ALMANAC

III

PLANETARY

PHENOMENA OF

MERCURY IN BCE

The almanac III contains a list of planetary phenomena of Mercury from the 6th millennium BCE to the 1st millennium BCE, from the 54th century BCE to the 1st century BCE.

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5400 Jan 11 j 00:06	11°♐12'13	-1°-38'-14
minimum elong	-5400 Jan 11 j 02:48	11°♐25'45	1°38'19
evening rise	-5400 Jan 19 j 00:39	27°♐31'41	
	-5400 Jan 20 j 06:02	0°♑	
asc. node	-5400 Jan 23 j 03:42	5°♑43'07	
evening max el	-5400 Feb 05 j 20:44	26°♑14'16	19°58'05
	-5400 Feb 11 j 07:32	0°♒	
retrograde	-5400 Feb 15 j 21:08	0°♒58'15	
evening set	-5400 Feb 18 j 06:10	0°♒43'29	
	-5400 Feb 20 j 16:53	30°℞♑	
inferior conj	-5400 Feb 26 j 21:52	26°♑42'45	2°16'30
minimum elong	-5400 Feb 27 j 02:51	26°♑35'06	2°14'47
min. Earth dist.	-5400 Feb 29 j 02:21	25°♑22'31	0.55903 AU
morning rise	-5400 Mar 06 j 20:31	22°♑10'05	
desc. node	-5400 Mar 06 j 16:28	22°♑13'07	
direct	-5400 Mar 10 j 21:30	21°♑33'56	
morning max el	-5400 Mar 24 j 16:25	28°♑26'51	23°56'56
	-5400 Mar 26 j 05:42	0°♒	
	-5400 Apr 14 j 15:51	0°♓	
morning set	-5400 Apr 18 j 00:05	6°♓50'41	
asc. node	-5400 Apr 20 j 03:22	11°♓22'06	
superior conj	-5400 Apr 25 j 02:52	22°♓05'23	0°49'13
minimum elong	-5400 Apr 25 j 00:51	21°♓54'32	0°48'46
max. Earth dist.	-5400 Apr 26 j 23:56	26°♓06'41	1.33498 AU
	-5400 Apr 28 j 20:05	0°♈	
evening rise	-5400 May 02 j 15:07	7°♈47'47	
	-5400 May 14 j 16:50	0°♉	
desc. node	-5400 Jun 02 j 14:39	26°♉10'10	
evening max el	-5400 Jun 04 j 21:30	28°♉28'58	27°25'34
	-5400 Jun 06 j 13:00	0°♊	
retrograde	-5400 Jun 18 j 14:40	5°♊54'43	
evening set	-5400 Jun 25 j 17:28	3°♊17'32	
	-5400 Jun 29 j 11:12	30°℞♉	
min. Earth dist.	-5400 Jun 29 j 08:10	0°♊07'32	0.63399 AU
inferior conj	-5400 Jul 02 j 00:17	27°♉23'42	-3°-50'-1
minimum elong	-5400 Jul 02 j 03:12	27°♉16'13	3°49'19
morning rise	-5400 Jul 08 j 14:52	22°♉06'34	
direct	-5400 Jul 11 j 06:04	21°♉32'43	
asc. node	-5400 Jul 17 j 03:14	24°♉19'12	
morning max el	-5400 Jul 17 j 19:09	24°♉57'00	17°58'55
	-5400 Jul 21 j 22:56	0°♊	
morning set	-5400 Aug 03 j 17:15	21°♊07'22	
	-5400 Aug 08 j 20:06	0°♋	
superior conj	-5400 Aug 15 j 23:53	12°♋05'14	1°18'21
minimum elong	-5400 Aug 16 j 05:48	12°♋29'43	1°18'04
max. Earth dist.	-5400 Aug 22 j 01:11	21°♋58'20	1.43671 AU
	-5400 Aug 27 j 02:16	0°♌	
desc. node	-5400 Aug 29 j 13:31	3°♌52'16	
evening rise	-5400 Aug 31 j 21:49	7°♌31'03	
	-5400 Sep 15 j 19:14	0°♍	
greatest brilliancy	-5400 Sep 23 j 12:38	10°♍49'53	-0.5m
evening max el	-5400 Sep 29 j 11:25	17°♍55'46	20°43'51
retrograde	-5400 Oct 07 j 15:25	22°♍44'40	
evening set	-5400 Oct 11 j 11:07	21°♍21'07	
asc. node	-5400 Oct 13 j 02:10	19°♍55'14	
inferior conj	-5400 Oct 16 j 22:06	15°♍11'07	1°16'37
minimum elong	-5400 Oct 16 j 20:23	15°♍16'56	1°16'02
min. Earth dist.	-5400 Oct 17 j 12:11	14°♍23'18	0.66929 AU
morning rise	-5400 Oct 22 j 05:12	8°♍53'11	
direct	-5400 Oct 27 j 13:49	6°♍35'39	
morning max el	-5400 Nov 07 j 16:27	13°♍13'13	24°18'17
	-5400 Nov 21 j 06:35	0°♎	
desc. node	-5400 Nov 25 j 13:51	6°♎08'37	
	-5400 Dec 10 j 17:50	0°♏	
morning set	-5400 Dec 13 j 09:53	4°♏33'55	
max. Earth dist.	-5400 Dec 17 j 07:14	11°♏25'57	1.38112 AU
superior conj	-5400 Dec 24 j 06:50	24°♏25'04	-1°-49'-16
minimum elong	-5400 Dec 24 j 08:21	24°♏32'20	1°49'29
	-5400 Dec 27 j 03:59	0°♐	
evening rise	-5399 Jan 02 j 00:10	11°♐31'34	
asc. node	-5399 Jan 09 j 00:46	24°♐50'54	
	-5399 Jan 12 j 02:43	0°♑	
evening max el	-5399 Jan 18 j 16:10	8°♑23'16	19°01'41
retrograde	-5399 Jan 27 j 04:40	12°♑27'56	
evening set	-5399 Jan 29 j 14:53	12°♑09'31	
inferior conj	-5399 Feb 06 j 14:29	7°♑53'31	3°28'11
minimum elong	-5399 Feb 06 j 18:56	7°♑45'40	3°27'03
min. Earth dist.	-5399 Feb 09 j 17:19	5°♑42'51	0.57313 AU
morning rise	-5399 Feb 14 j 19:22	2°♑52'29	
direct	-5399 Feb 20 j 02:51	1°♑45'54	
desc. node	-5399 Feb 21 j 13:34	1°♑50'54	
morning max el	-5399 Mar 06 j 07:15	9°♑04'14	25°31'20
	-5399 Mar 21 j 23:39	0°♒	
morning set	-5399 Apr 02 j 12:19	21°♒54'34	
	-5399 Apr 06 j 07:10	0°♓	
asc. node	-5399 Apr 07 j 00:17	1°♓32'57	
superior conj	-5399 Apr 09 j 13:16	7°♓05'10	0°25'59
minimum elong	-5399 Apr 09 j 12:09	6°♓59'04	0°25'36
max. Earth dist.	-5399 Apr 10 j 10:24	9°♓00'05	1.32904 AU
evening rise	-5399 Apr 16 j 18:19	22°♓27'03	
	-5399 Apr 20 j 12:50	0°♈	
	-5399 May 08 j 17:13	0°♉	
evening max el	-5399 May 18 j 04:13	10°♉59'43	27°10'07
desc. node	-5399 May 20 j 11:52	13°♉04'54	
retrograde	-5399 Jun 01 j 02:57	18°♉23'23	
evening set	-5399 Jun 08 j 01:15	16°♉09'47	
min. Earth dist.	-5399 Jun 11 j 17:31	13°♉21'37	0.61548 AU
inferior conj	-5399 Jun 14 j 21:38	10°♉29'58	-4°-8'-1
minimum elong	-5399 Jun 14 j 22:50	10°♉27'15	4°07'47
morning rise	-5399 Jun 21 j 23:10	5°♉33'37	
direct	-5399 Jun 24 j 12:00	5°♉06'19	
morning max el	-5399 Jul 01 j 08:54	8°♉31'41	18°00'56
asc. node	-5399 Jul 04 j 00:14	11°♉29'28	
	-5399 Jul 15 j 08:50	0°♊	
morning set	-5399 Jul 17 j 11:27	3°♊50'49	
superior conj	-5399 Jul 28 j 02:37	22°♊55'49	1°40'41
minimum elong	-5399 Jul 28 j 06:14	23°♊11'33	1°40'47
	-5399 Aug 01 j 05:28	0°♋	
max. Earth dist.	-5399 Aug 04 j 11:42	5°♋27'10	1.42216 AU
evening rise	-5399 Aug 11 j 05:19	16°♋21'04	
desc. node	-5399 Aug 16 j 10:30	24°♋29'38	
	-5399 Aug 20 j 01:17	0°♌	
greatest brilliancy	-5399 Sep 07 j 11:24	25°♌51'54	-0.4m
	-5399 Sep 11 j 00:30	0°♍	
evening max el	-5399 Sep 12 j 07:03	1°♍20'25	21°57'17
retrograde	-5399 Sep 21 j 11:10	6°♍47'05	
evening set	-5399 Sep 25 j 19:17	5°♍04'36	
asc. node	-5399 Sep 29 j 23:19	0°♍25'47	
	-5399 Sep 30 j 06:57	30°℞♌	
inferior conj	-5399 Oct 01 j 03:53	28°♌48'01	0°24'14
minimum elong	-5399 Oct 01 j 03:20	28°♌49'58	0°24'11
min. Earth dist.	-5399 Oct 01 j 07:25	28°♌35'50	0.67292 AU
morning rise	-5399 Oct 06 j 11:10	22°♌30'20	
direct	-5399 Oct 11 j 04:37	20°♌33'53	
morning max el	-5399 Oct 21 j 03:01	26°♌29'49	22°52'20

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5399 Oct 24 j 07:57	0°♍		
greatest brilliancy	-5399 Oct 25 j 23:16	1°♍57'05	-0.3m	
desc. node	-5399 Nov 12 j 10:41	26°♍15'58		
	-5399 Nov 14 j 21:31	0°♎		
morning set	-5399 Nov 24 j 04:41	14°♎46'40		
max. Earth dist.	-5399 Nov 29 j 04:17	23°♎08'20	1.40164 AU	
	-5399 Dec 03 j 02:57	0°♏		
superior conj	-5399 Dec 06 j 21:32	6°♏46'36	-1°-51'-29	
minimum elong	-5399 Dec 06 j 20:37	6°♏42'28	1°51'38	
evening rise	-5399 Dec 16 j 14:52	25°♏00'38		
	-5399 Dec 19 j 06:08	0°♐		
asc. node	-5399 Dec 26 j 21:53	13°♐25'25		
evening max el	-5398 Jan 01 j 19:58	21°♐01'43	18°25'18	
retrograde	-5398 Jan 09 j 06:48	24°♐42'07		
evening set	-5398 Jan 11 j 18:52	24°♐18'28		
inferior conj	-5398 Jan 19 j 03:21	19°♐41'37	4°02'03	
minimum elong	-5398 Jan 19 j 04:58	19°♐38'19	4°01'39	
min. Earth dist.	-5398 Jan 22 j 11:48	16°♐58'12	0.59169 AU	
morning rise	-5398 Jan 26 j 11:50	14°♐16'46		
direct	-5398 Feb 01 j 20:32	12°♐31'23		
desc. node	-5398 Feb 08 j 10:39	14°♐17'29		
morning max el	-5398 Feb 16 j 01:46	20°♐03'20	26°46'41	
	-5398 Feb 24 j 14:49	0°♑		
	-5398 Mar 14 j 13:48	0°♒		
morning set	-5398 Mar 17 j 22:58	6°♒53'08		
asc. node	-5398 Mar 24 j 21:13	21°♒47'10		
superior conj	-5398 Mar 25 j 00:57	22°♒07'39	0°01'37	
minimum elong	-5398 Mar 25 j 00:53	22°♒07'17	0°01'24	
behind sun begin	-5398 Mar 24 j 19:55	21°♒40'03		
behind sun end	-5398 Mar 25 j 05:52	22°♒34'32		
max. Earth dist.	-5398 Mar 24 j 23:49	22°♒01'24	1.32641 AU	
	-5398 Mar 28 j 15:40	0°♓		
evening rise	-5398 Apr 01 j 02:17	7°♓19'23		
	-5398 Apr 13 j 02:22	0°♈		
evening max el	-5398 Apr 30 j 05:06	22°♈49'05	26°22'14	
desc. node	-5398 May 07 j 09:06	28°♈14'01		
	-5398 May 12 j 10:18	0°♉		
retrograde	-5398 May 14 j 07:15	0°♉08'46		
	-5398 May 16 j 03:48	30°℞♈		
evening set	-5398 May 20 j 13:26	28°♈30'02		
min. Earth dist.	-5398 May 24 j 18:01	25°♈47'29	0.59518 AU	
inferior conj	-5398 May 28 j 03:18	23°♈08'07	-4°-4'-58	
minimum elong	-5398 May 28 j 01:38	23°♈11'26	4°04'47	
morning rise	-5398 Jun 04 j 17:33	18°♈33'50		
direct	-5398 Jun 07 j 04:53	18°♈11'58		
morning max el	-5398 Jun 14 j 19:01	21°♈50'19	18°22'18	
asc. node	-5398 Jun 20 j 21:11	29°♈33'14		
	-5398 Jun 21 j 04:05	0°♉		
morning set	-5398 Jun 30 j 20:20	17°♉18'10		
	-5398 Jul 07 j 13:05	0°♊		
superior conj	-5398 Jul 10 j 06:03	5°♊00'45	1°49'15	
minimum elong	-5398 Jul 10 j 06:46	5°♊04'01	1°49'31	
max. Earth dist.	-5398 Jul 17 j 16:02	18°♊11'47	1.40389 AU	
evening rise	-5398 Jul 22 j 09:26	26°♊10'11		
	-5398 Jul 24 j 17:34	0°♋		
desc. node	-5398 Aug 03 j 07:33	14°♋58'05		
	-5398 Aug 13 j 18:33	0°♌		
greatest brilliancy	-5398 Aug 19 j 19:52	7°♌53'46	-0.2m	
evening max el	-5398 Aug 25 j 21:07	14°♌44'47	23°17'25	
retrograde	-5398 Sep 05 j 04:21	20°♌50'59		
evening set	-5398 Sep 10 j 02:34	18°♌48'25		
inferior conj	-5398 Sep 15 j 10:25	12°♌28'42	0°-28'-48	
minimum elong	-5398 Sep 15 j 11:04	12°♌26'27	0°28'18	
min. Earth dist.	-5398 Sep 15 j 03:44	12°♌51'40	0.67355 AU	
asc. node	-5398 Sep 16 j 20:27	10°♌33'16		
morning rise	-5398 Sep 20 j 19:38	6°♌14'22		
direct	-5398 Sep 24 j 23:12	4°♌38'44		
morning max el	-5398 Oct 03 j 18:23	9°♌51'53	21°29'47	
greatest brilliancy	-5398 Oct 08 j 23:24	15°♌53'24	-0.4m	
	-5398 Oct 19 j 05:18	0°♍		
desc. node	-5398 Oct 30 j 07:32	16°♍39'00		
morning set	-5398 Nov 03 j 20:00	23°♍42'07		
	-5398 Nov 07 j 18:46	0°♎		
max. Earth dist.	-5398 Nov 11 j 06:32	5°♎41'07	1.42087 AU	
superior conj	-5398 Nov 18 j 14:37	18°♎03'04	-1°-41'-24	
minimum elong	-5398 Nov 18 j 10:24	17°♎44'50	1°41'13	
	-5398 Nov 25 j 09:15	0°♏		
evening rise	-5398 Nov 29 j 17:18	7°♏51'15		
	-5398 Dec 12 j 19:48	0°♐		
asc. node	-5398 Dec 13 j 19:01	1°♐16'19		
evening max el	-5398 Dec 16 j 05:34	4°♐02'27	18°08'57	
retrograde	-5398 Dec 23 j 01:13	7°♐32'15		
evening set	-5398 Dec 25 j 15:26	7°♐02'17		
inferior conj	-5397 Jan 01 j 11:07	2°♐03'36	4°05'22	
minimum elong	-5397 Jan 01 j 10:00	2°♐06'15	4°05'03	
	-5397 Jan 03 j 15:27	30°℞♏		
min. Earth dist.	-5397 Jan 04 j 13:03	29°♏10'29	0.61147 AU	
morning rise	-5397 Jan 08 j 02:04	26°♏21'29		
direct	-5397 Jan 15 j 01:00	24°♏00'54		
desc. node	-5397 Jan 26 j 07:40	29°♏08'48		
	-5397 Jan 27 j 07:29	0°♐		
morning max el	-5397 Jan 29 j 02:30	1°♐40'12	27°31'06	
	-5397 Feb 18 j 18:47	0°♑		
morning set	-5397 Mar 02 j 06:10	21°♑39'16		
	-5397 Mar 06 j 05:26	0°♒		
max. Earth dist.	-5397 Mar 08 j 12:27	4°♒57'07	1.32715 AU	
superior conj	-5397 Mar 09 j 12:18	7°♒06'52	0°-23'-2	
minimum elong	-5397 Mar 09 j 13:19	7°♒12'26	0°23'05	
asc. node	-5397 Mar 11 j 18:12	12°♒00'49		
evening rise	-5397 Mar 16 j 13:00	22°♒17'23		
	-5397 Mar 20 j 07:26	0°♓		
	-5397 Apr 08 j 05:26	0°♈		
evening max el	-5397 Apr 12 j 00:10	3°♈59'44	25°07'15	
desc. node	-5397 Apr 24 j 06:19	11°♈01'09		
retrograde	-5397 Apr 26 j 01:32	11°♈08'48		
evening set	-5397 May 01 j 04:31	10°♈07'51		
min. Earth dist.	-5397 May 06 j 12:40	7°♈14'31	0.57576 AU	
inferior conj	-5397 May 09 j 14:04	5°♈09'45	-3°-31'-37	
minimum elong	-5397 May 09 j 09:24	5°♈17'44	3°30'47	
morning rise	-5397 May 17 j 18:32	0°♈55'36		
direct	-5397 May 20 j 04:38	0°♈38'08		
morning max el	-5397 May 28 j 22:35	4°♈43'49	19°03'40	
asc. node	-5397 Jun 07 j 18:09	18°♈18'15		
	-5397 Jun 13 j 23:41	0°♉		
morning set	-5397 Jun 14 j 15:54	1°♉19'38		
superior conj	-5397 Jun 23 j 04:30	18°♉04'13	1°47'03	
minimum elong	-5397 Jun 23 j 03:06	17°♉57'27	1°47'13	
max. Earth dist.	-5397 Jun 29 j 17:02	0°♊15'26	1.38456 AU	
	-5397 Jun 29 j 13:37	0°♊		
evening rise	-5397 Jul 03 j 16:17	7°♊17'56		
	-5397 Jul 17 j 16:22	0°♋		
desc. node	-5397 Jul 21 j 04:39	5°♋12'23		
evening max el	-5397 Aug 08 j 08:06	28°♋11'22	24°37'44	
	-5397 Aug 10 j 06:07	0°♌		
retrograde	-5397 Aug 19 j 17:48	4°♌52'17		
evening set	-5397 Aug 25 j 07:05	2°♌30'23		
	-5397 Aug 27 j 17:03	30°℞♋		
min. Earth dist.	-5397 Aug 29 j 22:41	27°♋08'47	0.67118 AU	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

inferior conj	-5397 Aug 30 j 15:56	26°♋11'00	-1°-20'-55
minimum elong	-5397 Aug 30 j 17:45	26°♋04'53	1°19'55
asc. node	-5397 Sep 03 j 17:35	21°♋16'55	
morning rise	-5397 Sep 05 j 04:44	20°♋03'18	
direct	-5397 Sep 08 j 20:24	18°♋46'21	
morning max el	-5397 Sep 16 j 16:25	23°♋21'01	20°16'43
	-5397 Sep 22 j 06:04	0°♌	
greatest brilliancy	-5397 Sep 23 j 13:30	1°♌45'37	-0.6m
	-5397 Oct 12 j 13:12	0°♍	
morning set	-5397 Oct 13 j 19:27	1°♍57'07	
desc. node	-5397 Oct 17 j 04:24	7°♍12'14	
max. Earth dist.	-5397 Oct 24 j 15:46	19°♍02'03	1.43614 AU
superior conj	-5397 Oct 30 j 04:57	28°♍02'10	-1°-15'-53
minimum elong	-5397 Oct 29 j 22:29	27°♍35'39	1°15'13
	-5397 Oct 31 j 09:34	0°♎	
evening rise	-5397 Nov 12 j 03:05	19°♎53'28	
	-5397 Nov 17 j 23:29	0°♏	
evening max el	-5397 Nov 29 j 18:04	17°♏17'19	18°11'59
asc. node	-5397 Nov 30 j 16:11	18°♏10'05	
retrograde	-5397 Dec 06 j 07:44	20°♏48'12	
evening set	-5397 Dec 09 j 01:03	20°♏10'32	
inferior conj	-5397 Dec 15 j 10:12	14°♏51'04	3°47'18
minimum elong	-5397 Dec 15 j 07:26	14°♏58'23	3°46'41
min. Earth dist.	-5397 Dec 17 j 23:18	12°♏09'19	0.62987 AU
morning rise	-5397 Dec 21 j 12:02	8°♏56'14	
direct	-5397 Dec 28 j 13:48	6°♏13'28	
morning max el	-5396 Jan 11 j 08:31	13°♏55'07	27°39'46
desc. node	-5396 Jan 13 j 04:39	15°♏48'00	
	-5396 Jan 24 j 10:22	0°♐	
	-5396 Feb 11 j 05:38	0°♑	
morning set	-5396 Feb 14 j 07:38	6°♑04'26	
max. Earth dist.	-5396 Feb 19 j 20:26	17°♑33'05	1.33152 AU
superior conj	-5396 Feb 21 j 21:36	21°♑56'21	0°-47'-6
minimum elong	-5396 Feb 21 j 23:36	22°♑07'07	0°47'01
	-5396 Feb 25 j 15:12	0°♒	
asc. node	-5396 Feb 26 j 15:14	2°♒09'16	
evening rise	-5396 Feb 29 j 00:35	7°♒14'05	
	-5396 Mar 12 j 03:54	0°♓	
evening max el	-5396 Mar 23 j 16:35	14°♓47'38	23°36'14
retrograde	-5396 Apr 06 j 07:07	21°♓32'03	
evening set	-5396 Apr 10 j 03:09	20°♓59'45	
desc. node	-5396 Apr 10 j 03:30	20°♓59'31	
min. Earth dist.	-5396 Apr 17 j 04:17	17°♓43'45	0.56060 AU
inferior conj	-5396 Apr 19 j 04:58	16°♓30'34	-2°-20'-22
minimum elong	-5396 Apr 18 j 23:44	16°♓38'28	2°18'59
morning rise	-5396 Apr 27 j 23:45	12°♓29'57	
direct	-5396 Apr 30 j 10:00	12°♓15'04	
morning max el	-5396 May 10 j 16:58	17°♓02'46	20°05'17
	-5396 May 20 j 10:26	0°♈	
asc. node	-5396 May 24 j 15:08	7°♈34'47	
morning set	-5396 May 28 j 19:05	15°♈47'41	
	-5396 Jun 04 j 18:33	0°♉	
superior conj	-5396 Jun 05 j 16:49	1°♉51'58	1°36'59
minimum elong	-5396 Jun 05 j 14:19	1°♉39'25	1°36'54
max. Earth dist.	-5396 Jun 10 j 21:11	12°♉01'32	1.36656 AU
evening rise	-5396 Jun 14 j 22:55	19°♉38'08	
	-5396 Jun 20 j 19:56	0°♊	
desc. node	-5396 Jul 07 j 01:46	25°♊06'15	
	-5396 Jul 10 j 17:01	0°♋	
evening max el	-5396 Jul 20 j 18:42	11°♋41'18	25°50'15
retrograde	-5396 Aug 02 j 02:44	18°♋46'55	
evening set	-5396 Aug 08 j 06:54	16°♋09'11	
min. Earth dist.	-5396 Aug 12 j 13:46	11°♋25'35	0.66559 AU
inferior conj	-5396 Aug 13 j 18:40	9°♋53'20	-2°-10'-23
minimum elong	-5396 Aug 13 j 21:28	9°♋44'24	2°09'06
morning rise	-5396 Aug 19 j 12:39	3°♋55'44	
asc. node	-5396 Aug 20 j 14:41	3°♋21'41	
direct	-5396 Aug 22 j 18:40	2°♋54'34	
morning max el	-5396 Aug 29 j 21:24	6°♋58'11	19°17'06
	-5396 Sep 15 j 06:45	0°♌	
morning set	-5396 Sep 22 j 01:50	10°♌37'45	
desc. node	-5396 Oct 03 j 01:18	27°♌52'11	
	-5396 Oct 04 j 09:44	0°♍	
max. Earth dist.	-5396 Oct 06 j 07:03	2°♍58'59	1.44544 AU
superior conj	-5396 Oct 08 j 17:04	6°♍48'51	0°-35'00
minimum elong	-5396 Oct 08 j 12:47	6°♍31'50	0°34'19
	-5396 Oct 23 j 01:21	0°♎	
evening rise	-5396 Oct 23 j 15:21	0°♎57'40	
	-5396 Nov 11 j 15:29	0°♏	
evening max el	-5396 Nov 12 j 06:41	0°♏40'21	18°33'25
asc. node	-5396 Nov 16 j 13:21	3°♏51'42	
retrograde	-5396 Nov 18 j 22:20	4°♏22'20	
evening set	-5396 Nov 21 j 20:19	3°♏35'07	
	-5396 Nov 26 j 01:53	30°℞♎	
inferior conj	-5396 Nov 27 j 20:57	27°♎57'12	3°15'02
minimum elong	-5396 Nov 27 j 17:39	28°♎06'53	3°14'06
min. Earth dist.	-5396 Nov 29 j 19:31	25°♎40'59	0.64530 AU
morning rise	-5396 Dec 03 j 13:44	21°♎52'26	
direct	-5396 Dec 10 j 09:23	19°♎02'58	
morning max el	-5396 Dec 23 j 17:37	26°♎40'42	27°14'09
	-5396 Dec 26 j 21:08	0°♏	
desc. node	-5396 Dec 30 j 01:38	3°♏44'24	
	-5395 Jan 17 j 00:05	0°♐	
morning set	-5395 Jan 28 j 00:26	19°♐58'59	
max. Earth dist.	-5395 Feb 01 j 20:11	29°♐39'01	1.33998 AU
	-5395 Feb 02 j 00:15	0°♑	
superior conj	-5395 Feb 05 j 02:57	6°♑29'29	-1°-9'-32
minimum elong	-5395 Feb 05 j 05:39	6°♑43'45	1°09'26
evening rise	-5395 Feb 12 j 11:21	22°♑03'10	
asc. node	-5395 Feb 12 j 12:16	22°♑07'59	
	-5395 Feb 16 j 09:11	0°♒	
evening max el	-5395 Mar 05 j 11:47	25°♒37'09	22°02'51
	-5395 Mar 11 j 11:08	0°♓	
retrograde	-5395 Mar 18 j 00:45	1°♓40'24	
evening set	-5395 Mar 20 j 21:24	1°♓22'18	
	-5395 Mar 25 j 00:00	30°℞♒	
desc. node	-5395 Mar 28 j 00:42	28°♒29'00	
inferior conj	-5395 Mar 30 j 04:33	27°♒16'41	0°-35'-24
minimum elong	-5395 Mar 30 j 02:55	27°♒18'59	0°35'03
min. Earth dist.	-5395 Mar 29 j 18:31	27°♒30'50	0.55283 AU
morning rise	-5395 Apr 08 j 09:34	23°♒16'49	
direct	-5395 Apr 11 j 01:35	23°♒00'48	
morning max el	-5395 Apr 23 j 00:26	28°♒40'17	21°25'44
	-5395 Apr 24 j 08:44	0°♓	
asc. node	-5395 May 11 j 12:06	27°♓14'10	
	-5395 May 12 j 20:38	0°♈	
morning set	-5395 May 13 j 03:17	0°♈34'13	
superior conj	-5395 May 20 j 14:51	16°♈11'20	1°21'19
minimum elong	-5395 May 20 j 12:05	15°♈57'02	1°21'00
max. Earth dist.	-5395 May 24 j 09:45	23°♈55'48	1.35146 AU
	-5395 May 27 j 11:28	0°♉	
evening rise	-5395 May 28 j 23:46	2°♉54'32	
	-5395 Jun 13 j 17:40	0°♊	
desc. node	-5395 Jun 23 j 22:55	14°♊30'10	
evening max el	-5395 Jul 03 j 05:51	25°♊08'22	26°46'44
	-5395 Jul 09 j 04:17	0°♋	
retrograde	-5395 Jul 16 j 06:36	2°♋28'11	
evening set	-5395 Jul 22 j 23:39	29°♊41'26	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5395 Jul	22 j 14:31	30℞♊	
min. Earth dist.	-5395 Jul	26 j 22:34	25°♊37'06	0.65639 AU
inferior conj	-5395 Jul	28 j 16:34	23°♊32'05	-2°-55'-15
minimum elong	-5395 Jul	28 j 19:59	23°♊21'56	2°53'58
morning rise	-5395 Aug	03 j 17:20	17°♊47'56	
direct	-5395 Aug	06 j 15:56	16°♊59'33	
asc. node	-5395 Aug	07 j 11:47	17°♊03'20	
morning max el	-5395 Aug	13 j 07:58	20°♊40'50	18°33'09
	-5395 Aug	20 j 11:54	0°♋	
morning set	-5395 Sep	02 j 07:39	20°♋27'35	
	-5395 Sep	08 j 05:27	0°♌	
superior conj	-5395 Sep	17 j 16:18	15°♌02'23	0°14'04
minimum elong	-5395 Sep	17 j 18:08	15°♌09'40	0°14'04
behind sun begin	-5395 Sep	17 j 12:18	14°♌46'38	
behind sun end	-5395 Sep	17 j 23:58	15°♌32'41	
max. Earth dist.	-5395 Sep	19 j 01:07	17°♌11'56	1.44761 AU
desc. node	-5395 Sep	19 j 22:12	18°♌35'07	
	-5395 Sep	27 j 04:08	0°♍	
evening rise	-5395 Oct	04 j 02:24	10°♍55'55	
	-5395 Oct	16 j 06:02	0°♎	
evening max el	-5395 Oct	26 j 16:45	14°♎06'29	19°12'09
retrograde	-5395 Nov	02 j 17:34	18°♎08'38	
asc. node	-5395 Nov	03 j 10:30	18°♎05'46	
evening set	-5395 Nov	05 j 22:11	17°♎09'30	
inferior conj	-5395 Nov	11 j 16:09	11°♎16'18	2°33'28
minimum elong	-5395 Nov	11 j 13:06	11°♎25'56	2°32'26
min. Earth dist.	-5395 Nov	13 j 00:55	9°♎32'46	0.65719 AU
morning rise	-5395 Nov	17 j 03:09	5°♎04'05	
direct	-5395 Nov	23 j 11:00	2°♎20'44	
morning max el	-5395 Dec	06 j 03:26	9°♎45'27	26°20'12
desc. node	-5395 Dec	16 j 22:34	22°♎35'10	
	-5395 Dec	22 j 05:29	0°♏	
	-5394 Jan	09 j 11:26	0°♐	
morning set	-5394 Jan	11 j 04:42	3°♐11'16	
max. Earth dist.	-5394 Jan	15 j 08:53	11°♐11'29	1.35278 AU
superior conj	-5394 Jan	20 j 02:02	20°♐39'06	-1°-29'-1
minimum elong	-5394 Jan	20 j 04:57	20°♐54'03	1°29'01
	-5394 Jan	24 j 14:28	0°♑	
evening rise	-5394 Jan	27 j 19:26	6°♑38'40	
asc. node	-5394 Jan	30 j 09:18	11°♑52'09	
	-5394 Feb	09 j 19:42	0°♒	
evening max el	-5394 Feb	15 j 15:05	6°♒51'37	20°39'01
retrograde	-5394 Feb	26 j 14:52	12°♒04'27	
evening set	-5394 Mar	01 j 01:02	11°♒50'15	
inferior conj	-5394 Mar	10 j 00:43	7°♒52'10	1°18'56
minimum elong	-5394 Mar	10 j 04:06	7°♒47'15	1°17'34
min. Earth dist.	-5394 Mar	11 j 08:37	7°♒05'51	0.55415 AU
desc. node	-5394 Mar	14 j 21:52	5°♒11'06	
morning rise	-5394 Mar	19 j 05:28	3°♒35'17	
direct	-5394 Mar	22 j 14:35	3°♒10'25	
morning max el	-5394 Apr	04 j 21:58	9°♒40'08	23°00'05
	-5394 Apr	19 j 15:21	0°♓	
morning set	-5394 Apr	27 j 14:27	15°♓32'42	
asc. node	-5394 Apr	28 j 09:03	17°♓10'07	
	-5394 May	04 j 09:36	0°♈	
superior conj	-5394 May	04 j 19:31	0°♈52'51	1°01'45
minimum elong	-5394 May	04 j 17:07	0°♈40'02	1°01'19
max. Earth dist.	-5394 May	07 j 08:12	6°♈13'05	1.33995 AU
evening rise	-5394 May	12 j 13:49	16°♈52'45	
	-5394 May	19 j 13:00	0°♉	
	-5394 Jun	08 j 04:33	0°♊	
desc. node	-5394 Jun	10 j 20:04	3°♊11'28	
evening max el	-5394 Jun	15 j 16:46	8°♊22'36	27°19'35
retrograde	-5394 Jun	29 j 05:09	15°♊48'24	

evening set	-5394 Jul	06 j 06:29	13°♊03'31	
min. Earth dist.	-5394 Jul	09 j 23:04	9°♊35'55	0.64329 AU
inferior conj	-5394 Jul	12 j 07:17	7°♊03'10	-3°-32'-57
minimum elong	-5394 Jul	12 j 10:39	6°♊54'00	3°31'59
morning rise	-5394 Jul	18 j 16:24	1°♊35'38	
direct	-5394 Jul	21 j 09:42	0°♊57'15	
asc. node	-5394 Jul	25 j 08:51	2°♊17'32	
morning max el	-5394 Jul	27 j 21:51	4°♊25'05	18°06'15
	-5394 Aug	13 j 18:11	0°♋	
morning set	-5394 Aug	14 j 16:14	1°♋33'38	
superior conj	-5394 Aug	28 j 01:39	23°♋49'07	0°58'35
minimum elong	-5394 Aug	28 j 07:29	24°♋12'44	0°58'12
	-5394 Aug	31 j 21:58	0°♌	
max. Earth dist.	-5394 Sep	01 j 18:03	1°♌20'03	1.44256 AU
desc. node	-5394 Sep	06 j 19:06	9°♌18'11	
evening rise	-5394 Sep	13 j 14:31	19°♌54'41	
	-5394 Sep	20 j 03:52	0°♍	
greatest brilliancy	-5394 Oct	02 j 19:33	18°♍43'47	-0.6m
evening max el	-5394 Oct	09 j 22:04	27°♍32'25	20°06'30
	-5394 Oct	12 j 15:17	0°♎	
retrograde	-5394 Oct	17 j 14:37	2°♎02'44	
evening set	-5394 Oct	21 j 04:05	0°♎48'58	
asc. node	-5394 Oct	21 j 07:41	0°♎42'36	
	-5394 Oct	22 j 04:57	30℞♍	
inferior conj	-5394 Oct	26 j 17:07	24°♍43'59	1°45'51
minimum elong	-5394 Oct	26 j 14:50	24°♍51'37	1°45'01
min. Earth dist.	-5394 Oct	27 j 13:39	23°♍35'37	0.66572 AU
morning rise	-5394 Nov	01 j 00:58	18°♍27'05	
direct	-5394 Nov	06 j 18:16	15°♍58'34	
morning max el	-5394 Nov	18 j 12:28	22°♍57'36	25°06'10
	-5394 Nov	24 j 18:29	0°♎	
desc. node	-5394 Dec	03 j 19:26	12°♎03'36	
	-5394 Dec	15 j 13:47	0°♏	
morning set	-5394 Dec	24 j 15:13	15°♏25'14	
max. Earth dist.	-5394 Dec	28 j 10:29	22°♏20'43	1.36978 AU
	-5393 Jan	01 j 11:26	0°♐	
superior conj	-5393 Jan	03 j 15:45	4°♐15'10	-1°-43'-49
minimum elong	-5393 Jan	03 j 18:06	4°♐26'41	1°43'57
evening rise	-5393 Jan	11 j 22:44	20°♐53'00	
	-5393 Jan	16 j 14:21	0°♑	
asc. node	-5393 Jan	17 j 06:21	1°♑15'04	
evening max el	-5393 Jan	29 j 04:43	18°♑40'31	19°31'43
retrograde	-5393 Feb	07 j 13:12	23°♑06'28	
evening set	-5393 Feb	09 j 22:13	22°♑50'36	
inferior conj	-5393 Feb	18 j 07:10	18°♑44'30	2°51'37
minimum elong	-5393 Feb	18 j 12:23	18°♑36'02	2°50'02
min. Earth dist.	-5393 Feb	20 j 23:15	17°♑01'07	0.56421 AU
morning rise	-5393 Feb	26 j 23:02	13°♑59'10	
desc. node	-5393 Mar	01 j 19:00	13°♑18'47	
direct	-5393 Mar	03 j 12:39	13°♑11'50	
morning max el	-5393 Mar	17 j 13:34	20°♑18'10	24°38'24
	-5393 Mar	25 j 19:31	0°♒	
	-5393 Apr	11 j 19:53	0°♓	
morning set	-5393 Apr	12 j 02:45	0°♓35'53	
asc. node	-5393 Apr	15 j 05:58	7°♓16'30	
superior conj	-5393 Apr	19 j 04:24	15°♓47'44	0°39'33
minimum elong	-5393 Apr	19 j 02:44	15°♓38'44	0°39'08
max. Earth dist.	-5393 Apr	20 j 14:55	18°♓53'57	1.33203 AU
	-5393 Apr	25 j 21:28	0°♈	
evening rise	-5393 Apr	26 j 13:05	1°♈19'37	
	-5393 May	12 j 12:10	0°♉	
desc. node	-5393 May	28 j 17:16	20°♉51'52	
evening max el	-5393 May	29 j 01:39	21°♉12'10	27°22'56
retrograde	-5393 Jun	11 j 21:48	28°♉38'12	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening set	-5393 Jun 18 j 23:52	26°♉09'09	
min. Earth dist.	-5393 Jun 22 j 14:07	23°♉10'13	0.62643 AU
inferior conj	-5393 Jun 25 j 11:55	20°♉20'36	-3°-59'-44
minimum elong	-5393 Jun 25 j 14:16	20°♉14'52	3°59'16
morning rise	-5393 Jul 02 j 07:00	15°♉12'15	
direct	-5393 Jul 04 j 20:54	14°♉41'32	
morning max el	-5393 Jul 11 j 12:27	18°♉05'13	17°57'27
asc. node	-5393 Jul 12 j 05:53	18°♉49'57	
	-5393 Jul 20 j 02:43	0°♊	
morning set	-5393 Jul 27 j 23:46	13°♊45'32	
	-5393 Aug 06 j 05:55	0°♋	
superior conj	-5393 Aug 08 j 12:25	3°♋52'02	1°29'40
minimum elong	-5393 Aug 08 j 17:35	4°♋13'54	1°29'33
max. Earth dist.	-5393 Aug 15 j 07:05	15°♋06'07	1.43106 AU
evening rise	-5393 Aug 23 j 17:37	28°♋31'23	
desc. node	-5393 Aug 24 j 16:03	29°♋58'40	
	-5393 Aug 24 j 16:24	0°♌	
	-5393 Sep 13 j 23:21	0°♍	
greatest brilliancy	-5393 Sep 17 j 13:12	4°♍44'30	-0.5m
evening max el	-5393 Sep 22 j 21:21	10°♍57'40	21°14'01
retrograde	-5393 Oct 01 j 11:19	16°♍02'35	
evening set	-5393 Oct 05 j 11:57	14°♍31'27	
asc. node	-5393 Oct 08 j 04:51	11°♍50'29	
inferior conj	-5393 Oct 10 j 21:43	8°♍18'13	0°54'37
minimum elong	-5393 Oct 10 j 20:28	8°♍22'28	0°54'14
min. Earth dist.	-5393 Oct 11 j 07:17	7°♍45'23	0.67114 AU
morning rise	-5393 Oct 16 j 04:38	1°♍59'44	
	-5393 Oct 19 j 21:16	30°℞♌	
direct	-5393 Oct 21 j 06:41	29°♌50'51	
	-5393 Oct 22 j 17:16	0°♍	
morning max el	-5393 Oct 31 j 21:35	6°♍12'00	23°41'45
	-5393 Nov 19 j 08:00	0°♎	
desc. node	-5393 Nov 20 j 16:17	1°♎59'05	
morning set	-5393 Dec 06 j 01:58	26°♎25'15	
	-5393 Dec 08 j 04:12	0°♏	
max. Earth dist.	-5393 Dec 10 j 06:24	3°♏38'39	1.38976 AU
superior conj	-5393 Dec 17 j 16:16	17°♏07'28	-1°-51'-30
minimum elong	-5393 Dec 17 j 16:55	17°♏10'29	1°51'43
	-5393 Dec 24 j 09:20	0°♐	
evening rise	-5393 Dec 26 j 18:50	4°♐40'01	
asc. node	-5392 Jan 04 j 03:26	20°♐09'30	
	-5392 Jan 11 j 03:22	0°♑	
evening max el	-5392 Jan 12 j 04:04	1°♑02'52	18°43'49
retrograde	-5392 Jan 20 j 04:15	4°♑55'04	
evening set	-5392 Jan 22 j 15:16	4°♑34'35	
inferior conj	-5392 Jan 30 j 08:15	0°♑10'30	3°46'51
minimum elong	-5392 Jan 30 j 11:37	0°♑04'12	3°46'04
	-5392 Jan 30 j 13:51	30°℞♐	
min. Earth dist.	-5392 Feb 02 j 15:33	27°♐42'58	0.58069 AU
morning rise	-5392 Feb 07 j 04:21	24°♐58'24	
direct	-5392 Feb 12 j 23:52	23°♐35'19	
desc. node	-5392 Feb 16 j 16:06	24°♐08'11	
	-5392 Feb 26 j 03:12	0°♑	
morning max el	-5392 Feb 27 j 05:15	1°♑01'05	26°06'24
	-5392 Mar 18 j 15:56	0°♒	
morning set	-5392 Mar 26 j 14:29	15°♒37'43	
asc. node	-5392 Apr 01 j 02:54	27°♒28'56	
	-5392 Apr 02 j 06:34	0°♓	
superior conj	-5392 Apr 02 j 15:34	0°♓49'09	0°15'44
minimum elong	-5392 Apr 02 j 14:53	0°♓45'25	0°15'25
behind sun begin	-5392 Apr 02 j 13:52	0°♓39'56	
behind sun end	-5392 Apr 02 j 15:53	0°♓50'54	
max. Earth dist.	-5392 Apr 03 j 02:55	1°♓51'11	1.32754 AU
evening rise	-5392 Apr 09 j 18:36	16°♓05'14	
	-5392 Apr 16 j 20:43	0°♈	
	-5392 May 06 j 22:39	0°♉	
evening max el	-5392 May 10 j 06:13	3°♉26'04	26°53'35
desc. node	-5392 May 14 j 14:30	7°♉05'38	
retrograde	-5392 May 24 j 07:03	10°♉48'28	
evening set	-5392 May 30 j 23:44	8°♉48'59	
min. Earth dist.	-5392 Jun 03 j 19:45	6°♉04'58	0.60690 AU
inferior conj	-5392 Jun 07 j 03:04	3°♉15'57	-4°-9'-52
minimum elong	-5392 Jun 07 j 03:10	3°♉15'45	4°09'44
	-5392 Jun 11 j 07:55	30°℞♈	
morning rise	-5392 Jun 14 j 09:47	28°♈28'42	
direct	-5392 Jun 16 j 21:47	28°♈03'54	
	-5392 Jun 22 j 04:42	0°♉	
morning max el	-5392 Jun 24 j 00:58	1°♉33'38	18°07'33
asc. node	-5392 Jun 28 j 02:52	6°♉24'22	
morning set	-5392 Jul 10 j 00:48	26°♉48'53	
	-5392 Jul 11 j 17:53	0°♊	
superior conj	-5392 Jul 20 j 02:16	15°♊15'24	1°45'50
minimum elong	-5392 Jul 20 j 04:36	15°♊25'49	1°46'02
max. Earth dist.	-5392 Jul 27 j 14:43	28°♊16'01	1.41470 AU
	-5392 Jul 28 j 15:34	0°♋	
evening rise	-5392 Aug 02 j 08:22	7°♋42'05	
desc. node	-5392 Aug 10 j 13:05	20°♋32'36	
	-5392 Aug 16 j 21:03	0°♌	
greatest brilliancy	-5392 Aug 30 j 20:37	19°♌02'30	-0.3m
evening max el	-5392 Sep 04 j 14:31	24°♌22'08	22°31'00
	-5392 Sep 13 j 04:23	0°♍	
retrograde	-5392 Sep 14 j 06:01	0°♍05'27	
	-5392 Sep 15 j 07:01	30°℞♌	
evening set	-5392 Sep 18 j 19:55	28°♌14'42	
inferior conj	-5392 Sep 24 j 04:02	21°♌56'36	0°01'43
minimum elong	-5392 Sep 24 j 03:59	21°♌56'45	0°01'55
transit middle	-5392 Sep 24 j 03:59	21°♌56'45	0°01'55
transit begin	-5392 Sep 24 j 01:18	22°♌06'01	
transit end	-5392 Sep 24 j 06:40	21°♌47'30	
min. Earth dist.	-5392 Sep 24 j 03:17	21°♌59'08	0.67358 AU
asc. node	-5392 Sep 24 j 02:00	22°♌03'35	
morning rise	-5392 Sep 29 j 11:55	15°♌39'53	
direct	-5392 Oct 03 j 23:22	13°♌52'11	
morning max el	-5392 Oct 13 j 09:38	19°♌29'25	22°16'18
greatest brilliancy	-5392 Oct 18 j 04:03	24°♌53'49	-0.3m
	-5392 Oct 22 j 03:22	0°♍	
desc. node	-5392 Nov 06 j 13:09	22°♍13'30	
	-5392 Nov 11 j 13:35	0°♎	
morning set	-5392 Nov 15 j 08:26	6°♎01'54	
max. Earth dist.	-5392 Nov 21 j 04:52	15°♎39'49	1.41019 AU
superior conj	-5392 Nov 28 j 22:29	29°♎02'42	-1°-48'-55
minimum elong	-5392 Nov 28 j 20:12	28°♎52'36	1°48'59
	-5392 Nov 29 j 11:19	0°♏	
evening rise	-5392 Dec 09 j 04:43	17°♏52'51	
	-5392 Dec 15 j 19:29	0°♐	
asc. node	-5392 Dec 21 j 00:33	8°♐26'22	
evening max el	-5392 Dec 25 j 10:42	13°♐51'28	18°15'58
retrograde	-5391 Jan 01 j 13:36	17°♐25'24	
evening set	-5391 Jan 04 j 02:41	16°♐59'02	
inferior conj	-5391 Jan 11 j 05:25	12°♐12'49	4°06'37
minimum elong	-5391 Jan 11 j 05:46	12°♐12'04	4°06'19
min. Earth dist.	-5391 Jan 14 j 12:15	9°♐22'36	0.60017 AU
morning rise	-5391 Jan 18 j 05:58	6°♐40'21	
direct	-5391 Jan 24 j 22:27	4°♐38'48	
desc. node	-5391 Feb 02 j 13:09	7°♐40'01	
morning max el	-5391 Feb 08 j 02:02	12°♐13'43	27°09'52
	-5391 Feb 22 j 02:46	0°♑	
morning set	-5391 Mar 10 j 23:57	0°♒31'46	
	-5391 Mar 10 j 17:49	0°♒	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-5391 Mar 17 j 16:35	14°♒52'17	1.32631 AU
superior conj	-5391 Mar 18 j 03:19	15°♒51'01	0°-8'-51
minimum elong	-5391 Mar 18 j 03:43	15°♒53'12	0°09'01
behind sun begin	-5391 Mar 17 j 23:35	15°♒30'33	
behind sun end	-5391 Mar 18 j 07:52	16°♒15'52	
asc. node	-5391 Mar 18 j 23:52	17°♒43'23	
	-5391 Mar 24 j 16:22	0°♓	
evening rise	-5391 Mar 25 j 04:01	1°♓01'13	
	-5391 Apr 10 j 03:12	0°♈	
evening max el	-5391 Apr 22 j 04:47	14°♈59'18	25°53'13
desc. node	-5391 May 01 j 11:42	21°♈19'37	
retrograde	-5391 May 06 j 07:07	22°♈14'44	
evening set	-5391 May 12 j 02:54	20°♈52'39	
min. Earth dist.	-5391 May 16 j 17:27	18°♈07'19	0.58666 AU
inferior conj	-5391 May 20 j 01:09	15°♈40'25	-3°-55'-10
minimum elong	-5391 May 19 j 22:06	15°♈46'05	3°54'46
morning rise	-5391 May 27 j 21:15	11°♈14'49	
direct	-5391 May 30 j 08:11	10°♈54'49	
morning max el	-5391 Jun 07 j 08:38	14°♈42'54	18°37'21
asc. node	-5391 Jun 14 j 23:51	24°♈47'23	
	-5391 Jun 18 j 00:21	0°♉	
morning set	-5391 Jun 23 j 14:46	10°♉32'38	
superior conj	-5391 Jul 02 j 14:33	27°♉47'31	1°49'27
minimum elong	-5391 Jul 02 j 14:15	27°♉46'04	1°49'42
	-5391 Jul 03 j 19:00	0°♊	
max. Earth dist.	-5391 Jul 09 j 17:38	10°♊44'10	1.39573 AU
evening rise	-5391 Jul 13 j 23:56	18°♊04'50	
	-5391 Jul 21 j 06:59	0°♋	
desc. node	-5391 Jul 28 j 10:09	10°♋55'49	
	-5391 Aug 11 j 06:21	0°♌	
evening max el	-5391 Aug 18 j 03:05	7°♌47'40	23°51'57
retrograde	-5391 Aug 28 j 21:35	14°♌08'46	
evening set	-5391 Sep 03 j 02:16	11°♌57'42	
inferior conj	-5391 Sep 08 j 10:21	5°♌37'57	0°-51'-8
minimum elong	-5391 Sep 08 j 11:31	5°♌33'58	0°50'24
min. Earth dist.	-5391 Sep 07 j 23:15	6°♌15'44	0.67302 AU
asc. node	-5391 Sep 10 j 23:10	2°♌19'20	
	-5391 Sep 13 j 04:15	30°℞♋	
morning rise	-5391 Sep 13 j 20:54	29°♋26'14	
direct	-5391 Sep 17 j 19:14	27°♋58'48	
	-5391 Sep 22 j 21:15	0°♌	
morning max el	-5391 Sep 26 j 03:41	2°♌54'07	20°57'12
greatest brilliancy	-5391 Oct 01 j 22:20	9°♌43'18	-0.5m
	-5391 Oct 16 j 02:47	0°♍	
desc. node	-5391 Oct 24 j 10:01	12°♍41'19	
morning set	-5391 Oct 25 j 14:39	14°♍32'43	
max. Earth dist.	-5391 Nov 03 j 10:40	28°♍36'17	1.42807 AU
	-5391 Nov 04 j 07:13	0°♎	
superior conj	-5391 Nov 10 j 04:38	9°♎46'52	-1°-32'-34
minimum elong	-5391 Nov 09 j 23:07	9°♎23'37	1°32'10
	-5391 Nov 21 j 19:17	0°♏	
evening rise	-5391 Nov 22 j 00:38	0°♏23'52	
asc. node	-5391 Dec 07 j 21:42	25°♏54'21	
evening max el	-5391 Dec 08 j 21:51	26°♏58'29	18°07'53
	-5391 Dec 13 j 04:44	0°♐	
retrograde	-5391 Dec 15 j 13:50	0°♐27'32	
	-5391 Dec 17 j 23:33	30°℞♏	
evening set	-5391 Dec 18 j 05:16	29°♏54'22	
inferior conj	-5391 Dec 24 j 20:09	24°♏46'14	3°59'50
minimum elong	-5391 Dec 24 j 18:11	24°♏51'08	3°59'25
min. Earth dist.	-5391 Dec 27 j 16:55	21°♏56'03	0.61957 AU
morning rise	-5391 Dec 31 j 04:58	18°♏58'19	
direct	-5390 Jan 07 j 06:16	16°♏26'49	
desc. node	-5390 Jan 20 j 10:11	23°♏21'15	
morning max el	-5390 Jan 21 j 05:19	24°♏07'06	27°39'24
	-5390 Jan 26 j 14:18	0°♐	
	-5390 Feb 15 j 08:17	0°♑	
morning set	-5390 Feb 23 j 05:01	15°♑09'48	
max. Earth dist.	-5390 Mar 01 j 03:55	27°♑42'00	1.32853 AU
	-5390 Mar 02 j 05:26	0°♒	
superior conj	-5390 Mar 02 j 13:59	0°♒46'22	0°-33'-22
minimum elong	-5390 Mar 02 j 15:26	0°♒54'17	0°33'22
asc. node	-5390 Mar 05 j 20:51	7°♒54'59	
evening rise	-5390 Mar 09 j 15:19	15°♒59'17	
	-5390 Mar 16 j 16:22	0°♓	
evening max el	-5390 Apr 03 j 22:02	25°♓56'58	24°29'42
	-5390 Apr 08 j 22:39	0°♈	
retrograde	-5390 Apr 17 j 19:59	2°♈57'38	
desc. node	-5390 Apr 18 j 08:55	2°♈56'58	
evening set	-5390 Apr 22 j 09:58	2°♈10'16	
	-5390 Apr 27 j 00:21	30°℞♓	
min. Earth dist.	-5390 Apr 28 j 10:06	29°♓08'57	0.56860 AU
inferior conj	-5390 May 01 j 03:19	27°♓24'25	-3°-6'-13
minimum elong	-5390 Apr 30 j 21:56	27°♓33'05	3°05'03
morning rise	-5390 May 09 j 14:04	23°♓17'32	
direct	-5390 May 12 j 00:05	23°♓01'24	
morning max el	-5390 May 21 j 08:36	27°♓22'40	19°27'29
	-5390 May 23 j 20:26	0°♈	
asc. node	-5390 Jun 01 j 20:50	13°♈46'45	
morning set	-5390 Jun 07 j 13:55	24°♈46'29	
	-5390 Jun 10 j 04:32	0°♉	
superior conj	-5390 Jun 15 j 19:31	11°♉11'44	1°43'36
minimum elong	-5390 Jun 15 j 17:32	11°♉02'00	1°43'40
max. Earth dist.	-5390 Jun 21 j 19:25	22°♉38'00	1.37664 AU
evening rise	-5390 Jun 25 j 17:30	29°♉44'40	
	-5390 Jun 25 j 20:57	0°♊	
	-5390 Jul 14 j 13:51	0°♋	
desc. node	-5390 Jul 15 j 07:15	1°♋02'24	
evening max el	-5390 Jul 31 j 13:33	21°♋15'27	25°09'53
retrograde	-5390 Aug 12 j 09:13	28°♋08'15	
evening set	-5390 Aug 18 j 05:04	25°♋38'40	
min. Earth dist.	-5390 Aug 22 j 16:46	20°♋33'13	0.66928 AU
inferior conj	-5390 Aug 23 j 14:55	19°♋20'23	-1°-42'-21
minimum elong	-5390 Aug 23 j 17:11	19°♋12'55	1°41'12
asc. node	-5390 Aug 28 j 20:19	13°♋33'34	
morning rise	-5390 Aug 29 j 05:46	13°♋16'52	
direct	-5390 Sep 01 j 17:00	12°♋07'10	
morning max el	-5390 Sep 09 j 04:56	16°♋27'28	19°49'32
greatest brilliancy	-5390 Sep 17 j 04:16	26°♋30'23	-0.6m
	-5390 Sep 19 j 14:24	0°♌	
morning set	-5390 Oct 04 j 14:19	22°♌51'30	
	-5390 Oct 09 j 04:20	0°♍	
desc. node	-5390 Oct 11 j 06:55	3°♍18'03	
max. Earth dist.	-5390 Oct 16 j 23:04	12°♍15'53	1.44090 AU
superior conj	-5390 Oct 21 j 07:06	19°♍12'45	-1°00'-10
minimum elong	-5390 Oct 21 j 00:53	18°♍47'38	0°59'23
	-5390 Oct 27 j 21:27	0°♎	
evening rise	-5390 Nov 04 j 01:55	12°♎03'18	
	-5390 Nov 14 j 19:56	0°♏	
evening max el	-5390 Nov 22 j 10:41	10°♏17'27	18°18'52
asc. node	-5390 Nov 24 j 18:53	12°♏19'39	
retrograde	-5390 Nov 29 j 00:26	13°♏52'19	
evening set	-5390 Dec 01 j 19:25	13°♏10'57	
inferior conj	-5390 Dec 08 j 00:41	7°♏43'09	3°35'02
minimum elong	-5390 Dec 07 j 21:35	7°♏51'46	3°34'15
min. Earth dist.	-5390 Dec 10 j 07:35	5°♏10'54	0.63678 AU
morning rise	-5390 Dec 13 j 22:11	1°♏43'27	
	-5390 Dec 16 j 13:43	30°℞♎	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

direct	-5390 Dec 20 j 22:03	28°♎56'08	
	-5390 Dec 25 j 13:45	0°♏	
morning max el	-5389 Jan 03 j 13:16	6°♏37'44	27°32'53
desc. node	-5389 Jan 07 j 07:10	10°♏36'57	
	-5389 Jan 21 j 12:57	0°♐	
morning set	-5389 Feb 07 j 03:12	29°♐23'28	
	-5389 Feb 07 j 10:32	0°♑	
max. Earth dist.	-5389 Feb 12 j 08:54	10°♑06'39	1.33457 AU
superior conj	-5389 Feb 14 j 21:50	15°♑29'34	0°-56'-53
minimum elong	-5389 Feb 15 j 00:11	15°♑42'06	0°56'48
asc. node	-5389 Feb 20 j 17:51	27°♑59'40	
	-5389 Feb 21 j 16:37	0°♒	
evening rise	-5389 Feb 22 j 02:45	0°♒53'17	
	-5389 Mar 10 j 17:22	0°♓	
evening max el	-5389 Mar 16 j 14:38	6°♓41'13	22°55'57
retrograde	-5389 Mar 29 j 20:28	13°♓10'50	
evening set	-5389 Apr 02 j 04:56	12°♓46'12	
desc. node	-5389 Apr 05 j 06:07	11°♓44'50	
min. Earth dist.	-5389 Apr 10 j 00:58	9°♓16'45	0.55620 AU
inferior conj	-5389 Apr 11 j 10:35	8°♓27'58	-1°-38'-56
minimum elong	-5389 Apr 11 j 06:25	8°♓34'02	1°37'47
morning rise	-5389 Apr 20 j 10:38	4°♓29'52	
direct	-5389 Apr 22 j 22:01	4°♓15'18	
morning max el	-5389 May 03 j 22:29	9°♓24'23	20°37'29
	-5389 May 18 j 01:41	0°♈	
asc. node	-5389 May 19 j 17:47	3°♈13'21	
morning set	-5389 May 22 j 19:27	9°♈22'39	
superior conj	-5389 May 30 j 12:23	25°♈14'08	1°30'54
minimum elong	-5389 May 30 j 09:41	25°♈00'23	1°30'44
	-5389 Jun 01 j 21:04	0°♉	
max. Earth dist.	-5389 Jun 04 j 02:13	4°♉22'32	1.35967 AU
evening rise	-5389 Jun 08 j 08:30	12°♉30'19	
	-5389 Jun 18 j 08:18	0°♊	
desc. node	-5389 Jul 02 j 04:22	20°♊44'47	
	-5389 Jul 09 j 13:29	0°♋	
evening max el	-5389 Jul 14 j 00:07	4°♋44'16	26°16'41
retrograde	-5389 Jul 26 j 16:14	11°♋58'05	
evening set	-5389 Aug 02 j 02:13	9°♋15'15	
min. Earth dist.	-5389 Aug 06 j 05:28	4°♋48'23	0.66211 AU
inferior conj	-5389 Aug 07 j 15:51	3°♋01'33	-2°-30'-9
minimum elong	-5389 Aug 07 j 18:58	2°♋51'51	2°28'49
	-5389 Aug 10 j 05:06	30°℞♊	
morning rise	-5389 Aug 13 j 12:32	27°♊09'19	
asc. node	-5389 Aug 15 j 17:26	26°♊18'46	
direct	-5389 Aug 16 j 15:00	26°♊14'09	
	-5389 Aug 23 j 09:35	0°♋	
morning max el	-5389 Aug 23 j 12:33	0°♋07'33	18°56'19
	-5389 Sep 12 j 23:38	0°♌	
morning set	-5389 Sep 14 j 05:24	1°♌58'10	
desc. node	-5389 Sep 28 j 03:47	23°♌59'36	
max. Earth dist.	-5389 Sep 29 j 15:22	26°♌19'51	1.44722 AU
superior conj	-5389 Sep 30 j 11:15	27°♌38'18	0°-14'-27
minimum elong	-5389 Sep 30 j 09:24	27°♌30'58	0°14'02
behind sun begin	-5389 Sep 30 j 03:29	27°♌07'37	
behind sun end	-5389 Sep 30 j 15:19	27°♌54'19	
	-5389 Oct 01 j 23:09	0°♍	
evening rise	-5389 Oct 16 j 03:42	22°♍39'41	
	-5389 Oct 20 j 16:31	0°♎	
evening max el	-5389 Nov 05 j 22:28	23°♎42'05	18°47'53
asc. node	-5389 Nov 11 j 16:04	27°♎25'38	
retrograde	-5389 Nov 12 j 17:20	27°♎31'50	
evening set	-5389 Nov 15 j 17:47	26°♎40'02	
inferior conj	-5389 Nov 21 j 15:23	20°♎55'25	2°58'19
minimum elong	-5389 Nov 21 j 12:07	21°♎05'21	2°57'18
min. Earth dist.	-5389 Nov 23 j 08:02	18°♎52'13	0.65079 AU
morning rise	-5389 Nov 27 j 05:20	14°♎47'00	
direct	-5389 Dec 03 j 20:29	11°♎58'27	
morning max el	-5389 Dec 16 j 22:52	19°♎32'49	26°54'06
desc. node	-5389 Dec 25 j 04:07	28°♎58'45	
	-5389 Dec 25 j 23:06	0°♏	
	-5388 Jan 14 j 12:49	0°♐	
morning set	-5388 Jan 21 j 15:10	13°♐01'28	
max. Earth dist.	-5388 Jan 26 j 03:51	21°♐56'23	1.34485 AU
superior conj	-5388 Jan 30 j 00:47	29°♐53'22	-1°-18'-16
minimum elong	-5388 Jan 30 j 03:39	0°♑08'21	1°18'12
	-5388 Jan 30 j 02:03	0°♑	
evening rise	-5388 Feb 06 j 12:32	15°♑36'43	
asc. node	-5388 Feb 07 j 14:53	17°♑52'33	
	-5388 Feb 13 j 20:55	0°♒	
evening max el	-5388 Feb 26 j 12:48	17°♒39'07	21°25'31
retrograde	-5388 Mar 09 j 11:11	23°♒21'08	
evening set	-5388 Mar 12 j 01:33	23°♒05'49	
inferior conj	-5388 Mar 21 j 06:56	19°♒05'51	0°13'56
minimum elong	-5388 Mar 21 j 07:34	19°♒04'58	0°13'30
transit middle	-5388 Mar 21 j 07:34	19°♒04'58	0°13'30
transit begin	-5388 Mar 21 j 05:25	19°♒07'59	
transit end	-5388 Mar 21 j 09:42	19°♒01'56	
min. Earth dist.	-5388 Mar 21 j 15:24	18°♒53'53	0.55221 AU
desc. node	-5388 Mar 22 j 03:16	18°♒37'09	
morning rise	-5388 Mar 30 j 13:19	15°♒00'20	
direct	-5388 Apr 02 j 10:56	14°♒41'48	
morning max el	-5388 Apr 15 j 01:25	20°♒44'32	22°04'41
	-5388 Apr 22 j 18:47	0°♓	
asc. node	-5388 May 05 j 14:42	23°♓00'08	
morning set	-5388 May 06 j 05:07	24°♓14'38	
	-5388 May 08 j 23:01	0°♈	
superior conj	-5388 May 13 j 13:32	9°♈43'48	1°13'24
minimum elong	-5388 May 13 j 10:52	9°♈29'47	1°13'02
max. Earth dist.	-5388 May 16 j 18:47	16°♈24'28	1.34606 AU
evening rise	-5388 May 21 j 15:30	26°♈06'22	
	-5388 May 23 j 16:23	0°♉	
	-5388 Jun 10 j 17:17	0°♊	
desc. node	-5388 Jun 18 j 01:31	9°♊52'41	
evening max el	-5388 Jun 25 j 11:28	18°♊08'04	27°04'08
retrograde	-5388 Jul 08 j 18:05	25°♊31'35	
evening set	-5388 Jul 15 j 15:09	22°♊44'23	
min. Earth dist.	-5388 Jul 19 j 11:08	18°♊55'58	0.65121 AU
inferior conj	-5388 Jul 21 j 11:02	16°♊38'19	-3°-12'-20
minimum elong	-5388 Jul 21 j 14:31	16°♊28'18	3°11'10
morning rise	-5388 Jul 27 j 15:08	11°♊00'37	
direct	-5388 Jul 30 j 11:11	10°♊16'49	
asc. node	-5388 Aug 01 j 14:29	10°♊41'24	
morning max el	-5388 Aug 06 j 00:48	13°♊51'39	18°19'32
	-5388 Aug 17 j 10:51	0°♋	
morning set	-5388 Aug 24 j 22:56	12°♋21'55	
	-5388 Sep 04 j 18:20	0°♌	
superior conj	-5388 Sep 08 j 12:12	5°♌59'14	0°34'11
minimum elong	-5388 Sep 08 j 16:19	6°♌15'37	0°33'55
max. Earth dist.	-5388 Sep 11 j 09:10	10°♌32'44	1.44636 AU
desc. node	-5388 Sep 14 j 00:42	14°♌43'21	
	-5388 Sep 23 j 18:41	0°♍	
evening rise	-5388 Sep 25 j 04:09	2°♍10'41	
greatest brilliancy	-5388 Oct 10 j 11:43	25°♍43'19	-0.7m
	-5388 Oct 13 j 11:39	0°♎	
evening max el	-5388 Oct 19 j 06:51	7°♎09'06	19°33'29
retrograde	-5388 Oct 26 j 13:31	11°♎21'55	
asc. node	-5388 Oct 28 j 13:15	10°♎58'57	
evening set	-5388 Oct 29 j 21:38	10°♎16'57	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

inferior conj	-5388 Nov 04 j 13:20	4°♎18'35	2°13'49
minimum elong	-5388 Nov 04 j 10:34	4°♎27'35	2°12'50
min. Earth dist.	-5388 Nov 05 j 16:47	2°♎49'44	0.66134 AU
	-5388 Nov 08 j 00:36	30°℞♍	
morning rise	-5388 Nov 09 j 22:43	28°♍04'09	
direct	-5388 Nov 16 j 00:46	25°♍26'02	
	-5388 Nov 25 j 10:57	0°♎	
morning max el	-5388 Nov 28 j 08:10	2°♎41'01	25°50'23
desc. node	-5388 Dec 11 j 01:01	18°♎07'12	
	-5388 Dec 19 j 04:12	0°♏	
morning set	-5387 Jan 03 j 12:31	25°♏50'29	
	-5387 Jan 05 j 18:12	0°♐	
max. Earth dist.	-5387 Jan 07 j 11:12	3°♐14'48	1.35960 AU
superior conj	-5387 Jan 12 j 20:17	13°♐49'56	-1°-36'-2
minimum elong	-5387 Jan 12 j 23:05	14°♐03'59	1°36'04
evening rise	-5387 Jan 20 j 18:50	0°♑03'43	
	-5387 Jan 20 j 18:06	0°♑	
asc. node	-5387 Jan 24 j 11:55	7°♑28'22	
evening max el	-5387 Feb 07 j 20:32	29°♑07'59	20°08'05
	-5387 Feb 08 j 19:34	0°♒	
retrograde	-5387 Feb 18 j 02:48	3°♒59'01	
evening set	-5387 Feb 20 j 11:59	3°♒44'30	
	-5387 Feb 28 j 19:54	30°℞♑	
inferior conj	-5387 Mar 01 j 05:54	29°♑44'56	2°02'25
minimum elong	-5387 Mar 01 j 10:36	29°♑37'49	2°00'43
min. Earth dist.	-5387 Mar 03 j 05:29	28°♑33'20	0.55751 AU
desc. node	-5387 Mar 09 j 00:25	25°♑40'39	
morning rise	-5387 Mar 10 j 06:31	25°♑16'43	
direct	-5387 Mar 14 j 03:12	24°♑43'56	
	-5387 Mar 26 j 03:01	0°♒	
morning max el	-5387 Mar 27 j 19:29	1°♒31'11	23°42'16
	-5387 Apr 16 j 03:10	0°♓	
morning set	-5387 Apr 20 j 16:56	9°♓15'36	
asc. node	-5387 Apr 22 j 11:36	13°♓00'51	
superior conj	-5387 Apr 27 j 20:12	24°♓31'27	0°52'35
minimum elong	-5387 Apr 27 j 18:05	24°♓20'01	0°52'08
max. Earth dist.	-5387 Apr 29 j 21:14	28°♓53'03	1.33614 AU
	-5387 Apr 30 j 09:53	0°♈	
evening rise	-5387 May 05 j 09:53	10°♈18'04	
	-5387 May 16 j 00:54	0°♉	
desc. node	-5387 Jun 04 j 22:42	28°♉10'44	
	-5387 Jun 06 j 16:08	0°♊	
evening max el	-5387 Jun 07 j 22:01	1°♊14'00	27°25'03
retrograde	-5387 Jun 21 j 13:57	8°♊39'37	
evening set	-5387 Jun 28 j 16:41	6°♊00'01	
min. Earth dist.	-5387 Jul 02 j 07:45	2°♊45'47	0.63650 AU
inferior conj	-5387 Jul 04 j 21:50	0°♊04'32	-3°-45'-57
minimum elong	-5387 Jul 05 j 00:54	29°♉56'32	3°45'12
	-5387 Jul 04 j 23:34	30°℞♉	
morning rise	-5387 Jul 11 j 10:57	24°♉44'35	
direct	-5387 Jul 14 j 02:40	24°♉09'34	
asc. node	-5387 Jul 19 j 11:30	26°♉30'32	
morning max el	-5387 Jul 20 j 15:14	27°♉34'23	18°00'18
	-5387 Jul 22 j 19:19	0°♊	
morning set	-5387 Aug 06 j 17:58	23°♊58'05	
	-5387 Aug 10 j 05:50	0°♋	
superior conj	-5387 Aug 19 j 07:19	15°♋15'12	1°13'38
minimum elong	-5387 Aug 19 j 13:21	15°♋40'01	1°13'19
max. Earth dist.	-5387 Aug 25 j 01:14	24°♋35'23	1.43844 AU
	-5387 Aug 28 j 10:45	0°♌	
desc. node	-5387 Aug 31 j 21:38	5°♌25'54	
evening rise	-5387 Sep 04 j 10:07	10°♌54'16	
	-5387 Sep 16 j 23:59	0°♍	
greatest brilliancy	-5387 Sep 26 j 04:39	13°♍06'24	-0.5m
evening max el	-5387 Oct 02 j 09:48	20°♍35'30	20°33'46
retrograde	-5387 Oct 10 j 10:36	25°♍19'20	
evening set	-5387 Oct 14 j 04:39	23°♍58'18	
asc. node	-5387 Oct 15 j 10:25	22°♍56'03	
inferior conj	-5387 Oct 19 j 16:07	17°♍49'27	1°24'26
minimum elong	-5387 Oct 19 j 14:14	17°♍55'47	1°23'46
min. Earth dist.	-5387 Oct 20 j 07:48	16°♍56'26	0.66847 AU
morning rise	-5387 Oct 24 j 23:21	11°♍31'46	
direct	-5387 Oct 30 j 10:13	9°♍11'21	
morning max el	-5387 Nov 10 j 17:00	15°♍54'37	24°30'57
	-5387 Nov 22 j 08:37	0°♎	
desc. node	-5387 Nov 27 j 21:55	7°♎48'44	
	-5387 Dec 12 j 03:06	0°♏	
morning set	-5387 Dec 16 j 13:43	7°♏35'17	
max. Earth dist.	-5387 Dec 20 j 09:53	14°♏25'25	1.37811 AU
superior conj	-5387 Dec 27 j 05:01	27°♏09'40	-1°-48'-7
minimum elong	-5387 Dec 27 j 06:47	27°♏18'14	1°48'18
	-5387 Dec 28 j 16:06	0°♐	
evening rise	-5386 Jan 04 j 19:27	14°♐08'11	
asc. node	-5386 Jan 11 j 09:00	26°♐40'47	
	-5386 Jan 13 j 06:48	0°♑	
evening max el	-5386 Jan 21 j 14:33	11°♑12'19	19°08'49
retrograde	-5386 Jan 30 j 07:57	15°♑22'11	
evening set	-5386 Feb 01 j 17:48	15°♑04'29	
inferior conj	-5386 Feb 09 j 19:48	10°♑51'10	3°19'50
minimum elong	-5386 Feb 10 j 00:33	10°♑42'59	3°18'34
min. Earth dist.	-5386 Feb 12 j 20:20	8°♑47'09	0.57065 AU
morning rise	-5386 Feb 18 j 03:41	5°♑54'04	
direct	-5386 Feb 23 j 06:32	4°♑52'58	
desc. node	-5386 Feb 23 j 21:32	4°♑53'53	
morning max el	-5386 Mar 09 j 10:25	12°♑08'29	25°18'05
	-5386 Mar 23 j 04:55	0°♒	
morning set	-5386 Apr 05 j 05:15	24°♒19'46	
	-5386 Apr 07 j 21:14	0°♓	
asc. node	-5386 Apr 09 j 08:33	3°♓10'53	
superior conj	-5386 Apr 12 j 06:18	9°♓30'18	0°29'36
minimum elong	-5386 Apr 12 j 05:02	9°♓23'24	0°29'12
max. Earth dist.	-5386 Apr 13 j 06:53	11°♓43'48	1.32973 AU
evening rise	-5386 Apr 19 j 12:10	24°♓54'27	
	-5386 Apr 22 j 00:51	0°♈	
	-5386 May 09 j 16:45	0°♉	
evening max el	-5386 May 21 j 05:19	13°♉49'23	27°14'25
desc. node	-5386 May 22 j 19:52	15°♉17'58	
retrograde	-5386 Jun 04 j 03:21	21°♉13'44	
evening set	-5386 Jun 11 j 03:04	18°♉55'36	
min. Earth dist.	-5386 Jun 14 j 18:27	16°♉05'14	0.61841 AU
inferior conj	-5386 Jun 17 j 21:09	13°♉13'27	-4°-6'-31
minimum elong	-5386 Jun 17 j 22:42	13°♉09'53	4°06'14
morning rise	-5386 Jun 24 j 20:59	8°♉14'03	
direct	-5386 Jun 27 j 10:04	7°♉45'54	
morning max el	-5386 Jul 04 j 05:17	11°♉10'23	17°59'27
asc. node	-5386 Jul 06 j 08:30	13°♉31'03	
	-5386 Jul 16 j 18:29	0°♊	
morning set	-5386 Jul 20 j 09:31	6°♊33'10	
superior conj	-5386 Jul 31 j 05:55	25°♊53'07	1°38'16
minimum elong	-5386 Jul 31 j 09:58	26°♊10'38	1°38'18
	-5386 Aug 02 j 15:32	0°♋	
max. Earth dist.	-5386 Aug 07 j 12:24	8°♋08'40	1.42456 AU
evening rise	-5386 Aug 14 j 15:43	19°♋38'22	
desc. node	-5386 Aug 18 j 18:37	26°♋04'02	
	-5386 Aug 21 j 08:14	0°♌	
greatest brilliancy	-5386 Sep 10 j 08:16	28°♌22'40	-0.4m
	-5386 Sep 11 j 16:10	0°♍	
evening max el	-5386 Sep 15 j 06:20	4°♍00'02	21°45'51

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

retrograde	-5386 Sep 24 j 06:43	9°♍21'10	
evening set	-5386 Sep 28 j 12:50	7°♍41'40	
asc. node	-5386 Oct 02 j 07:35	3°♍35'01	
inferior conj	-5386 Oct 03 j 21:40	1°♍25'43	0°32'16
minimum elong	-5386 Oct 03 j 20:55	1°♍28'18	0°32'08
min. Earth dist.	-5386 Oct 04 j 02:43	1°♍08'18	0.67250 AU
	-5386 Oct 04 j 22:39	30°℞♌	
morning rise	-5386 Oct 09 j 04:47	25°♌07'43	
direct	-5386 Oct 14 j 00:23	23°♌08'07	
morning max el	-5386 Oct 24 j 03:10	29°♌10'52	23°05'09
	-5386 Oct 24 j 22:09	0°♍	
greatest brilliancy	-5386 Oct 29 j 04:11	4°♍51'50	-0.3m
desc. node	-5386 Nov 14 j 18:47	27°♍53'20	
	-5386 Nov 16 j 04:18	0°♎	
morning set	-5386 Nov 27 j 12:49	18°♎00'46	
max. Earth dist.	-5386 Dec 02 j 06:29	26°♎00'58	1.39856 AU
	-5386 Dec 04 j 13:26	0°♏	
superior conj	-5386 Dec 09 j 22:27	9°♏39'42	-1°-51'-52
minimum elong	-5386 Dec 09 j 22:00	9°♏37'35	1°52'03
evening rise	-5386 Dec 19 j 11:42	27°♏42'20	
	-5386 Dec 20 j 16:32	0°♐	
asc. node	-5386 Dec 29 j 06:09	15°♐21'03	
evening max el	-5385 Jan 04 j 17:16	23°♐46'52	18°29'27
retrograde	-5385 Jan 12 j 07:18	27°♐29'58	
evening set	-5385 Jan 14 j 19:02	27°♐07'14	
inferior conj	-5385 Jan 22 j 05:40	22°♐33'48	3°59'03
minimum elong	-5385 Jan 22 j 07:44	22°♐29'38	3°58'35
min. Earth dist.	-5385 Jan 25 j 14:15	19°♐53'41	0.58878 AU
morning rise	-5385 Jan 29 j 17:05	17°♐11'54	
direct	-5385 Feb 04 j 22:38	15°♐32'16	
desc. node	-5385 Feb 10 j 18:38	16°♐55'29	
morning max el	-5385 Feb 19 j 04:12	23°♐03'09	26°37'06
	-5385 Feb 25 j 09:45	0°♑	
	-5385 Mar 16 j 01:27	0°♒	
morning set	-5385 Mar 20 j 16:17	9°♒19'31	
asc. node	-5385 Mar 27 j 05:31	23°♒24'56	
superior conj	-5385 Mar 27 j 17:56	24°♒32'51	0°05'22
minimum elong	-5385 Mar 27 j 17:42	24°♒31'36	0°05'07
behind sun begin	-5385 Mar 27 j 12:57	24°♒05'37	
behind sun end	-5385 Mar 27 j 22:27	24°♒57'35	
max. Earth dist.	-5385 Mar 27 j 20:03	24°♒44'25	1.32661 AU
	-5385 Mar 30 j 05:53	0°♓	
evening rise	-5385 Apr 03 j 19:37	9°♓45'20	
	-5385 Apr 14 j 09:37	0°♈	
evening max el	-5385 May 03 j 07:09	25°♈45'04	26°31'14
	-5385 May 08 j 12:11	0°♉	
desc. node	-5385 May 09 j 17:04	0°♉45'09	
retrograde	-5385 May 17 j 09:10	3°♉05'50	
evening set	-5385 May 23 j 18:24	1°♉21'29	
	-5385 May 25 j 23:46	30°℞♈	
min. Earth dist.	-5385 May 27 j 20:16	28°♈39'05	0.59822 AU
inferior conj	-5385 May 31 j 05:25	25°♈56'26	-4°-7'-16
minimum elong	-5385 May 31 j 04:14	25°♈58'50	4°07'06
morning rise	-5385 Jun 07 j 17:41	21°♈18'52	
direct	-5385 Jun 10 j 05:06	20°♈56'19	
morning max el	-5385 Jun 17 j 16:09	24°♈32'06	18°17'51
	-5385 Jun 22 j 05:32	0°♉	
asc. node	-5385 Jun 23 j 05:30	1°♉27'43	
morning set	-5385 Jul 03 j 16:31	19°♉54'36	
	-5385 Jul 09 j 00:43	0°♊	
superior conj	-5385 Jul 13 j 06:02	7°♊47'54	1°48'44
minimum elong	-5385 Jul 13 j 07:09	7°♊52'59	1°48'59
max. Earth dist.	-5385 Jul 20 j 17:21	20°♊59'16	1.40671 AU
evening rise	-5385 Jul 25 j 16:06	29°♊16'43	
	-5385 Jul 26 j 02:40	0°♋	
desc. node	-5385 Aug 05 j 15:39	16°♋33'58	
	-5385 Aug 14 j 21:12	0°♌	
greatest brilliancy	-5385 Aug 23 j 13:41	11°♌26'39	-0.3m
evening max el	-5385 Aug 28 j 21:07	17°♌24'13	23°05'23
retrograde	-5385 Sep 08 j 00:22	23°♌24'51	
evening set	-5385 Sep 12 j 20:21	21°♌25'25	
inferior conj	-5385 Sep 18 j 04:12	15°♌05'58	0°-20'-48
minimum elong	-5385 Sep 18 j 04:40	15°♌04'21	0°20'22
min. Earth dist.	-5385 Sep 17 j 23:05	15°♌23'36	0.67360 AU
asc. node	-5385 Sep 19 j 04:44	13°♌42'01	
morning rise	-5385 Sep 23 j 13:00	8°♌50'49	
direct	-5385 Sep 27 j 18:32	7°♌12'04	
morning max el	-5385 Oct 06 j 17:34	12°♌31'36	21°41'36
greatest brilliancy	-5385 Oct 11 j 18:53	18°♌20'19	-0.4m
	-5385 Oct 20 j 09:27	0°♍	
desc. node	-5385 Nov 01 j 15:41	18°♍14'25	
morning set	-5385 Nov 07 j 07:49	27°♍06'05	
	-5385 Nov 09 j 03:27	0°♎	
max. Earth dist.	-5385 Nov 14 j 07:27	8°♎24'40	1.41819 AU
superior conj	-5385 Nov 21 j 19:10	21°♎06'45	-1°-43'-52
minimum elong	-5385 Nov 21 j 15:26	20°♎50'34	1°43'46
	-5385 Nov 26 j 19:44	0°♏	
evening rise	-5385 Dec 02 j 16:13	10°♏38'59	
	-5385 Dec 13 j 19:07	0°♐	
asc. node	-5385 Dec 16 j 03:17	3°♐19'14	
evening max el	-5385 Dec 19 j 02:14	6°♐44'50	18°10'08
retrograde	-5385 Dec 25 j 23:25	10°♐15'12	
evening set	-5385 Dec 28 j 13:19	9°♐46'12	
inferior conj	-5384 Jan 04 j 10:47	4°♐50'51	4°06'23
minimum elong	-5384 Jan 04 j 10:00	4°♐52'37	4°06'05
min. Earth dist.	-5384 Jan 07 j 14:17	1°♐57'40	0.60861 AU
	-5384 Jan 09 j 23:55	30°℞♏	
morning rise	-5384 Jan 11 j 04:05	29°♏11'04	
direct	-5384 Jan 18 j 01:47	26°♏54'54	
	-5384 Jan 26 j 16:16	0°♐	
desc. node	-5384 Jan 28 j 15:42	1°♐26'59	
morning max el	-5384 Feb 01 j 03:51	4°♐33'19	27°26'41
	-5384 Feb 20 j 02:06	0°♑	
morning set	-5384 Mar 04 j 00:09	24°♑07'54	
	-5384 Mar 06 j 19:21	0°♒	
max. Earth dist.	-5384 Mar 10 j 08:59	7°♒41'27	1.32683 AU
superior conj	-5384 Mar 11 j 05:27	9°♒33'02	0°-19'-18
minimum elong	-5384 Mar 11 j 06:19	9°♒37'44	0°19'24
asc. node	-5384 Mar 13 j 02:30	13°♒38'52	
evening rise	-5384 Mar 18 j 06:03	24°♒43'04	
	-5384 Mar 20 j 19:28	0°♓	
	-5384 Apr 07 j 20:17	0°♈	
evening max el	-5384 Apr 14 j 03:05	7°♈01'26	25°19'46
desc. node	-5384 Apr 25 j 14:17	13°♈56'20	
retrograde	-5384 Apr 28 j 05:03	14°♈12'30	
evening set	-5384 May 03 j 12:32	13°♈06'24	
min. Earth dist.	-5384 May 08 j 15:44	10°♈15'29	0.57847 AU
inferior conj	-5384 May 11 j 19:12	8°♈04'26	-3°-39'-4
minimum elong	-5384 May 11 j 14:54	8°♈11'58	3°38'22
morning rise	-5384 May 19 j 21:28	3°♈47'24	
direct	-5384 May 22 j 07:44	3°♈29'20	
morning max el	-5384 May 30 j 20:53	7°♈30'07	18°56'11
asc. node	-5384 Jun 09 j 02:29	20°♈07'29	
	-5384 Jun 14 j 11:05	0°♉	
morning set	-5384 Jun 16 j 10:45	3°♉51'58	
superior conj	-5384 Jun 25 j 02:01	20°♉43'44	1°47'57
minimum elong	-5384 Jun 25 j 00:52	20°♉38'15	1°48'08
	-5384 Jun 30 j 01:00	0°♊	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-5384 Jul 01 j 18:38	3°♊08'38	1.38743 AU	
evening rise	-5384 Jul 05 j 19:04	10°♊13'08		
	-5384 Jul 17 j 23:01	0°♋		
desc. node	-5384 Jul 22 j 12:42	6°♋50'43		
	-5384 Aug 09 j 12:27	0°♌		
evening max el	-5384 Aug 10 j 08:27	0°♌50'39	24°26'07	
retrograde	-5384 Aug 21 j 14:21	7°♌26'37		
evening set	-5384 Aug 27 j 01:22	5°♌07'34		
	-5384 Aug 31 j 12:34	30°℞♋		
inferior conj	-5384 Sep 01 j 09:58	28°♋48'02	-1°-13'-11	
minimum elong	-5384 Sep 01 j 11:38	28°♋42'27	1°12'14	
min. Earth dist.	-5384 Aug 31 j 18:22	29°♋40'31	0.67175 AU	
asc. node	-5384 Sep 05 j 01:53	24°♋16'37		
morning rise	-5384 Sep 06 j 22:07	22°♋39'08		
direct	-5384 Sep 10 j 15:29	21°♋19'28		
morning max el	-5384 Sep 18 j 14:29	25°♋59'13	20°26'47	
	-5384 Sep 22 j 03:04	0°♌		
greatest brilliancy	-5384 Sep 25 j 03:51	3°♌55'38	-0.5m	
	-5384 Oct 12 j 20:37	0°♍		
morning set	-5384 Oct 16 j 08:13	5°♍22'41		
desc. node	-5384 Oct 18 j 12:33	8°♍46'19		
max. Earth dist.	-5384 Oct 26 j 15:44	21°♍39'17	1.43422 AU	
	-5384 Oct 31 j 18:49	0°♎		
superior conj	-5384 Nov 01 j 13:38	1°♎17'36	-1°-20'-49	
minimum elong	-5384 Nov 01 j 07:17	0°♎51'24	1°20'11	
evening rise	-5384 Nov 14 j 04:43	22°♎48'44		
	-5384 Nov 18 j 07:37	0°♏		
evening max el	-5384 Dec 01 j 14:29	19°♏58'06	18°10'21	
asc. node	-5384 Dec 02 j 00:26	20°♏22'36		
retrograde	-5384 Dec 08 j 04:24	23°♏28'03		
evening set	-5384 Dec 10 j 21:15	22°♏51'32		
inferior conj	-5384 Dec 17 j 07:48	17°♏34'56	3°51'06	
minimum elong	-5384 Dec 17 j 05:13	17°♏41'41	3°50'31	
min. Earth dist.	-5384 Dec 19 j 22:59	14°♏50'32	0.62728 AU	
morning rise	-5384 Dec 23 j 11:20	11°♏41'55		
direct	-5384 Dec 30 j 13:20	9°♏01'35		
morning max el	-5383 Jan 13 j 09:09	16°♏42'47	27°40'51	
desc. node	-5383 Jan 14 j 12:44	17°♏52'15		
	-5383 Jan 24 j 11:16	0°♐		
	-5383 Feb 11 j 17:06	0°♑		
morning set	-5383 Feb 16 j 02:39	8°♑37'09		
max. Earth dist.	-5383 Feb 21 j 18:02	20°♑22'09	1.33062 AU	
superior conj	-5383 Feb 23 j 15:12	24°♑24'47	0°-43'-31	
minimum elong	-5383 Feb 23 j 17:03	24°♑34'51	0°43'28	
	-5383 Feb 26 j 05:09	0°♒		
asc. node	-5383 Feb 27 j 23:30	3°♒48'38		
evening rise	-5383 Mar 02 j 17:39	9°♒40'57		
	-5383 Mar 13 j 08:41	0°♓		
evening max el	-5383 Mar 26 j 19:40	17°♓52'00	23°50'17	
retrograde	-5383 Apr 09 j 12:29	24°♓40'57		
desc. node	-5383 Apr 12 j 11:30	24°♓21'28		
evening set	-5383 Apr 13 j 13:04	24°♓05'14		
min. Earth dist.	-5383 Apr 20 j 07:31	20°♓53'30	0.56248 AU	
inferior conj	-5383 Apr 22 j 13:00	19°♓31'54	-2°-33'-41	
minimum elong	-5383 Apr 22 j 07:35	19°♓40'13	2°32'19	
morning rise	-5383 May 01 j 05:46	15°♓30'00		
direct	-5383 May 03 j 15:56	15°♓14'50		
morning max el	-5383 May 13 j 16:46	19°♓55'13	19°54'48	
	-5383 May 21 j 15:09	0°♈		
asc. node	-5383 May 26 j 23:26	9°♈20'09		
morning set	-5383 May 31 j 13:00	18°♈17'10		
	-5383 Jun 06 j 07:33	0°♉		
superior conj	-5383 Jun 08 j 12:36	4°♉26'17	1°38'54	
minimum elong	-5383 Jun 08 j 10:12	4°♉14'21	1°38'53	
max. Earth dist.	-5383 Jun 13 j 22:12	14°♉57'09	1.36914 AU	
evening rise	-5383 Jun 17 j 22:32	22°♉23'51		
	-5383 Jun 22 j 05:41	0°♊		
desc. node	-5383 Jul 09 j 09:47	26°♊48'17		
	-5383 Jul 11 j 17:36	0°♋		
evening max el	-5383 Jul 23 j 19:01	14°♋20'25	25°40'11	
retrograde	-5383 Aug 04 j 23:54	21°♋22'42		
evening set	-5383 Aug 11 j 02:00	18°♋46'54		
min. Earth dist.	-5383 Aug 15 j 10:07	13°♋57'38	0.66672 AU	
inferior conj	-5383 Aug 16 j 13:13	12°♋30'26	-2°-3'-9	
minimum elong	-5383 Aug 16 j 15:54	12°♋21'49	2°01'53	
morning rise	-5383 Aug 22 j 06:21	6°♋31'13		
asc. node	-5383 Aug 22 j 23:00	6°♋07'24		
direct	-5383 Aug 25 j 13:41	5°♋27'54		
morning max el	-5383 Sep 01 j 18:30	9°♋35'21	19°24'57	
greatest brilliancy	-5383 Sep 11 j 12:12	22°♋21'42	-0.7m	
	-5383 Sep 16 j 13:10	0°♌		
morning set	-5383 Sep 25 j 12:06	13°♌55'28		
desc. node	-5383 Oct 05 j 09:24	29°♌25'15		
	-5383 Oct 05 j 18:13	0°♍		
max. Earth dist.	-5383 Oct 09 j 06:29	5°♍32'40	1.44450 AU	
superior conj	-5383 Oct 12 j 05:01	10°♍12'49	0°-41'-57	
minimum elong	-5383 Oct 12 j 00:03	9°♍53'01	0°41'13	
	-5383 Oct 24 j 09:55	0°♎		
evening rise	-5383 Oct 26 j 20:24	4°♎01'56		
	-5383 Nov 12 j 06:49	0°♏		
evening max el	-5383 Nov 15 j 03:10	3°♏19'55	18°29'08	
asc. node	-5383 Nov 18 j 21:37	6°♏16'04		
retrograde	-5383 Nov 21 j 18:04	6°♏59'49		
evening set	-5383 Nov 24 j 15:15	6°♏14'07		
inferior conj	-5383 Nov 30 j 17:00	0°♏38'38	3°20'39	
minimum elong	-5383 Nov 30 j 13:43	0°♏48'07	3°19'44	
	-5383 Dec 01 j 06:18	30°℞♎		
min. Earth dist.	-5383 Dec 02 j 17:40	28°♎18'07	0.64315 AU	
morning rise	-5383 Dec 06 j 10:53	24°♎35'08		
direct	-5383 Dec 13 j 07:47	21°♎45'55		
morning max el	-5383 Dec 26 j 18:02	29°♎24'50	27°20'05	
	-5383 Dec 27 j 08:04	0°♏		
desc. node	-5382 Jan 01 j 09:42	5°♏38'44		
	-5382 Jan 18 j 07:55	0°♐		
morning set	-5382 Jan 30 j 20:55	22°♐37'03		
	-5382 Feb 03 j 13:24	0°♑		
max. Earth dist.	-5382 Feb 04 j 19:18	2°♑33'44	1.33842 AU	
superior conj	-5382 Feb 07 j 21:13	9°♑00'48	-1°-6'-17	
minimum elong	-5382 Feb 07 j 23:51	9°♑14'42	1°06'11	
asc. node	-5382 Feb 14 j 20:30	23°♑49'15		
evening rise	-5382 Feb 15 j 04:36	24°♑31'41		
	-5382 Feb 17 j 20:30	0°♒		
evening max el	-5382 Mar 08 j 13:58	28°♒39'24	22°16'24	
	-5382 Mar 10 j 01:49	0°♓		
retrograde	-5382 Mar 21 j 07:42	4°♓50'01		
evening set	-5382 Mar 24 j 07:03	4°♓30'33		
desc. node	-5382 Mar 30 j 08:42	2°♓09'10		
min. Earth dist.	-5382 Apr 01 j 21:46	0°♓45'21	0.55343 AU	
inferior conj	-5382 Apr 02 j 14:15	0°♓22'01	0°-52'-44	
minimum elong	-5382 Apr 02 j 11:51	0°♓25'25	0°52'07	
	-5382 Apr 03 j 05:49	30°℞♒		
morning rise	-5382 Apr 11 j 18:16	26°♒23'20		
direct	-5382 Apr 14 j 08:45	26°♒07'54		
	-5382 Apr 24 j 03:54	0°♓		
morning max el	-5382 Apr 26 j 01:54	1°♓39'10	21°12'42	
asc. node	-5382 May 13 j 20:21	28°♓56'27		
	-5382 May 14 j 08:58	0°♈		
morning set	-5382 May 15 j 20:34	3°♈01'29		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5382 May 23 j 09:24	18°♈41'51	1°23'58
minimum elong	-5382 May 23 j 06:38	18°♈27'35	1°23'42
max. Earth dist.	-5382 May 27 j 09:13	26°♈48'38	1.35350 AU
	-5382 May 28 j 23:55	0°♉	
evening rise	-5382 May 31 j 21:00	5°♉32'55	
	-5382 Jun 14 j 23:59	0°♊	
desc. node	-5382 Jun 26 j 06:55	16°♊17'37	
evening max el	-5382 Jul 06 j 05:58	27°♊48'16	26°39'33
	-5382 Jul 08 j 15:26	0°♋	
retrograde	-5382 Jul 19 j 04:36	5°♋06'49	
evening set	-5382 Jul 25 j 19:58	2°♋20'41	
	-5382 Jul 28 j 05:43	30°℞♊	
min. Earth dist.	-5382 Jul 29 j 19:57	28°♊10'38	0.65803 AU
inferior conj	-5382 Jul 31 j 11:58	26°♊10'08	-2°-48'-52
minimum elong	-5382 Jul 31 j 15:20	26°♊00'02	2°47'34
morning rise	-5382 Aug 06 j 11:39	20°♊23'55	
direct	-5382 Aug 09 j 11:10	19°♊33'54	
asc. node	-5382 Aug 09 j 20:04	19°♊34'40	
morning max el	-5382 Aug 16 j 04:25	23°♊17'57	18°38'36
	-5382 Aug 21 j 13:42	0°♋	
morning set	-5382 Sep 05 j 13:58	23°♋34'14	
	-5382 Sep 09 j 13:54	0°♌	
superior conj	-5382 Sep 21 j 04:50	18°♌27'48	0°06'40
minimum elong	-5382 Sep 21 j 05:43	18°♌31'20	0°06'46
behind sun begin	-5382 Sep 20 j 19:15	17°♌50'00	
behind sun end	-5382 Sep 21 j 16:12	19°♌12'39	
max. Earth dist.	-5382 Sep 22 j 00:16	19°♌44'29	1.44774 AU
desc. node	-5382 Sep 22 j 06:16	20°♌08'09	
	-5382 Sep 28 j 12:26	0°♍	
evening rise	-5382 Oct 07 j 11:20	14°♍10'36	
	-5382 Oct 17 j 11:07	0°♎	
evening max el	-5382 Oct 29 j 13:43	16°♎45'48	19°05'21
retrograde	-5382 Nov 05 j 12:51	20°♎44'40	
asc. node	-5382 Nov 05 j 18:47	20°♎44'19	
evening set	-5382 Nov 08 j 16:17	19°♎47'32	
inferior conj	-5382 Nov 14 j 11:07	13°♎56'22	2°40'13
minimum elong	-5382 Nov 14 j 08:00	14°♎06'09	2°39'11
min. Earth dist.	-5382 Nov 15 j 21:52	12°♎07'38	0.65561 AU
morning rise	-5382 Nov 19 j 22:46	7°♎44'59	
direct	-5382 Nov 26 j 08:35	5°♎00'00	
morning max el	-5382 Dec 09 j 03:54	12°♎27'52	26°29'45
desc. node	-5382 Dec 19 j 06:37	24°♎22'31	
	-5382 Dec 23 j 08:45	0°♏	
	-5381 Jan 10 j 22:11	0°♐	
morning set	-5381 Jan 14 j 03:19	5°♐56'27	
max. Earth dist.	-5381 Jan 18 j 09:40	14°♐10'35	1.35056 AU
superior conj	-5381 Jan 22 j 21:21	23°♐14'09	-1°-26'-21
minimum elong	-5381 Jan 23 j 00:17	23°♐29'14	1°26'18
	-5381 Jan 26 j 03:36	0°♑	
evening rise	-5381 Jan 30 j 13:10	9°♑09'21	
asc. node	-5381 Feb 01 j 17:32	13°♑36'00	
	-5381 Feb 10 j 19:35	0°♒	
evening max el	-5381 Feb 18 j 15:44	9°♒48'49	20°50'37
retrograde	-5381 Mar 01 j 21:39	15°♒09'25	
evening set	-5381 Mar 04 j 08:30	14°♒55'09	
inferior conj	-5381 Mar 13 j 09:57	10°♒57'02	1°02'22
minimum elong	-5381 Mar 13 j 12:41	10°♒53'05	1°01'12
min. Earth dist.	-5381 Mar 14 j 11:58	10°♒19'35	0.55335 AU
desc. node	-5381 Mar 17 j 05:52	8°♒49'04	
morning rise	-5381 Mar 22 j 15:32	6°♒43'28	
direct	-5381 Mar 25 j 21:08	6°♒20'41	
morning max el	-5381 Apr 08 j 00:45	12°♒43'53	22°45'29
	-5381 Apr 20 j 22:33	0°♓	
morning set	-5381 Apr 30 j 07:22	17°♓58'15	
asc. node	-5381 Apr 30 j 17:16	18°♓49'56	
	-5381 May 05 j 23:31	0°♈	
superior conj	-5381 May 07 j 13:13	3°♈20'29	1°04'55
minimum elong	-5381 May 07 j 10:44	3°♈07'17	1°04'30
max. Earth dist.	-5381 May 10 j 06:01	9°♈00'58	1.34141 AU
evening rise	-5381 May 15 j 09:19	19°♈25'35	
	-5381 May 20 j 23:21	0°♉	
	-5381 Jun 09 j 01:56	0°♊	
desc. node	-5381 Jun 13 j 04:05	5°♊06'33	
evening max el	-5381 Jun 18 j 16:59	11°♊05'11	27°16'27
retrograde	-5381 Jul 02 j 04:06	18°♊30'55	
evening set	-5381 Jul 09 j 04:31	15°♊44'56	
min. Earth dist.	-5381 Jul 12 j 21:50	12°♊12'10	0.64544 AU
inferior conj	-5381 Jul 15 j 03:55	9°♊42'57	-3°-27'-53
minimum elong	-5381 Jul 15 j 07:21	9°♊33'28	3°26'52
morning rise	-5381 Jul 21 j 11:42	4°♊12'44	
direct	-5381 Jul 24 j 05:36	3°♊33'06	
asc. node	-5381 Jul 27 j 17:07	4°♊35'49	
morning max el	-5381 Jul 30 j 17:59	7°♊02'35	18°09'09
	-5381 Aug 15 j 02:50	0°♋	
morning set	-5381 Aug 17 j 18:48	4°♋29'52	
superior conj	-5381 Aug 31 j 11:28	27°♋06'37	0°52'34
minimum elong	-5381 Aug 31 j 17:01	27°♋28'59	0°52'13
	-5381 Sep 02 j 06:40	0°♌	
max. Earth dist.	-5381 Sep 04 j 17:25	3°♌54'11	1.44375 AU
desc. node	-5381 Sep 09 j 03:11	10°♌51'43	
evening rise	-5381 Sep 17 j 02:20	23°♌17'02	
	-5381 Sep 21 j 10:38	0°♍	
greatest brilliancy	-5381 Oct 05 j 08:33	20°♍50'04	-0.6m
	-5381 Oct 12 j 15:12	0°♎	
evening max el	-5381 Oct 12 j 19:53	0°♎12'10	19°57'29
retrograde	-5381 Oct 20 j 09:44	4°♎37'49	
evening set	-5381 Oct 23 j 21:42	3°♎26'30	
asc. node	-5381 Oct 23 j 15:58	3°♎35'56	
	-5381 Oct 27 j 10:30	30°℞♍	
inferior conj	-5381 Oct 29 j 11:24	27°♍23'11	1°53'19
minimum elong	-5381 Oct 29 j 08:58	27°♍31'13	1°52'27
min. Earth dist.	-5381 Oct 30 j 09:42	26°♍09'21	0.66469 AU
morning rise	-5381 Nov 03 j 19:34	21°♍06'43	
direct	-5381 Nov 09 j 15:10	18°♍35'27	
morning max el	-5381 Nov 21 j 13:01	25°♍39'16	25°17'59
	-5381 Nov 25 j 13:02	0°♎	
desc. node	-5381 Dec 06 j 03:31	13°♎46'09	
	-5381 Dec 16 j 21:39	0°♏	
morning set	-5381 Dec 27 j 16:49	18°♏19'56	
max. Earth dist.	-5381 Dec 31 j 12:27	25°♏20'22	1.36701 AU
	-5380 Jan 02 j 23:27	0°♐	
superior conj	-5380 Jan 06 j 12:40	6°♐55'42	-1°-42'00
minimum elong	-5380 Jan 06 j 15:10	7°♐08'03	1°42'06
evening rise	-5380 Jan 14 j 17:18	23°♐26'51	
	-5380 Jan 18 j 00:31	0°♑	
asc. node	-5380 Jan 19 j 14:37	3°♑02'30	
evening max el	-5380 Feb 01 j 03:53	21°♑32'29	19°40'36
retrograde	-5380 Feb 10 j 17:50	26°♑04'28	
evening set	-5380 Feb 13 j 02:44	25°♑49'05	
inferior conj	-5380 Feb 21 j 14:06	21°♑45'12	2°39'54
minimum elong	-5380 Feb 21 j 19:20	21°♑36'54	2°38'13
min. Earth dist.	-5380 Feb 24 j 02:31	20°♑09'38	0.56221 AU
morning rise	-5380 Mar 01 j 08:30	17°♑04'16	
desc. node	-5380 Mar 03 j 03:00	16°♑36'38	
direct	-5380 Mar 05 j 17:40	16°♑21'06	
morning max el	-5380 Mar 19 j 16:47	23°♑23'21	24°24'05
	-5380 Mar 25 j 14:42	0°♒	
	-5380 Apr 12 j 08:43	0°♓	
morning set	-5380 Apr 13 j 19:37	3°♓01'18	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5380 Apr 16 j 14:13	8°♓55'17	
superior conj	-5380 Apr 20 j 21:37	18°♓14'04	0°43'04
minimum elong	-5380 Apr 20 j 19:49	18°♓04'22	0°42'37
max. Earth dist.	-5380 Apr 22 j 11:43	21°♓39'09	1.33296 AU
	-5380 Apr 26 j 10:39	0°♈	
evening rise	-5380 Apr 28 j 07:27	3°♈49'18	
	-5380 May 12 j 17:37	0°♉	
desc. node	-5380 May 30 j 01:16	22°♉58'01	
evening max el	-5380 May 31 j 02:28	24°♉00'03	27°24'34
	-5380 Jun 08 j 05:19	0°♊	
retrograde	-5380 Jun 13 j 21:43	1°♊26'07	
	-5380 Jun 19 j 06:01	30°℞♉	
evening set	-5380 Jun 21 j 00:12	28°♉53'57	
min. Earth dist.	-5380 Jun 24 j 14:29	25°♉51'19	0.62913 AU
inferior conj	-5380 Jun 27 j 10:19	23°♉03'25	-3°-56'-40
minimum elong	-5380 Jun 27 j 12:54	22°♉57'01	3°56'07
morning rise	-5380 Jul 04 j 03:48	17°♉51'54	
direct	-5380 Jul 06 j 18:05	17°♉20'09	
morning max el	-5380 Jul 13 j 08:40	20°♉43'58	17°57'35
asc. node	-5380 Jul 13 j 14:08	20°♉57'39	
	-5380 Jul 20 j 07:56	0°♊	
morning set	-5380 Jul 29 j 23:20	16°♊33'25	
	-5380 Aug 06 j 15:51	0°♋	
superior conj	-5380 Aug 10 j 18:05	6°♋57'22	1°25'57
minimum elong	-5380 Aug 10 j 23:35	7°♋20'24	1°25'46
max. Earth dist.	-5380 Aug 17 j 07:16	17°♋45'07	1.43316 AU
	-5380 Aug 25 j 00:15	0°♌	
evening rise	-5380 Aug 26 j 05:33	1°♌54'09	
desc. node	-5380 Aug 26 j 00:09	1°♌33'10	
	-5380 Sep 14 j 01:04	0°♍	
greatest brilliancy	-5380 Sep 19 j 07:28	7°♍08'39	-0.5m
evening max el	-5380 Sep 24 j 20:12	13°♍38'11	21°03'13
retrograde	-5380 Oct 03 j 06:36	18°♍37'20	
evening set	-5380 Oct 07 j 05:26	17°♍08'56	
asc. node	-5380 Oct 09 j 13:08	14°♍56'09	
inferior conj	-5380 Oct 12 j 15:37	10°♍56'48	1°02'31
minimum elong	-5380 Oct 12 j 14:12	11°♍01'38	1°02'04
min. Earth dist.	-5380 Oct 13 j 02:46	10°♍18'41	0.67060 AU
morning rise	-5380 Oct 17 j 22:33	4°♍38'28	
direct	-5380 Oct 23 j 02:57	2°♍26'25	
morning max el	-5380 Nov 02 j 21:55	8°♍53'24	23°54'31
	-5380 Nov 19 j 12:31	0°♎	
desc. node	-5380 Nov 22 j 00:25	3°♎38'25	
morning set	-5380 Dec 08 j 07:29	29°♎31'50	
	-5380 Dec 08 j 14:04	0°♏	
max. Earth dist.	-5380 Dec 12 j 08:41	6°♏34'37	1.38673 AU
superior conj	-5380 Dec 19 j 15:29	19°♏55'33	-1°-50'-56
minimum elong	-5380 Dec 19 j 16:28	20°♏00'11	1°51'09
	-5380 Dec 24 j 21:04	0°♐	
evening rise	-5380 Dec 28 j 14:40	7°♐18'30	
asc. node	-5379 Jan 05 j 11:44	22°♐01'54	
	-5379 Jan 10 j 16:57	0°♑	
evening max el	-5379 Jan 14 j 01:56	3°♑50'21	18°49'40
retrograde	-5379 Jan 22 j 06:09	7°♑46'30	
evening set	-5379 Jan 24 j 16:54	7°♑26'45	
inferior conj	-5379 Feb 01 j 12:10	3°♑05'38	3°40'55
minimum elong	-5379 Feb 01 j 15:57	2°♑58'42	3°40'03
min. Earth dist.	-5379 Feb 04 j 18:18	0°♑43'34	0.57795 AU
	-5379 Feb 05 j 19:56	30°℞♐	
morning rise	-5379 Feb 09 j 11:22	27°♐57'22	
direct	-5379 Feb 15 j 02:53	26°♐40'08	
desc. node	-5379 Feb 18 j 00:07	27°♐00'17	
	-5379 Feb 24 j 10:29	0°♑	
morning max el	-5379 Mar 01 j 08:00	4°♑03'30	25°54'39
	-5379 Mar 20 j 00:34	0°♒	
morning set	-5379 Mar 29 j 07:34	18°♒03'57	
asc. node	-5379 Apr 03 j 11:11	29°♒07'22	
	-5379 Apr 03 j 20:50	0°♓	
superior conj	-5379 Apr 05 j 08:33	3°♓15'01	0°19'26
minimum elong	-5379 Apr 05 j 07:42	3°♓10'26	0°19'05
max. Earth dist.	-5379 Apr 05 j 23:16	4°♓35'20	1.32797 AU
evening rise	-5379 Apr 12 j 12:13	18°♓32'57	
	-5379 Apr 18 j 07:02	0°♈	
	-5379 May 07 j 12:25	0°♉	
evening max el	-5379 May 13 j 07:54	6°♉20'19	27°00'06
desc. node	-5379 May 16 j 22:29	9°♉27'14	
retrograde	-5379 May 27 j 08:02	13°♉43'02	
evening set	-5379 Jun 03 j 02:57	11°♉38'27	
min. Earth dist.	-5379 Jun 06 j 21:26	8°♉53'19	0.60995 AU
inferior conj	-5379 Jun 10 j 03:46	6°♉03'00	-4°-9'-47
minimum elong	-5379 Jun 10 j 04:16	6°♉01'52	4°09'38
morning rise	-5379 Jun 17 j 08:37	1°♉12'26	
direct	-5379 Jun 19 j 20:55	0°♉46'46	
morning max el	-5379 Jun 26 j 21:40	4°♉14'43	18°04'47
asc. node	-5379 Jun 30 j 11:08	8°♉23'45	
morning set	-5379 Jul 12 j 22:05	29°♉30'05	
	-5379 Jul 13 j 04:33	0°♊	
superior conj	-5379 Jul 23 j 04:07	18°♊09'19	1°44'17
minimum elong	-5379 Jul 23 j 06:54	18°♊21'39	1°44'26
	-5379 Jul 30 j 01:09	0°♋	
max. Earth dist.	-5379 Jul 30 j 15:58	1°♋02'03	1.41740 AU
evening rise	-5379 Aug 05 j 17:25	10°♋56'40	
desc. node	-5379 Aug 12 j 21:10	22°♋08'26	
	-5379 Aug 18 j 02:29	0°♌	
greatest brilliancy	-5379 Sep 02 j 20:54	21°♌43'44	-0.3m
evening max el	-5379 Sep 07 j 14:16	27°♌02'58	22°19'06
	-5379 Sep 10 j 20:41	0°♍	
retrograde	-5379 Sep 17 j 01:41	2°♍40'17	
evening set	-5379 Sep 21 j 13:34	0°♍52'27	
	-5379 Sep 22 j 12:58	30°℞♌	
asc. node	-5379 Sep 26 j 10:18	25°♌14'36	
inferior conj	-5379 Sep 26 j 21:49	24°♌34'52	0°09'47
minimum elong	-5379 Sep 26 j 21:35	24°♌35'40	0°09'53
transit middle	-5379 Sep 26 j 21:35	24°♌35'40	0°09'53
transit begin	-5379 Sep 26 j 19:26	24°♌43'06	
transit end	-5379 Sep 26 j 23:44	24°♌28'15	
min. Earth dist.	-5379 Sep 26 j 22:33	24°♌32'17	0.67342 AU
morning rise	-5379 Oct 02 j 05:27	18°♌17'49	
direct	-5379 Oct 06 j 18:59	16°♌27'04	
morning max el	-5379 Oct 16 j 09:24	22°♌10'38	22°28'48
greatest brilliancy	-5379 Oct 21 j 03:01	27°♌31'37	-0.3m
	-5379 Oct 23 j 02:23	0°♍	
desc. node	-5379 Nov 08 j 21:19	23°♍50'57	
	-5379 Nov 12 j 21:11	0°♎	
morning set	-5379 Nov 18 j 18:20	9°♎21'34	
max. Earth dist.	-5379 Nov 24 j 06:48	18°♎30'12	1.40725 AU
	-5379 Nov 30 j 21:48	0°♏	
superior conj	-5379 Dec 02 j 00:53	2°♏01'02	-1°-50'-7
minimum elong	-5379 Dec 01 j 23:06	1°♏53'04	1°50'14
evening rise	-5379 Dec 12 j 02:23	20°♏37'51	
	-5379 Dec 17 j 03:28	0°♐	
asc. node	-5379 Dec 23 j 08:51	10°♐25'39	
evening max el	-5379 Dec 28 j 07:41	16°♐36'05	18°18'47
retrograde	-5378 Jan 04 j 13:06	20°♐12'00	
evening set	-5378 Jan 07 j 01:51	19°♐46'35	
inferior conj	-5378 Jan 14 j 06:32	15°♐03'35	4°05'30
minimum elong	-5378 Jan 14 j 07:19	15°♐01'55	4°05'12
min. Earth dist.	-5378 Jan 17 j 14:08	12°♐15'18	0.59720 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning rise	-5378 Jan 21 j 09:48	9°♐33'40	
direct	-5378 Jan 27 j 23:47	7°♐37'44	
desc. node	-5378 Feb 04 j 21:13	10°♐10'00	
morning max el	-5378 Feb 11 j 04:00	15°♐11'32	27°02'28
	-5378 Feb 23 j 04:41	0°♑	
	-5378 Mar 12 j 06:33	0°♒	
morning set	-5378 Mar 13 j 17:30	2°♒59'53	
superior conj	-5378 Mar 20 j 20:20	18°♒17'17	0°-5'-6
minimum elong	-5378 Mar 20 j 20:34	18°♒18'35	0°05'17
behind sun begin	-5378 Mar 20 j 15:50	17°♒52'39	
behind sun end	-5378 Mar 21 j 01:18	18°♒44'31	
max. Earth dist.	-5378 Mar 20 j 13:00	17°♒37'12	1.32629 AU
asc. node	-5378 Mar 21 j 08:10	19°♒22'03	
	-5378 Mar 26 j 05:50	0°♓	
evening rise	-5378 Mar 27 j 21:12	3°♓27'56	
	-5378 Apr 11 j 06:06	0°♈	
evening max el	-5378 Apr 25 j 07:16	17°♈59'00	26°03'53
desc. node	-5378 May 03 j 19:40	24°♈01'36	
retrograde	-5378 May 09 j 09:32	25°♈15'55	
evening set	-5378 May 15 j 09:15	23°♈47'56	
min. Earth dist.	-5378 May 19 j 19:57	21°♈04'00	0.58965 AU
inferior conj	-5378 May 23 j 04:32	18°♈32'17	-3°-59'-26
minimum elong	-5378 May 23 j 01:58	18°♈37'09	3°59'08
morning rise	-5378 May 30 j 22:34	14°♈03'42	
direct	-5378 Jun 02 j 09:40	13°♈43'02	
morning max el	-5378 Jun 10 j 06:13	17°♈27'17	18°31'39
asc. node	-5378 Jun 17 j 08:08	26°♈40'04	
	-5378 Jun 19 j 08:04	0°♉	
morning set	-5378 Jun 26 j 10:19	13°♉08'10	
	-5378 Jul 05 j 06:30	0°♊	
superior conj	-5378 Jul 05 j 13:24	0°♊32'08	1°49'35
minimum elong	-5378 Jul 05 j 13:26	0°♊32'18	1°49'51
max. Earth dist.	-5378 Jul 12 j 19:25	13°♊36'12	1.39861 AU
evening rise	-5378 Jul 17 j 04:54	21°♊07'08	
	-5378 Jul 22 j 15:06	0°♋	
desc. node	-5378 Jul 30 j 18:11	12°♋33'22	
	-5378 Aug 12 j 04:41	0°♌	
evening max el	-5378 Aug 21 j 03:16	10°♌27'45	23°39'55
retrograde	-5378 Aug 31 j 17:49	16°♌43'45	
evening set	-5378 Sep 05 j 20:15	14°♌35'32	
inferior conj	-5378 Sep 11 j 04:13	8°♌15'42	0°-43'-11
minimum elong	-5378 Sep 11 j 05:12	8°♌12'20	0°42'32
min. Earth dist.	-5378 Sep 10 j 18:39	8°♌48'25	0.67327 AU
asc. node	-5378 Sep 13 j 07:27	5°♌25'47	
morning rise	-5378 Sep 16 j 14:16	2°♌03'06	
direct	-5378 Sep 20 j 14:22	0°♌32'53	
morning max el	-5378 Sep 29 j 02:29	5°♌34'17	21°08'23
greatest brilliancy	-5378 Oct 04 j 15:42	12°♌04'24	-0.5m
	-5378 Oct 17 j 08:31	0°♍	
desc. node	-5378 Oct 26 j 18:10	14°♍17'05	
morning set	-5378 Oct 29 j 03:22	17°♍59'49	
	-5378 Nov 05 j 16:04	0°♎	
max. Earth dist.	-5378 Nov 06 j 11:25	1°♎18'45	1.42563 AU
superior conj	-5378 Nov 13 j 10:56	12°♎56'29	-1°-36'-5
minimum elong	-5378 Nov 13 j 05:50	12°♎34'50	1°35'45
	-5378 Nov 23 j 04:58	0°♏	
evening rise	-5378 Nov 25 j 00:40	3°♏15'54	
asc. node	-5378 Dec 10 j 06:00	28°♏02'02	
evening max el	-5378 Dec 11 j 18:19	29°♏40'54	18°07'49
	-5378 Dec 12 j 02:08	0°♐	
retrograde	-5378 Dec 18 j 11:26	3°♐10'04	
evening set	-5378 Dec 21 j 02:23	2°♐38'04	
	-5378 Dec 25 j 03:42	30°℞♏	
inferior conj	-5378 Dec 27 j 18:53	27°♏33'09	4°02'11
minimum elong	-5378 Dec 27 j 17:12	27°♏37'17	4°01'48
min. Earth dist.	-5378 Dec 30 j 17:32	24°♏41'32	0.61677 AU
morning rise	-5377 Jan 03 j 05:45	21°♏47'06	
direct	-5377 Jan 10 j 06:24	19°♏19'10	
desc. node	-5377 Jan 22 j 18:17	25°♏34'14	
morning max el	-5377 Jan 24 j 06:28	26°♏59'19	27°37'16
	-5377 Jan 27 j 03:49	0°♐	
	-5377 Feb 16 j 17:32	0°♑	
morning set	-5377 Feb 25 j 23:22	17°♑40'52	
	-5377 Mar 03 j 19:29	0°♒	
max. Earth dist.	-5377 Mar 04 j 00:52	0°♒29'07	1.32798 AU
superior conj	-5377 Mar 05 j 07:15	3°♒13'59	0°-29'-42
minimum elong	-5377 Mar 05 j 08:34	3°♒21'05	0°29'42
asc. node	-5377 Mar 08 j 05:09	9°♒34'19	
evening rise	-5377 Mar 12 j 08:18	18°♒25'56	
	-5377 Mar 18 j 02:11	0°♓	
evening max el	-5377 Apr 07 j 00:58	29°♓00'18	24°43'02
	-5377 Apr 08 j 02:45	0°♈	
desc. node	-5377 Apr 20 j 16:53	6°♈04'12	
retrograde	-5377 Apr 21 j 00:21	6°♈04'25	
evening set	-5377 Apr 25 j 18:57	5°♈12'29	
min. Earth dist.	-5377 May 01 j 13:11	2°♈14'13	0.57099 AU
inferior conj	-5377 May 04 j 09:39	0°♈22'14	-3°-16'-10
minimum elong	-5377 May 04 j 04:27	0°♈30'48	3°15'06
	-5377 May 04 j 23:13	30°℞♓	
morning rise	-5377 May 12 j 18:13	26°♓13'05	
direct	-5377 May 15 j 04:12	25°♓56'33	
	-5377 May 24 j 02:17	0°♈	
morning max el	-5377 May 24 j 07:29	0°♈12'01	19°18'47
asc. node	-5377 Jun 04 j 05:06	15°♈34'30	
morning set	-5377 Jun 10 j 08:17	27°♈17'54	
	-5377 Jun 11 j 16:51	0°♉	
superior conj	-5377 Jun 18 j 16:12	13°♉49'36	1°44'58
minimum elong	-5377 Jun 18 j 14:24	13°♉40'51	1°45'05
max. Earth dist.	-5377 Jun 24 j 20:43	25°♉32'48	1.37935 AU
	-5377 Jun 27 j 07:38	0°♊	
evening rise	-5377 Jun 28 j 18:47	2°♊36'09	
	-5377 Jul 15 j 18:25	0°♋	
desc. node	-5377 Jul 17 j 15:13	2°♋42'53	
evening max el	-5377 Aug 03 j 13:47	23°♋55'06	24°58'50
	-5377 Aug 11 j 19:38	0°♌	
retrograde	-5377 Aug 15 j 06:07	0°♌44'11	
	-5377 Aug 18 j 10:39	30°℞♋	
evening set	-5377 Aug 20 j 23:41	28°♋17'10	
min. Earth dist.	-5377 Aug 25 j 12:42	23°♋06'00	0.67001 AU
inferior conj	-5377 Aug 26 j 09:08	21°♋58'21	-1°-34'-46
minimum elong	-5377 Aug 26 j 11:15	21°♋51'20	1°33'40
asc. node	-5377 Aug 31 j 04:34	16°♋28'30	
morning rise	-5377 Aug 31 j 23:14	15°♋53'17	
direct	-5377 Sep 04 j 11:56	14°♋41'11	
morning max el	-5377 Sep 12 j 02:37	19°♋06'24	19°58'44
greatest brilliancy	-5377 Sep 19 j 15:54	28°♋31'12	-0.6m
	-5377 Sep 20 j 17:05	0°♌	
morning set	-5377 Oct 08 j 02:25	26°♌15'43	
	-5377 Oct 10 j 12:08	0°♍	
desc. node	-5377 Oct 13 j 15:01	4°♍52'32	
max. Earth dist.	-5377 Oct 19 j 22:33	14°♍51'27	1.43936 AU
superior conj	-5377 Oct 24 j 17:26	22°♍33'33	-1°-6'-5
minimum elong	-5377 Oct 24 j 11:01	22°♍07'29	1°05'20
	-5377 Oct 29 j 06:25	0°♎	
evening rise	-5377 Nov 07 j 04:59	15°♎03'15	
	-5377 Nov 16 j 00:50	0°♏	
evening max el	-5377 Nov 25 j 07:03	12°♏58'19	18°16'05
asc. node	-5377 Nov 27 j 03:09	14°♏37'35	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

retrograde	-5377 Dec 01 j 20:39	16°♏31'38	
evening set	-5377 Dec 04 j 15:00	15°♏51'38	
inferior conj	-5377 Dec 10 j 21:34	10°♏26'44	3°39'41
minimum elong	-5377 Dec 10 j 18:34	10°♏34'57	3°38'56
min. Earth dist.	-5377 Dec 13 j 06:42	7°♏50'49	0.63443 AU
morning rise	-5377 Dec 16 j 20:30	4°♏28'37	
direct	-5377 Dec 23 j 21:12	1°♏42'31	
morning max el	-5376 Jan 06 j 13:46	9°♏24'29	27°35'58
desc. node	-5376 Jan 09 j 15:17	12°♏37'30	
	-5376 Jan 22 j 17:32	0°♐	
	-5376 Feb 08 j 22:47	0°♑	
morning set	-5376 Feb 09 j 22:43	1°♑58'36	
max. Earth dist.	-5376 Feb 15 j 06:54	12°♑57'36	1.33341 AU
superior conj	-5376 Feb 17 j 15:37	17°♑59'21	0°-53'-26
minimum elong	-5376 Feb 17 j 17:51	18°♑11'17	0°53'21
asc. node	-5376 Feb 23 j 02:08	29°♑40'15	
	-5376 Feb 23 j 05:50	0°♒	
evening rise	-5376 Feb 24 j 19:48	3°♒20'45	
	-5376 Mar 10 j 14:05	0°♓	
evening max el	-5376 Mar 18 j 17:20	9°♓45'05	23°09'59
retrograde	-5376 Apr 01 j 02:38	16°♓20'20	
evening set	-5376 Apr 04 j 14:51	15°♓53'23	
desc. node	-5376 Apr 06 j 14:06	15°♓16'15	
min. Earth dist.	-5376 Apr 12 j 04:19	12°♓28'52	0.55755 AU
inferior conj	-5376 Apr 13 j 19:26	11°♓31'27	-1°-54'-23
minimum elong	-5376 Apr 13 j 14:47	11°♓38'17	1°53'05
morning rise	-5376 Apr 22 j 17:43	7°♓32'46	
direct	-5376 Apr 25 j 04:33	7°♓18'11	
morning max el	-5376 May 05 j 22:57	12°♓19'47	20°25'52
	-5376 May 18 j 11:00	0°♈	
asc. node	-5376 May 21 j 02:01	4°♈57'28	
morning set	-5376 May 24 j 13:00	11°♈51'08	
superior conj	-5376 Jun 01 j 07:31	27°♈46'56	1°33'10
minimum elong	-5376 Jun 01 j 04:52	27°♈33'32	1°33'03
	-5376 Jun 02 j 09:54	0°♉	
max. Earth dist.	-5376 Jun 06 j 02:21	7°♉16'42	1.36199 AU
evening rise	-5376 Jun 10 j 06:57	15°♉13'05	
	-5376 Jun 18 j 16:48	0°♊	
desc. node	-5376 Jul 03 j 12:19	22°♊29'29	
	-5376 Jul 09 j 07:40	0°♋	
evening max el	-5376 Jul 16 j 00:20	7°♋24'25	26°07'50
retrograde	-5376 Jul 28 j 13:51	14°♋35'41	
evening set	-5376 Aug 03 j 21:47	11°♋54'32	
min. Earth dist.	-5376 Aug 08 j 02:18	7°♋21'45	0.66339 AU
inferior conj	-5376 Aug 09 j 10:43	5°♋39'59	-2°-23'-13
minimum elong	-5376 Aug 09 j 13:44	5°♋30'30	2°21'54
	-5376 Aug 14 j 21:28	30°℞♊	
morning rise	-5376 Aug 15 j 06:26	29°♊45'44	
asc. node	-5376 Aug 17 j 01:39	28°♊59'01	
direct	-5376 Aug 18 j 10:05	28°♊48'32	
	-5376 Aug 22 j 02:08	0°♋	
morning max el	-5376 Aug 25 j 09:20	2°♋45'25	19°03'13
	-5376 Sep 13 j 07:03	0°♌	
morning set	-5376 Sep 16 j 14:07	5°♌12'22	
desc. node	-5376 Sep 29 j 11:51	25°♌33'21	
max. Earth dist.	-5376 Oct 01 j 14:28	28°♌52'59	1.44677 AU
	-5376 Oct 02 j 07:27	0°♍	
superior conj	-5376 Oct 02 j 23:59	1°♍05'22	0°-21'-52
minimum elong	-5376 Oct 02 j 21:12	0°♍54'20	0°21'21
evening rise	-5376 Oct 18 j 10:25	25°♍49'09	
	-5376 Oct 21 j 00:01	0°♎	
evening max el	-5376 Nov 07 j 19:10	26°♎22'23	18°42'31
asc. node	-5376 Nov 13 j 00:19	29°♎56'24	
	-5376 Nov 13 j 05:57	0°♏	
retrograde	-5376 Nov 14 j 12:45	0°♏09'10	
	-5376 Nov 15 j 19:17	30°℞♎	
evening set	-5376 Nov 17 j 12:19	29°♎19'00	
inferior conj	-5376 Nov 23 j 10:56	23°♎36'45	3°04'27
minimum elong	-5376 Nov 23 j 07:39	23°♎46'38	3°03'27
min. Earth dist.	-5376 Nov 25 j 05:40	21°♎28'49	0.64895 AU
morning rise	-5376 Nov 29 j 01:49	17°♎29'35	
direct	-5376 Dec 05 j 18:41	14°♎40'23	
morning max el	-5376 Dec 18 j 23:11	22°♎16'11	27°01'40
	-5376 Dec 25 j 20:04	0°♏	
desc. node	-5376 Dec 26 j 12:14	0°♏50'34	
	-5375 Jan 14 j 22:05	0°♐	
morning set	-5375 Jan 23 j 12:28	15°♐42'46	
max. Earth dist.	-5375 Jan 28 j 03:32	24°♐52'59	1.34301 AU
	-5375 Jan 30 j 15:18	0°♑	
superior conj	-5375 Jan 31 j 19:28	2°♑26'48	-1°-15'-14
minimum elong	-5375 Jan 31 j 22:17	2°♑41'36	1°15'09
evening rise	-5375 Feb 08 j 05:58	18°♑06'30	
asc. node	-5375 Feb 08 j 23:10	19°♑35'33	
	-5375 Feb 14 j 05:25	0°♒	
evening max el	-5375 Feb 28 j 14:29	20°♒40'22	21°38'25
retrograde	-5375 Mar 12 j 18:11	26°♒29'50	
evening set	-5375 Mar 15 j 10:27	26°♒13'45	
desc. node	-5375 Mar 24 j 11:19	22°♒19'53	
inferior conj	-5375 Mar 24 j 16:44	22°♒12'15	0°-3'-42
minimum elong	-5375 Mar 24 j 16:33	22°♒12'30	0°03'52
transit middle	-5375 Mar 24 j 16:33	22°♒12'30	0°03'52
transit begin	-5375 Mar 24 j 12:34	22°♒18'07	
transit end	-5375 Mar 24 j 20:32	22°♒06'53	
min. Earth dist.	-5375 Mar 24 j 18:44	22°♒09'26	0.55223 AU
morning rise	-5375 Apr 02 j 22:52	18°♒09'03	
direct	-5375 Apr 05 j 18:19	17°♒51'32	
morning max el	-5375 Apr 18 j 03:27	23°♒46'14	21°50'45
	-5375 Apr 23 j 15:44	0°♓	
asc. node	-5375 May 07 j 22:57	24°♓41'53	
morning set	-5375 May 08 j 22:12	26°♓41'36	
	-5375 May 10 j 12:18	0°♈	
superior conj	-5375 May 16 j 07:40	12°♈13'23	1°16'19
minimum elong	-5375 May 16 j 04:57	11°♈59'12	1°15'58
max. Earth dist.	-5375 May 19 j 17:36	19°♈16'16	1.34790 AU
evening rise	-5375 May 24 j 11:57	28°♈42'53	
	-5375 May 25 j 04:01	0°♉	
	-5375 Jun 11 j 20:56	0°♊	
desc. node	-5375 Jun 20 j 09:29	11°♊43'26	
evening max el	-5375 Jun 28 j 11:44	20°♊49'51	26°58'33
retrograde	-5375 Jul 11 j 16:21	28°♊12'00	
evening set	-5375 Jul 18 j 12:07	25°♊24'49	
min. Earth dist.	-5375 Jul 22 j 09:08	21°♊30'49	0.65313 AU
inferior conj	-5375 Jul 24 j 06:55	19°♊17'35	-3°-6'-27
minimum elong	-5375 Jul 24 j 10:23	19°♊07'28	3°05'13
morning rise	-5375 Jul 30 j 09:48	13°♊37'29	
direct	-5375 Aug 02 j 06:43	12°♊52'07	
asc. node	-5375 Aug 03 j 22:42	13°♊07'13	
morning max el	-5375 Aug 08 j 21:01	16°♊28'58	18°23'55
	-5375 Aug 18 j 16:51	0°♋	
morning set	-5375 Aug 28 j 03:35	15°♋24'24	
	-5375 Sep 06 j 02:59	0°♌	
superior conj	-5375 Sep 11 j 23:51	9°♌22'19	0°27'11
minimum elong	-5375 Sep 12 j 03:15	9°♌35'46	0°27'01
max. Earth dist.	-5375 Sep 14 j 08:29	13°♌06'28	1.44698 AU
desc. node	-5375 Sep 16 j 08:43	16°♌16'43	
	-5375 Sep 25 j 02:26	0°♍	
evening rise	-5375 Sep 28 j 14:31	5°♍29'33	
greatest brilliancy	-5375 Oct 12 j 17:11	27°♍20'40	-0.7m

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5375 Oct 14 j 12:31	0°♎	
evening max el	-5375 Oct 22 j 04:12	9°♎49'12	19°25'43
retrograde	-5375 Oct 29 j 08:39	13°♎58'01	
asc. node	-5375 Oct 30 j 21:30	13°♎44'21	
evening set	-5375 Nov 01 j 15:32	12°♎55'05	
inferior conj	-5375 Nov 07 j 07:59	6°♎58'27	2°20'54
minimum elong	-5375 Nov 07 j 05:06	7°♎07'42	2°19'55
min. Earth dist.	-5375 Nov 08 j 13:15	5°♎24'29	0.65998 AU
morning rise	-5375 Nov 12 j 17:53	0°♎44'49	
	-5375 Nov 13 j 15:55	30°℞♍	
direct	-5375 Nov 18 j 22:02	28°♍04'43	
	-5375 Nov 24 j 19:13	0°♎	
morning max el	-5375 Dec 01 j 08:38	5°♎23'09	26°01'11
desc. node	-5375 Dec 13 j 09:08	19°♎52'50	
	-5375 Dec 20 j 09:46	0°♏	
morning set	-5374 Jan 06 j 12:20	28°♏39'57	
	-5374 Jan 07 j 05:35	0°♐	
max. Earth dist.	-5374 Jan 10 j 12:44	6°♐15'47	1.35711 AU
superior conj	-5374 Jan 15 j 16:17	16°♐27'56	-1°-33'-39
minimum elong	-5374 Jan 15 j 19:08	16°♐42'25	1°33'41
	-5374 Jan 22 j 06:25	0°♑	
evening rise	-5374 Jan 23 j 12:56	2°♑36'28	
asc. node	-5374 Jan 26 j 20:14	9°♑14'28	
	-5374 Feb 08 j 20:42	0°♒	
evening max el	-5374 Feb 10 j 20:37	2°♒03'49	20°18'35
retrograde	-5374 Feb 21 j 08:57	7°♒02'21	
evening set	-5374 Feb 23 j 18:22	6°♒48'01	
inferior conj	-5374 Mar 04 j 14:25	2°♒49'13	1°47'32
minimum elong	-5374 Mar 04 j 18:44	2°♒42'48	1°45'55
min. Earth dist.	-5374 Mar 06 j 08:45	1°♒46'28	0.55615 AU
	-5374 Mar 09 j 14:35	30°℞♑	
desc. node	-5374 Mar 11 j 08:30	29°♑12'43	
morning rise	-5374 Mar 13 j 16:45	28°♑25'16	
direct	-5374 Mar 17 j 09:11	27°♑55'34	
	-5374 Mar 24 j 19:58	0°♒	
morning max el	-5374 Mar 30 j 22:37	4°♒36'49	23°27'29
	-5374 Apr 17 j 13:26	0°♓	
morning set	-5374 Apr 23 j 09:52	11°♓41'48	
asc. node	-5374 Apr 24 j 19:54	14°♓40'58	
superior conj	-5374 Apr 30 j 13:42	26°♓58'56	0°55'56
minimum elong	-5374 Apr 30 j 11:28	26°♓46'57	0°55'28
	-5374 May 01 j 23:40	0°♈	
max. Earth dist.	-5374 May 02 j 18:46	1°♈41'03	1.33742 AU
evening rise	-5374 May 08 j 04:54	12°♈49'57	
	-5374 May 17 j 09:34	0°♉	
desc. node	-5374 Jun 07 j 06:42	0°♊10'07	
	-5374 Jun 07 j 03:05	0°♊	
evening max el	-5374 Jun 10 j 22:29	3°♊58'52	27°23'43
retrograde	-5374 Jun 24 j 13:09	11°♊24'26	
evening set	-5374 Jul 01 j 15:36	8°♊42'41	
min. Earth dist.	-5374 Jul 05 j 07:06	5°♊24'00	0.63897 AU
inferior conj	-5374 Jul 07 j 19:09	2°♊45'32	-3°-41'-38
minimum elong	-5374 Jul 07 j 22:21	2°♊37'03	3°40'48
	-5374 Jul 10 j 13:08	30°℞♉	
morning rise	-5374 Jul 14 j 06:51	27°♉22'54	
direct	-5374 Jul 16 j 23:07	26°♉46'43	
asc. node	-5374 Jul 21 j 19:44	28°♉44'06	
	-5374 Jul 23 j 06:20	0°♊	
morning max el	-5374 Jul 23 j 11:20	0°♊12'19	18°02'02
morning set	-5374 Aug 09 j 19:08	26°♊50'31	
	-5374 Aug 11 j 15:15	0°♋	
superior conj	-5374 Aug 22 j 15:23	18°♋27'37	1°08'35
minimum elong	-5374 Aug 22 j 21:26	18°♋52'22	1°08'14
max. Earth dist.	-5374 Aug 28 j 01:07	27°♋12'08	1.44000 AU
	-5374 Aug 29 j 19:14	0°♌	
desc. node	-5374 Sep 03 j 05:41	6°♌59'38	
evening rise	-5374 Sep 07 j 22:24	14°♌18'03	
	-5374 Sep 18 j 05:17	0°♍	
greatest brilliancy	-5374 Sep 28 j 19:56	15°♍21'02	-0.6m
evening max el	-5374 Oct 05 j 08:03	23°♍15'48	20°23'56
retrograde	-5374 Oct 13 j 05:49	27°♍54'47	
evening set	-5374 Oct 16 j 22:14	26°♍36'19	
asc. node	-5374 Oct 17 j 18:40	25°♍55'51	
inferior conj	-5374 Oct 22 j 10:12	20°♍28'40	1°32'07
minimum elong	-5374 Oct 22 j 08:11	20°♍35'29	1°31'25
min. Earth dist.	-5374 Oct 23 j 03:32	19°♍30'22	0.66758 AU
morning rise	-5374 Oct 27 j 17:37	14°♍11'13	
direct	-5374 Nov 02 j 06:43	11°♍47'57	
morning max el	-5374 Nov 13 j 17:37	18°♍36'54	24°43'27
	-5374 Nov 23 j 09:03	0°♎	
desc. node	-5374 Nov 30 j 06:01	9°♎30'02	
	-5374 Dec 13 j 11:54	0°♏	
morning set	-5374 Dec 19 j 16:59	10°♏35'29	
max. Earth dist.	-5374 Dec 23 j 12:29	17°♏25'56	1.37517 AU
superior conj	-5374 Dec 30 j 02:53	29°♏53'40	-1°-46'-46
minimum elong	-5374 Dec 30 j 04:53	0°♐03'24	1°46'56
	-5374 Dec 30 j 04:11	0°♐	
evening rise	-5373 Jan 07 j 14:35	16°♐44'37	
asc. node	-5373 Jan 13 j 17:20	28°♐30'46	
	-5373 Jan 14 j 13:12	0°♑	
evening max el	-5373 Jan 24 j 13:06	14°♑02'23	19°16'22
retrograde	-5373 Feb 02 j 11:37	18°♑17'42	
evening set	-5373 Feb 04 j 21:07	18°♑00'42	
inferior conj	-5373 Feb 13 j 01:33	13°♑50'00	3°10'34
minimum elong	-5373 Feb 13 j 06:32	13°♑41'36	3°09'11
min. Earth dist.	-5373 Feb 15 j 23:27	11°♑52'54	0.56827 AU
morning rise	-5373 Feb 21 j 12:20	8°♑56'53	
direct	-5373 Feb 26 j 10:31	8°♑00'55	
desc. node	-5373 Feb 26 j 05:38	8°♑01'01	
morning max el	-5373 Mar 12 j 13:42	15°♑13'34	25°04'32
	-5373 Mar 24 j 08:12	0°♒	
morning set	-5373 Apr 07 j 22:13	26°♒45'31	
	-5373 Apr 09 j 10:59	0°♓	
asc. node	-5373 Apr 11 j 16:52	4°♓49'42	
superior conj	-5373 Apr 14 j 23:24	11°♓56'14	0°33'12
minimum elong	-5373 Apr 14 j 22:00	11°♓48'34	0°32'47
max. Earth dist.	-5373 Apr 16 j 03:27	14°♓28'13	1.33045 AU
evening rise	-5373 Apr 22 j 06:11	27°♓22'50	
	-5373 Apr 23 j 13:13	0°♈	
	-5373 May 10 j 18:13	0°♉	
evening max el	-5373 May 24 j 06:20	16°♉39'00	27°18'04
desc. node	-5373 May 25 j 03:55	17°♉29'35	
retrograde	-5373 Jun 07 j 03:43	24°♉04'06	
evening set	-5373 Jun 14 j 04:33	21°♉41'45	
min. Earth dist.	-5373 Jun 17 j 19:18	18°♉48'47	0.62126 AU
inferior conj	-5373 Jun 20 j 20:25	15°♉57'19	-4°-4'-34
minimum elong	-5373 Jun 20 j 22:17	15°♉52'56	4°04'13
morning rise	-5373 Jun 27 j 18:34	10°♉54'50	
direct	-5373 Jun 30 j 07:53	10°♉25'50	
morning max el	-5373 Jul 07 j 01:40	13°♉49'48	17°58'22
asc. node	-5373 Jul 08 j 16:46	15°♉34'43	
	-5373 Jul 18 j 03:14	0°♊	
morning set	-5373 Jul 23 j 07:57	9°♊17'24	
superior conj	-5373 Aug 03 j 09:50	28°♊53'02	1°35'31
minimum elong	-5373 Aug 03 j 14:18	29°♊12'14	1°35'29
	-5373 Aug 04 j 01:29	0°♋	
max. Earth dist.	-5373 Aug 10 j 12:56	10°♋49'54	1.42690 AU
evening rise	-5373 Aug 18 j 02:37	22°♋57'50	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-5373 Aug 21 j 02:39	27°♋38'27	
	-5373 Aug 22 j 15:24	0°♌	
	-5373 Sep 12 j 11:57	0°♍	
greatest brilliancy	-5373 Sep 13 j 04:28	0°♍52'13	-0.4m
evening max el	-5373 Sep 18 j 05:30	6°♍40'13	21°34'32
retrograde	-5373 Sep 27 j 02:14	11°♍55'48	
evening set	-5373 Oct 01 j 06:21	10°♍19'17	
asc. node	-5373 Oct 04 j 15:50	6°♍44'12	
inferior conj	-5373 Oct 06 j 15:28	4°♍04'09	0°40'17
minimum elong	-5373 Oct 06 j 14:33	4°♍07'20	0°40'04
min. Earth dist.	-5373 Oct 06 j 22:05	3°♍41'23	0.67207 AU
	-5373 Oct 09 j 17:57	30°℞♌	
morning rise	-5373 Oct 11 j 22:28	27°♌45'52	
direct	-5373 Oct 16 j 20:17	25°♌43'02	
	-5373 Oct 25 j 04:26	0°♍	
morning max el	-5373 Oct 27 j 03:24	1°♍52'29	23°17'56
greatest brilliancy	-5373 Nov 01 j 13:50	8°♍01'25	-0.3m
desc. node	-5373 Nov 17 j 02:52	29°♍31'24	
	-5373 Nov 17 j 10:30	0°♎	
morning set	-5373 Nov 30 j 20:15	21°♎13'16	
max. Earth dist.	-5373 Dec 05 j 08:38	28°♎54'25	1.39550 AU
	-5373 Dec 05 j 23:43	0°♏	
superior conj	-5373 Dec 12 j 22:54	12°♏31'40	-1°-52'00
minimum elong	-5373 Dec 12 j 22:52	12°♏31'28	1°52'12
evening rise	-5373 Dec 22 j 08:16	0°♐23'22	
	-5373 Dec 22 j 03:24	0°♐	
asc. node	-5373 Dec 31 j 14:27	17°♐16'09	
evening max el	-5372 Jan 07 j 14:42	26°♐32'45	18°34'01
	-5372 Jan 13 j 02:32	0°♑	
retrograde	-5372 Jan 15 j 08:05	0°♑18'41	
evening set	-5372 Jan 17 j 19:31	29°♐56'49	
	-5372 Jan 17 j 14:56	30°℞♐	
inferior conj	-5372 Jan 25 j 08:21	25°♐26'45	3°55'20
minimum elong	-5372 Jan 25 j 10:53	25°♐21'47	3°54'47
min. Earth dist.	-5372 Jan 28 j 16:49	22°♐50'27	0.58591 AU
morning rise	-5372 Feb 01 j 22:46	20°♐08'03	
direct	-5372 Feb 08 j 01:02	18°♐34'08	
desc. node	-5372 Feb 13 j 02:44	19°♐37'02	
morning max el	-5372 Feb 22 j 06:41	26°♐03'38	26°26'59
	-5372 Feb 26 j 00:01	0°♑	
	-5372 Mar 16 j 12:24	0°♒	
morning set	-5372 Mar 22 j 09:32	11°♒46'06	
asc. node	-5372 Mar 28 j 13:51	25°♒03'23	
superior conj	-5372 Mar 29 j 10:55	26°♒58'35	0°09'05
minimum elong	-5372 Mar 29 j 10:32	26°♒56'26	0°08'49
behind sun begin	-5372 Mar 29 j 06:22	26°♒33'38	
behind sun end	-5372 Mar 29 j 14:42	27°♒19'14	
max. Earth dist.	-5372 Mar 29 j 16:13	27°♒27'34	1.32681 AU
	-5372 Mar 30 j 20:08	0°♓	
evening rise	-5372 Apr 05 j 12:59	12°♓12'00	
	-5372 Apr 14 j 17:50	0°♈	
evening max el	-5372 May 05 j 09:08	28°♈41'19	26°39'45
	-5372 May 06 j 19:19	0°♉	
desc. node	-5372 May 11 j 01:07	3°♉14'19	
retrograde	-5372 May 19 j 10:55	6°♉02'58	
evening set	-5372 May 25 j 22:59	4°♉13'09	
min. Earth dist.	-5372 May 29 j 22:29	1°♉30'32	0.60123 AU
	-5372 May 31 j 19:09	30°℞♈	
inferior conj	-5372 Jun 02 j 07:13	28°♈45'07	-4°-8'-50
minimum elong	-5372 Jun 02 j 06:30	28°♈46'35	4°08'43
morning rise	-5372 Jun 09 j 17:30	24°♈04'11	
direct	-5372 Jun 12 j 05:04	23°♈40'55	
morning max el	-5372 Jun 19 j 13:13	27°♈14'23	18°13'48
	-5372 Jun 22 j 01:31	0°♉	
asc. node	-5372 Jun 24 j 13:46	3°♉23'58	
morning set	-5372 Jul 05 j 12:58	22°♉32'53	
	-5372 Jul 09 j 12:05	0°♊	
superior conj	-5372 Jul 15 j 06:29	10°♊37'17	1°47'56
minimum elong	-5372 Jul 15 j 08:01	10°♊44'14	1°48'11
max. Earth dist.	-5372 Jul 22 j 18:39	23°♊46'47	1.40955 AU
	-5372 Jul 26 j 11:49	0°♋	
evening rise	-5372 Jul 27 j 23:26	2°♋26'00	
desc. node	-5372 Aug 06 j 23:40	18°♋09'53	
	-5372 Aug 15 j 00:45	0°♌	
greatest brilliancy	-5372 Aug 25 j 21:24	14°♌29'17	-0.3m
evening max el	-5372 Aug 30 j 21:04	20°♌04'21	22°53'19
retrograde	-5372 Sep 09 j 20:16	25°♌59'04	
evening set	-5372 Sep 14 j 14:03	24°♌02'44	
inferior conj	-5372 Sep 19 j 21:58	17°♌43'41	0°-12'-43
minimum elong	-5372 Sep 19 j 22:15	17°♌42'42	0°12'24
transit middle	-5372 Sep 19 j 22:15	17°♌42'42	0°12'24
transit begin	-5372 Sep 19 j 20:30	17°♌48'47	
transit end	-5372 Sep 20 j 00:01	17°♌36'37	
min. Earth dist.	-5372 Sep 19 j 18:24	17°♌55'59	0.67366 AU
asc. node	-5372 Sep 20 j 12:58	16°♌52'04	
morning rise	-5372 Sep 25 j 06:24	11°♌27'51	
direct	-5372 Sep 29 j 13:58	9°♌45'58	
morning max el	-5372 Oct 08 j 16:51	15°♌11'41	21°53'31
greatest brilliancy	-5372 Oct 13 j 15:04	20°♌49'39	-0.4m
	-5372 Oct 20 j 12:30	0°♍	
desc. node	-5372 Nov 02 j 23:44	19°♍50'02	
	-5372 Nov 09 j 11:52	0°♎	
morning set	-5372 Nov 09 j 19:05	0°♎28'48	
max. Earth dist.	-5372 Nov 16 j 08:28	11°♎09'20	1.41546 AU
superior conj	-5372 Nov 23 j 23:02	24°♎08'47	-1°-46'-1
minimum elong	-5372 Nov 23 j 19:50	23°♎54'43	1°45'57
	-5372 Nov 27 j 06:14	0°♏	
evening rise	-5372 Dec 04 j 14:42	13°♏25'40	
	-5372 Dec 13 j 22:10	0°♐	
asc. node	-5372 Dec 17 j 11:33	5°♐21'11	
evening max el	-5372 Dec 20 j 22:55	9°♐27'43	18°11'46
retrograde	-5372 Dec 27 j 21:51	12°♐58'58	
evening set	-5372 Dec 30 j 11:29	12°♐30'54	
inferior conj	-5371 Jan 06 j 10:44	7°♐38'46	4°06'55
minimum elong	-5371 Jan 06 j 10:21	7°♐39'40	4°06'38
min. Earth dist.	-5371 Jan 09 j 15:37	4°♐46'07	0.60569 AU
morning rise	-5371 Jan 13 j 06:30	2°♐01'29	
	-5371 Jan 18 j 05:31	30°℞♏	
direct	-5371 Jan 20 j 02:40	29°♏50'08	
	-5371 Jan 22 j 00:34	0°♐	
desc. node	-5371 Jan 29 j 23:47	3°♐48'03	
morning max el	-5371 Feb 03 j 05:15	7°♐27'22	27°21'31
	-5371 Feb 20 j 08:10	0°♑	
morning set	-5371 Mar 06 j 17:58	26°♑36'26	
	-5371 Mar 08 j 08:59	0°♒	
max. Earth dist.	-5371 Mar 13 j 05:26	10°♒26'04	1.32657 AU
superior conj	-5371 Mar 13 j 22:32	11°♒59'22	0°-15'-35
minimum elong	-5371 Mar 13 j 23:14	12°♒03'11	0°15'41
behind sun begin	-5371 Mar 13 j 22:42	12°♒00'14	
behind sun end	-5371 Mar 13 j 23:47	12°♒06'08	
asc. node	-5371 Mar 15 j 10:49	15°♒17'30	
evening rise	-5371 Mar 20 j 23:06	27°♒09'12	
	-5371 Mar 22 j 07:56	0°♓	
	-5371 Apr 08 j 15:48	0°♈	
evening max el	-5371 Apr 17 j 05:59	10°♈03'21	25°31'57
desc. node	-5371 Apr 27 j 22:21	16°♈48'26	
retrograde	-5371 May 01 j 08:17	17°♈16'04	
evening set	-5371 May 06 j 20:12	16°♈04'33	
min. Earth dist.	-5371 May 11 j 18:39	13°♈15'52	0.58126 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

inferior conj	-5371 May 14 j 23:55	10°♈58'55	-3°-45'-40
minimum elong	-5371 May 14 j 20:02	11°♈05'51	3°45'05
morning rise	-5371 May 22 j 23:59	6°♈38'52	
direct	-5371 May 25 j 10:28	6°♈20'09	
morning max el	-5371 Jun 02 j 18:59	10°♈16'16	18°49'09
asc. node	-5371 Jun 11 j 10:45	21°♈57'52	
	-5371 Jun 15 j 21:41	0°♉	
morning set	-5371 Jun 19 j 05:47	6°♉25'35	
superior conj	-5371 Jun 27 j 23:53	23°♉24'58	1°48'39
minimum elong	-5371 Jun 27 j 23:00	23°♉20'49	1°48'53
	-5371 Jul 01 j 12:24	0°♊	
max. Earth dist.	-5371 Jul 04 j 20:27	6°♊02'33	1.39034 AU
evening rise	-5371 Jul 08 j 22:27	13°♊10'39	
	-5371 Jul 19 j 06:04	0°♋	
desc. node	-5371 Jul 24 j 20:43	8°♋28'55	
	-5371 Aug 10 j 01:55	0°♌	
evening max el	-5371 Aug 13 j 08:49	3°♌30'27	24°14'16
retrograde	-5371 Aug 24 j 10:45	10°♌01'10	
evening set	-5371 Aug 29 j 19:33	7°♌44'55	
min. Earth dist.	-5371 Sep 03 j 13:57	2°♌12'35	0.67228 AU
inferior conj	-5371 Sep 04 j 03:57	1°♌25'17	-1°-5'-19
minimum elong	-5371 Sep 04 j 05:26	1°♌20'16	1°04'28
	-5371 Sep 05 j 05:24	30°℞♋	
asc. node	-5371 Sep 07 j 10:06	27°♋18'33	
morning rise	-5371 Sep 09 j 15:30	25°♋15'20	
direct	-5371 Sep 13 j 10:35	23°♋52'57	
morning max el	-5371 Sep 21 j 12:42	28°♋37'53	20°37'08
	-5371 Sep 22 j 19:27	0°♌	
greatest brilliancy	-5371 Sep 27 j 18:56	6°♌08'30	-0.5m
	-5371 Oct 14 j 03:39	0°♍	
morning set	-5371 Oct 19 j 21:03	8°♍48'47	
desc. node	-5371 Oct 20 j 20:35	10°♍20'24	
max. Earth dist.	-5371 Oct 29 j 15:57	24°♍18'01	1.43217 AU
	-5371 Nov 02 j 03:59	0°♎	
superior conj	-5371 Nov 04 j 21:39	4°♎31'24	-1°-25'-21
minimum elong	-5371 Nov 04 j 15:32	4°♎05'56	1°24'49
evening rise	-5371 Nov 17 j 05:52	25°♎43'01	
	-5371 Nov 19 j 16:19	0°♏	
asc. node	-5371 Dec 04 j 08:40	22°♏33'43	
evening max el	-5371 Dec 04 j 10:51	22°♏39'14	18°09'07
retrograde	-5371 Dec 11 j 01:16	26°♏08'34	
evening set	-5371 Dec 13 j 17:38	25°♏33'13	
inferior conj	-5371 Dec 20 j 05:38	20°♏19'31	3°54'33
minimum elong	-5371 Dec 20 j 03:15	20°♏25'39	3°54'00
min. Earth dist.	-5371 Dec 22 j 22:49	17°♏32'50	0.62463 AU
morning rise	-5371 Dec 26 j 10:57	14°♏28'16	
direct	-5370 Jan 02 j 12:56	11°♏50'49	
morning max el	-5370 Jan 16 j 09:52	19°♏31'36	27°41'05
desc. node	-5370 Jan 16 j 20:48	19°♏58'39	
	-5370 Jan 25 j 10:02	0°♐	
	-5370 Feb 13 j 04:00	0°♑	
morning set	-5370 Feb 18 j 21:25	11°♑09'08	
max. Earth dist.	-5370 Feb 24 j 15:26	23°♑10'45	1.32986 AU
superior conj	-5370 Feb 26 j 08:38	26°♑52'45	0°-39'-55
minimum elong	-5370 Feb 26 j 10:21	27°♑02'04	0°39'52
	-5370 Feb 27 j 19:12	0°♒	
asc. node	-5370 Mar 02 j 07:47	5°♒28'10	
evening rise	-5370 Mar 05 j 10:38	12°♒07'35	
	-5370 Mar 14 j 15:17	0°♓	
evening max el	-5370 Mar 29 j 22:41	20°♓55'47	24°04'08
retrograde	-5370 Apr 12 j 17:26	27°♓48'59	
desc. node	-5370 Apr 14 j 19:32	27°♓39'08	
evening set	-5370 Apr 16 j 22:42	27°♓09'27	
min. Earth dist.	-5370 Apr 23 j 10:37	24°♓01'36	0.56454 AU

inferior conj	-5370 Apr 25 j 20:32	22°♓31'49	-2°-46'-9
minimum elong	-5370 Apr 25 j 15:03	22°♓40'23	2°44'48
morning rise	-5370 May 04 j 11:14	18°♓28'23	
direct	-5370 May 06 j 21:22	18°♓12'53	
morning max el	-5370 May 16 j 16:16	22°♓46'10	19°44'51
	-5370 May 22 j 16:55	0°♈	
asc. node	-5370 May 29 j 07:43	11°♈05'47	
morning set	-5370 Jun 03 j 06:59	20°♈46'42	
	-5370 Jun 07 j 20:30	0°♉	
superior conj	-5370 Jun 11 j 08:34	7°♉01'02	1°40'42
minimum elong	-5370 Jun 11 j 06:18	6°♉49'48	1°40'43
max. Earth dist.	-5370 Jun 16 j 23:19	17°♉52'20	1.37172 AU
evening rise	-5370 Jun 20 j 22:32	25°♉10'28	
	-5370 Jun 23 j 15:51	0°♊	
desc. node	-5370 Jul 11 j 17:48	28°♊29'39	
	-5370 Jul 12 j 19:38	0°♋	
evening max el	-5370 Jul 26 j 19:17	16°♋59'17	25°29'52
retrograde	-5370 Aug 07 j 20:57	23°♋58'19	
evening set	-5370 Aug 13 j 20:57	21°♋24'31	
min. Earth dist.	-5370 Aug 18 j 06:18	16°♋29'38	0.66770 AU
inferior conj	-5370 Aug 19 j 07:40	15°♋07'25	-1°-55'-50
minimum elong	-5370 Aug 19 j 10:12	14°♋59'11	1°54'36
morning rise	-5370 Aug 24 j 23:58	9°♋06'42	
asc. node	-5370 Aug 25 j 07:13	8°♋55'27	
direct	-5370 Aug 28 j 08:37	8°♋01'12	
morning max el	-5370 Sep 04 j 15:46	12°♋12'51	19°33'14
greatest brilliancy	-5370 Sep 13 j 15:06	23°♋47'57	-0.7m
	-5370 Sep 17 j 18:54	0°♌	
morning set	-5370 Sep 28 j 22:59	17°♌15'11	
	-5370 Oct 07 j 02:35	0°♍	
desc. node	-5370 Oct 07 j 17:25	0°♍58'17	
max. Earth dist.	-5370 Oct 12 j 06:02	8°♍07'03	1.44337 AU
superior conj	-5370 Oct 15 j 16:41	13°♍36'16	0°-48'-40
minimum elong	-5370 Oct 15 j 11:09	13°♍14'07	0°47'54
	-5370 Oct 25 j 18:41	0°♎	
evening rise	-5370 Oct 30 j 00:58	7°♎05'12	
	-5370 Nov 13 j 04:38	0°♏	
evening max el	-5370 Nov 17 j 23:37	5°♏59'39	18°25'13
asc. node	-5370 Nov 21 j 05:50	8°♏38'30	
retrograde	-5370 Nov 24 j 13:59	9°♏37'43	
evening set	-5370 Nov 27 j 10:21	8°♏53'33	
inferior conj	-5370 Dec 03 j 13:16	3°♏20'37	3°25'59
minimum elong	-5370 Dec 03 j 10:02	3°♏29'50	3°25'07
min. Earth dist.	-5370 Dec 05 j 16:04	0°♏55'52	0.64095 AU
	-5370 Dec 06 j 12:31	30°℞♎	
morning rise	-5370 Dec 09 j 08:20	27°♎18'23	
direct	-5370 Dec 16 j 06:22	24°♎29'37	
	-5370 Dec 27 j 10:53	0°♏	
morning max el	-5370 Dec 29 j 18:30	2°♏09'40	27°25'17
desc. node	-5369 Jan 03 j 17:46	7°♏34'21	
	-5369 Jan 19 j 15:04	0°♐	
morning set	-5369 Feb 02 j 17:08	25°♐14'00	
	-5369 Feb 05 j 02:24	0°♑	
max. Earth dist.	-5369 Feb 07 j 18:09	5°♑27'20	1.33699 AU
superior conj	-5369 Feb 10 j 15:20	11°♑31'14	-1°-2'-59
minimum elong	-5369 Feb 10 j 17:52	11°♑44'42	1°02'53
asc. node	-5369 Feb 17 j 04:47	25°♑30'14	
evening rise	-5369 Feb 17 j 21:48	26°♑59'31	
	-5369 Feb 19 j 08:35	0°♒	
	-5369 Mar 09 j 23:57	0°♓	
evening max el	-5369 Mar 11 j 16:12	1°♓41'22	22°30'03
retrograde	-5369 Mar 24 j 14:28	7°♓59'03	
evening set	-5369 Mar 27 j 16:45	7°♓38'00	
desc. node	-5369 Apr 01 j 16:45	5°♓46'50	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

min. Earth dist.	-5369 Apr 05 j 01:00	3°♓58'35	0.55426 AU
inferior conj	-5369 Apr 05 j 23:42	3°♓26'13	-1°-9'-38
minimum elong	-5369 Apr 05 j 20:36	3°♓30'39	1°08'47
	-5369 Apr 13 j 01:55	30°℞♒	
morning rise	-5369 Apr 15 j 02:30	29°♒28'11	
direct	-5369 Apr 17 j 15:42	29°♒13'11	
	-5369 Apr 22 j 00:55	0°♓	
morning max el	-5369 Apr 29 j 03:06	4°♓36'28	21°00'03
	-5369 May 15 j 20:51	0°♈	
asc. node	-5369 May 16 j 04:39	0°♈38'47	
morning set	-5369 May 18 j 13:53	5°♈28'18	
superior conj	-5369 May 26 j 04:04	21°♈12'17	1°26'33
minimum elong	-5369 May 26 j 01:19	20°♈58'08	1°26'18
max. Earth dist.	-5369 May 30 j 08:45	29°♈40'39	1.35558 AU
	-5369 May 30 j 12:39	0°♉	
evening rise	-5369 Jun 03 j 18:30	8°♉11'37	
	-5369 Jun 16 j 07:09	0°♊	
desc. node	-5369 Jun 28 j 14:56	18°♊04'00	
	-5369 Jul 08 j 18:51	0°♋	
evening max el	-5369 Jul 09 j 06:05	0°♋27'40	26°31'59
retrograde	-5369 Jul 22 j 02:33	7°♋44'55	
evening set	-5369 Jul 28 j 16:07	4°♋59'40	
min. Earth dist.	-5369 Aug 01 j 17:11	0°♋43'50	0.65951 AU
	-5369 Aug 02 j 07:40	30°℞♊	
inferior conj	-5369 Aug 03 j 07:15	28°♊47'55	-2°-42'-23
minimum elong	-5369 Aug 03 j 10:31	28°♊37'55	2°41'03
morning rise	-5369 Aug 09 j 05:51	22°♊59'38	
direct	-5369 Aug 12 j 06:21	22°♊07'55	
asc. node	-5369 Aug 12 j 04:19	22°♊07'58	
morning max el	-5369 Aug 19 j 00:59	25°♊55'05	18°44'30
	-5369 Aug 22 j 12:24	0°♋	
morning set	-5369 Sep 08 j 21:00	26°♋42'46	
	-5369 Sep 10 j 22:15	0°♌	
superior conj	-5369 Sep 24 j 17:37	21°♌53'58	0°00'-52
minimum elong	-5369 Sep 24 j 17:32	21°♌53'37	0°00'38
behind sun begin	-5369 Sep 24 j 06:07	21°♌08'37	
behind sun end	-5369 Sep 25 j 04:57	22°♌38'37	
desc. node	-5369 Sep 24 j 14:18	21°♌40'53	
max. Earth dist.	-5369 Sep 24 j 23:25	22°♌16'50	1.44770 AU
	-5369 Sep 29 j 20:52	0°♍	
evening rise	-5369 Oct 10 j 19:46	17°♍23'48	
	-5369 Oct 18 j 17:10	0°♎	
evening max el	-5369 Nov 01 j 10:38	19°♎25'00	18°58'54
retrograde	-5369 Nov 08 j 08:11	23°♎20'36	
asc. node	-5369 Nov 08 j 03:01	23°♎20'20	
evening set	-5369 Nov 11 j 10:30	22°♎25'25	
inferior conj	-5369 Nov 17 j 06:16	16°♎36'28	2°46'48
minimum elong	-5369 Nov 17 j 03:05	16°♎46'21	2°45'47
min. Earth dist.	-5369 Nov 18 j 19:04	14°♎42'32	0.65399 AU
morning rise	-5369 Nov 22 j 18:39	10°♎25'58	
direct	-5369 Nov 29 j 06:23	7°♎39'31	
morning max el	-5369 Dec 12 j 04:24	15°♎10'08	26°38'44
desc. node	-5369 Dec 21 j 14:42	26°♎10'24	
	-5369 Dec 24 j 10:54	0°♏	
	-5368 Jan 12 j 08:44	0°♐	
morning set	-5368 Jan 17 j 01:34	8°♐39'55	
max. Earth dist.	-5368 Jan 21 j 10:07	17°♐08'07	1.34845 AU
superior conj	-5368 Jan 25 j 16:29	25°♐48'03	-1°-23'-33
minimum elong	-5368 Jan 25 j 19:25	26°♐03'11	1°23'31
	-5368 Jan 27 j 16:59	0°♑	
evening rise	-5368 Feb 02 j 06:49	11°♑38'57	
asc. node	-5368 Feb 04 j 01:50	15°♑19'01	
	-5368 Feb 11 j 23:04	0°♒	
evening max el	-5368 Feb 21 j 16:40	12°♒46'22	21°02'33
retrograde	-5368 Mar 04 j 04:35	18°♒14'37	
evening set	-5368 Mar 06 j 16:20	18°♒00'09	
inferior conj	-5368 Mar 15 j 19:23	14°♒01'45	0°45'23
minimum elong	-5368 Mar 15 j 21:25	13°♒58'50	0°44'27
min. Earth dist.	-5368 Mar 16 j 15:21	13°♒33'13	0.55275 AU
desc. node	-5368 Mar 18 j 13:56	12°♒28'17	
morning rise	-5368 Mar 25 j 01:30	9°♒51'15	
direct	-5368 Mar 28 j 03:59	9°♒30'13	
morning max el	-5368 Apr 10 j 03:22	15°♒46'38	22°31'00
	-5368 Apr 21 j 04:01	0°♓	
morning set	-5368 May 02 j 00:20	20°♓23'30	
asc. node	-5368 May 02 j 01:35	20°♓30'04	
	-5368 May 06 j 13:27	0°♈	
superior conj	-5368 May 09 j 07:02	5°♈48'03	1°08'02
minimum elong	-5368 May 09 j 04:28	5°♈34'30	1°07'37
max. Earth dist.	-5368 May 12 j 04:03	11°♈49'10	1.34297 AU
evening rise	-5368 May 17 j 05:04	21°♈58'49	
	-5368 May 21 j 10:15	0°♉	
	-5368 Jun 09 j 01:43	0°♊	
desc. node	-5368 Jun 14 j 12:08	7°♊00'06	
evening max el	-5368 Jun 20 j 17:14	13°♊47'05	27°12'43
retrograde	-5368 Jul 04 j 02:57	21°♊12'22	
evening set	-5368 Jul 11 j 02:18	18°♊25'40	
min. Earth dist.	-5368 Jul 14 j 20:29	14°♊47'30	0.64753 AU
inferior conj	-5368 Jul 17 j 00:23	12°♊22'09	-3°-22'-37
minimum elong	-5368 Jul 17 j 03:52	12°♊12'25	3°21'32
morning rise	-5368 Jul 23 j 06:52	6°♊49'14	
direct	-5368 Jul 26 j 01:25	6°♊08'15	
asc. node	-5368 Jul 29 j 01:23	6°♊55'28	
morning max el	-5368 Aug 01 j 14:10	9°♊39'33	18°12'24
	-5368 Aug 15 j 11:07	0°♋	
morning set	-5368 Aug 19 j 21:55	7°♋27'11	
superior conj	-5368 Sep 02 j 21:51	0°♌25'17	0°46'17
minimum elong	-5368 Sep 03 j 03:00	0°♌45'55	0°45'56
	-5368 Sep 02 j 15:32	0°♌	
max. Earth dist.	-5368 Sep 06 j 16:44	6°♌27'27	1.44480 AU
desc. node	-5368 Sep 10 j 11:14	12°♌24'37	
evening rise	-5368 Sep 19 j 13:53	26°♌38'12	
	-5368 Sep 21 j 17:55	0°♍	
greatest brilliancy	-5368 Oct 06 j 20:38	22°♍52'21	-0.6m
	-5368 Oct 12 j 04:48	0°♎	
evening max el	-5368 Oct 14 j 17:38	2°♎51'38	19°48'48
retrograde	-5368 Oct 22 j 04:53	7°♎12'40	
asc. node	-5368 Oct 25 j 00:12	6°♎26'51	
evening set	-5368 Oct 25 j 15:26	6°♎03'40	
inferior conj	-5368 Oct 31 j 05:48	0°♎02'03	2°00'43
minimum elong	-5368 Oct 31 j 03:14	0°♎10'28	1°59'49
	-5368 Oct 31 j 06:26	30°℞♍	
min. Earth dist.	-5368 Nov 01 j 05:54	28°♍42'53	0.66360 AU
morning rise	-5368 Nov 05 j 14:20	23°♍46'13	
direct	-5368 Nov 11 j 12:15	21°♍12'18	
morning max el	-5368 Nov 23 j 13:33	28°♍20'25	25°29'34
	-5368 Nov 25 j 03:55	0°♎	
desc. node	-5368 Dec 07 j 11:36	15°♎28'50	
	-5368 Dec 17 j 05:11	0°♏	
morning set	-5368 Dec 29 j 17:59	21°♏12'43	
max. Earth dist.	-5367 Jan 02 j 14:17	28°♏19'34	1.36430 AU
	-5367 Jan 03 j 11:27	0°♐	
superior conj	-5367 Jan 08 j 09:23	9°♐35'07	-1°-40'-1
minimum elong	-5367 Jan 08 j 12:01	9°♐48'12	1°40'06
evening rise	-5367 Jan 16 j 11:46	25°♐59'54	
	-5367 Jan 18 j 11:38	0°♑	
asc. node	-5367 Jan 20 j 22:54	4°♑48'57	
evening max el	-5367 Feb 03 j 03:20	24°♑25'10	19°49'55

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

retrograde	-5367 Feb 12 j 22:55	29°♉03'32	
evening set	-5367 Feb 15 j 07:48	28°♉48'33	
inferior conj	-5367 Feb 23 j 21:32	24°♉46'34	2°27'14
minimum elong	-5367 Feb 24 j 02:40	24°♉38'34	2°25'32
min. Earth dist.	-5367 Feb 26 j 05:50	23°♉19'11	0.56036 AU
morning rise	-5367 Mar 04 j 18:19	20°♉10'09	
desc. node	-5367 Mar 05 j 11:05	19°♉58'20	
direct	-5367 Mar 08 j 23:01	19°♉30'53	
morning max el	-5367 Mar 22 j 20:00	26°♉28'23	24°09'32
	-5367 Mar 26 j 04:36	0°♒	
	-5367 Apr 13 j 21:06	0°♓	
morning set	-5367 Apr 16 j 12:31	5°♓26'28	
asc. node	-5367 Apr 18 j 22:33	10°♓34'15	
superior conj	-5367 Apr 23 j 14:54	20°♓40'13	0°46'32
minimum elong	-5367 Apr 23 j 12:59	20°♓29'51	0°46'05
max. Earth dist.	-5367 Apr 25 j 08:45	24°♓24'47	1.33402 AU
	-5367 Apr 28 j 00:09	0°♈	
evening rise	-5367 May 01 j 02:00	6°♈19'10	
	-5367 May 14 j 00:16	0°♉	
desc. node	-5367 Jun 01 j 09:20	25°♉01'54	
evening max el	-5367 Jun 03 j 03:13	26°♉46'37	27°25'21
	-5367 Jun 06 j 20:22	0°♊	
retrograde	-5367 Jun 16 j 21:23	4°♊12'27	
evening set	-5367 Jun 24 j 00:08	1°♊37'29	
	-5367 Jun 26 j 00:26	30°℞♉	
min. Earth dist.	-5367 Jun 27 j 14:37	28°♉30'54	0.63183 AU
inferior conj	-5367 Jun 30 j 08:26	25°♉45'06	-3°-53'-12
minimum elong	-5367 Jun 30 j 11:13	25°♉38'04	3°52'35
morning rise	-5367 Jul 07 j 00:21	20°♉30'29	
direct	-5367 Jul 09 j 15:06	19°♉57'37	
asc. node	-5367 Jul 15 j 22:25	23°♉06'06	
morning max el	-5367 Jul 16 j 04:48	23°♉21'35	17°58'04
	-5367 Jul 21 j 11:02	0°♊	
morning set	-5367 Aug 01 j 23:14	19°♊21'27	
	-5367 Aug 08 j 01:53	0°♋	
superior conj	-5367 Aug 14 j 00:18	10°♋03'20	1°21'53
minimum elong	-5367 Aug 14 j 06:03	10°♋27'17	1°21'39
max. Earth dist.	-5367 Aug 20 j 07:19	20°♋22'24	1.43516 AU
	-5367 Aug 26 j 08:31	0°♌	
desc. node	-5367 Aug 28 j 08:12	3°♌06'29	
evening rise	-5367 Aug 29 j 17:37	5°♌16'20	
	-5367 Sep 15 j 04:21	0°♍	
greatest brilliancy	-5367 Sep 22 j 01:05	9°♍29'58	-0.5m
evening max el	-5367 Sep 27 j 18:55	16°♍17'52	20°52'43
retrograde	-5367 Oct 06 j 01:49	21°♍11'25	
evening set	-5367 Oct 09 j 22:57	19°♍45'39	
asc. node	-5367 Oct 11 j 21:23	17°♍59'37	
inferior conj	-5367 Oct 15 j 09:33	13°♍34'40	1°10'24
minimum elong	-5367 Oct 15 j 07:58	13°♍40'03	1°09'52
min. Earth dist.	-5367 Oct 15 j 22:17	12°♍51'19	0.66994 AU
morning rise	-5367 Oct 20 j 16:33	7°♍16'33	
direct	-5367 Oct 25 j 23:14	5°♍01'28	
morning max el	-5367 Nov 05 j 22:18	11°♍34'08	24°07'19
	-5367 Nov 20 j 16:19	0°♎	
desc. node	-5367 Nov 24 j 08:29	5°♎17'28	
	-5367 Dec 09 j 23:50	0°♏	
morning set	-5367 Dec 11 j 12:27	2°♏36'22	
max. Earth dist.	-5367 Dec 15 j 11:13	9°♏31'54	1.38368 AU
superior conj	-5367 Dec 22 j 14:23	22°♏42'17	-1°-50'-9
minimum elong	-5367 Dec 22 j 15:40	22°♏48'26	1°50'21
	-5367 Dec 26 j 09:03	0°♐	
evening rise	-5367 Dec 31 j 10:21	9°♐56'11	
asc. node	-5366 Jan 07 j 20:00	23°♐53'00	
	-5366 Jan 11 j 14:35	0°♑	
evening max el	-5366 Jan 17 j 00:00	6°♑38'13	18°55'57
retrograde	-5366 Jan 25 j 08:33	10°♑38'47	
evening set	-5366 Jan 27 j 19:01	10°♑19'45	
inferior conj	-5366 Feb 04 j 16:36	6°♑01'27	3°34'11
minimum elong	-5366 Feb 04 j 20:46	5°♑53'59	3°33'10
min. Earth dist.	-5366 Feb 07 j 21:08	3°♑45'20	0.57528 AU
morning rise	-5366 Feb 12 j 18:53	0°♑57'05	
	-5366 Feb 15 j 19:45	30°℞♐	
direct	-5366 Feb 18 j 06:08	29°♐45'40	
desc. node	-5366 Feb 20 j 08:12	29°♐56'08	
	-5366 Feb 20 j 16:46	0°♑	
morning max el	-5366 Mar 04 j 10:56	7°♑06'25	25°42'22
	-5366 Mar 21 j 08:10	0°♒	
morning set	-5366 Apr 01 j 00:38	20°♒29'37	
	-5366 Apr 05 j 11:08	0°♓	
asc. node	-5366 Apr 05 j 19:30	0°♓45'35	
superior conj	-5366 Apr 08 j 01:34	5°♓40'24	0°23'06
minimum elong	-5366 Apr 08 j 00:34	5°♓34'57	0°22'45
max. Earth dist.	-5366 Apr 08 j 19:44	7°♓19'20	1.32851 AU
evening rise	-5366 Apr 15 j 05:56	21°♓00'20	
	-5366 Apr 19 j 18:08	0°♈	
	-5366 May 08 j 06:59	0°♉	
evening max el	-5366 May 16 j 09:24	9°♉12'36	27°05'46
desc. node	-5366 May 19 j 06:33	11°♉45'26	
retrograde	-5366 May 30 j 08:45	16°♉35'40	
evening set	-5366 Jun 06 j 05:38	14°♉26'06	
min. Earth dist.	-5366 Jun 09 j 22:48	11°♉39'31	0.61300 AU
inferior conj	-5366 Jun 13 j 04:00	8°♉48'19	-4°-9'-8
minimum elong	-5366 Jun 13 j 04:55	8°♉46'17	4°08'57
morning rise	-5366 Jun 20 j 07:04	3°♉54'34	
direct	-5366 Jun 22 j 19:39	3°♉28'01	
morning max el	-5366 Jun 29 j 18:13	6°♉54'27	18°02'27
asc. node	-5366 Jul 02 j 19:26	10°♉23'31	
	-5366 Jul 14 j 15:00	0°♊	
morning set	-5366 Jul 15 j 19:35	2°♊11'07	
superior conj	-5366 Jul 26 j 06:25	21°♊03'48	1°42'24
minimum elong	-5366 Jul 26 j 09:40	21°♊18'01	1°42'32
	-5366 Jul 31 j 11:04	0°♋	
max. Earth dist.	-5366 Aug 02 j 17:05	3°♋46'11	1.42002 AU
evening rise	-5366 Aug 09 j 02:57	14°♋11'39	
desc. node	-5366 Aug 15 j 05:12	23°♋43'01	
	-5366 Aug 19 j 08:39	0°♌	
greatest brilliancy	-5366 Sep 05 j 19:43	24°♌19'58	-0.4m
evening max el	-5366 Sep 10 j 13:49	29°♌42'43	22°07'21
	-5366 Sep 10 j 20:42	0°♍	
retrograde	-5366 Sep 19 j 21:16	5°♍14'16	
evening set	-5366 Sep 24 j 07:07	3°♍29'18	
	-5366 Sep 27 j 13:43	30°℞♌	
asc. node	-5366 Sep 28 j 18:32	28°♌24'28	
inferior conj	-5366 Sep 29 j 15:32	27°♌12'14	0°17'51
minimum elong	-5366 Sep 29 j 15:07	27°♌13'41	0°17'51
min. Earth dist.	-5366 Sep 29 j 17:46	27°♌04'33	0.67317 AU
morning rise	-5366 Oct 04 j 22:58	20°♌54'53	
direct	-5366 Oct 09 j 14:36	19°♌01'04	
morning max el	-5366 Oct 19 j 09:17	24°♌51'15	22°41'26
	-5366 Oct 23 j 23:12	0°♍	
greatest brilliancy	-5366 Oct 24 j 03:28	0°♍12'59	-0.3m
desc. node	-5366 Nov 11 j 05:20	25°♍27'25	
	-5366 Nov 14 j 04:37	0°♎	
morning set	-5366 Nov 22 j 03:36	12°♎38'42	
max. Earth dist.	-5366 Nov 27 j 08:52	21°♎21'04	1.40425 AU
	-5366 Dec 02 j 08:24	0°♏	
superior conj	-5366 Dec 05 j 02:42	4°♏56'47	-1°-51'-3
minimum elong	-5366 Dec 05 j 01:25	4°♏50'58	1°51'11

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening rise	-5366 Dec 14 j 23:43	23°♏21'03	
	-5366 Dec 18 j 12:40	0°♐	
asc. node	-5366 Dec 25 j 17:06	12°♐22'50	
evening max el	-5366 Dec 31 j 04:43	19°♐20'06	18°22'03
retrograde	-5365 Jan 07 j 12:55	22°♐58'17	
evening set	-5365 Jan 10 j 01:18	22°♐33'49	
inferior conj	-5365 Jan 17 j 08:01	17°♐54'05	4°03'49
minimum elong	-5365 Jan 17 j 09:15	17°♐51'30	4°03'26
min. Earth dist.	-5365 Jan 20 j 16:09	15°♐08'11	0.59424 AU
morning rise	-5365 Jan 24 j 14:04	12°♐26'47	
direct	-5365 Jan 31 j 01:17	10°♐36'33	
desc. node	-5365 Feb 07 j 05:16	12°♐42'05	
morning max el	-5365 Feb 14 j 06:07	18°♐09'22	26°54'19
	-5365 Feb 24 j 04:41	0°♑	
	-5365 Mar 13 j 19:01	0°♒	
morning set	-5365 Mar 16 j 10:57	5°♒26'42	
superior conj	-5365 Mar 23 j 13:18	20°♒42'28	0°-1'-22
minimum elong	-5365 Mar 23 j 13:22	20°♒42'49	0°01'34
behind sun begin	-5365 Mar 23 j 08:23	20°♒15'34	
behind sun end	-5365 Mar 23 j 18:20	21°♒10'03	
max. Earth dist.	-5365 Mar 23 j 09:18	20°♒20'38	1.32632 AU
asc. node	-5365 Mar 23 j 16:28	20°♒59'51	
	-5365 Mar 27 j 19:45	0°♓	
evening rise	-5365 Mar 30 j 14:22	5°♓53'35	
	-5365 Apr 12 j 11:01	0°♈	
evening max el	-5365 Apr 28 j 09:32	20°♈56'40	26°14'01
desc. node	-5365 May 06 j 03:45	26°♈39'11	
retrograde	-5365 May 12 j 11:43	28°♈15'08	
evening set	-5365 May 18 j 15:06	26°♈41'17	
min. Earth dist.	-5365 May 22 j 22:19	23°♈58'20	0.59262 AU
inferior conj	-5365 May 26 j 07:26	21°♈22'17	-4°-2'-58
minimum elong	-5365 May 26 j 05:21	21°♈26'19	4°02'44
morning rise	-5365 Jun 02 j 23:25	16°♈50'42	
direct	-5365 Jun 05 j 10:38	16°♈29'24	
morning max el	-5365 Jun 13 j 03:37	20°♈10'16	18°26'24
asc. node	-5365 Jun 19 j 16:25	28°♈33'01	
	-5365 Jun 20 j 14:08	0°♉	
morning set	-5365 Jun 29 j 06:03	15°♉43'35	
	-5365 Jul 06 j 18:07	0°♊	
superior conj	-5365 Jul 08 j 12:36	3°♊17'16	1°49'29
minimum elong	-5365 Jul 08 j 13:00	3°♊19'07	1°49'45
max. Earth dist.	-5365 Jul 15 j 21:02	16°♊26'22	1.40147 AU
evening rise	-5365 Jul 20 j 10:25	24°♊10'34	
	-5365 Jul 23 j 23:41	0°♋	
desc. node	-5365 Aug 02 j 02:13	14°♋10'01	
	-5365 Aug 13 j 05:02	0°♌	
evening max el	-5365 Aug 24 j 03:19	13°♌07'03	23°27'49
retrograde	-5365 Sep 03 j 13:57	19°♌17'54	
evening set	-5365 Sep 08 j 14:06	17°♌12'42	
inferior conj	-5365 Sep 13 j 22:00	10°♌52'51	0°-35'-13
minimum elong	-5365 Sep 13 j 22:48	10°♌50'05	0°34'39
min. Earth dist.	-5365 Sep 13 j 13:58	11°♌20'23	0.67346 AU
asc. node	-5365 Sep 15 j 15:40	8°♌32'48	
morning rise	-5365 Sep 19 j 07:35	4°♌39'19	
direct	-5365 Sep 23 j 09:31	3°♌06'14	
morning max el	-5365 Oct 02 j 01:24	8°♌13'54	21°19'45
greatest brilliancy	-5365 Oct 07 j 09:57	14°♌27'39	-0.4m
	-5365 Oct 18 j 13:53	0°♍	
desc. node	-5365 Oct 29 j 02:09	15°♍51'40	
morning set	-5365 Nov 01 j 15:45	21°♍25'15	
	-5365 Nov 07 j 00:58	0°♎	
max. Earth dist.	-5365 Nov 09 j 12:04	4°♎00'32	1.42312 AU
superior conj	-5365 Nov 16 j 16:29	16°♎03'07	-1°-39'-12
minimum elong	-5365 Nov 16 j 11:51	15°♎43'15	1°38'57
	-5365 Nov 24 j 15:06	0°♏	
evening rise	-5365 Nov 28 j 00:12	6°♏05'34	
	-5365 Dec 12 j 11:53	0°♐	
asc. node	-5365 Dec 12 j 14:14	0°♐07'13	
evening max el	-5365 Dec 14 j 14:47	2°♐22'30	18°08'15
retrograde	-5365 Dec 21 j 09:12	5°♐51'55	
evening set	-5365 Dec 23 j 23:43	5°♐21'03	
inferior conj	-5365 Dec 30 j 17:54	0°♐19'27	4°04'04
minimum elong	-5365 Dec 30 j 16:31	0°♐22'46	4°03'43
	-5365 Dec 31 j 02:00	30°℞♏	
min. Earth dist.	-5364 Jan 02 j 18:22	27°♏26'47	0.61395 AU
morning rise	-5364 Jan 06 j 06:55	24°♏35'24	
direct	-5364 Jan 13 j 06:44	22°♏11'17	
desc. node	-5364 Jan 25 j 02:18	27°♏48'14	
	-5364 Jan 27 j 11:16	0°♐	
morning max el	-5364 Jan 27 j 07:38	29°♏51'06	27°34'20
	-5364 Feb 18 j 02:15	0°♑	
morning set	-5364 Feb 28 j 17:32	20°♑10'28	
	-5364 Mar 04 j 09:34	0°♒	
max. Earth dist.	-5364 Mar 05 j 21:35	3°♒14'30	1.32747 AU
superior conj	-5364 Mar 07 j 00:27	5°♒40'30	0°-26'00
minimum elong	-5364 Mar 07 j 01:36	5°♒46'46	0°26'02
asc. node	-5364 Mar 09 j 13:25	11°♒12'44	
evening rise	-5364 Mar 14 j 01:16	20°♒51'36	
	-5364 Mar 18 j 13:03	0°♓	
	-5364 Apr 07 j 03:19	0°♈	
evening max el	-5364 Apr 09 j 03:55	2°♈02'55	24°56'16
desc. node	-5364 Apr 22 j 00:57	9°♈06'57	
retrograde	-5364 Apr 23 j 04:31	9°♈10'02	
evening set	-5364 Apr 28 j 03:40	8°♈13'21	
min. Earth dist.	-5364 May 03 j 16:17	5°♈17'53	0.57347 AU
inferior conj	-5364 May 06 j 15:36	3°♈18'50	-3°-25'-15
minimum elong	-5364 May 06 j 10:40	3°♈27'08	3°24'18
	-5364 May 12 j 07:31	30°℞♓	
morning rise	-5364 May 14 j 21:57	29°♓07'08	
direct	-5364 May 17 j 07:59	28°♓50'07	
	-5364 May 22 j 01:43	0°♈	
morning max el	-5364 May 26 j 06:11	3°♈00'13	19°10'29
asc. node	-5364 Jun 05 j 13:23	17°♈22'37	
morning set	-5364 Jun 12 j 02:48	29°♈49'29	
	-5364 Jun 12 j 04:56	0°♉	
superior conj	-5364 Jun 20 j 13:10	16°♉27'57	1°46'12
minimum elong	-5364 Jun 20 j 11:35	16°♉20'16	1°46'20
max. Earth dist.	-5364 Jun 26 j 22:07	28°♉26'53	1.38213 AU
	-5364 Jun 27 j 18:38	0°♊	
evening rise	-5364 Jun 30 j 20:37	5°♊28'52	
	-5364 Jul 15 j 23:56	0°♋	
desc. node	-5364 Jul 18 j 23:18	4°♋22'39	
evening max el	-5364 Aug 05 j 14:05	26°♋34'27	24°47'30
	-5364 Aug 09 j 10:34	0°♌	
retrograde	-5364 Aug 17 j 02:54	3°♌19'16	
evening set	-5364 Aug 22 j 18:09	0°♌55'00	
	-5364 Aug 23 j 17:33	30°℞♋	
min. Earth dist.	-5364 Aug 27 j 08:33	25°♋38'10	0.67071 AU
inferior conj	-5364 Aug 28 j 03:16	24°♋35'47	-1°-27'-7
minimum elong	-5364 Aug 28 j 05:14	24°♋29'15	1°26'04
asc. node	-5364 Sep 01 j 12:47	19°♋25'04	
morning rise	-5364 Sep 02 j 16:40	18°♋29'15	
direct	-5364 Sep 06 j 06:55	17°♋14'35	
morning max el	-5364 Sep 14 j 00:25	21°♋44'47	20°08'11
	-5364 Sep 20 j 18:14	0°♌	
greatest brilliancy	-5364 Sep 21 j 04:44	0°♌36'02	-0.6m
morning set	-5364 Oct 10 j 14:45	29°♌40'01	
	-5364 Oct 10 j 19:54	0°♍	
desc. node	-5364 Oct 14 j 23:01	6°♍26'06	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-5364 Oct 21 j 22:06	17°♍26'47	1.43773 AU	
superior conj	-5364 Oct 27 j 03:10	25°♍51'57	-1°-11'-39	
minimum elong	-5364 Oct 26 j 20:40	25°♍25'25	1°10'56	
	-5364 Oct 29 j 15:35	0°♎		
evening rise	-5364 Nov 09 j 07:28	18°♎00'52		
	-5364 Nov 16 j 07:20	0°♏		
evening max el	-5364 Nov 27 j 03:24	15°♏38'35	18°13'43	
asc. node	-5364 Nov 28 j 11:23	16°♏52'58		
retrograde	-5364 Dec 03 j 16:57	19°♏10'30		
evening set	-5364 Dec 06 j 10:45	18°♏31'45		
inferior conj	-5364 Dec 12 j 18:41	13°♏09'48	3°43'58	
minimum elong	-5364 Dec 12 j 15:48	13°♏17'33	3°43'17	
min. Earth dist.	-5364 Dec 15 j 05:59	10°♏30'33	0.63200 AU	
morning rise	-5364 Dec 18 j 19:08	7°♏13'24		
direct	-5364 Dec 25 j 20:29	4°♏28'55		
morning max el	-5363 Jan 08 j 14:16	12°♏10'54	27°38'21	
desc. node	-5363 Jan 10 j 23:16	14°♏38'29		
	-5363 Jan 22 j 21:01	0°♐		
	-5363 Feb 09 j 10:50	0°♑		
morning set	-5363 Feb 11 j 18:03	4°♑32'28		
max. Earth dist.	-5363 Feb 17 j 04:42	15°♑47'21	1.33233 AU	
superior conj	-5363 Feb 19 j 09:20	20°♑28'21	0°-49'-56	
minimum elong	-5363 Feb 19 j 11:26	20°♑39'40	0°49'52	
	-5363 Feb 23 j 19:27	0°♒		
asc. node	-5363 Feb 24 j 10:25	1°♒20'13		
evening rise	-5363 Feb 26 j 12:50	5°♒47'41		
	-5363 Mar 11 j 14:41	0°♓		
evening max el	-5363 Mar 21 j 20:16	12°♓49'18	23°24'09	
retrograde	-5363 Apr 04 j 08:36	19°♓29'42		
evening set	-5363 Apr 08 j 00:53	19°♓00'02		
desc. node	-5363 Apr 08 j 22:10	18°♓44'27		
min. Earth dist.	-5363 Apr 15 j 07:41	15°♓40'15	0.55909 AU	
inferior conj	-5363 Apr 17 j 04:05	14°♓34'15	-2°-9'-7	
minimum elong	-5363 Apr 16 j 23:04	14°♓41'45	2°07'46	
morning rise	-5363 Apr 26 j 00:29	10°♓34'39		
direct	-5363 Apr 28 j 10:58	10°♓19'56		
morning max el	-5363 May 08 j 23:13	15°♓14'03	20°14'39	
	-5363 May 19 j 18:58	0°♈		
asc. node	-5363 May 23 j 10:20	6°♈42'01		
morning set	-5363 May 27 j 06:43	14°♈19'57		
	-5363 Jun 03 j 22:55	0°♉		
superior conj	-5363 Jun 04 j 02:55	0°♉20'13	1°35'21	
minimum elong	-5363 Jun 04 j 00:21	0°♉07'15	1°35'14	
max. Earth dist.	-5363 Jun 09 j 02:53	10°♉11'38	1.36442 AU	
evening rise	-5363 Jun 13 j 05:52	17°♉56'56		
	-5363 Jun 20 j 01:52	0°♊		
desc. node	-5363 Jul 05 j 20:26	24°♊13'27		
	-5363 Jul 10 j 04:53	0°♋		
evening max el	-5363 Jul 19 j 00:41	10°♋04'18	25°58'30	
retrograde	-5363 Jul 31 j 11:18	17°♋12'34		
evening set	-5363 Aug 06 j 17:12	14°♋33'15		
min. Earth dist.	-5363 Aug 10 j 23:00	9°♋54'35	0.66464 AU	
inferior conj	-5363 Aug 12 j 05:30	8°♋17'57	-2°-16'-10	
minimum elong	-5363 Aug 12 j 08:25	8°♋08'45	2°14'52	
morning rise	-5363 Aug 18 j 00:17	2°♋21'50		
asc. node	-5363 Aug 19 j 09:54	1°♋41'16		
direct	-5363 Aug 21 j 05:10	1°♋22'31		
morning max el	-5363 Aug 28 j 06:14	5°♋22'57	19°10'29	
	-5363 Sep 14 j 14:12	0°♌		
morning set	-5363 Sep 19 j 23:30	8°♌28'00		
desc. node	-5363 Oct 01 j 19:56	27°♌06'43		
	-5363 Oct 03 j 15:53	0°♍		
max. Earth dist.	-5363 Oct 04 j 13:44	1°♍26'17	1.44614 AU	
superior conj	-5363 Oct 06 j 12:38	4°♍31'46	0°-29'-11	
minimum elong	-5363 Oct 06 j 08:58	4°♍17'18	0°28'34	
evening rise	-5363 Oct 21 j 16:39	28°♍57'01		
	-5363 Oct 22 j 08:01	0°♎		
evening max el	-5363 Nov 10 j 15:50	29°♎02'36	18°37'29	
	-5363 Nov 11 j 15:28	0°♏		
asc. node	-5363 Nov 15 j 08:32	2°♏24'57		
retrograde	-5363 Nov 17 j 08:18	2°♏46'40		
evening set	-5363 Nov 20 j 07:01	1°♏58'06		
	-5363 Nov 22 j 21:38	30°℞♎		
inferior conj	-5363 Nov 26 j 06:41	26°♎18'11	3°10'23	
minimum elong	-5363 Nov 26 j 03:23	26°♎27'58	3°09'25	
min. Earth dist.	-5363 Nov 28 j 03:29	24°♎05'43	0.64701 AU	
morning rise	-5363 Dec 01 j 22:33	20°♎12'20		
direct	-5363 Dec 08 j 17:01	17°♎22'51		
morning max el	-5363 Dec 21 j 23:32	24°♎59'50	27°08'42	
	-5363 Dec 26 j 14:15	0°♏		
desc. node	-5363 Dec 28 j 20:15	2°♏42'54		
	-5362 Jan 16 j 06:53	0°♐		
morning set	-5362 Jan 26 j 09:30	18°♐22'50		
max. Earth dist.	-5362 Jan 31 j 03:04	27°♐48'57	1.34132 AU	
	-5362 Feb 01 j 04:34	0°♑		
superior conj	-5362 Feb 03 j 14:02	4°♑59'28	-1°-12'-6	
minimum elong	-5362 Feb 03 j 16:48	5°♑14'00	1°12'01	
evening rise	-5362 Feb 10 j 23:22	20°♑35'48		
asc. node	-5362 Feb 11 j 07:27	21°♑17'51		
	-5362 Feb 15 j 15:15	0°♒		
evening max el	-5362 Mar 03 j 16:22	23°♒41'45	21°51'29	
retrograde	-5362 Mar 16 j 01:07	29°♒38'40		
evening set	-5362 Mar 18 j 19:38	29°♒21'34		
desc. node	-5362 Mar 26 j 19:20	26°♒01'47		
inferior conj	-5362 Mar 28 j 02:32	25°♒18'02	0°-21'-20	
minimum elong	-5362 Mar 28 j 01:32	25°♒19'26	0°21'13	
min. Earth dist.	-5362 Mar 27 j 22:02	25°♒24'22	0.55249 AU	
morning rise	-5362 Apr 06 j 08:09	21°♒16'47		
direct	-5362 Apr 09 j 01:41	21°♒00'08		
morning max el	-5362 Apr 21 j 05:18	26°♒46'33	21°37'08	
	-5362 Apr 24 j 07:05	0°♓		
asc. node	-5362 May 10 j 07:18	26°♓23'52		
morning set	-5362 May 11 j 15:24	29°♓08'19		
	-5362 May 12 j 01:23	0°♈		
superior conj	-5362 May 19 j 01:57	14°♈42'51	1°19'08	
minimum elong	-5362 May 18 j 23:12	14°♈28'34	1°18'48	
max. Earth dist.	-5362 May 22 j 16:40	22°♈08'02	1.34981 AU	
	-5362 May 26 j 16:07	0°♉		
evening rise	-5362 May 27 j 08:40	1°♉19'35		
	-5362 Jun 13 j 01:50	0°♊		
desc. node	-5362 Jun 22 j 17:35	13°♊32'55		
evening max el	-5362 Jul 01 j 11:58	23°♊30'41	26°52'25	
	-5362 Jul 10 j 12:45	0°♋		
retrograde	-5362 Jul 14 j 14:31	0°♋51'33		
	-5362 Jul 18 j 09:44	30°℞♊		
evening set	-5362 Jul 21 j 08:53	28°♊04'33		
min. Earth dist.	-5362 Jul 25 j 06:55	24°♊05'00	0.65491 AU	
inferior conj	-5362 Jul 27 j 02:39	21°♊56'11	-3°00'-22	
minimum elong	-5362 Jul 27 j 06:06	21°♊46'01	2°59'07	
morning rise	-5362 Aug 02 j 04:23	16°♊13'52		
direct	-5362 Aug 05 j 02:11	15°♊26'54		
asc. node	-5362 Aug 06 j 07:00	15°♊34'49		
morning max el	-5362 Aug 11 j 17:20	19°♊06'01	18°28'44	
	-5362 Aug 19 j 21:44	0°♋		
morning set	-5362 Aug 31 j 08:53	18°♋28'24		
	-5362 Sep 07 j 11:37	0°♌		
superior conj	-5362 Sep 15 j 11:57	12°♌46'32	0°20'01	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5362 Sep 15 j 14:31	12°♌56'41	0°19'55
max. Earth dist.	-5362 Sep 17 j 07:54	15°♌40'14	1.44739 AU
desc. node	-5362 Sep 18 j 16:50	17°♌50'08	
	-5362 Sep 26 j 10:25	0°♍	
evening rise	-5362 Oct 02 j 00:30	8°♍47'21	
greatest brilliancy	-5362 Oct 14 j 15:14	28°♍28'50	-0.7m
	-5362 Oct 15 j 15:23	0°♎	
evening max el	-5362 Oct 25 j 01:28	12°♎29'18	19°18'15
retrograde	-5362 Nov 01 j 03:52	16°♎34'26	
asc. node	-5362 Nov 02 j 05:44	16°♎27'44	
evening set	-5362 Nov 04 j 09:32	15°♎33'32	
inferior conj	-5362 Nov 10 j 02:46	9°♎38'43	2°27'56
minimum elong	-5362 Nov 09 j 23:48	9°♎48'12	2°26'55
min. Earth dist.	-5362 Nov 11 j 09:55	7°♎59'36	0.65853 AU
morning rise	-5362 Nov 15 j 13:14	3°♎25'51	
direct	-5362 Nov 21 j 19:24	0°♎43'56	
morning max el	-5362 Dec 04 j 09:11	8°♎05'45	26°11'35
desc. node	-5362 Dec 15 j 17:10	21°♎38'57	
	-5362 Dec 21 j 14:33	0°♏	
	-5361 Jan 08 j 16:45	0°♐	
morning set	-5361 Jan 09 j 11:46	1°♐28'03	
max. Earth dist.	-5361 Jan 13 j 14:09	9°♐16'46	1.35476 AU
superior conj	-5361 Jan 18 j 12:04	19°♐04'59	-1°-31'-10
minimum elong	-5361 Jan 18 j 14:58	19°♐19'46	1°31'09
	-5361 Jan 23 j 19:06	0°♑	
evening rise	-5361 Jan 26 j 06:56	5°♑08'36	
asc. node	-5361 Jan 29 j 04:30	10°♑59'35	
	-5361 Feb 09 j 10:49	0°♒	
evening max el	-5361 Feb 13 j 20:54	4°♒59'51	20°29'24
retrograde	-5361 Feb 24 j 15:23	10°♒06'05	
evening set	-5361 Feb 27 j 01:07	9°♒51'53	
inferior conj	-5361 Mar 07 j 23:13	5°♒53'35	1°31'56
minimum elong	-5361 Mar 08 j 03:03	5°♒47'57	1°30'27
min. Earth dist.	-5361 Mar 09 j 12:01	4°♒59'40	0.55500 AU
desc. node	-5361 Mar 13 j 16:30	2°♒46'57	
morning rise	-5361 Mar 17 j 02:58	1°♒33'34	
direct	-5361 Mar 20 j 15:22	1°♒06'37	
morning max el	-5361 Apr 03 j 01:41	7°♒41'44	23°12'44
	-5361 Apr 18 j 22:47	0°♓	
morning set	-5361 Apr 26 j 02:47	14°♓07'33	
asc. node	-5361 Apr 27 j 04:15	16°♓21'13	
superior conj	-5361 May 03 j 07:15	29°♓26'11	0°59'11
minimum elong	-5361 May 03 j 04:55	29°♓13'44	0°58'46
	-5361 May 03 j 13:36	0°♈	
max. Earth dist.	-5361 May 05 j 16:23	4°♈28'43	1.33873 AU
evening rise	-5361 May 11 j 00:04	15°♈21'49	
	-5361 May 18 j 18:59	0°♉	
	-5361 Jun 07 j 19:11	0°♊	
desc. node	-5361 Jun 09 j 14:45	2°♊07'55	
evening max el	-5361 Jun 13 j 22:51	6°♊42'47	27°21'50
retrograde	-5361 Jun 27 j 12:17	14°♊08'30	
evening set	-5361 Jul 04 j 14:14	11°♊24'53	
min. Earth dist.	-5361 Jul 08 j 06:15	8°♊01'33	0.64130 AU
inferior conj	-5361 Jul 10 j 16:16	5°♊26'03	-3°-37'-2
minimum elong	-5361 Jul 10 j 19:34	5°♊17'10	3°36'08
morning rise	-5361 Jul 17 j 02:34	0°♊00'48	
	-5361 Jul 17 j 03:16	30°℞♉	
direct	-5361 Jul 19 j 19:22	29°♉23'27	
	-5361 Jul 22 j 11:22	0°♊	
asc. node	-5361 Jul 24 j 04:04	0°♊59'30	
morning max el	-5361 Jul 26 j 07:28	2°♊50'10	18°04'09
morning set	-5361 Aug 12 j 20:45	29°♊44'11	
	-5361 Aug 13 j 00:27	0°♋	
superior conj	-5361 Aug 26 j 00:03	21°♋41'49	1°03'12
minimum elong	-5361 Aug 26 j 06:02	22°♋06'07	1°02'49
max. Earth dist.	-5361 Aug 31 j 00:52	29°♋48'08	1.44142 AU
	-5361 Aug 31 j 03:50	0°♌	
desc. node	-5361 Sep 05 j 13:47	8°♌33'28	
evening rise	-5361 Sep 11 j 10:34	17°♌41'26	
	-5361 Sep 19 j 11:13	0°♍	
greatest brilliancy	-5361 Oct 01 j 10:32	17°♍33'14	-0.6m
evening max el	-5361 Oct 08 j 06:08	25°♍55'53	20°14'23
	-5361 Oct 13 j 15:45	0°♎	
retrograde	-5361 Oct 16 j 01:03	0°♎30'10	
	-5361 Oct 18 j 07:57	30°℞♍	
evening set	-5361 Oct 19 j 15:50	29°♍14'15	
asc. node	-5361 Oct 20 j 02:54	28°♍53'38	
inferior conj	-5361 Oct 25 j 04:22	23°♍07'56	1°39'49
minimum elong	-5361 Oct 25 j 02:11	23°♍15'14	1°39'01
min. Earth dist.	-5361 Oct 25 j 23:23	22°♍04'16	0.66664 AU
morning rise	-5361 Oct 30 j 11:59	16°♍50'45	
direct	-5361 Nov 05 j 03:21	14°♍24'38	
morning max el	-5361 Nov 16 j 18:15	21°♍19'08	24°55'43
	-5361 Nov 24 j 07:41	0°♎	
desc. node	-5361 Dec 02 j 14:04	11°♎11'41	
	-5361 Dec 14 j 20:21	0°♏	
morning set	-5361 Dec 22 j 19:37	13°♏33'45	
max. Earth dist.	-5361 Dec 26 j 14:51	20°♏26'11	1.37228 AU
	-5361 Dec 31 j 16:15	0°♐	
superior conj	-5360 Jan 02 j 00:23	2°♐36'22	-1°-45'-15
minimum elong	-5360 Jan 02 j 02:35	2°♐47'09	1°45'23
evening rise	-5360 Jan 10 j 09:30	19°♐20'09	
	-5360 Jan 15 j 21:20	0°♑	
asc. node	-5360 Jan 16 j 01:33	0°♑19'31	
evening max el	-5360 Jan 27 j 11:50	16°♑53'03	19°24'23
retrograde	-5360 Feb 05 j 15:38	21°♑13'59	
evening set	-5360 Feb 08 j 00:49	20°♑57'39	
inferior conj	-5360 Feb 16 j 07:42	16°♑49'30	3°00'27
minimum elong	-5360 Feb 16 j 12:50	16°♑41'00	2°58'57
min. Earth dist.	-5360 Feb 19 j 02:38	14°♑59'37	0.56602 AU
morning rise	-5360 Feb 24 j 21:16	12°♑00'30	
desc. node	-5360 Feb 28 j 13:38	11°♑11'54	
direct	-5360 Feb 29 j 14:50	11°♑09'20	
morning max el	-5360 Mar 14 j 16:58	18°♑18'51	24°50'40
	-5360 Mar 24 j 09:03	0°♒	
morning set	-5360 Apr 09 j 15:07	29°♒11'10	
	-5360 Apr 10 j 00:24	0°♓	
asc. node	-5360 Apr 13 j 01:10	6°♓28'45	
superior conj	-5360 Apr 16 j 16:32	14°♓22'24	0°36'45
minimum elong	-5360 Apr 16 j 14:58	14°♓13'58	0°36'21
max. Earth dist.	-5360 Apr 18 j 00:02	17°♓12'46	1.33123 AU
evening rise	-5360 Apr 24 j 00:17	29°♓51'40	
	-5360 Apr 24 j 01:55	0°♈	
	-5360 May 10 j 21:23	0°♉	
desc. node	-5360 May 26 j 11:57	19°♉39'21	
evening max el	-5360 May 26 j 07:13	19°♉28'04	27°21'02
retrograde	-5360 Jun 09 j 03:58	26°♉53'48	
evening set	-5360 Jun 16 j 05:37	24°♉27'38	
min. Earth dist.	-5360 Jun 19 j 19:59	21°♉31'38	0.62406 AU
inferior conj	-5360 Jun 22 j 19:22	18°♉40'57	-4°-2'-11
minimum elong	-5360 Jun 22 j 21:30	18°♉35'48	4°01'47
morning rise	-5360 Jun 29 j 15:51	13°♉35'20	
direct	-5360 Jul 02 j 05:27	13°♉05'28	
morning max el	-5360 Jul 08 j 21:58	16°♉29'10	17°57'40
asc. node	-5360 Jul 10 j 01:06	17°♉40'14	
	-5360 Jul 18 j 10:54	0°♊	
morning set	-5360 Jul 25 j 06:44	12°♊02'53	
	-5360 Aug 04 j 11:25	0°♋	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5360 Aug 05 j 14:19	1°♋54'51	1°32'25
minimum elong	-5360 Aug 05 j 19:11	2°♋15'35	1°32'21
max. Earth dist.	-5360 Aug 12 j 13:12	13°♋29'53	1.42917 AU
evening rise	-5360 Aug 20 j 13:53	26°♋18'35	
desc. node	-5360 Aug 22 j 10:45	29°♋13'10	
	-5360 Aug 22 j 22:51	0°♌	
	-5360 Sep 12 j 10:33	0°♍	
greatest brilliancy	-5360 Sep 14 j 23:58	3°♍19'59	-0.4m
evening max el	-5360 Sep 20 j 04:32	9°♍20'29	21°23'25
retrograde	-5360 Sep 28 j 21:37	14°♍30'25	
evening set	-5360 Oct 02 j 23:50	12°♍56'49	
asc. node	-5360 Oct 06 j 00:05	9°♍52'18	
inferior conj	-5360 Oct 08 j 09:17	6°♍42'39	0°48'17
minimum elong	-5360 Oct 08 j 08:11	6°♍46'26	0°47'58
min. Earth dist.	-5360 Oct 08 j 17:28	6°♍14'29	0.67160 AU
morning rise	-5360 Oct 13 j 16:12	0°♍24'13	
	-5360 Oct 14 j 04:08	30°℞♌	
direct	-5360 Oct 18 j 16:17	28°♌18'05	
	-5360 Oct 23 j 17:00	0°♍	
morning max el	-5360 Oct 29 j 03:37	4°♍33'57	23°30'43
	-5360 Nov 17 j 16:06	0°♎	
desc. node	-5360 Nov 18 j 10:57	1°♎09'57	
morning set	-5360 Dec 03 j 02:59	24°♎23'51	
	-5360 Dec 06 j 09:46	0°♏	
max. Earth dist.	-5360 Dec 07 j 10:42	1°♏48'27	1.39240 AU
superior conj	-5360 Dec 14 j 22:53	15°♏22'26	-1°-51'-52
minimum elong	-5360 Dec 14 j 23:14	15°♏24'05	1°52'05
	-5360 Dec 22 j 14:37	0°♐	
evening rise	-5360 Dec 24 j 04:31	3°♐03'42	
asc. node	-5359 Jan 01 j 22:38	19°♐10'17	
evening max el	-5359 Jan 09 j 12:15	29°♐19'39	18°39'05
	-5359 Jan 10 j 05:48	0°♑	
retrograde	-5359 Jan 17 j 09:13	3°♑08'48	
evening set	-5359 Jan 19 j 20:23	2°♑47'42	
	-5359 Jan 25 j 05:52	30°℞♐	
inferior conj	-5359 Jan 27 j 11:26	28°♐20'57	3°50'56
minimum elong	-5359 Jan 27 j 14:26	28°♐15'13	3°50'15
min. Earth dist.	-5359 Jan 30 j 19:28	25°♐49'04	0.58305 AU
morning rise	-5359 Feb 04 j 04:55	23°♐05'43	
direct	-5359 Feb 10 j 03:38	21°♐37'38	
desc. node	-5359 Feb 14 j 10:43	22°♐22'41	
morning max el	-5359 Feb 24 j 09:14	29°♐05'21	26°16'13
	-5359 Feb 25 j 07:18	0°♑	
	-5359 Mar 17 j 22:27	0°♒	
morning set	-5359 Mar 25 j 02:42	14°♒13'00	
asc. node	-5359 Mar 30 j 22:06	26°♒42'05	
superior conj	-5359 Apr 01 j 03:53	29°♒24'53	0°12'49
minimum elong	-5359 Apr 01 j 03:20	29°♒21'51	0°12'31
behind sun begin	-5359 Apr 01 j 00:17	29°♒05'09	
behind sun end	-5359 Apr 01 j 06:23	29°♒38'33	
	-5359 Apr 01 j 10:19	0°♓	
max. Earth dist.	-5359 Apr 01 j 12:25	0°♓11'29	1.32714 AU
evening rise	-5359 Apr 08 j 06:26	14°♓39'34	
	-5359 Apr 16 j 02:53	0°♈	
	-5359 May 06 j 19:59	0°♉	
evening max el	-5359 May 08 j 11:00	1°♉37'12	26°47'31
desc. node	-5359 May 13 j 09:08	5°♉40'57	
retrograde	-5359 May 22 j 12:21	8°♉59'19	
evening set	-5359 May 29 j 03:01	7°♉04'13	
min. Earth dist.	-5359 Jun 02 j 00:29	4°♉21'01	0.60432 AU
inferior conj	-5359 Jun 05 j 08:33	1°♉33'25	-4°-9'-50
minimum elong	-5359 Jun 05 j 08:18	1°♉33'57	4°09'42
	-5359 Jun 07 j 06:07	30°℞♈	
morning rise	-5359 Jun 12 j 16:54	26°♈49'03	
direct	-5359 Jun 15 j 04:42	26°♈24'59	
	-5359 Jun 22 j 11:36	0°♉	
morning max el	-5359 Jun 22 j 10:05	29°♈56'21	18°10'11
asc. node	-5359 Jun 26 j 22:05	5°♉21'47	
morning set	-5359 Jul 08 j 09:41	25°♉12'17	
	-5359 Jul 10 j 23:12	0°♊	
superior conj	-5359 Jul 18 j 07:22	13°♊28'14	1°46'52
minimum elong	-5359 Jul 18 j 09:20	13°♊37'05	1°47'06
max. Earth dist.	-5359 Jul 25 j 19:52	26°♊33'41	1.41238 AU
	-5359 Jul 27 j 21:08	0°♋	
evening rise	-5359 Jul 31 j 07:21	5°♋37'14	
desc. node	-5359 Aug 09 j 07:44	19°♋45'59	
	-5359 Aug 16 j 05:07	0°♌	
greatest brilliancy	-5359 Aug 29 j 01:20	17°♌20'53	-0.3m
evening max el	-5359 Sep 02 j 20:56	22°♌44'44	22°41'18
retrograde	-5359 Sep 12 j 16:01	28°♌33'17	
evening set	-5359 Sep 17 j 07:41	26°♌40'01	
inferior conj	-5359 Sep 22 j 15:41	20°♌21'27	0°-4'-43
minimum elong	-5359 Sep 22 j 15:47	20°♌21'06	0°04'28
transit middle	-5359 Sep 22 j 15:47	20°♌21'06	0°04'28
transit begin	-5359 Sep 22 j 13:11	20°♌30'04	
transit end	-5359 Sep 22 j 18:23	20°♌12'08	
min. Earth dist.	-5359 Sep 22 j 13:39	20°♌28'29	0.67364 AU
asc. node	-5359 Sep 22 j 21:15	20°♌02'14	
morning rise	-5359 Sep 27 j 23:48	14°♌05'06	
direct	-5359 Oct 02 j 09:27	12°♌20'04	
morning max el	-5359 Oct 11 j 16:15	17°♌51'55	22°05'40
greatest brilliancy	-5359 Oct 16 j 12:04	23°♌21'30	-0.4m
	-5359 Oct 21 j 14:18	0°♍	
desc. node	-5359 Nov 05 j 07:48	21°♍26'16	
	-5359 Nov 10 j 19:58	0°♎	
morning set	-5359 Nov 13 j 05:52	3°♎50'31	
max. Earth dist.	-5359 Nov 19 j 09:46	13°♎56'02	1.41262 AU
superior conj	-5359 Nov 27 j 02:21	27°♎09'34	-1°-47'-47
minimum elong	-5359 Nov 26 j 23:39	26°♎57'40	1°47'49
	-5359 Nov 28 j 16:41	0°♏	
evening rise	-5359 Dec 07 j 12:51	16°♏11'48	
	-5359 Dec 15 j 03:36	0°♐	
asc. node	-5359 Dec 19 j 19:46	7°♐22'14	
evening max el	-5359 Dec 23 j 19:42	12°♐11'36	18°13'52
retrograde	-5359 Dec 30 j 20:38	15°♐44'07	
evening set	-5358 Jan 02 j 09:59	15°♐16'58	
inferior conj	-5358 Jan 09 j 11:05	10°♐28'03	4°06'55
minimum elong	-5358 Jan 09 j 11:05	10°♐28'02	4°06'38
min. Earth dist.	-5358 Jan 12 j 17:07	7°♐36'28	0.60271 AU
morning rise	-5358 Jan 16 j 09:24	4°♐53'19	
direct	-5358 Jan 23 j 03:42	2°♐47'10	
desc. node	-5358 Feb 01 j 07:47	6°♐12'33	
morning max el	-5358 Feb 06 j 06:49	10°♐23'11	27°15'35
	-5358 Feb 21 j 12:43	0°♑	
morning set	-5358 Mar 09 j 11:41	29°♑05'20	
	-5358 Mar 09 j 22:13	0°♒	
max. Earth dist.	-5358 Mar 16 j 01:55	13°♒11'32	1.32641 AU
superior conj	-5358 Mar 16 j 15:35	14°♒26'14	0°-11'-48
minimum elong	-5358 Mar 16 j 16:07	14°♒29'09	0°11'58
behind sun begin	-5358 Mar 16 j 12:49	14°♒11'08	
behind sun end	-5358 Mar 16 j 19:25	14°♒47'10	
asc. node	-5358 Mar 17 j 19:02	16°♒56'18	
evening rise	-5358 Mar 23 j 16:11	29°♒36'09	
	-5358 Mar 23 j 20:44	0°♓	
	-5358 Apr 09 j 14:39	0°♈	
evening max el	-5358 Apr 20 j 08:46	13°♈05'01	25°43'34
desc. node	-5358 Apr 30 j 06:21	19°♈37'13	
retrograde	-5358 May 04 j 11:07	20°♈19'08	
evening set	-5358 May 10 j 03:22	19°♈01'58	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

min. Earth dist.	-5358 May 14 j 21:25	16°♈15'14	0.58418 AU
inferior conj	-5358 May 18 j 04:08	13°♈52'47	-3°-51'-24
minimum elong	-5358 May 18 j 00:41	13°♈59'04	3°50'56
morning rise	-5358 May 26 j 02:02	9°♈29'44	
direct	-5358 May 28 j 12:46	9°♈10'19	
morning max el	-5358 Jun 05 j 16:51	13°♈01'58	18°42'36
asc. node	-5358 Jun 13 j 19:03	23°♈49'33	
	-5358 Jun 17 j 07:19	0°♉	
morning set	-5358 Jun 22 j 00:59	9°♉00'12	
superior conj	-5358 Jun 30 j 22:04	26°♉07'38	1°49'11
minimum elong	-5358 Jun 30 j 21:30	26°♉04'58	1°49'24
	-5358 Jul 02 j 23:49	0°♊	
max. Earth dist.	-5358 Jul 07 j 22:18	8°♊56'18	1.39326 AU
evening rise	-5358 Jul 12 j 02:22	16°♊10'08	
	-5358 Jul 20 j 13:28	0°♋	
desc. node	-5358 Jul 27 j 04:47	10°♋07'26	
	-5358 Aug 10 j 19:41	0°♌	
evening max el	-5358 Aug 16 j 09:07	6°♌10'43	24°02'20
retrograde	-5358 Aug 27 j 07:03	12°♌36'16	
evening set	-5358 Sep 01 j 13:38	10°♌22'47	
inferior conj	-5358 Sep 06 j 21:52	4°♌03'05	0°-57'-30
minimum elong	-5358 Sep 06 j 23:10	3°♌58'39	0°56'41
min. Earth dist.	-5358 Sep 06 j 09:26	4°♌45'16	0.67271 AU
asc. node	-5358 Sep 09 j 18:24	0°♌22'28	
	-5358 Sep 10 j 02:18	30°℞♋	
morning rise	-5358 Sep 12 j 08:52	27°♋52'11	
direct	-5358 Sep 16 j 05:41	26°♋27'06	
	-5358 Sep 23 j 03:14	0°♌	
morning max el	-5358 Sep 24 j 11:08	1°♌17'29	20°47'49
greatest brilliancy	-5358 Sep 30 j 10:52	8°♌24'45	-0.5m
	-5358 Oct 15 j 10:09	0°♍	
morning set	-5358 Oct 23 j 09:54	12°♍15'47	
desc. node	-5358 Oct 23 j 04:39	11°♍55'19	
max. Earth dist.	-5358 Nov 01 j 16:25	26°♍58'35	1.42999 AU
	-5358 Nov 03 j 13:00	0°♎	
superior conj	-5358 Nov 08 j 05:02	7°♎43'53	-1°-29'-32
minimum elong	-5358 Nov 07 j 23:13	7°♎19'30	1°29'04
evening rise	-5358 Nov 20 j 06:35	28°♎36'37	
	-5358 Nov 21 j 01:25	0°♏	
asc. node	-5358 Dec 06 j 16:56	24°♏43'38	
evening max el	-5358 Dec 07 j 07:15	25°♏20'52	18°08'19
retrograde	-5358 Dec 13 j 22:25	28°♏49'55	
evening set	-5358 Dec 16 j 14:17	28°♏15'44	
inferior conj	-5358 Dec 23 j 03:48	23°♏04'59	3°57'34
minimum elong	-5358 Dec 23 j 01:38	23°♏10'26	3°57'06
min. Earth dist.	-5358 Dec 25 j 22:55	20°♏16'18	0.62192 AU
morning rise	-5358 Dec 29 j 10:58	17°♏15'29	
direct	-5357 Jan 05 j 12:40	14°♏41'10	
desc. node	-5357 Jan 19 j 04:48	22°♏07'11	
morning max el	-5357 Jan 19 j 10:45	22°♏21'38	27°40'31
	-5357 Jan 26 j 06:06	0°♐	
	-5357 Feb 14 j 14:18	0°♑	
morning set	-5357 Feb 21 j 16:01	13°♑40'53	
max. Earth dist.	-5357 Feb 27 j 12:41	25°♑59'02	1.32914 AU
superior conj	-5357 Mar 01 j 02:00	29°♑20'39	0°-36'-16
minimum elong	-5357 Mar 01 j 03:35	29°♑29'13	0°36'16
	-5357 Mar 01 j 09:16	0°♒	
asc. node	-5357 Mar 04 j 16:01	7°♒07'28	
evening rise	-5357 Mar 08 j 03:37	14°♒34'22	
	-5357 Mar 15 j 23:14	0°♓	
evening max el	-5357 Apr 02 j 01:41	23°♓59'44	24°17'53
	-5357 Apr 10 j 22:13	0°♈	
retrograde	-5357 Apr 15 j 22:11	0°♈57'03	
desc. node	-5357 Apr 17 j 03:34	0°♈53'38	
evening set	-5357 Apr 20 j 08:12	0°♈13'24	
	-5357 Apr 20 j 23:48	30°℞♓	
min. Earth dist.	-5357 Apr 26 j 13:41	27°♓09'11	0.56670 AU
inferior conj	-5357 Apr 29 j 03:41	25°♓31'22	-2°-57'-40
minimum elong	-5357 Apr 28 j 22:13	25°♓40'03	2°56'25
morning rise	-5357 May 07 j 16:15	21°♓26'12	
direct	-5357 May 10 j 02:22	21°♓10'21	
morning max el	-5357 May 19 j 15:33	25°♓36'57	19°35'20
	-5357 May 23 j 13:59	0°♈	
asc. node	-5357 May 31 j 15:59	12°♈52'30	
morning set	-5357 Jun 06 j 01:06	23°♈17'20	
	-5357 Jun 09 j 09:10	0°♉	
superior conj	-5357 Jun 14 j 04:47	9°♉37'20	1°42'23
minimum elong	-5357 Jun 14 j 02:40	9°♉26'54	1°42'24
max. Earth dist.	-5357 Jun 20 j 00:31	20°♉47'57	1.37434 AU
evening rise	-5357 Jun 23 j 22:58	27°♉59'12	
	-5357 Jun 25 j 02:11	0°♊	
	-5357 Jul 13 j 22:38	0°♋	
desc. node	-5357 Jul 14 j 01:54	0°♋11'34	
evening max el	-5357 Jul 29 j 19:33	19°♋39'01	25°19'15
retrograde	-5357 Aug 10 j 18:02	26°♋34'49	
evening set	-5357 Aug 16 j 15:49	24°♋03'13	
min. Earth dist.	-5357 Aug 21 j 02:25	19°♋02'41	0.66858 AU
inferior conj	-5357 Aug 22 j 02:03	17°♋45'27	-1°-48'-25
minimum elong	-5357 Aug 22 j 04:27	17°♋37'37	1°47'13
morning rise	-5357 Aug 27 j 17:34	11°♋43'14	
asc. node	-5357 Aug 27 j 15:32	11°♋46'39	
direct	-5357 Aug 31 j 03:36	10°♋35'32	
morning max el	-5357 Sep 07 j 13:14	14°♋51'41	19°41'51
greatest brilliancy	-5357 Sep 15 j 22:43	25°♋33'19	-0.6m
	-5357 Sep 18 j 23:35	0°♌	
morning set	-5357 Oct 02 j 10:23	20°♌37'19	
	-5357 Oct 08 j 10:38	0°♍	
desc. node	-5357 Oct 10 j 01:31	2°♍32'32	
max. Earth dist.	-5357 Oct 15 j 05:37	10°♍42'34	1.44212 AU
superior conj	-5357 Oct 19 j 03:58	16°♍59'30	0°-55'-9
minimum elong	-5357 Oct 18 j 22:00	16°♍35'30	0°54'21
	-5357 Oct 27 j 03:29	0°♎	
evening rise	-5357 Nov 02 j 05:02	10°♎07'50	
	-5357 Nov 14 j 06:02	0°♏	
evening max el	-5357 Nov 20 j 20:01	8°♏39'59	18°21'38
asc. node	-5357 Nov 23 j 14:08	10°♏59'31	
retrograde	-5357 Nov 27 j 10:00	12°♏16'18	
evening set	-5357 Nov 30 j 05:37	11°♏33'38	
inferior conj	-5357 Dec 06 j 09:46	6°♏03'24	3°31'03
minimum elong	-5357 Dec 06 j 06:36	6°♏12'19	3°30'15
min. Earth dist.	-5357 Dec 08 j 14:47	3°♏34'29	0.63874 AU
morning rise	-5357 Dec 12 j 06:06	0°♏02'28	
	-5357 Dec 12 j 07:20	30°℞♎	
direct	-5357 Dec 19 j 05:09	27°♎14'21	
	-5357 Dec 26 j 21:36	0°♏	
morning max el	-5356 Jan 01 j 19:02	4°♏55'23	27°29'41
desc. node	-5356 Jan 06 j 01:47	9°♏31'35	
	-5356 Jan 20 j 21:21	0°♐	
morning set	-5356 Feb 05 j 13:06	27°♐50'22	
	-5356 Feb 06 j 15:08	0°♑	
max. Earth dist.	-5356 Feb 10 j 16:40	8°♑19'51	1.33562 AU
superior conj	-5356 Feb 13 j 09:20	14°♑01'27	0°-59'-38
minimum elong	-5356 Feb 13 j 11:46	14°♑14'26	0°59'32
asc. node	-5356 Feb 19 j 13:04	27°♑11'00	
evening rise	-5356 Feb 20 j 14:56	29°♑27'16	
	-5356 Feb 20 j 21:12	0°♒	
	-5356 Mar 09 j 10:24	0°♓	
evening max el	-5356 Mar 13 j 18:40	4°♓44'27	22°43'58

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

retrograde	-5356 Mar 26 j 21:12	11°♓08'52	
evening set	-5356 Mar 30 j 02:40	10°♓46'01	
desc. node	-5356 Apr 03 j 00:44	9°♓23'24	
min. Earth dist.	-5356 Apr 07 j 04:20	7°♓12'09	0.55519 AU
inferior conj	-5356 Apr 08 j 09:03	6°♓30'50	-1°-26'-7
minimum elong	-5356 Apr 08 j 05:19	6°♓36'13	1°25'05
morning rise	-5356 Apr 17 j 10:25	2°♓33'00	
direct	-5356 Apr 19 j 22:33	2°♓18'17	
morning max el	-5356 May 01 j 04:06	7°♓33'52	20°47'46
	-5356 May 16 j 07:48	0°♈	
asc. node	-5356 May 17 j 12:56	2°♈22'13	
morning set	-5356 May 20 j 07:19	7°♈56'24	
superior conj	-5356 May 27 j 22:56	23°♈44'18	1°29'01
minimum elong	-5356 May 27 j 20:13	23°♈30'22	1°28'49
	-5356 May 31 j 01:21	0°♉	
max. Earth dist.	-5356 Jun 01 j 08:33	2°♉34'24	1.35774 AU
evening rise	-5356 Jun 05 j 16:21	10°♉52'29	
	-5356 Jun 16 j 14:48	0°♊	
desc. node	-5356 Jun 29 j 23:02	19°♊50'39	
	-5356 Jul 08 j 05:53	0°♋	
evening max el	-5356 Jul 11 j 06:15	3°♋07'53	26°23'54
retrograde	-5356 Jul 24 j 00:26	10°♋23'26	
evening set	-5356 Jul 30 j 12:06	7°♋39'23	
min. Earth dist.	-5356 Aug 03 j 14:19	3°♋17'38	0.66095 AU
inferior conj	-5356 Aug 05 j 02:24	1°♋26'32	-2°-35'-40
minimum elong	-5356 Aug 05 j 05:36	1°♋16'41	2°34'21
	-5356 Aug 06 j 06:52	30°℞♊	
morning rise	-5356 Aug 10 j 23:58	25°♊36'07	
asc. node	-5356 Aug 13 j 12:36	24°♊44'14	
direct	-5356 Aug 14 j 01:29	24°♊42'36	
morning max el	-5356 Aug 20 j 21:39	28°♊33'04	18°50'42
	-5356 Aug 22 j 05:43	0°♋	
morning set	-5356 Sep 11 j 04:38	29°♋53'42	
	-5356 Sep 11 j 06:13	0°♌	
desc. node	-5356 Sep 25 j 22:27	23°♌14'49	
superior conj	-5356 Sep 27 j 06:30	25°♌21'10	0°-8'-22
minimum elong	-5356 Sep 27 j 05:26	25°♌16'56	0°08'03
behind sun begin	-5356 Sep 26 j 19:22	24°♌37'18	
behind sun end	-5356 Sep 27 j 15:29	25°♌56'34	
max. Earth dist.	-5356 Sep 26 j 22:30	24°♌49'36	1.44755 AU
	-5356 Sep 30 j 05:11	0°♍	
evening rise	-5356 Oct 13 j 03:40	20°♍36'13	
	-5356 Oct 18 j 23:49	0°♎	
evening max el	-5356 Nov 03 j 07:29	22°♎04'55	18°52'47
asc. node	-5356 Nov 09 j 11:18	25°♎54'42	
retrograde	-5356 Nov 10 j 03:32	25°♎57'17	
evening set	-5356 Nov 13 j 04:50	25°♎03'57	
inferior conj	-5356 Nov 19 j 01:34	19°♎17'19	2°53'14
minimum elong	-5356 Nov 18 j 22:19	19°♎27'15	2°52'13
min. Earth dist.	-5356 Nov 20 j 16:26	17°♎18'17	0.65233 AU
morning rise	-5356 Nov 24 j 14:45	13°♎07'51	
direct	-5356 Dec 01 j 04:22	10°♎20'06	
morning max el	-5356 Dec 14 j 04:49	17°♎53'01	26°47'13
desc. node	-5356 Dec 22 j 22:45	27°♎59'49	
	-5356 Dec 24 j 11:20	0°♏	
	-5355 Jan 12 j 18:47	0°♐	
morning set	-5355 Jan 18 j 23:30	11°♐22'49	
max. Earth dist.	-5355 Jan 23 j 10:12	20°♐05'01	1.34642 AU
superior conj	-5355 Jan 27 j 11:29	28°♐22'00	-1°-20'-42
minimum elong	-5355 Jan 27 j 14:24	28°♐37'05	1°20'37
	-5355 Jan 28 j 06:20	0°♑	
evening rise	-5355 Feb 04 j 00:24	14°♑08'45	
asc. node	-5355 Feb 05 j 10:07	17°♑02'03	
	-5355 Feb 12 j 04:54	0°♒	
evening max el	-5355 Feb 23 j 17:53	15°♒45'29	21°14'50
retrograde	-5355 Mar 07 j 11:35	21°♒21'15	
evening set	-5355 Mar 10 j 00:32	21°♒06'26	
inferior conj	-5355 Mar 19 j 04:58	17°♒07'23	0°28'01
minimum elong	-5355 Mar 19 j 06:14	17°♒05'34	0°27'22
min. Earth dist.	-5355 Mar 19 j 18:46	16°♒47'47	0.55232 AU
desc. node	-5355 Mar 20 j 21:55	16°♒09'37	
morning rise	-5355 Mar 28 j 11:19	12°♒59'43	
direct	-5355 Mar 31 j 11:01	12°♒40'08	
morning max el	-5355 Apr 13 j 05:48	18°♒49'21	22°16'46
	-5355 Apr 22 j 06:53	0°♓	
asc. node	-5355 May 04 j 09:53	22°♓11'04	
morning set	-5355 May 04 j 17:22	22°♓49'54	
	-5355 May 08 j 03:08	0°♈	
superior conj	-5355 May 12 j 00:57	8°♈16'51	1°11'03
minimum elong	-5355 May 11 j 22:20	8°♈03'01	1°10'41
max. Earth dist.	-5355 May 15 j 02:22	14°♈39'12	1.34460 AU
evening rise	-5355 May 20 j 01:03	24°♈33'45	
	-5355 May 22 j 21:22	0°♉	
	-5355 Jun 10 j 03:06	0°♊	
desc. node	-5355 Jun 16 j 20:11	8°♊53'15	
evening max el	-5355 Jun 23 j 17:30	16°♊29'30	27°08'20
retrograde	-5355 Jul 07 j 01:37	23°♊53'54	
evening set	-5355 Jul 13 j 23:47	21°♊06'50	
min. Earth dist.	-5355 Jul 17 j 18:56	17°♊23'08	0.64957 AU
inferior conj	-5355 Jul 19 j 20:39	15°♊01'53	-3°-17'-3
minimum elong	-5355 Jul 20 j 00:09	14°♊51'57	3°15'56
morning rise	-5355 Jul 26 j 01:51	9°♊26'20	
direct	-5355 Jul 28 j 21:10	8°♊43'53	
asc. node	-5355 Jul 31 j 09:39	9°♊17'42	
morning max el	-5355 Aug 04 j 10:19	12°♊17'01	18°16'01
	-5355 Aug 16 j 18:34	0°♋	
morning set	-5355 Aug 23 j 01:33	10°♋26'39	
	-5355 Sep 04 j 00:16	0°♌	
superior conj	-5355 Sep 06 j 08:43	3°♌46'00	0°39'44
minimum elong	-5355 Sep 06 j 13:20	4°♌04'28	0°39'25
max. Earth dist.	-5355 Sep 09 j 15:56	9°♌00'48	1.44571 AU
desc. node	-5355 Sep 12 j 19:23	13°♌58'30	
evening rise	-5355 Sep 23 j 01:04	29°♌59'07	
	-5355 Sep 23 j 01:18	0°♍	
greatest brilliancy	-5355 Oct 09 j 07:19	24°♍50'02	-0.7m
	-5355 Oct 13 j 00:19	0°♎	
evening max el	-5355 Oct 17 j 15:15	5°♎31'57	19°40'27
retrograde	-5355 Oct 24 j 23:59	9°♎48'31	
asc. node	-5355 Oct 27 j 08:27	9°♎16'19	
evening set	-5355 Oct 28 j 09:13	8°♎41'43	
inferior conj	-5355 Nov 03 j 00:16	2°♎41'52	2°08'04
minimum elong	-5355 Nov 02 j 21:35	2°♎50'36	2°07'06
min. Earth dist.	-5355 Nov 04 j 02:11	1°♎17'26	0.66240 AU
	-5355 Nov 05 j 02:31	30°℞♍	
morning rise	-5355 Nov 08 j 09:14	26°♍26'47	
direct	-5355 Nov 14 j 09:25	23°♍50'28	
	-5355 Nov 25 j 12:29	0°♎	
morning max el	-5355 Nov 26 j 14:02	1°♎02'26	25°40'57
desc. node	-5355 Dec 09 j 19:42	17°♎13'16	
	-5355 Dec 18 j 11:52	0°♏	
morning set	-5354 Jan 01 j 18:40	24°♏04'58	
	-5354 Jan 04 j 23:08	0°♐	
max. Earth dist.	-5354 Jan 05 j 16:05	1°♐20'22	1.36171 AU
superior conj	-5354 Jan 11 j 05:52	12°♐14'40	-1°-37'-54
minimum elong	-5354 Jan 11 j 08:35	12°♐28'21	1°37'57
evening rise	-5354 Jan 19 j 06:07	28°♐33'22	
	-5354 Jan 19 j 23:14	0°♑	
asc. node	-5354 Jan 23 j 07:10	6°♑35'26	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening max el	-5354 Feb 06 j 02:59	27°♉19'07	19°59'32
	-5354 Feb 09 j 12:35	0°♒	
retrograde	-5354 Feb 16 j 04:16	2°♒04'11	
evening set	-5354 Feb 18 j 13:15	1°♒49'29	
	-5354 Feb 23 j 10:24	30°℞♉	
inferior conj	-5354 Feb 27 j 05:18	27°♉48'59	2°13'47
minimum elong	-5354 Feb 27 j 10:14	27°♉41'25	2°12'04
min. Earth dist.	-5354 Mar 01 j 09:05	26°♉30'01	0.55873 AU
desc. node	-5354 Mar 07 j 19:03	23°♉23'59	
morning rise	-5354 Mar 08 j 04:15	23°♉17'02	
direct	-5354 Mar 12 j 04:35	22°♉41'24	
morning max el	-5354 Mar 25 j 23:09	29°♉33'31	23°54'52
	-5354 Mar 26 j 10:06	0°♒	
	-5354 Apr 15 j 08:48	0°♓	
morning set	-5354 Apr 19 j 05:23	7°♓51'44	
asc. node	-5354 Apr 21 j 06:50	12°♓13'23	
superior conj	-5354 Apr 26 j 08:13	23°♓06'34	0°49'56
minimum elong	-5354 Apr 26 j 06:10	22°♓55'35	0°49'30
max. Earth dist.	-5354 Apr 28 j 05:52	27°♓10'51	1.33514 AU
	-5354 Apr 29 j 13:49	0°♈	
evening rise	-5354 May 03 j 20:38	8°♈49'28	
	-5354 May 15 j 07:46	0°♉	
desc. node	-5354 Jun 03 j 17:19	27°♉03'58	
evening max el	-5354 Jun 06 j 03:51	29°♉32'35	27°25'28
	-5354 Jun 06 j 15:24	0°♊	
retrograde	-5354 Jun 19 j 20:49	6°♊58'09	
evening set	-5354 Jun 26 j 23:39	4°♊20'35	
min. Earth dist.	-5354 Jun 30 j 14:24	1°♊09'58	0.63441 AU
	-5354 Jul 01 j 18:02	30°℞♉	
inferior conj	-5354 Jul 03 j 06:13	28°♉26'31	-3°-49'-26
minimum elong	-5354 Jul 03 j 09:10	28°♉18'55	3°48'44
morning rise	-5354 Jul 09 j 20:37	23°♉08'57	
direct	-5354 Jul 12 j 11:53	22°♉34'57	
asc. node	-5354 Jul 18 j 06:42	25°♉16'23	
morning max el	-5354 Jul 19 j 00:51	25°♉59'16	17°59'01
	-5354 Jul 22 j 10:30	0°♊	
morning set	-5354 Aug 04 j 23:30	22°♊11'05	
	-5354 Aug 09 j 11:40	0°♋	
superior conj	-5354 Aug 17 j 07:05	13°♋11'34	1°17'29
minimum elong	-5354 Aug 17 j 13:01	13°♋36'07	1°17'12
max. Earth dist.	-5354 Aug 23 j 07:22	23°♋00'03	1.43699 AU
	-5354 Aug 27 j 16:49	0°♌	
desc. node	-5354 Aug 30 j 16:18	4°♌40'30	
evening rise	-5354 Sep 02 j 05:45	8°♌39'21	
	-5354 Sep 16 j 08:28	0°♍	
greatest brilliancy	-5354 Sep 24 j 17:50	11°♍49'13	-0.5m
evening max el	-5354 Sep 30 j 17:26	18°♍58'05	20°42'27
retrograde	-5354 Oct 08 j 20:59	23°♍46'19	
evening set	-5354 Oct 12 j 16:27	22°♍23'06	
asc. node	-5354 Oct 14 j 05:38	21°♍02'05	
inferior conj	-5354 Oct 18 j 03:30	16°♍13'16	1°18'13
minimum elong	-5354 Oct 18 j 01:45	16°♍19'11	1°17'37
min. Earth dist.	-5354 Oct 18 j 17:48	15°♍24'45	0.66917 AU
morning rise	-5354 Oct 23 j 10:36	9°♍55'24	
direct	-5354 Oct 28 j 19:32	7°♍37'25	
morning max el	-5354 Nov 08 j 22:46	14°♍15'47	24°20'05
	-5354 Nov 21 j 18:54	0°♎	
desc. node	-5354 Nov 26 j 16:35	6°♎57'55	
	-5354 Dec 11 j 09:09	0°♏	
morning set	-5354 Dec 14 j 16:46	5°♏39'42	
max. Earth dist.	-5354 Dec 18 j 13:55	12°♏31'23	1.38068 AU
superior conj	-5354 Dec 25 j 12:52	25°♏28'22	-1°-49'-9
minimum elong	-5354 Dec 25 j 14:26	25°♏35'55	1°49'21
	-5354 Dec 27 j 21:00	0°♐	

evening rise	-5353 Jan 03 j 05:48	12°♐33'46	
asc. node	-5353 Jan 10 j 04:15	25°♐43'53	
	-5353 Jan 12 j 16:38	0°♑	
evening max el	-5353 Jan 19 j 22:12	9°♑27'00	19°02'38
retrograde	-5353 Jan 28 j 11:22	13°♑32'23	
evening set	-5353 Jan 30 j 21:30	13°♑14'05	
inferior conj	-5353 Feb 07 j 21:28	8°♑58'29	3°26'33
minimum elong	-5353 Feb 08 j 01:58	8°♑50'34	3°25'24
min. Earth dist.	-5353 Feb 11 j 00:00	6°♑48'43	0.57276 AU
morning rise	-5353 Feb 16 j 02:49	3°♑57'58	
direct	-5353 Feb 21 j 09:36	2°♑52'14	
desc. node	-5353 Feb 22 j 16:11	2°♑56'06	
morning max el	-5353 Mar 07 j 13:58	10°♑10'12	25°29'30
	-5353 Mar 22 j 14:21	0°♒	
morning set	-5353 Apr 03 j 17:35	22°♒54'59	
	-5353 Apr 07 j 01:17	0°♓	
asc. node	-5353 Apr 08 j 03:46	2°♓23'34	
superior conj	-5353 Apr 10 j 18:34	8°♓05'33	0°26'44
minimum elong	-5353 Apr 10 j 17:25	7°♓59'17	0°26'22
max. Earth dist.	-5353 Apr 11 j 16:10	10°♓03'03	1.32913 AU
evening rise	-5353 Apr 17 j 23:42	23°♓27'39	
	-5353 Apr 21 j 05:49	0°♈	
	-5353 May 09 j 04:48	0°♉	
evening max el	-5353 May 19 j 10:39	12°♉03'36	27°10'46
desc. node	-5353 May 21 j 14:30	14°♉00'46	
retrograde	-5353 Jun 02 j 09:16	19°♉27'17	
evening set	-5353 Jun 09 j 07:50	17°♉12'57	
min. Earth dist.	-5353 Jun 12 j 23:55	14°♉24'33	0.61592 AU
inferior conj	-5353 Jun 16 j 03:51	11°♉32'53	-4°-8'-4
minimum elong	-5353 Jun 16 j 05:07	11°♉29'58	4°07'48
morning rise	-5353 Jun 23 j 05:09	6°♉36'05	
direct	-5353 Jun 25 j 18:00	6°♉08'40	
morning max el	-5353 Jul 02 j 14:39	9°♉33'55	18°00'39
asc. node	-5353 Jul 05 j 03:43	12°♉24'36	
	-5353 Jul 16 j 00:55	0°♊	
morning set	-5353 Jul 18 j 17:23	4°♊53'19	
superior conj	-5353 Jul 29 j 09:15	24°♊00'17	1°40'15
minimum elong	-5353 Jul 29 j 12:56	24°♊16'21	1°40'19
	-5353 Aug 01 j 20:59	0°♋	
max. Earth dist.	-5353 Aug 05 j 18:04	6°♋29'47	1.42251 AU
evening rise	-5353 Aug 12 j 12:58	17°♋28'26	
desc. node	-5353 Aug 17 j 13:15	25°♋17'53	
	-5353 Aug 20 j 15:12	0°♌	
greatest brilliancy	-5353 Sep 08 j 17:20	26°♌53'13	-0.4m
	-5353 Sep 11 j 08:15	0°♍	
evening max el	-5353 Sep 13 j 13:11	2°♍22'38	21°55'42
retrograde	-5353 Sep 22 j 16:48	7°♍48'35	
evening set	-5353 Sep 27 j 00:38	6°♍06'31	
asc. node	-5353 Oct 01 j 02:47	1°♍34'08	
inferior conj	-5353 Oct 02 j 09:16	29°♌50'00	0°25'51
minimum elong	-5353 Oct 02 j 08:40	29°♌52'04	0°25'47
	-5353 Oct 02 j 06:22	30°℞♌	
min. Earth dist.	-5353 Oct 02 j 12:59	29°♌37'09	0.67286 AU
morning rise	-5353 Oct 07 j 16:30	23°♌32'18	
direct	-5353 Oct 12 j 10:15	21°♌35'23	
morning max el	-5353 Oct 22 j 09:17	27°♌32'18	22°54'07
	-5353 Oct 24 j 16:22	0°♍	
greatest brilliancy	-5353 Oct 27 j 05:53	3°♍00'31	-0.3m
desc. node	-5353 Nov 13 j 13:27	27°♍04'47	
	-5353 Nov 15 j 11:35	0°♎	
morning set	-5353 Nov 25 j 12:09	15°♎54'04	
max. Earth dist.	-5353 Nov 30 j 10:54	24°♎12'38	1.40122 AU
	-5353 Dec 03 j 18:53	0°♏	
superior conj	-5353 Dec 08 j 03:57	7°♏50'56	-1°-51'-39

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5353 Dec 08 j 03:07	7°♏47'11	1°51'50
evening rise	-5353 Dec 17 j 20:43	26°♏03'23	
	-5353 Dec 19 j 22:36	0°♐	
asc. node	-5353 Dec 28 j 01:21	14°♐19'18	
evening max el	-5352 Jan 03 j 01:51	22°♐04'42	18°25'49
retrograde	-5352 Jan 10 j 13:05	25°♐45'24	
evening set	-5352 Jan 13 j 01:06	25°♐21'53	
inferior conj	-5352 Jan 20 j 09:53	20°♐45'30	4°01'23
minimum elong	-5352 Jan 20 j 11:35	20°♐42'02	4°00'58
min. Earth dist.	-5352 Jan 23 j 18:22	18°♐02'29	0.59130 AU
morning rise	-5352 Jan 27 j 18:49	15°♐20'59	
direct	-5352 Feb 03 j 03:04	13°♐36'26	
desc. node	-5352 Feb 09 j 13:17	15°♐17'27	
morning max el	-5352 Feb 17 j 08:22	21°♐08'17	26°45'24
	-5352 Feb 25 j 01:49	0°♑	
	-5352 Mar 14 j 06:57	0°♒	
morning set	-5352 Mar 18 j 04:18	7°♒53'24	
superior conj	-5352 Mar 25 j 06:15	23°♒07'46	0°02'24
minimum elong	-5352 Mar 25 j 06:09	23°♒07'14	0°02'10
behind sun begin	-5352 Mar 25 j 01:12	22°♒40'07	
behind sun end	-5352 Mar 25 j 11:06	23°♒34'22	
max. Earth dist.	-5352 Mar 25 j 05:32	23°♒03'49	1.32642 AU
asc. node	-5352 Mar 25 j 00:43	22°♒37'28	
	-5352 Mar 28 j 09:51	0°♓	
evening rise	-5352 Apr 01 j 07:37	8°♓19'32	
	-5352 Apr 12 j 17:25	0°♈	
evening max el	-5352 Apr 30 j 11:39	23°♈53'38	26°23'34
desc. node	-5352 May 07 j 11:43	29°♈13'21	
	-5352 May 09 j 01:48	0°♉	
retrograde	-5352 May 14 j 13:47	1°♉13'30	
	-5352 May 19 j 22:55	30°℞♈	
evening set	-5352 May 20 j 20:28	29°♈33'55	
min. Earth dist.	-5352 May 25 j 00:37	26°♈51'28	0.59560 AU
inferior conj	-5352 May 28 j 09:53	24°♈11'37	-4°-5'-47
minimum elong	-5352 May 28 j 08:18	24°♈14'46	4°05'36
morning rise	-5352 Jun 04 j 23:51	19°♈36'54	
direct	-5352 Jun 07 j 11:12	19°♈14'56	
morning max el	-5352 Jun 15 j 00:54	22°♈52'55	18°21'39
	-5352 Jun 20 j 17:37	0°♉	
asc. node	-5352 Jun 21 j 00:41	0°♉26'57	
morning set	-5352 Jul 01 j 02:03	18°♉19'58	
	-5352 Jul 07 j 05:43	0°♊	
superior conj	-5352 Jul 10 j 12:16	6°♊03'57	1°49'10
minimum elong	-5352 Jul 10 j 13:04	6°♊07'34	1°49'25
max. Earth dist.	-5352 Jul 17 j 22:30	19°♊15'20	1.40430 AU
evening rise	-5352 Jul 22 j 16:36	27°♊16'08	
	-5352 Jul 24 j 08:33	0°♋	
desc. node	-5352 Aug 03 j 10:16	15°♋46'27	
	-5352 Aug 13 j 06:47	0°♌	
greatest brilliancy	-5352 Aug 20 j 06:01	9°♌07'38	-0.2m
evening max el	-5352 Aug 26 j 03:20	15°♌46'43	23°15'43
retrograde	-5352 Sep 05 j 10:02	21°♌52'10	
evening set	-5352 Sep 10 j 07:56	19°♌50'04	
inferior conj	-5352 Sep 15 j 15:48	13°♌30'21	0°-27'-13
minimum elong	-5352 Sep 15 j 16:25	13°♌28'13	0°26'44
min. Earth dist.	-5352 Sep 15 j 09:19	13°♌52'37	0.67359 AU
asc. node	-5352 Sep 16 j 23:57	11°♌41'06	
morning rise	-5352 Sep 21 j 00:56	7°♌15'54	
direct	-5352 Sep 25 j 04:46	5°♌39'50	
morning max el	-5352 Oct 04 j 00:28	10°♌53'47	21°31'20
greatest brilliancy	-5352 Oct 09 j 04:57	16°♌53'24	-0.4m
	-5352 Oct 18 j 18:31	0°♍	
desc. node	-5352 Oct 30 j 10:18	17°♍27'03	
morning set	-5352 Nov 04 j 03:51	24°♍50'02	
	-5352 Nov 07 j 09:41	0°♎	
max. Earth dist.	-5352 Nov 11 j 12:47	6°♎43'01	1.42051 AU
superior conj	-5352 Nov 18 j 21:29	19°♎08'10	-1°-41'-58
minimum elong	-5352 Nov 18 j 17:20	18°♎50'16	1°41'48
	-5352 Nov 25 j 01:25	0°♏	
evening rise	-5352 Nov 29 j 23:23	8°♏54'10	
	-5352 Dec 12 j 07:40	0°♐	
asc. node	-5352 Dec 13 j 22:29	2°♐11'20	
evening max el	-5352 Dec 16 j 11:20	5°♐04'41	18°09'07
retrograde	-5352 Dec 23 j 07:10	8°♐34'32	
evening set	-5352 Dec 25 j 21:22	8°♐04'41	
inferior conj	-5351 Jan 01 j 17:16	3°♐06'30	4°05'30
minimum elong	-5351 Jan 01 j 16:13	3°♐08'59	4°05'11
min. Earth dist.	-5351 Jan 04 j 19:28	0°♐13'16	0.61104 AU
	-5351 Jan 05 j 01:25	30°℞♏	
morning rise	-5351 Jan 08 j 08:33	27°♏24'40	
direct	-5351 Jan 15 j 07:18	25°♏04'43	
desc. node	-5351 Jan 26 j 10:21	0°♐04'53	
	-5351 Jan 26 j 07:59	0°♐	
morning max el	-5351 Jan 29 j 08:56	2°♐44'01	27°30'38
	-5351 Feb 18 j 10:02	0°♑	
morning set	-5351 Mar 02 j 11:38	22°♑40'07	
	-5351 Mar 05 j 23:29	0°♒	
max. Earth dist.	-5351 Mar 08 j 18:15	6°♒00'06	1.32706 AU
superior conj	-5351 Mar 09 j 17:39	8°♒07'26	0°-22'-16
minimum elong	-5351 Mar 09 j 18:38	8°♒12'49	0°22'20
asc. node	-5351 Mar 11 j 21:41	12°♒51'15	
evening rise	-5351 Mar 16 j 18:19	23°♒17'50	
	-5351 Mar 20 j 00:37	0°♓	
	-5351 Apr 07 j 13:46	0°♈	
evening max el	-5351 Apr 12 j 06:55	5°♈05'38	25°09'06
desc. node	-5351 Apr 24 j 08:57	12°♈05'51	
retrograde	-5351 Apr 26 j 08:24	12°♈15'03	
evening set	-5351 May 01 j 12:04	11°♈13'23	
min. Earth dist.	-5351 May 06 j 19:25	8°♈20'29	0.57613 AU
inferior conj	-5351 May 09 j 21:09	6°♈14'45	-3°-33'-23
minimum elong	-5351 May 09 j 16:33	6°♈22'40	3°32'35
morning rise	-5351 May 18 j 01:17	2°♈00'13	
direct	-5351 May 20 j 11:26	1°♈42'39	
morning max el	-5351 May 29 j 04:42	5°♈47'38	19°02'35
asc. node	-5351 Jun 07 j 21:39	19°♈11'15	
	-5351 Jun 13 j 16:38	0°♉	
morning set	-5351 Jun 14 j 21:31	2°♉21'29	
superior conj	-5351 Jun 23 j 10:28	19°♉06'58	1°47'14
minimum elong	-5351 Jun 23 j 09:07	19°♉00'28	1°47'24
	-5351 Jun 29 j 05:55	0°♊	
max. Earth dist.	-5351 Jun 29 j 23:38	1°♊20'25	1.38499 AU
evening rise	-5351 Jul 03 j 23:00	8°♊22'56	
	-5351 Jul 17 j 06:14	0°♋	
desc. node	-5351 Jul 21 j 07:20	6°♋01'22	
evening max el	-5351 Aug 08 j 14:26	29°♋13'42	24°36'01
	-5351 Aug 09 j 09:28	0°♌	
retrograde	-5351 Aug 19 j 23:36	5°♌53'49	
evening set	-5351 Aug 25 j 12:33	3°♌32'22	
	-5351 Aug 28 j 18:41	30°℞♋	
min. Earth dist.	-5351 Aug 30 j 04:21	28°♋09'59	0.67133 AU
inferior conj	-5351 Aug 30 j 21:23	27°♋12'54	-1°-19'-24
minimum elong	-5351 Aug 30 j 23:10	27°♋06'53	1°18'25
asc. node	-5351 Sep 03 j 21:06	22°♋23'16	
morning rise	-5351 Sep 05 j 10:05	21°♋05'02	
direct	-5351 Sep 09 j 02:00	19°♋47'42	
morning max el	-5351 Sep 16 j 22:23	24°♋22'58	20°18'00
	-5351 Sep 21 j 17:10	0°♌	
greatest brilliancy	-5351 Sep 23 j 18:26	2°♌43'41	-0.6m
	-5351 Oct 12 j 03:31	0°♍	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning set	-5351 Oct 14 j 03:24	3°♍05'07	
desc. node	-5351 Oct 17 j 07:09	8°♍00'00	
max. Earth dist.	-5351 Oct 24 j 21:54	20°♍03'09	1.43591 AU
superior conj	-5351 Oct 30 j 12:23	29°♍08'53	-1°-16'-53
minimum elong	-5351 Oct 30 j 05:55	28°♍42'21	1°16'12
	-5351 Oct 31 j 00:49	0°♎	
evening rise	-5351 Nov 12 j 09:31	20°♎57'17	
	-5351 Nov 17 j 14:54	0°♏	
evening max el	-5351 Nov 29 j 23:48	18°♏19'16	18°11'46
asc. node	-5351 Nov 30 j 19:40	19°♏06'57	
retrograde	-5351 Dec 06 j 13:29	21°♏49'59	
evening set	-5351 Dec 09 j 06:46	21°♏12'27	
inferior conj	-5351 Dec 15 j 16:04	15°♏53'25	3°48'01
minimum elong	-5351 Dec 15 j 13:21	16°♏00'38	3°47'23
min. Earth dist.	-5351 Dec 18 j 05:30	13°♏11'12	0.62947 AU
morning rise	-5351 Dec 21 j 18:08	9°♏58'49	
direct	-5351 Dec 28 j 19:57	7°♏16'23	
morning max el	-5350 Jan 11 j 14:51	14°♏58'07	27°40'04
desc. node	-5350 Jan 13 j 07:22	16°♏41'27	
	-5350 Jan 23 j 22:59	0°♐	
	-5350 Feb 10 j 22:30	0°♑	
morning set	-5350 Feb 14 j 13:13	7°♑05'50	
max. Earth dist.	-5350 Feb 20 j 02:24	18°♑36'53	1.33136 AU
superior conj	-5350 Feb 22 j 02:59	22°♑57'11	0°-46'-23
minimum elong	-5350 Feb 22 j 04:58	23°♑07'49	0°46'19
	-5350 Feb 25 j 09:16	0°♒	
asc. node	-5350 Feb 26 j 18:41	2°♒59'56	
evening rise	-5350 Mar 01 j 05:54	8°♒14'42	
	-5350 Mar 12 j 18:05	0°♓	
evening max el	-5350 Mar 24 j 23:19	15°♓53'44	23°38'15
retrograde	-5350 Apr 07 j 14:12	22°♓38'50	
evening set	-5350 Apr 11 j 10:53	22°♓06'03	
desc. node	-5350 Apr 11 j 06:10	22°♓09'15	
min. Earth dist.	-5350 Apr 18 j 11:01	18°♓50'43	0.56087 AU
inferior conj	-5350 Apr 20 j 12:27	17°♓36'17	-2°-23'-8
minimum elong	-5350 Apr 20 j 07:10	17°♓44'17	2°21'45
morning rise	-5350 Apr 29 j 06:54	13°♓35'30	
direct	-5350 May 01 j 17:11	13°♓20'33	
morning max el	-5350 May 11 j 23:15	18°♓07'09	20°03'45
	-5350 May 21 j 01:10	0°♈	
asc. node	-5350 May 25 j 18:36	8°♈26'38	
morning set	-5350 May 30 j 00:31	16°♈48'43	
	-5350 Jun 05 j 12:01	0°♉	
superior conj	-5350 Jun 06 j 22:30	2°♉53'36	1°37'22
minimum elong	-5350 Jun 06 j 20:01	2°♉41'10	1°37'19
max. Earth dist.	-5350 Jun 12 j 03:39	13°♉06'21	1.36694 AU
evening rise	-5350 Jun 16 j 05:09	20°♉41'21	
	-5350 Jun 21 j 11:29	0°♊	
desc. node	-5350 Jul 08 j 04:27	25°♊55'47	
	-5350 Jul 11 j 04:26	0°♋	
evening max el	-5350 Jul 22 j 01:02	12°♋43'29	25°48'50
retrograde	-5350 Aug 03 j 08:37	19°♋48'36	
evening set	-5350 Aug 09 j 12:29	17°♋11'10	
min. Earth dist.	-5350 Aug 13 j 19:33	12°♋26'46	0.66577 AU
inferior conj	-5350 Aug 15 j 00:11	10°♋55'15	-2°-9'00
minimum elong	-5350 Aug 15 j 02:58	10°♋46'21	2°07'44
morning rise	-5350 Aug 20 j 18:04	4°♋57'24	
asc. node	-5350 Aug 21 j 18:12	4°♋25'18	
direct	-5350 Aug 24 j 00:15	3°♋55'58	
morning max el	-5350 Aug 31 j 03:15	8°♋00'04	19°18'08
greatest brilliancy	-5350 Sep 11 j 04:47	22°♋49'19	-0.7m
	-5350 Sep 15 j 20:58	0°♌	
morning set	-5350 Sep 23 j 09:27	11°♌45'01	
desc. node	-5350 Oct 04 j 04:02	28°♌39'53	
	-5350 Oct 05 j 00:22	0°♍	
max. Earth dist.	-5350 Oct 07 j 13:11	4°♍00'04	1.44532 AU
superior conj	-5350 Oct 10 j 01:01	7°♍57'14	0°-36'-19
minimum elong	-5350 Oct 09 j 20:35	7°♍39'39	0°35'39
	-5350 Oct 23 j 16:24	0°♎	
evening rise	-5350 Oct 24 j 22:19	2°♎03'13	
	-5350 Nov 11 j 23:26	0°♏	
evening max el	-5350 Nov 13 j 12:27	1°♏42'30	18°32'48
asc. node	-5350 Nov 17 j 16:51	4°♏51'15	
retrograde	-5350 Nov 20 j 03:58	5°♏24'11	
evening set	-5350 Nov 23 j 01:52	4°♏37'09	
	-5350 Nov 28 j 05:47	30°℞♎	
inferior conj	-5350 Nov 29 j 02:37	28°♎59'35	3°16'08
minimum elong	-5350 Nov 28 j 23:20	29°♎09'13	3°15'12
min. Earth dist.	-5350 Dec 01 j 01:29	26°♎42'44	0.64499 AU
morning rise	-5350 Dec 04 j 19:33	22°♎55'00	
direct	-5350 Dec 11 j 15:24	20°♎05'32	
morning max el	-5350 Dec 24 j 23:56	27°♎43'30	27°15'05
	-5350 Dec 27 j 04:36	0°♏	
desc. node	-5350 Dec 31 j 04:20	4°♏36'11	
	-5349 Jan 17 j 15:11	0°♐	
morning set	-5349 Jan 29 j 06:13	21°♐01'14	
	-5349 Feb 02 j 17:51	0°♑	
max. Earth dist.	-5349 Feb 03 j 02:21	0°♑43'44	1.33973 AU
superior conj	-5349 Feb 06 j 08:25	7°♑30'47	-1°-8'-56
minimum elong	-5349 Feb 06 j 11:07	7°♑45'00	1°08'48
evening rise	-5349 Feb 13 j 16:40	23°♑04'05	
asc. node	-5349 Feb 13 j 15:43	22°♑59'10	
	-5349 Feb 17 j 02:10	0°♒	
evening max el	-5349 Mar 06 j 18:21	26°♒42'48	22°04'46
	-5349 Mar 10 j 20:28	0°♓	
retrograde	-5349 Mar 19 j 08:00	2°♓47'11	
evening set	-5349 Mar 22 j 05:01	2°♓28'54	
	-5349 Mar 28 j 13:53	30°℞♒	
desc. node	-5349 Mar 29 j 03:21	29°♒42'02	
min. Earth dist.	-5349 Mar 31 j 01:14	28°♒38'22	0.55293 AU
inferior conj	-5349 Mar 31 j 12:14	28°♒22'51	0°-38'-50
minimum elong	-5349 Mar 31 j 10:27	28°♒25'22	0°38'25
morning rise	-5349 Apr 09 j 17:05	24°♒23'11	
direct	-5349 Apr 12 j 08:54	24°♒07'15	
morning max el	-5349 Apr 24 j 06:55	29°♒45'25	21°23'50
	-5349 Apr 24 j 13:04	0°♓	
asc. node	-5349 May 12 j 15:32	28°♓05'17	
	-5349 May 13 j 14:08	0°♈	
morning set	-5349 May 14 j 08:36	1°♈34'44	
superior conj	-5349 May 21 j 20:20	17°♈12'14	1°21'52
minimum elong	-5349 May 21 j 17:34	16°♈57'56	1°21'34
max. Earth dist.	-5349 May 25 j 15:55	24°♈59'47	1.35176 AU
	-5349 May 28 j 04:34	0°♉	
evening rise	-5349 May 30 j 05:37	3°♉56'30	
	-5349 Jun 14 j 07:45	0°♊	
desc. node	-5349 Jun 25 j 01:36	15°♊20'42	
evening max el	-5349 Jul 04 j 12:09	26°♊10'36	26°45'45
	-5349 Jul 08 j 22:34	0°♋	
retrograde	-5349 Jul 17 j 12:36	3°♋30'14	
evening set	-5349 Jul 24 j 05:25	0°♋43'35	
	-5349 Jul 25 j 01:07	30°℞♊	
min. Earth dist.	-5349 Jul 28 j 04:28	26°♊38'27	0.65661 AU
inferior conj	-5349 Jul 29 j 22:12	24°♊34'04	-2°-54'-7
minimum elong	-5349 Jul 30 j 01:36	24°♊23'54	2°52'50
morning rise	-5349 Aug 04 j 22:49	18°♊49'39	
direct	-5349 Aug 07 j 21:32	18°♊01'04	
asc. node	-5349 Aug 08 j 15:16	18°♊04'05	
morning max el	-5349 Aug 14 j 13:43	21°♊42'44	18°33'53

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5349 Aug 21 j 01:02	0°♋		
morning set	-5349 Sep 03 j 14:44	21°♋33'28		
	-5349 Sep 08 j 20:14	0°♌		
superior conj	-5349 Sep 19 j 00:19	16°♌11'07	0°12'41	
minimum elong	-5349 Sep 19 j 01:59	16°♌17'43	0°12'42	
behind sun begin	-5349 Sep 18 j 18:47	15°♌49'13		
behind sun end	-5349 Sep 19 j 09:12	16°♌46'12		
max. Earth dist.	-5349 Sep 20 j 07:16	18°♌13'16	1.44765 AU	
desc. node	-5349 Sep 21 j 00:55	19°♌22'53		
	-5349 Sep 27 j 18:42	0°♍		
evening rise	-5349 Oct 05 j 09:57	12°♍03'12		
	-5349 Oct 16 j 19:50	0°♎		
evening max el	-5349 Oct 27 j 22:35	15°♎08'36	19°11'07	
retrograde	-5349 Nov 03 j 23:08	19°♎10'16		
asc. node	-5349 Nov 04 j 14:01	19°♎08'03		
evening set	-5349 Nov 07 j 03:35	18°♎11'23		
inferior conj	-5349 Nov 12 j 21:40	12°♎18'28	2°34'47	
minimum elong	-5349 Nov 12 j 18:36	12°♎28'08	2°33'46	
min. Earth dist.	-5349 Nov 14 j 06:43	10°♎34'11	0.65702 AU	
morning rise	-5349 Nov 18 j 08:44	6°♎06'21		
direct	-5349 Nov 24 j 16:53	3°♎22'44		
morning max el	-5349 Dec 07 j 09:44	10°♎47'53	26°21'31	
desc. node	-5349 Dec 18 j 01:16	23°♎25'26		
	-5349 Dec 22 j 18:34	0°♏		
	-5348 Jan 10 j 03:47	0°♐		
morning set	-5348 Jan 12 j 10:44	4°♐13'58		
max. Earth dist.	-5348 Jan 16 j 15:13	12°♐16'05	1.35248 AU	
superior conj	-5348 Jan 21 j 07:35	21°♐40'20	-1°-28'-34	
minimum elong	-5348 Jan 21 j 10:31	21°♐55'20	1°28'32	
	-5348 Jan 25 j 08:12	0°♑		
evening rise	-5348 Jan 29 j 00:47	7°♑39'18		
asc. node	-5348 Jan 31 j 12:46	12°♑43'33		
	-5348 Feb 10 j 07:58	0°♒		
evening max el	-5348 Feb 16 j 21:20	7°♒55'47	20°40'36	
retrograde	-5348 Feb 27 j 22:01	13°♒09'48		
evening set	-5348 Mar 01 j 08:13	12°♒55'38		
inferior conj	-5348 Mar 10 j 08:12	8°♒57'35	1°15'50	
minimum elong	-5348 Mar 10 j 11:28	8°♒52'51	1°14'30	
min. Earth dist.	-5348 Mar 11 j 15:16	8°♒12'33	0.55399 AU	
desc. node	-5348 Mar 15 j 00:30	6°♒22'41		
morning rise	-5348 Mar 19 j 13:03	4°♒41'15		
direct	-5348 Mar 22 j 21:41	4°♒16'42		
morning max el	-5348 Apr 05 j 04:34	10°♒45'35	22°58'07	
	-5348 Apr 19 j 06:57	0°♓		
morning set	-5348 Apr 27 j 19:42	16°♓32'58		
asc. node	-5348 Apr 28 j 12:29	18°♓00'48		
	-5348 May 04 j 03:35	0°♈		
superior conj	-5348 May 05 j 00:53	1°♈53'25	1°02'25	
minimum elong	-5348 May 04 j 22:27	1°♈40'31	1°01'59	
max. Earth dist.	-5348 May 07 j 14:08	7°♈16'33	1.34011 AU	
evening rise	-5348 May 12 j 19:24	17°♈53'59		
	-5348 May 19 j 05:03	0°♉		
	-5348 Jun 07 j 14:54	0°♊		
desc. node	-5348 Jun 10 j 22:44	4°♊03'48		
evening max el	-5348 Jun 15 j 23:05	9°♊25'35	27°19'13	
retrograde	-5348 Jun 29 j 11:17	16°♊51'24		
evening set	-5348 Jul 06 j 12:31	14°♊06'19		
min. Earth dist.	-5348 Jul 10 j 05:12	10°♊38'00	0.64358 AU	
inferior conj	-5348 Jul 12 j 13:06	8°♊05'47	-3°-32'-10	
minimum elong	-5348 Jul 12 j 16:29	7°♊56'31	3°31'11	
morning rise	-5348 Jul 18 j 22:03	2°♊37'51		
direct	-5348 Jul 21 j 15:24	1°♊59'19		
asc. node	-5348 Jul 25 j 12:18	3°♊16'01		
morning max el	-5348 Jul 28 j 03:36	5°♊27'25	18°06'39	

	-5348 Aug 13 j 09:30	0°♋		
morning set	-5348 Aug 14 j 22:50	2°♋38'29		
superior conj	-5348 Aug 28 j 09:18	24°♋57'05	0°57'28	
minimum elong	-5348 Aug 28 j 15:06	25°♋20'29	0°57'05	
	-5348 Aug 31 j 12:40	0°♌		
max. Earth dist.	-5348 Sep 02 j 00:18	2°♌22'06	1.44275 AU	
desc. node	-5348 Sep 06 j 21:50	10°♌06'21		
evening rise	-5348 Sep 13 j 22:31	21°♌03'28		
	-5348 Sep 19 j 17:51	0°♍		
greatest brilliancy	-5348 Oct 03 j 00:22	19°♍41'56	-0.6m	
evening max el	-5348 Oct 10 j 04:02	28°♍34'57	20°05'09	
	-5348 Oct 11 j 15:14	0°♎		
retrograde	-5348 Oct 17 j 20:12	3°♎04'36		
evening set	-5348 Oct 21 j 09:27	1°♎51'11		
asc. node	-5348 Oct 21 j 11:10	1°♎48'10		
	-5348 Oct 23 j 12:06	30°℞♍		
inferior conj	-5348 Oct 26 j 22:34	25°♍46'25	1°47'21	
minimum elong	-5348 Oct 26 j 20:15	25°♍54'08	1°46'31	
min. Earth dist.	-5348 Oct 27 j 19:21	24°♍37'17	0.66563 AU	
morning rise	-5348 Nov 01 j 06:27	19°♍29'34		
direct	-5348 Nov 07 j 00:06	17°♍00'36		
morning max el	-5348 Nov 18 j 18:49	24°♍00'19	25°07'47	
	-5348 Nov 24 j 04:14	0°♎		
desc. node	-5348 Dec 03 j 22:10	12°♎53'18		
	-5348 Dec 15 j 04:34	0°♏		
morning set	-5348 Dec 24 j 21:44	16°♏29'40		
max. Earth dist.	-5348 Dec 28 j 16:58	23°♏25'28	1.36941 AU	
	-5347 Jan 01 j 04:23	0°♐		
superior conj	-5347 Jan 03 j 21:35	5°♐17'28	-1°-43'-33	
minimum elong	-5347 Jan 03 j 23:57	5°♐29'11	1°43'41	
evening rise	-5347 Jan 12 j 04:14	21°♐54'23		
	-5347 Jan 16 j 06:54	0°♑		
asc. node	-5347 Jan 17 j 09:50	2°♑07'21		
evening max el	-5347 Jan 29 j 10:48	19°♑44'10	19°32'54	
retrograde	-5347 Feb 07 j 20:03	24°♑10'56		
evening set	-5347 Feb 10 j 04:58	23°♑55'11		
inferior conj	-5347 Feb 18 j 14:18	19°♑49'26	2°49'25	
minimum elong	-5347 Feb 18 j 19:31	19°♑40'59	2°47'49	
min. Earth dist.	-5347 Feb 21 j 05:55	18°♑07'06	0.56388 AU	
morning rise	-5347 Feb 27 j 06:32	15°♑04'44		
desc. node	-5347 Mar 01 j 21:40	14°♑26'24		
direct	-5347 Mar 03 j 19:31	14°♑18'00		
morning max el	-5347 Mar 17 j 20:13	21°♑23'53	24°36'31	
	-5347 Mar 25 j 06:51	0°♒		
	-5347 Apr 11 j 13:32	0°♓		
morning set	-5347 Apr 12 j 08:00	1°♓36'24		
asc. node	-5347 Apr 15 j 09:25	8°♓07'13		
superior conj	-5347 Apr 19 j 09:42	16°♓48'23	0°40'18	
minimum elong	-5347 Apr 19 j 08:00	16°♓39'14	0°39'52	
max. Earth dist.	-5347 Apr 20 j 20:42	19°♓57'17	1.33210 AU	
	-5347 Apr 25 j 14:59	0°♈		
evening rise	-5347 Apr 26 j 18:31	2°♈20'40		
	-5347 May 12 j 02:06	0°♉		
desc. node	-5347 May 28 j 19:55	21°♉46'37		
evening max el	-5347 May 29 j 08:02	22°♉16'04	27°23'15	
retrograde	-5347 Jun 12 j 04:03	29°♉42'05		
evening set	-5347 Jun 19 j 06:15	27°♉12'32		
min. Earth dist.	-5347 Jun 22 j 20:28	24°♉13'06	0.62684 AU	
inferior conj	-5347 Jun 25 j 17:59	21°♉23'44	-3°-59'-25	
minimum elong	-5347 Jun 25 j 20:23	21°♉17'51	3°58'55	
morning rise	-5347 Jul 02 j 12:52	16°♉14'55		
direct	-5347 Jul 05 j 02:47	15°♉44'04		
morning max el	-5347 Jul 11 j 18:12	19°♉07'46	17°57'23	
asc. node	-5347 Jul 12 j 09:19	19°♉46'22		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5347 Jul 19 j 17:19	0°♊		
morning set	-5347 Jul 28 j 05:55	14°♊49'03		
	-5347 Aug 05 j 21:30	0°♋		
superior conj	-5347 Aug 08 j 19:24	4°♋57'53	1°28'59	
minimum elong	-5347 Aug 09 j 00:38	5°♋19'57	1°28'50	
max. Earth dist.	-5347 Aug 15 j 13:18	16°♋08'13	1.43139 AU	
evening rise	-5347 Aug 24 j 01:31	29°♋39'43		
	-5347 Aug 24 j 06:43	0°♌		
desc. node	-5347 Aug 24 j 18:47	0°♌46'52		
	-5347 Sep 13 j 11:25	0°♍		
greatest brilliancy	-5347 Sep 17 j 18:46	5°♍45'03	-0.5m	
evening max el	-5347 Sep 23 j 03:27	12°♍00'11	21°12'31	
retrograde	-5347 Oct 01 j 16:56	17°♍04'21		
evening set	-5347 Oct 05 j 17:18	15°♍33'36		
asc. node	-5347 Oct 08 j 08:20	12°♍58'24		
inferior conj	-5347 Oct 11 j 03:08	9°♍20'32	0°56'13	
minimum elong	-5347 Oct 11 j 01:51	9°♍24'54	0°55'50	
min. Earth dist.	-5347 Oct 11 j 12:55	8°♍46'58	0.67106 AU	
morning rise	-5347 Oct 16 j 10:02	3°♍02'07		
direct	-5347 Oct 21 j 12:25	0°♍52'44		
morning max el	-5347 Nov 01 j 03:54	7°♍14'44	23°43'34	
	-5347 Nov 18 j 21:12	0°♎		
desc. node	-5347 Nov 20 j 19:04	2°♎48'29		
morning set	-5347 Dec 06 j 09:07	27°♎32'08		
	-5347 Dec 07 j 19:46	0°♏		
max. Earth dist.	-5347 Dec 10 j 12:59	4°♏43'38	1.38929 AU	
superior conj	-5347 Dec 17 j 22:29	18°♏11'37	-1°-51'-29	
minimum elong	-5347 Dec 17 j 23:12	18°♏14'58	1°51'43	
	-5347 Dec 24 j 02:13	0°♐		
evening rise	-5347 Dec 27 j 00:35	5°♐42'51		
asc. node	-5346 Jan 04 j 06:57	21°♐03'25		
	-5346 Jan 10 j 10:34	0°♑		
evening max el	-5346 Jan 12 j 10:03	2°♑06'54	18°44'37	
retrograde	-5346 Jan 20 j 10:47	5°♑59'38		
evening set	-5346 Jan 22 j 21:45	5°♑39'16		
inferior conj	-5346 Jan 30 j 15:04	1°♑15'39	3°45'37	
minimum elong	-5346 Jan 30 j 18:30	1°♑09'13	3°44'51	
	-5346 Feb 01 j 07:22	30°℞♐		
min. Earth dist.	-5346 Feb 02 j 22:15	28°♐48'50	0.58026 AU	
morning rise	-5346 Feb 07 j 11:39	26°♐04'05		
direct	-5346 Feb 13 j 06:34	24°♐41'53		
desc. node	-5346 Feb 16 j 18:47	25°♐11'50		
	-5346 Feb 25 j 03:32	0°♑		
morning max el	-5346 Feb 27 j 11:56	2°♑07'22	26°04'47	
	-5346 Mar 19 j 07:47	0°♒		
morning set	-5346 Mar 27 j 19:49	16°♒38'55		
asc. node	-5346 Apr 02 j 06:23	28°♒20'08		
	-5346 Apr 03 j 00:40	0°♓		
superior conj	-5346 Apr 03 j 20:52	1°♓50'19	0°16'32	
minimum elong	-5346 Apr 03 j 20:09	1°♓46'25	0°16'12	
max. Earth dist.	-5346 Apr 04 j 08:42	2°♓54'55	1.32759 AU	
evening rise	-5346 Apr 10 j 23:59	17°♓06'35		
	-5346 Apr 17 j 12:55	0°♈		
	-5346 May 07 j 06:09	0°♉		
evening max el	-5346 May 11 j 12:46	4°♉31'19	26°54'32	
desc. node	-5346 May 15 j 17:07	8°♉03'46		
retrograde	-5346 May 25 j 13:29	11°♉53'39		
evening set	-5346 Jun 01 j 06:33	9°♉53'23		
min. Earth dist.	-5346 Jun 05 j 02:18	7°♉09'16	0.60739 AU	
inferior conj	-5346 Jun 08 j 09:29	4°♉20'03	-4°-10'-11	
minimum elong	-5346 Jun 08 j 09:40	4°♉19'39	4°10'02	
	-5346 Jun 14 j 11:52	30°℞♈		
morning rise	-5346 Jun 15 j 15:57	29°♈32'18		
direct	-5346 Jun 18 j 03:59	29°♈07'22		
	-5346 Jun 21 j 17:15	0°♉		
morning max el	-5346 Jun 25 j 06:48	2°♉36'50	18°07'04	
asc. node	-5346 Jun 29 j 06:19	7°♉19'26		
morning set	-5346 Jul 11 j 06:40	27°♉51'47		
	-5346 Jul 12 j 10:14	0°♊		
superior conj	-5346 Jul 21 j 08:44	16°♊19'55	1°45'33	
minimum elong	-5346 Jul 21 j 11:09	16°♊30'42	1°45'44	
max. Earth dist.	-5346 Jul 28 j 21:08	29°♊19'31	1.41513 AU	
	-5346 Jul 29 j 06:48	0°♋		
evening rise	-5346 Aug 03 j 15:52	8°♋49'30		
desc. node	-5346 Aug 11 j 15:46	21°♋21'06		
	-5346 Aug 17 j 10:21	0°♌		
greatest brilliancy	-5346 Sep 01 j 03:02	20°♌05'32	-0.3m	
evening max el	-5346 Sep 05 j 20:45	25°♌24'47	22°29'22	
	-5346 Sep 11 j 13:57	0°♍		
retrograde	-5346 Sep 15 j 11:42	1°♍07'15		
	-5346 Sep 19 j 01:40	30°℞♌		
evening set	-5346 Sep 20 j 01:18	29°♌16'56		
inferior conj	-5346 Sep 25 j 09:26	22°♌58'53	0°03'20	
minimum elong	-5346 Sep 25 j 09:21	22°♌59'10	0°03'30	
transit middle	-5346 Sep 25 j 09:21	22°♌59'10	0°03'30	
transit begin	-5346 Sep 25 j 06:43	23°♌08'16		
transit end	-5346 Sep 25 j 11:59	22°♌50'04		
asc. node	-5346 Sep 25 j 05:31	23°♌12'26		
min. Earth dist.	-5346 Sep 25 j 08:54	23°♌00'45	0.67355 AU	
morning rise	-5346 Sep 30 j 17:16	16°♌42'09		
direct	-5346 Oct 05 j 05:01	14°♌54'02		
morning max el	-5346 Oct 14 j 15:51	20°♌32'08	22°18'02	
greatest brilliancy	-5346 Oct 19 j 10:03	25°♌55'43	-0.3m	
	-5346 Oct 22 j 14:43	0°♍		
desc. node	-5346 Nov 07 j 15:54	23°♍02'30		
	-5346 Nov 12 j 03:56	0°♎		
morning set	-5346 Nov 16 j 16:11	7°♎10'33		
max. Earth dist.	-5346 Nov 22 j 11:27	16°♎44'14	1.40973 AU	
superior conj	-5346 Nov 30 j 05:09	0°♏08'23	-1°-49'-16	
minimum elong	-5346 Nov 30 j 02:58	29°♎58'39	1°49'20	
	-5346 Nov 30 j 03:16	0°♏		
evening rise	-5346 Dec 10 j 10:43	18°♏56'42		
	-5346 Dec 16 j 10:55	0°♐		
asc. node	-5346 Dec 22 j 04:05	9°♐21'50		
evening max el	-5346 Dec 26 j 16:36	14°♐55'20	18°16'22	
retrograde	-5345 Jan 02 j 19:50	18°♐29'30		
evening set	-5345 Jan 05 j 08:53	18°♐03'16		
inferior conj	-5345 Jan 12 j 11:52	13°♐17'32	4°06'18	
minimum elong	-5345 Jan 12 j 12:18	13°♐16'36	4°06'01	
min. Earth dist.	-5345 Jan 15 j 18:49	10°♐27'33	0.59974 AU	
morning rise	-5345 Jan 19 j 12:50	7°♐45'21		
direct	-5345 Jan 26 j 04:56	5°♐44'40		
desc. node	-5345 Feb 03 j 15:52	8°♐39'30		
morning max el	-5345 Feb 09 j 08:37	13°♐19'28	27°08'50	
	-5345 Feb 22 j 15:55	0°♑		
	-5345 Mar 11 j 11:17	0°♒		
morning set	-5345 Mar 12 j 05:19	1°♒33'06		
superior conj	-5345 Mar 19 j 08:38	16°♒52'06	0°-8'-4	
minimum elong	-5345 Mar 19 j 09:00	16°♒54'07	0°08'14	
behind sun begin	-5345 Mar 19 j 04:42	16°♒30'35		
behind sun end	-5345 Mar 19 j 13:18	17°♒17'39		
max. Earth dist.	-5345 Mar 18 j 22:22	15°♒55'58	1.32635 AU	
asc. node	-5345 Mar 20 j 03:22	18°♒34'34		
	-5345 Mar 25 j 10:07	0°♓		
evening rise	-5345 Mar 26 j 09:20	2°♓02'18		
	-5345 Apr 10 j 16:24	0°♈		
evening max el	-5345 Apr 23 j 11:24	16°♈04'54	25°54'41	
desc. node	-5345 May 02 j 14:21	22°♈21'32		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

retrograde	-5345 May 07 j 13:42	23°♈20'29	
evening set	-5345 May 13 j 10:06	21°♈57'30	
min. Earth dist.	-5345 May 18 j 00:04	19°♈12'25	0.58711 AU
inferior conj	-5345 May 21 j 07:54	16°♈44'52	-3°-56'-18
minimum elong	-5345 May 21 j 04:56	16°♈50'24	3°55'56
morning rise	-5345 May 29 j 03:41	12°♈18'51	
direct	-5345 May 31 j 14:40	11°♈58'45	
morning max el	-5345 Jun 08 j 14:34	15°♈46'16	18°36'32
asc. node	-5345 Jun 16 j 03:19	25°♈41'02	
	-5345 Jun 18 j 16:00	0°♉	
morning set	-5345 Jun 24 j 20:24	11°♉34'50	
superior conj	-5345 Jul 03 j 20:37	28°♉50'54	1°49'29
minimum elong	-5345 Jul 03 j 20:23	28°♉49'46	1°49'44
	-5345 Jul 04 j 11:26	0°♊	
max. Earth dist.	-5345 Jul 11 j 00:11	11°♊48'56	1.39613 AU
evening rise	-5345 Jul 15 j 06:52	19°♊10'47	
	-5345 Jul 21 j 21:26	0°♋	
desc. node	-5345 Jul 29 j 12:48	11°♋44'54	
	-5345 Aug 11 j 16:41	0°♌	
evening max el	-5345 Aug 19 j 09:23	8°♌50'33	23°50'17
retrograde	-5345 Aug 30 j 03:19	15°♌10'59	
evening set	-5345 Sep 04 j 07:41	13°♌00'19	
min. Earth dist.	-5345 Sep 09 j 04:52	7°♌17'39	0.67306 AU
inferior conj	-5345 Sep 09 j 15:46	6°♌40'32	0°-49'-32
minimum elong	-5345 Sep 09 j 16:53	6°♌36'41	0°48'50
asc. node	-5345 Sep 12 j 02:38	3°♌27'41	
morning rise	-5345 Sep 15 j 02:15	0°♌28'43	
	-5345 Sep 15 j 19:04	30°℞♋	
direct	-5345 Sep 19 j 00:49	29°♋00'54	
	-5345 Sep 22 j 12:05	0°♌	
morning max el	-5345 Sep 27 j 09:46	3°♌57'02	20°58'45
greatest brilliancy	-5345 Oct 03 j 03:38	10°♌43'24	-0.5m
	-5345 Oct 16 j 16:22	0°♍	
desc. node	-5345 Oct 25 j 12:46	13°♍30'09	
morning set	-5345 Oct 26 j 22:44	15°♍42'20	
max. Earth dist.	-5345 Nov 04 j 17:02	29°♍39'28	1.42772 AU
	-5345 Nov 04 j 22:04	0°♎	
superior conj	-5345 Nov 11 j 11:50	10°♎54'06	-1°-33'-20
minimum elong	-5345 Nov 11 j 06:23	10°♎31'06	1°32'56
	-5345 Nov 22 j 11:03	0°♏	
evening rise	-5345 Nov 23 j 06:56	1°♏28'38	
asc. node	-5345 Dec 09 j 01:14	26°♏51'25	
evening max el	-5345 Dec 10 j 03:39	28°♏01'56	18°07'52
	-5345 Dec 12 j 11:22	0°♐	
retrograde	-5345 Dec 16 j 19:47	1°♐30'58	
evening set	-5345 Dec 19 j 11:09	0°♐57'58	
	-5345 Dec 21 j 06:37	30°℞♏	
inferior conj	-5345 Dec 26 j 02:14	25°♏50'18	4°00'15
minimum elong	-5345 Dec 26 j 00:20	25°♏55'01	3°59'49
min. Earth dist.	-5345 Dec 28 j 23:18	22°♏59'50	0.61917 AU
morning rise	-5344 Jan 01 j 11:21	20°♏02'35	
direct	-5344 Jan 08 j 12:33	17°♏31'36	
desc. node	-5344 Jan 21 j 12:55	24°♏17'24	
morning max el	-5344 Jan 22 j 11:46	25°♏11'57	27°39'10
	-5344 Jan 26 j 22:52	0°♐	
	-5344 Feb 16 j 00:08	0°♑	
morning set	-5344 Feb 24 j 10:31	16°♑11'40	
max. Earth dist.	-5344 Mar 01 j 09:47	28°♑46'07	1.32846 AU
	-5344 Mar 01 j 23:27	0°♒	
superior conj	-5344 Mar 02 j 19:20	1°♒47'46	0°-32'-38
minimum elong	-5344 Mar 02 j 20:46	1°♒55'31	0°32'37
asc. node	-5344 Mar 06 j 00:22	8°♒46'28	
evening rise	-5344 Mar 09 j 20:37	17°♒00'30	
	-5344 Mar 16 j 08:33	0°♓	

evening max el	-5344 Apr 04 j 04:41	27°♓03'09	24°31'32
	-5344 Apr 07 j 15:25	0°♈	
retrograde	-5344 Apr 18 j 02:50	4°♈04'21	
desc. node	-5344 Apr 18 j 11:35	4°♈04'02	
evening set	-5344 Apr 22 j 17:31	3°♈16'19	
min. Earth dist.	-5344 Apr 28 j 16:46	0°♈15'27	0.56895 AU
	-5344 Apr 29 j 02:35	30°℞♓	
inferior conj	-5344 May 01 j 10:28	28°♓29'50	-3°-8'-24
minimum elong	-5344 May 01 j 05:07	28°♓38'31	3°07'14
morning rise	-5344 May 09 j 20:53	24°♓22'40	
direct	-5344 May 12 j 06:57	24°♓06'27	
morning max el	-5344 May 21 j 14:42	28°♓26'52	19°26'14
	-5344 May 23 j 03:41	0°♈	
asc. node	-5344 Jun 02 j 00:16	14°♈39'30	
morning set	-5344 Jun 07 j 19:23	25°♈48'11	
	-5344 Jun 09 j 21:43	0°♉	
superior conj	-5344 Jun 16 j 01:16	12°♉14'16	1°43'52
minimum elong	-5344 Jun 15 j 23:19	12°♉04'43	1°43'58
max. Earth dist.	-5344 Jun 22 j 01:50	23°♉43'00	1.37700 AU
evening rise	-5344 Jun 25 j 23:53	0°♊49'07	
	-5344 Jun 25 j 12:51	0°♊	
	-5344 Jul 14 j 02:46	0°♋	
desc. node	-5344 Jul 15 j 09:54	1°♋52'12	
evening max el	-5344 Jul 31 j 19:49	22°♋18'19	25°08'20
retrograde	-5344 Aug 12 j 15:02	29°♋10'37	
evening set	-5344 Aug 18 j 10:33	26°♋41'27	
min. Earth dist.	-5344 Aug 22 j 22:26	21°♋35'12	0.66939 AU
inferior conj	-5344 Aug 23 j 20:21	20°♋23'02	-1°-40'-52
minimum elong	-5344 Aug 23 j 22:36	20°♋15'39	1°39'44
asc. node	-5344 Aug 28 j 23:45	14°♋39'39	
morning rise	-5344 Aug 29 j 11:06	14°♋19'20	
direct	-5344 Sep 01 j 22:32	13°♋09'19	
morning max el	-5344 Sep 09 j 10:50	17°♋30'14	19°50'46
greatest brilliancy	-5344 Sep 17 j 08:47	27°♋27'46	-0.6m
	-5344 Sep 19 j 03:15	0°♌	
morning set	-5344 Oct 04 j 22:11	24°♌00'15	
	-5344 Oct 08 j 18:37	0°♍	
desc. node	-5344 Oct 11 j 09:37	4°♍06'30	
max. Earth dist.	-5344 Oct 17 j 05:11	13°♍17'47	1.44073 AU
superior conj	-5344 Oct 21 j 14:47	20°♍21'08	-1°-1'-19
minimum elong	-5344 Oct 21 j 08:30	19°♍55'46	1°00'33
	-5344 Oct 27 j 12:29	0°♎	
evening rise	-5344 Nov 04 j 08:34	13°♎08'38	
	-5344 Nov 14 j 09:56	0°♏	
evening max el	-5344 Nov 22 j 16:24	11°♏20'09	18°18'28
asc. node	-5344 Nov 24 j 22:22	13°♏18'17	
retrograde	-5344 Nov 29 j 06:07	14°♏54'46	
evening set	-5344 Dec 02 j 01:02	14°♏13'34	
inferior conj	-5344 Dec 08 j 06:27	8°♏46'12	3°35'55
minimum elong	-5344 Dec 08 j 03:22	8°♏54'45	3°35'08
min. Earth dist.	-5344 Dec 10 j 13:42	6°♏13'19	0.63644 AU
morning rise	-5344 Dec 14 j 04:08	2°♏46'43	
	-5344 Dec 20 j 18:58	30°℞♎	
direct	-5344 Dec 21 j 04:08	29°♎59'32	
	-5344 Dec 21 j 13:21	0°♏	
morning max el	-5343 Jan 03 j 19:35	7°♏41'22	27°33'27
desc. node	-5343 Jan 07 j 09:55	11°♏30'26	
	-5343 Jan 21 j 02:44	0°♐	
morning set	-5343 Feb 07 j 08:53	0°♑26'04	
	-5343 Feb 07 j 03:37	0°♑	
max. Earth dist.	-5343 Feb 12 j 14:56	11°♑11'31	1.33433 AU
superior conj	-5343 Feb 15 j 03:15	16°♑31'26	0°-56'-13
minimum elong	-5343 Feb 15 j 05:34	16°♑43'52	0°56'07
asc. node	-5343 Feb 20 j 21:22	28°♑51'41	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5343 Feb 21 j 10:15	0°♒	
evening rise	-5343 Feb 22 j 08:03	1°♒54'49	
	-5343 Mar 10 j 03:58	0°♓	
evening max el	-5343 Mar 16 j 21:19	7°♓48'17	22°58'03
retrograde	-5343 Mar 30 j 03:45	14°♓18'53	
evening set	-5343 Apr 02 j 12:42	13°♓53'57	
desc. node	-5343 Apr 05 j 08:47	12°♓57'39	
min. Earth dist.	-5343 Apr 10 j 07:44	10°♓25'20	0.55636 AU
inferior conj	-5343 Apr 11 j 18:14	9°♓35'11	-1°-42'-9
minimum elong	-5343 Apr 11 j 13:57	9°♓41'26	1°40'57
morning rise	-5343 Apr 20 j 17:59	5°♓37'05	
direct	-5343 Apr 23 j 05:18	5°♓22'30	
morning max el	-5343 May 04 j 04:53	10°♓30'28	20°35'45
	-5343 May 17 j 17:50	0°♈	
asc. node	-5343 May 19 j 21:14	4°♈06'06	
morning set	-5343 May 23 j 00:50	10°♈24'41	
superior conj	-5343 May 30 j 17:58	26°♈16'43	1°31'23
minimum elong	-5343 May 30 j 15:17	26°♈03'03	1°31'13
	-5343 Jun 01 j 14:11	0°♉	
max. Earth dist.	-5343 Jun 04 j 08:34	5°♉28'23	1.36003 AU
evening rise	-5343 Jun 08 j 14:33	13°♉34'17	
	-5343 Jun 17 j 23:04	0°♊	
desc. node	-5343 Jul 02 j 07:00	21°♊35'45	
	-5343 Jul 08 j 21:59	0°♋	
evening max el	-5343 Jul 14 j 06:25	5°♋47'35	26°15'22
retrograde	-5343 Jul 26 j 22:09	13°♋00'58	
evening set	-5343 Aug 02 j 07:50	10°♋18'23	
min. Earth dist.	-5343 Aug 06 j 11:18	5°♋50'38	0.66234 AU
inferior conj	-5343 Aug 07 j 21:23	4°♋04'33	-2°-28'-51
minimum elong	-5343 Aug 08 j 00:30	3°♋54'52	2°27'32
	-5343 Aug 11 j 11:01	30°℞♊	
morning rise	-5343 Aug 13 j 17:57	28°♊12'00	
asc. node	-5343 Aug 15 j 20:50	27°♊22'09	
direct	-5343 Aug 16 j 20:33	27°♊16'34	
	-5343 Aug 22 j 12:54	0°♋	
morning max el	-5343 Aug 23 j 18:20	1°♋10'26	18°57'13
	-5343 Sep 12 j 13:59	0°♌	
morning set	-5343 Sep 14 j 12:46	3°♌05'39	
desc. node	-5343 Sep 28 j 06:28	24°♌48'03	
max. Earth dist.	-5343 Sep 29 j 21:25	27°♌21'37	1.44720 AU
superior conj	-5343 Sep 30 j 19:16	28°♌47'48	0°-15'-50
minimum elong	-5343 Sep 30 j 17:14	28°♌39'45	0°15'24
behind sun begin	-5343 Sep 30 j 13:23	28°♌24'34	
behind sun end	-5343 Sep 30 j 21:05	28°♌54'56	
	-5343 Oct 01 j 13:33	0°♍	
evening rise	-5343 Oct 16 j 10:52	23°♍46'36	
	-5343 Oct 20 j 07:04	0°♎	
evening max el	-5343 Nov 06 j 04:14	24°♎44'53	18°47'07
asc. node	-5343 Nov 11 j 19:31	28°♎26'55	
retrograde	-5343 Nov 12 j 22:54	28°♎34'11	
evening set	-5343 Nov 15 j 23:15	27°♎42'36	
inferior conj	-5343 Nov 21 j 20:58	21°♎58'19	2°59'30
minimum elong	-5343 Nov 21 j 17:42	22°♎08'15	2°58'30
min. Earth dist.	-5343 Nov 23 j 13:54	19°♎54'25	0.65054 AU
morning rise	-5343 Nov 27 j 11:01	15°♎50'05	
direct	-5343 Dec 04 j 02:27	13°♎01'22	
morning max el	-5343 Dec 17 j 05:09	20°♎36'03	26°55'15
desc. node	-5343 Dec 25 j 06:51	29°♎50'42	
	-5343 Dec 25 j 09:46	0°♏	
	-5342 Jan 14 j 04:21	0°♐	
morning set	-5342 Jan 21 j 21:05	14°♐04'56	
max. Earth dist.	-5342 Jan 26 j 10:03	23°♐01'51	1.34452 AU
	-5342 Jan 29 j 19:36	0°♑	
superior conj	-5342 Jan 30 j 06:19	0°♑55'45	-1°-17'-43
minimum elong	-5342 Jan 30 j 09:11	1°♑10'43	1°17'38
evening rise	-5342 Feb 06 j 17:53	16°♑38'36	
asc. node	-5342 Feb 07 j 18:23	18°♑45'05	
	-5342 Feb 13 j 12:33	0°♒	
evening max el	-5342 Feb 26 j 19:20	18°♒45'45	21°27'26
retrograde	-5342 Mar 10 j 18:33	24°♒28'59	
evening set	-5342 Mar 13 j 09:07	24°♒13'35	
inferior conj	-5342 Mar 22 j 14:41	20°♒13'27	0°10'29
minimum elong	-5342 Mar 22 j 15:09	20°♒12'47	0°10'06
transit middle	-5342 Mar 22 j 15:09	20°♒12'47	0°10'06
transit begin	-5342 Mar 22 j 12:00	20°♒17'14	
transit end	-5342 Mar 22 j 18:19	20°♒08'19	
min. Earth dist.	-5342 Mar 22 j 22:10	20°♒02'52	0.55216 AU
desc. node	-5342 Mar 23 j 05:59	19°♒51'51	
morning rise	-5342 Mar 31 j 21:01	16°♒08'21	
direct	-5342 Apr 03 j 18:18	15°♒49'58	
morning max el	-5342 Apr 16 j 08:01	21°♒51'29	22°02'38
	-5342 Apr 23 j 06:30	0°♓	
asc. node	-5342 May 06 j 18:10	23°♓52'31	
morning set	-5342 May 07 j 10:25	25°♓16'27	
	-5342 May 09 j 16:38	0°♈	
superior conj	-5342 May 14 j 18:59	10°♈45'55	1°14'02
minimum elong	-5342 May 14 j 16:18	10°♈31'51	1°13'39
max. Earth dist.	-5342 May 18 j 00:55	17°♈29'53	1.34636 AU
evening rise	-5342 May 22 j 21:16	27°♈09'24	
	-5342 May 24 j 08:51	0°♉	
	-5342 Jun 11 j 06:01	0°♊	
desc. node	-5342 Jun 19 j 04:09	10°♊44'50	
evening max el	-5342 Jun 26 j 17:46	19°♊11'31	27°03'18
retrograde	-5342 Jul 10 j 00:05	26°♊34'43	
evening set	-5342 Jul 16 j 20:59	23°♊47'31	
min. Earth dist.	-5342 Jul 20 j 17:08	19°♊58'16	0.65154 AU
inferior conj	-5342 Jul 22 j 16:43	17°♊41'18	-3°-11'-21
minimum elong	-5342 Jul 22 j 20:12	17°♊31'14	3°10'09
morning rise	-5342 Jul 28 j 20:40	12°♊03'14	
direct	-5342 Jul 31 j 16:48	11°♊19'15	
asc. node	-5342 Aug 02 j 17:54	11°♊41'47	
morning max el	-5342 Aug 07 j 06:30	14°♊54'18	18°20'03
	-5342 Aug 18 j 01:13	0°♋	
morning set	-5342 Aug 26 j 05:43	13°♋27'42	
	-5342 Sep 05 j 08:58	0°♌	
superior conj	-5342 Sep 09 j 20:00	7°♌08'02	0°32'54
minimum elong	-5342 Sep 10 j 00:00	7°♌23'53	0°32'40
max. Earth dist.	-5342 Sep 12 j 15:13	11°♌34'28	1.44646 AU
desc. node	-5342 Sep 15 j 03:22	15°♌31'46	
	-5342 Sep 24 j 08:53	0°♍	
evening rise	-5342 Sep 26 j 11:50	3°♍19'01	
greatest brilliancy	-5342 Oct 11 j 15:47	26°♍39'13	-0.7m
	-5342 Oct 13 j 23:32	0°♎	
evening max el	-5342 Oct 20 j 12:43	8°♎12'14	19°32'24
retrograde	-5342 Oct 27 j 19:04	12°♎24'30	
asc. node	-5342 Oct 29 j 16:41	12°♎03'32	
evening set	-5342 Oct 31 j 03:01	11°♎19'48	
inferior conj	-5342 Nov 05 j 18:49	5°♎21'41	2°15'14
minimum elong	-5342 Nov 05 j 16:01	5°♎30'44	2°14'16
min. Earth dist.	-5342 Nov 06 j 22:31	3°♎52'07	0.66113 AU
	-5342 Nov 10 j 05:56	30°℞♍	
morning rise	-5342 Nov 11 j 04:15	29°♍07'25	
direct	-5342 Nov 17 j 06:36	26°♍28'57	
	-5342 Nov 25 j 10:06	0°♎	
morning max el	-5342 Nov 29 j 14:28	3°♎44'27	25°51'59
desc. node	-5342 Dec 12 j 03:45	18°♎58'18	
	-5342 Dec 19 j 17:52	0°♏	
morning set	-5341 Jan 04 j 18:49	26°♏55'24	
	-5341 Jan 06 j 10:37	0°♐	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-5341 Jan 08 j 17:44	4°♐21'18	1.35923 AU	
superior conj	-5341 Jan 14 j 02:01	14°♐53'09	-1°-35'-37	
minimum elong	-5341 Jan 14 j 04:50	15°♐07'20	1°35'40	
	-5341 Jan 21 j 11:19	0°♑		
evening rise	-5341 Jan 22 j 00:18	1°♑06'13		
asc. node	-5341 Jan 25 j 15:26	8°♑21'33		
	-5341 Feb 08 j 21:07	0°♒		
evening max el	-5341 Feb 09 j 02:48	0°♒13'38	20°09'33	
retrograde	-5341 Feb 19 j 09:56	5°♒05'48		
evening set	-5341 Feb 21 j 19:07	4°♒51'20		
inferior conj	-5341 Mar 02 j 13:23	0°♒51'53	1°59'34	
minimum elong	-5341 Mar 02 j 18:01	0°♒44'55	1°57'53	
	-5341 Mar 03 j 23:51	30°℞♑		
min. Earth dist.	-5341 Mar 04 j 12:13	29°♑41'35	0.55728 AU	
desc. node	-5341 Mar 10 j 03:09	26°♑52'38		
morning rise	-5341 Mar 11 j 14:16	26°♑24'19		
direct	-5341 Mar 15 j 10:19	25°♑52'01		
	-5341 Mar 26 j 00:20	0°♒		
morning max el	-5341 Mar 29 j 02:13	2°♒38'24	23°40'11	
	-5341 Apr 16 j 19:42	0°♓		
morning set	-5341 Apr 21 j 22:15	10°♓17'13		
asc. node	-5341 Apr 23 j 15:07	13°♓52'55		
superior conj	-5341 Apr 29 j 01:35	25°♓33'14	0°53'18	
minimum elong	-5341 Apr 28 j 23:26	25°♓21'40	0°52'51	
max. Earth dist.	-5341 May 01 j 03:11	29°♓57'44	1.33633 AU	
	-5341 May 01 j 03:37	0°♈		
evening rise	-5341 May 06 j 15:27	11°♈20'23		
	-5341 May 16 j 16:03	0°♉		
desc. node	-5341 Jun 06 j 01:21	29°♉04'42		
	-5341 Jun 06 j 21:51	0°♊		
evening max el	-5341 Jun 09 j 04:24	2°♊18'06	27°24'52	
retrograde	-5341 Jun 22 j 20:06	9°♊43'35		
evening set	-5341 Jun 29 j 22:50	7°♊03'37		
min. Earth dist.	-5341 Jul 03 j 13:57	3°♊48'47	0.63690 AU	
inferior conj	-5341 Jul 06 j 03:45	1°♊07'57	-3°-45'-22	
minimum elong	-5341 Jul 06 j 06:51	0°♊59'49	3°44'35	
	-5341 Jul 07 j 06:05	30°℞♉		
morning rise	-5341 Jul 12 j 16:41	25°♉47'35		
direct	-5341 Jul 15 j 08:28	25°♉12'26		
asc. node	-5341 Jul 20 j 14:57	27°♉28'42		
morning max el	-5341 Jul 21 j 20:57	28°♉37'20	18°00'27	
	-5341 Jul 23 j 03:51	0°♊		
morning set	-5341 Aug 08 j 00:18	25°♊02'40		
	-5341 Aug 10 j 21:13	0°♋		
superior conj	-5341 Aug 20 j 14:37	16°♋22'30	1°12'43	
minimum elong	-5341 Aug 20 j 20:39	16°♋47'18	1°12'23	
max. Earth dist.	-5341 Aug 26 j 07:27	25°♋37'55	1.43869 AU	
	-5341 Aug 29 j 01:12	0°♌		
desc. node	-5341 Sep 02 j 00:17	6°♌14'19		
evening rise	-5341 Sep 05 j 18:03	12°♌03'15		
	-5341 Sep 17 j 13:19	0°♍		
greatest brilliancy	-5341 Sep 27 j 09:46	14°♍06'06	-0.5m	
evening max el	-5341 Oct 03 j 15:48	21°♍38'27	20°32'23	
retrograde	-5341 Oct 11 j 16:10	26°♍21'37		
evening set	-5341 Oct 15 j 09:59	25°♍00'57		
asc. node	-5341 Oct 16 j 13:52	24°♍03'12		
inferior conj	-5341 Oct 20 j 21:31	18°♍52'13	1°25'58	
minimum elong	-5341 Oct 20 j 19:37	18°♍58'39	1°25'18	
min. Earth dist.	-5341 Oct 21 j 13:25	17°♍58'32	0.66837 AU	
morning rise	-5341 Oct 26 j 04:45	12°♍34'37		
direct	-5341 Oct 31 j 15:57	10°♍13'46		
morning max el	-5341 Nov 11 j 23:19	16°♍57'50	24°32'41	
	-5341 Nov 22 j 20:15	0°♎		
desc. node	-5341 Nov 29 j 00:37	8°♎38'40		
	-5341 Dec 12 j 18:08	0°♏		
morning set	-5341 Dec 17 j 20:26	8°♏41'08		
max. Earth dist.	-5341 Dec 21 j 16:30	15°♏31'15	1.37771 AU	
superior conj	-5341 Dec 28 j 10:57	28°♏13'09	-1°-47'-57	
minimum elong	-5341 Dec 28 j 12:47	28°♏21'58	1°48'08	
	-5341 Dec 29 j 09:00	0°♐		
evening rise	-5340 Jan 06 j 01:02	15°♐10'38		
asc. node	-5340 Jan 12 j 12:31	27°♐34'16		
	-5340 Jan 13 j 21:38	0°♑		
evening max el	-5340 Jan 22 j 20:33	12°♑16'24	19°09'49	
retrograde	-5340 Jan 31 j 14:38	16°♑27'00		
evening set	-5340 Feb 03 j 00:25	16°♑09'25		
inferior conj	-5340 Feb 11 j 02:46	11°♑56'28	3°18'02	
minimum elong	-5340 Feb 11 j 07:33	11°♑48'14	3°16'46	
min. Earth dist.	-5340 Feb 14 j 02:58	9°♑53'22	0.57029 AU	
morning rise	-5340 Feb 19 j 11:05	6°♑59'54		
direct	-5340 Feb 24 j 13:16	5°♑59'33		
desc. node	-5340 Feb 25 j 00:16	6°♑00'03		
morning max el	-5340 Mar 09 j 17:06	13°♑14'46	25°16'21	
	-5340 Mar 22 j 18:49	0°♒		
morning set	-5340 Apr 05 j 10:34	25°♒20'58		
	-5340 Apr 07 j 15:08	0°♓		
asc. node	-5340 Apr 09 j 12:05	4°♓02'28		
superior conj	-5340 Apr 12 j 11:37	10°♓31'33	0°30'21	
minimum elong	-5340 Apr 12 j 10:19	10°♓24'30	0°29'58	
max. Earth dist.	-5340 Apr 13 j 12:40	12°♓47'34	1.32977 AU	
evening rise	-5340 Apr 19 j 17:36	25°♓56'00		
	-5340 Apr 21 j 17:53	0°♈		
	-5340 May 09 j 04:54	0°♉		
evening max el	-5340 May 21 j 11:47	14°♉54'25	27°15'03	
desc. node	-5340 May 22 j 22:34	16°♉14'43		
retrograde	-5340 Jun 04 j 09:43	22°♉18'56		
evening set	-5340 Jun 11 j 09:40	20°♉00'07		
min. Earth dist.	-5340 Jun 15 j 00:55	17°♉09'28	0.61880 AU	
inferior conj	-5340 Jun 18 j 03:23	14°♉17'43	-4°-6'-26	
minimum elong	-5340 Jun 18 j 05:00	14°♉13'58	4°06'09	
morning rise	-5340 Jun 25 j 02:59	9°♉17'53		
direct	-5340 Jun 27 j 16:06	8°♉49'38		
morning max el	-5340 Jul 04 j 11:06	12°♉14'03	17°59'16	
asc. node	-5340 Jul 06 j 11:59	14°♉27'41		
	-5340 Jul 16 j 10:05	0°♊		
morning set	-5340 Jul 20 j 15:35	7°♊37'22		
superior conj	-5340 Jul 31 j 12:44	26°♊59'26	1°37'45	
minimum elong	-5340 Jul 31 j 16:52	27°♊17'16	1°37'46	
	-5340 Aug 02 j 06:50	0°♋		
max. Earth dist.	-5340 Aug 07 j 18:50	9°♋12'38	1.42494 AU	
evening rise	-5340 Aug 14 j 23:33	20°♋47'29		
desc. node	-5340 Aug 18 j 21:17	26°♋52'53		
	-5340 Aug 20 j 22:02	0°♌		
greatest brilliancy	-5340 Sep 10 j 14:01	29°♌24'23	-0.4m	
	-5340 Sep 11 j 01:32	0°♍		
evening max el	-5340 Sep 15 j 12:29	5°♍03'10	21°44'12	
retrograde	-5340 Sep 24 j 12:21	10°♍23'32		
evening set	-5340 Sep 28 j 18:10	8°♍44'27		
asc. node	-5340 Oct 02 j 11:02	4°♍44'14		
inferior conj	-5340 Oct 04 j 03:04	2°♍28'35	0°33'54	
minimum elong	-5340 Oct 04 j 02:17	2°♍31'16	0°33'44	
min. Earth dist.	-5340 Oct 04 j 08:19	2°♍10'27	0.67251 AU	
	-5340 Oct 05 j 22:52	30°℞♌		
morning rise	-5340 Oct 09 j 10:09	26°♌10'32		
direct	-5340 Oct 14 j 06:04	24°♌10'28		
	-5340 Oct 24 j 03:51	0°♍		
morning max el	-5340 Oct 24 j 09:26	0°♍14'04	23°06'50	
greatest brilliancy	-5340 Oct 29 j 11:26	5°♍57'51	-0.3m	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-5340 Nov 14 j 21:29	28°♍42'32	
	-5340 Nov 15 j 18:02	0°♎	
morning set	-5340 Nov 27 j 20:06	19°♎08'10	
max. Earth dist.	-5340 Dec 02 j 12:57	27°♎05'17	1.39814 AU
	-5340 Dec 04 j 05:11	0°♏	
superior conj	-5340 Dec 10 j 04:45	10°♏44'07	-1°-52'00
minimum elong	-5340 Dec 10 j 04:22	10°♏42'22	1°52'11
evening rise	-5340 Dec 19 j 17:28	28°♏45'17	
	-5340 Dec 20 j 09:05	0°♐	
asc. node	-5340 Dec 29 j 09:38	16°♐15'25	
evening max el	-5339 Jan 04 j 23:08	24°♐50'23	18°30'04
retrograde	-5339 Jan 12 j 13:37	28°♐33'50	
evening set	-5339 Jan 15 j 01:17	28°♐11'14	
inferior conj	-5339 Jan 22 j 12:13	23°♐38'16	3°58'18
minimum elong	-5339 Jan 22 j 14:23	23°♐33'57	3°57'49
min. Earth dist.	-5339 Jan 25 j 20:51	20°♐58'36	0.58834 AU
morning rise	-5339 Jan 30 j 00:04	18°♐16'46	
direct	-5339 Feb 05 j 05:09	16°♐37'56	
desc. node	-5339 Feb 10 j 21:22	17°♐56'47	
morning max el	-5339 Feb 19 j 10:46	24°♐08'44	26°35'50
	-5339 Feb 24 j 19:02	0°♑	
	-5339 Mar 15 j 18:10	0°♒	
morning set	-5339 Mar 20 j 21:36	10°♒20'44	
asc. node	-5339 Mar 27 j 09:02	24°♒16'22	
superior conj	-5339 Mar 27 j 23:13	25°♒34'00	0°06'08
minimum elong	-5339 Mar 27 j 22:58	25°♒32'34	0°05'53
behind sun begin	-5339 Mar 27 j 18:18	25°♒07'04	
behind sun end	-5339 Mar 28 j 03:37	25°♒58'04	
max. Earth dist.	-5339 Mar 28 j 01:45	25°♒47'51	1.32658 AU
	-5339 Mar 29 j 23:56	0°♓	
evening rise	-5339 Apr 04 j 00:56	10°♓46'33	
	-5339 Apr 14 j 00:52	0°♈	
evening max el	-5339 May 03 j 13:44	26°♈50'57	26°32'34
	-5339 May 07 j 05:41	0°♉	
desc. node	-5339 May 09 j 19:49	1°♉45'26	
retrograde	-5339 May 17 j 15:46	4°♉11'55	
evening set	-5339 May 24 j 01:27	2°♉26'43	
	-5339 May 27 j 18:44	30°℞♈	
min. Earth dist.	-5339 May 28 j 02:54	29°♈44'24	0.59863 AU
inferior conj	-5339 May 31 j 12:01	27°♈01'17	-4°-7'-53
minimum elong	-5339 May 31 j 10:55	27°♈03'31	4°07'45
morning rise	-5339 Jun 07 j 23:59	22°♈23'16	
direct	-5339 Jun 10 j 11:26	22°♈00'36	
morning max el	-5339 Jun 17 j 22:05	25°♈36'05	18°17'14
	-5339 Jun 21 j 16:58	0°♉	
asc. node	-5339 Jun 23 j 08:58	2°♉22'45	
morning set	-5339 Jul 03 j 22:19	20°♉57'57	
	-5339 Jul 08 j 17:07	0°♊	
superior conj	-5339 Jul 13 j 12:23	8°♊52'42	1°48'34
minimum elong	-5339 Jul 13 j 13:35	8°♊58'08	1°48'50
max. Earth dist.	-5339 Jul 20 j 23:53	22°♊04'03	1.40715 AU
evening rise	-5339 Jul 25 j 23:27	0°♋24'21	
	-5339 Jul 25 j 17:30	0°♋	
desc. node	-5339 Aug 05 j 18:20	17°♋23'09	
	-5339 Aug 14 j 09:34	0°♌	
greatest brilliancy	-5339 Aug 23 j 21:11	12°♌33'23	-0.3m
evening max el	-5339 Aug 29 j 03:23	18°♌27'19	23°03'38
retrograde	-5339 Sep 08 j 06:04	24°♌27'05	
evening set	-5339 Sep 13 j 01:43	22°♌28'07	
inferior conj	-5339 Sep 18 j 09:36	16°♌08'41	0°-19'-8
minimum elong	-5339 Sep 18 j 10:03	16°♌07'11	0°18'45
min. Earth dist.	-5339 Sep 18 j 04:42	16°♌25'37	0.67366 AU
asc. node	-5339 Sep 19 j 08:11	14°♌51'20	
morning rise	-5339 Sep 23 j 18:21	9°♌53'26	
direct	-5339 Sep 28 j 00:10	8°♌14'15	
morning max el	-5339 Oct 06 j 23:43	13°♌34'32	21°43'09
greatest brilliancy	-5339 Oct 12 j 00:37	19°♌21'48	-0.4m
	-5339 Oct 19 j 22:05	0°♍	
desc. node	-5339 Nov 01 j 18:21	19°♍03'02	
morning set	-5339 Nov 07 j 15:38	28°♍14'51	
	-5339 Nov 08 j 18:03	0°♎	
max. Earth dist.	-5339 Nov 14 j 13:45	9°♎27'42	1.41781 AU
superior conj	-5339 Nov 22 j 01:57	22°♎12'38	-1°-44'-23
minimum elong	-5339 Nov 21 j 22:19	21°♎56'48	1°44'17
	-5339 Nov 26 j 11:42	0°♏	
evening rise	-5339 Dec 02 j 22:15	11°♏42'44	
	-5339 Dec 13 j 08:24	0°♐	
asc. node	-5339 Dec 16 j 06:46	4°♐15'03	
evening max el	-5339 Dec 19 j 08:01	7°♐48'12	18°10'24
retrograde	-5339 Dec 26 j 05:25	11°♐18'39	
evening set	-5339 Dec 28 j 19:19	10°♐49'46	
inferior conj	-5338 Jan 04 j 17:00	5°♐54'56	4°06'27
minimum elong	-5338 Jan 04 j 16:18	5°♐56'32	4°06'09
min. Earth dist.	-5338 Jan 07 j 20:44	3°♐01'44	0.60814 AU
morning rise	-5338 Jan 11 j 10:39	0°♐15'28	
	-5338 Jan 11 j 20:30	30°℞♏	
direct	-5338 Jan 18 j 08:07	28°♏00'01	
	-5338 Jan 25 j 04:25	0°♐	
desc. node	-5338 Jan 28 j 18:24	2°♐24'40	
morning max el	-5338 Feb 01 j 10:19	5°♐38'24	27°26'04
	-5338 Feb 19 j 16:40	0°♑	
morning set	-5338 Mar 05 j 05:33	25°♑09'41	
	-5338 Mar 07 j 13:06	0°♒	
max. Earth dist.	-5338 Mar 11 j 14:47	8°♒45'37	1.32677 AU
superior conj	-5338 Mar 12 j 10:46	10°♒34'32	0°-18'-33
minimum elong	-5338 Mar 12 j 11:36	10°♒39'03	0°18'37
asc. node	-5338 Mar 14 j 06:01	14°♒30'36	
evening rise	-5338 Mar 19 j 11:20	25°♒44'29	
	-5338 Mar 21 j 12:41	0°♓	
	-5338 Apr 08 j 06:19	0°♈	
evening max el	-5338 Apr 15 j 09:49	8°♈08'08	25°21'33
desc. node	-5338 Apr 26 j 17:00	15°♈01'03	
retrograde	-5338 Apr 29 j 11:50	15°♈19'22	
evening set	-5338 May 04 j 20:00	14°♈12'27	
min. Earth dist.	-5338 May 09 j 22:27	11°♈21'54	0.57890 AU
inferior conj	-5338 May 13 j 02:12	9°♈09'59	-3°-40'-41
minimum elong	-5338 May 12 j 21:58	9°♈17'25	3°40'00
morning rise	-5338 May 21 j 04:07	4°♈52'29	
direct	-5338 May 23 j 14:27	4°♈34'18	
morning max el	-5338 Jun 01 j 02:56	8°♈34'23	18°55'08
asc. node	-5338 Jun 10 j 05:57	21°♈01'12	
	-5338 Jun 15 j 03:40	0°♉	
morning set	-5338 Jun 17 j 16:20	4°♉54'22	
superior conj	-5338 Jun 26 j 07:59	21°♉47'07	1°48'06
minimum elong	-5338 Jun 26 j 06:54	21°♉41'54	1°48'18
	-5338 Jun 30 j 17:14	0°♊	
max. Earth dist.	-5338 Jul 03 j 01:13	4°♊14'01	1.38787 AU
evening rise	-5338 Jul 07 j 01:50	11°♊18'52	
	-5338 Jul 18 j 12:57	0°♋	
desc. node	-5338 Jul 23 j 15:24	7°♋40'17	
	-5338 Aug 09 j 18:52	0°♌	
evening max el	-5338 Aug 11 j 14:48	1°♌53'40	24°24'25
retrograde	-5338 Aug 22 j 20:08	8°♌28'52	
evening set	-5338 Aug 28 j 06:49	6°♌10'14	
min. Earth dist.	-5338 Sep 02 j 00:02	0°♌42'26	0.67185 AU
inferior conj	-5338 Sep 02 j 15:24	29°♋50'39	-1°-11'-36
minimum elong	-5338 Sep 02 j 17:02	29°♋45'11	1°10'42
	-5338 Sep 02 j 12:38	30°℞♋	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5338 Sep 06 j 05:19	25°♋24'15	
morning rise	-5338 Sep 08 j 03:28	23°♋41'37	
direct	-5338 Sep 11 j 21:04	22°♋21'34	
morning max el	-5338 Sep 19 j 20:29	27°♋01'58	20°28'10
	-5338 Sep 22 j 12:25	0°♌	
greatest brilliancy	-5338 Sep 26 j 08:48	4°♌54'31	-0.5m
	-5338 Oct 13 j 10:37	0°♍	
morning set	-5338 Oct 17 j 16:15	6°♍31'53	
desc. node	-5338 Oct 19 j 15:12	9°♍34'35	
max. Earth dist.	-5338 Oct 27 j 21:59	22°♍41'42	1.43395 AU
	-5338 Nov 01 j 09:49	0°♎	
superior conj	-5338 Nov 02 j 21:02	2°♎25'13	-1°-21'-45
minimum elong	-5338 Nov 02 j 14:43	1°♎59'05	1°21'09
evening rise	-5338 Nov 15 j 11:08	23°♎53'32	
	-5338 Nov 18 j 23:03	0°♏	
evening max el	-5338 Dec 02 j 20:13	21°♏01'01	18°10'09
asc. node	-5338 Dec 03 j 03:54	21°♏20'02	
retrograde	-5338 Dec 09 j 10:11	24°♏30'49	
evening set	-5338 Dec 12 j 02:58	23°♏54'28	
inferior conj	-5338 Dec 18 j 13:42	18°♏38'17	3°51'42
minimum elong	-5338 Dec 18 j 11:09	18°♏44'54	3°51'08
min. Earth dist.	-5338 Dec 21 j 05:11	15°♏53'30	0.62691 AU
morning rise	-5338 Dec 24 j 17:29	12°♏45'29	
direct	-5338 Dec 31 j 19:30	10°♏05'33	
morning max el	-5337 Jan 14 j 15:29	17°♏46'44	27°40'57
desc. node	-5337 Jan 15 j 15:24	18°♏46'45	
	-5337 Jan 24 j 22:57	0°♐	
	-5337 Feb 12 j 09:37	0°♑	
morning set	-5337 Feb 17 j 08:09	9°♑38'51	
max. Earth dist.	-5337 Feb 22 j 23:54	21°♑26'13	1.33051 AU
superior conj	-5337 Feb 24 j 20:31	25°♑25'57	0°-42'-48
minimum elong	-5337 Feb 24 j 22:21	25°♑35'53	0°42'45
	-5337 Feb 26 j 23:10	0°♒	
asc. node	-5337 Mar 01 j 03:00	4°♒40'08	
evening rise	-5337 Mar 03 j 22:54	10°♒41'53	
	-5337 Mar 13 j 23:30	0°♓	
evening max el	-5337 Mar 28 j 02:18	18°♓58'02	23°52'12
retrograde	-5337 Apr 10 j 19:22	25°♓47'36	
desc. node	-5337 Apr 13 j 14:11	25°♓30'19	
evening set	-5337 Apr 14 j 20:39	25°♓11'21	
min. Earth dist.	-5337 Apr 21 j 14:10	22°♓00'11	0.56279 AU
inferior conj	-5337 Apr 23 j 20:19	20°♓37'24	-2°-36'-19
minimum elong	-5337 Apr 23 j 14:52	20°♓45'47	2°34'55
morning rise	-5337 May 02 j 12:44	16°♓35'19	
direct	-5337 May 04 j 22:59	16°♓20'04	
morning max el	-5337 May 14 j 22:55	20°♓59'21	19°53'24
	-5337 May 22 j 04:45	0°♈	
asc. node	-5337 May 28 j 02:55	10°♈12'32	
morning set	-5337 Jun 01 j 18:23	19°♈18'20	
	-5337 Jun 07 j 00:55	0°♉	
superior conj	-5337 Jun 09 j 18:14	5°♉28'06	1°39'17
minimum elong	-5337 Jun 09 j 15:52	5°♉16'18	1°39'15
max. Earth dist.	-5337 Jun 15 j 04:34	16°♉01'53	1.36948 AU
evening rise	-5337 Jun 19 j 04:45	23°♉27'20	
	-5337 Jun 22 j 21:18	0°♊	
desc. node	-5337 Jul 10 j 12:29	27°♊38'18	
	-5337 Jul 12 j 05:27	0°♋	
evening max el	-5337 Jul 25 j 01:20	15°♋23'10	25°38'48
retrograde	-5337 Aug 06 j 05:46	22°♋25'03	
evening set	-5337 Aug 12 j 07:34	19°♋49'33	
min. Earth dist.	-5337 Aug 16 j 15:51	14°♋59'30	0.66682 AU
inferior conj	-5337 Aug 17 j 18:43	13°♋32'59	-2°-1'-46
minimum elong	-5337 Aug 17 j 21:22	13°♋24'26	2°00'30
morning rise	-5337 Aug 23 j 11:44	7°♋33'35	
asc. node	-5337 Aug 24 j 02:25	7°♋12'14	
direct	-5337 Aug 26 j 19:14	6°♋29'59	
morning max el	-5337 Sep 03 j 00:23	10°♋38'01	19°26'08
greatest brilliancy	-5337 Sep 12 j 14:54	23°♋12'04	-0.7m
	-5337 Sep 17 j 02:58	0°♌	
morning set	-5337 Sep 26 j 19:55	15°♌04'11	
	-5337 Oct 06 j 08:38	0°♍	
desc. node	-5337 Oct 06 j 12:05	0°♍13'33	
max. Earth dist.	-5337 Oct 10 j 12:45	6°♍35'03	1.44435 AU
superior conj	-5337 Oct 13 j 13:02	11°♍22'19	0°-43'-15
minimum elong	-5337 Oct 13 j 07:57	11°♍02'00	0°42'32
	-5337 Oct 25 j 00:51	0°♎	
evening rise	-5337 Oct 28 j 03:23	5°♎08'27	
	-5337 Nov 12 j 17:37	0°♏	
evening max el	-5337 Nov 16 j 08:57	4°♏22'49	18°28'29
asc. node	-5337 Nov 20 j 01:03	7°♏15'51	
retrograde	-5337 Nov 22 j 23:44	8°♏02'25	
evening set	-5337 Nov 25 j 20:49	7°♏16'54	
inferior conj	-5337 Dec 01 j 22:43	1°♏41'46	3°21'39
minimum elong	-5337 Dec 01 j 19:27	1°♏51'12	3°20'45
	-5337 Dec 03 j 09:52	30°℞♎	
min. Earth dist.	-5337 Dec 03 j 23:41	29°♎20'35	0.64290 AU
morning rise	-5337 Dec 07 j 16:46	25°♎38'25	
direct	-5337 Dec 14 j 13:50	22°♎49'14	
	-5337 Dec 27 j 12:47	0°♏	
morning max el	-5337 Dec 28 j 00:22	0°♏28'17	27°20'49
desc. node	-5336 Jan 02 j 12:22	6°♏31'07	
	-5336 Jan 18 j 22:41	0°♐	
morning set	-5336 Feb 01 j 02:38	23°♐39'14	
	-5336 Feb 04 j 06:52	0°♑	
max. Earth dist.	-5336 Feb 06 j 01:24	3°♑38'14	1.33823 AU
superior conj	-5336 Feb 09 j 02:38	10°♑02'01	-1°-5'-40
minimum elong	-5336 Feb 09 j 05:15	10°♑15'51	1°05'33
asc. node	-5336 Feb 16 j 00:00	24°♑40'43	
evening rise	-5336 Feb 16 j 09:53	25°♑32'31	
	-5336 Feb 18 j 13:45	0°♒	
evening max el	-5336 Mar 08 j 20:27	29°♒44'49	22°18'16
	-5336 Mar 09 j 02:54	0°♓	
retrograde	-5336 Mar 21 j 14:53	5°♓56'32	
evening set	-5336 Mar 24 j 14:35	5°♓36'52	
desc. node	-5336 Mar 30 j 11:23	3°♓21'29	
min. Earth dist.	-5336 Apr 02 j 04:24	1°♓52'32	0.55353 AU
inferior conj	-5336 Apr 02 j 21:48	1°♓27'52	0°-56'-1
minimum elong	-5336 Apr 02 j 19:16	1°♓31'28	0°55'21
	-5336 Apr 05 j 13:17	30°℞♒	
morning rise	-5336 Apr 12 j 01:37	27°♒29'22	
direct	-5336 Apr 14 j 15:58	27°♒13'58	
	-5336 Apr 22 j 22:38	0°♓	
morning max el	-5336 Apr 26 j 08:17	2°♓44'03	21°10'55
asc. node	-5336 May 13 j 23:51	29°♓48'09	
	-5336 May 14 j 02:13	0°♈	
morning set	-5336 May 16 j 01:51	4°♈02'05	
superior conj	-5336 May 23 j 14:51	19°♈42'52	1°24'31
minimum elong	-5336 May 23 j 12:05	19°♈28'38	1°24'15
max. Earth dist.	-5336 May 27 j 15:21	27°♈52'44	1.35377 AU
	-5336 May 28 j 17:03	0°♉	
evening rise	-5336 Jun 01 j 02:49	6°♉35'02	
	-5336 Jun 14 j 14:18	0°♊	
desc. node	-5336 Jun 26 j 09:37	17°♊08'26	
evening max el	-5336 Jul 06 j 12:14	28°♊50'44	26°38'33
	-5336 Jul 07 j 17:31	0°♋	
retrograde	-5336 Jul 19 j 10:34	6°♋09'07	
evening set	-5336 Jul 26 j 01:41	3°♋23'05	
	-5336 Jul 29 j 09:33	30°℞♊	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

min. Earth dist.	-5336 Jul 30 j 01:49	29°♊12'15	0.65822 AU	
inferior conj	-5336 Jul 31 j 17:34	27°♊12'22	-2°-47'-44	
minimum elong	-5336 Jul 31 j 20:55	27°♊02'17	2°46'25	
morning rise	-5336 Aug 06 j 17:06	21°♊25'52		
direct	-5336 Aug 09 j 16:44	20°♊35'39		
asc. node	-5336 Aug 09 j 23:30	20°♊36'06		
morning max el	-5336 Aug 16 j 10:11	24°♊20'09	18°39'25	
	-5336 Aug 21 j 01:42	0°♋		
morning set	-5336 Sep 05 j 21:09	24°♋40'37		
	-5336 Sep 09 j 04:35	0°♌		
superior conj	-5336 Sep 21 j 12:52	19°♌36'51	0°05'16	
minimum elong	-5336 Sep 21 j 13:35	19°♌39'40	0°05'24	
behind sun begin	-5336 Sep 21 j 02:44	18°♌56'51		
behind sun end	-5336 Sep 22 j 00:26	20°♌22'28		
desc. node	-5336 Sep 22 j 08:57	20°♌56'01		
max. Earth dist.	-5336 Sep 22 j 06:27	20°♌46'08	1.44776 AU	
	-5336 Sep 28 j 02:57	0°♍		
evening rise	-5336 Oct 07 j 18:48	15°♍17'50		
	-5336 Oct 17 j 01:12	0°♎		
evening max el	-5336 Oct 29 j 19:33	17°♎48'11	19°04'24	
retrograde	-5336 Nov 05 j 18:26	21°♎46'33		
asc. node	-5336 Nov 05 j 22:13	21°♎46'25		
evening set	-5336 Nov 08 j 21:44	20°♎49'42		
inferior conj	-5336 Nov 14 j 16:41	14°♎58'50	2°41'31	
minimum elong	-5336 Nov 14 j 13:33	15°♎08'38	2°40'29	
min. Earth dist.	-5336 Nov 16 j 03:43	13°♎09'20	0.65542 AU	
morning rise	-5336 Nov 20 j 04:25	8°♎47'33		
direct	-5336 Nov 26 j 14:31	6°♎02'18		
morning max el	-5336 Dec 09 j 10:15	13°♎30'39	26°31'01	
desc. node	-5336 Dec 19 j 09:19	25°♎13'09		
	-5336 Dec 22 j 21:20	0°♏		
	-5335 Jan 10 j 14:21	0°♐		
morning set	-5335 Jan 14 j 09:22	6°♐59'29		
max. Earth dist.	-5335 Jan 18 j 15:58	15°♐15'22	1.35024 AU	
superior conj	-5335 Jan 23 j 02:56	24°♐15'48	-1°-25'-51	
minimum elong	-5335 Jan 23 j 05:53	24°♐30'55	1°25'49	
	-5335 Jan 25 j 21:20	0°♑		
evening rise	-5335 Jan 30 j 18:33	10°♑10'23		
asc. node	-5335 Feb 01 j 21:02	14°♑27'41		
	-5335 Feb 10 j 09:13	0°♒		
evening max el	-5335 Feb 18 j 22:06	10°♒53'46	20°52'17	
retrograde	-5335 Mar 02 j 04:57	16°♒15'34		
evening set	-5335 Mar 04 j 15:49	16°♒01'19		
inferior conj	-5335 Mar 13 j 17:33	12°♒03'13	0°59'07	
minimum elong	-5335 Mar 13 j 20:09	11°♒59'28	0°58'00	
min. Earth dist.	-5335 Mar 14 j 18:41	11°♒27'05	0.55319 AU	
desc. node	-5335 Mar 17 j 08:34	10°♒01'48		
morning rise	-5335 Mar 22 j 23:12	7°♒50'11		
direct	-5335 Mar 26 j 04:19	7°♒27'40		
morning max el	-5335 Apr 08 j 07:24	13°♒49'58	22°43'29	
	-5335 Apr 20 j 13:23	0°♓		
morning set	-5335 Apr 30 j 12:40	18°♓59'09		
asc. node	-5335 Apr 30 j 20:48	19°♓41'35		
	-5335 May 05 j 17:25	0°♈		
superior conj	-5335 May 07 j 18:37	4°♈21'41	1°05'35	
minimum elong	-5335 May 07 j 16:07	4°♈08'24	1°05'10	
max. Earth dist.	-5335 May 10 j 12:03	10°♈05'17	1.34161 AU	
evening rise	-5335 May 15 j 14:58	20°♈27'30		
	-5335 May 20 j 15:32	0°♉		
	-5335 Jun 08 j 13:08	0°♊		
desc. node	-5335 Jun 13 j 06:47	5°♊59'00		
evening max el	-5335 Jun 18 j 23:18	12°♊08'16	27°15'56	
retrograde	-5335 Jul 02 j 10:12	19°♊33'53		
evening set	-5335 Jul 09 j 10:30	16°♊47'46		

min. Earth dist.	-5335 Jul 13 j 03:57	13°♊14'12	0.64579 AU	
inferior conj	-5335 Jul 15 j 09:43	10°♊45'33	-3°-27'-3	
minimum elong	-5335 Jul 15 j 13:10	10°♊36'00	3°26'00	
morning rise	-5335 Jul 21 j 17:20	5°♊14'55		
direct	-5335 Jul 24 j 11:18	4°♊35'08		
asc. node	-5335 Jul 27 j 20:35	5°♊34'41		
morning max el	-5335 Jul 30 j 23:43	8°♊04'50	18°09'30	
	-5335 Aug 14 j 18:02	0°♋		
morning set	-5335 Aug 18 j 01:24	5°♋34'28		
superior conj	-5335 Aug 31 j 19:06	28°♋14'13	0°51'26	
minimum elong	-5335 Sep 01 j 00:35	28°♋36'16	0°51'03	
	-5335 Sep 01 j 21:27	0°♌		
max. Earth dist.	-5335 Sep 04 j 23:30	4°♌55'18	1.44393 AU	
desc. node	-5335 Sep 09 j 05:52	11°♌39'26		
evening rise	-5335 Sep 17 j 10:11	24°♌25'01		
	-5335 Sep 21 j 00:49	0°♍		
greatest brilliancy	-5335 Oct 05 j 13:21	21°♍47'53	-0.6m	
	-5335 Oct 11 j 22:12	0°♎		
evening max el	-5335 Oct 13 j 01:50	1°♎14'26	19°56'17	
retrograde	-5335 Oct 20 j 15:20	5°♎39'29		
asc. node	-5335 Oct 23 j 19:25	4°♎40'58		
evening set	-5335 Oct 24 j 03:07	4°♎28'29		
	-5335 Oct 28 j 11:54	30°℞♍		
inferior conj	-5335 Oct 29 j 16:53	28°♍25'23	1°54'50	
minimum elong	-5335 Oct 29 j 14:25	28°♍33'30	1°53'57	
min. Earth dist.	-5335 Oct 30 j 15:26	27°♍10'49	0.66454 AU	
morning rise	-5335 Nov 04 j 01:04	22°♍09'03		
direct	-5335 Nov 09 j 21:00	19°♍37'20		
morning max el	-5335 Nov 21 j 19:22	26°♍41'49	25°19'39	
	-5335 Nov 24 j 21:31	0°♎		
desc. node	-5335 Dec 06 j 06:12	14°♎35'46		
	-5335 Dec 16 j 12:14	0°♏		
morning set	-5335 Dec 27 j 23:20	19°♏24'36		
max. Earth dist.	-5335 Dec 31 j 19:00	26°♏25'40	1.36659 AU	
	-5334 Jan 02 j 16:18	0°♐		
superior conj	-5334 Jan 06 j 18:32	7°♐58'23	-1°-41'-41	
minimum elong	-5334 Jan 06 j 21:04	8°♐10'55	1°41'48	
evening rise	-5334 Jan 14 j 22:51	24°♐28'41		
	-5334 Jan 17 j 17:22	0°♑		
asc. node	-5334 Jan 19 j 18:06	3°♑54'53		
evening max el	-5334 Feb 01 j 10:05	22°♑36'59	19°41'53	
retrograde	-5334 Feb 11 j 00:51	27°♑09'53		
evening set	-5334 Feb 13 j 09:42	26°♑54'35		
inferior conj	-5334 Feb 21 j 21:26	22°♑51'01	2°37'26	
minimum elong	-5334 Feb 22 j 02:38	22°♑42'45	2°35'46	
min. Earth dist.	-5334 Feb 24 j 09:17	21°♑16'36	0.56191 AU	
morning rise	-5334 Mar 02 j 16:12	18°♑10'43		
desc. node	-5334 Mar 04 j 05:44	17°♑45'51		
direct	-5334 Mar 07 j 00:41	17°♑28'09		
morning max el	-5334 Mar 20 j 23:32	24°♑29'44	24°22'02	
	-5334 Mar 26 j 00:12	0°♒		
	-5334 Apr 13 j 02:10	0°♓		
morning set	-5334 Apr 15 j 00:55	4°♓02'00		
asc. node	-5334 Apr 17 j 17:45	9°♓46'27		
superior conj	-5334 Apr 22 j 02:58	19°♓14'55	0°43'48	
minimum elong	-5334 Apr 22 j 01:09	19°♓05'04	0°43'22	
max. Earth dist.	-5334 Apr 23 j 17:35	22°♓42'42	1.33312 AU	
	-5334 Apr 27 j 04:19	0°♈		
evening rise	-5334 Apr 29 j 12:58	4°♈50'34		
	-5334 May 13 j 08:04	0°♉		
desc. node	-5334 May 31 j 04:00	23°♉52'18		
evening max el	-5334 Jun 01 j 08:52	25°♉03'34	27°24'40	
	-5334 Jun 07 j 13:33	0°♊		
retrograde	-5334 Jun 15 j 03:57	2°♊29'30		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening set	-5334 Jun 22 j 06:30	29°♉56'53		
	-5334 Jun 22 j 04:44	30°℞♉		
min. Earth dist.	-5334 Jun 25 j 20:48	26°♉53'42	0.62956 AU	
inferior conj	-5334 Jun 28 j 16:20	24°♉06'08	-3°-56'-14	
minimum elong	-5334 Jun 28 j 18:58	23°♉59'35	3°55'40	
morning rise	-5334 Jul 05 j 09:37	18°♉54'08		
direct	-5334 Jul 07 j 23:57	18°♉22'14		
morning max el	-5334 Jul 14 j 14:23	21°♉46'04	17°57'33	
asc. node	-5334 Jul 14 j 17:38	21°♉54'07		
	-5334 Jul 20 j 21:50	0°♊		
morning set	-5334 Jul 31 j 05:30	17°♊36'36		
	-5334 Aug 07 j 07:32	0°♋		
superior conj	-5334 Aug 12 j 01:08	8°♋02'56	1°25'12	
minimum elong	-5334 Aug 12 j 06:40	8°♋26'08	1°25'00	
max. Earth dist.	-5334 Aug 18 j 13:27	18°♋46'40	1.43347 AU	
	-5334 Aug 25 j 14:45	0°♌		
desc. node	-5334 Aug 27 j 02:50	2°♌20'49		
evening rise	-5334 Aug 27 j 13:27	3°♌02'01		
	-5334 Sep 14 j 13:46	0°♍		
greatest brilliancy	-5334 Sep 20 j 12:55	8°♍08'30	-0.5m	
evening max el	-5334 Sep 26 j 02:17	14°♍40'19	21°01'48	
retrograde	-5334 Oct 04 j 12:12	19°♍38'43		
evening set	-5334 Oct 08 j 10:48	18°♍10'42		
asc. node	-5334 Oct 10 j 16:36	16°♍03'27		
inferior conj	-5334 Oct 13 j 21:02	11°♍58'44	1°04'08	
minimum elong	-5334 Oct 13 j 19:35	12°♍03'41	1°03'39	
min. Earth dist.	-5334 Oct 14 j 08:24	11°♍19'54	0.67047 AU	
morning rise	-5334 Oct 19 j 03:57	5°♍40'28		
direct	-5334 Oct 24 j 08:41	3°♍27'57		
morning max el	-5334 Nov 04 j 04:14	9°♍55'46	23°56'22	
	-5334 Nov 20 j 01:29	0°♎		
desc. node	-5334 Nov 23 j 03:05	4°♎27'14		
	-5334 Dec 09 j 05:36	0°♏		
morning set	-5334 Dec 09 j 14:35	0°♏38'19		
max. Earth dist.	-5334 Dec 13 j 15:24	7°♏39'58	1.38625 AU	
superior conj	-5334 Dec 20 j 21:41	20°♏59'25	-1°-50'-53	
minimum elong	-5334 Dec 20 j 22:44	21°♏04'23	1°51'06	
	-5334 Dec 25 j 14:03	0°♐		
evening rise	-5334 Dec 29 j 20:25	8°♐21'08		
asc. node	-5333 Jan 06 j 15:13	22°♐55'16		
	-5333 Jan 11 j 03:56	0°♑		
evening max el	-5333 Jan 15 j 07:59	4°♑54'22	18°50'32	
retrograde	-5333 Jan 23 j 12:47	8°♑51'06		
evening set	-5333 Jan 25 j 23:30	8°♑31'27		
inferior conj	-5333 Feb 02 j 19:06	4°♑10'45	3°39'34	
minimum elong	-5333 Feb 02 j 22:57	4°♑03'42	3°38'40	
min. Earth dist.	-5333 Feb 06 j 01:00	1°♑49'32	0.57756 AU	
	-5333 Feb 08 j 21:44	30°℞♐		
morning rise	-5333 Feb 10 j 18:47	29°♐03'00		
direct	-5333 Feb 16 j 09:40	27°♐46'40		
desc. node	-5333 Feb 19 j 02:50	28°♐04'30		
	-5333 Feb 23 j 22:58	0°♑		
morning max el	-5333 Mar 02 j 14:44	5°♑09'38	25°52'54	
	-5333 Mar 20 j 16:07	0°♒		
morning set	-5333 Mar 30 j 12:54	19°♒04'34		
asc. node	-5333 Apr 04 j 14:42	29°♒58'09		
	-5333 Apr 04 j 15:02	0°♓		
superior conj	-5333 Apr 06 j 13:53	4°♓15'36	0°20'12	
minimum elong	-5333 Apr 06 j 13:00	4°♓10'50	0°19'52	
max. Earth dist.	-5333 Apr 07 j 05:04	5°♓38'28	1.32808 AU	
evening rise	-5333 Apr 13 j 17:38	19°♓33'43		
	-5333 Apr 18 j 23:41	0°♈		
	-5333 May 07 j 22:04	0°♉		
evening max el	-5333 May 14 j 14:24	7°♉24'27	27°00'52	

desc. node	-5333 May 18 j 01:13	10°♉24'07		
retrograde	-5333 May 28 j 14:22	14°♉47'04		
evening set	-5333 Jun 04 j 09:38	12°♉41'43		
min. Earth dist.	-5333 Jun 08 j 03:54	9°♉56'25	0.61041 AU	
inferior conj	-5333 Jun 11 j 10:04	7°♉06'01	-4°-9'-58	
minimum elong	-5333 Jun 11 j 10:40	7°♉04'42	4°09'49	
morning rise	-5333 Jun 18 j 14:41	2°♉14'59		
direct	-5333 Jun 21 j 03:00	1°♉49'12		
morning max el	-5333 Jun 28 j 03:27	5°♉16'56	18°04'25	
asc. node	-5333 Jul 01 j 14:38	9°♉18'24		
	-5333 Jul 13 j 20:57	0°♊		
morning set	-5333 Jul 14 j 03:57	0°♊32'21		
superior conj	-5333 Jul 24 j 10:38	19°♊13'21	1°43'55	
minimum elong	-5333 Jul 24 j 13:30	19°♊26'02	1°44'05	
	-5333 Jul 30 j 16:36	0°♋		
max. Earth dist.	-5333 Jul 31 j 22:24	2°♋04'55	1.41779 AU	
evening rise	-5333 Aug 07 j 00:58	12°♋03'37		
desc. node	-5333 Aug 13 j 23:51	22°♋56'21		
	-5333 Aug 18 j 16:09	0°♌		
greatest brilliancy	-5333 Sep 04 j 03:01	22°♌45'21	-0.3m	
evening max el	-5333 Sep 08 j 20:26	28°♌04'54	22°17'28	
	-5333 Sep 10 j 20:59	0°♍		
retrograde	-5333 Sep 18 j 07:18	3°♍41'26		
evening set	-5333 Sep 22 j 18:53	1°♍53'59		
	-5333 Sep 24 j 17:41	30°℞♌		
asc. node	-5333 Sep 27 j 13:45	26°♌22'42		
inferior conj	-5333 Sep 28 j 03:10	25°♌36'28	0°11'24	
minimum elong	-5333 Sep 28 j 02:54	25°♌37'24	0°11'29	
transit middle	-5333 Sep 28 j 02:54	25°♌37'24	0°11'29	
transit begin	-5333 Sep 28 j 00:59	25°♌44'02		
transit end	-5333 Sep 28 j 04:49	25°♌30'45		
min. Earth dist.	-5333 Sep 28 j 04:07	25°♌33'13	0.67340 AU	
morning rise	-5333 Oct 03 j 10:46	19°♌19'24		
direct	-5333 Oct 08 j 00:36	17°♌28'11		
morning max el	-5333 Oct 17 j 15:36	23°♌12'38	22°30'32	
greatest brilliancy	-5333 Oct 22 j 09:12	28°♌33'25	-0.3m	
	-5333 Oct 23 j 13:07	0°♍		
desc. node	-5333 Nov 09 j 23:56	24°♍38'45		
	-5333 Nov 13 j 11:35	0°♎		
morning set	-5333 Nov 20 j 01:54	10°♎28'49		
max. Earth dist.	-5333 Nov 25 j 13:17	19°♎33'33	1.40682 AU	
	-5333 Dec 01 j 13:53	0°♏		
superior conj	-5333 Dec 03 j 07:22	3°♏05'13	-1°-50'-25	
minimum elong	-5333 Dec 03 j 05:41	2°♏57'40	1°50'32	
evening rise	-5333 Dec 13 j 08:16	21°♏40'20		
	-5333 Dec 17 j 19:32	0°♐		
asc. node	-5333 Dec 24 j 12:20	11°♐19'38		
evening max el	-5333 Dec 29 j 13:31	17°♐38'43	18°19'15	
retrograde	-5332 Jan 05 j 19:19	21°♐14'55		
evening set	-5332 Jan 08 j 08:01	20°♐49'37		
inferior conj	-5332 Jan 15 j 12:58	16°♐07'05	4°05'07	
minimum elong	-5332 Jan 15 j 13:50	16°♐05'14	4°04'48	
min. Earth dist.	-5332 Jan 18 j 20:39	13°♐19'05	0.59676 AU	
morning rise	-5332 Jan 22 j 16:39	10°♐37'29		
direct	-5332 Jan 29 j 06:13	8°♐42'24		
desc. node	-5332 Feb 05 j 23:53	11°♐08'47		
morning max el	-5332 Feb 12 j 10:33	16°♐16'08	27°01'25	
	-5332 Feb 23 j 17:21	0°♑		
	-5332 Mar 12 j 00:01	0°♒		
morning set	-5332 Mar 13 j 22:52	4°♒00'20		
superior conj	-5332 Mar 21 j 01:38	19°♒17'34	0°-4'-20	
minimum elong	-5332 Mar 21 j 01:50	19°♒18'39	0°04'31	
behind sun begin	-5332 Mar 20 j 21:01	18°♒52'18		
behind sun end	-5332 Mar 21 j 06:39	19°♒45'01		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-5332 Mar 20 j 18:45	18°♒39'56	1.32627 AU
asc. node	-5332 Mar 21 j 11:40	20°♒12'29	
	-5332 Mar 25 j 23:51	0°♓	
evening rise	-5332 Mar 28 j 02:30	4°♓28'12	
	-5332 Apr 10 j 20:11	0°♈	
evening max el	-5332 Apr 25 j 13:53	19°♈04'00	26°05'22
desc. node	-5332 May 03 j 22:25	25°♈02'32	
retrograde	-5332 May 09 j 16:08	26°♈21'11	
evening set	-5332 May 15 j 16:27	24°♈52'18	
min. Earth dist.	-5332 May 20 j 02:35	22°♈08'35	0.59006 AU
inferior conj	-5332 May 23 j 11:16	19°♈36'13	-4°00'-29
minimum elong	-5332 May 23 j 08:47	19°♈40'56	4°00'11
morning rise	-5332 May 31 j 04:59	15°♈07'15	
direct	-5332 Jun 02 j 16:08	14°♈46'29	
morning max el	-5332 Jun 10 j 12:09	18°♈30'14	18°30'52
asc. node	-5332 Jun 17 j 11:37	27°♈33'34	
	-5332 Jun 18 j 23:11	0°♉	
morning set	-5332 Jun 26 j 15:59	14°♉10'04	
	-5332 Jul 04 j 23:04	0°♊	
superior conj	-5332 Jul 05 j 19:32	1°♊35'18	1°49'35
minimum elong	-5332 Jul 05 j 19:39	1°♊35'48	1°49'50
max. Earth dist.	-5332 Jul 13 j 01:58	14°♊40'25	1.39902 AU
evening rise	-5332 Jul 17 j 11:56	22°♊12'59	
	-5332 Jul 22 j 05:50	0°♋	
desc. node	-5332 Jul 30 j 20:55	13°♋22'08	
	-5332 Aug 11 j 15:57	0°♌	
evening max el	-5332 Aug 21 j 09:32	11°♌30'02	23°38'09
retrograde	-5332 Aug 31 j 23:32	17°♌45'18	
evening set	-5332 Sep 06 j 01:37	15°♌37'33	
inferior conj	-5332 Sep 11 j 09:36	9°♌17'39	0°-41'-36
minimum elong	-5332 Sep 11 j 10:33	9°♌14'24	0°40'57
min. Earth dist.	-5332 Sep 11 j 00:14	9°♌49'41	0.67334 AU
asc. node	-5332 Sep 13 j 10:53	6°♌33'46	
morning rise	-5332 Sep 16 j 19:35	3°♌04'56	
direct	-5332 Sep 20 j 19:57	1°♌34'20	
morning max el	-5332 Sep 29 j 08:33	6°♌36'30	21°09'54
greatest brilliancy	-5332 Oct 04 j 21:08	13°♌04'18	-0.5m
	-5332 Oct 16 j 22:07	0°♍	
desc. node	-5332 Oct 26 j 20:48	15°♍04'42	
morning set	-5332 Oct 29 j 11:19	19°♍08'07	
	-5332 Nov 05 j 07:05	0°♎	
max. Earth dist.	-5332 Nov 06 j 17:39	2°♎20'37	1.42532 AU
superior conj	-5332 Nov 13 j 17:56	14°♎02'05	-1°-36'-45
minimum elong	-5332 Nov 13 j 12:54	13°♎40'42	1°36'27
	-5332 Nov 22 j 21:02	0°♏	
evening rise	-5332 Nov 25 j 06:49	4°♏19'04	
asc. node	-5332 Dec 10 j 09:27	28°♏57'20	
	-5332 Dec 11 j 07:33	0°♐	
evening max el	-5332 Dec 12 j 00:02	0°♐42'53	18°07'52
retrograde	-5332 Dec 18 j 17:19	4°♐12'03	
evening set	-5332 Dec 21 j 08:13	3°♐40'12	
	-5332 Dec 26 j 13:39	30°℞♏	
inferior conj	-5332 Dec 28 j 00:56	28°♏35'46	4°02'28
minimum elong	-5332 Dec 27 j 23:18	28°♏39'44	4°02'06
min. Earth dist.	-5332 Dec 30 j 23:53	25°♏43'52	0.61636 AU
morning rise	-5331 Jan 03 j 12:06	22°♏49'57	
direct	-5331 Jan 10 j 12:37	20°♏22'32	
desc. node	-5331 Jan 22 j 20:54	26°♏29'14	
morning max el	-5331 Jan 24 j 12:51	28°♏02'47	27°37'00
	-5331 Jan 26 j 10:47	0°♐	
	-5331 Feb 16 j 09:20	0°♑	
morning set	-5331 Feb 26 j 04:49	18°♑41'41	
	-5331 Mar 03 j 13:36	0°♒	
max. Earth dist.	-5331 Mar 04 j 06:41	1°♒32'13	1.32785 AU
superior conj	-5331 Mar 05 j 12:34	4°♒14'24	0°-28'-56
minimum elong	-5331 Mar 05 j 13:50	4°♒21'21	0°28'58
asc. node	-5331 Mar 08 j 08:38	10°♒24'52	
evening rise	-5331 Mar 12 j 13:34	19°♒26'13	
	-5331 Mar 17 j 18:52	0°♓	
	-5331 Apr 07 j 05:05	0°♈	
evening max el	-5331 Apr 07 j 07:41	0°♈06'15	24°45'01
desc. node	-5331 Apr 20 j 19:36	7°♈10'20	
retrograde	-5331 Apr 21 j 07:19	7°♈10'54	
evening set	-5331 Apr 26 j 02:34	6°♈18'16	
min. Earth dist.	-5331 May 01 j 19:54	3°♈20'29	0.57134 AU
inferior conj	-5331 May 04 j 16:51	1°♈27'24	-3°-18'-14
minimum elong	-5331 May 04 j 11:41	1°♈35'55	3°17'11
	-5331 May 06 j 23:24	30°℞♓	
morning rise	-5331 May 13 j 01:04	27°♓17'54	
direct	-5331 May 15 j 11:05	27°♓01'17	
	-5331 May 23 j 02:17	0°♈	
morning max el	-5331 May 24 j 13:37	1°♈15'57	19°17'32
asc. node	-5331 Jun 04 j 08:34	16°♈27'08	
morning set	-5331 Jun 10 j 13:46	28°♈19'17	
	-5331 Jun 11 j 10:03	0°♉	
superior conj	-5331 Jun 18 j 22:01	14°♉51'51	1°45'14
minimum elong	-5331 Jun 18 j 20:16	14°♉43'18	1°45'20
max. Earth dist.	-5331 Jun 25 j 03:13	26°♉37'32	1.37978 AU
	-5331 Jun 26 j 23:47	0°♊	
evening rise	-5331 Jun 29 j 01:18	3°♊40'24	
	-5331 Jul 15 j 07:52	0°♋	
desc. node	-5331 Jul 17 j 17:59	3°♋32'15	
evening max el	-5331 Aug 03 j 20:05	24°♋57'11	24°57'11
	-5331 Aug 10 j 01:00	0°♌	
retrograde	-5331 Aug 15 j 11:55	1°♌45'38	
	-5331 Aug 20 j 08:49	30°℞♋	
evening set	-5331 Aug 21 j 05:08	29°♋19'03	
min. Earth dist.	-5331 Aug 25 j 18:22	24°♋07'04	0.67015 AU
inferior conj	-5331 Aug 26 j 14:34	23°♋00'08	-1°-33'-17
minimum elong	-5331 Aug 26 j 16:39	22°♋53'12	1°32'12
asc. node	-5331 Aug 31 j 08:00	17°♋34'06	
morning rise	-5331 Sep 01 j 04:34	16°♋54'52	
direct	-5331 Sep 04 j 17:28	15°♋42'24	
morning max el	-5331 Sep 12 j 08:31	20°♋08'17	19°59'58
greatest brilliancy	-5331 Sep 19 j 20:28	29°♋28'03	-0.6m
	-5331 Sep 20 j 05:36	0°♌	
morning set	-5331 Oct 08 j 10:19	27°♌23'44	
	-5331 Oct 10 j 02:33	0°♍	
desc. node	-5331 Oct 13 j 17:42	5°♍40'09	
max. Earth dist.	-5331 Oct 20 j 04:39	15°♍52'32	1.43915 AU
superior conj	-5331 Oct 25 j 01:03	23°♍40'59	-1°-7'-11
minimum elong	-5331 Oct 24 j 18:35	23°♍14'44	1°06'26
	-5331 Oct 28 j 21:37	0°♎	
evening rise	-5331 Nov 07 j 11:33	16°♎07'42	
	-5331 Nov 15 j 15:34	0°♏	
evening max el	-5331 Nov 25 j 12:46	14°♏00'24	18°15'44
asc. node	-5331 Nov 27 j 06:34	15°♏35'06	
retrograde	-5331 Dec 02 j 02:20	17°♏33'28	
evening set	-5331 Dec 04 j 20:37	16°♏53'38	
inferior conj	-5331 Dec 11 j 03:22	11°♏29'12	3°40'28
minimum elong	-5331 Dec 11 j 00:23	11°♏37'19	3°39'45
min. Earth dist.	-5331 Dec 13 j 12:49	8°♏52'42	0.63406 AU
morning rise	-5331 Dec 17 j 02:29	5°♏31'19	
direct	-5331 Dec 24 j 03:18	2°♏45'23	
morning max el	-5330 Jan 06 j 20:05	10°♏27'32	27°36'28
desc. node	-5330 Jan 09 j 17:54	13°♏30'16	
	-5330 Jan 22 j 07:01	0°♐	
	-5330 Feb 08 j 15:51	0°♑	
morning set	-5330 Feb 10 j 04:22	3°♑00'27	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-5330 Feb 15 j 12:54	14°♓01'42	1.33319 AU	
superior conj	-5330 Feb 17 j 21:02	19°♓00'33	0°-52'-45	
minimum elong	-5330 Feb 17 j 23:14	19°♓12'22	0°52'39	
	-5330 Feb 22 j 23:44	0°♒		
asc. node	-5330 Feb 23 j 05:37	0°♒31'24		
evening rise	-5330 Feb 25 j 01:06	4°♒21'38		
	-5330 Mar 11 j 02:27	0°♓		
evening max el	-5330 Mar 20 j 00:04	10°♓51'36	23°12'05	
retrograde	-5330 Apr 02 j 09:52	17°♓27'43		
evening set	-5330 Apr 05 j 22:39	17°♓00'22		
desc. node	-5330 Apr 07 j 16:46	16°♓27'47		
min. Earth dist.	-5330 Apr 13 j 11:06	13°♓36'38	0.55777 AU	
inferior conj	-5330 Apr 15 j 03:03	12°♓37'54	-1°-57'-27	
minimum elong	-5330 Apr 14 j 22:19	12°♓44'53	1°56'08	
morning rise	-5330 Apr 24 j 01:02	8°♓39'07		
direct	-5330 Apr 26 j 11:50	8°♓24'30		
morning max el	-5330 May 07 j 05:20	13°♓24'55	20°24'11	
	-5330 May 19 j 02:49	0°♈		
asc. node	-5330 May 22 j 05:33	5°♈49'46		
morning set	-5330 May 25 j 18:25	12°♈52'26		
superior conj	-5330 Jun 02 j 13:10	28°♈48'45	1°33'38	
minimum elong	-5330 Jun 02 j 10:32	28°♈35'27	1°33'30	
	-5330 Jun 03 j 03:16	0°♉		
max. Earth dist.	-5330 Jun 07 j 08:45	8°♉21'45	1.36239 AU	
evening rise	-5330 Jun 11 j 13:05	16°♉16'22		
	-5330 Jun 19 j 08:00	0°♊		
desc. node	-5330 Jul 04 j 15:05	23°♊19'41		
	-5330 Jul 09 j 17:43	0°♋		
evening max el	-5330 Jul 17 j 06:40	8°♋26'43	26°06'27	
retrograde	-5330 Jul 29 j 19:45	15°♋37'28		
evening set	-5330 Aug 05 j 03:24	12°♋56'38		
min. Earth dist.	-5330 Aug 09 j 08:07	8°♋22'57	0.66361 AU	
inferior conj	-5330 Aug 10 j 16:15	6°♋41'56	-2°-21'-55	
minimum elong	-5330 Aug 10 j 19:15	6°♋32'30	2°20'36	
morning rise	-5330 Aug 16 j 11:51	0°♋47'24		
asc. node	-5330 Aug 18 j 05:07	0°♋01'50		
	-5330 Aug 18 j 07:52	30°℞♊		
direct	-5330 Aug 19 j 15:39	29°♊49'56		
	-5330 Aug 20 j 23:56	0°♋		
morning max el	-5330 Aug 26 j 15:08	3°♋47'16	19°04'09	
	-5330 Sep 13 j 21:31	0°♌		
morning set	-5330 Sep 17 j 21:35	6°♌19'09		
desc. node	-5330 Sep 30 j 14:34	26°♌21'06		
	-5330 Oct 02 j 22:05	0°♍		
max. Earth dist.	-5330 Oct 02 j 20:31	29°♌53'47	1.44669 AU	
superior conj	-5330 Oct 04 j 08:00	2°♍13'59	0°-23'-14	
minimum elong	-5330 Oct 04 j 05:03	2°♍02'17	0°22'42	
evening rise	-5330 Oct 19 j 17:32	26°♍55'11		
	-5330 Oct 21 j 14:54	0°♎		
evening max el	-5330 Nov 09 j 00:57	27°♎24'40	18°41'47	
	-5330 Nov 12 j 02:56	0°♏		
asc. node	-5330 Nov 14 j 03:45	0°♏56'44		
retrograde	-5330 Nov 15 j 18:22	1°♏11'03		
evening set	-5330 Nov 18 j 17:49	0°♏21'06		
	-5330 Nov 19 j 07:46	30°℞♎		
inferior conj	-5330 Nov 24 j 16:34	24°♎39'11	3°05'37	
minimum elong	-5330 Nov 24 j 13:16	24°♎49'03	3°04'37	
min. Earth dist.	-5330 Nov 26 j 11:35	22°♎30'35	0.64868 AU	
morning rise	-5330 Nov 30 j 07:33	18°♎32'14		
direct	-5330 Dec 07 j 00:41	15°♎42'55		
morning max el	-5330 Dec 20 j 05:28	23°♎18'55	27°02'44	
	-5330 Dec 26 j 05:55	0°♏		
desc. node	-5330 Dec 27 j 14:52	1°♏41'50		
	-5329 Jan 15 j 13:34	0°♐		

morning set	-5329 Jan 24 j 18:20	16°♐45'17		
max. Earth dist.	-5329 Jan 29 j 09:44	25°♐57'43	1.34277 AU	
	-5329 Jan 31 j 08:58	0°♑		
superior conj	-5329 Feb 02 j 00:58	3°♑28'15	-1°-14'-39	
minimum elong	-5329 Feb 02 j 03:48	3°♑43'01	1°14'33	
evening rise	-5329 Feb 09 j 11:18	19°♑07'27		
asc. node	-5329 Feb 10 j 02:37	20°♑26'51		
	-5329 Feb 14 j 21:47	0°♒		
evening max el	-5329 Mar 01 j 20:58	21°♒45'42	21°40'13	
retrograde	-5329 Mar 14 j 01:24	27°♒36'18		
evening set	-5329 Mar 16 j 17:56	27°♒20'05		
desc. node	-5329 Mar 25 j 13:57	23°♒33'01		
inferior conj	-5329 Mar 26 j 00:22	23°♒18'20	0°-7'-8	
minimum elong	-5329 Mar 26 j 00:02	23°♒18'49	0°07'13	
transit middle	-5329 Mar 26 j 00:02	23°♒18'49	0°07'13	
transit begin	-5329 Mar 25 j 20:23	23°♒23'58		
transit end	-5329 Mar 26 j 03:41	23°♒13'40		
min. Earth dist.	-5329 Mar 26 j 01:26	23°♒16'50	0.55225 AU	
morning rise	-5329 Apr 04 j 06:24	19°♒15'29		
direct	-5329 Apr 07 j 01:37	18°♒58'04		
morning max el	-5329 Apr 19 j 09:59	24°♒51'35	21°48'52	
	-5329 Apr 24 j 01:56	0°♓		
asc. node	-5329 May 09 j 02:29	25°♓33'27		
morning set	-5329 May 10 j 03:32	27°♓42'17		
	-5329 May 11 j 06:02	0°♈		
superior conj	-5329 May 17 j 13:08	13°♈14'25	1°16'53	
minimum elong	-5329 May 17 j 10:25	13°♈00'13	1°16'34	
max. Earth dist.	-5329 May 20 j 23:44	20°♈20'25	1.34816 AU	
evening rise	-5329 May 25 j 17:44	29°♈44'53		
	-5329 May 25 j 20:53	0°♉		
	-5329 Jun 12 j 10:21	0°♊		
desc. node	-5329 Jun 21 j 12:13	12°♊34'47		
evening max el	-5329 Jun 29 j 18:04	21°♊52'34	26°57'44	
retrograde	-5329 Jul 12 j 22:23	29°♊14'30		
evening set	-5329 Jul 19 j 17:58	26°♊27'20		
min. Earth dist.	-5329 Jul 23 j 15:07	22°♊32'35	0.65339 AU	
inferior conj	-5329 Jul 25 j 12:37	20°♊19'59	-3°-5'-24	
minimum elong	-5329 Jul 25 j 16:06	20°♊09'49	3°04'10	
morning rise	-5329 Jul 31 j 15:22	14°♊39'34		
direct	-5329 Aug 03 j 12:23	13°♊53'59		
asc. node	-5329 Aug 05 j 02:14	14°♊07'32		
morning max el	-5329 Aug 10 j 02:47	17°♊31'09	18°24'32	
	-5329 Aug 19 j 06:59	0°♋		
morning set	-5329 Aug 29 j 10:32	16°♋30'03		
	-5329 Sep 06 j 17:46	0°♌		
superior conj	-5329 Sep 13 j 07:48	10°♌30'55	0°25'53	
minimum elong	-5329 Sep 13 j 11:02	10°♌43'46	0°25'42	
max. Earth dist.	-5329 Sep 15 j 14:41	14°♌08'06	1.44706 AU	
desc. node	-5329 Sep 17 j 11:29	17°♌04'48		
	-5329 Sep 25 j 16:52	0°♍		
evening rise	-5329 Sep 29 j 22:12	6°♍37'20		
greatest brilliancy	-5329 Oct 13 j 20:34	28°♍13'11	-0.7m	
	-5329 Oct 15 j 01:24	0°♎		
evening max el	-5329 Oct 23 j 10:06	10°♎51'44	19°24'38	
retrograde	-5329 Oct 30 j 14:14	15°♎00'02		
asc. node	-5329 Nov 01 j 00:57	14°♎47'55		
evening set	-5329 Nov 02 j 20:57	13°♎57'22		
inferior conj	-5329 Nov 08 j 13:30	8°♎01'00	2°22'20	
minimum elong	-5329 Nov 08 j 10:37	8°♎10'18	2°21'20	
min. Earth dist.	-5329 Nov 09 j 19:02	6°♎26'19	0.65980 AU	
morning rise	-5329 Nov 13 j 23:28	1°♎47'29		
	-5329 Nov 16 j 13:33	30°℞♍		
direct	-5329 Nov 20 j 03:54	29°♍07'06		
	-5329 Nov 24 j 01:19	0°♎		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning max el	-5329 Dec 02 j 14:59	6°♎26'01	26°02'39
desc. node	-5329 Dec 14 j 11:48	20°♎43'09	
	-5329 Dec 20 j 23:20	0°♏	
morning set	-5328 Jan 07 j 18:32	29°♏43'38	
	-5328 Jan 07 j 22:05	0°♐	
max. Earth dist.	-5328 Jan 11 j 19:14	7°♐21'17	1.35680 AU
superior conj	-5328 Jan 16 j 21:58	17°♐30'00	-1°-33'-14
minimum elong	-5328 Jan 17 j 00:50	17°♐44'34	1°33'14
	-5328 Jan 22 j 23:57	0°♑	
evening rise	-5328 Jan 24 j 18:22	3°♑37'50	
asc. node	-5328 Jan 27 j 23:41	10°♑06'12	
	-5328 Feb 09 j 04:40	0°♒	
evening max el	-5328 Feb 12 j 02:52	3°♒08'14	20°20'02
retrograde	-5328 Feb 22 j 16:04	8°♒07'51	
evening set	-5328 Feb 25 j 01:28	7°♒53'34	
inferior conj	-5328 Mar 04 j 21:51	3°♒54'51	1°44'35
minimum elong	-5328 Mar 05 j 02:05	3°♒48'34	1°43'00
min. Earth dist.	-5328 Mar 06 j 15:24	2°♒53'20	0.55596 AU
desc. node	-5328 Mar 11 j 11:08	0°♒23'47	
	-5328 Mar 12 j 11:41	30°℞♑	
morning rise	-5328 Mar 14 j 00:23	29°♑31'29	
direct	-5328 Mar 17 j 16:16	29°♑02'11	
	-5328 Mar 22 j 17:47	0°♒	
morning max el	-5328 Mar 31 j 05:16	5°♒42'35	23°25'30
	-5328 Apr 17 j 05:48	0°♓	
morning set	-5328 Apr 23 j 15:09	12°♓42'18	
asc. node	-5328 Apr 24 j 23:25	15°♓32'06	
superior conj	-5328 Apr 30 j 19:04	27°♓59'38	0°56'36
minimum elong	-5328 Apr 30 j 16:48	27°♓47'33	0°56'10
	-5328 May 01 j 17:37	0°♈	
max. Earth dist.	-5328 May 03 j 00:42	2°♈44'39	1.33756 AU
evening rise	-5328 May 08 j 10:27	13°♈51'15	
	-5328 May 17 j 01:11	0°♉	
	-5328 Jun 06 j 11:11	0°♊	
desc. node	-5328 Jun 07 j 09:25	1°♊03'19	
evening max el	-5328 Jun 11 j 04:50	5°♊02'15	27°23'33
retrograde	-5328 Jun 24 j 19:19	12°♊27'52	
evening set	-5328 Jul 01 j 21:45	9°♊45'47	
min. Earth dist.	-5328 Jul 05 j 13:18	6°♊26'30	0.63930 AU
inferior conj	-5328 Jul 08 j 01:04	3°♊48'27	-3°-40'-57
minimum elong	-5328 Jul 08 j 04:18	3°♊39'52	3°40'06
	-5328 Jul 12 j 00:15	30°℞♉	
morning rise	-5328 Jul 14 j 12:35	28°♉25'27	
direct	-5328 Jul 17 j 04:54	27°♉49'08	
asc. node	-5328 Jul 21 j 23:17	29°♉42'20	
	-5328 Jul 22 j 08:12	0°♊	
morning max el	-5328 Jul 23 j 17:06	1°♊14'53	18°02'16
morning set	-5328 Aug 10 j 01:35	27°♊54'59	
	-5328 Aug 11 j 06:42	0°♋	
superior conj	-5328 Aug 22 j 22:49	19°♋34'52	1°07'35
minimum elong	-5328 Aug 23 j 04:51	19°♋59'33	1°07'14
max. Earth dist.	-5328 Aug 28 j 07:23	28°♋14'19	1.44026 AU
	-5328 Aug 29 j 09:53	0°♌	
desc. node	-5328 Sep 03 j 08:25	7°♌47'51	
evening rise	-5328 Sep 08 j 06:21	15°♌26'35	
	-5328 Sep 17 j 19:00	0°♍	
greatest brilliancy	-5328 Sep 29 j 00:56	16°♍19'42	-0.6m
evening max el	-5328 Oct 05 j 14:02	24°♍18'04	20°22'33
retrograde	-5328 Oct 13 j 11:24	28°♍56'24	
evening set	-5328 Oct 17 j 03:35	27°♍38'17	
asc. node	-5328 Oct 17 j 22:09	27°♍01'55	
inferior conj	-5328 Oct 22 j 15:38	21°♍30'47	1°33'41
minimum elong	-5328 Oct 22 j 13:35	21°♍37'42	1°32'56
min. Earth dist.	-5328 Oct 23 j 09:12	20°♍31'46	0.66751 AU
morning rise	-5328 Oct 27 j 23:04	15°♍13'23	
direct	-5328 Nov 02 j 12:30	12°♍49'41	
morning max el	-5328 Nov 13 j 23:57	19°♍39'25	24°45'06
	-5328 Nov 22 j 20:16	0°♎	
desc. node	-5328 Nov 30 j 08:42	10°♎19'20	
	-5328 Dec 13 j 02:56	0°♏	
morning set	-5328 Dec 19 j 23:36	11°♏40'23	
max. Earth dist.	-5328 Dec 23 j 19:00	18°♏30'46	1.37474 AU
	-5328 Dec 29 j 21:10	0°♐	
superior conj	-5328 Dec 30 j 08:46	0°♐56'20	-1°-46'-34
minimum elong	-5328 Dec 30 j 10:49	1°♐06'19	1°46'44
evening rise	-5327 Jan 07 j 20:08	17°♐46'24	
asc. node	-5327 Jan 13 j 20:46	29°♐23'18	
	-5327 Jan 14 j 04:52	0°♑	
evening max el	-5327 Jan 24 j 19:09	15°♑06'19	19°17'31
retrograde	-5327 Feb 02 j 18:26	19°♑22'28	
evening set	-5327 Feb 05 j 03:50	19°♑05'35	
inferior conj	-5327 Feb 13 j 08:37	14°♑55'17	3°08'40
minimum elong	-5327 Feb 13 j 13:38	14°♑46'51	3°07'14
min. Earth dist.	-5327 Feb 16 j 06:08	12°♑59'10	0.56788 AU
morning rise	-5327 Feb 21 j 19:49	10°♑02'44	
desc. node	-5327 Feb 26 j 08:17	9°♑07'50	
direct	-5327 Feb 26 j 17:17	9°♑07'30	
morning max el	-5327 Mar 12 j 20:24	16°♑19'50	25°02'43
	-5327 Mar 23 j 21:18	0°♒	
morning set	-5327 Apr 08 j 03:30	27°♒46'33	
	-5327 Apr 09 j 04:48	0°♓	
asc. node	-5327 Apr 11 j 20:21	5°♓40'55	
superior conj	-5327 Apr 15 j 04:44	12°♓57'24	0°33'57
minimum elong	-5327 Apr 15 j 03:17	12°♓49'33	0°33'33
max. Earth dist.	-5327 Apr 16 j 09:15	15°♓31'56	1.33051 AU
evening rise	-5327 Apr 22 j 11:37	28°♓24'18	
	-5327 Apr 23 j 06:27	0°♈	
	-5327 May 10 j 07:08	0°♉	
evening max el	-5327 May 24 j 12:46	17°♉43'41	27°18'34
desc. node	-5327 May 25 j 06:36	18°♉25'39	
retrograde	-5327 Jun 07 j 10:04	25°♉08'54	
evening set	-5327 Jun 14 j 11:04	22°♉45'55	
min. Earth dist.	-5327 Jun 18 j 01:43	19°♉52'35	0.62168 AU
inferior conj	-5327 Jun 21 j 02:36	17°♉01'12	-4°-4'-23
minimum elong	-5327 Jun 21 j 04:31	16°♉56'39	4°04'02
morning rise	-5327 Jun 28 j 00:31	11°♉58'17	
direct	-5327 Jun 30 j 13:52	11°♉29'10	
morning max el	-5327 Jul 07 j 07:28	14°♉53'06	17°58'13
asc. node	-5327 Jul 08 j 20:17	16°♉31'26	
	-5327 Jul 17 j 18:34	0°♊	
morning set	-5327 Jul 23 j 14:04	10°♊21'21	
superior conj	-5327 Aug 03 j 16:44	29°♊59'13	1°34'55
minimum elong	-5327 Aug 03 j 21:18	0°♋18'42	1°34'53
	-5327 Aug 03 j 16:55	0°♋	
max. Earth dist.	-5327 Aug 10 j 19:17	11°♋53'02	1.42729 AU
evening rise	-5327 Aug 18 j 10:32	24°♋06'43	
desc. node	-5327 Aug 21 j 05:24	28°♋27'10	
	-5327 Aug 22 j 05:27	0°♌	
	-5327 Sep 11 j 22:41	0°♍	
greatest brilliancy	-5327 Sep 13 j 10:04	1°♍53'04	-0.4m
evening max el	-5327 Sep 18 j 11:38	7°♍42'53	21°32'54
retrograde	-5327 Sep 27 j 07:50	12°♍57'39	
evening set	-5327 Oct 01 j 11:41	11°♍21'33	
asc. node	-5327 Oct 04 j 19:20	7°♍52'35	
inferior conj	-5327 Oct 06 j 20:52	5°♍06'31	0°41'54
minimum elong	-5327 Oct 06 j 19:54	5°♍09'50	0°41'39
min. Earth dist.	-5327 Oct 07 j 03:41	4°♍43'01	0.67207 AU
	-5327 Oct 10 j 21:41	30°℞♌	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning rise	-5327 Oct 12 j 03:51	28°♌48'13	
direct	-5327 Oct 17 j 01:59	26°♌44'54	
	-5327 Oct 24 j 05:26	0°♍	
morning max el	-5327 Oct 27 j 09:39	2°♍55'10	23°19'38
greatest brilliancy	-5327 Nov 01 j 22:15	9°♍10'35	-0.2m
desc. node	-5327 Nov 17 j 05:35	0°♎20'19	
	-5327 Nov 17 j 00:08	0°♎	
morning set	-5327 Dec 01 j 03:28	22°♎20'07	
max. Earth dist.	-5327 Dec 05 j 15:05	29°♎58'28	1.39504 AU
	-5327 Dec 05 j 15:26	0°♏	
superior conj	-5327 Dec 13 j 05:09	13°♏35'40	-1°-52'-4
minimum elong	-5327 Dec 13 j 05:11	13°♏35'50	1°52'17
	-5327 Dec 21 j 20:09	0°♐	
evening rise	-5327 Dec 22 j 13:59	1°♐25'59	
asc. node	-5327 Dec 31 j 17:53	18°♐10'00	
evening max el	-5326 Jan 07 j 20:36	27°♐36'21	18°34'44
	-5326 Jan 10 j 22:09	0°♑	
retrograde	-5326 Jan 15 j 14:28	1°♑22'45	
evening set	-5326 Jan 18 j 01:51	1°♑00'59	
	-5326 Jan 20 j 13:06	30°℞♐	
inferior conj	-5326 Jan 25 j 14:59	26°♐31'28	3°54'28
minimum elong	-5326 Jan 25 j 17:37	26°♐26'21	3°53'53
min. Earth dist.	-5326 Jan 28 j 23:27	23°♐55'43	0.58544 AU
morning rise	-5326 Feb 02 j 05:51	21°♐13'14	
direct	-5326 Feb 08 j 07:35	19°♐40'12	
desc. node	-5326 Feb 13 j 05:22	20°♐39'07	
morning max el	-5326 Feb 22 j 13:17	27°♐09'35	26°25'34
	-5326 Feb 25 j 07:07	0°♑	
	-5326 Mar 17 j 04:48	0°♒	
morning set	-5326 Mar 23 j 14:50	12°♒47'21	
asc. node	-5326 Mar 29 j 17:17	25°♒54'30	
superior conj	-5326 Mar 30 j 16:12	27°♒59'47	0°09'53
minimum elong	-5326 Mar 30 j 15:46	27°♒57'27	0°09'36
behind sun begin	-5326 Mar 30 j 11:47	27°♒35'37	
behind sun end	-5326 Mar 30 j 19:46	28°♒19'16	
max. Earth dist.	-5326 Mar 30 j 21:57	28°♒31'17	1.32685 AU
	-5326 Mar 31 j 14:12	0°♓	
evening rise	-5326 Apr 06 j 18:19	13°♓13'18	
	-5326 Apr 15 j 09:30	0°♈	
evening max el	-5326 May 06 j 15:40	29°♈46'43	26°40'52
	-5326 May 06 j 21:15	0°♉	
desc. node	-5326 May 12 j 03:48	4°♉13'31	
retrograde	-5326 May 20 j 17:23	7°♉08'22	
evening set	-5326 May 27 j 05:53	5°♉17'43	
min. Earth dist.	-5326 May 31 j 05:02	2°♉35'04	0.60170 AU
	-5326 Jun 03 j 08:32	30°℞♈	
inferior conj	-5326 Jun 03 j 13:40	29°♈49'20	-4°-9'-23
minimum elong	-5326 Jun 03 j 13:03	29°♈50'38	4°09'15
morning rise	-5326 Jun 10 j 23:41	25°♈07'53	
direct	-5326 Jun 13 j 11:17	24°♈44'30	
morning max el	-5326 Jun 20 j 19:02	28°♈17'42	18°13'15
	-5326 Jun 22 j 10:01	0°♉	
asc. node	-5326 Jun 25 j 17:15	4°♉18'52	
morning set	-5326 Jul 06 j 18:46	23°♉35'46	
	-5326 Jul 10 j 04:31	0°♊	
superior conj	-5326 Jul 16 j 12:50	11°♊41'43	1°47'45
minimum elong	-5326 Jul 16 j 14:27	11°♊49'03	1°47'58
max. Earth dist.	-5326 Jul 24 j 01:06	24°♊50'49	1.40996 AU
	-5326 Jul 27 j 02:50	0°♋	
evening rise	-5326 Jul 29 j 06:48	3°♋33'24	
desc. node	-5326 Aug 08 j 02:25	18°♋59'00	
	-5326 Aug 15 j 13:31	0°♌	
greatest brilliancy	-5326 Aug 27 j 04:22	15°♌34'20	-0.3m
evening max el	-5326 Sep 01 j 03:19	21°♌07'22	22°51'37
retrograde	-5326 Sep 11 j 01:57	27°♌01'14	
evening set	-5326 Sep 15 j 19:25	25°♌05'22	
inferior conj	-5326 Sep 21 j 03:21	18°♌46'22	0°-11'-7
minimum elong	-5326 Sep 21 j 03:36	18°♌45'30	0°10'48
transit middle	-5326 Sep 21 j 03:36	18°♌45'30	0°10'48
transit begin	-5326 Sep 21 j 01:34	18°♌52'30	
transit end	-5326 Sep 21 j 05:38	18°♌38'30	
min. Earth dist.	-5326 Sep 20 j 23:59	18°♌57'58	0.67366 AU
asc. node	-5326 Sep 21 j 16:28	18°♌01'12	
morning rise	-5326 Sep 26 j 11:43	12°♌30'29	
direct	-5326 Sep 30 j 19:36	10°♌48'08	
morning max el	-5326 Oct 09 j 23:01	16°♌14'41	21°55'13
greatest brilliancy	-5326 Oct 14 j 20:52	21°♌51'20	-0.4m
	-5326 Oct 21 j 00:42	0°♍	
desc. node	-5326 Nov 04 j 02:27	20°♍38'57	
	-5326 Nov 10 j 02:21	0°♎	
morning set	-5326 Nov 11 j 02:56	1°♎37'51	
max. Earth dist.	-5326 Nov 17 j 14:54	12°♎13'08	1.41506 AU
superior conj	-5326 Nov 25 j 05:48	25°♎14'48	-1°-46'-27
minimum elong	-5326 Nov 25 j 02:41	25°♎01'07	1°46'26
	-5326 Nov 27 j 22:10	0°♏	
evening rise	-5326 Dec 05 j 20:44	14°♏29'36	
	-5326 Dec 14 j 12:30	0°♐	
asc. node	-5326 Dec 18 j 15:01	6°♐16'46	
evening max el	-5326 Dec 22 j 04:44	10°♐31'16	18°12'02
retrograde	-5326 Dec 29 j 03:55	14°♐02'37	
evening set	-5326 Dec 31 j 17:31	13°♐34'41	
inferior conj	-5325 Jan 07 j 17:01	8°♐43'03	4°06'49
minimum elong	-5325 Jan 07 j 16:42	8°♐43'46	4°06'33
min. Earth dist.	-5325 Jan 10 j 22:05	5°♐50'28	0.60526 AU
morning rise	-5325 Jan 14 j 13:09	3°♐06'05	
direct	-5325 Jan 21 j 09:03	0°♐55'31	
desc. node	-5325 Jan 31 j 02:25	4°♐46'14	
morning max el	-5325 Feb 04 j 11:44	8°♐32'39	27°20'45
	-5325 Feb 20 j 22:15	0°♑	
morning set	-5325 Mar 07 j 23:20	27°♑37'58	
	-5325 Mar 09 j 02:38	0°♒	
max. Earth dist.	-5325 Mar 14 j 11:12	11°♒29'56	1.32655 AU
superior conj	-5325 Mar 15 j 03:49	13°♒00'39	0°-14'-47
minimum elong	-5325 Mar 15 j 04:29	13°♒04'17	0°14'55
behind sun begin	-5325 Mar 15 j 02:50	12°♒55'17	
behind sun end	-5325 Mar 15 j 06:08	13°♒13'16	
asc. node	-5325 Mar 16 j 14:14	16°♒08'42	
evening rise	-5325 Mar 22 j 04:22	28°♒10'25	
	-5325 Mar 23 j 01:22	0°♓	
	-5325 Apr 09 j 03:19	0°♈	
evening max el	-5325 Apr 18 j 12:37	11°♈09'26	25°33'35
desc. node	-5325 Apr 29 j 00:59	17°♈51'54	
retrograde	-5325 May 02 j 14:54	18°♈22'17	
evening set	-5325 May 08 j 03:30	17°♈09'55	
min. Earth dist.	-5325 May 13 j 01:18	14°♈21'33	0.58171 AU
inferior conj	-5325 May 16 j 06:46	12°♈03'48	-3°-47'-6
minimum elong	-5325 May 16 j 02:58	12°♈10'39	3°46'32
morning rise	-5325 May 24 j 06:31	7°♈43'20	
direct	-5325 May 26 j 17:04	7°♈24'30	
morning max el	-5325 Jun 04 j 00:55	11°♈19'55	18°48'11
asc. node	-5325 Jun 12 j 14:12	22°♈51'30	
	-5325 Jun 16 j 13:58	0°♉	
morning set	-5325 Jun 20 j 11:19	7°♉27'37	
superior conj	-5325 Jun 29 j 05:48	24°♉28'01	1°48'47
minimum elong	-5325 Jun 29 j 04:59	24°♉24'10	1°48'59
	-5325 Jul 02 j 04:43	0°♊	
max. Earth dist.	-5325 Jul 06 j 02:54	7°♊07'17	1.39074 AU
evening rise	-5325 Jul 10 j 05:11	14°♊16'07	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5325 Jul 19 j 20:11	0°♋	
desc. node	-5325 Jul 25 j 23:27	9°♋18'33	
	-5325 Aug 10 j 10:15	0°♌	
evening max el	-5325 Aug 14 j 15:06	4°♌33'28	24°12'39
retrograde	-5325 Aug 25 j 16:29	11°♌03'32	
evening set	-5325 Aug 31 j 00:58	8°♌47'42	
inferior conj	-5325 Sep 05 j 09:21	2°♌28'03	-1°-3'-48
minimum elong	-5325 Sep 05 j 10:48	2°♌23'08	1°02'56
min. Earth dist.	-5325 Sep 04 j 19:34	3°♌14'40	0.67232 AU
	-5325 Sep 07 j 06:12	30°℞♋	
asc. node	-5325 Sep 08 j 13:35	28°♋26'27	
morning rise	-5325 Sep 10 j 20:49	26°♋17'59	
direct	-5325 Sep 14 j 16:08	24°♋55'14	
morning max el	-5325 Sep 22 j 18:42	29°♋40'52	20°38'38
	-5325 Sep 23 j 02:06	0°♌	
greatest brilliancy	-5325 Sep 28 j 23:58	7°♌07'56	-0.5m
	-5325 Oct 14 j 17:26	0°♍	
morning set	-5325 Oct 21 j 05:07	9°♍58'30	
desc. node	-5325 Oct 21 j 23:18	11°♍09'14	
max. Earth dist.	-5325 Oct 30 j 22:17	25°♍21'09	1.43189 AU
	-5325 Nov 02 j 18:52	0°♎	
superior conj	-5325 Nov 06 j 04:59	5°♎39'07	-1°-26'-15
minimum elong	-5325 Nov 05 j 22:54	5°♎13'47	1°25'42
evening rise	-5325 Nov 18 j 12:15	26°♎47'58	
	-5325 Nov 20 j 07:52	0°♏	
evening max el	-5325 Dec 05 j 16:35	23°♏42'16	18°08'56
asc. node	-5325 Dec 05 j 12:10	23°♏31'00	
retrograde	-5325 Dec 12 j 07:05	27°♏11'30	
evening set	-5325 Dec 14 j 23:23	26°♏36'17	
inferior conj	-5325 Dec 21 j 11:35	21°♏23'00	3°55'01
minimum elong	-5325 Dec 21 j 09:15	21°♏28'59	3°54'31
min. Earth dist.	-5325 Dec 24 j 05:04	18°♏35'56	0.62429 AU
morning rise	-5325 Dec 27 j 17:10	15°♏31'56	
direct	-5324 Jan 03 j 19:06	12°♏54'54	
morning max el	-5324 Jan 17 j 16:14	20°♏35'38	27°41'03
desc. node	-5324 Jan 17 j 23:26	20°♏53'25	
	-5324 Jan 25 j 20:50	0°♐	
	-5324 Feb 13 j 20:19	0°♂	
morning set	-5324 Feb 20 j 02:54	12°♂10'42	
max. Earth dist.	-5324 Feb 25 j 21:16	24°♂14'31	1.32973 AU
superior conj	-5324 Feb 27 j 13:57	27°♂53'48	0°-39'-12
minimum elong	-5324 Feb 27 j 15:38	28°♂02'59	0°39'09
	-5324 Feb 28 j 13:14	0°♒	
asc. node	-5324 Mar 02 j 11:14	6°♒19'19	
evening rise	-5324 Mar 05 j 15:53	13°♒08'28	
	-5324 Mar 14 j 06:41	0°♓	
evening max el	-5324 Mar 30 j 05:20	22°♓02'07	24°06'07
retrograde	-5324 Apr 13 j 00:23	28°♓56'03	
desc. node	-5324 Apr 14 j 22:10	28°♓47'49	
evening set	-5324 Apr 17 j 06:21	28°♓15'57	
min. Earth dist.	-5324 Apr 23 j 17:16	25°♓08'44	0.56480 AU
inferior conj	-5324 Apr 26 j 03:50	23°♓37'44	-2°-48'-36
minimum elong	-5324 Apr 25 j 22:20	23°♓46'21	2°47'17
morning rise	-5324 May 04 j 18:11	19°♓34'09	
direct	-5324 May 07 j 04:22	19°♓18'34	
morning max el	-5324 May 16 j 22:26	23°♓50'53	19°43'30
	-5324 May 22 j 04:48	0°♈	
asc. node	-5324 May 29 j 11:10	11°♈58'45	
morning set	-5324 Jun 03 j 12:24	21°♈48'37	
	-5324 Jun 07 j 13:43	0°♉	
superior conj	-5324 Jun 11 j 14:15	8°♉03'40	1°41'03
minimum elong	-5324 Jun 11 j 12:01	7°♉52'36	1°41'04
max. Earth dist.	-5324 Jun 17 j 05:46	18°♉58'00	1.37207 AU
evening rise	-5324 Jun 21 j 04:48	26°♉14'52	

	-5324 Jun 23 j 07:29	0°♊	
desc. node	-5324 Jul 11 j 20:32	29°♊20'17	
	-5324 Jul 12 j 07:49	0°♋	
evening max el	-5324 Jul 27 j 01:36	18°♋02'39	25°28'23
retrograde	-5324 Aug 08 j 02:50	25°♋01'15	
evening set	-5324 Aug 14 j 02:30	22°♋27'47	
min. Earth dist.	-5324 Aug 18 j 12:02	17°♋32'06	0.66782 AU
inferior conj	-5324 Aug 19 j 13:09	16°♋10'34	-1°-54'-24
minimum elong	-5324 Aug 19 j 15:40	16°♋02'24	1°53'11
morning rise	-5324 Aug 25 j 05:21	10°♋09'39	
asc. node	-5324 Aug 25 j 10:42	10°♋01'13	
direct	-5324 Aug 28 j 14:11	9°♋03'52	
morning max el	-5324 Sep 04 j 21:40	13°♋16'07	19°34'25
greatest brilliancy	-5324 Sep 13 j 18:43	24°♋42'21	-0.7m
	-5324 Sep 17 j 08:18	0°♌	
morning set	-5324 Sep 29 j 06:49	18°♌24'23	
	-5324 Oct 06 j 16:51	0°♍	
desc. node	-5324 Oct 07 j 20:11	1°♍47'22	
max. Earth dist.	-5324 Oct 12 j 12:17	9°♍09'53	1.44323 AU
superior conj	-5324 Oct 16 j 00:36	14°♍45'50	0°-49'-56
minimum elong	-5324 Oct 15 j 18:57	14°♍23'16	0°49'10
	-5324 Oct 25 j 09:34	0°♎	
evening rise	-5324 Oct 30 j 07:51	8°♎11'45	
	-5324 Nov 12 j 17:01	0°♏	
evening max el	-5324 Nov 18 j 05:23	7°♏02'51	18°24'38
asc. node	-5324 Nov 21 j 09:20	9°♏38'15	
retrograde	-5324 Nov 24 j 19:39	10°♏40'36	
evening set	-5324 Nov 27 j 15:57	9°♏56'37	
inferior conj	-5324 Dec 03 j 19:01	4°♏24'03	3°26'57
minimum elong	-5324 Dec 03 j 15:48	4°♏33'13	3°26'05
min. Earth dist.	-5324 Dec 05 j 22:09	1°♏58'39	0.64070 AU
	-5324 Dec 07 j 19:01	30°℞♎	
morning rise	-5324 Dec 09 j 14:15	28°♎21'58	
direct	-5324 Dec 16 j 12:26	25°♎33'15	
	-5324 Dec 26 j 10:52	0°♏	
morning max el	-5324 Dec 30 j 00:51	3°♏13'29	27°25'54
desc. node	-5323 Jan 03 j 20:26	8°♏27'17	
	-5323 Jan 19 j 05:26	0°♐	
morning set	-5323 Feb 02 j 22:50	26°♐16'28	
	-5323 Feb 04 j 19:43	0°♑	
max. Earth dist.	-5323 Feb 08 j 00:11	6°♑31'54	1.33679 AU
superior conj	-5323 Feb 10 j 20:46	12°♑32'51	-1°-2'-21
minimum elong	-5323 Feb 10 j 23:17	12°♑46'14	1°02'14
asc. node	-5323 Feb 17 j 08:16	26°♑21'51	
evening rise	-5323 Feb 18 j 03:06	28°♑00'47	
	-5323 Feb 19 j 02:00	0°♒	
	-5323 Mar 09 j 06:20	0°♓	
evening max el	-5323 Mar 11 j 22:47	2°♓47'38	22°32'00
retrograde	-5323 Mar 24 j 21:45	9°♓06'25	
evening set	-5323 Mar 28 j 00:24	8°♓45'09	
desc. node	-5323 Apr 01 j 19:23	6°♓59'49	
min. Earth dist.	-5323 Apr 05 j 07:42	5°♓06'37	0.55433 AU
inferior conj	-5323 Apr 06 j 07:18	4°♓32'56	-1°-12'-55
minimum elong	-5323 Apr 06 j 04:04	4°♓37'33	1°12'01
morning rise	-5323 Apr 15 j 09:52	0°♓35'02	
direct	-5323 Apr 17 j 22:55	0°♓20'04	
morning max el	-5323 Apr 29 j 09:31	5°♓42'15	20°58'20
	-5323 May 15 j 13:39	0°♈	
asc. node	-5323 May 16 j 08:07	1°♈31'13	
morning set	-5323 May 18 j 19:15	6°♈30'04	
superior conj	-5323 May 26 j 09:36	22°♈14'31	1°27'03
minimum elong	-5323 May 26 j 06:52	22°♈00'25	1°26'50
	-5323 May 30 j 05:42	0°♉	
max. Earth dist.	-5323 May 30 j 15:02	0°♉46'18	1.35587 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening rise	-5323 Jun 04 j 00:26	9°♉15'03	
	-5323 Jun 15 j 21:33	0°♊	
desc. node	-5323 Jun 28 j 17:39	18°♊55'30	
	-5323 Jul 08 j 00:16	0°♋	
evening max el	-5323 Jul 09 j 12:21	1°♋30'52	26°30'50
retrograde	-5323 Jul 22 j 08:30	8°♋47'51	
evening set	-5323 Jul 28 j 21:49	6°♋02'46	
min. Earth dist.	-5323 Aug 01 j 23:04	1°♋46'03	0.65976 AU
	-5323 Aug 03 j 09:50	30°℞♊	
inferior conj	-5323 Aug 03 j 12:50	29°♊50'51	-2°-41'-8
minimum elong	-5323 Aug 03 j 16:06	29°♊40'51	2°39'50
morning rise	-5323 Aug 09 j 11:19	24°♊02'14	
direct	-5323 Aug 12 j 11:55	23°♊10'18	
asc. node	-5323 Aug 12 j 07:48	23°♊10'28	
morning max el	-5323 Aug 19 j 06:46	26°♊57'53	18°45'17
	-5323 Aug 21 j 22:33	0°♋	
morning set	-5323 Sep 09 j 04:12	27°♋49'44	
	-5323 Sep 10 j 12:45	0°♌	
desc. node	-5323 Sep 24 j 17:04	22°♌29'42	
superior conj	-5323 Sep 25 j 01:39	23°♌03'29	0°-2'-14
minimum elong	-5323 Sep 25 j 01:22	23°♌02'23	0°02'02
behind sun begin	-5323 Sep 24 j 13:59	22°♌17'32	
behind sun end	-5323 Sep 25 j 12:44	23°♌47'13	
max. Earth dist.	-5323 Sep 25 j 05:27	23°♌18'30	1.44768 AU
	-5323 Sep 29 j 11:16	0°♍	
evening rise	-5323 Oct 11 j 03:06	18°♍31'18	
	-5323 Oct 18 j 07:21	0°♎	
evening max el	-5323 Nov 01 j 16:27	20°♎28'13	18°58'04
asc. node	-5323 Nov 08 j 06:30	24°♎22'53	
retrograde	-5323 Nov 08 j 13:48	24°♎23'25	
evening set	-5323 Nov 11 j 16:00	23°♎28'28	
inferior conj	-5323 Nov 17 j 11:52	17°♎39'52	2°48'07
minimum elong	-5323 Nov 17 j 08:40	17°♎49'45	2°47'05
min. Earth dist.	-5323 Nov 19 j 00:57	15°♎45'10	0.65373 AU
morning rise	-5323 Nov 23 j 00:20	11°♎29'32	
direct	-5323 Nov 29 j 12:21	8°♎42'49	
morning max el	-5323 Dec 12 j 10:45	16°♎13'54	26°40'03
desc. node	-5323 Dec 21 j 17:25	27°♎02'20	
	-5323 Dec 23 j 22:38	0°♏	
	-5322 Jan 12 j 00:30	0°♐	
morning set	-5322 Jan 17 j 07:39	9°♐44'12	
max. Earth dist.	-5322 Jan 21 j 16:29	18°♐14'20	1.34813 AU
superior conj	-5322 Jan 25 j 22:08	26°♐51'00	-1°-23'-3
minimum elong	-5322 Jan 26 j 01:04	27°♐06'09	1°22'58
	-5322 Jan 27 j 10:32	0°♑	
evening rise	-5322 Feb 02 j 12:16	12°♑41'20	
asc. node	-5322 Feb 04 j 05:20	16°♑11'39	
	-5322 Feb 11 j 13:30	0°♒	
evening max el	-5322 Feb 21 j 23:08	13°♒52'44	21°04'15
retrograde	-5322 Mar 05 j 11:54	19°♒22'06	
evening set	-5322 Mar 07 j 23:45	19°♒07'37	
inferior conj	-5322 Mar 17 j 03:04	15°♒09'09	0°41'59
minimum elong	-5322 Mar 17 j 04:57	15°♒06'27	0°41'07
min. Earth dist.	-5322 Mar 17 j 22:09	14°♒41'55	0.55267 AU
desc. node	-5322 Mar 19 j 16:34	13°♒42'39	
morning rise	-5322 Mar 26 j 09:13	10°♒59'06	
direct	-5322 Mar 29 j 11:17	10°♒38'17	
morning max el	-5322 Apr 11 j 10:02	16°♒53'38	22°28'58
	-5322 Apr 21 j 17:48	0°♓	
morning set	-5322 May 03 j 05:40	21°♓25'16	
asc. node	-5322 May 03 j 05:05	21°♓22'15	
	-5322 May 07 j 07:13	0°♈	
superior conj	-5322 May 10 j 12:29	6°♈50'06	1°08'40
minimum elong	-5322 May 10 j 09:54	6°♈36'30	1°08'16
max. Earth dist.	-5322 May 13 j 10:06	12°♈54'09	1.34321 AU
evening rise	-5322 May 18 j 10:47	23°♈01'38	
	-5322 May 22 j 02:29	0°♉	
	-5322 Jun 09 j 13:29	0°♊	
desc. node	-5322 Jun 15 j 14:48	7°♊52'50	
evening max el	-5322 Jun 21 j 23:33	14°♊50'46	27°12'05
retrograde	-5322 Jul 05 j 09:02	22°♊15'50	
evening set	-5322 Jul 12 j 08:13	19°♊29'04	
min. Earth dist.	-5322 Jul 16 j 02:33	15°♊50'07	0.64786 AU
inferior conj	-5322 Jul 18 j 06:09	13°♊25'21	-3°-21'-41
minimum elong	-5322 Jul 18 j 09:38	13°♊15'33	3°20'36
morning rise	-5322 Jul 24 j 12:28	7°♊52'03	
direct	-5322 Jul 27 j 07:06	7°♊10'52	
asc. node	-5322 Jul 30 j 04:52	7°♊55'21	
morning max el	-5322 Aug 02 j 19:53	10°♊42'24	18°12'49
	-5322 Aug 16 j 01:57	0°♋	
morning set	-5322 Aug 21 j 04:35	8°♋32'38	
	-5322 Sep 03 j 06:10	0°♌	
superior conj	-5322 Sep 04 j 05:32	1°♌33'43	0°45'05
minimum elong	-5322 Sep 04 j 10:36	1°♌53'59	0°44'45
max. Earth dist.	-5322 Sep 07 j 22:46	7°♌29'06	1.44494 AU
desc. node	-5322 Sep 11 j 13:59	13°♌13'21	
evening rise	-5322 Sep 20 j 21:39	27°♌46'42	
	-5322 Sep 22 j 07:59	0°♍	
greatest brilliancy	-5322 Oct 08 j 01:13	23°♍50'16	-0.6m
	-5322 Oct 12 j 14:21	0°♎	
evening max el	-5322 Oct 15 j 23:33	3°♎54'46	19°47'41
retrograde	-5322 Oct 23 j 10:27	8°♎15'13	
asc. node	-5322 Oct 26 j 03:42	7°♎32'11	
evening set	-5322 Oct 26 j 20:50	7°♎06'31	
inferior conj	-5322 Nov 01 j 11:16	1°♎05'10	2°02'13
minimum elong	-5322 Nov 01 j 08:41	1°♎13'39	2°01'18
	-5322 Nov 02 j 07:07	30°℞♍	
min. Earth dist.	-5322 Nov 02 j 11:38	29°♍45'15	0.66340 AU
morning rise	-5322 Nov 06 j 19:50	24°♍49'29	
direct	-5322 Nov 12 j 18:05	22°♍15'10	
morning max el	-5322 Nov 24 j 19:53	29°♍23'54	25°31'15
	-5322 Nov 25 j 10:05	0°♎	
desc. node	-5322 Dec 08 j 14:19	16°♎19'43	
	-5322 Dec 17 j 19:16	0°♏	
morning set	-5322 Dec 31 j 00:25	22°♏18'14	
max. Earth dist.	-5321 Jan 03 j 20:54	29°♏26'25	1.36391 AU
	-5321 Jan 04 j 04:00	0°♐	
superior conj	-5321 Jan 09 j 15:12	10°♐38'43	-1°-39'-41
minimum elong	-5321 Jan 09 j 17:51	10°♐51'58	1°39'45
evening rise	-5321 Jan 17 j 17:18	27°♐02'40	
	-5321 Jan 19 j 04:32	0°♑	
asc. node	-5321 Jan 22 j 02:24	5°♑42'12	
evening max el	-5321 Feb 04 j 09:34	25°♑30'38	19°51'14
	-5321 Feb 12 j 08:41	0°♒	
retrograde	-5321 Feb 14 j 05:55	0°♒09'55	
	-5321 Feb 16 j 04:07	30°℞♑	
evening set	-5321 Feb 16 j 14:48	29°♑54'59	
inferior conj	-5321 Feb 25 j 04:55	25°♑53'12	2°24'39
minimum elong	-5321 Feb 25 j 10:00	25°♑45'17	2°22'56
min. Earth dist.	-5321 Feb 27 j 12:34	24°♑27'03	0.56015 AU
morning rise	-5321 Mar 06 j 02:02	21°♑17'25	
desc. node	-5321 Mar 06 j 13:44	21°♑09'01	
direct	-5321 Mar 10 j 06:07	20°♑38'42	
morning max el	-5321 Mar 24 j 02:45	27°♑35'21	24°07'26
	-5321 Mar 26 j 11:20	0°♒	
	-5321 Apr 14 j 14:13	0°♓	
morning set	-5321 Apr 17 j 17:47	6°♓27'32	
asc. node	-5321 Apr 20 j 02:02	11°♓25'41	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5321 Apr 24 j 20:15	21°♓41'26	0°47'15
minimum elong	-5321 Apr 24 j 18:18	21°♓30'56	0°46'48
max. Earth dist.	-5321 Apr 26 j 14:35	25°♓28'34	1.33419 AU
	-5321 Apr 28 j 17:50	0°♈	
evening rise	-5321 May 02 j 07:30	7°♈20'50	
	-5321 May 14 j 14:59	0°♉	
desc. node	-5321 Jun 02 j 11:59	25°♉56'10	
evening max el	-5321 Jun 04 j 09:36	27°♉50'36	27°25'26
	-5321 Jun 06 j 18:58	0°♊	
retrograde	-5321 Jun 18 j 03:35	5°♊16'20	
evening set	-5321 Jun 25 j 06:22	2°♊40'57	
	-5321 Jun 28 j 10:04	30°℞♉	
min. Earth dist.	-5321 Jun 28 j 20:52	29°♉33'51	0.63219 AU
inferior conj	-5321 Jul 01 j 14:23	26°♉48'26	-3°-52'-44
minimum elong	-5321 Jul 01 j 17:13	26°♉41'16	3°52'06
morning rise	-5321 Jul 08 j 06:07	21°♉33'23	
direct	-5321 Jul 10 j 20:55	21°♉00'23	
asc. node	-5321 Jul 17 j 01:54	24°♉03'37	
morning max el	-5321 Jul 17 j 10:31	24°♉24'26	17°58'10
	-5321 Jul 21 j 23:30	0°♊	
morning set	-5321 Aug 03 j 05:29	20°♊25'51	
	-5321 Aug 08 j 17:20	0°♋	
superior conj	-5321 Aug 15 j 07:27	11°♋10'18	1°21'04
minimum elong	-5321 Aug 15 j 13:14	11°♋34'21	1°20'49
max. Earth dist.	-5321 Aug 21 j 13:37	21°♋25'24	1.43543 AU
	-5321 Aug 26 j 22:50	0°♌	
desc. node	-5321 Aug 29 j 10:56	3°♌55'21	
evening rise	-5321 Aug 31 j 01:34	6°♌25'30	
	-5321 Sep 15 j 17:10	0°♍	
greatest brilliancy	-5321 Sep 23 j 06:22	10°♍30'21	-0.5m
evening max el	-5321 Sep 29 j 00:57	17°♍20'59	20°51'16
retrograde	-5321 Oct 07 j 07:23	22°♍13'48	
evening set	-5321 Oct 11 j 04:17	20°♍48'23	
asc. node	-5321 Oct 13 j 00:51	19°♍07'27	
inferior conj	-5321 Oct 16 j 14:56	14°♍37'33	1°11'58
minimum elong	-5321 Oct 16 j 13:19	14°♍43'02	1°11'26
min. Earth dist.	-5321 Oct 17 j 03:53	13°♍53'31	0.66985 AU
morning rise	-5321 Oct 21 j 21:56	8°♍19'30	
direct	-5321 Oct 27 j 04:58	6°♍03'58	
morning max el	-5321 Nov 07 j 04:37	12°♍37'25	24°09'07
	-5321 Nov 21 j 04:41	0°♎	
desc. node	-5321 Nov 25 j 11:12	6°♎07'27	
	-5321 Dec 10 j 15:03	0°♏	
morning set	-5321 Dec 12 j 19:21	3°♏42'56	
max. Earth dist.	-5321 Dec 16 j 17:51	10°♏37'44	1.38324 AU
superior conj	-5321 Dec 23 j 20:25	23°♏46'17	-1°-50'-3
minimum elong	-5321 Dec 23 j 21:47	23°♏52'45	1°50'16
	-5321 Dec 27 j 01:54	0°♐	
evening rise	-5320 Jan 01 j 15:58	10°♐59'02	
asc. node	-5320 Jan 08 j 23:28	24°♐46'49	
	-5320 Jan 12 j 03:26	0°♑	
evening max el	-5320 Jan 18 j 06:00	7°♑42'35	18°56'53
retrograde	-5320 Jan 26 j 15:11	11°♑43'49	
evening set	-5320 Jan 29 j 01:35	11°♑24'54	
inferior conj	-5320 Feb 05 j 23:31	7°♑06'58	3°32'40
minimum elong	-5320 Feb 06 j 03:45	6°♑59'24	3°31'38
min. Earth dist.	-5320 Feb 09 j 03:46	4°♑51'46	0.57491 AU
morning rise	-5320 Feb 14 j 02:17	2°♑03'07	
direct	-5320 Feb 19 j 12:52	0°♑52'34	
desc. node	-5320 Feb 21 j 10:50	1°♑01'23	
morning max el	-5320 Mar 04 j 17:36	8°♑12'53	25°40'34
	-5320 Mar 20 j 23:03	0°♒	
morning set	-5320 Apr 01 j 05:54	21°♒30'36	
	-5320 Apr 05 j 05:10	0°♓	
asc. node	-5320 Apr 05 j 22:58	1°♓36'41	
superior conj	-5320 Apr 08 j 06:51	6°♓41'22	0°23'52
minimum elong	-5320 Apr 08 j 05:49	6°♓35'45	0°23'30
max. Earth dist.	-5320 Apr 09 j 01:28	8°♓22'50	1.32860 AU
evening rise	-5320 Apr 15 j 11:18	22°♓01'32	
	-5320 Apr 19 j 10:53	0°♈	
	-5320 May 07 j 17:44	0°♉	
evening max el	-5320 May 16 j 15:51	10°♉17'13	27°06'31
desc. node	-5320 May 19 j 09:11	12°♉42'19	
retrograde	-5320 May 30 j 15:04	17°♉40'18	
evening set	-5320 Jun 06 j 12:16	15°♉30'00	
min. Earth dist.	-5320 Jun 10 j 05:15	12°♉43'12	0.61341 AU
inferior conj	-5320 Jun 13 j 10:15	9°♉51'57	-4°-9'-16
minimum elong	-5320 Jun 13 j 11:15	9°♉49'45	4°09'03
morning rise	-5320 Jun 20 j 13:05	4°♉57'47	
direct	-5320 Jun 23 j 01:42	4°♉31'07	
morning max el	-5320 Jun 29 j 23:59	7°♉57'23	18°02'10
asc. node	-5320 Jul 02 j 22:53	11°♉19'02	
	-5320 Jul 14 j 07:04	0°♊	
morning set	-5320 Jul 16 j 01:30	3°♊14'22	
superior conj	-5320 Jul 26 j 13:01	22°♊08'58	1°42'01
minimum elong	-5320 Jul 26 j 16:20	22°♊23'32	1°42'07
	-5320 Jul 31 j 02:23	0°♋	
max. Earth dist.	-5320 Aug 02 j 23:30	4°♋49'52	1.42038 AU
evening rise	-5320 Aug 09 j 10:35	15°♋19'47	
desc. node	-5320 Aug 15 j 07:55	24°♋31'53	
	-5320 Aug 18 j 22:16	0°♌	
greatest brilliancy	-5320 Sep 06 j 01:38	25°♌21'54	-0.4m
	-5320 Sep 10 j 02:24	0°♍	
evening max el	-5320 Sep 10 j 19:58	0°♍45'29	22°05'40
retrograde	-5320 Sep 20 j 02:52	6°♍16'16	
evening set	-5320 Sep 24 j 12:26	4°♍31'43	
asc. node	-5320 Sep 28 j 22:00	29°♌33'19	
	-5320 Sep 28 j 14:06	30°℞♌	
inferior conj	-5320 Sep 29 j 20:53	28°♌14'42	0°19'27
minimum elong	-5320 Sep 29 j 20:26	28°♌16'16	0°19'26
min. Earth dist.	-5320 Sep 29 j 23:19	28°♌06'20	0.67318 AU
morning rise	-5320 Oct 05 j 04:16	21°♌57'18	
direct	-5320 Oct 09 j 20:12	20°♌03'02	
morning max el	-5320 Oct 19 j 15:29	25°♌54'03	22°43'08
	-5320 Oct 23 j 08:28	0°♍	
greatest brilliancy	-5320 Oct 24 j 09:53	1°♍16'19	-0.3m
desc. node	-5320 Nov 11 j 08:05	26°♍16'31	
	-5320 Nov 13 j 18:40	0°♎	
morning set	-5320 Nov 22 j 11:02	13°♎46'18	
max. Earth dist.	-5320 Nov 27 j 15:16	22°♎24'49	1.40382 AU
	-5320 Dec 02 j 00:17	0°♏	
superior conj	-5320 Dec 05 j 09:05	6°♏01'19	-1°-51'-16
minimum elong	-5320 Dec 05 j 07:53	5°♏55'53	1°51'25
evening rise	-5320 Dec 15 j 05:31	24°♏23'59	
	-5320 Dec 18 j 04:52	0°♐	
asc. node	-5320 Dec 25 j 20:34	13°♐17'25	
evening max el	-5320 Dec 31 j 10:32	20°♐23'25	18°22'37
retrograde	-5319 Jan 07 j 19:09	24°♐01'59	
evening set	-5319 Jan 10 j 07:29	23°♐37'39	
inferior conj	-5319 Jan 17 j 14:27	18°♐58'26	4°03'16
minimum elong	-5319 Jan 17 j 15:47	18°♐55'41	4°02'55
min. Earth dist.	-5319 Jan 20 j 22:42	16°♐12'51	0.59375 AU
morning rise	-5319 Jan 24 j 20:56	13°♐31'30	
direct	-5319 Jan 31 j 07:41	11°♐42'07	
desc. node	-5319 Feb 07 j 07:56	13°♐42'19	
morning max el	-5319 Feb 14 j 12:40	19°♐14'59	26°53'14
	-5319 Feb 23 j 16:07	0°♑	
	-5319 Mar 13 j 12:04	0°♒	
morning set	-5319 Mar 16 j 16:18	6°♒28'17	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5319 Mar 23 j 18:35	21°♒43'52	0°00'-34
minimum elong	-5319 Mar 23 j 18:37	21°♒44'03	0°00'47
behind sun begin	-5319 Mar 23 j 13:38	21°♒16'45	
behind sun end	-5319 Mar 23 j 23:37	22°♒11'21	
max. Earth dist.	-5319 Mar 23 j 15:05	21°♒24'42	1.32628 AU
asc. node	-5319 Mar 23 j 19:55	21°♒51'08	
	-5319 Mar 27 j 13:39	0°♓	
evening rise	-5319 Mar 30 j 19:41	6°♓55'04	
	-5319 Apr 12 j 01:26	0°♈	
evening max el	-5319 Apr 28 j 16:10	22°♈02'53	26°15'27
desc. node	-5319 May 06 j 06:22	27°♈40'29	
retrograde	-5319 May 12 j 18:21	29°♈21'31	
evening set	-5319 May 18 j 22:16	27°♈46'45	
min. Earth dist.	-5319 May 23 j 04:57	25°♈03'57	0.59309 AU
inferior conj	-5319 May 26 j 14:08	22°♈27'16	-4°-3'-51
minimum elong	-5319 May 26 j 12:09	22°♈31'08	4°03'38
morning rise	-5319 Jun 03 j 05:49	17°♈55'13	
direct	-5319 Jun 05 j 17:05	17°♈33'49	
morning max el	-5319 Jun 13 j 09:34	21°♈14'14	18°25'38
asc. node	-5319 Jun 19 j 19:52	29°♈27'27	
	-5319 Jun 20 j 04:08	0°♉	
morning set	-5319 Jun 29 j 11:46	16°♉46'23	
	-5319 Jul 06 j 10:35	0°♊	
superior conj	-5319 Jul 08 j 18:49	4°♊21'23	1°49'26
minimum elong	-5319 Jul 08 j 19:18	4°♊23'36	1°49'42
max. Earth dist.	-5319 Jul 16 j 03:33	17°♊30'57	1.40193 AU
evening rise	-5319 Jul 20 j 17:35	25°♊17'22	
	-5319 Jul 23 j 14:25	0°♋	
desc. node	-5319 Aug 02 j 04:55	14°♋59'04	
	-5319 Aug 12 j 16:44	0°♌	
evening max el	-5319 Aug 24 j 09:35	14°♌09'48	23°26'03
retrograde	-5319 Sep 03 j 19:40	20°♌19'52	
evening set	-5319 Sep 08 j 19:29	18°♌15'08	
inferior conj	-5319 Sep 14 j 03:23	11°♌55'15	0°-33'-37
minimum elong	-5319 Sep 14 j 04:09	11°♌52'37	0°33'04
min. Earth dist.	-5319 Sep 13 j 19:34	12°♌22'06	0.67352 AU
asc. node	-5319 Sep 15 j 19:09	9°♌41'20	
morning rise	-5319 Sep 19 j 12:54	5°♌41'36	
direct	-5319 Sep 23 j 15:06	4°♌08'06	
morning max el	-5319 Oct 02 j 07:29	9°♌16'35	21°21'18
greatest brilliancy	-5319 Oct 07 j 15:26	15°♌28'12	-0.4m
	-5319 Oct 18 j 03:06	0°♍	
desc. node	-5319 Oct 29 j 04:56	16°♍40'25	
morning set	-5319 Nov 01 j 23:42	22°♍34'10	
	-5319 Nov 06 j 15:45	0°♎	
max. Earth dist.	-5319 Nov 09 j 18:21	5°♎03'14	1.42276 AU
superior conj	-5319 Nov 16 j 23:27	17°♎09'16	-1°-39'-49
minimum elong	-5319 Nov 16 j 18:54	16°♎49'43	1°39'35
	-5319 Nov 24 j 07:05	0°♏	
evening rise	-5319 Nov 28 j 06:20	7°♏09'23	
	-5319 Dec 11 j 21:56	0°♐	
asc. node	-5319 Dec 12 j 17:42	1°♐03'09	
evening max el	-5319 Dec 14 j 20:32	3°♐25'23	18°08'21
retrograde	-5319 Dec 21 j 15:06	6°♐54'49	
evening set	-5319 Dec 24 j 05:36	6°♐24'04	
inferior conj	-5319 Dec 31 j 00:00	1°♐23'01	4°04'18
minimum elong	-5319 Dec 30 j 22:41	1°♐26'10	4°03'58
	-5318 Jan 01 j 10:32	30°℞♏	
min. Earth dist.	-5318 Jan 03 j 00:46	28°♏30'08	0.61349 AU
morning rise	-5318 Jan 06 j 13:20	25°♏39'14	
direct	-5318 Jan 13 j 13:00	23°♏15'42	
desc. node	-5318 Jan 25 j 05:00	28°♏44'44	
	-5318 Jan 26 j 14:42	0°♐	
morning max el	-5318 Jan 27 j 14:04	0°♐55'39	27°34'00
	-5318 Feb 17 j 17:31	0°♑	
morning set	-5318 Feb 28 j 22:59	21°♑12'12	
	-5318 Mar 05 j 03:29	0°♒	
max. Earth dist.	-5318 Mar 07 j 03:24	4°♒18'36	1.32736 AU
superior conj	-5318 Mar 08 j 05:46	6°♒41'53	0°-25'-14
minimum elong	-5318 Mar 08 j 06:53	6°♒47'58	0°25'16
asc. node	-5318 Mar 10 j 16:53	12°♒04'02	
evening rise	-5318 Mar 15 j 06:33	21°♒52'49	
	-5318 Mar 19 j 05:53	0°♓	
	-5318 Apr 07 j 09:38	0°♈	
evening max el	-5318 Apr 10 j 10:38	3°♈09'35	24°58'09
desc. node	-5318 Apr 23 j 03:34	10°♈12'56	
retrograde	-5318 Apr 24 j 11:23	10°♈17'03	
evening set	-5318 Apr 29 j 11:14	9°♈19'36	
min. Earth dist.	-5318 May 04 j 23:02	6°♈24'34	0.57388 AU
inferior conj	-5318 May 07 j 22:44	4°♈24'28	-3°-27'-7
minimum elong	-5318 May 07 j 17:51	4°♈32'43	3°26'13
morning rise	-5318 May 16 j 04:45	0°♈12'22	
	-5318 May 17 j 08:30	30°℞♓	
direct	-5318 May 18 j 14:49	29°♓55'15	
	-5318 May 19 j 20:44	0°♈	
morning max el	-5318 May 27 j 12:18	4°♈04'32	19°09'16
asc. node	-5318 Jun 06 j 16:51	18°♈15'44	
	-5318 Jun 12 j 21:55	0°♉	
morning set	-5318 Jun 13 j 08:19	0°♉51'18	
superior conj	-5318 Jun 21 j 19:02	17°♉30'38	1°46'24
minimum elong	-5318 Jun 21 j 17:30	17°♉23'12	1°46'33
max. Earth dist.	-5318 Jun 28 j 04:35	29°♉31'40	1.38258 AU
	-5318 Jun 28 j 10:49	0°♊	
evening rise	-5318 Jul 02 j 03:12	6°♊33'37	
	-5318 Jul 16 j 13:36	0°♋	
desc. node	-5318 Jul 20 j 01:58	5°♋11'49	
evening max el	-5318 Aug 06 j 20:23	27°♋36'52	24°45'54
	-5318 Aug 09 j 10:14	0°♌	
retrograde	-5318 Aug 18 j 08:43	4°♌21'02	
evening set	-5318 Aug 23 j 23:38	1°♌57'12	
	-5318 Aug 25 j 22:12	30°℞♋	
min. Earth dist.	-5318 Aug 28 j 14:14	26°♋39'34	0.67080 AU
inferior conj	-5318 Aug 29 j 08:43	25°♋37'55	-1°-25'-36
minimum elong	-5318 Aug 29 j 10:39	25°♋31'29	1°24'35
asc. node	-5318 Sep 02 j 16:17	20°♋31'21	
morning rise	-5318 Sep 03 j 22:01	19°♋31'12	
direct	-5318 Sep 07 j 12:29	18°♋16'11	
morning max el	-5318 Sep 15 j 06:22	22°♋47'04	20°09'31
	-5318 Sep 21 j 05:53	0°♌	
greatest brilliancy	-5318 Sep 22 j 09:28	1°♌33'46	-0.6m
	-5318 Oct 11 j 10:09	0°♍	
morning set	-5318 Oct 11 j 22:46	0°♍48'52	
desc. node	-5318 Oct 16 j 01:47	7°♍14'28	
max. Earth dist.	-5318 Oct 23 j 04:17	18°♍28'41	1.43745 AU
superior conj	-5318 Oct 28 j 10:46	26°♍59'58	-1°-12'-43
minimum elong	-5318 Oct 28 j 04:15	26°♍33'20	1°12'00
	-5318 Oct 30 j 06:39	0°♎	
evening rise	-5318 Nov 10 j 14:03	19°♎05'58	
	-5318 Nov 16 j 22:20	0°♏	
evening max el	-5318 Nov 28 j 09:11	16°♏41'32	18°13'25
asc. node	-5318 Nov 29 j 14:53	17°♏51'04	
retrograde	-5318 Dec 04 j 22:43	20°♏13'14	
evening set	-5318 Dec 07 j 16:28	19°♏34'39	
inferior conj	-5318 Dec 14 j 00:33	14°♏13'08	3°44'45
minimum elong	-5318 Dec 13 j 21:43	14°♏20'46	3°44'04
min. Earth dist.	-5318 Dec 16 j 12:11	11°♏33'23	0.63164 AU
morning rise	-5318 Dec 20 j 01:14	8°♏16'59	
direct	-5318 Dec 27 j 02:40	5°♏32'44	
morning max el	-5317 Jan 09 j 20:37	13°♏14'44	27°38'42

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-5317 Jan 12 j 02:01	15°♏32'32	
	-5317 Jan 23 j 09:50	0°♐	
	-5317 Feb 10 j 03:40	0°♑	
morning set	-5317 Feb 12 j 23:40	5°♑34'32	
max. Earth dist.	-5317 Feb 18 j 10:40	16°♑51'39	1.33218 AU
superior conj	-5317 Feb 20 j 14:44	21°♑29'46	0°-49'-14
minimum elong	-5317 Feb 20 j 16:49	21°♑40'58	0°49'09
	-5317 Feb 24 j 13:23	0°♒	
asc. node	-5317 Feb 25 j 13:54	2°♒11'32	
evening rise	-5317 Feb 27 j 18:09	6°♒48'48	
	-5317 Mar 12 j 04:11	0°♓	
evening max el	-5317 Mar 23 j 02:57	13°♓55'41	23°26'08
retrograde	-5317 Apr 05 j 15:41	20°♓36'48	
evening set	-5317 Apr 09 j 08:36	20°♓06'43	
desc. node	-5317 Apr 10 j 00:49	19°♓55'03	
min. Earth dist.	-5317 Apr 16 j 14:26	16°♓47'37	0.55935 AU
inferior conj	-5317 Apr 18 j 11:35	15°♓40'23	-2°-12'-3
minimum elong	-5317 Apr 18 j 06:30	15°♓47'59	2°10'40
morning rise	-5317 Apr 27 j 07:41	11°♓40'38	
direct	-5317 Apr 29 j 18:11	11°♓25'52	
morning max el	-5317 May 10 j 05:31	16°♓18'50	20°13'03
	-5317 May 20 j 10:08	0°♈	
asc. node	-5317 May 24 j 13:48	7°♈34'08	
morning set	-5317 May 28 j 12:07	15°♈21'09	
	-5317 Jun 04 j 16:18	0°♉	
superior conj	-5317 Jun 05 j 08:33	1°♉21'58	1°35'45
minimum elong	-5317 Jun 05 j 06:00	1°♉09'07	1°35'40
max. Earth dist.	-5317 Jun 10 j 09:15	11°♉16'26	1.36479 AU
evening rise	-5317 Jun 14 j 12:00	19°♉00'12	
	-5317 Jun 20 j 17:15	0°♊	
desc. node	-5317 Jul 06 j 23:05	25°♊03'13	
	-5317 Jul 10 j 15:47	0°♋	
evening max el	-5317 Jul 20 j 07:01	11°♋06'44	25°57'09
retrograde	-5317 Aug 01 j 17:13	18°♋14'30	
evening set	-5317 Aug 07 j 22:49	15°♋35'28	
min. Earth dist.	-5317 Aug 12 j 04:48	10°♋55'59	0.66481 AU
inferior conj	-5317 Aug 13 j 11:03	9°♋20'04	-2°-14'-49
minimum elong	-5317 Aug 13 j 13:56	9°♋10'54	2°13'32
morning rise	-5317 Aug 19 j 05:42	3°♋23'42	
asc. node	-5317 Aug 20 j 13:24	2°♋44'43	
direct	-5317 Aug 22 j 10:46	2°♋24'07	
morning max el	-5317 Aug 29 j 12:04	6°♋24'59	19°11'28
	-5317 Sep 15 j 04:29	0°♌	
morning set	-5317 Sep 21 j 07:02	9°♌35'11	
desc. node	-5317 Oct 02 j 22:38	27°♌54'32	
	-5317 Oct 04 j 06:28	0°♍	
max. Earth dist.	-5317 Oct 05 j 19:52	2°♍27'37	1.44605 AU
superior conj	-5317 Oct 07 j 20:35	5°♍40'22	0°-30'-31
minimum elong	-5317 Oct 07 j 16:47	5°♍25'17	0°29'54
evening rise	-5317 Oct 22 j 23:41	0°♎02'55	
	-5317 Oct 22 j 22:58	0°♎	
	-5317 Nov 11 j 19:44	0°♏	
evening max el	-5317 Nov 11 j 21:38	0°♏04'55	18°36'48
asc. node	-5317 Nov 16 j 12:05	3°♏24'59	
retrograde	-5317 Nov 18 j 13:56	3°♏48'36	
evening set	-5317 Nov 21 j 12:33	3°♏00'13	
	-5317 Nov 25 j 04:09	30°℞♎	
inferior conj	-5317 Nov 27 j 12:21	27°♎20'39	3°11'29
minimum elong	-5317 Nov 27 j 09:03	27°♎30'23	3°10'31
min. Earth dist.	-5317 Nov 29 j 09:26	25°♎07'32	0.64676 AU
morning rise	-5317 Dec 03 j 04:22	21°♎14'57	
direct	-5317 Dec 09 j 23:01	18°♎25'26	
morning max el	-5317 Dec 23 j 05:50	26°♎02'33	27°09'36
	-5317 Dec 26 j 22:49	0°♏	

desc. node	-5317 Dec 29 j 22:59	3°♏34'35	
	-5316 Jan 16 j 22:10	0°♐	
morning set	-5316 Jan 27 j 15:18	19°♐24'51	
max. Earth dist.	-5316 Feb 01 j 09:12	28°♐53'11	1.34110 AU
	-5316 Feb 01 j 22:14	0°♑	
superior conj	-5316 Feb 04 j 19:30	6°♑00'30	-1°-11'-31
minimum elong	-5316 Feb 04 j 22:16	6°♑15'00	1°11'25
evening rise	-5316 Feb 12 j 04:41	21°♑36'25	
asc. node	-5316 Feb 12 j 10:57	22°♑09'00	
	-5316 Feb 16 j 08:05	0°♒	
evening max el	-5316 Mar 03 j 22:51	24°♒46'52	21°53'19
	-5316 Mar 11 j 23:05	0°♓	
retrograde	-5316 Mar 16 j 08:21	0°♓44'56	
evening set	-5316 Mar 19 j 03:08	0°♓27'43	
	-5316 Mar 20 j 21:36	30°℞♒	
desc. node	-5316 Mar 26 j 22:01	27°♒14'26	
inferior conj	-5316 Mar 28 j 10:08	26°♒23'52	0°-24'-43
minimum elong	-5316 Mar 28 j 08:59	26°♒25'29	0°24'32
min. Earth dist.	-5316 Mar 28 j 04:41	26°♒31'32	0.55249 AU
morning rise	-5316 Apr 06 j 15:36	22°♒22'57	
direct	-5316 Apr 09 j 08:56	22°♒06'23	
morning max el	-5316 Apr 21 j 11:46	27°♒51'40	21°35'21
	-5316 Apr 23 j 14:22	0°♓	
asc. node	-5316 May 10 j 10:45	27°♓15'09	
morning set	-5316 May 11 j 20:44	0°♈09'11	
	-5316 May 11 j 18:57	0°♈	
superior conj	-5316 May 19 j 07:26	15°♈44'06	1°19'43
minimum elong	-5316 May 19 j 04:41	15°♈29'49	1°19'23
max. Earth dist.	-5316 May 22 j 22:53	23°♈12'42	1.35003 AU
	-5316 May 26 j 09:04	0°♉	
evening rise	-5316 May 27 j 14:29	2°♉21'52	
	-5316 Jun 12 j 15:35	0°♊	
desc. node	-5316 Jun 22 j 20:14	14°♊24'05	
evening max el	-5316 Jul 01 j 18:18	24°♊33'39	26°51'30
	-5316 Jul 08 j 15:47	0°♋	
retrograde	-5316 Jul 14 j 20:33	1°♋54'19	
	-5316 Jul 20 j 11:04	30°℞♊	
evening set	-5316 Jul 21 j 14:42	29°♊07'20	
min. Earth dist.	-5316 Jul 25 j 12:54	25°♊07'00	0.65518 AU
inferior conj	-5316 Jul 27 j 08:20	22°♊58'49	-2°-59'-15
minimum elong	-5316 Jul 27 j 11:47	22°♊48'38	2°58'00
morning rise	-5316 Aug 02 j 09:56	17°♊16'11	
direct	-5316 Aug 05 j 07:50	16°♊29'01	
asc. node	-5316 Aug 06 j 10:28	16°♊35'47	
morning max el	-5316 Aug 11 j 23:07	20°♊08'27	18°29'23
	-5316 Aug 19 j 11:16	0°♋	
morning set	-5316 Aug 31 j 15:55	19°♋34'21	
	-5316 Sep 07 j 02:23	0°♌	
superior conj	-5316 Sep 15 j 19:57	13°♌55'14	0°18'39
minimum elong	-5316 Sep 15 j 22:21	14°♌04'45	0°18'35
max. Earth dist.	-5316 Sep 17 j 14:07	16°♌41'49	1.44750 AU
desc. node	-5316 Sep 18 j 19:32	18°♌37'53	
	-5316 Sep 26 j 00:57	0°♍	
evening rise	-5316 Oct 02 j 08:07	9°♍54'44	
greatest brilliancy	-5316 Oct 14 j 16:14	29°♍11'51	-0.7m
	-5316 Oct 15 j 04:56	0°♎	
evening max el	-5316 Oct 25 j 07:19	13°♎31'20	19°17'12
retrograde	-5316 Nov 01 j 09:27	17°♎35'57	
asc. node	-5316 Nov 02 j 09:15	17°♎30'17	
evening set	-5316 Nov 04 j 14:57	16°♎35'19	
inferior conj	-5316 Nov 10 j 08:18	10°♎40'43	2°29'16
minimum elong	-5316 Nov 10 j 05:18	10°♎50'14	2°28'15
min. Earth dist.	-5316 Nov 11 j 15:42	9°♎00'54	0.65837 AU
morning rise	-5316 Nov 15 j 18:50	4°♎27'58	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

direct	-5316 Nov 22 j 01:18	1°♎45'46		
morning max el	-5316 Dec 04 j 15:31	9°♎08'04	26°12'57	
desc. node	-5316 Dec 15 j 19:54	22°♎29'07		
	-5316 Dec 21 j 03:54	0°♏		
	-5315 Jan 08 j 09:13	0°♐		
morning set	-5315 Jan 09 j 17:53	2°♐31'02		
max. Earth dist.	-5315 Jan 13 j 20:32	10°♐21'25	1.35441 AU	
superior conj	-5315 Jan 18 j 17:42	20°♐06'27	-1°-30'-43	
minimum elong	-5315 Jan 18 j 20:37	20°♐21'20	1°30'42	
	-5315 Jan 23 j 12:48	0°♑		
evening rise	-5315 Jan 26 j 12:20	6°♑09'28		
asc. node	-5315 Jan 29 j 08:00	11°♑51'13		
	-5315 Feb 08 j 21:51	0°♒		
evening max el	-5315 Feb 14 j 03:10	6°♒04'09	20°30'57	
retrograde	-5315 Feb 24 j 22:34	11°♒11'34		
evening set	-5315 Feb 27 j 08:17	10°♒57'24		
inferior conj	-5315 Mar 08 j 06:41	6°♒59'09	1°28'56	
minimum elong	-5315 Mar 08 j 10:25	6°♒53'41	1°27'28	
min. Earth dist.	-5315 Mar 09 j 18:41	6°♒06'30	0.55479 AU	
desc. node	-5315 Mar 13 j 19:12	3°♒58'21		
morning rise	-5315 Mar 17 j 10:35	2°♒39'43		
direct	-5315 Mar 20 j 22:26	2°♒13'07		
morning max el	-5315 Apr 03 j 08:18	8°♒47'23	23°10'46	
	-5315 Apr 18 j 14:40	0°♓		
morning set	-5315 Apr 26 j 08:04	15°♓08'08		
asc. node	-5315 Apr 27 j 07:41	17°♓12'00		
	-5315 May 03 j 07:34	0°♈		
superior conj	-5315 May 03 j 12:37	0°♈27'00	0°59'53	
minimum elong	-5315 May 03 j 10:16	0°♈14'26	0°59'26	
max. Earth dist.	-5315 May 05 j 22:20	5°♈32'32	1.33888 AU	
evening rise	-5315 May 11 j 05:39	16°♈23'16		
	-5315 May 18 j 10:52	0°♉		
	-5315 Jun 07 j 04:47	0°♊		
desc. node	-5315 Jun 09 j 17:25	3°♊00'39		
evening max el	-5315 Jun 14 j 05:09	7°♊45'54	27°21'29	
retrograde	-5315 Jun 27 j 18:25	15°♊11'38		
evening set	-5315 Jul 04 j 20:17	12°♊27'45		
min. Earth dist.	-5315 Jul 08 j 12:24	9°♊03'44	0.64166 AU	
inferior conj	-5315 Jul 10 j 22:06	6°♊28'42	-3°-36'-17	
minimum elong	-5315 Jul 11 j 01:26	6°♊19'43	3°35'21	
morning rise	-5315 Jul 17 j 08:14	1°♊03'03		
direct	-5315 Jul 20 j 01:05	0°♊25'34		
asc. node	-5315 Jul 24 j 07:29	1°♊57'38		
morning max el	-5315 Jul 26 j 13:12	3°♊52'28	18°04'27	
	-5315 Aug 12 j 15:54	0°♋		
morning set	-5315 Aug 13 j 03:16	0°♋48'31		
superior conj	-5315 Aug 26 j 07:35	22°♋49'03	1°02'08	
minimum elong	-5315 Aug 26 j 13:31	23°♋13'11	1°01'45	
	-5315 Aug 30 j 18:36	0°♌		
max. Earth dist.	-5315 Aug 31 j 07:00	0°♌49'27	1.44167 AU	
desc. node	-5315 Sep 05 j 16:28	9°♌21'05		
evening rise	-5315 Sep 11 j 18:30	18°♌49'34		
	-5315 Sep 19 j 01:11	0°♍		
greatest brilliancy	-5315 Oct 01 j 15:22	18°♍31'01	-0.6m	
evening max el	-5315 Oct 08 j 12:05	26°♍57'48	20°13'04	
	-5315 Oct 12 j 00:21	0°♎		
retrograde	-5315 Oct 16 j 06:36	1°♎31'27		
evening set	-5315 Oct 19 j 21:11	0°♎15'52		
asc. node	-5315 Oct 20 j 06:23	29°♍58'57		
	-5315 Oct 20 j 05:50	30°℞♍		
inferior conj	-5315 Oct 25 j 09:48	24°♍09'46	1°41'18	
minimum elong	-5315 Oct 25 j 07:36	24°♍17'09	1°40'31	
min. Earth dist.	-5315 Oct 26 j 05:04	23°♍05'20	0.66651 AU	
morning rise	-5315 Oct 30 j 17:26	17°♍52'38		

direct	-5315 Nov 05 j 09:08	15°♍26'05		
morning max el	-5315 Nov 17 j 00:35	22°♍21'21	24°57'25	
	-5315 Nov 23 j 18:11	0°♎		
desc. node	-5315 Dec 02 j 16:48	12°♎00'55		
	-5315 Dec 14 j 11:16	0°♏		
morning set	-5315 Dec 23 j 02:15	14°♏38'29		
max. Earth dist.	-5315 Dec 26 j 21:25	21°♏31'09	1.37182 AU	
	-5315 Dec 31 j 09:13	0°♐		
superior conj	-5314 Jan 02 j 06:16	3°♐38'55	-1°-45'00	
minimum elong	-5314 Jan 02 j 08:31	3°♐49'56	1°45'09	
evening rise	-5314 Jan 10 j 15:03	20°♐21'49		
	-5314 Jan 15 j 13:34	0°♑		
asc. node	-5314 Jan 16 j 05:05	1°♑12'12		
evening max el	-5314 Jan 27 j 17:57	17°♑57'11	19°25'37	
retrograde	-5314 Feb 05 j 22:34	22°♑19'00		
evening set	-5314 Feb 08 j 07:39	22°♑02'46		
inferior conj	-5314 Feb 16 j 14:54	17°♑55'01	2°58'17	
minimum elong	-5314 Feb 16 j 20:04	17°♑46'31	2°56'46	
min. Earth dist.	-5314 Feb 19 j 09:23	16°♑06'13	0.56566 AU	
morning rise	-5314 Feb 25 j 04:54	13°♑06'38		
desc. node	-5314 Feb 28 j 16:19	12°♑19'39		
direct	-5314 Mar 01 j 21:44	12°♑16'09		
morning max el	-5314 Mar 15 j 23:43	19°♑25'13	24°48'41	
	-5314 Mar 24 j 21:08	0°♒		
morning set	-5314 Apr 10 j 20:24	0°♓11'48		
	-5314 Apr 10 j 18:09	0°♓		
asc. node	-5314 Apr 14 j 04:38	7°♓19'34		
superior conj	-5314 Apr 17 j 21:50	15°♓23'09	0°37'31	
minimum elong	-5314 Apr 17 j 20:15	15°♓14'34	0°37'06	
max. Earth dist.	-5314 Apr 19 j 05:51	18°♓16'08	1.33135 AU	
	-5314 Apr 24 j 19:23	0°♈		
evening rise	-5314 Apr 25 j 05:43	0°♈52'44		
	-5314 May 11 j 11:04	0°♉		
evening max el	-5314 May 27 j 13:37	20°♉31'50	27°21'22	
desc. node	-5314 May 27 j 14:35	20°♉34'10		
retrograde	-5314 Jun 10 j 10:15	27°♉57'31		
evening set	-5314 Jun 17 j 12:00	25°♉30'48		
min. Earth dist.	-5314 Jun 21 j 02:20	22°♉34'19	0.62450 AU	
inferior conj	-5314 Jun 24 j 01:26	19°♉43'51	-4°-1'-56	
minimum elong	-5314 Jun 24 j 03:39	19°♉38'32	4°01'30	
morning rise	-5314 Jun 30 j 21:43	14°♉37'45		
direct	-5314 Jul 03 j 11:20	14°♉07'45		
morning max el	-5314 Jul 10 j 03:42	17°♉31'29	17°57'34	
asc. node	-5314 Jul 11 j 04:29	18°♉36'05		
	-5314 Jul 19 j 01:56	0°♊		
morning set	-5314 Jul 26 j 12:50	13°♊06'03		
	-5314 Aug 05 j 03:03	0°♋		
superior conj	-5314 Aug 06 j 21:14	3°♋00'21	1°31'47	
minimum elong	-5314 Aug 07 j 02:11	3°♋21'19	1°31'41	
max. Earth dist.	-5314 Aug 13 j 19:28	14°♋31'58	1.42952 AU	
evening rise	-5314 Aug 21 j 21:47	27°♋26'42		
desc. node	-5314 Aug 23 j 13:25	0°♌00'57		
	-5314 Aug 23 j 13:10	0°♌		
	-5314 Sep 12 j 22:17	0°♍		
greatest brilliancy	-5314 Sep 16 j 05:29	4°♍20'08	-0.4m	
evening max el	-5314 Sep 21 j 10:37	10°♍22'39	21°21'52	
retrograde	-5314 Sep 30 j 03:13	15°♍31'47		
evening set	-5314 Oct 04 j 05:09	13°♍58'36		
asc. node	-5314 Oct 07 j 03:31	11°♍00'04		
inferior conj	-5314 Oct 09 j 14:40	7°♍44'34	0°49'54	
minimum elong	-5314 Oct 09 j 13:32	7°♍48'28	0°49'34	
min. Earth dist.	-5314 Oct 09 j 23:04	7°♍15'40	0.67154 AU	
morning rise	-5314 Oct 14 j 21:34	1°♍26'09		
	-5314 Oct 17 j 01:03	30°℞♌		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

direct	-5314 Oct 19 j 22:00	29°♌19'31	
	-5314 Oct 23 j 00:01	0°♍	
morning max el	-5314 Oct 30 j 09:54	5°♍36'15	23°32'31
	-5314 Nov 18 j 05:36	0°♎	
desc. node	-5314 Nov 19 j 13:39	1°♎58'33	
morning set	-5314 Dec 04 j 10:10	25°♎30'14	
	-5314 Dec 07 j 01:29	0°♏	
max. Earth dist.	-5314 Dec 08 j 17:17	2°♏52'47	1.39195 AU
superior conj	-5314 Dec 16 j 05:06	16°♏25'59	-1°-51'-54
minimum elong	-5314 Dec 16 j 05:31	16°♏27'58	1°52'07
	-5314 Dec 23 j 07:32	0°♐	
evening rise	-5314 Dec 25 j 10:14	4°♐05'52	
asc. node	-5313 Jan 03 j 02:10	20°♐03'49	
	-5313 Jan 10 j 08:54	0°♑	
evening max el	-5313 Jan 10 j 18:12	0°♑22'54	18°39'51
retrograde	-5313 Jan 18 j 15:40	4°♑12'30	
evening set	-5313 Jan 21 j 02:49	3°♑51'31	
	-5313 Jan 27 j 23:49	30°℞♐	
inferior conj	-5313 Jan 28 j 18:11	29°♐25'14	3°49'48
minimum elong	-5313 Jan 28 j 21:16	29°♐19'22	3°49'08
min. Earth dist.	-5313 Feb 01 j 02:07	26°♐54'03	0.58264 AU
morning rise	-5313 Feb 05 j 12:08	24°♐10'29	
direct	-5313 Feb 11 j 10:18	22°♐43'17	
desc. node	-5313 Feb 15 j 13:25	23°♐24'56	
	-5313 Feb 25 j 11:24	0°♑	
morning max el	-5313 Feb 25 j 15:52	0°♑10'45	26°14'38
	-5313 Mar 18 j 14:42	0°♒	
morning set	-5313 Mar 26 j 07:59	15°♒13'12	
asc. node	-5313 Apr 01 j 01:36	27°♒32'36	
superior conj	-5313 Apr 02 j 09:09	0°♓25'02	0°13'35
minimum elong	-5313 Apr 02 j 08:34	0°♓21'48	0°13'17
behind sun begin	-5313 Apr 02 j 05:52	0°♓07'03	
behind sun end	-5313 Apr 02 j 11:16	0°♓36'34	
	-5313 Apr 02 j 04:34	0°♓	
max. Earth dist.	-5313 Apr 02 j 18:08	1°♓14'05	1.32721 AU
evening rise	-5313 Apr 09 j 11:46	15°♓39'51	
	-5313 Apr 16 j 19:06	0°♈	
	-5313 May 07 j 02:15	0°♉	
evening max el	-5313 May 09 j 17:30	2°♉41'23	26°48'33
desc. node	-5313 May 14 j 11:47	6°♉38'29	
retrograde	-5313 May 23 j 18:45	10°♉03'29	
evening set	-5313 May 30 j 09:50	8°♉07'36	
min. Earth dist.	-5313 Jun 03 j 07:01	5°♉24'18	0.60476 AU
inferior conj	-5313 Jun 06 j 14:57	2°♉36'30	-4°-10'-13
minimum elong	-5313 Jun 06 j 14:47	2°♉36'51	4°10'06
	-5313 Jun 09 j 21:59	30°℞♈	
morning rise	-5313 Jun 13 j 23:02	27°♈51'39	
direct	-5313 Jun 16 j 10:51	27°♈27'28	
	-5313 Jun 22 j 13:36	0°♉	
morning max el	-5313 Jun 23 j 15:52	0°♉58'34	18°09'43
asc. node	-5313 Jun 28 j 01:30	6°♉15'45	
morning set	-5313 Jul 09 j 15:28	26°♉14'22	
	-5313 Jul 11 j 15:45	0°♊	
superior conj	-5313 Jul 19 j 13:45	14°♊31'59	1°46'38
minimum elong	-5313 Jul 19 j 15:49	14°♊41'12	1°46'51
max. Earth dist.	-5313 Jul 27 j 02:18	27°♊36'54	1.41275 AU
	-5313 Jul 28 j 12:25	0°♋	
evening rise	-5313 Aug 01 j 14:47	6°♋44'04	
desc. node	-5313 Aug 10 j 10:24	20°♋34'09	
	-5313 Aug 16 j 18:21	0°♌	
greatest brilliancy	-5313 Aug 30 j 08:02	18°♌24'37	-0.3m
evening max el	-5313 Sep 04 j 03:11	23°♌47'14	22°39'37
retrograde	-5313 Sep 13 j 21:40	29°♌34'59	
evening set	-5313 Sep 18 j 13:02	27°♌42'09	
inferior conj	-5313 Sep 23 j 21:04	21°♌23'39	0°-3'-2
minimum elong	-5313 Sep 23 j 21:08	21°♌23'26	0°02'50
transit middle	-5313 Sep 23 j 21:08	21°♌23'26	0°02'50
transit begin	-5313 Sep 23 j 18:29	21°♌32'36	
transit end	-5313 Sep 23 j 23:47	21°♌14'15	
min. Earth dist.	-5313 Sep 23 j 19:14	21°♌29'59	0.67363 AU
asc. node	-5313 Sep 24 j 00:40	21°♌11'15	
morning rise	-5313 Sep 29 j 05:07	15°♌07'17	
direct	-5313 Oct 03 j 15:05	13°♌21'47	
morning max el	-5313 Oct 12 j 22:26	18°♌54'28	22°07'25
greatest brilliancy	-5313 Oct 17 j 17:54	24°♌22'45	-0.4m
	-5313 Oct 22 j 02:07	0°♍	
desc. node	-5313 Nov 06 j 10:31	22°♍14'43	
	-5313 Nov 11 j 10:29	0°♎	
morning set	-5313 Nov 14 j 13:40	4°♎58'52	
max. Earth dist.	-5313 Nov 20 j 16:17	14°♎59'37	1.41224 AU
superior conj	-5313 Nov 28 j 09:03	28°♎14'46	-1°-48'-11
minimum elong	-5313 Nov 28 j 06:27	28°♎03'16	1°48'13
	-5313 Nov 29 j 08:45	0°♏	
evening rise	-5313 Dec 08 j 18:51	17°♏14'58	
	-5313 Dec 15 j 18:51	0°♐	
asc. node	-5313 Dec 20 j 23:17	8°♐16'56	
evening max el	-5313 Dec 25 j 01:31	13°♐14'19	18°14'08
retrograde	-5312 Jan 01 j 02:44	16°♐46'59	
evening set	-5312 Jan 03 j 16:04	16°♐19'57	
inferior conj	-5312 Jan 10 j 17:24	11°♐31'28	4°06'43
minimum elong	-5312 Jan 10 j 17:30	11°♐31'16	4°06'26
min. Earth dist.	-5312 Jan 13 j 23:36	8°♐40'01	0.60232 AU
morning rise	-5312 Jan 17 j 16:07	5°♐57'02	
direct	-5312 Jan 24 j 10:06	3°♐51'40	
desc. node	-5312 Feb 02 j 10:30	7°♐10'23	
morning max el	-5312 Feb 07 j 13:19	11°♐27'30	27°14'41
	-5312 Feb 22 j 02:32	0°♑	
morning set	-5312 Mar 09 j 17:03	0°♒05'42	
	-5312 Mar 09 j 15:57	0°♒	
superior conj	-5312 Mar 16 j 20:53	15°♒26'23	0°-11'-4
minimum elong	-5312 Mar 16 j 21:23	15°♒29'07	0°11'11
behind sun begin	-5312 Mar 16 j 17:49	15°♒09'39	
behind sun end	-5312 Mar 17 j 00:56	15°♒48'35	
max. Earth dist.	-5312 Mar 16 j 07:39	14°♒14'07	1.32639 AU
asc. node	-5312 Mar 17 j 22:35	17°♒46'53	
evening rise	-5312 Mar 23 j 21:28	0°♓36'16	
	-5312 Mar 23 j 14:34	0°♓	
	-5312 Apr 09 j 03:31	0°♈	
evening max el	-5312 Apr 20 j 15:24	14°♈10'04	25°45'11
desc. node	-5312 Apr 30 j 09:01	20°♈39'07	
retrograde	-5312 May 04 j 17:45	21°♈24'24	
evening set	-5312 May 10 j 10:39	20°♈06'22	
min. Earth dist.	-5312 May 15 j 04:03	17°♈19'57	0.58458 AU
inferior conj	-5312 May 18 j 10:57	14°♈56'44	-3°-52'-41
minimum elong	-5312 May 18 j 07:36	15°♈02'53	3°52'14
morning rise	-5312 May 26 j 08:32	10°♈33'18	
direct	-5312 May 28 j 19:20	10°♈13'46	
morning max el	-5312 Jun 05 j 22:48	14°♈04'49	18°41'42
asc. node	-5312 Jun 13 j 22:30	24°♈42'27	
	-5312 Jun 16 j 23:24	0°♉	
morning set	-5312 Jun 22 j 06:35	10°♉01'39	
superior conj	-5312 Jul 01 j 04:04	27°♉10'10	1°49'14
minimum elong	-5312 Jul 01 j 03:33	27°♉07'47	1°49'29
	-5312 Jul 02 j 16:23	0°♊	
max. Earth dist.	-5312 Jul 08 j 04:50	10°♊00'29	1.39366 AU
evening rise	-5312 Jul 12 j 09:12	17°♊15'09	
	-5312 Jul 20 j 03:59	0°♋	
desc. node	-5312 Jul 27 j 07:27	10°♋55'57	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5312 Aug 10 j 05:37	0°♌	
evening max el	-5312 Aug 16 j 15:25	7°♌12'57	24°00'39
retrograde	-5312 Aug 27 j 12:48	13°♌37'47	
evening set	-5312 Sep 01 j 19:03	11°♌24'44	
min. Earth dist.	-5312 Sep 06 j 15:02	5°♌46'31	0.67277 AU
inferior conj	-5312 Sep 07 j 03:16	5°♌05'00	0°-55'-53
minimum elong	-5312 Sep 07 j 04:32	5°♌00'40	0°55'07
asc. node	-5312 Sep 09 j 21:49	1°♌30'01	
	-5312 Sep 11 j 07:21	30°℞♋	
morning rise	-5312 Sep 12 j 14:12	28°♋54'00	
direct	-5312 Sep 16 j 11:15	27°♋28'32	
	-5312 Sep 22 j 04:28	0°♌	
morning max el	-5312 Sep 24 j 17:10	2°♌19'39	20°49'18
greatest brilliancy	-5312 Sep 30 j 16:00	9°♌23'42	-0.5m
	-5312 Oct 15 j 00:01	0°♍	
desc. node	-5312 Oct 23 j 07:22	12°♍43'20	
morning set	-5312 Oct 23 j 17:58	13°♍24'34	
max. Earth dist.	-5312 Nov 01 j 22:45	28°♍00'50	1.42969 AU
	-5312 Nov 03 j 04:03	0°♎	
superior conj	-5312 Nov 08 j 12:17	8°♎50'28	-1°-30'-21
minimum elong	-5312 Nov 08 j 06:31	8°♎26'15	1°29'53
evening rise	-5312 Nov 20 j 12:55	29°♎40'34	
	-5312 Nov 20 j 17:18	0°♏	
asc. node	-5312 Dec 06 j 20:25	25°♏39'50	
evening max el	-5312 Dec 07 j 13:00	26°♏23'11	18°08'12
retrograde	-5312 Dec 14 j 04:16	29°♏52'12	
evening set	-5312 Dec 16 j 20:05	29°♏18'09	
inferior conj	-5312 Dec 23 j 09:47	24°♏07'52	3°58'04
minimum elong	-5312 Dec 23 j 07:41	24°♏13'11	3°57'35
min. Earth dist.	-5312 Dec 26 j 05:13	21°♏18'49	0.62152 AU
morning rise	-5312 Dec 29 j 17:14	18°♏18'34	
direct	-5311 Jan 05 j 18:51	15°♏44'43	
desc. node	-5311 Jan 19 j 07:33	23°♏02'01	
morning max el	-5311 Jan 19 j 17:10	23°♏25'18	27°40'28
	-5311 Jan 25 j 15:55	0°♐	
	-5311 Feb 14 j 06:30	0°♑	
morning set	-5311 Feb 21 j 21:34	14°♑42'11	
max. Earth dist.	-5311 Feb 27 j 18:35	27°♑02'37	1.32900 AU
superior conj	-5311 Mar 01 j 07:23	0°♒21'28	0°-35'-33
minimum elong	-5311 Mar 01 j 08:56	0°♒29'52	0°35'31
	-5311 Mar 01 j 03:25	0°♒	
asc. node	-5311 Mar 04 j 19:34	7°♒58'31	
evening rise	-5311 Mar 08 j 08:56	15°♒35'01	
	-5311 Mar 15 j 15:16	0°♓	
evening max el	-5311 Apr 02 j 08:26	25°♓06'01	24°19'54
	-5311 Apr 08 j 19:32	0°♈	
retrograde	-5311 Apr 16 j 05:13	2°♈04'00	
desc. node	-5311 Apr 17 j 06:15	2°♈01'31	
evening set	-5311 Apr 20 j 15:55	1°♈19'43	
	-5311 Apr 23 j 19:30	30°℞♓	
min. Earth dist.	-5311 Apr 26 j 20:25	28°♓16'06	0.56700 AU
inferior conj	-5311 Apr 29 j 11:02	26°♓37'04	-3°00'-5
minimum elong	-5311 Apr 29 j 05:34	26°♓45'47	2°58'50
morning rise	-5311 May 07 j 23:15	22°♓31'41	
direct	-5311 May 10 j 09:23	22°♓15'47	
morning max el	-5311 May 19 j 21:47	26°♓41'26	19°34'00
	-5311 May 22 j 23:36	0°♈	
asc. node	-5311 May 31 j 19:30	13°♈45'15	
morning set	-5311 Jun 06 j 06:37	24°♈19'01	
	-5311 Jun 09 j 02:29	0°♉	
superior conj	-5311 Jun 14 j 10:34	10°♉39'44	1°42'41
minimum elong	-5311 Jun 14 j 08:29	10°♉29'29	1°42'44
max. Earth dist.	-5311 Jun 20 j 07:05	21°♉53'19	1.37474 AU
evening rise	-5311 Jun 24 j 05:23	29°♉03'24	

	-5311 Jun 24 j 18:06	0°♊	
	-5311 Jul 13 j 11:29	0°♋	
desc. node	-5311 Jul 14 j 04:32	1°♋00'53	
evening max el	-5311 Jul 30 j 01:52	20°♋41'21	25°17'39
retrograde	-5311 Aug 10 j 23:53	27°♋36'36	
evening set	-5311 Aug 16 j 21:21	25°♋05'22	
min. Earth dist.	-5311 Aug 21 j 08:08	20°♋03'59	0.66874 AU
inferior conj	-5311 Aug 22 j 07:32	18°♋47'28	-1°-46'-57
minimum elong	-5311 Aug 22 j 09:54	18°♋39'43	1°45'46
morning rise	-5311 Aug 27 j 22:57	12°♋45'02	
asc. node	-5311 Aug 27 j 18:58	12°♋51'46	
direct	-5311 Aug 31 j 09:09	11°♋37'02	
morning max el	-5311 Sep 07 j 19:08	15°♋53'48	19°43'00
greatest brilliancy	-5311 Sep 16 j 02:54	26°♋28'45	-0.6m
	-5311 Sep 18 j 12:55	0°♌	
morning set	-5311 Oct 02 j 18:12	21°♌45'15	
	-5311 Oct 08 j 01:06	0°♍	
desc. node	-5311 Oct 10 j 04:13	3°♍20'18	
max. Earth dist.	-5311 Oct 15 j 11:44	11°♍43'50	1.44193 AU
superior conj	-5311 Oct 19 j 11:45	18°♍07'34	0°-56'-21
minimum elong	-5311 Oct 19 j 05:41	17°♍43'13	0°55'34
	-5311 Oct 26 j 18:37	0°♎	
evening rise	-5311 Nov 02 j 11:47	11°♎12'59	
	-5311 Nov 13 j 19:40	0°♏	
evening max el	-5311 Nov 21 j 01:47	9°♏42'25	18°21'12
asc. node	-5311 Nov 23 j 17:35	11°♏58'04	
retrograde	-5311 Nov 27 j 15:43	13°♏18'29	
evening set	-5311 Nov 30 j 11:15	12°♏36'01	
inferior conj	-5311 Dec 06 j 15:32	7°♏06'12	3°32'00
minimum elong	-5311 Dec 06 j 12:23	7°♏15'03	3°31'11
min. Earth dist.	-5311 Dec 08 j 20:53	4°♏36'40	0.63839 AU
morning rise	-5311 Dec 12 j 12:03	1°♏05'29	
	-5311 Dec 14 j 00:19	30°℞♎	
direct	-5311 Dec 19 j 11:15	28°♎17'27	
	-5311 Dec 25 j 10:00	0°♏	
morning max el	-5310 Jan 02 j 01:24	5°♏58'45	27°30'21
desc. node	-5310 Jan 06 j 04:32	10°♏24'33	
	-5310 Jan 20 j 11:28	0°♐	
morning set	-5310 Feb 05 j 18:49	28°♐52'41	
	-5310 Feb 06 j 08:23	0°♑	
max. Earth dist.	-5310 Feb 10 j 22:45	9°♑24'29	1.33541 AU
superior conj	-5310 Feb 13 j 14:47	15°♑02'57	0°-58'-58
minimum elong	-5310 Feb 13 j 17:12	15°♑15'50	0°58'52
asc. node	-5310 Feb 19 j 16:34	28°♑02'28	
evening rise	-5310 Feb 20 j 20:16	0°♒28'25	
	-5310 Feb 20 j 14:51	0°♒	
	-5310 Mar 09 j 19:54	0°♓	
evening max el	-5310 Mar 15 j 01:19	5°♓50'42	22°45'57
retrograde	-5310 Mar 28 j 04:27	12°♓16'06	
evening set	-5310 Mar 31 j 10:24	11°♓52'58	
desc. node	-5310 Apr 04 j 03:29	10°♓35'43	
min. Earth dist.	-5310 Apr 08 j 11:06	8°♓19'54	0.55536 AU
inferior conj	-5310 Apr 09 j 16:42	7°♓37'16	-1°-29'-22
minimum elong	-5310 Apr 09 j 12:50	7°♓42'50	1°28'17
morning rise	-5310 Apr 18 j 17:47	3°♓39'27	
direct	-5310 Apr 21 j 05:51	3°♓24'44	
morning max el	-5310 May 02 j 10:32	8°♓39'10	20°46'01
	-5310 May 17 j 00:25	0°♈	
asc. node	-5310 May 18 j 16:27	3°♈14'15	
morning set	-5310 May 21 j 12:42	8°♈57'33	
superior conj	-5310 May 29 j 04:31	24°♈45'57	1°29'31
minimum elong	-5310 May 29 j 01:48	24°♈32'03	1°29'19
	-5310 May 31 j 18:38	0°♉	
max. Earth dist.	-5310 Jun 02 j 14:50	3°♉39'04	1.35808 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening rise	-5310 Jun 06 j 22:22	11°♉55'22	
	-5310 Jun 17 j 05:39	0°♊	
desc. node	-5310 Jul 01 j 01:41	20°♊40'57	
	-5310 Jul 08 j 13:46	0°♋	
evening max el	-5310 Jul 12 j 12:32	4°♋10'16	26°22'42
retrograde	-5310 Jul 25 j 06:23	11°♋25'30	
evening set	-5310 Jul 31 j 17:46	8°♋41'41	
min. Earth dist.	-5310 Aug 04 j 20:11	4°♋19'04	0.66118 AU
inferior conj	-5310 Aug 06 j 07:58	2°♋28'40	-2°-34'-26
minimum elong	-5310 Aug 06 j 11:10	2°♋18'50	2°33'07
	-5310 Aug 08 j 09:48	30°℞♊	
morning rise	-5310 Aug 12 j 05:25	26°♊37'56	
asc. node	-5310 Aug 14 j 16:04	25°♊46'25	
direct	-5310 Aug 15 j 07:03	25°♊44'12	
morning max el	-5310 Aug 22 j 03:26	29°♊35'06	18°51'31
	-5310 Aug 22 j 13:00	0°♋	
	-5310 Sep 11 j 20:49	0°♌	
morning set	-5310 Sep 12 j 11:54	1°♌00'07	
desc. node	-5310 Sep 27 j 01:05	24°♌02'26	
max. Earth dist.	-5310 Sep 28 j 04:29	25°♌50'25	1.44749 AU
superior conj	-5310 Sep 28 j 14:30	26°♌29'55	0°-9'-46
minimum elong	-5310 Sep 28 j 13:14	26°♌24'57	0°09'25
behind sun begin	-5310 Sep 28 j 03:47	25°♌47'42	
behind sun end	-5310 Sep 28 j 22:41	27°♌02'13	
	-5310 Sep 30 j 19:45	0°♍	
evening rise	-5310 Oct 14 j 10:53	21°♍42'44	
	-5310 Oct 19 j 14:22	0°♎	
evening max el	-5310 Nov 04 j 13:17	23°♎07'31	18°52'01
asc. node	-5310 Nov 10 j 14:45	26°♎56'11	
retrograde	-5310 Nov 11 j 09:08	26°♎59'29	
evening set	-5310 Nov 14 j 10:19	26°♎06'23	
inferior conj	-5310 Nov 20 j 07:10	20°♎20'07	2°54'28
minimum elong	-5310 Nov 20 j 03:55	20°♎30'03	2°53'28
min. Earth dist.	-5310 Nov 21 j 22:20	18°♎20'21	0.65204 AU
morning rise	-5310 Nov 25 j 20:27	14°♎10'51	
direct	-5310 Dec 02 j 10:20	11°♎22'55	
morning max el	-5310 Dec 15 j 11:08	18°♎56'11	26°48'28
desc. node	-5310 Dec 24 j 01:27	28°♎51'25	
	-5310 Dec 24 j 22:32	0°♏	
	-5309 Jan 13 j 10:28	0°♐	
morning set	-5309 Jan 20 j 05:28	12°♐26'19	
max. Earth dist.	-5309 Jan 24 j 16:32	21°♐10'49	1.34614 AU
superior conj	-5309 Jan 28 j 17:03	29°♐24'15	-1°-20'-8
minimum elong	-5309 Jan 28 j 19:58	29°♐39'21	1°20'04
	-5309 Jan 28 j 23:56	0°♑	
evening rise	-5309 Feb 05 j 05:47	15°♑10'28	
asc. node	-5309 Feb 06 j 13:36	17°♑54'07	
	-5309 Feb 12 j 20:15	0°♒	
evening max el	-5309 Feb 25 j 00:21	16°♒51'21	21°16'35
retrograde	-5309 Mar 08 j 18:52	22°♒28'12	
evening set	-5309 Mar 11 j 08:00	22°♒13'19	
inferior conj	-5309 Mar 20 j 12:39	18°♒14'07	0°24'40
minimum elong	-5309 Mar 20 j 13:46	18°♒12'31	0°24'02
min. Earth dist.	-5309 Mar 21 j 01:31	17°♒55'51	0.55232 AU
desc. node	-5309 Mar 22 j 00:39	17°♒23'17	
morning rise	-5309 Mar 29 j 18:59	14°♒06'50	
direct	-5309 Apr 01 j 18:23	13°♒47'24	
morning max el	-5309 Apr 14 j 12:24	19°♒55'26	22°14'43
	-5309 Apr 22 j 19:43	0°♓	
morning set	-5309 May 05 j 22:40	23°♓50'43	
asc. node	-5309 May 05 j 13:22	23°♓02'35	
	-5309 May 08 j 20:59	0°♈	
superior conj	-5309 May 13 j 06:23	9°♈18'01	1°11'42
minimum elong	-5309 May 13 j 03:45	9°♈04'08	1°11'18
max. Earth dist.	-5309 May 16 j 08:24	15°♈43'15	1.34487 AU
evening rise	-5309 May 21 j 06:46	25°♈35'46	
	-5309 May 23 j 13:57	0°♉	
	-5309 Jun 10 j 15:43	0°♊	
desc. node	-5309 Jun 17 j 22:52	9°♊45'03	
evening max el	-5309 Jun 24 j 23:49	17°♊32'27	27°07'39
retrograde	-5309 Jul 08 j 07:41	24°♊56'37	
evening set	-5309 Jul 15 j 05:40	22°♊09'32	
min. Earth dist.	-5309 Jul 19 j 00:58	18°♊25'03	0.64986 AU
inferior conj	-5309 Jul 21 j 02:22	16°♊04'26	-3°-16'-8
minimum elong	-5309 Jul 21 j 05:53	15°♊54'27	3°14'58
morning rise	-5309 Jul 27 j 07:24	10°♊28'30	
direct	-5309 Jul 30 j 02:49	9°♊45'52	
asc. node	-5309 Aug 01 j 13:07	10°♊17'20	
morning max el	-5309 Aug 05 j 16:03	13°♊19'18	18°16'32
	-5309 Aug 17 j 09:16	0°♋	
morning set	-5309 Aug 24 j 08:19	11°♋31'57	
	-5309 Sep 04 j 15:01	0°♌	
superior conj	-5309 Sep 07 j 16:30	4°♌54'18	0°38'28
minimum elong	-5309 Sep 07 j 21:01	5°♌12'18	0°38'10
max. Earth dist.	-5309 Sep 10 j 22:05	10°♌02'29	1.44585 AU
desc. node	-5309 Sep 13 j 22:00	14°♌46'15	
	-5309 Sep 23 j 15:35	0°♍	
evening rise	-5309 Sep 24 j 08:49	1°♍07'08	
greatest brilliancy	-5309 Oct 10 j 11:33	25°♍46'00	-0.7m
	-5309 Oct 13 j 11:41	0°♎	
evening max el	-5309 Oct 18 j 21:07	6°♎34'21	19°39'17
retrograde	-5309 Oct 26 j 05:31	10°♎50'17	
asc. node	-5309 Oct 28 j 11:55	10°♎20'25	
evening set	-5309 Oct 29 j 14:34	9°♎43'46	
inferior conj	-5309 Nov 04 j 05:43	3°♎44'08	2°09'27
minimum elong	-5309 Nov 04 j 03:01	3°♎52'57	2°08'31
min. Earth dist.	-5309 Nov 05 j 07:52	2°♎19'01	0.66226 AU
	-5309 Nov 07 j 04:35	30°℞♍	
morning rise	-5309 Nov 09 j 14:44	27°♍29'13	
direct	-5309 Nov 15 j 15:14	24°♍52'33	
	-5309 Nov 25 j 15:37	0°♎	
morning max el	-5309 Nov 27 j 20:19	2°♎05'01	25°42'29
desc. node	-5309 Dec 10 j 22:20	18°♎03'12	
	-5309 Dec 19 j 01:54	0°♏	
morning set	-5308 Jan 03 j 00:56	25°♏08'54	
	-5308 Jan 05 j 15:45	0°♐	
max. Earth dist.	-5308 Jan 06 j 22:31	2°♐25'36	1.36135 AU
superior conj	-5308 Jan 12 j 11:32	13°♐16'54	-1°-37'-31
minimum elong	-5308 Jan 12 j 14:18	13°♐30'42	1°37'34
evening rise	-5308 Jan 20 j 11:32	29°♐34'51	
	-5308 Jan 20 j 16:29	0°♑	
asc. node	-5308 Jan 24 j 10:39	7°♑27'48	
evening max el	-5308 Feb 07 j 09:10	28°♑23'39	20°00'56
	-5308 Feb 09 j 05:55	0°♒	
retrograde	-5308 Feb 17 j 11:17	3°♒09'45	
evening set	-5308 Feb 19 j 20:15	2°♒55'07	
	-5308 Feb 26 j 17:10	30°℞♑	
inferior conj	-5308 Feb 28 j 12:39	28°♑54'47	2°11'04
minimum elong	-5308 Feb 28 j 17:31	28°♑47'20	2°09'23
min. Earth dist.	-5308 Mar 01 j 15:43	27°♑37'05	0.55848 AU
desc. node	-5308 Mar 07 j 21:46	24°♑34'22	
morning rise	-5308 Mar 08 j 11:53	24°♑23'31	
direct	-5308 Mar 12 j 11:35	23°♑48'23	
	-5308 Mar 25 j 12:46	0°♒	
morning max el	-5308 Mar 26 j 05:48	0°♒39'43	23°52'52
	-5308 Apr 15 j 01:39	0°♓	
morning set	-5308 Apr 19 j 10:38	8°♓52'35	
asc. node	-5308 Apr 21 j 10:19	13°♓04'44	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5308 Apr 26 j 13:32	24°♓07'36	0°50'39
minimum elong	-5308 Apr 26 j 11:28	23°♓56'30	0°50'12
max. Earth dist.	-5308 Apr 28 j 11:45	28°♓14'47	1.33529 AU
	-5308 Apr 29 j 07:36	0°♈	
evening rise	-5308 May 04 j 02:09	9°♈51'04	
	-5308 May 14 j 22:51	0°♉	
desc. node	-5308 Jun 03 j 20:02	27°♉58'07	
	-5308 Jun 05 j 19:15	0°♊	
evening max el	-5308 Jun 06 j 10:13	0°♊36'30	27°25'26
retrograde	-5308 Jun 20 j 02:59	8°♊02'02	
evening set	-5308 Jun 27 j 05:51	5°♊24'05	
min. Earth dist.	-5308 Jun 30 j 20:39	2°♊12'53	0.63477 AU
	-5308 Jul 03 j 00:30	30°℞♉	
inferior conj	-5308 Jul 03 j 12:09	29°♉29'51	-3°-48'-52
minimum elong	-5308 Jul 03 j 15:09	29°♉22'07	3°48'09
morning rise	-5308 Jul 10 j 02:22	24°♉11'53	
direct	-5308 Jul 12 j 17:41	23°♉37'44	
asc. node	-5308 Jul 18 j 10:08	26°♉14'08	
morning max el	-5308 Jul 19 j 06:36	27°♉02'08	17°59'12
	-5308 Jul 21 j 21:01	0°♊	
morning set	-5308 Aug 05 j 05:53	23°♊15'47	
	-5308 Aug 09 j 03:07	0°♋	
superior conj	-5308 Aug 17 j 14:25	14°♋18'59	1°16'36
minimum elong	-5308 Aug 17 j 20:22	14°♋43'36	1°16'17
max. Earth dist.	-5308 Aug 23 j 13:42	24°♋02'57	1.43727 AU
	-5308 Aug 27 j 07:16	0°♌	
desc. node	-5308 Aug 30 j 18:58	5°♌28'53	
evening rise	-5308 Sep 02 j 13:49	9°♌48'43	
	-5308 Sep 15 j 21:39	0°♍	
greatest brilliancy	-5308 Sep 24 j 22:58	12°♍48'51	-0.5m
evening max el	-5308 Sep 30 j 23:27	20°♍00'53	20°40'57
retrograde	-5308 Oct 09 j 02:32	24°♍48'23	
evening set	-5308 Oct 12 j 21:47	23°♍25'31	
asc. node	-5308 Oct 14 j 09:04	22°♍09'20	
inferior conj	-5308 Oct 18 j 08:54	17°♍15'48	1°19'47
minimum elong	-5308 Oct 18 j 07:07	17°♍21'50	1°19'10
min. Earth dist.	-5308 Oct 18 j 23:25	16°♍26'36	0.66913 AU
morning rise	-5308 Oct 23 j 16:00	10°♍57'59	
direct	-5308 Oct 29 j 01:16	8°♍39'34	
morning max el	-5308 Nov 09 j 05:04	15°♍18'38	24°21'47
	-5308 Nov 21 j 06:58	0°♎	
desc. node	-5308 Nov 26 j 19:13	7°♎47'10	
	-5308 Dec 11 j 00:21	0°♏	
morning set	-5308 Dec 14 j 23:32	6°♏45'15	
max. Earth dist.	-5308 Dec 18 j 20:26	13°♏36'15	1.38026 AU
superior conj	-5308 Dec 25 j 18:49	26°♏31'29	-1°-49'-1
minimum elong	-5308 Dec 25 j 20:27	26°♏39'19	1°49'12
	-5308 Dec 27 j 13:57	0°♐	
evening rise	-5307 Jan 03 j 11:21	13°♐35'49	
asc. node	-5307 Jan 10 j 07:43	26°♐37'04	
	-5307 Jan 12 j 06:55	0°♑	
evening max el	-5307 Jan 20 j 04:10	10°♑30'47	19°03'39
retrograde	-5307 Jan 28 j 18:02	14°♑36'57	
evening set	-5307 Jan 31 j 04:05	14°♑18'47	
inferior conj	-5307 Feb 08 j 04:23	10°♑03'35	3°24'54
minimum elong	-5307 Feb 08 j 08:57	9°♑55'36	3°23'44
min. Earth dist.	-5307 Feb 11 j 06:38	7°♑54'43	0.57233 AU
morning rise	-5307 Feb 16 j 10:10	5°♑03'38	
direct	-5307 Feb 21 j 16:15	3°♑58'44	
desc. node	-5307 Feb 22 j 18:53	4°♑01'40	
morning max el	-5307 Mar 07 j 20:37	11°♑16'26	25°27'48
	-5307 Mar 22 j 04:39	0°♒	
morning set	-5307 Apr 03 j 22:52	23°♒56'12	
	-5307 Apr 06 j 19:13	0°♓	
asc. node	-5307 Apr 08 j 07:15	3°♓15'06	
superior conj	-5307 Apr 10 j 23:50	9°♓06'48	0°27'30
minimum elong	-5307 Apr 10 j 22:39	9°♓00'22	0°27'08
max. Earth dist.	-5307 Apr 11 j 21:56	11°♓07'00	1.32917 AU
evening rise	-5307 Apr 18 j 05:04	24°♓29'10	
	-5307 Apr 20 j 22:43	0°♈	
	-5307 May 08 j 16:27	0°♉	
evening max el	-5307 May 19 j 17:06	13°♉08'33	27°11'26
desc. node	-5307 May 21 j 17:14	14°♉57'50	
retrograde	-5307 Jun 02 j 15:36	20°♉32'19	
evening set	-5307 Jun 09 j 14:26	18°♉17'15	
min. Earth dist.	-5307 Jun 13 j 06:22	15°♉28'35	0.61638 AU
inferior conj	-5307 Jun 16 j 10:05	12°♉36'53	-4°-8'00
minimum elong	-5307 Jun 16 j 11:26	12°♉33'48	4°07'46
morning rise	-5307 Jun 23 j 11:10	7°♉39'38	
direct	-5307 Jun 26 j 00:03	7°♉12'07	
morning max el	-5307 Jul 02 j 20:27	10°♉37'13	18°00'22
asc. node	-5307 Jul 05 j 07:10	13°♉20'38	
	-5307 Jul 15 j 16:45	0°♊	
morning set	-5307 Jul 18 j 23:22	5°♊56'55	
superior conj	-5307 Jul 29 j 15:57	25°♊05'53	1°39'47
minimum elong	-5307 Jul 29 j 19:44	25°♊22'17	1°39'50
	-5307 Aug 01 j 12:21	0°♋	
max. Earth dist.	-5307 Aug 06 j 00:26	7°♋33'10	1.42290 AU
evening rise	-5307 Aug 12 j 20:42	18°♋36'52	
desc. node	-5307 Aug 17 j 15:57	26°♋06'37	
	-5307 Aug 20 j 04:59	0°♌	
greatest brilliancy	-5307 Sep 08 j 23:10	27°♌54'59	-0.4m
	-5307 Sep 10 j 16:38	0°♍	
evening max el	-5307 Sep 13 j 19:21	3°♍25'34	21°54'05
retrograde	-5307 Sep 22 j 22:27	8°♍50'46	
evening set	-5307 Sep 27 j 05:59	7°♍09'09	
asc. node	-5307 Oct 01 j 06:13	2°♍43'23	
inferior conj	-5307 Oct 02 j 14:39	0°♍52'41	0°27'32
minimum elong	-5307 Oct 02 j 14:01	0°♍54'52	0°27'24
min. Earth dist.	-5307 Oct 02 j 18:35	0°♍39'08	0.67282 AU
	-5307 Oct 03 j 05:57	30°℞♌	
morning rise	-5307 Oct 07 j 21:51	24°♌34'58	
direct	-5307 Oct 12 j 15:56	22°♌37'36	
morning max el	-5307 Oct 22 j 15:33	28°♌35'26	22°55'53
	-5307 Oct 23 j 23:47	0°♍	
greatest brilliancy	-5307 Oct 27 j 12:41	4°♍05'08	-0.3m
desc. node	-5307 Nov 13 j 16:07	27°♍53'51	
	-5307 Nov 15 j 01:26	0°♎	
morning set	-5307 Nov 25 j 19:37	17°♎02'06	
max. Earth dist.	-5307 Nov 30 j 17:27	25°♎17'19	1.40076 AU
	-5307 Dec 03 j 10:38	0°♏	
superior conj	-5307 Dec 08 j 10:21	8°♏55'54	-1°-51'-50
minimum elong	-5307 Dec 08 j 09:37	8°♏52'32	1°52'01
evening rise	-5307 Dec 18 j 02:33	27°♏06'47	
	-5307 Dec 19 j 14:59	0°♐	
asc. node	-5307 Dec 28 j 04:50	15°♐14'02	
evening max el	-5306 Jan 03 j 07:44	23°♐08'36	18°26'25
retrograde	-5306 Jan 10 j 19:25	26°♐49'41	
evening set	-5306 Jan 13 j 07:22	26°♐26'18	
inferior conj	-5306 Jan 20 j 16:27	21°♐50'28	4°00'45
minimum elong	-5306 Jan 20 j 18:14	21°♐46'50	4°00'19
min. Earth dist.	-5306 Jan 24 j 01:00	19°♐07'50	0.59082 AU
morning rise	-5306 Jan 28 j 01:49	16°♐26'20	
direct	-5306 Feb 03 j 09:35	14°♐42'40	
desc. node	-5306 Feb 09 j 15:58	16°♐18'48	
morning max el	-5306 Feb 17 j 15:00	22°♐14'33	26°44'10
	-5306 Feb 24 j 11:57	0°♑	
	-5306 Mar 14 j 23:43	0°♒	
morning set	-5306 Mar 19 j 09:39	8°♒55'14	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5306 Mar 26 j 11:33	24°♒09'26	0°03'10
minimum elong	-5306 Mar 26 j 11:25	24°♒08'43	0°02'58
behind sun begin	-5306 Mar 26 j 06:30	23°♒41'48	
behind sun end	-5306 Mar 26 j 16:20	24°♒35'39	
asc. node	-5306 Mar 26 j 04:14	23°♒29'23	
max. Earth dist.	-5306 Mar 26 j 11:19	24°♒08'10	1.32641 AU
	-5306 Mar 29 j 03:47	0°♓	
evening rise	-5306 Apr 02 j 12:57	9°♓21'15	
	-5306 Apr 13 j 08:18	0°♈	
evening max el	-5306 May 01 j 18:16	24°♈59'51	26°24'53
	-5306 May 08 j 04:27	0°♉	
desc. node	-5306 May 08 j 14:26	0°♉14'13	
retrograde	-5306 May 15 j 20:22	2°♉19'50	
evening set	-5306 May 22 j 03:34	0°♉39'20	
	-5306 May 23 j 07:33	30°℞♈	
min. Earth dist.	-5306 May 26 j 07:15	27°♈56'59	0.59609 AU
inferior conj	-5306 May 29 j 16:32	25°♈16'36	-4°-6'-32
minimum elong	-5306 May 29 j 15:03	25°♈19'34	4°06'21
morning rise	-5306 Jun 06 j 06:13	20°♈41'23	
direct	-5306 Jun 08 j 17:34	20°♈19'20	
morning max el	-5306 Jun 16 j 06:48	23°♈56'54	18°20'54
	-5306 Jun 21 j 06:14	0°♉	
asc. node	-5306 Jun 22 j 04:11	1°♉21'51	
morning set	-5306 Jul 02 j 07:46	19°♉22'50	
	-5306 Jul 07 j 22:10	0°♊	
superior conj	-5306 Jul 11 j 18:30	7°♊08'11	1°49'03
minimum elong	-5306 Jul 11 j 19:22	7°♊12'09	1°49'19
max. Earth dist.	-5306 Jul 19 j 04:57	20°♊19'39	1.40476 AU
evening rise	-5306 Jul 23 j 23:48	28°♊23'06	
	-5306 Jul 24 j 23:23	0°♋	
desc. node	-5306 Aug 04 j 12:59	16°♋35'36	
	-5306 Aug 13 j 18:56	0°♌	
greatest brilliancy	-5306 Aug 21 j 15:37	10°♌20'38	-0.2m
evening max el	-5306 Aug 27 j 09:36	16°♌49'38	23°14'02
retrograde	-5306 Sep 06 j 15:46	22°♌54'21	
evening set	-5306 Sep 11 j 13:19	20°♌52'43	
inferior conj	-5306 Sep 16 j 21:12	14°♌33'00	0°-25'-35
minimum elong	-5306 Sep 16 j 21:47	14°♌30'59	0°25'08
min. Earth dist.	-5306 Sep 16 j 14:56	14°♌54'33	0.67360 AU
asc. node	-5306 Sep 18 j 03:24	12°♌50'13	
morning rise	-5306 Sep 22 j 06:17	8°♌18'27	
direct	-5306 Sep 26 j 10:23	6°♌41'56	
morning max el	-5306 Oct 05 j 06:36	11°♌56'46	21°32'57
greatest brilliancy	-5306 Oct 10 j 10:29	17°♌54'20	-0.4m
	-5306 Oct 19 j 07:21	0°♍	
desc. node	-5306 Oct 31 j 12:58	18°♍15'52	
morning set	-5306 Nov 05 j 11:48	25°♍59'28	
	-5306 Nov 08 j 00:16	0°♎	
max. Earth dist.	-5306 Nov 12 j 19:10	7°♎46'37	1.42011 AU
superior conj	-5306 Nov 20 j 04:25	20°♎14'49	-1°-42'-32
minimum elong	-5306 Nov 20 j 00:21	19°♎57'16	1°42'23
	-5306 Nov 25 j 17:19	0°♏	
evening rise	-5306 Dec 01 j 05:32	9°♏58'37	
	-5306 Dec 12 j 19:56	0°♐	
asc. node	-5306 Dec 15 j 01:59	3°♐07'36	
evening max el	-5306 Dec 17 j 17:09	6°♐08'20	18°09'16
retrograde	-5306 Dec 24 j 13:11	9°♐38'12	
evening set	-5306 Dec 27 j 03:20	9°♐08'29	
inferior conj	-5305 Jan 02 j 23:28	4°♐10'47	4°05'37
minimum elong	-5305 Jan 02 j 22:28	4°♐13'06	4°05'18
min. Earth dist.	-5305 Jan 06 j 01:54	1°♐17'28	0.61064 AU
	-5305 Jan 07 j 14:04	30°℞♏	
morning rise	-5305 Jan 09 j 15:05	28°♏29'14	
direct	-5305 Jan 16 j 13:40	26°♏09'54	
	-5305 Jan 26 j 05:00	0°♐	
desc. node	-5305 Jan 27 j 13:02	1°♐02'17	
morning max el	-5305 Jan 30 j 15:23	3°♐49'08	27°30'03
	-5305 Feb 19 j 00:52	0°♑	
morning set	-5305 Mar 03 j 17:03	23°♑41'48	
	-5305 Mar 06 j 17:18	0°♒	
max. Earth dist.	-5305 Mar 10 j 00:01	7°♒03'53	1.32701 AU
superior conj	-5305 Mar 10 j 22:57	9°♒08'48	0°-21'-31
minimum elong	-5305 Mar 10 j 23:55	9°♒14'01	0°21'34
asc. node	-5305 Mar 13 j 01:13	13°♒42'58	
evening rise	-5305 Mar 17 j 23:35	24°♒19'03	
	-5305 Mar 20 j 17:43	0°♓	
	-5305 Apr 07 j 22:41	0°♈	
evening max el	-5305 Apr 13 j 13:34	6°♈11'58	25°10'52
desc. node	-5305 Apr 25 j 11:39	13°♈10'50	
retrograde	-5305 Apr 27 j 15:09	13°♈21'42	
evening set	-5305 May 02 j 19:30	12°♈19'16	
min. Earth dist.	-5305 May 08 j 02:07	9°♈26'46	0.57652 AU
inferior conj	-5305 May 11 j 04:09	7°♈20'08	-3°-35'-10
minimum elong	-5305 May 10 j 23:36	7°♈27'59	3°34'21
morning rise	-5305 May 19 j 07:57	3°♈05'14	
direct	-5305 May 21 j 18:09	2°♈47'34	
morning max el	-5305 May 30 j 10:43	6°♈51'51	19°01'30
asc. node	-5305 Jun 09 j 01:10	20°♈05'03	
	-5305 Jun 14 j 09:21	0°♉	
morning set	-5305 Jun 16 j 03:03	3°♉23'43	
superior conj	-5305 Jun 24 j 16:21	20°♉10'07	1°47'25
minimum elong	-5305 Jun 24 j 15:03	20°♉03'52	1°47'36
	-5305 Jun 29 j 22:05	0°♊	
max. Earth dist.	-5305 Jul 01 j 06:06	2°♊25'36	1.38540 AU
evening rise	-5305 Jul 05 j 05:37	9°♊28'21	
	-5305 Jul 17 j 19:58	0°♋	
desc. node	-5305 Jul 22 j 10:03	6°♋51'14	
	-5305 Aug 09 j 14:00	0°♌	
evening max el	-5305 Aug 09 j 20:46	0°♌16'54	24°34'25
retrograde	-5305 Aug 21 j 05:24	6°♌56'21	
evening set	-5305 Aug 26 j 18:01	4°♌35'20	
	-5305 Aug 30 j 19:37	30°℞♋	
min. Earth dist.	-5305 Aug 31 j 10:01	29°♋12'11	0.67140 AU
inferior conj	-5305 Sep 01 j 02:49	28°♋15'50	-1°-17'-52
minimum elong	-5305 Sep 01 j 04:35	28°♋09'55	1°16'54
asc. node	-5305 Sep 05 j 00:32	23°♋30'53	
morning rise	-5305 Sep 06 j 15:26	22°♋07'48	
direct	-5305 Sep 10 j 07:34	20°♋50'06	
morning max el	-5305 Sep 18 j 04:22	25°♋26'02	20°19'23
	-5305 Sep 22 j 03:26	0°♌	
greatest brilliancy	-5305 Sep 24 j 23:19	3°♌42'42	-0.6m
	-5305 Oct 12 j 17:29	0°♍	
morning set	-5305 Oct 15 j 11:27	4°♍14'50	
desc. node	-5305 Oct 18 j 09:51	8°♍48'47	
max. Earth dist.	-5305 Oct 26 j 04:09	21°♍06'03	1.43564 AU
superior conj	-5305 Oct 31 j 19:55	0°♎17'22	-1°-17'-52
minimum elong	-5305 Oct 31 j 13:27	29°♍50'48	1°17'13
	-5305 Oct 31 j 15:42	0°♎	
evening rise	-5305 Nov 13 j 16:03	22°♎02'53	
	-5305 Nov 18 j 06:04	0°♏	
evening max el	-5305 Dec 01 j 05:36	19°♏22'47	18°11'29
asc. node	-5305 Dec 01 j 23:07	20°♏05'07	
retrograde	-5305 Dec 07 j 19:16	22°♏53'19	
evening set	-5305 Dec 10 j 12:30	22°♏15'55	
inferior conj	-5305 Dec 16 j 21:59	16°♏57'17	3°48'40
minimum elong	-5305 Dec 16 j 19:18	17°♏04'23	3°48'03
min. Earth dist.	-5305 Dec 19 j 11:43	14°♏14'38	0.62914 AU
morning rise	-5305 Dec 23 j 00:17	11°♏02'55	
direct	-5305 Dec 30 j 02:08	8°♏20'48	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning max el	-5304 Jan 12 j 21:12	16°♏02'26	27°40'14
desc. node	-5304 Jan 14 j 10:03	17°♏36'07	
	-5304 Jan 24 j 11:03	0°♐	
	-5304 Feb 11 j 15:05	0°♑	
morning set	-5304 Feb 15 j 18:47	8°♑07'58	
max. Earth dist.	-5304 Feb 21 j 08:19	19°♑41'12	1.33124 AU
superior conj	-5304 Feb 23 j 08:22	23°♑58'45	0°-45'-40
minimum elong	-5304 Feb 23 j 10:19	24°♑09'15	0°45'37
	-5304 Feb 26 j 03:14	0°♒	
asc. node	-5304 Feb 27 j 22:12	3°♒51'39	
evening rise	-5304 Mar 01 j 11:11	9°♒15'59	
	-5304 Mar 12 j 08:25	0°♓	
evening max el	-5304 Mar 25 j 05:58	17°♓00'08	23°40'10
retrograde	-5304 Apr 07 j 21:12	23°♓45'56	
desc. node	-5304 Apr 11 j 08:52	23°♓19'06	
evening set	-5304 Apr 11 j 18:30	23°♓12'42	
min. Earth dist.	-5304 Apr 18 j 17:41	19°♓58'01	0.56111 AU
inferior conj	-5304 Apr 20 j 19:49	18°♓42'22	-2°-25'-52
minimum elong	-5304 Apr 20 j 14:28	18°♓50'28	2°24'29
morning rise	-5304 Apr 29 j 13:55	14°♓41'28	
direct	-5304 May 02 j 00:15	14°♓26'27	
morning max el	-5304 May 12 j 05:27	19°♓12'00	20°02'20
	-5304 May 20 j 15:18	0°♈	
asc. node	-5304 May 25 j 22:07	9°♈19'41	
morning set	-5304 May 30 j 05:56	17°♈50'36	
	-5304 Jun 05 j 05:16	0°♉	
superior conj	-5304 Jun 07 j 04:09	3°♉56'05	1°37'47
minimum elong	-5304 Jun 07 j 01:41	3°♉43'48	1°37'43
max. Earth dist.	-5304 Jun 12 j 10:04	14°♉12'08	1.36727 AU
evening rise	-5304 Jun 16 j 11:19	21°♉45'27	
	-5304 Jun 21 j 02:51	0°♊	
desc. node	-5304 Jul 08 j 07:10	26°♊46'32	
	-5304 Jul 10 j 15:46	0°♋	
evening max el	-5304 Jul 22 j 07:20	13°♋46'45	25°47'25
retrograde	-5304 Aug 03 j 14:28	20°♋51'22	
evening set	-5304 Aug 09 j 18:02	18°♋14'13	
min. Earth dist.	-5304 Aug 14 j 01:17	13°♋29'01	0.66596 AU
inferior conj	-5304 Aug 15 j 05:41	11°♋58'11	-2°-7'-39
minimum elong	-5304 Aug 15 j 08:27	11°♋49'21	2°06'22
morning rise	-5304 Aug 20 j 23:27	6°♋00'08	
asc. node	-5304 Aug 21 j 21:39	5°♋30'05	
direct	-5304 Aug 24 j 05:48	4°♋58'24	
morning max el	-5304 Aug 31 j 09:05	9°♋02'59	19°19'10
greatest brilliancy	-5304 Sep 11 j 01:16	23°♋16'13	-0.7m
	-5304 Sep 15 j 10:51	0°♌	
morning set	-5304 Sep 23 j 17:03	12°♌53'07	
desc. node	-5304 Oct 04 j 06:43	29°♌28'18	
	-5304 Oct 04 j 14:46	0°♍	
max. Earth dist.	-5304 Oct 07 j 19:19	5°♍02'06	1.44525 AU
superior conj	-5304 Oct 10 j 08:54	9°♍06'16	0°-37'-38
minimum elong	-5304 Oct 10 j 04:20	8°♍48'07	0°36'56
	-5304 Oct 23 j 07:15	0°♎	
evening rise	-5304 Oct 25 j 05:13	3°♎09'21	
	-5304 Nov 11 j 08:38	0°♏	
evening max el	-5304 Nov 13 j 18:11	2°♏45'16	18°32'12
asc. node	-5304 Nov 17 j 20:16	5°♏51'16	
retrograde	-5304 Nov 20 j 09:36	6°♏26'38	
evening set	-5304 Nov 23 j 07:24	5°♏39'47	
inferior conj	-5304 Nov 29 j 08:17	0°♏02'33	3°17'11
minimum elong	-5304 Nov 29 j 05:00	0°♏12'09	3°16'15
	-5304 Nov 29 j 09:10	30°℞♎	
min. Earth dist.	-5304 Dec 01 j 07:27	27°♎45'03	0.64470 AU
morning rise	-5304 Dec 05 j 01:21	23°♎58'09	
direct	-5304 Dec 11 j 21:23	21°♎08'41	
morning max el	-5304 Dec 25 j 06:14	28°♎46'56	27°15'59
	-5304 Dec 26 j 11:00	0°♏	
desc. node	-5304 Dec 31 j 07:00	5°♏28'34	
	-5303 Jan 17 j 06:01	0°♐	
morning set	-5303 Jan 29 j 12:00	22°♐04'11	
	-5303 Feb 02 j 11:15	0°♑	
max. Earth dist.	-5303 Feb 03 j 08:29	1°♑48'55	1.33946 AU
superior conj	-5303 Feb 06 j 13:53	8°♑32'49	-1°-8'-18
minimum elong	-5303 Feb 06 j 16:34	8°♑47'00	1°08'12
evening rise	-5303 Feb 13 j 21:59	24°♑05'44	
asc. node	-5303 Feb 13 j 19:12	23°♑51'12	
	-5303 Feb 16 j 19:07	0°♒	
evening max el	-5303 Mar 07 j 00:55	27°♒49'22	22°06'43
	-5303 Mar 09 j 13:36	0°♓	
retrograde	-5303 Mar 19 j 15:19	3°♓54'56	
evening set	-5303 Mar 22 j 12:39	3°♓36'29	
desc. node	-5303 Mar 29 j 06:03	0°♓55'57	
	-5303 Mar 30 j 22:39	30°℞♒	
inferior conj	-5303 Mar 31 j 19:54	29°♒30'01	0°-42'-12
minimum elong	-5303 Mar 31 j 17:58	29°♒32'46	0°41'45
min. Earth dist.	-5303 Mar 31 j 07:57	29°♒46'55	0.55295 AU
morning rise	-5303 Apr 10 j 00:34	25°♒30'38	
direct	-5303 Apr 12 j 16:12	25°♒14'45	
	-5303 Apr 23 j 14:26	0°♓	
morning max el	-5303 Apr 24 j 13:24	0°♓51'44	21°22'02
asc. node	-5303 May 12 j 19:03	28°♓58'04	
	-5303 May 13 j 07:18	0°♈	
morning set	-5303 May 14 j 13:57	2°♈36'43	
superior conj	-5303 May 22 j 01:50	18°♈14'38	1°22'26
minimum elong	-5303 May 21 j 23:05	18°♈00'21	1°22'08
max. Earth dist.	-5303 May 25 j 22:10	26°♈05'38	1.35203 AU
	-5303 May 27 j 21:25	0°♉	
evening rise	-5303 May 30 j 11:29	4°♉59'59	
	-5303 Jun 13 j 21:37	0°♊	
desc. node	-5303 Jun 25 j 04:18	16°♊12'44	
evening max el	-5303 Jul 04 j 18:26	27°♊14'13	26°44'42
	-5303 Jul 07 j 20:13	0°♋	
retrograde	-5303 Jul 17 j 18:34	4°♋33'37	
evening set	-5303 Jul 24 j 11:09	1°♋47'03	
	-5303 Jul 26 j 08:35	30°℞♊	
min. Earth dist.	-5303 Jul 28 j 10:23	27°♊41'05	0.65690 AU
inferior conj	-5303 Jul 30 j 03:49	25°♊37'21	-2°-52'-59
minimum elong	-5303 Jul 30 j 07:14	25°♊27'11	2°51'41
morning rise	-5303 Aug 05 j 04:19	19°♊52'38	
direct	-5303 Aug 08 j 03:08	19°♊03'51	
asc. node	-5303 Aug 08 j 18:43	19°♊06'11	
morning max el	-5303 Aug 14 j 19:29	22°♊45'51	18°34'35
	-5303 Aug 20 j 13:30	0°♋	
morning set	-5303 Sep 03 j 21:48	22°♋40'12	
	-5303 Sep 08 j 10:47	0°♌	
superior conj	-5303 Sep 19 j 08:17	17°♌20'29	0°11'19
minimum elong	-5303 Sep 19 j 09:47	17°♌26'23	0°11'21
behind sun begin	-5303 Sep 19 j 01:31	16°♌53'47	
behind sun end	-5303 Sep 19 j 18:02	17°♌58'59	
max. Earth dist.	-5303 Sep 20 j 13:20	19°♌15'04	1.44773 AU
desc. node	-5303 Sep 21 j 03:36	20°♌11'20	
	-5303 Sep 27 j 09:03	0°♍	
evening rise	-5303 Oct 05 j 17:24	13°♍10'53	
	-5303 Oct 16 j 09:33	0°♎	
evening max el	-5303 Oct 28 j 04:22	16°♎11'17	19°10'10
retrograde	-5303 Nov 04 j 04:41	20°♎12'30	
asc. node	-5303 Nov 04 j 17:26	20°♎10'53	
evening set	-5303 Nov 07 j 09:00	19°♎13'53	
inferior conj	-5303 Nov 13 j 03:11	13°♎21'14	2°36'07

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5303	Nov	13 j	00:06	13°♎30'56	2°35'05	minimum elong	-5302	Oct	28 j	01:40	26°♍57'11	1°48'02
min. Earth dist.	-5303	Nov	14 j	12:31	11°♎36'12	0.65681 AU	min. Earth dist.	-5302	Oct	29 j	01:02	25°♍39'30	0.66549 AU
morning rise	-5303	Nov	18 j	14:20	7°♎09'15		morning rise	-5302	Nov	02 j	11:55	20°♍32'37	
direct	-5303	Nov	24 j	22:45	4°♎25'20		direct	-5302	Nov	08 j	05:55	18°♍03'13	
morning max el	-5303	Dec	07 j	16:02	11°♎51'01	26°22'54	morning max el	-5302	Nov	20 j	01:09	25°♍03'39	25°09'29
desc. node	-5303	Dec	18 j	03:55	24°♎16'22			-5302	Nov	24 j	13:18	0°♎	
	-5303	Dec	22 j	07:16	0°♏		desc. node	-5302	Dec	05 j	00:48	13°♎43'24	
	-5302	Jan	09 j	19:52	0°♐			-5302	Dec	15 j	19:04	0°♏	
morning set	-5302	Jan	12 j	16:50	5°♐17'58		morning set	-5302	Dec	26 j	04:15	17°♏35'05	
max. Earth dist.	-5302	Jan	16 j	21:36	13°♐22'01	1.35210 AU	max. Earth dist.	-5302	Dec	29 j	23:33	24°♏31'35	1.36900 AU
								-5301	Jan	01 j	21:05	0°♐	
superior conj	-5302	Jan	21 j	13:12	22°♐42'53	-1°-28'-5							
minimum elong	-5302	Jan	21 j	16:08	22°♐57'57	1°28'03	superior conj	-5301	Jan	05 j	03:25	6°♐20'48	-1°-43'-17
	-5302	Jan	25 j	01:43	0°♑		minimum elong	-5301	Jan	05 j	05:50	6°♐32'43	1°43'23
evening rise	-5302	Jan	29 j	06:10	8°♑41'20		evening rise	-5301	Jan	13 j	09:45	22°♐56'49	
asc. node	-5302	Jan	31 j	16:14	13°♑36'03			-5301	Jan	16 j	23:22	0°♑	
	-5302	Feb	09 j	20:30	0°♒		asc. node	-5301	Jan	18 j	13:18	3°♑00'23	
evening max el	-5302	Feb	17 j	03:42	9°♒01'44	20°42'18	evening max el	-5301	Jan	30 j	16:57	20°♑49'08	19°34'09
retrograde	-5302	Feb	28 j	05:19	14°♒16'59		retrograde	-5301	Feb	09 j	02:59	25°♑16'46	
evening set	-5302	Mar	02 j	15:33	14°♒02'50		evening set	-5301	Feb	11 j	11:52	25°♑01'06	
inferior conj	-5302	Mar	11 j	15:50	10°♒04'47	1°12'35	inferior conj	-5301	Feb	19 j	21:34	20°♑55'41	2°47'06
minimum elong	-5302	Mar	11 j	18:58	10°♒00'14	1°11'19	minimum elong	-5301	Feb	20 j	02:47	20°♑47'16	2°45'29
min. Earth dist.	-5302	Mar	12 j	22:01	9°♒21'04	0.55383 AU	min. Earth dist.	-5301	Feb	22 j	12:39	19°♑14'29	0.56358 AU
desc. node	-5302	Mar	16 j	03:12	7°♒36'13		morning rise	-5301	Feb	28 j	14:11	16°♑11'36	
morning rise	-5302	Mar	20 j	20:48	5°♒48'57		desc. node	-5301	Mar	03 j	00:19	15°♑35'33	
direct	-5302	Mar	24 j	04:54	5°♒24'43		direct	-5301	Mar	05 j	02:31	15°♑25'30	
morning max el	-5302	Apr	06 j	11:16	11°♒52'37	22°56'01	morning max el	-5301	Mar	19 j	02:58	22°♑30'47	24°34'29
	-5302	Apr	19 j	22:02	0°♓			-5301	Mar	25 j	17:21	0°♒	
morning set	-5302	Apr	29 j	00:59	17°♓34'26			-5301	Apr	12 j	07:00	0°♓	
asc. node	-5302	Apr	29 j	15:59	18°♓52'52		morning set	-5301	Apr	13 j	13:16	2°♓37'28	
	-5302	May	04 j	21:23	0°♈		asc. node	-5301	Apr	16 j	12:56	8°♓58'47	
superior conj	-5302	May	06 j	06:16	2°♈55'09	1°03'05	superior conj	-5301	Apr	20 j	15:01	17°♓49'35	0°41'02
minimum elong	-5302	May	06 j	03:49	2°♈42'10	1°02'40	minimum elong	-5301	Apr	20 j	13:18	17°♓40'17	0°40'36
max. Earth dist.	-5302	May	08 j	20:06	8°♈21'07	1.34033 AU	max. Earth dist.	-5301	Apr	22 j	02:32	21°♓01'05	1.33226 AU
evening rise	-5302	May	14 j	01:01	18°♈56'21			-5301	Apr	26 j	08:31	0°♈	
	-5302	May	19 j	21:01	0°♉		evening rise	-5301	Apr	27 j	23:59	3°♈22'14	
	-5302	Jun	08 j	01:25	0°♊			-5301	May	12 j	16:12	0°♉	
desc. node	-5302	Jun	12 j	01:28	4°♊57'01		desc. node	-5301	May	29 j	22:39	22°♉41'38	
evening max el	-5302	Jun	17 j	05:23	10°♊29'11	27°18'46	evening max el	-5301	May	30 j	14:26	23°♉20'06	27°23'29
retrograde	-5302	Jun	30 j	17:25	17°♊54'55			-5301	Jun	09 j	07:25	0°♊	
evening set	-5302	Jul	07 j	18:31	15°♊09'40		retrograde	-5301	Jun	13 j	10:17	0°♊46'02	
min. Earth dist.	-5302	Jul	11 j	11:18	11°♊40'36	0.64391 AU		-5301	Jun	17 j	08:52	30°℞♉	
inferior conj	-5302	Jul	13 j	18:53	9°♊08'54	-3°-31'-20	evening set	-5301	Jun	20 j	12:35	28°♉15'59	
minimum elong	-5302	Jul	13 j	22:18	8°♊59'35	3°30'22	min. Earth dist.	-5301	Jun	24 j	02:49	25°♉16'01	0.62723 AU
morning rise	-5302	Jul	20 j	03:40	3°♊40'36		inferior conj	-5301	Jun	27 j	00:01	22°♉26'57	-3°-59'-3
direct	-5302	Jul	22 j	21:04	3°♊01'55		minimum elong	-5301	Jun	27 j	02:29	22°♉20'55	3°58'34
asc. node	-5302	Jul	26 j	15:46	4°♊15'11		morning rise	-5301	Jul	03 j	18:41	17°♉17'39	
morning max el	-5302	Jul	29 j	09:18	6°♊30'16	18°07'00	direct	-5301	Jul	06 j	08:38	16°♉46'41	
	-5302	Aug	14 j	00:38	0°♋		morning max el	-5301	Jul	12 j	23:55	20°♉10'25	17°57'22
morning set	-5302	Aug	16 j	05:24	3°♋43'44		asc. node	-5301	Jul	13 j	12:49	20°♉43'11	
								-5301	Jul	20 j	07:35	0°♊	
superior conj	-5302	Aug	29 j	16:54	26°♋05'23	0°56'21	morning set	-5301	Jul	29 j	12:04	15°♊52'53	
minimum elong	-5302	Aug	29 j	22:39	26°♋28'33	0°55'58		-5301	Aug	06 j	13:01	0°♋	
	-5302	Sep	01 j	03:14	0°♌								
max. Earth dist.	-5302	Sep	03 j	06:26	3°♌24'17	1.44293 AU	superior conj	-5301	Aug	10 j	02:24	6°♋04'10	1°28'17
desc. node	-5302	Sep	08 j	00:32	10°♌54'55		minimum elong	-5301	Aug	10 j	07:41	6°♋26'27	1°28'08
evening rise	-5302	Sep	15 j	06:26	22°♌12'29		max. Earth dist.	-5301	Aug	16 j	19:35	17°♋11'02	1.43168 AU
	-5302	Sep	20 j	07:43	0°♍			-5301	Aug	24 j	20:58	0°♌	
greatest brilliancy	-5302	Oct	04 j	05:06	20°♍40'24	-0.6m	evening rise	-5301	Aug	25 j	09:26	0°♌48'37	
evening max el	-5302	Oct	11 j	09:58	29°♍37'59	20°03'52	desc. node	-5301	Aug	25 j	21:30	1°♌35'33	
	-5302	Oct	11 j	18:38	0°♎			-5301	Sep	13 j	23:33	0°♍	
retrograde	-5302	Oct	19 j	01:45	4°♎06'59		greatest brilliancy	-5301	Sep	19 j	00:17	6°♍45'58	-0.5m
evening set	-5302	Oct	22 j	14:47	2°♎53'55		evening max el	-5301	Sep	24 j	09:32	13°♍03'09	21°10'59
asc. node	-5302	Oct	22 j	14:36	2°♎54'16		retrograde	-5301	Oct	02 j	22:31	18°♍06'33	
	-5302	Oct	25 j	16:05	30°℞♍		evening set	-5301	Oct	06 j	22:38	16°♍36'11	
inferior conj	-5302	Oct	28 j	04:00	26°♍49'23	1°48'53	asc. node	-5301	Oct	09 j	11:47	14°♍06'43	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

inferior conj	-5301 Oct 12 j 08:31	10°♍23'15	0°57'51
minimum elong	-5301 Oct 12 j 07:12	10°♍27'45	0°57'25
min. Earth dist.	-5301 Oct 12 j 18:31	9°♍49'00	0.67101 AU
morning rise	-5301 Oct 17 j 15:24	4°♍04'53	
direct	-5301 Oct 22 j 18:09	1°♍55'01	
morning max el	-5301 Nov 02 j 10:10	8°♍17'47	23°45'20
	-5301 Nov 19 j 10:13	0°♎	
desc. node	-5301 Nov 21 j 21:42	3°♎37'38	
morning set	-5301 Dec 07 j 16:10	28°♎38'40	
	-5301 Dec 08 j 11:15	0°♏	
max. Earth dist.	-5301 Dec 11 j 19:32	5°♏48'25	1.38890 AU
superior conj	-5301 Dec 19 j 04:37	19°♏15'23	-1°-51'-29
minimum elong	-5301 Dec 19 j 05:24	19°♏19'05	1°51'41
	-5301 Dec 24 j 19:06	0°♐	
evening rise	-5301 Dec 28 j 06:15	6°♐45'17	
asc. node	-5300 Jan 05 j 10:24	21°♐56'47	
	-5300 Jan 10 j 19:38	0°♑	
evening max el	-5300 Jan 13 j 15:58	3°♑10'19	18°45'23
retrograde	-5300 Jan 21 j 17:15	7°♑03'33	
evening set	-5300 Jan 24 j 04:09	6°♑43'18	
inferior conj	-5300 Jan 31 j 21:47	2°♑20'05	3°44'27
minimum elong	-5300 Feb 01 j 01:18	2°♑13'32	3°43'39
min. Earth dist.	-5300 Feb 04 j 04:51	29°♐53'59	0.57987 AU
	-5300 Feb 04 j 01:28	30°℞♐	
morning rise	-5300 Feb 08 j 18:50	27°♐09'02	
direct	-5300 Feb 14 j 13:10	25°♐47'41	
desc. node	-5300 Feb 17 j 21:26	26°♐14'53	
	-5300 Feb 25 j 01:18	0°♑	
morning max el	-5300 Feb 28 j 18:32	3°♑12'53	26°03'16
	-5300 Mar 18 j 23:33	0°♒	
morning set	-5300 Mar 28 j 01:07	17°♒39'43	
asc. node	-5300 Apr 02 j 09:54	29°♒11'14	
	-5300 Apr 02 j 18:50	0°♓	
superior conj	-5300 Apr 04 j 02:10	2°♓51'08	0°17'17
minimum elong	-5300 Apr 04 j 01:25	2°♓47'02	0°16'58
max. Earth dist.	-5300 Apr 04 j 14:26	3°♓58'08	1.32760 AU
evening rise	-5300 Apr 11 j 05:20	18°♓07'34	
	-5300 Apr 17 j 05:17	0°♈	
	-5300 May 06 j 14:28	0°♉	
evening max el	-5300 May 11 j 19:18	5°♉36'26	26°55'34
desc. node	-5300 May 15 j 19:50	9°♉01'55	
retrograde	-5300 May 25 j 19:56	12°♉58'48	
evening set	-5300 Jun 01 j 13:22	10°♉57'44	
min. Earth dist.	-5300 Jun 05 j 08:51	8°♉13'33	0.60780 AU
inferior conj	-5300 Jun 08 j 15:54	5°♉24'07	-4°-10'-29
minimum elong	-5300 Jun 08 j 16:10	5°♉23'33	4°10'21
morning rise	-5300 Jun 15 j 22:06	0°♉35'54	
direct	-5300 Jun 18 j 10:11	0°♉10'51	
morning max el	-5300 Jun 25 j 12:39	3°♉40'04	18°06'38
asc. node	-5300 Jun 29 j 09:51	8°♉14'50	
morning set	-5300 Jul 11 j 12:33	28°♉55'00	
	-5300 Jul 12 j 02:33	0°♊	
superior conj	-5300 Jul 21 j 15:14	17°♊24'48	1°45'15
minimum elong	-5300 Jul 21 j 17:45	17°♊35'57	1°45'25
	-5300 Jul 28 j 22:01	0°♋	
max. Earth dist.	-5300 Jul 29 j 03:37	0°♋23'34	1.41552 AU
evening rise	-5300 Aug 03 j 23:25	9°♋57'26	
desc. node	-5300 Aug 11 j 18:31	22°♋10'09	
	-5300 Aug 16 j 23:40	0°♌	
greatest brilliancy	-5300 Sep 01 j 09:26	21°♌08'52	-0.3m
evening max el	-5300 Sep 06 j 03:00	26°♌27'49	22°27'39
	-5300 Sep 10 j 04:09	0°♍	
retrograde	-5300 Sep 15 j 17:21	2°♍09'27	
evening set	-5300 Sep 20 j 06:40	0°♍19'34	
	-5300 Sep 20 j 15:53	30°℞♌	
asc. node	-5300 Sep 25 j 08:58	24°♌21'47	
inferior conj	-5300 Sep 25 j 14:50	24°♌01'33	0°04'59
minimum elong	-5300 Sep 25 j 14:43	24°♌01'59	0°05'08
transit middle	-5300 Sep 25 j 14:43	24°♌01'59	0°05'08
transit begin	-5300 Sep 25 j 12:09	24°♌10'49	
transit end	-5300 Sep 25 j 17:16	23°♌53'08	
min. Earth dist.	-5300 Sep 25 j 14:29	24°♌02'45	0.67356 AU
morning rise	-5300 Sep 30 j 22:37	17°♌44'48	
direct	-5300 Oct 05 j 10:40	15°♌56'13	
morning max el	-5300 Oct 14 j 22:03	21°♌35'07	22°19'44
greatest brilliancy	-5300 Oct 19 j 16:02	26°♌57'52	-0.3m
	-5300 Oct 22 j 01:43	0°♍	
desc. node	-5300 Nov 07 j 18:35	23°♍51'16	
	-5300 Nov 11 j 18:14	0°♎	
morning set	-5300 Nov 16 j 23:52	8°♎18'53	
max. Earth dist.	-5300 Nov 22 j 17:57	17°♎48'13	1.40935 AU
	-5300 Nov 29 j 19:13	0°♏	
superior conj	-5300 Nov 30 j 11:45	1°♏13'34	-1°-49'-35
minimum elong	-5300 Nov 30 j 09:39	1°♏04'15	1°49'41
evening rise	-5300 Dec 10 j 16:39	19°♏59'59	
	-5300 Dec 16 j 02:36	0°♐	
asc. node	-5300 Dec 22 j 07:32	10°♐16'23	
evening max el	-5300 Dec 26 j 22:24	15°♐58'18	18°16'42
retrograde	-5299 Jan 03 j 01:56	19°♐32'42	
evening set	-5299 Jan 05 j 14:57	19°♐06'35	
inferior conj	-5299 Jan 12 j 18:12	14°♐21'18	4°06'00
minimum elong	-5299 Jan 12 j 18:43	14°♐20'12	4°05'42
min. Earth dist.	-5299 Jan 16 j 01:18	11°♐31'29	0.59932 AU
morning rise	-5299 Jan 19 j 19:34	8°♐49'25	
direct	-5299 Jan 26 j 11:17	6°♐49'33	
desc. node	-5299 Feb 03 j 18:31	9°♐38'07	
morning max el	-5299 Feb 09 j 15:07	14°♐24'16	27°07'55
	-5299 Feb 22 j 04:57	0°♑	
	-5299 Mar 11 j 04:46	0°♒	
morning set	-5299 Mar 12 j 10:41	2°♒34'03	
max. Earth dist.	-5299 Mar 19 j 04:07	16°♒59'15	1.32629 AU
superior conj	-5299 Mar 19 j 13:55	17°♒52'51	0°-7'-18
minimum elong	-5299 Mar 19 j 14:15	17°♒54'40	0°07'28
behind sun begin	-5299 Mar 19 j 09:49	17°♒30'22	
behind sun end	-5299 Mar 19 j 18:42	18°♒18'58	
asc. node	-5299 Mar 20 j 06:51	19°♒25'25	
	-5299 Mar 25 j 03:58	0°♓	
evening rise	-5299 Mar 26 j 14:38	3°♓03'03	
	-5299 Apr 10 j 05:54	0°♈	
evening max el	-5299 Apr 23 j 18:04	17°♈10'48	25°56'18
desc. node	-5299 May 02 j 17:04	23°♈23'43	
retrograde	-5299 May 07 j 20:22	24°♈26'38	
evening set	-5299 May 13 j 17:24	23°♈02'45	
min. Earth dist.	-5299 May 18 j 06:43	20°♈17'59	0.58752 AU
inferior conj	-5299 May 21 j 14:44	17°♈49'40	-3°-57'-30
minimum elong	-5299 May 21 j 11:51	17°♈55'03	3°57'08
morning rise	-5299 May 29 j 10:13	13°♈23'16	
direct	-5299 May 31 j 21:13	13°♈03'03	
morning max el	-5299 Jun 08 j 20:33	16°♈50'00	18°35'40
asc. node	-5299 Jun 16 j 06:50	26°♈35'03	
	-5299 Jun 18 j 07:24	0°♉	
morning set	-5299 Jun 25 j 02:03	12°♉37'08	
superior conj	-5299 Jul 04 j 02:43	29°♉54'19	1°49'31
minimum elong	-5299 Jul 04 j 02:32	29°♉53'31	1°49'45
	-5299 Jul 04 j 03:56	0°♊	
max. Earth dist.	-5299 Jul 11 j 06:47	12°♊53'45	1.39658 AU
evening rise	-5299 Jul 15 j 13:50	20°♊16'40	
	-5299 Jul 21 j 12:01	0°♋	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-5299 Jul 29 j 15:34	12°♋34'03	
	-5299 Aug 11 j 03:26	0°♌	
evening max el	-5299 Aug 19 j 15:40	9°♌53'01	23°48'34
retrograde	-5299 Aug 30 j 09:04	16°♌12'42	
evening set	-5299 Sep 04 j 13:06	14°♌02'28	
inferior conj	-5299 Sep 09 j 21:10	7°♌42'37	0°-47'-59
minimum elong	-5299 Sep 09 j 22:16	7°♌38'53	0°47'17
min. Earth dist.	-5299 Sep 09 j 10:29	8°♌19'04	0.67312 AU
asc. node	-5299 Sep 12 j 06:08	4°♌35'31	
morning rise	-5299 Sep 15 j 07:35	1°♌30'43	
direct	-5299 Sep 19 j 06:23	0°♌02'30	
morning max el	-5299 Sep 27 j 15:50	4°♌59'26	21°00'15
greatest brilliancy	-5299 Oct 03 j 08:51	11°♌42'52	-0.5m
	-5299 Oct 16 j 05:59	0°♍	
desc. node	-5299 Oct 25 j 15:28	14°♍18'26	
morning set	-5299 Oct 27 j 06:46	16°♍51'21	
	-5299 Nov 04 j 12:59	0°♎	
max. Earth dist.	-5299 Nov 04 j 23:20	0°♎42'05	1.42735 AU
superior conj	-5299 Nov 11 j 18:59	12°♎00'47	-1°-34'-4
minimum elong	-5299 Nov 11 j 13:35	11°♎38'01	1°33'43
	-5299 Nov 22 j 02:55	0°♏	
evening rise	-5299 Nov 23 j 13:12	2°♏32'53	
asc. node	-5299 Dec 09 j 04:40	27°♏47'51	
evening max el	-5299 Dec 10 j 09:25	29°♏04'59	18°07'52
	-5299 Dec 11 j 08:53	0°♐	
retrograde	-5299 Dec 17 j 01:42	2°♐34'01	
evening set	-5299 Dec 19 j 17:01	2°♐01'10	
	-5299 Dec 22 j 23:17	30°℞♏	
inferior conj	-5299 Dec 26 j 08:18	26°♏53'59	4°00'37
minimum elong	-5299 Dec 26 j 06:27	26°♏58'34	4°00'12
min. Earth dist.	-5299 Dec 29 j 05:38	24°♏03'16	0.61873 AU
morning rise	-5298 Jan 01 j 17:43	21°♏06'30	
direct	-5298 Jan 08 j 18:49	18°♏36'03	
desc. node	-5298 Jan 21 j 15:33	25°♏13'06	
morning max el	-5298 Jan 22 j 18:12	26°♏16'30	27°38'58
	-5298 Jan 26 j 06:50	0°♐	
	-5298 Feb 15 j 15:55	0°♑	
morning set	-5298 Feb 24 j 16:00	17°♑13'24	
max. Earth dist.	-5298 Mar 02 j 15:40	29°♑50'12	1.32838 AU
	-5298 Mar 02 j 17:29	0°♒	
superior conj	-5298 Mar 04 j 00:41	2°♒49'03	0°-31'-52
minimum elong	-5298 Mar 04 j 02:05	2°♒56'39	0°31'52
asc. node	-5298 Mar 07 j 03:49	9°♒37'34	
evening rise	-5298 Mar 11 j 01:55	18°♒01'36	
	-5298 Mar 17 j 00:54	0°♓	
evening max el	-5298 Apr 05 j 11:24	28°♓09'31	24°33'26
	-5298 Apr 07 j 12:40	0°♈	
retrograde	-5298 Apr 19 j 09:46	5°♈11'15	
desc. node	-5298 Apr 19 j 14:15	5°♈11'10	
evening set	-5298 Apr 24 j 01:09	4°♈22'32	
min. Earth dist.	-5298 Apr 29 j 23:31	1°♈22'09	0.56932 AU
	-5298 May 02 j 02:35	30°℞♓	
inferior conj	-5298 May 02 j 17:43	29°♓35'25	-3°-10'-35
minimum elong	-5298 May 02 j 12:22	29°♓44'05	3°09'26
morning rise	-5298 May 11 j 03:46	25°♓27'56	
direct	-5298 May 13 j 13:52	25°♓11'39	
morning max el	-5298 May 22 j 20:51	29°♓31'09	19°24'57
	-5298 May 23 j 08:54	0°♈	
asc. node	-5298 Jun 03 j 03:47	15°♈32'23	
morning set	-5298 Jun 09 j 00:52	26°♈49'48	
	-5298 Jun 10 j 14:57	0°♉	
superior conj	-5298 Jun 17 j 07:05	13°♉16'41	1°44'10
minimum elong	-5298 Jun 17 j 05:10	13°♉07'21	1°44'14
max. Earth dist.	-5298 Jun 23 j 08:19	24°♉47'56	1.37743 AU
	-5298 Jun 26 j 04:54	0°♊	
evening rise	-5298 Jun 27 j 06:21	1°♊53'27	
	-5298 Jul 14 j 15:59	0°♋	
desc. node	-5298 Jul 16 j 12:39	2°♋41'47	
evening max el	-5298 Aug 02 j 02:07	23°♋20'34	25°06'45
	-5298 Aug 12 j 01:59	0°♌	
retrograde	-5298 Aug 13 j 20:52	0°♌12'19	
	-5298 Aug 15 j 14:03	30°℞♋	
evening set	-5298 Aug 19 j 16:03	27°♋43'32	
min. Earth dist.	-5298 Aug 24 j 04:08	22°♋36'27	0.66952 AU
inferior conj	-5298 Aug 25 j 01:49	21°♋25'01	-1°-39'-25
minimum elong	-5298 Aug 25 j 04:02	21°♋17'42	1°38'17
asc. node	-5298 Aug 30 j 03:15	15°♋45'00	
morning rise	-5298 Aug 30 j 16:27	15°♋21'03	
direct	-5298 Sep 03 j 04:05	14°♋10'44	
morning max el	-5298 Sep 10 j 16:44	18°♋32'17	19°51'58
greatest brilliancy	-5298 Sep 18 j 13:16	28°♋24'25	-0.6m
	-5298 Sep 19 j 16:07	0°♌	
morning set	-5298 Oct 06 j 06:03	25°♌08'22	
	-5298 Oct 09 j 09:02	0°♍	
desc. node	-5298 Oct 12 j 12:20	4°♍54'23	
max. Earth dist.	-5298 Oct 18 j 11:15	14°♍18'56	1.44049 AU
superior conj	-5298 Oct 22 j 22:29	21°♍29'02	-1°-2'-29
minimum elong	-5298 Oct 22 j 16:08	21°♍03'24	1°01'42
	-5298 Oct 28 j 03:36	0°♎	
evening rise	-5298 Nov 05 j 15:14	14°♎13'38	
	-5298 Nov 15 j 00:14	0°♏	
evening max el	-5298 Nov 23 j 22:09	12°♏22'43	18°18'06
asc. node	-5298 Nov 26 j 01:50	14°♏16'37	
retrograde	-5298 Nov 30 j 11:50	15°♏57'08	
evening set	-5298 Dec 03 j 06:41	15°♏16'06	
inferior conj	-5298 Dec 09 j 12:15	9°♏49'11	3°36'46
minimum elong	-5298 Dec 09 j 09:12	9°♏57'38	3°36'00
min. Earth dist.	-5298 Dec 11 j 19:50	7°♏15'43	0.63608 AU
morning rise	-5298 Dec 15 j 10:08	3°♏49'54	
direct	-5298 Dec 22 j 10:14	1°♏02'51	
morning max el	-5297 Jan 05 j 01:54	8°♏44'50	27°33'58
desc. node	-5297 Jan 08 j 12:31	12°♏23'25	
	-5297 Jan 21 j 16:24	0°♐	
	-5297 Feb 07 j 20:43	0°♑	
morning set	-5297 Feb 08 j 14:30	1°♑28'01	
max. Earth dist.	-5297 Feb 13 j 20:57	12°♑15'50	1.33418 AU
superior conj	-5297 Feb 16 j 08:38	17°♑32'37	0°-55'-32
minimum elong	-5297 Feb 16 j 10:57	17°♑44'56	0°55'26
asc. node	-5297 Feb 22 j 00:48	29°♑42'39	
	-5297 Feb 22 j 04:04	0°♒	
evening rise	-5297 Feb 23 j 13:20	2°♒55'39	
	-5297 Mar 10 j 15:31	0°♓	
evening max el	-5297 Mar 18 j 03:55	8°♓53'57	22°59'56
retrograde	-5297 Mar 31 j 10:50	15°♓25'20	
evening set	-5297 Apr 03 j 20:19	15°♓00'05	
desc. node	-5297 Apr 06 j 11:25	14°♓08'38	
min. Earth dist.	-5297 Apr 11 j 14:26	11°♓32'10	0.55659 AU
inferior conj	-5297 Apr 13 j 01:43	10°♓40'47	-1°-45'-12
minimum elong	-5297 Apr 12 j 21:20	10°♓47'11	1°43'58
morning rise	-5297 Apr 22 j 01:10	6°♓42'36	
direct	-5297 Apr 24 j 12:30	6°♓27'59	
morning max el	-5297 May 05 j 11:12	11°♓34'50	20°34'07
	-5297 May 18 j 10:05	0°♈	
asc. node	-5297 May 21 j 00:42	4°♈57'40	
morning set	-5297 May 24 j 06:11	11°♈25'17	
superior conj	-5297 May 31 j 23:32	27°♈17'53	1°31'51
minimum elong	-5297 May 31 j 20:51	27°♈04'17	1°31'41
	-5297 Jun 02 j 07:35	0°♉	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-5297 Jun 05 j 14:47	6°♉32'24	1.36034 AU
evening rise	-5297 Jun 09 j 20:34	14°♉36'50	
	-5297 Jun 18 j 14:12	0°♊	
desc. node	-5297 Jul 03 j 09:44	22°♊26'00	
	-5297 Jul 09 j 07:20	0°♋	
evening max el	-5297 Jul 15 j 12:44	6°♋49'57	26°14'10
retrograde	-5297 Jul 28 j 04:07	14°♋02'59	
evening set	-5297 Aug 03 j 13:29	11°♋20'41	
min. Earth dist.	-5297 Aug 07 j 17:07	6°♋52'06	0.66250 AU
inferior conj	-5297 Aug 09 j 02:56	5°♋06'43	-2°-27'-34
minimum elong	-5297 Aug 09 j 06:02	4°♋57'04	2°26'15
	-5297 Aug 13 j 20:42	30°℞♊	
morning rise	-5297 Aug 14 j 23:22	29°♊13'53	
asc. node	-5297 Aug 17 j 00:19	28°♊24'48	
direct	-5297 Aug 18 j 02:08	28°♊18'11	
	-5297 Aug 22 j 12:05	0°♋	
morning max el	-5297 Aug 25 j 00:09	2°♋12'33	18°58'11
	-5297 Sep 13 j 04:29	0°♌	
morning set	-5297 Sep 15 j 20:14	4°♌12'43	
desc. node	-5297 Sep 29 j 09:13	25°♌36'02	
max. Earth dist.	-5297 Oct 01 j 03:34	28°♌22'57	1.44715 AU
superior conj	-5297 Oct 02 j 03:21	29°♌56'51	0°-17'-14
minimum elong	-5297 Oct 02 j 01:08	29°♌48'05	0°16'48
	-5297 Oct 02 j 04:09	0°♍	
evening rise	-5297 Oct 17 j 18:05	24°♍53'02	
	-5297 Oct 20 j 21:49	0°♎	
evening max el	-5297 Nov 07 j 10:02	25°♎47'13	18°46'20
asc. node	-5297 Nov 12 j 22:59	29°♎27'37	
retrograde	-5297 Nov 14 j 04:30	29°♎36'03	
evening set	-5297 Nov 17 j 04:44	28°♎44'40	
inferior conj	-5297 Nov 23 j 02:35	23°♎00'44	3°00'42
minimum elong	-5297 Nov 22 j 23:19	23°♎10'39	2°59'42
min. Earth dist.	-5297 Nov 24 j 19:50	20°♎56'07	0.65030 AU
morning rise	-5297 Nov 28 j 16:45	16°♎52'40	
direct	-5297 Dec 05 j 08:27	14°♎03'49	
morning max el	-5297 Dec 18 j 11:27	21°♎38'44	26°56'21
	-5297 Dec 25 j 20:17	0°♏	
desc. node	-5297 Dec 26 j 09:29	0°♏41'42	
	-5296 Jan 14 j 19:59	0°♐	
morning set	-5296 Jan 23 j 02:57	15°♐07'22	
max. Earth dist.	-5296 Jan 27 j 16:17	24°♐06'28	1.34426 AU
	-5296 Jan 30 j 13:18	0°♑	
superior conj	-5296 Jan 31 j 11:49	1°♑57'02	-1°-17'-10
minimum elong	-5296 Jan 31 j 14:41	2°♑12'00	1°17'03
evening rise	-5296 Feb 07 j 23:13	17°♑39'22	
asc. node	-5296 Feb 08 j 21:50	19°♑36'11	
	-5296 Feb 14 j 04:39	0°♒	
evening max el	-5296 Feb 28 j 01:47	19°♒50'49	21°29'12
retrograde	-5296 Mar 11 j 01:46	25°♒35'07	
evening set	-5296 Mar 13 j 16:33	25°♒19'38	
inferior conj	-5296 Mar 22 j 22:18	21°♒19'17	0°07'03
minimum elong	-5296 Mar 22 j 22:37	21°♒18'50	0°06'45
transit middle	-5296 Mar 22 j 22:37	21°♒18'50	0°06'45
transit begin	-5296 Mar 22 j 18:54	21°♒24'05	
transit end	-5296 Mar 23 j 02:20	21°♒13'36	
min. Earth dist.	-5296 Mar 23 j 04:50	21°♒10'03	0.55216 AU
desc. node	-5296 Mar 23 j 08:35	21°♒04'46	
morning rise	-5296 Apr 01 j 04:34	17°♒14'33	
direct	-5296 Apr 04 j 01:35	16°♒56'17	
morning max el	-5296 Apr 16 j 14:32	22°♒56'37	22°00'41
	-5296 Apr 22 j 17:59	0°♓	
asc. node	-5296 May 06 j 21:37	24°♓43'28	
morning set	-5296 May 07 j 15:41	26°♓16'42	
	-5296 May 09 j 10:27	0°♈	

superior conj	-5296 May 15 j 00:23	11°♈46'30	1°14'37
minimum elong	-5296 May 14 j 21:42	11°♈32'25	1°14'16
max. Earth dist.	-5296 May 18 j 06:59	18°♈33'38	1.34661 AU
evening rise	-5296 May 23 j 02:59	28°♈10'56	
	-5296 May 24 j 01:40	0°♉	
	-5296 Jun 10 j 19:14	0°♊	
desc. node	-5296 Jun 19 j 06:52	11°♊36'08	
evening max el	-5296 Jun 27 j 00:04	20°♊13'58	27°02'33
retrograde	-5296 Jul 10 j 06:05	27°♊36'58	
evening set	-5296 Jul 17 j 02:49	24°♊49'47	
min. Earth dist.	-5296 Jul 20 j 23:08	20°♊59'44	0.65180 AU
inferior conj	-5296 Jul 22 j 22:24	18°♊43'25	-3°-10'-18
minimum elong	-5296 Jul 23 j 01:54	18°♊33'19	3°09'08
morning rise	-5296 Jul 29 j 02:11	13°♊05'01	
direct	-5296 Jul 31 j 22:26	12°♊20'49	
asc. node	-5296 Aug 02 j 21:23	12°♊41'29	
morning max el	-5296 Aug 07 j 12:13	15°♊56'11	18°20'39
	-5296 Aug 17 j 15:40	0°♋	
morning set	-5296 Aug 26 j 12:35	14°♋32'56	
	-5296 Sep 04 j 23:50	0°♌	
superior conj	-5296 Sep 10 j 03:53	8°♌16'12	0°31'37
minimum elong	-5296 Sep 10 j 07:45	8°♌31'31	0°31'22
max. Earth dist.	-5296 Sep 12 j 21:24	12°♌35'48	1.44659 AU
desc. node	-5296 Sep 15 j 06:08	16°♌19'37	
	-5296 Sep 23 j 23:22	0°♍	
evening rise	-5296 Sep 26 j 19:32	4°♍26'31	
greatest brilliancy	-5296 Oct 11 j 19:37	27°♍33'04	-0.7m
	-5296 Oct 13 j 12:04	0°♎	
evening max el	-5296 Oct 20 j 18:35	9°♎14'07	19°31'16
retrograde	-5296 Oct 28 j 00:37	13°♎25'48	
asc. node	-5296 Oct 29 j 20:10	13°♎06'42	
evening set	-5296 Oct 31 j 08:25	12°♎21'21	
inferior conj	-5296 Nov 06 j 00:18	6°♎23'28	2°16'40
minimum elong	-5296 Nov 05 j 21:29	6°♎32'34	2°15'40
min. Earth dist.	-5296 Nov 07 j 04:15	4°♎53'11	0.66099 AU
morning rise	-5296 Nov 11 j 09:47	0°♎09'19	
	-5296 Nov 11 j 14:05	30°℞♍	
direct	-5296 Nov 17 j 12:28	27°♍30'32	
	-5296 Nov 24 j 06:13	0°♎	
morning max el	-5296 Nov 29 j 20:47	4°♎46'30	25°53'30
desc. node	-5296 Dec 12 j 06:26	19°♎47'52	
	-5296 Dec 19 j 07:47	0°♏	
morning set	-5295 Jan 05 j 01:04	27°♏58'44	
	-5295 Jan 06 j 03:16	0°♐	
max. Earth dist.	-5295 Jan 09 j 00:09	5°♐25'56	1.35882 AU
superior conj	-5295 Jan 14 j 07:42	15°♐54'51	-1°-35'-14
minimum elong	-5295 Jan 14 j 10:32	16°♐09'09	1°35'15
	-5295 Jan 21 j 04:49	0°♑	
evening rise	-5295 Jan 22 j 05:43	2°♑07'14	
asc. node	-5295 Jan 25 j 18:53	9°♑13'10	
	-5295 Feb 08 j 01:58	0°♒	
evening max el	-5295 Feb 09 j 09:04	1°♒18'07	20°11'06
retrograde	-5295 Feb 19 j 17:08	6°♒11'28	
evening set	-5295 Feb 22 j 02:16	5°♒57'04	
inferior conj	-5295 Mar 02 j 20:53	1°♒57'47	1°56'41
minimum elong	-5295 Mar 03 j 01:26	1°♒50'55	1°55'01
min. Earth dist.	-5295 Mar 04 j 18:57	0°♒48'47	0.55700 AU
	-5295 Mar 06 j 04:47	30°℞♑	
desc. node	-5295 Mar 10 j 05:45	28°♑03'48	
morning rise	-5295 Mar 11 j 22:00	27°♑30'54	
direct	-5295 Mar 15 j 17:24	26°♑59'05	
	-5295 Mar 24 j 17:35	0°♒	
morning max el	-5295 Mar 29 j 08:56	3°♒44'39	23°38'08
	-5295 Apr 16 j 12:15	0°♓	
morning set	-5295 Apr 22 j 03:32	11°♓18'00	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5295 Apr 23 j 18:35	14°♓43'58		
	-5295 Apr 29 j 06:57	26°♓34'11	0°54'00	
superior conj				
minimum elong	-5295 Apr 29 j 04:46	26°♓22'31	0°53'34	
	-5295 Apr 30 j 21:30	0°♈		
max. Earth dist.	-5295 May 01 j 09:09	1°♈01'49	1.33649 AU	
evening rise	-5295 May 06 j 21:01	12°♈21'55		
	-5295 May 16 j 07:30	0°♉		
desc. node	-5295 Jun 06 j 04:02	29°♉57'56		
	-5295 Jun 06 j 04:47	0°♊		
evening max el	-5295 Jun 09 j 10:46	3°♊21'27	27°24'39	
retrograde	-5295 Jun 23 j 02:16	10°♊46'50		
evening set	-5295 Jun 30 j 05:00	8°♊06'31		
min. Earth dist.	-5295 Jul 03 j 20:10	4°♊51'03	0.63731 AU	
inferior conj	-5295 Jul 06 j 09:40	2°♊10'38	-3°-44'-41	
minimum elong	-5295 Jul 06 j 12:48	2°♊02'23	3°43'54	
	-5295 Jul 08 j 13:23	30°℞♉		
morning rise	-5295 Jul 12 j 22:26	26°♉49'52		
direct	-5295 Jul 15 j 14:16	26°♉14'34		
asc. node	-5295 Jul 20 j 18:26	28°♉26'14		
morning max el	-5295 Jul 22 j 02:41	29°♉39'33	18°00'36	
	-5295 Jul 22 j 10:45	0°♊		
morning set	-5295 Aug 08 j 06:41	26°♊06'31		
	-5295 Aug 10 j 12:48	0°♋		
superior conj	-5295 Aug 20 j 21:58	17°♋29'07	1°11'46	
minimum elong	-5295 Aug 21 j 04:00	17°♋53'55	1°11'26	
max. Earth dist.	-5295 Aug 26 j 13:40	26°♋39'28	1.43897 AU	
	-5295 Aug 28 j 15:56	0°♌		
desc. node	-5295 Sep 02 j 03:04	7°♌02'15		
evening rise	-5295 Sep 06 j 02:02	13°♌11'29		
	-5295 Sep 17 j 02:59	0°♍		
greatest brilliancy	-5295 Sep 27 j 14:51	15°♍04'41	-0.5m	
evening max el	-5295 Oct 03 j 21:48	22°♍40'27	20°30'59	
retrograde	-5295 Oct 11 j 21:45	27°♍22'57		
evening set	-5295 Oct 15 j 15:21	26°♍02'38		
asc. node	-5295 Oct 16 j 17:22	25°♍09'17		
inferior conj	-5295 Oct 21 j 02:57	19°♍54'03	1°27'32	
minimum elong	-5295 Oct 21 j 01:01	20°♍00'35	1°26'50	
min. Earth dist.	-5295 Oct 21 j 19:04	18°♍59'38	0.66827 AU	
morning rise	-5295 Oct 26 j 10:11	13°♍36'29		
direct	-5295 Oct 31 j 21:42	11°♍15'12		
morning max el	-5295 Nov 12 j 05:39	18°♍00'03	24°34'25	
	-5295 Nov 22 j 07:58	0°♎		
desc. node	-5295 Nov 29 j 03:21	9°♎27'40		
	-5295 Dec 12 j 09:20	0°♏		
morning set	-5295 Dec 18 j 03:13	9°♏46'11		
max. Earth dist.	-5295 Dec 21 j 23:07	16°♏36'04	1.37726 AU	
superior conj	-5295 Dec 28 j 16:57	29°♏15'51	-1°-47'-47	
minimum elong	-5295 Dec 28 j 18:49	29°♏24'57	1°47'57	
	-5295 Dec 29 j 02:04	0°♐		
evening rise	-5294 Jan 06 j 06:38	16°♐12'21		
asc. node	-5294 Jan 12 j 16:00	28°♐26'47		
	-5294 Jan 13 j 12:57	0°♑		
evening max el	-5294 Jan 23 j 02:37	13°♑20'06	19°10'54	
retrograde	-5294 Jan 31 j 21:27	17°♑31'32		
evening set	-5294 Feb 03 j 07:08	17°♑14'05		
inferior conj	-5294 Feb 11 j 09:50	13°♑01'33	3°16'15	
minimum elong	-5294 Feb 11 j 14:40	12°♑53'16	3°14'56	
min. Earth dist.	-5294 Feb 14 j 09:41	10°♑59'25	0.56987 AU	
morning rise	-5294 Feb 19 j 18:36	8°♑05'33		
direct	-5294 Feb 24 j 20:03	7°♑06'00		
desc. node	-5294 Feb 25 j 02:54	7°♑06'12		
morning max el	-5294 Mar 10 j 23:52	14°♑20'56	25°14'30	
	-5294 Mar 23 j 08:32	0°♒		
morning set	-5294 Apr 06 j 15:52	26°♒21'41		
	-5294 Apr 08 j 09:06	0°♓		
asc. node	-5294 Apr 10 j 15:32	4°♓53'12		
superior conj	-5294 Apr 13 j 16:56	11°♓32'17	0°31'07	
minimum elong	-5294 Apr 13 j 15:37	11°♓25'03	0°30'44	
max. Earth dist.	-5294 Apr 14 j 18:31	13°♓51'05	1.32986 AU	
evening rise	-5294 Apr 20 j 23:01	26°♓56'59		
	-5294 Apr 22 j 11:08	0°♈		
	-5294 May 09 j 17:35	0°♉		
evening max el	-5294 May 22 j 18:13	15°♉58'21	27°15'33	
desc. node	-5294 May 24 j 01:13	17°♉10'13		
retrograde	-5294 Jun 05 j 16:02	23°♉22'52		
evening set	-5294 Jun 12 j 16:12	21°♉03'21		
min. Earth dist.	-5294 Jun 16 j 07:20	18°♉12'22	0.61928 AU	
inferior conj	-5294 Jun 19 j 09:35	15°♉20'40	-4°-6'-20	
minimum elong	-5294 Jun 19 j 11:16	15°♉16'44	4°06'01	
morning rise	-5294 Jun 26 j 08:58	10°♉20'22		
direct	-5294 Jun 28 j 22:05	9°♉52'01		
morning max el	-5294 Jul 05 j 16:53	13°♉16'20	17°59'00	
asc. node	-5294 Jul 07 j 15:28	15°♉23'10		
	-5294 Jul 17 j 01:51	0°♊		
morning set	-5294 Jul 21 j 21:34	8°♊39'57		
superior conj	-5294 Aug 01 j 19:29	28°♊04'08	1°37'13	
minimum elong	-5294 Aug 01 j 23:41	28°♊22'16	1°37'14	
	-5294 Aug 02 j 22:28	0°♋		
max. Earth dist.	-5294 Aug 09 j 01:07	10°♋14'44	1.42531 AU	
evening rise	-5294 Aug 16 j 07:18	21°♋54'58		
desc. node	-5294 Aug 20 j 00:02	27°♋40'51		
	-5294 Aug 21 j 12:13	0°♌		
	-5294 Sep 11 j 11:46	0°♍		
greatest brilliancy	-5294 Sep 11 j 19:49	0°♍25'12	-0.4m	
evening max el	-5294 Sep 16 j 18:36	6°♍05'11	21°42'38	
retrograde	-5294 Sep 25 j 18:00	11°♍24'51		
evening set	-5294 Sep 29 j 23:31	9°♍46'12		
asc. node	-5294 Oct 03 j 14:32	5°♍52'14		
inferior conj	-5294 Oct 05 j 08:27	3°♍30'25	0°35'31	
minimum elong	-5294 Oct 05 j 07:38	3°♍33'15	0°35'20	
min. Earth dist.	-5294 Oct 05 j 13:55	3°♍11'35	0.67243 AU	
	-5294 Oct 07 j 23:43	30°℞♌		
morning rise	-5294 Oct 10 j 15:30	27°♌12'23		
direct	-5294 Oct 15 j 11:45	25°♌11'50		
	-5294 Oct 24 j 08:27	0°♍		
morning max el	-5294 Oct 25 j 15:43	1°♍16'26	23°08'39	
greatest brilliancy	-5294 Oct 30 j 18:35	7°♍02'47	-0.3m	
desc. node	-5294 Nov 16 j 00:14	29°♍31'16		
	-5294 Nov 16 j 07:53	0°♎		
morning set	-5294 Nov 29 j 03:31	20°♎15'23		
max. Earth dist.	-5294 Dec 03 j 19:33	28°♎09'35	1.39769 AU	
	-5294 Dec 04 j 21:01	0°♏		
superior conj	-5294 Dec 11 j 11:08	11°♏48'20	-1°-52'-7	
minimum elong	-5294 Dec 11 j 10:51	11°♏46'58	1°52'19	
evening rise	-5294 Dec 20 j 23:18	29°♏48'01		
	-5294 Dec 21 j 01:49	0°♐		
asc. node	-5294 Dec 30 j 13:07	17°♐09'10		
evening max el	-5293 Jan 06 j 05:04	25°♐53'38	18°30'40	
retrograde	-5293 Jan 13 j 20:00	29°♐37'26		
evening set	-5293 Jan 16 j 07:37	29°♐14'58		
inferior conj	-5293 Jan 23 j 18:51	24°♐42'31	3°57'29	
minimum elong	-5293 Jan 23 j 21:05	24°♐38'02	3°56'59	
min. Earth dist.	-5293 Jan 27 j 03:29	22°♐03'19	0.58792 AU	
morning rise	-5293 Jan 31 j 07:09	19°♐21'25		
direct	-5293 Feb 06 j 11:45	17°♐43'26		
desc. node	-5293 Feb 12 j 00:02	18°♐57'50		
morning max el	-5293 Feb 20 j 17:24	25°♐14'06	26°34'28	
	-5293 Feb 25 j 03:48	0°♑		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5293 Mar 16 j 10:54	0°♒	
morning set	-5293 Mar 22 j 02:57	11°♒21'21	
asc. node	-5293 Mar 28 j 12:30	25°♒06'50	
superior conj	-5293 Mar 29 j 04:32	26°♒34'31	0°06'56
minimum elong	-5293 Mar 29 j 04:14	26°♒32'53	0°06'40
behind sun begin	-5293 Mar 28 j 23:41	26°♒07'58	
behind sun end	-5293 Mar 29 j 08:48	26°♒57'49	
max. Earth dist.	-5293 Mar 29 j 07:29	26°♒50'41	1.32660 AU
	-5293 Mar 30 j 18:09	0°♓	
evening rise	-5293 Apr 05 j 06:16	11°♓47'04	
	-5293 Apr 14 j 16:28	0°♈	
evening max el	-5293 May 04 j 20:17	27°♈55'38	26°33'46
	-5293 May 07 j 03:44	0°♉	
desc. node	-5293 May 10 j 22:26	2°♉44'14	
retrograde	-5293 May 18 j 22:15	5°♉16'41	
evening set	-5293 May 25 j 08:25	3°♉30'39	
min. Earth dist.	-5293 May 29 j 09:29	0°♉48'20	0.59908 AU
	-5293 May 30 j 10:00	30°℞♈	
inferior conj	-5293 Jun 01 j 18:32	28°♈04'50	-4°-8'-33
minimum elong	-5293 Jun 01 j 17:32	28°♈06'53	4°08'24
morning rise	-5293 Jun 09 j 06:14	23°♈26'20	
direct	-5293 Jun 11 j 17:42	23°♈03'35	
morning max el	-5293 Jun 19 j 03:56	26°♈38'43	18°16'36
	-5293 Jun 22 j 03:45	0°♉	
asc. node	-5293 Jun 24 j 12:28	3°♉16'47	
morning set	-5293 Jul 05 j 04:02	21°♉59'51	
	-5293 Jul 09 j 09:45	0°♊	
superior conj	-5293 Jul 14 j 18:38	9°♊56'02	1°48'26
minimum elong	-5293 Jul 14 j 19:54	10°♊01'50	1°48'40
max. Earth dist.	-5293 Jul 22 j 06:16	23°♊07'11	1.40757 AU
	-5293 Jul 26 j 08:39	0°♋	
evening rise	-5293 Jul 27 j 06:40	1°♋30'31	
desc. node	-5293 Aug 06 j 21:02	18°♋11'23	
	-5293 Aug 14 j 22:21	0°♌	
greatest brilliancy	-5293 Aug 25 j 04:40	13°♌39'07	-0.3m
evening max el	-5293 Aug 30 j 09:36	19°♌29'20	23°01'57
retrograde	-5293 Sep 09 j 11:44	25°♌28'18	
evening set	-5293 Sep 14 j 07:04	23°♌29'49	
inferior conj	-5293 Sep 19 j 14:58	17°♌10'25	0°-17'-34
minimum elong	-5293 Sep 19 j 15:22	17°♌09'03	0°17'11
min. Earth dist.	-5293 Sep 19 j 10:16	17°♌26'38	0.67368 AU
asc. node	-5293 Sep 20 j 11:41	15°♌59'22	
morning rise	-5293 Sep 24 j 23:39	10°♌55'05	
direct	-5293 Sep 29 j 05:46	9°♌15'27	
morning max el	-5293 Oct 08 j 05:49	14°♌36'33	21°44'46
greatest brilliancy	-5293 Oct 13 j 06:15	20°♌22'12	-0.4m
	-5293 Oct 20 j 10:47	0°♍	
desc. node	-5293 Nov 02 j 21:04	19°♍51'10	
morning set	-5293 Nov 08 j 23:27	29°♍22'52	
	-5293 Nov 09 j 08:47	0°♎	
max. Earth dist.	-5293 Nov 15 j 20:04	10°♎30'13	1.41744 AU
superior conj	-5293 Nov 23 j 08:44	23°♎17'44	-1°-44'-53
minimum elong	-5293 Nov 23 j 05:11	23°♎02'16	1°44'48
	-5293 Nov 27 j 03:50	0°♏	
evening rise	-5293 Dec 04 j 04:17	12°♏45'43	
	-5293 Dec 13 j 22:22	0°♐	
asc. node	-5293 Dec 17 j 10:15	5°♐09'55	
evening max el	-5293 Dec 20 j 13:47	8°♐50'33	18°10'35
retrograde	-5293 Dec 27 j 11:25	12°♐21'05	
evening set	-5293 Dec 30 j 01:16	11°♐52'19	
inferior conj	-5292 Jan 05 j 23:11	6°♐57'55	4°06'25
minimum elong	-5292 Jan 05 j 22:34	6°♐59'21	4°06'08
min. Earth dist.	-5292 Jan 09 j 03:09	4°♐04'42	0.60775 AU
morning rise	-5292 Jan 12 j 17:12	1°♐18'46	
	-5292 Jan 15 j 04:03	30°℞♏	
direct	-5292 Jan 19 j 14:27	29°♏03'59	
	-5292 Jan 24 j 05:07	0°♐	
desc. node	-5292 Jan 29 j 21:05	3°♐21'18	
morning max el	-5292 Feb 02 j 16:44	6°♐42'15	27°25'26
	-5292 Feb 20 j 07:20	0°♑	
morning set	-5292 Mar 05 j 10:57	26°♑10'12	
	-5292 Mar 07 j 07:01	0°♒	
max. Earth dist.	-5292 Mar 11 j 20:31	9°♒48'12	1.32669 AU
superior conj	-5292 Mar 12 j 16:04	11°♒34'48	0°-17'-46
minimum elong	-5292 Mar 12 j 16:52	11°♒39'09	0°17'52
asc. node	-5292 Mar 14 j 09:28	15°♒20'52	
evening rise	-5292 Mar 19 j 16:37	26°♒44'40	
	-5292 Mar 21 j 06:12	0°♓	
	-5292 Apr 07 j 17:13	0°♈	
evening max el	-5292 Apr 15 j 16:30	9°♈13'45	25°23'21
desc. node	-5292 Apr 26 j 19:39	16°♈04'38	
retrograde	-5292 Apr 29 j 18:36	16°♈25'18	
evening set	-5292 May 05 j 03:26	15°♈17'36	
min. Earth dist.	-5292 May 10 j 05:07	12°♈27'29	0.57924 AU
inferior conj	-5292 May 13 j 09:10	10°♈14'41	-3°-42'-16
minimum elong	-5292 May 13 j 05:00	10°♈22'01	3°41'36
morning rise	-5292 May 21 j 10:44	5°♈56'48	
direct	-5292 May 23 j 21:07	5°♈38'31	
morning max el	-5292 Jun 01 j 08:57	9°♈37'59	18°54'09
asc. node	-5292 Jun 10 j 09:24	21°♈54'22	
	-5292 Jun 14 j 20:14	0°♉	
morning set	-5292 Jun 17 j 21:55	5°♉56'20	
superior conj	-5292 Jun 26 j 13:56	22°♉50'05	1°48'15
minimum elong	-5292 Jun 26 j 12:54	22°♉45'08	1°48'27
	-5292 Jun 30 j 09:35	0°♊	
max. Earth dist.	-5292 Jul 03 j 07:49	5°♊19'14	1.38827 AU
evening rise	-5292 Jul 07 j 08:35	12°♊24'13	
	-5292 Jul 18 j 03:02	0°♋	
desc. node	-5292 Jul 23 j 18:05	8°♋29'29	
	-5292 Aug 09 j 02:15	0°♌	
evening max el	-5292 Aug 11 j 21:07	2°♌56'22	24°22'42
retrograde	-5292 Aug 23 j 01:53	9°♌30'46	
evening set	-5292 Aug 28 j 12:15	7°♌12'34	
min. Earth dist.	-5292 Sep 02 j 05:39	1°♌44'02	0.67198 AU
inferior conj	-5292 Sep 02 j 20:49	0°♌52'56	-1°-10'-3
minimum elong	-5292 Sep 02 j 22:25	0°♌47'35	1°09'09
	-5292 Sep 03 j 12:36	30°℞♋	
asc. node	-5292 Sep 06 j 08:48	26°♋31'27	
morning rise	-5292 Sep 08 j 08:49	24°♋43'46	
direct	-5292 Sep 12 j 02:39	23°♋23'21	
morning max el	-5292 Sep 20 j 02:28	28°♋04'22	20°29'31
	-5292 Sep 21 j 21:04	0°♌	
greatest brilliancy	-5292 Sep 26 j 13:48	5°♌53'19	-0.5m
	-5292 Oct 13 j 00:41	0°♍	
morning set	-5292 Oct 18 j 00:13	7°♍40'25	
desc. node	-5292 Oct 19 j 17:56	10°♍22'41	
max. Earth dist.	-5292 Oct 28 j 04:12	23°♍43'36	1.43373 AU
	-5292 Nov 01 j 00:53	0°♎	
superior conj	-5292 Nov 03 j 04:22	3°♎32'02	-1°-22'-41
minimum elong	-5292 Nov 02 j 22:04	3°♎05'58	1°22'04
evening rise	-5292 Nov 15 j 17:30	24°♎57'32	
	-5292 Nov 18 j 14:40	0°♏	
evening max el	-5292 Dec 03 j 01:56	22°♏03'12	18°09'57
asc. node	-5292 Dec 03 j 07:23	22°♏16'46	
retrograde	-5292 Dec 09 j 15:57	25°♏32'51	
evening set	-5292 Dec 12 j 08:41	24°♏56'37	
inferior conj	-5292 Dec 18 j 19:35	19°♏40'51	3°52'17
minimum elong	-5292 Dec 18 j 17:05	19°♏47'21	3°51'44

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

min. Earth dist.	-5292 Dec 21 j 11:22	16°♏55'41	0.62655 AU
morning rise	-5292 Dec 24 j 23:37	13°♏48'16	
direct	-5291 Jan 01 j 01:39	11°♏08'45	
morning max el	-5291 Jan 14 j 21:48	18°♏49'58	27°41'03
desc. node	-5291 Jan 15 j 18:05	19°♏40'41	
	-5291 Jan 24 j 10:31	0°♐	
	-5291 Feb 12 j 02:10	0°♑	
morning set	-5291 Feb 17 j 13:40	10°♑39'58	
max. Earth dist.	-5291 Feb 23 j 05:46	22°♑29'36	1.33037 AU
superior conj	-5291 Feb 25 j 01:51	26°♑26'35	0°-42'-6
minimum elong	-5291 Feb 25 j 03:40	26°♑36'23	0°42'02
	-5291 Feb 26 j 17:17	0°♒	
asc. node	-5291 Mar 01 j 06:27	5°♒30'46	
evening rise	-5291 Mar 04 j 04:09	11°♒42'20	
	-5291 Mar 13 j 14:41	0°♓	
evening max el	-5291 Mar 28 j 09:00	20°♓04'05	23°54'13
retrograde	-5291 Apr 11 j 02:23	26°♓54'22	
desc. node	-5291 Apr 13 j 16:51	26°♓39'12	
evening set	-5291 Apr 15 j 04:20	26°♓17'33	
min. Earth dist.	-5291 Apr 21 j 20:52	23°♓07'02	0.56304 AU
inferior conj	-5291 Apr 24 j 03:41	21°♓43'03	-2°-38'-53
minimum elong	-5291 Apr 23 j 22:12	21°♓51'30	2°37'32
morning rise	-5291 May 02 j 19:46	17°♓40'48	
direct	-5291 May 05 j 06:02	17°♓25'29	
morning max el	-5291 May 15 j 05:08	22°♓03'44	19°52'00
	-5291 May 21 j 17:47	0°♈	
asc. node	-5291 May 28 j 06:20	11°♈04'46	
morning set	-5291 Jun 01 j 23:50	20°♈19'51	
	-5291 Jun 06 j 18:17	0°♉	
superior conj	-5291 Jun 09 j 23:56	6°♉30'17	1°39'39
minimum elong	-5291 Jun 09 j 21:36	6°♉18'39	1°39'38
max. Earth dist.	-5291 Jun 15 j 11:05	17°♉07'24	1.36984 AU
evening rise	-5291 Jun 19 j 11:01	24°♉31'14	
	-5291 Jun 22 j 12:58	0°♊	
desc. node	-5291 Jul 10 j 15:11	28°♊28'16	
	-5291 Jul 11 j 17:32	0°♋	
evening max el	-5291 Jul 25 j 07:38	16°♋25'46	25°37'18
retrograde	-5291 Aug 06 j 11:36	23°♋27'09	
evening set	-5291 Aug 12 j 13:06	20°♋51'57	
min. Earth dist.	-5291 Aug 16 j 21:35	16°♋01'06	0.66701 AU
inferior conj	-5291 Aug 18 j 00:12	14°♋35'18	-2°00'-20
minimum elong	-5291 Aug 18 j 02:50	14°♋26'49	1°59'06
morning rise	-5291 Aug 23 j 17:06	8°♋35'40	
asc. node	-5291 Aug 24 j 05:53	8°♋16'48	
direct	-5291 Aug 27 j 00:46	7°♋31'47	
morning max el	-5291 Sep 03 j 06:14	11°♋40'20	19°27'13
greatest brilliancy	-5291 Sep 12 j 18:01	24°♋03'39	-0.7m
	-5291 Sep 16 j 16:47	0°♌	
morning set	-5291 Sep 27 j 03:36	16°♌11'58	
	-5291 Oct 05 j 23:08	0°♍	
desc. node	-5291 Oct 06 j 14:49	1°♍01'41	
max. Earth dist.	-5291 Oct 10 j 18:50	7°♍36'26	1.44423 AU
superior conj	-5291 Oct 13 j 20:53	12°♍30'45	0°-44'-32
minimum elong	-5291 Oct 13 j 15:40	12°♍09'57	0°43'48
	-5291 Oct 24 j 15:52	0°♎	
evening rise	-5291 Oct 28 j 10:14	6°♎13'58	
	-5291 Nov 12 j 05:17	0°♏	
evening max el	-5291 Nov 16 j 14:40	5°♏25'10	18°27'56
asc. node	-5291 Nov 20 j 04:32	8°♏15'09	
retrograde	-5291 Nov 23 j 05:23	9°♏04'30	
evening set	-5291 Nov 26 j 02:22	8°♏19'11	
inferior conj	-5291 Dec 02 j 04:24	2°♏44'26	3°22'41
minimum elong	-5291 Dec 02 j 01:09	2°♏53'48	3°21'47
min. Earth dist.	-5291 Dec 04 j 05:41	0°♏22'36	0.64257 AU
	-5291 Dec 04 j 13:46	30°℞♎	
morning rise	-5291 Dec 07 j 22:36	26°♎41'16	
direct	-5291 Dec 14 j 19:50	23°♎52'06	
	-5291 Dec 26 j 16:12	0°♏	
morning max el	-5291 Dec 28 j 06:40	1°♏31'27	27°21'39
desc. node	-5290 Jan 02 j 15:03	7°♏23'28	
	-5290 Jan 18 j 13:17	0°♐	
morning set	-5290 Feb 01 j 08:23	24°♐41'46	
	-5290 Feb 04 j 00:15	0°♑	
max. Earth dist.	-5290 Feb 06 j 07:32	4°♑43'12	1.33799 AU
superior conj	-5290 Feb 09 j 08:05	11°♑03'40	-1°-5'-2
minimum elong	-5290 Feb 09 j 10:41	11°♑17'26	1°04'55
asc. node	-5290 Feb 16 j 03:28	25°♑32'20	
evening rise	-5290 Feb 16 j 15:13	26°♑33'51	
	-5290 Feb 18 j 07:03	0°♒	
	-5290 Mar 09 j 06:13	0°♓	
evening max el	-5290 Mar 10 j 03:03	0°♓51'05	22°20'14
retrograde	-5290 Mar 22 j 22:10	7°♓03'56	
evening set	-5290 Mar 25 j 22:16	6°♓44'03	
desc. node	-5290 Mar 31 j 14:00	4°♓34'50	
min. Earth dist.	-5290 Apr 03 j 11:08	3°♓00'36	0.55364 AU
inferior conj	-5290 Apr 04 j 05:29	2°♓34'35	0°-59'-25
minimum elong	-5290 Apr 04 j 02:48	2°♓38'24	0°58'41
	-5290 Apr 09 j 03:12	30°℞♒	
morning rise	-5290 Apr 13 j 09:05	28°♒36'12	
direct	-5290 Apr 15 j 23:16	28°♒20'52	
	-5290 Apr 22 j 08:47	0°♓	
morning max el	-5290 Apr 27 j 14:46	3°♓49'43	21°09'06
	-5290 May 14 j 19:17	0°♈	
asc. node	-5290 May 15 j 03:18	0°♈39'58	
morning set	-5290 May 17 j 07:12	5°♈03'22	
superior conj	-5290 May 24 j 20:23	20°♈44'37	1°25'02
minimum elong	-5290 May 24 j 17:38	20°♈30'24	1°24'47
max. Earth dist.	-5290 May 28 j 21:35	28°♈57'32	1.35408 AU
	-5290 May 29 j 10:10	0°♉	
evening rise	-5290 Jun 02 j 08:45	7°♉37'54	
	-5290 Jun 15 j 04:40	0°♊	
desc. node	-5290 Jun 27 j 12:18	17°♊59'25	
	-5290 Jul 07 j 21:11	0°♋	
evening max el	-5290 Jul 07 j 18:32	29°♊53'35	26°37'28
retrograde	-5290 Jul 20 j 16:33	7°♋11'45	
evening set	-5290 Jul 27 j 07:25	4°♋25'51	
min. Earth dist.	-5290 Jul 31 j 07:42	0°♋14'10	0.65844 AU
	-5290 Jul 31 j 12:27	30°℞♊	
inferior conj	-5290 Aug 01 j 23:10	28°♊14'57	-2°-46'-31
minimum elong	-5290 Aug 02 j 02:31	28°♊04'51	2°45'14
morning rise	-5290 Aug 07 j 22:34	22°♊28'10	
direct	-5290 Aug 10 j 22:19	21°♊37'43	
asc. node	-5290 Aug 11 j 02:58	21°♊37'56	
morning max el	-5290 Aug 17 j 15:57	25°♊22'39	18°40'12
	-5290 Aug 21 j 13:05	0°♋	
morning set	-5290 Sep 07 j 04:20	25°♋47'20	
	-5290 Sep 09 j 19:13	0°♌	
superior conj	-5290 Sep 22 j 20:56	20°♌46'13	0°03'53
minimum elong	-5290 Sep 22 j 21:28	20°♌48'20	0°04'01
behind sun begin	-5290 Sep 22 j 10:21	20°♌04'25	
behind sun end	-5290 Sep 23 j 08:36	21°♌32'14	
desc. node	-5290 Sep 23 j 11:43	21°♌44'28	
max. Earth dist.	-5290 Sep 23 j 12:33	21°♌47'45	1.44775 AU
	-5290 Sep 28 j 17:25	0°♍	
evening rise	-5290 Oct 09 j 02:15	16°♍25'23	
	-5290 Oct 17 j 15:17	0°♎	
evening max el	-5290 Oct 31 j 01:22	18°♎50'59	19°03'28
retrograde	-5290 Nov 07 j 00:02	22°♎48'54	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5290 Nov 07 j 01:42	22°♎48'52	
evening set	-5290 Nov 10 j 03:10	21°♎52'18	
inferior conj	-5290 Nov 15 j 22:14	16°♎01'45	2°42'50
minimum elong	-5290 Nov 15 j 19:05	16°♎11'35	2°41'48
min. Earth dist.	-5290 Nov 17 j 09:34	14°♎11'30	0.65519 AU
morning rise	-5290 Nov 21 j 10:04	9°♎50'36	
direct	-5290 Nov 27 j 20:27	7°♎05'07	
morning max el	-5290 Dec 10 j 16:35	14°♎33'54	26°32'20
desc. node	-5290 Dec 20 j 12:01	26°♎04'23	
	-5290 Dec 23 j 09:33	0°♏	
	-5289 Jan 11 j 06:19	0°♐	
morning set	-5289 Jan 15 j 15:23	8°♐03'01	
max. Earth dist.	-5289 Jan 19 j 22:20	16°♐21'02	1.34995 AU
superior conj	-5289 Jan 24 j 08:31	25°♐17'55	-1°-25'-22
minimum elong	-5289 Jan 24 j 11:28	25°♐33'06	1°25'18
	-5289 Jan 26 j 14:57	0°♑	
evening rise	-5289 Jan 31 j 23:56	11°♑11'56	
asc. node	-5289 Feb 03 j 00:31	15°♑19'50	
	-5289 Feb 10 j 23:12	0°♒	
evening max el	-5289 Feb 20 j 04:28	11°♒59'03	20°53'55
retrograde	-5289 Mar 03 j 12:10	17°♒21'57	
evening set	-5289 Mar 05 j 23:06	17°♒07'43	
inferior conj	-5289 Mar 15 j 01:07	13°♒09'35	0°55'51
minimum elong	-5289 Mar 15 j 03:36	13°♒06'01	0°54'47
min. Earth dist.	-5289 Mar 16 j 01:23	12°♒34'45	0.55312 AU
desc. node	-5289 Mar 18 j 11:11	11°♒14'48	
morning rise	-5289 Mar 24 j 06:50	8°♒57'00	
direct	-5289 Mar 27 j 11:33	8°♒34'44	
morning max el	-5289 Apr 09 j 14:01	14°♒56'03	22°41'26
	-5289 Apr 21 j 03:54	0°♓	
morning set	-5289 May 01 j 17:57	19°♓59'52	
asc. node	-5289 May 02 j 00:16	20°♓32'53	
	-5289 May 06 j 11:20	0°♈	
superior conj	-5289 May 09 j 00:00	5°♈22'43	1°06'13
minimum elong	-5289 May 08 j 21:29	5°♈09'22	1°05'49
max. Earth dist.	-5289 May 11 j 17:59	11°♈09'04	1.34182 AU
evening rise	-5289 May 16 j 20:36	21°♈29'15	
	-5289 May 21 j 07:49	0°♉	
	-5289 Jun 09 j 00:39	0°♊	
desc. node	-5289 Jun 14 j 09:26	6°♊51'18	
evening max el	-5289 Jun 20 j 05:37	13°♊11'29	27°15'29
retrograde	-5289 Jul 03 j 16:20	20°♊37'03	
evening set	-5289 Jul 10 j 16:29	17°♊50'48	
min. Earth dist.	-5289 Jul 14 j 10:04	14°♊16'29	0.64605 AU
inferior conj	-5289 Jul 16 j 15:30	11°♊48'25	-3°-26'-12
minimum elong	-5289 Jul 16 j 18:58	11°♊38'48	3°25'08
morning rise	-5289 Jul 22 j 22:57	6°♊17'25	
direct	-5289 Jul 25 j 16:58	5°♊37'28	
asc. node	-5289 Jul 29 j 00:03	6°♊33'57	
morning max el	-5289 Aug 01 j 05:27	9°♊07'29	18°09'58
	-5289 Aug 15 j 09:03	0°♋	
morning set	-5289 Aug 19 j 08:06	6°♋39'59	
superior conj	-5289 Sep 02 j 02:51	29°♋22'55	0°50'15
minimum elong	-5289 Sep 02 j 08:16	29°♋44'39	0°49'53
	-5289 Sep 02 j 12:05	0°♌	
max. Earth dist.	-5289 Sep 06 j 05:43	5°♌57'44	1.44406 AU
desc. node	-5289 Sep 10 j 08:37	12°♌28'13	
evening rise	-5289 Sep 18 j 18:08	25°♌34'12	
	-5289 Sep 21 j 14:48	0°♍	
greatest brilliancy	-5289 Oct 06 j 18:03	22°♍46'15	-0.6m
	-5289 Oct 12 j 06:12	0°♎	
evening max el	-5289 Oct 14 j 07:48	2°♎17'44	19°55'01
retrograde	-5289 Oct 21 j 20:55	6°♎42'08	
asc. node	-5289 Oct 24 j 22:53	5°♎46'49	
evening set	-5289 Oct 25 j 08:30	5°♎31'27	
inferior conj	-5289 Oct 30 j 22:21	29°♍28'36	1°56'20
minimum elong	-5289 Oct 30 j 19:52	29°♍36'48	1°55'26
	-5289 Oct 30 j 12:50	30°℞♍	
min. Earth dist.	-5289 Oct 31 j 21:09	28°♍13'18	0.66441 AU
morning rise	-5289 Nov 05 j 06:35	23°♍12'22	
direct	-5289 Nov 11 j 02:53	20°♍40'13	
morning max el	-5289 Nov 23 j 01:43	27°♍45'18	25°21'17
	-5289 Nov 25 j 05:02	0°♎	
desc. node	-5289 Dec 07 j 08:57	15°♎26'24	
	-5289 Dec 17 j 02:32	0°♏	
morning set	-5289 Dec 29 j 05:47	20°♏29'36	
max. Earth dist.	-5288 Jan 02 j 01:32	27°♏31'27	1.36625 AU
	-5288 Jan 03 j 08:58	0°♐	
superior conj	-5288 Jan 08 j 00:20	9°♐01'21	-1°-41'-22
minimum elong	-5288 Jan 08 j 02:54	9°♐14'04	1°41'28
evening rise	-5288 Jan 16 j 04:20	25°♐30'46	
	-5288 Jan 18 j 10:13	0°♑	
asc. node	-5288 Jan 20 j 21:36	4°♑47'43	
evening max el	-5288 Feb 02 j 16:13	23°♑41'29	19°43'07
retrograde	-5288 Feb 12 j 07:46	28°♑15'15	
evening set	-5288 Feb 14 j 16:33	28°♑00'02	
inferior conj	-5288 Feb 23 j 04:40	23°♑56'43	2°35'01
minimum elong	-5288 Feb 23 j 09:51	23°♑48'32	2°33'21
min. Earth dist.	-5288 Feb 25 j 15:58	22°♑23'27	0.56165 AU
morning rise	-5288 Mar 02 j 23:48	19°♑17'05	
desc. node	-5288 Mar 04 j 08:22	18°♑55'05	
direct	-5288 Mar 07 j 07:38	18°♑35'05	
morning max el	-5288 Mar 21 j 06:12	25°♑36'00	24°20'03
	-5288 Mar 25 j 08:52	0°♒	
	-5288 Apr 12 j 19:28	0°♓	
morning set	-5288 Apr 15 j 06:10	5°♓02'46	
asc. node	-5288 Apr 17 j 21:14	10°♓37'40	
superior conj	-5288 Apr 22 j 08:16	20°♓15'50	0°44'31
minimum elong	-5288 Apr 22 j 06:25	20°♓05'51	0°44'05
max. Earth dist.	-5288 Apr 23 j 23:23	23°♓46'13	1.33324 AU
	-5288 Apr 26 j 21:58	0°♈	
evening rise	-5288 Apr 29 j 18:25	5°♈51'56	
	-5288 May 12 j 22:34	0°♉	
desc. node	-5288 May 31 j 06:38	24°♉46'47	
evening max el	-5288 Jun 01 j 15:14	26°♉07'35	27°24'52
	-5288 Jun 06 j 05:30	0°♊	
retrograde	-5288 Jun 15 j 10:11	3°♊33'28	
evening set	-5288 Jun 22 j 12:49	1°♊00'26	
	-5288 Jun 23 j 20:15	30°℞♉	
min. Earth dist.	-5288 Jun 26 j 03:07	27°♉56'44	0.62994 AU
inferior conj	-5288 Jun 28 j 22:22	25°♉09'28	-3°-55'-51
minimum elong	-5288 Jun 29 j 01:02	25°♉02'47	3°55'15
morning rise	-5288 Jul 05 j 15:26	19°♉57'02	
direct	-5288 Jul 08 j 05:49	19°♉25'00	
asc. node	-5288 Jul 14 j 21:06	22°♉51'17	
morning max el	-5288 Jul 14 j 20:08	22°♉48'52	17°57'34
	-5288 Jul 20 j 11:08	0°♊	
morning set	-5288 Jul 31 j 11:42	18°♊40'42	
	-5288 Aug 06 j 23:02	0°♋	
superior conj	-5288 Aug 12 j 08:12	9°♋09'30	1°24'27
minimum elong	-5288 Aug 12 j 13:47	9°♋32'51	1°24'14
max. Earth dist.	-5288 Aug 18 j 19:43	19°♋49'25	1.43376 AU
	-5288 Aug 25 j 05:04	0°♌	
desc. node	-5288 Aug 27 j 05:34	3°♌09'32	
evening rise	-5288 Aug 27 j 21:22	4°♌11'00	
	-5288 Sep 14 j 02:22	0°♍	
greatest brilliancy	-5288 Sep 20 j 18:24	9°♍09'21	-0.5m
evening max el	-5288 Sep 26 j 08:22	15°♍43'24	21°00'19

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

retrograde	-5288 Oct 04 j 17:47	20°♍41'02	
evening set	-5288 Oct 08 j 16:09	19°♍13'23	
asc. node	-5288 Oct 10 j 20:05	17°♍11'31	
inferior conj	-5288 Oct 14 j 02:26	13°♍01'34	1°05'43
minimum elong	-5288 Oct 14 j 00:57	13°♍06'38	1°05'14
min. Earth dist.	-5288 Oct 14 j 14:01	12°♍22'02	0.67041 AU
morning rise	-5288 Oct 19 j 09:21	6°♍43'22	
direct	-5288 Oct 24 j 14:25	4°♍30'23	
morning max el	-5288 Nov 04 j 10:32	10°♍58'57	23°58'09
	-5288 Nov 19 j 14:06	0°♎	
desc. node	-5288 Nov 23 j 05:51	5°♎17'12	
	-5288 Dec 08 j 20:54	0°♏	
morning set	-5288 Dec 09 j 21:35	1°♏45'06	
max. Earth dist.	-5288 Dec 13 j 21:59	8°♏45'24	1.38581 AU
superior conj	-5288 Dec 21 j 03:47	22°♏03'35	-1°-50'-49
minimum elong	-5288 Dec 21 j 04:54	22°♏08'52	1°51'02
	-5288 Dec 25 j 06:53	0°♐	
evening rise	-5288 Dec 30 j 02:04	9°♐24'03	
asc. node	-5287 Jan 06 j 18:42	23°♐49'13	
	-5287 Jan 10 j 15:40	0°♑	
evening max el	-5287 Jan 15 j 13:57	5°♑58'38	18°51'24
retrograde	-5287 Jan 23 j 19:21	9°♑56'00	
evening set	-5287 Jan 26 j 06:00	9°♑36'29	
inferior conj	-5287 Feb 03 j 01:56	5°♑16'12	3°38'12
minimum elong	-5287 Feb 03 j 05:51	5°♑09'03	3°37'16
min. Earth dist.	-5287 Feb 06 j 07:39	2°♑55'47	0.57714 AU
morning rise	-5287 Feb 11 j 02:05	0°♑08'59	
	-5287 Feb 11 j 10:29	30°℞♐	
direct	-5287 Feb 16 j 16:19	28°♐53'32	
desc. node	-5287 Feb 19 j 05:31	29°♐09'15	
	-5287 Feb 21 j 23:16	0°♑	
morning max el	-5287 Mar 02 j 21:24	6°♑16'13	25°51'16
	-5287 Mar 20 j 07:15	0°♒	
morning set	-5287 Mar 30 j 18:12	20°♒06'09	
	-5287 Apr 04 j 09:02	0°♓	
asc. node	-5287 Apr 04 j 18:11	0°♓49'48	
superior conj	-5287 Apr 06 j 19:11	5°♓17'11	0°20'59
minimum elong	-5287 Apr 06 j 18:16	5°♓12'14	0°20'38
max. Earth dist.	-5287 Apr 07 j 10:52	6°♓42'43	1.32812 AU
evening rise	-5287 Apr 13 j 23:00	20°♓35'32	
	-5287 Apr 18 j 16:10	0°♈	
	-5287 May 07 j 07:50	0°♉	
evening max el	-5287 May 14 j 20:56	8°♉30'07	27°01'44
desc. node	-5287 May 18 j 03:50	11°♉22'09	
retrograde	-5287 May 28 j 20:47	15°♉52'43	
evening set	-5287 Jun 04 j 16:23	13°♉46'33	
min. Earth dist.	-5287 Jun 08 j 10:25	11°♉01'08	0.61089 AU
inferior conj	-5287 Jun 11 j 16:26	8°♉10'35	-4°-10'-10
minimum elong	-5287 Jun 11 j 17:06	8°♉09'05	4°09'59
morning rise	-5287 Jun 18 j 20:48	3°♉19'04	
direct	-5287 Jun 21 j 09:09	2°♉53'10	
morning max el	-5287 Jun 28 j 09:16	6°♉20'39	18°04'00
asc. node	-5287 Jul 01 j 18:06	10°♉14'21	
	-5287 Jul 13 j 13:02	0°♊	
morning set	-5287 Jul 14 j 09:51	1°♊35'58	
superior conj	-5287 Jul 24 j 17:11	20°♊18'42	1°43'34
minimum elong	-5287 Jul 24 j 20:09	20°♊31'44	1°43'42
	-5287 Jul 30 j 07:51	0°♋	
max. Earth dist.	-5287 Aug 01 j 04:50	3°♋08'56	1.41822 AU
evening rise	-5287 Aug 07 j 08:35	13°♋11'52	
desc. node	-5287 Aug 14 j 02:31	23°♋45'14	
	-5287 Aug 18 j 05:37	0°♌	
greatest brilliancy	-5287 Sep 04 j 09:13	23°♌48'12	-0.3m
evening max el	-5287 Sep 09 j 02:38	29°♌07'56	22°15'48
	-5287 Sep 09 j 23:45	0°♍	
retrograde	-5287 Sep 18 j 12:57	4°♍43'40	
evening set	-5287 Sep 23 j 00:14	2°♍56'38	
	-5287 Sep 25 j 20:15	30°℞♌	
asc. node	-5287 Sep 27 j 17:14	27°♌31'54	
inferior conj	-5287 Sep 28 j 08:33	26°♌39'08	0°13'01
minimum elong	-5287 Sep 28 j 08:15	26°♌40'12	0°13'05
transit middle	-5287 Sep 28 j 08:15	26°♌40'12	0°13'05
transit begin	-5287 Sep 28 j 06:37	26°♌45'48	
transit end	-5287 Sep 28 j 09:52	26°♌34'35	
min. Earth dist.	-5287 Sep 28 j 09:41	26°♌35'14	0.67339 AU
morning rise	-5287 Oct 03 j 16:06	20°♌22'04	
direct	-5287 Oct 08 j 06:14	18°♌30'25	
morning max el	-5287 Oct 17 j 21:49	24°♌15'45	22°32'15
greatest brilliancy	-5287 Oct 22 j 15:21	29°♌36'11	-0.3m
	-5287 Oct 22 j 23:07	0°♍	
desc. node	-5287 Nov 10 j 02:42	25°♍28'14	
	-5287 Nov 13 j 01:38	0°♎	
morning set	-5287 Nov 20 j 09:31	11°♎37'27	
max. Earth dist.	-5287 Nov 25 j 19:49	20°♎38'12	1.40635 AU
	-5287 Dec 01 j 05:40	0°♏	
superior conj	-5287 Dec 03 j 13:55	4°♏10'50	-1°-50'-41
minimum elong	-5287 Dec 03 j 12:19	4°♏03'40	1°50'49
evening rise	-5287 Dec 13 j 14:10	22°♏44'14	
	-5287 Dec 17 j 11:25	0°♐	
asc. node	-5287 Dec 24 j 15:49	12°♐15'02	
evening max el	-5287 Dec 29 j 19:23	18°♐42'50	18°19'44
retrograde	-5286 Jan 06 j 01:33	22°♐19'20	
evening set	-5286 Jan 08 j 14:12	21°♐54'11	
inferior conj	-5286 Jan 15 j 19:25	17°♐12'09	4°04'42
minimum elong	-5286 Jan 15 j 20:22	17°♐10'07	4°04'22
min. Earth dist.	-5286 Jan 19 j 03:12	14°♐24'26	0.59628 AU
morning rise	-5286 Jan 22 j 23:30	11°♐42'53	
direct	-5286 Jan 29 j 12:40	9°♐48'40	
desc. node	-5286 Feb 06 j 02:36	12°♐09'21	
morning max el	-5286 Feb 12 j 17:07	17°♐22'23	27°00'21
	-5286 Feb 23 j 05:15	0°♑	
	-5286 Mar 12 j 17:06	0°♒	
morning set	-5286 Mar 15 j 04:13	5°♒02'15	
superior conj	-5286 Mar 22 j 06:55	20°♒19'16	0°-3'-32
minimum elong	-5286 Mar 22 j 07:05	20°♒20'10	0°03'44
behind sun begin	-5286 Mar 22 j 02:12	19°♒53'28	
behind sun end	-5286 Mar 22 j 11:58	20°♒46'52	
max. Earth dist.	-5286 Mar 22 j 00:32	19°♒44'18	1.32628 AU
asc. node	-5286 Mar 22 j 15:07	21°♒04'08	
	-5286 Mar 26 j 17:39	0°♓	
evening rise	-5286 Mar 29 j 07:49	5°♓29'54	
	-5286 Apr 11 j 10:12	0°♈	
evening max el	-5286 Apr 26 j 20:28	20°♈10'08	26°06'46
desc. node	-5286 May 05 j 01:03	26°♈04'17	
retrograde	-5286 May 10 j 22:40	27°♈27'27	
evening set	-5286 May 16 j 23:35	25°♈57'41	
min. Earth dist.	-5286 May 21 j 09:11	23°♈14'08	0.59054 AU
inferior conj	-5286 May 24 j 17:57	20°♈41'09	-4°-1'-26
minimum elong	-5286 May 24 j 15:33	20°♈45'43	4°01'10
morning rise	-5286 Jun 01 j 11:22	16°♈11'46	
direct	-5286 Jun 03 j 22:33	15°♈50'54	
morning max el	-5286 Jun 11 j 18:03	19°♈34'07	18°30'05
asc. node	-5286 Jun 18 j 15:04	28°♈27'55	
	-5286 Jun 19 j 13:45	0°♉	
morning set	-5286 Jun 27 j 21:38	15°♉12'45	
	-5286 Jul 05 j 15:30	0°♊	
superior conj	-5286 Jul 07 j 01:39	2°♊39'14	1°49'33
minimum elong	-5286 Jul 07 j 01:50	2°♊40'04	1°49'49

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-5286 Jul 14 j 08:26	15°♊45'05	1.39947 AU	
evening rise	-5286 Jul 18 j 18:57	23°♊19'29		
	-5286 Jul 22 j 20:26	0°♋		
desc. node	-5286 Jul 31 j 23:32	14°♋11'15		
	-5286 Aug 12 j 03:13	0°♌		
evening max el	-5286 Aug 22 j 15:46	12°♌32'55	23°36'28	
retrograde	-5286 Sep 02 j 05:14	18°♌47'32		
evening set	-5286 Sep 07 j 07:00	16°♌40'13		
min. Earth dist.	-5286 Sep 12 j 05:49	10°♌51'38	0.67336 AU	
inferior conj	-5286 Sep 12 j 14:59	10°♌20'18	0°-40'00	
minimum elong	-5286 Sep 12 j 15:54	10°♌17'11	0°39'24	
asc. node	-5286 Sep 14 j 14:21	7°♌42'22		
morning rise	-5286 Sep 18 j 00:54	4°♌07'28		
direct	-5286 Sep 22 j 01:30	2°♌36'28		
morning max el	-5286 Sep 30 j 14:38	7°♌39'30	21°11'28	
greatest brilliancy	-5286 Oct 06 j 02:33	14°♌04'56	-0.5m	
	-5286 Oct 17 j 11:22	0°♍		
desc. node	-5286 Oct 27 j 23:31	15°♍53'43		
morning set	-5286 Oct 30 j 19:21	20°♍17'50		
	-5286 Nov 05 j 21:45	0°♎		
max. Earth dist.	-5286 Nov 07 j 23:58	3°♎23'58	1.42491 AU	
superior conj	-5286 Nov 15 j 01:00	15°♎09'16	-1°-37'-27	
minimum elong	-5286 Nov 14 j 20:03	14°♎48'10	1°37'09	
	-5286 Nov 23 j 12:48	0°♏		
evening rise	-5286 Nov 26 j 13:02	5°♏23'55		
asc. node	-5286 Dec 11 j 12:56	29°♏54'27		
	-5286 Dec 11 j 14:48	0°♐		
evening max el	-5286 Dec 13 j 05:50	1°♐46'48	18°07'58	
retrograde	-5286 Dec 19 j 23:17	5°♐16'01		
evening set	-5286 Dec 22 j 14:09	4°♐44'18		
	-5286 Dec 28 j 22:58	30°℞♏		
inferior conj	-5286 Dec 29 j 07:04	29°♏40'23	4°02'48	
minimum elong	-5286 Dec 29 j 05:30	29°♏44'11	4°02'25	
min. Earth dist.	-5285 Jan 01 j 06:18	26°♏48'16	0.61591 AU	
morning rise	-5285 Jan 04 j 18:33	23°♏54'49		
direct	-5285 Jan 11 j 18:56	21°♏27'58		
desc. node	-5285 Jan 23 j 23:38	27°♏26'26		
morning max el	-5285 Jan 25 j 19:19	29°♏08'16	27°36'40	
	-5285 Jan 26 j 16:04	0°♐		
	-5285 Feb 17 j 00:38	0°♑		
morning set	-5285 Feb 27 j 10:17	19°♑44'02		
	-5285 Mar 04 j 07:26	0°♒		
max. Earth dist.	-5285 Mar 05 j 12:31	2°♒36'53	1.32779 AU	
superior conj	-5285 Mar 06 j 17:54	5°♒16'20	0°-28'-11	
minimum elong	-5285 Mar 06 j 19:08	5°♒23'05	0°28'12	
asc. node	-5285 Mar 09 j 12:05	11°♒16'41		
evening rise	-5285 Mar 13 j 18:51	20°♒27'57		
	-5285 Mar 18 j 11:27	0°♓		
	-5285 Apr 07 j 08:54	0°♈		
evening max el	-5285 Apr 08 j 14:20	1°♈12'55	24°46'49	
desc. node	-5285 Apr 21 j 22:16	8°♈16'56		
retrograde	-5285 Apr 22 j 14:07	8°♈17'57		
evening set	-5285 Apr 27 j 10:05	7°♈24'37		
min. Earth dist.	-5285 May 03 j 02:35	4°♈27'14	0.57174 AU	
inferior conj	-5285 May 05 j 23:57	2°♈33'07	-3°-20'-13	
minimum elong	-5285 May 05 j 18:49	2°♈41'36	3°19'11	
	-5285 May 10 j 04:08	30°℞♓		
morning rise	-5285 May 14 j 07:49	28°♓23'15		
direct	-5285 May 16 j 17:54	28°♓06'32		
	-5285 May 22 j 19:51	0°♈		
morning max el	-5285 May 25 j 19:41	2°♈20'23	19°16'19	
asc. node	-5285 Jun 05 j 12:00	17°♈20'18		
morning set	-5285 Jun 11 j 19:14	29°♈21'16		
	-5285 Jun 12 j 03:03	0°♉		
superior conj	-5285 Jun 20 j 03:48	15°♉54'41	1°45'28	
minimum elong	-5285 Jun 20 j 02:06	15°♉46'22	1°45'36	
max. Earth dist.	-5285 Jun 26 j 09:36	27°♉42'29	1.38018 AU	
	-5285 Jun 27 j 15:49	0°♊		
evening rise	-5285 Jun 30 j 07:46	4°♊45'16		
	-5285 Jul 15 j 21:13	0°♋		
desc. node	-5285 Jul 18 j 20:37	4°♋21'58		
evening max el	-5285 Aug 05 j 02:21	26°♋00'11	24°55'37	
	-5285 Aug 09 j 17:11	0°♌		
retrograde	-5285 Aug 16 j 17:44	2°♌48'03		
evening set	-5285 Aug 22 j 10:36	0°♌21'54		
	-5285 Aug 22 j 20:20	30°℞♋		
min. Earth dist.	-5285 Aug 27 j 00:01	25°♋09'08	0.67024 AU	
inferior conj	-5285 Aug 27 j 19:59	24°♋02'54	-1°-31'-47	
minimum elong	-5285 Aug 27 j 22:03	23°♋56'04	1°30'43	
asc. node	-5285 Sep 01 j 11:27	18°♋40'45		
morning rise	-5285 Sep 02 j 09:54	17°♋57'26		
direct	-5285 Sep 05 j 23:01	16°♋44'39		
morning max el	-5285 Sep 13 j 14:27	21°♋11'11	20°01'15	
	-5285 Sep 20 j 17:36	0°♌		
greatest brilliancy	-5285 Sep 21 j 01:13	0°♌26'26	-0.6m	
morning set	-5285 Oct 09 j 18:14	28°♌32'48		
	-5285 Oct 10 j 16:42	0°♍		
desc. node	-5285 Oct 14 j 20:22	6°♍28'40		
max. Earth dist.	-5285 Oct 21 j 10:48	16°♍54'47	1.43894 AU	
superior conj	-5285 Oct 26 j 08:39	24°♍49'19	-1°-8'-17	
minimum elong	-5285 Oct 26 j 02:09	24°♍22'55	1°07'32	
	-5285 Oct 29 j 12:34	0°♎		
evening rise	-5285 Nov 08 j 18:08	17°♎13'04		
	-5285 Nov 16 j 06:14	0°♏		
evening max el	-5285 Nov 26 j 18:30	15°♏03'25	18°15'24	
asc. node	-5285 Nov 28 j 10:06	16°♏33'40		
retrograde	-5285 Dec 03 j 08:03	18°♏36'15		
evening set	-5285 Dec 06 j 02:17	17°♏56'33		
inferior conj	-5285 Dec 12 j 09:11	12°♏32'34	3°41'15	
minimum elong	-5285 Dec 12 j 06:14	12°♏40'35	3°40'33	
min. Earth dist.	-5285 Dec 14 j 18:58	9°♏55'31	0.63373 AU	
morning rise	-5285 Dec 18 j 08:31	6°♏34'53		
direct	-5285 Dec 25 j 09:26	3°♏49'09		
morning max el	-5284 Jan 08 j 02:25	11°♏31'24	27°36'51	
desc. node	-5284 Jan 10 j 20:37	14°♏24'13		
	-5284 Jan 22 j 20:06	0°♐		
	-5284 Feb 09 j 08:42	0°♑		
morning set	-5284 Feb 11 j 09:58	4°♑02'46		
max. Earth dist.	-5284 Feb 16 j 18:50	15°♑06'14	1.33300 AU	
superior conj	-5284 Feb 19 j 02:24	20°♑02'12	0°-52'-4	
minimum elong	-5284 Feb 19 j 04:35	20°♑13'55	0°51'58	
	-5284 Feb 23 j 17:33	0°♒		
asc. node	-5284 Feb 24 j 09:07	1°♒23'16		
evening rise	-5284 Feb 26 j 06:22	5°♒22'59		
	-5284 Mar 10 j 15:10	0°♓		
evening max el	-5284 Mar 20 j 06:44	11°♓58'26	23°14'08	
retrograde	-5284 Apr 02 j 17:01	18°♓35'21		
evening set	-5284 Apr 06 j 06:22	18°♓07'39		
desc. node	-5284 Apr 07 j 19:28	17°♓39'24		
min. Earth dist.	-5284 Apr 13 j 17:50	14°♓44'40	0.55796 AU	
inferior conj	-5284 Apr 15 j 10:35	13°♓44'39	-2°00'-29	
minimum elong	-5284 Apr 15 j 05:46	13°♓51'46	1°59'08	
morning rise	-5284 Apr 24 j 08:14	9°♓45'46		
direct	-5284 Apr 26 j 19:02	9°♓31'06		
morning max el	-5284 May 07 j 11:38	14°♓30'26	20°22'35	
	-5284 May 18 j 18:14	0°♈		
asc. node	-5284 May 22 j 08:58	6°♈42'20		
morning set	-5284 May 25 j 23:48	13°♈54'20		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5284 Jun 02 j 18:46	29°♈51'15	1°34'05
minimum elong	-5284 Jun 02 j 16:09	29°♈38'03	1°33'57
	-5284 Jun 02 j 20:29	0°♉	
max. Earth dist.	-5284 Jun 07 j 15:07	9°♉27'32	1.36272 AU
evening rise	-5284 Jun 11 j 19:11	17°♉20'23	
	-5284 Jun 18 j 23:05	0°♊	
desc. node	-5284 Jul 04 j 17:44	24°♊10'35	
	-5284 Jul 09 j 03:47	0°♋	
evening max el	-5284 Jul 17 j 13:00	9°♋30'11	26°05'08
retrograde	-5284 Jul 30 j 01:40	16°♋40'29	
evening set	-5284 Aug 05 j 09:01	13°♋59'55	
min. Earth dist.	-5284 Aug 09 j 13:56	9°♋25'23	0.66381 AU
inferior conj	-5284 Aug 10 j 21:48	7°♋45'07	-2°-20'-34
minimum elong	-5284 Aug 11 j 00:47	7°♋35'43	2°19'16
morning rise	-5284 Aug 16 j 17:16	1°♋50'18	
asc. node	-5284 Aug 18 j 08:32	1°♋05'59	
direct	-5284 Aug 19 j 21:13	0°♋52'34	
morning max el	-5284 Aug 26 j 20:57	4°♋50'22	19°05'08
	-5284 Sep 13 j 11:41	0°♌	
morning set	-5284 Sep 18 j 05:06	7°♌27'15	
desc. node	-5284 Sep 30 j 17:15	27°♌09'37	
	-5284 Oct 02 j 12:28	0°♍	
max. Earth dist.	-5284 Oct 03 j 02:40	0°♍56'00	1.44667 AU
superior conj	-5284 Oct 04 j 16:03	3°♍23'41	0°-24'-37
minimum elong	-5284 Oct 04 j 12:55	3°♍11'19	0°24'04
evening rise	-5284 Oct 20 j 00:40	28°♍02'06	
	-5284 Oct 21 j 05:35	0°♎	
evening max el	-5284 Nov 09 j 06:44	28°♎27'31	18°41'02
	-5284 Nov 10 j 22:23	0°♏	
asc. node	-5284 Nov 14 j 07:15	1°♏57'35	
retrograde	-5284 Nov 15 j 23:58	2°♏13'28	
evening set	-5284 Nov 18 j 23:19	1°♏23'42	
	-5284 Nov 20 j 22:07	30°℞♎	
inferior conj	-5284 Nov 24 j 22:12	25°♎42'06	3°06'43
minimum elong	-5284 Nov 24 j 18:54	25°♎51'57	3°05'44
min. Earth dist.	-5284 Nov 26 j 17:30	23°♎32'50	0.64845 AU
morning rise	-5284 Nov 30 j 13:19	19°♎35'20	
direct	-5284 Dec 07 j 06:41	16°♎45'55	
morning max el	-5284 Dec 20 j 11:45	24°♎22'07	27°03'44
	-5284 Dec 25 j 15:11	0°♏	
desc. node	-5284 Dec 27 j 17:35	2°♏33'49	
	-5283 Jan 15 j 04:51	0°♐	
morning set	-5283 Jan 25 j 00:11	17°♐48'14	
max. Earth dist.	-5283 Jan 29 j 15:54	27°♐02'38	1.34247 AU
	-5283 Jan 31 j 02:31	0°♑	
superior conj	-5283 Feb 02 j 06:29	4°♑30'11	-1°-14'-5
minimum elong	-5283 Feb 02 j 09:18	4°♑44'56	1°13'58
evening rise	-5283 Feb 09 j 16:38	20°♑08'58	
asc. node	-5283 Feb 10 j 06:10	21°♑19'05	
	-5283 Feb 14 j 14:12	0°♒	
evening max el	-5283 Mar 02 j 03:30	22°♒52'01	21°42'08
retrograde	-5283 Mar 14 j 08:43	28°♒43'50	
evening set	-5283 Mar 17 j 01:32	28°♒27'30	
desc. node	-5283 Mar 25 j 16:40	24°♒47'13	
inferior conj	-5283 Mar 26 j 08:05	24°♒25'31	0°-10'-34
minimum elong	-5283 Mar 26 j 07:35	24°♒26'13	0°10'37
transit middle	-5283 Mar 26 j 07:35	24°♒26'13	0°10'37
transit begin	-5283 Mar 26 j 04:32	24°♒30'31	
transit end	-5283 Mar 26 j 10:38	24°♒21'56	
min. Earth dist.	-5283 Mar 26 j 08:11	24°♒25'23	0.55220 AU
morning rise	-5283 Apr 04 j 14:00	20°♒23'03	
direct	-5283 Apr 07 j 08:57	20°♒05'46	
morning max el	-5283 Apr 19 j 16:32	25°♒58'03	21°46'56
	-5283 Apr 23 j 10:52	0°♓	
asc. node	-5283 May 09 j 05:57	26°♓25'40	
morning set	-5283 May 10 j 08:52	28°♓44'04	
	-5283 May 10 j 23:31	0°♈	
superior conj	-5283 May 17 j 18:36	14°♈16'31	1°17'30
minimum elong	-5283 May 17 j 15:53	14°♈02'18	1°17'10
max. Earth dist.	-5283 May 21 j 05:56	21°♈25'58	1.34843 AU
evening rise	-5283 May 25 j 23:33	0°♉47'58	
	-5283 May 25 j 13:36	0°♉	
	-5283 Jun 11 j 23:43	0°♊	
desc. node	-5283 Jun 21 j 14:54	13°♊26'48	
evening max el	-5283 Jun 30 j 00:22	22°♊56'00	26°56'48
	-5283 Jul 10 j 19:56	0°♋	
retrograde	-5283 Jul 13 j 04:23	0°♋17'38	
	-5283 Jul 15 j 10:35	30°℞♊	
evening set	-5283 Jul 19 j 23:46	27°♊30'30	
min. Earth dist.	-5283 Jul 23 j 21:06	23°♊34'54	0.65371 AU
inferior conj	-5283 Jul 25 j 18:17	21°♊22'57	-3°-4'-19
minimum elong	-5283 Jul 25 j 21:46	21°♊12'46	3°03'05
morning rise	-5283 Jul 31 j 20:53	15°♊42'12	
direct	-5283 Aug 03 j 18:01	14°♊56'26	
asc. node	-5283 Aug 05 j 05:38	15°♊08'27	
morning max el	-5283 Aug 10 j 08:30	18°♊33'51	18°25'07
	-5283 Aug 18 j 20:46	0°♋	
morning set	-5283 Aug 29 j 17:26	17°♋36'06	
	-5283 Sep 06 j 08:27	0°♌	
superior conj	-5283 Sep 13 j 15:42	11°♌39'53	0°24'33
minimum elong	-5283 Sep 13 j 18:48	11°♌52'08	0°24'24
max. Earth dist.	-5283 Sep 15 j 20:47	15°♌09'49	1.44715 AU
desc. node	-5283 Sep 17 j 14:11	17°♌53'08	
	-5283 Sep 25 j 07:12	0°♍	
evening rise	-5283 Sep 30 j 05:50	7°♍45'23	
greatest brilliancy	-5283 Oct 13 j 23:51	29°♍05'45	-0.7m
	-5283 Oct 14 j 14:24	0°♎	
evening max el	-5283 Oct 23 j 15:57	11°♎54'35	19°23'35
retrograde	-5283 Oct 30 j 19:48	16°♎02'22	
asc. node	-5283 Nov 01 j 04:25	15°♎51'41	
evening set	-5283 Nov 03 j 02:22	14°♎59'58	
inferior conj	-5283 Nov 08 j 19:01	9°♎03'51	2°23'43
minimum elong	-5283 Nov 08 j 16:06	9°♎13'12	2°22'42
min. Earth dist.	-5283 Nov 10 j 00:48	7°♎28'26	0.65960 AU
morning rise	-5283 Nov 14 j 05:02	2°♎50'28	
direct	-5283 Nov 20 j 09:46	0°♎09'46	
morning max el	-5283 Dec 02 j 21:19	7°♎29'14	26°04'11
desc. node	-5283 Dec 14 j 14:32	21°♎34'03	
	-5283 Dec 20 j 12:39	0°♏	
	-5282 Jan 07 j 14:23	0°♐	
morning set	-5282 Jan 08 j 00:48	0°♐48'07	
max. Earth dist.	-5282 Jan 12 j 01:44	8°♐27'29	1.35641 AU
superior conj	-5282 Jan 17 j 03:41	18°♐32'53	-1°-32'-48
minimum elong	-5282 Jan 17 j 06:34	18°♐47'33	1°32'48
	-5282 Jan 22 j 17:23	0°♑	
evening rise	-5282 Jan 24 j 23:50	4°♑40'04	
asc. node	-5282 Jan 28 j 03:14	10°♑59'11	
	-5282 Feb 08 j 13:39	0°♒	
evening max el	-5282 Feb 12 j 09:12	4°♒13'54	20°21'35
retrograde	-5282 Feb 22 j 23:19	9°♒14'44	
evening set	-5282 Feb 25 j 08:42	9°♒00'30	
inferior conj	-5282 Mar 06 j 05:25	5°♒01'53	1°41'33
minimum elong	-5282 Mar 06 j 09:34	4°♒55'45	1°40'00
min. Earth dist.	-5282 Mar 07 j 22:10	4°♒01'42	0.55573 AU
desc. node	-5282 Mar 12 j 13:50	1°♒36'30	
morning rise	-5282 Mar 15 j 08:10	0°♒39'10	
direct	-5282 Mar 18 j 23:26	0°♒10'18	
morning max el	-5282 Apr 01 j 12:02	6°♒49'50	23°23'25
	-5282 Apr 17 j 21:47	0°♓	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning set	-5282 Apr 24 j 20:28	13°♓43'58	
asc. node	-5282 Apr 26 j 02:55	16°♓24'09	
superior conj	-5282 May 02 j 00:28	29°♓01'28	0°57'18
minimum elong	-5282 May 01 j 22:11	28°♓49'17	0°56'52
	-5282 May 02 j 11:25	0°♈	
max. Earth dist.	-5282 May 04 j 06:42	3°♈49'32	1.33775 AU
evening rise	-5282 May 09 j 16:04	14°♈53'38	
	-5282 May 17 j 16:46	0°♉	
	-5282 Jun 06 j 19:45	0°♊	
desc. node	-5282 Jun 08 j 12:04	1°♊56'48	
evening max el	-5282 Jun 12 j 11:11	6°♊06'07	27°23'14
retrograde	-5282 Jun 26 j 01:27	13°♊31'35	
evening set	-5282 Jul 03 j 03:50	10°♊49'11	
min. Earth dist.	-5282 Jul 06 j 19:29	7°♊29'13	0.63970 AU
inferior conj	-5282 Jul 09 j 06:56	4°♊51'37	-3°-40'-15
minimum elong	-5282 Jul 09 j 10:12	4°♊42'56	3°39'23
	-5282 Jul 14 j 18:00	30°℞♉	
morning rise	-5282 Jul 15 j 18:17	29°♉28'12	
direct	-5282 Jul 18 j 10:39	28°♉51'45	
	-5282 Jul 22 j 02:51	0°♊	
asc. node	-5282 Jul 23 j 02:42	0°♊40'39	
morning max el	-5282 Jul 24 j 22:49	2°♊17'38	18°02'28
morning set	-5282 Aug 11 j 07:58	28°♊59'27	
	-5282 Aug 11 j 22:05	0°♋	
superior conj	-5282 Aug 24 j 06:12	20°♋42'10	1°06'36
minimum elong	-5282 Aug 24 j 12:13	21°♋06'45	1°06'13
max. Earth dist.	-5282 Aug 29 j 13:32	29°♋16'15	1.44049 AU
	-5282 Aug 30 j 00:30	0°♌	
desc. node	-5282 Sep 04 j 11:06	8°♌36'00	
evening rise	-5282 Sep 09 j 14:16	16°♌35'10	
	-5282 Sep 18 j 08:41	0°♍	
greatest brilliancy	-5282 Sep 30 j 05:57	17°♍18'46	-0.6m
evening max el	-5282 Oct 06 j 20:00	25°♍20'43	20°21'14
retrograde	-5282 Oct 14 j 16:59	29°♍58'27	
evening set	-5282 Oct 18 j 08:56	28°♍40'41	
asc. node	-5282 Oct 19 j 01:35	28°♍08'26	
inferior conj	-5282 Oct 23 j 21:03	22°♍33'22	1°35'13
minimum elong	-5282 Oct 23 j 18:58	22°♍40'22	1°34'28
min. Earth dist.	-5282 Oct 24 j 14:50	21°♍33'38	0.66736 AU
morning rise	-5282 Oct 29 j 04:29	16°♍16'02	
direct	-5282 Nov 03 j 18:15	13°♍51'54	
morning max el	-5282 Nov 15 j 06:17	20°♍42'29	24°46'52
	-5282 Nov 23 j 07:02	0°♎	
desc. node	-5282 Dec 01 j 11:24	11°♎09'12	
	-5282 Dec 13 j 17:46	0°♏	
morning set	-5282 Dec 21 j 06:18	12°♏46'03	
max. Earth dist.	-5282 Dec 25 j 01:39	19°♏36'43	1.37432 AU
	-5282 Dec 30 j 14:01	0°♐	
superior conj	-5282 Dec 31 j 14:42	1°♐59'42	-1°-46'-21
minimum elong	-5282 Dec 31 j 16:48	2°♐09'55	1°46'31
evening rise	-5281 Jan 09 j 01:42	18°♐48'48	
	-5281 Jan 14 j 20:40	0°♑	
asc. node	-5281 Jan 15 j 00:18	0°♑16'37	
evening max el	-5281 Jan 26 j 01:13	16°♑10'37	19°18'35
retrograde	-5281 Feb 04 j 01:15	20°♑27'31	
evening set	-5281 Feb 06 j 10:34	20°♑10'46	
inferior conj	-5281 Feb 14 j 15:43	16°♑00'50	3°06'37
minimum elong	-5281 Feb 14 j 20:45	15°♑52'22	3°05'12
min. Earth dist.	-5281 Feb 17 j 12:50	14°♑05'43	0.56756 AU
morning rise	-5281 Feb 23 j 03:21	11°♑08'51	
desc. node	-5281 Feb 27 j 10:59	10°♑15'01	
direct	-5281 Feb 28 j 00:09	10°♑14'18	
morning max el	-5281 Mar 14 j 03:08	17°♑26'14	25°00'48
	-5281 Mar 24 j 10:02	0°♒	
morning set	-5281 Apr 09 j 08:47	28°♒47'22	
	-5281 Apr 09 j 22:36	0°♓	
asc. node	-5281 Apr 12 j 23:52	6°♓32'13	
superior conj	-5281 Apr 16 j 10:02	13°♓58'16	0°34'42
minimum elong	-5281 Apr 16 j 08:34	13°♓50'16	0°34'18
max. Earth dist.	-5281 Apr 17 j 15:01	16°♓35'17	1.33060 AU
evening rise	-5281 Apr 23 j 17:02	29°♓25'27	
	-5281 Apr 23 j 23:49	0°♈	
	-5281 May 10 j 20:24	0°♉	
evening max el	-5281 May 25 j 19:10	18°♉47'53	27°19'03
desc. node	-5281 May 26 j 09:16	19°♉21'10	
retrograde	-5281 Jun 08 j 16:23	26°♉13'11	
evening set	-5281 Jun 15 j 17:33	23°♉49'36	
min. Earth dist.	-5281 Jun 19 j 08:07	20°♉55'53	0.62208 AU
inferior conj	-5281 Jun 22 j 08:44	18°♉04'37	-4°-4'-12
minimum elong	-5281 Jun 22 j 10:44	17°♉59'54	4°03'50
morning rise	-5281 Jun 29 j 06:27	13°♉01'14	
direct	-5281 Jul 01 j 19:49	12°♉32'02	
morning max el	-5281 Jul 08 j 13:14	15°♉55'56	17°58'04
asc. node	-5281 Jul 09 j 23:44	17°♉27'40	
	-5281 Jul 18 j 09:47	0°♊	
morning set	-5281 Jul 24 j 20:07	11°♊24'51	
	-5281 Aug 04 j 08:25	0°♋	
superior conj	-5281 Aug 04 j 23:34	1°♋04'57	1°34'20
minimum elong	-5281 Aug 05 j 04:12	1°♋24'42	1°34'17
max. Earth dist.	-5281 Aug 12 j 01:34	12°♋55'50	1.42762 AU
evening rise	-5281 Aug 19 j 18:21	25°♋15'10	
desc. node	-5281 Aug 22 j 08:03	29°♋15'29	
	-5281 Aug 22 j 19:34	0°♌	
	-5281 Sep 12 j 09:44	0°♍	
greatest brilliancy	-5281 Sep 14 j 15:43	2°♍54'10	-0.4m
evening max el	-5281 Sep 19 j 17:43	8°♍45'34	21°31'20
retrograde	-5281 Sep 28 j 13:26	13°♍59'35	
evening set	-5281 Oct 02 j 17:01	12°♍23'55	
asc. node	-5281 Oct 05 j 22:45	9°♍01'13	
inferior conj	-5281 Oct 08 j 02:15	6°♍09'00	0°43'33
minimum elong	-5281 Oct 08 j 01:15	6°♍12'26	0°43'16
min. Earth dist.	-5281 Oct 08 j 09:17	5°♍44'46	0.67202 AU
morning rise	-5281 Oct 13 j 09:11	29°♌50'41	
	-5281 Oct 13 j 04:53	30°℞♌	
direct	-5281 Oct 18 j 07:40	27°♌46'52	
	-5281 Oct 24 j 02:33	0°♍	
morning max el	-5281 Oct 28 j 15:55	3°♍58'00	23°21'24
greatest brilliancy	-5281 Nov 03 j 06:41	10°♍20'00	-0.2m
	-5281 Nov 17 j 13:37	0°♎	
desc. node	-5281 Nov 18 j 08:16	1°♎09'23	
morning set	-5281 Dec 02 j 10:41	23°♎27'09	
	-5281 Dec 06 j 07:04	0°♏	
max. Earth dist.	-5281 Dec 06 j 21:36	1°♏03'00	1.39462 AU
superior conj	-5281 Dec 14 j 11:23	14°♏39'46	-1°-52'-9
minimum elong	-5281 Dec 14 j 11:30	14°♏40'18	1°52'21
	-5281 Dec 22 j 12:54	0°♐	
evening rise	-5281 Dec 23 j 19:43	2°♐28'39	
asc. node	-5280 Jan 01 j 21:22	19°♐03'53	
evening max el	-5280 Jan 09 j 02:29	28°♐39'45	18°35'25
	-5280 Jan 10 j 15:11	0°♑	
retrograde	-5280 Jan 16 j 20:50	2°♑26'33	
evening set	-5280 Jan 19 j 08:11	2°♑04'54	
	-5280 Jan 23 j 14:40	30°℞♐	
inferior conj	-5280 Jan 26 j 21:37	27°♐35'49	3°53'30
minimum elong	-5280 Jan 27 j 00:20	27°♐30'33	3°52'54
min. Earth dist.	-5280 Jan 30 j 06:04	25°♐00'38	0.58505 AU
morning rise	-5280 Feb 03 j 12:57	22°♐18'00	
direct	-5280 Feb 09 j 14:10	20°♐45'49	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-5280 Feb 14 j 08:05	21°♐40'56	
morning max el	-5280 Feb 23 j 19:52	28°♐14'57	26°24'06
	-5280 Feb 25 j 13:26	0°♑	
	-5280 Mar 16 j 21:11	0°♒	
morning set	-5280 Mar 23 j 20:08	13°♒47'52	
asc. node	-5280 Mar 29 j 20:48	26°♒45'26	
superior conj	-5280 Mar 30 j 21:28	29°♒00'16	0°10'38
minimum elong	-5280 Mar 30 j 21:01	28°♒57'45	0°10'22
behind sun begin	-5280 Mar 30 j 17:13	28°♒37'02	
behind sun end	-5280 Mar 31 j 00:48	29°♒18'29	
max. Earth dist.	-5280 Mar 31 j 03:38	29°♒33'58	1.32687 AU
	-5280 Mar 31 j 08:24	0°♓	
evening rise	-5280 Apr 06 j 23:38	14°♓13'53	
	-5280 Apr 15 j 01:26	0°♈	
	-5280 May 06 j 01:07	0°♉	
evening max el	-5280 May 06 j 22:13	0°♉51'38	26°42'03
desc. node	-5280 May 12 j 06:29	5°♉12'13	
retrograde	-5280 May 20 j 23:54	8°♉13'22	
evening set	-5280 May 27 j 12:47	6°♉21'56	
min. Earth dist.	-5280 May 31 j 11:36	3°♉39'16	0.60211 AU
inferior conj	-5280 Jun 03 j 20:09	0°♉53'13	-4°-9'-52
minimum elong	-5280 Jun 03 j 19:37	0°♉54'20	4°09'46
	-5280 Jun 04 j 22:06	30°℞♈	
morning rise	-5280 Jun 11 j 05:53	26°♈11'18	
direct	-5280 Jun 13 j 17:31	25°♈47'48	
morning max el	-5280 Jun 21 j 00:53	29°♈20'44	18°12'44
	-5280 Jun 21 j 16:40	0°♉	
asc. node	-5280 Jun 25 j 20:43	5°♉13'27	
morning set	-5280 Jul 07 j 00:34	24°♉38'27	
	-5280 Jul 09 j 21:01	0°♊	
superior conj	-5280 Jul 16 j 19:12	12°♊45'56	1°47'32
minimum elong	-5280 Jul 16 j 20:54	12°♊53'37	1°47'46
max. Earth dist.	-5280 Jul 24 j 07:35	25°♊54'48	1.41038 AU
	-5280 Jul 26 j 17:59	0°♋	
evening rise	-5280 Jul 29 j 14:11	4°♋40'33	
desc. node	-5280 Aug 08 j 05:04	19°♋47'29	
	-5280 Aug 15 j 02:30	0°♌	
greatest brilliancy	-5280 Aug 27 j 11:12	16°♌38'29	-0.3m
evening max el	-5280 Sep 01 j 09:33	22°♌09'51	22°49'52
retrograde	-5280 Sep 11 j 07:35	28°♌02'47	
evening set	-5280 Sep 16 j 00:45	26°♌07'23	
inferior conj	-5280 Sep 21 j 08:43	19°♌48'24	0°-9'-28
minimum elong	-5280 Sep 21 j 08:55	19°♌47'40	0°09'12
transit middle	-5280 Sep 21 j 08:55	19°♌47'40	0°09'12
transit begin	-5280 Sep 21 j 06:41	19°♌55'22	
transit end	-5280 Sep 21 j 11:09	19°♌39'58	
min. Earth dist.	-5280 Sep 21 j 05:33	19°♌59'19	0.67372 AU
asc. node	-5280 Sep 21 j 19:53	19°♌09'55	
morning rise	-5280 Sep 26 j 17:02	13°♌32'27	
direct	-5280 Oct 01 j 01:13	11°♌49'39	
morning max el	-5280 Oct 10 j 05:08	17°♌16'55	21°56'48
greatest brilliancy	-5280 Oct 15 j 02:40	22°♌52'26	-0.4m
	-5280 Oct 20 j 12:54	0°♍	
desc. node	-5280 Nov 04 j 05:07	21°♍27'04	
	-5280 Nov 09 j 16:57	0°♎	
morning set	-5280 Nov 11 j 10:38	2°♎45'38	
max. Earth dist.	-5280 Nov 17 j 21:12	13°♎15'44	1.41468 AU
superior conj	-5280 Nov 25 j 12:27	26°♎19'38	-1°-46'-53
minimum elong	-5280 Nov 25 j 09:26	26°♎06'20	1°46'52
	-5280 Nov 27 j 14:14	0°♏	
evening rise	-5280 Dec 06 j 02:40	15°♏32'25	
	-5280 Dec 14 j 03:19	0°♐	
asc. node	-5280 Dec 18 j 18:28	7°♐11'32	
evening max el	-5280 Dec 22 j 10:30	11°♐33'55	18°12'21
retrograde	-5280 Dec 29 j 09:56	15°♐05'25	
evening set	-5280 Dec 31 j 23:31	14°♐37'35	
inferior conj	-5279 Jan 07 j 23:15	9°♐46'26	4°06'46
minimum elong	-5279 Jan 07 j 23:00	9°♐46'58	4°06'29
min. Earth dist.	-5279 Jan 11 j 04:31	6°♐53'55	0.60479 AU
morning rise	-5279 Jan 14 j 19:46	4°♐09'48	
direct	-5279 Jan 21 j 15:23	1°♐59'59	
desc. node	-5279 Jan 31 j 05:08	5°♐43'52	
morning max el	-5279 Feb 04 j 18:10	9°♐37'05	27°20'03
	-5279 Feb 20 j 12:18	0°♑	
morning set	-5279 Mar 08 j 04:44	28°♑39'03	
	-5279 Mar 08 j 20:20	0°♒	
max. Earth dist.	-5279 Mar 14 j 16:59	12°♒33'25	1.32648 AU
superior conj	-5279 Mar 15 j 09:08	14°♒01'31	0°-14'-2
minimum elong	-5279 Mar 15 j 09:45	14°♒04'58	0°14'08
behind sun begin	-5279 Mar 15 j 07:31	13°♒52'42	
behind sun end	-5279 Mar 15 j 12:00	14°♒17'14	
asc. node	-5279 Mar 16 j 17:45	16°♒59'49	
evening rise	-5279 Mar 22 j 09:40	29°♒11'17	
	-5279 Mar 22 j 18:58	0°♓	
	-5279 Apr 08 j 15:21	0°♈	
evening max el	-5279 Apr 18 j 19:21	12°♈15'37	25°35'19
desc. node	-5279 Apr 29 j 03:41	18°♈55'21	
retrograde	-5279 May 02 j 21:38	19°♈28'39	
evening set	-5279 May 08 j 10:55	18°♈15'25	
min. Earth dist.	-5279 May 13 j 08:00	15°♈27'25	0.58212 AU
inferior conj	-5279 May 16 j 13:43	13°♈08'51	-3°-48'-32
minimum elong	-5279 May 16 j 09:59	13°♈15'34	3°47'59
morning rise	-5279 May 24 j 13:07	8°♈47'57	
direct	-5279 May 26 j 23:44	8°♈28'59	
morning max el	-5279 Jun 04 j 06:56	12°♈23'46	18°47'14
asc. node	-5279 Jun 12 j 17:41	23°♈45'05	
	-5279 Jun 16 j 06:11	0°♉	
morning set	-5279 Jun 20 j 16:58	8°♉29'55	
superior conj	-5279 Jun 29 j 11:51	25°♉31'21	1°48'52
minimum elong	-5279 Jun 29 j 11:06	25°♉27'48	1°49'06
	-5279 Jul 01 j 21:10	0°♊	
max. Earth dist.	-5279 Jul 06 j 09:34	8°♊12'33	1.39120 AU
evening rise	-5279 Jul 10 j 12:04	15°♊21'55	
	-5279 Jul 19 j 10:30	0°♋	
desc. node	-5279 Jul 26 j 02:07	10°♋07'31	
	-5279 Aug 09 j 19:21	0°♌	
evening max el	-5279 Aug 14 j 21:26	5°♌36'02	24°10'52
retrograde	-5279 Aug 25 j 22:14	12°♌05'16	
evening set	-5279 Aug 31 j 06:23	9°♌49'52	
min. Earth dist.	-5279 Sep 05 j 01:11	4°♌16'05	0.67245 AU
inferior conj	-5279 Sep 05 j 14:45	3°♌30'10	-1°-2'-12
minimum elong	-5279 Sep 05 j 16:10	3°♌25'22	1°01'23
	-5279 Sep 08 j 07:58	30°℞♋	
asc. node	-5279 Sep 08 j 17:01	29°♋33'59	
morning rise	-5279 Sep 11 j 02:09	27°♋19'58	
direct	-5279 Sep 14 j 21:43	25°♋56'50	
	-5279 Sep 22 j 07:24	0°♌	
morning max el	-5279 Sep 23 j 00:44	0°♌43'08	20°40'02
greatest brilliancy	-5279 Sep 29 j 05:04	8°♌06'51	-0.5m
	-5279 Oct 14 j 07:24	0°♍	
morning set	-5279 Oct 21 j 13:07	11°♍07'01	
desc. node	-5279 Oct 22 j 01:58	11°♍56'56	
max. Earth dist.	-5279 Oct 31 j 04:29	26°♍22'52	1.43161 AU
	-5279 Nov 02 j 09:57	0°♎	
superior conj	-5279 Nov 06 j 12:15	6°♎45'38	-1°-27'-5
minimum elong	-5279 Nov 06 j 06:12	6°♎20'25	1°26'34
evening rise	-5279 Nov 18 j 18:34	27°♎51'46	
	-5279 Nov 19 j 23:40	0°♏	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5279 Dec 05 j 15:36	24°♏27'20	
evening max el	-5279 Dec 05 j 22:19	24°♏44'30	18°08'50
retrograde	-5279 Dec 12 j 12:54	28°♏13'40	
evening set	-5279 Dec 15 j 05:09	27°♏38'36	
inferior conj	-5279 Dec 21 j 17:31	22°♏25'45	3°55'34
minimum elong	-5279 Dec 21 j 15:14	22°♏31'36	3°55'05
min. Earth dist.	-5279 Dec 24 j 11:18	19°♏38'20	0.62386 AU
morning rise	-5279 Dec 27 j 23:22	16°♏34'56	
direct	-5278 Jan 04 j 01:16	13°♏58'20	
morning max el	-5278 Jan 17 j 22:35	21°♏39'11	27°41'07
desc. node	-5278 Jan 18 j 02:08	21°♏47'55	
	-5278 Jan 25 j 07:23	0°♐	
	-5278 Feb 13 j 12:36	0°♑	
morning set	-5278 Feb 20 j 08:25	13°♑12'07	
max. Earth dist.	-5278 Feb 26 j 03:10	25°♑18'25	1.32959 AU
superior conj	-5278 Feb 27 j 19:17	28°♑54'43	0°-38'-28
minimum elong	-5278 Feb 27 j 20:57	29°♑03'45	0°38'25
	-5278 Feb 28 j 07:20	0°♒	
asc. node	-5278 Mar 03 j 14:44	7°♒10'24	
evening rise	-5278 Mar 06 j 21:09	14°♒09'12	
	-5278 Mar 14 j 22:23	0°♓	
evening max el	-5278 Mar 31 j 12:02	23°♓08'13	24°08'05
	-5278 Apr 13 j 04:57	0°♈	
retrograde	-5278 Apr 14 j 07:20	0°♈02'46	
	-5278 Apr 15 j 09:47	30°℞♓	
desc. node	-5278 Apr 16 j 00:54	29°♓55'58	
evening set	-5278 Apr 18 j 14:01	29°♓22'03	
min. Earth dist.	-5278 Apr 24 j 23:59	26°♓15'23	0.56514 AU
inferior conj	-5278 Apr 27 j 11:10	24°♓43'10	-2°-51'-5
minimum elong	-5278 Apr 27 j 05:39	24°♓51'50	2°49'45
morning rise	-5278 May 06 j 01:11	20°♓39'21	
direct	-5278 May 08 j 11:25	20°♓23'42	
morning max el	-5278 May 18 j 04:37	24°♓54'58	19°42'06
	-5278 May 22 j 16:08	0°♈	
asc. node	-5278 May 30 j 14:40	12°♈51'01	
morning set	-5278 Jun 04 j 17:52	22°♈49'46	
	-5278 Jun 08 j 07:08	0°♉	
superior conj	-5278 Jun 12 j 19:59	9°♉05'30	1°41'24
minimum elong	-5278 Jun 12 j 17:47	8°♉54'35	1°41'24
max. Earth dist.	-5278 Jun 18 j 12:12	20°♉02'32	1.37246 AU
evening rise	-5278 Jun 22 j 11:08	27°♉18'25	
	-5278 Jun 23 j 23:25	0°♊	
desc. node	-5278 Jul 12 j 23:13	0°♋09'39	
	-5278 Jul 12 j 20:30	0°♋	
evening max el	-5278 Jul 28 j 07:55	19°♋04'52	25°26'54
retrograde	-5278 Aug 09 j 08:43	26°♋03'02	
evening set	-5278 Aug 15 j 08:03	23°♋29'54	
min. Earth dist.	-5278 Aug 19 j 17:46	18°♋33'25	0.66794 AU
inferior conj	-5278 Aug 20 j 18:39	17°♋12'34	-1°-52'-58
minimum elong	-5278 Aug 20 j 21:08	17°♋04'28	1°51'46
morning rise	-5278 Aug 26 j 10:44	11°♋11'28	
asc. node	-5278 Aug 26 j 14:09	11°♋06'01	
direct	-5278 Aug 29 j 19:45	10°♋05'24	
morning max el	-5278 Sep 06 j 03:34	14°♋18'15	19°35'37
greatest brilliancy	-5278 Sep 14 j 22:34	25°♋36'31	-0.7m
	-5278 Sep 17 j 21:54	0°♌	
morning set	-5278 Sep 30 j 14:40	19°♌32'31	
	-5278 Oct 07 j 07:21	0°♍	
desc. node	-5278 Oct 08 j 22:50	2°♍34'59	
max. Earth dist.	-5278 Oct 13 j 18:28	10°♍11'26	1.44305 AU
superior conj	-5278 Oct 17 j 08:30	15°♍54'21	0°-51'-12
minimum elong	-5278 Oct 17 j 02:45	15°♍31'22	0°50'26
	-5278 Oct 26 j 00:40	0°♎	
evening rise	-5278 Oct 31 j 14:42	9°♎17'16	
	-5278 Nov 13 j 06:04	0°♏	
evening max el	-5278 Nov 19 j 11:08	8°♏05'13	18°24'05
asc. node	-5278 Nov 22 j 12:46	10°♏37'02	
retrograde	-5278 Nov 26 j 01:21	11°♏42'42	
evening set	-5278 Nov 28 j 21:32	10°♏58'55	
inferior conj	-5278 Dec 05 j 00:45	5°♏26'45	3°27'54
minimum elong	-5278 Dec 04 j 21:34	5°♏35'51	3°27'04
min. Earth dist.	-5278 Dec 07 j 04:14	3°♏00'40	0.64038 AU
	-5278 Dec 10 j 03:38	30°℞♎	
morning rise	-5278 Dec 10 j 20:11	29°♎24'49	
direct	-5278 Dec 17 j 18:31	26°♎36'10	
	-5278 Dec 26 j 08:15	0°♏	
morning max el	-5278 Dec 31 j 07:12	4°♏16'37	27°26'36
desc. node	-5277 Jan 04 j 23:07	9°♏19'39	
	-5277 Jan 19 j 19:49	0°♐	
morning set	-5277 Feb 04 j 04:33	27°♐18'24	
	-5277 Feb 05 j 13:04	0°♑	
max. Earth dist.	-5277 Feb 09 j 06:17	7°♑36'16	1.33658 AU
superior conj	-5277 Feb 12 j 02:11	13°♑33'53	-1°-1'-42
minimum elong	-5277 Feb 12 j 04:41	13°♑47'11	1°01'35
asc. node	-5277 Feb 18 j 11:46	27°♑13'00	
evening rise	-5277 Feb 19 j 08:24	29°♑01'27	
	-5277 Feb 19 j 19:37	0°♒	
	-5277 Mar 09 j 14:15	0°♓	
evening max el	-5277 Mar 13 j 05:23	3°♓53'13	22°33'58
retrograde	-5277 Mar 26 j 04:59	10°♓13'02	
evening set	-5277 Mar 29 j 08:04	9°♓51'32	
desc. node	-5277 Apr 02 j 22:06	8°♓11'51	
min. Earth dist.	-5277 Apr 06 j 14:24	6°♓13'50	0.55448 AU
inferior conj	-5277 Apr 07 j 14:55	5°♓38'48	-1°-16'-10
minimum elong	-5277 Apr 07 j 11:33	5°♓43'36	1°15'14
morning rise	-5277 Apr 16 j 17:14	1°♓40'57	
direct	-5277 Apr 19 j 06:12	1°♓26'00	
morning max el	-5277 Apr 30 j 15:55	6°♓47'00	20°56'33
	-5277 May 16 j 06:34	0°♈	
asc. node	-5277 May 17 j 11:38	2°♈22'42	
morning set	-5277 May 20 j 00:34	7°♈30'28	
superior conj	-5277 May 27 j 15:07	23°♈15'26	1°27'35
minimum elong	-5277 May 27 j 12:23	23°♈01'22	1°27'21
	-5277 May 30 j 23:02	0°♉	
max. Earth dist.	-5277 May 31 j 21:14	1°♉50'12	1.35618 AU
evening rise	-5277 Jun 05 j 06:21	10°♉17'08	
	-5277 Jun 16 j 12:23	0°♊	
desc. node	-5277 Jun 29 j 20:22	19°♊45'42	
	-5277 Jul 08 j 07:05	0°♋	
evening max el	-5277 Jul 10 j 18:39	2°♋32'59	26°29'45
retrograde	-5277 Jul 23 j 14:30	9°♋49'45	
evening set	-5277 Jul 30 j 03:32	7°♋04'50	
min. Earth dist.	-5277 Aug 03 j 04:57	2°♋47'18	0.65994 AU
inferior conj	-5277 Aug 04 j 18:26	0°♋52'46	-2°-39'-57
minimum elong	-5277 Aug 04 j 21:42	0°♋42'48	2°38'38
	-5277 Aug 05 j 11:48	30°℞♊	
morning rise	-5277 Aug 10 j 16:46	25°♊03'52	
asc. node	-5277 Aug 13 j 11:16	24°♊12'06	
direct	-5277 Aug 13 j 17:29	24°♊11'43	
morning max el	-5277 Aug 20 j 12:33	27°♊59'48	18°46'07
	-5277 Aug 22 j 08:02	0°♋	
morning set	-5277 Sep 10 j 11:29	28°♋56'05	
	-5277 Sep 11 j 03:27	0°♌	
desc. node	-5277 Sep 25 j 19:44	23°♌17'13	
superior conj	-5277 Sep 26 j 09:43	24°♌12'19	0°-3'-40
minimum elong	-5277 Sep 26 j 09:16	24°♌10'33	0°03'25
behind sun begin	-5277 Sep 25 j 22:01	23°♌26'13	
behind sun end	-5277 Sep 26 j 20:31	24°♌54'52	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-5277 Sep 26 j 11:37	24°♌19'50	1.44767 AU	
	-5277 Sep 30 j 01:53	0°♍		
evening rise	-5277 Oct 12 j 10:30	19°♍38'06		
	-5277 Oct 18 j 21:51	0°♎		
evening max el	-5277 Nov 02 j 22:17	21°♎30'20	18°57'08	
asc. node	-5277 Nov 09 j 09:58	25°♎24'08		
retrograde	-5277 Nov 09 j 19:24	25°♎25'00		
evening set	-5277 Nov 12 j 21:27	24°♎30'19		
inferior conj	-5277 Nov 18 j 17:27	18°♎42'02	2°49'20	
minimum elong	-5277 Nov 18 j 14:14	18°♎51'56	2°48'19	
min. Earth dist.	-5277 Nov 20 j 06:49	16°♎46'37	0.65355 AU	
morning rise	-5277 Nov 24 j 06:01	12°♎31'50		
direct	-5277 Nov 30 j 18:19	9°♎44'53		
morning max el	-5277 Dec 13 j 17:03	17°♎16'18	26°41'12	
desc. node	-5277 Dec 22 j 20:04	27°♎52'44		
	-5277 Dec 24 j 10:31	0°♏		
	-5276 Jan 12 j 16:30	0°♐		
morning set	-5276 Jan 18 j 13:35	10°♐46'23		
max. Earth dist.	-5276 Jan 22 j 22:40	19°♐18'14	1.34785 AU	
superior conj	-5276 Jan 27 j 03:39	27°♐51'54	-1°-22'-31	
minimum elong	-5276 Jan 27 j 06:35	28°♐07'05	1°22'27	
	-5276 Jan 28 j 04:21	0°♑		
evening rise	-5276 Feb 03 j 17:35	13°♑41'39		
asc. node	-5276 Feb 05 j 08:49	17°♑02'43		
	-5276 Feb 12 j 04:39	0°♒		
evening max el	-5276 Feb 23 j 05:29	14°♒57'05	21°05'57	
retrograde	-5276 Mar 05 j 19:08	20°♒27'35		
evening set	-5276 Mar 08 j 07:03	20°♒13'06		
inferior conj	-5276 Mar 17 j 10:37	16°♒14'36	0°38'43	
minimum elong	-5276 Mar 17 j 12:21	16°♒12'06	0°37'54	
min. Earth dist.	-5276 Mar 18 j 04:50	15°♒48'38	0.55255 AU	
desc. node	-5276 Mar 19 j 19:16	14°♒54'50		
morning rise	-5276 Mar 26 j 16:46	12°♒05'01		
direct	-5276 Mar 29 j 18:26	11°♒44'24		
morning max el	-5276 Apr 11 j 16:36	17°♒58'47	22°27'03	
	-5276 Apr 21 j 07:31	0°♓		
morning set	-5276 May 03 j 10:57	22°♓25'36		
asc. node	-5276 May 03 j 08:35	22°♓13'21		
	-5276 May 07 j 01:10	0°♈		
superior conj	-5276 May 10 j 17:52	7°♈50'46	1°09'18	
minimum elong	-5276 May 10 j 15:17	7°♈37'05	1°08'54	
max. Earth dist.	-5276 May 13 j 16:08	13°♈57'57	1.34340 AU	
evening rise	-5276 May 18 j 16:26	24°♈03'07		
	-5276 May 21 j 19:02	0°♉		
	-5276 Jun 09 j 01:48	0°♊		
desc. node	-5276 Jun 15 j 17:31	8°♊44'44		
evening max el	-5276 Jun 22 j 05:52	15°♊53'32	27°11'31	
retrograde	-5276 Jul 05 j 15:08	23°♊18'28		
evening set	-5276 Jul 12 j 14:10	20°♊31'39		
min. Earth dist.	-5276 Jul 16 j 08:39	16°♊51'54	0.64816 AU	
inferior conj	-5276 Jul 18 j 11:55	14°♊27'44	-3°-20'-47	
minimum elong	-5276 Jul 18 j 15:25	14°♊17'53	3°19'40	
morning rise	-5276 Jul 24 j 18:04	8°♊54'02		
direct	-5276 Jul 27 j 12:47	8°♊12'41		
asc. node	-5276 Jul 30 j 08:20	8°♊54'29		
morning max el	-5276 Aug 03 j 01:37	11°♊44'29	18°13'17	
	-5276 Aug 15 j 16:54	0°♋		
morning set	-5276 Aug 21 j 11:19	9°♋37'33		
	-5276 Sep 02 j 21:01	0°♌		
superior conj	-5276 Sep 04 j 13:19	2°♌41'42	0°43'53	
minimum elong	-5276 Sep 04 j 18:17	3°♌01'33	0°43'32	
max. Earth dist.	-5276 Sep 08 j 04:54	8°♌30'23	1.44511 AU	
desc. node	-5276 Sep 11 j 16:40	14°♌00'58		
evening rise	-5276 Sep 21 j 05:31	28°♌54'45		
	-5276 Sep 21 j 22:19	0°♍		
greatest brilliancy	-5276 Oct 08 j 05:49	24°♍47'11	-0.6m	
	-5276 Oct 12 j 00:56	0°♎		
evening max el	-5276 Oct 16 j 05:29	4°♎56'57	19°46'27	
retrograde	-5276 Oct 23 j 16:01	9°♎16'45		
asc. node	-5276 Oct 26 j 07:09	8°♎36'29		
evening set	-5276 Oct 27 j 02:13	8°♎08'20		
inferior conj	-5276 Nov 01 j 16:45	2°♎07'13	2°03'40	
minimum elong	-5276 Nov 01 j 14:09	2°♎15'46	2°02'44	
min. Earth dist.	-5276 Nov 02 j 17:21	0°♎46'35	0.66329 AU	
	-5276 Nov 03 j 07:47	30°℞♍		
morning rise	-5276 Nov 07 j 01:21	25°♍51'40		
direct	-5276 Nov 12 j 23:57	23°♍16'57		
	-5276 Nov 24 j 15:38	0°♎		
morning max el	-5276 Nov 25 j 02:11	0°♎26'11	25°32'49	
desc. node	-5276 Dec 08 j 16:58	17°♎09'09		
	-5276 Dec 17 j 09:35	0°♏		
morning set	-5276 Dec 31 j 06:47	23°♏21'59		
	-5275 Jan 03 j 20:47	0°♐		
max. Earth dist.	-5275 Jan 04 j 03:21	0°♐31'01	1.36355 AU	
superior conj	-5275 Jan 09 j 20:58	11°♐40'37	-1°-39'-20	
minimum elong	-5275 Jan 09 j 23:39	11°♐54'00	1°39'24	
evening rise	-5275 Jan 17 j 22:46	28°♐03'44		
	-5275 Jan 18 j 21:48	0°♑		
asc. node	-5275 Jan 22 j 05:52	6°♑33'54		
evening max el	-5275 Feb 04 j 15:43	26°♑34'22	19°52'31	
	-5275 Feb 09 j 09:50	0°♒		
retrograde	-5275 Feb 14 j 12:52	1°♒14'37		
evening set	-5275 Feb 16 j 21:42	0°♒59'45		
	-5275 Feb 19 j 23:54	30°℞♑		
inferior conj	-5275 Feb 25 j 12:11	26°♑58'14	2°22'04	
minimum elong	-5275 Feb 25 j 17:14	26°♑50'24	2°20'22	
min. Earth dist.	-5275 Feb 27 j 19:14	25°♑33'13	0.55986 AU	
morning rise	-5275 Mar 06 j 09:36	22°♑23'07		
desc. node	-5275 Mar 06 j 16:25	22°♑18'08		
direct	-5275 Mar 10 j 13:03	21°♑44'56		
morning max el	-5275 Mar 24 j 09:23	28°♑40'54	24°05'30	
	-5275 Mar 25 j 17:14	0°♒		
	-5275 Apr 14 j 07:21	0°♓		
morning set	-5275 Apr 17 j 23:03	7°♓27'52		
asc. node	-5275 Apr 20 j 05:31	12°♓16'32		
superior conj	-5275 Apr 25 j 01:33	22°♓41'57	0°47'58	
minimum elong	-5275 Apr 24 j 23:35	22°♓31'19	0°47'31	
max. Earth dist.	-5275 Apr 26 j 20:26	26°♓31'55	1.33430 AU	
	-5275 Apr 28 j 11:40	0°♈		
evening rise	-5275 May 02 j 12:58	8°♈21'51		
	-5275 May 14 j 05:58	0°♉		
desc. node	-5275 Jun 02 j 14:43	26°♉50'04		
evening max el	-5275 Jun 04 j 15:57	28°♉54'02	27°25'29	
	-5275 Jun 05 j 20:15	0°♊		
retrograde	-5275 Jun 18 j 09:45	6°♊19'39		
evening set	-5275 Jun 25 j 12:36	3°♊43'51		
min. Earth dist.	-5275 Jun 29 j 03:07	0°♊36'12	0.63260 AU	
	-5275 Jun 29 j 17:44	30°℞♉		
inferior conj	-5275 Jul 01 j 20:21	27°♉51'07	-3°-52'-12	
minimum elong	-5275 Jul 01 j 23:14	27°♉43'49	3°51'34	
morning rise	-5275 Jul 08 j 11:53	22°♉35'37		
direct	-5275 Jul 11 j 02:44	22°♉02'28		
asc. node	-5275 Jul 17 j 05:22	25°♉00'26		
morning max el	-5275 Jul 17 j 16:14	25°♉26'33	17°58'13	
	-5275 Jul 21 j 11:33	0°♊		
morning set	-5275 Aug 03 j 11:44	21°♊29'17		
	-5275 Aug 08 j 09:00	0°♋		
superior conj	-5275 Aug 15 j 14:36	12°♋16'14	1°20'15	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5275 Aug 15 j 20:25	12°♋40'24	1°19'59
max. Earth dist.	-5275 Aug 21 j 19:49	22°♋27'00	1.43573 AU
	-5275 Aug 26 j 13:28	0°♌	
desc. node	-5275 Aug 29 j 13:37	4°♌43'00	
evening rise	-5275 Aug 31 j 09:29	7°♌33'30	
	-5275 Sep 15 j 06:22	0°♍	
greatest brilliancy	-5275 Sep 23 j 11:40	11°♍29'44	-0.5m
evening max el	-5275 Sep 29 j 07:00	18°♍23'05	20°49'51
retrograde	-5275 Oct 07 j 12:58	23°♍15'11	
evening set	-5275 Oct 11 j 09:38	21°♍50'08	
asc. node	-5275 Oct 13 j 04:18	20°♍14'21	
inferior conj	-5275 Oct 16 j 20:21	15°♍39'26	1°13'35
minimum elong	-5275 Oct 16 j 18:42	15°♍45'02	1°13'00
min. Earth dist.	-5275 Oct 17 j 09:30	14°♍54'43	0.66973 AU
morning rise	-5275 Oct 22 j 03:20	9°♍21'28	
direct	-5275 Oct 27 j 10:41	7°♍05'31	
morning max el	-5275 Nov 07 j 10:56	13°♍39'49	24°10'56
	-5275 Nov 20 j 17:08	0°♎	
desc. node	-5275 Nov 25 j 13:51	6°♎56'18	
	-5275 Dec 10 j 06:23	0°♏	
morning set	-5275 Dec 13 j 02:19	4°♏48'59	
max. Earth dist.	-5275 Dec 17 j 00:33	11°♏43'09	1.38277 AU
superior conj	-5275 Dec 24 j 02:32	24°♏49'50	-1°-49'-57
minimum elong	-5275 Dec 24 j 03:57	24°♏56'36	1°50'09
	-5275 Dec 26 j 18:52	0°♐	
evening rise	-5274 Jan 01 j 21:39	12°♐01'27	
asc. node	-5274 Jan 09 j 02:56	25°♐39'57	
	-5274 Jan 11 j 17:02	0°♑	
evening max el	-5274 Jan 18 j 12:02	8°♑46'33	18°57'49
retrograde	-5274 Jan 26 j 21:52	12°♑48'28	
evening set	-5274 Jan 29 j 08:12	12°♑29'41	
inferior conj	-5274 Feb 06 j 06:29	8°♑12'09	3°31'07
minimum elong	-5274 Feb 06 j 10:46	8°♑04'30	3°30'04
min. Earth dist.	-5274 Feb 09 j 10:27	5°♑57'51	0.57451 AU
morning rise	-5274 Feb 14 j 09:43	3°♑08'50	
direct	-5274 Feb 19 j 19:38	1°♑59'10	
desc. node	-5274 Feb 21 j 13:31	2°♑06'29	
morning max el	-5274 Mar 06 j 00:20	9°♑19'08	25°38'47
	-5274 Mar 21 j 13:49	0°♒	
morning set	-5274 Apr 02 j 11:11	22°♒31'19	
	-5274 Apr 05 j 23:15	0°♓	
asc. node	-5274 Apr 07 j 02:27	2°♓27'37	
superior conj	-5274 Apr 09 j 12:09	7°♓42'03	0°24'38
minimum elong	-5274 Apr 09 j 11:05	7°♓36'16	0°24'17
max. Earth dist.	-5274 Apr 10 j 07:16	9°♓26'11	1.32870 AU
evening rise	-5274 Apr 16 j 16:41	23°♓02'27	
	-5274 Apr 20 j 03:48	0°♈	
	-5274 May 08 j 05:01	0°♉	
evening max el	-5274 May 17 j 22:18	11°♉21'26	27°07'12
desc. node	-5274 May 20 j 11:54	13°♉38'53	
retrograde	-5274 May 31 j 21:22	18°♉44'31	
evening set	-5274 Jun 07 j 18:52	16°♉33'27	
min. Earth dist.	-5274 Jun 11 j 11:41	13°♉46'26	0.61388 AU
inferior conj	-5274 Jun 14 j 16:30	10°♉55'09	-4°-9'-18
minimum elong	-5274 Jun 14 j 17:34	10°♉52'45	4°09'06
morning rise	-5274 Jun 21 j 19:05	6°♉00'31	
direct	-5274 Jun 24 j 07:44	5°♉33'45	
morning max el	-5274 Jul 01 j 05:44	8°♉59'49	18°01'51
asc. node	-5274 Jul 04 j 02:22	12°♉14'11	
	-5274 Jul 14 j 23:12	0°♊	
morning set	-5274 Jul 17 j 07:24	4°♊16'58	
superior conj	-5274 Jul 27 j 19:36	23°♊13'26	1°41'35
minimum elong	-5274 Jul 27 j 23:01	23°♊28'20	1°41'42
	-5274 Jul 31 j 17:54	0°♋	
max. Earth dist.	-5274 Aug 04 j 05:52	5°♋52'37	1.42078 AU
evening rise	-5274 Aug 10 j 18:12	16°♋27'05	
desc. node	-5274 Aug 16 j 10:36	25°♋19'54	
	-5274 Aug 19 j 12:09	0°♌	
greatest brilliancy	-5274 Sep 07 j 07:32	26°♌23'04	-0.4m
	-5274 Sep 10 j 09:36	0°♍	
evening max el	-5274 Sep 12 j 02:06	1°♍47'31	22°04'04
retrograde	-5274 Sep 21 j 08:29	7°♍17'35	
evening set	-5274 Sep 25 j 17:45	5°♍33'26	
asc. node	-5274 Sep 30 j 01:26	0°♍41'36	
	-5274 Sep 30 j 13:38	30°℞♌	
inferior conj	-5274 Oct 01 j 02:15	29°♌16'28	0°21'05
minimum elong	-5274 Oct 01 j 01:46	29°♌18'09	0°21'02
min. Earth dist.	-5274 Oct 01 j 04:52	29°♌07'25	0.67312 AU
morning rise	-5274 Oct 06 j 09:36	22°♌59'03	
direct	-5274 Oct 11 j 01:50	21°♌04'20	
morning max el	-5274 Oct 20 j 21:42	26°♌56'18	22°44'54
	-5274 Oct 23 j 17:23	0°♍	
greatest brilliancy	-5274 Oct 25 j 16:20	2°♍19'08	-0.3m
desc. node	-5274 Nov 12 j 10:42	27°♍04'42	
	-5274 Nov 14 j 08:46	0°♎	
morning set	-5274 Nov 23 j 18:32	14°♎53'48	
max. Earth dist.	-5274 Nov 28 j 21:49	23°♎28'51	1.40335 AU
	-5274 Dec 02 j 16:11	0°♏	
superior conj	-5274 Dec 06 j 15:32	7°♏05'47	-1°-51'-30
minimum elong	-5274 Dec 06 j 14:25	7°♏00'46	1°51'38
evening rise	-5274 Dec 16 j 11:22	25°♏26'54	
	-5274 Dec 18 j 21:14	0°♐	
asc. node	-5274 Dec 27 j 00:02	14°♐11'40	
evening max el	-5273 Jan 01 j 16:25	21°♐26'44	18°23'09
retrograde	-5273 Jan 09 j 01:28	25°♐05'38	
evening set	-5273 Jan 11 j 13:44	24°♐41'26	
inferior conj	-5273 Jan 18 j 21:00	20°♐02'43	4°02'43
minimum elong	-5273 Jan 18 j 22:24	19°♐59'47	4°02'21
min. Earth dist.	-5273 Jan 22 j 05:18	17°♐17'32	0.59332 AU
morning rise	-5273 Jan 26 j 03:54	14°♐36'08	
direct	-5273 Feb 01 j 14:12	12°♐47'36	
desc. node	-5273 Feb 08 j 10:35	14°♐42'27	
morning max el	-5273 Feb 15 j 19:16	20°♐20'22	26°51'58
	-5273 Feb 24 j 03:18	0°♑	
	-5273 Mar 14 j 05:09	0°♒	
morning set	-5273 Mar 17 j 21:37	7°♒28'54	
superior conj	-5273 Mar 24 j 23:52	22°♒44'18	0°00'12
minimum elong	-5273 Mar 24 j 23:52	22°♒44'18	0°00'00
behind sun begin	-5273 Mar 24 j 21:04	22°♒29'01	
behind sun end	-5273 Mar 25 j 02:40	22°♒59'37	
asc. node	-5273 Mar 24 j 23:25	22°♒41'48	
max. Earth dist.	-5273 Mar 24 j 20:48	22°♒27'33	1.32632 AU
	-5273 Mar 28 j 07:46	0°♓	
evening rise	-5273 Apr 01 j 01:00	7°♓55'30	
	-5273 Apr 12 j 16:19	0°♈	
evening max el	-5273 Apr 29 j 22:42	23°♈07'35	26°16'46
desc. node	-5273 May 07 j 09:05	28°♈40'27	
	-5273 May 10 j 18:15	0°♉	
retrograde	-5273 May 14 j 00:52	0°♉26'24	
	-5273 May 17 j 06:28	30°℞♈	
evening set	-5273 May 20 j 05:19	28°♈50'47	
min. Earth dist.	-5273 May 24 j 11:32	26°♈08'06	0.59352 AU
inferior conj	-5273 May 27 j 20:43	23°♈30'54	-4°-4'-43
minimum elong	-5273 May 27 j 18:50	23°♈34'35	4°04'30
morning rise	-5273 Jun 04 j 12:07	18°♈58'26	
direct	-5273 Jun 06 j 23:24	18°♈36'55	
morning max el	-5273 Jun 14 j 15:26	22°♈16'57	18°24'58
asc. node	-5273 Jun 20 j 23:21	0°♉21'11	
	-5273 Jun 20 j 17:53	0°♉	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning set	-5273 Jun 30 j 17:26	17°♉48'18		
	-5273 Jul 07 j 03:12	0°♊		
superior conj	-5273 Jul 10 j 00:59	5°♊24'41	1°49'22	
minimum elong	-5273 Jul 10 j 01:32	5°♊27'14	1°49'38	
max. Earth dist.	-5273 Jul 17 j 10:00	18°♊34'43	1.40230 AU	
evening rise	-5273 Jul 22 j 00:40	26°♊23'25		
	-5273 Jul 24 j 05:20	0°♋		
desc. node	-5273 Aug 03 j 07:38	15°♋47'54		
	-5273 Aug 13 j 04:43	0°♌		
evening max el	-5273 Aug 25 j 15:50	15°♌12'20	23°24'22	
retrograde	-5273 Sep 05 j 01:23	21°♌21'42		
evening set	-5273 Sep 10 j 00:52	19°♌17'27		
inferior conj	-5273 Sep 15 j 08:46	12°♌57'32	0°-32'00	
minimum elong	-5273 Sep 15 j 09:30	12°♌55'02	0°31'28	
min. Earth dist.	-5273 Sep 15 j 01:09	13°♌23'41	0.67354 AU	
asc. node	-5273 Sep 16 j 22:34	10°♌49'56		
morning rise	-5273 Sep 20 j 18:13	6°♌43'47		
direct	-5273 Sep 24 j 20:41	5°♌09'52		
morning max el	-5273 Oct 03 j 13:36	10°♌19'10	21°22'54	
greatest brilliancy	-5273 Oct 08 j 20:59	16°♌28'48	-0.4m	
	-5273 Oct 18 j 16:15	0°♍		
desc. node	-5273 Oct 30 j 07:35	17°♍28'36		
morning set	-5273 Nov 03 j 07:41	23°♍43'07		
	-5273 Nov 07 j 06:30	0°♎		
max. Earth dist.	-5273 Nov 11 j 00:41	6°♎06'04	1.42240 AU	
superior conj	-5273 Nov 18 j 06:25	18°♎15'23	-1°-40'-26	
minimum elong	-5273 Nov 18 j 01:57	17°♎56'10	1°40'14	
	-5273 Nov 24 j 23:04	0°♏		
evening rise	-5273 Nov 29 j 12:29	8°♏13'11		
	-5273 Dec 12 j 09:07	0°♐		
asc. node	-5273 Dec 13 j 21:10	1°♐58'52		
evening max el	-5273 Dec 16 j 02:19	4°♐28'16	18°08'28	
retrograde	-5273 Dec 22 j 21:04	7°♐57'43		
evening set	-5273 Dec 25 j 11:32	7°♐27'06		
inferior conj	-5272 Jan 01 j 06:10	2°♐26'33	4°04'28	
minimum elong	-5272 Jan 01 j 04:54	2°♐29'32	4°04'08	
	-5272 Jan 03 j 19:41	30°℞♏		
min. Earth dist.	-5272 Jan 04 j 07:12	29°♏33'30	0.61308 AU	
morning rise	-5272 Jan 07 j 19:50	26°♏43'02		
direct	-5272 Jan 14 j 19:20	24°♏20'06		
desc. node	-5272 Jan 26 j 07:37	29°♏41'00		
	-5272 Jan 26 j 16:29	0°♐		
morning max el	-5272 Jan 28 j 20:31	2°♐00'03	27°33'30	
	-5272 Feb 18 j 08:44	0°♑		
morning set	-5272 Mar 01 j 04:26	22°♑13'22		
	-5272 Mar 04 j 21:27	0°♒		
max. Earth dist.	-5272 Mar 07 j 09:13	5°♒21'58	1.32730 AU	
superior conj	-5272 Mar 08 j 11:06	7°♒42'42	0°-24'-29	
minimum elong	-5272 Mar 08 j 12:11	7°♒48'36	0°24'31	
asc. node	-5272 Mar 10 j 20:24	12°♒55'00		
evening rise	-5272 Mar 15 j 11:51	22°♒53'29		
	-5272 Mar 18 j 22:58	0°♓		
	-5272 Apr 06 j 17:15	0°♈		
evening max el	-5272 Apr 10 j 17:19	4°♈15'26	24°59'57	
desc. node	-5272 Apr 23 j 06:17	11°♈17'59		
retrograde	-5272 Apr 24 j 18:14	11°♈23'15		
evening set	-5272 Apr 29 j 18:44	10°♈25'05		
min. Earth dist.	-5272 May 05 j 05:44	7°♈30'28	0.57426 AU	
inferior conj	-5272 May 08 j 05:48	5°♈29'24	-3°-29'00	
minimum elong	-5272 May 08 j 00:58	5°♈37'36	3°28'06	
morning rise	-5272 May 16 j 11:27	1°♈16'54		
direct	-5272 May 18 j 21:35	0°♈59'42		
morning max el	-5272 May 27 j 18:21	5°♈08'16	19°08'08	
asc. node	-5272 Jun 06 j 20:20	19°♈08'44		
	-5272 Jun 12 j 14:53	0°♉		
morning set	-5272 Jun 13 j 13:50	1°♉52'52		
superior conj	-5272 Jun 22 j 00:53	18°♉33'07	1°46'38	
minimum elong	-5272 Jun 21 j 23:24	18°♉25'55	1°46'46	
	-5272 Jun 28 j 03:05	0°♊		
max. Earth dist.	-5272 Jun 28 j 11:05	0°♊36'26	1.38298 AU	
evening rise	-5272 Jul 02 j 09:46	7°♊38'17		
	-5272 Jul 16 j 03:22	0°♋		
desc. node	-5272 Jul 20 j 04:43	6°♋01'23		
evening max el	-5272 Aug 07 j 02:41	28°♋39'26	24°44'16	
	-5272 Aug 08 j 12:22	0°♌		
retrograde	-5272 Aug 18 j 14:31	5°♌22'57		
evening set	-5272 Aug 24 j 05:05	2°♌59'32		
	-5272 Aug 27 j 00:45	30°℞♋		
min. Earth dist.	-5272 Aug 28 j 19:53	27°♋41'08	0.67091 AU	
inferior conj	-5272 Aug 29 j 14:08	26°♋40'12	-1°-24'-6	
minimum elong	-5272 Aug 29 j 16:02	26°♋33'52	1°23'05	
asc. node	-5272 Sep 02 j 19:43	21°♋37'57		
morning rise	-5272 Sep 04 j 03:20	20°♋33'18		
direct	-5272 Sep 07 j 18:02	19°♋17'54		
morning max el	-5272 Sep 15 j 12:19	23°♋49'28	20°10'50	
	-5272 Sep 20 j 17:06	0°♌		
greatest brilliancy	-5272 Sep 22 j 14:13	2°♌31'43	-0.6m	
	-5272 Oct 11 j 00:21	0°♍		
morning set	-5272 Oct 12 j 06:44	1°♍57'32		
desc. node	-5272 Oct 16 j 04:29	8°♍02'34		
max. Earth dist.	-5272 Oct 23 j 10:26	19°♍30'27	1.43723 AU	
superior conj	-5272 Oct 28 j 18:18	28°♍07'35	-1°-13'-44	
minimum elong	-5272 Oct 28 j 11:46	27°♍40'52	1°13'03	
	-5272 Oct 29 j 21:43	0°♎		
evening rise	-5272 Nov 10 j 20:33	20°♎10'36		
	-5272 Nov 16 j 13:30	0°♏		
evening max el	-5272 Nov 28 j 14:54	17°♏44'00	18°13'08	
asc. node	-5272 Nov 29 j 18:18	18°♏48'31		
retrograde	-5272 Dec 05 j 04:27	21°♏15'29		
evening set	-5272 Dec 07 j 22:08	20°♏37'02		
inferior conj	-5272 Dec 14 j 06:23	15°♏15'57	3°45'27	
minimum elong	-5272 Dec 14 j 03:35	15°♏23'29	3°44'48	
min. Earth dist.	-5272 Dec 16 j 18:21	12°♏35'42	0.63127 AU	
morning rise	-5272 Dec 20 j 07:17	9°♏20'02		
direct	-5272 Dec 27 j 08:48	6°♏36'03		
morning max el	-5271 Jan 10 j 02:57	14°♏18'11	27°39'04	
desc. node	-5271 Jan 12 j 04:40	16°♏26'05		
	-5271 Jan 22 j 22:28	0°♐		
	-5271 Feb 09 j 20:26	0°♑		
morning set	-5271 Feb 13 j 05:18	6°♑36'38		
max. Earth dist.	-5271 Feb 18 j 16:38	17°♑55'58	1.33197 AU	
superior conj	-5271 Feb 20 j 20:09	22°♑31'18	0°-48'-31	
minimum elong	-5271 Feb 20 j 22:12	22°♑42'22	0°48'27	
	-5271 Feb 24 j 07:21	0°♒		
asc. node	-5271 Feb 25 j 17:24	3°♒03'04		
evening rise	-5271 Feb 27 j 23:27	7°♒50'03		
	-5271 Mar 11 j 18:00	0°♓		
evening max el	-5271 Mar 23 j 09:43	15°♓02'40	23°28'14	
retrograde	-5271 Apr 05 j 22:51	21°♓44'35		
evening set	-5271 Apr 09 j 16:24	21°♓14'03		
desc. node	-5271 Apr 10 j 03:29	21°♓06'13		
min. Earth dist.	-5271 Apr 16 j 21:13	17°♓55'43	0.55958 AU	
inferior conj	-5271 Apr 18 j 19:10	16°♓47'11	-2°-14'-58	
minimum elong	-5271 Apr 18 j 14:00	16°♓54'55	2°13'35	
morning rise	-5271 Apr 27 j 14:55	12°♓47'20		
direct	-5271 Apr 30 j 01:26	12°♓32'30		
morning max el	-5271 May 10 j 11:51	17°♓24'19	20°11'27	
	-5271 May 20 j 00:50	0°♈		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5271 May 24 j 17:20	8°♈27'09	
morning set	-5271 May 28 j 17:33	16°♈23'04	
	-5271 Jun 04 j 09:37	0°♉	
superior conj	-5271 Jun 05 j 14:13	2°♉24'25	1°36'11
minimum elong	-5271 Jun 05 j 11:41	2°♉11'42	1°36'06
max. Earth dist.	-5271 Jun 10 j 15:43	12°♉22'13	1.36519 AU
evening rise	-5271 Jun 14 j 18:12	20°♉04'14	
	-5271 Jun 20 j 08:36	0°♊	
desc. node	-5271 Jul 07 j 01:48	25°♊53'44	
	-5271 Jul 10 j 02:50	0°♋	
evening max el	-5271 Jul 20 j 13:20	12°♋09'35	25°55'43
retrograde	-5271 Aug 01 j 23:05	19°♋16'48	
evening set	-5271 Aug 08 j 04:24	16°♋38'05	
min. Earth dist.	-5271 Aug 12 j 10:35	11°♋57'45	0.66503 AU
inferior conj	-5271 Aug 13 j 16:34	10°♋22'34	-2°-13'-29
minimum elong	-5271 Aug 13 j 19:26	10°♋13'27	2°12'11
morning rise	-5271 Aug 19 j 11:06	4°♋25'56	
asc. node	-5271 Aug 20 j 16:52	3°♋48'39	
direct	-5271 Aug 22 j 16:20	3°♋26'05	
morning max el	-5271 Aug 29 j 17:52	7°♋27'23	19°12'27
	-5271 Sep 14 j 18:37	0°♌	
morning set	-5271 Sep 21 j 14:35	10°♌42'45	
desc. node	-5271 Oct 03 j 01:22	28°♌42'46	
	-5271 Oct 03 j 20:58	0°♍	
max. Earth dist.	-5271 Oct 06 j 01:56	3°♍29'01	1.44596 AU
superior conj	-5271 Oct 08 j 04:33	6°♍49'19	0°-31'-52
minimum elong	-5271 Oct 08 j 00:35	6°♍33'37	0°31'14
	-5271 Oct 22 j 13:50	0°♎	
evening rise	-5271 Oct 23 j 06:41	1°♎09'05	
	-5271 Nov 11 j 02:26	0°♏	
evening max el	-5271 Nov 12 j 03:23	1°♏07'32	18°36'09
asc. node	-5271 Nov 16 j 15:29	4°♏25'11	
retrograde	-5271 Nov 18 j 19:33	4°♏50'54	
evening set	-5271 Nov 21 j 18:04	4°♏02'42	
	-5271 Nov 26 j 08:42	30°℞♎	
inferior conj	-5271 Nov 27 j 18:00	28°♎23'27	3°12'36
minimum elong	-5271 Nov 27 j 14:42	28°♎33'10	3°11'38
min. Earth dist.	-5271 Nov 29 j 15:23	26°♎09'40	0.64646 AU
morning rise	-5271 Dec 03 j 10:08	22°♎17'58	
direct	-5271 Dec 10 j 05:00	19°♎28'24	
morning max el	-5271 Dec 23 j 12:07	27°♎05'45	27°10'38
	-5271 Dec 26 j 06:34	0°♏	
desc. node	-5271 Dec 30 j 01:38	4°♏26'35	
	-5270 Jan 16 j 13:11	0°♐	
morning set	-5270 Jan 27 j 21:08	20°♐27'54	
max. Earth dist.	-5270 Feb 01 j 15:24	29°♐58'34	1.34081 AU
	-5270 Feb 01 j 15:41	0°♑	
superior conj	-5270 Feb 05 j 01:00	7°♑02'33	-1°-10'-54
minimum elong	-5270 Feb 05 j 03:45	7°♑17'01	1°10'48
evening rise	-5270 Feb 12 j 10:01	22°♑38'04	
asc. node	-5270 Feb 12 j 14:24	23°♑00'54	
	-5270 Feb 16 j 00:51	0°♒	
evening max el	-5270 Mar 05 j 05:25	25°♒53'20	21°55'15
	-5270 Mar 10 j 17:13	0°♓	
retrograde	-5270 Mar 17 j 15:40	1°♓52'37	
evening set	-5270 Mar 20 j 10:47	1°♓35'16	
	-5270 Mar 25 j 01:32	30°℞♒	
desc. node	-5270 Mar 28 j 00:41	28°♒28'39	
inferior conj	-5270 Mar 29 j 17:52	27°♒31'04	0°-28'-11
minimum elong	-5270 Mar 29 j 16:34	27°♒32'54	0°27'56
min. Earth dist.	-5270 Mar 29 j 11:26	27°♒40'08	0.55253 AU
morning rise	-5270 Apr 07 j 23:12	23°♒30'29	
direct	-5270 Apr 10 j 16:19	23°♒14'00	
morning max el	-5270 Apr 22 j 18:20	28°♒58'01	21°33'24
	-5270 Apr 23 j 19:43	0°♓	
asc. node	-5270 May 11 j 14:16	28°♓07'35	
	-5270 May 12 j 12:19	0°♈	
morning set	-5270 May 13 j 02:04	1°♈10'44	
superior conj	-5270 May 20 j 12:55	16°♈46'00	1°20'16
minimum elong	-5270 May 20 j 10:10	16°♈31'43	1°19'58
max. Earth dist.	-5270 May 24 j 05:04	24°♈17'51	1.35034 AU
	-5270 May 27 j 01:58	0°♉	
evening rise	-5270 May 28 j 20:20	3°♉24'45	
	-5270 Jun 13 j 05:23	0°♊	
desc. node	-5270 Jun 23 j 22:57	15°♊15'39	
evening max el	-5270 Jul 03 j 00:36	25°♊36'42	26°50'31
	-5270 Jul 08 j 06:12	0°♋	
retrograde	-5270 Jul 16 j 02:32	2°♋57'05	
evening set	-5270 Jul 22 j 20:28	0°♋10'09	
	-5270 Jul 23 j 01:17	30°℞♊	
min. Earth dist.	-5270 Jul 26 j 18:49	26°♊09'01	0.65547 AU
inferior conj	-5270 Jul 28 j 13:59	24°♊01'29	-2°-58'-9
minimum elong	-5270 Jul 28 j 17:25	23°♊51'17	2°56'53
morning rise	-5270 Aug 03 j 15:26	18°♊18'33	
direct	-5270 Aug 06 j 13:27	17°♊31'11	
asc. node	-5270 Aug 07 j 13:58	17°♊36'56	
morning max el	-5270 Aug 13 j 04:51	21°♊10'57	18°30'01
	-5270 Aug 20 j 00:26	0°♋	
morning set	-5270 Sep 01 j 22:52	20°♋40'22	
	-5270 Sep 07 j 17:03	0°♌	
superior conj	-5270 Sep 17 j 03:51	15°♌04'08	0°17'19
minimum elong	-5270 Sep 17 j 06:05	15°♌12'59	0°17'15
max. Earth dist.	-5270 Sep 18 j 20:12	17°♌43'29	1.44754 AU
desc. node	-5270 Sep 19 j 22:15	19°♌26'15	
	-5270 Sep 26 j 15:19	0°♍	
evening rise	-5270 Oct 03 j 15:38	11°♍02'29	
greatest brilliancy	-5270 Oct 15 j 16:34	29°♍53'00	-0.7m
	-5270 Oct 15 j 18:24	0°♎	
evening max el	-5270 Oct 26 j 13:09	14°♎34'16	19°16'13
retrograde	-5270 Nov 02 j 15:01	18°♎38'25	
asc. node	-5270 Nov 03 j 12:40	18°♎33'44	
evening set	-5270 Nov 05 j 20:22	17°♎38'03	
inferior conj	-5270 Nov 11 j 13:49	11°♎43'44	2°30'40
minimum elong	-5270 Nov 11 j 10:48	11°♎53'17	2°29'38
min. Earth dist.	-5270 Nov 12 j 21:28	10°♎03'11	0.65814 AU
morning rise	-5270 Nov 17 j 00:24	5°♎31'06	
direct	-5270 Nov 23 j 07:09	2°♎48'37	
morning max el	-5270 Dec 05 j 21:50	10°♎11'30	26°14'26
desc. node	-5270 Dec 16 j 22:34	23°♎20'11	
	-5270 Dec 21 j 16:47	0°♏	
	-5269 Jan 09 j 01:20	0°♐	
morning set	-5269 Jan 11 j 00:02	3°♐35'17	
max. Earth dist.	-5269 Jan 15 j 03:00	11°♐27'43	1.35408 AU
superior conj	-5269 Jan 19 j 23:20	21°♐09'11	-1°-30'-16
minimum elong	-5269 Jan 20 j 02:16	21°♐24'08	1°30'14
	-5269 Jan 24 j 06:17	0°♑	
evening rise	-5269 Jan 27 j 17:45	7°♑11'34	
asc. node	-5269 Jan 30 j 11:26	12°♑43'34	
	-5269 Feb 09 j 09:21	0°♒	
evening max el	-5269 Feb 15 j 09:29	7°♒09'41	20°32'30
retrograde	-5269 Feb 26 j 05:47	12°♒18'14	
evening set	-5269 Feb 28 j 15:30	12°♒04'06	
inferior conj	-5269 Mar 09 j 14:13	8°♒05'53	1°25'48
minimum elong	-5269 Mar 09 j 17:51	8°♒00'34	1°24'23
min. Earth dist.	-5269 Mar 11 j 01:23	7°♒14'32	0.55464 AU
desc. node	-5269 Mar 14 j 21:51	5°♒11'06	
morning rise	-5269 Mar 18 j 18:16	3°♒47'00	
direct	-5269 Mar 22 j 05:35	3°♒20'45	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning max el	-5269 Apr 04 j 14:59	9°♒54'06	23°08'43
	-5269 Apr 19 j 06:11	0°♓	
morning set	-5269 Apr 27 j 13:21	16°♓09'22	
asc. node	-5269 Apr 28 j 11:11	18°♓03'51	
	-5269 May 04 j 01:25	0°♈	
superior conj	-5269 May 04 j 18:00	1°♈28'29	1°00'33
minimum elong	-5269 May 04 j 15:38	1°♈15'50	1°00'07
max. Earth dist.	-5269 May 07 j 04:18	6°♈36'54	1.33908 AU
evening rise	-5269 May 12 j 11:15	17°♈25'22	
	-5269 May 19 j 02:44	0°♉	
	-5269 Jun 07 j 14:41	0°♊	
desc. node	-5269 Jun 10 j 20:07	3°♊53'53	
evening max el	-5269 Jun 15 j 11:27	8°♊49'29	27°21'08
retrograde	-5269 Jun 29 j 00:32	16°♊15'11	
evening set	-5269 Jul 06 j 02:20	13°♊31'05	
min. Earth dist.	-5269 Jul 09 j 18:32	10°♊06'21	0.64200 AU
inferior conj	-5269 Jul 12 j 03:56	7°♊31'49	-3°-35'-31
minimum elong	-5269 Jul 12 j 07:17	7°♊22'44	3°34'35
morning rise	-5269 Jul 18 j 13:53	2°♊05'47	
direct	-5269 Jul 21 j 06:48	1°♊28'11	
asc. node	-5269 Jul 25 j 11:00	2°♊56'34	
morning max el	-5269 Jul 27 j 18:55	4°♊55'16	18°04'44
	-5269 Aug 13 j 07:09	0°♋	
morning set	-5269 Aug 14 j 09:44	1°♋53'21	
superior conj	-5269 Aug 27 j 15:03	23°♋56'49	1°01'04
minimum elong	-5269 Aug 27 j 20:58	24°♋20'47	1°00'41
	-5269 Aug 31 j 09:12	0°♌	
max. Earth dist.	-5269 Sep 01 j 13:09	1°♌51'37	1.44189 AU
desc. node	-5269 Sep 06 j 19:10	10°♌09'36	
evening rise	-5269 Sep 13 j 02:23	19°♌58'18	
	-5269 Sep 19 j 14:59	0°♍	
greatest brilliancy	-5269 Oct 02 j 20:16	19°♍29'51	-0.6m
evening max el	-5269 Oct 09 j 18:00	28°♍00'28	20°11'45
	-5269 Oct 11 j 21:04	0°♎	
retrograde	-5269 Oct 17 j 12:09	2°♎33'30	
evening set	-5269 Oct 21 j 02:31	1°♎18'17	
asc. node	-5269 Oct 21 j 09:51	1°♎04'56	
	-5269 Oct 22 j 15:48	30°℞♍	
inferior conj	-5269 Oct 26 j 15:12	25°♍12'22	1°42'50
minimum elong	-5269 Oct 26 j 12:58	25°♍19'50	1°42'01
min. Earth dist.	-5269 Oct 27 j 10:42	24°♍07'11	0.66641 AU
morning rise	-5269 Oct 31 j 22:51	18°♍55'18	
direct	-5269 Nov 06 j 14:53	16°♍28'18	
morning max el	-5269 Nov 18 j 06:51	23°♍24'18	24°59'04
	-5269 Nov 24 j 04:02	0°♎	
desc. node	-5269 Dec 03 j 19:27	12°♎50'46	
	-5269 Dec 15 j 01:55	0°♏	
morning set	-5269 Dec 24 j 08:45	15°♏43'31	
max. Earth dist.	-5269 Dec 28 j 03:53	22°♏36'26	1.37142 AU
	-5268 Jan 01 j 02:00	0°♐	
superior conj	-5268 Jan 03 j 12:05	4°♐41'48	-1°-44'-46
minimum elong	-5268 Jan 03 j 14:22	4°♐53'02	1°44'53
evening rise	-5268 Jan 11 j 20:32	21°♐23'50	
	-5268 Jan 16 j 05:51	0°♑	
asc. node	-5268 Jan 17 j 08:30	2°♑04'57	
evening max el	-5268 Jan 28 j 23:59	19°♑01'24	19°26'47
retrograde	-5268 Feb 07 j 05:22	23°♑24'03	
evening set	-5268 Feb 09 j 14:22	23°♑07'56	
inferior conj	-5268 Feb 17 j 21:59	19°♑00'31	2°56'12
minimum elong	-5268 Feb 18 j 03:09	18°♑52'02	2°54'40
min. Earth dist.	-5268 Feb 20 j 16:03	17°♑12'44	0.56531 AU
morning rise	-5268 Feb 26 j 12:21	14°♑12'44	
desc. node	-5268 Feb 29 j 18:57	13°♑27'26	
direct	-5268 Mar 02 j 04:32	13°♑22'53	
morning max el	-5268 Mar 16 j 06:22	20°♑31'32	24°46'50
	-5268 Mar 24 j 08:38	0°♒	
	-5268 Apr 10 j 11:42	0°♓	
morning set	-5268 Apr 11 j 01:40	1°♓12'59	
asc. node	-5268 Apr 14 j 08:06	8°♓11'00	
superior conj	-5268 Apr 18 j 03:09	16°♓24'30	0°38'15
minimum elong	-5268 Apr 18 j 01:32	16°♓15'46	0°37'50
max. Earth dist.	-5268 Apr 19 j 11:37	19°♓19'57	1.33141 AU
	-5268 Apr 24 j 12:48	0°♈	
evening rise	-5268 Apr 25 j 11:10	1°♈54'28	
	-5268 May 11 j 00:43	0°♉	
desc. node	-5268 May 27 j 17:18	21°♉30'07	
evening max el	-5268 May 27 j 20:02	21°♉36'43	27°21'46
retrograde	-5268 Jun 10 j 16:35	29°♉02'29	
evening set	-5268 Jun 17 j 18:27	26°♉35'13	
min. Earth dist.	-5268 Jun 21 j 08:43	23°♉38'19	0.62488 AU
inferior conj	-5268 Jun 24 j 07:34	20°♉48'02	-4°-1'-38
minimum elong	-5268 Jun 24 j 09:50	20°♉42'34	4°01'12
morning rise	-5268 Jul 01 j 03:37	15°♉41'28	
direct	-5268 Jul 03 j 17:16	15°♉11'21	
morning max el	-5268 Jul 10 j 09:30	18°♉35'08	17°57'31
asc. node	-5268 Jul 11 j 08:00	19°♉33'32	
	-5268 Jul 18 j 16:28	0°♊	
morning set	-5268 Jul 26 j 19:01	14°♊10'40	
	-5268 Aug 04 j 18:26	0°♋	
superior conj	-5268 Aug 07 j 04:15	4°♋07'17	1°31'07
minimum elong	-5268 Aug 07 j 09:15	4°♋28'31	1°31'00
max. Earth dist.	-5268 Aug 14 j 01:48	15°♋35'32	1.42989 AU
evening rise	-5268 Aug 22 j 05:45	28°♋36'15	
	-5268 Aug 23 j 03:15	0°♌	
desc. node	-5268 Aug 23 j 16:09	0°♌50'06	
	-5268 Sep 12 j 09:57	0°♍	
greatest brilliancy	-5268 Sep 16 j 10:58	5°♍21'07	-0.4m
evening max el	-5268 Sep 21 j 16:43	11°♍25'47	21°20'15
retrograde	-5268 Sep 30 j 08:48	16°♍34'03	
evening set	-5268 Oct 04 j 10:28	15°♍01'17	
asc. node	-5268 Oct 07 j 07:01	12°♍08'35	
inferior conj	-5268 Oct 09 j 20:03	8°♍47'23	0°51'30
minimum elong	-5268 Oct 09 j 18:53	8°♍51'25	0°51'09
min. Earth dist.	-5268 Oct 10 j 04:40	8°♍17'46	0.67154 AU
morning rise	-5268 Oct 15 j 02:56	2°♍28'58	
direct	-5268 Oct 20 j 03:43	0°♍21'52	
morning max el	-5268 Oct 30 j 16:09	6°♍39'19	23°34'11
	-5268 Nov 17 j 18:46	0°♎	
desc. node	-5268 Nov 19 j 16:19	2°♎47'52	
morning set	-5268 Dec 04 j 17:14	26°♎36'57	
	-5268 Dec 06 j 16:59	0°♏	
max. Earth dist.	-5268 Dec 08 j 23:43	3°♏57'16	1.39153 AU
superior conj	-5268 Dec 16 j 11:14	17°♏29'57	-1°-51'-55
minimum elong	-5268 Dec 16 j 11:44	17°♏32'17	1°52'08
	-5268 Dec 23 j 00:20	0°♐	
evening rise	-5268 Dec 25 j 15:54	5°♐08'29	
asc. node	-5267 Jan 03 j 05:36	20°♐57'36	
	-5267 Jan 09 j 14:46	0°♑	
evening max el	-5267 Jan 11 j 00:06	1°♑26'38	18°40'37
retrograde	-5267 Jan 18 j 22:04	5°♑16'44	
evening set	-5267 Jan 21 j 09:10	4°♑55'51	
inferior conj	-5267 Jan 29 j 00:51	0°♑30'03	3°48'46
minimum elong	-5267 Jan 29 j 04:01	0°♑24'03	3°48'04
	-5267 Jan 29 j 16:36	30°℞♐	
min. Earth dist.	-5267 Feb 01 j 08:43	27°♐59'30	0.58219 AU
morning rise	-5267 Feb 05 j 19:15	25°♐15'47	
direct	-5267 Feb 11 j 16:52	23°♐49'27	
desc. node	-5267 Feb 15 j 16:03	24°♐27'51	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5267 Feb 24 j 13:28	0°♉	
morning max el	-5267 Feb 25 j 22:27	1°♉16'44	26°13'11
	-5267 Mar 18 j 06:35	0°♒	
morning set	-5267 Mar 26 j 13:16	16°♒14'34	
asc. node	-5267 Apr 01 j 05:02	28°♒23'55	
	-5267 Apr 01 j 22:37	0°♓	
superior conj	-5267 Apr 02 j 14:26	1°♓26'24	0°14'22
minimum elong	-5267 Apr 02 j 13:48	1°♓22'59	0°14'04
behind sun begin	-5267 Apr 02 j 11:32	1°♓10'36	
behind sun end	-5267 Apr 02 j 16:04	1°♓35'22	
max. Earth dist.	-5267 Apr 02 j 23:52	2°♓17'58	1.32721 AU
evening rise	-5267 Apr 09 j 17:05	16°♓41'23	
	-5267 Apr 16 j 11:10	0°♈	
	-5267 May 06 j 08:58	0°♉	
evening max el	-5267 May 10 j 00:04	3°♉47'13	26°49'38
desc. node	-5267 May 14 j 14:30	7°♉37'36	
retrograde	-5267 May 24 j 01:13	11°♉09'18	
evening set	-5267 May 30 j 16:41	9°♉12'36	
min. Earth dist.	-5267 Jun 03 j 13:35	6°♉29'15	0.60520 AU
inferior conj	-5267 Jun 06 j 21:23	3°♉41'12	-4°-10'-37
minimum elong	-5267 Jun 06 j 21:19	3°♉41'22	4°10'29
	-5267 Jun 11 j 20:19	30°℞♈	
morning rise	-5267 Jun 14 j 05:12	28°♈55'52	
direct	-5267 Jun 16 j 17:04	28°♈31'33	
	-5267 Jun 21 j 08:29	0°♉	
morning max el	-5267 Jun 23 j 21:43	2°♉02'25	18°09'15
asc. node	-5267 Jun 28 j 04:59	7°♉11'24	
morning set	-5267 Jul 09 j 21:21	27°♉18'01	
	-5267 Jul 11 j 08:02	0°♊	
superior conj	-5267 Jul 19 j 20:14	15°♊37'15	1°46'23
minimum elong	-5267 Jul 19 j 22:22	15°♊46'50	1°46'34
max. Earth dist.	-5267 Jul 27 j 08:50	28°♊41'32	1.41319 AU
	-5267 Jul 28 j 03:30	0°♋	
evening rise	-5267 Aug 01 j 22:18	7°♋52'18	
desc. node	-5267 Aug 10 j 13:10	21°♋23'39	
	-5267 Aug 16 j 07:25	0°♌	
greatest brilliancy	-5267 Aug 30 j 14:34	19°♌28'37	-0.3m
evening max el	-5267 Sep 04 j 09:26	24°♌50'32	22°37'54
	-5267 Sep 11 j 06:08	0°♍	
retrograde	-5267 Sep 14 j 03:20	0°♍37'25	
	-5267 Sep 16 j 20:08	30°℞♌	
evening set	-5267 Sep 18 j 18:24	28°♌45'01	
inferior conj	-5267 Sep 24 j 02:28	22°♌26'33	0°-1'-25
minimum elong	-5267 Sep 24 j 02:30	22°♌26'28	0°01'13
transit middle	-5267 Sep 24 j 02:30	22°♌26'28	0°01'13
transit begin	-5267 Sep 23 j 23:48	22°♌35'45	
transit end	-5267 Sep 24 j 05:11	22°♌17'10	
min. Earth dist.	-5267 Sep 24 j 00:50	22°♌32'13	0.67366 AU
asc. node	-5267 Sep 24 j 04:10	22°♌20'42	
morning rise	-5267 Sep 29 j 10:29	16°♌10'10	
direct	-5267 Oct 03 j 20:45	14°♌24'12	
morning max el	-5267 Oct 13 j 04:38	19°♌57'43	22°09'05
greatest brilliancy	-5267 Oct 17 j 23:51	25°♌25'05	-0.4m
	-5267 Oct 21 j 13:30	0°♍	
desc. node	-5267 Nov 06 j 13:13	23°♍03'51	
	-5267 Nov 11 j 00:46	0°♎	
morning set	-5267 Nov 14 j 21:23	6°♎07'40	
max. Earth dist.	-5267 Nov 20 j 22:42	16°♎03'37	1.41183 AU
superior conj	-5267 Nov 28 j 15:42	29°♎20'32	-1°-48'-34
minimum elong	-5267 Nov 28 j 13:11	29°♎09'25	1°48'36
	-5267 Nov 29 j 00:35	0°♏	
evening rise	-5267 Dec 09 j 00:48	18°♏18'48	
	-5267 Dec 15 j 10:06	0°♐	
asc. node	-5267 Dec 21 j 02:44	9°♐12'25	
evening max el	-5267 Dec 25 j 07:20	14°♐18'05	18°14'31
retrograde	-5266 Jan 01 j 08:52	17°♐50'58	
evening set	-5266 Jan 03 j 22:09	17°♐24'03	
inferior conj	-5266 Jan 10 j 23:44	12°♐36'04	4°06'29
minimum elong	-5266 Jan 10 j 23:55	12°♐35'41	4°06'13
min. Earth dist.	-5266 Jan 14 j 06:06	9°♐44'47	0.60184 AU
morning rise	-5266 Jan 17 j 22:51	7°♐01'58	
direct	-5266 Jan 24 j 16:30	4°♐57'26	
desc. node	-5266 Feb 02 j 13:07	8°♐09'27	
morning max el	-5266 Feb 07 j 19:49	12°♐33'12	27°13'51
	-5266 Feb 21 j 15:44	0°♉	
	-5266 Mar 10 j 09:20	0°♒	
morning set	-5266 Mar 10 j 22:26	1°♒07'37	
max. Earth dist.	-5266 Mar 17 j 13:26	15°♒18'29	1.32636 AU
superior conj	-5266 Mar 18 j 02:10	16°♒28'05	0°-10'-16
minimum elong	-5266 Mar 18 j 02:38	16°♒30'37	0°10'25
behind sun begin	-5266 Mar 17 j 22:51	16°♒09'52	
behind sun end	-5266 Mar 18 j 06:26	16°♒51'22	
asc. node	-5266 Mar 19 j 02:01	18°♒38'29	
	-5266 Mar 24 j 08:10	0°♓	
evening rise	-5266 Mar 25 j 02:46	1°♓37'57	
	-5266 Apr 09 j 16:20	0°♈	
evening max el	-5266 Apr 21 j 22:04	15°♈16'39	25°46'48
desc. node	-5266 May 01 j 11:40	21°♈42'22	
retrograde	-5266 May 06 j 00:23	22°♈31'09	
evening set	-5266 May 11 j 17:58	21°♈12'13	
min. Earth dist.	-5266 May 16 j 10:43	18°♈26'05	0.58504 AU
inferior conj	-5266 May 19 j 17:48	16°♈02'07	-3°-53'-58
minimum elong	-5266 May 19 j 14:31	16°♈08'08	3°53'31
morning rise	-5266 May 27 j 15:04	11°♈38'14	
direct	-5266 May 30 j 01:56	11°♈18'35	
morning max el	-5266 Jun 07 j 04:46	15°♈08'59	18°40'47
asc. node	-5266 Jun 15 j 01:59	25°♈36'41	
	-5266 Jun 17 j 15:02	0°♉	
morning set	-5266 Jun 23 j 12:12	11°♉04'20	
superior conj	-5266 Jul 02 j 10:06	28°♉13'58	1°49'19
minimum elong	-5266 Jul 02 j 09:40	28°♉11'54	1°49'33
	-5266 Jul 03 j 08:45	0°♊	
max. Earth dist.	-5266 Jul 09 j 11:23	11°♊05'42	1.39409 AU
evening rise	-5266 Jul 13 j 16:06	18°♊21'28	
	-5266 Jul 20 j 18:19	0°♋	
desc. node	-5266 Jul 28 j 10:13	11°♋45'52	
	-5266 Aug 10 j 15:36	0°♌	
evening max el	-5266 Aug 17 j 21:44	8°♌16'14	23°58'57
retrograde	-5266 Aug 28 j 18:33	14°♌40'23	
evening set	-5266 Sep 03 j 00:29	12°♌27'45	
inferior conj	-5266 Sep 08 j 08:42	6°♌07'59	0°-54'-19
minimum elong	-5266 Sep 08 j 09:56	6°♌03'46	0°53'34
min. Earth dist.	-5266 Sep 07 j 20:40	6°♌48'50	0.67282 AU
asc. node	-5266 Sep 11 j 01:19	2°♌38'34	
morning rise	-5266 Sep 13 j 19:32	29°♋56'52	
	-5266 Sep 13 j 17:52	30°℞♋	
direct	-5266 Sep 17 j 16:50	28°♋31'02	
	-5266 Sep 21 j 23:51	0°♌	
morning max el	-5266 Sep 25 j 23:14	3°♌22'54	20°50'49
greatest brilliancy	-5266 Oct 01 j 21:11	10°♌23'48	-0.5m
	-5266 Oct 15 j 13:35	0°♍	
desc. node	-5266 Oct 24 j 10:06	13°♍32'23	
morning set	-5266 Oct 25 j 02:04	14°♍34'30	
max. Earth dist.	-5266 Nov 03 j 05:06	29°♍04'14	1.42938 AU
	-5266 Nov 03 j 18:50	0°♎	
superior conj	-5266 Nov 09 j 19:33	9°♎58'08	-1°-31'-9
minimum elong	-5266 Nov 09 j 13:50	9°♎34'07	1°30'42
	-5266 Nov 21 j 08:58	0°♏	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening rise	-5266 Nov 21 j 19:15	0°♏45'38	
asc. node	-5266 Dec 07 j 23:54	26°♏37'01	
evening max el	-5266 Dec 08 j 18:45	27°♏26'33	18°08'05
	-5266 Dec 12 j 01:15	0°♐	
retrograde	-5266 Dec 15 j 10:08	0°♐55'32	
evening set	-5266 Dec 18 j 01:54	0°♐21'38	
	-5266 Dec 18 j 20:12	30°℞♏	
inferior conj	-5266 Dec 24 j 15:48	25°♏11'47	3°58'26
minimum elong	-5266 Dec 24 j 13:45	25°♏16'57	3°58'01
min. Earth dist.	-5266 Dec 27 j 11:32	22°♏22'24	0.62116 AU
morning rise	-5266 Dec 30 j 23:32	19°♏22'41	
direct	-5265 Jan 07 j 01:04	16°♏49'19	
desc. node	-5265 Jan 20 j 10:10	23°♏57'35	
morning max el	-5265 Jan 20 j 23:33	24°♏29'54	27°40'17
	-5265 Jan 26 j 00:54	0°♐	
	-5265 Feb 14 j 22:23	0°♑	
morning set	-5265 Feb 23 j 03:01	15°♑43'56	
max. Earth dist.	-5265 Mar 01 j 00:25	28°♑06'40	1.32891 AU
	-5265 Mar 01 j 21:25	0°♒	
superior conj	-5265 Mar 02 j 12:41	1°♒22'43	0°-34'-49
minimum elong	-5265 Mar 02 j 14:12	1°♒30'58	0°34'47
asc. node	-5265 Mar 05 j 23:02	8°♒49'52	
evening rise	-5265 Mar 09 j 14:10	16°♒36'05	
	-5265 Mar 16 j 07:20	0°♓	
evening max el	-5265 Apr 03 j 15:04	26°♓12'15	24°21'47
	-5265 Apr 08 j 06:38	0°♈	
retrograde	-5265 Apr 17 j 12:07	3°♈10'51	
desc. node	-5265 Apr 18 j 08:51	3°♈09'08	
evening set	-5265 Apr 21 j 23:29	2°♈25'56	
	-5265 Apr 27 j 02:30	30°℞♓	
min. Earth dist.	-5265 Apr 28 j 03:03	29°♓22'49	0.56732 AU
inferior conj	-5265 Apr 30 j 18:14	27°♓42'39	-3°-2'-21
minimum elong	-5265 Apr 30 j 12:46	27°♓51'23	3°01'07
morning rise	-5265 May 09 j 06:07	23°♓37'01	
direct	-5265 May 11 j 16:17	23°♓21'02	
morning max el	-5265 May 21 j 03:54	27°♓45'47	19°32'42
	-5265 May 23 j 07:48	0°♈	
asc. node	-5265 Jun 01 j 22:58	14°♈38'10	
morning set	-5265 Jun 07 j 12:02	25°♈20'42	
	-5265 Jun 09 j 19:41	0°♉	
superior conj	-5265 Jun 15 j 16:17	11°♉42'14	1°42'59
minimum elong	-5265 Jun 15 j 14:14	11°♉32'10	1°43'03
max. Earth dist.	-5265 Jun 21 j 13:29	22°♉58'27	1.37509 AU
evening rise	-5265 Jun 25 j 11:43	0°♊07'43	
	-5265 Jun 25 j 09:59	0°♊	
	-5265 Jul 14 j 00:18	0°♋	
desc. node	-5265 Jul 15 j 07:17	1°♋51'15	
evening max el	-5265 Jul 31 j 08:11	21°♋44'33	25°16'11
retrograde	-5265 Aug 12 j 05:46	28°♋39'23	
evening set	-5265 Aug 18 j 02:53	26°♋08'30	
min. Earth dist.	-5265 Aug 22 j 13:51	21°♋06'21	0.66882 AU
inferior conj	-5265 Aug 23 j 13:00	19°♋50'31	-1°-45'-29
minimum elong	-5265 Aug 23 j 15:21	19°♋42'50	1°44'19
asc. node	-5265 Aug 28 j 22:26	13°♋57'58	
morning rise	-5265 Aug 29 j 04:18	13°♋47'53	
direct	-5265 Sep 01 j 14:42	12°♋39'34	
morning max el	-5265 Sep 09 j 01:04	16°♋57'01	19°44'17
greatest brilliancy	-5265 Sep 17 j 06:59	27°♋24'58	-0.6m
	-5265 Sep 19 j 01:50	0°♌	
morning set	-5265 Oct 04 j 02:10	22°♌54'52	
	-5265 Oct 08 j 15:18	0°♍	
desc. node	-5265 Oct 11 j 07:00	4°♍09'29	
max. Earth dist.	-5265 Oct 16 j 18:02	12°♍46'51	1.44175 AU
superior conj	-5265 Oct 20 j 19:39	19°♍17'12	0°-57'-34
minimum elong	-5265 Oct 20 j 13:31	18°♍52'32	0°56'48
	-5265 Oct 27 j 09:30	0°♎	
evening rise	-5265 Nov 03 j 18:38	12°♎19'33	
	-5265 Nov 14 j 09:22	0°♏	
evening max el	-5265 Nov 22 j 07:33	10°♏45'46	18°20'39
asc. node	-5265 Nov 24 j 21:04	12°♏57'27	
retrograde	-5265 Nov 28 j 21:25	14°♏21'30	
evening set	-5265 Dec 01 j 16:52	13°♏39'14	
inferior conj	-5265 Dec 07 j 21:19	8°♏09'50	3°32'54
minimum elong	-5265 Dec 07 j 18:11	8°♏18'36	3°32'06
min. Earth dist.	-5265 Dec 10 j 02:59	5°♏39'40	0.63813 AU
morning rise	-5265 Dec 13 j 18:01	2°♏09'15	
	-5265 Dec 17 j 08:11	30°℞♎	
direct	-5265 Dec 20 j 17:23	29°♎21'20	
	-5265 Dec 24 j 07:08	0°♏	
morning max el	-5264 Jan 03 j 07:45	7°♏02'45	27°30'51
desc. node	-5264 Jan 07 j 07:11	11°♏17'52	
	-5264 Jan 21 j 01:18	0°♐	
morning set	-5264 Feb 07 j 00:29	29°♐54'55	
	-5264 Feb 07 j 01:30	0°♑	
max. Earth dist.	-5264 Feb 12 j 04:44	10°♑28'47	1.33525 AU
superior conj	-5264 Feb 14 j 20:11	16°♑04'22	0°-58'-19
minimum elong	-5264 Feb 14 j 22:35	16°♑17'10	0°58'12
asc. node	-5264 Feb 20 j 20:02	28°♑53'53	
	-5264 Feb 21 j 08:33	0°♒	
evening rise	-5264 Feb 22 j 01:33	1°♒29'26	
	-5264 Mar 09 j 06:12	0°♓	
evening max el	-5264 Mar 15 j 07:52	6°♓56'37	22°47'52
retrograde	-5264 Mar 28 j 11:37	13°♓22'58	
evening set	-5264 Mar 31 j 17:58	12°♓59'35	
desc. node	-5264 Apr 04 j 06:04	11°♓47'36	
min. Earth dist.	-5264 Apr 08 j 17:46	9°♓27'17	0.55549 AU
inferior conj	-5264 Apr 10 j 00:11	8°♓43'25	-1°-32'-32
minimum elong	-5264 Apr 09 j 20:13	8°♓49'09	1°31'24
morning rise	-5264 Apr 19 j 01:01	4°♓45'36	
direct	-5264 Apr 21 j 12:59	4°♓30'54	
morning max el	-5264 May 02 j 16:51	9°♓44'14	20°44'22
	-5264 May 16 j 16:47	0°♈	
asc. node	-5264 May 18 j 19:54	4°♈06'26	
morning set	-5264 May 21 j 18:02	9°♈58'48	
superior conj	-5264 May 29 j 10:01	25°♈47'43	1°29'59
minimum elong	-5264 May 29 j 07:19	25°♈33'53	1°29'49
	-5264 May 31 j 11:51	0°♉	
max. Earth dist.	-5264 Jun 02 j 21:04	4°♉44'04	1.35837 AU
evening rise	-5264 Jun 07 j 04:18	12°♉58'25	
	-5264 Jun 16 j 20:29	0°♊	
desc. node	-5264 Jul 01 j 04:22	21°♊31'53	
	-5264 Jul 07 j 22:03	0°♋	
evening max el	-5264 Jul 12 j 18:47	5°♋13'10	26°21'33
retrograde	-5264 Jul 25 j 12:19	12°♋28'07	
evening set	-5264 Jul 31 j 23:25	9°♋44'31	
min. Earth dist.	-5264 Aug 05 j 02:01	5°♋21'01	0.66137 AU
inferior conj	-5264 Aug 06 j 13:31	3°♋31'21	-2°-33'-10
minimum elong	-5264 Aug 06 j 16:42	3°♋21'32	2°31'51
	-5264 Aug 09 j 14:31	30°℞♊	
morning rise	-5264 Aug 12 j 10:50	27°♊40'18	
asc. node	-5264 Aug 14 j 19:32	26°♊49'12	
direct	-5264 Aug 15 j 12:36	26°♊46'19	
	-5264 Aug 21 j 17:56	0°♋	
morning max el	-5264 Aug 22 j 09:12	0°♋37'42	18°52'24
	-5264 Sep 11 j 11:15	0°♌	
morning set	-5264 Sep 12 j 19:13	2°♌07'18	
desc. node	-5264 Sep 27 j 03:52	24°♌51'07	
superior conj	-5264 Sep 28 j 22:32	27°♌39'21	0°-11'-9

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5264 Sep 28 j 21:06	27°♌33'40	0°10'48
behind sun begin	-5264 Sep 28 j 12:25	26°♌59'27	
behind sun end	-5264 Sep 29 j 05:46	28°♌07'54	
max. Earth dist.	-5264 Sep 28 j 10:32	26°♌52'03	1.44746 AU
	-5264 Sep 30 j 10:11	0°♍	
evening rise	-5264 Oct 14 j 18:08	22°♍49'49	
	-5264 Oct 19 j 04:51	0°♎	
evening max el	-5264 Nov 04 j 19:05	24°♎10'24	18°51'13
asc. node	-5264 Nov 10 j 18:13	27°♎57'49	
retrograde	-5264 Nov 11 j 14:44	28°♎01'56	
evening set	-5264 Nov 14 j 15:48	27°♎09'03	
inferior conj	-5264 Nov 20 j 12:45	21°♎23'07	2°55'44
minimum elong	-5264 Nov 20 j 09:31	21°♎33'02	2°54'42
min. Earth dist.	-5264 Nov 22 j 04:14	19°♎22'38	0.65181 AU
morning rise	-5264 Nov 26 j 02:09	15°♎14'02	
direct	-5264 Dec 02 j 16:18	12°♎25'54	
morning max el	-5264 Dec 15 j 17:27	19°♎59'29	26°49'39
desc. node	-5264 Dec 24 j 04:10	29°♎43'10	
	-5264 Dec 24 j 09:23	0°♏	
	-5263 Jan 13 j 02:04	0°♐	
morning set	-5263 Jan 20 j 11:26	13°♐29'45	
max. Earth dist.	-5263 Jan 24 j 22:47	22°♐16'08	1.34584 AU
superior conj	-5263 Jan 28 j 22:37	0°♑26'28	-1°-19'-36
minimum elong	-5263 Jan 29 j 01:32	0°♑41'35	1°19'30
	-5263 Jan 28 j 17:31	0°♑	
evening rise	-5263 Feb 05 j 11:09	16°♑12'09	
asc. node	-5263 Feb 06 j 17:03	18°♑46'06	
	-5263 Feb 12 j 11:50	0°♒	
evening max el	-5263 Feb 25 j 06:48	17°♒57'16	21°18'21
retrograde	-5263 Mar 09 j 02:08	23°♒35'16	
evening set	-5263 Mar 11 j 15:26	23°♒20'21	
inferior conj	-5263 Mar 20 j 20:18	19°♒21'02	0°21'13
minimum elong	-5263 Mar 20 j 21:16	19°♒19'40	0°20'40
min. Earth dist.	-5263 Mar 21 j 08:16	19°♒04'05	0.55225 AU
desc. node	-5263 Mar 22 j 03:15	18°♒37'21	
morning rise	-5263 Mar 30 j 02:37	15°♒14'12	
direct	-5263 Apr 02 j 01:41	14°♒54'56	
morning max el	-5263 Apr 14 j 19:00	21°♒01'53	22°12'44
	-5263 Apr 22 j 07:55	0°♓	
asc. node	-5263 May 05 j 16:50	23°♓54'33	
morning set	-5263 May 06 j 03:58	24°♓52'10	
	-5263 May 08 j 14:41	0°♈	
superior conj	-5263 May 13 j 11:49	10°♈19'46	1°12'18
minimum elong	-5263 May 13 j 09:10	10°♈05'51	1°11'56
max. Earth dist.	-5263 May 16 j 14:29	16°♈48'13	1.34511 AU
evening rise	-5263 May 21 j 12:29	26°♈38'24	
	-5263 May 23 j 06:27	0°♉	
	-5263 Jun 10 j 04:22	0°♊	
desc. node	-5263 Jun 18 j 01:30	10°♊37'11	
evening max el	-5263 Jun 25 j 06:07	18°♊35'51	27°06'55
retrograde	-5263 Jul 08 j 13:43	25°♊59'44	
evening set	-5263 Jul 15 j 11:32	23°♊12'37	
min. Earth dist.	-5263 Jul 19 j 06:59	19°♊27'19	0.65019 AU
inferior conj	-5263 Jul 21 j 08:05	17°♊07'20	-3°-15'-8
minimum elong	-5263 Jul 21 j 11:36	16°♊57'18	3°13'58
morning rise	-5263 Jul 27 j 12:58	11°♊31'01	
direct	-5263 Jul 30 j 08:28	10°♊48'11	
asc. node	-5263 Aug 01 j 16:35	11°♊17'24	
morning max el	-5263 Aug 05 j 21:45	14°♊21'50	18°17'00
	-5263 Aug 16 j 23:48	0°♋	
morning set	-5263 Aug 24 j 15:02	12°♋37'17	
	-5263 Sep 04 j 05:45	0°♌	
superior conj	-5263 Sep 08 j 00:14	6°♌02'33	0°37'14
minimum elong	-5263 Sep 08 j 04:38	6°♌20'05	0°36'56
max. Earth dist.	-5263 Sep 11 j 04:07	11°♌03'50	1.44599 AU
desc. node	-5263 Sep 14 j 00:44	15°♌34'35	
	-5263 Sep 23 j 05:51	0°♍	
evening rise	-5263 Sep 24 j 16:29	2°♍15'02	
greatest brilliancy	-5263 Oct 10 j 15:49	26°♍42'15	-0.7m
	-5263 Oct 12 j 23:25	0°♎	
evening max el	-5263 Oct 19 j 03:00	7°♎36'59	19°38'13
retrograde	-5263 Oct 26 j 11:04	11°♎52'21	
asc. node	-5263 Oct 28 j 15:23	11°♎24'43	
evening set	-5263 Oct 29 j 19:58	10°♎46'06	
inferior conj	-5263 Nov 04 j 11:12	4°♎46'43	2°10'55
minimum elong	-5263 Nov 04 j 08:29	4°♎55'36	2°09'57
min. Earth dist.	-5263 Nov 05 j 13:36	3°♎20'51	0.66206 AU
	-5263 Nov 08 j 08:21	30°℞♍	
morning rise	-5263 Nov 09 j 20:15	28°♍31'56	
direct	-5263 Nov 15 j 21:05	25°♍54'55	
	-5263 Nov 24 j 16:37	0°♎	
morning max el	-5263 Nov 28 j 02:37	3°♎07'57	25°44'07
desc. node	-5263 Dec 11 j 01:04	18°♎53'48	
	-5263 Dec 18 j 15:44	0°♏	
morning set	-5262 Jan 03 j 07:17	26°♏13'38	
	-5262 Jan 05 j 08:14	0°♐	
max. Earth dist.	-5262 Jan 07 j 05:05	3°♐31'54	1.36094 AU
superior conj	-5262 Jan 12 j 17:19	14°♐19'54	-1°-37'-9
minimum elong	-5262 Jan 12 j 20:05	14°♐33'52	1°37'11
	-5262 Jan 20 j 09:43	0°♑	
evening rise	-5262 Jan 20 j 17:01	0°♑37'07	
asc. node	-5262 Jan 24 j 14:07	8°♑20'27	
evening max el	-5262 Feb 07 j 15:27	29°♑28'59	20°02'22
	-5262 Feb 08 j 04:54	0°♒	
retrograde	-5262 Feb 17 j 18:24	4°♒16'08	
evening set	-5262 Feb 20 j 03:21	4°♒01'33	
inferior conj	-5262 Feb 28 j 20:07	0°♒01'22	2°08'19
minimum elong	-5262 Mar 01 j 00:56	29°♑54'02	2°06'36
	-5262 Feb 28 j 21:01	30°℞♑	
min. Earth dist.	-5262 Mar 02 j 22:27	28°♑44'59	0.55826 AU
desc. node	-5262 Mar 09 j 00:25	25°♑45'46	
morning rise	-5262 Mar 09 j 19:39	25°♑30'46	
direct	-5262 Mar 13 j 18:44	24°♑56'08	
	-5262 Mar 25 j 12:50	0°♒	
morning max el	-5262 Mar 27 j 12:33	1°♒46'35	23°50'44
	-5262 Apr 15 j 18:21	0°♓	
morning set	-5262 Apr 20 j 15:55	9°♓53'35	
asc. node	-5262 Apr 22 j 13:45	13°♓55'55	
superior conj	-5262 Apr 27 j 18:53	25°♓08'44	0°51'21
minimum elong	-5262 Apr 27 j 16:48	24°♓57'30	0°50'55
max. Earth dist.	-5262 Apr 29 j 17:39	29°♓18'46	1.33549 AU
	-5262 Apr 30 j 01:25	0°♈	
evening rise	-5262 May 05 j 07:41	10°♈52'42	
	-5262 May 15 j 14:05	0°♉	
desc. node	-5262 Jun 04 j 22:40	28°♉51'37	
	-5262 Jun 06 j 00:31	0°♊	
evening max el	-5262 Jun 07 j 16:34	1°♊40'01	27°25'19
retrograde	-5262 Jun 21 j 09:08	9°♊05'25	
evening set	-5262 Jun 28 j 12:00	6°♊27'05	
min. Earth dist.	-5262 Jul 02 j 02:52	3°♊15'17	0.63516 AU
inferior conj	-5262 Jul 04 j 18:04	0°♊32'41	-3°-48'-18
minimum elong	-5262 Jul 04 j 21:06	0°♊24'50	3°47'34
	-5262 Jul 05 j 06:46	30°℞♉	
morning rise	-5262 Jul 11 j 08:06	25°♉14'17	
direct	-5262 Jul 13 j 23:27	24°♉40'00	
asc. node	-5262 Jul 19 j 13:37	27°♉11'34	
morning max el	-5262 Jul 20 j 12:18	28°♉04'29	17°59'20
	-5262 Jul 22 j 06:29	0°♊	
morning set	-5262 Aug 06 j 12:10	24°♊19'43	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5262 Aug 09 j 18:40	0°♋	
superior conj	-5262 Aug 18 j 21:38	15°♋25'34	1°15'42
minimum elong	-5262 Aug 19 j 03:37	15°♋50'13	1°15'24
max. Earth dist.	-5262 Aug 24 j 19:55	25°♋05'00	1.43753 AU
	-5262 Aug 27 j 21:51	0°♌	
desc. node	-5262 Aug 31 j 21:41	6°♌17'04	
evening rise	-5262 Sep 03 j 21:44	10°♌57'08	
	-5262 Sep 16 j 11:02	0°♍	
greatest brilliancy	-5262 Sep 26 j 04:09	13°♍48'17	-0.5m
evening max el	-5262 Oct 02 j 05:27	21°♍03'21	20°39'35
retrograde	-5262 Oct 10 j 08:06	25°♍50'12	
evening set	-5262 Oct 14 j 03:07	24°♍27'41	
asc. node	-5262 Oct 15 j 12:33	23°♍16'09	
inferior conj	-5262 Oct 19 j 14:18	18°♍18'06	1°21'20
minimum elong	-5262 Oct 19 j 12:29	18°♍24'14	1°20'43
min. Earth dist.	-5262 Oct 20 j 05:01	17°♍28'12	0.66899 AU
morning rise	-5262 Oct 24 j 21:24	12°♍00'22	
direct	-5262 Oct 30 j 07:01	9°♍41'29	
morning max el	-5262 Nov 10 j 11:24	16°♍21'26	24°23'37
	-5262 Nov 21 j 18:51	0°♎	
desc. node	-5262 Nov 27 j 21:57	8°♎36'47	
	-5262 Dec 11 j 15:28	0°♏	
morning set	-5262 Dec 16 j 06:23	7°♏51'20	
max. Earth dist.	-5262 Dec 20 j 03:07	14°♏42'06	1.37979 AU
superior conj	-5262 Dec 27 j 00:51	27°♏35'08	-1°-48'-52
minimum elong	-5262 Dec 27 j 02:32	27°♏43'15	1°49'04
	-5262 Dec 28 j 06:51	0°♐	
evening rise	-5261 Jan 04 j 17:00	14°♐38'27	
asc. node	-5261 Jan 11 j 11:12	27°♐30'27	
	-5261 Jan 12 j 21:33	0°♑	
evening max el	-5261 Jan 21 j 10:14	11°♑35'11	19°04'41
retrograde	-5261 Jan 30 j 00:49	15°♑42'06	
evening set	-5261 Feb 01 j 10:47	15°♑24'03	
inferior conj	-5261 Feb 09 j 11:27	11°♑09'13	3°23'11
minimum elong	-5261 Feb 09 j 16:03	11°♑01'10	3°22'00
min. Earth dist.	-5261 Feb 12 j 13:21	9°♑01'20	0.57197 AU
morning rise	-5261 Feb 17 j 17:42	6°♑09'48	
direct	-5261 Feb 22 j 23:05	5°♑05'42	
desc. node	-5261 Feb 23 j 21:33	5°♑07'48	
morning max el	-5261 Mar 09 j 03:22	12°♑22'58	25°25'54
	-5261 Mar 22 j 18:45	0°♒	
morning set	-5261 Apr 05 j 04:10	24°♒56'58	
	-5261 Apr 07 j 13:13	0°♓	
asc. node	-5261 Apr 09 j 10:43	4°♓05'49	
superior conj	-5261 Apr 12 j 05:10	10°♓07'35	0°28'16
minimum elong	-5261 Apr 12 j 03:57	10°♓00'58	0°27'53
max. Earth dist.	-5261 Apr 13 j 03:44	12°♓10'17	1.32931 AU
evening rise	-5261 Apr 19 j 10:30	25°♓30'10	
	-5261 Apr 21 j 15:52	0°♈	
	-5261 May 09 j 04:41	0°♉	
evening max el	-5261 May 20 j 23:31	14°♉12'26	27°11'59
desc. node	-5261 May 22 j 19:53	15°♉53'35	
retrograde	-5261 Jun 03 j 21:54	21°♉36'13	
evening set	-5261 Jun 10 j 20:58	19°♉20'28	
min. Earth dist.	-5261 Jun 14 j 12:46	16°♉31'30	0.61681 AU
inferior conj	-5261 Jun 17 j 16:16	13°♉39'49	-4°-8'00
minimum elong	-5261 Jun 17 j 17:41	13°♉36'33	4°07'44
morning rise	-5261 Jun 24 j 17:07	8°♉42'09	
direct	-5261 Jun 27 j 06:02	8°♉14'32	
morning max el	-5261 Jul 04 j 02:12	11°♉39'31	18°00'09
asc. node	-5261 Jul 06 j 10:37	14°♉15'54	
	-5261 Jul 16 j 08:40	0°♊	
morning set	-5261 Jul 20 j 05:19	6°♊59'40	
superior conj	-5261 Jul 30 j 22:38	26°♊10'42	1°39'19
minimum elong	-5261 Jul 31 j 02:30	26°♊27'25	1°39'21
	-5261 Aug 02 j 03:54	0°♋	
max. Earth dist.	-5261 Aug 07 j 06:46	8°♋35'52	1.42324 AU
evening rise	-5261 Aug 14 j 04:25	19°♋44'34	
desc. node	-5261 Aug 18 j 18:40	26°♋54'48	
	-5261 Aug 20 j 18:59	0°♌	
greatest brilliancy	-5261 Sep 10 j 04:55	28°♌55'52	-0.4m
	-5261 Sep 11 j 01:53	0°♍	
evening max el	-5261 Sep 15 j 01:28	4°♍27'47	21°52'27
retrograde	-5261 Sep 24 j 04:03	9°♍52'14	
evening set	-5261 Sep 28 j 11:18	8°♍11'03	
asc. node	-5261 Oct 02 j 09:43	3°♍51'32	
inferior conj	-5261 Oct 03 j 20:01	1°♍54'38	0°29'06
minimum elong	-5261 Oct 03 j 19:21	1°♍56'57	0°28'59
min. Earth dist.	-5261 Oct 04 j 00:08	1°♍40'24	0.67280 AU
	-5261 Oct 05 j 05:34	30°℞♌	
morning rise	-5261 Oct 09 j 03:11	25°♌36'52	
direct	-5261 Oct 13 j 21:34	23°♌39'03	
morning max el	-5261 Oct 23 j 21:47	29°♌37'45	22°57'37
	-5261 Oct 24 j 06:28	0°♍	
greatest brilliancy	-5261 Oct 28 j 19:33	5°♍09'16	-0.3m
desc. node	-5261 Nov 14 j 18:50	28°♍42'24	
	-5261 Nov 15 j 15:23	0°♎	
morning set	-5261 Nov 27 j 02:58	18°♎08'57	
max. Earth dist.	-5261 Dec 01 j 23:54	26°♎20'52	1.40033 AU
	-5261 Dec 04 j 02:31	0°♏	
superior conj	-5261 Dec 09 j 16:41	9°♏59'41	-1°-52'00
minimum elong	-5261 Dec 09 j 16:02	9°♏56'43	1°52'11
evening rise	-5261 Dec 19 j 08:19	28°♏09'04	
	-5261 Dec 20 j 07:37	0°♐	
asc. node	-5261 Dec 29 j 08:19	16°♐07'50	
evening max el	-5260 Jan 04 j 13:34	24°♐11'22	18°27'01
retrograde	-5260 Jan 12 j 01:42	27°♐52'50	
evening set	-5260 Jan 14 j 13:36	27°♐29'35	
inferior conj	-5260 Jan 21 j 22:58	22°♐54'15	4°00'02
minimum elong	-5260 Jan 22 j 00:51	22°♐50'27	3°59'37
min. Earth dist.	-5260 Jan 25 j 07:36	20°♐12'00	0.59036 AU
morning rise	-5260 Jan 29 j 08:46	17°♐30'30	
direct	-5260 Feb 04 j 16:03	15°♐47'40	
desc. node	-5260 Feb 10 j 18:38	17°♐19'03	
morning max el	-5260 Feb 18 j 21:34	23°♐19'32	26°42'57
	-5260 Feb 24 j 21:52	0°♑	
	-5260 Mar 14 j 16:36	0°♒	
morning set	-5260 Mar 19 j 15:00	9°♒55'55	
asc. node	-5260 Mar 26 j 07:42	24°♒19'57	
superior conj	-5260 Mar 26 j 16:51	25°♒10'02	0°03'58
minimum elong	-5260 Mar 26 j 16:41	25°♒09'07	0°03'44
behind sun begin	-5260 Mar 26 j 11:49	24°♒42'28	
behind sun end	-5260 Mar 26 j 21:34	25°♒35'47	
max. Earth dist.	-5260 Mar 26 j 17:04	25°♒11'12	1.32639 AU
	-5260 Mar 28 j 21:57	0°♓	
evening rise	-5260 Apr 02 j 18:16	10°♓21'53	
	-5260 Apr 12 j 23:37	0°♈	
evening max el	-5260 May 02 j 00:53	26°♈05'04	26°26'14
	-5260 May 06 j 18:12	0°♉	
desc. node	-5260 May 08 j 17:05	1°♉13'56	
retrograde	-5260 May 16 j 02:59	3°♉25'12	
evening set	-5260 May 22 j 10:39	1°♉43'49	
	-5260 May 25 j 05:55	30°℞♈	
min. Earth dist.	-5260 May 26 j 13:53	29°♈01'35	0.59652 AU
inferior conj	-5260 May 29 j 23:09	26°♈20'43	-4°-7'-16
minimum elong	-5260 May 29 j 21:46	26°♈23'30	4°07'06
morning rise	-5260 Jun 06 j 12:33	21°♈45'01	
direct	-5260 Jun 08 j 23:55	21°♈22'52	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning max el	-5260 Jun 16 j 12:43	25°♈00'06	18°20'14
	-5260 Jun 20 j 18:20	0°♉	
asc. node	-5260 Jun 22 j 07:38	2°♉15'54	
morning set	-5260 Jul 02 j 13:31	20°♉25'12	
	-5260 Jul 07 j 14:46	0°♊	
superior conj	-5260 Jul 12 j 00:46	8°♊11'59	1°48'57
minimum elong	-5260 Jul 12 j 01:43	8°♊16'19	1°49'11
max. Earth dist.	-5260 Jul 19 j 11:28	21°♊23'43	1.40518 AU
evening rise	-5260 Jul 24 j 07:03	29°♊29'44	
	-5260 Jul 24 j 14:24	0°♋	
desc. node	-5260 Aug 04 j 15:41	17°♋24'12	
	-5260 Aug 13 j 07:23	0°♌	
greatest brilliancy	-5260 Aug 22 j 00:28	11°♌30'53	-0.2m
evening max el	-5260 Aug 27 j 15:52	17°♌52'06	23°12'16
retrograde	-5260 Sep 06 j 21:28	23°♌56'00	
evening set	-5260 Sep 11 j 18:41	21°♌54'50	
inferior conj	-5260 Sep 17 j 02:35	15°♌35'07	0°-23'-58
minimum elong	-5260 Sep 17 j 03:08	15°♌33'14	0°23'32
min. Earth dist.	-5260 Sep 16 j 20:32	15°♌55'58	0.67366 AU
asc. node	-5260 Sep 18 j 06:52	13°♌58'41	
morning rise	-5260 Sep 22 j 11:36	9°♌20'28	
direct	-5260 Sep 26 j 16:00	7°♌43'30	
morning max el	-5260 Oct 05 j 12:43	12°♌59'09	21°34'31
greatest brilliancy	-5260 Oct 10 j 16:06	18°♌54'55	-0.4m
	-5260 Oct 18 j 20:15	0°♍	
desc. node	-5260 Oct 31 j 15:43	19°♍04'04	
morning set	-5260 Nov 05 j 19:41	27°♍07'43	
	-5260 Nov 07 j 15:03	0°♎	
max. Earth dist.	-5260 Nov 13 j 01:28	8°♎48'57	1.41977 AU
superior conj	-5260 Nov 20 j 11:16	21°♎20'05	-1°-43'-5
minimum elong	-5260 Nov 20 j 07:17	21°♎02'53	1°42'56
	-5260 Nov 25 j 09:26	0°♏	
evening rise	-5260 Dec 01 j 11:35	11°♏01'37	
	-5260 Dec 12 j 09:08	0°♐	
asc. node	-5260 Dec 15 j 05:28	4°♐02'37	
evening max el	-5260 Dec 17 j 22:54	7°♐10'32	18°09'25
retrograde	-5260 Dec 24 j 19:06	10°♐40'25	
evening set	-5260 Dec 27 j 09:14	10°♐10'49	
inferior conj	-5259 Jan 03 j 05:35	5°♐13'37	4°05'42
minimum elong	-5259 Jan 03 j 04:40	5°♐15'46	4°05'24
min. Earth dist.	-5259 Jan 06 j 08:18	2°♐20'12	0.61020 AU
	-5259 Jan 09 j 05:26	30°℞♏	
morning rise	-5259 Jan 09 j 21:33	29°♏32'22	
direct	-5259 Jan 16 j 19:58	27°♏13'39	
	-5259 Jan 24 j 22:33	0°♐	
desc. node	-5259 Jan 27 j 15:43	1°♐58'30	
morning max el	-5259 Jan 30 j 21:48	4°♐52'56	27°29'35
	-5259 Feb 18 j 15:47	0°♑	
morning set	-5259 Mar 03 j 22:28	24°♑42'38	
	-5259 Mar 06 j 11:13	0°♒	
max. Earth dist.	-5259 Mar 10 j 05:47	8°♒06'58	1.32689 AU
superior conj	-5259 Mar 11 j 04:16	10°♒09'21	0°-20'-45
minimum elong	-5259 Mar 11 j 05:11	10°♒14'23	0°20'49
asc. node	-5259 Mar 13 j 04:41	14°♒33'32	
evening rise	-5259 Mar 18 j 04:52	25°♒19'30	
	-5259 Mar 20 j 11:04	0°♓	
	-5259 Apr 07 j 08:29	0°♈	
evening max el	-5259 Apr 13 j 20:18	7°♈18'02	25°12'46
desc. node	-5259 Apr 25 j 14:18	14°♈15'23	
retrograde	-5259 Apr 27 j 21:59	14°♈28'05	
evening set	-5259 May 03 j 03:03	13°♈24'51	
min. Earth dist.	-5259 May 08 j 08:52	10°♈32'48	0.57691 AU
inferior conj	-5259 May 11 j 11:14	8°♈25'12	-3°-36'-51
minimum elong	-5259 May 11 j 06:45	8°♈32'58	3°36'05
morning rise	-5259 May 19 j 14:41	4°♈09'52	
direct	-5259 May 22 j 00:56	3°♈52'06	
morning max el	-5259 May 30 j 16:48	7°♈55'37	19°00'21
asc. node	-5259 Jun 09 j 04:37	20°♈57'53	
	-5259 Jun 14 j 02:08	0°♉	
morning set	-5259 Jun 16 j 08:35	4°♉25'18	
superior conj	-5259 Jun 24 j 22:15	21°♉12'35	1°47'35
minimum elong	-5259 Jun 24 j 21:00	21°♉06'36	1°47'46
	-5259 Jun 29 j 14:29	0°♊	
max. Earth dist.	-5259 Jul 01 j 12:39	3°♊30'14	1.38586 AU
evening rise	-5259 Jul 05 j 12:17	10°♊33'03	
	-5259 Jul 17 j 10:04	0°♋	
desc. node	-5259 Jul 22 j 12:44	7°♋40'00	
	-5259 Aug 08 j 20:10	0°♌	
evening max el	-5259 Aug 10 j 03:04	1°♌18'54	24°32'44
retrograde	-5259 Aug 21 j 11:09	7°♌57'37	
evening set	-5259 Aug 26 j 23:26	5°♌37'02	
min. Earth dist.	-5259 Aug 31 j 15:40	0°♌13'06	0.67152 AU
	-5259 Aug 31 j 19:35	30°℞♋	
inferior conj	-5259 Sep 01 j 08:14	29°♋17'30	-1°-16'-19
minimum elong	-5259 Sep 01 j 09:58	29°♋11'41	1°15'23
asc. node	-5259 Sep 05 j 04:00	24°♋37'12	
morning rise	-5259 Sep 06 j 20:46	23°♋09'19	
direct	-5259 Sep 10 j 13:07	21°♋51'14	
morning max el	-5259 Sep 18 j 10:18	26°♋27'48	20°20'43
	-5259 Sep 21 j 13:28	0°♌	
greatest brilliancy	-5259 Sep 25 j 04:06	4°♌40'16	-0.6m
	-5259 Oct 12 j 07:42	0°♍	
morning set	-5259 Oct 15 j 19:26	5°♍23'06	
desc. node	-5259 Oct 18 j 12:35	9°♍36'39	
max. Earth dist.	-5259 Oct 26 j 10:18	22°♍07'24	1.43537 AU
	-5259 Oct 31 j 06:49	0°♎	
superior conj	-5259 Nov 01 j 03:22	1°♎24'23	-1°-18'-51
minimum elong	-5259 Oct 31 j 20:55	0°♎57'50	1°18'12
evening rise	-5259 Nov 13 j 22:30	23°♎07'04	
	-5259 Nov 17 j 21:33	0°♏	
evening max el	-5259 Dec 01 j 11:19	20°♏25'04	18°11'15
asc. node	-5259 Dec 02 j 02:36	21°♏02'11	
retrograde	-5259 Dec 08 j 01:01	23°♏55'26	
evening set	-5259 Dec 10 j 18:12	23°♏18'10	
inferior conj	-5259 Dec 17 j 03:51	17°♏59'58	3°49'21
minimum elong	-5259 Dec 17 j 01:12	18°♏06'56	3°48'44
min. Earth dist.	-5259 Dec 19 j 17:54	15°♏16'53	0.62875 AU
morning rise	-5259 Dec 23 j 06:24	12°♏05'50	
direct	-5259 Dec 30 j 08:17	9°♏24'04	
morning max el	-5258 Jan 13 j 03:31	17°♏05'43	27°40'29
desc. node	-5258 Jan 14 j 12:44	18°♏29'54	
	-5258 Jan 23 j 23:03	0°♐	
	-5258 Feb 11 j 07:44	0°♑	
morning set	-5258 Feb 16 j 00:21	9°♑09'30	
max. Earth dist.	-5258 Feb 21 j 14:15	20°♑45'04	1.33107 AU
superior conj	-5258 Feb 23 j 13:44	24°♑59'43	0°-44'-58
minimum elong	-5258 Feb 23 j 15:39	25°♑10'05	0°44'53
	-5258 Feb 25 j 21:18	0°♒	
asc. node	-5258 Feb 28 j 01:41	4°♒42'38	
evening rise	-5258 Mar 02 j 16:28	10°♒16'43	
	-5258 Mar 12 j 23:09	0°♓	
evening max el	-5258 Mar 26 j 12:41	18°♓06'23	23°42'13
retrograde	-5258 Apr 09 j 04:15	24°♓52'53	
desc. node	-5258 Apr 12 j 11:29	24°♓28'46	
evening set	-5258 Apr 13 j 02:15	24°♓19'09	
min. Earth dist.	-5258 Apr 20 j 00:25	21°♓05'09	0.56139 AU
inferior conj	-5258 Apr 22 j 03:17	19°♓48'13	-2°-28'-39
minimum elong	-5258 Apr 21 j 21:53	19°♓56'25	2°27'15

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning rise	-5258 Apr 30 j 21:04	15°♓47'10	
direct	-5258 May 03 j 07:27	15°♓32'05	
morning max el	-5258 May 13 j 11:43	20°♓16'30	20°00'48
	-5258 May 21 j 05:10	0°♈	
asc. node	-5258 May 27 j 01:34	10°♈11'41	
morning set	-5258 May 31 j 11:21	18°♈51'43	
	-5258 Jun 05 j 22:44	0°♉	
superior conj	-5258 Jun 08 j 09:49	4°♉57'47	1°38'09
minimum elong	-5258 Jun 08 j 07:23	4°♉45'37	1°38'07
max. Earth dist.	-5258 Jun 13 j 16:30	15°♉16'55	1.36768 AU
evening rise	-5258 Jun 17 j 17:32	22°♉48'45	
	-5258 Jun 21 j 18:33	0°♊	
desc. node	-5258 Jul 09 j 09:49	27°♊35'53	
	-5258 Jul 11 j 03:41	0°♋	
evening max el	-5258 Jul 23 j 13:39	14°♋48'48	25°45'58
retrograde	-5258 Aug 04 j 20:20	21°♋52'52	
evening set	-5258 Aug 10 j 23:36	19°♋16'01	
min. Earth dist.	-5258 Aug 15 j 07:02	14°♋30'01	0.66614 AU
inferior conj	-5258 Aug 16 j 11:11	12°♋59'52	-2°-6'-15
minimum elong	-5258 Aug 16 j 13:56	12°♋51'05	2°04'59
morning rise	-5258 Aug 22 j 04:50	7°♋01'35	
asc. node	-5258 Aug 23 j 01:06	6°♋33'41	
direct	-5258 Aug 25 j 11:22	5°♋59'35	
morning max el	-5258 Sep 01 j 14:55	10°♋04'39	19°20'12
greatest brilliancy	-5258 Sep 12 j 00:56	23°♋54'10	-0.7m
	-5258 Sep 16 j 00:58	0°♌	
morning set	-5258 Sep 25 j 00:40	14°♌00'13	
desc. node	-5258 Oct 05 j 09:26	0°♍15'55	
	-5258 Oct 05 j 05:23	0°♍	
max. Earth dist.	-5258 Oct 09 j 01:26	6°♍03'09	1.44510 AU
superior conj	-5258 Oct 11 j 16:49	10°♍14'29	0°-38'-56
minimum elong	-5258 Oct 11 j 12:06	9°♍55'47	0°38'15
	-5258 Oct 23 j 22:18	0°♎	
evening rise	-5258 Oct 26 j 12:10	4°♎14'51	
	-5258 Nov 11 j 19:07	0°♏	
evening max el	-5258 Nov 14 j 23:57	3°♏47'27	18°31'34
asc. node	-5258 Nov 18 j 23:46	6°♏50'42	
retrograde	-5258 Nov 21 j 15:14	7°♏28'31	
evening set	-5258 Nov 24 j 12:56	6°♏41'51	
inferior conj	-5258 Nov 30 j 13:57	1°♏04'59	3°18'15
minimum elong	-5258 Nov 30 j 10:41	1°♏14'32	3°17'19
	-5258 Dec 01 j 12:09	30°℞♎	
min. Earth dist.	-5258 Dec 02 j 13:25	28°♎46'50	0.64441 AU
morning rise	-5258 Dec 06 j 07:10	25°♎00'44	
direct	-5258 Dec 13 j 03:22	22°♎11'18	
morning max el	-5258 Dec 26 j 12:31	29°♎49'45	27°16'51
	-5258 Dec 26 j 16:39	0°♏	
desc. node	-5257 Jan 01 j 09:42	6°♏20'26	
	-5257 Jan 17 j 20:54	0°♐	
morning set	-5257 Jan 30 j 17:45	23°♐06'05	
	-5257 Feb 03 j 04:47	0°♑	
max. Earth dist.	-5257 Feb 04 j 14:37	2°♑53'13	1.33927 AU
superior conj	-5257 Feb 07 j 19:19	9°♑33'45	-1°-7'-42
minimum elong	-5257 Feb 07 j 22:00	9°♑47'52	1°07'34
asc. node	-5257 Feb 14 j 22:41	24°♑42'14	
evening rise	-5257 Feb 15 j 03:17	25°♑06'16	
	-5257 Feb 17 j 12:23	0°♒	
evening max el	-5257 Mar 08 j 07:24	28°♒54'22	22°08'32
	-5257 Mar 09 j 12:18	0°♓	
retrograde	-5257 Mar 20 j 22:31	5°♓01'01	
evening set	-5257 Mar 23 j 20:10	4°♓42'24	
desc. node	-5257 Mar 30 j 08:41	2°♓08'06	
min. Earth dist.	-5257 Apr 01 j 14:34	0°♓53'44	0.55303 AU
inferior conj	-5257 Apr 02 j 03:28	0°♓35'32	0°-45'-34
minimum elong	-5257 Apr 02 j 01:22	0°♓38'29	0°45'02
	-5257 Apr 03 j 04:43	30°℞♒	
morning rise	-5257 Apr 11 j 07:56	26°♒36'21	
direct	-5257 Apr 13 j 23:24	26°♒20'32	
	-5257 Apr 23 j 13:04	0°♓	
morning max el	-5257 Apr 25 j 19:49	1°♓56'20	21°20'16
asc. node	-5257 May 13 j 22:30	29°♓49'09	
	-5257 May 14 j 00:40	0°♈	
morning set	-5257 May 15 j 19:16	3°♈37'09	
superior conj	-5257 May 23 j 07:19	19°♈15'29	1°22'58
minimum elong	-5257 May 23 j 04:34	19°♈01'13	1°22'42
max. Earth dist.	-5257 May 27 j 04:21	27°♈09'42	1.35228 AU
	-5257 May 28 j 14:37	0°♉	
evening rise	-5257 May 31 j 17:20	6°♉01'55	
	-5257 Jun 14 j 11:57	0°♊	
desc. node	-5257 Jun 26 j 06:55	17°♊03'11	
evening max el	-5257 Jul 06 j 00:43	28°♊16'35	26°43'44
	-5257 Jul 07 j 21:14	0°♋	
retrograde	-5257 Jul 19 j 00:34	5°♋35'49	
evening set	-5257 Jul 25 j 16:55	2°♋49'20	
	-5257 Jul 28 j 13:22	30°℞♊	
min. Earth dist.	-5257 Jul 29 j 16:18	28°♊42'35	0.65712 AU
inferior conj	-5257 Jul 31 j 09:27	26°♊39'29	-2°-51'-49
minimum elong	-5257 Jul 31 j 12:51	26°♊29'19	2°50'32
morning rise	-5257 Aug 06 j 09:48	20°♊54'28	
direct	-5257 Aug 09 j 08:44	20°♊05'29	
asc. node	-5257 Aug 09 j 22:10	20°♊07'14	
morning max el	-5257 Aug 16 j 01:15	23°♊47'53	18°35'20
	-5257 Aug 21 j 01:52	0°♋	
morning set	-5257 Sep 05 j 04:55	23°♋46'09	
	-5257 Sep 09 j 01:35	0°♌	
superior conj	-5257 Sep 20 j 16:19	18°♌29'12	0°09'56
minimum elong	-5257 Sep 20 j 17:38	18°♌34'23	0°09'59
behind sun begin	-5257 Sep 20 j 08:32	17°♌58'29	
behind sun end	-5257 Sep 21 j 02:44	19°♌10'17	
max. Earth dist.	-5257 Sep 21 j 19:29	20°♌16'23	1.44777 AU
desc. node	-5257 Sep 22 j 06:18	20°♌59'02	
	-5257 Sep 27 j 23:38	0°♍	
evening rise	-5257 Oct 07 j 00:55	14°♍17'59	
	-5257 Oct 16 j 23:36	0°♎	
evening max el	-5257 Oct 29 j 10:12	17°♎13'24	19°09'11
retrograde	-5257 Nov 05 j 10:17	21°♎14'10	
asc. node	-5257 Nov 05 j 20:55	21°♎13'02	
evening set	-5257 Nov 08 j 14:26	20°♎15'49	
inferior conj	-5257 Nov 14 j 08:44	14°♎23'26	2°37'26
minimum elong	-5257 Nov 14 j 05:38	14°♎33'10	2°36'25
min. Earth dist.	-5257 Nov 15 j 18:20	12°♎37'40	0.65662 AU
morning rise	-5257 Nov 19 j 19:57	8°♎11'35	
direct	-5257 Nov 26 j 04:41	5°♎27'24	
morning max el	-5257 Dec 08 j 22:22	12°♎53'34	26°24'13
desc. node	-5257 Dec 19 j 06:39	25°♎06'54	
	-5257 Dec 22 j 19:59	0°♏	
	-5256 Jan 10 j 12:04	0°♐	
morning set	-5256 Jan 13 j 22:53	6°♐20'48	
max. Earth dist.	-5256 Jan 18 j 03:56	14°♐26'43	1.35181 AU
superior conj	-5256 Jan 22 j 18:47	23°♐44'15	-1°-27'-37
minimum elong	-5256 Jan 22 j 21:44	23°♐59'23	1°27'34
	-5256 Jan 25 j 19:28	0°♑	
evening rise	-5256 Jan 30 j 11:33	9°♑42'06	
asc. node	-5256 Feb 01 j 19:43	14°♑27'31	
	-5256 Feb 10 j 09:57	0°♒	
evening max el	-5256 Feb 18 j 10:00	10°♒05'58	20°43'52
retrograde	-5256 Feb 29 j 12:29	15°♒22'19	
evening set	-5256 Mar 02 j 22:44	15°♒08'12	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

inferior conj	-5256 Mar 11 j 23:19	11°♒10'09	1°09'28
minimum elong	-5256 Mar 12 j 02:20	11°♒05'47	1°08'13
min. Earth dist.	-5256 Mar 13 j 04:41	10°♒27'40	0.55370 AU
desc. node	-5256 Mar 16 j 05:52	8°♒47'49	
morning rise	-5256 Mar 21 j 04:22	6°♒54'47	
direct	-5256 Mar 24 j 11:59	6°♒30'50	
morning max el	-5256 Apr 06 j 17:51	12°♒57'50	22°54'04
	-5256 Apr 19 j 13:09	0°♓	
morning set	-5256 Apr 29 j 06:15	18°♓34'36	
asc. node	-5256 Apr 29 j 19:26	19°♓43'31	
	-5256 May 04 j 15:25	0°♈	
superior conj	-5256 May 06 j 11:37	3°♈55'36	1°03'45
minimum elong	-5256 May 06 j 09:10	3°♈42'33	1°03'19
max. Earth dist.	-5256 May 09 j 02:01	9°♈24'22	1.34048 AU
evening rise	-5256 May 14 j 06:37	19°♈57'29	
	-5256 May 19 j 13:17	0°♉	
	-5256 Jun 07 j 12:32	0°♊	
desc. node	-5256 Jun 12 j 04:06	5°♊49'08	
evening max el	-5256 Jun 17 j 11:40	11°♊32'00	27°18'23
retrograde	-5256 Jun 30 j 23:32	18°♊57'46	
evening set	-5256 Jul 08 j 00:31	16°♊12'21	
min. Earth dist.	-5256 Jul 11 j 17:24	12°♊42'34	0.64421 AU
inferior conj	-5256 Jul 14 j 00:41	10°♊11'23	-3°-30'-33
minimum elong	-5256 Jul 14 j 04:07	10°♊01'58	3°29'32
morning rise	-5256 Jul 20 j 09:18	4°♊42'41	
direct	-5256 Jul 23 j 02:46	4°♊03'51	
asc. node	-5256 Jul 26 j 19:13	5°♊13'41	
morning max el	-5256 Jul 29 j 15:03	7°♊32'27	18°07'23
	-5256 Aug 13 j 15:55	0°♋	
morning set	-5256 Aug 16 j 11:59	4°♋48'18	
superior conj	-5256 Aug 30 j 00:32	27°♋12'54	0°55'14
minimum elong	-5256 Aug 30 j 06:12	27°♋35'48	0°54'50
	-5256 Aug 31 j 18:03	0°♌	
max. Earth dist.	-5256 Sep 03 j 12:35	4°♌25'37	1.44315 AU
desc. node	-5256 Sep 08 j 03:13	11°♌42'35	
evening rise	-5256 Sep 15 j 14:19	23°♌20'30	
	-5256 Sep 19 j 21:52	0°♍	
greatest brilliancy	-5256 Oct 04 j 09:49	21°♍37'47	-0.6m
	-5256 Oct 11 j 00:47	0°♎	
evening max el	-5256 Oct 11 j 15:54	0°♎39'55	20°02'37
retrograde	-5256 Oct 19 j 07:19	5°♎08'17	
evening set	-5256 Oct 22 j 20:09	3°♎55'32	
asc. node	-5256 Oct 22 j 18:05	3°♎59'03	
	-5256 Oct 26 j 17:52	30°℞♍	
inferior conj	-5256 Oct 28 j 09:28	27°♍51'14	1°50'21
minimum elong	-5256 Oct 28 j 07:05	27°♍59'07	1°49'30
min. Earth dist.	-5256 Oct 29 j 06:44	26°♍40'34	0.66538 AU
morning rise	-5256 Nov 02 j 17:24	21°♍34'32	
direct	-5256 Nov 08 j 11:43	19°♍04'43	
morning max el	-5256 Nov 20 j 07:29	26°♍05'49	25°11'06
	-5256 Nov 23 j 22:14	0°♎	
desc. node	-5256 Dec 05 j 03:34	14°♎32'52	
	-5256 Dec 15 j 09:44	0°♏	
morning set	-5256 Dec 26 j 10:45	18°♏39'24	
max. Earth dist.	-5256 Dec 30 j 06:03	25°♏36'23	1.36856 AU
	-5255 Jan 01 j 13:58	0°♐	
superior conj	-5255 Jan 05 j 09:14	7°♐23'05	-1°-42'-59
minimum elong	-5255 Jan 05 j 11:42	7°♐35'12	1°43'06
evening rise	-5255 Jan 13 j 15:15	23°♐58'15	
	-5255 Jan 16 j 16:10	0°♑	
asc. node	-5255 Jan 18 j 16:48	3°♑52'48	
evening max el	-5255 Jan 30 j 23:06	21°♑53'18	19°35'28
retrograde	-5255 Feb 09 j 09:56	26°♑21'52	
evening set	-5255 Feb 11 j 18:46	26°♑06'18	

inferior conj	-5255 Feb 20 j 04:50	22°♑01'15	2°44'46
minimum elong	-5255 Feb 20 j 10:02	21°♑52'52	2°43'09
min. Earth dist.	-5255 Feb 22 j 19:24	20°♑21'12	0.56323 AU
morning rise	-5255 Feb 28 j 21:50	17°♑17'50	
desc. node	-5255 Mar 03 j 03:02	16°♑44'10	
direct	-5255 Mar 05 j 09:29	16°♑32'22	
morning max el	-5255 Mar 19 j 09:42	23°♑37'07	24°32'29
	-5255 Mar 25 j 03:22	0°♒	
	-5255 Apr 12 j 00:28	0°♓	
morning set	-5255 Apr 13 j 18:33	3°♓38'15	
asc. node	-5255 Apr 16 j 16:24	9°♓49'45	
superior conj	-5255 Apr 20 j 20:21	18°♓50'32	0°41'47
minimum elong	-5255 Apr 20 j 18:36	18°♓41'05	0°41'21
max. Earth dist.	-5255 Apr 22 j 08:23	22°♓04'44	1.33237 AU
	-5255 Apr 26 j 02:09	0°♈	
evening rise	-5255 Apr 28 j 05:28	4°♈23'36	
	-5255 May 12 j 06:31	0°♉	
desc. node	-5255 May 30 j 01:17	23°♉36'17	
evening max el	-5255 May 30 j 20:52	24°♉24'10	27°23'43
	-5255 Jun 07 j 05:04	0°♊	
retrograde	-5255 Jun 13 j 16:35	1°♊50'01	
	-5255 Jun 19 j 18:09	30°℞♉	
evening set	-5255 Jun 20 j 18:57	29°♉19'28	
min. Earth dist.	-5255 Jun 24 j 09:11	26°♉18'59	0.62765 AU
inferior conj	-5255 Jun 27 j 06:06	23°♉30'12	-3°-58'-42
minimum elong	-5255 Jun 27 j 08:36	23°♉24'01	3°58'11
morning rise	-5255 Jul 04 j 00:32	18°♉20'25	
direct	-5255 Jul 06 j 14:32	17°♉49'19	
morning max el	-5255 Jul 13 j 05:41	21°♉13'06	17°57'21
asc. node	-5255 Jul 13 j 16:15	21°♉39'47	
	-5255 Jul 19 j 21:35	0°♊	
morning set	-5255 Jul 29 j 18:16	16°♊56'39	
	-5255 Aug 06 j 04:39	0°♋	
superior conj	-5255 Aug 10 j 09:29	7°♋10'21	1°27'34
minimum elong	-5255 Aug 10 j 14:49	7°♋32'50	1°27'23
max. Earth dist.	-5255 Aug 17 j 01:54	18°♋13'29	1.43203 AU
	-5255 Aug 24 j 11:22	0°♌	
evening rise	-5255 Aug 25 j 17:25	1°♌57'15	
desc. node	-5255 Aug 26 j 00:11	2°♌23'32	
	-5255 Sep 13 j 12:02	0°♍	
greatest brilliancy	-5255 Sep 19 j 05:44	7°♍46'04	-0.5m
evening max el	-5255 Sep 24 j 15:38	14°♍05'33	21°09'27
retrograde	-5255 Oct 03 j 04:08	19°♍08'06	
evening set	-5255 Oct 07 j 03:59	17°♍38'08	
asc. node	-5255 Oct 09 j 15:16	15°♍14'19	
inferior conj	-5255 Oct 12 j 13:56	11°♍25'20	0°59'26
minimum elong	-5255 Oct 12 j 12:35	11°♍29'56	0°59'00
min. Earth dist.	-5255 Oct 13 j 00:08	10°♍50'22	0.67096 AU
morning rise	-5255 Oct 17 j 20:48	5°♍07'01	
direct	-5255 Oct 22 j 23:54	2°♍56'40	
morning max el	-5255 Nov 02 j 16:29	9°♍20'12	23°47'05
	-5255 Nov 18 j 23:16	0°♎	
desc. node	-5255 Nov 22 j 00:26	4°♎26'35	
morning set	-5255 Dec 07 j 23:14	29°♎44'50	
	-5255 Dec 08 j 02:48	0°♏	
max. Earth dist.	-5255 Dec 12 j 02:05	6°♏52'52	1.38844 AU
superior conj	-5255 Dec 19 j 10:47	20°♏18'55	-1°-51'-27
minimum elong	-5255 Dec 19 j 11:38	20°♏22'57	1°51'40
	-5255 Dec 24 j 12:04	0°♐	
evening rise	-5255 Dec 28 j 11:56	7°♐47'34	
asc. node	-5254 Jan 05 j 13:55	22°♐50'19	
	-5254 Jan 10 j 06:00	0°♑	
evening max el	-5254 Jan 13 j 21:57	4°♑14'02	18°46'14
retrograde	-5254 Jan 21 j 23:48	8°♑07'50	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening set	-5254 Jan 24 j 10:39	7°♑47'42	
inferior conj	-5254 Feb 01 j 04:37	3°♑24'57	3°43'10
minimum elong	-5254 Feb 01 j 08:13	3°♑18'16	3°42'22
min. Earth dist.	-5254 Feb 04 j 11:30	0°♑59'39	0.57943 AU
	-5254 Feb 05 j 22:37	30°℞♐	
morning rise	-5254 Feb 09 j 02:08	28°♐14'27	
direct	-5254 Feb 14 j 19:52	26°♐54'00	
desc. node	-5254 Feb 18 j 00:09	27°♐18'34	
	-5254 Feb 23 j 18:48	0°♑	
morning max el	-5254 Mar 01 j 01:12	4°♑18'55	26°01'37
	-5254 Mar 19 j 15:07	0°♒	
morning set	-5254 Mar 29 j 06:25	18°♒40'33	
asc. node	-5254 Apr 03 j 13:22	0°♓02'09	
	-5254 Apr 03 j 12:59	0°♓	
superior conj	-5254 Apr 05 j 07:27	3°♓51'55	0°18'04
minimum elong	-5254 Apr 05 j 06:40	3°♓47'39	0°17'45
max. Earth dist.	-5254 Apr 05 j 20:13	5°♓01'35	1.32769 AU
evening rise	-5254 Apr 12 j 10:42	19°♓08'34	
	-5254 Apr 17 j 21:48	0°♈	
	-5254 May 06 j 23:36	0°♉	
evening max el	-5254 May 13 j 01:49	6°♉41'00	26°56'25
desc. node	-5254 May 16 j 22:30	9°♉59'18	
retrograde	-5254 May 27 j 02:16	14°♉03'17	
evening set	-5254 Jun 02 j 20:06	12°♉01'26	
min. Earth dist.	-5254 Jun 06 j 15:21	9°♉17'05	0.60828 AU
inferior conj	-5254 Jun 09 j 22:14	6°♉27'32	-4°-10'-44
minimum elong	-5254 Jun 09 j 22:36	6°♉26'46	4°10'35
morning rise	-5254 Jun 17 j 04:11	1°♉38'50	
direct	-5254 Jun 19 j 16:19	1°♉13'40	
morning max el	-5254 Jun 26 j 18:25	4°♉42'37	18°06'13
asc. node	-5254 Jun 30 j 13:16	9°♉09'26	
morning set	-5254 Jul 12 j 18:24	29°♉57'32	
	-5254 Jul 12 j 18:55	0°♊	
superior conj	-5254 Jul 22 j 21:43	18°♊29'05	1°44'56
minimum elong	-5254 Jul 23 j 00:19	18°♊40'35	1°45'06
	-5254 Jul 29 j 13:23	0°♋	
max. Earth dist.	-5254 Jul 30 j 10:01	1°♋26'45	1.41591 AU
evening rise	-5254 Aug 05 j 06:57	11°♋04'46	
desc. node	-5254 Aug 12 j 21:10	22°♋58'25	
	-5254 Aug 17 j 13:10	0°♌	
greatest brilliancy	-5254 Sep 02 j 15:47	22°♌11'44	-0.3m
evening max el	-5254 Sep 07 j 09:13	27°♌30'28	22°26'00
	-5254 Sep 10 j 01:53	0°♍	
retrograde	-5254 Sep 16 j 23:00	3°♍11'20	
evening set	-5254 Sep 21 j 12:01	1°♍21'51	
	-5254 Sep 22 j 22:54	30°℞♌	
inferior conj	-5254 Sep 26 j 20:13	25°♌03'55	0°06'38
minimum elong	-5254 Sep 26 j 20:03	25°♌04'28	0°06'45
transit middle	-5254 Sep 26 j 20:03	25°♌04'28	0°06'45
transit begin	-5254 Sep 26 j 17:36	25°♌12'58	
transit end	-5254 Sep 26 j 22:31	24°♌55'59	
asc. node	-5254 Sep 26 j 12:25	25°♌30'52	
min. Earth dist.	-5254 Sep 26 j 20:04	25°♌04'26	0.67353 AU
morning rise	-5254 Oct 02 j 03:57	18°♌47'09	
direct	-5254 Oct 06 j 16:18	16°♌58'07	
morning max el	-5254 Oct 16 j 04:16	22°♌37'53	22°21'31
greatest brilliancy	-5254 Oct 20 j 22:02	27°♌59'50	-0.3m
	-5254 Oct 22 j 12:28	0°♍	
desc. node	-5254 Nov 08 j 21:18	24°♍40'06	
	-5254 Nov 12 j 08:29	0°♎	
morning set	-5254 Nov 18 j 07:36	9°♎27'25	
max. Earth dist.	-5254 Nov 24 j 00:30	18°♎52'22	1.40893 AU
	-5254 Nov 30 j 11:08	0°♏	
superior conj	-5254 Dec 01 j 18:23	2°♏18'58	-1°-49'-55
minimum elong	-5254 Dec 01 j 16:23	2°♏10'03	1°50'00
evening rise	-5254 Dec 11 j 22:37	21°♏03'30	
	-5254 Dec 16 j 18:24	0°♐	
asc. node	-5254 Dec 23 j 11:02	11°♐11'20	
evening max el	-5254 Dec 28 j 04:15	17°♐01'40	18°17'04
retrograde	-5253 Jan 04 j 08:08	20°♐36'18	
evening set	-5253 Jan 06 j 21:06	20°♐10'20	
inferior conj	-5253 Jan 14 j 00:36	15°♐25'31	4°05'41
minimum elong	-5253 Jan 14 j 01:12	15°♐24'13	4°05'22
min. Earth dist.	-5253 Jan 17 j 07:51	12°♐35'54	0.59889 AU
morning rise	-5253 Jan 21 j 02:23	9°♐53'57	
direct	-5253 Jan 27 j 17:43	7°♐54'56	
desc. node	-5253 Feb 04 j 21:14	10°♐37'24	
morning max el	-5253 Feb 10 j 21:40	15°♐29'32	27°06'54
	-5253 Feb 22 j 17:37	0°♑	
	-5253 Mar 11 j 22:07	0°♒	
morning set	-5253 Mar 13 j 16:03	3°♒35'07	
superior conj	-5253 Mar 20 j 19:12	18°♒53'41	0°-6'-32
minimum elong	-5253 Mar 20 j 19:30	18°♒55'19	0°06'41
behind sun begin	-5253 Mar 20 j 14:56	18°♒30'21	
behind sun end	-5253 Mar 21 j 00:04	19°♒20'17	
max. Earth dist.	-5253 Mar 20 j 09:53	18°♒02'40	1.32628 AU
asc. node	-5253 Mar 21 j 10:21	20°♒16'31	
	-5253 Mar 25 j 21:52	0°♓	
evening rise	-5253 Mar 27 j 19:55	4°♓03'52	
	-5253 Apr 10 j 19:43	0°♈	
evening max el	-5253 Apr 25 j 00:39	18°♈16'09	25°57'46
desc. node	-5253 May 03 j 19:43	24°♈25'12	
retrograde	-5253 May 09 j 02:56	25°♈32'09	
evening set	-5253 May 15 j 00:34	24°♈07'23	
min. Earth dist.	-5253 May 19 j 13:18	21°♈22'51	0.58798 AU
inferior conj	-5253 May 22 j 21:26	18°♈53'50	-3°-58'-34
minimum elong	-5253 May 22 j 18:39	18°♈59'05	3°58'14
morning rise	-5253 May 30 j 16:38	14°♈27'02	
direct	-5253 Jun 02 j 03:41	14°♈06'43	
morning max el	-5253 Jun 10 j 02:26	17°♈53'05	18°34'49
asc. node	-5253 Jun 17 j 10:16	27°♈28'29	
	-5253 Jun 18 j 22:37	0°♉	
morning set	-5253 Jun 26 j 07:38	13°♉38'54	
	-5253 Jul 04 j 20:29	0°♊	
superior conj	-5253 Jul 05 j 08:43	0°♊57'15	1°49'31
minimum elong	-5253 Jul 05 j 08:37	0°♊56'46	1°49'47
max. Earth dist.	-5253 Jul 12 j 13:13	13°♊57'46	1.39698 AU
evening rise	-5253 Jul 16 j 20:43	21°♊22'09	
	-5253 Jul 22 j 02:41	0°♋	
desc. node	-5253 Jul 30 j 18:12	13°♋22'45	
	-5253 Aug 11 j 14:27	0°♌	
evening max el	-5253 Aug 20 j 21:55	10°♌55'34	23°46'55
retrograde	-5253 Aug 31 j 14:47	17°♌14'36	
evening set	-5253 Sep 05 j 18:28	15°♌04'48	
min. Earth dist.	-5253 Sep 10 j 16:03	9°♌20'43	0.67314 AU
inferior conj	-5253 Sep 11 j 02:32	8°♌44'55	0°-46'-22
minimum elong	-5253 Sep 11 j 03:36	8°♌41'18	0°45'42
asc. node	-5253 Sep 13 j 09:33	5°♌43'42	
morning rise	-5253 Sep 16 j 12:52	2°♌32'55	
direct	-5253 Sep 20 j 11:56	1°♌04'19	
morning max el	-5253 Sep 28 j 21:53	6°♌02'05	21°01'49
greatest brilliancy	-5253 Oct 04 j 14:07	12°♌42'43	-0.5m
	-5253 Oct 16 j 19:29	0°♍	
desc. node	-5253 Oct 26 j 18:08	15°♍06'51	
morning set	-5253 Oct 28 j 14:48	18°♍00'40	
	-5253 Nov 05 j 03:48	0°♎	
max. Earth dist.	-5253 Nov 06 j 05:43	1°♎45'10	1.42703 AU
superior conj	-5253 Nov 13 j 02:07	13°♎07'35	-1°-34'-49

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5253 Nov 12 j 20:47	12°♎45'03	1°34'27
	-5253 Nov 22 j 18:47	0°♏	
evening rise	-5253 Nov 24 j 19:27	3°♏37'09	
asc. node	-5253 Dec 10 j 08:09	28°♏44'11	
evening max el	-5253 Dec 11 j 15:09	0°♐07'43	18°07'48
	-5253 Dec 11 j 12:06	0°♐	
retrograde	-5253 Dec 18 j 07:33	3°♐36'42	
evening set	-5253 Dec 20 j 22:50	3°♐04'00	
	-5253 Dec 25 j 10:47	30°℞♏	
inferior conj	-5253 Dec 27 j 14:19	27°♏57'17	4°00'59
minimum elong	-5253 Dec 27 j 12:32	28°♏01'43	4°00'34
min. Earth dist.	-5253 Dec 30 j 11:58	25°♏06'15	0.61836 AU
morning rise	-5252 Jan 03 j 00:02	22°♏10'00	
direct	-5252 Jan 10 j 01:01	19°♏40'03	
desc. node	-5252 Jan 22 j 18:16	26°♏08'43	
morning max el	-5252 Jan 24 j 00:37	27°♏20'35	27°38'44
	-5252 Jan 26 j 14:11	0°♐	
	-5252 Feb 16 j 07:39	0°♑	
morning set	-5252 Feb 25 j 21:28	18°♑14'43	
	-5252 Mar 02 j 11:31	0°♒	
max. Earth dist.	-5252 Mar 02 j 21:28	0°♒53'39	1.32825 AU
superior conj	-5252 Mar 04 j 05:59	3°♒49'55	0°-31'-8
minimum elong	-5252 Mar 04 j 07:21	3°♒57'21	0°31'08
asc. node	-5252 Mar 07 j 07:20	10°♒28'47	
evening rise	-5252 Mar 11 j 07:10	19°♒02'17	
	-5252 Mar 16 j 17:25	0°♓	
evening max el	-5252 Apr 05 j 18:05	29°♓15'48	24°35'24
	-5252 Apr 06 j 13:01	0°♈	
retrograde	-5252 Apr 19 j 16:43	6°♈18'09	
desc. node	-5252 Apr 19 j 16:56	6°♈18'09	
evening set	-5252 Apr 24 j 08:46	5°♈28'47	
min. Earth dist.	-5252 Apr 30 j 06:12	2°♈28'57	0.56963 AU
inferior conj	-5252 May 03 j 00:55	0°♈41'05	-3°-12'-46
minimum elong	-5252 May 02 j 19:36	0°♈49'45	3°11'38
	-5252 May 04 j 02:25	30°℞♓	
morning rise	-5252 May 11 j 10:38	26°♓33'20	
direct	-5252 May 13 j 20:43	26°♓16'59	
	-5252 May 22 j 11:08	0°♈	
morning max el	-5252 May 23 j 02:59	0°♈35'39	19°23'41
asc. node	-5252 Jun 03 j 07:14	16°♈25'30	
morning set	-5252 Jun 09 j 06:20	27°♈51'44	
	-5252 Jun 10 j 08:03	0°♉	
superior conj	-5252 Jun 17 j 12:51	14°♉19'27	1°44'26
minimum elong	-5252 Jun 17 j 10:59	14°♉10'19	1°44'31
max. Earth dist.	-5252 Jun 23 j 14:49	25°♉53'29	1.37782 AU
	-5252 Jun 25 j 20:53	0°♊	
evening rise	-5252 Jun 27 j 12:47	2°♊58'09	
	-5252 Jul 14 j 05:10	0°♋	
desc. node	-5252 Jul 16 j 15:16	3°♋31'30	
evening max el	-5252 Aug 02 j 08:23	24°♋23'25	25°05'10
	-5252 Aug 09 j 13:24	0°♌	
retrograde	-5252 Aug 14 j 02:41	1°♌14'39	
	-5252 Aug 18 j 05:57	30°℞♋	
evening set	-5252 Aug 19 j 21:32	28°♋46'15	
min. Earth dist.	-5252 Aug 24 j 09:48	23°♋38'21	0.66966 AU
inferior conj	-5252 Aug 25 j 07:15	22°♋27'38	-1°-37'-56
minimum elong	-5252 Aug 25 j 09:26	22°♋20'24	1°36'49
asc. node	-5252 Aug 30 j 06:40	16°♋51'13	
morning rise	-5252 Aug 30 j 21:47	16°♋23'28	
direct	-5252 Sep 03 j 09:36	15°♋12'49	
morning max el	-5252 Sep 10 j 22:38	19°♋35'01	19°53'12
greatest brilliancy	-5252 Sep 18 j 17:42	29°♋21'33	-0.6m
	-5252 Sep 19 j 04:35	0°♌	
morning set	-5252 Oct 06 j 13:56	26°♌17'10	
	-5252 Oct 08 j 23:16	0°♍	
desc. node	-5252 Oct 12 j 14:59	5°♍42'42	
max. Earth dist.	-5252 Oct 18 j 17:22	15°♍20'54	1.44029 AU
superior conj	-5252 Oct 23 j 06:09	22°♍37'30	-1°-3'-37
minimum elong	-5252 Oct 22 j 23:46	22°♍11'38	1°02'51
	-5252 Oct 27 j 18:35	0°♎	
evening rise	-5252 Nov 05 j 21:53	15°♎19'07	
	-5252 Nov 14 j 14:38	0°♏	
evening max el	-5252 Nov 24 j 03:53	13°♏25'35	18°17'42
asc. node	-5252 Nov 26 j 05:17	15°♏15'12	
retrograde	-5252 Nov 30 j 17:32	16°♏59'44	
evening set	-5252 Dec 03 j 12:18	16°♏18'53	
inferior conj	-5252 Dec 09 j 18:02	10°♏52'22	3°37'37
minimum elong	-5252 Dec 09 j 15:00	11°♏00'45	3°36'51
min. Earth dist.	-5252 Dec 12 j 01:56	8°♏18'21	0.63575 AU
morning rise	-5252 Dec 15 j 16:07	4°♏53'18	
direct	-5252 Dec 22 j 16:21	2°♏06'23	
morning max el	-5251 Jan 05 j 08:13	9°♏48'30	27°34'27
desc. node	-5251 Jan 08 j 15:15	13°♏17'00	
	-5251 Jan 21 j 05:50	0°♐	
	-5251 Feb 07 j 13:42	0°♑	
morning set	-5251 Feb 08 j 20:09	2°♑30'17	
max. Earth dist.	-5251 Feb 14 j 02:54	13°♑20'10	1.33398 AU
superior conj	-5251 Feb 16 j 14:03	18°♑34'10	0°-54'-52
minimum elong	-5251 Feb 16 j 16:20	18°♑46'24	0°54'45
	-5251 Feb 21 j 21:52	0°♒	
asc. node	-5251 Feb 22 j 04:19	0°♒34'23	
evening rise	-5251 Feb 23 j 18:38	3°♒56'53	
	-5251 Mar 10 j 03:27	0°♓	
evening max el	-5251 Mar 18 j 10:34	10°♓00'33	23°01'59
retrograde	-5251 Mar 31 j 18:02	16°♓32'52	
evening set	-5251 Apr 04 j 04:02	16°♓07'19	
desc. node	-5251 Apr 06 j 14:09	15°♓20'37	
min. Earth dist.	-5251 Apr 11 j 21:11	12°♓40'11	0.55674 AU
inferior conj	-5251 Apr 13 j 09:18	11°♓47'31	-1°-48'-19
minimum elong	-5251 Apr 13 j 04:49	11°♓54'05	1°47'03
morning rise	-5251 Apr 22 j 08:27	7°♓49'19	
direct	-5251 Apr 24 j 19:43	7°♓34'41	
morning max el	-5251 May 05 j 17:33	12°♓40'27	20°32'28
	-5251 May 18 j 01:53	0°♈	
asc. node	-5251 May 21 j 04:10	5°♈50'19	
morning set	-5251 May 24 j 11:34	12°♈27'08	
superior conj	-5251 Jun 01 j 05:07	28°♈20'15	1°32'19
minimum elong	-5251 Jun 01 j 02:28	28°♈06'44	1°32'10
	-5251 Jun 02 j 00:49	0°♉	
max. Earth dist.	-5251 Jun 05 j 21:08	7°♉38'03	1.36069 AU
evening rise	-5251 Jun 10 j 02:38	15°♉40'37	
	-5251 Jun 18 j 05:12	0°♊	
desc. node	-5251 Jul 03 j 12:24	23°♊16'47	
	-5251 Jul 08 j 16:53	0°♋	
evening max el	-5251 Jul 15 j 19:01	7°♋52'57	26°12'51
retrograde	-5251 Jul 28 j 10:01	15°♋05'30	
evening set	-5251 Aug 03 j 19:06	12°♋23'29	
min. Earth dist.	-5251 Aug 07 j 22:56	7°♋54'02	0.66274 AU
inferior conj	-5251 Aug 09 j 08:28	6°♋09'22	-2°-26'-17
minimum elong	-5251 Aug 09 j 11:33	5°♋59'46	2°24'58
morning rise	-5251 Aug 15 j 04:47	0°♋16'15	
	-5251 Aug 15 j 16:37	30°℞♊	
asc. node	-5251 Aug 17 j 03:45	29°♊28'03	
direct	-5251 Aug 18 j 07:42	29°♊20'18	
	-5251 Aug 21 j 00:38	0°♋	
morning max el	-5251 Aug 25 j 05:55	3°♋15'04	18°59'02
	-5251 Sep 12 j 18:50	0°♌	
morning set	-5251 Sep 16 j 03:34	5°♌19'51	
desc. node	-5251 Sep 29 j 11:52	26°♌24'10	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-5251 Oct 01 j 09:31	29°♌24'11	1.44709 AU
	-5251 Oct 01 j 18:36	0°♍	
superior conj	-5251 Oct 02 j 11:19	1°♍05'58	0°-18'-37
minimum elong	-5251 Oct 02 j 08:55	0°♍56'31	0°18'09
evening rise	-5251 Oct 18 j 01:12	25°♍59'42	
	-5251 Oct 20 j 12:26	0°♎	
evening max el	-5251 Nov 07 j 15:49	26°♎50'15	18°45'38
	-5251 Nov 11 j 18:11	0°♏	
asc. node	-5251 Nov 13 j 02:26	0°♏29'01	
retrograde	-5251 Nov 14 j 10:06	0°♏38'42	
evening set	-5251 Nov 17 j 10:14	29°♎47'31	
	-5251 Nov 17 j 00:46	30°℞♎	
inferior conj	-5251 Nov 23 j 08:12	24°♎03'58	3°01'53
minimum elong	-5251 Nov 23 j 04:55	24°♎13'52	3°00'53
min. Earth dist.	-5251 Nov 25 j 01:45	21°♎58'38	0.64999 AU
morning rise	-5251 Nov 28 j 22:29	17°♎56'07	
direct	-5251 Dec 05 j 14:25	15°♎07'08	
morning max el	-5251 Dec 18 j 17:45	22°♎42'21	26°57'32
	-5251 Dec 25 j 06:06	0°♏	
desc. node	-5251 Dec 26 j 12:11	1°♏33'58	
	-5250 Jan 14 j 11:16	0°♐	
morning set	-5250 Jan 23 j 08:54	16°♐11'16	
max. Earth dist.	-5250 Jan 27 j 22:35	25°♐12'42	1.34397 AU
	-5250 Jan 30 j 06:46	0°♑	
superior conj	-5250 Jan 31 j 17:23	2°♑59'49	-1°-16'-34
minimum elong	-5250 Jan 31 j 20:15	3°♑14'46	1°16'28
evening rise	-5250 Feb 08 j 04:36	18°♑41'40	
asc. node	-5250 Feb 09 j 01:21	20°♑28'53	
	-5250 Feb 13 j 20:41	0°♒	
evening max el	-5250 Feb 28 j 08:19	20°♒57'32	21°31'02
retrograde	-5250 Mar 12 j 09:05	26°♒42'57	
evening set	-5250 Mar 15 j 00:06	26°♒27'23	
inferior conj	-5250 Mar 24 j 06:02	22°♒26'47	0°03'38
minimum elong	-5250 Mar 24 j 06:11	22°♒26'34	0°03'22
transit middle	-5250 Mar 24 j 06:11	22°♒26'34	0°03'22
transit begin	-5250 Mar 24 j 02:10	22°♒32'14	
transit end	-5250 Mar 24 j 10:12	22°♒20'54	
desc. node	-5250 Mar 24 j 11:19	22°♒19'20	
min. Earth dist.	-5250 Mar 24 j 11:36	22°♒18'55	0.55217 AU
morning rise	-5250 Apr 02 j 12:13	18°♒22'25	
direct	-5250 Apr 05 j 09:00	18°♒04'16	
morning max el	-5250 Apr 17 j 21:08	24°♒03'22	21°58'42
	-5250 Apr 23 j 04:23	0°♓	
asc. node	-5250 May 08 j 01:08	25°♓35'48	
morning set	-5250 May 08 j 21:02	27°♓18'26	
	-5250 May 10 j 04:03	0°♈	
superior conj	-5250 May 16 j 05:52	12°♈48'35	1°15'14
minimum elong	-5250 May 16 j 03:11	12°♈34'28	1°14'52
max. Earth dist.	-5250 May 19 j 13:07	19°♈38'49	1.34689 AU
evening rise	-5250 May 24 j 08:47	29°♈13'57	
	-5250 May 24 j 18:20	0°♉	
	-5250 Jun 11 j 08:22	0°♊	
desc. node	-5250 Jun 20 j 09:34	12°♊28'18	
evening max el	-5250 Jun 28 j 06:24	21°♊17'31	27°01'43
retrograde	-5250 Jul 11 j 12:07	28°♊40'12	
evening set	-5250 Jul 18 j 08:40	25°♊53'01	
min. Earth dist.	-5250 Jul 22 j 05:08	22°♊02'10	0.65211 AU
inferior conj	-5250 Jul 24 j 04:05	19°♊46'31	-3°-9'-18
minimum elong	-5250 Jul 24 j 07:36	19°♊36'22	3°08'06
morning rise	-5250 Jul 30 j 07:44	14°♊07'45	
direct	-5250 Aug 02 j 04:05	13°♊23'22	
asc. node	-5250 Aug 04 j 00:49	13°♊42'09	
morning max el	-5250 Aug 08 j 17:57	16°♊59'00	18°21'12
	-5250 Aug 18 j 05:45	0°♋	
morning set	-5250 Aug 27 j 19:26	15°♋38'53	
	-5250 Sep 05 j 14:30	0°♌	
superior conj	-5250 Sep 11 j 11:44	9°♌25'04	0°30'20
minimum elong	-5250 Sep 11 j 15:27	9°♌39'50	0°30'06
max. Earth dist.	-5250 Sep 14 j 03:31	13°♌37'46	1.44670 AU
desc. node	-5250 Sep 16 j 08:47	17°♌07'53	
	-5250 Sep 24 j 13:37	0°♍	
evening rise	-5250 Sep 28 j 03:12	5°♍34'43	
greatest brilliancy	-5250 Oct 12 j 23:26	28°♍27'54	-0.7m
	-5250 Oct 14 j 00:35	0°♎	
evening max el	-5250 Oct 22 j 00:27	10°♎17'06	19°30'12
retrograde	-5250 Oct 29 j 06:11	14°♎28'15	
asc. node	-5250 Oct 30 j 23:36	14°♎10'57	
evening set	-5250 Nov 01 j 13:48	13°♎24'05	
inferior conj	-5250 Nov 07 j 05:47	7°♎26'25	2°18'03
minimum elong	-5250 Nov 07 j 02:57	7°♎35'35	2°17'04
min. Earth dist.	-5250 Nov 08 j 09:59	5°♎55'26	0.66079 AU
morning rise	-5250 Nov 12 j 15:20	1°♎12'25	
	-5250 Nov 14 j 05:07	30°℞♍	
direct	-5250 Nov 18 j 18:19	28°♍33'20	
	-5250 Nov 23 j 18:57	0°♎	
morning max el	-5250 Dec 01 j 03:06	5°♎49'52	25°55'04
desc. node	-5250 Dec 13 j 09:05	20°♎38'42	
	-5250 Dec 19 j 21:14	0°♏	
morning set	-5249 Jan 06 j 07:19	29°♏03'25	
	-5249 Jan 06 j 19:34	0°♐	
max. Earth dist.	-5249 Jan 10 j 06:40	6°♐32'22	1.35846 AU
superior conj	-5249 Jan 15 j 13:24	16°♐57'53	-1°-34'-49
minimum elong	-5249 Jan 15 j 16:16	17°♐12'18	1°34'50
	-5249 Jan 21 j 22:08	0°♑	
evening rise	-5249 Jan 23 j 11:09	3°♑09'35	
asc. node	-5249 Jan 26 j 22:24	10°♑06'15	
	-5249 Feb 08 j 08:30	0°♒	
evening max el	-5249 Feb 10 j 15:20	2°♒23'36	20°12'34
retrograde	-5249 Feb 21 j 00:16	7°♒18'02	
evening set	-5249 Feb 23 j 09:23	7°♒03'40	
inferior conj	-5249 Mar 04 j 04:20	3°♒04'27	1°53'46
minimum elong	-5249 Mar 04 j 08:49	2°♒57'44	1°52'08
min. Earth dist.	-5249 Mar 06 j 01:38	1°♒56'46	0.55682 AU
	-5249 Mar 09 j 15:40	30°℞♑	
desc. node	-5249 Mar 11 j 08:28	29°♑15'40	
morning rise	-5249 Mar 13 j 05:42	28°♑38'12	
direct	-5249 Mar 17 j 00:31	28°♑06'49	
	-5249 Mar 24 j 02:55	0°♒	
morning max el	-5249 Mar 30 j 15:38	4°♒51'27	23°36'05
	-5249 Apr 17 j 04:31	0°♓	
morning set	-5249 Apr 23 j 08:49	12°♓19'15	
asc. node	-5249 Apr 24 j 22:06	15°♓35'49	
superior conj	-5249 Apr 30 j 12:19	27°♓35'36	0°54'42
minimum elong	-5249 Apr 30 j 10:07	27°♓23'49	0°54'16
	-5249 May 01 j 15:20	0°♈	
max. Earth dist.	-5249 May 02 j 15:04	2°♈06'01	1.33667 AU
evening rise	-5249 May 08 j 02:35	13°♈23'53	
	-5249 May 16 j 22:58	0°♉	
	-5249 Jun 06 j 12:16	0°♊	
desc. node	-5249 Jun 07 j 06:45	0°♊51'52	
evening max el	-5249 Jun 10 j 17:07	4°♊25'25	27°24'31
retrograde	-5249 Jun 24 j 08:26	11°♊50'49	
evening set	-5249 Jul 01 j 11:09	9°♊10'10	
min. Earth dist.	-5249 Jul 05 j 02:23	5°♊54'05	0.63763 AU
inferior conj	-5249 Jul 07 j 15:34	3°♊14'06	-3°-44'-3
minimum elong	-5249 Jul 07 j 18:45	3°♊05'45	3°43'15
	-5249 Jul 10 j 23:11	30°℞♉	
morning rise	-5249 Jul 14 j 04:09	27°♉52'59	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

direct	-5249 Jul	16 j 20:02	27°♉17'32	
asc. node	-5249 Jul	21 j 21:53	29°♉24'38	
	-5249 Jul	22 j 14:26	0°♊	
morning max el	-5249 Jul	23 j 08:26	0°♊42'40	18°00'51
morning set	-5249 Aug	09 j 13:07	27°♊11'41	
	-5249 Aug	11 j 04:08	0°♋	
superior conj	-5249 Aug	22 j 05:23	18°♋37'08	1°10'49
minimum elong	-5249 Aug	22 j 11:25	19°♋01'54	1°10'27
max. Earth dist.	-5249 Aug	27 j 19:58	27°♋42'36	1.43920 AU
	-5249 Aug	29 j 06:22	0°♌	
desc. node	-5249 Sep	03 j 05:45	7°♌51'02	
evening rise	-5249 Sep	07 j 10:04	14°♌21'08	
	-5249 Sep	17 j 16:22	0°♍	
greatest brilliancy	-5249 Sep	28 j 19:52	16°♍04'21	-0.5m
evening max el	-5249 Oct	05 j 03:48	23°♍43'43	20°29'32
retrograde	-5249 Oct	13 j 03:20	28°♍25'34	
evening set	-5249 Oct	16 j 20:42	27°♍05'36	
asc. node	-5249 Oct	17 j 20:47	26°♍16'43	
inferior conj	-5249 Oct	22 j 08:22	20°♍57'10	1°29'06
minimum elong	-5249 Oct	22 j 06:24	21°♍03'48	1°28'23
min. Earth dist.	-5249 Oct	23 j 00:43	20°♍02'02	0.66819 AU
morning rise	-5249 Oct	27 j 15:37	14°♍39'39	
direct	-5249 Nov	02 j 03:28	12°♍17'55	
morning max el	-5249 Nov	13 j 11:59	19°♍03'32	24°36'07
	-5249 Nov	22 j 19:05	0°♎	
desc. node	-5249 Nov	30 j 06:00	10°♎17'37	
	-5249 Dec	13 j 00:11	0°♏	
morning set	-5249 Dec	19 j 09:55	10°♏52'07	
max. Earth dist.	-5249 Dec	23 j 05:41	17°♏41'50	1.37685 AU
superior conj	-5249 Dec	29 j 22:52	0°♐19'23	-1°-47'-36
minimum elong	-5249 Dec	30 j 00:48	0°♐28'44	1°47'46
	-5249 Dec	29 j 18:52	0°♐	
evening rise	-5248 Jan	07 j 12:11	17°♐14'54	
asc. node	-5248 Jan	13 j 19:29	29°♐20'20	
	-5248 Jan	14 j 04:18	0°♑	
evening max el	-5248 Jan	24 j 08:38	14°♑24'31	19°11'58
retrograde	-5248 Feb	02 j 04:12	18°♑36'45	
evening set	-5248 Feb	04 j 13:48	18°♑19'25	
inferior conj	-5248 Feb	12 j 16:52	14°♑07'16	3°14'21
minimum elong	-5248 Feb	12 j 21:45	13°♑58'57	3°13'03
min. Earth dist.	-5248 Feb	15 j 16:22	12°♑06'06	0.56950 AU
morning rise	-5248 Feb	21 j 02:03	9°♑11'49	
direct	-5248 Feb	26 j 02:49	8°♑13'02	
desc. node	-5248 Feb	26 j 05:36	8°♑13'04	
morning max el	-5248 Mar	11 j 06:33	15°♑27'37	25°12'39
	-5248 Mar	22 j 21:44	0°♒	
morning set	-5248 Apr	06 j 21:08	27°♒22'55	
	-5248 Apr	08 j 02:52	0°♓	
asc. node	-5248 Apr	10 j 19:04	5°♓44'58	
superior conj	-5248 Apr	13 j 22:14	12°♓33'35	0°31'52
minimum elong	-5248 Apr	13 j 20:52	12°♓26'11	0°31'29
max. Earth dist.	-5248 Apr	15 j 00:16	14°♓54'54	1.32993 AU
evening rise	-5248 Apr	21 j 04:25	27°♓58'33	
	-5248 Apr	22 j 04:18	0°♈	
	-5248 May	09 j 06:19	0°♉	
evening max el	-5248 May	23 j 00:39	17°♉03'11	27°16'07
desc. node	-5248 May	24 j 03:57	18°♉06'44	
retrograde	-5248 Jun	05 j 22:23	24°♉27'47	
evening set	-5248 Jun	12 j 22:44	22°♉07'36	
min. Earth dist.	-5248 Jun	16 j 13:44	19°♉16'18	0.61969 AU
inferior conj	-5248 Jun	19 j 15:46	16°♉24'38	-4°-6'-11
minimum elong	-5248 Jun	19 j 17:31	16°♉20'32	4°05'53
morning rise	-5248 Jun	26 j 14:56	11°♉23'54	
direct	-5248 Jun	29 j 04:04	10°♉55'27	
morning max el	-5248 Jul	05 j 22:39	14°♉19'42	17°58'48
asc. node	-5248 Jul	07 j 18:56	16°♉19'40	
	-5248 Jul	16 j 17:14	0°♊	
morning set	-5248 Jul	22 j 03:36	9°♊43'51	
superior conj	-5248 Aug	02 j 02:16	29°♊10'11	1°36'41
minimum elong	-5248 Aug	02 j 06:33	29°♊28'37	1°36'41
	-5248 Aug	02 j 13:51	0°♋	
max. Earth dist.	-5248 Aug	09 j 07:29	11°♋18'19	1.42566 AU
evening rise	-5248 Aug	16 j 15:07	23°♋03'50	
desc. node	-5248 Aug	20 j 02:44	28°♋29'48	
	-5248 Aug	21 j 02:08	0°♌	
	-5248 Sep	10 j 22:05	0°♍	
greatest brilliancy	-5248 Sep	12 j 01:33	1°♍26'53	-0.4m
evening max el	-5248 Sep	17 j 00:44	7°♍08'16	21°41'00
retrograde	-5248 Sep	25 j 23:37	12°♍27'09	
evening set	-5248 Sep	30 j 04:51	10°♍48'57	
asc. node	-5248 Oct	03 j 17:57	7°♍01'24	
inferior conj	-5248 Oct	05 j 13:50	4°♍33'15	0°37'10
minimum elong	-5248 Oct	05 j 12:58	4°♍36'11	0°36'57
min. Earth dist.	-5248 Oct	05 j 19:30	4°♍13'42	0.67242 AU
	-5248 Oct	09 j 02:24	30°℞♌	
morning rise	-5248 Oct	10 j 20:51	28°♌15'11	
direct	-5248 Oct	15 j 17:25	26°♌14'08	
	-5248 Oct	23 j 10:39	0°♍	
morning max el	-5248 Oct	25 j 21:58	2°♍19'37	23°10'21
greatest brilliancy	-5248 Oct	31 j 01:59	8°♍09'21	-0.3m
	-5248 Nov	15 j 21:25	0°♎	
desc. node	-5248 Nov	16 j 02:54	0°♎20'30	
morning set	-5248 Nov	29 j 10:48	21°♎22'52	
max. Earth dist.	-5248 Dec	04 j 02:00	29°♎14'04	1.39725 AU
	-5248 Dec	04 j 12:37	0°♏	
superior conj	-5248 Dec	11 j 17:25	12°♏52'51	-1°-52'-14
minimum elong	-5248 Dec	11 j 17:12	12°♏51'51	1°52'26
	-5248 Dec	20 j 18:24	0°♐	
evening rise	-5248 Dec	21 j 05:02	0°♐51'03	
asc. node	-5248 Dec	30 j 16:34	18°♐03'33	
evening max el	-5247 Jan	06 j 10:55	26°♐57'28	18°31'20
	-5247 Jan	10 j 19:11	0°♑	
retrograde	-5247 Jan	14 j 02:19	0°♑41'40	
evening set	-5247 Jan	16 j 13:53	0°♑19'20	
	-5247 Jan	17 j 12:20	30°℞♐	
inferior conj	-5247 Jan	24 j 01:25	25°♐47'26	3°56'42
minimum elong	-5247 Jan	24 j 03:45	25°♐42'48	3°56'10
min. Earth dist.	-5247 Jan	27 j 10:05	23°♐08'42	0.58743 AU
morning rise	-5247 Jan	31 j 14:11	20°♐26'46	
direct	-5247 Feb	06 j 18:16	18°♐49'39	
desc. node	-5247 Feb	12 j 02:42	19°♐59'50	
morning max el	-5247 Feb	21 j 00:00	26°♐20'20	26°33'10
	-5247 Feb	24 j 11:27	0°♑	
	-5247 Mar	16 j 03:15	0°♒	
morning set	-5247 Mar	22 j 08:17	12°♒23'12	
asc. node	-5247 Mar	28 j 16:01	25°♒58'55	
superior conj	-5247 Mar	29 j 09:49	27°♒36'17	0°07'42
minimum elong	-5247 Mar	29 j 09:29	27°♒34'28	0°07'27
behind sun begin	-5247 Mar	29 j 05:04	27°♒10'14	
behind sun end	-5247 Mar	29 j 13:55	27°♒58'43	
max. Earth dist.	-5247 Mar	29 j 13:15	27°♒55'03	1.32658 AU
	-5247 Mar	30 j 12:07	0°♓	
evening rise	-5247 Apr	05 j 11:36	12°♓48'56	
	-5247 Apr	14 j 07:56	0°♈	
evening max el	-5247 May	05 j 02:53	29°♈02'00	26°35'03
	-5247 May	06 j 03:49	0°♉	
desc. node	-5247 May	11 j 01:07	3°♉44'36	
retrograde	-5247 May	19 j 04:48	6°♉23'07	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening set	-5247 May 25 j 15:27	4°♉36'11	
min. Earth dist.	-5247 May 29 j 16:08	1°♉53'54	0.59957 AU
	-5247 Jun 01 j 00:44	30°♑℞	
inferior conj	-5247 Jun 02 j 01:08	29°♈09'59	-4°-9'-9
minimum elong	-5247 Jun 02 j 00:13	29°♈11'50	4°09'00
morning rise	-5247 Jun 09 j 12:33	24°♈30'57	
direct	-5247 Jun 12 j 00:02	24°♈08'06	
morning max el	-5247 Jun 19 j 09:49	27°♈42'52	18°15'56
	-5247 Jun 21 j 12:51	0°♉	
asc. node	-5247 Jun 24 j 15:57	4°♉12'10	
morning set	-5247 Jul 05 j 09:48	23°♉03'08	
	-5247 Jul 09 j 02:08	0°♊	
superior conj	-5247 Jul 15 j 00:57	11°♊00'47	1°48'15
minimum elong	-5247 Jul 15 j 02:18	11°♊06'57	1°48'30
max. Earth dist.	-5247 Jul 22 j 12:44	24°♊11'43	1.40804 AU
	-5247 Jul 25 j 23:36	0°♋	
evening rise	-5247 Jul 27 j 14:00	2°♋38'07	
desc. node	-5247 Aug 06 j 23:44	19°♋00'35	
	-5247 Aug 14 j 10:59	0°♌	
greatest brilliancy	-5247 Aug 25 j 12:13	14°♌45'58	-0.3m
evening max el	-5247 Aug 30 j 15:50	20°♌32'22	23°00'13
retrograde	-5247 Sep 09 j 17:25	26°♌30'30	
evening set	-5247 Sep 14 j 12:26	24°♌32'28	
inferior conj	-5247 Sep 19 j 20:21	18°♌13'05	0°-15'-55
minimum elong	-5247 Sep 19 j 20:43	18°♌11'51	0°15'35
transit middle	-5247 Sep 19 j 20:43	18°♌11'51	0°15'35
transit begin	-5247 Sep 19 j 19:53	18°♌14'42	
transit end	-5247 Sep 19 j 21:32	18°♌09'00	
min. Earth dist.	-5247 Sep 19 j 15:51	18°♌28'35	0.67372 AU
asc. node	-5247 Sep 20 j 15:07	17°♌08'41	
morning rise	-5247 Sep 25 j 04:58	11°♌57'41	
direct	-5247 Sep 29 j 11:22	10°♌17'35	
morning max el	-5247 Oct 08 j 11:56	15°♌39'30	21°46'23
greatest brilliancy	-5247 Oct 13 j 11:51	21°♌23'21	-0.4m
	-5247 Oct 19 j 23:05	0°♍	
desc. node	-5247 Nov 02 j 23:45	20°♍40'01	
	-5247 Nov 08 j 23:15	0°♎	
morning set	-5247 Nov 09 j 07:17	0°♎31'53	
max. Earth dist.	-5247 Nov 16 j 02:23	11°♎33'33	1.41704 AU
superior conj	-5247 Nov 23 j 15:32	24°♎23'52	-1°-45'-22
minimum elong	-5247 Nov 23 j 12:04	24°♎08'47	1°45'18
	-5247 Nov 26 j 19:43	0°♏	
evening rise	-5247 Dec 04 j 10:19	13°♏49'43	
	-5247 Dec 13 j 12:27	0°♐	
asc. node	-5247 Dec 17 j 13:41	6°♐05'38	
evening max el	-5247 Dec 20 j 19:34	9°♐54'03	18°10'48
retrograde	-5247 Dec 27 j 17:25	13°♐24'39	
evening set	-5247 Dec 30 j 07:14	12°♐56'01	
inferior conj	-5246 Jan 06 j 05:22	8°♐02'06	4°06'27
minimum elong	-5246 Jan 06 j 04:49	8°♐03'21	4°06'09
min. Earth dist.	-5246 Jan 09 j 09:34	5°♐08'53	0.60730 AU
morning rise	-5246 Jan 12 j 23:45	2°♐23'17	
direct	-5246 Jan 19 j 20:46	0°♐09'12	
desc. node	-5246 Jan 29 j 23:45	4°♐19'15	
morning max el	-5246 Feb 02 j 23:09	7°♐47'24	27°24'49
	-5246 Feb 19 j 21:30	0°♑	
morning set	-5246 Mar 06 j 16:21	27°♑12'02	
	-5246 Mar 08 j 00:38	0°♒	
max. Earth dist.	-5246 Mar 13 j 02:16	10°♒52'19	1.32663 AU
superior conj	-5246 Mar 13 j 21:21	12°♒36'23	0°-17'-1
minimum elong	-5246 Mar 13 j 22:07	12°♒40'32	0°17'06
asc. node	-5246 Mar 15 j 12:58	16°♒12'40	
evening rise	-5246 Mar 20 j 21:53	27°♒46'09	
	-5246 Mar 21 j 23:33	0°♓	

	-5246 Apr 08 j 04:19	0°♈	
evening max el	-5246 Apr 16 j 23:10	10°♈20'20	25°25'04
desc. node	-5246 Apr 27 j 22:20	17°♈09'01	
retrograde	-5246 May 01 j 01:17	17°♈32'05	
evening set	-5246 May 06 j 10:49	16°♈23'34	
min. Earth dist.	-5246 May 11 j 11:47	13°♈33'49	0.57968 AU
inferior conj	-5246 May 14 j 16:07	11°♈20'08	-3°-43'-50
minimum elong	-5246 May 14 j 12:01	11°♈27'22	3°43'11
morning rise	-5246 May 22 j 17:21	7°♈01'50	
direct	-5246 May 25 j 03:49	6°♈43'25	
morning max el	-5246 Jun 02 j 14:56	10°♈42'10	18°53'06
asc. node	-5246 Jun 11 j 12:55	22°♈48'21	
	-5246 Jun 15 j 12:34	0°♉	
morning set	-5246 Jun 19 j 03:28	6°♉58'37	
superior conj	-5246 Jun 27 j 19:52	23°♉53'17	1°48'22
minimum elong	-5246 Jun 27 j 18:53	23°♉48'37	1°48'35
	-5246 Jul 01 j 01:55	0°♊	
max. Earth dist.	-5246 Jul 04 j 14:17	6°♊24'09	1.38872 AU
evening rise	-5246 Jul 08 j 15:17	13°♊29'44	
	-5246 Jul 18 j 17:08	0°♋	
desc. node	-5246 Jul 24 j 20:46	9°♋18'55	
	-5246 Aug 09 j 10:16	0°♌	
evening max el	-5246 Aug 13 j 03:25	3°♌59'14	24°21'04
retrograde	-5246 Aug 24 j 07:38	10°♌32'53	
evening set	-5246 Aug 29 j 17:40	8°♌15'07	
min. Earth dist.	-5246 Sep 03 j 11:17	2°♌45'52	0.67205 AU
inferior conj	-5246 Sep 04 j 02:14	1°♌55'28	-1°-8'-31
minimum elong	-5246 Sep 04 j 03:47	1°♌50'12	1°07'38
	-5246 Sep 05 j 13:01	30°♋℞	
asc. node	-5246 Sep 07 j 12:15	27°♋39'02	
morning rise	-5246 Sep 09 j 14:08	25°♋46'10	
direct	-5246 Sep 13 j 08:13	24°♋25'22	
morning max el	-5246 Sep 21 j 08:26	29°♋07'03	20°30'57
	-5246 Sep 22 j 04:32	0°♌	
greatest brilliancy	-5246 Sep 27 j 18:46	6°♌52'22	-0.5m
	-5246 Oct 13 j 14:33	0°♍	
morning set	-5246 Oct 19 j 08:16	8°♍49'53	
desc. node	-5246 Oct 20 j 20:36	11°♍11'11	
max. Earth dist.	-5246 Oct 29 j 10:27	24°♍46'22	1.43341 AU
	-5246 Nov 01 j 15:46	0°♎	
superior conj	-5246 Nov 04 j 11:46	4°♎39'55	-1°-23'-35
minimum elong	-5246 Nov 04 j 05:29	4°♎13'55	1°23'01
evening rise	-5246 Nov 16 j 23:56	26°♎02'41	
	-5246 Nov 19 j 06:08	0°♏	
asc. node	-5246 Dec 04 j 10:49	23°♏14'22	
evening max el	-5246 Dec 04 j 07:42	23°♏06'33	18°09'46
retrograde	-5246 Dec 10 j 21:45	26°♏36'06	
evening set	-5246 Dec 13 j 14:27	26°♏00'01	
inferior conj	-5246 Dec 20 j 01:32	20°♏44'40	3°52'52
minimum elong	-5246 Dec 19 j 23:04	20°♏51'02	3°52'20
min. Earth dist.	-5246 Dec 22 j 17:37	17°♏59'06	0.62618 AU
morning rise	-5246 Dec 26 j 05:49	14°♏52'17	
direct	-5245 Jan 02 j 07:49	12°♏13'11	
morning max el	-5245 Jan 16 j 04:10	19°♏54'22	27°41'07
desc. node	-5245 Jan 16 j 20:46	20°♏35'44	
	-5245 Jan 24 j 21:26	0°♐	
	-5245 Feb 12 j 18:27	0°♑	
morning set	-5245 Feb 18 j 19:11	11°♑42'00	
max. Earth dist.	-5245 Feb 24 j 11:41	23°♑33'59	1.33026 AU
superior conj	-5245 Feb 26 j 07:12	27°♑28'03	0°-41'-22
minimum elong	-5245 Feb 26 j 08:59	27°♑37'42	0°41'19
	-5245 Feb 27 j 11:17	0°♒	
asc. node	-5245 Mar 02 j 09:56	6°♒22'18	
evening rise	-5245 Mar 05 j 09:26	12°♒43'35	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5245 Mar 14 j 05:57	0°♓	
evening max el	-5245 Mar 29 j 15:39	21°♓10'27	23°56'08
retrograde	-5245 Apr 12 j 09:20	28°♓01'22	
desc. node	-5245 Apr 14 j 19:33	27°♓48'10	
evening set	-5245 Apr 16 j 11:57	27°♓24'01	
min. Earth dist.	-5245 Apr 23 j 03:30	24°♓14'06	0.56333 AU
inferior conj	-5245 Apr 25 j 11:00	22°♓48'55	-2°-41'-29
minimum elong	-5245 Apr 25 j 05:29	22°♓57'26	2°40'06
morning rise	-5245 May 04 j 02:44	18°♓46'29	
direct	-5245 May 06 j 13:03	18°♓31'06	
morning max el	-5245 May 16 j 11:18	23°♓08'19	19°50'36
	-5245 May 22 j 06:08	0°♈	
asc. node	-5245 May 29 j 09:51	11°♈57'41	
morning set	-5245 Jun 03 j 05:14	21°♈21'28	
	-5245 Jun 07 j 11:36	0°♉	
superior conj	-5245 Jun 11 j 05:36	7°♉32'32	1°40'01
minimum elong	-5245 Jun 11 j 03:17	7°♉21'03	1°40'00
max. Earth dist.	-5245 Jun 16 j 17:30	18°♉12'41	1.37020 AU
evening rise	-5245 Jun 20 j 17:14	25°♉35'08	
	-5245 Jun 23 j 04:40	0°♊	
desc. node	-5245 Jul 11 j 17:52	29°♊18'25	
	-5245 Jul 12 j 05:44	0°♋	
evening max el	-5245 Jul 26 j 13:55	17°♋28'34	25°35'52
retrograde	-5245 Aug 07 j 17:26	24°♋29'29	
evening set	-5245 Aug 13 j 18:38	21°♋54'35	
min. Earth dist.	-5245 Aug 18 j 03:18	17°♋02'57	0.66715 AU
inferior conj	-5245 Aug 19 j 05:41	15°♋37'49	-1°-58'-58
minimum elong	-5245 Aug 19 j 08:17	15°♋29'23	1°57'43
morning rise	-5245 Aug 24 j 22:29	9°♋37'59	
asc. node	-5245 Aug 25 j 09:22	9°♋21'41	
direct	-5245 Aug 28 j 06:20	8°♋33'49	
morning max el	-5245 Sep 04 j 12:06	12°♋42'55	19°28'19
greatest brilliancy	-5245 Sep 13 j 21:17	24°♋56'04	-0.7m
	-5245 Sep 17 j 06:27	0°♌	
morning set	-5245 Sep 28 j 11:17	17°♌20'00	
	-5245 Oct 06 j 13:33	0°♍	
desc. node	-5245 Oct 07 j 17:27	1°♍49'39	
max. Earth dist.	-5245 Oct 12 j 01:01	8°♍38'22	1.44410 AU
superior conj	-5245 Oct 15 j 04:43	13°♍39'21	0°-45'-49
minimum elong	-5245 Oct 14 j 23:23	13°♍18'05	0°45'03
	-5245 Oct 25 j 06:50	0°♎	
evening rise	-5245 Oct 29 j 17:04	7°♎19'40	
	-5245 Nov 12 j 17:30	0°♏	
evening max el	-5245 Nov 17 j 20:25	6°♏27'41	18°27'23
asc. node	-5245 Nov 21 j 07:59	9°♏14'27	
retrograde	-5245 Nov 24 j 11:02	10°♏06'43	
evening set	-5245 Nov 27 j 07:56	9°♏21'35	
inferior conj	-5245 Dec 03 j 10:06	3°♏47'10	3°23'38
minimum elong	-5245 Dec 03 j 06:52	3°♏56'29	3°22'46
min. Earth dist.	-5245 Dec 05 j 11:42	1°♏24'43	0.64230 AU
	-5245 Dec 06 j 18:49	30°℞♎	
morning rise	-5245 Dec 09 j 04:28	27°♎44'09	
direct	-5245 Dec 16 j 01:52	24°♎55'02	
	-5245 Dec 26 j 17:51	0°♏	
morning max el	-5245 Dec 29 j 12:58	2°♏34'36	27°22'22
desc. node	-5244 Jan 03 j 17:43	8°♏15'43	
	-5244 Jan 19 j 03:48	0°♐	
morning set	-5244 Feb 02 j 14:05	25°♐43'49	
	-5244 Feb 04 j 17:37	0°♑	
max. Earth dist.	-5244 Feb 07 j 13:34	5°♑47'26	1.33777 AU
superior conj	-5244 Feb 10 j 13:30	12°♑04'51	-1°-4'-24
minimum elong	-5244 Feb 10 j 16:05	12°♑18'33	1°04'17
asc. node	-5244 Feb 17 j 06:57	26°♑23'38	
evening rise	-5244 Feb 17 j 20:30	27°♑34'41	
	-5244 Feb 19 j 00:29	0°♒	
	-5244 Mar 08 j 11:37	0°♓	
evening max el	-5244 Mar 10 j 09:35	1°♓56'48	22°22'10
retrograde	-5244 Mar 23 j 05:24	8°♓10'47	
evening set	-5244 Mar 26 j 05:52	7°♓50'42	
desc. node	-5244 Mar 31 j 16:44	5°♓47'22	
min. Earth dist.	-5244 Apr 03 j 17:49	4°♓08'07	0.55369 AU
inferior conj	-5244 Apr 04 j 13:03	3°♓40'48	-1°-2'-40
minimum elong	-5244 Apr 04 j 10:14	3°♓44'49	1°01'55
	-5244 Apr 12 j 10:56	30°℞♒	
morning rise	-5244 Apr 13 j 16:26	29°♒42'35	
direct	-5244 Apr 16 j 06:27	29°♒27'18	
	-5244 Apr 19 j 22:53	0°♓	
morning max el	-5244 Apr 27 j 21:10	4°♓55'03	21°07'24
	-5244 May 14 j 12:14	0°♈	
asc. node	-5244 May 15 j 06:48	1°♈32'09	
morning set	-5244 May 17 j 12:33	6°♈04'44	
superior conj	-5244 May 25 j 01:54	21°♈46'28	1°25'35
minimum elong	-5244 May 24 j 23:09	21°♈32'18	1°25'20
max. Earth dist.	-5244 May 29 j 03:51	0°♉02'45	1.35433 AU
	-5244 May 29 j 03:17	0°♉	
evening rise	-5244 Jun 02 j 14:40	8°♉40'56	
	-5244 Jun 14 j 19:06	0°♊	
desc. node	-5244 Jun 27 j 15:01	18°♊50'52	
	-5244 Jul 07 j 02:01	0°♋	
evening max el	-5244 Jul 08 j 00:50	0°♋56'44	26°36'23
retrograde	-5244 Jul 20 j 22:33	8°♋14'43	
evening set	-5244 Jul 27 j 13:09	5°♋28'58	
min. Earth dist.	-5244 Jul 31 j 13:36	1°♋16'26	0.65869 AU
	-5244 Aug 01 j 14:56	30°℞♊	
inferior conj	-5244 Aug 02 j 04:48	29°♊17'53	-2°-45'-20
minimum elong	-5244 Aug 02 j 08:08	29°♊07'47	2°44'02
morning rise	-5244 Aug 08 j 04:04	23°♊30'47	
direct	-5244 Aug 11 j 03:56	22°♊40'08	
asc. node	-5244 Aug 11 j 06:26	22°♊40'12	
morning max el	-5244 Aug 17 j 21:45	26°♊25'27	18°40'58
	-5244 Aug 20 j 23:43	0°♋	
morning set	-5244 Sep 07 j 11:32	26°♋54'02	
	-5244 Sep 09 j 09:49	0°♌	
superior conj	-5244 Sep 23 j 04:59	21°♌55'25	0°02'29
minimum elong	-5244 Sep 23 j 05:19	21°♌56'47	0°02'38
behind sun begin	-5244 Sep 22 j 18:01	21°♌12'11	
behind sun end	-5244 Sep 23 j 16:38	22°♌41'22	
desc. node	-5244 Sep 23 j 14:22	22°♌32'28	
max. Earth dist.	-5244 Sep 23 j 18:37	22°♌49'14	1.44782 AU
	-5244 Sep 28 j 07:55	0°♍	
evening rise	-5244 Oct 09 j 09:39	17°♍32'29	
	-5244 Oct 17 j 05:31	0°♎	
evening max el	-5244 Oct 31 j 07:10	19°♎53'13	19°02'33
retrograde	-5244 Nov 07 j 05:36	23°♎50'40	
asc. node	-5244 Nov 07 j 05:10	23°♎50'40	
evening set	-5244 Nov 10 j 08:36	22°♎54'18	
inferior conj	-5244 Nov 16 j 03:48	17°♎04'04	2°44'05
minimum elong	-5244 Nov 16 j 00:38	17°♎13'54	2°43'03
min. Earth dist.	-5244 Nov 17 j 15:25	15°♎13'02	0.65501 AU
morning rise	-5244 Nov 21 j 15:43	10°♎53'02	
direct	-5244 Nov 28 j 02:22	8°♎07'16	
morning max el	-5244 Dec 10 j 22:53	15°♎36'27	26°33'34
desc. node	-5244 Dec 20 j 14:39	26°♎54'53	
	-5244 Dec 22 j 21:44	0°♏	
	-5243 Jan 10 j 22:19	0°♐	
morning set	-5243 Jan 15 j 21:24	9°♐05'57	
max. Earth dist.	-5243 Jan 20 j 04:37	17°♐25'45	1.34961 AU
superior conj	-5243 Jan 24 j 14:05	26°♐19'32	-1°-24'-51

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5243 Jan 24 j 17:02	26°♐34'44	1°24'48	
	-5243 Jan 26 j 08:40	0°♑		
evening rise	-5243 Feb 01 j 05:18	12°♑13'01		
asc. node	-5243 Feb 03 j 04:00	16°♑11'28		
	-5243 Feb 10 j 13:39	0°♒		
evening max el	-5243 Feb 20 j 10:50	13°♒04'09	20°55'38	
retrograde	-5243 Mar 03 j 19:26	18°♒28'14		
evening set	-5243 Mar 06 j 06:26	18°♒14'00		
inferior conj	-5243 Mar 15 j 08:43	14°♒15'51	0°52'35	
minimum elong	-5243 Mar 15 j 11:03	14°♒12'30	0°51'34	
min. Earth dist.	-5243 Mar 16 j 08:07	13°♒42'18	0.55297 AU	
desc. node	-5243 Mar 18 j 13:54	12°♒27'40		
morning rise	-5243 Mar 24 j 14:28	10°♒03'45		
direct	-5243 Mar 27 j 18:45	9°♒41'43		
morning max el	-5243 Apr 09 j 20:38	16°♒02'05	22°39'28	
	-5243 Apr 20 j 18:04	0°♓		
morning set	-5243 May 01 j 23:14	21°♓00'48		
asc. node	-5243 May 02 j 03:45	21°♓24'21		
	-5243 May 06 j 05:13	0°♈		
superior conj	-5243 May 09 j 05:25	6°♈23'59	1°06'52	
minimum elong	-5243 May 09 j 02:53	6°♈10'33	1°06'28	
max. Earth dist.	-5243 May 12 j 00:00	12°♈13'18	1.34202 AU	
evening rise	-5243 May 17 j 02:16	22°♈31'15		
	-5243 May 21 j 00:10	0°♉		
	-5243 Jun 08 j 12:26	0°♊		
desc. node	-5243 Jun 14 j 12:12	7°♊43'57		
evening max el	-5243 Jun 20 j 11:55	14°♊14'42	27°14'56	
retrograde	-5243 Jul 03 j 22:27	21°♊40'08		
evening set	-5243 Jul 10 j 22:26	18°♊53'47		
min. Earth dist.	-5243 Jul 14 j 16:09	15°♊18'41	0.64637 AU	
inferior conj	-5243 Jul 16 j 21:16	12°♊51'11	-3°-25'-17	
minimum elong	-5243 Jul 17 j 00:45	12°♊41'30	3°24'14	
morning rise	-5243 Jul 23 j 04:33	7°♊19'46		
direct	-5243 Jul 25 j 22:39	6°♊39'39		
asc. node	-5243 Jul 29 j 03:30	7°♊33'08		
morning max el	-5243 Aug 01 j 11:11	10°♊09'56	18°10'23	
	-5243 Aug 15 j 00:05	0°♋		
morning set	-5243 Aug 19 j 14:45	7°♋45'01		
superior conj	-5243 Sep 02 j 10:33	0°♌30'59	0°49'06	
minimum elong	-5243 Sep 02 j 15:53	0°♌52'23	0°48'42	
	-5243 Sep 02 j 02:51	0°♌		
max. Earth dist.	-5243 Sep 06 j 11:50	6°♌59'15	1.44425 AU	
desc. node	-5243 Sep 10 j 11:20	13°♌16'16		
evening rise	-5243 Sep 19 j 02:00	26°♌42'30		
	-5243 Sep 21 j 04:59	0°♍		
greatest brilliancy	-5243 Oct 06 j 22:38	23°♍43'32	-0.6m	
	-5243 Oct 11 j 15:28	0°♎		
evening max el	-5243 Oct 14 j 13:43	3°♎20'09	19°53'48	
retrograde	-5243 Oct 22 j 02:29	7°♎43'53		
asc. node	-5243 Oct 25 j 02:20	6°♎51'42		
evening set	-5243 Oct 25 j 13:52	6°♎33'31		
inferior conj	-5243 Oct 31 j 03:49	0°♎30'54	1°57'50	
minimum elong	-5243 Oct 31 j 01:18	0°♎39'11	1°56'55	
	-5243 Oct 31 j 13:10	30°℞♍		
min. Earth dist.	-5243 Nov 01 j 02:52	29°♍14'51	0.66427 AU	
morning rise	-5243 Nov 05 j 12:04	24°♍14'48		
direct	-5243 Nov 11 j 08:44	21°♍42'13		
morning max el	-5243 Nov 23 j 08:03	28°♍47'57	25°22'56	
	-5243 Nov 24 j 12:03	0°♎		
desc. node	-5243 Dec 07 j 11:35	16°♎15'59		
	-5243 Dec 16 j 16:54	0°♏		
morning set	-5243 Dec 29 j 12:15	21°♏34'13		
max. Earth dist.	-5242 Jan 02 j 08:04	28°♏36'54	1.36583 AU	
	-5242 Jan 03 j 01:42	0°♐		

superior conj	-5242 Jan 08 j 06:09	10°♐04'02	-1°-41'-4	
minimum elong	-5242 Jan 08 j 08:45	10°♐16'55	1°41'08	
evening rise	-5242 Jan 16 j 09:51	26°♐32'35		
	-5242 Jan 18 j 03:13	0°♑		
asc. node	-5242 Jan 21 j 01:05	5°♑40'10		
evening max el	-5242 Feb 02 j 22:25	24°♑46'08	19°44'27	
retrograde	-5242 Feb 12 j 14:46	29°♑20'50		
evening set	-5242 Feb 14 j 23:31	29°♑05'42		
inferior conj	-5242 Feb 23 j 12:01	25°♑02'41	2°32'30	
minimum elong	-5242 Feb 23 j 17:11	24°♑54'33	2°30'50	
min. Earth dist.	-5242 Feb 25 j 22:42	23°♑30'38	0.56136 AU	
morning rise	-5242 Mar 04 j 07:29	20°♑23'43		
desc. node	-5242 Mar 05 j 11:02	20°♑04'46		
direct	-5242 Mar 08 j 14:42	19°♑42'17		
morning max el	-5242 Mar 22 j 12:56	26°♑42'31	24°17'59	
	-5242 Mar 25 j 16:35	0°♒		
	-5242 Apr 13 j 12:42	0°♓		
morning set	-5242 Apr 16 j 11:27	6°♓03'30		
asc. node	-5242 Apr 19 j 00:43	11°♓28'50		
superior conj	-5242 Apr 23 j 13:36	21°♓16'41	0°45'14	
minimum elong	-5242 Apr 23 j 11:43	21°♓06'34	0°44'49	
max. Earth dist.	-5242 Apr 25 j 05:15	24°♓49'51	1.33340 AU	
	-5242 Apr 27 j 15:43	0°♈		
evening rise	-5242 Apr 30 j 23:54	6°♈53'14		
	-5242 May 13 j 13:20	0°♉		
desc. node	-5242 Jun 01 j 09:22	25°♉41'01		
evening max el	-5242 Jun 02 j 21:36	27°♉11'07	27°24'58	
	-5242 Jun 06 j 02:19	0°♊		
retrograde	-5242 Jun 16 j 16:21	4°♊36'51		
evening set	-5242 Jun 23 j 19:04	2°♊03'22		
	-5242 Jun 26 j 07:26	30°℞♉		
min. Earth dist.	-5242 Jun 27 j 09:24	28°♉59'05	0.63034 AU	
inferior conj	-5242 Jun 30 j 04:20	26°♉12'12	-3°-55'-22	
minimum elong	-5242 Jun 30 j 07:04	26°♉05'22	3°54'47	
morning rise	-5242 Jul 06 j 21:12	20°♉59'18		
direct	-5242 Jul 09 j 11:38	20°♉27'08		
morning max el	-5242 Jul 16 j 01:49	23°♉51'01	17°57'37	
asc. node	-5242 Jul 16 j 00:33	23°♉47'54		
	-5242 Jul 21 j 00:05	0°♊		
morning set	-5242 Aug 01 j 17:54	19°♊44'12		
	-5242 Aug 07 j 14:41	0°♋		
superior conj	-5242 Aug 13 j 15:17	10°♋15'30	1°23'40	
minimum elong	-5242 Aug 13 j 20:55	10°♋39'01	1°23'27	
max. Earth dist.	-5242 Aug 20 j 01:57	20°♋51'27	1.43405 AU	
	-5242 Aug 25 j 19:34	0°♌		
desc. node	-5242 Aug 28 j 08:17	3°♌57'40		
evening rise	-5242 Aug 29 j 05:19	5°♌19'23		
	-5242 Sep 14 j 15:15	0°♍		
greatest brilliancy	-5242 Sep 21 j 23:46	10°♍09'17	-0.5m	
evening max el	-5242 Sep 27 j 14:25	16°♍45'47	20°58'50	
retrograde	-5242 Oct 05 j 23:21	21°♍42'41		
evening set	-5242 Oct 09 j 21:28	20°♍15'23		
asc. node	-5242 Oct 11 j 23:30	18°♍18'56		
inferior conj	-5242 Oct 15 j 07:49	14°♍03'43	1°07'21	
minimum elong	-5242 Oct 15 j 06:18	14°♍08'53	1°06'49	
min. Earth dist.	-5242 Oct 15 j 19:36	13°♍23'30	0.67032 AU	
morning rise	-5242 Oct 20 j 14:43	7°♍45'35		
direct	-5242 Oct 25 j 20:08	5°♍32'08		
morning max el	-5242 Nov 05 j 16:49	12°♍01'28	23°59'57	
	-5242 Nov 20 j 02:46	0°♎		
desc. node	-5242 Nov 24 j 08:28	6°♎05'58		
	-5242 Dec 09 j 12:18	0°♏		
morning set	-5242 Dec 11 j 04:32	2°♏51'01		
max. Earth dist.	-5242 Dec 15 j 04:35	9°♏50'12	1.38540 AU	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5242 Dec 22 j 09:52	23°♏06'51	-1°-50'-46
minimum elong	-5242 Dec 22 j 11:03	23°♏12'27	1°50'58
	-5242 Dec 25 j 23:52	0°♐	
evening rise	-5242 Dec 31 j 07:43	10°♐26'05	
asc. node	-5241 Jan 07 j 22:09	24°♐42'07	
	-5241 Jan 11 j 04:25	0°♑	
evening max el	-5241 Jan 16 j 19:54	7°♑01'53	18°52'15
retrograde	-5241 Jan 25 j 01:54	10°♑59'50	
evening set	-5241 Jan 27 j 12:29	10°♑40'26	
inferior conj	-5241 Feb 04 j 08:46	6°♑20'31	3°36'48
minimum elong	-5241 Feb 04 j 12:45	6°♑13'16	3°35'51
min. Earth dist.	-5241 Feb 07 j 14:17	4°♑00'55	0.57677 AU
morning rise	-5241 Feb 12 j 09:23	1°♑13'49	
	-5241 Feb 17 j 09:30	30°℞♐	
direct	-5241 Feb 17 j 22:59	29°♐59'14	
	-5241 Feb 18 j 12:30	0°♑	
desc. node	-5241 Feb 20 j 08:08	0°♑12'56	
morning max el	-5241 Mar 04 j 04:01	7°♑21'31	25°49'35
	-5241 Mar 20 j 22:28	0°♒	
morning set	-5241 Mar 31 j 23:28	21°♒06'14	
	-5241 Apr 05 j 03:14	0°♓	
asc. node	-5241 Apr 05 j 21:41	1°♓40'20	
superior conj	-5241 Apr 08 j 00:26	6°♓17'14	0°21'44
minimum elong	-5241 Apr 07 j 23:29	6°♓12'06	0°21'24
max. Earth dist.	-5241 Apr 08 j 16:34	7°♓45'13	1.32818 AU
evening rise	-5241 Apr 15 j 04:20	21°♓35'46	
	-5241 Apr 19 j 09:02	0°♈	
	-5241 May 07 j 18:32	0°♉	
evening max el	-5241 May 16 j 03:23	9°♉34'02	27°02'35
desc. node	-5241 May 19 j 06:32	12°♉18'43	
retrograde	-5241 May 30 j 03:07	16°♉56'40	
evening set	-5241 Jun 05 j 23:03	14°♉49'45	
min. Earth dist.	-5241 Jun 09 j 16:52	12°♉04'10	0.61130 AU
inferior conj	-5241 Jun 12 j 22:42	9°♉13'31	-4°-10'-20
minimum elong	-5241 Jun 12 j 23:28	9°♉11'50	4°10'09
morning rise	-5241 Jun 20 j 02:50	4°♉21'34	
direct	-5241 Jun 22 j 15:14	3°♉55'32	
morning max el	-5241 Jun 29 j 15:02	7°♉22'51	18°03'39
asc. node	-5241 Jul 02 j 21:35	11°♉09'05	
	-5241 Jul 14 j 05:19	0°♊	
morning set	-5241 Jul 15 j 15:43	2°♊38'22	
superior conj	-5241 Jul 25 j 23:42	21°♊22'56	1°43'12
minimum elong	-5241 Jul 26 j 02:45	21°♊36'19	1°43'20
	-5241 Jul 30 j 23:19	0°♋	
max. Earth dist.	-5241 Aug 02 j 11:15	4°♋11'59	1.41856 AU
evening rise	-5241 Aug 08 j 16:08	14°♋19'09	
desc. node	-5241 Aug 15 j 05:16	24°♋33'41	
	-5241 Aug 18 j 19:20	0°♌	
greatest brilliancy	-5241 Sep 05 j 15:21	24°♌50'21	-0.3m
	-5241 Sep 10 j 04:43	0°♍	
evening max el	-5241 Sep 10 j 08:49	0°♍10'27	22°14'09
retrograde	-5241 Sep 19 j 18:35	5°♍45'25	
evening set	-5241 Sep 24 j 05:35	3°♍58'49	
	-5241 Sep 27 j 21:06	30°℞♌	
asc. node	-5241 Sep 28 j 20:39	28°♌40'49	
inferior conj	-5241 Sep 29 j 13:55	27°♌41'22	0°14'41
minimum elong	-5241 Sep 29 j 13:34	27°♌42'33	0°14'42
transit middle	-5241 Sep 29 j 13:34	27°♌42'33	0°14'42
transit begin	-5241 Sep 29 j 12:23	27°♌46'39	
transit end	-5241 Sep 29 j 14:46	27°♌38'27	
min. Earth dist.	-5241 Sep 29 j 15:15	27°♌36'48	0.67335 AU
morning rise	-5241 Oct 04 j 21:25	21°♌24'16	
direct	-5241 Oct 09 j 11:52	19°♌32'11	
morning max el	-5241 Oct 19 j 04:02	25°♌18'24	22°34'02
	-5241 Oct 23 j 08:48	0°♍	
greatest brilliancy	-5241 Oct 23 j 21:32	0°♍38'35	-0.3m
desc. node	-5241 Nov 11 j 05:21	26°♍16'44	
	-5241 Nov 13 j 15:47	0°♎	
morning set	-5241 Nov 21 j 17:07	12°♎45'19	
max. Earth dist.	-5241 Nov 27 j 02:23	21°♎42'19	1.40596 AU
	-5241 Dec 01 j 21:35	0°♏	
superior conj	-5241 Dec 04 j 20:26	5°♏15'29	-1°-50'-57
minimum elong	-5241 Dec 04 j 18:56	5°♏08'44	1°51'05
evening rise	-5241 Dec 14 j 20:03	23°♏47'07	
	-5241 Dec 18 j 03:39	0°♐	
asc. node	-5241 Dec 25 j 19:15	13°♐09'00	
evening max el	-5241 Dec 31 j 01:12	19°♐45'31	18°20'07
retrograde	-5240 Jan 07 j 07:43	23°♐22'17	
evening set	-5240 Jan 09 j 20:19	22°♐57'16	
inferior conj	-5240 Jan 17 j 01:49	18°♐15'41	4°04'14
minimum elong	-5240 Jan 17 j 02:51	18°♐13'29	4°03'54
min. Earth dist.	-5240 Jan 20 j 09:43	15°♐28'14	0.59589 AU
morning rise	-5240 Jan 24 j 06:20	12°♐46'42	
direct	-5240 Jan 30 j 19:04	10°♐53'19	
desc. node	-5240 Feb 07 j 05:12	13°♐08'14	
morning max el	-5240 Feb 13 j 23:39	18°♐26'56	26°59'14
	-5240 Feb 23 j 17:16	0°♑	
	-5240 Mar 12 j 10:24	0°♒	
morning set	-5240 Mar 15 j 09:33	6°♒02'27	
superior conj	-5240 Mar 22 j 12:11	21°♒19'15	0°-2'-47
minimum elong	-5240 Mar 22 j 12:19	21°♒19'58	0°02'58
behind sun begin	-5240 Mar 22 j 07:23	20°♒53'01	
behind sun end	-5240 Mar 22 j 17:14	21°♒46'56	
max. Earth dist.	-5240 Mar 22 j 06:14	20°♒46'44	1.32626 AU
asc. node	-5240 Mar 22 j 18:38	21°♒54'36	
	-5240 Mar 26 j 11:46	0°♓	
evening rise	-5240 Mar 29 j 13:05	6°♓29'55	
	-5240 Apr 11 j 00:47	0°♈	
evening max el	-5240 Apr 27 j 03:04	21°♈14'59	26°08'16
desc. node	-5240 May 05 j 03:43	27°♈04'44	
retrograde	-5240 May 11 j 05:16	28°♈32'33	
evening set	-5240 May 17 j 06:44	27°♈01'51	
min. Earth dist.	-5240 May 21 j 15:46	24°♈18'34	0.59095 AU
inferior conj	-5240 May 25 j 00:38	21°♈44'55	-4°-2'-28
minimum elong	-5240 May 24 j 22:20	21°♈49'20	4°02'11
morning rise	-5240 Jun 01 j 17:46	17°♈15'07	
direct	-5240 Jun 04 j 04:57	16°♈54'10	
morning max el	-5240 Jun 11 j 23:58	20°♈36'55	18°29'19
asc. node	-5240 Jun 18 j 18:34	29°♈21'29	
	-5240 Jun 19 j 04:12	0°♉	
morning set	-5240 Jun 28 j 03:17	16°♉14'25	
	-5240 Jul 05 j 08:09	0°♊	
superior conj	-5240 Jul 07 j 07:45	3°♊42'09	1°49'32
minimum elong	-5240 Jul 07 j 08:00	3°♊43'19	1°49'47
max. Earth dist.	-5240 Jul 14 j 14:58	16°♊49'02	1.39988 AU
evening rise	-5240 Jul 19 j 01:58	24°♊25'01	
	-5240 Jul 22 j 11:20	0°♋	
desc. node	-5240 Aug 01 j 02:17	14°♋59'53	
	-5240 Aug 11 j 15:00	0°♌	
evening max el	-5240 Aug 22 j 22:01	13°♌34'55	23°34'46
retrograde	-5240 Sep 02 j 10:57	19°♌48'50	
evening set	-5240 Sep 07 j 12:22	17°♌41'58	
inferior conj	-5240 Sep 12 j 20:21	11°♌22'00	0°-38'-25
minimum elong	-5240 Sep 12 j 21:14	11°♌19'00	0°37'49
min. Earth dist.	-5240 Sep 12 j 11:24	11°♌52'40	0.67341 AU
asc. node	-5240 Sep 14 j 17:48	8°♌50'06	
morning rise	-5240 Sep 18 j 06:11	5°♌09'03	
direct	-5240 Sep 22 j 07:03	3°♌37'39	
morning max el	-5240 Sep 30 j 20:42	8°♌41'32	21°13'00

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

greatest brilliancy	-5240 Oct 06 j 07:53	15°♌04'25	-0.5m
	-5240 Oct 17 j 00:48	0°♍	
desc. node	-5240 Oct 28 j 02:14	16°♍41'41	
morning set	-5240 Oct 31 j 03:19	21°♍26'18	
	-5240 Nov 05 j 12:39	0°♎	
max. Earth dist.	-5240 Nov 08 j 06:15	4°♎26'09	1.42455 AU
superior conj	-5240 Nov 15 j 08:01	16°♎15'07	-1°-38'-6
minimum elong	-5240 Nov 15 j 03:08	15°♎54'18	1°37'50
	-5240 Nov 23 j 04:50	0°♏	
evening rise	-5240 Nov 26 j 19:12	6°♏27'26	
	-5240 Dec 11 j 00:15	0°♐	
asc. node	-5240 Dec 11 j 16:21	0°♐49'57	
evening max el	-5240 Dec 13 j 11:35	2°♐49'15	18°08'01
retrograde	-5240 Dec 20 j 05:12	6°♐18'27	
evening set	-5240 Dec 22 j 20:01	5°♐46'54	
inferior conj	-5240 Dec 29 j 13:08	0°♐43'29	4°03'03
minimum elong	-5240 Dec 29 j 11:38	0°♐47'08	4°02'42
	-5240 Dec 30 j 07:00	30°℞♏	
min. Earth dist.	-5239 Jan 01 j 12:40	27°♏51'09	0.61548 AU
morning rise	-5239 Jan 05 j 00:56	24°♏58'10	
direct	-5239 Jan 12 j 01:12	22°♏31'52	
desc. node	-5239 Jan 24 j 02:15	28°♏22'03	
	-5239 Jan 25 j 20:41	0°♐	
morning max el	-5239 Jan 26 j 01:44	0°♐12'16	27°36'21
	-5239 Feb 16 j 16:05	0°♑	
morning set	-5239 Feb 27 j 15:45	20°♑45'10	
	-5239 Mar 04 j 01:29	0°♒	
max. Earth dist.	-5239 Mar 05 j 18:20	3°♒40'12	1.32769 AU
superior conj	-5239 Mar 06 j 23:14	6°♒17'05	0°-27'-25
minimum elong	-5239 Mar 07 j 00:27	6°♒23'41	0°27'27
asc. node	-5239 Mar 09 j 15:34	12°♒07'21	
evening rise	-5239 Mar 14 j 00:09	21°♒28'32	
	-5239 Mar 18 j 04:23	0°♓	
	-5239 Apr 06 j 14:32	0°♈	
evening max el	-5239 Apr 08 j 21:04	2°♈18'55	24°48'43
desc. node	-5239 Apr 22 j 00:55	9°♈22'47	
retrograde	-5239 Apr 22 j 21:01	9°♈24'26	
evening set	-5239 Apr 27 j 17:41	8°♈30'23	
min. Earth dist.	-5239 May 03 j 09:20	5°♈33'28	0.57210 AU
inferior conj	-5239 May 06 j 07:07	3°♈38'17	-3°-22'-15
minimum elong	-5239 May 06 j 02:02	3°♈46'45	3°21'14
	-5239 May 12 j 20:17	30°℞♓	
morning rise	-5239 May 14 j 14:39	29°♓28'06	
direct	-5239 May 17 j 00:46	29°♓11'18	
	-5239 May 21 j 00:37	0°♈	
morning max el	-5239 May 26 j 01:49	3°♈24'21	19°15'07
asc. node	-5239 Jun 05 j 15:32	18°♈13'14	
	-5239 Jun 11 j 20:10	0°♉	
morning set	-5239 Jun 12 j 00:47	0°♉22'50	
superior conj	-5239 Jun 20 j 09:41	16°♉57'06	1°45'43
minimum elong	-5239 Jun 20 j 08:01	16°♉49'01	1°45'50
max. Earth dist.	-5239 Jun 26 j 16:08	28°♉47'16	1.38061 AU
	-5239 Jun 27 j 08:05	0°♊	
evening rise	-5239 Jun 30 j 14:20	5°♊49'44	
	-5239 Jul 15 j 10:55	0°♋	
desc. node	-5239 Jul 18 j 23:20	5°♋11'08	
evening max el	-5239 Aug 05 j 08:39	27°♋02'13	24°53'58
	-5239 Aug 08 j 15:10	0°♌	
retrograde	-5239 Aug 16 j 23:32	3°♌49'26	
evening set	-5239 Aug 22 j 16:04	1°♌23'42	
	-5239 Aug 24 j 02:30	30°℞♋	
min. Earth dist.	-5239 Aug 27 j 05:42	26°♋10'06	0.67038 AU
inferior conj	-5239 Aug 28 j 01:26	25°♋04'37	-1°-30'-19
minimum elong	-5239 Aug 28 j 03:28	24°♋57'52	1°29'15

asc. node	-5239 Sep 01 j 14:57	19°♋46'19	
morning rise	-5239 Sep 02 j 15:14	18°♋58'56	
direct	-5239 Sep 06 j 04:34	17°♋45'48	
morning max el	-5239 Sep 13 j 20:22	22°♋12'56	20°02'30
	-5239 Sep 20 j 05:36	0°♌	
greatest brilliancy	-5239 Sep 21 j 05:55	1°♌23'36	-0.6m
morning set	-5239 Oct 10 j 02:08	29°♌40'43	
	-5239 Oct 10 j 07:06	0°♍	
desc. node	-5239 Oct 14 j 23:05	7°♍16'19	
max. Earth dist.	-5239 Oct 21 j 16:51	17°♍55'36	1.43868 AU
superior conj	-5239 Oct 26 j 16:14	25°♍56'37	-1°-9'-22
minimum elong	-5239 Oct 26 j 09:42	25°♍30'04	1°08'37
	-5239 Oct 29 j 03:44	0°♎	
evening rise	-5239 Nov 09 j 00:41	18°♎17'28	
	-5239 Nov 15 j 21:14	0°♏	
evening max el	-5239 Nov 27 j 00:15	16°♏05'44	18°15'07
asc. node	-5239 Nov 28 j 13:31	17°♏31'16	
retrograde	-5239 Dec 03 j 13:47	19°♏38'24	
evening set	-5239 Dec 06 j 07:58	18°♏58'51	
inferior conj	-5239 Dec 12 j 15:01	13°♏35'19	3°42'03
minimum elong	-5239 Dec 12 j 12:06	13°♏43'14	3°41'21
min. Earth dist.	-5239 Dec 15 j 01:09	10°♏57'44	0.63333 AU
morning rise	-5239 Dec 18 j 14:34	7°♏37'54	
direct	-5239 Dec 25 j 15:33	4°♏52'23	
morning max el	-5238 Jan 08 j 08:44	12°♏34'44	27°37'19
desc. node	-5238 Jan 10 j 23:16	15°♏17'28	
	-5238 Jan 22 j 09:07	0°♐	
	-5238 Feb 09 j 01:36	0°♑	
morning set	-5238 Feb 11 j 15:37	5°♑04'41	
max. Earth dist.	-5238 Feb 17 j 00:51	16°♑10'34	1.33285 AU
superior conj	-5238 Feb 19 j 07:49	21°♑03'27	0°-51'-21
minimum elong	-5238 Feb 19 j 09:59	21°♑15'03	0°51'16
	-5238 Feb 23 j 11:31	0°♒	
asc. node	-5238 Feb 24 j 12:33	2°♒14'08	
evening rise	-5238 Feb 26 j 11:41	6°♒23'55	
	-5238 Mar 11 j 04:30	0°♓	
evening max el	-5238 Mar 21 j 13:26	13°♓04'29	23°16'05
retrograde	-5238 Apr 04 j 00:08	19°♓42'07	
evening set	-5238 Apr 07 j 14:04	19°♓14'03	
desc. node	-5238 Apr 08 j 22:08	18°♓50'01	
min. Earth dist.	-5238 Apr 15 j 00:34	15°♓51'44	0.55823 AU
inferior conj	-5238 Apr 16 j 18:07	14°♓50'27	-2°-3'-25
minimum elong	-5238 Apr 16 j 13:12	14°♓57'43	2°02'04
morning rise	-5238 Apr 25 j 15:27	10°♓51'26	
direct	-5238 Apr 28 j 02:17	10°♓36'43	
morning max el	-5238 May 08 j 17:58	15°♓34'54	20°20'58
	-5238 May 19 j 09:39	0°♈	
asc. node	-5238 May 23 j 12:29	7°♈34'10	
morning set	-5238 May 27 j 05:12	14°♈55'07	
	-5238 Jun 03 j 14:00	0°♉	
superior conj	-5238 Jun 04 j 00:23	0°♉52'35	1°34'31
minimum elong	-5238 Jun 03 j 21:48	0°♉39'28	1°34'24
max. Earth dist.	-5238 Jun 08 j 21:27	10°♉31'47	1.36308 AU
evening rise	-5238 Jun 13 j 01:18	18°♉23'10	
	-5238 Jun 19 j 14:33	0°♊	
desc. node	-5238 Jul 05 j 20:28	25°♊00'24	
	-5238 Jul 09 j 14:36	0°♋	
evening max el	-5238 Jul 18 j 19:19	10°♋32'20	26°03'50
retrograde	-5238 Jul 31 j 07:36	17°♋42'10	
evening set	-5238 Aug 06 j 14:38	15°♋01'54	
min. Earth dist.	-5238 Aug 10 j 19:45	10°♋26'33	0.66398 AU
inferior conj	-5238 Aug 12 j 03:20	8°♋46'59	-2°-19'-15
minimum elong	-5238 Aug 12 j 06:18	8°♋37'38	2°17'57
morning rise	-5238 Aug 17 j 22:41	2°♋51'55	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5238 Aug 19 j 12:04	2°♋08'54	
direct	-5238 Aug 21 j 02:49	1°♋53'54	
morning max el	-5238 Aug 28 j 02:46	5°♋52'10	19°06'06
	-5238 Sep 14 j 02:06	0°♌	
morning set	-5238 Sep 19 j 12:37	8°♌34'08	
desc. node	-5238 Oct 01 j 19:59	27°♌57'19	
	-5238 Oct 03 j 03:07	0°♍	
max. Earth dist.	-5238 Oct 04 j 08:47	1°♍57'03	1.44656 AU
superior conj	-5238 Oct 06 j 00:03	4°♍32'15	0°-25'-59
minimum elong	-5238 Oct 05 j 20:46	4°♍19'14	0°25'25
evening rise	-5238 Oct 21 j 07:45	29°♍08'00	
	-5238 Oct 21 j 20:30	0°♎	
evening max el	-5238 Nov 10 j 12:32	29°♎29'52	18°40'21
	-5238 Nov 11 j 00:34	0°♏	
asc. node	-5238 Nov 15 j 10:43	2°♏57'50	
retrograde	-5238 Nov 17 j 05:36	3°♏15'26	
evening set	-5238 Nov 20 j 04:51	2°♏25'52	
	-5238 Nov 23 j 06:16	30°℞♎	
inferior conj	-5238 Nov 26 j 03:51	26°♎44'37	3°07'53
minimum elong	-5238 Nov 26 j 00:33	26°♎54'26	3°06'54
min. Earth dist.	-5238 Nov 27 j 23:28	24°♎34'40	0.64815 AU
morning rise	-5238 Dec 01 j 19:06	20°♎38'02	
direct	-5238 Dec 08 j 12:42	17°♎48'35	
morning max el	-5238 Dec 21 j 18:05	25°♎25'02	27°04'48
	-5238 Dec 26 j 00:04	0°♏	
desc. node	-5238 Dec 28 j 20:14	3°♏25'17	
	-5237 Jan 15 j 20:06	0°♐	
morning set	-5237 Jan 26 j 06:03	18°♐50'52	
max. Earth dist.	-5237 Jan 30 j 22:09	28°♐07'43	1.34223 AU
	-5237 Jan 31 j 20:06	0°♑	
superior conj	-5237 Feb 03 j 11:59	5°♑31'47	-1°-13'-29
minimum elong	-5237 Feb 03 j 14:48	5°♑46'30	1°13'22
evening rise	-5237 Feb 10 j 21:59	21°♑10'05	
asc. node	-5237 Feb 11 j 09:35	22°♑10'17	
	-5237 Feb 15 j 06:53	0°♒	
evening max el	-5237 Mar 03 j 10:02	23°♒57'36	21°43'57
retrograde	-5237 Mar 15 j 15:59	29°♒50'29	
evening set	-5237 Mar 18 j 09:04	29°♒34'03	
desc. node	-5237 Mar 26 j 19:19	26°♒00'27	
inferior conj	-5237 Mar 27 j 15:46	25°♒31'43	0°-14'-1
minimum elong	-5237 Mar 27 j 15:06	25°♒32'38	0°13'59
transit middle	-5237 Mar 27 j 15:06	25°♒32'38	0°13'59
transit begin	-5237 Mar 27 j 13:12	25°♒35'20	
transit end	-5237 Mar 27 j 17:01	25°♒29'57	
min. Earth dist.	-5237 Mar 27 j 14:53	25°♒32'58	0.55228 AU
morning rise	-5237 Apr 05 j 21:35	21°♒29'33	
direct	-5237 Apr 08 j 16:18	21°♒12'21	
morning max el	-5237 Apr 20 j 23:03	27°♒03'19	21°44'58
	-5237 Apr 23 j 19:03	0°♓	
asc. node	-5237 May 10 j 09:25	27°♓16'47	
morning set	-5237 May 11 j 14:10	29°♓44'26	
	-5237 May 11 j 17:10	0°♈	
superior conj	-5237 May 19 j 00:03	15°♈17'13	1°18'04
minimum elong	-5237 May 18 j 21:19	15°♈03'00	1°17'45
max. Earth dist.	-5237 May 22 j 12:03	22°♈29'48	1.34872 AU
	-5237 May 26 j 06:38	0°♉	
evening rise	-5237 May 27 j 05:19	1°♉49'40	
	-5237 Jun 12 j 13:33	0°♊	
desc. node	-5237 Jun 22 j 17:37	14°♊17'43	
evening max el	-5237 Jul 01 j 06:40	23°♊58'18	26°55'58
	-5237 Jul 09 j 06:59	0°♋	
retrograde	-5237 Jul 14 j 10:22	1°♋19'44	
	-5237 Jul 19 j 03:48	30°℞♊	
evening set	-5237 Jul 21 j 05:35	28°♊32'38	
min. Earth dist.	-5237 Jul 25 j 03:04	24°♊36'16	0.65394 AU
inferior conj	-5237 Jul 26 j 23:57	22°♊24'58	-3°-3'-15
minimum elong	-5237 Jul 27 j 03:26	22°♊14'46	3°02'01
morning rise	-5237 Aug 02 j 02:24	16°♊43'55	
direct	-5237 Aug 04 j 23:38	15°♊57'57	
asc. node	-5237 Aug 06 j 09:09	16°♊08'36	
morning max el	-5237 Aug 11 j 14:15	19°♊35'41	18°25'47
	-5237 Aug 19 j 10:33	0°♋	
morning set	-5237 Aug 31 j 00:23	18°♋41'31	
	-5237 Sep 06 j 23:18	0°♌	
superior conj	-5237 Sep 14 j 23:38	12°♌48'12	0°23'14
minimum elong	-5237 Sep 15 j 02:34	12°♌59'51	0°23'04
max. Earth dist.	-5237 Sep 17 j 02:58	16°♌11'13	1.44724 AU
desc. node	-5237 Sep 18 j 16:54	18°♌40'53	
	-5237 Sep 25 j 21:43	0°♍	
evening rise	-5237 Oct 01 j 13:28	8°♍52'44	
greatest brilliancy	-5237 Oct 15 j 02:52	29°♍56'34	-0.7m
	-5237 Oct 15 j 03:47	0°♎	
evening max el	-5237 Oct 24 j 21:48	12°♎56'31	19°22'30
retrograde	-5237 Nov 01 j 01:21	17°♎03'47	
asc. node	-5237 Nov 02 j 07:54	16°♎54'25	
evening set	-5237 Nov 04 j 07:45	16°♎01'39	
inferior conj	-5237 Nov 10 j 00:30	10°♎05'45	2°25'05
minimum elong	-5237 Nov 09 j 21:34	10°♎15'09	2°24'04
min. Earth dist.	-5237 Nov 11 j 06:33	8°♎29'38	0.65945 AU
morning rise	-5237 Nov 15 j 10:35	3°♎52'29	
direct	-5237 Nov 21 j 15:37	1°♎11'29	
morning max el	-5237 Dec 04 j 03:36	8°♎31'24	26°05'36
desc. node	-5237 Dec 15 j 17:11	22°♎23'50	
	-5237 Dec 21 j 02:04	0°♏	
	-5236 Jan 08 j 06:49	0°♐	
morning set	-5236 Jan 09 j 06:56	1°♐51'08	
max. Earth dist.	-5236 Jan 13 j 08:06	9°♐32'05	1.35605 AU
superior conj	-5236 Jan 18 j 09:18	19°♐34'21	-1°-32'-23
minimum elong	-5236 Jan 18 j 12:12	19°♐49'07	1°32'22
	-5236 Jan 23 j 11:00	0°♑	
evening rise	-5236 Jan 26 j 05:12	5°♑40'56	
asc. node	-5236 Jan 29 j 06:39	11°♑50'38	
	-5236 Feb 09 j 00:03	0°♒	
evening max el	-5236 Feb 13 j 15:26	5°♒18'14	20°23'09
retrograde	-5236 Feb 24 j 06:30	10°♒20'19	
evening set	-5236 Feb 26 j 15:51	10°♒06'08	
inferior conj	-5236 Mar 06 j 12:53	6°♒07'37	1°38'33
minimum elong	-5236 Mar 06 j 16:56	6°♒01'38	1°37'02
min. Earth dist.	-5236 Mar 08 j 04:50	5°♒08'43	0.55550 AU
desc. node	-5236 Mar 12 j 16:27	2°♒47'57	
morning rise	-5236 Mar 15 j 15:49	1°♒45'31	
direct	-5236 Mar 19 j 06:29	1°♒17'04	
morning max el	-5236 Apr 01 j 18:41	7°♒55'47	23°21'24
	-5236 Apr 17 j 13:43	0°♓	
morning set	-5236 Apr 25 j 01:44	14°♓44'38	
asc. node	-5236 Apr 26 j 06:22	17°♓15'09	
superior conj	-5236 May 02 j 05:48	0°♈02'22	0°57'59
minimum elong	-5236 May 02 j 03:30	29°♓50'04	0°57'34
	-5236 May 02 j 05:22	0°♈	
max. Earth dist.	-5236 May 04 j 12:38	4°♈53'25	1.33791 AU
evening rise	-5236 May 09 j 21:38	15°♈55'09	
	-5236 May 17 j 08:36	0°♉	
	-5236 Jun 06 j 05:02	0°♊	
desc. node	-5236 Jun 08 j 14:46	2°♊49'51	
evening max el	-5236 Jun 12 j 17:31	7°♊09'25	27°22'57
retrograde	-5236 Jun 26 j 07:37	14°♊34'53	
evening set	-5236 Jul 03 j 09:56	11°♊52'12	
min. Earth dist.	-5236 Jul 07 j 01:39	8°♊31'34	0.64006 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

inferior conj	-5236 Jul 09 j 12:48	5°♊54'25	-3°-39'-30
minimum elong	-5236 Jul 09 j 16:06	5°♊45'38	3°38'38
morning rise	-5236 Jul 15 j 23:58	0°♊30'37	
	-5236 Jul 17 j 14:31	30°℞♉	
direct	-5236 Jul 18 j 16:24	29°♉54'01	
	-5236 Jul 19 j 18:15	0°♊	
asc. node	-5236 Jul 23 j 06:11	1°♊38'49	
morning max el	-5236 Jul 25 j 04:33	3°♊20'04	18°02'43
morning set	-5236 Aug 11 j 14:26	0°♋03'53	
	-5236 Aug 11 j 13:32	0°♋	
superior conj	-5236 Aug 24 j 13:41	21°♋49'32	1°05'34
minimum elong	-5236 Aug 24 j 19:41	22°♋14'01	1°05'12
	-5236 Aug 29 j 15:12	0°♌	
max. Earth dist.	-5236 Aug 29 j 19:46	0°♌18'12	1.44074 AU
desc. node	-5236 Sep 04 j 13:51	9°♌24'11	
evening rise	-5236 Sep 09 j 22:16	17°♌43'49	
	-5236 Sep 17 j 22:30	0°♍	
greatest brilliancy	-5236 Sep 30 j 10:53	18°♍17'10	-0.6m
evening max el	-5236 Oct 07 j 01:58	26°♍22'58	20°19'50
	-5236 Oct 11 j 12:25	0°♎	
retrograde	-5236 Oct 14 j 22:32	1°♎00'01	
	-5236 Oct 18 j 03:51	30°℞♍	
evening set	-5236 Oct 18 j 14:16	29°♍42'37	
asc. node	-5236 Oct 19 j 05:04	29°♍14'15	
inferior conj	-5236 Oct 24 j 02:28	23°♍35'27	1°36'45
minimum elong	-5236 Oct 24 j 00:21	23°♍42'33	1°35'59
min. Earth dist.	-5236 Oct 24 j 20:29	22°♍34'58	0.66728 AU
morning rise	-5236 Oct 29 j 09:54	17°♍18'09	
direct	-5236 Nov 04 j 00:00	14°♍53'34	
morning max el	-5236 Nov 15 j 12:35	21°♍44'53	24°48'31
	-5236 Nov 22 j 17:42	0°♎	
desc. node	-5236 Dec 01 j 14:06	11°♎58'25	
	-5236 Dec 13 j 08:41	0°♏	
morning set	-5236 Dec 21 j 12:54	13°♏50'44	
max. Earth dist.	-5236 Dec 25 j 08:09	20°♏41'21	1.37390 AU
	-5236 Dec 30 j 06:58	0°♐	
superior conj	-5236 Dec 31 j 20:34	3°♐02'08	-1°-46'-8
minimum elong	-5236 Dec 31 j 22:43	3°♐12'35	1°46'17
evening rise	-5235 Jan 09 j 07:13	19°♐50'17	
	-5235 Jan 14 j 12:48	0°♑	
asc. node	-5235 Jan 15 j 03:44	1°♑08'57	
evening max el	-5235 Jan 26 j 07:15	17°♑14'15	19°19'44
retrograde	-5235 Feb 04 j 08:02	21°♑32'01	
evening set	-5235 Feb 06 j 17:15	21°♑15'23	
inferior conj	-5235 Feb 14 j 22:47	17°♑05'53	3°04'40
minimum elong	-5235 Feb 15 j 03:50	16°♑57'24	3°03'13
min. Earth dist.	-5235 Feb 17 j 19:30	15°♑11'46	0.56715 AU
morning rise	-5235 Feb 23 j 10:48	12°♑14'31	
desc. node	-5235 Feb 27 j 13:35	11°♑21'55	
direct	-5235 Feb 28 j 06:55	11°♑20'42	
morning max el	-5235 Mar 14 j 09:49	18°♑32'21	24°58'58
	-5235 Mar 23 j 22:23	0°♒	
morning set	-5235 Apr 09 j 14:03	29°♒48'15	
	-5235 Apr 09 j 16:18	0°♓	
asc. node	-5235 Apr 13 j 03:18	7°♓23'11	
superior conj	-5235 Apr 16 j 15:19	14°♓59'15	0°35'27
minimum elong	-5235 Apr 16 j 13:49	14°♓51'06	0°35'03
max. Earth dist.	-5235 Apr 17 j 20:50	17°♓39'04	1.33067 AU
evening rise	-5235 Apr 23 j 22:26	0°♈26'45	
	-5235 Apr 23 j 17:12	0°♈	
	-5235 May 10 j 09:51	0°♉	
evening max el	-5235 May 26 j 01:34	19°♉52'08	27°19'28
desc. node	-5235 May 26 j 11:55	20°♉16'42	
retrograde	-5235 Jun 08 j 22:40	27°♉17'26	
evening set	-5235 Jun 15 j 23:59	24°♉53'14	
min. Earth dist.	-5235 Jun 19 j 14:30	21°♉59'06	0.62254 AU
inferior conj	-5235 Jun 22 j 14:51	19°♉07'58	-4°-3'-59
minimum elong	-5235 Jun 22 j 16:55	19°♉03'05	4°03'35
morning rise	-5235 Jun 29 j 12:21	14°♉04'06	
direct	-5235 Jul 02 j 01:44	13°♉34'48	
morning max el	-5235 Jul 08 j 18:59	16°♉58'39	17°57'53
asc. node	-5235 Jul 10 j 03:12	18°♉23'54	
	-5235 Jul 18 j 00:53	0°♊	
morning set	-5235 Jul 25 j 02:09	12°♊28'03	
	-5235 Aug 04 j 00:01	0°♋	
superior conj	-5235 Aug 05 j 06:24	2°♋10'21	1°33'45
minimum elong	-5235 Aug 05 j 11:05	2°♋30'23	1°33'41
max. Earth dist.	-5235 Aug 12 j 07:47	13°♋58'03	1.42800 AU
evening rise	-5235 Aug 20 j 02:09	26°♋23'13	
desc. node	-5235 Aug 22 j 10:48	0°♌03'50	
	-5235 Aug 22 j 09:49	0°♌	
	-5235 Sep 11 j 21:11	0°♍	
greatest brilliancy	-5235 Sep 14 j 21:24	3°♍54'59	-0.4m
evening max el	-5235 Sep 19 j 23:49	9°♍47'53	21°29'48
retrograde	-5235 Sep 28 j 19:03	15°♍01'11	
evening set	-5235 Oct 02 j 22:20	13°♍25'56	
asc. node	-5235 Oct 06 j 02:13	10°♍09'15	
inferior conj	-5235 Oct 08 j 07:37	7°♍11'08	0°45'09
minimum elong	-5235 Oct 08 j 06:35	7°♍14'41	0°44'51
min. Earth dist.	-5235 Oct 08 j 14:52	6°♍46'11	0.67195 AU
morning rise	-5235 Oct 13 j 14:32	0°♍52'51	
	-5235 Oct 14 j 18:44	30°℞♌	
direct	-5235 Oct 18 j 13:20	28°♌48'31	
	-5235 Oct 22 j 16:44	0°♍	
morning max el	-5235 Oct 28 j 22:11	5°♍00'37	23°23'12
greatest brilliancy	-5235 Nov 03 j 15:21	11°♍29'52	-0.2m
	-5235 Nov 17 j 03:04	0°♎	
desc. node	-5235 Nov 18 j 10:59	1°♎58'27	
morning set	-5235 Dec 02 j 17:57	24°♎34'17	
	-5235 Dec 05 j 22:40	0°♏	
max. Earth dist.	-5235 Dec 07 j 04:08	2°♏07'30	1.39415 AU
superior conj	-5235 Dec 14 j 17:40	15°♏44'01	-1°-52'-12
minimum elong	-5235 Dec 14 j 17:52	15°♏44'55	1°52'25
	-5235 Dec 22 j 05:41	0°♐	
evening rise	-5235 Dec 24 j 01:29	3°♐31'30	
asc. node	-5234 Jan 02 j 00:50	19°♐57'49	
evening max el	-5234 Jan 09 j 08:25	29°♐43'31	18°36'08
	-5234 Jan 09 j 15:22	0°♑	
retrograde	-5234 Jan 17 j 03:15	3°♑30'44	
evening set	-5234 Jan 19 j 14:33	3°♑09'13	
	-5234 Jan 25 j 10:22	30°℞♐	
inferior conj	-5234 Jan 27 j 04:18	28°♐40'39	3°52'32
minimum elong	-5234 Jan 27 j 07:05	28°♐35'14	3°51'55
min. Earth dist.	-5234 Jan 30 j 12:42	26°♐06'03	0.58460 AU
morning rise	-5234 Feb 03 j 20:06	23°♐23'19	
direct	-5234 Feb 09 j 20:47	21°♐51'59	
desc. node	-5234 Feb 14 j 10:42	22°♐43'20	
morning max el	-5234 Feb 24 j 02:29	29°♐20'59	26°22'40
	-5234 Feb 24 j 18:21	0°♑	
	-5234 Mar 17 j 13:20	0°♒	
morning set	-5234 Mar 25 j 01:27	14°♒49'08	
asc. node	-5234 Mar 31 j 00:15	27°♒36'32	
superior conj	-5234 Apr 01 j 02:46	0°♓01'29	0°11'26
minimum elong	-5234 Apr 01 j 02:16	29°♒58'46	0°11'09
behind sun begin	-5234 Mar 31 j 22:42	29°♒39'19	
behind sun end	-5234 Apr 01 j 05:49	0°♓18'13	
	-5234 Apr 01 j 02:29	0°♓	
max. Earth dist.	-5234 Apr 01 j 09:23	0°♓37'39	1.32689 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening rise	-5234 Apr 08	j 04:58	15°♓15'11	
	-5234 Apr 15	j 17:23	0°♈	
	-5234 May 06	j 06:09	0°♉	
evening max el	-5234 May 08	j 04:45	1°♉57'01	26°43'10
desc. node	-5234 May 13	j 09:06	6°♉11'07	
retrograde	-5234 May 22	j 06:21	9°♉18'45	
evening set	-5234 May 28	j 19:41	7°♉26'30	
min. Earth dist.	-5234 Jun 01	j 18:11	4°♉43'48	0.60260 AU
inferior conj	-5234 Jun 05	j 02:38	1°♉57'26	-4°-10'-23
minimum elong	-5234 Jun 05	j 02:11	1°♉58'21	4°10'15
	-5234 Jun 07	j 13:22	30°℞♈	
morning rise	-5234 Jun 12	j 12:06	27°♈15'01	
direct	-5234 Jun 14	j 23:46	26°♈51'24	
	-5234 Jun 21	j 20:24	0°♉	
morning max el	-5234 Jun 22	j 06:43	0°♉24'00	18°12'07
asc. node	-5234 Jun 27	j 00:11	6°♉08'20	
morning set	-5234 Jul 08	j 06:19	25°♉41'06	
	-5234 Jul 10	j 13:28	0°♊	
superior conj	-5234 Jul 18	j 01:31	13°♊50'03	1°47'20
minimum elong	-5234 Jul 18	j 03:19	13°♊58'06	1°47'32
max. Earth dist.	-5234 Jul 25	j 13:57	26°♊58'15	1.41083 AU
	-5234 Jul 27	j 09:09	0°♋	
evening rise	-5234 Jul 30	j 21:31	5°♋47'34	
desc. node	-5234 Aug 09	j 07:47	20°♋36'14	
	-5234 Aug 15	j 15:34	0°♌	
greatest brilliancy	-5234 Aug 28	j 18:02	17°♌42'48	-0.3m
evening max el	-5234 Sep 02	j 15:45	23°♌12'23	22°48'13
retrograde	-5234 Sep 12	j 13:14	29°♌04'30	
evening set	-5234 Sep 17	j 06:05	27°♌09'33	
inferior conj	-5234 Sep 22	j 14:05	20°♌50'38	0°-7'-53
minimum elong	-5234 Sep 22	j 14:16	20°♌50'01	0°07'37
transit middle	-5234 Sep 22	j 14:16	20°♌50'01	0°07'37
transit begin	-5234 Sep 22	j 11:52	20°♌58'16	
transit end	-5234 Sep 22	j 16:39	20°♌41'47	
min. Earth dist.	-5234 Sep 22	j 11:08	21°♌00'50	0.67372 AU
asc. node	-5234 Sep 22	j 23:22	20°♌18'36	
morning rise	-5234 Sep 27	j 22:21	14°♌34'39	
direct	-5234 Oct 02	j 06:49	12°♌51'23	
morning max el	-5234 Oct 11	j 11:16	18°♌19'29	21°58'28
greatest brilliancy	-5234 Oct 16	j 08:25	23°♌53'39	-0.4m
	-5234 Oct 21	j 00:48	0°♍	
desc. node	-5234 Nov 05	j 07:50	22°♍15'53	
	-5234 Nov 10	j 07:23	0°♎	
morning set	-5234 Nov 12	j 18:25	3°♎54'15	
max. Earth dist.	-5234 Nov 19	j 03:38	14°♎19'24	1.41427 AU
superior conj	-5234 Nov 26	j 19:11	27°♎25'20	-1°-47'-19
minimum elong	-5234 Nov 26	j 16:15	27°♎12'24	1°47'19
	-5234 Nov 28	j 06:09	0°♏	
evening rise	-5234 Dec 07	j 08:41	16°♏36'06	
	-5234 Dec 14	j 18:17	0°♐	
asc. node	-5234 Dec 19	j 21:58	8°♐06'57	
evening max el	-5234 Dec 23	j 16:19	12°♐37'14	18°12'37
retrograde	-5234 Dec 30	j 16:01	16°♐08'53	
evening set	-5233 Jan 02	j 05:34	15°♐41'09	
inferior conj	-5233 Jan 09	j 05:32	10°♐50'27	4°06'36
minimum elong	-5233 Jan 09	j 05:22	10°♐50'48	4°06'20
min. Earth dist.	-5233 Jan 12	j 10:59	7°♐58'02	0.60439 AU
morning rise	-5233 Jan 16	j 02:26	5°♐14'07	
direct	-5233 Jan 22	j 21:45	3°♐05'04	
desc. node	-5233 Feb 01	j 07:46	6°♐41'54	
morning max el	-5233 Feb 06	j 00:38	10°♐41'59	27°19'14
	-5233 Feb 21	j 02:03	0°♑	
morning set	-5233 Mar 09	j 10:06	29°♑40'07	
	-5233 Mar 09	j 13:57	0°♒	
max. Earth dist.	-5233 Mar 15	j 22:43	13°♒36'39	1.32645 AU
superior conj	-5233 Mar 16	j 14:25	15°♒02'20	0°-13'-15
minimum elong	-5233 Mar 16	j 15:00	15°♒05'36	0°13'23
behind sun begin	-5233 Mar 16	j 12:20	14°♒50'57	
behind sun end	-5233 Mar 16	j 17:41	15°♒20'15	
asc. node	-5233 Mar 17	j 21:13	17°♒50'42	
evening rise	-5233 Mar 23	j 14:56	0°♓12'02	
	-5233 Mar 23	j 12:39	0°♓	
	-5233 Apr 09	j 03:48	0°♈	
evening max el	-5233 Apr 20	j 02:00	13°♈21'27	25°36'59
desc. node	-5233 Apr 30	j 06:18	19°♈58'20	
retrograde	-5233 May 04	j 04:18	20°♈34'43	
evening set	-5233 May 09	j 18:14	19°♈20'39	
min. Earth dist.	-5233 May 14	j 14:38	16°♈33'01	0.58251 AU
inferior conj	-5233 May 17	j 20:34	14°♈13'40	-3°-49'-56
minimum elong	-5233 May 17	j 16:54	14°♈20'16	3°49'24
morning rise	-5233 May 25	j 19:38	9°♈52'22	
direct	-5233 May 28	j 06:19	9°♈33'18	
morning max el	-5233 Jun 05	j 12:54	13°♈27'29	18°46'19
asc. node	-5233 Jun 13	j 21:09	24°♈38'46	
	-5233 Jun 16	j 22:11	0°♉	
morning set	-5233 Jun 21	j 22:33	9°♉32'13	
superior conj	-5233 Jun 30	j 17:50	26°♉34'43	1°48'58
minimum elong	-5233 Jun 30	j 17:09	26°♉31'28	1°49'12
	-5233 Jul 02	j 13:34	0°♊	
max. Earth dist.	-5233 Jul 07	j 16:09	9°♊17'51	1.39160 AU
evening rise	-5233 Jul 11	j 18:53	16°♊27'45	
	-5233 Jul 20	j 00:46	0°♋	
desc. node	-5233 Jul 27	j 04:49	10°♋57'07	
	-5233 Aug 10	j 04:43	0°♌	
evening max el	-5233 Aug 16	j 03:45	6°♌39'10	24°09'10
retrograde	-5233 Aug 27	j 03:59	13°♌07'40	
evening set	-5233 Sep 01	j 11:48	10°♌52'41	
inferior conj	-5233 Sep 06	j 20:11	4°♌32'57	-1°00'-38
minimum elong	-5233 Sep 06	j 21:34	4°♌28'16	0°59'49
min. Earth dist.	-5233 Sep 06	j 06:49	5°♌18'12	0.67253 AU
asc. node	-5233 Sep 09	j 20:30	0°♌42'05	
	-5233 Sep 10	j 11:56	30°℞♋	
morning rise	-5233 Sep 12	j 07:30	28°♋22'39	
direct	-5233 Sep 16	j 03:18	26°♋59'08	
	-5233 Sep 22	j 09:59	0°♌	
morning max el	-5233 Sep 24	j 06:45	1°♌46'08	20°41'28
greatest brilliancy	-5233 Sep 30	j 10:11	9°♌06'32	-0.5m
	-5233 Oct 14	j 21:07	0°♍	
morning set	-5233 Oct 22	j 21:10	12°♍16'29	
desc. node	-5233 Oct 23	j 04:43	12°♍45'51	
max. Earth dist.	-5233 Nov 01	j 10:50	27°♍25'56	1.43134 AU
	-5233 Nov 03	j 00:48	0°♎	
superior conj	-5233 Nov 07	j 19:32	7°♎53'05	-1°-27'-57
minimum elong	-5233 Nov 07	j 13:32	7°♎28'00	1°27'26
evening rise	-5233 Nov 20	j 00:55	28°♎56'33	
	-5233 Nov 20	j 15:18	0°♏	
asc. node	-5233 Dec 06	j 19:07	25°♏24'32	
evening max el	-5233 Dec 07	j 04:05	25°♏47'35	18°08'41
retrograde	-5233 Dec 13	j 18:44	29°♏16'40	
evening set	-5233 Dec 16	j 10:57	28°♏41'44	
inferior conj	-5233 Dec 22	j 23:30	23°♏29'18	3°56'04
minimum elong	-5233 Dec 22	j 21:16	23°♏35'01	3°55'34
min. Earth dist.	-5233 Dec 25	j 17:34	20°♏41'33	0.62351 AU
morning rise	-5233 Dec 29	j 05:37	17°♏38'39	
direct	-5232 Jan 05	j 07:28	15°♏02'32	
morning max el	-5232 Jan 19	j 04:58	22°♏43'23	27°41'03
desc. node	-5232 Jan 19	j 04:49	22°♏43'00	
	-5232 Jan 25	j 17:19	0°♐	
	-5232 Feb 14	j 04:42	0°♑	
morning set	-5232 Feb 21	j 13:55	14°♑13'42	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-5232 Feb 27 j 09:02	26°♉22'12	1.32949 AU	
superior conj	-5232 Feb 29 j 00:38	29°♉55'50	0°-37'-44	
minimum elong	-5232 Feb 29 j 02:16	0°♒04'44	0°37'42	
	-5232 Feb 29 j 01:24	0°♒		
asc. node	-5232 Mar 03 j 18:13	8°♒01'34		
evening rise	-5232 Mar 07 j 02:26	15°♒10'08		
	-5232 Mar 14 j 14:14	0°♓		
evening max el	-5232 Mar 31 j 18:42	24°♓14'26	24°10'01	
	-5232 Apr 09 j 01:28	0°♈		
retrograde	-5232 Apr 14 j 14:16	1°♈09'38		
desc. node	-5232 Apr 16 j 03:31	1°♈04'10		
evening set	-5232 Apr 18 j 21:38	0°♈28'20		
	-5232 Apr 20 j 05:29	30°℞♓		
min. Earth dist.	-5232 Apr 25 j 06:39	27°♓22'14	0.56541 AU	
inferior conj	-5232 Apr 27 j 18:26	25°♓48'53	-2°-53'-29	
minimum elong	-5232 Apr 27 j 12:54	25°♓57'35	2°52'10	
morning rise	-5232 May 06 j 08:05	21°♓44'53		
direct	-5232 May 08 j 18:21	21°♓29'10		
morning max el	-5232 May 18 j 10:46	25°♓59'29	19°40'49	
	-5232 May 22 j 02:18	0°♈		
asc. node	-5232 May 30 j 18:07	13°♈43'52		
morning set	-5232 Jun 04 j 23:19	23°♈51'45		
	-5232 Jun 08 j 00:22	0°♉		
superior conj	-5232 Jun 13 j 01:43	10°♉08'14	1°41'43	
minimum elong	-5232 Jun 12 j 23:33	9°♉57'30	1°41'45	
max. Earth dist.	-5232 Jun 18 j 18:43	21°♉08'24	1.37280 AU	
evening rise	-5232 Jun 22 j 17:28	28°♉22'58		
	-5232 Jun 23 j 15:12	0°♊		
	-5232 Jul 12 j 09:03	0°♋		
desc. node	-5232 Jul 13 j 01:55	1°♋00'03		
evening max el	-5232 Jul 28 j 14:12	20°♋08'00	25°25'21	
retrograde	-5232 Aug 09 j 14:33	27°♋05'43		
evening set	-5232 Aug 15 j 13:34	24°♋32'56		
min. Earth dist.	-5232 Aug 19 j 23:28	19°♋35'39	0.66811 AU	
inferior conj	-5232 Aug 21 j 00:07	18°♋15'29	-1°-51'-30	
minimum elong	-5232 Aug 21 j 02:35	18°♋07'27	1°50'19	
morning rise	-5232 Aug 26 j 16:06	12°♋14'09		
asc. node	-5232 Aug 26 j 17:37	12°♋11'42		
direct	-5232 Aug 30 j 01:18	11°♋07'48		
morning max el	-5232 Sep 06 j 09:28	15°♋21'13	19°36'44	
greatest brilliancy	-5232 Sep 15 j 02:35	26°♋32'09	-0.7m	
	-5232 Sep 17 j 11:09	0°♌		
morning set	-5232 Sep 30 j 22:26	20°♌41'03		
	-5232 Oct 06 j 21:40	0°♍		
desc. node	-5232 Oct 09 j 01:36	3°♍23'43		
max. Earth dist.	-5232 Oct 14 j 00:34	11°♍13'15	1.44292 AU	
superior conj	-5232 Oct 17 j 16:17	17°♍03'03	0°-52'-25	
minimum elong	-5232 Oct 17 j 10:27	16°♍39'41	0°51'39	
	-5232 Oct 25 j 15:37	0°♎		
evening rise	-5232 Oct 31 j 21:28	10°♎22'59		
	-5232 Nov 12 j 19:21	0°♏		
evening max el	-5232 Nov 19 j 16:52	9°♏07'56	18°23'36	
asc. node	-5232 Nov 22 j 16:16	11°♏36'13		
retrograde	-5232 Nov 26 j 07:01	12°♏45'10		
evening set	-5232 Nov 29 j 03:07	12°♏01'35		
inferior conj	-5232 Dec 05 j 06:29	6°♏29'49	3°28'52	
minimum elong	-5232 Dec 05 j 03:18	6°♏38'51	3°28'01	
min. Earth dist.	-5232 Dec 07 j 10:17	4°♏03'06	0.64006 AU	
morning rise	-5232 Dec 11 j 02:04	0°♏28'04		
	-5232 Dec 11 j 16:28	30°℞♎		
direct	-5232 Dec 18 j 00:33	27°♎39'29		
	-5232 Dec 25 j 00:49	0°♏		
morning max el	-5232 Dec 31 j 13:32	5°♏20'13	27°27'19	
desc. node	-5231 Jan 05 j 01:50	10°♏12'44		
	-5231 Jan 19 j 09:52	0°♐		
morning set	-5231 Feb 04 j 10:17	28°♐21'13		
	-5231 Feb 05 j 06:12	0°♑		
max. Earth dist.	-5231 Feb 09 j 12:22	8°♑41'22	1.33633 AU	
superior conj	-5231 Feb 12 j 07:38	14°♑35'51	-1°-1'-3	
minimum elong	-5231 Feb 12 j 10:07	14°♑49'05	1°00'55	
asc. node	-5231 Feb 18 j 15:15	28°♑04'55		
evening rise	-5231 Feb 19 j 13:43	0°♒03'07		
	-5231 Feb 19 j 13:08	0°♒		
	-5231 Mar 08 j 22:52	0°♓		
evening max el	-5231 Mar 13 j 12:00	5°♓00'02	22°35'58	
retrograde	-5231 Mar 26 j 12:16	11°♓20'57		
evening set	-5231 Mar 29 j 15:47	10°♓59'13		
desc. node	-5231 Apr 03 j 00:43	9°♓25'17		
min. Earth dist.	-5231 Apr 06 j 21:10	7°♓22'21	0.55459 AU	
inferior conj	-5231 Apr 07 j 22:35	6°♓45'59	-1°-19'-30	
minimum elong	-5231 Apr 07 j 19:05	6°♓50'59	1°18'30	
morning rise	-5231 Apr 17 j 00:38	2°♓48'13		
direct	-5231 Apr 19 j 13:29	2°♓33'17		
morning max el	-5231 Apr 30 j 22:22	7°♓53'09	20°54'48	
	-5231 May 15 j 23:05	0°♈		
asc. node	-5231 May 17 j 15:05	3°♈15'18		
morning set	-5231 May 20 j 05:57	8°♈32'29		
superior conj	-5231 May 27 j 20:41	24°♈17'56	1°28'04	
minimum elong	-5231 May 27 j 17:57	24°♈03'56	1°27'52	
	-5231 May 30 j 16:09	0°♉		
max. Earth dist.	-5231 Jun 01 j 03:30	2°♉55'51	1.35649 AU	
evening rise	-5231 Jun 05 j 12:20	11°♉20'52		
	-5231 Jun 16 j 02:59	0°♊		
desc. node	-5231 Jun 29 j 23:01	20°♊37'05		
	-5231 Jul 07 j 14:11	0°♋		
evening max el	-5231 Jul 11 j 00:57	3°♋36'27	26°28'34	
retrograde	-5231 Jul 23 j 20:28	10°♋52'55		
evening set	-5231 Jul 30 j 09:13	8°♋08'12		
min. Earth dist.	-5231 Aug 03 j 10:48	3°♋49'49	0.66018 AU	
inferior conj	-5231 Aug 05 j 00:00	1°♋55'58	-2°-38'-41	
minimum elong	-5231 Aug 05 j 03:16	1°♋45'59	2°37'22	
	-5231 Aug 06 j 14:44	30°℞♊		
morning rise	-5231 Aug 10 j 22:13	26°♊06'44		
direct	-5231 Aug 13 j 23:04	25°♊14'22		
asc. node	-5231 Aug 13 j 14:43	25°♊15'03		
morning max el	-5231 Aug 20 j 18:20	29°♊02'53	18°46'56	
	-5231 Aug 21 j 15:49	0°♋		
morning set	-5231 Sep 10 j 18:45	0°♌03'25		
	-5231 Sep 10 j 17:53	0°♌		
desc. node	-5231 Sep 25 j 22:29	24°♌06'03		
superior conj	-5231 Sep 26 j 17:46	25°♌22'03	0°-5'-3	
minimum elong	-5231 Sep 26 j 17:08	25°♌19'31	0°04'48	
behind sun begin	-5231 Sep 26 j 06:07	24°♌36'06		
behind sun end	-5231 Sep 27 j 04:08	26°♌02'56		
max. Earth dist.	-5231 Sep 26 j 17:40	25°♌21'40	1.44769 AU	
	-5231 Sep 29 j 16:16	0°♍		
evening rise	-5231 Oct 12 j 17:49	20°♍45'32		
	-5231 Oct 18 j 12:09	0°♎		
evening max el	-5231 Nov 03 j 04:04	22°♎33'17	18°56'17	
asc. node	-5231 Nov 09 j 13:26	26°♎26'11		
retrograde	-5231 Nov 10 j 00:57	26°♎27'29		
evening set	-5231 Nov 13 j 02:53	25°♎33'02		
inferior conj	-5231 Nov 18 j 23:00	19°♎45'07	2°50'37	
minimum elong	-5231 Nov 18 j 19:47	19°♎55'01	2°49'35	
min. Earth dist.	-5231 Nov 20 j 12:41	17°♎48'55	0.65332 AU	
morning rise	-5231 Nov 24 j 11:40	13°♎35'04		
direct	-5231 Dec 01 j 00:15	10°♎47'53		
morning max el	-5231 Dec 13 j 23:22	18°♎19'43	26°42'27	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-5231 Dec 22 j 22:47	28°♎44'32	
	-5231 Dec 23 j 21:47	0°♏	
	-5230 Jan 12 j 08:07	0°♐	
morning set	-5230 Jan 18 j 19:34	11°♐50'12	
max. Earth dist.	-5230 Jan 23 j 04:59	20°♐24'09	1.34753 AU
superior conj	-5230 Jan 27 j 09:13	28°♐54'26	-1°-22'00
minimum elong	-5230 Jan 27 j 12:09	29°♐09'38	1°21'55
	-5230 Jan 27 j 21:51	0°♑	
evening rise	-5230 Feb 03 j 22:57	14°♑43'39	
asc. node	-5230 Feb 05 j 12:17	17°♑55'10	
	-5230 Feb 11 j 19:44	0°♒	
evening max el	-5230 Feb 23 j 11:56	16°♒03'20	21°07'44
retrograde	-5230 Mar 07 j 02:27	21°♒34'58	
evening set	-5230 Mar 09 j 14:29	21°♒20'28	
inferior conj	-5230 Mar 18 j 18:17	17°♒21'52	0°35'19
minimum elong	-5230 Mar 18 j 19:53	17°♒19'35	0°34'34
min. Earth dist.	-5230 Mar 19 j 11:34	16°♒57'16	0.55249 AU
desc. node	-5230 Mar 20 j 21:54	16°♒09'06	
morning rise	-5230 Mar 28 j 00:27	13°♒12'43	
direct	-5230 Mar 31 j 01:46	12°♒52'18	
morning max el	-5230 Apr 12 j 23:13	19°♒05'34	22°24'58
	-5230 Apr 21 j 20:29	0°♓	
morning set	-5230 May 04 j 16:13	23°♓26'57	
asc. node	-5230 May 04 j 12:02	23°♓05'14	
	-5230 May 07 j 18:55	0°♈	
superior conj	-5230 May 11 j 23:16	8°♈52'25	1°09'55
minimum elong	-5230 May 11 j 20:40	8°♈38'42	1°09'33
max. Earth dist.	-5230 May 14 j 22:08	15°♈02'34	1.34365 AU
evening rise	-5230 May 19 j 22:06	25°♈05'34	
	-5230 May 22 j 11:28	0°♉	
	-5230 Jun 09 j 14:08	0°♊	
desc. node	-5230 Jun 16 j 20:09	9°♊37'05	
evening max el	-5230 Jun 23 j 12:10	16°♊57'01	27°10'55
retrograde	-5230 Jul 06 j 21:12	24°♊21'47	
evening set	-5230 Jul 13 j 20:05	21°♊34'54	
min. Earth dist.	-5230 Jul 17 j 14:42	17°♊54'20	0.64844 AU
inferior conj	-5230 Jul 19 j 17:38	15°♊30'49	-3°-19'-51
minimum elong	-5230 Jul 19 j 21:09	15°♊20'54	3°18'44
morning rise	-5230 Jul 25 j 23:37	9°♊56'44	
direct	-5230 Jul 28 j 18:25	9°♊15'13	
asc. node	-5230 Jul 31 j 11:47	9°♊54'25	
morning max el	-5230 Aug 04 j 07:19	12°♊47'18	18°13'46
	-5230 Aug 16 j 07:32	0°♋	
morning set	-5230 Aug 22 j 18:01	10°♋43'21	
	-5230 Sep 03 j 11:37	0°♌	
superior conj	-5230 Sep 05 j 21:05	3°♌50'40	0°42'39
minimum elong	-5230 Sep 06 j 01:56	4°♌10'07	0°42'19
max. Earth dist.	-5230 Sep 09 j 11:02	9°♌32'45	1.44523 AU
desc. node	-5230 Sep 12 j 19:23	14°♌49'51	
evening rise	-5230 Sep 22 j 13:20	0°♍03'48	
	-5230 Sep 22 j 12:21	0°♍	
greatest brilliancy	-5230 Oct 09 j 10:15	25°♍44'52	-0.7m
	-5230 Oct 12 j 11:41	0°♎	
evening max el	-5230 Oct 17 j 11:23	6°♎00'21	19°45'15
retrograde	-5230 Oct 24 j 21:34	10°♎19'32	
asc. node	-5230 Oct 27 j 10:35	9°♎41'54	
evening set	-5230 Oct 28 j 07:35	9°♎11'25	
inferior conj	-5230 Nov 02 j 22:12	3°♎10'33	2°05'09
minimum elong	-5230 Nov 02 j 19:34	3°♎19'10	2°04'12
min. Earth dist.	-5230 Nov 03 j 23:03	1°♎49'11	0.66314 AU
	-5230 Nov 05 j 09:31	30°℞♍	
morning rise	-5230 Nov 08 j 06:51	26°♍55'08	
direct	-5230 Nov 14 j 05:47	24°♍20'02	
	-5230 Nov 24 j 19:19	0°♎	
morning max el	-5230 Nov 26 j 08:30	1°♎29'49	25°34'26
desc. node	-5230 Dec 09 j 19:42	18°♎00'13	
	-5230 Dec 17 j 23:26	0°♏	
morning set	-5229 Jan 01 j 13:09	24°♏27'04	
	-5229 Jan 04 j 13:14	0°♐	
max. Earth dist.	-5229 Jan 05 j 09:51	1°♐37'15	1.36320 AU
superior conj	-5229 Jan 11 j 02:42	12°♐43'51	-1°-38'-58
minimum elong	-5229 Jan 11 j 05:25	12°♐57'23	1°39'02
evening rise	-5229 Jan 19 j 04:13	29°♐06'09	
	-5229 Jan 19 j 14:52	0°♑	
asc. node	-5229 Jan 23 j 09:20	7°♑26'57	
evening max el	-5229 Feb 05 j 21:53	27°♑39'32	19°53'51
	-5229 Feb 08 j 19:09	0°♒	
retrograde	-5229 Feb 15 j 19:52	2°♒20'44	
evening set	-5229 Feb 18 j 04:40	2°♒05'56	
	-5229 Feb 23 j 13:14	30°℞♑	
inferior conj	-5229 Feb 26 j 19:31	28°♑04'36	2°19'28
minimum elong	-5229 Feb 27 j 00:31	27°♑56'51	2°17'46
min. Earth dist.	-5229 Mar 01 j 01:55	26°♑40'50	0.55963 AU
morning rise	-5229 Mar 07 j 17:16	23°♑30'09	
desc. node	-5229 Mar 07 j 19:04	23°♑28'49	
direct	-5229 Mar 11 j 20:04	22°♑52'30	
morning max el	-5229 Mar 25 j 16:03	29°♑47'39	24°03'25
	-5229 Mar 25 j 21:12	0°♒	
	-5229 Apr 15 j 00:12	0°♓	
morning set	-5229 Apr 19 j 04:17	8°♓28'55	
asc. node	-5229 Apr 21 j 08:59	13°♓08'01	
superior conj	-5229 Apr 26 j 06:51	23°♓43'08	0°48'40
minimum elong	-5229 Apr 26 j 04:52	23°♓32'23	0°48'14
max. Earth dist.	-5229 Apr 28 j 02:15	27°♓35'49	1.33447 AU
	-5229 Apr 29 j 05:24	0°♈	
evening rise	-5229 May 03 j 18:27	9°♈23'31	
	-5229 May 14 j 20:57	0°♉	
desc. node	-5229 Jun 03 j 17:19	27°♉44'06	
	-5229 Jun 05 j 23:10	0°♊	
evening max el	-5229 Jun 05 j 22:17	29°♉57'53	27°25'30
retrograde	-5229 Jun 19 j 15:54	7°♊23'24	
evening set	-5229 Jun 26 j 18:48	4°♊47'12	
min. Earth dist.	-5229 Jun 30 j 09:21	1°♊38'59	0.63296 AU
	-5229 Jul 02 j 00:37	30°℞♉	
inferior conj	-5229 Jul 03 j 02:17	28°♉54'16	-3°-51'-44
minimum elong	-5229 Jul 03 j 05:12	28°♉46'50	3°51'03
morning rise	-5229 Jul 09 j 17:37	23°♉38'21	
direct	-5229 Jul 12 j 08:32	23°♉05'04	
asc. node	-5229 Jul 18 j 08:49	25°♉57'54	
morning max el	-5229 Jul 18 j 21:55	26°♉29'12	17°58'19
	-5229 Jul 21 j 22:35	0°♊	
morning set	-5229 Aug 04 j 17:57	22°♊33'33	
	-5229 Aug 09 j 00:28	0°♋	
superior conj	-5229 Aug 16 j 21:44	13°♋23'06	1°19'25
minimum elong	-5229 Aug 17 j 03:35	13°♋47'21	1°19'09
max. Earth dist.	-5229 Aug 23 j 02:03	23°♋29'45	1.43598 AU
	-5229 Aug 27 j 03:51	0°♌	
desc. node	-5229 Aug 30 j 16:18	5°♌31'41	
evening rise	-5229 Sep 01 j 17:24	8°♌42'35	
	-5229 Sep 15 j 19:23	0°♍	
greatest brilliancy	-5229 Sep 24 j 16:58	12°♍30'11	-0.5m
evening max el	-5229 Sep 30 j 13:01	19°♍26'13	20°48'24
retrograde	-5229 Oct 08 j 18:31	24°♍17'36	
evening set	-5229 Oct 12 j 14:57	22°♍52'54	
asc. node	-5229 Oct 14 j 07:46	21°♍22'04	
inferior conj	-5229 Oct 18 j 01:43	16°♍42'21	1°15'08
minimum elong	-5229 Oct 18 j 00:03	16°♍48'04	1°14'33
min. Earth dist.	-5229 Oct 18 j 15:05	15°♍56'57	0.66965 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning rise	-5229 Oct 23 j 08:42	10°♍24'27	
direct	-5229 Oct 28 j 16:23	8°♍08'02	
morning max el	-5229 Nov 08 j 17:12	14°♍43'04	24°12'41
	-5229 Nov 21 j 05:09	0°♎	
desc. node	-5229 Nov 26 j 16:35	7°♎46'21	
	-5229 Dec 10 j 21:29	0°♏	
morning set	-5229 Dec 14 j 09:09	5°♏55'14	
max. Earth dist.	-5229 Dec 18 j 07:08	12°♏48'42	1.38238 AU
superior conj	-5229 Dec 25 j 08:32	25°♏53'33	-1°-49'-50
minimum elong	-5229 Dec 25 j 10:00	26°♏00'37	1°50'02
	-5229 Dec 27 j 11:42	0°♐	
evening rise	-5228 Jan 03 j 03:14	13°♐04'00	
asc. node	-5228 Jan 10 j 06:25	26°♐33'31	
	-5228 Jan 12 j 07:01	0°♑	
evening max el	-5228 Jan 19 j 17:58	9°♑50'25	18°58'42
retrograde	-5228 Jan 28 j 04:26	13°♑53'01	
evening set	-5228 Jan 30 j 14:41	13°♑34'21	
inferior conj	-5228 Feb 07 j 13:19	9°♑17'13	3°29'34
minimum elong	-5228 Feb 07 j 17:39	9°♑09'29	3°28'30
min. Earth dist.	-5228 Feb 10 j 17:03	7°♑03'44	0.57413 AU
morning rise	-5228 Feb 15 j 17:00	4°♑14'25	
direct	-5228 Feb 21 j 02:14	3°♑05'35	
desc. node	-5228 Feb 22 j 16:11	3°♑11'35	
morning max el	-5228 Mar 06 j 06:57	10°♑25'16	25°37'07
	-5228 Mar 21 j 04:16	0°♒	
morning set	-5228 Apr 02 j 16:28	23°♒32'30	
	-5228 Apr 05 j 17:13	0°♓	
asc. node	-5228 Apr 07 j 05:55	3°♓18'58	
superior conj	-5228 Apr 09 j 17:25	8°♓43'15	0°25'24
minimum elong	-5228 Apr 09 j 16:20	8°♓37'17	0°25'02
max. Earth dist.	-5228 Apr 10 j 13:01	10°♓29'56	1.32873 AU
evening rise	-5228 Apr 16 j 22:03	24°♓03'54	
	-5228 Apr 19 j 20:41	0°♈	
	-5228 May 07 j 16:26	0°♉	
evening max el	-5228 May 18 j 04:47	12°♉26'38	27°07'59
desc. node	-5228 May 20 j 14:30	14°♉36'05	
retrograde	-5228 Jun 01 j 03:44	19°♉49'47	
evening set	-5228 Jun 08 j 01:32	17°♉37'57	
min. Earth dist.	-5228 Jun 11 j 18:08	14°♉50'46	0.61430 AU
inferior conj	-5228 Jun 14 j 22:47	11°♉59'23	-4°-9'-24
minimum elong	-5228 Jun 14 j 23:55	11°♉56'49	4°09'10
morning rise	-5228 Jun 22 j 01:08	7°♉04'19	
direct	-5228 Jun 24 j 13:48	6°♉37'26	
morning max el	-5228 Jul 01 j 11:33	10°♉03'20	18°01'33
asc. node	-5228 Jul 04 j 05:49	13°♉10'17	
	-5228 Jul 14 j 15:05	0°♊	
morning set	-5228 Jul 17 j 13:22	5°♊20'43	
superior conj	-5228 Jul 28 j 02:15	24°♊19'06	1°41'10
minimum elong	-5228 Jul 28 j 05:45	24°♊34'21	1°41'15
	-5228 Jul 31 j 09:14	0°♋	
max. Earth dist.	-5228 Aug 04 j 12:19	6°♋56'39	1.42116 AU
evening rise	-5228 Aug 11 j 01:54	17°♋35'39	
desc. node	-5228 Aug 16 j 13:16	26°♋08'47	
	-5228 Aug 19 j 01:51	0°♌	
greatest brilliancy	-5228 Sep 07 j 13:32	27°♌25'29	-0.4m
	-5228 Sep 09 j 17:24	0°♍	
evening max el	-5228 Sep 12 j 08:16	2°♍50'40	22°02'25
retrograde	-5228 Sep 21 j 14:08	8°♍19'57	
evening set	-5228 Sep 25 j 23:06	6°♍36'14	
asc. node	-5228 Sep 30 j 04:56	1°♍50'50	
inferior conj	-5228 Oct 01 j 07:38	0°♍19'16	0°22'42
minimum elong	-5228 Oct 01 j 07:07	0°♍21'06	0°22'39
min. Earth dist.	-5228 Oct 01 j 10:27	0°♍09'35	0.67310 AU
	-5228 Oct 01 j 13:13	30°℞♌	
morning rise	-5228 Oct 06 j 14:56	24°♌01'51	
direct	-5228 Oct 11 j 07:29	22°♌06'41	
morning max el	-5228 Oct 21 j 03:57	27°♌59'34	22°46'39
	-5228 Oct 23 j 01:14	0°♍	
greatest brilliancy	-5228 Oct 25 j 22:48	3°♍22'54	-0.3m
desc. node	-5228 Nov 12 j 13:26	27°♍54'09	
	-5228 Nov 13 j 22:37	0°♎	
morning set	-5228 Nov 24 j 02:01	16°♎01'58	
max. Earth dist.	-5228 Nov 29 j 04:21	24°♎33'30	1.40292 AU
	-5228 Dec 02 j 07:53	0°♏	
superior conj	-5228 Dec 06 j 21:58	8°♏10'52	-1°-51'-42
minimum elong	-5228 Dec 06 j 20:57	8°♏06'13	1°51'51
evening rise	-5228 Dec 16 j 17:13	26°♏30'21	
	-5228 Dec 18 j 13:32	0°♐	
asc. node	-5228 Dec 27 j 03:32	15°♐06'30	
evening max el	-5227 Jan 01 j 22:15	22°♐30'23	18°23'40
retrograde	-5227 Jan 09 j 07:43	26°♐09'36	
evening set	-5227 Jan 11 j 19:56	25°♐45'33	
inferior conj	-5227 Jan 19 j 03:28	21°♐07'19	4°02'08
minimum elong	-5227 Jan 19 j 04:58	21°♐04'13	4°01'45
min. Earth dist.	-5227 Jan 22 j 11:50	18°♐22'28	0.59287 AU
morning rise	-5227 Jan 26 j 10:48	15°♐41'04	
direct	-5227 Feb 01 j 20:40	13°♐53'22	
desc. node	-5227 Feb 08 j 13:18	15°♐43'09	
morning max el	-5227 Feb 16 j 01:50	21°♐26'08	26°50'49
	-5227 Feb 23 j 13:52	0°♑	
	-5227 Mar 13 j 22:00	0°♒	
morning set	-5227 Mar 18 j 02:58	8°♒30'21	
superior conj	-5227 Mar 25 j 05:09	23°♒45'37	0°01'00
minimum elong	-5227 Mar 25 j 05:07	23°♒45'25	0°00'47
behind sun begin	-5227 Mar 25 j 00:08	23°♒18'08	
behind sun end	-5227 Mar 25 j 10:06	24°♒12'43	
max. Earth dist.	-5227 Mar 25 j 02:32	23°♒31'19	1.32630 AU
asc. node	-5227 Mar 25 j 02:52	23°♒33'07	
	-5227 Mar 28 j 01:45	0°♓	
evening rise	-5227 Apr 01 j 06:18	8°♓56'49	
	-5227 Apr 12 j 07:10	0°♈	
evening max el	-5227 Apr 30 j 05:17	24°♈13'29	26°18'09
desc. node	-5227 May 07 j 11:44	29°♈41'21	
	-5227 May 08 j 02:33	0°♉	
retrograde	-5227 May 14 j 07:26	1°♉32'31	
	-5227 May 20 j 09:14	30°℞♈	
evening set	-5227 May 20 j 12:25	29°♈56'00	
min. Earth dist.	-5227 May 24 j 18:09	27°♈13'28	0.59396 AU
inferior conj	-5227 May 28 j 03:22	24°♈35'42	-4°-5'-32
minimum elong	-5227 May 28 j 01:34	24°♈39'14	4°05'21
morning rise	-5227 Jun 04 j 18:29	20°♈02'48	
direct	-5227 Jun 07 j 05:47	19°♈41'12	
morning max el	-5227 Jun 14 j 21:21	23°♈20'48	18°24'14
	-5227 Jun 20 j 06:52	0°♉	
asc. node	-5227 Jun 21 j 02:48	1°♉15'41	
morning set	-5227 Jun 30 j 23:09	18°♉51'04	
	-5227 Jul 06 j 19:42	0°♊	
superior conj	-5227 Jul 10 j 07:11	6°♊28'46	1°49'17
minimum elong	-5227 Jul 10 j 07:49	6°♊31'40	1°49'32
max. Earth dist.	-5227 Jul 17 j 16:28	19°♊39'08	1.40276 AU
evening rise	-5227 Jul 22 j 07:48	27°♊30'08	
	-5227 Jul 23 j 20:11	0°♋	
desc. node	-5227 Aug 03 j 10:18	16°♋36'49	
	-5227 Aug 12 j 16:47	0°♌	
evening max el	-5227 Aug 25 j 22:04	16°♌15'01	23°22'41
retrograde	-5227 Sep 05 j 07:05	22°♌23'40	
evening set	-5227 Sep 10 j 06:15	20°♌19'51	
inferior conj	-5227 Sep 15 j 14:10	13°♌59'57	0°-30'-24

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5227 Sep 15 j 14:52	13°♌57'33	0°29'54
min. Earth dist.	-5227 Sep 15 j 06:46	14°♌25'22	0.67356 AU
asc. node	-5227 Sep 17 j 02:04	11°♌58'32	
morning rise	-5227 Sep 20 j 23:33	7°♌46'03	
direct	-5227 Sep 25 j 02:17	6°♌11'43	
morning max el	-5227 Oct 03 j 19:42	11°♌21'53	21°24'28
greatest brilliancy	-5227 Oct 09 j 02:29	17°♌29'28	-0.4m
	-5227 Oct 18 j 05:14	0°♍	
desc. node	-5227 Oct 30 j 10:18	18°♍17'22	
morning set	-5227 Nov 03 j 15:38	24°♍52'18	
	-5227 Nov 06 j 21:08	0°♎	
max. Earth dist.	-5227 Nov 11 j 06:57	7°♎09'00	1.42197 AU
superior conj	-5227 Nov 18 j 13:23	19°♎21'54	-1°-41'-3
minimum elong	-5227 Nov 18 j 08:59	19°♎02'59	1°40'51
	-5227 Nov 24 j 14:57	0°♏	
evening rise	-5227 Nov 29 j 18:38	9°♏17'28	
	-5227 Dec 11 j 20:57	0°♐	
asc. node	-5227 Dec 14 j 00:41	2°♐55'25	
evening max el	-5227 Dec 16 j 08:07	5°♐31'55	18°08'38
retrograde	-5227 Dec 23 j 03:05	9°♐01'27	
evening set	-5227 Dec 25 j 17:31	8°♐30'58	
inferior conj	-5226 Jan 01 j 12:20	3°♐30'55	4°04'40
minimum elong	-5226 Jan 01 j 11:09	3°♐33'44	4°04'20
min. Earth dist.	-5226 Jan 04 j 13:39	0°♐37'45	0.61262 AU
	-5226 Jan 05 j 06:35	30°℞♏	
morning rise	-5226 Jan 08 j 02:21	27°♏47'42	
direct	-5226 Jan 15 j 01:40	25°♏25'23	
	-5226 Jan 25 j 15:34	0°♐	
desc. node	-5226 Jan 26 j 10:21	0°♐38'24	
morning max el	-5226 Jan 29 j 02:59	3°♐05'21	27°33'03
	-5226 Feb 17 j 23:35	0°♑	
morning set	-5226 Mar 02 j 09:53	23°♑15'26	
	-5226 Mar 05 j 15:14	0°♒	
max. Earth dist.	-5226 Mar 08 j 15:03	6°♒26'22	1.32725 AU
superior conj	-5226 Mar 09 j 16:26	8°♒44'25	0°-23'-43
minimum elong	-5226 Mar 09 j 17:29	8°♒50'08	0°23'45
asc. node	-5226 Mar 11 j 23:52	13°♒46'36	
evening rise	-5226 Mar 16 j 17:09	23°♒55'03	
	-5226 Mar 19 j 16:00	0°♓	
	-5226 Apr 07 j 01:33	0°♈	
evening max el	-5226 Apr 12 j 00:01	5°♈22'01	25°01'44
desc. node	-5226 Apr 24 j 08:58	12°♈23'33	
retrograde	-5226 Apr 26 j 01:02	12°♈30'06	
evening set	-5226 May 01 j 02:15	11°♈31'12	
min. Earth dist.	-5226 May 06 j 12:27	8°♈36'58	0.57469 AU
inferior conj	-5226 May 09 j 12:52	6°♈34'55	-3°-30'-47
minimum elong	-5226 May 09 j 08:05	6°♈43'03	3°29'55
morning rise	-5226 May 17 j 18:12	2°♈22'00	
direct	-5226 May 20 j 04:23	2°♈04'42	
morning max el	-5226 May 29 j 00:25	6°♈12'30	19°06'58
asc. node	-5226 Jun 07 j 23:46	20°♈01'52	
	-5226 Jun 13 j 07:43	0°♉	
morning set	-5226 Jun 14 j 19:21	2°♉54'49	
superior conj	-5226 Jun 23 j 06:45	19°♉35'57	1°46'49
minimum elong	-5226 Jun 23 j 05:19	19°♉29'00	1°46'58
	-5226 Jun 28 j 19:20	0°♊	
max. Earth dist.	-5226 Jun 29 j 17:32	1°♊41'14	1.38342 AU
evening rise	-5226 Jul 03 j 16:22	8°♊43'16	
	-5226 Jul 16 j 17:11	0°♋	
desc. node	-5226 Jul 21 j 07:23	6°♋50'43	
evening max el	-5226 Aug 08 j 09:00	29°♋42'08	24°42'40
	-5226 Aug 08 j 16:16	0°♌	
retrograde	-5226 Aug 19 j 20:19	6°♌24'58	
evening set	-5226 Aug 25 j 10:32	4°♌02'00	
	-5226 Aug 29 j 02:03	30°℞♋	
min. Earth dist.	-5226 Aug 30 j 01:33	28°♋42'48	0.67100 AU
inferior conj	-5226 Aug 30 j 19:35	27°♋42'35	-1°-22'-34
minimum elong	-5226 Aug 30 j 21:27	27°♋36'21	1°21'34
asc. node	-5226 Sep 03 j 23:12	22°♋44'42	
morning rise	-5226 Sep 05 j 08:41	21°♋35'31	
direct	-5226 Sep 08 j 23:37	20°♋19'45	
morning max el	-5226 Sep 16 j 18:16	24°♋51'57	20°12'09
	-5226 Sep 21 j 03:51	0°♌	
greatest brilliancy	-5226 Sep 23 j 19:03	3°♌30'01	-0.6m
	-5226 Oct 11 j 14:29	0°♍	
morning set	-5226 Oct 13 j 14:42	3°♍06'26	
desc. node	-5226 Oct 17 j 07:10	8°♍50'49	
max. Earth dist.	-5226 Oct 24 j 16:37	20°♍32'32	1.43696 AU
superior conj	-5226 Oct 30 j 01:50	29°♍15'29	-1°-14'-47
minimum elong	-5226 Oct 29 j 19:18	28°♍48'43	1°14'05
	-5226 Oct 30 j 12:42	0°♎	
evening rise	-5226 Nov 12 j 03:04	21°♎15'37	
	-5226 Nov 17 j 04:40	0°♏	
evening max el	-5226 Nov 29 j 20:40	18°♏47'01	18°12'53
asc. node	-5226 Nov 30 j 21:50	19°♏46'37	
retrograde	-5226 Dec 06 j 10:12	22°♏18'17	
evening set	-5226 Dec 09 j 03:51	21°♏39'59	
inferior conj	-5226 Dec 15 j 12:16	16°♏19'21	3°46'10
minimum elong	-5226 Dec 15 j 09:30	16°♏26'46	3°45'31
min. Earth dist.	-5226 Dec 18 j 00:32	13°♏38'37	0.63090 AU
morning rise	-5226 Dec 21 j 13:23	10°♏23'39	
direct	-5226 Dec 28 j 14:58	7°♏39'58	
morning max el	-5225 Jan 11 j 09:17	15°♏22'07	27°39'21
desc. node	-5225 Jan 13 j 07:21	17°♏20'15	
	-5225 Jan 23 j 10:44	0°♐	
	-5225 Feb 10 j 13:04	0°♑	
morning set	-5225 Feb 14 j 10:52	7°♑38'36	
max. Earth dist.	-5225 Feb 19 j 22:34	19°♑00'18	1.33184 AU
superior conj	-5225 Feb 22 j 01:30	23°♑32'39	0°-47'-50
minimum elong	-5225 Feb 22 j 03:32	23°♑43'35	0°47'44
	-5225 Feb 25 j 01:18	0°♒	
asc. node	-5225 Feb 26 j 20:54	3°♒54'33	
evening rise	-5225 Mar 01 j 04:43	8°♒51'06	
	-5225 Mar 12 j 08:12	0°♓	
evening max el	-5225 Mar 24 j 16:22	16°♓08'52	23°30'10
retrograde	-5225 Apr 07 j 05:52	22°♓51'26	
evening set	-5225 Apr 11 j 00:03	22°♓20'28	
desc. node	-5225 Apr 11 j 06:09	22°♓16'13	
min. Earth dist.	-5225 Apr 18 j 03:54	19°♓02'46	0.55985 AU
inferior conj	-5225 Apr 20 j 02:35	17°♓53'01	-2°-17'-49
minimum elong	-5225 Apr 19 j 21:21	18°♓00'52	2°16'24
morning rise	-5225 Apr 28 j 22:01	13°♓53'00	
direct	-5225 May 01 j 08:33	13°♓38'07	
morning max el	-5225 May 11 j 18:04	18°♓28'49	20°09'55
	-5225 May 20 j 15:18	0°♈	
asc. node	-5225 May 25 j 20:45	9°♈19'09	
morning set	-5225 May 29 j 22:55	17°♈24'13	
	-5225 Jun 05 j 03:01	0°♉	
superior conj	-5225 Jun 06 j 19:49	3°♉26'11	1°36'36
minimum elong	-5225 Jun 06 j 17:19	3°♉13'35	1°36'31
max. Earth dist.	-5225 Jun 11 j 22:04	13°♉27'06	1.36553 AU
evening rise	-5225 Jun 16 j 00:20	21°♉07'35	
	-5225 Jun 21 j 00:06	0°♊	
desc. node	-5225 Jul 08 j 04:29	26°♊43'51	
	-5225 Jul 10 j 14:12	0°♋	
evening max el	-5225 Jul 21 j 19:39	13°♋12'22	25°54'23
retrograde	-5225 Aug 03 j 04:58	20°♋19'09	
evening set	-5225 Aug 09 j 09:59	17°♋40'43	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

min. Earth dist.	-5225 Aug 13 j 16:22	12°♋59'35	0.66518 AU
inferior conj	-5225 Aug 14 j 22:04	11°♋25'08	-2°-12'-5
minimum elong	-5225 Aug 15 j 00:55	11°♋16'04	2°10'49
morning rise	-5225 Aug 20 j 16:29	5°♋28'16	
asc. node	-5225 Aug 21 j 20:17	4°♋52'48	
direct	-5225 Aug 23 j 21:54	4°♋28'07	
morning max el	-5225 Aug 30 j 23:43	8°♋29'57	19°13'32
	-5225 Sep 15 j 08:41	0°♌	
morning set	-5225 Sep 22 j 22:14	11°♌50'47	
desc. node	-5225 Oct 04 j 04:04	29°♌30'58	
	-5225 Oct 04 j 11:26	0°♍	
max. Earth dist.	-5225 Oct 07 j 08:08	4°♍31'03	1.44588 AU
superior conj	-5225 Oct 09 j 12:35	7°♍58'39	0°-33'-13
minimum elong	-5225 Oct 09 j 08:28	7°♍42'19	0°32'35
	-5225 Oct 23 j 04:42	0°♎	
evening rise	-5225 Oct 24 j 13:45	2°♎15'31	
	-5225 Nov 11 j 10:56	0°♏	
evening max el	-5225 Nov 13 j 09:09	2°♏10'06	18°35'25
asc. node	-5225 Nov 17 j 18:58	5°♏25'16	
retrograde	-5225 Nov 20 j 01:10	5°♏53'05	
evening set	-5225 Nov 22 j 23:35	5°♏05'04	
inferior conj	-5225 Nov 28 j 23:38	29°♎26'08	3°13'40
minimum elong	-5225 Nov 28 j 20:21	29°♎35'49	3°12'43
	-5225 Nov 28 j 12:07	30°℞♎	
min. Earth dist.	-5225 Nov 30 j 21:20	27°♎11'42	0.64621 AU
morning rise	-5225 Dec 04 j 15:55	23°♎20'48	
direct	-5225 Dec 11 j 11:00	20°♎31'12	
morning max el	-5225 Dec 24 j 18:25	28°♎08'43	27°11'33
	-5225 Dec 26 j 13:40	0°♏	
desc. node	-5225 Dec 31 j 04:20	5°♏18'27	
	-5224 Jan 17 j 04:11	0°♐	
morning set	-5224 Jan 29 j 02:55	21°♐30'11	
	-5224 Feb 02 j 09:12	0°♑	
max. Earth dist.	-5224 Feb 02 j 21:31	1°♑03'00	1.34056 AU
superior conj	-5224 Feb 06 j 06:27	8°♑03'51	-1°-10'-19
minimum elong	-5224 Feb 06 j 09:12	8°♑18'17	1°10'11
evening rise	-5224 Feb 13 j 15:19	23°♑38'56	
asc. node	-5224 Feb 13 j 17:55	23°♑52'29	
	-5224 Feb 16 j 17:52	0°♒	
evening max el	-5224 Mar 05 j 11:54	26°♒58'50	21°57'07
	-5224 Mar 09 j 04:41	0°♓	
retrograde	-5224 Mar 17 j 22:53	2°♓59'17	
evening set	-5224 Mar 20 j 18:19	2°♓41'45	
	-5224 Mar 27 j 13:45	30°℞♒	
desc. node	-5224 Mar 28 j 03:20	29°♒41'36	
inferior conj	-5224 Mar 30 j 01:29	28°♒37'12	0°-31'-35
minimum elong	-5224 Mar 30 j 00:01	28°♒39'16	0°31'16
min. Earth dist.	-5224 Mar 29 j 18:05	28°♒47'37	0.55255 AU
morning rise	-5224 Apr 08 j 06:39	24°♒36'54	
direct	-5224 Apr 10 j 23:33	24°♒20'31	
	-5224 Apr 22 j 23:21	0°♓	
morning max el	-5224 Apr 23 j 00:46	0°♓03'18	21°31'33
asc. node	-5224 May 11 j 17:42	28°♓59'05	
	-5224 May 12 j 05:42	0°♈	
morning set	-5224 May 13 j 07:21	2°♈11'34	
superior conj	-5224 May 20 j 18:21	17°♈47'12	1°20'51
minimum elong	-5224 May 20 j 15:36	17°♈32'55	1°20'32
max. Earth dist.	-5224 May 24 j 11:13	25°♈22'21	1.35061 AU
	-5224 May 26 j 19:01	0°♉	
evening rise	-5224 May 29 j 02:07	4°♉26'59	
	-5224 Jun 12 j 19:26	0°♊	
desc. node	-5224 Jun 24 j 01:36	16°♊06'43	
evening max el	-5224 Jul 03 j 06:52	26°♊39'17	26°49'34
	-5224 Jul 07 j 02:17	0°♋	
retrograde	-5224 Jul 16 j 08:30	3°♋59'28	
evening set	-5224 Jul 23 j 02:13	1°♋12'36	
	-5224 Jul 24 j 10:13	30°℞♊	
min. Earth dist.	-5224 Jul 27 j 00:43	27°♊10'40	0.65573 AU
inferior conj	-5224 Jul 28 j 19:35	25°♊03'45	-2°-57'-2
minimum elong	-5224 Jul 28 j 23:02	24°♊53'32	2°55'46
morning rise	-5224 Aug 03 j 20:54	19°♊20'32	
direct	-5224 Aug 06 j 19:02	18°♊32'58	
asc. node	-5224 Aug 07 j 17:21	18°♊37'44	
morning max el	-5224 Aug 13 j 10:34	22°♊13'04	18°30'42
	-5224 Aug 19 j 13:22	0°♋	
morning set	-5224 Sep 02 j 05:52	21°♋46'10	
	-5224 Sep 07 j 07:49	0°♌	
superior conj	-5224 Sep 17 j 11:48	16°♌12'44	0°15'58
minimum elong	-5224 Sep 17 j 13:52	16°♌20'55	0°15'55
behind sun begin	-5224 Sep 17 j 11:21	16°♌10'57	
behind sun end	-5224 Sep 17 j 16:24	16°♌30'54	
max. Earth dist.	-5224 Sep 19 j 02:18	18°♌44'43	1.44761 AU
desc. node	-5224 Sep 20 j 00:57	20°♌14'02	
	-5224 Sep 26 j 05:50	0°♍	
evening rise	-5224 Oct 03 j 23:10	12°♍09'43	
	-5224 Oct 15 j 08:10	0°♎	
greatest brilliancy	-5224 Oct 15 j 13:38	0°♎20'58	-0.7m
evening max el	-5224 Oct 26 j 18:58	15°♎36'22	19°15'12
retrograde	-5224 Nov 02 j 20:35	19°♎40'03	
asc. node	-5224 Nov 03 j 16:07	19°♎36'14	
evening set	-5224 Nov 06 j 01:46	18°♎39'57	
inferior conj	-5224 Nov 11 j 19:19	12°♎45'53	2°32'00
minimum elong	-5224 Nov 11 j 16:17	12°♎55'29	2°30'58
min. Earth dist.	-5224 Nov 13 j 03:15	11°♎04'34	0.65794 AU
morning rise	-5224 Nov 17 j 05:58	6°♎33'22	
direct	-5224 Nov 23 j 13:01	3°♎50'35	
morning max el	-5224 Dec 06 j 04:09	11°♎14'00	26°15'52
desc. node	-5224 Dec 17 j 01:17	24°♎10'35	
	-5224 Dec 21 j 05:45	0°♏	
	-5223 Jan 08 j 17:34	0°♐	
morning set	-5223 Jan 11 j 06:11	4°♐38'44	
max. Earth dist.	-5223 Jan 15 j 09:24	12°♐32'55	1.35369 AU
superior conj	-5223 Jan 20 j 04:59	22°♐11'06	-1°-29'-48
minimum elong	-5223 Jan 20 j 07:55	22°♐26'08	1°29'46
	-5223 Jan 23 j 23:55	0°♑	
evening rise	-5223 Jan 27 j 23:09	8°♑12'54	
asc. node	-5223 Jan 30 j 14:57	13°♑35'42	
	-5223 Feb 08 j 21:42	0°♒	
evening max el	-5223 Feb 15 j 15:48	8°♒14'48	20°34'10
retrograde	-5223 Feb 26 j 13:04	13°♒24'37	
evening set	-5223 Feb 28 j 22:47	13°♒10'32	
inferior conj	-5223 Mar 09 j 21:49	9°♒12'24	1°22'39
minimum elong	-5223 Mar 10 j 01:20	9°♒07'16	1°21'16
min. Earth dist.	-5223 Mar 11 j 08:07	8°♒22'23	0.55441 AU
desc. node	-5223 Mar 15 j 00:31	6°♒23'47	
morning rise	-5223 Mar 19 j 02:01	4°♒54'07	
direct	-5223 Mar 22 j 12:46	4°♒28'14	
morning max el	-5223 Apr 04 j 21:42	11°♒00'43	23°06'39
	-5223 Apr 18 j 21:29	0°♓	
morning set	-5223 Apr 27 j 18:38	17°♓10'30	
asc. node	-5223 Apr 28 j 14:40	18°♓55'27	
	-5223 May 03 j 19:18	0°♈	
superior conj	-5223 May 04 j 23:23	2°♈29'50	1°01'14
minimum elong	-5223 May 04 j 20:59	2°♈17'06	1°00'49
max. Earth dist.	-5223 May 07 j 10:18	7°♈41'24	1.33927 AU
evening rise	-5223 May 12 j 16:51	18°♈27'21	
	-5223 May 18 j 18:44	0°♉	
	-5223 Jun 07 j 01:06	0°♊	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-5223 Jun 10 j 22:44	4°♊46'33	
evening max el	-5223 Jun 15 j 17:46	9°♊52'45	27°20'42
retrograde	-5223 Jun 29 j 06:38	17°♊18'21	
evening set	-5223 Jul 06 j 08:22	14°♊33'59	
min. Earth dist.	-5223 Jul 10 j 00:40	11°♊08'32	0.64239 AU
inferior conj	-5223 Jul 12 j 09:45	8°♊34'29	-3°-34'-45
minimum elong	-5223 Jul 12 j 13:08	8°♊25'19	3°33'47
morning rise	-5223 Jul 18 j 19:33	3°♊08'02	
direct	-5223 Jul 21 j 12:30	2°♊30'17	
asc. node	-5223 Jul 25 j 14:25	3°♊54'51	
morning max el	-5223 Jul 28 j 00:38	5°♊57'32	18°04'59
	-5223 Aug 12 j 22:31	0°♋	
morning set	-5223 Aug 14 j 16:11	2°♋57'31	
superior conj	-5223 Aug 27 j 22:32	25°♋03'54	1°00'01
minimum elong	-5223 Aug 28 j 04:24	25°♋27'40	0°59'37
	-5223 Aug 30 j 23:59	0°♌	
max. Earth dist.	-5223 Sep 01 j 19:14	2°♌52'48	1.44212 AU
desc. node	-5223 Sep 06 j 21:50	10°♌57'13	
evening rise	-5223 Sep 13 j 10:15	21°♌06'14	
	-5223 Sep 19 j 05:02	0°♍	
greatest brilliancy	-5223 Oct 03 j 01:09	20°♍27'54	-0.6m
evening max el	-5223 Oct 09 j 23:55	29°♍02'30	20°10'29
	-5223 Oct 10 j 23:10	0°♎	
retrograde	-5223 Oct 17 j 17:43	3°♎34'55	
evening set	-5223 Oct 21 j 07:51	2°♎20'03	
asc. node	-5223 Oct 21 j 13:16	2°♎10'19	
	-5223 Oct 23 j 20:49	30°℞♍	
inferior conj	-5223 Oct 26 j 20:38	26°♍14'20	1°44'20
minimum elong	-5223 Oct 26 j 18:22	26°♍21'53	1°43'31
min. Earth dist.	-5223 Oct 27 j 16:22	25°♍08'25	0.66627 AU
morning rise	-5223 Nov 01 j 04:18	19°♍57'21	
direct	-5223 Nov 06 j 20:40	17°♍29'54	
morning max el	-5223 Nov 18 j 13:11	24°♍26'42	25°00'47
	-5223 Nov 23 j 13:42	0°♎	
desc. node	-5223 Dec 03 j 22:10	13°♎40'14	
	-5223 Dec 14 j 16:38	0°♏	
morning set	-5223 Dec 24 j 15:21	16°♏48'23	
max. Earth dist.	-5223 Dec 28 j 10:27	23°♏41'41	1.37098 AU
	-5223 Dec 31 j 18:52	0°♐	
superior conj	-5222 Jan 03 j 17:58	5°♐44'32	-1°-44'-29
minimum elong	-5222 Jan 03 j 20:18	5°♐55'58	1°44'38
evening rise	-5222 Jan 12 j 02:04	22°♐25'39	
	-5222 Jan 15 j 22:24	0°♑	
asc. node	-5222 Jan 17 j 12:00	2°♑57'38	
evening max el	-5222 Jan 29 j 06:08	20°♑05'38	19°28'00
retrograde	-5222 Feb 07 j 12:18	24°♑29'07	
evening set	-5222 Feb 09 j 21:13	24°♑13'07	
inferior conj	-5222 Feb 18 j 05:12	20°♑06'04	2°53'58
minimum elong	-5222 Feb 18 j 10:23	19°♑57'36	2°52'26
min. Earth dist.	-5222 Feb 20 j 22:47	18°♑19'23	0.56497 AU
morning rise	-5222 Feb 26 j 19:58	15°♑18'55	
desc. node	-5222 Mar 01 j 21:40	14°♑35'28	
direct	-5222 Mar 03 j 11:29	14°♑29'43	
morning max el	-5222 Mar 17 j 13:07	21°♑37'52	24°44'51
	-5222 Mar 24 j 19:43	0°♒	
	-5222 Apr 11 j 05:18	0°♓	
morning set	-5222 Apr 12 j 06:57	2°♓13'38	
asc. node	-5222 Apr 15 j 11:36	9°♓02'03	
superior conj	-5222 Apr 19 j 08:28	17°♓25'14	0°39'00
minimum elong	-5222 Apr 19 j 06:50	17°♓16'21	0°38'35
max. Earth dist.	-5222 Apr 20 j 17:26	20°♓23'19	1.33155 AU
	-5222 Apr 25 j 06:24	0°♈	
evening rise	-5222 Apr 26 j 16:37	2°♈55'31	
	-5222 May 11 j 14:50	0°♉	

desc. node	-5222 May 28 j 19:56	22°♉24'40	
evening max el	-5222 May 29 j 02:25	22°♉40'18	27°22'04
	-5222 Jun 10 j 11:34	0°♊	
retrograde	-5222 Jun 11 j 22:51	0°♊06'02	
	-5222 Jun 13 j 09:33	30°℞♉	
evening set	-5222 Jun 19 j 00:50	27°♉38'15	
min. Earth dist.	-5222 Jun 22 j 15:05	24°♉40'51	0.62531 AU
inferior conj	-5222 Jun 25 j 13:38	21°♉50'47	-4°-1'-21
minimum elong	-5222 Jun 25 j 15:57	21°♉45'09	4°00'53
morning rise	-5222 Jul 02 j 09:29	16°♉43'45	
direct	-5222 Jul 04 j 23:10	16°♉13'31	
morning max el	-5222 Jul 11 j 15:13	19°♉37'17	17°57'24
asc. node	-5222 Jul 12 j 11:27	20°♉29'30	
	-5222 Jul 19 j 07:03	0°♊	
morning set	-5222 Jul 28 j 01:05	15°♊13'35	
	-5222 Aug 05 j 10:09	0°♋	
superior conj	-5222 Aug 08 j 11:09	5°♋12'30	1°30'28
minimum elong	-5222 Aug 08 j 16:12	5°♋33'58	1°30'20
max. Earth dist.	-5222 Aug 15 j 07:59	16°♋37'12	1.43022 AU
evening rise	-5222 Aug 23 j 13:35	29°♋44'02	
	-5222 Aug 23 j 17:40	0°♌	
desc. node	-5222 Aug 24 j 18:47	1°♌37'39	
	-5222 Sep 12 j 22:09	0°♍	
greatest brilliancy	-5222 Sep 17 j 16:33	6°♍21'23	-0.4m
evening max el	-5222 Sep 22 j 22:48	12°♍27'51	21°18'45
retrograde	-5222 Oct 01 j 14:23	17°♍35'23	
evening set	-5222 Oct 05 j 15:48	16°♍03'01	
asc. node	-5222 Oct 08 j 10:26	13°♍16'16	
inferior conj	-5222 Oct 11 j 01:26	9°♍49'16	0°53'07
minimum elong	-5222 Oct 11 j 00:14	9°♍53'24	0°52'44
min. Earth dist.	-5222 Oct 11 j 10:16	9°♍18'54	0.67146 AU
morning rise	-5222 Oct 16 j 08:18	3°♍30'53	
direct	-5222 Oct 21 j 09:24	1°♍23'17	
morning max el	-5222 Oct 31 j 22:25	7°♍41'36	23°36'00
	-5222 Nov 18 j 08:00	0°♎	
desc. node	-5222 Nov 20 j 19:02	3°♎36'40	
morning set	-5222 Dec 06 j 00:24	27°♎43'30	
	-5222 Dec 07 j 08:33	0°♏	
max. Earth dist.	-5222 Dec 10 j 06:19	5°♏01'50	1.39108 AU
superior conj	-5222 Dec 17 j 17:28	18°♏33'43	-1°-51'-56
minimum elong	-5222 Dec 17 j 18:02	18°♏36'24	1°52'09
	-5222 Dec 23 j 17:15	0°♐	
evening rise	-5222 Dec 26 j 21:38	6°♐10'55	
asc. node	-5221 Jan 04 j 09:06	21°♐51'05	
	-5221 Jan 09 j 22:54	0°♑	
evening max el	-5221 Jan 12 j 06:04	2°♑30'05	18°41'22
retrograde	-5221 Jan 20 j 04:33	6°♑20'39	
evening set	-5221 Jan 22 j 15:37	5°♑59'53	
inferior conj	-5221 Jan 30 j 07:37	1°♑34'30	3°47'37
minimum elong	-5221 Jan 30 j 10:51	1°♑28'22	3°46'54
	-5221 Feb 01 j 09:22	30°℞♐	
min. Earth dist.	-5221 Feb 02 j 15:23	29°♐04'38	0.58180 AU
morning rise	-5221 Feb 07 j 02:29	26°♐20'43	
direct	-5221 Feb 12 j 23:32	24°♐55'15	
desc. node	-5221 Feb 16 j 18:47	25°♐30'32	
	-5221 Feb 24 j 13:37	0°♑	
morning max el	-5221 Feb 27 j 05:05	2°♑22'11	26°11'36
	-5221 Mar 18 j 22:32	0°♒	
morning set	-5221 Mar 27 j 18:36	17°♒14'57	
asc. node	-5221 Apr 02 j 08:34	29°♒14'35	
	-5221 Apr 02 j 16:53	0°♓	
superior conj	-5221 Apr 03 j 19:44	2°♓26'45	0°15'08
minimum elong	-5221 Apr 03 j 19:05	2°♓23'09	0°14'50
behind sun begin	-5221 Apr 03 j 17:24	2°♓13'57	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

behind sun end	-5221 Apr 03 j 20:46	2°♓32'22		
max. Earth dist.	-5221 Apr 04 j 05:36	3°♓20'40	1.32727 AU	
evening rise	-5221 Apr 10 j 22:28	17°♓41'53		
	-5221 Apr 17 j 03:38	0°♈		
	-5221 May 06 j 17:02	0°♉		
evening max el	-5221 May 11 j 06:36	4°♉51'35	26°50'38	
desc. node	-5221 May 15 j 17:10	8°♉35'09		
retrograde	-5221 May 25 j 07:39	12°♉13'38		
evening set	-5221 May 31 j 23:30	10°♉16'08		
min. Earth dist.	-5221 Jun 04 j 20:07	7°♉32'43	0.60564 AU	
inferior conj	-5221 Jun 08 j 03:48	4°♉44'27	-4°-10'-58	
minimum elong	-5221 Jun 08 j 03:48	4°♉44'26	4°10'50	
morning rise	-5221 Jun 15 j 11:20	29°♈58'37		
	-5221 Jun 15 j 09:39	30°℞♈		
direct	-5221 Jun 17 j 23:14	29°♈34'11		
	-5221 Jun 20 j 11:25	0°♉		
morning max el	-5221 Jun 25 j 03:32	3°♉04'48	18°08'47	
asc. node	-5221 Jun 29 j 08:28	8°♉05'44		
morning set	-5221 Jul 11 j 03:10	28°♉20'14		
	-5221 Jul 12 j 00:33	0°♊		
superior conj	-5221 Jul 21 j 02:39	16°♊41'03	1°46'06	
minimum elong	-5221 Jul 21 j 04:52	16°♊51'00	1°46'18	
max. Earth dist.	-5221 Jul 28 j 15:17	29°♊44'44	1.41359 AU	
	-5221 Jul 28 j 18:54	0°♋		
evening rise	-5221 Aug 03 j 05:44	8°♋59'04		
desc. node	-5221 Aug 11 j 15:48	22°♋11'29		
	-5221 Aug 16 j 20:53	0°♌		
greatest brilliancy	-5221 Aug 31 j 21:01	20°♌31'14	-0.3m	
evening max el	-5221 Sep 05 j 15:38	25°♌52'34	22°36'12	
	-5221 Sep 10 j 13:29	0°♍		
retrograde	-5221 Sep 15 j 08:58	1°♍38'33		
evening set	-5221 Sep 19 j 23:44	29°♌46'36		
	-5221 Sep 19 j 17:00	30°℞♌		
inferior conj	-5221 Sep 25 j 07:50	23°♌28'10	0°00'12	
minimum elong	-5221 Sep 25 j 07:49	23°♌28'12	0°00'23	
transit middle	-5221 Sep 25 j 07:49	23°♌28'12	0°00'23	
transit begin	-5221 Sep 25 j 05:07	23°♌37'31		
transit end	-5221 Sep 25 j 10:31	23°♌18'54		
asc. node	-5221 Sep 25 j 07:36	23°♌28'56		
min. Earth dist.	-5221 Sep 25 j 06:23	23°♌33'10	0.67369 AU	
morning rise	-5221 Sep 30 j 15:48	17°♌11'45		
direct	-5221 Oct 05 j 02:22	15°♌25'21		
morning max el	-5221 Oct 14 j 10:47	20°♌59'37	22°10'43	
greatest brilliancy	-5221 Oct 19 j 05:47	26°♌26'10	-0.4m	
	-5221 Oct 22 j 00:59	0°♍		
desc. node	-5221 Nov 07 j 15:53	23°♍51'41		
	-5221 Nov 11 j 15:17	0°♎		
morning set	-5221 Nov 16 j 05:02	7°♎14'58		
max. Earth dist.	-5221 Nov 22 j 05:08	17°♎06'27	1.41145 AU	
superior conj	-5221 Nov 29 j 22:17	0°♏24'50	-1°-48'-56	
minimum elong	-5221 Nov 29 j 19:52	0°♏14'07	1°48'58	
	-5221 Nov 29 j 16:41	0°♏		
evening rise	-5221 Dec 10 j 06:43	19°♏21'13		
	-5221 Dec 16 j 01:50	0°♐		
asc. node	-5221 Dec 22 j 06:13	10°♐06'32		
evening max el	-5221 Dec 26 j 13:08	15°♐20'20	18°14'51	
retrograde	-5220 Jan 02 j 14:57	18°♐53'24		
evening set	-5220 Jan 05 j 04:12	18°♐26'36		
inferior conj	-5220 Jan 12 j 06:02	13°♐39'05	4°06'17	
minimum elong	-5220 Jan 12 j 06:17	13°♐38'31	4°06'00	
min. Earth dist.	-5220 Jan 15 j 12:33	10°♐47'57	0.60141 AU	
morning rise	-5220 Jan 19 j 05:32	8°♐05'17		
direct	-5220 Jan 25 j 22:51	6°♐01'34		
desc. node	-5220 Feb 03 j 15:51	9°♐07'16		
morning max el	-5220 Feb 09 j 02:18	13°♐37'17	27°13'01	
	-5220 Feb 22 j 05:05	0°♑		
	-5220 Mar 10 j 02:56	0°♒		
morning set	-5220 Mar 11 j 03:49	2°♒08'04		
superior conj	-5220 Mar 18 j 07:29	17°♒28'20	0°-9'-31	
minimum elong	-5220 Mar 18 j 07:55	17°♒30'41	0°09'39	
behind sun begin	-5220 Mar 18 j 03:55	17°♒08'49		
behind sun end	-5220 Mar 18 j 11:54	17°♒52'32		
max. Earth dist.	-5220 Mar 17 j 19:12	16°♒21'14	1.32630 AU	
asc. node	-5220 Mar 19 j 05:33	19°♒29'00		
	-5220 Mar 24 j 02:07	0°♓		
evening rise	-5220 Mar 25 j 08:04	2°♓38'12		
	-5220 Apr 09 j 05:49	0°♈		
evening max el	-5220 Apr 22 j 04:45	16°♈22'08	25°48'28	
desc. node	-5220 May 01 j 14:24	22°♈44'29		
retrograde	-5220 May 06 j 07:04	23°♈36'53		
evening set	-5220 May 12 j 01:18	22°♈17'03		
min. Earth dist.	-5220 May 16 j 17:24	19°♈31'16	0.58542 AU	
inferior conj	-5220 May 20 j 00:39	17°♈06'33	-3°-55'-13	
minimum elong	-5220 May 19 j 21:28	17°♈12'26	3°54'48	
morning rise	-5220 May 27 j 21:36	12°♈42'17		
direct	-5220 May 30 j 08:31	12°♈22'31		
morning max el	-5220 Jun 07 j 10:45	16°♈12'20	18°39'56	
asc. node	-5220 Jun 15 j 05:27	26°♈30'06		
	-5220 Jun 17 j 06:39	0°♉		
morning set	-5220 Jun 23 j 17:52	12°♉06'27		
superior conj	-5220 Jul 02 j 16:12	29°♉17'12	1°49'21	
minimum elong	-5220 Jul 02 j 15:49	29°♉15'27	1°49'36	
	-5220 Jul 03 j 01:19	0°♊		
max. Earth dist.	-5220 Jul 09 j 18:03	12°♊10'44	1.39451 AU	
evening rise	-5220 Jul 13 j 23:04	19°♊27'15		
	-5220 Jul 20 j 08:55	0°♋		
desc. node	-5220 Jul 28 j 12:52	12°♋34'32		
	-5220 Aug 10 j 02:12	0°♌		
evening max el	-5220 Aug 18 j 04:02	9°♌18'37	23°57'10	
retrograde	-5220 Aug 29 j 00:16	15°♌41'59		
evening set	-5220 Sep 03 j 05:53	13°♌29'46		
min. Earth dist.	-5220 Sep 08 j 02:17	7°♌50'07	0.67293 AU	
inferior conj	-5220 Sep 08 j 14:06	7°♌09'57	0°-52'-43	
minimum elong	-5220 Sep 08 j 15:18	7°♌05'51	0°51'59	
asc. node	-5220 Sep 11 j 04:45	3°♌46'15		
morning rise	-5220 Sep 14 j 00:52	0°♌58'42		
	-5220 Sep 15 j 17:12	30°℞♋		
direct	-5220 Sep 17 j 22:25	29°♋32'29		
	-5220 Sep 20 j 06:11	0°♌		
morning max el	-5220 Sep 26 j 05:16	4°♌25'04	20°52'14	
greatest brilliancy	-5220 Oct 02 j 02:26	11°♌23'03	-0.5m	
	-5220 Oct 15 j 03:22	0°♍		
desc. node	-5220 Oct 24 j 12:44	14°♍19'54		
morning set	-5220 Oct 25 j 10:02	15°♍42'42		
	-5220 Nov 03 j 09:52	0°♎		
max. Earth dist.	-5220 Nov 03 j 11:19	0°♎05'52	1.42910 AU	
superior conj	-5220 Nov 10 j 02:40	11°♎03'59	-1°-31'-55	
minimum elong	-5220 Nov 09 j 21:00	10°♎40'11	1°31'30	
	-5220 Nov 21 j 00:56	0°♏		
evening rise	-5220 Nov 22 j 01:29	1°♏48'55		
asc. node	-5220 Dec 08 j 03:21	27°♏32'40		
evening max el	-5220 Dec 09 j 00:27	28°♏28'23	18°08'02	
	-5220 Dec 10 j 17:35	0°♐		
retrograde	-5220 Dec 15 j 15:58	1°♐57'20		
evening set	-5220 Dec 18 j 07:40	1°♐23'36		
	-5220 Dec 20 j 17:21	30°℞♏		
inferior conj	-5220 Dec 24 j 21:46	26°♏14'11	3°58'53	
minimum elong	-5220 Dec 24 j 19:46	26°♏19'13	3°58'27	
min. Earth dist.	-5220 Dec 27 j 17:47	23°♏24'29	0.62075 AU	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning rise	-5220 Dec 31 j 05:46	20°♏25'19	
direct	-5219 Jan 07 j 07:14	17°♏52'25	
desc. node	-5219 Jan 20 j 12:52	24°♏52'10	
morning max el	-5219 Jan 21 j 05:54	25°♏33'08	27°40'13
	-5219 Jan 25 j 09:40	0°♐	
	-5219 Feb 14 j 14:23	0°♑	
morning set	-5219 Feb 23 j 08:30	16°♑44'53	
max. Earth dist.	-5219 Mar 01 j 06:16	29°♑09'56	1.32876 AU
	-5219 Mar 01 j 15:32	0°♒	
superior conj	-5219 Mar 02 j 18:00	2°♒23'13	0°-34'-5
minimum elong	-5219 Mar 02 j 19:29	2°♒31'18	0°34'03
asc. node	-5219 Mar 06 j 02:31	9°♒40'34	
evening rise	-5219 Mar 09 j 19:26	17°♒36'26	
	-5219 Mar 15 j 23:43	0°♓	
evening max el	-5219 Apr 03 j 21:46	27°♓18'12	24°23'48
	-5219 Apr 07 j 00:40	0°♈	
retrograde	-5219 Apr 17 j 19:04	4°♈17'27	
desc. node	-5219 Apr 18 j 11:37	4°♈16'22	
evening set	-5219 Apr 22 j 07:10	3°♈31'53	
min. Earth dist.	-5219 Apr 28 j 09:47	0°♈29'19	0.56764 AU
	-5219 Apr 29 j 04:29	30°℞♓	
inferior conj	-5219 May 01 j 01:31	28°♓47'58	-3°-4'-40
minimum elong	-5219 Apr 30 j 20:03	28°♓56'43	3°03'26
morning rise	-5219 May 09 j 13:03	24°♓42'06	
direct	-5219 May 11 j 23:15	24°♓26'02	
morning max el	-5219 May 21 j 10:04	28°♓49'51	19°31'23
	-5219 May 22 j 14:27	0°♈	
asc. node	-5219 Jun 02 j 02:25	15°♈30'33	
morning set	-5219 Jun 07 j 17:31	26°♈22'04	
	-5219 Jun 09 j 13:00	0°♉	
superior conj	-5219 Jun 15 j 22:03	12°♉44'21	1°43'18
minimum elong	-5219 Jun 15 j 20:03	12°♉34'29	1°43'21
max. Earth dist.	-5219 Jun 21 j 19:58	24°♉03'16	1.37549 AU
	-5219 Jun 25 j 02:05	0°♊	
evening rise	-5219 Jun 25 j 18:08	1°♊11'42	
	-5219 Jul 13 j 13:29	0°♋	
desc. node	-5219 Jul 15 j 09:58	2°♋40'37	
evening max el	-5219 Jul 31 j 14:29	22°♋46'44	25°14'36
retrograde	-5219 Aug 12 j 11:36	29°♋41'04	
evening set	-5219 Aug 18 j 08:23	27°♋10'34	
min. Earth dist.	-5219 Aug 22 j 19:32	22°♋07'35	0.66896 AU
inferior conj	-5219 Aug 23 j 18:28	20°♋52'26	-1°-44'-1
minimum elong	-5219 Aug 23 j 20:47	20°♋44'50	1°42'52
morning rise	-5219 Aug 29 j 09:39	14°♋49'37	
asc. node	-5219 Aug 29 j 01:51	15°♋03'12	
direct	-5219 Sep 01 j 20:14	13°♋41'00	
morning max el	-5219 Sep 09 j 06:57	17°♋59'03	19°45'28
greatest brilliancy	-5219 Sep 17 j 11:16	28°♋20'49	-0.6m
	-5219 Sep 18 j 14:51	0°♌	
morning set	-5219 Oct 04 j 10:00	24°♌02'50	
	-5219 Oct 08 j 05:45	0°♍	
desc. node	-5219 Oct 11 j 09:38	4°♍56'59	
max. Earth dist.	-5219 Oct 17 j 00:07	13°♍47'57	1.44155 AU
superior conj	-5219 Oct 21 j 03:23	20°♍25'06	0°-58'-45
minimum elong	-5219 Oct 20 j 21:10	20°♍00'07	0°57'59
	-5219 Oct 27 j 00:37	0°♎	
evening rise	-5219 Nov 04 j 01:19	13°♎24'27	
	-5219 Nov 13 j 23:33	0°♏	
evening max el	-5219 Nov 22 j 13:16	11°♏47'54	18°20'12
asc. node	-5219 Nov 25 j 00:29	13°♏55'36	
retrograde	-5219 Nov 29 j 03:05	15°♏23'24	
evening set	-5219 Dec 01 j 22:26	14°♏41'18	
inferior conj	-5219 Dec 08 j 03:03	9°♏12'21	3°33'46
minimum elong	-5219 Dec 07 j 23:57	9°♏21'02	3°32'59
min. Earth dist.	-5219 Dec 10 j 09:04	6°♏41'32	0.63778 AU
morning rise	-5219 Dec 13 j 23:56	3°♏11'58	
direct	-5219 Dec 20 j 23:26	0°♏24'09	
morning max el	-5218 Jan 03 j 14:04	8°♏05'48	27°31'28
desc. node	-5218 Jan 07 j 09:50	12°♏10'28	
	-5218 Jan 20 j 15:07	0°♐	
	-5218 Feb 06 j 18:38	0°♑	
morning set	-5218 Feb 07 j 06:08	0°♑56'51	
max. Earth dist.	-5218 Feb 12 j 10:46	11°♑33'08	1.33504 AU
superior conj	-5218 Feb 15 j 01:35	17°♑05'31	0°-57'-38
minimum elong	-5218 Feb 15 j 03:57	17°♑18'13	0°57'31
asc. node	-5218 Feb 20 j 23:31	29°♑45'09	
	-5218 Feb 21 j 02:19	0°♒	
evening rise	-5218 Feb 22 j 06:50	2°♒30'15	
	-5218 Mar 09 j 17:15	0°♓	
evening max el	-5218 Mar 16 j 14:31	8°♓02'42	22°49'53
retrograde	-5218 Mar 29 j 18:51	14°♓29'59	
evening set	-5218 Apr 02 j 01:42	14°♓06'20	
desc. node	-5218 Apr 05 j 08:46	12°♓59'32	
min. Earth dist.	-5218 Apr 10 j 00:30	10°♓34'50	0.55568 AU
inferior conj	-5218 Apr 11 j 07:48	9°♓49'37	-1°-35'-43
minimum elong	-5218 Apr 11 j 03:43	9°♓55'31	1°34'33
morning rise	-5218 Apr 20 j 08:21	5°♓51'47	
direct	-5218 Apr 22 j 20:16	5°♓37'04	
morning max el	-5218 May 03 j 23:14	10°♓49'15	20°42'37
	-5218 May 17 j 09:04	0°♈	
asc. node	-5218 May 19 j 23:23	4°♈58'14	
morning set	-5218 May 22 j 23:22	10°♈59'37	
superior conj	-5218 May 30 j 15:35	26°♈49'05	1°30'29
minimum elong	-5218 May 30 j 12:53	26°♈35'19	1°30'18
	-5218 Jun 01 j 05:14	0°♉	
max. Earth dist.	-5218 Jun 04 j 03:19	5°♉48'26	1.35872 AU
evening rise	-5218 Jun 08 j 10:18	14°♉01'05	
	-5218 Jun 17 j 11:35	0°♊	
desc. node	-5218 Jul 02 j 07:05	22°♊22'08	
	-5218 Jul 08 j 07:08	0°♋	
evening max el	-5218 Jul 14 j 01:05	6°♋15'28	26°20'21
retrograde	-5218 Jul 26 j 18:16	13°♋30'04	
evening set	-5218 Aug 02 j 05:04	10°♋46'42	
min. Earth dist.	-5218 Aug 06 j 07:51	6°♋22'21	0.66156 AU
inferior conj	-5218 Aug 07 j 19:04	4°♋33'24	-2°-31'-55
minimum elong	-5218 Aug 07 j 22:14	4°♋23'36	2°30'36
	-5218 Aug 11 j 21:54	30°℞♊	
morning rise	-5218 Aug 13 j 16:15	28°♊42'02	
asc. node	-5218 Aug 15 j 22:57	27°♊51'27	
direct	-5218 Aug 16 j 18:09	27°♊47'49	
	-5218 Aug 21 j 19:45	0°♋	
morning max el	-5218 Aug 23 j 14:59	1°♋39'41	18°53'18
	-5218 Sep 12 j 01:49	0°♌	
morning set	-5218 Sep 14 j 02:34	3°♌14'02	
desc. node	-5218 Sep 28 j 06:31	25°♌38'48	
max. Earth dist.	-5218 Sep 29 j 16:38	27°♌53'19	1.44741 AU
superior conj	-5218 Sep 30 j 06:36	28°♌48'24	0°-12'-33
minimum elong	-5218 Sep 30 j 04:59	28°♌42'00	0°12'11
behind sun begin	-5218 Sep 29 j 21:16	28°♌11'36	
behind sun end	-5218 Sep 30 j 12:41	29°♌12'24	
	-5218 Oct 01 j 00:45	0°♍	
evening rise	-5218 Oct 16 j 01:25	23°♍56'31	
	-5218 Oct 19 j 19:30	0°♎	
evening max el	-5218 Nov 06 j 00:52	25°♎12'47	18°50'22
asc. node	-5218 Nov 11 j 21:38	28°♎58'50	
retrograde	-5218 Nov 12 j 20:18	29°♎03'50	
evening set	-5218 Nov 15 j 21:14	28°♎11'10	
inferior conj	-5218 Nov 21 j 18:20	22°♎25'35	2°56'54

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5218 Nov 21 j 15:04	22°♎35'30	2°55'54
min. Earth dist.	-5218 Nov 23 j 10:05	20°♎24'24	0.65159 AU
morning rise	-5218 Nov 27 j 07:50	16°♎16'41	
direct	-5218 Dec 03 j 22:16	13°♎28'21	
morning max el	-5218 Dec 16 j 23:43	21°♎02'12	26°50'46
	-5218 Dec 24 j 20:05	0°♏	
desc. node	-5218 Dec 25 j 06:46	0°♏34'06	
	-5217 Jan 13 j 17:41	0°♐	
morning set	-5217 Jan 21 j 17:19	14°♐32'12	
max. Earth dist.	-5217 Jan 26 j 04:58	23°♐20'32	1.34560 AU
	-5217 Jan 29 j 11:12	0°♑	
superior conj	-5217 Jan 30 j 04:07	1°♑27'44	-1°-19'-3
minimum elong	-5217 Jan 30 j 07:01	1°♑42'50	1°18'57
evening rise	-5217 Feb 06 j 16:27	17°♑12'51	
asc. node	-5217 Feb 07 j 20:32	19°♑37'32	
	-5217 Feb 13 j 03:49	0°♒	
evening max el	-5217 Feb 26 j 13:11	19°♒02'04	21°20'04
retrograde	-5217 Mar 10 j 09:19	24°♒41'10	
evening set	-5217 Mar 12 j 22:46	24°♒26'11	
inferior conj	-5217 Mar 22 j 03:52	20°♒26'45	0°17'52
minimum elong	-5217 Mar 22 j 04:40	20°♒25'36	0°17'23
min. Earth dist.	-5217 Mar 22 j 14:56	20°♒11'05	0.55221 AU
desc. node	-5217 Mar 23 j 05:55	19°♒49'57	
morning rise	-5217 Mar 31 j 10:08	16°♒20'19	
direct	-5217 Apr 03 j 08:52	16°♒01'13	
morning max el	-5217 Apr 16 j 01:30	22°♒07'03	22°10'48
	-5217 Apr 22 j 19:48	0°♓	
asc. node	-5217 May 06 j 20:21	24°♓45'53	
morning set	-5217 May 07 j 09:14	25°♓52'34	
	-5217 May 09 j 08:31	0°♈	
superior conj	-5217 May 14 j 17:12	11°♈20'30	1°12'55
minimum elong	-5217 May 14 j 14:33	11°♈06'32	1°12'33
max. Earth dist.	-5217 May 17 j 20:31	17°♈52'00	1.34533 AU
evening rise	-5217 May 22 j 18:10	27°♈40'02	
	-5217 May 23 j 23:13	0°♉	
	-5217 Jun 10 j 17:26	0°♊	
desc. node	-5217 Jun 19 j 04:12	11°♊28'51	
evening max el	-5217 Jun 26 j 12:25	19°♊38'38	27°06'16
retrograde	-5217 Jul 09 j 19:46	27°♊02'22	
evening set	-5217 Jul 16 j 17:25	24°♊15'15	
min. Earth dist.	-5217 Jul 20 j 13:01	20°♊29'09	0.65044 AU
inferior conj	-5217 Jul 22 j 13:48	18°♊09'49	-3°-14'-10
minimum elong	-5217 Jul 22 j 17:19	17°♊59'44	3°13'00
morning rise	-5217 Jul 28 j 18:31	12°♊33'09	
direct	-5217 Jul 31 j 14:07	11°♊50'07	
asc. node	-5217 Aug 02 j 20:02	12°♊17'09	
morning max el	-5217 Aug 07 j 03:29	15°♊24'03	18°17'35
	-5217 Aug 17 j 14:17	0°♋	
morning set	-5217 Aug 25 j 21:52	13°♋42'52	
	-5217 Sep 04 j 20:32	0°♌	
superior conj	-5217 Sep 09 j 08:07	7°♌11'15	0°35'57
minimum elong	-5217 Sep 09 j 12:24	7°♌28'17	0°35'39
max. Earth dist.	-5217 Sep 12 j 10:18	12°♌05'41	1.44609 AU
desc. node	-5217 Sep 15 j 03:25	16°♌22'39	
	-5217 Sep 23 j 20:08	0°♍	
evening rise	-5217 Sep 26 j 00:19	3°♍23'28	
greatest brilliancy	-5217 Oct 11 j 20:03	27°♍38'23	-0.7m
	-5217 Oct 13 j 11:31	0°♎	
evening max el	-5217 Oct 20 j 08:55	8°♎39'47	19°37'01
retrograde	-5217 Oct 27 j 16:38	12°♎54'31	
asc. node	-5217 Oct 29 j 18:48	12°♎29'08	
evening set	-5217 Oct 31 j 01:21	11°♎48'33	
inferior conj	-5217 Nov 05 j 16:42	5°♎49'25	2°12'22
minimum elong	-5217 Nov 05 j 13:57	5°♎58'21	2°11'23
min. Earth dist.	-5217 Nov 06 j 19:20	4°♎22'50	0.66192 AU
	-5217 Nov 10 j 14:44	30°℞♍	
morning rise	-5217 Nov 11 j 01:47	29°♍34'45	
direct	-5217 Nov 17 j 02:57	26°♍57'23	
	-5217 Nov 24 j 14:37	0°♎	
morning max el	-5217 Nov 29 j 08:56	4°♎10'51	25°45'39
desc. node	-5217 Dec 12 j 03:43	19°♎43'56	
	-5217 Dec 19 j 05:31	0°♏	
morning set	-5216 Jan 04 j 13:34	27°♏17'36	
	-5216 Jan 06 j 00:46	0°♐	
max. Earth dist.	-5216 Jan 08 j 11:33	4°♐37'11	1.36062 AU
superior conj	-5216 Jan 13 j 23:01	15°♐22'05	-1°-36'-45
minimum elong	-5216 Jan 14 j 01:49	15°♐36'10	1°36'47
	-5216 Jan 21 j 03:07	0°♑	
evening rise	-5216 Jan 21 j 22:27	1°♑38'31	
asc. node	-5216 Jan 25 j 17:35	9°♑12'29	
	-5216 Feb 08 j 08:00	0°♒	
evening max el	-5216 Feb 08 j 21:36	0°♒33'06	20°03'42
retrograde	-5216 Feb 19 j 01:23	5°♒21'17	
evening set	-5216 Feb 21 j 10:18	5°♒06'45	
inferior conj	-5216 Mar 01 j 03:25	1°♒06'44	2°05'33
minimum elong	-5216 Mar 01 j 08:11	0°♒59'30	2°03'53
	-5216 Mar 02 j 23:25	30°℞♑	
min. Earth dist.	-5216 Mar 03 j 05:05	29°♑51'32	0.55803 AU
desc. node	-5216 Mar 09 j 03:05	26°♑55'51	
morning rise	-5216 Mar 10 j 03:13	26°♑36'46	
direct	-5216 Mar 14 j 01:42	26°♑02'37	
	-5216 Mar 24 j 10:06	0°♒	
morning max el	-5216 Mar 27 j 19:10	2°♒52'17	23°48'47
	-5216 Apr 15 j 11:00	0°♓	
morning set	-5216 Apr 20 j 21:10	10°♓54'05	
asc. node	-5216 Apr 22 j 17:17	14°♓47'11	
superior conj	-5216 Apr 28 j 00:12	26°♓09'24	0°52'03
minimum elong	-5216 Apr 27 j 22:05	25°♓58'03	0°51'37
	-5216 Apr 29 j 19:19	0°♈	
max. Earth dist.	-5216 Apr 29 j 23:31	0°♈22'18	1.33560 AU
evening rise	-5216 May 05 j 13:11	11°♈53'55	
	-5216 May 15 j 05:29	0°♉	
desc. node	-5216 Jun 05 j 01:23	29°♉45'22	
	-5216 Jun 05 j 06:48	0°♊	
evening max el	-5216 Jun 07 j 22:55	2°♊43'38	27°25'17
retrograde	-5216 Jun 21 j 15:18	10°♊08'58	
evening set	-5216 Jun 28 j 18:12	7°♊30'15	
min. Earth dist.	-5216 Jul 02 j 09:05	4°♊17'54	0.63553 AU
inferior conj	-5216 Jul 05 j 00:00	1°♊35'40	-3°-47'-42
minimum elong	-5216 Jul 05 j 03:05	1°♊27'42	3°46'57
	-5216 Jul 06 j 13:47	30°℞♉	
morning rise	-5216 Jul 11 j 13:51	26°♉16'52	
direct	-5216 Jul 14 j 05:16	25°♉42'27	
asc. node	-5216 Jul 19 j 17:06	28°♉09'13	
morning max el	-5216 Jul 20 j 18:02	29°♉07'01	17°59'29
	-5216 Jul 21 j 14:20	0°♊	
morning set	-5216 Aug 06 j 18:30	25°♊23'52	
	-5216 Aug 09 j 10:13	0°♋	
superior conj	-5216 Aug 19 j 04:54	16°♋32'21	1°14'49
minimum elong	-5216 Aug 19 j 10:53	16°♋57'01	1°14'29
max. Earth dist.	-5216 Aug 25 j 02:10	26°♋07'16	1.43780 AU
	-5216 Aug 27 j 12:27	0°♌	
desc. node	-5216 Sep 01 j 00:22	7°♌05'11	
evening rise	-5216 Sep 04 j 05:40	12°♌05'42	
	-5216 Sep 16 j 00:29	0°♍	
greatest brilliancy	-5216 Sep 26 j 09:21	14°♍47'45	-0.5m
evening max el	-5216 Oct 02 j 11:29	22°♍05'55	20°38'12
retrograde	-5216 Oct 10 j 13:42	26°♍52'05	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening set	-5216 Oct 14 j 08:29	25°♍29'55	
asc. node	-5216 Oct 15 j 16:00	24°♍23'09	
inferior conj	-5216 Oct 19 j 19:44	19°♍20'28	1°22'57
minimum elong	-5216 Oct 19 j 17:53	19°♍26'42	1°22'16
min. Earth dist.	-5216 Oct 20 j 10:40	18°♍29'53	0.66888 AU
morning rise	-5216 Oct 25 j 02:50	13°♍02'48	
direct	-5216 Oct 30 j 12:46	10°♍43'30	
morning max el	-5216 Nov 10 j 17:44	17°♍24'17	24°25'23
	-5216 Nov 21 j 06:31	0°♎	
desc. node	-5216 Nov 28 j 00:37	9°♎26'12	
	-5216 Dec 11 j 06:30	0°♏	
morning set	-5216 Dec 16 j 13:13	8°♏57'18	
max. Earth dist.	-5216 Dec 20 j 09:47	15°♏47'45	1.37933 AU
superior conj	-5216 Dec 27 j 06:52	28°♏38'42	-1°-48'-43
minimum elong	-5216 Dec 27 j 08:37	28°♏47'05	1°48'54
	-5216 Dec 27 j 23:43	0°♐	
evening rise	-5215 Jan 04 j 22:37	15°♐40'58	
asc. node	-5215 Jan 11 j 14:40	28°♐23'42	
	-5215 Jan 12 j 12:31	0°♑	
evening max el	-5215 Jan 21 j 16:17	12°♑39'30	19°05'42
retrograde	-5215 Jan 30 j 07:34	16°♑47'10	
evening set	-5215 Feb 01 j 17:27	16°♑29'14	
inferior conj	-5215 Feb 09 j 18:28	12°♑14'49	3°21'28
minimum elong	-5215 Feb 09 j 23:07	12°♑06'42	3°20'15
min. Earth dist.	-5215 Feb 12 j 20:02	10°♑07'53	0.57157 AU
morning rise	-5215 Feb 18 j 01:10	7°♑15'58	
direct	-5215 Feb 23 j 05:51	6°♑12'42	
desc. node	-5215 Feb 24 j 00:14	6°♑14'05	
morning max el	-5215 Mar 09 j 10:06	13°♑29'39	25°24'05
	-5215 Mar 22 j 08:30	0°♒	
morning set	-5215 Apr 05 j 09:28	25°♒58'17	
	-5215 Apr 07 j 07:05	0°♓	
asc. node	-5215 Apr 09 j 14:14	4°♓57'27	
superior conj	-5215 Apr 12 j 10:29	11°♓08'54	0°29'01
minimum elong	-5215 Apr 12 j 09:14	11°♓02'07	0°28'39
max. Earth dist.	-5215 Apr 13 j 09:33	13°♓14'18	1.32938 AU
evening rise	-5215 Apr 19 j 15:55	26°♓31'46	
	-5215 Apr 21 j 08:58	0°♈	
	-5215 May 08 j 17:00	0°♉	
evening max el	-5215 May 21 j 05:59	15°♉17'20	27°12'36
desc. node	-5215 May 22 j 22:35	16°♉50'20	
retrograde	-5215 Jun 04 j 04:15	22°♉41'11	
evening set	-5215 Jun 11 j 03:34	20°♉24'43	
min. Earth dist.	-5215 Jun 14 j 19:13	17°♉35'28	0.61727 AU
inferior conj	-5215 Jun 17 j 22:30	14°♉43'48	-4°-7'-56
minimum elong	-5215 Jun 18 j 00:00	14°♉40'21	4°07'40
morning rise	-5215 Jun 24 j 23:09	9°♉45'41	
direct	-5215 Jun 27 j 12:04	9°♉17'57	
morning max el	-5215 Jul 04 j 08:00	12°♉42'49	17°59'52
asc. node	-5215 Jul 06 j 14:08	15°♉12'11	
	-5215 Jul 16 j 00:20	0°♊	
morning set	-5215 Jul 20 j 11:19	8°♊03'12	
superior conj	-5215 Jul 31 j 05:22	27°♊16'15	1°38'48
minimum elong	-5215 Jul 31 j 09:18	27°♊33'17	1°38'51
	-5215 Aug 01 j 19:22	0°♋	
max. Earth dist.	-5215 Aug 07 j 13:08	9°♋39'06	1.42365 AU
evening rise	-5215 Aug 14 j 12:10	20°♋52'52	
desc. node	-5215 Aug 18 j 21:21	27°♋43'20	
	-5215 Aug 20 j 08:57	0°♌	
	-5215 Sep 10 j 11:36	0°♍	
greatest brilliancy	-5215 Sep 10 j 10:45	29°♌57'20	-0.4m
evening max el	-5215 Sep 15 j 07:37	5°♍30'23	21°50'51
retrograde	-5215 Sep 24 j 09:42	10°♍54'07	
evening set	-5215 Sep 28 j 16:39	9°♍13'20	

asc. node	-5215 Oct 02 j 13:11	5°♍00'18	
inferior conj	-5215 Oct 04 j 01:25	2°♍57'00	0°30'45
minimum elong	-5215 Oct 04 j 00:42	2°♍59'26	0°30'36
min. Earth dist.	-5215 Oct 04 j 05:45	2°♍42'03	0.67276 AU
	-5215 Oct 06 j 06:01	30°℞♌	
morning rise	-5215 Oct 09 j 08:33	26°♌39'13	
direct	-5215 Oct 14 j 03:14	24°♌40'55	
	-5215 Oct 23 j 11:45	0°♍	
morning max el	-5215 Oct 24 j 04:03	0°♍40'34	22°59'21
greatest brilliancy	-5215 Oct 29 j 02:23	6°♍13'42	-0.3m
desc. node	-5215 Nov 14 j 21:29	29°♍31'16	
	-5215 Nov 15 j 05:07	0°♎	
morning set	-5215 Nov 27 j 10:23	19°♎16'43	
max. Earth dist.	-5215 Dec 02 j 06:25	27°♎25'19	1.39984 AU
	-5215 Dec 03 j 18:12	0°♏	
superior conj	-5215 Dec 09 j 23:05	11°♏04'31	-1°-52'-9
minimum elong	-5215 Dec 09 j 22:31	11°♏01'56	1°52'20
evening rise	-5215 Dec 19 j 14:09	29°♏12'26	
	-5215 Dec 20 j 00:07	0°♐	
asc. node	-5215 Dec 29 j 11:47	17°♐02'24	
evening max el	-5214 Jan 04 j 19:29	25°♐15'25	18°27'39
retrograde	-5214 Jan 12 j 08:05	28°♐57'17	
evening set	-5214 Jan 14 j 19:56	28°♐34'11	
inferior conj	-5214 Jan 22 j 05:35	23°♐59'22	3°59'21
minimum elong	-5214 Jan 22 j 07:32	23°♐55'24	3°58'54
min. Earth dist.	-5214 Jan 25 j 14:14	21°♐17'35	0.58990 AU
morning rise	-5214 Jan 29 j 15:49	18°♐36'01	
direct	-5214 Feb 04 j 22:36	16°♐54'02	
desc. node	-5214 Feb 10 j 21:19	18°♐20'44	
morning max el	-5214 Feb 19 j 04:11	24°♐25'49	26°41'37
	-5214 Feb 24 j 06:48	0°♑	
	-5214 Mar 15 j 09:10	0°♒	
morning set	-5214 Mar 20 j 20:20	10°♒57'24	
asc. node	-5214 Mar 27 j 11:11	25°♒11'26	
superior conj	-5214 Mar 27 j 22:09	26°♒11'22	0°04'45
minimum elong	-5214 Mar 27 j 21:57	26°♒10'17	0°04'31
behind sun begin	-5214 Mar 27 j 17:08	25°♒43'58	
behind sun end	-5214 Mar 28 j 02:45	26°♒36'35	
max. Earth dist.	-5214 Mar 27 j 22:48	26°♒14'59	1.32644 AU
	-5214 Mar 29 j 15:59	0°♓	
evening rise	-5214 Apr 03 j 23:36	11°♓23'15	
	-5214 Apr 13 j 14:58	0°♈	
evening max el	-5214 May 03 j 07:24	27°♈10'26	26°27'26
	-5214 May 06 j 13:17	0°♉	
desc. node	-5214 May 09 j 19:48	2°♉13'52	
retrograde	-5214 May 17 j 09:28	4°♉30'39	
evening set	-5214 May 23 j 17:37	2°♉48'26	
	-5214 May 27 j 23:43	30°℞♈	
min. Earth dist.	-5214 May 27 j 20:27	0°♉06'13	0.59699 AU
inferior conj	-5214 May 31 j 05:41	27°♈24'55	-4°-7'-58
minimum elong	-5214 May 31 j 04:23	27°♈27'32	4°07'48
morning rise	-5214 Jun 07 j 18:48	22°♈48'45	
direct	-5214 Jun 10 j 06:11	22°♈26'30	
morning max el	-5214 Jun 17 j 18:34	26°♈03'24	18°19'35
	-5214 Jun 21 j 05:28	0°♉	
asc. node	-5214 Jun 23 j 11:07	3°♉10'30	
morning set	-5214 Jul 03 j 19:14	21°♉27'46	
	-5214 Jul 08 j 07:17	0°♊	
superior conj	-5214 Jul 13 j 07:00	9°♊15'59	1°48'49
minimum elong	-5214 Jul 13 j 08:02	9°♊20'40	1°49'04
max. Earth dist.	-5214 Jul 20 j 17:52	22°♊27'39	1.40559 AU
	-5214 Jul 25 j 05:23	0°♋	
evening rise	-5214 Jul 25 j 14:15	0°♋36'33	
desc. node	-5214 Aug 05 j 18:23	18°♋13'16	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5214 Aug 13 j 19:51	0°♌	
greatest brilliancy	-5214 Aug 23 j 08:49	12°♌40'05	-0.2m
evening max el	-5214 Aug 28 j 22:06	18°♌55'00	23°10'35
retrograde	-5214 Sep 08 j 03:09	24°♌58'06	
evening set	-5214 Sep 13 j 00:03	22°♌57'26	
inferior conj	-5214 Sep 18 j 07:58	16°♌37'44	0°-22'-21
minimum elong	-5214 Sep 18 j 08:28	16°♌35'59	0°21'56
min. Earth dist.	-5214 Sep 18 j 02:07	16°♌57'52	0.67367 AU
asc. node	-5214 Sep 19 j 10:19	15°♌07'46	
morning rise	-5214 Sep 23 j 16:55	10°♌22'59	
direct	-5214 Sep 27 j 21:36	8°♌45'35	
morning max el	-5214 Oct 06 j 18:50	14°♌02'04	21°36'10
greatest brilliancy	-5214 Oct 11 j 21:45	19°♌56'13	-0.4m
	-5214 Oct 19 j 08:50	0°♍	
desc. node	-5214 Nov 01 j 18:22	19°♍52'47	
morning set	-5214 Nov 07 j 03:37	28°♍17'01	
	-5214 Nov 08 j 05:34	0°♎	
max. Earth dist.	-5214 Nov 14 j 07:49	9°♎52'23	1.41937 AU
superior conj	-5214 Nov 21 j 18:09	22°♎26'33	-1°-43'-37
minimum elong	-5214 Nov 21 j 14:16	22°♎09'41	1°43'30
	-5214 Nov 26 j 01:18	0°♏	
evening rise	-5214 Dec 02 j 17:41	12°♏05'52	
	-5214 Dec 12 j 22:32	0°♐	
asc. node	-5214 Dec 16 j 08:54	4°♐58'39	
evening max el	-5214 Dec 19 j 04:42	8°♐14'11	18°09'36
retrograde	-5214 Dec 26 j 01:07	11°♐44'08	
evening set	-5214 Dec 28 j 15:13	11°♐14'39	
inferior conj	-5213 Jan 04 j 11:48	6°♐17'58	4°05'46
minimum elong	-5213 Jan 04 j 10:57	6°♐19'56	4°05'29
min. Earth dist.	-5213 Jan 07 j 14:45	3°♐24'29	0.60977 AU
morning rise	-5213 Jan 11 j 04:07	0°♐37'01	
	-5213 Jan 12 j 04:19	30°℞♏	
direct	-5213 Jan 18 j 02:19	28°♏18'59	
	-5213 Jan 24 j 08:03	0°♐	
desc. node	-5213 Jan 28 j 18:22	2°♐56'08	
morning max el	-5213 Feb 01 j 04:15	5°♐58'12	27°28'59
	-5213 Feb 19 j 06:15	0°♑	
morning set	-5213 Mar 05 j 03:53	25°♑44'25	
	-5213 Mar 07 j 04:55	0°♒	
max. Earth dist.	-5213 Mar 11 j 11:34	9°♒11'01	1.32686 AU
superior conj	-5213 Mar 12 j 09:34	11°♒10'48	0°-19'-59
minimum elong	-5213 Mar 12 j 10:27	11°♒15'40	0°20'03
asc. node	-5213 Mar 14 j 08:09	15°♒25'02	
evening rise	-5213 Mar 19 j 10:08	26°♒20'49	
	-5213 Mar 21 j 04:21	0°♓	
	-5213 Apr 07 j 18:45	0°♈	
evening max el	-5213 Apr 15 j 02:57	8°♈24'16	25°14'28
desc. node	-5213 Apr 26 j 16:59	15°♈19'54	
retrograde	-5213 Apr 29 j 04:41	15°♈34'29	
evening set	-5213 May 04 j 10:25	14°♈30'29	
min. Earth dist.	-5213 May 09 j 15:30	11°♈38'47	0.57734 AU
inferior conj	-5213 May 12 j 18:11	9°♈30'18	-3°-38'-31
minimum elong	-5213 May 12 j 13:45	9°♈38'00	3°37'46
morning rise	-5213 May 20 j 21:17	5°♈14'32	
direct	-5213 May 23 j 07:36	4°♈56'40	
morning max el	-5213 May 31 j 22:46	8°♈59'29	18°59'17
asc. node	-5213 Jun 10 j 08:05	21°♈51'25	
	-5213 Jun 14 j 18:42	0°♉	
morning set	-5213 Jun 17 j 14:05	5°♉27'12	
superior conj	-5213 Jun 26 j 04:06	22°♉15'26	1°47'45
minimum elong	-5213 Jun 26 j 02:54	22°♉09'42	1°47'56
	-5213 Jun 30 j 06:47	0°♊	
max. Earth dist.	-5213 Jul 02 j 19:05	4°♊35'06	1.38626 AU
evening rise	-5213 Jul 06 j 18:54	11°♊38'10	
	-5213 Jul 18 j 00:03	0°♋	
desc. node	-5213 Jul 23 j 15:27	8°♋29'43	
	-5213 Aug 09 j 02:55	0°♌	
evening max el	-5213 Aug 11 j 09:20	2°♌21'52	24°31'07
retrograde	-5213 Aug 22 j 16:54	8°♌59'54	
evening set	-5213 Aug 28 j 04:51	6°♌39'45	
min. Earth dist.	-5213 Sep 01 j 21:16	1°♌15'05	0.67160 AU
inferior conj	-5213 Sep 02 j 13:37	0°♌20'11	-1°-14'-49
minimum elong	-5213 Sep 02 j 15:19	0°♌14'28	1°13'52
	-5213 Sep 02 j 19:39	30°℞♋	
asc. node	-5213 Sep 06 j 07:27	25°♋44'35	
morning rise	-5213 Sep 08 j 02:04	24°♋11'51	
direct	-5213 Sep 11 j 18:39	22°♋53'24	
morning max el	-5213 Sep 19 j 16:15	27°♋30'38	20°22'06
	-5213 Sep 21 j 22:26	0°♌	
greatest brilliancy	-5213 Sep 26 j 08:58	5°♌39'07	-0.6m
	-5213 Oct 12 j 21:38	0°♍	
morning set	-5213 Oct 17 j 03:25	6°♍32'22	
desc. node	-5213 Oct 19 j 15:14	10°♍25'06	
max. Earth dist.	-5213 Oct 27 j 16:31	23°♍09'57	1.43514 AU
	-5213 Oct 31 j 21:43	0°♎	
superior conj	-5213 Nov 02 j 10:46	2°♎32'09	-1°-19'-49
minimum elong	-5213 Nov 02 j 04:20	2°♎05'36	1°19'11
evening rise	-5213 Nov 15 j 04:55	24°♎11'55	
	-5213 Nov 18 j 12:56	0°♏	
evening max el	-5213 Dec 02 j 17:01	21°♏27'51	18°11'00
asc. node	-5213 Dec 03 j 06:02	21°♏59'37	
retrograde	-5213 Dec 09 j 06:44	24°♏58'01	
evening set	-5213 Dec 11 j 23:52	24°♏20'54	
inferior conj	-5213 Dec 18 j 09:41	19°♏03'06	3°49'57
minimum elong	-5213 Dec 18 j 07:05	19°♏09'57	3°49'22
min. Earth dist.	-5213 Dec 21 j 00:03	16°♏19'35	0.62841 AU
morning rise	-5213 Dec 24 j 12:29	13°♏09'11	
direct	-5213 Dec 31 j 14:24	10°♏27'46	
morning max el	-5212 Jan 14 j 09:49	18°♏09'28	27°40'41
desc. node	-5212 Jan 15 j 15:22	19°♏24'04	
	-5212 Jan 24 j 10:38	0°♐	
	-5212 Feb 12 j 00:10	0°♑	
morning set	-5212 Feb 17 j 05:53	10°♑11'25	
max. Earth dist.	-5212 Feb 22 j 20:06	21°♑49'10	1.33089 AU
superior conj	-5212 Feb 24 j 19:04	26°♑01'06	0°-44'-15
minimum elong	-5212 Feb 24 j 20:58	26°♑11'21	0°44'11
	-5212 Feb 26 j 15:16	0°♒	
asc. node	-5212 Feb 29 j 05:08	5°♒34'09	
evening rise	-5212 Mar 02 j 21:42	11°♒17'52	
	-5212 Mar 12 j 14:00	0°♓	
evening max el	-5212 Mar 26 j 19:22	19°♓13'12	23°44'17
retrograde	-5212 Apr 09 j 11:16	26°♓00'29	
desc. node	-5212 Apr 12 j 14:10	25°♓38'53	
evening set	-5212 Apr 13 j 09:57	25°♓26'14	
min. Earth dist.	-5212 Apr 20 j 07:07	22°♓12'56	0.56163 AU
inferior conj	-5212 Apr 22 j 10:42	20°♓54'46	-2°-31'-22
minimum elong	-5212 Apr 22 j 05:16	21°♓03'02	2°29'58
morning rise	-5212 May 01 j 04:09	16°♓53'35	
direct	-5212 May 03 j 14:34	16°♓38'26	
morning max el	-5212 May 13 j 17:56	21°♓21'45	19°59'18
	-5212 May 20 j 18:18	0°♈	
asc. node	-5212 May 27 j 05:03	11°♈04'53	
morning set	-5212 May 31 j 16:45	19°♈53'48	
	-5212 Jun 05 j 15:58	0°♉	
superior conj	-5212 Jun 08 j 15:27	6°♉00'27	1°38'33
minimum elong	-5212 Jun 08 j 13:03	5°♉48'26	1°38'30
max. Earth dist.	-5212 Jun 13 j 22:56	16°♉22'53	1.36804 AU
evening rise	-5212 Jun 17 j 23:43	23°♉53'05	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5212 Jun 21 j 10:03	0°♊	
desc. node	-5212 Jul 09 j 12:32	28°♊26'41	
	-5212 Jul 10 j 15:28	0°♋	
evening max el	-5212 Jul 23 j 19:56	15°♋52'01	25°44'30
retrograde	-5212 Aug 05 j 02:09	22°♋55'35	
evening set	-5212 Aug 11 j 05:08	20°♋19'03	
min. Earth dist.	-5212 Aug 15 j 12:45	15°♋32'13	0.66633 AU
inferior conj	-5212 Aug 16 j 16:39	14°♋02'47	-2°-4'-53
minimum elong	-5212 Aug 16 j 19:22	13°♋54'03	2°03'37
morning rise	-5212 Aug 22 j 10:11	8°♋04'17	
asc. node	-5212 Aug 23 j 04:33	7°♋38'35	
direct	-5212 Aug 25 j 16:53	7°♋02'00	
morning max el	-5212 Sep 01 j 20:43	11°♋07'33	19°21'15
greatest brilliancy	-5212 Sep 12 j 02:02	24°♋38'47	-0.7m
	-5212 Sep 15 j 14:42	0°♌	
morning set	-5212 Sep 25 j 08:17	15°♌08'30	
	-5212 Oct 04 j 19:43	0°♍	
desc. node	-5212 Oct 05 j 12:06	1°♍04'27	
max. Earth dist.	-5212 Oct 09 j 07:33	7°♍05'13	1.44501 AU
superior conj	-5212 Oct 12 j 00:42	11°♍23'39	0°-40'-15
minimum elong	-5212 Oct 11 j 19:51	11°♍04'25	0°39'32
	-5212 Oct 23 j 13:07	0°♎	
evening rise	-5212 Oct 26 j 19:04	5°♎21'06	
	-5212 Nov 11 j 06:13	0°♏	
evening max el	-5212 Nov 15 j 05:39	4°♏50'11	18°30'56
asc. node	-5212 Nov 19 j 03:11	7°♏50'33	
retrograde	-5212 Nov 21 j 20:49	8°♏30'56	
evening set	-5212 Nov 24 j 18:26	7°♏44'26	
inferior conj	-5212 Nov 30 j 19:36	2°♏07'55	3°19'16
minimum elong	-5212 Nov 30 j 16:20	2°♏17'25	3°18'21
	-5212 Dec 02 j 15:34	30°℞♎	
min. Earth dist.	-5212 Dec 02 j 19:23	29°♎49'05	0.64414 AU
morning rise	-5212 Dec 06 j 12:57	26°♎03'49	
direct	-5212 Dec 13 j 09:20	23°♎14'22	
	-5212 Dec 25 j 20:53	0°♏	
morning max el	-5212 Dec 26 j 18:47	0°♏53'02	27°17'41
desc. node	-5211 Jan 01 j 12:20	7°♏12'43	
	-5211 Jan 17 j 11:30	0°♐	
morning set	-5211 Jan 30 j 23:30	24°♐08'47	
	-5211 Feb 02 j 22:06	0°♑	
max. Earth dist.	-5211 Feb 04 j 20:43	3°♑58'09	1.33900 AU
superior conj	-5211 Feb 08 j 00:46	10°♑35'33	-1°-7'-4
minimum elong	-5211 Feb 08 j 03:25	10°♑49'37	1°06'57
evening rise	-5211 Feb 15 j 08:35	26°♑07'44	
asc. node	-5211 Feb 15 j 02:08	25°♑34'04	
	-5211 Feb 17 j 05:34	0°♒	
evening max el	-5211 Mar 08 j 13:58	0°♓00'53	22°10'32
	-5211 Mar 08 j 13:35	0°♓	
retrograde	-5211 Mar 21 j 05:48	6°♓08'47	
evening set	-5211 Mar 24 j 03:49	5°♓49'59	
desc. node	-5211 Mar 30 j 11:21	3°♓22'00	
inferior conj	-5211 Apr 02 j 11:08	1°♓42'43	0°-48'-57
minimum elong	-5211 Apr 02 j 08:54	1°♓45'53	0°48'22
min. Earth dist.	-5211 Apr 01 j 21:16	2°♓02'19	0.55306 AU
	-5211 Apr 05 j 14:09	30°℞♒	
morning rise	-5211 Apr 11 j 15:25	27°♒43'48	
direct	-5211 Apr 14 j 06:42	27°♒28'04	
	-5211 Apr 22 j 05:36	0°♓	
morning max el	-5211 Apr 26 j 02:18	3°♓02'40	21°18'26
	-5211 May 13 j 17:39	0°♈	
asc. node	-5211 May 14 j 02:00	0°♈41'50	
morning set	-5211 May 16 j 00:36	4°♈39'02	
superior conj	-5211 May 23 j 12:49	20°♈17'47	1°23'31
minimum elong	-5211 May 23 j 10:04	20°♈03'32	1°23'15
max. Earth dist.	-5211 May 27 j 10:36	28°♈15'22	1.35258 AU
	-5211 May 28 j 07:36	0°♉	
evening rise	-5211 May 31 j 23:12	7°♉05'16	
	-5211 Jun 14 j 02:07	0°♊	
desc. node	-5211 Jun 26 j 09:39	17°♊54'59	
evening max el	-5211 Jul 06 j 07:00	29°♊19'50	26°42'39
	-5211 Jul 06 j 23:47	0°♋	
retrograde	-5211 Jul 19 j 06:31	6°♋38'47	
evening set	-5211 Jul 25 j 22:38	3°♋52'23	
	-5211 Jul 29 j 17:00	30°℞♊	
min. Earth dist.	-5211 Jul 29 j 22:10	29°♊44'48	0.65740 AU
inferior conj	-5211 Jul 31 j 15:03	27°♊42'21	-2°-50'-39
minimum elong	-5211 Jul 31 j 18:27	27°♊32'10	2°49'22
morning rise	-5211 Aug 06 j 15:16	21°♊57'01	
direct	-5211 Aug 09 j 14:18	21°♊07'50	
asc. node	-5211 Aug 10 j 01:38	21°♊09'05	
morning max el	-5211 Aug 16 j 06:59	24°♊50'36	18°36'01
	-5211 Aug 20 j 13:30	0°♋	
morning set	-5211 Sep 05 j 11:56	24°♋52'36	
	-5211 Sep 08 j 16:10	0°♌	
superior conj	-5211 Sep 21 j 00:15	19°♌38'22	0°08'35
minimum elong	-5211 Sep 21 j 01:24	19°♌42'53	0°08'38
behind sun begin	-5211 Sep 20 j 15:38	19°♌04'21	
behind sun end	-5211 Sep 21 j 11:09	20°♌21'23	
max. Earth dist.	-5211 Sep 22 j 01:32	21°♌18'05	1.44779 AU
desc. node	-5211 Sep 22 j 09:01	21°♌47'36	
	-5211 Sep 27 j 14:00	0°♍	
evening rise	-5211 Oct 07 j 08:20	15°♍25'37	
	-5211 Oct 16 j 13:30	0°♎	
evening max el	-5211 Oct 29 j 16:00	18°♎16'26	19°08'16
retrograde	-5211 Nov 05 j 15:52	22°♎16'45	
asc. node	-5211 Nov 06 j 00:21	22°♎16'02	
evening set	-5211 Nov 08 j 19:51	21°♎18'41	
inferior conj	-5211 Nov 14 j 14:15	15°♎26'36	2°38'47
minimum elong	-5211 Nov 14 j 11:09	15°♎36'21	2°37'44
min. Earth dist.	-5211 Nov 16 j 00:09	13°♎40'05	0.65638 AU
morning rise	-5211 Nov 20 j 01:33	9°♎14'53	
direct	-5211 Nov 26 j 10:34	6°♎30'25	
morning max el	-5211 Dec 09 j 04:42	13°♎57'09	26°25'38
desc. node	-5211 Dec 19 j 09:17	25°♎58'13	
	-5211 Dec 22 j 08:12	0°♏	
	-5210 Jan 10 j 03:56	0°♐	
morning set	-5210 Jan 14 j 04:59	7°♐25'07	
max. Earth dist.	-5210 Jan 18 j 10:21	15°♐32'59	1.35147 AU
superior conj	-5210 Jan 23 j 00:25	24°♐47'08	-1°-27'-7
minimum elong	-5210 Jan 23 j 03:23	25°♐02'18	1°27'04
	-5210 Jan 25 j 12:58	0°♑	
evening rise	-5210 Jan 30 j 16:58	10°♑44'24	
asc. node	-5210 Feb 01 j 23:11	15°♑20'05	
	-5210 Feb 09 j 23:31	0°♒	
evening max el	-5210 Feb 18 j 16:23	11°♒12'01	20°45'30
retrograde	-5210 Mar 01 j 19:47	16°♒29'32	
evening set	-5210 Mar 04 j 06:03	16°♒15'26	
inferior conj	-5210 Mar 13 j 06:56	12°♒17'23	1°06'11
minimum elong	-5210 Mar 13 j 09:49	12°♒13'12	1°05'00
min. Earth dist.	-5210 Mar 14 j 11:26	11°♒36'14	0.55357 AU
desc. node	-5210 Mar 17 j 08:30	10°♒01'36	
morning rise	-5210 Mar 22 j 12:05	8°♒02'33	
direct	-5210 Mar 25 j 19:13	7°♒38'52	
morning max el	-5210 Apr 08 j 00:32	14°♒04'55	22°52'01
	-5210 Apr 20 j 03:40	0°♓	
morning set	-5210 Apr 30 j 11:34	19°♓36'16	
asc. node	-5210 Apr 30 j 22:57	20°♓35'46	
	-5210 May 05 j 09:13	0°♈	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5210 May 07 j 17:03	4°♈57'33	1°04'24
minimum elong	-5210 May 07 j 14:34	4°♈44'25	1°04'00
max. Earth dist.	-5210 May 10 j 08:02	10°♈29'16	1.34071 AU
evening rise	-5210 May 15 j 12:17	21°♈00'07	
	-5210 May 20 j 05:25	0°♉	
	-5210 Jun 07 j 23:43	0°♊	
desc. node	-5210 Jun 13 j 06:49	6°♊42'19	
evening max el	-5210 Jun 18 j 17:59	12°♊35'41	27°17'53
retrograde	-5210 Jul 02 j 05:38	20°♊01'21	
evening set	-5210 Jul 09 j 06:31	17°♊15'45	
min. Earth dist.	-5210 Jul 12 j 23:31	13°♊45'13	0.64456 AU
inferior conj	-5210 Jul 15 j 06:29	11°♊14'33	-3°-29'-41
minimum elong	-5210 Jul 15 j 09:56	11°♊05'04	3°28'41
morning rise	-5210 Jul 21 j 14:56	5°♊45'27	
direct	-5210 Jul 24 j 08:28	5°♊06'29	
asc. node	-5210 Jul 27 j 22:43	6°♊13'04	
morning max el	-5210 Jul 30 j 20:46	8°♊35'17	18°07'43
	-5210 Aug 14 j 07:00	0°♋	
morning set	-5210 Aug 17 j 18:32	5°♋53'20	
superior conj	-5210 Aug 31 j 08:05	28°♋20'54	0°54'07
minimum elong	-5210 Aug 31 j 13:42	28°♋43'33	0°53'43
	-5210 Sep 01 j 08:42	0°♌	
max. Earth dist.	-5210 Sep 04 j 18:38	5°♌27'22	1.44333 AU
desc. node	-5210 Sep 09 j 05:57	12°♌31'12	
evening rise	-5210 Sep 16 j 22:09	24°♌29'06	
	-5210 Sep 20 j 11:50	0°♍	
greatest brilliancy	-5210 Oct 05 j 14:39	22°♍36'28	-0.6m
	-5210 Oct 11 j 08:09	0°♎	
evening max el	-5210 Oct 12 j 21:49	1°♎42'47	20°01'23
retrograde	-5210 Oct 20 j 12:53	6°♎10'33	
asc. node	-5210 Oct 23 j 21:33	5°♎04'47	
evening set	-5210 Oct 24 j 01:31	4°♎58'08	
	-5210 Oct 28 j 18:54	30°℞♍	
inferior conj	-5210 Oct 29 j 14:54	28°♍54'03	1°51'52
minimum elong	-5210 Oct 29 j 12:30	29°♍02'01	1°51'00
min. Earth dist.	-5210 Oct 30 j 12:24	27°♍42'40	0.66523 AU
morning rise	-5210 Nov 03 j 22:51	22°♍37'29	
direct	-5210 Nov 09 j 17:31	20°♍07'12	
morning max el	-5210 Nov 21 j 13:47	27°♍09'00	25°12'46
	-5210 Nov 24 j 06:12	0°♎	
desc. node	-5210 Dec 06 j 06:12	15°♎23'00	
	-5210 Dec 16 j 00:02	0°♏	
morning set	-5210 Dec 27 j 17:14	19°♏44'36	
max. Earth dist.	-5210 Dec 31 j 12:35	26°♏42'17	1.36818 AU
	-5209 Jan 02 j 06:36	0°♐	
superior conj	-5209 Jan 06 j 15:03	8°♐26'14	-1°-42'-42
minimum elong	-5209 Jan 06 j 17:33	8°♐38'32	1°42'47
evening rise	-5209 Jan 14 j 20:45	25°♐00'32	
	-5209 Jan 17 j 08:55	0°♑	
asc. node	-5209 Jan 19 j 20:15	4°♑45'40	
evening max el	-5209 Feb 01 j 05:13	22°♑57'52	19°36'39
retrograde	-5209 Feb 10 j 16:48	27°♑27'16	
evening set	-5209 Feb 13 j 01:34	27°♑11'46	
inferior conj	-5209 Feb 21 j 12:01	23°♑07'01	2°42'27
minimum elong	-5209 Feb 21 j 17:13	22°♑58'40	2°40'49
min. Earth dist.	-5209 Feb 24 j 02:05	21°♑28'01	0.56296 AU
morning rise	-5209 Mar 02 j 05:23	18°♑24'11	
desc. node	-5209 Mar 04 j 05:39	17°♑53'01	
direct	-5209 Mar 06 j 16:24	17°♑39'18	
morning max el	-5209 Mar 20 j 16:22	24°♑43'28	24°30'33
	-5209 Mar 25 j 12:37	0°♒	
	-5209 Apr 12 j 17:48	0°♓	
morning set	-5209 Apr 14 j 23:50	4°♓39'11	
asc. node	-5209 Apr 17 j 19:54	10°♓41'10	
superior conj	-5209 Apr 22 j 01:41	19°♓51'38	0°42'30
minimum elong	-5209 Apr 21 j 23:54	19°♓42'02	0°42'05
max. Earth dist.	-5209 Apr 23 j 14:09	23°♓08'14	1.33247 AU
	-5209 Apr 26 j 19:47	0°♈	
evening rise	-5209 Apr 29 j 10:55	5°♈25'06	
	-5209 May 12 j 20:55	0°♉	
desc. node	-5209 May 31 j 04:00	24°♉31'25	
evening max el	-5209 Jun 01 j 03:15	25°♉28'31	27°24'00
	-5209 Jun 06 j 16:23	0°♊	
retrograde	-5209 Jun 14 j 22:52	2°♊54'22	
evening set	-5209 Jun 22 j 01:19	0°♊23'22	
	-5209 Jun 22 j 14:11	30°℞♉	
min. Earth dist.	-5209 Jun 25 j 15:31	27°♉22'25	0.62801 AU
inferior conj	-5209 Jun 28 j 12:09	24°♉33'54	-3°-58'-19
minimum elong	-5209 Jun 28 j 14:43	24°♉27'33	3°57'48
morning rise	-5209 Jul 05 j 06:23	19°♉23'40	
direct	-5209 Jul 07 j 20:26	18°♉52'25	
morning max el	-5209 Jul 14 j 11:27	22°♉16'16	17°57'21
asc. node	-5209 Jul 14 j 19:46	22°♉37'11	
	-5209 Jul 20 j 11:03	0°♊	
morning set	-5209 Jul 31 j 00:28	18°♊01'03	
	-5209 Aug 06 j 20:08	0°♋	
superior conj	-5209 Aug 11 j 16:32	8°♋17'09	1°26'50
minimum elong	-5209 Aug 11 j 21:55	8°♋39'50	1°26'39
max. Earth dist.	-5209 Aug 18 j 08:13	19°♋16'43	1.43234 AU
	-5209 Aug 25 j 01:37	0°♌	
evening rise	-5209 Aug 27 j 01:22	3°♌06'32	
desc. node	-5209 Aug 27 j 02:55	3°♌12'34	
	-5209 Sep 14 j 00:26	0°♍	
greatest brilliancy	-5209 Sep 20 j 11:09	8°♍46'53	-0.5m
evening max el	-5209 Sep 25 j 21:43	15°♍08'42	21°07'55
retrograde	-5209 Oct 04 j 09:42	20°♍10'25	
evening set	-5209 Oct 08 j 09:19	18°♍40'51	
asc. node	-5209 Oct 10 j 18:44	16°♍22'36	
inferior conj	-5209 Oct 13 j 19:20	12°♍28'10	1°01'03
minimum elong	-5209 Oct 13 j 17:57	12°♍32'54	1°00'35
min. Earth dist.	-5209 Oct 14 j 05:44	11°♍52'31	0.67092 AU
morning rise	-5209 Oct 19 j 02:11	6°♍09'53	
direct	-5209 Oct 24 j 05:38	3°♍59'04	
morning max el	-5209 Nov 03 j 22:45	10°♍23'19	23°48'49
	-5209 Nov 19 j 11:59	0°♎	
desc. node	-5209 Nov 23 j 03:06	5°♎16'03	
	-5209 Dec 08 j 18:07	0°♏	
morning set	-5209 Dec 09 j 06:14	0°♏51'25	
max. Earth dist.	-5209 Dec 13 j 08:38	7°♏58'00	1.38803 AU
superior conj	-5209 Dec 20 j 16:53	21°♏22'49	-1°-51'-25
minimum elong	-5209 Dec 20 j 17:48	21°♏27'11	1°51'38
	-5209 Dec 25 j 04:53	0°♐	
evening rise	-5209 Dec 29 j 17:35	8°♐50'10	
asc. node	-5208 Jan 06 j 17:21	23°♐43'54	
	-5208 Jan 10 j 17:19	0°♑	
evening max el	-5208 Jan 15 j 03:53	5°♑17'49	18°47'03
retrograde	-5208 Jan 23 j 06:16	9°♑12'08	
evening set	-5208 Jan 25 j 17:05	8°♑52'07	
inferior conj	-5208 Feb 02 j 11:22	4°♑29'46	3°41'56
minimum elong	-5208 Feb 02 j 15:02	4°♑22'59	3°41'05
min. Earth dist.	-5208 Feb 05 j 18:06	2°♑05'13	0.57904 AU
	-5208 Feb 09 j 01:11	30°℞♐	
morning rise	-5208 Feb 10 j 09:21	29°♐19'45	
direct	-5208 Feb 16 j 02:30	28°♐00'10	
desc. node	-5208 Feb 19 j 02:46	28°♐22'12	
	-5208 Feb 23 j 05:41	0°♑	
morning max el	-5208 Mar 01 j 07:48	5°♑24'45	26°00'01
	-5208 Mar 19 j 06:29	0°♒	
morning set	-5208 Mar 29 j 11:41	19°♒41'23	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5208 Apr 03 j 07:05	0°♓	
asc. node	-5208 Apr 03 j 16:50	0°♓53'10	
superior conj	-5208 Apr 05 j 12:43	4°♓52'45	0°18'50
minimum elong	-5208 Apr 05 j 11:54	4°♓48'18	0°18'30
max. Earth dist.	-5208 Apr 06 j 01:56	6°♓04'53	1.32772 AU
evening rise	-5208 Apr 12 j 16:02	20°♓09'37	
	-5208 Apr 17 j 14:23	0°♈	
	-5208 May 06 j 09:11	0°♉	
evening max el	-5208 May 13 j 08:20	7°♉46'09	26°57'25
desc. node	-5208 May 17 j 01:12	10°♉57'17	
retrograde	-5208 May 27 j 08:41	15°♉08'28	
evening set	-5208 Jun 03 j 02:53	13°♉05'49	
min. Earth dist.	-5208 Jun 06 j 21:52	10°♉21'23	0.60869 AU
inferior conj	-5208 Jun 10 j 04:37	7°♉31'41	-4°-11'00
minimum elong	-5208 Jun 10 j 05:03	7°♉30'44	4°10'51
morning rise	-5208 Jun 17 j 10:18	2°♉42'31	
direct	-5208 Jun 19 j 22:27	2°♉17'14	
morning max el	-5208 Jun 27 j 00:15	5°♉45'58	18°05'50
asc. node	-5208 Jun 30 j 16:46	10°♉05'00	
	-5208 Jul 12 j 11:08	0°♊	
morning set	-5208 Jul 13 j 00:17	1°♊00'57	
superior conj	-5208 Jul 23 j 04:14	19°♊34'14	1°44'37
minimum elong	-5208 Jul 23 j 06:55	19°♊46'06	1°44'46
	-5208 Jul 29 j 04:40	0°♋	
max. Earth dist.	-5208 Jul 30 j 16:34	2°♋31'10	1.41631 AU
evening rise	-5208 Aug 05 j 14:31	12°♋12'54	
desc. node	-5208 Aug 12 j 23:56	23°♋47'38	
	-5208 Aug 17 j 02:36	0°♌	
greatest brilliancy	-5208 Sep 02 j 22:01	23°♌14'36	-0.3m
evening max el	-5208 Sep 07 j 15:24	28°♌33'23	22°24'16
	-5208 Sep 09 j 03:16	0°♍	
retrograde	-5208 Sep 17 j 04:37	4°♍13'23	
evening set	-5208 Sep 21 j 17:21	2°♍24'19	
	-5208 Sep 24 j 02:30	30°℞♌	
asc. node	-5208 Sep 26 j 15:53	26°♌39'53	
inferior conj	-5208 Sep 27 j 01:35	26°♌06'24	0°08'15
minimum elong	-5208 Sep 27 j 01:23	26°♌07'05	0°08'21
transit middle	-5208 Sep 27 j 01:23	26°♌07'05	0°08'21
transit begin	-5208 Sep 26 j 23:04	26°♌15'06	
transit end	-5208 Sep 27 j 03:42	25°♌59'04	
min. Earth dist.	-5208 Sep 27 j 01:37	26°♌06'15	0.67357 AU
morning rise	-5208 Oct 02 j 09:16	19°♌49'37	
direct	-5208 Oct 06 j 21:56	18°♌00'07	
morning max el	-5208 Oct 16 j 10:27	23°♌40'41	22°23'10
greatest brilliancy	-5208 Oct 21 j 04:07	29°♌02'08	-0.3m
	-5208 Oct 21 j 22:49	0°♍	
desc. node	-5208 Nov 09 j 00:00	25°♍28'56	
	-5208 Nov 11 j 22:40	0°♎	
morning set	-5208 Nov 18 j 15:09	10°♎35'18	
max. Earth dist.	-5208 Nov 24 j 06:53	19°♎55'54	1.40851 AU
	-5208 Nov 30 j 02:59	0°♏	
superior conj	-5208 Dec 02 j 00:53	3°♏23'49	-1°-50'-13
minimum elong	-5208 Dec 01 j 22:58	3°♏15'17	1°50'19
evening rise	-5208 Dec 12 j 04:28	22°♏06'35	
	-5208 Dec 16 j 10:19	0°♐	
asc. node	-5208 Dec 23 j 14:27	12°♐05'59	
evening max el	-5208 Dec 28 j 10:03	18°♐04'53	18°17'31
retrograde	-5207 Jan 04 j 14:17	21°♐39'48	
evening set	-5207 Jan 07 j 03:12	21°♐13'58	
inferior conj	-5207 Jan 14 j 06:57	16°♐29'38	4°05'20
minimum elong	-5207 Jan 14 j 07:38	16°♐28'10	4°05'02
min. Earth dist.	-5207 Jan 17 j 14:19	13°♐40'16	0.59840 AU
morning rise	-5207 Jan 21 j 09:08	10°♐58'25	
direct	-5207 Jan 28 j 00:05	9°♐00'14	
desc. node	-5207 Feb 04 j 23:50	11°♐36'39	
morning max el	-5207 Feb 11 j 04:09	16°♐34'49	27°05'59
	-5207 Feb 22 j 05:55	0°♑	
	-5207 Mar 11 j 15:19	0°♒	
morning set	-5207 Mar 13 j 21:24	4°♒36'33	
max. Earth dist.	-5207 Mar 20 j 15:39	19°♒06'35	1.32625 AU
superior conj	-5207 Mar 21 j 00:29	19°♒54'55	0°-5'-45
minimum elong	-5207 Mar 21 j 00:45	19°♒56'22	0°05'55
behind sun begin	-5207 Mar 20 j 20:05	19°♒30'49	
behind sun end	-5207 Mar 21 j 05:25	20°♒21'55	
asc. node	-5207 Mar 21 j 13:47	21°♒07'43	
	-5207 Mar 25 j 15:43	0°♓	
evening rise	-5207 Mar 28 j 01:13	5°♓05'08	
	-5207 Apr 10 j 09:40	0°♈	
evening max el	-5207 Apr 25 j 07:17	19°♈22'17	25°59'19
desc. node	-5207 May 03 j 22:21	25°♈27'19	
retrograde	-5207 May 09 j 09:32	26°♈38'30	
evening set	-5207 May 15 j 07:49	25°♈12'48	
min. Earth dist.	-5207 May 19 j 19:56	22°♈28'31	0.58843 AU
inferior conj	-5207 May 23 j 04:13	19°♈58'47	-3°-59'-42
minimum elong	-5207 May 23 j 01:30	20°♈03'53	3°59'21
morning rise	-5207 May 30 j 23:05	15°♈31'34	
direct	-5207 Jun 02 j 10:12	15°♈11'08	
morning max el	-5207 Jun 10 j 08:23	18°♈56'56	18°33'59
asc. node	-5207 Jun 17 j 13:44	28°♈22'40	
	-5207 Jun 18 j 13:24	0°♉	
morning set	-5207 Jun 26 j 13:17	14°♉41'29	
	-5207 Jul 04 j 12:59	0°♊	
superior conj	-5207 Jul 05 j 14:51	2°♊01'04	1°49'33
minimum elong	-5207 Jul 05 j 14:48	2°♊00'54	1°49'47
max. Earth dist.	-5207 Jul 12 j 19:45	15°♊02'37	1.39742 AU
evening rise	-5207 Jul 17 j 03:44	22°♊28'33	
	-5207 Jul 21 j 17:20	0°♋	
desc. node	-5207 Jul 30 j 20:57	14°♋12'11	
	-5207 Aug 11 j 01:38	0°♌	
evening max el	-5207 Aug 21 j 04:12	11°♌58'21	23°45'09
retrograde	-5207 Aug 31 j 20:30	18°♌16'40	
evening set	-5207 Sep 05 j 23:52	16°♌07'18	
inferior conj	-5207 Sep 11 j 07:56	9°♌47'22	0°-44'-47
minimum elong	-5207 Sep 11 j 08:57	9°♌43'52	0°44'08
min. Earth dist.	-5207 Sep 10 j 21:38	10°♌22'28	0.67321 AU
asc. node	-5207 Sep 13 j 13:01	6°♌51'59	
morning rise	-5207 Sep 16 j 18:11	3°♌35'14	
direct	-5207 Sep 20 j 17:30	2°♌06'15	
morning max el	-5207 Sep 29 j 03:56	7°♌04'47	21°03'19
greatest brilliancy	-5207 Oct 04 j 19:25	13°♌42'45	-0.5m
	-5207 Oct 16 j 08:55	0°♍	
desc. node	-5207 Oct 26 j 20:52	15°♍55'26	
morning set	-5207 Oct 28 j 22:49	19°♍09'46	
	-5207 Nov 04 j 18:37	0°♎	
max. Earth dist.	-5207 Nov 06 j 11:58	2°♎47'39	1.42669 AU
superior conj	-5207 Nov 13 j 09:13	14°♎14'10	-1°-35'-32
minimum elong	-5207 Nov 13 j 03:57	13°♎51'53	1°35'12
	-5207 Nov 22 j 10:38	0°♏	
evening rise	-5207 Nov 25 j 01:40	4°♏41'15	
asc. node	-5207 Dec 10 j 11:35	29°♏40'24	
	-5207 Dec 10 j 18:25	0°♐	
evening max el	-5207 Dec 11 j 20:53	1°♐10'32	18°07'48
retrograde	-5207 Dec 18 j 13:25	4°♐39'32	
evening set	-5207 Dec 21 j 04:39	4°♐06'58	
	-5207 Dec 26 j 19:59	30°℞♏	
inferior conj	-5207 Dec 27 j 20:20	29°♏00'45	4°01'18
minimum elong	-5207 Dec 27 j 18:36	29°♏05'01	4°00'55
min. Earth dist.	-5207 Dec 30 j 18:17	26°♏09'24	0.61793 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning rise	-5206 Jan 03 j 06:21	23°♏13'42	
direct	-5206 Jan 10 j 07:13	20°♏44'15	
desc. node	-5206 Jan 22 j 20:53	27°♏04'26	
morning max el	-5206 Jan 24 j 06:59	28°♏24'53	27°38'31
	-5206 Jan 25 j 20:31	0°♐	
	-5206 Feb 15 j 23:09	0°♑	
morning set	-5206 Feb 26 j 02:54	19°♑16'17	
	-5206 Mar 03 j 05:28	0°♒	
max. Earth dist.	-5206 Mar 04 j 03:17	1°♒57'38	1.32815 AU
superior conj	-5206 Mar 05 j 11:17	4°♒51'01	0°-30'-23
minimum elong	-5206 Mar 05 j 12:37	4°♒58'17	0°30'23
asc. node	-5206 Mar 08 j 10:45	11°♒19'47	
evening rise	-5206 Mar 12 j 12:24	20°♒03'13	
	-5206 Mar 17 j 10:03	0°♓	
	-5206 Apr 06 j 15:40	0°♈	
evening max el	-5206 Apr 07 j 00:43	0°♈21'54	24°37'17
retrograde	-5206 Apr 20 j 23:34	7°♈24'42	
desc. node	-5206 Apr 20 j 19:32	7°♈24'38	
evening set	-5206 Apr 25 j 16:18	6°♈34'39	
min. Earth dist.	-5206 May 01 j 12:51	3°♈35'16	0.57002 AU
inferior conj	-5206 May 04 j 08:03	1°♈46'17	-3°-14'-52
minimum elong	-5206 May 04 j 02:46	1°♈54'56	3°13'45
	-5206 May 07 j 03:57	30°℞♓	
morning rise	-5206 May 12 j 17:26	27°♓38'12	
direct	-5206 May 15 j 03:35	27°♓21'46	
	-5206 May 22 j 09:19	0°♈	
morning max el	-5206 May 24 j 09:04	1°♈39'34	19°22'25
asc. node	-5206 Jun 04 j 10:42	17°♈18'09	
morning set	-5206 Jun 10 j 11:46	28°♈53'01	
	-5206 Jun 11 j 01:14	0°♉	
superior conj	-5206 Jun 18 j 18:36	15°♉21'34	1°44'41
minimum elong	-5206 Jun 18 j 16:46	15°♉12'39	1°44'48
max. Earth dist.	-5206 Jun 24 j 21:12	26°♉57'53	1.37822 AU
	-5206 Jun 26 j 13:04	0°♊	
evening rise	-5206 Jun 28 j 19:12	4°♊02'12	
	-5206 Jul 14 j 18:37	0°♋	
desc. node	-5206 Jul 17 j 17:59	4°♋21'00	
evening max el	-5206 Aug 03 j 14:41	25°♋25'53	25°03'39
	-5206 Aug 09 j 01:19	0°♌	
retrograde	-5206 Aug 15 j 08:31	2°♌16'37	
	-5206 Aug 20 j 21:41	30°℞♋	
evening set	-5206 Aug 21 j 03:01	29°♋48'37	
min. Earth dist.	-5206 Aug 25 j 15:29	24°♋39'56	0.66973 AU
inferior conj	-5206 Aug 26 j 12:41	23°♋29'55	-1°-36'-27
minimum elong	-5206 Aug 26 j 14:51	23°♋22'47	1°35'21
asc. node	-5206 Aug 31 j 10:08	17°♋57'05	
morning rise	-5206 Sep 01 j 03:07	17°♋25'33	
direct	-5206 Sep 04 j 15:08	16°♋14'34	
morning max el	-5206 Sep 12 j 04:34	20°♋37'30	19°54'31
	-5206 Sep 19 j 16:53	0°♌	
greatest brilliancy	-5206 Sep 19 j 22:08	0°♌18'23	-0.6m
morning set	-5206 Oct 07 j 21:56	27°♌26'13	
	-5206 Oct 09 j 13:32	0°♍	
desc. node	-5206 Oct 13 j 17:45	6°♍31'14	
max. Earth dist.	-5206 Oct 19 j 23:36	16°♍23'08	1.44006 AU
superior conj	-5206 Oct 24 j 13:56	23°♍46'11	-1°-4'-47
minimum elong	-5206 Oct 24 j 07:29	23°♍20'06	1°04'01
	-5206 Oct 28 j 09:34	0°♎	
evening rise	-5206 Nov 07 j 04:36	16°♎24'46	
	-5206 Nov 15 j 05:12	0°♏	
evening max el	-5206 Nov 25 j 09:38	14°♏28'28	18°17'15
asc. node	-5206 Nov 27 j 08:44	16°♏13'40	
retrograde	-5206 Dec 01 j 23:14	18°♏02'20	
evening set	-5206 Dec 04 j 17:56	17°♏21'39	
inferior conj	-5206 Dec 10 j 23:50	11°♏55'36	3°38'27
minimum elong	-5206 Dec 10 j 20:50	12°♏03'52	3°37'42
min. Earth dist.	-5206 Dec 13 j 08:05	9°♏20'58	0.63544 AU
morning rise	-5206 Dec 16 j 22:07	5°♏56'42	
direct	-5206 Dec 23 j 22:30	3°♏09'57	
morning max el	-5205 Jan 06 j 14:34	10°♏52'09	27°34'53
desc. node	-5205 Jan 09 j 17:54	14°♏10'18	
	-5205 Jan 21 j 19:07	0°♐	
	-5205 Feb 08 j 06:39	0°♑	
morning set	-5205 Feb 10 j 01:46	3°♑32'07	
max. Earth dist.	-5205 Feb 15 j 08:51	14°♑24'09	1.33383 AU
superior conj	-5205 Feb 17 j 19:25	19°♑35'16	0°-54'-11
minimum elong	-5205 Feb 17 j 21:41	19°♑47'23	0°54'04
	-5205 Feb 22 j 15:46	0°♒	
asc. node	-5205 Feb 23 j 07:45	1°♒25'19	
evening rise	-5205 Feb 24 j 23:53	4°♒57'34	
	-5205 Mar 10 j 16:04	0°♓	
evening max el	-5205 Mar 19 j 17:10	11°♓06'19	23°03'56
retrograde	-5205 Apr 02 j 01:08	17°♓39'26	
evening set	-5205 Apr 05 j 11:39	17°♓13'33	
desc. node	-5205 Apr 07 j 16:44	16°♓31'31	
min. Earth dist.	-5205 Apr 13 j 03:52	13°♓47'08	0.55695 AU
inferior conj	-5205 Apr 14 j 16:47	12°♓53'13	-1°-51'-22
minimum elong	-5205 Apr 14 j 12:12	12°♓59'56	1°50'04
morning rise	-5205 Apr 23 j 15:38	8°♓54'55	
direct	-5205 Apr 26 j 02:52	8°♓40'16	
morning max el	-5205 May 06 j 23:50	13°♓44'53	20°30'49
	-5205 May 18 j 17:40	0°♈	
asc. node	-5205 May 22 j 07:38	6°♈42'02	
morning set	-5205 May 25 j 16:53	13°♈27'45	
superior conj	-5205 Jun 02 j 10:39	29°♈21'23	1°32'45
minimum elong	-5205 Jun 02 j 08:00	29°♈07'57	1°32'38
	-5205 Jun 02 j 18:16	0°♉	
max. Earth dist.	-5205 Jun 07 j 03:22	8°♉42'14	1.36102 AU
evening rise	-5205 Jun 11 j 08:36	16°♉43'07	
	-5205 Jun 18 j 20:31	0°♊	
desc. node	-5205 Jul 04 j 15:04	24°♊06'44	
	-5205 Jul 09 j 03:05	0°♋	
evening max el	-5205 Jul 17 j 01:17	8°♋55'08	26°11'40
retrograde	-5205 Jul 29 j 15:56	16°♋07'21	
evening set	-5205 Aug 05 j 00:43	13°♋25'36	
min. Earth dist.	-5205 Aug 09 j 04:45	8°♋55'18	0.66289 AU
inferior conj	-5205 Aug 10 j 14:00	7°♋11'22	-2°-24'-59
minimum elong	-5205 Aug 10 j 17:04	7°♋01'48	2°23'41
morning rise	-5205 Aug 16 j 10:11	1°♋17'58	
asc. node	-5205 Aug 18 j 07:15	0°♋30'42	
direct	-5205 Aug 19 j 13:15	0°♋21'46	
morning max el	-5205 Aug 26 j 11:42	4°♋17'00	18°59'59
	-5205 Sep 13 j 09:17	0°♌	
morning set	-5205 Sep 17 j 11:00	6°♌26'47	
desc. node	-5205 Sep 30 j 14:37	27°♌12'12	
	-5205 Oct 02 j 09:10	0°♍	
max. Earth dist.	-5205 Oct 02 j 15:38	0°♍25'30	1.44702 AU
superior conj	-5205 Oct 03 j 19:21	2°♍14'53	0°-19'-59
minimum elong	-5205 Oct 03 j 16:47	2°♍04'44	0°19'31
evening rise	-5205 Oct 19 j 08:22	27°♍06'05	
	-5205 Oct 21 j 03:13	0°♎	
evening max el	-5205 Nov 08 j 21:37	27°♎52'36	18°44'51
	-5205 Nov 11 j 06:58	0°♏	
asc. node	-5205 Nov 14 j 05:56	1°♏29'37	
retrograde	-5205 Nov 15 j 15:43	1°♏40'37	
evening set	-5205 Nov 18 j 15:44	0°♏49'38	
	-5205 Nov 19 j 21:27	30°℞♎	
inferior conj	-5205 Nov 24 j 13:49	25°♎06'24	3°03'04

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5205 Nov 24 j 10:33	25°♎16'16	3°02'04
min. Earth dist.	-5205 Nov 26 j 07:40	23°♎00'24	0.64978 AU
morning rise	-5205 Nov 30 j 04:14	18°♎58'44	
direct	-5205 Dec 06 j 20:26	16°♎09'36	
morning max el	-5205 Dec 20 j 00:02	23°♎44'59	26°58'34
	-5205 Dec 25 j 15:49	0°♏	
desc. node	-5205 Dec 27 j 14:52	2°♏25'12	
	-5204 Jan 15 j 02:43	0°♐	
morning set	-5204 Jan 24 j 14:46	17°♐13'31	
max. Earth dist.	-5204 Jan 29 j 04:45	26°♐16'53	1.34371 AU
	-5204 Jan 31 j 00:26	0°♑	
superior conj	-5204 Feb 01 j 22:53	4°♑00'59	-1°-16'-1
minimum elong	-5204 Feb 02 j 01:45	4°♑15'55	1°15'54
evening rise	-5204 Feb 09 j 09:56	19°♑42'19	
asc. node	-5204 Feb 10 j 04:48	21°♑19'56	
	-5204 Feb 14 j 13:12	0°♒	
evening max el	-5204 Feb 29 j 14:46	22°♒02'34	21°32'50
retrograde	-5204 Mar 12 j 16:17	27°♒49'08	
evening set	-5204 Mar 15 j 07:33	27°♒33'28	
inferior conj	-5204 Mar 24 j 13:38	23°♒32'43	0°00'12
minimum elong	-5204 Mar 24 j 13:38	23°♒32'43	0°00'01
transit middle	-5204 Mar 24 j 13:38	23°♒32'43	0°00'01
transit begin	-5204 Mar 24 j 09:32	23°♒38'31	
transit end	-5204 Mar 24 j 17:45	23°♒26'55	
desc. node	-5204 Mar 24 j 13:56	23°♒32'19	
min. Earth dist.	-5204 Mar 24 j 18:18	23°♒26'09	0.55212 AU
morning rise	-5204 Apr 02 j 19:45	19°♒28'46	
direct	-5204 Apr 05 j 16:15	19°♒10'45	
morning max el	-5204 Apr 18 j 03:39	25°♒08'43	21°56'49
	-5204 Apr 22 j 14:16	0°♓	
asc. node	-5204 May 08 j 04:35	26°♓27'06	
morning set	-5204 May 09 j 02:21	28°♓19'12	
	-5204 May 09 j 21:44	0°♈	
superior conj	-5204 May 16 j 11:18	13°♈49'42	1°15'49
minimum elong	-5204 May 16 j 08:36	13°♈35'33	1°15'29
max. Earth dist.	-5204 May 19 j 19:15	20°♈43'16	1.34711 AU
	-5204 May 24 j 11:13	0°♉	
evening rise	-5204 May 24 j 14:32	0°♉16'01	
	-5204 Jun 10 j 21:50	0°♊	
desc. node	-5204 Jun 20 j 12:13	13°♊19'42	
evening max el	-5204 Jun 28 j 12:43	22°♊20'24	27°00'55
retrograde	-5204 Jul 11 j 18:09	29°♊42'49	
evening set	-5204 Jul 18 j 14:31	26°♊55'38	
min. Earth dist.	-5204 Jul 22 j 11:08	23°♊03'59	0.65241 AU
inferior conj	-5204 Jul 24 j 09:48	20°♊48'58	-3°-8'-14
minimum elong	-5204 Jul 24 j 13:18	20°♊38'47	3°07'02
morning rise	-5204 Jul 30 j 13:17	15°♊09'50	
direct	-5204 Aug 02 j 09:45	14°♊25'15	
asc. node	-5204 Aug 04 j 04:20	14°♊42'18	
morning max el	-5204 Aug 08 j 23:42	18°♊01'08	18°21'45
	-5204 Aug 17 j 19:51	0°♋	
morning set	-5204 Aug 28 j 02:17	16°♋44'10	
	-5204 Sep 05 j 05:22	0°♌	
superior conj	-5204 Sep 11 j 19:36	10°♌33'14	0°29'01
minimum elong	-5204 Sep 11 j 23:11	10°♌47'27	0°28'48
max. Earth dist.	-5204 Sep 14 j 09:39	14°♌39'00	1.44682 AU
desc. node	-5204 Sep 16 j 11:31	17°♌55'43	
	-5204 Sep 24 j 04:05	0°♍	
evening rise	-5204 Sep 28 j 10:52	6°♍42'11	
greatest brilliancy	-5204 Oct 13 j 03:16	29°♍21'54	-0.7m
	-5204 Oct 13 j 13:36	0°♎	
evening max el	-5204 Oct 22 j 06:21	11°♎19'15	19°29'07
retrograde	-5204 Oct 29 j 11:45	15°♎29'50	
asc. node	-5204 Oct 31 j 03:08	15°♎14'14	
evening set	-5204 Nov 01 j 19:14	14°♎25'56	
inferior conj	-5204 Nov 07 j 11:18	8°♎28'31	2°19'28
minimum elong	-5204 Nov 07 j 08:27	8°♎37'43	2°18'28
min. Earth dist.	-5204 Nov 08 j 15:45	6°♎56'48	0.66062 AU
morning rise	-5204 Nov 12 j 20:53	2°♎14'37	
	-5204 Nov 16 j 12:51	30°℞♍	
direct	-5204 Nov 19 j 00:10	29°♍35'14	
	-5204 Nov 21 j 14:50	0°♎	
morning max el	-5204 Dec 01 j 09:25	6°♎52'17	25°56'34
desc. node	-5204 Dec 13 j 11:49	21°♎28'45	
	-5204 Dec 19 j 10:48	0°♏	
morning set	-5203 Jan 06 j 13:34	0°♐07'02	
	-5203 Jan 06 j 12:03	0°♐	
max. Earth dist.	-5203 Jan 10 j 13:10	7°♐37'36	1.35809 AU
superior conj	-5203 Jan 15 j 19:08	17°♐59'54	-1°-34'-25
minimum elong	-5203 Jan 15 j 22:00	18°♐14'25	1°34'25
	-5203 Jan 21 j 15:42	0°♑	
evening rise	-5203 Jan 23 j 16:37	4°♑10'54	
asc. node	-5203 Jan 27 j 01:52	10°♑57'59	
	-5203 Feb 07 j 16:58	0°♒	
evening max el	-5203 Feb 10 j 21:36	3°♒28'04	20°14'01
retrograde	-5203 Feb 21 j 07:25	8°♒23'38	
evening set	-5203 Feb 23 j 16:30	8°♒09'19	
inferior conj	-5203 Mar 04 j 11:47	4°♒10'14	1°50'54
minimum elong	-5203 Mar 04 j 16:12	4°♒03'38	1°49'16
min. Earth dist.	-5203 Mar 06 j 08:19	3°♒03'49	0.55658 AU
desc. node	-5203 Mar 11 j 11:07	0°♒26'48	
	-5203 Mar 12 j 16:43	30°℞♑	
morning rise	-5203 Mar 13 j 13:23	29°♑44'38	
direct	-5203 Mar 17 j 07:36	29°♑13'40	
	-5203 Mar 21 j 20:18	0°♒	
morning max el	-5203 Mar 30 j 22:20	5°♒57'28	23°34'03
	-5203 Apr 16 j 20:47	0°♓	
morning set	-5203 Apr 23 j 14:06	13°♓19'52	
asc. node	-5203 Apr 25 j 01:32	16°♓26'34	
superior conj	-5203 Apr 30 j 17:40	28°♓36'23	0°55'24
minimum elong	-5203 Apr 30 j 15:27	28°♓24'29	0°54'58
	-5203 May 01 j 09:18	0°♈	
max. Earth dist.	-5203 May 02 j 21:01	3°♈09'50	1.33683 AU
evening rise	-5203 May 08 j 08:08	14°♈25'14	
	-5203 May 16 j 14:41	0°♉	
	-5203 Jun 05 j 20:43	0°♊	
desc. node	-5203 Jun 07 j 09:24	1°♊44'49	
evening max el	-5203 Jun 10 j 23:26	5°♊28'33	27°24'18
retrograde	-5203 Jun 24 j 14:33	12°♊53'51	
evening set	-5203 Jul 01 j 17:16	10°♊12'51	
min. Earth dist.	-5203 Jul 05 j 08:34	6°♊56'08	0.63803 AU
inferior conj	-5203 Jul 07 j 21:27	4°♊16'35	-3°-43'-23
minimum elong	-5203 Jul 08 j 00:40	4°♊08'08	3°42'34
	-5203 Jul 12 j 12:45	30°℞♉	
morning rise	-5203 Jul 14 j 09:51	28°♉55'03	
direct	-5203 Jul 17 j 01:48	28°♉19'28	
	-5203 Jul 21 j 13:43	0°♊	
asc. node	-5203 Jul 22 j 01:22	0°♊22'09	
morning max el	-5203 Jul 23 j 14:09	1°♊44'42	18°01'02
morning set	-5203 Aug 09 j 19:28	28°♊15'22	
	-5203 Aug 10 j 19:45	0°♋	
superior conj	-5203 Aug 22 j 12:43	19°♋43'34	1°09'51
minimum elong	-5203 Aug 22 j 18:44	20°♋08'16	1°09'29
max. Earth dist.	-5203 Aug 28 j 02:08	28°♋43'56	1.43946 AU
	-5203 Aug 28 j 21:10	0°♌	
desc. node	-5203 Sep 03 j 08:28	8°♌38'43	
evening rise	-5203 Sep 07 j 17:58	15°♌28'59	
	-5203 Sep 17 j 06:10	0°♍	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

greatest brilliancy	-5203 Sep 29 j 00:56	17°♍02'51	-0.5m
evening max el	-5203 Oct 05 j 09:47	24°♍45'36	20°28'13
retrograde	-5203 Oct 13 j 08:55	29°♍26'51	
evening set	-5203 Oct 17 j 02:03	28°♍07'14	
asc. node	-5203 Oct 18 j 00:17	27°♍22'33	
inferior conj	-5203 Oct 22 j 13:47	21°♍58'58	1°30'38
minimum elong	-5203 Oct 22 j 11:47	22°♍05'41	1°29'55
min. Earth dist.	-5203 Oct 23 j 06:21	21°♍03'06	0.66804 AU
morning rise	-5203 Oct 27 j 21:02	15°♍41'31	
direct	-5203 Nov 02 j 09:13	13°♍19'20	
morning max el	-5203 Nov 13 j 18:19	20°♍05'51	24°37'56
	-5203 Nov 22 j 06:16	0°♎	
desc. node	-5203 Nov 30 j 08:43	11°♎06'49	
	-5203 Dec 12 j 15:11	0°♏	
morning set	-5203 Dec 19 j 16:42	11°♏57'35	
max. Earth dist.	-5203 Dec 23 j 12:21	18°♏47'14	1.37637 AU
	-5203 Dec 29 j 11:47	0°♐	
superior conj	-5203 Dec 30 j 04:52	1°♐22'31	-1°-47'-24
minimum elong	-5203 Dec 30 j 06:51	1°♐32'08	1°47'34
evening rise	-5202 Jan 07 j 17:49	18°♐17'05	
asc. node	-5202 Jan 13 j 22:58	0°♑13'13	
	-5202 Jan 13 j 20:03	0°♑	
evening max el	-5202 Jan 24 j 14:44	15°♑28'43	19°13'05
retrograde	-5202 Feb 02 j 11:05	19°♑41'45	
evening set	-5202 Feb 04 j 20:34	19°♑24'33	
inferior conj	-5202 Feb 13 j 00:00	15°♑12'48	3°12'27
minimum elong	-5202 Feb 13 j 04:55	15°♑04'26	3°11'07
min. Earth dist.	-5202 Feb 15 j 23:06	13°♑12'40	0.56913 AU
morning rise	-5202 Feb 21 j 09:38	10°♑17'55	
direct	-5202 Feb 26 j 09:40	9°♑19'54	
desc. node	-5202 Feb 26 j 08:15	9°♑19'55	
morning max el	-5202 Mar 12 j 13:19	16°♑34'04	25°10'42
	-5202 Mar 23 j 10:45	0°♒	
morning set	-5202 Apr 08 j 02:25	28°♒23'34	
	-5202 Apr 08 j 20:44	0°♓	
asc. node	-5202 Apr 11 j 22:30	6°♓35'31	
superior conj	-5202 Apr 15 j 03:33	13°♓34'16	0°32'38
minimum elong	-5202 Apr 15 j 02:09	13°♓26'42	0°32'14
max. Earth dist.	-5202 Apr 16 j 06:04	15°♓58'08	1.33006 AU
evening rise	-5202 Apr 22 j 09:51	28°♓59'28	
	-5202 Apr 22 j 21:43	0°♈	
	-5202 May 09 j 19:34	0°♉	
evening max el	-5202 May 24 j 07:02	18°♉06'47	27°16'34
desc. node	-5202 May 25 j 06:35	19°♉01'51	
retrograde	-5202 Jun 07 j 04:39	25°♉31'25	
evening set	-5202 Jun 14 j 05:12	23°♉10'36	
min. Earth dist.	-5202 Jun 17 j 20:06	20°♉18'55	0.62013 AU
inferior conj	-5202 Jun 20 j 21:53	17°♉27'20	-4°-6'-4
minimum elong	-5202 Jun 20 j 23:43	17°♉23'04	4°05'44
morning rise	-5202 Jun 27 j 20:50	12°♉26'10	
direct	-5202 Jun 30 j 09:59	11°♉57'36	
morning max el	-5202 Jul 07 j 04:23	15°♉21'48	17°58'37
asc. node	-5202 Jul 08 j 22:22	17°♉15'01	
	-5202 Jul 17 j 08:44	0°♊	
morning set	-5202 Jul 23 j 09:35	10°♊46'29	
superior conj	-5202 Aug 03 j 09:01	0°♋14'58	1°36'09
minimum elong	-5202 Aug 03 j 13:23	0°♋33'41	1°36'07
	-5202 Aug 03 j 05:32	0°♋	
max. Earth dist.	-5202 Aug 10 j 13:43	12°♋20'16	1.42601 AU
evening rise	-5202 Aug 17 j 22:51	24°♋11'21	
desc. node	-5202 Aug 21 j 05:26	29°♋17'38	
	-5202 Aug 21 j 16:24	0°♌	
	-5202 Sep 11 j 09:07	0°♍	
greatest brilliancy	-5202 Sep 13 j 07:10	2°♍27'08	-0.4m
evening max el	-5202 Sep 18 j 06:49	8°♍10'10	21°39'26
retrograde	-5202 Sep 27 j 05:11	13°♍28'18	
evening set	-5202 Oct 01 j 10:09	11°♍50'32	
asc. node	-5202 Oct 04 j 21:26	8°♍09'06	
inferior conj	-5202 Oct 06 j 19:11	5°♍34'55	0°38'45
minimum elong	-5202 Oct 06 j 18:17	5°♍38'00	0°38'32
min. Earth dist.	-5202 Oct 07 j 01:04	5°♍14'40	0.67236 AU
	-5202 Oct 11 j 07:14	30°℞♌	
morning rise	-5202 Oct 12 j 02:10	29°♌16'50	
direct	-5202 Oct 16 j 23:03	27°♌15'19	
	-5202 Oct 23 j 10:25	0°♍	
morning max el	-5202 Oct 27 j 04:13	3°♍21'42	23°12'08
greatest brilliancy	-5202 Nov 01 j 09:33	9°♍15'20	-0.3m
	-5202 Nov 16 j 11:08	0°♎	
desc. node	-5202 Nov 17 j 05:36	1°♎08'55	
morning set	-5202 Nov 30 j 18:05	22°♎29'29	
	-5202 Dec 05 j 04:23	0°♏	
max. Earth dist.	-5202 Dec 05 j 08:31	0°♏17'56	1.39680 AU
superior conj	-5202 Dec 12 j 23:41	13°♏56'30	-1°-52'-20
minimum elong	-5202 Dec 12 j 23:33	13°♏55'53	1°52'32
	-5202 Dec 21 j 11:12	0°♐	
evening rise	-5202 Dec 22 j 10:47	1°♐53'16	
asc. node	-5202 Dec 31 j 20:04	18°♐57'12	
evening max el	-5201 Jan 07 j 16:48	28°♐00'27	18°32'01
	-5201 Jan 10 j 03:05	0°♑	
retrograde	-5201 Jan 15 j 08:40	1°♑45'04	
evening set	-5201 Jan 17 j 20:12	1°♑22'50	
	-5201 Jan 20 j 22:13	30°℞♐	
inferior conj	-5201 Jan 25 j 08:03	26°♐51'26	3°55'47
minimum elong	-5201 Jan 25 j 10:28	26°♐46'39	3°55'17
min. Earth dist.	-5201 Jan 28 j 16:43	24°♐13'14	0.58701 AU
morning rise	-5201 Feb 01 j 21:16	21°♐31'12	
direct	-5201 Feb 08 j 00:50	19°♐54'57	
desc. node	-5201 Feb 13 j 05:20	21°♐00'55	
morning max el	-5201 Feb 22 j 06:36	27°♐25'28	26°31'44
	-5201 Feb 24 j 18:37	0°♑	
	-5201 Mar 16 j 19:45	0°♒	
morning set	-5201 Mar 23 j 13:34	13°♒23'27	
asc. node	-5201 Mar 29 j 19:28	26°♒49'09	
superior conj	-5201 Mar 30 j 15:05	28°♒36'29	0°08'29
minimum elong	-5201 Mar 30 j 14:43	28°♒34'28	0°08'14
behind sun begin	-5201 Mar 30 j 10:26	28°♒11'00	
behind sun end	-5201 Mar 30 j 19:01	28°♒57'56	
max. Earth dist.	-5201 Mar 30 j 18:57	28°♒57'36	1.32662 AU
	-5201 Mar 31 j 06:22	0°♓	
evening rise	-5201 Apr 06 j 16:54	13°♓49'10	
	-5201 Apr 14 j 23:53	0°♈	
	-5201 May 06 j 06:44	0°♉	
evening max el	-5201 May 06 j 09:25	0°♉06'27	26°36'14
desc. node	-5201 May 12 j 03:45	4°♉43'00	
retrograde	-5201 May 20 j 11:18	7°♉27'37	
evening set	-5201 May 26 j 22:22	5°♉39'53	
min. Earth dist.	-5201 May 30 j 22:41	2°♉57'36	0.60000 AU
inferior conj	-5201 Jun 03 j 07:37	0°♉13'19	-4°-9'-44
minimum elong	-5201 Jun 03 j 06:47	0°♉15'00	4°09'35
	-5201 Jun 03 j 14:08	30°℞♈	
morning rise	-5201 Jun 10 j 18:45	25°♈33'48	
direct	-5201 Jun 13 j 06:15	25°♈10'51	
morning max el	-5201 Jun 20 j 15:39	28°♈45'20	18°15'22
	-5201 Jun 21 j 20:47	0°♉	
asc. node	-5201 Jun 25 j 19:21	5°♉05'56	
morning set	-5201 Jul 06 j 15:32	24°♉05'07	
	-5201 Jul 09 j 18:46	0°♊	
superior conj	-5201 Jul 16 j 07:13	12°♊04'16	1°48'06

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5201 Jul 16 j 08:40	12°♊10'48	1°48'19
max. Earth dist.	-5201 Jul 23 j 19:11	25°♊15'09	1.40843 AU
	-5201 Jul 26 j 14:50	0°♋	
evening rise	-5201 Jul 28 j 21:17	3°♋44'35	
desc. node	-5201 Aug 08 j 02:26	19°♋48'59	
	-5201 Aug 14 j 23:57	0°♌	
greatest brilliancy	-5201 Aug 26 j 19:34	15°♌51'34	-0.3m
evening max el	-5201 Aug 31 j 22:04	21°♌34'45	22°58'31
retrograde	-5201 Sep 10 j 23:05	27°♌32'03	
evening set	-5201 Sep 15 j 17:46	25°♌34'29	
inferior conj	-5201 Sep 21 j 01:42	19°♌15'08	0°-14'-17
minimum elong	-5201 Sep 21 j 02:02	19°♌14'01	0°13'58
transit middle	-5201 Sep 21 j 02:02	19°♌14'01	0°13'58
transit begin	-5201 Sep 21 j 00:37	19°♌18'53	
transit end	-5201 Sep 21 j 03:26	19°♌09'10	
min. Earth dist.	-5201 Sep 20 j 21:25	19°♌29'56	0.67374 AU
asc. node	-5201 Sep 21 j 18:33	18°♌17'16	
morning rise	-5201 Sep 26 j 10:16	12°♌59'40	
direct	-5201 Sep 30 j 16:58	11°♌19'06	
morning max el	-5201 Oct 09 j 18:03	16°♌41'49	21°48'02
greatest brilliancy	-5201 Oct 14 j 17:32	22°♌24'07	-0.4m
	-5201 Oct 20 j 11:24	0°♍	
desc. node	-5201 Nov 04 j 02:28	21°♍28'18	
	-5201 Nov 09 j 13:52	0°♎	
morning set	-5201 Nov 10 j 15:06	1°♎40'04	
max. Earth dist.	-5201 Nov 17 j 08:46	12°♎36'22	1.41669 AU
superior conj	-5201 Nov 24 j 22:17	25°♎28'59	-1°-45'-51
minimum elong	-5201 Nov 24 j 18:54	25°♎14'16	1°45'47
	-5201 Nov 27 j 11:46	0°♏	
evening rise	-5201 Dec 05 j 16:19	14°♏52'40	
	-5201 Dec 14 j 03:07	0°♐	
asc. node	-5201 Dec 18 j 17:10	7°♐00'27	
evening max el	-5201 Dec 22 j 01:20	10°♐56'25	18°11'01
retrograde	-5201 Dec 28 j 23:23	14°♐27'05	
evening set	-5201 Dec 31 j 13:12	13°♐58'33	
inferior conj	-5200 Jan 07 j 11:34	9°♐05'07	4°06'23
minimum elong	-5200 Jan 07 j 11:06	9°♐06'12	4°06'07
min. Earth dist.	-5200 Jan 10 j 15:59	6°♐11'55	0.60689 AU
morning rise	-5200 Jan 14 j 06:19	3°♐26'35	
direct	-5200 Jan 21 j 03:07	1°♐13'14	
desc. node	-5200 Jan 31 j 02:24	5°♐16'04	
morning max el	-5200 Feb 04 j 05:34	8°♐51'20	27°24'08
	-5200 Feb 20 j 11:46	0°♑	
morning set	-5200 Mar 06 j 21:43	28°♑12'32	
	-5200 Mar 07 j 18:26	0°♒	
max. Earth dist.	-5200 Mar 13 j 08:00	11°♒55'02	1.32657 AU
superior conj	-5200 Mar 14 j 02:38	13°♒36'40	0°-16'-15
minimum elong	-5200 Mar 14 j 03:22	13°♒40'38	0°16'20
asc. node	-5200 Mar 15 j 16:26	17°♒03'05	
evening rise	-5200 Mar 21 j 03:08	28°♒46'22	
	-5200 Mar 21 j 17:13	0°♓	
	-5200 Apr 07 j 16:13	0°♈	
evening max el	-5200 Apr 17 j 05:51	11°♈25'54	25°26'51
desc. node	-5200 Apr 28 j 00:57	18°♈12'15	
retrograde	-5200 May 01 j 08:00	18°♈37'54	
evening set	-5200 May 06 j 18:14	17°♈28'33	
min. Earth dist.	-5200 May 11 j 18:29	14°♈39'12	0.58008 AU
inferior conj	-5200 May 14 j 23:04	12°♈24'40	-3°-45'-20
minimum elong	-5200 May 14 j 19:02	12°♈31'48	3°44'43
morning rise	-5200 May 22 j 23:58	8°♈05'57	
direct	-5200 May 25 j 10:29	7°♈47'27	
morning max el	-5200 Jun 02 j 20:56	11°♈45'29	18°52'04
asc. node	-5200 Jun 11 j 16:20	23°♈41'11	
	-5200 Jun 15 j 04:57	0°♉	
morning set	-5200 Jun 19 j 09:01	8°♉00'10	
superior conj	-5200 Jun 28 j 01:47	24°♉55'48	1°48'30
minimum elong	-5200 Jun 28 j 00:52	24°♉51'25	1°48'42
	-5200 Jun 30 j 18:27	0°♊	
max. Earth dist.	-5200 Jul 04 j 20:50	7°♊28'44	1.38916 AU
evening rise	-5200 Jul 08 j 22:01	14°♊34'39	
	-5200 Jul 18 j 07:30	0°♋	
desc. node	-5200 Jul 24 j 23:27	10°♋07'44	
	-5200 Aug 08 j 19:07	0°♌	
evening max el	-5200 Aug 13 j 09:42	5°♌01'23	24°19'21
retrograde	-5200 Aug 24 j 13:21	11°♌34'17	
evening set	-5200 Aug 29 j 23:04	9°♌16'57	
min. Earth dist.	-5200 Sep 03 j 16:53	3°♌46'56	0.67215 AU
inferior conj	-5200 Sep 04 j 07:37	2°♌57'15	-1°-6'-56
minimum elong	-5200 Sep 04 j 09:08	2°♌52'06	1°06'05
	-5200 Sep 06 j 14:02	30°♋	
asc. node	-5200 Sep 07 j 15:41	28°♋45'54	
morning rise	-5200 Sep 09 j 19:26	26°♋47'49	
direct	-5200 Sep 13 j 13:45	25°♋26'39	
	-5200 Sep 21 j 10:52	0°♌	
morning max el	-5200 Sep 21 j 14:23	0°♌08'58	20°32'21
greatest brilliancy	-5200 Sep 27 j 23:42	7°♌50'32	-0.5m
	-5200 Oct 13 j 04:34	0°♍	
morning set	-5200 Oct 19 j 16:15	9°♍58'17	
desc. node	-5200 Oct 20 j 23:21	11°♍59'14	
max. Earth dist.	-5200 Oct 29 j 16:38	25°♍47'57	1.43313 AU
	-5200 Nov 01 j 06:49	0°♎	
superior conj	-5200 Nov 04 j 19:06	5°♎46'38	-1°-24'-29
minimum elong	-5200 Nov 04 j 12:51	5°♎20'43	1°23'55
evening rise	-5200 Nov 17 j 06:17	27°♎06'38	
	-5200 Nov 18 j 21:50	0°♏	
evening max el	-5200 Dec 04 j 13:24	24°♏08'45	18°09'35
asc. node	-5200 Dec 04 j 14:17	24°♏10'57	
retrograde	-5200 Dec 11 j 03:31	27°♏38'11	
evening set	-5200 Dec 13 j 20:10	27°♏02'14	
inferior conj	-5200 Dec 20 j 07:25	21°♏47'19	3°53'28
minimum elong	-5200 Dec 20 j 05:00	21°♏53'34	3°52'55
min. Earth dist.	-5200 Dec 22 j 23:49	19°♏01'21	0.62578 AU
morning rise	-5200 Dec 26 j 11:57	15°♏55'11	
direct	-5199 Jan 02 j 13:56	13°♏16'28	
morning max el	-5199 Jan 16 j 10:29	20°♏57'43	27°41'17
desc. node	-5199 Jan 16 j 23:27	21°♏29'55	
	-5199 Jan 24 j 08:15	0°♐	
	-5199 Feb 12 j 10:46	0°♑	
morning set	-5199 Feb 19 j 00:45	12°♑43'33	
max. Earth dist.	-5199 Feb 24 j 17:36	24°♑37'53	1.33009 AU
superior conj	-5199 Feb 26 j 12:34	28°♑29'06	0°-40'-39
minimum elong	-5199 Feb 26 j 14:19	28°♑38'37	0°40'34
	-5199 Feb 27 j 05:22	0°♒	
asc. node	-5199 Mar 02 j 13:25	7°♒13'26	
evening rise	-5199 Mar 05 j 14:43	13°♒44'27	
	-5199 Mar 13 j 21:30	0°♓	
evening max el	-5199 Mar 29 j 22:24	22°♓17'00	23°58'11
retrograde	-5199 Apr 12 j 16:24	29°♓08'39	
desc. node	-5199 Apr 14 j 22:08	28°♓57'23	
evening set	-5199 Apr 16 j 19:43	28°♓30'45	
min. Earth dist.	-5199 Apr 23 j 10:15	25°♓21'29	0.56362 AU
inferior conj	-5199 Apr 25 j 18:26	23°♓55'00	-2°-44'-6
minimum elong	-5199 Apr 25 j 12:54	24°♓03'35	2°42'43
morning rise	-5199 May 04 j 09:51	19°♓52'26	
direct	-5199 May 06 j 20:13	19°♓36'58	
morning max el	-5199 May 16 j 17:34	24°♓13'07	19°49'08
	-5199 May 21 j 17:47	0°♈	
asc. node	-5199 May 29 j 13:19	12°♈50'15	
morning set	-5199 Jun 03 j 10:42	22°♈23'07	
	-5199 Jun 07 j 04:58	0°♉	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5199 Jun 11 j 11:20	8°♉34'50	1°40'21
minimum elong	-5199 Jun 11 j 09:03	8°♉23'30	1°40'22
max. Earth dist.	-5199 Jun 17 j 00:00	19°♉18'01	1.37062 AU
evening rise	-5199 Jun 20 j 23:34	26°♉39'07	
	-5199 Jun 22 j 20:32	0°♊	
desc. node	-5199 Jul 11 j 20:30	0°♋07'55	
	-5199 Jul 11 j 18:16	0°♋	
evening max el	-5199 Jul 26 j 20:14	18°♋30'55	25°34'18
retrograde	-5199 Aug 07 j 23:17	25°♋31'16	
evening set	-5199 Aug 14 j 00:10	22°♋56'41	
min. Earth dist.	-5199 Aug 18 j 09:01	18°♋04'14	0.66735 AU
inferior conj	-5199 Aug 19 j 11:10	16°♋39'47	-1°-57'-31
minimum elong	-5199 Aug 19 j 13:45	16°♋31'26	1°56'18
morning rise	-5199 Aug 25 j 03:51	10°♋39'45	
asc. node	-5199 Aug 25 j 12:49	10°♋26'07	
direct	-5199 Aug 28 j 11:53	9°♋35'18	
morning max el	-5199 Sep 04 j 17:57	13°♋44'55	19°29'23
greatest brilliancy	-5199 Sep 14 j 00:36	25°♋48'13	-0.7m
	-5199 Sep 16 j 20:09	0°♌	
morning set	-5199 Sep 28 j 18:58	18°♌27'32	
	-5199 Oct 06 j 04:04	0°♍	
desc. node	-5199 Oct 07 j 20:12	2°♍37'37	
max. Earth dist.	-5199 Oct 12 j 07:07	9°♍39'33	1.44394 AU
superior conj	-5199 Oct 15 j 12:33	14°♍47'34	0°-47'-4
minimum elong	-5199 Oct 15 j 07:07	14°♍25'50	0°46'19
	-5199 Oct 24 j 21:53	0°♎	
evening rise	-5199 Oct 29 j 23:54	8°♎25'03	
	-5199 Nov 12 j 06:16	0°♏	
evening max el	-5199 Nov 18 j 02:09	7°♏30'01	18°26'51
asc. node	-5199 Nov 21 j 11:28	10°♏13'33	
retrograde	-5199 Nov 24 j 16:42	11°♏08'48	
evening set	-5199 Nov 27 j 13:30	10°♏23'52	
inferior conj	-5199 Dec 03 j 15:48	4°♏49'51	3°24'40
minimum elong	-5199 Dec 03 j 12:35	4°♏59'06	3°23'47
min. Earth dist.	-5199 Dec 05 j 17:43	2°♏26'44	0.64196 AU
	-5199 Dec 08 j 01:36	30°℞♎	
morning rise	-5199 Dec 09 j 10:19	28°♎46'59	
direct	-5199 Dec 16 j 07:53	25°♎57'55	
	-5199 Dec 25 j 17:10	0°♏	
morning max el	-5199 Dec 29 j 19:18	3°♏37'47	27°23'12
desc. node	-5198 Jan 03 j 20:27	9°♏08'16	
	-5198 Jan 18 j 18:10	0°♐	
morning set	-5198 Feb 02 j 19:51	26°♐46'12	
	-5198 Feb 04 j 10:55	0°♑	
max. Earth dist.	-5198 Feb 07 j 19:43	6°♑52'16	1.33754 AU
superior conj	-5198 Feb 10 j 18:58	13°♑06'20	-1°-3'-46
minimum elong	-5198 Feb 10 j 21:32	13°♑19'58	1°03'38
asc. node	-5198 Feb 17 j 10:26	27°♑15'05	
evening rise	-5198 Feb 18 j 01:49	28°♑35'48	
	-5198 Feb 18 j 17:59	0°♒	
	-5198 Mar 08 j 18:28	0°♓	
evening max el	-5198 Mar 11 j 16:11	3°♓02'47	22°24'06
retrograde	-5198 Mar 24 j 12:41	9°♓17'50	
evening set	-5198 Mar 27 j 13:31	8°♓57'34	
desc. node	-5198 Apr 01 j 19:22	7°♓00'12	
min. Earth dist.	-5198 Apr 05 j 00:32	5°♓15'51	0.55382 AU
inferior conj	-5198 Apr 05 j 20:42	4°♓47'11	-1°-6'-3
minimum elong	-5198 Apr 05 j 17:44	4°♓51'24	1°05'13
morning rise	-5198 Apr 14 j 23:51	0°♓49'06	
direct	-5198 Apr 17 j 13:44	0°♓33'51	
morning max el	-5198 Apr 29 j 03:38	6°♓00'24	21°05'37
	-5198 May 15 j 05:08	0°♈	
asc. node	-5198 May 16 j 10:17	2°♈23'56	
morning set	-5198 May 18 j 17:55	7°♈05'47	

superior conj	-5198 May 26 j 07:27	22°♈47'59	1°26'05
minimum elong	-5198 May 26 j 04:42	22°♈33'50	1°25'52
	-5198 May 29 j 20:33	0°♉	
max. Earth dist.	-5198 May 30 j 10:05	1°♉07'24	1.35464 AU
evening rise	-5198 Jun 03 j 20:35	9°♉43'34	
	-5198 Jun 15 j 09:46	0°♊	
desc. node	-5198 Jun 28 j 17:38	19°♊41'19	
	-5198 Jul 07 j 08:09	0°♋	
evening max el	-5198 Jul 09 j 07:07	1°♋59'16	26°35'18
retrograde	-5198 Jul 22 j 04:32	9°♋17'03	
evening set	-5198 Jul 28 j 18:53	6°♋31'26	
min. Earth dist.	-5198 Aug 01 j 19:30	2°♋18'05	0.65892 AU
inferior conj	-5198 Aug 03 j 10:25	0°♋20'12	-2°-44'-8
minimum elong	-5198 Aug 03 j 13:44	0°♋10'06	2°42'50
	-5198 Aug 03 j 17:05	30°℞♊	
morning rise	-5198 Aug 09 j 09:33	24°♊32'47	
direct	-5198 Aug 12 j 09:31	23°♊41'57	
asc. node	-5198 Aug 12 j 09:55	23°♊41'57	
morning max el	-5198 Aug 19 j 03:32	27°♊27'42	18°41'44
	-5198 Aug 21 j 09:39	0°♋	
morning set	-5198 Sep 08 j 18:41	28°♋00'19	
	-5198 Sep 10 j 00:30	0°♌	
superior conj	-5198 Sep 24 j 12:59	23°♌04'20	0°01'05
minimum elong	-5198 Sep 24 j 13:09	23°♌04'58	0°01'16
behind sun begin	-5198 Sep 24 j 01:45	22°♌20'02	
behind sun end	-5198 Sep 25 j 00:32	23°♌49'53	
desc. node	-5198 Sep 24 j 17:07	23°♌20'38	
max. Earth dist.	-5198 Sep 25 j 00:42	23°♌50'30	1.44781 AU
	-5198 Sep 28 j 22:27	0°♍	
evening rise	-5198 Oct 10 j 17:02	18°♍39'32	
	-5198 Oct 17 j 19:49	0°♎	
evening max el	-5198 Nov 01 j 12:59	20°♎55'47	19°01'40
retrograde	-5198 Nov 08 j 11:13	24°♎52'48	
asc. node	-5198 Nov 08 j 08:39	24°♎52'44	
evening set	-5198 Nov 11 j 14:04	23°♎56'42	
inferior conj	-5198 Nov 17 j 09:22	18°♎06'47	2°45'23
minimum elong	-5198 Nov 17 j 06:12	18°♎16'39	2°44'21
min. Earth dist.	-5198 Nov 18 j 21:17	16°♎15'02	0.65478 AU
morning rise	-5198 Nov 22 j 21:22	11°♎55'55	
direct	-5198 Nov 29 j 08:19	9°♎09'53	
morning max el	-5198 Dec 12 j 05:12	16°♎39'32	26°34'52
desc. node	-5198 Dec 21 j 17:25	27°♎46'16	
	-5198 Dec 23 j 09:32	0°♏	
	-5197 Jan 11 j 14:08	0°♐	
morning set	-5197 Jan 17 j 03:25	10°♐09'20	
max. Earth dist.	-5197 Jan 21 j 10:57	18°♐31'07	1.34932 AU
superior conj	-5197 Jan 25 j 19:40	27°♐21'31	-1°-24'-20
minimum elong	-5197 Jan 25 j 22:37	27°♐36'46	1°24'16
	-5197 Jan 27 j 02:17	0°♑	
evening rise	-5197 Feb 02 j 10:41	13°♑14'26	
asc. node	-5197 Feb 04 j 07:29	17°♑03'22	
	-5197 Feb 11 j 04:25	0°♒	
evening max el	-5197 Feb 21 j 17:12	14°♒09'18	20°57'16
retrograde	-5197 Mar 05 j 02:38	19°♒34'29	
evening set	-5197 Mar 07 j 13:44	19°♒20'14	
inferior conj	-5197 Mar 16 j 16:17	15°♒22'02	0°49'20
minimum elong	-5197 Mar 16 j 18:29	15°♒18'53	0°48'21
min. Earth dist.	-5197 Mar 17 j 14:50	14°♒49'44	0.55290 AU
desc. node	-5197 Mar 19 j 16:35	13°♒40'30	
morning rise	-5197 Mar 25 j 22:05	11°♒10'22	
direct	-5197 Mar 29 j 01:57	10°♒48'34	
morning max el	-5197 Apr 11 j 03:14	17°♒07'54	22°37'28
	-5197 Apr 21 j 07:55	0°♓	
morning set	-5197 May 03 j 04:31	22°♓01'27	
asc. node	-5197 May 03 j 07:13	22°♓15'35	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5197 May 06 j 23:08	0°♈	
superior conj	-5197 May 10 j 10:48	7°♈24'57	1°07'31
minimum elong	-5197 May 10 j 08:15	7°♈11'27	1°07'07
max. Earth dist.	-5197 May 13 j 05:57	13°♈17'02	1.34223 AU
evening rise	-5197 May 18 j 07:55	23°♈32'58	
	-5197 May 21 j 16:39	0°♉	
	-5197 Jun 09 j 00:32	0°♊	
desc. node	-5197 Jun 15 j 14:49	8°♊35'59	
evening max el	-5197 Jun 21 j 18:13	15°♊17'45	27°14'26
retrograde	-5197 Jul 05 j 04:34	22°♊43'06	
evening set	-5197 Jul 12 j 04:24	19°♊56'40	
min. Earth dist.	-5197 Jul 15 j 22:13	16°♊20'50	0.64666 AU
inferior conj	-5197 Jul 18 j 03:02	13°♊53'54	-3°-24'-26
minimum elong	-5197 Jul 18 j 06:32	13°♊44'08	3°23'21
morning rise	-5197 Jul 24 j 10:09	8°♊22'06	
direct	-5197 Jul 27 j 04:19	7°♊41'49	
asc. node	-5197 Jul 30 j 06:59	8°♊32'23	
morning max el	-5197 Aug 02 j 16:55	11°♊12'21	18°10'48
	-5197 Aug 15 j 15:03	0°♋	
morning set	-5197 Aug 20 j 21:23	8°♋50'01	
	-5197 Sep 02 j 17:36	0°♌	
superior conj	-5197 Sep 03 j 18:13	1°♌38'58	0°47'54
minimum elong	-5197 Sep 03 j 23:28	2°♌00'01	0°47'32
max. Earth dist.	-5197 Sep 07 j 17:56	8°♌00'51	1.44444 AU
desc. node	-5197 Sep 11 j 13:59	14°♌04'13	
evening rise	-5197 Sep 20 j 09:48	27°♌50'42	
	-5197 Sep 21 j 19:10	0°♍	
greatest brilliancy	-5197 Oct 08 j 03:15	24°♍40'56	-0.6m
	-5197 Oct 12 j 01:32	0°♎	
evening max el	-5197 Oct 15 j 19:37	4°♎22'28	19°52'34
retrograde	-5197 Oct 23 j 08:00	8°♎45'33	
asc. node	-5197 Oct 26 j 05:49	7°♎56'16	
evening set	-5197 Oct 26 j 19:12	7°♎35'29	
inferior conj	-5197 Nov 01 j 09:15	1°♎33'07	1°59'15
minimum elong	-5197 Nov 01 j 06:43	1°♎41'27	1°58'21
min. Earth dist.	-5197 Nov 02 j 08:33	0°♎16'19	0.66417 AU
	-5197 Nov 02 j 13:32	30°℞♍	
morning rise	-5197 Nov 06 j 17:33	25°♍17'06	
direct	-5197 Nov 12 j 14:32	22°♍44'08	
morning max el	-5197 Nov 24 j 14:19	29°♍50'24	25°24'28
	-5197 Nov 24 j 18:08	0°♎	
desc. node	-5197 Dec 08 j 14:19	17°♎05'57	
	-5197 Dec 17 j 07:08	0°♏	
morning set	-5197 Dec 30 j 18:36	22°♏38'19	
max. Earth dist.	-5196 Jan 03 j 14:29	29°♏41'47	1.36544 AU
	-5196 Jan 03 j 18:21	0°♐	
superior conj	-5196 Jan 09 j 11:52	11°♐06'16	-1°-40'-44
minimum elong	-5196 Jan 09 j 14:30	11°♐19'20	1°40'49
evening rise	-5196 Jan 17 j 15:16	27°♐34'01	
	-5196 Jan 18 j 20:19	0°♑	
asc. node	-5196 Jan 22 j 04:33	6°♑32'34	
evening max el	-5196 Feb 04 j 04:32	25°♑50'21	19°45'46
	-5196 Feb 10 j 21:17	0°♒	
retrograde	-5196 Feb 13 j 21:40	0°♒25'59	
evening set	-5196 Feb 16 j 06:23	0°♒10'55	
	-5196 Feb 17 j 00:38	30°℞♑	
inferior conj	-5196 Feb 24 j 19:14	26°♑08'13	2°30'03
minimum elong	-5196 Feb 25 j 00:22	26°♑00'08	2°28'23
min. Earth dist.	-5196 Feb 27 j 05:21	24°♑37'18	0.56105 AU
morning rise	-5196 Mar 04 j 15:02	21°♑29'55	
desc. node	-5196 Mar 05 j 13:44	21°♑14'02	
direct	-5196 Mar 08 j 21:37	20°♑49'03	
morning max el	-5196 Mar 22 j 19:35	27°♑48'39	24°16'04
	-5196 Mar 24 j 23:15	0°♒	
	-5196 Apr 13 j 05:46	0°♓	
morning set	-5196 Apr 16 j 16:42	7°♓04'25	
asc. node	-5196 Apr 19 j 04:10	12°♓19'59	
superior conj	-5196 Apr 23 j 18:54	22°♓17'47	0°45'59
minimum elong	-5196 Apr 23 j 17:00	22°♓07'32	0°45'32
max. Earth dist.	-5196 Apr 25 j 11:04	25°♓53'42	1.33350 AU
	-5196 Apr 27 j 09:26	0°♈	
evening rise	-5196 May 01 j 05:22	7°♈54'50	
	-5196 May 13 j 04:06	0°♉	
desc. node	-5196 Jun 01 j 12:00	26°♉35'41	
evening max el	-5196 Jun 03 j 04:01	28°♉15'30	27°25'08
	-5196 Jun 05 j 01:45	0°♊	
retrograde	-5196 Jun 16 j 22:36	5°♊41'10	
evening set	-5196 Jun 24 j 01:21	3°♊07'15	
min. Earth dist.	-5196 Jun 27 j 15:43	0°♊02'27	0.63072 AU
	-5196 Jun 27 j 16:44	30°℞♉	
inferior conj	-5196 Jun 30 j 10:21	27°♉15'53	-3°-54'-56
minimum elong	-5196 Jun 30 j 13:07	27°♉08'55	3°54'19
morning rise	-5196 Jul 07 j 03:01	22°♉02'32	
direct	-5196 Jul 09 j 17:29	21°♉30'13	
asc. node	-5196 Jul 16 j 03:59	24°♉45'25	
morning max el	-5196 Jul 16 j 07:34	24°♉54'10	17°57'41
	-5196 Jul 20 j 12:14	0°♊	
morning set	-5196 Aug 02 j 00:10	20°♊48'48	
	-5196 Aug 07 j 06:11	0°♋	
superior conj	-5196 Aug 13 j 22:28	11°♋22'37	1°22'53
minimum elong	-5196 Aug 14 j 04:08	11°♋46'17	1°22'38
max. Earth dist.	-5196 Aug 20 j 08:18	21°♋54'38	1.43439 AU
	-5196 Aug 25 j 09:56	0°♌	
desc. node	-5196 Aug 28 j 10:56	4°♌46'08	
evening rise	-5196 Aug 29 j 13:20	6°♌28'45	
	-5196 Sep 14 j 04:07	0°♍	
greatest brilliancy	-5196 Sep 22 j 05:04	11°♍09'28	-0.5m
evening max el	-5196 Sep 27 j 20:28	17°♍48'38	20°57'17
retrograde	-5196 Oct 06 j 04:54	22°♍44'41	
evening set	-5196 Oct 10 j 02:47	21°♍17'46	
asc. node	-5196 Oct 12 j 02:58	19°♍26'30	
inferior conj	-5196 Oct 15 j 13:12	15°♍06'13	1°08'53
minimum elong	-5196 Oct 15 j 11:39	15°♍11'30	1°08'22
min. Earth dist.	-5196 Oct 16 j 01:11	14°♍25'19	0.67031 AU
morning rise	-5196 Oct 20 j 20:06	8°♍48'08	
direct	-5196 Oct 26 j 01:51	6°♍34'14	
morning max el	-5196 Nov 05 j 23:05	13°♍04'18	24°01'38
	-5196 Nov 19 j 15:11	0°♎	
desc. node	-5196 Nov 24 j 11:11	6°♎55'24	
	-5196 Dec 09 j 03:34	0°♏	
morning set	-5196 Dec 11 j 11:25	3°♏56'56	
max. Earth dist.	-5196 Dec 15 j 11:05	10°♏54'53	1.38497 AU
superior conj	-5196 Dec 22 j 15:54	24°♏10'16	-1°-50'-41
minimum elong	-5196 Dec 22 j 17:09	24°♏16'10	1°50'53
	-5196 Dec 25 j 16:45	0°♐	
evening rise	-5196 Dec 31 j 13:18	11°♐28'20	
asc. node	-5195 Jan 08 j 01:38	25°♐35'36	
	-5195 Jan 10 j 17:39	0°♑	
evening max el	-5195 Jan 17 j 01:50	8°♑05'38	18°53'09
retrograde	-5195 Jan 25 j 08:27	12°♑04'14	
evening set	-5195 Jan 27 j 18:58	11°♑44'57	
inferior conj	-5195 Feb 04 j 15:34	7°♑25'28	3°35'23
minimum elong	-5195 Feb 04 j 19:37	7°♑18'07	3°34'25
min. Earth dist.	-5195 Feb 07 j 20:51	5°♑06'43	0.57633 AU
morning rise	-5195 Feb 12 j 16:39	2°♑19'21	
direct	-5195 Feb 18 j 05:36	1°♑05'37	
desc. node	-5195 Feb 20 j 10:50	1°♑17'30	
morning max el	-5195 Mar 04 j 10:38	8°♑27'38	25°47'57

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5195 Mar 20 j 13:14	0°♒		
morning set	-5195 Apr 01 j 04:43	22°♒07'24		
	-5195 Apr 04 j 21:13	0°♓		
asc. node	-5195 Apr 06 j 01:06	2°♓31'34		
superior conj	-5195 Apr 08 j 05:41	7°♓18'24	0°22'31	
minimum elong	-5195 Apr 08 j 04:43	7°♓13'05	0°22'10	
max. Earth dist.	-5195 Apr 08 j 22:19	8°♓49'04	1.32823 AU	
evening rise	-5195 Apr 15 j 09:40	22°♓37'10		
	-5195 Apr 19 j 01:47	0°♈		
	-5195 May 07 j 05:20	0°♉		
evening max el	-5195 May 16 j 09:50	10°♉39'03	27°03'24	
desc. node	-5195 May 19 j 09:12	13°♉16'13		
retrograde	-5195 May 30 j 09:26	18°♉01'42		
evening set	-5195 Jun 06 j 05:42	15°♉54'01		
min. Earth dist.	-5195 Jun 09 j 23:19	13°♉08'14	0.61176 AU	
inferior conj	-5195 Jun 13 j 04:59	10°♉17'29	-4°-10'-27	
minimum elong	-5195 Jun 13 j 05:49	10°♉15'38	4°10'16	
morning rise	-5195 Jun 20 j 08:51	5°♉25'05		
direct	-5195 Jun 22 j 21:18	4°♉58'56		
morning max el	-5195 Jun 29 j 20:47	8°♉26'01	18°03'19	
asc. node	-5195 Jul 03 j 00:59	12°♉04'34		
	-5195 Jul 13 j 21:22	0°♊		
morning set	-5195 Jul 15 j 21:37	3°♊41'43		
superior conj	-5195 Jul 26 j 06:16	22°♊28'08	1°42'50	
minimum elong	-5195 Jul 26 j 09:24	22°♊41'53	1°42'56	
	-5195 Jul 30 j 14:41	0°♋		
max. Earth dist.	-5195 Aug 02 j 17:38	5°♋15'40	1.41896 AU	
evening rise	-5195 Aug 08 j 23:45	15°♋27'18		
desc. node	-5195 Aug 15 j 07:55	25°♋22'25		
	-5195 Aug 18 j 08:57	0°♌		
greatest brilliancy	-5195 Sep 05 j 21:21	25°♌52'41	-0.3m	
	-5195 Sep 09 j 10:55	0°♍		
evening max el	-5195 Sep 10 j 14:59	1°♍13'25	22°12'29	
retrograde	-5195 Sep 20 j 00:12	6°♍47'38		
evening set	-5195 Sep 24 j 10:54	5°♍01'27		
	-5195 Sep 28 j 21:11	30°℞♌		
asc. node	-5195 Sep 29 j 00:05	29°♌50'06		
inferior conj	-5195 Sep 29 j 19:17	28°♌44'03	0°16'19	
minimum elong	-5195 Sep 29 j 18:54	28°♌45'22	0°16'19	
transit middle	-5195 Sep 29 j 18:54	28°♌45'22	0°16'19	
transit begin	-5195 Sep 29 j 18:40	28°♌46'10		
transit end	-5195 Sep 29 j 19:08	28°♌44'34		
min. Earth dist.	-5195 Sep 29 j 20:48	28°♌38'48	0.67333 AU	
morning rise	-5195 Oct 05 j 02:44	22°♌26'56		
direct	-5195 Oct 09 j 17:29	20°♌34'24		
morning max el	-5195 Oct 19 j 10:15	26°♌21'30	22°35'47	
	-5195 Oct 22 j 17:48	0°♍		
greatest brilliancy	-5195 Oct 24 j 03:49	1°♍41'45	-0.3m	
desc. node	-5195 Nov 11 j 08:03	27°♍05'55		
	-5195 Nov 13 j 05:44	0°♎		
morning set	-5195 Nov 22 j 00:41	13°♎53'43		
max. Earth dist.	-5195 Nov 27 j 08:53	22°♎46'44	1.40552 AU	
	-5195 Dec 01 j 13:19	0°♏		
superior conj	-5195 Dec 05 j 02:55	6°♏20'47	-1°-51'-13	
minimum elong	-5195 Dec 05 j 01:31	6°♏14'25	1°51'20	
evening rise	-5195 Dec 15 j 01:55	24°♏50'43		
	-5195 Dec 17 j 19:47	0°♐		
asc. node	-5195 Dec 25 j 22:44	14°♐04'07		
evening max el	-5195 Dec 31 j 07:01	20°♐49'16	18°20'36	
retrograde	-5194 Jan 07 j 13:57	24°♐26'22		
evening set	-5194 Jan 10 j 02:30	24°♐01'30		
inferior conj	-5194 Jan 17 j 08:15	19°♐20'25	4°03'45	
minimum elong	-5194 Jan 17 j 09:23	19°♐18'02	4°03'25	
min. Earth dist.	-5194 Jan 20 j 16:16	16°♐33'15	0.59543 AU	
morning rise	-5194 Jan 24 j 13:12	13°♐51'47		
direct	-5194 Jan 31 j 01:29	11°♐59'16		
desc. node	-5194 Feb 07 j 07:54	14°♐08'42		
morning max el	-5194 Feb 14 j 06:12	19°♐32'52	26°58'08	
	-5194 Feb 23 j 04:30	0°♑		
	-5194 Mar 13 j 03:20	0°♒		
morning set	-5194 Mar 16 j 14:52	7°♒04'05		
superior conj	-5194 Mar 23 j 17:26	22°♒20'41	0°-2'00	
minimum elong	-5194 Mar 23 j 17:32	22°♒21'12	0°02'11	
behind sun begin	-5194 Mar 23 j 12:35	21°♒54'03		
behind sun end	-5194 Mar 23 j 22:30	22°♒48'21		
max. Earth dist.	-5194 Mar 23 j 11:59	21°♒50'48	1.32625 AU	
asc. node	-5194 Mar 23 j 22:05	22°♒46'05		
	-5194 Mar 27 j 05:40	0°♓		
evening rise	-5194 Mar 30 j 18:22	7°♓31'20		
	-5194 Apr 11 j 15:18	0°♈		
evening max el	-5194 Apr 28 j 09:37	22°♈20'53	26°09'40	
desc. node	-5194 May 06 j 06:23	28°♈06'04		
retrograde	-5194 May 12 j 11:48	29°♈38'35		
evening set	-5194 May 18 j 13:51	28°♈07'00		
min. Earth dist.	-5194 May 22 j 22:20	25°♈23'52	0.59142 AU	
inferior conj	-5194 May 26 j 07:17	22°♈49'35	-4°-3'-22	
minimum elong	-5194 May 26 j 05:04	22°♈53'50	4°03'07	
morning rise	-5194 Jun 03 j 00:07	18°♈19'21		
direct	-5194 Jun 05 j 11:21	17°♈58'17		
morning max el	-5194 Jun 13 j 05:50	21°♈40'33	18°28'31	
asc. node	-5194 Jun 19 j 21:58	0°♉15'36		
	-5194 Jun 19 j 18:00	0°♉		
morning set	-5194 Jun 29 j 08:54	17°♉16'50		
	-5194 Jul 06 j 00:39	0°♊		
superior conj	-5194 Jul 08 j 13:51	4°♊45'51	1°49'29	
minimum elong	-5194 Jul 08 j 14:10	4°♊47'21	1°49'45	
max. Earth dist.	-5194 Jul 15 j 21:22	17°♊53'20	1.40029 AU	
evening rise	-5194 Jul 20 j 08:57	25°♊31'20		
	-5194 Jul 23 j 02:06	0°♋		
desc. node	-5194 Aug 02 j 04:56	15°♋49'01		
	-5194 Aug 12 j 02:41	0°♌		
evening max el	-5194 Aug 24 j 04:16	14°♌37'58	23°33'08	
retrograde	-5194 Sep 03 j 16:41	20°♌51'12		
evening set	-5194 Sep 08 j 17:46	18°♌44'48		
min. Earth dist.	-5194 Sep 13 j 16:59	12°♌54'48	0.67340 AU	
inferior conj	-5194 Sep 14 j 01:44	12°♌24'49	0°-36'-47	
minimum elong	-5194 Sep 14 j 02:35	12°♌21'56	0°36'14	
asc. node	-5194 Sep 15 j 21:14	9°♌59'06		
morning rise	-5194 Sep 19 j 11:30	6°♌11'46		
direct	-5194 Sep 23 j 12:38	4°♌39'57		
morning max el	-5194 Oct 02 j 02:47	9°♌44'43	21°14'37	
greatest brilliancy	-5194 Oct 07 j 13:17	16°♌05'13	-0.5m	
	-5194 Oct 17 j 13:51	0°♍		
desc. node	-5194 Oct 29 j 04:54	17°♍30'38		
morning set	-5194 Nov 01 j 11:22	22°♍36'11		
	-5194 Nov 06 j 03:13	0°♎		
max. Earth dist.	-5194 Nov 09 j 12:39	5°♎29'59	1.42419 AU	
superior conj	-5194 Nov 16 j 15:05	17°♎22'18	-1°-38'-47	
minimum elong	-5194 Nov 16 j 10:17	17°♎01'48	1°38'30	
	-5194 Nov 23 j 20:37	0°♏		
evening rise	-5194 Nov 28 j 01:25	7°♏32'13		
	-5194 Dec 11 j 10:38	0°♐		
asc. node	-5194 Dec 12 j 19:52	1°♐46'42		
evening max el	-5194 Dec 14 j 17:21	3°♐52'46	18°08'02	
retrograde	-5194 Dec 21 j 11:07	7°♐21'55		
evening set	-5194 Dec 24 j 01:54	6°♐50'31		
inferior conj	-5194 Dec 30 j 19:15	1°♐47'36	4°03'17	
minimum elong	-5194 Dec 30 j 17:48	1°♐51'04	4°02'56	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5193 Jan 01 j 15:34	30℞♏	
min. Earth dist.	-5193 Jan 02 j 19:03	28°♏55'03	0.61511 AU
morning rise	-5193 Jan 06 j 07:22	26°♏02'30	
direct	-5193 Jan 13 j 07:30	23°♏36'46	
desc. node	-5193 Jan 25 j 04:57	29°♏18'47	
	-5193 Jan 25 j 23:28	0°♐	
morning max el	-5193 Jan 27 j 08:11	1°♐17'11	27°35'54
	-5193 Feb 17 j 07:14	0°♑	
morning set	-5193 Feb 28 j 21:10	21°♑46'45	
	-5193 Mar 04 j 19:21	0°♒	
max. Earth dist.	-5193 Mar 07 j 00:06	4°♒43'53	1.32762 AU
superior conj	-5193 Mar 08 j 04:31	7°♒18'16	0°-26'-42
minimum elong	-5193 Mar 08 j 05:42	7°♒24'41	0°26'42
asc. node	-5193 Mar 10 j 19:05	12°♒58'58	
evening rise	-5193 Mar 15 j 05:24	22°♒29'32	
	-5193 Mar 18 j 21:18	0°♓	
	-5193 Apr 06 j 21:12	0°♈	
evening max el	-5193 Apr 10 j 03:42	3°♈25'13	24°50'35
desc. node	-5193 Apr 23 j 03:35	10°♈28'46	
retrograde	-5193 Apr 24 j 03:52	10°♈31'10	
evening set	-5193 Apr 29 j 01:11	9°♈36'26	
min. Earth dist.	-5193 May 04 j 16:00	6°♈39'58	0.57245 AU
inferior conj	-5193 May 07 j 14:12	4°♈43'47	-3°-24'-13
minimum elong	-5193 May 07 j 09:09	4°♈52'12	3°23'13
morning rise	-5193 May 15 j 21:23	0°♈33'14	
direct	-5193 May 18 j 07:31	0°♈16'22	
morning max el	-5193 May 27 j 07:52	4°♈28'39	19°13'56
asc. node	-5193 Jun 06 j 18:59	19°♈06'32	
	-5193 Jun 12 j 13:04	0°♉	
morning set	-5193 Jun 13 j 06:15	1°♉24'51	
superior conj	-5193 Jun 21 j 15:28	18°♉00'00	1°45'56
minimum elong	-5193 Jun 21 j 13:51	17°♉52'08	1°46'04
max. Earth dist.	-5193 Jun 27 j 22:35	29°♉52'34	1.38099 AU
	-5193 Jun 28 j 00:13	0°♊	
evening rise	-5193 Jul 01 j 20:49	6°♊54'42	
	-5193 Jul 16 j 00:27	0°♋	
desc. node	-5193 Jul 20 j 02:00	6°♋01'03	
evening max el	-5193 Aug 06 j 14:57	28°♋05'29	24°52'26
	-5193 Aug 08 j 15:41	0°♌	
retrograde	-5193 Aug 18 j 05:21	4°♌52'10	
evening set	-5193 Aug 23 j 21:33	2°♌26'51	
	-5193 Aug 26 j 06:26	30℞♋	
min. Earth dist.	-5193 Aug 28 j 11:23	27°♋12'27	0.67045 AU
inferior conj	-5193 Aug 29 j 06:53	26°♋07'41	-1°-28'-46
minimum elong	-5193 Aug 29 j 08:53	26°♋01'02	1°27'44
asc. node	-5193 Sep 02 j 18:22	20°♋53'33	
morning rise	-5193 Sep 03 j 20:35	20°♋01'49	
direct	-5193 Sep 07 j 10:07	18°♋48'19	
morning max el	-5193 Sep 15 j 02:19	23°♋16'10	20°03'50
	-5193 Sep 20 j 16:51	0°♌	
greatest brilliancy	-5193 Sep 22 j 10:30	2°♌21'45	-0.6m
	-5193 Oct 10 j 21:07	0°♍	
morning set	-5193 Oct 11 j 10:10	0°♍50'32	
desc. node	-5193 Oct 16 j 01:47	8°♍05'15	
max. Earth dist.	-5193 Oct 22 j 23:05	18°♍58'34	1.43846 AU
superior conj	-5193 Oct 27 j 23:55	27°♍05'42	-1°-10'-27
minimum elong	-5193 Oct 27 j 17:22	26°♍39'01	1°09'44
	-5193 Oct 29 j 18:34	0°♎	
evening rise	-5193 Nov 10 j 07:20	19°♎23'32	
	-5193 Nov 16 j 12:04	0°♏	
evening max el	-5193 Nov 28 j 06:02	17°♏09'15	18°14'44
asc. node	-5193 Nov 29 j 17:01	18°♏30'03	
retrograde	-5193 Dec 04 j 19:32	20°♏41'39	
evening set	-5193 Dec 07 j 13:39	20°♏02'15	
inferior conj	-5193 Dec 13 j 20:52	14°♏39'07	3°42'48
minimum elong	-5193 Dec 13 j 17:59	14°♏46'57	3°42'07
min. Earth dist.	-5193 Dec 16 j 07:19	12°♏01'02	0.63304 AU
morning rise	-5193 Dec 19 j 20:39	8°♏41'55	
direct	-5193 Dec 26 j 21:44	5°♏56'36	
morning max el	-5192 Jan 09 j 15:04	13°♏38'56	27°37'36
desc. node	-5192 Jan 12 j 01:58	16°♏11'45	
	-5192 Jan 22 j 21:43	0°♐	
	-5192 Feb 09 j 18:19	0°♑	
morning set	-5192 Feb 12 j 21:13	6°♑06'55	
max. Earth dist.	-5192 Feb 18 j 06:46	17°♑14'46	1.33271 AU
superior conj	-5192 Feb 20 j 13:13	22°♑05'02	0°-50'-41
minimum elong	-5192 Feb 20 j 15:21	22°♑16'32	0°50'34
	-5192 Feb 24 j 05:25	0°♒	
asc. node	-5192 Feb 25 j 16:06	3°♒06'03	
evening rise	-5192 Feb 27 j 16:59	7°♒25'10	
	-5192 Mar 10 j 18:07	0°♓	
evening max el	-5192 Mar 21 j 20:03	14°♓10'53	23°18'02
retrograde	-5192 Apr 04 j 07:12	20°♓49'19	
evening set	-5192 Apr 07 j 21:42	20°♓20'52	
desc. node	-5192 Apr 09 j 00:49	20°♓00'53	
min. Earth dist.	-5192 Apr 15 j 07:17	16°♓59'17	0.55841 AU
inferior conj	-5192 Apr 17 j 01:34	15°♓56'48	-2°-6'-23
minimum elong	-5192 Apr 16 j 20:35	16°♓04'12	2°05'00
morning rise	-5192 Apr 25 j 22:35	11°♓57'43	
direct	-5192 Apr 28 j 09:25	11°♓42'58	
morning max el	-5192 May 09 j 00:14	16°♓40'06	20°19'26
	-5192 May 19 j 00:31	0°♈	
asc. node	-5192 May 23 j 15:57	8°♈26'57	
morning set	-5192 May 27 j 10:35	15°♈56'57	
	-5192 Jun 03 j 07:17	0°♉	
superior conj	-5192 Jun 04 j 05:59	1°♉54'57	1°34'57
minimum elong	-5192 Jun 04 j 03:24	1°♉41'57	1°34'50
max. Earth dist.	-5192 Jun 09 j 03:48	11°♉37'27	1.36341 AU
evening rise	-5192 Jun 13 j 07:23	19°♉27'03	
	-5192 Jun 19 j 05:49	0°♊	
desc. node	-5192 Jul 05 j 23:07	25°♊51'09	
	-5192 Jul 09 j 01:22	0°♋	
evening max el	-5192 Jul 19 j 01:37	11°♋35'32	26°02'30
retrograde	-5192 Jul 31 j 13:28	18°♋44'52	
evening set	-5192 Aug 06 j 20:13	16°♋04'53	
min. Earth dist.	-5192 Aug 11 j 01:31	11°♋28'42	0.66419 AU
inferior conj	-5192 Aug 12 j 08:51	9°♋49'51	-2°-17'-55
minimum elong	-5192 Aug 12 j 11:48	9°♋40'32	2°16'37
morning rise	-5192 Aug 18 j 04:05	3°♋54'31	
asc. node	-5192 Aug 19 j 15:29	3°♋12'56	
direct	-5192 Aug 21 j 08:23	2°♋56'13	
morning max el	-5192 Aug 28 j 08:34	6°♋54'54	19°07'03
	-5192 Sep 13 j 16:12	0°♌	
morning set	-5192 Sep 19 j 20:05	9°♌41'51	
desc. node	-5192 Oct 01 j 22:40	28°♌45'45	
	-5192 Oct 02 j 17:30	0°♍	
max. Earth dist.	-5192 Oct 04 j 14:49	2°♍58'46	1.44648 AU
superior conj	-5192 Oct 06 j 08:01	5°♍41'34	0°-27'-20
minimum elong	-5192 Oct 06 j 04:33	5°♍27'53	0°26'46
	-5192 Oct 21 j 11:12	0°♎	
evening rise	-5192 Oct 21 j 14:48	0°♎14'40	
	-5192 Nov 10 j 05:48	0°♏	
evening max el	-5192 Nov 10 j 18:19	0°♏33'02	18°39'42
asc. node	-5192 Nov 15 j 14:10	3°♏58'51	
retrograde	-5192 Nov 17 j 11:13	4°♏18'14	
evening set	-5192 Nov 20 j 10:23	3°♏28'51	
	-5192 Nov 24 j 11:49	30℞♎	
inferior conj	-5192 Nov 26 j 09:30	27°♎47'57	3°09'01

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5192 Nov 26 j 06:13	27°♎57'45	3°08'03
min. Earth dist.	-5192 Nov 28 j 05:25	25°♎37'20	0.64785 AU
morning rise	-5192 Dec 02 j 00:52	21°♎41'35	
direct	-5192 Dec 08 j 18:41	18°♎52'03	
morning max el	-5192 Dec 22 j 00:24	26°♎28'47	27°05'54
	-5192 Dec 25 j 08:02	0°♏	
desc. node	-5192 Dec 28 j 22:58	4°♏17'52	
	-5191 Jan 15 j 11:02	0°♐	
morning set	-5191 Jan 26 j 11:57	19°♐54'35	
max. Earth dist.	-5191 Jan 31 j 04:25	29°♐13'46	1.34195 AU
	-5191 Jan 31 j 13:28	0°♑	
superior conj	-5191 Feb 03 j 17:32	6°♑34'28	-1°-12'-52
minimum elong	-5191 Feb 03 j 20:20	6°♑49'10	1°12'46
evening rise	-5191 Feb 11 j 03:22	22°♑12'19	
asc. node	-5191 Feb 11 j 13:07	23°♑02'57	
	-5191 Feb 14 j 23:31	0°♒	
evening max el	-5191 Mar 03 j 16:36	25°♒04'23	21°45'49
	-5191 Mar 10 j 23:40	0°♓	
retrograde	-5191 Mar 15 j 23:19	0°♓58'26	
evening set	-5191 Mar 18 j 16:40	0°♓41'53	
	-5191 Mar 21 j 04:24	30°℞♒	
desc. node	-5191 Mar 26 j 22:01	27°♒15'00	
inferior conj	-5191 Mar 27 j 23:29	26°♒39'14	0°-17'-28
minimum elong	-5191 Mar 27 j 22:40	26°♒40'23	0°17'23
min. Earth dist.	-5191 Mar 27 j 21:37	26°♒41'53	0.55230 AU
morning rise	-5191 Apr 06 j 05:11	22°♒37'26	
direct	-5191 Apr 08 j 23:41	22°♒20'20	
morning max el	-5191 Apr 21 j 05:37	28°♒10'04	21°43'02
	-5191 Apr 23 j 01:25	0°♓	
asc. node	-5191 May 10 j 12:55	28°♓09'26	
	-5191 May 11 j 10:31	0°♈	
morning set	-5191 May 11 j 19:30	0°♈46'24	
superior conj	-5191 May 19 j 05:32	16°♈19'32	1°18'40
minimum elong	-5191 May 19 j 02:48	16°♈05'17	1°18'20
max. Earth dist.	-5191 May 22 j 18:15	23°♈35'27	1.34900 AU
	-5191 May 25 j 23:28	0°♉	
evening rise	-5191 May 27 j 11:09	2°♉52'56	
	-5191 Jun 12 j 03:11	0°♊	
desc. node	-5191 Jun 22 j 20:16	15°♊09'42	
evening max el	-5191 Jul 01 j 12:58	25°♊01'53	26°55'01
	-5191 Jul 07 j 15:55	0°♋	
retrograde	-5191 Jul 14 j 16:21	2°♋23'00	
	-5191 Jul 20 j 23:17	30°℞♊	
evening set	-5191 Jul 21 j 11:21	29°♊35'55	
min. Earth dist.	-5191 Jul 25 j 09:00	25°♊38'44	0.65426 AU
inferior conj	-5191 Jul 27 j 05:36	23°♊28'05	-3°-2'-11
minimum elong	-5191 Jul 27 j 09:05	23°♊17'52	3°00'55
morning rise	-5191 Aug 02 j 07:55	17°♊46'42	
direct	-5191 Aug 05 j 05:15	17°♊00'32	
asc. node	-5191 Aug 06 j 12:34	17°♊09'52	
morning max el	-5191 Aug 11 j 19:58	20°♊38'33	18°26'22
	-5191 Aug 18 j 23:50	0°♋	
morning set	-5191 Aug 31 j 07:17	19°♋47'37	
	-5191 Sep 06 j 13:57	0°♌	
superior conj	-5191 Sep 15 j 07:29	13°♌57'05	0°21'54
minimum elong	-5191 Sep 15 j 10:16	14°♌08'07	0°21'46
max. Earth dist.	-5191 Sep 17 j 09:01	17°♌12'57	1.44733 AU
desc. node	-5191 Sep 18 j 19:33	19°♌29'07	
	-5191 Sep 25 j 12:02	0°♍	
evening rise	-5191 Oct 01 j 20:59	10°♍00'32	
	-5191 Oct 14 j 17:07	0°♎	
greatest brilliancy	-5191 Oct 15 j 05:45	0°♎47'42	-0.7m
evening max el	-5191 Oct 25 j 03:37	13°♎59'22	19°21'31
retrograde	-5191 Nov 01 j 06:55	18°♎06'10	
asc. node	-5191 Nov 02 j 11:19	17°♎58'04	
evening set	-5191 Nov 04 j 13:09	17°♎04'17	
inferior conj	-5191 Nov 10 j 06:00	11°♎08'38	2°26'27
minimum elong	-5191 Nov 10 j 03:03	11°♎18'04	2°25'27
min. Earth dist.	-5191 Nov 11 j 12:18	9°♎31'47	0.65920 AU
morning rise	-5191 Nov 15 j 16:08	4°♎55'30	
direct	-5191 Nov 21 j 21:28	2°♎14'13	
morning max el	-5191 Dec 04 j 09:56	9°♎34'46	26°07'10
desc. node	-5191 Dec 15 j 19:52	23°♎14'55	
	-5191 Dec 20 j 15:01	0°♏	
	-5190 Jan 07 j 22:54	0°♐	
morning set	-5190 Jan 09 j 13:08	2°♐55'50	
max. Earth dist.	-5190 Jan 13 j 14:37	10°♐38'47	1.35566 AU
superior conj	-5190 Jan 18 j 14:58	20°♐37'29	-1°-31'-55
minimum elong	-5190 Jan 18 j 17:54	20°♐52'20	1°31'55
	-5190 Jan 23 j 04:24	0°♑	
evening rise	-5190 Jan 26 j 10:38	6°♑43'27	
asc. node	-5190 Jan 29 j 10:09	12°♑43'42	
	-5190 Feb 08 j 10:58	0°♒	
evening max el	-5190 Feb 13 j 21:46	6°♒24'14	20°24'43
retrograde	-5190 Feb 24 j 13:45	11°♒27'28	
evening set	-5190 Feb 26 j 23:06	11°♒13'19	
inferior conj	-5190 Mar 07 j 20:28	7°♒14'50	1°35'28
minimum elong	-5190 Mar 08 j 00:25	7°♒09'01	1°33'58
min. Earth dist.	-5190 Mar 09 j 11:34	6°♒17'17	0.55535 AU
desc. node	-5190 Mar 13 j 19:10	4°♒00'57	
morning rise	-5190 Mar 16 j 23:36	2°♒53'19	
direct	-5190 Mar 20 j 13:40	2°♒25'15	
morning max el	-5190 Apr 03 j 01:24	9°♒02'57	23°19'15
	-5190 Apr 18 j 05:18	0°♓	
morning set	-5190 Apr 26 j 07:00	15°♓45'57	
asc. node	-5190 Apr 27 j 09:52	18°♓07'04	
	-5190 May 02 j 23:13	0°♈	
superior conj	-5190 May 03 j 11:10	1°♈03'51	0°58'41
minimum elong	-5190 May 03 j 08:51	0°♈51'28	0°58'15
max. Earth dist.	-5190 May 05 j 18:33	5°♈57'42	1.33814 AU
evening rise	-5190 May 11 j 03:12	16°♈57'12	
	-5190 May 18 j 00:26	0°♉	
	-5190 Jun 06 j 14:43	0°♊	
desc. node	-5190 Jun 09 j 17:26	3°♊43'06	
evening max el	-5190 Jun 13 j 23:48	8°♊12'53	27°22'38
retrograde	-5190 Jun 27 j 13:43	15°♊38'20	
evening set	-5190 Jul 04 j 15:59	12°♊55'23	
min. Earth dist.	-5190 Jul 08 j 07:46	9°♊34'05	0.64041 AU
inferior conj	-5190 Jul 10 j 18:37	6°♊57'24	-3°-38'-48
minimum elong	-5190 Jul 10 j 21:57	6°♊48'31	3°37'54
morning rise	-5190 Jul 17 j 05:37	1°♊33'14	
direct	-5190 Jul 19 j 22:05	0°♊56'31	
asc. node	-5190 Jul 24 j 09:37	2°♊37'15	
morning max el	-5190 Jul 26 j 10:14	4°♊22'44	18°03'00
	-5190 Aug 12 j 04:51	0°♋	
morning set	-5190 Aug 12 j 20:51	1°♋08'36	
superior conj	-5190 Aug 25 j 21:06	22°♋57'11	1°04'34
minimum elong	-5190 Aug 26 j 03:05	23°♋21'32	1°04'10
	-5190 Aug 30 j 05:48	0°♌	
max. Earth dist.	-5190 Aug 31 j 01:54	1°♌20'21	1.44095 AU
desc. node	-5190 Sep 05 j 16:29	10°♌12'29	
evening rise	-5190 Sep 11 j 06:10	18°♌52'42	
	-5190 Sep 18 j 12:13	0°♍	
greatest brilliancy	-5190 Oct 01 j 15:47	19°♍16'11	-0.6m
evening max el	-5190 Oct 08 j 07:53	27°♍25'49	20°18'31
	-5190 Oct 11 j 04:17	0°♎	
retrograde	-5190 Oct 16 j 04:05	2°♎02'15	
evening set	-5190 Oct 19 j 19:35	0°♎45'11	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5190 Oct 20 j 08:28	0°♎20'49		
	-5190 Oct 20 j 18:20	30°℞♍		
inferior conj	-5190 Oct 25 j 07:52	24°♍38'13	1°38'18	
minimum elong	-5190 Oct 25 j 05:43	24°♍45'25	1°37'31	
min. Earth dist.	-5190 Oct 26 j 02:07	23°♍36'58	0.66714 AU	
morning rise	-5190 Oct 30 j 15:19	18°♍20'59		
direct	-5190 Nov 05 j 05:45	15°♍55'56		
morning max el	-5190 Nov 16 j 18:54	22°♍48'03	24°50'16	
	-5190 Nov 23 j 03:45	0°♎		
desc. node	-5190 Dec 02 j 16:45	12°♎48'22		
	-5190 Dec 13 j 23:18	0°♏		
morning set	-5190 Dec 22 j 19:32	14°♏56'29		
max. Earth dist.	-5190 Dec 26 j 14:44	21°♏47'22	1.37345 AU	
	-5190 Dec 30 j 23:40	0°♐		
superior conj	-5189 Jan 02 j 02:27	4°♐05'36	-1°-45'-54	
minimum elong	-5189 Jan 02 j 04:39	4°♐16'17	1°46'03	
evening rise	-5189 Jan 10 j 12:45	20°♐52'49		
	-5189 Jan 15 j 04:55	0°♑		
asc. node	-5189 Jan 16 j 07:12	2°♑02'19		
evening max el	-5189 Jan 27 j 13:20	18°♑19'01	19°20'55	
retrograde	-5189 Feb 05 j 14:54	22°♑37'37		
evening set	-5189 Feb 08 j 00:02	22°♑21'06		
inferior conj	-5189 Feb 16 j 05:56	18°♑11'57	3°02'33	
minimum elong	-5189 Feb 16 j 11:01	18°♑03'28	3°01'07	
min. Earth dist.	-5189 Feb 19 j 02:13	16°♑18'54	0.56681 AU	
morning rise	-5189 Feb 24 j 18:23	13°♑21'09		
desc. node	-5189 Feb 28 j 16:17	12°♑29'56		
direct	-5189 Mar 01 j 13:48	12°♑28'03		
morning max el	-5189 Mar 15 j 16:32	19°♑39'13	24°56'59	
	-5189 Mar 24 j 10:10	0°♒		
	-5189 Apr 10 j 09:53	0°♓		
morning set	-5189 Apr 10 j 19:18	0°♓49'18		
asc. node	-5189 Apr 14 j 06:48	8°♓14'43		
superior conj	-5189 Apr 17 j 20:37	16°♓00'23	0°36'12	
minimum elong	-5189 Apr 17 j 19:05	15°♓52'04	0°35'48	
max. Earth dist.	-5189 Apr 19 j 02:36	18°♓42'41	1.33081 AU	
	-5189 Apr 24 j 10:39	0°♈		
evening rise	-5189 Apr 25 j 03:52	1°♈28'10		
	-5189 May 10 j 23:32	0°♉		
evening max el	-5189 May 27 j 07:57	20°♉56'13	27°19'50	
desc. node	-5189 May 27 j 14:37	21°♉12'07		
retrograde	-5189 Jun 10 j 04:57	28°♉21'30		
evening set	-5189 Jun 17 j 06:24	25°♉56'43		
min. Earth dist.	-5189 Jun 20 j 20:50	23°♉02'09	0.62296 AU	
inferior conj	-5189 Jun 23 j 20:56	20°♉11'11	-4°-3'-44	
minimum elong	-5189 Jun 23 j 23:03	20°♉06'09	4°03'21	
morning rise	-5189 Jun 30 j 18:13	15°♉06'51		
direct	-5189 Jul 03 j 07:37	14°♉37'26		
morning max el	-5189 Jul 10 j 00:42	18°♉01'19	17°57'45	
asc. node	-5189 Jul 11 j 06:38	19°♉20'10		
	-5189 Jul 18 j 15:44	0°♊		
morning set	-5189 Jul 26 j 08:11	13°♊31'30		
	-5189 Aug 04 j 15:35	0°♋		
superior conj	-5189 Aug 06 j 13:14	3°♋16'04	1°33'08	
minimum elong	-5189 Aug 06 j 18:00	3°♋36'22	1°33'03	
max. Earth dist.	-5189 Aug 13 j 14:04	15°♋00'50	1.42833 AU	
evening rise	-5189 Aug 21 j 09:58	27°♋31'40		
	-5189 Aug 23 j 00:00	0°♌		
desc. node	-5189 Aug 23 j 13:27	0°♌52'11		
	-5189 Sep 12 j 08:47	0°♍		
greatest brilliancy	-5189 Sep 16 j 02:59	4°♍55'53	-0.4m	
evening max el	-5189 Sep 21 j 05:53	10°♍50'31	21°28'13	
retrograde	-5189 Sep 30 j 00:36	16°♍03'00		
evening set	-5189 Oct 04 j 03:37	14°♍28'10		
asc. node	-5189 Oct 07 j 05:37	11°♍17'36		
inferior conj	-5189 Oct 09 j 12:57	8°♍13'29	0°46'46	
minimum elong	-5189 Oct 09 j 11:54	8°♍17'10	0°46'27	
min. Earth dist.	-5189 Oct 09 j 20:25	7°♍47'50	0.67193 AU	
morning rise	-5189 Oct 14 j 19:51	1°♍55'11		
	-5189 Oct 18 j 09:02	30°℞♌		
direct	-5189 Oct 19 j 19:00	29°♌50'22		
	-5189 Oct 21 j 06:10	0°♍		
morning max el	-5189 Oct 30 j 04:24	6°♍03'17	23°24'55	
greatest brilliancy	-5189 Nov 05 j 00:51	12°♍42'34	-0.2m	
	-5189 Nov 17 j 16:22	0°♎		
desc. node	-5189 Nov 19 j 13:38	2°♎47'16		
morning set	-5189 Dec 04 j 01:05	25°♎40'49		
	-5189 Dec 06 j 14:14	0°♏		
max. Earth dist.	-5189 Dec 08 j 10:34	3°♏11'31	1.39373 AU	
superior conj	-5189 Dec 15 j 23:50	16°♏47'42	-1°-52'-16	
minimum elong	-5189 Dec 16 j 00:06	16°♏48'57	1°52'28	
	-5189 Dec 22 j 22:29	0°♐		
evening rise	-5189 Dec 25 j 07:08	4°♐33'46		
asc. node	-5188 Jan 03 j 04:16	20°♐51'26		
	-5188 Jan 09 j 19:42	0°♑		
evening max el	-5188 Jan 10 j 14:16	0°♑46'46	18°36'52	
retrograde	-5188 Jan 18 j 09:36	4°♑34'24		
evening set	-5188 Jan 20 j 20:51	4°♑13'00		
inferior conj	-5188 Jan 28 j 10:54	29°♐44'57	3°51'34	
minimum elong	-5188 Jan 28 j 13:47	29°♐39'23	3°50'57	
	-5188 Jan 28 j 03:06	30°℞♐		
min. Earth dist.	-5188 Jan 31 j 19:16	27°♐10'55	0.58413 AU	
morning rise	-5188 Feb 05 j 03:09	24°♐28'05		
direct	-5188 Feb 11 j 03:19	22°♐57'37		
desc. node	-5188 Feb 15 j 13:22	23°♐45'26		
	-5188 Feb 24 j 21:58	0°♑		
morning max el	-5188 Feb 25 j 09:04	0°♑26'31	26°21'18	
	-5188 Mar 17 j 05:21	0°♒		
morning set	-5188 Mar 25 j 06:46	15°♒50'16		
asc. node	-5188 Mar 31 j 03:45	28°♒27'57		
	-5188 Mar 31 j 20:36	0°♓		
superior conj	-5188 Apr 01 j 08:03	1°♓02'35	0°12'12	
minimum elong	-5188 Apr 01 j 07:31	0°♓59'41	0°11'56	
behind sun begin	-5188 Apr 01 j 04:14	0°♓41'43		
behind sun end	-5188 Apr 01 j 10:48	1°♓17'39		
max. Earth dist.	-5188 Apr 01 j 15:08	1°♓41'17	1.32688 AU	
evening rise	-5188 Apr 08 j 10:18	16°♓16'26		
	-5188 Apr 15 j 09:29	0°♈		
	-5188 May 05 j 12:18	0°♉		
evening max el	-5188 May 08 j 11:20	3°♉02'39	26°44'20	
desc. node	-5188 May 13 j 11:49	7°♉10'14		
retrograde	-5188 May 22 j 12:51	10°♉24'24		
evening set	-5188 May 29 j 02:38	8°♉31'18		
min. Earth dist.	-5188 Jun 02 j 00:47	5°♉48'35	0.60306 AU	
inferior conj	-5188 Jun 05 j 09:08	3°♉01'54	-4°-10'-49	
minimum elong	-5188 Jun 05 j 08:47	3°♉02'39	4°10'42	
	-5188 Jun 09 j 08:17	30°℞♈		
morning rise	-5188 Jun 12 j 18:20	28°♈18'59		
direct	-5188 Jun 15 j 06:02	27°♈55'15		
	-5188 Jun 20 j 19:29	0°♉		
morning max el	-5188 Jun 22 j 12:35	1°♉27'32	18°11'34	
asc. node	-5188 Jun 27 j 03:40	7°♉03'29		
morning set	-5188 Jul 08 j 12:08	26°♉44'08		
	-5188 Jul 10 j 05:54	0°♊		
superior conj	-5188 Jul 18 j 07:55	14°♊54'38	1°47'05	
minimum elong	-5188 Jul 18 j 09:48	15°♊03'03	1°47'18	
max. Earth dist.	-5188 Jul 25 j 20:26	28°♊02'22	1.41129 AU	
	-5188 Jul 27 j 00:21	0°♋		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening rise	-5188 Jul 31 j 04:58	6°♋55'05	
desc. node	-5188 Aug 09 j 10:27	21°♋24'56	
	-5188 Aug 15 j 04:43	0°♌	
greatest brilliancy	-5188 Aug 29 j 00:53	18°♌47'12	-0.3m
evening max el	-5188 Sep 02 j 21:59	24°♌15'03	22°46'28
	-5188 Sep 11 j 15:03	0°♍	
retrograde	-5188 Sep 12 j 18:52	0°♍06'17	
	-5188 Sep 13 j 21:57	30°℞♌	
evening set	-5188 Sep 17 j 11:26	28°♌11'47	
inferior conj	-5188 Sep 22 j 19:27	21°♌52'54	0°-6'-13
minimum elong	-5188 Sep 22 j 19:35	21°♌52'25	0°06'00
transit middle	-5188 Sep 22 j 19:35	21°♌52'25	0°06'00
transit begin	-5188 Sep 22 j 17:05	22°♌01'05	
transit end	-5188 Sep 22 j 22:06	21°♌43'45	
min. Earth dist.	-5188 Sep 22 j 16:42	22°♌02'24	0.67377 AU
asc. node	-5188 Sep 23 j 02:48	21°♌27'34	
morning rise	-5188 Sep 28 j 03:40	15°♌36'52	
direct	-5188 Oct 02 j 12:26	13°♌53'09	
morning max el	-5188 Oct 11 j 17:24	19°♌22'00	22°00'06
greatest brilliancy	-5188 Oct 16 j 14:09	24°♌54'45	-0.4m
	-5188 Oct 20 j 12:31	0°♍	
desc. node	-5188 Nov 05 j 10:30	23°♍04'12	
	-5188 Nov 09 j 21:50	0°♎	
morning set	-5188 Nov 13 j 02:08	5°♎02'21	
max. Earth dist.	-5188 Nov 19 j 09:58	15°♎22'18	1.41389 AU
superior conj	-5188 Nov 27 j 01:51	28°♎30'25	-1°-47'-44
minimum elong	-5188 Nov 26 j 23:00	28°♎17'53	1°47'44
	-5188 Nov 27 j 22:08	0°♏	
evening rise	-5188 Dec 07 j 14:38	17°♏39'09	
	-5188 Dec 14 j 09:34	0°♐	
asc. node	-5188 Dec 20 j 01:24	9°♐01'38	
evening max el	-5188 Dec 23 j 22:04	13°♐39'55	18°12'54
retrograde	-5188 Dec 30 j 22:02	17°♐11'42	
evening set	-5187 Jan 02 j 11:33	16°♐44'06	
inferior conj	-5187 Jan 09 j 11:45	11°♐53'51	4°06'31
minimum elong	-5187 Jan 09 j 11:40	11°♐54'02	4°06'14
min. Earth dist.	-5187 Jan 12 j 17:25	9°♐01'30	0.60393 AU
morning rise	-5187 Jan 16 j 09:01	6°♐17'51	
direct	-5187 Jan 23 j 04:04	4°♐09'33	
desc. node	-5187 Feb 01 j 10:27	7°♐39'42	
morning max el	-5187 Feb 06 j 07:04	11°♐46'24	27°18'34
	-5187 Feb 20 j 15:38	0°♑	
	-5187 Mar 09 j 07:29	0°♒	
morning set	-5187 Mar 09 j 15:30	0°♒41'20	
max. Earth dist.	-5187 Mar 16 j 04:29	14°♒40'14	1.32636 AU
superior conj	-5187 Mar 16 j 19:42	16°♒03'20	0°-12'-30
minimum elong	-5187 Mar 16 j 20:16	16°♒06'25	0°12'36
behind sun begin	-5187 Mar 16 j 17:14	15°♒49'47	
behind sun end	-5187 Mar 16 j 23:19	16°♒23'03	
asc. node	-5187 Mar 18 j 00:43	18°♒41'55	
	-5187 Mar 23 j 06:21	0°♓	
evening rise	-5187 Mar 23 j 20:13	1°♓13'01	
	-5187 Apr 08 j 16:32	0°♈	
evening max el	-5187 Apr 20 j 08:42	14°♈27'45	25°38'43
desc. node	-5187 Apr 30 j 09:02	21°♈01'44	
retrograde	-5187 May 04 j 11:01	21°♈41'15	
evening set	-5187 May 10 j 01:38	20°♈26'19	
min. Earth dist.	-5187 May 14 j 21:20	17°♈39'03	0.58294 AU
inferior conj	-5187 May 18 j 03:30	15°♈18'51	-3°-51'-19
minimum elong	-5187 May 17 j 23:56	15°♈25'19	3°50'48
morning rise	-5187 May 26 j 02:16	10°♈57'08	
direct	-5187 May 28 j 13:00	10°♈37'57	
morning max el	-5187 Jun 05 j 18:56	14°♈31'26	18°45'19
asc. node	-5187 Jun 14 j 00:40	25°♈32'36	
	-5187 Jun 16 j 14:03	0°♉	
morning set	-5187 Jun 22 j 04:10	10°♉34'24	
superior conj	-5187 Jun 30 j 23:51	27°♉37'52	1°49'03
minimum elong	-5187 Jun 30 j 23:14	27°♉34'55	1°49'16
	-5187 Jul 02 j 06:05	0°♊	
max. Earth dist.	-5187 Jul 07 j 22:42	10°♊22'37	1.39207 AU
evening rise	-5187 Jul 12 j 01:43	17°♊33'17	
	-5187 Jul 19 j 15:16	0°♋	
desc. node	-5187 Jul 27 j 07:31	11°♋46'03	
	-5187 Aug 09 j 14:44	0°♌	
evening max el	-5187 Aug 16 j 10:03	7°♌41'31	24°07'28
retrograde	-5187 Aug 27 j 09:44	14°♌09'15	
evening set	-5187 Sep 01 j 17:14	11°♌54'41	
min. Earth dist.	-5187 Sep 06 j 12:26	6°♌19'29	0.67262 AU
inferior conj	-5187 Sep 07 j 01:35	5°♌34'54	0°-59'-4
minimum elong	-5187 Sep 07 j 02:57	5°♌30'20	0°58'17
asc. node	-5187 Sep 09 j 23:57	1°♌49'30	
	-5187 Sep 11 j 19:08	30°℞♋	
morning rise	-5187 Sep 12 j 12:50	29°♋24'30	
direct	-5187 Sep 16 j 08:53	28°♋00'38	
	-5187 Sep 21 j 09:02	0°♌	
morning max el	-5187 Sep 24 j 12:46	2°♌48'19	20°42'53
greatest brilliancy	-5187 Sep 30 j 15:17	10°♌05'26	-0.5m
	-5187 Oct 14 j 10:57	0°♍	
morning set	-5187 Oct 23 j 05:11	13°♍25'14	
desc. node	-5187 Oct 23 j 07:22	13°♍33'44	
max. Earth dist.	-5187 Nov 01 j 17:05	28°♍28'08	1.43101 AU
	-5187 Nov 02 j 15:45	0°♎	
superior conj	-5187 Nov 08 j 02:49	8°♎59'55	-1°-28'-47
minimum elong	-5187 Nov 07 j 20:51	8°♎35'00	1°28'18
evening rise	-5187 Nov 20 j 07:15	0°♏00'48	
	-5187 Nov 20 j 07:04	0°♏	
asc. node	-5187 Dec 06 j 22:33	26°♏21'09	
evening max el	-5187 Dec 07 j 09:50	26°♏50'18	18°08'35
	-5187 Dec 12 j 01:15	0°♐	
retrograde	-5187 Dec 14 j 00:35	0°♐19'21	
	-5187 Dec 16 j 00:14	30°℞♏	
evening set	-5187 Dec 16 j 16:44	29°♏44'34	
inferior conj	-5187 Dec 23 j 05:29	24°♏32'34	3°56'33
minimum elong	-5187 Dec 23 j 03:17	24°♏38'09	3°56'05
min. Earth dist.	-5187 Dec 25 j 23:51	21°♏44'27	0.62310 AU
morning rise	-5187 Dec 29 j 11:51	18°♏42'09	
direct	-5186 Jan 05 j 13:39	16°♏06'28	
desc. node	-5186 Jan 19 j 07:29	23°♏37'56	
morning max el	-5186 Jan 19 j 11:21	23°♏47'24	27°41'03
	-5186 Jan 25 j 02:49	0°♐	
	-5186 Feb 13 j 20:44	0°♑	
morning set	-5186 Feb 21 j 19:26	15°♑15'21	
max. Earth dist.	-5186 Feb 27 j 14:56	27°♑26'15	1.32936 AU
	-5186 Feb 28 j 19:27	0°♒	
superior conj	-5186 Mar 01 j 05:59	0°♒56'57	0°-37'00
minimum elong	-5186 Mar 01 j 07:36	1°♒05'41	0°36'57
asc. node	-5186 Mar 04 j 21:43	8°♒52'46	
evening rise	-5186 Mar 08 j 07:43	16°♒11'03	
	-5186 Mar 15 j 06:17	0°♓	
evening max el	-5186 Apr 02 j 01:25	25°♓20'46	24°11'59
	-5186 Apr 08 j 02:27	0°♈	
retrograde	-5186 Apr 15 j 21:15	2°♈16'35	
desc. node	-5186 Apr 17 j 06:14	2°♈12'17	
evening set	-5186 Apr 20 j 05:19	1°♈34'40	
	-5186 Apr 23 j 21:58	30°℞♓	
min. Earth dist.	-5186 Apr 26 j 13:20	28°♓29'08	0.56573 AU
inferior conj	-5186 Apr 29 j 01:46	26°♓54'34	-2°-55'-56
minimum elong	-5186 Apr 28 j 20:13	27°♓03'18	2°54'37
morning rise	-5186 May 07 j 15:04	22°♓50'19	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

direct	-5186 May 10 j 01:22	22°♓34'33	
morning max el	-5186 May 19 j 16:58	27°♓03'51	19°39'27
	-5186 May 22 j 11:26	0°♈	
asc. node	-5186 May 31 j 21:38	14°♈36'34	
morning set	-5186 Jun 06 j 04:47	24°♈53'11	
	-5186 Jun 08 j 17:43	0°♉	
superior conj	-5186 Jun 14 j 07:27	11°♉10'22	1°42'03
minimum elong	-5186 Jun 14 j 05:19	10°♉59'49	1°42'05
max. Earth dist.	-5186 Jun 20 j 01:12	22°♉13'26	1.37320 AU
evening rise	-5186 Jun 23 j 23:49	29°♉26'51	
	-5186 Jun 24 j 07:13	0°♊	
	-5186 Jul 12 j 21:59	0°♋	
desc. node	-5186 Jul 14 j 04:37	1°♋49'35	
evening max el	-5186 Jul 29 j 20:31	21°♋10'16	25°23'50
retrograde	-5186 Aug 10 j 20:24	28°♋07'28	
evening set	-5186 Aug 16 j 19:07	25°♋35'00	
min. Earth dist.	-5186 Aug 21 j 05:11	20°♋36'55	0.66826 AU
inferior conj	-5186 Aug 22 j 05:36	19°♋17'26	-1°-50'-6
minimum elong	-5186 Aug 22 j 08:03	19°♋09'29	1°48'54
morning rise	-5186 Aug 27 j 21:29	13°♋15'54	
asc. node	-5186 Aug 27 j 21:06	13°♋16'33	
direct	-5186 Aug 31 j 06:52	12°♋09'15	
morning max el	-5186 Sep 07 j 15:21	16°♋23'16	19°37'52
greatest brilliancy	-5186 Sep 16 j 06:33	27°♋26'43	-0.7m
	-5186 Sep 18 j 00:29	0°♌	
morning set	-5186 Oct 02 j 06:12	21°♌48'46	
	-5186 Oct 07 j 12:08	0°♍	
desc. node	-5186 Oct 10 j 04:15	4°♍11'14	
max. Earth dist.	-5186 Oct 15 j 06:43	12°♍14'37	1.44275 AU
superior conj	-5186 Oct 19 j 00:04	18°♍11'04	0°-53'-39
minimum elong	-5186 Oct 18 j 18:08	17°♍47'19	0°52'52
	-5186 Oct 26 j 06:42	0°♎	
evening rise	-5186 Nov 02 j 04:14	11°♎28'08	
	-5186 Nov 13 j 09:07	0°♏	
evening max el	-5186 Nov 20 j 22:36	10°♏10'07	18°23'06
asc. node	-5186 Nov 23 j 19:43	12°♏34'44	
retrograde	-5186 Nov 27 j 12:42	13°♏47'05	
evening set	-5186 Nov 30 j 08:42	13°♏03'42	
inferior conj	-5186 Dec 06 j 12:13	7°♏32'19	3°29'45
minimum elong	-5186 Dec 06 j 09:03	7°♏41'17	3°28'56
min. Earth dist.	-5186 Dec 08 j 16:19	5°♏04'59	0.63976 AU
morning rise	-5186 Dec 12 j 07:58	1°♏30'44	
	-5186 Dec 14 j 12:50	30°℞♎	
direct	-5186 Dec 19 j 06:36	28°♎42'13	
	-5186 Dec 24 j 09:32	0°♏	
morning max el	-5185 Jan 01 j 19:50	6°♏23'10	27°27'55
desc. node	-5185 Jan 06 j 04:27	11°♏04'57	
	-5185 Jan 19 j 23:58	0°♐	
morning set	-5185 Feb 05 j 15:55	29°♐22'43	
	-5185 Feb 05 j 23:28	0°♑	
max. Earth dist.	-5185 Feb 10 j 18:21	9°♑45'01	1.33616 AU
superior conj	-5185 Feb 13 j 13:01	15°♑36'32	-1°00'-24
minimum elong	-5185 Feb 13 j 15:30	15°♑49'41	1°00'16
asc. node	-5185 Feb 19 j 18:43	28°♑55'44	
	-5185 Feb 20 j 06:55	0°♒	
evening rise	-5185 Feb 20 j 18:59	1°♒03'25	
	-5185 Mar 09 j 08:51	0°♓	
evening max el	-5185 Mar 14 j 18:32	6°♓05'09	22°37'52
retrograde	-5185 Mar 27 j 19:24	12°♓27'04	
evening set	-5185 Mar 30 j 23:20	12°♓05'05	
desc. node	-5185 Apr 04 j 03:25	10°♓36'34	
min. Earth dist.	-5185 Apr 08 j 03:50	8°♓29'00	0.55470 AU
inferior conj	-5185 Apr 09 j 06:05	7°♓51'24	-1°-22'-40
minimum elong	-5185 Apr 09 j 02:28	7°♓56'35	1°21'38
morning rise	-5185 Apr 18 j 07:53	3°♓53'41	
direct	-5185 Apr 20 j 20:37	3°♓38'46	
morning max el	-5185 May 02 j 04:42	8°♓57'34	20°53'10
	-5185 May 16 j 15:41	0°♈	
asc. node	-5185 May 18 j 18:35	4°♈06'53	
morning set	-5185 May 21 j 11:17	9°♈33'09	
superior conj	-5185 May 29 j 02:13	25°♈19'08	1°28'35
minimum elong	-5185 May 28 j 23:29	25°♈05'11	1°28'23
	-5185 May 31 j 09:31	0°♉	
max. Earth dist.	-5185 Jun 02 j 09:44	4°♉00'11	1.35675 AU
evening rise	-5185 Jun 06 j 18:16	12°♉23'20	
	-5185 Jun 16 j 17:56	0°♊	
desc. node	-5185 Jul 01 j 01:45	21°♊27'44	
	-5185 Jul 07 j 22:18	0°♋	
evening max el	-5185 Jul 12 j 07:14	4°♋39'00	26°27'27
retrograde	-5185 Jul 25 j 02:27	11°♋55'16	
evening set	-5185 Jul 31 j 14:55	9°♋10'45	
min. Earth dist.	-5185 Aug 04 j 16:40	4°♋51'31	0.66037 AU
inferior conj	-5185 Aug 06 j 05:36	2°♋58'20	-2°-37'-27
minimum elong	-5185 Aug 06 j 08:51	2°♋48'23	2°36'08
	-5185 Aug 08 j 18:36	30°℞♊	
morning rise	-5185 Aug 12 j 03:41	27°♊08'48	
asc. node	-5185 Aug 14 j 18:10	26°♊17'17	
direct	-5185 Aug 15 j 04:39	26°♊16'12	
	-5185 Aug 21 j 22:06	0°♋	
morning max el	-5185 Aug 22 j 00:08	0°♋05'10	18°47'48
	-5185 Sep 11 j 08:31	0°♌	
morning set	-5185 Sep 12 j 02:03	1°♌10'05	
desc. node	-5185 Sep 27 j 01:09	24°♌53'43	
superior conj	-5185 Sep 28 j 01:51	26°♌31'03	0°-6'-28
minimum elong	-5185 Sep 28 j 01:01	26°♌27'46	0°06'11
behind sun begin	-5185 Sep 27 j 14:20	25°♌45'40	
behind sun end	-5185 Sep 28 j 11:42	27°♌09'53	
max. Earth dist.	-5185 Sep 27 j 23:46	26°♌22'49	1.44771 AU
	-5185 Sep 30 j 06:51	0°♍	
evening rise	-5185 Oct 14 j 01:09	21°♍52'12	
	-5185 Oct 19 j 02:44	0°♎	
evening max el	-5185 Nov 04 j 09:51	23°♎35'17	18°55'23
asc. node	-5185 Nov 10 j 16:52	27°♎27'11	
retrograde	-5185 Nov 11 j 06:31	27°♎29'01	
evening set	-5185 Nov 14 j 08:19	26°♎34'48	
inferior conj	-5185 Nov 20 j 04:34	20°♎47'11	2°51'49
minimum elong	-5185 Nov 20 j 01:21	20°♎57'06	2°50'48
min. Earth dist.	-5185 Nov 21 j 18:33	18°♎50'15	0.65314 AU
morning rise	-5185 Nov 25 j 17:20	14°♎37'17	
direct	-5185 Dec 02 j 06:12	11°♎49'54	
morning max el	-5185 Dec 15 j 05:38	19°♎22'00	26°43'35
desc. node	-5185 Dec 24 j 01:24	29°♎34'57	
	-5185 Dec 24 j 09:07	0°♏	
	-5184 Jan 12 j 23:56	0°♐	
morning set	-5184 Jan 20 j 01:28	12°♐52'25	
max. Earth dist.	-5184 Jan 24 j 11:11	21°♐28'16	1.34725 AU
superior conj	-5184 Jan 28 j 14:43	29°♐55'25	-1°-21'-28
minimum elong	-5184 Jan 28 j 17:40	0°♑10'38	1°21'23
	-5184 Jan 28 j 15:36	0°♑	
evening rise	-5184 Feb 05 j 04:16	15°♑44'04	
asc. node	-5184 Feb 06 j 15:44	18°♑46'10	
	-5184 Feb 12 j 11:25	0°♒	
evening max el	-5184 Feb 24 j 18:16	17°♒07'43	21°09'24
retrograde	-5184 Mar 07 j 09:35	22°♒40'28	
evening set	-5184 Mar 09 j 21:46	22°♒25'56	
inferior conj	-5184 Mar 19 j 01:48	18°♒27'15	0°32'01
minimum elong	-5184 Mar 19 j 03:15	18°♒25'11	0°31'19
min. Earth dist.	-5184 Mar 19 j 18:13	18°♒03'54	0.55240 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-5184 Mar 21 j 00:34	17°♒21'15	
morning rise	-5184 Mar 28 j 07:58	14°♒18'32	
direct	-5184 Mar 31 j 08:57	13°♒58'17	
morning max el	-5184 Apr 13 j 05:44	20°♒10'33	22°23'04
	-5184 Apr 21 j 09:20	0°♓	
morning set	-5184 May 04 j 21:29	24°♓27'11	
asc. node	-5184 May 04 j 15:30	23°♓56'10	
	-5184 May 07 j 12:49	0°♈	
superior conj	-5184 May 12 j 04:38	9°♈53'00	1°10'33
minimum elong	-5184 May 12 j 02:01	9°♈39'13	1°10'10
max. Earth dist.	-5184 May 15 j 04:08	16°♈06'10	1.34383 AU
evening rise	-5184 May 20 j 03:45	26°♈07'00	
	-5184 May 22 j 04:10	0°♉	
	-5184 Jun 09 j 02:54	0°♊	
desc. node	-5184 Jun 16 j 22:54	10°♊29'00	
evening max el	-5184 Jun 23 j 18:27	17°♊59'48	27°10'20
retrograde	-5184 Jul 07 j 03:16	25°♊24'24	
evening set	-5184 Jul 14 j 01:58	22°♊37'28	
min. Earth dist.	-5184 Jul 17 j 20:43	18°♊56'08	0.64872 AU
inferior conj	-5184 Jul 19 j 23:21	16°♊33'13	-3°-18'-53
minimum elong	-5184 Jul 20 j 02:53	16°♊23'15	3°17'46
morning rise	-5184 Jul 26 j 05:10	10°♊58'44	
direct	-5184 Jul 29 j 00:04	10°♊17'01	
asc. node	-5184 Jul 31 j 15:13	10°♊53'42	
morning max el	-5184 Aug 04 j 13:02	13°♊49'23	18°14'17
	-5184 Aug 15 j 22:18	0°♋	
morning set	-5184 Aug 23 j 00:46	11°♋48'22	
	-5184 Sep 03 j 02:30	0°♌	
superior conj	-5184 Sep 06 j 04:52	4°♌58'38	0°41'25
minimum elong	-5184 Sep 06 j 09:37	5°♌17'38	0°41'04
max. Earth dist.	-5184 Sep 09 j 17:11	10°♌34'02	1.44541 AU
desc. node	-5184 Sep 12 j 22:05	15°♌37'31	
	-5184 Sep 22 j 02:44	0°♍	
evening rise	-5184 Sep 22 j 21:07	1°♍11'31	
greatest brilliancy	-5184 Oct 09 j 14:33	26°♍40'39	-0.7m
	-5184 Oct 11 j 23:20	0°♎	
evening max el	-5184 Oct 17 j 17:16	7°♎02'15	19°44'04
retrograde	-5184 Oct 25 j 03:06	11°♎20'46	
asc. node	-5184 Oct 27 j 14:01	10°♎45'42	
evening set	-5184 Oct 28 j 12:56	10°♎12'57	
inferior conj	-5184 Nov 03 j 03:39	4°♎12'18	2°06'36
minimum elong	-5184 Nov 03 j 01:00	4°♎20'59	2°05'39
min. Earth dist.	-5184 Nov 04 j 04:45	2°♎50'13	0.66300 AU
	-5184 Nov 06 j 11:57	30°℞♍	
morning rise	-5184 Nov 08 j 12:21	27°♍57'01	
direct	-5184 Nov 14 j 11:38	25°♍21'32	
	-5184 Nov 23 j 21:56	0°♎	
morning max el	-5184 Nov 26 j 14:48	2°♎31'52	25°36'00
desc. node	-5184 Dec 09 j 22:20	18°♎49'30	
	-5184 Dec 17 j 13:33	0°♏	
morning set	-5183 Jan 01 j 19:29	25°♏30'46	
	-5183 Jan 04 j 05:53	0°♐	
max. Earth dist.	-5183 Jan 05 j 16:18	2°♐42'00	1.36279 AU
superior conj	-5183 Jan 11 j 08:26	13°♐45'47	-1°-38'-37
minimum elong	-5183 Jan 11 j 11:11	13°♐59'28	1°38'40
evening rise	-5183 Jan 19 j 09:39	0°♑07'18	
	-5183 Jan 19 j 08:13	0°♑	
asc. node	-5183 Jan 23 j 12:47	8°♑18'45	
evening max el	-5183 Feb 06 j 04:06	28°♑43'49	19°55'17
	-5183 Feb 07 j 14:43	0°♒	
retrograde	-5183 Feb 16 j 02:56	3°♒26'04	
evening set	-5183 Feb 18 j 11:41	3°♒11'20	
	-5183 Feb 25 j 18:14	30°℞♑	
inferior conj	-5183 Feb 27 j 02:53	29°♑10'14	2°16'46
minimum elong	-5183 Feb 27 j 07:51	29°♑02'35	2°15'05
min. Earth dist.	-5183 Mar 01 j 08:36	27°♑47'45	0.55934 AU
desc. node	-5183 Mar 07 j 21:42	24°♑38'57	
morning rise	-5183 Mar 08 j 00:57	24°♑36'30	
direct	-5183 Mar 12 j 03:07	23°♑59'23	
	-5183 Mar 24 j 23:32	0°♒	
morning max el	-5183 Mar 25 j 22:45	0°♒53'46	24°01'22
	-5183 Apr 14 j 17:02	0°♓	
morning set	-5183 Apr 19 j 09:33	9°♓29'28	
asc. node	-5183 Apr 21 j 12:27	13°♓59'00	
superior conj	-5183 Apr 26 j 12:10	24°♓43'49	0°49'23
minimum elong	-5183 Apr 26 j 10:09	24°♓32'56	0°48'58
max. Earth dist.	-5183 Apr 28 j 08:09	28°♓39'29	1.33463 AU
	-5183 Apr 28 j 23:17	0°♈	
evening rise	-5183 May 03 j 23:56	10°♈24'44	
	-5183 May 14 j 12:13	0°♉	
desc. node	-5183 Jun 03 j 20:02	28°♉37'51	
	-5183 Jun 05 j 03:44	0°♊	
evening max el	-5183 Jun 06 j 04:39	1°♊01'19	27°25'30
retrograde	-5183 Jun 19 j 22:04	8°♊26'42	
evening set	-5183 Jun 27 j 01:00	5°♊50'07	
min. Earth dist.	-5183 Jun 30 j 15:36	2°♊41'17	0.63336 AU
inferior conj	-5183 Jul 03 j 08:14	29°♉56'59	-3°-51'-9
minimum elong	-5183 Jul 03 j 11:11	29°♉49'25	3°50'29
	-5183 Jul 03 j 07:03	30°℞♉	
morning rise	-5183 Jul 09 j 23:22	24°♉40'37	
direct	-5183 Jul 12 j 14:20	24°♉07'11	
asc. node	-5183 Jul 18 j 12:16	26°♉54'53	
morning max el	-5183 Jul 19 j 03:37	27°♉31'22	17°58'26
	-5183 Jul 21 j 08:46	0°♊	
morning set	-5183 Aug 05 j 00:14	23°♊37'16	
	-5183 Aug 08 j 16:08	0°♋	
superior conj	-5183 Aug 17 j 04:57	14°♋29'26	1°18'34
minimum elong	-5183 Aug 17 j 10:49	14°♋53'47	1°18'17
max. Earth dist.	-5183 Aug 23 j 08:17	24°♋31'39	1.43627 AU
	-5183 Aug 26 j 18:30	0°♌	
desc. node	-5183 Aug 30 j 19:01	6°♌19'38	
evening rise	-5183 Sep 02 j 01:23	9°♌50'59	
	-5183 Sep 15 j 08:45	0°♍	
greatest brilliancy	-5183 Sep 24 j 22:10	13°♍29'21	-0.5m
evening max el	-5183 Sep 30 j 19:02	20°♍28'22	20°46'57
retrograde	-5183 Oct 09 j 00:04	25°♍19'02	
evening set	-5183 Oct 12 j 20:17	23°♍54'40	
asc. node	-5183 Oct 14 j 11:11	22°♍28'52	
inferior conj	-5183 Oct 18 j 07:07	17°♍44'15	1°16'45
minimum elong	-5183 Oct 18 j 05:25	17°♍50'05	1°16'08
min. Earth dist.	-5183 Oct 18 j 20:41	16°♍58'10	0.66956 AU
morning rise	-5183 Oct 23 j 14:06	11°♍26'25	
direct	-5183 Oct 28 j 22:07	9°♍09'33	
morning max el	-5183 Nov 08 j 23:31	15°♍45'21	24°14'28
	-5183 Nov 20 j 17:18	0°♎	
desc. node	-5183 Nov 26 j 19:13	8°♎35'03	
	-5183 Dec 10 j 12:44	0°♏	
morning set	-5183 Dec 14 j 16:01	7°♏00'43	
max. Earth dist.	-5183 Dec 18 j 13:45	13°♏53'30	1.38194 AU
superior conj	-5183 Dec 25 j 14:34	26°♏56'32	-1°-49'-44
minimum elong	-5183 Dec 25 j 16:06	27°♏03'53	1°49'55
	-5183 Dec 27 j 04:41	0°♐	
evening rise	-5182 Jan 03 j 08:51	14°♐05'53	
asc. node	-5182 Jan 10 j 09:52	27°♐26'12	
	-5182 Jan 11 j 21:35	0°♑	
evening max el	-5182 Jan 19 j 23:58	10°♑53'56	18°59'40
retrograde	-5182 Jan 28 j 11:07	14°♑57'15	
evening set	-5182 Jan 30 j 21:18	14°♑38'42	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

inferior conj	-5182 Feb 07 j 20:16	10°♉21'58	3°27'59
minimum elong	-5182 Feb 08 j 00:40	10°♉14'09	3°26'53
min. Earth dist.	-5182 Feb 10 j 23:43	8°♉09'24	0.57374 AU
morning rise	-5182 Feb 16 j 00:25	5°♉19'43	
direct	-5182 Feb 21 j 08:58	4°♉11'45	
desc. node	-5182 Feb 22 j 18:49	4°♉16'31	
morning max el	-5182 Mar 07 j 13:38	11°♉31'04	25°35'18
	-5182 Mar 21 j 18:38	0°♒	
morning set	-5182 Apr 03 j 21:44	24°♒32'46	
	-5182 Apr 06 j 11:17	0°♓	
asc. node	-5182 Apr 08 j 09:25	4°♓09'35	
superior conj	-5182 Apr 10 j 22:41	9°♓43'30	0°26'09
minimum elong	-5182 Apr 10 j 21:34	9°♓37'22	0°25'48
max. Earth dist.	-5182 Apr 11 j 18:46	11°♓32'48	1.32883 AU
evening rise	-5182 Apr 18 j 03:25	25°♓04'21	
	-5182 Apr 20 j 13:51	0°♈	
	-5182 May 08 j 04:34	0°♉	
evening max el	-5182 May 19 j 11:11	13°♉30'16	27°08'38
desc. node	-5182 May 21 j 17:12	15°♉31'57	
retrograde	-5182 Jun 02 j 10:02	20°♉53'27	
evening set	-5182 Jun 09 j 08:06	18°♉40'53	
min. Earth dist.	-5182 Jun 13 j 00:32	15°♉53'27	0.61475 AU
inferior conj	-5182 Jun 16 j 04:59	13°♉02'03	-4°-9'-25
minimum elong	-5182 Jun 16 j 06:12	12°♉59'18	4°09'11
morning rise	-5182 Jun 23 j 07:07	8°♉06'33	
direct	-5182 Jun 25 j 19:49	7°♉39'33	
morning max el	-5182 Jul 02 j 17:17	11°♉05'19	18°01'16
asc. node	-5182 Jul 05 j 09:18	14°♉05'11	
	-5182 Jul 15 j 07:08	0°♊	
morning set	-5182 Jul 18 j 19:16	6°♊23'02	
superior conj	-5182 Jul 29 j 08:51	25°♊23'24	1°40'44
minimum elong	-5182 Jul 29 j 12:26	25°♊38'59	1°40'48
	-5182 Aug 01 j 00:51	0°♋	
max. Earth dist.	-5182 Aug 05 j 18:39	7°♋59'07	1.42149 AU
evening rise	-5182 Aug 12 j 09:32	18°♋42'56	
desc. node	-5182 Aug 17 j 16:00	26°♋56'57	
	-5182 Aug 19 j 15:51	0°♌	
greatest brilliancy	-5182 Sep 08 j 19:30	28°♌26'59	-0.4m
	-5182 Sep 10 j 02:15	0°♍	
evening max el	-5182 Sep 13 j 14:26	3°♍53'02	22°00'49
retrograde	-5182 Sep 22 j 19:46	9°♍21'36	
evening set	-5182 Sep 27 j 04:27	7°♍38'18	
asc. node	-5182 Oct 01 j 08:21	2°♍59'32	
inferior conj	-5182 Oct 02 j 13:01	1°♍21'25	0°24'21
minimum elong	-5182 Oct 02 j 12:27	1°♍23'22	0°24'16
min. Earth dist.	-5182 Oct 02 j 16:01	1°♍11'02	0.67303 AU
	-5182 Oct 03 j 12:42	30°℞♌	
morning rise	-5182 Oct 07 j 20:16	25°♌03'59	
direct	-5182 Oct 12 j 13:08	23°♌08'21	
morning max el	-5182 Oct 22 j 10:13	29°♌02'11	22°48'28
	-5182 Oct 23 j 08:27	0°♍	
greatest brilliancy	-5182 Oct 27 j 05:19	4°♍26'12	-0.3m
desc. node	-5182 Nov 13 j 16:07	28°♍42'45	
	-5182 Nov 14 j 12:32	0°♎	
morning set	-5182 Nov 25 j 09:34	17°♎09'46	
max. Earth dist.	-5182 Nov 30 j 10:59	25°♎37'59	1.40250 AU
	-5182 Dec 02 j 23:42	0°♏	
superior conj	-5182 Dec 08 j 04:27	9°♏15'29	-1°-51'-53
minimum elong	-5182 Dec 08 j 03:31	9°♏11'15	1°52'04
evening rise	-5182 Dec 17 j 23:06	27°♏33'20	
	-5182 Dec 19 j 06:03	0°♐	
asc. node	-5182 Dec 28 j 06:58	16°♐00'24	
evening max el	-5181 Jan 03 j 04:08	23°♐33'26	18°24'08
retrograde	-5181 Jan 10 j 13:59	27°♐12'57	
evening set	-5181 Jan 13 j 02:09	26°♐49'02	
inferior conj	-5181 Jan 20 j 09:59	22°♐11'18	4°01'31
minimum elong	-5181 Jan 20 j 11:34	22°♐08'02	4°01'07
min. Earth dist.	-5181 Jan 23 j 18:26	19°♐26'47	0.59248 AU
morning rise	-5181 Jan 27 j 17:46	16°♐45'21	
direct	-5181 Feb 03 j 03:10	14°♐58'31	
desc. node	-5181 Feb 09 j 15:55	16°♐43'07	
morning max el	-5181 Feb 17 j 08:26	22°♐31'11	26°49'33
	-5181 Feb 24 j 00:11	0°♑	
	-5181 Mar 14 j 14:58	0°♒	
morning set	-5181 Mar 19 j 08:18	9°♒30'44	
superior conj	-5181 Mar 26 j 10:26	24°♒45'48	0°01'46
minimum elong	-5181 Mar 26 j 10:22	24°♒45'26	0°01'34
behind sun begin	-5181 Mar 26 j 05:23	24°♒18'13	
behind sun end	-5181 Mar 26 j 15:20	25°♒12'40	
asc. node	-5181 Mar 26 j 06:22	24°♒23'35	
max. Earth dist.	-5181 Mar 26 j 08:16	24°♒33'55	1.32632 AU
	-5181 Mar 28 j 19:57	0°♓	
evening rise	-5181 Apr 02 j 11:36	9°♓57'02	
	-5181 Apr 12 j 22:29	0°♈	
evening max el	-5181 May 01 j 11:50	25°♈18'03	26°19'29
	-5181 May 07 j 10:04	0°♉	
desc. node	-5181 May 08 j 14:25	0°♉40'49	
retrograde	-5181 May 15 j 13:58	2°♉37'14	
evening set	-5181 May 21 j 19:27	0°♉59'50	
	-5181 May 23 j 13:25	30°℞♈	
min. Earth dist.	-5181 May 26 j 00:43	28°♈17'25	0.59440 AU
inferior conj	-5181 May 29 j 09:57	25°♈39'09	-4°-6'-23
minimum elong	-5181 May 29 j 08:15	25°♈42'30	4°06'11
morning rise	-5181 Jun 06 j 00:47	21°♈05'47	
direct	-5181 Jun 08 j 12:05	20°♈44'06	
morning max el	-5181 Jun 16 j 03:12	24°♈23'19	18°23'32
	-5181 Jun 20 j 19:30	0°♉	
asc. node	-5181 Jun 22 j 06:19	2°♉09'24	
morning set	-5181 Jul 02 j 04:48	19°♉52'38	
	-5181 Jul 07 j 12:24	0°♊	
superior conj	-5181 Jul 11 j 13:20	7°♊31'42	1°49'12
minimum elong	-5181 Jul 11 j 14:02	7°♊34'56	1°49'27
max. Earth dist.	-5181 Jul 18 j 22:54	20°♊42'35	1.40315 AU
evening rise	-5181 Jul 23 j 14:52	28°♊35'47	
	-5181 Jul 24 j 11:17	0°♋	
desc. node	-5181 Aug 04 j 13:01	17°♋25'17	
	-5181 Aug 13 j 05:12	0°♌	
evening max el	-5181 Aug 27 j 04:18	17°♌17'08	23°21'02
retrograde	-5181 Sep 06 j 12:48	23°♌25'06	
evening set	-5181 Sep 11 j 11:37	21°♌21'45	
inferior conj	-5181 Sep 16 j 19:33	15°♌01'51	0°-28'-49
minimum elong	-5181 Sep 16 j 20:12	14°♌59'35	0°28'19
min. Earth dist.	-5181 Sep 16 j 12:20	15°♌26'35	0.67357 AU
asc. node	-5181 Sep 18 j 05:32	13°♌06'39	
morning rise	-5181 Sep 22 j 04:51	8°♌47'51	
direct	-5181 Sep 26 j 07:51	7°♌13'05	
morning max el	-5181 Oct 05 j 01:47	12°♌24'07	21°26'05
greatest brilliancy	-5181 Oct 10 j 07:56	18°♌29'29	-0.4m
	-5181 Oct 18 j 18:13	0°♍	
desc. node	-5181 Oct 31 j 12:59	19°♍05'28	
morning set	-5181 Nov 04 j 23:35	26°♍00'55	
	-5181 Nov 07 j 11:53	0°♎	
max. Earth dist.	-5181 Nov 12 j 13:18	8°♎11'38	1.42162 AU
superior conj	-5181 Nov 19 j 20:19	20°♎27'41	-1°-41'-38
minimum elong	-5181 Nov 19 j 16:00	20°♎09'07	1°41'27
	-5181 Nov 25 j 06:58	0°♏	
evening rise	-5181 Dec 01 j 00:46	10°♏20'58	
	-5181 Dec 12 j 09:45	0°♐	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5181 Dec 15 j 04:06	3°♐50'38	
evening max el	-5181 Dec 17 j 13:53	6°♐34'24	18°08'43
retrograde	-5181 Dec 24 j 09:01	10°♐03'53	
evening set	-5181 Dec 26 j 23:24	9°♐33'33	
inferior conj	-5180 Jan 02 j 18:27	4°♐34'00	4°04'47
minimum elong	-5180 Jan 02 j 17:20	4°♐36'39	4°04'29
min. Earth dist.	-5180 Jan 05 j 20:02	1°♐40'41	0.61223 AU
	-5180 Jan 07 j 19:12	30°℞♏	
morning rise	-5180 Jan 09 j 08:48	28°♏51'03	
direct	-5180 Jan 16 j 07:59	26°♏29'18	
	-5180 Jan 25 j 12:06	0°♐	
desc. node	-5180 Jan 27 j 12:59	1°♐34'28	
morning max el	-5180 Jan 30 j 09:24	4°♐09'16	27°32'35
	-5180 Feb 18 j 14:34	0°♑	
morning set	-5180 Mar 02 j 15:20	24°♑16'16	
	-5180 Mar 05 j 09:11	0°♒	
max. Earth dist.	-5180 Mar 08 j 20:48	7°♒29'13	1.32715 AU
superior conj	-5180 Mar 09 j 21:45	9°♒44'56	0°-22'-57
minimum elong	-5180 Mar 09 j 22:46	9°♒50'30	0°23'00
asc. node	-5180 Mar 12 j 03:21	14°♒37'10	
evening rise	-5180 Mar 16 j 22:26	24°♒55'25	
	-5180 Mar 19 j 09:20	0°♓	
	-5180 Apr 06 j 10:53	0°♈	
evening max el	-5180 Apr 12 j 06:43	6°♈27'50	25°03'36
desc. node	-5180 Apr 24 j 11:37	13°♈28'21	
retrograde	-5180 Apr 26 j 07:52	13°♈36'20	
evening set	-5180 May 01 j 09:46	12°♈36'42	
min. Earth dist.	-5180 May 06 j 19:10	9°♈42'56	0.57503 AU
inferior conj	-5180 May 09 j 19:57	7°♈39'56	-3°-32'-39
minimum elong	-5180 May 09 j 15:13	7°♈48'00	3°31'47
morning rise	-5180 May 18 j 00:55	3°♈26'41	
direct	-5180 May 20 j 11:09	3°♈09'17	
morning max el	-5180 May 29 j 06:30	7°♈16'22	19°05'51
asc. node	-5180 Jun 08 j 03:18	20°♈55'09	
	-5180 Jun 13 j 00:32	0°♉	
morning set	-5180 Jun 15 j 00:54	3°♉56'36	
superior conj	-5180 Jun 23 j 12:38	20°♉38'35	1°47'01
minimum elong	-5180 Jun 23 j 11:14	20°♉31'53	1°47'10
	-5180 Jun 28 j 11:42	0°♊	
max. Earth dist.	-5180 Jun 30 j 00:03	2°♊46'11	1.38384 AU
evening rise	-5180 Jul 03 j 22:58	9°♊48'06	
	-5180 Jul 16 j 07:09	0°♋	
desc. node	-5180 Jul 21 j 10:05	7°♋39'58	
	-5180 Aug 07 j 21:38	0°♌	
evening max el	-5180 Aug 08 j 15:17	0°♌44'29	24°41'00
retrograde	-5180 Aug 20 j 02:05	7°♌26'36	
evening set	-5180 Aug 25 j 15:58	5°♌04'04	
	-5180 Aug 30 j 02:25	30°℞♋	
min. Earth dist.	-5180 Aug 30 j 07:12	29°♋44'05	0.67114 AU
inferior conj	-5180 Aug 31 j 01:00	28°♋44'37	-1°-21'-5
minimum elong	-5180 Aug 31 j 02:50	28°♋38'28	1°20'05
asc. node	-5180 Sep 04 j 02:41	23°♋51'03	
morning rise	-5180 Sep 05 j 14:00	22°♋37'20	
direct	-5180 Sep 09 j 05:10	21°♋21'13	
morning max el	-5180 Sep 17 j 00:11	25°♋54'01	20°13'26
	-5180 Sep 20 j 14:10	0°♌	
greatest brilliancy	-5180 Sep 23 j 23:52	4°♌27'58	-0.6m
	-5180 Oct 11 j 04:41	0°♍	
morning set	-5180 Oct 13 j 22:37	4°♍14'43	
desc. node	-5180 Oct 17 j 09:51	9°♍38'42	
max. Earth dist.	-5180 Oct 24 j 22:43	21°♍33'53	1.43672 AU
superior conj	-5180 Oct 30 j 09:18	0°♎22'43	-1°-15'-47
minimum elong	-5180 Oct 30 j 02:45	29°♍55'53	1°15'06
	-5180 Oct 30 j 03:45	0°♎	

evening rise	-5180 Nov 12 j 09:32	22°♎19'58	
	-5180 Nov 16 j 20:01	0°♏	
evening max el	-5180 Nov 30 j 02:24	19°♏49'24	18°12'38
asc. node	-5180 Dec 01 j 01:16	20°♏43'54	
retrograde	-5180 Dec 06 j 15:56	23°♏20'31	
evening set	-5180 Dec 09 j 09:31	22°♏42'20	
inferior conj	-5180 Dec 15 j 18:06	17°♏22'07	3°46'51
minimum elong	-5180 Dec 15 j 15:22	17°♏29'26	3°46'14
min. Earth dist.	-5180 Dec 18 j 06:42	14°♏40'55	0.63052 AU
morning rise	-5180 Dec 21 j 19:27	11°♏26'41	
direct	-5180 Dec 28 j 21:05	8°♏43'17	
morning max el	-5179 Jan 11 j 15:35	16°♏25'27	27°39'40
desc. node	-5179 Jan 13 j 10:00	18°♏13'54	
	-5179 Jan 22 j 22:52	0°♐	
	-5179 Feb 10 j 05:41	0°♑	
morning set	-5179 Feb 14 j 16:26	8°♑40'21	
max. Earth dist.	-5179 Feb 20 j 04:31	20°♑04'22	1.33167 AU
superior conj	-5179 Feb 22 j 06:53	24°♑33'49	0°-47'-7
minimum elong	-5179 Feb 22 j 08:53	24°♑44'38	0°47'02
	-5179 Feb 24 j 19:20	0°♒	
asc. node	-5179 Feb 27 j 00:20	4°♒45'30	
evening rise	-5179 Mar 01 j 10:01	9°♒52'02	
	-5179 Mar 11 j 22:44	0°♓	
evening max el	-5179 Mar 24 j 23:04	17°♓15'12	23°32'11
retrograde	-5179 Apr 07 j 12:57	23°♓58'30	
evening set	-5179 Apr 11 j 07:45	23°♓27'05	
desc. node	-5179 Apr 11 j 08:50	23°♓26'21	
min. Earth dist.	-5179 Apr 18 j 10:37	20°♓10'06	0.56010 AU
inferior conj	-5179 Apr 20 j 10:03	18°♓59'05	-2°-20'-36
minimum elong	-5179 Apr 20 j 04:46	19°♓07'01	2°19'12
morning rise	-5179 Apr 29 j 05:09	14°♓58'57	
direct	-5179 May 01 j 15:44	14°♓43'59	
morning max el	-5179 May 12 j 00:21	19°♓33'35	20°08'22
	-5179 May 20 j 05:20	0°♈	
asc. node	-5179 May 26 j 00:14	10°♈11'33	
morning set	-5179 May 30 j 04:20	18°♈25'36	
	-5179 Jun 04 j 20:26	0°♉	
superior conj	-5179 Jun 07 j 01:28	4°♉28'08	1°37'00
minimum elong	-5179 Jun 06 j 22:58	4°♉15'39	1°36'55
max. Earth dist.	-5179 Jun 12 j 04:29	14°♉32'15	1.36591 AU
evening rise	-5179 Jun 16 j 06:29	22°♉11'04	
	-5179 Jun 20 j 15:42	0°♊	
desc. node	-5179 Jul 08 j 07:12	27°♊33'58	
	-5179 Jul 10 j 01:52	0°♋	
evening max el	-5179 Jul 22 j 01:57	14°♋14'51	25°52'58
retrograde	-5179 Aug 03 j 10:49	21°♋21'05	
evening set	-5179 Aug 09 j 15:32	18°♋42'57	
min. Earth dist.	-5179 Aug 13 j 22:06	14°♋01'00	0.66538 AU
inferior conj	-5179 Aug 15 j 03:34	12°♋27'15	-2°-10'-45
minimum elong	-5179 Aug 15 j 06:23	12°♋18'15	2°09'28
morning rise	-5179 Aug 20 j 21:52	6°♋30'10	
asc. node	-5179 Aug 21 j 23:46	5°♋56'31	
direct	-5179 Aug 24 j 03:26	5°♋29'44	
morning max el	-5179 Aug 31 j 05:30	9°♋32'02	19°14'31
	-5179 Sep 14 j 22:45	0°♌	
morning set	-5179 Sep 23 j 05:44	12°♌58'01	
desc. node	-5179 Oct 04 j 06:45	0°♍18'55	
	-5179 Oct 04 j 01:57	0°♍	
max. Earth dist.	-5179 Oct 07 j 14:12	5°♍32'19	1.44576 AU
superior conj	-5179 Oct 09 j 20:28	9°♍07'09	0°-34'-33
minimum elong	-5179 Oct 09 j 16:12	8°♍50'15	0°33'53
	-5179 Oct 22 j 19:35	0°♎	
evening rise	-5179 Oct 24 j 20:40	3°♎21'20	
	-5179 Nov 10 j 20:41	0°♏	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening max el	-5179 Nov 13 j 14:54	3°♏12'43	18°34'50
asc. node	-5179 Nov 17 j 22:25	6°♏25'20	
retrograde	-5179 Nov 20 j 06:47	6°♏55'23	
evening set	-5179 Nov 23 j 05:06	6°♏07'33	
inferior conj	-5179 Nov 29 j 05:17	0°♏28'59	3°14'46
minimum elong	-5179 Nov 29 j 02:01	0°♏38'38	3°13'50
	-5179 Nov 29 j 15:07	30°℞♎	
min. Earth dist.	-5179 Dec 01 j 03:17	28°♎13'54	0.64588 AU
morning rise	-5179 Dec 04 j 21:42	24°♎23'51	
direct	-5179 Dec 11 j 16:58	21°♎34'15	
morning max el	-5179 Dec 25 j 00:43	29°♎12'05	27°12'33
	-5179 Dec 25 j 19:44	0°♏	
desc. node	-5179 Dec 31 j 06:57	6°♏10'34	
	-5178 Jan 16 j 18:55	0°♐	
morning set	-5178 Jan 29 j 08:44	22°♐33'14	
	-5178 Feb 02 j 02:33	0°♑	
max. Earth dist.	-5178 Feb 03 j 03:44	2°♑08'36	1.34031 AU
superior conj	-5178 Feb 06 j 11:56	9°♑05'57	-1°-9'-42
minimum elong	-5178 Feb 06 j 14:40	9°♑20'20	1°09'34
evening rise	-5178 Feb 13 j 20:39	24°♑40'38	
asc. node	-5178 Feb 13 j 21:20	24°♑44'13	
	-5178 Feb 16 j 10:53	0°♒	
evening max el	-5178 Mar 06 j 18:28	28°♒05'14	21°59'01
	-5178 Mar 08 j 23:08	0°♓	
retrograde	-5178 Mar 19 j 06:10	4°♓06'47	
evening set	-5178 Mar 22 j 01:56	3°♓49'06	
desc. node	-5178 Mar 29 j 05:59	0°♓55'26	
	-5178 Mar 30 j 21:54	30°℞♒	
inferior conj	-5178 Mar 31 j 09:10	29°♒44'07	0°-35'-1
minimum elong	-5178 Mar 31 j 07:33	29°♒46'24	0°34'39
min. Earth dist.	-5178 Mar 31 j 00:47	29°♒55'56	0.55265 AU
morning rise	-5178 Apr 09 j 14:11	25°♒44'02	
direct	-5178 Apr 12 j 06:53	25°♒27'44	
	-5178 Apr 23 j 00:09	0°♓	
morning max el	-5178 Apr 24 j 07:16	1°♓09'11	21°29'38
asc. node	-5178 May 12 j 21:09	29°♓50'54	
	-5178 May 12 j 22:57	0°♈	
morning set	-5178 May 14 j 12:39	3°♈12'42	
superior conj	-5178 May 21 j 23:50	18°♈48'42	1°21'24
minimum elong	-5178 May 21 j 21:05	18°♈34'26	1°21'06
max. Earth dist.	-5178 May 25 j 17:23	26°♈27'02	1.35092 AU
	-5178 May 27 j 12:06	0°♉	
evening rise	-5178 May 30 j 07:57	5°♉29'32	
	-5178 Jun 13 j 09:36	0°♊	
desc. node	-5178 Jun 25 j 04:19	16°♊58'00	
evening max el	-5178 Jul 04 j 13:08	27°♊42'01	26°48'35
	-5178 Jul 07 j 01:41	0°♋	
retrograde	-5178 Jul 17 j 14:27	5°♋01'58	
evening set	-5178 Jul 24 j 07:57	2°♋15'11	
	-5178 Jul 26 j 16:20	30°℞♊	
min. Earth dist.	-5178 Jul 28 j 06:36	28°♊12'26	0.65598 AU
inferior conj	-5178 Jul 30 j 01:11	26°♊06'11	-2°-55'-54
minimum elong	-5178 Jul 30 j 04:38	25°♊55'58	2°54'38
morning rise	-5178 Aug 05 j 02:22	20°♊22'40	
direct	-5178 Aug 08 j 00:36	19°♊34'54	
asc. node	-5178 Aug 08 j 20:50	19°♊38'50	
morning max el	-5178 Aug 14 j 16:18	23°♊15'21	18°31'24
	-5178 Aug 20 j 01:53	0°♋	
morning set	-5178 Sep 03 j 12:52	22°♋52'13	
	-5178 Sep 07 j 22:32	0°♌	
superior conj	-5178 Sep 18 j 19:45	17°♌21'37	0°14'37
minimum elong	-5178 Sep 18 j 21:39	17°♌29'09	0°14'34
behind sun begin	-5178 Sep 18 j 16:29	17°♌08'44	
behind sun end	-5178 Sep 19 j 02:49	17°♌49'33	
max. Earth dist.	-5178 Sep 20 j 08:23	19°♌46'17	1.44766 AU
desc. node	-5178 Sep 21 j 03:40	21°♌02'18	
	-5178 Sep 26 j 20:16	0°♍	
evening rise	-5178 Oct 05 j 06:40	13°♍17'17	
	-5178 Oct 15 j 21:57	0°♎	
evening max el	-5178 Oct 28 j 00:45	16°♎38'50	19°14'11
retrograde	-5178 Nov 04 j 02:07	20°♎42'05	
asc. node	-5178 Nov 04 j 19:34	20°♎39'02	
evening set	-5178 Nov 07 j 07:08	19°♎42'14	
inferior conj	-5178 Nov 13 j 00:48	13°♎48'27	2°33'20
minimum elong	-5178 Nov 12 j 21:45	13°♎58'04	2°32'18
min. Earth dist.	-5178 Nov 14 j 09:00	12°♎06'23	0.65775 AU
morning rise	-5178 Nov 18 j 11:31	7°♎36'03	
direct	-5178 Nov 24 j 18:51	4°♎52'59	
morning max el	-5178 Dec 07 j 10:26	12°♎16'54	26°17'16
desc. node	-5178 Dec 18 j 03:53	25°♎01'09	
	-5178 Dec 21 j 18:24	0°♏	
	-5177 Jan 09 j 09:37	0°♐	
morning set	-5177 Jan 12 j 12:14	5°♐42'17	
max. Earth dist.	-5177 Jan 16 j 15:45	13°♐38'22	1.35336 AU
superior conj	-5177 Jan 21 j 10:33	23°♐13'09	-1°-29'-21
minimum elong	-5177 Jan 21 j 13:30	23°♐28'15	1°29'18
	-5177 Jan 24 j 17:28	0°♑	
evening rise	-5177 Jan 29 j 04:30	9°♑14'22	
asc. node	-5177 Jan 31 j 18:22	14°♑27'43	
	-5177 Feb 09 j 10:37	0°♒	
evening max el	-5177 Feb 16 j 22:04	9°♒19'45	20°35'45
retrograde	-5177 Feb 27 j 20:13	14°♒30'46	
evening set	-5177 Mar 02 j 05:58	14°♒16'42	
inferior conj	-5177 Mar 11 j 05:18	10°♒18'36	1°19'30
minimum elong	-5177 Mar 11 j 08:42	10°♒13'39	1°18'10
min. Earth dist.	-5177 Mar 12 j 14:47	9°♒29'52	0.55426 AU
desc. node	-5177 Mar 16 j 03:06	7°♒36'09	
morning rise	-5177 Mar 20 j 09:38	6°♒00'51	
direct	-5177 Mar 23 j 19:51	5°♒35'19	
morning max el	-5177 Apr 06 j 04:19	12°♒06'54	23°04'38
	-5177 Apr 19 j 12:34	0°♓	
morning set	-5177 Apr 28 j 23:53	18°♓11'22	
asc. node	-5177 Apr 29 j 18:06	19°♓46'49	
	-5177 May 04 j 13:13	0°♈	
superior conj	-5177 May 06 j 04:44	3°♈30'59	1°01'53
minimum elong	-5177 May 06 j 02:19	3°♈18'09	1°01'29
max. Earth dist.	-5177 May 08 j 16:12	8°♈45'17	1.33945 AU
evening rise	-5177 May 13 j 22:26	19°♈29'08	
	-5177 May 19 j 10:51	0°♉	
	-5177 Jun 07 j 11:51	0°♊	
desc. node	-5177 Jun 12 j 01:27	5°♊39'34	
evening max el	-5177 Jun 17 j 00:04	10°♊56'12	27°20'22
retrograde	-5177 Jun 30 j 12:47	18°♊21'48	
evening set	-5177 Jul 07 j 14:23	15°♊37'14	
min. Earth dist.	-5177 Jul 11 j 06:47	12°♊11'05	0.64269 AU
inferior conj	-5177 Jul 13 j 15:33	9°♊37'31	-3°-33'-56
minimum elong	-5177 Jul 13 j 18:58	9°♊28'16	3°32'59
morning rise	-5177 Jul 20 j 01:11	4°♊10'42	
direct	-5177 Jul 22 j 18:12	3°♊32'49	
asc. node	-5177 Jul 26 j 17:53	4°♊53'47	
morning max el	-5177 Jul 29 j 06:21	7°♊00'19	18°05'21
	-5177 Aug 13 j 13:43	0°♋	
morning set	-5177 Aug 15 j 22:44	4°♋02'45	
superior conj	-5177 Aug 29 j 06:08	26°♋12'12	0°58'55
minimum elong	-5177 Aug 29 j 11:57	26°♋35'47	0°58'31
	-5177 Aug 31 j 14:36	0°♌	
max. Earth dist.	-5177 Sep 03 j 01:28	3°♌55'19	1.44231 AU
desc. node	-5177 Sep 08 j 00:36	11°♌46'04	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening rise	-5177 Sep 14 j 18:13	22°♌15'29	
	-5177 Sep 19 j 18:53	0°♍	
greatest brilliancy	-5177 Oct 04 j 05:57	21°♍26'35	-0.6m
evening max el	-5177 Oct 11 j 05:53	0°♎05'30	20°09'08
	-5177 Oct 11 j 03:45	0°♎	
retrograde	-5177 Oct 18 j 23:16	4°♎37'14	
evening set	-5177 Oct 22 j 13:12	3°♎22'44	
asc. node	-5177 Oct 22 j 16:44	3°♎16'27	
	-5177 Oct 25 j 23:41	30°℞♍	
inferior conj	-5177 Oct 28 j 02:03	27°♍17'14	1°45'53
minimum elong	-5177 Oct 27 j 23:46	27°♍24'52	1°45'02
min. Earth dist.	-5177 Oct 28 j 22:02	26°♍10'33	0.66618 AU
morning rise	-5177 Nov 02 j 09:45	21°♍00'18	
direct	-5177 Nov 08 j 02:28	18°♍32'24	
morning max el	-5177 Nov 19 j 19:31	25°♍29'53	25°02'25
	-5177 Nov 23 j 22:37	0°♎	
desc. node	-5177 Dec 05 j 00:50	14°♎30'14	
	-5177 Dec 15 j 07:07	0°♏	
morning set	-5177 Dec 25 j 21:52	17°♏53'26	
max. Earth dist.	-5177 Dec 29 j 16:57	24°♏47'05	1.37059 AU
	-5176 Jan 01 j 11:34	0°♐	
superior conj	-5176 Jan 04 j 23:47	6°♐47'25	-1°-44'-14
minimum elong	-5176 Jan 05 j 02:09	6°♐59'04	1°44'21
evening rise	-5176 Jan 13 j 07:34	23°♐27'37	
	-5176 Jan 16 j 14:59	0°♑	
asc. node	-5176 Jan 18 j 15:27	3°♑50'23	
evening max el	-5176 Jan 30 j 12:11	21°♑09'54	19°29'11
retrograde	-5176 Feb 08 j 19:07	25°♑34'13	
evening set	-5176 Feb 11 j 03:58	25°♑18'19	
inferior conj	-5176 Feb 19 j 12:20	21°♑11'40	2°51'48
minimum elong	-5176 Feb 19 j 17:31	21°♑03'12	2°50'15
min. Earth dist.	-5176 Feb 22 j 05:27	19°♑26'01	0.56463 AU
morning rise	-5176 Feb 28 j 03:29	16°♑25'07	
desc. node	-5176 Mar 02 j 00:15	15°♑43'41	
direct	-5176 Mar 03 j 18:21	15°♑36'34	
morning max el	-5176 Mar 17 j 19:47	22°♑44'18	24°42'57
	-5176 Mar 24 j 06:07	0°♒	
	-5176 Apr 10 j 22:42	0°♓	
morning set	-5176 Apr 12 j 12:12	3°♓14'43	
asc. node	-5176 Apr 15 j 15:03	9°♓53'25	
superior conj	-5176 Apr 19 j 13:46	18°♓26'28	0°39'44
minimum elong	-5176 Apr 19 j 12:05	18°♓17'25	0°39'20
max. Earth dist.	-5176 Apr 20 j 23:13	21°♓27'13	1.33163 AU
	-5176 Apr 24 j 23:56	0°♈	
evening rise	-5176 Apr 26 j 22:02	3°♈57'08	
	-5176 May 11 j 04:55	0°♉	
desc. node	-5176 May 28 j 22:37	23°♉20'08	
evening max el	-5176 May 29 j 08:49	23°♉44'52	27°22'25
	-5176 Jun 07 j 01:26	0°♊	
retrograde	-5176 Jun 12 j 05:07	1°♊10'35	
	-5176 Jun 17 j 02:29	30°℞♉	
evening set	-5176 Jun 19 j 07:14	28°♉42'15	
min. Earth dist.	-5176 Jun 22 j 21:27	25°♉44'23	0.62572 AU
inferior conj	-5176 Jun 25 j 19:43	22°♉54'33	-4°-1'-2
minimum elong	-5176 Jun 25 j 22:06	22°♉48'46	4°00'33
morning rise	-5176 Jul 02 j 15:22	17°♉47'02	
direct	-5176 Jul 05 j 05:03	17°♉16'41	
morning max el	-5176 Jul 11 j 20:59	20°♉40'28	17°57'19
asc. node	-5176 Jul 12 j 14:56	21°♉26'34	
	-5176 Jul 18 j 21:07	0°♊	
morning set	-5176 Jul 28 j 07:13	16°♊17'38	
	-5176 Aug 05 j 01:41	0°♋	
superior conj	-5176 Aug 08 j 18:06	6°♋18'51	1°29'47
minimum elong	-5176 Aug 08 j 23:13	6°♋40'32	1°29'39
max. Earth dist.	-5176 Aug 15 j 14:16	17°♋40'11	1.43057 AU
	-5176 Aug 23 j 07:55	0°♌	
evening rise	-5176 Aug 23 j 21:28	0°♌52'56	
desc. node	-5176 Aug 24 j 21:34	2°♌26'40	
	-5176 Sep 12 j 10:18	0°♍	
greatest brilliancy	-5176 Sep 17 j 22:09	7°♍22'35	-0.4m
evening max el	-5176 Sep 23 j 04:53	13°♍30'49	21°17'14
retrograde	-5176 Oct 01 j 19:59	18°♍37'34	
evening set	-5176 Oct 05 j 21:09	17°♍05'36	
asc. node	-5176 Oct 08 j 13:55	14°♍24'38	
inferior conj	-5176 Oct 11 j 06:50	10°♍51'59	0°54'44
minimum elong	-5176 Oct 11 j 05:35	10°♍56'15	0°54'19
min. Earth dist.	-5176 Oct 11 j 15:53	10°♍20'55	0.67141 AU
morning rise	-5176 Oct 16 j 13:40	4°♍33'39	
direct	-5176 Oct 21 j 15:07	2°♍25'33	
morning max el	-5176 Nov 01 j 04:42	8°♍44'42	23°37'46
	-5176 Nov 17 j 20:56	0°♎	
desc. node	-5176 Nov 20 j 21:46	4°♎26'19	
morning set	-5176 Dec 06 j 07:32	28°♎50'35	
	-5176 Dec 06 j 23:54	0°♏	
max. Earth dist.	-5176 Dec 10 j 12:49	6°♏06'43	1.39063 AU
superior conj	-5176 Dec 17 j 23:39	19°♏38'04	-1°-51'-56
minimum elong	-5176 Dec 18 j 00:18	19°♏41'06	1°52'10
	-5176 Dec 23 j 10:01	0°♐	
evening rise	-5176 Dec 27 j 03:20	7°♐13'55	
asc. node	-5175 Jan 04 j 12:33	22°♐45'07	
	-5175 Jan 09 j 08:20	0°♑	
evening max el	-5175 Jan 12 j 12:00	3°♑34'16	18°42'10
retrograde	-5175 Jan 20 j 11:02	7°♑25'20	
evening set	-5175 Jan 22 j 22:02	7°♑04'42	
inferior conj	-5175 Jan 30 j 14:21	2°♑39'48	3°46'29
minimum elong	-5175 Jan 30 j 17:40	2°♑33'32	3°45'45
min. Earth dist.	-5175 Feb 02 j 22:01	0°♑10'37	0.58134 AU
	-5175 Feb 03 j 03:59	30°℞♐	
morning rise	-5175 Feb 07 j 09:42	27°♐26'33	
direct	-5175 Feb 13 j 06:09	26°♐01'58	
desc. node	-5175 Feb 16 j 21:24	26°♐34'13	
	-5175 Feb 23 j 10:13	0°♑	
morning max el	-5175 Feb 27 j 11:43	3°♑28'41	26°10'06
	-5175 Mar 18 j 14:01	0°♒	
morning set	-5175 Mar 27 j 23:55	18°♒16'43	
	-5175 Apr 02 j 10:52	0°♓	
asc. node	-5175 Apr 02 j 12:02	0°♓06'18	
superior conj	-5175 Apr 04 j 01:02	3°♓28'30	0°15'55
minimum elong	-5175 Apr 04 j 00:21	3°♓24'43	0°15'37
behind sun begin	-5175 Apr 03 j 23:43	3°♓21'18	
behind sun end	-5175 Apr 04 j 00:58	3°♓28'08	
max. Earth dist.	-5175 Apr 04 j 11:23	4°♓25'00	1.32730 AU
evening rise	-5175 Apr 11 j 03:49	18°♓43'48	
	-5175 Apr 16 j 19:55	0°♈	
	-5175 May 06 j 01:19	0°♉	
evening max el	-5175 May 11 j 13:10	5°♉57'33	26°51'40
desc. node	-5175 May 15 j 19:47	9°♉34'02	
retrograde	-5175 May 25 j 14:06	13°♉19'34	
evening set	-5175 Jun 01 j 06:22	11°♉21'16	
min. Earth dist.	-5175 Jun 05 j 02:41	8°♉37'46	0.60613 AU
inferior conj	-5175 Jun 08 j 10:15	5°♉49'15	-4°-11'-20
minimum elong	-5175 Jun 08 j 10:21	5°♉49'03	4°11'11
morning rise	-5175 Jun 15 j 17:32	1°♉02'55	
direct	-5175 Jun 18 j 05:29	0°♉38'21	
morning max el	-5175 Jun 25 j 09:23	4°♉08'40	18°08'15
asc. node	-5175 Jun 29 j 11:57	9°♉01'31	
morning set	-5175 Jul 11 j 09:00	29°♉23'39	
	-5175 Jul 11 j 16:48	0°♊	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5175 Jul 21 j 09:05	17°♊46'03	1°45'49
minimum elong	-5175 Jul 21 j 11:24	17°♊56'22	1°46'00
	-5175 Jul 28 j 10:07	0°♋	
max. Earth dist.	-5175 Jul 28 j 21:41	0°♋48'46	1.41405 AU
evening rise	-5175 Aug 03 j 13:13	10°♋06'59	
desc. node	-5175 Aug 11 j 18:32	23°♋00'43	
	-5175 Aug 16 j 10:10	0°♌	
greatest brilliancy	-5175 Sep 01 j 03:32	21°♌35'02	-0.3m
evening max el	-5175 Sep 05 j 21:51	26°♌55'37	22°34'32
	-5175 Sep 09 j 07:55	0°♍	
retrograde	-5175 Sep 15 j 14:37	2°♍40'45	
evening set	-5175 Sep 20 j 05:06	0°♍49'13	
	-5175 Sep 21 j 03:00	30°℞♌	
asc. node	-5175 Sep 25 j 11:06	24°♌38'08	
inferior conj	-5175 Sep 25 j 13:13	24°♌30'50	0°01'48
minimum elong	-5175 Sep 25 j 13:10	24°♌31'00	0°01'58
transit middle	-5175 Sep 25 j 13:10	24°♌31'00	0°01'58
transit begin	-5175 Sep 25 j 10:30	24°♌40'15	
transit end	-5175 Sep 25 j 15:51	24°♌21'45	
min. Earth dist.	-5175 Sep 25 j 11:58	24°♌35'09	0.67369 AU
morning rise	-5175 Sep 30 j 21:08	18°♌14'23	
direct	-5175 Oct 05 j 08:00	16°♌27'33	
morning max el	-5175 Oct 14 j 16:57	22°♌02'37	22°12'24
greatest brilliancy	-5175 Oct 19 j 11:38	27°♌28'03	-0.4m
	-5175 Oct 21 j 11:50	0°♍	
desc. node	-5175 Nov 07 j 18:38	24°♍41'03	
	-5175 Nov 11 j 05:27	0°♎	
morning set	-5175 Nov 16 j 12:45	8°♎23'50	
max. Earth dist.	-5175 Nov 22 j 11:35	18°♎10'40	1.41101 AU
	-5175 Nov 29 j 08:27	0°♏	
superior conj	-5175 Nov 30 j 04:56	1°♏30'44	-1°-49'-17
minimum elong	-5175 Nov 30 j 02:37	1°♏20'25	1°49'21
evening rise	-5175 Dec 10 j 12:41	20°♏25'15	
	-5175 Dec 15 j 17:24	0°♐	
asc. node	-5175 Dec 22 j 09:42	11°♐02'05	
evening max el	-5175 Dec 26 j 18:58	16°♐24'14	18°15'11
retrograde	-5174 Jan 02 j 21:05	19°♐57'31	
evening set	-5174 Jan 05 j 10:18	19°♐30'51	
inferior conj	-5174 Jan 12 j 12:23	14°♐43'48	4°06'00
minimum elong	-5174 Jan 12 j 12:43	14°♐43'03	4°05'44
min. Earth dist.	-5174 Jan 15 j 19:03	11°♐52'50	0.60096 AU
morning rise	-5174 Jan 19 j 12:17	9°♐10'19	
direct	-5174 Jan 26 j 05:14	7°♐07'25	
desc. node	-5174 Feb 03 j 18:29	10°♐06'39	
morning max el	-5174 Feb 09 j 08:48	14°♐43'02	27°12'07
	-5174 Feb 21 j 17:45	0°♑	
	-5174 Mar 10 j 20:11	0°♒	
morning set	-5174 Mar 12 j 09:11	3°♒09'50	
max. Earth dist.	-5174 Mar 19 j 00:58	17°♒25'23	1.32629 AU
superior conj	-5174 Mar 19 j 12:46	18°♒29'51	0°-8'-43
minimum elong	-5174 Mar 19 j 13:10	18°♒32'01	0°08'52
behind sun begin	-5174 Mar 19 j 08:59	18°♒09'11	
behind sun end	-5174 Mar 19 j 17:20	18°♒54'50	
asc. node	-5174 Mar 20 j 09:00	20°♒20'28	
	-5174 Mar 24 j 19:51	0°♓	
evening rise	-5174 Mar 26 j 13:21	3°♓39'42	
	-5174 Apr 09 j 19:18	0°♈	
evening max el	-5174 Apr 23 j 11:23	17°♈28'21	25°49'59
desc. node	-5174 May 02 j 16:59	23°♈47'04	
retrograde	-5174 May 07 j 13:40	24°♈43'16	
evening set	-5174 May 13 j 08:31	23°♈22'33	
min. Earth dist.	-5174 May 18 j 00:00	20°♈37'04	0.58588 AU
inferior conj	-5174 May 21 j 07:26	18°♈11'36	-3°-56'-26
minimum elong	-5174 May 21 j 04:19	18°♈17'21	3°56'01
morning rise	-5174 May 29 j 04:04	13°♈46'56	
direct	-5174 May 31 j 15:02	13°♈27'04	
morning max el	-5174 Jun 08 j 16:41	17°♈16'17	18°39'03
asc. node	-5174 Jun 16 j 08:56	27°♈24'20	
	-5174 Jun 17 j 21:51	0°♉	
morning set	-5174 Jun 24 j 23:28	13°♉08'59	
superior conj	-5174 Jul 03 j 22:13	0°♊20'52	1°49'24
minimum elong	-5174 Jul 03 j 21:55	0°♊19'25	1°49'38
	-5174 Jul 03 j 17:46	0°♊	
max. Earth dist.	-5174 Jul 11 j 00:34	13°♊15'48	1.39494 AU
evening rise	-5174 Jul 15 j 05:56	20°♊33'23	
	-5174 Jul 20 j 23:25	0°♋	
desc. node	-5174 Jul 29 j 15:33	13°♋24'03	
	-5174 Aug 10 j 12:52	0°♌	
evening max el	-5174 Aug 19 j 10:19	10°♌21'42	23°55'30
retrograde	-5174 Aug 30 j 06:00	16°♌44'23	
evening set	-5174 Sep 04 j 11:17	14°♌32'35	
inferior conj	-5174 Sep 09 j 19:29	8°♌12'43	0°-51'-9
minimum elong	-5174 Sep 09 j 20:40	8°♌08'44	0°50'26
min. Earth dist.	-5174 Sep 09 j 07:52	8°♌52'14	0.67298 AU
asc. node	-5174 Sep 12 j 08:14	4°♌54'36	
morning rise	-5174 Sep 15 j 06:11	2°♌01'23	
direct	-5174 Sep 19 j 03:59	0°♌34'47	
morning max el	-5174 Sep 27 j 11:19	5°♌28'09	20°53'45
greatest brilliancy	-5174 Oct 03 j 07:38	12°♌23'08	-0.5m
	-5174 Oct 15 j 16:48	0°♍	
desc. node	-5174 Oct 25 j 15:30	15°♍09'07	
morning set	-5174 Oct 26 j 18:05	16°♍52'31	
	-5174 Nov 04 j 00:34	0°♎	
max. Earth dist.	-5174 Nov 04 j 17:40	1°♎09'20	1.42876 AU
superior conj	-5174 Nov 11 j 09:53	12°♎11'33	-1°-32'-42
minimum elong	-5174 Nov 11 j 04:17	11°♎47'57	1°32'17
	-5174 Nov 21 j 16:36	0°♏	
evening rise	-5174 Nov 23 j 07:47	2°♏53'58	
asc. node	-5174 Dec 09 j 06:50	28°♏29'54	
evening max el	-5174 Dec 10 j 06:13	29°♏31'59	18°07'58
	-5174 Dec 10 j 17:45	0°♐	
retrograde	-5174 Dec 16 j 21:51	3°♐00'53	
evening set	-5174 Dec 19 j 13:30	2°♐27'18	
	-5174 Dec 23 j 07:23	30°℞♏	
inferior conj	-5174 Dec 26 j 03:47	27°♏18'21	3°59'17
minimum elong	-5174 Dec 26 j 01:51	27°♏23'13	3°58'52
min. Earth dist.	-5174 Dec 29 j 00:06	24°♏28'21	0.62036 AU
morning rise	-5173 Jan 01 j 12:05	21°♏29'41	
direct	-5173 Jan 08 j 13:28	18°♏57'16	
desc. node	-5173 Jan 21 j 15:33	25°♏48'18	
morning max el	-5173 Jan 22 j 12:19	26°♏38'03	27°40'02
	-5173 Jan 25 j 17:15	0°♐	
	-5173 Feb 15 j 05:59	0°♑	
morning set	-5173 Feb 24 j 13:58	17°♑46'51	
	-5173 Mar 02 j 09:28	0°♒	
max. Earth dist.	-5173 Mar 02 j 12:05	0°♒14'07	1.32869 AU
superior conj	-5173 Mar 03 j 23:19	3°♒24'42	0°-33'-20
minimum elong	-5173 Mar 04 j 00:47	3°♒32'38	0°33'19
asc. node	-5173 Mar 07 j 05:58	10°♒31'58	
evening rise	-5173 Mar 11 j 00:42	18°♒37'42	
	-5173 Mar 16 j 16:05	0°♓	
evening max el	-5173 Apr 05 j 04:23	28°♓24'31	24°25'39
	-5173 Apr 06 j 22:35	0°♈	
retrograde	-5173 Apr 19 j 01:55	5°♈24'19	
desc. node	-5173 Apr 19 j 14:12	5°♈23'42	
evening set	-5173 Apr 23 j 14:41	4°♈38'06	
min. Earth dist.	-5173 Apr 29 j 16:25	1°♈36'01	0.56796 AU
inferior conj	-5173 May 02 j 08:40	29°♓53'35	-3°-6'-52
minimum elong	-5173 May 02 j 03:13	0°♈02'20	3°05'39

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5173 May 02 j 04:40	30°℞♓	
morning rise	-5173 May 10 j 19:51	25°♓47'26	
direct	-5173 May 13 j 06:04	25°♓31'19	
morning max el	-5173 May 22 j 16:09	29°♓54'15	19°30'08
	-5173 May 22 j 18:36	0°♈	
asc. node	-5173 Jun 03 j 05:52	16°♈23'36	
morning set	-5173 Jun 08 j 22:56	27°♈23'56	
	-5173 Jun 10 j 06:07	0°♉	
superior conj	-5173 Jun 17 j 03:47	13°♉47'01	1°43'34
minimum elong	-5173 Jun 17 j 01:48	13°♉37'21	1°43'39
max. Earth dist.	-5173 Jun 23 j 02:23	25°♉08'38	1.37585 AU
	-5173 Jun 25 j 18:04	0°♊	
evening rise	-5173 Jun 27 j 00:28	2°♊16'15	
	-5173 Jul 14 j 02:33	0°♋	
desc. node	-5173 Jul 16 j 12:37	3°♋30'41	
evening max el	-5173 Aug 01 j 20:43	23°♋49'42	25°13'05
	-5173 Aug 10 j 06:41	0°♌	
retrograde	-5173 Aug 13 j 17:24	0°♌43'34	
	-5173 Aug 16 j 22:12	30°℞♋	
evening set	-5173 Aug 19 j 13:51	28°♋13'27	
min. Earth dist.	-5173 Aug 24 j 01:11	23°♋09'40	0.66909 AU
inferior conj	-5173 Aug 24 j 23:53	21°♋55'13	-1°-42'-33
minimum elong	-5173 Aug 25 j 02:11	21°♋47'41	1°41'25
asc. node	-5173 Aug 30 j 05:20	16°♋09'10	
morning rise	-5173 Aug 30 j 14:59	15°♋52'10	
direct	-5173 Sep 03 j 01:45	14°♋43'15	
morning max el	-5173 Sep 10 j 12:50	19°♋01'55	19°46'40
greatest brilliancy	-5173 Sep 18 j 15:40	29°♋17'57	-0.6m
	-5173 Sep 19 j 03:27	0°♌	
morning set	-5173 Oct 05 j 17:48	25°♌11'31	
	-5173 Oct 08 j 19:57	0°♍	
desc. node	-5173 Oct 12 j 12:21	5°♍45'40	
max. Earth dist.	-5173 Oct 18 j 06:11	14°♍49'52	1.44139 AU
superior conj	-5173 Oct 22 j 11:03	21°♍33'33	0°-59'-56
minimum elong	-5173 Oct 22 j 04:47	21°♍08'17	0°59'09
	-5173 Oct 27 j 15:32	0°♎	
evening rise	-5173 Nov 05 j 07:58	14°♎29'54	
	-5173 Nov 14 j 13:47	0°♏	
evening max el	-5173 Nov 23 j 18:58	12°♏50'35	18°19'47
asc. node	-5173 Nov 26 j 03:58	14°♏54'20	
retrograde	-5173 Nov 30 j 08:44	16°♏25'51	
evening set	-5173 Dec 03 j 04:02	15°♏43'55	
inferior conj	-5173 Dec 09 j 08:48	10°♏15'22	3°34'39
minimum elong	-5173 Dec 09 j 05:43	10°♏23'59	3°33'52
min. Earth dist.	-5173 Dec 11 j 15:09	7°♏43'57	0.63747 AU
morning rise	-5173 Dec 15 j 05:52	4°♏15'10	
direct	-5173 Dec 22 j 05:29	1°♏27'27	
morning max el	-5172 Jan 04 j 20:20	9°♏09'17	27°32'01
desc. node	-5172 Jan 08 j 12:32	13°♏03'47	
	-5172 Jan 21 j 04:38	0°♐	
	-5172 Feb 07 j 11:35	0°♑	
morning set	-5172 Feb 08 j 11:46	1°♑59'10	
max. Earth dist.	-5172 Feb 13 j 16:44	12°♑37'36	1.33481 AU
superior conj	-5172 Feb 16 j 06:58	18°♑07'05	0°-56'-59
minimum elong	-5172 Feb 16 j 09:19	18°♑19'41	0°56'51
	-5172 Feb 21 j 20:04	0°♒	
asc. node	-5172 Feb 22 j 02:58	0°♒36'41	
evening rise	-5172 Feb 23 j 12:05	3°♒31'29	
	-5172 Mar 09 j 04:47	0°♓	
evening max el	-5172 Mar 16 j 21:07	9°♓09'14	22°51'55
retrograde	-5172 Mar 30 j 02:02	15°♓37'30	
evening set	-5172 Apr 02 j 09:22	15°♓13'34	
desc. node	-5172 Apr 05 j 11:24	14°♓11'53	
min. Earth dist.	-5172 Apr 10 j 07:12	11°♓42'52	0.55581 AU
inferior conj	-5172 Apr 11 j 15:22	10°♓56'21	-1°-38'-54
minimum elong	-5172 Apr 11 j 11:10	11°♓02'26	1°37'41
morning rise	-5172 Apr 20 j 15:37	6°♓58'32	
direct	-5172 Apr 23 j 03:28	6°♓43'49	
morning max el	-5172 May 04 j 05:36	11°♓54'56	20°40'57
	-5172 May 17 j 00:57	0°♈	
asc. node	-5172 May 20 j 02:48	5°♈50'43	
morning set	-5172 May 23 j 04:43	12°♈01'30	
superior conj	-5172 May 30 j 21:08	27°♈51'31	1°30'57
minimum elong	-5172 May 30 j 18:27	27°♈37'49	1°30'47
	-5172 May 31 j 22:26	0°♉	
max. Earth dist.	-5172 Jun 04 j 09:36	6°♉54'06	1.35902 AU
evening rise	-5172 Jun 08 j 16:18	15°♉04'53	
	-5172 Jun 17 j 02:31	0°♊	
desc. node	-5172 Jul 02 j 09:43	23°♊13'19	
	-5172 Jul 07 j 16:17	0°♋	
evening max el	-5172 Jul 14 j 07:23	7°♋18'56	26°19'06
retrograde	-5172 Jul 27 j 00:12	14°♋33'10	
evening set	-5172 Aug 02 j 10:42	11°♋50'03	
min. Earth dist.	-5172 Aug 06 j 13:40	7°♋24'50	0.66179 AU
inferior conj	-5172 Aug 08 j 00:37	5°♋36'35	-2°-30'-36
minimum elong	-5172 Aug 08 j 03:46	5°♋26'49	2°29'18
	-5172 Aug 13 j 11:58	30°℞♊	
morning rise	-5172 Aug 13 j 21:40	29°♊44'55	
asc. node	-5172 Aug 16 j 02:24	28°♊54'56	
direct	-5172 Aug 16 j 23:43	28°♊50'26	
	-5172 Aug 20 j 14:28	0°♋	
morning max el	-5172 Aug 23 j 20:45	2°♋42'44	18°54'10
	-5172 Sep 11 j 16:09	0°♌	
morning set	-5172 Sep 14 j 09:55	4°♌21'31	
desc. node	-5172 Sep 28 j 09:14	26°♌27'26	
max. Earth dist.	-5172 Sep 29 j 22:41	28°♌55'04	1.44743 AU
superior conj	-5172 Sep 30 j 14:37	29°♌57'54	0°-13'-56
minimum elong	-5172 Sep 30 j 12:49	29°♌50'47	0°13'34
behind sun begin	-5172 Sep 30 j 06:22	29°♌25'21	
behind sun end	-5172 Sep 30 j 19:16	0°♍16'14	
	-5172 Sep 30 j 15:09	0°♍	
evening rise	-5172 Oct 16 j 08:36	25°♍03'27	
	-5172 Oct 19 j 10:02	0°♎	
evening max el	-5172 Nov 06 j 06:37	26°♎15'26	18°49'34
asc. node	-5172 Nov 12 j 01:07	0°♏00'03	
	-5172 Nov 12 j 01:00	0°♏	
retrograde	-5172 Nov 13 j 01:51	0°♏06'00	
	-5172 Nov 14 j 02:29	30°℞♎	
evening set	-5172 Nov 16 j 02:41	29°♎13'33	
inferior conj	-5172 Nov 21 j 23:54	23°♎28'19	2°58'07
minimum elong	-5172 Nov 21 j 20:38	23°♎38'13	2°57'06
min. Earth dist.	-5172 Nov 23 j 15:57	21°♎26'23	0.65136 AU
morning rise	-5172 Nov 27 j 13:30	17°♎19'34	
direct	-5172 Dec 04 j 04:14	14°♎31'04	
morning max el	-5172 Dec 17 j 05:59	22°♎05'12	26°51'54
	-5172 Dec 24 j 06:18	0°♏	
desc. node	-5172 Dec 25 j 09:29	1°♏25'46	
	-5171 Jan 13 j 09:06	0°♐	
morning set	-5171 Jan 21 j 23:12	15°♐35'20	
max. Earth dist.	-5171 Jan 26 j 11:10	24°♐25'41	1.34527 AU
	-5171 Jan 29 j 04:43	0°♑	
superior conj	-5171 Jan 30 j 09:37	2°♑29'45	-1°-18'-30
minimum elong	-5171 Jan 30 j 12:32	2°♑44'51	1°18'23
evening rise	-5171 Feb 06 j 21:47	18°♑14'22	
asc. node	-5171 Feb 08 j 00:00	20°♑29'33	
	-5171 Feb 12 j 19:51	0°♒	
evening max el	-5171 Feb 26 j 19:39	20°♒08'12	21°21'56
retrograde	-5171 Mar 10 j 16:37	25°♒48'28	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening set	-5171 Mar 13 j 06:16	25°♒33'25	
inferior conj	-5171 Mar 22 j 11:33	21°♒33'50	0°14'26
minimum elong	-5171 Mar 22 j 12:12	21°♒32'54	0°14'01
transit middle	-5171 Mar 22 j 12:12	21°♒32'54	0°14'01
transit begin	-5171 Mar 22 j 10:18	21°♒35'35	
transit end	-5171 Mar 22 j 14:06	21°♒30'13	
min. Earth dist.	-5171 Mar 22 j 21:39	21°♒19'32	0.55215 AU
desc. node	-5171 Mar 23 j 08:34	21°♒04'07	
morning rise	-5171 Mar 31 j 17:46	17°♒27'49	
direct	-5171 Apr 03 j 16:12	17°♒08'52	
morning max el	-5171 Apr 16 j 08:04	23°♒13'33	22°08'48
	-5171 Apr 22 j 06:44	0°♓	
asc. node	-5171 May 06 j 23:45	25°♓37'39	
morning set	-5171 May 07 j 14:31	26°♓54'01	
	-5171 May 09 j 02:08	0°♈	
superior conj	-5171 May 14 j 22:37	12°♈22'16	1°13'32
minimum elong	-5171 May 14 j 19:57	12°♈08'15	1°13'10
max. Earth dist.	-5171 May 18 j 02:37	18°♈57'01	1.34559 AU
evening rise	-5171 May 22 j 23:53	28°♈42'42	
	-5171 May 23 j 15:54	0°♉	
	-5171 Jun 10 j 06:30	0°♊	
desc. node	-5171 Jun 19 j 06:52	12°♊20'58	
evening max el	-5171 Jun 26 j 18:43	20°♊42'01	27°05'30
retrograde	-5171 Jul 10 j 01:47	28°♊05'29	
evening set	-5171 Jul 16 j 23:16	25°♊18'21	
min. Earth dist.	-5171 Jul 20 j 19:02	21°♊31'26	0.65075 AU
inferior conj	-5171 Jul 22 j 19:29	19°♊12'46	-3°-13'-8
minimum elong	-5171 Jul 22 j 23:01	19°♊02'39	3°11'58
morning rise	-5171 Jul 29 j 00:02	13°♊35'43	
direct	-5171 Jul 31 j 19:44	12°♊52'30	
asc. node	-5171 Aug 02 j 23:28	13°♊17'25	
morning max el	-5171 Aug 07 j 09:11	16°♊26'42	18°18'07
	-5171 Aug 17 j 04:31	0°♋	
morning set	-5171 Aug 26 j 04:40	14°♋48'39	
	-5171 Sep 04 j 11:15	0°♌	
superior conj	-5171 Sep 09 j 15:57	8°♌20'04	0°34'41
minimum elong	-5171 Sep 09 j 20:06	8°♌36'36	0°34'23
max. Earth dist.	-5171 Sep 12 j 16:25	13°♌07'37	1.44622 AU
desc. node	-5171 Sep 15 j 06:09	17°♌11'12	
	-5171 Sep 23 j 10:22	0°♍	
evening rise	-5171 Sep 26 j 08:03	4°♍31'55	
greatest brilliancy	-5171 Oct 12 j 00:10	28°♍34'20	-0.7m
	-5171 Oct 12 j 23:50	0°♎	
evening max el	-5171 Oct 20 j 14:48	9°♎42'42	19°35'53
retrograde	-5171 Oct 27 j 22:11	13°♎56'51	
asc. node	-5171 Oct 29 j 22:17	13°♎33'31	
evening set	-5171 Oct 31 j 06:44	12°♎51'09	
inferior conj	-5171 Nov 05 j 22:09	6°♎52'16	2°13'48
minimum elong	-5171 Nov 05 j 19:23	7°♎01'15	2°12'49
min. Earth dist.	-5171 Nov 07 j 01:03	5°♎24'58	0.66175 AU
morning rise	-5171 Nov 11 j 07:18	0°♎37'44	
	-5171 Nov 12 j 01:34	30°℞♍	
direct	-5171 Nov 17 j 08:47	28°♍00'01	
	-5171 Nov 23 j 07:43	0°♎	
morning max el	-5171 Nov 29 j 15:15	5°♎14'01	25°47'14
desc. node	-5171 Dec 12 j 06:26	20°♎34'40	
	-5171 Dec 18 j 19:05	0°♏	
morning set	-5170 Jan 04 j 19:52	28°♏22'13	
	-5170 Jan 05 j 17:07	0°♐	
max. Earth dist.	-5170 Jan 08 j 18:03	5°♐43'11	1.36024 AU
superior conj	-5170 Jan 14 j 04:45	16°♐25'00	-1°-36'-22
minimum elong	-5170 Jan 14 j 07:35	16°♐39'12	1°36'23
	-5170 Jan 20 j 20:26	0°♑	
evening rise	-5170 Jan 22 j 03:55	2°♑40'42	
asc. node	-5170 Jan 25 j 21:05	10°♑05'18	
	-5170 Feb 07 j 13:15	0°♒	
evening max el	-5170 Feb 09 j 03:52	1°♒38'23	20°05'09
retrograde	-5170 Feb 19 j 08:31	6°♒27'39	
evening set	-5170 Feb 21 j 17:24	6°♒13'11	
inferior conj	-5170 Mar 02 j 10:53	2°♒13'19	2°02'45
minimum elong	-5170 Mar 02 j 15:34	2°♒06'11	2°01'05
min. Earth dist.	-5170 Mar 04 j 11:49	0°♒59'23	0.55780 AU
	-5170 Mar 06 j 05:03	30°℞♑	
desc. node	-5170 Mar 10 j 05:44	28°♑07'27	
morning rise	-5170 Mar 11 j 10:57	27°♑44'01	
direct	-5170 Mar 15 j 08:47	27°♑10'21	
	-5170 Mar 24 j 01:59	0°♒	
morning max el	-5170 Mar 29 j 01:53	3°♒59'07	23°46'42
	-5170 Apr 16 j 03:22	0°♓	
morning set	-5170 Apr 22 j 02:27	11°♓55'15	
asc. node	-5170 Apr 23 j 20:44	15°♓38'35	
superior conj	-5170 Apr 29 j 05:33	27°♓10'43	0°52'46
minimum elong	-5170 Apr 29 j 03:25	26°♓59'15	0°52'20
	-5170 Apr 30 j 13:11	0°♈	
max. Earth dist.	-5170 May 01 j 05:26	1°♈26'29	1.33579 AU
evening rise	-5170 May 06 j 18:43	12°♈55'44	
	-5170 May 15 j 20:56	0°♉	
	-5170 Jun 05 j 13:56	0°♊	
desc. node	-5170 Jun 06 j 04:01	0°♊38'53	
evening max el	-5170 Jun 09 j 05:16	3°♊47'14	27°25'09
retrograde	-5170 Jun 22 j 21:26	11°♊12'27	
evening set	-5170 Jun 30 j 00:20	8°♊33'23	
min. Earth dist.	-5170 Jul 03 j 15:17	5°♊20'24	0.63591 AU
inferior conj	-5170 Jul 06 j 05:54	2°♊38'35	-3°-47'-6
minimum elong	-5170 Jul 06 j 09:01	2°♊30'30	3°46'20
	-5170 Jul 08 j 22:15	30°℞♉	
morning rise	-5170 Jul 12 j 19:34	27°♉19'23	
direct	-5170 Jul 15 j 11:02	26°♉44'49	
asc. node	-5170 Jul 20 j 20:32	29°♉06'48	
	-5170 Jul 21 j 19:53	0°♊	
morning max el	-5170 Jul 21 j 23:43	0°♊09'28	17°59'38
morning set	-5170 Aug 08 j 00:48	26°♊28'02	
	-5170 Aug 10 j 01:44	0°♋	
superior conj	-5170 Aug 20 j 12:10	17°♋39'16	1°13'55
minimum elong	-5170 Aug 20 j 18:09	18°♋03'57	1°13'34
max. Earth dist.	-5170 Aug 26 j 08:23	27°♋09'30	1.43803 AU
	-5170 Aug 28 j 03:02	0°♌	
desc. node	-5170 Sep 02 j 03:05	7°♌53'34	
evening rise	-5170 Sep 05 j 13:37	13°♌14'31	
	-5170 Sep 16 j 13:55	0°♍	
greatest brilliancy	-5170 Sep 27 j 14:29	15°♍47'23	-0.5m
evening max el	-5170 Oct 03 j 17:30	23°♍08'45	20°36'47
retrograde	-5170 Oct 11 j 19:16	27°♍54'16	
evening set	-5170 Oct 15 j 13:50	26°♍32'27	
asc. node	-5170 Oct 16 j 19:28	25°♍30'14	
inferior conj	-5170 Oct 21 j 01:08	20°♍23'10	1°24'29
minimum elong	-5170 Oct 20 j 23:15	20°♍29'30	1°23'49
min. Earth dist.	-5170 Oct 21 j 16:17	19°♍31'52	0.66878 AU
morning rise	-5170 Oct 26 j 08:14	14°♍05'33	
direct	-5170 Oct 31 j 18:29	11°♍45'49	
morning max el	-5170 Nov 12 j 00:03	18°♍27'23	24°27'09
	-5170 Nov 21 j 17:53	0°♎	
desc. node	-5170 Nov 29 j 03:20	10°♎15'59	
	-5170 Dec 11 j 21:27	0°♏	
morning set	-5170 Dec 17 j 20:01	10°♏03'08	
max. Earth dist.	-5170 Dec 21 j 16:26	16°♏53'27	1.37895 AU
superior conj	-5170 Dec 28 j 12:51	29°♏42'03	-1°-48'-33
minimum elong	-5170 Dec 28 j 14:39	29°♏50'43	1°48'44

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5170 Dec 28 j 16:35	0°♐	
evening rise	-5169 Jan 06 j 04:13	16°♐43'14	
asc. node	-5169 Jan 12 j 18:10	29°♐16'56	
	-5169 Jan 13 j 03:51	0°♑	
evening max el	-5169 Jan 22 j 22:16	13°♑43'12	19°06'38
retrograde	-5169 Jan 31 j 14:14	17°♑51'35	
evening set	-5169 Feb 03 j 00:02	17°♑33'46	
inferior conj	-5169 Feb 11 j 01:24	13°♑19'43	3°19'42
minimum elong	-5169 Feb 11 j 06:06	13°♑11'34	3°18'29
min. Earth dist.	-5169 Feb 14 j 02:40	11°♑13'41	0.57122 AU
morning rise	-5169 Feb 19 j 08:33	8°♑21'22	
direct	-5169 Feb 24 j 12:34	7°♑18'53	
desc. node	-5169 Feb 25 j 02:53	7°♑19'44	
morning max el	-5169 Mar 10 j 16:47	14°♑35'31	25°22'19
	-5169 Mar 22 j 22:06	0°♒	
morning set	-5169 Apr 06 j 14:45	26°♒58'51	
	-5169 Apr 08 j 01:01	0°♓	
asc. node	-5169 Apr 10 j 17:43	5°♓48'19	
superior conj	-5169 Apr 13 j 15:46	12°♓09'29	0°29'47
minimum elong	-5169 Apr 13 j 14:29	12°♓02'32	0°29'24
max. Earth dist.	-5169 Apr 14 j 15:18	14°♓17'23	1.32942 AU
evening rise	-5169 Apr 20 j 21:17	27°♓32'35	
	-5169 Apr 22 j 02:15	0°♈	
	-5169 May 09 j 05:46	0°♉	
evening max el	-5169 May 22 j 12:25	16°♉21'38	27°13'16
desc. node	-5169 May 24 j 01:12	17°♉46'16	
retrograde	-5169 Jun 05 j 10:35	23°♉45'35	
evening set	-5169 Jun 12 j 10:09	21°♉28'24	
min. Earth dist.	-5169 Jun 16 j 01:38	18°♉38'54	0.61766 AU
inferior conj	-5169 Jun 19 j 04:43	15°♉47'13	-4°-7'-55
minimum elong	-5169 Jun 19 j 06:18	15°♉43'36	4°07'37
morning rise	-5169 Jun 26 j 05:08	10°♉48'40	
direct	-5169 Jun 28 j 18:04	10°♉20'51	
morning max el	-5169 Jul 05 j 13:47	13°♉45'37	17°59'39
asc. node	-5169 Jul 07 j 17:35	16°♉07'55	
	-5169 Jul 16 j 15:57	0°♊	
morning set	-5169 Jul 21 j 17:18	9°♊06'27	
superior conj	-5169 Aug 01 j 12:05	28°♊21'34	1°38'19
minimum elong	-5169 Aug 01 j 16:06	28°♊38'55	1°38'20
	-5169 Aug 02 j 10:54	0°♋	
max. Earth dist.	-5169 Aug 08 j 19:31	10°♋42'22	1.42399 AU
evening rise	-5169 Aug 15 j 19:54	22°♋01'05	
desc. node	-5169 Aug 20 j 00:02	28°♋31'49	
	-5169 Aug 20 j 22:57	0°♌	
	-5169 Sep 10 j 21:45	0°♍	
greatest brilliancy	-5169 Sep 11 j 16:37	0°♍59'05	-0.4m
evening max el	-5169 Sep 16 j 13:46	6°♍33'12	21°49'14
retrograde	-5169 Sep 25 j 15:20	11°♍56'12	
evening set	-5169 Sep 29 j 22:00	10°♍15'52	
asc. node	-5169 Oct 03 j 16:38	6°♍09'12	
inferior conj	-5169 Oct 05 j 06:48	3°♍59'34	0°32'23
minimum elong	-5169 Oct 05 j 06:03	4°♍02'09	0°32'13
min. Earth dist.	-5169 Oct 05 j 11:20	3°♍43'57	0.67272 AU
	-5169 Oct 08 j 07:43	30°℞♌	
morning rise	-5169 Oct 10 j 13:53	27°♌41'47	
direct	-5169 Oct 15 j 08:54	25°♌43'00	
	-5169 Oct 23 j 15:15	0°♍	
morning max el	-5169 Oct 25 j 10:19	1°♍43'36	23°01'07
greatest brilliancy	-5169 Oct 30 j 09:15	7°♍18'24	-0.3m
	-5169 Nov 15 j 18:47	0°♎	
desc. node	-5169 Nov 16 j 00:13	0°♎20'26	
morning set	-5169 Nov 28 j 17:47	20°♎24'18	
max. Earth dist.	-5169 Dec 03 j 12:58	28°♎29'52	1.39944 AU
	-5169 Dec 04 j 09:52	0°♏	

superior conj	-5169 Dec 11 j 05:26	12°♏08'59	-1°-52'-18
minimum elong	-5169 Dec 11 j 04:57	12°♏06'47	1°52'29
evening rise	-5169 Dec 20 j 19:57	0°♐15'21	
	-5169 Dec 20 j 16:45	0°♐	
asc. node	-5169 Dec 30 j 15:17	17°♐56'33	
evening max el	-5168 Jan 06 j 01:20	26°♐18'36	18°28'11
	-5168 Jan 13 j 03:43	0°♑	
retrograde	-5168 Jan 13 j 14:22	0°♑00'45	
	-5168 Jan 14 j 01:03	30°℞♐	
evening set	-5168 Jan 16 j 02:09	29°♐37'47	
inferior conj	-5168 Jan 23 j 12:06	25°♐03'27	3°58'34
minimum elong	-5168 Jan 23 j 14:09	24°♐59'20	3°58'07
min. Earth dist.	-5168 Jan 26 j 20:48	22°♐22'05	0.58950 AU
morning rise	-5168 Jan 30 j 22:48	19°♐40'27	
direct	-5168 Feb 06 j 05:08	17°♐59'18	
desc. node	-5168 Feb 12 j 00:00	19°♐21'27	
morning max el	-5168 Feb 20 j 10:45	25°♐30'58	26°40'19
	-5168 Feb 24 j 15:23	0°♑	
	-5168 Mar 15 j 01:48	0°♒	
morning set	-5168 Mar 21 j 01:38	11°♒57'57	
asc. node	-5168 Mar 27 j 14:40	26°♒02'07	
superior conj	-5168 Mar 28 j 03:25	27°♒11'51	0°05'31
minimum elong	-5168 Mar 28 j 03:11	27°♒10'32	0°05'17
behind sun begin	-5168 Mar 27 j 22:27	26°♒44'39	
behind sun end	-5168 Mar 28 j 07:55	27°♒36'26	
max. Earth dist.	-5168 Mar 28 j 04:29	27°♒17'41	1.32643 AU
	-5168 Mar 29 j 10:10	0°♓	
evening rise	-5168 Apr 04 j 04:54	12°♓23'43	
	-5168 Apr 13 j 06:38	0°♈	
evening max el	-5168 May 03 j 13:58	28°♈15'32	26°28'47
	-5168 May 05 j 12:01	0°♉	
desc. node	-5168 May 09 j 22:26	3°♉13'20	
retrograde	-5168 May 17 j 16:01	5°♉35'58	
evening set	-5168 May 24 j 00:40	3°♉52'54	
min. Earth dist.	-5168 May 28 j 03:04	1°♉10'46	0.59740 AU
	-5168 May 29 j 15:09	30°℞♈	
inferior conj	-5168 May 31 j 12:16	28°♈29'00	-4°-8'-39
minimum elong	-5168 May 31 j 11:03	28°♈31'26	4°08'30
morning rise	-5168 Jun 08 j 01:06	23°♈52'24	
direct	-5168 Jun 10 j 12:30	23°♈30'03	
morning max el	-5168 Jun 18 j 00:27	27°♈06'35	18°18'57
	-5168 Jun 20 j 15:34	0°♉	
asc. node	-5168 Jun 23 j 14:34	4°♉04'42	
morning set	-5168 Jul 04 j 00:58	22°♉30'09	
	-5168 Jul 07 j 23:52	0°♊	
superior conj	-5168 Jul 13 j 13:15	10°♊19'46	1°48'41
minimum elong	-5168 Jul 13 j 14:22	10°♊24'49	1°48'55
max. Earth dist.	-5168 Jul 21 j 00:20	23°♊31'36	1.40603 AU
	-5168 Jul 24 j 20:30	0°♋	
evening rise	-5168 Jul 25 j 21:28	1°♋43'07	
desc. node	-5168 Aug 05 j 21:03	19°♋01'44	
	-5168 Aug 13 j 08:35	0°♌	
greatest brilliancy	-5168 Aug 23 j 17:04	13°♌48'25	-0.2m
evening max el	-5168 Aug 29 j 04:20	19°♌57'16	23°08'53
retrograde	-5168 Sep 08 j 08:49	25°♌59'34	
evening set	-5168 Sep 13 j 05:24	23°♌59'21	
inferior conj	-5168 Sep 18 j 13:20	17°♌39'40	0°-20'-44
minimum elong	-5168 Sep 18 j 13:48	17°♌38'02	0°20'21
min. Earth dist.	-5168 Sep 18 j 07:42	17°♌59'04	0.67372 AU
asc. node	-5168 Sep 19 j 13:46	16°♌16'06	
morning rise	-5168 Sep 23 j 22:13	11°♌24'49	
direct	-5168 Sep 28 j 03:10	9°♌46'58	
morning max el	-5168 Oct 07 j 00:55	15°♌04'15	21°37'44
greatest brilliancy	-5168 Oct 12 j 03:18	20°♌56'33	-0.4m
	-5168 Oct 18 j 21:27	0°♍	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-5168 Nov 01 j 21:05	20°♍41'06	
morning set	-5168 Nov 07 j 11:28	29°♍25'22	
	-5168 Nov 07 j 20:12	0°♎	
max. Earth dist.	-5168 Nov 14 j 14:03	10°♎54'49	1.41896 AU
superior conj	-5168 Nov 22 j 00:58	23°♎32'06	-1°-44'-9
minimum elong	-5168 Nov 21 j 21:10	23°♎15'36	1°44'02
	-5168 Nov 25 j 17:16	0°♏	
evening rise	-5168 Dec 02 j 23:44	13°♏09'17	
	-5168 Dec 12 j 12:31	0°♐	
asc. node	-5168 Dec 16 j 12:23	5°♐54'09	
evening max el	-5168 Dec 19 j 10:29	9°♐17'08	18°09'50
retrograde	-5168 Dec 26 j 07:06	12°♐47'11	
evening set	-5168 Dec 28 j 21:11	12°♐17'49	
inferior conj	-5167 Jan 04 j 17:59	7°♐21'38	4°05'51
minimum elong	-5167 Jan 04 j 17:13	7°♐23'25	4°05'33
min. Earth dist.	-5167 Jan 07 j 21:11	4°♐28'06	0.60931 AU
morning rise	-5167 Jan 11 j 10:40	1°♐41'00	
	-5167 Jan 14 j 19:12	30°℞♏	
direct	-5167 Jan 18 j 08:38	29°♏23'39	
	-5167 Jan 22 j 00:59	0°♐	
desc. node	-5167 Jan 28 j 21:03	3°♐53'21	
morning max el	-5167 Feb 01 j 10:41	7°♐02'49	27°28'25
	-5167 Feb 18 j 20:38	0°♑	
morning set	-5167 Mar 05 j 09:17	26°♑45'46	
	-5167 Mar 06 j 22:39	0°♒	
max. Earth dist.	-5167 Mar 11 j 17:22	10°♒14'41	1.32681 AU
superior conj	-5167 Mar 12 j 14:52	12°♒11'53	0°-19'-13
minimum elong	-5167 Mar 12 j 15:44	12°♒16'33	0°19'16
asc. node	-5167 Mar 14 j 11:38	16°♒16'06	
evening rise	-5167 Mar 19 j 15:26	27°♒21'48	
	-5167 Mar 20 j 21:47	0°♓	
	-5167 Apr 07 j 05:40	0°♈	
evening max el	-5167 Apr 15 j 09:40	9°♈30'26	25°16'14
desc. node	-5167 Apr 26 j 19:37	16°♈24'11	
retrograde	-5167 Apr 29 j 11:28	16°♈40'52	
evening set	-5167 May 04 j 17:53	15°♈36'04	
min. Earth dist.	-5167 May 09 j 22:13	12°♈44'45	0.57776 AU
inferior conj	-5167 May 13 j 01:11	10°♈35'22	-3°-40'-9
minimum elong	-5167 May 12 j 20:49	10°♈42'58	3°39'25
morning rise	-5167 May 21 j 03:57	6°♈19'09	
direct	-5167 May 23 j 14:20	6°♈01'10	
morning max el	-5167 Jun 01 j 04:49	10°♈03'17	18°58'13
asc. node	-5167 Jun 10 j 11:32	22°♈44'28	
	-5167 Jun 14 j 11:15	0°♉	
morning set	-5167 Jun 17 j 19:39	6°♉29'02	
superior conj	-5167 Jun 26 j 10:02	23°♉18'11	1°47'54
minimum elong	-5167 Jun 26 j 08:53	23°♉12'44	1°48'06
	-5167 Jun 29 j 23:16	0°♊	
max. Earth dist.	-5167 Jul 03 j 01:38	5°♊39'52	1.38671 AU
evening rise	-5167 Jul 07 j 01:36	12°♊43'13	
	-5167 Jul 17 j 14:16	0°♋	
desc. node	-5167 Jul 23 j 18:05	9°♋18'31	
	-5167 Aug 08 j 10:44	0°♌	
evening max el	-5167 Aug 11 j 15:38	3°♌24'09	24°29'26
retrograde	-5167 Aug 22 j 22:39	10°♌01'22	
evening set	-5167 Aug 28 j 10:16	7°♌41'40	
min. Earth dist.	-5167 Sep 02 j 02:54	2°♌16'14	0.67172 AU
inferior conj	-5167 Sep 02 j 19:02	1°♌22'01	-1°-13'-14
minimum elong	-5167 Sep 02 j 20:42	1°♌16'25	1°12'20
	-5167 Sep 03 j 19:40	30°℞♋	
asc. node	-5167 Sep 06 j 10:53	26°♋51'17	
morning rise	-5167 Sep 08 j 07:23	25°♋13'32	
direct	-5167 Sep 12 j 00:13	23°♋54'42	
morning max el	-5167 Sep 19 j 22:11	28°♋32'34	20°23'27
	-5167 Sep 21 j 06:47	0°♌	
greatest brilliancy	-5167 Sep 26 j 13:54	6°♌37'16	-0.6m
	-5167 Oct 12 j 11:45	0°♍	
morning set	-5167 Oct 17 j 11:23	7°♍40'41	
desc. node	-5167 Oct 19 j 17:56	11°♍12'54	
max. Earth dist.	-5167 Oct 27 j 22:40	24°♍11'25	1.43485 AU
	-5167 Oct 31 j 12:46	0°♎	
superior conj	-5167 Nov 02 j 18:10	3°♎39'06	-1°-20'-46
minimum elong	-5167 Nov 02 j 11:44	3°♎12'35	1°20'09
evening rise	-5167 Nov 15 j 11:19	25°♎16'05	
	-5167 Nov 18 j 04:30	0°♏	
evening max el	-5167 Dec 02 j 22:46	22°♏30'22	18°10'50
asc. node	-5167 Dec 03 j 09:30	22°♏56'45	
retrograde	-5167 Dec 09 j 12:30	26°♏00'24	
evening set	-5167 Dec 12 j 05:36	25°♏23'26	
inferior conj	-5167 Dec 18 j 15:35	20°♏06'04	3°50'37
minimum elong	-5167 Dec 18 j 13:01	20°♏12'49	3°50'02
min. Earth dist.	-5167 Dec 21 j 06:15	17°♏22'09	0.62799 AU
morning rise	-5167 Dec 24 j 18:37	14°♏12'24	
direct	-5167 Dec 31 j 20:33	11°♏31'23	
morning max el	-5166 Jan 14 j 16:09	19°♏13'08	27°40'54
desc. node	-5166 Jan 15 j 18:04	20°♏18'21	
	-5166 Jan 23 j 21:55	0°♐	
	-5166 Feb 11 j 16:33	0°♑	
morning set	-5166 Feb 17 j 11:25	11°♑13'05	
max. Earth dist.	-5166 Feb 23 j 02:03	22°♑53'23	1.33078 AU
superior conj	-5166 Feb 25 j 00:25	27°♑02'13	0°-43'-32
minimum elong	-5166 Feb 25 j 02:17	27°♑12'19	0°43'27
	-5166 Feb 26 j 09:19	0°♒	
asc. node	-5166 Mar 01 j 08:36	6°♒25'16	
evening rise	-5166 Mar 04 j 02:59	12°♒18'44	
	-5166 Mar 13 j 05:14	0°♓	
evening max el	-5166 Mar 28 j 02:02	20°♓19'10	23°46'11
retrograde	-5166 Apr 10 j 18:13	27°♓07'01	
desc. node	-5166 Apr 13 j 16:49	26°♓47'47	
evening set	-5166 Apr 14 j 17:35	26°♓32'14	
min. Earth dist.	-5166 Apr 21 j 13:47	23°♓19'31	0.56196 AU
inferior conj	-5166 Apr 23 j 18:04	22°♓00'08	-2°-34'-3
minimum elong	-5166 Apr 23 j 12:35	22°♓08'30	2°32'38
morning rise	-5166 May 02 j 11:11	17°♓58'45	
direct	-5166 May 04 j 21:39	17°♓43'32	
morning max el	-5166 May 15 j 00:07	22°♓25'42	19°57'49
	-5166 May 21 j 07:11	0°♈	
asc. node	-5166 May 28 j 08:29	11°♈56'37	
morning set	-5166 Jun 01 j 22:08	20°♈54'33	
	-5166 Jun 06 j 09:28	0°♉	
superior conj	-5166 Jun 09 j 21:06	7°♉01'51	1°38'55
minimum elong	-5166 Jun 09 j 18:43	6°♉49'58	1°38'53
max. Earth dist.	-5166 Jun 15 j 05:19	17°♉27'12	1.36842 AU
evening rise	-5166 Jun 19 j 05:55	24°♉56'06	
	-5166 Jun 22 j 01:56	0°♊	
desc. node	-5166 Jul 10 j 15:10	29°♊15'57	
	-5166 Jul 11 j 03:48	0°♋	
evening max el	-5166 Jul 25 j 02:14	16°♋54'08	25°43'07
retrograde	-5166 Aug 06 j 08:00	23°♋57'16	
evening set	-5166 Aug 12 j 10:41	21°♋21'01	
min. Earth dist.	-5166 Aug 16 j 18:29	16°♋33'25	0.66645 AU
inferior conj	-5166 Aug 17 j 22:08	15°♋04'41	-2°-3'-28
minimum elong	-5166 Aug 18 j 00:50	14°♋56'01	2°02'13
morning rise	-5166 Aug 23 j 15:34	9°♋05'59	
asc. node	-5166 Aug 24 j 07:59	8°♋42'37	
direct	-5166 Aug 26 j 22:26	8°♋03'25	
morning max el	-5166 Sep 03 j 02:34	12°♋09'30	19°22'24
greatest brilliancy	-5166 Sep 13 j 03:49	25°♋24'58	-0.7m

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5166 Sep 16 j 04:36	0°♌	
morning set	-5166 Sep 26 j 16:00	16°♌16'13	
	-5166 Oct 05 j 10:16	0°♍	
desc. node	-5166 Oct 06 j 14:48	1°♍52'10	
max. Earth dist.	-5166 Oct 10 j 13:44	8°♍06'44	1.44487 AU
superior conj	-5166 Oct 13 j 08:39	12°♍32'18	0°-41'-33
minimum elong	-5166 Oct 13 j 03:41	12°♍12'31	0°40'51
	-5166 Oct 24 j 04:08	0°♎	
evening rise	-5166 Oct 28 j 02:01	6°♎26'49	
	-5166 Nov 11 j 18:10	0°♏	
evening max el	-5166 Nov 16 j 11:25	5°♏52'28	18°30'20
asc. node	-5166 Nov 20 j 06:39	8°♏49'52	
retrograde	-5166 Nov 23 j 02:29	9°♏32'54	
evening set	-5166 Nov 25 j 23:59	8°♏46'37	
inferior conj	-5166 Dec 02 j 01:17	3°♏10'26	3°20'18
minimum elong	-5166 Dec 01 j 22:02	3°♏19'53	3°19'24
min. Earth dist.	-5166 Dec 04 j 01:23	0°♏50'58	0.64384 AU
	-5166 Dec 04 j 19:37	30°℞♎	
morning rise	-5166 Dec 07 j 18:48	27°♎06'30	
direct	-5166 Dec 14 j 15:21	24°♎17'05	
	-5166 Dec 25 j 23:49	0°♏	
morning max el	-5166 Dec 28 j 01:06	1°♏55'57	27°18'32
desc. node	-5165 Jan 02 j 15:03	8°♏04'47	
	-5165 Jan 18 j 02:07	0°♐	
morning set	-5165 Feb 01 j 05:14	25°♐10'49	
	-5165 Feb 03 j 15:31	0°♑	
max. Earth dist.	-5165 Feb 06 j 02:51	5°♑02'36	1.33878 AU
superior conj	-5165 Feb 09 j 06:12	11°♑36'38	-1°-6'-27
minimum elong	-5165 Feb 09 j 08:50	11°♑50'38	1°06'19
asc. node	-5165 Feb 16 j 05:38	26°♑25'17	
evening rise	-5165 Feb 16 j 13:52	27°♑08'26	
	-5165 Feb 17 j 22:59	0°♒	
	-5165 Mar 08 j 17:43	0°♓	
evening max el	-5165 Mar 09 j 20:29	1°♓06'13	22°12'25
retrograde	-5165 Mar 22 j 13:01	7°♓15'13	
evening set	-5165 Mar 25 j 11:24	6°♓56'14	
desc. node	-5165 Mar 31 j 14:01	4°♓34'23	
min. Earth dist.	-5165 Apr 03 j 03:56	3°♓09'27	0.55317 AU
inferior conj	-5165 Apr 03 j 18:45	2°♓48'31	0°-52'-19
minimum elong	-5165 Apr 03 j 16:22	2°♓51'53	0°51'41
	-5165 Apr 09 j 05:32	30°℞♒	
morning rise	-5165 Apr 12 j 22:50	28°♒49'46	
direct	-5165 Apr 15 j 13:57	28°♒34'05	
	-5165 Apr 21 j 13:33	0°♓	
morning max el	-5165 Apr 27 j 08:43	4°♓07'26	21°16'35
	-5165 May 14 j 10:49	0°♈	
asc. node	-5165 May 15 j 05:26	1°♈32'55	
morning set	-5165 May 17 j 05:53	5°♈39'18	
superior conj	-5165 May 24 j 18:16	21°♈18'27	1°24'03
minimum elong	-5165 May 24 j 15:31	21°♈04'13	1°23'47
max. Earth dist.	-5165 May 28 j 16:43	29°♈19'03	1.35288 AU
	-5165 May 29 j 00:55	0°♉	
evening rise	-5165 Jun 02 j 05:01	8°♉07'00	
	-5165 Jun 14 j 16:46	0°♊	
desc. node	-5165 Jun 27 j 12:18	18°♊45'10	
	-5165 Jul 07 j 04:22	0°♋	
evening max el	-5165 Jul 07 j 13:15	0°♋21'48	26°41'39
retrograde	-5165 Jul 20 j 12:29	7°♋40'35	
evening set	-5165 Jul 27 j 04:21	4°♋54'18	
min. Earth dist.	-5165 Jul 31 j 04:02	0°♋45'54	0.65760 AU
	-5165 Jul 31 j 19:26	30°℞♊	
inferior conj	-5165 Aug 01 j 20:39	28°♊44'05	-2°-49'-31
minimum elong	-5165 Aug 02 j 00:02	28°♊33'55	2°48'13
morning rise	-5165 Aug 07 j 20:43	22°♊58'29	
direct	-5165 Aug 10 j 19:52	22°♊09'06	
asc. node	-5165 Aug 11 j 05:04	22°♊09'55	
morning max el	-5165 Aug 17 j 12:44	25°♊52'17	18°36'47
	-5165 Aug 21 j 00:50	0°♋	
morning set	-5165 Sep 06 j 19:03	25°♋58'18	
	-5165 Sep 09 j 06:59	0°♌	
superior conj	-5165 Sep 22 j 08:15	20°♌46'46	0°07'12
minimum elong	-5165 Sep 22 j 09:13	20°♌50'35	0°07'17
behind sun begin	-5165 Sep 21 j 22:55	20°♌09'58	
behind sun end	-5165 Sep 22 j 19:30	21°♌31'10	
desc. node	-5165 Sep 23 j 11:41	22°♌34'58	
max. Earth dist.	-5165 Sep 23 j 07:40	22°♌19'07	1.44782 AU
	-5165 Sep 28 j 04:39	0°♍	
evening rise	-5165 Oct 08 j 15:47	16°♍32'20	
	-5165 Oct 17 j 03:46	0°♎	
evening max el	-5165 Oct 30 j 21:49	19°♎18'12	19°07'17
retrograde	-5165 Nov 06 j 21:26	23°♎18'03	
asc. node	-5165 Nov 07 j 03:50	23°♎17'38	
evening set	-5165 Nov 10 j 01:16	22°♎20'13	
inferior conj	-5165 Nov 15 j 19:47	16°♎28'26	2°40'03
minimum elong	-5165 Nov 15 j 16:40	16°♎38'12	2°39'01
min. Earth dist.	-5165 Nov 17 j 05:58	14°♎41'09	0.65620 AU
morning rise	-5165 Nov 21 j 07:09	10°♎16'48	
direct	-5165 Nov 27 j 16:27	7°♎32'04	
morning max el	-5165 Dec 10 j 11:00	14°♎59'15	26°26'55
desc. node	-5165 Dec 20 j 12:00	26°♎48'25	
	-5165 Dec 22 j 20:37	0°♏	
	-5164 Jan 10 j 20:02	0°♐	
morning set	-5164 Jan 15 j 11:01	8°♐27'39	
max. Earth dist.	-5164 Jan 19 j 16:39	16°♐37'18	1.35112 AU
superior conj	-5164 Jan 24 j 06:00	25°♐48'16	-1°-26'-38
minimum elong	-5164 Jan 24 j 08:57	26°♐03'30	1°26'35
	-5164 Jan 26 j 06:44	0°♑	
evening rise	-5164 Jan 31 j 22:19	11°♑44'58	
asc. node	-5164 Feb 03 j 02:41	16°♑11'31	
	-5164 Feb 10 j 13:51	0°♒	
evening max el	-5164 Feb 19 j 22:42	12°♒16'34	20°47'12
retrograde	-5164 Mar 02 j 03:03	17°♒35'19	
evening set	-5164 Mar 04 j 13:21	17°♒21'15	
inferior conj	-5164 Mar 13 j 14:30	13°♒23'15	1°02'59
minimum elong	-5164 Mar 13 j 17:16	13°♒19'15	1°01'50
min. Earth dist.	-5164 Mar 14 j 18:08	12°♒43'24	0.55338 AU
desc. node	-5164 Mar 17 j 11:12	11°♒13'56	
morning rise	-5164 Mar 22 j 19:44	9°♒08'58	
direct	-5164 Mar 26 j 02:23	8°♒45'35	
morning max el	-5164 Apr 08 j 07:11	15°♒10'46	22°50'00
	-5164 Apr 19 j 18:06	0°♓	
morning set	-5164 Apr 30 j 16:51	20°♓36'55	
asc. node	-5164 May 01 j 02:25	21°♓26'53	
	-5164 May 05 j 03:10	0°♈	
superior conj	-5164 May 07 j 22:26	5°♈58'30	1°05'04
minimum elong	-5164 May 07 j 19:56	5°♈45'17	1°04'40
max. Earth dist.	-5164 May 10 j 14:03	11°♈33'20	1.34090 AU
evening rise	-5164 May 15 j 17:54	22°♈01'46	
	-5164 May 19 j 21:48	0°♉	
	-5164 Jun 07 j 11:26	0°♊	
desc. node	-5164 Jun 13 j 09:27	7°♊34'26	
evening max el	-5164 Jun 19 j 00:18	13°♊38'40	27°17'23
retrograde	-5164 Jul 02 j 11:46	21°♊04'13	
evening set	-5164 Jul 09 j 12:31	18°♊18'27	
min. Earth dist.	-5164 Jul 13 j 05:38	14°♊47'08	0.64491 AU
inferior conj	-5164 Jul 15 j 12:17	12°♊17'02	-3°-28'-51
minimum elong	-5164 Jul 15 j 15:46	12°♊07'28	3°27'49
morning rise	-5164 Jul 21 j 20:34	6°♊47'30	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

direct	-5164 Jul 24 j 14:09	6°♊08'23		
asc. node	-5164 Jul 28 j 02:09	7°♊11'39		
morning max el	-5164 Jul 31 j 02:29	9°♊37'25	18°08'03	
	-5164 Aug 13 j 22:12	0°♋		
morning set	-5164 Aug 18 j 01:06	6°♋57'43		
superior conj	-5164 Aug 31 j 15:43	29°♋28'18	0°52'58	
minimum elong	-5164 Aug 31 j 21:16	29°♋50'40	0°52'35	
	-5164 Aug 31 j 23:35	0°♌		
max. Earth dist.	-5164 Sep 05 j 00:45	6°♌28'31	1.44355 AU	
desc. node	-5164 Sep 09 j 08:36	13°♌18'39		
evening rise	-5164 Sep 17 j 06:01	25°♌37'00		
	-5164 Sep 20 j 02:04	0°♍		
greatest brilliancy	-5164 Oct 05 j 19:28	23°♍34'06	-0.6m	
	-5164 Oct 10 j 17:01	0°♎		
evening max el	-5164 Oct 13 j 03:45	2°♎44'43	20°00'08	
retrograde	-5164 Oct 20 j 18:27	7°♎11'51		
evening set	-5164 Oct 24 j 06:53	5°♎59'46		
asc. node	-5164 Oct 24 j 01:01	6°♎09'27		
inferior conj	-5164 Oct 29 j 20:21	29°♍55'53	1°53'20	
minimum elong	-5164 Oct 29 j 17:55	0°♎03'56	1°52'27	
	-5164 Oct 29 j 19:07	30°℞♍		
min. Earth dist.	-5164 Oct 30 j 18:06	28°♍43'46	0.66512 AU	
morning rise	-5164 Nov 04 j 04:19	23°♍39'25		
direct	-5164 Nov 09 j 23:20	21°♍08'41		
morning max el	-5164 Nov 21 j 20:06	28°♍11'09	25°14'24	
	-5164 Nov 23 j 13:51	0°♎		
desc. node	-5164 Dec 06 j 08:55	16°♎12'23		
	-5164 Dec 15 j 14:32	0°♏		
morning set	-5164 Dec 27 j 23:43	20°♏48'44		
max. Earth dist.	-5164 Dec 31 j 19:03	27°♏46'46	1.36776 AU	
	-5163 Jan 01 j 23:24	0°♐		
superior conj	-5163 Jan 06 j 20:53	9°♐28'23	-1°-42'-23	
minimum elong	-5163 Jan 06 j 23:25	9°♐40'52	1°42'30	
evening rise	-5163 Jan 15 j 02:16	26°♐01'48		
	-5163 Jan 17 j 01:57	0°♑		
asc. node	-5163 Jan 19 j 23:46	5°♑37'51		
evening max el	-5163 Feb 01 j 11:21	24°♑01'48	19°37'56	
retrograde	-5163 Feb 10 j 23:45	28°♑32'05		
evening set	-5163 Feb 13 j 08:27	28°♑16'42		
inferior conj	-5163 Feb 21 j 19:15	24°♑12'17	2°40'04	
minimum elong	-5163 Feb 22 j 00:26	24°♑03'59	2°38'27	
min. Earth dist.	-5163 Feb 24 j 08:47	22°♑34'26	0.56261 AU	
morning rise	-5163 Mar 02 j 12:58	19°♑30'10		
desc. node	-5163 Mar 04 j 08:22	19°♑01'36		
direct	-5163 Mar 06 j 23:20	18°♑45'53		
morning max el	-5163 Mar 20 j 23:04	25°♑49'30	24°28'36	
	-5163 Mar 24 j 21:10	0°♒		
	-5163 Apr 12 j 11:06	0°♓		
morning set	-5163 Apr 15 j 05:07	5°♓39'50		
asc. node	-5163 Apr 17 j 23:23	11°♓32'06		
superior conj	-5163 Apr 22 j 07:00	20°♓52'25	0°43'15	
minimum elong	-5163 Apr 22 j 05:12	20°♓42'41	0°42'49	
max. Earth dist.	-5163 Apr 23 j 20:01	24°♓11'50	1.33259 AU	
	-5163 Apr 26 j 13:32	0°♈		
evening rise	-5163 Apr 29 j 16:23	6°♈26'19		
	-5163 May 12 j 11:36	0°♉		
desc. node	-5163 May 31 j 06:39	25°♉25'40		
evening max el	-5163 Jun 01 j 09:37	26°♉32'08	27°24'09	
	-5163 Jun 05 j 10:35	0°♊		
retrograde	-5163 Jun 15 j 05:05	3°♊57'51		
evening set	-5163 Jun 22 j 07:37	1°♊26'24		
	-5163 Jun 24 j 03:50	30°℞♉		
min. Earth dist.	-5163 Jun 25 j 21:51	28°♉24'54	0.62847 AU	
inferior conj	-5163 Jun 28 j 18:11	25°♉36'40	-3°-57'-55	
minimum elong	-5163 Jun 28 j 20:48	25°♉30'11	3°57'22	
morning rise	-5163 Jul 05 j 12:13	20°♉25'58		
direct	-5163 Jul 08 j 02:18	19°♉54'35		
morning max el	-5163 Jul 14 j 17:10	23°♉18'25	17°57'17	
asc. node	-5163 Jul 14 j 23:12	23°♉33'30		
	-5163 Jul 20 j 00:19	0°♊		
morning set	-5163 Jul 31 j 06:36	19°♊04'07		
	-5163 Aug 06 j 11:53	0°♋		
superior conj	-5163 Aug 11 j 23:31	9°♋22'34	1°26'07	
minimum elong	-5163 Aug 12 j 04:57	9°♋45'26	1°25'54	
max. Earth dist.	-5163 Aug 18 j 14:21	20°♋18'08	1.43269 AU	
	-5163 Aug 24 j 16:11	0°♌		
evening rise	-5163 Aug 27 j 09:14	4°♌14'19		
desc. node	-5163 Aug 27 j 05:34	4°♌00'03		
	-5163 Sep 13 j 13:19	0°♍		
greatest brilliancy	-5163 Sep 20 j 16:38	9°♍46'42	-0.5m	
evening max el	-5163 Sep 26 j 03:46	16°♍10'38	21°06'27	
retrograde	-5163 Oct 04 j 15:16	21°♍11'36		
evening set	-5163 Oct 08 j 14:38	19°♍42'24		
asc. node	-5163 Oct 10 j 22:10	17°♍29'41		
inferior conj	-5163 Oct 14 j 00:42	13°♍29'53	1°02'38	
minimum elong	-5163 Oct 13 j 23:17	13°♍34'43	1°02'09	
min. Earth dist.	-5163 Oct 14 j 11:20	12°♍53'30	0.67083 AU	
morning rise	-5163 Oct 19 j 07:33	7°♍11'40		
direct	-5163 Oct 24 j 11:19	5°♍00'23		
morning max el	-5163 Nov 04 j 05:01	11°♍25'27	23°50'38	
	-5163 Nov 19 j 00:48	0°♎		
desc. node	-5163 Nov 23 j 05:48	6°♎04'51		
	-5163 Dec 08 j 09:32	0°♏		
morning set	-5163 Dec 09 j 13:18	1°♏57'39		
max. Earth dist.	-5163 Dec 13 j 15:15	9°♏02'42	1.38756 AU	
superior conj	-5163 Dec 20 j 23:03	22°♏26'25	-1°-51'-23	
minimum elong	-5163 Dec 21 j 00:02	22°♏31'06	1°51'35	
	-5163 Dec 24 j 21:50	0°♐		
evening rise	-5163 Dec 29 j 23:17	9°♐52'30		
asc. node	-5162 Jan 06 j 20:51	24°♐37'17		
	-5162 Jan 10 j 05:35	0°♑		
evening max el	-5162 Jan 15 j 09:51	6°♑21'25	18°47'53	
retrograde	-5162 Jan 23 j 12:49	10°♑16'20		
evening set	-5162 Jan 25 j 23:35	9°♑56'25		
inferior conj	-5162 Feb 02 j 18:11	5°♑34'29	3°40'36	
minimum elong	-5162 Feb 02 j 21:56	5°♑27'35	3°39'45	
min. Earth dist.	-5162 Feb 06 j 00:45	3°♑10'42	0.57862 AU	
morning rise	-5162 Feb 10 j 16:39	0°♑25'00		
	-5162 Feb 11 j 16:45	30°℞♐		
direct	-5162 Feb 16 j 09:09	29°♐06'18		
desc. node	-5162 Feb 19 j 05:29	29°♐25'59		
	-5162 Feb 21 j 02:44	0°♑		
morning max el	-5162 Mar 02 j 14:28	6°♑30'33	25°58'24	
	-5162 Mar 19 j 21:43	0°♒		
morning set	-5162 Mar 30 j 16:59	20°♒42'05		
	-5162 Apr 04 j 01:13	0°♓		
asc. node	-5162 Apr 04 j 20:20	1°♓44'05		
superior conj	-5162 Apr 06 j 18:00	5°♓53'26	0°19'36	
minimum elong	-5162 Apr 06 j 17:09	5°♓48'47	0°19'17	
max. Earth dist.	-5162 Apr 07 j 07:41	7°♓08'06	1.32778 AU	
evening rise	-5162 Apr 13 j 21:23	21°♓10'27		
	-5162 Apr 18 j 07:08	0°♈		
	-5162 May 06 j 19:26	0°♉		
evening max el	-5162 May 14 j 14:49	8°♉50'39	26°58'17	
desc. node	-5162 May 18 j 03:52	11°♉54'29		
retrograde	-5162 May 28 j 15:02	16°♉12'54		
evening set	-5162 Jun 04 j 09:35	14°♉09'28		
min. Earth dist.	-5162 Jun 08 j 04:20	11°♉24'55	0.60916 AU	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

inferior conj	-5162 Jun 11 j 10:56	8°♉35'04	-4°-11'-12	
minimum elong	-5162 Jun 11 j 11:27	8°♉33'56	4°11'03	
morning rise	-5162 Jun 18 j 16:22	3°♉45'24		
direct	-5162 Jun 21 j 04:34	3°♉20'00		
morning max el	-5162 Jun 28 j 06:01	6°♉48'30	18°05'24	
asc. node	-5162 Jul 01 j 20:12	10°♉59'43		
	-5162 Jul 13 j 03:27	0°♊		
morning set	-5162 Jul 14 j 06:07	2°♊03'21		
superior conj	-5162 Jul 24 j 10:42	20°♊38'18	1°44'16	
minimum elong	-5162 Jul 24 j 13:27	20°♊50'32	1°44'25	
	-5162 Jul 29 j 20:10	0°♋		
max. Earth dist.	-5162 Jul 31 j 22:57	3°♋34'09	1.41673 AU	
evening rise	-5162 Aug 06 j 22:00	13°♋19'53		
desc. node	-5162 Aug 14 j 02:33	24°♋35'30		
	-5162 Aug 17 j 16:18	0°♌		
greatest brilliancy	-5162 Sep 04 j 04:11	24°♌16'35	-0.3m	
evening max el	-5162 Sep 08 j 21:34	29°♌35'28	22°22'38	
	-5162 Sep 09 j 07:22	0°♍		
retrograde	-5162 Sep 18 j 10:13	5°♍14'39		
evening set	-5162 Sep 22 j 22:40	3°♍26'01		
	-5162 Sep 26 j 03:52	30°℞♌		
asc. node	-5162 Sep 27 j 19:19	27°♌48'11		
inferior conj	-5162 Sep 28 j 06:55	27°♌08'08	0°09'53	
minimum elong	-5162 Sep 28 j 06:41	27°♌08'57	0°09'57	
transit middle	-5162 Sep 28 j 06:41	27°♌08'57	0°09'57	
transit begin	-5162 Sep 28 j 04:33	27°♌16'21		
transit end	-5162 Sep 28 j 08:50	27°♌01'33		
min. Earth dist.	-5162 Sep 28 j 07:09	27°♌07'21	0.67355 AU	
morning rise	-5162 Oct 03 j 14:34	20°♌51'21		
direct	-5162 Oct 08 j 03:32	19°♌01'26		
morning max el	-5162 Oct 17 j 16:37	24°♌42'51	22°24'53	
	-5162 Oct 22 j 08:55	0°♍		
greatest brilliancy	-5162 Oct 22 j 10:12	0°♍03'56	-0.3m	
desc. node	-5162 Nov 10 j 02:38	26°♍17'04		
	-5162 Nov 12 j 12:53	0°♎		
morning set	-5162 Nov 19 j 22:44	11°♎42'53		
max. Earth dist.	-5162 Nov 25 j 13:23	20°♎59'36	1.40810 AU	
	-5162 Nov 30 j 18:53	0°♏		
superior conj	-5162 Dec 03 j 07:24	4°♏28'22	-1°-50'-32	
minimum elong	-5162 Dec 03 j 05:35	4°♏20'14	1°50'37	
evening rise	-5162 Dec 13 j 10:21	23°♏09'23		
	-5162 Dec 17 j 02:27	0°♐		
asc. node	-5162 Dec 24 j 17:57	13°♐00'23		
evening max el	-5162 Dec 29 j 15:51	19°♐07'40	18°17'55	
retrograde	-5161 Jan 05 j 20:26	22°♐42'51		
evening set	-5161 Jan 08 j 09:18	22°♐17'08		
inferior conj	-5161 Jan 15 j 13:20	17°♐33'16	4°04'57	
minimum elong	-5161 Jan 15 j 14:06	17°♐31'37	4°04'39	
min. Earth dist.	-5161 Jan 18 j 20:48	14°♐44'08	0.59798 AU	
morning rise	-5161 Jan 22 j 15:55	12°♐02'19		
direct	-5161 Jan 29 j 06:29	10°♐04'59		
desc. node	-5161 Feb 06 j 02:32	12°♐35'32		
morning max el	-5161 Feb 12 j 10:40	17°♐39'29	27°04'57	
	-5161 Feb 22 j 18:05	0°♑		
	-5161 Mar 12 j 08:35	0°♒		
morning set	-5161 Mar 15 j 02:44	5°♒37'02		
superior conj	-5161 Mar 22 j 05:45	20°♒55'12	0°-4'-59	
minimum elong	-5161 Mar 22 j 05:58	20°♒56'27	0°05'09	
behind sun begin	-5161 Mar 22 j 01:13	20°♒30'25		
behind sun end	-5161 Mar 22 j 10:44	21°♒22'29		
max. Earth dist.	-5161 Mar 21 j 21:21	20°♒09'18	1.32622 AU	
asc. node	-5161 Mar 22 j 17:18	21°♒58'24		
	-5161 Mar 26 j 09:46	0°♓		
evening rise	-5161 Mar 29 j 06:28	6°♓05'25		

	-5161 Apr 11 j 00:04	0°♈		
evening max el	-5161 Apr 26 j 13:53	20°♈27'29	26°00'52	
desc. node	-5161 May 05 j 01:04	26°♈28'30		
retrograde	-5161 May 10 j 16:07	27°♈43'58		
evening set	-5161 May 16 j 15:00	26°♈17'23		
min. Earth dist.	-5161 May 21 j 02:32	23°♈33'22	0.58882 AU	
inferior conj	-5161 May 24 j 10:55	21°♈02'58	-4°00'-45	
minimum elong	-5161 May 24 j 08:18	21°♈07'55	4°00'26	
morning rise	-5161 Jun 01 j 05:29	16°♈35'21		
direct	-5161 Jun 03 j 16:38	16°♈14'50		
morning max el	-5161 Jun 11 j 14:17	20°♈00'09	18°33'13	
asc. node	-5161 Jun 18 j 17:10	29°♈16'18		
	-5161 Jun 19 j 03:57	0°♉		
morning set	-5161 Jun 27 j 18:55	15°♉43'40		
	-5161 Jul 05 j 05:33	0°♊		
superior conj	-5161 Jul 06 j 20:56	3°♊04'30	1°49'32	
minimum elong	-5161 Jul 06 j 20:58	3°♊04'40	1°49'47	
max. Earth dist.	-5161 Jul 14 j 02:20	16°♊07'25	1.39782 AU	
evening rise	-5161 Jul 18 j 10:43	23°♊34'38		
	-5161 Jul 22 j 08:05	0°♋		
desc. node	-5161 Jul 31 j 23:36	15°♋01'05		
	-5161 Aug 11 j 13:05	0°♌		
evening max el	-5161 Aug 22 j 10:27	13°♌01'01	23°43'24	
retrograde	-5161 Sep 02 j 02:12	19°♌18'38		
evening set	-5161 Sep 07 j 05:14	17°♌09'43		
min. Earth dist.	-5161 Sep 12 j 03:13	11°♌24'10	0.67329 AU	
inferior conj	-5161 Sep 12 j 13:18	10°♌49'44	0°-43'-9	
minimum elong	-5161 Sep 12 j 14:18	10°♌46'21	0°42'32	
asc. node	-5161 Sep 14 j 16:25	8°♌00'25		
morning rise	-5161 Sep 17 j 23:29	4°♌37'29		
direct	-5161 Sep 21 j 23:03	3°♌08'07		
morning max el	-5161 Sep 30 j 10:00	8°♌07'26	21°04'49	
greatest brilliancy	-5161 Oct 06 j 00:47	14°♌42'52	-0.5m	
	-5161 Oct 16 j 22:17	0°♍		
desc. node	-5161 Oct 27 j 23:30	16°♍43'30		
morning set	-5161 Oct 30 j 06:46	20°♍18'33		
	-5161 Nov 05 j 09:24	0°♎		
max. Earth dist.	-5161 Nov 07 j 18:13	3°♎50'04	1.42639 AU	
superior conj	-5161 Nov 14 j 16:14	15°♎20'19	-1°-36'-14	
minimum elong	-5161 Nov 14 j 11:03	14°♎58'19	1°35'54	
	-5161 Nov 23 j 02:33	0°♏		
evening rise	-5161 Nov 26 j 07:50	5°♏44'59		
	-5161 Dec 11 j 02:57	0°♐		
asc. node	-5161 Dec 11 j 15:03	0°♐36'17		
evening max el	-5161 Dec 13 j 02:35	2°♐12'56	18°07'49	
retrograde	-5161 Dec 19 j 19:18	5°♐41'56		
evening set	-5161 Dec 22 j 10:28	5°♐09'31		
inferior conj	-5161 Dec 29 j 02:22	0°♐03'46	4°01'37	
minimum elong	-5161 Dec 29 j 00:41	0°♐07'53	4°01'14	
	-5161 Dec 29 j 03:54	30°℞♏		
min. Earth dist.	-5160 Jan 01 j 00:36	27°♏12'10	0.61754 AU	
morning rise	-5160 Jan 04 j 12:40	24°♏16'56		
direct	-5160 Jan 11 j 13:26	21°♏48'00		
desc. node	-5160 Jan 23 j 23:33	27°♏59'54		
morning max el	-5160 Jan 25 j 13:21	29°♏28'42	27°38'13	
	-5160 Jan 26 j 02:00	0°♐		
	-5160 Feb 16 j 14:39	0°♑		
morning set	-5160 Feb 27 j 08:20	20°♑17'16		
	-5160 Mar 02 j 23:29	0°♒		
max. Earth dist.	-5160 Mar 04 j 09:03	3°♒00'44	1.32804 AU	
superior conj	-5160 Mar 05 j 16:34	5°♒51'36	0°-29'-39	
minimum elong	-5160 Mar 05 j 17:53	5°♒58'42	0°29'38	
asc. node	-5160 Mar 08 j 14:16	12°♒10'45		
evening rise	-5160 Mar 12 j 17:39	21°♒03'39		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5160 Mar 17 j 02:55	0°♓	
	-5160 Apr 05 j 20:11	0°♈	
evening max el	-5160 Apr 07 j 07:23	1°♈27'48	24°39'13
desc. node	-5160 Apr 20 j 22:16	8°♈30'55	
retrograde	-5160 Apr 21 j 06:28	8°♈31'11	
evening set	-5160 Apr 25 j 23:52	7°♈40'28	
min. Earth dist.	-5160 May 01 j 19:32	4°♈41'33	0.57032 AU
inferior conj	-5160 May 04 j 15:12	2°♈51'30	-3°-16'-59
minimum elong	-5160 May 04 j 09:56	3°♈00'08	3°15'52
	-5160 May 09 j 11:16	30°℞♓	
morning rise	-5160 May 13 j 00:13	28°♓43'08	
direct	-5160 May 15 j 10:24	28°♓26'37	
	-5160 May 20 j 23:56	0°♈	
morning max el	-5160 May 24 j 15:10	2°♈43'39	19°21'14
asc. node	-5160 Jun 04 j 14:08	18°♈10'58	
morning set	-5160 Jun 10 j 17:16	29°♈54'48	
	-5160 Jun 10 j 18:19	0°♉	
superior conj	-5160 Jun 19 j 00:24	16°♉24'12	1°44'58
minimum elong	-5160 Jun 18 j 22:37	16°♉15'30	1°45'03
max. Earth dist.	-5160 Jun 25 j 03:42	28°♉03'06	1.37859 AU
	-5160 Jun 26 j 05:14	0°♊	
evening rise	-5160 Jun 29 j 01:40	5°♊06'53	
	-5160 Jul 14 j 08:06	0°♋	
desc. node	-5160 Jul 17 j 20:41	5°♋10'48	
evening max el	-5160 Aug 03 j 20:58	26°♋28'38	25°02'01
	-5160 Aug 07 j 20:32	0°♌	
retrograde	-5160 Aug 15 j 14:20	3°♌18'47	
evening set	-5160 Aug 21 j 08:29	0°♌51'13	
	-5160 Aug 22 j 06:23	30°℞♋	
min. Earth dist.	-5160 Aug 25 j 21:09	25°♋41'42	0.66987 AU
inferior conj	-5160 Aug 26 j 18:07	24°♋32'23	-1°-34'-56
minimum elong	-5160 Aug 26 j 20:15	24°♋25'20	1°33'51
asc. node	-5160 Aug 31 j 13:31	19°♋03'23	
morning rise	-5160 Sep 01 j 08:27	18°♋27'49	
direct	-5160 Sep 04 j 20:41	17°♋16'30	
morning max el	-5160 Sep 12 j 10:28	21°♋40'03	19°55'44
	-5160 Sep 19 j 04:54	0°♌	
greatest brilliancy	-5160 Sep 20 j 02:44	1°♌15'55	-0.6m
morning set	-5160 Oct 08 j 05:48	28°♌34'44	
	-5160 Oct 09 j 03:47	0°♍	
desc. node	-5160 Oct 13 j 20:24	7°♍19'16	
max. Earth dist.	-5160 Oct 20 j 05:40	17°♍24'40	1.43987 AU
superior conj	-5160 Oct 24 j 21:34	24°♍54'11	-1°-5'-53
minimum elong	-5160 Oct 24 j 15:04	24°♍27'54	1°05'09
	-5160 Oct 28 j 00:34	0°♎	
evening rise	-5160 Nov 07 j 11:11	17°♎29'44	
	-5160 Nov 14 j 19:58	0°♏	
evening max el	-5160 Nov 25 j 15:21	15°♏30'58	18°16'53
asc. node	-5160 Nov 27 j 12:10	17°♏11'43	
retrograde	-5160 Dec 02 j 04:54	19°♏04'35	
evening set	-5160 Dec 04 j 23:33	18°♏24'04	
inferior conj	-5160 Dec 11 j 05:37	12°♏58'28	3°39'15
minimum elong	-5160 Dec 11 j 02:38	13°♏06'40	3°38'31
min. Earth dist.	-5160 Dec 13 j 14:12	10°♏23'15	0.63509 AU
morning rise	-5160 Dec 17 j 04:05	6°♏59'48	
direct	-5160 Dec 24 j 04:34	4°♏13'13	
morning max el	-5159 Jan 06 j 20:52	11°♏55'36	27°35'24
desc. node	-5159 Jan 09 j 20:34	15°♏03'40	
	-5159 Jan 21 j 08:10	0°♐	
	-5159 Feb 07 j 23:29	0°♑	
morning set	-5159 Feb 10 j 07:24	4°♑34'26	
max. Earth dist.	-5159 Feb 15 j 14:51	15°♑28'47	1.33361 AU
superior conj	-5159 Feb 18 j 00:49	20°♑36'54	0°-53'-30
minimum elong	-5159 Feb 18 j 03:04	20°♑48'55	0°53'23

	-5159 Feb 22 j 09:37	0°♒	
asc. node	-5159 Feb 23 j 11:16	2°♒17'08	
evening rise	-5159 Feb 25 j 05:11	5°♒58'55	
	-5159 Mar 10 j 04:58	0°♓	
evening max el	-5159 Mar 19 j 23:52	12°♓13'10	23°05'59
retrograde	-5159 Apr 02 j 08:22	18°♓47'08	
evening set	-5159 Apr 05 j 19:25	18°♓20'55	
desc. node	-5159 Apr 07 j 19:26	17°♓43'28	
min. Earth dist.	-5159 Apr 13 j 10:38	14°♓55'16	0.55715 AU
inferior conj	-5159 Apr 15 j 00:23	14°♓00'02	-1°-54'-29
minimum elong	-5159 Apr 14 j 19:42	14°♓06'54	1°53'09
morning rise	-5159 Apr 23 j 22:56	10°♓01'39	
direct	-5159 Apr 26 j 10:09	9°♓46'58	
morning max el	-5159 May 07 j 06:12	14°♓50'27	20°29'09
	-5159 May 18 j 09:00	0°♈	
asc. node	-5159 May 22 j 11:09	7°♈34'42	
morning set	-5159 May 25 j 22:17	14°♈29'28	
	-5159 Jun 02 j 11:36	0°♉	
superior conj	-5159 Jun 02 j 16:16	0°♉23'40	1°33'14
minimum elong	-5159 Jun 02 j 13:38	0°♉10'20	1°33'05
max. Earth dist.	-5159 Jun 07 j 09:44	9°♉47'43	1.36138 AU
evening rise	-5159 Jun 11 j 14:42	17°♉46'50	
	-5159 Jun 18 j 11:45	0°♊	
desc. node	-5159 Jul 04 j 17:47	24°♊57'30	
	-5159 Jul 08 j 13:26	0°♋	
evening max el	-5159 Jul 17 j 07:37	9°♋58'13	26°10'21
retrograde	-5159 Jul 29 j 21:51	17°♋09'59	
evening set	-5159 Aug 05 j 06:21	14°♋28'29	
min. Earth dist.	-5159 Aug 09 j 10:34	9°♋57'19	0.66310 AU
inferior conj	-5159 Aug 10 j 19:33	8°♋14'08	-2°-23'-40
minimum elong	-5159 Aug 10 j 22:36	8°♋04'36	2°22'22
morning rise	-5159 Aug 16 j 15:36	2°♋20'26	
asc. node	-5159 Aug 18 j 10:39	1°♋34'15	
direct	-5159 Aug 19 j 18:49	1°♋23'57	
morning max el	-5159 Aug 26 j 17:30	5°♋19'41	19°00'56
	-5159 Sep 12 j 23:33	0°♌	
morning set	-5159 Sep 17 j 18:28	7°♌34'24	
desc. node	-5159 Sep 30 j 17:17	28°♌00'29	
	-5159 Oct 01 j 23:37	0°♍	
max. Earth dist.	-5159 Oct 02 j 21:44	1°♍27'16	1.44697 AU
superior conj	-5159 Oct 04 j 03:24	3°♍24'24	0°-21'-23
minimum elong	-5159 Oct 04 j 00:40	3°♍13'34	0°20'53
evening rise	-5159 Oct 19 j 15:33	28°♍12'59	
	-5159 Oct 20 j 17:54	0°♎	
evening max el	-5159 Nov 09 j 03:23	28°♎55'31	18°44'05
	-5159 Nov 10 j 06:04	0°♏	
asc. node	-5159 Nov 14 j 09:20	2°♏30'39	
retrograde	-5159 Nov 15 j 21:18	2°♏43'06	
evening set	-5159 Nov 18 j 21:13	1°♏52'20	
	-5159 Nov 21 j 08:10	30°℞♎	
inferior conj	-5159 Nov 24 j 19:26	26°♎09'25	3°04'13
minimum elong	-5159 Nov 24 j 16:09	26°♎19'17	3°03'14
min. Earth dist.	-5159 Nov 26 j 13:34	24°♎02'45	0.64952 AU
morning rise	-5159 Nov 30 j 09:57	20°♎01'58	
direct	-5159 Dec 07 j 02:25	17°♎12'44	
morning max el	-5159 Dec 20 j 06:20	24°♎48'23	26°59'40
	-5159 Dec 25 j 00:49	0°♏	
desc. node	-5159 Dec 27 j 17:32	3°♏17'08	
	-5158 Jan 14 j 17:52	0°♐	
morning set	-5158 Jan 24 j 20:38	18°♐16'45	
max. Earth dist.	-5158 Jan 29 j 10:58	27°♐22'17	1.34346 AU
	-5158 Jan 30 j 17:53	0°♑	
superior conj	-5158 Feb 02 j 04:24	5°♑03'07	-1°-15'-26
minimum elong	-5158 Feb 02 j 07:15	5°♑18'02	1°15'19

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening rise	-5158 Feb 09 j 15:16	20°♓43'57	
asc. node	-5158 Feb 10 j 08:18	22°♓12'07	
	-5158 Feb 14 j 05:40	0°♒	
evening max el	-5158 Mar 01 j 21:16	23°♒08'38	21°34'38
retrograde	-5158 Mar 13 j 23:33	28°♒56'20	
evening set	-5158 Mar 16 j 15:03	28°♒40'34	
inferior conj	-5158 Mar 25 j 21:19	24°♒39'34	0°-3'-12
minimum elong	-5158 Mar 25 j 21:09	24°♒39'47	0°03'21
transit middle	-5158 Mar 25 j 21:09	24°♒39'47	0°03'21
transit begin	-5158 Mar 25 j 17:08	24°♒45'27	
transit end	-5158 Mar 26 j 01:10	24°♒34'08	
desc. node	-5158 Mar 25 j 16:37	24°♒46'10	
min. Earth dist.	-5158 Mar 26 j 01:01	24°♒34'21	0.55215 AU
morning rise	-5158 Apr 04 j 03:21	20°♒35'58	
direct	-5158 Apr 06 j 23:35	20°♒18'05	
morning max el	-5158 Apr 19 j 10:11	26°♒14'47	21°54'50
	-5158 Apr 22 j 23:00	0°♓	
asc. node	-5158 May 09 j 08:08	27°♓19'15	
morning set	-5158 May 10 j 07:39	29°♓20'21	
	-5158 May 10 j 15:17	0°♈	
superior conj	-5158 May 17 j 16:44	14°♈51'07	1°16'25
minimum elong	-5158 May 17 j 14:02	14°♈36'58	1°16'05
max. Earth dist.	-5158 May 21 j 01:20	21°♈47'46	1.34739 AU
	-5158 May 25 j 04:06	0°♉	
evening rise	-5158 May 25 j 20:16	1°♉18'22	
	-5158 Jun 11 j 11:24	0°♊	
desc. node	-5158 Jun 21 j 14:55	14°♊11'26	
evening max el	-5158 Jun 29 j 19:01	23°♊23'29	27°00'10
	-5158 Jul 09 j 03:33	0°♋	
retrograde	-5158 Jul 13 j 00:10	0°♋45'42	
	-5158 Jul 16 j 15:02	30°℞♊	
evening set	-5158 Jul 19 j 20:21	27°♊58'33	
min. Earth dist.	-5158 Jul 23 j 17:07	24°♊06'08	0.65265 AU
inferior conj	-5158 Jul 25 j 15:29	21°♊51'45	-3°-7'-14
minimum elong	-5158 Jul 25 j 19:00	21°♊41'32	3°06'00
morning rise	-5158 Jul 31 j 18:49	16°♊12'18	
direct	-5158 Aug 03 j 15:22	15°♊27'32	
asc. node	-5158 Aug 05 j 07:47	15°♊42'55	
morning max el	-5158 Aug 10 j 05:25	19°♊03'42	18°22'22
	-5158 Aug 18 j 09:36	0°♋	
morning set	-5158 Aug 29 j 09:10	17°♋50'18	
	-5158 Sep 05 j 20:02	0°♌	
superior conj	-5158 Sep 13 j 03:31	11°♌42'28	0°27'43
minimum elong	-5158 Sep 13 j 06:57	11°♌56'07	0°27'30
max. Earth dist.	-5158 Sep 15 j 15:49	15°♌41'14	1.44687 AU
desc. node	-5158 Sep 17 j 14:12	18°♌44'13	
	-5158 Sep 24 j 18:19	0°♍	
evening rise	-5158 Sep 29 j 18:35	7°♍50'50	
	-5158 Oct 14 j 02:31	0°♎	
greatest brilliancy	-5158 Oct 14 j 07:01	0°♎16'41	-0.7m
evening max el	-5158 Oct 23 j 12:14	12°♎22'36	19°28'00
retrograde	-5158 Oct 30 j 17:20	16°♎32'40	
asc. node	-5158 Nov 01 j 06:31	16°♎18'45	
evening set	-5158 Nov 03 j 00:38	15°♎29'01	
inferior conj	-5158 Nov 08 j 16:48	9°♎31'52	2°20'53
minimum elong	-5158 Nov 08 j 13:56	9°♎41'07	2°19'53
min. Earth dist.	-5158 Nov 09 j 21:31	7°♎59'26	0.66043 AU
morning rise	-5158 Nov 14 j 02:27	3°♎18'06	
direct	-5158 Nov 20 j 06:02	0°♎38'23	
morning max el	-5158 Dec 02 j 15:45	7°♎55'55	25°58'05
desc. node	-5158 Dec 14 j 14:29	22°♎19'48	
	-5158 Dec 19 j 23:57	0°♏	
	-5157 Jan 07 j 04:14	0°♐	
morning set	-5157 Jan 07 j 19:48	1°♐11'36	
max. Earth dist.	-5157 Jan 11 j 19:41	8°♐43'57	1.35778 AU
superior conj	-5157 Jan 17 j 00:49	19°♐02'45	-1°-33'-59
minimum elong	-5157 Jan 17 j 03:42	19°♐17'23	1°33'59
	-5157 Jan 22 j 09:05	0°♑	
evening rise	-5157 Jan 24 j 22:03	5°♑13'03	
asc. node	-5157 Jan 28 j 05:20	11°♑50'39	
	-5157 Feb 08 j 02:26	0°♒	
evening max el	-5157 Feb 12 j 03:49	4°♒33'09	20°15'26
retrograde	-5157 Feb 22 j 14:29	9°♒29'48	
evening set	-5157 Feb 24 j 23:34	9°♒15'33	
inferior conj	-5157 Mar 05 j 19:13	5°♒16'33	1°47'57
minimum elong	-5157 Mar 05 j 23:32	5°♒10'06	1°46'22
min. Earth dist.	-5157 Mar 07 j 14:59	4°♒11'23	0.55641 AU
desc. node	-5157 Mar 12 j 13:48	1°♒38'28	
morning rise	-5157 Mar 14 j 21:02	0°♒51'33	
direct	-5157 Mar 18 j 14:39	0°♒21'02	
morning max el	-5157 Apr 01 j 04:59	7°♒03'57	23°32'00
	-5157 Apr 17 j 12:43	0°♓	
morning set	-5157 Apr 24 j 19:21	14°♓20'51	
asc. node	-5157 Apr 26 j 05:04	17°♓18'25	
superior conj	-5157 May 01 j 23:00	29°♓37'32	0°56'04
minimum elong	-5157 May 01 j 20:45	29°♓25'33	0°55'39
	-5157 May 02 j 03:11	0°♈	
max. Earth dist.	-5157 May 04 j 02:53	4°♈13'47	1.33699 AU
evening rise	-5157 May 09 j 13:39	15°♈26'55	
	-5157 May 17 j 06:24	0°♉	
	-5157 Jun 06 j 05:34	0°♊	
desc. node	-5157 Jun 08 j 12:05	2°♊38'20	
evening max el	-5157 Jun 12 j 05:45	6°♊32'13	27°24'08
retrograde	-5157 Jun 25 j 20:42	13°♊57'29	
evening set	-5157 Jul 02 j 23:22	11°♊16'09	
min. Earth dist.	-5157 Jul 06 j 14:43	7°♊58'50	0.63837 AU
inferior conj	-5157 Jul 09 j 03:20	5°♊19'42	-3°-42'-44
minimum elong	-5157 Jul 09 j 06:35	5°♊11'08	3°41'53
morning rise	-5157 Jul 15 j 15:33	29°♉57'47	
	-5157 Jul 15 j 13:34	30°℞♉	
direct	-5157 Jul 18 j 07:33	29°♉22'04	
	-5157 Jul 21 j 01:14	0°♊	
asc. node	-5157 Jul 23 j 04:51	1°♊20'28	
morning max el	-5157 Jul 24 j 19:51	2°♊47'26	18°01'14
morning set	-5157 Aug 11 j 01:49	29°♊19'55	
	-5157 Aug 11 j 11:08	0°♋	
superior conj	-5157 Aug 23 j 20:02	20°♋50'55	1°08'54
minimum elong	-5157 Aug 24 j 02:03	21°♋15'34	1°08'31
	-5157 Aug 29 j 11:44	0°♌	
max. Earth dist.	-5157 Aug 29 j 08:21	29°♋46'29	1.43968 AU
desc. node	-5157 Sep 04 j 11:07	9°♌27'08	
evening rise	-5157 Sep 09 j 01:52	16°♌37'54	
	-5157 Sep 17 j 19:45	0°♍	
greatest brilliancy	-5157 Sep 30 j 06:01	18°♍02'30	-0.6m
evening max el	-5157 Oct 06 j 15:45	25°♍48'34	20°26'51
	-5157 Oct 12 j 05:51	0°♎	
retrograde	-5157 Oct 14 j 14:29	0°♎29'11	
	-5157 Oct 16 j 20:40	30°℞♍	
evening set	-5157 Oct 18 j 07:23	29°♍09'54	
asc. node	-5157 Oct 19 j 03:42	28°♍29'31	
inferior conj	-5157 Oct 23 j 19:11	23°♍01'47	1°32'12
minimum elong	-5157 Oct 23 j 17:10	23°♍08'37	1°31'27
min. Earth dist.	-5157 Oct 24 j 11:58	22°♍05'13	0.66794 AU
morning rise	-5157 Oct 29 j 02:27	16°♍44'24	
direct	-5157 Nov 03 j 14:57	14°♍21'47	
morning max el	-5157 Nov 15 j 00:38	21°♍09'07	24°39'38
	-5157 Nov 22 j 16:51	0°♎	
desc. node	-5157 Dec 01 j 11:22	11°♎56'43	
	-5157 Dec 13 j 05:53	0°♏	
morning set	-5157 Dec 20 j 23:22	13°♏03'22	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-5157 Dec 24 j 18:55	19°♏53'00	1.37595 AU
	-5157 Dec 30 j 04:31	0°♐	
superior conj	-5157 Dec 31 j 10:46	2°♐25'59	-1°-47'-12
minimum elong	-5157 Dec 31 j 12:48	2°♐35'50	1°47'22
evening rise	-5156 Jan 08 j 23:21	19°♐19'34	
	-5156 Jan 14 j 11:53	0°♑	
asc. node	-5156 Jan 15 j 02:24	1°♑06'28	
evening max el	-5156 Jan 25 j 20:45	16°♑33'04	19°14'08
retrograde	-5156 Feb 03 j 17:49	20°♑46'53	
evening set	-5156 Feb 06 j 03:12	20°♑29'48	
inferior conj	-5156 Feb 14 j 07:01	16°♑18'27	3°10'33
minimum elong	-5156 Feb 14 j 11:57	16°♑10'03	3°09'12
min. Earth dist.	-5156 Feb 17 j 05:44	14°♑19'17	0.56876 AU
morning rise	-5156 Feb 22 j 17:04	11°♑24'08	
desc. node	-5156 Feb 27 j 10:55	10°♑26'59	
direct	-5156 Feb 27 j 16:26	10°♑26'51	
morning max el	-5156 Mar 12 j 20:00	17°♑40'43	25°08'53
	-5156 Mar 22 j 23:14	0°♒	
morning set	-5156 Apr 08 j 07:41	29°♒24'58	
	-5156 Apr 08 j 14:21	0°♓	
asc. node	-5156 Apr 12 j 02:00	7°♓27'21	
superior conj	-5156 Apr 15 j 08:50	14°♓35'45	0°33'23
minimum elong	-5156 Apr 15 j 07:25	14°♓28'01	0°33'00
max. Earth dist.	-5156 Apr 16 j 11:50	17°♓02'12	1.33012 AU
evening rise	-5156 Apr 22 j 15:15	0°♈01'15	
	-5156 Apr 22 j 15:00	0°♈	
	-5156 May 09 j 08:45	0°♉	
evening max el	-5156 May 24 j 13:27	19°♉11'50	27°17'06
desc. node	-5156 May 25 j 09:17	19°♉58'23	
retrograde	-5156 Jun 07 j 10:59	26°♉36'34	
evening set	-5156 Jun 14 j 11:42	24°♉15'07	
min. Earth dist.	-5156 Jun 18 j 02:31	21°♉23'04	0.62056 AU
inferior conj	-5156 Jun 21 j 04:04	18°♉31'34	-4°-5'-53
minimum elong	-5156 Jun 21 j 05:57	18°♉27'08	4°05'33
morning rise	-5156 Jun 28 j 02:47	13°♉29'56	
direct	-5156 Jun 30 j 15:57	13°♉01'17	
morning max el	-5156 Jul 07 j 10:10	16°♉25'25	17°58'26
asc. node	-5156 Jul 09 j 01:52	18°♉12'00	
	-5156 Jul 16 j 23:46	0°♊	
morning set	-5156 Jul 23 j 15:38	11°♊50'34	
	-5156 Aug 02 j 20:59	0°♋	
superior conj	-5156 Aug 03 j 15:50	1°♋21'11	1°35'34
minimum elong	-5156 Aug 03 j 20:16	1°♋40'12	1°35'32
max. Earth dist.	-5156 Aug 10 j 20:01	13°♋23'40	1.42641 AU
evening rise	-5156 Aug 18 j 06:40	25°♋20'14	
desc. node	-5156 Aug 21 j 08:06	0°♌06'25	
	-5156 Aug 21 j 06:26	0°♌	
	-5156 Sep 10 j 20:09	0°♍	
greatest brilliancy	-5156 Sep 13 j 12:52	3°♍28'38	-0.4m
evening max el	-5156 Sep 18 j 12:54	9°♍13'05	21°37'50
retrograde	-5156 Sep 27 j 10:47	14°♍30'28	
evening set	-5156 Oct 01 j 15:28	12°♍53'06	
asc. node	-5156 Oct 05 j 00:52	9°♍17'55	
inferior conj	-5156 Oct 07 j 00:33	6°♍37'36	0°40'23
minimum elong	-5156 Oct 06 j 23:37	6°♍40'47	0°40'08
min. Earth dist.	-5156 Oct 07 j 06:38	6°♍16'36	0.67233 AU
morning rise	-5156 Oct 12 j 07:30	0°♍19'29	
	-5156 Oct 12 j 17:06	30°℞♌	
direct	-5156 Oct 17 j 04:42	28°♌17'28	
	-5156 Oct 22 j 04:43	0°♍	
morning max el	-5156 Oct 27 j 10:27	4°♍24'44	23°13'52
greatest brilliancy	-5156 Nov 01 j 17:02	10°♍22'07	-0.3m
	-5156 Nov 16 j 00:29	0°♎	
desc. node	-5156 Nov 17 j 08:14	1°♎58'06	
morning set	-5156 Dec 01 j 01:20	23°♎37'00	
	-5156 Dec 04 j 19:51	0°♏	
max. Earth dist.	-5156 Dec 05 j 14:57	1°♏22'25	1.39632 AU
superior conj	-5156 Dec 13 j 05:57	15°♏01'08	-1°-52'-26
minimum elong	-5156 Dec 13 j 05:54	15°♏00'53	1°52'38
	-5156 Dec 21 j 03:49	0°♐	
evening rise	-5156 Dec 22 j 16:31	2°♐56'29	
asc. node	-5156 Dec 31 j 23:29	19°♐51'33	
evening max el	-5155 Jan 07 j 22:41	29°♐04'32	18°32'43
	-5155 Jan 08 j 23:10	0°♑	
retrograde	-5155 Jan 15 j 15:02	2°♑49'34	
evening set	-5155 Jan 18 j 02:30	2°♑27'28	
	-5155 Jan 22 j 20:58	30°℞♐	
inferior conj	-5155 Jan 25 j 14:39	27°♐56'35	3°54'58
minimum elong	-5155 Jan 25 j 17:09	27°♐51'38	3°54'25
min. Earth dist.	-5155 Jan 28 j 23:19	25°♐18'54	0.58654 AU
morning rise	-5155 Feb 02 j 04:19	22°♐36'47	
direct	-5155 Feb 08 j 07:22	21°♐01'24	
desc. node	-5155 Feb 13 j 08:00	22°♐03'22	
morning max el	-5155 Feb 22 j 13:10	28°♐31'48	26°30'22
	-5155 Feb 24 j 00:17	0°♑	
	-5155 Mar 16 j 11:50	0°♒	
morning set	-5155 Mar 23 j 18:52	14°♒25'10	
asc. node	-5155 Mar 29 j 22:55	27°♒40'52	
superior conj	-5155 Mar 30 j 20:22	29°♒38'07	0°09'16
minimum elong	-5155 Mar 30 j 19:57	29°♒35'56	0°09'00
behind sun begin	-5155 Mar 30 j 15:50	29°♒13'21	
behind sun end	-5155 Mar 31 j 00:05	29°♒58'30	
max. Earth dist.	-5155 Mar 31 j 00:40	0°♓01'41	1.32664 AU
	-5155 Mar 31 j 00:22	0°♓	
evening rise	-5155 Apr 06 j 22:13	14°♓50'54	
	-5155 Apr 14 j 15:41	0°♈	
	-5155 May 05 j 10:39	0°♉	
evening max el	-5155 May 06 j 15:56	1°♉12'18	26°37'23
desc. node	-5155 May 12 j 06:29	5°♉42'49	
retrograde	-5155 May 20 j 17:47	8°♉33'29	
evening set	-5155 May 27 j 05:17	6°♉44'55	
min. Earth dist.	-5155 May 31 j 05:14	4°♉02'37	0.60048 AU
inferior conj	-5155 Jun 03 j 14:05	1°♉18'00	-4°-10'-15
minimum elong	-5155 Jun 03 j 13:22	1°♉19'29	4°10'07
	-5155 Jun 05 j 04:58	30°℞♈	
morning rise	-5155 Jun 11 j 00:57	26°♈37'59	
direct	-5155 Jun 13 j 12:30	26°♈14'54	
morning max el	-5155 Jun 20 j 21:29	29°♈49'06	18°14'46
	-5155 Jun 21 j 02:00	0°♉	
asc. node	-5155 Jun 25 j 22:50	6°♉01'13	
morning set	-5155 Jul 06 j 21:18	25°♉08'15	
	-5155 Jul 09 j 11:10	0°♊	
superior conj	-5155 Jul 16 j 13:32	13°♊08'52	1°47'54
minimum elong	-5155 Jul 16 j 15:04	13°♊15'46	1°48'07
max. Earth dist.	-5155 Jul 24 j 01:35	26°♊19'18	1.40888 AU
	-5155 Jul 26 j 05:54	0°♋	
evening rise	-5155 Jul 29 j 04:35	4°♋52'02	
desc. node	-5155 Aug 08 j 05:07	20°♋38'10	
	-5155 Aug 14 j 12:49	0°♌	
greatest brilliancy	-5155 Aug 27 j 02:37	16°♌56'57	-0.3m
evening max el	-5155 Sep 01 j 04:17	22°♌37'44	22°56'50
retrograde	-5155 Sep 11 j 04:44	28°♌34'10	
evening set	-5155 Sep 15 j 23:06	26°♌37'05	
inferior conj	-5155 Sep 21 j 07:04	20°♌17'46	0°-12'-40
minimum elong	-5155 Sep 21 j 07:22	20°♌16'47	0°12'22
transit middle	-5155 Sep 21 j 07:22	20°♌16'47	0°12'22
transit begin	-5155 Sep 21 j 05:36	20°♌22'52	
transit end	-5155 Sep 21 j 09:08	20°♌10'41	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

min. Earth dist.	-5155 Sep 21 j 02:59	20°♌31'51	0.67376 AU
asc. node	-5155 Sep 21 j 22:00	19°♌26'26	
morning rise	-5155 Sep 26 j 15:34	14°♌02'14	
direct	-5155 Sep 30 j 22:35	12°♌21'13	
morning max el	-5155 Oct 10 j 00:11	17°♌44'44	21°49'40
greatest brilliancy	-5155 Oct 14 j 23:18	23°♌25'46	-0.4m
	-5155 Oct 19 j 23:21	0°♍	
desc. node	-5155 Nov 04 j 05:06	22°♍17'03	
	-5155 Nov 09 j 04:13	0°♎	
morning set	-5155 Nov 10 j 22:56	2°♎49'09	
max. Earth dist.	-5155 Nov 17 j 15:06	13°♎40'01	1.41625 AU
superior conj	-5155 Nov 25 j 05:03	26°♎35'11	-1°-46'-19
minimum elong	-5155 Nov 25 j 01:46	26°♎20'51	1°46'16
	-5155 Nov 27 j 03:33	0°♏	
evening rise	-5155 Dec 05 j 22:20	15°♏56'48	
	-5155 Dec 13 j 17:46	0°♐	
asc. node	-5155 Dec 18 j 20:36	7°♐56'25	
evening max el	-5155 Dec 22 j 07:08	12°♐00'21	18°11'19
retrograde	-5155 Dec 29 j 05:27	15°♐31'10	
evening set	-5155 Dec 31 j 19:14	15°♐02'45	
inferior conj	-5154 Jan 07 j 17:50	10°♐09'49	4°06'21
minimum elong	-5154 Jan 07 j 17:26	10°♐10'43	4°06'05
min. Earth dist.	-5154 Jan 10 j 22:27	7°♐16'40	0.60641 AU
morning rise	-5154 Jan 14 j 12:58	4°♐31'38	
direct	-5154 Jan 21 j 09:29	2°♐19'02	
desc. node	-5154 Jan 31 j 05:02	6°♐14'37	
morning max el	-5154 Feb 04 j 12:03	9°♐57'04	27°23'27
	-5154 Feb 20 j 01:25	0°♑	
morning set	-5154 Mar 08 j 03:07	29°♑14'40	
	-5154 Mar 08 j 11:52	0°♒	
max. Earth dist.	-5154 Mar 14 j 13:48	12°♒59'37	1.32654 AU
superior conj	-5154 Mar 15 j 07:56	14°♒38'30	0°-15'-28
minimum elong	-5154 Mar 15 j 08:38	14°♒42'18	0°15'33
behind sun begin	-5154 Mar 15 j 07:47	14°♒37'41	
behind sun end	-5154 Mar 15 j 09:28	14°♒46'54	
asc. node	-5154 Mar 16 j 19:53	17°♒54'51	
evening rise	-5154 Mar 22 j 08:26	29°♒48'08	
	-5154 Mar 22 j 10:41	0°♓	
	-5154 Apr 08 j 04:11	0°♈	
evening max el	-5154 Apr 18 j 12:31	12°♈32'34	25°28'30
desc. node	-5154 Apr 29 j 03:40	19°♈16'23	
retrograde	-5154 May 02 j 14:40	19°♈44'40	
evening set	-5154 May 08 j 01:35	18°♈34'28	
min. Earth dist.	-5154 May 13 j 01:08	15°♈45'26	0.58055 AU
inferior conj	-5154 May 16 j 05:58	13°♈30'05	-3°-46'-49
minimum elong	-5154 May 16 j 02:01	13°♈37'07	3°46'12
morning rise	-5154 May 24 j 06:33	9°♈10'54	
direct	-5154 May 26 j 17:07	8°♈52'17	
morning max el	-5154 Jun 04 j 02:54	12°♈49'37	18°51'03
asc. node	-5154 Jun 12 j 19:48	24°♈35'07	
	-5154 Jun 15 j 20:59	0°♉	
morning set	-5154 Jun 20 j 14:33	9°♉02'28	
superior conj	-5154 Jun 29 j 07:43	25°♉59'06	1°48'38
minimum elong	-5154 Jun 29 j 06:51	25°♉54'59	1°48'49
	-5154 Jul 01 j 10:51	0°♊	
max. Earth dist.	-5154 Jul 06 j 03:19	8°♊33'48	1.38959 AU
evening rise	-5154 Jul 10 j 04:45	15°♊40'17	
	-5154 Jul 18 j 21:44	0°♋	
desc. node	-5154 Jul 26 j 02:11	10°♋57'28	
	-5154 Aug 09 j 04:12	0°♌	
evening max el	-5154 Aug 14 j 15:59	6°♌04'26	24°17'43
retrograde	-5154 Aug 25 j 19:05	12°♌36'36	
evening set	-5154 Aug 31 j 04:29	10°♌19'41	
min. Earth dist.	-5154 Sep 04 j 22:30	4°♌48'59	0.67222 AU
inferior conj	-5154 Sep 05 j 13:01	3°♌59'59	-1°-5'-24
minimum elong	-5154 Sep 05 j 14:31	3°♌54'56	1°04'33
asc. node	-5154 Sep 08 j 19:08	29°♋53'47	
	-5154 Sep 08 j 16:53	30°℞♋	
morning rise	-5154 Sep 11 j 00:45	27°♋50'25	
direct	-5154 Sep 14 j 19:18	26°♋28'53	
	-5154 Sep 21 j 14:52	0°♌	
morning max el	-5154 Sep 22 j 20:23	1°♌11'54	20°33'47
greatest brilliancy	-5154 Sep 29 j 04:43	8°♌49'53	-0.5m
	-5154 Oct 13 j 18:19	0°♍	
morning set	-5154 Oct 21 j 00:17	11°♍07'44	
desc. node	-5154 Oct 22 j 01:59	12°♍47'43	
max. Earth dist.	-5154 Oct 30 j 22:55	26°♍50'50	1.43286 AU
	-5154 Nov 01 j 21:38	0°♎	
superior conj	-5154 Nov 06 j 02:25	6°♎54'15	-1°-25'-22
minimum elong	-5154 Nov 05 j 20:12	6°♎28'26	1°24'50
evening rise	-5154 Nov 18 j 12:39	28°♎11'30	
	-5154 Nov 19 j 13:23	0°♏	
asc. node	-5154 Dec 05 j 17:45	25°♏08'19	
evening max el	-5154 Dec 05 j 19:09	25°♏11'50	18°09'25
retrograde	-5154 Dec 12 j 09:19	28°♏41'10	
evening set	-5154 Dec 15 j 01:55	28°♏05'22	
inferior conj	-5154 Dec 21 j 13:21	22°♏50'51	3°53'57
minimum elong	-5154 Dec 21 j 10:59	22°♏56'58	3°53'28
min. Earth dist.	-5154 Dec 24 j 06:02	20°♏04'31	0.62541 AU
morning rise	-5154 Dec 27 j 18:09	16°♏58'55	
direct	-5153 Jan 03 j 20:07	14°♏20'37	
morning max el	-5153 Jan 17 j 16:50	22°♏01'53	27°41'20
desc. node	-5153 Jan 18 j 02:03	22°♏24'41	
	-5153 Jan 24 j 18:26	0°♐	
	-5153 Feb 13 j 02:51	0°♑	
morning set	-5153 Feb 20 j 06:15	13°♑45'22	
max. Earth dist.	-5153 Feb 25 j 23:27	25°♑41'59	1.32996 AU
superior conj	-5153 Feb 27 j 17:53	29°♑30'25	0°-39'-55
minimum elong	-5153 Feb 27 j 19:37	29°♑39'47	0°39'51
	-5153 Feb 27 j 23:21	0°♒	
asc. node	-5153 Mar 03 j 16:54	8°♒04'54	
evening rise	-5153 Mar 06 j 19:58	14°♒45'33	
	-5153 Mar 14 j 13:11	0°♓	
evening max el	-5153 Mar 31 j 05:04	23°♓23'32	24°00'11
	-5153 Apr 11 j 08:01	0°♈	
retrograde	-5153 Apr 13 j 23:20	0°♈15'52	
desc. node	-5153 Apr 16 j 00:50	0°♈06'17	
	-5153 Apr 16 j 15:10	30°℞♓	
evening set	-5153 Apr 18 j 03:22	29°♓37'23	
min. Earth dist.	-5153 Apr 24 j 16:55	26°♓28'44	0.56390 AU
inferior conj	-5153 Apr 27 j 01:46	25°♓01'04	-2°-46'-38
minimum elong	-5153 Apr 26 j 20:12	25°♓09'42	2°45'15
morning rise	-5153 May 05 j 16:49	20°♓58'18	
direct	-5153 May 08 j 03:14	20°♓42'46	
morning max el	-5153 May 17 j 23:44	25°♓17'53	19°47'44
	-5153 May 22 j 04:30	0°♈	
asc. node	-5153 May 30 j 16:48	13°♈43'15	
morning set	-5153 Jun 04 j 16:07	23°♈24'59	
	-5153 Jun 07 j 22:14	0°♉	
superior conj	-5153 Jun 12 j 17:01	9°♉37'23	1°40'43
minimum elong	-5153 Jun 12 j 14:46	9°♉26'13	1°40'43
max. Earth dist.	-5153 Jun 18 j 06:27	20°♉23'37	1.37098 AU
evening rise	-5153 Jun 22 j 05:49	27°♉43'25	
	-5153 Jun 23 j 12:19	0°♊	
	-5153 Jul 12 j 06:44	0°♋	
desc. node	-5153 Jul 12 j 23:16	0°♋58'35	
evening max el	-5153 Jul 28 j 02:32	19°♋34'06	25°32'50
retrograde	-5153 Aug 09 j 05:09	26°♋34'01	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening set	-5153 Aug 15 j 05:43	23°♋59'46	
min. Earth dist.	-5153 Aug 19 j 14:44	19°♋06'32	0.66749 AU
inferior conj	-5153 Aug 20 j 16:39	17°♋42'45	-1°-56'-6
minimum elong	-5153 Aug 20 j 19:12	17°♋34'28	1°54'53
morning rise	-5153 Aug 26 j 09:14	11°♋42'31	
asc. node	-5153 Aug 26 j 16:15	11°♋31'40	
direct	-5153 Aug 29 j 17:26	10°♋37'47	
morning max el	-5153 Sep 05 j 23:49	14°♋47'58	19°30'33
greatest brilliancy	-5153 Sep 15 j 04:01	26°♋41'41	-0.7m
	-5153 Sep 17 j 09:29	0°♌	
morning set	-5153 Sep 30 j 02:46	19°♌36'24	
	-5153 Oct 06 j 18:21	0°♍	
desc. node	-5153 Oct 08 j 22:54	3°♍26'15	
max. Earth dist.	-5153 Oct 13 j 13:19	10°♍41'59	1.44383 AU
superior conj	-5153 Oct 16 j 20:28	15°♍56'54	0°-48'-21
minimum elong	-5153 Oct 16 j 14:55	15°♍34'43	0°47'35
	-5153 Oct 25 j 12:45	0°♎	
evening rise	-5153 Oct 31 j 06:48	9°♎31'22	
	-5153 Nov 12 j 19:18	0°♏	
evening max el	-5153 Nov 19 j 07:54	8°♏32'50	18°26'14
asc. node	-5153 Nov 22 j 14:55	11°♏12'59	
retrograde	-5153 Nov 25 j 22:21	12°♏11'18	
evening set	-5153 Nov 28 j 19:03	11°♏26'34	
inferior conj	-5153 Dec 04 j 21:31	5°♏52'54	3°25'36
minimum elong	-5153 Dec 04 j 18:18	6°♏02'06	3°24'44
min. Earth dist.	-5153 Dec 06 j 23:45	3°♏29'06	0.64170 AU
	-5153 Dec 10 j 11:27	30°℞♎	
morning rise	-5153 Dec 10 j 16:12	29°♎50'10	
direct	-5153 Dec 17 j 13:54	27°♎01'08	
	-5153 Dec 25 j 12:54	0°♏	
morning max el	-5153 Dec 31 j 01:37	4°♏41'11	27°23'53
desc. node	-5152 Jan 04 j 23:04	10°♏00'41	
	-5152 Jan 19 j 08:21	0°♐	
morning set	-5152 Feb 04 j 01:33	27°♐48'29	
	-5152 Feb 05 j 04:08	0°♑	
max. Earth dist.	-5152 Feb 09 j 01:46	7°♑56'42	1.33731 AU
superior conj	-5152 Feb 12 j 00:23	14°♑07'44	-1°-3'-7
minimum elong	-5152 Feb 12 j 02:57	14°♑21'18	1°03'00
asc. node	-5152 Feb 18 j 13:55	28°♑06'38	
evening rise	-5152 Feb 19 j 07:07	29°♑36'51	
	-5152 Feb 19 j 11:33	0°♒	
	-5152 Mar 08 j 02:31	0°♓	
evening max el	-5152 Mar 11 j 22:44	4°♓08'49	22°26'04
retrograde	-5152 Mar 24 j 19:56	10°♓25'02	
evening set	-5152 Mar 27 j 21:08	10°♓04'34	
desc. node	-5152 Apr 01 j 22:01	8°♓13'05	
min. Earth dist.	-5152 Apr 05 j 07:12	6°♓23'45	0.55387 AU
inferior conj	-5152 Apr 06 j 04:18	5°♓53'44	-1°-9'-20
minimum elong	-5152 Apr 06 j 01:12	5°♓58'09	1°08'27
morning rise	-5152 Apr 15 j 07:13	1°♓55'49	
direct	-5152 Apr 17 j 20:58	1°♓40'37	
morning max el	-5152 Apr 29 j 10:03	7°♓06'04	21°03'53
	-5152 May 14 j 21:46	0°♈	
asc. node	-5152 May 16 j 13:46	3°♈16'20	
morning set	-5152 May 18 j 23:15	8°♈07'20	
superior conj	-5152 May 26 j 12:57	23°♈50'00	1°26'37
minimum elong	-5152 May 26 j 10:13	23°♈35'54	1°26'23
	-5152 May 29 j 13:44	0°♉	
max. Earth dist.	-5152 May 30 j 16:20	2°♉12'46	1.35492 AU
evening rise	-5152 Jun 04 j 02:29	10°♉46'44	
	-5152 Jun 15 j 00:24	0°♊	
desc. node	-5152 Jun 28 j 20:23	20°♊32'49	
	-5152 Jul 06 j 14:56	0°♋	
evening max el	-5152 Jul 09 j 13:23	3°♋02'20	26°34'10
retrograde	-5152 Jul 22 j 10:29	10°♋19'51	
evening set	-5152 Jul 29 j 00:34	7°♋34'23	
min. Earth dist.	-5152 Aug 02 j 01:22	3°♋20'10	0.65918 AU
inferior conj	-5152 Aug 03 j 15:59	1°♋22'57	-2°-42'-55
minimum elong	-5152 Aug 03 j 19:19	1°♋12'52	2°41'36
	-5152 Aug 04 j 19:40	30°℞♊	
morning rise	-5152 Aug 09 j 15:00	25°♊35'13	
direct	-5152 Aug 12 j 15:05	24°♊44'10	
asc. node	-5152 Aug 12 j 13:22	24°♊44'12	
morning max el	-5152 Aug 19 j 09:18	28°♊30'20	18°42'29
	-5152 Aug 20 j 18:19	0°♋	
morning set	-5152 Sep 09 j 01:51	29°♋06'55	
	-5152 Sep 09 j 15:04	0°♌	
superior conj	-5152 Sep 24 j 20:58	24°♌13'24	0°00'-17
minimum elong	-5152 Sep 24 j 20:58	24°♌13'22	0°00'08
behind sun begin	-5152 Sep 24 j 09:38	23°♌28'41	
behind sun end	-5152 Sep 25 j 08:18	24°♌58'03	
desc. node	-5152 Sep 24 j 19:48	24°♌08'47	
max. Earth dist.	-5152 Sep 25 j 06:45	24°♌51'58	1.44784 AU
	-5152 Sep 28 j 12:54	0°♍	
evening rise	-5152 Oct 11 j 00:23	19°♍46'42	
	-5152 Oct 17 j 10:07	0°♎	
evening max el	-5152 Nov 01 j 18:46	21°♎58'23	19°00'46
retrograde	-5152 Nov 08 j 16:47	25°♎54'56	
asc. node	-5152 Nov 08 j 12:04	25°♎54'43	
evening set	-5152 Nov 11 j 19:30	24°♎59'05	
inferior conj	-5152 Nov 17 j 14:54	19°♎09'31	2°46'41
minimum elong	-5152 Nov 17 j 11:44	19°♎19'23	2°45'38
min. Earth dist.	-5152 Nov 19 j 03:07	17°♎16'59	0.65455 AU
morning rise	-5152 Nov 23 j 02:59	12°♎58'46	
direct	-5152 Nov 29 j 14:14	10°♎12'30	
morning max el	-5152 Dec 12 j 11:32	17°♎42'38	26°36'10
desc. node	-5152 Dec 21 j 20:03	28°♎37'20	
	-5152 Dec 22 j 21:04	0°♏	
	-5151 Jan 11 j 05:52	0°♐	
morning set	-5151 Jan 17 j 09:28	11°♐12'56	
max. Earth dist.	-5151 Jan 21 j 17:15	19°♐36'30	1.34897 AU
superior conj	-5151 Jan 26 j 01:16	28°♐23'48	-1°-23'-50
minimum elong	-5151 Jan 26 j 04:14	28°♐39'04	1°23'45
	-5151 Jan 26 j 19:52	0°♑	
evening rise	-5151 Feb 02 j 16:04	14°♑16'07	
asc. node	-5151 Feb 04 j 10:57	17°♑55'27	
	-5151 Feb 10 j 19:26	0°♒	
evening max el	-5151 Feb 21 j 23:37	15°♒15'07	20°59'00
retrograde	-5151 Mar 05 j 09:58	20°♒41'29	
evening set	-5151 Mar 07 j 21:07	20°♒27'15	
inferior conj	-5151 Mar 16 j 23:56	16°♒29'01	0°45'56
minimum elong	-5151 Mar 17 j 01:59	16°♒26'04	0°45'02
min. Earth dist.	-5151 Mar 17 j 21:35	15°♒58'03	0.55276 AU
desc. node	-5151 Mar 19 j 19:11	14°♒54'26	
morning rise	-5151 Mar 26 j 05:46	12°♒17'51	
direct	-5151 Mar 29 j 09:12	11°♒56'17	
morning max el	-5151 Apr 11 j 09:53	18°♒14'38	22°35'27
	-5151 Apr 20 j 21:12	0°♓	
morning set	-5151 May 03 j 09:49	23°♓02'59	
asc. node	-5151 May 03 j 10:44	23°♓07'44	
	-5151 May 06 j 16:55	0°♈	
superior conj	-5151 May 10 j 16:13	8°♈26'45	1°08'09
minimum elong	-5151 May 10 j 13:39	8°♈13'11	1°07'46
max. Earth dist.	-5151 May 13 j 12:01	14°♈22'00	1.34244 AU
evening rise	-5151 May 18 j 13:35	24°♈35'32	
	-5151 May 21 j 09:04	0°♉	
	-5151 Jun 08 j 12:44	0°♊	
desc. node	-5151 Jun 15 j 17:30	9°♊28'39	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening max el	-5151 Jun 22 j 00:31	16°♊21'14	27°13'50	
retrograde	-5151 Jul 05 j 10:38	23°♊46'23		
evening set	-5151 Jul 12 j 10:20	20°♊59'52		
min. Earth dist.	-5151 Jul 16 j 04:18	17°♊23'12	0.64702 AU	
inferior conj	-5151 Jul 18 j 08:48	14°♊56'52	-3°-23'-29	
minimum elong	-5151 Jul 18 j 12:18	14°♊47'02	3°22'25	
morning rise	-5151 Jul 24 j 15:45	9°♊24'38		
direct	-5151 Jul 27 j 10:00	8°♊44'11		
asc. node	-5151 Jul 30 j 10:27	9°♊31'56		
morning max el	-5151 Aug 02 j 22:37	12°♊14'56	18°11'10	
	-5151 Aug 15 j 05:53	0°♋		
morning set	-5151 Aug 21 j 03:59	9°♋55'00		
	-5151 Sep 02 j 08:22	0°♌		
superior conj	-5151 Sep 04 j 01:51	2°♌46'54	0°46'44	
minimum elong	-5151 Sep 04 j 07:01	3°♌07'36	0°46'21	
max. Earth dist.	-5151 Sep 07 j 23:57	9°♌02'07	1.44462 AU	
desc. node	-5151 Sep 11 j 16:43	14°♌52'29		
evening rise	-5151 Sep 20 j 17:34	28°♌58'48		
	-5151 Sep 21 j 09:21	0°♍		
greatest brilliancy	-5151 Oct 08 j 07:53	25°♍38'32	-0.6m	
	-5151 Oct 11 j 12:11	0°♎		
evening max el	-5151 Oct 16 j 01:30	5°♎24'54	19°51'23	
retrograde	-5151 Oct 23 j 13:32	9°♎47'23		
asc. node	-5151 Oct 26 j 09:15	9°♎01'03		
evening set	-5151 Oct 27 j 00:33	8°♎37'37		
inferior conj	-5151 Nov 01 j 14:41	2°♎35'30	2°00'45	
minimum elong	-5151 Nov 01 j 12:07	2°♎43'54	1°59'49	
min. Earth dist.	-5151 Nov 02 j 14:14	1°♎17'57	0.66400 AU	
	-5151 Nov 03 j 14:26	30°℞♍		
morning rise	-5151 Nov 06 j 23:00	26°♍19'37		
direct	-5151 Nov 12 j 20:20	23°♍46'14		
	-5151 Nov 23 j 22:59	0°♎		
morning max el	-5151 Nov 24 j 20:36	0°♎53'07	25°26'08	
desc. node	-5151 Dec 08 j 16:57	17°♎55'56		
	-5151 Dec 16 j 21:12	0°♏		
morning set	-5151 Dec 31 j 01:01	23°♏43'01		
	-5150 Jan 03 j 10:54	0°♐		
max. Earth dist.	-5150 Jan 03 j 21:00	0°♐47'29	1.36504 AU	
superior conj	-5150 Jan 09 j 17:40	12°♐09'04	-1°-40'-24	
minimum elong	-5150 Jan 09 j 20:19	12°♐22'18	1°40'28	
evening rise	-5150 Jan 17 j 20:46	28°♐35'59		
	-5150 Jan 18 j 13:26	0°♑		
asc. node	-5150 Jan 22 j 08:00	7°♑25'00		
evening max el	-5150 Feb 04 j 10:42	26°♑54'59	19°47'04	
	-5150 Feb 08 j 13:28	0°♒		
retrograde	-5150 Feb 14 j 04:38	1°♒31'33		
evening set	-5150 Feb 16 j 13:19	1°♒16'33		
	-5150 Feb 20 j 05:45	30°℞♑		
inferior conj	-5150 Feb 25 j 02:32	27°♑14'05	2°27'30	
minimum elong	-5150 Feb 25 j 07:39	27°♑06'04	2°25'50	
min. Earth dist.	-5150 Feb 27 j 12:04	25°♑44'21	0.56079 AU	
morning rise	-5150 Mar 05 j 22:41	22°♑36'25		
desc. node	-5150 Mar 06 j 16:21	22°♑23'51		
direct	-5150 Mar 10 j 04:38	21°♑56'07		
morning max el	-5150 Mar 24 j 02:16	28°♑54'58	24°14'01	
	-5150 Mar 25 j 04:38	0°♒		
	-5150 Apr 13 j 22:46	0°♓		
morning set	-5150 Apr 17 j 21:57	8°♓05'03		
asc. node	-5150 Apr 20 j 07:39	13°♓11'09		
superior conj	-5150 Apr 25 j 00:13	23°♓18'34	0°46'41	
minimum elong	-5150 Apr 24 j 22:17	23°♓08'10	0°46'16	
max. Earth dist.	-5150 Apr 26 j 16:53	26°♓57'05	1.33364 AU	
	-5150 Apr 28 j 03:16	0°♈		
evening rise	-5150 May 02 j 10:50	8°♈56'02		
	-5150 May 13 j 19:09	0°♉		
desc. node	-5150 Jun 02 j 14:40	27°♉29'43		
evening max el	-5150 Jun 04 j 10:22	29°♉19'07	27°25'15	
	-5150 Jun 05 j 03:43	0°♊		
retrograde	-5150 Jun 18 j 04:47	6°♊44'40		
evening set	-5150 Jun 25 j 07:36	4°♊10'19		
min. Earth dist.	-5150 Jun 28 j 21:58	1°♊05'00	0.63110 AU	
	-5150 Jun 30 j 00:16	30°℞♉		
inferior conj	-5150 Jul 01 j 16:19	28°♉18'46	-3°-54'-27	
minimum elong	-5150 Jul 01 j 19:08	28°♉11'39	3°53'49	
morning rise	-5150 Jul 08 j 08:47	23°♉04'58		
direct	-5150 Jul 10 j 23:18	22°♉32'30		
asc. node	-5150 Jul 17 j 07:29	25°♉42'27		
morning max el	-5150 Jul 17 j 13:16	25°♉56'31	17°57'44	
	-5150 Jul 20 j 23:50	0°♊		
morning set	-5150 Aug 03 j 06:22	21°♊52'29		
	-5150 Aug 07 j 21:48	0°♋		
superior conj	-5150 Aug 15 j 05:32	12°♋28'49	1°22'04	
minimum elong	-5150 Aug 15 j 11:14	12°♋52'36	1°21'50	
max. Earth dist.	-5150 Aug 21 j 14:32	22°♋56'51	1.43468 AU	
	-5150 Aug 26 j 00:27	0°♌		
desc. node	-5150 Aug 29 j 13:39	5°♌34'25		
evening rise	-5150 Aug 30 j 21:14	7°♌37'12		
	-5150 Sep 14 j 17:12	0°♍		
greatest brilliancy	-5150 Sep 23 j 10:22	12°♍09'20	-0.5m	
evening max el	-5150 Sep 29 j 02:29	18°♍51'08	20°55'50	
retrograde	-5150 Oct 07 j 10:27	23°♍46'26		
evening set	-5150 Oct 11 j 08:06	22°♍19'52		
asc. node	-5150 Oct 13 j 06:24	20°♍33'50		
inferior conj	-5150 Oct 16 j 18:34	16°♍08'27	1°10'30	
minimum elong	-5150 Oct 16 j 16:59	16°♍13'51	1°09'57	
min. Earth dist.	-5150 Oct 17 j 06:46	15°♍26'53	0.67022 AU	
morning rise	-5150 Oct 22 j 01:28	9°♍50'27		
direct	-5150 Oct 27 j 07:33	7°♍36'06		
morning max el	-5150 Nov 07 j 05:22	14°♍06'56	24°03'25	
	-5150 Nov 20 j 03:29	0°♎		
desc. node	-5150 Nov 25 j 13:51	7°♎44'36		
	-5150 Dec 09 j 18:46	0°♏		
morning set	-5150 Dec 12 j 18:20	5°♏02'58		
max. Earth dist.	-5150 Dec 16 j 17:43	12°♏00'11	1.38455 AU	
superior conj	-5150 Dec 23 j 21:57	25°♏13'44	-1°-50'-36	
minimum elong	-5150 Dec 23 j 23:15	25°♏19'57	1°50'48	
	-5150 Dec 26 j 09:38	0°♐		
evening rise	-5149 Jan 01 j 18:56	12°♐30'37		
asc. node	-5149 Jan 09 j 05:03	26°♐28'37		
	-5149 Jan 11 j 07:28	0°♑		
evening max el	-5149 Jan 18 j 07:48	9°♑09'15	18°54'01	
retrograde	-5149 Jan 26 j 15:01	13°♑08'28		
evening set	-5149 Jan 29 j 01:28	12°♑49'17		
inferior conj	-5149 Feb 05 j 22:25	8°♑30'11	3°33'56	
minimum elong	-5149 Feb 06 j 02:32	8°♑22'44	3°32'57	
min. Earth dist.	-5149 Feb 09 j 03:28	6°♑12'16	0.57597 AU	
morning rise	-5149 Feb 13 j 23:58	3°♑24'32		
direct	-5149 Feb 19 j 12:18	2°♑11'40		
desc. node	-5149 Feb 21 j 13:27	2°♑21'47		
morning max el	-5149 Mar 05 j 17:16	9°♑33'18	25°46'13	
	-5149 Mar 21 j 03:58	0°♒		
morning set	-5149 Apr 02 j 09:59	23°♒07'40		
	-5149 Apr 05 j 15:20	0°♓		
asc. node	-5149 Apr 07 j 04:34	3°♓22'04		
superior conj	-5149 Apr 09 j 10:57	8°♓18'39	0°23'16	
minimum elong	-5149 Apr 09 j 09:57	8°♓13'10	0°22'55	
max. Earth dist.	-5149 Apr 10 j 04:02	9°♓51'47	1.32831 AU	
evening rise	-5149 Apr 16 j 15:01	23°♓37'39		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5149 Apr 19 j 18:50	0°♈	
	-5149 May 07 j 16:51	0°♉	
evening max el	-5149 May 17 j 16:18	11°♉43'09	27°04'12
desc. node	-5149 May 20 j 11:52	14°♉12'42	
retrograde	-5149 May 31 j 15:45	19°♉05'49	
evening set	-5149 Jun 07 j 12:20	16°♉57'22	
min. Earth dist.	-5149 Jun 11 j 05:45	14°♉11'26	0.61216 AU
inferior conj	-5149 Jun 14 j 11:14	11°♉20'37	-4°-10'-35
minimum elong	-5149 Jun 14 j 12:09	11°♉18'34	4°10'24
morning rise	-5149 Jun 21 j 14:52	6°♉27'47	
direct	-5149 Jun 24 j 03:20	6°♉01'31	
morning max el	-5149 Jul 01 j 02:33	9°♉28'26	18°03'01
asc. node	-5149 Jul 04 j 04:28	12°♉59'40	
	-5149 Jul 14 j 13:29	0°♊	
morning set	-5149 Jul 17 j 03:31	4°♊44'27	
superior conj	-5149 Jul 27 j 12:50	23°♊32'44	1°42'26
minimum elong	-5149 Jul 27 j 16:03	23°♊46'49	1°42'32
	-5149 Jul 31 j 06:12	0°♋	
max. Earth dist.	-5149 Aug 04 j 00:06	6°♋19'06	1.41933 AU
evening rise	-5149 Aug 10 j 07:22	16°♋34'53	
desc. node	-5149 Aug 16 j 10:39	26°♋10'50	
	-5149 Aug 18 j 22:47	0°♌	
greatest brilliancy	-5149 Sep 07 j 03:20	26°♌54'17	-0.3m
	-5149 Sep 09 j 18:27	0°♍	
evening max el	-5149 Sep 11 j 21:08	2°♍15'42	22°10'48
retrograde	-5149 Sep 21 j 05:48	7°♍49'07	
evening set	-5149 Sep 25 j 16:13	6°♍03'20	
asc. node	-5149 Sep 30 j 03:33	0°♍58'24	
	-5149 Sep 30 j 20:34	30°℞♌	
inferior conj	-5149 Oct 01 j 00:38	29°♌45'58	0°17'55
minimum elong	-5149 Oct 01 j 00:13	29°♌47'24	0°17'55
min. Earth dist.	-5149 Oct 01 j 02:20	29°♌40'04	0.67335 AU
morning rise	-5149 Oct 06 j 08:03	23°♌28'50	
direct	-5149 Oct 10 j 23:06	21°♌35'50	
morning max el	-5149 Oct 20 j 16:26	27°♌23'47	22°37'28
	-5149 Oct 23 j 02:25	0°♍	
greatest brilliancy	-5149 Oct 25 j 10:08	2°♍44'15	-0.3m
desc. node	-5149 Nov 12 j 10:44	27°♍54'13	
	-5149 Nov 13 j 19:49	0°♎	
morning set	-5149 Nov 23 j 08:07	15°♎00'41	
max. Earth dist.	-5149 Nov 28 j 15:18	23°♎49'54	1.40513 AU
	-5149 Dec 02 j 05:13	0°♏	
superior conj	-5149 Dec 06 j 09:19	7°♏24'41	-1°-51'-26
minimum elong	-5149 Dec 06 j 08:00	7°♏18'43	1°51'35
evening rise	-5149 Dec 16 j 07:43	25°♏52'59	
	-5149 Dec 18 j 12:12	0°♐	
asc. node	-5149 Dec 27 j 02:09	14°♐57'47	
evening max el	-5148 Jan 01 j 12:48	21°♐51'43	18°21'05
retrograde	-5148 Jan 08 j 20:08	25°♐29'08	
evening set	-5148 Jan 11 j 08:37	25°♐04'24	
inferior conj	-5148 Jan 18 j 14:39	20°♐23'49	4°03'16
minimum elong	-5148 Jan 18 j 15:52	20°♐21'16	4°02'56
min. Earth dist.	-5148 Jan 21 j 22:46	17°♐36'56	0.59497 AU
morning rise	-5148 Jan 25 j 20:01	14°♐55'31	
direct	-5148 Feb 01 j 07:52	13°♐03'50	
desc. node	-5148 Feb 08 j 10:32	15°♐07'52	
morning max el	-5148 Feb 15 j 12:42	20°♐37'26	26°57'05
	-5148 Feb 23 j 15:40	0°♑	
	-5148 Mar 12 j 20:23	0°♒	
morning set	-5148 Mar 16 j 20:12	8°♒04'38	
superior conj	-5148 Mar 23 j 22:43	23°♒21'03	0°-1'-13
minimum elong	-5148 Mar 23 j 22:47	23°♒21'25	0°01'25
behind sun begin	-5148 Mar 23 j 17:48	22°♒54'09	
behind sun end	-5148 Mar 24 j 03:46	23°♒48'40	
max. Earth dist.	-5148 Mar 23 j 17:42	22°♒53'38	1.32622 AU
asc. node	-5148 Mar 24 j 01:32	23°♒36'30	
	-5148 Mar 26 j 23:49	0°♓	
evening rise	-5148 Mar 30 j 23:39	8°♓31'46	
	-5148 Apr 11 j 06:15	0°♈	
evening max el	-5148 Apr 28 j 16:13	23°♈26'06	26°11'09
desc. node	-5148 May 06 j 09:03	29°♈06'39	
	-5148 May 08 j 12:11	0°♉	
retrograde	-5148 May 12 j 18:24	0°♉44'05	
	-5148 May 16 j 23:09	30°℞♈	
evening set	-5148 May 18 j 21:01	29°♈11'35	
min. Earth dist.	-5148 May 23 j 04:57	26°♈28'39	0.59183 AU
inferior conj	-5148 May 26 j 13:58	23°♈53'45	-4°-4'-20
minimum elong	-5148 May 26 j 11:51	23°♈57'50	4°04'05
morning rise	-5148 Jun 03 j 06:30	19°♈23'06	
direct	-5148 Jun 05 j 17:46	19°♈01'56	
morning max el	-5148 Jun 13 j 11:46	22°♈43'46	18°27'48
	-5148 Jun 19 j 07:28	0°♉	
asc. node	-5148 Jun 20 j 01:28	1°♉09'30	
morning set	-5148 Jun 29 j 14:36	18°♉19'06	
	-5148 Jul 05 j 17:18	0°♊	
superior conj	-5148 Jul 08 j 20:03	5°♊49'27	1°49'27
minimum elong	-5148 Jul 08 j 20:26	5°♊51'17	1°49'41
max. Earth dist.	-5148 Jul 16 j 03:55	18°♊57'40	1.40071 AU
evening rise	-5148 Jul 20 j 16:05	26°♊37'37	
	-5148 Jul 22 j 17:04	0°♋	
desc. node	-5148 Aug 02 j 07:40	16°♋37'51	
	-5148 Aug 11 j 14:46	0°♌	
evening max el	-5148 Aug 24 j 10:32	15°♌40'19	23°31'21
retrograde	-5148 Sep 03 j 22:23	21°♌52'47	
evening set	-5148 Sep 08 j 23:08	19°♌46'50	
inferior conj	-5148 Sep 14 j 07:07	13°♌26'48	0°-35'-12
minimum elong	-5148 Sep 14 j 07:55	13°♌24'03	0°34'39
min. Earth dist.	-5148 Sep 13 j 22:34	13°♌56'06	0.67348 AU
asc. node	-5148 Sep 16 j 00:43	11°♌07'09	
morning rise	-5148 Sep 19 j 16:49	7°♌13'37	
direct	-5148 Sep 23 j 18:12	5°♌41'24	
morning max el	-5148 Oct 02 j 08:52	10°♌46'55	21°16'08
greatest brilliancy	-5148 Oct 07 j 18:47	17°♌05'18	-0.5m
	-5148 Oct 17 j 03:05	0°♍	
desc. node	-5148 Oct 29 j 07:37	18°♍18'38	
morning set	-5148 Nov 01 j 19:17	23°♍44'26	
	-5148 Nov 05 j 18:03	0°♎	
max. Earth dist.	-5148 Nov 09 j 18:53	6°♎31'50	1.42386 AU
superior conj	-5148 Nov 16 j 22:02	18°♎27'47	-1°-39'-24
minimum elong	-5148 Nov 16 j 17:19	18°♎07'34	1°39'10
	-5148 Nov 23 j 12:40	0°♏	
evening rise	-5148 Nov 28 j 07:32	8°♏35'19	
	-5148 Dec 10 j 22:22	0°♐	
asc. node	-5148 Dec 12 j 23:18	2°♐41'50	
evening max el	-5148 Dec 14 j 23:04	4°♐54'49	18°08'07
retrograde	-5148 Dec 21 j 17:00	8°♐23'59	
evening set	-5148 Dec 24 j 07:44	7°♐52'43	
inferior conj	-5148 Dec 31 j 01:18	2°♐50'19	4°03'29
minimum elong	-5148 Dec 30 j 23:55	2°♐53'37	4°03'10
min. Earth dist.	-5147 Jan 03 j 01:24	29°♏57'30	0.61467 AU
	-5147 Jan 03 j 00:19	30°℞♏	
morning rise	-5147 Jan 06 j 13:44	27°♏05'28	
direct	-5147 Jan 13 j 13:43	24°♏40'17	
desc. node	-5147 Jan 25 j 07:35	0°♐14'18	
	-5147 Jan 25 j 00:54	0°♐	
morning max el	-5147 Jan 27 j 14:33	2°♐20'48	27°35'35
	-5147 Feb 16 j 22:26	0°♑	
morning set	-5147 Mar 01 j 02:36	22°♑47'40	
	-5147 Mar 04 j 13:19	0°♒	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-5147 Mar 07 j 05:54	5°♒47'11	1.32751 AU
superior conj	-5147 Mar 08 j 09:49	8°♒18'49	0°-25'-55
minimum elong	-5147 Mar 08 j 10:58	8°♒25'05	0°25'57
asc. node	-5147 Mar 10 j 22:30	13°♒49'23	
evening rise	-5147 Mar 15 j 10:39	23°♒29'56	
	-5147 Mar 18 j 14:28	0°♓	
	-5147 Apr 06 j 05:06	0°♈	
evening max el	-5147 Apr 10 j 10:24	4°♈31'03	24°52'29
desc. node	-5147 Apr 23 j 06:15	11°♈34'06	
retrograde	-5147 Apr 24 j 10:45	11°♈37'24	
evening set	-5147 Apr 29 j 08:45	10°♈41'57	
min. Earth dist.	-5147 May 04 j 22:43	7°♈45'56	0.57284 AU
inferior conj	-5147 May 07 j 21:20	5°♈48'42	-3°-26'-7
minimum elong	-5147 May 07 j 16:20	5°♈57'04	3°25'09
morning rise	-5147 May 16 j 04:10	1°♈37'46	
direct	-5147 May 18 j 14:21	1°♈20'48	
morning max el	-5147 May 27 j 13:58	5°♈32'18	19°12'43
asc. node	-5147 Jun 06 j 22:27	19°♈59'04	
	-5147 Jun 12 j 06:06	0°♉	
morning set	-5147 Jun 13 j 11:45	2°♉26'02	
superior conj	-5147 Jun 21 j 21:18	19°♉02'03	1°46'10
minimum elong	-5147 Jun 21 j 19:43	18°♉54'25	1°46'18
	-5147 Jun 27 j 16:38	0°♊	
max. Earth dist.	-5147 Jun 28 j 05:02	0°♊56'48	1.38141 AU
evening rise	-5147 Jul 02 j 03:21	7°♊58'49	
	-5147 Jul 15 j 14:25	0°♋	
desc. node	-5147 Jul 20 j 04:45	6°♋50'08	
evening max el	-5147 Aug 06 j 21:16	29°♋07'35	24°50'51
	-5147 Aug 07 j 18:55	0°♌	
retrograde	-5147 Aug 18 j 11:11	5°♌53'39	
evening set	-5147 Aug 24 j 03:02	3°♌28'46	
	-5147 Aug 27 j 08:14	30°℞♋	
min. Earth dist.	-5147 Aug 28 j 17:04	28°♋13'35	0.67054 AU
inferior conj	-5147 Aug 29 j 12:19	27°♋09'33	-1°-27'-17
minimum elong	-5147 Aug 29 j 14:17	27°♋02'59	1°26'15
asc. node	-5147 Sep 02 j 21:51	21°♋59'27	
morning rise	-5147 Sep 04 j 01:55	21°♋03'29	
direct	-5147 Sep 07 j 15:41	19°♋49'37	
morning max el	-5147 Sep 15 j 08:15	24°♋18'10	20°05'09
	-5147 Sep 20 j 04:03	0°♌	
greatest brilliancy	-5147 Sep 22 j 15:07	3°♌18'50	-0.6m
	-5147 Oct 10 j 11:24	0°♍	
morning set	-5147 Oct 11 j 18:10	1°♍59'04	
desc. node	-5147 Oct 16 j 04:31	8°♍53'12	
max. Earth dist.	-5147 Oct 23 j 05:17	20°♍00'11	1.43820 AU
superior conj	-5147 Oct 28 j 07:34	28°♍13'29	-1°-11'-33
minimum elong	-5147 Oct 28 j 00:59	27°♍46'41	1°10'49
	-5147 Oct 29 j 09:38	0°♎	
evening rise	-5147 Nov 10 j 13:56	20°♎28'19	
	-5147 Nov 16 j 03:15	0°♏	
evening max el	-5147 Nov 28 j 11:47	18°♏11'43	18°14'24
asc. node	-5147 Nov 29 j 20:28	19°♏27'40	
retrograde	-5147 Dec 05 j 01:15	21°♏43'51	
evening set	-5147 Dec 07 j 19:19	21°♏04'37	
inferior conj	-5147 Dec 14 j 02:42	15°♏41'56	3°43'33
minimum elong	-5147 Dec 13 j 23:51	15°♏49'39	3°42'53
min. Earth dist.	-5147 Dec 16 j 13:29	13°♏03'19	0.63268 AU
morning rise	-5147 Dec 20 j 02:42	9°♏44'57	
direct	-5147 Dec 27 j 03:53	6°♏59'53	
morning max el	-5146 Jan 09 j 21:25	14°♏42'17	27°37'59
desc. node	-5146 Jan 12 j 04:37	17°♏05'02	
	-5146 Jan 22 j 10:17	0°♐	
	-5146 Feb 09 j 11:04	0°♑	
morning set	-5146 Feb 13 j 02:49	7°♑08'32	
max. Earth dist.	-5146 Feb 18 j 12:43	18°♑18'40	1.33255 AU
superior conj	-5146 Feb 20 j 18:35	23°♑06'00	0°-49'-58
minimum elong	-5146 Feb 20 j 20:42	23°♑17'22	0°49'52
	-5146 Feb 23 j 23:27	0°♒	
asc. node	-5146 Feb 25 j 19:32	3°♒56'47	
evening rise	-5146 Feb 27 j 22:15	8°♒25'49	
	-5146 Mar 11 j 08:13	0°♓	
evening max el	-5146 Mar 23 j 02:44	15°♓16'51	23°20'02
retrograde	-5146 Apr 05 j 14:18	21°♓56'01	
evening set	-5146 Apr 09 j 05:25	21°♓27'09	
desc. node	-5146 Apr 10 j 03:26	21°♓11'11	
min. Earth dist.	-5146 Apr 16 j 14:01	18°♓06'16	0.55868 AU
inferior conj	-5146 Apr 18 j 09:05	17°♓02'32	-2°-9'-18
minimum elong	-5146 Apr 18 j 04:01	17°♓10'03	2°07'54
morning rise	-5146 Apr 27 j 05:47	13°♓03'18	
direct	-5146 Apr 29 j 16:37	12°♓48'31	
morning max el	-5146 May 10 j 06:31	17°♓44'27	20°17'47
	-5146 May 19 j 15:17	0°♈	
asc. node	-5146 May 24 j 19:25	9°♈18'37	
morning set	-5146 May 28 j 15:56	16°♈57'33	
	-5146 Jun 04 j 00:49	0°♉	
superior conj	-5146 Jun 05 j 11:34	2°♉56'05	1°35'22
minimum elong	-5146 Jun 05 j 09:00	2°♉43'11	1°35'16
max. Earth dist.	-5146 Jun 10 j 10:07	12°♉41'39	1.36379 AU
evening rise	-5146 Jun 14 j 13:28	20°♉29'40	
	-5146 Jun 19 j 21:28	0°♊	
desc. node	-5146 Jul 07 j 01:50	26°♊40'45	
	-5146 Jul 09 j 12:49	0°♋	
evening max el	-5146 Jul 20 j 07:55	12°♋37'29	26°01'13
retrograde	-5146 Aug 01 j 19:22	19°♋46'23	
evening set	-5146 Aug 08 j 01:50	17°♋06'42	
min. Earth dist.	-5146 Aug 12 j 07:19	12°♋29'41	0.66434 AU
inferior conj	-5146 Aug 13 j 14:23	10°♋51'34	-2°-16'-35
minimum elong	-5146 Aug 13 j 17:19	10°♋42'18	2°15'18
morning rise	-5146 Aug 19 j 09:28	4°♋55'59	
asc. node	-5146 Aug 20 j 18:59	4°♋15'52	
direct	-5146 Aug 22 j 13:56	3°♋57'25	
morning max el	-5146 Aug 29 j 14:21	7°♋56'35	19°08'04
	-5146 Sep 14 j 06:31	0°♌	
morning set	-5146 Sep 21 j 03:37	10°♌48'53	
desc. node	-5146 Oct 03 j 01:24	29°♌33'33	
	-5146 Oct 03 j 08:06	0°♍	
max. Earth dist.	-5146 Oct 05 j 20:58	4°♍00'01	1.44637 AU
superior conj	-5146 Oct 07 j 16:02	6°♍50'18	0°-28'-42
minimum elong	-5146 Oct 07 j 12:25	6°♍35'59	0°28'08
	-5146 Oct 22 j 02:08	0°♎	
evening rise	-5146 Oct 22 j 21:55	1°♎20'46	
	-5146 Nov 10 j 13:31	0°♏	
evening max el	-5146 Nov 12 j 00:05	1°♏35'18	18°38'57
asc. node	-5146 Nov 16 j 17:39	4°♏58'52	
retrograde	-5146 Nov 18 j 16:49	5°♏20'06	
evening set	-5146 Nov 21 j 15:53	4°♏30'54	
	-5146 Nov 26 j 15:27	30°℞♎	
inferior conj	-5146 Nov 27 j 15:07	28°♎50'20	3°10'08
minimum elong	-5146 Nov 27 j 11:50	29°♎00'05	3°09'10
min. Earth dist.	-5146 Nov 29 j 11:20	26°♎39'03	0.64762 AU
morning rise	-5146 Dec 03 j 06:38	22°♎44'07	
direct	-5146 Dec 10 j 00:40	19°♎54'32	
morning max el	-5146 Dec 23 j 06:39	27°♎31'22	27°06'50
	-5146 Dec 25 j 15:43	0°♏	
desc. node	-5146 Dec 30 j 01:36	5°♏09'08	
	-5145 Jan 16 j 02:09	0°♐	
morning set	-5145 Jan 27 j 17:44	20°♐56'25	
	-5145 Feb 01 j 07:03	0°♑	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-5145 Feb 01 j 10:32	0°♉17'44	1.34174 AU
	-5145 Feb 04 j 22:59	7°♉35'16	-1°-12'-18
superior conj	-5145 Feb 05 j 01:47	7°♉49'55	1°12'10
minimum elong	-5145 Feb 12 j 08:39	23°♉12'39	
evening rise	-5145 Feb 12 j 16:34	23°♉53'44	
asc. node	-5145 Feb 15 j 16:35	0°♒	
	-5145 Mar 04 j 23:01	26°♒09'01	21°47'35
evening max el	-5145 Mar 10 j 00:11	0°♓	
	-5145 Mar 17 j 06:27	2°♓04'12	
retrograde	-5145 Mar 20 j 00:05	1°♓47'31	
evening set	-5145 Mar 25 j 01:53	30°℞♒	
	-5145 Mar 28 j 00:36	28°♒27'16	
desc. node	-5145 Mar 29 j 07:02	27°♒44'37	0°-20'-52
inferior conj	-5145 Mar 29 j 06:03	27°♒45'59	0°20'42
minimum elong	-5145 Mar 29 j 04:14	27°♒48'33	0.55231 AU
min. Earth dist.	-5145 Apr 07 j 12:36	23°♒43'08	
morning rise	-5145 Apr 10 j 06:53	23°♒26'09	
direct	-5145 Apr 22 j 12:03	29°♒14'43	21°41'13
morning max el	-5145 Apr 23 j 06:47	0°♓	
	-5145 May 11 j 16:22	29°♓00'26	
asc. node	-5145 May 12 j 04:02	0°♈	
	-5145 May 13 j 00:47	1°♈46'41	
morning set	-5145 May 20 j 10:57	17°♈20'11	1°19'13
superior conj	-5145 May 20 j 08:13	17°♈05'56	1°18'55
minimum elong	-5145 May 24 j 00:22	24°♈39'22	1.34923 AU
max. Earth dist.	-5145 May 26 j 16:36	0°♉	
	-5145 May 28 j 16:54	3°♉54'36	
evening rise	-5145 Jun 12 j 17:16	0°♊	
	-5145 Jun 23 j 22:56	16°♊00'34	
desc. node	-5145 Jul 02 j 19:16	26°♊04'20	26°54'10
evening max el	-5145 Jul 07 j 09:26	0°♋	
	-5145 Jul 15 j 22:21	3°♋25'15	
retrograde	-5145 Jul 22 j 17:09	0°♋38'12	
evening set	-5145 Jul 23 j 10:44	30°℞♊	
	-5145 Jul 26 j 14:56	26°♊40'14	0.65450 AU
min. Earth dist.	-5145 Jul 28 j 11:15	24°♊30'14	-3°-1'-3
inferior conj	-5145 Jul 28 j 14:44	24°♊19'58	2°59'49
minimum elong	-5145 Aug 03 j 13:25	18°♊48'31	
morning rise	-5145 Aug 06 j 10:51	18°♊02'10	
direct	-5145 Aug 07 j 16:03	18°♊10'16	
asc. node	-5145 Aug 13 j 01:43	21°♊40'30	18°27'02
morning max el	-5145 Aug 19 j 13:04	0°♋	
	-5145 Sep 01 j 14:15	20°♋53'13	
morning set	-5145 Sep 07 j 04:47	0°♌	
	-5145 Sep 16 j 15:27	15°♌05'37	0°20'33
superior conj	-5145 Sep 16 j 18:04	15°♌16'01	0°20'26
minimum elong	-5145 Sep 18 j 15:12	18°♌14'24	1.44740 AU
max. Earth dist.	-5145 Sep 19 j 22:18	20°♌17'01	
desc. node	-5145 Sep 26 j 02:33	0°♍	
	-5145 Oct 03 j 04:38	11°♍08'04	
evening rise	-5145 Oct 15 j 06:46	0°♎	
	-5145 Oct 16 j 08:29	1°♎37'31	-0.7m
greatest brilliancy	-5145 Oct 26 j 09:29	15°♎01'39	19°20'27
evening max el	-5145 Nov 02 j 12:29	19°♎07'56	
retrograde	-5145 Nov 03 j 14:49	19°♎00'59	
asc. node	-5145 Nov 05 j 18:34	18°♎06'19	
evening set	-5145 Nov 11 j 11:30	12°♎10'55	2°27'50
inferior conj	-5145 Nov 11 j 08:32	12°♎20'23	2°26'49
minimum elong	-5145 Nov 12 j 18:04	10°♎33'20	0.65903 AU
min. Earth dist.	-5145 Nov 16 j 21:42	5°♎57'53	
morning rise	-5145 Nov 23 j 03:20	3°♎16'19	
direct	-5145 Dec 05 j 16:15	10°♎37'22	26°08'36
morning max el	-5145 Dec 16 j 22:33	24°♎05'08	
desc. node	-5145 Dec 21 j 04:04	0°♏	

	-5144 Jan 08 j 15:10	0°♐	
morning set	-5144 Jan 10 j 19:17	3°♐59'05	
max. Earth dist.	-5144 Jan 14 j 21:03	11°♐43'49	1.35535 AU
superior conj	-5144 Jan 19 j 20:37	21°♐39'09	-1°-31'-29
minimum elong	-5144 Jan 19 j 23:33	21°♐54'06	1°31'27
	-5144 Jan 23 j 22:03	0°♑	
evening rise	-5144 Jan 27 j 16:02	7°♑44'27	
asc. node	-5144 Jan 30 j 13:36	13°♑35'11	
	-5144 Feb 08 j 23:04	0°♒	
evening max el	-5144 Feb 15 j 04:00	7°♒28'22	20°26'11
retrograde	-5144 Feb 25 j 20:51	12°♒32'43	
evening set	-5144 Feb 28 j 06:11	12°♒18'37	
inferior conj	-5144 Mar 08 j 03:53	8°♒20'12	1°32'28
minimum elong	-5144 Mar 08 j 07:44	8°♒14'32	1°31'00
min. Earth dist.	-5144 Mar 09 j 18:11	7°♒23'54	0.55515 AU
desc. node	-5144 Mar 13 j 21:46	5°♒12'09	
morning rise	-5144 Mar 17 j 07:11	3°♒59'16	
direct	-5144 Mar 20 j 20:43	3°♒31'34	
morning max el	-5144 Apr 03 j 08:01	10°♒08'27	23°17'17
	-5144 Apr 17 j 20:53	0°♓	
morning set	-5144 Apr 26 j 12:15	16°♓46'17	
asc. node	-5144 Apr 27 j 13:17	18°♓57'45	
	-5144 May 02 j 17:14	0°♈	
superior conj	-5144 May 03 j 16:30	2°♈04'25	0°59'21
minimum elong	-5144 May 03 j 14:09	1°♈51'56	0°58'56
max. Earth dist.	-5144 May 06 j 00:28	7°♈01'14	1.33827 AU
evening rise	-5144 May 11 j 08:44	17°♈58'23	
	-5144 May 17 j 16:31	0°♉	
	-5144 Jun 06 j 00:59	0°♊	
desc. node	-5144 Jun 09 j 20:05	4°♊35'44	
evening max el	-5144 Jun 14 j 06:04	9°♊15'53	27°22'22
retrograde	-5144 Jun 27 j 19:49	16°♊41'21	
evening set	-5144 Jul 04 j 22:02	13°♊58'07	
min. Earth dist.	-5144 Jul 08 j 13:54	10°♊36'09	0.64076 AU
inferior conj	-5144 Jul 11 j 00:27	7°♊59'55	-3°-38'-3
minimum elong	-5144 Jul 11 j 03:48	7°♊50'56	3°37'09
morning rise	-5144 Jul 17 j 11:17	2°♊35'22	
direct	-5144 Jul 20 j 03:48	1°♊58'31	
asc. node	-5144 Jul 24 j 13:04	3°♊35'18	
morning max el	-5144 Jul 26 j 15:57	5°♊24'53	18°03'15
	-5144 Aug 11 j 20:18	0°♋	
morning set	-5144 Aug 13 j 03:17	2°♋12'40	
superior conj	-5144 Aug 26 j 04:32	24°♋04'04	1°03'31
minimum elong	-5144 Aug 26 j 10:29	24°♋28'18	1°03'08
	-5144 Aug 29 j 20:37	0°♌	
max. Earth dist.	-5144 Aug 31 j 08:01	2°♌21'39	1.44119 AU
desc. node	-5144 Sep 05 j 19:12	11°♌00'18	
evening rise	-5144 Sep 11 j 14:02	20°♌00'37	
	-5144 Sep 18 j 02:12	0°♍	
greatest brilliancy	-5144 Oct 01 j 20:44	20°♍14'26	-0.6m
evening max el	-5144 Oct 08 j 13:50	28°♍27'46	20°17'14
	-5144 Oct 10 j 04:10	0°♎	
retrograde	-5144 Oct 16 j 09:39	3°♎03'38	
evening set	-5144 Oct 20 j 00:56	1°♎46'56	
asc. node	-5144 Oct 20 j 11:57	1°♎26'19	
	-5144 Oct 22 j 01:16	30°℞♍	
inferior conj	-5144 Oct 25 j 13:17	25°♍40'09	1°39'49
minimum elong	-5144 Oct 25 j 11:07	25°♍47'26	1°39'01
min. Earth dist.	-5144 Oct 26 j 07:46	24°♍38'09	0.66700 AU
morning rise	-5144 Oct 30 j 20:45	19°♍22'59	
direct	-5144 Nov 05 j 11:30	16°♍57'30	
morning max el	-5144 Nov 17 j 01:14	23°♍50'29	24°52'02
	-5144 Nov 22 j 13:40	0°♎	
desc. node	-5144 Dec 02 j 19:28	13°♎37'49	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5144 Dec 13 j 14:00	0°♏	
morning set	-5144 Dec 23 j 02:12	16°♏01'41	
max. Earth dist.	-5144 Dec 26 j 21:19	22°♏52'43	1.37298 AU
	-5144 Dec 30 j 16:29	0°♐	
superior conj	-5143 Jan 02 j 08:22	5°♐08'34	-1°-45'-40
minimum elong	-5143 Jan 02 j 10:36	5°♐19'30	1°45'48
evening rise	-5143 Jan 10 j 18:19	21°♐54'54	
	-5143 Jan 14 j 21:18	0°♑	
asc. node	-5143 Jan 16 j 10:40	2°♑55'07	
evening max el	-5143 Jan 27 j 19:27	19°♑23'26	19°22'07
retrograde	-5143 Feb 05 j 21:48	23°♑42'54	
evening set	-5143 Feb 08 j 06:51	23°♑26'30	
inferior conj	-5143 Feb 16 j 13:07	19°♑17'44	3°00'28
minimum elong	-5143 Feb 16 j 18:14	19°♑09'15	2°59'00
min. Earth dist.	-5143 Feb 19 j 08:58	17°♑25'46	0.56645 AU
morning rise	-5143 Feb 25 j 01:59	14°♑27'33	
desc. node	-5143 Feb 28 j 18:55	13°♑37'51	
direct	-5143 Mar 01 j 20:41	13°♑35'09	
morning max el	-5143 Mar 15 j 23:17	20°♑45'52	24°55'00
	-5143 Mar 23 j 21:33	0°♒	
	-5143 Apr 10 j 03:27	0°♓	
morning set	-5143 Apr 11 j 00:35	1°♓50'12	
asc. node	-5143 Apr 14 j 10:14	9°♓05'38	
superior conj	-5143 Apr 18 j 01:56	17°♓01'24	0°36'57
minimum elong	-5143 Apr 18 j 00:22	16°♓52'56	0°36'33
max. Earth dist.	-5143 Apr 19 j 08:24	19°♓46'16	1.33093 AU
	-5143 Apr 24 j 04:12	0°♈	
evening rise	-5143 Apr 25 j 09:18	2°♈29'29	
	-5143 May 10 j 13:28	0°♉	
evening max el	-5143 May 27 j 14:20	22°♉00'14	27°20'11
desc. node	-5143 May 27 j 17:14	22°♉07'11	
retrograde	-5143 Jun 10 j 11:14	29°♉25'31	
evening set	-5143 Jun 17 j 12:48	27°♉00'11	
min. Earth dist.	-5143 Jun 21 j 03:12	24°♉05'09	0.62340 AU
inferior conj	-5143 Jun 24 j 03:02	21°♉14'22	-4°-3'-30
minimum elong	-5143 Jun 24 j 05:13	21°♉09'09	4°03'05
morning rise	-5143 Jul 01 j 00:06	16°♉09'34	
direct	-5143 Jul 03 j 13:31	15°♉40'02	
morning max el	-5143 Jul 10 j 06:26	19°♉03'54	17°57'37
asc. node	-5143 Jul 11 j 10:04	20°♉16'20	
	-5143 Jul 18 j 06:24	0°♊	
morning set	-5143 Jul 26 j 14:15	14°♊34'46	
	-5143 Aug 04 j 07:15	0°♋	
superior conj	-5143 Aug 06 j 20:07	4°♋21'35	1°32'31
minimum elong	-5143 Aug 07 j 00:56	4°♋42'08	1°32'25
max. Earth dist.	-5143 Aug 13 j 20:17	16°♋03'01	1.42869 AU
evening rise	-5143 Aug 21 j 17:48	28°♋39'47	
	-5143 Aug 22 j 14:21	0°♌	
desc. node	-5143 Aug 23 j 16:10	1°♌40'20	
	-5143 Sep 11 j 20:45	0°♍	
greatest brilliancy	-5143 Sep 16 j 08:30	5°♍56'10	-0.4m
evening max el	-5143 Sep 21 j 11:58	11°♍52'44	21°26'41
retrograde	-5143 Sep 30 j 06:11	17°♍04'25	
evening set	-5143 Oct 04 j 08:57	15°♍30'01	
asc. node	-5143 Oct 07 j 09:07	12°♍25'22	
inferior conj	-5143 Oct 09 j 18:20	9°♍15'28	0°48'22
minimum elong	-5143 Oct 09 j 17:14	9°♍19'16	0°48'02
min. Earth dist.	-5143 Oct 10 j 02:01	8°♍49'04	0.67186 AU
morning rise	-5143 Oct 15 j 01:12	2°♍57'11	
direct	-5143 Oct 20 j 00:41	0°♍51'53	
morning max el	-5143 Oct 30 j 10:40	7°♍05'38	23°26'42
greatest brilliancy	-5143 Nov 05 j 11:28	13°♍58'19	-0.2m
	-5143 Nov 17 j 05:39	0°♎	
desc. node	-5143 Nov 19 j 16:21	3°♎36'12	
morning set	-5143 Dec 04 j 08:18	26°♎47'41	
	-5143 Dec 06 j 05:45	0°♍	
max. Earth dist.	-5143 Dec 08 j 17:06	4°♍16'01	1.39324 AU
superior conj	-5143 Dec 16 j 06:05	17°♍51'46	-1°-52'-18
minimum elong	-5143 Dec 16 j 06:26	17°♍53'23	1°52'31
	-5143 Dec 22 j 15:18	0°♐	
evening rise	-5143 Dec 25 j 12:53	5°♐36'29	
asc. node	-5142 Jan 03 j 07:46	21°♐45'25	
	-5142 Jan 09 j 02:31	0°♑	
evening max el	-5142 Jan 10 j 20:14	1°♑50'40	18°37'39
retrograde	-5142 Jan 18 j 16:04	5°♑38'48	
evening set	-5142 Jan 21 j 03:18	5°♑17'30	
inferior conj	-5142 Jan 28 j 17:40	0°♑49'57	3°50'29
minimum elong	-5142 Jan 28 j 20:38	0°♑44'15	3°49'52
	-5142 Jan 29 j 19:29	30°℞♐	
min. Earth dist.	-5142 Feb 01 j 01:57	28°♐16'36	0.58369 AU
morning rise	-5142 Feb 05 j 10:23	25°♐33'35	
direct	-5142 Feb 11 j 09:59	24°♐04'01	
desc. node	-5142 Feb 15 j 16:01	24°♐48'17	
	-5142 Feb 23 j 23:36	0°♑	
morning max el	-5142 Feb 25 j 15:43	1°♑32'40	26°19'44
	-5142 Mar 17 j 21:13	0°♒	
morning set	-5142 Mar 26 j 12:04	16°♒51'11	
asc. node	-5142 Apr 01 j 07:12	29°♒18'45	
	-5142 Apr 01 j 14:45	0°♓	
superior conj	-5142 Apr 02 j 13:20	2°♓03'27	0°12'59
minimum elong	-5142 Apr 02 j 12:46	2°♓00'21	0°12'42
behind sun begin	-5142 Apr 02 j 09:47	1°♓44'06	
behind sun end	-5142 Apr 02 j 15:44	2°♓16'37	
max. Earth dist.	-5142 Apr 02 j 20:52	2°♓44'40	1.32697 AU
evening rise	-5142 Apr 09 j 15:39	17°♓17'24	
	-5142 Apr 16 j 01:48	0°♈	
	-5142 May 05 j 19:40	0°♉	
evening max el	-5142 May 09 j 17:51	4°♉07'23	26°45'21
desc. node	-5142 May 14 j 14:26	8°♉08'17	
retrograde	-5142 May 23 j 19:16	11°♉29'03	
evening set	-5142 May 30 j 09:27	9°♉35'09	
min. Earth dist.	-5142 Jun 03 j 07:19	6°♉52'21	0.60353 AU
inferior conj	-5142 Jun 06 j 15:33	4°♉05'26	-4°-11'-15
minimum elong	-5142 Jun 06 j 15:17	4°♉06'00	4°11'07
	-5142 Jun 12 j 10:40	30°℞♈	
morning rise	-5142 Jun 14 j 00:28	29°♈22'00	
direct	-5142 Jun 16 j 12:12	28°♈58'09	
	-5142 Jun 20 j 09:59	0°♉	
morning max el	-5142 Jun 23 j 18:23	2°♉30'11	18°11'03
asc. node	-5142 Jun 28 j 07:05	7°♉57'50	
morning set	-5142 Jul 09 j 17:54	27°♉46'29	
	-5142 Jul 10 j 22:24	0°♊	
superior conj	-5142 Jul 19 j 14:16	15°♊58'35	1°46'52
minimum elong	-5142 Jul 19 j 16:14	16°♊07'21	1°47'03
max. Earth dist.	-5142 Jul 27 j 02:51	29°♊05'50	1.41167 AU
	-5142 Jul 27 j 15:41	0°♋	
evening rise	-5142 Aug 01 j 12:20	8°♋02'03	
desc. node	-5142 Aug 10 j 13:10	22°♋13'32	
	-5142 Aug 15 j 18:00	0°♌	
greatest brilliancy	-5142 Aug 30 j 07:41	19°♌51'26	-0.3m
evening max el	-5142 Sep 04 j 04:13	25°♌17'46	22°44'48
	-5142 Sep 10 j 01:14	0°♍	
retrograde	-5142 Sep 14 j 00:32	1°♍08'11	
	-5142 Sep 17 j 15:44	30°℞♌	
evening set	-5142 Sep 18 j 16:46	29°♌14'07	
inferior conj	-5142 Sep 24 j 00:49	22°♌55'17	0°-4'-36
minimum elong	-5142 Sep 24 j 00:55	22°♌54'56	0°04'23
transit middle	-5142 Sep 24 j 00:55	22°♌54'56	0°04'23

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

transit begin	-5142 Sep 23 j 22:19	23°♌03'55	
transit end	-5142 Sep 24 j 03:31	22°♌45'58	
min. Earth dist.	-5142 Sep 23 j 22:16	23°♌04'06	0.67376 AU
asc. node	-5142 Sep 24 j 06:15	22°♌36'33	
morning rise	-5142 Sep 29 j 08:59	16°♌39'14	
direct	-5142 Oct 03 j 18:04	14°♌55'03	
morning max el	-5142 Oct 12 j 23:34	20°♌24'45	22°01'49
greatest brilliancy	-5142 Oct 17 j 19:57	25°♌56'13	-0.4m
	-5142 Oct 20 j 23:57	0°♍	
desc. node	-5142 Nov 06 j 13:15	23°♍53'08	
	-5142 Nov 10 j 12:10	0°♎	
morning set	-5142 Nov 14 j 09:57	6°♎11'05	
max. Earth dist.	-5142 Nov 20 j 16:27	16°♎26'07	1.41350 AU
superior conj	-5142 Nov 28 j 08:35	29°♎36'05	-1°-48'-8
minimum elong	-5142 Nov 28 j 05:49	29°♎23'56	1°48'09
	-5142 Nov 28 j 14:00	0°♏	
evening rise	-5142 Dec 08 j 20:39	18°♏42'48	
	-5142 Dec 15 j 00:58	0°♐	
asc. node	-5142 Dec 21 j 04:54	9°♐56'54	
evening max el	-5142 Dec 25 j 03:54	14°♐43'14	18°13'11
retrograde	-5141 Jan 01 j 04:08	18°♐15'10	
evening set	-5141 Jan 03 j 17:37	17°♐47'41	
inferior conj	-5141 Jan 10 j 18:04	12°♐57'54	4°06'19
minimum elong	-5141 Jan 10 j 18:04	12°♐57'54	4°06'03
min. Earth dist.	-5141 Jan 13 j 23:54	10°♐05'41	0.60350 AU
morning rise	-5141 Jan 17 j 15:44	7°♐22'13	
direct	-5141 Jan 24 j 10:29	5°♐14'43	
desc. node	-5141 Feb 02 j 13:07	8°♐38'04	
morning max el	-5141 Feb 07 j 13:34	12°♐51'27	27°17'44
	-5141 Feb 21 j 04:55	0°♑	
	-5141 Mar 10 j 00:58	0°♒	
morning set	-5141 Mar 10 j 20:53	1°♒42'30	
max. Earth dist.	-5141 Mar 17 j 10:15	15°♒43'42	1.32634 AU
superior conj	-5141 Mar 18 j 01:01	17°♒04'17	0°-11'-43
minimum elong	-5141 Mar 18 j 01:32	17°♒07'10	0°11'50
behind sun begin	-5141 Mar 17 j 22:11	16°♒48'53	
behind sun end	-5141 Mar 18 j 04:53	17°♒25'28	
asc. node	-5141 Mar 19 j 04:12	19°♒32'52	
	-5141 Mar 24 j 00:09	0°♓	
evening rise	-5141 Mar 25 j 01:31	2°♓13'55	
	-5141 Apr 09 j 05:42	0°♈	
evening max el	-5141 Apr 21 j 15:20	15°♈33'28	25°40'19
desc. node	-5141 May 01 j 11:38	22°♈04'18	
retrograde	-5141 May 05 j 17:37	22°♈47'08	
evening set	-5141 May 11 j 08:56	21°♈31'19	
min. Earth dist.	-5141 May 16 j 03:58	18°♈44'22	0.58338 AU
inferior conj	-5141 May 19 j 10:20	16°♈23'24	-3°-52'-38
minimum elong	-5141 May 19 j 06:50	16°♈29'45	3°52'08
morning rise	-5141 May 27 j 08:46	12°♈01'17	
direct	-5141 May 29 j 19:35	11°♈41'59	
morning max el	-5141 Jun 07 j 00:52	15°♈34'48	18°44'22
asc. node	-5141 Jun 15 j 04:06	26°♈25'57	
	-5141 Jun 17 j 05:44	0°♉	
morning set	-5141 Jun 23 j 09:43	11°♉36'14	
superior conj	-5141 Jul 02 j 05:49	28°♉40'46	1°49'07
minimum elong	-5141 Jul 02 j 05:15	28°♉38'06	1°49'21
	-5141 Jul 02 j 22:39	0°♊	
max. Earth dist.	-5141 Jul 09 j 05:12	11°♊27'10	1.39248 AU
evening rise	-5141 Jul 13 j 08:31	18°♊38'37	
	-5141 Jul 20 j 05:48	0°♋	
desc. node	-5141 Jul 28 j 10:11	12°♋35'06	
	-5141 Aug 10 j 01:02	0°♌	
evening max el	-5141 Aug 17 j 16:19	8°♌44'05	24°05'48
retrograde	-5141 Aug 28 j 15:26	15°♌11'08	
evening set	-5141 Sep 02 j 22:37	12°♌56'59	
inferior conj	-5141 Sep 08 j 06:58	6°♌37'11	0°-57'-29
minimum elong	-5141 Sep 08 j 08:17	6°♌32'43	0°56'44
min. Earth dist.	-5141 Sep 07 j 18:01	7°♌21'05	0.67268 AU
asc. node	-5141 Sep 11 j 03:24	2°♌57'11	
morning rise	-5141 Sep 13 j 18:08	0°♌26'40	
	-5141 Sep 14 j 09:59	30°℞♋	
direct	-5141 Sep 17 j 14:24	29°♋02'25	
	-5141 Sep 20 j 23:59	0°♌	
morning max el	-5141 Sep 25 j 18:45	3°♌50'49	20°44'22
greatest brilliancy	-5141 Oct 01 j 20:21	11°♌04'35	-0.5m
	-5141 Oct 15 j 00:38	0°♍	
desc. node	-5141 Oct 24 j 10:07	14°♍22'20	
morning set	-5141 Oct 24 j 13:12	14°♍34'17	
max. Earth dist.	-5141 Nov 02 j 23:21	29°♍30'36	1.43073 AU
	-5141 Nov 03 j 06:37	0°♎	
superior conj	-5141 Nov 09 j 10:02	10°♎06'49	-1°-29'-36
minimum elong	-5141 Nov 09 j 04:07	9°♎42'04	1°29'08
	-5141 Nov 20 j 22:50	0°♏	
evening rise	-5141 Nov 21 j 13:34	1°♏05'03	
asc. node	-5141 Dec 08 j 02:02	27°♏17'45	
evening max el	-5141 Dec 08 j 15:32	27°♏52'51	18°08'27
	-5141 Dec 11 j 04:22	0°♐	
retrograde	-5141 Dec 15 j 06:23	1°♐21'50	
evening set	-5141 Dec 17 j 22:29	0°♐47'12	
	-5141 Dec 19 j 10:04	30°℞♏	
inferior conj	-5141 Dec 24 j 11:25	25°♏35'39	3°57'02
minimum elong	-5141 Dec 24 j 09:16	25°♏41'05	3°56'34
min. Earth dist.	-5141 Dec 27 j 06:05	22°♏47'08	0.62271 AU
morning rise	-5141 Dec 30 j 18:03	19°♏45'25	
direct	-5140 Jan 06 j 19:47	17°♏10'12	
desc. node	-5140 Jan 20 j 10:11	24°♏32'57	
morning max el	-5140 Jan 20 j 17:42	24°♏51'14	27°41'04
	-5140 Jan 25 j 11:47	0°♐	
	-5140 Feb 14 j 12:37	0°♑	
morning set	-5140 Feb 23 j 00:58	16°♑17'06	
max. Earth dist.	-5140 Feb 28 j 20:49	28°♑30'16	1.32919 AU
	-5140 Feb 29 j 13:28	0°♒	
superior conj	-5140 Mar 01 j 11:20	1°♒58'13	0°-36'-16
minimum elong	-5140 Mar 01 j 12:55	2°♒06'48	0°36'13
asc. node	-5140 Mar 05 j 01:12	9°♒44'04	
evening rise	-5140 Mar 08 j 13:00	17°♒12'09	
	-5140 Mar 14 j 22:26	0°♓	
evening max el	-5140 Apr 02 j 08:09	26°♓27'35	24°14'02
	-5140 Apr 06 j 14:53	0°♈	
retrograde	-5140 Apr 16 j 04:17	3°♈24'09	
desc. node	-5140 Apr 17 j 08:51	3°♈20'55	
evening set	-5140 Apr 20 j 13:02	2°♈41'37	
	-5140 Apr 26 j 04:41	30°℞♓	
min. Earth dist.	-5140 Apr 26 j 20:03	29°♓36'43	0.56601 AU
inferior conj	-5140 Apr 29 j 09:07	28°♓00'54	-2°-58'-22
minimum elong	-5140 Apr 29 j 03:34	28°♓09'40	2°57'04
morning rise	-5140 May 07 j 22:05	23°♓56'29	
direct	-5140 May 10 j 08:24	23°♓40'38	
morning max el	-5140 May 19 j 23:11	28°♓08'59	19°38'03
	-5140 May 21 j 18:51	0°♈	
asc. node	-5140 Jun 01 j 01:05	15°♈29'44	
morning set	-5140 Jun 06 j 10:14	25°♈55'22	
	-5140 Jun 08 j 10:53	0°♉	
superior conj	-5140 Jun 14 j 13:12	12°♉13'16	1°42'21
minimum elong	-5140 Jun 14 j 11:06	12°♉02'54	1°42'25
max. Earth dist.	-5140 Jun 20 j 07:42	23°♉19'20	1.37361 AU
	-5140 Jun 23 j 23:08	0°♊	
evening rise	-5140 Jun 24 j 06:10	0°♊31'32	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5140 Jul 12 j 10:53	0°♋		
desc. node	-5140 Jul 14 j 07:14	2°♋39'33		
evening max el	-5140 Jul 30 j 02:48	22°♋13'11	25°22'15	
retrograde	-5140 Aug 11 j 02:14	29°♋09'49		
evening set	-5140 Aug 17 j 00:36	26°♋37'43		
min. Earth dist.	-5140 Aug 21 j 10:52	21°♋38'49	0.66844 AU	
inferior conj	-5140 Aug 22 j 11:03	20°♋20'00	-1°-48'-37	
minimum elong	-5140 Aug 22 j 13:28	20°♋12'07	1°47'27	
morning rise	-5140 Aug 28 j 02:50	14°♋18'16		
asc. node	-5140 Aug 28 j 00:32	14°♋22'05		
direct	-5140 Aug 31 j 12:23	13°♋11'19		
morning max el	-5140 Sep 07 j 21:12	17°♋25'54	19°38'59	
greatest brilliancy	-5140 Sep 16 j 10:33	28°♋22'07	-0.7m	
	-5140 Sep 17 j 13:29	0°♌		
morning set	-5140 Oct 02 j 13:56	22°♌57'04		
	-5140 Oct 07 j 02:26	0°♍		
desc. node	-5140 Oct 10 j 06:58	4°♍59'44		
max. Earth dist.	-5140 Oct 15 j 12:48	13°♍16'21	1.44259 AU	
superior conj	-5140 Oct 19 j 07:48	19°♍19'33	0°-54'-51	
minimum elong	-5140 Oct 19 j 01:48	18°♍55'27	0°54'05	
	-5140 Oct 25 j 21:39	0°♎		
evening rise	-5140 Nov 02 j 10:58	12°♎33'42		
	-5140 Nov 12 j 22:58	0°♏		
evening max el	-5140 Nov 21 j 04:18	11°♏12'46	18°22'37	
asc. node	-5140 Nov 23 j 23:11	13°♏33'41		
retrograde	-5140 Nov 27 j 18:20	14°♏49'28		
evening set	-5140 Nov 30 j 14:16	14°♏06'15		
inferior conj	-5140 Dec 06 j 17:55	8°♏35'18	3°30'43	
minimum elong	-5140 Dec 06 j 14:47	8°♏44'11	3°29'53	
min. Earth dist.	-5140 Dec 08 j 22:22	6°♏07'18	0.63943 AU	
morning rise	-5140 Dec 12 j 13:50	2°♏33'53		
	-5140 Dec 17 j 10:37	30°℞♎		
direct	-5140 Dec 19 j 12:38	29°♎45'26		
	-5140 Dec 21 j 16:24	0°♏		
morning max el	-5139 Jan 02 j 02:08	7°♏26'40	27°28'37	
desc. node	-5139 Jan 06 j 07:11	11°♏58'07		
	-5139 Jan 19 j 13:44	0°♐		
morning set	-5139 Feb 05 j 21:37	0°♑25'19		
	-5139 Feb 05 j 16:29	0°♑		
max. Earth dist.	-5139 Feb 11 j 00:24	10°♑49'52	1.33591 AU	
superior conj	-5139 Feb 13 j 18:26	16°♑38'20	0°-59'-45	
minimum elong	-5139 Feb 13 j 20:54	16°♑51'23	0°59'36	
asc. node	-5139 Feb 19 j 22:11	29°♑47'31		
	-5139 Feb 20 j 00:33	0°♒		
evening rise	-5139 Feb 21 j 00:17	2°♒04'52		
	-5139 Mar 08 j 19:13	0°♓		
evening max el	-5139 Mar 15 j 01:10	7°♓11'57	22°39'55	
retrograde	-5139 Mar 28 j 02:43	13°♓34'56		
evening set	-5139 Mar 31 j 07:04	13°♓12'44		
desc. node	-5139 Apr 04 j 06:04	11°♓49'45		
min. Earth dist.	-5139 Apr 08 j 10:34	9°♓37'31	0.55482 AU	
inferior conj	-5139 Apr 09 j 13:44	8°♓58'33	-1°-25'-59	
minimum elong	-5139 Apr 09 j 09:59	9°♓03'56	1°24'53	
morning rise	-5139 Apr 18 j 15:16	5°♓00'54		
direct	-5139 Apr 21 j 03:54	4°♓46'01		
morning max el	-5139 May 02 j 11:09	10°♓03'40	20°51'24	
	-5139 May 16 j 07:52	0°♈		
asc. node	-5139 May 18 j 22:02	4°♈59'24		
morning set	-5139 May 21 j 16:39	10°♈35'01		
superior conj	-5139 May 29 j 07:46	26°♈21'29	1°29'05	
minimum elong	-5139 May 29 j 05:03	26°♈07'35	1°28'53	
	-5139 May 31 j 02:44	0°♉		
max. Earth dist.	-5139 Jun 02 j 16:02	5°♉05'49	1.35709 AU	
evening rise	-5139 Jun 07 j 00:15	13°♉26'55		

	-5139 Jun 16 j 08:48	0°♊		
desc. node	-5139 Jul 01 j 04:21	22°♊18'38		
	-5139 Jul 07 j 06:47	0°♋		
evening max el	-5139 Jul 12 j 13:30	5°♋42'00	26°26'14	
retrograde	-5139 Jul 25 j 08:23	12°♋57'56		
evening set	-5139 Jul 31 j 20:34	10°♋13'38		
min. Earth dist.	-5139 Aug 04 j 22:31	5°♋53'31	0.66062 AU	
inferior conj	-5139 Aug 06 j 11:09	4°♋01'03	-2°-36'-11	
minimum elong	-5139 Aug 06 j 14:23	3°♋51'07	2°34'53	
	-5139 Aug 10 j 00:44	30°℞♊		
morning rise	-5139 Aug 12 j 09:06	28°♊11'12		
asc. node	-5139 Aug 14 j 21:37	27°♊19'56		
direct	-5139 Aug 15 j 10:12	27°♊18'23		
	-5139 Aug 21 j 01:32	0°♋		
morning max el	-5139 Aug 22 j 05:53	1°♋07'45	18°48'34	
	-5139 Sep 10 j 22:59	0°♌		
morning set	-5139 Sep 12 j 09:14	2°♌16'50		
desc. node	-5139 Sep 27 j 03:50	25°♌42'05		
superior conj	-5139 Sep 28 j 09:47	27°♌40'10	0°-7'-50	
minimum elong	-5139 Sep 28 j 08:47	27°♌36'12	0°07'33	
behind sun begin	-5139 Sep 27 j 22:32	26°♌55'49		
behind sun end	-5139 Sep 28 j 19:02	28°♌16'35		
max. Earth dist.	-5139 Sep 28 j 05:43	27°♌24'05	1.44768 AU	
	-5139 Sep 29 j 21:16	0°♍		
evening rise	-5139 Oct 14 j 08:23	22°♍59'13		
	-5139 Oct 18 j 17:09	0°♎		
evening max el	-5139 Nov 04 j 15:37	24°♎38'13	18°54'35	
asc. node	-5139 Nov 10 j 20:20	28°♎29'06		
retrograde	-5139 Nov 11 j 12:06	28°♎31'32		
evening set	-5139 Nov 14 j 13:46	27°♎37'33		
inferior conj	-5139 Nov 20 j 10:07	21°♎50'18	2°53'04	
minimum elong	-5139 Nov 20 j 06:54	22°♎00'12	2°52'02	
min. Earth dist.	-5139 Nov 22 j 00:24	19°♎52'38	0.65287 AU	
morning rise	-5139 Nov 25 j 22:59	15°♎40'35		
direct	-5139 Dec 02 j 12:07	12°♎52'58		
morning max el	-5139 Dec 15 j 11:55	20°♎25'29	26°44'51	
	-5139 Dec 23 j 19:44	0°♏		
desc. node	-5139 Dec 24 j 04:07	0°♏26'59		
	-5138 Jan 12 j 15:21	0°♐		
morning set	-5138 Jan 20 j 07:26	13°♐56'17		
max. Earth dist.	-5138 Jan 24 j 17:28	22°♐34'12	1.34695 AU	
	-5138 Jan 28 j 09:04	0°♑		
superior conj	-5138 Jan 28 j 20:17	0°♑58'02	-1°-20'-56	
minimum elong	-5138 Jan 28 j 23:13	1°♑13'16	1°20'50	
evening rise	-5138 Feb 05 j 09:38	16°♑46'09		
asc. node	-5138 Feb 06 j 19:13	19°♑38'41		
	-5138 Feb 12 j 03:02	0°♒		
evening max el	-5138 Feb 25 j 00:42	18°♒13'57	21°11'09	
retrograde	-5138 Mar 08 j 16:51	23°♒47'49		
evening set	-5138 Mar 11 j 05:11	23°♒33'14		
inferior conj	-5138 Mar 20 j 09:27	19°♒34'27	0°28'39	
minimum elong	-5138 Mar 20 j 10:45	19°♒32'36	0°27'59	
min. Earth dist.	-5138 Mar 21 j 00:58	19°♒12'24	0.55236 AU	
desc. node	-5138 Mar 22 j 03:14	18°♒35'27		
morning rise	-5138 Mar 29 j 15:36	15°♒26'09		
direct	-5138 Apr 01 j 16:14	15°♒06'05		
morning max el	-5138 Apr 14 j 12:20	21°♒17'14	22°21'03	
	-5138 Apr 21 j 21:16	0°♓		
asc. node	-5138 May 05 j 18:57	24°♓48'10		
morning set	-5138 May 06 j 02:47	25°♓28'44		
	-5138 May 08 j 06:30	0°♈		
superior conj	-5138 May 13 j 10:04	10°♈54'52	1°11'11	
minimum elong	-5138 May 13 j 07:26	10°♈41'03	1°10'48	
max. Earth dist.	-5138 May 16 j 10:10	17°♈10'59	1.34408 AU	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening rise	-5138 May 21 j 09:28	27°♈09'43	
	-5138 May 22 j 20:45	0°♉	
	-5138 Jun 09 j 15:39	0°♊	
desc. node	-5138 Jun 18 j 01:30	11°♊21'19	
evening max el	-5138 Jun 25 j 00:46	19°♊03'22	27°09'39
retrograde	-5138 Jul 08 j 09:20	26°♊27'44	
evening set	-5138 Jul 15 j 07:52	23°♊40'47	
min. Earth dist.	-5138 Jul 19 j 02:46	19°♊58'38	0.64904 AU
inferior conj	-5138 Jul 21 j 05:05	17°♊36'21	-3°-17'-56
minimum elong	-5138 Jul 21 j 08:37	17°♊26'19	3°16'48
morning rise	-5138 Jul 27 j 10:44	12°♊01'29	
direct	-5138 Jul 30 j 05:43	11°♊19'35	
asc. node	-5138 Aug 01 j 18:40	11°♊53'49	
morning max el	-5138 Aug 05 j 18:44	14°♊52'12	18°14'44
	-5138 Aug 16 j 12:46	0°♋	
morning set	-5138 Aug 24 j 07:27	12°♋53'58	
	-5138 Sep 03 j 17:11	0°♌	
superior conj	-5138 Sep 07 j 12:35	6°♌07'13	0°40'11
minimum elong	-5138 Sep 07 j 17:14	6°♌25'47	0°39'51
max. Earth dist.	-5138 Sep 10 j 23:15	11°♌35'57	1.44556 AU
desc. node	-5138 Sep 14 j 00:44	16°♌25'54	
	-5138 Sep 22 j 16:53	0°♍	
evening rise	-5138 Sep 24 j 04:51	2°♍19'59	
greatest brilliancy	-5138 Oct 10 j 18:56	27°♍37'42	-0.7m
	-5138 Oct 12 j 11:05	0°♎	
evening max el	-5138 Oct 18 j 23:08	8°♎05'08	19°42'54
retrograde	-5138 Oct 26 j 08:36	12°♎23'01	
asc. node	-5138 Oct 28 j 17:30	11°♎50'20	
evening set	-5138 Oct 29 j 18:16	11°♎15'29	
inferior conj	-5138 Nov 04 j 09:05	5°♎15'05	2°08'00
minimum elong	-5138 Nov 04 j 06:25	5°♎23'50	2°07'03
min. Earth dist.	-5138 Nov 05 j 10:26	3°♎52'16	0.66286 AU
	-5138 Nov 08 j 16:39	30°℞♍	
morning rise	-5138 Nov 09 j 17:50	28°♍59'55	
direct	-5138 Nov 15 j 17:26	26°♍24'06	
	-5138 Nov 23 j 21:39	0°♎	
morning max el	-5138 Nov 27 j 21:03	3°♎34'55	25°37'33
desc. node	-5138 Dec 11 j 01:01	19°♎40'08	
	-5138 Dec 18 j 03:15	0°♏	
morning set	-5137 Jan 03 j 01:45	26°♏35'17	
	-5137 Jan 04 j 22:16	0°♐	
max. Earth dist.	-5137 Jan 06 j 22:46	3°♐47'51	1.36243 AU
superior conj	-5137 Jan 12 j 14:08	14°♐48'31	-1°-38'-15
minimum elong	-5137 Jan 12 j 16:54	15°♐02'21	1°38'18
	-5137 Jan 20 j 01:26	0°♑	
evening rise	-5137 Jan 20 j 15:04	1°♑09'16	
asc. node	-5137 Jan 24 j 16:16	9°♑11'36	
evening max el	-5137 Feb 07 j 10:14	29°♑48'33	19°56'37
	-5137 Feb 07 j 15:07	0°♒	
retrograde	-5137 Feb 17 j 09:52	4°♒31'47	
evening set	-5137 Feb 19 j 18:36	4°♒17'07	
inferior conj	-5137 Feb 28 j 10:10	0°♒16'12	2°14'09
minimum elong	-5137 Feb 28 j 15:05	0°♒08'38	2°12'28
	-5137 Feb 28 j 20:41	30°℞♑	
min. Earth dist.	-5137 Mar 02 j 15:14	28°♑54'54	0.55909 AU
morning rise	-5137 Mar 09 j 08:31	25°♑43'07	
desc. node	-5137 Mar 09 j 00:23	25°♑49'19	
direct	-5137 Mar 13 j 10:05	25°♑06'30	
	-5137 Mar 24 j 23:12	0°♒	
morning max el	-5137 Mar 27 j 05:23	2°♒00'08	23°59'26
	-5137 Apr 15 j 09:38	0°♓	
morning set	-5137 Apr 20 j 14:48	10°♓30'36	
asc. node	-5137 Apr 22 j 15:55	14°♓50'28	
superior conj	-5137 Apr 27 j 17:30	25°♓45'08	0°50'06
minimum elong	-5137 Apr 27 j 15:27	25°♓34'08	0°49'40
max. Earth dist.	-5137 Apr 29 j 14:00	29°♓43'33	1.33474 AU
	-5137 Apr 29 j 17:05	0°♈	
evening rise	-5137 May 05 j 05:26	11°♈26'35	
	-5137 May 15 j 03:26	0°♉	
desc. node	-5137 Jun 04 j 22:41	29°♉32'19	
	-5137 Jun 05 j 09:06	0°♊	
evening max el	-5137 Jun 07 j 11:03	2°♊05'48	27°25'34
retrograde	-5137 Jun 21 j 04:16	9°♊31'09	
evening set	-5137 Jun 28 j 07:14	6°♊54'09	
min. Earth dist.	-5137 Jul 01 j 21:52	3°♊44'47	0.63370 AU
inferior conj	-5137 Jul 04 j 14:12	1°♊00'52	-3°-50'-38
minimum elong	-5137 Jul 04 j 17:12	0°♊53'11	3°49'56
	-5137 Jul 05 j 14:15	30°℞♉	
morning rise	-5137 Jul 11 j 05:08	25°♉44'05	
direct	-5137 Jul 13 j 20:09	25°♉10'31	
asc. node	-5137 Jul 19 j 15:42	27°♉53'03	
morning max el	-5137 Jul 20 j 09:22	28°♉34'48	17°58'36
	-5137 Jul 21 j 17:13	0°♊	
morning set	-5137 Aug 06 j 06:35	24°♊42'26	
	-5137 Aug 09 j 07:32	0°♋	
superior conj	-5137 Aug 18 j 12:15	15°♋37'16	1°17'42
minimum elong	-5137 Aug 18 j 18:08	16°♋01'40	1°17'23
max. Earth dist.	-5137 Aug 24 j 14:40	25°♋35'15	1.43657 AU
	-5137 Aug 27 j 08:53	0°♌	
desc. node	-5137 Aug 31 j 21:41	7°♌08'31	
evening rise	-5137 Sep 03 j 09:26	11°♌00'49	
	-5137 Sep 15 j 21:54	0°♍	
greatest brilliancy	-5137 Sep 26 j 03:20	14°♍29'32	-0.5m
evening max el	-5137 Oct 02 j 01:05	21°♍31'40	20°45'26
retrograde	-5137 Oct 10 j 05:38	26°♍21'33	
evening set	-5137 Oct 14 j 01:37	24°♍57'33	
asc. node	-5137 Oct 15 j 14:39	23°♍36'35	
inferior conj	-5137 Oct 19 j 12:31	18°♍47'16	1°18'18
minimum elong	-5137 Oct 19 j 10:47	18°♍53'11	1°17'41
min. Earth dist.	-5137 Oct 20 j 02:18	18°♍00'29	0.66953 AU
morning rise	-5137 Oct 24 j 19:31	12°♍29'28	
direct	-5137 Oct 30 j 03:52	10°♍12'10	
morning max el	-5137 Nov 10 j 05:49	16°♍48'41	24°16'10
	-5137 Nov 21 j 04:58	0°♎	
desc. node	-5137 Nov 27 j 21:56	9°♎24'58	
	-5137 Dec 11 j 03:42	0°♏	
morning set	-5137 Dec 15 j 22:48	8°♏06'42	
max. Earth dist.	-5137 Dec 19 j 20:16	14°♏58'49	1.38153 AU
superior conj	-5137 Dec 26 j 20:32	28°♏00'04	-1°-49'-35
minimum elong	-5137 Dec 26 j 22:07	28°♏07'42	1°49'47
	-5137 Dec 27 j 21:29	0°♐	
evening rise	-5136 Jan 04 j 14:25	15°♐08'20	
asc. node	-5136 Jan 11 j 13:21	28°♐19'50	
	-5136 Jan 12 j 12:21	0°♑	
evening max el	-5136 Jan 21 j 05:56	11°♑57'57	19°00'38
retrograde	-5136 Jan 29 j 17:45	16°♑01'58	
evening set	-5136 Feb 01 j 03:50	15°♑43'33	
inferior conj	-5136 Feb 09 j 03:09	11°♑27'11	3°26'22
minimum elong	-5136 Feb 09 j 07:36	11°♑19'18	3°25'15
min. Earth dist.	-5136 Feb 12 j 06:19	9°♑15'31	0.57334 AU
morning rise	-5136 Feb 17 j 07:44	6°♑25'29	
direct	-5136 Feb 22 j 15:38	5°♑18'19	
desc. node	-5136 Feb 23 j 21:31	5°♑22'02	
morning max el	-5136 Mar 07 j 20:16	12°♑37'19	25°33'36
	-5136 Mar 21 j 08:32	0°♒	
morning set	-5136 Apr 04 j 02:59	25°♒33'58	
	-5136 Apr 06 j 05:09	0°♓	
asc. node	-5136 Apr 08 j 12:52	5°♓00'59	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5136 Apr 11 j 03:57	10°♓44'44	0°26'55
minimum elong	-5136 Apr 11 j 02:48	10°♓38'25	0°26'33
max. Earth dist.	-5136 Apr 12 j 00:31	12°♓36'36	1.32887 AU
evening rise	-5136 Apr 18 j 08:46	26°♓05'50	
	-5136 Apr 20 j 06:54	0°♈	
	-5136 May 07 j 16:39	0°♉	
evening max el	-5136 May 19 j 17:39	14°♉35'27	27°09'24
desc. node	-5136 May 21 j 19:53	16°♉29'10	
retrograde	-5136 Jun 02 j 16:24	21°♉58'46	
evening set	-5136 Jun 09 j 14:44	19°♉45'28	
min. Earth dist.	-5136 Jun 13 j 06:59	16°♉57'49	0.61515 AU
inferior conj	-5136 Jun 16 j 11:15	14°♉06'21	-4°-9'-25
minimum elong	-5136 Jun 16 j 12:33	14°♉03'25	4°09'11
morning rise	-5136 Jun 23 j 13:08	9°♉10'27	
direct	-5136 Jun 26 j 01:52	8°♉43'20	
morning max el	-5136 Jul 02 j 23:05	12°♉08'58	18°01'01
asc. node	-5136 Jul 05 j 12:43	15°♉01'22	
	-5136 Jul 14 j 22:48	0°♊	
morning set	-5136 Jul 19 j 01:15	7°♊27'04	
superior conj	-5136 Jul 29 j 15:34	26°♊29'26	1°40'17
minimum elong	-5136 Jul 29 j 19:13	26°♊45'22	1°40'20
	-5136 Jul 31 j 16:14	0°♋	
max. Earth dist.	-5136 Aug 06 j 01:06	9°♋03'17	1.42188 AU
evening rise	-5136 Aug 12 j 17:17	19°♋51'52	
desc. node	-5136 Aug 17 j 18:41	27°♋46'01	
	-5136 Aug 19 j 05:38	0°♌	
greatest brilliancy	-5136 Sep 09 j 01:20	29°♌29'03	-0.4m
	-5136 Sep 09 j 11:26	0°♍	
evening max el	-5136 Sep 13 j 20:36	4°♍56'16	21°59'08
retrograde	-5136 Sep 23 j 01:24	10°♍24'03	
evening set	-5136 Sep 27 j 09:48	8°♍41'12	
asc. node	-5136 Oct 01 j 11:48	4°♍09'00	
inferior conj	-5136 Oct 02 j 18:24	2°♍24'21	0°26'00
minimum elong	-5136 Oct 02 j 17:48	2°♍26'26	0°25'53
min. Earth dist.	-5136 Oct 02 j 21:37	2°♍13'16	0.67304 AU
	-5136 Oct 04 j 12:55	30°℞♌	
morning rise	-5136 Oct 08 j 01:38	26°♌06'52	
direct	-5136 Oct 12 j 18:48	24°♌10'47	
morning max el	-5136 Oct 22 j 16:28	0°♍05'30	22°50'10
	-5136 Oct 22 j 14:18	0°♍	
greatest brilliancy	-5136 Oct 27 j 11:59	5°♍30'37	-0.3m
desc. node	-5136 Nov 13 j 18:50	29°♍32'08	
	-5136 Nov 14 j 02:13	0°♎	
morning set	-5136 Nov 25 j 17:01	18°♎17'47	
max. Earth dist.	-5136 Nov 30 j 17:26	26°♎42'21	1.40206 AU
	-5136 Dec 02 j 15:19	0°♏	
superior conj	-5136 Dec 08 j 10:50	10°♏20'25	-1°-52'-5
minimum elong	-5136 Dec 08 j 09:59	10°♏16'34	1°52'15
evening rise	-5136 Dec 18 j 04:54	28°♏36'41	
	-5136 Dec 18 j 22:27	0°♐	
asc. node	-5136 Dec 28 j 10:28	16°♐55'19	
evening max el	-5135 Jan 03 j 09:58	24°♐37'15	18°24'43
retrograde	-5135 Jan 10 j 20:16	28°♐17'09	
evening set	-5135 Jan 13 j 08:22	27°♐53'23	
inferior conj	-5135 Jan 20 j 16:29	23°♐16'10	4°00'53
minimum elong	-5135 Jan 20 j 18:09	23°♐12'44	4°00'29
min. Earth dist.	-5135 Jan 24 j 01:02	20°♐32'00	0.59199 AU
morning rise	-5135 Jan 28 j 00:42	17°♐50'37	
direct	-5135 Feb 03 j 09:37	16°♐04'38	
desc. node	-5135 Feb 09 j 18:37	17°♐44'20	
morning max el	-5135 Feb 17 j 15:00	23°♐37'19	26°48'22
	-5135 Feb 23 j 09:34	0°♑	
	-5135 Mar 14 j 07:31	0°♒	
morning set	-5135 Mar 19 j 13:38	10°♒32'32	
asc. node	-5135 Mar 26 j 09:52	25°♒15'27	
superior conj	-5135 Mar 26 j 15:43	25°♒47'29	0°02'33
minimum elong	-5135 Mar 26 j 15:36	25°♒46'54	0°02'21
behind sun begin	-5135 Mar 26 j 10:39	25°♒19'49	
behind sun end	-5135 Mar 26 j 20:33	26°♒13'59	
max. Earth dist.	-5135 Mar 26 j 14:01	25°♒38'12	1.32631 AU
	-5135 Mar 28 j 13:55	0°♓	
evening rise	-5135 Apr 02 j 16:55	10°♓58'44	
	-5135 Apr 12 j 13:39	0°♈	
evening max el	-5135 May 01 j 18:26	26°♈24'17	26°20'51
	-5135 May 06 j 00:59	0°♉	
desc. node	-5135 May 08 j 17:04	1°♉41'46	
retrograde	-5135 May 15 j 20:33	3°♉43'36	
evening set	-5135 May 22 j 02:34	2°♉05'17	
	-5135 May 25 j 11:07	30°℞♈	
min. Earth dist.	-5135 May 26 j 07:20	29°♈22'59	0.59487 AU
inferior conj	-5135 May 29 j 16:36	26°♈44'09	-4°-7'-8
minimum elong	-5135 May 29 j 14:59	26°♈47'20	4°06'57
morning rise	-5135 Jun 06 j 07:08	22°♈10'18	
direct	-5135 Jun 08 j 18:28	21°♈48'31	
morning max el	-5135 Jun 16 j 09:07	25°♈27'19	18°22'48
	-5135 Jun 20 j 06:59	0°♉	
asc. node	-5135 Jun 22 j 09:44	3°♉04'04	
morning set	-5135 Jul 02 j 10:30	20°♉55'37	
	-5135 Jul 07 j 04:53	0°♊	
superior conj	-5135 Jul 11 j 19:33	8°♊36'04	1°49'06
minimum elong	-5135 Jul 11 j 20:20	8°♊39'39	1°49'22
max. Earth dist.	-5135 Jul 19 j 05:23	21°♊47'15	1.40359 AU
evening rise	-5135 Jul 23 j 22:03	29°♊42'55	
	-5135 Jul 24 j 02:11	0°♋	
desc. node	-5135 Aug 04 j 15:42	18°♋14'33	
	-5135 Aug 12 j 17:29	0°♌	
greatest brilliancy	-5135 Aug 21 j 02:52	11°♌09'35	-0.2m
evening max el	-5135 Aug 27 j 10:35	18°♌20'23	23°19'19
retrograde	-5135 Sep 06 j 18:32	24°♌27'34	
evening set	-5135 Sep 11 j 17:00	22°♌24'42	
min. Earth dist.	-5135 Sep 16 j 17:57	16°♌28'49	0.67360 AU
inferior conj	-5135 Sep 17 j 00:56	16°♌04'47	0°-27'-9
minimum elong	-5135 Sep 17 j 01:34	16°♌02'38	0°26'42
asc. node	-5135 Sep 18 j 08:57	14°♌16'05	
morning rise	-5135 Sep 22 j 10:10	9°♌50'41	
direct	-5135 Sep 26 j 13:27	8°♌15'28	
morning max el	-5135 Oct 05 j 07:55	13°♌27'22	21°27'41
greatest brilliancy	-5135 Oct 10 j 13:27	19°♌30'37	-0.4m
	-5135 Oct 18 j 06:51	0°♍	
desc. node	-5135 Oct 31 j 15:42	19°♍54'32	
morning set	-5135 Nov 05 j 07:35	27°♍10'34	
	-5135 Nov 07 j 02:21	0°♎	
max. Earth dist.	-5135 Nov 12 j 19:39	9°♎15'13	1.42125 AU
superior conj	-5135 Nov 20 j 03:18	21°♎34'30	-1°-42'-14
minimum elong	-5135 Nov 19 j 23:04	21°♎16'17	1°42'03
	-5135 Nov 24 j 22:46	0°♏	
evening rise	-5135 Dec 01 j 06:55	11°♏25'29	
	-5135 Dec 11 j 22:51	0°♐	
asc. node	-5135 Dec 15 j 07:36	4°♐47'01	
evening max el	-5135 Dec 17 j 19:39	7°♐37'58	18°08'49
retrograde	-5135 Dec 24 j 14:57	11°♐07'27	
evening set	-5135 Dec 27 j 05:19	10°♐37'14	
inferior conj	-5134 Jan 03 j 00:35	5°♐38'12	4°04'56
minimum elong	-5134 Jan 02 j 23:33	5°♐40'41	4°04'37
min. Earth dist.	-5134 Jan 06 j 02:26	2°♐44'45	0.61182 AU
morning rise	-5134 Jan 09 j 15:17	29°♏55'31	
	-5134 Jan 09 j 12:37	30°℞♏	
direct	-5134 Jan 16 j 14:18	27°♏34'24	
	-5134 Jan 24 j 03:09	0°♐	
desc. node	-5134 Jan 27 j 15:40	2°♐31'49	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning max el	-5134 Jan 30 j 15:50	5°♐14'21	27°32'04
	-5134 Feb 18 j 05:07	0°♑	
morning set	-5134 Mar 03 j 20:43	25°♑17'58	
	-5134 Mar 06 j 02:53	0°♒	
max. Earth dist.	-5134 Mar 10 j 02:33	8°♒33'08	1.32710 AU
superior conj	-5134 Mar 11 j 03:02	10°♒46'17	0°-22'-12
minimum elong	-5134 Mar 11 j 04:01	10°♒51'40	0°22'14
asc. node	-5134 Mar 13 j 06:51	15°♒28'51	
evening rise	-5134 Mar 18 j 03:40	25°♒56'35	
	-5134 Mar 20 j 02:35	0°♓	
	-5134 Apr 06 j 20:43	0°♈	
evening max el	-5134 Apr 13 j 13:21	7°♈34'07	25°05'23
desc. node	-5134 Apr 25 j 14:16	14°♈33'20	
retrograde	-5134 Apr 27 j 14:37	14°♈42'53	
evening set	-5134 May 02 j 17:11	13°♈42'29	
min. Earth dist.	-5134 May 08 j 01:50	10°♈49'06	0.57544 AU
inferior conj	-5134 May 11 j 02:57	8°♈45'10	-3°-34'-25
minimum elong	-5134 May 10 j 22:16	8°♈53'10	3°33'33
morning rise	-5134 May 19 j 07:35	4°♈31'29	
direct	-5134 May 21 j 17:51	4°♈14'00	
morning max el	-5134 May 30 j 12:30	8°♈20'20	19°04'43
asc. node	-5134 Jun 09 j 06:44	21°♈48'25	
	-5134 Jun 13 j 17:11	0°♉	
morning set	-5134 Jun 16 j 06:22	4°♉58'25	
superior conj	-5134 Jun 24 j 18:27	21°♉41'18	1°47'11
minimum elong	-5134 Jun 24 j 17:06	21°♉34'51	1°47'22
	-5134 Jun 29 j 04:02	0°♊	
max. Earth dist.	-5134 Jul 01 j 06:29	3°♊50'59	1.38424 AU
evening rise	-5134 Jul 05 j 05:31	10°♊53'00	
	-5134 Jul 16 j 21:07	0°♋	
desc. node	-5134 Jul 22 j 12:43	8°♋29'26	
	-5134 Aug 08 j 03:51	0°♌	
evening max el	-5134 Aug 09 j 21:35	1°♌47'29	24°39'27
retrograde	-5134 Aug 21 j 07:52	8°♌29'00	
evening set	-5134 Aug 26 j 21:26	6°♌06'54	
min. Earth dist.	-5134 Aug 31 j 12:52	0°♌46'09	0.67118 AU
inferior conj	-5134 Sep 01 j 06:25	29°♋47'24	-1°-19'-31
minimum elong	-5134 Sep 01 j 08:13	29°♋41'22	1°18'33
	-5134 Sep 01 j 02:40	30°℞♋	
asc. node	-5134 Sep 05 j 06:05	24°♋58'29	
morning rise	-5134 Sep 06 j 19:20	23°♋39'59	
direct	-5134 Sep 10 j 10:43	22°♋23'29	
morning max el	-5134 Sep 18 j 06:08	26°♋57'00	20°14'51
	-5134 Sep 20 j 23:34	0°♌	
greatest brilliancy	-5134 Sep 25 j 04:33	5°♌26'20	-0.6m
	-5134 Oct 11 j 18:36	0°♍	
morning set	-5134 Oct 15 j 06:44	5°♍24'40	
desc. node	-5134 Oct 18 j 12:33	10°♍27'32	
max. Earth dist.	-5134 Oct 26 j 04:59	22°♍36'53	1.43645 AU
	-5134 Oct 30 j 18:33	0°♎	
superior conj	-5134 Oct 31 j 16:55	1°♎31'32	-1°-16'-49
minimum elong	-5134 Oct 31 j 10:22	1°♎04'41	1°16'09
evening rise	-5134 Nov 13 j 16:07	23°♎25'50	
	-5134 Nov 17 j 11:14	0°♏	
evening max el	-5134 Dec 01 j 08:10	20°♏52'54	18°12'17
asc. node	-5134 Dec 02 j 04:43	21°♏42'11	
retrograde	-5134 Dec 07 j 21:41	24°♏23'46	
evening set	-5134 Dec 10 j 15:13	23°♏45'44	
inferior conj	-5134 Dec 16 j 23:59	18°♏25'56	3°47'33
minimum elong	-5134 Dec 16 j 21:17	18°♏33'07	3°46'55
min. Earth dist.	-5134 Dec 19 j 12:53	15°♏44'16	0.63021 AU
morning rise	-5134 Dec 23 j 01:35	12°♏30'42	
direct	-5134 Dec 30 j 03:16	9°♏47'36	
morning max el	-5133 Jan 12 j 21:55	17°♏29'40	27°39'51

desc. node	-5133 Jan 14 j 12:42	19°♏08'31	
	-5133 Jan 23 j 10:32	0°♐	
	-5133 Feb 10 j 22:08	0°♑	
morning set	-5133 Feb 15 j 21:59	9°♑42'16	
max. Earth dist.	-5133 Feb 21 j 10:23	21°♑08'24	1.33157 AU
superior conj	-5133 Feb 23 j 12:13	25°♑35'07	0°-46'-25
minimum elong	-5133 Feb 23 j 14:12	25°♑45'48	0°46'19
	-5133 Feb 25 j 13:19	0°♒	
asc. node	-5133 Feb 28 j 03:50	5°♒37'05	
evening rise	-5133 Mar 02 j 15:16	10°♒53'01	
	-5133 Mar 12 j 13:32	0°♓	
evening max el	-5133 Mar 26 j 05:39	18°♓21'11	23°34'05
retrograde	-5133 Apr 08 j 19:53	25°♓05'10	
desc. node	-5133 Apr 12 j 11:28	24°♓35'53	
evening set	-5133 Apr 12 j 15:19	24°♓33'18	
min. Earth dist.	-5133 Apr 19 j 17:15	21°♓16'58	0.56035 AU
inferior conj	-5133 Apr 21 j 17:24	20°♓04'45	-2°-23'-25
minimum elong	-5133 Apr 21 j 12:03	20°♓12'48	2°21'58
morning rise	-5133 Apr 30 j 12:11	16°♓04'30	
direct	-5133 May 02 j 22:48	15°♓49'29	
morning max el	-5133 May 13 j 06:31	20°♓38'00	20°06'53
	-5133 May 20 j 18:55	0°♈	
asc. node	-5133 May 27 j 03:42	11°♈03'58	
morning set	-5133 May 31 j 09:40	19°♈26'48	
	-5133 Jun 05 j 13:49	0°♉	
superior conj	-5133 Jun 08 j 07:01	5°♉29'53	1°37'23
minimum elong	-5133 Jun 08 j 04:34	5°♉17'31	1°37'20
max. Earth dist.	-5133 Jun 13 j 10:47	15°♉37'06	1.36624 AU
evening rise	-5133 Jun 17 j 12:34	23°♉14'22	
	-5133 Jun 21 j 07:20	0°♊	
desc. node	-5133 Jul 09 j 09:48	28°♊23'55	
	-5133 Jul 10 j 13:41	0°♋	
evening max el	-5133 Jul 23 j 08:12	15°♋17'26	25°51'38
retrograde	-5133 Aug 04 j 16:38	22°♋23'13	
evening set	-5133 Aug 10 j 21:05	19°♋45'22	
min. Earth dist.	-5133 Aug 15 j 03:49	15°♋02'38	0.66553 AU
inferior conj	-5133 Aug 16 j 09:02	13°♋29'34	-2°-9'-24
minimum elong	-5133 Aug 16 j 11:50	13°♋20'37	2°08'07
morning rise	-5133 Aug 22 j 03:13	7°♋32'15	
asc. node	-5133 Aug 23 j 03:11	7°♋00'34	
direct	-5133 Aug 25 j 08:58	6°♋31'33	
morning max el	-5133 Sep 01 j 11:17	10°♋34'19	19°15'34
	-5133 Sep 15 j 12:42	0°♌	
morning set	-5133 Sep 24 j 13:18	14°♌05'42	
	-5133 Oct 04 j 16:23	0°♍	
desc. node	-5133 Oct 05 j 09:24	1°♍06'56	
max. Earth dist.	-5133 Oct 08 j 20:20	6°♍34'05	1.44565 AU
superior conj	-5133 Oct 11 j 04:23	10°♍16'03	0°-35'-52
minimum elong	-5133 Oct 10 j 23:58	9°♍58'33	0°35'12
	-5133 Oct 23 j 10:26	0°♎	
evening rise	-5133 Oct 26 j 03:38	4°♎27'28	
	-5133 Nov 11 j 07:22	0°♏	
evening max el	-5133 Nov 14 j 20:39	4°♏15'23	18°34'12
asc. node	-5133 Nov 19 j 01:52	7°♏25'22	
retrograde	-5133 Nov 21 j 12:24	7°♏57'43	
evening set	-5133 Nov 24 j 10:38	7°♏10'04	
inferior conj	-5133 Nov 30 j 10:57	1°♏31'51	3°15'49
minimum elong	-5133 Nov 30 j 07:40	1°♏41'27	3°14'54
	-5133 Dec 01 j 18:08	30°℞♎	
min. Earth dist.	-5133 Dec 02 j 09:14	29°♎16'05	0.64560 AU
morning rise	-5133 Dec 06 j 03:29	25°♎26'52	
direct	-5133 Dec 12 j 22:57	22°♎37'16	
	-5133 Dec 26 j 00:48	0°♏	
morning max el	-5133 Dec 26 j 07:01	0°♏15'18	27°13'28

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-5132 Jan 01 j 09:40	7°♏02'50	
	-5132 Jan 17 j 09:36	0°♐	
morning set	-5132 Jan 30 j 14:31	23°♐35'50	
	-5132 Feb 02 j 19:55	0°♑	
max. Earth dist.	-5132 Feb 04 j 09:53	3°♑13'30	1.34007 AU
superior conj	-5132 Feb 07 j 17:24	10°♑07'35	-1°-9'-4
minimum elong	-5132 Feb 07 j 20:07	10°♑21'55	1°08'57
evening rise	-5132 Feb 15 j 01:58	25°♑41'51	
asc. node	-5132 Feb 15 j 00:50	25°♑35'59	
	-5132 Feb 17 j 04:05	0°♒	
evening max el	-5132 Mar 07 j 00:59	29°♒11'07	22°00'54
	-5132 Mar 07 j 22:15	0°♓	
retrograde	-5132 Mar 19 j 13:25	5°♓13'50	
evening set	-5132 Mar 22 j 09:30	4°♓56'00	
desc. node	-5132 Mar 29 j 08:41	2°♓08'41	
inferior conj	-5132 Mar 31 j 16:48	0°♓50'39	0°-38'-24
minimum elong	-5132 Mar 31 j 15:01	0°♓53'09	0°37'59
min. Earth dist.	-5132 Mar 31 j 07:27	1°♓03'50	0.55268 AU
	-5132 Apr 02 j 05:00	30°℞♒	
morning rise	-5132 Apr 09 j 21:39	26°♒50'52	
direct	-5132 Apr 12 j 14:09	26°♒34'38	
	-5132 Apr 21 j 21:13	0°♓	
morning max el	-5132 Apr 24 j 13:44	2°♓14'54	21°27'48
	-5132 May 12 j 16:06	0°♈	
asc. node	-5132 May 13 j 00:38	0°♈43'00	
morning set	-5132 May 14 j 17:59	4°♈14'04	
superior conj	-5132 May 22 j 05:18	19°♈50'26	1°21'58
minimum elong	-5132 May 22 j 02:33	19°♈36'11	1°21'40
max. Earth dist.	-5132 May 25 j 23:36	27°♈32'12	1.35117 AU
	-5132 May 27 j 05:11	0°♉	
evening rise	-5132 May 30 j 13:46	6°♉32'19	
	-5132 Jun 12 j 23:49	0°♊	
desc. node	-5132 Jun 25 j 06:57	17°♊49'17	
evening max el	-5132 Jul 04 j 19:24	28°♊45'04	26°47'35
	-5132 Jul 06 j 03:16	0°♋	
retrograde	-5132 Jul 17 j 20:24	6°♋04'47	
evening set	-5132 Jul 24 j 13:42	3°♋18'02	
	-5132 Jul 27 j 20:44	30°℞♊	
min. Earth dist.	-5132 Jul 28 j 12:31	29°♊14'28	0.65626 AU
inferior conj	-5132 Jul 30 j 06:49	27°♊08'52	-2°-54'-47
minimum elong	-5132 Jul 30 j 10:15	26°♊58'37	2°53'30
morning rise	-5132 Aug 05 j 07:51	21°♊25'01	
direct	-5132 Aug 08 j 06:11	20°♊37'04	
asc. node	-5132 Aug 09 j 00:15	20°♊40'12	
morning max el	-5132 Aug 14 j 22:02	24°♊17'50	18°32'04
	-5132 Aug 19 j 13:56	0°♋	
morning set	-5132 Sep 03 j 19:51	23°♋58'10	
	-5132 Sep 07 j 13:15	0°♌	
superior conj	-5132 Sep 19 j 03:39	18°♌30'15	0°13'14
minimum elong	-5132 Sep 19 j 05:23	18°♌37'06	0°13'14
behind sun begin	-5132 Sep 18 j 22:41	18°♌10'36	
behind sun end	-5132 Sep 19 j 12:06	19°♌03'35	
max. Earth dist.	-5132 Sep 20 j 14:27	20°♌47'35	1.44773 AU
desc. node	-5132 Sep 21 j 06:17	21°♌49'59	
	-5132 Sep 26 j 10:44	0°♍	
evening rise	-5132 Oct 05 j 14:07	14°♍24'26	
	-5132 Oct 15 j 11:54	0°♎	
evening max el	-5132 Oct 28 j 06:34	17°♎41'11	19°13'16
retrograde	-5132 Nov 04 j 07:42	21°♎43'58	
asc. node	-5132 Nov 04 j 23:01	21°♎41'37	
evening set	-5132 Nov 07 j 12:34	20°♎44'23	
inferior conj	-5132 Nov 13 j 06:19	14°♎50'51	2°34'39
minimum elong	-5132 Nov 13 j 03:16	15°♎00'31	2°33'38
min. Earth dist.	-5132 Nov 14 j 14:48	13°♎08'04	0.65752 AU
morning rise	-5132 Nov 18 j 17:07	8°♎38'35	
direct	-5132 Nov 25 j 00:44	5°♎55'14	
morning max el	-5132 Dec 07 j 16:46	13°♎19'45	26°18'42
desc. node	-5132 Dec 18 j 06:35	25°♎51'52	
	-5132 Dec 21 j 06:55	0°♏	
	-5131 Jan 09 j 01:38	0°♐	
morning set	-5131 Jan 12 j 18:22	6°♐46'04	
max. Earth dist.	-5131 Jan 16 j 22:11	14°♐44'02	1.35299 AU
superior conj	-5131 Jan 21 j 16:12	24°♐15'28	-1°-28'-51
minimum elong	-5131 Jan 21 j 19:10	24°♐30'38	1°28'49
	-5131 Jan 24 j 11:03	0°♑	
evening rise	-5131 Jan 29 j 09:55	10°♑16'08	
asc. node	-5131 Jan 31 j 21:52	15°♑20'01	
	-5131 Feb 09 j 00:02	0°♒	
evening max el	-5131 Feb 17 j 04:26	10°♒25'17	20°37'24
retrograde	-5131 Feb 28 j 03:32	15°♒37'28	
evening set	-5131 Mar 02 j 13:16	15°♒23'26	
inferior conj	-5131 Mar 11 j 12:55	11°♒25'21	1°16'20
minimum elong	-5131 Mar 11 j 16:12	11°♒20'35	1°15'01
min. Earth dist.	-5131 Mar 12 j 21:31	10°♒37'57	0.55411 AU
desc. node	-5131 Mar 16 j 05:51	8°♒49'08	
morning rise	-5131 Mar 20 j 17:22	7°♒08'08	
direct	-5131 Mar 24 j 03:03	6°♒42'55	
morning max el	-5131 Apr 06 j 11:01	13°♒13'32	23°02'31
	-5131 Apr 19 j 03:22	0°♓	
morning set	-5131 Apr 29 j 05:10	19°♓12'23	
asc. node	-5131 Apr 29 j 21:35	20°♓38'17	
	-5131 May 04 j 07:08	0°♈	
superior conj	-5131 May 06 j 10:07	4°♈32'14	1°02'35
minimum elong	-5131 May 06 j 07:41	4°♈19'20	1°02'09
max. Earth dist.	-5131 May 08 j 22:10	9°♈49'27	1.33968 AU
evening rise	-5131 May 14 j 04:03	20°♈31'01	
	-5131 May 19 j 03:06	0°♉	
	-5131 Jun 06 j 23:03	0°♊	
desc. node	-5131 Jun 12 j 04:09	6°♊32'12	
evening max el	-5131 Jun 17 j 06:21	11°♊59'12	27°19'55
retrograde	-5131 Jun 30 j 18:52	19°♊24'45	
evening set	-5131 Jul 07 j 20:23	16°♊40'00	
min. Earth dist.	-5131 Jul 11 j 12:53	13°♊13'05	0.64304 AU
inferior conj	-5131 Jul 13 j 21:20	10°♊40'02	-3°-33'-8
minimum elong	-5131 Jul 14 j 00:47	10°♊30'42	3°32'10
morning rise	-5131 Jul 20 j 06:48	5°♊12'50	
direct	-5131 Jul 22 j 23:52	4°♊34'48	
asc. node	-5131 Jul 26 j 21:18	5°♊52'10	
morning max el	-5131 Jul 29 j 12:03	8°♊02'31	18°05'40
	-5131 Aug 13 j 05:00	0°♋	
morning set	-5131 Aug 16 j 05:14	5°♋07'06	
superior conj	-5131 Aug 29 j 13:39	27°♋19'30	0°57'51
minimum elong	-5131 Aug 29 j 19:25	27°♋42'52	0°57'25
	-5131 Aug 31 j 05:25	0°♌	
max. Earth dist.	-5131 Sep 03 j 07:31	4°♌56'29	1.44251 AU
desc. node	-5131 Sep 08 j 03:14	12°♌33'41	
evening rise	-5131 Sep 15 j 02:05	23°♌23'33	
	-5131 Sep 19 j 08:57	0°♍	
greatest brilliancy	-5131 Oct 04 j 10:46	22°♍24'37	-0.6m
	-5131 Oct 10 j 10:32	0°♎	
evening max el	-5131 Oct 11 j 11:48	1°♎07'41	20°07'53
retrograde	-5131 Oct 19 j 04:49	5°♎38'49	
evening set	-5131 Oct 22 j 18:32	4°♎24'38	
asc. node	-5131 Oct 22 j 20:10	4°♎21'47	
	-5131 Oct 27 j 00:53	30°℞♍	
inferior conj	-5131 Oct 28 j 07:29	28°♍19'22	1°47'22
minimum elong	-5131 Oct 28 j 05:10	28°♍27'05	1°46'32
min. Earth dist.	-5131 Oct 29 j 03:42	27°♍11'55	0.66602 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning rise	-5131 Nov 02 j 15:11	22°♍02'31	
direct	-5131 Nov 08 j 08:14	19°♍34'10	
morning max el	-5131 Nov 20 j 01:50	26°♍32'26	25°04'10
	-5131 Nov 23 j 07:12	0°♎	
desc. node	-5131 Dec 05 j 03:29	15°♎19'44	
	-5131 Dec 14 j 21:35	0°♏	
morning set	-5131 Dec 26 j 04:28	18°♏58'35	
max. Earth dist.	-5131 Dec 29 j 23:33	25°♏52'46	1.37013 AU
	-5130 Jan 01 j 04:17	0°♐	
superior conj	-5130 Jan 05 j 05:40	7°♐50'27	-1°-43'-58
minimum elong	-5130 Jan 05 j 08:05	8°♐02'18	1°44'04
evening rise	-5130 Jan 13 j 13:06	24°♐29'45	
	-5130 Jan 16 j 07:42	0°♑	
asc. node	-5130 Jan 18 j 18:57	4°♑43'19	
evening max el	-5130 Jan 30 j 18:21	22°♑14'36	19°30'27
retrograde	-5130 Feb 09 j 02:04	26°♑39'49	
evening set	-5130 Feb 11 j 10:53	26°♑24'00	
inferior conj	-5130 Feb 19 j 19:37	22°♑17'42	2°49'28
minimum elong	-5130 Feb 20 j 00:48	22°♑09'16	2°47'55
min. Earth dist.	-5130 Feb 22 j 12:13	20°♑33'12	0.56430 AU
morning rise	-5130 Feb 28 j 11:10	17°♑31'47	
desc. node	-5130 Mar 03 j 02:59	16°♑52'31	
direct	-5130 Mar 05 j 01:21	16°♑43'54	
morning max el	-5130 Mar 19 j 02:34	23°♑51'03	24°40'54
	-5130 Mar 24 j 15:53	0°♒	
	-5130 Apr 11 j 16:06	0°♓	
morning set	-5130 Apr 13 j 17:29	4°♓15'31	
asc. node	-5130 Apr 16 j 18:34	10°♓44'35	
superior conj	-5130 Apr 20 j 19:06	19°♓27'23	0°40'29
minimum elong	-5130 Apr 20 j 17:24	19°♓18'12	0°40'04
max. Earth dist.	-5130 Apr 22 j 05:03	22°♓30'42	1.33180 AU
	-5130 Apr 25 j 17:38	0°♈	
evening rise	-5130 Apr 28 j 03:31	4°♈58'23	
	-5130 May 11 j 19:24	0°♉	
desc. node	-5130 May 30 j 01:20	24°♉14'42	
evening max el	-5130 May 30 j 15:12	24°♉48'25	27°22'38
	-5130 Jun 06 j 06:21	0°♊	
retrograde	-5130 Jun 13 j 11:22	2°♊14'00	
	-5130 Jun 20 j 04:48	30°℞♉	
evening set	-5130 Jun 20 j 13:33	29°♉45'11	
min. Earth dist.	-5130 Jun 24 j 03:47	26°♉46'47	0.62615 AU
inferior conj	-5130 Jun 27 j 01:45	23°♉57'13	-4°00'-40
minimum elong	-5130 Jun 27 j 04:12	23°♉51'17	4°00'12
morning rise	-5130 Jul 03 j 21:11	18°♉49'12	
direct	-5130 Jul 06 j 10:55	18°♉18'44	
morning max el	-5130 Jul 13 j 02:41	21°♉42'32	17°57'15
asc. node	-5130 Jul 13 j 18:22	22°♉22'35	
	-5130 Jul 19 j 11:04	0°♊	
morning set	-5130 Jul 29 j 13:19	17°♊20'41	
	-5130 Aug 05 j 17:25	0°♋	
superior conj	-5130 Aug 10 j 01:02	7°♋24'16	1°29'07
minimum elong	-5130 Aug 10 j 06:12	7°♋46'11	1°28'57
max. Earth dist.	-5130 Aug 16 j 20:30	18°♋42'09	1.43088 AU
	-5130 Aug 23 j 22:23	0°♌	
evening rise	-5130 Aug 25 j 05:20	2°♌00'56	
desc. node	-5130 Aug 26 j 00:13	3°♌14'26	
	-5130 Sep 12 j 22:49	0°♍	
greatest brilliancy	-5130 Sep 19 j 03:39	8°♍22'47	-0.4m
evening max el	-5130 Sep 24 j 10:57	14°♍33'01	21°15'43
retrograde	-5130 Oct 03 j 01:33	19°♍38'58	
evening set	-5130 Oct 07 j 02:27	18°♍07'24	
asc. node	-5130 Oct 09 j 17:20	15°♍32'13	
inferior conj	-5130 Oct 12 j 12:11	11°♍53'55	0°56'20
minimum elong	-5130 Oct 12 j 10:55	11°♍58'17	0°55'55
min. Earth dist.	-5130 Oct 12 j 21:27	11°♍22'09	0.67135 AU
morning rise	-5130 Oct 17 j 19:01	5°♍35'37	
direct	-5130 Oct 22 j 20:49	3°♍27'02	
morning max el	-5130 Nov 02 j 10:57	9°♍46'58	23°39'33
	-5130 Nov 18 j 09:57	0°♎	
desc. node	-5130 Nov 22 j 00:23	5°♎14'45	
morning set	-5130 Dec 07 j 14:36	29°♎56'40	
	-5130 Dec 07 j 15:24	0°♏	
max. Earth dist.	-5130 Dec 11 j 19:22	7°♏10'59	1.39020 AU
superior conj	-5130 Dec 19 j 05:48	20°♏41'23	-1°-51'-57
minimum elong	-5130 Dec 19 j 06:31	20°♏44'45	1°52'09
	-5130 Dec 24 j 02:57	0°♐	
evening rise	-5130 Dec 28 j 09:01	8°♐15'53	
asc. node	-5129 Jan 05 j 16:02	23°♐38'18	
	-5129 Jan 09 j 19:16	0°♑	
evening max el	-5129 Jan 13 j 17:55	4°♑37'21	18°42'57
retrograde	-5129 Jan 21 j 17:28	8°♑28'55	
evening set	-5129 Jan 24 j 04:26	8°♑08'23	
inferior conj	-5129 Jan 31 j 21:05	3°♑43'56	3°45'18
minimum elong	-5129 Feb 01 j 00:28	3°♑37'32	3°44'34
min. Earth dist.	-5129 Feb 04 j 04:38	1°♑15'27	0.58092 AU
	-5129 Feb 06 j 01:05	30°℞♐	
morning rise	-5129 Feb 08 j 16:53	28°♐31'11	
direct	-5129 Feb 14 j 12:47	27°♐07'28	
desc. node	-5129 Feb 18 j 00:05	27°♐36'52	
	-5129 Feb 23 j 03:01	0°♑	
morning max el	-5129 Feb 28 j 18:20	4°♑33'57	26°08'35
	-5129 Mar 19 j 05:36	0°♒	
morning set	-5129 Mar 29 j 05:13	19°♒17'08	
	-5129 Apr 03 j 05:05	0°♓	
asc. node	-5129 Apr 03 j 15:33	0°♓57'04	
superior conj	-5129 Apr 05 j 06:19	4°♓28'53	0°16'41
minimum elong	-5129 Apr 05 j 05:36	4°♓24'55	0°16'24
max. Earth dist.	-5129 Apr 05 j 17:07	5°♓27'53	1.32732 AU
evening rise	-5129 Apr 12 j 09:10	19°♓44'21	
	-5129 Apr 17 j 12:34	0°♈	
	-5129 May 06 j 10:42	0°♉	
evening max el	-5129 May 12 j 19:42	7°♉02'11	26°52'42
desc. node	-5129 May 16 j 22:31	10°♉31'44	
retrograde	-5129 May 26 j 20:31	14°♉24'12	
evening set	-5129 Jun 02 j 13:11	12°♉25'05	
min. Earth dist.	-5129 Jun 06 j 09:15	9°♉41'31	0.60657 AU
inferior conj	-5129 Jun 09 j 16:40	6°♉52'48	-4°-11'-37
minimum elong	-5129 Jun 09 j 16:51	6°♉52'25	4°11'29
morning rise	-5129 Jun 16 j 23:42	2°♉05'59	
direct	-5129 Jun 19 j 11:39	1°♉41'19	
morning max el	-5129 Jun 26 j 15:12	5°♉11'20	18°07'46
asc. node	-5129 Jun 30 j 15:24	9°♉56'07	
	-5129 Jul 12 j 09:13	0°♊	
morning set	-5129 Jul 12 j 14:50	0°♊26'09	
superior conj	-5129 Jul 22 j 15:31	18°♊50'12	1°45'32
minimum elong	-5129 Jul 22 j 17:55	19°♊00'53	1°45'42
	-5129 Jul 29 j 01:34	0°♋	
max. Earth dist.	-5129 Jul 30 j 04:09	1°♋52'15	1.41445 AU
evening rise	-5129 Aug 04 j 20:42	11°♋14'10	
desc. node	-5129 Aug 12 j 21:13	23°♋49'01	
	-5129 Aug 16 j 23:44	0°♌	
greatest brilliancy	-5129 Sep 02 j 10:01	22°♌38'03	-0.3m
evening max el	-5129 Sep 07 j 04:04	27°♌57'59	22°32'49
	-5129 Sep 09 j 07:47	0°♍	
retrograde	-5129 Sep 16 j 20:14	3°♍42'17	
evening set	-5129 Sep 21 j 10:25	1°♍51'11	
	-5129 Sep 23 j 07:56	30°℞♌	
inferior conj	-5129 Sep 26 j 18:35	25°♌32'51	0°03'29

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5129 Sep 26 j 18:29	25°♌33'09	0°03'36
transit middle	-5129 Sep 26 j 18:29	25°♌33'09	0°03'36
transit begin	-5129 Sep 26 j 15:51	25°♌42'14	
transit end	-5129 Sep 26 j 21:07	25°♌24'04	
min. Earth dist.	-5129 Sep 26 j 17:31	25°♌36'29	0.67371 AU
asc. node	-5129 Sep 26 j 14:30	25°♌46'57	
morning rise	-5129 Oct 02 j 02:26	19°♌16'22	
direct	-5129 Oct 06 j 13:36	17°♌29'05	
morning max el	-5129 Oct 15 j 23:06	23°♌04'56	22°14'06
greatest brilliancy	-5129 Oct 20 j 17:31	28°♌29'18	-0.4m
	-5129 Oct 21 j 22:34	0°♍	
desc. node	-5129 Nov 08 j 21:16	25°♍29'06	
	-5129 Nov 11 j 19:47	0°♎	
morning set	-5129 Nov 17 j 20:24	9°♎31'30	
max. Earth dist.	-5129 Nov 23 j 18:00	19°♎13'43	1.41064 AU
	-5129 Nov 30 j 00:24	0°♏	
superior conj	-5129 Dec 01 j 11:31	2°♏35'16	-1°-49'-38
minimum elong	-5129 Dec 01 j 09:17	2°♏25'21	1°49'42
evening rise	-5129 Dec 11 j 18:35	21°♏27'51	
	-5129 Dec 16 j 09:22	0°♐	
asc. node	-5129 Dec 23 j 13:08	11°♐56'10	
evening max el	-5129 Dec 28 j 00:44	17°♐26'31	18°15'31
retrograde	-5128 Jan 04 j 03:10	21°♐00'01	
evening set	-5128 Jan 06 j 16:20	20°♐33'28	
inferior conj	-5128 Jan 13 j 18:39	15°♐46'51	4°05'45
minimum elong	-5128 Jan 13 j 19:05	15°♐45'56	4°05'28
min. Earth dist.	-5128 Jan 17 j 01:30	12°♐56'02	0.60053 AU
morning rise	-5128 Jan 20 j 18:57	10°♐13'40	
direct	-5128 Jan 27 j 11:34	8°♐11'34	
desc. node	-5128 Feb 04 j 21:09	11°♐04'35	
morning max el	-5128 Feb 10 j 15:15	15°♐47'06	27°11'16
	-5128 Feb 22 j 06:32	0°♑	
	-5128 Mar 10 j 13:36	0°♒	
morning set	-5128 Mar 12 j 14:32	4°♒10'17	
superior conj	-5128 Mar 19 j 18:02	19°♒30'06	0°-7'-58
minimum elong	-5128 Mar 19 j 18:24	19°♒32'05	0°08'06
behind sun begin	-5128 Mar 19 j 14:04	19°♒08'23	
behind sun end	-5128 Mar 19 j 22:44	19°♒55'46	
max. Earth dist.	-5128 Mar 19 j 06:42	18°♒28'09	1.32621 AU
asc. node	-5128 Mar 20 j 12:30	21°♒11'07	
	-5128 Mar 24 j 13:52	0°♓	
evening rise	-5128 Mar 26 j 18:37	4°♓39'58	
	-5128 Apr 09 j 09:17	0°♈	
evening max el	-5128 Apr 23 j 18:02	18°♈33'52	25°51'40
desc. node	-5128 May 02 j 19:43	24°♈49'01	
retrograde	-5128 May 07 j 20:20	25°♈49'04	
evening set	-5128 May 13 j 15:51	24°♈27'28	
min. Earth dist.	-5128 May 18 j 06:38	21°♈42'19	0.58629 AU
inferior conj	-5128 May 21 j 14:16	19°♈16'03	-3°-57'-38
minimum elong	-5128 May 21 j 11:15	19°♈21'39	3°57'14
morning rise	-5128 May 29 j 10:36	14°♈51'00	
direct	-5128 May 31 j 21:36	14°♈31'02	
morning max el	-5128 Jun 08 j 22:39	18°♈19'39	18°38'08
asc. node	-5128 Jun 16 j 12:24	28°♈17'49	
	-5128 Jun 17 j 12:57	0°♉	
morning set	-5128 Jun 25 j 05:04	14°♉10'50	
	-5128 Jul 03 j 10:25	0°♊	
superior conj	-5128 Jul 04 j 04:15	1°♊23'48	1°49'26
minimum elong	-5128 Jul 04 j 04:01	1°♊22'41	1°49'40
max. Earth dist.	-5128 Jul 11 j 07:07	14°♊20'12	1.39540 AU
evening rise	-5128 Jul 15 j 12:51	21°♊38'48	
	-5128 Jul 20 j 14:13	0°♋	
desc. node	-5128 Jul 29 j 18:15	14°♋12'40	
	-5128 Aug 10 j 00:07	0°♌	

evening max el	-5128 Aug 19 j 16:34	11°♌23'41	23°53'45
retrograde	-5128 Aug 30 j 11:42	17°♌45'36	
evening set	-5128 Sep 04 j 16:40	15°♌34'14	
min. Earth dist.	-5128 Sep 09 j 13:26	9°♌53'08	0.67307 AU
inferior conj	-5128 Sep 10 j 00:51	9°♌14'18	0°-49'-33
minimum elong	-5128 Sep 10 j 02:00	9°♌10'25	0°48'52
asc. node	-5128 Sep 12 j 11:38	6°♌02'01	
morning rise	-5128 Sep 15 j 11:29	3°♌02'51	
direct	-5128 Sep 19 j 09:31	1°♌35'53	
morning max el	-5128 Sep 27 j 17:19	6°♌29'59	20°55'12
greatest brilliancy	-5128 Oct 03 j 12:49	13°♌22'02	-0.5m
	-5128 Oct 15 j 06:28	0°♍	
desc. node	-5128 Oct 25 j 18:09	15°♍56'44	
morning set	-5128 Oct 27 j 02:03	18°♍00'47	
	-5128 Nov 03 j 15:30	0°♎	
max. Earth dist.	-5128 Nov 04 j 23:54	2°♎11'09	1.42841 AU
superior conj	-5128 Nov 11 j 17:00	13°♎17'35	-1°-33'-27
minimum elong	-5128 Nov 11 j 11:27	12°♎54'12	1°33'04
	-5128 Nov 21 j 08:32	0°♏	
evening rise	-5128 Nov 23 j 14:01	3°♏57'32	
asc. node	-5128 Dec 09 j 10:14	29°♏25'42	
	-5128 Dec 09 j 22:43	0°♐	
evening max el	-5128 Dec 10 j 11:56	0°♐34'13	18°07'56
retrograde	-5128 Dec 17 j 03:41	4°♐03'07	
evening set	-5128 Dec 19 j 19:17	3°♐29'40	
	-5128 Dec 24 j 17:10	30°℞♏	
inferior conj	-5128 Dec 26 j 09:46	28°♏21'12	3°59'42
minimum elong	-5128 Dec 26 j 07:52	28°♏25'56	3°59'17
min. Earth dist.	-5128 Dec 29 j 06:23	25°♏30'52	0.61992 AU
morning rise	-5127 Jan 01 j 18:21	22°♏32'45	
direct	-5127 Jan 08 j 19:37	20°♏00'49	
desc. node	-5127 Jan 21 j 18:11	26°♏43'16	
morning max el	-5127 Jan 22 j 18:42	27°♏41'45	27°39'57
	-5127 Jan 25 j 00:25	0°♐	
	-5127 Feb 14 j 21:39	0°♑	
morning set	-5127 Feb 24 j 19:28	18°♑48'11	
	-5127 Mar 02 j 03:30	0°♒	
max. Earth dist.	-5127 Mar 02 j 17:57	1°♒17'49	1.32854 AU
superior conj	-5127 Mar 04 j 04:39	4°♒25'33	0°-32'-35
minimum elong	-5127 Mar 04 j 06:05	4°♒33'19	0°32'33
asc. node	-5127 Mar 07 j 09:28	11°♒22'59	
evening rise	-5127 Mar 11 j 05:58	19°♒38'24	
	-5127 Mar 16 j 08:43	0°♓	
evening max el	-5127 Apr 05 j 11:07	29°♓30'50	24°27'39
	-5127 Apr 05 j 23:30	0°♈	
retrograde	-5127 Apr 19 j 08:55	6°♈31'14	
desc. node	-5127 Apr 19 j 16:53	6°♈30'59	
evening set	-5127 Apr 23 j 22:22	5°♈44'21	
min. Earth dist.	-5127 Apr 29 j 23:08	2°♈42'49	0.56830 AU
inferior conj	-5127 May 02 j 15:57	0°♈59'12	-3°-9'-10
minimum elong	-5127 May 02 j 10:31	1°♈07'57	3°07'57
	-5127 May 04 j 05:22	30°℞♓	
morning rise	-5127 May 11 j 02:47	26°♓52'46	
direct	-5127 May 13 j 13:02	26°♓36'34	
	-5127 May 21 j 19:39	0°♈	
morning max el	-5127 May 22 j 22:20	0°♈58'35	19°28'48
asc. node	-5127 Jun 03 j 09:23	17°♈16'26	
morning set	-5127 Jun 09 j 04:26	28°♈25'28	
	-5127 Jun 09 j 23:21	0°♉	
superior conj	-5127 Jun 17 j 09:34	14°♉49'21	1°43'52
minimum elong	-5127 Jun 17 j 07:38	14°♉39'52	1°43'56
max. Earth dist.	-5127 Jun 23 j 08:55	26°♉13'41	1.37629 AU
	-5127 Jun 25 j 10:16	0°♊	
evening rise	-5127 Jun 27 j 06:55	3°♊20'27	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5127 Jul 13 j 16:00	0°♋		
desc. node	-5127 Jul 16 j 15:19	4°♋19'56		
evening max el	-5127 Aug 02 j 03:00	24°♋51'46	25°11'28	
	-5127 Aug 08 j 11:24	0°♌		
retrograde	-5127 Aug 13 j 23:13	1°♌45'03		
	-5127 Aug 18 j 21:01	30°℞♋		
evening set	-5127 Aug 19 j 19:20	29°♋15'19		
min. Earth dist.	-5127 Aug 24 j 06:53	24°♋10'42	0.66925 AU	
inferior conj	-5127 Aug 25 j 05:20	22°♋56'57	-1°-41'-6	
minimum elong	-5127 Aug 25 j 07:36	22°♋49'31	1°39'58	
asc. node	-5127 Aug 30 j 08:46	17°♋14'18		
morning rise	-5127 Aug 30 j 20:20	16°♋53'41		
direct	-5127 Sep 03 j 07:17	15°♋44'27		
morning max el	-5127 Sep 10 j 18:43	20°♋03'45	19°47'49	
	-5127 Sep 18 j 16:07	0°♌		
greatest brilliancy	-5127 Sep 18 j 20:01	0°♌13'50	-0.6m	
morning set	-5127 Oct 06 j 01:36	26°♌19'11		
	-5127 Oct 08 j 10:24	0°♍		
desc. node	-5127 Oct 12 j 15:00	6°♍33'07		
max. Earth dist.	-5127 Oct 18 j 12:15	15°♍50'44	1.44118 AU	
superior conj	-5127 Oct 22 j 18:44	22°♍41'09	-1°-1'-5	
minimum elong	-5127 Oct 22 j 12:24	22°♍15'36	1°00'19	
	-5127 Oct 27 j 06:39	0°♎		
evening rise	-5127 Nov 05 j 14:38	15°♎34'37		
	-5127 Nov 14 j 04:22	0°♏		
evening max el	-5127 Nov 24 j 00:41	13°♏52'45	18°19'23	
asc. node	-5127 Nov 26 j 07:23	15°♏52'19		
retrograde	-5127 Nov 30 j 14:26	17°♏27'46		
evening set	-5127 Dec 03 j 09:38	16°♏46'02		
inferior conj	-5127 Dec 09 j 14:33	11°♏17'55	3°35'30	
minimum elong	-5127 Dec 09 j 11:29	11°♏26'27	3°34'44	
min. Earth dist.	-5127 Dec 11 j 21:13	8°♏45'54	0.63711 AU	
morning rise	-5127 Dec 15 j 11:48	5°♏17'56		
direct	-5127 Dec 22 j 11:33	2°♏30'19		
morning max el	-5126 Jan 05 j 02:38	10°♏12'22	27°32'36	
desc. node	-5126 Jan 08 j 15:10	13°♏56'28		
	-5126 Jan 20 j 18:05	0°♐		
	-5126 Feb 07 j 04:35	0°♑		
morning set	-5126 Feb 08 j 17:24	3°♑00'53		
max. Earth dist.	-5126 Feb 13 j 22:43	13°♑41'33	1.33464 AU	
superior conj	-5126 Feb 16 j 12:21	19°♑08'02	0°-56'-18	
minimum elong	-5126 Feb 16 j 14:41	19°♑20'32	0°56'11	
	-5126 Feb 21 j 13:58	0°♒		
asc. node	-5126 Feb 22 j 06:26	1°♒27'39		
evening rise	-5126 Feb 23 j 17:22	4°♒32'05		
	-5126 Mar 09 j 17:07	0°♓		
evening max el	-5126 Mar 18 j 03:42	10°♓14'48	22°53'51	
retrograde	-5126 Mar 31 j 09:09	16°♓43'56		
evening set	-5126 Apr 03 j 16:59	16°♓19'42		
desc. node	-5126 Apr 06 j 14:04	15°♓22'56		
min. Earth dist.	-5126 Apr 11 j 13:55	12°♓49'44	0.55599 AU	
inferior conj	-5126 Apr 12 j 22:52	12°♓01'59	-1°-42'00	
minimum elong	-5126 Apr 12 j 18:34	12°♓08'14	1°40'46	
morning rise	-5126 Apr 21 j 22:50	8°♓04'07		
direct	-5126 Apr 24 j 10:39	7°♓49'23		
morning max el	-5126 May 05 j 11:55	12°♓59'23	20°39'19	
	-5126 May 17 j 16:53	0°♈		
asc. node	-5126 May 21 j 06:19	6°♈42'31		
morning set	-5126 May 24 j 10:05	13°♈02'12		
superior conj	-5126 Jun 01 j 02:42	28°♈52'44	1°31'26	
minimum elong	-5126 Jun 01 j 00:01	28°♈39'08	1°31'16	
	-5126 Jun 01 j 15:55	0°♉		
max. Earth dist.	-5126 Jun 05 j 15:51	7°♉58'19	1.35934 AU	
evening rise	-5126 Jun 09 j 22:18	16°♉07'28		
	-5126 Jun 17 j 17:50	0°♊		
desc. node	-5126 Jul 03 j 12:25	24°♊03'26		
	-5126 Jul 08 j 02:16	0°♋		
evening max el	-5126 Jul 15 j 13:40	8°♋21'13	26°17'54	
retrograde	-5126 Jul 28 j 06:09	15°♋35'07		
evening set	-5126 Aug 03 j 16:22	12°♋52'16		
min. Earth dist.	-5126 Aug 07 j 19:31	8°♋26'13	0.66197 AU	
inferior conj	-5126 Aug 09 j 06:11	6°♋38'40	-2°-29'-21	
minimum elong	-5126 Aug 09 j 09:19	6°♋28'56	2°28'02	
morning rise	-5126 Aug 15 j 03:06	0°♋46'43		
asc. node	-5126 Aug 17 j 05:52	29°♊57'25		
	-5126 Aug 17 j 00:52	30°℞♊		
direct	-5126 Aug 18 j 05:18	29°♊51'59		
	-5126 Aug 19 j 10:06	0°♋		
morning max el	-5126 Aug 25 j 02:34	3°♋44'45	18°55'04	
	-5126 Sep 12 j 06:41	0°♌		
morning set	-5126 Sep 15 j 17:18	5°♌28'15		
desc. node	-5126 Sep 29 j 11:54	27°♌15'02		
max. Earth dist.	-5126 Oct 01 j 04:45	29°♌56'05	1.44739 AU	
	-5126 Oct 01 j 05:45	0°♍		
superior conj	-5126 Oct 01 j 22:40	1°♍06'44	0°-15'-21	
minimum elong	-5126 Oct 01 j 20:41	0°♍58'55	0°14'56	
behind sun begin	-5126 Oct 01 j 16:00	0°♍40'26		
behind sun end	-5126 Oct 02 j 01:22	1°♍17'24		
evening rise	-5126 Oct 17 j 15:49	26°♍09'49		
	-5126 Oct 20 j 00:47	0°♎		
evening max el	-5126 Nov 07 j 12:25	27°♎17'42	18°48'46	
	-5126 Nov 10 j 18:11	0°♏		
asc. node	-5126 Nov 13 j 04:33	1°♏00'48		
retrograde	-5126 Nov 14 j 07:27	1°♏07'49		
evening set	-5126 Nov 17 j 08:10	0°♏15'35		
	-5126 Nov 17 j 18:25	30°℞♎		
inferior conj	-5126 Nov 23 j 05:30	24°♎30'41	2°59'18	
minimum elong	-5126 Nov 23 j 02:15	24°♎40'35	2°58'17	
min. Earth dist.	-5126 Nov 24 j 21:52	22°♎28'03	0.65113 AU	
morning rise	-5126 Nov 28 j 19:13	18°♎22'07		
direct	-5126 Dec 05 j 10:12	15°♎33'29		
morning max el	-5126 Dec 18 j 12:16	23°♎07'51	26°53'00	
	-5126 Dec 24 j 16:15	0°♏		
desc. node	-5126 Dec 26 j 12:08	2°♏16'48		
	-5125 Jan 14 j 00:33	0°♐		
morning set	-5125 Jan 23 j 05:06	16°♐37'49		
max. Earth dist.	-5125 Jan 27 j 17:23	25°♐30'19	1.34502 AU	
	-5125 Jan 29 j 22:21	0°♑		
superior conj	-5125 Jan 31 j 15:08	3°♑31'04	-1°-17'-56	
minimum elong	-5125 Jan 31 j 18:02	3°♑46'10	1°17'49	
evening rise	-5125 Feb 08 j 03:07	19°♑15'09		
asc. node	-5125 Feb 09 j 03:27	21°♑20'42		
	-5125 Feb 13 j 12:14	0°♒		
evening max el	-5125 Feb 28 j 02:04	21°♒13'05	21°23'39	
retrograde	-5125 Mar 11 j 23:47	26°♒54'24		
evening set	-5125 Mar 14 j 13:39	26°♒39'18		
inferior conj	-5125 Mar 23 j 19:07	22°♒39'31	0°11'05	
minimum elong	-5125 Mar 23 j 19:37	22°♒38'48	0°10'43	
transit middle	-5125 Mar 23 j 19:37	22°♒38'48	0°10'43	
transit begin	-5125 Mar 23 j 16:36	22°♒43'05		
transit end	-5125 Mar 23 j 22:38	22°♒34'32		
min. Earth dist.	-5125 Mar 24 j 04:18	22°♒26'31	0.55214 AU	
desc. node	-5125 Mar 24 j 11:15	22°♒16'44		
morning rise	-5125 Apr 02 j 01:17	18°♒33'54		
direct	-5125 Apr 04 j 23:29	18°♒15'04		
morning max el	-5125 Apr 17 j 14:34	24°♒18'36	22°06'54	
	-5125 Apr 22 j 17:17	0°♓		
asc. node	-5125 May 08 j 03:15	26°♓28'50		
morning set	-5125 May 08 j 19:48	27°♓54'18		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5125 May 09 j 19:55	0°♈	
superior conj	-5125 May 16 j 04:01	13°♈22'54	1°14'08
minimum elong	-5125 May 16 j 01:21	13°♈08'52	1°13'47
max. Earth dist.	-5125 May 19 j 08:38	20°♈00'41	1.34580 AU
evening rise	-5125 May 24 j 05:35	29°♈44'15	
	-5125 May 24 j 08:50	0°♉	
	-5125 Jun 10 j 19:59	0°♊	
desc. node	-5125 Jun 20 j 09:35	13°♊12'29	
evening max el	-5125 Jun 28 j 01:02	21°♊44'46	27°04'50
retrograde	-5125 Jul 11 j 07:50	29°♊08'03	
evening set	-5125 Jul 18 j 05:08	26°♊20'54	
min. Earth dist.	-5125 Jul 22 j 01:02	22°♊33'14	0.65101 AU
inferior conj	-5125 Jul 24 j 01:12	20°♊15'11	-3°-12'-9
minimum elong	-5125 Jul 24 j 04:44	20°♊05'01	3°10'58
morning rise	-5125 Jul 30 j 05:36	14°♊37'47	
direct	-5125 Aug 02 j 01:24	13°♊54'22	
asc. node	-5125 Aug 04 j 02:57	14°♊17'17	
morning max el	-5125 Aug 08 j 14:55	17°♊28'52	18°18'41
	-5125 Aug 17 j 18:45	0°♋	
morning set	-5125 Aug 27 j 11:30	15°♋53'59	
	-5125 Sep 05 j 02:07	0°♌	
superior conj	-5125 Sep 10 j 23:48	9°♌28'20	0°33'24
minimum elong	-5125 Sep 11 j 03:49	9°♌44'20	0°33'07
max. Earth dist.	-5125 Sep 13 j 22:37	14°♌09'15	1.44637 AU
desc. node	-5125 Sep 16 j 08:49	17°♌58'53	
	-5125 Sep 24 j 00:47	0°♍	
evening rise	-5125 Sep 27 j 15:46	5°♍39'37	
greatest brilliancy	-5125 Oct 13 j 04:08	29°♍28'56	-0.7m
	-5125 Oct 13 j 12:39	0°♎	
evening max el	-5125 Oct 21 j 20:41	10°♎44'44	19°34'44
retrograde	-5125 Oct 29 j 03:43	14°♎58'16	
asc. node	-5125 Oct 31 j 01:44	14°♎36'56	
evening set	-5125 Nov 01 j 12:06	13°♎52'51	
inferior conj	-5125 Nov 07 j 03:38	7°♎54'10	2°15'12
minimum elong	-5125 Nov 07 j 00:51	8°♎03'12	2°14'12
min. Earth dist.	-5125 Nov 08 j 06:47	6°♎26'10	0.66163 AU
morning rise	-5125 Nov 12 j 12:50	1°♎39'46	
	-5125 Nov 14 j 21:05	30°℞♍	
direct	-5125 Nov 18 j 14:39	29°♍01'44	
	-5125 Nov 22 j 15:58	0°♎	
morning max el	-5125 Nov 30 j 21:33	6°♎16'13	25°48'42
desc. node	-5125 Dec 13 j 09:04	21°♎24'14	
	-5125 Dec 19 j 08:45	0°♏	
morning set	-5124 Jan 06 j 02:06	29°♏25'33	
	-5124 Jan 06 j 09:36	0°♐	
max. Earth dist.	-5124 Jan 10 j 00:27	6°♐47'51	1.35986 AU
superior conj	-5124 Jan 15 j 10:25	17°♐26'43	-1°-35'-59
minimum elong	-5124 Jan 15 j 13:16	17°♐41'03	1°35'59
	-5124 Jan 21 j 13:57	0°♑	
evening rise	-5124 Jan 23 j 09:19	3°♑41'43	
asc. node	-5124 Jan 27 j 00:31	10°♑56'58	
	-5124 Feb 07 j 20:44	0°♒	
evening max el	-5124 Feb 10 j 10:04	2°♒42'42	20°06'38
retrograde	-5124 Feb 20 j 15:37	7°♒33'05	
evening set	-5124 Feb 23 j 00:28	7°♒18'41	
inferior conj	-5124 Mar 02 j 18:16	3°♒18'58	1°59'55
minimum elong	-5124 Mar 02 j 22:54	3°♒11'58	1°58'17
min. Earth dist.	-5124 Mar 04 j 18:28	2°♒06'20	0.55752 AU
	-5124 Mar 08 j 16:17	30°℞♑	
desc. node	-5124 Mar 10 j 08:24	29°♑18'10	
morning rise	-5124 Mar 11 j 18:36	28°♑50'22	
direct	-5124 Mar 15 j 15:49	28°♑17'11	
	-5124 Mar 22 j 10:05	0°♒	
morning max el	-5124 Mar 29 j 08:33	5°♒05'09	23°44'43
	-5124 Apr 15 j 19:39	0°♓	
morning set	-5124 Apr 22 j 07:43	12°♓56'00	
asc. node	-5124 Apr 24 j 00:13	16°♓29'47	
superior conj	-5124 Apr 29 j 10:53	28°♓11'38	0°53'27
minimum elong	-5124 Apr 29 j 08:44	28°♓00'03	0°53'02
	-5124 Apr 30 j 07:07	0°♈	
max. Earth dist.	-5124 May 01 j 11:21	2°♈30'27	1.33592 AU
evening rise	-5124 May 07 j 00:15	13°♈57'15	
	-5124 May 15 j 12:34	0°♉	
	-5124 Jun 04 j 21:49	0°♊	
desc. node	-5124 Jun 06 j 06:45	1°♊32'39	
evening max el	-5124 Jun 09 j 11:38	4°♊50'59	27°25'04
retrograde	-5124 Jun 23 j 03:36	12°♊16'11	
evening set	-5124 Jun 30 j 06:31	9°♊36'44	
min. Earth dist.	-5124 Jul 03 j 21:31	6°♊23'09	0.63628 AU
inferior conj	-5124 Jul 06 j 11:50	3°♊41'45	-3°-46'-27
minimum elong	-5124 Jul 06 j 14:59	3°♊33'32	3°45'41
	-5124 Jul 10 j 09:49	30°℞♉	
morning rise	-5124 Jul 13 j 01:18	28°♉22'08	
direct	-5124 Jul 15 j 16:50	27°♉47'25	
	-5124 Jul 20 j 21:44	0°♊	
asc. node	-5124 Jul 21 j 00:01	0°♊04'43	
morning max el	-5124 Jul 22 j 05:28	1°♊12'09	17°59'49
morning set	-5124 Aug 08 j 07:12	27°♊32'30	
	-5124 Aug 09 j 17:15	0°♋	
superior conj	-5124 Aug 20 j 19:32	18°♋46'31	1°12'58
minimum elong	-5124 Aug 21 j 01:32	19°♋11'12	1°12'37
max. Earth dist.	-5124 Aug 26 j 14:41	28°♋11'55	1.43833 AU
	-5124 Aug 27 j 17:41	0°♌	
desc. node	-5124 Sep 02 j 05:47	8°♌41'46	
evening rise	-5124 Sep 05 j 21:40	14°♌23'28	
	-5124 Sep 16 j 03:31	0°♍	
greatest brilliancy	-5124 Sep 27 j 19:34	16°♍46'25	-0.5m
evening max el	-5124 Oct 03 j 23:30	24°♍11'09	20°35'18
retrograde	-5124 Oct 12 j 00:50	28°♍55'58	
evening set	-5124 Oct 15 j 19:10	27°♍34'30	
asc. node	-5124 Oct 16 j 22:54	26°♍36'50	
inferior conj	-5124 Oct 21 j 06:33	21°♍25'20	1°26'04
minimum elong	-5124 Oct 21 j 04:38	21°♍31'46	1°25'22
min. Earth dist.	-5124 Oct 21 j 21:55	20°♍33'20	0.66872 AU
morning rise	-5124 Oct 26 j 13:39	15°♍07'46	
direct	-5124 Nov 01 j 00:14	12°♍47'35	
morning max el	-5124 Nov 12 j 06:22	19°♍29'54	24°28'50
	-5124 Nov 21 j 05:11	0°♎	
desc. node	-5124 Nov 29 j 05:59	11°♎04'59	
	-5124 Dec 11 j 12:26	0°♏	
morning set	-5124 Dec 18 j 02:45	11°♏08'20	
max. Earth dist.	-5124 Dec 21 j 22:57	17°♏58'07	1.37851 AU
	-5124 Dec 28 j 09:29	0°♐	
superior conj	-5124 Dec 28 j 18:48	0°♐44'53	-1°-48'-24
minimum elong	-5124 Dec 28 j 20:39	0°♐53'48	1°48'33
evening rise	-5123 Jan 06 j 09:47	17°♐45'05	
asc. node	-5123 Jan 12 j 21:36	0°♑09'35	
	-5123 Jan 12 j 19:29	0°♑	
evening max el	-5123 Jan 23 j 04:16	14°♑46'55	19°07'42
retrograde	-5123 Jan 31 j 20:58	18°♑56'07	
evening set	-5123 Feb 03 j 06:40	18°♑38'27	
inferior conj	-5123 Feb 11 j 08:24	14°♑24'50	3°17'57
minimum elong	-5123 Feb 11 j 13:09	14°♑16'37	3°16'42
min. Earth dist.	-5123 Feb 14 j 09:20	12°♑19'44	0.57080 AU
morning rise	-5123 Feb 19 j 15:58	9°♑27'03	
direct	-5123 Feb 24 j 19:16	8°♑25'23	
desc. node	-5123 Feb 25 j 05:32	8°♑25'50	
morning max el	-5123 Mar 10 j 23:28	15°♑41'44	25°20'31

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5123 Mar 22 j 11:17	0°♒	
morning set	-5123 Apr 06 j 20:00	27°♒59'46	
	-5123 Apr 07 j 18:48	0°♓	
asc. node	-5123 Apr 10 j 21:10	6°♓39'25	
superior conj	-5123 Apr 13 j 21:02	13°♓10'25	0°30'32
minimum elong	-5123 Apr 13 j 19:44	13°♓03'18	0°30'10
max. Earth dist.	-5123 Apr 14 j 21:04	15°♓21'00	1.32951 AU
evening rise	-5123 Apr 21 j 02:40	28°♓33'46	
	-5123 Apr 21 j 19:34	0°♈	
	-5123 May 08 j 18:44	0°♉	
evening max el	-5123 May 22 j 18:49	17°♉25'53	27°13'49
desc. node	-5123 May 24 j 03:56	18°♉42'23	
retrograde	-5123 Jun 05 j 16:53	24°♉49'52	
evening set	-5123 Jun 12 j 16:40	22°♉31'59	
min. Earth dist.	-5123 Jun 16 j 08:01	19°♉42'10	0.61811 AU
inferior conj	-5123 Jun 19 j 10:53	16°♉50'31	-4°-7'-47
minimum elong	-5123 Jun 19 j 12:32	16°♉46'43	4°07'30
morning rise	-5123 Jun 26 j 11:04	11°♉51'31	
direct	-5123 Jun 29 j 00:02	11°♉23'35	
morning max el	-5123 Jul 05 j 19:32	14°♉48'16	17°59'25
asc. node	-5123 Jul 07 j 21:02	17°♉03'43	
	-5123 Jul 16 j 07:27	0°♊	
morning set	-5123 Jul 21 j 23:16	10°♊09'32	
superior conj	-5123 Aug 01 j 18:48	29°♊26'46	1°37'48
minimum elong	-5123 Aug 01 j 22:53	29°♊44'26	1°37'49
	-5123 Aug 02 j 02:29	0°♋	
max. Earth dist.	-5123 Aug 09 j 01:49	11°♋45'07	1.42434 AU
evening rise	-5123 Aug 16 j 03:38	23°♋09'09	
desc. node	-5123 Aug 20 j 02:46	29°♋20'20	
	-5123 Aug 20 j 13:03	0°♌	
	-5123 Sep 10 j 08:20	0°♍	
greatest brilliancy	-5123 Sep 11 j 22:23	2°♍00'27	-0.4m
evening max el	-5123 Sep 16 j 19:53	7°♍35'53	21°47'38
retrograde	-5123 Sep 25 j 20:58	12°♍58'08	
evening set	-5123 Sep 30 j 03:20	11°♍18'15	
asc. node	-5123 Oct 03 j 20:04	7°♍18'03	
inferior conj	-5123 Oct 05 j 12:10	5°♍02'03	0°34'02
minimum elong	-5123 Oct 05 j 11:23	5°♍04'45	0°33'50
min. Earth dist.	-5123 Oct 05 j 16:54	4°♍45'43	0.67266 AU
	-5123 Oct 09 j 11:21	30°℞♌	
morning rise	-5123 Oct 10 j 19:13	28°♌44'15	
direct	-5123 Oct 15 j 14:33	26°♌44'59	
	-5123 Oct 22 j 16:24	0°♍	
morning max el	-5123 Oct 25 j 16:35	2°♍46'33	23°02'56
greatest brilliancy	-5123 Oct 30 j 16:15	8°♍23'29	-0.3m
	-5123 Nov 15 j 08:20	0°♎	
desc. node	-5123 Nov 16 j 02:53	1°♎09'22	
morning set	-5123 Nov 29 j 01:13	21°♎32'09	
max. Earth dist.	-5123 Dec 03 j 19:34	29°♎34'38	1.39899 AU
	-5123 Dec 04 j 01:27	0°♏	
superior conj	-5123 Dec 11 j 11:50	13°♏13'45	-1°-52'-26
minimum elong	-5123 Dec 11 j 11:26	13°♏11'57	1°52'37
	-5123 Dec 20 j 09:21	0°♐	
evening rise	-5123 Dec 21 j 01:47	1°♐18'34	
asc. node	-5123 Dec 30 j 18:42	18°♐50'44	
evening max el	-5122 Jan 06 j 07:13	27°♐22'16	18°28'46
	-5122 Jan 09 j 18:53	0°♑	
retrograde	-5122 Jan 13 j 20:41	1°♑04'46	
evening set	-5122 Jan 16 j 08:25	0°♑41'56	
	-5122 Jan 18 j 02:56	30°℞♐	
inferior conj	-5122 Jan 23 j 18:41	26°♐08'08	3°57'49
minimum elong	-5122 Jan 23 j 20:49	26°♐03'51	3°57'21
min. Earth dist.	-5122 Jan 27 j 03:25	23°♐27'13	0.58907 AU
morning rise	-5122 Jan 31 j 05:49	20°♐45'32	
direct	-5122 Feb 06 j 11:40	19°♐05'15	
desc. node	-5122 Feb 12 j 02:37	20°♐22'52	
morning max el	-5122 Feb 20 j 17:22	26°♐36'52	26°38'58
	-5122 Feb 23 j 22:57	0°♑	
	-5122 Mar 15 j 18:11	0°♒	
morning set	-5122 Mar 22 j 06:57	12°♒59'05	
asc. node	-5122 Mar 28 j 18:08	26°♒53'16	
superior conj	-5122 Mar 29 j 08:40	28°♒12'50	0°06'18
minimum elong	-5122 Mar 29 j 08:24	28°♒11'21	0°06'04
behind sun begin	-5122 Mar 29 j 03:46	27°♒45'59	
behind sun end	-5122 Mar 29 j 13:02	28°♒36'44	
max. Earth dist.	-5122 Mar 29 j 10:12	28°♒21'10	1.32645 AU
	-5122 Mar 30 j 04:16	0°♓	
evening rise	-5122 Apr 05 j 10:11	13°♓24'45	
	-5122 Apr 13 j 22:20	0°♈	
evening max el	-5122 May 04 j 20:29	29°♈20'45	26°30'01
	-5122 May 05 j 13:12	0°♉	
desc. node	-5122 May 11 j 01:06	4°♉12'50	
retrograde	-5122 May 18 j 22:30	6°♉41'14	
evening set	-5122 May 25 j 07:37	4°♉57'18	
min. Earth dist.	-5122 May 29 j 09:37	2°♉15'12	0.59787 AU
	-5122 Jun 01 j 05:26	30°℞♈	
inferior conj	-5122 Jun 01 j 18:47	29°♈33'00	-4°-9'-19
minimum elong	-5122 Jun 01 j 17:40	29°♈35'16	4°09'10
morning rise	-5122 Jun 09 j 07:20	24°♈55'54	
direct	-5122 Jun 11 j 18:45	24°♈33'27	
morning max el	-5122 Jun 19 j 06:16	28°♈09'38	18°18'16
	-5122 Jun 21 j 00:15	0°♉	
asc. node	-5122 Jun 24 j 18:02	4°♉59'10	
morning set	-5122 Jul 05 j 06:37	23°♉32'21	
	-5122 Jul 08 j 16:26	0°♊	
superior conj	-5122 Jul 14 j 19:26	11°♊23'23	1°48'32
minimum elong	-5122 Jul 14 j 20:37	11°♊28'46	1°48'46
max. Earth dist.	-5122 Jul 22 j 06:41	24°♊35'09	1.40643 AU
	-5122 Jul 25 j 11:37	0°♋	
evening rise	-5122 Jul 27 j 04:36	2°♋49'32	
desc. node	-5122 Aug 06 j 23:45	19°♋50'37	
	-5122 Aug 13 j 21:21	0°♌	
greatest brilliancy	-5122 Aug 25 j 01:18	14°♌57'06	-0.2m
evening max el	-5122 Aug 30 j 10:32	20°♌59'57	23°07'15
retrograde	-5122 Sep 09 j 14:30	27°♌01'33	
evening set	-5122 Sep 14 j 10:45	25°♌01'48	
inferior conj	-5122 Sep 19 j 18:41	18°♌42'09	0°-19'-8
minimum elong	-5122 Sep 19 j 19:07	18°♌40'39	0°18'45
min. Earth dist.	-5122 Sep 19 j 13:15	19°♌00'51	0.67370 AU
asc. node	-5122 Sep 20 j 17:13	17°♌25'00	
morning rise	-5122 Sep 25 j 03:30	12°♌27'14	
direct	-5122 Sep 29 j 08:45	10°♌48'55	
morning max el	-5122 Oct 08 j 07:02	16°♌07'05	21°39'25
greatest brilliancy	-5122 Oct 13 j 08:50	21°♌57'24	-0.4m
	-5122 Oct 19 j 09:43	0°♍	
desc. node	-5122 Nov 02 j 23:44	21°♍29'46	
	-5122 Nov 08 j 10:38	0°♎	
morning set	-5122 Nov 08 j 19:22	0°♎34'36	
max. Earth dist.	-5122 Nov 15 j 20:27	11°♎58'28	1.41859 AU
superior conj	-5122 Nov 23 j 07:50	24°♎38'22	-1°-44'-40
minimum elong	-5122 Nov 23 j 04:07	24°♎22'14	1°44'35
	-5122 Nov 26 j 09:06	0°♏	
evening rise	-5122 Dec 04 j 05:49	14°♏13'20	
	-5122 Dec 13 j 02:47	0°♐	
asc. node	-5122 Dec 17 j 15:49	6°♐49'48	
evening max el	-5122 Dec 20 j 16:15	10°♐20'20	18°09'58
retrograde	-5122 Dec 27 j 13:04	13°♐50'24	
evening set	-5122 Dec 30 j 03:07	13°♐21'10	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

inferior conj	-5121 Jan 06 j 00:09	8°♐25'26	4°05'49
minimum elong	-5121 Jan 05 j 23:27	8°♐27'03	4°05'33
min. Earth dist.	-5121 Jan 09 j 03:35	5°♐31'53	0.60894 AU
morning rise	-5121 Jan 12 j 17:12	2°♐45'05	
direct	-5121 Jan 19 j 14:59	0°♐28'24	
desc. node	-5121 Jan 29 j 23:40	4°♐50'32	
morning max el	-5121 Feb 02 j 17:06	8°♐07'25	27°27'45
	-5121 Feb 19 j 10:51	0°♑	
morning set	-5121 Mar 06 j 14:40	27°♑46'49	
	-5121 Mar 07 j 16:21	0°♒	
max. Earth dist.	-5121 Mar 12 j 23:03	11°♒17'43	1.32675 AU
superior conj	-5121 Mar 13 j 20:09	13°♒12'40	0°-18'-27
minimum elong	-5121 Mar 13 j 20:58	13°♒17'10	0°18'31
asc. node	-5121 Mar 15 j 15:05	17°♒07'06	
evening rise	-5121 Mar 20 j 20:40	28°♒22'27	
	-5121 Mar 21 j 15:19	0°♓	
	-5121 Apr 07 j 17:06	0°♈	
evening max el	-5121 Apr 16 j 16:18	10°♈36'25	25°18'02
desc. node	-5121 Apr 27 j 22:16	17°♈28'18	
retrograde	-5121 Apr 30 j 18:11	17°♈47'11	
evening set	-5121 May 06 j 01:17	16°♈41'38	
min. Earth dist.	-5121 May 11 j 04:52	13°♈50'45	0.57812 AU
inferior conj	-5121 May 14 j 08:09	11°♈40'28	-3°-41'-48
minimum elong	-5121 May 14 j 03:50	11°♈47'59	3°41'05
morning rise	-5121 May 22 j 10:34	7°♈23'54	
direct	-5121 May 24 j 21:00	7°♈05'49	
morning max el	-5121 Jun 02 j 10:48	11°♈07'16	18°57'11
asc. node	-5121 Jun 11 j 15:01	23°♈38'12	
	-5121 Jun 15 j 03:33	0°♉	
morning set	-5121 Jun 19 j 01:10	7°♉31'14	
superior conj	-5121 Jun 27 j 15:54	24°♉21'19	1°48'04
minimum elong	-5121 Jun 27 j 14:49	24°♉16'08	1°48'15
	-5121 Jun 30 j 15:38	0°♊	
max. Earth dist.	-5121 Jul 04 j 08:08	6°♊45'09	1.38711 AU
evening rise	-5121 Jul 08 j 08:15	13°♊48'40	
	-5121 Jul 18 j 04:23	0°♋	
desc. node	-5121 Jul 24 j 20:48	10°♋08'20	
	-5121 Aug 08 j 18:54	0°♌	
evening max el	-5121 Aug 12 j 21:56	4°♌27'16	24°27'47
retrograde	-5121 Aug 24 j 04:24	11°♌03'45	
evening set	-5121 Aug 29 j 15:41	8°♌44'29	
min. Earth dist.	-5121 Sep 03 j 08:31	3°♌18'18	0.67181 AU
inferior conj	-5121 Sep 04 j 00:26	2°♌24'49	-1°-11'-43
minimum elong	-5121 Sep 04 j 02:04	2°♌19'18	1°10'49
	-5121 Sep 05 j 20:34	30°℞♋	
asc. node	-5121 Sep 07 j 14:20	27°♋58'54	
morning rise	-5121 Sep 09 j 12:42	26°♋16'11	
direct	-5121 Sep 13 j 05:46	24°♋56'58	
morning max el	-5121 Sep 21 j 04:08	29°♋35'28	20°24'50
	-5121 Sep 21 j 13:35	0°♌	
greatest brilliancy	-5121 Sep 27 j 18:47	7°♌36'16	-0.6m
	-5121 Oct 13 j 01:35	0°♍	
morning set	-5121 Oct 18 j 19:23	8°♍50'08	
desc. node	-5121 Oct 20 j 20:36	12°♍01'34	
max. Earth dist.	-5121 Oct 29 j 04:54	25°♍14'08	1.43459 AU
	-5121 Nov 01 j 03:34	0°♎	
superior conj	-5121 Nov 04 j 01:35	4°♎47'03	-1°-21'-43
minimum elong	-5121 Nov 03 j 19:10	4°♎20'35	1°21'06
evening rise	-5121 Nov 16 j 17:45	26°♎21'12	
	-5121 Nov 18 j 19:56	0°♏	
evening max el	-5121 Dec 04 j 04:30	23°♏33'32	18°10'37
asc. node	-5121 Dec 04 j 12:57	23°♏54'24	
retrograde	-5121 Dec 10 j 18:17	27°♏03'25	
evening set	-5121 Dec 13 j 11:19	26°♏26'35	
inferior conj	-5121 Dec 19 j 21:29	21°♏09'37	3°51'11
minimum elong	-5121 Dec 19 j 18:58	21°♏16'14	3°50'38
min. Earth dist.	-5121 Dec 22 j 12:27	18°♏25'17	0.62764 AU
morning rise	-5121 Dec 26 j 00:46	15°♏16'10	
direct	-5120 Jan 02 j 02:42	12°♏35'31	
morning max el	-5120 Jan 15 j 22:29	20°♏17'13	27°41'01
desc. node	-5120 Jan 16 j 20:41	21°♏12'53	
	-5120 Jan 24 j 08:45	0°♐	
	-5120 Feb 12 j 08:47	0°♑	
morning set	-5120 Feb 18 j 16:57	12°♑14'58	
max. Earth dist.	-5120 Feb 24 j 07:56	23°♑57'29	1.33066 AU
superior conj	-5120 Feb 26 j 05:46	28°♑03'34	0°-42'-49
minimum elong	-5120 Feb 26 j 07:36	28°♑13'32	0°42'44
	-5120 Feb 27 j 03:19	0°♒	
asc. node	-5120 Mar 01 j 12:04	7°♒16'35	
evening rise	-5120 Mar 04 j 08:15	13°♒19'53	
	-5120 Mar 12 j 20:38	0°♓	
evening max el	-5120 Mar 28 j 08:42	21°♓25'40	23°48'10
retrograde	-5120 Apr 11 j 01:14	28°♓14'14	
desc. node	-5120 Apr 13 j 19:28	27°♓57'16	
evening set	-5120 Apr 15 j 01:15	27°♓38'58	
min. Earth dist.	-5120 Apr 21 j 20:27	24°♓26'54	0.56220 AU
inferior conj	-5120 Apr 24 j 01:26	23°♓06'18	-2°-36'-40
minimum elong	-5120 Apr 23 j 19:55	23°♓14'44	2°35'16
morning rise	-5120 May 02 j 18:12	19°♓04'48	
direct	-5120 May 05 j 04:43	18°♓49'30	
morning max el	-5120 May 15 j 06:20	23°♓30'40	19°56'25
	-5120 May 20 j 19:10	0°♈	
asc. node	-5120 May 28 j 11:57	12°♈49'38	
morning set	-5120 Jun 02 j 03:34	21°♈56'35	
	-5120 Jun 06 j 02:46	0°♉	
superior conj	-5120 Jun 10 j 02:46	8°♉04'30	1°39'18
minimum elong	-5120 Jun 10 j 00:25	7°♉52'46	1°39'16
max. Earth dist.	-5120 Jun 15 j 11:47	18°♉33'11	1.36877 AU
evening rise	-5120 Jun 19 j 12:08	26°♉00'25	
	-5120 Jun 21 j 17:37	0°♊	
desc. node	-5120 Jul 10 j 17:54	0°♋06'40	
	-5120 Jul 10 j 16:00	0°♋	
evening max el	-5120 Jul 25 j 08:31	17°♋57'16	25°41'37
retrograde	-5120 Aug 06 j 13:50	24°♋59'52	
evening set	-5120 Aug 12 j 16:13	22°♋23'55	
min. Earth dist.	-5120 Aug 17 j 00:12	17°♋35'30	0.66665 AU
inferior conj	-5120 Aug 18 j 03:37	16°♋07'28	-2°-2'-4
minimum elong	-5120 Aug 18 j 06:17	15°♋58'51	2°00'50
morning rise	-5120 Aug 23 j 20:56	10°♋08'32	
asc. node	-5120 Aug 24 j 11:27	9°♋47'33	
direct	-5120 Aug 27 j 03:59	9°♋05'41	
morning max el	-5120 Sep 03 j 08:24	13°♋12'16	19°23'26
greatest brilliancy	-5120 Sep 13 j 06:09	26°♋14'02	-0.7m
	-5120 Sep 15 j 18:12	0°♌	
morning set	-5120 Sep 26 j 23:37	17°♌24'18	
	-5120 Oct 05 j 00:37	0°♍	
desc. node	-5120 Oct 06 j 17:31	2°♍40'44	
max. Earth dist.	-5120 Oct 10 j 19:49	9°♍08'34	1.44474 AU
superior conj	-5120 Oct 13 j 16:30	13°♍41'12	0°-42'-51
minimum elong	-5120 Oct 13 j 11:24	13°♍20'56	0°42'08
	-5120 Oct 23 j 18:58	0°♎	
evening rise	-5120 Oct 28 j 08:52	7°♎32'55	
	-5120 Nov 11 j 06:26	0°♏	
evening max el	-5120 Nov 16 j 17:09	6°♏55'31	18°29'48
asc. node	-5120 Nov 20 j 10:06	9°♏49'54	
retrograde	-5120 Nov 23 j 08:08	10°♏35'42	
evening set	-5120 Nov 26 j 05:33	9°♏49'36	
inferior conj	-5120 Dec 02 j 06:58	4°♏13'47	3°21'21

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5120 Dec 02 j 03:44	4°♏23'11	3°20'26
min. Earth dist.	-5120 Dec 04 j 07:22	1°♏53'40	0.64349 AU
	-5120 Dec 06 j 01:19	30°℞♎	
morning rise	-5120 Dec 08 j 00:38	28°♎10'03	
direct	-5120 Dec 14 j 21:22	25°♎20'39	
	-5120 Dec 25 j 00:21	0°♏	
morning max el	-5120 Dec 28 j 07:26	2°♏59'52	27°19'27
desc. node	-5119 Jan 02 j 17:41	8°♏57'36	
	-5119 Jan 17 j 16:19	0°♐	
morning set	-5119 Feb 01 j 11:02	26°♐14'15	
	-5119 Feb 03 j 08:38	0°♑	
max. Earth dist.	-5119 Feb 06 j 09:02	6°♑08'31	1.33853 AU
superior conj	-5119 Feb 09 j 11:41	12°♑39'10	-1°-5'-48
minimum elong	-5119 Feb 09 j 14:19	12°♑53'06	1°05'40
asc. node	-5119 Feb 16 j 09:05	27°♑17'31	
evening rise	-5119 Feb 16 j 19:14	28°♑10'36	
	-5119 Feb 17 j 16:17	0°♒	
	-5119 Mar 07 j 23:06	0°♓	
evening max el	-5119 Mar 10 j 03:06	2°♓13'17	22°14'22
retrograde	-5119 Mar 22 j 20:21	8°♓23'25	
evening set	-5119 Mar 25 j 19:06	8°♓04'14	
desc. node	-5119 Mar 31 j 16:38	5°♓48'38	
min. Earth dist.	-5119 Apr 03 j 10:42	4°♓18'22	0.55328 AU
inferior conj	-5119 Apr 04 j 02:28	3°♓56'03	0°-55'-44
minimum elong	-5119 Apr 03 j 23:56	3°♓59'38	0°55'02
morning rise	-5119 Apr 13 j 06:21	29°♒57'27	
	-5119 Apr 13 j 01:19	30°℞♒	
direct	-5119 Apr 15 j 21:17	29°♒41'50	
	-5119 Apr 18 j 15:37	0°♓	
morning max el	-5119 Apr 27 j 15:13	5°♓13'56	21°14'43
	-5119 May 14 j 03:35	0°♈	
asc. node	-5119 May 15 j 08:56	2°♈25'35	
morning set	-5119 May 17 j 11:15	6°♈41'18	
superior conj	-5119 May 24 j 23:49	22°♈20'52	1°24'35
minimum elong	-5119 May 24 j 21:04	22°♈06'40	1°24'20
	-5119 May 28 j 18:02	0°♉	
max. Earth dist.	-5119 May 28 j 22:58	0°♉24'40	1.35320 AU
evening rise	-5119 Jun 02 j 10:57	9°♉10'32	
	-5119 Jun 14 j 07:12	0°♊	
desc. node	-5119 Jun 27 j 15:01	19°♊36'56	
	-5119 Jul 06 j 09:35	0°♋	
evening max el	-5119 Jul 07 j 19:32	1°♋25'10	26°40'33
retrograde	-5119 Jul 20 j 18:27	8°♋43'45	
evening set	-5119 Jul 27 j 10:04	5°♋57'35	
min. Earth dist.	-5119 Jul 31 j 09:56	1°♋48'20	0.65786 AU
	-5119 Aug 01 j 22:00	30°℞♊	
inferior conj	-5119 Aug 02 j 02:15	29°♊47'12	-2°-48'-18
minimum elong	-5119 Aug 02 j 05:38	29°♊37'01	2°47'01
morning rise	-5119 Aug 08 j 02:12	24°♊01'17	
direct	-5119 Aug 11 j 01:27	23°♊11'42	
asc. node	-5119 Aug 11 j 08:33	23°♊12'12	
morning max el	-5119 Aug 17 j 18:30	26°♊55'16	18°37'31
	-5119 Aug 20 j 11:02	0°♋	
morning set	-5119 Sep 07 j 02:09	27°♋05'09	
	-5119 Sep 08 j 21:32	0°♌	
superior conj	-5119 Sep 22 j 16:15	21°♌56'17	0°05'50
minimum elong	-5119 Sep 22 j 17:02	21°♌59'21	0°05'54
behind sun begin	-5119 Sep 22 j 06:19	21°♌17'05	
behind sun end	-5119 Sep 23 j 03:45	22°♌41'36	
max. Earth dist.	-5119 Sep 23 j 13:42	23°♌20'52	1.44785 AU
desc. node	-5119 Sep 23 j 14:26	23°♌23'45	
	-5119 Sep 27 j 19:00	0°♍	
evening rise	-5119 Oct 08 j 23:13	17°♍40'03	
	-5119 Oct 16 j 17:49	0°♎	
evening max el	-5119 Oct 31 j 03:36	20°♎21'11	19°06'23
retrograde	-5119 Nov 07 j 03:00	24°♎20'36	
asc. node	-5119 Nov 07 j 07:16	24°♎20'25	
evening set	-5119 Nov 10 j 06:41	23°♎23'02	
inferior conj	-5119 Nov 16 j 01:19	17°♎31'34	2°41'23
minimum elong	-5119 Nov 15 j 22:11	17°♎41'21	2°40'20
min. Earth dist.	-5119 Nov 17 j 11:47	15°♎43'29	0.65595 AU
morning rise	-5119 Nov 21 j 12:46	11°♎20'04	
direct	-5119 Nov 27 j 22:21	8°♎35'03	
morning max el	-5119 Dec 10 j 17:18	16°♎02'46	26°28'19
desc. node	-5119 Dec 20 j 14:39	27°♎39'49	
	-5119 Dec 22 j 08:24	0°♏	
	-5118 Jan 10 j 11:43	0°♐	
morning set	-5118 Jan 15 j 17:05	9°♐31'55	
max. Earth dist.	-5118 Jan 19 j 23:03	17°♐43'39	1.35078 AU
superior conj	-5118 Jan 24 j 11:36	26°♐51'05	-1°-26'-9
minimum elong	-5118 Jan 24 j 14:34	27°♐06'21	1°26'04
	-5118 Jan 26 j 00:11	0°♑	
evening rise	-5118 Feb 01 j 03:42	12°♑47'14	
asc. node	-5118 Feb 03 j 06:08	17°♑04'05	
	-5118 Feb 10 j 04:13	0°♒	
evening max el	-5118 Feb 20 j 05:05	13°♒22'37	20°48'53
retrograde	-5118 Mar 03 j 10:18	18°♒42'32	
evening set	-5118 Mar 05 j 20:41	18°♒28'28	
inferior conj	-5118 Mar 14 j 22:08	14°♒30'27	0°59'39
minimum elong	-5118 Mar 15 j 00:46	14°♒26'39	0°58'34
min. Earth dist.	-5118 Mar 16 j 00:53	13°♒51'55	0.55329 AU
desc. node	-5118 Mar 18 j 13:49	12°♒27'49	
morning rise	-5118 Mar 24 j 03:27	10°♒16'37	
direct	-5118 Mar 27 j 09:38	9°♒53'31	
morning max el	-5118 Apr 09 j 13:51	16°♒17'40	22°47'54
	-5118 Apr 20 j 07:59	0°♓	
morning set	-5118 May 01 j 22:07	21°♓38'12	
asc. node	-5118 May 02 j 05:54	22°♓18'47	
	-5118 May 05 j 20:59	0°♈	
superior conj	-5118 May 09 j 03:49	7°♈00'04	1°05'42
minimum elong	-5118 May 09 j 01:18	6°♈46'47	1°05'19
max. Earth dist.	-5118 May 11 j 19:59	12°♈37'36	1.34113 AU
evening rise	-5118 May 16 j 23:32	23°♈04'00	
	-5118 May 20 j 14:10	0°♉	
	-5118 Jun 07 j 23:15	0°♊	
desc. node	-5118 Jun 14 j 12:09	8°♊27'17	
evening max el	-5118 Jun 20 j 06:36	14°♊42'10	27°16'56
retrograde	-5118 Jul 03 j 17:53	22°♊07'37	
evening set	-5118 Jul 10 j 18:29	19°♊21'44	
min. Earth dist.	-5118 Jul 14 j 11:43	15°♊49'41	0.64520 AU
inferior conj	-5118 Jul 16 j 18:03	13°♊20'08	-3°-27'-58
minimum elong	-5118 Jul 16 j 21:33	13°♊10'29	3°26'57
morning rise	-5118 Jul 23 j 02:10	7°♊50'14	
direct	-5118 Jul 25 j 19:49	7°♊10'57	
asc. node	-5118 Jul 29 j 05:38	8°♊11'07	
morning max el	-5118 Aug 01 j 08:12	10°♊40'16	18°08'27
	-5118 Aug 14 j 13:08	0°♋	
morning set	-5118 Aug 19 j 07:42	8°♋03'11	
superior conj	-5118 Sep 01 j 23:21	0°♌36'54	0°51'50
minimum elong	-5118 Sep 02 j 04:50	0°♌58'58	0°51'25
	-5118 Sep 01 j 14:12	0°♌	
max. Earth dist.	-5118 Sep 06 j 06:54	7°♌30'57	1.44370 AU
desc. node	-5118 Sep 10 j 11:22	14°♌07'42	
evening rise	-5118 Sep 18 j 13:55	26°♌46'11	
	-5118 Sep 20 j 16:01	0°♍	
greatest brilliancy	-5118 Oct 07 j 00:08	24°♍32'37	-0.6m
	-5118 Oct 11 j 02:20	0°♎	
evening max el	-5118 Oct 14 j 09:41	3°♎48'01	19°58'51

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

retrograde	-5118 Oct 21 j 23:59	8°♎14'28	
asc. node	-5118 Oct 25 j 04:27	7°♎15'23	
evening set	-5118 Oct 25 j 12:13	7°♎02'43	
inferior conj	-5118 Oct 31 j 01:46	0°♎59'06	1°54'52
minimum elong	-5118 Oct 30 j 23:19	1°♎07'13	1°53'57
	-5118 Oct 31 j 19:36	30°℞♍	
min. Earth dist.	-5118 Oct 31 j 23:47	29°♍46'12	0.66499 AU
morning rise	-5118 Nov 05 j 09:47	24°♍42'42	
direct	-5118 Nov 11 j 05:09	22°♍11'33	
morning max el	-5118 Nov 23 j 02:24	29°♍14'39	25°16'03
	-5118 Nov 23 j 20:10	0°♎	
desc. node	-5118 Dec 07 j 11:36	17°♎02'57	
	-5118 Dec 16 j 04:36	0°♏	
morning set	-5118 Dec 29 j 06:11	21°♏54'02	
max. Earth dist.	-5117 Jan 02 j 01:34	28°♏52'49	1.36738 AU
	-5117 Jan 02 j 15:53	0°♐	
superior conj	-5117 Jan 08 j 02:40	10°♐31'38	-1°-42'-6
minimum elong	-5117 Jan 08 j 05:14	10°♐44'19	1°42'10
evening rise	-5117 Jan 16 j 07:44	27°♐04'09	
	-5117 Jan 17 j 18:50	0°♑	
asc. node	-5117 Jan 21 j 03:11	6°♑30'48	
evening max el	-5117 Feb 02 j 17:28	25°♑06'42	19°39'12
retrograde	-5117 Feb 12 j 06:39	29°♑37'52	
evening set	-5117 Feb 14 j 15:18	29°♑22'33	
inferior conj	-5117 Feb 23 j 02:29	25°♑18'27	2°37'41
minimum elong	-5117 Feb 23 j 07:39	25°♑10'12	2°36'03
min. Earth dist.	-5117 Feb 25 j 15:28	23°♑41'46	0.56232 AU
morning rise	-5117 Mar 03 j 20:35	20°♑36'58	
desc. node	-5117 Mar 05 j 10:58	20°♑11'13	
direct	-5117 Mar 08 j 06:19	19°♑53'16	
morning max el	-5117 Mar 22 j 05:45	26°♑56'15	24°26'35
	-5117 Mar 25 j 04:30	0°♒	
	-5117 Apr 13 j 04:09	0°♓	
morning set	-5117 Apr 16 j 10:21	6°♓40'56	
asc. node	-5117 Apr 19 j 02:50	12°♓23'37	
superior conj	-5117 Apr 23 j 12:17	21°♓53'39	0°43'57
minimum elong	-5117 Apr 23 j 10:27	21°♓43'46	0°43'33
max. Earth dist.	-5117 Apr 25 j 01:48	25°♓15'44	1.33273 AU
	-5117 Apr 27 j 07:13	0°♈	
evening rise	-5117 Apr 30 j 21:50	7°♈27'57	
	-5117 May 13 j 02:19	0°♉	
desc. node	-5117 Jun 01 j 09:19	26°♉20'30	
evening max el	-5117 Jun 02 j 16:00	27°♉36'21	27°24'23
	-5117 Jun 05 j 08:18	0°♊	
retrograde	-5117 Jun 16 j 11:18	5°♊02'00	
evening set	-5117 Jun 23 j 13:55	2°♊30'05	
	-5117 Jun 26 j 14:34	30°℞♉	
min. Earth dist.	-5117 Jun 27 j 04:09	29°♉28'03	0.62885 AU
inferior conj	-5117 Jun 30 j 00:11	26°♉40'08	-3°-57'-30
minimum elong	-5117 Jun 30 j 02:51	26°♉33'31	3°56'56
morning rise	-5117 Jul 06 j 18:01	21°♉28'58	
direct	-5117 Jul 09 j 08:08	20°♉57'29	
morning max el	-5117 Jul 15 j 22:52	24°♉21'19	17°57'16
asc. node	-5117 Jul 16 j 02:40	24°♉30'47	
	-5117 Jul 20 j 12:50	0°♊	
morning set	-5117 Aug 01 j 12:45	20°♊08'13	
	-5117 Aug 07 j 03:25	0°♋	
superior conj	-5117 Aug 13 j 06:31	10°♋29'06	1°25'22
minimum elong	-5117 Aug 13 j 12:01	10°♋52'08	1°25'09
max. Earth dist.	-5117 Aug 19 j 20:37	21°♋21'04	1.43299 AU
	-5117 Aug 25 j 06:31	0°♌	
desc. node	-5117 Aug 28 j 08:19	4°♌49'02	
evening rise	-5117 Aug 28 j 17:08	5°♌23'20	
	-5117 Sep 14 j 02:01	0°♍	

greatest brilliancy	-5117 Sep 21 j 22:06	10°♍47'39	-0.5m
evening max el	-5117 Sep 27 j 09:49	17°♍13'39	21°04'56
retrograde	-5117 Oct 05 j 20:49	22°♍13'51	
evening set	-5117 Oct 09 j 19:56	20°♍45'01	
asc. node	-5117 Oct 12 j 01:37	18°♍37'42	
inferior conj	-5117 Oct 15 j 06:04	14°♍32'37	1°04'14
minimum elong	-5117 Oct 15 j 04:37	14°♍37'35	1°03'44
min. Earth dist.	-5117 Oct 15 j 16:54	13°♍55'34	0.67079 AU
morning rise	-5117 Oct 20 j 12:53	8°♍14'29	
direct	-5117 Oct 25 j 17:01	6°♍02'42	
morning max el	-5117 Nov 05 j 11:15	12°♍28'32	23°52'21
	-5117 Nov 19 j 13:13	0°♎	
desc. node	-5117 Nov 24 j 08:30	6°♎54'33	
	-5117 Dec 09 j 00:43	0°♏	
morning set	-5117 Dec 10 j 20:15	3°♏04'07	
max. Earth dist.	-5117 Dec 14 j 21:43	10°♏07'31	1.38714 AU
superior conj	-5117 Dec 22 j 05:06	23°♏30'15	-1°-51'-19
minimum elong	-5117 Dec 22 j 06:10	23°♏35'16	1°51'32
	-5117 Dec 25 j 14:37	0°♐	
evening rise	-5117 Dec 31 j 04:54	10°♐55'05	
asc. node	-5116 Jan 08 j 00:16	25°♐30'49	
	-5116 Jan 10 j 18:24	0°♑	
evening max el	-5116 Jan 16 j 15:45	7°♑25'16	18°48'43
retrograde	-5116 Jan 24 j 19:18	11°♑20'46	
evening set	-5116 Jan 27 j 05:59	11°♑00'59	
inferior conj	-5116 Feb 04 j 00:56	6°♑39'29	3°39'19
minimum elong	-5116 Feb 04 j 04:44	6°♑32'28	3°38'26
min. Earth dist.	-5116 Feb 07 j 07:20	4°♑16'27	0.57818 AU
morning rise	-5116 Feb 11 j 23:50	1°♑30'32	
direct	-5116 Feb 17 j 15:44	0°♑12'42	
desc. node	-5116 Feb 20 j 08:05	0°♑30'09	
morning max el	-5116 Mar 02 j 21:02	7°♑36'42	25°56'52
	-5116 Mar 19 j 12:34	0°♒	
morning set	-5116 Mar 30 j 22:16	21°♒43'33	
	-5116 Apr 03 j 19:10	0°♓	
asc. node	-5116 Apr 04 j 23:46	2°♓35'33	
superior conj	-5116 Apr 06 j 23:17	6°♓54'53	0°20'23
minimum elong	-5116 Apr 06 j 22:24	6°♓50'04	0°20'03
max. Earth dist.	-5116 Apr 07 j 13:26	8°♓12'10	1.32779 AU
evening rise	-5116 Apr 14 j 02:44	22°♓12'08	
	-5116 Apr 17 j 23:48	0°♈	
	-5116 May 06 j 05:52	0°♉	
evening max el	-5116 May 14 j 21:20	9°♉56'19	26°59'13
desc. node	-5116 May 18 j 06:28	12°♉52'38	
retrograde	-5116 May 28 j 21:26	17°♉18'35	
evening set	-5116 Jun 04 j 16:21	15°♉14'20	
min. Earth dist.	-5116 Jun 08 j 10:51	12°♉29'40	0.60963 AU
inferior conj	-5116 Jun 11 j 17:18	9°♉39'38	-4°-11'-26
minimum elong	-5116 Jun 11 j 17:55	9°♉38'18	4°11'15
morning rise	-5116 Jun 18 j 22:30	4°♉49'30	
direct	-5116 Jun 21 j 10:44	4°♉23'58	
morning max el	-5116 Jun 28 j 11:50	7°♉52'12	18°04'58
asc. node	-5116 Jul 01 j 23:41	11°♉55'41	
	-5116 Jul 12 j 19:30	0°♊	
morning set	-5116 Jul 14 j 11:59	3°♊06'53	
superior conj	-5116 Jul 24 j 17:13	21°♊43'33	1°43'56
minimum elong	-5116 Jul 24 j 20:03	21°♊56'08	1°44'04
	-5116 Jul 29 j 11:30	0°♋	
max. Earth dist.	-5116 Aug 01 j 05:23	4°♋38'11	1.41717 AU
evening rise	-5116 Aug 07 j 05:34	14°♋28'03	
desc. node	-5116 Aug 14 j 05:16	25°♋24'35	
	-5116 Aug 17 j 05:52	0°♌	
greatest brilliancy	-5116 Sep 04 j 10:23	25°♌19'22	-0.3m
	-5116 Sep 08 j 12:51	0°♍	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening max el	-5116 Sep 09 j 03:44	0°♍38'21	22°20'55
retrograde	-5116 Sep 18 j 15:50	6°♍16'41	
evening set	-5116 Sep 23 j 03:59	4°♍28'28	
	-5116 Sep 27 j 04:17	30°℞♌	
asc. node	-5116 Sep 27 j 22:47	28°♌57'08	
inferior conj	-5116 Sep 28 j 12:16	28°♌10'37	0°11'29
minimum elong	-5116 Sep 28 j 12:00	28°♌11'33	0°11'33
transit middle	-5116 Sep 28 j 12:00	28°♌11'33	0°11'33
transit begin	-5116 Sep 28 j 10:05	28°♌18'10	
transit end	-5116 Sep 28 j 13:55	28°♌04'57	
min. Earth dist.	-5116 Sep 28 j 12:42	28°♌09'09	0.67357 AU
morning rise	-5116 Oct 03 j 19:52	21°♌53'48	
direct	-5116 Oct 08 j 09:08	20°♌03'27	
morning max el	-5116 Oct 17 j 22:46	25°♌45'41	22°26'33
	-5116 Oct 21 j 18:19	0°♍	
greatest brilliancy	-5116 Oct 22 j 16:15	1°♍06'16	-0.3m
desc. node	-5116 Nov 10 j 05:22	27°♍06'16	
	-5116 Nov 12 j 02:53	0°♎	
morning set	-5116 Nov 20 j 06:18	12°♎51'01	
max. Earth dist.	-5116 Nov 25 j 19:49	22°♎03'32	1.40767 AU
	-5116 Nov 30 j 10:38	0°♏	
superior conj	-5116 Dec 03 j 13:54	5°♏33'28	-1°-50'-48
minimum elong	-5116 Dec 03 j 12:11	5°♏25'44	1°50'55
evening rise	-5116 Dec 13 j 16:13	24°♏12'44	
	-5116 Dec 16 j 18:32	0°♐	
asc. node	-5116 Dec 24 j 21:23	13°♐55'09	
evening max el	-5116 Dec 29 j 21:38	20°♐11'01	18°18'20
retrograde	-5115 Jan 06 j 02:34	23°♐46'29	
evening set	-5115 Jan 08 j 15:23	23°♐20'54	
inferior conj	-5115 Jan 15 j 19:40	18°♐37'31	4°04'33
minimum elong	-5115 Jan 15 j 20:31	18°♐35'41	4°04'16
min. Earth dist.	-5115 Jan 19 j 03:17	15°♐48'36	0.59751 AU
morning rise	-5115 Jan 22 j 22:40	13°♐06'53	
direct	-5115 Jan 29 j 12:49	11°♐10'24	
desc. node	-5115 Feb 06 j 05:10	13°♐35'10	
morning max el	-5115 Feb 12 j 17:10	18°♐44'54	27°04'01
	-5115 Feb 22 j 05:39	0°♑	
	-5115 Mar 12 j 01:35	0°♒	
morning set	-5115 Mar 15 j 08:04	6°♒38'37	
superior conj	-5115 Mar 22 j 11:00	21°♒56'32	0°-4'-12
minimum elong	-5115 Mar 22 j 11:12	21°♒57'37	0°04'22
behind sun begin	-5115 Mar 22 j 06:22	21°♒31'11	
behind sun end	-5115 Mar 22 j 16:02	22°♒24'03	
max. Earth dist.	-5115 Mar 22 j 03:06	21°♒13'20	1.32617 AU
asc. node	-5115 Mar 22 j 20:44	22°♒49'43	
	-5115 Mar 26 j 03:40	0°♓	
evening rise	-5115 Mar 29 j 11:45	7°♓06'47	
	-5115 Apr 10 j 14:26	0°♈	
evening max el	-5115 Apr 26 j 20:29	21°♈33'40	26°02'23
desc. node	-5115 May 05 j 03:40	27°♈30'22	
retrograde	-5115 May 10 j 22:42	28°♈50'20	
evening set	-5115 May 16 j 22:12	27°♈22'49	
min. Earth dist.	-5115 May 21 j 09:08	24°♈39'03	0.58928 AU
inferior conj	-5115 May 24 j 17:39	22°♈07'58	-4°-1'-48
minimum elong	-5115 May 24 j 15:07	22°♈12'45	4°01'30
morning rise	-5115 Jun 01 j 11:55	17°♈39'54	
direct	-5115 Jun 03 j 23:05	17°♈19'17	
morning max el	-5115 Jun 11 j 20:13	21°♈04'03	18°32'23
asc. node	-5115 Jun 18 j 20:39	0°♉10'38	
	-5115 Jun 18 j 17:59	0°♉	
morning set	-5115 Jun 28 j 00:34	16°♉46'12	
	-5115 Jul 04 j 22:06	0°♊	
superior conj	-5115 Jul 07 j 03:01	4°♊08'13	1°49'31
minimum elong	-5115 Jul 07 j 03:08	4°♊08'43	1°49'46
max. Earth dist.	-5115 Jul 14 j 08:49	17°♊12'05	1.39828 AU
evening rise	-5115 Jul 18 j 17:42	24°♊40'52	
	-5115 Jul 21 j 22:52	0°♋	
desc. node	-5115 Aug 01 j 02:16	15°♋50'12	
	-5115 Aug 11 j 00:43	0°♌	
evening max el	-5115 Aug 22 j 16:42	14°♌03'41	23°41'43
retrograde	-5115 Sep 02 j 07:55	20°♌20'36	
evening set	-5115 Sep 07 j 10:37	18°♌12'06	
inferior conj	-5115 Sep 12 j 18:41	11°♌52'05	0°-41'-36
minimum elong	-5115 Sep 12 j 19:39	11°♌48'50	0°40'59
min. Earth dist.	-5115 Sep 12 j 08:48	12°♌25'51	0.67332 AU
asc. node	-5115 Sep 14 j 19:55	9°♌08'35	
morning rise	-5115 Sep 18 j 04:48	5°♌39'44	
direct	-5115 Sep 22 j 04:37	4°♌09'58	
morning max el	-5115 Sep 30 j 16:03	9°♌10'07	21°06'20
greatest brilliancy	-5115 Oct 06 j 06:07	15°♌43'01	-0.5m
	-5115 Oct 16 j 11:31	0°♍	
desc. node	-5115 Oct 28 j 02:14	17°♍32'18	
morning set	-5115 Oct 30 j 14:46	21°♍27'52	
	-5115 Nov 05 j 00:04	0°♎	
max. Earth dist.	-5115 Nov 08 j 00:31	4°♎53'04	1.42601 AU
superior conj	-5115 Nov 14 j 23:20	16°♎27'11	-1°-36'-57
minimum elong	-5115 Nov 14 j 18:12	16°♎05'27	1°36'38
	-5115 Nov 22 j 18:20	0°♏	
evening rise	-5115 Nov 26 j 14:04	6°♏49'29	
	-5115 Dec 10 j 12:42	0°♐	
asc. node	-5115 Dec 11 j 18:31	1°♐32'58	
evening max el	-5115 Dec 13 j 08:22	3°♐16'21	18°07'51
retrograde	-5115 Dec 20 j 01:14	6°♐45'19	
evening set	-5115 Dec 22 j 16:20	6°♐13'04	
inferior conj	-5115 Dec 29 j 08:26	1°♐07'49	4°01'55
minimum elong	-5115 Dec 29 j 06:50	1°♐11'46	4°01'33
	-5115 Dec 30 j 11:57	30°℞♏	
min. Earth dist.	-5114 Jan 01 j 06:58	28°♏15'59	0.61711 AU
morning rise	-5114 Jan 04 j 19:04	25°♏21'13	
direct	-5114 Jan 11 j 19:43	22°♏52'49	
desc. node	-5114 Jan 24 j 02:13	28°♏56'23	
	-5114 Jan 25 j 05:51	0°♐	
morning max el	-5114 Jan 25 j 19:48	0°♐33'37	27°37'56
	-5114 Feb 16 j 05:50	0°♑	
morning set	-5114 Feb 27 j 13:48	21°♑19'09	
	-5114 Mar 03 j 17:20	0°♒	
max. Earth dist.	-5114 Mar 05 j 14:53	4°♒04'52	1.32797 AU
superior conj	-5114 Mar 06 j 21:54	6°♒53'03	0°-28'-53
minimum elong	-5114 Mar 06 j 23:10	6°♒59'59	0°28'53
asc. node	-5114 Mar 09 j 17:42	13°♒01'57	
evening rise	-5114 Mar 13 j 22:56	22°♒04'53	
	-5114 Mar 17 j 19:46	0°♓	
	-5114 Apr 06 j 01:56	0°♈	
evening max el	-5114 Apr 08 j 14:03	2°♈34'12	24°41'05
desc. node	-5114 Apr 22 j 00:52	9°♈37'25	
retrograde	-5114 Apr 22 j 13:19	9°♈38'02	
evening set	-5114 Apr 27 j 07:25	8°♈46'37	
min. Earth dist.	-5114 May 03 j 02:14	5°♈48'09	0.57069 AU
inferior conj	-5114 May 05 j 22:21	3°♈57'03	-3°-19'00
minimum elong	-5114 May 05 j 17:06	4°♈05'40	3°17'56
	-5114 May 13 j 12:49	30°℞♓	
morning rise	-5114 May 14 j 07:01	29°♓48'20	
direct	-5114 May 16 j 17:15	29°♓31'45	
	-5114 May 19 j 19:02	0°♈	
morning max el	-5114 May 25 j 21:15	3°♈47'56	19°20'00
asc. node	-5114 Jun 05 j 17:35	19°♈03'57	
	-5114 Jun 11 j 11:19	0°♉	
morning set	-5114 Jun 11 j 22:44	0°♉56'34	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5114 Jun 20 j 06:11	17°♉26'48	1°45'12
minimum elong	-5114 Jun 20 j 04:27	17°♉18'19	1°45'19
max. Earth dist.	-5114 Jun 26 j 10:08	29°♉08'01	1.37900 AU
	-5114 Jun 26 j 21:27	0°♊	
evening rise	-5114 Jun 30 j 08:07	6°♊11'27	
	-5114 Jul 14 j 21:43	0°♋	
desc. node	-5114 Jul 18 j 23:21	6°♋00'21	
evening max el	-5114 Aug 05 j 03:15	27°♋31'16	25°00'28
	-5114 Aug 07 j 19:48	0°♌	
retrograde	-5114 Aug 16 j 20:08	4°♌20'53	
evening set	-5114 Aug 22 j 13:58	1°♌53'43	
	-5114 Aug 24 j 11:23	30°℞♋	
min. Earth dist.	-5114 Aug 27 j 02:50	26°♋43'24	0.66997 AU
inferior conj	-5114 Aug 27 j 23:34	25°♋34'48	-1°-33'-27
minimum elong	-5114 Aug 28 j 01:41	25°♋27'50	1°32'23
asc. node	-5114 Sep 01 j 17:02	20°♋09'28	
morning rise	-5114 Sep 02 j 13:48	19°♋30'01	
direct	-5114 Sep 06 j 02:14	18°♋18'22	
morning max el	-5114 Sep 13 j 16:23	22°♋42'33	19°56'59
	-5114 Sep 19 j 16:36	0°♌	
greatest brilliancy	-5114 Sep 21 j 07:22	2°♌13'32	-0.6m
morning set	-5114 Oct 09 j 13:42	29°♌43'19	
	-5114 Oct 09 j 18:00	0°♍	
desc. node	-5114 Oct 14 j 23:06	8°♍07'33	
max. Earth dist.	-5114 Oct 21 j 11:47	18°♍26'25	1.43967 AU
superior conj	-5114 Oct 26 j 05:11	26°♍02'13	-1°-7'-1
minimum elong	-5114 Oct 25 j 22:39	25°♍35'46	1°06'15
	-5114 Oct 28 j 15:33	0°♎	
evening rise	-5114 Nov 08 j 17:48	18°♎34'50	
	-5114 Nov 15 j 10:52	0°♏	
evening max el	-5114 Nov 26 j 21:05	16°♏33'35	18°16'31
asc. node	-5114 Nov 28 j 15:42	18°♏09'58	
retrograde	-5114 Dec 03 j 10:37	20°♏06'58	
evening set	-5114 Dec 06 j 05:12	19°♏26'36	
inferior conj	-5114 Dec 12 j 11:25	14°♏01'25	3°40'02
minimum elong	-5114 Dec 12 j 08:28	14°♏09'30	3°39'19
min. Earth dist.	-5114 Dec 14 j 20:20	11°♏25'39	0.63478 AU
morning rise	-5114 Dec 18 j 10:07	8°♏02'58	
direct	-5114 Dec 25 j 10:41	5°♏16'33	
morning max el	-5113 Jan 08 j 03:10	12°♏58'58	27°35'47
desc. node	-5113 Jan 10 j 23:14	15°♏57'00	
	-5113 Jan 21 j 21:03	0°♐	
	-5113 Feb 08 j 16:18	0°♑	
morning set	-5113 Feb 11 j 13:00	5°♑36'05	
max. Earth dist.	-5113 Feb 16 j 20:46	16°♑32'34	1.33346 AU
superior conj	-5113 Feb 19 j 06:11	21°♑37'52	0°-52'-49
minimum elong	-5113 Feb 19 j 08:24	21°♑49'46	0°52'42
	-5113 Feb 23 j 03:35	0°♒	
asc. node	-5113 Feb 24 j 14:43	3°♒08'06	
evening rise	-5113 Feb 26 j 10:27	6°♒59'33	
	-5113 Mar 10 j 18:28	0°♓	
evening max el	-5113 Mar 21 j 06:28	13°♓18'57	23°07'57
retrograde	-5113 Apr 03 j 15:27	19°♓53'46	
evening set	-5113 Apr 07 j 03:02	19°♓27'12	
desc. node	-5113 Apr 08 j 22:04	18°♓54'11	
min. Earth dist.	-5113 Apr 14 j 17:19	16°♓02'17	0.55732 AU
inferior conj	-5113 Apr 16 j 07:51	15°♓05'50	-1°-57'-28
minimum elong	-5113 Apr 16 j 03:05	15°♓12'51	1°56'07
morning rise	-5113 Apr 25 j 06:05	11°♓07'24	
direct	-5113 Apr 27 j 17:18	10°♓52'40	
morning max el	-5113 May 08 j 12:29	15°♓55'06	20°27'36
	-5113 May 19 j 00:10	0°♈	
asc. node	-5113 May 23 j 14:33	8°♈26'35	
morning set	-5113 May 27 j 03:39	15°♈30'43	
	-5113 Jun 03 j 05:01	0°♉	

superior conj	-5113 Jun 03 j 21:51	1°♉25'30	1°33'40
minimum elong	-5113 Jun 03 j 19:14	1°♉12'15	1°33'33
max. Earth dist.	-5113 Jun 08 j 16:04	10°♉52'46	1.36167 AU
evening rise	-5113 Jun 12 j 20:46	18°♉50'09	
	-5113 Jun 19 j 03:08	0°♊	
desc. node	-5113 Jul 05 j 20:28	25°♊48'04	
	-5113 Jul 09 j 00:07	0°♋	
evening max el	-5113 Jul 18 j 13:57	11°♋01'18	26°09'05
retrograde	-5113 Jul 31 j 03:48	18°♋12'38	
evening set	-5113 Aug 06 j 11:59	15°♋31'26	
min. Earth dist.	-5113 Aug 10 j 16:24	10°♋59'25	0.66328 AU
inferior conj	-5113 Aug 12 j 01:06	9°♋16'57	-2°-22'-18
minimum elong	-5113 Aug 12 j 04:08	9°♋07'27	2°21'01
morning rise	-5113 Aug 17 j 21:02	3°♋22'58	
asc. node	-5113 Aug 19 j 14:07	2°♋37'55	
direct	-5113 Aug 21 j 00:25	2°♋26'12	
morning max el	-5113 Aug 27 j 23:20	6°♋22'23	19°01'54
	-5113 Sep 13 j 13:49	0°♌	
morning set	-5113 Sep 19 j 01:58	8°♌42'01	
desc. node	-5113 Oct 01 j 20:01	28°♌48'46	
	-5113 Oct 02 j 14:06	0°♍	
max. Earth dist.	-5113 Oct 04 j 03:54	2°♍29'05	1.44695 AU
superior conj	-5113 Oct 05 j 11:28	4°♍33'44	0°-22'-46
minimum elong	-5113 Oct 05 j 08:33	4°♍22'12	0°22'16
evening rise	-5113 Oct 20 j 22:43	29°♍19'33	
	-5113 Oct 21 j 08:40	0°♎	
	-5113 Nov 10 j 09:59	0°♏	
evening max el	-5113 Nov 10 j 09:11	29°♎57'56	18°43'18
asc. node	-5113 Nov 15 j 12:51	3°♏31'08	
retrograde	-5113 Nov 17 j 02:54	3°♏45'02	
evening set	-5113 Nov 20 j 02:42	2°♏54'28	
	-5113 Nov 23 j 14:31	30°℞♎	
inferior conj	-5113 Nov 26 j 01:03	27°♎11'53	3°05'21
minimum elong	-5113 Nov 25 j 21:46	27°♎21'43	3°04'22
min. Earth dist.	-5113 Nov 27 j 19:29	25°♎04'30	0.64931 AU
morning rise	-5113 Dec 01 j 15:42	21°♎04'34	
direct	-5113 Dec 08 j 08:25	18°♎15'15	
morning max el	-5113 Dec 21 j 12:37	25°♎51'04	27°00'40
	-5113 Dec 25 j 09:30	0°♏	
desc. node	-5113 Dec 28 j 20:13	4°♏08'31	
	-5112 Jan 15 j 09:05	0°♐	
morning set	-5112 Jan 26 j 02:29	19°♐19'03	
max. Earth dist.	-5112 Jan 30 j 17:07	28°♐26'39	1.34319 AU
	-5112 Jan 31 j 11:27	0°♑	
superior conj	-5112 Feb 03 j 09:53	6°♑04'24	-1°-14'-52
minimum elong	-5112 Feb 03 j 12:44	6°♑19'18	1°14'43
evening rise	-5112 Feb 10 j 20:35	21°♑44'45	
asc. node	-5112 Feb 11 j 11:46	23°♑03'25	
	-5112 Feb 14 j 22:27	0°♒	
evening max el	-5112 Mar 02 j 03:43	24°♒13'55	21°36'27
	-5112 Mar 13 j 04:41	0°♓	
retrograde	-5112 Mar 14 j 06:47	0°♓02'45	
	-5112 Mar 15 j 09:08	30°℞♒	
evening set	-5112 Mar 16 j 22:31	29°♒46'54	
desc. node	-5112 Mar 25 j 19:15	25°♒59'16	
inferior conj	-5112 Mar 26 j 04:55	25°♒45'39	0°-6'-38
minimum elong	-5112 Mar 26 j 04:36	25°♒46'06	0°06'42
transit middle	-5112 Mar 26 j 04:36	25°♒46'06	0°06'42
transit begin	-5112 Mar 26 j 00:53	25°♒51'21	
transit end	-5112 Mar 26 j 08:19	25°♒40'52	
min. Earth dist.	-5112 Mar 26 j 07:40	25°♒41'48	0.55212 AU
morning rise	-5112 Apr 04 j 10:51	21°♒42'27	
direct	-5112 Apr 07 j 06:50	21°♒24'41	
morning max el	-5112 Apr 19 j 16:40	27°♒20'12	21°52'57
	-5112 Apr 22 j 06:44	0°♓	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5112 May 09 j 11:31	28°♓10'26	
	-5112 May 10 j 08:50	0°♈	
morning set	-5112 May 10 j 12:56	0°♈21'11	
superior conj	-5112 May 17 j 22:10	15°♈52'19	1°17'01
minimum elong	-5112 May 17 j 19:27	15°♈38'08	1°16'41
max. Earth dist.	-5112 May 21 j 07:28	22°♈52'21	1.34762 AU
	-5112 May 24 j 21:05	0°♉	
evening rise	-5112 May 26 j 02:01	2°♉20'32	
	-5112 Jun 11 j 01:10	0°♊	
desc. node	-5112 Jun 21 j 17:35	15°♊02'57	
evening max el	-5112 Jun 30 j 01:19	24°♊26'27	26°59'20
	-5112 Jul 07 j 04:20	0°♋	
retrograde	-5112 Jul 13 j 06:09	1°♋48'26	
	-5112 Jul 18 j 18:39	30°℞♊	
evening set	-5112 Jul 20 j 02:10	29°♊01'18	
min. Earth dist.	-5112 Jul 23 j 23:05	25°♊08'04	0.65293 AU
inferior conj	-5112 Jul 25 j 21:08	22°♊54'20	-3°-6'-7
minimum elong	-5112 Jul 26 j 00:40	22°♊44'05	3°04'55
morning rise	-5112 Aug 01 j 00:20	17°♊14'33	
direct	-5112 Aug 03 j 20:59	16°♊29'34	
asc. node	-5112 Aug 05 j 11:11	16°♊43'21	
morning max el	-5112 Aug 10 j 11:09	20°♊06'01	18°22'59
	-5112 Aug 17 j 23:12	0°♋	
morning set	-5112 Aug 29 j 16:05	18°♋56'00	
	-5112 Sep 05 j 10:51	0°♌	
superior conj	-5112 Sep 13 j 11:26	12°♌51'07	0°26'23
minimum elong	-5112 Sep 13 j 14:43	13°♌04'10	0°26'11
max. Earth dist.	-5112 Sep 15 j 21:56	16°♌42'43	1.44699 AU
desc. node	-5112 Sep 17 j 16:56	19°♌32'21	
	-5112 Sep 24 j 08:45	0°♍	
evening rise	-5112 Sep 30 j 02:15	8°♍58'37	
	-5112 Oct 13 j 15:50	0°♎	
greatest brilliancy	-5112 Oct 14 j 10:31	1°♎09'43	-0.7m
evening max el	-5112 Oct 23 j 18:05	13°♎24'53	19°26'55
retrograde	-5112 Oct 30 j 22:52	17°♎34'25	
asc. node	-5112 Nov 01 j 10:00	17°♎22'01	
evening set	-5112 Nov 03 j 06:01	16°♎31'02	
inferior conj	-5112 Nov 08 j 22:17	10°♎34'06	2°22'17
minimum elong	-5112 Nov 08 j 19:24	10°♎43'24	2°21'16
min. Earth dist.	-5112 Nov 10 j 03:15	9°♎00'57	0.66026 AU
morning rise	-5112 Nov 14 j 08:00	4°♎20'28	
direct	-5112 Nov 20 j 11:54	1°♎40'26	
morning max el	-5112 Dec 02 j 22:05	8°♎58'30	25°59'37
desc. node	-5112 Dec 14 j 17:12	23°♎10'04	
	-5112 Dec 19 j 13:12	0°♏	
	-5111 Jan 06 j 20:31	0°♐	
morning set	-5111 Jan 08 j 02:03	2°♐15'25	
max. Earth dist.	-5111 Jan 12 j 02:08	9°♐49'19	1.35739 AU
superior conj	-5111 Jan 17 j 06:30	20°♐04'57	-1°-33'-34
minimum elong	-5111 Jan 17 j 09:25	20°♐19'41	1°33'32
	-5111 Jan 22 j 02:37	0°♑	
evening rise	-5111 Jan 25 j 03:29	6°♑14'35	
asc. node	-5111 Jan 28 j 08:50	12°♑42'48	
	-5111 Feb 07 j 13:04	0°♒	
evening max el	-5111 Feb 12 j 10:06	5°♒38'04	20°16'58
retrograde	-5111 Feb 22 j 21:42	10°♒35'55	
evening set	-5111 Feb 25 j 06:45	10°♒21'43	
inferior conj	-5111 Mar 06 j 02:44	6°♒22'51	1°44'58
minimum elong	-5111 Mar 06 j 06:58	6°♒16'32	1°43'24
min. Earth dist.	-5111 Mar 07 j 21:43	5°♒19'00	0.55617 AU
desc. node	-5111 Mar 12 j 16:24	2°♒50'26	
morning rise	-5111 Mar 15 j 04:47	1°♒58'30	
direct	-5111 Mar 18 j 21:46	1°♒28'26	
morning max el	-5111 Apr 01 j 11:42	8°♒10'29	23°29'54
	-5111 Apr 17 j 04:31	0°♓	
morning set	-5111 Apr 25 j 00:37	15°♓21'42	
asc. node	-5111 Apr 26 j 08:30	18°♓09'31	
	-5111 May 01 j 21:08	0°♈	
superior conj	-5111 May 02 j 04:20	0°♈38'33	0°56'46
minimum elong	-5111 May 02 j 02:04	0°♈26'27	0°56'21
max. Earth dist.	-5111 May 04 j 08:49	5°♈17'47	1.33718 AU
evening rise	-5111 May 09 j 19:12	16°♈28'29	
	-5111 May 16 j 22:18	0°♉	
	-5111 Jun 05 j 15:06	0°♊	
desc. node	-5111 Jun 08 j 14:43	3°♊31'10	
evening max el	-5111 Jun 12 j 12:03	7°♊35'22	27°23'52
retrograde	-5111 Jun 26 j 02:48	15°♊00'34	
evening set	-5111 Jul 03 j 05:27	12°♊18'55	
min. Earth dist.	-5111 Jul 06 j 20:52	9°♊00'56	0.63875 AU
inferior conj	-5111 Jul 09 j 09:10	6°♊22'13	-3°-42'-2
minimum elong	-5111 Jul 09 j 12:27	6°♊13'33	3°41'10
morning rise	-5111 Jul 15 j 21:13	0°♊59'56	
direct	-5111 Jul 18 j 13:16	0°♊24'04	
asc. node	-5111 Jul 23 j 08:15	2°♊18'07	
morning max el	-5111 Jul 25 j 01:32	3°♊49'34	18°01'27
morning set	-5111 Aug 11 j 08:11	0°♋23'55	
	-5111 Aug 11 j 02:38	0°♋	
superior conj	-5111 Aug 24 j 03:24	21°♋57'47	1°07'55
minimum elong	-5111 Aug 24 j 09:24	22°♋22'22	1°07'31
	-5111 Aug 29 j 02:30	0°♌	
max. Earth dist.	-5111 Aug 29 j 14:30	0°♌48'04	1.43990 AU
desc. node	-5111 Sep 04 j 13:50	10°♌15'07	
evening rise	-5111 Sep 09 j 09:48	17°♌46'15	
	-5111 Sep 17 j 09:34	0°♍	
greatest brilliancy	-5111 Sep 30 j 11:00	19°♍01'09	-0.6m
evening max el	-5111 Oct 06 j 21:43	26°♍50'53	20°25'30
	-5111 Oct 10 j 13:31	0°♎	
retrograde	-5111 Oct 14 j 20:02	1°♎30'51	
evening set	-5111 Oct 18 j 12:43	0°♎11'57	
	-5111 Oct 18 j 19:10	30°℞♍	
asc. node	-5111 Oct 19 j 07:09	29°♍35'42	
inferior conj	-5111 Oct 24 j 00:35	24°♍04'00	1°33'44
minimum elong	-5111 Oct 23 j 22:32	24°♍10'55	1°33'00
min. Earth dist.	-5111 Oct 24 j 17:36	23°♍06'41	0.66780 AU
morning rise	-5111 Oct 29 j 07:51	17°♍46'39	
direct	-5111 Nov 03 j 20:41	15°♍23'36	
morning max el	-5111 Nov 15 j 06:57	22°♍11'45	24°41'26
	-5111 Nov 22 j 03:19	0°♎	
desc. node	-5111 Dec 01 j 14:05	12°♎46'14	
	-5111 Dec 12 j 20:40	0°♏	
morning set	-5111 Dec 21 j 06:06	14°♏08'44	
max. Earth dist.	-5111 Dec 25 j 01:35	20°♏58'35	1.37552 AU
	-5111 Dec 29 j 21:21	0°♐	
superior conj	-5111 Dec 31 j 16:43	3°♐28'58	-1°-46'-59
minimum elong	-5111 Dec 31 j 18:47	3°♐39'04	1°47'09
evening rise	-5110 Jan 09 j 04:55	20°♐21'34	
	-5110 Jan 14 j 04:03	0°♑	
asc. node	-5110 Jan 15 j 05:54	1°♑59'17	
evening max el	-5110 Jan 26 j 02:48	17°♑36'55	19°15'13
retrograde	-5110 Feb 04 j 00:36	21°♑51'31	
evening set	-5110 Feb 06 j 09:55	21°♑34'34	
inferior conj	-5110 Feb 14 j 14:06	17°♑23'36	3°08'34
minimum elong	-5110 Feb 14 j 19:04	17°♑15'11	3°07'12
min. Earth dist.	-5110 Feb 17 j 12:26	15°♑25'26	0.56842 AU
morning rise	-5110 Feb 23 j 00:35	12°♑29'50	
direct	-5110 Feb 27 j 23:15	11°♑33'19	
desc. node	-5110 Feb 27 j 13:33	11°♑33'42	
morning max el	-5110 Mar 14 j 02:43	18°♑46'46	25°06'56

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5110 Mar 23 j 11:32	0°♒	
	-5110 Apr 09 j 08:07	0°♓	
morning set	-5110 Apr 09 j 12:56	0°♓25'15	
asc. node	-5110 Apr 13 j 05:27	8°♓17'57	
superior conj	-5110 Apr 16 j 14:06	15°♓36'03	0°34'08
minimum elong	-5110 Apr 16 j 12:39	15°♓28'10	0°33'45
max. Earth dist.	-5110 Apr 17 j 17:35	18°♓05'04	1.33024 AU
	-5110 Apr 23 j 08:34	0°♈	
evening rise	-5110 Apr 23 j 20:37	1°♈01'49	
	-5110 May 09 j 22:29	0°♉	
evening max el	-5110 May 25 j 19:49	20°♉15'18	27°17'35
desc. node	-5110 May 26 j 11:52	20°♉53'08	
retrograde	-5110 Jun 08 j 17:15	27°♉40'04	
evening set	-5110 Jun 15 j 18:09	25°♉17'58	
min. Earth dist.	-5110 Jun 19 j 08:52	22°♉25'33	0.62098 AU
inferior conj	-5110 Jun 22 j 10:10	19°♉34'10	-4°-5'-45
minimum elong	-5110 Jun 22 j 12:07	19°♉29'34	4°05'23
morning rise	-5110 Jun 29 j 08:40	14°♉32'04	
direct	-5110 Jul 01 j 21:51	14°♉03'19	
morning max el	-5110 Jul 08 j 15:53	17°♉27'26	17°58'15
asc. node	-5110 Jul 10 j 05:17	19°♉07'24	
	-5110 Jul 17 j 14:55	0°♊	
morning set	-5110 Jul 24 j 21:36	12°♊53'10	
	-5110 Aug 03 j 12:42	0°♋	
superior conj	-5110 Aug 04 j 22:34	2°♋26'00	1°35'01
minimum elong	-5110 Aug 05 j 03:04	2°♋45'18	1°34'58
max. Earth dist.	-5110 Aug 12 j 02:16	14°♋25'49	1.42671 AU
evening rise	-5110 Aug 19 j 14:24	26°♋27'53	
	-5110 Aug 21 j 20:45	0°♌	
desc. node	-5110 Aug 22 j 10:46	0°♌54'19	
	-5110 Sep 11 j 07:41	0°♍	
greatest brilliancy	-5110 Sep 14 j 18:38	4°♍29'44	-0.4m
evening max el	-5110 Sep 19 j 19:01	10°♍15'27	21°36'18
retrograde	-5110 Sep 28 j 16:24	15°♍32'08	
evening set	-5110 Oct 02 j 20:48	13°♍55'12	
asc. node	-5110 Oct 06 j 04:18	10°♍26'15	
inferior conj	-5110 Oct 08 j 05:55	7°♍39'48	0°42'01
minimum elong	-5110 Oct 08 j 04:57	7°♍43'08	0°41'44
min. Earth dist.	-5110 Oct 08 j 12:13	7°♍18'06	0.67225 AU
morning rise	-5110 Oct 13 j 12:50	1°♍21'42	
	-5110 Oct 15 j 13:43	30°℞♌	
direct	-5110 Oct 18 j 10:22	29°♌19'11	
	-5110 Oct 21 j 12:03	0°♍	
morning max el	-5110 Oct 28 j 16:43	5°♍27'25	23°15'42
greatest brilliancy	-5110 Nov 03 j 00:36	11°♍28'39	-0.3m
	-5110 Nov 16 j 13:53	0°♎	
desc. node	-5110 Nov 18 j 10:58	2°♎47'09	
morning set	-5110 Dec 02 j 08:40	24°♎44'16	
	-5110 Dec 05 j 11:24	0°♏	
max. Earth dist.	-5110 Dec 06 j 21:33	2°♏27'05	1.39589 AU
superior conj	-5110 Dec 14 j 12:16	16°♏05'21	-1°-52'-30
minimum elong	-5110 Dec 14 j 12:18	16°♏05'29	1°52'43
	-5110 Dec 21 j 20:36	0°♐	
evening rise	-5110 Dec 23 j 22:18	3°♐59'13	
asc. node	-5109 Jan 02 j 02:58	20°♐45'20	
evening max el	-5109 Jan 09 j 04:35	0°♑07'48	18°33'20
	-5109 Jan 09 j 01:23	0°♑	
retrograde	-5109 Jan 16 j 21:24	3°♑53'10	
evening set	-5109 Jan 19 j 08:49	3°♑31'12	
	-5109 Jan 25 j 14:39	30°℞♐	
inferior conj	-5109 Jan 26 j 21:17	29°♐00'47	3°53'59
minimum elong	-5109 Jan 26 j 23:52	28°♐55'41	3°53'27
min. Earth dist.	-5109 Jan 30 j 05:55	26°♐23'39	0.58617 AU
morning rise	-5109 Feb 03 j 11:25	23°♐41'23	
direct	-5109 Feb 09 j 13:59	22°♐06'51	
desc. node	-5109 Feb 14 j 10:40	23°♐04'51	
morning max el	-5109 Feb 23 j 19:46	29°♐37'00	26°28'54
	-5109 Feb 24 j 05:11	0°♑	
	-5109 Mar 17 j 04:05	0°♒	
morning set	-5109 Mar 25 j 00:10	15°♒25'22	
asc. node	-5109 Mar 31 j 02:24	28°♒31'15	
	-5109 Mar 31 j 18:38	0°♓	
superior conj	-5109 Apr 01 j 01:38	0°♓38'16	0°10'02
minimum elong	-5109 Apr 01 j 01:12	0°♓35'53	0°09'47
behind sun begin	-5109 Mar 31 j 21:15	0°♓14'18	
behind sun end	-5109 Apr 01 j 05:08	0°♓57'28	
max. Earth dist.	-5109 Apr 01 j 06:21	1°♓04'03	1.32669 AU
evening rise	-5109 Apr 08 j 03:32	15°♓51'06	
	-5109 Apr 15 j 07:57	0°♈	
	-5109 May 05 j 16:27	0°♉	
evening max el	-5109 May 07 j 22:27	2°♉16'40	26°38'34
desc. node	-5109 May 13 j 09:04	6°♉40'54	
retrograde	-5109 May 22 j 00:14	9°♉37'56	
evening set	-5109 May 28 j 12:11	7°♉48'34	
min. Earth dist.	-5109 Jun 01 j 11:48	5°♉06'16	0.60091 AU
inferior conj	-5109 Jun 04 j 20:34	2°♉21'18	-4°-10'-48
minimum elong	-5109 Jun 04 j 19:56	2°♉22'37	4°10'40
	-5109 Jun 07 j 21:15	30°℞♈	
morning rise	-5109 Jun 12 j 07:10	27°♈40'49	
direct	-5109 Jun 14 j 18:43	27°♈17'39	
	-5109 Jun 21 j 04:20	0°♉	
morning max el	-5109 Jun 22 j 03:18	0°♉51'32	18°14'12
asc. node	-5109 Jun 27 j 02:17	6°♉55'10	
morning set	-5109 Jul 08 j 03:02	26°♉10'10	
	-5109 Jul 10 j 03:49	0°♊	
superior conj	-5109 Jul 17 j 19:49	14°♊12'14	1°47'42
minimum elong	-5109 Jul 17 j 21:25	14°♊19'30	1°47'55
max. Earth dist.	-5109 Jul 25 j 07:58	27°♊22'25	1.40929 AU
	-5109 Jul 26 j 21:16	0°♋	
evening rise	-5109 Jul 30 j 11:52	5°♋58'18	
desc. node	-5109 Aug 09 j 07:45	21°♋26'05	
	-5109 Aug 15 j 02:04	0°♌	
greatest brilliancy	-5109 Aug 28 j 09:46	18°♌01'39	-0.3m
evening max el	-5109 Sep 02 j 10:29	23°♌39'43	22°55'09
retrograde	-5109 Sep 12 j 10:22	29°♌35'20	
evening set	-5109 Sep 17 j 04:26	27°♌38'41	
inferior conj	-5109 Sep 22 j 12:25	21°♌19'26	0°-11'-4
minimum elong	-5109 Sep 22 j 12:40	21°♌18'34	0°10'47
transit middle	-5109 Sep 22 j 12:40	21°♌18'34	0°10'47
transit begin	-5109 Sep 22 j 10:39	21°♌25'34	
transit end	-5109 Sep 22 j 14:42	21°♌11'33	
min. Earth dist.	-5109 Sep 22 j 08:33	21°♌32'48	0.67378 AU
asc. node	-5109 Sep 23 j 01:27	20°♌34'35	
morning rise	-5109 Sep 27 j 20:52	15°♌03'50	
direct	-5109 Oct 02 j 04:10	13°♌22'21	
morning max el	-5109 Oct 11 j 06:16	18°♌46'40	21°51'18
greatest brilliancy	-5109 Oct 16 j 04:56	24°♌26'06	-0.4m
	-5109 Oct 20 j 11:22	0°♍	
desc. node	-5109 Nov 05 j 07:49	23°♍05'11	
	-5109 Nov 09 j 18:46	0°♎	
morning set	-5109 Nov 12 j 06:43	3°♎57'05	
max. Earth dist.	-5109 Nov 18 j 21:26	14°♎42'33	1.41586 AU
superior conj	-5109 Nov 26 j 11:46	27°♎40'12	-1°-46'-46
minimum elong	-5109 Nov 26 j 08:35	27°♎26'14	1°46'44
	-5109 Nov 27 j 19:33	0°♏	
evening rise	-5109 Dec 07 j 04:20	16°♏59'45	
	-5109 Dec 14 j 08:57	0°♐	
asc. node	-5109 Dec 20 j 00:05	8°♐51'14	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening max el	-5109 Dec 23 j 12:55	13°♐02'56	18°11'35	
retrograde	-5109 Dec 30 j 11:29	16°♐33'52		
evening set	-5108 Jan 02 j 01:14	16°♐05'35		
inferior conj	-5108 Jan 09 j 00:04	11°♐13'07	4°06'17	
minimum elong	-5108 Jan 08 j 23:45	11°♐13'50	4°06'01	
min. Earth dist.	-5108 Jan 12 j 04:54	8°♐20'00	0.60596 AU	
morning rise	-5108 Jan 15 j 19:34	5°♐35'14		
direct	-5108 Jan 22 j 15:49	3°♐23'23		
desc. node	-5108 Feb 01 j 07:46	7°♐12'01		
morning max el	-5108 Feb 05 j 18:29	11°♐01'20	27°22'46	
	-5108 Feb 20 j 15:12	0°♑		
morning set	-5108 Mar 08 j 08:32	0°♒15'34		
	-5108 Mar 08 j 05:31	0°♒		
max. Earth dist.	-5108 Mar 14 j 19:36	14°♒02'48	1.32648 AU	
superior conj	-5108 Mar 15 j 13:16	15°♒39'11	0°-14'-41	
minimum elong	-5108 Mar 15 j 13:55	15°♒42'47	0°14'47	
behind sun begin	-5108 Mar 15 j 12:09	15°♒33'06		
behind sun end	-5108 Mar 15 j 15:42	15°♒52'29		
asc. node	-5108 Mar 16 j 23:22	18°♒45'32		
	-5108 Mar 22 j 04:28	0°♓		
evening rise	-5108 Mar 22 j 13:44	0°♓48'46		
	-5108 Apr 07 j 16:50	0°♈		
evening max el	-5108 Apr 18 j 19:14	13°♈38'27	25°30'14	
desc. node	-5108 Apr 29 j 06:18	20°♈19'37		
retrograde	-5108 May 02 j 21:25	20°♈50'47		
evening set	-5108 May 08 j 09:01	19°♈39'45		
min. Earth dist.	-5108 May 13 j 07:51	16°♈51'07	0.58095 AU	
inferior conj	-5108 May 16 j 12:56	14°♈34'55	-3°-48'-17	
minimum elong	-5108 May 16 j 09:03	14°♈41'49	3°47'42	
morning rise	-5108 May 24 j 13:11	10°♈15'19		
direct	-5108 May 26 j 23:48	9°♈56'35		
morning max el	-5108 Jun 04 j 08:56	13°♈53'16	18°50'04	
asc. node	-5108 Jun 12 j 23:16	25°♈28'22		
	-5108 Jun 15 j 13:01	0°♉		
morning set	-5108 Jun 20 j 20:11	10°♉04'28		
superior conj	-5108 Jun 29 j 13:44	27°♉02'05	1°48'43	
minimum elong	-5108 Jun 29 j 12:56	26°♉58'16	1°48'56	
	-5108 Jul 01 j 03:26	0°♊		
max. Earth dist.	-5108 Jul 06 j 09:57	9°♊38'48	1.39004 AU	
evening rise	-5108 Jul 10 j 11:35	16°♊45'40		
	-5108 Jul 18 j 12:15	0°♋		
desc. node	-5108 Jul 26 j 04:48	11°♋46'02		
	-5108 Aug 08 j 14:00	0°♌		
evening max el	-5108 Aug 14 j 22:18	7°♌06'41	24°15'57	
retrograde	-5108 Aug 26 j 00:49	13°♌38'01		
evening set	-5108 Aug 31 j 09:53	11°♌21'32		
min. Earth dist.	-5108 Sep 05 j 04:07	5°♌50'05	0.67235 AU	
inferior conj	-5108 Sep 05 j 18:25	5°♌01'45	-1°-3'-50	
minimum elong	-5108 Sep 05 j 19:53	4°♌56'49	1°03'00	
asc. node	-5108 Sep 08 j 22:36	1°♌00'47		
	-5108 Sep 09 j 22:00	30°℞♋		
morning rise	-5108 Sep 11 j 06:05	28°♋52'04		
direct	-5108 Sep 15 j 00:53	27°♋30'10		
	-5108 Sep 20 j 16:18	0°♌		
morning max el	-5108 Sep 23 j 02:22	2°♌13'49	20°35'09	
greatest brilliancy	-5108 Sep 29 j 09:47	9°♌48'27	-0.5m	
	-5108 Oct 13 j 08:17	0°♍		
morning set	-5108 Oct 21 j 08:15	12°♍15'56		
desc. node	-5108 Oct 22 j 04:41	13°♍35'24		
max. Earth dist.	-5108 Oct 31 j 05:06	27°♍52'21	1.43256 AU	
	-5108 Nov 01 j 12:39	0°♎		
superior conj	-5108 Nov 06 j 09:42	8°♎00'40	-1°-26'-15	
minimum elong	-5108 Nov 06 j 03:31	7°♎34'59	1°25'43	
evening rise	-5108 Nov 18 j 18:59	29°♎15'15		

	-5108 Nov 19 j 05:10	0°♏		
asc. node	-5108 Dec 05 j 21:14	26°♏04'51		
evening max el	-5108 Dec 06 j 00:53	26°♏14'07	18°09'20	
retrograde	-5108 Dec 12 j 15:08	29°♏43'23		
evening set	-5108 Dec 15 j 07:41	29°♏07'43		
inferior conj	-5108 Dec 21 j 19:17	23°♏53'39	3°54'33	
minimum elong	-5108 Dec 21 j 16:58	23°♏59'38	3°54'02	
min. Earth dist.	-5108 Dec 24 j 12:16	21°♏06'56	0.62496 AU	
morning rise	-5108 Dec 28 j 00:20	18°♏01'57		
direct	-5107 Jan 04 j 02:16	15°♏24'06		
morning max el	-5107 Jan 17 j 23:12	23°♏05'30	27°41'29	
desc. node	-5107 Jan 18 j 04:48	23°♏19'16		
	-5107 Jan 24 j 04:21	0°♐		
	-5107 Feb 12 j 18:56	0°♑		
morning set	-5107 Feb 20 j 11:47	14°♑47'00		
max. Earth dist.	-5107 Feb 26 j 05:24	26°♑46'09	1.32981 AU	
superior conj	-5107 Feb 27 j 23:15	0°♒31'33	0°-39'-11	
minimum elong	-5107 Feb 28 j 00:57	0°♒40'46	0°39'07	
	-5107 Feb 27 j 17:25	0°♒		
asc. node	-5107 Mar 03 j 20:22	8°♒55'55		
evening rise	-5107 Mar 07 j 01:16	15°♒46'30		
	-5107 Mar 14 j 05:10	0°♓		
evening max el	-5107 Mar 31 j 11:48	24°♓29'54	24°02'10	
	-5107 Apr 08 j 05:13	0°♈		
retrograde	-5107 Apr 14 j 06:20	1°♈22'52		
desc. node	-5107 Apr 16 j 03:32	1°♈14'51		
evening set	-5107 Apr 18 j 11:06	0°♈43'46		
	-5107 Apr 20 j 10:48	30°℞♓		
min. Earth dist.	-5107 Apr 24 j 23:39	27°♓35'42	0.56424 AU	
inferior conj	-5107 Apr 27 j 09:09	26°♓06'48	-2°-49'-9	
minimum elong	-5107 Apr 27 j 03:34	26°♓15'29	2°47'47	
morning rise	-5107 May 05 j 23:53	22°♓03'49		
direct	-5107 May 08 j 10:19	21°♓48'13		
morning max el	-5107 May 18 j 05:58	26°♓22'14	19°46'18	
	-5107 May 21 j 14:22	0°♈		
asc. node	-5107 May 30 j 20:14	14°♈35'23		
morning set	-5107 Jun 04 j 21:34	24°♈26'14		
	-5107 Jun 07 j 15:39	0°♉		
superior conj	-5107 Jun 12 j 22:44	10°♉39'18	1°41'03	
minimum elong	-5107 Jun 12 j 20:31	10°♉28'17	1°41'04	
max. Earth dist.	-5107 Jun 18 j 12:54	21°♉28'26	1.37138 AU	
evening rise	-5107 Jun 22 j 12:08	28°♉47'01		
	-5107 Jun 23 j 04:23	0°♊		
	-5107 Jul 11 j 19:39	0°♋		
desc. node	-5107 Jul 13 j 01:54	1°♋47'49		
evening max el	-5107 Jul 28 j 08:50	20°♋36'15	25°31'20	
retrograde	-5107 Aug 09 j 11:00	27°♋35'42		
evening set	-5107 Aug 15 j 11:15	25°♋01'47		
min. Earth dist.	-5107 Aug 19 j 20:27	20°♋07'45	0.66764 AU	
inferior conj	-5107 Aug 20 j 22:07	18°♋44'39	-1°-54'-39	
minimum elong	-5107 Aug 21 j 00:40	18°♋36'26	1°53'27	
morning rise	-5107 Aug 26 j 14:36	12°♋44'13		
asc. node	-5107 Aug 26 j 19:42	12°♋36'14		
direct	-5107 Aug 29 j 22:59	11°♋39'13		
morning max el	-5107 Sep 06 j 05:41	15°♋49'57	19°31'40	
greatest brilliancy	-5107 Sep 15 j 07:38	27°♋34'52	-0.7m	
	-5107 Sep 16 j 22:58	0°♌		
morning set	-5107 Sep 30 j 10:30	20°♌44'04		
	-5107 Oct 06 j 08:51	0°♍		
desc. node	-5107 Oct 09 j 01:34	4°♍13'52		
max. Earth dist.	-5107 Oct 13 j 19:25	11°♍43'06	1.44366 AU	
superior conj	-5107 Oct 17 j 04:18	17°♍05'05	0°-49'-36	
minimum elong	-5107 Oct 16 j 22:39	16°♍42'28	0°48'51	
	-5107 Oct 25 j 03:48	0°♎		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening rise	-5107 Oct 31 j 13:36	10°♎36'40	
	-5107 Nov 12 j 08:48	0°♏	
evening max el	-5107 Nov 19 j 13:38	9°♏35'08	18°25'44
asc. node	-5107 Nov 22 j 18:23	12°♏11'54	
retrograde	-5107 Nov 26 j 04:02	13°♏13'22	
evening set	-5107 Nov 29 j 00:38	12°♏28'50	
inferior conj	-5107 Dec 05 j 03:13	6°♏55'33	3°26'35
minimum elong	-5107 Dec 05 j 00:02	7°♏04'42	3°25'44
min. Earth dist.	-5107 Dec 07 j 05:48	4°♏31'07	0.64135 AU
morning rise	-5107 Dec 10 j 22:04	0°♏53'02	
	-5107 Dec 12 j 02:16	30°℞♎	
direct	-5107 Dec 17 j 19:56	28°♎04'01	
	-5107 Dec 24 j 03:16	0°♏	
morning max el	-5107 Dec 31 j 07:56	5°♏44'23	27°24'41
desc. node	-5106 Jan 05 j 01:46	10°♏53'16	
	-5106 Jan 18 j 22:25	0°♐	
morning set	-5106 Feb 04 j 07:17	28°♐50'54	
	-5106 Feb 04 j 21:17	0°♑	
max. Earth dist.	-5106 Feb 09 j 07:53	9°♑01'36	1.33707 AU
superior conj	-5106 Feb 12 j 05:49	15°♑09'15	-1°-2'-28
minimum elong	-5106 Feb 12 j 08:22	15°♑22'44	1°02'20
asc. node	-5106 Feb 18 j 17:23	28°♑58'07	
	-5106 Feb 19 j 05:10	0°♒	
evening rise	-5106 Feb 19 j 12:25	0°♒38'01	
	-5106 Mar 08 j 11:36	0°♓	
evening max el	-5106 Mar 13 j 05:20	5°♓14'59	22°28'03
retrograde	-5106 Mar 26 j 03:12	11°♓32'17	
evening set	-5106 Mar 29 j 04:51	11°♓11'34	
desc. node	-5106 Apr 03 j 00:43	9°♓25'53	
min. Earth dist.	-5106 Apr 06 j 13:57	7°♓31'36	0.55402 AU
inferior conj	-5106 Apr 07 j 11:58	7°♓00'13	-1°-12'-41
minimum elong	-5106 Apr 07 j 08:44	7°♓04'50	1°11'45
morning rise	-5106 Apr 16 j 14:39	3°♓02'23	
direct	-5106 Apr 19 j 04:17	2°♓47'12	
morning max el	-5106 Apr 30 j 16:29	8°♓11'25	21°02'01
	-5106 May 15 j 14:24	0°♈	
asc. node	-5106 May 17 j 17:12	4°♈07'50	
morning set	-5106 May 20 j 04:34	9°♈08'09	
superior conj	-5106 May 27 j 18:28	24°♈51'17	1°27'08
minimum elong	-5106 May 27 j 15:44	24°♈37'13	1°26'54
	-5106 May 30 j 07:06	0°♉	
max. Earth dist.	-5106 May 31 j 22:31	3°♉16'58	1.35526 AU
evening rise	-5106 Jun 05 j 08:25	11°♉49'11	
	-5106 Jun 15 j 15:21	0°♊	
desc. node	-5106 Jun 29 j 23:02	21°♊23'07	
	-5106 Jul 06 j 22:45	0°♋	
evening max el	-5106 Jul 10 j 19:39	4°♋04'36	26°33'03
retrograde	-5106 Jul 23 j 16:27	11°♋21'52	
evening set	-5106 Jul 30 j 06:16	8°♋36'35	
min. Earth dist.	-5106 Aug 03 j 07:13	4°♋21'32	0.65938 AU
inferior conj	-5106 Aug 04 j 21:34	2°♋24'59	-2°-41'-42
minimum elong	-5106 Aug 05 j 00:53	2°♋14'54	2°40'24
	-5106 Aug 06 j 22:51	30°℞♊	
morning rise	-5106 Aug 10 j 20:26	26°♊36'58	
direct	-5106 Aug 13 j 20:39	25°♊45'42	
asc. node	-5106 Aug 13 j 16:48	25°♊45'51	
morning max el	-5106 Aug 20 j 15:03	29°♊32'19	18°43'17
	-5106 Aug 21 j 01:41	0°♋	
morning set	-5106 Sep 10 j 09:02	0°♌13'11	
	-5106 Sep 10 j 05:45	0°♌	
desc. node	-5106 Sep 25 j 22:28	24°♌56'28	
superior conj	-5106 Sep 26 j 05:01	25°♌22'20	0°-1'-43
minimum elong	-5106 Sep 26 j 04:49	25°♌21'31	0°01'31
behind sun begin	-5106 Sep 25 j 17:25	24°♌36'36	
behind sun end	-5106 Sep 26 j 16:12	26°♌06'25	
max. Earth dist.	-5106 Sep 26 j 12:51	25°♌53'13	1.44783 AU
	-5106 Sep 29 j 03:28	0°♍	
evening rise	-5106 Oct 12 j 07:45	20°♍53'34	
	-5106 Oct 18 j 00:35	0°♎	
evening max el	-5106 Nov 03 j 00:33	23°♎00'32	18°59'50
retrograde	-5106 Nov 09 j 22:19	26°♎56'36	
asc. node	-5106 Nov 09 j 15:32	26°♎56'08	
evening set	-5106 Nov 13 j 00:54	26°♎01'00	
inferior conj	-5106 Nov 18 j 20:26	20°♎11'45	2°47'53
minimum elong	-5106 Nov 18 j 17:15	20°♎21'38	2°46'52
min. Earth dist.	-5106 Nov 20 j 08:56	18°♎18'27	0.65436 AU
morning rise	-5106 Nov 24 j 08:36	14°♎01'08	
direct	-5106 Nov 30 j 20:08	11°♎14'37	
morning max el	-5106 Dec 13 j 17:48	18°♎45'08	26°37'23
desc. node	-5106 Dec 22 j 22:43	29°♎28'04	
	-5106 Dec 23 j 08:28	0°♏	
	-5105 Jan 11 j 21:37	0°♐	
morning set	-5105 Jan 18 j 15:24	12°♐15'34	
max. Earth dist.	-5105 Jan 22 j 23:29	20°♐41'02	1.34867 AU
superior conj	-5105 Jan 27 j 06:47	29°♐25'07	-1°-23'-19
minimum elong	-5105 Jan 27 j 09:45	29°♐40'25	1°23'13
	-5105 Jan 27 j 13:32	0°♑	
evening rise	-5105 Feb 03 j 21:22	15°♑16'52	
asc. node	-5105 Feb 05 j 14:26	18°♑47'03	
	-5105 Feb 11 j 10:52	0°♒	
evening max el	-5105 Feb 23 j 05:56	16°♒19'56	21°00'43
retrograde	-5105 Mar 06 j 17:11	21°♒47'28	
evening set	-5105 Mar 09 j 04:24	21°♒33'14	
inferior conj	-5105 Mar 18 j 07:29	17°♒35'00	0°42'39
minimum elong	-5105 Mar 18 j 09:24	17°♒32'15	0°41'48
min. Earth dist.	-5105 Mar 19 j 04:15	17°♒05'20	0.55264 AU
desc. node	-5105 Mar 20 j 21:52	16°♒07'09	
morning rise	-5105 Mar 27 j 13:21	13°♒24'19	
direct	-5105 Mar 30 j 16:23	13°♒02'58	
morning max el	-5105 Apr 12 j 16:27	19°♒20'22	22°33'28
	-5105 Apr 21 j 10:11	0°♓	
morning set	-5105 May 04 j 15:05	24°♓03'41	
asc. node	-5105 May 04 j 14:10	23°♓58'56	
	-5105 May 07 j 10:45	0°♈	
superior conj	-5105 May 11 j 21:35	9°♈27'48	1°08'48
minimum elong	-5105 May 11 j 19:01	9°♈14'11	1°08'25
max. Earth dist.	-5105 May 14 j 18:01	15°♈26'07	1.34264 AU
evening rise	-5105 May 19 j 19:14	25°♈37'24	
	-5105 May 22 j 01:41	0°♉	
	-5105 Jun 09 j 01:17	0°♊	
desc. node	-5105 Jun 16 j 20:10	10°♊20'49	
evening max el	-5105 Jun 23 j 06:50	17°♊24'26	27°13'17
retrograde	-5105 Jul 06 j 16:43	24°♊49'28	
evening set	-5105 Jul 13 j 16:17	22°♊02'51	
min. Earth dist.	-5105 Jul 17 j 10:23	18°♊25'24	0.64732 AU
inferior conj	-5105 Jul 19 j 14:33	15°♊59'40	-3°-22'-35
minimum elong	-5105 Jul 19 j 18:05	15°♊49'46	3°21'29
morning rise	-5105 Jul 25 j 21:20	10°♊27'01	
direct	-5105 Jul 28 j 15:39	9°♊46'24	
asc. node	-5105 Jul 31 j 13:51	10°♊31'19	
morning max el	-5105 Aug 04 j 04:20	13°♊17'26	18°11'37
	-5105 Aug 15 j 20:39	0°♋	
morning set	-5105 Aug 22 j 10:41	11°♋00'15	
	-5105 Sep 02 j 23:09	0°♌	
superior conj	-5105 Sep 05 j 09:36	3°♌55'15	0°45'31
minimum elong	-5105 Sep 05 j 14:40	4°♌15'34	0°45'08
max. Earth dist.	-5105 Sep 09 j 06:07	10°♌04'00	1.44480 AU
desc. node	-5105 Sep 12 j 19:22	15°♌40'31	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5105 Sep 21 j 23:34	0°♍	
evening rise	-5105 Sep 22 j 01:27	0°♍07'20	
greatest brilliancy	-5105 Oct 09 j 12:27	26°♍35'54	-0.6m
	-5105 Oct 11 j 23:21	0°♎	
evening max el	-5105 Oct 17 j 07:24	6°♎27'26	19°50'07
retrograde	-5105 Oct 24 j 19:04	10°♎49'15	
asc. node	-5105 Oct 27 j 12:41	10°♎05'45	
evening set	-5105 Oct 28 j 05:54	9°♎39'48	
inferior conj	-5105 Nov 02 j 20:07	3°♎37'53	2°02'11
minimum elong	-5105 Nov 02 j 17:32	3°♎46'22	2°01'15
min. Earth dist.	-5105 Nov 03 j 19:55	2°♎19'38	0.66391 AU
	-5105 Nov 05 j 16:15	30°℞♍	
morning rise	-5105 Nov 08 j 04:29	27°♍22'08	
direct	-5105 Nov 14 j 02:09	24°♍48'20	
	-5105 Nov 24 j 02:23	0°♎	
morning max el	-5105 Nov 26 j 02:53	1°♎55'45	25°27'41
desc. node	-5105 Dec 09 j 19:39	18°♎45'52	
	-5105 Dec 17 j 11:13	0°♏	
morning set	-5104 Jan 01 j 07:22	24°♏47'07	
	-5104 Jan 04 j 03:28	0°♐	
max. Earth dist.	-5104 Jan 05 j 03:24	1°♐52'13	1.36468 AU
superior conj	-5104 Jan 10 j 23:24	13°♐11'17	-1°-40'-3
minimum elong	-5104 Jan 11 j 02:05	13°♐24'40	1°40'07
evening rise	-5104 Jan 19 j 02:11	29°♐37'21	
	-5104 Jan 19 j 06:41	0°♑	
asc. node	-5104 Jan 23 j 11:28	8°♑17'17	
evening max el	-5104 Feb 05 j 16:49	27°♑59'04	19°48'23
	-5104 Feb 08 j 02:56	0°♒	
retrograde	-5104 Feb 15 j 11:34	2°♒36'36	
evening set	-5104 Feb 17 j 20:11	2°♒21'41	
	-5104 Feb 23 j 14:59	30°℞♑	
inferior conj	-5104 Feb 26 j 09:46	28°♑19'29	2°24'59
minimum elong	-5104 Feb 26 j 14:50	28°♑11'33	2°23'19
min. Earth dist.	-5104 Feb 28 j 18:42	26°♑50'55	0.56048 AU
morning rise	-5104 Mar 06 j 06:14	23°♑42'32	
desc. node	-5104 Mar 06 j 19:01	23°♑33'17	
direct	-5104 Mar 10 j 11:32	23°♑02'47	
	-5104 Mar 24 j 08:29	0°♒	
morning max el	-5104 Mar 24 j 08:54	0°♒00'59	24°12'06
	-5104 Apr 13 j 15:36	0°♓	
morning set	-5104 Apr 18 j 03:12	9°♓05'57	
asc. node	-5104 Apr 20 j 11:06	14°♓02'25	
superior conj	-5104 Apr 25 j 05:31	24°♓19'38	0°47'25
minimum elong	-5104 Apr 25 j 03:33	24°♓09'06	0°46'59
max. Earth dist.	-5104 Apr 26 j 22:44	28°♓01'03	1.33374 AU
	-5104 Apr 27 j 21:03	0°♈	
evening rise	-5104 May 02 j 16:17	9°♈57'37	
	-5104 May 13 j 10:13	0°♉	
desc. node	-5104 Jun 02 j 17:20	28°♉24'10	
	-5104 Jun 04 j 07:08	0°♊	
evening max el	-5104 Jun 04 j 16:44	0°♊23'14	27°25'21
retrograde	-5104 Jun 18 j 10:58	7°♊48'42	
evening set	-5104 Jun 25 j 13:51	5°♊13'57	
min. Earth dist.	-5104 Jun 29 j 04:15	2°♊08'04	0.63151 AU
	-5104 Jul 01 j 07:22	30°℞♉	
inferior conj	-5104 Jul 01 j 22:18	29°♉22'10	-3°-53'-57
minimum elong	-5104 Jul 02 j 01:10	29°♉14'55	3°53'18
morning rise	-5104 Jul 08 j 14:34	24°♉07'54	
direct	-5104 Jul 11 j 05:09	23°♉35'19	
asc. node	-5104 Jul 17 j 10:53	26°♉39'44	
morning max el	-5104 Jul 17 j 18:59	26°♉59'19	17°57'46
	-5104 Jul 20 j 10:24	0°♊	
morning set	-5104 Aug 03 j 12:35	22°♊56'33	
	-5104 Aug 07 j 13:23	0°♋	
superior conj	-5104 Aug 15 j 12:40	13°♋35'20	1°21'17
minimum elong	-5104 Aug 15 j 18:24	13°♋59'14	1°21'00
max. Earth dist.	-5104 Aug 21 j 20:44	23°♋59'05	1.43501 AU
	-5104 Aug 25 j 14:59	0°♌	
desc. node	-5104 Aug 29 j 16:18	6°♌22'33	
evening rise	-5104 Aug 31 j 05:10	8°♌45'51	
	-5104 Sep 14 j 06:21	0°♍	
greatest brilliancy	-5104 Sep 23 j 15:42	13°♍09'18	-0.5m
evening max el	-5104 Sep 29 j 08:31	19°♍53'41	20°54'23
retrograde	-5104 Oct 07 j 16:01	24°♍48'14	
evening set	-5104 Oct 11 j 13:25	23°♍22'02	
asc. node	-5104 Oct 13 j 09:50	21°♍41'12	
inferior conj	-5104 Oct 16 j 23:58	17°♍10'47	1°12'05
minimum elong	-5104 Oct 16 j 22:21	17°♍16'17	1°11'30
min. Earth dist.	-5104 Oct 17 j 12:22	16°♍28'29	0.67014 AU
morning rise	-5104 Oct 22 j 06:51	10°♍52'50	
direct	-5104 Oct 27 j 13:16	8°♍38'02	
morning max el	-5104 Nov 07 j 11:38	15°♍09'39	24°05'12
	-5104 Nov 19 j 15:34	0°♎	
desc. node	-5104 Nov 25 j 16:32	8°♎34'01	
	-5104 Dec 09 j 09:53	0°♏	
morning set	-5104 Dec 13 j 01:17	6°♏09'18	
max. Earth dist.	-5104 Dec 17 j 00:19	13°♏05'28	1.38408 AU
superior conj	-5104 Dec 24 j 04:02	26°♏17'32	-1°-50'-30
minimum elong	-5104 Dec 24 j 05:24	26°♏24'03	1°50'42
	-5104 Dec 26 j 02:27	0°♐	
evening rise	-5103 Jan 02 j 00:34	13°♐33'14	
asc. node	-5103 Jan 09 j 08:33	27°♐22'17	
	-5103 Jan 10 j 21:38	0°♑	
evening max el	-5103 Jan 18 j 13:47	10°♑13'23	18°54'57
retrograde	-5103 Jan 26 j 21:39	14°♑13'18	
evening set	-5103 Jan 29 j 08:01	13°♑54'15	
inferior conj	-5103 Feb 06 j 05:18	9°♑35'34	3°32'25
minimum elong	-5103 Feb 06 j 09:29	9°♑28'02	3°31'25
min. Earth dist.	-5103 Feb 09 j 10:08	7°♑18'30	0.57554 AU
morning rise	-5103 Feb 14 j 07:19	4°♑30'28	
direct	-5103 Feb 19 j 18:58	3°♑18'30	
desc. node	-5103 Feb 21 j 16:08	3°♑27'02	
morning max el	-5103 Mar 05 j 23:57	10°♑39'51	25°44'32
	-5103 Mar 20 j 18:16	0°♒	
morning set	-5103 Apr 02 j 15:17	24°♒09'06	
	-5103 Apr 05 j 09:14	0°♓	
asc. node	-5103 Apr 07 j 08:04	4°♓13'45	
superior conj	-5103 Apr 09 j 16:14	9°♓20'05	0°24'02
minimum elong	-5103 Apr 09 j 15:12	9°♓14'25	0°23'42
max. Earth dist.	-5103 Apr 10 j 09:50	10°♓55'56	1.32836 AU
evening rise	-5103 Apr 16 j 20:23	24°♓39'18	
	-5103 Apr 19 j 11:45	0°♈	
	-5103 May 07 j 04:24	0°♉	
evening max el	-5103 May 17 j 22:47	12°♉48'25	27°04'59
desc. node	-5103 May 20 j 14:31	15°♉10'08	
retrograde	-5103 May 31 j 22:07	20°♉11'05	
evening set	-5103 Jun 07 j 19:01	18°♉01'50	
min. Earth dist.	-5103 Jun 11 j 12:13	15°♉15'44	0.61264 AU
inferior conj	-5103 Jun 14 j 17:32	12°♉24'48	-4°-10'-40
minimum elong	-5103 Jun 14 j 18:32	12°♉22'34	4°10'28
morning rise	-5103 Jun 21 j 20:56	7°♉31'30	
direct	-5103 Jun 24 j 09:26	7°♉05'08	
morning max el	-5103 Jul 01 j 08:21	10°♉31'50	18°02'38
asc. node	-5103 Jul 04 j 07:55	13°♉55'28	
	-5103 Jul 14 j 05:24	0°♊	
morning set	-5103 Jul 17 j 09:25	5°♊47'48	
superior conj	-5103 Jul 27 j 19:25	24°♊37'55	1°42'01
minimum elong	-5103 Jul 27 j 22:42	24°♊52'21	1°42'07

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5103 Jul 30 j 21:40	0°♋	
max. Earth dist.	-5103 Aug 04 j 06:30	7°♋22'41	1.41975 AU
evening rise	-5103 Aug 10 j 14:59	17°♋42'55	
desc. node	-5103 Aug 16 j 13:17	26°♋59'20	
	-5103 Aug 18 j 12:35	0°♌	
greatest brilliancy	-5103 Sep 07 j 09:21	27°♌56'24	-0.3m
	-5103 Sep 09 j 02:42	0°♍	
evening max el	-5103 Sep 12 j 03:18	3°♍18'27	22°09'11
retrograde	-5103 Sep 21 j 11:26	8°♍51'05	
evening set	-5103 Sep 25 j 21:33	7°♍05'43	
asc. node	-5103 Sep 30 j 07:00	2°♍07'26	
inferior conj	-5103 Oct 01 j 06:01	0°♍48'23	0°19'34
minimum elong	-5103 Oct 01 j 05:33	0°♍49'57	0°19'32
min. Earth dist.	-5103 Oct 01 j 07:54	0°♍41'50	0.67331 AU
	-5103 Oct 01 j 20:03	30°℞♌	
morning rise	-5103 Oct 06 j 13:23	24°♌31'14	
direct	-5103 Oct 11 j 04:44	22°♌37'48	
morning max el	-5103 Oct 20 j 22:40	28°♌26'41	22°39'12
	-5103 Oct 22 j 10:03	0°♍	
greatest brilliancy	-5103 Oct 25 j 16:30	3°♍47'25	-0.3m
desc. node	-5103 Nov 12 j 13:24	28°♍43'11	
	-5103 Nov 13 j 09:40	0°♎	
morning set	-5103 Nov 23 j 15:40	16°♎08'54	
max. Earth dist.	-5103 Nov 28 j 21:52	24°♎54'34	1.40466 AU
	-5103 Dec 01 j 20:52	0°♏	
superior conj	-5103 Dec 06 j 15:48	8°♏29'52	-1°-51'-41
minimum elong	-5103 Dec 06 j 14:34	8°♏24'18	1°51'49
evening rise	-5103 Dec 16 j 13:36	26°♏56'34	
	-5103 Dec 18 j 04:30	0°♐	
asc. node	-5103 Dec 27 j 05:40	15°♐52'48	
evening max el	-5102 Jan 01 j 18:41	22°♐55'32	18°21'35
retrograde	-5102 Jan 09 j 02:24	26°♐33'17	
evening set	-5102 Jan 11 j 14:50	26°♐08'41	
inferior conj	-5102 Jan 18 j 21:08	21°♐28'35	4°02'44
minimum elong	-5102 Jan 18 j 22:26	21°♐25'51	4°02'23
min. Earth dist.	-5102 Jan 22 j 05:19	18°♐42'03	0.59454 AU
morning rise	-5102 Jan 26 j 02:56	16°♐00'36	
direct	-5102 Feb 01 j 14:21	14°♐09'47	
desc. node	-5102 Feb 08 j 13:14	16°♐08'28	
morning max el	-5102 Feb 15 j 19:17	21°♐43'19	26°55'54
	-5102 Feb 23 j 02:04	0°♑	
	-5102 Mar 13 j 13:11	0°♒	
morning set	-5102 Mar 18 j 01:32	9°♒05'56	
superior conj	-5102 Mar 25 j 04:00	24°♒22'12	0°00'-26
minimum elong	-5102 Mar 25 j 04:01	24°♒22'20	0°00'37
behind sun begin	-5102 Mar 24 j 23:02	23°♒55'01	
behind sun end	-5102 Mar 25 j 09:01	24°♒49'39	
max. Earth dist.	-5102 Mar 24 j 23:26	23°♒57'12	1.32624 AU
asc. node	-5102 Mar 25 j 05:03	24°♒27'58	
	-5102 Mar 27 j 17:51	0°♓	
evening rise	-5102 Apr 01 j 04:57	9°♓32'53	
	-5102 Apr 11 j 21:15	0°♈	
evening max el	-5102 Apr 29 j 22:47	24°♈31'41	26°12'32
desc. node	-5102 May 07 j 11:43	0°♉07'29	
	-5102 May 07 j 05:54	0°♉	
retrograde	-5102 May 14 j 00:56	1°♉49'53	
evening set	-5102 May 20 j 04:07	0°♉16'30	
	-5102 May 20 j 16:55	30°℞♈	
min. Earth dist.	-5102 May 24 j 11:33	27°♈33'43	0.59226 AU
inferior conj	-5102 May 27 j 20:36	24°♈58'16	-4°-5'-13
minimum elong	-5102 May 27 j 18:35	25°♈02'11	4°04'59
morning rise	-5102 Jun 04 j 12:51	20°♈27'12	
direct	-5102 Jun 07 j 00:07	20°♈05'57	
morning max el	-5102 Jun 14 j 17:39	23°♈47'21	18°27'05
	-5102 Jun 19 j 20:11	0°♉	
asc. node	-5102 Jun 21 j 04:55	2°♉03'52	
morning set	-5102 Jun 30 j 20:17	19°♉21'45	
	-5102 Jul 06 j 09:50	0°♊	
superior conj	-5102 Jul 10 j 02:12	6°♊53'27	1°49'23
minimum elong	-5102 Jul 10 j 02:40	6°♊55'38	1°49'38
max. Earth dist.	-5102 Jul 17 j 10:25	20°♊02'23	1.40111 AU
evening rise	-5102 Jul 21 j 23:10	27°♊44'21	
	-5102 Jul 23 j 07:56	0°♋	
desc. node	-5102 Aug 03 j 10:19	17°♋27'02	
	-5102 Aug 12 j 02:47	0°♌	
evening max el	-5102 Aug 25 j 16:47	16°♌43'28	23°29'39
retrograde	-5102 Sep 05 j 04:06	22°♌55'16	
evening set	-5102 Sep 10 j 04:31	20°♌49'47	
min. Earth dist.	-5102 Sep 15 j 04:10	14°♌58'20	0.67351 AU
inferior conj	-5102 Sep 15 j 12:31	14°♌29'45	0°-33'-33
minimum elong	-5102 Sep 15 j 13:17	14°♌27'06	0°33'02
asc. node	-5102 Sep 17 j 04:08	12°♌16'25	
morning rise	-5102 Sep 20 j 22:08	8°♌16'26	
direct	-5102 Sep 24 j 23:47	6°♌43'48	
morning max el	-5102 Oct 03 j 14:58	11°♌50'10	21°17'43
greatest brilliancy	-5102 Oct 09 j 00:16	18°♌06'20	-0.5m
	-5102 Oct 17 j 15:57	0°♍	
desc. node	-5102 Oct 30 j 10:17	19°♍07'30	
morning set	-5102 Nov 03 j 03:18	24°♍54'06	
	-5102 Nov 06 j 08:34	0°♎	
max. Earth dist.	-5102 Nov 11 j 01:12	7°♎35'15	1.42351 AU
superior conj	-5102 Nov 18 j 05:04	19°♎34'41	-1°-40'-3
minimum elong	-5102 Nov 18 j 00:25	19°♎14'49	1°39'49
	-5102 Nov 24 j 04:27	0°♏	
evening rise	-5102 Nov 29 j 13:44	9°♏39'54	
	-5102 Dec 11 j 10:32	0°♐	
asc. node	-5102 Dec 14 j 02:47	3°♐38'19	
evening max el	-5102 Dec 16 j 04:51	5°♐58'17	18°08'10
retrograde	-5102 Dec 22 j 22:58	9°♐27'28	
evening set	-5102 Dec 25 j 13:39	8°♐56'20	
inferior conj	-5101 Jan 01 j 07:25	3°♐54'24	4°03'42
minimum elong	-5101 Jan 01 j 06:07	3°♐57'33	4°03'22
min. Earth dist.	-5101 Jan 04 j 07:48	1°♐01'26	0.61429 AU
	-5101 Jan 05 j 11:22	30°℞♏	
morning rise	-5101 Jan 07 j 20:12	28°♏09'48	
direct	-5101 Jan 14 j 20:02	25°♏45'12	
	-5101 Jan 24 j 23:17	0°♐	
desc. node	-5101 Jan 26 j 10:17	1°♐11'13	
morning max el	-5101 Jan 28 j 20:59	3°♐25'41	27°35'08
	-5101 Feb 17 j 13:17	0°♑	
morning set	-5101 Mar 02 j 08:02	23°♑49'16	
	-5101 Mar 05 j 07:07	0°♒	
max. Earth dist.	-5101 Mar 08 j 11:40	6°♒50'50	1.32745 AU
superior conj	-5101 Mar 09 j 15:08	9°♒20'03	0°-25'-11
minimum elong	-5101 Mar 09 j 16:15	9°♒26'07	0°25'11
asc. node	-5101 Mar 12 j 02:02	14°♒40'56	
evening rise	-5101 Mar 16 j 15:55	24°♒30'59	
	-5101 Mar 19 j 07:38	0°♓	
	-5101 Apr 06 j 13:43	0°♈	
evening max el	-5101 Apr 11 j 17:02	5°♈37'10	24°54'17
desc. node	-5101 Apr 24 j 08:57	12°♈39'34	
retrograde	-5101 Apr 25 j 17:32	12°♈43'53	
evening set	-5101 Apr 30 j 16:12	11°♈47'45	
min. Earth dist.	-5101 May 06 j 05:22	8°♈52'08	0.57319 AU
inferior conj	-5101 May 09 j 04:22	6°♈53'56	-3°-28'-2
minimum elong	-5101 May 08 j 23:24	7°♈02'16	3°27'05
morning rise	-5101 May 17 j 10:51	2°♈42'40	
direct	-5101 May 19 j 21:05	2°♈25'36	
morning max el	-5101 May 28 j 20:00	6°♈36'25	19°11'37

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5101 Jun 08 j 01:54	20°♈52'25		
	-5101 Jun 12 j 22:53	0°♉		
morning set	-5101 Jun 14 j 17:14	3°♉28'06		
superior conj	-5101 Jun 23 j 03:07	20°♉05'00	1°46'23	
minimum elong	-5101 Jun 23 j 01:35	19°♉57'36	1°46'31	
	-5101 Jun 28 j 08:53	0°♊		
max. Earth dist.	-5101 Jun 29 j 11:29	2°♊02'04	1.38178 AU	
evening rise	-5101 Jul 03 j 09:52	9°♊03'55		
	-5101 Jul 16 j 04:11	0°♋		
desc. node	-5101 Jul 21 j 07:24	7°♋40'00		
	-5101 Aug 07 j 23:14	0°♌		
evening max el	-5101 Aug 08 j 03:33	0°♌10'44	24°49'14	
retrograde	-5101 Aug 19 j 16:58	6°♌56'10		
evening set	-5101 Aug 25 j 08:28	4°♌31'43		
	-5101 Aug 29 j 09:17	30°℞♋		
min. Earth dist.	-5101 Aug 29 j 22:42	29°♋15'46	0.67066 AU	
inferior conj	-5101 Aug 30 j 17:44	28°♋12'25	-1°-25'-45	
minimum elong	-5101 Aug 30 j 19:40	28°♋05'58	1°24'44	
asc. node	-5101 Sep 04 j 01:15	23°♋06'37		
morning rise	-5101 Sep 05 j 07:14	22°♋06'10		
direct	-5101 Sep 08 j 21:13	20°♋51'57		
morning max el	-5101 Sep 16 j 14:10	25°♋21'07	20°06'27	
	-5101 Sep 20 j 14:27	0°♌		
greatest brilliancy	-5101 Sep 23 j 19:54	4°♌17'26	-0.6m	
	-5101 Oct 11 j 01:26	0°♍		
morning set	-5101 Oct 13 j 02:05	3°♍08'09		
desc. node	-5101 Oct 17 j 07:09	9°♍41'39		
max. Earth dist.	-5101 Oct 24 j 11:24	21°♍02'20	1.43801 AU	
superior conj	-5101 Oct 29 j 15:05	29°♍21'35	-1°-12'-35	
minimum elong	-5101 Oct 29 j 08:29	28°♍54'41	1°11'53	
	-5101 Oct 30 j 00:30	0°♎		
evening rise	-5101 Nov 11 j 20:26	21°♎33'24		
	-5101 Nov 16 j 18:22	0°♏		
evening max el	-5101 Nov 29 j 17:29	19°♏14'30	18°14'05	
asc. node	-5101 Nov 30 j 23:54	20°♏25'37		
retrograde	-5101 Dec 06 j 06:56	22°♏46'25		
evening set	-5101 Dec 09 j 00:56	22°♏07'19		
inferior conj	-5101 Dec 15 j 08:30	16°♏45'04	3°44'16	
minimum elong	-5101 Dec 15 j 05:41	16°♏52'41	3°43'37	
min. Earth dist.	-5101 Dec 17 j 19:36	14°♏05'55	0.63234 AU	
morning rise	-5101 Dec 21 j 08:43	10°♏48'18		
direct	-5101 Dec 28 j 09:59	8°♏03'29		
morning max el	-5100 Jan 11 j 03:42	15°♏45'59	27°38'22	
desc. node	-5100 Jan 13 j 07:18	17°♏59'03		
	-5100 Jan 22 j 22:27	0°♐		
	-5100 Feb 10 j 03:36	0°♑		
morning set	-5100 Feb 14 j 08:24	8°♑10'50		
max. Earth dist.	-5100 Feb 19 j 18:39	19°♑23'12	1.33235 AU	
superior conj	-5100 Feb 21 j 23:57	24°♑07'42	0°-49'-17	
minimum elong	-5100 Feb 22 j 02:03	24°♑18'56	0°49'10	
	-5100 Feb 24 j 17:21	0°♒		
asc. node	-5100 Feb 26 j 23:02	4°♒48'42		
evening rise	-5100 Feb 29 j 03:31	9°♒27'13		
	-5100 Mar 10 j 22:25	0°♓		
evening max el	-5100 Mar 23 j 09:25	16°♓23'50	23°22'06	
retrograde	-5100 Apr 05 j 21:25	23°♓03'48		
evening set	-5100 Apr 09 j 13:08	22°♓34'32		
desc. node	-5100 Apr 10 j 06:08	22°♓22'25		
min. Earth dist.	-5100 Apr 16 j 20:43	19°♓14'24	0.55888 AU	
inferior conj	-5100 Apr 18 j 16:35	18°♓09'22	-2°-12'-15	
minimum elong	-5100 Apr 18 j 11:27	18°♓17'01	2°10'50	
morning rise	-5100 Apr 27 j 12:58	14°♓10'03		
direct	-5100 Apr 29 j 23:48	13°♓55'13		
morning max el	-5100 May 10 j 12:48	18°♓50'02	20°16'12	
	-5100 May 19 j 05:22	0°♈		
asc. node	-5100 May 24 j 22:53	10°♈11'42		
morning set	-5100 May 28 j 21:19	17°♈59'40		
	-5100 Jun 03 j 18:06	0°♉		
superior conj	-5100 Jun 05 j 17:10	3°♉58'46	1°35'48	
minimum elong	-5100 Jun 05 j 14:38	3°♉45'59	1°35'42	
max. Earth dist.	-5100 Jun 10 j 16:31	13°♉47'43	1.36414 AU	
evening rise	-5100 Jun 14 j 19:35	21°♉33'54		
	-5100 Jun 19 j 12:51	0°♊		
desc. node	-5100 Jul 07 j 04:30	27°♊31'41		
	-5100 Jul 09 j 00:04	0°♋		
evening max el	-5100 Jul 20 j 14:13	13°♋40'58	25°59'50	
retrograde	-5100 Aug 02 j 01:14	20°♋49'23		
evening set	-5100 Aug 08 j 07:24	18°♋09'58		
min. Earth dist.	-5100 Aug 12 j 13:05	13°♋32'06	0.66455 AU	
inferior conj	-5100 Aug 13 j 19:53	11°♋54'44	-2°-15'-14	
minimum elong	-5100 Aug 13 j 22:47	11°♋45'31	2°13'56	
morning rise	-5100 Aug 19 j 14:51	5°♋58'53		
asc. node	-5100 Aug 20 j 22:22	5°♋20'24		
direct	-5100 Aug 22 j 19:28	5°♋00'02		
morning max el	-5100 Aug 29 j 20:09	8°♋59'40	19°09'03	
	-5100 Sep 13 j 20:27	0°♌		
morning set	-5100 Sep 21 j 11:08	11°♌57'03		
	-5100 Oct 02 j 22:26	0°♍		
desc. node	-5100 Oct 03 j 04:02	0°♍22'03		
max. Earth dist.	-5100 Oct 06 j 03:04	5°♍02'09	1.44632 AU	
superior conj	-5100 Oct 08 j 00:01	7°♍59'55	0°-30'-4	
minimum elong	-5100 Oct 07 j 20:14	7°♍44'57	0°29'28	
	-5100 Oct 21 j 16:49	0°♎		
evening rise	-5100 Oct 23 j 04:56	2°♎27'33		
	-5100 Nov 09 j 22:26	0°♏		
evening max el	-5100 Nov 12 j 05:49	2°♏38'16	18°38'15	
asc. node	-5100 Nov 16 j 21:03	5°♏59'29		
retrograde	-5100 Nov 18 j 22:23	6°♏22'40		
evening set	-5100 Nov 21 j 21:21	5°♏33'40		
inferior conj	-5100 Nov 27 j 20:44	29°♎53'25	3°11'13	
minimum elong	-5100 Nov 27 j 17:27	0°♏03'09	3°10'16	
	-5100 Nov 27 j 18:31	30°℞♎		
min. Earth dist.	-5100 Nov 29 j 17:14	27°♎41'28	0.64735 AU	
morning rise	-5100 Dec 03 j 12:22	23°♎47'24		
direct	-5100 Dec 10 j 06:38	20°♎57'45		
morning max el	-5100 Dec 23 j 12:56	28°♎34'49	27°07'51	
	-5100 Dec 24 j 22:17	0°♏		
desc. node	-5100 Dec 30 j 04:16	6°♏01'27		
	-5099 Jan 15 j 16:53	0°♐		
morning set	-5099 Jan 27 j 23:33	21°♐59'38		
	-5099 Feb 01 j 00:20	0°♑		
max. Earth dist.	-5099 Feb 01 j 16:41	1°♑23'11	1.34145 AU	
superior conj	-5099 Feb 05 j 04:27	8°♑37'30	-1°-11'-41	
minimum elong	-5099 Feb 05 j 07:14	8°♑52'07	1°11'34	
evening rise	-5099 Feb 12 j 13:58	24°♑14'28		
asc. node	-5099 Feb 12 j 20:02	24°♑46'03		
	-5099 Feb 15 j 09:28	0°♒		
evening max el	-5099 Mar 05 j 05:33	27°♒15'41	21°49'32	
	-5099 Mar 08 j 12:50	0°♓		
retrograde	-5099 Mar 17 j 13:45	3°♓12'05		
evening set	-5099 Mar 20 j 07:42	2°♓55'15		
	-5099 Mar 27 j 13:54	30°℞♒		
desc. node	-5099 Mar 28 j 03:18	29°♒41'36		
inferior conj	-5099 Mar 29 j 14:44	28°♒52'01	0°-24'-18	
minimum elong	-5099 Mar 29 j 13:36	28°♒53'37	0°24'06	
min. Earth dist.	-5099 Mar 29 j 10:57	28°♒57'22	0.55233 AU	
morning rise	-5099 Apr 07 j 20:11	24°♒50'52		
direct	-5099 Apr 10 j 14:13	24°♒34'00		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5099 Apr 22 j 09:22	0°♓	
morning max el	-5099 Apr 22 j 18:34	0°♓21'16	21°39'15
asc. node	-5099 May 11 j 19:51	29°♓52'58	
	-5099 May 11 j 21:14	0°♈	
morning set	-5099 May 13 j 06:05	2°♈48'23	
superior conj	-5099 May 20 j 16:24	18°♈22'11	1°19'48
minimum elong	-5099 May 20 j 13:39	18°♈07'56	1°19'30
max. Earth dist.	-5099 May 24 j 06:30	25°♈44'39	1.34953 AU
	-5099 May 26 j 09:34	0°♉	
evening rise	-5099 May 28 j 22:40	4°♉57'34	
	-5099 Jun 12 j 07:14	0°♊	
desc. node	-5099 Jun 24 j 01:37	16°♊52'25	
evening max el	-5099 Jul 03 j 01:32	27°♊07'35	26°53'14
	-5099 Jul 06 j 06:48	0°♋	
retrograde	-5099 Jul 16 j 04:19	4°♋28'17	
evening set	-5099 Jul 22 j 22:55	1°♋41'17	
	-5099 Jul 24 j 18:38	30°℞♊	
min. Earth dist.	-5099 Jul 26 j 20:51	27°♊42'31	0.65477 AU
inferior conj	-5099 Jul 28 j 16:52	25°♊33'08	-2°-59'-59
minimum elong	-5099 Jul 28 j 20:21	25°♊22'52	2°58'43
morning rise	-5099 Aug 03 j 18:54	19°♊51'09	
direct	-5099 Aug 06 j 16:26	19°♊04'35	
asc. node	-5099 Aug 07 j 19:27	19°♊11'33	
morning max el	-5099 Aug 13 j 07:24	22°♊43'15	18°27'40
	-5099 Aug 19 j 01:41	0°♋	
morning set	-5099 Sep 01 j 21:10	21°♋59'36	
	-5099 Sep 06 j 19:24	0°♌	
superior conj	-5099 Sep 16 j 23:22	16°♌15'00	0°19'12
minimum elong	-5099 Sep 17 j 01:50	16°♌24'45	0°19'06
max. Earth dist.	-5099 Sep 18 j 21:17	19°♌16'29	1.44744 AU
desc. node	-5099 Sep 20 j 00:56	21°♌05'32	
	-5099 Sep 25 j 16:49	0°♍	
evening rise	-5099 Oct 03 j 12:12	12°♍16'26	
	-5099 Oct 14 j 20:15	0°♎	
greatest brilliancy	-5099 Oct 16 j 10:58	2°♎27'27	-0.7m
evening max el	-5099 Oct 26 j 15:19	16°♎04'56	19°19'24
retrograde	-5099 Nov 02 j 18:02	20°♎10'44	
asc. node	-5099 Nov 03 j 18:12	20°♎04'53	
evening set	-5099 Nov 05 j 23:57	19°♎09'23	
inferior conj	-5099 Nov 11 j 16:59	13°♎14'15	2°29'13
minimum elong	-5099 Nov 11 j 14:00	13°♎23'46	2°28'11
min. Earth dist.	-5099 Nov 12 j 23:49	11°♎35'55	0.65882 AU
morning rise	-5099 Nov 17 j 03:15	7°♎01'21	
direct	-5099 Nov 23 j 09:10	4°♎19'28	
morning max el	-5099 Dec 05 j 22:34	11°♎41'03	26°10'05
desc. node	-5099 Dec 17 j 01:11	24°♎56'22	
	-5099 Dec 20 j 16:36	0°♏	
	-5098 Jan 08 j 07:05	0°♐	
morning set	-5098 Jan 11 j 01:27	5°♐03'39	
max. Earth dist.	-5098 Jan 15 j 03:31	12°♐50'20	1.35501 AU
superior conj	-5098 Jan 20 j 02:16	22°♐42'07	-1°-31'-1
minimum elong	-5098 Jan 20 j 05:13	22°♐57'09	1°30'59
	-5098 Jan 23 j 15:28	0°♑	
evening rise	-5098 Jan 27 j 21:27	8°♑46'47	
asc. node	-5098 Jan 30 j 17:04	14°♑28'00	
	-5098 Feb 08 j 11:27	0°♒	
evening max el	-5098 Feb 15 j 10:17	8°♒34'03	20°27'43
retrograde	-5098 Feb 26 j 04:02	13°♒39'33	
evening set	-5098 Feb 28 j 13:22	13°♒25'30	
inferior conj	-5098 Mar 09 j 11:24	9°♒27'08	1°29'21
minimum elong	-5098 Mar 09 j 15:09	9°♒21'38	1°27'56
min. Earth dist.	-5098 Mar 11 j 00:53	8°♒32'08	0.55499 AU
desc. node	-5098 Mar 15 j 00:27	6°♒25'00	
morning rise	-5098 Mar 18 j 14:52	5°♒06'46	
direct	-5098 Mar 22 j 03:51	4°♒39'27	
morning max el	-5098 Apr 04 j 14:42	11°♒15'25	23°15'12
	-5098 Apr 18 j 11:59	0°♓	
morning set	-5098 Apr 27 j 17:31	17°♓47'39	
asc. node	-5098 Apr 28 j 16:48	19°♓49'52	
	-5098 May 03 j 11:05	0°♈	
superior conj	-5098 May 04 j 21:51	3°♈05'59	1°00'02
minimum elong	-5098 May 04 j 19:29	2°♈53'25	0°59'37
max. Earth dist.	-5098 May 07 j 06:23	8°♈05'40	1.33848 AU
evening rise	-5098 May 12 j 14:18	19°♈00'31	
	-5098 May 18 j 08:32	0°♉	
	-5098 Jun 06 j 11:28	0°♊	
desc. node	-5098 Jun 10 j 22:46	5°♊29'02	
evening max el	-5098 Jun 15 j 12:22	10°♊19'28	27°22'02
retrograde	-5098 Jun 29 j 01:55	17°♊44'51	
evening set	-5098 Jul 06 j 04:03	15°♊01'21	
min. Earth dist.	-5098 Jul 09 j 20:01	11°♊38'42	0.64110 AU
inferior conj	-5098 Jul 12 j 06:16	9°♊02'56	-3°-37'-19
minimum elong	-5098 Jul 12 j 09:39	8°♊53'52	3°36'23
morning rise	-5098 Jul 18 j 16:55	3°♊38'00	
direct	-5098 Jul 21 j 09:29	3°♊01'00	
asc. node	-5098 Jul 25 j 16:32	4°♊33'58	
morning max el	-5098 Jul 27 j 21:38	6°♊27'34	18°03'31
	-5098 Aug 12 j 11:34	0°♋	
morning set	-5098 Aug 14 j 09:42	3°♋17'22	
superior conj	-5098 Aug 27 j 11:57	25°♋11'45	1°02'30
minimum elong	-5098 Aug 27 j 17:52	25°♋35'50	1°02'05
	-5098 Aug 30 j 11:14	0°♌	
max. Earth dist.	-5098 Sep 01 j 14:10	3°♌23'55	1.44137 AU
desc. node	-5098 Sep 06 j 21:51	11°♌48'44	
evening rise	-5098 Sep 12 j 21:55	21°♌09'31	
	-5098 Sep 18 j 15:59	0°♍	
greatest brilliancy	-5098 Oct 03 j 01:43	21°♍13'50	-0.6m
evening max el	-5098 Oct 09 j 19:46	29°♍30'51	20°15'55
	-5098 Oct 10 j 07:19	0°♎	
retrograde	-5098 Oct 17 j 15:13	4°♎06'06	
evening set	-5098 Oct 21 j 06:17	2°♎49'45	
asc. node	-5098 Oct 21 j 15:22	2°♎32'55	
	-5098 Oct 24 j 05:13	30°℞♍	
inferior conj	-5098 Oct 26 j 18:42	26°♍43'09	1°41'21
minimum elong	-5098 Oct 26 j 16:29	26°♍50'32	1°40'33
min. Earth dist.	-5098 Oct 27 j 13:24	25°♍40'27	0.66687 AU
morning rise	-5098 Nov 01 j 02:10	20°♍26'04	
direct	-5098 Nov 06 j 17:16	18°♍00'07	
morning max el	-5098 Nov 18 j 07:33	24°♍53'55	24°53'44
	-5098 Nov 22 j 22:48	0°♎	
desc. node	-5098 Dec 03 j 22:05	14°♎27'51	
	-5098 Dec 14 j 04:25	0°♏	
morning set	-5098 Dec 24 j 08:48	17°♏07'19	
max. Earth dist.	-5098 Dec 28 j 03:54	23°♏58'42	1.37260 AU
	-5098 Dec 31 j 09:06	0°♐	
superior conj	-5097 Jan 03 j 14:14	6°♐11'57	-1°-45'-25
minimum elong	-5097 Jan 03 j 16:31	6°♐23'05	1°45'33
evening rise	-5097 Jan 11 j 23:50	22°♐57'19	
	-5097 Jan 15 j 13:45	0°♑	
asc. node	-5097 Jan 17 j 14:07	3°♑48'14	
evening max el	-5097 Jan 29 j 01:29	20°♑27'45	19°23'12
retrograde	-5097 Feb 07 j 04:35	24°♑47'59	
evening set	-5097 Feb 09 j 13:32	24°♑31'41	
inferior conj	-5097 Feb 17 j 20:11	20°♑23'17	2°58'21
minimum elong	-5097 Feb 18 j 01:18	20°♑14'48	2°56'53
min. Earth dist.	-5097 Feb 20 j 15:37	18°♑32'19	0.56613 AU
morning rise	-5097 Feb 26 j 09:27	15°♑33'41	
desc. node	-5097 Mar 01 j 21:34	14°♑45'34	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

direct	-5097 Mar 03 j 03:31	14°♉41'56	
morning max el	-5097 Mar 17 j 05:57	21°♉52'14	24°53'08
	-5097 Mar 24 j 08:23	0°♒	
	-5097 Apr 10 j 20:55	0°♓	
morning set	-5097 Apr 12 j 05:51	2°♓51'17	
asc. node	-5097 Apr 15 j 13:45	9°♓57'16	
superior conj	-5097 Apr 19 j 07:14	18°♓02'36	0°37'41
minimum elong	-5097 Apr 19 j 05:38	17°♓53'58	0°37'18
max. Earth dist.	-5097 Apr 20 j 14:09	20°♓49'53	1.33100 AU
	-5097 Apr 24 j 21:45	0°♈	
evening rise	-5097 Apr 26 j 14:43	3°♈31'00	
	-5097 May 11 j 03:29	0°♉	
desc. node	-5097 May 28 j 19:57	23°♉03'00	
evening max el	-5097 May 28 j 20:44	23°♉04'53	27°20'39
	-5097 Jun 08 j 09:19	0°♊	
retrograde	-5097 Jun 11 j 17:32	0°♊30'15	
	-5097 Jun 14 j 23:05	30°℞♉	
evening set	-5097 Jun 18 j 19:16	28°♉04'21	
min. Earth dist.	-5097 Jun 22 j 09:36	25°♉08'54	0.62378 AU
inferior conj	-5097 Jun 25 j 09:10	22°♉18'17	-4°-3'-13
minimum elong	-5097 Jun 25 j 11:24	22°♉12'54	4°02'48
morning rise	-5097 Jul 02 j 06:01	17°♉13'01	
direct	-5097 Jul 04 j 19:27	16°♉43'23	
morning max el	-5097 Jul 11 j 12:13	20°♉07'15	17°57'32
asc. node	-5097 Jul 12 j 13:35	21°♉13'24	
	-5097 Jul 18 j 20:38	0°♊	
morning set	-5097 Jul 27 j 20:22	15°♊38'56	
	-5097 Aug 04 j 22:47	0°♋	
superior conj	-5097 Aug 08 j 03:02	5°♋28'01	1°31'52
minimum elong	-5097 Aug 08 j 07:55	5°♋48'49	1°31'46
max. Earth dist.	-5097 Aug 15 j 02:35	17°♋06'15	1.42904 AU
evening rise	-5097 Aug 23 j 01:41	29°♋48'50	
	-5097 Aug 23 j 04:32	0°♌	
desc. node	-5097 Aug 24 j 18:50	2°♌29'05	
	-5097 Sep 12 j 08:42	0°♍	
greatest brilliancy	-5097 Sep 17 j 14:08	6°♍57'34	-0.4m
evening max el	-5097 Sep 22 j 18:04	12°♍55'50	21°25'07
retrograde	-5097 Oct 01 j 11:48	18°♍06'44	
evening set	-5097 Oct 05 j 14:17	16°♍32'45	
asc. node	-5097 Oct 08 j 12:33	13°♍34'09	
inferior conj	-5097 Oct 10 j 23:44	10°♍18'19	0°50'00
minimum elong	-5097 Oct 10 j 22:35	10°♍22'14	0°49'38
min. Earth dist.	-5097 Oct 11 j 07:37	9°♍51'11	0.67182 AU
morning rise	-5097 Oct 16 j 06:34	4°♍00'03	
direct	-5097 Oct 21 j 06:23	1°♍54'14	
morning max el	-5097 Oct 31 j 16:56	8°♍08'49	23°28'27
greatest brilliancy	-5097 Nov 06 j 23:42	15°♍19'55	-0.2m
	-5097 Nov 17 j 18:38	0°♎	
desc. node	-5097 Nov 20 j 18:58	4°♎25'26	
morning set	-5097 Dec 05 j 15:28	27°♎54'54	
	-5097 Dec 06 j 21:05	0°♏	
max. Earth dist.	-5097 Dec 09 j 23:37	5°♏20'51	1.39281 AU
superior conj	-5097 Dec 17 j 12:18	18°♏56'07	-1°-52'-21
minimum elong	-5097 Dec 17 j 12:43	18°♏58'06	1°52'33
	-5097 Dec 23 j 08:02	0°♐	
evening rise	-5097 Dec 26 j 18:36	6°♐39'27	
asc. node	-5096 Jan 04 j 11:13	22°♐39'22	
	-5096 Jan 09 j 11:08	0°♑	
evening max el	-5096 Jan 12 j 02:08	2°♑54'31	18°38'22
retrograde	-5096 Jan 19 j 22:28	6°♑43'05	
evening set	-5096 Jan 22 j 09:39	6°♑21'54	
inferior conj	-5096 Jan 30 j 00:20	1°♑54'47	3°49'28
minimum elong	-5096 Jan 30 j 03:22	1°♑48'57	3°48'48
	-5096 Feb 01 j 12:07	30°℞♐	
min. Earth dist.	-5096 Feb 02 j 08:34	29°♐22'03	0.58328 AU
morning rise	-5096 Feb 06 j 17:31	26°♐38'53	
direct	-5096 Feb 12 j 16:34	25°♐10'11	
desc. node	-5096 Feb 16 j 18:41	25°♐51'06	
	-5096 Feb 23 j 22:53	0°♑	
morning max el	-5096 Feb 26 j 22:18	2°♑38'34	26°18'15
	-5096 Mar 17 j 12:54	0°♒	
morning set	-5096 Mar 26 j 17:22	17°♒52'19	
asc. node	-5096 Apr 01 j 10:41	0°♓10'07	
	-5096 Apr 01 j 08:50	0°♓	
superior conj	-5096 Apr 02 j 18:37	3°♓04'34	0°13'45
minimum elong	-5096 Apr 02 j 18:01	3°♓01'18	0°13'29
behind sun begin	-5096 Apr 02 j 15:25	2°♓47'05	
behind sun end	-5096 Apr 02 j 20:37	3°♓15'31	
max. Earth dist.	-5096 Apr 03 j 02:35	3°♓48'08	1.32698 AU
evening rise	-5096 Apr 09 j 20:59	18°♓18'40	
	-5096 Apr 15 j 18:09	0°♈	
	-5096 May 05 j 03:37	0°♉	
evening max el	-5096 May 10 j 00:25	5°♉12'56	26°46'28
desc. node	-5096 May 14 j 17:10	9°♉07'14	
retrograde	-5096 May 24 j 01:45	12°♉34'37	
evening set	-5096 May 30 j 16:20	10°♉39'55	
min. Earth dist.	-5096 Jun 03 j 13:54	7°♉57'05	0.60396 AU
inferior conj	-5096 Jun 06 j 22:01	5°♉09'54	-4°-11'-39
minimum elong	-5096 Jun 06 j 21:51	5°♉10'16	4°11'32
morning rise	-5096 Jun 14 j 06:41	0°♉25'58	
direct	-5096 Jun 16 j 18:26	0°♉02'00	
morning max el	-5096 Jun 24 j 00:14	3°♉33'47	18°10'33
asc. node	-5096 Jun 28 j 10:35	8°♉53'12	
morning set	-5096 Jul 09 j 23:45	28°♉49'44	
	-5096 Jul 10 j 14:45	0°♊	
superior conj	-5096 Jul 19 j 20:42	17°♊03'21	1°46'36
minimum elong	-5096 Jul 19 j 22:44	17°♊12'30	1°46'48
	-5096 Jul 27 j 06:57	0°♋	
max. Earth dist.	-5096 Jul 27 j 09:21	0°♋10'08	1.41211 AU
evening rise	-5096 Aug 01 j 19:47	9°♋09'44	
desc. node	-5096 Aug 10 j 15:52	23°♋02'31	
	-5096 Aug 15 j 07:17	0°♌	
greatest brilliancy	-5096 Aug 30 j 14:18	20°♌55'19	-0.3m
evening max el	-5096 Sep 04 j 10:27	26°♌20'36	22°43'06
	-5096 Sep 08 j 15:20	0°♍	
retrograde	-5096 Sep 14 j 06:11	2°♍10'05	
evening set	-5096 Sep 18 j 22:08	0°♍16'29	
	-5096 Sep 19 j 05:51	30°℞♌	
inferior conj	-5096 Sep 24 j 06:12	23°♌57'40	0°-2'-58
minimum elong	-5096 Sep 24 j 06:16	23°♌57'28	0°02'47
transit middle	-5096 Sep 24 j 06:16	23°♌57'28	0°02'47
transit begin	-5096 Sep 24 j 03:36	24°♌06'38	
transit end	-5096 Sep 24 j 08:56	23°♌48'17	
min. Earth dist.	-5096 Sep 24 j 03:51	24°♌05'48	0.67379 AU
asc. node	-5096 Sep 24 j 09:42	23°♌45'35	
morning rise	-5096 Sep 29 j 14:19	17°♌41'35	
direct	-5096 Oct 03 j 23:42	15°♌56'56	
morning max el	-5096 Oct 13 j 05:43	21°♌27'25	22°03'27
greatest brilliancy	-5096 Oct 18 j 01:48	26°♌57'49	-0.4m
	-5096 Oct 20 j 11:06	0°♍	
desc. node	-5096 Nov 06 j 15:53	24°♍41'37	
	-5096 Nov 10 j 02:26	0°♎	
morning set	-5096 Nov 14 j 17:41	7°♎19'34	
max. Earth dist.	-5096 Nov 20 j 22:50	17°♎29'38	1.41305 AU
	-5096 Nov 28 j 05:48	0°♏	
superior conj	-5096 Nov 28 j 15:14	0°♏41'38	-1°-48'-32
minimum elong	-5096 Nov 28 j 12:35	0°♏29'53	1°48'34
evening rise	-5096 Dec 09 j 02:36	19°♏46'25	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5096 Dec 14 j 16:28	0°♐	
asc. node	-5096 Dec 21 j 08:20	10°♐52'12	
evening max el	-5096 Dec 25 j 09:44	15°♐46'52	18°13'34
retrograde	-5095 Jan 01 j 10:15	19°♐19'01	
evening set	-5095 Jan 03 j 23:43	18°♐51'39	
inferior conj	-5095 Jan 11 j 00:23	14°♐02'23	4°06'09
minimum elong	-5095 Jan 11 j 00:28	14°♐02'12	4°05'53
min. Earth dist.	-5095 Jan 14 j 06:23	11°♐10'18	0.60301 AU
morning rise	-5095 Jan 17 j 22:27	8°♐27'01	
direct	-5095 Jan 24 j 16:52	6°♐20'21	
desc. node	-5095 Feb 02 j 15:45	9°♐36'57	
morning max el	-5095 Feb 07 j 20:05	13°♐57'03	27°16'56
	-5095 Feb 20 j 17:46	0°♑	
	-5095 Mar 09 j 18:14	0°♒	
morning set	-5095 Mar 11 j 02:16	2°♒44'21	
max. Earth dist.	-5095 Mar 17 j 16:05	16°♒48'06	1.32632 AU
superior conj	-5095 Mar 18 j 06:19	18°♒05'53	0°-10'-56
minimum elong	-5095 Mar 18 j 06:49	18°♒08'34	0°11'02
behind sun begin	-5095 Mar 18 j 03:12	17°♒48'50	
behind sun end	-5095 Mar 18 j 10:25	18°♒28'19	
asc. node	-5095 Mar 19 j 07:40	20°♒24'27	
	-5095 Mar 23 j 17:53	0°♓	
evening rise	-5095 Mar 25 j 06:49	3°♓15'29	
	-5095 Apr 08 j 19:01	0°♈	
evening max el	-5095 Apr 21 j 22:02	16°♈39'58	25°41'56
desc. node	-5095 May 01 j 14:21	23°♈07'32	
retrograde	-5095 May 06 j 00:17	23°♈53'44	
evening set	-5095 May 11 j 16:16	22°♈37'01	
min. Earth dist.	-5095 May 16 j 10:39	19°♈50'22	0.58386 AU
inferior conj	-5095 May 19 j 17:13	17°♈28'37	-3°-53'-57
minimum elong	-5095 May 19 j 13:48	17°♈34'51	3°53'28
morning rise	-5095 May 27 j 15:20	13°♈06'03	
direct	-5095 May 30 j 02:12	12°♈46'38	
morning max el	-5095 Jun 07 j 06:50	16°♈38'46	18°43'25
asc. node	-5095 Jun 15 j 07:35	27°♈19'54	
	-5095 Jun 16 j 21:08	0°♉	
morning set	-5095 Jun 23 j 15:20	12°♉38'35	
superior conj	-5095 Jul 02 j 11:50	29°♉44'11	1°49'12
minimum elong	-5095 Jul 02 j 11:20	29°♉41'50	1°49'25
	-5095 Jul 02 j 15:12	0°♊	
max. Earth dist.	-5095 Jul 09 j 11:45	12°♊32'10	1.39294 AU
evening rise	-5095 Jul 13 j 15:23	19°♊44'30	
	-5095 Jul 19 j 20:22	0°♋	
desc. node	-5095 Jul 28 j 12:56	13°♋24'29	
	-5095 Aug 09 j 11:38	0°♌	
evening max el	-5095 Aug 17 j 22:37	9°♌46'49	24°04'05
retrograde	-5095 Aug 28 j 21:09	16°♌13'08	
evening set	-5095 Sep 03 j 04:01	13°♌59'23	
min. Earth dist.	-5095 Sep 07 j 23:37	8°♌22'45	0.67276 AU
inferior conj	-5095 Sep 08 j 12:22	7°♌39'32	0°-55'-55
minimum elong	-5095 Sep 08 j 13:39	7°♌35'11	0°55'10
asc. node	-5095 Sep 11 j 06:51	4°♌05'06	
morning rise	-5095 Sep 13 j 23:27	1°♌28'53	
direct	-5095 Sep 17 j 19:59	0°♌04'16	
morning max el	-5095 Sep 26 j 00:47	4°♌53'23	20°45'49
greatest brilliancy	-5095 Oct 02 j 01:28	12°♌03'53	-0.5m
	-5095 Oct 14 j 14:16	0°♍	
morning set	-5095 Oct 24 j 21:14	15°♍43'22	
desc. node	-5095 Oct 24 j 12:46	15°♍10'29	
	-5095 Nov 02 j 21:27	0°♎	
max. Earth dist.	-5095 Nov 03 j 05:37	0°♎33'03	1.43040 AU
superior conj	-5095 Nov 09 j 17:17	11°♎13'50	-1°-30'-25
minimum elong	-5095 Nov 09 j 11:24	10°♎49'15	1°29'58
	-5095 Nov 20 j 14:34	0°♏	
evening rise	-5095 Nov 21 j 19:52	2°♏09'28	
asc. node	-5095 Dec 08 j 05:28	28°♏14'28	
evening max el	-5095 Dec 08 j 21:17	28°♏55'47	18°08'22
	-5095 Dec 10 j 00:53	0°♐	
retrograde	-5095 Dec 15 j 12:14	2°♐24'43	
evening set	-5095 Dec 18 j 04:16	1°♐50'14	
	-5095 Dec 21 j 03:08	30°℞♏	
inferior conj	-5095 Dec 24 j 17:23	26°♏39'08	3°57'28
minimum elong	-5095 Dec 24 j 15:18	26°♏44'26	3°57'02
min. Earth dist.	-5095 Dec 27 j 12:22	23°♏50'18	0.62229 AU
morning rise	-5095 Dec 31 j 00:18	20°♏49'09	
direct	-5094 Jan 07 j 01:58	18°♏14'23	
desc. node	-5094 Jan 20 j 12:46	25°♏28'07	
morning max el	-5094 Jan 21 j 00:05	25°♏55'29	27°41'01
	-5094 Jan 24 j 20:01	0°♐	
	-5094 Feb 14 j 04:20	0°♑	
morning set	-5094 Feb 23 j 06:26	17°♑18'48	
max. Earth dist.	-5094 Mar 01 j 02:41	29°♑34'24	1.32909 AU
	-5094 Mar 01 j 07:26	0°♒	
superior conj	-5094 Mar 02 j 16:38	2°♒59'24	0°-35'-31
minimum elong	-5094 Mar 02 j 18:12	3°♒07'50	0°35'28
asc. node	-5094 Mar 06 j 04:39	10°♒35'18	
evening rise	-5094 Mar 09 j 18:15	18°♒13'09	
	-5094 Mar 15 j 14:47	0°♓	
evening max el	-5094 Apr 03 j 14:47	27°♓33'41	24°15'56
	-5094 Apr 06 j 09:48	0°♈	
retrograde	-5094 Apr 17 j 11:09	4°♈30'50	
desc. node	-5094 Apr 18 j 11:30	4°♈28'29	
evening set	-5094 Apr 21 j 20:38	3°♈47'40	
min. Earth dist.	-5094 Apr 28 j 02:43	0°♈43'16	0.56638 AU
	-5094 Apr 29 j 06:28	30°℞♓	
inferior conj	-5094 Apr 30 j 16:21	29°♓06'18	-3°00'-42
minimum elong	-5094 Apr 30 j 10:48	29°♓15'05	2°59'24
morning rise	-5094 May 09 j 04:59	25°♓01'37	
direct	-5094 May 11 j 15:21	24°♓45'42	
morning max el	-5094 May 21 j 05:18	29°♓13'03	19°36'42
	-5094 May 22 j 00:40	0°♈	
asc. node	-5094 Jun 02 j 04:33	16°♈22'17	
morning set	-5094 Jun 07 j 15:39	26°♈56'35	
	-5094 Jun 09 j 04:10	0°♉	
superior conj	-5094 Jun 15 j 18:53	13°♉15'14	1°42'41
minimum elong	-5094 Jun 15 j 16:49	13°♉05'03	1°42'43
max. Earth dist.	-5094 Jun 21 j 14:05	24°♉23'52	1.37399 AU
	-5094 Jun 24 j 15:16	0°♊	
evening rise	-5094 Jun 25 j 12:28	1°♊35'18	
	-5094 Jul 13 j 00:05	0°♋	
desc. node	-5094 Jul 15 j 09:59	3°♋29'20	
evening max el	-5094 Jul 31 j 09:05	23°♋15'37	25°20'46
	-5094 Aug 10 j 13:37	0°♌	
retrograde	-5094 Aug 12 j 08:04	0°♌11'50	
	-5094 Aug 14 j 00:53	30°℞♋	
evening set	-5094 Aug 18 j 06:06	27°♋40'06	
min. Earth dist.	-5094 Aug 22 j 16:33	22°♋40'24	0.66853 AU
inferior conj	-5094 Aug 23 j 16:30	21°♋22'16	-1°-47'-11
minimum elong	-5094 Aug 23 j 18:53	21°♋14'28	1°46'01
morning rise	-5094 Aug 29 j 08:10	15°♋20'20	
asc. node	-5094 Aug 29 j 03:58	15°♋27'26	
direct	-5094 Sep 01 j 17:54	14°♋13'06	
morning max el	-5094 Sep 09 j 03:05	18°♋28'20	19°40'14
greatest brilliancy	-5094 Sep 17 j 14:35	29°♋17'25	-0.7m
	-5094 Sep 18 j 02:23	0°♌	
morning set	-5094 Oct 03 j 21:49	24°♌05'43	
	-5094 Oct 07 j 16:46	0°♍	
desc. node	-5094 Oct 11 j 09:40	5°♍47'56	
max. Earth dist.	-5094 Oct 16 j 18:59	14°♍18'19	1.44240 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5094 Oct 20 j 15:40	20°♍28'20	0°-56'-5
minimum elong	-5094 Oct 20 j 09:34	20°♍03'53	0°55'19
	-5094 Oct 26 j 12:36	0°♎	
evening rise	-5094 Nov 03 j 17:46	13°♎39'26	
	-5094 Nov 13 j 13:06	0°♏	
evening max el	-5094 Nov 22 j 10:03	12°♏15'21	18°22'05
asc. node	-5094 Nov 25 j 02:35	14°♏32'22	
retrograde	-5094 Nov 29 j 00:00	15°♏51'45	
evening set	-5094 Dec 01 j 19:50	15°♏08'44	
inferior conj	-5094 Dec 07 j 23:39	9°♏38'11	3°31'35
minimum elong	-5094 Dec 07 j 20:32	9°♏47'00	3°30'47
min. Earth dist.	-5094 Dec 10 j 04:26	7°♏09'31	0.63914 AU
morning rise	-5094 Dec 13 j 19:45	3°♏36'55	
direct	-5094 Dec 20 j 18:41	0°♏48'32	
morning max el	-5093 Jan 03 j 08:27	8°♏29'56	27°29'14
desc. node	-5093 Jan 07 j 09:47	12°♏50'41	
	-5093 Jan 20 j 03:25	0°♐	
	-5093 Feb 06 j 09:33	0°♑	
morning set	-5093 Feb 07 j 03:16	1°♑27'13	
max. Earth dist.	-5093 Feb 12 j 06:24	11°♑54'01	1.33571 AU
superior conj	-5093 Feb 14 j 23:49	17°♑39'22	0°-59'-5
minimum elong	-5093 Feb 15 j 02:16	17°♑52'21	0°58'57
	-5093 Feb 20 j 18:21	0°♒	
asc. node	-5093 Feb 21 j 01:38	0°♒38'34	
evening rise	-5093 Feb 22 j 05:32	3°♒05'32	
	-5093 Mar 09 j 06:31	0°♓	
evening max el	-5093 Mar 16 j 07:43	8°♓17'36	22°41'52
retrograde	-5093 Mar 29 j 09:53	14°♓41'33	
evening set	-5093 Apr 01 j 14:41	14°♓19'06	
desc. node	-5093 Apr 05 j 08:41	13°♓01'29	
min. Earth dist.	-5093 Apr 09 j 17:13	10°♓44'42	0.55496 AU
inferior conj	-5093 Apr 10 j 21:16	10°♓04'25	-1°-29'-10
minimum elong	-5093 Apr 10 j 17:24	10°♓09'59	1°28'03
morning rise	-5093 Apr 19 j 22:33	6°♓06'48	
direct	-5093 Apr 22 j 11:05	5°♓51'55	
morning max el	-5093 May 03 j 17:29	11°♓08'27	20°49'40
	-5093 May 17 j 00:03	0°♈	
asc. node	-5093 May 20 j 01:30	5°♈51'13	
morning set	-5093 May 22 j 21:56	11°♈35'43	
superior conj	-5093 May 30 j 13:15	27°♈22'43	1°29'34
minimum elong	-5093 May 30 j 10:32	27°♈08'52	1°29'23
	-5093 May 31 j 20:08	0°♉	
max. Earth dist.	-5093 Jun 03 j 22:14	6°♉10'10	1.35740 AU
evening rise	-5093 Jun 08 j 06:09	14°♉29'24	
	-5093 Jun 16 j 23:56	0°♊	
desc. node	-5093 Jul 02 j 07:04	23°♊09'07	
	-5093 Jul 07 j 16:02	0°♋	
evening max el	-5093 Jul 13 j 19:45	6°♋44'19	26°25'05
retrograde	-5093 Jul 26 j 14:18	13°♋59'57	
evening set	-5093 Aug 02 j 02:12	11°♋15'51	
min. Earth dist.	-5093 Aug 06 j 04:20	6°♋54'53	0.66083 AU
inferior conj	-5093 Aug 07 j 16:41	5°♋03'06	-2°-34'-57
minimum elong	-5093 Aug 07 j 19:55	4°♋53'12	2°33'38
	-5093 Aug 12 j 10:44	30°℞♊	
morning rise	-5093 Aug 13 j 14:30	29°♊12'56	
asc. node	-5093 Aug 16 j 01:04	28°♊22'00	
direct	-5093 Aug 16 j 15:44	28°♊19'53	
	-5093 Aug 21 j 00:40	0°♋	
morning max el	-5093 Aug 23 j 11:38	2°♋09'44	18°49'25
	-5093 Sep 11 j 13:35	0°♌	
morning set	-5093 Sep 13 j 16:30	3°♌23'13	
desc. node	-5093 Sep 28 j 06:32	26°♌29'54	
superior conj	-5093 Sep 29 j 17:48	28°♌48'53	0°-9'-14
minimum elong	-5093 Sep 29 j 16:36	28°♌44'10	0°08'56
behind sun begin	-5093 Sep 29 j 06:56	28°♌06'01	
behind sun end	-5093 Sep 30 j 02:17	29°♌22'21	
max. Earth dist.	-5093 Sep 29 j 11:47	28°♌25'09	1.44767 AU
	-5093 Sep 30 j 11:50	0°♍	
evening rise	-5093 Oct 15 j 15:38	24°♍05'38	
	-5093 Oct 19 j 07:48	0°♎	
evening max el	-5093 Nov 05 j 21:23	25°♎40'15	18°53'45
asc. node	-5093 Nov 11 j 23:45	29°♎29'57	
retrograde	-5093 Nov 12 j 17:39	29°♎33'05	
evening set	-5093 Nov 15 j 19:12	28°♎39'19	
inferior conj	-5093 Nov 21 j 15:40	22°♎52'23	2°54'18
minimum elong	-5093 Nov 21 j 12:27	23°♎02'18	2°53'16
min. Earth dist.	-5093 Nov 23 j 06:15	20°♎54'00	0.65265 AU
morning rise	-5093 Nov 27 j 04:38	16°♎42'50	
direct	-5093 Dec 03 j 18:04	13°♎55'00	
morning max el	-5093 Dec 16 j 18:12	21°♎27'52	26°46'02
	-5093 Dec 24 j 06:22	0°♏	
desc. node	-5093 Dec 25 j 06:45	1°♏17'38	
	-5092 Jan 13 j 06:57	0°♐	
morning set	-5092 Jan 21 j 13:23	14°♐58'51	
max. Earth dist.	-5092 Jan 25 j 23:40	23°♐38'30	1.34662 AU
	-5092 Jan 29 j 02:43	0°♑	
superior conj	-5092 Jan 30 j 01:48	1°♑59'23	-1°-20'-23
minimum elong	-5092 Jan 30 j 04:45	2°♑14'37	1°20'17
evening rise	-5092 Feb 06 j 14:57	17°♑46'56	
asc. node	-5092 Feb 07 j 22:39	20°♑29'53	
	-5092 Feb 12 j 19:05	0°♒	
evening max el	-5092 Feb 26 j 07:08	19°♒19'12	21°12'58
retrograde	-5092 Mar 09 j 00:09	24°♒54'15	
evening set	-5092 Mar 11 j 12:37	24°♒39'39	
inferior conj	-5092 Mar 20 j 17:06	20°♒40'48	0°25'13
minimum elong	-5092 Mar 20 j 18:15	20°♒39'10	0°24'38
min. Earth dist.	-5092 Mar 21 j 07:41	20°♒20'06	0.55224 AU
desc. node	-5092 Mar 22 j 05:51	19°♒48'53	
morning rise	-5092 Mar 29 j 23:14	16°♒32'59	
direct	-5092 Apr 01 j 23:30	16°♒13'06	
morning max el	-5092 Apr 14 j 18:55	22°♒23'12	22°19'05
	-5092 Apr 21 j 08:48	0°♓	
asc. node	-5092 May 05 j 22:27	25°♓39'49	
morning set	-5092 May 06 j 08:04	26°♓29'45	
	-5092 May 08 j 00:15	0°♈	
superior conj	-5092 May 13 j 15:28	11°♈56'12	1°11'48
minimum elong	-5092 May 13 j 12:50	11°♈42'19	1°11'27
max. Earth dist.	-5092 May 16 j 16:16	18°♈15'39	1.34431 AU
evening rise	-5092 May 21 j 15:10	28°♈11'55	
	-5092 May 22 j 13:30	0°♉	
	-5092 Jun 09 j 04:44	0°♊	
desc. node	-5092 Jun 18 j 04:11	12°♊13'15	
evening max el	-5092 Jun 25 j 07:04	20°♊06'24	27°08'56
retrograde	-5092 Jul 08 j 15:22	27°♊30'32	
evening set	-5092 Jul 15 j 13:45	24°♊43'33	
min. Earth dist.	-5092 Jul 19 j 08:49	21°♊00'35	0.64939 AU
inferior conj	-5092 Jul 21 j 10:48	18°♊38'55	-3°-16'-56
minimum elong	-5092 Jul 21 j 14:21	18°♊28'50	3°15'48
morning rise	-5092 Jul 27 j 16:19	13°♊03'38	
direct	-5092 Jul 30 j 11:23	12°♊21'34	
asc. node	-5092 Aug 01 j 22:09	12°♊53'27	
morning max el	-5092 Aug 06 j 00:27	15°♊54'22	18°15'10
	-5092 Aug 16 j 03:16	0°♋	
morning set	-5092 Aug 24 j 14:09	13°♋58'48	
	-5092 Sep 03 j 08:05	0°♌	
superior conj	-5092 Sep 07 j 20:19	7°♌14'59	0°38'57
minimum elong	-5092 Sep 08 j 00:51	7°♌33'06	0°38'37
max. Earth dist.	-5092 Sep 11 j 05:17	12°♌36'49	1.44574 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-5092 Sep 14 j 03:26	17°♌13'38	
	-5092 Sep 22 j 07:17	0°♍	
evening rise	-5092 Sep 24 j 12:35	3°♍27'30	
greatest brilliancy	-5092 Oct 10 j 23:20	28°♍33'50	-0.7m
	-5092 Oct 11 j 23:26	0°♎	
evening max el	-5092 Oct 19 j 05:00	9°♎07'04	19°41'46
retrograde	-5092 Oct 26 j 14:08	13°♎24'21	
asc. node	-5092 Oct 28 j 20:56	12°♎54'03	
evening set	-5092 Oct 29 j 23:39	12°♎17'05	
inferior conj	-5092 Nov 04 j 14:33	6°♎16'56	2°09'28
minimum elong	-5092 Nov 04 j 11:51	6°♎25'44	2°08'29
min. Earth dist.	-5092 Nov 05 j 16:09	4°♎53'23	0.66270 AU
morning rise	-5092 Nov 09 j 23:20	0°♎01'54	
	-5092 Nov 10 j 00:12	30°℞♍	
direct	-5092 Nov 15 j 23:15	27°♍25'42	
	-5092 Nov 22 j 18:20	0°♎	
morning max el	-5092 Nov 28 j 03:20	4°♎37'03	25°39'09
desc. node	-5092 Dec 11 j 03:41	20°♎29'42	
	-5092 Dec 17 j 17:05	0°♏	
morning set	-5091 Jan 03 j 08:06	27°♏39'07	
	-5091 Jan 04 j 14:47	0°♐	
max. Earth dist.	-5091 Jan 07 j 05:15	4°♐52'50	1.36203 AU
superior conj	-5091 Jan 12 j 19:53	15°♐50'38	-1°-37'-53
minimum elong	-5091 Jan 12 j 22:40	16°♐04'36	1°37'55
	-5091 Jan 19 j 18:52	0°♑	
evening rise	-5091 Jan 20 j 20:33	2°♑10'37	
asc. node	-5091 Jan 24 j 19:42	10°♑03'24	
	-5091 Feb 06 j 19:02	0°♒	
evening max el	-5091 Feb 07 j 16:28	0°♒52'58	19°58'02
retrograde	-5091 Feb 17 j 16:56	5°♒37'17	
evening set	-5091 Feb 20 j 01:39	5°♒22'40	
inferior conj	-5091 Feb 28 j 17:33	1°♒21'58	2°11'25
minimum elong	-5091 Feb 28 j 22:25	1°♒14'30	2°09'45
	-5091 Mar 02 j 23:13	30°℞♑	
min. Earth dist.	-5091 Mar 02 j 21:57	0°♒01'54	0.55881 AU
desc. node	-5091 Mar 09 j 03:01	26°♑59'46	
morning rise	-5091 Mar 09 j 16:12	26°♑49'33	
direct	-5091 Mar 13 j 17:08	26°♑13'28	
	-5091 Mar 23 j 19:37	0°♒	
morning max el	-5091 Mar 27 j 12:06	3°♒06'19	23°57'24
	-5091 Apr 15 j 02:11	0°♓	
morning set	-5091 Apr 20 j 20:06	11°♓31'18	
asc. node	-5091 Apr 22 j 19:23	15°♓41'29	
superior conj	-5091 Apr 27 j 22:51	26°♓46'00	0°50'48
minimum elong	-5091 Apr 27 j 20:46	26°♓34'52	0°50'23
	-5091 Apr 29 j 11:02	0°♈	
max. Earth dist.	-5091 Apr 29 j 19:55	0°♈47'21	1.33489 AU
evening rise	-5091 May 05 j 10:58	12°♈27'57	
	-5091 May 14 j 18:56	0°♉	
	-5091 Jun 04 j 15:51	0°♊	
desc. node	-5091 Jun 05 j 01:22	0°♊25'50	
evening max el	-5091 Jun 07 j 17:25	3°♊09'11	27°25'29
retrograde	-5091 Jun 21 j 10:26	10°♊34'23	
evening set	-5091 Jun 28 j 13:25	7°♊56'59	
min. Earth dist.	-5091 Jul 02 j 04:06	4°♊47'03	0.63412 AU
inferior conj	-5091 Jul 04 j 20:08	2°♊03'30	-3°-50'-1
minimum elong	-5091 Jul 04 j 23:11	1°♊55'41	3°49'19
	-5091 Jul 06 j 21:58	30°℞♉	
morning rise	-5091 Jul 11 j 10:54	26°♉46'17	
direct	-5091 Jul 14 j 01:58	26°♉12'34	
asc. node	-5091 Jul 19 j 19:12	28°♉50'13	
morning max el	-5091 Jul 20 j 15:05	29°♉36'55	17°58'41
	-5091 Jul 21 j 00:11	0°♊	
morning set	-5091 Aug 06 j 12:51	25°♊45'55	
	-5091 Aug 08 j 23:13	0°♋	

superior conj	-5091 Aug 18 j 19:26	16°♋43'21	1°16'49
minimum elong	-5091 Aug 19 j 01:21	17°♋07'49	1°16'30
max. Earth dist.	-5091 Aug 24 j 20:53	26°♋36'53	1.43686 AU
	-5091 Aug 26 j 23:38	0°♌	
desc. node	-5091 Sep 01 j 00:24	7°♌56'16	
evening rise	-5091 Sep 03 j 17:22	12°♌08'50	
	-5091 Sep 15 j 11:28	0°♍	
greatest brilliancy	-5091 Sep 26 j 08:32	15°♍28'33	-0.5m
evening max el	-5091 Oct 02 j 07:05	22°♍33'40	20°44'01
retrograde	-5091 Oct 10 j 11:12	27°♍22'51	
evening set	-5091 Oct 14 j 06:56	25°♍59'12	
asc. node	-5091 Oct 15 j 18:07	24°♍43'01	
inferior conj	-5091 Oct 19 j 17:55	19°♍49'02	1°19'53
minimum elong	-5091 Oct 19 j 16:08	19°♍55'05	1°19'14
min. Earth dist.	-5091 Oct 20 j 07:54	19°♍01'35	0.66942 AU
morning rise	-5091 Oct 25 j 00:54	13°♍31'20	
direct	-5091 Oct 30 j 09:35	11°♍13'36	
morning max el	-5091 Nov 10 j 12:08	17°♍50'58	24°17'58
	-5091 Nov 20 j 16:41	0°♎	
desc. node	-5091 Nov 28 j 00:35	10°♎13'50	
	-5091 Dec 10 j 18:47	0°♏	
morning set	-5091 Dec 16 j 05:41	9°♏12'21	
max. Earth dist.	-5091 Dec 20 j 02:58	16°♏04'05	1.38108 AU
superior conj	-5091 Dec 27 j 02:35	29°♏03'16	-1°-49'-28
minimum elong	-5091 Dec 27 j 04:14	29°♏11'11	1°49'38
	-5091 Dec 27 j 14:24	0°♐	
evening rise	-5090 Jan 04 j 20:04	16°♐10'27	
asc. node	-5090 Jan 11 j 16:48	29°♐12'35	
	-5090 Jan 12 j 03:34	0°♑	
evening max el	-5090 Jan 21 j 11:58	13°♑01'41	19°01'36
retrograde	-5090 Jan 30 j 00:27	17°♑06'25	
evening set	-5090 Feb 01 j 10:28	16°♑48'07	
inferior conj	-5090 Feb 09 j 10:08	12°♑32'09	3°24'44
minimum elong	-5090 Feb 09 j 14:39	12°♑24'11	3°23'35
min. Earth dist.	-5090 Feb 12 j 12:59	10°♑21'24	0.57296 AU
morning rise	-5090 Feb 17 j 15:11	7°♑30'57	
direct	-5090 Feb 22 j 22:24	6°♑24'37	
desc. node	-5090 Feb 24 j 00:09	6°♑27'22	
morning max el	-5090 Mar 09 j 03:00	13°♑43'16	25°31'48
	-5090 Mar 21 j 22:21	0°♒	
morning set	-5090 Apr 05 j 08:18	26°♒34'27	
	-5090 Apr 06 j 23:08	0°♓	
asc. node	-5090 Apr 09 j 16:20	5°♓51'30	
superior conj	-5090 Apr 12 j 09:16	11°♓45'11	0°27'41
minimum elong	-5090 Apr 12 j 08:05	11°♓38'42	0°27'19
max. Earth dist.	-5090 Apr 13 j 06:18	13°♓39'38	1.32895 AU
evening rise	-5090 Apr 19 j 14:11	27°♓06'32	
	-5090 Apr 21 j 00:15	0°♈	
	-5090 May 08 j 05:22	0°♉	
evening max el	-5090 May 21 j 00:05	15°♉39'22	27°10'04
desc. node	-5090 May 22 j 22:34	17°♉25'02	
retrograde	-5090 Jun 03 j 22:42	23°♉02'43	
evening set	-5090 Jun 10 j 21:19	20°♉48'41	
min. Earth dist.	-5090 Jun 14 j 13:25	18°♉00'46	0.61559 AU
inferior conj	-5090 Jun 17 j 17:28	15°♉09'19	-4°-9'-25
minimum elong	-5090 Jun 17 j 18:50	15°♉06'12	4°09'11
morning rise	-5090 Jun 24 j 19:08	10°♉12'58	
direct	-5090 Jun 27 j 07:53	9°♉45'45	
morning max el	-5090 Jul 04 j 04:51	13°♉11'14	18°00'45
asc. node	-5090 Jul 06 j 16:13	15°♉56'37	
	-5090 Jul 15 j 14:38	0°♊	
morning set	-5090 Jul 20 j 07:12	8°♊29'39	
superior conj	-5090 Jul 30 j 22:13	27°♊34'01	1°39'49
minimum elong	-5090 Jul 31 j 01:57	27°♊50'16	1°39'51

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5090 Aug 01 j 07:55	0°♋	
max. Earth dist.	-5090 Aug 07 j 07:28	10°♋05'57	1.42225 AU
evening rise	-5090 Aug 14 j 00:58	20°♋59'19	
desc. node	-5090 Aug 18 j 21:24	28°♋34'03	
	-5090 Aug 19 j 19:46	0°♌	
	-5090 Sep 09 j 21:29	0°♍	
greatest brilliancy	-5090 Sep 10 j 07:08	0°♍29'56	-0.4m
evening max el	-5090 Sep 15 j 02:43	5°♍58'15	21°57'29
retrograde	-5090 Sep 24 j 07:01	11°♍25'19	
evening set	-5090 Sep 28 j 15:06	9°♍42'53	
asc. node	-5090 Oct 02 j 15:17	5°♍16'59	
inferior conj	-5090 Oct 03 j 23:46	3°♍26'06	0°27'36
minimum elong	-5090 Oct 03 j 23:07	3°♍28'18	0°27'29
min. Earth dist.	-5090 Oct 04 j 03:10	3°♍14'20	0.67302 AU
	-5090 Oct 06 j 13:38	30°℞♌	
morning rise	-5090 Oct 09 j 06:57	27°♌08'35	
direct	-5090 Oct 14 j 00:25	25°♌12'03	
	-5090 Oct 22 j 19:07	0°♍	
morning max el	-5090 Oct 23 j 22:42	1°♍07'40	22°51'53
greatest brilliancy	-5090 Oct 28 j 18:39	6°♍33'58	-0.3m
desc. node	-5090 Nov 14 j 21:29	0°♎20'13	
	-5090 Nov 14 j 16:06	0°♎	
morning set	-5090 Nov 27 j 00:23	19°♎24'32	
max. Earth dist.	-5090 Dec 01 j 23:54	27°♎45'45	1.40165 AU
	-5090 Dec 03 j 07:07	0°♏	
superior conj	-5090 Dec 09 j 17:11	11°♏24'07	-1°-52'-15
minimum elong	-5090 Dec 09 j 16:25	11°♏20'39	1°52'26
evening rise	-5090 Dec 19 j 10:41	29°♏38'51	
	-5090 Dec 19 j 15:08	0°♐	
asc. node	-5090 Dec 29 j 13:55	17°♐48'45	
evening max el	-5089 Jan 04 j 15:47	25°♐39'43	18°25'15
retrograde	-5089 Jan 12 j 02:31	29°♐19'57	
evening set	-5089 Jan 14 j 14:33	28°♐56'19	
inferior conj	-5089 Jan 21 j 22:58	24°♐19'35	4°00'13
minimum elong	-5089 Jan 22 j 00:43	24°♐15'59	3°59'49
min. Earth dist.	-5089 Jan 25 j 07:34	21°♐35'47	0.59157 AU
morning rise	-5089 Jan 29 j 07:37	18°♐54'23	
direct	-5089 Feb 04 j 16:05	17°♐09'13	
desc. node	-5089 Feb 10 j 21:14	18°♐44'04	
morning max el	-5089 Feb 18 j 21:32	24°♐41'51	26°47'10
	-5089 Feb 23 j 18:49	0°♑	
	-5089 Mar 15 j 00:17	0°♒	
morning set	-5089 Mar 20 j 18:57	11°♒32'43	
superior conj	-5089 Mar 27 j 20:59	26°♒47'32	0°03'20
minimum elong	-5089 Mar 27 j 20:50	26°♒46'46	0°03'07
behind sun begin	-5089 Mar 27 j 15:56	26°♒19'53	
behind sun end	-5089 Mar 28 j 01:45	27°♒13'39	
asc. node	-5089 Mar 27 j 13:19	26°♒05'34	
max. Earth dist.	-5089 Mar 27 j 19:42	26°♒40'31	1.32628 AU
	-5089 Mar 29 j 08:11	0°♓	
evening rise	-5089 Apr 03 j 22:12	11°♓58'48	
	-5089 Apr 13 j 05:19	0°♈	
evening max el	-5089 May 03 j 01:00	27°♈29'05	26°22'16
	-5089 May 05 j 21:28	0°♉	
desc. node	-5089 May 09 j 19:45	2°♉41'19	
retrograde	-5089 May 17 j 03:08	4°♉48'40	
evening set	-5089 May 23 j 09:39	3°♉09'30	
min. Earth dist.	-5089 May 27 j 13:56	0°♉27'19	0.59525 AU
	-5089 May 28 j 04:19	30°℞♈	
inferior conj	-5089 May 30 j 23:12	27°♈47'58	-4°-7'-57
minimum elong	-5089 May 30 j 21:41	27°♈50'59	4°07'46
morning rise	-5089 Jun 07 j 13:27	23°♈13'43	
direct	-5089 Jun 10 j 00:48	22°♈51'50	
morning max el	-5089 Jun 17 j 15:00	26°♈30'18	18°22'10
	-5089 Jun 20 j 17:46	0°♉	
asc. node	-5089 Jun 23 j 13:12	3°♉58'02	
morning set	-5089 Jul 03 j 16:14	21°♉57'55	
	-5089 Jul 07 j 21:32	0°♊	
superior conj	-5089 Jul 13 j 01:47	9°♊39'48	1°49'01
minimum elong	-5089 Jul 13 j 02:38	9°♊43'44	1°49'15
max. Earth dist.	-5089 Jul 20 j 11:54	22°♊51'26	1.40398 AU
	-5089 Jul 24 j 17:19	0°♋	
evening rise	-5089 Jul 25 j 05:16	0°♋49'30	
desc. node	-5089 Aug 05 j 18:26	19°♋03'23	
	-5089 Aug 13 j 06:06	0°♌	
greatest brilliancy	-5089 Aug 22 j 14:43	12°♌29'18	-0.2m
evening max el	-5089 Aug 28 j 16:50	19°♌22'54	23°17'32
retrograde	-5089 Sep 08 j 00:13	25°♌29'17	
evening set	-5089 Sep 12 j 22:21	23°♌26'55	
inferior conj	-5089 Sep 18 j 06:19	17°♌06'58	0°-25'-32
minimum elong	-5089 Sep 18 j 06:54	17°♌04'58	0°25'06
min. Earth dist.	-5089 Sep 17 j 23:31	17°♌30'19	0.67367 AU
asc. node	-5089 Sep 19 j 12:24	15°♌24'37	
morning rise	-5089 Sep 23 j 15:29	10°♌52'46	
direct	-5089 Sep 27 j 19:03	9°♌17'07	
morning max el	-5089 Oct 06 j 14:01	14°♌29'46	21°29'14
greatest brilliancy	-5089 Oct 11 j 19:04	20°♌31'17	-0.4m
	-5089 Oct 18 j 19:34	0°♍	
desc. node	-5089 Nov 01 j 18:22	20°♍42'32	
morning set	-5089 Nov 06 j 15:27	28°♍18'48	
	-5089 Nov 07 j 17:01	0°♎	
max. Earth dist.	-5089 Nov 14 j 01:55	10°♎17'26	1.42094 AU
superior conj	-5089 Nov 21 j 10:08	22°♎39'47	-1°-42'-47
minimum elong	-5089 Nov 21 j 05:59	22°♎21'54	1°42'38
	-5089 Nov 25 j 14:47	0°♏	
evening rise	-5089 Dec 02 j 12:58	12°♏28'27	
	-5089 Dec 12 j 12:44	0°♐	
asc. node	-5089 Dec 16 j 11:01	5°♐41'51	
evening max el	-5089 Dec 19 j 01:22	8°♐40'01	18°08'56
retrograde	-5089 Dec 25 j 20:51	12°♐09'31	
evening set	-5089 Dec 28 j 11:10	11°♐39'26	
inferior conj	-5088 Jan 04 j 06:41	6°♐40'53	4°05'00
minimum elong	-5088 Jan 04 j 05:42	6°♐43'12	4°04'43
min. Earth dist.	-5088 Jan 07 j 08:48	3°♐47'17	0.61141 AU
morning rise	-5088 Jan 10 j 21:43	0°♐58'28	
	-5088 Jan 12 j 13:13	30°℞♏	
direct	-5088 Jan 17 j 20:33	28°♏37'59	
	-5088 Jan 23 j 10:29	0°♐	
desc. node	-5088 Jan 28 j 18:17	3°♐27'42	
morning max el	-5088 Jan 31 j 22:12	6°♐17'56	27°31'34
	-5088 Feb 18 j 19:47	0°♑	
morning set	-5088 Mar 04 j 02:06	26°♑18'30	
	-5088 Mar 05 j 20:44	0°♒	
max. Earth dist.	-5088 Mar 10 j 08:17	9°♒35'51	1.32700 AU
superior conj	-5088 Mar 11 j 08:18	11°♒46'32	0°-21'-26
minimum elong	-5088 Mar 11 j 09:15	11°♒51'44	0°21'29
asc. node	-5088 Mar 13 j 10:16	16°♒19'06	
evening rise	-5088 Mar 18 j 08:54	26°♒56'44	
	-5088 Mar 19 j 20:06	0°♓	
	-5088 Apr 06 j 07:23	0°♈	
evening max el	-5088 Apr 13 j 20:02	8°♈39'51	25°07'17
desc. node	-5088 Apr 25 j 16:56	15°♈37'42	
retrograde	-5088 Apr 27 j 21:26	15°♈48'57	
evening set	-5088 May 03 j 00:41	14°♈47'47	
min. Earth dist.	-5088 May 08 j 08:31	11°♈54'51	0.57580 AU
inferior conj	-5088 May 11 j 10:00	9°♈49'57	-3°-36'-9
minimum elong	-5088 May 11 j 05:22	9°♈57'53	3°35'20
morning rise	-5088 May 19 j 14:16	5°♈35'52	
direct	-5088 May 22 j 00:35	5°♈18'17	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning max el	-5088 May 30 j 18:32	9°♈23'55	19°03'37
asc. node	-5088 Jun 09 j 10:10	22°♈41'12	
	-5088 Jun 13 j 09:49	0°♉	
morning set	-5088 Jun 16 j 11:53	5°♉59'59	
superior conj	-5088 Jun 25 j 00:19	22°♉43'48	1°47'23
minimum elong	-5088 Jun 24 j 23:01	22°♉37'37	1°47'33
	-5088 Jun 28 j 20:31	0°♊	
max. Earth dist.	-5088 Jul 01 j 13:01	4°♊55'52	1.38464 AU
evening rise	-5088 Jul 05 j 12:08	11°♊57'46	
	-5088 Jul 16 j 11:18	0°♋	
desc. node	-5088 Jul 22 j 15:28	9°♋18'47	
	-5088 Aug 07 j 11:10	0°♌	
evening max el	-5088 Aug 10 j 03:54	2°♌49'56	24°37'46
retrograde	-5088 Aug 21 j 13:38	9°♌30'43	
evening set	-5088 Aug 27 j 02:51	7°♌09'03	
inferior conj	-5088 Sep 01 j 11:49	0°♌49'31	-1°-17'-58
minimum elong	-5088 Sep 01 j 13:36	0°♌43'35	1°17'01
min. Earth dist.	-5088 Aug 31 j 18:29	1°♌47'32	0.67130 AU
	-5088 Sep 02 j 02:40	30°℞♋	
asc. node	-5088 Sep 05 j 09:31	26°♋05'11	
morning rise	-5088 Sep 07 j 00:38	24°♋41'55	
direct	-5088 Sep 10 j 16:15	23°♋25'02	
morning max el	-5088 Sep 18 j 12:04	27°♋59'12	20°16'12
	-5088 Sep 20 j 08:23	0°♌	
greatest brilliancy	-5088 Sep 25 j 09:18	6°♌24'09	-0.6m
	-5088 Oct 11 j 08:42	0°♍	
morning set	-5088 Oct 15 j 14:43	6°♍33'19	
desc. node	-5088 Oct 18 j 15:16	11°♍15'39	
max. Earth dist.	-5088 Oct 26 j 11:09	23°♍38'36	1.43621 AU
	-5088 Oct 30 j 09:32	0°♎	
superior conj	-5088 Nov 01 j 00:24	2°♎38'58	-1°-17'-49
minimum elong	-5088 Oct 31 j 17:51	2°♎12'05	1°17'10
evening rise	-5088 Nov 13 j 22:35	24°♎30'18	
	-5088 Nov 17 j 02:41	0°♏	
evening max el	-5088 Dec 01 j 13:52	21°♏55'16	18°12'01
asc. node	-5088 Dec 02 j 08:09	22°♏39'20	
retrograde	-5088 Dec 08 j 03:24	25°♏25'56	
evening set	-5088 Dec 10 j 20:53	24°♏48'04	
inferior conj	-5088 Dec 17 j 05:48	19°♏28'41	3°48'12
minimum elong	-5088 Dec 17 j 03:09	19°♏35'45	3°47'36
min. Earth dist.	-5088 Dec 19 j 19:02	16°♏46'34	0.62984 AU
morning rise	-5088 Dec 23 j 07:39	13°♏33'42	
direct	-5088 Dec 30 j 09:23	10°♏50'56	
morning max el	-5087 Jan 13 j 04:13	18°♏33'04	27°40'08
desc. node	-5087 Jan 14 j 15:18	20°♏02'10	
	-5087 Jan 22 j 22:04	0°♐	
	-5087 Feb 10 j 14:34	0°♑	
morning set	-5087 Feb 16 j 03:32	10°♑43'55	
max. Earth dist.	-5087 Feb 21 j 16:18	22°♑12'23	1.33141 AU
superior conj	-5087 Feb 23 j 17:34	26°♑36'14	0°-45'-42
minimum elong	-5087 Feb 23 j 19:32	26°♑46'47	0°45'36
	-5087 Feb 25 j 07:20	0°♒	
asc. node	-5087 Feb 28 j 07:16	6°♒28'04	
evening rise	-5087 Mar 02 j 20:31	11°♒53'52	
	-5087 Mar 12 j 04:36	0°♓	
evening max el	-5087 Mar 26 j 12:22	19°♓27'36	23°36'08
retrograde	-5087 Apr 09 j 02:57	26°♓12'19	
evening set	-5087 Apr 12 j 23:03	25°♓39'58	
desc. node	-5087 Apr 12 j 14:04	25°♓45'52	
min. Earth dist.	-5087 Apr 19 j 23:58	22°♓24'18	0.56063 AU
inferior conj	-5087 Apr 22 j 00:52	21°♓10'50	-2°-26'-12
minimum elong	-5087 Apr 21 j 19:28	21°♓18'59	2°24'45
morning rise	-5087 Apr 30 j 19:19	17°♓10'26	
direct	-5087 May 03 j 05:59	16°♓55'21	
morning max el	-5087 May 13 j 12:47	21°♓42'41	20°05'20
	-5087 May 20 j 08:00	0°♈	
asc. node	-5087 May 27 j 07:09	11°♈56'13	
morning set	-5087 May 31 j 15:04	20°♈28'04	
	-5087 Jun 05 j 07:16	0°♉	
superior conj	-5087 Jun 08 j 12:40	6°♉31'43	1°37'47
minimum elong	-5087 Jun 08 j 10:13	6°♉19'30	1°37'44
max. Earth dist.	-5087 Jun 13 j 17:11	16°♉42'04	1.36663 AU
evening rise	-5087 Jun 17 j 18:44	24°♉17'49	
	-5087 Jun 20 j 23:07	0°♊	
desc. node	-5087 Jul 09 j 12:31	29°♊13'52	
	-5087 Jul 10 j 01:49	0°♋	
evening max el	-5087 Jul 23 j 14:30	16°♋19'55	25°50'14
retrograde	-5087 Aug 04 j 22:30	23°♋25'13	
evening set	-5087 Aug 11 j 02:39	20°♋47'40	
min. Earth dist.	-5087 Aug 15 j 09:34	16°♋04'07	0.66569 AU
inferior conj	-5087 Aug 16 j 14:31	14°♋31'46	-2°-7'-59
minimum elong	-5087 Aug 16 j 17:19	14°♋22'52	2°06'44
morning rise	-5087 Aug 22 j 08:35	8°♋34'13	
asc. node	-5087 Aug 23 j 06:38	8°♋04'34	
direct	-5087 Aug 25 j 14:30	7°♋33'15	
morning max el	-5087 Sep 01 j 17:06	11°♋36'29	19°16'38
	-5087 Sep 15 j 02:37	0°♌	
morning set	-5087 Sep 24 j 20:57	15°♌13'31	
	-5087 Oct 04 j 06:52	0°♍	
desc. node	-5087 Oct 05 j 12:09	1°♍55'14	
max. Earth dist.	-5087 Oct 09 j 02:28	7°♍35'45	1.44551 AU
superior conj	-5087 Oct 11 j 12:23	11°♍25'09	0°-37'-12
minimum elong	-5087 Oct 11 j 07:50	11°♍07'05	0°36'33
	-5087 Oct 23 j 01:19	0°♎	
evening rise	-5087 Oct 26 j 10:39	5°♎33'46	
	-5087 Nov 10 j 18:48	0°♏	
evening max el	-5087 Nov 15 j 02:24	5°♏18'06	18°33'31
asc. node	-5087 Nov 19 j 05:18	8°♏25'21	
retrograde	-5087 Nov 21 j 18:01	9°♏00'05	
evening set	-5087 Nov 24 j 16:09	8°♏12'38	
inferior conj	-5087 Nov 30 j 16:36	2°♏34'46	3°16'55
minimum elong	-5087 Nov 30 j 13:20	2°♏44'20	3°15'59
min. Earth dist.	-5087 Dec 02 j 15:12	0°♏18'21	0.64532 AU
	-5087 Dec 02 j 21:37	30°℞♎	
morning rise	-5087 Dec 06 j 09:17	26°♎29'58	
direct	-5087 Dec 13 j 04:56	23°♎40'21	
	-5087 Dec 25 j 04:32	0°♏	
morning max el	-5087 Dec 26 j 13:18	1°♏18'34	27°14'21
desc. node	-5086 Jan 01 j 12:18	7°♏54'57	
	-5086 Jan 17 j 00:10	0°♐	
morning set	-5086 Jan 30 j 20:16	24°♐38'15	
	-5086 Feb 02 j 13:15	0°♑	
max. Earth dist.	-5086 Feb 04 j 16:02	4°♑18'19	1.33988 AU
superior conj	-5086 Feb 07 j 22:50	11°♑08'59	-1°-8'-28
minimum elong	-5086 Feb 08 j 01:33	11°♑23'16	1°08'19
evening rise	-5086 Feb 15 j 07:15	26°♑42'51	
asc. node	-5086 Feb 15 j 04:16	26°♑27'17	
	-5086 Feb 16 j 21:24	0°♒	
	-5086 Mar 08 j 00:35	0°♓	
evening max el	-5086 Mar 08 j 07:27	0°♓16'30	22°02'42
retrograde	-5086 Mar 20 j 20:36	6°♓20'20	
evening set	-5086 Mar 23 j 17:00	6°♓02'21	
desc. node	-5086 Mar 30 j 11:15	3°♓21'26	
min. Earth dist.	-5086 Apr 01 j 14:05	2°♓11'07	0.55277 AU
inferior conj	-5086 Apr 02 j 00:22	1°♓56'37	0°-41'-48
minimum elong	-5086 Apr 01 j 22:26	1°♓59'20	0°41'18
	-5086 Apr 05 j 14:26	30°℞♒	
morning rise	-5086 Apr 11 j 05:04	27°♒57'05	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

direct	-5086 Apr 13 j 21:23	27°♒40'56	
	-5086 Apr 21 j 12:47	0°♓	
morning max el	-5086 Apr 25 j 20:10	3°♓19'59	21°25'58
	-5086 May 13 j 09:15	0°♈	
asc. node	-5086 May 14 j 04:06	1°♈34'32	
morning set	-5086 May 15 j 23:16	5°♈14'42	
superior conj	-5086 May 23 j 10:45	20°♈51'29	1°22'29
minimum elong	-5086 May 23 j 08:00	20°♈37'14	1°22'14
max. Earth dist.	-5086 May 27 j 05:43	28°♈36'18	1.35145 AU
	-5086 May 27 j 22:26	0°♉	
evening rise	-5086 May 31 j 19:34	7°♉34'22	
	-5086 Jun 13 j 14:18	0°♊	
desc. node	-5086 Jun 26 j 09:36	18°♊40'04	
evening max el	-5086 Jul 06 j 01:41	29°♊47'37	26°46'41
	-5086 Jul 06 j 06:48	0°♋	
retrograde	-5086 Jul 19 j 02:24	7°♋07'10	
evening set	-5086 Jul 25 j 19:27	4°♋20'28	
	-5086 Jul 29 j 23:54	30°℞♊	
min. Earth dist.	-5086 Jul 29 j 18:25	0°♋16'08	0.65646 AU
inferior conj	-5086 Jul 31 j 12:26	28°♊11'10	-2°-53'-38
minimum elong	-5086 Jul 31 j 15:53	28°♊00'55	2°52'21
morning rise	-5086 Aug 06 j 13:20	22°♊27'03	
direct	-5086 Aug 09 j 11:47	21°♊38'53	
asc. node	-5086 Aug 10 j 03:45	21°♊41'20	
morning max el	-5086 Aug 16 j 03:47	25°♊20'04	18°32'48
	-5086 Aug 20 j 01:29	0°♋	
morning set	-5086 Sep 05 j 02:55	25°♋04'26	
	-5086 Sep 08 j 03:58	0°♌	
superior conj	-5086 Sep 20 j 11:40	19°♌39'27	0°11'53
minimum elong	-5086 Sep 20 j 13:14	19°♌45'36	0°11'52
behind sun begin	-5086 Sep 20 j 05:21	19°♌14'29	
behind sun end	-5086 Sep 20 j 21:07	20°♌16'43	
max. Earth dist.	-5086 Sep 21 j 20:38	21°♌49'32	1.44772 AU
desc. node	-5086 Sep 22 j 09:02	22°♌38'26	
	-5086 Sep 27 j 01:10	0°♍	
evening rise	-5086 Oct 06 j 21:41	15°♍32'20	
	-5086 Oct 16 j 01:50	0°♎	
evening max el	-5086 Oct 29 j 12:26	18°♎44'12	19°12'16
retrograde	-5086 Nov 05 j 13:18	22°♎46'31	
asc. node	-5086 Nov 06 j 02:29	22°♎44'47	
evening set	-5086 Nov 08 j 18:01	21°♎47'12	
inferior conj	-5086 Nov 14 j 11:52	15°♎53'58	2°36'02
minimum elong	-5086 Nov 14 j 08:48	16°♎03'39	2°34'59
min. Earth dist.	-5086 Nov 15 j 20:37	14°♎10'26	0.65731 AU
morning rise	-5086 Nov 19 j 22:44	9°♎41'48	
direct	-5086 Nov 26 j 06:39	6°♎58'11	
morning max el	-5086 Dec 08 j 23:07	14°♎23'12	26°20'05
desc. node	-5086 Dec 19 j 09:17	26°♎43'03	
	-5086 Dec 21 j 19:07	0°♏	
	-5085 Jan 09 j 17:31	0°♐	
morning set	-5085 Jan 14 j 00:29	7°♐49'52	
max. Earth dist.	-5085 Jan 18 j 04:36	15°♐49'49	1.35271 AU
superior conj	-5085 Jan 22 j 21:49	25°♐17'43	-1°-28'-23
minimum elong	-5085 Jan 23 j 00:48	25°♐32'56	1°28'19
	-5085 Jan 25 j 04:38	0°♑	
evening rise	-5085 Jan 30 j 15:19	11°♑17'44	
asc. node	-5085 Feb 02 j 01:19	16°♑11'56	
	-5085 Feb 09 j 13:58	0°♒	
evening max el	-5085 Feb 18 j 10:42	11°♒30'07	20°38'53
retrograde	-5085 Mar 01 j 10:41	16°♒43'23	
evening set	-5085 Mar 03 j 20:26	16°♒29'23	
inferior conj	-5085 Mar 12 j 20:24	12°♒31'18	1°13'10
minimum elong	-5085 Mar 12 j 23:33	12°♒26'42	1°11'54
min. Earth dist.	-5085 Mar 14 j 04:11	11°♒45'10	0.55400 AU
desc. node	-5085 Mar 17 j 08:26	10°♒01'23	
morning rise	-5085 Mar 22 j 00:58	8°♒14'36	
direct	-5085 Mar 25 j 10:10	7°♒49'41	
morning max el	-5085 Apr 07 j 17:37	14°♒19'23	23°00'31
	-5085 Apr 19 j 17:57	0°♓	
morning set	-5085 Apr 30 j 10:25	20°♓12'57	
asc. node	-5085 May 01 j 01:03	21°♓29'28	
	-5085 May 05 j 01:05	0°♈	
superior conj	-5085 May 07 j 15:27	5°♈33'04	1°03'13
minimum elong	-5085 May 07 j 13:01	5°♈20'05	1°02'49
max. Earth dist.	-5085 May 10 j 04:05	10°♈53'05	1.33985 AU
evening rise	-5085 May 15 j 09:37	21°♈32'30	
	-5085 May 19 j 19:27	0°♉	
	-5085 Jun 07 j 10:32	0°♊	
desc. node	-5085 Jun 13 j 06:46	7°♊24'41	
evening max el	-5085 Jun 18 j 12:37	13°♊02'22	27°19'35
retrograde	-5085 Jul 02 j 00:59	20°♊27'56	
evening set	-5085 Jul 09 j 02:24	17°♊42'59	
min. Earth dist.	-5085 Jul 12 j 19:00	14°♊15'23	0.64334 AU
inferior conj	-5085 Jul 15 j 03:09	11°♊42'50	-3°-32'-20
minimum elong	-5085 Jul 15 j 06:37	11°♊33'25	3°31'21
morning rise	-5085 Jul 21 j 12:27	6°♊15'15	
direct	-5085 Jul 24 j 05:34	5°♊37'05	
asc. node	-5085 Jul 28 j 00:49	6°♊51'02	
morning max el	-5085 Jul 30 j 17:46	9°♊05'01	18°06'00
	-5085 Aug 13 j 20:11	0°♋	
morning set	-5085 Aug 17 j 11:45	6°♋11'48	
superior conj	-5085 Aug 30 j 21:10	28°♋27'09	0°56'44
minimum elong	-5085 Aug 31 j 02:53	28°♋50'18	0°56'20
	-5085 Aug 31 j 20:09	0°♌	
max. Earth dist.	-5085 Sep 04 j 13:38	5°♌58'17	1.44270 AU
desc. node	-5085 Sep 09 j 05:57	13°♌22'01	
evening rise	-5085 Sep 16 j 09:56	24°♌31'59	
	-5085 Sep 19 j 22:59	0°♍	
greatest brilliancy	-5085 Oct 05 j 15:41	23°♍23'20	-0.6m
	-5085 Oct 10 j 18:31	0°♎	
evening max el	-5085 Oct 12 j 17:44	2°♎10'20	20°06'38
retrograde	-5085 Oct 20 j 10:24	6°♎40'53	
evening set	-5085 Oct 23 j 23:55	5°♎27'01	
asc. node	-5085 Oct 23 j 23:41	5°♎27'26	
	-5085 Oct 29 j 01:29	30°℞♍	
inferior conj	-5085 Oct 29 j 12:56	29°♍21'58	1°48'53
minimum elong	-5085 Oct 29 j 10:35	29°♍29'46	1°48'01
min. Earth dist.	-5085 Oct 30 j 09:24	28°♍13'46	0.66588 AU
morning rise	-5085 Nov 03 j 20:39	23°♍05'12	
direct	-5085 Nov 09 j 14:02	20°♍36'24	
morning max el	-5085 Nov 21 j 08:09	27°♍35'25	25°05'50
	-5085 Nov 23 j 15:00	0°♎	
desc. node	-5085 Dec 06 j 06:13	16°♎09'54	
	-5085 Dec 15 j 11:53	0°♏	
morning set	-5085 Dec 27 j 11:01	20°♏03'51	
max. Earth dist.	-5085 Dec 31 j 06:05	26°♏58'24	1.36970 AU
	-5084 Jan 01 j 20:52	0°♐	
superior conj	-5084 Jan 06 j 11:31	8°♐53'37	-1°-43'-41
minimum elong	-5084 Jan 06 j 13:58	9°♐05'41	1°43'47
evening rise	-5084 Jan 14 j 18:38	25°♐32'04	
	-5084 Jan 17 j 00:29	0°♑	
asc. node	-5084 Jan 19 j 22:24	5°♑36'13	
evening max el	-5084 Feb 01 j 00:29	23°♑19'22	19°31'42
retrograde	-5084 Feb 10 j 08:59	27°♑45'28	
evening set	-5084 Feb 12 j 17:43	27°♑29'45	
inferior conj	-5084 Feb 21 j 02:50	23°♑23'48	2°47'14
minimum elong	-5084 Feb 21 j 08:01	23°♑15'23	2°45'38
min. Earth dist.	-5084 Feb 23 j 18:57	21°♑40'25	0.56398 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning rise	-5084 Feb 29 j 18:46	18°♉38'32	
desc. node	-5084 Mar 03 j 05:36	18°♉01'34	
direct	-5084 Mar 05 j 08:16	17°♉51'17	
morning max el	-5084 Mar 19 j 09:16	24°♉57'54	24°38'54
	-5084 Mar 24 j 00:48	0°♒	
	-5084 Apr 11 j 09:18	0°♓	
morning set	-5084 Apr 13 j 22:46	5°♓16'48	
asc. node	-5084 Apr 16 j 22:00	11°♓35'57	
superior conj	-5084 Apr 21 j 00:25	20°♓28'50	0°41'14
minimum elong	-5084 Apr 20 j 22:41	20°♓19'30	0°40'49
max. Earth dist.	-5084 Apr 22 j 10:51	23°♓34'43	1.33192 AU
	-5084 Apr 25 j 11:16	0°♈	
evening rise	-5084 Apr 28 j 08:58	6°♈00'14	
	-5084 May 11 j 09:51	0°♉	
desc. node	-5084 May 30 j 03:57	25°♉09'53	
evening max el	-5084 May 30 j 21:36	25°♉52'59	27°22'54
	-5084 Jun 04 j 20:23	0°♊	
retrograde	-5084 Jun 13 j 17:39	3°♊18'31	
evening set	-5084 Jun 20 j 19:56	0°♊49'13	
	-5084 Jun 21 j 22:29	30°℞♉	
min. Earth dist.	-5084 Jun 24 j 10:08	27°♉50'21	0.62657 AU
inferior conj	-5084 Jun 27 j 07:50	25°♉01'01	-4°00'-20
minimum elong	-5084 Jun 27 j 10:19	24°♉54'55	3°59'50
morning rise	-5084 Jul 04 j 03:03	19°♉52'32	
direct	-5084 Jul 06 j 16:49	19°♉21'56	
morning max el	-5084 Jul 13 j 08:26	22°♉45'46	17°57'11
asc. node	-5084 Jul 13 j 21:50	23°♉19'49	
	-5084 Jul 19 j 00:21	0°♊	
morning set	-5084 Jul 29 j 19:28	18°♊24'50	
	-5084 Aug 05 j 09:00	0°♋	
superior conj	-5084 Aug 10 j 08:01	8°♋30'44	1°28'25
minimum elong	-5084 Aug 10 j 13:15	8°♋52'50	1°28'14
max. Earth dist.	-5084 Aug 17 j 02:45	19°♋44'57	1.43125 AU
	-5084 Aug 23 j 12:43	0°♌	
evening rise	-5084 Aug 25 j 13:14	3°♌09'51	
desc. node	-5084 Aug 26 j 02:55	4°♌03'04	
	-5084 Sep 12 j 11:20	0°♍	
greatest brilliancy	-5084 Sep 19 j 09:09	9°♍23'27	-0.5m
evening max el	-5084 Sep 24 j 17:02	15°♍35'45	21°14'11
retrograde	-5084 Oct 03 j 07:08	20°♍40'52	
evening set	-5084 Oct 07 j 07:46	19°♍09'42	
asc. node	-5084 Oct 09 j 20:51	16°♍40'04	
inferior conj	-5084 Oct 12 j 17:34	12°♍56'20	0°57'54
minimum elong	-5084 Oct 12 j 16:16	13°♍00'51	0°57'28
min. Earth dist.	-5084 Oct 13 j 03:03	12°♍23'52	0.67130 AU
morning rise	-5084 Oct 18 j 00:23	6°♍38'06	
direct	-5084 Oct 23 j 02:31	4°♍29'01	
morning max el	-5084 Nov 02 j 17:13	10°♍49'45	23°41'17
	-5084 Nov 17 j 22:40	0°♎	
desc. node	-5084 Nov 22 j 03:07	6°♎04'14	
	-5084 Dec 07 j 06:39	0°♏	
morning set	-5084 Dec 07 j 21:42	1°♏03'32	
max. Earth dist.	-5084 Dec 12 j 01:53	8°♏15'53	1.38971 AU
superior conj	-5084 Dec 19 j 11:58	21°♏45'36	-1°-51'-55
minimum elong	-5084 Dec 19 j 12:45	21°♏49'19	1°52'08
	-5084 Dec 23 j 19:42	0°♐	
evening rise	-5084 Dec 28 j 14:41	9°♐18'49	
asc. node	-5083 Jan 05 j 19:30	24°♐32'23	
	-5083 Jan 09 j 06:50	0°♑	
evening max el	-5083 Jan 13 j 23:53	5°♑41'42	18°43'49
retrograde	-5083 Jan 21 j 23:59	9°♑33'51	
evening set	-5083 Jan 24 j 10:54	9°♑13'26	
inferior conj	-5083 Feb 01 j 03:52	4°♑49'27	3°44'06
minimum elong	-5083 Feb 01 j 07:20	4°♑42'56	3°43'20
min. Earth dist.	-5083 Feb 04 j 11:16	2°♑21'45	0.58046 AU
	-5083 Feb 08 j 05:40	30°℞♐	
morning rise	-5083 Feb 09 j 00:08	29°♐37'15	
direct	-5083 Feb 14 j 19:25	28°♐14'27	
desc. node	-5083 Feb 18 j 02:44	28°♐41'05	
	-5083 Feb 21 j 11:24	0°♑	
morning max el	-5083 Mar 01 j 00:59	5°♑40'40	26°06'59
	-5083 Mar 18 j 20:42	0°♒	
morning set	-5083 Mar 29 j 10:30	20°♒18'45	
	-5083 Apr 02 j 23:03	0°♓	
asc. node	-5083 Apr 03 j 18:57	1°♓48'25	
superior conj	-5083 Apr 05 j 11:36	5°♓30'27	0°17'29
minimum elong	-5083 Apr 05 j 10:50	5°♓26'19	0°17'10
max. Earth dist.	-5083 Apr 05 j 22:53	6°♓32'09	1.32741 AU
evening rise	-5083 Apr 12 j 14:31	20°♓46'06	
	-5083 Apr 17 j 05:07	0°♈	
	-5083 May 05 j 20:22	0°♉	
evening max el	-5083 May 13 j 02:12	8°♉07'31	26°53'34
desc. node	-5083 May 17 j 01:08	11°♉29'53	
retrograde	-5083 May 27 j 02:52	15°♉29'24	
evening set	-5083 Jun 02 j 19:55	13°♉29'29	
min. Earth dist.	-5083 Jun 06 j 15:44	10°♉45'46	0.60707 AU
inferior conj	-5083 Jun 09 j 23:00	7°♉56'55	-4°-11'-54
minimum elong	-5083 Jun 09 j 23:16	7°♉56'20	4°11'45
morning rise	-5083 Jun 17 j 05:47	3°♉09'35	
direct	-5083 Jun 19 j 17:47	2°♉44'48	
morning max el	-5083 Jun 26 j 20:58	6°♉14'33	18°07'19
asc. node	-5083 Jun 30 j 18:49	10°♉51'20	
	-5083 Jul 12 j 01:27	0°♊	
morning set	-5083 Jul 12 j 20:38	1°♊29'12	
superior conj	-5083 Jul 22 j 21:57	19°♊54'54	1°45'14
minimum elong	-5083 Jul 23 j 00:26	20°♊05'57	1°45'23
	-5083 Jul 28 j 16:55	0°♋	
max. Earth dist.	-5083 Jul 30 j 10:33	2°♋56'04	1.41486 AU
evening rise	-5083 Aug 05 j 04:10	12°♋21'51	
desc. node	-5083 Aug 12 j 23:55	24°♋37'56	
	-5083 Aug 16 j 13:12	0°♌	
greatest brilliancy	-5083 Sep 02 j 16:23	23°♌41'27	-0.3m
evening max el	-5083 Sep 07 j 10:15	29°♌00'58	22°31'09
	-5083 Sep 08 j 10:19	0°♍	
retrograde	-5083 Sep 17 j 01:51	4°♍44'27	
evening set	-5083 Sep 21 j 15:44	2°♍53'46	
	-5083 Sep 24 j 10:30	30°℞♌	
inferior conj	-5083 Sep 26 j 23:55	26°♌35'29	0°05'04
minimum elong	-5083 Sep 26 j 23:48	26°♌35'54	0°05'12
transit middle	-5083 Sep 26 j 23:48	26°♌35'54	0°05'12
transit begin	-5083 Sep 26 j 21:15	26°♌44'44	
transit end	-5083 Sep 27 j 02:22	26°♌27'05	
asc. node	-5083 Sep 26 j 17:58	26°♌56'03	
min. Earth dist.	-5083 Sep 26 j 23:04	26°♌38'27	0.67369 AU
morning rise	-5083 Oct 02 j 07:44	20°♌19'00	
direct	-5083 Oct 06 j 19:13	18°♌31'15	
morning max el	-5083 Oct 16 j 05:17	24°♌07'58	22°15'50
greatest brilliancy	-5083 Oct 20 j 23:28	29°♌31'33	-0.4m
	-5083 Oct 21 j 08:41	0°♍	
desc. node	-5083 Nov 09 j 00:00	26°♍18'23	
	-5083 Nov 11 j 09:48	0°♎	
morning set	-5083 Nov 18 j 04:07	10°♎40'24	
max. Earth dist.	-5083 Nov 24 j 00:29	20°♎18'02	1.41019 AU
	-5083 Nov 29 j 16:05	0°♏	
superior conj	-5083 Dec 01 j 18:08	3°♏41'07	-1°-49'-58
minimum elong	-5083 Dec 01 j 16:00	3°♏31'36	1°50'03
evening rise	-5083 Dec 12 j 00:32	22°♏31'50	
	-5083 Dec 16 j 01:11	0°♐	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5083 Dec 23 j 16:37	12°♐51'44	
evening max el	-5083 Dec 28 j 06:34	18°♐30'33	18°15'56
retrograde	-5082 Jan 04 j 09:20	22°♐04'18	
evening set	-5082 Jan 06 j 22:27	21°♐37'53	
inferior conj	-5082 Jan 14 j 01:02	16°♐51'45	4°05'26
minimum elong	-5082 Jan 14 j 01:32	16°♐50'39	4°05'10
min. Earth dist.	-5082 Jan 17 j 08:00	14°♐01'10	0.60005 AU
morning rise	-5082 Jan 21 j 01:44	11°♐18'55	
direct	-5082 Jan 27 j 17:59	9°♐17'40	
desc. node	-5082 Feb 04 j 23:49	12°♐04'27	
morning max el	-5082 Feb 10 j 21:47	16°♐53'08	27°10'20
	-5082 Feb 21 j 18:32	0°♑	
	-5082 Mar 11 j 06:38	0°♒	
morning set	-5082 Mar 13 j 19:53	5°♒12'15	
superior conj	-5082 Mar 20 j 23:19	20°♒31'48	0°-7'-10
minimum elong	-5082 Mar 20 j 23:38	20°♒33'36	0°07'19
behind sun begin	-5082 Mar 20 j 19:10	20°♒09'09	
behind sun end	-5082 Mar 21 j 04:06	20°♒58'03	
max. Earth dist.	-5082 Mar 20 j 12:29	19°♒32'35	1.32621 AU
asc. node	-5082 Mar 21 j 15:55	22°♒02'38	
	-5082 Mar 25 j 07:40	0°♓	
evening rise	-5082 Mar 27 j 23:54	5°♓41'38	
	-5082 Apr 09 j 23:16	0°♈	
evening max el	-5082 Apr 25 j 00:38	19°♈40'08	25°53'10
desc. node	-5082 May 03 j 22:19	25°♈51'25	
retrograde	-5082 May 09 j 02:53	26°♈55'27	
evening set	-5082 May 14 j 23:03	25°♈32'56	
min. Earth dist.	-5082 May 19 j 13:14	22°♈48'02	0.58678 AU
inferior conj	-5082 May 22 j 21:01	20°♈21'03	-3°-58'-45
minimum elong	-5082 May 22 j 18:05	20°♈26'30	3°58'23
morning rise	-5082 May 30 j 17:03	15°♈55'33	
direct	-5082 Jun 02 j 04:06	15°♈35'28	
morning max el	-5082 Jun 10 j 04:33	19°♈23'28	18°37'14
asc. node	-5082 Jun 17 j 15:48	29°♈11'46	
	-5082 Jun 18 j 03:32	0°♉	
morning set	-5082 Jun 26 j 10:37	15°♉13'09	
	-5082 Jul 04 j 02:56	0°♊	
superior conj	-5082 Jul 05 j 10:15	2°♊27'15	1°49'28
minimum elong	-5082 Jul 05 j 10:04	2°♊26'27	1°49'42
max. Earth dist.	-5082 Jul 12 j 13:32	15°♊24'45	1.39583 AU
evening rise	-5082 Jul 16 j 19:42	22°♊44'46	
	-5082 Jul 21 j 04:53	0°♋	
desc. node	-5082 Jul 30 j 20:55	15°♋02'00	
	-5082 Aug 10 j 11:18	0°♌	
evening max el	-5082 Aug 20 j 22:48	12°♌26'36	23°52'05
retrograde	-5082 Aug 31 j 17:23	18°♌47'53	
evening set	-5082 Sep 05 j 22:01	16°♌36'57	
inferior conj	-5082 Sep 11 j 06:13	10°♌16'58	0°-47'-58
minimum elong	-5082 Sep 11 j 07:19	10°♌13'14	0°47'18
min. Earth dist.	-5082 Sep 10 j 19:00	10°♌55'09	0.67310 AU
asc. node	-5082 Sep 13 j 15:05	7°♌10'23	
morning rise	-5082 Sep 16 j 16:45	4°♌05'26	
direct	-5082 Sep 20 j 15:02	2°♌38'05	
morning max el	-5082 Sep 28 j 23:20	7°♌32'59	20°56'44
greatest brilliancy	-5082 Oct 04 j 18:01	14°♌22'11	-0.5m
	-5082 Oct 15 j 19:46	0°♍	
desc. node	-5082 Oct 26 j 20:51	16°♍45'42	
morning set	-5082 Oct 28 j 10:03	19°♍10'23	
	-5082 Nov 04 j 06:08	0°♎	
max. Earth dist.	-5082 Nov 06 j 06:12	3°♎14'19	1.42810 AU
superior conj	-5082 Nov 13 j 00:08	14°♎24'44	-1°-34'-13
minimum elong	-5082 Nov 12 j 18:39	14°♎01'36	1°33'50
	-5082 Nov 22 j 00:14	0°♏	
evening rise	-5082 Nov 24 j 20:15	5°♏02'10	
	-5082 Dec 10 j 05:57	0°♐	
asc. node	-5082 Dec 10 j 13:44	0°♐22'32	
evening max el	-5082 Dec 11 j 17:39	1°♐37'19	18°07'52
retrograde	-5082 Dec 18 j 09:32	5°♐06'11	
evening set	-5082 Dec 21 j 01:04	4°♐32'53	
	-5082 Dec 27 j 01:34	30°℞♏	
inferior conj	-5082 Dec 27 j 15:45	29°♏24'52	4°00'03
minimum elong	-5082 Dec 27 j 13:55	29°♏29'26	3°59'39
min. Earth dist.	-5082 Dec 30 j 12:41	26°♏34'12	0.61954 AU
morning rise	-5081 Jan 03 j 00:37	23°♏36'37	
direct	-5081 Jan 10 j 01:48	21°♏05'10	
desc. node	-5081 Jan 22 j 20:51	27°♏39'09	
morning max el	-5081 Jan 24 j 01:04	28°♏46'11	27°39'46
	-5081 Jan 25 j 06:24	0°♐	
	-5081 Feb 15 j 13:03	0°♑	
morning set	-5081 Feb 26 j 00:55	19°♑49'59	
	-5081 Mar 02 j 21:23	0°♒	
max. Earth dist.	-5081 Mar 03 j 23:45	2°♒21'50	1.32840 AU
superior conj	-5081 Mar 05 j 09:56	5°♒26'53	0°-31'-51
minimum elong	-5081 Mar 05 j 11:20	5°♒34'30	0°31'49
asc. node	-5081 Mar 08 j 12:55	12°♒14'26	
evening rise	-5081 Mar 12 j 11:12	20°♒39'34	
	-5081 Mar 17 j 01:21	0°♓	
	-5081 Apr 06 j 02:22	0°♈	
evening max el	-5081 Apr 06 j 17:47	0°♈37'36	24°29'39
retrograde	-5081 Apr 20 j 15:51	7°♈38'38	
desc. node	-5081 Apr 20 j 19:29	7°♈38'35	
evening set	-5081 Apr 25 j 06:00	6°♈51'06	
min. Earth dist.	-5081 May 01 j 05:49	3°♈50'07	0.56861 AU
inferior conj	-5081 May 03 j 23:10	2°♈05'20	-3°-11'-22
minimum elong	-5081 May 03 j 17:45	2°♈14'05	3°10'11
	-5081 May 07 j 09:19	30°℞♓	
morning rise	-5081 May 12 j 09:40	27°♓58'39	
direct	-5081 May 14 j 19:56	27°♓42'23	
	-5081 May 21 j 15:14	0°♈	
morning max el	-5081 May 24 j 04:27	2°♈03'32	19°27'31
asc. node	-5081 Jun 04 j 12:47	18°♈09'43	
morning set	-5081 Jun 10 j 09:52	29°♈27'46	
	-5081 Jun 10 j 16:20	0°♉	
superior conj	-5081 Jun 18 j 15:19	15°♉52'27	1°44'08
minimum elong	-5081 Jun 18 j 13:25	15°♉43'11	1°44'14
max. Earth dist.	-5081 Jun 24 j 15:23	27°♉19'33	1.37668 AU
	-5081 Jun 26 j 02:18	0°♊	
evening rise	-5081 Jun 28 j 13:19	4°♊25'29	
	-5081 Jul 14 j 05:17	0°♋	
desc. node	-5081 Jul 17 j 17:57	5°♋10'11	
evening max el	-5081 Aug 03 j 09:17	25°♋55'03	25°09'52
	-5081 Aug 08 j 03:02	0°♌	
retrograde	-5081 Aug 15 j 05:02	2°♌47'49	
evening set	-5081 Aug 21 j 00:49	0°♌18'28	
	-5081 Aug 21 j 09:04	30°℞♋	
min. Earth dist.	-5081 Aug 25 j 12:33	25°♋13'02	0.66939 AU
inferior conj	-5081 Aug 26 j 10:46	23°♋59'59	-1°-39'-35
minimum elong	-5081 Aug 26 j 13:00	23°♋52'38	1°38'29
asc. node	-5081 Aug 31 j 12:11	18°♋20'50	
morning rise	-5081 Sep 01 j 01:40	17°♋56'30	
direct	-5081 Sep 04 j 12:48	16°♋46'57	
morning max el	-5081 Sep 12 j 00:36	21°♋06'54	19°49'02
	-5081 Sep 19 j 04:09	0°♌	
greatest brilliancy	-5081 Sep 20 j 00:21	1°♌11'00	-0.6m
morning set	-5081 Oct 07 j 09:28	27°♌28'19	
	-5081 Oct 09 j 00:30	0°♍	
desc. node	-5081 Oct 13 j 17:43	7°♍22'02	
max. Earth dist.	-5081 Oct 19 j 18:24	16°♍53'12	1.44101 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5081 Oct 24 j 02:27	23°♍50'03	-1°-2'-15
minimum elong	-5081 Oct 23 j 20:03	23°♍24'15	1°01'29
	-5081 Oct 27 j 21:28	0°♎	
evening rise	-5081 Nov 06 j 21:19	16°♎40'30	
	-5081 Nov 14 j 18:52	0°♏	
evening max el	-5081 Nov 25 j 06:24	14°♏55'48	18°18'56
asc. node	-5081 Nov 27 j 10:52	16°♏51'14	
retrograde	-5081 Dec 01 j 20:05	18°♏30'31	
evening set	-5081 Dec 04 j 15:13	17°♏48'57	
inferior conj	-5081 Dec 10 j 20:18	12°♏21'16	3°36'21
minimum elong	-5081 Dec 10 j 17:16	12°♏29'42	3°35'35
min. Earth dist.	-5081 Dec 13 j 03:18	9°♏48'38	0.63682 AU
morning rise	-5081 Dec 16 j 17:45	6°♏21'26	
direct	-5081 Dec 23 j 17:38	3°♏33'57	
morning max el	-5080 Jan 06 j 08:57	11°♏16'09	27°33'06
desc. node	-5080 Jan 09 j 17:52	14°♏50'05	
	-5080 Jan 21 j 07:11	0°♐	
	-5080 Feb 07 j 21:23	0°♑	
morning set	-5080 Feb 09 j 23:03	4°♑03'19	
max. Earth dist.	-5080 Feb 15 j 04:40	14°♑46'00	1.33442 AU
superior conj	-5080 Feb 17 j 17:45	20°♑09'45	0°-55'-38
minimum elong	-5080 Feb 17 j 20:04	20°♑22'09	0°55'30
	-5080 Feb 22 j 07:47	0°♒	
asc. node	-5080 Feb 23 j 09:56	2°♒19'29	
evening rise	-5080 Feb 24 j 22:39	5°♒33'26	
	-5080 Mar 09 j 05:42	0°♓	
evening max el	-5080 Mar 18 j 10:21	11°♓21'39	22°55'55
retrograde	-5080 Mar 31 j 16:24	17°♓51'46	
evening set	-5080 Apr 04 j 00:42	17°♓27'14	
desc. node	-5080 Apr 06 j 16:42	16°♓35'25	
min. Earth dist.	-5080 Apr 11 j 20:39	13°♓58'06	0.55611 AU
inferior conj	-5080 Apr 13 j 06:28	13°♓09'02	-1°-45'-11
minimum elong	-5080 Apr 13 j 02:03	13°♓15'27	1°43'54
morning rise	-5080 Apr 22 j 06:07	9°♓11'10	
direct	-5080 Apr 24 j 17:51	8°♓56'25	
morning max el	-5080 May 05 j 18:17	14°♓05'20	20°37'39
	-5080 May 17 j 08:16	0°♈	
asc. node	-5080 May 21 j 09:45	7°♈35'14	
morning set	-5080 May 24 j 15:28	14°♈04'20	
superior conj	-5080 Jun 01 j 08:16	29°♈55'25	1°31'54
minimum elong	-5080 Jun 01 j 05:37	29°♈41'53	1°31'45
	-5080 Jun 01 j 09:10	0°♉	
max. Earth dist.	-5080 Jun 05 j 22:13	9°♉04'26	1.35967 AU
evening rise	-5080 Jun 10 j 04:21	17°♉11'32	
	-5080 Jun 17 j 08:56	0°♊	
desc. node	-5080 Jul 03 j 15:03	24°♊54'32	
	-5080 Jul 07 j 12:16	0°♋	
evening max el	-5080 Jul 15 j 19:57	9°♋24'36	26°16'36
retrograde	-5080 Jul 28 j 12:04	16°♋38'04	
evening set	-5080 Aug 03 j 21:59	13°♋55'28	
min. Earth dist.	-5080 Aug 08 j 01:21	9°♋28'31	0.66222 AU
inferior conj	-5080 Aug 09 j 11:43	7°♋41'43	-2°-28'-1
minimum elong	-5080 Aug 09 j 14:51	7°♋32'00	2°26'43
morning rise	-5080 Aug 15 j 08:31	1°♋49'26	
asc. node	-5080 Aug 17 j 09:18	1°♋00'55	
direct	-5080 Aug 18 j 10:52	0°♋54'27	
morning max el	-5080 Aug 25 j 08:20	4°♋47'37	18°55'54
	-5080 Sep 11 j 20:58	0°♌	
morning set	-5080 Sep 16 j 00:37	6°♌35'34	
desc. node	-5080 Sep 29 j 14:37	28°♌03'40	
	-5080 Sep 30 j 20:08	0°♍	
max. Earth dist.	-5080 Oct 01 j 10:44	0°♍57'34	1.44736 AU
superior conj	-5080 Oct 02 j 06:39	2°♍16'08	0°-16'-43
minimum elong	-5080 Oct 02 j 04:29	2°♍07'36	0°16'18
behind sun begin	-5080 Oct 02 j 03:47	2°♍04'51	
behind sun end	-5080 Oct 02 j 05:11	2°♍10'21	
evening rise	-5080 Oct 17 j 22:59	27°♍16'48	
	-5080 Oct 19 j 15:21	0°♎	
evening max el	-5080 Nov 07 j 18:11	28°♎20'45	18°48'01
	-5080 Nov 09 j 12:56	0°♏	
asc. node	-5080 Nov 13 j 08:01	2°♏02'19	
retrograde	-5080 Nov 14 j 13:02	2°♏10'28	
evening set	-5080 Nov 17 j 13:38	1°♏18'27	
	-5080 Nov 19 j 09:04	30°℞♎	
inferior conj	-5080 Nov 23 j 11:05	25°♎33'53	3°00'30
minimum elong	-5080 Nov 23 j 07:50	25°♎43'47	2°59'29
min. Earth dist.	-5080 Nov 25 j 03:45	23°♎30'33	0.65086 AU
morning rise	-5080 Nov 29 j 00:55	19°♎25'33	
direct	-5080 Dec 05 j 16:10	16°♎36'44	
morning max el	-5080 Dec 18 j 18:33	24°♎11'25	26°54'12
	-5080 Dec 24 j 01:27	0°♏	
desc. node	-5080 Dec 26 j 14:51	3°♏09'05	
	-5079 Jan 13 j 15:40	0°♐	
morning set	-5079 Jan 23 j 11:03	17°♐41'39	
max. Earth dist.	-5079 Jan 27 j 23:39	26°♐36'12	1.34472 AU
	-5079 Jan 29 j 15:44	0°♑	
superior conj	-5079 Jan 31 j 20:42	4°♑33'46	-1°-17'-22
minimum elong	-5079 Jan 31 j 23:36	4°♑48'52	1°17'14
evening rise	-5079 Feb 08 j 08:30	20°♑17'21	
asc. node	-5079 Feb 09 j 06:58	22°♑13'22	
	-5079 Feb 13 j 04:34	0°♒	
evening max el	-5079 Feb 28 j 08:35	22°♒19'43	21°25'28
retrograde	-5079 Mar 12 j 07:06	28°♒02'12	
evening set	-5079 Mar 14 j 21:10	27°♒47'01	
inferior conj	-5079 Mar 24 j 02:50	23°♒47'04	0°07'36
minimum elong	-5079 Mar 24 j 03:10	23°♒46'35	0°07'18
transit middle	-5079 Mar 24 j 03:10	23°♒46'35	0°07'18
transit begin	-5079 Mar 23 j 23:32	23°♒51'44	
transit end	-5079 Mar 24 j 06:49	23°♒41'27	
min. Earth dist.	-5079 Mar 24 j 11:05	23°♒35'25	0.55209 AU
desc. node	-5079 Mar 24 j 13:53	23°♒31'27	
morning rise	-5079 Apr 02 j 08:57	19°♒41'52	
direct	-5079 Apr 05 j 06:50	19°♒23'11	
morning max el	-5079 Apr 17 j 21:11	25°♒25'32	22°04'55
	-5079 Apr 22 j 02:29	0°♓	
asc. node	-5079 May 08 j 06:44	27°♓21'14	
morning set	-5079 May 09 j 01:09	28°♓56'18	
	-5079 May 09 j 13:24	0°♈	
superior conj	-5079 May 16 j 09:30	14°♈25'13	1°14'45
minimum elong	-5079 May 16 j 06:49	14°♈11'09	1°14'24
max. Earth dist.	-5079 May 19 j 14:47	21°♈06'12	1.34606 AU
evening rise	-5079 May 24 j 11:22	0°♉47'28	
	-5079 May 24 j 01:36	0°♉	
	-5079 Jun 10 j 09:19	0°♊	
desc. node	-5079 Jun 20 j 12:12	14°♊04'42	
evening max el	-5079 Jun 28 j 07:22	22°♊48'33	27°04'02
	-5079 Jul 09 j 16:06	0°♋	
retrograde	-5079 Jul 11 j 13:52	0°♋11'30	
	-5079 Jul 13 j 10:12	30°℞♊	
evening set	-5079 Jul 18 j 11:00	27°♊24'22	
min. Earth dist.	-5079 Jul 22 j 07:03	23°♊35'52	0.65133 AU
inferior conj	-5079 Jul 24 j 06:54	21°♊18'27	-3°-11'-6
minimum elong	-5079 Jul 24 j 10:27	21°♊08'15	3°09'55
morning rise	-5079 Jul 30 j 11:09	15°♊40'41	
direct	-5079 Aug 02 j 07:04	14°♊57'04	
asc. node	-5079 Aug 04 j 06:23	15°♊18'01	
morning max el	-5079 Aug 08 j 20:39	18°♊31'48	18°19'11
	-5079 Aug 17 j 08:35	0°♋	
morning set	-5079 Aug 27 j 18:17	16°♋59'53	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5079 Sep 04 j 16:49	0°♌	
superior conj	-5079 Sep 11 j 07:36	10°♌37'08	0°32'06
minimum elong	-5079 Sep 11 j 11:30	10°♌52'37	0°31'51
max. Earth dist.	-5079 Sep 14 j 04:41	15°♌11'04	1.44649 AU
desc. node	-5079 Sep 16 j 11:30	18°♌47'20	
	-5079 Sep 23 j 15:02	0°♍	
evening rise	-5079 Sep 27 j 23:26	6°♍47'52	
	-5079 Oct 13 j 01:27	0°♎	
greatest brilliancy	-5079 Oct 13 j 08:12	0°♎24'43	-0.7m
evening max el	-5079 Oct 22 j 02:33	11°♎47'41	19°33'39
retrograde	-5079 Oct 29 j 09:16	16°♎00'39	
asc. node	-5079 Oct 31 j 05:12	15°♎41'13	
evening set	-5079 Nov 01 j 17:29	14°♎55'30	
inferior conj	-5079 Nov 07 j 09:06	8°♎57'04	2°16'36
minimum elong	-5079 Nov 07 j 06:18	9°♎06'10	2°15'37
min. Earth dist.	-5079 Nov 08 j 12:30	7°♎28'21	0.66143 AU
morning rise	-5079 Nov 12 j 18:22	2°♎42'48	
direct	-5079 Nov 18 j 20:28	0°♎04'28	
morning max el	-5079 Dec 01 j 03:51	7°♎19'30	25°50'17
desc. node	-5079 Dec 13 j 11:47	22°♎15'13	
	-5079 Dec 18 j 21:58	0°♏	
morning set	-5078 Jan 06 j 08:22	0°♐30'17	
	-5078 Jan 06 j 01:46	0°♐	
max. Earth dist.	-5078 Jan 10 j 07:00	7°♐54'21	1.35950 AU
superior conj	-5078 Jan 15 j 16:08	18°♐29'45	-1°-35'-34
minimum elong	-5078 Jan 15 j 19:00	18°♐44'12	1°35'34
	-5078 Jan 21 j 07:18	0°♑	
evening rise	-5078 Jan 23 j 14:47	4°♑44'02	
asc. node	-5078 Jan 27 j 04:01	11°♑49'58	
	-5078 Feb 07 j 05:22	0°♒	
evening max el	-5078 Feb 10 j 16:19	3°♒47'59	20°08'02
retrograde	-5078 Feb 20 j 22:42	8°♒39'26	
evening set	-5078 Feb 23 j 07:32	8°♒25'04	
inferior conj	-5078 Mar 04 j 01:42	4°♒25'28	1°57'05
minimum elong	-5078 Mar 04 j 06:15	4°♒18'35	1°55'27
min. Earth dist.	-5078 Mar 06 j 01:09	3°♒14'06	0.55733 AU
desc. node	-5078 Mar 11 j 11:04	0°♒29'47	
	-5078 Mar 12 j 22:43	30°℞♑	
morning rise	-5078 Mar 13 j 02:17	29°♑57'29	
direct	-5078 Mar 16 j 22:55	29°♑24'45	
	-5078 Mar 20 j 21:38	0°♒	
morning max el	-5078 Mar 30 j 15:15	6°♒11'50	23°42'39
	-5078 Apr 16 j 11:41	0°♓	
morning set	-5078 Apr 23 j 13:00	13°♓57'07	
asc. node	-5078 Apr 25 j 03:42	17°♓21'20	
superior conj	-5078 Apr 30 j 16:14	29°♓12'54	0°54'10
minimum elong	-5078 Apr 30 j 14:03	29°♓01'13	0°53'44
	-5078 May 01 j 01:01	0°♈	
max. Earth dist.	-5078 May 02 j 17:15	3°♈34'30	1.33608 AU
evening rise	-5078 May 08 j 05:47	14°♈59'03	
	-5078 May 16 j 04:14	0°♉	
	-5078 Jun 05 j 06:17	0°♊	
desc. node	-5078 Jun 07 j 09:22	2°♊26'17	
evening max el	-5078 Jun 10 j 17:59	5°♊54'55	27°24'59
retrograde	-5078 Jun 24 j 09:46	13°♊20'05	
evening set	-5078 Jul 01 j 12:41	10°♊40'17	
min. Earth dist.	-5078 Jul 05 j 03:44	7°♊26'07	0.63662 AU
inferior conj	-5078 Jul 07 j 17:45	4°♊45'07	-3°-45'-51
minimum elong	-5078 Jul 07 j 20:56	4°♊36'48	3°45'03
	-5078 Jul 13 j 03:58	30°℞♉	
morning rise	-5078 Jul 14 j 07:02	29°♉25'07	
direct	-5078 Jul 16 j 22:37	28°♉50'16	
	-5078 Jul 20 j 16:25	0°♊	
asc. node	-5078 Jul 22 j 03:27	1°♊02'54	
morning max el	-5078 Jul 23 j 11:11	2°♊15'08	18°00'02
morning set	-5078 Aug 09 j 13:34	28°♊37'18	
	-5078 Aug 10 j 08:40	0°♋	
superior conj	-5078 Aug 22 j 02:52	19°♋54'05	1°12'02
minimum elong	-5078 Aug 22 j 08:52	20°♋18'45	1°11'40
max. Earth dist.	-5078 Aug 27 j 20:58	29°♋14'52	1.43857 AU
	-5078 Aug 28 j 08:14	0°♌	
desc. node	-5078 Sep 03 j 08:27	9°♌30'20	
evening rise	-5078 Sep 07 j 05:39	15°♌32'46	
	-5078 Sep 16 j 17:00	0°♍	
greatest brilliancy	-5078 Sep 29 j 00:38	17°♍46'06	-0.5m
evening max el	-5078 Oct 05 j 05:29	25°♍14'13	20°33'53
retrograde	-5078 Oct 13 j 06:24	29°♍58'21	
evening set	-5078 Oct 17 j 00:30	28°♍37'15	
asc. node	-5078 Oct 18 j 02:21	27°♍44'02	
inferior conj	-5078 Oct 22 j 11:56	22°♍28'13	1°27'36
minimum elong	-5078 Oct 22 j 10:00	22°♍34'45	1°26'54
min. Earth dist.	-5078 Oct 23 j 03:32	21°♍35'31	0.66863 AU
morning rise	-5078 Oct 27 j 19:03	16°♍10'42	
direct	-5078 Nov 02 j 05:59	13°♍50'05	
morning max el	-5078 Nov 13 j 12:41	20°♍33'11	24°30'35
	-5078 Nov 21 j 15:57	0°♎	
desc. node	-5078 Nov 30 j 08:41	11°♎55'00	
	-5078 Dec 12 j 03:10	0°♏	
morning set	-5078 Dec 19 j 09:29	12°♏14'14	
max. Earth dist.	-5078 Dec 23 j 05:33	19°♏03'53	1.37810 AU
	-5078 Dec 29 j 02:12	0°♐	
superior conj	-5078 Dec 30 j 00:44	1°♐48'21	-1°-48'-12
minimum elong	-5078 Dec 30 j 02:38	1°♐57'32	1°48'22
evening rise	-5077 Jan 07 j 15:20	18°♐47'33	
	-5077 Jan 13 j 11:12	0°♑	
asc. node	-5077 Jan 14 j 01:05	1°♑03'00	
evening max el	-5077 Jan 24 j 10:17	15°♑51'06	19°08'43
retrograde	-5077 Feb 02 j 03:42	20°♑01'03	
evening set	-5077 Feb 04 j 13:18	19°♑43'30	
inferior conj	-5077 Feb 12 j 15:23	15°♑30'14	3°16'06
minimum elong	-5077 Feb 12 j 20:10	15°♑21'58	3°14'51
min. Earth dist.	-5077 Feb 15 j 15:59	13°♑26'06	0.57046 AU
morning rise	-5077 Feb 20 j 23:24	10°♑32'59	
direct	-5077 Feb 26 j 02:01	9°♑32'05	
desc. node	-5077 Feb 26 j 08:13	9°♑32'15	
morning max el	-5077 Mar 12 j 06:08	16°♑48'01	25°18'39
	-5077 Mar 23 j 00:07	0°♒	
morning set	-5077 Apr 08 j 01:15	29°♒00'30	
	-5077 Apr 08 j 12:33	0°♓	
asc. node	-5077 Apr 12 j 00:38	7°♓30'30	
superior conj	-5077 Apr 15 j 02:18	14°♓11'12	0°31'18
minimum elong	-5077 Apr 15 j 00:58	14°♓03'55	0°30'55
max. Earth dist.	-5077 Apr 16 j 02:47	16°♓24'13	1.32959 AU
evening rise	-5077 Apr 22 j 08:02	29°♓34'49	
	-5077 Apr 22 j 12:57	0°♈	
	-5077 May 09 j 07:58	0°♉	
evening max el	-5077 May 24 j 01:14	18°♉30'15	27°14'27
desc. node	-5077 May 25 j 06:34	19°♉38'20	
retrograde	-5077 Jun 06 j 23:12	25°♉54'23	
evening set	-5077 Jun 13 j 23:11	23°♉35'50	
min. Earth dist.	-5077 Jun 17 j 14:25	20°♉45'43	0.61850 AU
inferior conj	-5077 Jun 20 j 17:03	17°♉54'05	-4°-7'-42
minimum elong	-5077 Jun 20 j 18:46	17°♉50'07	4°07'24
morning rise	-5077 Jun 27 j 17:01	12°♉54'40	
direct	-5077 Jun 30 j 05:59	12°♉26'38	
morning max el	-5077 Jul 07 j 01:17	15°♉51'15	17°59'14
asc. node	-5077 Jul 09 j 00:27	17°♉59'43	
	-5077 Jul 16 j 22:43	0°♊	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning set	-5077 Jul 23 j 05:16	11°♊13'08	
	-5077 Aug 02 j 18:02	0°♋	
superior conj	-5077 Aug 03 j 01:33	0°♋32'30	1°37'18
minimum elong	-5077 Aug 03 j 05:43	0°♋50'29	1°37'16
max. Earth dist.	-5077 Aug 10 j 08:10	12°♋48'31	1.42469 AU
evening rise	-5077 Aug 17 j 11:25	24°♋17'44	
desc. node	-5077 Aug 21 j 05:25	0°♌08'53	
	-5077 Aug 21 j 03:07	0°♌	
	-5077 Sep 10 j 19:12	0°♍	
greatest brilliancy	-5077 Sep 13 j 04:04	3°♍01'43	-0.4m
evening max el	-5077 Sep 18 j 02:00	8°♍38'38	21°45'58
retrograde	-5077 Sep 27 j 02:33	14°♍00'06	
evening set	-5077 Oct 01 j 08:37	12°♍20'38	
asc. node	-5077 Oct 04 j 23:29	8°♍26'47	
inferior conj	-5077 Oct 06 j 17:31	6°♍04'30	0°35'39
minimum elong	-5077 Oct 06 j 16:42	6°♍07'20	0°35'26
min. Earth dist.	-5077 Oct 06 j 22:27	5°♍47'27	0.67266 AU
	-5077 Oct 11 j 18:21	30°℞♌	
morning rise	-5077 Oct 12 j 00:32	29°♌46'39	
direct	-5077 Oct 16 j 20:11	27°♌46'55	
	-5077 Oct 22 j 13:48	0°♍	
morning max el	-5077 Oct 26 j 22:48	3°♍49'19	23°04'38
greatest brilliancy	-5077 Oct 31 j 23:24	9°♍28'54	-0.3m
	-5077 Nov 15 j 21:50	0°♎	
desc. node	-5077 Nov 17 j 05:34	1°♎58'20	
morning set	-5077 Nov 30 j 08:29	22°♎39'09	
	-5077 Dec 04 j 17:01	0°♏	
max. Earth dist.	-5077 Dec 05 j 01:57	0°♏38'24	1.39856 AU
superior conj	-5077 Dec 12 j 18:05	14°♏17'45	-1°-52'-33
minimum elong	-5077 Dec 12 j 17:46	14°♏16'19	1°52'45
	-5077 Dec 21 j 02:01	0°♐	
evening rise	-5077 Dec 22 j 07:29	2°♐21'05	
asc. node	-5077 Dec 31 j 22:10	19°♐44'45	
evening max el	-5076 Jan 07 j 13:02	28°♐25'29	18°29'25
	-5076 Jan 09 j 09:08	0°♑	
retrograde	-5076 Jan 15 j 02:57	2°♑08'24	
evening set	-5076 Jan 17 j 14:38	1°♑45'41	
	-5076 Jan 21 j 06:28	30°℞♐	
inferior conj	-5076 Jan 25 j 01:12	27°♐12'25	3°57'02
minimum elong	-5076 Jan 25 j 03:25	27°♐07'58	3°56'33
min. Earth dist.	-5076 Jan 28 j 09:59	24°♐31'55	0.58859 AU
morning rise	-5076 Feb 01 j 12:47	21°♐50'14	
direct	-5076 Feb 07 j 18:08	20°♐10'49	
desc. node	-5076 Feb 13 j 05:18	21°♐24'11	
morning max el	-5076 Feb 21 j 23:54	27°♐42'24	26°37'42
	-5076 Feb 24 j 05:40	0°♑	
	-5076 Mar 15 j 10:26	0°♒	
morning set	-5076 Mar 22 j 12:14	14°♒00'15	
asc. node	-5076 Mar 28 j 21:35	27°♒44'30	
superior conj	-5076 Mar 29 j 13:56	29°♒13'57	0°07'05
minimum elong	-5076 Mar 29 j 13:38	29°♒12'16	0°06'51
behind sun begin	-5076 Mar 29 j 09:06	28°♒47'30	
behind sun end	-5076 Mar 29 j 18:09	29°♒37'02	
max. Earth dist.	-5076 Mar 29 j 15:55	29°♒24'48	1.32644 AU
	-5076 Mar 29 j 22:21	0°♓	
evening rise	-5076 Apr 05 j 15:29	14°♓25'56	
	-5076 Apr 13 j 14:10	0°♈	
	-5076 May 04 j 16:08	0°♉	
evening max el	-5076 May 05 j 03:04	0°♉26'28	26°31'19
desc. node	-5076 May 11 j 03:44	5°♉12'36	
retrograde	-5076 May 19 j 05:04	7°♉47'02	
evening set	-5076 May 25 j 14:38	6°♉02'14	
min. Earth dist.	-5076 May 29 j 16:13	3°♉20'10	0.59833 AU
inferior conj	-5076 Jun 02 j 01:21	0°♉37'33	-4°-9'-56
minimum elong	-5076 Jun 02 j 00:19	0°♉39'37	4°09'47
	-5076 Jun 02 j 20:05	30°℞♈	
morning rise	-5076 Jun 09 j 13:37	25°♈59'56	
direct	-5076 Jun 12 j 01:03	25°♈37'22	
morning max el	-5076 Jun 19 j 12:09	29°♈13'14	18°17'38
	-5076 Jun 20 j 06:54	0°♉	
asc. node	-5076 Jun 24 j 21:27	5°♉53'46	
morning set	-5076 Jul 05 j 12:23	24°♉35'13	
	-5076 Jul 08 j 08:58	0°♊	
superior conj	-5076 Jul 15 j 01:44	12°♊27'44	1°48'23
minimum elong	-5076 Jul 15 j 03:00	12°♊33'30	1°48'37
max. Earth dist.	-5076 Jul 22 j 13:10	25°♊39'29	1.40688 AU
	-5076 Jul 25 j 02:46	0°♋	
evening rise	-5076 Jul 27 j 11:55	3°♋56'47	
desc. node	-5076 Aug 07 j 02:24	20°♋39'21	
	-5076 Aug 13 j 10:13	0°♌	
greatest brilliancy	-5076 Aug 25 j 09:08	16°♌04'36	-0.2m
evening max el	-5076 Aug 30 j 16:48	22°♌02'46	23°05'29
retrograde	-5076 Sep 09 j 20:10	28°♌03'29	
evening set	-5076 Sep 14 j 16:05	26°♌04'12	
inferior conj	-5076 Sep 20 j 00:03	19°♌44'34	0°-17'-28
minimum elong	-5076 Sep 20 j 00:27	19°♌43'11	0°17'08
min. Earth dist.	-5076 Sep 19 j 18:50	20°♌02'33	0.67375 AU
asc. node	-5076 Sep 20 j 20:38	18°♌34'03	
morning rise	-5076 Sep 25 j 08:48	13°♌29'33	
direct	-5076 Sep 29 j 14:21	11°♌50'46	
morning max el	-5076 Oct 08 j 13:09	17°♌09'44	21°41'01
greatest brilliancy	-5076 Oct 13 j 14:27	22°♌58'20	-0.4m
	-5076 Oct 18 j 21:55	0°♍	
desc. node	-5076 Nov 03 j 02:25	22°♍18'16	
	-5076 Nov 08 j 01:07	0°♎	
morning set	-5076 Nov 09 j 03:14	1°♎43'15	
max. Earth dist.	-5076 Nov 16 j 02:46	13°♎01'18	1.41822 AU
superior conj	-5076 Nov 23 j 14:38	25°♎44'02	-1°-45'-11
minimum elong	-5076 Nov 23 j 11:01	25°♎28'17	1°45'05
	-5076 Nov 26 j 01:00	0°♏	
evening rise	-5076 Dec 04 j 11:50	15°♏16'47	
	-5076 Dec 12 j 17:26	0°♐	
asc. node	-5076 Dec 17 j 19:16	7°♐45'06	
evening max el	-5076 Dec 20 j 22:00	11°♐23'11	18°10'10
retrograde	-5076 Dec 27 j 19:01	14°♐53'17	
evening set	-5076 Dec 30 j 09:02	14°♐24'11	
inferior conj	-5075 Jan 06 j 06:18	9°♐28'58	4°05'52
minimum elong	-5075 Jan 06 j 05:41	9°♐30'24	4°05'36
min. Earth dist.	-5075 Jan 09 j 09:59	6°♐35'21	0.60848 AU
morning rise	-5075 Jan 12 j 23:43	3°♐48'56	
direct	-5075 Jan 19 j 21:17	1°♐32'56	
desc. node	-5075 Jan 30 j 02:22	5°♐47'52	
morning max el	-5075 Feb 02 j 23:30	9°♐11'56	27°27'12
	-5075 Feb 19 j 00:50	0°♑	
morning set	-5075 Mar 06 j 20:03	28°♑48'09	
	-5075 Mar 07 j 09:56	0°♒	
max. Earth dist.	-5075 Mar 13 j 04:49	12°♒21'26	1.32668 AU
superior conj	-5075 Mar 14 j 01:25	14°♒13'44	0°-17'-41
minimum elong	-5075 Mar 14 j 02:13	14°♒18'03	0°17'44
asc. node	-5075 Mar 15 j 18:33	17°♒58'17	
evening rise	-5075 Mar 21 j 01:55	29°♒23'25	
	-5075 Mar 21 j 08:53	0°♓	
	-5075 Apr 07 j 04:58	0°♈	
evening max el	-5075 Apr 16 j 22:58	11°♈42'37	25°19'48
desc. node	-5075 Apr 28 j 00:56	18°♈32'22	
retrograde	-5075 May 01 j 00:53	18°♈53'34	
evening set	-5075 May 06 j 08:43	17°♈47'10	
min. Earth dist.	-5075 May 11 j 11:34	14°♈56'39	0.57857 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

inferior conj	-5075 May 14 j 15:07	12°♈45'30	-3°-43'-22
minimum elong	-5075 May 14 j 10:53	12°♈52'55	3°42'41
morning rise	-5075 May 22 j 17:13	8°♈28'28	
direct	-5075 May 25 j 03:42	8°♈10'16	
morning max el	-5075 Jun 02 j 16:48	12°♈10'57	18°56'05
asc. node	-5075 Jun 11 j 18:27	24°♈31'18	
	-5075 Jun 14 j 19:50	0°♉	
morning set	-5075 Jun 19 j 06:42	8°♉32'53	
superior conj	-5075 Jun 27 j 21:48	25°♉23'53	1°48'11
minimum elong	-5075 Jun 27 j 20:46	25°♉18'59	1°48'23
	-5075 Jun 30 j 08:11	0°♊	
max. Earth dist.	-5075 Jul 04 j 14:36	7°♊49'34	1.38755 AU
evening rise	-5075 Jul 08 j 14:56	14°♊53'33	
	-5075 Jul 17 j 18:47	0°♋	
desc. node	-5075 Jul 24 j 23:26	10°♋57'08	
	-5075 Aug 08 j 03:53	0°♌	
evening max el	-5075 Aug 13 j 04:14	5°♌29'41	24°26'10
retrograde	-5075 Aug 24 j 10:09	12°♌05'30	
evening set	-5075 Aug 29 j 21:07	9°♌46'39	
min. Earth dist.	-5075 Sep 03 j 14:10	4°♌19'44	0.67186 AU
inferior conj	-5075 Sep 04 j 05:51	3°♌26'58	-1°-10'-8
minimum elong	-5075 Sep 04 j 07:27	3°♌21'35	1°09'16
	-5075 Sep 06 j 22:26	30°℞♋	
asc. node	-5075 Sep 07 j 17:46	29°♋06'06	
morning rise	-5075 Sep 09 j 18:01	27°♋18'12	
direct	-5075 Sep 13 j 11:20	25°♋58'37	
	-5075 Sep 20 j 18:59	0°♌	
morning max el	-5075 Sep 21 j 10:07	0°♌37'49	20°26'17
greatest brilliancy	-5075 Sep 27 j 23:38	8°♌34'33	-0.5m
	-5075 Oct 12 j 15:30	0°♍	
morning set	-5075 Oct 19 j 03:30	9°♍59'26	
desc. node	-5075 Oct 20 j 23:17	12°♍49'43	
max. Earth dist.	-5075 Oct 29 j 11:10	26°♍16'32	1.43428 AU
	-5075 Oct 31 j 18:27	0°♎	
superior conj	-5075 Nov 04 j 09:04	5°♎54'51	-1°-22'-40
minimum elong	-5075 Nov 04 j 02:40	5°♎28'26	1°22'05
evening rise	-5075 Nov 17 j 00:14	27°♎26'09	
	-5075 Nov 18 j 11:29	0°♏	
evening max el	-5075 Dec 04 j 10:16	24°♏36'30	18°10'23
asc. node	-5075 Dec 04 j 16:25	24°♏51'47	
retrograde	-5075 Dec 11 j 00:04	28°♏06'15	
evening set	-5075 Dec 13 j 17:04	27°♏29'33	
inferior conj	-5075 Dec 20 j 03:24	22°♏13'01	3°51'48
minimum elong	-5075 Dec 20 j 00:55	22°♏19'29	3°51'15
min. Earth dist.	-5075 Dec 22 j 18:41	19°♏28'16	0.62727 AU
morning rise	-5075 Dec 26 j 06:56	16°♏19'47	
direct	-5074 Jan 02 j 08:53	13°♏39'30	
morning max el	-5074 Jan 16 j 04:50	21°♏21'09	27°41'09
desc. node	-5074 Jan 16 j 23:23	22°♏07'31	
	-5074 Jan 23 j 19:17	0°♐	
	-5074 Feb 12 j 00:58	0°♑	
morning set	-5074 Feb 18 j 22:29	13°♑16'38	
max. Earth dist.	-5074 Feb 24 j 13:51	25°♑01'29	1.33054 AU
superior conj	-5074 Feb 26 j 11:06	29°♑04'40	0°-42'-6
minimum elong	-5074 Feb 26 j 12:56	29°♑14'29	0°42'00
	-5074 Feb 26 j 21:21	0°♒	
asc. node	-5074 Mar 02 j 15:33	8°♒07'48	
evening rise	-5074 Mar 05 j 13:31	14°♒20'43	
	-5074 Mar 13 j 12:18	0°♓	
evening max el	-5074 Mar 29 j 15:22	22°♓31'45	23°50'07
retrograde	-5074 Apr 12 j 08:13	29°♓20'59	
desc. node	-5074 Apr 14 j 22:09	29°♓06'06	
evening set	-5074 Apr 16 j 08:55	28°♓45'10	
min. Earth dist.	-5074 Apr 23 j 03:08	25°♓33'44	0.56251 AU

inferior conj	-5074 Apr 25 j 08:48	24°♓11'53	-2°-39'-20
minimum elong	-5074 Apr 25 j 03:15	24°♓20'24	2°37'55
morning rise	-5074 May 04 j 01:16	20°♓10'14	
direct	-5074 May 06 j 11:49	19°♓54'52	
morning max el	-5074 May 16 j 12:32	24°♓34'56	19°54'55
	-5074 May 21 j 06:35	0°♈	
asc. node	-5074 May 29 j 15:25	13°♈41'50	
morning set	-5074 Jun 03 j 08:57	22°♈57'34	
	-5074 Jun 06 j 20:13	0°♉	
superior conj	-5074 Jun 11 j 08:24	9°♉06'05	1°39'39
minimum elong	-5074 Jun 11 j 06:05	8°♉54'30	1°39'38
max. Earth dist.	-5074 Jun 16 j 18:10	19°♉37'44	1.36916 AU
evening rise	-5074 Jun 20 j 18:20	27°♉03'37	
	-5074 Jun 22 j 09:37	0°♊	
	-5074 Jul 11 j 04:40	0°♋	
desc. node	-5074 Jul 11 j 20:32	0°♋55'58	
evening max el	-5074 Jul 26 j 14:49	18°♋59'25	25°40'13
retrograde	-5074 Aug 07 j 19:42	26°♋01'33	
evening set	-5074 Aug 13 j 21:46	23°♋25'54	
min. Earth dist.	-5074 Aug 18 j 05:56	18°♋36'43	0.66678 AU
inferior conj	-5074 Aug 19 j 09:06	17°♋09'20	-2°00'-40
minimum elong	-5074 Aug 19 j 11:45	17°♋00'48	1°59'26
morning rise	-5074 Aug 25 j 02:18	11°♋10'14	
asc. node	-5074 Aug 25 j 14:54	10°♋51'45	
direct	-5074 Aug 28 j 09:32	10°♋07'06	
morning max el	-5074 Sep 04 j 14:15	14°♋14'14	19°24'32
greatest brilliancy	-5074 Sep 14 j 08:33	27°♋02'37	-0.7m
	-5074 Sep 16 j 07:54	0°♌	
morning set	-5074 Sep 28 j 07:19	18°♌31'57	
	-5074 Oct 05 j 15:07	0°♍	
desc. node	-5074 Oct 07 j 20:09	3°♍28'17	
max. Earth dist.	-5074 Oct 12 j 02:01	10°♍10'13	1.44458 AU
superior conj	-5074 Oct 15 j 00:25	14°♍49'45	0°-44'-9
minimum elong	-5074 Oct 14 j 19:12	14°♍28'58	0°43'25
	-5074 Oct 24 j 09:57	0°♎	
evening rise	-5074 Oct 29 j 15:48	8°♎38'40	
	-5074 Nov 11 j 19:21	0°♏	
evening max el	-5074 Nov 17 j 22:56	7°♏57'55	18°29'11
asc. node	-5074 Nov 21 j 13:35	10°♏49'12	
retrograde	-5074 Nov 24 j 13:48	11°♏37'47	
evening set	-5074 Nov 27 j 11:07	10°♏51'53	
inferior conj	-5074 Dec 03 j 12:41	5°♏16'26	3°22'19
minimum elong	-5074 Dec 03 j 09:27	5°♏25'46	3°21'26
min. Earth dist.	-5074 Dec 05 j 13:24	2°♏55'39	0.64322 AU
	-5074 Dec 08 j 08:55	30°℞♎	
morning rise	-5074 Dec 09 j 06:30	29°♎12'49	
direct	-5074 Dec 16 j 03:24	26°♎23'27	
	-5074 Dec 24 j 22:36	0°♏	
morning max el	-5074 Dec 29 j 13:46	4°♏02'52	27°20'12
desc. node	-5073 Jan 03 j 20:22	9°♏49'42	
	-5073 Jan 18 j 06:41	0°♐	
morning set	-5073 Feb 02 j 16:46	27°♐16'04	
	-5073 Feb 04 j 01:57	0°♑	
max. Earth dist.	-5073 Feb 07 j 15:07	7°♑12'36	1.33833 AU
superior conj	-5073 Feb 10 j 17:07	13°♑40'03	-1°-5'-10
minimum elong	-5073 Feb 10 j 19:44	13°♑53'56	1°05'01
asc. node	-5073 Feb 17 j 12:36	28°♑08'37	
evening rise	-5073 Feb 18 j 00:31	29°♑11'05	
	-5073 Feb 18 j 09:54	0°♒	
	-5073 Mar 08 j 06:32	0°♓	
evening max el	-5073 Mar 11 j 09:37	3°♓18'28	22°16'15
retrograde	-5073 Mar 24 j 03:35	9°♓29'43	
evening set	-5073 Mar 27 j 02:39	9°♓10'22	
desc. node	-5073 Apr 01 j 19:21	7°♓00'42	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

min. Earth dist.	-5073 Apr 04 j 17:21	5°♓25'23	0.55333 AU
inferior conj	-5073 Apr 05 j 10:02	5°♓01'45	0°-59'-3
minimum elong	-5073 Apr 05 j 07:21	5°♓05'32	0°58'18
morning rise	-5073 Apr 14 j 13:42	1°♓03'21	
direct	-5073 Apr 17 j 04:29	0°♓47'47	
morning max el	-5073 Apr 28 j 21:38	6°♓18'46	21°13'00
	-5073 May 14 j 20:27	0°♈	
asc. node	-5073 May 16 j 12:24	3°♈17'05	
morning set	-5073 May 18 j 16:35	7°♈42'04	
superior conj	-5073 May 26 j 05:18	23°♈22'06	1°25'08
minimum elong	-5073 May 26 j 02:34	23°♈07'56	1°24'53
	-5073 May 29 j 11:22	0°♉	
max. Earth dist.	-5073 May 30 j 05:12	1°♉29'17	1.35345 AU
evening rise	-5073 Jun 03 j 16:49	10°♉12'55	
	-5073 Jun 14 j 21:57	0°♊	
desc. node	-5073 Jun 28 j 17:40	20°♊27'37	
	-5073 Jul 06 j 16:05	0°♋	
evening max el	-5073 Jul 09 j 01:49	2°♋27'47	26°39'31
retrograde	-5073 Jul 22 j 00:27	9°♋46'11	
evening set	-5073 Jul 28 j 15:49	7°♋00'08	
min. Earth dist.	-5073 Aug 01 j 15:50	2°♋50'03	0.65811 AU
inferior conj	-5073 Aug 03 j 07:53	0°♋49'33	-2°-47'-7
minimum elong	-5073 Aug 03 j 11:15	0°♋39'23	2°45'49
	-5073 Aug 04 j 00:25	30°℞♊	
morning rise	-5073 Aug 09 j 07:41	25°♊03'20	
direct	-5073 Aug 12 j 07:03	24°♊13'33	
asc. node	-5073 Aug 12 j 11:59	24°♊13'47	
morning max el	-5073 Aug 19 j 00:17	27°♊57'30	18°38'16
	-5073 Aug 20 j 20:30	0°♋	
morning set	-5073 Sep 08 j 09:18	28°♋11'14	
	-5073 Sep 09 j 12:17	0°♌	
superior conj	-5073 Sep 24 j 00:16	23°♌05'00	0°04'25
minimum elong	-5073 Sep 24 j 00:52	23°♌07'22	0°04'32
behind sun begin	-5073 Sep 23 j 13:51	22°♌23'52	
behind sun end	-5073 Sep 24 j 11:54	23°♌50'51	
desc. node	-5073 Sep 24 j 17:03	24°♌11'09	
max. Earth dist.	-5073 Sep 24 j 19:48	24°♌22'02	1.44790 AU
	-5073 Sep 28 j 09:35	0°♍	
evening rise	-5073 Oct 10 j 06:40	18°♍46'58	
	-5073 Oct 17 j 08:10	0°♎	
evening max el	-5073 Nov 01 j 09:26	21°♎23'17	19°05'26
retrograde	-5073 Nov 08 j 08:36	25°♎22'14	
asc. node	-5073 Nov 08 j 10:45	25°♎22'11	
evening set	-5073 Nov 11 j 12:08	24°♎24'56	
inferior conj	-5073 Nov 17 j 06:52	18°♎33'45	2°42'38
minimum elong	-5073 Nov 17 j 03:44	18°♎43'34	2°41'37
min. Earth dist.	-5073 Nov 18 j 17:38	16°♎44'56	0.65575 AU
morning rise	-5073 Nov 22 j 18:24	12°♎22'23	
direct	-5073 Nov 29 j 04:17	9°♎37'06	
morning max el	-5073 Dec 11 j 23:38	17°♎05'17	26°29'37
desc. node	-5073 Dec 21 j 17:19	28°♎30'16	
	-5073 Dec 22 j 20:16	0°♏	
	-5072 Jan 11 j 03:36	0°♐	
morning set	-5072 Jan 16 j 23:08	10°♐34'50	
max. Earth dist.	-5072 Jan 21 j 05:22	18°♐48'20	1.35045 AU
superior conj	-5072 Jan 25 j 17:11	27°♐52'36	-1°-25'-38
minimum elong	-5072 Jan 25 j 20:10	28°♐07'56	1°25'33
	-5072 Jan 26 j 17:53	0°♑	
evening rise	-5072 Feb 02 j 09:06	13°♑48'10	
asc. node	-5072 Feb 04 j 09:38	17°♑55'40	
	-5072 Feb 10 j 19:14	0°♒	
evening max el	-5072 Feb 21 j 11:25	14°♒27'21	20°50'31
retrograde	-5072 Mar 03 j 17:32	19°♒48'25	
evening set	-5072 Mar 06 j 03:57	19°♒34'21	

inferior conj	-5072 Mar 15 j 05:41	15°♒36'20	0°56'26
minimum elong	-5072 Mar 15 j 08:11	15°♒32'44	0°55'23
min. Earth dist.	-5072 Mar 16 j 07:36	14°♒59'04	0.55315 AU
desc. node	-5072 Mar 18 j 16:32	13°♒40'14	
morning rise	-5072 Mar 24 j 11:04	11°♒22'59	
direct	-5072 Mar 27 j 16:47	11°♒00'09	
morning max el	-5072 Apr 09 j 20:28	17°♒23'21	22°45'55
	-5072 Apr 19 j 21:43	0°♓	
morning set	-5072 May 02 j 03:24	22°♓38'47	
asc. node	-5072 May 02 j 09:21	23°♓09'49	
	-5072 May 05 j 14:55	0°♈	
superior conj	-5072 May 09 j 09:11	8°♈00'57	1°06'23
minimum elong	-5072 May 09 j 06:40	7°♈47'35	1°05'58
max. Earth dist.	-5072 May 12 j 01:58	13°♈41'26	1.34132 AU
evening rise	-5072 May 17 j 05:10	24°♈05'36	
	-5072 May 20 j 06:44	0°♉	
	-5072 Jun 07 j 11:31	0°♊	
desc. node	-5072 Jun 14 j 14:51	9°♊19'30	
evening max el	-5072 Jun 20 j 12:53	15°♊45'04	27°16'25
retrograde	-5072 Jul 03 j 23:58	23°♊10'27	
evening set	-5072 Jul 11 j 00:26	20°♊24'27	
min. Earth dist.	-5072 Jul 14 j 17:48	16°♊51'37	0.64554 AU
inferior conj	-5072 Jul 16 j 23:49	14°♊22'37	-3°-27'-6
minimum elong	-5072 Jul 17 j 03:20	14°♊12'54	3°26'03
morning rise	-5072 Jul 23 j 07:46	8°♊52'18	
direct	-5072 Jul 26 j 01:29	8°♊12'52	
asc. node	-5072 Jul 29 j 09:02	9°♊09'52	
morning max el	-5072 Aug 01 j 13:55	11°♊42'25	18°08'50
	-5072 Aug 14 j 04:11	0°♋	
morning set	-5072 Aug 19 j 14:18	9°♋07'42	
	-5072 Sep 01 j 05:06	0°♌	
superior conj	-5072 Sep 02 j 06:59	1°♌44'21	0°50'40
minimum elong	-5072 Sep 02 j 12:23	2°♌06'06	0°50'15
max. Earth dist.	-5072 Sep 06 j 12:57	8°♌31'51	1.44391 AU
desc. node	-5072 Sep 10 j 14:00	14°♌55'06	
evening rise	-5072 Sep 18 j 21:45	27°♌53'57	
	-5072 Sep 20 j 06:18	0°♍	
greatest brilliancy	-5072 Oct 07 j 04:48	25°♍29'47	-0.6m
	-5072 Oct 10 j 12:46	0°♎	
evening max el	-5072 Oct 14 j 15:35	4°♎49'54	19°57'38
retrograde	-5072 Oct 22 j 05:31	9°♎15'43	
asc. node	-5072 Oct 25 j 07:53	8°♎19'51	
evening set	-5072 Oct 25 j 17:34	8°♎04'17	
inferior conj	-5072 Oct 31 j 07:13	2°♎00'54	1°56'19
minimum elong	-5072 Oct 31 j 04:44	2°♎09'06	1°55'25
min. Earth dist.	-5072 Nov 01 j 05:28	0°♎47'14	0.66484 AU
	-5072 Nov 01 j 19:56	30°℞♍	
morning rise	-5072 Nov 05 j 15:14	25°♍44'38	
direct	-5072 Nov 11 j 10:57	23°♍13'03	
	-5072 Nov 23 j 01:58	0°♎	
morning max el	-5072 Nov 23 j 08:43	0°♎16'50	25°17'44
desc. node	-5072 Dec 07 j 14:15	17°♎52'16	
	-5072 Dec 15 j 18:51	0°♏	
morning set	-5072 Dec 29 j 12:41	22°♏58'34	
	-5071 Jan 02 j 08:31	0°♐	
max. Earth dist.	-5071 Jan 02 j 08:06	29°♏58'04	1.36692 AU
superior conj	-5071 Jan 08 j 08:30	11°♐34'12	-1°-41'-46
minimum elong	-5071 Jan 08 j 11:06	11°♐47'04	1°41'51
evening rise	-5071 Jan 16 j 13:14	28°♐05'52	
	-5071 Jan 17 j 11:58	0°♑	
asc. node	-5071 Jan 21 j 06:41	7°♑23'19	
evening max el	-5071 Feb 02 j 23:40	26°♑11'16	19°40'33
	-5071 Feb 08 j 17:02	0°♒	
retrograde	-5071 Feb 12 j 13:38	0°♒43'24	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening set	-5071 Feb 14 j 22:15	0°♒28'10	
	-5071 Feb 16 j 14:36	30°℞♑	
inferior conj	-5071 Feb 23 j 09:49	26°♑24'24	2°35'10
minimum elong	-5071 Feb 23 j 14:59	26°♑16'12	2°33'33
min. Earth dist.	-5071 Feb 25 j 22:13	24°♑48'55	0.56200 AU
morning rise	-5071 Mar 04 j 04:17	21°♑43'36	
desc. node	-5071 Mar 05 j 13:39	21°♑20'48	
direct	-5071 Mar 08 j 13:21	21°♑00'31	
morning max el	-5071 Mar 22 j 12:30	28°♑02'50	24°24'30
	-5071 Mar 24 j 10:52	0°♒	
	-5071 Apr 12 j 21:12	0°♓	
morning set	-5071 Apr 16 j 15:37	7°♓41'39	
asc. node	-5071 Apr 19 j 06:18	13°♓14'41	
superior conj	-5071 Apr 23 j 17:36	22°♓54'30	0°44'42
minimum elong	-5071 Apr 23 j 15:45	22°♓44'29	0°44'17
max. Earth dist.	-5071 Apr 25 j 07:39	26°♓19'22	1.33289 AU
	-5071 Apr 27 j 01:03	0°♈	
evening rise	-5071 May 01 j 03:18	8°♈29'14	
	-5071 May 12 j 17:19	0°♉	
desc. node	-5071 Jun 01 j 12:00	27°♉14'39	
evening max el	-5071 Jun 02 j 22:22	28°♉39'54	27°24'29
	-5071 Jun 04 j 09:01	0°♊	
retrograde	-5071 Jun 16 j 17:29	6°♊05'22	
evening set	-5071 Jun 23 j 20:11	3°♊32'59	
min. Earth dist.	-5071 Jun 27 j 10:26	0°♊30'24	0.62928 AU
	-5071 Jun 27 j 23:01	30°℞♉	
inferior conj	-5071 Jun 30 j 06:10	27°♉42'49	-3°-57'-2
minimum elong	-5071 Jun 30 j 08:53	27°♉36'03	3°56'28
morning rise	-5071 Jul 06 j 23:48	22°♉31'10	
direct	-5071 Jul 09 j 13:58	21°♉59'32	
morning max el	-5071 Jul 16 j 04:34	25°♉23'25	17°57'16
asc. node	-5071 Jul 16 j 06:04	25°♉27'08	
	-5071 Jul 20 j 00:54	0°♊	
morning set	-5071 Aug 01 j 18:54	21°♊11'30	
	-5071 Aug 06 j 19:10	0°♋	
superior conj	-5071 Aug 13 j 13:33	11°♋34'50	1°24'37
minimum elong	-5071 Aug 13 j 19:05	11°♋58'02	1°24'22
max. Earth dist.	-5071 Aug 20 j 02:50	22°♋22'56	1.43331 AU
	-5071 Aug 24 j 21:08	0°♌	
desc. node	-5071 Aug 28 j 10:57	5°♌36'42	
evening rise	-5071 Aug 29 j 01:02	6°♌31'25	
	-5071 Sep 13 j 15:06	0°♍	
greatest brilliancy	-5071 Sep 22 j 03:27	11°♍47'17	-0.5m
evening max el	-5071 Sep 27 j 15:51	18°♍15'43	21°03'27
retrograde	-5071 Oct 06 j 02:21	23°♍15'07	
evening set	-5071 Oct 10 j 01:14	21°♍46'40	
asc. node	-5071 Oct 12 j 05:01	19°♍44'51	
inferior conj	-5071 Oct 15 j 11:25	15°♍34'25	1°05'50
minimum elong	-5071 Oct 15 j 09:56	15°♍39'29	1°05'18
min. Earth dist.	-5071 Oct 15 j 22:28	14°♍56'40	0.67071 AU
morning rise	-5071 Oct 20 j 18:14	9°♍16'20	
direct	-5071 Oct 25 j 22:43	7°♍04'06	
morning max el	-5071 Nov 05 j 17:31	13°♍30'44	23°54'10
	-5071 Nov 19 j 01:43	0°♎	
desc. node	-5071 Nov 24 j 11:07	7°♎43'07	
	-5071 Dec 08 j 16:00	0°♏	
morning set	-5071 Dec 11 j 03:15	4°♏10'02	
max. Earth dist.	-5071 Dec 15 j 04:18	11°♏12'13	1.38669 AU
superior conj	-5071 Dec 22 j 11:12	24°♏33'34	-1°-51'-17
minimum elong	-5071 Dec 22 j 12:20	24°♏38'53	1°51'28
	-5071 Dec 25 j 07:31	0°♐	
evening rise	-5071 Dec 31 j 10:32	11°♐57'10	
asc. node	-5070 Jan 08 j 03:45	26°♐23'58	
	-5070 Jan 10 j 07:58	0°♑	
evening max el	-5070 Jan 16 j 21:43	8°♑28'46	18°49'36
retrograde	-5070 Jan 25 j 01:52	12°♑24'52	
evening set	-5070 Jan 27 j 12:30	12°♑05'12	
inferior conj	-5070 Feb 04 j 07:46	7°♑44'07	3°37'55
minimum elong	-5070 Feb 04 j 11:39	7°♑37'00	3°37'02
min. Earth dist.	-5070 Feb 07 j 13:58	5°♑21'56	0.57778 AU
morning rise	-5070 Feb 12 j 07:10	2°♑35'43	
direct	-5070 Feb 17 j 22:26	1°♑18'47	
desc. node	-5070 Feb 20 j 10:45	1°♑34'06	
morning max el	-5070 Mar 04 j 03:42	8°♑42'25	25°55'09
	-5070 Mar 20 j 03:25	0°♒	
morning set	-5070 Apr 01 j 03:32	22°♒43'53	
	-5070 Apr 04 j 13:18	0°♓	
asc. node	-5070 Apr 06 j 03:16	3°♓26'18	
superior conj	-5070 Apr 08 j 04:32	7°♓55'12	0°21'08
minimum elong	-5070 Apr 08 j 03:37	7°♓50'11	0°20'50
max. Earth dist.	-5070 Apr 08 j 19:10	9°♓15'03	1.32788 AU
evening rise	-5070 Apr 15 j 08:04	23°♓12'38	
	-5070 Apr 18 j 16:49	0°♈	
	-5070 May 06 j 17:08	0°♉	
evening max el	-5070 May 16 j 03:48	11°♉00'23	27°00'04
desc. node	-5070 May 19 j 09:10	13°♉49'22	
retrograde	-5070 May 30 j 03:45	18°♉22'38	
evening set	-5070 Jun 05 j 23:02	16°♉17'37	
min. Earth dist.	-5070 Jun 09 j 17:19	13°♉32'47	0.61008 AU
inferior conj	-5070 Jun 12 j 23:35	10°♉42'39	-4°-11'-35
minimum elong	-5070 Jun 13 j 00:17	10°♉41'08	4°11'25
morning rise	-5070 Jun 20 j 04:32	5°♉52'04	
direct	-5070 Jun 22 j 16:48	5°♉26'25	
morning max el	-5070 Jun 29 j 17:34	8°♉54'25	18°04'35
asc. node	-5070 Jul 03 j 03:06	12°♉50'14	
	-5070 Jul 13 j 11:44	0°♊	
morning set	-5070 Jul 15 j 17:49	4°♊09'12	
superior conj	-5070 Jul 25 j 23:41	22°♊47'40	1°43'34
minimum elong	-5070 Jul 26 j 02:37	23°♊00'36	1°43'42
	-5070 Jul 30 j 03:05	0°♋	
max. Earth dist.	-5070 Aug 02 j 11:45	5°♋41'10	1.41753 AU
evening rise	-5070 Aug 08 j 13:06	15°♋35'13	
desc. node	-5070 Aug 15 j 07:56	26°♋12'45	
	-5070 Aug 17 j 19:42	0°♌	
greatest brilliancy	-5070 Sep 05 j 16:36	26°♌21'43	-0.3m
	-5070 Sep 08 j 19:44	0°♍	
evening max el	-5070 Sep 10 j 09:55	1°♍40'47	22°19'16
retrograde	-5070 Sep 19 j 21:27	7°♍18'23	
evening set	-5070 Sep 24 j 09:18	5°♍30'34	
asc. node	-5070 Sep 29 j 02:09	0°♍06'07	
	-5070 Sep 29 j 03:56	30°℞♌	
inferior conj	-5070 Sep 29 j 17:37	29°♌12'47	0°13'10
minimum elong	-5070 Sep 29 j 17:19	29°♌13'51	0°13'11
transit middle	-5070 Sep 29 j 17:19	29°♌13'51	0°13'11
transit begin	-5070 Sep 29 j 15:43	29°♌19'23	
transit end	-5070 Sep 29 j 18:55	29°♌08'20	
min. Earth dist.	-5070 Sep 29 j 18:14	29°♌10'40	0.67354 AU
morning rise	-5070 Oct 05 j 01:11	22°♌55'57	
direct	-5070 Oct 09 j 14:44	21°♌05'09	
morning max el	-5070 Oct 19 j 04:58	26°♌48'15	22°28'20
	-5070 Oct 22 j 03:15	0°♍	
greatest brilliancy	-5070 Oct 23 j 22:20	2°♍08'20	-0.3m
desc. node	-5070 Nov 11 j 08:01	27°♍54'42	
	-5070 Nov 12 j 16:55	0°♎	
morning set	-5070 Nov 21 j 13:55	13°♎58'58	
max. Earth dist.	-5070 Nov 27 j 02:21	23°♎07'28	1.40728 AU
	-5070 Dec 01 j 02:26	0°♏	
superior conj	-5070 Dec 04 j 20:26	6°♏38'13	-1°-51'-5

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5070 Dec 04 j 18:48	6°♏30'54	1°51'12	
evening rise	-5070 Dec 14 j 22:07	25°♏15'41		
	-5070 Dec 17 j 10:49	0°♐		
asc. node	-5070 Dec 26 j 00:49	14°♐49'19		
evening max el	-5070 Dec 31 j 03:27	21°♐13'48	18°18'44	
retrograde	-5069 Jan 07 j 08:45	24°♐49'33		
evening set	-5069 Jan 09 j 21:30	24°♐24'07		
inferior conj	-5069 Jan 17 j 02:03	19°♐41'11	4°04'09	
minimum elong	-5069 Jan 17 j 03:00	19°♐39'11	4°03'50	
min. Earth dist.	-5069 Jan 20 j 09:48	16°♐52'30	0.59710 AU	
morning rise	-5069 Jan 24 j 05:28	14°♐10'52		
direct	-5069 Jan 30 j 19:12	12°♐15'12		
desc. node	-5069 Feb 07 j 07:50	14°♐34'15		
morning max el	-5069 Feb 13 j 23:41	19°♐49'37	27°02'57	
	-5069 Feb 22 j 17:04	0°♑		
	-5069 Mar 12 j 18:40	0°♒		
morning set	-5069 Mar 16 j 13:24	7°♒39'07		
superior conj	-5069 Mar 23 j 16:17	22°♒56'52	0°-3'-26	
minimum elong	-5069 Mar 23 j 16:26	22°♒57'44	0°03'36	
behind sun begin	-5069 Mar 23 j 11:33	22°♒30'58		
behind sun end	-5069 Mar 23 j 21:20	23°♒24'29		
max. Earth dist.	-5069 Mar 23 j 08:49	22°♒16'04	1.32616 AU	
asc. node	-5069 Mar 24 j 00:14	23°♒40'22		
	-5069 Mar 26 j 21:49	0°♓		
evening rise	-5069 Mar 30 j 17:02	8°♓07'05		
	-5069 Apr 11 j 05:19	0°♈		
evening max el	-5069 Apr 28 j 03:04	22°♈38'43	26°03'52	
desc. node	-5069 May 06 j 06:21	28°♈31'08		
retrograde	-5069 May 12 j 05:17	29°♈55'37		
evening set	-5069 May 18 j 05:22	28°♈27'12		
min. Earth dist.	-5069 May 22 j 15:43	25°♈43'42	0.58970 AU	
inferior conj	-5069 May 26 j 00:21	23°♈11'55	-4°-2'-49	
minimum elong	-5069 May 25 j 21:55	23°♈16'33	4°02'31	
morning rise	-5069 Jun 02 j 18:20	18°♈43'28		
direct	-5069 Jun 05 j 05:32	18°♈22'45		
morning max el	-5069 Jun 13 j 02:07	22°♈07'01	18°31'34	
	-5069 Jun 19 j 07:45	0°♉		
asc. node	-5069 Jun 20 j 00:07	1°♉04'12		
morning set	-5069 Jun 29 j 06:11	17°♉47'58		
	-5069 Jul 05 j 14:48	0°♊		
superior conj	-5069 Jul 08 j 09:06	5°♊11'12	1°49'30	
minimum elong	-5069 Jul 08 j 09:16	5°♊12'01	1°49'45	
max. Earth dist.	-5069 Jul 15 j 15:19	18°♊16'07	1.39869 AU	
evening rise	-5069 Jul 20 j 00:40	25°♊46'25		
	-5069 Jul 22 j 13:52	0°♋		
desc. node	-5069 Aug 02 j 04:58	16°♋38'47		
	-5069 Aug 11 j 12:43	0°♌		
evening max el	-5069 Aug 23 j 22:56	15°♌05'50	23°40'01	
retrograde	-5069 Sep 03 j 13:37	21°♌22'01		
evening set	-5069 Sep 08 j 15:58	19°♌13'59		
min. Earth dist.	-5069 Sep 13 j 14:22	13°♌27'00	0.67338 AU	
inferior conj	-5069 Sep 14 j 00:03	12°♌53'54	0°-39'-59	
minimum elong	-5069 Sep 14 j 00:58	12°♌50'46	0°39'24	
asc. node	-5069 Sep 15 j 23:19	10°♌16'31		
morning rise	-5069 Sep 19 j 10:05	6°♌41'26		
direct	-5069 Sep 23 j 10:09	5°♌11'17		
morning max el	-5069 Oct 01 j 22:05	10°♌12'14	21°07'51	
greatest brilliancy	-5069 Oct 07 j 11:27	16°♌42'38	-0.5m	
	-5069 Oct 17 j 00:49	0°♍		
desc. node	-5069 Oct 29 j 04:53	18°♍20'13		
morning set	-5069 Oct 31 j 22:43	22°♍36'21		
	-5069 Nov 05 j 14:51	0°♎		
max. Earth dist.	-5069 Nov 09 j 06:47	5°♎55'16	1.42567 AU	
superior conj	-5069 Nov 16 j 06:21	17°♎33'07	-1°-37'-37	
minimum elong	-5069 Nov 16 j 01:18	17°♎11'40	1°37'20	
	-5069 Nov 23 j 10:17	0°♏		
evening rise	-5069 Nov 27 j 20:14	7°♏53'02		
	-5069 Dec 10 j 23:50	0°♐		
asc. node	-5069 Dec 12 j 21:56	2°♐28'29		
evening max el	-5069 Dec 14 j 14:05	4°♐18'40	18°07'52	
retrograde	-5069 Dec 21 j 07:05	7°♐47'37		
evening set	-5069 Dec 23 j 22:09	7°♐15'30		
inferior conj	-5069 Dec 30 j 14:28	2°♐10'46	4°02'13	
minimum elong	-5069 Dec 30 j 12:54	2°♐14'34	4°01'51	
	-5068 Jan 01 j 19:52	30°℞♏		
min. Earth dist.	-5068 Jan 02 j 13:17	29°♏18'38	0.61669 AU	
morning rise	-5068 Jan 06 j 01:23	26°♏24'24		
direct	-5068 Jan 13 j 01:55	23°♏56'31		
desc. node	-5068 Jan 25 j 04:53	29°♏51'57		
	-5068 Jan 25 j 08:31	0°♐		
morning max el	-5068 Jan 27 j 02:12	1°♐37'28	27°37'43	
	-5068 Feb 16 j 21:03	0°♑		
morning set	-5068 Feb 28 j 19:17	22°♑20'29		
	-5068 Mar 03 j 11:17	0°♒		
max. Earth dist.	-5068 Mar 05 j 20:43	5°♒08'25	1.32782 AU	
superior conj	-5068 Mar 07 j 03:14	7°♒53'59	0°-28'-8	
minimum elong	-5068 Mar 07 j 04:29	8°♒00'46	0°28'08	
asc. node	-5068 Mar 09 j 21:13	13°♒53'05		
evening rise	-5068 Mar 14 j 04:13	23°♒05'40		
	-5068 Mar 17 j 12:50	0°♓		
	-5068 Apr 05 j 08:55	0°♈		
evening max el	-5068 Apr 08 j 20:48	3°♈40'41	24°43'03	
desc. node	-5068 Apr 22 j 03:33	10°♈43'55		
retrograde	-5068 Apr 22 j 20:18	10°♈45'03		
evening set	-5068 Apr 27 j 15:05	9°♈52'56		
min. Earth dist.	-5068 May 03 j 08:59	6°♈55'00	0.57103 AU	
inferior conj	-5068 May 06 j 05:35	5°♈02'47	-3°-21'-8	
minimum elong	-5068 May 06 j 00:22	5°♈11'22	3°20'03	
morning rise	-5068 May 14 j 13:54	0°♈53'45		
direct	-5068 May 17 j 00:08	0°♈37'05		
morning max el	-5068 May 26 j 03:25	4°♈52'28	19°18'45	
asc. node	-5068 Jun 05 j 21:08	19°♈57'21		
	-5068 Jun 11 j 04:17	0°♉		
morning set	-5068 Jun 12 j 04:16	1°♉58'33		
superior conj	-5068 Jun 20 j 12:02	18°♉29'38	1°45'27	
minimum elong	-5068 Jun 20 j 10:20	18°♉21'22	1°45'34	
max. Earth dist.	-5068 Jun 26 j 16:41	0°♊13'26	1.37944 AU	
	-5068 Jun 26 j 13:45	0°♊		
evening rise	-5068 Jun 30 j 14:39	7°♊16'17		
	-5068 Jul 14 j 11:29	0°♋		
desc. node	-5068 Jul 19 j 02:01	6°♋49'46		
evening max el	-5068 Aug 05 j 09:33	28°♋33'44	24°58'49	
	-5068 Aug 06 j 21:46	0°♌		
retrograde	-5068 Aug 17 j 01:57	5°♌22'43		
evening set	-5068 Aug 22 j 19:26	2°♌55'57		
	-5068 Aug 25 j 14:07	30°℞♋		
min. Earth dist.	-5068 Aug 27 j 08:30	27°♋44'49	0.67013 AU	
inferior conj	-5068 Aug 28 j 05:01	26°♋36'57	-1°-31'-58	
minimum elong	-5068 Aug 28 j 07:05	26°♋30'05	1°30'54	
asc. node	-5068 Sep 01 j 20:29	21°♋15'29		
morning rise	-5068 Sep 02 j 19:09	20°♋31'55		
direct	-5068 Sep 06 j 07:46	19°♋19'57		
morning max el	-5068 Sep 13 j 22:17	23°♋44'45	19°58'11	
	-5068 Sep 19 j 04:00	0°♌		
greatest brilliancy	-5068 Sep 21 j 11:58	3°♌10'44	-0.6m	
	-5068 Oct 09 j 08:16	0°♍		
morning set	-5068 Oct 09 j 21:33	0°♍51'31		
desc. node	-5068 Oct 15 j 01:45	8°♍55'20		
max. Earth dist.	-5068 Oct 21 j 17:50	19°♍27'37	1.43944 AU	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5068 Oct 26 j 12:47	27°♍09'54	-1°-8'-6
minimum elong	-5068 Oct 26 j 06:13	26°♍43'16	1°07'22
	-5068 Oct 28 j 06:33	0°♎	
evening rise	-5068 Nov 09 j 00:22	19°♎39'36	
	-5068 Nov 15 j 01:54	0°♏	
evening max el	-5068 Nov 27 j 02:49	17°♏36'04	18°16'12
asc. node	-5068 Nov 28 j 19:06	19°♏07'48	
retrograde	-5068 Dec 03 j 16:19	21°♏09'14	
evening set	-5068 Dec 06 j 10:50	20°♏29'01	
inferior conj	-5068 Dec 12 j 17:12	15°♏04'17	3°40'49
minimum elong	-5068 Dec 12 j 14:17	15°♏12'17	3°40'07
min. Earth dist.	-5068 Dec 15 j 02:27	12°♏27'58	0.63441 AU
morning rise	-5068 Dec 18 j 16:06	9°♏06'04	
direct	-5068 Dec 25 j 16:47	6°♏19'50	
morning max el	-5067 Jan 08 j 09:28	14°♏02'24	27°36'18
desc. node	-5067 Jan 11 j 01:54	16°♏50'26	
	-5067 Jan 21 j 09:41	0°♐	
	-5067 Feb 08 j 08:59	0°♑	
morning set	-5067 Feb 11 j 18:38	6°♑38'17	
max. Earth dist.	-5067 Feb 17 j 02:45	17°♑36'59	1.33326 AU
superior conj	-5067 Feb 19 j 11:35	22°♑39'24	0°-52'-7
minimum elong	-5067 Feb 19 j 13:47	22°♑51'11	0°52'00
	-5067 Feb 22 j 21:31	0°♒	
asc. node	-5067 Feb 24 j 18:12	3°♒59'33	
evening rise	-5067 Feb 26 j 15:45	8°♒00'46	
	-5067 Mar 10 j 08:14	0°♓	
evening max el	-5067 Mar 21 j 13:09	14°♓25'33	23°09'59
retrograde	-5067 Apr 03 j 22:36	21°♓01'12	
evening set	-5067 Apr 07 j 10:47	20°♓34'16	
desc. node	-5067 Apr 09 j 00:46	20°♓05'34	
min. Earth dist.	-5067 Apr 15 j 00:05	17°♓10'06	0.55754 AU
inferior conj	-5067 Apr 16 j 15:25	16°♓12'24	-2°00'-30
minimum elong	-5067 Apr 16 j 10:34	16°♓19'33	1°59'08
morning rise	-5067 Apr 25 j 13:21	12°♓13'53	
direct	-5067 Apr 28 j 00:33	11°♓59'07	
morning max el	-5067 May 08 j 18:50	17°♓00'25	20°25'56
	-5067 May 18 j 14:58	0°♈	
asc. node	-5067 May 23 j 18:05	9°♈19'13	
morning set	-5067 May 27 j 09:03	16°♈32'14	
	-5067 Jun 02 j 22:26	0°♉	
superior conj	-5067 Jun 04 j 03:27	2°♉27'32	1°34'07
minimum elong	-5067 Jun 04 j 00:52	2°♉14'23	1°33'59
max. Earth dist.	-5067 Jun 08 j 22:24	11°♉57'53	1.36204 AU
evening rise	-5067 Jun 13 j 02:52	19°♉53'38	
	-5067 Jun 18 j 18:36	0°♊	
desc. node	-5067 Jul 05 j 23:08	26°♊38'24	
	-5067 Jul 08 j 11:11	0°♋	
evening max el	-5067 Jul 18 j 20:15	12°♋03'59	26°07'46
retrograde	-5067 Jul 31 j 09:43	19°♋14'52	
evening set	-5067 Aug 06 j 17:36	16°♋33'57	
min. Earth dist.	-5067 Aug 10 j 22:12	12°♋01'06	0.66350 AU
inferior conj	-5067 Aug 12 j 06:39	10°♋19'21	-2°-21'-1
minimum elong	-5067 Aug 12 j 09:39	10°♋09'53	2°19'42
morning rise	-5067 Aug 18 j 02:27	4°♋25'06	
asc. node	-5067 Aug 19 j 17:36	3°♋41'16	
direct	-5067 Aug 21 j 05:59	3°♋28'04	
morning max el	-5067 Aug 28 j 05:07	7°♋24'41	19°02'48
	-5067 Sep 13 j 04:04	0°♌	
morning set	-5067 Sep 19 j 09:22	9°♌49'06	
desc. node	-5067 Oct 01 j 22:39	29°♌36'36	
	-5067 Oct 02 j 04:35	0°♍	
max. Earth dist.	-5067 Oct 04 j 09:56	3°♍30'20	1.44687 AU
superior conj	-5067 Oct 05 j 19:26	5°♍42'38	0°-24'-9
minimum elong	-5067 Oct 05 j 16:21	5°♍30'27	0°23'37
	-5067 Oct 20 j 23:25	0°♎	
evening rise	-5067 Oct 21 j 05:47	0°♎25'53	
	-5067 Nov 09 j 16:26	0°♏	
evening max el	-5067 Nov 10 j 14:57	1°♏00'39	18°42'36
asc. node	-5067 Nov 15 j 16:16	4°♏31'50	
retrograde	-5067 Nov 17 j 08:29	4°♏47'22	
evening set	-5067 Nov 20 j 08:12	3°♏56'59	
	-5067 Nov 24 j 18:52	30°℞♎	
inferior conj	-5067 Nov 26 j 06:40	28°♎14'45	3°06'29
minimum elong	-5067 Nov 26 j 03:23	28°♎24'34	3°05'31
min. Earth dist.	-5067 Nov 28 j 01:24	26°♎06'41	0.64902 AU
morning rise	-5067 Dec 01 j 21:26	22°♎07'39	
direct	-5067 Dec 08 j 14:22	19°♎18'14	
morning max el	-5067 Dec 21 j 18:53	26°♎54'18	27°01'46
	-5067 Dec 24 j 17:21	0°♏	
desc. node	-5067 Dec 28 j 22:51	5°♏00'23	
	-5066 Jan 15 j 00:01	0°♐	
morning set	-5066 Jan 26 j 08:20	20°♐22'11	
max. Earth dist.	-5066 Jan 30 j 23:21	29°♐32'10	1.34293 AU
	-5066 Jan 31 j 04:50	0°♑	
superior conj	-5066 Feb 03 j 15:23	7°♑06'27	-1°-14'-15
minimum elong	-5066 Feb 03 j 18:13	7°♑21'19	1°14'08
evening rise	-5066 Feb 11 j 01:55	22°♑46'20	
asc. node	-5066 Feb 11 j 15:13	23°♑55'16	
	-5066 Feb 14 j 15:14	0°♒	
evening max el	-5066 Mar 03 j 10:12	25°♒19'53	21°38'16
	-5066 Mar 10 j 03:43	0°♓	
retrograde	-5066 Mar 15 j 14:01	1°♓09'50	
evening set	-5066 Mar 18 j 06:01	0°♓53'52	
	-5066 Mar 21 j 07:07	30°℞♒	
desc. node	-5066 Mar 26 j 21:57	27°♒12'54	
inferior conj	-5066 Mar 27 j 12:34	26°♒52'20	0°-10'-2
minimum elong	-5066 Mar 27 j 12:05	26°♒53'00	0°10'04
transit middle	-5066 Mar 27 j 12:05	26°♒53'00	0°10'04
transit begin	-5066 Mar 27 j 08:55	26°♒57'28	
transit end	-5066 Mar 27 j 15:15	26°♒48'32	
min. Earth dist.	-5066 Mar 27 j 14:21	26°♒49'49	0.55215 AU
morning rise	-5066 Apr 05 j 18:24	22°♒49'28	
direct	-5066 Apr 08 j 14:10	22°♒31'48	
morning max el	-5066 Apr 20 j 23:11	28°♒26'05	21°51'01
	-5066 Apr 22 j 12:57	0°♓	
asc. node	-5066 May 10 j 15:01	29°♓02'23	
	-5066 May 11 j 02:16	0°♈	
morning set	-5066 May 11 j 18:14	1°♈22'17	
superior conj	-5066 May 19 j 03:36	16°♈53'46	1°17'36
minimum elong	-5066 May 19 j 00:53	16°♈39'34	1°17'16
max. Earth dist.	-5066 May 22 j 13:35	23°♈56'57	1.34788 AU
	-5066 May 25 j 14:07	0°♉	
evening rise	-5066 May 27 j 07:47	3°♉22'57	
	-5066 Jun 11 j 15:03	0°♊	
desc. node	-5066 Jun 22 j 20:18	15°♊54'39	
evening max el	-5066 Jul 01 j 07:38	25°♊29'34	26°58'31
	-5066 Jul 06 j 17:45	0°♋	
retrograde	-5066 Jul 14 j 12:09	2°♋51'19	
evening set	-5066 Jul 21 j 07:59	0°♋04'11	
	-5066 Jul 21 j 10:00	30°℞♊	
min. Earth dist.	-5066 Jul 25 j 05:03	26°♊10'11	0.65320 AU
inferior conj	-5066 Jul 27 j 02:48	23°♊57'06	-3°-5'-4
minimum elong	-5066 Jul 27 j 06:20	23°♊46'49	3°03'51
morning rise	-5066 Aug 02 j 05:51	18°♊16'59	
direct	-5066 Aug 05 j 02:37	17°♊31'49	
asc. node	-5066 Aug 06 j 14:40	17°♊44'07	
morning max el	-5066 Aug 11 j 16:52	21°♊08'34	18°23'35
	-5066 Aug 18 j 12:28	0°♋	
morning set	-5066 Aug 30 j 22:57	20°♋01'55	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5066 Sep 06 j 01:35	0°♌	
superior conj	-5066 Sep 14 j 19:18	13°♌59'55	0°25'04
minimum elong	-5066 Sep 14 j 22:27	14°♌12'22	0°24'52
max. Earth dist.	-5066 Sep 17 j 04:07	17°♌44'43	1.44710 AU
desc. node	-5066 Sep 18 j 19:34	20°♌20'22	
	-5066 Sep 24 j 23:06	0°♍	
evening rise	-5066 Oct 01 j 09:53	10°♍06'34	
	-5066 Oct 14 j 05:13	0°♎	
greatest brilliancy	-5066 Oct 15 j 13:56	2°♎02'43	-0.7m
evening max el	-5066 Oct 24 j 23:55	14°♎27'26	19°25'49
retrograde	-5066 Nov 01 j 04:24	18°♎36'24	
asc. node	-5066 Nov 02 j 13:26	18°♎25'26	
evening set	-5066 Nov 04 j 11:23	17°♎33'18	
inferior conj	-5066 Nov 10 j 03:44	11°♎36'35	2°23'38
minimum elong	-5066 Nov 10 j 00:50	11°♎45'56	2°22'37
min. Earth dist.	-5066 Nov 11 j 08:57	10°♎02'44	0.66010 AU
morning rise	-5066 Nov 15 j 13:31	5°♎23'04	
direct	-5066 Nov 21 j 17:43	2°♎42'45	
morning max el	-5066 Dec 04 j 04:21	10°♎01'18	26°01'03
desc. node	-5066 Dec 15 j 19:47	24°♎00'19	
	-5066 Dec 20 j 02:11	0°♏	
	-5065 Jan 07 j 12:39	0°♐	
morning set	-5065 Jan 09 j 08:09	3°♐19'02	
max. Earth dist.	-5065 Jan 13 j 08:30	10°♐54'33	1.35705 AU
superior conj	-5065 Jan 18 j 12:06	21°♐07'01	-1°-33'-8
minimum elong	-5065 Jan 18 j 15:02	21°♐21'50	1°33'06
	-5065 Jan 22 j 20:07	0°♑	
evening rise	-5065 Jan 26 j 08:50	7°♑16'00	
asc. node	-5065 Jan 29 j 12:15	13°♑34'52	
	-5065 Feb 08 j 00:32	0°♒	
evening max el	-5065 Feb 13 j 16:18	6°♒42'46	20°18'28
retrograde	-5065 Feb 24 j 04:48	11°♒41'46	
evening set	-5065 Feb 26 j 13:48	11°♒27'37	
inferior conj	-5065 Mar 07 j 10:07	7°♒28'49	1°42'00
minimum elong	-5065 Mar 07 j 14:15	7°♒22'39	1°40'29
min. Earth dist.	-5065 Mar 09 j 04:19	6°♒26'15	0.55595 AU
desc. node	-5065 Mar 13 j 19:04	4°♒01'55	
morning rise	-5065 Mar 16 j 12:21	3°♒05'06	
direct	-5065 Mar 20 j 04:46	2°♒35'26	
morning max el	-5065 Apr 02 j 18:18	9°♒16'38	23°27'56
	-5065 Apr 17 j 20:03	0°♓	
morning set	-5065 Apr 26 j 05:52	16°♓22'44	
asc. node	-5065 Apr 27 j 11:57	19°♓01'04	
	-5065 May 02 j 15:02	0°♈	
superior conj	-5065 May 03 j 09:39	1°♈39'48	0°57'27
minimum elong	-5065 May 03 j 07:23	1°♈27'36	0°57'03
max. Earth dist.	-5065 May 05 j 14:43	6°♈21'57	1.33731 AU
evening rise	-5065 May 11 j 00:43	17°♈30'21	
	-5065 May 17 j 14:12	0°♉	
	-5065 Jun 06 j 00:51	0°♊	
desc. node	-5065 Jun 09 j 17:26	4°♊25'03	
evening max el	-5065 Jun 13 j 18:23	8°♊39'23	27°23'42
retrograde	-5065 Jun 27 j 08:58	16°♊04'40	
evening set	-5065 Jul 04 j 11:34	13°♊22'43	
min. Earth dist.	-5065 Jul 08 j 03:03	10°♊04'05	0.63907 AU
inferior conj	-5065 Jul 10 j 15:03	7°♊25'49	-3°-41'-18
minimum elong	-5065 Jul 10 j 18:22	7°♊17'03	3°40'26
morning rise	-5065 Jul 17 j 02:55	2°♊03'09	
direct	-5065 Jul 19 j 19:01	1°♊27'10	
asc. node	-5065 Jul 24 j 11:42	3°♊16'58	
morning max el	-5065 Jul 26 j 07:16	4°♊52'49	18°01'44
	-5065 Aug 11 j 17:55	0°♋	
morning set	-5065 Aug 12 j 14:40	1°♋29'16	
superior conj	-5065 Aug 25 j 10:54	23°♋06'04	1°06'54
minimum elong	-5065 Aug 25 j 16:53	23°♋30'34	1°06'29
	-5065 Aug 29 j 17:04	0°♌	
max. Earth dist.	-5065 Aug 30 j 20:47	1°♌51'03	1.44017 AU
desc. node	-5065 Sep 05 j 16:32	11°♌03'52	
evening rise	-5065 Sep 10 j 17:51	18°♌55'54	
	-5065 Sep 17 j 23:13	0°♍	
greatest brilliancy	-5065 Oct 01 j 15:56	20°♍00'20	-0.6m
evening max el	-5065 Oct 08 j 03:41	27°♍53'53	20°24'02
	-5065 Oct 10 j 09:48	0°♎	
retrograde	-5065 Oct 16 j 01:35	2°♎33'09	
evening set	-5065 Oct 19 j 18:02	1°♎14'36	
asc. node	-5065 Oct 20 j 10:34	0°♎42'26	
	-5065 Oct 21 j 05:16	30°♑♍	
inferior conj	-5065 Oct 25 j 05:59	25°♍06'48	1°35'18
minimum elong	-5065 Oct 25 j 03:54	25°♍13'49	1°34'31
min. Earth dist.	-5065 Oct 25 j 23:14	24°♍08'45	0.66775 AU
morning rise	-5065 Oct 30 j 13:16	18°♍49'30	
direct	-5065 Nov 05 j 02:26	16°♍25'59	
morning max el	-5065 Nov 16 j 13:16	23°♍14'52	24°43'04
	-5065 Nov 22 j 13:15	0°♎	
desc. node	-5065 Dec 02 j 16:42	13°♎35'48	
	-5065 Dec 13 j 11:15	0°♏	
morning set	-5065 Dec 22 j 12:42	15°♏14'00	
max. Earth dist.	-5065 Dec 26 j 08:02	22°♏03'40	1.37511 AU
	-5065 Dec 30 j 14:04	0°♐	
superior conj	-5064 Jan 01 j 22:34	4°♐31'56	-1°-46'-47
minimum elong	-5064 Jan 02 j 00:41	4°♐42'16	1°46'55
evening rise	-5064 Jan 10 j 10:25	21°♐23'34	
	-5064 Jan 14 j 20:17	0°♑	
asc. node	-5064 Jan 16 j 09:18	2°♑52'09	
evening max el	-5064 Jan 27 j 08:46	18°♑40'57	19°16'19
retrograde	-5064 Feb 05 j 07:20	22°♑56'24	
evening set	-5064 Feb 07 j 16:33	22°♑39'33	
inferior conj	-5064 Feb 15 j 21:06	18°♑29'00	3°06'38
minimum elong	-5064 Feb 16 j 02:06	18°♑20'33	3°05'15
min. Earth dist.	-5064 Feb 18 j 19:05	16°♑31'47	0.56803 AU
morning rise	-5064 Feb 24 j 07:59	13°♑35'49	
desc. node	-5064 Feb 28 j 16:11	12°♑40'48	
direct	-5064 Feb 29 j 05:57	12°♑40'01	
morning max el	-5064 Mar 14 j 09:22	19°♑53'10	25°05'07
	-5064 Mar 22 j 23:11	0°♒	
	-5064 Apr 09 j 01:37	0°♓	
morning set	-5064 Apr 09 j 18:10	1°♓26'27	
asc. node	-5064 Apr 13 j 08:53	9°♓09'26	
superior conj	-5064 Apr 16 j 19:22	16°♓37'21	0°34'52
minimum elong	-5064 Apr 16 j 17:53	16°♓29'18	0°34'30
max. Earth dist.	-5064 Apr 17 j 23:20	19°♓08'58	1.33029 AU
	-5064 Apr 23 j 01:59	0°♈	
evening rise	-5064 Apr 24 j 01:59	2°♈03'24	
	-5064 May 09 j 12:09	0°♉	
evening max el	-5064 May 26 j 02:12	21°♉20'06	27°18'05
desc. node	-5064 May 26 j 14:36	21°♉49'25	
retrograde	-5064 Jun 08 j 23:33	28°♉44'56	
evening set	-5064 Jun 16 j 00:37	26°♉22'13	
min. Earth dist.	-5064 Jun 19 j 15:15	23°♉29'25	0.62139 AU
inferior conj	-5064 Jun 22 j 16:17	20°♉38'08	-4°-5'-30
minimum elong	-5064 Jun 22 j 18:19	20°♉33'21	4°05'09
morning rise	-5064 Jun 29 j 14:35	15°♉35'34	
direct	-5064 Jul 02 j 03:46	15°♉06'43	
morning max el	-5064 Jul 08 j 21:38	18°♉30'49	17°58'06
asc. node	-5064 Jul 10 j 08:44	20°♉04'10	
	-5064 Jul 17 j 05:34	0°♊	
morning set	-5064 Jul 25 j 03:39	13°♊57'14	
	-5064 Aug 03 j 04:13	0°♋	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5064 Aug 05 j 05:25	3°♋32'19	1°34'25
minimum elong	-5064 Aug 05 j 10:00	3°♋51'54	1°34'21
max. Earth dist.	-5064 Aug 12 j 08:35	15°♋29'14	1.42708 AU
evening rise	-5064 Aug 19 j 22:16	27°♋36'58	
	-5064 Aug 21 j 10:52	0°♌	
desc. node	-5064 Aug 22 j 13:30	1°♌43'27	
	-5064 Sep 10 j 19:13	0°♍	
greatest brilliancy	-5064 Sep 15 j 00:16	5°♍31'15	-0.4m
evening max el	-5064 Sep 20 j 01:08	11°♍18'40	21°34'42
retrograde	-5064 Sep 28 j 22:01	16°♍34'33	
evening set	-5064 Oct 03 j 02:07	14°♍58'04	
asc. node	-5064 Oct 06 j 07:43	11°♍35'23	
inferior conj	-5064 Oct 08 j 11:18	8°♍42'47	0°43'40
minimum elong	-5064 Oct 08 j 10:18	8°♍46'13	0°43'22
min. Earth dist.	-5064 Oct 08 j 17:48	8°♍20'21	0.67221 AU
morning rise	-5064 Oct 13 j 18:11	2°♍24'41	
direct	-5064 Oct 18 j 16:04	0°♍21'40	
morning max el	-5064 Oct 28 j 23:00	6°♍30'48	23°17'29
greatest brilliancy	-5064 Nov 03 j 08:41	12°♍37'23	-0.3m
	-5064 Nov 16 j 03:00	0°♎	
desc. node	-5064 Nov 18 j 13:37	3°♎36'32	
morning set	-5064 Dec 02 j 15:57	25°♎52'02	
	-5064 Dec 05 j 02:45	0°♏	
max. Earth dist.	-5064 Dec 07 j 04:05	3°♏32'05	1.39544 AU
superior conj	-5064 Dec 14 j 18:33	17°♏10'10	-1°-52'-35
minimum elong	-5064 Dec 14 j 18:40	17°♏10'40	1°52'48
	-5064 Dec 21 j 13:14	0°♐	
evening rise	-5064 Dec 24 j 04:03	5°♐02'33	
asc. node	-5063 Jan 02 j 06:24	21°♐39'43	
	-5063 Jan 08 j 06:34	0°♑	
evening max el	-5063 Jan 09 j 10:29	1°♑12'00	18°34'02
retrograde	-5063 Jan 17 j 03:46	4°♑57'47	
evening set	-5063 Jan 19 j 15:09	4°♑35'56	
inferior conj	-5063 Jan 27 j 03:55	0°♑06'03	3°53'05
minimum elong	-5063 Jan 27 j 06:36	0°♑00'48	3°52'30
	-5063 Jan 27 j 07:01	30°℞♐	
min. Earth dist.	-5063 Jan 30 j 12:33	27°♐29'28	0.58570 AU
morning rise	-5063 Feb 03 j 18:32	24°♐47'08	
direct	-5063 Feb 09 j 20:35	23°♐13'28	
desc. node	-5063 Feb 14 j 13:16	24°♐07'36	
	-5063 Feb 23 j 08:02	0°♑	
morning max el	-5063 Feb 24 j 02:24	0°♑43'31	26°27'29
	-5063 Mar 16 j 19:51	0°♒	
morning set	-5063 Mar 25 j 05:28	16°♒27'08	
asc. node	-5063 Mar 31 j 05:52	29°♒23'04	
	-5063 Mar 31 j 12:37	0°♓	
superior conj	-5063 Apr 01 j 06:54	1°♓39'57	0°10'49
minimum elong	-5063 Apr 01 j 06:26	1°♓37'23	0°10'34
behind sun begin	-5063 Apr 01 j 02:42	1°♓16'58	
behind sun end	-5063 Apr 01 j 10:10	1°♓57'48	
max. Earth dist.	-5063 Apr 01 j 12:05	2°♓08'20	1.32670 AU
evening rise	-5063 Apr 08 j 08:51	16°♓52'53	
	-5063 Apr 15 j 00:00	0°♈	
	-5063 May 04 j 22:45	0°♉	
evening max el	-5063 May 08 j 05:01	3°♉22'39	26°39'44
desc. node	-5063 May 13 j 11:45	7°♉40'31	
retrograde	-5063 May 22 j 06:43	10°♉43'53	
evening set	-5063 May 28 j 19:07	8°♉53'40	
min. Earth dist.	-5063 Jun 01 j 18:24	6°♉11'20	0.60139 AU
inferior conj	-5063 Jun 05 j 03:04	3°♉26'02	-4°-11'-19
minimum elong	-5063 Jun 05 j 02:31	3°♉27'10	4°11'10
	-5063 Jun 09 j 19:14	30°℞♈	
morning rise	-5063 Jun 12 j 13:23	28°♈45'01	
direct	-5063 Jun 15 j 00:58	28°♈21'44	
	-5063 Jun 20 j 00:10	0°♉	
morning max el	-5063 Jun 22 j 09:08	1°♉55'18	18°13'35
asc. node	-5063 Jun 27 j 05:45	7°♉50'31	
morning set	-5063 Jul 08 j 08:46	27°♉13'15	
	-5063 Jul 09 j 20:12	0°♊	
superior conj	-5063 Jul 18 j 02:07	15°♊16'51	1°47'30
minimum elong	-5063 Jul 18 j 03:48	15°♊24'27	1°47'43
max. Earth dist.	-5063 Jul 25 j 14:22	28°♊26'37	1.40972 AU
	-5063 Jul 26 j 12:26	0°♋	
evening rise	-5063 Jul 30 j 19:11	7°♋05'49	
desc. node	-5063 Aug 09 j 10:30	22°♋15'33	
	-5063 Aug 14 j 15:06	0°♌	
greatest brilliancy	-5063 Aug 28 j 16:59	19°♌07'44	-0.3m
evening max el	-5063 Sep 02 j 16:44	24°♌43'02	22°53'29
	-5063 Sep 09 j 17:46	0°♍	
retrograde	-5063 Sep 12 j 16:03	0°♍37'52	
	-5063 Sep 15 j 09:46	30°℞♌	
evening set	-5063 Sep 17 j 09:48	28°♌41'40	
inferior conj	-5063 Sep 22 j 17:49	22°♌22'28	0°-9'-25
minimum elong	-5063 Sep 22 j 18:02	22°♌21'44	0°09'09
transit middle	-5063 Sep 22 j 18:02	22°♌21'44	0°09'09
transit begin	-5063 Sep 22 j 15:47	22°♌29'27	
transit end	-5063 Sep 22 j 20:16	22°♌14'01	
min. Earth dist.	-5063 Sep 22 j 14:09	22°♌35'08	0.67377 AU
asc. node	-5063 Sep 23 j 04:54	21°♌44'17	
morning rise	-5063 Sep 28 j 02:11	16°♌06'50	
direct	-5063 Oct 02 j 09:47	14°♌24'53	
morning max el	-5063 Oct 11 j 12:26	19°♌50'03	21°53'01
greatest brilliancy	-5063 Oct 16 j 10:35	25°♌27'45	-0.4m
	-5063 Oct 19 j 22:47	0°♍	
desc. node	-5063 Nov 05 j 10:30	23°♍54'28	
	-5063 Nov 09 j 08:56	0°♎	
morning set	-5063 Nov 12 j 14:36	5°♎06'46	
max. Earth dist.	-5063 Nov 19 j 03:54	15°♎46'58	1.41545 AU
superior conj	-5063 Nov 26 j 18:35	28°♎46'53	-1°-47'-13
minimum elong	-5063 Nov 26 j 15:30	28°♎33'19	1°47'12
	-5063 Nov 27 j 11:14	0°♏	
evening rise	-5063 Dec 07 j 10:24	18°♏04'19	
	-5063 Dec 14 j 00:03	0°♐	
asc. node	-5063 Dec 20 j 03:32	9°♐47'11	
evening max el	-5063 Dec 23 j 18:45	14°♐06'55	18°11'48
retrograde	-5063 Dec 30 j 17:32	17°♐37'57	
evening set	-5062 Jan 02 j 07:16	17°♐09'47	
inferior conj	-5062 Jan 09 j 06:20	12°♐17'46	4°06'09
minimum elong	-5062 Jan 09 j 06:06	12°♐18'18	4°05'53
min. Earth dist.	-5062 Jan 12 j 11:22	9°♐24'44	0.60557 AU
morning rise	-5062 Jan 16 j 02:14	6°♐40'12	
direct	-5062 Jan 22 j 22:13	4°♐29'06	
desc. node	-5062 Feb 01 j 10:21	8°♐10'32	
morning max el	-5062 Feb 06 j 00:58	12°♐06'50	27°21'58
	-5062 Feb 20 j 04:28	0°♑	
	-5062 Mar 08 j 22:54	0°♒	
morning set	-5062 Mar 09 j 13:54	1°♒17'10	
max. Earth dist.	-5062 Mar 16 j 01:19	15°♒06'33	1.32647 AU
superior conj	-5062 Mar 16 j 18:32	16°♒40'31	0°-13'-55
minimum elong	-5062 Mar 16 j 19:10	16°♒43'56	0°14'00
behind sun begin	-5062 Mar 16 j 16:50	16°♒31'12	
behind sun end	-5062 Mar 16 j 21:29	16°♒56'40	
asc. node	-5062 Mar 18 j 02:51	19°♒37'04	
	-5062 Mar 22 j 22:09	0°♓	
evening rise	-5062 Mar 23 j 19:00	1°♓50'01	
	-5062 Apr 08 j 05:40	0°♈	
evening max el	-5062 Apr 20 j 01:52	14°♈44'39	25°31'54
desc. node	-5062 Apr 30 j 08:56	21°♈23'05	
retrograde	-5062 May 04 j 04:04	21°♈57'11	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening set	-5062 May 09 j 16:20	20°♈45'20	
min. Earth dist.	-5062 May 14 j 14:28	17°♈57'03	0.58136 AU
inferior conj	-5062 May 17 j 19:48	15°♈40'02	-3°-49'-45
minimum elong	-5062 May 17 j 15:59	15°♈46'50	3°49'10
morning rise	-5062 May 25 j 19:43	11°♈20'03	
direct	-5062 May 28 j 06:25	11°♈01'12	
morning max el	-5062 Jun 05 j 14:53	14°♈57'14	18°49'05
asc. node	-5062 Jun 14 j 02:46	26°♈22'26	
	-5062 Jun 16 j 04:43	0°♉	
morning set	-5062 Jun 22 j 01:43	11°♉06'48	
superior conj	-5062 Jun 30 j 19:39	28°♉05'24	1°48'50
minimum elong	-5062 Jun 30 j 18:55	28°♉01'53	1°49'02
	-5062 Jul 01 j 19:54	0°♊	
max. Earth dist.	-5062 Jul 07 j 16:26	10°♊43'54	1.39044 AU
evening rise	-5062 Jul 11 j 18:18	17°♊51'23	
	-5062 Jul 19 j 02:37	0°♋	
desc. node	-5062 Jul 27 j 07:32	12°♋35'56	
	-5062 Aug 08 j 23:52	0°♌	
evening max el	-5062 Aug 16 j 04:36	8°♌10'00	24°14'20
retrograde	-5062 Aug 27 j 06:34	14°♌40'41	
evening set	-5062 Sep 01 j 15:19	12°♌24'36	
inferior conj	-5062 Sep 06 j 23:50	6°♌04'48	-1°-2'-17
minimum elong	-5062 Sep 07 j 01:16	5°♌59'59	1°01'27
min. Earth dist.	-5062 Sep 06 j 09:44	6°♌52'26	0.67239 AU
asc. node	-5062 Sep 10 j 02:03	2°♌09'07	
morning rise	-5062 Sep 12 j 11:24	29°♋55'01	
	-5062 Sep 12 j 08:42	30°℞♋	
direct	-5062 Sep 16 j 06:27	28°♋32'43	
	-5062 Sep 20 j 11:42	0°♌	
morning max el	-5062 Sep 24 j 08:22	3°♌17'06	20°36'39
greatest brilliancy	-5062 Sep 30 j 14:45	10°♌48'01	-0.5m
	-5062 Oct 13 j 21:49	0°♍	
morning set	-5062 Oct 22 j 16:23	13°♍26'13	
desc. node	-5062 Oct 23 j 07:23	14°♍24'36	
max. Earth dist.	-5062 Nov 01 j 11:29	28°♍56'04	1.43226 AU
	-5062 Nov 02 j 03:18	0°♎	
superior conj	-5062 Nov 07 j 17:07	9°♎09'07	-1°-27'-8
minimum elong	-5062 Nov 07 j 10:58	8°♎43'32	1°26'37
	-5062 Nov 19 j 20:40	0°♏	
evening rise	-5062 Nov 20 j 01:26	0°♏20'58	
asc. node	-5062 Dec 07 j 00:40	27°♏02'36	
evening max el	-5062 Dec 07 j 06:40	27°♏17'55	18°09'07
	-5062 Dec 10 j 19:16	0°♐	
retrograde	-5062 Dec 13 j 20:58	0°♐47'04	
evening set	-5062 Dec 16 j 13:28	0°♐11'33	
	-5062 Dec 16 j 23:25	30°℞♏	
inferior conj	-5062 Dec 23 j 01:16	24°♏57'54	3°55'02
minimum elong	-5062 Dec 22 j 23:00	25°♏03'44	3°54'33
min. Earth dist.	-5062 Dec 25 j 18:33	22°♏10'48	0.62463 AU
morning rise	-5062 Dec 29 j 06:35	19°♏06'22	
direct	-5061 Jan 05 j 08:28	16°♏28'58	
morning max el	-5061 Jan 19 j 05:36	24°♏10'18	27°41'25
desc. node	-5061 Jan 19 j 07:24	24°♏14'45	
	-5061 Jan 24 j 13:25	0°♐	
	-5061 Feb 13 j 10:45	0°♑	
morning set	-5061 Feb 21 j 17:18	15°♑49'05	
max. Earth dist.	-5061 Feb 27 j 11:17	27°♑50'27	1.32974 AU
	-5061 Feb 28 j 11:22	0°♒	
superior conj	-5061 Mar 01 j 04:36	1°♒33'05	0°-38'-27
minimum elong	-5061 Mar 01 j 06:16	1°♒42'08	0°38'23
asc. node	-5061 Mar 04 j 23:50	9°♒47'26	
evening rise	-5061 Mar 08 j 06:33	16°♒47'48	
	-5061 Mar 14 j 21:14	0°♓	
evening max el	-5061 Apr 01 j 18:26	25°♓36'14	24°04'03
	-5061 Apr 07 j 09:18	0°♈	
retrograde	-5061 Apr 15 j 13:15	2°♈29'50	
desc. node	-5061 Apr 17 j 06:09	2°♈23'16	
evening set	-5061 Apr 19 j 18:40	1°♈50'11	
	-5061 Apr 24 j 00:39	30°℞♓	
min. Earth dist.	-5061 Apr 26 j 06:16	28°♓42'41	0.56452 AU
inferior conj	-5061 Apr 28 j 16:24	27°♓12'37	-2°-51'-36
minimum elong	-5061 Apr 28 j 10:48	27°♓21'21	2°50'15
morning rise	-5061 May 07 j 06:47	23°♓09'28	
direct	-5061 May 09 j 17:15	22°♓53'48	
morning max el	-5061 May 19 j 12:06	27°♓26'51	19°44'58
	-5061 May 21 j 22:48	0°♈	
asc. node	-5061 May 31 j 23:44	15°♈28'33	
morning set	-5061 Jun 06 j 02:59	25°♈28'08	
	-5061 Jun 08 j 08:52	0°♉	
superior conj	-5061 Jun 14 j 04:25	11°♉41'53	1°41'23
minimum elong	-5061 Jun 14 j 02:13	11°♉31'03	1°41'24
max. Earth dist.	-5061 Jun 19 j 19:22	22°♉34'10	1.37172 AU
evening rise	-5061 Jun 23 j 18:22	29°♉51'20	
	-5061 Jun 23 j 20:18	0°♊	
	-5061 Jul 12 j 08:26	0°♋	
desc. node	-5061 Jul 14 j 04:37	2°♋38'19	
evening max el	-5061 Jul 29 j 15:06	21°♋39'19	25°29'51
retrograde	-5061 Aug 10 j 16:49	28°♋38'18	
evening set	-5061 Aug 16 j 16:45	26°♋04'41	
min. Earth dist.	-5061 Aug 21 j 02:08	21°♋09'51	0.66779 AU
inferior conj	-5061 Aug 22 j 03:34	19°♋47'26	-1°-53'-14
minimum elong	-5061 Aug 22 j 06:05	19°♋39'18	1°52'02
morning rise	-5061 Aug 27 j 19:57	13°♋46'47	
asc. node	-5061 Aug 27 j 23:11	13°♋41'40	
direct	-5061 Aug 31 j 04:30	12°♋41'30	
morning max el	-5061 Sep 07 j 11:32	16°♋52'48	19°32'47
greatest brilliancy	-5061 Sep 16 j 11:18	28°♋29'13	-0.7m
	-5061 Sep 17 j 12:03	0°♌	
morning set	-5061 Oct 01 j 18:13	21°♌52'31	
	-5061 Oct 06 j 23:06	0°♍	
desc. node	-5061 Oct 10 j 04:16	5°♍02'29	
max. Earth dist.	-5061 Oct 15 j 01:32	12°♍45'09	1.44350 AU
superior conj	-5061 Oct 18 j 12:06	18°♍13'57	0°-50'-51
minimum elong	-5061 Oct 18 j 06:20	17°♍50'56	0°50'05
	-5061 Oct 25 j 18:38	0°♎	
evening rise	-5061 Nov 01 j 20:23	11°♎42'38	
	-5061 Nov 12 j 22:24	0°♏	
evening max el	-5061 Nov 20 j 19:22	10°♏38'09	18°25'15
asc. node	-5061 Nov 23 j 21:49	13°♏11'23	
retrograde	-5061 Nov 27 j 09:42	14°♏16'08	
evening set	-5061 Nov 30 j 06:12	13°♏31'47	
inferior conj	-5061 Dec 06 j 08:56	7°♏58'54	3°27'33
minimum elong	-5061 Dec 06 j 05:46	8°♏07'59	3°26'42
min. Earth dist.	-5061 Dec 08 j 11:50	5°♏33'49	0.64102 AU
morning rise	-5061 Dec 12 j 03:57	1°♏56'33	
	-5061 Dec 15 j 04:40	30°℞♎	
direct	-5061 Dec 19 j 01:59	29°♎07'36	
	-5061 Dec 23 j 05:36	0°♏	
morning max el	-5060 Jan 01 j 14:16	6°♏48'17	27°25'28
desc. node	-5060 Jan 06 j 04:25	11°♏46'21	
	-5060 Jan 19 j 12:10	0°♐	
morning set	-5060 Feb 05 j 13:01	29°♐53'57	
	-5060 Feb 05 j 14:15	0°♑	
max. Earth dist.	-5060 Feb 10 j 13:59	10°♑06'57	1.33683 AU
superior conj	-5060 Feb 13 j 11:16	16°♑11'26	-1°-1'-48
minimum elong	-5060 Feb 13 j 13:48	16°♑24'51	1°01'40
asc. node	-5060 Feb 19 j 20:50	29°♑50'00	
	-5060 Feb 19 j 22:44	0°♒	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening rise	-5060 Feb 20 j 17:44	1°♒39'50	
	-5060 Mar 07 j 21:23	0°♓	
evening max el	-5060 Mar 13 j 11:57	6°♓21'52	22°30'02
retrograde	-5060 Mar 26 j 10:29	12°♓40'14	
evening set	-5060 Mar 29 j 12:32	12°♓19'18	
desc. node	-5060 Apr 03 j 03:20	10°♓39'25	
min. Earth dist.	-5060 Apr 06 j 20:41	8°♓40'12	0.55413 AU
inferior conj	-5060 Apr 07 j 19:38	8°♓07'29	-1°-16'00
minimum elong	-5060 Apr 07 j 16:15	8°♓12'17	1°15'02
morning rise	-5060 Apr 16 j 22:04	4°♓09'43	
direct	-5060 Apr 19 j 11:33	3°♓54'35	
morning max el	-5060 Apr 30 j 22:56	9°♓17'37	21°00'14
	-5060 May 15 j 06:39	0°♈	
asc. node	-5060 May 17 j 20:40	5°♈00'35	
morning set	-5060 May 20 j 09:55	10°♈10'06	
superior conj	-5060 May 27 j 23:59	25°♈53'42	1°27'39
minimum elong	-5060 May 27 j 21:16	25°♈39'42	1°27'26
	-5060 May 30 j 00:18	0°♉	
max. Earth dist.	-5060 Jun 01 j 04:46	4°♉22'38	1.35557 AU
evening rise	-5060 Jun 05 j 14:21	12°♉52'49	
	-5060 Jun 15 j 06:08	0°♊	
desc. node	-5060 Jun 30 j 01:43	22°♊14'37	
	-5060 Jul 06 j 06:49	0°♋	
evening max el	-5060 Jul 11 j 01:55	5°♋07'55	26°31'53
retrograde	-5060 Jul 23 j 22:23	12°♋24'56	
evening set	-5060 Jul 30 j 11:56	9°♋39'50	
min. Earth dist.	-5060 Aug 03 j 13:04	5°♋23'55	0.65963 AU
inferior conj	-5060 Aug 05 j 03:08	3°♋28'02	-2°-40'-27
minimum elong	-5060 Aug 05 j 06:26	3°♋17'58	2°39'09
	-5060 Aug 08 j 04:00	30°℞♊	
morning rise	-5060 Aug 11 j 01:52	27°♊39'42	
asc. node	-5060 Aug 13 j 20:15	26°♊48'33	
direct	-5060 Aug 14 j 02:12	26°♊48'13	
	-5060 Aug 20 j 06:31	0°♋	
morning max el	-5060 Aug 20 j 20:48	0°♋35'13	18°44'04
	-5060 Sep 09 j 20:14	0°♌	
morning set	-5060 Sep 10 j 16:12	1°♌20'05	
desc. node	-5060 Sep 26 j 01:09	25°♌44'59	
superior conj	-5060 Sep 26 j 12:59	26°♌31'36	0°-3'-6
minimum elong	-5060 Sep 26 j 12:36	26°♌30'03	0°02'54
behind sun begin	-5060 Sep 26 j 01:18	25°♌45'32	
behind sun end	-5060 Sep 26 j 23:53	27°♌14'35	
max. Earth dist.	-5060 Sep 26 j 18:48	26°♌54'32	1.44786 AU
	-5060 Sep 28 j 17:52	0°♍	
evening rise	-5060 Oct 12 j 15:02	22°♍00'41	
	-5060 Oct 17 j 14:56	0°♎	
evening max el	-5060 Nov 03 j 06:18	24°♎03'13	18°59'00
asc. node	-5060 Nov 09 j 18:58	27°♎58'04	
retrograde	-5060 Nov 10 j 03:52	27°♎58'50	
evening set	-5060 Nov 13 j 06:19	27°♎03'28	
inferior conj	-5060 Nov 19 j 01:58	21°♎14'34	2°49'10
minimum elong	-5060 Nov 18 j 22:46	21°♎24'27	2°48'08
min. Earth dist.	-5060 Nov 20 j 14:47	19°♎20'30	0.65410 AU
morning rise	-5060 Nov 24 j 14:13	15°♎04'07	
direct	-5060 Dec 01 j 02:02	12°♎17'20	
morning max el	-5060 Dec 14 j 00:04	19°♎48'19	26°38'43
	-5060 Dec 22 j 19:22	0°♏	
desc. node	-5060 Dec 23 j 01:22	0°♏19'27	
	-5059 Jan 11 j 13:04	0°♐	
morning set	-5059 Jan 18 j 21:24	13°♐19'29	
max. Earth dist.	-5059 Jan 23 j 05:49	21°♐47'03	1.34831 AU
	-5059 Jan 27 j 06:59	0°♑	
superior conj	-5059 Jan 27 j 12:21	0°♑27'44	-1°-22'-47
minimum elong	-5059 Jan 27 j 15:19	0°♑43'03	1°22'41

evening rise	-5059 Feb 04 j 02:44	16°♑18'56	
asc. node	-5059 Feb 05 j 17:51	19°♑39'20	
	-5059 Feb 11 j 02:20	0°♒	
evening max el	-5059 Feb 23 j 12:23	17°♒26'18	21°02'31
retrograde	-5059 Mar 07 j 00:30	22°♒55'01	
evening set	-5059 Mar 09 j 11:51	22°♒40'45	
inferior conj	-5059 Mar 18 j 15:11	18°♒42'27	0°39'13
minimum elong	-5059 Mar 18 j 16:58	18°♒39'56	0°38'26
min. Earth dist.	-5059 Mar 19 j 11:01	18°♒14'10	0.55256 AU
desc. node	-5059 Mar 21 j 00:29	17°♒21'38	
morning rise	-5059 Mar 27 j 21:05	14°♒32'14	
direct	-5059 Mar 30 j 23:44	14°♒11'06	
morning max el	-5059 Apr 12 j 23:07	20°♒27'24	22°31'20
	-5059 Apr 20 j 22:27	0°♓	
morning set	-5059 May 04 j 20:21	25°♓05'06	
asc. node	-5059 May 04 j 17:36	24°♓50'50	
	-5059 May 07 j 04:28	0°♈	
superior conj	-5059 May 12 j 02:59	10°♈29'30	1°09'26
minimum elong	-5059 May 12 j 00:23	10°♈15'50	1°09'03
max. Earth dist.	-5059 May 15 j 00:00	16°♈30'45	1.34292 AU
evening rise	-5059 May 20 j 00:54	26°♈39'52	
	-5059 May 21 j 18:17	0°♉	
	-5059 Jun 08 j 14:00	0°♊	
desc. node	-5059 Jun 16 j 22:51	11°♊13'14	
evening max el	-5059 Jun 23 j 13:07	18°♊27'43	27°12'39
retrograde	-5059 Jul 06 j 22:46	25°♊52'31	
evening set	-5059 Jul 13 j 22:10	23°♊05'51	
min. Earth dist.	-5059 Jul 17 j 16:25	19°♊27'35	0.64764 AU
inferior conj	-5059 Jul 19 j 20:15	17°♊02'28	-3°-21'-37
minimum elong	-5059 Jul 19 j 23:48	16°♊52'31	3°20'32
morning rise	-5059 Jul 26 j 02:53	11°♊29'26	
direct	-5059 Jul 28 j 21:16	10°♊48'38	
asc. node	-5059 Jul 31 j 17:18	11°♊30'55	
morning max el	-5059 Aug 04 j 10:01	14°♊19'57	18°12'03
	-5059 Aug 15 j 11:16	0°♋	
morning set	-5059 Aug 22 j 17:19	12°♋05'31	
	-5059 Sep 02 j 13:54	0°♌	
superior conj	-5059 Sep 05 j 17:17	5°♌03'36	0°44'19
minimum elong	-5059 Sep 05 j 22:16	5°♌23'32	0°43'56
max. Earth dist.	-5059 Sep 09 j 12:12	11°♌05'47	1.44494 AU
desc. node	-5059 Sep 12 j 22:05	16°♌29'02	
	-5059 Sep 21 j 13:43	0°♍	
evening rise	-5059 Sep 22 j 09:14	1°♍15'48	
greatest brilliancy	-5059 Oct 09 j 16:57	27°♍33'20	-0.6m
	-5059 Oct 11 j 10:50	0°♎	
evening max el	-5059 Oct 17 j 13:17	7°♎30'16	19°48'56
retrograde	-5059 Oct 25 j 00:35	11°♎51'26	
asc. node	-5059 Oct 27 j 16:07	11°♎10'39	
evening set	-5059 Oct 28 j 11:14	10°♎42'17	
inferior conj	-5059 Nov 03 j 01:32	4°♎40'38	2°03'41
minimum elong	-5059 Nov 02 j 22:56	4°♎49'11	2°02'44
min. Earth dist.	-5059 Nov 04 j 01:35	3°♎21'37	0.66374 AU
	-5059 Nov 06 j 19:39	30°℞♍	
morning rise	-5059 Nov 08 j 09:56	28°♍25'00	
direct	-5059 Nov 14 j 07:58	25°♍50'47	
	-5059 Nov 23 j 03:38	0°♎	
morning max el	-5059 Nov 26 j 09:10	2°♎58'49	25°29'22
desc. node	-5059 Dec 09 j 22:18	19°♎36'13	
	-5059 Dec 17 j 00:59	0°♏	
morning set	-5058 Jan 01 j 13:45	25°♏52'04	
	-5058 Jan 03 j 19:50	0°♐	
max. Earth dist.	-5058 Jan 05 j 09:56	2°♐58'20	1.36427 AU
superior conj	-5058 Jan 11 j 05:09	14°♐14'22	-1°-39'-43
minimum elong	-5058 Jan 11 j 07:52	14°♐27'55	1°39'45

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5058 Jan 18 j 23:50	0°♉	
evening rise	-5058 Jan 19 j 07:39	0°♉39'37	
asc. node	-5058 Jan 23 j 14:54	9°♉10'02	
evening max el	-5058 Feb 05 j 23:01	29°♉04'17	19°49'46
	-5058 Feb 06 j 23:48	0°♒	
retrograde	-5058 Feb 15 j 18:36	3°♒42'48	
evening set	-5058 Feb 18 j 03:11	3°♒27'57	
	-5058 Feb 25 j 19:09	30°℞♉	
inferior conj	-5058 Feb 26 j 17:08	29°♉25'59	2°22'22
minimum elong	-5058 Feb 26 j 22:10	29°♉18'08	2°20'42
min. Earth dist.	-5058 Mar 01 j 01:24	27°♉58'42	0.56021 AU
morning rise	-5058 Mar 07 j 13:56	24°♉49'43	
desc. node	-5058 Mar 07 j 21:37	24°♉44'04	
direct	-5058 Mar 11 j 18:37	24°♉10'31	
	-5058 Mar 24 j 10:03	0°♒	
morning max el	-5058 Mar 25 j 15:37	1°♒07'56	24°10'00
	-5058 Apr 14 j 08:15	0°♓	
morning set	-5058 Apr 19 j 08:28	10°♓07'03	
asc. node	-5058 Apr 21 j 14:33	14°♓53'45	
superior conj	-5058 Apr 26 j 10:50	25°♓20'51	0°48'08
minimum elong	-5058 Apr 26 j 08:51	25°♓10'11	0°47'43
max. Earth dist.	-5058 Apr 28 j 04:36	29°♓05'06	1.33393 AU
	-5058 Apr 28 j 14:53	0°♈	
evening rise	-5058 May 03 j 21:47	10°♈59'19	
	-5058 May 14 j 01:28	0°♉	
desc. node	-5058 Jun 03 j 20:00	29°♉18'13	
	-5058 Jun 04 j 12:04	0°♊	
evening max el	-5058 Jun 05 j 23:05	1°♊26'58	27°25'21
retrograde	-5058 Jun 19 j 17:07	8°♊52'16	
evening set	-5058 Jun 26 j 20:04	6°♊17'05	
min. Earth dist.	-5058 Jun 30 j 10:31	3°♊10'37	0.63192 AU
inferior conj	-5058 Jul 03 j 04:15	0°♊25'06	-3°-53'-25
minimum elong	-5058 Jul 03 j 07:10	0°♊17'44	3°52'46
	-5058 Jul 03 j 14:12	30°℞♉	
morning rise	-5058 Jul 09 j 20:19	25°♉10'24	
direct	-5058 Jul 12 j 10:57	24°♉37'40	
asc. node	-5058 Jul 18 j 14:21	27°♉36'53	
morning max el	-5058 Jul 19 j 00:40	28°♉01'42	17°57'49
	-5058 Jul 20 j 19:53	0°♊	
morning set	-5058 Aug 04 j 18:47	24°♊00'20	
	-5058 Aug 08 j 05:01	0°♋	
superior conj	-5058 Aug 16 j 19:46	14°♋41'42	1°20'27
minimum elong	-5058 Aug 17 j 01:32	15°♋05'42	1°20'10
max. Earth dist.	-5058 Aug 23 j 02:57	25°♋01'23	1.43528 AU
	-5058 Aug 26 j 05:33	0°♌	
desc. node	-5058 Aug 30 j 19:02	7°♌11'01	
evening rise	-5058 Sep 01 j 13:05	9°♌54'29	
	-5058 Sep 14 j 19:35	0°♍	
greatest brilliancy	-5058 Sep 24 j 21:00	14°♍09'21	-0.5m
evening max el	-5058 Sep 30 j 14:32	20°♍56'18	20°52'54
retrograde	-5058 Oct 08 j 21:32	25°♍50'07	
evening set	-5058 Oct 12 j 18:43	24°♍24'16	
asc. node	-5058 Oct 14 j 13:17	22°♍48'25	
inferior conj	-5058 Oct 18 j 05:19	18°♍13'08	1°13'39
minimum elong	-5058 Oct 18 j 03:40	18°♍18'46	1°13'04
min. Earth dist.	-5058 Oct 18 j 17:56	17°♍30'10	0.67007 AU
morning rise	-5058 Oct 23 j 12:12	11°♍55'16	
direct	-5058 Oct 28 j 18:57	9°♍40'01	
morning max el	-5058 Nov 08 j 17:54	16°♍12'21	24°06'58
	-5058 Nov 20 j 03:29	0°♎	
desc. node	-5058 Nov 26 j 19:13	9°♎23'19	
	-5058 Dec 10 j 00:57	0°♏	
morning set	-5058 Dec 14 j 08:09	7°♏15'05	
max. Earth dist.	-5058 Dec 18 j 06:51	14°♏10'16	1.38368 AU
superior conj	-5058 Dec 25 j 10:02	27°♏20'45	-1°-50'-24
minimum elong	-5058 Dec 25 j 11:28	27°♏27'35	1°50'35
	-5058 Dec 26 j 19:18	0°♐	
evening rise	-5057 Jan 03 j 06:10	14°♐35'17	
asc. node	-5057 Jan 10 j 11:59	28°♐15'14	
	-5057 Jan 11 j 12:18	0°♑	
evening max el	-5057 Jan 19 j 19:42	11°♑16'48	18°55'50
retrograde	-5057 Jan 28 j 04:12	15°♑17'22	
evening set	-5057 Jan 30 j 14:30	14°♑58'26	
inferior conj	-5057 Feb 07 j 12:07	10°♑40'09	3°30'57
minimum elong	-5057 Feb 07 j 16:22	10°♑32'31	3°29'55
min. Earth dist.	-5057 Feb 10 j 16:43	8°♑23'54	0.57513 AU
morning rise	-5057 Feb 15 j 14:35	5°♑35'35	
direct	-5057 Feb 21 j 01:35	4°♑24'27	
desc. node	-5057 Feb 22 j 18:45	4°♑31'32	
morning max el	-5057 Mar 07 j 06:34	11°♑45'31	25°42'55
	-5057 Mar 21 j 08:27	0°♒	
morning set	-5057 Apr 03 j 20:34	25°♒09'56	
	-5057 Apr 06 j 03:13	0°♓	
asc. node	-5057 Apr 08 j 11:31	5°♓04'36	
superior conj	-5057 Apr 10 j 21:32	10°♓20'55	0°24'48
minimum elong	-5057 Apr 10 j 20:27	10°♓15'04	0°24'28
max. Earth dist.	-5057 Apr 11 j 15:35	11°♓59'20	1.32838 AU
evening rise	-5057 Apr 18 j 01:45	25°♓40'22	
	-5057 Apr 20 j 04:53	0°♈	
	-5057 May 07 j 16:26	0°♉	
evening max el	-5057 May 19 j 05:17	13°♉53'18	27°05'49
desc. node	-5057 May 21 j 17:09	16°♉07'07	
retrograde	-5057 Jun 02 j 04:31	21°♉16'03	
evening set	-5057 Jun 09 j 01:44	19°♉06'02	
min. Earth dist.	-5057 Jun 12 j 18:42	16°♉19'47	0.61307 AU
inferior conj	-5057 Jun 15 j 23:52	13°♉28'44	-4°-10'-46
minimum elong	-5057 Jun 16 j 00:57	13°♉26'19	4°10'32
morning rise	-5057 Jun 23 j 03:01	8°♉35'00	
direct	-5057 Jun 25 j 15:33	8°♉08'30	
morning max el	-5057 Jul 02 j 14:10	11°♉35'01	18°02'18
asc. node	-5057 Jul 05 j 11:24	14°♉51'12	
	-5057 Jul 14 j 21:16	0°♊	
morning set	-5057 Jul 18 j 15:21	6°♊51'07	
superior conj	-5057 Jul 29 j 02:03	25°♊43'07	1°41'37
minimum elong	-5057 Jul 29 j 05:25	25°♊57'53	1°41'41
	-5057 Jul 31 j 13:11	0°♋	
max. Earth dist.	-5057 Aug 05 j 12:57	8°♋26'19	1.42015 AU
evening rise	-5057 Aug 11 j 22:40	18°♋51'03	
desc. node	-5057 Aug 17 j 16:01	27°♋48'05	
	-5057 Aug 19 j 02:29	0°♌	
greatest brilliancy	-5057 Sep 08 j 15:20	28°♌58'19	-0.4m
	-5057 Sep 09 j 11:41	0°♍	
evening max el	-5057 Sep 13 j 09:28	4°♍21'06	22°07'28
retrograde	-5057 Sep 22 j 17:03	9°♍52'55	
evening set	-5057 Sep 27 j 02:53	8°♍08'00	
asc. node	-5057 Oct 01 j 10:28	3°♍16'09	
inferior conj	-5057 Oct 02 j 11:22	1°♍50'41	0°21'11
minimum elong	-5057 Oct 02 j 10:53	1°♍52'23	0°21'08
min. Earth dist.	-5057 Oct 02 j 13:28	1°♍43'27	0.67333 AU
	-5057 Oct 03 j 19:44	30°℞♌	
morning rise	-5057 Oct 07 j 18:43	25°♌33'30	
direct	-5057 Oct 12 j 10:22	23°♌39'37	
morning max el	-5057 Oct 22 j 04:53	29°♌29'21	22°40'54
	-5057 Oct 22 j 16:48	0°♍	
greatest brilliancy	-5057 Oct 26 j 22:52	4°♍50'24	-0.3m
desc. node	-5057 Nov 13 j 16:07	29°♍31'58	
	-5057 Nov 13 j 23:32	0°♎	
morning set	-5057 Nov 24 j 23:09	17°♎16'22	
max. Earth dist.	-5057 Nov 30 j 04:21	25°♎58'21	1.40426 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5057 Dec 02 j 12:37	0°♏	
superior conj	-5057 Dec 07 j 22:14	9°♏34'13	-1°-51'-53
minimum elong	-5057 Dec 07 j 21:05	9°♏29'03	1°52'03
evening rise	-5057 Dec 17 j 19:26	27°♏59'14	
	-5057 Dec 18 j 21:00	0°♐	
asc. node	-5057 Dec 28 j 09:06	16°♐46'45	
evening max el	-5056 Jan 03 j 00:28	23°♐58'15	18°22'03
retrograde	-5056 Jan 10 j 08:35	27°♐36'18	
evening set	-5056 Jan 12 j 20:57	27°♐11'50	
inferior conj	-5056 Jan 20 j 03:32	22°♐32'14	4°02'10
minimum elong	-5056 Jan 20 j 04:55	22°♐29'20	4°01'50
min. Earth dist.	-5056 Jan 23 j 11:50	19°♐45'56	0.59409 AU
morning rise	-5056 Jan 27 j 09:45	17°♐04'33	
direct	-5056 Feb 02 j 20:43	15°♐14'33	
desc. node	-5056 Feb 09 j 15:52	17°♐08'02	
morning max el	-5056 Feb 17 j 01:49	22°♐48'06	26°54'51
	-5056 Feb 23 j 12:13	0°♑	
	-5056 Mar 13 j 06:00	0°♒	
morning set	-5056 Mar 18 j 06:53	10°♒06'46	
superior conj	-5056 Mar 25 j 09:16	25°♒22'50	0°00'21
minimum elong	-5056 Mar 25 j 09:16	25°♒22'49	0°00'09
behind sun begin	-5056 Mar 25 j 04:17	24°♒55'33	
behind sun end	-5056 Mar 25 j 14:15	25°♒50'05	
max. Earth dist.	-5056 Mar 25 j 05:10	25°♒00'24	1.32617 AU
asc. node	-5056 Mar 25 j 08:29	25°♒18'30	
	-5056 Mar 27 j 11:59	0°♓	
evening rise	-5056 Apr 01 j 10:14	10°♓33'35	
	-5056 Apr 11 j 12:31	0°♈	
evening max el	-5056 Apr 30 j 05:24	25°♈37'23	26°14'03
	-5056 May 05 j 15:32	0°♉	
desc. node	-5056 May 07 j 14:22	1°♉08'12	
retrograde	-5056 May 14 j 07:35	2°♉55'49	
evening set	-5056 May 20 j 11:18	1°♉21'31	
	-5056 May 22 j 19:41	30°♓♈	
min. Earth dist.	-5056 May 24 j 18:11	28°♈38'57	0.59269 AU
inferior conj	-5056 May 28 j 03:19	26°♈02'52	-4°-6'-7
minimum elong	-5056 May 28 j 01:24	26°♈06'37	4°05'53
morning rise	-5056 Jun 04 j 19:17	21°♈31'20	
direct	-5056 Jun 07 j 06:33	21°♈10'01	
morning max el	-5056 Jun 14 j 23:36	24°♈50'57	18°26'19
	-5056 Jun 19 j 08:16	0°♉	
asc. node	-5056 Jun 21 j 08:24	2°♉58'05	
morning set	-5056 Jul 01 j 01:59	20°♉24'09	
	-5056 Jul 06 j 02:29	0°♊	
superior conj	-5056 Jul 10 j 08:23	7°♊57'08	1°49'19
minimum elong	-5056 Jul 10 j 08:55	7°♊59'40	1°49'33
max. Earth dist.	-5056 Jul 17 j 16:57	21°♊06'48	1.40158 AU
evening rise	-5056 Jul 22 j 06:17	28°♊50'39	
	-5056 Jul 22 j 23:00	0°♋	
desc. node	-5056 Aug 03 j 13:02	18°♋15'47	
	-5056 Aug 11 j 15:12	0°♌	
evening max el	-5056 Aug 25 j 23:02	17°♌45'44	23°27'55
retrograde	-5056 Sep 05 j 09:49	23°♌56'47	
evening set	-5056 Sep 10 j 09:54	21°♌51'45	
inferior conj	-5056 Sep 15 j 17:54	15°♌31'40	0°-31'-58
minimum elong	-5056 Sep 15 j 18:38	15°♌29'09	0°31'28
min. Earth dist.	-5056 Sep 15 j 09:46	15°♌59'34	0.67358 AU
asc. node	-5056 Sep 17 j 07:38	13°♌24'28	
morning rise	-5056 Sep 21 j 03:27	9°♌18'15	
direct	-5056 Sep 25 j 05:22	7°♌45'11	
morning max el	-5056 Oct 03 j 21:03	12°♌52'24	21°19'13
greatest brilliancy	-5056 Oct 09 j 05:42	19°♌06'19	-0.4m
	-5056 Oct 17 j 04:56	0°♍	
desc. node	-5056 Oct 30 j 13:01	19°♍55'47	
morning set	-5056 Nov 03 j 11:14	26°♍02'38	
	-5056 Nov 05 j 23:16	0°♎	
max. Earth dist.	-5056 Nov 11 j 07:28	8°♎37'32	1.42313 AU
superior conj	-5056 Nov 18 j 12:01	20°♎40'35	-1°-40'-40
minimum elong	-5056 Nov 18 j 07:27	20°♎21'01	1°40'27
	-5056 Nov 23 j 20:23	0°♏	
evening rise	-5056 Nov 29 j 19:52	10°♏43'31	
	-5056 Dec 10 j 23:30	0°♐	
asc. node	-5056 Dec 14 j 06:15	4°♐34'02	
evening max el	-5056 Dec 16 j 10:37	7°♐01'04	18°08'17
retrograde	-5056 Dec 23 j 04:54	10°♐30'15	
evening set	-5056 Dec 25 j 19:32	9°♐59'15	
inferior conj	-5055 Jan 01 j 13:32	4°♐57'51	4°03'53
minimum elong	-5055 Jan 01 j 12:17	5°♐00'49	4°03'34
min. Earth dist.	-5055 Jan 04 j 14:11	2°♐04'41	0.61384 AU
	-5055 Jan 07 j 00:56	30°♑♏	
morning rise	-5055 Jan 08 j 02:37	29°♏13'31	
direct	-5055 Jan 15 j 02:19	26°♏49'28	
	-5055 Jan 23 j 18:23	0°♐	
desc. node	-5055 Jan 26 j 12:55	2°♐07'31	
morning max el	-5055 Jan 29 j 03:24	4°♐30'01	27°34'46
	-5055 Feb 17 j 04:03	0°♑	
morning set	-5055 Mar 02 j 13:28	24°♑50'38	
	-5055 Mar 05 j 00:55	0°♒	
max. Earth dist.	-5055 Mar 08 j 17:28	7°♒54'24	1.32736 AU
superior conj	-5055 Mar 09 j 20:27	10°♒21'04	0°-24'-24
minimum elong	-5055 Mar 09 j 21:32	10°♒26'58	0°24'25
asc. node	-5055 Mar 12 j 05:28	15°♒31'45	
evening rise	-5055 Mar 16 j 21:12	25°♒31'49	
	-5055 Mar 19 j 00:56	0°♓	
	-5055 Apr 05 j 23:08	0°♈	
evening max el	-5055 Apr 11 j 23:45	6°♈43'25	24°56'10
desc. node	-5055 Apr 24 j 11:32	13°♈45'01	
retrograde	-5055 Apr 26 j 00:23	13°♈50'32	
evening set	-5055 Apr 30 j 23:46	12°♈53'39	
min. Earth dist.	-5055 May 06 j 12:07	9°♈58'28	0.57357 AU
inferior conj	-5055 May 09 j 11:29	7°♈59'16	-3°-29'-55
minimum elong	-5055 May 09 j 06:34	8°♈07'32	3°28'59
morning rise	-5055 May 17 j 17:38	3°♈47'36	
direct	-5055 May 20 j 03:55	3°♈30'27	
morning max el	-5055 May 29 j 02:06	7°♈40'28	19°10'26
asc. node	-5055 Jun 08 j 05:22	21°♈45'21	
	-5055 Jun 12 j 15:40	0°♉	
morning set	-5055 Jun 14 j 22:45	4°♉29'49	
superior conj	-5055 Jun 23 j 08:58	21°♉07'35	1°46'35
minimum elong	-5055 Jun 23 j 07:30	21°♉00'26	1°46'44
	-5055 Jun 28 j 01:19	0°♊	
max. Earth dist.	-5055 Jun 29 j 17:59	3°♊06'53	1.38222 AU
evening rise	-5055 Jul 03 j 16:27	10°♊08'39	
	-5055 Jul 15 j 18:15	0°♋	
desc. node	-5055 Jul 21 j 10:05	8°♋29'06	
	-5055 Aug 07 j 05:08	0°♌	
evening max el	-5055 Aug 08 j 09:52	1°♌13'04	24°47'36
retrograde	-5055 Aug 19 j 22:46	7°♌57'48	
evening set	-5055 Aug 25 j 13:56	5°♌33'48	
min. Earth dist.	-5055 Aug 30 j 04:23	0°♌17'02	0.67078 AU
	-5055 Aug 30 j 09:30	30°♑♋	
inferior conj	-5055 Aug 30 j 23:10	29°♋14'26	-1°-24'-13
minimum elong	-5055 Aug 31 j 01:05	29°♋08'04	1°23'14
asc. node	-5055 Sep 04 j 04:45	24°♋12'49	
morning rise	-5055 Sep 05 j 12:35	23°♋07'58	
direct	-5055 Sep 09 j 02:47	21°♋53'24	
morning max el	-5055 Sep 16 j 20:06	26°♋23'11	20°07'43
	-5055 Sep 20 j 00:33	0°♌	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

greatest brilliancy	-5055 Sep 24 j 00:39	5°♌15'05	-0.6m
	-5055 Oct 10 j 15:39	0°♍	
morning set	-5055 Oct 13 j 10:01	4°♍16'28	
desc. node	-5055 Oct 17 j 09:53	10°♍29'35	
max. Earth dist.	-5055 Oct 24 j 17:30	22°♍03'39	1.43777 AU
superior conj	-5055 Oct 29 j 22:38	0°♎29'03	-1°-13'-39
minimum elong	-5055 Oct 29 j 16:01	0°♎02'04	1°12'56
	-5055 Oct 29 j 15:31	0°♎	
evening rise	-5055 Nov 12 j 02:58	22°♎37'59	
	-5055 Nov 16 j 09:42	0°♏	
evening max el	-5055 Nov 29 j 23:13	20°♏16'54	18°13'46
asc. node	-5055 Dec 01 j 03:23	21°♏23'09	
retrograde	-5055 Dec 06 j 12:39	23°♏48'35	
evening set	-5055 Dec 09 j 06:36	23°♏09'39	
inferior conj	-5055 Dec 15 j 14:20	17°♏47'49	3°44'59
minimum elong	-5055 Dec 15 j 11:33	17°♏55'19	3°44'21
min. Earth dist.	-5055 Dec 18 j 01:45	15°♏08'11	0.63199 AU
morning rise	-5055 Dec 21 j 14:46	11°♏51'18	
direct	-5055 Dec 28 j 16:06	9°♏06'44	
morning max el	-5054 Jan 11 j 09:59	16°♏49'13	27°38'40
desc. node	-5054 Jan 13 j 09:56	18°♏52'29	
	-5054 Jan 22 j 10:29	0°♐	
	-5054 Feb 09 j 20:11	0°♑	
morning set	-5054 Feb 14 j 13:57	9°♑12'09	
max. Earth dist.	-5054 Feb 20 j 00:33	20°♑26'47	1.33223 AU
superior conj	-5054 Feb 22 j 05:17	25°♑08'23	0°-48'-35
minimum elong	-5054 Feb 22 j 07:22	25°♑19'30	0°48'27
	-5054 Feb 24 j 11:25	0°♒	
asc. node	-5054 Feb 27 j 02:28	5°♒39'20	
evening rise	-5054 Mar 01 j 08:46	10°♒27'35	
	-5054 Mar 11 j 13:12	0°♓	
evening max el	-5054 Mar 24 j 16:01	17°♓29'14	23°24'01
retrograde	-5054 Apr 07 j 04:25	24°♓09'52	
evening set	-5054 Apr 10 j 20:43	23°♓40'12	
desc. node	-5054 Apr 11 j 08:43	23°♓31'48	
min. Earth dist.	-5054 Apr 18 j 03:22	20°♓20'43	0.55912 AU
inferior conj	-5054 Apr 19 j 23:57	19°♓14'29	-2°-15'-6
minimum elong	-5054 Apr 19 j 18:45	19°♓22'15	2°13'40
morning rise	-5054 Apr 28 j 20:01	15°♓15'03	
direct	-5054 May 01 j 06:54	15°♓00'08	
morning max el	-5054 May 11 j 19:01	19°♓53'55	20°14'43
	-5054 May 19 j 19:22	0°♈	
asc. node	-5054 May 26 j 02:18	11°♈03'13	
morning set	-5054 May 30 j 02:41	19°♈00'19	
	-5054 Jun 04 j 11:39	0°♉	
superior conj	-5054 Jun 06 j 22:45	5°♉00'01	1°36'12
minimum elong	-5054 Jun 06 j 20:14	4°♉47'21	1°36'07
max. Earth dist.	-5054 Jun 11 j 22:50	14°♉52'03	1.36445 AU
evening rise	-5054 Jun 16 j 01:40	22°♉36'42	
	-5054 Jun 20 j 04:37	0°♊	
desc. node	-5054 Jul 08 j 07:09	28°♊21'23	
	-5054 Jul 09 j 11:55	0°♋	
evening max el	-5054 Jul 21 j 20:31	14°♋43'22	25°58'32
retrograde	-5054 Aug 03 j 07:07	21°♋51'20	
evening set	-5054 Aug 09 j 12:59	19°♋12'13	
min. Earth dist.	-5054 Aug 13 j 18:51	14°♋33'33	0.66470 AU
inferior conj	-5054 Aug 15 j 01:23	12°♋56'53	-2°-13'-50
minimum elong	-5054 Aug 15 j 04:17	12°♋47'43	2°12'34
morning rise	-5054 Aug 20 j 20:15	7°♋00'48	
asc. node	-5054 Aug 22 j 01:49	6°♋23'59	
direct	-5054 Aug 24 j 01:02	6°♋01'40	
morning max el	-5054 Aug 31 j 01:58	10°♋01'47	19°10'06
	-5054 Sep 14 j 10:34	0°♌	
morning set	-5054 Sep 22 j 18:44	13°♌04'32	
	-5054 Oct 03 j 12:59	0°♍	
desc. node	-5054 Oct 04 j 06:46	1°♍10'00	
max. Earth dist.	-5054 Oct 07 j 09:16	6°♍03'46	1.44625 AU
superior conj	-5054 Oct 09 j 08:03	9°♍08'48	0°-31'-26
minimum elong	-5054 Oct 09 j 04:07	8°♍53'13	0°30'50
	-5054 Oct 22 j 07:43	0°♎	
evening rise	-5054 Oct 24 j 12:01	3°♎33'37	
	-5054 Nov 10 j 08:44	0°♏	
evening max el	-5054 Nov 13 j 11:35	3°♏40'29	18°37'31
asc. node	-5054 Nov 18 j 00:31	6°♏59'18	
retrograde	-5054 Nov 20 j 03:59	7°♏24'28	
evening set	-5054 Nov 23 j 02:51	6°♏35'40	
inferior conj	-5054 Nov 29 j 02:22	0°♏55'45	3°12'20
minimum elong	-5054 Nov 28 j 23:05	1°♏05'27	3°11'22
	-5054 Nov 29 j 21:06	30°℞♎	
min. Earth dist.	-5054 Nov 30 j 23:10	28°♎43'08	0.64711 AU
morning rise	-5054 Dec 04 j 18:08	24°♎49'53	
direct	-5054 Dec 11 j 12:38	22°♎00'13	
morning max el	-5054 Dec 24 j 19:13	29°♎37'27	27°08'46
	-5054 Dec 25 j 04:14	0°♏	
desc. node	-5054 Dec 31 j 06:56	6°♏52'55	
	-5053 Jan 16 j 07:45	0°♐	
morning set	-5053 Jan 29 j 05:18	23°♐01'30	
	-5053 Feb 01 j 17:49	0°♑	
max. Earth dist.	-5053 Feb 02 j 22:48	2°♑27'19	1.34124 AU
superior conj	-5053 Feb 06 j 09:53	9°♑38'22	-1°-11'-6
minimum elong	-5053 Feb 06 j 12:40	9°♑52'56	1°10'57
evening rise	-5053 Feb 13 j 19:14	25°♑14'53	
asc. node	-5053 Feb 13 j 23:28	25°♑36'53	
	-5053 Feb 16 j 02:44	0°♒	
evening max el	-5053 Mar 06 j 11:59	28°♒20'27	21°51'19
	-5053 Mar 08 j 09:07	0°♓	
retrograde	-5053 Mar 18 j 20:54	4°♓17'57	
evening set	-5053 Mar 21 j 15:08	4°♓00'59	
desc. node	-5053 Mar 29 j 05:54	0°♓53'48	
inferior conj	-5053 Mar 30 j 22:16	29°♒57'24	0°-27'-42
minimum elong	-5053 Mar 30 j 20:59	29°♒59'12	0°27'25
min. Earth dist.	-5053 Mar 30 j 17:33	0°♓04'03	0.55238 AU
	-5053 Mar 30 j 20:25	30°℞♒	
morning rise	-5053 Apr 09 j 03:34	25°♒56'31	
direct	-5053 Apr 11 j 21:24	25°♒39'44	
	-5053 Apr 22 j 09:55	0°♓	
morning max el	-5053 Apr 24 j 00:58	1°♓25'46	21°37'26
asc. node	-5053 May 12 j 23:14	0°♈43'44	
	-5053 May 12 j 14:36	0°♈	
morning set	-5053 May 14 j 11:20	3°♈48'31	
superior conj	-5053 May 21 j 21:48	19°♈22'42	1°20'22
minimum elong	-5053 May 21 j 19:03	19°♈08'27	1°20'04
max. Earth dist.	-5053 May 25 j 12:36	26°♈48'25	1.34975 AU
	-5053 May 27 j 02:50	0°♉	
evening rise	-5053 May 30 j 04:25	5°♉59'07	
	-5053 Jun 12 j 21:37	0°♊	
desc. node	-5053 Jun 25 j 04:15	17°♊43'07	
evening max el	-5053 Jul 04 j 07:47	28°♊09'57	26°52'24
	-5053 Jul 06 j 07:26	0°♋	
retrograde	-5053 Jul 17 j 10:17	5°♋30'31	
evening set	-5053 Jul 24 j 04:40	2°♋43'33	
	-5053 Jul 26 j 23:51	30°℞♊	
min. Earth dist.	-5053 Jul 28 j 02:45	28°♊44'00	0.65499 AU
inferior conj	-5053 Jul 29 j 22:29	26°♊35'16	-2°-58'-50
minimum elong	-5053 Jul 30 j 01:59	26°♊24'59	2°57'36
morning rise	-5053 Aug 05 j 00:22	20°♊52'58	
direct	-5053 Aug 07 j 22:01	20°♊06'13	
asc. node	-5053 Aug 08 j 22:53	20°♊12'07	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning max el	-5053 Aug 14 j 13:08	23°♊45'13	18°28'24
	-5053 Aug 19 j 14:09	0°♋	
morning set	-5053 Sep 03 j 04:11	23°♋05'20	
	-5053 Sep 07 j 10:15	0°♌	
superior conj	-5053 Sep 18 j 07:20	17°♌23'36	0°17'51
minimum elong	-5053 Sep 18 j 09:38	17°♌32'41	0°17'45
max. Earth dist.	-5053 Sep 20 j 03:27	20°♌17'53	1.44753 AU
desc. node	-5053 Sep 21 j 03:39	21°♌53'19	
	-5053 Sep 26 j 07:21	0°♍	
evening rise	-5053 Oct 04 j 19:48	13°♍23'44	
	-5053 Oct 15 j 10:10	0°♎	
greatest brilliancy	-5053 Oct 17 j 12:44	3°♎13'26	-0.7m
evening max el	-5053 Oct 27 j 21:08	17°♎06'52	19°18'21
retrograde	-5053 Nov 03 j 23:35	21°♎12'11	
asc. node	-5053 Nov 04 j 21:40	21°♎07'18	
evening set	-5053 Nov 07 j 05:21	20°♎11'06	
inferior conj	-5053 Nov 12 j 22:29	14°♎16'12	2°30'34
minimum elong	-5053 Nov 12 j 19:30	14°♎25'45	2°29'32
min. Earth dist.	-5053 Nov 14 j 05:36	12°♎37'08	0.65865 AU
morning rise	-5053 Nov 18 j 08:49	8°♎03'25	
direct	-5053 Nov 24 j 15:03	5°♎21'14	
morning max el	-5053 Dec 07 j 04:53	12°♎43'19	26°11'30
desc. node	-5053 Dec 18 j 03:54	25°♎46'31	
	-5053 Dec 21 j 05:23	0°♏	
	-5052 Jan 08 j 23:14	0°♐	
morning set	-5052 Jan 12 j 07:35	6°♐06'44	
max. Earth dist.	-5052 Jan 16 j 09:53	13°♐55'05	1.35464 AU
superior conj	-5052 Jan 21 j 07:53	23°♐43'40	-1°-30'-34
minimum elong	-5052 Jan 21 j 10:50	23°♐58'46	1°30'31
	-5052 Jan 24 j 09:07	0°♑	
evening rise	-5052 Jan 29 j 02:49	9°♑47'44	
asc. node	-5052 Jan 31 j 20:31	15°♑19'34	
	-5052 Feb 09 j 00:44	0°♒	
evening max el	-5052 Feb 16 j 16:34	9°♒38'38	20°29'21
retrograde	-5052 Feb 27 j 11:16	14°♒45'24	
evening set	-5052 Feb 29 j 20:35	14°♒31'24	
inferior conj	-5052 Mar 09 j 18:57	10°♒33'07	1°26'16
minimum elong	-5052 Mar 09 j 22:35	10°♒27'47	1°24'52
min. Earth dist.	-5052 Mar 11 j 07:36	9°♒39'26	0.55478 AU
desc. node	-5052 Mar 15 j 03:04	7°♒37'05	
morning rise	-5052 Mar 18 j 22:34	6°♒13'21	
direct	-5052 Mar 22 j 10:58	5°♒46'25	
morning max el	-5052 Apr 04 j 21:23	12°♒21'31	23°13'08
	-5052 Apr 18 j 03:01	0°♓	
morning set	-5052 Apr 27 j 22:46	18°♓48'16	
asc. node	-5052 Apr 28 j 20:12	20°♓40'45	
	-5052 May 03 j 05:03	0°♈	
superior conj	-5052 May 05 j 03:11	4°♈06'49	1°00'43
minimum elong	-5052 May 05 j 00:49	3°♈54'10	1°00'18
max. Earth dist.	-5052 May 07 j 12:20	9°♈09'29	1.33866 AU
evening rise	-5052 May 12 j 19:52	20°♈01'58	
	-5052 May 18 j 00:48	0°♉	
	-5052 Jun 05 j 22:30	0°♊	
desc. node	-5052 Jun 11 j 01:23	6°♊21'28	
evening max el	-5052 Jun 15 j 18:40	11°♊22'32	27°21'42
retrograde	-5052 Jun 29 j 08:03	18°♊47'53	
evening set	-5052 Jul 06 j 10:06	16°♊04'08	
min. Earth dist.	-5052 Jul 10 j 02:08	12°♊40'46	0.64145 AU
inferior conj	-5052 Jul 12 j 12:05	10°♊05'29	-3°-36'-32
minimum elong	-5052 Jul 12 j 15:30	9°♊56'18	3°35'36
morning rise	-5052 Jul 18 j 22:34	4°♊40'09	
direct	-5052 Jul 21 j 15:12	4°♊03'01	
asc. node	-5052 Jul 25 j 19:57	5°♊32'06	
morning max el	-5052 Jul 28 j 03:20	7°♊29'46	18°03'49
	-5052 Aug 12 j 02:56	0°♋	
morning set	-5052 Aug 14 j 16:10	4°♋21'40	
superior conj	-5052 Aug 27 j 19:28	26°♋19'03	1°01'26
minimum elong	-5052 Aug 28 j 01:21	26°♋42'58	1°01'01
	-5052 Aug 30 j 02:04	0°♌	
max. Earth dist.	-5052 Sep 01 j 20:20	4°♌25'27	1.44160 AU
desc. node	-5052 Sep 07 j 00:34	12°♌36'36	
evening rise	-5052 Sep 13 j 05:52	22°♌17'52	
	-5052 Sep 18 j 06:02	0°♍	
greatest brilliancy	-5052 Oct 03 j 06:35	22°♍11'57	-0.6m
	-5052 Oct 09 j 13:09	0°♎	
evening max el	-5052 Oct 10 j 01:44	0°♎33'03	20°14'35
retrograde	-5052 Oct 17 j 20:47	5°♎07'38	
evening set	-5052 Oct 21 j 11:38	3°♎51'38	
asc. node	-5052 Oct 21 j 18:50	3°♎38'27	
	-5052 Oct 25 j 06:59	30°℞♍	
inferior conj	-5052 Oct 27 j 00:07	27°♍45'14	1°42'52
minimum elong	-5052 Oct 26 j 21:54	27°♍52'42	1°42'03
min. Earth dist.	-5052 Oct 27 j 19:05	26°♍41'46	0.66675 AU
morning rise	-5052 Nov 01 j 07:36	21°♍28'12	
direct	-5052 Nov 06 j 23:03	19°♍01'49	
morning max el	-5052 Nov 18 j 13:53	25°♍56'21	24°55'26
	-5052 Nov 22 j 07:47	0°♎	
desc. node	-5052 Dec 04 j 00:49	15°♎17'21	
	-5052 Dec 13 j 18:59	0°♏	
morning set	-5052 Dec 24 j 15:25	18°♏12'08	
max. Earth dist.	-5052 Dec 28 j 10:28	25°♏03'47	1.37217 AU
	-5052 Dec 31 j 01:52	0°♐	
superior conj	-5051 Jan 03 j 20:08	7°♐14'35	-1°-45'-10
minimum elong	-5051 Jan 03 j 22:27	7°♐25'56	1°45'17
evening rise	-5051 Jan 12 j 05:23	23°♐59'02	
	-5051 Jan 15 j 06:29	0°♑	
asc. node	-5051 Jan 17 j 17:36	4°♑40'46	
evening max el	-5051 Jan 29 j 07:35	21°♑31'47	19°24'23
retrograde	-5051 Feb 07 j 11:27	25°♑52'52	
evening set	-5051 Feb 09 j 20:20	25°♑36'42	
inferior conj	-5051 Feb 18 j 03:22	21°♑28'42	2°56'12
minimum elong	-5051 Feb 18 j 08:30	21°♑20'13	2°54'42
min. Earth dist.	-5051 Feb 20 j 22:20	19°♑38'49	0.56577 AU
morning rise	-5051 Feb 26 j 17:02	16°♑39'43	
desc. node	-5051 Mar 02 j 00:14	15°♑53'24	
direct	-5051 Mar 03 j 10:25	15°♑48'41	
morning max el	-5051 Mar 17 j 12:42	22°♑58'33	24°51'09
	-5051 Mar 23 j 18:43	0°♒	
	-5051 Apr 10 j 14:22	0°♓	
morning set	-5051 Apr 12 j 11:07	3°♓51'51	
asc. node	-5051 Apr 15 j 17:11	10°♓47'58	
superior conj	-5051 Apr 19 j 12:32	19°♓03'16	0°38'27
minimum elong	-5051 Apr 19 j 10:54	18°♓54'29	0°38'02
max. Earth dist.	-5051 Apr 20 j 19:58	21°♓53'17	1.33114 AU
	-5051 Apr 24 j 15:27	0°♈	
evening rise	-5051 Apr 26 j 20:08	4°♈31'59	
	-5051 May 10 j 17:53	0°♉	
desc. node	-5051 May 28 j 22:34	23°♉57'28	
evening max el	-5051 May 29 j 03:06	24°♉08'25	27°20'58
	-5051 Jun 06 j 00:01	0°♊	
retrograde	-5051 Jun 11 j 23:47	1°♊33'43	
	-5051 Jun 17 j 15:33	30°℞♉	
evening set	-5051 Jun 19 j 01:38	29°♉07'15	
min. Earth dist.	-5051 Jun 22 j 15:57	26°♉11'19	0.62422 AU
inferior conj	-5051 Jun 25 j 15:13	23°♉20'55	-4°-2'-58
minimum elong	-5051 Jun 25 j 17:32	23°♉15'23	4°02'30
morning rise	-5051 Jul 02 j 11:52	18°♉15'10	
direct	-5051 Jul 05 j 01:19	17°♉45'25	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning max el	-5051 Jul 11 j 17:55	21°♉09'17	17°57'24	
asc. node	-5051 Jul 12 j 17:00	22°♉09'11		
	-5051 Jul 18 j 10:48	0°♊		
morning set	-5051 Jul 28 j 02:24	16°♊41'43		
	-5051 Aug 04 j 14:34	0°♋		
superior conj	-5051 Aug 08 j 09:53	6°♋33'07	1°31'15	
minimum elong	-5051 Aug 08 j 14:50	6°♋54'10	1°31'07	
max. Earth dist.	-5051 Aug 15 j 08:47	18°♋08'05	1.42934 AU	
	-5051 Aug 22 j 19:01	0°♌		
evening rise	-5051 Aug 23 j 09:29	0°♌56'39		
desc. node	-5051 Aug 24 j 21:31	3°♌16'56		
	-5051 Sep 11 j 21:04	0°♍		
greatest brilliancy	-5051 Sep 17 j 19:50	7°♍58'27	-0.4m	
evening max el	-5051 Sep 23 j 00:10	13°♍58'14	21°23'37	
retrograde	-5051 Oct 01 j 17:25	19°♍08'26		
evening set	-5051 Oct 05 j 19:37	17°♍34'50		
asc. node	-5051 Oct 08 j 16:01	14°♍42'10		
inferior conj	-5051 Oct 11 j 05:07	11°♍20'33	0°51'37	
minimum elong	-5051 Oct 11 j 03:56	11°♍24'36	0°51'14	
min. Earth dist.	-5051 Oct 11 j 13:13	10°♍52'43	0.67172 AU	
morning rise	-5051 Oct 16 j 11:56	5°♍02'20		
direct	-5051 Oct 21 j 12:05	2°♍56'00		
morning max el	-5051 Oct 31 j 23:14	9°♍11'32	23°30'20	
	-5051 Nov 17 j 07:37	0°♎		
desc. node	-5051 Nov 20 j 21:43	5°♎14'41		
morning set	-5051 Dec 05 j 22:45	29°♎02'10		
	-5051 Dec 06 j 12:28	0°♏		
max. Earth dist.	-5051 Dec 10 j 06:15	6°♏25'54	1.39235 AU	
superior conj	-5051 Dec 17 j 18:36	20°♏00'30	-1°-52'-22	
minimum elong	-5051 Dec 17 j 19:06	20°♏02'50	1°52'35	
	-5051 Dec 23 j 00:50	0°♐		
evening rise	-5051 Dec 27 j 00:23	7°♐42'24		
asc. node	-5050 Jan 04 j 14:43	23°♐33'14		
	-5050 Jan 08 j 21:15	0°♑		
evening max el	-5050 Jan 12 j 08:06	3°♑58'19	18°39'04	
retrograde	-5050 Jan 20 j 04:56	7°♑47'19		
evening set	-5050 Jan 22 j 16:04	7°♑26'15		
inferior conj	-5050 Jan 30 j 07:05	2°♑59'36	3°48'20	
minimum elong	-5050 Jan 30 j 10:12	2°♑53'37	3°47'40	
min. Earth dist.	-5050 Feb 02 j 15:14	0°♑27'32	0.58289 AU	
	-5050 Feb 03 j 06:37	30°℞♐		
morning rise	-5050 Feb 07 j 00:45	27°♐44'11		
direct	-5050 Feb 12 j 23:15	26°♐16'21		
desc. node	-5050 Feb 16 j 21:22	26°♐54'01		
	-5050 Feb 22 j 19:00	0°♑		
morning max el	-5050 Feb 27 j 04:58	3°♑44'26	26°16'41	
	-5050 Mar 18 j 04:30	0°♒		
morning set	-5050 Mar 27 j 22:40	18°♒53'02		
	-5050 Apr 02 j 03:01	0°♓		
asc. node	-5050 Apr 02 j 14:10	1°♓00'50		
superior conj	-5050 Apr 03 j 23:54	4°♓05'14	0°14'33	
minimum elong	-5050 Apr 03 j 23:16	4°♓01'47	0°14'16	
behind sun begin	-5050 Apr 03 j 21:08	3°♓50'06		
behind sun end	-5050 Apr 04 j 01:24	4°♓13'27		
max. Earth dist.	-5050 Apr 04 j 08:18	4°♓51'10	1.32705 AU	
evening rise	-5050 Apr 11 j 02:19	19°♓19'26		
	-5050 Apr 16 j 10:45	0°♈		
	-5050 May 05 j 12:33	0°♉		
evening max el	-5050 May 11 j 06:55	6°♉17'29	26°47'29	
desc. node	-5050 May 15 j 19:46	10°♉04'57		
retrograde	-5050 May 25 j 08:08	13°♉39'07		
evening set	-5050 May 31 j 23:08	11°♉43'39		
min. Earth dist.	-5050 Jun 04 j 20:25	9°♉00'44	0.60444 AU	
inferior conj	-5050 Jun 08 j 04:25	6°♉13'19	-4°-12'-2	
minimum elong	-5050 Jun 08 j 04:20	6°♉13'29	4°11'54	
morning rise	-5050 Jun 15 j 12:49	1°♉28'53		
direct	-5050 Jun 18 j 00:37	1°♉04'49		
morning max el	-5050 Jun 25 j 06:02	4°♉36'17	18°10'00	
asc. node	-5050 Jun 29 j 14:01	9°♉47'33		
morning set	-5050 Jul 11 j 05:30	29°♉51'49		
	-5050 Jul 11 j 07:15	0°♊		
superior conj	-5050 Jul 21 j 03:01	18°♊06'58	1°46'21	
minimum elong	-5050 Jul 21 j 05:08	18°♊16'28	1°46'32	
	-5050 Jul 27 j 22:26	0°♋		
max. Earth dist.	-5050 Jul 28 j 15:41	1°♋13'02	1.41251 AU	
evening rise	-5050 Aug 03 j 03:06	10°♋16'16		
desc. node	-5050 Aug 11 j 18:29	23°♋50'32		
	-5050 Aug 15 j 20:49	0°♌		
greatest brilliancy	-5050 Aug 31 j 21:00	21°♌58'57	-0.3m	
evening max el	-5050 Sep 05 j 16:38	27°♌22'52	22°41'28	
	-5050 Sep 08 j 12:57	0°♍		
retrograde	-5050 Sep 15 j 11:49	3°♍11'34		
evening set	-5050 Sep 20 j 03:27	1°♍18'23		
	-5050 Sep 21 j 12:47	30°℞♌		
inferior conj	-5050 Sep 25 j 11:33	24°♌59'39	0°-1'-22	
minimum elong	-5050 Sep 25 j 11:35	24°♌59'34	0°01'11	
transit middle	-5050 Sep 25 j 11:35	24°♌59'34	0°01'11	
transit begin	-5050 Sep 25 j 08:53	25°♌08'51		
transit end	-5050 Sep 25 j 14:16	24°♌50'16		
min. Earth dist.	-5050 Sep 25 j 09:24	25°♌07'06	0.67376 AU	
asc. node	-5050 Sep 25 j 13:10	24°♌54'03		
morning rise	-5050 Sep 30 j 19:36	18°♌43'32		
direct	-5050 Oct 05 j 05:17	16°♌58'27		
morning max el	-5050 Oct 14 j 11:51	22°♌29'44	22°05'11	
greatest brilliancy	-5050 Oct 19 j 07:33	27°♌58'49	-0.4m	
	-5050 Oct 20 j 22:02	0°♍		
desc. node	-5050 Nov 07 j 18:35	25°♍30'09		
	-5050 Nov 10 j 16:42	0°♎		
morning set	-5050 Nov 16 j 01:26	8°♎27'55		
max. Earth dist.	-5050 Nov 22 j 05:18	18°♎33'14	1.41264 AU	
	-5050 Nov 28 j 21:38	0°♏		
superior conj	-5050 Nov 29 j 21:55	1°♏46'56	-1°-48'-55	
minimum elong	-5050 Nov 29 j 19:21	1°♏35'35	1°48'57	
evening rise	-5050 Dec 10 j 08:34	20°♏49'44		
	-5050 Dec 15 j 08:14	0°♐		
asc. node	-5050 Dec 22 j 11:50	11°♐47'09		
evening max el	-5050 Dec 26 j 15:32	16°♐49'50	18°13'51	
retrograde	-5049 Jan 02 j 16:20	20°♐22'09		
evening set	-5049 Jan 05 j 05:45	19°♐54'54		
inferior conj	-5049 Jan 12 j 06:41	15°♐06'04	4°05'55	
minimum elong	-5049 Jan 12 j 06:51	15°♐05'42	4°05'40	
min. Earth dist.	-5049 Jan 15 j 12:51	12°♐14'07	0.60260 AU	
morning rise	-5049 Jan 19 j 05:08	9°♐31'00		
direct	-5049 Jan 25 j 23:14	7°♐25'08		
desc. node	-5049 Feb 03 j 18:27	10°♐35'15		
morning max el	-5049 Feb 09 j 02:33	15°♐01'41	27°16'05	
	-5049 Feb 21 j 06:36	0°♑		
	-5049 Mar 10 j 11:37	0°♒		
morning set	-5049 Mar 12 j 07:39	3°♒45'12		
superior conj	-5049 Mar 19 j 11:36	19°♒06'29	0°-10'-9	
minimum elong	-5049 Mar 19 j 12:04	19°♒09'00	0°10'16	
behind sun begin	-5049 Mar 19 j 08:14	18°♒48'01		
behind sun end	-5049 Mar 19 j 15:54	19°♒29'59		
max. Earth dist.	-5049 Mar 18 j 21:49	17°♒51'10	1.32628 AU	
asc. node	-5049 Mar 20 j 11:08	21°♒15'10		
	-5049 Mar 24 j 11:50	0°♓		
evening rise	-5049 Mar 26 j 12:06	4°♓16'04		
	-5049 Apr 09 j 08:49	0°♈		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening max el	-5049 Apr 23 j 04:41	17°♈45'41	25°43'36
desc. node	-5049 May 02 j 16:58	24°♈09'54	
retrograde	-5049 May 07 j 06:57	24°♈59'43	
evening set	-5049 May 12 j 23:35	23°♈42'08	
min. Earth dist.	-5049 May 17 j 17:16	20°♈55'51	0.58425 AU
inferior conj	-5049 May 21 j 00:04	18°♈33'19	-3°-55'-13
minimum elong	-5049 May 20 j 20:44	18°♈39'25	3°54'46
morning rise	-5049 May 28 j 21:52	14°♈10'22	
direct	-5049 May 31 j 08:46	13°♈50'52	
morning max el	-5049 Jun 08 j 12:48	17°♈42'26	18°42'31
asc. node	-5049 Jun 16 j 11:00	28°♈13'28	
	-5049 Jun 17 j 12:17	0°♉	
morning set	-5049 Jun 24 j 20:56	13°♉40'50	
	-5049 Jul 03 j 07:46	0°♊	
superior conj	-5049 Jul 03 j 17:51	0°♊47'30	1°49'15
minimum elong	-5049 Jul 03 j 17:25	0°♊45'28	1°49'29
max. Earth dist.	-5049 Jul 10 j 18:21	13°♊37'21	1.39336 AU
evening rise	-5049 Jul 14 j 22:14	20°♊50'18	
	-5049 Jul 20 j 11:01	0°♋	
desc. node	-5049 Jul 29 j 15:32	14°♋13'23	
	-5049 Aug 09 j 22:31	0°♌	
evening max el	-5049 Aug 19 j 04:53	10°♌49'28	24°02'20
retrograde	-5049 Aug 30 j 02:52	17°♌15'01	
evening set	-5049 Sep 04 j 09:24	15°♌01'41	
min. Earth dist.	-5049 Sep 09 j 05:12	9°♌24'20	0.67286 AU
inferior conj	-5049 Sep 09 j 17:45	8°♌41'46	0°-54'-20
minimum elong	-5049 Sep 09 j 18:59	8°♌37'33	0°53'36
asc. node	-5049 Sep 12 j 10:17	5°♌12'54	
morning rise	-5049 Sep 15 j 04:45	2°♌31'01	
direct	-5049 Sep 19 j 01:31	1°♌06'01	
morning max el	-5049 Sep 27 j 06:47	5°♌55'51	20°47'15
greatest brilliancy	-5049 Oct 03 j 06:37	13°♌03'17	-0.5m
	-5049 Oct 15 j 03:51	0°♍	
desc. node	-5049 Oct 25 j 15:26	15°♍58'41	
morning set	-5049 Oct 26 j 05:12	16°♍52'12	
	-5049 Nov 03 j 12:15	0°♎	
max. Earth dist.	-5049 Nov 04 j 11:51	1°♎35'24	1.43009 AU
superior conj	-5049 Nov 11 j 00:27	12°♎20'30	-1°-31'-14
minimum elong	-5049 Nov 10 j 18:38	11°♎56'07	1°30'47
	-5049 Nov 21 j 06:19	0°♏	
evening rise	-5049 Nov 23 j 02:07	3°♏13'34	
asc. node	-5049 Dec 09 j 08:57	29°♏11'05	
evening max el	-5049 Dec 10 j 03:00	29°♏58'28	18°08'19
	-5049 Dec 10 j 03:36	0°♐	
retrograde	-5049 Dec 16 j 18:04	3°♐27'22	
evening set	-5049 Dec 19 j 10:03	2°♐53'02	
	-5049 Dec 23 j 14:33	30°℞♏	
inferior conj	-5049 Dec 25 j 23:21	27°♏42'24	3°57'56
minimum elong	-5049 Dec 25 j 21:19	27°♏47'33	3°57'30
min. Earth dist.	-5049 Dec 28 j 18:37	24°♏53'14	0.62187 AU
morning rise	-5048 Jan 01 j 06:33	21°♏52'36	
direct	-5048 Jan 08 j 08:08	19°♏18'19	
desc. node	-5048 Jan 21 j 15:29	26°♏23'26	
morning max el	-5048 Jan 22 j 06:27	26°♏59'33	27°40'58
	-5048 Jan 25 j 03:36	0°♐	
	-5048 Feb 14 j 19:58	0°♑	
morning set	-5048 Feb 24 j 11:55	18°♑20'27	
	-5048 Mar 01 j 01:24	0°♒	
max. Earth dist.	-5048 Mar 01 j 08:32	0°♒38'25	1.32896 AU
superior conj	-5048 Mar 02 j 21:58	4°♒00'36	0°-34'-47
minimum elong	-5048 Mar 02 j 23:29	4°♒08'52	0°34'44
asc. node	-5048 Mar 06 j 08:07	11°♒26'31	
evening rise	-5048 Mar 09 j 23:31	19°♒14'11	
	-5048 Mar 15 j 07:17	0°♓	

evening max el	-5048 Apr 03 j 21:29	28°♓40'15	24°17'55
	-5048 Apr 05 j 08:24	0°♈	
retrograde	-5048 Apr 17 j 18:07	5°♈38'02	
desc. node	-5048 Apr 18 j 14:11	5°♈36'26	
evening set	-5048 Apr 22 j 04:18	4°♈54'13	
min. Earth dist.	-5048 Apr 28 j 09:25	1°♈50'24	0.56669 AU
inferior conj	-5048 Apr 30 j 23:38	0°♈12'15	-3°-3'-2
minimum elong	-5048 Apr 30 j 18:06	0°♈21'03	3°01'46
	-5048 May 01 j 07:23	30°℞♓	
morning rise	-5048 May 09 j 11:56	26°♓07'19	
direct	-5048 May 11 j 22:18	25°♓51'20	
	-5048 May 21 j 03:44	0°♈	
morning max el	-5048 May 21 j 11:28	0°♈17'43	19°35'21
asc. node	-5048 Jun 02 j 07:57	17°♈15'00	
morning set	-5048 Jun 07 j 21:06	27°♈58'29	
	-5048 Jun 08 j 21:20	0°♉	
superior conj	-5048 Jun 16 j 00:38	14°♉17'54	1°42'59
minimum elong	-5048 Jun 15 j 22:36	14°♉07'54	1°43'02
max. Earth dist.	-5048 Jun 21 j 20:34	25°♉29'26	1.37440 AU
	-5048 Jun 24 j 07:22	0°♊	
evening rise	-5048 Jun 25 j 18:51	2°♊39'48	
	-5048 Jul 12 j 13:18	0°♋	
desc. node	-5048 Jul 15 j 12:37	4°♋19'06	
evening max el	-5048 Jul 31 j 15:20	24°♋18'16	25°19'10
	-5048 Aug 08 j 00:01	0°♌	
retrograde	-5048 Aug 12 j 13:52	1°♌14'00	
	-5048 Aug 16 j 17:46	30°℞♋	
evening set	-5048 Aug 18 j 11:35	28°♋42'37	
min. Earth dist.	-5048 Aug 22 j 22:13	23°♋42'05	0.66870 AU
inferior conj	-5048 Aug 23 j 21:56	22°♋24'39	-1°-45'-41
minimum elong	-5048 Aug 24 j 00:17	22°♋16'56	1°44'33
asc. node	-5048 Aug 29 j 07:22	16°♋32'59	
morning rise	-5048 Aug 29 j 13:30	16°♋22'30	
direct	-5048 Sep 01 j 23:25	15°♋14'59	
morning max el	-5048 Sep 09 j 08:56	19°♋30'48	19°41'22
	-5048 Sep 17 j 15:02	0°♌	
greatest brilliancy	-5048 Sep 17 j 18:46	0°♌13'23	-0.6m
morning set	-5048 Oct 04 j 05:34	25°♌13'54	
	-5048 Oct 07 j 07:04	0°♍	
desc. node	-5048 Oct 11 j 12:19	6°♍36'03	
max. Earth dist.	-5048 Oct 17 j 01:00	15°♍19'37	1.44222 AU
superior conj	-5048 Oct 20 j 23:22	21°♍36'36	0°-57'-16
minimum elong	-5048 Oct 20 j 17:12	21°♍11'49	0°56'31
	-5048 Oct 26 j 03:32	0°♎	
evening rise	-5048 Nov 04 j 00:27	14°♎44'47	
	-5048 Nov 13 j 03:23	0°♏	
evening max el	-5048 Nov 22 j 15:45	13°♏18'03	18°21'40
asc. node	-5048 Nov 25 j 06:03	15°♏31'15	
retrograde	-5048 Nov 29 j 05:40	16°♏54'15	
evening set	-5048 Dec 02 j 01:25	16°♏11'25	
inferior conj	-5048 Dec 08 j 05:23	10°♏41'18	3°32'31
minimum elong	-5048 Dec 08 j 02:16	10°♏50'02	3°31'43
min. Earth dist.	-5048 Dec 10 j 10:30	8°♏12'00	0.63876 AU
morning rise	-5048 Dec 14 j 01:39	4°♏40'15	
direct	-5048 Dec 21 j 00:43	1°♏51'57	
morning max el	-5047 Jan 03 j 14:45	9°♏33'39	27°29'57
desc. node	-5047 Jan 07 j 12:28	13°♏44'02	
	-5047 Jan 19 j 16:46	0°♐	
	-5047 Feb 06 j 02:21	0°♑	
morning set	-5047 Feb 07 j 08:58	2°♑30'10	
max. Earth dist.	-5047 Feb 12 j 12:29	12°♑59'25	1.33548 AU
superior conj	-5047 Feb 15 j 05:15	18°♑41'30	0°-58'-25
minimum elong	-5047 Feb 15 j 07:40	18°♑54'23	0°58'15
	-5047 Feb 20 j 12:02	0°♒	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5047 Feb 21 j 05:07	1°♒30'41	
evening rise	-5047 Feb 22 j 10:50	4°♒07'21	
	-5047 Mar 08 j 18:09	0°♓	
evening max el	-5047 Mar 16 j 14:23	9°♓24'42	22°43'55
retrograde	-5047 Mar 29 j 17:09	15°♓49'40	
evening set	-5047 Apr 01 j 22:27	15°♓26'55	
desc. node	-5047 Apr 05 j 11:21	14°♓14'40	
min. Earth dist.	-5047 Apr 10 j 00:00	11°♓53'20	0.55514 AU
inferior conj	-5047 Apr 11 j 04:57	11°♓11'42	-1°-32'-28
minimum elong	-5047 Apr 11 j 00:58	11°♓17'26	1°31'18
morning rise	-5047 Apr 20 j 05:57	7°♓14'04	
direct	-5047 Apr 22 j 18:25	6°♓59'11	
morning max el	-5047 May 03 j 23:55	12°♓14'31	20°47'52
	-5047 May 16 j 15:51	0°♈	
asc. node	-5047 May 20 j 04:55	6°♈43'34	
morning set	-5047 May 23 j 03:18	12°♈37'27	
superior conj	-5047 May 30 j 18:49	28°♈24'58	1°30'04
minimum elong	-5047 May 30 j 16:07	28°♈11'11	1°29'52
	-5047 May 31 j 13:27	0°♉	
max. Earth dist.	-5047 Jun 04 j 04:29	7°♉15'23	1.35777 AU
evening rise	-5047 Jun 08 j 12:10	15°♉32'55	
	-5047 Jun 16 j 15:03	0°♊	
desc. node	-5047 Jul 02 j 09:43	23°♊59'55	
	-5047 Jul 07 j 01:33	0°♋	
evening max el	-5047 Jul 14 j 02:02	7°♋47'17	26°23'50
retrograde	-5047 Jul 26 j 20:15	15°♋02'33	
evening set	-5047 Aug 02 j 07:51	12°♋18'42	
min. Earth dist.	-5047 Aug 06 j 10:10	7°♋56'51	0.66105 AU
inferior conj	-5047 Aug 07 j 22:14	6°♋05'48	-2°-33'-39
minimum elong	-5047 Aug 08 j 01:27	5°♋55'54	2°32'21
morning rise	-5047 Aug 13 j 19:55	0°♋15'20	
	-5047 Aug 14 j 07:24	30°℞♊	
asc. node	-5047 Aug 16 j 04:27	29°♊24'49	
direct	-5047 Aug 16 j 21:17	29°♊22'02	
	-5047 Aug 19 j 12:45	0°♋	
morning max el	-5047 Aug 23 j 17:24	3°♋12'20	18°50'16
	-5047 Sep 11 j 04:01	0°♌	
morning set	-5047 Sep 13 j 23:47	4°♌30'19	
desc. node	-5047 Sep 28 j 09:13	27°♌18'12	
max. Earth dist.	-5047 Sep 29 j 17:49	29°♌26'42	1.44765 AU
superior conj	-5047 Sep 30 j 01:50	29°♌58'20	0°-10'-38
minimum elong	-5047 Sep 30 j 00:27	29°♌52'53	0°10'19
behind sun begin	-5047 Sep 29 j 15:29	29°♌17'32	
behind sun end	-5047 Sep 30 j 09:26	0°♍28'16	
	-5047 Sep 30 j 02:16	0°♍	
evening rise	-5047 Oct 15 j 22:54	25°♍12'46	
	-5047 Oct 18 j 22:18	0°♎	
evening max el	-5047 Nov 06 j 03:09	26°♎43'06	18°52'54
	-5047 Nov 10 j 10:08	0°♏	
asc. node	-5047 Nov 12 j 03:12	0°♏31'34	
retrograde	-5047 Nov 12 j 23:12	0°♏35'28	
	-5047 Nov 15 j 10:55	30°℞♎	
evening set	-5047 Nov 16 j 00:37	29°♎41'56	
inferior conj	-5047 Nov 21 j 21:13	23°♎55'22	2°55'30
minimum elong	-5047 Nov 21 j 17:59	24°♎05'17	2°54'29
min. Earth dist.	-5047 Nov 23 j 12:06	21°♎56'13	0.65240 AU
morning rise	-5047 Nov 27 j 10:17	17°♎45'59	
direct	-5047 Dec 04 j 00:00	14°♎57'58	
morning max el	-5047 Dec 17 j 00:28	22°♎31'11	26°47'16
	-5047 Dec 23 j 16:20	0°♏	
desc. node	-5047 Dec 25 j 09:26	2°♏09'23	
	-5046 Jan 12 j 22:13	0°♐	
morning set	-5046 Jan 21 j 19:18	16°♐02'22	
max. Earth dist.	-5046 Jan 26 j 05:55	24°♐44'08	1.34633 AU
	-5046 Jan 28 j 20:08	0°♑	
superior conj	-5046 Jan 30 j 07:20	3°♑01'41	-1°-19'-50
minimum elong	-5046 Jan 30 j 10:16	3°♑16'55	1°19'43
evening rise	-5046 Feb 06 j 20:17	18°♑48'40	
asc. node	-5046 Feb 08 j 02:08	21°♑22'18	
	-5046 Feb 12 j 11:10	0°♒	
evening max el	-5046 Feb 26 j 13:33	20°♒25'10	21°14'44
retrograde	-5046 Mar 10 j 07:25	26°♒01'20	
evening set	-5046 Mar 12 j 20:01	25°♒46'42	
inferior conj	-5046 Mar 22 j 00:44	21°♒47'42	0°21'49
minimum elong	-5046 Mar 22 j 01:44	21°♒46'18	0°21'17
min. Earth dist.	-5046 Mar 22 j 14:23	21°♒28'21	0.55220 AU
desc. node	-5046 Mar 23 j 08:31	21°♒02'48	
morning rise	-5046 Mar 31 j 06:51	17°♒40'19	
direct	-5046 Apr 03 j 06:48	17°♒20'36	
morning max el	-5046 Apr 16 j 01:30	23°♒29'34	22°17'04
	-5046 Apr 21 j 19:32	0°♓	
asc. node	-5046 May 07 j 01:54	26°♓31'42	
morning set	-5046 May 07 j 13:21	27°♓31'00	
	-5046 May 08 j 17:53	0°♈	
superior conj	-5046 May 14 j 20:53	12°♈57'47	1°12'26
minimum elong	-5046 May 14 j 18:14	12°♈43'52	1°12'04
max. Earth dist.	-5046 May 17 j 22:18	19°♈20'17	1.34456 AU
evening rise	-5046 May 22 j 20:52	29°♈14'22	
	-5046 May 23 j 06:16	0°♉	
	-5046 Jun 09 j 17:56	0°♊	
desc. node	-5046 Jun 19 j 06:50	13°♊05'25	
evening max el	-5046 Jun 26 j 13:23	21°♊09'53	27°08'17
retrograde	-5046 Jul 09 j 21:26	28°♊33'48	
evening set	-5046 Jul 16 j 19:39	25°♊46'48	
min. Earth dist.	-5046 Jul 20 j 14:52	22°♊03'01	0.64966 AU
inferior conj	-5046 Jul 22 j 16:32	19°♊42'00	-3°-15'-58
minimum elong	-5046 Jul 22 j 20:05	19°♊31'53	3°14'48
morning rise	-5046 Jul 28 j 21:52	14°♊06'22	
direct	-5046 Jul 31 j 17:02	13°♊24'06	
asc. node	-5046 Aug 03 j 01:33	13°♊53'40	
morning max el	-5046 Aug 07 j 06:10	16°♊57'12	18°15'42
	-5046 Aug 16 j 17:27	0°♋	
morning set	-5046 Aug 25 j 20:56	15°♋04'47	
	-5046 Sep 03 j 22:46	0°♌	
superior conj	-5046 Sep 09 j 04:09	8°♌24'06	0°37'41
minimum elong	-5046 Sep 09 j 08:34	8°♌41'44	0°37'21
max. Earth dist.	-5046 Sep 12 j 11:28	13°♌39'16	1.44586 AU
desc. node	-5046 Sep 15 j 06:07	18°♌02'16	
	-5046 Sep 22 j 21:26	0°♍	
evening rise	-5046 Sep 25 j 20:24	4°♍36'29	
greatest brilliancy	-5046 Oct 12 j 03:39	29°♍30'53	-0.7m
	-5046 Oct 12 j 11:44	0°♎	
evening max el	-5046 Oct 20 j 10:55	10°♎10'22	19°40'34
retrograde	-5046 Oct 27 j 19:42	14°♎27'02	
asc. node	-5046 Oct 30 j 00:21	13°♎59'03	
evening set	-5046 Oct 31 j 05:01	13°♎20'03	
inferior conj	-5046 Nov 05 j 20:01	7°♎20'07	2°10'54
minimum elong	-5046 Nov 05 j 17:18	7°♎28'59	2°09'55
min. Earth dist.	-5046 Nov 06 j 21:51	5°♎55'52	0.66257 AU
morning rise	-5046 Nov 11 j 04:51	1°♎05'14	
	-5046 Nov 12 j 14:18	30°℞♍	
direct	-5046 Nov 17 j 05:07	28°♍28'40	
	-5046 Nov 22 j 08:00	0°♎	
morning max el	-5046 Nov 29 j 09:39	5°♎40'31	25°40'42
desc. node	-5046 Dec 12 j 06:23	21°♎20'36	
	-5046 Dec 18 j 06:31	0°♏	
morning set	-5045 Jan 04 j 14:24	28°♏43'47	
	-5045 Jan 05 j 07:02	0°♐	
max. Earth dist.	-5045 Jan 08 j 11:42	5°♐58'41	1.36168 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5045 Jan 14 j 01:36	16°♐53'30	-1°-37'-30
minimum elong	-5045 Jan 14 j 04:25	17°♐07'37	1°37'32
	-5045 Jan 20 j 12:10	0°♑	
evening rise	-5045 Jan 22 j 01:58	3°♑12'42	
asc. node	-5045 Jan 25 j 23:12	10°♑56'16	
	-5045 Feb 07 j 01:01	0°♒	
evening max el	-5045 Feb 08 j 22:38	1°♒57'54	19°59'24
retrograde	-5045 Feb 18 j 23:57	6°♒43'15	
evening set	-5045 Feb 21 j 08:37	6°♒28'42	
inferior conj	-5045 Mar 02 j 00:53	2°♒28'10	2°08'42
minimum elong	-5045 Mar 02 j 05:42	2°♒20'49	2°07'02
min. Earth dist.	-5045 Mar 04 j 04:37	1°♒09'20	0.55855 AU
	-5045 Mar 06 j 04:49	30°℞♑	
desc. node	-5045 Mar 10 j 05:42	28°♑10'41	
morning rise	-5045 Mar 10 j 23:49	27°♑56'26	
direct	-5045 Mar 15 j 00:07	27°♑20'51	
	-5045 Mar 23 j 10:33	0°♒	
morning max el	-5045 Mar 28 j 18:45	4°♒12'54	23°55'25
	-5045 Apr 15 j 18:26	0°♓	
morning set	-5045 Apr 22 j 01:21	12°♓32'31	
asc. node	-5045 Apr 23 j 22:52	16°♓33'16	
superior conj	-5045 Apr 29 j 04:09	27°♓47'23	0°51'31
minimum elong	-5045 Apr 29 j 02:04	27°♓36'07	0°51'06
	-5045 Apr 30 j 04:52	0°♈	
max. Earth dist.	-5045 May 01 j 01:47	1°♈51'35	1.33502 AU
evening rise	-5045 May 06 j 16:27	13°♈29'51	
	-5045 May 15 j 10:24	0°♉	
	-5045 Jun 04 j 23:06	0°♊	
desc. node	-5045 Jun 06 j 04:01	1°♊20'05	
evening max el	-5045 Jun 08 j 23:46	4°♊13'28	27°25'29
retrograde	-5045 Jun 22 j 16:37	11°♊38'37	
evening set	-5045 Jun 29 j 19:39	9°♊00'50	
min. Earth dist.	-5045 Jul 03 j 10:21	5°♊50'20	0.63450 AU
inferior conj	-5045 Jul 06 j 02:06	3°♊07'09	-3°-49'-28
minimum elong	-5045 Jul 06 j 05:11	2°♊59'13	3°48'43
	-5045 Jul 09 j 08:15	30°℞♉	
morning rise	-5045 Jul 12 j 16:40	27°♉49'32	
direct	-5045 Jul 15 j 07:48	27°♉15'41	
asc. node	-5045 Jul 20 j 22:38	29°♉48'17	
	-5045 Jul 21 j 03:55	0°♊	
morning max el	-5045 Jul 21 j 20:49	0°♊40'04	17°58'47
morning set	-5045 Aug 07 j 19:09	26°♊50'34	
	-5045 Aug 09 j 14:41	0°♋	
superior conj	-5045 Aug 20 j 02:40	17°♋50'37	1°15'57
minimum elong	-5045 Aug 20 j 08:35	18°♋15'07	1°15'36
max. Earth dist.	-5045 Aug 26 j 03:08	27°♋39'45	1.43716 AU
	-5045 Aug 27 j 14:09	0°♌	
desc. node	-5045 Sep 02 j 03:03	8°♌44'51	
evening rise	-5045 Sep 05 j 01:19	13°♌18'01	
	-5045 Sep 16 j 00:50	0°♍	
greatest brilliancy	-5045 Sep 27 j 13:45	16°♍28'39	-0.5m
evening max el	-5045 Oct 03 j 13:06	23°♍36'40	20°42'34
retrograde	-5045 Oct 11 j 16:46	28°♍25'09	
evening set	-5045 Oct 15 j 12:17	27°♍01'51	
asc. node	-5045 Oct 16 j 21:33	25°♍50'27	
inferior conj	-5045 Oct 20 j 23:19	20°♍51'50	1°21'26
minimum elong	-5045 Oct 20 j 21:31	20°♍57'58	1°20'47
min. Earth dist.	-5045 Oct 21 j 13:31	20°♍03'40	0.66935 AU
morning rise	-5045 Oct 26 j 06:18	14°♍34'10	
direct	-5045 Oct 31 j 15:18	12°♍16'00	
morning max el	-5045 Nov 11 j 18:25	18°♍54'08	24°19'41
	-5045 Nov 21 j 03:55	0°♎	
desc. node	-5045 Nov 29 j 03:18	11°♎03'48	
	-5045 Dec 11 j 09:35	0°♏	
morning set	-5045 Dec 17 j 12:30	10°♏18'32	
max. Earth dist.	-5045 Dec 21 j 09:32	17°♏09'39	1.38064 AU
superior conj	-5045 Dec 28 j 08:34	0°♐07'01	-1°-49'-18
minimum elong	-5045 Dec 28 j 10:16	0°♐15'13	1°49'29
	-5045 Dec 28 j 07:06	0°♐	
evening rise	-5044 Jan 06 j 01:39	17°♐13'08	
asc. node	-5044 Jan 12 j 20:17	0°♑06'16	
	-5044 Jan 12 j 18:52	0°♑	
evening max el	-5044 Jan 22 j 17:57	14°♑06'03	19°02'36
retrograde	-5044 Jan 31 j 07:08	18°♑11'33	
evening set	-5044 Feb 02 j 17:03	17°♑53'23	
inferior conj	-5044 Feb 10 j 17:04	13°♑37'50	3°23'02
minimum elong	-5044 Feb 10 j 21:37	13°♑29'49	3°21'53
min. Earth dist.	-5044 Feb 13 j 19:39	11°♑27'58	0.57252 AU
morning rise	-5044 Feb 18 j 22:33	8°♑37'12	
direct	-5044 Feb 24 j 05:04	7°♑31'43	
desc. node	-5044 Feb 25 j 02:51	7°♑33'41	
morning max el	-5044 Mar 09 j 09:40	14°♑50'07	25°30'06
	-5044 Mar 21 j 11:33	0°♒	
morning set	-5044 Apr 05 j 13:35	27°♒36'16	
	-5044 Apr 06 j 16:49	0°♓	
asc. node	-5044 Apr 09 j 19:50	6°♓43'35	
superior conj	-5044 Apr 12 j 14:34	12°♓47'01	0°28'27
minimum elong	-5044 Apr 12 j 13:21	12°♓40'22	0°28'06
max. Earth dist.	-5044 Apr 13 j 12:07	14°♓44'14	1.32898 AU
evening rise	-5044 Apr 19 j 19:34	28°♓08'38	
	-5044 Apr 20 j 17:22	0°♈	
	-5044 May 07 j 17:55	0°♉	
evening max el	-5044 May 21 j 06:35	16°♉45'03	27°10'45
desc. node	-5044 May 23 j 01:12	18°♉22'24	
retrograde	-5044 Jun 04 j 05:05	24°♉08'27	
evening set	-5044 Jun 11 j 03:58	21°♉53'39	
min. Earth dist.	-5044 Jun 14 j 19:52	19°♉05'30	0.61605 AU
inferior conj	-5044 Jun 17 j 23:45	16°♉13'59	-4°-9'-23
minimum elong	-5044 Jun 18 j 01:12	16°♉10'41	4°09'08
morning rise	-5044 Jun 25 j 01:10	11°♉17'10	
direct	-5044 Jun 27 j 13:57	10°♉49'51	
morning max el	-5044 Jul 04 j 10:40	14°♉15'11	18°00'26
asc. node	-5044 Jul 06 j 19:40	16°♉53'16	
	-5044 Jul 15 j 06:01	0°♊	
morning set	-5044 Jul 20 j 13:10	9°♊33'42	
superior conj	-5044 Jul 31 j 04:55	28°♊40'03	1°39'20
minimum elong	-5044 Jul 31 j 08:44	28°♊56'37	1°39'22
	-5044 Jul 31 j 23:21	0°♋	
max. Earth dist.	-5044 Aug 07 j 13:52	11°♋09'55	1.42268 AU
evening rise	-5044 Aug 14 j 08:43	22°♋08'08	
desc. node	-5044 Aug 19 j 00:01	29°♋22'51	
	-5044 Aug 19 j 09:40	0°♌	
	-5044 Sep 09 j 07:41	0°♍	
greatest brilliancy	-5044 Sep 10 j 13:01	1°♍31'59	-0.4m
evening max el	-5044 Sep 15 j 08:52	7°♍01'18	21°55'50
retrograde	-5044 Sep 24 j 12:38	12°♍27'34	
evening set	-5044 Sep 28 j 20:26	10°♍45'34	
asc. node	-5044 Oct 02 j 18:43	6°♍26'09	
inferior conj	-5044 Oct 04 j 05:08	4°♍28'48	0°29'14
minimum elong	-5044 Oct 04 j 04:27	4°♍31'08	0°29'05
min. Earth dist.	-5044 Oct 04 j 08:44	4°♍16'22	0.67302 AU
	-5044 Oct 07 j 16:12	30°℞♌	
morning rise	-5044 Oct 09 j 12:17	28°♌11'17	
direct	-5044 Oct 14 j 06:04	26°♌14'16	
	-5044 Oct 21 j 21:34	0°♍	
morning max el	-5044 Oct 24 j 04:56	2°♍10'49	22°53'36
greatest brilliancy	-5044 Oct 29 j 01:17	7°♍38'13	-0.3m
	-5044 Nov 14 j 05:37	0°♎	
desc. node	-5044 Nov 15 j 00:10	1°♎09'32	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning set	-5044 Nov 27 j 07:48	20°♎32'32	
max. Earth dist.	-5044 Dec 02 j 06:22	28°♎50'19	1.40118 AU
	-5044 Dec 02 j 22:36	0°♏	
superior conj	-5044 Dec 09 j 23:34	12°♏29'08	-1°-52'-26
minimum elong	-5044 Dec 09 j 22:53	12°♏26'04	1°52'36
	-5044 Dec 19 j 07:36	0°♐	
evening rise	-5044 Dec 19 j 16:30	0°♐42'22	
asc. node	-5044 Dec 29 j 17:23	18°♐43'37	
evening max el	-5043 Jan 04 j 21:39	26°♐43'44	18°25'50
	-5043 Jan 09 j 21:18	0°♑	
retrograde	-5043 Jan 12 j 08:48	0°♑24'18	
evening set	-5043 Jan 14 j 20:47	0°♑00'49	
	-5043 Jan 14 j 21:50	30°℞♐	
inferior conj	-5043 Jan 22 j 05:28	25°♐24'37	3°59'34
minimum elong	-5043 Jan 22 j 07:19	25°♐20'51	3°59'08
min. Earth dist.	-5043 Jan 25 j 14:08	22°♐41'14	0.59109 AU
morning rise	-5043 Jan 29 j 14:33	19°♐59'48	
direct	-5043 Feb 04 j 22:34	18°♐15'29	
desc. node	-5043 Feb 10 j 23:56	19°♐45'40	
morning max el	-5043 Feb 19 j 04:06	25°♐48'07	26°45'57
	-5043 Feb 23 j 02:48	0°♑	
	-5043 Mar 14 j 16:35	0°♒	
morning set	-5043 Mar 21 j 00:16	12°♒34'32	
asc. node	-5043 Mar 27 j 16:47	26°♒57'25	
superior conj	-5043 Mar 28 j 02:15	27°♒49'14	0°04'07
minimum elong	-5043 Mar 28 j 02:05	27°♒48'16	0°03'55
behind sun begin	-5043 Mar 27 j 21:13	27°♒21'40	
behind sun end	-5043 Mar 28 j 06:56	28°♒14'51	
max. Earth dist.	-5043 Mar 28 j 01:26	27°♒44'42	1.32628 AU
	-5043 Mar 29 j 02:10	0°♓	
evening rise	-5043 Apr 04 j 03:29	13°♓00'30	
	-5043 Apr 12 j 20:48	0°♈	
evening max el	-5043 May 03 j 07:32	28°♈35'09	26°23'34
	-5043 May 04 j 20:33	0°♉	
desc. node	-5043 May 09 j 22:24	3°♉41'56	
retrograde	-5043 May 17 j 09:39	5°♉54'51	
evening set	-5043 May 23 j 16:40	4°♉14'49	
min. Earth dist.	-5043 May 27 j 20:32	1°♉32'42	0.59572 AU
	-5043 May 29 j 20:06	30°℞♈	
inferior conj	-5043 May 31 j 05:47	28°♈52'52	-4°-8'-39
minimum elong	-5043 May 31 j 04:21	28°♈55'42	4°08'29
morning rise	-5043 Jun 07 j 19:45	24°♈18'08	
direct	-5043 Jun 10 j 07:07	23°♈56'09	
morning max el	-5043 Jun 17 j 20:52	27°♈34'14	18°21'28
	-5043 Jun 20 j 03:01	0°♉	
asc. node	-5043 Jun 23 j 16:39	4°♉52'58	
morning set	-5043 Jul 03 j 21:56	23°♉00'54	
	-5043 Jul 07 j 14:01	0°♊	
superior conj	-5043 Jul 13 j 07:59	10°♊44'11	1°48'53
minimum elong	-5043 Jul 13 j 08:55	10°♊48'28	1°49'08
max. Earth dist.	-5043 Jul 20 j 18:19	23°♊55'53	1.40443 AU
	-5043 Jul 24 j 08:19	0°♋	
evening rise	-5043 Jul 25 j 12:26	1°♋56'38	
desc. node	-5043 Aug 05 j 21:02	19°♋52'26	
	-5043 Aug 12 j 18:39	0°♌	
greatest brilliancy	-5043 Aug 23 j 01:03	13°♌44'54	-0.2m
evening max el	-5043 Aug 28 j 23:03	20°♌25'59	23°15'50
retrograde	-5043 Sep 08 j 05:53	26°♌31'37	
evening set	-5043 Sep 13 j 03:43	24°♌29'43	
inferior conj	-5043 Sep 18 j 11:41	18°♌09'48	0°-23'-54
minimum elong	-5043 Sep 18 j 12:14	18°♌07'54	0°23'30
min. Earth dist.	-5043 Sep 18 j 05:06	18°♌32'24	0.67370 AU
asc. node	-5043 Sep 19 j 15:50	16°♌33'53	
morning rise	-5043 Sep 23 j 20:47	11°♌55'28	
direct	-5043 Sep 28 j 00:37	10°♌19'23	
morning max el	-5043 Oct 06 j 20:07	15°♌32'53	21°30'50
greatest brilliancy	-5043 Oct 12 j 00:38	21°♌32'30	-0.4m
	-5043 Oct 18 j 07:55	0°♍	
desc. node	-5043 Nov 01 j 21:01	21°♍31'26	
morning set	-5043 Nov 06 j 23:22	29°♍28'18	
	-5043 Nov 07 j 07:24	0°♎	
max. Earth dist.	-5043 Nov 14 j 08:13	11°♎20'52	1.42054 AU
superior conj	-5043 Nov 21 j 17:02	23°♎46'29	-1°-43'-21
minimum elong	-5043 Nov 21 j 12:59	23°♎28'58	1°43'12
	-5043 Nov 25 j 06:30	0°♏	
evening rise	-5043 Dec 02 j 19:04	13°♏32'56	
	-5043 Dec 12 j 02:39	0°♐	
asc. node	-5043 Dec 16 j 14:29	6°♐38'13	
evening max el	-5043 Dec 19 j 07:09	9°♐43'47	18°09'06
retrograde	-5043 Dec 26 j 02:49	13°♐13'20	
evening set	-5043 Dec 28 j 17:07	12°♐43'23	
inferior conj	-5042 Jan 04 j 12:51	7°♐45'20	4°05'07
minimum elong	-5042 Jan 04 j 11:56	7°♐47'28	4°04'50
min. Earth dist.	-5042 Jan 07 j 15:13	4°♐51'39	0.61099 AU
morning rise	-5042 Jan 11 j 04:14	2°♐03'13	
	-5042 Jan 15 j 17:09	30°℞♏	
direct	-5042 Jan 18 j 02:52	29°♏43'22	
	-5042 Jan 20 j 13:59	0°♐	
desc. node	-5042 Jan 28 j 20:59	4°♐25'30	
morning max el	-5042 Feb 01 j 04:37	7°♐23'14	27°31'01
	-5042 Feb 18 j 09:55	0°♑	
morning set	-5042 Mar 05 j 07:30	27°♑20'24	
	-5042 Mar 06 j 14:17	0°♒	
max. Earth dist.	-5042 Mar 11 j 14:02	10°♒39'57	1.32696 AU
superior conj	-5042 Mar 12 j 13:35	12°♒48'06	0°-20'-40
minimum elong	-5042 Mar 12 j 14:30	12°♒53'08	0°20'42
asc. node	-5042 Mar 14 j 13:45	17°♒10'50	
evening rise	-5042 Mar 19 j 14:09	27°♒58'09	
	-5042 Mar 20 j 13:29	0°♓	
	-5042 Apr 06 j 18:19	0°♈	
evening max el	-5042 Apr 15 j 02:40	9°♈46'17	25°09'02
desc. node	-5042 Apr 26 j 19:36	16°♈42'35	
retrograde	-5042 Apr 29 j 04:09	16°♈55'38	
evening set	-5042 May 04 j 08:06	15°♈53'44	
min. Earth dist.	-5042 May 09 j 15:10	13°♈01'10	0.57620 AU
inferior conj	-5042 May 12 j 16:57	10°♈55'21	-3°-37'-52
minimum elong	-5042 May 12 j 12:23	11°♈03'13	3°37'04
morning rise	-5042 May 20 j 20:54	6°♈40'52	
direct	-5042 May 23 j 07:17	6°♈23'10	
morning max el	-5042 Jun 01 j 00:31	10°♈28'06	19°02'32
asc. node	-5042 Jun 10 j 13:36	23°♈34'49	
	-5042 Jun 14 j 02:11	0°♉	
morning set	-5042 Jun 17 j 17:23	7°♉02'11	
superior conj	-5042 Jun 26 j 06:09	23°♉46'55	1°47'33
minimum elong	-5042 Jun 26 j 04:55	23°♉40'59	1°47'43
	-5042 Jun 29 j 12:53	0°♊	
max. Earth dist.	-5042 Jul 02 j 19:28	6°♊01'03	1.38505 AU
evening rise	-5042 Jul 06 j 18:44	13°♊03'08	
	-5042 Jul 17 j 01:22	0°♋	
desc. node	-5042 Jul 23 j 18:06	10°♋08'24	
	-5042 Aug 07 j 18:56	0°♌	
evening max el	-5042 Aug 11 j 10:10	3°♌53'05	24°36'09
retrograde	-5042 Aug 22 j 19:24	10°♌33'09	
evening set	-5042 Aug 28 j 08:16	8°♌11'56	
min. Earth dist.	-5042 Sep 02 j 00:06	2°♌49'40	0.67139 AU
inferior conj	-5042 Sep 02 j 17:13	1°♌52'20	-1°-16'-26
minimum elong	-5042 Sep 02 j 18:58	1°♌46'30	1°15'30
	-5042 Sep 04 j 03:17	30°℞♋	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5042 Sep 06 j 12:56	27°♋12'43	
morning rise	-5042 Sep 08 j 05:57	25°♋44'35	
direct	-5042 Sep 11 j 21:48	24°♋27'20	
morning max el	-5042 Sep 19 j 18:00	29°♋02'08	20°17'33
	-5042 Sep 20 j 15:53	0°♌	
greatest brilliancy	-5042 Sep 26 j 14:12	7°♌23'11	-0.6m
	-5042 Oct 11 j 22:34	0°♍	
morning set	-5042 Oct 16 j 22:40	7°♍42'33	
desc. node	-5042 Oct 19 j 17:52	12°♍03'58	
max. Earth dist.	-5042 Oct 27 j 17:21	24°♍41'09	1.43599 AU
	-5042 Oct 31 j 00:19	0°♎	
superior conj	-5042 Nov 02 j 07:50	3°♎46'51	-1°-18'-48
minimum elong	-5042 Nov 02 j 01:17	3°♎19'58	1°18'09
evening rise	-5042 Nov 15 j 05:01	25°♎35'16	
	-5042 Nov 17 j 18:03	0°♏	
evening max el	-5042 Dec 02 j 19:34	22°♏58'08	18°11'45
asc. node	-5042 Dec 03 j 11:36	23°♏37'00	
retrograde	-5042 Dec 09 j 09:06	26°♏28'36	
evening set	-5042 Dec 12 j 02:33	25°♏50'52	
inferior conj	-5042 Dec 18 j 11:39	20°♏31'53	3°48'49
minimum elong	-5042 Dec 18 j 09:02	20°♏38'50	3°48'14
min. Earth dist.	-5042 Dec 21 j 01:11	17°♏49'19	0.62951 AU
morning rise	-5042 Dec 24 j 13:44	14°♏37'06	
direct	-5042 Dec 31 j 15:31	11°♏54'40	
morning max el	-5041 Jan 14 j 10:31	19°♏36'48	27°40'20
desc. node	-5041 Jan 15 j 17:58	20°♏56'26	
	-5041 Jan 23 j 09:10	0°♐	
	-5041 Feb 11 j 06:50	0°♑	
morning set	-5041 Feb 17 j 09:03	11°♑45'42	
max. Earth dist.	-5041 Feb 22 j 22:10	23°♑16'23	1.33125 AU
superior conj	-5041 Feb 24 j 22:53	27°♑37'27	0°-45'00
minimum elong	-5041 Feb 25 j 00:49	27°♑47'53	0°44'53
	-5041 Feb 26 j 01:18	0°♒	
asc. node	-5041 Mar 01 j 10:44	7°♒19'37	
evening rise	-5041 Mar 04 j 01:45	12°♒54'51	
	-5041 Mar 12 j 19:51	0°♓	
evening max el	-5041 Mar 27 j 19:01	20°♓34'06	23°38'09
retrograde	-5041 Apr 10 j 09:57	27°♓19'32	
desc. node	-5041 Apr 13 j 16:47	26°♓55'42	
evening set	-5041 Apr 14 j 06:43	26°♓46'43	
min. Earth dist.	-5041 Apr 21 j 06:38	23°♓31'44	0.56085 AU
inferior conj	-5041 Apr 23 j 08:16	22°♓17'02	-2°-28'-58
minimum elong	-5041 Apr 23 j 02:49	22°♓25'17	2°27'30
morning rise	-5041 May 02 j 02:22	18°♓16'30	
direct	-5041 May 04 j 13:03	18°♓01'22	
morning max el	-5041 May 14 j 18:59	22°♓47'39	20°03'52
	-5041 May 20 j 20:21	0°♈	
asc. node	-5041 May 28 j 10:35	12°♈49'02	
morning set	-5041 Jun 01 j 20:27	21°♈29'59	
	-5041 Jun 06 j 00:34	0°♉	
superior conj	-5041 Jun 09 j 18:17	7°♉34'16	1°38'11
minimum elong	-5041 Jun 09 j 15:52	7°♉22'10	1°38'08
max. Earth dist.	-5041 Jun 14 j 23:38	17°♉48'02	1.36695 AU
evening rise	-5041 Jun 19 j 00:54	25°♉22'01	
	-5041 Jun 21 j 14:47	0°♊	
desc. node	-5041 Jul 10 j 15:12	0°♋04'37	
	-5041 Jul 10 j 13:53	0°♋	
evening max el	-5041 Jul 24 j 20:49	17°♋23'22	25°48'48
retrograde	-5041 Aug 06 j 04:21	24°♋28'13	
evening set	-5041 Aug 12 j 08:12	21°♋50'57	
min. Earth dist.	-5041 Aug 16 j 15:19	17°♋06'35	0.66587 AU
inferior conj	-5041 Aug 17 j 20:01	15°♋34'57	-2°-6'-35
minimum elong	-5041 Aug 17 j 22:47	15°♋26'06	2°05'20
morning rise	-5041 Aug 23 j 13:58	9°♋37'10	
asc. node	-5041 Aug 24 j 10:02	9°♋09'43	
direct	-5041 Aug 26 j 20:03	8°♋35'54	
morning max el	-5041 Sep 02 j 22:56	12°♋39'38	19°17'42
	-5041 Sep 15 j 16:14	0°♌	
morning set	-5041 Sep 26 j 04:36	16°♌22'01	
	-5041 Oct 04 j 21:10	0°♍	
desc. node	-5041 Oct 06 j 14:46	2°♍43'34	
max. Earth dist.	-5041 Oct 10 j 08:38	8°♍38'02	1.44545 AU
superior conj	-5041 Oct 12 j 20:21	12°♍34'38	0°-38'-33
minimum elong	-5041 Oct 12 j 15:39	12°♍15'59	0°37'52
	-5041 Oct 23 j 16:05	0°♎	
evening rise	-5041 Oct 27 j 17:37	6°♎40'15	
	-5041 Nov 11 j 06:47	0°♏	
evening max el	-5041 Nov 16 j 08:08	6°♏20'49	18°32'51
asc. node	-5041 Nov 20 j 08:44	9°♏25'16	
retrograde	-5041 Nov 22 j 23:37	10°♏02'27	
evening set	-5041 Nov 25 j 21:39	9°♏15'11	
inferior conj	-5041 Dec 01 j 22:15	3°♏37'37	3°17'54
minimum elong	-5041 Dec 01 j 19:00	3°♏47'09	3°17'00
min. Earth dist.	-5041 Dec 03 j 21:09	1°♏20'34	0.64508 AU
	-5041 Dec 05 j 02:04	30°℞♎	
morning rise	-5041 Dec 07 j 15:05	27°♎32'58	
direct	-5041 Dec 14 j 10:56	24°♎43'20	
	-5041 Dec 25 j 06:37	0°♏	
morning max el	-5041 Dec 27 j 19:35	2°♏21'44	27°15'12
desc. node	-5040 Jan 02 j 14:57	8°♏47'05	
	-5040 Jan 17 j 14:36	0°♐	
morning set	-5040 Feb 01 j 02:01	25°♐40'42	
	-5040 Feb 03 j 06:30	0°♑	
max. Earth dist.	-5040 Feb 05 j 22:07	5°♑22'55	1.33962 AU
superior conj	-5040 Feb 09 j 04:16	12°♑10'31	-1°-7'-51
minimum elong	-5040 Feb 09 j 06:58	12°♑24'45	1°07'42
asc. node	-5040 Feb 16 j 07:46	27°♑19'04	
evening rise	-5040 Feb 16 j 12:33	27°♑44'01	
	-5040 Feb 17 j 14:46	0°♒	
	-5040 Mar 07 j 04:55	0°♓	
evening max el	-5040 Mar 08 j 13:59	1°♓22'36	22°04'40
retrograde	-5040 Mar 21 j 03:52	7°♓27'40	
evening set	-5040 Mar 24 j 00:36	7°♓09'31	
desc. node	-5040 Mar 30 j 13:58	4°♓34'51	
inferior conj	-5040 Apr 02 j 08:01	3°♓03'24	0°-45'-10
minimum elong	-5040 Apr 02 j 05:57	3°♓06'20	0°44'38
min. Earth dist.	-5040 Apr 01 j 20:47	3°♓19'16	0.55279 AU
	-5040 Apr 08 j 09:34	30°℞♒	
morning rise	-5040 Apr 11 j 12:32	29°♒04'08	
direct	-5040 Apr 14 j 04:38	28°♒48'03	
	-5040 Apr 19 j 16:37	0°♓	
morning max el	-5040 Apr 26 j 02:38	4°♓25'55	21°24'08
	-5040 May 13 j 02:08	0°♈	
asc. node	-5040 May 14 j 07:34	2°♈26'45	
morning set	-5040 May 16 j 04:35	6°♈16'13	
superior conj	-5040 May 23 j 16:13	21°♈53'23	1°23'04
minimum elong	-5040 May 23 j 13:28	21°♈39'09	1°22'47
max. Earth dist.	-5040 May 27 j 11:55	29°♈41'33	1.35172 AU
	-5040 May 27 j 15:36	0°♉	
evening rise	-5040 Jun 01 j 01:25	8°♉37'20	
	-5040 Jun 13 j 04:45	0°♊	
desc. node	-5040 Jun 26 j 12:20	19°♊31'45	
	-5040 Jul 05 j 11:27	0°♋	
evening max el	-5040 Jul 06 j 07:57	0°♋50'47	26°45'39
retrograde	-5040 Jul 19 j 08:22	8°♋10'08	
evening set	-5040 Jul 26 j 01:12	5°♋23'32	
min. Earth dist.	-5040 Jul 30 j 00:19	1°♋18'22	0.65672 AU
	-5040 Jul 31 j 02:41	30°℞♊	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

inferior conj	-5040 Jul	31 j 18:03	29°♊14'01	-2°-52'-28
minimum elong	-5040 Jul	31 j 21:29	29°♊03'46	2°51'11
morning rise	-5040 Aug	06 j 18:48	23°♊29'36	
direct	-5040 Aug	09 j 17:22	22°♊41'15	
asc. node	-5040 Aug	10 j 07:08	22°♊43'05	
morning max el	-5040 Aug	16 j 09:31	26°♊22'47	18°33'31
	-5040 Aug	19 j 12:12	0°♋	
morning set	-5040 Sep	05 j 09:59	26°♋11'00	
	-5040 Sep	07 j 18:36	0°♌	
superior conj	-5040 Sep	20 j 19:42	20°♌48'51	0°10'29
minimum elong	-5040 Sep	20 j 21:05	20°♌54'19	0°10'30
behind sun begin	-5040 Sep	20 j 12:17	20°♌19'35	
behind sun end	-5040 Sep	21 j 05:52	21°♌29'01	
max. Earth dist.	-5040 Sep	22 j 02:44	22°♌51'18	1.44777 AU
desc. node	-5040 Sep	22 j 11:43	23°♌26'43	
	-5040 Sep	26 j 15:34	0°♍	
evening rise	-5040 Oct	07 j 05:13	16°♍40'12	
	-5040 Oct	15 j 15:50	0°♎	
evening max el	-5040 Oct	29 j 18:15	19°♎47'02	19°11'16
retrograde	-5040 Nov	05 j 18:52	23°♎48'52	
asc. node	-5040 Nov	06 j 05:53	23°♎47'39	
evening set	-5040 Nov	08 j 23:25	22°♎49'49	
inferior conj	-5040 Nov	14 j 17:23	16°♎56'53	2°37'21
minimum elong	-5040 Nov	14 j 14:19	17°♎06'35	2°36'19
min. Earth dist.	-5040 Nov	16 j 02:26	15°♎12'33	0.65710 AU
morning rise	-5040 Nov	20 j 04:20	10°♎44'50	
direct	-5040 Nov	26 j 12:32	8°♎00'55	
morning max el	-5040 Dec	09 j 05:27	15°♎26'27	26°21'30
desc. node	-5040 Dec	19 j 11:55	27°♎33'58	
	-5040 Dec	21 j 07:08	0°♏	
	-5039 Jan	09 j 09:19	0°♐	
morning set	-5039 Jan	14 j 06:36	8°♐53'50	
max. Earth dist.	-5039 Jan	18 j 11:02	16°♐55'42	1.35236 AU
superior conj	-5039 Jan	23 j 03:28	26°♐20'12	-1°-27'-53
minimum elong	-5039 Jan	23 j 06:27	26°♐35'29	1°27'49
	-5039 Jan	24 j 22:10	0°♑	
evening rise	-5039 Jan	30 j 20:44	12°♑19'36	
asc. node	-5039 Feb	02 j 04:49	17°♑04'22	
	-5039 Feb	09 j 04:14	0°♒	
evening max el	-5039 Feb	18 j 17:04	12°♒35'40	20°40'31
retrograde	-5039 Mar	01 j 17:57	17°♒50'09	
evening set	-5039 Mar	04 j 03:43	17°♒36'11	
inferior conj	-5039 Mar	13 j 04:00	13°♒38'09	1°09'55
minimum elong	-5039 Mar	13 j 07:02	13°♒33'44	1°08'42
min. Earth dist.	-5039 Mar	14 j 10:55	12°♒53'19	0.55383 AU
desc. node	-5039 Mar	17 j 11:07	11°♒14'40	
morning rise	-5039 Mar	22 j 08:42	9°♒21'59	
direct	-5039 Mar	25 j 17:23	8°♒57'23	
morning max el	-5039 Apr	08 j 00:20	15°♒26'10	22°58'27
	-5039 Apr	19 j 08:05	0°♓	
morning set	-5039 Apr	30 j 15:43	21°♓14'13	
asc. node	-5039 May	01 j 04:34	22°♓21'25	
	-5039 May	04 j 18:57	0°♈	
superior conj	-5039 May	07 j 20:50	6°♈34'34	1°03'53
minimum elong	-5039 May	07 j 18:23	6°♈21'30	1°03'29
max. Earth dist.	-5039 May	10 j 10:04	11°♈57'34	1.34007 AU
evening rise	-5039 May	15 j 15:14	22°♈34'37	
	-5039 May	19 j 11:50	0°♉	
	-5039 Jun	06 j 22:16	0°♊	
desc. node	-5039 Jun	13 j 09:28	8°♊17'28	
evening max el	-5039 Jun	18 j 18:55	14°♊05'39	27°19'07
retrograde	-5039 Jul	02 j 07:05	21°♊31'06	
evening set	-5039 Jul	09 j 08:23	18°♊45'57	
min. Earth dist.	-5039 Jul	13 j 01:06	15°♊17'35	0.64369 AU

inferior conj	-5039 Jul	15 j 08:56	12°♊45'34	-3°-31'-30
minimum elong	-5039 Jul	15 j 12:25	12°♊36'04	3°30'30
morning rise	-5039 Jul	21 j 18:04	7°♊17'33	
direct	-5039 Jul	24 j 11:14	6°♊39'15	
asc. node	-5039 Jul	28 j 04:15	7°♊49'47	
morning max el	-5039 Jul	30 j 23:28	10°♊07'25	18°06'19
	-5039 Aug	13 j 11:19	0°♋	
morning set	-5039 Aug	17 j 18:15	7°♋16'24	
superior conj	-5039 Aug	31 j 04:42	29°♋34'48	0°55'39
minimum elong	-5039 Aug	31 j 10:22	29°♋57'42	0°55'13
	-5039 Aug	31 j 10:56	0°♌	
max. Earth dist.	-5039 Sep	04 j 19:44	6°♌59'53	1.44287 AU
desc. node	-5039 Sep	09 j 08:38	14°♌10'08	
evening rise	-5039 Sep	16 j 17:48	25°♌40'26	
	-5039 Sep	19 j 13:02	0°♍	
greatest brilliancy	-5039 Oct	05 j 20:33	24°♍21'58	-0.6m
	-5039 Oct	10 j 03:30	0°♎	
evening max el	-5039 Oct	12 j 23:40	3°♎13'04	20°05'23
retrograde	-5039 Oct	20 j 15:58	7°♎43'00	
evening set	-5039 Oct	24 j 05:16	6°♎29'29	
asc. node	-5039 Oct	24 j 03:04	6°♎33'14	
inferior conj	-5039 Oct	29 j 18:21	0°♎24'39	1°50'25
minimum elong	-5039 Oct	29 j 15:59	0°♎32'33	1°49'32
	-5039 Oct	30 j 01:45	30°℞♍	
min. Earth dist.	-5039 Oct	30 j 15:04	29°♍15'43	0.66572 AU
morning rise	-5039 Nov	04 j 02:06	24°♍08'00	
direct	-5039 Nov	09 j 19:50	21°♍38'44	
morning max el	-5039 Nov	21 j 14:29	28°♍38'30	25°07'34
	-5039 Nov	22 j 22:00	0°♎	
desc. node	-5039 Dec	06 j 08:50	16°♎59'46	
	-5039 Dec	15 j 02:06	0°♏	
morning set	-5039 Dec	27 j 17:33	21°♏09'04	
max. Earth dist.	-5039 Dec	31 j 12:40	28°♏04'15	1.36932 AU
	-5038 Jan	01 j 13:26	0°♐	
superior conj	-5038 Jan	06 j 17:22	9°♐56'41	-1°-43'-23
minimum elong	-5038 Jan	06 j 19:52	10°♐08'57	1°43'28
evening rise	-5038 Jan	15 j 00:09	26°♐34'10	
	-5038 Jan	16 j 17:24	0°♑	
asc. node	-5038 Jan	20 j 01:52	6°♑28'58	
evening max el	-5038 Feb	01 j 06:35	24°♑23'40	19°32'51
retrograde	-5038 Feb	10 j 15:51	28°♑50'32	
evening set	-5038 Feb	13 j 00:31	28°♑34'55	
inferior conj	-5038 Feb	21 j 10:01	24°♑29'17	2°44'52
minimum elong	-5038 Feb	21 j 15:11	24°♑20'54	2°43'18
min. Earth dist.	-5038 Feb	24 j 01:38	22°♑46'59	0.56371 AU
morning rise	-5038 Mar	02 j 02:20	19°♑44'37	
desc. node	-5038 Mar	04 j 08:16	19°♑10'02	
direct	-5038 Mar	06 j 15:13	18°♑57'58	
morning max el	-5038 Mar	20 j 15:58	26°♑03'59	24°36'56
	-5038 Mar	24 j 09:07	0°♒	
	-5038 Apr	12 j 02:33	0°♓	
morning set	-5038 Apr	15 j 04:01	6°♓17'15	
asc. node	-5038 Apr	18 j 01:32	12°♓27'08	
superior conj	-5038 Apr	22 j 05:43	21°♓29'24	0°41'56
minimum elong	-5038 Apr	22 j 03:57	21°♓19'54	0°41'33
max. Earth dist.	-5038 Apr	23 j 16:37	24°♓37'45	1.33203 AU
	-5038 Apr	26 j 05:05	0°♈	
evening rise	-5038 Apr	29 j 14:23	7°♈01'08	
	-5038 May	12 j 00:39	0°♉	
desc. node	-5038 May	31 j 06:38	26°♉04'25	
evening max el	-5038 Jun	01 j 03:57	26°♉56'39	27°23'13
	-5038 Jun	04 j 16:08	0°♊	
retrograde	-5038 Jun	14 j 23:53	4°♊22'11	
evening set	-5038 Jun	22 j 02:16	1°♊52'24	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5038 Jun 24 j 11:03	30°℞♉		
min. Earth dist.	-5038 Jun 25 j 16:28	28°♉53'02	0.62695 AU	
inferior conj	-5038 Jun 28 j 13:52	26°♉03'58	-3°-59'-58	
minimum elong	-5038 Jun 28 j 16:25	25°♉57'43	3°59'27	
morning rise	-5038 Jul 05 j 08:53	20°♉55'02		
direct	-5038 Jul 07 j 22:41	20°♉24'19		
morning max el	-5038 Jul 14 j 14:09	23°♉48'09	17°57'08	
asc. node	-5038 Jul 15 j 01:19	24°♉16'22		
	-5038 Jul 19 j 13:19	0°♊		
morning set	-5038 Jul 31 j 01:34	19°♊28'16		
	-5038 Aug 06 j 00:42	0°♋		
superior conj	-5038 Aug 11 j 14:57	9°♋36'32	1°27'42	
minimum elong	-5038 Aug 11 j 20:15	9°♋58'51	1°27'31	
max. Earth dist.	-5038 Aug 18 j 08:57	20°♋47'13	1.43154 AU	
	-5038 Aug 24 j 03:11	0°♌		
evening rise	-5038 Aug 26 j 21:06	4°♌18'14		
desc. node	-5038 Aug 27 j 05:35	4°♌51'14		
	-5038 Sep 13 j 00:02	0°♍		
greatest brilliancy	-5038 Sep 20 j 14:42	10°♍24'15	-0.5m	
evening max el	-5038 Sep 25 j 23:07	16°♍38'29	21°12'41	
retrograde	-5038 Oct 04 j 12:42	21°♍42'51		
evening set	-5038 Oct 08 j 13:06	20°♍12'04		
asc. node	-5038 Oct 11 j 00:14	17°♍48'16		
inferior conj	-5038 Oct 13 j 22:57	13°♍58'52	0°59'33	
minimum elong	-5038 Oct 13 j 21:36	14°♍03'29	0°59'05	
min. Earth dist.	-5038 Oct 14 j 08:38	13°♍25'40	0.67122 AU	
morning rise	-5038 Oct 19 j 05:44	7°♍40'40		
direct	-5038 Oct 24 j 08:13	5°♍31'06		
morning max el	-5038 Nov 03 j 23:29	11°♍52'38	23°43'07	
	-5038 Nov 18 j 11:14	0°♎		
desc. node	-5038 Nov 23 j 05:44	6°♎53'20		
	-5038 Dec 07 j 21:53	0°♏		
morning set	-5038 Dec 09 j 04:48	2°♏10'19		
max. Earth dist.	-5038 Dec 13 j 08:30	9°♏21'03	1.38929 AU	
superior conj	-5038 Dec 20 j 18:08	22°♏49'35	-1°-51'-54	
minimum elong	-5038 Dec 20 j 18:59	22°♏53'38	1°52'06	
	-5038 Dec 24 j 12:31	0°♐		
evening rise	-5038 Dec 29 j 20:23	10°♐21'27		
asc. node	-5037 Jan 06 j 22:56	25°♐25'47		
	-5037 Jan 09 j 19:21	0°♑		
evening max el	-5037 Jan 15 j 05:48	6°♑45'17	18°44'34	
retrograde	-5037 Jan 23 j 06:26	10°♑37'55		
evening set	-5037 Jan 25 j 17:19	10°♑17'36		
inferior conj	-5037 Feb 02 j 10:36	5°♑54'01	3°42'51	
minimum elong	-5037 Feb 02 j 14:09	5°♑47'22	3°42'04	
min. Earth dist.	-5037 Feb 05 j 17:53	3°♑27'01	0.58010 AU	
morning rise	-5037 Feb 10 j 07:22	0°♑42'16		
	-5037 Feb 12 j 02:01	30°℞♐		
direct	-5037 Feb 16 j 02:04	29°♐20'20		
desc. node	-5037 Feb 19 j 05:22	29°♐44'20		
	-5037 Feb 20 j 03:10	0°♑		
morning max el	-5037 Mar 02 j 07:34	6°♑46'08	26°05'21	
	-5037 Mar 19 j 11:53	0°♒		
morning set	-5037 Mar 30 j 15:46	21°♒19'01		
	-5037 Apr 03 j 17:13	0°♓		
asc. node	-5037 Apr 04 j 22:27	2°♓39'09		
superior conj	-5037 Apr 06 j 16:51	6°♓30'43	0°18'14	
minimum elong	-5037 Apr 06 j 16:03	6°♓26'23	0°17'56	
max. Earth dist.	-5037 Apr 07 j 04:34	7°♓34'42	1.32746 AU	
evening rise	-5037 Apr 13 j 19:50	21°♓46'31		
	-5037 Apr 17 j 22:00	0°♈		
	-5037 May 06 j 06:52	0°♉		
evening max el	-5037 May 14 j 08:41	9°♉11'56	26°54'34	
desc. node	-5037 May 18 j 03:50	12°♉27'14		

retrograde	-5037 May 28 j 09:16	16°♉33'50		
evening set	-5037 Jun 04 j 02:40	14°♉33'08		
min. Earth dist.	-5037 Jun 07 j 22:13	11°♉49'22	0.60748 AU	
inferior conj	-5037 Jun 11 j 05:21	9°♉00'19	-4°-12'-10	
minimum elong	-5037 Jun 11 j 05:43	8°♉59'33	4°12'02	
morning rise	-5037 Jun 18 j 11:53	4°♉12'32		
direct	-5037 Jun 20 j 23:54	3°♉47'37		
morning max el	-5037 Jun 28 j 02:45	7°♉17'10	18°06'53	
asc. node	-5037 Jul 01 j 22:19	11°♉46'11		
	-5037 Jul 12 j 17:46	0°♊		
morning set	-5037 Jul 14 j 02:28	2°♊31'44		
superior conj	-5037 Jul 24 j 04:23	20°♊59'05	1°44'55	
minimum elong	-5037 Jul 24 j 06:57	21°♊10'29	1°45'04	
	-5037 Jul 29 j 08:27	0°♋		
max. Earth dist.	-5037 Jul 31 j 17:01	3°♋59'35	1.41527 AU	
evening rise	-5037 Aug 06 j 11:38	13°♋28'58		
desc. node	-5037 Aug 14 j 02:35	25°♋26'11		
	-5037 Aug 17 j 02:54	0°♌		
greatest brilliancy	-5037 Sep 03 j 22:42	24°♌43'51	-0.3m	
evening max el	-5037 Sep 08 j 16:25	0°♍03'07	22°29'27	
	-5037 Sep 08 j 15:11	0°♍		
retrograde	-5037 Sep 18 j 07:27	5°♍45'44		
evening set	-5037 Sep 22 j 21:03	3°♍55'28		
	-5037 Sep 26 j 11:12	30°℞♌		
asc. node	-5037 Sep 27 j 21:23	28°♌04'23		
inferior conj	-5037 Sep 28 j 05:16	27°♌37'12	0°06'43	
minimum elong	-5037 Sep 28 j 05:06	27°♌37'46	0°06'48	
transit middle	-5037 Sep 28 j 05:06	27°♌37'46	0°06'48	
transit begin	-5037 Sep 28 j 02:39	27°♌46'14		
transit end	-5037 Sep 28 j 07:33	27°♌29'17		
min. Earth dist.	-5037 Sep 28 j 04:35	27°♌39'31	0.67372 AU	
morning rise	-5037 Oct 03 j 13:01	21°♌20'42		
direct	-5037 Oct 08 j 00:48	19°♌32'31		
morning max el	-5037 Oct 17 j 11:25	25°♌10'02	22°17'29	
	-5037 Oct 21 j 18:38	0°♍		
greatest brilliancy	-5037 Oct 22 j 05:26	0°♍32'57	-0.3m	
desc. node	-5037 Nov 10 j 02:37	27°♍06'24		
	-5037 Nov 12 j 00:00	0°♎		
morning set	-5037 Nov 19 j 11:42	11°♎47'53		
max. Earth dist.	-5037 Nov 25 j 06:52	21°♎21'10	1.40975 AU	
	-5037 Nov 30 j 07:56	0°♏		
superior conj	-5037 Dec 03 j 00:40	4°♏45'37	-1°-50'-17	
minimum elong	-5037 Dec 02 j 22:37	4°♏36'30	1°50'23	
evening rise	-5037 Dec 13 j 06:23	23°♏34'33		
	-5037 Dec 16 j 17:18	0°♐		
asc. node	-5037 Dec 24 j 20:01	13°♐45'59		
evening max el	-5037 Dec 29 j 12:21	19°♐33'22	18°16'22	
retrograde	-5036 Jan 05 j 15:27	23°♐07'24		
evening set	-5036 Jan 08 j 04:32	22°♐41'07		
inferior conj	-5036 Jan 15 j 07:22	17°♐55'28	4°05'09	
minimum elong	-5036 Jan 15 j 07:57	17°♐54'12	4°04'52	
min. Earth dist.	-5036 Jan 18 j 14:28	15°♐05'05	0.59957 AU	
morning rise	-5036 Jan 22 j 08:28	12°♐22'57		
direct	-5036 Jan 29 j 00:20	10°♐22'33		
desc. node	-5036 Feb 06 j 02:26	13°♐03'14		
morning max el	-5036 Feb 12 j 04:17	17°♐58'01	27°09'26	
	-5036 Feb 22 j 06:29	0°♑		
	-5036 Mar 10 j 23:46	0°♒		
morning set	-5036 Mar 14 j 01:15	6°♒13'16		
superior conj	-5036 Mar 21 j 04:36	21°♒32'38	0°-6'-23	
minimum elong	-5036 Mar 21 j 04:53	21°♒34'14	0°06'32	
behind sun begin	-5036 Mar 21 j 00:18	21°♒09'07		
behind sun end	-5036 Mar 21 j 09:29	21°♒59'20		
max. Earth dist.	-5036 Mar 20 j 18:15	20°♒36'05	1.32618 AU	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5036 Mar 21 j 19:23	22°♒53'32	
	-5036 Mar 25 j 01:41	0°♓	
evening rise	-5036 Mar 28 j 05:12	6°♓42'29	
	-5036 Apr 09 j 13:42	0°♈	
evening max el	-5036 Apr 25 j 07:17	20°♈45'51	25°54'43
desc. node	-5036 May 04 j 01:00	26°♈53'12	
retrograde	-5036 May 09 j 09:29	28°♈01'21	
evening set	-5036 May 15 j 06:18	26°♈37'54	
min. Earth dist.	-5036 May 19 j 19:53	23°♈53'15	0.58723 AU
inferior conj	-5036 May 23 j 03:48	21°♈25'34	-3°-59'-54
minimum elong	-5036 May 23 j 00:57	21°♈30'53	3°59'32
morning rise	-5036 May 30 j 23:31	16°♈59'39	
direct	-5036 Jun 02 j 10:38	16°♈39'28	
morning max el	-5036 Jun 10 j 10:30	20°♈26'52	18°36'23
asc. node	-5036 Jun 17 j 19:17	0°♉05'31	
	-5036 Jun 17 j 17:56	0°♉	
morning set	-5036 Jun 26 j 16:16	16°♉15'14	
	-5036 Jul 03 j 19:38	0°♊	
superior conj	-5036 Jul 05 j 16:20	3°♊30'31	1°49'28
minimum elong	-5036 Jul 05 j 16:14	3°♊30'02	1°49'42
max. Earth dist.	-5036 Jul 12 j 20:07	16°♊29'20	1.39628 AU
evening rise	-5036 Jul 17 j 02:41	23°♊50'34	
	-5036 Jul 20 j 19:47	0°♋	
desc. node	-5036 Jul 30 j 23:36	15°♋50'44	
	-5036 Aug 09 j 22:58	0°♌	
evening max el	-5036 Aug 21 j 05:03	13°♌28'46	23°50'19
retrograde	-5036 Aug 31 j 23:05	19°♌49'18	
evening set	-5036 Sep 06 j 03:23	17°♌38'47	
inferior conj	-5036 Sep 11 j 11:35	11°♌18'46	0°-46'-23
minimum elong	-5036 Sep 11 j 12:39	11°♌15'08	0°45'44
min. Earth dist.	-5036 Sep 11 j 00:34	11°♌56'16	0.67319 AU
asc. node	-5036 Sep 13 j 18:31	8°♌18'00	
morning rise	-5036 Sep 16 j 22:03	5°♌07'05	
direct	-5036 Sep 20 j 20:35	3°♌39'21	
morning max el	-5036 Sep 29 j 05:21	8°♌35'00	20°58'12
greatest brilliancy	-5036 Oct 04 j 23:18	15°♌21'30	-0.5m
	-5036 Oct 15 j 09:16	0°♍	
desc. node	-5036 Oct 26 j 23:29	17°♍33'21	
morning set	-5036 Oct 28 j 18:01	20°♍18'43	
	-5036 Nov 03 j 20:59	0°♎	
max. Earth dist.	-5036 Nov 06 j 12:23	4°♎15'58	1.42776 AU
superior conj	-5036 Nov 13 j 07:13	15°♎30'41	-1°-34'-56
minimum elong	-5036 Nov 13 j 01:48	15°♎07'47	1°34'35
	-5036 Nov 21 j 16:09	0°♏	
evening rise	-5036 Nov 25 j 02:27	6°♏05'40	
	-5036 Dec 09 j 15:12	0°♐	
asc. node	-5036 Dec 10 j 17:08	1°♐18'17	
evening max el	-5036 Dec 11 j 23:22	2°♐39'40	18°07'54
retrograde	-5036 Dec 18 j 15:24	6°♐08'33	
evening set	-5036 Dec 21 j 06:53	5°♐35'26	
inferior conj	-5036 Dec 27 j 21:46	0°♐27'55	4°00'25
minimum elong	-5036 Dec 27 j 19:59	0°♐32'20	4°00'02
	-5036 Dec 28 j 08:58	30°℞♏	
min. Earth dist.	-5036 Dec 30 j 18:59	27°♏36'57	0.61907 AU
morning rise	-5035 Jan 03 j 06:55	24°♏39'55	
direct	-5035 Jan 10 j 07:59	22°♏08'58	
desc. node	-5035 Jan 22 j 23:28	28°♏34'28	
	-5035 Jan 24 j 11:28	0°♐	
morning max el	-5035 Jan 24 j 07:27	29°♏50'09	27°39'39
	-5035 Feb 15 j 04:24	0°♑	
morning set	-5035 Feb 26 j 06:23	20°♑51'28	
	-5035 Mar 02 j 15:19	0°♒	
max. Earth dist.	-5035 Mar 04 j 05:38	3°♒25'48	1.32829 AU
superior conj	-5035 Mar 05 j 15:15	6°♒27'55	0°-31'-5
minimum elong	-5035 Mar 05 j 16:38	6°♒35'22	0°31'03
asc. node	-5035 Mar 08 j 16:21	13°♒05'18	
evening rise	-5035 Mar 12 j 16:28	21°♒40'26	
	-5035 Mar 16 j 18:14	0°♓	
	-5035 Apr 05 j 07:12	0°♈	
evening max el	-5035 Apr 07 j 00:28	1°♈43'42	24°31'33
retrograde	-5035 Apr 20 j 22:44	8°♈45'14	
desc. node	-5035 Apr 20 j 22:11	8°♈45'14	
evening set	-5035 Apr 25 j 13:37	7°♈57'01	
min. Earth dist.	-5035 May 01 j 12:31	4°♈56'29	0.56901 AU
inferior conj	-5035 May 04 j 06:23	3°♈10'34	-3°-13'-32
minimum elong	-5035 May 04 j 00:59	3°♈19'18	3°12'22
	-5035 May 09 j 20:33	30°℞♓	
morning rise	-5035 May 12 j 16:32	29°♓03'33	
direct	-5035 May 15 j 02:52	28°♓47'12	
	-5035 May 20 j 01:47	0°♈	
morning max el	-5035 May 24 j 10:35	3°♈07'25	19°26'11
asc. node	-5035 Jun 04 j 16:16	19°♈02'11	
	-5035 Jun 10 j 09:31	0°♉	
morning set	-5035 Jun 10 j 15:19	0°♉28'51	
superior conj	-5035 Jun 18 j 21:05	16°♉54'20	1°44'25
minimum elong	-5035 Jun 18 j 19:14	16°♉45'16	1°44'30
max. Earth dist.	-5035 Jun 24 j 21:45	28°♉23'36	1.37710 AU
	-5035 Jun 25 j 18:42	0°♊	
evening rise	-5035 Jun 28 j 19:44	5°♊29'14	
	-5035 Jul 13 j 19:02	0°♋	
desc. node	-5035 Jul 17 j 20:41	5°♋59'20	
evening max el	-5035 Aug 03 j 15:34	26°♋57'02	25°08'20
	-5035 Aug 07 j 00:44	0°♌	
retrograde	-5035 Aug 15 j 10:52	3°♌49'18	
evening set	-5035 Aug 21 j 06:18	1°♌20'22	
	-5035 Aug 22 j 15:33	30°℞♋	
min. Earth dist.	-5035 Aug 25 j 18:13	26°♋14'08	0.66948 AU
inferior conj	-5035 Aug 26 j 16:13	25°♋01'46	-1°-38'-8
minimum elong	-5035 Aug 26 j 18:25	24°♋54'31	1°37'01
asc. node	-5035 Aug 31 j 15:39	19°♋26'09	
morning rise	-5035 Sep 01 j 07:00	18°♋58'06	
direct	-5035 Sep 04 j 18:20	17°♋48'14	
morning max el	-5035 Sep 12 j 06:31	22°♋08'50	19°50'17
	-5035 Sep 18 j 16:14	0°♌	
greatest brilliancy	-5035 Sep 20 j 04:47	2°♌07'21	-0.6m
morning set	-5035 Oct 07 j 17:23	28°♌36'33	
	-5035 Oct 08 j 14:53	0°♍	
desc. node	-5035 Oct 13 j 20:23	8°♍09'42	
max. Earth dist.	-5035 Oct 20 j 00:33	17°♍54'35	1.44079 AU
superior conj	-5035 Oct 24 j 10:12	24°♍58'03	-1°-3'-25
minimum elong	-5035 Oct 24 j 03:44	24°♍32'00	1°02'39
	-5035 Oct 27 j 12:31	0°♎	
evening rise	-5035 Nov 07 j 04:00	17°♎45'29	
	-5035 Nov 14 j 09:42	0°♏	
evening max el	-5035 Nov 25 j 12:09	15°♏58'08	18°18'30
asc. node	-5035 Nov 27 j 14:17	17°♏49'12	
retrograde	-5035 Dec 02 j 01:47	19°♏32'36	
evening set	-5035 Dec 04 j 20:50	18°♏51'12	
inferior conj	-5035 Dec 11 j 02:04	13°♏23'58	3°37'11
minimum elong	-5035 Dec 10 j 23:04	13°♏32'19	3°36'26
min. Earth dist.	-5035 Dec 13 j 09:26	10°♏50'42	0.63647 AU
morning rise	-5035 Dec 16 j 23:43	7°♏24'21	
direct	-5035 Dec 23 j 23:44	4°♏37'00	
morning max el	-5034 Jan 06 j 15:17	12°♏19'22	27°33'39
desc. node	-5034 Jan 09 j 20:29	15°♏42'54	
	-5034 Jan 20 j 20:14	0°♐	
	-5034 Feb 07 j 14:14	0°♑	
morning set	-5034 Feb 10 j 04:42	5°♑05'10	
max. Earth dist.	-5034 Feb 15 j 10:41	15°♑50'14	1.33423 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5034 Feb 17 j 23:08	21°♌10'49	0°-54'-56
minimum elong	-5034 Feb 18 j 01:26	21°♌23'07	0°54'48
	-5034 Feb 22 j 01:44	0°♒	
asc. node	-5034 Feb 23 j 13:21	3°♒10'21	
evening rise	-5034 Feb 25 j 03:55	6°♒34'09	
	-5034 Mar 09 j 18:56	0°♓	
evening max el	-5034 Mar 19 j 16:59	12°♓27'34	22°57'55
retrograde	-5034 Apr 01 j 23:35	18°♓58'32	
evening set	-5034 Apr 05 j 08:24	18°♓33'42	
desc. node	-5034 Apr 07 j 19:22	17°♓46'38	
min. Earth dist.	-5034 Apr 13 j 03:22	15°♓05'20	0.55633 AU
inferior conj	-5034 Apr 14 j 14:02	14°♓14'57	-1°-48'-16
minimum elong	-5034 Apr 14 j 09:31	14°♓21'32	1°46'59
morning rise	-5034 Apr 23 j 13:24	10°♓17'01	
direct	-5034 Apr 26 j 01:06	10°♓02'15	
morning max el	-5034 May 07 j 00:38	15°♓09'59	20°35'55
	-5034 May 17 j 23:41	0°♈	
asc. node	-5034 May 22 j 13:14	8°♈26'56	
morning set	-5034 May 25 j 20:47	15°♈04'54	
	-5034 Jun 02 j 02:43	0°♉	
superior conj	-5034 Jun 02 j 13:48	0°♉56'30	1°32'22
minimum elong	-5034 Jun 02 j 11:10	0°♉43'03	1°32'13
max. Earth dist.	-5034 Jun 07 j 04:28	10°♉08'33	1.36003 AU
evening rise	-5034 Jun 11 j 10:20	18°♉13'58	
	-5034 Jun 18 j 00:28	0°♊	
desc. node	-5034 Jul 04 j 17:47	25°♊44'30	
	-5034 Jul 07 j 23:04	0°♋	
evening max el	-5034 Jul 17 j 02:15	10°♋26'37	26°15'24
retrograde	-5034 Jul 29 j 18:00	17°♋39'42	
evening set	-5034 Aug 05 j 03:37	14°♋57'22	
min. Earth dist.	-5034 Aug 09 j 07:10	10°♋29'34	0.66240 AU
inferior conj	-5034 Aug 10 j 17:16	8°♋43'29	-2°-26'-44
minimum elong	-5034 Aug 10 j 20:22	8°♋33'48	2°25'26
morning rise	-5034 Aug 16 j 13:56	2°♋50'55	
asc. node	-5034 Aug 18 j 12:47	2°♋03'15	
direct	-5034 Aug 19 j 16:25	1°♋55'40	
morning max el	-5034 Aug 26 j 14:07	5°♋49'20	18°56'49
	-5034 Sep 12 j 11:28	0°♌	
morning set	-5034 Sep 17 j 07:59	7°♌42'05	
desc. node	-5034 Sep 30 j 17:17	28°♌51'11	
	-5034 Oct 01 j 10:45	0°♍	
max. Earth dist.	-5034 Oct 02 j 16:51	1°♍58'41	1.44731 AU
superior conj	-5034 Oct 03 j 14:40	3°♍24'44	0°-18'-7
minimum elong	-5034 Oct 03 j 12:20	3°♍15'30	0°17'41
evening rise	-5034 Oct 19 j 06:11	28°♍22'56	
	-5034 Oct 20 j 06:11	0°♎	
evening max el	-5034 Nov 08 j 23:58	29°♎22'45	18°47'12
	-5034 Nov 09 j 14:56	0°♏	
asc. node	-5034 Nov 14 j 11:28	3°♏02'36	
retrograde	-5034 Nov 15 j 18:37	3°♏12'00	
evening set	-5034 Nov 18 j 19:06	2°♏20'10	
	-5034 Nov 21 j 16:53	30°℞♎	
inferior conj	-5034 Nov 24 j 16:41	26°♎35'56	3°01'39
minimum elong	-5034 Nov 24 j 13:25	26°♎45'49	3°00'39
min. Earth dist.	-5034 Nov 26 j 09:38	24°♎31'55	0.65065 AU
morning rise	-5034 Nov 30 j 06:38	20°♎27'45	
direct	-5034 Dec 06 j 22:08	17°♎38'48	
morning max el	-5034 Dec 20 j 00:50	25°♎13'41	26°55'15
	-5034 Dec 24 j 10:36	0°♏	
desc. node	-5034 Dec 27 j 17:28	3°♏59'46	
	-5033 Jan 14 j 06:59	0°♐	
morning set	-5033 Jan 24 j 16:54	18°♐43'40	
max. Earth dist.	-5033 Jan 29 j 05:47	27°♐40'03	1.34444 AU
	-5033 Jan 30 j 09:21	0°♑	
superior conj	-5033 Feb 02 j 02:11	5°♑34'41	-1°-16'-48
minimum elong	-5033 Feb 02 j 05:04	5°♑49'46	1°16'40
evening rise	-5033 Feb 09 j 13:48	21°♑17'45	
asc. node	-5033 Feb 10 j 10:24	23°♑04'13	
	-5033 Feb 13 j 21:19	0°♒	
evening max el	-5033 Mar 01 j 15:01	23°♒24'37	21°27'18
retrograde	-5033 Mar 13 j 14:21	29°♒08'17	
evening set	-5033 Mar 16 j 04:36	28°♒53'01	
inferior conj	-5033 Mar 25 j 10:27	24°♒52'56	0°04'11
minimum elong	-5033 Mar 25 j 10:38	24°♒52'40	0°03'57
transit middle	-5033 Mar 25 j 10:38	24°♒52'40	0°03'57
transit begin	-5033 Mar 25 j 06:39	24°♒58'17	
transit end	-5033 Mar 25 j 14:36	24°♒47'04	
min. Earth dist.	-5033 Mar 25 j 17:46	24°♒42'36	0.55202 AU
desc. node	-5033 Mar 25 j 16:32	24°♒44'21	
morning rise	-5033 Apr 03 j 16:29	20°♒48'10	
direct	-5033 Apr 06 j 14:04	20°♒29'38	
morning max el	-5033 Apr 19 j 03:42	26°♒30'52	22°03'01
	-5033 Apr 22 j 11:05	0°♓	
asc. node	-5033 May 09 j 10:12	28°♓12'35	
morning set	-5033 May 10 j 06:26	29°♓57'00	
	-5033 May 10 j 07:01	0°♈	
superior conj	-5033 May 17 j 14:55	15°♈26'15	1°15'21
minimum elong	-5033 May 17 j 12:14	15°♈12'09	1°15'01
max. Earth dist.	-5033 May 20 j 20:55	22°♈10'37	1.34629 AU
	-5033 May 24 j 18:37	0°♉	
evening rise	-5033 May 25 j 17:06	1°♉49'29	
	-5033 Jun 10 j 23:04	0°♊	
desc. node	-5033 Jun 21 j 14:55	14°♊56'21	
evening max el	-5033 Jun 29 j 13:41	23°♊51'27	27°03'15
	-5033 Jul 07 j 20:09	0°♋	
retrograde	-5033 Jul 12 j 19:54	1°♋14'10	
	-5033 Jul 17 j 10:30	30°℞♊	
evening set	-5033 Jul 19 j 16:52	28°♊27'03	
min. Earth dist.	-5033 Jul 23 j 13:04	24°♊37'45	0.65164 AU
inferior conj	-5033 Jul 25 j 12:37	22°♊20'58	-3°-10'-3
minimum elong	-5033 Jul 25 j 16:10	22°♊10'43	3°08'51
morning rise	-5033 Jul 31 j 16:43	16°♊42'50	
direct	-5033 Aug 03 j 12:43	15°♊59'02	
asc. node	-5033 Aug 05 j 09:52	16°♊18'07	
morning max el	-5033 Aug 10 j 02:23	19°♊33'59	18°19'43
	-5033 Aug 17 j 22:25	0°♋	
morning set	-5033 Aug 29 j 01:07	18°♋05'11	
	-5033 Sep 05 j 07:43	0°♌	
superior conj	-5033 Sep 12 j 15:28	11°♌45'23	0°30'49
minimum elong	-5033 Sep 12 j 19:13	12°♌00'20	0°30'33
max. Earth dist.	-5033 Sep 15 j 10:49	16°♌12'20	1.44664 AU
desc. node	-5033 Sep 17 j 14:13	19°♌35'07	
	-5033 Sep 24 j 05:29	0°♍	
evening rise	-5033 Sep 29 j 07:10	7°♍55'33	
	-5033 Oct 13 j 14:42	0°♎	
greatest brilliancy	-5033 Oct 14 j 12:15	1°♎19'35	-0.7m
evening max el	-5033 Oct 23 j 08:25	12°♎49'45	19°32'30
retrograde	-5033 Oct 30 j 14:48	17°♎02'08	
asc. node	-5033 Nov 01 j 08:39	16°♎44'30	
evening set	-5033 Nov 02 j 22:52	15°♎57'14	
inferior conj	-5033 Nov 08 j 14:35	9°♎59'02	2°18'01
minimum elong	-5033 Nov 08 j 11:45	10°♎08'11	2°17'00
min. Earth dist.	-5033 Nov 09 j 18:14	8°♎29'36	0.66130 AU
morning rise	-5033 Nov 13 j 23:53	3°♎44'53	
direct	-5033 Nov 20 j 02:18	1°♎06'13	
morning max el	-5033 Dec 02 j 10:08	8°♎21'43	25°51'47
desc. node	-5033 Dec 14 j 14:25	23°♎04'51	
	-5033 Dec 19 j 11:22	0°♏	
	-5032 Jan 06 j 18:08	0°♐	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning set	-5032 Jan 07 j 14:36	1°♐33'38	
max. Earth dist.	-5032 Jan 11 j 13:25	8°♐59'02	1.35914 AU
superior conj	-5032 Jan 16 j 21:49	19°♐31'27	-1°-35'-10
minimum elong	-5032 Jan 17 j 00:43	19°♐46'01	1°35'09
	-5032 Jan 22 j 00:53	0°♑	
evening rise	-5032 Jan 24 j 20:12	5°♑45'01	
asc. node	-5032 Jan 28 j 07:27	12°♑41'26	
	-5032 Feb 07 j 15:32	0°♒	
evening max el	-5032 Feb 11 j 22:30	4°♒52'03	20°09'28
retrograde	-5032 Feb 22 j 05:45	9°♒44'39	
evening set	-5032 Feb 24 j 14:34	9°♒30'21	
inferior conj	-5032 Mar 04 j 09:04	5°♒30'55	1°54'13
minimum elong	-5032 Mar 04 j 13:33	5°♒24'10	1°52'37
min. Earth dist.	-5032 Mar 06 j 07:48	4°♒20'47	0.55705 AU
desc. node	-5032 Mar 11 j 13:41	1°♒40'29	
morning rise	-5032 Mar 13 j 09:53	1°♒03'37	
direct	-5032 Mar 17 j 05:53	0°♒31'22	
morning max el	-5032 Mar 30 j 21:54	7°♒17'42	23°40'42
	-5032 Apr 16 j 03:38	0°♓	
morning set	-5032 Apr 23 j 18:15	14°♓57'50	
asc. node	-5032 Apr 25 j 07:09	18°♓12'22	
superior conj	-5032 Apr 30 j 21:34	0°♈13'48	0°54'51
minimum elong	-5032 Apr 30 j 19:22	0°♈02'00	0°54'27
	-5032 Apr 30 j 18:59	0°♈	
max. Earth dist.	-5032 May 02 j 23:10	4°♈38'27	1.33620 AU
evening rise	-5032 May 08 j 11:18	16°♈00'30	
	-5032 May 15 j 20:06	0°♉	
	-5032 Jun 04 j 15:27	0°♊	
desc. node	-5032 Jun 07 j 12:04	3°♊19'43	
evening max el	-5032 Jun 11 j 00:19	6°♊58'24	27°24'49
retrograde	-5032 Jun 24 j 15:54	14°♊23'29	
evening set	-5032 Jul 01 j 18:49	11°♊43'18	
min. Earth dist.	-5032 Jul 05 j 09:54	8°♊28'32	0.63703 AU
inferior conj	-5032 Jul 07 j 23:38	5°♊47'56	-3°-45'-8
minimum elong	-5032 Jul 08 j 02:52	5°♊39'30	3°44'21
morning rise	-5032 Jul 14 j 12:45	0°♊27'32	
	-5032 Jul 15 j 23:11	30°℞♉	
direct	-5032 Jul 17 j 04:23	29°♉52'33	
	-5032 Jul 18 j 09:30	0°♊	
asc. node	-5032 Jul 22 j 06:55	2°♊00'40	
morning max el	-5032 Jul 23 j 16:54	3°♊17'29	18°00'10
morning set	-5032 Aug 09 j 19:53	29°♊41'12	
	-5032 Aug 10 j 00:14	0°♋	
superior conj	-5032 Aug 22 j 10:10	21°♋00'41	1°11'05
minimum elong	-5032 Aug 22 j 16:09	21°♋25'19	1°10'42
	-5032 Aug 27 j 23:01	0°♌	
max. Earth dist.	-5032 Aug 28 j 03:08	0°♌16'30	1.43886 AU
desc. node	-5032 Sep 03 j 11:09	10°♌18'14	
evening rise	-5032 Sep 07 j 13:33	16°♌40'54	
	-5032 Sep 16 j 06:48	0°♍	
greatest brilliancy	-5032 Sep 29 j 05:42	18°♍44'49	-0.5m
evening max el	-5032 Oct 05 j 11:27	26°♍16'15	20°32'31
	-5032 Oct 10 j 01:32	0°♎	
retrograde	-5032 Oct 13 j 11:57	0°♎59'44	
	-5032 Oct 16 j 17:20	30°℞♍	
evening set	-5032 Oct 17 j 05:49	29°♍38'59	
asc. node	-5032 Oct 18 j 05:48	28°♍50'08	
inferior conj	-5032 Oct 22 j 17:20	23°♍30'05	1°29'11
minimum elong	-5032 Oct 22 j 15:22	23°♍36'44	1°28'27
min. Earth dist.	-5032 Oct 23 j 09:08	22°♍36'41	0.66851 AU
morning rise	-5032 Oct 28 j 00:27	17°♍12'39	
direct	-5032 Nov 02 j 11:42	14°♍51'36	
morning max el	-5032 Nov 13 j 19:00	21°♍35'35	24°32'21
	-5032 Nov 21 j 02:41	0°♎	

desc. node	-5032 Nov 30 j 11:20	12°♎44'04	
	-5032 Dec 11 j 17:58	0°♏	
morning set	-5032 Dec 19 j 16:15	13°♏19'44	
max. Earth dist.	-5032 Dec 23 j 12:11	20°♏09'15	1.37763 AU
	-5032 Dec 28 j 19:00	0°♐	
superior conj	-5032 Dec 30 j 06:43	2°♐51'30	-1°-48'-2
minimum elong	-5032 Dec 30 j 08:40	3°♐00'57	1°48'11
evening rise	-5031 Jan 07 j 20:56	19°♐49'42	
	-5031 Jan 13 j 03:13	0°♑	
asc. node	-5031 Jan 14 j 04:31	1°♑55'48	
evening max el	-5031 Jan 24 j 16:19	16°♑55'09	19°09'47
retrograde	-5031 Feb 02 j 10:28	21°♑05'54	
evening set	-5031 Feb 04 j 19:59	20°♑48'28	
inferior conj	-5031 Feb 12 j 22:26	16°♑35'37	3°14'16
minimum elong	-5031 Feb 13 j 03:15	16°♑27'19	3°12'59
min. Earth dist.	-5031 Feb 15 j 22:39	14°♑32'28	0.57006 AU
morning rise	-5031 Feb 21 j 06:53	11°♑38'57	
direct	-5031 Feb 26 j 08:48	10°♑38'50	
desc. node	-5031 Feb 26 j 10:48	10°♑38'51	
morning max el	-5031 Mar 12 j 12:51	17°♑54'27	25°16'48
	-5031 Mar 22 j 12:34	0°♒	
morning set	-5031 Apr 08 j 06:31	0°♓01'27	
	-5031 Apr 08 j 06:15	0°♓	
asc. node	-5031 Apr 12 j 04:05	8°♓21'32	
superior conj	-5031 Apr 15 j 07:35	15°♓12'10	0°32'03
minimum elong	-5031 Apr 15 j 06:13	15°♓04'43	0°31'41
max. Earth dist.	-5031 Apr 16 j 08:34	17°♓27'51	1.32967 AU
	-5031 Apr 22 j 06:24	0°♈	
evening rise	-5031 Apr 22 j 13:25	0°♈36'02	
	-5031 May 08 j 21:25	0°♉	
evening max el	-5031 May 24 j 07:37	19°♉34'32	27°14'59
desc. node	-5031 May 25 j 09:13	20°♉34'11	
retrograde	-5031 Jun 07 j 05:29	26°♉58'43	
evening set	-5031 Jun 14 j 05:42	24°♉39'30	
min. Earth dist.	-5031 Jun 17 j 20:48	21°♉49'02	0.61895 AU
inferior conj	-5031 Jun 20 j 23:13	18°♉57'28	-4°-7'-34
minimum elong	-5031 Jun 21 j 01:00	18°♉53'19	4°07'15
morning rise	-5031 Jun 27 j 22:57	13°♉57'35	
direct	-5031 Jun 30 j 11:56	13°♉29'28	
morning max el	-5031 Jul 07 j 07:01	16°♉53'59	17°59'00
asc. node	-5031 Jul 09 j 03:55	18°♉55'42	
	-5031 Jul 16 j 13:53	0°♊	
morning set	-5031 Jul 23 j 11:14	12°♊16'13	
	-5031 Aug 02 j 09:42	0°♋	
superior conj	-5031 Aug 03 j 08:16	1°♋37'42	1°36'45
minimum elong	-5031 Aug 03 j 12:30	1°♋55'58	1°36'43
max. Earth dist.	-5031 Aug 10 j 14:27	13°♋51'07	1.42508 AU
evening rise	-5031 Aug 17 j 19:09	25°♋25'40	
	-5031 Aug 20 j 17:21	0°♌	
desc. node	-5031 Aug 21 j 08:07	0°♌57'11	
	-5031 Sep 10 j 06:31	0°♍	
greatest brilliancy	-5031 Sep 13 j 09:45	4°♍02'33	-0.4m
evening max el	-5031 Sep 18 j 08:04	9°♍40'54	21°44'23
retrograde	-5031 Sep 27 j 08:08	15°♍01'38	
evening set	-5031 Oct 01 j 13:56	13°♍22'37	
asc. node	-5031 Oct 05 j 02:57	9°♍34'58	
inferior conj	-5031 Oct 06 j 22:52	7°♍06'34	0°37'16
minimum elong	-5031 Oct 06 j 22:01	7°♍09'31	0°37'02
min. Earth dist.	-5031 Oct 07 j 04:01	6°♍48'47	0.67261 AU
morning rise	-5031 Oct 12 j 05:51	0°♍48'41	
	-5031 Oct 13 j 07:54	30°℞♌	
direct	-5031 Oct 17 j 01:49	28°♌48'28	
	-5031 Oct 21 j 04:22	0°♍	
morning max el	-5031 Oct 27 j 05:02	4°♍51'48	23°06'24

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

greatest brilliancy	-5031 Nov 01 j 06:33	10°♍34'07	-0.3m
	-5031 Nov 15 j 11:18	0°♎	
desc. node	-5031 Nov 17 j 08:12	2°♎46'58	
morning set	-5031 Nov 30 j 15:48	23°♎46'19	
	-5031 Dec 04 j 08:33	0°♏	
max. Earth dist.	-5031 Dec 05 j 08:26	1°♏42'35	1.39810 AU
superior conj	-5031 Dec 13 j 00:23	15°♏21'57	-1°-52'-40
minimum elong	-5031 Dec 13 j 00:09	15°♏20'54	1°52'52
	-5031 Dec 20 j 18:42	0°♐	
evening rise	-5031 Dec 22 j 13:15	3°♐23'50	
asc. node	-5030 Jan 01 j 01:36	20°♐38'41	
evening max el	-5030 Jan 07 j 18:55	29°♐28'53	18°30'03
	-5030 Jan 08 j 08:14	0°♑	
retrograde	-5030 Jan 15 j 09:18	3°♑12'10	
evening set	-5030 Jan 17 j 20:55	2°♑49'36	
	-5030 Jan 23 j 02:16	30°℞♐	
inferior conj	-5030 Jan 25 j 07:47	28°♐16'49	3°56'11
minimum elong	-5030 Jan 25 j 10:06	28°♐12'13	3°55'42
min. Earth dist.	-5030 Jan 28 j 16:35	25°♐36'49	0.58818 AU
morning rise	-5030 Feb 01 j 19:50	22°♐55'02	
direct	-5030 Feb 08 j 00:41	21°♐16'27	
desc. node	-5030 Feb 13 j 07:53	22°♐25'31	
morning max el	-5030 Feb 22 j 06:29	28°♐47'52	26°36'17
	-5030 Feb 23 j 11:22	0°♑	
	-5030 Mar 16 j 02:38	0°♒	
morning set	-5030 Mar 23 j 17:31	15°♒00'51	
asc. node	-5030 Mar 30 j 01:02	28°♒35'10	
superior conj	-5030 Mar 30 j 19:11	0°♓14'27	0°07'51
minimum elong	-5030 Mar 30 j 18:51	0°♓12'35	0°07'37
behind sun begin	-5030 Mar 30 j 14:27	29°♒48'30	
behind sun end	-5030 Mar 30 j 23:15	0°♓36'40	
	-5030 Mar 30 j 16:33	0°♓	
max. Earth dist.	-5030 Mar 30 j 21:35	0°♓27'33	1.32647 AU
evening rise	-5030 Apr 06 j 20:46	15°♓26'28	
	-5030 Apr 14 j 06:17	0°♈	
	-5030 May 04 j 20:52	0°♉	
evening max el	-5030 May 06 j 09:35	1°♉31'20	26°32'33
desc. node	-5030 May 12 j 06:23	6°♉11'33	
retrograde	-5030 May 20 j 11:33	8°♉52'01	
evening set	-5030 May 26 j 21:34	7°♉06'25	
min. Earth dist.	-5030 May 30 j 22:46	4°♉24'23	0.59874 AU
inferior conj	-5030 Jun 03 j 07:50	1°♉41'22	-4°-10'-35
minimum elong	-5030 Jun 03 j 06:54	1°♉43'16	4°10'25
	-5030 Jun 05 j 11:34	30°℞♈	
morning rise	-5030 Jun 10 j 19:49	27°♈03'18	
direct	-5030 Jun 13 j 07:17	26°♈40'39	
	-5030 Jun 20 j 11:02	0°♉	
morning max el	-5030 Jun 20 j 17:58	0°♉16'15	18°17'04
asc. node	-5030 Jun 26 j 00:54	6°♉48'12	
morning set	-5030 Jul 06 j 18:06	25°♉37'45	
	-5030 Jul 09 j 01:31	0°♊	
superior conj	-5030 Jul 16 j 08:00	13°♊31'46	1°48'14
minimum elong	-5030 Jul 16 j 09:21	13°♊37'53	1°48'26
max. Earth dist.	-5030 Jul 23 j 19:37	26°♊43'31	1.40727 AU
	-5030 Jul 25 j 17:59	0°♋	
evening rise	-5030 Jul 28 j 19:11	5°♋03'47	
desc. node	-5030 Aug 08 j 05:08	21°♋28'26	
	-5030 Aug 13 j 23:11	0°♌	
greatest brilliancy	-5030 Aug 26 j 16:42	17°♌11'25	-0.3m
evening max el	-5030 Aug 31 j 23:02	23°♌05'42	23°03'45
retrograde	-5030 Sep 11 j 01:51	29°♌05'36	
evening set	-5030 Sep 15 j 21:26	27°♌06'49	
inferior conj	-5030 Sep 21 j 05:25	20°♌47'12	0°-15'-51
minimum elong	-5030 Sep 21 j 05:47	20°♌45'57	0°15'31
transit middle	-5030 Sep 21 j 05:47	20°♌45'57	0°15'31
transit begin	-5030 Sep 21 j 04:55	20°♌48'55	
transit end	-5030 Sep 21 j 06:38	20°♌43'00	
min. Earth dist.	-5030 Sep 21 j 00:24	21°♌04'29	0.67378 AU
asc. node	-5030 Sep 22 j 00:04	19°♌43'13	
morning rise	-5030 Sep 26 j 14:06	14°♌32'07	
direct	-5030 Sep 30 j 19:57	12°♌52'52	
morning max el	-5030 Oct 09 j 19:16	18°♌12'38	21°42'39
greatest brilliancy	-5030 Oct 14 j 20:08	23°♌59'42	-0.4m
	-5030 Oct 19 j 09:50	0°♍	
desc. node	-5030 Nov 04 j 05:07	23°♍06'59	
	-5030 Nov 08 j 15:29	0°♎	
morning set	-5030 Nov 10 j 11:05	2°♎52'07	
max. Earth dist.	-5030 Nov 17 j 09:07	14°♎04'39	1.41787 AU
superior conj	-5030 Nov 24 j 21:26	26°♎49'53	-1°-45'-40
minimum elong	-5030 Nov 24 j 17:54	26°♎34'30	1°45'36
	-5030 Nov 26 j 16:50	0°♏	
evening rise	-5030 Dec 05 j 17:53	16°♏20'26	
	-5030 Dec 13 j 08:19	0°♐	
asc. node	-5030 Dec 18 j 22:43	8°♐40'26	
evening max el	-5030 Dec 22 j 03:46	12°♐26'11	18°10'21
retrograde	-5030 Dec 29 j 01:00	15°♐56'21	
evening set	-5030 Dec 31 j 15:00	15°♐27'21	
inferior conj	-5029 Jan 07 j 12:30	10°♐32'36	4°05'48
minimum elong	-5029 Jan 07 j 11:57	10°♐33'52	4°05'33
min. Earth dist.	-5029 Jan 10 j 16:24	7°♐38'59	0.60809 AU
morning rise	-5029 Jan 14 j 06:16	4°♐52'51	
direct	-5029 Jan 21 j 03:37	2°♐37'34	
desc. node	-5029 Jan 31 j 04:58	6°♐45'05	
morning max el	-5029 Feb 04 j 05:56	10°♐16'27	27°26'31
	-5029 Feb 19 j 14:39	0°♑	
morning set	-5029 Mar 08 j 01:25	29°♑49'07	
	-5029 Mar 08 j 03:31	0°♒	
max. Earth dist.	-5029 Mar 14 j 10:33	13°♒24'36	1.32663 AU
superior conj	-5029 Mar 15 j 06:42	15°♒14'26	0°-16'-55
minimum elong	-5029 Mar 15 j 07:27	15°♒18'34	0°16'59
asc. node	-5029 Mar 16 j 22:00	18°♒49'04	
evening rise	-5029 Mar 22 j 07:10	0°♓24'03	
	-5029 Mar 22 j 02:36	0°♓	
	-5029 Apr 07 j 17:20	0°♈	
evening max el	-5029 Apr 18 j 05:38	12°♈48'27	25°21'33
desc. node	-5029 Apr 29 j 03:34	19°♈35'57	
retrograde	-5029 May 02 j 07:36	19°♈59'37	
evening set	-5029 May 07 j 16:06	18°♈52'25	
min. Earth dist.	-5029 May 12 j 18:13	16°♈02'18	0.57894 AU
inferior conj	-5029 May 15 j 22:02	13°♈50'18	-3°-44'-56
minimum elong	-5029 May 15 j 17:52	13°♈57'37	3°44'16
morning rise	-5029 May 23 j 23:47	9°♈32'53	
direct	-5029 May 26 j 10:20	9°♈14'34	
morning max el	-5029 Jun 03 j 22:47	13°♈14'36	18°55'06
asc. node	-5029 Jun 12 j 21:53	25°♈24'42	
	-5029 Jun 15 j 11:53	0°♉	
morning set	-5029 Jun 20 j 12:14	9°♉34'55	
superior conj	-5029 Jun 29 j 03:43	26°♉26'55	1°48'20
minimum elong	-5029 Jun 29 j 02:45	26°♉22'18	1°48'31
	-5029 Jul 01 j 00:42	0°♊	
max. Earth dist.	-5029 Jul 05 j 21:10	8°♊54'52	1.38794 AU
evening rise	-5029 Jul 09 j 21:38	15°♊58'59	
	-5029 Jul 18 j 09:08	0°♋	
desc. node	-5029 Jul 26 j 02:11	11°♋46'51	
	-5029 Aug 08 j 13:11	0°♌	
evening max el	-5029 Aug 14 j 10:32	6°♌32'42	24°24'28
retrograde	-5029 Aug 25 j 15:54	13°♌07'47	
evening set	-5029 Aug 31 j 02:32	10°♌49'21	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

inferior conj	-5029 Sep 05 j 11:14	4°♌29'38	-1°-8'-35
minimum elong	-5029 Sep 05 j 12:49	4°♌24'21	1°07'43
min. Earth dist.	-5029 Sep 04 j 19:46	5°♌21'42	0.67197 AU
asc. node	-5029 Sep 08 j 21:12	0°♌13'47	
	-5029 Sep 09 j 02:26	30°℞♋	
morning rise	-5029 Sep 10 j 23:19	28°♋20'44	
direct	-5029 Sep 14 j 16:53	27°♋00'46	
	-5029 Sep 20 j 21:44	0°♌	
morning max el	-5029 Sep 22 j 16:05	1°♌40'37	20°27'40
greatest brilliancy	-5029 Sep 29 j 04:33	9°♌33'27	-0.5m
	-5029 Oct 13 j 05:17	0°♍	
morning set	-5029 Oct 20 j 11:31	11°♍08'38	
desc. node	-5029 Oct 22 j 02:01	13°♍38'23	
max. Earth dist.	-5029 Oct 30 j 17:23	27°♍18'55	1.43404 AU
	-5029 Nov 01 j 09:17	0°♎	
superior conj	-5029 Nov 05 j 16:27	7°♎02'22	-1°-23'-35
minimum elong	-5029 Nov 05 j 10:04	6°♎36'01	1°23'01
evening rise	-5029 Nov 18 j 06:37	28°♎30'48	
	-5029 Nov 19 j 03:02	0°♏	
evening max el	-5029 Dec 05 j 15:58	25°♏39'13	18°10'10
asc. node	-5029 Dec 05 j 19:50	25°♏48'53	
retrograde	-5029 Dec 12 j 05:49	29°♏08'50	
evening set	-5029 Dec 14 j 22:45	28°♏32'17	
inferior conj	-5029 Dec 21 j 09:16	23°♏16'09	3°52'23
minimum elong	-5029 Dec 21 j 06:50	23°♏22'30	3°51'51
min. Earth dist.	-5029 Dec 24 j 00:52	20°♏30'59	0.62689 AU
morning rise	-5029 Dec 27 j 13:04	17°♏23'09	
direct	-5028 Jan 03 j 15:01	14°♏43'16	
morning max el	-5028 Jan 17 j 11:10	22°♏25'00	27°41'20
desc. node	-5028 Jan 18 j 02:01	23°♏02'00	
	-5028 Jan 24 j 05:22	0°♐	
	-5028 Feb 12 j 17:00	0°♑	
morning set	-5028 Feb 20 j 04:02	14°♑18'39	
max. Earth dist.	-5028 Feb 25 j 19:45	26°♑05'48	1.33037 AU
superior conj	-5028 Feb 27 j 16:28	0°♒06'11	0°-41'-22
minimum elong	-5028 Feb 27 j 18:16	0°♒15'52	0°41'16
	-5028 Feb 27 j 15:19	0°♒	
asc. node	-5028 Mar 02 j 19:00	8°♒59'13	
evening rise	-5028 Mar 05 j 18:48	15°♒22'02	
	-5028 Mar 13 j 04:04	0°♓	
evening max el	-5028 Mar 29 j 22:06	23°♓38'44	23°52'11
	-5028 Apr 09 j 01:58	0°♈	
retrograde	-5028 Apr 12 j 15:15	0°♈28'42	
desc. node	-5028 Apr 15 j 00:45	0°♈15'51	
	-5028 Apr 16 j 05:36	30°℞♓	
evening set	-5028 Apr 16 j 16:40	29°♓52'20	
min. Earth dist.	-5028 Apr 23 j 09:52	26°♓41'33	0.56278 AU
inferior conj	-5028 Apr 25 j 16:15	25°♓18'28	-2°-41'-58
minimum elong	-5028 Apr 25 j 10:40	25°♓27'02	2°40'33
morning rise	-5028 May 04 j 08:21	21°♓16'38	
direct	-5028 May 06 j 18:57	21°♓01'13	
morning max el	-5028 May 16 j 18:47	25°♓40'10	19°53'27
	-5028 May 20 j 16:49	0°♈	
asc. node	-5028 May 29 j 18:54	14°♈34'56	
morning set	-5028 Jun 03 j 14:23	23°♈59'41	
	-5028 Jun 06 j 13:29	0°♉	
superior conj	-5028 Jun 11 j 14:06	10°♉08'49	1°40'00
minimum elong	-5028 Jun 11 j 11:48	9°♉57'24	1°40'00
max. Earth dist.	-5028 Jun 17 j 00:38	20°♉43'37	1.36954 AU
evening rise	-5028 Jun 21 j 00:36	28°♉08'02	
	-5028 Jun 22 j 01:28	0°♊	
	-5028 Jul 10 j 17:15	0°♋	
desc. node	-5028 Jul 11 j 23:14	1°♋46'26	
evening max el	-5028 Jul 26 j 21:08	20°♋02'33	25°38'44

retrograde	-5028 Aug 08 j 01:33	27°♋04'13	
evening set	-5028 Aug 14 j 03:19	24°♋28'53	
min. Earth dist.	-5028 Aug 18 j 11:39	19°♋38'53	0.66695 AU
inferior conj	-5028 Aug 19 j 14:35	18°♋12'12	-1°-59'-14
minimum elong	-5028 Aug 19 j 17:13	18°♋03'44	1°58'01
morning rise	-5028 Aug 25 j 07:40	12°♋12'52	
asc. node	-5028 Aug 25 j 18:21	11°♋56'57	
direct	-5028 Aug 28 j 15:04	11°♋09'28	
morning max el	-5028 Sep 04 j 20:05	15°♋17'07	19°25'38
greatest brilliancy	-5028 Sep 14 j 11:15	27°♋53'16	-0.7m
	-5028 Sep 15 j 21:15	0°♌	
morning set	-5028 Sep 28 j 15:02	19°♌40'31	
	-5028 Oct 05 j 05:25	0°♍	
desc. node	-5028 Oct 07 j 22:54	4°♍17'08	
max. Earth dist.	-5028 Oct 12 j 08:09	11°♍12'18	1.44445 AU
superior conj	-5028 Oct 15 j 08:20	15°♍59'05	0°-45'-26
minimum elong	-5028 Oct 15 j 03:00	15°♍37'49	0°44'43
	-5028 Oct 24 j 00:45	0°♎	
evening rise	-5028 Oct 29 j 22:42	9°♎45'04	
	-5028 Nov 11 j 08:26	0°♏	
evening max el	-5028 Nov 18 j 04:40	9°♏00'55	18°28'35
asc. node	-5028 Nov 21 j 17:01	11°♏49'00	
retrograde	-5028 Nov 24 j 19:26	12°♏40'30	
evening set	-5028 Nov 27 j 16:39	11°♏54'47	
inferior conj	-5028 Dec 03 j 18:22	6°♏19'43	3°23'21
minimum elong	-5028 Dec 03 j 15:09	6°♏29'00	3°22'28
min. Earth dist.	-5028 Dec 05 j 19:24	3°♏58'15	0.64291 AU
morning rise	-5028 Dec 09 j 12:19	0°♏16'16	
	-5028 Dec 09 j 20:24	30°℞♎	
direct	-5028 Dec 16 j 09:23	27°♎26'55	
	-5028 Dec 23 j 16:21	0°♏	
morning max el	-5028 Dec 29 j 20:05	5°♏06'36	27°21'03
desc. node	-5027 Jan 03 j 23:02	10°♏42'36	
	-5027 Jan 17 j 20:40	0°♐	
morning set	-5027 Feb 02 j 22:31	28°♐19'04	
	-5027 Feb 03 j 19:00	0°♑	
max. Earth dist.	-5027 Feb 07 j 21:16	8°♑18'00	1.33809 AU
superior conj	-5027 Feb 10 j 22:34	14°♑42'07	-1°-4'-32
minimum elong	-5027 Feb 11 j 01:10	14°♑55'55	1°04'22
asc. node	-5027 Feb 17 j 16:01	29°♑00'27	
evening rise	-5027 Feb 18 j 05:50	0°♒12'48	
	-5027 Feb 18 j 03:23	0°♒	
	-5027 Mar 07 j 14:44	0°♓	
evening max el	-5027 Mar 11 j 16:11	4°♓25'05	22°18'12
retrograde	-5027 Mar 24 j 10:52	10°♓37'29	
evening set	-5027 Mar 27 j 10:19	10°♓17'57	
desc. node	-5027 Apr 01 j 21:57	8°♓14'25	
min. Earth dist.	-5027 Apr 05 j 00:03	6°♓33'53	0.55344 AU
inferior conj	-5027 Apr 05 j 17:42	6°♓08'52	-1°-2'-27
minimum elong	-5027 Apr 05 j 14:53	6°♓12'52	1°01'38
morning rise	-5027 Apr 14 j 21:11	2°♓10'40	
direct	-5027 Apr 17 j 11:48	1°♓55'09	
morning max el	-5027 Apr 29 j 04:07	7°♓24'55	21°11'08
	-5027 May 14 j 13:00	0°♈	
asc. node	-5027 May 16 j 15:52	4°♈09'30	
morning set	-5027 May 18 j 21:54	8°♈43'38	
superior conj	-5027 May 26 j 10:48	24°♈24'05	1°25'38
minimum elong	-5027 May 26 j 08:03	24°♈09'57	1°25'25
	-5027 May 29 j 04:36	0°♉	
max. Earth dist.	-5027 May 30 j 11:23	2°♉34'21	1.35376 AU
evening rise	-5027 Jun 03 j 22:41	11°♉15'57	
	-5027 Jun 14 j 12:41	0°♊	
desc. node	-5027 Jun 28 j 20:20	21°♊18'48	
	-5027 Jul 05 j 23:13	0°♋	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening max el	-5027 Jul 09 j 08:05	3°♋30'48	26°38'28
retrograde	-5027 Jul 22 j 06:25	10°♋48'58	
evening set	-5027 Jul 28 j 21:32	8°♋03'03	
min. Earth dist.	-5027 Aug 01 j 21:43	3°♋52'09	0.65833 AU
inferior conj	-5027 Aug 03 j 13:28	1°♋52'19	-2°-45'-55
minimum elong	-5027 Aug 03 j 16:50	1°♋42'08	2°44'37
	-5027 Aug 05 j 03:31	30°℞♊	
morning rise	-5027 Aug 09 j 13:08	26°♊05'48	
direct	-5027 Aug 12 j 12:36	25°♊15'49	
asc. node	-5027 Aug 12 j 15:28	25°♊15'53	
morning max el	-5027 Aug 19 j 06:01	29°♊00'12	18°39'01
	-5027 Aug 20 j 04:28	0°♋	
morning set	-5027 Sep 08 j 16:24	29°♋18'02	
	-5027 Sep 09 j 02:49	0°♌	
superior conj	-5027 Sep 24 j 08:16	24°♌14'35	0°03'03
minimum elong	-5027 Sep 24 j 08:42	24°♌16'16	0°03'09
behind sun begin	-5027 Sep 23 j 21:27	23°♌31'55	
behind sun end	-5027 Sep 24 j 19:56	25°♌00'36	
desc. node	-5027 Sep 24 j 19:49	25°♌00'05	
max. Earth dist.	-5027 Sep 25 j 01:54	25°♌24'04	1.44787 AU
	-5027 Sep 27 j 23:55	0°♍	
evening rise	-5027 Oct 10 j 14:06	19°♍54'56	
	-5027 Oct 16 j 22:17	0°♎	
evening max el	-5027 Nov 01 j 15:15	22°♎26'42	19°04'31
retrograde	-5027 Nov 08 j 14:11	26°♎25'11	
asc. node	-5027 Nov 08 j 14:11	26°♎25'11	
evening set	-5027 Nov 11 j 17:34	25°♎28'09	
inferior conj	-5027 Nov 17 j 12:25	19°♎37'19	2°43'59
minimum elong	-5027 Nov 17 j 09:16	19°♎47'09	2°42'56
min. Earth dist.	-5027 Nov 18 j 23:27	17°♎47'45	0.65551 AU
morning rise	-5027 Nov 23 j 00:01	13°♎26'06	
direct	-5027 Nov 29 j 10:12	10°♎40'32	
morning max el	-5027 Dec 12 j 05:58	18°♎09'14	26°30'58
desc. node	-5027 Dec 21 j 20:00	29°♎22'12	
	-5027 Dec 22 j 07:27	0°♏	
	-5026 Jan 10 j 19:05	0°♐	
morning set	-5026 Jan 17 j 05:11	11°♐39'07	
max. Earth dist.	-5026 Jan 21 j 11:44	19°♐54'40	1.35016 AU
superior conj	-5026 Jan 25 j 22:47	28°♐55'27	-1°-25'-7
minimum elong	-5026 Jan 26 j 01:46	29°♐10'48	1°25'02
	-5026 Jan 26 j 11:19	0°♑	
evening rise	-5026 Feb 02 j 14:28	14°♑50'23	
asc. node	-5026 Feb 04 j 13:03	18°♑48'04	
	-5026 Feb 10 j 10:16	0°♒	
evening max el	-5026 Feb 21 j 17:46	15°♒33'12	20°52'08
retrograde	-5026 Mar 05 j 00:46	20°♒55'22	
evening set	-5026 Mar 07 j 11:14	20°♒41'19	
inferior conj	-5026 Mar 16 j 13:15	16°♒43'15	0°53'08
minimum elong	-5026 Mar 16 j 15:37	16°♒39'51	0°52'08
min. Earth dist.	-5026 Mar 17 j 14:18	16°♒07'17	0.55307 AU
desc. node	-5026 Mar 19 j 19:07	14°♒53'54	
morning rise	-5026 Mar 25 j 18:42	12°♒30'23	
direct	-5026 Mar 29 j 00:00	12°♒07'46	
morning max el	-5026 Apr 11 j 03:04	18°♒29'58	22°43'51
	-5026 Apr 20 j 10:50	0°♓	
morning set	-5026 May 03 j 08:39	23°♓40'01	
asc. node	-5026 May 03 j 12:48	24°♓01'39	
	-5026 May 06 j 08:42	0°♈	
superior conj	-5026 May 10 j 14:33	9°♈02'28	1°07'00
minimum elong	-5026 May 10 j 12:01	8°♈49'02	1°06'37
max. Earth dist.	-5026 May 13 j 07:55	14°♈45'48	1.34154 AU
evening rise	-5026 May 18 j 10:46	25°♈07'50	
	-5026 May 20 j 23:15	0°♉	
	-5026 Jun 07 j 23:50	0°♊	

desc. node	-5026 Jun 15 j 17:28	10°♊12'03	
evening max el	-5026 Jun 21 j 19:08	16°♊48'30	27°15'57
retrograde	-5026 Jul 05 j 06:02	24°♊13'47	
evening set	-5026 Jul 12 j 06:23	21°♊27'40	
min. Earth dist.	-5026 Jul 15 j 23:53	17°♊54'04	0.64585 AU
inferior conj	-5026 Jul 18 j 05:35	15°♊25'38	-3°-26'-13
minimum elong	-5026 Jul 18 j 09:07	15°♊15'51	3°25'10
morning rise	-5026 Jul 24 j 13:21	9°♊54'55	
direct	-5026 Jul 27 j 07:08	9°♊15'20	
asc. node	-5026 Jul 30 j 12:32	10°♊09'25	
morning max el	-5026 Aug 02 j 19:36	12°♊45'07	18°09'12
	-5026 Aug 14 j 18:58	0°♋	
morning set	-5026 Aug 20 j 20:50	10°♋12'51	
	-5026 Sep 01 j 19:48	0°♌	
superior conj	-5026 Sep 03 j 14:34	2°♌52'33	0°49'30
minimum elong	-5026 Sep 03 j 19:54	3°♌13'59	0°49'07
max. Earth dist.	-5026 Sep 07 j 19:00	9°♌33'48	1.44406 AU
desc. node	-5026 Sep 11 j 16:41	15°♌43'44	
evening rise	-5026 Sep 20 j 05:32	29°♌02'38	
	-5026 Sep 20 j 20:20	0°♍	
greatest brilliancy	-5026 Oct 08 j 09:35	26°♍28'29	-0.6m
	-5026 Oct 10 j 23:25	0°♎	
evening max el	-5026 Oct 15 j 21:28	5°♎52'57	19°56'25
retrograde	-5026 Oct 23 j 11:03	10°♎18'10	
asc. node	-5026 Oct 26 j 11:22	9°♎25'20	
evening set	-5026 Oct 26 j 22:54	9°♎07'02	
inferior conj	-5026 Nov 01 j 12:37	3°♎03'54	1°57'47
minimum elong	-5026 Nov 01 j 10:08	3°♎12'10	1°56'53
min. Earth dist.	-5026 Nov 02 j 11:08	1°♎49'30	0.66470 AU
	-5026 Nov 03 j 21:16	30°℞♍	
morning rise	-5026 Nov 06 j 20:41	26°♍47'45	
direct	-5026 Nov 12 j 16:44	24°♍15'44	
	-5026 Nov 23 j 06:00	0°♎	
morning max el	-5026 Nov 24 j 14:59	1°♎20'08	25°19'22
desc. node	-5026 Dec 08 j 16:55	18°♎42'52	
	-5026 Dec 16 j 08:42	0°♏	
morning set	-5026 Dec 30 j 19:05	24°♏03'42	
	-5025 Jan 03 j 00:53	0°♐	
max. Earth dist.	-5025 Jan 03 j 14:34	1°♐03'55	1.36655 AU
superior conj	-5025 Jan 09 j 14:15	12°♐37'22	-1°-41'-27
minimum elong	-5025 Jan 09 j 16:53	12°♐50'24	1°41'31
evening rise	-5025 Jan 17 j 18:41	29°♐08'10	
	-5025 Jan 18 j 04:59	0°♑	
asc. node	-5025 Jan 22 j 10:07	8°♑16'11	
evening max el	-5025 Feb 04 j 05:45	27°♑16'02	19°41'47
	-5025 Feb 07 j 18:11	0°♒	
retrograde	-5025 Feb 13 j 20:31	1°♒49'04	
evening set	-5025 Feb 16 j 05:04	1°♒33'55	
	-5025 Feb 20 j 10:51	30°℞♑	
inferior conj	-5025 Feb 24 j 17:00	27°♑30'25	2°32'46
minimum elong	-5025 Feb 24 j 22:09	27°♑22'17	2°31'07
min. Earth dist.	-5025 Feb 27 j 04:52	25°♑56'03	0.56172 AU
morning rise	-5025 Mar 05 j 11:49	22°♑50'16	
desc. node	-5025 Mar 06 j 16:15	22°♑30'29	
direct	-5025 Mar 09 j 20:14	22°♑07'45	
morning max el	-5025 Mar 23 j 19:08	29°♑09'26	24°22'33
	-5025 Mar 24 j 15:45	0°♒	
	-5025 Apr 13 j 14:00	0°♓	
morning set	-5025 Apr 17 j 20:52	8°♓42'55	
asc. node	-5025 Apr 20 j 09:44	14°♓06'08	
superior conj	-5025 Apr 24 j 22:54	23°♓55'57	0°45'26
minimum elong	-5025 Apr 24 j 21:01	23°♓45'47	0°45'01
max. Earth dist.	-5025 Apr 26 j 13:26	27°♓23'23	1.33300 AU
	-5025 Apr 27 j 18:47	0°♈	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening rise	-5025 May 02 j 08:45	9°♈31'09	
	-5025 May 13 j 08:15	0°♉	
desc. node	-5025 Jun 02 j 14:37	28°♉09'40	
evening max el	-5025 Jun 04 j 04:45	29°♉44'38	27°24'42
	-5025 Jun 04 j 11:13	0°♊	
retrograde	-5025 Jun 17 j 23:44	7°♊10'03	
evening set	-5025 Jun 25 j 02:29	4°♊37'14	
min. Earth dist.	-5025 Jun 28 j 16:44	1°♊34'08	0.62965 AU
	-5025 Jun 30 j 07:00	30°℞♉	
inferior conj	-5025 Jul 01 j 12:11	28°♉46'51	-3°-56'-37
minimum elong	-5025 Jul 01 j 14:57	28°♉39'57	3°56'01
morning rise	-5025 Jul 08 j 05:37	23°♉34'45	
direct	-5025 Jul 10 j 19:50	23°♉02'58	
asc. node	-5025 Jul 17 j 09:32	26°♉25'01	
morning max el	-5025 Jul 17 j 10:18	26°♉26'54	17°57'19
	-5025 Jul 20 j 11:48	0°♊	
morning set	-5025 Aug 03 j 01:07	22°♊16'16	
	-5025 Aug 07 j 10:39	0°♋	
superior conj	-5025 Aug 14 j 20:40	12°♋42'03	1°23'50
minimum elong	-5025 Aug 15 j 02:14	13°♋05'23	1°23'35
max. Earth dist.	-5025 Aug 21 j 09:08	23°♋26'17	1.43365 AU
	-5025 Aug 25 j 11:29	0°♌	
desc. node	-5025 Aug 29 j 13:38	6°♌25'39	
evening rise	-5025 Aug 30 j 09:00	7°♌40'56	
	-5025 Sep 14 j 03:59	0°♍	
greatest brilliancy	-5025 Sep 23 j 08:48	12°♍47'56	-0.5m
evening max el	-5025 Sep 28 j 21:54	19°♍18'53	21°01'55
retrograde	-5025 Oct 07 j 07:54	24°♍17'27	
evening set	-5025 Oct 11 j 06:32	22°♍49'22	
asc. node	-5025 Oct 13 j 08:30	20°♍52'44	
inferior conj	-5025 Oct 16 j 16:48	16°♍37'15	1°07'23
minimum elong	-5025 Oct 16 j 15:17	16°♍42'26	1°06'52
min. Earth dist.	-5025 Oct 17 j 04:03	15°♍58'47	0.67067 AU
morning rise	-5025 Oct 21 j 23:36	10°♍19'12	
direct	-5025 Oct 27 j 04:25	8°♍06'31	
morning max el	-5025 Nov 06 j 23:47	14°♍33'53	23°55'54
	-5025 Nov 19 j 13:48	0°♎	
desc. node	-5025 Nov 25 j 13:49	8°♎32'54	
	-5025 Dec 09 j 07:01	0°♏	
morning set	-5025 Dec 12 j 10:11	5°♏16'39	
max. Earth dist.	-5025 Dec 16 j 10:50	12°♏17'32	1.38624 AU
superior conj	-5025 Dec 23 j 17:16	25°♏37'36	-1°-51'-12
minimum elong	-5025 Dec 23 j 18:27	25°♏43'15	1°51'24
	-5025 Dec 26 j 00:14	0°♐	
evening rise	-5024 Jan 01 j 16:09	12°♐59'59	
asc. node	-5024 Jan 09 j 07:11	27°♐17'51	
	-5024 Jan 10 j 21:48	0°♑	
evening max el	-5024 Jan 18 j 03:39	9°♑33'00	18°50'29
retrograde	-5024 Jan 26 j 08:23	13°♑29'44	
evening set	-5024 Jan 28 j 18:58	13°♑10'11	
inferior conj	-5024 Feb 05 j 14:34	8°♑49'31	3°36'32
minimum elong	-5024 Feb 05 j 18:31	8°♑42'18	3°35'38
min. Earth dist.	-5024 Feb 08 j 20:34	6°♑28'09	0.57734 AU
morning rise	-5024 Feb 13 j 14:25	3°♑41'39	
direct	-5024 Feb 19 j 05:03	2°♑25'37	
desc. node	-5024 Feb 21 j 13:23	2°♑38'57	
morning max el	-5024 Mar 04 j 10:19	9°♑48'58	25°53'31
	-5024 Mar 19 j 17:46	0°♒	
morning set	-5024 Apr 01 j 08:48	23°♒45'25	
	-5024 Apr 04 j 07:10	0°♓	
asc. node	-5024 Apr 06 j 06:40	4°♓17'39	
superior conj	-5024 Apr 08 j 09:47	8°♓56'42	0°21'56
minimum elong	-5024 Apr 08 j 08:51	8°♓51'31	0°21'36
max. Earth dist.	-5024 Apr 09 j 00:55	10°♓19'16	1.32793 AU
evening rise	-5024 Apr 15 j 13:24	24°♓14'23	
	-5024 Apr 18 j 09:40	0°♈	
	-5024 May 06 j 04:25	0°♉	
evening max el	-5024 May 16 j 10:17	12°♉05'51	27°00'54
desc. node	-5024 May 19 j 11:48	14°♉47'14	
retrograde	-5024 May 30 j 10:06	19°♉28'05	
evening set	-5024 Jun 06 j 05:43	17°♉22'16	
min. Earth dist.	-5024 Jun 09 j 23:47	14°♉37'17	0.61054 AU
inferior conj	-5024 Jun 13 j 05:54	11°♉47'02	-4°-11'-44
minimum elong	-5024 Jun 13 j 06:40	11°♉45'20	4°11'34
morning rise	-5024 Jun 20 j 10:36	6°♉55'58	
direct	-5024 Jun 22 j 22:54	6°♉30'13	
morning max el	-5024 Jun 29 j 23:22	9°♉57'59	18°04'13
asc. node	-5024 Jul 03 j 06:31	13°♉46'04	
	-5024 Jul 13 j 03:40	0°♊	
morning set	-5024 Jul 15 j 23:42	5°♊12'50	
superior conj	-5024 Jul 26 j 06:14	23°♊53'05	1°43'13
minimum elong	-5024 Jul 26 j 09:15	24°♊06'21	1°43'18
	-5024 Jul 29 j 18:30	0°♋	
max. Earth dist.	-5024 Aug 02 j 18:12	6°♋45'19	1.41794 AU
evening rise	-5024 Aug 08 j 20:41	16°♋43'31	
desc. node	-5024 Aug 15 j 10:38	27°♋01'51	
	-5024 Aug 17 j 09:22	0°♌	
greatest brilliancy	-5024 Sep 05 j 22:40	27°♌24'22	-0.3m
	-5024 Sep 08 j 03:21	0°♍	
evening max el	-5024 Sep 10 j 16:05	2°♍43'52	22°17'36
retrograde	-5024 Sep 20 j 03:04	8°♍20'39	
evening set	-5024 Sep 24 j 14:38	6°♍33'15	
asc. node	-5024 Sep 29 j 05:38	1°♍15'15	
inferior conj	-5024 Sep 29 j 22:59	0°♍15'30	0°14'46
minimum elong	-5024 Sep 29 j 22:38	0°♍16'42	0°14'47
transit middle	-5024 Sep 29 j 22:38	0°♍16'42	0°14'47
transit begin	-5024 Sep 29 j 21:29	0°♍20'42	
transit end	-5024 Sep 29 j 23:48	0°♍12'41	
min. Earth dist.	-5024 Sep 29 j 23:48	0°♍12'42	0.67353 AU
	-5024 Sep 30 j 03:29	30°℞♌	
morning rise	-5024 Oct 05 j 06:30	23°♌58'39	
direct	-5024 Oct 09 j 20:22	22°♌07'24	
morning max el	-5024 Oct 19 j 11:11	27°♌51'23	22°30'03
	-5024 Oct 21 j 11:18	0°♍	
greatest brilliancy	-5024 Oct 24 j 04:33	3°♍11'19	-0.3m
desc. node	-5024 Nov 11 j 10:43	28°♍44'00	
	-5024 Nov 12 j 06:44	0°♎	
morning set	-5024 Nov 21 j 21:30	15°♎07'28	
max. Earth dist.	-5024 Nov 27 j 08:48	24°♎11'48	1.40681 AU
	-5024 Nov 30 j 18:01	0°♏	
superior conj	-5024 Dec 05 j 02:57	7°♏43'40	-1°-51'-21
minimum elong	-5024 Dec 05 j 01:24	7°♏36'45	1°51'29
evening rise	-5024 Dec 15 j 03:59	26°♏19'27	
	-5024 Dec 17 j 02:59	0°♐	
asc. node	-5024 Dec 26 j 04:18	15°♐44'41	
evening max el	-5024 Dec 31 j 09:17	22°♐17'53	18°19'14
retrograde	-5023 Jan 07 j 14:59	25°♐53'58	
evening set	-5023 Jan 10 j 03:41	25°♐28'40	
inferior conj	-5023 Jan 17 j 08:30	20°♐46'14	4°03'40
minimum elong	-5023 Jan 17 j 09:32	20°♐44'04	4°03'22
min. Earth dist.	-5023 Jan 20 j 16:21	17°♐57'52	0.59660 AU
morning rise	-5023 Jan 24 j 12:20	15°♐16'17	
direct	-5023 Jan 31 j 01:39	13°♐21'29	
desc. node	-5023 Feb 07 j 10:28	15°♐34'52	
morning max el	-5023 Feb 14 j 06:15	20°♐55'54	27°01'55
	-5023 Feb 22 j 03:38	0°♑	
	-5023 Mar 12 j 11:22	0°♒	
morning set	-5023 Mar 16 j 18:45	8°♒41'11	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5023 Mar 23 j 21:34	23°♒58'42	0°-2'-38
minimum elong	-5023 Mar 23 j 21:41	23°♒59'24	0°02'48
behind sun begin	-5023 Mar 23 j 16:45	23°♒32'23	
behind sun end	-5023 Mar 24 j 02:37	24°♒26'25	
max. Earth dist.	-5023 Mar 23 j 14:36	23°♒20'39	1.32616 AU
asc. node	-5023 Mar 24 j 03:40	24°♒32'04	
	-5023 Mar 26 j 15:43	0°♓	
evening rise	-5023 Mar 30 j 22:20	9°♓08'57	
	-5023 Apr 10 j 20:04	0°♈	
evening max el	-5023 Apr 28 j 09:41	23°♈45'05	26°05'18
desc. node	-5023 May 06 j 08:58	29°♈32'57	
	-5023 May 07 j 09:47	0°♉	
retrograde	-5023 May 12 j 11:51	1°♉02'08	
	-5023 May 17 j 12:10	30°℞♈	
evening set	-5023 May 18 j 12:33	29°♈32'48	
min. Earth dist.	-5023 May 22 j 22:21	26°♈49'28	0.59020 AU
inferior conj	-5023 May 26 j 07:04	24°♈17'02	-4°-3'-46
minimum elong	-5023 May 26 j 04:44	24°♈21'30	4°03'30
morning rise	-5023 Jun 03 j 00:45	19°♈48'08	
direct	-5023 Jun 05 j 11:59	19°♈27'19	
morning max el	-5023 Jun 13 j 08:02	23°♈11'02	18°30'44
	-5023 Jun 18 j 20:44	0°♉	
asc. node	-5023 Jun 20 j 03:31	1°♉58'29	
morning set	-5023 Jun 29 j 11:48	18°♉50'37	
	-5023 Jul 05 j 07:21	0°♊	
superior conj	-5023 Jul 08 j 15:12	6°♊15'07	1°49'29
minimum elong	-5023 Jul 08 j 15:27	6°♊16'16	1°49'43
max. Earth dist.	-5023 Jul 15 j 21:45	19°♊20'40	1.39914 AU
evening rise	-5023 Jul 20 j 07:40	26°♊52'56	
	-5023 Jul 22 j 04:44	0°♋	
desc. node	-5023 Aug 02 j 07:39	17°♋28'10	
	-5023 Aug 11 j 00:39	0°♌	
evening max el	-5023 Aug 24 j 05:11	16°♌08'53	23°38'20
retrograde	-5023 Sep 03 j 19:20	22°♌24'24	
evening set	-5023 Sep 08 j 21:22	20°♌16'49	
inferior conj	-5023 Sep 14 j 05:26	13°♌56'41	0°-38'-22
minimum elong	-5023 Sep 14 j 06:19	13°♌53'41	0°37'49
min. Earth dist.	-5023 Sep 13 j 19:58	14°♌29'06	0.67340 AU
asc. node	-5023 Sep 16 j 02:47	11°♌25'20	
morning rise	-5023 Sep 19 j 15:24	7°♌44'07	
direct	-5023 Sep 23 j 15:43	6°♌13'34	
morning max el	-5023 Oct 02 j 04:10	11°♌15'21	21°09'25
greatest brilliancy	-5023 Oct 07 j 16:50	17°♌43'16	-0.5m
	-5023 Oct 16 j 13:47	0°♍	
desc. node	-5023 Oct 29 j 07:37	19°♍09'16	
morning set	-5023 Nov 01 j 06:45	23°♍46'03	
	-5023 Nov 05 j 05:23	0°♎	
max. Earth dist.	-5023 Nov 09 j 13:07	6°♎58'36	1.42531 AU
superior conj	-5023 Nov 16 j 13:26	18°♎40'11	-1°-38'-18
minimum elong	-5023 Nov 16 j 08:28	18°♎19'01	1°38'01
	-5023 Nov 23 j 02:01	0°♏	
evening rise	-5023 Nov 28 j 02:27	8°♏57'41	
	-5023 Dec 10 j 11:34	0°♐	
asc. node	-5023 Dec 13 j 01:27	3°♐25'13	
evening max el	-5023 Dec 14 j 19:50	5°♐22'04	18°07'53
retrograde	-5023 Dec 21 j 13:00	8°♐51'01	
evening set	-5023 Dec 24 j 04:01	8°♐19'03	
inferior conj	-5023 Dec 30 j 20:32	3°♐14'48	4°02'27
minimum elong	-5023 Dec 30 j 19:03	3°♐18'26	4°02'07
min. Earth dist.	-5022 Jan 02 j 19:40	0°♐22'25	0.61629 AU
	-5022 Jan 03 j 05:22	30°℞♏	
morning rise	-5022 Jan 06 j 07:47	27°♏28'40	
direct	-5022 Jan 13 j 08:11	25°♏01'20	
	-5022 Jan 24 j 08:44	0°♐	
desc. node	-5022 Jan 25 j 07:32	0°♐48'31	
morning max el	-5022 Jan 27 j 08:36	2°♐42'18	27°37'22
	-5022 Feb 16 j 11:56	0°♑	
morning set	-5022 Mar 01 j 00:42	23°♑22'13	
	-5022 Mar 04 j 05:03	0°♒	
max. Earth dist.	-5022 Mar 07 j 02:30	6°♒12'24	1.32775 AU
superior conj	-5022 Mar 08 j 08:32	8°♒55'18	0°-27'-23
minimum elong	-5022 Mar 08 j 09:44	9°♒01'54	0°27'22
asc. node	-5022 Mar 11 j 00:40	14°♒44'28	
evening rise	-5022 Mar 15 j 09:27	24°♒06'48	
	-5022 Mar 18 j 05:55	0°♓	
	-5022 Apr 05 j 16:51	0°♈	
evening max el	-5022 Apr 10 j 03:27	4°♈47'01	24°44'55
desc. node	-5022 Apr 23 j 06:09	11°♈50'02	
retrograde	-5022 Apr 24 j 03:09	11°♈51'49	
evening set	-5022 Apr 28 j 22:36	10°♈59'01	
min. Earth dist.	-5022 May 04 j 15:38	8°♈01'32	0.57140 AU
inferior conj	-5022 May 07 j 12:41	6°♈08'17	-3°-23'-7
minimum elong	-5022 May 07 j 07:31	6°♈16'49	3°22'04
morning rise	-5022 May 15 j 20:40	1°♈58'54	
direct	-5022 May 18 j 06:56	1°♈42'08	
morning max el	-5022 May 27 j 09:29	5°♈56'44	19°17'31
asc. node	-5022 Jun 07 j 00:32	20°♈50'19	
	-5022 Jun 11 j 21:09	0°♉	
morning set	-5022 Jun 13 j 09:42	3°♉00'21	
superior conj	-5022 Jun 21 j 17:48	19°♉32'17	1°45'40
minimum elong	-5022 Jun 21 j 16:09	19°♉24'15	1°45'48
	-5022 Jun 27 j 06:03	0°♊	
max. Earth dist.	-5022 Jun 27 j 23:06	1°♊18'26	1.37983 AU
evening rise	-5022 Jul 01 j 21:06	8°♊20'58	
	-5022 Jul 15 j 01:17	0°♋	
desc. node	-5022 Jul 20 j 04:41	7°♋39'32	
evening max el	-5022 Aug 06 j 15:50	29°♋36'42	24°57'16
	-5022 Aug 07 j 01:21	0°♌	
retrograde	-5022 Aug 18 j 07:46	6°♌25'07	
evening set	-5022 Aug 24 j 00:54	3°♌58'47	
	-5022 Aug 27 j 15:42	30°℞♋	
min. Earth dist.	-5022 Aug 28 j 14:10	28°♋46'50	0.67021 AU
inferior conj	-5022 Aug 29 j 10:26	27°♋39'41	-1°-30'-25
minimum elong	-5022 Aug 29 j 12:29	27°♋32'55	1°29'24
asc. node	-5022 Sep 02 j 23:54	22°♋22'14	
morning rise	-5022 Sep 04 j 00:28	21°♋34'28	
direct	-5022 Sep 07 j 13:18	20°♋22'08	
morning max el	-5022 Sep 15 j 04:13	24°♋47'38	19°59'30
	-5022 Sep 19 j 14:45	0°♌	
greatest brilliancy	-5022 Sep 22 j 16:29	4°♌08'22	-0.6m
	-5022 Oct 09 j 22:19	0°♍	
morning set	-5022 Oct 11 j 05:33	2°♍00'55	
desc. node	-5022 Oct 16 j 04:31	9°♍44'15	
max. Earth dist.	-5022 Oct 23 j 00:04	20°♍30'14	1.43923 AU
superior conj	-5022 Oct 27 j 20:29	28°♍18'43	-1°-9'-13
minimum elong	-5022 Oct 27 j 13:53	27°♍51'56	1°08'29
	-5022 Oct 28 j 21:23	0°♎	
evening rise	-5022 Nov 10 j 07:02	20°♎45'23	
	-5022 Nov 15 j 16:53	0°♏	
evening max el	-5022 Nov 28 j 08:34	18°♏39'10	18°15'46
asc. node	-5022 Nov 29 j 22:35	20°♏06'17	
retrograde	-5022 Dec 04 j 22:01	22°♏12'01	
evening set	-5022 Dec 07 j 16:28	21°♏31'58	
inferior conj	-5022 Dec 13 j 23:01	16°♏07'38	3°41'36
minimum elong	-5022 Dec 13 j 20:07	16°♏15'32	3°40'54
min. Earth dist.	-5022 Dec 16 j 08:35	13°♏30'46	0.63411 AU
morning rise	-5022 Dec 19 j 22:07	10°♏09'36	
direct	-5022 Dec 26 j 22:56	7°♏23'33	
morning max el	-5021 Jan 09 j 15:47	15°♏06'10	27°36'40

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-5021 Jan 12 j 04:35	17°♏44'15	
	-5021 Jan 21 j 22:01	0°♐	
	-5021 Feb 09 j 01:35	0°♑	
morning set	-5021 Feb 13 j 00:14	7°♑40'14	
max. Earth dist.	-5021 Feb 18 j 08:39	18°♑40'58	1.33309 AU
superior conj	-5021 Feb 20 j 16:58	23°♑40'41	0°-51'-26
minimum elong	-5021 Feb 20 j 19:08	23°♑52'21	0°51'18
	-5021 Feb 23 j 15:29	0°♒	
asc. node	-5021 Feb 25 j 21:41	4°♒50'57	
evening rise	-5021 Feb 27 j 21:00	9°♒01'41	
	-5021 Mar 10 j 22:23	0°♓	
evening max el	-5021 Mar 22 j 19:46	15°♓31'42	23°11'57
retrograde	-5021 Apr 05 j 05:41	22°♓08'08	
evening set	-5021 Apr 08 j 18:25	21°♓40'52	
desc. node	-5021 Apr 10 j 03:22	21°♓16'22	
min. Earth dist.	-5021 Apr 16 j 06:46	18°♓17'26	0.55772 AU
inferior conj	-5021 Apr 17 j 22:53	17°♓18'29	-2°-3'-31
minimum elong	-5021 Apr 17 j 17:56	17°♓25'47	2°02'07
morning rise	-5021 Apr 26 j 20:29	13°♓19'54	
direct	-5021 Apr 29 j 07:41	13°♓05'06	
morning max el	-5021 May 10 j 01:06	18°♓05'18	20°24'22
	-5021 May 19 j 05:24	0°♈	
asc. node	-5021 May 24 j 21:30	10°♈11'26	
morning set	-5021 May 28 j 14:24	17°♈33'37	
	-5021 Jun 03 j 15:51	0°♉	
superior conj	-5021 Jun 05 j 09:00	3°♉29'27	1°34'32
minimum elong	-5021 Jun 05 j 06:26	3°♉16'24	1°34'26
max. Earth dist.	-5021 Jun 10 j 04:43	13°♉03'09	1.36237 AU
evening rise	-5021 Jun 14 j 08:54	20°♉57'02	
	-5021 Jun 19 j 10:06	0°♊	
desc. node	-5021 Jul 07 j 01:46	27°♊28'43	
	-5021 Jul 08 j 22:28	0°♋	
evening max el	-5021 Jul 20 j 02:30	13°♋06'46	26°06'28
retrograde	-5021 Aug 01 j 15:34	20°♋17'12	
evening set	-5021 Aug 07 j 23:11	17°♋36'34	
min. Earth dist.	-5021 Aug 12 j 03:59	13°♋02'52	0.66370 AU
inferior conj	-5021 Aug 13 j 12:08	11°♋21'51	-2°-19'-39
minimum elong	-5021 Aug 13 j 15:08	11°♋12'25	2°18'22
morning rise	-5021 Aug 19 j 07:50	5°♋27'18	
asc. node	-5021 Aug 20 j 21:01	4°♋44'48	
direct	-5021 Aug 22 j 11:31	4°♋30'01	
morning max el	-5021 Aug 29 j 10:53	8°♋27'02	19°03'44
	-5021 Sep 13 j 18:14	0°♌	
morning set	-5021 Sep 20 j 16:48	10°♌56'21	
	-5021 Oct 02 j 19:03	0°♍	
desc. node	-5021 Oct 03 j 01:22	0°♍24'53	
max. Earth dist.	-5021 Oct 05 j 15:57	4°♍31'38	1.44682 AU
superior conj	-5021 Oct 07 j 03:23	6°♍51'35	0°-25'-29
minimum elong	-5021 Oct 07 j 00:08	6°♍38'43	0°24'58
	-5021 Oct 21 j 14:11	0°♎	
evening rise	-5021 Oct 22 j 12:51	1°♎32'12	
	-5021 Nov 10 j 00:44	0°♏	
evening max el	-5021 Nov 11 j 20:42	2°♏03'12	18°41'53
asc. node	-5021 Nov 16 j 19:44	5°♏32'21	
retrograde	-5021 Nov 18 j 14:04	5°♏49'31	
evening set	-5021 Nov 21 j 13:40	4°♏59'19	
	-5021 Nov 26 j 21:59	30°℞♎	
inferior conj	-5021 Nov 27 j 12:16	29°♎17'26	3°07'39
minimum elong	-5021 Nov 27 j 08:59	29°♎27'13	3°06'39
min. Earth dist.	-5021 Nov 29 j 07:18	27°♎08'41	0.64875 AU
morning rise	-5021 Dec 03 j 03:09	23°♎10'31	
direct	-5021 Dec 09 j 20:20	20°♎21'00	
morning max el	-5021 Dec 23 j 01:09	27°♎57'17	27°02'51
	-5021 Dec 25 j 00:35	0°♏	

desc. node	-5021 Dec 30 j 01:35	5°♏52'22	
	-5020 Jan 15 j 14:54	0°♐	
morning set	-5020 Jan 27 j 14:12	21°♐25'09	
	-5020 Jan 31 j 22:13	0°♑	
max. Earth dist.	-5020 Feb 01 j 05:33	0°♑37'14	1.34263 AU
superior conj	-5020 Feb 04 j 20:53	8°♑08'22	-1°-13'-40
minimum elong	-5020 Feb 04 j 23:44	8°♑23'13	1°13'32
evening rise	-5020 Feb 12 j 07:15	23°♑47'47	
asc. node	-5020 Feb 12 j 18:42	24°♑47'09	
	-5020 Feb 15 j 08:10	0°♒	
evening max el	-5020 Mar 03 j 16:43	26°♒25'58	21°40'09
	-5020 Mar 08 j 06:48	0°♓	
retrograde	-5020 Mar 15 j 21:18	2°♓17'08	
evening set	-5020 Mar 18 j 13:34	2°♓01'03	
	-5020 Mar 24 j 02:59	30°℞♒	
desc. node	-5020 Mar 27 j 00:34	28°♒26'58	
inferior conj	-5020 Mar 27 j 20:15	27°♒59'18	0°-13'-32
minimum elong	-5020 Mar 27 j 19:37	28°♒00'12	0°13'29
transit middle	-5020 Mar 27 j 19:37	28°♒00'12	0°13'29
transit begin	-5020 Mar 27 j 17:28	28°♒03'13	
transit end	-5020 Mar 27 j 21:46	27°♒57'10	
min. Earth dist.	-5020 Mar 27 j 21:04	27°♒58'09	0.55212 AU
morning rise	-5020 Apr 06 j 01:59	23°♒56'50	
direct	-5020 Apr 08 j 21:29	23°♒39'17	
morning max el	-5020 Apr 21 j 05:44	29°♒32'22	21°49'06
	-5020 Apr 21 j 17:17	0°♓	
asc. node	-5020 May 10 j 18:28	29°♓54'24	
	-5020 May 10 j 19:34	0°♈	
morning set	-5020 May 11 j 23:32	2°♈23'50	
superior conj	-5020 May 19 j 09:03	17°♈55'38	1°18'11
minimum elong	-5020 May 19 j 06:20	17°♈41'25	1°17'52
max. Earth dist.	-5020 May 22 j 19:46	25°♈02'15	1.34814 AU
	-5020 May 25 j 07:07	0°♉	
evening rise	-5020 May 27 j 13:34	4°♉25'47	
	-5020 Jun 11 j 05:00	0°♊	
desc. node	-5020 Jun 22 j 22:52	16°♊46'06	
evening max el	-5020 Jul 01 j 13:55	26°♊32'48	26°57'35
	-5020 Jul 05 j 12:59	0°♋	
retrograde	-5020 Jul 14 j 18:08	3°♋54'14	
evening set	-5020 Jul 21 j 13:46	1°♋07'07	
	-5020 Jul 22 j 19:52	30°℞♊	
min. Earth dist.	-5020 Jul 25 j 10:59	27°♊12'18	0.65354 AU
inferior conj	-5020 Jul 27 j 08:28	24°♊59'50	-3°-3'-59
minimum elong	-5020 Jul 27 j 11:59	24°♊49'33	3°02'44
morning rise	-5020 Aug 02 j 11:22	19°♊19'24	
direct	-5020 Aug 05 j 08:14	18°♊34'01	
asc. node	-5020 Aug 06 j 18:05	18°♊44'53	
morning max el	-5020 Aug 11 j 22:35	22°♊11'02	18°24'08
	-5020 Aug 18 j 01:27	0°♋	
morning set	-5020 Aug 31 j 05:47	21°♋07'27	
	-5020 Sep 05 j 16:22	0°♌	
superior conj	-5020 Sep 15 j 03:07	15°♌08'16	0°23'44
minimum elong	-5020 Sep 15 j 06:07	15°♌20'07	0°23'34
max. Earth dist.	-5020 Sep 17 j 10:09	18°♌45'58	1.44722 AU
desc. node	-5020 Sep 18 j 22:14	21°♌08'15	
	-5020 Sep 24 j 13:31	0°♍	
evening rise	-5020 Oct 01 j 17:25	11°♍13'57	
	-5020 Oct 13 j 18:49	0°♎	
greatest brilliancy	-5020 Oct 15 j 17:18	2°♎55'13	-0.7m
evening max el	-5020 Oct 25 j 05:43	15°♎29'40	19°24'47
retrograde	-5020 Nov 01 j 09:55	19°♎38'08	
asc. node	-5020 Nov 02 j 16:53	19°♎28'30	
evening set	-5020 Nov 04 j 16:45	18°♎35'16	
inferior conj	-5020 Nov 10 j 09:12	12°♎38'49	2°25'00

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5020 Nov 10 j 06:17	12°♎48'12	2°23'59
min. Earth dist.	-5020 Nov 11 j 14:41	11°♎04'13	0.65989 AU
morning rise	-5020 Nov 15 j 19:02	6°♎25'25	
direct	-5020 Nov 21 j 23:32	3°♎44'48	
morning max el	-5020 Dec 04 j 10:38	11°♎03'56	26°02'35
desc. node	-5020 Dec 15 j 22:30	24°♎50'53	
	-5020 Dec 19 j 15:03	0°♏	
	-5019 Jan 07 j 04:44	0°♐	
morning set	-5019 Jan 09 j 14:21	4°♐22'59	
max. Earth dist.	-5019 Jan 13 j 14:59	12°♐00'23	1.35666 AU
superior conj	-5019 Jan 18 j 17:46	22°♐09'23	-1°-32'-41
minimum elong	-5019 Jan 18 j 20:43	22°♐24'19	1°32'40
	-5019 Jan 22 j 13:38	0°♑	
evening rise	-5019 Jan 26 j 14:16	8°♑17'44	
asc. node	-5019 Jan 29 j 15:44	14°♑27'12	
	-5019 Feb 07 j 12:42	0°♒	
evening max el	-5019 Feb 13 j 22:35	7°♒47'54	20°20'00
retrograde	-5019 Feb 24 j 11:59	12°♒48'03	
evening set	-5019 Feb 26 j 20:59	12°♒33'57	
inferior conj	-5019 Mar 07 j 17:37	8°♒35'13	1°39'01
minimum elong	-5019 Mar 07 j 21:40	8°♒29'13	1°37'30
min. Earth dist.	-5019 Mar 09 j 11:00	7°♒33'59	0.55575 AU
desc. node	-5019 Mar 13 j 21:44	5°♒14'04	
morning rise	-5019 Mar 16 j 20:04	4°♒12'07	
direct	-5019 Mar 20 j 11:55	3°♒42'52	
morning max el	-5019 Apr 03 j 01:00	10°♒23'10	23°25'52
	-5019 Apr 17 j 11:24	0°♓	
morning set	-5019 Apr 26 j 11:08	17°♓23'38	
asc. node	-5019 Apr 27 j 15:24	19°♓52'17	
	-5019 May 02 j 08:59	0°♈	
superior conj	-5019 May 03 j 15:00	2°♈40'52	0°58'09
minimum elong	-5019 May 03 j 12:42	2°♈28'34	0°57'44
max. Earth dist.	-5019 May 05 j 20:39	7°♈25'59	1.33751 AU
evening rise	-5019 May 11 j 06:17	18°♈31'59	
	-5019 May 17 j 06:19	0°♉	
	-5019 Jun 05 j 11:16	0°♊	
desc. node	-5019 Jun 09 j 20:02	5°♊17'47	
evening max el	-5019 Jun 14 j 00:41	9°♊42'35	27°23'25
retrograde	-5019 Jun 27 j 15:04	17°♊07'48	
evening set	-5019 Jul 04 j 17:37	14°♊25'33	
min. Earth dist.	-5019 Jul 08 j 09:11	11°♊06'16	0.63944 AU
inferior conj	-5019 Jul 10 j 20:53	8°♊28'27	-3°-40'-36
minimum elong	-5019 Jul 11 j 00:13	8°♊19'34	3°39'43
morning rise	-5019 Jul 17 j 08:34	3°♊05'24	
direct	-5019 Jul 20 j 00:43	2°♊29'17	
asc. node	-5019 Jul 24 j 15:07	4°♊14'55	
morning max el	-5019 Jul 26 j 12:57	5°♊55'04	18°01'58
	-5019 Aug 11 j 09:22	0°♋	
morning set	-5019 Aug 12 j 21:02	2°♋33'21	
superior conj	-5019 Aug 25 j 18:15	24°♋13'01	1°05'53
minimum elong	-5019 Aug 26 j 00:14	24°♋37'25	1°05'29
	-5019 Aug 29 j 07:51	0°♌	
max. Earth dist.	-5019 Aug 31 j 02:55	2°♌52'41	1.44040 AU
desc. node	-5019 Sep 05 j 19:09	11°♌51'35	
evening rise	-5019 Sep 11 j 01:44	20°♌04'09	
	-5019 Sep 17 j 13:07	0°♍	
greatest brilliancy	-5019 Oct 01 j 20:53	20°♍58'59	-0.6m
evening max el	-5019 Oct 08 j 09:37	28°♍56'07	20°22'43
	-5019 Oct 09 j 11:33	0°♎	
retrograde	-5019 Oct 16 j 07:08	3°♎34'48	
evening set	-5019 Oct 19 j 23:21	2°♎16'36	
asc. node	-5019 Oct 20 j 14:01	1°♎48'23	
	-5019 Oct 22 j 10:17	30°℞♍	
inferior conj	-5019 Oct 25 j 11:22	26°♍08'59	1°36'48
minimum elong	-5019 Oct 25 j 09:16	26°♍16'05	1°36'02
min. Earth dist.	-5019 Oct 26 j 04:51	25°♍10'11	0.66762 AU
morning rise	-5019 Oct 30 j 18:40	19°♍51'44	
direct	-5019 Nov 05 j 08:10	17°♍27'46	
morning max el	-5019 Nov 16 j 19:34	24°♍17'31	24°44'50
	-5019 Nov 21 j 22:56	0°♎	
desc. node	-5019 Dec 02 j 19:24	14°♎25'23	
	-5019 Dec 13 j 01:50	0°♏	
morning set	-5019 Dec 22 j 19:22	16°♏19'19	
max. Earth dist.	-5019 Dec 26 j 14:38	23°♏09'11	1.37467 AU
	-5019 Dec 30 j 06:46	0°♐	
superior conj	-5018 Jan 02 j 04:28	5°♐34'59	-1°-46'-33
minimum elong	-5018 Jan 02 j 06:39	5°♐45'33	1°46'41
evening rise	-5018 Jan 10 j 15:58	22°♐25'42	
	-5018 Jan 14 j 12:43	0°♑	
asc. node	-5018 Jan 16 j 12:47	3°♑45'06	
evening max el	-5018 Jan 27 j 14:51	19°♑45'09	19°17'27
retrograde	-5018 Feb 05 j 14:10	24°♑01'24	
evening set	-5018 Feb 07 j 23:18	23°♑44'40	
inferior conj	-5018 Feb 16 j 04:13	19°♑34'28	3°04'35
minimum elong	-5018 Feb 16 j 09:15	19°♑26'01	3°03'11
min. Earth dist.	-5018 Feb 19 j 01:47	17°♑38'18	0.56770 AU
morning rise	-5018 Feb 24 j 15:32	14°♑41'50	
desc. node	-5018 Feb 28 j 18:52	13°♑48'04	
direct	-5018 Mar 01 j 12:49	13°♑46'45	
morning max el	-5018 Mar 15 j 16:05	20°♑59'25	25°03'10
	-5018 Mar 23 j 10:30	0°♒	
	-5018 Apr 09 j 19:13	0°♓	
morning set	-5018 Apr 10 j 23:26	2°♓26'57	
asc. node	-5018 Apr 14 j 12:21	10°♓00'09	
superior conj	-5018 Apr 18 j 00:40	17°♓37'56	0°35'38
minimum elong	-5018 Apr 17 j 23:09	17°♓29'44	0°35'14
max. Earth dist.	-5018 Apr 19 j 05:05	20°♓11'57	1.33042 AU
	-5018 Apr 23 j 19:40	0°♈	
evening rise	-5018 Apr 25 j 07:25	3°♈04'16	
	-5018 May 10 j 02:17	0°♉	
evening max el	-5018 May 27 j 08:35	22°♉23'46	27°18'32
desc. node	-5018 May 27 j 17:14	22°♉44'18	
retrograde	-5018 Jun 10 j 05:50	29°♉48'39	
evening set	-5018 Jun 17 j 07:03	27°♉25'20	
min. Earth dist.	-5018 Jun 20 j 21:36	24°♉32'08	0.62179 AU
inferior conj	-5018 Jun 23 j 22:23	21°♉40'59	-4°-5'-19
minimum elong	-5018 Jun 24 j 00:29	21°♉36'03	4°04'56
morning rise	-5018 Jun 30 j 20:27	16°♉37'59	
direct	-5018 Jul 03 j 09:41	16°♉09'00	
morning max el	-5018 Jul 10 j 03:22	19°♉33'06	17°57'59
asc. node	-5018 Jul 11 j 12:09	20°♉59'54	
	-5018 Jul 17 j 20:11	0°♊	
morning set	-5018 Jul 26 j 09:41	15°♊00'18	
	-5018 Aug 03 j 19:58	0°♋	
superior conj	-5018 Aug 06 j 12:15	4°♋37'37	1°33'50
minimum elong	-5018 Aug 06 j 16:53	4°♋57'28	1°33'45
max. Earth dist.	-5018 Aug 13 j 14:52	16°♋31'37	1.42741 AU
evening rise	-5018 Aug 21 j 06:05	28°♋45'01	
	-5018 Aug 22 j 01:14	0°♌	
desc. node	-5018 Aug 23 j 16:07	2°♌31'14	
	-5018 Sep 11 j 07:13	0°♍	
greatest brilliancy	-5018 Sep 16 j 05:50	6°♍31'40	-0.4m
evening max el	-5018 Sep 21 j 07:13	12°♍20'52	21°33'05
retrograde	-5018 Sep 30 j 03:35	17°♍35'57	
evening set	-5018 Oct 04 j 07:25	15°♍59'54	
asc. node	-5018 Oct 07 j 11:10	12°♍43'16	
inferior conj	-5018 Oct 09 j 16:39	9°♍44'43	0°45'16
minimum elong	-5018 Oct 09 j 15:37	9°♍48'17	0°44'57

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

min. Earth dist.	-5018 Oct 09 j 23:22	9°♍21'34	0.67219 AU	
morning rise	-5018 Oct 14 j 23:31	3°♍26'36		
direct	-5018 Oct 19 j 21:44	1°♍23'06		
morning max el	-5018 Oct 30 j 05:13	7°♍33'02	23°19'12	
greatest brilliancy	-5018 Nov 04 j 17:00	13°♍45'57	-0.3m	
	-5018 Nov 16 j 16:17	0°♎		
desc. node	-5018 Nov 19 j 16:17	4°♎25'01		
morning set	-5018 Dec 03 j 23:07	26°♎58'16		
	-5018 Dec 05 j 18:17	0°♏		
max. Earth dist.	-5018 Dec 08 j 10:31	4°♏35'43	1.39503 AU	
superior conj	-5018 Dec 16 j 00:45	18°♏13'28	-1°-52'-39	
minimum elong	-5018 Dec 16 j 00:56	18°♏14'20	1°52'51	
	-5018 Dec 22 j 06:06	0°♐		
evening rise	-5018 Dec 25 j 09:44	6°♐04'26		
asc. node	-5017 Jan 03 j 09:53	22°♐33'01		
	-5017 Jan 08 j 14:31	0°♑		
evening max el	-5017 Jan 10 j 16:20	2°♑14'41	18°34'43	
retrograde	-5017 Jan 18 j 10:05	6°♑00'54		
evening set	-5017 Jan 20 j 21:26	5°♑39'10		
inferior conj	-5017 Jan 28 j 10:31	1°♑09'46	3°52'06	
minimum elong	-5017 Jan 28 j 13:16	1°♑04'23	3°51'32	
	-5017 Jan 29 j 22:05	30°℞♐		
min. Earth dist.	-5017 Jan 31 j 19:08	28°♐33'44	0.58527 AU	
morning rise	-5017 Feb 05 j 01:34	25°♐51'18		
direct	-5017 Feb 11 j 03:06	24°♐18'30		
desc. node	-5017 Feb 15 j 15:59	25°♐09'02		
	-5017 Feb 23 j 09:38	0°♑		
morning max el	-5017 Feb 25 j 08:57	1°♑48'25	26°26'07	
	-5017 Mar 17 j 11:47	0°♒		
morning set	-5017 Mar 26 j 10:46	17°♒27'30		
asc. node	-5017 Apr 01 j 09:20	0°♓13'33		
	-5017 Apr 01 j 06:51	0°♓		
superior conj	-5017 Apr 02 j 12:10	2°♓40'17	0°11'35	
minimum elong	-5017 Apr 02 j 11:40	2°♓37'32	0°11'20	
behind sun begin	-5017 Apr 02 j 08:11	2°♓18'25		
behind sun end	-5017 Apr 02 j 15:10	2°♓56'38		
max. Earth dist.	-5017 Apr 02 j 17:48	3°♓11'03	1.32670 AU	
evening rise	-5017 Apr 09 j 14:10	17°♓53'20		
	-5017 Apr 15 j 16:28	0°♈		
	-5017 May 05 j 06:24	0°♉		
evening max el	-5017 May 09 j 11:35	4°♉27'34	26°40'57	
desc. node	-5017 May 14 j 14:25	8°♉38'57		
retrograde	-5017 May 23 j 13:14	11°♉48'52		
evening set	-5017 May 30 j 02:03	9°♉57'49		
min. Earth dist.	-5017 Jun 03 j 00:59	7°♉15'29	0.60181 AU	
inferior conj	-5017 Jun 06 j 09:34	4°♉29'52	-4°-11'-47	
minimum elong	-5017 Jun 06 j 09:07	4°♉30'48	4°11'40	
	-5017 Jun 13 j 05:55	30°℞♈		
morning rise	-5017 Jun 13 j 19:36	29°♈48'21		
direct	-5017 Jun 16 j 07:13	29°♈24'57		
	-5017 Jun 19 j 06:23	0°♉		
morning max el	-5017 Jun 23 j 15:00	2°♉58'15	18°13'04	
asc. node	-5017 Jun 28 j 09:10	8°♉44'51		
morning set	-5017 Jul 09 j 14:36	28°♉15'54		
	-5017 Jul 10 j 12:44	0°♊		
superior conj	-5017 Jul 19 j 08:30	16°♊21'03	1°47'17	
minimum elong	-5017 Jul 19 j 10:17	16°♊29'02	1°47'29	
max. Earth dist.	-5017 Jul 26 j 20:55	29°♊30'43	1.41013 AU	
	-5017 Jul 27 j 03:50	0°♋		
evening rise	-5017 Aug 01 j 02:36	8°♋13'02		
desc. node	-5017 Aug 10 j 13:08	23°♋03'52		
	-5017 Aug 15 j 04:27	0°♌		
greatest brilliancy	-5017 Aug 29 j 23:58	20°♌12'22	-0.3m	
evening max el	-5017 Sep 03 j 23:00	25°♌45'37	22°51'43	
	-5017 Sep 09 j 00:32	0°♍		
retrograde	-5017 Sep 13 j 21:43	1°♍39'31		
	-5017 Sep 18 j 07:03	30°℞♌		
evening set	-5017 Sep 18 j 15:09	29°♌43'47		
inferior conj	-5017 Sep 23 j 23:11	23°♌24'36	0°-7'-45	
minimum elong	-5017 Sep 23 j 23:22	23°♌24'00	0°07'32	
transit middle	-5017 Sep 23 j 23:22	23°♌24'00	0°07'32	
transit begin	-5017 Sep 23 j 20:58	23°♌32'16		
transit end	-5017 Sep 24 j 01:45	23°♌15'44		
min. Earth dist.	-5017 Sep 23 j 19:43	23°♌36'35	0.67383 AU	
asc. node	-5017 Sep 24 j 08:19	22°♌53'07		
morning rise	-5017 Sep 29 j 07:30	17°♌08'54		
direct	-5017 Oct 03 j 15:25	15°♌26'30		
morning max el	-5017 Oct 12 j 18:35	20°♌52'25	21°54'38	
greatest brilliancy	-5017 Oct 17 j 16:21	26°♌28'46	-0.4m	
	-5017 Oct 20 j 10:15	0°♍		
desc. node	-5017 Nov 06 j 13:10	24°♍42'33		
	-5017 Nov 09 j 23:22	0°♎		
morning set	-5017 Nov 13 j 22:22	6°♎14'42		
max. Earth dist.	-5017 Nov 20 j 10:15	16°♎49'38	1.41511 AU	
superior conj	-5017 Nov 28 j 01:17	29°♎51'43	-1°-47'-39	
minimum elong	-5017 Nov 27 j 22:17	29°♎38'32	1°47'38	
	-5017 Nov 28 j 03:10	0°♏		
evening rise	-5017 Dec 08 j 16:22	19°♏07'03		
	-5017 Dec 14 j 15:39	0°♐		
asc. node	-5017 Dec 21 j 07:00	10°♐41'40		
evening max el	-5017 Dec 25 j 00:30	15°♐09'09	18°12'03	
retrograde	-5017 Dec 31 j 23:32	18°♐40'17		
evening set	-5016 Jan 03 j 13:13	18°♐12'14		
inferior conj	-5016 Jan 10 j 12:32	13°♐20'41	4°06'03	
minimum elong	-5016 Jan 10 j 12:22	13°♐21'03	4°05'47	
min. Earth dist.	-5016 Jan 13 j 17:46	10°♐27'42	0.60513 AU	
morning rise	-5016 Jan 17 j 08:48	7°♐43'26		
direct	-5016 Jan 24 j 04:32	5°♐33'05		
desc. node	-5016 Feb 02 j 13:04	9°♐07'49		
morning max el	-5016 Feb 07 j 07:23	13°♐10'47	27°21'18	
	-5016 Feb 20 j 17:49	0°♑		
	-5016 Mar 08 j 16:24	0°♒		
morning set	-5016 Mar 09 j 19:16	2°♒17'48		
superior conj	-5016 Mar 16 j 23:48	17°♒40'56	0°-13'-9	
minimum elong	-5016 Mar 17 j 00:24	17°♒44'10	0°13'14	
behind sun begin	-5016 Mar 16 j 21:38	17°♒29'06		
behind sun end	-5016 Mar 17 j 03:09	17°♒59'14		
max. Earth dist.	-5016 Mar 16 j 07:04	16°♒09'34	1.32638 AU	
asc. node	-5016 Mar 18 j 06:19	20°♒27'41		
	-5016 Mar 22 j 16:02	0°♓		
evening rise	-5016 Mar 24 j 00:15	2°♓50'24		
	-5016 Apr 07 j 19:01	0°♈		
evening max el	-5016 Apr 20 j 08:34	15°♈50'27	25°33'40	
desc. node	-5016 Apr 30 j 11:38	22°♈26'03		
retrograde	-5016 May 04 j 10:46	23°♈03'12		
evening set	-5016 May 09 j 23:45	21°♈50'28		
min. Earth dist.	-5016 May 14 j 21:10	19°♈02'35	0.58178 AU	
inferior conj	-5016 May 18 j 02:44	16°♈44'43	-3°-51'-7	
minimum elong	-5016 May 17 j 23:01	16°♈51'23	3°50'35	
morning rise	-5016 May 26 j 02:20	12°♈24'19		
direct	-5016 May 28 j 13:06	12°♈05'21		
morning max el	-5016 Jun 05 j 20:53	16°♈00'40	18°48'04	
asc. node	-5016 Jun 14 j 06:11	27°♈15'27		
	-5016 Jun 15 j 20:22	0°♉		
morning set	-5016 Jun 22 j 07:18	12°♉08'29		
superior conj	-5016 Jul 01 j 01:37	29°♉08'04	1°48'55	
minimum elong	-5016 Jul 01 j 00:56	29°♉04'51	1°49'08	
	-5016 Jul 01 j 12:36	0°♊		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-5016 Jul 07 j 22:58	11°♊48'23	1.39088 AU
evening rise	-5016 Jul 12 j 01:05	18°♊56'27	
	-5016 Jul 18 j 17:19	0°♋	
desc. node	-5016 Jul 27 j 10:11	13°♋24'33	
	-5016 Aug 08 j 10:26	0°♌	
evening max el	-5016 Aug 16 j 10:54	9°♌12'13	24°12'39
retrograde	-5016 Aug 27 j 12:18	15°♌42'11	
evening set	-5016 Sep 01 j 20:44	13°♌26'32	
min. Earth dist.	-5016 Sep 06 j 15:21	7°♌53'38	0.67247 AU
inferior conj	-5016 Sep 07 j 05:14	7°♌06'42	-1°00'-39
minimum elong	-5016 Sep 07 j 06:38	7°♌02'00	0°59'53
asc. node	-5016 Sep 10 j 05:28	3°♌16'29	
morning rise	-5016 Sep 12 j 16:43	0°♌56'47	
	-5016 Sep 14 j 08:36	30°℞♋	
direct	-5016 Sep 16 j 11:59	29°♋34'07	
	-5016 Sep 18 j 17:41	0°♌	
morning max el	-5016 Sep 24 j 14:22	4°♌19'12	20°38'05
greatest brilliancy	-5016 Sep 30 j 19:43	11°♌46'23	-0.5m
	-5016 Oct 13 j 11:36	0°♍	
morning set	-5016 Oct 23 j 00:26	14°♍35'04	
desc. node	-5016 Oct 23 j 10:04	15°♍12'28	
max. Earth dist.	-5016 Nov 01 j 17:44	29°♍58'07	1.43194 AU
	-5016 Nov 01 j 18:12	0°♎	
superior conj	-5016 Nov 08 j 00:27	10°♎16'04	-1°-28'00
minimum elong	-5016 Nov 07 j 18:20	9°♎50'38	1°27'30
	-5016 Nov 19 j 12:25	0°♏	
evening rise	-5016 Nov 20 j 07:48	1°♏25'12	
asc. node	-5016 Dec 07 j 04:08	27°♏59'11	
evening max el	-5016 Dec 07 j 12:23	28°♏20'24	18°08'58
	-5016 Dec 09 j 09:29	0°♐	
retrograde	-5016 Dec 14 j 02:47	1°♐49'30	
evening set	-5016 Dec 16 j 19:13	1°♐14'07	
	-5016 Dec 18 j 22:12	30°℞♏	
inferior conj	-5016 Dec 23 j 07:12	26°♏00'55	3°55'34
minimum elong	-5016 Dec 23 j 04:58	26°♏06'37	3°55'05
min. Earth dist.	-5016 Dec 26 j 00:48	23°♏13'26	0.62422 AU
morning rise	-5016 Dec 29 j 12:47	20°♏09'36	
direct	-5015 Jan 05 j 14:37	17°♏32'38	
desc. node	-5015 Jan 19 j 10:05	25°♏09'28	
morning max el	-5015 Jan 19 j 11:58	25°♏14'02	27°41'28
	-5015 Jan 23 j 22:13	0°♐	
	-5015 Feb 13 j 02:36	0°♑	
morning set	-5015 Feb 21 j 22:49	16°♑50'31	
max. Earth dist.	-5015 Feb 27 j 17:10	28°♑54'19	1.32960 AU
	-5015 Feb 28 j 05:24	0°♒	
superior conj	-5015 Mar 01 j 09:55	2°♒33'59	0°-37'-43
minimum elong	-5015 Mar 01 j 11:34	2°♒42'54	0°37'38
asc. node	-5015 Mar 05 j 03:19	10°♒38'31	
evening rise	-5015 Mar 08 j 11:48	17°♒48'31	
	-5015 Mar 14 j 13:33	0°♓	
evening max el	-5015 Apr 02 j 01:08	26°♓42'24	24°06'02
	-5015 Apr 05 j 23:37	0°♈	
retrograde	-5015 Apr 15 j 20:14	3°♈36'40	
desc. node	-5015 Apr 17 j 08:49	3°♈31'25	
evening set	-5015 Apr 20 j 02:22	2°♈56'26	
	-5015 Apr 26 j 06:03	30°℞♓	
min. Earth dist.	-5015 Apr 26 j 12:58	29°♓49'32	0.56485 AU
inferior conj	-5015 Apr 28 j 23:45	28°♓18'13	-2°-54'-7
minimum elong	-5015 Apr 28 j 18:09	28°♓26'59	2°52'45
morning rise	-5015 May 07 j 13:49	24°♓14'51	
direct	-5015 May 10 j 00:19	23°♓59'07	
morning max el	-5015 May 19 j 18:18	28°♓31'07	19°43'31
	-5015 May 21 j 05:51	0°♈	
asc. node	-5015 Jun 01 j 03:10	16°♈20'46	
morning set	-5015 Jun 06 j 08:24	26°♈29'15	
	-5015 Jun 08 j 02:14	0°♉	
superior conj	-5015 Jun 14 j 10:06	12°♉43'40	1°41'43
minimum elong	-5015 Jun 14 j 07:57	12°♉33'00	1°41'44
max. Earth dist.	-5015 Jun 20 j 01:46	23°♉38'44	1.37214 AU
	-5015 Jun 23 j 12:30	0°♊	
evening rise	-5015 Jun 24 j 00:40	0°♊54'48	
	-5015 Jul 11 j 21:40	0°♋	
desc. node	-5015 Jul 14 j 07:15	3°♋27'27	
evening max el	-5015 Jul 29 j 21:23	22°♋41'21	25°28'22
retrograde	-5015 Aug 10 j 22:39	29°♋39'51	
evening set	-5015 Aug 16 j 22:16	27°♋06'33	
min. Earth dist.	-5015 Aug 21 j 07:50	22°♋10'55	0.66792 AU
inferior conj	-5015 Aug 22 j 09:02	20°♋49'10	-1°-51'-47
minimum elong	-5015 Aug 22 j 11:31	20°♋41'06	1°50'36
morning rise	-5015 Aug 28 j 01:18	14°♋48'21	
asc. node	-5015 Aug 28 j 02:35	14°♋46'16	
direct	-5015 Aug 31 j 10:01	13°♋42'45	
morning max el	-5015 Sep 07 j 17:23	17°♋54'40	19°33'56
greatest brilliancy	-5015 Sep 16 j 14:52	29°♋22'14	-0.7m
	-5015 Sep 17 j 01:13	0°♌	
morning set	-5015 Oct 02 j 01:59	23°♌00'22	
	-5015 Oct 06 j 13:33	0°♍	
desc. node	-5015 Oct 10 j 06:55	5°♍50'08	
max. Earth dist.	-5015 Oct 15 j 07:42	13°♍46'40	1.44330 AU
superior conj	-5015 Oct 18 j 19:58	19°♍22'22	0°-52'-6
minimum elong	-5015 Oct 18 j 14:06	18°♍58'55	0°51'21
	-5015 Oct 25 j 09:38	0°♎	
evening rise	-5015 Nov 02 j 03:14	12°♎48'13	
	-5015 Nov 12 j 12:25	0°♏	
evening max el	-5015 Nov 21 j 01:07	11°♏40'37	18°24'41
asc. node	-5015 Nov 24 j 01:16	14°♏10'16	
retrograde	-5015 Nov 27 j 15:21	15°♏18'19	
evening set	-5015 Nov 30 j 11:46	14°♏34'10	
inferior conj	-5015 Dec 06 j 14:39	9°♏01'41	3°28'29
minimum elong	-5015 Dec 06 j 11:30	9°♏10'42	3°27'39
min. Earth dist.	-5015 Dec 08 j 17:52	6°♏35'57	0.64071 AU
morning rise	-5015 Dec 12 j 09:49	2°♏59'29	
direct	-5015 Dec 19 j 08:01	0°♏10'36	
morning max el	-5014 Jan 01 j 20:35	7°♏51'30	27°26'08
desc. node	-5014 Jan 06 j 07:04	12°♏38'53	
	-5014 Jan 19 j 01:57	0°♐	
	-5014 Feb 05 j 07:20	0°♑	
morning set	-5014 Feb 05 j 18:42	0°♑55'47	
max. Earth dist.	-5014 Feb 10 j 20:01	11°♑11'05	1.33667 AU
superior conj	-5014 Feb 13 j 16:40	17°♑12'23	-1°-1'-9
minimum elong	-5014 Feb 13 j 19:10	17°♑25'42	1°01'00
	-5014 Feb 19 j 16:32	0°♒	
asc. node	-5014 Feb 20 j 00:19	0°♒41'08	
evening rise	-5014 Feb 20 j 23:00	2°♒40'23	
	-5014 Mar 08 j 08:20	0°♓	
evening max el	-5014 Mar 14 j 18:27	7°♓27'03	22°31'53
retrograde	-5014 Mar 27 j 17:39	13°♓46'25	
evening set	-5014 Mar 30 j 20:05	13°♓25'16	
desc. node	-5014 Apr 04 j 05:59	11°♓50'55	
min. Earth dist.	-5014 Apr 08 j 03:19	9°♓46'59	0.55427 AU
inferior conj	-5014 Apr 09 j 03:08	9°♓12'59	-1°-19'-15
minimum elong	-5014 Apr 08 j 23:38	9°♓17'59	1°18'14
morning rise	-5014 Apr 18 j 05:20	5°♓15'19	
direct	-5014 Apr 20 j 18:42	5°♓00'12	
morning max el	-5014 May 02 j 05:16	10°♓22'08	20°58'32
	-5014 May 15 j 22:59	0°♈	
asc. node	-5014 May 19 j 00:08	5°♈52'01	
morning set	-5014 May 21 j 15:13	11°♈10'36	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5014 May 29 j 05:29	26°♈54'44	1°28'09
minimum elong	-5014 May 29 j 02:46	26°♈40'46	1°27'56
	-5014 May 30 j 17:46	0°♉	
max. Earth dist.	-5014 Jun 02 j 10:57	5°♉26'47	1.35585 AU
evening rise	-5014 Jun 06 j 20:14	13°♉55'02	
	-5014 Jun 15 j 21:19	0°♊	
desc. node	-5014 Jul 01 j 04:20	23°♊04'49	
	-5014 Jul 06 j 15:48	0°♋	
evening max el	-5014 Jul 12 j 08:10	6°♋10'12	26°30'48
retrograde	-5014 Jul 25 j 04:21	13°♋27'01	
evening set	-5014 Jul 31 j 17:37	10°♋42'05	
min. Earth dist.	-5014 Aug 04 j 18:55	6°♋25'19	0.65983 AU
inferior conj	-5014 Aug 06 j 08:42	4°♋30'08	-2°-39'-14
minimum elong	-5014 Aug 06 j 11:59	4°♋20'05	2°37'55
	-5014 Aug 10 j 11:47	30°℞♊	
morning rise	-5014 Aug 12 j 07:18	28°♊41'29	
asc. node	-5014 Aug 14 j 23:40	27°♊50'25	
direct	-5014 Aug 15 j 07:45	27°♊49'47	
	-5014 Aug 20 j 08:17	0°♋	
morning max el	-5014 Aug 22 j 02:34	1°♋37'15	18°44'54
	-5014 Sep 10 j 10:53	0°♌	
morning set	-5014 Sep 11 j 23:27	2°♌26'29	
desc. node	-5014 Sep 27 j 03:48	26°♌32'38	
superior conj	-5014 Sep 27 j 21:02	27°♌40'33	0°-4'-31
minimum elong	-5014 Sep 27 j 20:28	27°♌38'19	0°04'17
behind sun begin	-5014 Sep 27 j 09:21	26°♌54'32	
behind sun end	-5014 Sep 28 j 07:34	28°♌22'05	
max. Earth dist.	-5014 Sep 28 j 00:53	27°♌55'44	1.44783 AU
	-5014 Sep 29 j 08:25	0°♍	
evening rise	-5014 Oct 13 j 22:24	23°♍07'38	
	-5014 Oct 18 j 05:27	0°♎	
evening max el	-5014 Nov 04 j 12:07	25°♎05'41	18°58'07
asc. node	-5014 Nov 10 j 22:24	28°♎59'40	
retrograde	-5014 Nov 11 j 09:28	29°♎00'52	
evening set	-5014 Nov 14 j 11:46	28°♎05'45	
inferior conj	-5014 Nov 20 j 07:32	22°♎17'10	2°50'24
minimum elong	-5014 Nov 20 j 04:20	22°♎27'03	2°49'23
min. Earth dist.	-5014 Nov 21 j 20:38	20°♎22'22	0.65388 AU
morning rise	-5014 Nov 25 j 19:53	16°♎06'52	
direct	-5014 Dec 02 j 07:59	13°♎19'51	
morning max el	-5014 Dec 15 j 06:23	20°♎51'13	26°39'57
	-5014 Dec 23 j 06:05	0°♏	
desc. node	-5014 Dec 24 j 04:02	1°♏10'30	
	-5013 Jan 12 j 04:36	0°♐	
morning set	-5013 Jan 20 j 03:22	14°♐22'26	
max. Earth dist.	-5013 Jan 24 j 12:05	22°♐51'54	1.34804 AU
	-5013 Jan 28 j 00:34	0°♑	
superior conj	-5013 Jan 28 j 17:54	1°♑29'21	-1°-22'-14
minimum elong	-5013 Jan 28 j 20:52	1°♑44'41	1°22'08
evening rise	-5013 Feb 05 j 08:05	17°♑19'58	
asc. node	-5013 Feb 06 j 21:20	20°♑30'56	
	-5013 Feb 11 j 18:16	0°♒	
evening max el	-5013 Feb 24 j 18:43	18°♒31'06	21°04'09
retrograde	-5013 Mar 08 j 07:40	24°♒00'53	
evening set	-5013 Mar 10 j 19:07	23°♒46'36	
inferior conj	-5013 Mar 19 j 22:43	19°♒48'14	0°35'56
minimum elong	-5013 Mar 20 j 00:21	19°♒45'54	0°35'11
min. Earth dist.	-5013 Mar 20 j 17:42	19°♒21'11	0.55250 AU
desc. node	-5013 Mar 22 j 03:10	18°♒34'11	
morning rise	-5013 Mar 29 j 04:37	15°♒38'26	
direct	-5013 Apr 01 j 06:54	15°♒17'30	
morning max el	-5013 Apr 14 j 05:39	21°♒32'44	22°29'22
	-5013 Apr 21 j 10:30	0°♓	
asc. node	-5013 May 05 j 21:04	25°♓41'57	
morning set	-5013 May 06 j 01:35	26°♓05'29	
	-5013 May 07 j 22:18	0°♈	
superior conj	-5013 May 13 j 08:20	11°♈30'12	1°10'04
minimum elong	-5013 May 13 j 05:44	11°♈16'29	1°09'41
max. Earth dist.	-5013 May 16 j 05:57	17°♈34'20	1.34312 AU
evening rise	-5013 May 21 j 06:31	27°♈41'23	
	-5013 May 22 j 11:06	0°♉	
	-5013 Jun 09 j 03:03	0°♊	
desc. node	-5013 Jun 18 j 01:30	12°♊05'04	
evening max el	-5013 Jun 24 j 19:23	19°♊30'34	27°12'05
retrograde	-5013 Jul 08 j 04:51	26°♊55'15	
evening set	-5013 Jul 15 j 04:04	24°♊08'32	
min. Earth dist.	-5013 Jul 18 j 22:27	20°♊29'31	0.64794 AU
inferior conj	-5013 Jul 21 j 01:59	18°♊04'59	-3°-20'-42
minimum elong	-5013 Jul 21 j 05:32	17°♊54'58	3°19'35
morning rise	-5013 Jul 27 j 08:27	12°♊31'34	
direct	-5013 Jul 30 j 02:56	11°♊50'35	
asc. node	-5013 Aug 01 j 20:44	12°♊30'13	
morning max el	-5013 Aug 05 j 15:43	15°♊22'09	18°12'31
	-5013 Aug 16 j 01:53	0°♋	
morning set	-5013 Aug 23 j 23:59	13°♋10'26	
	-5013 Sep 03 j 04:47	0°♌	
superior conj	-5013 Sep 07 j 00:59	6°♌11'27	0°43'06
minimum elong	-5013 Sep 07 j 05:52	6°♌30'58	0°42'43
max. Earth dist.	-5013 Sep 10 j 18:16	12°♌07'00	1.44513 AU
desc. node	-5013 Sep 14 j 00:43	17°♌16'36	
	-5013 Sep 22 j 04:02	0°♍	
evening rise	-5013 Sep 23 j 16:59	2°♍23'35	
greatest brilliancy	-5013 Oct 10 j 21:26	28°♍30'00	-0.6m
	-5013 Oct 11 j 22:54	0°♎	
evening max el	-5013 Oct 18 j 19:10	8°♎32'23	19°47'47
retrograde	-5013 Oct 26 j 06:07	12°♎52'54	
asc. node	-5013 Oct 28 j 19:33	12°♎14'47	
evening set	-5013 Oct 29 j 16:36	11°♎44'03	
inferior conj	-5013 Nov 04 j 06:59	5°♎42'38	2°05'06
minimum elong	-5013 Nov 04 j 04:22	5°♎51'15	2°04'09
min. Earth dist.	-5013 Nov 05 j 07:17	4°♎22'52	0.66358 AU
	-5013 Nov 09 j 01:13	30°℞♍	
morning rise	-5013 Nov 09 j 15:26	29°♍27'08	
direct	-5013 Nov 15 j 13:47	26°♍52'33	
	-5013 Nov 23 j 02:25	0°♎	
morning max el	-5013 Nov 27 j 15:28	4°♎01'10	25°30'59
desc. node	-5013 Dec 11 j 00:57	20°♎25'57	
	-5013 Dec 17 j 14:48	0°♏	
morning set	-5012 Jan 02 j 20:09	26°♏56'25	
	-5012 Jan 04 j 12:16	0°♐	
max. Earth dist.	-5012 Jan 06 j 16:26	4°♐03'43	1.36383 AU
superior conj	-5012 Jan 12 j 10:55	15°♐16'54	-1°-39'-21
minimum elong	-5012 Jan 12 j 13:40	15°♐30'36	1°39'24
	-5012 Jan 19 j 17:08	0°♑	
evening rise	-5012 Jan 20 j 13:07	1°♑41'21	
asc. node	-5012 Jan 24 j 18:22	10°♑02'31	
evening max el	-5012 Feb 07 j 05:14	0°♒09'08	19°51'11
	-5012 Feb 07 j 01:24	0°♒	
retrograde	-5012 Feb 17 j 01:38	4°♒48'42	
evening set	-5012 Feb 19 j 10:13	4°♒33'55	
inferior conj	-5012 Feb 28 j 00:32	0°♒32'13	2°19'41
minimum elong	-5012 Feb 28 j 05:31	0°♒24'27	2°18'02
	-5012 Feb 28 j 21:13	30°℞♑	
min. Earth dist.	-5012 Mar 01 j 08:08	29°♑06'12	0.55990 AU
morning rise	-5012 Mar 07 j 21:39	25°♑56'40	
desc. node	-5012 Mar 08 j 00:19	25°♑54'40	
direct	-5012 Mar 12 j 01:40	25°♑18'01	
	-5012 Mar 23 j 09:05	0°♒	
morning max el	-5012 Mar 25 j 22:21	2°♒14'42	24°07'56

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5012 Apr 14 j 00:46	0°♓	
morning set	-5012 Apr 19 j 13:44	11°♓08'09	
asc. node	-5012 Apr 21 j 18:01	15°♓45'14	
superior conj	-5012 Apr 26 j 16:10	26°♓22'06	0°48'51
minimum elong	-5012 Apr 26 j 14:10	26°♓11'19	0°48'26
	-5012 Apr 28 j 08:45	0°♈	
max. Earth dist.	-5012 Apr 28 j 10:30	0°♈09'19	1.33409 AU
evening rise	-5012 May 04 j 03:17	12°♈01'05	
	-5012 May 13 j 16:51	0°♉	
desc. node	-5012 Jun 03 j 22:40	0°♊12'24	
	-5012 Jun 03 j 18:01	0°♊	
evening max el	-5012 Jun 06 j 05:29	2°♊30'59	27°25'21
retrograde	-5012 Jun 19 j 23:18	9°♊56'08	
evening set	-5012 Jun 27 j 02:18	7°♊20'32	
min. Earth dist.	-5012 Jun 30 j 16:47	4°♊13'29	0.63234 AU
inferior conj	-5012 Jul 03 j 10:13	1°♊28'21	-3°-52'-52
minimum elong	-5012 Jul 03 j 13:10	1°♊20'51	3°52'12
	-5012 Jul 04 j 21:47	30°℞♉	
morning rise	-5012 Jul 10 j 02:06	26°♉13'11	
direct	-5012 Jul 12 j 16:46	25°♉40'19	
asc. node	-5012 Jul 18 j 17:46	28°♉34'14	
morning max el	-5012 Jul 19 j 06:23	29°♉04'24	17°57'53
	-5012 Jul 20 j 03:42	0°♊	
morning set	-5012 Aug 05 j 01:02	25°♊04'24	
	-5012 Aug 07 j 20:38	0°♋	
superior conj	-5012 Aug 17 j 02:57	15°♋48'19	1°19'37
minimum elong	-5012 Aug 17 j 08:44	16°♋12'25	1°19'19
max. Earth dist.	-5012 Aug 23 j 09:14	26°♋03'49	1.43561 AU
	-5012 Aug 25 j 20:10	0°♌	
desc. node	-5012 Aug 30 j 21:40	7°♌59'00	
evening rise	-5012 Sep 01 j 21:03	11°♌03'11	
	-5012 Sep 14 j 08:57	0°♍	
greatest brilliancy	-5012 Sep 25 j 02:15	15°♍08'56	-0.5m
evening max el	-5012 Sep 30 j 20:34	21°♍58'42	20°51'26
retrograde	-5012 Oct 09 j 03:06	26°♍51'45	
evening set	-5012 Oct 13 j 00:03	25°♍26'15	
asc. node	-5012 Oct 14 j 16:43	23°♍55'29	
inferior conj	-5012 Oct 18 j 10:43	19°♍15'15	1°15'14
minimum elong	-5012 Oct 18 j 09:02	19°♍20'58	1°14'37
min. Earth dist.	-5012 Oct 18 j 23:32	18°♍31'36	0.67000 AU
morning rise	-5012 Oct 23 j 17:35	12°♍57'26	
direct	-5012 Oct 29 j 00:41	10°♍41'44	
morning max el	-5012 Nov 09 j 00:12	17°♍14'53	24°08'43
	-5012 Nov 19 j 15:16	0°♎	
desc. node	-5012 Nov 26 j 21:52	10°♎12'22	
	-5012 Dec 09 j 15:59	0°♏	
morning set	-5012 Dec 14 j 15:03	8°♏21'03	
max. Earth dist.	-5012 Dec 18 j 13:25	15°♏15'16	1.38320 AU
superior conj	-5012 Dec 25 j 16:06	28°♏24'16	-1°-50'-17
minimum elong	-5012 Dec 25 j 17:35	28°♏31'24	1°50'28
	-5012 Dec 26 j 12:06	0°♐	
evening rise	-5011 Jan 03 j 11:47	15°♐37'43	
asc. node	-5011 Jan 10 j 15:28	29°♐08'41	
	-5011 Jan 11 j 03:14	0°♑	
evening max el	-5011 Jan 20 j 01:44	12°♑21'02	18°56'51
retrograde	-5011 Jan 28 j 10:54	16°♑22'20	
evening set	-5011 Jan 30 j 21:07	16°♑03'32	
inferior conj	-5011 Feb 07 j 19:05	11°♑45'40	3°29'22
minimum elong	-5011 Feb 07 j 23:23	11°♑37'57	3°28'19
min. Earth dist.	-5011 Feb 10 j 23:23	9°♑30'22	0.57468 AU
morning rise	-5011 Feb 15 j 22:00	6°♑41'42	
direct	-5011 Feb 21 j 08:19	5°♑31'26	
desc. node	-5011 Feb 22 j 21:26	5°♑37'12	
morning max el	-5011 Mar 07 j 13:17	12°♑52'10	25°41'08

	-5011 Mar 20 j 22:14	0°♒	
morning set	-5011 Apr 04 j 01:51	26°♒11'09	
	-5011 Apr 05 j 21:04	0°♓	
asc. node	-5011 Apr 08 j 15:00	5°♓56'02	
superior conj	-5011 Apr 11 j 02:49	11°♓22'07	0°25'34
minimum elong	-5011 Apr 11 j 01:43	11°♓16'06	0°25'15
max. Earth dist.	-5011 Apr 11 j 21:24	13°♓03'19	1.32848 AU
evening rise	-5011 Apr 18 j 07:08	26°♓41'48	
	-5011 Apr 19 j 22:02	0°♈	
	-5011 May 07 j 04:47	0°♉	
evening max el	-5011 May 19 j 11:44	14°♉57'52	27°06'28
desc. node	-5011 May 21 j 19:51	17°♉03'54	
retrograde	-5011 Jun 02 j 10:49	22°♉20'36	
evening set	-5011 Jun 09 j 08:20	20°♉09'50	
min. Earth dist.	-5011 Jun 13 j 01:08	17°♉23'18	0.61356 AU
inferior conj	-5011 Jun 16 j 06:06	14°♉32'13	-4°-10'-46
minimum elong	-5011 Jun 16 j 07:16	14°♉29'38	4°10'33
morning rise	-5011 Jun 23 j 09:02	9°♉38'03	
direct	-5011 Jun 25 j 21:36	9°♉11'26	
morning max el	-5011 Jul 02 j 19:55	12°♉37'45	18°01'58
asc. node	-5011 Jul 05 j 14:49	15°♉46'35	
	-5011 Jul 14 j 13:05	0°♊	
morning set	-5011 Jul 18 j 21:14	7°♊53'59	
superior conj	-5011 Jul 29 j 08:37	26°♊47'55	1°41'11
minimum elong	-5011 Jul 29 j 12:05	27°♊03'02	1°41'15
	-5011 Jul 31 j 04:48	0°♋	
max. Earth dist.	-5011 Aug 05 j 19:16	9°♋29'19	1.42053 AU
evening rise	-5011 Aug 12 j 06:17	19°♋58'48	
desc. node	-5011 Aug 17 j 18:41	28°♋36'27	
	-5011 Aug 18 j 16:27	0°♌	
	-5011 Sep 08 j 21:13	0°♍	
greatest brilliancy	-5011 Sep 08 j 21:18	0°♍00'15	-0.4m
evening max el	-5011 Sep 13 j 15:37	5°♍23'46	22°05'50
retrograde	-5011 Sep 22 j 22:40	10°♍54'55	
evening set	-5011 Sep 27 j 08:13	9°♍10'24	
asc. node	-5011 Oct 01 j 13:52	4°♍25'16	
inferior conj	-5011 Oct 02 j 16:44	2°♍53'09	0°22'51
minimum elong	-5011 Oct 02 j 16:12	2°♍54'59	0°22'46
min. Earth dist.	-5011 Oct 02 j 19:02	2°♍45'14	0.67328 AU
	-5011 Oct 04 j 20:09	30°℞♌	
morning rise	-5011 Oct 08 j 00:02	26°♌35'57	
direct	-5011 Oct 12 j 15:59	24°♌41'37	
	-5011 Oct 21 j 22:12	0°♍	
morning max el	-5011 Oct 22 j 11:07	0°♍32'18	22°42'42
greatest brilliancy	-5011 Oct 27 j 05:15	5°♍53'41	-0.3m
desc. node	-5011 Nov 13 j 18:46	0°♎20'52	
	-5011 Nov 13 j 13:14	0°♎	
morning set	-5011 Nov 25 j 06:42	18°♎24'36	
max. Earth dist.	-5011 Nov 30 j 10:53	27°♎02'49	1.40382 AU
	-5011 Dec 02 j 04:12	0°♏	
superior conj	-5011 Dec 08 j 04:43	10°♏39'19	-1°-52'-7
minimum elong	-5011 Dec 08 j 03:40	10°♏34'33	1°52'16
evening rise	-5011 Dec 18 j 01:19	29°♏02'41	
	-5011 Dec 18 j 13:26	0°♐	
asc. node	-5011 Dec 28 j 12:34	17°♐41'21	
evening max el	-5010 Jan 03 j 06:20	25°♐01'53	18°22'32
retrograde	-5010 Jan 10 j 14:51	28°♐40'17	
evening set	-5010 Jan 13 j 03:09	28°♐15'57	
inferior conj	-5010 Jan 20 j 10:02	23°♐36'51	4°01'37
minimum elong	-5010 Jan 20 j 11:30	23°♐33'47	4°01'15
min. Earth dist.	-5010 Jan 23 j 18:26	20°♐50'53	0.59364 AU
morning rise	-5010 Jan 27 j 16:40	18°♐09'31	
direct	-5010 Feb 03 j 03:11	16°♐20'23	
desc. node	-5010 Feb 09 j 18:32	18°♐08'44	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning max el	-5010 Feb 17 j 08:24	23°♐53'54	26°53'41	
	-5010 Feb 22 j 21:33	0°♑		
	-5010 Mar 13 j 22:35	0°♒		
morning set	-5010 Mar 19 j 12:13	11°♒08'08		
asc. node	-5010 Mar 26 j 11:59	26°♒09'58		
superior conj	-5010 Mar 26 j 14:33	26°♒24'03	0°01'07	
minimum elong	-5010 Mar 26 j 14:31	26°♒23'48	0°00'57	
behind sun begin	-5010 Mar 26 j 09:32	25°♒56'30		
behind sun end	-5010 Mar 26 j 19:30	26°♒51'05		
max. Earth dist.	-5010 Mar 26 j 10:55	26°♒04'05	1.32616 AU	
	-5010 Mar 28 j 06:03	0°♓		
evening rise	-5010 Apr 02 j 15:32	11°♓34'44		
	-5010 Apr 12 j 03:53	0°♈		
evening max el	-5010 May 01 j 11:58	26°♈42'57	26°15'25	
	-5010 May 05 j 08:22	0°♉		
desc. node	-5010 May 08 j 17:03	2°♉08'47		
retrograde	-5010 May 15 j 14:07	4°♉01'32		
evening set	-5010 May 21 j 18:23	2°♉26'20		
	-5010 May 25 j 15:59	30°℞♈		
min. Earth dist.	-5010 May 26 j 00:46	29°♈43'55	0.59315 AU	
inferior conj	-5010 May 29 j 09:56	27°♈07'15	-4°-6'-57	
minimum elong	-5010 May 29 j 08:06	27°♈10'49	4°06'44	
morning rise	-5010 Jun 06 j 01:37	22°♈35'16		
direct	-5010 Jun 08 j 12:54	22°♈13'51		
morning max el	-5010 Jun 16 j 05:28	25°♈54'21	18°25'32	
	-5010 Jun 19 j 19:27	0°♉		
asc. node	-5010 Jun 22 j 11:51	3°♉52'20		
morning set	-5010 Jul 02 j 07:36	21°♉26'24		
	-5010 Jul 06 j 19:06	0°♊		
superior conj	-5010 Jul 11 j 14:29	9°♊00'42	1°49'14	
minimum elong	-5010 Jul 11 j 15:06	9°♊03'34	1°49'29	
max. Earth dist.	-5010 Jul 18 j 23:22	22°♊10'51	1.40200 AU	
evening rise	-5010 Jul 23 j 13:19	29°♊56'54		
	-5010 Jul 23 j 14:04	0°♋		
desc. node	-5010 Aug 04 j 15:41	19°♋04'40		
	-5010 Aug 12 j 03:38	0°♌		
evening max el	-5010 Aug 27 j 05:15	18°♌48'23	23°26'13	
retrograde	-5010 Sep 06 j 15:30	24°♌58'43		
evening set	-5010 Sep 11 j 15:15	22°♌54'10		
inferior conj	-5010 Sep 16 j 23:15	16°♌34'04	0°-30'-21	
minimum elong	-5010 Sep 16 j 23:57	16°♌31'40	0°29'52	
min. Earth dist.	-5010 Sep 16 j 15:19	17°♌01'17	0.67361 AU	
asc. node	-5010 Sep 18 j 11:01	14°♌33'11		
morning rise	-5010 Sep 22 j 08:44	10°♌20'33		
direct	-5010 Sep 26 j 10:55	8°♌47'04		
morning max el	-5010 Oct 05 j 03:07	13°♌55'07	21°20'48	
greatest brilliancy	-5010 Oct 10 j 11:08	20°♌06'53	-0.4m	
	-5010 Oct 17 j 17:37	0°♍		
desc. node	-5010 Oct 31 j 15:38	20°♍44'12		
morning set	-5010 Nov 04 j 19:09	27°♍11'41		
	-5010 Nov 06 j 13:46	0°♎		
max. Earth dist.	-5010 Nov 12 j 13:47	9°♎40'37	1.42280 AU	
superior conj	-5010 Nov 19 j 18:57	21°♎46'51	-1°-41'-16	
minimum elong	-5010 Nov 19 j 14:28	21°♎27'37	1°41'04	
	-5010 Nov 24 j 12:12	0°♏		
evening rise	-5010 Dec 01 j 01:59	11°♏47'27		
	-5010 Dec 11 j 12:55	0°♐		
asc. node	-5010 Dec 15 j 09:40	5°♐29'45		
evening max el	-5010 Dec 17 j 16:20	8°♐03'51	18°08'20	
retrograde	-5010 Dec 24 j 10:46	11°♐33'00		
evening set	-5010 Dec 27 j 01:22	11°♐02'09		
inferior conj	-5009 Jan 02 j 19:35	6°♐01'14	4°04'03	
minimum elong	-5009 Jan 02 j 18:24	6°♐04'03	4°03'45	
min. Earth dist.	-5009 Jan 05 j 20:31	3°♐07'52	0.61345 AU	
morning rise	-5009 Jan 09 j 09:00	0°♐17'09		
	-5009 Jan 09 j 19:26	30°℞♏		
direct	-5009 Jan 16 j 08:34	27°♏53'41		
	-5009 Jan 23 j 07:55	0°♐		
desc. node	-5009 Jan 27 j 15:35	3°♐03'58		
morning max el	-5009 Jan 30 j 09:47	5°♐34'18	27°34'22	
	-5009 Feb 17 j 18:39	0°♑		
morning set	-5009 Mar 03 j 18:54	25°♑52'03		
	-5009 Mar 05 j 18:39	0°♒		
max. Earth dist.	-5009 Mar 09 j 23:12	8°♒57'53	1.32723 AU	
superior conj	-5009 Mar 11 j 01:44	11°♒22'08	0°-23'-39	
minimum elong	-5009 Mar 11 j 02:47	11°♒27'52	0°23'40	
asc. node	-5009 Mar 13 j 08:58	16°♒23'07		
evening rise	-5009 Mar 18 j 02:26	26°♒32'44		
	-5009 Mar 19 j 18:16	0°♓		
	-5009 Apr 06 j 09:07	0°♈		
evening max el	-5009 Apr 13 j 06:26	7°♈50'03	24°58'08	
desc. node	-5009 Apr 25 j 14:14	14°♈50'47		
retrograde	-5009 Apr 27 j 07:16	14°♈57'38		
evening set	-5009 May 02 j 07:20	14°♈00'00		
min. Earth dist.	-5009 May 07 j 18:49	11°♈05'20	0.57390 AU	
inferior conj	-5009 May 10 j 18:36	9°♈05'06	-3°-31'-50	
minimum elong	-5009 May 10 j 13:44	9°♈13'19	3°30'55	
morning rise	-5009 May 19 j 00:23	4°♈53'05		
direct	-5009 May 21 j 10:41	4°♈35'51		
morning max el	-5009 May 30 j 08:10	8°♈45'08	19°09'16	
asc. node	-5009 Jun 09 j 08:51	22°♈39'12		
	-5009 Jun 13 j 08:12	0°♉		
morning set	-5009 Jun 16 j 04:16	5°♉32'15		
superior conj	-5009 Jun 24 j 14:48	22°♉10'54	1°46'47	
minimum elong	-5009 Jun 24 j 13:23	22°♉04'00	1°46'56	
	-5009 Jun 28 j 17:38	0°♊		
max. Earth dist.	-5009 Jul 01 j 00:32	4°♊12'47	1.38264 AU	
evening rise	-5009 Jul 04 j 23:01	11°♊14'08		
	-5009 Jul 16 j 08:11	0°♋		
desc. node	-5009 Jul 22 j 12:44	9°♋19'01		
	-5009 Aug 07 j 11:40	0°♌		
evening max el	-5009 Aug 09 j 16:08	2°♌16'11	24°45'55	
retrograde	-5009 Aug 21 j 04:31	9°♌00'14		
evening set	-5009 Aug 26 j 19:22	6°♌36'39		
min. Earth dist.	-5009 Aug 31 j 10:01	1°♌19'05	0.67093 AU	
inferior conj	-5009 Sep 01 j 04:35	0°♌17'13	-1°-22'-42	
minimum elong	-5009 Sep 01 j 06:27	0°♌10'57	1°21'43	
	-5009 Sep 01 j 09:45	30°℞♋		
asc. node	-5009 Sep 05 j 08:09	25°♋20'01		
morning rise	-5009 Sep 06 j 17:53	24°♋10'33		
direct	-5009 Sep 10 j 08:19	22°♋55'38		
morning max el	-5009 Sep 18 j 02:00	27°♋26'01	20°08'58	
	-5009 Sep 20 j 09:38	0°♌		
greatest brilliancy	-5009 Sep 25 j 05:21	6°♌13'25	-0.6m	
	-5009 Oct 11 j 05:36	0°♍		
morning set	-5009 Oct 14 j 17:55	5°♍25'24		
desc. node	-5009 Oct 18 j 12:30	11°♍17'55		
max. Earth dist.	-5009 Oct 25 j 23:35	23°♍05'39	1.43756 AU	
	-5009 Oct 30 j 06:19	0°♎		
superior conj	-5009 Oct 31 j 06:07	1°♎37'01	-1°-14'-40	
minimum elong	-5009 Oct 30 j 23:29	1°♎09'57	1°13'59	
evening rise	-5009 Nov 13 j 09:27	23°♎43'01		
	-5009 Nov 17 j 00:57	0°♏		
evening max el	-5009 Dec 01 j 04:54	21°♏19'41	18°13'28	
asc. node	-5009 Dec 02 j 06:48	22°♏20'56		
retrograde	-5009 Dec 07 j 18:20	24°♏51'10		
evening set	-5009 Dec 10 j 12:14	24°♏12'22		
inferior conj	-5009 Dec 16 j 20:07	18°♏50'56	3°45'40	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5009 Dec 16 j 17:22	18°♏58'20	3°45'02
min. Earth dist.	-5009 Dec 19 j 07:51	16°♏10'49	0.63166 AU
morning rise	-5009 Dec 22 j 20:47	12°♏54'39	
direct	-5009 Dec 29 j 22:11	10°♏10'20	
morning max el	-5008 Jan 12 j 16:15	17°♏52'50	27°39'00
desc. node	-5008 Jan 14 j 12:35	19°♏46'28	
	-5008 Jan 22 j 22:05	0°♐	
	-5008 Feb 10 j 12:33	0°♑	
morning set	-5008 Feb 15 j 19:30	10°♑14'13	
max. Earth dist.	-5008 Feb 21 j 06:26	21°♑30'56	1.33204 AU
superior conj	-5008 Feb 23 j 10:38	26°♑09'52	0°-47'-52
minimum elong	-5008 Feb 23 j 12:41	26°♑20'52	0°47'45
	-5008 Feb 25 j 05:21	0°♒	
asc. node	-5008 Feb 28 j 05:56	6°♒30'58	
evening rise	-5008 Mar 01 j 14:01	11°♒28'49	
	-5008 Mar 11 j 04:01	0°♓	
evening max el	-5008 Mar 24 j 22:41	18°♓36'06	23°26'05
retrograde	-5008 Apr 07 j 11:30	25°♓17'35	
evening set	-5008 Apr 11 j 04:26	24°♓47'29	
desc. node	-5008 Apr 11 j 11:25	24°♓42'41	
min. Earth dist.	-5008 Apr 18 j 10:05	21°♓28'46	0.55931 AU
inferior conj	-5008 Apr 20 j 07:27	20°♓21'16	-2°-17'-59
minimum elong	-5008 Apr 20 j 02:10	20°♓29'09	2°16'33
morning rise	-5008 Apr 29 j 03:11	16°♓21'46	
direct	-5008 May 01 j 14:05	16°♓06'48	
morning max el	-5008 May 12 j 01:18	20°♓59'29	20°13'10
	-5008 May 19 j 08:32	0°♈	
asc. node	-5008 May 26 j 05:47	11°♈56'25	
morning set	-5008 May 30 j 08:05	20°♈02'32	
	-5008 Jun 04 j 04:57	0°♉	
superior conj	-5008 Jun 07 j 04:23	6°♉02'46	1°36'38
minimum elong	-5008 Jun 07 j 01:53	5°♉50'13	1°36'32
max. Earth dist.	-5008 Jun 12 j 05:16	15°♉58'10	1.36481 AU
evening rise	-5008 Jun 16 j 07:49	23°♉41'01	
	-5008 Jun 19 j 20:11	0°♊	
desc. node	-5008 Jul 08 j 09:50	29°♊12'14	
	-5008 Jul 08 j 23:40	0°♋	
evening max el	-5008 Jul 22 j 02:49	15°♋46'38	25°57'06
retrograde	-5008 Aug 03 j 12:58	22°♋54'03	
evening set	-5008 Aug 09 j 18:33	20°♋15'14	
min. Earth dist.	-5008 Aug 14 j 00:36	15°♋35'45	0.66493 AU
inferior conj	-5008 Aug 15 j 06:53	13°♋59'47	-2°-12'-29
minimum elong	-5008 Aug 15 j 09:45	13°♋50'40	2°11'12
morning rise	-5008 Aug 21 j 01:37	8°♋03'27	
asc. node	-5008 Aug 22 j 05:15	7°♋28'25	
direct	-5008 Aug 24 j 06:35	7°♋04'02	
morning max el	-5008 Aug 31 j 07:45	11°♋04'34	19°11'03
	-5008 Sep 14 j 00:25	0°♌	
morning set	-5008 Sep 23 j 02:12	14°♌12'17	
	-5008 Oct 03 j 03:20	0°♍	
desc. node	-5008 Oct 04 j 09:23	1°♍58'18	
max. Earth dist.	-5008 Oct 07 j 15:17	7°♍05'28	1.44616 AU
superior conj	-5008 Oct 09 j 15:56	10°♍17'56	0°-32'-46
minimum elong	-5008 Oct 09 j 11:51	10°♍01'44	0°32'09
	-5008 Oct 21 j 22:26	0°♎	
evening rise	-5008 Oct 24 j 18:58	4°♎40'03	
	-5008 Nov 09 j 19:37	0°♏	
evening max el	-5008 Nov 13 j 17:19	4°♏43'29	18°36'52
asc. node	-5008 Nov 18 j 03:55	7°♏59'49	
retrograde	-5008 Nov 20 j 09:34	8°♏27'08	
evening set	-5008 Nov 23 j 08:20	7°♏38'31	
inferior conj	-5008 Nov 29 j 07:58	1°♏58'57	3°13'23
minimum elong	-5008 Nov 29 j 04:42	2°♏08'37	3°12'27
min. Earth dist.	-5008 Dec 01 j 05:05	29°♎45'40	0.64681 AU
	-5008 Dec 01 j 00:10	30°℞♎	
morning rise	-5008 Dec 04 j 23:53	25°♎53'16	
direct	-5008 Dec 11 j 18:34	23°♎03'36	
	-5008 Dec 24 j 08:38	0°♏	
morning max el	-5008 Dec 25 j 01:29	0°♏41'06	27°09'47
desc. node	-5008 Dec 31 j 09:32	7°♏45'21	
	-5007 Jan 15 j 22:12	0°♐	
morning set	-5007 Jan 29 j 11:06	24°♐04'51	
	-5007 Feb 01 j 10:59	0°♑	
max. Earth dist.	-5007 Feb 03 j 05:00	3°♑33'08	1.34099 AU
superior conj	-5007 Feb 06 j 15:22	10°♑40'45	-1°-10'-28
minimum elong	-5007 Feb 06 j 18:08	10°♑55'17	1°10'20
evening rise	-5007 Feb 14 j 00:34	26°♑16'51	
asc. node	-5007 Feb 14 j 02:56	26°♑29'12	
	-5007 Feb 15 j 19:51	0°♒	
evening max el	-5007 Mar 06 j 18:31	29°♒27'04	21°53'11
	-5007 Mar 07 j 08:41	0°♓	
retrograde	-5007 Mar 19 j 04:10	5°♓25'42	
evening set	-5007 Mar 21 j 22:42	5°♓08'36	
desc. node	-5007 Mar 29 j 08:34	2°♓07'55	
inferior conj	-5007 Mar 31 j 05:56	1°♓04'38	0°-31'-6
minimum elong	-5007 Mar 31 j 04:29	1°♓06'41	0°30'47
min. Earth dist.	-5007 Mar 31 j 00:14	1°♓12'40	0.55242 AU
	-5007 Apr 02 j 04:23	30°℞♒	
morning rise	-5007 Apr 09 j 11:05	27°♒04'04	
direct	-5007 Apr 12 j 04:43	26°♒47'22	
	-5007 Apr 21 j 05:35	0°♓	
morning max el	-5007 Apr 24 j 07:28	2°♓32'10	21°35'33
	-5007 May 12 j 07:37	0°♈	
asc. node	-5007 May 13 j 02:45	1°♈36'21	
morning set	-5007 May 14 j 16:40	4°♈50'22	
superior conj	-5007 May 22 j 03:17	20°♈24'55	1°20'56
minimum elong	-5007 May 22 j 00:33	20°♈10'40	1°20'38
max. Earth dist.	-5007 May 25 j 18:48	27°♈53'54	1.35003 AU
	-5007 May 26 j 19:55	0°♉	
evening rise	-5007 May 30 j 10:15	7°♉02'21	
	-5007 Jun 12 j 11:50	0°♊	
desc. node	-5007 Jun 25 j 06:58	18°♊35'05	
evening max el	-5007 Jul 04 j 14:05	29°♊13'27	26°51'26
	-5007 Jul 05 j 09:38	0°♋	
retrograde	-5007 Jul 17 j 16:15	6°♋33'46	
evening set	-5007 Jul 24 j 10:26	3°♋46'50	
	-5007 Jul 28 j 04:00	30°℞♊	
min. Earth dist.	-5007 Jul 28 j 08:41	29°♊46'29	0.65527 AU
inferior conj	-5007 Jul 30 j 04:07	27°♊38'24	-2°-57'-44
minimum elong	-5007 Jul 30 j 07:36	27°♊28'06	2°56'28
morning rise	-5007 Aug 05 j 05:52	21°♊55'46	
direct	-5007 Aug 08 j 03:37	21°♊08'50	
asc. node	-5007 Aug 09 j 02:20	21°♊13'46	
morning max el	-5007 Aug 14 j 18:52	24°♊48'09	18°29'03
	-5007 Aug 19 j 01:50	0°♋	
morning set	-5007 Sep 03 j 11:08	24°♋11'46	
	-5007 Sep 07 j 00:52	0°♌	
superior conj	-5007 Sep 18 j 15:15	18°♌32'50	0°16'30
minimum elong	-5007 Sep 18 j 17:23	18°♌41'16	0°16'24
max. Earth dist.	-5007 Sep 20 j 09:34	21°♌19'57	1.44759 AU
desc. node	-5007 Sep 21 j 06:18	22°♌41'45	
	-5007 Sep 25 j 21:39	0°♍	
evening rise	-5007 Oct 05 j 03:19	14°♍31'44	
	-5007 Oct 14 j 23:55	0°♎	
greatest brilliancy	-5007 Oct 17 j 14:08	3°♎59'03	-0.7m
evening max el	-5007 Oct 28 j 02:56	18°♎09'50	19°17'21
retrograde	-5007 Nov 04 j 05:08	22°♎14'39	
asc. node	-5007 Nov 05 j 01:05	22°♎10'40	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening set	-5007 Nov 07 j 10:44	21°♎13'51	
inferior conj	-5007 Nov 13 j 03:58	15°♎19'12	2°31'54
minimum elong	-5007 Nov 13 j 00:58	15°♎28'47	2°30'52
min. Earth dist.	-5007 Nov 14 j 11:20	13°♎39'25	0.65845 AU
morning rise	-5007 Nov 18 j 14:22	9°♎06'32	
direct	-5007 Nov 24 j 20:53	6°♎24'05	
morning max el	-5007 Dec 07 j 11:10	13°♎46'43	26°12'55
desc. node	-5007 Dec 18 j 06:29	26°♎37'27	
	-5007 Dec 20 j 17:37	0°♏	
	-5006 Jan 08 j 15:02	0°♐	
morning set	-5006 Jan 12 j 13:40	7°♐10'49	
max. Earth dist.	-5006 Jan 16 j 16:17	15°♐01'07	1.35433 AU
superior conj	-5006 Jan 21 j 13:28	24°♐46'13	-1°-30'-7
minimum elong	-5006 Jan 21 j 16:27	25°♐01'24	1°30'03
	-5006 Jan 24 j 02:34	0°♑	
evening rise	-5006 Jan 29 j 08:12	10°♑49'42	
asc. node	-5006 Jan 31 j 23:58	16°♑12'04	
	-5006 Feb 08 j 14:17	0°♒	
evening max el	-5006 Feb 16 j 22:48	10°♒43'53	20°30'51
retrograde	-5006 Feb 27 j 18:25	15°♒51'45	
evening set	-5006 Mar 02 j 03:43	15°♒37'47	
inferior conj	-5006 Mar 11 j 02:23	11°♒39'32	1°23'09
minimum elong	-5006 Mar 11 j 05:55	11°♒34'22	1°21'48
min. Earth dist.	-5006 Mar 12 j 14:15	10°♒47'06	0.55464 AU
desc. node	-5006 Mar 16 j 05:43	8°♒49'30	
morning rise	-5006 Mar 20 j 06:10	7°♒20'17	
direct	-5006 Mar 23 j 18:02	6°♒53'41	
morning max el	-5006 Apr 06 j 03:59	13°♒27'51	23°11'08
	-5006 Apr 18 j 17:39	0°♓	
morning set	-5006 Apr 29 j 04:01	19°♓49'22	
asc. node	-5006 Apr 29 j 23:43	21°♓32'35	
	-5006 May 03 j 22:57	0°♈	
superior conj	-5006 May 06 j 08:32	5°♈08'10	1°01'22
minimum elong	-5006 May 06 j 06:09	4°♈55'24	1°00'58
max. Earth dist.	-5006 May 08 j 18:13	10°♈13'31	1.33882 AU
evening rise	-5006 May 14 j 01:26	21°♈03'56	
	-5006 May 18 j 17:03	0°♉	
	-5006 Jun 06 j 09:40	0°♊	
desc. node	-5006 Jun 12 j 04:07	7°♊14'56	
evening max el	-5006 Jun 17 j 00:58	12°♊26'21	27°21'27
retrograde	-5006 Jun 30 j 14:12	19°♊51'48	
evening set	-5006 Jul 07 j 16:10	17°♊07'48	
min. Earth dist.	-5006 Jul 11 j 08:16	13°♊43'47	0.64173 AU
inferior conj	-5006 Jul 13 j 17:55	11°♊08'57	-3°-35'-45
minimum elong	-5006 Jul 13 j 21:21	10°♊59'42	3°34'48
morning rise	-5006 Jul 20 j 04:13	5°♊43'16	
direct	-5006 Jul 22 j 20:54	5°♊06'00	
asc. node	-5006 Jul 26 j 23:25	6°♊31'22	
morning max el	-5006 Jul 29 j 09:04	8°♊32'59	18°04'11
	-5006 Aug 12 j 18:02	0°♋	
morning set	-5006 Aug 15 j 22:43	5°♋27'17	
superior conj	-5006 Aug 29 j 03:02	27°♋27'42	1°00'21
minimum elong	-5006 Aug 29 j 08:53	27°♋51'26	0°59'55
	-5006 Aug 30 j 16:39	0°♌	
max. Earth dist.	-5006 Sep 03 j 02:33	5°♌28'22	1.44179 AU
desc. node	-5006 Sep 08 j 03:16	13°♌25'35	
evening rise	-5006 Sep 14 j 13:52	23°♌27'34	
	-5006 Sep 18 j 19:48	0°♍	
greatest brilliancy	-5006 Oct 04 j 11:25	23°♍11'09	-0.6m
	-5006 Oct 09 j 20:09	0°♎	
evening max el	-5006 Oct 11 j 07:41	1°♎36'26	20°13'13
retrograde	-5006 Oct 19 j 02:21	6°♎10'22	
evening set	-5006 Oct 22 j 16:58	4°♎54'43	
asc. node	-5006 Oct 22 j 22:15	4°♎45'10	
	-5006 Oct 27 j 08:02	30°℞♍	
inferior conj	-5006 Oct 28 j 05:33	28°♍48'30	1°44'26
minimum elong	-5006 Oct 28 j 03:18	28°♍56'04	1°43'35
min. Earth dist.	-5006 Oct 29 j 00:45	27°♍44'16	0.66666 AU
morning rise	-5006 Nov 02 j 13:03	22°♍31'31	
direct	-5006 Nov 08 j 04:51	20°♍04'40	
morning max el	-5006 Nov 19 j 20:13	26°♍59'54	24°57'06
	-5006 Nov 22 j 15:47	0°♎	
desc. node	-5006 Dec 05 j 03:26	16°♎07'27	
	-5006 Dec 14 j 09:13	0°♏	
morning set	-5006 Dec 25 j 21:57	19°♏17'37	
max. Earth dist.	-5006 Dec 29 j 16:59	26°♏09'34	1.37178 AU
	-5006 Dec 31 j 18:23	0°♐	
superior conj	-5005 Jan 05 j 01:57	8°♐17'49	-1°-44'-55
minimum elong	-5005 Jan 05 j 04:19	8°♐29'23	1°45'01
evening rise	-5005 Jan 13 j 10:52	25°♐01'19	
	-5005 Jan 15 j 23:09	0°♑	
asc. node	-5005 Jan 18 j 21:02	5°♑33'45	
evening max el	-5005 Jan 30 j 13:37	22°♑36'13	19°25'32
retrograde	-5005 Feb 08 j 18:15	26°♑58'07	
evening set	-5005 Feb 11 j 03:04	26°♑42'02	
inferior conj	-5005 Feb 19 j 10:28	22°♑34'24	2°54'02
minimum elong	-5005 Feb 19 j 15:36	22°♑25'56	2°52'32
min. Earth dist.	-5005 Feb 22 j 05:00	20°♑45'33	0.56546 AU
morning rise	-5005 Feb 28 j 00:32	17°♑46'00	
desc. node	-5005 Mar 03 j 02:52	17°♑01'34	
direct	-5005 Mar 04 j 17:15	16°♑55'37	
morning max el	-5005 Mar 18 j 19:21	24°♑05'00	24°49'13
	-5005 Mar 24 j 04:15	0°♒	
	-5005 Apr 11 j 07:38	0°♓	
morning set	-5005 Apr 13 j 16:20	4°♓52'47	
asc. node	-5005 Apr 16 j 20:39	11°♓39'28	
superior conj	-5005 Apr 20 j 17:47	20°♓04'19	0°39'10
minimum elong	-5005 Apr 20 j 16:09	19°♓55'23	0°38'47
max. Earth dist.	-5005 Apr 22 j 01:41	22°♓56'46	1.33123 AU
	-5005 Apr 25 j 09:06	0°♈	
evening rise	-5005 Apr 28 j 01:32	5°♈33'23	
	-5005 May 11 j 08:18	0°♉	
desc. node	-5005 May 30 j 01:17	24°♉53'04	
evening max el	-5005 May 30 j 09:30	25°♉12'55	27°21'23
	-5005 Jun 05 j 08:41	0°♊	
retrograde	-5005 Jun 13 j 06:06	2°♊38'14	
evening set	-5005 Jun 20 j 08:02	0°♊11'14	
	-5005 Jun 20 j 14:30	30°℞♉	
min. Earth dist.	-5005 Jun 23 j 22:18	27°♉14'53	0.62459 AU
inferior conj	-5005 Jun 26 j 21:18	24°♉24'40	-4°-2'-38
minimum elong	-5005 Jun 26 j 23:40	24°♉18'59	4°02'11
morning rise	-5005 Jul 03 j 17:44	19°♉18'27	
direct	-5005 Jul 06 j 07:13	18°♉48'36	
morning max el	-5005 Jul 12 j 23:40	22°♉12'30	17°57'20
asc. node	-5005 Jul 13 j 20:28	23°♉06'15	
	-5005 Jul 19 j 00:20	0°♊	
morning set	-5005 Jul 29 j 08:31	17°♊45'57	
	-5005 Aug 05 j 06:08	0°♋	
superior conj	-5005 Aug 09 j 16:49	7°♋39'41	1°30'35
minimum elong	-5005 Aug 09 j 21:49	8°♋00'58	1°30'26
max. Earth dist.	-5005 Aug 16 j 15:07	19°♋11'33	1.42967 AU
	-5005 Aug 23 j 09:15	0°♌	
evening rise	-5005 Aug 24 j 17:23	2°♌05'54	
desc. node	-5005 Aug 26 j 00:15	4°♌06'04	
	-5005 Sep 12 j 09:20	0°♍	
greatest brilliancy	-5005 Sep 19 j 01:24	8°♍59'46	-0.4m
evening max el	-5005 Sep 24 j 06:16	15°♍01'26	21°22'02
retrograde	-5005 Oct 02 j 23:00	20°♍10'47	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening set	-5005 Oct 07 j 00:56	18°♍37'37	
asc. node	-5005 Oct 09 j 19:26	15°♍50'54	
inferior conj	-5005 Oct 12 j 10:29	12°♍23'26	0°53'15
minimum elong	-5005 Oct 12 j 09:17	12°♍27'36	0°52'50
min. Earth dist.	-5005 Oct 12 j 18:48	11°♍54'53	0.67170 AU
morning rise	-5005 Oct 17 j 17:17	6°♍05'14	
direct	-5005 Oct 22 j 17:48	3°♍58'24	
morning max el	-5005 Nov 02 j 05:30	10°♍14'44	23°32'03
	-5005 Nov 17 j 20:20	0°♎	
desc. node	-5005 Nov 22 j 00:22	6°♎04'01	
morning set	-5005 Dec 07 j 05:51	0°♏09'10	
	-5005 Dec 07 j 03:41	0°♏	
max. Earth dist.	-5005 Dec 11 j 12:44	7°♏30'38	1.39192 AU
superior conj	-5005 Dec 19 j 00:45	21°♏04'41	-1°-52'-23
minimum elong	-5005 Dec 19 j 01:20	21°♏07'23	1°52'35
	-5005 Dec 23 j 17:33	0°♐	
evening rise	-5005 Dec 28 j 06:03	8°♐45'13	
asc. node	-5004 Jan 05 j 18:07	24°♐27'04	
	-5004 Jan 09 j 08:20	0°♑	
evening max el	-5004 Jan 13 j 13:59	5°♑02'14	18°39'50
retrograde	-5004 Jan 21 j 11:20	8°♑51'43	
evening set	-5004 Jan 23 j 22:25	8°♑30'46	
inferior conj	-5004 Jan 31 j 13:45	4°♑04'36	3°47'16
minimum elong	-5004 Jan 31 j 16:57	3°♑58'30	3°46'34
min. Earth dist.	-5004 Feb 03 j 21:49	1°♑33'11	0.58242 AU
	-5004 Feb 06 j 04:56	30°℞♐	
morning rise	-5004 Feb 08 j 07:53	28°♐49'42	
direct	-5004 Feb 14 j 05:50	27°♐22'46	
desc. node	-5004 Feb 17 j 23:58	27°♐57'18	
	-5004 Feb 22 j 09:55	0°♑	
morning max el	-5004 Feb 28 j 11:33	4°♑50'40	26°15'13
	-5004 Mar 17 j 19:44	0°♒	
morning set	-5004 Mar 28 j 03:57	19°♒54'33	
	-5004 Apr 01 j 21:00	0°♓	
asc. node	-5004 Apr 02 j 17:37	1°♓52'30	
superior conj	-5004 Apr 04 j 05:10	5°♓06'43	0°15'19
minimum elong	-5004 Apr 04 j 04:30	5°♓03'04	0°15'03
behind sun begin	-5004 Apr 04 j 03:00	4°♓54'57	
behind sun end	-5004 Apr 04 j 05:59	5°♓11'11	
max. Earth dist.	-5004 Apr 04 j 14:03	5°♓55'17	1.32708 AU
evening rise	-5004 Apr 11 j 07:38	20°♓21'05	
	-5004 Apr 16 j 03:14	0°♈	
	-5004 May 04 j 21:46	0°♉	
evening max el	-5004 May 11 j 13:27	7°♉23'14	26°48'33
desc. node	-5004 May 15 j 22:27	11°♉03'49	
retrograde	-5004 May 25 j 14:34	14°♉44'50	
evening set	-5004 Jun 01 j 06:00	12°♉48'31	
min. Earth dist.	-5004 Jun 05 j 02:59	10°♉05'31	0.60492 AU
inferior conj	-5004 Jun 08 j 10:51	7°♉17'52	-4°-12'-24
minimum elong	-5004 Jun 08 j 10:51	7°♉17'51	4°12'16
morning rise	-5004 Jun 15 j 19:00	2°♉32'56	
direct	-5004 Jun 18 j 06:49	2°♉08'44	
morning max el	-5004 Jun 25 j 11:50	5°♉39'53	18°09'29
asc. node	-5004 Jun 29 j 17:30	10°♉43'06	
	-5004 Jul 10 j 23:30	0°♊	
morning set	-5004 Jul 11 j 11:18	0°♊55'03	
superior conj	-5004 Jul 21 j 09:25	19°♊11'48	1°46'05
minimum elong	-5004 Jul 21 j 11:37	19°♊21'40	1°46'15
	-5004 Jul 27 j 13:45	0°♋	
max. Earth dist.	-5004 Jul 28 j 22:07	2°♋17'12	1.41295 AU
evening rise	-5004 Aug 03 j 10:33	11°♋24'05	
desc. node	-5004 Aug 11 j 21:14	24°♋39'48	
	-5004 Aug 15 j 10:12	0°♌	
greatest brilliancy	-5004 Sep 01 j 03:43	23°♌03'24	-0.3m
evening max el	-5004 Sep 05 j 22:52	28°♌25'59	22°39'46
	-5004 Sep 07 j 14:00	0°♍	
retrograde	-5004 Sep 15 j 17:27	4°♍13'51	
evening set	-5004 Sep 20 j 08:48	2°♍21'06	
	-5004 Sep 22 j 16:34	30°℞♌	
inferior conj	-5004 Sep 25 j 16:55	26°♌02'24	0°00'17
minimum elong	-5004 Sep 25 j 16:54	26°♌02'27	0°00'26
transit middle	-5004 Sep 25 j 16:54	26°♌02'27	0°00'26
transit begin	-5004 Sep 25 j 14:13	26°♌11'45	
transit end	-5004 Sep 25 j 19:36	25°♌53'08	
min. Earth dist.	-5004 Sep 25 j 14:58	26°♌09'09	0.67377 AU
asc. node	-5004 Sep 25 j 16:36	26°♌03'31	
morning rise	-5004 Oct 01 j 00:54	19°♌46'15	
direct	-5004 Oct 05 j 10:54	18°♌00'42	
morning max el	-5004 Oct 14 j 18:00	23°♌32'49	22°06'53
greatest brilliancy	-5004 Oct 19 j 13:17	29°♌00'28	-0.4m
	-5004 Oct 20 j 08:24	0°♍	
desc. node	-5004 Nov 07 j 21:15	26°♍19'13	
	-5004 Nov 10 j 06:46	0°♎	
morning set	-5004 Nov 16 j 09:12	9°♎36'52	
max. Earth dist.	-5004 Nov 22 j 11:42	19°♎37'11	1.41222 AU
	-5004 Nov 28 j 13:18	0°♏	
superior conj	-5004 Nov 30 j 04:36	2°♏52'51	-1°-49'-17
minimum elong	-5004 Nov 30 j 02:07	2°♏41'54	1°49'21
evening rise	-5004 Dec 10 j 14:32	21°♏53'40	
	-5004 Dec 14 j 23:58	0°♐	
asc. node	-5004 Dec 22 j 15:13	12°♐42'22	
evening max el	-5004 Dec 26 j 21:19	17°♐53'27	18°14'10
retrograde	-5003 Jan 02 j 22:25	21°♐25'57	
evening set	-5003 Jan 05 j 11:47	20°♐58'51	
inferior conj	-5003 Jan 12 j 12:58	16°♐10'28	4°05'42
minimum elong	-5003 Jan 12 j 13:12	16°♐09'56	4°05'26
min. Earth dist.	-5003 Jan 15 j 19:18	13°♐18'40	0.60214 AU
morning rise	-5003 Jan 19 j 11:49	10°♐35'45	
direct	-5003 Jan 26 j 05:34	8°♐30'40	
desc. node	-5003 Feb 03 j 21:03	11°♐34'15	
morning max el	-5003 Feb 09 j 09:01	16°♐07'06	27°15'15
	-5003 Feb 20 j 18:53	0°♑	
	-5003 Mar 10 j 04:44	0°♒	
morning set	-5003 Mar 12 j 12:59	4°♒46'47	
max. Earth dist.	-5003 Mar 19 j 03:34	18°♒55'09	1.32626 AU
superior conj	-5003 Mar 19 j 16:52	20°♒07'51	0°-9'-22
minimum elong	-5003 Mar 19 j 17:17	20°♒10'10	0°09'30
behind sun begin	-5003 Mar 19 j 13:15	19°♒48'05	
behind sun end	-5003 Mar 19 j 21:19	20°♒32'14	
asc. node	-5003 Mar 20 j 14:34	22°♒06'34	
	-5003 Mar 24 j 05:40	0°♓	
evening rise	-5003 Mar 26 j 17:21	5°♓17'23	
	-5003 Apr 08 j 22:43	0°♈	
evening max el	-5003 Apr 23 j 11:17	18°♈51'45	25°45'10
desc. node	-5003 May 02 j 19:37	25°♈12'31	
retrograde	-5003 May 07 j 13:32	26°♈05'56	
evening set	-5003 May 13 j 06:50	24°♈47'29	
min. Earth dist.	-5003 May 17 j 23:52	22°♈01'30	0.58472 AU
inferior conj	-5003 May 21 j 06:51	19°♈38'11	-3°-56'-29
minimum elong	-5003 May 21 j 03:36	19°♈44'08	3°56'02
morning rise	-5003 May 29 j 04:21	15°♈14'49	
direct	-5003 May 31 j 15:19	14°♈55'11	
morning max el	-5003 Jun 08 j 18:43	18°♈46'06	18°41'34
asc. node	-5003 Jun 16 j 14:29	29°♈07'26	
	-5003 Jun 17 j 03:07	0°♉	
morning set	-5003 Jun 25 j 02:29	14°♉42'53	
	-5003 Jul 03 j 00:23	0°♊	
superior conj	-5003 Jul 03 j 23:48	1°♊50'36	1°49'18

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5003 Jul	03 j 23:26	1°♊48'52	1°49'32
max. Earth dist.	-5003 Jul	11 j 00:47	14°♊41'44	1.39379 AU
evening rise	-5003 Jul	15 j 05:02	21°♊55'48	
	-5003 Jul	20 j 01:44	0°♋	
desc. node	-5003 Jul	29 j 18:14	15°♋02'39	
	-5003 Aug	09 j 09:39	0°♌	
evening max el	-5003 Aug	19 j 11:08	11°♌52'11	24°00'43
retrograde	-5003 Aug	30 j 08:35	18°♌17'04	
evening set	-5003 Sep	04 j 14:47	16°♌04'10	
inferior conj	-5003 Sep	09 j 23:07	9°♌44'13	0°-52'-46
minimum elong	-5003 Sep	10 j 00:20	9°♌40'06	0°52'03
min. Earth dist.	-5003 Sep	09 j 10:47	10°♌26'07	0.67288 AU
asc. node	-5003 Sep	12 j 13:44	6°♌20'55	
morning rise	-5003 Sep	15 j 10:02	3°♌33'23	
direct	-5003 Sep	19 j 07:03	2°♌08'00	
morning max el	-5003 Sep	27 j 12:47	6°♌58'38	20°48'48
greatest brilliancy	-5003 Oct	03 j 11:43	14°♌02'48	-0.5m
	-5003 Oct	14 j 17:15	0°♍	
desc. node	-5003 Oct	25 j 18:07	16°♍47'28	
morning set	-5003 Oct	26 j 13:18	18°♍02'03	
	-5003 Nov	03 j 02:53	0°♎	
max. Earth dist.	-5003 Nov	04 j 18:13	2°♎38'45	1.42973 AU
superior conj	-5003 Nov	11 j 07:44	13°♎28'13	-1°-32'-2
minimum elong	-5003 Nov	11 j 01:58	13°♎04'02	1°31'37
	-5003 Nov	20 j 21:57	0°♏	
evening rise	-5003 Nov	23 j 08:29	4°♏18'43	
	-5003 Dec	09 j 09:25	0°♐	
asc. node	-5003 Dec	09 j 12:21	0°♐08'08	
evening max el	-5003 Dec	10 j 08:46	1°♐01'59	18°08'12
retrograde	-5003 Dec	16 j 23:55	4°♐30'49	
evening set	-5003 Dec	19 j 15:52	3°♐56'38	
	-5003 Dec	24 j 23:43	30°℞♏	
inferior conj	-5003 Dec	26 j 05:22	28°♏46'27	3°58'20
minimum elong	-5003 Dec	26 j 03:22	28°♏51'27	3°57'55
min. Earth dist.	-5003 Dec	29 j 00:55	25°♏56'57	0.62148 AU
morning rise	-5002 Jan	01 j 12:50	22°♏56'50	
direct	-5002 Jan	08 j 14:20	20°♏23'03	
desc. node	-5002 Jan	21 j 18:06	27°♏19'14	
morning max el	-5002 Jan	22 j 12:51	28°♏04'19	27°40'50
	-5002 Jan	24 j 10:08	0°♐	
	-5002 Feb	14 j 11:23	0°♑	
morning set	-5002 Feb	24 j 17:24	19°♑22'16	
	-5002 Mar	01 j 19:18	0°♒	
max. Earth dist.	-5002 Mar	02 j 14:23	1°♒42'32	1.32889 AU
superior conj	-5002 Mar	04 j 03:16	5°♒01'52	0°-34'-2
minimum elong	-5002 Mar	04 j 04:46	5°♒09'59	0°33'59
asc. node	-5002 Mar	07 j 11:32	12°♒17'40	
evening rise	-5002 Mar	11 j 04:46	20°♒15'14	
	-5002 Mar	15 j 23:55	0°♓	
evening max el	-5002 Apr	05 j 04:06	29°♓46'19	24°19'47
	-5002 Apr	05 j 09:52	0°♈	
retrograde	-5002 Apr	19 j 00:59	6°♈44'39	
desc. node	-5002 Apr	19 j 16:48	6°♈43'39	
evening set	-5002 Apr	23 j 11:51	6°♈00'12	
min. Earth dist.	-5002 Apr	29 j 16:02	2°♈56'53	0.56703 AU
inferior conj	-5002 May	02 j 06:49	1°♈17'36	-3°-5'-18
minimum elong	-5002 May	02 j 01:17	1°♈26'25	3°04'03
	-5002 May	04 j 08:49	30°℞♓	
morning rise	-5002 May	10 j 18:46	27°♓12'25	
direct	-5002 May	13 j 05:11	26°♓56'22	
	-5002 May	21 j 03:18	0°♈	
morning max el	-5002 May	22 j 17:34	1°♈21'49	19°34'02
asc. node	-5002 Jun	03 j 11:26	18°♈07'50	
morning set	-5002 Jun	09 j 02:29	28°♈59'50	
	-5002 Jun	09 j 14:31	0°♉	
superior conj	-5002 Jun	17 j 06:18	15°♉19'59	1°43'16
minimum elong	-5002 Jun	17 j 04:19	15°♉10'10	1°43'20
max. Earth dist.	-5002 Jun	23 j 02:57	26°♉34'13	1.37477 AU
	-5002 Jun	24 j 23:35	0°♊	
evening rise	-5002 Jun	27 j 01:08	3°♊43'39	
	-5002 Jul	13 j 02:44	0°♋	
desc. node	-5002 Jul	16 j 15:17	5°♋08'46	
evening max el	-5002 Aug	01 j 21:34	25°♋20'37	25°17'41
	-5002 Aug	07 j 11:27	0°♌	
retrograde	-5002 Aug	13 j 19:39	2°♌15'54	
	-5002 Aug	19 j 09:55	30°℞♋	
evening set	-5002 Aug	19 j 17:03	29°♋44'52	
min. Earth dist.	-5002 Aug	24 j 03:53	24°♋43'33	0.66882 AU
inferior conj	-5002 Aug	25 j 03:21	23°♋26'48	-1°-44'-16
minimum elong	-5002 Aug	25 j 05:41	23°♋19'10	1°43'07
asc. node	-5002 Aug	30 j 10:51	17°♋38'13	
morning rise	-5002 Aug	30 j 18:49	17°♋24'26	
direct	-5002 Sep	03 j 04:55	16°♋16'37	
morning max el	-5002 Sep	10 j 14:48	20°♋33'04	19°42'33
	-5002 Sep	18 j 03:29	0°♌	
greatest brilliancy	-5002 Sep	18 j 22:56	1°♌09'10	-0.6m
morning set	-5002 Oct	05 j 13:21	26°♌22'06	
	-5002 Oct	07 j 21:22	0°♍	
desc. node	-5002 Oct	12 j 14:59	7°♍24'06	
max. Earth dist.	-5002 Oct	18 j 07:07	16°♍21'21	1.44202 AU
superior conj	-5002 Oct	22 j 07:05	22°♍44'53	0°-58'-29
minimum elong	-5002 Oct	22 j 00:51	22°♍19'47	0°57'42
	-5002 Oct	26 j 18:28	0°♎	
evening rise	-5002 Nov	05 j 07:09	15°♎50'10	
	-5002 Nov	13 j 17:51	0°♏	
evening max el	-5002 Nov	23 j 21:28	14°♏20'40	18°21'14
asc. node	-5002 Nov	26 j 09:30	16°♏29'54	
retrograde	-5002 Nov	30 j 11:21	17°♏56'36	
evening set	-5002 Dec	03 j 07:01	17°♏13'57	
inferior conj	-5002 Dec	09 j 11:07	11°♏44'14	3°33'22
minimum elong	-5002 Dec	09 j 08:03	11°♏52'54	3°32'36
min. Earth dist.	-5002 Dec	11 j 16:34	9°♏14'20	0.63844 AU
morning rise	-5002 Dec	15 j 07:35	5°♏43'22	
direct	-5002 Dec	22 j 06:48	2°♏55'09	
morning max el	-5001 Jan	04 j 21:04	10°♏37'03	27°30'32
desc. node	-5001 Jan	08 j 15:05	14°♏36'53	
	-5001 Jan	20 j 06:03	0°♐	
	-5001 Feb	06 j 19:15	0°♑	
morning set	-5001 Feb	08 j 14:37	3°♑32'12	
max. Earth dist.	-5001 Feb	13 j 18:28	14°♑03'34	1.33528 AU
superior conj	-5001 Feb	16 j 10:38	19°♑42'45	0°-57'-44
minimum elong	-5001 Feb	16 j 13:02	19°♑55'32	0°57'35
	-5001 Feb	21 j 05:54	0°♒	
asc. node	-5001 Feb	22 j 08:32	2°♒21'44	
evening rise	-5001 Feb	23 j 16:07	5°♒08'14	
	-5001 Mar	09 j 06:34	0°♓	
evening max el	-5001 Mar	17 j 20:58	10°♓30'40	22°45'54
retrograde	-5001 Mar	31 j 00:20	16°♓56'36	
evening set	-5001 Apr	03 j 06:05	16°♓33'35	
desc. node	-5001 Apr	06 j 13:59	15°♓26'31	
min. Earth dist.	-5001 Apr	11 j 06:43	13°♓00'48	0.55527 AU
inferior conj	-5001 Apr	12 j 12:30	12°♓17'54	-1°-35'-37
minimum elong	-5001 Apr	12 j 08:24	12°♓23'49	1°34'26
morning rise	-5001 Apr	21 j 13:13	8°♓20'17	
direct	-5001 Apr	24 j 01:36	8°♓05'24	
morning max el	-5001 May	05 j 06:16	13°♓19'38	20°46'12
	-5001 May	17 j 07:32	0°♈	
asc. node	-5001 May	21 j 08:23	7°♈35'39	
morning set	-5001 May	24 j 08:39	13°♈38'44	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5001 Jun 01 j 00:21	29°♈26'46	1°30'32
minimum elong	-5001 May 31 j 21:40	29°♈13'04	1°30'22
	-5001 Jun 01 j 06:51	0°♉	
max. Earth dist.	-5001 Jun 05 j 10:45	8°♉20'26	1.35806 AU
evening rise	-5001 Jun 09 j 18:08	16°♉36'04	
	-5001 Jun 17 j 06:17	0°♊	
desc. node	-5001 Jul 03 j 12:24	24°♊50'46	
	-5001 Jul 07 j 11:29	0°♋	
evening max el	-5001 Jul 15 j 08:19	8°♋50'11	26°22'38
retrograde	-5001 Jul 28 j 02:11	16°♋05'07	
evening set	-5001 Aug 03 j 13:30	13°♋21'30	
min. Earth dist.	-5001 Aug 07 j 16:00	8°♋58'48	0.66128 AU
inferior conj	-5001 Aug 09 j 03:47	7°♋08'26	-2°-32'-22
minimum elong	-5001 Aug 09 j 06:59	6°♋58'34	2°31'04
morning rise	-5001 Aug 15 j 01:21	1°♋17'39	
asc. node	-5001 Aug 17 j 07:56	0°♋27'38	
direct	-5001 Aug 18 j 02:51	0°♋24'06	
morning max el	-5001 Aug 24 j 23:10	4°♋14'49	18°51'06
	-5001 Sep 11 j 18:29	0°♌	
morning set	-5001 Sep 15 j 07:04	5°♌37'06	
desc. node	-5001 Sep 29 j 11:54	28°♌06'10	
	-5001 Sep 30 j 16:47	0°♍	

superior conj	-5001 Oct 01 j 09:50	1°♍07'13	0°-12'-1
minimum elong	-5001 Oct 01 j 08:16	1°♍01'05	0°11'41
behind sun begin	-5001 Oct 01 j 00:11	0°♍29'12	
behind sun end	-5001 Oct 01 j 16:21	1°♍32'57	
max. Earth dist.	-5001 Sep 30 j 23:49	0°♍27'44	1.44766 AU
evening rise	-5001 Oct 17 j 06:07	26°♍19'14	
	-5001 Oct 19 j 12:57	0°♎	
evening max el	-5001 Nov 07 j 08:56	27°♎45'19	18°52'06
	-5001 Nov 09 j 21:53	0°♏	
asc. node	-5001 Nov 13 j 06:40	1°♏32'28	
retrograde	-5001 Nov 14 j 04:46	1°♏37'14	
evening set	-5001 Nov 17 j 06:05	0°♏43'55	
	-5001 Nov 18 j 08:12	30°℞♎	
inferior conj	-5001 Nov 23 j 02:48	24°♎57'41	2°56'42
minimum elong	-5001 Nov 22 j 23:34	25°♎07'35	2°55'41
min. Earth dist.	-5001 Nov 24 j 17:59	22°♎57'47	0.65217 AU
morning rise	-5001 Nov 28 j 15:58	18°♎48'28	
direct	-5001 Dec 05 j 05:57	16°♎00'15	
morning max el	-5001 Dec 18 j 06:45	23°♎33'46	26°48'26
	-5001 Dec 24 j 02:07	0°♏	
desc. node	-5001 Dec 26 j 12:03	3°♏00'20	
	-5000 Jan 13 j 13:33	0°♐	
morning set	-5000 Jan 23 j 01:14	17°♐05'13	
max. Earth dist.	-5000 Jan 27 j 12:09	25°♐48'59	1.34601 AU
	-5000 Jan 29 j 13:40	0°♑	

superior conj	-5000 Jan 31 j 12:52	4°♑03'22	-1°-19'-17
minimum elong	-5000 Jan 31 j 15:48	4°♑18'37	1°19'09
evening rise	-5000 Feb 08 j 01:38	19°♑49'50	
asc. node	-5000 Feb 09 j 05:35	22°♑13'45	
	-5000 Feb 13 j 03:34	0°♒	
evening max el	-5000 Feb 27 j 20:01	21°♒30'47	21°16'33
retrograde	-5000 Mar 10 j 14:41	27°♒08'07	
evening set	-5000 Mar 13 j 03:29	26°♒53'24	
inferior conj	-5000 Mar 22 j 08:25	22°♒54'18	0°18'22
minimum elong	-5000 Mar 22 j 09:15	22°♒53'07	0°17'55
min. Earth dist.	-5000 Mar 22 j 21:07	22°♒36'18	0.55213 AU
desc. node	-5000 Mar 23 j 11:09	22°♒16'30	
morning rise	-5000 Mar 31 j 14:29	18°♒47'22	
direct	-5000 Apr 03 j 14:08	18°♒27'48	
morning max el	-5000 Apr 16 j 08:05	24°♒35'38	22°15'04
	-5000 Apr 21 j 05:35	0°♓	
asc. node	-5000 May 07 j 05:20	27°♓23'03	
morning set	-5000 May 07 j 18:39	28°♓31'58	

	-5000 May 08 j 11:32	0°♈	
superior conj	-5000 May 15 j 02:18	13°♈59'04	1°13'03
minimum elong	-5000 May 14 j 23:39	13°♈45'07	1°12'42
max. Earth dist.	-5000 May 18 j 04:23	20°♈24'45	1.34481 AU
	-5000 May 22 j 23:11	0°♉	
evening rise	-5000 May 23 j 02:35	0°♉16'32	
	-5000 Jun 09 j 07:25	0°♊	
desc. node	-5000 Jun 19 j 09:33	13°♊57'18	
evening max el	-5000 Jun 26 j 19:41	22°♊12'49	27°07'33
retrograde	-5000 Jul 10 j 03:28	29°♊36'27	
evening set	-5000 Jul 17 j 01:30	26°♊49'25	
min. Earth dist.	-5000 Jul 20 j 20:52	23°♊04'50	0.64999 AU
inferior conj	-5000 Jul 22 j 22:13	20°♊44'28	-3°-14'-55
minimum elong	-5000 Jul 23 j 01:47	20°♊34'18	3°13'47
morning rise	-5000 Jul 29 j 03:24	15°♊08'26	
direct	-5000 Jul 31 j 22:40	14°♊25'59	
asc. node	-5000 Aug 03 j 05:00	14°♊53'21	
morning max el	-5000 Aug 07 j 11:52	17°♊59'20	18°16'12
	-5000 Aug 16 j 07:37	0°♋	
morning set	-5000 Aug 26 j 03:41	16°♋09'52	
	-5000 Sep 03 j 13:40	0°♌	

superior conj	-5000 Sep 09 j 11:56	9°♌32'09	0°36'26
minimum elong	-5000 Sep 09 j 16:14	9°♌49'19	0°36'05
max. Earth dist.	-5000 Sep 12 j 17:34	14°♌40'31	1.44601 AU
desc. node	-5000 Sep 15 j 08:52	18°♌50'15	
	-5000 Sep 22 j 11:50	0°♍	
evening rise	-5000 Sep 26 j 04:08	5°♍44'13	
	-5000 Oct 12 j 00:33	0°♎	
greatest brilliancy	-5000 Oct 12 j 07:52	0°♎26'34	-0.7m
evening max el	-5000 Oct 20 j 16:47	11°♎12'32	19°39'25
retrograde	-5000 Oct 28 j 01:14	15°♎28'35	
asc. node	-5000 Oct 30 j 03:49	15°♎02'46	
evening set	-5000 Oct 31 j 10:23	14°♎21'53	
inferior conj	-5000 Nov 06 j 01:28	8°♎22'12	2°12'20
minimum elong	-5000 Nov 05 j 22:43	8°♎31'07	2°11'21
min. Earth dist.	-5000 Nov 07 j 03:33	6°♎57'12	0.66239 AU
morning rise	-5000 Nov 11 j 10:21	2°♎07'26	
	-5000 Nov 14 j 19:01	30°℞♍	
direct	-5000 Nov 17 j 10:57	29°♍30'32	
	-5000 Nov 20 j 06:49	0°♎	
morning max el	-5000 Nov 29 j 15:58	6°♎42'58	25°42'20
desc. node	-5000 Dec 12 j 09:02	22°♎10'26	
	-5000 Dec 17 j 20:01	0°♏	
morning set	-4999 Jan 04 j 20:45	29°♏48'02	
	-4999 Jan 04 j 23:22	0°♐	
max. Earth dist.	-4999 Jan 08 j 18:14	7°♐04'16	1.36126 AU

superior conj	-4999 Jan 14 j 07:22	17°♐56'02	-1°-37'-8
minimum elong	-4999 Jan 14 j 10:12	18°♐10'16	1°37'07
	-4999 Jan 20 j 05:35	0°♑	
evening rise	-4999 Jan 22 j 07:27	4°♑14'29	
asc. node	-4999 Jan 26 j 02:39	11°♑48'30	
	-4999 Feb 06 j 08:52	0°♒	
evening max el	-4999 Feb 09 j 04:54	3°♒02'54	20°00'52
retrograde	-4999 Feb 19 j 07:06	7°♒49'20	
evening set	-4999 Feb 21 j 15:44	7°♒34'51	
inferior conj	-4999 Mar 02 j 08:22	3°♒34'30	2°05'52
minimum elong	-4999 Mar 02 j 13:07	3°♒27'15	2°04'14
min. Earth dist.	-4999 Mar 04 j 11:20	2°♒17'00	0.55829 AU
	-4999 Mar 08 j 18:07	30°℞♑	
desc. node	-4999 Mar 10 j 08:17	29°♑22'04	
morning rise	-4999 Mar 11 j 07:35	29°♑03'28	
direct	-4999 Mar 15 j 07:15	28°♑28'24	
	-4999 Mar 21 j 16:12	0°♒	
morning max el	-4999 Mar 29 j 01:30	5°♒19'35	23°53'18

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4999 Apr 15 j 10:36	0°♓	
morning set	-4999 Apr 22 j 06:38	13°♓33'26	
asc. node	-4999 Apr 24 j 02:19	17°♓24'18	
superior conj	-4999 Apr 29 j 09:30	28°♓48'23	0°52'14
minimum elong	-4999 Apr 29 j 07:23	28°♓37'01	0°51'49
	-4999 Apr 29 j 22:50	0°♈	
max. Earth dist.	-4999 May 01 j 07:43	2°♈55'35	1.33522 AU
evening rise	-4999 May 06 j 21:59	14°♈31'23	
	-4999 May 15 j 02:09	0°♉	
	-4999 Jun 04 j 07:23	0°♊	
desc. node	-4999 Jun 06 j 06:42	2°♊13'26	
evening max el	-4999 Jun 09 j 06:07	5°♊16'44	27°25'21
retrograde	-4999 Jun 22 j 22:44	12°♊41'43	
evening set	-4999 Jun 30 j 01:47	10°♊03'33	
min. Earth dist.	-4999 Jul 03 j 16:34	6°♊52'25	0.63491 AU
inferior conj	-4999 Jul 06 j 08:00	4°♊09'39	-3°-48'-49
minimum elong	-4999 Jul 06 j 11:08	4°♊01'36	3°48'05
	-4999 Jul 10 j 22:08	30°℞♉	
morning rise	-4999 Jul 12 j 22:23	28°♉51'37	
direct	-4999 Jul 15 j 13:34	28°♉17'37	
	-4999 Jul 20 j 03:16	0°♊	
asc. node	-4999 Jul 21 j 02:04	0°♊45'23	
morning max el	-4999 Jul 22 j 02:29	1°♊42'02	17°58'54
morning set	-4999 Aug 08 j 01:24	27°♊54'06	
	-4999 Aug 09 j 06:21	0°♋	
superior conj	-4999 Aug 20 j 09:52	18°♋56'51	1°15'03
minimum elong	-4999 Aug 20 j 15:48	19°♋21'23	1°14'42
max. Earth dist.	-4999 Aug 26 j 09:19	28°♋41'22	1.43741 AU
	-4999 Aug 27 j 04:55	0°♌	
desc. node	-4999 Sep 02 j 05:48	9°♌32'52	
evening rise	-4999 Sep 05 j 09:14	14°♌26'11	
	-4999 Sep 15 j 14:29	0°♍	
greatest brilliancy	-4999 Sep 27 j 18:55	17°♍27'47	-0.5m
evening max el	-4999 Oct 03 j 19:05	24°♍38'48	20°41'09
retrograde	-4999 Oct 11 j 22:18	29°♍26'38	
evening set	-4999 Oct 15 j 17:35	28°♍03'41	
asc. node	-4999 Oct 17 j 00:59	26°♍56'56	
inferior conj	-4999 Oct 21 j 04:41	21°♍53'48	1°23'01
minimum elong	-4999 Oct 21 j 02:51	22°♍00'03	1°22'20
min. Earth dist.	-4999 Oct 21 j 19:06	21°♍04'57	0.66924 AU
morning rise	-4999 Oct 26 j 11:40	15°♍36'12	
direct	-4999 Oct 31 j 21:00	13°♍17'36	
morning max el	-4999 Nov 12 j 00:42	19°♍56'31	24°21'29
	-4999 Nov 20 j 15:07	0°♎	
desc. node	-4999 Nov 29 j 05:58	11°♎52'48	
	-4999 Dec 11 j 00:31	0°♏	
morning set	-4999 Dec 17 j 19:18	11°♏23'56	
max. Earth dist.	-4999 Dec 21 j 16:08	18°♏14'38	1.38021 AU
	-4999 Dec 27 j 23:57	0°♐	
superior conj	-4999 Dec 28 j 14:33	1°♐09'55	-1°-49'-10
minimum elong	-4999 Dec 28 j 16:19	1°♐18'24	1°49'19
evening rise	-4998 Jan 06 j 07:14	18°♐14'58	
	-4998 Jan 12 j 10:37	0°♑	
asc. node	-4998 Jan 12 j 23:43	0°♑58'53	
evening max el	-4998 Jan 22 j 23:55	15°♑09'26	19°03'34
retrograde	-4998 Jan 31 j 13:48	19°♑15'41	
evening set	-4998 Feb 02 j 23:38	18°♑57'39	
inferior conj	-4998 Feb 11 j 00:00	14°♑42'29	3°21'20
minimum elong	-4998 Feb 11 j 04:37	14°♑34'24	3°20'10
min. Earth dist.	-4998 Feb 14 j 02:18	12°♑33'32	0.57216 AU
morning rise	-4998 Feb 19 j 05:57	9°♑42'23	
direct	-4998 Feb 24 j 11:46	8°♑37'43	
desc. node	-4998 Feb 25 j 05:25	8°♑39'00	
morning max el	-4998 Mar 10 j 16:21	15°♑55'46	25°28'18
	-4998 Mar 22 j 00:46	0°♒	
morning set	-4998 Apr 06 j 18:51	28°♒36'31	
	-4998 Apr 07 j 10:42	0°♓	
asc. node	-4998 Apr 10 j 23:17	7°♓34'01	
superior conj	-4998 Apr 13 j 19:50	13°♓47'16	0°29'12
minimum elong	-4998 Apr 13 j 18:35	13°♓40'27	0°28'51
max. Earth dist.	-4998 Apr 14 j 17:51	15°♓47'00	1.32905 AU
evening rise	-4998 Apr 21 j 00:55	29°♓09'06	
	-4998 Apr 21 j 10:51	0°♈	
	-4998 May 08 j 07:10	0°♉	
evening max el	-4998 May 22 j 13:00	17°♉48'54	27°11'26
desc. node	-4998 May 24 j 03:50	19°♉18'00	
retrograde	-4998 Jun 05 j 11:24	25°♉12'23	
evening set	-4998 Jun 12 j 10:32	22°♉56'52	
min. Earth dist.	-4998 Jun 16 j 02:16	20°♉08'29	0.61647 AU
inferior conj	-4998 Jun 19 j 05:57	17°♉16'55	-4°-9'-21
minimum elong	-4998 Jun 19 j 07:28	17°♉13'27	4°09'05
morning rise	-4998 Jun 26 j 07:09	12°♉19'41	
direct	-4998 Jun 28 j 19:56	11°♉52'15	
morning max el	-4998 Jul 05 j 16:25	15°♉17'29	18°00'10
asc. node	-4998 Jul 07 j 23:07	17°♉48'32	
	-4998 Jul 15 j 21:34	0°♊	
morning set	-4998 Jul 21 j 19:05	10°♊36'19	
superior conj	-4998 Aug 01 j 11:33	29°♊44'42	1°38'51
minimum elong	-4998 Aug 01 j 15:27	0°♋01'35	1°38'52
	-4998 Aug 01 j 15:05	0°♋	
max. Earth dist.	-4998 Aug 08 j 20:12	12°♋12'34	1.42303 AU
evening rise	-4998 Aug 15 j 16:23	23°♋15'42	
	-4998 Aug 19 j 23:52	0°♌	
desc. node	-4998 Aug 20 j 02:45	0°♌11'08	
	-4998 Sep 09 j 18:29	0°♍	
greatest brilliancy	-4998 Sep 11 j 18:52	2°♍33'13	-0.4m
evening max el	-4998 Sep 16 j 14:59	8°♍03'35	21°54'12
retrograde	-4998 Sep 25 j 18:14	13°♍29'06	
evening set	-4998 Sep 30 j 01:45	11°♍47'32	
asc. node	-4998 Oct 03 j 22:08	7°♍34'33	
inferior conj	-4998 Oct 05 j 10:29	5°♍30'50	0°30'52
minimum elong	-4998 Oct 05 j 09:46	5°♍33'18	0°30'42
min. Earth dist.	-4998 Oct 05 j 14:17	5°♍17'42	0.67298 AU
	-4998 Oct 09 j 21:02	30°℞♌	
morning rise	-4998 Oct 10 j 17:35	29°♌13'17	
direct	-4998 Oct 15 j 11:41	27°♌15'48	
	-4998 Oct 21 j 21:23	0°♍	
morning max el	-4998 Oct 25 j 11:09	3°♍13'17	22°55'22
greatest brilliancy	-4998 Oct 30 j 07:59	8°♍41'58	-0.3m
	-4998 Nov 14 j 19:15	0°♎	
desc. node	-4998 Nov 16 j 02:52	1°♎58'12	
morning set	-4998 Nov 28 j 15:12	21°♎39'41	
max. Earth dist.	-4998 Dec 03 j 12:54	29°♎54'17	1.40078 AU
	-4998 Dec 03 j 14:14	0°♏	
superior conj	-4998 Dec 11 j 05:55	13°♏33'09	-1°-52'-34
minimum elong	-4998 Dec 11 j 05:20	13°♏30'29	1°52'46
	-4998 Dec 20 j 00:18	0°♐	
evening rise	-4998 Dec 20 j 22:17	1°♐44'47	
asc. node	-4998 Dec 30 j 20:48	19°♐37'07	
evening max el	-4997 Jan 06 j 03:27	27°♐46'21	18°26'21
	-4997 Jan 08 j 22:25	0°♑	
retrograde	-4997 Jan 13 j 15:02	1°♑27'14	
evening set	-4997 Jan 16 j 02:57	1°♑03'53	
	-4997 Jan 18 j 13:36	30°℞♐	
inferior conj	-4997 Jan 23 j 11:56	26°♐28'11	3°58'49
minimum elong	-4997 Jan 23 j 13:52	26°♐24'15	3°58'24
min. Earth dist.	-4997 Jan 26 j 20:40	23°♐45'09	0.59068 AU
morning rise	-4997 Jan 30 j 21:28	21°♐03'42	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

direct	-4997 Feb 06 j 05:01	19°♐20'13	
desc. node	-4997 Feb 12 j 02:32	20°♐45'43	
morning max el	-4997 Feb 20 j 10:39	26°♐52'47	26°44'42
	-4997 Feb 23 j 10:31	0°♑	
	-4997 Mar 15 j 09:05	0°♒	
morning set	-4997 Mar 22 j 05:33	13°♒34'45	
asc. node	-4997 Mar 28 j 20:14	27°♒47'40	
superior conj	-4997 Mar 29 j 07:30	28°♒49'19	0°04'53
minimum elong	-4997 Mar 29 j 07:17	28°♒48'10	0°04'41
behind sun begin	-4997 Mar 29 j 02:30	28°♒21'56	
behind sun end	-4997 Mar 29 j 12:05	29°♒14'24	
max. Earth dist.	-4997 Mar 29 j 07:06	28°♒47'10	1.32626 AU
	-4997 Mar 29 j 20:25	0°♓	
evening rise	-4997 Apr 05 j 08:46	14°♓00'38	
	-4997 Apr 13 j 12:46	0°♈	
evening max el	-4997 May 04 j 14:06	29°♈40'01	26°24'58
	-4997 May 04 j 22:32	0°♉	
desc. node	-4997 May 11 j 01:00	4°♉41'08	
retrograde	-4997 May 18 j 16:13	6°♉59'54	
evening set	-4997 May 24 j 23:43	5°♉18'59	
min. Earth dist.	-4997 May 29 j 03:07	2°♉37'00	0.59614 AU
	-4997 Jun 01 j 10:42	30°℞♈	
inferior conj	-4997 Jun 01 j 12:22	29°♈56'39	-4°-9'-25
minimum elong	-4997 Jun 01 j 11:03	29°♈59'18	4°09'14
morning rise	-4997 Jun 09 j 02:03	25°♈21'27	
direct	-4997 Jun 11 j 13:25	24°♈59'24	
morning max el	-4997 Jun 19 j 02:44	28°♈37'07	18°20'47
	-4997 Jun 20 j 11:01	0°♉	
asc. node	-4997 Jun 24 j 20:06	5°♉46'55	
morning set	-4997 Jul 05 j 03:37	24°♉02'52	
	-4997 Jul 08 j 06:43	0°♊	
superior conj	-4997 Jul 14 j 14:11	11°♊47'32	1°48'46
minimum elong	-4997 Jul 14 j 15:12	11°♊52'11	1°49'00
max. Earth dist.	-4997 Jul 22 j 00:47	24°♊59'38	1.40486 AU
	-4997 Jul 24 j 23:37	0°♋	
evening rise	-4997 Jul 26 j 19:35	3°♋02'46	
desc. node	-4997 Aug 06 j 23:44	20°♋40'51	
	-4997 Aug 13 j 07:37	0°♌	
greatest brilliancy	-4997 Aug 24 j 10:40	14°♌57'12	-0.2m
evening max el	-4997 Aug 30 j 05:16	21°♌27'56	23°14'06
retrograde	-4997 Sep 09 j 11:32	27°♌32'47	
evening set	-4997 Sep 14 j 09:02	25°♌31'20	
inferior conj	-4997 Sep 19 j 17:01	19°♌11'24	0°-22'-18
minimum elong	-4997 Sep 19 j 17:32	19°♌09'39	0°21'54
min. Earth dist.	-4997 Sep 19 j 10:39	19°♌33'18	0.67376 AU
asc. node	-4997 Sep 20 j 19:17	17°♌41'48	
morning rise	-4997 Sep 25 j 02:03	12°♌56'58	
direct	-4997 Sep 29 j 06:10	11°♌20'26	
morning max el	-4997 Oct 08 j 02:10	16°♌34'45	21°32'23
greatest brilliancy	-4997 Oct 13 j 06:06	22°♌32'22	-0.4m
	-4997 Oct 18 j 20:24	0°♍	
desc. node	-4997 Nov 02 j 23:44	22°♍19'31	
	-4997 Nov 07 j 22:00	0°♎	
morning set	-4997 Nov 08 j 07:12	0°♎36'16	
max. Earth dist.	-4997 Nov 15 j 14:26	12°♎22'53	1.42016 AU
superior conj	-4997 Nov 22 j 23:52	24°♎51'40	-1°-43'-53
minimum elong	-4997 Nov 22 j 19:53	24°♎34'29	1°43'46
	-4997 Nov 25 j 22:28	0°♏	
evening rise	-4997 Dec 04 j 01:06	14°♏35'56	
	-4997 Dec 12 j 17:13	0°♐	
asc. node	-4997 Dec 17 j 17:54	7°♐33'10	
evening max el	-4997 Dec 20 j 12:53	10°♐46'08	18°09'16
retrograde	-4997 Dec 27 j 08:45	14°♐15'44	
evening set	-4997 Dec 29 j 23:00	13°♐45'54	

inferior conj	-4996 Jan 05 j 18:57	8°♐48'21	4°05'11
minimum elong	-4996 Jan 05 j 18:07	8°♐50'19	4°04'54
min. Earth dist.	-4996 Jan 08 j 21:35	5°♐54'35	0.61054 AU
morning rise	-4996 Jan 12 j 10:41	3°♐06'33	
direct	-4996 Jan 19 j 09:08	0°♐47'20	
desc. node	-4996 Jan 29 j 23:36	5°♐21'58	
morning max el	-4996 Feb 02 j 11:00	8°♐27'12	27°30'33
	-4996 Feb 19 j 00:08	0°♑	
morning set	-4996 Mar 05 j 12:54	28°♑21'25	
	-4996 Mar 06 j 07:59	0°♒	
max. Earth dist.	-4996 Mar 11 j 19:48	11°♒43'09	1.32686 AU
superior conj	-4996 Mar 12 j 18:53	13°♒48'51	0°-19'-53
minimum elong	-4996 Mar 12 j 19:46	13°♒53'42	0°19'56
asc. node	-4996 Mar 14 j 17:11	18°♒01'27	
evening rise	-4996 Mar 19 j 19:26	28°♒58'47	
	-4996 Mar 20 j 07:07	0°♓	
	-4996 Apr 06 j 05:57	0°♈	
evening max el	-4996 Apr 15 j 09:23	10°♈52'26	25°10'54
desc. node	-4996 Apr 26 j 22:11	17°♈47'02	
retrograde	-4996 Apr 29 j 10:58	18°♈02'07	
evening set	-4996 May 04 j 15:37	16°♈59'25	
min. Earth dist.	-4996 May 09 j 21:54	14°♈07'18	0.57659 AU
inferior conj	-4996 May 13 j 00:01	12°♈00'33	-3°-39'-35
minimum elong	-4996 May 12 j 19:31	12°♈08'19	3°38'48
morning rise	-4996 May 21 j 03:37	7°♈45'40	
direct	-4996 May 23 j 14:03	7°♈27'51	
morning max el	-4996 Jun 01 j 06:35	11°♈32'03	19°01'25
asc. node	-4996 Jun 10 j 17:05	24°♈28'02	
	-4996 Jun 13 j 18:33	0°♉	
morning set	-4996 Jun 17 j 22:56	8°♉04'04	
superior conj	-4996 Jun 26 j 12:05	24°♉49'42	1°47'42
minimum elong	-4996 Jun 26 j 10:54	24°♉44'02	1°47'53
	-4996 Jun 29 j 05:28	0°♊	
max. Earth dist.	-4996 Jul 03 j 02:01	7°♊05'57	1.38551 AU
evening rise	-4996 Jul 07 j 01:25	14°♊08'11	
	-4996 Jul 16 j 15:45	0°♋	
desc. node	-4996 Jul 23 j 20:45	10°♋57'16	
	-4996 Aug 07 j 03:38	0°♌	
evening max el	-4996 Aug 11 j 16:28	4°♌55'19	24°34'26
retrograde	-4996 Aug 23 j 01:09	11°♌34'36	
evening set	-4996 Aug 28 j 13:41	9°♌13'49	
min. Earth dist.	-4996 Sep 02 j 05:44	3°♌50'46	0.67153 AU
inferior conj	-4996 Sep 02 j 22:38	2°♌54'09	-1°-14'-53
minimum elong	-4996 Sep 03 j 00:20	2°♌48'26	1°13'58
	-4996 Sep 05 j 04:26	30°℞♋	
asc. node	-4996 Sep 06 j 16:25	28°♋19'11	
morning rise	-4996 Sep 08 j 11:16	26°♋46'14	
direct	-4996 Sep 12 j 03:22	25°♋28'37	
	-4996 Sep 19 j 22:22	0°♌	
morning max el	-4996 Sep 19 j 23:56	0°♌03'59	20°18'51
greatest brilliancy	-4996 Sep 26 j 19:05	8°♌21'09	-0.6m
	-4996 Oct 11 j 12:39	0°♍	
morning set	-4996 Oct 17 j 06:36	8°♍50'41	
desc. node	-4996 Oct 19 j 20:36	12°♍51'50	
max. Earth dist.	-4996 Oct 27 j 23:27	25°♍42'19	1.43572 AU
	-4996 Oct 30 j 15:19	0°♎	
superior conj	-4996 Nov 02 j 15:15	4°♎53'44	-1°-19'-46
minimum elong	-4996 Nov 02 j 08:42	4°♎26'51	1°19'08
evening rise	-4996 Nov 15 j 11:26	26°♎39'20	
	-4996 Nov 17 j 09:39	0°♏	
evening max el	-4996 Dec 03 j 01:17	24°♏00'24	18°11'33
asc. node	-4996 Dec 03 j 15:03	24°♏33'58	
retrograde	-4996 Dec 09 j 14:51	27°♏30'44	
evening set	-4996 Dec 12 j 08:14	26°♏53'08	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

inferior conj	-4996 Dec 18 j 17:30	21°♏34'35	3°49'29
minimum elong	-4996 Dec 18 j 14:55	21°♏41'25	3°48'54
min. Earth dist.	-4996 Dec 21 j 07:21	18°♏51'34	0.62910 AU
morning rise	-4996 Dec 24 j 19:49	15°♏40'03	
direct	-4996 Dec 31 j 21:37	12°♏57'58	
morning max el	-4995 Jan 14 j 16:48	20°♏40'08	27°40'36
desc. node	-4995 Jan 15 j 20:38	21°♏50'22	
	-4995 Jan 22 j 20:01	0°♐	
	-4995 Feb 10 j 23:04	0°♑	
morning set	-4995 Feb 17 j 14:36	12°♑47'17	
max. Earth dist.	-4995 Feb 23 j 04:06	24°♑20'24	1.33111 AU
superior conj	-4995 Feb 25 j 04:14	28°♑38'28	0°-44'-16
minimum elong	-4995 Feb 25 j 06:09	28°♑48'45	0°44'10
	-4995 Feb 25 j 19:21	0°♒	
asc. node	-4995 Mar 01 j 14:10	8°♒10'25	
evening rise	-4995 Mar 04 j 07:01	13°♒55'38	
	-4995 Mar 12 j 11:27	0°♓	
evening max el	-4995 Mar 28 j 01:41	21°♓40'09	23°40'07
retrograde	-4995 Apr 10 j 16:58	28°♓26'15	
desc. node	-4995 Apr 13 j 19:23	28°♓04'57	
evening set	-4995 Apr 14 j 14:23	27°♓52'56	
min. Earth dist.	-4995 Apr 21 j 13:19	24°♓38'36	0.56114 AU
inferior conj	-4995 Apr 23 j 15:40	23°♓22'39	-2°-31'-40
minimum elong	-4995 Apr 23 j 10:10	23°♓30'59	2°30'13
morning rise	-4995 May 02 j 09:27	19°♓21'59	
direct	-4995 May 04 j 20:11	19°♓06'46	
morning max el	-4995 May 15 j 01:13	23°♓51'57	20°02'23
	-4995 May 20 j 08:14	0°♈	
asc. node	-4995 May 28 j 14:02	13°♈41'04	
morning set	-4995 Jun 02 j 01:52	22°♈31'05	
	-4995 Jun 05 j 18:04	0°♉	
superior conj	-4995 Jun 09 j 23:57	8°♉35'58	1°38'33
minimum elong	-4995 Jun 09 j 21:34	8°♉24'01	1°38'31
max. Earth dist.	-4995 Jun 15 j 06:02	18°♉52'47	1.36733 AU
evening rise	-4995 Jun 19 j 07:06	26°♉25'19	
	-4995 Jun 21 j 06:47	0°♊	
	-4995 Jul 10 j 02:26	0°♋	
desc. node	-4995 Jul 10 j 17:50	0°♋54'06	
evening max el	-4995 Jul 25 j 03:08	18°♋25'43	25°47'24
retrograde	-4995 Aug 06 j 10:14	25°♋30'04	
evening set	-4995 Aug 12 j 13:46	22°♋53'06	
min. Earth dist.	-4995 Aug 16 j 21:04	18°♋07'57	0.66603 AU
inferior conj	-4995 Aug 18 j 01:31	16°♋37'01	-2°-5'-11
minimum elong	-4995 Aug 18 j 04:16	16°♋28'14	2°03'56
morning rise	-4995 Aug 23 j 19:22	10°♋39'01	
asc. node	-4995 Aug 24 j 13:32	10°♋13'45	
direct	-4995 Aug 27 j 01:37	9°♋37'29	
morning max el	-4995 Sep 03 j 04:47	13°♋41'44	19°18'46
greatest brilliancy	-4995 Sep 13 j 22:09	27°♋59'18	-0.7m
	-4995 Sep 15 j 06:02	0°♌	
morning set	-4995 Sep 26 j 12:14	17°♌29'33	
	-4995 Oct 04 j 11:41	0°♍	
desc. node	-4995 Oct 06 j 17:29	3°♍31'28	
max. Earth dist.	-4995 Oct 10 j 14:48	9°♍39'32	1.44533 AU
superior conj	-4995 Oct 13 j 04:17	13°♍43'13	0°-39'-52
minimum elong	-4995 Oct 12 j 23:27	13°♍24'02	0°39'11
	-4995 Oct 23 j 07:01	0°♎	
evening rise	-4995 Oct 28 j 00:34	7°♎46'01	
	-4995 Nov 10 j 19:24	0°♏	
evening max el	-4995 Nov 16 j 13:54	7°♏23'13	18°32'14
asc. node	-4995 Nov 20 j 12:13	10°♏24'48	
retrograde	-4995 Nov 23 j 05:16	11°♏04'32	
evening set	-4995 Nov 26 j 03:12	10°♏17'28	
inferior conj	-4995 Dec 02 j 03:55	4°♏40'15	3°18'59
minimum elong	-4995 Dec 02 j 00:41	4°♏49'44	3°18'04
min. Earth dist.	-4995 Dec 04 j 03:07	2°♏22'33	0.64477 AU
	-4995 Dec 06 j 08:04	30°℞♎	
morning rise	-4995 Dec 07 j 20:55	28°♎35'46	
direct	-4995 Dec 14 j 16:57	25°♎46'10	
	-4995 Dec 24 j 06:36	0°♏	
morning max el	-4995 Dec 28 j 01:54	3°♏24'49	27°16'06
desc. node	-4994 Jan 02 j 17:39	9°♏39'14	
	-4994 Jan 17 j 04:56	0°♐	
morning set	-4994 Feb 01 j 07:47	26°♐43'00	
	-4994 Feb 02 j 23:45	0°♑	
max. Earth dist.	-4994 Feb 06 j 04:16	6°♑27'40	1.33940 AU
superior conj	-4994 Feb 09 j 09:43	13°♑11'52	-1°-7'-13
minimum elong	-4994 Feb 09 j 12:24	13°♑26'02	1°07'03
asc. node	-4994 Feb 16 j 11:12	28°♑10'12	
evening rise	-4994 Feb 16 j 17:51	28°♑44'58	
	-4994 Feb 17 j 08:16	0°♒	
	-4994 Mar 07 j 11:11	0°♓	
evening max el	-4994 Mar 09 j 20:30	2°♓28'08	22°06'32
retrograde	-4994 Mar 22 j 11:05	8°♓34'17	
evening set	-4994 Mar 25 j 08:10	8°♓15'57	
desc. node	-4994 Mar 31 j 16:35	5°♓47'30	
min. Earth dist.	-4994 Apr 03 j 03:26	4°♓26'35	0.55289 AU
inferior conj	-4994 Apr 03 j 15:37	4°♓09'23	0°-48'-34
minimum elong	-4994 Apr 03 j 13:24	4°♓12'32	0°47'57
morning rise	-4994 Apr 12 j 19:57	0°♓10'18	
	-4994 Apr 13 j 21:57	30°℞♒	
direct	-4994 Apr 15 j 11:53	29°♒54'18	
	-4994 Apr 17 j 01:19	0°♓	
morning max el	-4994 Apr 27 j 09:03	5°♓30'54	21°22'18
	-4994 May 13 j 19:05	0°♈	
asc. node	-4994 May 15 j 10:59	3°♈17'59	
morning set	-4994 May 17 j 09:53	7°♈16'48	
superior conj	-4994 May 24 j 21:41	22°♈54'21	1°23'35
minimum elong	-4994 May 24 j 18:56	22°♈40'09	1°23'20
	-4994 May 28 j 08:58	0°♉	
max. Earth dist.	-4994 May 28 j 18:03	0°♉45'39	1.35199 AU
evening rise	-4994 Jun 02 j 07:14	9°♉39'24	
	-4994 Jun 13 j 19:31	0°♊	
desc. node	-4994 Jun 27 j 14:58	20°♊22'21	
	-4994 Jul 05 j 17:27	0°♋	
evening max el	-4994 Jul 07 j 14:13	1°♋53'15	26°44'43
retrograde	-4994 Jul 20 j 14:22	9°♋12'30	
evening set	-4994 Jul 27 j 06:57	6°♋26'00	
min. Earth dist.	-4994 Jul 31 j 06:13	2°♋20'02	0.65693 AU
inferior conj	-4994 Aug 01 j 23:40	0°♋16'20	-2°-51'-17
minimum elong	-4994 Aug 02 j 03:06	0°♋06'04	2°50'01
	-4994 Aug 02 j 05:09	30°℞♊	
morning rise	-4994 Aug 08 j 00:17	24°♊31'38	
direct	-4994 Aug 10 j 22:57	23°♊43'05	
asc. node	-4994 Aug 11 j 10:37	23°♊44'24	
morning max el	-4994 Aug 17 j 15:17	27°♊25'01	18°34'16
	-4994 Aug 19 j 22:13	0°♋	
morning set	-4994 Sep 06 j 17:04	27°♋17'07	
	-4994 Sep 08 j 09:21	0°♌	
superior conj	-4994 Sep 22 j 03:42	21°♌57'44	0°09'06
minimum elong	-4994 Sep 22 j 04:54	22°♌02'29	0°09'08
behind sun begin	-4994 Sep 21 j 19:23	21°♌24'54	
behind sun end	-4994 Sep 22 j 14:25	22°♌40'03	
max. Earth dist.	-4994 Sep 23 j 08:52	23°♌52'48	1.44782 AU
desc. node	-4994 Sep 23 j 14:24	24°♌14'37	
	-4994 Sep 27 j 06:05	0°♍	
evening rise	-4994 Oct 08 j 12:43	17°♍47'29	
	-4994 Oct 16 j 06:02	0°♎	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening max el	-4994 Oct 31 j 00:03	20°♎49'10	19°10'15
retrograde	-4994 Nov 07 j 00:26	24°♎50'32	
asc. node	-4994 Nov 07 j 09:24	24°♎49'44	
evening set	-4994 Nov 10 j 04:49	23°♎51'45	
inferior conj	-4994 Nov 15 j 22:54	17°♎59'05	2°38'38
minimum elong	-4994 Nov 15 j 19:49	18°♎08'49	2°37'36
min. Earth dist.	-4994 Nov 17 j 08:14	16°♎14'00	0.65694 AU
morning rise	-4994 Nov 21 j 09:55	11°♎47'08	
direct	-4994 Nov 27 j 18:25	9°♎02'56	
morning max el	-4994 Dec 10 j 11:44	16°♎28'55	26°22'47
desc. node	-4994 Dec 20 j 14:37	28°♎24'29	
	-4994 Dec 21 j 19:06	0°♏	
	-4993 Jan 10 j 01:10	0°♐	
morning set	-4993 Jan 15 j 12:37	9°♐56'40	
max. Earth dist.	-4993 Jan 19 j 17:18	18°♐00'15	1.35203 AU
superior conj	-4993 Jan 24 j 09:00	27°♐21'35	-1°-27'-25
minimum elong	-4993 Jan 24 j 12:00	27°♐36'55	1°27'20
	-4993 Jan 25 j 15:48	0°♑	
evening rise	-4993 Feb 01 j 02:03	13°♑20'26	
asc. node	-4993 Feb 03 j 08:16	17°♑55'52	
	-4993 Feb 09 j 19:02	0°♒	
evening max el	-4993 Feb 19 j 23:20	13°♒40'17	20°42'10
retrograde	-4993 Mar 03 j 01:08	18°♒55'59	
evening set	-4993 Mar 05 j 10:56	18°♒42'02	
inferior conj	-4993 Mar 14 j 11:30	14°♒44'03	1°06'45
minimum elong	-4993 Mar 14 j 14:25	14°♒39'50	1°05'34
min. Earth dist.	-4993 Mar 15 j 17:36	14°♒00'30	0.55365 AU
desc. node	-4993 Mar 18 j 13:45	12°♒26'59	
morning rise	-4993 Mar 23 j 16:17	10°♒28'25	
direct	-4993 Mar 27 j 00:28	10°♒04'08	
morning max el	-4993 Apr 09 j 06:55	16°♒32'03	22°56'28
	-4993 Apr 19 j 21:59	0°♓	
morning set	-4993 May 01 j 20:58	22°♓14'57	
asc. node	-4993 May 02 j 07:57	23°♓12'26	
	-4993 May 05 j 12:51	0°♈	
superior conj	-4993 May 09 j 02:11	7°♈35'37	1°04'33
minimum elong	-4993 May 08 j 23:43	7°♈22'28	1°04'09
max. Earth dist.	-4993 May 11 j 16:00	13°♈01'30	1.34023 AU
evening rise	-4993 May 16 j 20:49	23°♈36'22	
	-4993 May 20 j 04:19	0°♉	
	-4993 Jun 07 j 10:17	0°♊	
desc. node	-4993 Jun 14 j 12:06	9°♊10'04	
evening max el	-4993 Jun 20 j 01:14	15°♊09'07	27°18'44
retrograde	-4993 Jul 03 j 13:14	22°♊34'33	
evening set	-4993 Jul 10 j 14:24	19°♊49'14	
min. Earth dist.	-4993 Jul 14 j 07:13	16°♊20'08	0.64400 AU
inferior conj	-4993 Jul 16 j 14:45	13°♊48'38	-3°-30'-39
minimum elong	-4993 Jul 16 j 18:15	13°♊39'03	3°29'38
morning rise	-4993 Jul 22 j 23:41	8°♊20'14	
direct	-4993 Jul 25 j 16:55	7°♊41'46	
asc. node	-4993 Jul 29 j 07:40	8°♊48'55	
morning max el	-4993 Aug 01 j 05:12	11°♊10'12	18°06'41
	-4993 Aug 14 j 02:19	0°♋	
morning set	-4993 Aug 19 j 00:51	8°♋21'38	
	-4993 Sep 01 j 01:42	0°♌	
superior conj	-4993 Sep 01 j 12:22	0°♌43'08	0°54'29
minimum elong	-4993 Sep 01 j 17:58	1°♌05'47	0°54'04
max. Earth dist.	-4993 Sep 06 j 01:56	8°♌02'07	1.44310 AU
desc. node	-4993 Sep 10 j 11:20	14°♌58'29	
evening rise	-4993 Sep 18 j 01:47	26°♌49'26	
	-4993 Sep 20 j 03:06	0°♍	
greatest brilliancy	-4993 Oct 07 j 01:17	25°♍20'03	-0.6m
	-4993 Oct 10 j 13:18	0°♎	
evening max el	-4993 Oct 14 j 05:37	4°♎15'41	20°04'01
retrograde	-4993 Oct 21 j 21:30	8°♎44'54	
evening set	-4993 Oct 25 j 10:36	7°♎31'44	
asc. node	-4993 Oct 25 j 06:33	7°♎38'33	
inferior conj	-4993 Oct 30 j 23:47	1°♎27'08	1°51'53
minimum elong	-4993 Oct 30 j 21:23	1°♎35'05	1°51'00
min. Earth dist.	-4993 Oct 31 j 20:44	0°♎17'25	0.66565 AU
	-4993 Nov 01 j 02:01	30°℞♍	
morning rise	-4993 Nov 05 j 07:33	25°♍10'31	
direct	-4993 Nov 11 j 01:38	22°♍40'49	
morning max el	-4993 Nov 22 j 20:47	29°♍41'13	25°09'10
	-4993 Nov 23 j 04:13	0°♎	
desc. node	-4993 Dec 07 j 11:33	17°♎49'37	
	-4993 Dec 15 j 16:18	0°♏	
morning set	-4993 Dec 29 j 00:01	22°♏13'33	
max. Earth dist.	-4992 Jan 01 j 19:06	29°♏09'03	1.36892 AU
	-4992 Jan 02 j 06:01	0°♐	
superior conj	-4992 Jan 07 j 23:10	10°♐59'07	-1°-43'-5
minimum elong	-4992 Jan 08 j 01:41	11°♐11'34	1°43'11
evening rise	-4992 Jan 16 j 05:37	27°♐35'42	
	-4992 Jan 17 j 10:27	0°♑	
asc. node	-4992 Jan 21 j 05:20	7°♑21'23	
evening max el	-4992 Feb 02 j 12:39	25°♑27'41	19°34'05
retrograde	-4992 Feb 11 j 22:42	29°♑55'26	
evening set	-4992 Feb 14 j 07:17	29°♑39'56	
inferior conj	-4992 Feb 22 j 17:09	25°♑34'40	2°42'36
minimum elong	-4992 Feb 22 j 22:19	25°♑26'19	2°41'01
min. Earth dist.	-4992 Feb 25 j 08:17	23°♑53'28	0.56335 AU
morning rise	-4992 Mar 02 j 09:50	20°♑50'41	
desc. node	-4992 Mar 04 j 10:54	20°♑18'37	
direct	-4992 Mar 06 j 22:05	20°♑04'40	
morning max el	-4992 Mar 20 j 22:36	27°♑10'12	24°35'01
	-4992 Mar 23 j 16:21	0°♒	
	-4992 Apr 11 j 19:35	0°♓	
morning set	-4992 Apr 15 j 09:14	7°♓18'09	
asc. node	-4992 Apr 18 j 04:55	13°♓18'08	
superior conj	-4992 Apr 22 j 10:58	22°♓30'25	0°42'41
minimum elong	-4992 Apr 22 j 09:12	22°♓20'47	0°42'17
max. Earth dist.	-4992 Apr 23 j 22:25	25°♓41'36	1.33213 AU
	-4992 Apr 25 j 22:49	0°♈	
evening rise	-4992 Apr 29 j 19:48	8°♈02'35	
	-4992 May 11 j 15:28	0°♉	
desc. node	-4992 May 31 j 09:15	26°♉59'09	
evening max el	-4992 Jun 01 j 10:19	28°♉00'45	27°23'28
	-4992 Jun 03 j 15:00	0°♊	
retrograde	-4992 Jun 15 j 06:06	5°♊26'11	
evening set	-4992 Jun 22 j 08:35	2°♊55'54	
	-4992 Jun 25 j 21:05	30°℞♉	
min. Earth dist.	-4992 Jun 25 j 22:46	29°♉56'00	0.62737 AU
inferior conj	-4992 Jun 28 j 19:53	27°♉07'13	-3°-59'-35
minimum elong	-4992 Jun 28 j 22:29	27°♉00'49	3°59'03
morning rise	-4992 Jul 05 j 14:41	21°♉57'48	
direct	-4992 Jul 08 j 04:31	21°♉26'57	
morning max el	-4992 Jul 14 j 19:51	24°♉50'48	17°57'05
asc. node	-4992 Jul 15 j 04:42	25°♉13'05	
	-4992 Jul 19 j 01:37	0°♊	
morning set	-4992 Jul 31 j 07:41	20°♊31'57	
	-4992 Aug 05 j 16:22	0°♋	
superior conj	-4992 Aug 11 j 21:55	10°♋42'37	1°27'00
minimum elong	-4992 Aug 12 j 03:15	11°♋05'07	1°26'47
max. Earth dist.	-4992 Aug 18 j 15:10	21°♋49'38	1.43186 AU
	-4992 Aug 23 j 17:38	0°♌	
evening rise	-4992 Aug 27 j 04:58	5°♌26'51	
desc. node	-4992 Aug 27 j 08:16	5°♌39'42	
	-4992 Sep 12 j 12:50	0°♍	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

greatest brilliancy	-4992 Sep 20 j 20:13	11°♍25'05	-0.5m
evening max el	-4992 Sep 26 j 05:10	17°♍41'18	21°11'11
retrograde	-4992 Oct 04 j 18:17	22°♍44'55	
evening set	-4992 Oct 08 j 18:25	21°♍14'31	
asc. node	-4992 Oct 11 j 03:41	18°♍56'17	
inferior conj	-4992 Oct 14 j 04:19	15°♍01'28	1°01'09
minimum elong	-4992 Oct 14 j 02:56	15°♍06'12	1°00'40
min. Earth dist.	-4992 Oct 14 j 14:13	14°♍27'33	0.67114 AU
morning rise	-4992 Oct 19 j 11:05	8°♍43'21	
direct	-4992 Oct 24 j 13:55	6°♍33'17	
morning max el	-4992 Nov 04 j 05:46	12°♍55'41	23°44'57
	-4992 Nov 17 j 23:37	0°♎	
desc. node	-4992 Nov 23 j 08:27	7°♎43'01	
	-4992 Dec 07 j 13:00	0°♏	
morning set	-4992 Dec 09 j 11:54	3°♏17'25	
max. Earth dist.	-4992 Dec 13 j 15:04	10°♏26'20	1.38884 AU
superior conj	-4992 Dec 21 j 00:19	23°♏53'57	-1°-51'-52
minimum elong	-4992 Dec 21 j 01:15	23°♏58'21	1°52'05
	-4992 Dec 24 j 05:14	0°♐	
evening rise	-4992 Dec 30 j 02:05	11°♐24'30	
asc. node	-4991 Jan 07 j 02:25	26°♐19'47	
	-4991 Jan 09 j 08:24	0°♑	
evening max el	-4991 Jan 15 j 11:45	7°♑49'27	18°45'21
retrograde	-4991 Jan 23 j 12:56	11°♑42'37	
evening set	-4991 Jan 25 j 23:45	11°♑22'25	
inferior conj	-4991 Feb 02 j 17:22	6°♑59'16	3°41'33
minimum elong	-4991 Feb 02 j 21:00	6°♑52'31	3°40'45
min. Earth dist.	-4991 Feb 06 j 00:31	4°♑33'03	0.57968 AU
morning rise	-4991 Feb 10 j 14:37	1°♑48'05	
direct	-4991 Feb 16 j 08:42	0°♑27'02	
desc. node	-4991 Feb 19 j 08:01	0°♑48'33	
morning max el	-4991 Mar 02 j 14:12	7°♑52'31	26°03'44
	-4991 Mar 19 j 02:39	0°♒	
morning set	-4991 Mar 30 j 21:02	22°♒20'17	
	-4991 Apr 03 j 11:11	0°♓	
asc. node	-4991 Apr 05 j 01:53	3°♓30'26	
superior conj	-4991 Apr 06 j 22:06	7°♓31'57	0°19'01
minimum elong	-4991 Apr 06 j 21:17	7°♓27'26	0°18'43
max. Earth dist.	-4991 Apr 07 j 10:17	8°♓38'30	1.32752 AU
evening rise	-4991 Apr 14 j 01:09	22°♓47'55	
	-4991 Apr 17 j 14:47	0°♈	
	-4991 May 05 j 17:35	0°♉	
evening max el	-4991 May 14 j 15:09	10°♉17'03	26°55'29
desc. node	-4991 May 18 j 06:25	13°♉25'01	
retrograde	-4991 May 28 j 15:35	17°♉38'54	
evening set	-4991 Jun 04 j 09:24	15°♉37'25	
min. Earth dist.	-4991 Jun 08 j 04:41	12°♉53'31	0.60796 AU
inferior conj	-4991 Jun 11 j 11:41	10°♉04'17	-4°-12'-25
minimum elong	-4991 Jun 11 j 12:08	10°♉03'20	4°12'16
morning rise	-4991 Jun 18 j 17:58	5°♉16'00	
direct	-4991 Jun 21 j 06:02	4°♉50'59	
morning max el	-4991 Jun 28 j 08:30	8°♉20'14	18°06'25
asc. node	-4991 Jul 02 j 01:43	12°♉41'21	
	-4991 Jul 12 j 09:54	0°♊	
morning set	-4991 Jul 14 j 08:14	3°♊34'33	
superior conj	-4991 Jul 24 j 10:46	22°♊03'32	1°44'36
minimum elong	-4991 Jul 24 j 13:25	22°♊15'17	1°44'44
	-4991 Jul 28 j 23:54	0°♋	
max. Earth dist.	-4991 Jul 31 j 23:20	5°♋02'56	1.41566 AU
evening rise	-4991 Aug 06 j 19:02	14°♋36'21	
desc. node	-4991 Aug 14 j 05:13	26°♋14'49	
	-4991 Aug 16 j 16:32	0°♌	
greatest brilliancy	-4991 Sep 04 j 05:03	25°♌47'08	-0.3m
	-4991 Sep 07 j 21:12	0°♍	
evening max el	-4991 Sep 08 j 22:35	1°♍06'01	22°27'52
retrograde	-4991 Sep 18 j 13:04	6°♍47'53	
evening set	-4991 Sep 23 j 02:22	4°♍58'02	
	-4991 Sep 27 j 11:17	30°℞♌	
inferior conj	-4991 Sep 28 j 10:37	28°♌39'50	0°08'20
minimum elong	-4991 Sep 28 j 10:25	28°♌40'31	0°08'24
transit middle	-4991 Sep 28 j 10:25	28°♌40'31	0°08'24
transit begin	-4991 Sep 28 j 08:06	28°♌48'31	
transit end	-4991 Sep 28 j 12:44	28°♌32'32	
asc. node	-4991 Sep 28 j 00:50	29°♌13'36	
min. Earth dist.	-4991 Sep 28 j 10:08	28°♌41'29	0.67366 AU
morning rise	-4991 Oct 03 j 18:19	22°♌23'19	
direct	-4991 Oct 08 j 06:23	20°♌34'42	
morning max el	-4991 Oct 17 j 17:35	26°♌13'07	22°19'17
	-4991 Oct 21 j 03:45	0°♍	
greatest brilliancy	-4991 Oct 22 j 11:21	1°♍35'07	-0.3m
desc. node	-4991 Nov 10 j 05:18	27°♍55'43	
	-4991 Nov 11 j 13:53	0°♎	
morning set	-4991 Nov 19 j 19:25	12°♎56'55	
max. Earth dist.	-4991 Nov 25 j 13:27	22°♎26'03	1.40933 AU
	-4991 Nov 29 j 23:31	0°♏	
superior conj	-4991 Dec 03 j 07:17	5°♏51'32	-1°-50'-37
minimum elong	-4991 Dec 03 j 05:19	5°♏42'50	1°50'42
evening rise	-4991 Dec 13 j 12:21	24°♏38'37	
	-4991 Dec 16 j 09:18	0°♐	
asc. node	-4991 Dec 24 j 23:31	14°♐41'26	
evening max el	-4991 Dec 29 j 18:10	20°♐37'11	18°16'42
retrograde	-4990 Jan 05 j 21:37	24°♐11'27	
evening set	-4990 Jan 08 j 10:39	23°♐45'18	
inferior conj	-4990 Jan 15 j 13:45	19°♐00'06	4°04'45
minimum elong	-4990 Jan 15 j 14:25	18°♐58'39	4°04'28
min. Earth dist.	-4990 Jan 18 j 20:59	16°♐09'56	0.59918 AU
morning rise	-4990 Jan 22 j 15:16	13°♐27'52	
direct	-4990 Jan 29 j 06:44	11°♐28'19	
desc. node	-4990 Feb 06 j 05:06	14°♐02'57	
morning max el	-4990 Feb 12 j 10:48	19°♐03'36	27°08'22
	-4990 Feb 21 j 17:55	0°♑	
	-4990 Mar 11 j 16:44	0°♒	
morning set	-4990 Mar 15 j 06:34	7°♒14'26	
superior conj	-4990 Mar 22 j 09:51	22°♒33'32	0°-5'-38
minimum elong	-4990 Mar 22 j 10:06	22°♒34'57	0°05'46
behind sun begin	-4990 Mar 22 j 05:25	22°♒09'18	
behind sun end	-4990 Mar 22 j 14:48	23°♒00'37	
max. Earth dist.	-4990 Mar 21 j 23:57	21°♒39'26	1.32619 AU
asc. node	-4990 Mar 22 j 22:52	23°♒44'44	
	-4990 Mar 25 j 19:40	0°♓	
evening rise	-4990 Mar 29 j 10:27	7°♓43'23	
	-4990 Apr 10 j 04:18	0°♈	
evening max el	-4990 Apr 26 j 13:51	21°♈51'28	25°56'14
desc. node	-4990 May 05 j 03:36	27°♈54'48	
retrograde	-4990 May 10 j 16:03	29°♈07'12	
evening set	-4990 May 16 j 13:28	27°♈42'52	
min. Earth dist.	-4990 May 21 j 02:26	24°♈58'31	0.58763 AU
inferior conj	-4990 May 24 j 10:30	22°♈30'09	-4°00'-59
minimum elong	-4990 May 24 j 07:45	22°♈35'18	4°00'39
morning rise	-4990 Jun 01 j 05:55	18°♈03'51	
direct	-4990 Jun 03 j 17:03	17°♈43'34	
morning max el	-4990 Jun 11 j 16:23	21°♈30'27	18°35'35
	-4990 Jun 18 j 07:46	0°♉	
asc. node	-4990 Jun 18 j 22:42	0°♉59'28	
morning set	-4990 Jun 27 j 21:52	17°♉17'39	
	-4990 Jul 04 j 12:12	0°♊	
superior conj	-4990 Jul 06 j 22:22	4°♊34'07	1°49'28
minimum elong	-4990 Jul 06 j 22:20	4°♊33'57	1°49'43

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-4990 Jul 14 j 02:38	17°♊34'21	1.39667 AU	
evening rise	-4990 Jul 18 j 09:34	24°♊56'42		
	-4990 Jul 21 j 10:34	0°♋		
desc. node	-4990 Aug 01 j 02:14	16°♋40'00		
	-4990 Aug 10 j 10:34	0°♌		
evening max el	-4990 Aug 22 j 11:18	14°♌31'51	23°48'39	
retrograde	-4990 Sep 02 j 04:48	20°♌51'43		
evening set	-4990 Sep 07 j 08:46	18°♌41'37		
inferior conj	-4990 Sep 12 j 16:57	12°♌21'33	0°-44'-46	
minimum elong	-4990 Sep 12 j 17:59	12°♌18'02	0°44'09	
min. Earth dist.	-4990 Sep 12 j 06:09	12°♌58'24	0.67323 AU	
asc. node	-4990 Sep 14 j 21:57	9°♌26'42		
morning rise	-4990 Sep 18 j 03:21	6°♌09'47		
direct	-4990 Sep 22 j 02:07	4°♌41'39		
morning max el	-4990 Sep 30 j 11:24	9°♌38'08	20°59'44	
greatest brilliancy	-4990 Oct 06 j 04:33	16°♌21'48	-0.5m	
	-4990 Oct 15 j 22:22	0°♍		
desc. node	-4990 Oct 28 j 02:10	18°♍22'22		
morning set	-4990 Oct 30 j 02:03	21°♍28'30		
	-4990 Nov 04 j 11:31	0°♎		
max. Earth dist.	-4990 Nov 07 j 18:43	5°♎19'29	1.42742 AU	
superior conj	-4990 Nov 14 j 14:21	16°♎38'02	-1°-35'-41	
minimum elong	-4990 Nov 14 j 08:59	16°♎15'23	1°35'20	
	-4990 Nov 22 j 07:48	0°♏		
evening rise	-4990 Nov 26 j 08:42	7°♏10'34		
	-4990 Dec 10 j 01:24	0°♐		
asc. node	-4990 Dec 11 j 20:38	2°♐15'20		
evening max el	-4990 Dec 13 j 05:08	3°♐43'13	18°07'53	
retrograde	-4990 Dec 19 j 21:18	7°♐12'04		
evening set	-4990 Dec 22 j 12:44	6°♐39'05		
inferior conj	-4990 Dec 29 j 03:49	1°♐32'02	4°00'45	
minimum elong	-4990 Dec 29 j 02:06	1°♐36'18	4°00'22	
	-4990 Dec 30 j 16:47	30°℞♏		
min. Earth dist.	-4989 Jan 01 j 01:19	28°♏40'49	0.61869 AU	
morning rise	-4989 Jan 04 j 13:16	25°♏44'14		
direct	-4989 Jan 11 j 14:15	23°♏13'49		
desc. node	-4989 Jan 24 j 02:10	29°♏30'54		
	-4989 Jan 24 j 14:49	0°♐		
morning max el	-4989 Jan 25 j 13:52	0°♐55'03	27°39'22	
	-4989 Feb 15 j 19:29	0°♑		
morning set	-4989 Feb 27 j 11:50	21°♑53'18		
	-4989 Mar 03 j 09:08	0°♒		
max. Earth dist.	-4989 Mar 05 j 11:26	4°♒29'45	1.32823 AU	
superior conj	-4989 Mar 06 j 20:35	7°♒29'19	0°-30'-21	
minimum elong	-4989 Mar 06 j 21:55	7°♒36'35	0°30'18	
asc. node	-4989 Mar 09 j 19:51	13°♒56'51		
evening rise	-4989 Mar 13 j 21:44	22°♒41'38		
	-4989 Mar 17 j 11:10	0°♓		
	-4989 Apr 05 j 13:17	0°♈		
evening max el	-4989 Apr 08 j 07:07	2°♈50'02	24°33'24	
retrograde	-4989 Apr 22 j 05:36	9°♈52'06		
desc. node	-4989 Apr 22 j 00:49	9°♈52'00		
evening set	-4989 Apr 26 j 21:09	9°♈03'13		
min. Earth dist.	-4989 May 02 j 19:11	6°♈03'10	0.56933 AU	
inferior conj	-4989 May 05 j 13:31	4°♈16'12	-3°-15'-39	
minimum elong	-4989 May 05 j 08:09	4°♈24'55	3°14'30	
morning rise	-4989 May 13 j 23:20	0°♈08'54		
	-4989 May 14 j 18:25	30°℞♓		
direct	-4989 May 16 j 09:40	29°♓52'29		
	-4989 May 18 j 00:15	0°♈		
morning max el	-4989 May 25 j 16:40	4°♈11'53	19°24'59	
asc. node	-4989 Jun 05 j 19:41	19°♈55'17		
	-4989 Jun 11 j 02:28	0°♉		
morning set	-4989 Jun 11 j 20:47	1°♉30'56		
superior conj	-4989 Jun 20 j 02:50	17°♉57'14	1°44'40	
minimum elong	-4989 Jun 20 j 01:02	17°♉48'23	1°44'46	
max. Earth dist.	-4989 Jun 26 j 04:13	29°♉29'10	1.37747 AU	
	-4989 Jun 26 j 10:54	0°♊		
evening rise	-4989 Jun 30 j 02:08	6°♊34'07		
	-4989 Jul 14 j 08:36	0°♋		
desc. node	-4989 Jul 18 j 23:19	6°♋49'19		
evening max el	-4989 Aug 04 j 21:49	28°♋00'05	25°06'46	
	-4989 Aug 07 j 01:05	0°♌		
retrograde	-4989 Aug 16 j 16:39	4°♌51'50		
evening set	-4989 Aug 22 j 11:45	2°♌23'17		
	-4989 Aug 24 j 19:35	30°℞♋		
min. Earth dist.	-4989 Aug 26 j 23:53	27°♋16'14	0.66962 AU	
inferior conj	-4989 Aug 27 j 21:38	26°♋04'35	-1°-36'-36	
minimum elong	-4989 Aug 27 j 23:49	25°♋57'24	1°35'32	
asc. node	-4989 Sep 01 j 19:04	20°♋32'35		
morning rise	-4989 Sep 02 j 12:19	20°♋00'41		
direct	-4989 Sep 05 j 23:51	18°♋50'30		
morning max el	-4989 Sep 13 j 12:23	23°♋11'42	19°51'30	
	-4989 Sep 19 j 03:42	0°♌		
greatest brilliancy	-4989 Sep 21 j 09:19	3°♌05'00	-0.6m	
morning set	-4989 Oct 09 j 01:13	29°♌45'20		
	-4989 Oct 09 j 05:00	0°♍		
desc. node	-4989 Oct 14 j 23:04	8°♍58'16		
max. Earth dist.	-4989 Oct 21 j 06:33	18°♍56'17	1.44059 AU	
superior conj	-4989 Oct 25 j 17:50	26°♍06'29	-1°-4'-32	
minimum elong	-4989 Oct 25 j 11:19	25°♍40'13	1°03'48	
	-4989 Oct 28 j 03:20	0°♎		
evening rise	-4989 Nov 08 j 10:36	18°♎50'59		
	-4989 Nov 15 j 00:27	0°♏		
evening max el	-4989 Nov 26 j 17:52	17°♏01'15	18°18'10	
asc. node	-4989 Nov 28 j 17:45	18°♏48'03		
retrograde	-4989 Dec 03 j 07:28	20°♏35'30		
evening set	-4989 Dec 06 j 02:28	19°♏54'16		
inferior conj	-4989 Dec 12 j 07:51	14°♏27'29	3°38'02	
minimum elong	-4989 Dec 12 j 04:52	14°♏35'45	3°37'18	
min. Earth dist.	-4989 Dec 14 j 15:33	11°♏53'37	0.63609 AU	
morning rise	-4989 Dec 18 j 05:41	8°♏28'06		
direct	-4989 Dec 25 j 05:49	5°♏40'53		
morning max el	-4988 Jan 07 j 21:36	13°♏23'29	27°34'15	
desc. node	-4988 Jan 10 j 23:12	16°♏36'59		
	-4988 Jan 21 j 08:47	0°♐		
	-4988 Feb 08 j 06:46	0°♑		
morning set	-4988 Feb 11 j 10:23	6°♑08'18		
max. Earth dist.	-4988 Feb 16 j 16:44	16°♑55'44	1.33401 AU	
superior conj	-4988 Feb 19 j 04:34	22°♑13'15	0°-54'-15	
minimum elong	-4988 Feb 19 j 06:51	22°♑25'26	0°54'06	
	-4988 Feb 22 j 19:30	0°♒		
asc. node	-4988 Feb 24 j 16:52	4°♒02'45		
evening rise	-4988 Feb 26 j 09:14	7°♒36'15		
	-4988 Mar 09 j 08:15	0°♓		
evening max el	-4988 Mar 19 j 23:41	13°♓35'02	22°59'57	
retrograde	-4988 Apr 02 j 06:48	20°♓06'54		
evening set	-4988 Apr 05 j 16:11	19°♓41'44		
desc. node	-4988 Apr 07 j 22:01	18°♓59'25		
min. Earth dist.	-4988 Apr 13 j 10:09	16°♓14'09	0.55653 AU	
inferior conj	-4988 Apr 14 j 21:40	15°♓22'27	-1°-51'-28	
minimum elong	-4988 Apr 14 j 17:03	15°♓29'11	1°50'07	
morning rise	-4988 Apr 23 j 20:45	11°♓24'28		
direct	-4988 Apr 26 j 08:26	11°♓09'40		
morning max el	-4988 May 07 j 07:02	16°♓16'15	20°34'12	
	-4988 May 17 j 14:28	0°♈		
asc. node	-4988 May 22 j 16:41	9°♈19'52		
morning set	-4988 May 26 j 02:10	16°♈07'07		
	-4988 Jun 01 j 20:01	0°♉		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-4988 Jun 02 j 19:24	1°♉59'14	1°32'49
minimum elong	-4988 Jun 02 j 16:47	1°♉45'52	1°32'41
max. Earth dist.	-4988 Jun 07 j 10:47	11°♉14'22	1.36040 AU
evening rise	-4988 Jun 11 j 16:25	19°♉18'06	
	-4988 Jun 17 j 15:46	0°♊	
desc. node	-4988 Jul 04 j 20:24	26°♊35'25	
	-4988 Jul 07 j 09:44	0°♋	
evening max el	-4988 Jul 17 j 08:33	11°♋30'01	26°14'04
retrograde	-4988 Jul 29 j 23:54	18°♋42'38	
evening set	-4988 Aug 05 j 09:14	16°♋00'34	
min. Earth dist.	-4988 Aug 09 j 12:58	11°♋31'54	0.66263 AU
inferior conj	-4988 Aug 10 j 22:47	9°♋46'33	-2°-25'-24
minimum elong	-4988 Aug 11 j 01:53	9°♋36'54	2°24'06
morning rise	-4988 Aug 16 j 19:20	3°♋53'41	
asc. node	-4988 Aug 18 j 16:10	3°♋06'59	
direct	-4988 Aug 19 j 21:58	2°♋58'10	
morning max el	-4988 Aug 26 j 19:53	6°♋52'16	18°57'43
	-4988 Sep 12 j 01:39	0°♌	
morning set	-4988 Sep 17 j 15:21	8°♌49'40	
desc. node	-4988 Sep 30 j 19:58	29°♌39'44	
	-4988 Oct 01 j 01:06	0°♍	
max. Earth dist.	-4988 Oct 02 j 22:53	3°♍00'27	1.44727 AU
superior conj	-4988 Oct 03 j 22:39	4°♍34'15	0°-19'-29
minimum elong	-4988 Oct 03 j 20:08	4°♍24'19	0°19'03
evening rise	-4988 Oct 19 j 13:19	29°♍29'52	
	-4988 Oct 19 j 20:45	0°♎	
	-4988 Nov 08 j 19:56	0°♏	
evening max el	-4988 Nov 09 j 05:43	0°♏25'45	18°46'27
asc. node	-4988 Nov 14 j 14:54	4°♏03'52	
retrograde	-4988 Nov 16 j 00:10	4°♏14'33	
evening set	-4988 Nov 19 j 00:33	3°♏22'56	
	-4988 Nov 22 j 22:08	30°℞♎	
inferior conj	-4988 Nov 24 j 22:15	27°♎39'03	3°02'49
minimum elong	-4988 Nov 24 j 18:59	27°♎48'55	3°01'49
min. Earth dist.	-4988 Nov 26 j 15:31	25°♎34'18	0.65036 AU
morning rise	-4988 Nov 30 j 12:18	21°♎31'04	
direct	-4988 Dec 07 j 04:05	18°♎41'58	
morning max el	-4988 Dec 20 j 07:06	26°♎17'12	26°56'28
	-4988 Dec 23 j 18:44	0°♏	
desc. node	-4988 Dec 27 j 20:10	4°♏52'04	
	-4987 Jan 13 j 21:51	0°♐	
morning set	-4987 Jan 24 j 22:48	19°♐47'29	
max. Earth dist.	-4987 Jan 29 j 12:03	28°♐46'11	1.34413 AU
	-4987 Jan 30 j 02:36	0°♑	
superior conj	-4987 Feb 02 j 07:42	6°♑37'24	-1°-16'-13
minimum elong	-4987 Feb 02 j 10:35	6°♑52'28	1°16'05
evening rise	-4987 Feb 09 j 19:08	22°♑19'57	
asc. node	-4987 Feb 10 j 13:53	23°♑56'56	
	-4987 Feb 13 j 13:54	0°♒	
evening max el	-4987 Mar 01 j 21:32	24°♒31'27	21°29'10
	-4987 Mar 11 j 06:45	0°♓	
retrograde	-4987 Mar 13 j 21:40	0°♓16'16	
evening set	-4987 Mar 16 j 12:09	0°♓00'55	
	-4987 Mar 16 j 14:02	30°℞♒	
inferior conj	-4987 Mar 25 j 18:11	26°♒00'35	0°00'43
minimum elong	-4987 Mar 25 j 18:12	26°♒00'34	0°00'32
transit middle	-4987 Mar 25 j 18:12	26°♒00'34	0°00'32
transit begin	-4987 Mar 25 j 14:06	26°♒06'21	
transit end	-4987 Mar 25 j 22:18	25°♒54'46	
desc. node	-4987 Mar 25 j 19:13	25°♒59'08	
min. Earth dist.	-4987 Mar 26 j 00:29	25°♒51'41	0.55203 AU
morning rise	-4987 Apr 04 j 00:10	21°♒56'14	
direct	-4987 Apr 06 j 21:28	21°♒37'49	
morning max el	-4987 Apr 19 j 10:17	27°♒37'46	22°00'56
	-4987 Apr 21 j 18:03	0°♓	
asc. node	-4987 May 09 j 13:39	29°♓04'51	
morning set	-4987 May 10 j 11:43	0°♈58'38	
	-4987 May 10 j 00:23	0°♈	
superior conj	-4987 May 17 j 20:20	16°♈28'10	1°15'57
minimum elong	-4987 May 17 j 17:39	16°♈14'03	1°15'37
max. Earth dist.	-4987 May 21 j 03:00	23°♈15'44	1.34660 AU
	-4987 May 24 j 11:32	0°♉	
evening rise	-4987 May 25 j 22:50	2°♉52'18	
	-4987 Jun 10 j 12:48	0°♊	
desc. node	-4987 Jun 21 j 17:32	15°♊48'12	
evening max el	-4987 Jun 29 j 19:58	24°♊54'46	27°02'27
	-4987 Jul 06 j 03:52	0°♋	
retrograde	-4987 Jul 13 j 01:53	2°♋17'14	
	-4987 Jul 19 j 07:21	30°℞♊	
evening set	-4987 Jul 19 j 22:40	29°♊30'06	
min. Earth dist.	-4987 Jul 23 j 19:03	25°♊40'00	0.65193 AU
inferior conj	-4987 Jul 25 j 18:17	23°♊23'52	-3°-9'-1
minimum elong	-4987 Jul 25 j 21:50	23°♊13'36	3°07'49
morning rise	-4987 Jul 31 j 22:13	17°♊45'24	
direct	-4987 Aug 03 j 18:19	17°♊01'25	
asc. node	-4987 Aug 05 j 13:16	17°♊18'44	
morning max el	-4987 Aug 10 j 08:04	20°♊36'38	18°20'17
	-4987 Aug 17 j 11:48	0°♋	
morning set	-4987 Aug 29 j 07:54	19°♋11'06	
	-4987 Sep 04 j 22:24	0°♌	
superior conj	-4987 Sep 12 j 23:17	12°♌54'23	0°29'31
minimum elong	-4987 Sep 13 j 02:54	13°♌08'46	0°29'16
max. Earth dist.	-4987 Sep 15 j 16:54	17°♌14'25	1.44672 AU
desc. node	-4987 Sep 17 j 16:52	20°♌23'38	
	-4987 Sep 23 j 19:42	0°♍	
evening rise	-4987 Sep 29 j 14:50	9°♍04'04	
	-4987 Oct 13 j 03:47	0°♎	
greatest brilliancy	-4987 Oct 14 j 16:10	2°♎15'09	-0.7m
evening max el	-4987 Oct 23 j 14:16	13°♎52'57	19°31'23
retrograde	-4987 Oct 30 j 20:20	18°♎04'48	
asc. node	-4987 Nov 01 j 12:03	17°♎48'55	
evening set	-4987 Nov 03 j 04:14	17°♎00'10	
inferior conj	-4987 Nov 08 j 20:02	11°♎02'11	2°19'25
minimum elong	-4987 Nov 08 j 17:11	11°♎11'23	2°18'24
min. Earth dist.	-4987 Nov 09 j 23:55	9°♎32'03	0.66111 AU
morning rise	-4987 Nov 14 j 05:23	4°♎48'11	
direct	-4987 Nov 20 j 08:07	2°♎09'10	
morning max el	-4987 Dec 02 j 16:25	9°♎25'12	25°53'22
desc. node	-4987 Dec 14 j 17:07	23°♎56'03	
	-4987 Dec 19 j 00:15	0°♏	
	-4986 Jan 06 j 10:08	0°♐	
morning set	-4986 Jan 07 j 20:51	2°♐38'25	
max. Earth dist.	-4986 Jan 11 j 19:53	10°♐05'22	1.35877 AU
superior conj	-4986 Jan 17 j 03:30	20°♐34'32	-1°-34'-44
minimum elong	-4986 Jan 17 j 06:24	20°♐49'12	1°34'44
	-4986 Jan 21 j 18:12	0°♑	
evening rise	-4986 Jan 25 j 01:36	6°♑47'23	
asc. node	-4986 Jan 28 j 10:55	13°♑34'27	
	-4986 Feb 07 j 02:16	0°♒	
evening max el	-4986 Feb 12 j 04:44	5°♒57'36	20°10'57
retrograde	-4986 Feb 22 j 12:53	10°♒51'19	
evening set	-4986 Feb 24 j 21:39	10°♒37'04	
inferior conj	-4986 Mar 05 j 16:31	6°♒37'44	1°51'19
minimum elong	-4986 Mar 05 j 20:55	6°♒31'07	1°49'44
min. Earth dist.	-4986 Mar 07 j 14:29	5°♒28'55	0.55684 AU
desc. node	-4986 Mar 12 j 16:22	2°♒52'40	
morning rise	-4986 Mar 14 j 17:35	2°♒11'05	
direct	-4986 Mar 18 j 12:57	1°♒39'17	
morning max el	-4986 Apr 01 j 04:34	8°♒24'44	23°38'36

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4986 Apr 16 j 19:11	0°♓		
morning set	-4986 Apr 24 j 23:30	15°♓59'11		
asc. node	-4986 Apr 26 j 10:36	19°♓04'14		
	-4986 May 01 j 12:51	0°♈		
superior conj	-4986 May 02 j 02:53	1°♈15'18	0°55'34	
minimum elong	-4986 May 02 j 00:39	1°♈03'24	0°55'08	
max. Earth dist.	-4986 May 04 j 05:03	5°♈42'50	1.33640 AU	
evening rise	-4986 May 09 j 16:49	17°♈02'32		
	-4986 May 16 j 11:57	0°♉		
	-4986 Jun 05 j 00:59	0°♊		
desc. node	-4986 Jun 08 j 14:41	4°♊13'17		
evening max el	-4986 Jun 12 j 06:37	8°♊02'11	27°24'38	
retrograde	-4986 Jun 25 j 22:01	15°♊27'13		
evening set	-4986 Jul 03 j 00:55	12°♊46'42		
min. Earth dist.	-4986 Jul 06 j 16:04	9°♊31'19	0.63740 AU	
inferior conj	-4986 Jul 09 j 05:30	6°♊51'07	-3°-44'-30	
minimum elong	-4986 Jul 09 j 08:46	6°♊42'34	3°43'40	
morning rise	-4986 Jul 15 j 18:26	1°♊30'20		
direct	-4986 Jul 18 j 10:07	0°♊55'13		
asc. node	-4986 Jul 23 j 10:19	2°♊58'49		
morning max el	-4986 Jul 24 j 22:35	4°♊20'15	18°00'20	
	-4986 Aug 10 j 15:38	0°♋		
morning set	-4986 Aug 11 j 02:11	0°♋45'38		
superior conj	-4986 Aug 23 j 17:26	22°♋07'54	1°10'08	
minimum elong	-4986 Aug 23 j 23:25	22°♋32'30	1°09'45	
	-4986 Aug 28 j 13:39	0°♌		
max. Earth dist.	-4986 Aug 29 j 09:18	1°♌18'51	1.43910 AU	
desc. node	-4986 Sep 04 j 13:47	11°♌06'32		
evening rise	-4986 Sep 08 j 21:27	17°♌49'47		
	-4986 Sep 16 j 20:25	0°♍		
greatest brilliancy	-4986 Sep 30 j 10:46	19°♍44'21	-0.5m	
evening max el	-4986 Oct 06 j 17:24	27°♍19'02	20°31'07	
	-4986 Oct 09 j 17:06	0°♎		
retrograde	-4986 Oct 14 j 17:29	2°♎01'52		
evening set	-4986 Oct 18 j 11:06	0°♎41'28		
asc. node	-4986 Oct 19 j 09:13	29°♍56'54		
	-4986 Oct 19 j 07:49	30°℞♍		
inferior conj	-4986 Oct 23 j 22:41	24°♍32'44	1°30'42	
minimum elong	-4986 Oct 23 j 20:42	24°♍39'28	1°29'58	
min. Earth dist.	-4986 Oct 24 j 14:43	23°♍38'36	0.66842 AU	
morning rise	-4986 Oct 29 j 05:48	18°♍15'19		
direct	-4986 Nov 03 j 17:23	15°♍53'50		
morning max el	-4986 Nov 15 j 01:15	22°♍38'36	24°34'03	
	-4986 Nov 21 j 12:50	0°♎		
desc. node	-4986 Dec 01 j 14:00	13°♎33'56		
	-4986 Dec 12 j 08:33	0°♏		
morning set	-4986 Dec 20 j 22:54	14°♏25'16		
max. Earth dist.	-4986 Dec 24 j 18:42	21°♏14'36	1.37722 AU	
	-4986 Dec 29 j 11:40	0°♐		
superior conj	-4986 Dec 31 j 12:36	3°♐54'40	-1°-47'-50	
minimum elong	-4986 Dec 31 j 14:36	4°♐04'22	1°47'59	
evening rise	-4985 Jan 09 j 02:26	20°♐51'52		
	-4985 Jan 13 j 19:20	0°♑		
asc. node	-4985 Jan 15 j 07:58	2°♑49'00		
evening max el	-4985 Jan 25 j 22:16	17°♑59'06	19°10'49	
retrograde	-4985 Feb 03 j 17:08	22°♑10'38		
evening set	-4985 Feb 06 j 02:33	21°♑53'20		
inferior conj	-4985 Feb 14 j 05:22	17°♑40'54	3°12'25	
minimum elong	-4985 Feb 14 j 10:13	17°♑32'34	3°11'07	
min. Earth dist.	-4985 Feb 17 j 05:16	15°♑38'39	0.56966 AU	
morning rise	-4985 Feb 22 j 14:14	12°♑44'46		
direct	-4985 Feb 27 j 15:28	11°♑45'25		
desc. node	-4985 Feb 27 j 13:29	11°♑45'26		
morning max el	-4985 Mar 13 j 19:30	19°♑00'47	25°15'04	
	-4985 Mar 23 j 00:32	0°♒		
	-4985 Apr 08 j 23:47	0°♓		
morning set	-4985 Apr 09 j 11:47	1°♓02'46		
asc. node	-4985 Apr 13 j 07:33	9°♓13'10		
superior conj	-4985 Apr 16 j 12:52	16°♓13'33	0°32'49	
minimum elong	-4985 Apr 16 j 11:28	16°♓05'57	0°32'26	
max. Earth dist.	-4985 Apr 17 j 14:21	18°♓31'53	1.32971 AU	
	-4985 Apr 22 j 23:49	0°♈		
evening rise	-4985 Apr 23 j 18:48	1°♈37'43		
	-4985 May 09 j 10:57	0°♉		
evening max el	-4985 May 25 j 14:03	20°♉39'39	27°15'35	
desc. node	-4985 May 26 j 11:51	21°♉30'40		
retrograde	-4985 Jun 08 j 11:50	28°♉03'56		
evening set	-4985 Jun 15 j 12:15	25°♉44'01		
min. Earth dist.	-4985 Jun 19 j 03:14	22°♉53'14	0.61938 AU	
inferior conj	-4985 Jun 22 j 05:25	20°♉01'42	-4°-7'-25	
minimum elong	-4985 Jun 22 j 07:16	19°♉57'23	4°07'06	
morning rise	-4985 Jun 29 j 04:56	15°♉01'21		
direct	-4985 Jul 01 j 17:55	14°♉33'08		
morning max el	-4985 Jul 08 j 12:49	17°♉57'36	17°58'47	
asc. node	-4985 Jul 10 j 07:21	19°♉52'24		
	-4985 Jul 17 j 04:40	0°♊		
morning set	-4985 Jul 24 j 17:15	13°♊20'11		
	-4985 Aug 03 j 01:15	0°♋		
superior conj	-4985 Aug 04 j 15:03	2°♋43'47	1°36'12	
minimum elong	-4985 Aug 04 j 19:22	3°♋02'22	1°36'09	
max. Earth dist.	-4985 Aug 11 j 20:48	14°♋54'41	1.42548 AU	
evening rise	-4985 Aug 19 j 02:57	26°♋34'30		
	-4985 Aug 21 j 07:28	0°♌		
desc. node	-4985 Aug 22 j 10:44	1°♌45'43		
	-4985 Sep 10 j 17:56	0°♍		
greatest brilliancy	-4985 Sep 14 j 15:29	5°♍04'03	-0.4m	
evening max el	-4985 Sep 19 j 14:11	10°♍43'41	21°42'44	
retrograde	-4985 Sep 28 j 13:43	16°♍03'37		
evening set	-4985 Oct 02 j 19:14	14°♍25'02		
asc. node	-4985 Oct 06 j 06:22	10°♍43'39		
inferior conj	-4985 Oct 08 j 04:13	8°♍09'03	0°38'53	
minimum elong	-4985 Oct 08 j 03:19	8°♍12'08	0°38'37	
min. Earth dist.	-4985 Oct 08 j 09:34	7°♍50'34	0.67262 AU	
morning rise	-4985 Oct 13 j 11:10	1°♍51'10		
	-4985 Oct 16 j 21:55	30°℞♌		
direct	-4985 Oct 18 j 07:28	29°♌50'27		
	-4985 Oct 19 j 18:11	0°♍		
morning max el	-4985 Oct 28 j 11:15	5°♍54'40	23°08'06	
greatest brilliancy	-4985 Nov 02 j 13:45	11°♍39'49	-0.3m	
	-4985 Nov 16 j 00:34	0°♎		
desc. node	-4985 Nov 18 j 10:52	3°♎36'00		
morning set	-4985 Dec 01 j 23:03	24°♎53'29		
	-4985 Dec 04 j 23:58	0°♏		
max. Earth dist.	-4985 Dec 06 j 14:51	2°♏46'41	1.39767 AU	
superior conj	-4985 Dec 14 j 06:38	16°♏26'10	-1°-52'-47	
minimum elong	-4985 Dec 14 j 06:29	16°♏25'29	1°52'58	
	-4985 Dec 21 j 11:23	0°♐		
evening rise	-4985 Dec 23 j 18:58	4°♐26'35		
asc. node	-4984 Jan 02 j 05:04	21°♐32'46		
	-4984 Jan 08 j 11:49	0°♑		
evening max el	-4984 Jan 09 j 00:44	0°♑32'17	18°30'41	
retrograde	-4984 Jan 16 j 15:35	4°♑15'56		
evening set	-4984 Jan 19 j 03:09	3°♑53'29		
	-4984 Jan 25 j 18:39	30°℞♐		
inferior conj	-4984 Jan 26 j 14:18	29°♐21'13	3°55'22	
minimum elong	-4984 Jan 26 j 16:42	29°♐16'27	3°54'52	
min. Earth dist.	-4984 Jan 29 j 23:07	26°♐41'40	0.58771 AU	
morning rise	-4984 Feb 03 j 02:47	23°♐59'51		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

direct	-4984 Feb 09 j 07:11	22°♐22'06	
desc. node	-4984 Feb 14 j 10:36	23°♐27'09	
morning max el	-4984 Feb 23 j 13:01	29°♐53'27	26°35'03
	-4984 Feb 23 j 15:42	0°♑	
	-4984 Mar 15 j 18:36	0°♒	
morning set	-4984 Mar 23 j 22:50	16°♒02'11	
asc. node	-4984 Mar 30 j 04:30	29°♒26'35	
	-4984 Mar 30 j 10:36	0°♓	
superior conj	-4984 Mar 31 j 00:27	1°♓15'43	0°08'38
minimum elong	-4984 Mar 31 j 00:04	1°♓13'40	0°08'24
behind sun begin	-4984 Mar 30 j 19:49	0°♓50'23	
behind sun end	-4984 Mar 31 j 04:20	1°♓36'56	
max. Earth dist.	-4984 Mar 31 j 03:17	1°♓31'14	1.32644 AU
evening rise	-4984 Apr 07 j 02:03	16°♓27'48	
	-4984 Apr 13 j 22:21	0°♈	
	-4984 May 04 j 02:29	0°♉	
evening max el	-4984 May 06 j 16:08	2°♉37'13	26°33'51
desc. node	-4984 May 12 j 09:04	7°♉11'24	
retrograde	-4984 May 20 j 18:04	9°♉58'00	
evening set	-4984 May 27 j 04:34	8°♉11'32	
min. Earth dist.	-4984 May 31 j 05:23	5°♉29'33	0.59920 AU
inferior conj	-4984 Jun 03 j 14:23	2°♉46'07	-4°-11'-7
minimum elong	-4984 Jun 03 j 13:33	2°♉47'49	4°11'00
	-4984 Jun 07 j 06:41	30°℞♈	
morning rise	-4984 Jun 11 j 02:06	28°♈07'33	
direct	-4984 Jun 13 j 13:35	27°♈44'47	
	-4984 Jun 19 j 10:37	0°♉	
morning max el	-4984 Jun 20 j 23:51	1°♉20'02	18°16'26
asc. node	-4984 Jun 26 j 04:21	7°♉43'12	
morning set	-4984 Jul 06 j 23:52	26°♉40'46	
	-4984 Jul 08 j 18:00	0°♊	
superior conj	-4984 Jul 16 j 14:18	14°♊36'12	1°48'02
minimum elong	-4984 Jul 16 j 15:44	14°♊42'41	1°48'15
max. Earth dist.	-4984 Jul 24 j 02:03	27°♊47'41	1.40774 AU
	-4984 Jul 25 j 09:14	0°♋	
evening rise	-4984 Jul 29 j 02:29	6°♋11'02	
desc. node	-4984 Aug 08 j 07:45	22°♋17'08	
	-4984 Aug 13 j 12:15	0°♌	
greatest brilliancy	-4984 Aug 27 j 00:07	18°♌17'36	-0.3m
evening max el	-4984 Sep 01 j 05:15	24°♌08'24	23°02'03
	-4984 Sep 10 j 00:52	0°♍	
retrograde	-4984 Sep 11 j 07:30	0°♍07'27	
	-4984 Sep 12 j 13:13	30°℞♌	
evening set	-4984 Sep 16 j 02:47	28°♌09'08	
inferior conj	-4984 Sep 21 j 10:48	21°♌49'33	0°-14'-12
minimum elong	-4984 Sep 21 j 11:07	21°♌48'26	0°13'55
transit middle	-4984 Sep 21 j 11:07	21°♌48'26	0°13'55
transit begin	-4984 Sep 21 j 09:42	21°♌53'20	
transit end	-4984 Sep 21 j 12:32	21°♌43'32	
min. Earth dist.	-4984 Sep 21 j 05:59	22°♌06'06	0.67382 AU
asc. node	-4984 Sep 22 j 03:30	20°♌52'09	
morning rise	-4984 Sep 26 j 19:25	15°♌34'23	
direct	-4984 Oct 01 j 01:33	13°♌54'42	
morning max el	-4984 Oct 10 j 01:22	19°♌15'14	21°44'15
greatest brilliancy	-4984 Oct 15 j 01:49	25°♌00'45	-0.4m
	-4984 Oct 18 j 21:37	0°♍	
desc. node	-4984 Nov 04 j 07:45	23°♍55'24	
	-4984 Nov 08 j 05:51	0°♎	
morning set	-4984 Nov 10 j 18:55	4°♎00'47	
max. Earth dist.	-4984 Nov 17 j 15:24	15°♎07'36	1.41746 AU
superior conj	-4984 Nov 25 j 04:13	27°♎55'43	-1°-46'-10
minimum elong	-4984 Nov 25 j 00:46	27°♎40'43	1°46'06
	-4984 Nov 26 j 08:37	0°♏	
evening rise	-4984 Dec 05 j 23:54	17°♏24'10	
	-4984 Dec 12 j 23:24	0°♐	
asc. node	-4984 Dec 19 j 02:11	9°♐36'05	
evening max el	-4984 Dec 22 j 09:33	13°♐29'33	18°10'37
retrograde	-4984 Dec 29 j 07:01	16°♐59'49	
evening set	-4984 Dec 31 j 20:59	16°♐30'57	
inferior conj	-4983 Jan 07 j 18:43	11°♐36'41	4°05'49
minimum elong	-4983 Jan 07 j 18:15	11°♐37'46	4°05'33
min. Earth dist.	-4983 Jan 10 j 22:51	8°♐43'04	0.60763 AU
morning rise	-4983 Jan 14 j 12:51	5°♐57'16	
direct	-4983 Jan 21 j 09:57	3°♐42'41	
desc. node	-4983 Jan 31 j 07:39	7°♐43'03	
morning max el	-4983 Feb 04 j 12:22	11°♐21'29	27°25'53
	-4983 Feb 19 j 04:08	0°♑	
	-4983 Mar 07 j 20:57	0°♒	
morning set	-4983 Mar 08 j 06:49	0°♒50'44	
max. Earth dist.	-4983 Mar 14 j 16:20	14°♒28'33	1.32658 AU
superior conj	-4983 Mar 15 j 11:59	16°♒15'46	0°-16'-9
minimum elong	-4983 Mar 15 j 12:43	16°♒19'43	0°16'12
asc. node	-4983 Mar 17 j 01:29	19°♒40'32	
	-4983 Mar 21 j 20:16	0°♓	
evening rise	-4983 Mar 22 j 12:27	1°♓25'18	
	-4983 Apr 07 j 05:57	0°♈	
evening max el	-4983 Apr 18 j 12:19	13°♈54'51	25°23'18
desc. node	-4983 Apr 29 j 06:16	20°♈39'57	
retrograde	-4983 May 02 j 14:20	21°♈06'13	
evening set	-4983 May 07 j 23:31	19°♈58'11	
min. Earth dist.	-4983 May 13 j 00:53	17°♈08'26	0.57936 AU
inferior conj	-4983 May 16 j 05:00	14°♈55'33	-3°-46'-28
minimum elong	-4983 May 16 j 00:54	15°♈02'46	3°45'49
morning rise	-4983 May 24 j 06:25	10°♈37'42	
direct	-4983 May 26 j 17:02	10°♈19'16	
morning max el	-4983 Jun 04 j 04:47	14°♈18'36	18°54'04
asc. node	-4983 Jun 13 j 01:20	26°♈18'15	
	-4983 Jun 15 j 03:45	0°♉	
morning set	-4983 Jun 20 j 17:48	10°♉37'05	
superior conj	-4983 Jun 29 j 09:39	27°♉30'02	1°48'27
minimum elong	-4983 Jun 29 j 08:44	27°♉25'41	1°48'39
	-4983 Jun 30 j 17:16	0°♊	
max. Earth dist.	-4983 Jul 06 j 03:41	9°♊59'54	1.38838 AU
evening rise	-4983 Jul 10 j 04:22	17°♊04'26	
	-4983 Jul 17 j 23:36	0°♋	
desc. node	-4983 Jul 26 j 04:49	12°♋36'00	
	-4983 Aug 07 j 22:59	0°♌	
evening max el	-4983 Aug 14 j 16:51	7°♌35'27	24°22'48
retrograde	-4983 Aug 25 j 21:39	14°♌09'46	
evening set	-4983 Aug 31 j 07:58	11°♌51'46	
min. Earth dist.	-4983 Sep 05 j 01:24	6°♌23'23	0.67207 AU
inferior conj	-4983 Sep 05 j 16:40	5°♌31'59	-1°-7'00
minimum elong	-4983 Sep 05 j 18:12	5°♌26'49	1°06'10
asc. node	-4983 Sep 09 j 00:38	1°♌21'20	
	-4983 Sep 10 j 09:57	30°℞♋	
morning rise	-4983 Sep 11 j 04:40	29°♋22'58	
direct	-4983 Sep 14 j 22:28	28°♋02'37	
	-4983 Sep 19 j 20:42	0°♌	
morning max el	-4983 Sep 22 j 22:04	2°♌43'07	20°29'03
greatest brilliancy	-4983 Sep 29 j 09:32	10°♌32'19	-0.5m
	-4983 Oct 12 j 19:06	0°♍	
morning set	-4983 Oct 20 j 19:31	12°♍17'35	
desc. node	-4983 Oct 22 j 04:38	14°♍26'20	
max. Earth dist.	-4983 Oct 30 j 23:39	28°♍21'20	1.43377 AU
	-4983 Nov 01 j 00:07	0°♎	
superior conj	-4983 Nov 05 j 23:49	8°♎09'39	-1°-24'-30
minimum elong	-4983 Nov 05 j 17:28	7°♎43'23	1°23'56
evening rise	-4983 Nov 18 j 13:01	29°♎35'20	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4983 Nov 18 j 18:40	0°♏	
asc. node	-4983 Dec 05 j 23:19	26°♏45'57	
evening max el	-4983 Dec 05 j 21:43	26°♏41'54	18°09'58
	-4983 Dec 10 j 23:41	0°♐	
retrograde	-4983 Dec 12 j 11:36	0°♐11'22	
	-4983 Dec 13 j 23:38	30°℞♏	
evening set	-4983 Dec 15 j 04:29	29°♏34'57	
inferior conj	-4983 Dec 21 j 15:11	24°♏19'15	3°52'54
minimum elong	-4983 Dec 21 j 12:48	24°♏25'29	3°52'24
min. Earth dist.	-4983 Dec 24 j 07:04	21°♏33'42	0.62653 AU
morning rise	-4983 Dec 27 j 19:14	18°♏26'26	
direct	-4982 Jan 03 j 21:10	15°♏46'59	
morning max el	-4982 Jan 17 j 17:30	23°♏28'42	27°41'24
desc. node	-4982 Jan 18 j 04:40	23°♏56'25	
	-4982 Jan 23 j 15:02	0°♐	
	-4982 Feb 12 j 08:59	0°♑	
morning set	-4982 Feb 20 j 09:31	15°♑19'57	
max. Earth dist.	-4982 Feb 26 j 01:36	27°♑09'25	1.33026 AU
	-4982 Feb 27 j 09:22	0°♒	
superior conj	-4982 Feb 27 j 21:46	1°♒06'57	0°-40'-39
minimum elong	-4982 Feb 27 j 23:32	1°♒16'29	0°40'33
asc. node	-4982 Mar 03 j 22:30	9°♒50'19	
evening rise	-4982 Mar 07 j 00:02	16°♒22'34	
	-4982 Mar 13 j 20:10	0°♓	
evening max el	-4982 Mar 31 j 04:44	24°♓44'28	23°54'07
	-4982 Apr 07 j 10:28	0°♈	
retrograde	-4982 Apr 13 j 22:09	1°♈35'05	
desc. node	-4982 Apr 16 j 03:27	1°♈24'02	
evening set	-4982 Apr 18 j 00:15	0°♈58'10	
	-4982 Apr 20 j 14:13	30°℞♓	
min. Earth dist.	-4982 Apr 24 j 16:30	27°♓47'59	0.56305 AU
inferior conj	-4982 Apr 26 j 23:32	26°♓23'43	-2°-44'-33
minimum elong	-4982 Apr 26 j 17:55	26°♓32'22	2°43'07
morning rise	-4982 May 05 j 15:18	22°♓21'43	
direct	-4982 May 08 j 01:56	22°♓06'14	
morning max el	-4982 May 18 j 00:56	26°♓44'09	19°52'05
	-4982 May 21 j 02:15	0°♈	
asc. node	-4982 May 30 j 22:20	15°♈27'10	
morning set	-4982 Jun 04 j 19:47	25°♈00'54	
	-4982 Jun 07 j 06:52	0°♉	
superior conj	-4982 Jun 12 j 19:45	11°♉10'43	1°40'23
minimum elong	-4982 Jun 12 j 17:29	10°♉59'27	1°40'22
max. Earth dist.	-4982 Jun 18 j 07:04	21°♉48'42	1.36986 AU
evening rise	-4982 Jun 22 j 06:49	29°♉11'39	
	-4982 Jun 22 j 17:32	0°♊	
	-4982 Jul 11 j 06:06	0°♋	
desc. node	-4982 Jul 13 j 01:55	2°♋36'24	
evening max el	-4982 Jul 28 j 03:26	21°♋05'21	25°37'18
retrograde	-4982 Aug 09 j 07:24	28°♋06'36	
evening set	-4982 Aug 15 j 08:52	25°♋31'34	
min. Earth dist.	-4982 Aug 19 j 17:23	20°♋40'47	0.66709 AU
inferior conj	-4982 Aug 20 j 20:04	19°♋14'47	-1°-57'-47
minimum elong	-4982 Aug 20 j 22:40	19°♋06'23	1°56'35
morning rise	-4982 Aug 26 j 13:03	13°♋15'15	
asc. node	-4982 Aug 26 j 21:45	13°♋02'05	
direct	-4982 Aug 29 j 20:37	12°♋11'33	
morning max el	-4982 Sep 06 j 01:58	16°♋19'46	19°26'48
greatest brilliancy	-4982 Sep 15 j 14:12	28°♋44'32	-0.7m
	-4982 Sep 16 j 10:34	0°♌	
morning set	-4982 Sep 29 j 22:49	20°♌48'56	
	-4982 Oct 05 j 19:47	0°♍	
desc. node	-4982 Oct 09 j 01:33	5°♍05'05	
max. Earth dist.	-4982 Oct 13 j 14:22	12°♍14'21	1.44435 AU
superior conj	-4982 Oct 16 j 16:17	17°♍08'07	0°-46'-44
minimum elong	-4982 Oct 16 j 10:50	16°♍46'22	0°46'01
	-4982 Oct 24 j 15:40	0°♎	
evening rise	-4982 Oct 31 j 05:38	10°♎51'05	
	-4982 Nov 11 j 21:59	0°♏	
evening max el	-4982 Nov 19 j 10:24	10°♏03'17	18°27'56
asc. node	-4982 Nov 22 j 20:27	12°♏48'04	
retrograde	-4982 Nov 26 j 01:04	13°♏42'33	
evening set	-4982 Nov 28 j 22:11	12°♏57'02	
inferior conj	-4982 Dec 05 j 00:02	7°♏22'18	3°24'17
minimum elong	-4982 Dec 04 j 20:50	7°♏31'32	3°23'25
min. Earth dist.	-4982 Dec 07 j 01:24	5°♏00'11	0.64267 AU
morning rise	-4982 Dec 10 j 18:11	1°♏18'59	
	-4982 Dec 12 j 14:13	30°℞♎	
direct	-4982 Dec 17 j 15:25	28°♎29'40	
	-4982 Dec 23 j 03:28	0°♏	
morning max el	-4982 Dec 31 j 02:22	6°♏09'31	27°21'46
desc. node	-4981 Jan 05 j 01:40	11°♏34'38	
	-4981 Jan 18 j 10:43	0°♐	
morning set	-4981 Feb 04 j 04:12	29°♐20'48	
	-4981 Feb 04 j 12:11	0°♑	
max. Earth dist.	-4981 Feb 09 j 03:17	9°♑21'53	1.33788 AU
superior conj	-4981 Feb 12 j 03:57	15°♑42'56	-1°-3'-53
minimum elong	-4981 Feb 12 j 06:33	15°♑56'40	1°03'44
asc. node	-4981 Feb 18 j 19:31	29°♑51'35	
	-4981 Feb 18 j 21:07	0°♒	
evening rise	-4981 Feb 19 j 11:05	1°♒13'14	
	-4981 Mar 08 j 00:19	0°♓	
evening max el	-4981 Mar 12 j 22:40	5°♓30'16	22°20'06
retrograde	-4981 Mar 25 j 18:02	11°♓43'47	
evening set	-4981 Mar 28 j 17:52	11°♓24'03	
desc. node	-4981 Apr 03 j 00:37	9°♓26'20	
min. Earth dist.	-4981 Apr 06 j 06:41	7°♓40'51	0.55351 AU
inferior conj	-4981 Apr 07 j 01:14	7°♓14'32	-1°-5'-43
minimum elong	-4981 Apr 06 j 22:17	7°♓18'45	1°04'52
morning rise	-4981 Apr 16 j 04:29	3°♓16'29	
direct	-4981 Apr 18 j 18:58	3°♓01'01	
morning max el	-4981 Apr 30 j 10:29	8°♓29'39	21°09'23
	-4981 May 15 j 05:34	0°♈	
asc. node	-4981 May 17 j 19:19	5°♈01'00	
morning set	-4981 May 20 j 03:11	9°♈44'15	
superior conj	-4981 May 27 j 16:15	25°♈25'09	1°26'11
minimum elong	-4981 May 27 j 13:31	25°♈11'04	1°25'56
	-4981 May 29 j 22:00	0°♉	
max. Earth dist.	-4981 May 31 j 17:32	3°♉38'36	1.35401 AU
evening rise	-4981 Jun 05 j 04:31	12°♉18'10	
	-4981 Jun 15 j 03:40	0°♊	
desc. node	-4981 Jun 29 j 23:02	22°♊09'37	
	-4981 Jul 06 j 07:13	0°♋	
evening max el	-4981 Jul 10 j 14:20	4°♋33'18	26°37'26
retrograde	-4981 Jul 23 j 12:22	11°♋51'19	
evening set	-4981 Jul 30 j 03:13	9°♋05'31	
min. Earth dist.	-4981 Aug 03 j 03:33	4°♋53'48	0.65854 AU
inferior conj	-4981 Aug 04 j 19:02	2°♋54'35	-2°-44'-43
minimum elong	-4981 Aug 04 j 22:24	2°♋44'26	2°43'25
	-4981 Aug 07 j 07:37	30°℞♊	
morning rise	-4981 Aug 10 j 18:34	27°♊07'47	
direct	-4981 Aug 13 j 18:09	26°♊17'35	
asc. node	-4981 Aug 13 j 18:50	26°♊17'35	
	-4981 Aug 20 j 10:49	0°♋	
morning max el	-4981 Aug 20 j 11:45	0°♋02'24	18°39'49
morning set	-4981 Sep 09 j 23:34	0°♌24'23	
	-4981 Sep 09 j 17:30	0°♌	
superior conj	-4981 Sep 25 j 16:19	25°♌23'37	0°01'37
minimum elong	-4981 Sep 25 j 16:33	25°♌24'30	0°01'46

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

behind sun begin	-4981 Sep 25 j 05:11	24°♌39'41	
behind sun end	-4981 Sep 26 j 03:55	26°♌09'18	
desc. node	-4981 Sep 25 j 22:27	25°♌47'48	
max. Earth dist.	-4981 Sep 26 j 07:58	26°♌25'18	1.44790 AU
	-4981 Sep 28 j 14:28	0°♍	
evening rise	-4981 Oct 11 j 21:31	21°♍01'56	
	-4981 Oct 17 j 12:42	0°♎	
evening max el	-4981 Nov 02 j 21:02	23°♎28'49	19°03'34
retrograde	-4981 Nov 09 j 19:44	27°♎26'48	
asc. node	-4981 Nov 09 j 17:35	27°♎26'46	
evening set	-4981 Nov 12 j 22:58	26°♎30'02	
inferior conj	-4981 Nov 18 j 17:56	20°♎39'31	2°45'15
minimum elong	-4981 Nov 18 j 14:47	20°♎49'21	2°44'12
min. Earth dist.	-4981 Nov 20 j 05:17	18°♎49'09	0.65531 AU
morning rise	-4981 Nov 24 j 05:38	14°♎28'24	
direct	-4981 Nov 30 j 16:06	11°♎42'36	
morning max el	-4981 Dec 13 j 12:16	19°♎11'45	26°32'16
desc. node	-4981 Dec 22 j 22:39	0°♏12'43	
	-4981 Dec 22 j 18:46	0°♏	
	-4980 Jan 11 j 10:46	0°♐	
morning set	-4980 Jan 18 j 11:12	12°♐42'04	
max. Earth dist.	-4980 Jan 22 j 18:02	20°♐59'28	1.34982 AU
superior conj	-4980 Jan 27 j 04:21	29°♐57'02	-1°-24'-36
minimum elong	-4980 Jan 27 j 07:20	0°♑12'26	1°24'30
	-4980 Jan 27 j 04:56	0°♑	
evening rise	-4980 Feb 03 j 19:49	15°♑51'23	
asc. node	-4980 Feb 05 j 16:31	19°♑39'41	
	-4980 Feb 11 j 01:49	0°♒	
evening max el	-4980 Feb 23 j 00:08	16°♒38'17	20°53'51
retrograde	-4980 Mar 05 j 08:03	22°♒01'39	
evening set	-4980 Mar 07 j 18:34	21°♒47'37	
inferior conj	-4980 Mar 16 j 20:52	17°♒49'35	0°49'48
minimum elong	-4980 Mar 16 j 23:06	17°♒46'23	0°48'51
min. Earth dist.	-4980 Mar 17 j 21:01	17°♒14'57	0.55292 AU
desc. node	-4980 Mar 19 j 21:47	16°♒07'01	
morning rise	-4980 Mar 26 j 02:23	13°♒37'14	
direct	-4980 Mar 29 j 07:14	13°♒14'53	
morning max el	-4980 Apr 11 j 09:43	19°♒36'08	22°41'48
	-4980 Apr 19 j 23:36	0°♓	
morning set	-4980 May 03 j 13:54	24°♓40'48	
asc. node	-4980 May 03 j 16:17	24°♓53'10	
	-4980 May 06 j 02:32	0°♈	
superior conj	-4980 May 10 j 19:55	10°♈03'32	1°07'39
minimum elong	-4980 May 10 j 17:22	9°♈50'03	1°07'16
max. Earth dist.	-4980 May 13 j 13:54	15°♈50'00	1.34176 AU
evening rise	-4980 May 18 j 16:23	26°♈09'38	
	-4980 May 20 j 15:56	0°♉	
	-4980 Jun 07 j 12:33	0°♊	
desc. node	-4980 Jun 15 j 20:08	11°♊04'08	
evening max el	-4980 Jun 22 j 01:25	17°♊51'24	27°15'23
retrograde	-4980 Jul 05 j 12:06	25°♊16'31	
evening set	-4980 Jul 12 j 12:18	22°♊30'16	
min. Earth dist.	-4980 Jul 16 j 05:57	18°♊55'51	0.64619 AU
inferior conj	-4980 Jul 18 j 11:19	16°♊28'01	-3°-25'-19
minimum elong	-4980 Jul 18 j 14:52	16°♊18'10	3°24'15
morning rise	-4980 Jul 24 j 18:55	10°♊56'52	
direct	-4980 Jul 27 j 12:46	10°♊17'07	
asc. node	-4980 Jul 30 j 15:55	11°♊08'14	
morning max el	-4980 Aug 03 j 01:16	13°♊47'09	18°09'35
	-4980 Aug 14 j 09:50	0°♋	
morning set	-4980 Aug 21 j 03:25	11°♋17'21	
	-4980 Sep 01 j 10:42	0°♌	
superior conj	-4980 Sep 03 j 22:11	4°♌00'06	0°48'21
minimum elong	-4980 Sep 04 j 03:26	4°♌21'12	0°47'56
max. Earth dist.	-4980 Sep 08 j 01:04	10°♌34'56	1.44424 AU
desc. node	-4980 Sep 11 j 19:21	16°♌31'24	
	-4980 Sep 20 j 10:37	0°♍	
evening rise	-4980 Sep 20 j 13:21	0°♍10'33	
greatest brilliancy	-4980 Oct 08 j 14:16	27°♍25'58	-0.6m
	-4980 Oct 10 j 10:49	0°♎	
evening max el	-4980 Oct 16 j 03:22	6°♎55'10	19°55'13
retrograde	-4980 Oct 23 j 16:35	11°♎19'44	
asc. node	-4980 Oct 26 j 14:44	10°♎30'01	
evening set	-4980 Oct 27 j 04:15	10°♎08'55	
inferior conj	-4980 Nov 01 j 18:03	4°♎06'01	1°59'18
minimum elong	-4980 Nov 01 j 15:32	4°♎14'22	1°58'22
min. Earth dist.	-4980 Nov 02 j 16:48	2°♎50'53	0.66454 AU
	-4980 Nov 04 j 23:29	30°℞♍	
morning rise	-4980 Nov 07 j 02:08	27°♍49'59	
direct	-4980 Nov 12 j 22:33	25°♍17'32	
	-4980 Nov 22 j 08:44	0°♎	
morning max el	-4980 Nov 24 j 21:17	2°♎22'36	25°21'03
desc. node	-4980 Dec 08 j 19:33	19°♎32'28	
	-4980 Dec 15 j 22:41	0°♏	
morning set	-4980 Dec 31 j 01:32	25°♏08'11	
	-4979 Jan 02 j 17:23	0°♐	
max. Earth dist.	-4979 Jan 03 j 21:06	2°♐09'14	1.36615 AU
superior conj	-4979 Jan 09 j 20:04	13°♐39'53	-1°-41'-7
minimum elong	-4979 Jan 09 j 22:43	13°♐53'05	1°41'10
	-4979 Jan 17 j 22:14	0°♑	
evening rise	-4979 Jan 18 j 00:11	0°♑09'49	
asc. node	-4979 Jan 22 j 13:34	9°♑08'23	
evening max el	-4979 Feb 04 j 11:55	28°♑20'20	19°43'04
	-4979 Feb 06 j 10:34	0°♒	
retrograde	-4979 Feb 14 j 03:29	2°♒54'17	
evening set	-4979 Feb 16 j 11:59	2°♒39'13	
	-4979 Feb 22 j 17:37	30°℞♑	
inferior conj	-4979 Feb 25 j 00:18	28°♑36'00	2°30'13
minimum elong	-4979 Feb 25 j 05:25	28°♑27'55	2°28'35
min. Earth dist.	-4979 Feb 27 j 11:34	27°♑02'50	0.56145 AU
morning rise	-4979 Mar 05 j 19:28	23°♑56'31	
desc. node	-4979 Mar 06 j 18:55	23°♑39'55	
direct	-4979 Mar 10 j 03:15	23°♑14'35	
	-4979 Mar 23 j 19:17	0°♒	
morning max el	-4979 Mar 24 j 01:50	0°♒15'32	24°20'30
	-4979 Apr 13 j 06:51	0°♓	
morning set	-4979 Apr 18 j 02:06	9°♓43'17	
asc. node	-4979 Apr 20 j 13:14	14°♓57'07	
superior conj	-4979 Apr 25 j 04:11	24°♓56'25	0°46'08
minimum elong	-4979 Apr 25 j 02:17	24°♓46'07	0°45'44
max. Earth dist.	-4979 Apr 26 j 19:15	28°♓26'35	1.33316 AU
	-4979 Apr 27 j 12:44	0°♈	
evening rise	-4979 May 02 j 14:12	10°♈32'03	
	-4979 May 12 j 23:36	0°♉	
desc. node	-4979 Jun 02 j 17:17	29°♉03'21	
	-4979 Jun 03 j 15:33	0°♊	
evening max el	-4979 Jun 04 j 11:05	0°♊47'46	27°24'49
retrograde	-4979 Jun 18 j 05:53	8°♊13'03	
evening set	-4979 Jun 25 j 08:43	5°♊39'49	
min. Earth dist.	-4979 Jun 28 j 23:00	2°♊36'10	0.63007 AU
inferior conj	-4979 Jul 01 j 18:09	29°♉49'13	-3°-56'-8
minimum elong	-4979 Jul 01 j 20:58	29°♉42'10	3°55'32
	-4979 Jul 01 j 13:50	30°℞♉	
morning rise	-4979 Jul 08 j 11:22	24°♉36'39	
direct	-4979 Jul 11 j 01:38	24°♉04'45	
morning max el	-4979 Jul 17 j 15:58	27°♉28'41	17°57'18
asc. node	-4979 Jul 17 j 12:59	27°♉21'23	
	-4979 Jul 19 j 22:07	0°♊	
morning set	-4979 Aug 03 j 07:15	23°♊19'15	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4979 Aug 07 j 02:27	0°♋	
superior conj	-4979 Aug 15 j 03:39	13°♋47'28	1°23'03
minimum elong	-4979 Aug 15 j 09:16	14°♋10'58	1°22'48
max. Earth dist.	-4979 Aug 21 j 15:17	24°♋27'44	1.43392 AU
	-4979 Aug 25 j 02:11	0°♌	
desc. node	-4979 Aug 29 j 16:17	7°♌13'15	
evening rise	-4979 Aug 30 j 16:50	8°♌48'45	
	-4979 Sep 13 j 17:16	0°♍	
greatest brilliancy	-4979 Sep 23 j 14:14	13°♍47'56	-0.5m
evening max el	-4979 Sep 29 j 03:56	20°♍21'08	21°00'29
retrograde	-4979 Oct 07 j 13:28	25°♍18'59	
evening set	-4979 Oct 11 j 11:52	23°♍51'16	
asc. node	-4979 Oct 13 j 11:54	22°♍00'05	
inferior conj	-4979 Oct 16 j 22:10	17°♍39'19	1°09'01
minimum elong	-4979 Oct 16 j 20:37	17°♍44'36	1°08'27
min. Earth dist.	-4979 Oct 17 j 09:38	17°♍00'09	0.67055 AU
morning rise	-4979 Oct 22 j 04:58	11°♍21'21	
direct	-4979 Oct 27 j 10:06	9°♍08'11	
morning max el	-4979 Nov 07 j 06:03	15°♍36'22	23°57'46
	-4979 Nov 19 j 01:53	0°♎	
desc. node	-4979 Nov 25 j 16:27	9°♎21'53	
	-4979 Dec 08 j 22:07	0°♏	
morning set	-4979 Dec 12 j 17:13	6°♏23'03	
max. Earth dist.	-4979 Dec 16 j 17:32	13°♏22'55	1.38580 AU
superior conj	-4979 Dec 23 j 23:24	26°♏41'20	-1°-51'-8
minimum elong	-4979 Dec 24 j 00:39	26°♏47'18	1°51'19
	-4979 Dec 25 j 17:03	0°♐	
evening rise	-4978 Jan 01 j 21:50	14°♐02'28	
asc. node	-4978 Jan 09 j 10:38	28°♐10'56	
	-4978 Jan 10 j 12:15	0°♑	
evening max el	-4978 Jan 18 j 09:38	10°♑36'41	18°51'19
retrograde	-4978 Jan 26 j 14:58	14°♑34'01	
evening set	-4978 Jan 29 j 01:29	14°♑14'34	
inferior conj	-4978 Feb 05 j 21:26	9°♑54'17	3°35'06
minimum elong	-4978 Feb 06 j 01:27	9°♑46'58	3°34'10
min. Earth dist.	-4978 Feb 09 j 03:13	7°♑33'45	0.57699 AU
morning rise	-4978 Feb 13 j 21:46	4°♑46'54	
direct	-4978 Feb 19 j 11:45	3°♑31'44	
desc. node	-4978 Feb 21 j 16:03	3°♑43'14	
morning max el	-4978 Mar 05 j 16:59	10°♑54'41	25°51'47
	-4978 Mar 20 j 08:11	0°♒	
morning set	-4978 Apr 02 j 14:05	24°♒45'41	
	-4978 Apr 05 j 01:15	0°♓	
asc. node	-4978 Apr 07 j 10:10	5°♓08'17	
superior conj	-4978 Apr 09 j 15:05	9°♓56'57	0°22'41
minimum elong	-4978 Apr 09 j 14:06	9°♓51'35	0°22'22
max. Earth dist.	-4978 Apr 10 j 06:39	11°♓21'56	1.32802 AU
evening rise	-4978 Apr 16 j 18:46	25°♓14'48	
	-4978 Apr 19 j 02:55	0°♈	
	-4978 May 06 j 16:29	0°♉	
evening max el	-4978 May 17 j 16:45	13°♉09'48	27°01'43
desc. node	-4978 May 20 j 14:29	15°♉43'38	
retrograde	-4978 May 31 j 16:26	20°♉32'01	
evening set	-4978 Jun 07 j 12:22	18°♉25'26	
min. Earth dist.	-4978 Jun 11 j 06:13	15°♉40'19	0.61097 AU
inferior conj	-4978 Jun 14 j 12:10	12°♉49'58	-4°-11'-52
minimum elong	-4978 Jun 14 j 13:02	12°♉48'05	4°11'41
morning rise	-4978 Jun 21 j 16:38	7°♉58'27	
direct	-4978 Jun 24 j 04:58	7°♉32'35	
morning max el	-4978 Jul 01 j 05:07	11°♉00'10	18°03'51
asc. node	-4978 Jul 04 j 10:01	14°♉40'52	
	-4978 Jul 13 j 19:47	0°♊	
morning set	-4978 Jul 17 j 05:33	6°♊15'05	
superior conj	-4978 Jul 27 j 12:44	24°♊57'06	1°42'49
minimum elong	-4978 Jul 27 j 15:49	25°♊10'43	1°42'56
	-4978 Jul 30 j 10:12	0°♋	
max. Earth dist.	-4978 Aug 04 j 00:36	7°♋48'12	1.41833 AU
evening rise	-4978 Aug 10 j 04:13	17°♋50'27	
desc. node	-4978 Aug 16 j 13:17	27°♋49'39	
	-4978 Aug 17 j 23:23	0°♌	
greatest brilliancy	-4978 Sep 07 j 04:45	28°♌25'57	-0.3m
	-4978 Sep 08 j 12:08	0°♍	
evening max el	-4978 Sep 11 j 22:13	3°♍45'47	22°15'57
retrograde	-4978 Sep 21 j 08:40	9°♍21'48	
evening set	-4978 Sep 25 j 19:56	7°♍34'48	
asc. node	-4978 Sep 30 j 09:04	2°♍23'20	
inferior conj	-4978 Oct 01 j 04:20	1°♍17'05	0°16'24
minimum elong	-4978 Oct 01 j 03:56	1°♍18'24	0°16'23
min. Earth dist.	-4978 Oct 01 j 05:19	1°♍13'38	0.67352 AU
	-4978 Oct 02 j 02:45	30°℞♌	
morning rise	-4978 Oct 06 j 11:48	25°♌00'13	
direct	-4978 Oct 11 j 01:57	23°♌08'31	
morning max el	-4978 Oct 20 j 17:21	28°♌53'24	22°31'46
	-4978 Oct 21 j 18:51	0°♍	
greatest brilliancy	-4978 Oct 25 j 10:44	4°♍13'13	-0.3m
desc. node	-4978 Nov 12 j 13:20	29°♍31'55	
	-4978 Nov 12 j 20:44	0°♎	
morning set	-4978 Nov 23 j 05:02	16°♎14'41	
max. Earth dist.	-4978 Nov 28 j 15:18	25°♎15'16	1.40638 AU
	-4978 Dec 01 j 09:48	0°♏	
superior conj	-4978 Dec 06 j 09:24	8°♏47'50	-1°-51'-37
minimum elong	-4978 Dec 06 j 07:57	8°♏41'19	1°51'44
evening rise	-4978 Dec 16 j 09:50	27°♏21'56	
	-4978 Dec 17 j 19:27	0°♐	
asc. node	-4978 Dec 27 j 07:44	16°♐38'29	
evening max el	-4977 Jan 01 j 15:05	23°♐20'28	18°19'42
retrograde	-4977 Jan 08 j 21:10	26°♐56'51	
evening set	-4977 Jan 11 j 09:49	26°♐31'41	
inferior conj	-4977 Jan 18 j 14:54	21°♐49'45	4°03'14
minimum elong	-4977 Jan 18 j 16:00	21°♐47'24	4°02'55
min. Earth dist.	-4977 Jan 21 j 22:50	19°♐01'38	0.59615 AU
morning rise	-4977 Jan 25 j 19:09	16°♐20'06	
direct	-4977 Feb 01 j 08:03	14°♐26'09	
desc. node	-4977 Feb 08 j 13:07	16°♐34'02	
morning max el	-4977 Feb 15 j 12:47	22°♐00'34	27°00'53
	-4977 Feb 22 j 14:12	0°♑	
	-4977 Mar 13 j 04:16	0°♒	
morning set	-4977 Mar 18 j 00:07	9°♒41'47	
superior conj	-4977 Mar 25 j 02:52	24°♒59'08	0°-1'-51
minimum elong	-4977 Mar 25 j 02:57	24°♒59'37	0°02'01
behind sun begin	-4977 Mar 24 j 21:59	24°♒32'25	
behind sun end	-4977 Mar 25 j 07:55	25°♒26'48	
max. Earth dist.	-4977 Mar 24 j 20:21	24°♒23'31	1.32613 AU
asc. node	-4977 Mar 25 j 07:09	25°♒22'37	
	-4977 Mar 27 j 09:55	0°♓	
evening rise	-4977 Apr 01 j 03:38	10°♓09'22	
	-4977 Apr 11 j 11:20	0°♈	
evening max el	-4977 Apr 29 j 16:18	24°♈50'19	26°06'48
	-4977 May 06 j 09:54	0°♉	
desc. node	-4977 May 07 j 11:41	0°♉33'39	
retrograde	-4977 May 13 j 18:27	2°♉07'38	
evening set	-4977 May 19 j 19:44	0°♉37'23	
	-4977 May 21 j 00:07	30°℞♈	
min. Earth dist.	-4977 May 24 j 04:59	27°♈54'16	0.59061 AU
inferior conj	-4977 May 27 j 13:47	25°♈21'13	-4°-4'-45
minimum elong	-4977 May 27 j 11:32	25°♈25'31	4°04'29
morning rise	-4977 Jun 04 j 07:10	20°♈51'55	
direct	-4977 Jun 06 j 18:25	20°♈31'00	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning max el	-4977 Jun 14 j 13:58	24°♈14'15	18°29'59	
	-4977 Jun 19 j 09:17	0°♉		
asc. node	-4977 Jun 21 j 07:01	2°♉52'25		
morning set	-4977 Jun 30 j 17:30	19°♉52'48		
	-4977 Jul 06 j 00:04	0°♊		
superior conj	-4977 Jul 09 j 21:21	7°♊18'35	1°49'26	
minimum elong	-4977 Jul 09 j 21:40	7°♊20'05	1°49'40	
max. Earth dist.	-4977 Jul 17 j 04:20	20°♊25'12	1.39957 AU	
evening rise	-4977 Jul 21 j 14:45	27°♊59'04		
	-4977 Jul 22 j 19:50	0°♋		
desc. node	-4977 Aug 03 j 10:20	18°♋16'48		
	-4977 Aug 11 j 12:57	0°♌		
evening max el	-4977 Aug 25 j 11:26	17°♌11'06	23°36'32	
retrograde	-4977 Sep 05 j 01:02	23°♌25'53		
evening set	-4977 Sep 10 j 02:43	21°♌18'44		
inferior conj	-4977 Sep 15 j 10:48	14°♌58'34	0°-36'-47	
minimum elong	-4977 Sep 15 j 11:39	14°♌55'41	0°36'14	
min. Earth dist.	-4977 Sep 15 j 01:32	15°♌30'18	0.67350 AU	
asc. node	-4977 Sep 17 j 06:13	12°♌33'17		
morning rise	-4977 Sep 20 j 20:42	8°♌45'51		
direct	-4977 Sep 24 j 21:17	7°♌14'54		
morning max el	-4977 Oct 03 j 10:13	12°♌17'27	21°10'54	
greatest brilliancy	-4977 Oct 08 j 22:16	18°♌43'10	-0.5m	
	-4977 Oct 17 j 02:54	0°♍		
desc. node	-4977 Oct 30 j 10:13	19°♍56'50		
morning set	-4977 Nov 02 j 14:39	24°♍54'11		
	-4977 Nov 05 j 20:07	0°♎		
max. Earth dist.	-4977 Nov 10 j 19:17	8°♎00'15	1.42498 AU	
superior conj	-4977 Nov 17 j 20:23	19°♎45'41	-1°-38'-57	
minimum elong	-4977 Nov 17 j 15:29	19°♎24'49	1°38'41	
	-4977 Nov 23 j 17:58	0°♏		
evening rise	-4977 Nov 29 j 08:34	10°♏00'50		
	-4977 Dec 11 j 00:18	0°♐		
asc. node	-4977 Dec 14 j 04:51	4°♐20'30		
evening max el	-4977 Dec 16 j 01:33	6°♐24'14	18°07'59	
retrograde	-4977 Dec 22 j 18:54	9°♐53'13		
evening set	-4977 Dec 25 j 09:51	9°♐21'24		
inferior conj	-4976 Jan 01 j 02:35	4°♐17'38	4°02'42	
minimum elong	-4976 Jan 01 j 01:09	4°♐21'07	4°02'22	
min. Earth dist.	-4976 Jan 04 j 02:00	1°♐25'01	0.61584 AU	
	-4976 Jan 05 j 16:14	30°℞♏		
morning rise	-4976 Jan 07 j 14:07	28°♏31'46		
direct	-4976 Jan 14 j 14:24	26°♏04'57		
	-4976 Jan 24 j 06:42	0°♐		
desc. node	-4976 Jan 26 j 10:10	1°♐44'06		
morning max el	-4976 Jan 28 j 14:58	3°♐46'04	27°37'07	
	-4976 Feb 17 j 02:51	0°♑		
morning set	-4976 Mar 01 j 06:09	24°♑23'25		
	-4976 Mar 03 j 22:53	0°♒		
max. Earth dist.	-4976 Mar 07 j 08:19	7°♒15'54	1.32762 AU	
superior conj	-4976 Mar 08 j 13:50	9°♒56'06	0°-26'-37	
minimum elong	-4976 Mar 08 j 15:01	10°♒02'32	0°26'37	
asc. node	-4976 Mar 11 j 04:07	15°♒35'13		
evening rise	-4976 Mar 15 j 14:43	25°♒07'27		
	-4976 Mar 17 j 23:12	0°♓		
	-4976 Apr 05 j 01:46	0°♈		
evening max el	-4976 Apr 10 j 10:09	5°♈53'12	24°46'52	
desc. node	-4976 Apr 23 j 08:53	12°♈55'55		
retrograde	-4976 Apr 24 j 10:02	12°♈58'28		
evening set	-4976 Apr 29 j 06:13	12°♈04'57		
min. Earth dist.	-4976 May 04 j 22:22	9°♈07'56	0.57177 AU	
inferior conj	-4976 May 07 j 19:51	7°♈13'36	-3°-25'-7	
minimum elong	-4976 May 07 j 14:44	7°♈22'06	3°24'05	
morning rise	-4976 May 16 j 03:30	3°♈03'52		
direct	-4976 May 18 j 13:49	2°♈47'01		
morning max el	-4976 May 27 j 15:36	7°♈00'48	19°16'17	
asc. node	-4976 Jun 07 j 04:00	21°♈43'11		
	-4976 Jun 11 j 14:01	0°♉		
morning set	-4976 Jun 13 j 15:12	4°♉01'53		
superior conj	-4976 Jun 21 j 23:37	20°♉34'39	1°45'55	
minimum elong	-4976 Jun 21 j 22:01	20°♉26'51	1°46'02	
	-4976 Jun 26 j 22:32	0°♊		
max. Earth dist.	-4976 Jun 28 j 05:32	2°♊23'03	1.38026 AU	
evening rise	-4976 Jul 02 j 03:37	9°♊25'23		
	-4976 Jul 14 j 15:19	0°♋		
desc. node	-4976 Jul 20 j 07:25	8°♋28'52		
	-4976 Aug 06 j 06:36	0°♌		
evening max el	-4976 Aug 06 j 22:07	0°♌38'58	24°55'39	
retrograde	-4976 Aug 18 j 13:34	7°♌26'45		
evening set	-4976 Aug 24 j 06:21	5°♌00'51		
	-4976 Aug 28 j 16:14	30°℞♋		
min. Earth dist.	-4976 Aug 28 j 19:49	29°♋48'07	0.67034 AU	
inferior conj	-4976 Aug 29 j 15:52	28°♋41'41	-1°-28'-55	
minimum elong	-4976 Aug 29 j 17:52	28°♋35'00	1°27'54	
asc. node	-4976 Sep 03 j 03:20	23°♋28'16		
morning rise	-4976 Sep 04 j 05:47	22°♋36'16		
direct	-4976 Sep 07 j 18:50	21°♋23'35		
morning max el	-4976 Sep 15 j 10:06	25°♋49'44	20°00'45	
	-4976 Sep 19 j 01:12	0°♌		
greatest brilliancy	-4976 Sep 22 j 21:07	5°♌05'40	-0.6m	
	-4976 Oct 09 j 12:32	0°♍		
morning set	-4976 Oct 11 j 13:27	3°♍09'10		
desc. node	-4976 Oct 16 j 07:08	10°♍31'56		
max. Earth dist.	-4976 Oct 23 j 06:08	21°♍31'29	1.43900 AU	
superior conj	-4976 Oct 28 j 04:04	29°♍26'20	-1°-10'-18	
minimum elong	-4976 Oct 27 j 21:26	28°♍59'24	1°09'35	
	-4976 Oct 28 j 12:21	0°♎		
evening rise	-4976 Nov 10 j 13:35	21°♎50'01		
	-4976 Nov 15 j 08:06	0°♏		
evening max el	-4976 Nov 28 j 14:16	19°♏41'31	18°15'27	
asc. node	-4976 Nov 30 j 01:59	21°♏03'53		
retrograde	-4976 Dec 05 j 03:41	23°♏14'09		
evening set	-4976 Dec 07 j 22:05	22°♏34'15		
inferior conj	-4976 Dec 14 j 04:47	17°♏10'23	3°42'20	
minimum elong	-4976 Dec 14 j 01:56	17°♏18'11	3°41'40	
min. Earth dist.	-4976 Dec 16 j 14:42	14°♏32'57	0.63373 AU	
morning rise	-4976 Dec 20 j 04:06	11°♏12'35		
direct	-4976 Dec 27 j 05:01	8°♏26'45		
morning max el	-4975 Jan 09 j 22:05	16°♏09'31	27°37'08	
desc. node	-4975 Jan 12 j 07:10	18°♏37'30		
	-4975 Jan 21 j 10:09	0°♐		
	-4975 Feb 08 j 18:06	0°♑		
morning set	-4975 Feb 13 j 05:50	8°♑42'15		
max. Earth dist.	-4975 Feb 18 j 14:38	19°♑45'23	1.33290 AU	
superior conj	-4975 Feb 20 j 22:19	24°♑42'02	0°-50'-43	
minimum elong	-4975 Feb 21 j 00:29	24°♑53'35	0°50'36	
	-4975 Feb 23 j 09:25	0°♒		
asc. node	-4975 Feb 26 j 01:06	5°♒42'10		
evening rise	-4975 Feb 28 j 02:16	10°♒02'43		
	-4975 Mar 10 j 12:49	0°♓		
evening max el	-4975 Mar 23 j 02:27	16°♓38'13	23°14'01	
retrograde	-4975 Apr 05 j 12:50	23°♓15'26		
evening set	-4975 Apr 09 j 02:09	22°♓47'46		
desc. node	-4975 Apr 10 j 06:02	22°♓27'23		
min. Earth dist.	-4975 Apr 16 j 13:29	19°♓25'05	0.55797 AU	
inferior conj	-4975 Apr 18 j 06:26	18°♓24'49	-2°-6'-30	
minimum elong	-4975 Apr 18 j 01:24	18°♓32'14	2°05'05	
morning rise	-4975 Apr 27 j 03:43	14°♓26'06		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

direct	-4975 Apr 29 j 14:55	14°♓11'15	
morning max el	-4975 May 10 j 07:24	19°♓10'17	20°22'41
	-4975 May 18 j 19:28	0°♈	
asc. node	-4975 May 25 j 00:58	11°♈03'38	
morning set	-4975 May 28 j 19:45	18°♈34'44	
	-4975 Jun 03 j 09:20	0°♉	
superior conj	-4975 Jun 05 j 14:35	4°♉31'05	1°34'59
minimum elong	-4975 Jun 05 j 12:01	4°♉18'09	1°34'52
max. Earth dist.	-4975 Jun 10 j 11:02	14°♉07'54	1.36276 AU
evening rise	-4975 Jun 14 j 14:58	22°♉00'08	
	-4975 Jun 19 j 01:48	0°♊	
desc. node	-4975 Jul 07 j 04:30	28°♊18'53	
	-4975 Jul 08 j 10:09	0°♋	
evening max el	-4975 Jul 20 j 08:47	14°♋09'05	26°05'08
retrograde	-4975 Aug 01 j 21:26	21°♋19'02	
evening set	-4975 Aug 08 j 04:45	18°♋38'42	
min. Earth dist.	-4975 Aug 12 j 09:45	14°♋04'09	0.66389 AU
inferior conj	-4975 Aug 13 j 17:38	12°♋23'52	-2°-18'-19
minimum elong	-4975 Aug 13 j 20:37	12°♋14'29	2°17'02
morning rise	-4975 Aug 19 j 13:12	6°♋29'04	
asc. node	-4975 Aug 21 j 00:27	5°♋47'58	
direct	-4975 Aug 22 j 17:03	5°♋31'30	
morning max el	-4975 Aug 29 j 16:39	9°♋29'00	19°04'42
	-4975 Sep 13 j 08:25	0°♌	
morning set	-4975 Sep 21 j 00:14	12°♌03'25	
	-4975 Oct 02 j 09:34	0°♍	
desc. node	-4975 Oct 03 j 04:02	1°♍12'46	
max. Earth dist.	-4975 Oct 05 j 22:04	5°♍33'03	1.44674 AU
superior conj	-4975 Oct 07 j 11:22	8°♍00'27	0°-26'-52
minimum elong	-4975 Oct 07 j 07:57	7°♍46'56	0°26'20
	-4975 Oct 21 j 04:59	0°♎	
evening rise	-4975 Oct 22 j 19:57	2°♎38'29	
	-4975 Nov 09 j 10:21	0°♏	
evening max el	-4975 Nov 12 j 02:26	3°♏05'34	18°41'07
asc. node	-4975 Nov 16 j 23:08	6°♏32'32	
retrograde	-4975 Nov 18 j 19:37	6°♏51'28	
evening set	-4975 Nov 21 j 19:07	6°♏01'28	
inferior conj	-4975 Nov 27 j 17:50	0°♏19'54	3°08'44
minimum elong	-4975 Nov 27 j 14:34	0°♏29'40	3°07'46
	-4975 Nov 28 j 00:28	30°℞♎	
min. Earth dist.	-4975 Nov 29 j 13:10	28°♎10'29	0.64851 AU
morning rise	-4975 Dec 03 j 08:51	24°♎13'09	
direct	-4975 Dec 10 j 02:16	21°♎23'35	
morning max el	-4975 Dec 23 j 07:24	29°♎00'04	27°03'51
	-4975 Dec 24 j 07:02	0°♏	
desc. node	-4975 Dec 30 j 04:09	6°♏43'42	
	-4974 Jan 15 j 05:43	0°♐	
morning set	-4974 Jan 27 j 19:59	22°♐27'26	
	-4974 Jan 31 j 15:35	0°♑	
max. Earth dist.	-4974 Feb 01 j 11:39	1°♑41'38	1.34240 AU
superior conj	-4974 Feb 05 j 02:19	9°♑09'37	-1°-13'-5
minimum elong	-4974 Feb 05 j 05:09	9°♑24'26	1°12'56
evening rise	-4974 Feb 12 j 12:30	24°♑48'33	
asc. node	-4974 Feb 12 j 22:07	25°♑38'25	
	-4974 Feb 15 j 01:17	0°♒	
evening max el	-4974 Mar 04 j 23:07	27°♒31'10	21°41'57
	-4974 Mar 07 j 21:58	0°♓	
retrograde	-4974 Mar 17 j 04:27	3°♓23'28	
evening set	-4974 Mar 19 j 20:59	3°♓07'16	
	-4974 Mar 27 j 12:36	30°℞♒	
desc. node	-4974 Mar 28 j 03:10	29°♒39'49	
inferior conj	-4974 Mar 29 j 03:48	29°♒05'15	0°-16'-55
minimum elong	-4974 Mar 29 j 03:01	29°♒06'22	0°16'49
min. Earth dist.	-4974 Mar 29 j 03:41	29°♒05'25	0.55212 AU
morning rise	-4974 Apr 07 j 09:25	25°♒03'08	
direct	-4974 Apr 10 j 04:41	24°♒45'43	
	-4974 Apr 21 j 19:43	0°♓	
morning max el	-4974 Apr 22 j 12:10	0°♓37'35	21°47'14
asc. node	-4974 May 11 j 21:56	0°♈46'01	
	-4974 May 11 j 12:52	0°♈	
morning set	-4974 May 13 j 04:48	3°♈24'34	
superior conj	-4974 May 20 j 14:27	18°♈56'43	1°18'45
minimum elong	-4974 May 20 j 11:44	18°♈42'30	1°18'27
max. Earth dist.	-4974 May 24 j 01:51	26°♈06'34	1.34838 AU
	-4974 May 26 j 00:17	0°♉	
evening rise	-4974 May 28 j 19:17	5°♉27'52	
	-4974 Jun 11 j 19:13	0°♊	
desc. node	-4974 Jun 24 j 01:35	17°♊37'37	
evening max el	-4974 Jul 02 j 20:11	27°♊35'40	26°56'47
	-4974 Jul 05 j 11:54	0°♋	
retrograde	-4974 Jul 16 j 00:07	4°♋56'56	
evening set	-4974 Jul 22 j 19:33	2°♋09'51	
	-4974 Jul 25 j 02:35	30°℞♊	
min. Earth dist.	-4974 Jul 26 j 16:56	28°♊14'16	0.65378 AU
inferior conj	-4974 Jul 28 j 14:06	26°♊02'26	-3°-2'-52
minimum elong	-4974 Jul 28 j 17:38	25°♊52'07	3°01'38
morning rise	-4974 Aug 03 j 16:51	20°♊21'40	
direct	-4974 Aug 06 j 13:50	19°♊36'07	
asc. node	-4974 Aug 07 j 21:32	19°♊45'39	
morning max el	-4974 Aug 13 j 04:17	23°♊13'25	18°24'48
	-4974 Aug 18 j 14:02	0°♋	
morning set	-4974 Sep 01 j 12:43	22°♋13'27	
	-4974 Sep 06 j 07:08	0°♌	
superior conj	-4974 Sep 16 j 11:04	16°♌17'17	0°22'25
minimum elong	-4974 Sep 16 j 13:54	16°♌28'30	0°22'14
max. Earth dist.	-4974 Sep 18 j 16:19	19°♌47'54	1.44729 AU
desc. node	-4974 Sep 20 j 00:57	21°♌56'37	
	-4974 Sep 25 j 03:54	0°♍	
evening rise	-4974 Oct 03 j 01:05	12°♍22'05	
	-4974 Oct 14 j 08:26	0°♎	
greatest brilliancy	-4974 Oct 16 j 20:34	3°♎47'46	-0.7m
evening max el	-4974 Oct 26 j 11:34	16°♎32'24	19°23'40
retrograde	-4974 Nov 02 j 15:28	20°♎40'21	
asc. node	-4974 Nov 03 j 20:17	20°♎32'01	
evening set	-4974 Nov 05 j 22:08	19°♎37'45	
inferior conj	-4974 Nov 11 j 14:41	13°♎41'33	2°26'24
minimum elong	-4974 Nov 11 j 11:45	13°♎50'59	2°25'22
min. Earth dist.	-4974 Nov 12 j 20:25	12°♎06'13	0.65974 AU
morning rise	-4974 Nov 17 j 00:34	7°♎28'15	
direct	-4974 Nov 23 j 05:22	4°♎47'20	
morning max el	-4974 Dec 05 j 16:55	12°♎06'56	26°04'01
desc. node	-4974 Dec 17 j 01:07	25°♎41'20	
	-4974 Dec 20 j 03:42	0°♏	
	-4973 Jan 07 j 20:45	0°♐	
morning set	-4973 Jan 10 j 20:30	5°♐26'38	
max. Earth dist.	-4973 Jan 14 j 21:23	13°♐05'43	1.35635 AU
superior conj	-4973 Jan 19 j 23:23	23°♐11'26	-1°-32'-15
minimum elong	-4973 Jan 20 j 02:21	23°♐26'26	1°32'13
	-4973 Jan 23 j 07:10	0°♑	
evening rise	-4973 Jan 27 j 19:38	9°♑19'07	
asc. node	-4973 Jan 30 j 19:08	15°♑19'02	
	-4973 Feb 08 j 01:34	0°♒	
evening max el	-4973 Feb 15 j 04:46	8°♒52'21	20°21'27
retrograde	-4973 Feb 25 j 19:03	13°♒53'39	
evening set	-4973 Feb 28 j 04:01	13°♒39'36	
inferior conj	-4973 Mar 09 j 00:59	9°♒40'58	1°36'01
minimum elong	-4973 Mar 09 j 04:57	9°♒35'07	1°34'32
min. Earth dist.	-4973 Mar 10 j 17:37	8°♒40'57	0.55554 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-4973 Mar 15 j 00:20	6°♒25'32	
morning rise	-4973 Mar 18 j 03:38	5°♒18'28	
direct	-4973 Mar 21 j 18:54	4°♒49'37	
morning max el	-4973 Apr 04 j 07:36	11°♒29'07	23°23'55
	-4973 Apr 18 j 02:31	0°♓	
morning set	-4973 Apr 27 j 16:22	18°♓24'27	
asc. node	-4973 Apr 28 j 18:51	20°♓43'43	
	-4973 May 03 j 02:55	0°♈	
superior conj	-4973 May 04 j 20:19	3°♈41'54	0°58'49
minimum elong	-4973 May 04 j 18:00	3°♈29'30	0°58'25
max. Earth dist.	-4973 May 07 j 02:32	8°♈29'56	1.33763 AU
evening rise	-4973 May 12 j 11:47	19°♈33'36	
	-4973 May 17 j 22:27	0°♉	
	-4973 Jun 05 j 21:56	0°♊	
desc. node	-4973 Jun 10 j 22:43	6°♊11'08	
evening max el	-4973 Jun 15 j 06:58	10°♊46'14	27°23'13
retrograde	-4973 Jun 28 j 21:12	18°♊11'27	
evening set	-4973 Jul 05 j 23:42	15°♊28'53	
min. Earth dist.	-4973 Jul 09 j 15:19	12°♊08'59	0.63979 AU
inferior conj	-4973 Jul 12 j 02:44	9°♊31'35	-3°-39'-50
minimum elong	-4973 Jul 12 j 06:06	9°♊22'36	3°38'57
morning rise	-4973 Jul 18 j 14:15	4°♊08'08	
direct	-4973 Jul 21 j 06:27	3°♊31'53	
asc. node	-4973 Jul 25 j 18:36	5°♊13'30	
morning max el	-4973 Jul 27 j 18:40	6°♊57'51	18°02'12
	-4973 Aug 12 j 00:41	0°♋	
morning set	-4973 Aug 14 j 03:27	3°♋37'59	
superior conj	-4973 Aug 27 j 01:39	25°♋20'27	1°04'52
minimum elong	-4973 Aug 27 j 07:36	25°♋44'44	1°04'27
	-4973 Aug 29 j 22:34	0°♌	
max. Earth dist.	-4973 Sep 01 j 09:06	3°♌54'53	1.44066 AU
desc. node	-4973 Sep 06 j 21:52	12°♌40'02	
evening rise	-4973 Sep 12 j 09:38	21°♌12'47	
	-4973 Sep 18 j 02:58	0°♍	
greatest brilliancy	-4973 Oct 03 j 01:51	21°♍57'52	-0.6m
evening max el	-4973 Oct 09 j 15:34	29°♍58'39	20°21'23
	-4973 Oct 09 j 16:05	0°♎	
retrograde	-4973 Oct 17 j 12:41	4°♎36'41	
evening set	-4973 Oct 21 j 04:41	3°♎18'51	
asc. node	-4973 Oct 21 j 17:28	2°♎54'33	
	-4973 Oct 24 j 12:56	30°♍	
inferior conj	-4973 Oct 26 j 16:47	27°♍11'23	1°38'22
minimum elong	-4973 Oct 26 j 14:38	27°♍18'35	1°37'33
min. Earth dist.	-4973 Oct 27 j 10:29	26°♍11'53	0.66751 AU
morning rise	-4973 Nov 01 j 00:05	20°♍54'13	
direct	-4973 Nov 06 j 13:55	18°♍29'49	
morning max el	-4973 Nov 18 j 01:53	25°♍20'24	24°46'32
	-4973 Nov 22 j 08:04	0°♎	
desc. node	-4973 Dec 03 j 22:03	15°♎15'06	
	-4973 Dec 13 j 16:17	0°♏	
morning set	-4973 Dec 24 j 02:00	17°♏24'48	
max. Earth dist.	-4973 Dec 27 j 21:11	24°♏14'42	1.37423 AU
	-4973 Dec 30 j 23:23	0°♐	
superior conj	-4972 Jan 03 j 10:22	6°♐38'13	-1°-46'-20
minimum elong	-4972 Jan 03 j 12:35	6°♐49'01	1°46'27
evening rise	-4972 Jan 11 j 21:30	23°♐28'00	
	-4972 Jan 15 j 05:14	0°♑	
asc. node	-4972 Jan 17 j 16:12	4°♑38'03	
evening max el	-4972 Jan 28 j 20:54	20°♑49'37	19°18'36
retrograde	-4972 Feb 06 j 20:59	25°♑06'41	
evening set	-4972 Feb 09 j 06:02	24°♑50'05	
inferior conj	-4972 Feb 17 j 11:19	20°♑40'18	3°02'34
minimum elong	-4972 Feb 17 j 16:21	20°♑31'50	3°01'09
min. Earth dist.	-4972 Feb 20 j 08:28	18°♑45'09	0.56731 AU
morning rise	-4972 Feb 25 j 23:02	15°♑48'17	
desc. node	-4972 Feb 29 j 21:28	14°♑55'54	
direct	-4972 Mar 01 j 19:38	14°♑53'54	
morning max el	-4972 Mar 15 j 22:47	22°♑06'14	25°01'18
	-4972 Mar 22 j 21:04	0°♒	
	-4972 Apr 09 j 12:33	0°♓	
morning set	-4972 Apr 11 j 04:42	3°♓28'24	
asc. node	-4972 Apr 14 j 15:49	10°♓51'49	
superior conj	-4972 Apr 18 j 05:58	18°♓39'29	0°36'23
minimum elong	-4972 Apr 18 j 04:25	18°♓31'07	0°36'00
max. Earth dist.	-4972 Apr 19 j 10:53	21°♓16'09	1.33049 AU
	-4972 Apr 23 j 13:13	0°♈	
evening rise	-4972 Apr 25 j 12:49	4°♈06'07	
	-4972 May 09 j 16:20	0°♉	
evening max el	-4972 May 27 j 14:59	23°♉28'38	27°18'59
desc. node	-4972 May 27 j 19:52	23°♉40'17	
	-4972 Jun 06 j 00:15	0°♊	
retrograde	-4972 Jun 10 j 12:08	0°♊53'33	
	-4972 Jun 14 j 19:30	30°♉	
evening set	-4972 Jun 17 j 13:31	28°♉29'39	
min. Earth dist.	-4972 Jun 21 j 04:00	25°♉36'01	0.62223 AU
inferior conj	-4972 Jun 24 j 04:32	22°♉45'00	-4°-5'-4
minimum elong	-4972 Jun 24 j 06:41	22°♉39'53	4°04'41
morning rise	-4972 Jul 01 j 02:23	17°♉41'31	
direct	-4972 Jul 03 j 15:37	17°♉12'26	
morning max el	-4972 Jul 10 j 09:07	20°♉36'29	17°57'49
asc. node	-4972 Jul 11 j 15:38	21°♉56'55	
	-4972 Jul 17 j 10:17	0°♊	
morning set	-4972 Jul 26 j 15:44	16°♊04'12	
	-4972 Aug 03 j 11:34	0°♋	
superior conj	-4972 Aug 06 j 19:06	5°♋43'43	1°33'13
minimum elong	-4972 Aug 06 j 23:48	6°♋03'51	1°33'07
max. Earth dist.	-4972 Aug 13 j 21:06	17°♋34'34	1.42780 AU
evening rise	-4972 Aug 21 j 13:54	29°♋53'44	
	-4972 Aug 21 j 15:30	0°♌	
desc. node	-4972 Aug 23 j 18:51	3°♌20'04	
	-4972 Sep 10 j 19:16	0°♍	
greatest brilliancy	-4972 Sep 16 j 11:28	7°♍32'52	-0.4m
evening max el	-4972 Sep 21 j 13:18	13°♍23'40	21°31'32
retrograde	-4972 Sep 30 j 09:11	18°♍37'59	
evening set	-4972 Oct 04 j 12:45	17°♍02'21	
asc. node	-4972 Oct 07 j 14:39	13°♍51'43	
inferior conj	-4972 Oct 09 j 22:02	10°♍47'17	0°46'53
minimum elong	-4972 Oct 09 j 20:57	10°♍50'58	0°46'32
min. Earth dist.	-4972 Oct 10 j 04:58	10°♍23'24	0.67215 AU
morning rise	-4972 Oct 15 j 04:52	4°♍29'10	
direct	-4972 Oct 20 j 03:24	2°♍25'10	
morning max el	-4972 Oct 30 j 11:28	8°♍35'58	23°20'57
greatest brilliancy	-4972 Nov 05 j 01:21	14°♍55'14	-0.2m
	-4972 Nov 16 j 05:14	0°♎	
desc. node	-4972 Nov 19 j 18:57	5°♎14'18	
morning set	-4972 Dec 04 j 06:21	28°♎05'39	
	-4972 Dec 05 j 09:33	0°♏	
max. Earth dist.	-4972 Dec 08 j 17:00	5°♏40'25	1.39456 AU
superior conj	-4972 Dec 16 j 07:00	19°♏18'04	-1°-52'-42
minimum elong	-4972 Dec 16 j 07:16	19°♏19'18	1°52'55
	-4972 Dec 21 j 22:46	0°♐	
evening rise	-4972 Dec 25 j 15:29	7°♐07'40	
asc. node	-4971 Jan 03 j 13:19	23°♐27'18	
	-4971 Jan 07 j 23:40	0°♑	
evening max el	-4971 Jan 10 j 22:16	3°♑18'56	18°35'27
retrograde	-4971 Jan 18 j 16:31	7°♑05'35	
evening set	-4971 Jan 21 j 03:48	6°♑43'59	
inferior conj	-4971 Jan 28 j 17:12	2°♑15'04	3°51'07

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-4971 Jan 28 j 20:02	2°♉09'32	3°50'31
	-4971 Jan 31 j 14:52	30°℞♐	
min. Earth dist.	-4971 Feb 01 j 01:47	29°♐39'39	0.58483 AU
morning rise	-4971 Feb 05 j 08:43	26°♐57'05	
direct	-4971 Feb 11 j 09:42	25°♐25'09	
desc. node	-4971 Feb 15 j 18:35	26°♐12'04	
	-4971 Feb 22 j 08:04	0°♉	
morning max el	-4971 Feb 25 j 15:33	2°♉54'50	26°24'37
	-4971 Mar 17 j 03:17	0°♒	
morning set	-4971 Mar 26 j 16:04	18°♒28'57	
	-4971 Apr 01 j 00:53	0°♓	
asc. node	-4971 Apr 01 j 12:47	1°♓04'57	
superior conj	-4971 Apr 02 j 17:27	3°♓41'42	0°12'23
minimum elong	-4971 Apr 02 j 16:54	3°♓38'45	0°12'07
behind sun begin	-4971 Apr 02 j 13:41	3°♓21'09	
behind sun end	-4971 Apr 02 j 20:07	3°♓56'20	
max. Earth dist.	-4971 Apr 02 j 23:30	4°♓14'50	1.32676 AU
evening rise	-4971 Apr 09 j 19:29	18°♓54'49	
	-4971 Apr 15 j 08:52	0°♈	
	-4971 May 04 j 14:35	0°♉	
evening max el	-4971 May 09 j 18:06	5°♉32'59	26°42'01
desc. node	-4971 May 14 j 17:04	9°♉37'50	
retrograde	-4971 May 23 j 19:40	12°♉54'15	
evening set	-4971 May 30 j 08:54	11°♉02'25	
min. Earth dist.	-4971 Jun 03 j 07:31	8°♉20'02	0.60227 AU
inferior conj	-4971 Jun 06 j 16:00	5°♉34'08	-4°-12'-16
minimum elong	-4971 Jun 06 j 15:38	5°♉34'54	4°12'07
morning rise	-4971 Jun 14 j 01:46	0°♉52'08	
direct	-4971 Jun 16 j 13:24	0°♉28'37	
morning max el	-4971 Jun 23 j 20:48	4°♉01'39	18°12'31
asc. node	-4971 Jun 28 j 12:39	9°♉40'03	
morning set	-4971 Jul 09 j 20:21	29°♉18'54	
	-4971 Jul 10 j 05:06	0°♊	
superior conj	-4971 Jul 19 j 14:50	17°♊25'36	1°47'04
minimum elong	-4971 Jul 19 j 16:41	17°♊33'56	1°47'15
	-4971 Jul 26 j 19:08	0°♋	
max. Earth dist.	-4971 Jul 27 j 03:20	0°♋34'49	1.41053 AU
evening rise	-4971 Aug 01 j 09:57	9°♋20'33	
desc. node	-4971 Aug 10 j 15:51	23°♋53'07	
	-4971 Aug 14 j 17:42	0°♌	
greatest brilliancy	-4971 Aug 30 j 06:50	21°♌17'23	-0.3m
evening max el	-4971 Sep 04 j 05:13	26°♌48'50	22°50'02
	-4971 Sep 07 j 18:39	0°♍	
retrograde	-4971 Sep 14 j 03:22	2°♍41'53	
evening set	-4971 Sep 18 j 20:29	0°♍46'37	
	-4971 Sep 19 j 17:10	30°℞♌	
inferior conj	-4971 Sep 24 j 04:33	24°♌27'28	0°-6'-9
minimum elong	-4971 Sep 24 j 04:41	24°♌27'00	0°05'55
transit middle	-4971 Sep 24 j 04:41	24°♌27'00	0°05'55
transit begin	-4971 Sep 24 j 02:10	24°♌35'41	
transit end	-4971 Sep 24 j 07:12	24°♌18'19	
min. Earth dist.	-4971 Sep 24 j 01:17	24°♌38'46	0.67383 AU
asc. node	-4971 Sep 24 j 11:47	24°♌02'32	
morning rise	-4971 Sep 29 j 12:49	18°♌11'44	
direct	-4971 Oct 03 j 21:02	16°♌28'52	
morning max el	-4971 Oct 13 j 00:43	21°♌55'36	21°56'20
greatest brilliancy	-4971 Oct 17 j 22:08	27°♌30'41	-0.4m
	-4971 Oct 19 j 21:09	0°♍	
desc. node	-4971 Nov 06 j 15:52	25°♍31'45	
	-4971 Nov 09 j 13:28	0°♎	
morning set	-4971 Nov 14 j 06:11	7°♎23'57	
max. Earth dist.	-4971 Nov 20 j 16:42	17°♎53'48	1.41470 AU
	-4971 Nov 27 j 18:49	0°♏	
superior conj	-4971 Nov 28 j 08:02	0°♏57'57	-1°-48'-4
minimum elong	-4971 Nov 28 j 05:07	0°♏45'11	1°48'05
evening rise	-4971 Dec 08 j 22:23	20°♏11'14	
	-4971 Dec 14 j 07:07	0°♐	
asc. node	-4971 Dec 21 j 10:26	11°♐37'20	
evening max el	-4971 Dec 25 j 06:18	16°♐12'57	18°12'19
retrograde	-4970 Jan 01 j 05:35	19°♐44'13	
evening set	-4970 Jan 03 j 19:15	19°♐16'17	
inferior conj	-4970 Jan 10 j 18:48	14°♐25'12	4°05'52
minimum elong	-4970 Jan 10 j 18:43	14°♐25'24	4°05'38
min. Earth dist.	-4970 Jan 14 j 00:13	11°♐32'19	0.60471 AU
morning rise	-4970 Jan 17 j 15:28	8°♐48'16	
direct	-4970 Jan 24 j 10:54	6°♐38'42	
desc. node	-4970 Feb 02 j 15:40	10°♐06'30	
morning max el	-4970 Feb 07 j 13:51	14°♐16'16	27°20'30
	-4970 Feb 20 j 06:34	0°♉	
	-4970 Mar 09 j 09:38	0°♒	
morning set	-4970 Mar 11 j 00:37	3°♒19'24	
max. Earth dist.	-4970 Mar 17 j 12:49	17°♒13'28	1.32638 AU
superior conj	-4970 Mar 18 j 05:05	18°♒42'16	0°-12'-22
minimum elong	-4970 Mar 18 j 05:38	18°♒45'19	0°12'28
behind sun begin	-4970 Mar 18 j 02:32	18°♒28'21	
behind sun end	-4970 Mar 18 j 08:44	19°♒02'16	
asc. node	-4970 Mar 19 j 09:45	21°♒18'57	
	-4970 Mar 23 j 09:50	0°♓	
evening rise	-4970 Mar 25 j 05:31	3°♓51'40	
	-4970 Apr 08 j 08:30	0°♈	
evening max el	-4970 Apr 21 j 15:10	16°♈56'30	25°35'16
desc. node	-4970 May 01 j 14:15	23°♈29'02	
retrograde	-4970 May 05 j 17:21	24°♈09'23	
evening set	-4970 May 11 j 07:00	22°♈55'47	
min. Earth dist.	-4970 May 16 j 03:46	20°♈08'13	0.58221 AU
inferior conj	-4970 May 19 j 09:32	17°♈49'36	-3°-52'-30
minimum elong	-4970 May 19 j 05:53	17°♈56'09	3°51'58
morning rise	-4970 May 27 j 08:49	13°♈28'46	
direct	-4970 May 29 j 19:38	13°♈09'42	
morning max el	-4970 Jun 07 j 02:48	17°♈04'23	18°47'09
asc. node	-4970 Jun 15 j 09:38	28°♈09'19	
	-4970 Jun 16 j 11:36	0°♉	
morning set	-4970 Jun 23 j 12:50	13°♉10'43	
superior conj	-4970 Jul 02 j 07:32	0°♊11'21	1°49'01
minimum elong	-4970 Jul 02 j 06:55	0°♊08'26	1°49'13
	-4970 Jul 02 j 05:08	0°♊	
max. Earth dist.	-4970 Jul 09 j 05:28	12°♊53'33	1.39127 AU
evening rise	-4970 Jul 13 j 07:49	20°♊02'11	
	-4970 Jul 19 j 07:51	0°♋	
desc. node	-4970 Jul 28 j 12:53	14°♋14'17	
	-4970 Aug 08 j 20:58	0°♌	
evening max el	-4970 Aug 17 j 17:09	10°♌15'22	24°10'59
retrograde	-4970 Aug 28 j 18:00	16°♌44'38	
evening set	-4970 Sep 03 j 02:06	14°♌29'23	
inferior conj	-4970 Sep 08 j 10:36	8°♌09'32	0°-59'-7
minimum elong	-4970 Sep 08 j 11:57	8°♌04'56	0°58'20
min. Earth dist.	-4970 Sep 07 j 20:55	8°♌55'48	0.67254 AU
asc. node	-4970 Sep 11 j 08:55	4°♌24'36	
morning rise	-4970 Sep 13 j 22:00	1°♌59'30	
direct	-4970 Sep 17 j 17:31	0°♌36'28	
morning max el	-4970 Sep 25 j 20:20	5°♌22'15	20°39'33
greatest brilliancy	-4970 Oct 02 j 00:44	12°♌45'59	-0.5m
	-4970 Oct 14 j 01:05	0°♍	
morning set	-4970 Oct 24 j 08:26	15°♍44'35	
desc. node	-4970 Oct 24 j 12:45	16°♍01'20	
	-4970 Nov 02 j 08:51	0°♎	
max. Earth dist.	-4970 Nov 03 j 00:00	1°♎01'04	1.43168 AU
superior conj	-4970 Nov 09 j 07:41	11°♎23'30	-1°-28'-51

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-4970 Nov 09 j 01:37	10°♎58'13	1°28'21
	-4970 Nov 20 j 04:01	0°♏	
evening rise	-4970 Nov 21 j 14:06	2°♏29'54	
asc. node	-4970 Dec 08 j 07:33	28°♏56'08	
evening max el	-4970 Dec 08 j 18:04	29°♏23'18	18°08'49
	-4970 Dec 09 j 09:17	0°♐	
retrograde	-4970 Dec 15 j 08:33	2°♐52'17	
evening set	-4970 Dec 18 j 00:56	2°♐17'03	
	-4970 Dec 21 j 11:52	30°℞♏	
inferior conj	-4970 Dec 24 j 13:06	27°♏04'16	3°56'00
minimum elong	-4970 Dec 24 j 10:55	27°♏09'50	3°55'33
min. Earth dist.	-4970 Dec 27 j 07:00	24°♏16'25	0.62385 AU
morning rise	-4970 Dec 30 j 18:57	21°♏13'09	
direct	-4969 Jan 06 j 20:45	18°♏36'37	
desc. node	-4969 Jan 20 j 12:42	26°♏04'30	
morning max el	-4969 Jan 20 j 18:17	26°♏18'06	27°41'29
	-4969 Jan 24 j 06:13	0°♐	
	-4969 Feb 13 j 18:13	0°♑	
morning set	-4969 Feb 23 j 04:17	17°♑52'22	
	-4969 Feb 28 j 23:17	0°♒	
max. Earth dist.	-4969 Feb 28 j 23:00	29°♑58'24	1.32944 AU
superior conj	-4969 Mar 02 j 15:13	3°♒35'21	0°-36'-59
minimum elong	-4969 Mar 02 j 16:50	3°♒44'06	0°36'55
asc. node	-4969 Mar 06 j 06:44	11°♒29'50	
evening rise	-4969 Mar 09 j 17:02	18°♒49'41	
	-4969 Mar 15 j 05:54	0°♓	
evening max el	-4969 Apr 03 j 07:47	27°♓49'10	24°08'04
	-4969 Apr 05 j 19:06	0°♈	
retrograde	-4969 Apr 17 j 03:11	4°♈44'10	
desc. node	-4969 Apr 18 j 11:25	4°♈40'04	
evening set	-4969 Apr 21 j 10:01	4°♈03'19	
min. Earth dist.	-4969 Apr 27 j 19:38	0°♈57'02	0.56512 AU
	-4969 Apr 29 j 08:26	30°℞♓	
inferior conj	-4969 Apr 30 j 07:03	29°♓24'30	-2°-56'-32
minimum elong	-4969 Apr 30 j 01:26	29°♓33'18	2°55'11
morning rise	-4969 May 08 j 20:46	25°♓20'58	
direct	-4969 May 11 j 07:18	25°♓05'10	
morning max el	-4969 May 21 j 00:27	29°♓36'10	19°42'08
	-4969 May 21 j 10:29	0°♈	
asc. node	-4969 Jun 02 j 06:36	17°♈14'02	
morning set	-4969 Jun 07 j 13:48	27°♈31'27	
	-4969 Jun 08 j 19:20	0°♉	
superior conj	-4969 Jun 15 j 15:46	13°♉46'35	1°42'02
minimum elong	-4969 Jun 15 j 13:39	13°♉36'06	1°42'04
max. Earth dist.	-4969 Jun 21 j 08:12	24°♉44'41	1.37250 AU
	-4969 Jun 24 j 04:29	0°♊	
evening rise	-4969 Jun 25 j 06:56	1°♊59'31	
	-4969 Jul 12 j 10:40	0°♋	
desc. node	-4969 Jul 15 j 09:56	4°♋18'05	
evening max el	-4969 Jul 31 j 03:39	23°♋44'41	25°26'50
	-4969 Aug 08 j 17:45	0°♌	
retrograde	-4969 Aug 12 j 04:28	0°♌42'45	
	-4969 Aug 15 j 09:24	30°℞♋	
evening set	-4969 Aug 18 j 03:46	28°♋09'48	
min. Earth dist.	-4969 Aug 22 j 13:30	23°♋13'21	0.66808 AU
inferior conj	-4969 Aug 23 j 14:28	21°♋52'17	-1°-50'-19
minimum elong	-4969 Aug 23 j 16:56	21°♋44'17	1°49'09
morning rise	-4969 Aug 29 j 06:37	15°♋51'15	
asc. node	-4969 Aug 29 j 06:01	15°♋52'14	
direct	-4969 Sep 01 j 15:32	14°♋45'22	
morning max el	-4969 Sep 08 j 23:13	18°♋57'51	19°35'06
	-4969 Sep 17 j 13:50	0°♌	
greatest brilliancy	-4969 Sep 17 j 18:38	0°♌17'21	-0.7m
morning set	-4969 Oct 03 j 09:45	24°♌09'19	
	-4969 Oct 07 j 03:42	0°♍	
desc. node	-4969 Oct 11 j 09:38	6°♍39'05	
max. Earth dist.	-4969 Oct 16 j 13:48	14°♍48'57	1.44317 AU
superior conj	-4969 Oct 20 j 03:46	20°♍31'34	0°-53'-20
minimum elong	-4969 Oct 19 j 21:49	20°♍07'45	0°52'35
	-4969 Oct 26 j 00:23	0°♎	
evening rise	-4969 Nov 03 j 10:00	13°♎54'22	
	-4969 Nov 13 j 02:26	0°♏	
evening max el	-4969 Nov 22 j 06:48	12°♏43'32	18°24'09
asc. node	-4969 Nov 25 j 04:41	15°♏09'32	
retrograde	-4969 Nov 28 j 20:58	16°♏20'56	
evening set	-4969 Dec 01 j 17:18	15°♏36'58	
inferior conj	-4969 Dec 07 j 20:20	10°♏04'53	3°29'25
minimum elong	-4969 Dec 07 j 17:11	10°♏13'49	3°28'35
min. Earth dist.	-4969 Dec 09 j 23:53	7°♏38'27	0.64042 AU
morning rise	-4969 Dec 13 j 15:40	4°♏02'49	
direct	-4969 Dec 20 j 14:00	1°♏13'59	
morning max el	-4968 Jan 03 j 02:51	8°♏55'06	27°26'49
desc. node	-4968 Jan 07 j 09:43	13°♏31'55	
	-4968 Jan 19 j 15:24	0°♐	
	-4968 Feb 06 j 00:11	0°♑	
morning set	-4968 Feb 07 j 00:22	1°♑58'23	
max. Earth dist.	-4968 Feb 12 j 02:02	12°♑15'54	1.33642 AU
superior conj	-4968 Feb 14 j 22:03	18°♑14'08	-1°00'-30
minimum elong	-4968 Feb 15 j 00:32	18°♑27'23	1°00'21
	-4968 Feb 20 j 10:13	0°♒	
asc. node	-4968 Feb 21 j 03:44	1°♒32'49	
evening rise	-4968 Feb 22 j 04:15	3°♒41'48	
	-4968 Mar 07 j 19:36	0°♓	
evening max el	-4968 Mar 15 j 01:02	8°♓33'46	22°33'56
retrograde	-4968 Mar 28 j 00:55	14°♓54'14	
evening set	-4968 Mar 31 j 03:46	14°♓32'52	
desc. node	-4968 Apr 04 j 08:36	13°♓04'10	
min. Earth dist.	-4968 Apr 08 j 10:01	10°♓55'29	0.55436 AU
inferior conj	-4968 Apr 09 j 10:46	10°♓20'07	-1°-22'-33
minimum elong	-4968 Apr 09 j 07:08	10°♓25'19	1°21'29
morning rise	-4968 Apr 18 j 12:43	6°♓22'33	
direct	-4968 Apr 21 j 01:58	6°♓07'28	
morning max el	-4968 May 02 j 11:41	11°♓28'15	20°56'44
	-4968 May 15 j 14:51	0°♈	
asc. node	-4968 May 19 j 03:33	6°♈44'33	
morning set	-4968 May 21 j 20:32	12°♈12'25	
superior conj	-4968 May 29 j 10:58	27°♈57'00	1°28'38
minimum elong	-4968 May 29 j 08:16	27°♈43'06	1°28'27
	-4968 May 30 j 11:02	0°♉	
max. Earth dist.	-4968 Jun 02 j 17:11	6°♉32'20	1.35618 AU
evening rise	-4968 Jun 07 j 02:09	14°♉58'30	
	-4968 Jun 15 j 12:19	0°♊	
desc. node	-4968 Jul 01 j 07:01	23°♊56'06	
	-4968 Jul 06 j 00:59	0°♋	
evening max el	-4968 Jul 12 j 14:25	7°♋13'20	26°29'38
retrograde	-4968 Jul 25 j 10:16	14°♋29'49	
evening set	-4968 Jul 31 j 23:16	11°♋45'05	
min. Earth dist.	-4968 Aug 05 j 00:45	7°♋27'27	0.66006 AU
inferior conj	-4968 Aug 06 j 14:14	5°♋32'57	-2°-37'-57
minimum elong	-4968 Aug 06 j 17:31	5°♋22'55	2°36'40
	-4968 Aug 12 j 02:10	30°℞♊	
morning rise	-4968 Aug 12 j 12:42	29°♊43'59	
asc. node	-4968 Aug 15 j 03:06	28°♊53'05	
direct	-4968 Aug 15 j 13:16	28°♊52'04	
	-4968 Aug 19 j 02:57	0°♋	
morning max el	-4968 Aug 22 j 08:17	2°♋39'59	18°45'41
	-4968 Sep 10 j 01:19	0°♌	
morning set	-4968 Sep 12 j 06:37	3°♌33'30	
desc. node	-4968 Sep 27 j 06:32	27°♌21'29	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-4968 Sep 28 j 05:02	28°♌50'11	0°-5'-54
minimum elong	-4968 Sep 28 j 04:16	28°♌47'10	0°05'41
behind sun begin	-4968 Sep 27 j 17:27	28°♌04'33	
behind sun end	-4968 Sep 28 j 15:05	29°♌29'48	
max. Earth dist.	-4968 Sep 28 j 06:54	28°♌57'31	1.44780 AU
	-4968 Sep 28 j 22:45	0°♍	
evening rise	-4968 Oct 14 j 05:42	24°♍15'11	
	-4968 Oct 17 j 19:48	0°♎	
evening max el	-4968 Nov 04 j 17:54	26°♎08'55	18°57'16
	-4968 Nov 10 j 19:45	0°♏	
asc. node	-4968 Nov 11 j 01:50	0°♏01'56	
retrograde	-4968 Nov 11 j 15:02	0°♏03'38	
	-4968 Nov 12 j 10:10	30°℞♎	
evening set	-4968 Nov 14 j 17:12	29°♎08'46	
inferior conj	-4968 Nov 20 j 13:04	23°♎20'32	2°51'42
minimum elong	-4968 Nov 20 j 09:52	23°♎30'26	2°50'39
min. Earth dist.	-4968 Nov 22 j 02:28	21°♎24'59	0.65363 AU
morning rise	-4968 Nov 26 j 01:31	17°♎10'24	
direct	-4968 Dec 02 j 13:55	14°♎23'09	
morning max el	-4968 Dec 15 j 12:41	21°♎54'56	26°41'15
	-4968 Dec 22 j 16:10	0°♏	
desc. node	-4968 Dec 24 j 06:41	2°♏02'27	
	-4967 Jan 11 j 19:49	0°♐	
morning set	-4967 Jan 20 j 09:22	15°♐26'29	
max. Earth dist.	-4967 Jan 24 j 18:23	23°♐57'57	1.34774 AU
	-4967 Jan 27 j 17:56	0°♑	
superior conj	-4967 Jan 28 j 23:28	2°♑32'07	-1°-21'-43
minimum elong	-4967 Jan 29 j 02:26	2°♑47'28	1°21'35
evening rise	-4967 Feb 05 j 13:27	18°♑22'08	
asc. node	-4967 Feb 07 j 00:46	21°♑23'21	
	-4967 Feb 11 j 10:11	0°♒	
evening max el	-4967 Feb 25 j 01:09	19°♒37'21	21°05'52
retrograde	-4967 Mar 08 j 14:57	25°♒08'14	
evening set	-4967 Mar 11 j 02:31	24°♒53'56	
inferior conj	-4967 Mar 20 j 06:22	20°♒55'28	0°32'30
minimum elong	-4967 Mar 20 j 07:50	20°♒53'22	0°31'50
min. Earth dist.	-4967 Mar 21 j 00:25	20°♒29'45	0.55243 AU
desc. node	-4967 Mar 22 j 05:45	19°♒48'31	
morning rise	-4967 Mar 29 j 12:17	16°♒46'07	
direct	-4967 Apr 01 j 14:11	16°♒25'23	
morning max el	-4967 Apr 14 j 12:15	22°♒39'32	22°27'20
	-4967 Apr 20 j 21:36	0°♓	
morning set	-4967 May 06 j 06:53	27°♓07'02	
asc. node	-4967 May 06 j 00:31	26°♓33'59	
	-4967 May 07 j 15:56	0°♈	
superior conj	-4967 May 13 j 13:45	12°♈32'03	1°10'41
minimum elong	-4967 May 13 j 11:08	12°♈18'17	1°10'19
max. Earth dist.	-4967 May 16 j 12:00	18°♈39'14	1.34337 AU
evening rise	-4967 May 21 j 12:12	28°♈44'02	
	-4967 May 22 j 03:49	0°♉	
	-4967 Jun 08 j 16:07	0°♊	
desc. node	-4967 Jun 18 j 04:08	12°♊57'25	
evening max el	-4967 Jun 25 j 01:40	20°♊33'59	27°11'27
retrograde	-4967 Jul 08 j 10:52	27°♊58'26	
evening set	-4967 Jul 15 j 09:57	25°♊11'40	
min. Earth dist.	-4967 Jul 19 j 04:30	21°♊31'49	0.64826 AU
inferior conj	-4967 Jul 21 j 07:42	19°♊07'54	-3°-19'-44
minimum elong	-4967 Jul 21 j 11:16	18°♊57'51	3°18'37
morning rise	-4967 Jul 27 j 14:00	13°♊34'06	
direct	-4967 Jul 30 j 08:34	12°♊52'57	
asc. node	-4967 Aug 02 j 00:12	13°♊30'05	
morning max el	-4967 Aug 05 j 21:24	16°♊24'43	18°12'56
	-4967 Aug 15 j 16:14	0°♋	
morning set	-4967 Aug 24 j 06:37	14°♋15'41	
	-4967 Sep 02 j 19:33	0°♌	

superior conj	-4967 Sep 07 j 08:39	7°♌19'45	0°41'53
minimum elong	-4967 Sep 07 j 13:26	7°♌38'51	0°41'31
max. Earth dist.	-4967 Sep 11 j 00:17	13°♌08'36	1.44525 AU
desc. node	-4967 Sep 14 j 03:26	18°♌05'13	
	-4967 Sep 21 j 18:12	0°♍	
evening rise	-4967 Sep 24 j 00:44	3°♍32'02	
greatest brilliancy	-4967 Oct 11 j 02:02	29°♍27'58	-0.6m
	-4967 Oct 11 j 11:01	0°♎	
evening max el	-4967 Oct 19 j 01:04	9°♎35'27	19°46'37
retrograde	-4967 Oct 26 j 11:40	13°♎55'24	
asc. node	-4967 Oct 28 j 23:01	13°♎19'49	
evening set	-4967 Oct 29 j 21:57	12°♎46'49	
inferior conj	-4967 Nov 04 j 12:26	6°♎45'40	2°06'34
minimum elong	-4967 Nov 04 j 09:47	6°♎54'21	2°05'36
min. Earth dist.	-4967 Nov 05 j 12:58	5°♎25'11	0.66341 AU
morning rise	-4967 Nov 09 j 20:54	0°♎30'19	
	-4967 Nov 10 j 11:21	30°℞♍	
direct	-4967 Nov 15 j 19:36	27°♍55'20	
	-4967 Nov 21 j 20:09	0°♎	
morning max el	-4967 Nov 27 j 21:45	5°♎04'30	25°32'38
desc. node	-4967 Dec 11 j 03:38	21°♎16'42	
	-4967 Dec 17 j 04:16	0°♏	
morning set	-4966 Jan 03 j 02:31	28°♏01'26	
	-4966 Jan 04 j 04:29	0°♐	
max. Earth dist.	-4966 Jan 06 j 22:58	5°♐10'00	1.36348 AU
superior conj	-4966 Jan 12 j 16:41	16°♐20'03	-1°-39'00
minimum elong	-4966 Jan 12 j 19:27	16°♐33'53	1°39'01
	-4966 Jan 19 j 10:22	0°♑	
evening rise	-4966 Jan 20 j 18:35	2°♑43'40	
asc. node	-4966 Jan 24 j 21:50	10°♑55'18	
	-4966 Feb 06 j 05:56	0°♒	
evening max el	-4966 Feb 07 j 11:23	1°♒13'57	19°52'27
retrograde	-4966 Feb 17 j 08:34	5°♒54'27	
evening set	-4966 Feb 19 j 17:07	5°♒39'43	
inferior conj	-4966 Feb 28 j 07:48	1°♒38'12	2°17'05
minimum elong	-4966 Feb 28 j 12:45	1°♒30'32	2°15'25
min. Earth dist.	-4966 Mar 02 j 14:47	0°♒13'21	0.55969 AU
	-4966 Mar 02 j 23:40	30°℞♑	
morning rise	-4966 Mar 09 j 05:14	27°♑03'16	
desc. node	-4966 Mar 09 j 02:55	27°♑05'03	
direct	-4966 Mar 13 j 08:39	26°♑25'09	
	-4966 Mar 23 j 04:33	0°♒	
morning max el	-4966 Mar 27 j 05:00	3°♒21'01	24°05'57
	-4966 Apr 14 j 17:10	0°♓	
morning set	-4966 Apr 20 j 19:00	12°♓09'02	
asc. node	-4966 Apr 22 j 21:29	16°♓36'29	
superior conj	-4966 Apr 27 j 21:29	27°♓23'09	0°49'34
minimum elong	-4966 Apr 27 j 19:27	27°♓12'14	0°49'09
	-4966 Apr 29 j 02:40	0°♈	
max. Earth dist.	-4966 Apr 29 j 16:19	1°♈12'56	1.33422 AU
evening rise	-4966 May 05 j 08:46	13°♈02'37	
	-4966 May 14 j 08:21	0°♉	
	-4966 Jun 04 j 00:51	0°♊	
desc. node	-4966 Jun 05 j 01:17	1°♊06'29	
evening max el	-4966 Jun 07 j 11:51	3°♊35'03	27°25'28
retrograde	-4966 Jun 21 j 05:30	11°♊00'09	
evening set	-4966 Jun 28 j 08:32	8°♊24'09	
min. Earth dist.	-4966 Jul 01 j 23:02	5°♊16'35	0.63269 AU
inferior conj	-4966 Jul 04 j 16:11	2°♊31'48	-3°-52'-21
minimum elong	-4966 Jul 04 j 19:12	2°♊24'09	3°51'40
	-4966 Jul 07 j 06:57	30°℞♉	
morning rise	-4966 Jul 11 j 07:52	27°♉16'13	
direct	-4966 Jul 13 j 22:36	26°♉43'12	
asc. node	-4966 Jul 19 j 21:15	29°♉32'01	
	-4966 Jul 20 j 09:07	0°♊	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning max el	-4966 Jul 20 j 12:07	0°♊07'22	17°57'59	
morning set	-4966 Aug 06 j 07:19	26°♊08'53		
	-4966 Aug 08 j 12:11	0°♋		
superior conj	-4966 Aug 18 j 10:07	16°♋55'21	1°18'46	
minimum elong	-4966 Aug 18 j 15:56	17°♋19'32	1°18'27	
max. Earth dist.	-4966 Aug 24 j 15:32	27°♋06'47	1.43589 AU	
	-4966 Aug 26 j 10:42	0°♌		
desc. node	-4966 Sep 01 j 00:23	8°♌47'43		
evening rise	-4966 Sep 03 j 05:00	12°♌12'20		
	-4966 Sep 14 j 22:15	0°♍		
greatest brilliancy	-4966 Sep 26 j 07:30	16°♍09'07	-0.5m	
evening max el	-4966 Oct 02 j 02:36	23°♍01'44	20°49'58	
retrograde	-4966 Oct 10 j 08:40	27°♍54'02		
evening set	-4966 Oct 14 j 05:23	26°♍28'54		
asc. node	-4966 Oct 15 j 20:12	25°♍03'01		
inferior conj	-4966 Oct 19 j 16:06	20°♍18'01	1°16'48	
minimum elong	-4966 Oct 19 j 14:23	20°♍23'51	1°16'11	
min. Earth dist.	-4966 Oct 20 j 05:08	19°♍33'41	0.66992 AU	
morning rise	-4966 Oct 24 j 22:59	14°♍00'16		
direct	-4966 Oct 30 j 06:24	11°♍44'08		
morning max el	-4966 Nov 10 j 06:30	18°♍18'03	24°10'29	
	-4966 Nov 20 j 02:39	0°♎		
desc. node	-4966 Nov 28 j 00:33	11°♎02'10		
	-4966 Dec 10 j 06:48	0°♏		
morning set	-4966 Dec 15 j 21:55	9°♏27'22		
max. Earth dist.	-4966 Dec 19 j 20:03	16°♏21'00	1.38277 AU	
superior conj	-4966 Dec 26 j 22:07	29°♏28'02	-1°-50'-10	
minimum elong	-4966 Dec 26 j 23:40	29°♏35'28	1°50'21	
	-4966 Dec 27 j 04:48	0°♐		
evening rise	-4965 Jan 04 j 17:24	16°♐40'20		
asc. node	-4965 Jan 11 j 18:55	0°♑02'10		
	-4965 Jan 11 j 18:26	0°♑		
evening max el	-4965 Jan 21 j 07:42	13°♑25'04	18°57'46	
retrograde	-4965 Jan 29 j 17:30	17°♑27'02		
evening set	-4965 Feb 01 j 03:39	17°♑08'21		
inferior conj	-4965 Feb 09 j 01:58	12°♑50'51	3°27'47	
minimum elong	-4965 Feb 09 j 06:19	12°♑43'04	3°26'43	
min. Earth dist.	-4965 Feb 12 j 06:00	10°♑36'25	0.57431 AU	
morning rise	-4965 Feb 17 j 05:21	7°♑47'23		
direct	-4965 Feb 22 j 15:00	6°♑37'58		
desc. node	-4965 Feb 24 j 00:03	6°♑42'31		
morning max el	-4965 Mar 08 j 19:56	13°♑58'20	25°39'24	
	-4965 Mar 21 j 11:48	0°♒		
morning set	-4965 Apr 05 j 07:07	27°♒12'00		
	-4965 Apr 06 j 14:55	0°♓		
asc. node	-4965 Apr 09 j 18:26	6°♓46'55		
superior conj	-4965 Apr 12 j 08:05	12°♓22'57	0°26'21	
minimum elong	-4965 Apr 12 j 06:57	12°♓16'45	0°26'00	
max. Earth dist.	-4965 Apr 13 j 03:08	14°♓06'42	1.32854 AU	
evening rise	-4965 Apr 19 j 12:29	27°♓42'52		
	-4965 Apr 20 j 15:19	0°♈		
	-4965 May 07 j 17:27	0°♉		
evening max el	-4965 May 20 j 18:11	16°♉02'35	27°07'15	
desc. node	-4965 May 22 j 22:29	18°♉00'35		
retrograde	-4965 Jun 03 j 17:09	23°♉25'24		
evening set	-4965 Jun 10 j 14:58	21°♉13'52		
min. Earth dist.	-4965 Jun 14 j 07:35	18°♉27'10	0.61396 AU	
inferior conj	-4965 Jun 17 j 12:22	15°♉36'01	-4°-10'-49	
minimum elong	-4965 Jun 17 j 13:36	15°♉33'14	4°10'36	
morning rise	-4965 Jun 24 j 15:04	10°♉41'24		
direct	-4965 Jun 27 j 03:38	10°♉14'42		
morning max el	-4965 Jul 04 j 01:42	13°♉40'52	18°01'41	
asc. node	-4965 Jul 06 j 18:16	16°♉42'19		
	-4965 Jul 15 j 04:43	0°♊		

morning set	-4965 Jul 20 j 03:10	8°♊57'23		
superior conj	-4965 Jul 30 j 15:15	27°♊53'13	1°40'45	
minimum elong	-4965 Jul 30 j 18:47	28°♊08'40	1°40'47	
	-4965 Jul 31 j 20:22	0°♋		
max. Earth dist.	-4965 Aug 07 j 01:43	10°♋33'07	1.42092 AU	
evening rise	-4965 Aug 13 j 13:57	21°♋06'59		
desc. node	-4965 Aug 18 j 21:22	29°♋25'09		
	-4965 Aug 19 j 06:26	0°♌		
	-4965 Sep 09 j 07:15	0°♍		
greatest brilliancy	-4965 Sep 10 j 03:12	1°♍01'58	-0.4m	
evening max el	-4965 Sep 14 j 21:45	6°♍26'21	22°04'09	
retrograde	-4965 Sep 24 j 04:16	11°♍56'42		
evening set	-4965 Sep 28 j 13:31	10°♍12'36		
asc. node	-4965 Oct 02 j 17:20	5°♍33'49		
inferior conj	-4965 Oct 03 j 22:05	3°♍55'23	0°24'27	
minimum elong	-4965 Oct 03 j 21:31	3°♍57'21	0°24'21	
min. Earth dist.	-4965 Oct 04 j 00:35	3°♍46'47	0.67329 AU	
	-4965 Oct 06 j 21:39	30°℞♌		
morning rise	-4965 Oct 09 j 05:20	27°♌38'09		
direct	-4965 Oct 13 j 21:37	25°♌43'21		
	-4965 Oct 22 j 02:01	0°♍		
morning max el	-4965 Oct 23 j 17:19	1°♍34'55	22°44'23	
greatest brilliancy	-4965 Oct 28 j 11:42	6°♍56'53	-0.3m	
	-4965 Nov 14 j 02:55	0°♎		
desc. node	-4965 Nov 14 j 21:29	1°♎09'45		
morning set	-4965 Nov 26 j 14:08	19°♎32'05		
max. Earth dist.	-4965 Dec 01 j 17:16	28°♎06'29	1.40336 AU	
	-4965 Dec 02 j 19:47	0°♏		
superior conj	-4965 Dec 09 j 11:05	11°♏43'47	-1°-52'-18	
minimum elong	-4965 Dec 09 j 10:08	11°♏39'25	1°52'28	
evening rise	-4965 Dec 19 j 07:06	0°♐05'37		
	-4965 Dec 19 j 05:55	0°♐		
asc. node	-4965 Dec 29 j 16:01	18°♐35'50		
evening max el	-4964 Jan 04 j 12:09	26°♐05'20	18°23'08	
retrograde	-4964 Jan 11 j 21:07	29°♐44'06		
evening set	-4964 Jan 14 j 09:21	29°♐19'56		
inferior conj	-4964 Jan 21 j 16:30	24°♐41'21	4°01'00	
minimum elong	-4964 Jan 21 j 18:04	24°♐38'07	4°00'38	
min. Earth dist.	-4964 Jan 25 j 00:59	21°♐55'45	0.59313 AU	
morning rise	-4964 Jan 28 j 23:34	19°♐14'25		
direct	-4964 Feb 04 j 09:37	17°♐26'07		
desc. node	-4964 Feb 10 j 21:09	19°♐09'26		
morning max el	-4964 Feb 18 j 14:57	24°♐59'40	26°52'33	
	-4964 Feb 23 j 06:13	0°♑		
	-4964 Mar 13 j 15:00	0°♒		
morning set	-4964 Mar 19 j 17:33	12°♒09'38		
superior conj	-4964 Mar 26 j 19:50	27°♒25'22	0°01'56	
minimum elong	-4964 Mar 26 j 19:45	27°♒24'57	0°01'45	
behind sun begin	-4964 Mar 26 j 14:47	26°♒57'44		
behind sun end	-4964 Mar 27 j 00:43	27°♒52'10		
max. Earth dist.	-4964 Mar 26 j 16:40	27°♒08'03	1.32616 AU	
asc. node	-4964 Mar 26 j 15:24	27°♒01'09		
	-4964 Mar 28 j 00:06	0°♓		
evening rise	-4964 Apr 02 j 20:50	12°♓36'06		
	-4964 Apr 11 j 19:24	0°♈		
evening max el	-4964 May 01 j 18:33	27°♈48'50	26°16'48	
	-4964 May 04 j 05:22	0°♉		
desc. node	-4964 May 08 j 19:38	3°♉09'23		
retrograde	-4964 May 15 j 20:41	5°♉07'33		
evening set	-4964 May 22 j 01:30	3°♉31'27		
min. Earth dist.	-4964 May 26 j 07:23	0°♉49'08	0.59364 AU	
	-4964 May 27 j 09:19	30°℞♈		
inferior conj	-4964 May 29 j 16:36	28°♈11'53	-4°-7'-45	
minimum elong	-4964 May 29 j 14:51	28°♈15'17	4°07'33	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning rise	-4964 Jun 06 j 07:59	23°♈39'26	
direct	-4964 Jun 08 j 19:18	23°♈17'54	
morning max el	-4964 Jun 16 j 11:22	26°♈57'58	18°24'47
	-4964 Jun 19 j 05:32	0°♉	
asc. node	-4964 Jun 22 j 15:16	4°♉46'33	
morning set	-4964 Jul 02 j 13:17	22°♉28'53	
	-4964 Jul 06 j 11:43	0°♊	
superior conj	-4964 Jul 11 j 20:40	10°♊04'32	1°49'09
minimum elong	-4964 Jul 11 j 21:22	10°♊07'45	1°49'23
max. Earth dist.	-4964 Jul 19 j 05:47	23°♊14'55	1.40245 AU
	-4964 Jul 23 j 05:12	0°♋	
evening rise	-4964 Jul 23 j 20:27	1°♋03'27	
desc. node	-4964 Aug 04 j 18:22	19°♋53'30	
	-4964 Aug 11 j 16:15	0°♌	
evening max el	-4964 Aug 27 j 11:29	19°♌50'54	23°24'29
retrograde	-4964 Sep 06 j 21:11	26°♌00'28	
evening set	-4964 Sep 11 j 20:36	23°♌56'23	
inferior conj	-4964 Sep 17 j 04:37	17°♌36'15	0°-28'-44
minimum elong	-4964 Sep 17 j 05:16	17°♌34'00	0°28'17
min. Earth dist.	-4964 Sep 16 j 20:53	18°♌02'46	0.67366 AU
asc. node	-4964 Sep 18 j 14:28	15°♌41'37	
morning rise	-4964 Sep 22 j 14:01	11°♌22'37	
direct	-4964 Sep 26 j 16:28	9°♌48'42	
morning max el	-4964 Oct 05 j 09:11	14°♌57'33	21°22'21
greatest brilliancy	-4964 Oct 10 j 16:36	21°♌07'14	-0.4m
	-4964 Oct 17 j 06:16	0°♍	
desc. node	-4964 Oct 31 j 18:22	21°♍32'41	
morning set	-4964 Nov 05 j 03:04	28°♍20'24	
	-4964 Nov 06 j 04:19	0°♎	
max. Earth dist.	-4964 Nov 12 j 20:00	10°♎43'00	1.42242 AU
superior conj	-4964 Nov 20 j 01:53	22°♎52'49	-1°-41'-52
minimum elong	-4964 Nov 19 j 21:29	22°♎33'55	1°41'41
	-4964 Nov 24 j 04:03	0°♏	
evening rise	-4964 Dec 01 j 08:05	12°♏51'07	
	-4964 Dec 11 j 02:47	0°♐	
asc. node	-4964 Dec 15 j 13:07	6°♐25'29	
evening max el	-4964 Dec 17 j 22:04	9°♐06'42	18°08'28
retrograde	-4964 Dec 24 j 16:40	12°♐35'53	
evening set	-4964 Dec 27 j 07:14	12°♐05'09	
inferior conj	-4963 Jan 03 j 01:40	7°♐04'47	4°04'13
minimum elong	-4963 Jan 03 j 00:34	7°♐07'26	4°03'55
min. Earth dist.	-4963 Jan 06 j 02:54	4°♐11'14	0.61299 AU
morning rise	-4963 Jan 09 j 15:25	1°♐20'59	
	-4963 Jan 12 j 00:40	30°℞♏	
direct	-4963 Jan 16 j 14:49	28°♏58'08	
	-4963 Jan 21 j 10:11	0°♐	
desc. node	-4963 Jan 27 j 18:14	4°♐00'39	
morning max el	-4963 Jan 30 j 16:10	6°♐38'48	27°33'58
	-4963 Feb 17 j 09:00	0°♑	
morning set	-4963 Mar 04 j 00:18	26°♑53'31	
	-4963 Mar 05 j 12:18	0°♒	
max. Earth dist.	-4963 Mar 10 j 05:00	10°♒01'45	1.32716 AU
superior conj	-4963 Mar 11 j 07:01	12°♒23'15	0°-22'-53
minimum elong	-4963 Mar 11 j 08:02	12°♒28'48	0°22'54
asc. node	-4963 Mar 13 j 12:22	17°♒14'08	
evening rise	-4963 Mar 18 j 07:40	27°♒33'41	
	-4963 Mar 19 j 11:42	0°♓	
	-4963 Apr 05 j 19:49	0°♈	
evening max el	-4963 Apr 13 j 13:05	8°♈56'10	24°59'56
desc. node	-4963 Apr 25 j 16:49	15°♈55'40	
retrograde	-4963 Apr 27 j 14:02	16°♈04'00	
evening set	-4963 May 02 j 14:48	15°♈05'36	
min. Earth dist.	-4963 May 08 j 01:29	12°♈11'21	0.57433 AU
inferior conj	-4963 May 11 j 01:38	10°♈10'07	-3°-33'-37
minimum elong	-4963 May 10 j 20:49	10°♈18'17	3°32'43
morning rise	-4963 May 19 j 07:05	5°♈57'41	
direct	-4963 May 21 j 17:26	5°♈40'21	
morning max el	-4963 May 30 j 14:12	9°♈48'50	19°08'04
asc. node	-4963 Jun 09 j 12:14	23°♈31'53	
	-4963 Jun 13 j 00:47	0°♉	
morning set	-4963 Jun 16 j 09:43	6°♉33'35	
superior conj	-4963 Jun 24 j 20:36	23°♉13'07	1°46'58
minimum elong	-4963 Jun 24 j 19:14	23°♉06'27	1°47'08
	-4963 Jun 28 j 10:11	0°♊	
max. Earth dist.	-4963 Jul 01 j 06:56	5°♊17'01	1.38307 AU
evening rise	-4963 Jul 05 j 05:33	12°♊18'29	
	-4963 Jul 15 j 22:28	0°♋	
desc. node	-4963 Jul 22 j 15:23	10°♋07'55	
	-4963 Aug 06 j 19:20	0°♌	
evening max el	-4963 Aug 09 j 22:25	3°♌18'27	24°44'21
retrograde	-4963 Aug 21 j 10:18	10°♌01'51	
evening set	-4963 Aug 27 j 00:47	7°♌38'42	
min. Earth dist.	-4963 Aug 31 j 15:39	2°♌20'21	0.67100 AU
inferior conj	-4963 Sep 01 j 09:58	1°♌19'13	-1°-21'-9
minimum elong	-4963 Sep 01 j 11:49	1°♌13'03	1°20'12
	-4963 Sep 02 j 09:55	30°℞♋	
asc. node	-4963 Sep 05 j 11:35	26°♋26'26	
morning rise	-4963 Sep 06 j 23:11	25°♋12'23	
direct	-4963 Sep 10 j 13:50	23°♋57'05	
morning max el	-4963 Sep 18 j 07:55	28°♋28'11	20°10'21
	-4963 Sep 19 j 18:02	0°♌	
greatest brilliancy	-4963 Sep 25 j 10:01	7°♌10'58	-0.6m
	-4963 Oct 10 j 19:41	0°♍	
morning set	-4963 Oct 15 j 01:56	6°♍34'19	
desc. node	-4963 Oct 18 j 15:14	12°♍06'12	
max. Earth dist.	-4963 Oct 26 j 05:48	24°♍07'45	1.43730 AU
	-4963 Oct 29 j 21:13	0°♎	
superior conj	-4963 Oct 31 j 13:42	2°♎44'58	-1°-15'-42
minimum elong	-4963 Oct 31 j 07:04	2°♎17'51	1°15'02
evening rise	-4963 Nov 13 j 16:00	24°♎47'59	
	-4963 Nov 16 j 16:20	0°♏	
evening max el	-4963 Dec 01 j 10:38	22°♏22'21	18°13'08
asc. node	-4963 Dec 02 j 10:15	23°♏18'32	
retrograde	-4963 Dec 08 j 00:02	25°♏53'35	
evening set	-4963 Dec 10 j 17:53	25°♏14'56	
inferior conj	-4963 Dec 17 j 01:56	19°♏53'56	3°46'23
minimum elong	-4963 Dec 16 j 23:14	20°♏01'13	3°45'45
min. Earth dist.	-4963 Dec 19 j 14:00	17°♏13'19	0.63131 AU
morning rise	-4963 Dec 23 j 02:50	13°♏57'51	
direct	-4963 Dec 30 j 04:20	11°♏13'50	
morning max el	-4962 Jan 12 j 22:33	18°♏56'20	27°39'18
desc. node	-4962 Jan 14 j 15:16	20°♏40'20	
	-4962 Jan 22 j 09:28	0°♐	
	-4962 Feb 10 j 04:55	0°♑	
morning set	-4962 Feb 16 j 01:03	11°♑15'46	
max. Earth dist.	-4962 Feb 21 j 12:19	22°♑34'42	1.33190 AU
superior conj	-4962 Feb 23 j 15:59	27°♑10'49	0°-47'-10
minimum elong	-4962 Feb 23 j 18:00	27°♑21'41	0°47'02
	-4962 Feb 24 j 23:23	0°♒	
asc. node	-4962 Feb 28 j 09:22	7°♒21'52	
evening rise	-4962 Mar 02 j 19:15	12°♒29'26	
	-4962 Mar 11 j 19:16	0°♓	
evening max el	-4962 Mar 26 j 05:19	19°♓41'58	23°28'03
retrograde	-4962 Apr 08 j 18:30	26°♓24'08	
evening set	-4962 Apr 12 j 12:04	25°♓53'36	
desc. node	-4962 Apr 12 j 14:01	25°♓52'17	
min. Earth dist.	-4962 Apr 19 j 16:45	22°♓35'33	0.55957 AU
inferior conj	-4962 Apr 21 j 14:51	21°♓26'49	-2°-20'-50

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-4962 Apr 21 j 09:31	21°♓34'49	2°19'22
morning rise	-4962 Apr 30 j 10:16	17°♓27'11	
direct	-4962 May 02 j 21:11	17°♓12'09	
morning max el	-4962 May 13 j 07:30	22°♓03'41	20°11'36
	-4962 May 19 j 21:26	0°♈	
asc. node	-4962 May 27 j 09:12	12°♈48'11	
morning set	-4962 May 31 j 13:25	21°♈03'16	
	-4962 Jun 04 j 22:28	0°♉	
superior conj	-4962 Jun 08 j 09:56	7°♉04'03	1°37'00
minimum elong	-4962 Jun 08 j 07:28	6°♉51'37	1°36'57
max. Earth dist.	-4962 Jun 13 j 11:34	17°♉02'36	1.36518 AU
evening rise	-4962 Jun 17 j 13:53	24°♉43'50	
	-4962 Jun 20 j 12:05	0°♊	
	-4962 Jul 09 j 11:58	0°♋	
desc. node	-4962 Jul 09 j 12:26	0°♋01'38	
evening max el	-4962 Jul 23 j 09:04	16°♋48'42	25°55'46
retrograde	-4962 Aug 04 j 18:48	23°♋55'39	
evening set	-4962 Aug 11 j 00:05	21°♋17'08	
min. Earth dist.	-4962 Aug 15 j 06:20	16°♋36'50	0.66509 AU
inferior conj	-4962 Aug 16 j 12:21	15°♋01'35	-2°-11'-6
minimum elong	-4962 Aug 16 j 15:13	14°♋52'30	2°09'51
morning rise	-4962 Aug 22 j 06:59	9°♋05'00	
asc. node	-4962 Aug 23 j 08:42	8°♋31'49	
direct	-4962 Aug 25 j 12:06	8°♋05'19	
morning max el	-4962 Sep 01 j 13:32	12°♋06'18	19°12'04
	-4962 Sep 14 j 14:26	0°♌	
morning set	-4962 Sep 24 j 09:43	15°♌19'18	
	-4962 Oct 03 j 17:54	0°♍	
desc. node	-4962 Oct 05 j 12:05	2°♍45'58	
max. Earth dist.	-4962 Oct 08 j 21:23	8°♍06'34	1.44607 AU
superior conj	-4962 Oct 10 j 23:51	11°♍26'18	0°-34'-6
minimum elong	-4962 Oct 10 j 19:37	11°♍09'29	0°33'29
	-4962 Oct 22 j 13:22	0°♎	
evening rise	-4962 Oct 26 j 01:57	5°♎45'40	
	-4962 Nov 10 j 07:28	0°♏	
evening max el	-4962 Nov 14 j 23:03	5°♏45'28	18°36'11
asc. node	-4962 Nov 19 j 07:24	8°♏59'19	
retrograde	-4962 Nov 21 j 15:10	9°♏28'46	
evening set	-4962 Nov 24 j 13:50	8°♏40'19	
inferior conj	-4962 Nov 30 j 13:36	3°♏01'05	3°14'28
minimum elong	-4962 Nov 30 j 10:20	3°♏10'42	3°13'31
min. Earth dist.	-4962 Dec 02 j 11:00	0°♏47'08	0.64656 AU
	-4962 Dec 03 j 03:31	30°℞♎	
morning rise	-4962 Dec 06 j 05:39	26°♎55'33	
direct	-4962 Dec 13 j 00:32	24°♎05'50	
	-4962 Dec 24 j 12:07	0°♏	
morning max el	-4962 Dec 26 j 07:44	1°♏43'29	27°10'42
desc. node	-4961 Jan 01 j 12:16	8°♏36'54	
	-4961 Jan 16 j 12:50	0°♐	
morning set	-4961 Jan 30 j 16:53	25°♐06'41	
	-4961 Feb 02 j 04:22	0°♑	
max. Earth dist.	-4961 Feb 04 j 11:06	4°♑37'06	1.34073 AU
superior conj	-4961 Feb 07 j 20:48	11°♑41'36	-1°-9'-52
minimum elong	-4961 Feb 07 j 23:33	11°♑56'06	1°09'43
evening rise	-4961 Feb 15 j 05:51	27°♑17'19	
asc. node	-4961 Feb 15 j 06:24	27°♑20'10	
	-4961 Feb 16 j 13:18	0°♒	
	-4961 Mar 07 j 11:42	0°♓	
evening max el	-4961 Mar 08 j 00:59	0°♓32'15	21°55'05
retrograde	-4961 Mar 20 j 11:24	6°♓32'08	
evening set	-4961 Mar 23 j 06:15	6°♓14'54	
desc. node	-4961 Mar 30 j 11:12	3°♓20'43	
inferior conj	-4961 Apr 01 j 13:33	2°♓10'38	0°-34'-32
minimum elong	-4961 Apr 01 j 11:57	2°♓12'54	0°34'08
min. Earth dist.	-4961 Apr 01 j 06:53	2°♓20'01	0.55241 AU
	-4961 Apr 05 j 15:03	30°℞♒	
morning rise	-4961 Apr 10 j 18:33	28°♒10'24	
direct	-4961 Apr 13 j 11:58	27°♒53'48	
	-4961 Apr 20 j 19:20	0°♓	
morning max el	-4961 Apr 25 j 13:56	3°♓37'28	21°33'44
	-4961 May 13 j 00:41	0°♈	
asc. node	-4961 May 14 j 06:10	2°♈27'46	
morning set	-4961 May 15 j 21:59	5°♈51'18	
superior conj	-4961 May 23 j 08:44	21°♈26'14	1°21'30
minimum elong	-4961 May 23 j 06:00	21°♈11'59	1°21'13
max. Earth dist.	-4961 May 27 j 00:59	28°♈58'39	1.35028 AU
	-4961 May 27 j 13:11	0°♉	
evening rise	-4961 May 31 j 16:03	8°♉04'42	
	-4961 Jun 13 j 02:22	0°♊	
desc. node	-4961 Jun 26 j 09:34	19°♊25'56	
	-4961 Jul 05 j 13:44	0°♋	
evening max el	-4961 Jul 05 j 20:22	0°♋16'13	26°50'27
retrograde	-4961 Jul 18 j 22:15	7°♋36'18	
evening set	-4961 Jul 25 j 16:12	4°♋49'24	
min. Earth dist.	-4961 Jul 29 j 14:36	0°♋48'16	0.65556 AU
	-4961 Jul 30 j 07:04	30°℞♊	
inferior conj	-4961 Jul 31 j 09:46	28°♊40'47	-2°-56'-34
minimum elong	-4961 Jul 31 j 13:15	28°♊30'29	2°55'18
morning rise	-4961 Aug 06 j 11:22	22°♊57'52	
direct	-4961 Aug 09 j 09:14	22°♊10'42	
asc. node	-4961 Aug 10 j 05:47	22°♊14'45	
morning max el	-4961 Aug 16 j 00:36	25°♊50'21	18°29'40
	-4961 Aug 19 j 13:09	0°♋	
morning set	-4961 Sep 04 j 18:06	25°♋17'19	
	-4961 Sep 07 j 15:43	0°♌	
superior conj	-4961 Sep 19 j 23:10	19°♌41'07	0°15'08
minimum elong	-4961 Sep 20 j 01:08	19°♌48'54	0°15'04
behind sun begin	-4961 Sep 19 j 20:45	19°♌31'35	
behind sun end	-4961 Sep 20 j 05:31	20°♌06'12	
max. Earth dist.	-4961 Sep 21 j 15:40	22°♌21'02	1.44770 AU
desc. node	-4961 Sep 22 j 08:58	23°♌29'15	
	-4961 Sep 26 j 12:14	0°♍	
evening rise	-4961 Oct 06 j 10:50	15°♍38'41	
	-4961 Oct 15 j 14:03	0°♎	
greatest brilliancy	-4961 Oct 18 j 14:51	4°♎40'45	-0.7m
evening max el	-4961 Oct 29 j 08:45	19°♎11'39	19°16'20
retrograde	-4961 Nov 05 j 10:41	23°♎15'59	
asc. node	-4961 Nov 06 j 04:35	23°♎12'47	
evening set	-4961 Nov 08 j 16:08	22°♎15'26	
inferior conj	-4961 Nov 14 j 09:29	16°♎21'03	2°33'13
minimum elong	-4961 Nov 14 j 06:27	16°♎30'40	2°32'11
min. Earth dist.	-4961 Nov 15 j 17:07	14°♎40'30	0.65826 AU
morning rise	-4961 Nov 19 j 19:56	10°♎08'28	
direct	-4961 Nov 26 j 02:45	7°♎25'44	
morning max el	-4961 Dec 08 j 17:28	14°♎48'54	26°14'19
desc. node	-4961 Dec 19 j 09:13	27°♎27'39	
	-4961 Dec 21 j 06:00	0°♏	
	-4960 Jan 09 j 07:02	0°♐	
morning set	-4960 Jan 13 j 19:47	8°♐13'47	
max. Earth dist.	-4960 Jan 17 j 22:40	16°♐05'49	1.35397 AU
superior conj	-4960 Jan 22 j 19:06	25°♐47'43	-1°-29'-38
minimum elong	-4960 Jan 22 j 22:05	26°♐02'58	1°29'34
	-4960 Jan 24 j 20:15	0°♑	
evening rise	-4960 Jan 30 j 13:36	11°♑50'36	
asc. node	-4960 Feb 02 j 03:27	17°♑03'38	
	-4960 Feb 09 j 04:32	0°♒	
evening max el	-4960 Feb 18 j 05:06	11°♒48'22	20°32'26
retrograde	-4960 Feb 29 j 01:37	16°♒57'26	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening set	-4960 Mar 02 j 10:55	16°♒43'30	
inferior conj	-4960 Mar 11 j 09:54	12°♒45'19	1°20'04
minimum elong	-4960 Mar 11 j 13:19	12°♒40'19	1°18'44
min. Earth dist.	-4960 Mar 12 j 20:55	11°♒54'11	0.55443 AU
desc. node	-4960 Mar 16 j 08:24	10°♒01'26	
morning rise	-4960 Mar 20 j 13:48	8°♒26'39	
direct	-4960 Mar 24 j 01:09	8°♒00'24	
morning max el	-4960 Apr 06 j 10:38	14°♒33'44	23°09'09
	-4960 Apr 18 j 08:08	0°♓	
morning set	-4960 Apr 29 j 09:18	20°♓50'01	
asc. node	-4960 Apr 30 j 03:08	22°♓23'28	
	-4960 May 03 j 16:55	0°♈	
superior conj	-4960 May 06 j 13:54	6°♈09'03	1°02'04
minimum elong	-4960 May 06 j 11:30	5°♈56'13	1°01'39
max. Earth dist.	-4960 May 09 j 00:12	11°♈17'29	1.33900 AU
evening rise	-4960 May 14 j 07:01	22°♈05'28	
	-4960 May 18 j 09:31	0°♉	
	-4960 Jun 05 j 21:22	0°♊	
desc. node	-4960 Jun 12 j 06:44	8°♊07'16	
evening max el	-4960 Jun 17 j 07:15	13°♊29'17	27°21'03
retrograde	-4960 Jun 30 j 20:17	20°♊54'41	
evening set	-4960 Jul 07 j 22:11	18°♊10'28	
min. Earth dist.	-4960 Jul 11 j 14:24	14°♊45'42	0.64211 AU
inferior conj	-4960 Jul 13 j 23:44	12°♊11'22	-3°-34'-57
minimum elong	-4960 Jul 14 j 03:11	12°♊02'01	3°33'59
morning rise	-4960 Jul 20 j 09:52	6°♊45'16	
direct	-4960 Jul 23 j 02:36	6°♊07'52	
asc. node	-4960 Jul 27 j 02:50	7°♊29'31	
morning max el	-4960 Jul 29 j 14:47	9°♊35'02	18°04'27
	-4960 Aug 12 j 09:22	0°♋	
morning set	-4960 Aug 16 j 05:10	6°♋31'16	
superior conj	-4960 Aug 29 j 10:30	28°♋34'35	0°59'16
minimum elong	-4960 Aug 29 j 16:18	28°♋58'07	0°58'51
	-4960 Aug 30 j 07:35	0°♌	
max. Earth dist.	-4960 Sep 03 j 08:38	6°♌29'22	1.44203 AU
desc. node	-4960 Sep 08 j 05:55	14°♌12'57	
evening rise	-4960 Sep 14 j 21:44	24°♌35'19	
	-4960 Sep 18 j 09:59	0°♍	
greatest brilliancy	-4960 Oct 04 j 16:18	24°♍09'03	-0.6m
	-4960 Oct 09 j 04:51	0°♎	
evening max el	-4960 Oct 11 j 13:36	2°♎38'13	20°11'57
retrograde	-4960 Oct 19 j 07:53	7°♎11'33	
evening set	-4960 Oct 22 j 22:18	5°♎56'14	
asc. node	-4960 Oct 23 j 01:44	5°♎50'08	
inferior conj	-4960 Oct 28 j 10:58	29°♍50'15	1°45'54
minimum elong	-4960 Oct 28 j 08:41	29°♍57'54	1°45'04
	-4960 Oct 28 j 08:03	30°℞♍	
min. Earth dist.	-4960 Oct 29 j 06:24	28°♍45'15	0.66652 AU
morning rise	-4960 Nov 02 j 18:29	23°♍33'20	
direct	-4960 Nov 08 j 10:36	21°♍06'02	
morning max el	-4960 Nov 20 j 02:31	28°♍02'05	24°58'49
	-4960 Nov 21 j 23:34	0°♎	
desc. node	-4960 Dec 05 j 06:08	16°♎56'47	
	-4960 Dec 13 j 23:37	0°♏	
morning set	-4960 Dec 26 j 04:33	20°♏22'24	
max. Earth dist.	-4960 Dec 29 j 23:32	27°♏14'36	1.37133 AU
	-4960 Dec 31 j 11:03	0°♐	
superior conj	-4959 Jan 05 j 07:50	9°♐20'27	-1°-44'-38
minimum elong	-4959 Jan 05 j 10:15	9°♐32'15	1°44'44
evening rise	-4959 Jan 13 j 16:25	26°♐03'05	
	-4959 Jan 15 j 16:05	0°♑	
asc. node	-4959 Jan 19 j 00:32	6°♑26'22	
evening max el	-4959 Jan 30 j 19:45	23°♑40'21	19°26'45
retrograde	-4959 Feb 09 j 01:09	28°♑03'05	

evening set	-4959 Feb 11 j 09:53	27°♑47'07	
inferior conj	-4959 Feb 19 j 17:40	23°♑39'50	2°51'48
minimum elong	-4959 Feb 19 j 22:48	23°♑31'23	2°50'17
min. Earth dist.	-4959 Feb 22 j 11:44	21°♑52'04	0.56513 AU
morning rise	-4959 Feb 28 j 08:07	18°♑52'03	
desc. node	-4959 Mar 03 j 05:33	18°♑09'38	
direct	-4959 Mar 05 j 00:10	18°♑02'19	
morning max el	-4959 Mar 19 j 02:04	25°♑11'10	24°47'14
	-4959 Mar 23 j 13:13	0°♒	
	-4959 Apr 11 j 00:56	0°♓	
morning set	-4959 Apr 13 j 21:37	5°♓53'17	
asc. node	-4959 Apr 17 j 00:07	12°♓30'08	
superior conj	-4959 Apr 20 j 23:06	21°♓04'56	0°39'55
minimum elong	-4959 Apr 20 j 21:25	20°♓55'51	0°39'31
max. Earth dist.	-4959 Apr 22 j 07:28	23°♓59'53	1.33135 AU
	-4959 Apr 25 j 02:56	0°♈	
evening rise	-4959 Apr 28 j 06:58	6°♈34'19	
	-4959 May 10 j 23:03	0°♉	
desc. node	-4959 May 30 j 03:55	25°♉47'28	
evening max el	-4959 May 30 j 15:52	26°♉16'27	27°21'42
	-4959 Jun 04 j 01:30	0°♊	
retrograde	-4959 Jun 13 j 12:21	3°♊41'44	
evening set	-4959 Jun 20 j 14:24	1°♊14'14	
	-4959 Jun 22 j 05:47	30°℞♉	
min. Earth dist.	-4959 Jun 24 j 04:37	28°♉17'24	0.62500 AU
inferior conj	-4959 Jun 27 j 03:21	25°♉27'24	-4°-2'-19
minimum elong	-4959 Jun 27 j 05:46	25°♉21'33	4°01'51
morning rise	-4959 Jul 03 j 23:34	20°♉20'43	
direct	-4959 Jul 06 j 13:05	19°♉50'44	
morning max el	-4959 Jul 13 j 05:22	23°♉14'39	17°57'15
asc. node	-4959 Jul 13 j 23:52	24°♉02'11	
	-4959 Jul 18 j 13:39	0°♊	
morning set	-4959 Jul 29 j 14:36	18°♊48'59	
	-4959 Aug 04 j 21:57	0°♋	
superior conj	-4959 Aug 09 j 23:42	8°♋45'02	1°29'55
minimum elong	-4959 Aug 10 j 04:47	9°♋06'32	1°29'45
max. Earth dist.	-4959 Aug 16 j 21:19	20°♋13'25	1.43001 AU
	-4959 Aug 22 j 23:48	0°♌	
evening rise	-4959 Aug 25 j 01:14	3°♌13'51	
desc. node	-4959 Aug 26 j 02:52	4°♌53'41	
	-4959 Sep 11 j 22:02	0°♍	
greatest brilliancy	-4959 Sep 19 j 06:53	9°♍59'49	-0.4m
evening max el	-4959 Sep 24 j 12:20	16°♍03'31	21°20'30
retrograde	-4959 Oct 03 j 04:33	21°♍12'04	
evening set	-4959 Oct 07 j 06:14	19°♍39'19	
asc. node	-4959 Oct 09 j 22:52	16°♍58'22	
inferior conj	-4959 Oct 12 j 15:50	13°♍25'17	0°54'50
minimum elong	-4959 Oct 12 j 14:36	13°♍29'34	0°54'25
min. Earth dist.	-4959 Oct 13 j 00:22	12°♍56'01	0.67164 AU
morning rise	-4959 Oct 17 j 22:37	7°♍07'07	
direct	-4959 Oct 22 j 23:28	4°♍59'48	
morning max el	-4959 Nov 02 j 11:44	11°♍16'55	23°33'49
	-4959 Nov 17 j 09:10	0°♎	
desc. node	-4959 Nov 22 j 03:01	6°♎52'35	
	-4959 Dec 06 j 19:02	0°♏	
morning set	-4959 Dec 07 j 12:57	1°♏15'19	
max. Earth dist.	-4959 Dec 11 j 19:15	8°♏34'51	1.39149 AU
superior conj	-4959 Dec 19 j 06:54	22°♏08'03	-1°-52'-23
minimum elong	-4959 Dec 19 j 07:33	22°♏11'05	1°52'35
	-4959 Dec 23 j 10:25	0°♐	
evening rise	-4959 Dec 28 j 11:43	9°♐47'12	
asc. node	-4958 Jan 05 j 21:37	25°♐20'24	
	-4958 Jan 08 j 20:34	0°♑	
evening max el	-4958 Jan 13 j 19:53	6°♑05'14	18°40'35

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

retrograde	-4958 Jan 21 j 17:44	9°♉55'11		
evening set	-4958 Jan 24 j 04:46	9°♉34'21		
inferior conj	-4958 Jan 31 j 20:26	5°♉08'38	3°46'04	
minimum elong	-4958 Jan 31 j 23:43	5°♉02'23	3°45'23	
min. Earth dist.	-4958 Feb 04 j 04:25	2°♉37'53	0.58203 AU	
	-4958 Feb 08 j 10:14	30°℞♐		
morning rise	-4958 Feb 08 j 15:02	29°♐54'11		
direct	-4958 Feb 14 j 12:25	28°♐28'08		
desc. node	-4958 Feb 18 j 02:39	28°♐59'44		
	-4958 Feb 20 j 17:01	0°♉		
morning max el	-4958 Feb 28 j 18:08	5°♉55'44	26°13'39	
	-4958 Mar 18 j 11:04	0°♒		
morning set	-4958 Mar 29 j 09:12	20°♒54'36		
	-4958 Apr 02 j 15:12	0°♓		
asc. node	-4958 Apr 03 j 21:05	2°♓42'50		
superior conj	-4958 Apr 05 j 10:24	6°♓06'43	0°16'05	
minimum elong	-4958 Apr 05 j 09:42	6°♓02'53	0°15'48	
max. Earth dist.	-4958 Apr 05 j 19:43	6°♓57'39	1.32712 AU	
evening rise	-4958 Apr 12 j 12:56	21°♓21'14		
	-4958 Apr 16 j 20:07	0°♈		
	-4958 May 05 j 08:00	0°♉		
evening max el	-4958 May 12 j 19:57	8°♉27'32	26°49'37	
desc. node	-4958 May 17 j 01:05	12°♉01'10		
retrograde	-4958 May 26 j 20:57	15°♉49'08		
evening set	-4958 Jun 02 j 12:47	13°♉52'01		
min. Earth dist.	-4958 Jun 06 j 09:29	11°♉08'59	0.60532 AU	
inferior conj	-4958 Jun 09 j 17:13	8°♉21'07	-4°-12'-44	
minimum elong	-4958 Jun 09 j 17:19	8°♉20'55	4°12'36	
morning rise	-4958 Jun 17 j 01:05	3°♉35'43		
direct	-4958 Jun 19 j 12:56	3°♉11'24		
morning max el	-4958 Jun 26 j 17:37	6°♉42'20	18°09'02	
asc. node	-4958 Jun 30 j 20:53	11°♉37'21		
	-4958 Jul 11 j 15:53	0°♊		
morning set	-4958 Jul 12 j 17:05	1°♊57'28		
superior conj	-4958 Jul 22 j 15:48	20°♊15'53	1°45'49	
minimum elong	-4958 Jul 22 j 18:05	20°♊26'07	1°45'58	
	-4958 Jul 28 j 05:17	0°♋		
max. Earth dist.	-4958 Jul 30 j 04:36	3°♋20'57	1.41332 AU	
evening rise	-4958 Aug 04 j 17:59	12°♋31'15		
desc. node	-4958 Aug 12 j 23:52	25°♋28'06		
	-4958 Aug 15 j 23:49	0°♌		
greatest brilliancy	-4958 Sep 02 j 10:15	24°♌06'49	-0.3m	
evening max el	-4958 Sep 07 j 05:04	29°♌28'34	22°38'02	
	-4958 Sep 07 j 17:42	0°♍		
retrograde	-4958 Sep 16 j 23:04	5°♍15'34		
evening set	-4958 Sep 21 j 14:06	3°♍23'15		
	-4958 Sep 24 j 18:07	30°℞♌		
inferior conj	-4958 Sep 26 j 22:15	27°♌04'36	0°01'56	
minimum elong	-4958 Sep 26 j 22:12	27°♌04'46	0°02'04	
transit middle	-4958 Sep 26 j 22:12	27°♌04'46	0°02'04	
transit begin	-4958 Sep 26 j 19:32	27°♌14'01		
transit end	-4958 Sep 27 j 00:53	26°♌55'32		
asc. node	-4958 Sep 26 j 19:59	27°♌12'27		
min. Earth dist.	-4958 Sep 26 j 20:29	27°♌10'42	0.67380 AU	
morning rise	-4958 Oct 02 j 06:12	20°♌48'25		
direct	-4958 Oct 06 j 16:30	19°♌02'25		
morning max el	-4958 Oct 16 j 00:09	24°♌35'20	22°08'34	
	-4958 Oct 20 j 18:32	0°♍		
greatest brilliancy	-4958 Oct 20 j 19:10	0°♍01'58	-0.4m	
desc. node	-4958 Nov 08 j 23:54	27°♍07'33		
	-4958 Nov 10 j 20:56	0°♎		
morning set	-4958 Nov 17 j 16:52	10°♎44'47		
max. Earth dist.	-4958 Nov 23 j 18:08	20°♎40'29	1.41187 AU	
	-4958 Nov 29 j 05:06	0°♏		
superior conj	-4958 Dec 01 j 11:11	3°♏57'36	-1°-49'-39	
minimum elong	-4958 Dec 01 j 08:48	3°♏47'03	1°49'42	
evening rise	-4958 Dec 11 j 20:26	22°♏56'27		
	-4958 Dec 15 j 16:01	0°♐		
asc. node	-4958 Dec 23 j 18:41	13°♐36'46		
evening max el	-4958 Dec 28 j 03:03	18°♐55'51	18°14'28	
retrograde	-4957 Jan 04 j 04:27	22°♐28'32		
evening set	-4957 Jan 06 j 17:47	22°♐01'33		
inferior conj	-4957 Jan 13 j 19:13	17°♐13'37	4°05'26	
minimum elong	-4957 Jan 13 j 19:32	17°♐12'53	4°05'11	
min. Earth dist.	-4957 Jan 17 j 01:43	14°♐21'57	0.60173 AU	
morning rise	-4957 Jan 20 j 18:28	11°♐39'11		
direct	-4957 Jan 27 j 11:54	9°♐34'54		
desc. node	-4957 Feb 04 j 23:43	12°♐32'14		
morning max el	-4957 Feb 10 j 15:26	17°♐11'14	27°14'23	
	-4957 Feb 21 j 07:11	0°♑		
	-4957 Mar 10 j 21:59	0°♒		
morning set	-4957 Mar 13 j 18:18	5°♒47'07		
superior conj	-4957 Mar 20 j 22:05	21°♒07'58	0°-8'-37	
minimum elong	-4957 Mar 20 j 22:29	21°♒10'07	0°08'43	
behind sun begin	-4957 Mar 20 j 18:16	20°♒47'06		
behind sun end	-4957 Mar 21 j 02:41	21°♒33'08		
max. Earth dist.	-4957 Mar 20 j 09:14	19°♒57'45	1.32621 AU	
asc. node	-4957 Mar 21 j 18:03	22°♒57'05		
	-4957 Mar 24 j 23:44	0°♓		
evening rise	-4957 Mar 27 j 22:35	6°♓17'30		
	-4957 Apr 09 j 13:06	0°♈		
evening max el	-4957 Apr 24 j 17:53	19°♈57'00	25°46'49	
desc. node	-4957 May 03 j 22:16	26°♈14'15		
retrograde	-4957 May 08 j 20:07	27°♈11'26		
evening set	-4957 May 14 j 14:05	25°♈52'05		
min. Earth dist.	-4957 May 19 j 06:29	23°♈06'26	0.58511 AU	
inferior conj	-4957 May 22 j 13:38	20°♈42'22	-3°-57'-41	
minimum elong	-4957 May 22 j 10:28	20°♈48'10	3°57'16	
morning rise	-4957 May 30 j 10:49	16°♈18'36		
direct	-4957 Jun 01 j 21:50	15°♈58'52		
morning max el	-4957 Jun 10 j 00:38	19°♈49'11	18°40'41	
asc. node	-4957 Jun 17 j 17:52	0°♉00'33		
	-4957 Jun 17 j 17:44	0°♉		
morning set	-4957 Jun 26 j 08:03	15°♉44'37		
	-4957 Jul 03 j 17:06	0°♊		
superior conj	-4957 Jul 05 j 05:47	2°♊53'28	1°49'21	
minimum elong	-4957 Jul 05 j 05:29	2°♊52'02	1°49'35	
max. Earth dist.	-4957 Jul 12 j 07:19	15°♊46'17	1.39420 AU	
evening rise	-4957 Jul 16 j 11:52	23°♊01'12		
	-4957 Jul 20 j 16:36	0°♋		
desc. node	-4957 Jul 30 j 20:53	15°♋51'26		
	-4957 Aug 09 j 21:06	0°♌		
evening max el	-4957 Aug 20 j 17:23	12°♌54'34	23°58'59	
retrograde	-4957 Aug 31 j 14:16	19°♌18'46		
evening set	-4957 Sep 05 j 20:09	17°♌06'17		
min. Earth dist.	-4957 Sep 10 j 16:20	11°♌27'31	0.67296 AU	
inferior conj	-4957 Sep 11 j 04:28	10°♌46'17	0°-51'-8	
minimum elong	-4957 Sep 11 j 05:39	10°♌42'18	0°50'28	
asc. node	-4957 Sep 13 j 17:06	7°♌28'49		
morning rise	-4957 Sep 16 j 15:19	4°♌35'20		
direct	-4957 Sep 20 j 12:34	3°♌09'35		
morning max el	-4957 Sep 28 j 18:47	8°♌00'57	20°50'16	
greatest brilliancy	-4957 Oct 04 j 16:49	15°♌01'57	-0.5m	
	-4957 Oct 15 j 06:43	0°♍		
desc. node	-4957 Oct 26 j 20:48	17°♍35'38		
morning set	-4957 Oct 27 j 21:19	19°♍10'56		
	-4957 Nov 03 j 17:38	0°♎		
max. Earth dist.	-4957 Nov 06 j 00:26	3°♎40'55	1.42942 AU	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-4957 Nov 12 j 14:54	14°♎34'50	-1°-32'-49
minimum elong	-4957 Nov 12 j 09:12	14°♎10'52	1°32'25
	-4957 Nov 21 j 13:44	0°♏	
evening rise	-4957 Nov 24 j 14:44	5°♏22'45	
	-4957 Dec 09 j 17:43	0°♐	
asc. node	-4957 Dec 10 j 15:47	1°♐04'21	
evening max el	-4957 Dec 11 j 14:27	2°♐04'27	18°08'07
retrograde	-4957 Dec 18 j 05:44	5°♐33'16	
evening set	-4957 Dec 20 j 21:36	4°♐59'15	
inferior conj	-4957 Dec 27 j 11:18	29°♏49'32	3°58'47
minimum elong	-4957 Dec 27 j 09:22	29°♏54'23	3°58'21
	-4957 Dec 27 j 07:08	30°℞♏	
min. Earth dist.	-4957 Dec 30 j 07:11	26°♏59'40	0.62106 AU
morning rise	-4956 Jan 02 j 19:04	24°♏00'08	
direct	-4956 Jan 09 j 20:28	21°♏26'49	
desc. node	-4956 Jan 22 j 20:46	28°♏14'30	
morning max el	-4956 Jan 23 j 19:13	29°♏08'13	27°40'46
	-4956 Jan 24 j 15:56	0°♐	
	-4956 Feb 15 j 02:47	0°♑	
morning set	-4956 Feb 25 j 22:52	20°♑23'51	
	-4956 Mar 01 j 13:13	0°♒	
max. Earth dist.	-4956 Mar 02 j 20:15	2°♒46'28	1.32875 AU
superior conj	-4956 Mar 04 j 08:35	6°♒02'58	0°-33'-18
minimum elong	-4956 Mar 04 j 10:03	6°♒10'55	0°33'14
asc. node	-4956 Mar 07 j 15:02	13°♒08'59	
evening rise	-4956 Mar 11 j 10:01	21°♒16'10	
	-4956 Mar 15 j 16:42	0°♓	
	-4956 Apr 04 j 13:17	0°♈	
evening max el	-4956 Apr 05 j 10:49	0°♈52'52	24°21'48
retrograde	-4956 Apr 19 j 07:58	7°♈51'50	
desc. node	-4956 Apr 19 j 19:26	7°♈51'18	
evening set	-4956 Apr 23 j 19:32	7°♈06'44	
min. Earth dist.	-4956 Apr 29 j 22:44	4°♈03'59	0.56736 AU
inferior conj	-4956 May 02 j 14:07	2°♈23'29	-3°-7'-39
minimum elong	-4956 May 02 j 08:35	2°♈32'19	3°06'23
	-4956 May 06 j 14:46	30°℞♓	
morning rise	-4956 May 11 j 01:43	28°♓18'03	
direct	-4956 May 13 j 12:10	28°♓01'55	
	-4956 May 19 j 20:37	0°♈	
morning max el	-4956 May 22 j 23:44	2°♈26'26	19°32'40
asc. node	-4956 Jun 03 j 14:53	19°♈00'40	
morning set	-4956 Jun 09 j 07:57	0°♉01'32	
	-4956 Jun 09 j 07:38	0°♉	
superior conj	-4956 Jun 17 j 12:03	16°♉22'25	1°43'33
minimum elong	-4956 Jun 17 j 10:06	16°♉12'49	1°43'38
max. Earth dist.	-4956 Jun 23 j 09:24	27°♉39'18	1.37519 AU
	-4956 Jun 24 j 15:51	0°♊	
evening rise	-4956 Jun 27 j 07:31	4°♊47'56	
	-4956 Jul 12 j 16:17	0°♋	
desc. node	-4956 Jul 16 j 17:55	5°♋58'12	
evening max el	-4956 Aug 02 j 03:51	26°♋23'07	25°16'08
	-4956 Aug 06 j 06:26	0°♌	
retrograde	-4956 Aug 14 j 01:29	3°♌17'51	
evening set	-4956 Aug 19 j 22:32	0°♌47'12	
	-4956 Aug 20 j 18:52	30°℞♋	
min. Earth dist.	-4956 Aug 24 j 09:33	25°♋45'03	0.66895 AU
inferior conj	-4956 Aug 25 j 08:47	24°♋29'00	-1°-42'-46
minimum elong	-4956 Aug 25 j 11:06	24°♋21'27	1°41'39
asc. node	-4956 Aug 30 j 14:15	18°♋43'48	
morning rise	-4956 Aug 31 j 00:09	18°♋26'27	
direct	-4956 Sep 03 j 10:26	17°♋18'18	
morning max el	-4956 Sep 10 j 20:40	21°♋35'24	19°43'45
	-4956 Sep 17 j 15:40	0°♌	
greatest brilliancy	-4956 Sep 19 j 03:03	2°♌04'46	-0.6m
morning set	-4956 Oct 05 j 21:11	27°♌30'31	
	-4956 Oct 07 j 11:38	0°♍	
desc. node	-4956 Oct 12 j 17:39	8°♍12'15	
max. Earth dist.	-4956 Oct 18 j 13:14	17°♍23'05	1.44181 AU
superior conj	-4956 Oct 22 j 14:52	23°♍53'26	0°-59'-39
minimum elong	-4956 Oct 22 j 08:33	23°♍28'01	0°58'54
	-4956 Oct 26 j 09:22	0°♎	
evening rise	-4956 Nov 05 j 13:53	16°♎55'46	
	-4956 Nov 13 j 08:27	0°♏	
evening max el	-4956 Nov 24 j 03:12	15°♏23'29	18°20'46
asc. node	-4956 Nov 26 j 12:55	17°♏28'38	
retrograde	-4956 Nov 30 j 17:01	18°♏59'09	
evening set	-4956 Dec 03 j 12:36	18°♏16'41	
inferior conj	-4956 Dec 09 j 16:52	12°♏47'26	3°34'16
minimum elong	-4956 Dec 09 j 13:48	12°♏56'01	3°33'30
min. Earth dist.	-4956 Dec 11 j 22:39	10°♏16'53	0.63810 AU
morning rise	-4956 Dec 15 j 13:30	6°♏46'45	
direct	-4956 Dec 22 j 12:52	3°♏58'39	
morning max el	-4955 Jan 05 j 03:23	11°♏40'48	27°31'09
desc. node	-4955 Jan 08 j 17:47	15°♏30'19	
	-4955 Jan 19 j 19:04	0°♐	
	-4955 Feb 06 j 11:59	0°♑	
morning set	-4955 Feb 08 j 20:17	4°♑34'38	
max. Earth dist.	-4955 Feb 14 j 00:30	15°♑08'20	1.33510 AU
superior conj	-4955 Feb 16 j 16:03	20°♑44'23	0°-57'-3
minimum elong	-4955 Feb 16 j 18:25	20°♑57'04	0°56'54
	-4955 Feb 20 j 23:45	0°♒	
asc. node	-4955 Feb 22 j 12:01	3°♒13'24	
evening rise	-4955 Feb 23 j 21:24	6°♒09'28	
	-4955 Mar 08 j 19:24	0°♓	
evening max el	-4955 Mar 18 j 03:34	11°♓36'54	22°47'50
retrograde	-4955 Mar 31 j 07:31	18°♓03'44	
evening set	-4955 Apr 03 j 13:44	17°♓40'27	
desc. node	-4955 Apr 06 j 16:39	16°♓38'25	
min. Earth dist.	-4955 Apr 11 j 13:25	14°♓08'27	0.55546 AU
inferior conj	-4955 Apr 12 j 20:03	13°♓24'15	-1°-38'-49
minimum elong	-4955 Apr 12 j 15:50	13°♓30'21	1°37'35
morning rise	-4955 Apr 21 j 20:30	9°♓26'37	
direct	-4955 Apr 24 j 08:49	9°♓11'45	
morning max el	-4955 May 05 j 12:37	14°♓24'50	20°44'29
	-4955 May 16 j 22:59	0°♈	
asc. node	-4955 May 21 j 11:52	8°♈27'50	
morning set	-4955 May 24 j 13:59	14°♈39'52	
superior conj	-4955 Jun 01 j 05:53	0°♉28'24	1°31'01
minimum elong	-4955 Jun 01 j 03:13	0°♉14'46	1°30'51
	-4955 Jun 01 j 00:19	0°♉	
max. Earth dist.	-4955 Jun 05 j 16:59	9°♉25'05	1.35840 AU
evening rise	-4955 Jun 10 j 00:06	17°♉38'58	
	-4955 Jun 16 j 21:40	0°♊	
desc. node	-4955 Jul 03 j 15:01	25°♊41'01	
	-4955 Jul 06 j 21:54	0°♋	
evening max el	-4955 Jul 15 j 14:34	9°♋52'43	26°21'29
retrograde	-4955 Jul 28 j 08:07	17°♋07'22	
evening set	-4955 Aug 03 j 19:09	14°♋23'58	
min. Earth dist.	-4955 Aug 07 j 21:50	10°♋00'24	0.66146 AU
inferior conj	-4955 Aug 09 j 09:21	8°♋10'46	-2°-31'-7
minimum elong	-4955 Aug 09 j 12:32	8°♋00'55	2°29'48
morning rise	-4955 Aug 15 j 06:46	2°♋19'40	
asc. node	-4955 Aug 17 j 11:23	1°♋30'16	
direct	-4955 Aug 18 j 08:24	1°♋25'54	
morning max el	-4955 Aug 25 j 04:56	5°♋17'05	18°51'59
	-4955 Sep 11 j 08:55	0°♌	
morning set	-4955 Sep 15 j 14:23	6°♌44'03	
desc. node	-4955 Sep 29 j 14:32	28°♌54'13	
	-4955 Sep 30 j 07:13	0°♍	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-4955 Oct 01 j 05:52	1°♍29'14	1.44758 AU	
superior conj	-4955 Oct 01 j 17:52	2°♍16'33	0°-13'-25	
minimum elong	-4955 Oct 01 j 16:07	2°♍09'40	0°13'04	
behind sun begin	-4955 Oct 01 j 09:10	1°♍42'16		
behind sun end	-4955 Oct 01 j 23:04	2°♍37'04		
evening rise	-4955 Oct 17 j 13:22	27°♍26'21		
	-4955 Oct 19 j 03:31	0°♎		
evening max el	-4955 Nov 07 j 14:44	28°♎48'27	18°51'19	
	-4955 Nov 08 j 20:28	0°♏		
asc. node	-4955 Nov 13 j 10:06	2°♏34'12		
retrograde	-4955 Nov 14 j 10:23	2°♏39'57		
evening set	-4955 Nov 17 j 11:34	1°♏46'51		
	-4955 Nov 19 j 19:05	30°℞♎		
inferior conj	-4955 Nov 23 j 08:24	26°♎00'58	2°57'54	
minimum elong	-4955 Nov 23 j 05:10	26°♎10'51	2°56'54	
min. Earth dist.	-4955 Nov 24 j 23:53	24°♎00'22	0.65191 AU	
morning rise	-4955 Nov 28 j 21:41	19°♎51'57		
direct	-4955 Dec 05 j 11:55	17°♎03'33		
morning max el	-4955 Dec 18 j 13:03	24°♎37'22	26°49'39	
	-4955 Dec 23 j 11:08	0°♏		
desc. node	-4955 Dec 26 j 14:45	3°♏52'26		
	-4954 Jan 13 j 04:37	0°♐		
morning set	-4954 Jan 23 j 07:11	18°♐08'49		
max. Earth dist.	-4954 Jan 27 j 18:26	26°♐54'44	1.34576 AU	
	-4954 Jan 29 j 07:02	0°♑		
superior conj	-4954 Jan 31 j 18:25	5°♑05'45	-1°-18'-42	
minimum elong	-4954 Jan 31 j 21:21	5°♑20'59	1°18'35	
evening rise	-4954 Feb 08 j 06:59	20°♑51'39		
asc. node	-4954 Feb 09 j 09:03	23°♑05'56		
	-4954 Feb 12 j 20:02	0°♒		
evening max el	-4954 Feb 28 j 02:26	22°♒36'32	21°18'14	
retrograde	-4954 Mar 11 j 21:53	28°♒14'56		
evening set	-4954 Mar 14 j 10:52	28°♒00'10		
inferior conj	-4954 Mar 23 j 16:01	24°♒00'54	0°15'01	
minimum elong	-4954 Mar 23 j 16:42	23°♒59'55	0°14'35	
transit middle	-4954 Mar 23 j 16:42	23°♒59'55	0°14'35	
transit begin	-4954 Mar 23 j 15:07	24°♒02'10		
transit end	-4954 Mar 23 j 18:17	23°♒57'41		
min. Earth dist.	-4954 Mar 24 j 03:49	23°♒44'11	0.55213 AU	
desc. node	-4954 Mar 24 j 13:51	23°♒30'01		
morning rise	-4954 Apr 01 j 22:03	19°♒54'20		
direct	-4954 Apr 04 j 21:24	19°♒34'56		
morning max el	-4954 Apr 17 j 14:37	25°♒41'35	22°13'04	
	-4954 Apr 21 j 14:44	0°♓		
asc. node	-4954 May 08 j 08:49	28°♓14'50		
morning set	-4954 May 08 j 23:55	29°♓32'53		
	-4954 May 09 j 05:08	0°♈		
superior conj	-4954 May 16 j 07:41	15°♈00'18	1°13'39	
minimum elong	-4954 May 16 j 05:02	14°♈46'18	1°13'18	
max. Earth dist.	-4954 May 19 j 10:22	21°♈28'53	1.34506 AU	
	-4954 May 23 j 16:08	0°♉		
evening rise	-4954 May 24 j 08:15	1°♉18'38		
	-4954 Jun 09 j 21:01	0°♊		
desc. node	-4954 Jun 20 j 12:11	14°♊49'05		
evening max el	-4954 Jun 28 j 01:59	23°♊15'58	27°06'54	
	-4954 Jul 07 j 19:04	0°♋		
retrograde	-4954 Jul 11 j 09:30	0°♋39'24		
	-4954 Jul 14 j 19:04	30°℞♊		
evening set	-4954 Jul 18 j 07:22	27°♊52'22		
min. Earth dist.	-4954 Jul 22 j 02:53	24°♊07'01	0.65026 AU	
inferior conj	-4954 Jul 24 j 03:56	21°♊47'15	-3°-13'-58	
minimum elong	-4954 Jul 24 j 07:30	21°♊37'02	3°12'47	
morning rise	-4954 Jul 30 j 08:58	16°♊10'52		
direct	-4954 Aug 02 j 04:19	15°♊28'13		
asc. node	-4954 Aug 04 j 08:28	15°♊53'29		
morning max el	-4954 Aug 08 j 17:35	19°♊01'49	18°16'42	
	-4954 Aug 16 j 21:30	0°♋		
morning set	-4954 Aug 27 j 10:25	17°♋15'19		
	-4954 Sep 04 j 04:28	0°♌		
superior conj	-4954 Sep 10 j 19:40	10°♌40'32	0°35'09	
minimum elong	-4954 Sep 10 j 23:51	10°♌57'12	0°34'51	
max. Earth dist.	-4954 Sep 13 j 23:40	15°♌42'17	1.44614 AU	
desc. node	-4954 Sep 16 j 11:27	19°♌38'10		
	-4954 Sep 23 j 02:06	0°♍		
evening rise	-4954 Sep 27 j 11:48	6°♍52'17		
	-4954 Oct 12 j 13:27	0°♎		
greatest brilliancy	-4954 Oct 13 j 12:09	1°♎22'57	-0.7m	
evening max el	-4954 Oct 21 j 22:39	12°♎15'12	19°38'18	
retrograde	-4954 Oct 29 j 06:45	16°♎30'39		
asc. node	-4954 Oct 31 j 07:16	16°♎06'55		
evening set	-4954 Nov 01 j 15:45	15°♎24'13		
inferior conj	-4954 Nov 07 j 06:55	9°♎24'46	2°13'43	
minimum elong	-4954 Nov 07 j 04:09	9°♎33'45	2°12'44	
min. Earth dist.	-4954 Nov 08 j 09:15	7°♎59'04	0.66223 AU	
morning rise	-4954 Nov 12 j 15:50	3°♎10'08		
direct	-4954 Nov 18 j 16:45	0°♎32'53		
morning max el	-4954 Nov 30 j 22:14	7°♎45'51	25°43'53	
desc. node	-4954 Dec 13 j 11:40	23°♎00'50		
	-4954 Dec 18 j 09:15	0°♏		
	-4953 Jan 05 j 15:31	0°♐		
morning set	-4953 Jan 06 j 03:00	0°♐52'22		
max. Earth dist.	-4953 Jan 10 j 00:41	8°♐10'01	1.36088 AU	
superior conj	-4953 Jan 15 j 13:03	18°♐58'41	-1°-36'-43	
minimum elong	-4953 Jan 15 j 15:54	19°♐13'03	1°36'44	
	-4953 Jan 20 j 22:57	0°♑		
evening rise	-4953 Jan 23 j 12:51	5°♑16'23		
asc. node	-4953 Jan 27 j 06:07	12°♑41'10		
	-4953 Feb 06 j 18:00	0°♒		
evening max el	-4953 Feb 10 j 11:05	4°♒07'54	20°02'17	
retrograde	-4953 Feb 20 j 14:08	8°♒55'25		
evening set	-4953 Feb 22 j 22:44	8°♒41'00		
inferior conj	-4953 Mar 03 j 15:43	4°♒40'50	2°03'05	
minimum elong	-4953 Mar 03 j 20:24	4°♒33'42	2°01'28	
min. Earth dist.	-4953 Mar 05 j 17:59	3°♒24'36	0.55803 AU	
desc. node	-4953 Mar 11 j 10:59	0°♒33'19		
morning rise	-4953 Mar 12 j 15:13	0°♒10'29		
	-4953 Mar 13 j 07:11	30°℞♑		
direct	-4953 Mar 16 j 14:15	29°♑35'55		
	-4953 Mar 19 j 20:27	0°♒		
morning max el	-4953 Mar 30 j 08:09	6°♒26'20	23°51'17	
	-4953 Apr 16 j 02:29	0°♓		
morning set	-4953 Apr 23 j 11:53	14°♓34'45		
asc. node	-4953 Apr 25 j 05:47	18°♓16'05		
superior conj	-4953 Apr 30 j 14:49	29°♓49'54	0°52'56	
minimum elong	-4953 Apr 30 j 12:41	29°♓38'24	0°52'31	
	-4953 Apr 30 j 16:42	0°♈		
max. Earth dist.	-4953 May 02 j 13:36	4°♈00'03	1.33536 AU	
evening rise	-4953 May 08 j 03:30	15°♈33'27		
	-4953 May 15 j 17:50	0°♉		
	-4953 Jun 04 j 15:59	0°♊		
desc. node	-4953 Jun 07 j 09:22	3°♊07'40		
evening max el	-4953 Jun 10 j 12:28	6°♊21'03	27°25'17	
retrograde	-4953 Jun 24 j 04:53	13°♊45'59		
evening set	-4953 Jul 01 j 07:58	11°♊07'25		
min. Earth dist.	-4953 Jul 04 j 22:47	7°♊55'43	0.63529 AU	
inferior conj	-4953 Jul 07 j 13:55	5°♊13'21	-3°-48'-12	
minimum elong	-4953 Jul 07 j 17:05	5°♊05'10	3°47'27	
	-4953 Jul 13 j 23:28	30°℞♉		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning rise	-4953 Jul 14 j 04:07	29°♉54'53	
direct	-4953 Jul 16 j 19:21	29°♉20'45	
	-4953 Jul 19 j 14:43	0°♊	
asc. node	-4953 Jul 22 j 05:30	1°♊43'41	
morning max el	-4953 Jul 23 j 08:13	2°♊45'16	17°59'04
morning set	-4953 Aug 09 j 07:44	28°♊58'59	
	-4953 Aug 09 j 21:46	0°♋	
superior conj	-4953 Aug 21 j 17:10	20°♋04'23	1°14'08
minimum elong	-4953 Aug 21 j 23:06	20°♋28'56	1°13'46
max. Earth dist.	-4953 Aug 27 j 15:37	29°♋44'23	1.43772 AU
	-4953 Aug 27 j 19:30	0°♌	
desc. node	-4953 Sep 03 j 08:25	10°♌21'15	
evening rise	-4953 Sep 06 j 17:13	15°♌35'28	
	-4953 Sep 16 j 03:59	0°♍	
greatest brilliancy	-4953 Sep 29 j 00:02	18°♍27'27	-0.5m
evening max el	-4953 Oct 05 j 01:04	25°♍41'35	20°39'41
	-4953 Oct 10 j 19:21	0°♎	
retrograde	-4953 Oct 13 j 03:50	0°♎28'41	
	-4953 Oct 15 j 09:48	30°℞♍	
evening set	-4953 Oct 16 j 22:53	29°♍06'05	
asc. node	-4953 Oct 18 j 04:25	28°♍03'54	
inferior conj	-4953 Oct 22 j 10:03	22°♍56'19	1°24'33
minimum elong	-4953 Oct 22 j 08:11	23°♍02'40	1°23'52
min. Earth dist.	-4953 Oct 23 j 00:41	22°♍06'46	0.66918 AU
morning rise	-4953 Oct 27 j 17:02	16°♍38'46	
direct	-4953 Nov 02 j 02:42	14°♍19'43	
morning max el	-4953 Nov 13 j 06:59	20°♍59'26	24°23'11
	-4953 Nov 21 j 01:51	0°♎	
desc. node	-4953 Nov 30 j 08:35	12°♎42'17	
	-4953 Dec 11 j 15:13	0°♏	
morning set	-4953 Dec 19 j 02:03	12°♏29'46	
max. Earth dist.	-4953 Dec 22 j 22:38	19°♏19'49	1.37974 AU
	-4953 Dec 28 j 16:37	0°♐	
superior conj	-4953 Dec 29 j 20:29	2°♐13'23	-1°-49'00
minimum elong	-4953 Dec 29 j 22:19	2°♐22'08	1°49'10
evening rise	-4952 Jan 07 j 12:47	19°♐17'25	
	-4952 Jan 13 j 02:24	0°♑	
asc. node	-4952 Jan 14 j 03:11	1°♑52'24	
evening max el	-4952 Jan 24 j 05:54	16°♑13'49	19°04'38
retrograde	-4952 Feb 01 j 20:30	20°♑20'52	
evening set	-4952 Feb 04 j 06:14	20°♑02'57	
inferior conj	-4952 Feb 12 j 06:57	15°♑48'13	3°19'35
minimum elong	-4952 Feb 12 j 11:37	15°♑40'05	3°18'24
min. Earth dist.	-4952 Feb 15 j 08:55	13°♑40'13	0.57171 AU
morning rise	-4952 Feb 20 j 13:20	10°♑48'43	
direct	-4952 Feb 25 j 18:27	9°♑44'52	
desc. node	-4952 Feb 26 j 08:06	9°♑45'38	
morning max el	-4952 Mar 10 j 23:00	17°♑02'39	25°26'32
	-4952 Mar 21 j 13:17	0°♒	
morning set	-4952 Apr 07 j 00:06	29°♒38'10	
	-4952 Apr 07 j 04:16	0°♓	
asc. node	-4952 Apr 11 j 02:43	8°♓25'49	
superior conj	-4952 Apr 14 j 01:06	14°♓48'56	0°29'58
minimum elong	-4952 Apr 13 j 23:49	14°♓41'56	0°29'37
max. Earth dist.	-4952 Apr 14 j 23:37	16°♓51'25	1.32913 AU
evening rise	-4952 Apr 21 j 06:17	0°♈11'01	
	-4952 Apr 21 j 04:08	0°♈	
	-4952 May 07 j 20:19	0°♉	
evening max el	-4952 May 22 j 19:23	18°♉53'53	27°12'00
desc. node	-4952 May 24 j 06:32	20°♉14'52	
retrograde	-4952 Jun 05 j 17:40	26°♉17'24	
evening set	-4952 Jun 12 j 17:03	24°♉01'12	
min. Earth dist.	-4952 Jun 16 j 08:40	21°♉12'29	0.61695 AU
inferior conj	-4952 Jun 19 j 12:07	18°♉20'56	-4°-9'-13
minimum elong	-4952 Jun 19 j 13:43	18°♉17'17	4°08'58
morning rise	-4952 Jun 26 j 13:06	13°♉23'14	
direct	-4952 Jun 29 j 01:55	12°♉55'42	
morning max el	-4952 Jul 05 j 22:08	16°♉20'47	17°59'53
asc. node	-4952 Jul 08 j 02:31	18°♉44'45	
	-4952 Jul 15 j 12:42	0°♊	
morning set	-4952 Jul 22 j 01:01	11°♊39'53	
	-4952 Aug 01 j 06:38	0°♋	
superior conj	-4952 Aug 01 j 18:13	0°♋50'19	1°38'21
minimum elong	-4952 Aug 01 j 22:11	1°♋07'32	1°38'21
max. Earth dist.	-4952 Aug 09 j 02:27	13°♋15'45	1.42341 AU
evening rise	-4952 Aug 16 j 00:04	24°♋24'08	
	-4952 Aug 19 j 13:55	0°♌	
desc. node	-4952 Aug 20 j 05:24	0°♌59'52	
	-4952 Sep 09 j 05:22	0°♍	
greatest brilliancy	-4952 Sep 12 j 00:36	3°♍34'53	-0.4m
evening max el	-4952 Sep 16 j 21:04	9°♍06'30	21°52'35
retrograde	-4952 Sep 25 j 23:49	14°♍31'18	
evening set	-4952 Sep 30 j 07:02	12°♍50'10	
asc. node	-4952 Oct 04 j 01:32	8°♍43'41	
inferior conj	-4952 Oct 05 j 15:49	6°♍33'33	0°32'32
minimum elong	-4952 Oct 05 j 15:04	6°♍36'08	0°32'19
min. Earth dist.	-4952 Oct 05 j 19:50	6°♍19'42	0.67293 AU
morning rise	-4952 Oct 10 j 22:53	0°♍15'58	
	-4952 Oct 11 j 06:46	30°℞♌	
direct	-4952 Oct 15 j 17:18	28°♌18'01	
	-4952 Oct 20 j 15:53	0°♍	
morning max el	-4952 Oct 25 j 17:22	4°♍16'25	22°57'08
greatest brilliancy	-4952 Oct 30 j 14:47	9°♍46'45	-0.3m
	-4952 Nov 14 j 08:35	0°♎	
desc. node	-4952 Nov 16 j 05:29	2°♎47'21	
morning set	-4952 Nov 28 j 22:37	22°♎47'47	
	-4952 Dec 03 j 05:36	0°♏	
max. Earth dist.	-4952 Dec 03 j 19:22	0°♏58'53	1.40030 AU
superior conj	-4952 Dec 11 j 12:16	14°♏38'12	-1°-52'-44
minimum elong	-4952 Dec 11 j 11:46	14°♏35'55	1°52'54
	-4952 Dec 19 j 16:47	0°♐	
evening rise	-4952 Dec 21 j 04:04	2°♐48'18	
asc. node	-4952 Dec 31 j 00:15	20°♐31'57	
evening max el	-4951 Jan 06 j 09:18	28°♐50'29	18°26'58
	-4951 Jan 07 j 16:30	0°♑	
retrograde	-4951 Jan 13 j 21:20	2°♑31'46	
evening set	-4951 Jan 16 j 09:12	2°♑08'33	
	-4951 Jan 20 j 13:35	30°℞♐	
inferior conj	-4951 Jan 23 j 18:29	27°♐33'23	3°58'06
minimum elong	-4951 Jan 23 j 20:30	27°♐29'17	3°57'40
min. Earth dist.	-4951 Jan 27 j 03:17	24°♐50'46	0.59020 AU
morning rise	-4951 Jan 31 j 04:27	22°♐09'19	
direct	-4951 Feb 06 j 11:30	20°♐26'43	
desc. node	-4951 Feb 12 j 05:11	21°♐47'41	
morning max el	-4951 Feb 20 j 17:14	27°♐59'15	26°43'27
	-4951 Feb 22 j 16:40	0°♑	
	-4951 Mar 15 j 01:06	0°♒	
morning set	-4951 Mar 22 j 10:52	14°♒36'41	
asc. node	-4951 Mar 28 j 23:42	28°♒39'38	
superior conj	-4951 Mar 29 j 12:45	29°♒51'07	0°05'40
minimum elong	-4951 Mar 29 j 12:31	29°♒49'46	0°05'29
behind sun begin	-4951 Mar 29 j 07:48	29°♒23'59	
behind sun end	-4951 Mar 29 j 17:13	0°♓15'33	
max. Earth dist.	-4951 Mar 29 j 12:51	29°♒51'35	1.32627 AU
	-4951 Mar 29 j 14:23	0°♓	
evening rise	-4951 Apr 05 j 14:03	15°♓02'26	
	-4951 Apr 13 j 04:34	0°♈	
	-4951 May 04 j 01:46	0°♉	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening max el	-4951 May 04 j 20:39	0°♉46'05	26°26'14
desc. node	-4951 May 11 j 03:41	5°♉41'34	
retrograde	-4951 May 18 j 22:43	8°♉06'01	
evening set	-4951 May 25 j 06:43	6°♉24'13	
min. Earth dist.	-4951 May 29 j 09:41	3°♉42'18	0.59664 AU
inferior conj	-4951 Jun 01 j 18:56	1°♉01'28	-4°-10'-3
minimum elong	-4951 Jun 01 j 17:41	1°♉03'56	4°09'54
	-4951 Jun 03 j 02:14	30°℞♈	
morning rise	-4951 Jun 09 j 08:20	26°♈25'45	
direct	-4951 Jun 11 j 19:42	26°♈03'36	
morning max el	-4951 Jun 19 j 08:35	29°♈40'56	18°20'03
	-4951 Jun 19 j 16:27	0°♉	
asc. node	-4951 Jun 24 j 23:31	6°♉41'46	
morning set	-4951 Jul 05 j 09:15	25°♉05'37	
	-4951 Jul 07 j 23:12	0°♊	
superior conj	-4951 Jul 14 j 20:21	12°♊51'39	1°48'38
minimum elong	-4951 Jul 14 j 21:26	12°♊56'39	1°48'52
max. Earth dist.	-4951 Jul 22 j 07:08	26°♊03'42	1.40531 AU
	-4951 Jul 24 j 14:45	0°♋	
evening rise	-4951 Jul 27 j 02:43	4°♋09'39	
desc. node	-4951 Aug 07 j 02:24	21°♋30'00	
	-4951 Aug 12 j 20:26	0°♌	
greatest brilliancy	-4951 Aug 24 j 19:39	16°♌08'34	-0.2m
evening max el	-4951 Aug 30 j 11:28	22°♌30'56	23°12'27
retrograde	-4951 Sep 09 j 17:12	28°♌35'01	
evening set	-4951 Sep 14 j 14:22	26°♌34'02	
inferior conj	-4951 Sep 19 j 22:22	20°♌14'08	0°-20'-40
minimum elong	-4951 Sep 19 j 22:50	20°♌12'30	0°20'18
min. Earth dist.	-4951 Sep 19 j 16:12	20°♌35'20	0.67376 AU
asc. node	-4951 Sep 20 j 22:40	18°♌51'05	
morning rise	-4951 Sep 25 j 07:20	13°♌59'37	
direct	-4951 Sep 29 j 11:44	12°♌22'38	
morning max el	-4951 Oct 08 j 08:15	17°♌37'48	21°34'01
greatest brilliancy	-4951 Oct 13 j 11:38	23°♌33'32	-0.4m
	-4951 Oct 18 j 08:23	0°♍	
desc. node	-4951 Nov 03 j 02:21	23°♍08'20	
	-4951 Nov 07 j 12:17	0°♎	
morning set	-4951 Nov 08 j 15:05	1°♎45'41	
max. Earth dist.	-4951 Nov 15 j 20:48	13°♎26'37	1.41979 AU
superior conj	-4951 Nov 23 j 06:43	25°♎58'10	-1°-44'-25
minimum elong	-4951 Nov 23 j 02:50	25°♎41'22	1°44'19
	-4951 Nov 25 j 14:09	0°♏	
evening rise	-4951 Dec 04 j 07:11	15°♏40'13	
	-4951 Dec 12 j 07:48	0°♐	
asc. node	-4951 Dec 17 j 21:21	8°♐29'11	
evening max el	-4951 Dec 20 j 18:38	11°♐49'35	18°09'24
retrograde	-4951 Dec 27 j 14:41	15°♐19'11	
evening set	-4951 Dec 30 j 04:55	14°♐49'28	
inferior conj	-4950 Jan 06 j 01:05	9°♐52'25	4°05'13
minimum elong	-4950 Jan 06 j 00:20	9°♐54'12	4°04'57
min. Earth dist.	-4950 Jan 09 j 03:58	6°♐58'33	0.61014 AU
morning rise	-4950 Jan 12 j 17:10	4°♐10'52	
direct	-4950 Jan 19 j 15:27	1°♐52'18	
desc. node	-4950 Jan 30 j 02:14	6°♐19'25	
morning max el	-4950 Feb 02 j 17:25	9°♐32'07	27°29'59
	-4950 Feb 18 j 13:57	0°♑	
morning set	-4950 Mar 06 j 18:17	29°♑22'58	
	-4950 Mar 07 j 01:28	0°♒	
max. Earth dist.	-4950 Mar 13 j 01:31	12°♒46'49	1.32679 AU
superior conj	-4950 Mar 14 j 00:09	14°♒50'06	0°-19'-9
minimum elong	-4950 Mar 14 j 01:00	14°♒54'46	0°19'10
asc. node	-4950 Mar 15 j 20:41	18°♒53'06	
evening rise	-4950 Mar 21 j 00:39	29°♒59'54	
	-4950 Mar 21 j 00:40	0°♓	

	-4950 Apr 06 j 17:52	0°♈	
evening max el	-4950 Apr 16 j 16:02	11°♈58'57	25°12'44
desc. node	-4950 Apr 28 j 00:52	18°♈51'45	
retrograde	-4950 Apr 30 j 17:42	19°♈08'56	
evening set	-4950 May 05 j 23:03	18°♈05'27	
min. Earth dist.	-4950 May 11 j 04:34	15°♈13'46	0.57696 AU
inferior conj	-4950 May 14 j 07:00	13°♈06'06	-3°-41'-17
minimum elong	-4950 May 14 j 02:34	13°♈13'47	3°40'30
morning rise	-4950 May 22 j 10:16	8°♈50'50	
direct	-4950 May 24 j 20:45	8°♈32'56	
morning max el	-4950 Jun 02 j 12:35	12°♈36'25	19°00'20
asc. node	-4950 Jun 11 j 20:32	25°♈21'58	
	-4950 Jun 14 j 10:35	0°♉	
morning set	-4950 Jun 19 j 04:26	9°♉06'29	
superior conj	-4950 Jun 27 j 17:56	25°♉53'03	1°47'52
minimum elong	-4950 Jun 27 j 16:48	25°♉47'38	1°48'03
	-4950 Jun 29 j 21:53	0°♊	
max. Earth dist.	-4950 Jul 04 j 08:31	8°♊11'36	1.38593 AU
evening rise	-4950 Jul 08 j 08:03	15°♊13'50	
	-4950 Jul 17 j 05:58	0°♋	
desc. node	-4950 Jul 24 j 23:26	11°♋47'16	
	-4950 Aug 07 j 12:30	0°♌	
evening max el	-4950 Aug 12 j 22:45	5°♌58'38	24°32'47
retrograde	-4950 Aug 24 j 06:53	12°♌37'13	
evening set	-4950 Aug 29 j 19:07	10°♌16'52	
min. Earth dist.	-4950 Sep 03 j 11:22	4°♌53'03	0.67164 AU
inferior conj	-4950 Sep 04 j 04:02	3°♌57'10	-1°-13'-19
minimum elong	-4950 Sep 04 j 05:42	3°♌51'33	1°12'26
	-4950 Sep 07 j 07:30	30°℞♋	
asc. node	-4950 Sep 07 j 19:49	29°♋27'07	
morning rise	-4950 Sep 09 j 16:34	27°♋49'05	
direct	-4950 Sep 13 j 08:54	26°♋31'06	
	-4950 Sep 20 j 02:23	0°♌	
morning max el	-4950 Sep 21 j 05:52	1°♌07'07	20°20'13
greatest brilliancy	-4950 Sep 27 j 23:53	9°♌20'04	-0.6m
	-4950 Oct 12 j 02:23	0°♍	
morning set	-4950 Oct 18 j 14:36	10°♍00'18	
desc. node	-4950 Oct 20 j 23:15	13°♍40'34	
max. Earth dist.	-4950 Oct 29 j 05:39	26°♍45'09	1.43548 AU
	-4950 Oct 31 j 06:00	0°♎	
superior conj	-4950 Nov 03 j 22:42	6°♎01'58	-1°-20'-43
minimum elong	-4950 Nov 03 j 16:10	5°♎35'07	1°20'07
evening rise	-4950 Nov 16 j 17:54	27°♎44'42	
	-4950 Nov 18 j 01:02	0°♏	
evening max el	-4950 Dec 04 j 07:01	25°♏03'37	18°11'16
asc. node	-4950 Dec 04 j 18:29	25°♏31'44	
retrograde	-4950 Dec 10 j 20:35	28°♏33'45	
evening set	-4950 Dec 13 j 13:55	27°♏56'17	
inferior conj	-4950 Dec 19 j 23:22	22°♏38'07	3°50'04
minimum elong	-4950 Dec 19 j 20:49	22°♏44'50	3°49'30
min. Earth dist.	-4950 Dec 22 j 13:31	19°♏54'41	0.62878 AU
morning rise	-4950 Dec 26 j 01:55	16°♏43'47	
direct	-4949 Jan 02 j 03:45	14°♏02'02	
morning max el	-4949 Jan 15 j 23:06	21°♏44'07	27°40'46
desc. node	-4949 Jan 16 j 23:16	22°♏44'53	
	-4949 Jan 23 j 06:18	0°♐	
	-4949 Feb 11 j 15:07	0°♑	
morning set	-4949 Feb 18 j 20:08	13°♑49'12	
max. Earth dist.	-4949 Feb 24 j 09:57	25°♑24'24	1.33096 AU
superior conj	-4949 Feb 26 j 09:35	29°♑39'51	0°-43'-33
minimum elong	-4949 Feb 26 j 11:28	29°♑50'00	0°43'27
	-4949 Feb 26 j 13:19	0°♒	
asc. node	-4949 Mar 02 j 17:40	9°♒02'04	
evening rise	-4949 Mar 05 j 12:17	14°♒56'46	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4949 Mar 13 j 03:08	0°♓	
evening max el	-4949 Mar 29 j 08:20	22°♓46'43	23°42'07
retrograde	-4949 Apr 11 j 23:58	29°♓33'35	
desc. node	-4949 Apr 14 j 22:04	29°♓14'39	
evening set	-4949 Apr 15 j 22:03	28°♓59'47	
min. Earth dist.	-4949 Apr 22 j 19:59	25°♓46'09	0.56135 AU
inferior conj	-4949 Apr 24 j 23:02	24°♓28'59	-2°-34'-24
minimum elong	-4949 Apr 24 j 17:30	24°♓37'24	2°32'56
morning rise	-4949 May 03 j 16:29	20°♓28'12	
direct	-4949 May 06 j 03:16	20°♓12'56	
morning max el	-4949 May 16 j 07:26	24°♓57'05	20°00'57
	-4949 May 20 j 19:01	0°♈	
asc. node	-4949 May 29 j 17:32	14°♈34'18	
morning set	-4949 Jun 03 j 07:17	23°♈33'13	
	-4949 Jun 06 j 11:21	0°♉	
superior conj	-4949 Jun 11 j 05:36	9°♉38'42	1°38'56
minimum elong	-4949 Jun 11 j 03:14	9°♉26'53	1°38'54
max. Earth dist.	-4949 Jun 16 j 12:29	19°♉58'54	1.36767 AU
evening rise	-4949 Jun 20 j 13:18	27°♉29'42	
	-4949 Jun 21 j 22:35	0°♊	
	-4949 Jul 10 j 14:52	0°♋	
desc. node	-4949 Jul 11 j 20:32	1°♋44'52	
evening max el	-4949 Jul 26 j 09:25	19°♋28'59	25°45'56
retrograde	-4949 Aug 07 j 16:04	26°♋32'49	
evening set	-4949 Aug 13 j 19:19	23°♋56'09	
min. Earth dist.	-4949 Aug 18 j 02:47	19°♋10'12	0.66625 AU
inferior conj	-4949 Aug 19 j 07:00	17°♋39'54	-2°-3'-47
minimum elong	-4949 Aug 19 j 09:44	17°♋31'12	2°02'32
morning rise	-4949 Aug 25 j 00:44	11°♋41'43	
asc. node	-4949 Aug 25 j 16:57	11°♋18'47	
direct	-4949 Aug 28 j 07:10	10°♋39'53	
morning max el	-4949 Sep 04 j 10:36	14°♋44'35	19°19'46
greatest brilliancy	-4949 Sep 14 j 21:49	28°♋38'18	-0.7m
	-4949 Sep 15 j 19:30	0°♌	
morning set	-4949 Sep 27 j 19:49	18°♌37'33	
	-4949 Oct 05 j 02:00	0°♍	
desc. node	-4949 Oct 07 j 20:09	4°♍19'51	
max. Earth dist.	-4949 Oct 11 j 20:52	10°♍41'19	1.44523 AU
superior conj	-4949 Oct 14 j 12:08	14°♍52'09	0°-41'-10
minimum elong	-4949 Oct 14 j 07:10	14°♍32'26	0°40'28
	-4949 Oct 23 j 21:48	0°♎	
evening rise	-4949 Oct 29 j 07:27	8°♎52'09	
	-4949 Nov 11 j 08:17	0°♏	
evening max el	-4949 Nov 17 j 19:37	8°♏26'02	18°31'38
asc. node	-4949 Nov 21 j 15:37	11°♏24'40	
retrograde	-4949 Nov 24 j 10:53	12°♏07'04	
evening set	-4949 Nov 27 j 08:43	11°♏20'11	
inferior conj	-4949 Dec 03 j 09:34	5°♏43'20	3°19'59
minimum elong	-4949 Dec 03 j 06:20	5°♏52'46	3°19'05
min. Earth dist.	-4949 Dec 05 j 09:05	3°♏24'56	0.64446 AU
	-4949 Dec 08 j 16:52	30°℞♎	
morning rise	-4949 Dec 09 j 02:42	29°♎39'00	
direct	-4949 Dec 15 j 22:54	26°♎49'25	
	-4949 Dec 24 j 03:10	0°♏	
morning max el	-4949 Dec 29 j 08:12	4°♏28'22	27°17'00
desc. node	-4948 Jan 03 j 20:17	10°♏31'48	
	-4948 Jan 17 j 18:59	0°♐	
morning set	-4948 Feb 02 j 13:34	27°♐46'05	
	-4948 Feb 03 j 16:48	0°♑	
max. Earth dist.	-4948 Feb 07 j 10:25	7°♑33'06	1.33914 AU
superior conj	-4948 Feb 10 j 15:12	14°♑14'03	-1°-6'-34
minimum elong	-4948 Feb 10 j 17:52	14°♑28'09	1°06'25
evening rise	-4948 Feb 17 j 23:11	29°♑46'45	
asc. node	-4948 Feb 17 j 14:41	29°♑02'21	

	-4948 Feb 18 j 01:43	0°♒	
	-4948 Mar 06 j 18:31	0°♓	
evening max el	-4948 Mar 10 j 03:04	3°♓34'48	22°08'28
retrograde	-4948 Mar 22 j 18:24	9°♓42'08	
evening set	-4948 Mar 25 j 15:49	9°♓23'38	
desc. node	-4948 Mar 31 j 19:15	7°♓01'26	
inferior conj	-4948 Apr 03 j 23:18	5°♓16'40	0°-51'-58
minimum elong	-4948 Apr 03 j 20:55	5°♓20'01	0°51'18
min. Earth dist.	-4948 Apr 03 j 10:08	5°♓35'15	0.55293 AU
morning rise	-4948 Apr 13 j 03:26	1°♓17'49	
direct	-4948 Apr 15 j 19:11	1°♓01'52	
morning max el	-4948 Apr 27 j 15:33	6°♓37'18	21°20'29
	-4948 May 13 j 11:39	0°♈	
asc. node	-4948 May 15 j 14:31	4°♈10'50	
morning set	-4948 May 17 j 15:14	8°♈18'50	
superior conj	-4948 May 25 j 03:12	23°♈56'48	1°24'08
minimum elong	-4948 May 25 j 00:27	23°♈42'37	1°23'53
	-4948 May 28 j 02:09	0°♉	
max. Earth dist.	-4948 May 29 j 00:19	1°♉51'30	1.35227 AU
evening rise	-4948 Jun 02 j 13:07	10°♉42'55	
	-4948 Jun 13 j 10:07	0°♊	
desc. node	-4948 Jun 27 j 17:39	21°♊14'06	
	-4948 Jul 04 j 23:59	0°♋	
evening max el	-4948 Jul 07 j 20:30	2°♋56'43	26°43'38
retrograde	-4948 Jul 20 j 20:19	10°♋15'42	
evening set	-4948 Jul 27 j 12:40	7°♋29'17	
min. Earth dist.	-4948 Jul 31 j 12:06	3°♋22'29	0.65722 AU
inferior conj	-4948 Aug 02 j 05:16	1°♋19'26	-2°-50'-7
minimum elong	-4948 Aug 02 j 08:42	1°♋09'10	2°48'49
	-4948 Aug 03 j 08:10	30°℞♊	
morning rise	-4948 Aug 08 j 05:46	25°♊34'24	
direct	-4948 Aug 11 j 04:32	24°♊45'40	
asc. node	-4948 Aug 11 j 14:04	24°♊46'32	
morning max el	-4948 Aug 17 j 21:01	28°♊27'56	18°34'56
	-4948 Aug 19 j 06:52	0°♋	
morning set	-4948 Sep 07 j 00:06	28°♋23'35	
	-4948 Sep 07 j 23:57	0°♌	
superior conj	-4948 Sep 22 j 11:37	23°♌06'50	0°07'44
minimum elong	-4948 Sep 22 j 12:39	23°♌10'54	0°07'46
behind sun begin	-4948 Sep 22 j 02:33	22°♌31'02	
behind sun end	-4948 Sep 22 j 22:45	23°♌50'44	
max. Earth dist.	-4948 Sep 23 j 14:53	24°♌54'23	1.44789 AU
desc. node	-4948 Sep 23 j 17:03	25°♌02'53	
	-4948 Sep 26 j 20:28	0°♍	
evening rise	-4948 Oct 08 j 20:07	18°♍54'56	
	-4948 Oct 15 j 20:10	0°♎	
evening max el	-4948 Oct 31 j 05:49	21°♎51'48	19°09'19
retrograde	-4948 Nov 07 j 05:59	25°♎52'42	
asc. node	-4948 Nov 07 j 12:47	25°♎52'15	
evening set	-4948 Nov 10 j 10:13	24°♎54'11	
inferior conj	-4948 Nov 16 j 04:24	19°♎01'48	2°39'56
minimum elong	-4948 Nov 16 j 01:18	19°♎11'34	2°38'54
min. Earth dist.	-4948 Nov 17 j 14:00	17°♎15'59	0.65671 AU
morning rise	-4948 Nov 21 j 15:30	12°♎50'00	
direct	-4948 Nov 28 j 00:17	10°♎05'31	
morning max el	-4948 Dec 10 j 18:02	17°♎32'05	26°24'11
desc. node	-4948 Dec 20 j 17:13	29°♎15'29	
	-4948 Dec 21 j 06:37	0°♏	
	-4947 Jan 09 j 16:45	0°♐	
morning set	-4947 Jan 15 j 18:41	11°♐00'36	
max. Earth dist.	-4947 Jan 19 j 23:40	19°♐06'11	1.35169 AU
superior conj	-4947 Jan 24 j 14:36	28°♐24'05	-1°-26'-55
minimum elong	-4947 Jan 24 j 17:36	28°♐39'28	1°26'50
	-4947 Jan 25 j 09:15	0°♑	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening rise	-4947 Feb 01 j 07:26	14°♑22'22	
asc. node	-4947 Feb 03 j 11:42	18°♑48'13	
	-4947 Feb 09 j 09:57	0°♒	
evening max el	-4947 Feb 20 j 05:40	14°♒45'56	20°43'48
retrograde	-4947 Mar 03 j 08:22	20°♒02'46	
evening set	-4947 Mar 05 j 18:12	19°♒48'51	
inferior conj	-4947 Mar 14 j 19:04	15°♒50'50	1°03'29
minimum elong	-4947 Mar 14 j 21:51	15°♒46'49	1°02'21
min. Earth dist.	-4947 Mar 16 j 00:18	15°♒08'35	0.55354 AU
desc. node	-4947 Mar 18 j 16:24	13°♒40'18	
morning rise	-4947 Mar 23 j 23:57	11°♒35'41	
direct	-4947 Mar 27 j 07:39	11°♒11'41	
morning max el	-4947 Apr 09 j 13:34	17°♒38'35	22°54'23
	-4947 Apr 19 j 11:24	0°♓	
morning set	-4947 May 02 j 02:13	23°♓16'01	
asc. node	-4947 May 02 j 11:27	24°♓04'16	
	-4947 May 05 j 06:41	0°♈	
superior conj	-4947 May 09 j 07:33	8°♈36'56	1°05'12
minimum elong	-4947 May 09 j 05:03	8°♈23'43	1°04'49
max. Earth dist.	-4947 May 11 j 21:55	14°♈05'34	1.34044 AU
evening rise	-4947 May 17 j 02:25	24°♈38'20	
	-4947 May 19 j 20:52	0°♉	
	-4947 Jun 06 j 22:32	0°♊	
desc. node	-4947 Jun 14 j 14:48	10°♊02'50	
evening max el	-4947 Jun 20 j 07:29	16°♊12'27	27°18'19
retrograde	-4947 Jul 03 j 19:20	23°♊37'52	
evening set	-4947 Jul 10 j 20:23	20°♊52'23	
min. Earth dist.	-4947 Jul 14 j 13:18	17°♊22'33	0.64430 AU
inferior conj	-4947 Jul 16 j 20:31	14°♊51'35	-3°-29'-48
minimum elong	-4947 Jul 17 j 00:02	14°♊41'55	3°28'46
morning rise	-4947 Jul 23 j 05:17	9°♊22'48	
direct	-4947 Jul 25 j 22:35	8°♊44'11	
asc. node	-4947 Jul 29 j 11:07	9°♊48'07	
morning max el	-4947 Aug 01 j 10:53	12°♊12'51	18°07'04
	-4947 Aug 13 j 17:13	0°♋	
morning set	-4947 Aug 19 j 07:23	9°♋26'43	
	-4947 Aug 31 j 16:26	0°♌	
superior conj	-4947 Sep 01 j 19:56	1°♌51'16	0°53'21
minimum elong	-4947 Sep 02 j 01:29	2°♌13'38	0°52'55
max. Earth dist.	-4947 Sep 06 j 08:01	9°♌04'02	1.44327 AU
desc. node	-4947 Sep 10 j 13:59	15°♌46'50	
evening rise	-4947 Sep 18 j 09:38	27°♌58'12	
	-4947 Sep 19 j 17:08	0°♍	
greatest brilliancy	-4947 Oct 07 j 06:00	26°♍18'21	-0.6m
	-4947 Oct 09 j 23:40	0°♎	
evening max el	-4947 Oct 14 j 11:31	5°♎18'30	20°02'45
retrograde	-4947 Oct 22 j 03:01	9°♎47'04	
asc. node	-4947 Oct 25 j 09:56	8°♎44'10	
evening set	-4947 Oct 25 j 15:55	8°♎34'13	
inferior conj	-4947 Oct 31 j 05:11	2°♎29'51	1°53'24
minimum elong	-4947 Oct 31 j 02:46	2°♎37'54	1°52'30
min. Earth dist.	-4947 Nov 01 j 02:24	1°♎19'22	0.66552 AU
	-4947 Nov 02 j 02:46	30°℞♍	
morning rise	-4947 Nov 05 j 12:59	26°♍13'21	
direct	-4947 Nov 11 j 07:25	23°♍43'12	
	-4947 Nov 22 j 09:09	0°♎	
morning max el	-4947 Nov 23 j 03:04	0°♎44'14	25°10'49
desc. node	-4947 Dec 07 j 14:09	18°♎39'34	
	-4947 Dec 15 j 06:16	0°♏	
morning set	-4947 Dec 29 j 06:28	23°♏18'32	
	-4946 Jan 01 j 22:26	0°♐	
max. Earth dist.	-4946 Jan 02 j 01:36	0°♐14'46	1.36853 AU
superior conj	-4946 Jan 08 j 04:56	12°♐02'02	-1°-42'-48
minimum elong	-4946 Jan 08 j 07:30	12°♐14'40	1°42'52
evening rise	-4946 Jan 16 j 11:04	28°♐37'43	
	-4946 Jan 17 j 03:29	0°♑	
asc. node	-4946 Jan 21 j 08:44	8°♑13'58	
evening max el	-4946 Feb 02 j 18:44	26°♑32'10	19°35'19
	-4946 Feb 07 j 16:59	0°♒	
retrograde	-4946 Feb 12 j 05:33	1°♒00'47	
evening set	-4946 Feb 14 j 14:06	0°♒45'21	
	-4946 Feb 17 j 00:16	30°℞♑	
inferior conj	-4946 Feb 23 j 00:21	26°♑40'24	2°40'13
minimum elong	-4946 Feb 23 j 05:31	26°♑32'06	2°38'37
min. Earth dist.	-4946 Feb 25 j 14:57	25°♑00'20	0.56307 AU
morning rise	-4946 Mar 03 j 17:25	21°♑57'02	
desc. node	-4946 Mar 05 j 13:32	21°♑27'38	
direct	-4946 Mar 08 j 05:00	21°♑11'37	
morning max el	-4946 Mar 22 j 05:16	28°♑16'30	24°32'59
	-4946 Mar 23 j 22:28	0°♒	
	-4946 Apr 12 j 12:33	0°♓	
morning set	-4946 Apr 16 j 14:27	8°♓18'41	
asc. node	-4946 Apr 19 j 08:23	14°♓09'16	
superior conj	-4946 Apr 23 j 16:14	23°♓31'06	0°43'24
minimum elong	-4946 Apr 23 j 14:26	23°♓21'19	0°43'00
max. Earth dist.	-4946 Apr 25 j 04:09	26°♓44'46	1.33227 AU
	-4946 Apr 26 j 16:41	0°♈	
evening rise	-4946 May 01 j 01:12	9°♈03'39	
	-4946 May 12 j 06:33	0°♉	
desc. node	-4946 Jun 01 j 11:57	27°♉53'40	
evening max el	-4946 Jun 02 j 16:40	29°♉04'31	27°23'44
	-4946 Jun 03 j 16:24	0°♊	
retrograde	-4946 Jun 16 j 12:19	6°♊29'53	
evening set	-4946 Jun 23 j 14:52	3°♊59'07	
min. Earth dist.	-4946 Jun 27 j 05:03	0°♊58'44	0.62773 AU
	-4946 Jun 28 j 05:26	30°℞♉	
inferior conj	-4946 Jun 30 j 01:52	28°♉10'14	-3°-59'-10
minimum elong	-4946 Jun 30 j 04:32	28°♉03'41	3°58'38
morning rise	-4946 Jul 06 j 20:28	23°♉00'21	
direct	-4946 Jul 09 j 10:20	22°♉29'22	
morning max el	-4946 Jul 16 j 01:32	25°♉53'17	17°57'06
asc. node	-4946 Jul 16 j 08:09	26°♉09'52	
	-4946 Jul 19 j 13:12	0°♊	
morning set	-4946 Aug 01 j 13:49	21°♊35'43	
	-4946 Aug 06 j 08:02	0°♋	
superior conj	-4946 Aug 13 j 04:55	11°♋48'51	1°26'16
minimum elong	-4946 Aug 13 j 10:18	12°♋11'33	1°26'03
max. Earth dist.	-4946 Aug 19 j 21:28	22°♋52'29	1.43216 AU
	-4946 Aug 24 j 08:07	0°♌	
desc. node	-4946 Aug 28 j 10:57	6°♌28'07	
evening rise	-4946 Aug 28 j 12:53	6°♌35'38	
	-4946 Sep 13 j 01:44	0°♍	
greatest brilliancy	-4946 Sep 22 j 01:37	12°♍25'29	-0.5m
evening max el	-4946 Sep 27 j 11:13	18°♍43'57	21°09'37
retrograde	-4946 Oct 05 j 23:48	23°♍46'43	
evening set	-4946 Oct 09 j 23:41	22°♍16'42	
asc. node	-4946 Oct 12 j 07:05	20°♍04'00	
inferior conj	-4946 Oct 15 j 09:40	16°♍03'46	1°02'45
minimum elong	-4946 Oct 15 j 08:15	16°♍08'37	1°02'15
min. Earth dist.	-4946 Oct 15 j 19:45	15°♍29'11	0.67112 AU
morning rise	-4946 Oct 20 j 16:25	9°♍45'41	
direct	-4946 Oct 25 j 19:36	7°♍35'08	
morning max el	-4946 Nov 05 j 11:59	13°♍58'16	23°46'39
	-4946 Nov 18 j 11:57	0°♎	
desc. node	-4946 Nov 24 j 11:03	8°♎31'49	
	-4946 Dec 08 j 04:10	0°♏	
morning set	-4946 Dec 10 j 18:50	4°♏23'15	
max. Earth dist.	-4946 Dec 14 j 21:31	11°♏30'32	1.38845 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-4946 Dec 22 j 06:21	24°♏57'07	-1°-51'-50
minimum elong	-4946 Dec 22 j 07:21	25°♏01'50	1°52'02
	-4946 Dec 24 j 22:03	0°♐	
evening rise	-4946 Dec 31 j 07:40	12°♐26'22	
asc. node	-4945 Jan 08 j 05:48	27°♐12'39	
	-4945 Jan 09 j 22:11	0°♑	
evening max el	-4945 Jan 16 j 17:36	8°♑52'30	18°46'09
retrograde	-4945 Jan 24 j 19:21	12°♑46'12	
evening set	-4945 Jan 27 j 06:06	12°♑26'08	
inferior conj	-4945 Feb 04 j 00:03	8°♑03'25	3°40'19
minimum elong	-4945 Feb 04 j 03:45	7°♑56'33	3°39'29
min. Earth dist.	-4945 Feb 07 j 07:02	5°♑37'56	0.57925 AU
morning rise	-4945 Feb 11 j 21:45	2°♑52'45	
direct	-4945 Feb 17 j 15:15	1°♑32'35	
desc. node	-4945 Feb 20 j 10:37	1°♑51'46	
morning max el	-4945 Mar 03 j 20:45	8°♑57'50	26°02'13
	-4945 Mar 19 j 17:21	0°♒	
morning set	-4945 Apr 01 j 02:17	23°♒20'54	
	-4945 Apr 04 j 05:13	0°♓	
asc. node	-4945 Apr 06 j 05:20	4°♓21'18	
superior conj	-4945 Apr 08 j 03:20	8°♓32'34	0°19'46
minimum elong	-4945 Apr 08 j 02:29	8°♓27'52	0°19'29
max. Earth dist.	-4945 Apr 08 j 16:00	9°♓41'42	1.32754 AU
evening rise	-4945 Apr 15 j 06:27	23°♓48'45	
	-4945 Apr 18 j 07:46	0°♈	
	-4945 May 06 j 04:50	0°♉	
evening max el	-4945 May 15 j 21:39	11°♉21'57	26°56'28
desc. node	-4945 May 19 j 09:06	14°♉22'38	
retrograde	-4945 May 29 j 21:58	18°♉43'48	
evening set	-4945 Jun 05 j 16:09	16°♉41'30	
min. Earth dist.	-4945 Jun 09 j 11:12	13°♉57'30	0.60839 AU
inferior conj	-4945 Jun 12 j 18:02	11°♉08'06	-4°-12'-38
minimum elong	-4945 Jun 12 j 18:34	11°♉06'58	4°12'29
morning rise	-4945 Jun 20 j 00:03	6°♉19'21	
direct	-4945 Jun 22 j 12:10	5°♉54'12	
morning max el	-4945 Jun 29 j 14:18	9°♉23'12	18°06'01
asc. node	-4945 Jul 03 j 05:11	13°♉36'35	
	-4945 Jul 13 j 02:02	0°♊	
morning set	-4945 Jul 15 j 14:06	4°♊37'33	
superior conj	-4945 Jul 25 j 17:16	23°♊08'17	1°44'16
minimum elong	-4945 Jul 25 j 20:00	23°♊20'23	1°44'24
	-4945 Jul 29 j 15:27	0°♋	
max. Earth dist.	-4945 Aug 02 j 05:48	6°♋06'45	1.41607 AU
evening rise	-4945 Aug 08 j 02:36	15°♋44'07	
desc. node	-4945 Aug 15 j 07:56	27°♋03'33	
	-4945 Aug 17 j 06:18	0°♌	
greatest brilliancy	-4945 Sep 05 j 11:21	26°♌49'57	-0.3m
	-4945 Sep 08 j 04:26	0°♍	
evening max el	-4945 Sep 10 j 04:47	2°♍08'40	22°26'07
retrograde	-4945 Sep 19 j 18:41	7°♍49'42	
evening set	-4945 Sep 24 j 07:41	6°♍00'16	
asc. node	-4945 Sep 29 j 04:15	0°♍22'31	
	-4945 Sep 29 j 10:47	30°℞♌	
inferior conj	-4945 Sep 29 j 15:58	29°♌42'06	0°09'59
minimum elong	-4945 Sep 29 j 15:43	29°♌42'55	0°10'02
transit middle	-4945 Sep 29 j 15:43	29°♌42'55	0°10'02
transit begin	-4945 Sep 29 j 13:35	29°♌50'17	
transit end	-4945 Sep 29 j 17:51	29°♌35'34	
min. Earth dist.	-4945 Sep 29 j 15:41	29°♌43'05	0.67369 AU
morning rise	-4945 Oct 04 j 23:37	23°♌25'33	
direct	-4945 Oct 09 j 12:00	21°♌36'29	
morning max el	-4945 Oct 18 j 23:45	27°♌15'42	22°20'58
	-4945 Oct 21 j 12:25	0°♍	
greatest brilliancy	-4945 Oct 23 j 17:20	2°♍36'56	-0.3m
desc. node	-4945 Nov 11 j 07:57	28°♍44'10	
	-4945 Nov 12 j 03:53	0°♎	
morning set	-4945 Nov 21 j 03:01	14°♎04'43	
max. Earth dist.	-4945 Nov 26 j 19:52	23°♎29'24	1.40894 AU
	-4945 Nov 30 j 15:15	0°♏	
superior conj	-4945 Dec 04 j 13:48	6°♏56'12	-1°-50'-54
minimum elong	-4945 Dec 04 j 11:57	6°♏47'53	1°51'01
evening rise	-4945 Dec 14 j 18:13	25°♏41'25	
	-4945 Dec 17 j 01:35	0°♐	
asc. node	-4945 Dec 26 j 02:54	15°♐35'29	
evening max el	-4945 Dec 30 j 23:55	21°♐39'46	18°17'04
retrograde	-4944 Jan 07 j 03:42	25°♐14'17	
evening set	-4944 Jan 09 j 16:41	24°♐48'16	
inferior conj	-4944 Jan 16 j 20:02	20°♐03'33	4°04'24
minimum elong	-4944 Jan 16 j 20:47	20°♐01'55	4°04'07
min. Earth dist.	-4944 Jan 20 j 03:25	17°♐13'33	0.59872 AU
morning rise	-4944 Jan 23 j 21:57	14°♐31'38	
direct	-4944 Jan 30 j 13:03	12°♐32'53	
desc. node	-4944 Feb 07 j 07:43	15°♐01'41	
morning max el	-4944 Feb 13 j 17:15	20°♐08'10	27°07'29
	-4944 Feb 22 j 05:10	0°♑	
	-4944 Mar 11 j 09:42	0°♒	
morning set	-4944 Mar 15 j 11:53	8°♒15'15	
max. Earth dist.	-4944 Mar 22 j 05:41	22°♒42'40	1.32613 AU
superior conj	-4944 Mar 22 j 15:06	23°♒34'10	0°-4'-50
minimum elong	-4944 Mar 22 j 15:19	23°♒35'23	0°04'59
behind sun begin	-4944 Mar 22 j 10:32	23°♒09'15	
behind sun end	-4944 Mar 22 j 20:05	24°♒01'31	
asc. node	-4944 Mar 23 j 02:17	24°♒35'23	
	-4944 Mar 25 j 13:45	0°♓	
evening rise	-4944 Mar 29 j 15:42	8°♓44'00	
	-4944 Apr 09 j 19:10	0°♈	
evening max el	-4944 Apr 26 j 20:27	22°♈57'01	25°57'48
desc. node	-4944 May 05 j 06:17	28°♈56'16	
	-4944 May 08 j 15:12	0°♉	
retrograde	-4944 May 10 j 22:39	0°♉12'59	
	-4944 May 13 j 05:43	30°℞♈	
evening set	-4944 May 16 j 20:42	28°♈47'44	
min. Earth dist.	-4944 May 21 j 09:02	26°♈03'39	0.58808 AU
inferior conj	-4944 May 24 j 17:15	23°♈34'32	-4°-2'-5
minimum elong	-4944 May 24 j 14:35	23°♈39'33	4°01'44
morning rise	-4944 Jun 01 j 12:23	19°♈07'49	
direct	-4944 Jun 03 j 23:33	18°♈47'26	
morning max el	-4944 Jun 11 j 22:19	22°♈33'45	18°34'42
	-4944 Jun 17 j 21:15	0°♉	
asc. node	-4944 Jun 19 j 02:11	1°♉53'11	
morning set	-4944 Jun 28 j 03:28	18°♉19'30	
	-4944 Jul 04 j 04:57	0°♊	
superior conj	-4944 Jul 07 j 04:25	5°♊37'06	1°49'29
minimum elong	-4944 Jul 07 j 04:27	5°♊37'16	1°49'42
max. Earth dist.	-4944 Jul 14 j 09:05	18°♊38'18	1.39711 AU
evening rise	-4944 Jul 18 j 16:29	26°♊02'10	
	-4944 Jul 21 j 01:37	0°♋	
desc. node	-4944 Aug 01 j 04:57	17°♋28'47	
	-4944 Aug 09 j 22:37	0°♌	
evening max el	-4944 Aug 22 j 17:34	15°♌34'07	23°47'00
retrograde	-4944 Sep 02 j 10:32	21°♌53'18	
evening set	-4944 Sep 07 j 14:10	19°♌43'39	
inferior conj	-4944 Sep 12 j 22:21	13°♌23'31	0°-43'-12
minimum elong	-4944 Sep 12 j 23:20	13°♌20'08	0°42'35
min. Earth dist.	-4944 Sep 12 j 11:44	13°♌59'42	0.67325 AU
asc. node	-4944 Sep 15 j 01:25	10°♌34'34	
morning rise	-4944 Sep 18 j 08:39	7°♌11'40	
direct	-4944 Sep 22 j 07:41	5°♌43'08	
morning max el	-4944 Sep 30 j 17:27	10°♌40'27	21°01'17

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

greatest brilliancy	-4944 Oct 06 j 09:48	17°♌21'18	-0.5m
	-4944 Oct 15 j 11:37	0°♍	
desc. node	-4944 Oct 28 j 04:51	19°♍10'34	
morning set	-4944 Oct 30 j 10:07	22°♍37'41	
	-4944 Nov 04 j 02:12	0°♎	
max. Earth dist.	-4944 Nov 08 j 01:04	6°♎22'15	1.42704 AU
superior conj	-4944 Nov 14 j 21:31	17°♎44'47	-1°-36'-24
minimum elong	-4944 Nov 14 j 16:14	17°♎22'24	1°36'05
	-4944 Nov 21 j 23:37	0°♏	
evening rise	-4944 Nov 26 j 14:59	8°♏14'51	
	-4944 Dec 09 j 12:49	0°♐	
asc. node	-4944 Dec 12 j 00:03	3°♐11'28	
evening max el	-4944 Dec 13 j 10:53	4°♐46'08	18°07'51
retrograde	-4944 Dec 20 j 03:12	8°♐14'57	
evening set	-4944 Dec 22 j 18:34	7°♐42'07	
inferior conj	-4944 Dec 29 j 09:52	2°♐35'34	4°01'02
minimum elong	-4944 Dec 29 j 08:12	2°♐39'40	4°00'41
	-4943 Jan 01 j 00:58	30°℞♏	
min. Earth dist.	-4943 Jan 01 j 07:40	29°♏44'03	0.61827 AU
morning rise	-4943 Jan 04 j 19:38	26°♏47'58	
direct	-4943 Jan 11 j 20:30	24°♏18'05	
	-4943 Jan 23 j 16:43	0°♐	
desc. node	-4943 Jan 24 j 04:46	0°♐26'38	
morning max el	-4943 Jan 25 j 20:18	1°♐59'23	27°39'07
	-4943 Feb 15 j 10:34	0°♑	
morning set	-4943 Feb 27 j 17:18	22°♑54'38	
	-4943 Mar 03 j 03:00	0°♒	
max. Earth dist.	-4943 Mar 05 j 17:16	5°♒33'23	1.32815 AU
superior conj	-4943 Mar 07 j 01:53	8°♒30'10	0°-29'-35
minimum elong	-4943 Mar 07 j 03:12	8°♒37'17	0°29'33
asc. node	-4943 Mar 09 j 23:17	14°♒47'35	
evening rise	-4943 Mar 14 j 03:00	23°♒42'17	
	-4943 Mar 17 j 04:19	0°♓	
	-4943 Apr 04 j 20:41	0°♈	
evening max el	-4943 Apr 08 j 13:47	3°♈55'54	24°35'17
desc. node	-4943 Apr 22 j 03:28	10°♈58'07	
retrograde	-4943 Apr 22 j 12:30	10°♈58'26	
evening set	-4943 Apr 27 j 04:43	10°♈08'53	
min. Earth dist.	-4943 May 03 j 01:52	7°♈09'19	0.56970 AU
inferior conj	-4943 May 05 j 20:42	5°♈21'15	-3°-17'-46
minimum elong	-4943 May 05 j 15:21	5°♈29'57	3°16'37
morning rise	-4943 May 14 j 06:10	1°♈13'37	
direct	-4943 May 16 j 16:32	0°♈57'07	
morning max el	-4943 May 25 j 22:47	5°♈15'40	19°23'41
asc. node	-4943 Jun 05 j 23:10	20°♈47'52	
	-4943 Jun 10 j 19:31	0°♉	
morning set	-4943 Jun 12 j 02:13	2°♉32'00	
superior conj	-4943 Jun 20 j 08:35	18°♉59'06	1°44'56
minimum elong	-4943 Jun 20 j 06:49	18°♉50'28	1°45'01
	-4943 Jun 26 j 03:23	0°♊	
max. Earth dist.	-4943 Jun 26 j 10:38	0°♊33'28	1.37789 AU
evening rise	-4943 Jun 30 j 08:32	7°♊37'52	
	-4943 Jul 13 j 22:34	0°♋	
desc. node	-4943 Jul 19 j 02:01	7°♋38'26	
evening max el	-4943 Aug 05 j 04:05	29°♋01'59	25°05'15
	-4943 Aug 06 j 04:09	0°♌	
retrograde	-4943 Aug 16 j 22:28	5°♌53'12	
evening set	-4943 Aug 22 j 17:14	3°♌25'03	
	-4943 Aug 25 j 21:31	30°℞♋	
min. Earth dist.	-4943 Aug 27 j 05:33	28°♋17'11	0.66972 AU
inferior conj	-4943 Aug 28 j 03:04	27°♋06'15	-1°-35'-9
minimum elong	-4943 Aug 28 j 05:13	26°♋59'10	1°34'05
asc. node	-4943 Sep 01 j 22:34	21°♋37'50	
morning rise	-4943 Sep 02 j 17:39	21°♋02'08	
direct	-4943 Sep 06 j 05:23	19°♋51'37	
morning max el	-4943 Sep 13 j 18:16	24°♋13'29	19°52'44
	-4943 Sep 18 j 15:04	0°♌	
greatest brilliancy	-4943 Sep 21 j 13:43	4°♌01'12	-0.6m
	-4943 Oct 08 j 19:19	0°♍	
morning set	-4943 Oct 09 j 09:05	0°♍53'24	
desc. node	-4943 Oct 15 j 01:44	9°♍45'58	
max. Earth dist.	-4943 Oct 21 j 12:41	19°♍57'41	1.44034 AU
superior conj	-4943 Oct 26 j 01:31	27°♍14'20	-1°-5'-42
minimum elong	-4943 Oct 25 j 18:57	26°♍47'51	1°04'56
	-4943 Oct 27 j 18:20	0°♎	
evening rise	-4943 Nov 08 j 17:16	19°♎55'57	
	-4943 Nov 14 j 15:30	0°♏	
evening max el	-4943 Nov 26 j 23:37	18°♏03'41	18°17'46
asc. node	-4943 Nov 28 j 21:13	19°♏46'03	
retrograde	-4943 Dec 03 j 13:11	21°♏37'40	
evening set	-4943 Dec 06 j 08:06	20°♏56'37	
inferior conj	-4943 Dec 12 j 13:38	15°♏30'15	3°38'48
minimum elong	-4943 Dec 12 j 10:41	15°♏38'25	3°38'06
min. Earth dist.	-4943 Dec 14 j 21:39	12°♏55'51	0.63577 AU
morning rise	-4943 Dec 18 j 11:41	9°♏31'04	
direct	-4943 Dec 25 j 11:56	6°♏44'00	
morning max el	-4942 Jan 08 j 03:54	14°♏26'40	27°34'41
desc. node	-4942 Jan 11 j 01:47	17°♏29'50	
	-4942 Jan 20 j 21:24	0°♐	
	-4942 Feb 07 j 23:29	0°♑	
morning set	-4942 Feb 11 j 15:58	7°♑09'41	
max. Earth dist.	-4942 Feb 16 j 22:39	17°♑59'12	1.33388 AU
superior conj	-4942 Feb 19 j 09:56	23°♑13'55	0°-53'-34
minimum elong	-4942 Feb 19 j 12:11	23°♑25'59	0°53'25
	-4942 Feb 22 j 13:33	0°♒	
asc. node	-4942 Feb 24 j 20:18	4°♒53'17	
evening rise	-4942 Feb 26 j 14:30	8°♒36'32	
	-4942 Mar 09 j 22:23	0°♓	
evening max el	-4942 Mar 21 j 06:14	14°♓40'12	23°01'51
retrograde	-4942 Apr 03 j 13:51	21°♓12'52	
evening set	-4942 Apr 06 j 23:44	20°♓47'23	
desc. node	-4942 Apr 09 j 00:38	20°♓09'33	
min. Earth dist.	-4942 Apr 14 j 16:49	17°♓20'31	0.55672 AU
inferior conj	-4942 Apr 16 j 05:06	16°♓27'38	-1°-54'-27
minimum elong	-4942 Apr 16 j 00:23	16°♓34'31	1°53'06
morning rise	-4942 Apr 25 j 03:52	12°♓29'35	
direct	-4942 Apr 27 j 15:32	12°♓14'45	
morning max el	-4942 May 08 j 13:17	17°♓20'16	20°32'37
	-4942 May 18 j 05:17	0°♈	
asc. node	-4942 May 23 j 20:08	10°♈11'23	
morning set	-4942 May 27 j 07:30	17°♈07'38	
	-4942 Jun 02 j 13:37	0°♉	
superior conj	-4942 Jun 04 j 00:56	3°♉00'18	1°33'16
minimum elong	-4942 Jun 03 j 22:19	2°♉47'01	1°33'08
max. Earth dist.	-4942 Jun 08 j 17:01	12°♉18'32	1.36069 AU
evening rise	-4942 Jun 12 j 22:24	20°♉20'35	
	-4942 Jun 18 j 07:26	0°♊	
desc. node	-4942 Jul 05 j 23:07	27°♊25'31	
	-4942 Jul 07 j 21:03	0°♋	
evening max el	-4942 Jul 18 j 14:49	12°♋32'18	26°12'52
retrograde	-4942 Jul 31 j 05:49	19°♋44'34	
evening set	-4942 Aug 06 j 14:51	17°♋02'46	
min. Earth dist.	-4942 Aug 10 j 18:46	12°♋33'16	0.66281 AU
inferior conj	-4942 Aug 12 j 04:19	10°♋48'37	-2°-24'-5
minimum elong	-4942 Aug 12 j 07:24	10°♋39'01	2°22'48
morning rise	-4942 Aug 18 j 00:44	4°♋55'29	
asc. node	-4942 Aug 19 j 19:39	4°♋09'48	
direct	-4942 Aug 21 j 03:32	3°♋59'42	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning max el	-4942 Aug 28 j 01:39	7°♋54'14	18°58'39
	-4942 Sep 12 j 16:01	0°♌	
morning set	-4942 Sep 18 j 22:46	9°♌56'30	
desc. node	-4942 Oct 01 j 22:39	0°♍27'28	
	-4942 Oct 01 j 15:41	0°♍	
max. Earth dist.	-4942 Oct 04 j 04:57	4°♍01'30	1.44723 AU
superior conj	-4942 Oct 05 j 06:41	5°♍43'01	0°-20'-53
minimum elong	-4942 Oct 05 j 04:00	5°♍32'23	0°20'25
	-4942 Oct 20 j 11:35	0°♎	
evening rise	-4942 Oct 20 j 20:29	0°♎36'04	
	-4942 Nov 09 j 03:27	0°♏	
evening max el	-4942 Nov 10 j 11:30	1°♏27'56	18°45'41
asc. node	-4942 Nov 15 j 18:22	5°♏04'13	
retrograde	-4942 Nov 17 j 05:45	5°♏16'18	
evening set	-4942 Nov 20 j 06:02	4°♏24'52	
	-4942 Nov 25 j 01:29	30°℞♎	
inferior conj	-4942 Nov 26 j 03:51	28°♎41'20	3°03'58
minimum elong	-4942 Nov 26 j 00:35	28°♎51'10	3°02'59
min. Earth dist.	-4942 Nov 27 j 21:25	26°♎35'52	0.65013 AU
morning rise	-4942 Dec 01 j 18:02	22°♎33'31	
direct	-4942 Dec 08 j 10:03	19°♎44'18	
morning max el	-4942 Dec 21 j 13:22	27°♎19'43	26°57'32
	-4942 Dec 24 j 02:35	0°♏	
desc. node	-4942 Dec 28 j 22:46	5°♏43'02	
	-4941 Jan 14 j 12:54	0°♐	
morning set	-4941 Jan 26 j 04:40	20°♐49'47	
	-4941 Jan 30 j 20:05	0°♑	
max. Earth dist.	-4941 Jan 30 j 18:14	29°♐50'39	1.34387 AU
superior conj	-4941 Feb 03 j 13:12	7°♑38'35	-1°-15'-39
minimum elong	-4941 Feb 03 j 16:04	7°♑53'38	1°15'29
evening rise	-4941 Feb 11 j 00:27	23°♑20'38	
asc. node	-4941 Feb 11 j 17:19	24°♑47'54	
	-4941 Feb 14 j 06:55	0°♒	
evening max el	-4941 Mar 03 j 03:56	25°♒36'21	21°30'55
	-4941 Mar 09 j 07:58	0°♓	
retrograde	-4941 Mar 15 j 04:50	1°♓22'16	
evening set	-4941 Mar 17 j 19:33	1°♓06'50	
	-4941 Mar 21 j 10:02	30°℞♒	
desc. node	-4941 Mar 26 j 21:48	27°♒11'51	
inferior conj	-4941 Mar 27 j 01:44	27°♒06'18	0°-2'-42
minimum elong	-4941 Mar 27 j 01:36	27°♒06'29	0°02'49
transit middle	-4941 Mar 27 j 01:36	27°♒06'29	0°02'49
transit begin	-4941 Mar 26 j 21:34	27°♒12'11	
transit end	-4941 Mar 27 j 05:39	27°♒00'47	
min. Earth dist.	-4941 Mar 27 j 07:07	26°♒58'43	0.55202 AU
morning rise	-4941 Apr 05 j 07:39	23°♒02'18	
direct	-4941 Apr 08 j 04:43	22°♒44'01	
morning max el	-4941 Apr 20 j 16:45	28°♒42'48	21°59'02
	-4941 Apr 22 j 00:05	0°♓	
asc. node	-4941 May 10 j 17:04	29°♓55'48	
	-4941 May 10 j 17:53	0°♈	
morning set	-4941 May 11 j 16:58	1°♈58'58	
superior conj	-4941 May 19 j 01:43	17°♈28'51	1°16'32
minimum elong	-4941 May 18 j 23:01	17°♈14'42	1°16'12
max. Earth dist.	-4941 May 22 j 09:04	24°♈19'37	1.34683 AU
	-4941 May 25 j 04:43	0°♉	
evening rise	-4941 May 27 j 04:32	3°♉53'55	
	-4941 Jun 11 j 02:54	0°♊	
desc. node	-4941 Jun 22 j 20:14	16°♊39'27	
evening max el	-4941 Jul 01 j 02:14	25°♊57'17	27°01'41
	-4941 Jul 05 j 20:36	0°♋	
retrograde	-4941 Jul 14 j 07:51	3°♋19'31	
evening set	-4941 Jul 21 j 04:27	0°♋32'23	
	-4941 Jul 21 j 19:39	30°℞♊	
min. Earth dist.	-4941 Jul 25 j 00:59	26°♊41'31	0.65221 AU
inferior conj	-4941 Jul 26 j 23:55	24°♊26'02	-3°-7'-55
minimum elong	-4941 Jul 27 j 03:29	24°♊15'44	3°06'44
morning rise	-4941 Aug 02 j 03:43	18°♊47'13	
direct	-4941 Aug 04 j 23:55	18°♊03'02	
asc. node	-4941 Aug 06 j 16:42	18°♊18'40	
morning max el	-4941 Aug 11 j 13:45	21°♊38'32	18°20'52
	-4941 Aug 18 j 01:07	0°♋	
morning set	-4941 Aug 30 j 14:44	20°♋16'14	
	-4941 Sep 05 j 13:20	0°♌	
superior conj	-4941 Sep 14 j 07:07	14°♌02'22	0°28'13
minimum elong	-4941 Sep 14 j 10:35	14°♌16'11	0°27'58
max. Earth dist.	-4941 Sep 16 j 23:02	18°♌15'34	1.44686 AU
desc. node	-4941 Sep 18 j 19:35	21°♌11'20	
	-4941 Sep 24 j 10:13	0°♍	
evening rise	-4941 Sep 30 j 22:27	10°♍11'17	
	-4941 Oct 13 j 17:22	0°♎	
greatest brilliancy	-4941 Oct 15 j 19:54	3°♎08'39	-0.7m
evening max el	-4941 Oct 24 j 20:05	14°♎54'44	19°30'18
retrograde	-4941 Nov 01 j 01:51	19°♎06'01	
asc. node	-4941 Nov 02 j 15:29	18°♎51'45	
evening set	-4941 Nov 04 j 09:35	18°♎01'39	
inferior conj	-4941 Nov 10 j 01:28	12°♎03'55	2°20'49
minimum elong	-4941 Nov 09 j 22:37	12°♎13'10	2°19'48
min. Earth dist.	-4941 Nov 11 j 05:37	10°♎33'02	0.66092 AU
morning rise	-4941 Nov 15 j 10:53	5°♎50'02	
direct	-4941 Nov 21 j 13:56	3°♎10'42	
morning max el	-4941 Dec 03 j 22:43	10°♎27'20	25°54'55
desc. node	-4941 Dec 15 j 19:44	24°♎45'43	
	-4941 Dec 19 j 13:20	0°♏	
	-4940 Jan 07 j 02:19	0°♐	
morning set	-4940 Jan 09 j 03:05	3°♐42'02	
max. Earth dist.	-4940 Jan 13 j 02:20	11°♐10'31	1.35835 AU
superior conj	-4940 Jan 18 j 09:10	21°♐36'32	-1°-34'-20
minimum elong	-4940 Jan 18 j 12:06	21°♐51'19	1°34'18
	-4940 Jan 22 j 11:45	0°♑	
evening rise	-4940 Jan 26 j 07:01	7°♑48'43	
asc. node	-4940 Jan 29 j 14:20	14°♑26'16	
	-4940 Feb 07 j 14:05	0°♒	
evening max el	-4940 Feb 13 j 10:59	7°♒02'25	20°12'30
retrograde	-4940 Feb 23 j 20:05	11°♒57'19	
evening set	-4940 Feb 26 j 04:49	11°♒43'09	
inferior conj	-4940 Mar 06 j 00:00	7°♒43'56	1°48'20
minimum elong	-4940 Mar 06 j 04:20	7°♒37'27	1°46'46
min. Earth dist.	-4940 Mar 07 j 21:10	6°♒36'28	0.55659 AU
desc. node	-4940 Mar 12 j 18:56	4°♒04'30	
morning rise	-4940 Mar 15 j 01:19	3°♒17'58	
direct	-4940 Mar 18 j 20:04	2°♒46'38	
morning max el	-4940 Apr 01 j 11:17	9°♒31'11	23°36'30
	-4940 Apr 16 j 10:39	0°♓	
morning set	-4940 Apr 25 j 04:45	16°♓59'59	
asc. node	-4940 Apr 26 j 14:01	19°♓55'18	
	-4940 May 01 j 06:49	0°♈	
superior conj	-4940 May 02 j 08:12	2°♈16'15	0°56'15
minimum elong	-4940 May 02 j 05:57	2°♈04'13	0°55'51
max. Earth dist.	-4940 May 04 j 10:59	6°♈46'52	1.33659 AU
evening rise	-4940 May 09 j 22:20	18°♈04'02	
	-4940 May 16 j 04:03	0°♉	
	-4940 Jun 04 j 11:11	0°♊	
desc. node	-4940 Jun 08 j 17:20	5°♊06'13	
evening max el	-4940 Jun 12 j 12:54	9°♊05'18	27°24'23
retrograde	-4940 Jun 26 j 04:07	16°♊30'15	
evening set	-4940 Jul 03 j 06:59	13°♊49'23	
min. Earth dist.	-4940 Jul 06 j 22:13	10°♊33'20	0.63780 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

inferior conj	-4940 Jul	09 j 11:20	7°♊53'35	-3°-43'-46
minimum elong	-4940 Jul	09 j 14:38	7°♊44'56	3°42'57
morning rise	-4940 Jul	16 j 00:06	2°♊32'24	
direct	-4940 Jul	18 j 15:50	1°♊57'08	
asc. node	-4940 Jul	23 j 13:45	3°♊56'23	
morning max el	-4940 Jul	25 j 04:14	5°♊22'16	18°00'31
	-4940 Aug	10 j 07:11	0°♋	
morning set	-4940 Aug	11 j 08:30	1°♋49'22	
superior conj	-4940 Aug	24 j 00:44	23°♋14'27	1°09'10
minimum elong	-4940 Aug	24 j 06:43	23°♋39'00	1°08'46
	-4940 Aug	28 j 04:30	0°♌	
max. Earth dist.	-4940 Aug	29 j 15:26	2°♌20'16	1.43936 AU
desc. node	-4940 Sep	04 j 16:30	11°♌54'28	
evening rise	-4940 Sep	09 j 05:21	18°♌57'52	
	-4940 Sep	16 j 10:19	0°♍	
greatest brilliancy	-4940 Sep	30 j 15:46	20°♍42'51	-0.5m
evening max el	-4940 Oct	06 j 23:20	28°♍21'00	20°29'44
	-4940 Oct	08 j 16:42	0°♎	
retrograde	-4940 Oct	14 j 23:00	3°♎03'13	
evening set	-4940 Oct	18 j 16:25	1°♎43'09	
asc. node	-4940 Oct	19 j 12:38	1°♎02'48	
	-4940 Oct	20 j 14:40	30°℞♍	
inferior conj	-4940 Oct	24 j 04:04	25°♍34'34	1°32'16
minimum elong	-4940 Oct	24 j 02:02	25°♍41'24	1°31'30
min. Earth dist.	-4940 Oct	24 j 20:19	24°♍39'42	0.66830 AU
morning rise	-4940 Oct	29 j 11:11	19°♍17'13	
direct	-4940 Nov	03 j 23:05	16°♍55'16	
morning max el	-4940 Nov	15 j 07:33	23°♍40'53	24°35'50
	-4940 Nov	20 j 22:53	0°♎	
desc. node	-4940 Dec	01 j 16:40	14°♎23'01	
	-4940 Dec	11 j 23:13	0°♏	
morning set	-4940 Dec	21 j 05:38	15°♏30'30	
max. Earth dist.	-4940 Dec	25 j 01:17	22°♏19'40	1.37675 AU
	-4940 Dec	29 j 04:24	0°♐	
superior conj	-4940 Dec	31 j 18:32	4°♐57'33	-1°-47'-38
minimum elong	-4940 Dec	31 j 20:35	5°♐07'31	1°47'46
evening rise	-4939 Jan	09 j 08:00	21°♐53'47	
	-4939 Jan	13 j 11:42	0°♑	
asc. node	-4939 Jan	15 j 11:24	3°♑41'39	
evening max el	-4939 Jan	26 j 04:19	19°♑03'04	19°11'57
retrograde	-4939 Feb	03 j 23:56	23°♑15'27	
evening set	-4939 Feb	06 j 09:16	22°♑58'17	
inferior conj	-4939 Feb	14 j 12:27	18°♑46'15	3°10'30
minimum elong	-4939 Feb	14 j 17:20	18°♑37'53	3°09'11
min. Earth dist.	-4939 Feb	17 j 11:59	16°♑45'01	0.56927 AU
morning rise	-4939 Feb	22 j 21:45	13°♑50'42	
direct	-4939 Feb	27 j 22:15	12°♑52'08	
desc. node	-4939 Feb	27 j 16:04	12°♑52'18	
morning max el	-4939 Mar	14 j 02:13	20°♑07'08	25°13'08
	-4939 Mar	22 j 12:11	0°♒	
	-4939 Apr	08 j 17:22	0°♓	
morning set	-4939 Apr	09 j 17:02	2°♓03'23	
asc. node	-4939 Apr	13 j 10:59	10°♓03'55	
superior conj	-4939 Apr	16 j 18:08	17°♓14'12	0°33'34
minimum elong	-4939 Apr	16 j 16:43	17°♓06'25	0°33'12
max. Earth dist.	-4939 Apr	17 j 20:06	19°♓35'07	1.32983 AU
	-4939 Apr	22 j 17:27	0°♈	
evening rise	-4939 Apr	24 j 00:11	2°♈38'35	
	-4939 May	09 j 00:57	0°♉	
evening max el	-4939 May	25 j 20:26	21°♉43'20	27°16'04
desc. node	-4939 May	26 j 14:29	22°♉25'46	
retrograde	-4939 Jun	08 j 18:06	29°♉07'38	
evening set	-4939 Jun	15 j 18:42	26°♉47'04	
min. Earth dist.	-4939 Jun	19 j 09:35	23°♉55'56	0.61983 AU

inferior conj	-4939 Jun	22 j 11:32	21°♉04'28	-4°-7'-16
minimum elong	-4939 Jun	22 j 13:27	20°♉59'59	4°06'55
morning rise	-4939 Jun	29 j 10:50	16°♉03'40	
direct	-4939 Jul	01 j 23:50	15°♉35'20	
morning max el	-4939 Jul	08 j 18:31	18°♉59'45	17°58'33
asc. node	-4939 Jul	10 j 10:47	20°♉47'56	
	-4939 Jul	16 j 19:28	0°♊	
morning set	-4939 Jul	24 j 23:11	14°♊22'46	
	-4939 Aug	02 j 17:03	0°♋	
superior conj	-4939 Aug	04 j 21:45	3°♋48'32	1°35'39
minimum elong	-4939 Aug	05 j 02:08	4°♋07'24	1°35'35
max. Earth dist.	-4939 Aug	12 j 03:01	15°♋56'47	1.42582 AU
evening rise	-4939 Aug	19 j 10:39	27°♋42'05	
	-4939 Aug	20 j 21:51	0°♌	
desc. node	-4939 Aug	22 j 13:27	2°♌33'53	
	-4939 Sep	10 j 05:46	0°♍	
greatest brilliancy	-4939 Sep	14 j 21:14	6°♍05'04	-0.4m
evening max el	-4939 Sep	19 j 20:16	11°♍45'59	21°41'11
retrograde	-4939 Sep	28 j 19:19	17°♍05'12	
evening set	-4939 Oct	03 j 00:32	15°♍27'03	
asc. node	-4939 Oct	06 j 09:48	11°♍51'55	
inferior conj	-4939 Oct	08 j 09:34	9°♍11'11	0°40'31
minimum elong	-4939 Oct	08 j 08:38	9°♍14'23	0°40'14
min. Earth dist.	-4939 Oct	08 j 15:08	8°♍52'00	0.67254 AU
morning rise	-4939 Oct	13 j 16:29	2°♍53'18	
direct	-4939 Oct	18 j 13:06	0°♍52'05	
morning max el	-4939 Oct	28 j 17:30	6°♍57'16	23°09'55
greatest brilliancy	-4939 Nov	02 j 21:01	12°♍45'27	-0.3m
	-4939 Nov	15 j 13:49	0°♎	
desc. node	-4939 Nov	18 j 13:35	4°♎25'00	
morning set	-4939 Dec	02 j 06:23	26°♎00'48	
	-4939 Dec	04 j 15:23	0°♏	
max. Earth dist.	-4939 Dec	06 j 21:26	3°♏51'15	1.39724 AU
superior conj	-4939 Dec	14 j 12:58	17°♏30'27	-1°-52'-51
minimum elong	-4939 Dec	14 j 12:54	17°♏30'10	1°53'04
	-4939 Dec	21 j 04:07	0°♐	
evening rise	-4939 Dec	24 j 00:46	5°♐29'22	
asc. node	-4938 Jan	02 j 08:30	22°♐26'29	
	-4938 Jan	07 j 18:19	0°♑	
evening max el	-4938 Jan	09 j 06:37	1°♑35'37	18°31'18
retrograde	-4938 Jan	16 j 21:54	5°♑19'36	
evening set	-4938 Jan	19 j 09:26	4°♑57'17	
inferior conj	-4938 Jan	26 j 20:54	0°♑25'31	3°54'28
minimum elong	-4938 Jan	26 j 23:23	0°♑20'37	3°53'57
	-4938 Jan	27 j 09:43	30°℞♐	
min. Earth dist.	-4938 Jan	30 j 05:44	27°♐46'29	0.58730 AU
morning rise	-4938 Feb	03 j 09:51	25°♐04'34	
direct	-4938 Feb	09 j 13:45	23°♐27'40	
desc. node	-4938 Feb	14 j 13:12	24°♐28'38	
	-4938 Feb	22 j 18:36	0°♑	
morning max el	-4938 Feb	23 j 19:37	0°♑58'53	26°33'39
	-4938 Mar	16 j 10:32	0°♒	
morning set	-4938 Mar	25 j 04:08	17°♒02'49	
asc. node	-4938 Mar	31 j 07:57	0°♓17'12	
	-4938 Mar	31 j 04:49	0°♓	
superior conj	-4938 Apr	01 j 05:44	2°♓16'16	0°09'25
minimum elong	-4938 Apr	01 j 05:19	2°♓14'01	0°09'11
behind sun begin	-4938 Apr	01 j 01:14	1°♓51'39	
behind sun end	-4938 Apr	01 j 09:24	2°♓36'23	
max. Earth dist.	-4938 Apr	01 j 09:00	2°♓34'08	1.32647 AU
evening rise	-4938 Apr	08 j 07:22	17°♓28'23	
	-4938 Apr	14 j 14:45	0°♈	
	-4938 May	04 j 09:31	0°♉	
evening max el	-4938 May	07 j 22:40	3°♉42'01	26°35'03

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-4938 May 13 j 11:39	8°♉09'55	
retrograde	-4938 May 22 j 00:33	11°♉02'50	
evening set	-4938 May 28 j 11:30	9°♉15'33	
min. Earth dist.	-4938 Jun 01 j 11:57	6°♉33'34	0.59965 AU
inferior conj	-4938 Jun 04 j 20:53	3°♉49'46	-4°-11'-44
minimum elong	-4938 Jun 04 j 20:08	3°♉51'17	4°11'35
	-4938 Jun 10 j 08:09	30°℞♈	
morning rise	-4938 Jun 12 j 08:19	29°♈10'42	
direct	-4938 Jun 14 j 19:49	28°♈47'51	
	-4938 Jun 19 j 02:40	0°♉	
morning max el	-4938 Jun 22 j 05:40	2°♉22'47	18°15'49
asc. node	-4938 Jun 27 j 07:49	8°♉37'29	
morning set	-4938 Jul 08 j 05:34	27°♉42'50	
	-4938 Jul 09 j 10:36	0°♊	
superior conj	-4938 Jul 17 j 20:32	15°♊39'43	1°47'52
minimum elong	-4938 Jul 17 j 22:03	15°♊46'34	1°48'04
max. Earth dist.	-4938 Jul 25 j 08:28	28°♊51'11	1.40815 AU
	-4938 Jul 26 j 00:39	0°♋	
evening rise	-4938 Jul 30 j 09:42	7°♋17'25	
desc. node	-4938 Aug 09 j 10:27	23°♋05'34	
	-4938 Aug 14 j 01:34	0°♌	
greatest brilliancy	-4938 Aug 28 j 07:37	19°♌23'38	-0.3m
evening max el	-4938 Sep 02 j 11:27	25°♌10'37	23°00'22
	-4938 Sep 08 j 12:25	0°♍	
retrograde	-4938 Sep 12 j 13:08	1°♍08'52	
	-4938 Sep 16 j 05:30	30°℞♌	
evening set	-4938 Sep 17 j 08:06	29°♌10'59	
inferior conj	-4938 Sep 22 j 16:08	22°♌51'27	0°-12'-37
minimum elong	-4938 Sep 22 j 16:25	22°♌50'28	0°12'19
transit middle	-4938 Sep 22 j 16:25	22°♌50'28	0°12'19
transit begin	-4938 Sep 22 j 14:39	22°♌56'35	
transit end	-4938 Sep 22 j 18:12	22°♌44'20	
min. Earth dist.	-4938 Sep 22 j 11:32	23°♌07'19	0.67385 AU
asc. node	-4938 Sep 23 j 06:58	22°♌00'27	
morning rise	-4938 Sep 28 j 00:42	16°♌36'13	
direct	-4938 Oct 02 j 07:07	14°♌56'04	
morning max el	-4938 Oct 11 j 07:27	20°♌17'25	21°45'51
greatest brilliancy	-4938 Oct 16 j 07:23	26°♌01'10	-0.4m
	-4938 Oct 19 j 09:15	0°♍	
desc. node	-4938 Nov 05 j 10:28	24°♍43'51	
	-4938 Nov 08 j 20:14	0°♎	
morning set	-4938 Nov 12 j 02:41	5°♎08'58	
max. Earth dist.	-4938 Nov 18 j 21:43	16°♎10'19	1.41710 AU
superior conj	-4938 Nov 26 j 10:58	29°♎00'58	-1°-46'-37
minimum elong	-4938 Nov 26 j 07:36	28°♎46'20	1°46'35
	-4938 Nov 27 j 00:28	0°♏	
evening rise	-4938 Dec 07 j 05:54	18°♏27'19	
	-4938 Dec 13 j 14:48	0°♐	
asc. node	-4938 Dec 20 j 05:37	10°♐30'56	
evening max el	-4938 Dec 23 j 15:18	14°♐32'06	18°10'49
retrograde	-4938 Dec 30 j 12:59	18°♐02'26	
evening set	-4937 Jan 02 j 02:55	17°♐33'41	
inferior conj	-4937 Jan 09 j 00:52	12°♐39'53	4°05'44
minimum elong	-4937 Jan 09 j 00:29	12°♐40'47	4°05'29
min. Earth dist.	-4937 Jan 12 j 05:14	9°♐46'16	0.60721 AU
morning rise	-4937 Jan 15 j 19:23	7°♐00'46	
direct	-4937 Jan 22 j 16:15	4°♐46'54	
desc. node	-4937 Feb 01 j 10:18	8°♐40'15	
morning max el	-4937 Feb 05 j 18:46	12°♐25'38	27°25'18
	-4937 Feb 19 j 17:33	0°♑	
	-4937 Mar 08 j 14:25	0°♒	
morning set	-4937 Mar 09 j 12:13	1°♒51'47	
max. Earth dist.	-4937 Mar 15 j 22:04	15°♒31'43	1.32648 AU
superior conj	-4937 Mar 16 j 17:18	17°♒16'36	0°-15'-21
minimum elong	-4937 Mar 16 j 17:59	17°♒20'22	0°15'26
behind sun begin	-4937 Mar 16 j 16:56	17°♒14'36	
behind sun end	-4937 Mar 16 j 19:02	17°♒26'07	
asc. node	-4937 Mar 18 j 04:56	20°♒31'16	
	-4937 Mar 22 j 14:06	0°♓	
evening rise	-4937 Mar 23 j 17:43	2°♓26'03	
	-4937 Apr 07 j 19:00	0°♈	
evening max el	-4937 Apr 19 j 19:01	15°♈01'07	25°25'07
desc. node	-4937 Apr 30 j 08:52	21°♈43'43	
retrograde	-4937 May 03 j 21:05	22°♈12'46	
evening set	-4937 May 09 j 06:58	21°♈03'56	
min. Earth dist.	-4937 May 14 j 07:36	18°♈14'37	0.57974 AU
inferior conj	-4937 May 17 j 11:59	16°♈00'51	-3°-48'00
minimum elong	-4937 May 17 j 07:58	16°♈07'58	3°47'22
morning rise	-4937 May 25 j 13:04	11°♈42'37	
direct	-4937 May 27 j 23:44	11°♈24'05	
morning max el	-4937 Jun 05 j 10:49	15°♈22'45	18°53'02
asc. node	-4937 Jun 14 j 04:49	27°♈12'01	
	-4937 Jun 15 j 19:24	0°♉	
morning set	-4937 Jun 21 j 23:23	11°♉39'27	
superior conj	-4937 Jun 30 j 15:37	28°♉33'21	1°48'34
minimum elong	-4937 Jun 30 j 14:45	28°♉29'18	1°48'46
	-4937 Jul 01 j 09:51	0°♊	
max. Earth dist.	-4937 Jul 07 j 10:17	11°♊05'19	1.38883 AU
evening rise	-4937 Jul 11 j 11:07	18°♊10'07	
	-4937 Jul 18 j 14:07	0°♋	
desc. node	-4937 Jul 27 j 07:28	13°♋25'15	
	-4937 Aug 08 j 09:08	0°♌	
evening max el	-4937 Aug 15 j 23:08	8°♌38'10	24°21'03
retrograde	-4937 Aug 27 j 03:22	15°♌11'40	
evening set	-4937 Sep 01 j 13:22	12°♌54'06	
inferior conj	-4937 Sep 06 j 22:03	6°♌34'16	-1°-5'-27
minimum elong	-4937 Sep 06 j 23:33	6°♌29'13	1°04'37
min. Earth dist.	-4937 Sep 06 j 07:00	7°♌24'59	0.67220 AU
asc. node	-4937 Sep 10 j 04:07	2°♌28'39	
morning rise	-4937 Sep 12 j 09:58	0°♌25'06	
	-4937 Sep 13 j 01:10	30°℞♋	
direct	-4937 Sep 16 j 04:01	29°♋04'24	
	-4937 Sep 19 j 11:35	0°♌	
morning max el	-4937 Sep 24 j 04:01	3°♌45'29	20°30'23
greatest brilliancy	-4937 Sep 30 j 14:31	11°♌31'08	-0.5m
	-4937 Oct 13 j 08:52	0°♍	
morning set	-4937 Oct 22 j 03:26	13°♍26'09	
desc. node	-4937 Oct 23 j 07:21	15°♍14'38	
max. Earth dist.	-4937 Nov 01 j 05:48	29°♍23'10	1.43351 AU
	-4937 Nov 01 j 14:57	0°♎	
superior conj	-4937 Nov 07 j 07:06	9°♎16'33	-1°-25'-24
minimum elong	-4937 Nov 07 j 00:46	8°♎50'23	1°24'50
	-4937 Nov 19 j 10:19	0°♏	
evening rise	-4937 Nov 19 j 19:21	0°♏39'32	
evening max el	-4937 Dec 07 j 03:24	27°♏44'22	18°09'48
asc. node	-4937 Dec 07 j 02:46	27°♏42'46	
	-4937 Dec 09 j 21:09	0°♐	
retrograde	-4937 Dec 13 j 17:21	1°♐13'45	
evening set	-4937 Dec 16 j 10:11	0°♐37'28	
	-4937 Dec 17 j 14:37	30°℞♏	
inferior conj	-4937 Dec 22 j 21:03	25°♏22'12	3°53'28
minimum elong	-4937 Dec 22 j 18:43	25°♏28'18	3°52'58
min. Earth dist.	-4937 Dec 25 j 13:15	22°♏36'14	0.62613 AU
morning rise	-4937 Dec 29 j 01:21	19°♏29'36	
direct	-4936 Jan 05 j 03:15	16°♏50'33	
morning max el	-4936 Jan 18 j 23:48	24°♏32'21	27°41'33
desc. node	-4936 Jan 19 j 07:20	24°♏51'00	
	-4936 Jan 24 j 00:11	0°♐	
	-4936 Feb 13 j 00:49	0°♑	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning set	-4936 Feb 21 j 15:02	16°♑21'42	
max. Earth dist.	-4936 Feb 27 j 07:30	28°♑13'34	1.33010 AU
	-4936 Feb 28 j 03:20	0°♒	
superior conj	-4936 Feb 29 j 03:07	2°♒08'11	0°-39'-55
minimum elong	-4936 Feb 29 j 04:51	2°♒17'35	0°39'49
asc. node	-4936 Mar 04 j 01:55	10°♒41'22	
evening rise	-4936 Mar 07 j 05:18	17°♒23'38	
	-4936 Mar 13 j 12:21	0°♓	
evening max el	-4936 Mar 31 j 11:26	25°♓51'07	23°56'09
	-4936 Apr 05 j 16:53	0°♈	
retrograde	-4936 Apr 14 j 05:11	2°♈42'28	
desc. node	-4936 Apr 16 j 06:04	2°♈33'08	
evening set	-4936 Apr 18 j 07:58	2°♈05'00	
	-4936 Apr 23 j 02:35	30°℞♓	
min. Earth dist.	-4936 Apr 24 j 23:11	28°♓55'28	0.56333 AU
inferior conj	-4936 Apr 27 j 06:55	27°♓29'56	-2°-47'-6
minimum elong	-4936 Apr 27 j 01:17	27°♓38'38	2°45'41
morning rise	-4936 May 05 j 22:21	23°♓27'47	
direct	-4936 May 08 j 09:00	23°♓12'14	
morning max el	-4936 May 18 j 07:09	27°♓49'07	19°50'39
	-4936 May 20 j 10:06	0°♈	
asc. node	-4936 May 31 j 01:46	16°♈19'58	
morning set	-4936 Jun 05 j 01:13	26°♈02'47	
	-4936 Jun 07 j 00:08	0°♉	
superior conj	-4936 Jun 13 j 01:26	12°♉13'15	1°40'43
minimum elong	-4936 Jun 12 j 23:13	12°♉02'09	1°40'43
max. Earth dist.	-4936 Jun 18 j 13:33	22°♉54'24	1.37026 AU
	-4936 Jun 22 j 09:34	0°♊	
evening rise	-4936 Jun 22 j 13:05	0°♊15'52	
	-4936 Jul 10 j 19:04	0°♋	
desc. node	-4936 Jul 13 j 04:33	3°♋26'23	
evening max el	-4936 Jul 28 j 09:43	22°♋08'06	25°35'47
retrograde	-4936 Aug 09 j 13:14	29°♋08'51	
evening set	-4936 Aug 15 j 14:22	26°♋34'08	
min. Earth dist.	-4936 Aug 19 j 23:05	21°♋42'33	0.66727 AU
inferior conj	-4936 Aug 21 j 01:32	20°♋17'14	-1°-56'-21
minimum elong	-4936 Aug 21 j 04:07	20°♋08'54	1°55'09
morning rise	-4936 Aug 26 j 18:24	14°♋17'29	
asc. node	-4936 Aug 27 j 01:13	14°♋07'01	
direct	-4936 Aug 30 j 02:09	13°♋13'30	
morning max el	-4936 Sep 06 j 07:47	17°♋22'15	19°27'52
greatest brilliancy	-4936 Sep 15 j 17:21	29°♋36'35	-0.7m
	-4936 Sep 15 j 23:43	0°♌	
morning set	-4936 Sep 30 j 06:27	21°♌56'50	
	-4936 Oct 05 j 10:07	0°♍	
desc. node	-4936 Oct 09 j 04:14	5°♍53'23	
max. Earth dist.	-4936 Oct 13 j 20:26	13°♍15'58	1.44419 AU
superior conj	-4936 Oct 17 j 00:05	18°♍16'41	0°-48'00
minimum elong	-4936 Oct 16 j 18:31	17°♍54'29	0°47'16
	-4936 Oct 24 j 06:31	0°♎	
evening rise	-4936 Oct 31 j 12:25	11°♎56'48	
	-4936 Nov 11 j 11:42	0°♏	
evening max el	-4936 Nov 19 j 16:06	11°♏06'00	18°27'25
asc. node	-4936 Nov 22 j 23:54	13°♏47'30	
retrograde	-4936 Nov 26 j 06:42	14°♏45'00	
evening set	-4936 Nov 29 j 03:43	13°♏59'41	
inferior conj	-4936 Dec 05 j 05:42	8°♏25'20	3°25'17
minimum elong	-4936 Dec 05 j 02:31	8°♏34'31	3°24'25
min. Earth dist.	-4936 Dec 07 j 07:23	6°♏02'34	0.64233 AU
morning rise	-4936 Dec 11 j 00:00	2°♏22'13	
	-4936 Dec 15 j 02:12	30°℞♎	
direct	-4936 Dec 17 j 21:24	29°♎32'55	
	-4936 Dec 20 j 19:55	0°♏	
morning max el	-4936 Dec 31 j 08:40	7°♏13'07	27°22'35

desc. node	-4935 Jan 05 j 04:19	12°♏27'31	
	-4935 Jan 18 j 00:24	0°♐	
morning set	-4935 Feb 04 j 09:55	0°♑23'38	
	-4935 Feb 04 j 05:05	0°♑	
max. Earth dist.	-4935 Feb 09 j 09:23	10°♑27'10	1.33765 AU
superior conj	-4935 Feb 12 j 09:22	16°♑44'53	-1°-3'-15
minimum elong	-4935 Feb 12 j 11:57	16°♑58'32	1°03'04
asc. node	-4935 Feb 18 j 22:56	0°♒43'19	
	-4935 Feb 18 j 14:43	0°♒	
evening rise	-4935 Feb 19 j 16:22	2°♒14'50	
	-4935 Mar 07 j 10:25	0°♓	
evening max el	-4935 Mar 13 j 05:14	6°♓36'45	22°22'03
retrograde	-4935 Mar 26 j 01:17	12°♓51'21	
evening set	-4935 Mar 29 j 01:30	12°♓31'24	
desc. node	-4935 Apr 03 j 03:14	10°♓39'35	
min. Earth dist.	-4935 Apr 06 j 13:23	8°♓49'03	0.55364 AU
inferior conj	-4935 Apr 07 j 08:52	8°♓21'24	-1°-9'-5
minimum elong	-4935 Apr 07 j 05:46	8°♓25'48	1°08'10
morning rise	-4935 Apr 16 j 11:53	4°♓23'26	
direct	-4935 Apr 19 j 02:13	4°♓08'01	
morning max el	-4935 Apr 30 j 16:53	9°♓35'26	21°07'35
	-4935 May 14 j 21:48	0°♈	
asc. node	-4935 May 17 j 22:43	5°♈53'02	
morning set	-4935 May 20 j 08:29	10°♈45'42	
superior conj	-4935 May 27 j 21:44	26°♈27'04	1°26'41
minimum elong	-4935 May 27 j 19:01	26°♈13'00	1°26'28
	-4935 May 29 j 15:20	0°♉	
max. Earth dist.	-4935 May 31 j 23:43	4°♉43'36	1.35433 AU
evening rise	-4935 Jun 05 j 10:25	13°♉21'14	
	-4935 Jun 14 j 18:38	0°♊	
desc. node	-4935 Jun 30 j 01:40	23°♊00'39	
	-4935 Jul 05 j 15:40	0°♋	
evening max el	-4935 Jul 10 j 20:34	5°♋36'16	26°36'21
retrograde	-4935 Jul 23 j 18:19	12°♋54'05	
evening set	-4935 Jul 30 j 08:54	10°♋08'28	
min. Earth dist.	-4935 Aug 03 j 09:24	5°♋55'53	0.65876 AU
inferior conj	-4935 Aug 05 j 00:36	3°♋57'21	-2°-43'-28
minimum elong	-4935 Aug 05 j 03:57	3°♋47'11	2°42'11
	-4935 Aug 08 j 14:06	30°℞♊	
morning rise	-4935 Aug 10 j 23:59	28°♊10'15	
direct	-4935 Aug 13 j 23:42	27°♊19'50	
asc. node	-4935 Aug 13 j 22:17	27°♊19'51	
	-4935 Aug 19 j 14:14	0°♋	
morning max el	-4935 Aug 20 j 17:29	1°♋05'03	18°40'35
	-4935 Sep 09 j 08:03	0°♌	
morning set	-4935 Sep 10 j 06:42	1°♌31'09	
superior conj	-4935 Sep 26 j 00:19	26°♌32'59	0°00'13
minimum elong	-4935 Sep 26 j 00:21	26°♌33'09	0°00'22
behind sun begin	-4935 Sep 25 j 12:58	25°♌48'14	
behind sun end	-4935 Sep 26 j 11:45	27°♌18'04	
desc. node	-4935 Sep 26 j 01:09	26°♌36'18	
max. Earth dist.	-4935 Sep 26 j 14:00	27°♌26'56	1.44791 AU
	-4935 Sep 28 j 04:51	0°♍	
evening rise	-4935 Oct 12 j 04:53	22°♍09'25	
	-4935 Oct 17 j 03:00	0°♎	
evening max el	-4935 Nov 03 j 02:47	24°♎31'32	19°02'38
asc. node	-4935 Nov 09 j 21:03	28°♎28'54	
retrograde	-4935 Nov 10 j 01:15	28°♎29'04	
evening set	-4935 Nov 13 j 04:21	27°♎32'32	
inferior conj	-4935 Nov 18 j 23:26	21°♎42'21	2°46'30
minimum elong	-4935 Nov 18 j 20:16	21°♎52'12	2°45'28
min. Earth dist.	-4935 Nov 20 j 11:04	19°♎51'13	0.65511 AU
morning rise	-4935 Nov 24 j 11:13	15°♎31'22	
direct	-4935 Nov 30 j 21:58	12°♎45'18	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning max el	-4935 Dec 13 j 18:31	20°♎14'51	26°33'32
	-4935 Dec 22 j 05:32	0°♏	
desc. node	-4935 Dec 23 j 01:17	1°♏04'00	
	-4934 Jan 11 j 02:11	0°♐	
morning set	-4934 Jan 18 j 17:08	13°♐45'24	
max. Earth dist.	-4934 Jan 23 j 00:16	22°♐04'44	1.34953 AU
	-4934 Jan 26 j 22:23	0°♑	
superior conj	-4934 Jan 27 j 09:51	0°♑59'00	-1°-24'-6
minimum elong	-4934 Jan 27 j 12:50	1°♑14'25	1°23'59
evening rise	-4934 Feb 04 j 01:07	16°♑52'47	
asc. node	-4934 Feb 05 j 19:57	20°♑31'44	
	-4934 Feb 10 j 17:29	0°♒	
evening max el	-4934 Feb 23 j 06:24	17°♒43'28	20°55'30
retrograde	-4934 Mar 06 j 15:11	23°♒07'58	
evening set	-4934 Mar 09 j 01:47	22°♒53'56	
inferior conj	-4934 Mar 18 j 04:22	18°♒55'53	0°46'32
minimum elong	-4934 Mar 18 j 06:27	18°♒52'53	0°45'38
min. Earth dist.	-4934 Mar 19 j 03:39	18°♒22'30	0.55282 AU
desc. node	-4934 Mar 21 j 00:22	17°♒20'03	
morning rise	-4934 Mar 27 j 09:54	14°♒44'00	
direct	-4934 Mar 30 j 14:22	14°♒21'52	
morning max el	-4934 Apr 12 j 16:15	20°♒42'09	22°39'50
	-4934 Apr 20 j 11:50	0°♓	
morning set	-4934 May 04 j 19:08	25°♓41'46	
asc. node	-4934 May 04 j 19:40	25°♓44'34	
	-4934 May 06 j 20:16	0°♈	
superior conj	-4934 May 12 j 01:15	11°♈04'50	1°08'17
minimum elong	-4934 May 11 j 22:42	10°♈51'18	1°07'55
max. Earth dist.	-4934 May 14 j 19:49	16°♈54'04	1.34195 AU
evening rise	-4934 May 19 j 21:59	27°♈11'43	
	-4934 May 21 j 08:37	0°♉	
	-4934 Jun 08 j 01:19	0°♊	
desc. node	-4934 Jun 16 j 22:46	11°♊56'46	
evening max el	-4934 Jun 23 j 07:43	18°♊55'05	27°14'56
retrograde	-4934 Jul 06 j 18:13	26°♊20'08	
evening set	-4934 Jul 13 j 18:15	23°♊33'48	
min. Earth dist.	-4934 Jul 17 j 12:00	19°♊58'38	0.64645 AU
inferior conj	-4934 Jul 19 j 17:04	17°♊31'22	-3°-24'-24
minimum elong	-4934 Jul 19 j 20:38	17°♊21'27	3°23'19
morning rise	-4934 Jul 26 j 00:30	11°♊59'51	
direct	-4934 Jul 28 j 18:26	11°♊19'55	
asc. node	-4934 Jul 31 j 19:20	12°♊08'09	
morning max el	-4934 Aug 04 j 06:59	14°♊50'16	18°10'04
	-4934 Aug 15 j 00:20	0°♋	
morning set	-4934 Aug 22 j 10:06	12°♋23'21	
	-4934 Sep 02 j 01:22	0°♌	
superior conj	-4934 Sep 05 j 05:56	5°♌09'15	0°47'08
minimum elong	-4934 Sep 05 j 11:06	5°♌30'00	0°46'43
max. Earth dist.	-4934 Sep 09 j 07:16	11°♌37'41	1.44441 AU
desc. node	-4934 Sep 12 j 22:03	17°♌20'21	
	-4934 Sep 21 j 00:39	0°♍	
evening rise	-4934 Sep 21 j 21:16	1°♍20'00	
greatest brilliancy	-4934 Oct 09 j 18:49	28°♍24'02	-0.6m
	-4934 Oct 10 j 22:18	0°♎	
evening max el	-4934 Oct 17 j 09:17	7°♎58'27	19°53'54
retrograde	-4934 Oct 24 j 22:07	12°♎22'18	
asc. node	-4934 Oct 27 j 18:11	11°♎35'29	
evening set	-4934 Oct 28 j 09:35	11°♎11'48	
inferior conj	-4934 Nov 02 j 23:29	5°♎09'08	2°00'45
minimum elong	-4934 Nov 02 j 20:56	5°♎17'33	1°59'49
min. Earth dist.	-4934 Nov 03 j 22:28	3°♎53'15	0.66445 AU
	-4934 Nov 07 j 03:55	30°℞♍	
morning rise	-4934 Nov 08 j 07:37	28°♍53'12	
direct	-4934 Nov 14 j 04:22	26°♍20'20	
	-4934 Nov 22 j 08:45	0°♎	
morning max el	-4934 Nov 26 j 03:35	3°♎25'56	25°22'37
desc. node	-4934 Dec 09 j 22:15	20°♎23'01	
	-4934 Dec 16 j 12:21	0°♏	
morning set	-4933 Jan 01 j 07:53	26°♏12'54	
	-4933 Jan 03 j 09:41	0°♐	
max. Earth dist.	-4933 Jan 05 j 03:31	3°♐14'42	1.36579 AU
superior conj	-4933 Jan 11 j 01:47	14°♐42'39	-1°-40'-47
minimum elong	-4933 Jan 11 j 04:29	14°♐56'01	1°40'50
	-4933 Jan 18 j 15:25	0°♑	
evening rise	-4933 Jan 19 j 05:36	1°♑11'42	
asc. node	-4933 Jan 23 j 17:01	10°♑01'09	
evening max el	-4933 Feb 05 j 18:00	29°♑24'50	19°44'21
	-4933 Feb 06 j 09:19	0°♒	
retrograde	-4933 Feb 15 j 10:21	3°♒59'41	
evening set	-4933 Feb 17 j 18:48	3°♒44'42	
	-4933 Feb 25 j 19:53	30°℞♑	
inferior conj	-4933 Feb 26 j 07:29	29°♑41'46	2°27'46
minimum elong	-4933 Feb 26 j 12:34	29°♑33'45	2°26'07
min. Earth dist.	-4933 Feb 28 j 18:11	28°♑09'46	0.56115 AU
morning rise	-4933 Mar 07 j 02:59	25°♑02'59	
desc. node	-4933 Mar 07 j 21:32	24°♑49'38	
direct	-4933 Mar 11 j 10:09	24°♑21'36	
	-4933 Mar 23 j 20:32	0°♒	
morning max el	-4933 Mar 25 j 08:27	1°♒21'55	24°18'33
	-4933 Apr 13 j 23:24	0°♓	
morning set	-4933 Apr 19 j 07:19	10°♓44'21	
asc. node	-4933 Apr 21 j 16:38	15°♓48'28	
superior conj	-4933 Apr 26 j 09:27	25°♓57'38	0°46'52
minimum elong	-4933 Apr 26 j 07:31	25°♓47'12	0°46'27
max. Earth dist.	-4933 Apr 28 j 01:03	29°♓30'37	1.33327 AU
	-4933 Apr 28 j 06:32	0°♈	
evening rise	-4933 May 03 j 19:37	11°♈33'45	
	-4933 May 13 j 14:50	0°♉	
desc. node	-4933 Jun 03 j 19:55	29°♉58'03	
	-4933 Jun 03 j 20:39	0°♊	
evening max el	-4933 Jun 05 j 17:26	1°♊52'10	27°25'00
retrograde	-4933 Jun 19 j 12:04	9°♊17'24	
evening set	-4933 Jun 26 j 14:59	6°♊43'43	
min. Earth dist.	-4933 Jun 30 j 05:17	3°♊39'31	0.63044 AU
inferior conj	-4933 Jul 03 j 00:07	0°♊52'55	-3°-55'-40
minimum elong	-4933 Jul 03 j 03:00	0°♊45'44	3°55'02
	-4933 Jul 03 j 21:28	30°℞♉	
morning rise	-4933 Jul 09 j 17:09	25°♉39'55	
direct	-4933 Jul 12 j 07:28	25°♉07'52	
asc. node	-4933 Jul 18 j 16:23	28°♉18'58	
morning max el	-4933 Jul 18 j 21:41	28°♉31'51	17°57'22
	-4933 Jul 20 j 06:39	0°♊	
morning set	-4933 Aug 04 j 13:27	24°♊23'48	
	-4933 Aug 07 j 17:59	0°♋	
superior conj	-4933 Aug 16 j 10:46	14°♋54'33	1°22'16
minimum elong	-4933 Aug 16 j 16:24	15°♋18'10	1°21'59
max. Earth dist.	-4933 Aug 22 j 21:34	25°♋30'55	1.43423 AU
	-4933 Aug 25 j 16:37	0°♌	
desc. node	-4933 Aug 30 j 18:59	8°♌02'15	
evening rise	-4933 Sep 01 j 00:48	9°♌58'09	
	-4933 Sep 14 j 06:20	0°♍	
greatest brilliancy	-4933 Sep 24 j 19:37	14°♍48'47	-0.5m
evening max el	-4933 Sep 30 j 09:59	21°♍24'24	20°58'59
retrograde	-4933 Oct 08 j 19:02	26°♍21'30	
evening set	-4933 Oct 12 j 17:12	24°♍54'08	
asc. node	-4933 Oct 14 j 15:21	23°♍08'10	
inferior conj	-4933 Oct 18 j 03:33	18°♍42'19	1°10'36
minimum elong	-4933 Oct 18 j 01:58	18°♍47'43	1°10'02

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

min. Earth dist.	-4933 Oct 18 j 15:14	18°♍02'28	0.67049 AU	
morning rise	-4933 Oct 23 j 10:20	12°♍24'25		
direct	-4933 Oct 28 j 15:49	10°♍10'48		
morning max el	-4933 Nov 08 j 12:21	16°♍39'46	23°59'32	
	-4933 Nov 19 j 13:33	0°♎		
desc. node	-4933 Nov 26 j 19:11	10°♎11'59		
	-4933 Dec 09 j 12:58	0°♏		
morning set	-4933 Dec 14 j 00:11	7°♏29'55		
max. Earth dist.	-4933 Dec 18 j 00:05	14°♏28'26	1.38535 AU	
superior conj	-4933 Dec 25 j 05:29	27°♏45'36	-1°-51'-2	
minimum elong	-4933 Dec 25 j 06:48	27°♏51'53	1°51'14	
	-4933 Dec 26 j 09:41	0°♐		
evening rise	-4932 Jan 03 j 03:28	15°♐05'31		
asc. node	-4932 Jan 10 j 14:06	29°♐04'57		
	-4932 Jan 11 j 02:52	0°♑		
evening max el	-4932 Jan 19 j 15:36	11°♑41'08	18°52'13	
retrograde	-4932 Jan 27 j 21:33	15°♑39'07		
evening set	-4932 Jan 30 j 07:59	15°♑19'48		
inferior conj	-4932 Feb 07 j 04:16	10°♑59'56	3°33'38	
minimum elong	-4932 Feb 07 j 08:21	10°♑52'31	3°32'41	
min. Earth dist.	-4932 Feb 10 j 09:51	8°♑40'14	0.57655 AU	
morning rise	-4932 Feb 15 j 05:04	5°♑53'07		
direct	-4932 Feb 20 j 18:24	4°♑38'50		
desc. node	-4932 Feb 22 j 18:41	4°♑48'37		
morning max el	-4932 Mar 05 j 23:38	12°♑01'28	25°50'08	
	-4932 Mar 19 j 22:00	0°♒		
morning set	-4932 Apr 02 j 19:22	25°♒47'26		
	-4932 Apr 04 j 19:01	0°♓		
asc. node	-4932 Apr 07 j 13:37	6°♓00'05		
superior conj	-4932 Apr 09 j 20:21	10°♓58'41	0°23'28	
minimum elong	-4932 Apr 09 j 19:20	10°♓53'08	0°23'08	
max. Earth dist.	-4932 Apr 10 j 12:26	12°♓26'23	1.32807 AU	
evening rise	-4932 Apr 17 j 00:07	26°♓16'45		
	-4932 Apr 18 j 19:55	0°♈		
	-4932 May 06 j 04:26	0°♉		
evening max el	-4932 May 17 j 23:13	14°♉15'24	27°02'32	
desc. node	-4932 May 20 j 17:04	16°♉41'22		
retrograde	-4932 May 31 j 22:47	21°♉37'37		
evening set	-4932 Jun 07 j 19:04	19°♉30'14		
min. Earth dist.	-4932 Jun 11 j 12:42	16°♉44'57	0.61146 AU	
inferior conj	-4932 Jun 14 j 18:30	13°♉54'27	-4°-12'00	
minimum elong	-4932 Jun 14 j 19:26	13°♉52'23	4°11'47	
morning rise	-4932 Jun 21 j 22:43	9°♉02'29		
direct	-4932 Jun 24 j 11:05	8°♉36'29		
morning max el	-4932 Jul 01 j 10:55	12°♉03'50	18°03'26	
asc. node	-4932 Jul 04 j 13:26	15°♉36'51		
	-4932 Jul 13 j 11:31	0°♊		
morning set	-4932 Jul 17 j 11:25	7°♊18'36		
superior conj	-4932 Jul 27 j 19:15	26°♊02'25	1°42'26	
minimum elong	-4932 Jul 27 j 22:26	26°♊16'23	1°42'31	
	-4932 Jul 30 j 01:41	0°♋		
max. Earth dist.	-4932 Aug 04 j 06:58	8°♋51'59	1.41874 AU	
evening rise	-4932 Aug 10 j 11:47	18°♋58'41		
desc. node	-4932 Aug 16 j 15:57	28°♋38'41		
	-4932 Aug 17 j 13:11	0°♌		
greatest brilliancy	-4932 Sep 07 j 10:54	29°♌28'53	-0.3m	
	-4932 Sep 07 j 21:09	0°♍		
evening max el	-4932 Sep 12 j 04:24	4°♍49'02	22°14'20	
retrograde	-4932 Sep 21 j 14:18	10°♍24'18		
evening set	-4932 Sep 26 j 01:18	8°♍37'43		
asc. node	-4932 Sep 30 j 12:31	3°♍32'52		
inferior conj	-4932 Oct 01 j 09:42	2°♍20'02	0°18'02	
minimum elong	-4932 Oct 01 j 09:17	2°♍21'29	0°18'00	
min. Earth dist.	-4932 Oct 01 j 10:54	2°♍15'55	0.67348 AU	
	-4932 Oct 03 j 02:55	30°℞♌		
morning rise	-4932 Oct 06 j 17:07	26°♌03'09		
direct	-4932 Oct 11 j 07:35	24°♌11'01		
morning max el	-4932 Oct 20 j 23:35	29°♌56'49	22°33'32	
	-4932 Oct 21 j 00:50	0°♍		
greatest brilliancy	-4932 Oct 25 j 16:53	5°♍16'17	-0.3m	
	-4932 Nov 12 j 10:20	0°♎		
desc. node	-4932 Nov 12 j 16:04	0°♎21'40		
morning set	-4932 Nov 23 j 12:39	17°♎23'41		
max. Earth dist.	-4932 Nov 28 j 21:52	26°♎20'21	1.40592 AU	
	-4932 Dec 01 j 01:15	0°♏		
superior conj	-4932 Dec 06 j 15:57	9°♏53'44	-1°-51'-51	
minimum elong	-4932 Dec 06 j 14:36	9°♏47'38	1°52'00	
evening rise	-4932 Dec 16 j 15:45	28°♏26'08		
	-4932 Dec 17 j 11:41	0°♐		
asc. node	-4932 Dec 27 j 11:13	17°♐33'58		
evening max el	-4931 Jan 01 j 20:57	24°♐24'42	18°20'08	
retrograde	-4931 Jan 09 j 03:23	28°♐01'22		
evening set	-4931 Jan 11 j 15:59	27°♐36'21		
inferior conj	-4931 Jan 18 j 21:21	22°♐54'54	4°02'42	
minimum elong	-4931 Jan 18 j 22:33	22°♐52'22	4°02'23	
min. Earth dist.	-4931 Jan 22 j 05:24	20°♐07'05	0.59571 AU	
morning rise	-4931 Jan 26 j 02:01	17°♐25'33		
direct	-4931 Feb 01 j 14:29	15°♐32'28		
desc. node	-4931 Feb 08 j 15:48	17°♐34'55		
morning max el	-4931 Feb 15 j 19:21	23°♐06'49	26°59'45	
	-4931 Feb 21 j 23:47	0°♑		
	-4931 Mar 12 j 20:48	0°♒		
morning set	-4931 Mar 18 j 05:26	10°♒43'30		
superior conj	-4931 Mar 25 j 08:07	26°♒00'36	0°-1'-4	
minimum elong	-4931 Mar 25 j 08:10	26°♒00'54	0°01'14	
behind sun begin	-4931 Mar 25 j 03:11	25°♒33'37		
behind sun end	-4931 Mar 25 j 13:10	26°♒28'11		
max. Earth dist.	-4931 Mar 25 j 02:05	25°♒27'35	1.32614 AU	
asc. node	-4931 Mar 25 j 10:36	26°♒14'11		
	-4931 Mar 27 j 03:54	0°♓		
evening rise	-4931 Apr 01 j 08:55	11°♓10'50		
	-4931 Apr 11 j 02:33	0°♈		
evening max el	-4931 Apr 29 j 22:51	25°♈56'14	26°08'12	
	-4931 May 04 j 21:43	0°♉		
desc. node	-4931 May 07 j 14:16	1°♉34'46		
retrograde	-4931 May 14 j 01:00	3°♉13'42		
evening set	-4931 May 20 j 02:50	1°♉42'34		
	-4931 May 23 j 01:03	30°℞♈		
min. Earth dist.	-4931 May 24 j 11:32	28°♈59'38	0.59106 AU	
inferior conj	-4931 May 27 j 20:26	26°♈25'58	-4°-5'-40	
minimum elong	-4931 May 27 j 18:16	26°♈30'06	4°05'25	
morning rise	-4931 Jun 04 j 13:32	21°♈56'14		
direct	-4931 Jun 07 j 00:48	21°♈35'14		
morning max el	-4931 Jun 14 j 19:51	25°♈18'01	18°29'12	
	-4931 Jun 18 j 20:52	0°♉		
asc. node	-4931 Jun 21 j 10:27	3°♉46'47		
morning set	-4931 Jun 30 j 23:06	20°♉55'21		
	-4931 Jul 05 j 16:39	0°♊		
superior conj	-4931 Jul 10 j 03:26	8°♊22'24	1°49'23	
minimum elong	-4931 Jul 10 j 03:49	8°♊24'14	1°49'37	
max. Earth dist.	-4931 Jul 17 j 10:46	21°♊29'47	1.39999 AU	
evening rise	-4931 Jul 21 j 21:43	29°♊05'28		
	-4931 Jul 22 j 10:49	0°♋		
desc. node	-4931 Aug 03 j 12:57	19°♋05'54		
	-4931 Aug 11 j 01:11	0°♌		
evening max el	-4931 Aug 25 j 17:39	18°♌14'08	23°34'54	
retrograde	-4931 Sep 05 j 06:44	24°♌28'16		
evening set	-4931 Sep 10 j 08:06	22°♌21'35		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

inferior conj	-4931 Sep 15 j 16:11	16♌01'23	0°-35'-10
minimum elong	-4931 Sep 15 j 16:59	15♌58'37	0°34'38
min. Earth dist.	-4931 Sep 15 j 07:07	16♌32'25	0.67350 AU
asc. node	-4931 Sep 17 j 09:40	13♌42'14	
morning rise	-4931 Sep 21 j 01:59	9♌48'34	
direct	-4931 Sep 25 j 02:50	8♌17'12	
morning max el	-4931 Oct 03 j 16:18	13♌20'39	21°12'30
greatest brilliancy	-4931 Oct 09 j 03:37	19♌43'50	-0.5m
	-4931 Oct 16 j 15:35	0°♍	
desc. node	-4931 Oct 30 j 12:56	20°♍46'06	
morning set	-4931 Nov 02 j 22:43	26°♍04'15	
	-4931 Nov 05 j 10:30	0°♎	
max. Earth dist.	-4931 Nov 11 j 01:39	9°♎04'04	1.42459 AU
superior conj	-4931 Nov 18 j 03:29	20°♎53'08	-1°-39'-37
minimum elong	-4931 Nov 17 j 22:39	20°♎32'34	1°39'22
	-4931 Nov 23 j 09:36	0°♏	
evening rise	-4931 Nov 29 j 14:48	11°♏05'55	
	-4931 Dec 10 j 13:12	0°♐	
asc. node	-4931 Dec 14 j 08:21	5°♐17'29	
evening max el	-4931 Dec 16 j 07:20	7°♐28'10	18°08'01
retrograde	-4931 Dec 23 j 00:50	10°♐57'06	
evening set	-4931 Dec 25 j 15:45	10°♐25'26	
inferior conj	-4930 Jan 01 j 08:41	5°♐22'11	4°02'56
minimum elong	-4930 Jan 01 j 07:19	5°♐25'29	4°02'36
min. Earth dist.	-4930 Jan 04 j 08:23	2°♐29'21	0.61544 AU
	-4930 Jan 07 j 07:23	30°℞♏	
morning rise	-4930 Jan 07 j 20:34	29°♏36'32	
direct	-4930 Jan 14 j 20:43	27°♏10'17	
	-4930 Jan 22 j 23:50	0°♐	
desc. node	-4930 Jan 26 j 12:52	2°♐41'23	
morning max el	-4930 Jan 28 j 21:25	4°♐51'23	27°36'42
	-4930 Feb 16 j 17:21	0°♑	
morning set	-4930 Mar 02 j 11:35	25°♑25'21	
	-4930 Mar 04 j 16:32	0°♒	
max. Earth dist.	-4930 Mar 08 j 14:05	8°♒19'55	1.32758 AU
superior conj	-4930 Mar 09 j 19:08	10°♒57'38	0°-25'-52
minimum elong	-4930 Mar 09 j 20:17	11°♒03'54	0°25'51
asc. node	-4930 Mar 12 j 07:35	16°♒26'48	
evening rise	-4930 Mar 16 j 19:58	26°♒08'45	
	-4930 Mar 18 j 16:28	0°♓	
	-4930 Apr 05 j 11:18	0°♈	
evening max el	-4930 Apr 11 j 16:45	6°♈59'24	24°48'38
desc. node	-4930 Apr 24 j 11:29	14°♈01'34	
retrograde	-4930 Apr 25 j 16:47	14°♈05'03	
evening set	-4930 Apr 30 j 13:39	13°♈10'50	
min. Earth dist.	-4930 May 06 j 05:01	10°♈14'13	0.57214 AU
inferior conj	-4930 May 09 j 02:53	8°♈18'54	-3°-27'-1
minimum elong	-4930 May 08 j 21:47	8°♈27'22	3°26'01
morning rise	-4930 May 17 j 10:11	4°♈08'49	
direct	-4930 May 19 j 20:32	3°♈51'53	
morning max el	-4930 May 28 j 21:36	8°♈04'54	19°15'07
asc. node	-4930 Jun 08 j 07:25	22°♈36'20	
	-4930 Jun 12 j 06:40	0°♉	
morning set	-4930 Jun 14 j 20:38	5°♉03'45	
superior conj	-4930 Jun 23 j 05:22	21°♉37'22	1°46'07
minimum elong	-4930 Jun 23 j 03:49	21°♉29'48	1°46'16
	-4930 Jun 27 j 14:54	0°♊	
max. Earth dist.	-4930 Jun 29 j 11:56	3°♊28'06	1.38064 AU
evening rise	-4930 Jul 03 j 10:03	10°♊30'10	
	-4930 Jul 15 j 05:16	0°♋	
desc. node	-4930 Jul 21 j 10:00	9°♋18'24	
	-4930 Aug 06 j 12:39	0°♌	
evening max el	-4930 Aug 08 j 04:21	1°♌41'48	24°54'04
retrograde	-4930 Aug 19 j 19:19	8°♌29'00	
evening set	-4930 Aug 25 j 11:46	6°♌03'32	
min. Earth dist.	-4930 Aug 30 j 01:27	0°♌50'00	0.67045 AU
inferior conj	-4930 Aug 30 j 21:15	29°♋44'16	-1°-27'-24
minimum elong	-4930 Aug 30 j 23:14	29°♋37'41	1°26'24
	-4930 Aug 30 j 16:31	30°℞♋	
asc. node	-4930 Sep 04 j 06:46	24°♋34'55	
morning rise	-4930 Sep 05 j 11:05	23°♋38'39	
direct	-4930 Sep 09 j 00:21	22°♋25'38	
morning max el	-4930 Sep 16 j 15:59	26°♋52'23	20°02'01
	-4930 Sep 19 j 10:47	0°♌	
greatest brilliancy	-4930 Sep 24 j 01:49	6°♌03'50	-0.6m
	-4930 Oct 10 j 02:33	0°♍	
morning set	-4930 Oct 12 j 21:18	4°♍17'58	
desc. node	-4930 Oct 17 j 09:47	11°♍20'20	
max. Earth dist.	-4930 Oct 24 j 12:11	22°♍33'19	1.43879 AU
superior conj	-4930 Oct 29 j 11:36	0°♎34'22	-1°-11'-22
minimum elong	-4930 Oct 29 j 04:56	0°♎07'19	1°10'39
	-4930 Oct 29 j 03:08	0°♎	
evening rise	-4930 Nov 11 j 20:05	22°♎55'07	
	-4930 Nov 15 j 23:14	0°♏	
evening max el	-4930 Nov 29 j 19:58	20°♏44'22	18°15'08
asc. node	-4930 Dec 01 j 05:28	22°♏02'05	
retrograde	-4930 Dec 06 j 09:22	24°♏16'47	
evening set	-4930 Dec 09 j 03:42	23°♏37'02	
inferior conj	-4930 Dec 15 j 10:34	18°♏13'35	3°43'06
minimum elong	-4930 Dec 15 j 07:45	18°♏21'17	3°42'25
min. Earth dist.	-4930 Dec 17 j 20:49	15°♏35'37	0.63338 AU
morning rise	-4930 Dec 21 j 10:06	12°♏16'02	
direct	-4930 Dec 28 j 11:06	9°♏30'25	
morning max el	-4929 Jan 11 j 04:21	17°♏13'14	27°37'33
desc. node	-4929 Jan 13 j 09:53	19°♏31'35	
	-4929 Jan 21 j 21:53	0°♐	
	-4929 Feb 09 j 10:27	0°♑	
morning set	-4929 Feb 14 j 11:25	9°♑44'34	
max. Earth dist.	-4929 Feb 19 j 20:33	20°♑49'56	1.33271 AU
superior conj	-4929 Feb 22 j 03:41	25°♑43'43	0°-50'-2
minimum elong	-4929 Feb 22 j 05:49	25°♑55'09	0°49'53
	-4929 Feb 24 j 03:19	0°♒	
asc. node	-4929 Feb 27 j 04:34	6°♒33'55	
evening rise	-4929 Mar 01 j 07:31	11°♒04'06	
	-4929 Mar 11 j 03:28	0°♓	
evening max el	-4929 Mar 24 j 09:06	17°♓45'02	23°16'02
retrograde	-4929 Apr 06 j 19:56	24°♓23'02	
evening set	-4929 Apr 10 j 09:51	23°♓55'00	
desc. node	-4929 Apr 11 j 08:40	23°♓38'35	
min. Earth dist.	-4929 Apr 17 j 20:11	20°♓33'03	0.55817 AU
inferior conj	-4929 Apr 19 j 13:55	19°♓31'30	-2°-9'-29
minimum elong	-4929 Apr 19 j 08:49	19°♓39'04	2°08'03
morning rise	-4929 Apr 28 j 10:54	15°♓32'43	
direct	-4929 Apr 30 j 22:07	15°♓17'48	
morning max el	-4929 May 11 j 13:41	20°♓15'44	20°21'05
	-4929 May 19 j 08:56	0°♈	
asc. node	-4929 May 26 j 04:22	11°♈56'15	
morning set	-4929 May 30 j 01:06	19°♈36'36	
	-4929 Jun 04 j 02:41	0°♉	
superior conj	-4929 Jun 06 j 20:09	5°♉33'32	1°35'24
minimum elong	-4929 Jun 06 j 17:37	5°♉20'42	1°35'18
max. Earth dist.	-4929 Jun 11 j 17:23	15°♉13'37	1.36310 AU
evening rise	-4929 Jun 15 j 21:02	23°♉04'06	
	-4929 Jun 19 j 17:23	0°♊	
desc. node	-4929 Jul 08 j 07:05	29°♊09'27	
	-4929 Jul 08 j 21:48	0°♋	
evening max el	-4929 Jul 21 j 15:05	15°♋12'22	26°03'47
retrograde	-4929 Aug 03 j 03:18	22°♋21'49	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening set	-4929 Aug 09 j 10:19	19°♋41'45	
min. Earth dist.	-4929 Aug 13 j 15:30	15°♋06'23	0.66411 AU
inferior conj	-4929 Aug 14 j 23:07	13°♋26'48	-2°-16'-57
minimum elong	-4929 Aug 15 j 02:05	13°♋17'28	2°15'40
morning rise	-4929 Aug 20 j 18:34	7°♋31'44	
asc. node	-4929 Aug 22 j 03:50	6°♋52'08	
direct	-4929 Aug 23 j 22:35	6°♋33'53	
morning max el	-4929 Aug 30 j 22:25	10°♋31'48	19°05'39
	-4929 Sep 13 j 22:21	0°♌	
morning set	-4929 Sep 22 j 07:41	13°♌11'04	
	-4929 Oct 02 j 23:57	0°♍	
desc. node	-4929 Oct 04 j 06:40	2°♍00'57	
max. Earth dist.	-4929 Oct 07 j 04:07	6°♍34'44	1.44671 AU
superior conj	-4929 Oct 08 j 19:18	9°♍09'34	0°-28'-14
minimum elong	-4929 Oct 08 j 15:43	8°♍55'24	0°27'40
	-4929 Oct 21 j 19:42	0°♎	
evening rise	-4929 Oct 24 j 02:57	3°♎44'48	
	-4929 Nov 09 j 20:51	0°♏	
evening max el	-4929 Nov 13 j 08:09	4°♏08'05	18°40'25
asc. node	-4929 Nov 18 j 02:35	7°♏32'51	
retrograde	-4929 Nov 20 j 01:10	7°♏53'34	
evening set	-4929 Nov 23 j 00:34	7°♏03'46	
inferior conj	-4929 Nov 28 j 23:24	1°♏22'31	3°09'50
minimum elong	-4929 Nov 28 j 20:09	1°♏32'16	3°08'52
	-4929 Nov 30 j 02:58	30°℞♎	
min. Earth dist.	-4929 Nov 30 j 19:02	29°♎12'25	0.64825 AU
morning rise	-4929 Dec 04 j 14:34	25°♎15'57	
direct	-4929 Dec 11 j 08:12	22°♎26'19	
morning max el	-4929 Dec 24 j 13:39	0°♏03'04	27°04'54
	-4929 Dec 24 j 12:24	0°♏	
desc. node	-4929 Dec 31 j 06:50	7°♏35'40	
	-4928 Jan 15 j 20:20	0°♐	
morning set	-4928 Jan 29 j 01:47	23°♐30'20	
	-4928 Feb 01 j 08:50	0°♑	
max. Earth dist.	-4928 Feb 02 j 17:48	2°♑46'49	1.34210 AU
superior conj	-4928 Feb 06 j 07:47	10°♑11'33	-1°-12'-29
minimum elong	-4928 Feb 06 j 10:36	10°♑26'20	1°12'20
evening rise	-4928 Feb 13 j 17:48	25°♑50'04	
asc. node	-4928 Feb 14 j 01:35	26°♑30'29	
	-4928 Feb 15 j 18:24	0°♒	
evening max el	-4928 Mar 05 j 05:39	28°♒37'33	21°43'53
	-4928 Mar 06 j 18:32	0°♓	
retrograde	-4928 Mar 17 j 11:46	4°♓31'04	
evening set	-4928 Mar 20 j 04:35	4°♓14'45	
desc. node	-4928 Mar 28 j 05:51	0°♓53'58	
inferior conj	-4928 Mar 29 j 11:30	0°♓12'25	0°-20'-23
minimum elong	-4928 Mar 29 j 10:33	0°♓13'46	0°20'13
min. Earth dist.	-4928 Mar 29 j 10:22	0°♓14'01	0.55213 AU
	-4928 Mar 29 j 20:20	30°℞♒	
morning rise	-4928 Apr 07 j 17:01	26°♒10'39	
direct	-4928 Apr 10 j 12:01	25°♒53'20	
	-4928 Apr 20 j 18:43	0°♓	
morning max el	-4928 Apr 22 j 18:41	1°♓43'56	21°45'15
	-4928 May 11 j 05:58	0°♈	
asc. node	-4928 May 12 j 01:20	1°♈37'57	
morning set	-4928 May 13 j 10:05	4°♈26'01	
superior conj	-4928 May 20 j 19:53	19°♈58'28	1°19'21
minimum elong	-4928 May 20 j 17:09	19°♈44'15	1°19'02
max. Earth dist.	-4928 May 24 j 08:00	27°♈11'43	1.34869 AU
	-4928 May 25 j 17:25	0°♉	
evening rise	-4928 May 29 j 01:04	6°♉30'36	
	-4928 Jun 11 j 09:29	0°♊	
desc. node	-4928 Jun 24 j 04:13	18°♊29'02	
evening max el	-4928 Jul 03 j 02:26	28°♊38'35	26°55'50
	-4928 Jul 04 j 13:15	0°♋	
retrograde	-4928 Jul 16 j 06:03	5°♋59'35	
evening set	-4928 Jul 23 j 01:18	3°♋12'31	
	-4928 Jul 26 j 07:21	30°℞♊	
min. Earth dist.	-4928 Jul 26 j 22:50	29°♊16'06	0.65407 AU
inferior conj	-4928 Jul 28 j 19:43	27°♊04'56	-3°-1'-46
minimum elong	-4928 Jul 28 j 23:14	26°♊54'36	3°00'32
morning rise	-4928 Aug 03 j 22:19	21°♊23'52	
direct	-4928 Aug 06 j 19:24	20°♊38'06	
asc. node	-4928 Aug 08 j 00:54	20°♊46'23	
morning max el	-4928 Aug 13 j 09:58	24°♊15'42	18°25'25
	-4928 Aug 18 j 02:11	0°♋	
morning set	-4928 Sep 01 j 19:35	23°♋19'10	
	-4928 Sep 05 j 21:54	0°♌	
superior conj	-4928 Sep 16 j 18:55	17°♌25'56	0°21'04
minimum elong	-4928 Sep 16 j 21:36	17°♌36'33	0°20'55
max. Earth dist.	-4928 Sep 18 j 22:23	20°♌49'24	1.44737 AU
desc. node	-4928 Sep 20 j 03:35	22°♌44'37	
	-4928 Sep 24 j 18:17	0°♍	
evening rise	-4928 Oct 03 j 08:39	13°♍29'48	
	-4928 Oct 13 j 22:11	0°♎	
greatest brilliancy	-4928 Oct 16 j 23:40	4°♎39'33	-0.7m
evening max el	-4928 Oct 26 j 17:22	17°♎34'56	19°22'38
retrograde	-4928 Nov 02 j 20:59	21°♎42'24	
asc. node	-4928 Nov 03 j 23:42	21°♎35'14	
evening set	-4928 Nov 06 j 03:29	20°♎40'04	
inferior conj	-4928 Nov 11 j 20:08	14°♎44'06	2°27'44
minimum elong	-4928 Nov 11 j 17:11	14°♎53'34	2°26'43
min. Earth dist.	-4928 Nov 13 j 02:08	13°♎08'02	0.65953 AU
morning rise	-4928 Nov 17 j 06:05	8°♎30'56	
direct	-4928 Nov 23 j 11:11	5°♎49'42	
morning max el	-4928 Dec 05 j 23:12	13°♎09'51	26°05'33
desc. node	-4928 Dec 17 j 03:47	26°♎32'04	
	-4928 Dec 19 j 16:09	0°♏	
	-4927 Jan 07 j 12:38	0°♐	
morning set	-4927 Jan 11 j 02:41	6°♐30'46	
max. Earth dist.	-4927 Jan 15 j 03:50	14°♐11'36	1.35597 AU
superior conj	-4927 Jan 20 j 05:03	24°♐13'58	-1°-31'-48
minimum elong	-4927 Jan 20 j 08:01	24°♐29'04	1°31'45
	-4927 Jan 23 j 00:38	0°♑	
evening rise	-4927 Jan 28 j 01:02	10°♑21'02	
asc. node	-4927 Jan 30 j 22:38	16°♑11'39	
	-4927 Feb 07 j 14:51	0°♒	
evening max el	-4927 Feb 15 j 11:03	9°♒57'45	20°23'02
retrograde	-4927 Feb 26 j 02:16	15°♒00'15	
evening set	-4927 Feb 28 j 11:13	14°♒46'15	
inferior conj	-4927 Mar 09 j 08:32	10°♒47'42	1°32'56
minimum elong	-4927 Mar 09 j 12:23	10°♒42'00	1°31'29
min. Earth dist.	-4927 Mar 11 j 00:21	9°♒49'01	0.55535 AU
desc. node	-4927 Mar 15 j 03:00	7°♒38'10	
morning rise	-4927 Mar 18 j 11:21	6°♒25'47	
direct	-4927 Mar 22 j 02:02	5°♒57'21	
morning max el	-4927 Apr 04 j 14:18	12°♒35'55	23°21'48
	-4927 Apr 17 j 17:18	0°♓	
morning set	-4927 Apr 27 j 21:38	19°♓25'35	
asc. node	-4927 Apr 28 j 22:19	21°♓35'16	
	-4927 May 02 j 20:50	0°♈	
superior conj	-4927 May 05 j 01:40	4°♈43'13	0°59'31
minimum elong	-4927 May 04 j 23:20	4°♈30'43	0°59'06
max. Earth dist.	-4927 May 07 j 08:28	9°♈34'09	1.33785 AU
evening rise	-4927 May 12 j 17:22	20°♈35'29	
	-4927 May 17 j 14:44	0°♉	
	-4927 Jun 05 j 09:04	0°♊	
desc. node	-4927 Jun 11 j 01:22	7°♊03'58	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening max el	-4927 Jun 15 j 13:16	11°♊49'26	27°22'53
retrograde	-4927 Jun 29 j 03:17	19°♊14'34	
evening set	-4927 Jul 06 j 05:44	16°♊31'43	
min. Earth dist.	-4927 Jul 09 j 21:26	13°♊11'07	0.64016 AU
inferior conj	-4927 Jul 12 j 08:33	10°♊34'10	-3°-39'-6
minimum elong	-4927 Jul 12 j 11:57	10°♊25'06	3°38'12
morning rise	-4927 Jul 18 j 19:54	5°♊10'20	
direct	-4927 Jul 21 j 12:09	4°♊33'57	
asc. node	-4927 Jul 25 j 22:00	6°♊11'31	
morning max el	-4927 Jul 28 j 00:21	8°♊00'03	18°02'26
	-4927 Aug 11 j 16:03	0°♋	
morning set	-4927 Aug 14 j 09:49	4°♋42'04	
superior conj	-4927 Aug 27 j 09:02	26°♋27'28	1°03'51
minimum elong	-4927 Aug 27 j 14:57	26°♋51'37	1°03'25
	-4927 Aug 29 j 13:23	0°♌	
max. Earth dist.	-4927 Sep 01 j 15:12	4°♌56'25	1.44085 AU
desc. node	-4927 Sep 07 j 00:31	13°♌27'53	
evening rise	-4927 Sep 12 j 17:31	22°♌21'07	
	-4927 Sep 17 j 16:56	0°♍	
greatest brilliancy	-4927 Oct 03 j 06:49	22°♍56'40	-0.6m
	-4927 Oct 08 j 22:33	0°♎	
evening max el	-4927 Oct 09 j 21:30	1°♎01'06	20°20'03
retrograde	-4927 Oct 17 j 18:14	5°♎38'31	
evening set	-4927 Oct 21 j 10:00	4°♎21'02	
asc. node	-4927 Oct 21 j 20:53	4°♎00'35	
	-4927 Oct 25 j 14:06	30°℞♍	
inferior conj	-4927 Oct 26 j 22:10	28°♍13'46	1°39'52
minimum elong	-4927 Oct 26 j 20:00	28°♍21'03	1°39'04
min. Earth dist.	-4927 Oct 27 j 16:06	27°♍13'31	0.66738 AU
morning rise	-4927 Nov 01 j 05:28	21°♍56'38	
direct	-4927 Nov 06 j 19:39	19°♍31'47	
morning max el	-4927 Nov 18 j 08:11	26°♍23'09	24°48'16
	-4927 Nov 21 j 16:41	0°♎	
desc. node	-4927 Dec 04 j 00:43	16°♎04'41	
	-4927 Dec 13 j 06:41	0°♏	
morning set	-4927 Dec 24 j 08:37	18°♏29'54	
max. Earth dist.	-4927 Dec 28 j 03:46	25°♏20'04	1.37384 AU
	-4927 Dec 30 j 16:01	0°♐	
superior conj	-4926 Jan 03 j 16:14	7°♐41'02	-1°-46'-5
minimum elong	-4926 Jan 03 j 18:30	7°♐52'04	1°46'12
evening rise	-4926 Jan 12 j 03:02	24°♐29'50	
	-4926 Jan 14 j 21:57	0°♑	
asc. node	-4926 Jan 17 j 19:42	5°♑30'50	
evening max el	-4926 Jan 29 j 02:55	21°♑53'21	19°19'40
retrograde	-4926 Feb 07 j 03:44	26°♑11'11	
evening set	-4926 Feb 09 j 12:41	25°♑54'42	
inferior conj	-4926 Feb 17 j 18:21	21°♑45'17	3°00'29
minimum elong	-4926 Feb 17 j 23:25	21°♑36'49	2°59'04
min. Earth dist.	-4926 Feb 20 j 15:07	19°♑51'08	0.56698 AU
morning rise	-4926 Feb 26 j 06:29	16°♑53'51	
desc. node	-4926 Mar 02 j 00:09	16°♑02'58	
direct	-4926 Mar 03 j 02:26	16°♑00'09	
morning max el	-4926 Mar 17 j 05:28	23°♑12'07	24°59'27
	-4926 Mar 23 j 07:19	0°♒	
	-4926 Apr 10 j 05:58	0°♓	
morning set	-4926 Apr 12 j 09:58	4°♓28'55	
asc. node	-4926 Apr 15 j 19:19	11°♓42'49	
superior conj	-4926 Apr 19 j 11:15	19°♓40'06	0°37'07
minimum elong	-4926 Apr 19 j 09:41	19°♓31'35	0°36'45
max. Earth dist.	-4926 Apr 20 j 16:38	22°♓19'17	1.33056 AU
	-4926 Apr 24 j 06:58	0°♈	
evening rise	-4926 Apr 26 j 18:13	5°♈07'02	
	-4926 May 10 j 06:48	0°♉	
desc. node	-4926 May 28 j 22:32	24°♉35'26	
evening max el	-4926 May 28 j 21:23	24°♉32'42	27°19'28
	-4926 Jun 05 j 00:02	0°♊	
retrograde	-4926 Jun 11 j 18:27	1°♊57'40	
	-4926 Jun 18 j 03:18	30°℞♉	
evening set	-4926 Jun 18 j 19:59	29°♉33'10	
min. Earth dist.	-4926 Jun 22 j 10:23	26°♉39'09	0.62262 AU
inferior conj	-4926 Jun 25 j 10:40	23°♉48'16	-4°-4'-50
minimum elong	-4926 Jun 25 j 12:53	23°♉43'00	4°04'25
morning rise	-4926 Jul 02 j 08:18	18°♉44'19	
direct	-4926 Jul 04 j 21:32	18°♉15'08	
morning max el	-4926 Jul 11 j 14:53	21°♉39'11	17°57'40
asc. node	-4926 Jul 12 j 19:04	22°♉53'06	
	-4926 Jul 18 j 00:11	0°♊	
morning set	-4926 Jul 27 j 21:48	17°♊07'34	
	-4926 Aug 04 j 03:19	0°♋	
superior conj	-4926 Aug 08 j 01:56	6°♋49'19	1°32'36
minimum elong	-4926 Aug 08 j 06:42	7°♋09'42	1°32'29
max. Earth dist.	-4926 Aug 15 j 03:24	18°♋37'16	1.42814 AU
	-4926 Aug 22 j 05:54	0°♌	
evening rise	-4926 Aug 22 j 21:43	1°♌02'02	
desc. node	-4926 Aug 24 j 21:29	4°♌08'08	
	-4926 Sep 11 j 07:35	0°♍	
greatest brilliancy	-4926 Sep 17 j 17:09	8°♍33'50	-0.4m
evening max el	-4926 Sep 22 j 19:23	14°♍26'07	21°29'57
retrograde	-4926 Oct 01 j 14:46	19°♍39'39	
evening set	-4926 Oct 05 j 18:03	18°♍04'25	
asc. node	-4926 Oct 08 j 18:03	14°♍59'53	
inferior conj	-4926 Oct 11 j 03:23	11°♍49'28	0°48'30
minimum elong	-4926 Oct 11 j 02:17	11°♍53'17	0°48'08
min. Earth dist.	-4926 Oct 11 j 10:32	11°♍24'52	0.67212 AU
morning rise	-4926 Oct 16 j 10:12	5°♍31'22	
direct	-4926 Oct 21 j 09:05	3°♍26'50	
morning max el	-4926 Oct 31 j 17:43	9°♍38'31	23°22'41
greatest brilliancy	-4926 Nov 06 j 09:57	16°♍04'51	-0.2m
	-4926 Nov 16 j 18:13	0°♎	
desc. node	-4926 Nov 20 j 21:37	6°♎03'04	
morning set	-4926 Dec 05 j 13:31	29°♎12'13	
	-4926 Dec 06 j 00:55	0°♏	
max. Earth dist.	-4926 Dec 09 j 23:29	6°♏44'30	1.39415 AU
superior conj	-4926 Dec 17 j 13:12	20°♏21'42	-1°-52'-45
minimum elong	-4926 Dec 17 j 13:33	20°♏23'18	1°52'57
	-4926 Dec 22 j 15:35	0°♐	
evening rise	-4926 Dec 26 j 21:11	8°♐09'52	
asc. node	-4925 Jan 04 j 16:47	24°♐20'41	
	-4925 Jan 08 j 10:25	0°♑	
evening max el	-4925 Jan 12 j 04:07	4°♑21'50	18°36'07
retrograde	-4925 Jan 19 j 22:50	8°♑08'53	
evening set	-4925 Jan 22 j 10:05	7°♑47'23	
inferior conj	-4925 Jan 29 j 23:47	3°♑18'56	3°50'05
minimum elong	-4925 Jan 30 j 02:42	3°♑13'16	3°49'29
min. Earth dist.	-4925 Feb 02 j 08:20	0°♑44'04	0.58442 AU
	-4925 Feb 03 j 08:56	30°℞♐	
morning rise	-4925 Feb 06 j 15:45	28°♐01'23	
direct	-4925 Feb 12 j 16:14	26°♐30'17	
desc. node	-4925 Feb 16 j 21:16	27°♐13'50	
	-4925 Feb 22 j 03:42	0°♑	
morning max el	-4925 Feb 26 j 22:05	3°♑59'46	26°23'14
	-4925 Mar 17 j 18:52	0°♒	
morning set	-4925 Mar 27 j 21:21	19°♒29'19	
	-4925 Apr 01 j 19:04	0°♓	
asc. node	-4925 Apr 02 j 16:16	1°♓55'41	
superior conj	-4925 Apr 03 j 22:42	4°♓42'02	0°13'08
minimum elong	-4925 Apr 03 j 22:07	4°♓38'54	0°12'53
behind sun begin	-4925 Apr 03 j 19:14	4°♓23'05	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

behind sun end	-4925 Apr 04 j 01:01	4°♓54'43		
max. Earth dist.	-4925 Apr 04 j 05:11	5°♓17'28	1.32675 AU	
evening rise	-4925 Apr 11 j 00:46	19°♓55'17		
	-4925 Apr 16 j 01:32	0°♈		
	-4925 May 04 j 23:41	0°♉		
evening max el	-4925 May 11 j 00:38	6°♉37'56	26°43'14	
desc. node	-4925 May 15 j 19:45	10°♉36'13		
retrograde	-4925 May 25 j 02:09	13°♉59'18		
evening set	-4925 May 31 j 15:49	12°♉06'39		
min. Earth dist.	-4925 Jun 04 j 14:06	9°♉24'16	0.60269 AU	
inferior conj	-4925 Jun 07 j 22:29	6°♉38'03	-4°-12'-40	
minimum elong	-4925 Jun 07 j 22:13	6°♉38'37	4°12'33	
morning rise	-4925 Jun 15 j 07:59	1°♉55'34		
direct	-4925 Jun 17 j 19:39	1°♉31'57		
morning max el	-4925 Jun 25 j 02:39	5°♉04'40	18°11'58	
asc. node	-4925 Jun 29 j 16:05	10°♉34'39		
	-4925 Jul 10 j 21:34	0°♊		
morning set	-4925 Jul 11 j 02:08	0°♊21'26		
superior conj	-4925 Jul 20 j 21:11	18°♊29'37	1°46'49	
minimum elong	-4925 Jul 20 j 23:07	18°♊38'19	1°47'00	
	-4925 Jul 27 j 10:37	0°♋		
max. Earth dist.	-4925 Jul 28 j 09:47	1°♋38'29	1.41098 AU	
evening rise	-4925 Aug 02 j 17:19	10°♋27'28		
desc. node	-4925 Aug 11 j 18:29	24°♋41'18		
	-4925 Aug 15 j 07:14	0°♌		
greatest brilliancy	-4925 Aug 31 j 13:39	22°♌21'15	-0.3m	
evening max el	-4925 Sep 05 j 11:25	27°♌50'58	22°48'19	
	-4925 Sep 07 j 18:23	0°♍		
retrograde	-4925 Sep 15 j 08:59	3°♍43'08		
evening set	-4925 Sep 20 j 01:49	1°♍48'18		
	-4925 Sep 21 j 22:03	30°℞♌		
inferior conj	-4925 Sep 25 j 09:54	25°♌29'12	0°-4'-29	
minimum elong	-4925 Sep 25 j 10:00	25°♌28'51	0°04'19	
transit middle	-4925 Sep 25 j 10:00	25°♌28'51	0°04'19	
transit begin	-4925 Sep 25 j 07:24	25°♌37'50		
transit end	-4925 Sep 25 j 12:36	25°♌19'52		
min. Earth dist.	-4925 Sep 25 j 06:50	25°♌39'47	0.67388 AU	
asc. node	-4925 Sep 25 j 15:12	25°♌10'56		
morning rise	-4925 Sep 30 j 18:06	19°♌13'24		
direct	-4925 Oct 05 j 02:37	17°♌30'05		
morning max el	-4925 Oct 14 j 06:49	22°♌57'34	21°57'56	
greatest brilliancy	-4925 Oct 19 j 03:51	28°♌31'17	-0.4m	
	-4925 Oct 20 j 08:03	0°♍		
desc. node	-4925 Nov 07 j 18:30	26°♍19'43		
	-4925 Nov 10 j 03:48	0°♎		
morning set	-4925 Nov 15 j 13:53	8°♎31'41		
max. Earth dist.	-4925 Nov 21 j 22:59	18°♎56'20	1.41428 AU	
	-4925 Nov 28 j 10:39	0°♏		
superior conj	-4925 Nov 29 j 14:40	2°♏02'47	-1°-48'-29	
minimum elong	-4925 Nov 29 j 11:51	1°♏50'24	1°48'30	
evening rise	-4925 Dec 10 j 04:19	21°♏14'05		
	-4925 Dec 14 j 22:57	0°♐		
asc. node	-4925 Dec 22 j 13:53	12°♐32'01		
evening max el	-4925 Dec 26 j 12:04	17°♐15'39	18°12'38	
retrograde	-4924 Jan 02 j 11:38	20°♐47'06		
evening set	-4924 Jan 05 j 01:15	20°♐19'18		
inferior conj	-4924 Jan 12 j 01:02	15°♐28'41	4°05'45	
minimum elong	-4924 Jan 12 j 01:02	15°♐28'41	4°05'30	
min. Earth dist.	-4924 Jan 15 j 06:39	12°♐35'53	0.60423 AU	
morning rise	-4924 Jan 18 j 22:04	9°♐52'04		
direct	-4924 Jan 25 j 17:12	7°♐43'17		
desc. node	-4924 Feb 03 j 18:20	11°♐04'29		
morning max el	-4924 Feb 08 j 20:17	15°♐20'46	27°19'47	
	-4924 Feb 20 j 19:15	0°♑		
	-4924 Mar 09 j 02:54	0°♒		

morning set	-4924 Mar 11 j 05:59	4°♒20'28		
superior conj	-4924 Mar 18 j 10:21	19°♒43'06	0°-11'-36	
minimum elong	-4924 Mar 18 j 10:53	19°♒45'57	0°11'41	
behind sun begin	-4924 Mar 18 j 07:29	19°♒27'21		
behind sun end	-4924 Mar 18 j 14:17	20°♒04'33		
max. Earth dist.	-4924 Mar 17 j 18:35	18°♒16'56	1.32632 AU	
asc. node	-4924 Mar 19 j 13:14	22°♒09'59		
	-4924 Mar 23 j 03:46	0°♓		
evening rise	-4924 Mar 25 j 10:47	4°♓52'29		
	-4924 Apr 07 j 22:22	0°♈		
evening max el	-4924 Apr 21 j 21:51	18°♈02'31	25°36'58	
desc. node	-4924 May 01 j 16:55	24°♈31'55		
retrograde	-4924 May 06 j 00:03	25°♈15'36		
evening set	-4924 May 11 j 14:23	24°♈01'07		
min. Earth dist.	-4924 May 16 j 10:25	21°♈13'55	0.58265 AU	
inferior conj	-4924 May 19 j 16:26	18°♈54'27	-3°-53'-51	
minimum elong	-4924 May 19 j 12:52	19°♈00'53	3°53'20	
morning rise	-4924 May 27 j 15:24	14°♈33'12		
direct	-4924 May 30 j 02:16	14°♈14'01		
morning max el	-4924 Jun 07 j 08:47	18°♈08'03	18°46'10	
asc. node	-4924 Jun 15 j 13:05	29°♈02'46		
	-4924 Jun 16 j 02:41	0°♉		
morning set	-4924 Jun 23 j 18:25	14°♉12'43		
	-4924 Jul 01 j 21:51	0°♊		
superior conj	-4924 Jul 02 j 13:32	1°♊14'24	1°49'04	
minimum elong	-4924 Jul 02 j 12:59	1°♊11'46	1°49'17	
max. Earth dist.	-4924 Jul 09 j 12:03	13°♊58'22	1.39174 AU	
evening rise	-4924 Jul 13 j 14:40	21°♊07'39		
	-4924 Jul 18 j 22:39	0°♋		
desc. node	-4924 Jul 28 j 15:31	15°♋02'54		
	-4924 Aug 08 j 08:06	0°♌		
evening max el	-4924 Aug 17 j 23:26	11°♌17'36	24°09'14	
retrograde	-4924 Aug 28 j 23:43	17°♌46'05		
evening set	-4924 Sep 03 j 07:30	15°♌31'14		
min. Earth dist.	-4924 Sep 08 j 02:30	9°♌56'56	0.67265 AU	
inferior conj	-4924 Sep 08 j 15:59	9°♌11'19	0°-57'-30	
minimum elong	-4924 Sep 08 j 17:18	9°♌06'50	0°56'46	
asc. node	-4924 Sep 11 j 12:19	5°♌31'59		
morning rise	-4924 Sep 14 j 03:18	3°♌01'11		
direct	-4924 Sep 17 j 23:04	1°♌37'46		
morning max el	-4924 Sep 26 j 02:19	6°♌24'13	20°40'57	
greatest brilliancy	-4924 Oct 02 j 05:50	13°♌44'42	-0.5m	
	-4924 Oct 13 j 14:47	0°♍		
morning set	-4924 Oct 24 j 16:24	16°♍52'56		
desc. node	-4924 Oct 24 j 15:22	16°♍48'54		
	-4924 Nov 01 j 23:43	0°♎		
max. Earth dist.	-4924 Nov 03 j 06:12	2°♎02'48	1.43137 AU	
superior conj	-4924 Nov 09 j 14:55	12°♎29'53	-1°-29'-41	
minimum elong	-4924 Nov 09 j 08:53	12°♎04'46	1°29'12	
	-4924 Nov 19 j 19:49	0°♏		
evening rise	-4924 Nov 21 j 20:23	3°♏33'42		
asc. node	-4924 Dec 08 j 10:59	29°♏52'23		
	-4924 Dec 08 j 13:51	0°♐		
evening max el	-4924 Dec 08 j 23:47	0°♐25'35	18°08'43	
retrograde	-4924 Dec 15 j 14:21	3°♐54'31		
evening set	-4924 Dec 18 j 06:40	3°♐19'26		
	-4924 Dec 22 j 21:27	30°℞♏		
inferior conj	-4924 Dec 24 j 19:01	28°♏07'07	3°56'30	
minimum elong	-4924 Dec 24 j 16:53	28°♏12'32	3°56'03	
min. Earth dist.	-4924 Dec 27 j 13:13	25°♏18'55	0.62343 AU	
morning rise	-4924 Dec 31 j 01:08	22°♏16'12		
direct	-4923 Jan 07 j 02:53	19°♏40'09		
desc. node	-4923 Jan 20 j 15:21	26°♏59'14		
morning max el	-4923 Jan 21 j 00:37	27°♏21'44	27°41'30	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4923 Jan 23 j 13:39	0°♐		
	-4923 Feb 13 j 09:49	0°♑		
morning set	-4923 Feb 23 j 09:45	18°♑53'34		
	-4923 Feb 28 j 17:17	0°♒		
max. Earth dist.	-4923 Mar 01 j 04:51	1°♒02'03	1.32935 AU	
superior conj	-4923 Mar 02 j 20:31	4°♒36'02	0°-36'-15	
minimum elong	-4923 Mar 02 j 22:06	4°♒44'38	0°36'10	
asc. node	-4923 Mar 06 j 10:12	12°♒20'43		
evening rise	-4923 Mar 09 j 22:16	19°♒50'10		
	-4923 Mar 14 j 22:35	0°♓		
evening max el	-4923 Apr 03 j 14:25	28°♓54'47	24°09'58	
	-4923 Apr 04 j 18:43	0°♈		
retrograde	-4923 Apr 17 j 10:03	5°♈50'21		
desc. node	-4923 Apr 18 j 14:05	5°♈47'14		
evening set	-4923 Apr 21 j 17:35	5°♈08'53		
min. Earth dist.	-4923 Apr 28 j 02:16	2°♈03'07	0.56546 AU	
inferior conj	-4923 Apr 30 j 14:16	0°♈29'26	-2°-58'-56	
minimum elong	-4923 Apr 30 j 08:39	0°♈38'16	2°57'35	
	-4923 May 01 j 09:09	30°℞♓		
morning rise	-4923 May 09 j 03:39	26°♓25'39		
direct	-4923 May 11 j 14:13	26°♓09'47		
	-4923 May 20 j 12:49	0°♈		
morning max el	-4923 May 21 j 06:34	0°♈39'48	19°40'48	
asc. node	-4923 Jun 02 j 10:03	18°♈06'06		
morning set	-4923 Jun 07 j 19:12	28°♈32'20		
	-4923 Jun 08 j 12:40	0°♉		
superior conj	-4923 Jun 15 j 21:27	14°♉48'11	1°42'21	
minimum elong	-4923 Jun 15 j 19:22	14°♉37'53	1°42'24	
max. Earth dist.	-4923 Jun 21 j 14:36	25°♉49'02	1.37287 AU	
	-4923 Jun 23 j 20:50	0°♊		
evening rise	-4923 Jun 25 j 13:13	3°♊02'55		
	-4923 Jul 12 j 00:10	0°♋		
desc. node	-4923 Jul 15 j 12:34	5°♋07'14		
evening max el	-4923 Jul 31 j 09:54	24°♋46'47	25°25'21	
	-4923 Aug 06 j 21:38	0°♌		
retrograde	-4923 Aug 12 j 10:18	1°♌44'26		
	-4923 Aug 17 j 09:02	30°℞♋		
evening set	-4923 Aug 18 j 09:15	29°♋11'50		
min. Earth dist.	-4923 Aug 22 j 19:11	24°♋14'36	0.66819 AU	
inferior conj	-4923 Aug 23 j 19:55	22°♋54'13	-1°-48'-52	
minimum elong	-4923 Aug 23 j 22:21	22°♋46'18	1°47'42	
morning rise	-4923 Aug 29 j 11:57	16°♋52'59		
asc. node	-4923 Aug 29 j 09:25	16°♋57'11		
direct	-4923 Sep 01 j 21:03	15°♋46'48		
morning max el	-4923 Sep 09 j 05:06	19°♋59'55	19°36'18	
	-4923 Sep 17 j 02:34	0°♌		
greatest brilliancy	-4923 Sep 17 j 22:33	1°♌11'50	-0.7m	
morning set	-4923 Oct 03 j 17:34	25°♌17'23		
	-4923 Oct 06 j 18:06	0°♍		
desc. node	-4923 Oct 11 j 12:15	7°♍26'38		
max. Earth dist.	-4923 Oct 16 j 19:57	15°♍50'23	1.44300 AU	
superior conj	-4923 Oct 20 j 11:37	21°♍39'55	0°-54'-34	
minimum elong	-4923 Oct 20 j 05:34	21°♍15'42	0°53'49	
	-4923 Oct 25 j 15:22	0°♎		
evening rise	-4923 Nov 03 j 16:48	14°♎59'43		
	-4923 Nov 12 j 16:51	0°♏		
evening max el	-4923 Nov 22 j 12:31	13°♏45'43	18°23'37	
asc. node	-4923 Nov 25 j 08:06	16°♏07'57		
retrograde	-4923 Nov 29 j 02:37	17°♏22'51		
evening set	-4923 Dec 01 j 22:51	16°♏39'05		
inferior conj	-4923 Dec 08 j 02:02	11°♏07'24	3°30'19	
minimum elong	-4923 Dec 07 j 22:55	11°♏16'16	3°29'30	
min. Earth dist.	-4923 Dec 10 j 05:55	8°♏40'19	0.64012 AU	
morning rise	-4923 Dec 13 j 21:33	5°♏05'31		
direct	-4923 Dec 20 j 20:03	2°♏16'44		
morning max el	-4922 Jan 03 j 09:09	9°♏58'03	27°27'28	
desc. node	-4922 Jan 07 j 12:21	14°♏24'19		
	-4922 Jan 19 j 04:53	0°♐		
	-4922 Feb 05 j 17:08	0°♑		
morning set	-4922 Feb 07 j 06:00	3°♑00'03		
max. Earth dist.	-4922 Feb 12 j 08:02	13°♑19'51	1.33623 AU	
superior conj	-4922 Feb 15 j 03:25	19°♑14'55	0°-59'-50	
minimum elong	-4922 Feb 15 j 05:53	19°♑28'04	0°59'41	
	-4922 Feb 20 j 04:07	0°♒		
asc. node	-4922 Feb 21 j 07:11	2°♒23'45		
evening rise	-4922 Feb 22 j 09:30	4°♒42'13		
	-4922 Mar 08 j 07:47	0°♓		
evening max el	-4922 Mar 16 j 07:33	9°♓39'00	22°35'51	
retrograde	-4922 Mar 29 j 08:02	16°♓00'28		
evening set	-4922 Apr 01 j 11:20	15°♓38'51		
desc. node	-4922 Apr 05 j 11:16	14°♓15'29		
min. Earth dist.	-4922 Apr 09 j 16:40	12°♓02'14	0.55451 AU	
inferior conj	-4922 Apr 10 j 18:17	11°♓25'36	-1°-25'-45	
minimum elong	-4922 Apr 10 j 14:31	11°♓30'59	1°24'39	
morning rise	-4922 Apr 19 j 19:58	7°♓28'03		
direct	-4922 Apr 22 j 09:09	7°♓12'59		
morning max el	-4922 May 03 j 18:01	12°♓32'38	20°55'01	
	-4922 May 16 j 06:48	0°♈		
asc. node	-4922 May 20 j 07:00	7°♈35'54		
morning set	-4922 May 23 j 01:49	13°♈12'41		
superior conj	-4922 May 30 j 16:26	28°♈57'47	1°29'09	
minimum elong	-4922 May 30 j 13:44	28°♈43'56	1°28'57	
	-4922 May 31 j 04:36	0°♉		
max. Earth dist.	-4922 Jun 03 j 23:19	7°♉36'02	1.35647 AU	
evening rise	-4922 Jun 08 j 08:01	16°♉00'30		
	-4922 Jun 16 j 03:43	0°♊		
desc. node	-4922 Jul 02 j 09:41	24°♊46'14		
	-4922 Jul 06 j 10:55	0°♋		
evening max el	-4922 Jul 13 j 20:39	8°♋15'28	26°28'34	
retrograde	-4922 Jul 26 j 16:13	15°♋31'46		
evening set	-4922 Aug 02 j 04:55	12°♋47'14		
min. Earth dist.	-4922 Aug 06 j 06:34	8°♋28'47	0.66024 AU	
inferior conj	-4922 Aug 07 j 19:47	6°♋34'56	-2°-36'-44	
minimum elong	-4922 Aug 07 j 23:03	6°♋24'56	2°35'25	
morning rise	-4922 Aug 13 j 18:07	0°♋45'41		
	-4922 Aug 15 j 17:11	30°℞♊		
asc. node	-4922 Aug 16 j 06:31	29°♊55'01		
direct	-4922 Aug 16 j 18:49	29°♊53'32		
	-4922 Aug 17 j 20:42	0°♋		
morning max el	-4922 Aug 23 j 14:02	3°♋41'55	18°46'33	
	-4922 Sep 10 j 15:56	0°♌		
morning set	-4922 Sep 13 j 13:53	4°♌39'55		
desc. node	-4922 Sep 28 j 09:09	28°♌08'56		
superior conj	-4922 Sep 29 j 13:04	29°♌58'59	0°-7'-19	
minimum elong	-4922 Sep 29 j 12:08	29°♌55'15	0°07'04	
behind sun begin	-4922 Sep 29 j 01:43	29°♌14'12		
behind sun end	-4922 Sep 29 j 22:32	0°♍36'18		
max. Earth dist.	-4922 Sep 29 j 13:00	29°♌58'41	1.44781 AU	
	-4922 Sep 29 j 13:20	0°♍		
evening rise	-4922 Oct 15 j 13:01	25°♍21'45		
	-4922 Oct 18 j 10:27	0°♎		
evening max el	-4922 Nov 05 j 23:40	27°♎10'51	18°56'22	
	-4922 Nov 09 j 09:08	0°♏		
asc. node	-4922 Nov 12 j 05:15	1°♏02'46		
retrograde	-4922 Nov 12 j 20:34	1°♏05'03		
evening set	-4922 Nov 15 j 22:37	0°♏10'25		
	-4922 Nov 16 j 05:26	30°℞♎		
inferior conj	-4922 Nov 21 j 18:37	24°♎22'31	2°52'52	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-4922 Nov 21 j 15:25	24°♎32'25	2°51'51
min. Earth dist.	-4922 Nov 23 j 08:19	22°♎26'12	0.65345 AU
morning rise	-4922 Nov 27 j 07:10	18°♎12'31	
direct	-4922 Dec 03 j 19:51	15°♎25'03	
morning max el	-4922 Dec 16 j 18:57	22°♎57'09	26°42'24
	-4922 Dec 23 j 02:19	0°♏	
desc. node	-4922 Dec 25 j 09:20	2°♏52'56	
	-4921 Jan 12 j 11:17	0°♐	
morning set	-4921 Jan 21 j 15:17	16°♐28'45	
max. Earth dist.	-4921 Jan 26 j 00:34	25°♐02'00	1.34742 AU
	-4921 Jan 28 j 11:32	0°♑	
superior conj	-4921 Jan 30 j 04:58	3°♑33'09	-1°-21'-10
minimum elong	-4921 Jan 30 j 07:56	3°♑48'31	1°21'03
evening rise	-4921 Feb 06 j 18:45	19°♑22'36	
asc. node	-4921 Feb 08 j 04:14	22°♑14'30	
	-4921 Feb 12 j 02:35	0°♒	
evening max el	-4921 Feb 26 j 07:31	20°♒42'09	21°07'39
retrograde	-4921 Mar 09 j 22:12	26°♒14'13	
evening set	-4921 Mar 12 j 09:52	25°♒59'54	
inferior conj	-4921 Mar 21 j 13:57	22°♒01'24	0°29'10
minimum elong	-4921 Mar 21 j 15:17	21°♒59'31	0°28'32
min. Earth dist.	-4921 Mar 22 j 07:06	21°♒37'01	0.55231 AU
desc. node	-4921 Mar 23 j 08:26	21°♒01'21	
morning rise	-4921 Mar 30 j 19:52	17°♒52'33	
direct	-4921 Apr 02 j 21:25	17°♒32'00	
morning max el	-4921 Apr 15 j 18:49	23°♒45'09	22°25'22
	-4921 Apr 21 j 08:18	0°♓	
asc. node	-4921 May 07 j 03:59	27°♓25'19	
morning set	-4921 May 07 j 12:09	28°♓07'39	
	-4921 May 08 j 09:39	0°♈	
superior conj	-4921 May 14 j 19:07	13°♈33'00	1°11'19
minimum elong	-4921 May 14 j 16:30	13°♈19'11	1°10'57
max. Earth dist.	-4921 May 17 j 18:02	19°♈43'26	1.34358 AU
evening rise	-4921 May 22 j 17:52	29°♈45'50	
	-4921 May 22 j 20:46	0°♉	
	-4921 Jun 09 j 05:33	0°♊	
desc. node	-4921 Jun 19 j 06:49	13°♊49'17	
evening max el	-4921 Jun 26 j 07:58	21°♊36'58	27°10'50
retrograde	-4921 Jul 09 j 16:56	29°♊01'12	
evening set	-4921 Jul 16 j 15:51	26°♊14'23	
min. Earth dist.	-4921 Jul 20 j 10:33	22°♊33'43	0.64857 AU
inferior conj	-4921 Jul 22 j 13:26	20°♊10'26	-3°-18'-46
minimum elong	-4921 Jul 22 j 17:01	20°♊00'20	3°17'38
morning rise	-4921 Jul 28 j 19:34	14°♊36'14	
direct	-4921 Jul 31 j 14:13	13°♊54'54	
asc. node	-4921 Aug 03 j 03:37	14°♊29'33	
morning max el	-4921 Aug 07 j 03:06	17°♊26'55	18°13'24
	-4921 Aug 16 j 06:32	0°♋	
morning set	-4921 Aug 25 j 13:20	15°♋20'44	
	-4921 Sep 03 j 10:28	0°♌	
superior conj	-4921 Sep 08 j 16:25	8°♌27'51	0°40'39
minimum elong	-4921 Sep 08 j 21:05	8°♌46'31	0°40'16
max. Earth dist.	-4921 Sep 12 j 06:26	14°♌10'05	1.44543 AU
desc. node	-4921 Sep 15 j 06:05	18°♌52'54	
	-4921 Sep 22 j 08:34	0°♍	
evening rise	-4921 Sep 25 j 08:33	4°♍40'05	
	-4921 Oct 11 j 23:39	0°♎	
greatest brilliancy	-4921 Oct 12 j 06:30	0°♎24'37	-0.7m
evening max el	-4921 Oct 20 j 06:58	10°♎37'41	19°45'24
retrograde	-4921 Oct 27 j 17:12	14°♎56'59	
asc. node	-4921 Oct 30 j 02:26	14°♎23'55	
evening set	-4921 Oct 31 j 03:19	13°♎48'42	
inferior conj	-4921 Nov 05 j 17:53	7°♎47'45	2°08'01
minimum elong	-4921 Nov 05 j 15:13	7°♎56'30	2°07'02
min. Earth dist.	-4921 Nov 06 j 18:40	6°♎26'33	0.66329 AU
morning rise	-4921 Nov 11 j 02:24	1°♎32'32	
	-4921 Nov 13 j 05:31	30°℞♍	
direct	-4921 Nov 17 j 01:26	28°♍57'10	
	-4921 Nov 21 j 05:43	0°♎	
morning max el	-4921 Nov 29 j 04:03	6°♎06'53	25°34'12
desc. node	-4921 Dec 12 j 06:16	22°♎06'20	
	-4921 Dec 17 j 17:53	0°♏	
morning set	-4920 Jan 04 j 08:51	29°♏05'19	
	-4920 Jan 04 j 20:52	0°♐	
max. Earth dist.	-4920 Jan 08 j 05:24	6°♐14'44	1.36310 AU
superior conj	-4920 Jan 13 j 22:25	17°♐22'09	-1°-38'-37
minimum elong	-4920 Jan 14 j 01:13	17°♐36'08	1°38'39
	-4920 Jan 20 j 03:49	0°♑	
evening rise	-4920 Jan 22 j 00:02	3°♑44'57	
asc. node	-4920 Jan 26 j 01:17	11°♑47'13	
	-4920 Feb 06 j 12:52	0°♒	
evening max el	-4920 Feb 08 j 17:33	2°♒18'10	19°53'49
retrograde	-4920 Feb 18 j 15:35	6°♒59'41	
evening set	-4920 Feb 21 j 00:04	6°♒45'02	
inferior conj	-4920 Feb 29 j 15:07	2°♒43'46	2°14'24
minimum elong	-4920 Feb 29 j 20:01	2°♒36'11	2°12'45
min. Earth dist.	-4920 Mar 02 j 21:28	1°♒20'08	0.55939 AU
	-4920 Mar 05 j 05:19	30°℞♑	
desc. node	-4920 Mar 09 j 05:36	28°♑15'09	
morning rise	-4920 Mar 09 j 12:52	28°♑09'33	
direct	-4920 Mar 13 j 15:37	27°♑31'58	
	-4920 Mar 21 j 18:36	0°♒	
morning max el	-4920 Mar 27 j 11:40	4°♒27'07	24°03'57
	-4920 Apr 14 j 09:27	0°♓	
morning set	-4920 Apr 21 j 00:15	13°♓09'44	
asc. node	-4920 Apr 23 j 00:58	17°♓27'38	
superior conj	-4920 Apr 28 j 02:47	28°♓23'59	0°50'16
minimum elong	-4920 Apr 28 j 00:44	28°♓12'57	0°49'52
	-4920 Apr 28 j 20:38	0°♈	
max. Earth dist.	-4920 Apr 29 j 22:11	2°♈16'44	1.33436 AU
evening rise	-4920 May 05 j 14:15	14°♈03'57	
	-4920 May 14 j 00:02	0°♉	
	-4920 Jun 03 j 08:40	0°♊	
desc. node	-4920 Jun 05 j 03:59	2°♊00'13	
evening max el	-4920 Jun 07 j 18:10	4°♊38'29	27°25'26
retrograde	-4920 Jun 21 j 11:38	12°♊03'26	
evening set	-4920 Jun 28 j 14:43	9°♊27'02	
min. Earth dist.	-4920 Jul 02 j 05:16	6°♊18'52	0.63311 AU
inferior conj	-4920 Jul 04 j 22:07	3°♊34'27	-3°-51'-46
minimum elong	-4920 Jul 05 j 01:10	3°♊26'41	3°51'04
	-4920 Jul 08 j 18:38	30°℞♉	
morning rise	-4920 Jul 11 j 13:37	28°♉18'26	
direct	-4920 Jul 14 j 04:24	27°♉45'17	
	-4920 Jul 19 j 11:14	0°♊	
asc. node	-4920 Jul 20 j 00:42	0°♊29'01	
morning max el	-4920 Jul 20 j 17:48	1°♊09'27	17°58'03
morning set	-4920 Aug 06 j 13:31	27°♊12'19	
	-4920 Aug 08 j 03:53	0°♋	
superior conj	-4920 Aug 18 j 17:14	18°♋01'22	1°17'55
minimum elong	-4920 Aug 18 j 23:05	18°♋25'37	1°17'35
max. Earth dist.	-4920 Aug 24 j 21:40	28°♋08'23	1.43617 AU
	-4920 Aug 26 j 01:28	0°♌	
desc. node	-4920 Sep 01 j 03:02	9°♌35'30	
evening rise	-4920 Sep 03 j 12:53	13°♌20'27	
	-4920 Sep 14 j 11:49	0°♍	
greatest brilliancy	-4920 Sep 26 j 12:49	17°♍08'49	-0.5m
evening max el	-4920 Oct 02 j 08:37	24°♍04'05	20°48'33
retrograde	-4920 Oct 10 j 14:13	28°♍55'43	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening set	-4920 Oct 14 j 10:42	27°♍30'56	
asc. node	-4920 Oct 15 j 23:36	26°♍10'04	
inferior conj	-4920 Oct 19 j 21:29	21°♍20'13	1°18'25
minimum elong	-4920 Oct 19 j 19:45	21°♍26'09	1°17'45
min. Earth dist.	-4920 Oct 20 j 10:44	20°♍35'10	0.66979 AU
morning rise	-4920 Oct 25 j 04:21	15°♍02'32	
direct	-4920 Oct 30 j 12:05	12°♍45'57	
morning max el	-4920 Nov 10 j 12:48	19°♍20'44	24°12'20
	-4920 Nov 19 j 13:56	0°♎	
desc. node	-4920 Nov 28 j 03:11	11°♎51'22	
	-4920 Dec 09 j 21:39	0°♏	
morning set	-4920 Dec 16 j 04:52	10°♏33'42	
max. Earth dist.	-4920 Dec 20 j 02:46	17°♏26'44	1.38232 AU
	-4920 Dec 26 j 21:32	0°♐	
superior conj	-4920 Dec 27 j 04:13	0°♐31'50	-1°-50'-2
minimum elong	-4920 Dec 27 j 05:49	0°♐39'33	1°50'12
evening rise	-4919 Jan 04 j 23:04	17°♐42'59	
	-4919 Jan 11 j 09:56	0°♑	
asc. node	-4919 Jan 11 j 22:22	0°♑55'24	
evening max el	-4919 Jan 21 j 13:42	14°♑29'06	18°58'40
retrograde	-4919 Jan 30 j 00:10	18°♑31'47	
evening set	-4919 Feb 01 j 10:14	18°♑13'14	
inferior conj	-4919 Feb 09 j 08:54	13°♑56'08	3°26'09
minimum elong	-4919 Feb 09 j 13:19	13°♑48'16	3°25'04
min. Earth dist.	-4919 Feb 12 j 12:40	11°♑42'35	0.57393 AU
morning rise	-4919 Feb 17 j 12:45	8°♑53'11	
direct	-4919 Feb 22 j 21:43	7°♑44'38	
desc. node	-4919 Feb 24 j 02:43	7°♑48'08	
morning max el	-4919 Mar 09 j 02:38	15°♑04'39	25°37'37
	-4919 Mar 21 j 01:04	0°♒	
morning set	-4919 Apr 05 j 12:24	28°♒12'50	
	-4919 Apr 06 j 08:44	0°♓	
asc. node	-4919 Apr 09 j 21:56	7°♓38'02	
superior conj	-4919 Apr 12 j 13:22	13°♓23'45	0°27'06
minimum elong	-4919 Apr 12 j 12:12	13°♓17'23	0°26'46
max. Earth dist.	-4919 Apr 13 j 08:53	15°♓10'04	1.32862 AU
evening rise	-4919 Apr 19 j 17:51	28°♓43'52	
	-4919 Apr 20 j 08:42	0°♈	
	-4919 May 07 j 06:26	0°♉	
evening max el	-4919 May 21 j 00:36	17°♉06'51	27°07'56
desc. node	-4919 May 23 j 01:10	18°♉56'55	
retrograde	-4919 Jun 03 j 23:26	24°♉29'40	
evening set	-4919 Jun 10 j 21:32	22°♉17'24	
min. Earth dist.	-4919 Jun 14 j 13:58	19°♉30'28	0.61442 AU
inferior conj	-4919 Jun 17 j 18:34	16°♉39'16	-4°-10'-48
minimum elong	-4919 Jun 17 j 19:53	16°♉36'19	4°10'35
morning rise	-4919 Jun 24 j 21:03	11°♉44'12	
direct	-4919 Jun 27 j 09:38	11°♉17'24	
morning max el	-4919 Jul 04 j 07:26	14°♉43'24	18°01'21
asc. node	-4919 Jul 06 j 21:44	17°♉37'44	
	-4919 Jul 14 j 20:19	0°♊	
morning set	-4919 Jul 20 j 09:02	10°♊00'00	
superior conj	-4919 Jul 30 j 21:48	28°♊57'44	1°40'18
minimum elong	-4919 Jul 31 j 01:24	29°♊13'30	1°40'20
	-4919 Jul 31 j 12:05	0°♋	
max. Earth dist.	-4919 Aug 07 j 08:01	11°♋35'50	1.42129 AU
evening rise	-4919 Aug 13 j 21:30	22°♋14'18	
	-4919 Aug 18 j 20:35	0°♌	
desc. node	-4919 Aug 19 j 00:01	0°♌13'14	
	-4919 Sep 08 j 17:46	0°♍	
greatest brilliancy	-4919 Sep 10 j 09:07	2°♍03'29	-0.4m
evening max el	-4919 Sep 15 j 03:51	7°♍28'37	22°02'35
retrograde	-4919 Sep 24 j 09:52	12°♍58'16	
evening set	-4919 Sep 28 j 18:49	11°♍14'35	
asc. node	-4919 Oct 02 j 20:45	6°♍42'16	
inferior conj	-4919 Oct 04 j 03:25	4°♍57'25	0°26'05
minimum elong	-4919 Oct 04 j 02:49	4°♍59'30	0°25'57
min. Earth dist.	-4919 Oct 04 j 06:06	4°♍48'08	0.67323 AU
	-4919 Oct 08 j 01:00	30°℞♌	
morning rise	-4919 Oct 09 j 10:38	28°♌40'11	
direct	-4919 Oct 14 j 03:12	26°♌44'56	
	-4919 Oct 21 j 03:32	0°♍	
morning max el	-4919 Oct 23 j 23:31	2°♍37'28	22°46'10
greatest brilliancy	-4919 Oct 28 j 18:08	8°♍00'01	-0.3m
	-4919 Nov 13 j 16:31	0°♎	
desc. node	-4919 Nov 15 j 00:03	1°♎58'12	
morning set	-4919 Nov 26 j 21:36	20°♎39'49	
max. Earth dist.	-4919 Dec 01 j 23:49	29°♎10'55	1.40292 AU
	-4919 Dec 02 j 11:18	0°♏	
superior conj	-4919 Dec 09 j 17:30	12°♏48'26	-1°-52'-30
minimum elong	-4919 Dec 09 j 16:38	12°♏44'29	1°52'40
	-4919 Dec 18 j 22:27	0°♐	
evening rise	-4919 Dec 19 j 12:55	1°♐08'41	
asc. node	-4919 Dec 29 j 19:27	19°♐30'05	
evening max el	-4918 Jan 04 j 17:59	27°♐08'38	18°23'38
	-4918 Jan 08 j 16:45	0°♑	
retrograde	-4918 Jan 12 j 03:21	0°♑47'42	
evening set	-4918 Jan 14 j 15:32	0°♑23'40	
	-4918 Jan 15 j 16:55	30°℞♐	
inferior conj	-4918 Jan 21 j 22:58	25°♐45'35	4°00'22
minimum elong	-4918 Jan 22 j 00:37	25°♐42'10	4°00'00
min. Earth dist.	-4918 Jan 25 j 07:31	23°♐00'21	0.59273 AU
morning rise	-4918 Jan 29 j 06:29	20°♐18'58	
direct	-4918 Feb 04 j 16:06	18°♐31'31	
desc. node	-4918 Feb 10 j 23:47	20°♐09'52	
morning max el	-4918 Feb 18 j 21:30	26°♐04'59	26°51'19
	-4918 Feb 22 j 14:19	0°♑	
	-4918 Mar 14 j 07:26	0°♒	
morning set	-4918 Mar 20 j 22:51	13°♒10'21	
asc. node	-4918 Mar 27 j 18:52	27°♒51'58	
superior conj	-4918 Mar 28 j 01:05	28°♒25'56	0°02'42
minimum elong	-4918 Mar 28 j 00:58	28°♒25'18	0°02'31
behind sun begin	-4918 Mar 27 j 20:01	27°♒58'15	
behind sun end	-4918 Mar 28 j 05:54	28°♒52'22	
max. Earth dist.	-4918 Mar 27 j 22:20	28°♒10'54	1.32616 AU
	-4918 Mar 28 j 18:16	0°♓	
evening rise	-4918 Apr 04 j 02:06	13°♓36'39	
	-4918 Apr 12 j 11:13	0°♈	
evening max el	-4918 May 03 j 01:05	28°♈53'56	26°18'11
	-4918 May 04 j 05:37	0°♉	
desc. node	-4918 May 09 j 22:20	4°♉09'21	
retrograde	-4918 May 17 j 03:13	6°♉12'53	
evening set	-4918 May 23 j 08:32	4°♉35'56	
min. Earth dist.	-4918 May 27 j 13:57	1°♉53'45	0.59403 AU
	-4918 May 30 j 00:48	30°℞♈	
inferior conj	-4918 May 30 j 23:10	29°♈15'59	-4°-8'-34
minimum elong	-4918 May 30 j 21:32	29°♈19'13	4°08'22
morning rise	-4918 Jun 07 j 14:16	24°♈43'08	
direct	-4918 Jun 10 j 01:36	24°♈21'31	
morning max el	-4918 Jun 17 j 17:13	28°♈01'13	18°24'07
	-4918 Jun 19 j 14:18	0°♉	
asc. node	-4918 Jun 23 j 18:43	5°♉40'52	
morning set	-4918 Jul 03 j 18:56	23°♉31'19	
	-4918 Jul 07 j 04:20	0°♊	
superior conj	-4918 Jul 13 j 02:49	11°♊08'21	1°49'04
minimum elong	-4918 Jul 13 j 03:36	11°♊11'55	1°49'17
max. Earth dist.	-4918 Jul 20 j 12:16	24°♊19'23	1.40285 AU
	-4918 Jul 23 j 20:21	0°♋	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening rise	-4918 Jul 25 j 03:33	2°♋10'03	
desc. node	-4918 Aug 05 j 21:02	20°♋42'32	
	-4918 Aug 12 j 04:56	0°♌	
evening max el	-4918 Aug 28 j 17:41	20°♌53'39	23°22'45
retrograde	-4918 Sep 08 j 02:50	27°♌02'28	
evening set	-4918 Sep 13 j 01:55	24°♌58'51	
inferior conj	-4918 Sep 18 j 09:57	18°♌38'43	0°-27'-7
minimum elong	-4918 Sep 18 j 10:34	18°♌36'35	0°26'40
min. Earth dist.	-4918 Sep 18 j 02:26	19°♌04'31	0.67371 AU
asc. node	-4918 Sep 19 j 17:52	16°♌50'26	
morning rise	-4918 Sep 23 j 19:17	12°♌24'56	
direct	-4918 Sep 27 j 22:01	10°♌50'36	
morning max el	-4918 Oct 06 j 15:14	16°♌00'15	21°23'54
greatest brilliancy	-4918 Oct 11 j 22:06	22°♌07'58	-0.4m
	-4918 Oct 17 j 18:40	0°♍	
desc. node	-4918 Nov 01 j 20:56	22°♍20'55	
morning set	-4918 Nov 06 j 10:57	29°♍29'13	
	-4918 Nov 06 j 18:45	0°♎	
max. Earth dist.	-4918 Nov 14 j 02:13	11°♎45'38	1.42207 AU
superior conj	-4918 Nov 21 j 08:45	23°♎58'49	-1°-42'-27
minimum elong	-4918 Nov 21 j 04:26	23°♎40'15	1°42'17
	-4918 Nov 24 j 19:49	0°♏	
evening rise	-4918 Dec 02 j 14:09	13°♏54'51	
	-4918 Dec 11 j 16:59	0°♐	
asc. node	-4918 Dec 16 j 16:32	7°♐21'09	
evening max el	-4918 Dec 19 j 03:47	10°♐09'36	18°08'36
retrograde	-4918 Dec 25 j 22:35	13°♐38'49	
evening set	-4918 Dec 28 j 13:07	13°♐08'13	
inferior conj	-4917 Jan 04 j 07:46	8°♐08'20	4°04'19
minimum elong	-4917 Jan 04 j 06:43	8°♐10'49	4°04'02
min. Earth dist.	-4917 Jan 07 j 09:16	5°♐14'39	0.61258 AU
morning rise	-4917 Jan 10 j 21:51	2°♐24'49	
direct	-4917 Jan 17 j 21:05	0°♐02'33	
desc. node	-4917 Jan 28 j 20:49	4°♐57'17	
morning max el	-4917 Jan 31 j 22:32	7°♐43'12	27°33'30
	-4917 Feb 17 j 23:12	0°♑	
morning set	-4917 Mar 05 j 05:41	27°♑54'49	
	-4917 Mar 06 j 05:55	0°♒	
max. Earth dist.	-4917 Mar 11 j 10:44	11°♒05'12	1.32708 AU
superior conj	-4917 Mar 12 j 12:17	13°♒24'14	0°-22'-7
minimum elong	-4917 Mar 12 j 13:17	13°♒29'37	0°22'08
asc. node	-4917 Mar 14 j 15:50	18°♒05'16	
evening rise	-4917 Mar 19 j 12:55	28°♒34'33	
	-4917 Mar 20 j 05:14	0°♓	
	-4917 Apr 06 j 07:02	0°♈	
evening max el	-4917 Apr 14 j 19:45	10°♈02'23	25°01'47
desc. node	-4917 Apr 26 j 19:31	17°♈00'40	
retrograde	-4917 Apr 28 j 20:50	17°♈10'35	
evening set	-4917 May 03 j 22:17	16°♈11'28	
min. Earth dist.	-4917 May 09 j 08:09	13°♈17'38	0.57470 AU
inferior conj	-4917 May 12 j 08:40	11°♈15'27	-3°-35'-26
minimum elong	-4917 May 12 j 03:55	11°♈23'32	3°34'33
morning rise	-4917 May 20 j 13:47	7°♈02'38	
direct	-4917 May 23 j 00:11	6°♈45'11	
morning max el	-4917 May 31 j 20:13	10°♈52'59	19°06'57
asc. node	-4917 Jun 10 j 15:41	24°♈25'18	
	-4917 Jun 13 j 17:08	0°♉	
morning set	-4917 Jun 17 j 15:13	7°♉35'38	
superior conj	-4917 Jun 26 j 02:27	24°♉16'04	1°47'10
minimum elong	-4917 Jun 26 j 01:07	24°♉09'40	1°47'19
	-4917 Jun 29 j 02:40	0°♊	
max. Earth dist.	-4917 Jul 02 j 13:24	6°♊22'16	1.38348 AU
evening rise	-4917 Jul 06 j 12:07	13°♊23'40	
	-4917 Jul 16 j 12:39	0°♋	

desc. node	-4917 Jul 23 j 18:06	10°♋57'45	
	-4917 Aug 07 j 03:26	0°♌	
evening max el	-4917 Aug 11 j 04:41	4°♌21'20	24°42'40
retrograde	-4917 Aug 22 j 16:02	11°♌04'01	
evening set	-4917 Aug 28 j 06:11	8°♌41'18	
min. Earth dist.	-4917 Sep 01 j 21:15	3°♌22'11	0.67113 AU
inferior conj	-4917 Sep 02 j 15:21	2°♌21'45	-1°-19'-37
minimum elong	-4917 Sep 02 j 17:10	2°♌15'41	1°18'40
	-4917 Sep 04 j 10:51	30°♋	
asc. node	-4917 Sep 06 j 14:59	27°♋33'31	
morning rise	-4917 Sep 08 j 04:28	26°♋14'45	
direct	-4917 Sep 11 j 19:22	24°♋59'04	
morning max el	-4917 Sep 19 j 13:49	29°♋30'46	20°11'38
	-4917 Sep 20 j 01:02	0°♌	
greatest brilliancy	-4917 Sep 26 j 14:48	8°♌09'21	-0.6m
	-4917 Oct 11 j 09:37	0°♍	
morning set	-4917 Oct 16 j 09:50	7°♍43'05	
desc. node	-4917 Oct 19 j 17:52	12°♍54'25	
max. Earth dist.	-4917 Oct 27 j 11:53	25°♍09'33	1.43707 AU
	-4917 Oct 30 j 12:01	0°♎	
superior conj	-4917 Nov 01 j 21:09	3°♎52'39	-1°-16'-42
minimum elong	-4917 Nov 01 j 14:31	3°♎25'29	1°16'03
evening rise	-4917 Nov 14 j 22:26	25°♎52'45	
	-4917 Nov 17 j 07:41	0°♏	
evening max el	-4917 Dec 02 j 16:19	23°♏25'08	18°12'53
asc. node	-4917 Dec 03 j 13:38	24°♏16'09	
retrograde	-4917 Dec 09 j 05:44	26°♏56'11	
evening set	-4917 Dec 11 j 23:31	26°♏17'41	
inferior conj	-4917 Dec 18 j 07:45	20°♏57'07	3°47'03
minimum elong	-4917 Dec 18 j 05:04	21°♏04'17	3°46'27
min. Earth dist.	-4917 Dec 20 j 20:08	18°♏16'01	0.63091 AU
morning rise	-4917 Dec 24 j 08:52	15°♏01'17	
direct	-4917 Dec 31 j 10:25	12°♏17'34	
morning max el	-4916 Jan 14 j 04:50	20°♏00'11	27°39'41
desc. node	-4916 Jan 15 j 17:51	21°♏34'26	
	-4916 Jan 22 j 20:21	0°♐	
	-4916 Feb 10 j 21:01	0°♑	
morning set	-4916 Feb 17 j 06:38	12°♑18'16	
max. Earth dist.	-4916 Feb 22 j 18:17	23°♑39'39	1.33170 AU
superior conj	-4916 Feb 24 j 21:21	28°♑12'45	0°-46'-26
minimum elong	-4916 Feb 24 j 23:20	28°♑23'29	0°46'19
	-4916 Feb 25 j 17:16	0°♒	
asc. node	-4916 Feb 29 j 12:49	8°♒13'45	
evening rise	-4916 Mar 03 j 00:32	13°♒31'07	
	-4916 Mar 11 j 10:31	0°♓	
evening max el	-4916 Mar 26 j 12:03	20°♓49'19	23°30'08
retrograde	-4916 Apr 09 j 01:37	27°♓32'13	
evening set	-4916 Apr 12 j 19:51	27°♓01'13	
desc. node	-4916 Apr 12 j 16:39	27°♓03'20	
min. Earth dist.	-4916 Apr 19 j 23:29	23°♓43'53	0.55984 AU
inferior conj	-4916 Apr 21 j 22:23	22°♓33'51	-2°-23'-42
minimum elong	-4916 Apr 21 j 16:59	22°♓41'57	2°22'14
morning rise	-4916 Apr 30 j 17:28	18°♓34'04	
direct	-4916 May 03 j 04:24	18°♓18'59	
morning max el	-4916 May 13 j 13:48	23°♓09'20	20°10'00
	-4916 May 19 j 09:25	0°♈	
asc. node	-4916 May 27 j 12:41	13°♈41'20	
morning set	-4916 May 31 j 18:49	22°♈05'21	
	-4916 Jun 04 j 15:48	0°♉	
superior conj	-4916 Jun 08 j 15:35	8°♉06'42	1°37'25
minimum elong	-4916 Jun 08 j 13:08	7°♉54'24	1°37'21
max. Earth dist.	-4916 Jun 13 j 18:00	18°♉08'30	1.36558 AU
evening rise	-4916 Jun 17 j 20:04	25°♉48'04	
	-4916 Jun 20 j 03:52	0°♊	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4916 Jul 09 j 00:12	0°♋	
desc. node	-4916 Jul 09 j 15:10	0°♋52'20	
evening max el	-4916 Jul 23 j 15:22	17°♋51'47	25°54'20
retrograde	-4916 Aug 05 j 00:38	24°♋58'12	
evening set	-4916 Aug 11 j 05:38	22°♋19'58	
min. Earth dist.	-4916 Aug 15 j 12:05	17°♋38'51	0.66529 AU
inferior conj	-4916 Aug 16 j 17:50	16°♋04'19	-2°-9'-43
minimum elong	-4916 Aug 16 j 20:40	15°♋55'18	2°08'28
morning rise	-4916 Aug 22 j 12:20	10°♋07'31	
asc. node	-4916 Aug 23 j 12:07	9°♋36'17	
direct	-4916 Aug 25 j 17:38	9°♋07'33	
morning max el	-4916 Sep 01 j 19:19	13°♋09'00	19°13'05
	-4916 Sep 14 j 04:08	0°♌	
morning set	-4916 Sep 24 j 17:16	16°♌27'16	
	-4916 Oct 03 j 08:15	0°♍	
desc. node	-4916 Oct 05 j 14:46	3°♍34'28	
max. Earth dist.	-4916 Oct 09 j 03:28	9°♍08'28	1.44597 AU
superior conj	-4916 Oct 11 j 07:48	12°♍35'36	0°-35'-27
minimum elong	-4916 Oct 11 j 03:25	12°♍18'12	0°34'48
	-4916 Oct 22 j 04:05	0°♎	
evening rise	-4916 Oct 26 j 08:57	6°♎52'11	
	-4916 Nov 09 j 19:36	0°♏	
evening max el	-4916 Nov 15 j 04:47	6°♏48'23	18°35'32
asc. node	-4916 Nov 19 j 10:47	9°♏59'34	
retrograde	-4916 Nov 21 j 20:45	10°♏31'21	
evening set	-4916 Nov 24 j 19:19	9°♏43'06	
inferior conj	-4916 Nov 30 j 19:12	4°♏04'11	3°15'32
minimum elong	-4916 Nov 30 j 15:57	4°♏13'46	3°14'36
min. Earth dist.	-4916 Dec 02 j 16:55	1°♏49'35	0.64625 AU
	-4916 Dec 04 j 08:26	30°℞♎	
morning rise	-4916 Dec 06 j 11:24	27°♎58'50	
direct	-4916 Dec 13 j 06:29	25°♎09'06	
	-4916 Dec 23 j 13:17	0°♏	
morning max el	-4916 Dec 26 j 14:01	2°♏47'02	27°11'42
desc. node	-4915 Jan 01 j 14:52	9°♏29'15	
	-4915 Jan 16 j 03:03	0°♐	
morning set	-4915 Jan 30 j 22:40	26°♐09'51	
	-4915 Feb 01 j 21:27	0°♑	
max. Earth dist.	-4915 Feb 04 j 17:16	5°♑42'38	1.34047 AU
superior conj	-4915 Feb 08 j 02:15	12°♑43'48	-1°-9'-15
minimum elong	-4915 Feb 08 j 05:00	12°♑58'14	1°09'05
evening rise	-4915 Feb 15 j 11:09	28°♑19'05	
asc. node	-4915 Feb 15 j 09:50	28°♑12'14	
	-4915 Feb 16 j 06:35	0°♒	
	-4915 Mar 06 j 16:21	0°♓	
evening max el	-4915 Mar 08 j 07:30	1°♓38'43	21°56'59
retrograde	-4915 Mar 20 j 18:39	7°♓39'46	
evening set	-4915 Mar 23 j 13:50	7°♓22'22	
desc. node	-4915 Mar 30 j 13:50	4°♓34'40	
inferior conj	-4915 Apr 01 j 21:13	3°♓17'44	0°-37'-58
minimum elong	-4915 Apr 01 j 19:27	3°♓20'13	0°37'31
min. Earth dist.	-4915 Apr 01 j 13:34	3°♓28'30	0.55248 AU
	-4915 Apr 08 j 13:57	30°℞♒	
morning rise	-4915 Apr 11 j 02:04	29°♒17'46	
direct	-4915 Apr 13 j 19:15	29°♒01'15	
	-4915 Apr 18 j 19:01	0°♓	
morning max el	-4915 Apr 25 j 20:25	4°♓43'38	21°31'49
	-4915 May 12 j 17:30	0°♈	
asc. node	-4915 May 14 j 09:40	3°♈20'14	
morning set	-4915 May 16 j 03:17	6°♈52'48	
superior conj	-4915 May 23 j 14:12	22°♈28'05	1°22'02
minimum elong	-4915 May 23 j 11:27	22°♈13'51	1°21'46
	-4915 May 27 j 06:24	0°♉	
max. Earth dist.	-4915 May 27 j 07:08	0°♉03'38	1.35058 AU
evening rise	-4915 May 31 j 21:52	9°♉07'33	
	-4915 Jun 12 j 16:54	0°♊	
desc. node	-4915 Jun 26 j 12:16	20°♊17'33	
	-4915 Jul 04 j 18:53	0°♋	
evening max el	-4915 Jul 06 j 02:38	1°♋19'21	26°49'31
retrograde	-4915 Jul 19 j 04:13	8°♋39'15	
evening set	-4915 Jul 25 j 21:58	5°♋52'26	
min. Earth dist.	-4915 Jul 29 j 20:30	1°♋50'30	0.65580 AU
	-4915 Jul 31 j 09:53	30°℞♊	
inferior conj	-4915 Jul 31 j 15:23	29°♊43'39	-2°-55'-26
minimum elong	-4915 Jul 31 j 18:52	29°♊33'20	2°54'09
morning rise	-4915 Aug 06 j 16:51	24°♊00'27	
direct	-4915 Aug 09 j 14:49	23°♊13'06	
asc. node	-4915 Aug 10 j 09:15	23°♊16'22	
morning max el	-4915 Aug 16 j 06:20	26°♊53'05	18°30'21
	-4915 Aug 18 j 23:29	0°♋	
morning set	-4915 Sep 05 j 01:05	26°♋23'50	
	-4915 Sep 07 j 06:20	0°♌	
superior conj	-4915 Sep 20 j 07:08	20°♌50'36	0°13'46
minimum elong	-4915 Sep 20 j 08:55	20°♌57'41	0°13'42
behind sun begin	-4915 Sep 20 j 02:43	20°♌33'09	
behind sun end	-4915 Sep 20 j 15:08	21°♌22'12	
max. Earth dist.	-4915 Sep 21 j 21:46	23°♌23'08	1.44772 AU
desc. node	-4915 Sep 22 j 11:41	24°♌18'01	
	-4915 Sep 26 j 02:32	0°♍	
evening rise	-4915 Oct 06 j 18:23	16°♍46'57	
	-4915 Oct 15 j 03:56	0°♎	
greatest brilliancy	-4915 Oct 18 j 14:07	5°♎18'14	-0.7m
evening max el	-4915 Oct 29 j 14:35	20°♎14'54	19°15'19
retrograde	-4915 Nov 05 j 16:15	24°♎18'46	
asc. node	-4915 Nov 06 j 07:58	24°♎16'18	
evening set	-4915 Nov 08 j 21:32	23°♎18'29	
inferior conj	-4915 Nov 14 j 14:59	17°♎24'22	2°34'35
minimum elong	-4915 Nov 14 j 11:57	17°♎34'01	2°33'32
min. Earth dist.	-4915 Nov 15 j 22:54	15°♎43'04	0.65806 AU
morning rise	-4915 Nov 20 j 01:31	11°♎11'55	
direct	-4915 Nov 26 j 08:36	8°♎28'53	
morning max el	-4915 Dec 08 j 23:47	15°♎52'33	26°15'44
desc. node	-4915 Dec 19 j 11:51	28°♎18'57	
	-4915 Dec 20 j 17:47	0°♏	
	-4914 Jan 08 j 22:40	0°♐	
morning set	-4914 Jan 14 j 01:53	9°♐17'59	
max. Earth dist.	-4914 Jan 18 j 05:04	17°♐11'58	1.35365 AU
superior conj	-4914 Jan 23 j 00:42	26°♐50'22	-1°-29'-10
minimum elong	-4914 Jan 23 j 03:42	27°♐05'41	1°29'05
	-4914 Jan 24 j 13:41	0°♑	
evening rise	-4914 Jan 30 j 18:58	12°♑52'37	
asc. node	-4914 Feb 02 j 06:52	17°♑55'58	
	-4914 Feb 08 j 18:54	0°♒	
evening max el	-4914 Feb 18 j 11:21	12°♒53'45	20°33'59
retrograde	-4914 Mar 01 j 08:46	18°♒03'58	
evening set	-4914 Mar 03 j 18:04	17°♒50'04	
inferior conj	-4914 Mar 12 j 17:23	13°♒51'56	1°16'53
minimum elong	-4914 Mar 12 j 20:41	13°♒47'07	1°15'37
min. Earth dist.	-4914 Mar 14 j 03:35	13°♒02'04	0.55427 AU
desc. node	-4914 Mar 17 j 11:00	11°♒14'17	
morning rise	-4914 Mar 21 j 21:25	9°♒33'48	
direct	-4914 Mar 25 j 08:15	9°♒07'53	
morning max el	-4914 Apr 07 j 17:16	15°♒40'20	23°07'07
	-4914 Apr 18 j 22:06	0°♓	
morning set	-4914 Apr 30 j 14:33	21°♓51'14	
asc. node	-4914 May 01 j 06:37	23°♓15'26	
	-4914 May 04 j 10:45	0°♈	
superior conj	-4914 May 07 j 19:14	7°♈10'31	1°02'42

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-4914 May 07 j 16:49	6°♈57'36	1°02'19
max. Earth dist.	-4914 May 10 j 06:06	12°♈21'48	1.33917 AU
evening rise	-4914 May 15 j 12:35	23°♈07'33	
	-4914 May 19 j 01:54	0°♉	
	-4914 Jun 06 j 09:07	0°♊	
desc. node	-4914 Jun 13 j 09:25	9°♊00'29	
evening max el	-4914 Jun 18 j 13:33	14°♊33'02	27°20'44
retrograde	-4914 Jul 02 j 02:25	21°♊58'25	
evening set	-4914 Jul 09 j 04:13	19°♊13'59	
min. Earth dist.	-4914 Jul 12 j 20:31	15°♊48'32	0.64243 AU
inferior conj	-4914 Jul 15 j 05:33	13°♊14'40	-3°-34'-8
minimum elong	-4914 Jul 15 j 09:02	13°♊05'15	3°33'10
morning rise	-4914 Jul 21 j 15:31	7°♊48'11	
direct	-4914 Jul 24 j 08:17	7°♊10'39	
asc. node	-4914 Jul 28 j 06:20	8°♊28'49	
morning max el	-4914 Jul 30 j 20:29	10°♊38'02	18°04'43
	-4914 Aug 13 j 00:23	0°♋	
morning set	-4914 Aug 17 j 11:38	7°♋36'17	
superior conj	-4914 Aug 30 j 17:58	29°♋42'33	0°58'11
minimum elong	-4914 Aug 30 j 23:44	0°♌05'54	0°57'45
	-4914 Aug 30 j 22:17	0°♌	
max. Earth dist.	-4914 Sep 04 j 14:47	7°♌31'45	1.44225 AU
desc. node	-4914 Sep 09 j 08:37	15°♌01'41	
evening rise	-4914 Sep 16 j 05:35	25°♌44'12	
	-4914 Sep 18 j 23:55	0°♍	
greatest brilliancy	-4914 Oct 05 j 21:12	25°♍08'06	-0.6m
	-4914 Oct 09 j 14:05	0°♎	
evening max el	-4914 Oct 12 j 19:31	3°♎41'05	20°10'37
retrograde	-4914 Oct 20 j 13:26	8°♎13'46	
evening set	-4914 Oct 24 j 03:37	6°♎58'48	
asc. node	-4914 Oct 24 j 05:10	6°♎56'05	
inferior conj	-4914 Oct 29 j 16:22	0°♎53'00	1°47'25
minimum elong	-4914 Oct 29 j 14:03	1°♎00'44	1°46'33
	-4914 Oct 30 j 08:13	30°℞♍	
min. Earth dist.	-4914 Oct 30 j 12:02	29°♍47'17	0.66643 AU
morning rise	-4914 Nov 03 j 23:53	24°♍36'10	
direct	-4914 Nov 09 j 16:21	22°♍08'25	
morning max el	-4914 Nov 21 j 08:47	29°♍05'11	25°00'26
	-4914 Nov 22 j 06:10	0°♎	
desc. node	-4914 Dec 06 j 08:47	17°♎46'51	
	-4914 Dec 14 j 13:42	0°♏	
morning set	-4914 Dec 27 j 11:02	21°♏27'30	
max. Earth dist.	-4914 Dec 31 j 05:58	28°♏19'56	1.37093 AU
	-4913 Jan 01 j 03:30	0°♐	
superior conj	-4913 Jan 06 j 13:38	10°♐23'27	-1°-44'-22
minimum elong	-4913 Jan 06 j 16:04	10°♐35'27	1°44'27
evening rise	-4913 Jan 14 j 21:53	27°♐05'11	
	-4913 Jan 16 j 08:57	0°♑	
asc. node	-4913 Jan 20 j 03:56	7°♑19'07	
evening max el	-4913 Feb 01 j 01:46	24°♑44'45	19°27'55
retrograde	-4913 Feb 10 j 07:57	29°♑08'19	
evening set	-4913 Feb 12 j 16:35	28°♑52'28	
inferior conj	-4913 Feb 21 j 00:44	24°♑45'33	2°49'38
minimum elong	-4913 Feb 21 j 05:53	24°♑37'07	2°48'06
min. Earth dist.	-4913 Feb 23 j 18:22	22°♑58'49	0.56476 AU
morning rise	-4913 Mar 01 j 15:34	19°♑58'24	
desc. node	-4913 Mar 04 j 08:09	19°♑18'07	
direct	-4913 Mar 06 j 06:59	19°♑09'18	
morning max el	-4913 Mar 20 j 08:42	26°♑17'44	24°45'24
	-4913 Mar 23 j 21:04	0°♒	
	-4913 Apr 11 j 17:55	0°♓	
morning set	-4913 Apr 15 j 02:52	6°♓54'44	
asc. node	-4913 Apr 18 j 03:33	13°♓21'52	
superior conj	-4913 Apr 22 j 04:23	22°♓06'32	0°40'39
minimum elong	-4913 Apr 22 j 02:41	21°♓57'17	0°40'16
max. Earth dist.	-4913 Apr 23 j 13:15	25°♓04'08	1.33142 AU
	-4913 Apr 25 j 20:35	0°♈	
evening rise	-4913 Apr 29 j 12:23	7°♈36'18	
	-4913 May 11 j 13:40	0°♉	
desc. node	-4913 May 31 j 06:34	26°♉43'16	
evening max el	-4913 May 31 j 22:15	27°♉21'28	27°22'05
	-4913 Jun 03 j 21:57	0°♊	
retrograde	-4913 Jun 14 j 18:37	4°♊46'46	
evening set	-4913 Jun 21 j 20:48	2°♊18'43	
	-4913 Jun 24 j 18:06	30°℞♉	
min. Earth dist.	-4913 Jun 25 j 10:59	29°♉21'25	0.62542 AU
inferior conj	-4913 Jun 28 j 09:26	26°♉31'38	-4°-1'-58
minimum elong	-4913 Jun 28 j 11:55	26°♉25'37	4°01'29
morning rise	-4913 Jul 05 j 05:26	21°♉24'28	
direct	-4913 Jul 07 j 18:59	20°♉54'22	
morning max el	-4913 Jul 14 j 11:07	24°♉18'17	17°57'09
asc. node	-4913 Jul 15 j 03:22	24°♉59'49	
	-4913 Jul 19 j 02:04	0°♊	
morning set	-4913 Jul 30 j 20:42	19°♊53'25	
	-4913 Aug 05 j 13:30	0°♋	
superior conj	-4913 Aug 11 j 06:39	9°♋51'44	1°29'13
minimum elong	-4913 Aug 11 j 11:47	10°♋13'28	1°29'03
max. Earth dist.	-4913 Aug 18 j 03:34	21°♋16'38	1.43040 AU
	-4913 Aug 23 j 14:07	0°♌	
evening rise	-4913 Aug 26 j 09:07	4°♌23'04	
desc. node	-4913 Aug 27 j 05:34	5°♌42'40	
	-4913 Sep 12 j 10:37	0°♍	
greatest brilliancy	-4913 Sep 20 j 12:23	11°♍00'51	-0.4m
evening max el	-4913 Sep 25 j 18:23	17°♍06'27	21°18'55
retrograde	-4913 Oct 04 j 10:05	22°♍14'11	
evening set	-4913 Oct 08 j 11:31	20°♍41'49	
asc. node	-4913 Oct 11 j 02:19	18°♍06'31	
inferior conj	-4913 Oct 13 j 21:11	14°♍27'55	0°56'26
minimum elong	-4913 Oct 13 j 19:55	14°♍32'19	0°55'59
min. Earth dist.	-4913 Oct 14 j 05:56	13°♍57'55	0.67163 AU
morning rise	-4913 Oct 19 j 03:57	8°♍09'46	
direct	-4913 Oct 24 j 05:08	6°♍01'57	
morning max el	-4913 Nov 03 j 17:56	12°♍19'50	23°35'31
	-4913 Nov 17 j 21:38	0°♎	
desc. node	-4913 Nov 23 j 05:40	7°♎41'59	
	-4913 Dec 07 j 10:08	0°♏	
morning set	-4913 Dec 08 j 20:00	2°♏22'05	
max. Earth dist.	-4913 Dec 13 j 01:40	9°♏39'22	1.39104 AU
superior conj	-4913 Dec 20 j 13:02	23°♏12'08	-1°-52'-23
minimum elong	-4913 Dec 20 j 13:45	23°♏15'31	1°52'35
	-4913 Dec 24 j 03:06	0°♐	
evening rise	-4913 Dec 29 j 17:21	10°♐49'58	
asc. node	-4912 Jan 07 j 01:00	26°♐14'09	
	-4912 Jan 09 j 09:15	0°♑	
evening max el	-4912 Jan 15 j 01:45	7°♑09'08	18°41'21
retrograde	-4912 Jan 23 j 00:08	10°♑59'36	
evening set	-4912 Jan 25 j 11:07	10°♑38'53	
inferior conj	-4912 Feb 02 j 03:05	6°♑13'37	3°44'57
minimum elong	-4912 Feb 02 j 06:26	6°♑07'15	3°44'14
min. Earth dist.	-4912 Feb 05 j 10:58	3°♑43'32	0.58158 AU
morning rise	-4912 Feb 09 j 22:08	0°♑59'41	
	-4912 Feb 12 j 14:20	30°℞♐	
direct	-4912 Feb 15 j 18:57	29°♐34'30	
desc. node	-4912 Feb 19 j 05:15	0°♑03'16	
	-4912 Feb 19 j 00:22	0°♑	
morning max el	-4912 Mar 01 j 00:40	7°♑01'52	26°12'11
	-4912 Mar 18 j 01:54	0°♒	
morning set	-4912 Mar 29 j 14:28	21°♒56'03	
	-4912 Apr 02 j 09:07	0°♓	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-4912 Apr 04 j 00:29	3°♓34'14	
superior conj	-4912 Apr 05 j 15:38	7°♓08'10	0°16'52
minimum elong	-4912 Apr 05 j 14:54	7°♓04'09	0°16'35
max. Earth dist.	-4912 Apr 06 j 01:25	8°♓01'37	1.32714 AU
evening rise	-4912 Apr 12 j 18:14	22°♓22'50	
	-4912 Apr 16 j 12:49	0°♈	
	-4912 May 04 j 18:17	0°♉	
evening max el	-4912 May 13 j 02:26	9°♉33'10	26°50'39
desc. node	-4912 May 17 j 03:44	12°♉59'47	
retrograde	-4912 May 27 j 03:21	16°♉54'43	
evening set	-4912 Jun 02 j 19:33	14°♉56'48	
min. Earth dist.	-4912 Jun 06 j 15:58	12°♉13'41	0.60578 AU
inferior conj	-4912 Jun 09 j 23:35	9°♉25'36	-4°-13'-3
minimum elong	-4912 Jun 09 j 23:46	9°♉25'12	4°12'55
morning rise	-4912 Jun 17 j 07:12	4°♉39'41	
direct	-4912 Jun 19 j 19:05	4°♉15'15	
morning max el	-4912 Jun 26 j 23:24	7°♉45'55	18°08'34
asc. node	-4912 Jul 01 j 00:20	12°♉32'59	
	-4912 Jul 11 j 08:02	0°♊	
morning set	-4912 Jul 12 j 22:53	3°♊00'49	
superior conj	-4912 Jul 22 j 22:12	21°♊20'50	1°45'31
minimum elong	-4912 Jul 23 j 00:35	21°♊31'25	1°45'40
	-4912 Jul 27 j 20:41	0°♋	
max. Earth dist.	-4912 Jul 30 j 11:00	4°♋25'05	1.41375 AU
evening rise	-4912 Aug 05 j 01:25	13°♋39'08	
desc. node	-4912 Aug 13 j 02:34	26°♋17'18	
	-4912 Aug 15 j 13:21	0°♌	
greatest brilliancy	-4912 Sep 02 j 16:39	25°♌10'25	-0.3m
	-4912 Sep 06 j 22:53	0°♍	
evening max el	-4912 Sep 07 j 11:15	0°♍31'40	22°36'22
retrograde	-4912 Sep 17 j 04:41	6°♍17'48	
evening set	-4912 Sep 21 j 19:25	4°♍25'55	
	-4912 Sep 25 j 18:38	30°℞♌	
asc. node	-4912 Sep 26 j 23:27	28°♌21'39	
inferior conj	-4912 Sep 27 j 03:36	28°♌07'18	0°03'33
minimum elong	-4912 Sep 27 j 03:31	28°♌07'36	0°03'40
transit middle	-4912 Sep 27 j 03:31	28°♌07'36	0°03'40
transit begin	-4912 Sep 27 j 00:53	28°♌16'41	
transit end	-4912 Sep 27 j 06:09	27°♌58'32	
min. Earth dist.	-4912 Sep 27 j 02:02	28°♌12'44	0.67381 AU
morning rise	-4912 Oct 02 j 11:30	21°♌51'07	
direct	-4912 Oct 06 j 22:06	20°♌04'40	
morning max el	-4912 Oct 16 j 06:18	25°♌38'24	22°10'15
	-4912 Oct 20 j 03:59	0°♍	
greatest brilliancy	-4912 Oct 21 j 01:06	1°♍04'12	-0.4m
desc. node	-4912 Nov 09 j 02:34	27°♍56'37	
	-4912 Nov 10 j 10:51	0°♎	
morning set	-4912 Nov 18 j 00:33	11°♎53'35	
max. Earth dist.	-4912 Nov 24 j 00:35	21°♎44'43	1.41144 AU
	-4912 Nov 28 j 20:40	0°♏	
superior conj	-4912 Dec 01 j 17:48	5°♏03'23	-1°-50'00
minimum elong	-4912 Dec 01 j 15:31	4°♏53'15	1°50'04
evening rise	-4912 Dec 12 j 02:22	24°♏00'20	
	-4912 Dec 15 j 07:57	0°♐	
asc. node	-4912 Dec 23 j 22:07	14°♐32'06	
evening max el	-4912 Dec 28 j 08:51	19°♐59'38	18°14'50
retrograde	-4911 Jan 04 j 10:33	23°♐32'32	
evening set	-4911 Jan 06 j 23:51	23°♐05'42	
inferior conj	-4911 Jan 14 j 01:31	18°♐18'14	4°05'08
minimum elong	-4911 Jan 14 j 01:56	18°♐17'20	4°04'53
min. Earth dist.	-4911 Jan 17 j 08:10	15°♐26'45	0.60128 AU
morning rise	-4911 Jan 21 j 01:10	12°♐44'06	
direct	-4911 Jan 27 j 18:16	10°♐40'41	
desc. node	-4911 Feb 05 j 02:18	13°♐31'39	
morning max el	-4911 Feb 10 j 21:55	18°♐16'56	27°13'29
	-4911 Feb 20 j 18:46	0°♑	
	-4911 Mar 10 j 14:53	0°♒	
morning set	-4911 Mar 13 j 23:37	6°♒48'45	
max. Earth dist.	-4911 Mar 20 j 14:59	21°♒01'48	1.32620 AU
superior conj	-4911 Mar 21 j 03:20	22°♒09'21	0°-7'-49
minimum elong	-4911 Mar 21 j 03:42	22°♒11'18	0°07'57
behind sun begin	-4911 Mar 20 j 23:20	21°♒47'27	
behind sun end	-4911 Mar 21 j 08:03	22°♒35'09	
asc. node	-4911 Mar 21 j 21:27	23°♒48'22	
	-4911 Mar 24 j 17:38	0°♓	
evening rise	-4911 Mar 28 j 03:50	7°♓18'51	
	-4911 Apr 09 j 03:29	0°♈	
evening max el	-4911 Apr 25 j 00:28	21°♈03'03	25°48'22
desc. node	-4911 May 04 j 00:54	27°♈16'34	
retrograde	-4911 May 09 j 02:40	28°♈17'38	
evening set	-4911 May 14 j 21:17	26°♈57'22	
min. Earth dist.	-4911 May 19 j 13:03	24°♈11'59	0.58556 AU
inferior conj	-4911 May 22 j 20:22	21°♈47'12	-3°-58'-52
minimum elong	-4911 May 22 j 17:17	21°♈52'53	3°58'28
morning rise	-4911 May 30 j 17:15	17°♈23'01	
direct	-4911 Jun 02 j 04:19	17°♈03'10	
morning max el	-4911 Jun 10 j 06:31	20°♈52'52	18°39'49
	-4911 Jun 17 j 07:48	0°♉	
asc. node	-4911 Jun 17 j 21:18	0°♉54'34	
morning set	-4911 Jun 26 j 13:36	16°♉46'56	
	-4911 Jul 03 j 09:42	0°♊	
superior conj	-4911 Jul 05 j 11:46	3°♊56'54	1°49'24
minimum elong	-4911 Jul 05 j 11:31	3°♊55'47	1°49'36
max. Earth dist.	-4911 Jul 12 j 13:48	16°♊51'10	1.39461 AU
evening rise	-4911 Jul 16 j 18:42	24°♊07'07	
	-4911 Jul 20 j 07:24	0°♋	
desc. node	-4911 Jul 30 j 23:35	16°♋40'57	
	-4911 Aug 09 j 08:36	0°♌	
evening max el	-4911 Aug 20 j 23:37	13°♌57'31	23°57'19
retrograde	-4911 Aug 31 j 19:58	20°♌21'03	
evening set	-4911 Sep 06 j 01:32	18°♌08'59	
inferior conj	-4911 Sep 11 j 09:50	11°♌48'57	0°-49'-35
minimum elong	-4911 Sep 11 j 10:59	11°♌45'04	0°48'54
min. Earth dist.	-4911 Sep 10 j 21:54	12°♌29'31	0.67300 AU
asc. node	-4911 Sep 13 j 20:34	8°♌37'05	
morning rise	-4911 Sep 16 j 20:36	5°♌37'53	
direct	-4911 Sep 20 j 18:06	4°♌11'45	
morning max el	-4911 Sep 29 j 00:48	9°♌03'53	20°51'47
greatest brilliancy	-4911 Oct 04 j 22:01	16°♌01'56	-0.5m
	-4911 Oct 14 j 19:57	0°♍	
desc. node	-4911 Oct 26 j 23:27	18°♍24'18	
morning set	-4911 Oct 28 j 05:19	20°♍20'23	
	-4911 Nov 03 j 08:13	0°♎	
max. Earth dist.	-4911 Nov 06 j 06:44	4°♎43'58	1.42912 AU
superior conj	-4911 Nov 12 j 22:03	15°♎41'55	-1°-33'-35
minimum elong	-4911 Nov 12 j 16:24	15°♎18'10	1°33'11
	-4911 Nov 21 j 05:24	0°♏	
evening rise	-4911 Nov 24 j 20:59	6°♏27'16	
	-4911 Dec 09 j 03:23	0°♐	
asc. node	-4911 Dec 10 j 19:15	2°♐01'01	
evening max el	-4911 Dec 11 j 20:09	3°♐07'22	18°08'02
retrograde	-4911 Dec 18 j 11:34	6°♐36'08	
evening set	-4911 Dec 21 j 03:23	6°♐02'16	
inferior conj	-4911 Dec 27 j 17:16	0°♐52'59	3°59'05
minimum elong	-4911 Dec 27 j 15:24	0°♐57'41	3°58'43
	-4911 Dec 28 j 14:17	30°℞♏	
min. Earth dist.	-4911 Dec 30 j 13:26	28°♏02'49	0.62070 AU
morning rise	-4910 Jan 03 j 01:20	25°♏03'48	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

direct	-4910 Jan 10 j 02:40	22°♏30'57	
desc. node	-4910 Jan 22 j 23:21	29°♏09'55	
	-4910 Jan 23 j 20:29	0°♐	
morning max el	-4910 Jan 24 j 01:34	0°♐12'23	27°40'34
	-4910 Feb 14 j 18:00	0°♑	
morning set	-4910 Feb 26 j 04:17	21°♑25'11	
	-4910 Mar 02 j 07:05	0°♒	
max. Earth dist.	-4910 Mar 04 j 02:00	3°♒49'58	1.32865 AU
superior conj	-4910 Mar 05 j 13:51	7°♒03'50	0°-32'-33
minimum elong	-4910 Mar 05 j 15:17	7°♒11'38	0°32'30
asc. node	-4910 Mar 08 j 18:27	13°♒59'57	
evening rise	-4910 Mar 12 j 15:14	22°♒16'51	
	-4910 Mar 16 j 09:37	0°♓	
	-4910 Apr 04 j 18:27	0°♈	
evening max el	-4910 Apr 06 j 17:25	1°♈58'50	24°23'43
retrograde	-4910 Apr 20 j 14:49	8°♈58'24	
desc. node	-4910 Apr 20 j 22:03	8°♈58'12	
evening set	-4910 Apr 25 j 03:04	8°♈12'41	
min. Earth dist.	-4910 May 01 j 05:22	5°♈10'25	0.56766 AU
inferior conj	-4910 May 03 j 21:16	3°♈28'49	-3°-9'-50
minimum elong	-4910 May 03 j 15:45	3°♈37'39	3°08'36
	-4910 May 10 j 07:16	30°℞♓	
morning rise	-4910 May 12 j 08:32	29°♓23'08	
direct	-4910 May 14 j 19:00	29°♓06'56	
	-4910 May 19 j 01:27	0°♈	
morning max el	-4910 May 24 j 05:49	3°♈30'35	19°31'25
asc. node	-4910 Jun 04 j 18:18	19°♈53'27	
	-4910 Jun 10 j 00:40	0°♉	
morning set	-4910 Jun 10 j 13:21	1°♉03'11	
superior conj	-4910 Jun 18 j 17:45	17°♉24'53	1°43'51
minimum elong	-4910 Jun 18 j 15:50	17°♉15'28	1°43'55
max. Earth dist.	-4910 Jun 24 j 15:48	28°♉44'27	1.37553 AU
	-4910 Jun 25 j 08:07	0°♊	
evening rise	-4910 Jun 28 j 13:50	5°♊52'17	
	-4910 Jul 13 j 05:50	0°♋	
desc. node	-4910 Jul 17 j 20:39	6°♋48'27	
evening max el	-4910 Aug 03 j 10:07	27°♋26'12	25°14'38
	-4910 Aug 06 j 05:11	0°♌	
retrograde	-4910 Aug 15 j 07:19	4°♌20'32	
evening set	-4910 Aug 21 j 04:02	1°♌50'15	
	-4910 Aug 23 j 00:21	30°℞♋	
min. Earth dist.	-4910 Aug 25 j 15:14	26°♋47'18	0.66905 AU
inferior conj	-4910 Aug 26 j 14:14	25°♋31'56	-1°-41'-16
minimum elong	-4910 Aug 26 j 16:31	25°♋24'28	1°40'10
asc. node	-4910 Aug 31 j 17:41	19°♋50'06	
morning rise	-4910 Sep 01 j 05:28	19°♋29'10	
direct	-4910 Sep 04 j 15:58	18°♋20'42	
morning max el	-4910 Sep 12 j 02:33	22°♋38'26	19°45'00
	-4910 Sep 18 j 03:20	0°♌	
greatest brilliancy	-4910 Sep 20 j 07:16	3°♌01'22	-0.6m
morning set	-4910 Oct 07 j 05:06	28°♌39'45	
	-4910 Oct 08 j 01:45	0°♍	
desc. node	-4910 Oct 13 j 20:23	9°♍01'03	
max. Earth dist.	-4910 Oct 19 j 19:25	18°♍25'30	1.44165 AU
superior conj	-4910 Oct 23 j 22:40	25°♍02'30	-1°00'-52
minimum elong	-4910 Oct 23 j 16:17	24°♍36'48	1°00'06
	-4910 Oct 27 j 00:09	0°♎	
evening rise	-4910 Nov 06 j 20:39	18°♎01'44	
	-4910 Nov 13 j 23:07	0°♏	
evening max el	-4910 Nov 25 j 08:56	16°♏26'20	18°20'15
asc. node	-4910 Nov 27 j 16:23	18°♏27'22	
retrograde	-4910 Dec 01 j 22:41	20°♏01'41	
evening set	-4910 Dec 04 j 18:11	19°♏19'24	
inferior conj	-4910 Dec 10 j 22:37	13°♏50'33	3°35'06
minimum elong	-4910 Dec 10 j 19:35	13°♏59'03	3°34'20
min. Earth dist.	-4910 Dec 13 j 04:44	11°♏19'21	0.63783 AU
morning rise	-4910 Dec 16 j 19:27	7°♏50'01	
direct	-4910 Dec 23 j 18:57	5°♏02'01	
morning max el	-4909 Jan 06 j 09:41	12°♏44'16	27°31'39
desc. node	-4909 Jan 09 j 20:24	16°♏23'21	
	-4909 Jan 20 j 07:56	0°♐	
	-4909 Feb 07 j 04:43	0°♑	
morning set	-4909 Feb 10 j 01:55	5°♑36'35	
max. Earth dist.	-4909 Feb 15 j 06:27	16°♑12'22	1.33491 AU
superior conj	-4909 Feb 17 j 21:25	21°♑45'34	0°-56'-23
minimum elong	-4909 Feb 17 j 23:47	21°♑58'08	0°56'13
	-4909 Feb 21 j 17:40	0°♒	
asc. node	-4909 Feb 23 j 15:28	4°♒04'35	
evening rise	-4909 Feb 25 j 02:39	7°♒10'17	
	-4909 Mar 09 j 08:45	0°♓	
evening max el	-4909 Mar 19 j 10:08	12°♓42'53	22°49'49
retrograde	-4909 Apr 01 j 14:42	19°♓10'41	
evening set	-4909 Apr 04 j 21:22	18°♓47'08	
desc. node	-4909 Apr 07 j 19:14	17°♓50'06	
min. Earth dist.	-4909 Apr 12 j 20:05	15°♓15'56	0.55559 AU
inferior conj	-4909 Apr 14 j 03:35	14°♓30'27	-1°-41'-58
minimum elong	-4909 Apr 13 j 23:15	14°♓36'43	1°40'42
morning rise	-4909 Apr 23 j 03:45	10°♓32'50	
direct	-4909 Apr 25 j 16:00	10°♓17'57	
morning max el	-4909 May 06 j 18:57	15°♓29'58	20°42'48
	-4909 May 17 j 14:06	0°♈	
asc. node	-4909 May 22 j 15:17	9°♈19'52	
morning set	-4909 May 25 j 19:18	15°♈41'06	
	-4909 Jun 01 j 17:46	0°♉	
superior conj	-4909 Jun 02 j 11:23	1°♉30'09	1°31'29
minimum elong	-4909 Jun 02 j 08:44	1°♉16'36	1°31'19
max. Earth dist.	-4909 Jun 06 j 23:14	10°♉30'06	1.35871 AU
evening rise	-4909 Jun 11 j 06:03	18°♉42'03	
	-4909 Jun 17 j 13:05	0°♊	
desc. node	-4909 Jul 04 j 17:44	26°♊31'50	
	-4909 Jul 07 j 08:34	0°♋	
evening max el	-4909 Jul 16 j 20:51	10°♋55'34	26°20'17
retrograde	-4909 Jul 29 j 14:02	18°♋09'51	
evening set	-4909 Aug 05 j 00:47	15°♋26'42	
min. Earth dist.	-4909 Aug 09 j 03:39	11°♋02'16	0.66167 AU
inferior conj	-4909 Aug 10 j 14:53	9°♋13'20	-2°-29'-47
minimum elong	-4909 Aug 10 j 18:03	9°♋03'31	2°28'30
morning rise	-4909 Aug 16 j 12:10	3°♋21'56	
asc. node	-4909 Aug 18 j 14:48	2°♋33'11	
direct	-4909 Aug 19 j 13:56	2°♋27'53	
morning max el	-4909 Aug 26 j 10:41	6°♋19'32	18°52'52
	-4909 Sep 11 j 23:16	0°♌	
morning set	-4909 Sep 16 j 21:42	7°♌51'08	
desc. node	-4909 Sep 30 j 17:18	29°♌42'46	
	-4909 Sep 30 j 21:40	0°♍	
max. Earth dist.	-4909 Oct 02 j 11:56	2°♍30'46	1.44755 AU
superior conj	-4909 Oct 03 j 01:54	3°♍25'53	0°-14'-48
minimum elong	-4909 Oct 02 j 23:59	3°♍18'17	0°14'27
behind sun begin	-4909 Oct 02 j 18:35	2°♍57'02	
behind sun end	-4909 Oct 03 j 05:22	3°♍39'33	
evening rise	-4909 Oct 18 j 20:37	28°♍33'18	
	-4909 Oct 19 j 18:07	0°♎	
	-4909 Nov 08 j 23:58	0°♏	
evening max el	-4909 Nov 08 j 20:31	29°♎51'12	18°50'30
asc. node	-4909 Nov 14 j 13:32	3°♏35'26	
retrograde	-4909 Nov 15 j 15:57	3°♏42'13	
evening set	-4909 Nov 18 j 17:01	2°♏49'20	
	-4909 Nov 22 j 01:24	30°℞♎	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

inferior conj	-4909 Nov 24 j 13:58	27°♎03'48	2°59'08
minimum elong	-4909 Nov 24 j 10:44	27°♎13'41	2°58'07
min. Earth dist.	-4909 Nov 26 j 05:45	25°♎02'29	0.65166 AU
morning rise	-4909 Nov 30 j 03:22	20°♎54'58	
direct	-4909 Dec 06 j 17:53	18°♎06'23	
morning max el	-4909 Dec 19 j 19:21	25°♎40'32	26°50'51
	-4909 Dec 23 j 19:47	0°♏	
desc. node	-4909 Dec 27 j 17:25	4°♏44'02	
	-4908 Jan 13 j 19:39	0°♐	
morning set	-4908 Jan 24 j 13:08	19°♐12'07	
max. Earth dist.	-4908 Jan 29 j 00:41	27°♐59'58	1.34546 AU
	-4908 Jan 30 j 00:26	0°♑	
superior conj	-4908 Feb 01 j 23:58	6°♑07'51	-1°-18'-9
minimum elong	-4908 Feb 02 j 02:54	6°♑23'06	1°18'00
evening rise	-4908 Feb 09 j 12:21	21°♑53'12	
asc. node	-4908 Feb 10 j 12:31	23°♑57'47	
	-4908 Feb 13 j 12:42	0°♒	
evening max el	-4908 Feb 29 j 08:54	23°♒42'26	21°20'01
retrograde	-4908 Mar 12 j 05:10	29°♒21'58	
evening set	-4908 Mar 14 j 18:19	29°♒07'09	
inferior conj	-4908 Mar 23 j 23:41	25°♒07'45	0°11'30
minimum elong	-4908 Mar 24 j 00:13	25°♒07'01	0°11'11
transit middle	-4908 Mar 24 j 00:13	25°♒07'01	0°11'11
transit begin	-4908 Mar 23 j 21:18	25°♒11'07	
transit end	-4908 Mar 24 j 03:07	25°♒02'54	
min. Earth dist.	-4908 Mar 24 j 10:33	24°♒52'23	0.55208 AU
desc. node	-4908 Mar 24 j 16:25	24°♒44'07	
morning rise	-4908 Apr 02 j 05:42	21°♒01'39	
direct	-4908 Apr 05 j 04:42	20°♒42'24	
morning max el	-4908 Apr 17 j 21:12	26°♒47'53	22°11'04
	-4908 Apr 20 j 22:46	0°♓	
asc. node	-4908 May 08 j 12:17	29°♓06'37	
	-4908 May 08 j 22:37	0°♈	
morning set	-4908 May 09 j 05:12	0°♈34'08	
superior conj	-4908 May 16 j 13:06	16°♈01'49	1°14'15
minimum elong	-4908 May 16 j 10:26	15°♈47'47	1°13'55
max. Earth dist.	-4908 May 19 j 16:28	22°♈33'41	1.34532 AU
	-4908 May 23 j 09:08	0°♉	
evening rise	-4908 May 24 j 13:58	2°♉21'02	
	-4908 Jun 09 j 10:47	0°♊	
desc. node	-4908 Jun 20 j 14:49	15°♊40'46	
evening max el	-4908 Jun 28 j 08:15	24°♊18'56	27°06'08
	-4908 Jul 05 j 17:11	0°♋	
retrograde	-4908 Jul 11 j 15:29	1°♋42'05	
	-4908 Jul 17 j 01:26	30°℞♊	
evening set	-4908 Jul 18 j 13:11	28°♊55'02	
min. Earth dist.	-4908 Jul 22 j 08:52	25°♊08'51	0.65059 AU
inferior conj	-4908 Jul 24 j 09:36	22°♊49'43	-3°-12'-55
minimum elong	-4908 Jul 24 j 13:11	22°♊39'28	3°11'45
morning rise	-4908 Jul 30 j 14:29	17°♊12'58	
direct	-4908 Aug 02 j 09:56	16°♊30'08	
asc. node	-4908 Aug 04 j 11:54	16°♊53'23	
morning max el	-4908 Aug 08 j 23:15	20°♊03'56	18°17'11
	-4908 Aug 16 j 11:13	0°♋	
morning set	-4908 Aug 27 j 17:07	18°♋20'22	
	-4908 Sep 03 j 19:21	0°♌	
superior conj	-4908 Sep 11 j 03:24	11°♌48'36	0°33'54
minimum elong	-4908 Sep 11 j 07:28	12°♌04'46	0°33'35
max. Earth dist.	-4908 Sep 14 j 05:41	16°♌43'24	1.44625 AU
desc. node	-4908 Sep 16 j 14:11	20°♌26'21	
	-4908 Sep 22 j 16:28	0°♍	
evening rise	-4908 Sep 27 j 19:28	8°♍00'03	
	-4908 Oct 12 j 02:34	0°♎	
greatest brilliancy	-4908 Oct 13 j 16:26	2°♎19'14	-0.7m
evening max el	-4908 Oct 22 j 04:31	13°♎17'46	19°37'13
retrograde	-4908 Oct 29 j 12:17	17°♎32'41	
asc. node	-4908 Oct 31 j 10:42	17°♎10'57	
evening set	-4908 Nov 01 j 21:07	16°♎26'30	
inferior conj	-4908 Nov 07 j 12:22	10°♎27'19	2°15'11
minimum elong	-4908 Nov 07 j 09:35	10°♎36'21	2°14'10
min. Earth dist.	-4908 Nov 08 j 14:58	9°♎00'52	0.66202 AU
morning rise	-4908 Nov 12 j 21:20	4°♎12'49	
direct	-4908 Nov 18 j 22:34	1°♎35'13	
morning max el	-4908 Dec 01 j 04:31	8°♎48'44	25°45'32
desc. node	-4908 Dec 13 j 14:22	23°♎51'21	
	-4908 Dec 17 j 22:21	0°♏	
	-4907 Jan 05 j 07:38	0°♐	
morning set	-4907 Jan 06 j 09:20	1°♐56'57	
max. Earth dist.	-4907 Jan 10 j 07:15	9°♐16'12	1.36050 AU
superior conj	-4907 Jan 15 j 18:47	20°♐01'29	-1°-36'-19
minimum elong	-4907 Jan 15 j 21:40	20°♐15'58	1°36'18
	-4907 Jan 20 j 16:21	0°♑	
evening rise	-4907 Jan 23 j 18:19	6°♑18'26	
asc. node	-4907 Jan 27 j 09:33	13°♑33'30	
	-4907 Feb 06 j 04:20	0°♒	
evening max el	-4907 Feb 10 j 17:18	5°♒12'46	20°03'40
retrograde	-4907 Feb 20 j 21:12	10°♒01'21	
evening set	-4907 Feb 23 j 05:47	9°♒46'59	
inferior conj	-4907 Mar 03 j 23:08	5°♒46'57	2°00'16
minimum elong	-4907 Mar 04 j 03:45	5°♒39'55	1°58'39
min. Earth dist.	-4907 Mar 06 j 00:40	4°♒31'59	0.55784 AU
desc. node	-4907 Mar 11 j 13:35	1°♒44'33	
morning rise	-4907 Mar 12 j 22:54	1°♒17'14	
direct	-4907 Mar 16 j 21:20	0°♒43'09	
morning max el	-4907 Mar 30 j 14:51	7°♒32'39	23°49'10
	-4907 Apr 15 j 18:19	0°♓	
morning set	-4907 Apr 23 j 17:07	15°♓35'17	
asc. node	-4907 Apr 25 j 09:13	19°♓07'02	
	-4907 Apr 30 j 10:43	0°♈	
superior conj	-4907 Apr 30 j 20:08	0°♈50'34	0°53'38
minimum elong	-4907 Apr 30 j 17:58	0°♈38'57	0°53'13
max. Earth dist.	-4907 May 02 j 19:27	5°♈03'28	1.33554 AU
evening rise	-4907 May 08 j 08:59	16°♈34'36	
	-4907 May 15 j 09:49	0°♉	
	-4907 Jun 04 j 01:27	0°♊	
desc. node	-4907 Jun 07 j 11:57	4°♊00'35	
evening max el	-4907 Jun 10 j 18:46	7°♊24'11	27°25'12
retrograde	-4907 Jun 24 j 11:01	14°♊49'02	
evening set	-4907 Jul 01 j 14:05	12°♊10'07	
min. Earth dist.	-4907 Jul 05 j 04:57	8°♊57'50	0.63566 AU
inferior conj	-4907 Jul 07 j 19:48	6°♊15'51	-3°-47'-35
minimum elong	-4907 Jul 07 j 23:00	6°♊07'33	3°46'49
morning rise	-4907 Jul 14 j 09:49	0°♊57'00	
direct	-4907 Jul 17 j 01:06	0°♊22'44	
asc. node	-4907 Jul 22 j 08:57	2°♊41'03	
morning max el	-4907 Jul 23 j 13:53	3°♊47'20	17°59'11
morning set	-4907 Aug 09 j 13:59	0°♋02'36	
	-4907 Aug 09 j 13:23	0°♋	
superior conj	-4907 Aug 22 j 00:20	21°♋10'42	1°13'13
minimum elong	-4907 Aug 22 j 06:18	21°♋35'15	1°12'51
	-4907 Aug 27 j 10:17	0°♌	
max. Earth dist.	-4907 Aug 27 j 21:47	0°♌46'09	1.43796 AU
desc. node	-4907 Sep 03 j 11:06	11°♌09'14	
evening rise	-4907 Sep 07 j 01:05	16°♌43'37	
	-4907 Sep 15 j 17:42	0°♍	
greatest brilliancy	-4907 Sep 29 j 05:11	19°♍26'46	-0.5m
evening max el	-4907 Oct 05 j 07:02	26°♍43'59	20°38'19
	-4907 Oct 09 j 02:24	0°♎	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

retrograde	-4907 Oct 13 j 09:23	1°♎30'27	
evening set	-4907 Oct 17 j 04:12	0°♎08'11	
	-4907 Oct 17 j 08:36	30°℞♍	
asc. node	-4907 Oct 18 j 07:51	29°♍10'31	
inferior conj	-4907 Oct 22 j 15:26	23°♍58'34	1°26'07
minimum elong	-4907 Oct 22 j 13:32	24°♍05'01	1°25'25
min. Earth dist.	-4907 Oct 23 j 06:16	23°♍08'19	0.66903 AU
morning rise	-4907 Oct 27 j 22:24	17°♍41'05	
direct	-4907 Nov 02 j 08:24	15°♍21'35	
morning max el	-4907 Nov 13 j 13:17	22°♍02'12	24°25'01
	-4907 Nov 20 j 12:20	0°♎	
desc. node	-4907 Nov 30 j 11:16	13°♎31'53	
	-4907 Dec 11 j 05:52	0°♏	
morning set	-4907 Dec 19 j 08:51	13°♏35'40	
max. Earth dist.	-4907 Dec 23 j 05:19	20°♏25'42	1.37931 AU
	-4907 Dec 28 j 09:17	0°♐	
superior conj	-4907 Dec 30 j 02:28	3°♐16'49	-1°-48'-49
minimum elong	-4907 Dec 30 j 04:21	3°♐25'51	1°48'59
evening rise	-4906 Jan 07 j 18:22	20°♐19'48	
	-4906 Jan 12 j 18:27	0°♑	
asc. node	-4906 Jan 14 j 06:36	2°♑45'23	
evening max el	-4906 Jan 24 j 11:55	17°♑17'48	19°05'37
retrograde	-4906 Feb 02 j 03:12	21°♑25'34	
evening set	-4906 Feb 04 j 12:51	21°♑07'47	
inferior conj	-4906 Feb 12 j 13:56	16°♑53'25	3°17'48
minimum elong	-4906 Feb 12 j 18:39	16°♑45'13	3°16'35
min. Earth dist.	-4906 Feb 15 j 15:34	14°♑46'22	0.57137 AU
morning rise	-4906 Feb 20 j 20:46	11°♑54'24	
direct	-4906 Feb 26 j 01:13	10°♑51'21	
desc. node	-4906 Feb 26 j 10:43	10°♑51'43	
morning max el	-4906 Mar 12 j 05:42	18°♑08'42	25°24'38
	-4906 Mar 22 j 01:41	0°♒	
	-4906 Apr 07 j 21:59	0°♓	
morning set	-4906 Apr 08 j 05:20	0°♓38'28	
asc. node	-4906 Apr 12 j 06:09	9°♓16'15	
superior conj	-4906 Apr 15 j 06:21	15°♓49'15	0°30'44
minimum elong	-4906 Apr 15 j 05:02	15°♓42'05	0°30'22
max. Earth dist.	-4906 Apr 16 j 05:20	17°♓54'10	1.32925 AU
	-4906 Apr 21 j 21:46	0°♈	
evening rise	-4906 Apr 22 j 11:39	1°♈11'34	
	-4906 May 08 j 10:03	0°♉	
evening max el	-4906 May 24 j 01:46	19°♉57'33	27°12'37
desc. node	-4906 May 25 j 09:07	21°♉10'07	
retrograde	-4906 Jun 06 j 23:56	27°♉21'09	
evening set	-4906 Jun 13 j 23:33	25°♉04'16	
min. Earth dist.	-4906 Jun 17 j 15:02	22°♉15'15	0.61735 AU
inferior conj	-4906 Jun 20 j 18:16	19°♉23'45	-4°-9'-11
minimum elong	-4906 Jun 20 j 19:56	19°♉19'55	4°08'53
morning rise	-4906 Jun 27 j 19:02	14°♉25'38	
direct	-4906 Jun 30 j 07:51	13°♉58'01	
morning max el	-4906 Jul 07 j 03:52	17°♉23'00	17°59'40
asc. node	-4906 Jul 09 j 05:57	19°♉40'07	
	-4906 Jul 16 j 03:53	0°♊	
morning set	-4906 Jul 23 j 06:57	12°♊42'34	
	-4906 Aug 01 j 22:26	0°♋	
superior conj	-4906 Aug 03 j 00:53	1°♋55'03	1°37'51
minimum elong	-4906 Aug 03 j 04:55	2°♋12'33	1°37'50
max. Earth dist.	-4906 Aug 10 j 08:47	14°♋18'25	1.42378 AU
evening rise	-4906 Aug 17 j 07:45	25°♋31'41	
	-4906 Aug 20 j 04:14	0°♌	
desc. node	-4906 Aug 21 j 08:03	1°♌47'46	
	-4906 Sep 09 j 16:50	0°♍	
greatest brilliancy	-4906 Sep 13 j 06:20	4°♍35'36	-0.4m
evening max el	-4906 Sep 18 j 03:08	10°♍08'24	21°50'58
retrograde	-4906 Sep 27 j 05:23	15°♍32'27	
evening set	-4906 Oct 01 j 12:19	13°♍51'45	
asc. node	-4906 Oct 05 j 05:00	9°♍51'23	
inferior conj	-4906 Oct 06 j 21:08	7°♍35'11	0°34'06
minimum elong	-4906 Oct 06 j 20:21	7°♍37'54	0°33'53
min. Earth dist.	-4906 Oct 07 j 01:21	7°♍20'38	0.67292 AU
morning rise	-4906 Oct 12 j 04:10	1°♍17'34	
	-4906 Oct 14 j 02:45	30°℞♌	
direct	-4906 Oct 16 j 22:53	29°♌19'08	
	-4906 Oct 19 j 23:57	0°♍	
morning max el	-4906 Oct 26 j 23:33	5°♍18'26	22°58'51
greatest brilliancy	-4906 Oct 31 j 21:36	10°♍50'36	-0.3m
	-4906 Nov 14 j 22:06	0°♎	
desc. node	-4906 Nov 17 j 08:10	3°♎35'44	
morning set	-4906 Nov 30 j 05:54	23°♎54'20	
	-4906 Dec 03 j 21:10	0°♏	
max. Earth dist.	-4906 Dec 05 j 01:44	2°♏02'04	1.39985 AU
superior conj	-4906 Dec 12 j 18:32	15°♏41'47	-1°-52'-51
minimum elong	-4906 Dec 12 j 18:08	15°♏39'54	1°53'03
	-4906 Dec 20 j 09:31	0°♐	
evening rise	-4906 Dec 22 j 09:47	3°♐50'25	
asc. node	-4905 Jan 01 j 03:41	21°♐25'32	
evening max el	-4905 Jan 07 j 15:07	29°♐53'17	18°27'37
	-4905 Jan 07 j 17:54	0°♑	
retrograde	-4905 Jan 15 j 03:37	3°♑34'59	
evening set	-4905 Jan 17 j 15:25	3°♑11'54	
	-4905 Jan 23 j 07:03	30°℞♐	
inferior conj	-4905 Jan 25 j 00:59	28°♐37'15	3°57'20
minimum elong	-4905 Jan 25 j 03:05	28°♐32'59	3°56'54
min. Earth dist.	-4905 Jan 28 j 09:50	25°♐55'04	0.58971 AU
morning rise	-4905 Feb 01 j 11:23	23°♐13'36	
direct	-4905 Feb 07 j 17:58	21°♐31'49	
desc. node	-4905 Feb 13 j 07:48	22°♐48'25	
morning max el	-4905 Feb 21 j 23:46	29°♐04'20	26°42'13
	-4905 Feb 22 j 22:11	0°♑	
	-4905 Mar 15 j 17:13	0°♒	
morning set	-4905 Mar 23 j 16:10	15°♒37'27	
asc. node	-4905 Mar 30 j 03:06	29°♒30'09	
	-4905 Mar 30 j 08:34	0°♓	
superior conj	-4905 Mar 30 j 18:02	0°♓51'48	0°06'28
minimum elong	-4905 Mar 30 j 17:45	0°♓50'16	0°06'15
behind sun begin	-4905 Mar 30 j 13:08	0°♓25'01	
behind sun end	-4905 Mar 30 j 22:22	1°♓15'30	
max. Earth dist.	-4905 Mar 30 j 18:33	0°♓54'41	1.32626 AU
evening rise	-4905 Apr 06 j 19:21	16°♓03'10	
	-4905 Apr 13 j 20:44	0°♈	
	-4905 May 04 j 06:50	0°♉	
evening max el	-4905 May 06 j 03:13	1°♉51'17	26°27'32
desc. node	-4905 May 12 j 06:17	6°♉40'53	
retrograde	-4905 May 20 j 05:16	9°♉11'20	
evening set	-4905 May 26 j 13:45	7°♉28'41	
min. Earth dist.	-4905 May 30 j 16:17	4°♉46'49	0.59709 AU
inferior conj	-4905 Jun 03 j 01:30	2°♉05'31	-4°-10'-43
minimum elong	-4905 Jun 03 j 00:22	2°♉07'48	4°10'34
	-4905 Jun 05 j 19:18	30°℞♈	
morning rise	-4905 Jun 10 j 14:37	27°♈29'20	
direct	-4905 Jun 13 j 02:01	27°♈07'04	
	-4905 Jun 19 j 18:57	0°♉	
morning max el	-4905 Jun 20 j 14:28	0°♉44'04	18°19'24
asc. node	-4905 Jun 26 j 02:57	7°♉35'54	
morning set	-4905 Jul 06 j 15:00	26°♉07'58	
	-4905 Jul 08 j 15:52	0°♊	
superior conj	-4905 Jul 16 j 02:37	13°♊55'26	1°48'29
minimum elong	-4905 Jul 16 j 03:48	14°♊00'48	1°48'42

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-4905 Jul	23 j 13:36	27°♊07'30	1.40576 AU
	-4905 Jul	25 j 06:08	0°♋	
evening rise	-4905 Jul	28 j 09:59	5°♋16'17	
desc. node	-4905 Aug	08 j 05:03	22°♋18'19	
	-4905 Aug	13 j 09:35	0°♌	
greatest brilliancy	-4905 Aug	26 j 03:59	17°♌17'04	-0.2m
evening max el	-4905 Aug	31 j 17:41	23°♌33'08	23°10'40
retrograde	-4905 Sep	10 j 22:51	29°♌36'21	
evening set	-4905 Sep	15 j 19:42	27°♌35'51	
inferior conj	-4905 Sep	21 j 03:43	21°♌15'57	0°-19'-3
minimum elong	-4905 Sep	21 j 04:09	21°♌14'27	0°18'42
min. Earth dist.	-4905 Sep	20 j 21:46	21°♌36'26	0.67383 AU
asc. node	-4905 Sep	22 j 02:08	19°♌59'16	
morning rise	-4905 Sep	26 j 12:37	15°♌01'20	
direct	-4905 Sep	30 j 17:19	13°♌23'53	
morning max el	-4905 Oct	09 j 14:19	18°♌39'49	21°35'34
greatest brilliancy	-4905 Oct	14 j 17:16	24°♌33'56	-0.4m
	-4905 Oct	18 j 20:30	0°♍	
desc. node	-4905 Nov	04 j 05:03	23°♍56'19	
	-4905 Nov	08 j 02:49	0°♎	
morning set	-4905 Nov	09 j 22:54	2°♎53'35	
max. Earth dist.	-4905 Nov	17 j 03:00	14°♎28'30	1.41942 AU
superior conj	-4905 Nov	24 j 13:30	27°♎03'11	-1°-44'-57
minimum elong	-4905 Nov	24 j 09:43	26°♎46'44	1°44'51
	-4905 Nov	26 j 06:04	0°♏	
evening rise	-4905 Dec	05 j 13:11	16°♏43'00	
	-4905 Dec	12 j 22:54	0°♐	
asc. node	-4905 Dec	19 j 00:48	9°♐24'02	
evening max el	-4905 Dec	22 j 00:22	12°♐51'51	18°09'38
retrograde	-4905 Dec	28 j 20:37	16°♐21'32	
evening set	-4905 Dec	31 j 10:49	15°♐51'56	
inferior conj	-4904 Jan	07 j 07:13	10°♐55'24	4°05'16
minimum elong	-4904 Jan	07 j 06:31	10°♐57'01	4°05'00
min. Earth dist.	-4904 Jan	10 j 10:21	8°♐01'27	0.60966 AU
morning rise	-4904 Jan	13 j 23:38	5°♐14'10	
direct	-4904 Jan	20 j 21:43	2°♐56'17	
desc. node	-4904 Jan	31 j 04:54	7°♐16'08	
morning max el	-4904 Feb	03 j 23:48	10°♐36'08	27°29'31
	-4904 Feb	19 j 03:43	0°♑	
morning set	-4904 Mar	06 j 23:41	0°♒24'05	
	-4904 Mar	06 j 19:00	0°♒	
max. Earth dist.	-4904 Mar	13 j 07:18	13°♒50'23	1.32669 AU
superior conj	-4904 Mar	14 j 05:26	15°♒50'56	0°-18'-21
minimum elong	-4904 Mar	14 j 06:15	15°♒55'25	0°18'24
asc. node	-4904 Mar	16 j 00:05	19°♒43'43	
	-4904 Mar	20 j 18:24	0°♓	
evening rise	-4904 Mar	21 j 05:55	1°♓00'38	
	-4904 Apr	06 j 06:20	0°♈	
evening max el	-4904 Apr	16 j 22:45	13°♈05'07	25°14'34
desc. node	-4904 Apr	28 j 03:29	19°♈55'50	
retrograde	-4904 May	01 j 00:29	20°♈15'17	
evening set	-4904 May	06 j 06:33	19°♈10'59	
min. Earth dist.	-4904 May	11 j 11:17	16°♈19'43	0.57741 AU
inferior conj	-4904 May	14 j 14:02	14°♈11'06	-3°-42'-52
minimum elong	-4904 May	14 j 09:40	14°♈18'41	3°42'09
morning rise	-4904 May	22 j 16:58	9°♈55'22	
direct	-4904 May	25 j 03:30	9°♈37'21	
morning max el	-4904 Jun	02 j 18:38	13°♈40'05	18°59'12
asc. node	-4904 Jun	11 j 23:57	26°♈14'45	
	-4904 Jun	14 j 02:41	0°♉	
morning set	-4904 Jun	19 j 09:58	10°♉07'57	
superior conj	-4904 Jun	27 j 23:49	26°♉55'25	1°48'00
minimum elong	-4904 Jun	27 j 22:45	26°♉50'17	1°48'11
	-4904 Jun	29 j 14:37	0°♊	

max. Earth dist.	-4904 Jul	04 j 15:00	9°♊15'54	1.38639 AU
evening rise	-4904 Jul	08 j 14:42	16°♊18'27	
	-4904 Jul	16 j 20:35	0°♋	
desc. node	-4904 Jul	25 j 02:06	12°♋35'52	
	-4904 Aug	06 j 22:16	0°♌	
evening max el	-4904 Aug	13 j 05:03	7°♌00'41	24°31'08
retrograde	-4904 Aug	24 j 12:38	13°♌38'32	
evening set	-4904 Aug	30 j 00:32	11°♌18'37	
min. Earth dist.	-4904 Sep	03 j 17:00	5°♌54'04	0.67173 AU
inferior conj	-4904 Sep	04 j 09:26	4°♌58'53	-1°-11'-45
minimum elong	-4904 Sep	04 j 11:05	4°♌53'23	1°10'53
asc. node	-4904 Sep	07 j 23:16	0°♌33'43	
	-4904 Sep	08 j 12:44	30°℞♋	
morning rise	-4904 Sep	09 j 21:53	28°♋50'41	
direct	-4904 Sep	13 j 14:27	27°♋32'19	
	-4904 Sep	19 j 03:54	0°♌	
morning max el	-4904 Sep	21 j 11:49	2°♌09'01	20°21'35
greatest brilliancy	-4904 Sep	28 j 04:41	10°♌17'48	-0.6m
	-4904 Oct	11 j 16:22	0°♍	
morning set	-4904 Oct	18 j 22:37	11°♍08'51	
desc. node	-4904 Oct	21 j 01:57	14°♍28'27	
max. Earth dist.	-4904 Oct	29 j 11:53	27°♍46'55	1.43520 AU
	-4904 Oct	30 j 20:56	0°♎	
superior conj	-4904 Nov	04 j 06:09	7°♎09'09	-1°-21'-42
minimum elong	-4904 Nov	03 j 23:38	6°♎42'21	1°21'05
evening rise	-4904 Nov	17 j 00:21	28°♎49'02	
	-4904 Nov	17 j 16:40	0°♏	
evening max el	-4904 Dec	04 j 12:45	26°♏06'00	18°11'02
asc. node	-4904 Dec	04 j 21:57	26°♏28'42	
retrograde	-4904 Dec	11 j 02:20	29°♏35'58	
evening set	-4904 Dec	13 j 19:37	28°♏58'40	
inferior conj	-4904 Dec	20 j 05:14	23°♏40'56	3°50'42
minimum elong	-4904 Dec	20 j 02:44	23°♏47'31	3°50'09
min. Earth dist.	-4904 Dec	22 j 19:42	20°♏57'03	0.62839 AU
morning rise	-4904 Dec	26 j 08:02	17°♏46'49	
direct	-4903 Jan	02 j 09:54	15°♏05'27	
morning max el	-4903 Jan	16 j 05:26	22°♏47'36	27°41'01
desc. node	-4903 Jan	17 j 01:57	23°♏38'59	
	-4903 Jan	22 j 16:20	0°♐	
	-4903 Feb	11 j 07:10	0°♑	
morning set	-4903 Feb	19 j 01:41	14°♑50'47	
max. Earth dist.	-4903 Feb	24 j 15:52	26°♑28'22	1.33080 AU
	-4903 Feb	26 j 07:21	0°♒	
superior conj	-4903 Feb	26 j 14:56	0°♒40'53	0°-42'-50
minimum elong	-4903 Feb	26 j 16:47	0°♒50'53	0°42'43
asc. node	-4903 Mar	02 j 21:06	9°♒52'58	
evening rise	-4903 Mar	05 j 17:32	15°♒57'33	
	-4903 Mar	12 j 19:07	0°♓	
evening max el	-4903 Mar	29 j 15:02	23°♓52'58	23°44'09
	-4903 Apr	08 j 01:30	0°♈	
retrograde	-4903 Apr	12 j 06:58	0°♈40'32	
desc. node	-4903 Apr	15 j 00:41	0°♈23'51	
evening set	-4903 Apr	16 j 05:46	0°♈06'12	
	-4903 Apr	16 j 14:10	30°℞♓	
min. Earth dist.	-4903 Apr	23 j 02:42	26°♓53'13	0.56165 AU
inferior conj	-4903 Apr	25 j 06:29	25°♓34'47	-2°-37'-6
minimum elong	-4903 Apr	25 j 00:54	25°♓43'16	2°35'38
morning rise	-4903 May	03 j 23:36	21°♓33'50	
direct	-4903 May	06 j 10:25	21°♓18'30	
morning max el	-4903 May	16 j 13:40	26°♓01'29	19°59'24
	-4903 May	20 j 05:06	0°♈	
asc. node	-4903 May	29 j 20:56	15°♈26'14	
morning set	-4903 Jun	03 j 12:39	24°♈34'12	
	-4903 Jun	06 j 04:49	0°♉	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-4903 Jun 11 j 11:13	10°♉40'16	1°39'18
minimum elong	-4903 Jun 11 j 08:53	10°♉28'36	1°39'17
max. Earth dist.	-4903 Jun 16 j 18:53	21°♉03'31	1.36808 AU
evening rise	-4903 Jun 20 j 19:29	28°♉32'52	
	-4903 Jun 21 j 14:44	0°♊	
	-4903 Jul 10 j 03:50	0°♋	
desc. node	-4903 Jul 11 j 23:10	2°♋34'07	
evening max el	-4903 Jul 26 j 15:42	20°♋30'59	25°44'31
retrograde	-4903 Aug 07 j 21:54	27°♋34'20	
evening set	-4903 Aug 14 j 00:51	24°♋57'58	
min. Earth dist.	-4903 Aug 18 j 08:31	20°♋11'13	0.66640 AU
inferior conj	-4903 Aug 19 j 12:29	18°♋41'38	-2°-2'-21
minimum elong	-4903 Aug 19 j 15:11	18°♋32'59	2°01'08
morning rise	-4903 Aug 25 j 06:06	12°♋43'13	
asc. node	-4903 Aug 25 j 20:24	12°♋22'41	
direct	-4903 Aug 28 j 12:42	11°♋41'08	
morning max el	-4903 Sep 04 j 16:24	15°♋46'20	19°20'50
greatest brilliancy	-4903 Sep 14 j 22:31	29°♋20'19	-0.7m
	-4903 Sep 15 j 09:07	0°♌	
morning set	-4903 Sep 28 j 03:26	19°♌44'52	
	-4903 Oct 04 j 16:32	0°♍	
desc. node	-4903 Oct 07 j 22:50	5°♍07'31	
max. Earth dist.	-4903 Oct 12 j 03:01	11°♍42'36	1.44510 AU
superior conj	-4903 Oct 14 j 20:02	16°♍00'30	0°-42'-28
minimum elong	-4903 Oct 14 j 14:57	15°♍40'16	0°41'46
	-4903 Oct 23 j 12:46	0°♎	
evening rise	-4903 Oct 29 j 14:23	9°♎57'44	
	-4903 Nov 10 j 21:41	0°♏	
evening max el	-4903 Nov 18 j 01:21	9°♏28'07	18°30'59
asc. node	-4903 Nov 21 j 19:07	12°♏23'49	
retrograde	-4903 Nov 24 j 16:29	13°♏08'51	
evening set	-4903 Nov 27 j 14:14	12°♏22'09	
inferior conj	-4903 Dec 03 j 15:13	6°♏45'39	3°21'00
minimum elong	-4903 Dec 03 j 12:00	6°♏55'02	3°20'06
min. Earth dist.	-4903 Dec 05 j 15:03	4°♏26'36	0.64421 AU
morning rise	-4903 Dec 09 j 08:30	0°♏41'28	
	-4903 Dec 10 j 05:47	30°℞♎	
direct	-4903 Dec 16 j 04:52	27°♎51'53	
	-4903 Dec 22 j 19:17	0°♏	
morning max el	-4903 Dec 29 j 14:27	5°♏31'01	27°17'49
desc. node	-4902 Jan 03 j 22:57	11°♏23'40	
	-4902 Jan 17 j 09:08	0°♐	
morning set	-4902 Feb 02 j 19:16	28°♐47'45	
	-4902 Feb 03 j 10:00	0°♑	
max. Earth dist.	-4902 Feb 07 j 16:28	8°♑36'58	1.33892 AU
superior conj	-4902 Feb 10 j 20:36	15°♑14'46	-1°-5'-58
minimum elong	-4902 Feb 10 j 23:15	15°♑28'49	1°05'47
asc. node	-4902 Feb 17 j 18:08	29°♑53'15	
	-4902 Feb 17 j 19:26	0°♒	
evening rise	-4902 Feb 18 j 04:26	0°♒47'06	
	-4902 Mar 07 j 03:27	0°♓	
evening max el	-4902 Mar 11 j 09:32	4°♓39'50	22°10'21
retrograde	-4902 Mar 24 j 01:36	10°♓48'21	
evening set	-4902 Mar 26 j 23:20	10°♓29'41	
desc. node	-4902 Apr 01 j 21:51	8°♓13'36	
min. Earth dist.	-4902 Apr 04 j 16:46	6°♓42'14	0.55297 AU
inferior conj	-4902 Apr 05 j 06:51	6°♓22'20	0°-55'-20
minimum elong	-4902 Apr 05 j 04:19	6°♓25'54	0°54'37
morning rise	-4902 Apr 14 j 10:47	2°♓23'44	
direct	-4902 Apr 17 j 02:22	2°♓07'51	
morning max el	-4902 Apr 28 j 21:57	7°♓42'10	21°18'44
	-4902 May 14 j 04:18	0°♈	
asc. node	-4902 May 16 j 17:55	5°♈02'07	
morning set	-4902 May 18 j 20:32	9°♈19'33	

superior conj	-4902 May 26 j 08:39	24°♈57'57	1°24'40
minimum elong	-4902 May 26 j 05:55	24°♈43'48	1°24'26
	-4902 May 28 j 19:35	0°♉	
max. Earth dist.	-4902 May 30 j 06:29	2°♉55'56	1.35252 AU
evening rise	-4902 Jun 03 j 18:57	11°♉45'10	
	-4902 Jun 14 j 01:04	0°♊	
desc. node	-4902 Jun 28 j 20:15	22°♊04'45	
	-4902 Jul 05 j 07:36	0°♋	
evening max el	-4902 Jul 09 j 02:47	3°♋59'22	26°42'38
retrograde	-4902 Jul 22 j 02:18	11°♋18'10	
evening set	-4902 Jul 28 j 18:24	8°♋31'51	
min. Earth dist.	-4902 Aug 01 j 17:59	4°♋24'14	0.65746 AU
inferior conj	-4902 Aug 03 j 10:53	2°♋21'48	-2°-48'-54
minimum elong	-4902 Aug 03 j 14:19	2°♋11'33	2°47'37
	-4902 Aug 05 j 11:47	30°℞♊	
morning rise	-4902 Aug 09 j 11:14	26°♊36'29	
direct	-4902 Aug 12 j 10:07	25°♊47'32	
asc. node	-4902 Aug 12 j 17:29	25°♊48'04	
morning max el	-4902 Aug 19 j 02:47	29°♊30'12	18°35'40
	-4902 Aug 19 j 14:13	0°♋	
morning set	-4902 Sep 08 j 07:11	29°♋29'41	
	-4902 Sep 08 j 14:41	0°♌	
superior conj	-4902 Sep 23 j 19:38	24°♌15'40	0°06'20
minimum elong	-4902 Sep 23 j 20:29	24°♌19'01	0°06'24
behind sun begin	-4902 Sep 23 j 09:55	23°♌37'20	
behind sun end	-4902 Sep 24 j 07:02	25°♌00'40	
desc. node	-4902 Sep 24 j 19:44	25°♌50'42	
max. Earth dist.	-4902 Sep 24 j 21:01	25°♌55'46	1.44794 AU
	-4902 Sep 27 j 11:00	0°♍	
evening rise	-4902 Oct 10 j 03:36	20°♍02'06	
	-4902 Oct 16 j 10:30	0°♎	
evening max el	-4902 Nov 01 j 11:38	22°♎53'58	19°08'19
retrograde	-4902 Nov 08 j 11:32	26°♎54'22	
asc. node	-4902 Nov 08 j 16:16	26°♎54'08	
evening set	-4902 Nov 11 j 15:37	25°♎56'07	
inferior conj	-4902 Nov 17 j 09:54	20°♎04'02	2°41'13
minimum elong	-4902 Nov 17 j 06:48	20°♎13'49	2°40'11
min. Earth dist.	-4902 Nov 18 j 19:48	18°♎17'27	0.65653 AU
morning rise	-4902 Nov 22 j 21:05	13°♎52'20	
direct	-4902 Nov 29 j 06:10	11°♎07'35	
morning max el	-4902 Dec 12 j 00:19	18°♎34'38	26°25'29
desc. node	-4902 Dec 21 j 19:55	0°♏06'07	
	-4902 Dec 21 j 18:04	0°♏	
	-4901 Jan 10 j 08:27	0°♐	
morning set	-4901 Jan 17 j 00:42	12°♐03'25	
max. Earth dist.	-4901 Jan 21 j 05:57	20°♐10'44	1.35138 AU
superior conj	-4901 Jan 25 j 20:09	29°♐25'29	-1°-26'-25
minimum elong	-4901 Jan 25 j 23:10	29°♐40'55	1°26'19
	-4901 Jan 26 j 02:53	0°♑	
evening rise	-4901 Feb 02 j 12:46	15°♑23'09	
asc. node	-4901 Feb 04 j 15:10	19°♑39'41	
	-4901 Feb 10 j 01:24	0°♒	
evening max el	-4901 Feb 21 j 11:56	15°♒50'20	20°45'23
retrograde	-4901 Mar 04 j 15:32	21°♒08'19	
evening set	-4901 Mar 07 j 01:22	20°♒54'25	
inferior conj	-4901 Mar 16 j 02:32	16°♒56'27	1°00'19
minimum elong	-4901 Mar 16 j 05:11	16°♒52'37	0°59'13
min. Earth dist.	-4901 Mar 17 j 06:56	16°♒15'27	0.55337 AU
desc. node	-4901 Mar 19 j 19:02	14°♒52'23	
morning rise	-4901 Mar 25 j 07:29	12°♒41'50	
direct	-4901 Mar 28 j 14:43	12°♒18'06	
morning max el	-4901 Apr 10 j 20:07	18°♒44'10	22°52'28
	-4901 Apr 20 j 00:32	0°♓	
morning set	-4901 May 03 j 07:28	24°♓16'41	
asc. node	-4901 May 03 j 14:51	24°♓55'15	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4901 May 06 j 00:33	0°♈	
superior conj	-4901 May 10 j 12:53	9°♈37'53	1°05'52
minimum elong	-4901 May 10 j 10:23	9°♈24'36	1°05'28
max. Earth dist.	-4901 May 13 j 03:52	15°♈09'33	1.34059 AU
evening rise	-4901 May 18 j 07:59	25°♈40'00	
	-4901 May 20 j 13:32	0°♉	
	-4901 Jun 07 j 11:04	0°♊	
desc. node	-4901 Jun 15 j 17:24	10°♊55'09	
evening max el	-4901 Jun 21 j 13:45	17°♊15'38	27°17'53
retrograde	-4901 Jul 05 j 01:24	24°♊41'00	
evening set	-4901 Jul 12 j 02:20	21°♊55'23	
min. Earth dist.	-4901 Jul 15 j 19:22	18°♊24'47	0.64464 AU
inferior conj	-4901 Jul 18 j 02:17	15°♊54'21	-3°-28'-55
minimum elong	-4901 Jul 18 j 05:49	15°♊44'36	3°27'53
morning rise	-4901 Jul 24 j 10:53	10°♊25'09	
direct	-4901 Jul 27 j 04:14	9°♊46'23	
asc. node	-4901 Jul 30 j 14:31	10°♊47'04	
morning max el	-4901 Aug 02 j 16:35	13°♊15'16	18°07'25
	-4901 Aug 14 j 08:08	0°♋	
morning set	-4901 Aug 20 j 13:55	10°♋31'21	
	-4901 Sep 01 j 07:19	0°♌	
superior conj	-4901 Sep 03 j 03:30	2°♌58'50	0°52'12
minimum elong	-4901 Sep 03 j 08:59	3°♌20'54	0°51'47
max. Earth dist.	-4901 Sep 07 j 14:04	10°♌05'17	1.44350 AU
desc. node	-4901 Sep 11 j 16:38	16°♌34'38	
evening rise	-4901 Sep 19 j 17:27	29°♌06'12	
	-4901 Sep 20 j 07:21	0°♍	
greatest brilliancy	-4901 Oct 08 j 10:45	27°♍16'07	-0.6m
	-4901 Oct 10 j 10:45	0°♎	
evening max el	-4901 Oct 15 j 17:23	6°♎20'35	20°01'31
retrograde	-4901 Oct 23 j 08:33	10°♎48'31	
evening set	-4901 Oct 26 j 21:15	9°♎36'00	
asc. node	-4901 Oct 26 j 13:23	9°♎48'53	
inferior conj	-4901 Nov 01 j 10:35	3°♎31'52	1°54'51
minimum elong	-4901 Nov 01 j 08:09	3°♎39'59	1°53'57
min. Earth dist.	-4901 Nov 02 j 08:03	2°♎20'38	0.66539 AU
	-4901 Nov 04 j 04:10	30°℞♍	
morning rise	-4901 Nov 06 j 18:25	27°♍15'28	
direct	-4901 Nov 12 j 13:11	24°♍44'53	
	-4901 Nov 22 j 12:55	0°♎	
morning max el	-4901 Nov 24 j 09:21	1°♎46'38	25°12'29
desc. node	-4901 Dec 08 j 16:51	19°♎29'21	
	-4901 Dec 15 j 20:15	0°♏	
morning set	-4901 Dec 30 j 12:57	24°♏23'14	
	-4900 Jan 02 j 14:53	0°♐	
max. Earth dist.	-4900 Jan 03 j 08:05	1°♐19'56	1.36809 AU
superior conj	-4900 Jan 09 j 10:45	13°♐04'44	-1°-42'-28
minimum elong	-4900 Jan 09 j 13:20	13°♐17'34	1°42'33
evening rise	-4900 Jan 17 j 16:33	29°♐39'34	
	-4900 Jan 17 j 20:37	0°♑	
asc. node	-4900 Jan 22 j 12:13	9°♑06'39	
evening max el	-4900 Feb 04 j 00:52	27°♑36'42	19°36'37
	-4900 Feb 07 j 00:20	0°♒	
retrograde	-4900 Feb 13 j 12:29	2°♒06'15	
evening set	-4900 Feb 15 j 20:58	1°♒50'55	
	-4900 Feb 20 j 14:42	30°℞♑	
inferior conj	-4900 Feb 24 j 07:36	27°♑46'17	2°37'48
minimum elong	-4900 Feb 24 j 12:44	27°♑38'02	2°36'12
min. Earth dist.	-4900 Feb 26 j 21:40	26°♑07'22	0.56274 AU
morning rise	-4900 Mar 04 j 01:01	23°♑03'36	
desc. node	-4900 Mar 05 j 16:11	22°♑37'01	
direct	-4900 Mar 08 j 11:56	22°♑18'48	
morning max el	-4900 Mar 22 j 11:57	29°♑23'04	24°30'59
	-4900 Mar 23 j 03:07	0°♒	
	-4900 Apr 12 j 05:20	0°♓	
morning set	-4900 Apr 16 j 19:42	9°♓19'43	
asc. node	-4900 Apr 19 j 11:49	15°♓00'29	
superior conj	-4900 Apr 23 j 21:32	24°♓32'17	0°44'09
minimum elong	-4900 Apr 23 j 19:42	24°♓22'22	0°43'44
max. Earth dist.	-4900 Apr 25 j 09:58	27°♓48'38	1.33240 AU
	-4900 Apr 26 j 10:30	0°♈	
evening rise	-4900 May 01 j 06:39	10°♈05'15	
	-4900 May 11 j 21:40	0°♉	
desc. node	-4900 Jun 01 j 14:32	28°♉48'14	
	-4900 Jun 02 j 19:26	0°♊	
evening max el	-4900 Jun 02 j 23:02	0°♊08'41	27°23'56
retrograde	-4900 Jun 16 j 18:32	7°♊33'57	
evening set	-4900 Jun 23 j 21:10	5°♊02'44	
min. Earth dist.	-4900 Jun 27 j 11:21	2°♊01'49	0.62816 AU
	-4900 Jun 29 j 13:10	30°℞♉	
inferior conj	-4900 Jun 30 j 07:53	29°♉13'37	-3°-58'-45
minimum elong	-4900 Jun 30 j 10:35	29°♉06'55	3°58'11
morning rise	-4900 Jul 07 j 02:16	24°♉03'15	
direct	-4900 Jul 09 j 16:11	23°♉32'08	
asc. node	-4900 Jul 16 j 11:33	27°♉06'47	
morning max el	-4900 Jul 16 j 07:14	26°♉56'04	17°57'04
	-4900 Jul 18 j 23:49	0°♊	
morning set	-4900 Aug 01 j 19:57	22°♊39'33	
	-4900 Aug 05 j 23:44	0°♋	
superior conj	-4900 Aug 13 j 11:55	12°♋55'03	1°25'31
minimum elong	-4900 Aug 13 j 17:21	13°♋17'55	1°25'17
max. Earth dist.	-4900 Aug 20 j 03:40	23°♋54'50	1.43251 AU
	-4900 Aug 23 j 22:40	0°♌	
evening rise	-4900 Aug 28 j 20:46	7°♌44'14	
desc. node	-4900 Aug 28 j 13:34	7°♌16'13	
	-4900 Sep 12 j 14:48	0°♍	
greatest brilliancy	-4900 Sep 22 j 06:59	13°♍25'35	-0.5m
evening max el	-4900 Sep 27 j 17:15	19°♍46'28	21°08'07
retrograde	-4900 Oct 06 j 05:21	24°♍48'24	
evening set	-4900 Oct 10 j 04:59	23°♍18'47	
asc. node	-4900 Oct 12 j 10:31	21°♍11'33	
inferior conj	-4900 Oct 15 j 15:01	17°♍05'59	1°04'20
minimum elong	-4900 Oct 15 j 13:34	17°♍10'57	1°03'49
min. Earth dist.	-4900 Oct 16 j 01:20	16°♍30'41	0.67105 AU
morning rise	-4900 Oct 20 j 21:46	10°♍47'57	
direct	-4900 Oct 26 j 01:17	8°♍36'57	
morning max el	-4900 Nov 05 j 18:14	15°♍00'51	23°48'26
	-4900 Nov 18 j 00:06	0°♎	
desc. node	-4900 Nov 24 j 13:44	9°♎21'03	
	-4900 Dec 07 j 19:12	0°♏	
morning set	-4900 Dec 11 j 01:51	5°♏29'43	
max. Earth dist.	-4900 Dec 15 j 04:06	12°♏35'36	1.38798 AU
superior conj	-4900 Dec 22 j 12:28	26°♏00'58	-1°-51'-47
minimum elong	-4900 Dec 22 j 13:32	26°♏06'01	1°51'59
	-4900 Dec 24 j 14:47	0°♐	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4900 Jan 09 j 10:45	13°♐04'44	-1°-42'-28
minimum elong	-4900 Jan 09 j 13:20	13°♐17'34	1°42'33
evening rise	-4900 Jan 17 j 16:33	29°♐39'34	
	-4900 Jan 17 j 20:37	0°♑	
asc. node	-4900 Jan 22 j 12:13	9°♑06'39	
evening max el	-4900 Feb 04 j 00:52	27°♑36'42	19°36'37
	-4900 Feb 07 j 00:20	0°♒	
retrograde	-4900 Feb 13 j 12:29	2°♒06'15	
evening set	-4900 Feb 15 j 20:58	1°♒50'55	
	-4900 Feb 20 j 14:42	30°℞♑	
inferior conj	-4900 Feb 24 j 07:36	27°♑46'17	2°37'48
minimum elong	-4900 Feb 24 j 12:44	27°♑38'02	2°36'12
min. Earth dist.	-4900 Feb 26 j 21:40	26°♑07'22	0.56274 AU
morning rise	-4900 Mar 04 j 01:01	23°♑03'36	
desc. node	-4900 Mar 05 j 16:11	22°♑37'01	
direct	-4900 Mar 08 j 11:56	22°♑18'48	
morning max el	-4900 Mar 22 j 11:57	29°♑23'04	24°30'59
	-4900 Mar 23 j 03:07	0°♒	
	-4900 Apr 12 j 05:20	0°♓	
morning set	-4900 Apr 16 j 19:42	9°♓19'43	
asc. node	-4900 Apr 19 j 11:49	15°♓00'29	
superior conj	-4900 Apr 23 j 21:32	24°♓32'17	0°44'09
minimum elong	-4900 Apr 23 j 19:42	24°♓22'22	0°43'44
max. Earth dist.	-4900 Apr 25 j 09:58	27°♓48'38	1.33240 AU
	-4900 Apr 26 j 10:30	0°♈	
evening rise	-4900 May 01 j 06:39	10°♈05'15	
	-4900 May 11 j 21:40	0°♉	
desc. node	-4900 Jun 01 j 14:32	28°♉48'14	
	-4900 Jun 02 j 19:26	0°♊	
evening max el	-4900 Jun 02 j 23:02	0°♊08'41	27°23'56
retrograde	-4900 Jun 16 j 18:32	7°♊33'57	
evening set	-4900 Jun 23 j 21:10	5°♊02'44	
min. Earth dist.	-4900 Jun 27 j 11:21	2°♊01'49	0.62816 AU
	-4900 Jun 29 j 13:10	30°℞♉	
inferior conj	-4900 Jun 30 j 07:53	29°♉13'37	-3°-58'-45
minimum elong	-4900 Jun 30 j 10:35	29°♉06'55	3°58'11
morning rise	-4900 Jul 07 j 02:16	24°♉03'15	
direct	-4900 Jul 09 j 16:11	23°♉32'08	
asc. node	-4900 Jul 16 j 11:33	27°♉06'47	
morning max el	-4900 Jul 16 j 07:14	26°♉56'04	17°57'04
	-4900 Jul 18 j 23:49	0°♊	
morning set	-4900 Aug 01 j 19:57	22°♊39'33	
	-4900 Aug 05 j 23:44	0°♋	
superior conj	-4900 Aug 13 j 11:55	12°♋55'03	1°25'31
minimum elong	-4900 Aug 13 j 17:21	13°♋17'55	1°25'17
max. Earth dist.	-4900 Aug 20 j 03:40	23°♋54'50	1.43251 AU
	-4900 Aug 23 j 22:40	0°♌	
evening rise	-4900 Aug 28 j 20:46	7°♌44'14	
desc. node	-4900 Aug 28 j 13:34	7°♌16'13	
	-4900 Sep 12 j 14:48	0°♍	
greatest brilliancy	-4900 Sep 22 j 06:59	13°♍25'35	-0.5m
evening max el	-4900 Sep 27 j 17:15	19°♍46'28	21°08'07
retrograde	-4900 Oct 06 j 05:21	24°♍48'24	
evening set	-4900 Oct 10 j 04:59	23°♍18'47	
asc. node	-4900 Oct 12 j 10:31	21°♍11'33	
inferior conj	-4900 Oct 15 j 15:01	17°♍05'59	1°04'20
minimum elong	-4900 Oct 15 j 13:34	17°♍10'57	1°03'49
min. Earth dist.	-4900 Oct 16 j 01:20	16°♍30'41	0.67105 AU
morning rise	-4900 Oct 20 j 21:46	10°♍47'57	
direct	-4900 Oct 26 j 01:17	8°♍36'57	
morning max el	-4900 Nov 05 j 18:14	15°♍00'51	23°48'26
	-4900 Nov 18 j 00:06	0°♎	
desc. node	-4900 Nov 24 j 13:44	9°♎21'03	
	-4900 Dec 07 j 19:12	0°♏	
morning set	-4900 Dec 11 j 01:51	5°♏29'43	
max. Earth dist.	-4900 Dec 15 j 04:06	12°♏35'36	1.38798 AU
superior conj	-4900 Dec 22 j 12:28	26°♏00'58	-1°-51'-47
minimum elong	-4900 Dec 22 j 13:32	26°♏06'01	1°51'59
	-4900 Dec 24 j 14:47	0°♐	
evening rise	-4900 Dec 31 j 13:19	13°♐28'59	
asc. node	-4899 Jan 08 j 09:17	28°♐06'26	
	-4899 Jan 09 j 12:18	0°♑	
evening max el	-4899 Jan 16 j 23:34	9°♑56'30	18°47'01
retrograde	-4899 Jan 25 j 01:53	13°♑50'48	
evening set	-4899 Jan 27 j 12:35	13°♑30'51	
inferior conj	-4899 Feb 04 j 06:52	9°♑08'33	3°38'56
minimum elong	-4899 Feb 04 j 10:38	9°♑01'34	3°38'06
min. Earth dist.	-4899 Feb 07 j 13:40	6°♑43'53	0.57885 AU
morning rise	-4899 Feb 12 j 05:02	3°♑58'25	
direct	-4899 Feb 17 j 21:55	2°♑39'09	
desc. node	-4899 Feb 20 j 13:18	2°♑56'07	
morning max el	-4899 Mar 04 j 03:23	10°♑04'03	26°00'31
	-4899 Mar 19 j 07:43	0°♒	
morning set	-4899 Apr 01 j 07:32	24°♒21'45	
	-4899 Apr 03 j 23:10	0°♓	
asc. node	-4899 Apr 06 j 08:47	5°♓12'20	
superior conj	-4899 Apr 08 j 08:35	9°♓33'22	0°20'33
minimum elong	-4899 Apr 08 j 07:42	9°♓28'30	0°20'15
max. Earth dist.	-4899 Apr 08 j 21:44	10°♓45'05	1.32763 AU
evening rise	-4899 Apr 15 j 11:47	24°♓49'45	
	-4899 Apr 18 j 00:50	0°♈	
	-4899 May 05 j 16:29	0°♉	
evening max el	-4899 May 16 j 04:07	12°♉26'38	26°57'21
desc. node	-4899 May 19 j 11:43	15°♉19'50	
retrograde	-4899 May 30 j 04:18	19°♉48'27	
evening set	-4899 Jun 05 j 22:50	17°♉45'22	
min. Earth dist.	-4899 Jun 09 j 17:39	15°♉01'13	0.60884 AU
inferior conj	-4899 Jun 13 j 00:20	12°♉11'44	-4°-12'-50
minimum elong	-4899 Jun 13 j 00:57	12°♉10'24	4°12'41
morning rise	-4899 Jun 20 j 06:06	7°♉22'30	
direct	-4899 Jun 22 j 18:14	6°♉57'15	
morning max el	-4899 Jun 29 j 20:03	10°♉26'02	18°05'38
asc. node	-4899 Jul 03 j 08:34	14°♉31'36	
	-4899 Jul 12 j 18:04	0°♊	
morning set	-4899 Jul 15 j 19:56	5°♊40'30	
superior conj	-4899 Jul 25 j 23:44	24°♊13'01	1°43'56
minimum elong	-4899 Jul 26 j 02:33	24°♊25'29	1°44'02
	-4899 Jul 29 j 07:01	0°♋	
max. Earth dist.	-4899 Aug 02 j 12:14	7°♋10'37	1.41644 AU
evening rise	-4899 Aug 08 j 10:07	16°♋51'54	
desc. node	-4899 Aug 15 j 10:33	27°♋52'09	
	-4899 Aug 16 j 20:04	0°♌	
greatest brilliancy	-4899 Sep 05 j 17:36	27°♌52'59	-0.3m
	-4899 Sep 07 j 12:25	0°♍	
evening max el	-4899 Sep 10 j 10:58	3°♍11'42	22°24'27
retrograde	-4899 Sep 20 j 00:18	8°♍51'56	
evening set	-4899 Sep 24 j 13:01	7°♍02'55	
asc. node	-4899 Sep 29 j 07:39	1°♍31'53	
inferior conj	-4899 Sep 29 j 21:19	0°♍44'48	0°11'38
minimum elong	-4899 Sep 29 j 21:02	0°♍45'45	0°11'40
transit middle	-4899 Sep 29 j 21:02	0°♍45'45	0°11'40
transit begin	-4899 Sep 29 j 19:08	0°♍52'18	
transit end	-4899 Sep 29 j 22:56	0°♍39'13	
min. Earth dist.	-4899 Sep 29 j 21:13	0°♍45'07	0.67367 AU
	-4899 Sep 30 j 10:18	30°℞♌	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning rise	-4899 Oct 05 j 04:56	24°♌28'15	
direct	-4899 Oct 09 j 17:36	22°♌38'43	
morning max el	-4899 Oct 19 j 05:57	28°♌18'48	22°22'43
	-4899 Oct 20 j 20:08	0°♍	
greatest brilliancy	-4899 Oct 23 j 23:23	3°♍39'28	-0.3m
desc. node	-4899 Nov 11 j 10:38	29°♍33'15	
	-4899 Nov 11 j 17:41	0°♎	
morning set	-4899 Nov 21 j 10:40	15°♎13'16	
max. Earth dist.	-4899 Nov 27 j 02:23	24°♎33'49	1.40854 AU
	-4899 Nov 30 j 06:49	0°♏	
superior conj	-4899 Dec 04 j 20:22	8°♏01'35	-1°-51'-12
minimum elong	-4899 Dec 04 j 18:36	7°♏53'41	1°51'18
evening rise	-4899 Dec 15 j 00:07	26°♏45'00	
	-4899 Dec 16 j 17:48	0°♐	
asc. node	-4899 Dec 26 j 06:23	16°♐30'28	
evening max el	-4899 Dec 31 j 05:44	22°♐43'12	18°17'27
retrograde	-4898 Jan 07 j 09:52	26°♐17'58	
evening set	-4898 Jan 09 j 22:47	25°♐52'06	
inferior conj	-4898 Jan 17 j 02:25	21°♐07'50	4°03'59
minimum elong	-4898 Jan 17 j 03:15	21°♐06'01	4°03'42
min. Earth dist.	-4898 Jan 20 j 09:55	18°♐18'05	0.59831 AU
morning rise	-4898 Jan 24 j 04:45	15°♐36'12	
direct	-4898 Jan 30 j 19:27	13°♐38'19	
desc. node	-4898 Feb 07 j 10:24	16°♐01'21	
morning max el	-4898 Feb 13 j 23:46	21°♐13'29	27°06'27
	-4898 Feb 21 j 15:49	0°♑	
	-4898 Mar 12 j 02:30	0°♒	
morning set	-4898 Mar 16 j 17:13	9°♒16'19	
superior conj	-4898 Mar 23 j 20:21	24°♒35'01	0°-4'-5
minimum elong	-4898 Mar 23 j 20:32	24°♒36'03	0°04'13
behind sun begin	-4898 Mar 23 j 15:42	24°♒09'32	
behind sun end	-4898 Mar 24 j 01:23	25°♒02'34	
max. Earth dist.	-4898 Mar 23 j 11:23	23°♒46'00	1.32613 AU
asc. node	-4898 Mar 24 j 05:47	25°♒26'35	
	-4898 Mar 26 j 07:49	0°♓	
evening rise	-4898 Mar 30 j 20:58	9°♓44'50	
	-4898 Apr 10 j 10:13	0°♈	
evening max el	-4898 Apr 28 j 03:00	24°♈02'27	25°59'16
desc. node	-4898 May 06 j 08:55	29°♈57'28	
	-4898 May 06 j 11:11	0°♉	
retrograde	-4898 May 12 j 05:11	1°♉18'37	
	-4898 May 17 j 21:21	30°℞♈	
evening set	-4898 May 18 j 03:50	29°♈52'30	
min. Earth dist.	-4898 May 22 j 15:37	27°♈08'38	0.58850 AU
inferior conj	-4898 May 25 j 23:56	24°♈38'52	-4°-3'-6
minimum elong	-4898 May 25 j 21:21	24°♈43'42	4°02'47
morning rise	-4898 Jun 02 j 18:46	20°♈11'45	
direct	-4898 Jun 05 j 05:58	19°♈51'16	
morning max el	-4898 Jun 13 j 04:11	23°♈37'05	18°33'55
	-4898 Jun 18 j 10:05	0°♉	
asc. node	-4898 Jun 20 j 05:36	2°♉46'58	
morning set	-4898 Jun 29 j 09:04	19°♉21'42	
	-4898 Jul 04 j 21:37	0°♊	
superior conj	-4898 Jul 08 j 10:27	6°♊40'32	1°49'28
minimum elong	-4898 Jul 08 j 10:33	6°♊41'01	1°49'42
max. Earth dist.	-4898 Jul 15 j 15:33	19°♊42'55	1.39749 AU
evening rise	-4898 Jul 19 j 23:24	27°♊08'14	
	-4898 Jul 21 j 16:35	0°♋	
desc. node	-4898 Aug 02 j 07:35	18°♋17'51	
	-4898 Aug 10 j 10:38	0°♌	
evening max el	-4898 Aug 23 j 23:47	16°♌37'01	23°45'17
retrograde	-4898 Sep 03 j 16:14	22°♌55'34	
evening set	-4898 Sep 08 j 19:31	20°♌46'21	
min. Earth dist.	-4898 Sep 13 j 17:18	15°♌01'42	0.67330 AU
inferior conj	-4898 Sep 14 j 03:42	14°♌26'11	0°-41'-33
minimum elong	-4898 Sep 14 j 04:39	14°♌22'55	0°40'59
asc. node	-4898 Sep 16 j 04:48	11°♌43'18	
morning rise	-4898 Sep 19 j 13:56	8°♌14'12	
direct	-4898 Sep 23 j 13:13	6°♌45'18	
morning max el	-4898 Oct 01 j 23:29	11°♌43'24	21°02'49
greatest brilliancy	-4898 Oct 07 j 15:05	18°♌21'34	-0.5m
	-4898 Oct 16 j 00:35	0°♍	
desc. node	-4898 Oct 29 j 07:31	19°♍59'15	
morning set	-4898 Oct 31 j 18:07	23°♍47'02	
	-4898 Nov 04 j 16:43	0°♎	
max. Earth dist.	-4898 Nov 09 j 07:20	7°♎25'06	1.42674 AU
superior conj	-4898 Nov 16 j 04:35	18°♎51'32	-1°-37'-6
minimum elong	-4898 Nov 15 j 23:22	18°♎29'26	1°36'48
	-4898 Nov 22 j 15:20	0°♏	
evening rise	-4898 Nov 27 j 21:11	9°♏19'06	
	-4898 Dec 10 j 00:58	0°♐	
asc. node	-4898 Dec 13 j 03:30	4°♐07'43	
evening max el	-4898 Dec 14 j 16:35	5°♐48'55	18°07'49
retrograde	-4898 Dec 21 j 09:02	9°♐17'43	
evening set	-4898 Dec 24 j 00:21	8°♐45'02	
inferior conj	-4898 Dec 30 j 15:51	3°♐38'58	4°01'22
minimum elong	-4898 Dec 30 j 14:15	3°♐42'55	4°01'00
min. Earth dist.	-4897 Jan 02 j 13:58	0°♐47'08	0.61787 AU
	-4897 Jan 03 j 10:23	30°℞♏	
morning rise	-4897 Jan 06 j 01:55	27°♏51'36	
direct	-4897 Jan 13 j 02:40	25°♏22'12	
	-4897 Jan 23 j 16:24	0°♐	
desc. node	-4897 Jan 25 j 07:28	1°♐22'42	
morning max el	-4897 Jan 27 j 02:39	3°♐03'37	27°38'55
	-4897 Feb 16 j 01:25	0°♑	
morning set	-4897 Feb 28 j 22:45	23°♑56'22	
	-4897 Mar 03 j 20:45	0°♒	
max. Earth dist.	-4897 Mar 06 j 23:04	6°♒37'19	1.32800 AU
superior conj	-4897 Mar 08 j 07:12	9°♒31'29	0°-28'-50
minimum elong	-4897 Mar 08 j 08:28	9°♒38'25	0°28'48
asc. node	-4897 Mar 11 j 02:47	15°♒39'09	
evening rise	-4897 Mar 15 j 08:15	24°♒43'26	
	-4897 Mar 17 j 21:27	0°♓	
	-4897 Apr 05 j 04:46	0°♈	
evening max el	-4897 Apr 09 j 20:28	5°♈02'43	24°37'17
desc. node	-4897 Apr 23 j 06:07	12°♈05'07	
retrograde	-4897 Apr 23 j 19:27	12°♈05'50	
evening set	-4897 Apr 28 j 12:21	11°♈15'36	
min. Earth dist.	-4897 May 04 j 08:34	8°♈16'34	0.57003 AU
inferior conj	-4897 May 07 j 03:54	6°♈27'22	-3°-19'-54
minimum elong	-4897 May 06 j 22:35	6°♈36'03	3°18'46
morning rise	-4897 May 15 j 13:02	2°♈19'26	
direct	-4897 May 17 j 23:25	2°♈02'52	
morning max el	-4897 May 27 j 04:55	6°♈20'36	19°22'25
asc. node	-4897 Jun 07 j 02:37	21°♈41'21	
	-4897 Jun 11 j 12:17	0°♉	
morning set	-4897 Jun 13 j 07:41	3°♉34'18	
superior conj	-4897 Jun 21 j 14:21	20°♉02'13	1°45'10
minimum elong	-4897 Jun 21 j 12:38	19°♉53'48	1°45'17
	-4897 Jun 26 j 19:41	0°♊	
max. Earth dist.	-4897 Jun 27 j 17:07	1°♊39'14	1.37830 AU
evening rise	-4897 Jul 01 j 14:59	8°♊42'58	
	-4897 Jul 14 j 12:20	0°♋	
desc. node	-4897 Jul 20 j 04:38	8°♋28'20	
	-4897 Aug 06 j 08:17	0°♌	
evening max el	-4897 Aug 06 j 10:22	0°♌05'10	25°03'38
retrograde	-4897 Aug 18 j 04:16	6°♌55'49	
evening set	-4897 Aug 23 j 22:42	4°♌28'04	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4897 Aug 27 j 22:46	30℞♋	
min. Earth dist.	-4897 Aug 28 j 11:13	29°♋19'24	0.66985 AU
inferior conj	-4897 Aug 29 j 08:30	28°♋09'10	-1°-33'-37
minimum elong	-4897 Aug 29 j 10:37	28°♋02'10	1°32'34
asc. node	-4897 Sep 03 j 01:56	22°♋44'38	
morning rise	-4897 Sep 03 j 22:58	22°♋04'50	
direct	-4897 Sep 07 j 10:54	20°♋53'59	
morning max el	-4897 Sep 15 j 00:10	25°♋16'31	19°53'58
	-4897 Sep 19 j 01:34	0°♌	
greatest brilliancy	-4897 Sep 22 j 18:08	4°♌58'38	-0.6m
	-4897 Oct 09 j 09:20	0°♍	
morning set	-4897 Oct 10 j 16:58	2°♍02'34	
desc. node	-4897 Oct 16 j 04:23	10°♍34'37	
max. Earth dist.	-4897 Oct 22 j 18:48	20°♍59'57	1.44015 AU
superior conj	-4897 Oct 27 j 09:11	28°♍23'06	-1°-6'-48
minimum elong	-4897 Oct 27 j 02:35	27°♍56'24	1°06'05
	-4897 Oct 28 j 09:04	0°♎	
evening rise	-4897 Nov 09 j 23:54	21°♎01'41	
	-4897 Nov 15 j 06:25	0°♏	
evening max el	-4897 Nov 28 j 05:19	19°♏06'45	18°17'21
asc. node	-4897 Nov 30 j 00:38	20°♏44'36	
retrograde	-4897 Dec 04 j 18:50	22°♏40'27	
evening set	-4897 Dec 07 j 13:41	21°♏59'33	
inferior conj	-4897 Dec 13 j 19:23	16°♏33'38	3°39'37
minimum elong	-4897 Dec 13 j 16:27	16°♏41'42	3°38'55
min. Earth dist.	-4897 Dec 16 j 03:44	13°♏58'38	0.63544 AU
morning rise	-4897 Dec 19 j 17:38	10°♏34'38	
direct	-4897 Dec 26 j 18:00	7°♏47'44	
morning max el	-4896 Jan 09 j 10:11	15°♏30'33	27°35'12
desc. node	-4896 Jan 12 j 04:29	18°♏23'50	
	-4896 Jan 21 j 09:32	0°♐	
	-4896 Feb 08 j 15:55	0°♑	
morning set	-4896 Feb 12 j 21:35	8°♑12'13	
max. Earth dist.	-4896 Feb 18 j 04:36	19°♑03'53	1.33367 AU
superior conj	-4896 Feb 20 j 15:18	24°♑15'45	0°-52'-52
minimum elong	-4896 Feb 20 j 17:32	24°♑27'43	0°52'43
	-4896 Feb 23 j 07:24	0°♒	
asc. node	-4896 Feb 25 j 23:46	5°♒45'14	
evening rise	-4896 Feb 27 j 19:45	9°♒38'01	
	-4896 Mar 09 j 12:31	0°♓	
evening max el	-4896 Mar 21 j 12:53	15°♓47'10	23°03'54
retrograde	-4896 Apr 03 j 21:01	22°♓20'42	
evening set	-4896 Apr 07 j 07:27	21°♓54'52	
desc. node	-4896 Apr 09 j 03:19	21°♓21'27	
min. Earth dist.	-4896 Apr 14 j 23:32	18°♓28'49	0.55691 AU
inferior conj	-4896 Apr 16 j 12:39	17°♓34'37	-1°-57'-33
minimum elong	-4896 Apr 16 j 07:51	17°♓41'40	1°56'10
morning rise	-4896 Apr 25 j 11:08	13°♓36'31	
direct	-4896 Apr 27 j 22:45	13°♓21'41	
morning max el	-4896 May 08 j 19:37	18°♓26'03	20°30'55
	-4896 May 17 j 19:25	0°♈	
asc. node	-4896 May 23 j 23:35	11°♈04'11	
morning set	-4896 May 27 j 12:51	18°♈09'28	
	-4896 Jun 02 j 06:58	0°♉	
superior conj	-4896 Jun 04 j 06:29	4°♉02'38	1°33'43
minimum elong	-4896 Jun 04 j 03:53	3°♉49'27	1°33'35
max. Earth dist.	-4896 Jun 08 j 23:20	13°♉24'07	1.36107 AU
evening rise	-4896 Jun 13 j 04:25	21°♉24'19	
	-4896 Jun 17 j 22:57	0°♊	
desc. node	-4896 Jul 06 j 01:44	28°♊16'07	
	-4896 Jul 07 j 08:23	0°♋	
evening max el	-4896 Jul 18 j 21:04	13°♋35'15	26°11'35
retrograde	-4896 Jul 31 j 11:41	20°♋47'05	
evening set	-4896 Aug 06 j 20:26	18°♋05'34	
min. Earth dist.	-4896 Aug 11 j 00:33	13°♋35'12	0.66302 AU
inferior conj	-4896 Aug 12 j 09:49	11°♋51'17	-2°-22'-46
minimum elong	-4896 Aug 12 j 12:53	11°♋41'43	2°21'29
morning rise	-4896 Aug 18 j 06:06	5°♋57'52	
asc. node	-4896 Aug 19 j 23:03	5°♋13'20	
direct	-4896 Aug 21 j 09:03	5°♋01'50	
morning max el	-4896 Aug 28 j 07:23	8°♋56'47	18°59'32
	-4896 Sep 12 j 06:06	0°♌	
morning set	-4896 Sep 19 j 06:06	11°♌03'53	
	-4896 Oct 01 j 06:01	0°♍	
desc. node	-4896 Oct 02 j 01:16	1°♍15'49	
max. Earth dist.	-4896 Oct 04 j 10:56	5°♍03'09	1.44714 AU
superior conj	-4896 Oct 05 j 14:38	6°♍52'28	0°-22'-16
minimum elong	-4896 Oct 05 j 11:46	6°♍41'09	0°21'47
	-4896 Oct 20 j 02:08	0°♎	
evening rise	-4896 Oct 21 j 03:35	1°♎43'07	
	-4896 Nov 08 j 12:04	0°♏	
evening max el	-4896 Nov 10 j 17:16	2°♏31'17	18°44'57
asc. node	-4896 Nov 15 j 21:46	6°♏05'40	
retrograde	-4896 Nov 17 j 11:19	6°♏19'15	
evening set	-4896 Nov 20 j 11:29	5°♏28'02	
inferior conj	-4896 Nov 26 j 09:25	29°♎44'50	3°05'07
minimum elong	-4896 Nov 26 j 06:10	29°♎54'39	3°04'08
	-4896 Nov 26 j 04:24	30℞♎	
min. Earth dist.	-4896 Nov 28 j 03:17	27°♎38'42	0.64984 AU
morning rise	-4896 Dec 01 j 23:43	23°♎37'14	
direct	-4896 Dec 08 j 15:59	20°♎47'53	
morning max el	-4896 Dec 21 j 19:37	28°♎23'34	26°58'41
	-4896 Dec 23 j 09:10	0°♏	
desc. node	-4896 Dec 29 j 01:26	6°♏35'39	
	-4895 Jan 14 j 03:29	0°♐	
morning set	-4895 Jan 26 j 10:32	21°♐53'35	
	-4895 Jan 30 j 13:14	0°♑	
max. Earth dist.	-4895 Jan 31 j 00:28	0°♑56'44	1.34362 AU
superior conj	-4895 Feb 03 j 18:42	8°♑41'16	-1°-15'-2
minimum elong	-4895 Feb 03 j 21:34	8°♑56'18	1°14'53
evening rise	-4895 Feb 11 j 05:46	24°♑22'49	
asc. node	-4895 Feb 11 j 20:46	25°♑40'28	
	-4895 Feb 13 j 23:46	0°♒	
evening max el	-4895 Mar 03 j 10:24	26°♒42'47	21°32'42
	-4895 Mar 07 j 14:00	0°♓	
retrograde	-4895 Mar 15 j 12:01	2°♓29'48	
evening set	-4895 Mar 18 j 03:01	2°♓14'16	
	-4895 Mar 24 j 03:19	30℞♒	
inferior conj	-4895 Mar 27 j 09:22	28°♒13'29	0°-6'-6
minimum elong	-4895 Mar 27 j 09:05	28°♒13'53	0°06'11
transit middle	-4895 Mar 27 j 09:05	28°♒13'53	0°06'11
transit begin	-4895 Mar 27 j 05:18	28°♒19'13	
transit end	-4895 Mar 27 j 12:52	28°♒08'34	
desc. node	-4895 Mar 27 j 00:29	28°♒26'00	
min. Earth dist.	-4895 Mar 27 j 13:49	28°♒07'14	0.55205 AU
morning rise	-4895 Apr 05 j 15:12	24°♒09'51	
direct	-4895 Apr 08 j 12:01	23°♒51'41	
morning max el	-4895 Apr 20 j 23:16	29°♒49'12	21°57'04
	-4895 Apr 21 j 03:50	0°♓	
	-4895 May 10 j 11:07	0°♈	
asc. node	-4895 May 10 j 20:32	0°♈48'05	
morning set	-4895 May 11 j 22:15	3°♈00'29	
superior conj	-4895 May 19 j 07:08	18°♈30'40	1°17'08
minimum elong	-4895 May 19 j 04:26	18°♈16'31	1°16'48
max. Earth dist.	-4895 May 22 j 15:08	25°♈24'32	1.34710 AU
	-4895 May 24 j 21:46	0°♉	
evening rise	-4895 May 27 j 10:16	4°♉56'40	
	-4895 Jun 10 j 16:55	0°♊	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4895 Jun	22 j 22:52	17°♊31'19	
evening max el	-4895 Jul	01 j 08:30	27°♊00'37	27°00'52
	-4895 Jul	04 j 17:26	0°♋	
retrograde	-4895 Jul	14 j 13:49	4°♋22'35	
evening set	-4895 Jul	21 j 10:14	1°♋35'28	
	-4895 Jul	23 j 04:10	30°℞♊	
min. Earth dist.	-4895 Jul	25 j 06:55	27°♊43'48	0.65250 AU
inferior conj	-4895 Jul	27 j 05:34	25°♊28'56	-3°-6'-54
minimum elong	-4895 Jul	27 j 09:07	25°♊18'36	3°05'40
morning rise	-4895 Aug	02 j 09:12	19°♊49'47	
direct	-4895 Aug	05 j 05:31	19°♊05'25	
asc. node	-4895 Aug	06 j 20:07	19°♊19'27	
morning max el	-4895 Aug	11 j 19:26	22°♊41'11	18°21'25
	-4895 Aug	17 j 13:52	0°♋	
morning set	-4895 Aug	30 j 21:31	21°♋22'04	
	-4895 Sep	05 j 04:02	0°♌	
superior conj	-4895 Sep	14 j 14:53	15°♌11'10	0°26'54
minimum elong	-4895 Sep	14 j 18:14	15°♌24'25	0°26'41
max. Earth dist.	-4895 Sep	17 j 05:06	19°♌17'31	1.44694 AU
desc. node	-4895 Sep	18 j 22:10	21°♌59'31	
	-4895 Sep	24 j 00:28	0°♍	
evening rise	-4895 Oct	01 j 06:03	11°♍19'28	
	-4895 Oct	13 j 06:45	0°♎	
greatest brilliancy	-4895 Oct	15 j 23:43	4°♎03'42	-0.7m
evening max el	-4895 Oct	25 j 01:55	15°♎57'48	19°29'14
retrograde	-4895 Nov	01 j 07:22	20°♎08'33	
asc. node	-4895 Nov	02 j 18:55	19°♎55'51	
evening set	-4895 Nov	04 j 14:56	19°♎04'28	
inferior conj	-4895 Nov	10 j 06:55	13°♎06'58	2°22'10
minimum elong	-4895 Nov	10 j 04:02	13°♎16'16	2°21'10
min. Earth dist.	-4895 Nov	11 j 11:19	11°♎35'22	0.66073 AU
morning rise	-4895 Nov	15 j 16:23	6°♎53'13	
direct	-4895 Nov	21 j 19:43	4°♎13'35	
morning max el	-4895 Dec	04 j 04:59	11°♎30'45	25°56'27
desc. node	-4895 Dec	15 j 22:21	25°♎36'40	
	-4895 Dec	19 j 01:53	0°♏	
	-4894 Jan	06 j 18:09	0°♐	
morning set	-4894 Jan	09 j 09:15	4°♐46'33	
max. Earth dist.	-4894 Jan	13 j 08:48	12°♐16'53	1.35802 AU
superior conj	-4894 Jan	18 j 14:49	22°♐39'25	-1°-33'-53
minimum elong	-4894 Jan	18 j 17:45	22°♐54'18	1°33'52
	-4894 Jan	22 j 05:06	0°♑	
evening rise	-4894 Jan	26 j 12:24	8°♑50'54	
asc. node	-4894 Jan	29 j 17:48	15°♑19'08	
	-4894 Feb	07 j 02:23	0°♒	
evening max el	-4894 Feb	13 j 17:10	8°♒07'35	20°13'55
retrograde	-4894 Feb	24 j 03:07	13°♒03'34	
evening set	-4894 Feb	26 j 11:50	12°♒49'27	
inferior conj	-4894 Mar	07 j 07:22	8°♒50'19	1°45'24
minimum elong	-4894 Mar	07 j 11:36	8°♒43'59	1°43'52
min. Earth dist.	-4894 Mar	09 j 03:46	7°♒44'07	0.55640 AU
desc. node	-4894 Mar	13 j 21:37	5°♒16'18	
morning rise	-4894 Mar	16 j 08:54	4°♒24'57	
direct	-4894 Mar	20 j 03:05	3°♒54'02	
morning max el	-4894 Apr	02 j 17:54	10°♒37'44	23°34'30
	-4894 Apr	17 j 01:48	0°♓	
morning set	-4894 Apr	26 j 09:59	18°♓01'11	
asc. node	-4894 Apr	27 j 17:29	20°♓47'05	
	-4894 May	02 j 00:42	0°♈	
superior conj	-4894 May	03 j 13:31	3°♈17'38	0°56'57
minimum elong	-4894 May	03 j 11:15	3°♈05'31	0°56'32
max. Earth dist.	-4894 May	05 j 16:51	7°♈51'05	1.33673 AU
evening rise	-4894 May	11 j 03:51	19°♈06'01	
	-4894 May	16 j 20:06	0°♉	

	-4894 Jun	04 j 21:33	0°♊	
desc. node	-4894 Jun	09 j 20:00	6°♊00'04	
evening max el	-4894 Jun	13 j 19:13	10°♊09'25	27°24'16
retrograde	-4894 Jun	27 j 10:15	17°♊34'23	
evening set	-4894 Jul	04 j 13:06	14°♊53'12	
min. Earth dist.	-4894 Jul	08 j 04:22	11°♊36'33	0.63812 AU
inferior conj	-4894 Jul	10 j 17:13	8°♊57'12	-3°-43'-5
minimum elong	-4894 Jul	10 j 20:32	8°♊48'27	3°42'15
morning rise	-4894 Jul	17 j 05:47	3°♊35'39	
direct	-4894 Jul	19 j 21:34	3°♊00'15	
asc. node	-4894 Jul	24 j 17:10	4°♊55'08	
morning max el	-4894 Jul	26 j 09:57	6°♊25'33	18°00'46
	-4894 Aug	10 j 22:27	0°♋	
morning set	-4894 Aug	12 j 14:55	2°♋54'37	
superior conj	-4894 Aug	25 j 08:08	24°♋22'31	1°08'11
minimum elong	-4894 Aug	25 j 14:06	24°♋46'59	1°07'46
	-4894 Aug	28 j 19:06	0°♌	
max. Earth dist.	-4894 Aug	30 j 21:42	3°♌23'22	1.43962 AU
desc. node	-4894 Sep	05 j 19:07	12°♌43'05	
evening rise	-4894 Sep	10 j 13:20	20°♌07'23	
	-4894 Sep	16 j 23:58	0°♍	
greatest brilliancy	-4894 Oct	01 j 20:45	21°♍42'23	-0.5m
evening max el	-4894 Oct	08 j 05:18	29°♍24'05	20°28'19
	-4894 Oct	08 j 19:35	0°♎	
retrograde	-4894 Oct	16 j 04:33	4°♎05'37	
evening set	-4894 Oct	19 j 21:43	2°♎45'54	
asc. node	-4894 Oct	20 j 16:03	2°♎09'44	
	-4894 Oct	22 j 18:32	30°℞♍	
inferior conj	-4894 Oct	25 j 09:27	26°♍37'28	1°33'47
minimum elong	-4894 Oct	25 j 07:24	26°♍44'24	1°33'01
min. Earth dist.	-4894 Oct	26 j 01:56	25°♍41'53	0.66823 AU
morning rise	-4894 Oct	30 j 16:35	20°♍20'10	
direct	-4894 Nov	05 j 04:49	17°♍57'46	
morning max el	-4894 Nov	16 j 13:51	24°♍44'10	24°37'31
	-4894 Nov	21 j 08:10	0°♎	
desc. node	-4894 Dec	02 j 19:16	15°♎12'50	
	-4894 Dec	12 j 13:36	0°♏	
morning set	-4894 Dec	22 j 12:17	16°♏36'14	
max. Earth dist.	-4894 Dec	26 j 07:47	23°♏25'13	1.37633 AU
	-4894 Dec	29 j 20:56	0°♐	
superior conj	-4893 Jan	02 j 00:24	6°♐00'57	-1°-47'-26
minimum elong	-4893 Jan	02 j 02:31	6°♐11'09	1°47'33
evening rise	-4893 Jan	10 j 13:30	22°♐56'13	
	-4893 Jan	14 j 04:04	0°♑	
asc. node	-4893 Jan	16 j 14:52	4°♑35'05	
evening max el	-4893 Jan	27 j 10:18	20°♑07'28	19°13'02
retrograde	-4893 Feb	05 j 06:41	24°♑20'38	
evening set	-4893 Feb	07 j 15:54	24°♑03'35	
inferior conj	-4893 Feb	15 j 19:27	19°♑51'57	3°08'32
minimum elong	-4893 Feb	16 j 00:22	19°♑43'33	3°07'13
min. Earth dist.	-4893 Feb	18 j 18:36	17°♑51'42	0.56889 AU
morning rise	-4893 Feb	24 j 05:10	14°♑56'58	
desc. node	-4893 Feb	28 j 18:44	13°♑59'34	
direct	-4893 Mar	01 j 05:00	13°♑59'08	
morning max el	-4893 Mar	15 j 08:52	21°♑13'47	25°11'18
	-4893 Mar	22 j 23:08	0°♒	
	-4893 Apr	09 j 10:44	0°♓	
morning set	-4893 Apr	10 j 22:16	3°♓04'41	
asc. node	-4893 Apr	14 j 14:26	10°♓55'35	
superior conj	-4893 Apr	17 j 23:24	18°♓15'35	0°34'19
minimum elong	-4893 Apr	17 j 21:56	18°♓07'39	0°33'57
max. Earth dist.	-4893 Apr	19 j 01:50	20°♓39'03	1.32990 AU
	-4893 Apr	23 j 10:59	0°♈	
evening rise	-4893 Apr	25 j 05:33	3°♈40'15	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4893 May 09 j 14:56	0°♉	
evening max el	-4893 May 27 j 02:49	22°♉48'09	27°16'36
desc. node	-4893 May 27 j 17:11	23°♉22'05	
	-4893 Jun 07 j 20:48	0°♊	
retrograde	-4893 Jun 10 j 00:24	0°♊12'32	
	-4893 Jun 12 j 02:57	30°℞♉	
evening set	-4893 Jun 17 j 01:11	27°♉51'20	
min. Earth dist.	-4893 Jun 20 j 15:58	24°♉59'50	0.62024 AU
inferior conj	-4893 Jun 23 j 17:40	22°♉08'26	-4°-7'-2
minimum elong	-4893 Jun 23 j 19:40	22°♉03'47	4°06'42
morning rise	-4893 Jun 30 j 16:45	17°♉07'12	
direct	-4893 Jul 03 j 05:47	16°♉38'45	
morning max el	-4893 Jul 10 j 00:16	20°♉03'07	17°58'23
asc. node	-4893 Jul 11 j 14:12	21°♉44'33	
	-4893 Jul 17 j 09:45	0°♊	
morning set	-4893 Jul 26 j 05:13	15°♊26'44	
	-4893 Aug 03 j 08:39	0°♋	
superior conj	-4893 Aug 06 j 04:33	4°♋54'40	1°35'05
minimum elong	-4893 Aug 06 j 09:00	5°♋13'49	1°35'00
max. Earth dist.	-4893 Aug 13 j 09:19	17°♋00'07	1.42619 AU
evening rise	-4893 Aug 20 j 18:27	28°♋50'56	
	-4893 Aug 21 j 12:03	0°♌	
desc. node	-4893 Aug 23 j 16:07	3°♌22'40	
	-4893 Sep 10 j 17:35	0°♍	
greatest brilliancy	-4893 Sep 16 j 02:52	7°♍06'27	-0.4m
evening max el	-4893 Sep 21 j 02:22	12°♍48'59	21°39'35
retrograde	-4893 Sep 30 j 00:54	18°♍07'25	
evening set	-4893 Oct 04 j 05:51	16°♍29'41	
asc. node	-4893 Oct 07 j 13:12	13°♍00'52	
inferior conj	-4893 Oct 09 j 14:56	10°♍13'55	0°42'10
minimum elong	-4893 Oct 09 j 13:58	10°♍17'14	0°41'51
min. Earth dist.	-4893 Oct 09 j 20:42	9°♍53'59	0.67252 AU
morning rise	-4893 Oct 14 j 21:49	3°♍55'59	
direct	-4893 Oct 19 j 18:46	1°♍54'18	
morning max el	-4893 Oct 29 j 23:44	8°♍00'20	23°11'39
greatest brilliancy	-4893 Nov 04 j 04:33	13°♍52'20	-0.3m
	-4893 Nov 16 j 02:49	0°♎	
desc. node	-4893 Nov 19 j 16:13	5°♎14'08	
morning set	-4893 Dec 03 j 13:40	27°♎08'21	
	-4893 Dec 05 j 06:38	0°♏	
max. Earth dist.	-4893 Dec 08 j 03:52	4°♏55'44	1.39676 AU
superior conj	-4893 Dec 15 j 19:14	18°♏35'04	-1°-52'-58
minimum elong	-4893 Dec 15 j 19:15	18°♏35'10	1°53'09
	-4893 Dec 21 j 20:43	0°♐	
evening rise	-4893 Dec 25 j 06:29	6°♐32'32	
asc. node	-4892 Jan 03 j 11:57	23°♐20'59	
	-4892 Jan 08 j 02:33	0°♑	
evening max el	-4892 Jan 10 j 12:30	2°♑39'44	18°32'01
retrograde	-4892 Jan 18 j 04:16	6°♑24'12	
evening set	-4892 Jan 20 j 15:45	6°♑02'00	
inferior conj	-4892 Jan 28 j 03:32	1°♑30'47	3°53'34
minimum elong	-4892 Jan 28 j 06:05	1°♑25'43	3°53'03
	-4892 Jan 30 j 01:15	30°℞♐	
min. Earth dist.	-4892 Jan 31 j 12:22	28°♐52'15	0.58680 AU
morning rise	-4892 Feb 04 j 16:56	26°♐10'18	
direct	-4892 Feb 10 j 20:17	24°♐34'18	
desc. node	-4892 Feb 15 j 15:51	25°♐31'22	
	-4892 Feb 22 j 19:00	0°♑	
morning max el	-4892 Feb 25 j 02:13	2°♑05'25	26°32'18
	-4892 Mar 16 j 02:03	0°♒	
morning set	-4892 Mar 25 j 09:27	18°♒04'44	
	-4892 Mar 30 j 22:46	0°♓	
asc. node	-4892 Mar 31 j 11:26	1°♓09'13	
superior conj	-4892 Apr 01 j 11:00	3°♓18'06	0°10'12
minimum elong	-4892 Apr 01 j 10:33	3°♓15'40	0°09'59
behind sun begin	-4892 Apr 01 j 06:40	2°♓54'22	
behind sun end	-4892 Apr 01 j 14:27	3°♓36'58	
max. Earth dist.	-4892 Apr 01 j 14:45	3°♓38'37	1.32648 AU
evening rise	-4892 Apr 08 j 12:41	18°♓30'19	
	-4892 Apr 14 j 07:01	0°♈	
	-4892 May 03 j 17:00	0°♉	
evening max el	-4892 May 08 j 05:15	4°♉48'10	26°36'15
desc. node	-4892 May 13 j 14:21	9°♉09'45	
retrograde	-4892 May 22 j 07:03	12°♉08'58	
evening set	-4892 May 28 j 18:28	10°♉20'48	
min. Earth dist.	-4892 Jun 01 j 18:33	7°♉38'48	0.60015 AU
inferior conj	-4892 Jun 05 j 03:25	4°♉54'37	-4°-12'-13
minimum elong	-4892 Jun 05 j 02:46	4°♉55'57	4°12'05
morning rise	-4892 Jun 12 j 14:35	0°♉15'01	
	-4892 Jun 13 j 15:21	30°℞♈	
direct	-4892 Jun 15 j 02:06	29°♈52'03	
	-4892 Jun 16 j 12:22	0°♉	
morning max el	-4892 Jun 22 j 11:32	3°♉26'38	18°15'09
asc. node	-4892 Jun 27 j 11:15	9°♉32'38	
morning set	-4892 Jul 08 j 11:18	28°♉45'51	
	-4892 Jul 09 j 03:01	0°♊	
superior conj	-4892 Jul 18 j 02:50	16°♊44'12	1°47'39
minimum elong	-4892 Jul 18 j 04:25	16°♊51'23	1°47'52
max. Earth dist.	-4892 Jul 25 j 14:52	29°♊55'20	1.40861 AU
	-4892 Jul 25 j 15:58	0°♋	
evening rise	-4892 Jul 30 j 17:00	8°♋24'45	
desc. node	-4892 Aug 09 j 13:08	23°♋54'37	
	-4892 Aug 13 j 14:48	0°♌	
greatest brilliancy	-4892 Aug 28 j 15:03	20°♌30'07	-0.3m
evening max el	-4892 Sep 02 j 17:41	26°♌13'38	22°58'40
	-4892 Sep 07 j 02:10	0°♍	
retrograde	-4892 Sep 12 j 18:49	2°♍11'02	
evening set	-4892 Sep 17 j 13:27	0°♍13'37	
	-4892 Sep 17 j 19:49	30°℞♌	
inferior conj	-4892 Sep 22 j 21:30	23°♌54'05	0°-10'-56
minimum elong	-4892 Sep 22 j 21:45	23°♌53'14	0°10'42
transit middle	-4892 Sep 22 j 21:45	23°♌53'14	0°10'42
transit begin	-4892 Sep 22 j 19:42	24°♌00'17	
transit end	-4892 Sep 22 j 23:48	23°♌46'12	
min. Earth dist.	-4892 Sep 22 j 17:06	24°♌09'16	0.67387 AU
asc. node	-4892 Sep 23 j 10:22	23°♌09'50	
morning rise	-4892 Sep 28 j 06:00	17°♌38'48	
direct	-4892 Oct 02 j 12:44	15°♌58'11	
morning max el	-4892 Oct 11 j 13:34	21°♌20'22	21°47'30
greatest brilliancy	-4892 Oct 16 j 13:00	27°♌02'24	-0.4m
	-4892 Oct 18 j 20:26	0°♍	
desc. node	-4892 Nov 05 j 13:07	25°♍32'36	
	-4892 Nov 08 j 10:24	0°♎	
morning set	-4892 Nov 12 j 10:33	6°♎18'06	
max. Earth dist.	-4892 Nov 19 j 04:06	17°♎14'00	1.41669 AU
superior conj	-4892 Nov 26 j 17:46	0°♏07'09	-1°-47'-5
minimum elong	-4892 Nov 26 j 14:30	29°♎52'55	1°47'03
	-4892 Nov 26 j 16:07	0°♏	
evening rise	-4892 Dec 07 j 11:57	19°♏31'22	
	-4892 Dec 13 j 06:11	0°♐	
asc. node	-4892 Dec 20 j 09:04	11°♐26'35	
evening max el	-4892 Dec 23 j 21:05	15°♐35'38	18°11'02
retrograde	-4892 Dec 30 j 19:00	19°♐06'04	
evening set	-4891 Jan 02 j 08:54	18°♐37'26	
inferior conj	-4891 Jan 09 j 07:05	13°♐44'06	4°05'41
minimum elong	-4891 Jan 09 j 06:46	13°♐44'50	4°05'25
min. Earth dist.	-4891 Jan 12 j 11:39	10°♐50'31	0.60677 AU
morning rise	-4891 Jan 16 j 01:58	8°♐05'19	
direct	-4891 Jan 22 j 22:35	5°♐52'11	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4891 Feb 01 j 12:55	9°♐38'27	
morning max el	-4891 Feb 06 j 01:12	13°♐30'49	27°24'37
	-4891 Feb 19 j 06:29	0°♑	
	-4891 Mar 08 j 07:41	0°♒	
morning set	-4891 Mar 09 j 17:35	2°♒53'23	
max. Earth dist.	-4891 Mar 16 j 03:49	16°♒35'38	1.32645 AU
superior conj	-4891 Mar 16 j 22:34	18°♒17'55	0°-14'-36
minimum elong	-4891 Mar 16 j 23:13	18°♒21'30	0°14'39
behind sun begin	-4891 Mar 16 j 21:20	18°♒11'13	
behind sun end	-4891 Mar 17 j 01:06	18°♒31'47	
asc. node	-4891 Mar 18 j 08:25	21°♒22'53	
	-4891 Mar 22 j 07:52	0°♓	
evening rise	-4891 Mar 23 j 22:58	3°♓27'16	
	-4891 Apr 07 j 08:18	0°♈	
evening max el	-4891 Apr 20 j 01:40	16°♈07'21	25°26'49
desc. node	-4891 Apr 30 j 11:31	22°♈47'18	
retrograde	-4891 May 04 j 03:44	23°♈19'10	
evening set	-4891 May 09 j 14:19	22°♈09'29	
min. Earth dist.	-4891 May 14 j 14:14	19°♈20'32	0.58018 AU
inferior conj	-4891 May 17 j 18:53	17°♈05'56	-3°-49'-30
minimum elong	-4891 May 17 j 14:56	17°♈12'56	3°48'52
morning rise	-4891 May 25 j 19:39	12°♈47'16	
direct	-4891 May 28 j 06:23	12°♈28'37	
morning max el	-4891 Jun 05 j 16:47	16°♈26'34	18°51'59
asc. node	-4891 Jun 14 j 08:17	28°♈05'43	
	-4891 Jun 15 j 10:48	0°♉	
morning set	-4891 Jun 22 j 04:53	12°♉41'25	
superior conj	-4891 Jun 30 j 21:30	29°♉36'17	1°48'40
minimum elong	-4891 Jun 30 j 20:42	29°♉32'30	1°48'53
	-4891 Jul 01 j 02:29	0°♊	
max. Earth dist.	-4891 Jul 07 j 16:44	12°♊10'04	1.38926 AU
evening rise	-4891 Jul 11 j 17:48	19°♊15'23	
	-4891 Jul 18 j 04:43	0°♋	
desc. node	-4891 Jul 27 j 10:09	14°♋14'34	
	-4891 Aug 07 j 19:37	0°♌	
evening max el	-4891 Aug 16 j 05:25	9°♌40'55	24°19'25
retrograde	-4891 Aug 27 j 09:05	16°♌13'45	
evening set	-4891 Sep 01 j 18:46	13°♌56'35	
min. Earth dist.	-4891 Sep 06 j 12:36	8°♌26'45	0.67226 AU
inferior conj	-4891 Sep 07 j 03:26	7°♌36'44	-1°-3'-52
minimum elong	-4891 Sep 07 j 04:54	7°♌31'47	1°03'04
asc. node	-4891 Sep 10 j 07:31	3°♌36'26	
morning rise	-4891 Sep 12 j 15:16	1°♌27'27	
direct	-4891 Sep 16 j 09:32	0°♌06'22	
morning max el	-4891 Sep 24 j 09:59	4°♌48'09	20°31'51
greatest brilliancy	-4891 Sep 30 j 19:25	12°♌29'55	-0.5m
	-4891 Oct 12 j 22:28	0°♍	
morning set	-4891 Oct 22 j 11:31	14°♍35'44	
desc. node	-4891 Oct 23 j 10:00	16°♍03'07	
	-4891 Nov 01 j 05:38	0°♎	
max. Earth dist.	-4891 Nov 01 j 12:05	0°♎26'01	1.43321 AU
superior conj	-4891 Nov 07 j 14:30	10°♎24'25	-1°-26'-17
minimum elong	-4891 Nov 07 j 08:13	9°♎58'21	1°25'46
	-4891 Nov 19 j 01:52	0°♏	
evening rise	-4891 Nov 20 j 01:47	1°♏44'38	
asc. node	-4891 Dec 07 j 06:10	28°♏39'57	
evening max el	-4891 Dec 07 j 09:08	28°♏47'29	18°09'34
	-4891 Dec 08 j 16:33	0°♐	
retrograde	-4891 Dec 13 j 23:08	2°♐16'44	
evening set	-4891 Dec 16 j 15:55	1°♐40'36	
	-4891 Dec 19 j 08:13	30°℞♏	
inferior conj	-4891 Dec 23 j 02:58	26°♏25'44	3°53'59
minimum elong	-4891 Dec 23 j 00:40	26°♏31'42	3°53'30
min. Earth dist.	-4891 Dec 25 j 19:28	23°♏39'22	0.62578 AU
morning rise	-4891 Dec 29 j 07:31	20°♏33'19	
direct	-4890 Jan 05 j 09:25	17°♏54'40	
desc. node	-4890 Jan 19 j 09:59	25°♏45'55	
morning max el	-4890 Jan 19 j 06:08	25°♏36'26	27°41'36
	-4890 Jan 23 j 08:37	0°♐	
	-4890 Feb 12 j 16:31	0°♑	
morning set	-4890 Feb 21 j 20:32	17°♑23'21	
max. Earth dist.	-4890 Feb 27 j 13:21	29°♑17'26	1.32999 AU
	-4890 Feb 27 j 21:17	0°♒	
superior conj	-4890 Mar 01 j 08:25	3°♒09'17	0°-39'-11
minimum elong	-4890 Mar 01 j 10:08	3°♒18'32	0°39'05
asc. node	-4890 Mar 05 j 05:24	11°♒32'40	
evening rise	-4890 Mar 08 j 10:32	18°♒24'29	
	-4890 Mar 14 j 04:43	0°♓	
evening max el	-4890 Apr 01 j 18:02	26°♓57'09	23°58'04
	-4890 Apr 05 j 08:29	0°♈	
retrograde	-4890 Apr 15 j 12:05	3°♈49'10	
desc. node	-4890 Apr 17 j 08:43	3°♈41'23	
evening set	-4890 Apr 19 j 15:33	3°♈11'09	
min. Earth dist.	-4890 Apr 26 j 05:48	0°♈02'14	0.56361 AU
	-4890 Apr 26 j 07:17	30°℞♓	
inferior conj	-4890 Apr 28 j 14:11	28°♓35'30	-2°-49'-39
minimum elong	-4890 Apr 28 j 08:32	28°♓44'15	2°48'13
morning rise	-4890 May 07 j 05:17	24°♓33'12	
direct	-4890 May 09 j 16:00	24°♓17'34	
morning max el	-4890 May 19 j 13:17	28°♓53'27	19°49'15
	-4890 May 20 j 16:22	0°♈	
asc. node	-4890 Jun 01 j 05:15	17°♈12'43	
morning set	-4890 Jun 06 j 06:35	27°♈04'11	
	-4890 Jun 07 j 17:25	0°♉	
superior conj	-4890 Jun 14 j 07:04	13°♉15'17	1°41'03
minimum elong	-4890 Jun 14 j 04:52	13°♉04'21	1°41'04
max. Earth dist.	-4890 Jun 19 j 19:55	23°♉59'26	1.37061 AU
	-4890 Jun 23 j 01:43	0°♊	
evening rise	-4890 Jun 23 j 19:16	1°♊19'34	
	-4890 Jul 11 j 08:12	0°♋	
desc. node	-4890 Jul 14 j 07:12	4°♋16'14	
evening max el	-4890 Jul 29 j 15:57	23°♋10'36	25°34'19
	-4890 Aug 09 j 01:58	0°♌	
retrograde	-4890 Aug 10 j 19:02	0°♌10'52	
	-4890 Aug 12 j 10:36	30°℞♋	
evening set	-4890 Aug 16 j 19:52	27°♋36'28	
min. Earth dist.	-4890 Aug 21 j 04:44	22°♋44'06	0.66743 AU
inferior conj	-4890 Aug 22 j 06:58	21°♋19'25	-1°-54'-56
minimum elong	-4890 Aug 22 j 09:31	21°♋11'10	1°53'44
morning rise	-4890 Aug 27 j 23:44	15°♋19'29	
asc. node	-4890 Aug 28 j 04:38	15°♋11'51	
direct	-4890 Aug 31 j 07:39	14°♋15'13	
morning max el	-4890 Sep 07 j 13:36	18°♋24'30	19°28'57
	-4890 Sep 16 j 12:44	0°♌	
greatest brilliancy	-4890 Sep 16 j 20:41	0°♌29'07	-0.7m
morning set	-4890 Oct 01 j 14:05	23°♌04'34	
	-4890 Oct 06 j 00:29	0°♍	
desc. node	-4890 Oct 10 j 06:52	6°♍41'12	
max. Earth dist.	-4890 Oct 15 j 02:32	14°♍17'28	1.44406 AU
superior conj	-4890 Oct 18 j 07:52	19°♍24'57	0°-49'-15
minimum elong	-4890 Oct 18 j 02:11	19°♍02'18	0°48'31
	-4890 Oct 24 j 21:25	0°♎	
evening rise	-4890 Nov 01 j 19:12	13°♎02'12	
	-4890 Nov 12 j 01:44	0°♏	
evening max el	-4890 Nov 20 j 21:48	12°♏08'14	18°26'53
asc. node	-4890 Nov 24 j 03:18	14°♏46'18	
retrograde	-4890 Nov 27 j 12:19	15°♏46'57	
evening set	-4890 Nov 30 j 09:14	15°♏01'49	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4890 Dec 06 j 11:22	9°♏27'51	3°26'13
minimum elong	-4890 Dec 06 j 08:12	9°♏36'57	3°25'22
min. Earth dist.	-4890 Dec 08 j 13:22	7°♏04'24	0.64203 AU
morning rise	-4890 Dec 12 j 05:49	3°♏24'51	
direct	-4890 Dec 19 j 03:22	0°♏35'36	
morning max el	-4889 Jan 01 j 14:56	8°♏16'04	27°23'21
desc. node	-4889 Jan 06 j 06:58	13°♏19'47	
	-4889 Jan 18 j 14:05	0°♐	
	-4889 Feb 04 j 22:04	0°♑	
morning set	-4889 Feb 05 j 15:37	1°♑25'44	
max. Earth dist.	-4889 Feb 10 j 15:25	11°♑31'28	1.33740 AU
superior conj	-4889 Feb 13 j 14:47	17°♑46'06	-1°-2'-35
minimum elong	-4889 Feb 13 j 17:20	17°♑59'41	1°02'26
	-4889 Feb 19 j 08:29	0°♒	
asc. node	-4889 Feb 20 j 02:23	1°♒34'34	
evening rise	-4889 Feb 20 j 21:38	3°♒15'41	
	-4889 Mar 07 j 21:26	0°♓	
evening max el	-4889 Mar 14 j 11:46	7°♓42'42	22°24'02
retrograde	-4889 Mar 27 j 08:33	13°♓58'26	
evening set	-4889 Mar 30 j 09:08	13°♓38'17	
desc. node	-4889 Apr 04 j 05:54	11°♓52'14	
min. Earth dist.	-4889 Apr 07 j 20:04	9°♓56'52	0.55369 AU
inferior conj	-4889 Apr 08 j 16:28	9°♓27'51	-1°-12'-23
minimum elong	-4889 Apr 08 j 13:14	9°♓32'28	1°11'27
morning rise	-4889 Apr 17 j 19:15	5°♓30'04	
direct	-4889 Apr 20 j 09:26	5°♓14'41	
morning max el	-4889 May 01 j 23:18	10°♓40'59	21°05'50
	-4889 May 15 j 13:53	0°♈	
asc. node	-4889 May 19 j 02:12	6°♈45'20	
morning set	-4889 May 21 j 13:49	11°♈47'08	
superior conj	-4889 May 29 j 03:14	27°♈28'58	1°27'13
minimum elong	-4889 May 29 j 00:31	27°♈14'58	1°26'59
	-4889 May 30 j 08:42	0°♉	
max. Earth dist.	-4889 Jun 02 j 05:59	5°♉48'58	1.35461 AU
evening rise	-4889 Jun 06 j 16:19	14°♉24'20	
	-4889 Jun 15 j 09:43	0°♊	
desc. node	-4889 Jul 01 j 04:19	23°♊51'40	
	-4889 Jul 06 j 00:39	0°♋	
evening max el	-4889 Jul 12 j 02:49	6°♋39'11	26°35'12
retrograde	-4889 Jul 25 j 00:15	13°♋56'43	
evening set	-4889 Jul 31 j 14:34	11°♋11'15	
min. Earth dist.	-4889 Aug 04 j 15:15	6°♋57'49	0.65904 AU
inferior conj	-4889 Aug 06 j 06:10	4°♋59'56	-2°-42'-15
minimum elong	-4889 Aug 06 j 09:31	4°♋49'47	2°40'57
	-4889 Aug 11 j 00:46	30°℞♊	
morning rise	-4889 Aug 12 j 05:26	29°♊12'29	
direct	-4889 Aug 15 j 05:15	28°♊21'53	
asc. node	-4889 Aug 15 j 01:43	28°♊22'00	
	-4889 Aug 19 j 13:03	0°♋	
morning max el	-4889 Aug 21 j 23:14	2°♋07'29	18°41'18
	-4889 Sep 09 j 22:40	0°♌	
morning set	-4889 Sep 11 j 13:48	2°♌37'18	
superior conj	-4889 Sep 27 j 08:14	27°♌41'32	0°-1'-10
minimum elong	-4889 Sep 27 j 08:06	27°♌41'01	0°01'01
behind sun begin	-4889 Sep 26 j 20:42	26°♌56'06	
behind sun end	-4889 Sep 27 j 19:30	28°♌25'57	
desc. node	-4889 Sep 27 j 03:44	27°♌23'48	
max. Earth dist.	-4889 Sep 27 j 19:58	28°♌27'49	1.44797 AU
	-4889 Sep 28 j 19:22	0°♍	
evening rise	-4889 Oct 13 j 12:10	23°♍15'57	
	-4889 Oct 17 j 17:30	0°♎	
evening max el	-4889 Nov 04 j 08:32	25°♎33'29	19°01'46
retrograde	-4889 Nov 11 j 06:47	29°♎30'33	
asc. node	-4889 Nov 11 j 00:27	29°♎30'10	
evening set	-4889 Nov 14 j 09:45	28°♎34'16	
inferior conj	-4889 Nov 20 j 04:56	22°♎44'23	2°47'44
minimum elong	-4889 Nov 20 j 01:46	22°♎54'15	2°46'42
min. Earth dist.	-4889 Nov 21 j 16:52	20°♎52'30	0.65489 AU
morning rise	-4889 Nov 25 j 16:49	16°♎33'33	
direct	-4889 Dec 02 j 03:51	13°♎47'13	
morning max el	-4889 Dec 15 j 00:46	21°♎17'14	26°34'49
	-4889 Dec 22 j 16:11	0°♏	
desc. node	-4889 Dec 24 j 03:54	1°♏54'33	
	-4888 Jan 11 j 17:39	0°♐	
morning set	-4888 Jan 19 j 23:07	14°♐48'22	
max. Earth dist.	-4888 Jan 24 j 06:32	23°♐09'32	1.34917 AU
	-4888 Jan 27 j 15:55	0°♑	
superior conj	-4888 Jan 28 j 15:24	2°♑00'41	-1°-23'-34
minimum elong	-4888 Jan 28 j 18:24	2°♑16'08	1°23'27
evening rise	-4888 Feb 05 j 06:28	17°♑53'56	
asc. node	-4888 Feb 06 j 23:24	21°♑23'18	
	-4888 Feb 11 j 09:28	0°♒	
evening max el	-4888 Feb 24 j 12:48	18°♒48'48	20°57'15
retrograde	-4888 Mar 06 j 22:27	24°♒14'28	
evening set	-4888 Mar 09 j 09:08	24°♒00'25	
inferior conj	-4888 Mar 18 j 11:59	20°♒02'19	0°43'11
minimum elong	-4888 Mar 18 j 13:55	19°♒59'32	0°42'20
min. Earth dist.	-4888 Mar 19 j 10:23	19°♒30'16	0.55270 AU
desc. node	-4888 Mar 21 j 03:03	18°♒33'19	
morning rise	-4888 Mar 27 j 17:33	15°♒50'54	
direct	-4888 Mar 30 j 21:35	15°♒29'01	
morning max el	-4888 Apr 12 j 22:52	21°♒48'16	22°37'48
	-4888 Apr 19 j 23:32	0°♓	
asc. node	-4888 May 04 j 23:08	26°♓36'02	
morning set	-4888 May 05 j 00:25	26°♓42'40	
	-4888 May 06 j 14:02	0°♈	
superior conj	-4888 May 12 j 06:39	12°♈06'02	1°08'56
minimum elong	-4888 May 12 j 04:04	11°♈52'26	1°08'34
max. Earth dist.	-4888 May 15 j 01:49	17°♈58'17	1.34217 AU
evening rise	-4888 May 20 j 03:39	28°♈13'41	
	-4888 May 21 j 01:28	0°♉	
	-4888 Jun 07 j 14:27	0°♊	
desc. node	-4888 Jun 17 j 01:28	12°♊48'56	
evening max el	-4888 Jun 23 j 13:59	19°♊58'01	27°14'20
retrograde	-4888 Jul 07 j 00:17	27°♊22'54	
evening set	-4888 Jul 14 j 00:10	24°♊36'30	
min. Earth dist.	-4888 Jul 17 j 18:03	21°♊00'33	0.64679 AU
inferior conj	-4888 Jul 19 j 22:47	18°♊33'51	-3°-23'-27
minimum elong	-4888 Jul 20 j 02:22	18°♊23'53	3°22'22
morning rise	-4888 Jul 26 j 06:04	13°♊01'56	
direct	-4888 Jul 29 j 00:05	12°♊21'50	
asc. node	-4888 Jul 31 j 22:47	13°♊07'17	
morning max el	-4888 Aug 04 j 12:40	15°♊52'24	18°10'28
	-4888 Aug 14 j 14:56	0°♋	
morning set	-4888 Aug 22 j 16:42	13°♋28'02	
	-4888 Sep 01 j 16:18	0°♌	
superior conj	-4888 Sep 05 j 13:35	6°♌16'55	0°45'57
minimum elong	-4888 Sep 05 j 18:40	6°♌37'18	0°45'32
max. Earth dist.	-4888 Sep 09 j 13:18	12°♌38'42	1.44459 AU
desc. node	-4888 Sep 13 j 00:42	18°♌08'00	
	-4888 Sep 20 j 14:58	0°♍	
evening rise	-4888 Sep 22 j 05:03	2°♍27'51	
greatest brilliancy	-4888 Oct 09 j 23:23	29°♍21'05	-0.6m
	-4888 Oct 10 j 10:25	0°♎	
evening max el	-4888 Oct 17 j 15:10	9°♎00'33	19°52'42
retrograde	-4888 Oct 25 j 03:37	13°♎23'46	
asc. node	-4888 Oct 27 j 21:36	12°♎39'48	
evening set	-4888 Oct 28 j 14:54	12°♎13'34	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4888 Nov 03 j 04:54	6°♎11'09	2°02'13
minimum elong	-4888 Nov 03 j 02:19	6°♎19'38	2°01'16
min. Earth dist.	-4888 Nov 04 j 04:09	4°♎54'30	0.66430 AU
	-4888 Nov 08 j 10:58	30°℞♍	
morning rise	-4888 Nov 08 j 13:04	29°♍55'20	
direct	-4888 Nov 14 j 10:09	27°♍22'04	
	-4888 Nov 21 j 05:50	0°♎	
morning max el	-4888 Nov 26 j 09:51	4°♎28'16	25°24'16
desc. node	-4888 Dec 10 j 00:50	21°♎12'29	
	-4888 Dec 16 j 02:06	0°♏	
morning set	-4887 Jan 01 j 14:18	27°♏17'16	
	-4887 Jan 03 j 02:03	0°♐	
max. Earth dist.	-4887 Jan 05 j 10:02	4°♐20'06	1.36538 AU
superior conj	-4887 Jan 11 j 07:33	15°♐45'08	-1°-40'-27
minimum elong	-4887 Jan 11 j 10:17	15°♐58'40	1°40'28
	-4887 Jan 18 j 08:44	0°♑	
evening rise	-4887 Jan 19 j 11:04	2°♑13'22	
asc. node	-4887 Jan 23 j 20:27	10°♑53'20	
	-4887 Feb 05 j 12:07	0°♒	
evening max el	-4887 Feb 06 j 00:10	0°♒29'19	19°45'41
retrograde	-4887 Feb 15 j 17:19	5°♒05'08	
evening set	-4887 Feb 18 j 01:46	4°♒50'13	
inferior conj	-4887 Feb 26 j 14:49	0°♒47'32	2°25'09
minimum elong	-4887 Feb 26 j 19:52	0°♒39'36	2°23'32
	-4887 Feb 27 j 21:02	30°℞♑	
min. Earth dist.	-4887 Mar 01 j 00:53	29°♑16'45	0.56087 AU
morning rise	-4887 Mar 07 j 10:39	26°♑09'24	
desc. node	-4887 Mar 08 j 00:10	25°♑59'30	
direct	-4887 Mar 11 j 17:11	25°♑28'36	
	-4887 Mar 22 j 19:13	0°♒	
morning max el	-4887 Mar 25 j 15:09	2°♒28'09	24°16'30
	-4887 Apr 13 j 15:57	0°♓	
morning set	-4887 Apr 19 j 12:34	11°♓44'50	
asc. node	-4887 Apr 21 j 20:06	16°♓39'23	
superior conj	-4887 Apr 26 j 14:46	26°♓58'16	0°47'35
minimum elong	-4887 Apr 26 j 12:49	26°♓47'42	0°47'11
	-4887 Apr 28 j 00:33	0°♈	
max. Earth dist.	-4887 Apr 28 j 06:53	0°♈33'56	1.33343 AU
evening rise	-4887 May 04 j 01:06	12°♈34'50	
	-4887 May 13 j 06:27	0°♉	
	-4887 Jun 03 j 03:12	0°♊	
desc. node	-4887 Jun 03 j 22:37	0°♊51'52	
evening max el	-4887 Jun 05 j 23:48	2°♊55'33	27°25'05
retrograde	-4887 Jun 19 j 18:15	10°♊20'38	
evening set	-4887 Jun 26 j 21:12	7°♊46'31	
min. Earth dist.	-4887 Jun 30 j 11:33	4°♊41'46	0.63083 AU
inferior conj	-4887 Jul 03 j 06:05	1°♊55'31	-3°-55'-8
minimum elong	-4887 Jul 03 j 09:00	1°♊48'12	3°54'30
	-4887 Jul 05 j 05:36	30°℞♉	
morning rise	-4887 Jul 09 j 22:54	26°♉42'04	
direct	-4887 Jul 12 j 13:16	26°♉09'53	
asc. node	-4887 Jul 18 j 19:50	29°♉15'41	
morning max el	-4887 Jul 19 j 03:22	29°♉33'55	17°57'26
	-4887 Jul 19 j 13:39	0°♊	
morning set	-4887 Aug 04 j 19:40	25°♊27'17	
	-4887 Aug 07 j 09:45	0°♋	
superior conj	-4887 Aug 16 j 17:52	16°♋00'35	1°21'27
minimum elong	-4887 Aug 16 j 23:33	16°♋24'19	1°21'10
max. Earth dist.	-4887 Aug 23 j 03:51	26°♋33'06	1.43452 AU
	-4887 Aug 25 j 07:21	0°♌	
desc. node	-4887 Aug 30 j 21:40	8°♌50'08	
evening rise	-4887 Sep 01 j 08:44	11°♌06'30	
	-4887 Sep 13 j 19:45	0°♍	
greatest brilliancy	-4887 Sep 25 j 00:55	15°♍48'21	-0.5m
evening max el	-4887 Sep 30 j 16:01	22°♍26'37	20°57'29
retrograde	-4887 Oct 09 j 00:34	27°♍22'55	
evening set	-4887 Oct 12 j 22:29	25°♍55'56	
asc. node	-4887 Oct 14 j 18:46	24°♍15'06	
inferior conj	-4887 Oct 18 j 08:55	19°♍44'14	1°12'12
minimum elong	-4887 Oct 18 j 07:18	19°♍49'45	1°11'36
min. Earth dist.	-4887 Oct 18 j 20:47	19°♍03'43	0.67043 AU
morning rise	-4887 Oct 23 j 15:42	13°♍26'24	
direct	-4887 Oct 28 j 21:31	11°♍12'20	
morning max el	-4887 Nov 08 j 18:37	17°♍42'03	24°01'17
	-4887 Nov 19 j 01:19	0°♎	
desc. node	-4887 Nov 26 j 21:46	11°♎00'27	
	-4887 Dec 09 j 04:01	0°♏	
morning set	-4887 Dec 14 j 07:04	8°♏35'17	
max. Earth dist.	-4887 Dec 18 j 06:38	15°♏32'50	1.38496 AU
superior conj	-4887 Dec 25 j 11:30	28°♏48'23	-1°-50'-57
minimum elong	-4887 Dec 25 j 12:53	28°♏54'58	1°51'07
	-4887 Dec 26 j 02:33	0°♐	
evening rise	-4886 Jan 03 j 09:04	16°♐07'06	
asc. node	-4886 Jan 10 j 17:32	29°♐57'27	
	-4886 Jan 10 j 18:07	0°♑	
evening max el	-4886 Jan 19 j 21:30	12°♑44'00	18°53'04
retrograde	-4886 Jan 28 j 04:05	16°♑42'36	
evening set	-4886 Jan 30 j 14:26	16°♑23'24	
inferior conj	-4886 Feb 07 j 11:03	12°♑03'55	3°32'11
minimum elong	-4886 Feb 07 j 15:12	11°♑56'25	3°31'13
min. Earth dist.	-4886 Feb 10 j 16:25	9°♑45'02	0.57616 AU
morning rise	-4886 Feb 15 j 12:19	6°♑57'38	
direct	-4886 Feb 21 j 01:01	5°♑44'11	
desc. node	-4886 Feb 22 j 21:17	5°♑52'25	
morning max el	-4886 Mar 07 j 06:14	13°♑06'31	25°48'30
	-4886 Mar 20 j 11:58	0°♒	
morning set	-4886 Apr 04 j 00:37	26°♒47'30	
	-4886 Apr 05 j 13:01	0°♓	
asc. node	-4886 Apr 08 j 17:05	6°♓50'27	
superior conj	-4886 Apr 11 j 01:36	11°♓58'44	0°24'13
minimum elong	-4886 Apr 11 j 00:33	11°♓53'01	0°23'54
max. Earth dist.	-4886 Apr 11 j 18:08	13°♓28'56	1.32810 AU
evening rise	-4886 Apr 18 j 05:27	27°♓17'01	
	-4886 Apr 19 j 13:19	0°♈	
	-4886 May 06 j 17:06	0°♉	
evening max el	-4886 May 19 j 05:41	15°♉19'32	27°03'25
desc. node	-4886 May 21 j 19:47	17°♉37'51	
retrograde	-4886 Jun 02 j 05:08	22°♉41'50	
evening set	-4886 Jun 09 j 01:45	20°♉33'41	
min. Earth dist.	-4886 Jun 12 j 19:10	17°♉48'15	0.61185 AU
inferior conj	-4886 Jun 16 j 00:47	14°♉57'39	-4°-12'-5
minimum elong	-4886 Jun 16 j 01:48	14°♉55'24	4°11'53
morning rise	-4886 Jun 23 j 04:46	10°♉05'15	
direct	-4886 Jun 25 j 17:09	9°♉39'09	
morning max el	-4886 Jul 02 j 16:41	13°♉06'19	18°03'08
asc. node	-4886 Jul 05 j 16:54	16°♉31'54	
	-4886 Jul 14 j 03:22	0°♊	
morning set	-4886 Jul 18 j 17:19	8°♊21'24	
superior conj	-4886 Jul 29 j 01:50	27°♊07'08	1°42'02
minimum elong	-4886 Jul 29 j 05:06	27°♊21'26	1°42'06
	-4886 Jul 30 j 17:24	0°♋	
max. Earth dist.	-4886 Aug 05 j 13:26	9°♋55'30	1.41910 AU
evening rise	-4886 Aug 11 j 19:25	20°♋06'26	
desc. node	-4886 Aug 17 j 18:40	29°♋27'10	
	-4886 Aug 18 j 03:14	0°♌	
	-4886 Sep 08 j 06:55	0°♍	
greatest brilliancy	-4886 Sep 08 j 16:56	0°♍30'48	-0.3m
evening max el	-4886 Sep 13 j 10:34	5°♍51'32	22°12'36

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

retrograde	-4886 Sep 22 j 19:55	11°♍26'01	
evening set	-4886 Sep 27 j 06:36	9°♍39'52	
asc. node	-4886 Oct 01 j 15:56	4°♍41'41	
inferior conj	-4886 Oct 02 j 15:03	3°♍22'14	0°19'42
minimum elong	-4886 Oct 02 j 14:36	3°♍23'49	0°19'38
min. Earth dist.	-4886 Oct 02 j 16:27	3°♍17'26	0.67349 AU
	-4886 Oct 05 j 03:43	30°℞♎	
morning rise	-4886 Oct 07 j 22:26	27°♎05'19	
direct	-4886 Oct 12 j 13:12	25°♎12'43	
	-4886 Oct 21 j 05:42	0°♍	
morning max el	-4886 Oct 22 j 05:47	0°♍59'21	22°35'15
greatest brilliancy	-4886 Oct 26 j 23:09	6°♍18'51	-0.3m
	-4886 Nov 13 j 00:08	0°♎	
desc. node	-4886 Nov 13 j 18:41	1°♎09'53	
morning set	-4886 Nov 24 j 20:10	18°♎31'02	
max. Earth dist.	-4886 Nov 30 j 04:18	27°♎23'45	1.40556 AU
	-4886 Dec 01 j 16:55	0°♏	
superior conj	-4886 Dec 07 j 22:23	10°♏57'52	-1°-52'-5
minimum elong	-4886 Dec 07 j 21:08	10°♏52'10	1°52'14
evening rise	-4886 Dec 17 j 21:35	29°♏28'32	
	-4886 Dec 18 j 04:15	0°♐	
asc. node	-4886 Dec 28 j 14:37	18°♐27'29	
evening max el	-4885 Jan 03 j 02:42	25°♐26'57	18°20'33
retrograde	-4885 Jan 10 j 09:32	29°♐03'55	
evening set	-4885 Jan 12 j 22:03	28°♐39'02	
inferior conj	-4885 Jan 20 j 03:42	23°♐58'04	4°02'11
minimum elong	-4885 Jan 20 j 04:59	23°♐55'22	4°01'51
min. Earth dist.	-4885 Jan 23 j 11:53	21°♐10'28	0.59529 AU
morning rise	-4885 Jan 27 j 08:48	18°♐29'01	
direct	-4885 Feb 02 j 20:50	16°♐36'45	
desc. node	-4885 Feb 09 j 18:23	18°♐33'54	
morning max el	-4885 Feb 17 j 01:49	24°♐11'04	26°58'42
	-4885 Feb 22 j 09:19	0°♑	
	-4885 Mar 13 j 13:30	0°♒	
morning set	-4885 Mar 19 j 10:44	11°♒43'44	
superior conj	-4885 Mar 26 j 13:21	27°♒00'41	0°00'-17
minimum elong	-4885 Mar 26 j 13:22	27°♒00'46	0°00'27
behind sun begin	-4885 Mar 26 j 08:23	26°♒33'27	
behind sun end	-4885 Mar 26 j 18:22	27°♒28'05	
max. Earth dist.	-4885 Mar 26 j 07:46	26°♒30'05	1.32608 AU
asc. node	-4885 Mar 26 j 14:03	27°♒04'31	
	-4885 Mar 27 j 22:08	0°♓	
evening rise	-4885 Apr 02 j 14:09	12°♓10'55	
	-4885 Apr 11 j 18:11	0°♈	
evening max el	-4885 May 01 j 05:26	27°♈01'19	26°09'45
	-4885 May 04 j 16:09	0°♉	
desc. node	-4885 May 08 j 16:57	2°♉35'06	
retrograde	-4885 May 15 j 07:36	4°♉19'03	
evening set	-4885 May 21 j 10:00	2°♉46'59	
	-4885 May 25 j 20:29	30°℞♈	
min. Earth dist.	-4885 May 25 j 18:08	0°♉04'18	0.59148 AU
inferior conj	-4885 May 29 j 03:07	27°♈29'57	-4°-6'-36
minimum elong	-4885 May 29 j 01:03	27°♈33'55	4°06'21
morning rise	-4885 Jun 05 j 19:55	22°♈59'48	
direct	-4885 Jun 08 j 07:12	22°♈38'43	
morning max el	-4885 Jun 16 j 01:45	26°♈21'02	18°28'25
	-4885 Jun 19 j 07:44	0°♉	
asc. node	-4885 Jun 22 j 13:54	4°♉40'29	
morning set	-4885 Jul 02 j 04:45	21°♉57'12	
	-4885 Jul 06 j 09:25	0°♊	
superior conj	-4885 Jul 11 j 09:32	9°♊25'31	1°49'20
minimum elong	-4885 Jul 11 j 10:00	9°♊27'41	1°49'33
max. Earth dist.	-4885 Jul 18 j 17:15	22°♊33'44	1.40041 AU
evening rise	-4885 Jul 23 j 04:45	0°♋11'14	
	-4885 Jul 23 j 02:03	0°♋	
desc. node	-4885 Aug 04 j 15:41	19°♋54'38	
	-4885 Aug 11 j 13:50	0°♌	
evening max el	-4885 Aug 26 j 23:54	19°♌16'19	23°33'11
retrograde	-4885 Sep 06 j 12:26	25°♌29'43	
evening set	-4885 Sep 11 j 13:27	23°♌23'30	
inferior conj	-4885 Sep 16 j 21:32	17°♌03'16	0°-33'-33
minimum elong	-4885 Sep 16 j 22:19	17°♌00'37	0°33'03
min. Earth dist.	-4885 Sep 16 j 12:40	17°♌33'37	0.67355 AU
asc. node	-4885 Sep 18 j 13:04	14°♌50'21	
morning rise	-4885 Sep 22 j 07:16	10°♌50'20	
direct	-4885 Sep 26 j 08:22	9°♌18'33	
morning max el	-4885 Oct 04 j 22:21	14°♌22'50	21°14'03
greatest brilliancy	-4885 Oct 10 j 08:56	20°♌43'30	-0.5m
	-4885 Oct 17 j 04:24	0°♍	
desc. node	-4885 Oct 31 j 15:36	21°♍34'09	
morning set	-4885 Nov 04 j 06:41	27°♍12'57	
	-4885 Nov 06 j 01:06	0°♎	
max. Earth dist.	-4885 Nov 12 j 07:56	10°♎06'28	1.42423 AU
superior conj	-4885 Nov 19 j 10:29	21°♎59'11	-1°-40'-15
minimum elong	-4885 Nov 19 j 05:45	21°♎38'56	1°40'02
	-4885 Nov 24 j 01:27	0°♏	
evening rise	-4885 Nov 30 j 20:58	12°♏09'36	
	-4885 Dec 11 j 02:52	0°♐	
asc. node	-4885 Dec 15 j 11:43	6°♐12'54	
evening max el	-4885 Dec 17 j 13:03	8°♐30'42	18°08'03
retrograde	-4885 Dec 24 j 06:42	11°♐59'37	
evening set	-4885 Dec 26 j 21:34	11°♐28'06	
inferior conj	-4884 Jan 02 j 14:44	6°♐25'22	4°03'07
minimum elong	-4884 Jan 02 j 13:26	6°♐28'31	4°02'49
min. Earth dist.	-4884 Jan 05 j 14:43	3°♐32'18	0.61502 AU
morning rise	-4884 Jan 09 j 02:56	0°♐39'59	
	-4884 Jan 10 j 03:57	30°℞♏	
direct	-4884 Jan 16 j 02:57	28°♏14'18	
	-4884 Jan 22 j 10:55	0°♐	
desc. node	-4884 Jan 27 j 15:26	3°♐37'18	
morning max el	-4884 Jan 30 j 03:48	5°♐55'29	27°36'22
	-4884 Feb 17 j 07:54	0°♑	
morning set	-4884 Mar 02 j 17:00	26°♑26'31	
	-4884 Mar 04 j 10:15	0°♒	
max. Earth dist.	-4884 Mar 08 j 19:52	9°♒23'20	1.32748 AU
superior conj	-4884 Mar 10 j 00:25	11°♒58'25	0°-25'-5
minimum elong	-4884 Mar 10 j 01:32	12°♒04'30	0°25'05
asc. node	-4884 Mar 12 j 11:01	17°♒17'32	
evening rise	-4884 Mar 17 j 01:13	27°♒09'22	
	-4884 Mar 18 j 09:56	0°♓	
	-4884 Apr 04 j 21:38	0°♈	
evening max el	-4884 Apr 11 j 23:27	8°♈05'32	24°50'34
desc. node	-4884 Apr 24 j 14:06	15°♈07'01	
retrograde	-4884 Apr 25 j 23:40	15°♈11'35	
evening set	-4884 Apr 30 j 21:13	14°♈16'38	
min. Earth dist.	-4884 May 06 j 11:43	11°♈20'30	0.57252 AU
inferior conj	-4884 May 09 j 10:01	9°♈24'08	-3°-28'-59
minimum elong	-4884 May 09 j 04:58	9°♈32'33	3°28'00
morning rise	-4884 May 17 j 16:58	5°♈13'40	
direct	-4884 May 20 j 03:21	4°♈56'40	
morning max el	-4884 May 29 j 03:42	9°♈08'52	19°13'53
asc. node	-4884 Jun 08 j 10:54	23°♈29'17	
	-4884 Jun 11 j 23:20	0°♉	
morning set	-4884 Jun 15 j 02:07	6°♉05'12	
superior conj	-4884 Jun 23 j 11:11	22°♉39'40	1°46'21
minimum elong	-4884 Jun 23 j 09:40	22°♉32'20	1°46'28
	-4884 Jun 27 j 07:29	0°♊	
max. Earth dist.	-4884 Jun 29 j 18:24	4°♊32'45	1.38109 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4884 Jul 03 j 16:34	11°♊34'31		
	-4884 Jul 14 j 19:32	0°♋		
desc. node	-4884 Jul 21 j 12:43	10°♋07'33		
	-4884 Aug 05 j 19:55	0°♌		
evening max el	-4884 Aug 08 j 10:37	2°♌43'54	24°52'28	
retrograde	-4884 Aug 20 j 01:05	9°♌30'28		
evening set	-4884 Aug 25 j 17:12	7°♌05'24		
min. Earth dist.	-4884 Aug 30 j 07:06	1°♌51'04	0.67056 AU	
inferior conj	-4884 Aug 31 j 02:39	0°♌46'05	-1°-25'-54	
minimum elong	-4884 Aug 31 j 04:37	0°♌39'35	1°24'54	
	-4884 Aug 31 j 16:35	30°℞♋		
asc. node	-4884 Sep 04 j 10:13	25°♋40'52		
morning rise	-4884 Sep 05 j 16:23	24°♋40'16		
direct	-4884 Sep 09 j 05:52	23°♋26'52		
morning max el	-4884 Sep 16 j 21:52	27°♋54'17	20°03'18	
	-4884 Sep 18 j 19:48	0°♌		
greatest brilliancy	-4884 Sep 24 j 06:21	7°♌00'44	-0.6m	
	-4884 Oct 09 j 16:43	0°♍		
morning set	-4884 Oct 13 j 05:14	5°♍26'21		
desc. node	-4884 Oct 17 j 12:28	12°♍08'14		
max. Earth dist.	-4884 Oct 24 j 18:17	23°♍34'45	1.43852 AU	
	-4884 Oct 28 j 18:03	0°♎		
superior conj	-4884 Oct 29 j 19:12	1°♎42'09	-1°-12'-27	
minimum elong	-4884 Oct 29 j 12:31	1°♎14'59	1°11'44	
evening rise	-4884 Nov 12 j 02:40	24°♎00'01		
	-4884 Nov 15 j 14:33	0°♏		
evening max el	-4884 Nov 30 j 01:41	21°♏47'01	18°14'48	
asc. node	-4884 Dec 01 j 08:51	22°♏59'46		
retrograde	-4884 Dec 06 j 15:04	25°♏19'13		
evening set	-4884 Dec 09 j 09:21	24°♏39'37		
inferior conj	-4884 Dec 15 j 16:22	19°♏16'36	3°43'49	
minimum elong	-4884 Dec 15 j 13:35	19°♏24'11	3°43'10	
min. Earth dist.	-4884 Dec 18 j 02:56	16°♏38'09	0.63302 AU	
morning rise	-4884 Dec 21 j 16:07	13°♏19'18		
direct	-4884 Dec 28 j 17:12	10°♏33'54		
morning max el	-4883 Jan 11 j 10:38	18°♏16'46	27°37'56	
desc. node	-4883 Jan 13 j 12:27	20°♏25'07		
	-4883 Jan 21 j 09:25	0°♐		
	-4883 Feb 09 j 02:48	0°♑		
morning set	-4883 Feb 14 j 16:58	10°♑46'16		
max. Earth dist.	-4883 Feb 20 j 02:28	21°♑53'52	1.33259 AU	
superior conj	-4883 Feb 22 j 09:02	26°♑44'46	0°-49'-19	
minimum elong	-4883 Feb 22 j 11:08	26°♑56'04	0°49'11	
	-4883 Feb 23 j 21:20	0°♒		
asc. node	-4883 Feb 27 j 07:59	7°♒24'45		
evening rise	-4883 Mar 01 j 12:46	12°♒04'48		
	-4883 Mar 10 j 18:35	0°♓		
evening max el	-4883 Mar 24 j 15:41	18°♓50'40	23°17'56	
retrograde	-4883 Apr 07 j 02:55	25°♓29'22		
evening set	-4883 Apr 10 j 17:25	25°♓00'56		
desc. node	-4883 Apr 11 j 11:16	24°♓48'20		
min. Earth dist.	-4883 Apr 18 j 02:51	21°♓39'39	0.55843 AU	
inferior conj	-4883 Apr 19 j 21:19	20°♓36'55	-2°-12'-22	
minimum elong	-4883 Apr 19 j 16:08	20°♓44'36	2°10'55	
morning rise	-4883 Apr 28 j 17:59	16°♓38'01		
direct	-4883 May 01 j 05:13	16°♓23'03		
morning max el	-4883 May 11 j 19:54	21°♓19'52	20°19'31	
	-4883 May 18 j 22:11	0°♈		
asc. node	-4883 May 26 j 07:51	12°♈48'08		
morning set	-4883 May 30 j 06:27	20°♈37'19		
	-4883 Jun 03 j 20:15	0°♉		
superior conj	-4883 Jun 07 j 01:43	6°♉34'47	1°35'49	
minimum elong	-4883 Jun 06 j 23:12	6°♉22'04	1°35'44	
max. Earth dist.	-4883 Jun 11 j 23:39	16°♉17'53	1.36344 AU	

evening rise	-4883 Jun 16 j 03:05	24°♉06'51		
	-4883 Jun 19 j 09:18	0°♊		
desc. node	-4883 Jul 08 j 09:46	29°♊59'17		
	-4883 Jul 08 j 09:58	0°♋		
evening max el	-4883 Jul 21 j 21:21	16°♋14'38	26°02'30	
retrograde	-4883 Aug 03 j 09:11	23°♋23'38		
evening set	-4883 Aug 09 j 15:53	20°♋43'53		
min. Earth dist.	-4883 Aug 13 j 21:16	16°♋07'42	0.66426 AU	
inferior conj	-4883 Aug 15 j 04:37	14°♋28'49	-2°-15'-36	
minimum elong	-4883 Aug 15 j 07:34	14°♋19'32	2°14'20	
morning rise	-4883 Aug 20 j 23:56	8°♋33'31		
asc. node	-4883 Aug 22 j 07:19	7°♋55'28		
direct	-4883 Aug 24 j 04:08	7°♋35'23		
morning max el	-4883 Aug 31 j 04:12	11°♋33'45	19°06'40	
	-4883 Sep 13 j 12:25	0°♌		
morning set	-4883 Sep 22 j 15:11	14°♌18'20		
	-4883 Oct 02 j 14:27	0°♍		
desc. node	-4883 Oct 04 j 09:22	2°♍48'54		
max. Earth dist.	-4883 Oct 07 j 10:13	7°♍36'07	1.44660 AU	
superior conj	-4883 Oct 09 j 03:18	10°♍18'29	0°-29'-36	
minimum elong	-4883 Oct 08 j 23:33	10°♍03'41	0°29'02	
	-4883 Oct 21 j 10:30	0°♎		
evening rise	-4883 Oct 24 j 10:02	4°♎51'05		
	-4883 Nov 09 j 08:09	0°♏		
evening max el	-4883 Nov 13 j 13:55	5°♏10'45	18°39'44	
asc. node	-4883 Nov 18 j 06:00	8°♏33'11		
retrograde	-4883 Nov 20 j 06:46	8°♏55'52		
evening set	-4883 Nov 23 j 06:05	8°♏06'15		
inferior conj	-4883 Nov 29 j 05:03	2°♏25'21	3°10'57	
minimum elong	-4883 Nov 29 j 01:47	2°♏35'04	3°10'00	
min. Earth dist.	-4883 Dec 01 j 00:58	0°♏14'35	0.64796 AU	
	-4883 Dec 01 j 05:59	30°℞♎		
morning rise	-4883 Dec 04 j 20:20	26°♎18'57		
direct	-4883 Dec 11 j 14:11	23°♎29'17		
	-4883 Dec 23 j 16:31	0°♏		
morning max el	-4883 Dec 24 j 19:56	1°♏06'14	27°05'55	
desc. node	-4883 Dec 31 j 09:27	8°♏27'29		
	-4882 Jan 15 j 10:51	0°♐		
morning set	-4882 Jan 29 j 07:36	24°♐32'59		
	-4882 Feb 01 j 02:05	0°♑		
max. Earth dist.	-4882 Feb 03 j 00:01	3°♑51'53	1.34188 AU	
superior conj	-4882 Feb 06 j 13:15	11°♑13'08	-1°-11'-52	
minimum elong	-4882 Feb 06 j 16:03	11°♑27'53	1°11'42	
evening rise	-4882 Feb 13 j 23:07	26°♑51'11		
asc. node	-4882 Feb 14 j 04:59	27°♑21'43		
	-4882 Feb 15 j 11:42	0°♒		
evening max el	-4882 Mar 06 j 12:05	29°♒42'52	21°45'38	
	-4882 Mar 06 j 19:23	0°♓		
retrograde	-4882 Mar 18 j 18:55	5°♓37'27		
evening set	-4882 Mar 21 j 12:01	5°♓21'01		
desc. node	-4882 Mar 29 j 08:27	2°♓06'47		
inferior conj	-4882 Mar 30 j 19:04	1°♓18'21	0°-23'-48	
minimum elong	-4882 Mar 30 j 17:58	1°♓19'55	0°23'34	
min. Earth dist.	-4882 Mar 30 j 16:59	1°♓21'17	0.55219 AU	
	-4882 Apr 02 j 03:40	30°℞♒		
morning rise	-4882 Apr 09 j 00:28	27°♒16'53		
direct	-4882 Apr 11 j 19:16	26°♒59'39		
	-4882 Apr 20 j 13:50	0°♓		
morning max el	-4882 Apr 24 j 01:07	2°♓49'01	21°43'22	
	-4882 May 11 j 23:08	0°♈		
asc. node	-4882 May 13 j 04:47	2°♈29'16		
morning set	-4882 May 14 j 15:20	5°♈26'28		
superior conj	-4882 May 22 j 01:17	20°♈59'17	1°19'54	
minimum elong	-4882 May 21 j 22:33	20°♈45'04	1°19'36	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4882 May 25 j 14:04	28°♈15'39	1.34893 AU
	-4882 May 26 j 10:45	0°♉	
evening rise	-4882 May 30 j 06:47	7°♉32'24	
	-4882 Jun 12 j 00:01	0°♊	
desc. node	-4882 Jun 25 j 06:53	19°♊20'06	
evening max el	-4882 Jul 04 j 08:42	29°♊41'13	26°55'01
	-4882 Jul 04 j 16:30	0°♋	
retrograde	-4882 Jul 17 j 12:01	7°♋02'03	
evening set	-4882 Jul 24 j 07:04	4°♋15'01	
min. Earth dist.	-4882 Jul 28 j 04:45	0°♋17'51	0.65431 AU
	-4882 Jul 28 j 10:56	30°℞♊	
inferior conj	-4882 Jul 30 j 01:20	28°♊07'19	-3°00'-39
minimum elong	-4882 Jul 30 j 04:52	27°♊56'58	2°59'25
morning rise	-4882 Aug 05 j 03:48	22°♊25'56	
direct	-4882 Aug 08 j 00:59	21°♊39'59	
asc. node	-4882 Aug 09 j 04:24	21°♊47'08	
morning max el	-4882 Aug 14 j 15:41	25°♊17'55	18°26'05
	-4882 Aug 18 j 13:50	0°♋	
morning set	-4882 Sep 03 j 02:31	24°♋24'54	
	-4882 Sep 06 j 12:43	0°♌	
superior conj	-4882 Sep 18 j 02:49	18°♌34'28	0°19'44
minimum elong	-4882 Sep 18 j 05:20	18°♌44'27	0°19'35
max. Earth dist.	-4882 Sep 20 j 04:33	21°♌51'02	1.44746 AU
desc. node	-4882 Sep 21 j 06:17	23°♌32'34	
	-4882 Sep 25 j 08:45	0°♍	
evening rise	-4882 Oct 04 j 16:12	14°♍37'13	
	-4882 Oct 14 j 12:07	0°♎	
greatest brilliancy	-4882 Oct 18 j 02:28	5°♎29'49	-0.7m
evening max el	-4882 Oct 27 j 23:11	18°♎37'07	19°21'35
retrograde	-4882 Nov 04 j 02:32	22°♎44'03	
asc. node	-4882 Nov 05 j 03:10	22°♎37'58	
evening set	-4882 Nov 07 j 08:52	21°♎41'59	
inferior conj	-4882 Nov 13 j 01:37	15°♎46'16	2°29'06
minimum elong	-4882 Nov 12 j 22:39	15°♎55'46	2°28'04
min. Earth dist.	-4882 Nov 14 j 07:53	14°♎09'28	0.65936 AU
morning rise	-4882 Nov 18 j 11:38	9°♎33'12	
direct	-4882 Nov 24 j 17:01	6°♎51'40	
morning max el	-4882 Dec 07 j 05:31	14°♎12'24	26°06'59
desc. node	-4882 Dec 18 j 06:25	27°♎22'15	
	-4882 Dec 20 j 04:32	0°♏	
	-4881 Jan 08 j 04:32	0°♐	
morning set	-4881 Jan 12 j 08:49	7°♐34'16	
max. Earth dist.	-4881 Jan 16 j 10:13	15°♐16'48	1.35559 AU
superior conj	-4881 Jan 21 j 10:40	25°♐15'57	-1°-31'-21
minimum elong	-4881 Jan 21 j 13:39	25°♐31'07	1°31'17
	-4881 Jan 23 j 18:10	0°♑	
evening rise	-4881 Jan 29 j 06:25	11°♑22'24	
asc. node	-4881 Feb 01 j 02:03	17°♑03'28	
	-4881 Feb 08 j 04:42	0°♒	
evening max el	-4881 Feb 16 j 17:19	11°♒02'44	20°24'37
retrograde	-4881 Feb 27 j 09:29	16°♒06'28	
evening set	-4881 Mar 01 j 18:24	15°♒52'31	
inferior conj	-4881 Mar 10 j 16:02	11°♒54'03	1°29'50
minimum elong	-4881 Mar 10 j 19:48	11°♒48'31	1°28'26
min. Earth dist.	-4881 Mar 12 j 07:01	10°♒56'41	0.55513 AU
desc. node	-4881 Mar 16 j 05:36	8°♒50'35	
morning rise	-4881 Mar 19 j 19:02	7°♒32'46	
direct	-4881 Mar 23 j 09:07	7°♒04'43	
morning max el	-4881 Apr 05 j 20:58	13°♒42'26	23°19'44
	-4881 Apr 18 j 07:49	0°♓	
morning set	-4881 Apr 29 j 02:53	20°♓26'40	
asc. node	-4881 Apr 30 j 01:44	22°♓26'39	
	-4881 May 03 j 14:44	0°♈	
superior conj	-4881 May 06 j 07:01	5°♈44'30	1°00'11
minimum elong	-4881 May 06 j 04:39	5°♈31'55	0°59'48
max. Earth dist.	-4881 May 08 j 14:24	10°♈38'27	1.33803 AU
evening rise	-4881 May 13 j 22:55	21°♈37'23	
	-4881 May 18 j 07:05	0°♉	
	-4881 Jun 05 j 20:27	0°♊	
desc. node	-4881 Jun 12 j 04:01	7°♊57'04	
evening max el	-4881 Jun 16 j 19:33	12°♊52'57	27°22'34
retrograde	-4881 Jun 30 j 09:24	20°♊18'05	
evening set	-4881 Jul 07 j 11:47	17°♊34'59	
min. Earth dist.	-4881 Jul 11 j 03:35	14°♊13'41	0.64052 AU
inferior conj	-4881 Jul 13 j 14:23	11°♊37'11	-3°-38'-18
minimum elong	-4881 Jul 13 j 17:49	11°♊28'01	3°37'24
morning rise	-4881 Jul 20 j 01:33	6°♊12'59	
direct	-4881 Jul 22 j 17:52	5°♊36'27	
asc. node	-4881 Jul 27 j 01:27	7°♊10'08	
morning max el	-4881 Jul 29 j 06:03	9°♊02'44	18°02'42
	-4881 Aug 12 j 07:19	0°♋	
morning set	-4881 Aug 15 j 16:15	5°♋46'43	
superior conj	-4881 Aug 28 j 16:29	27°♋35'03	1°02'48
minimum elong	-4881 Aug 28 j 22:23	27°♋59'03	1°02'22
	-4881 Aug 30 j 04:10	0°♌	
max. Earth dist.	-4881 Sep 02 j 21:21	5°♌58'23	1.44111 AU
desc. node	-4881 Sep 08 j 03:14	14°♌16'14	
evening rise	-4881 Sep 14 j 01:27	23°♌29'49	
	-4881 Sep 18 j 06:53	0°♍	
greatest brilliancy	-4881 Oct 04 j 11:44	23°♍55'16	-0.6m
	-4881 Oct 09 j 06:25	0°♎	
evening max el	-4881 Oct 11 j 03:26	2°♎03'30	20°18'41
retrograde	-4881 Oct 18 j 23:46	6°♎40'16	
evening set	-4881 Oct 22 j 15:19	5°♎23'07	
asc. node	-4881 Oct 23 j 00:21	5°♎06'22	
	-4881 Oct 27 j 14:26	30°℞♍	
inferior conj	-4881 Oct 28 j 03:34	29°♍16'02	1°41'24
minimum elong	-4881 Oct 28 j 01:22	29°♍23'25	1°40'34
min. Earth dist.	-4881 Oct 28 j 21:45	28°♍15'00	0.66728 AU
morning rise	-4881 Nov 02 j 10:53	22°♍58'56	
direct	-4881 Nov 08 j 01:23	20°♍33'38	
morning max el	-4881 Nov 19 j 14:28	27°♍25'45	24°49'56
	-4881 Nov 22 j 00:44	0°♎	
desc. node	-4881 Dec 05 j 03:23	16°♎54'12	
	-4881 Dec 13 j 21:01	0°♏	
morning set	-4881 Dec 25 j 15:14	19°♏35'01	
max. Earth dist.	-4881 Dec 29 j 10:15	26°♏25'05	1.37337 AU
	-4881 Dec 31 j 08:35	0°♐	
superior conj	-4880 Jan 04 j 22:07	8°♐43'56	-1°-45'-51
minimum elong	-4880 Jan 05 j 00:25	8°♐55'12	1°45'57
evening rise	-4880 Jan 13 j 08:33	25°♐31'51	
	-4880 Jan 15 j 14:43	0°♑	
asc. node	-4880 Jan 18 j 23:08	6°♑23'35	
evening max el	-4880 Jan 30 j 08:59	22°♑57'43	19°20'52
retrograde	-4880 Feb 08 j 10:35	27°♑16'28	
evening set	-4880 Feb 10 j 19:27	27°♑00'06	
inferior conj	-4880 Feb 19 j 01:29	22°♑51'07	2°58'25
minimum elong	-4880 Feb 19 j 06:33	22°♑42'38	2°56'57
min. Earth dist.	-4880 Feb 21 j 21:49	20°♑58'00	0.56657 AU
morning rise	-4880 Feb 27 j 14:01	18°♑00'18	
desc. node	-4880 Mar 02 j 02:45	17°♑11'07	
direct	-4880 Mar 03 j 09:15	17°♑07'20	
morning max el	-4880 Mar 17 j 12:10	24°♑18'55	24°57'31
	-4880 Mar 22 j 16:36	0°♒	
	-4880 Apr 09 j 23:08	0°♓	
morning set	-4880 Apr 12 j 15:13	5°♓30'11	
asc. node	-4880 Apr 15 j 22:43	12°♓34'05	
superior conj	-4880 Apr 19 j 16:32	20°♓41'27	0°37'53

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4880 Apr 19 j 14:56	20°♓32'47	0°37'30	
max. Earth dist.	-4880 Apr 20 j 22:26	23°♓23'21	1.33068 AU	
	-4880 Apr 24 j 00:38	0°♈		
evening rise	-4880 Apr 26 j 23:38	6°♈08'41		
	-4880 May 09 j 21:18	0°♉		
evening max el	-4880 May 29 j 03:45	25°♉36'59	27°19'48	
desc. node	-4880 May 29 j 01:11	25°♉30'47		
	-4880 Jun 03 j 12:14	0°♊		
retrograde	-4880 Jun 12 j 00:43	3°♊01'53		
evening set	-4880 Jun 19 j 02:22	0°♊36'48		
	-4880 Jun 19 j 23:02	30°℞♉		
min. Earth dist.	-4880 Jun 22 j 16:44	27°♉42'19	0.62309 AU	
inferior conj	-4880 Jun 25 j 16:44	24°♉51'37	-4°-4'-32	
minimum elong	-4880 Jun 25 j 19:01	24°♉46'11	4°04'06	
morning rise	-4880 Jul 02 j 14:09	19°♉47'10		
direct	-4880 Jul 05 j 03:25	19°♉17'53		
morning max el	-4880 Jul 11 j 20:35	22°♉41'55	17°57'30	
asc. node	-4880 Jul 12 j 22:30	23°♉49'33		
	-4880 Jul 17 j 13:38	0°♊		
morning set	-4880 Jul 28 j 03:48	18°♊10'54		
	-4880 Aug 03 j 19:03	0°♋		
superior conj	-4880 Aug 08 j 08:44	7°♋54'54	1°31'59	
minimum elong	-4880 Aug 08 j 13:35	8°♋15'32	1°31'51	
max. Earth dist.	-4880 Aug 15 j 09:35	19°♋39'38	1.42849 AU	
	-4880 Aug 21 j 20:19	0°♌		
evening rise	-4880 Aug 23 j 05:30	2°♌10'20		
desc. node	-4880 Aug 25 j 00:12	4°♌56'43		
	-4880 Sep 10 j 20:00	0°♍		
greatest brilliancy	-4880 Sep 17 j 22:47	9°♍34'59	-0.4m	
evening max el	-4880 Sep 23 j 01:28	15°♍28'53	21°28'26	
retrograde	-4880 Oct 01 j 20:21	20°♍41'39		
evening set	-4880 Oct 05 j 23:22	19°♍06'51		
asc. node	-4880 Oct 08 j 21:30	16°♍08'15		
inferior conj	-4880 Oct 11 j 08:44	12°♍52'02	0°50'07	
minimum elong	-4880 Oct 11 j 07:36	12°♍55'58	0°49'44	
min. Earth dist.	-4880 Oct 11 j 16:06	12°♍26'43	0.67204 AU	
morning rise	-4880 Oct 16 j 15:31	6°♍33'57		
direct	-4880 Oct 21 j 14:44	4°♍28'56		
morning max el	-4880 Oct 31 j 23:58	10°♍41'32	23°24'31	
greatest brilliancy	-4880 Nov 06 j 18:59	17°♍16'22	-0.2m	
	-4880 Nov 16 j 06:55	0°♎		
desc. node	-4880 Nov 21 j 00:19	6°♎52'32		
morning set	-4880 Dec 05 j 20:47	0°♏19'46		
	-4880 Dec 05 j 16:03	0°♏		
max. Earth dist.	-4880 Dec 10 j 06:03	7°♏49'36	1.39368 AU	
superior conj	-4880 Dec 17 j 19:28	21°♏26'22	-1°-52'-47	
minimum elong	-4880 Dec 17 j 19:54	21°♏28'21	1°53'00	
	-4880 Dec 22 j 08:14	0°♐		
evening rise	-4880 Dec 27 j 02:56	9°♐13'06		
asc. node	-4879 Jan 04 j 20:13	25°♐14'49		
	-4879 Jan 07 j 21:52	0°♑		
evening max el	-4879 Jan 12 j 10:02	5°♑25'58	18°36'49	
retrograde	-4879 Jan 20 j 05:14	9°♑13'26		
evening set	-4879 Jan 22 j 16:26	8°♑52'03		
inferior conj	-4879 Jan 30 j 06:27	4°♑24'06	3°49'02	
minimum elong	-4879 Jan 30 j 09:27	4°♑18'18	3°48'24	
min. Earth dist.	-4879 Feb 02 j 14:57	1°♑49'52	0.58398 AU	
	-4879 Feb 05 j 08:12	30°℞♐		
morning rise	-4879 Feb 06 j 22:54	29°♐07'02		
direct	-4879 Feb 12 j 22:51	27°♐36'50		
desc. node	-4879 Feb 16 j 23:52	28°♐16'59		
	-4879 Feb 20 j 17:12	0°♑		
morning max el	-4879 Feb 27 j 04:42	5°♑06'06	26°21'45	
	-4879 Mar 17 j 10:02	0°♒		
morning set	-4879 Mar 28 j 02:38	20°♒30'44		
	-4879 Apr 01 j 13:04	0°♓		
asc. node	-4879 Apr 02 j 19:41	2°♓46'57		
superior conj	-4879 Apr 04 j 03:58	5°♓43'23	0°13'56	
minimum elong	-4879 Apr 04 j 03:21	5°♓40'03	0°13'40	
behind sun begin	-4879 Apr 04 j 00:51	5°♓26'23		
behind sun end	-4879 Apr 04 j 05:51	5°♓53'44		
max. Earth dist.	-4879 Apr 04 j 10:54	6°♓21'21	1.32680 AU	
evening rise	-4879 Apr 11 j 06:05	20°♓56'43		
	-4879 Apr 15 j 18:09	0°♈		
	-4879 May 04 j 09:11	0°♉		
evening max el	-4879 May 11 j 07:08	7°♉43'17	26°44'18	
desc. node	-4879 May 15 j 22:20	11°♉34'46		
retrograde	-4879 May 25 j 08:31	15°♉04'35		
evening set	-4879 May 31 j 22:38	13°♉11'07		
min. Earth dist.	-4879 Jun 04 j 20:37	10°♉28'40	0.60318 AU	
inferior conj	-4879 Jun 08 j 04:53	7°♉42'11	-4°-13'-6	
minimum elong	-4879 Jun 08 j 04:43	7°♉42'33	4°12'58	
morning rise	-4879 Jun 15 j 14:08	2°♉59'11		
direct	-4879 Jun 18 j 01:50	2°♉35'28		
morning max el	-4879 Jun 25 j 08:25	6°♉07'51	18°11'23	
asc. node	-4879 Jun 29 j 19:31	11°♉29'39		
	-4879 Jul 10 j 13:54	0°♊		
morning set	-4879 Jul 11 j 07:50	1°♊24'02		
superior conj	-4879 Jul 21 j 03:27	19°♊33'43	1°46'35	
minimum elong	-4879 Jul 21 j 05:28	19°♊42'46	1°46'45	
	-4879 Jul 27 j 02:04	0°♋		
max. Earth dist.	-4879 Jul 28 j 16:06	2°♋42'03	1.41141 AU	
evening rise	-4879 Aug 03 j 00:35	11°♋34'28		
desc. node	-4879 Aug 11 j 21:10	25°♋30'11		
	-4879 Aug 14 j 20:43	0°♌		
greatest brilliancy	-4879 Aug 31 j 20:29	23°♌25'52	-0.3m	
evening max el	-4879 Sep 05 j 17:34	28°♌53'40	22°46'40	
	-4879 Sep 06 j 20:46	0°♍		
retrograde	-4879 Sep 15 j 14:35	4°♍45'03		
evening set	-4879 Sep 20 j 07:06	2°♍50'39		
	-4879 Sep 23 j 00:33	30°℞♌		
inferior conj	-4879 Sep 25 j 15:13	26°♌31'36	0°-2'-54	
minimum elong	-4879 Sep 25 j 15:17	26°♌31'23	0°02'44	
transit middle	-4879 Sep 25 j 15:17	26°♌31'23	0°02'44	
transit begin	-4879 Sep 25 j 12:37	26°♌40'34		
transit end	-4879 Sep 25 j 17:56	26°♌22'13		
min. Earth dist.	-4879 Sep 25 j 12:21	26°♌41'30	0.67387 AU	
asc. node	-4879 Sep 25 j 18:39	26°♌19'46		
morning rise	-4879 Sep 30 j 23:22	20°♌15'48		
direct	-4879 Oct 05 j 08:10	18°♌32'01		
morning max el	-4879 Oct 14 j 12:54	24°♌00'20	21°59'37	
greatest brilliancy	-4879 Oct 19 j 09:30	29°♌32'32	-0.4m	
	-4879 Oct 19 j 18:20	0°♍		
desc. node	-4879 Nov 07 j 21:11	27°♍08'44		
	-4879 Nov 09 j 17:50	0°♎		
morning set	-4879 Nov 15 j 21:37	9°♎40'25		
max. Earth dist.	-4879 Nov 22 j 05:23	20°♎00'10	1.41390 AU	
	-4879 Nov 28 j 02:16	0°♏		
superior conj	-4879 Nov 29 j 21:20	3°♏08'30	-1°-48'-52	
minimum elong	-4879 Nov 29 j 18:37	2°♏56'31	1°48'54	
evening rise	-4879 Dec 10 j 10:16	22°♏17'48		
	-4879 Dec 14 j 14:44	0°♐		
asc. node	-4879 Dec 22 j 17:19	13°♐27'16		
evening max el	-4879 Dec 26 j 17:49	18°♐18'52	18°12'53	
retrograde	-4878 Jan 02 j 17:38	21°♐50'26		
evening set	-4878 Jan 05 j 07:13	21°♐22'45		
inferior conj	-4878 Jan 12 j 07:15	16°♐32'34	4°05'31	
minimum elong	-4878 Jan 12 j 07:19	16°♐32'24	4°05'17	
min. Earth dist.	-4878 Jan 15 j 13:03	13°♐39'52	0.60383 AU	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning rise	-4878 Jan 19 j 04:40	10°♐56'15	
direct	-4878 Jan 25 j 23:31	8°♐48'13	
desc. node	-4878 Feb 03 j 20:57	12°♐02'48	
morning max el	-4878 Feb 09 j 02:41	16°♐25'33	27°19'01
	-4878 Feb 20 j 07:33	0°♑	
	-4878 Mar 09 j 20:02	0°♒	
morning set	-4878 Mar 12 j 11:20	5°♒21'39	
max. Earth dist.	-4878 Mar 19 j 00:16	19°♒20'15	1.32625 AU
superior conj	-4878 Mar 19 j 15:36	20°♒44'04	0°-10'-49
minimum elong	-4878 Mar 19 j 16:05	20°♒46'44	0°10'55
behind sun begin	-4878 Mar 19 j 12:26	20°♒26'46	
behind sun end	-4878 Mar 19 j 19:45	21°♒06'42	
asc. node	-4878 Mar 20 j 16:39	23°♒01'00	
	-4878 Mar 23 j 21:40	0°♓	
evening rise	-4878 Mar 26 j 16:01	5°♓53'23	
	-4878 Apr 08 j 12:25	0°♈	
evening max el	-4878 Apr 23 j 04:28	19°♈08'41	25°38'42
desc. node	-4878 May 02 j 19:30	25°♈34'52	
retrograde	-4878 May 07 j 06:41	26°♈22'03	
evening set	-4878 May 12 j 21:41	25°♈06'44	
min. Earth dist.	-4878 May 17 j 17:02	22°♈19'55	0.58302 AU
inferior conj	-4878 May 20 j 23:16	19°♈59'39	-3°-55'-11
minimum elong	-4878 May 20 j 19:48	20°♈05'56	3°54'42
morning rise	-4878 May 28 j 21:55	15°♈38'02	
direct	-4878 May 31 j 08:50	15°♈18'44	
morning max el	-4878 Jun 08 j 14:43	19°♈12'09	18°45'14
asc. node	-4878 Jun 16 j 16:30	29°♈56'52	
	-4878 Jun 16 j 17:15	0°♉	
morning set	-4878 Jun 24 j 23:58	15°♉15'20	
	-4878 Jul 02 j 14:24	0°♊	
superior conj	-4878 Jul 03 j 19:29	2°♊18'03	1°49'09
minimum elong	-4878 Jul 03 j 19:00	2°♊15'44	1°49'21
max. Earth dist.	-4878 Jul 10 j 18:36	15°♊03'55	1.39216 AU
evening rise	-4878 Jul 14 j 21:27	22°♊13'45	
	-4878 Jul 19 j 13:17	0°♋	
desc. node	-4878 Jul 29 j 18:11	15°♋52'39	
	-4878 Aug 08 j 19:09	0°♌	
evening max el	-4878 Aug 19 j 05:41	12°♌20'48	24°07'31
retrograde	-4878 Aug 30 j 05:24	18°♌48'32	
evening set	-4878 Sep 04 j 12:52	16°♌34'08	
inferior conj	-4878 Sep 09 j 21:20	10°♌14'08	0°-55'-56
minimum elong	-4878 Sep 09 j 22:38	10°♌09'47	0°55'12
min. Earth dist.	-4878 Sep 09 j 08:04	10°♌59'06	0.67275 AU
asc. node	-4878 Sep 12 j 15:46	6°♌40'13	
morning rise	-4878 Sep 15 j 08:35	4°♌03'53	
direct	-4878 Sep 19 j 04:35	2°♌40'07	
morning max el	-4878 Sep 27 j 08:17	7°♌27'15	20°42'22
greatest brilliancy	-4878 Oct 03 j 10:54	14°♌44'29	-0.5m
	-4878 Oct 14 j 04:07	0°♍	
desc. node	-4878 Oct 25 j 18:04	17°♍37'51	
morning set	-4878 Oct 26 j 00:22	18°♍02'20	
	-4878 Nov 02 j 14:18	0°♎	
max. Earth dist.	-4878 Nov 04 j 12:26	3°♎05'42	1.43109 AU
superior conj	-4878 Nov 10 j 22:06	13°♎37'14	-1°-30'-30
minimum elong	-4878 Nov 10 j 16:08	13°♎12'17	1°30'02
	-4878 Nov 20 j 11:23	0°♏	
evening rise	-4878 Nov 23 j 02:40	4°♏38'26	
	-4878 Dec 08 j 20:50	0°♐	
asc. node	-4878 Dec 09 j 14:26	0°♐49'25	
evening max el	-4878 Dec 10 j 05:28	1°♐28'39	18°08'35
retrograde	-4878 Dec 16 j 20:07	4°♐57'31	
evening set	-4878 Dec 19 j 12:24	4°♐22'35	
	-4878 Dec 25 j 05:25	30°℞♏	
inferior conj	-4878 Dec 26 j 00:56	29°♏10'41	3°56'56
minimum elong	-4878 Dec 25 j 22:52	29°♏15'58	3°56'30
min. Earth dist.	-4878 Dec 28 j 19:26	26°♏22'06	0.62306 AU
morning rise	-4877 Jan 01 j 07:20	23°♏19'57	
direct	-4877 Jan 08 j 09:00	20°♏44'20	
desc. node	-4877 Jan 21 j 17:59	27°♏54'38	
morning max el	-4877 Jan 22 j 06:56	28°♏25'58	27°41'27
	-4877 Jan 23 j 19:59	0°♐	
	-4877 Feb 14 j 01:10	0°♑	
morning set	-4877 Feb 24 j 15:13	19°♑55'23	
	-4877 Mar 01 j 11:08	0°♒	
max. Earth dist.	-4877 Mar 02 j 10:40	2°♒06'06	1.32921 AU
superior conj	-4877 Mar 04 j 01:49	5°♒37'22	0°-35'-31
minimum elong	-4877 Mar 04 j 03:23	5°♒45'49	0°35'26
asc. node	-4877 Mar 07 j 13:38	13°♒12'01	
evening rise	-4877 Mar 11 j 03:30	20°♒51'20	
	-4877 Mar 15 j 15:14	0°♓	
	-4877 Apr 04 j 20:26	0°♈	
evening max el	-4877 Apr 04 j 21:05	0°♈01'33	24°11'58
retrograde	-4877 Apr 18 j 17:01	6°♈57'48	
desc. node	-4877 Apr 19 j 16:41	6°♈55'35	
evening set	-4877 Apr 23 j 01:14	6°♈15'44	
min. Earth dist.	-4877 Apr 29 j 08:55	3°♈10'34	0.56572 AU
inferior conj	-4877 May 01 j 21:33	1°♈35'42	-3°-1'-18
minimum elong	-4877 May 01 j 15:55	1°♈44'33	2°59'58
	-4877 May 04 j 12:29	30°℞♓	
morning rise	-4877 May 10 j 10:34	27°♓31'43	
direct	-4877 May 12 j 21:10	27°♓15'47	
	-4877 May 20 j 10:17	0°♈	
morning max el	-4877 May 22 j 12:43	1°♈44'53	19°39'29
asc. node	-4877 Jun 03 j 13:28	18°♈59'22	
morning set	-4877 Jun 09 j 00:39	29°♈34'42	
	-4877 Jun 09 j 05:41	0°♉	
superior conj	-4877 Jun 17 j 03:10	15°♉51'18	1°42'40
minimum elong	-4877 Jun 17 j 01:07	15°♉41'11	1°42'43
max. Earth dist.	-4877 Jun 22 j 21:07	26°♉55'18	1.37325 AU
	-4877 Jun 24 j 12:56	0°♊	
evening rise	-4877 Jun 26 j 19:33	4°♊07'50	
	-4877 Jul 12 j 13:26	0°♋	
desc. node	-4877 Jul 16 j 15:14	5°♋57'43	
evening max el	-4877 Aug 01 j 16:10	25°♋50'01	25°23'47
	-4877 Aug 06 j 12:52	0°♌	
retrograde	-4877 Aug 13 j 16:06	2°♌47'09	
evening set	-4877 Aug 19 j 14:44	0°♌14'53	
	-4877 Aug 19 j 21:26	30°℞♋	
min. Earth dist.	-4877 Aug 24 j 00:52	25°♋16'50	0.66838 AU
inferior conj	-4877 Aug 25 j 01:21	23°♋57'08	-1°-47'-23
minimum elong	-4877 Aug 25 j 03:45	23°♋49'18	1°46'14
morning rise	-4877 Aug 30 j 17:17	17°♋55'40	
asc. node	-4877 Aug 30 j 12:51	18°♋03'06	
direct	-4877 Sep 03 j 02:33	16°♋49'12	
morning max el	-4877 Sep 10 j 10:56	21°♋02'53	19°37'24
	-4877 Sep 17 j 14:46	0°♌	
greatest brilliancy	-4877 Sep 19 j 02:32	2°♌07'33	-0.7m
morning set	-4877 Oct 05 j 01:16	26°♌25'52	
	-4877 Oct 07 j 08:16	0°♍	
desc. node	-4877 Oct 12 j 14:58	8°♍15'26	
max. Earth dist.	-4877 Oct 18 j 01:59	16°♍52'15	1.44284 AU
superior conj	-4877 Oct 21 j 19:20	22°♍48'38	0°-55'-47
minimum elong	-4877 Oct 21 j 13:12	22°♍24'05	0°55'02
	-4877 Oct 26 j 06:08	0°♎	
evening rise	-4877 Nov 04 j 23:30	16°♎05'32	
	-4877 Nov 13 j 07:13	0°♏	
evening max el	-4877 Nov 23 j 18:13	14°♏48'44	18°23'10
asc. node	-4877 Nov 26 j 11:33	17°♏07'13	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

retrograde	-4877 Nov 30 j 08:16	18°♏25'37	
evening set	-4877 Dec 03 j 04:24	17°♏42'02	
inferior conj	-4877 Dec 09 j 07:44	12°♏10'47	3°31'15
minimum elong	-4877 Dec 09 j 04:38	12°♏19'35	3°30'26
min. Earth dist.	-4877 Dec 11 j 11:57	9°♏43'04	0.63977 AU
morning rise	-4877 Dec 15 j 03:25	6°♏09'05	
direct	-4877 Dec 22 j 02:04	3°♏20'23	
morning max el	-4876 Jan 04 j 15:27	11°♏02'01	27°28'12
desc. node	-4876 Jan 08 j 15:00	15°♏17'49	
	-4876 Jan 19 j 17:52	0°♐	
	-4876 Feb 06 j 09:46	0°♑	
morning set	-4876 Feb 08 j 11:42	4°♑03'09	
max. Earth dist.	-4876 Feb 13 j 14:06	14°♑25'16	1.33600 AU
superior conj	-4876 Feb 16 j 08:51	20°♑17'13	0°-59'-11
minimum elong	-4876 Feb 16 j 11:18	20°♑30'16	0°59'00
	-4876 Feb 20 j 21:49	0°♒	
asc. node	-4876 Feb 22 j 10:38	3°♒15'51	
evening rise	-4876 Feb 23 j 14:48	5°♒44'10	
	-4876 Mar 07 j 20:08	0°♓	
evening max el	-4876 Mar 16 j 14:11	10°♓46'07	22°37'51
retrograde	-4876 Mar 29 j 15:18	17°♓08'36	
evening set	-4876 Apr 01 j 19:03	16°♓46'43	
desc. node	-4876 Apr 05 j 13:51	15°♓28'50	
min. Earth dist.	-4876 Apr 09 j 23:25	13°♓10'55	0.55465 AU
inferior conj	-4876 Apr 11 j 01:55	12°♓32'58	-1°-29'-4
minimum elong	-4876 Apr 10 j 22:02	12°♓38'32	1°27'54
morning rise	-4876 Apr 20 j 03:20	8°♓35'27	
direct	-4876 Apr 22 j 16:24	8°♓20'23	
morning max el	-4876 May 04 j 00:26	13°♓38'53	20°53'16
	-4876 May 15 j 22:12	0°♈	
asc. node	-4876 May 20 j 10:27	8°♈28'37	
morning set	-4876 May 23 j 07:11	14°♈14'51	
superior conj	-4876 May 30 j 22:00	0°♉00'26	1°29'37
minimum elong	-4876 May 30 j 19:19	29°♈46'39	1°29'27
	-4876 May 30 j 21:55	0°♉	
max. Earth dist.	-4876 Jun 04 j 05:35	8°♉41'49	1.35679 AU
evening rise	-4876 Jun 08 j 14:01	17°♉04'25	
	-4876 Jun 15 j 18:54	0°♊	
desc. node	-4876 Jul 02 j 12:19	25°♊37'32	
	-4876 Jul 05 j 20:51	0°♋	
evening max el	-4876 Jul 14 j 02:56	9°♋18'56	26°27'22
retrograde	-4876 Jul 26 j 22:09	16°♋34'55	
evening set	-4876 Aug 02 j 10:35	13°♋50'36	
min. Earth dist.	-4876 Aug 06 j 12:25	9°♋31'16	0.66048 AU
inferior conj	-4876 Aug 08 j 01:21	7°♋38'08	-2°-35'-25
minimum elong	-4876 Aug 08 j 04:36	7°♋28'09	2°34'08
morning rise	-4876 Aug 13 j 23:32	1°♋48'34	
asc. node	-4876 Aug 16 j 09:58	0°♋58'13	
direct	-4876 Aug 17 j 00:22	0°♋56'10	
morning max el	-4876 Aug 23 j 19:48	4°♋44'58	18°47'22
	-4876 Sep 10 j 06:16	0°♌	
morning set	-4876 Sep 13 j 21:07	5°♌47'13	
desc. node	-4876 Sep 28 j 11:52	28°♌57'43	
	-4876 Sep 29 j 03:40	0°♍	
superior conj	-4876 Sep 29 j 21:05	1°♍08'38	0°-8'-42
minimum elong	-4876 Sep 29 j 19:57	1°♍04'11	0°08'27
behind sun begin	-4876 Sep 29 j 10:04	0°♍25'12	
behind sun end	-4876 Sep 30 j 05:51	1°♍43'10	
max. Earth dist.	-4876 Sep 29 j 18:59	1°♍00'21	1.44781 AU
evening rise	-4876 Oct 15 j 20:17	26°♍29'09	
	-4876 Oct 18 j 00:51	0°♎	
evening max el	-4876 Nov 06 j 05:26	28°♎13'56	18°55'32
	-4876 Nov 08 j 03:18	0°♏	
asc. node	-4876 Nov 12 j 08:43	2°♏04'43	
retrograde	-4876 Nov 13 j 02:07	2°♏07'41	
evening set	-4876 Nov 16 j 04:03	1°♏13'16	
	-4876 Nov 17 j 20:13	30°℞♎	
inferior conj	-4876 Nov 22 j 00:09	25°♎25'44	2°54'07
minimum elong	-4876 Nov 21 j 20:57	25°♎35'37	2°53'05
min. Earth dist.	-4876 Nov 23 j 14:10	23°♎28'40	0.65320 AU
morning rise	-4876 Nov 27 j 12:49	19°♎15'55	
direct	-4876 Dec 04 j 01:45	16°♎28'14	
morning max el	-4876 Dec 17 j 01:13	24°♎00'41	26°43'39
	-4876 Dec 22 j 11:35	0°♏	
desc. node	-4876 Dec 25 j 12:00	3°♏44'56	
	-4875 Jan 12 j 02:18	0°♐	
morning set	-4875 Jan 21 j 21:14	17°♐32'37	
max. Earth dist.	-4875 Jan 26 j 06:51	26°♐08'03	1.34713 AU
	-4875 Jan 28 j 04:49	0°♑	
superior conj	-4875 Jan 30 j 10:30	4°♑35'45	-1°-20'-38
minimum elong	-4875 Jan 30 j 13:28	4°♑51'08	1°20'29
evening rise	-4875 Feb 07 j 00:05	20°♑24'39	
asc. node	-4875 Feb 08 j 07:41	23°♑06'59	
	-4875 Feb 11 j 18:53	0°♒	
evening max el	-4875 Feb 26 j 13:55	21°♒48'16	21°09'22
retrograde	-4875 Mar 10 j 05:24	27°♒21'27	
evening set	-4875 Mar 12 j 17:15	27°♒07'05	
inferior conj	-4875 Mar 21 j 21:34	23°♒08'28	0°25'45
minimum elong	-4875 Mar 21 j 22:45	23°♒06'48	0°25'11
min. Earth dist.	-4875 Mar 22 j 13:48	22°♒45'24	0.55228 AU
desc. node	-4875 Mar 23 j 11:02	22°♒15'28	
morning rise	-4875 Mar 31 j 03:29	19°♒00'01	
direct	-4875 Apr 03 j 04:43	18°♒39'38	
morning max el	-4875 Apr 16 j 01:24	24°♒51'39	22°23'20
	-4875 Apr 20 j 17:57	0°♓	
asc. node	-4875 May 07 j 07:26	28°♓17'09	
morning set	-4875 May 07 j 17:25	29°♓08'57	
	-4875 May 08 j 03:13	0°♈	
superior conj	-4875 May 15 j 00:30	14°♈34'35	1°11'56
minimum elong	-4875 May 14 j 21:53	14°♈20'44	1°11'35
max. Earth dist.	-4875 May 18 j 00:00	20°♈47'52	1.34382 AU
evening rise	-4875 May 22 j 23:31	0°♉48'15	
	-4875 May 22 j 13:39	0°♉	
	-4875 Jun 08 j 18:59	0°♊	
desc. node	-4875 Jun 19 j 09:26	14°♊41'33	
evening max el	-4875 Jun 26 j 14:17	22°♊40'36	27°10'15
	-4875 Jul 08 j 17:46	0°♋	
retrograde	-4875 Jul 09 j 23:01	0°♋04'41	
	-4875 Jul 11 j 03:42	30°℞♊	
evening set	-4875 Jul 16 j 21:45	27°♊17'49	
min. Earth dist.	-4875 Jul 20 j 16:35	23°♊36'23	0.64883 AU
inferior conj	-4875 Jul 22 j 19:09	21°♊13'43	-3°-17'-47
minimum elong	-4875 Jul 22 j 22:45	21°♊03'33	3°16'39
morning rise	-4875 Jul 29 j 01:07	15°♊39'08	
direct	-4875 Jul 31 j 19:52	14°♊57'37	
asc. node	-4875 Aug 03 j 07:03	15°♊29'53	
morning max el	-4875 Aug 07 j 08:49	18°♊29'57	18°13'56
	-4875 Aug 15 j 20:27	0°♋	
morning set	-4875 Aug 25 j 20:05	16°♋26'52	
	-4875 Sep 03 j 01:09	0°♌	
superior conj	-4875 Sep 09 j 00:13	9°♌37'06	0°39'23
minimum elong	-4875 Sep 09 j 04:47	9°♌55'20	0°39'01
max. Earth dist.	-4875 Sep 12 j 12:37	15°♌12'47	1.44555 AU
desc. node	-4875 Sep 15 j 08:47	19°♌41'51	
	-4875 Sep 21 j 22:39	0°♍	
evening rise	-4875 Sep 25 j 16:22	5°♍49'18	
	-4875 Oct 11 j 12:10	0°♎	
greatest brilliancy	-4875 Oct 12 j 10:50	1°♎21'59	-0.7m

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4875 Oct 20 j 12:52	11°♎41'08	19°44'11	
retrograde	-4875 Oct 27 j 22:44	15°♎59'46		
asc. node	-4875 Oct 30 j 05:53	15°♎29'05		
evening set	-4875 Oct 31 j 08:40	14°♎51'47		
inferior conj	-4875 Nov 05 j 23:20	8°♎51'05	2°09'27	
minimum elong	-4875 Nov 05 j 20:39	8°♎59'53	2°08'29	
min. Earth dist.	-4875 Nov 07 j 00:22	7°♎29'09	0.66315 AU	
morning rise	-4875 Nov 11 j 07:54	2°♎35'58		
direct	-4875 Nov 17 j 07:17	0°♎00'14		
morning max el	-4875 Nov 29 j 10:21	7°♎10'28	25°35'47	
desc. node	-4875 Dec 12 j 08:58	22°♎57'21		
	-4875 Dec 17 j 07:03	0°♏		
morning set	-4874 Jan 04 j 15:10	0°♐10'11		
	-4874 Jan 04 j 12:56	0°♐		
max. Earth dist.	-4874 Jan 08 j 11:53	7°♐20'53	1.36275 AU	
superior conj	-4874 Jan 14 j 04:08	18°♐25'11	-1°-38'-15	
minimum elong	-4874 Jan 14 j 06:57	18°♐39'18	1°38'15	
	-4874 Jan 19 j 21:05	0°♑		
evening rise	-4874 Jan 22 j 05:28	4°♑47'11		
asc. node	-4874 Jan 26 j 04:44	12°♑40'05		
	-4874 Feb 05 j 21:07	0°♒		
evening max el	-4874 Feb 08 j 23:42	3°♒23'10	19°55'09	
retrograde	-4874 Feb 18 j 22:34	8°♒05'40		
evening set	-4874 Feb 21 j 07:01	7°♒51'05		
inferior conj	-4874 Mar 01 j 22:26	3°♒49'59	2°11'43	
minimum elong	-4874 Mar 02 j 03:17	3°♒42'30	2°10'05	
min. Earth dist.	-4874 Mar 04 j 04:06	2°♒27'37	0.55916 AU	
	-4874 Mar 08 j 20:08	30°℞♑		
desc. node	-4874 Mar 10 j 08:12	29°♑26'04		
morning rise	-4874 Mar 10 j 20:29	29°♑16'27		
direct	-4874 Mar 14 j 22:38	28°♑39'23		
	-4874 Mar 20 j 21:54	0°♒		
morning max el	-4874 Mar 28 j 18:18	5°♒33'41	24°01'54	
	-4874 Apr 15 j 01:27	0°♓		
morning set	-4874 Apr 22 j 05:27	14°♓10'41		
asc. node	-4874 Apr 24 j 04:23	18°♓19'00		
superior conj	-4874 Apr 29 j 08:03	29°♓25'04	0°50'59	
minimum elong	-4874 Apr 29 j 05:59	29°♓13'54	0°50'34	
	-4874 Apr 29 j 14:33	0°♈		
max. Earth dist.	-4874 May 01 j 04:00	3°♈20'36	1.33452 AU	
evening rise	-4874 May 06 j 19:42	15°♈05'32		
	-4874 May 14 j 15:45	0°♉		
	-4874 Jun 03 j 16:59	0°♊		
desc. node	-4874 Jun 06 j 06:35	2°♊54'08		
evening max el	-4874 Jun 09 j 00:31	5°♊42'27	27°25'30	
retrograde	-4874 Jun 22 j 17:47	13°♊07'22		
evening set	-4874 Jun 29 j 20:55	10°♊30'33		
min. Earth dist.	-4874 Jul 03 j 11:30	7°♊21'50	0.63346 AU	
inferior conj	-4874 Jul 06 j 04:03	4°♊37'48	-3°-51'-13	
minimum elong	-4874 Jul 06 j 07:08	4°♊29'54	3°50'30	
	-4874 Jul 11 j 12:57	30°℞♉		
morning rise	-4874 Jul 12 j 19:21	29°♉21'22		
direct	-4874 Jul 15 j 10:11	28°♉48'05		
	-4874 Jul 19 j 06:08	0°♊		
asc. node	-4874 Jul 21 j 04:07	1°♊26'47		
morning max el	-4874 Jul 21 j 23:29	2°♊12'19	17°58'11	
morning set	-4874 Aug 07 j 19:46	28°♊16'50		
	-4874 Aug 08 j 19:23	0°♋		
superior conj	-4874 Aug 20 j 00:25	19°♋08'33	1°17'03	
minimum elong	-4874 Aug 20 j 06:17	19°♋32'51	1°16'42	
max. Earth dist.	-4874 Aug 26 j 03:57	29°♋11'26	1.43643 AU	
	-4874 Aug 26 j 16:02	0°♌		
desc. node	-4874 Sep 02 j 05:43	10°♌24'17		
evening rise	-4874 Sep 04 j 20:51	14°♌29'45		
	-4874 Sep 15 j 01:13	0°♍		
greatest brilliancy	-4874 Sep 27 j 18:03	18°♍09'08	-0.5m	
evening max el	-4874 Oct 03 j 14:37	25°♍07'10	20°47'04	
retrograde	-4874 Oct 11 j 19:45	29°♍58'05		
evening set	-4874 Oct 15 j 16:01	28°♍33'38		
asc. node	-4874 Oct 17 j 03:02	27°♍17'31		
inferior conj	-4874 Oct 21 j 02:51	22°♍23'03	1°19'58	
minimum elong	-4874 Oct 21 j 01:05	22°♍29'05	1°19'18	
min. Earth dist.	-4874 Oct 21 j 16:18	21°♍37'19	0.66974 AU	
morning rise	-4874 Oct 26 j 09:43	16°♍05'24		
direct	-4874 Oct 31 j 17:47	13°♍48'22		
morning max el	-4874 Nov 11 j 19:04	20°♍23'54	24°14'04	
	-4874 Nov 20 j 00:47	0°♎		
desc. node	-4874 Nov 29 j 05:54	12°♎41'18		
	-4874 Dec 10 j 12:20	0°♏		
morning set	-4874 Dec 17 j 11:40	11°♏39'44		
max. Earth dist.	-4874 Dec 21 j 09:16	18°♏31'55	1.38190 AU	
	-4874 Dec 27 j 14:10	0°♐		
superior conj	-4874 Dec 28 j 10:10	1°♐35'21	-1°-49'-53	
minimum elong	-4874 Dec 28 j 11:51	1°♐43'22	1°50'04	
evening rise	-4873 Jan 06 j 04:37	18°♐45'24		
	-4873 Jan 12 j 01:36	0°♑		
asc. node	-4873 Jan 13 j 01:48	1°♑48'48		
evening max el	-4873 Jan 22 j 19:37	15°♑33'03	18°59'37	
retrograde	-4873 Jan 31 j 06:46	19°♑36'28		
evening set	-4873 Feb 02 j 16:44	19°♑18'03		
inferior conj	-4873 Feb 10 j 15:45	15°♑01'22	3°24'31	
minimum elong	-4873 Feb 10 j 20:13	14°♑53'26	3°23'26	
min. Earth dist.	-4873 Feb 13 j 19:16	12°♑48'40	0.57351 AU	
morning rise	-4873 Feb 18 j 20:02	9°♑58'58		
direct	-4873 Feb 24 j 04:19	8°♑51'16		
desc. node	-4873 Feb 25 j 05:21	8°♑53'52		
morning max el	-4873 Mar 10 j 09:15	16°♑11'01	25°35'55	
	-4873 Mar 21 j 13:54	0°♒		
morning set	-4873 Apr 06 j 17:38	29°♒14'11		
	-4873 Apr 07 j 02:21	0°♓		
asc. node	-4873 Apr 11 j 01:20	8°♓29'26		
superior conj	-4873 Apr 13 j 18:37	14°♓25'07	0°27'52	
minimum elong	-4873 Apr 13 j 17:25	14°♓18'34	0°27'32	
max. Earth dist.	-4873 Apr 14 j 14:38	16°♓14'07	1.32866 AU	
evening rise	-4873 Apr 20 j 23:11	29°♓45'28		
	-4873 Apr 21 j 02:01	0°♈		
	-4873 May 07 j 19:29	0°♉		
evening max el	-4873 May 22 j 07:02	18°♉12'01	27°08'40	
desc. node	-4873 May 24 j 03:44	19°♉53'48		
retrograde	-4873 Jun 05 j 05:46	25°♉34'54		
evening set	-4873 Jun 12 j 04:09	23°♉21'52		
min. Earth dist.	-4873 Jun 15 j 20:24	20°♉34'43	0.61488 AU	
inferior conj	-4873 Jun 19 j 00:49	17°♉43'26	-4°-10'-49	
minimum elong	-4873 Jun 19 j 02:13	17°♉40'17	4°10'34	
morning rise	-4873 Jun 26 j 03:04	12°♉47'55		
direct	-4873 Jun 28 j 15:41	12°♉21'00		
morning max el	-4873 Jul 05 j 13:12	15°♉46'49	18°01'02	
asc. node	-4873 Jul 08 j 01:08	18°♉33'50		
	-4873 Jul 15 j 11:35	0°♊		
morning set	-4873 Jul 21 j 14:57	11°♊03'33		
superior conj	-4873 Aug 01 j 04:25	0°♋03'15	1°39'51	
minimum elong	-4873 Aug 01 j 08:07	0°♋19'21	1°39'52	
	-4873 Aug 01 j 03:41	0°♋		
max. Earth dist.	-4873 Aug 08 j 14:22	12°♋39'25	1.42169 AU	
evening rise	-4873 Aug 15 j 05:11	23°♋22'42		
	-4873 Aug 19 j 10:37	0°♌		
desc. node	-4873 Aug 20 j 02:40	1°♌01'58		
	-4873 Sep 09 j 04:28	0°♍		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

greatest brilliancy	-4873 Sep 11 j 15:04	3°♍05'38	-0.4m
evening max el	-4873 Sep 16 j 09:59	8°♍31'35	22°00'55
retrograde	-4873 Sep 25 j 15:29	14°♍00'26	
evening set	-4873 Sep 30 j 00:08	12°♍17'11	
asc. node	-4873 Oct 04 j 00:11	7°♍51'19	
inferior conj	-4873 Oct 05 j 08:46	6°♍00'03	0°27'43
minimum elong	-4873 Oct 05 j 08:07	6°♍02'16	0°27'34
min. Earth dist.	-4873 Oct 05 j 11:39	5°♍50'05	0.67321 AU
	-4873 Oct 10 j 07:56	30°℞♌	
morning rise	-4873 Oct 10 j 15:56	29°♌42'47	
direct	-4873 Oct 15 j 08:49	27°♌47'04	
	-4873 Oct 21 j 01:05	0°♍	
morning max el	-4873 Oct 25 j 05:43	3°♍40'31	22°47'54
greatest brilliancy	-4873 Oct 30 j 00:35	9°♍03'41	-0.3m
	-4873 Nov 14 j 05:56	0°♎	
desc. node	-4873 Nov 16 j 02:47	2°♎47'35	
morning set	-4873 Nov 28 j 05:04	21°♎47'53	
	-4873 Dec 03 j 02:42	0°♏	
max. Earth dist.	-4873 Dec 03 j 06:18	0°♏15'21	1.40247 AU
superior conj	-4873 Dec 10 j 23:54	13°♏53'24	-1°-52'-40
minimum elong	-4873 Dec 10 j 23:07	13°♏49'50	1°52'51
	-4873 Dec 19 j 14:56	0°♐	
evening rise	-4873 Dec 20 j 18:44	2°♐12'02	
asc. node	-4873 Dec 30 j 22:54	20°♐24'39	
evening max el	-4872 Jan 05 j 23:47	28°♐12'13	18°24'09
	-4872 Jan 08 j 03:06	0°♑	
retrograde	-4872 Jan 13 j 09:34	1°♑51'37	
evening set	-4872 Jan 15 j 21:41	1°♑27'43	
	-4872 Jan 18 j 23:39	30°℞♐	
inferior conj	-4872 Jan 23 j 05:25	26°♐50'09	3°59'43
minimum elong	-4872 Jan 23 j 07:09	26°♐46'35	3°59'20
min. Earth dist.	-4872 Jan 26 j 14:03	24°♐05'15	0.59226 AU
morning rise	-4872 Jan 30 j 13:21	21°♐23'54	
direct	-4872 Feb 05 j 22:31	19°♐37'18	
desc. node	-4872 Feb 12 j 02:27	21°♐10'54	
morning max el	-4872 Feb 20 j 04:02	27°♐10'46	26°50'09
	-4872 Feb 22 j 21:23	0°♑	
	-4872 Mar 13 j 23:36	0°♒	
morning set	-4872 Mar 21 j 04:09	14°♒11'47	
asc. node	-4872 Mar 27 j 22:17	28°♒43'15	
superior conj	-4872 Mar 28 j 06:19	29°♒27'12	0°03'30
minimum elong	-4872 Mar 28 j 06:10	29°♒26'23	0°03'18
behind sun begin	-4872 Mar 28 j 01:16	28°♒59'33	
behind sun end	-4872 Mar 28 j 11:04	29°♒53'13	
max. Earth dist.	-4872 Mar 28 j 04:03	29°♒14'45	1.32615 AU
	-4872 Mar 28 j 12:19	0°♓	
evening rise	-4872 Apr 04 j 07:22	14°♓37'56	
	-4872 Apr 12 j 03:01	0°♈	
	-4872 May 03 j 07:45	0°♉	
evening max el	-4872 May 03 j 07:37	29°♈59'42	26°19'32
desc. node	-4872 May 10 j 00:55	5°♉09'39	
retrograde	-4872 May 17 j 09:44	7°♉18'46	
evening set	-4872 May 23 j 15:35	5°♉40'55	
min. Earth dist.	-4872 May 27 j 20:31	2°♉58'51	0.59452 AU
inferior conj	-4872 May 31 j 05:46	0°♉20'33	-4°-9'-18
minimum elong	-4872 May 31 j 04:13	0°♉23'36	4°09'07
	-4872 May 31 j 16:16	30°℞♈	
morning rise	-4872 Jun 07 j 20:35	25°♈47'11	
direct	-4872 Jun 10 j 07:55	25°♈25'29	
morning max el	-4872 Jun 17 j 23:05	29°♈04'46	18°23'21
	-4872 Jun 18 j 21:09	0°♉	
asc. node	-4872 Jun 23 j 22:08	6°♉35'12	
morning set	-4872 Jul 04 j 00:35	24°♉33'41	
	-4872 Jul 06 j 20:58	0°♊	
superior conj	-4872 Jul 13 j 08:58	12°♊12'03	1°48'57
minimum elong	-4872 Jul 13 j 09:49	12°♊15'58	1°49'11
max. Earth dist.	-4872 Jul 20 j 18:38	25°♊23'16	1.40331 AU
	-4872 Jul 23 j 11:36	0°♋	
evening rise	-4872 Jul 25 j 10:37	3°♋16'23	
desc. node	-4872 Aug 05 j 23:39	21°♋31'06	
	-4872 Aug 11 j 17:47	0°♌	
evening max el	-4872 Aug 28 j 23:54	21°♌56'10	23°21'06
retrograde	-4872 Sep 08 j 08:31	28°♌04'17	
evening set	-4872 Sep 13 j 07:16	26°♌01'07	
inferior conj	-4872 Sep 18 j 15:18	19°♌40'59	0°-25'-30
minimum elong	-4872 Sep 18 j 15:53	19°♌38'59	0°25'05
min. Earth dist.	-4872 Sep 18 j 08:00	20°♌06'04	0.67371 AU
asc. node	-4872 Sep 19 j 21:19	17°♌59'00	
morning rise	-4872 Sep 24 j 00:34	13°♌27'07	
direct	-4872 Sep 28 j 03:34	11°♌52'20	
morning max el	-4872 Oct 06 j 21:18	17°♌02'53	21°25'32
greatest brilliancy	-4872 Oct 12 j 03:32	23°♌08'24	-0.4m
	-4872 Oct 17 j 06:55	0°♍	
desc. node	-4872 Nov 01 j 23:38	23°♍09'41	
	-4872 Nov 06 j 09:07	0°♎	
morning set	-4872 Nov 06 j 18:56	0°♎38'38	
max. Earth dist.	-4872 Nov 14 j 08:33	12°♎48'55	1.42164 AU
superior conj	-4872 Nov 21 j 15:43	25°♎05'29	-1°-43'-3
minimum elong	-4872 Nov 21 j 11:29	24°♎47'16	1°42'53
	-4872 Nov 24 j 11:31	0°♏	
evening rise	-4872 Dec 02 j 20:18	14°♏59'15	
	-4872 Dec 11 j 07:23	0°♐	
asc. node	-4872 Dec 16 j 20:00	8°♐17'27	
evening max el	-4872 Dec 19 j 09:34	11°♐13'13	18°08'44
retrograde	-4872 Dec 26 j 04:33	14°♐42'27	
evening set	-4872 Dec 28 j 19:03	14°♐11'59	
inferior conj	-4871 Jan 04 j 13:55	9°♐12'36	4°04'27
minimum elong	-4871 Jan 04 j 12:57	9°♐14'54	4°04'10
min. Earth dist.	-4871 Jan 07 j 15:40	6°♐18'49	0.61214 AU
morning rise	-4871 Jan 11 j 04:21	3°♐29'22	
direct	-4871 Jan 18 j 03:25	1°♐07'44	
desc. node	-4871 Jan 28 j 23:31	5°♐54'48	
morning max el	-4871 Feb 01 j 04:59	8°♐48'20	27°32'59
	-4871 Feb 17 j 13:06	0°♑	
morning set	-4871 Mar 05 j 11:05	28°♑56'31	
	-4871 Mar 05 j 23:25	0°♒	
max. Earth dist.	-4871 Mar 11 j 16:29	12°♒09'05	1.32704 AU
superior conj	-4871 Mar 12 j 17:35	14°♒25'35	0°-21'-21
minimum elong	-4871 Mar 12 j 18:32	14°♒30'47	0°21'21
asc. node	-4871 Mar 14 j 19:16	18°♒56'30	
evening rise	-4871 Mar 19 j 18:10	29°♒35'42	
	-4871 Mar 19 j 22:48	0°♓	
	-4871 Apr 05 j 18:43	0°♈	
evening max el	-4871 Apr 15 j 02:24	11°♈08'33	25°03'33
desc. node	-4871 Apr 26 j 22:07	18°♈05'22	
retrograde	-4871 Apr 29 j 03:33	18°♈16'59	
evening set	-4871 May 04 j 05:43	17°♈17'07	
min. Earth dist.	-4871 May 09 j 14:50	14°♈23'40	0.57511 AU
inferior conj	-4871 May 12 j 15:40	12°♈20'34	-3°-37'-9
minimum elong	-4871 May 12 j 10:58	12°♈28'35	3°36'18
morning rise	-4871 May 20 j 20:27	8°♈07'20	
direct	-4871 May 23 j 06:55	7°♈49'48	
morning max el	-4871 Jun 01 j 02:14	11°♈56'49	19°05'48
asc. node	-4871 Jun 10 j 19:06	25°♈18'18	
	-4871 Jun 13 j 09:25	0°♉	
morning set	-4871 Jun 17 j 20:41	8°♉37'17	
superior conj	-4871 Jun 26 j 08:15	25°♉18'34	1°47'20
minimum elong	-4871 Jun 26 j 06:59	25°♉12'26	1°47'30

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4871 Jun 28 j 19:16	0°♊	
max. Earth dist.	-4871 Jul 02 j 19:49	7°♊26'49	1.38392 AU
evening rise	-4871 Jul 06 j 18:40	14°♊28'21	
	-4871 Jul 16 j 03:03	0°♋	
desc. node	-4871 Jul 23 j 20:41	11°♋46'39	
	-4871 Aug 06 j 12:16	0°♌	
evening max el	-4871 Aug 11 j 10:56	5°♌23'43	24°41'05
retrograde	-4871 Aug 22 j 21:47	12°♌05'43	
evening set	-4871 Aug 28 j 11:36	9°♌43'26	
min. Earth dist.	-4871 Sep 02 j 02:53	4°♌23'33	0.67122 AU
inferior conj	-4871 Sep 02 j 20:45	3°♌23'49	-1°-18'-4
minimum elong	-4871 Sep 02 j 22:32	3°♌17'52	1°17'09
	-4871 Sep 05 j 12:47	30°℞♋	
asc. node	-4871 Sep 06 j 18:26	28°♋40'07	
morning rise	-4871 Sep 08 j 09:47	27°♋16'40	
direct	-4871 Sep 12 j 00:54	26°♋00'37	
	-4871 Sep 19 j 06:34	0°♌	
morning max el	-4871 Sep 19 j 19:43	0°♌32'56	20°12'58
greatest brilliancy	-4871 Sep 26 j 19:37	9°♌07'29	-0.6m
	-4871 Oct 10 j 23:36	0°♍	
morning set	-4871 Oct 16 j 17:46	8°♍51'42	
desc. node	-4871 Oct 19 j 20:30	13°♍42'21	
max. Earth dist.	-4871 Oct 27 j 18:02	26°♍11'23	1.43680 AU
	-4871 Oct 30 j 02:51	0°♎	
superior conj	-4871 Nov 02 j 04:37	5°♎00'11	-1°-17'-44
minimum elong	-4871 Nov 01 j 21:59	4°♎33'00	1°17'04
evening rise	-4871 Nov 15 j 04:55	26°♎57'26	
	-4871 Nov 16 j 23:08	0°♏	
evening max el	-4871 Dec 02 j 22:04	24°♏27'51	18°12'38
asc. node	-4871 Dec 03 j 17:09	25°♏13'48	
retrograde	-4871 Dec 09 j 11:28	27°♏58'43	
evening set	-4871 Dec 12 j 05:13	27°♏20'20	
inferior conj	-4871 Dec 18 j 13:36	22°♏00'11	3°47'42
minimum elong	-4871 Dec 18 j 10:58	22°♏07'14	3°47'07
min. Earth dist.	-4871 Dec 21 j 02:18	19°♏18'38	0.63056 AU
morning rise	-4871 Dec 24 j 14:57	16°♏04'35	
direct	-4871 Dec 31 j 16:33	13°♏21'10	
morning max el	-4870 Jan 14 j 11:08	21°♏03'44	27°39'56
desc. node	-4870 Jan 15 j 20:32	22°♏28'29	
	-4870 Jan 22 j 07:00	0°♐	
	-4870 Feb 10 j 13:10	0°♑	
morning set	-4870 Feb 17 j 12:10	13°♑19'51	
max. Earth dist.	-4870 Feb 23 j 00:10	24°♑43'30	1.33157 AU
superior conj	-4870 Feb 25 j 02:41	29°♑13'45	0°-45'-44
minimum elong	-4870 Feb 25 j 04:39	29°♑24'21	0°45'36
	-4870 Feb 25 j 11:17	0°♒	
asc. node	-4870 Mar 01 j 16:17	9°♒04'51	
evening rise	-4870 Mar 04 j 05:47	14°♒31'51	
	-4870 Mar 12 j 02:12	0°♓	
evening max el	-4870 Mar 27 j 18:41	21°♓55'17	23°32'06
retrograde	-4870 Apr 10 j 08:37	28°♓38'54	
desc. node	-4870 Apr 13 j 19:19	28°♓12'46	
evening set	-4870 Apr 14 j 03:30	28°♓07'27	
min. Earth dist.	-4870 Apr 21 j 06:09	24°♓50'48	0.56008 AU
inferior conj	-4870 Apr 23 j 05:47	23°♓39'31	-2°-26'-30
minimum elong	-4870 Apr 23 j 00:20	23°♓47'43	2°25'01
morning rise	-4870 May 02 j 00:32	19°♓39'37	
direct	-4870 May 04 j 11:31	19°♓24'28	
morning max el	-4870 May 14 j 20:01	24°♓13'46	20°08'30
	-4870 May 19 j 20:54	0°♈	
asc. node	-4870 May 28 j 16:05	14°♈33'19	
morning set	-4870 Jun 02 j 00:11	23°♈06'36	
	-4870 Jun 05 j 09:15	0°♉	
superior conj	-4870 Jun 09 j 21:11	9°♉08'34	1°37'49
minimum elong	-4870 Jun 09 j 18:46	8°♉56'24	1°37'45
max. Earth dist.	-4870 Jun 15 j 00:23	19°♉13'38	1.36591 AU
evening rise	-4870 Jun 19 j 02:12	26°♉51'32	
	-4870 Jun 20 j 19:50	0°♊	
	-4870 Jul 09 j 12:44	0°♋	
desc. node	-4870 Jul 10 j 17:47	1°♋42'18	
evening max el	-4870 Jul 24 j 21:41	18°♋54'36	25°52'56
retrograde	-4870 Aug 06 j 06:30	26°♋00'33	
evening set	-4870 Aug 12 j 11:12	23°♋22'36	
min. Earth dist.	-4870 Aug 16 j 17:50	18°♋40'42	0.66548 AU
inferior conj	-4870 Aug 17 j 23:20	17°♋06'51	-2°-8'-17
minimum elong	-4870 Aug 18 j 02:09	16°♋57'53	2°07'03
morning rise	-4870 Aug 23 j 17:44	11°♋09'48	
asc. node	-4870 Aug 24 j 15:31	10°♋40'39	
direct	-4870 Aug 26 j 23:12	10°♋09'33	
morning max el	-4870 Sep 03 j 01:09	14°♋11'29	19°14'07
	-4870 Sep 14 j 17:50	0°♌	
morning set	-4870 Sep 26 j 00:52	17°♌34'58	
	-4870 Oct 03 j 22:42	0°♍	
desc. node	-4870 Oct 06 j 17:25	4°♍22'16	
max. Earth dist.	-4870 Oct 10 j 09:38	10°♍10'08	1.44591 AU
superior conj	-4870 Oct 12 j 15:46	13°♍44'24	0°-36'-47
minimum elong	-4870 Oct 12 j 11:14	13°♍26'25	0°36'08
	-4870 Oct 22 j 18:58	0°♎	
evening rise	-4870 Oct 27 j 15:56	7°♎58'06	
	-4870 Nov 10 j 08:22	0°♏	
evening max el	-4870 Nov 16 j 10:32	7°♏50'36	18°34'51
asc. node	-4870 Nov 20 j 14:17	10°♏59'08	
retrograde	-4870 Nov 23 j 02:21	11°♏33'12	
evening set	-4870 Nov 26 j 00:50	10°♏45'08	
inferior conj	-4870 Dec 02 j 00:51	5°♏06'33	3°16'33
minimum elong	-4870 Dec 01 j 21:37	5°♏16'06	3°15'38
min. Earth dist.	-4870 Dec 03 j 22:52	2°♏51'16	0.64599 AU
	-4870 Dec 06 j 15:02	30°℞♎	
morning rise	-4870 Dec 07 j 17:11	29°♎01'20	
direct	-4870 Dec 14 j 12:28	26°♎11'35	
	-4870 Dec 23 j 12:21	0°♏	
morning max el	-4870 Dec 27 j 20:18	3°♏49'46	27°12'37
desc. node	-4869 Jan 02 j 17:32	10°♏20'58	
	-4869 Jan 16 j 17:22	0°♐	
morning set	-4869 Feb 01 j 04:27	27°♐12'01	
	-4869 Feb 02 j 14:40	0°♑	
max. Earth dist.	-4869 Feb 05 j 23:23	6°♑47'00	1.34020 AU
superior conj	-4869 Feb 09 j 07:43	13°♑45'01	-1°-8'-38
minimum elong	-4869 Feb 09 j 10:26	13°♑59'24	1°08'27
evening rise	-4869 Feb 16 j 16:27	29°♑19'54	
asc. node	-4869 Feb 16 j 13:20	29°♑03'38	
	-4869 Feb 17 j 00:09	0°♒	
	-4869 Mar 06 j 23:00	0°♓	
evening max el	-4869 Mar 09 j 14:02	2°♓44'22	21°58'55
retrograde	-4869 Mar 22 j 01:56	8°♓46'36	
evening set	-4869 Mar 24 j 21:25	8°♓29'03	
desc. node	-4869 Mar 31 j 16:30	5°♓47'41	
inferior conj	-4869 Apr 03 j 04:51	4°♓24'02	0°-41'-24
minimum elong	-4869 Apr 03 j 02:57	4°♓26'44	0°40'53
min. Earth dist.	-4869 Apr 02 j 20:14	4°♓36'10	0.55250 AU
morning rise	-4869 Apr 12 j 09:32	0°♓24'21	
direct	-4869 Apr 15 j 02:31	0°♓07'55	
morning max el	-4869 Apr 27 j 02:53	5°♓49'04	21°29'58
	-4869 May 13 j 10:19	0°♈	
asc. node	-4869 May 15 j 13:04	4°♈11'38	
morning set	-4869 May 17 j 08:35	7°♈53'46	
superior conj	-4869 May 24 j 19:39	23°♈29'25	1°22'37
minimum elong	-4869 May 24 j 16:55	23°♈15'12	1°22'20

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4869 May 27 j 23:46	0°♉	
max. Earth dist.	-4869 May 28 j 13:19	1°♉08'24	1.35085 AU
evening rise	-4869 Jun 02 j 03:41	10°♉09'58	
	-4869 Jun 13 j 07:41	0°♊	
desc. node	-4869 Jun 27 j 14:55	21°♊08'30	
	-4869 Jul 05 j 01:13	0°♋	
evening max el	-4869 Jul 07 j 08:54	2°♋21'58	26°48'31
retrograde	-4869 Jul 20 j 10:10	9°♋41'40	
evening set	-4869 Jul 27 j 03:42	6°♋54'55	
min. Earth dist.	-4869 Jul 31 j 02:24	2°♋52'09	0.65608 AU
inferior conj	-4869 Aug 01 j 20:59	0°♋45'57	-2°-54'-15
minimum elong	-4869 Aug 02 j 00:28	0°♋35'37	2°52'58
	-4869 Aug 02 j 12:34	30°℞♊	
morning rise	-4869 Aug 07 j 22:19	25°♊02'26	
direct	-4869 Aug 10 j 20:23	24°♊14'54	
asc. node	-4869 Aug 11 j 12:36	24°♊17'26	
morning max el	-4869 Aug 17 j 12:03	27°♊55'13	18°31'02
	-4869 Aug 19 j 09:02	0°♋	
morning set	-4869 Sep 06 j 08:06	27°♋29'36	
	-4869 Sep 07 j 21:09	0°♌	
superior conj	-4869 Sep 21 j 15:06	21°♌59'11	0°12'23
minimum elong	-4869 Sep 21 j 16:43	22°♌05'35	0°12'21
behind sun begin	-4869 Sep 21 j 09:14	21°♌36'01	
behind sun end	-4869 Sep 22 j 00:12	22°♌35'08	
max. Earth dist.	-4869 Sep 23 j 03:50	24°♌24'11	1.44780 AU
desc. node	-4869 Sep 23 j 14:21	25°♌05'38	
	-4869 Sep 26 j 17:05	0°♍	
evening rise	-4869 Oct 08 j 01:54	17°♍54'04	
	-4869 Oct 15 j 18:09	0°♎	
evening max el	-4869 Oct 30 j 20:22	21°♎16'53	19°14'18
retrograde	-4869 Nov 06 j 21:48	25°♎20'16	
asc. node	-4869 Nov 07 j 11:24	25°♎18'25	
evening set	-4869 Nov 10 j 02:55	24°♎20'15	
inferior conj	-4869 Nov 15 j 20:28	18°♎26'25	2°35'53
minimum elong	-4869 Nov 15 j 17:25	18°♎36'05	2°34'51
min. Earth dist.	-4869 Nov 17 j 04:40	16°♎44'21	0.65786 AU
morning rise	-4869 Nov 21 j 07:04	12°♎14'04	
direct	-4869 Nov 27 j 14:27	9°♎30'44	
morning max el	-4869 Dec 10 j 06:06	16°♎54'59	26°17'11
desc. node	-4869 Dec 20 j 14:31	29°♎09'18	
	-4869 Dec 21 j 05:40	0°♏	
	-4868 Jan 09 j 14:26	0°♐	
morning set	-4868 Jan 15 j 08:01	10°♐21'28	
max. Earth dist.	-4868 Jan 19 j 11:28	18°♐17'11	1.35325 AU
superior conj	-4868 Jan 24 j 06:20	27°♐52'21	-1°-28'-41
minimum elong	-4868 Jan 24 j 09:21	28°♐07'43	1°28'36
	-4868 Jan 25 j 07:15	0°♑	
evening rise	-4868 Feb 01 j 00:22	13°♑54'00	
asc. node	-4868 Feb 03 j 10:22	18°♑48'05	
	-4868 Feb 09 j 09:46	0°♒	
evening max el	-4868 Feb 19 j 17:42	13°♒58'59	20°35'39
retrograde	-4868 Mar 01 j 16:04	19°♒10'28	
evening set	-4868 Mar 04 j 01:22	18°♒56'37	
inferior conj	-4868 Mar 13 j 01:00	14°♒58'33	1°13'40
minimum elong	-4868 Mar 13 j 04:10	14°♒53'55	1°12'25
min. Earth dist.	-4868 Mar 14 j 10:20	14°♒10'01	0.55408 AU
desc. node	-4868 Mar 17 j 13:39	12°♒27'21	
morning rise	-4868 Mar 22 j 05:10	10°♒41'00	
direct	-4868 Mar 25 j 15:26	10°♒15'26	
morning max el	-4868 Apr 07 j 23:59	16°♒46'57	23°05'01
	-4868 Apr 18 j 11:47	0°♓	
morning set	-4868 Apr 30 j 19:49	22°♓52'14	
asc. node	-4868 May 01 j 10:04	24°♓06'48	
	-4868 May 04 j 04:38	0°♈	

superior conj	-4868 May 08 j 00:36	8°♈11'44	1°03'23
minimum elong	-4868 May 07 j 22:10	7°♈58'44	1°02'59
max. Earth dist.	-4868 May 10 j 12:04	13°♈26'01	1.33939 AU
evening rise	-4868 May 15 j 18:10	24°♈09'22	
	-4868 May 18 j 18:30	0°♉	
	-4868 Jun 05 j 21:20	0°♊	
desc. node	-4868 Jun 13 j 12:02	9°♊52'48	
evening max el	-4868 Jun 18 j 19:49	15°♊36'01	27°20'17
retrograde	-4868 Jul 02 j 08:30	23°♊01'17	
evening set	-4868 Jul 09 j 10:12	20°♊16'38	
min. Earth dist.	-4868 Jul 13 j 02:36	16°♊50'26	0.64281 AU
inferior conj	-4868 Jul 15 j 11:20	14°♊17'04	-3°-33'-18
minimum elong	-4868 Jul 15 j 14:50	14°♊07'33	3°32'19
morning rise	-4868 Jul 21 j 21:07	8°♊50'10	
direct	-4868 Jul 24 j 13:57	8°♊12'30	
asc. node	-4868 Jul 28 j 09:41	9°♊27'02	
morning max el	-4868 Jul 31 j 02:09	11°♊40'04	18°05'00
	-4868 Aug 12 j 15:33	0°♋	
morning set	-4868 Aug 17 j 18:04	8°♋40'22	
	-4868 Aug 30 j 13:13	0°♌	
superior conj	-4868 Aug 31 j 01:27	0°♌49'38	0°57'06
minimum elong	-4868 Aug 31 j 07:10	1°♌12'44	0°56'39
max. Earth dist.	-4868 Sep 04 j 20:50	8°♌32'49	1.44245 AU
desc. node	-4868 Sep 09 j 11:15	15°♌49'14	
evening rise	-4868 Sep 16 j 13:26	26°♌52'09	
	-4868 Sep 18 j 14:06	0°♍	
greatest brilliancy	-4868 Oct 06 j 02:01	26°♍06'03	-0.6m
	-4868 Oct 09 j 00:17	0°♎	
evening max el	-4868 Oct 13 j 01:25	4°♎43'09	20°09'20
retrograde	-4868 Oct 20 j 18:57	9°♎15'11	
evening set	-4868 Oct 24 j 08:56	8°♎00'34	
asc. node	-4868 Oct 24 j 08:33	8°♎01'13	
inferior conj	-4868 Oct 29 j 21:45	1°♎55'01	1°48'55
minimum elong	-4868 Oct 29 j 19:24	2°♎02'49	1°48'03
min. Earth dist.	-4868 Oct 30 j 17:40	0°♎48'31	0.66628 AU
	-4868 Oct 31 j 08:23	30°℞♍	
morning rise	-4868 Nov 04 j 05:18	25°♍38'14	
direct	-4868 Nov 09 j 22:06	23°♍10'03	
morning max el	-4868 Nov 21 j 15:05	0°♎07'35	25°02'10
	-4868 Nov 21 j 12:04	0°♎	
desc. node	-4868 Dec 06 j 11:27	18°♎36'19	
	-4868 Dec 14 j 03:52	0°♏	
morning set	-4868 Dec 27 j 17:36	22°♏32'15	
max. Earth dist.	-4868 Dec 31 j 12:31	29°♏25'11	1.37051 AU
	-4868 Dec 31 j 20:02	0°♐	
superior conj	-4867 Jan 06 j 19:28	11°♐26'03	-1°-44'-5
minimum elong	-4867 Jan 06 j 21:57	11°♐38'14	1°44'10
evening rise	-4867 Jan 15 j 03:23	28°♐06'50	
	-4867 Jan 16 j 02:02	0°♑	
asc. node	-4867 Jan 20 j 07:25	8°♑11'38	
evening max el	-4867 Feb 01 j 07:51	25°♑48'45	19°29'07
	-4867 Feb 08 j 12:24	0°♒	
retrograde	-4867 Feb 10 j 14:48	0°♒13'09	
evening set	-4867 Feb 12 j 23:23	29°♑57'24	
	-4867 Feb 12 j 18:25	30°℞♑	
inferior conj	-4867 Feb 21 j 07:55	25°♑50'51	2°47'19
minimum elong	-4867 Feb 21 j 13:04	25°♑42'27	2°45'47
min. Earth dist.	-4867 Feb 24 j 01:03	24°♑05'14	0.56445 AU
morning rise	-4867 Mar 01 j 23:09	21°♑04'21	
desc. node	-4867 Mar 04 j 10:48	20°♑26'22	
direct	-4867 Mar 06 j 13:54	20°♑15'54	
morning max el	-4867 Mar 20 j 15:24	27°♑23'48	24°43'24
	-4867 Mar 23 j 04:13	0°♒	
	-4867 Apr 11 j 11:00	0°♓	
morning set	-4867 Apr 15 j 08:06	7°♓55'04	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4867 Apr 18 j 07:02	14°♓12'42	
	-4867 Apr 22 j 09:39	23°♓06'57	0°41'23
superior conj			
minimum elong	-4867 Apr 22 j 07:55	22°♓57'34	0°41'00
max. Earth dist.	-4867 Apr 23 j 19:01	26°♓07'10	1.33154 AU
	-4867 Apr 25 j 14:30	0°♈	
evening rise	-4867 Apr 29 j 17:47	8°♈37'04	
	-4867 May 11 j 04:45	0°♉	
desc. node	-4867 May 31 j 09:11	27°♉37'28	
evening max el	-4867 Jun 01 j 04:36	28°♉24'57	27°22'24
	-4867 Jun 02 j 22:05	0°♊	
retrograde	-4867 Jun 15 j 00:51	5°♊50'12	
evening set	-4867 Jun 22 j 03:08	3°♊21'38	
min. Earth dist.	-4867 Jun 25 j 17:19	0°♊23'50	0.62583 AU
	-4867 Jun 26 j 03:27	30°℞♉	
inferior conj	-4867 Jun 28 j 15:29	27°♉34'18	-4°-1'-38
minimum elong	-4867 Jun 28 j 18:01	27°♉28'08	4°01'07
morning rise	-4867 Jul 05 j 11:16	22°♉26'39	
direct	-4867 Jul 08 j 00:50	21°♉56'26	
morning max el	-4867 Jul 14 j 16:48	25°♉20'22	17°57'03
asc. node	-4867 Jul 15 j 06:45	25°♉55'50	
	-4867 Jul 18 j 14:12	0°♊	
morning set	-4867 Jul 31 j 02:45	20°♊56'23	
	-4867 Aug 05 j 05:20	0°♋	
superior conj	-4867 Aug 11 j 13:32	10°♋57'03	1°28'33
minimum elong	-4867 Aug 11 j 18:43	11°♋19'00	1°28'21
max. Earth dist.	-4867 Aug 18 j 09:47	22°♋18'38	1.43071 AU
	-4867 Aug 23 j 04:43	0°♌	
evening rise	-4867 Aug 26 j 16:56	5°♌31'01	
desc. node	-4867 Aug 27 j 08:11	6°♌30'22	
	-4867 Sep 11 j 23:33	0°♍	
greatest brilliancy	-4867 Sep 20 j 17:58	12°♍01'22	-0.4m
evening max el	-4867 Sep 26 j 00:26	18°♍08'42	21°17'24
retrograde	-4867 Oct 04 j 15:39	23°♍15'40	
evening set	-4867 Oct 08 j 16:49	21°♍43'42	
asc. node	-4867 Oct 11 j 05:42	19°♍14'15	
inferior conj	-4867 Oct 14 j 02:32	15°♍29'56	0°58'03
minimum elong	-4867 Oct 14 j 01:13	15°♍34'27	0°57'35
min. Earth dist.	-4867 Oct 14 j 11:29	14°♍59'14	0.67156 AU
morning rise	-4867 Oct 19 j 09:16	9°♍11'50	
direct	-4867 Oct 24 j 10:48	7°♍03'32	
morning max el	-4867 Nov 04 j 00:11	13°♍22'16	23°37'19
	-4867 Nov 17 j 10:06	0°♎	
desc. node	-4867 Nov 23 j 08:20	8°♎30'52	
	-4867 Dec 07 j 01:19	0°♏	
morning set	-4867 Dec 09 j 03:06	3°♏28'28	
max. Earth dist.	-4867 Dec 13 j 08:13	10°♏43'53	1.39064 AU
superior conj	-4867 Dec 20 j 19:11	24°♏15'42	-1°-52'-22
minimum elong	-4867 Dec 20 j 19:59	24°♏19'26	1°52'34
	-4867 Dec 23 j 19:54	0°♐	
evening rise	-4867 Dec 29 j 23:02	11°♐52'11	
asc. node	-4866 Jan 07 j 04:28	27°♐07'19	
	-4866 Jan 08 j 22:45	0°♑	
evening max el	-4866 Jan 15 j 07:38	8°♑12'14	18°42'05
retrograde	-4866 Jan 23 j 06:32	12°♑03'10	
evening set	-4866 Jan 25 j 17:28	11°♑42'34	
inferior conj	-4866 Feb 02 j 09:46	7°♑17'42	3°43'44
minimum elong	-4866 Feb 02 j 13:12	7°♑11'12	3°42'59
min. Earth dist.	-4866 Feb 05 j 17:33	4°♑48'20	0.58120 AU
morning rise	-4866 Feb 10 j 05:18	2°♑04'16	
direct	-4866 Feb 16 j 01:33	0°♑39'56	
desc. node	-4866 Feb 19 j 07:55	1°♑06'01	
morning max el	-4866 Mar 02 j 07:14	8°♑06'57	26°10'38
	-4866 Mar 18 j 16:50	0°♒	
morning set	-4866 Mar 30 j 19:43	22°♒56'11	
	-4866 Apr 03 j 03:16	0°♓	
asc. node	-4866 Apr 05 j 03:58	4°♓24'46	
superior conj	-4866 Apr 06 j 20:53	8°♓08'16	0°17'37
minimum elong	-4866 Apr 06 j 20:07	8°♓04'05	0°17'21
max. Earth dist.	-4866 Apr 07 j 07:05	9°♓04'04	1.32718 AU
evening rise	-4866 Apr 13 j 23:32	23°♓23'06	
	-4866 Apr 17 j 05:54	0°♈	
	-4866 May 05 j 05:27	0°♉	
evening max el	-4866 May 14 j 08:56	10°♉37'29	26°51'41
desc. node	-4866 May 18 j 06:22	13°♉57'00	
retrograde	-4866 May 28 j 09:43	17°♉59'04	
evening set	-4866 Jun 04 j 02:20	16°♉00'22	
min. Earth dist.	-4866 Jun 07 j 22:28	13°♉17'12	0.60621 AU
inferior conj	-4866 Jun 11 j 05:57	10°♉28'53	-4°-13'-21
minimum elong	-4866 Jun 11 j 06:14	10°♉28'18	4°13'12
morning rise	-4866 Jun 18 j 13:19	5°♉42'30	
direct	-4866 Jun 21 j 01:14	5°♉17'58	
morning max el	-4866 Jun 28 j 05:11	8°♉48'22	18°08'06
asc. node	-4866 Jul 02 j 03:46	13°♉27'28	
	-4866 Jul 12 j 00:20	0°♊	
morning set	-4866 Jul 14 j 04:41	4°♊03'05	
superior conj	-4866 Jul 24 j 04:35	22°♊24'42	1°45'12
minimum elong	-4866 Jul 24 j 07:03	22°♊35'39	1°45'22
	-4866 Jul 28 j 12:21	0°♋	
max. Earth dist.	-4866 Jul 31 j 17:25	5°♋28'19	1.41416 AU
evening rise	-4866 Aug 06 j 08:50	14°♋45'58	
desc. node	-4866 Aug 14 j 05:10	27°♋05'10	
	-4866 Aug 16 j 03:11	0°♌	
greatest brilliancy	-4866 Sep 03 j 23:03	26°♌13'00	-0.3m
	-4866 Sep 07 j 05:42	0°♍	
evening max el	-4866 Sep 08 j 17:24	1°♍33'40	22°34'39
retrograde	-4866 Sep 18 j 10:15	7°♍18'57	
evening set	-4866 Sep 23 j 00:43	5°♍27'30	
	-4866 Sep 27 j 18:06	30°℞♌	
inferior conj	-4866 Sep 28 j 08:55	29°♌08'55	0°05'11
minimum elong	-4866 Sep 28 j 08:48	29°♌09'21	0°05'17
transit middle	-4866 Sep 28 j 08:48	29°♌09'21	0°05'17
transit begin	-4866 Sep 28 j 06:15	29°♌18'10	
transit end	-4866 Sep 28 j 11:21	29°♌00'32	
asc. node	-4866 Sep 28 j 02:50	29°♌29'55	
min. Earth dist.	-4866 Sep 28 j 07:33	29°♌13'41	0.67384 AU
morning rise	-4866 Oct 03 j 16:46	22°♌52'41	
direct	-4866 Oct 08 j 03:40	21°♌05'48	
morning max el	-4866 Oct 17 j 12:24	26°♌40'17	22°11'53
	-4866 Oct 20 j 13:13	0°♍	
greatest brilliancy	-4866 Oct 22 j 06:56	2°♍05'09	-0.4m
desc. node	-4866 Nov 10 j 05:12	28°♍44'37	
	-4866 Nov 11 j 00:59	0°♎	
morning set	-4866 Nov 19 j 08:09	13°♎00'56	
max. Earth dist.	-4866 Nov 25 j 06:56	22°♎47'29	1.41105 AU
	-4866 Nov 29 j 12:27	0°♏	
superior conj	-4866 Dec 03 j 00:20	6°♏07'44	-1°-50'-20
minimum elong	-4866 Dec 02 j 22:08	5°♏58'00	1°50'24
evening rise	-4866 Dec 13 j 08:14	25°♏02'50	
	-4866 Dec 16 j 00:12	0°♐	
asc. node	-4866 Dec 25 j 01:32	15°♐26'12	
evening max el	-4866 Dec 29 j 14:36	21°♐02'00	18°15'11
retrograde	-4865 Jan 05 j 16:37	24°♐35'08	
evening set	-4865 Jan 08 j 05:52	24°♐08'25	
inferior conj	-4865 Jan 15 j 07:47	19°♐21'26	4°04'53
minimum elong	-4865 Jan 15 j 08:16	19°♐20'21	4°04'37
min. Earth dist.	-4865 Jan 18 j 14:36	16°♐30'05	0.60082 AU
morning rise	-4865 Jan 22 j 07:49	13°♐47'36	
direct	-4865 Jan 29 j 00:33	11°♐45'00	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4865 Feb 06 j 05:00	14°♐29'59	
morning max el	-4865 Feb 12 j 04:21	19°♐21'14	27°12'39
	-4865 Feb 21 j 06:20	0°♑	
	-4865 Mar 11 j 07:55	0°♒	
morning set	-4865 Mar 15 j 04:59	7°♒49'30	
superior conj	-4865 Mar 22 j 08:37	23°♒09'53	0°-7'-3
minimum elong	-4865 Mar 22 j 08:56	23°♒11'39	0°07'10
behind sun begin	-4865 Mar 22 j 04:27	22°♒47'03	
behind sun end	-4865 Mar 22 j 13:26	23°♒36'14	
max. Earth dist.	-4865 Mar 21 j 20:44	22°♒04'53	1.32614 AU
asc. node	-4865 Mar 23 j 00:56	24°♒39'08	
	-4865 Mar 25 j 11:44	0°♓	
evening rise	-4865 Mar 29 j 09:06	8°♓19'25	
	-4865 Apr 09 j 18:17	0°♈	
evening max el	-4865 Apr 26 j 07:08	22°♈08'50	25°50'01
desc. node	-4865 May 05 j 03:33	28°♈18'32	
retrograde	-4865 May 10 j 09:20	29°♈23'40	
evening set	-4865 May 16 j 04:36	28°♈02'31	
min. Earth dist.	-4865 May 20 j 19:42	25°♈17'28	0.58597 AU
inferior conj	-4865 May 24 j 03:12	22°♈51'55	-4°00'-3
minimum elong	-4865 May 24 j 00:13	22°♈57'26	3°59'40
morning rise	-4865 May 31 j 23:46	18°♈27'20	
direct	-4865 Jun 03 j 10:52	18°♈07'23	
morning max el	-4865 Jun 11 j 12:30	21°♈56'31	18°38'57
	-4865 Jun 17 j 21:30	0°♉	
asc. node	-4865 Jun 19 j 00:46	1°♉48'19	
morning set	-4865 Jun 27 j 19:15	17°♉49'14	
	-4865 Jul 04 j 02:26	0°♊	
superior conj	-4865 Jul 06 j 17:51	5°♊00'20	1°49'24
minimum elong	-4865 Jul 06 j 17:41	4°♊59'33	1°49'38
max. Earth dist.	-4865 Jul 13 j 20:25	17°♊56'12	1.39506 AU
evening rise	-4865 Jul 18 j 01:39	25°♊13'04	
	-4865 Jul 20 j 22:23	0°♋	
desc. node	-4865 Aug 01 j 02:11	17°♋29'33	
	-4865 Aug 09 j 20:29	0°♌	
evening max el	-4865 Aug 22 j 05:54	14°♌59'54	23°55'33
retrograde	-4865 Sep 02 j 01:40	21°♌22'40	
evening set	-4865 Sep 07 j 06:54	19°♌11'00	
min. Earth dist.	-4865 Sep 12 j 03:29	13°♌30'49	0.67311 AU
inferior conj	-4865 Sep 12 j 15:13	12°♌50'54	0°-47'-58
minimum elong	-4865 Sep 12 j 16:19	12°♌47'08	0°47'19
asc. node	-4865 Sep 14 j 23:59	9°♌44'55	
morning rise	-4865 Sep 18 j 01:54	6°♌39'43	
direct	-4865 Sep 21 j 23:40	5°♌13'12	
morning max el	-4865 Sep 30 j 06:49	10°♌06'04	20°53'12
greatest brilliancy	-4865 Oct 06 j 03:16	17°♌01'18	-0.5m
	-4865 Oct 15 j 09:20	0°♍	
desc. node	-4865 Oct 28 j 02:04	19°♍12'00	
morning set	-4865 Oct 29 j 13:16	21°♍28'45	
	-4865 Nov 03 j 22:59	0°♎	
max. Earth dist.	-4865 Nov 07 j 12:57	5°♎45'49	1.42880 AU
superior conj	-4865 Nov 14 j 05:10	16°♎47'58	-1°-34'-20
minimum elong	-4865 Nov 13 j 23:34	16°♎24'28	1°33'57
	-4865 Nov 21 j 21:14	0°♏	
evening rise	-4865 Nov 26 j 03:12	7°♏30'51	
	-4865 Dec 09 j 14:23	0°♐	
asc. node	-4865 Dec 11 j 22:40	2°♐56'51	
evening max el	-4865 Dec 13 j 01:51	4°♐09'37	18°08'01
retrograde	-4865 Dec 19 j 17:24	7°♐38'22	
evening set	-4865 Dec 22 j 09:09	7°♐04'39	
inferior conj	-4865 Dec 28 j 23:14	1°♐55'51	3°59'30
minimum elong	-4865 Dec 28 j 21:25	2°♐00'24	3°59'07
	-4865 Dec 30 j 21:22	30°℞♏	
min. Earth dist.	-4865 Dec 31 j 19:42	29°♏05'22	0.62026 AU

morning rise	-4864 Jan 04 j 07:34	26°♏06'53	
direct	-4864 Jan 11 j 08:49	23°♏34'32	
	-4864 Jan 23 j 23:46	0°♐	
desc. node	-4864 Jan 24 j 02:02	0°♐05'12	
morning max el	-4864 Jan 25 j 07:55	1°♐16'08	27°40'29
	-4864 Feb 15 j 09:10	0°♑	
morning set	-4864 Feb 27 j 09:45	22°♑26'32	
	-4864 Mar 02 j 00:57	0°♒	
max. Earth dist.	-4864 Mar 04 j 07:51	4°♒53'40	1.32852 AU
superior conj	-4864 Mar 05 j 19:10	8°♒04'44	0°-31'-48
minimum elong	-4864 Mar 05 j 20:34	8°♒12'21	0°31'45
asc. node	-4864 Mar 08 j 21:55	14°♒50'54	
evening rise	-4864 Mar 12 j 20:29	23°♒17'34	
	-4864 Mar 16 j 02:42	0°♓	
	-4864 Apr 04 j 00:57	0°♈	
evening max el	-4864 Apr 07 j 00:05	3°♈04'58	24°25'40
retrograde	-4864 Apr 20 j 21:44	10°♈05'07	
desc. node	-4864 Apr 21 j 00:46	10°♈05'05	
evening set	-4864 Apr 25 j 10:42	9°♈18'43	
min. Earth dist.	-4864 May 01 j 12:04	6°♈16'59	0.56801 AU
inferior conj	-4864 May 04 j 04:30	4°♈34'15	-3°-12'-5
minimum elong	-4864 May 03 j 23:00	4°♈43'04	3°10'51
morning rise	-4864 May 12 j 15:25	0°♈28'16	
direct	-4864 May 15 j 01:55	0°♈12'00	
morning max el	-4864 May 24 j 11:58	4°♈34'45	19°30'07
asc. node	-4864 Jun 04 j 21:46	20°♈46'05	
	-4864 Jun 09 j 17:45	0°♉	
morning set	-4864 Jun 10 j 18:49	2°♉04'38	
superior conj	-4864 Jun 18 j 23:31	18°♉27'07	1°44'07
minimum elong	-4864 Jun 18 j 21:39	18°♉17'54	1°44'12
max. Earth dist.	-4864 Jun 24 j 22:15	29°♉49'15	1.37594 AU
	-4864 Jun 25 j 00:34	0°♊	
evening rise	-4864 Jun 28 j 20:14	6°♊56'24	
	-4864 Jul 12 j 19:41	0°♋	
desc. node	-4864 Jul 17 j 23:17	7°♋37'42	
evening max el	-4864 Aug 03 j 16:24	28°♋28'29	25°13'05
	-4864 Aug 05 j 06:59	0°♌	
retrograde	-4864 Aug 15 j 13:09	5°♌22'20	
evening set	-4864 Aug 21 j 09:31	2°♌52'27	
	-4864 Aug 24 j 03:19	30°℞♋	
min. Earth dist.	-4864 Aug 25 j 20:55	27°♋48'41	0.66917 AU
inferior conj	-4864 Aug 26 j 19:41	26°♋34'01	-1°-39'-47
minimum elong	-4864 Aug 26 j 21:56	26°♋26'38	1°38'42
asc. node	-4864 Aug 31 j 21:07	20°♋55'40	
morning rise	-4864 Sep 01 j 10:49	20°♋31'02	
direct	-4864 Sep 04 j 21:29	19°♋22'17	
morning max el	-4864 Sep 12 j 08:27	23°♋40'38	19°46'12
	-4864 Sep 17 j 14:52	0°♌	
greatest brilliancy	-4864 Sep 20 j 11:38	3°♌57'41	-0.6m
morning set	-4864 Oct 07 j 12:56	29°♌47'56	
	-4864 Oct 07 j 16:03	0°♍	
desc. node	-4864 Oct 13 j 22:58	9°♍48'40	
max. Earth dist.	-4864 Oct 20 j 01:29	19°♍26'46	1.44145 AU
superior conj	-4864 Oct 24 j 06:23	26°♍10'34	-1°-2'-2
minimum elong	-4864 Oct 23 j 23:56	25°♍44'36	1°01'16
	-4864 Oct 26 j 15:05	0°♎	
evening rise	-4864 Nov 07 j 03:19	19°♎06'51	
	-4864 Nov 13 j 14:00	0°♏	
evening max el	-4864 Nov 25 j 14:39	17°♏28'47	18°19'51
asc. node	-4864 Nov 27 j 19:49	19°♏25'37	
retrograde	-4864 Dec 02 j 04:21	21°♏03'54	
evening set	-4864 Dec 04 j 23:46	20°♏21'47	
inferior conj	-4864 Dec 11 j 04:21	14°♏53'22	3°35'56
minimum elong	-4864 Dec 11 j 01:21	15°♏01'47	3°35'12

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4864 Dec 13 j 10:49	12°♏21'34	0.63748 AU
morning rise	-4864 Dec 17 j 01:23	8°♏53'03	
direct	-4864 Dec 24 j 01:00	6°♏05'10	
morning max el	-4863 Jan 06 j 15:59	13°♏47'37	27°32'15
desc. node	-4863 Jan 09 j 23:02	17°♏16'27	
	-4863 Jan 19 j 20:35	0°♐	
	-4863 Feb 06 j 21:20	0°♑	
morning set	-4863 Feb 10 j 07:33	6°♑38'41	
max. Earth dist.	-4863 Feb 15 j 12:27	17°♑16'51	1.33472 AU
superior conj	-4863 Feb 18 j 02:48	22°♑46'54	0°-55'-42
minimum elong	-4863 Feb 18 j 05:08	22°♑59'22	0°55'32
	-4863 Feb 21 j 11:35	0°♒	
asc. node	-4863 Feb 23 j 18:56	4°♒55'57	
evening rise	-4863 Feb 25 j 07:55	8°♒11'16	
	-4863 Mar 08 j 22:28	0°♓	
evening max el	-4863 Mar 19 j 16:44	13°♓48'58	22°51'48
retrograde	-4863 Apr 01 j 21:50	20°♓17'38	
evening set	-4863 Apr 05 j 05:02	19°♓53'47	
desc. node	-4863 Apr 07 j 21:56	19°♓01'33	
min. Earth dist.	-4863 Apr 13 j 02:48	16°♓23'21	0.55579 AU
inferior conj	-4863 Apr 14 j 11:08	15°♓36'35	-1°-45'-6
minimum elong	-4863 Apr 14 j 06:42	15°♓43'01	1°43'48
morning rise	-4863 Apr 23 j 11:01	11°♓38'55	
direct	-4863 Apr 25 j 23:14	11°♓24'01	
morning max el	-4863 May 07 j 01:17	16°♓34'53	20°41'05
	-4863 May 17 j 05:00	0°♈	
asc. node	-4863 May 22 j 18:44	10°♈11'46	
morning set	-4863 May 26 j 00:37	16°♈41'58	
	-4863 Jun 01 j 11:18	0°♉	
superior conj	-4863 Jun 02 j 16:55	2°♉31'34	1°31'57
minimum elong	-4863 Jun 02 j 14:16	2°♉18'05	1°31'47
max. Earth dist.	-4863 Jun 07 j 05:25	11°♉34'25	1.35904 AU
evening rise	-4863 Jun 11 j 12:02	19°♉44'48	
	-4863 Jun 17 j 04:42	0°♊	
desc. node	-4863 Jul 04 j 20:24	27°♊22'07	
	-4863 Jul 06 j 19:39	0°♋	
evening max el	-4863 Jul 17 j 03:07	11°♋58'05	26°19'07
retrograde	-4863 Jul 29 j 19:58	19°♋12'03	
evening set	-4863 Aug 05 j 06:25	16°♋29'09	
min. Earth dist.	-4863 Aug 09 j 09:28	12°♋03'53	0.66184 AU
inferior conj	-4863 Aug 10 j 20:25	10°♋15'39	-2°-28'-31
minimum elong	-4863 Aug 10 j 23:34	10°♋05'52	2°27'13
morning rise	-4863 Aug 16 j 17:34	4°♋23'58	
asc. node	-4863 Aug 18 j 18:13	3°♋35'59	
direct	-4863 Aug 19 j 19:29	3°♋29'40	
morning max el	-4863 Aug 26 j 16:27	7°♋21'48	18°53'46
	-4863 Sep 11 j 13:37	0°♌	
morning set	-4863 Sep 17 j 05:03	8°♌58'09	
desc. node	-4863 Sep 30 j 19:53	0°♍30'30	
	-4863 Sep 30 j 12:09	0°♍	
superior conj	-4863 Oct 03 j 09:56	4°♍35'06	0°-16'-14
minimum elong	-4863 Oct 03 j 07:50	4°♍26'48	0°15'50
behind sun begin	-4863 Oct 03 j 04:59	4°♍15'32	
behind sun end	-4863 Oct 03 j 10:41	4°♍38'03	
max. Earth dist.	-4863 Oct 02 j 18:02	3°♍32'22	1.44751 AU
evening rise	-4863 Oct 19 j 03:50	29°♍40'05	
	-4863 Oct 19 j 08:47	0°♎	
	-4863 Nov 08 j 06:17	0°♏	
evening max el	-4863 Nov 09 j 02:17	0°♏53'40	18°49'39
asc. node	-4863 Nov 14 j 16:58	4°♏36'18	
retrograde	-4863 Nov 15 j 21:29	4°♏44'12	
evening set	-4863 Nov 18 j 22:27	3°♏51'32	
	-4863 Nov 23 j 05:23	30°℞♎	
inferior conj	-4863 Nov 24 j 19:31	28°♎06'20	3°00'15
minimum elong	-4863 Nov 24 j 16:17	28°♎16'12	2°59'16
min. Earth dist.	-4863 Nov 26 j 11:36	26°♎04'18	0.65146 AU
morning rise	-4863 Nov 30 j 09:02	21°♎57'39	
direct	-4863 Dec 06 j 23:50	19°♎08'55	
morning max el	-4863 Dec 20 j 01:36	26°♎43'17	26°51'55
	-4863 Dec 23 j 03:55	0°♏	
desc. node	-4863 Dec 27 j 20:01	5°♏35'12	
	-4862 Jan 13 j 10:39	0°♐	
morning set	-4862 Jan 24 j 18:58	20°♐14'36	
max. Earth dist.	-4862 Jan 29 j 06:49	29°♐04'26	1.34519 AU
	-4862 Jan 29 j 17:50	0°♑	
superior conj	-4862 Feb 02 j 05:25	7°♑09'12	-1°-17'-35
minimum elong	-4862 Feb 02 j 08:21	7°♑24'25	1°17'26
evening rise	-4862 Feb 09 j 17:37	22°♑54'00	
asc. node	-4862 Feb 10 j 15:58	24°♑49'18	
	-4862 Feb 13 j 05:34	0°♒	
evening max el	-4862 Mar 01 j 15:15	24°♒47'32	21°21'47
	-4862 Mar 10 j 01:57	0°♓	
retrograde	-4862 Mar 13 j 12:21	0°♓28'13	
evening set	-4862 Mar 16 j 01:40	0°♓13'20	
	-4862 Mar 17 j 01:23	30°℞♒	
inferior conj	-4862 Mar 25 j 07:14	26°♒13'48	0°08'09
minimum elong	-4862 Mar 25 j 07:36	26°♒13'16	0°07'52
transit middle	-4862 Mar 25 j 07:36	26°♒13'16	0°07'52
transit begin	-4862 Mar 25 j 04:02	26°♒18'18	
transit end	-4862 Mar 25 j 11:10	26°♒08'14	
min. Earth dist.	-4862 Mar 25 j 17:10	25°♒59'45	0.55202 AU
desc. node	-4862 Mar 25 j 19:05	25°♒57'03	
morning rise	-4862 Apr 03 j 13:11	22°♒08'08	
direct	-4862 Apr 06 j 11:54	21°♒49'02	
morning max el	-4862 Apr 19 j 03:40	27°♒53'24	22°09'08
	-4862 Apr 21 j 05:43	0°♓	
asc. node	-4862 May 09 j 15:43	29°♓58'11	
	-4862 May 09 j 16:04	0°♈	
morning set	-4862 May 10 j 10:27	1°♈34'55	
superior conj	-4862 May 17 j 18:28	17°♈02'56	1°14'52
minimum elong	-4862 May 17 j 15:47	16°♈48'53	1°14'31
max. Earth dist.	-4862 May 20 j 22:30	23°♈38'03	1.34553 AU
	-4862 May 24 j 02:13	0°♉	
evening rise	-4862 May 25 j 19:38	3°♉23'06	
	-4862 Jun 10 j 00:41	0°♊	
desc. node	-4862 Jun 21 j 17:31	16°♊32'46	
evening max el	-4862 Jun 29 j 14:33	25°♊22'13	27°05'28
	-4862 Jul 05 j 05:24	0°♋	
retrograde	-4862 Jul 12 j 21:31	2°♋45'12	
evening set	-4862 Jul 19 j 19:03	29°♊58'08	
	-4862 Jul 19 j 18:08	30°℞♊	
min. Earth dist.	-4862 Jul 23 j 14:52	26°♊11'11	0.65085 AU
inferior conj	-4862 Jul 25 j 15:18	23°♊52'42	-3°-11'-54
minimum elong	-4862 Jul 25 j 18:53	23°♊42'24	3°10'42
morning rise	-4862 Jul 31 j 20:00	18°♊15'35	
direct	-4862 Aug 03 j 15:34	17°♊32'33	
asc. node	-4862 Aug 05 j 15:18	17°♊53'49	
morning max el	-4862 Aug 10 j 04:57	21°♊06'39	18°17'46
	-4862 Aug 17 j 00:32	0°♋	
morning set	-4862 Aug 28 j 23:57	19°♋26'24	
	-4862 Sep 04 j 10:07	0°♌	
superior conj	-4862 Sep 12 j 11:17	12°♌57'44	0°32'36
minimum elong	-4862 Sep 12 j 15:13	13°♌13'22	0°32'17
max. Earth dist.	-4862 Sep 15 j 11:53	17°♌45'45	1.44639 AU
desc. node	-4862 Sep 17 j 16:49	21°♌14'38	
	-4862 Sep 23 j 06:43	0°♍	
evening rise	-4862 Sep 29 j 03:17	9°♍08'48	
	-4862 Oct 12 j 15:45	0°♎	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

greatest brilliancy	-4862 Oct	14 j 20:32	3°♎15'08	-0.7m			-4861 Oct	08 j 22:25	0°♎		
evening max el	-4862 Oct	23 j 10:24	14°♎20'38	19°35'59		retrograde	-4861 Oct	14 j 14:56	2°♎32'41		
retrograde	-4862 Oct	30 j 17:48	18°♎34'54			evening set	-4861 Oct	18 j 09:31	1°♎10'47		
asc. node	-4862 Nov	01 j 14:06	18°♎15'08			asc. node	-4861 Oct	19 j 11:14	0°♎17'43		
evening set	-4862 Nov	03 j 02:28	17°♎29'01				-4861 Oct	19 j 18:43	30°℞♍		
inferior conj	-4862 Nov	08 j 17:49	11°♎30'01	2°16'34		inferior conj	-4861 Oct	23 j 20:49	25°♍01'19	1°27'43	
minimum elong	-4862 Nov	08 j 15:01	11°♎39'07	2°15'34		minimum elong	-4861 Oct	23 j 18:53	25°♍07'52	1°26'58	
min. Earth dist.	-4862 Nov	09 j 20:39	10°♎02'53	0.66191 AU		min. Earth dist.	-4861 Oct	24 j 11:53	24°♍10'20	0.66892 AU	
morning rise	-4862 Nov	14 j 02:50	5°♎15'39			morning rise	-4861 Oct	29 j 03:47	18°♍43'54		
direct	-4862 Nov	20 j 04:23	2°♎37'43			direct	-4861 Nov	03 j 14:06	16°♍23'57		
morning max el	-4862 Dec	02 j 10:48	9°♎51'41	25°47'02		morning max el	-4861 Nov	14 j 19:36	23°♍05'26	24°26'49	
desc. node	-4862 Dec	14 j 16:58	24°♎41'35				-4861 Nov	20 j 22:20	0°♎		
	-4862 Dec	18 j 11:19	0°♏			desc. node	-4861 Dec	01 j 13:54	14°♎21'40		
	-4861 Jan	05 j 23:43	0°♐				-4861 Dec	11 j 20:20	0°♏		
morning set	-4861 Jan	07 j 15:33	3°♐00'51			morning set	-4861 Dec	20 j 15:41	14°♏42'04		
max. Earth dist.	-4861 Jan	11 j 13:37	10°♐21'16	1.36016 AU		max. Earth dist.	-4861 Dec	24 j 11:58	21°♏31'47	1.37885 AU	
							-4861 Dec	29 j 01:49	0°♐		
superior conj	-4861 Jan	17 j 00:26	21°♐03'41	-1°-35'-55							
minimum elong	-4861 Jan	17 j 03:21	21°♐18'17	1°35'54		superior conj	-4861 Dec	31 j 08:28	4°♐20'47	-1°-48'-39	
	-4861 Jan	21 j 09:48	0°♑			minimum elong	-4861 Dec	31 j 10:24	4°♐30'04	1°48'48	
evening rise	-4861 Jan	24 j 23:42	7°♑19'52			evening rise	-4860 Jan	08 j 23:58	21°♐22'41		
asc. node	-4861 Jan	28 j 12:59	14°♑25'40				-4860 Jan	13 j 10:32	0°♑		
	-4861 Feb	06 j 15:39	0°♒			asc. node	-4860 Jan	15 j 10:02	3°♑38'57		
evening max el	-4861 Feb	11 j 23:26	6°♒17'09	20°05'03		evening max el	-4860 Jan	25 j 17:55	18°♑22'26	19°06'38	
retrograde	-4861 Feb	22 j 04:12	11°♒06'49			retrograde	-4860 Feb	03 j 09:56	22°♑30'59		
evening set	-4861 Feb	24 j 12:43	10°♒52'31			evening set	-4860 Feb	05 j 19:29	22°♑13'19		
inferior conj	-4861 Mar	05 j 06:25	6°♒52'39	1°57'27		inferior conj	-4860 Feb	13 j 20:56	17°♑59'23	3°15'58	
minimum elong	-4861 Mar	05 j 10:58	6°♒45'45	1°55'52		minimum elong	-4860 Feb	14 j 01:41	17°♑51'08	3°14'45	
min. Earth dist.	-4861 Mar	07 j 07:16	5°♒38'55	0.55757 AU		min. Earth dist.	-4860 Feb	16 j 22:14	15°♑53'17	0.57097 AU	
desc. node	-4861 Mar	12 j 16:14	2°♒55'22			morning rise	-4860 Feb	22 j 04:13	13°♑00'55		
morning rise	-4861 Mar	14 j 06:27	2°♒23'37			direct	-4860 Feb	27 j 07:58	11°♑58'42		
direct	-4861 Mar	18 j 04:14	1°♒50'01			desc. node	-4860 Feb	27 j 13:21	11°♑58'49		
morning max el	-4861 Mar	31 j 21:26	8°♒38'46	23°47'14		morning max el	-4860 Mar	12 j 12:25	19°♑15'45	25°22'48	
	-4861 Apr	16 j 09:50	0°♓				-4860 Mar	21 j 13:24	0°♒		
morning set	-4861 Apr	24 j 22:20	16°♓36'17				-4860 Apr	07 j 15:26	0°♓		
asc. node	-4861 Apr	26 j 12:40	19°♓58'35			morning set	-4860 Apr	08 j 10:36	1°♓40'03		
	-4861 May	01 j 04:38	0°♈			asc. node	-4860 Apr	12 j 09:38	10°♓08'10		
superior conj	-4861 May	02 j 01:24	1°♈51'42	0°54'20		superior conj	-4860 Apr	15 j 11:38	16°♓50'49	0°31'29	
minimum elong	-4861 May	01 j 23:13	1°♈40'00	0°53'55		minimum elong	-4860 Apr	15 j 10:17	16°♓43'29	0°31'08	
max. Earth dist.	-4861 May	04 j 01:18	6°♈07'37	1.33566 AU		max. Earth dist.	-4860 Apr	16 j 11:06	18°♓58'27	1.32932 AU	
evening rise	-4861 May	09 j 14:26	17°♈36'18				-4860 Apr	21 j 15:12	0°♈		
	-4861 May	16 j 01:46	0°♉			evening rise	-4860 Apr	22 j 17:01	2°♈13'23		
	-4861 Jun	04 j 11:11	0°♊				-4860 May	07 j 23:40	0°♉		
desc. node	-4861 Jun	08 j 14:39	4°♊54'32			evening max el	-4860 May	24 j 08:10	21°♉02'33	27°13'12	
evening max el	-4861 Jun	12 j 01:04	8°♊28'03	27°25'07		desc. node	-4860 May	25 j 11:47	22°♉06'44		
retrograde	-4861 Jun	25 j 17:07	15°♊52'51			retrograde	-4860 Jun	07 j 06:14	28°♉26'11		
evening set	-4861 Jul	02 j 20:12	13°♊13'34			evening set	-4860 Jun	14 j 06:05	26°♉08'35		
min. Earth dist.	-4861 Jul	06 j 11:07	10°♊00'41	0.63604 AU		min. Earth dist.	-4860 Jun	17 j 21:26	23°♉19'17	0.61782 AU	
inferior conj	-4861 Jul	09 j 01:41	7°♊19'05	-3°-46'-55		inferior conj	-4860 Jun	21 j 00:27	20°♉27'47	-4°-9'-2	
minimum elong	-4861 Jul	09 j 04:55	7°♊10'40	3°46'08		minimum elong	-4860 Jun	21 j 02:11	20°♉23'46	4°08'44	
morning rise	-4861 Jul	15 j 15:31	1°♊59'50			morning rise	-4860 Jun	28 j 00:59	15°♉29'11		
direct	-4861 Jul	18 j 06:51	1°♊25'25			direct	-4860 Jun	30 j 13:49	15°♉01'28		
asc. node	-4861 Jul	23 j 12:21	3°♊39'04			morning max el	-4860 Jul	07 j 09:36	18°♉26'21	17°59'23	
morning max el	-4861 Jul	24 j 19:33	4°♊50'06	17°59'20		asc. node	-4860 Jul	09 j 09:24	20°♉36'34		
	-4861 Aug	10 j 04:50	0°♋				-4860 Jul	15 j 18:37	0°♊		
morning set	-4861 Aug	10 j 20:16	1°♋07'00			morning set	-4860 Jul	23 j 12:52	13°♊46'04		
							-4860 Aug	01 j 14:03	0°♋		
superior conj	-4861 Aug	23 j 07:35	22°♋17'49	1°12'18							
minimum elong	-4861 Aug	23 j 13:32	22°♋42'21	1°11'54		superior conj	-4860 Aug	03 j 07:32	3°♋00'35	1°37'20	
	-4861 Aug	28 j 00:58	0°♌			minimum elong	-4860 Aug	03 j 11:39	3°♋18'24	1°37'18	
max. Earth dist.	-4861 Aug	29 j 03:56	1°♌48'26	1.43823 AU		max. Earth dist.	-4860 Aug	10 j 15:03	15°♋21'32	1.42416 AU	
desc. node	-4861 Sep	04 j 13:45	11°♌57'38			evening rise	-4860 Aug	17 j 15:24	26°♋39'58		
evening rise	-4861 Sep	08 j 09:00	17°♌52'31				-4860 Aug	19 j 18:24	0°♌		
	-4861 Sep	16 j 07:20	0°♍			desc. node	-4860 Aug	21 j 10:43	2°♌36'28		
greatest brilliancy	-4861 Sep	30 j 10:19	20°♍26'29	-0.5m			-4860 Sep	09 j 04:17	0°♍		
evening max el	-4861 Oct	06 j 13:01	27°♍46'52	20°36'56		greatest brilliancy	-4860 Sep	13 j 12:09	5°♍37'27	-0.4m	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4860 Sep 18 j 09:14	11°♍11'21	21°49'25
retrograde	-4860 Sep 27 j 11:00	16°♍34'41	
evening set	-4860 Oct 01 j 17:38	14°♍54'25	
asc. node	-4860 Oct 05 j 08:24	11°♍00'29	
inferior conj	-4860 Oct 07 j 02:29	8°♍37'56	0°35'46
minimum elong	-4860 Oct 07 j 01:40	8°♍40'46	0°35'31
min. Earth dist.	-4860 Oct 07 j 06:55	8°♍22'40	0.67285 AU
morning rise	-4860 Oct 12 j 09:29	2°♍20'18	
direct	-4860 Oct 17 j 04:32	0°♍21'23	
morning max el	-4860 Oct 27 j 05:48	6°♍21'42	23°00'39
greatest brilliancy	-4860 Nov 01 j 04:26	11°♍55'33	-0.3m
	-4860 Nov 14 j 11:12	0°♎	
desc. node	-4860 Nov 17 j 10:47	4°♎25'02	
morning set	-4860 Nov 30 j 13:19	25°♎02'43	
	-4860 Dec 03 j 12:23	0°♏	
max. Earth dist.	-4860 Dec 05 j 08:19	3°♏07'27	1.39938 AU
superior conj	-4860 Dec 13 j 00:55	16°♏47'09	-1°-53'00
minimum elong	-4860 Dec 13 j 00:36	16°♏45'39	1°53'11
	-4860 Dec 20 j 02:00	0°♐	
evening rise	-4860 Dec 22 j 15:37	4°♐54'18	
asc. node	-4859 Jan 01 j 07:08	22°♐20'23	
	-4859 Jan 06 j 22:29	0°♑	
evening max el	-4859 Jan 07 j 21:01	0°♑57'42	18°28'13
retrograde	-4859 Jan 15 j 09:58	4°♑39'43	
evening set	-4859 Jan 17 j 21:42	4°♑16'47	
	-4859 Jan 24 j 22:57	30°℞♐	
inferior conj	-4859 Jan 25 j 07:35	29°♐42'38	3°56'32
minimum elong	-4859 Jan 25 j 09:47	29°♐38'13	3°56'05
min. Earth dist.	-4859 Jan 28 j 16:26	27°♐00'56	0.58930 AU
morning rise	-4859 Feb 01 j 18:27	24°♐19'22	
direct	-4859 Feb 08 j 00:33	22°♐38'27	
desc. node	-4859 Feb 13 j 10:26	23°♐50'39	
	-4859 Feb 22 j 01:54	0°♑	
morning max el	-4859 Feb 22 j 06:22	0°♑10'48	26°40'48
	-4859 Mar 15 j 09:01	0°♒	
morning set	-4859 Mar 23 j 21:28	16°♒38'53	
asc. node	-4859 Mar 30 j 06:35	0°♓21'46	
	-4859 Mar 30 j 02:37	0°♓	
superior conj	-4859 Mar 30 j 23:17	1°♓53'06	0°07'14
minimum elong	-4859 Mar 30 j 22:58	1°♓51'23	0°07'02
behind sun begin	-4859 Mar 30 j 18:29	1°♓26'46	
behind sun end	-4859 Mar 31 j 03:28	2°♓16'00	
max. Earth dist.	-4859 Mar 31 j 00:14	1°♓58'18	1.32631 AU
evening rise	-4859 Apr 07 j 00:39	17°♓04'29	
	-4859 Apr 13 j 12:55	0°♈	
	-4859 May 03 j 12:54	0°♉	
evening max el	-4859 May 06 j 09:43	2°♉56'46	26°28'46
desc. node	-4859 May 12 j 08:58	7°♉40'32	
retrograde	-4859 May 20 j 11:44	10°♉16'55	
evening set	-4859 May 26 j 20:42	8°♉33'26	
min. Earth dist.	-4859 May 30 j 22:51	5°♉51'35	0.59753 AU
inferior conj	-4859 Jun 03 j 08:00	3°♉09'54	-4°-11'-22
minimum elong	-4859 Jun 03 j 06:58	3°♉12'00	4°11'13
	-4859 Jun 07 j 16:46	30°℞♈	
morning rise	-4859 Jun 10 j 20:51	28°♈33'15	
direct	-4859 Jun 13 j 08:16	28°♈10'54	
	-4859 Jun 18 j 15:48	0°♉	
morning max el	-4859 Jun 20 j 20:17	1°♉47'34	18°18'47
asc. node	-4859 Jun 26 j 06:25	8°♉30'52	
morning set	-4859 Jul 06 j 20:41	27°♉10'49	
	-4859 Jul 08 j 08:21	0°♊	
superior conj	-4859 Jul 16 j 08:50	14°♊59'44	1°48'20
minimum elong	-4859 Jul 16 j 10:05	15°♊05'26	1°48'33
max. Earth dist.	-4859 Jul 23 j 20:00	28°♊11'51	1.40616 AU
	-4859 Jul 24 j 21:22	0°♋	
evening rise	-4859 Jul 28 j 17:10	6°♋23'25	
desc. node	-4859 Aug 08 j 07:44	23°♋07'36	
	-4859 Aug 12 j 22:35	0°♌	
greatest brilliancy	-4859 Aug 26 j 12:15	18°♌26'22	-0.2m
evening max el	-4859 Aug 31 j 23:54	24°♌36'20	23°08'59
	-4859 Sep 08 j 04:40	0°♍	
retrograde	-4859 Sep 11 j 04:31	0°♍38'47	
	-4859 Sep 13 j 23:34	30°℞♌	
evening set	-4859 Sep 16 j 01:02	28°♌38'45	
inferior conj	-4859 Sep 21 j 09:04	22°♌18'53	0°-17'-25
minimum elong	-4859 Sep 21 j 09:28	22°♌17'31	0°17'05
min. Earth dist.	-4859 Sep 21 j 03:20	22°♌38'39	0.67384 AU
asc. node	-4859 Sep 22 j 05:33	21°♌08'46	
morning rise	-4859 Sep 26 j 17:54	16°♌04'11	
direct	-4859 Sep 30 j 22:53	14°♌26'17	
morning max el	-4859 Oct 09 j 20:25	19°♌43'02	21°37'13
greatest brilliancy	-4859 Oct 14 j 22:51	25°♌35'22	-0.4m
	-4859 Oct 18 j 08:01	0°♍	
desc. node	-4859 Nov 04 j 07:41	24°♍45'19	
	-4859 Nov 07 j 16:58	0°♎	
morning set	-4859 Nov 10 j 06:49	4°♎03'12	
max. Earth dist.	-4859 Nov 17 j 09:21	15°♎32'20	1.41903 AU
superior conj	-4859 Nov 24 j 20:22	28°♎09'56	-1°-45'-27
minimum elong	-4859 Nov 24 j 16:40	27°♎53'52	1°45'22
	-4859 Nov 25 j 21:39	0°♏	
evening rise	-4859 Dec 05 j 19:17	17°♏47'35	
	-4859 Dec 12 j 13:54	0°♐	
asc. node	-4859 Dec 19 j 04:14	10°♐20'14	
evening max el	-4859 Dec 22 j 06:10	13°♐55'48	18°09'49
retrograde	-4859 Dec 29 j 02:38	17°♐25'32	
evening set	-4859 Dec 31 j 16:48	16°♐56'04	
inferior conj	-4858 Jan 07 j 13:26	12°♐00'00	4°05'15
minimum elong	-4858 Jan 07 j 12:49	12°♐01'26	4°05'00
min. Earth dist.	-4858 Jan 10 j 16:48	9°♐06'02	0.60925 AU
morning rise	-4858 Jan 14 j 06:13	6°♐19'04	
direct	-4858 Jan 21 j 04:04	4°♐01'52	
desc. node	-4858 Jan 31 j 07:31	8°♐14'13	
morning max el	-4858 Feb 04 j 06:15	11°♐41'34	27°28'51
	-4858 Feb 18 j 17:00	0°♑	
	-4858 Mar 07 j 12:19	0°♒	
morning set	-4858 Mar 08 j 05:05	1°♒25'54	
max. Earth dist.	-4858 Mar 14 j 13:03	14°♒54'22	1.32667 AU
superior conj	-4858 Mar 15 j 10:44	16°♒52'28	0°-17'-35
minimum elong	-4858 Mar 15 j 11:31	16°♒56'46	0°17'37
asc. node	-4858 Mar 17 j 03:34	20°♒35'22	
	-4858 Mar 21 j 12:06	0°♓	
evening rise	-4858 Mar 22 j 11:11	2°♓02'03	
	-4858 Apr 06 j 19:05	0°♈	
evening max el	-4858 Apr 18 j 05:24	14°♈11'26	25°16'15
desc. node	-4858 Apr 29 j 06:09	21°♈00'01	
retrograde	-4858 May 02 j 07:11	21°♈21'48	
evening set	-4858 May 07 j 13:54	20°♈16'44	
min. Earth dist.	-4858 May 12 j 17:55	17°♈25'50	0.57780 AU
inferior conj	-4858 May 15 j 20:57	15°♈16'21	-3°-44'-30
minimum elong	-4858 May 15 j 16:39	15°♈23'51	3°43'46
morning rise	-4858 May 23 j 23:33	11°♈00'13	
direct	-4858 May 26 j 10:09	10°♈42'05	
morning max el	-4858 Jun 04 j 00:36	14°♈44'10	18°58'11
asc. node	-4858 Jun 13 j 03:25	27°♈08'38	
	-4858 Jun 14 j 18:23	0°♉	
morning set	-4858 Jun 20 j 15:29	11°♉10'16	
superior conj	-4858 Jun 29 j 05:42	27°♉58'41	1°48'09
minimum elong	-4858 Jun 29 j 04:41	27°♉53'49	1°48'20

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4858 Jun	30 j 07:09	0°♊	
max. Earth dist.	-4858 Jul	05 j 21:30	10°♊21'18	1.38678 AU
evening rise	-4858 Jul	09 j 21:20	17°♊24'02	
	-4858 Jul	17 j 10:59	0°♋	
desc. node	-4858 Jul	26 j 04:47	13°♋25'47	
	-4858 Aug	07 j 08:01	0°♌	
evening max el	-4858 Aug	14 j 11:19	8°♌03'56	24°29'29
retrograde	-4858 Aug	25 j 18:22	14°♌41'03	
evening set	-4858 Aug	31 j 05:55	12°♌21'33	
min. Earth dist.	-4858 Sep	04 j 22:35	6°♌56'16	0.67183 AU
inferior conj	-4858 Sep	05 j 14:49	6°♌01'46	-1°-10'-13
minimum elong	-4858 Sep	05 j 16:25	5°♌56'22	1°09'21
asc. node	-4858 Sep	09 j 02:41	1°♌41'32	
	-4858 Sep	10 j 23:34	30°℞♋	
morning rise	-4858 Sep	11 j 03:11	29°♋53'25	
direct	-4858 Sep	14 j 19:59	28°♋34'40	
	-4858 Sep	18 j 23:24	0°♌	
morning max el	-4858 Sep	22 j 17:45	3°♌11'59	20°22'57
greatest brilliancy	-4858 Sep	29 j 09:36	11°♌17'01	-0.6m
	-4858 Oct	12 j 06:02	0°♍	
morning set	-4858 Oct	20 j 06:34	12°♍18'07	
desc. node	-4858 Oct	22 j 04:35	15°♍17'00	
max. Earth dist.	-4858 Oct	30 j 18:02	28°♍49'24	1.43496 AU
	-4858 Oct	31 j 11:35	0°♎	
superior conj	-4858 Nov	05 j 13:30	8°♎16'53	-1°-22'-37
minimum elong	-4858 Nov	05 j 07:01	7°♎50'07	1°22'02
evening rise	-4858 Nov	18 j 06:44	29°♎53'56	
	-4858 Nov	18 j 08:08	0°♏	
evening max el	-4858 Dec	05 j 18:27	27°♏09'02	18°10'50
asc. node	-4858 Dec	06 j 01:21	27°♏26'10	
	-4858 Dec	09 j 13:42	0°♐	
retrograde	-4858 Dec	12 j 08:04	0°♐38'52	
evening set	-4858 Dec	15 j 01:18	0°♐01'42	
	-4858 Dec	15 j 02:48	30°℞♏	
inferior conj	-4858 Dec	21 j 11:05	24°♏44'24	3°51'16
minimum elong	-4858 Dec	21 j 08:38	24°♏50'52	3°50'45
min. Earth dist.	-4858 Dec	24 j 01:52	22°♏00'05	0.62799 AU
morning rise	-4858 Dec	27 j 14:08	18°♏50'31	
direct	-4857 Jan	03 j 16:00	16°♏09'31	
morning max el	-4857 Jan	17 j 11:45	23°♏51'47	27°41'16
desc. node	-4857 Jan	18 j 04:33	24°♏33'44	
	-4857 Jan	23 j 01:38	0°♐	
	-4857 Feb	11 j 22:54	0°♑	
morning set	-4857 Feb	20 j 07:14	15°♑53'18	
max. Earth dist.	-4857 Feb	25 j 21:48	27°♑33'17	1.33062 AU
	-4857 Feb	27 j 01:11	0°♒	
superior conj	-4857 Feb	27 j 20:17	1°♒42'52	0°-42'-6
minimum elong	-4857 Feb	27 j 22:07	1°♒52'43	0°41'59
asc. node	-4857 Mar	04 j 00:34	10°♒44'53	
evening rise	-4857 Mar	06 j 22:48	16°♒59'18	
	-4857 Mar	13 j 11:04	0°♓	
evening max el	-4857 Mar	30 j 21:46	25°♓00'23	23°46'13
	-4857 Apr	06 j 15:23	0°♈	
retrograde	-4857 Apr	13 j 14:02	1°♈48'40	
desc. node	-4857 Apr	16 j 03:20	1°♈34'07	
evening set	-4857 Apr	17 j 13:31	1°♈13'48	
	-4857 Apr	20 j 18:19	30°℞♓	
min. Earth dist.	-4857 Apr	24 j 09:25	28°♓01'30	0.56192 AU
inferior conj	-4857 Apr	26 j 13:56	26°♓41'47	-2°-39'-47
minimum elong	-4857 Apr	26 j 08:19	26°♓50'21	2°38'20
morning rise	-4857 May	05 j 06:43	22°♓40'41	
direct	-4857 May	07 j 17:33	22°♓25'17	
morning max el	-4857 May	17 j 19:54	27°♓07'09	19°57'53
	-4857 May	20 j 13:36	0°♈	
asc. node	-4857 May	31 j 00:25	16°♈19'45	
morning set	-4857 Jun	04 j 18:04	25°♈36'36	
	-4857 Jun	06 j 22:00	0°♉	
superior conj	-4857 Jun	12 j 16:53	11°♉43'16	1°39'40
minimum elong	-4857 Jun	12 j 14:34	11°♉31'45	1°39'39
max. Earth dist.	-4857 Jun	18 j 01:21	22°♉09'49	1.36847 AU
evening rise	-4857 Jun	22 j 01:42	29°♉37'32	
	-4857 Jun	22 j 06:39	0°♊	
	-4857 Jul	10 j 16:33	0°♋	
desc. node	-4857 Jul	13 j 01:52	3°♋24'56	
evening max el	-4857 Jul	27 j 21:58	21°♋34'20	25°43'01
retrograde	-4857 Aug	09 j 03:43	28°♋37'11	
evening set	-4857 Aug	15 j 06:22	26°♋01'07	
min. Earth dist.	-4857 Aug	19 j 14:13	21°♋13'33	0.66660 AU
inferior conj	-4857 Aug	20 j 17:56	19°♋44'40	-2°00'-57
minimum elong	-4857 Aug	20 j 20:37	19°♋36'05	1°59'43
morning rise	-4857 Aug	26 j 11:26	13°♋46'02	
asc. node	-4857 Aug	26 j 23:48	13°♋27'58	
direct	-4857 Aug	29 j 18:12	12°♋43'39	
morning max el	-4857 Sep	05 j 22:12	16°♋49'21	19°21'54
	-4857 Sep	15 j 22:15	0°♌	
greatest brilliancy	-4857 Sep	16 j 00:12	0°♌07'16	-0.7m
morning set	-4857 Sep	29 j 11:03	20°♌53'15	
	-4857 Oct	05 j 06:46	0°♍	
desc. node	-4857 Oct	09 j 01:29	5°♍56'06	
max. Earth dist.	-4857 Oct	13 j 09:06	12°♍44'40	1.44500 AU
superior conj	-4857 Oct	16 j 03:54	17°♍09'43	0°-43'-46
minimum elong	-4857 Oct	15 j 22:41	16°♍48'58	0°43'03
	-4857 Oct	24 j 03:29	0°♎	
evening rise	-4857 Oct	30 j 21:15	11°♎04'01	
	-4857 Nov	11 j 11:08	0°♏	
evening max el	-4857 Nov	19 j 07:03	10°♏30'57	18°30'23
asc. node	-4857 Nov	22 j 22:29	13°♏23'31	
retrograde	-4857 Nov	25 j 22:04	14°♏11'22	
evening set	-4857 Nov	28 j 19:43	13°♏24'52	
inferior conj	-4857 Dec	04 j 20:50	7°♏48'43	3°21'59
minimum elong	-4857 Dec	04 j 17:38	7°♏58'03	3°21'06
min. Earth dist.	-4857 Dec	06 j 20:59	5°♏28'59	0.64389 AU
morning rise	-4857 Dec	10 j 14:16	1°♏44'42	
	-4857 Dec	13 j 04:14	30°℞♎	
direct	-4857 Dec	17 j 10:49	28°♎55'06	
	-4857 Dec	22 j 01:20	0°♏	
morning max el	-4857 Dec	30 j 20:43	6°♏34'33	27°18'43
desc. node	-4856 Jan	05 j 01:33	12°♏16'17	
	-4856 Jan	17 j 22:51	0°♐	
morning set	-4856 Feb	04 j 01:01	29°♐50'53	
	-4856 Feb	04 j 02:53	0°♑	
max. Earth dist.	-4856 Feb	08 j 22:35	9°♑42'28	1.33863 AU
superior conj	-4856 Feb	12 j 02:01	16°♑16'59	-1°-5'-18
minimum elong	-4856 Feb	12 j 04:40	16°♑30'57	1°05'08
asc. node	-4856 Feb	18 j 21:33	0°♒45'19	
	-4856 Feb	18 j 12:56	0°♒	
evening rise	-4856 Feb	19 j 09:43	1°♒48'57	
	-4856 Mar	06 j 12:49	0°♓	
evening max el	-4856 Mar	11 j 16:06	5°♓46'49	22°12'22
retrograde	-4856 Mar	24 j 08:54	11°♓56'34	
evening set	-4856 Mar	27 j 07:02	11°♓37'42	
desc. node	-4856 Apr	02 j 00:30	9°♓27'48	
min. Earth dist.	-4856 Apr	04 j 23:29	7°♓51'13	0.55305 AU
inferior conj	-4856 Apr	05 j 14:34	7°♓29'55	0°-58'-45
minimum elong	-4856 Apr	05 j 11:53	7°♓33'42	0°57'59
morning rise	-4856 Apr	14 j 18:18	3°♓31'31	
direct	-4856 Apr	17 j 09:41	3°♓15'42	
morning max el	-4856 Apr	29 j 04:26	8°♓48'46	21°16'49
	-4856 May	13 j 20:31	0°♈	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4856 May 16 j 21:23	5°♈54'52	
morning set	-4856 May 19 j 01:50	10°♈21'25	
superior conj	-4856 May 26 j 14:07	26°♈00'13	1°25'12
minimum elong	-4856 May 26 j 11:23	25°♈46'05	1°24'58
	-4856 May 28 j 12:50	0°♉	
max. Earth dist.	-4856 May 30 j 12:40	4°♉01'25	1.35286 AU
evening rise	-4856 Jun 04 j 00:48	12°♉48'29	
	-4856 Jun 13 j 15:56	0°♊	
desc. node	-4856 Jun 28 j 22:58	22°♊56'19	
	-4856 Jul 04 j 15:39	0°♋	
evening max el	-4856 Jul 09 j 09:01	5°♋02'27	26°41'33
retrograde	-4856 Jul 22 j 08:14	12°♋21'00	
evening set	-4856 Jul 29 j 00:05	9°♋34'49	
min. Earth dist.	-4856 Aug 01 j 23:50	5°♋26'22	0.65772 AU
inferior conj	-4856 Aug 03 j 16:27	3°♋24'34	-2°-47'-42
minimum elong	-4856 Aug 03 j 19:52	3°♋14'19	2°46'25
	-4856 Aug 06 j 17:10	30°℞♊	
morning rise	-4856 Aug 09 j 16:39	27°♊38'58	
direct	-4856 Aug 12 j 15:39	26°♊49'49	
asc. node	-4856 Aug 12 j 20:54	26°♊50'05	
	-4856 Aug 18 j 19:09	0°♋	
morning max el	-4856 Aug 19 j 08:28	0°♋32'52	18°36'22
	-4856 Sep 08 j 05:15	0°♌	
morning set	-4856 Sep 08 j 14:13	0°♌36'13	
superior conj	-4856 Sep 24 j 03:34	25°♌25'02	0°04'58
minimum elong	-4856 Sep 24 j 04:14	25°♌27'38	0°05'02
behind sun begin	-4856 Sep 23 j 17:19	24°♌44'35	
behind sun end	-4856 Sep 24 j 15:09	26°♌10'41	
desc. node	-4856 Sep 24 j 22:24	26°♌39'16	
max. Earth dist.	-4856 Sep 25 j 03:01	26°♌57'26	1.44794 AU
	-4856 Sep 27 j 01:21	0°♍	
evening rise	-4856 Oct 10 j 11:00	21°♍09'50	
	-4856 Oct 16 j 00:40	0°♎	
evening max el	-4856 Nov 01 j 17:24	23°♎57'00	19°07'23
retrograde	-4856 Nov 08 j 17:03	27°♎56'57	
asc. node	-4856 Nov 08 j 19:38	27°♎56'53	
evening set	-4856 Nov 11 j 21:00	26°♎58'58	
inferior conj	-4856 Nov 17 j 15:24	21°♎07'12	2°42'32
minimum elong	-4856 Nov 17 j 12:17	21°♎17'00	2°41'29
min. Earth dist.	-4856 Nov 19 j 01:35	19°♎19'50	0.65630 AU
morning rise	-4856 Nov 23 j 02:38	14°♎55'37	
direct	-4856 Nov 29 j 12:01	12°♎10'35	
morning max el	-4856 Dec 12 j 06:36	19°♎38'08	26°26'52
	-4856 Dec 21 j 04:55	0°♏	
desc. node	-4856 Dec 21 j 22:31	0°♏57'29	
	-4855 Jan 09 j 23:47	0°♐	
morning set	-4855 Jan 17 j 06:44	13°♐07'34	
max. Earth dist.	-4855 Jan 21 j 12:18	21°♐16'53	1.35104 AU
	-4855 Jan 25 j 20:14	0°♑	
superior conj	-4855 Jan 26 j 01:43	0°♑28'11	-1°-25'-54
minimum elong	-4855 Jan 26 j 04:44	0°♑43'39	1°25'48
evening rise	-4855 Feb 02 j 18:08	16°♑25'15	
asc. node	-4855 Feb 04 j 18:34	20°♑32'03	
	-4855 Feb 09 j 16:49	0°♒	
evening max el	-4855 Feb 21 j 18:15	16°♒56'16	20°47'03
retrograde	-4855 Mar 04 j 22:46	22°♒15'25	
evening set	-4855 Mar 07 j 08:39	22°♒01'32	
inferior conj	-4855 Mar 16 j 10:07	18°♒03'35	0°56'59
minimum elong	-4855 Mar 16 j 12:38	17°♒59'57	0°55'57
min. Earth dist.	-4855 Mar 17 j 13:38	17°♒23'54	0.55325 AU
desc. node	-4855 Mar 19 j 21:39	16°♒06'14	
morning rise	-4855 Mar 25 j 15:09	13°♒49'28	
direct	-4855 Mar 28 j 21:57	13°♒26'00	
morning max el	-4855 Apr 11 j 02:46	19°♒51'06	22°50'23
	-4855 Apr 19 j 12:57	0°♓	
morning set	-4855 May 03 j 12:43	25°♓18'05	
asc. node	-4855 May 03 j 18:19	25°♓47'19	
	-4855 May 05 j 18:15	0°♈	
superior conj	-4855 May 10 j 18:15	10°♈39'35	1°06'30
minimum elong	-4855 May 10 j 15:44	10°♈26'14	1°06'08
max. Earth dist.	-4855 May 13 j 09:49	16°♈14'11	1.34082 AU
evening rise	-4855 May 18 j 13:36	26°♈42'23	
	-4855 May 20 j 06:11	0°♉	
	-4855 Jun 06 j 23:44	0°♊	
desc. node	-4855 Jun 15 j 20:05	11°♊47'58	
evening max el	-4855 Jun 21 j 20:02	18°♊19'08	27°17'23
retrograde	-4855 Jul 05 j 07:29	25°♊44'21	
evening set	-4855 Jul 12 j 08:17	22°♊58'35	
min. Earth dist.	-4855 Jul 16 j 01:27	19°♊27'13	0.64498 AU
inferior conj	-4855 Jul 18 j 08:02	16°♊57'19	-3°-28'-1
minimum elong	-4855 Jul 18 j 11:35	16°♊47'31	3°26'59
morning rise	-4855 Jul 24 j 16:28	11°♊27'42	
direct	-4855 Jul 27 j 09:53	10°♊48'48	
asc. node	-4855 Jul 30 j 17:59	11°♊46'27	
morning max el	-4855 Aug 02 j 22:15	14°♊17'55	18°07'45
	-4855 Aug 13 j 22:50	0°♋	
morning set	-4855 Aug 20 j 20:25	11°♋36'16	
	-4855 Aug 31 j 22:06	0°♌	
superior conj	-4855 Sep 03 j 11:02	4°♌06'47	0°51'04
minimum elong	-4855 Sep 03 j 16:27	4°♌28'34	0°50'38
max. Earth dist.	-4855 Sep 07 j 20:07	11°♌07'07	1.44368 AU
desc. node	-4855 Sep 11 j 19:19	17°♌23'06	
	-4855 Sep 19 j 21:26	0°♍	
evening rise	-4855 Sep 20 j 01:15	0°♍14'45	
greatest brilliancy	-4855 Oct 08 j 15:31	28°♍14'39	-0.6m
	-4855 Oct 09 j 22:04	0°♎	
evening max el	-4855 Oct 15 j 23:16	7°♎23'21	20°00'16
retrograde	-4855 Oct 23 j 14:03	11°♎50'39	
asc. node	-4855 Oct 26 j 16:48	10°♎54'12	
evening set	-4855 Oct 27 j 02:33	10°♎38'27	
inferior conj	-4855 Nov 01 j 15:59	4°♎34'32	1°56'21
minimum elong	-4855 Nov 01 j 13:30	4°♎42'44	1°55'25
min. Earth dist.	-4855 Nov 02 j 13:40	3°♎22'34	0.66526 AU
	-4855 Nov 05 j 07:11	30°℞♍	
morning rise	-4855 Nov 06 j 23:49	28°♍18'14	
direct	-4855 Nov 12 j 18:57	25°♍47'13	
	-4855 Nov 21 j 14:29	0°♎	
morning max el	-4855 Nov 24 j 15:36	2°♎49'37	25°14'07
desc. node	-4855 Dec 08 j 19:27	20°♎19'22	
	-4855 Dec 15 j 10:00	0°♏	
morning set	-4855 Dec 30 j 19:21	25°♏28'00	
	-4854 Jan 02 j 07:11	0°♐	
max. Earth dist.	-4854 Jan 03 j 14:31	2°♐25'18	1.36773 AU
superior conj	-4854 Jan 09 j 16:29	14°♐07'29	-1°-42'-10
minimum elong	-4854 Jan 09 j 19:07	14°♐20'29	1°42'13
evening rise	-4854 Jan 17 j 21:59	0°♑41'25	
	-4854 Jan 17 j 13:46	0°♑	
asc. node	-4854 Jan 22 j 15:37	9°♑59'06	
evening max el	-4854 Feb 04 j 06:55	28°♑40'56	19°37'49
	-4854 Feb 05 j 19:02	0°♒	
retrograde	-4854 Feb 13 j 19:18	3°♒11'20	
evening set	-4854 Feb 16 j 03:43	2°♒56'05	
	-4854 Feb 22 j 19:08	30°℞♑	
inferior conj	-4854 Feb 24 j 14:43	28°♑51'45	2°35'26
minimum elong	-4854 Feb 24 j 19:51	28°♑43'33	2°33'50
min. Earth dist.	-4854 Feb 27 j 04:16	27°♑13'56	0.56244 AU
morning rise	-4854 Mar 05 j 08:29	24°♑09'43	
desc. node	-4854 Mar 06 j 18:46	23°♑46'01	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4854 Mar 09 j 18:47	23°♉25'29	
	-4854 Mar 23 j 06:10	0°♒	
morning max el	-4854 Mar 23 j 18:34	0°♒29'12	24°29'07
	-4854 Apr 12 j 22:00	0°♓	
morning set	-4854 Apr 18 j 00:57	10°♓20'43	
asc. node	-4854 Apr 20 j 15:16	15°♓51'50	
superior conj	-4854 Apr 25 j 02:49	25°♓33'26	0°44'52
minimum elong	-4854 Apr 25 j 00:58	25°♓23'23	0°44'28
max. Earth dist.	-4854 Apr 26 j 15:45	28°♓52'25	1.33248 AU
	-4854 Apr 27 j 04:21	0°♈	
evening rise	-4854 May 02 j 12:05	11°♈06'51	
	-4854 May 12 j 12:54	0°♉	
desc. node	-4854 Jun 02 j 17:13	29°♉43'14	
	-4854 Jun 02 j 23:46	0°♊	
evening max el	-4854 Jun 04 j 05:25	1°♊13'11	27°24'13
retrograde	-4854 Jun 18 j 00:47	8°♊38'26	
evening set	-4854 Jun 25 j 03:30	6°♊06'46	
min. Earth dist.	-4854 Jun 28 j 17:41	3°♊05'21	0.62854 AU
inferior conj	-4854 Jul 01 j 13:55	0°♊17'25	-3°-58'-18
minimum elong	-4854 Jul 01 j 16:41	0°♊10'35	3°57'44
	-4854 Jul 01 j 20:59	30°℞♉	
morning rise	-4854 Jul 08 j 08:06	25°♉06'36	
direct	-4854 Jul 10 j 22:04	24°♉35'21	
morning max el	-4854 Jul 17 j 12:59	27°♉59'18	17°57'04
asc. node	-4854 Jul 17 j 15:02	28°♉04'23	
	-4854 Jul 19 j 09:07	0°♊	
morning set	-4854 Aug 03 j 02:08	23°♊43'57	
	-4854 Aug 06 j 15:21	0°♋	
superior conj	-4854 Aug 14 j 18:59	14°♋01'52	1°24'45
minimum elong	-4854 Aug 15 j 00:27	14°♋24'53	1°24'30
max. Earth dist.	-4854 Aug 21 j 09:58	24°♋57'54	1.43285 AU
	-4854 Aug 24 j 13:09	0°♌	
desc. node	-4854 Aug 29 j 16:16	8°♌05'00	
evening rise	-4854 Aug 30 j 04:43	8°♌53'26	
	-4854 Sep 13 j 03:52	0°♍	
greatest brilliancy	-4854 Sep 23 j 12:23	14°♍26'10	-0.5m
evening max el	-4854 Sep 28 j 23:18	20°♍49'20	21°06'34
retrograde	-4854 Oct 07 j 10:53	25°♍50'27	
evening set	-4854 Oct 11 j 10:17	24°♍21'12	
asc. node	-4854 Oct 13 j 13:58	22°♍19'20	
inferior conj	-4854 Oct 16 j 20:23	18°♍08'32	1°05'56
minimum elong	-4854 Oct 16 j 18:54	18°♍13'37	1°05'23
min. Earth dist.	-4854 Oct 17 j 06:54	17°♍32'31	0.67103 AU
morning rise	-4854 Oct 22 j 03:07	11°♍50'32	
direct	-4854 Oct 27 j 06:59	9°♍39'04	
morning max el	-4854 Nov 07 j 00:28	16°♍03'40	23°50'09
	-4854 Nov 18 j 12:01	0°♎	
desc. node	-4854 Nov 25 j 16:22	10°♎10'17	
	-4854 Dec 08 j 10:11	0°♏	
morning set	-4854 Dec 12 j 08:48	6°♏35'57	
max. Earth dist.	-4854 Dec 16 j 10:35	13°♏40'16	1.38756 AU
superior conj	-4854 Dec 23 j 18:31	27°♏04'32	-1°-51'-43
minimum elong	-4854 Dec 23 j 19:40	27°♏09'55	1°51'55
	-4854 Dec 25 j 07:30	0°♐	
evening rise	-4853 Jan 01 j 18:56	14°♐31'17	
asc. node	-4853 Jan 09 j 12:42	28°♐59'37	
	-4853 Jan 10 j 02:52	0°♑	
evening max el	-4853 Jan 18 j 05:27	10°♑59'58	18°47'50
retrograde	-4853 Jan 26 j 08:20	14°♑54'51	
evening set	-4853 Jan 28 j 18:58	14°♑35'00	
inferior conj	-4853 Feb 05 j 13:35	10°♑13'06	3°37'38
minimum elong	-4853 Feb 05 j 17:25	10°♑06'01	3°36'46
min. Earth dist.	-4853 Feb 08 j 20:14	7°♑49'10	0.57843 AU
morning rise	-4853 Feb 13 j 12:12	5°♑03'28	
direct	-4853 Feb 19 j 04:29	3°♑45'03	
desc. node	-4853 Feb 21 j 15:53	3°♑59'57	
morning max el	-4853 Mar 05 j 09:57	11°♑09'39	25°59'00
	-4853 Mar 19 j 21:55	0°♒	
morning set	-4853 Apr 02 j 12:48	25°♒22'39	
	-4853 Apr 04 j 17:06	0°♓	
asc. node	-4853 Apr 07 j 12:12	6°♓03'16	
superior conj	-4853 Apr 09 j 13:50	10°♓34'16	0°21'19
minimum elong	-4853 Apr 09 j 12:55	10°♓29'13	0°21'01
max. Earth dist.	-4853 Apr 10 j 03:26	11°♓48'31	1.32763 AU
evening rise	-4853 Apr 16 j 17:06	25°♓50'52	
	-4853 Apr 18 j 17:57	0°♈	
	-4853 May 06 j 04:24	0°♉	
evening max el	-4853 May 17 j 10:38	13°♉31'53	26°58'20
desc. node	-4853 May 20 j 14:24	16°♉17'37	
retrograde	-4853 May 31 j 10:42	20°♉53'45	
evening set	-4853 Jun 07 j 05:36	18°♉49'52	
min. Earth dist.	-4853 Jun 11 j 00:09	16°♉05'39	0.60927 AU
inferior conj	-4853 Jun 14 j 06:42	13°♉15'58	-4°-13'-1
minimum elong	-4853 Jun 14 j 07:24	13°♉14'26	4°12'51
morning rise	-4853 Jun 21 j 12:13	8°♉26'17	
direct	-4853 Jun 24 j 00:23	8°♉00'54	
morning max el	-4853 Jul 01 j 01:52	11°♉29'28	18°05'15
asc. node	-4853 Jul 04 j 12:03	15°♉27'17	
	-4853 Jul 13 j 09:59	0°♊	
morning set	-4853 Jul 17 j 01:49	6°♊43'53	
superior conj	-4853 Jul 27 j 06:16	25°♊18'07	1°43'34
minimum elong	-4853 Jul 27 j 09:10	25°♊30'56	1°43'40
	-4853 Jul 29 j 22:36	0°♋	
max. Earth dist.	-4853 Aug 03 j 18:44	8°♋14'42	1.41688 AU
evening rise	-4853 Aug 09 j 17:42	17°♋59'54	
desc. node	-4853 Aug 16 j 13:17	28°♋41'02	
	-4853 Aug 17 j 09:56	0°♌	
greatest brilliancy	-4853 Sep 06 j 23:45	28°♌55'26	-0.3m
	-4853 Sep 07 j 21:13	0°♍	
evening max el	-4853 Sep 11 j 17:09	4°♍14'24	22°22'44
retrograde	-4853 Sep 21 j 05:55	9°♍53'47	
evening set	-4853 Sep 25 j 18:21	8°♍05'11	
asc. node	-4853 Sep 30 j 11:07	2°♍40'42	
inferior conj	-4853 Oct 01 j 02:41	1°♍47'05	0°13'16
minimum elong	-4853 Oct 01 j 02:22	1°♍48'10	0°13'16
transit middle	-4853 Oct 01 j 02:22	1°♍48'10	0°13'16
transit begin	-4853 Oct 01 j 00:47	1°♍53'37	
transit end	-4853 Oct 01 j 03:57	1°♍42'42	
min. Earth dist.	-4853 Oct 01 j 02:47	1°♍46'45	0.67370 AU
	-4853 Oct 02 j 09:59	30°℞♌	
morning rise	-4853 Oct 06 j 10:15	25°♌30'30	
direct	-4853 Oct 10 j 23:14	23°♌40'32	
morning max el	-4853 Oct 20 j 12:08	29°♌21'28	22°24'23
	-4853 Oct 21 j 03:03	0°♍	
greatest brilliancy	-4853 Oct 25 j 05:32	4°♍41'49	-0.3m
	-4853 Nov 12 j 07:31	0°♎	
desc. node	-4853 Nov 12 j 13:18	0°♎21'53	
morning set	-4853 Nov 22 j 18:14	16°♎21'11	
max. Earth dist.	-4853 Nov 28 j 08:49	25°♎37'32	1.40810 AU
	-4853 Nov 30 j 22:24	0°♏	
superior conj	-4853 Dec 06 j 02:52	9°♏06'28	-1°-51'-28
minimum elong	-4853 Dec 06 j 01:12	8°♏58'59	1°51'36
evening rise	-4853 Dec 16 j 06:00	27°♏48'10	
	-4853 Dec 17 j 10:08	0°♐	
asc. node	-4853 Dec 27 j 09:48	17°♐25'02	
evening max el	-4852 Jan 01 j 11:32	23°♐46'31	18°17'55
retrograde	-4852 Jan 08 j 16:02	27°♐21'35	
evening set	-4852 Jan 11 j 04:54	26°♐55'51	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4852 Jan 18 j 08:48	22°♐12'05	4°03'33	
minimum elong	-4852 Jan 18 j 09:43	22°♐10'06	4°03'16	
min. Earth dist.	-4852 Jan 21 j 16:25	19°♐22'35	0.59782 AU	
morning rise	-4852 Jan 25 j 11:32	16°♐40'47		
direct	-4852 Feb 01 j 01:50	14°♐43'45		
desc. node	-4852 Feb 08 j 12:59	17°♐01'00		
morning max el	-4852 Feb 15 j 06:18	22°♐18'56	27°05'28	
	-4852 Feb 22 j 01:59	0°♑		
	-4852 Mar 11 j 19:09	0°♒		
morning set	-4852 Mar 16 j 22:33	10°♒17'42		
max. Earth dist.	-4852 Mar 23 j 17:09	24°♒49'51	1.32610 AU	
superior conj	-4852 Mar 24 j 01:38	25°♒36'11	0°-3'-17	
minimum elong	-4852 Mar 24 j 01:47	25°♒37'00	0°03'25	
behind sun begin	-4852 Mar 23 j 20:52	25°♒10'10		
behind sun end	-4852 Mar 24 j 06:41	26°♒03'50		
asc. node	-4852 Mar 24 j 09:12	26°♒17'39		
	-4852 Mar 26 j 01:53	0°♓		
evening rise	-4852 Mar 31 j 02:15	10°♓45'59		
	-4852 Apr 10 j 01:25	0°♈		
evening max el	-4852 Apr 28 j 09:38	25°♈08'26	26°00'48	
	-4852 May 04 j 14:54	0°♉		
desc. node	-4852 May 06 j 11:33	0°♉58'59		
retrograde	-4852 May 12 j 11:47	2°♉24'48		
evening set	-4852 May 18 j 11:04	0°♉57'44		
	-4852 May 20 j 06:09	30°℞♈		
min. Earth dist.	-4852 May 22 j 22:15	28°♈14'06	0.58895 AU	
inferior conj	-4852 May 26 j 06:41	25°♈43'39	-4°-4'-8	
minimum elong	-4852 May 26 j 04:12	25°♈48'20	4°03'50	
morning rise	-4852 Jun 03 j 01:12	21°♈16'06		
direct	-4852 Jun 05 j 12:27	20°♈55'31		
morning max el	-4852 Jun 13 j 10:07	24°♈40'47	18°33'05	
	-4852 Jun 17 j 22:10	0°♉		
asc. node	-4852 Jun 20 j 09:03	3°♉41'04		
morning set	-4852 Jun 29 j 14:42	20°♉24'07		
	-4852 Jul 04 j 14:18	0°♊		
superior conj	-4852 Jul 08 j 16:33	7°♊44'12	1°49'27	
minimum elong	-4852 Jul 08 j 16:44	7°♊45'01	1°49'40	
max. Earth dist.	-4852 Jul 15 j 22:05	20°♊47'37	1.39794 AU	
evening rise	-4852 Jul 20 j 06:25	28°♊14'30		
	-4852 Jul 21 j 07:40	0°♋		
desc. node	-4852 Aug 02 j 10:19	19°♋07'01		
	-4852 Aug 09 j 22:55	0°♌		
evening max el	-4852 Aug 24 j 06:03	17°♌39'39	23°43'33	
retrograde	-4852 Sep 03 j 21:57	23°♌57'30		
evening set	-4852 Sep 09 j 00:55	21°♌48'43		
inferior conj	-4852 Sep 14 j 09:05	15°♌28'30	0°-39'-58	
minimum elong	-4852 Sep 14 j 10:01	15°♌25'22	0°39'24	
min. Earth dist.	-4852 Sep 13 j 22:53	16°♌03'20	0.67337 AU	
asc. node	-4852 Sep 16 j 08:16	12°♌51'35		
morning rise	-4852 Sep 19 j 19:15	9°♌16'24		
direct	-4852 Sep 23 j 18:47	7°♌47'05		
morning max el	-4852 Oct 02 j 05:33	12°♌46'00	21°04'19	
greatest brilliancy	-4852 Oct 07 j 20:25	19°♌21'33	-0.5m	
	-4852 Oct 15 j 13:34	0°♍		
desc. node	-4852 Oct 29 j 10:12	20°♍47'34		
morning set	-4852 Nov 01 j 02:07	24°♍56'01		
	-4852 Nov 04 j 07:18	0°♎		
max. Earth dist.	-4852 Nov 09 j 13:35	8°♎27'35	1.42639 AU	
superior conj	-4852 Nov 16 j 11:40	19°♎57'58	-1°-37'-48	
minimum elong	-4852 Nov 16 j 06:31	19°♎36'09	1°37'30	
	-4852 Nov 22 j 07:07	0°♏		
evening rise	-4852 Nov 28 j 03:23	10°♏23'08		
	-4852 Dec 09 j 13:48	0°♐		
asc. node	-4852 Dec 13 j 06:57	5°♐03'44		
evening max el	-4852 Dec 14 j 22:19	6°♐51'39	18°07'49	
retrograde	-4852 Dec 21 j 14:55	10°♐20'26		
evening set	-4852 Dec 24 j 06:10	9°♐47'54		
inferior conj	-4852 Dec 30 j 21:53	4°♐42'19	4°01'35	
minimum elong	-4852 Dec 30 j 20:20	4°♐46'06	4°01'16	
min. Earth dist.	-4851 Jan 02 j 20:17	1°♐50'13	0.61747 AU	
	-4851 Jan 04 j 22:08	30°℞♏		
morning rise	-4851 Jan 06 j 08:15	28°♏55'11		
direct	-4851 Jan 13 j 08:54	26°♏26'18		
	-4851 Jan 22 j 13:04	0°♐		
desc. node	-4851 Jan 25 j 10:02	2°♐18'26		
morning max el	-4851 Jan 27 j 09:01	4°♐07'46	27°38'38	
	-4851 Feb 15 j 16:11	0°♑		
morning set	-4851 Mar 01 j 04:09	24°♑57'30		
	-4851 Mar 03 j 14:31	0°♒		
max. Earth dist.	-4851 Mar 07 j 04:50	7°♒40'41	1.32793 AU	
superior conj	-4851 Mar 08 j 12:27	10°♒32'10	0°-28'-5	
minimum elong	-4851 Mar 08 j 13:42	10°♒38'57	0°28'03	
asc. node	-4851 Mar 11 j 06:11	16°♒29'48		
evening rise	-4851 Mar 15 j 13:28	25°♒43'55		
	-4851 Mar 17 j 14:48	0°♓		
	-4851 Apr 04 j 13:59	0°♈		
evening max el	-4851 Apr 10 j 03:04	6°♈08'17	24°39'08	
desc. node	-4851 Apr 23 j 08:42	13°♈10'36		
retrograde	-4851 Apr 24 j 02:14	13°♈11'50		
evening set	-4851 Apr 28 j 19:50	12°♈20'57		
min. Earth dist.	-4851 May 04 j 15:12	9°♈22'20	0.57038 AU	
inferior conj	-4851 May 07 j 10:59	7°♈32'05	-3°-21'-55	
minimum elong	-4851 May 07 j 05:41	7°♈40'45	3°20'49	
morning rise	-4851 May 15 j 19:46	3°♈23'50		
direct	-4851 May 18 j 06:12	3°♈07'11		
morning max el	-4851 May 27 j 10:57	7°♈24'06	19°21'12	
asc. node	-4851 Jun 07 j 06:02	22°♈33'47		
	-4851 Jun 11 j 05:09	0°♉		
morning set	-4851 Jun 13 j 13:06	4°♉35'26		
superior conj	-4851 Jun 21 j 20:06	21°♉04'13	1°45'25	
minimum elong	-4851 Jun 21 j 18:25	20°♉56'01	1°45'32	
	-4851 Jun 26 j 12:13	0°♊		
max. Earth dist.	-4851 Jun 27 j 23:28	2°♊43'31	1.37866 AU	
evening rise	-4851 Jul 01 j 21:23	9°♊46'59		
	-4851 Jul 14 j 02:26	0°♋		
desc. node	-4851 Jul 20 j 07:20	9°♋17'46		
	-4851 Aug 05 j 13:55	0°♌		
evening max el	-4851 Aug 06 j 16:39	1°♌07'41	25°02'07	
retrograde	-4851 Aug 18 j 10:06	7°♌57'50		
evening set	-4851 Aug 24 j 04:10	5°♌30'31		
min. Earth dist.	-4851 Aug 28 j 16:52	0°♌21'03	0.66993 AU	
	-4851 Aug 28 j 23:15	30°℞♋		
inferior conj	-4851 Aug 29 j 13:55	29°♋11'31	-1°-32'-6	
minimum elong	-4851 Aug 29 j 16:00	29°♋04'37	1°31'04	
asc. node	-4851 Sep 03 j 05:23	23°♋50'51		
morning rise	-4851 Sep 04 j 04:17	23°♋07'00		
direct	-4851 Sep 07 j 16:26	21°♋55'48		
morning max el	-4851 Sep 15 j 06:04	26°♋19'00	19°55'17	
	-4851 Sep 18 j 11:39	0°♌		
greatest brilliancy	-4851 Sep 22 j 22:37	5°♌55'44	-0.6m	
	-4851 Oct 08 j 23:28	0°♍		
morning set	-4851 Oct 11 j 00:58	3°♍11'34		
desc. node	-4851 Oct 16 j 07:07	11°♍22'59		
max. Earth dist.	-4851 Oct 23 j 01:00	22°♍02'01	1.43995 AU	
superior conj	-4851 Oct 27 j 16:56	29°♍31'36	-1°-7'-57	
minimum elong	-4851 Oct 27 j 10:17	29°♍04'44	1°07'13	
	-4851 Oct 27 j 23:56	0°♎		
evening rise	-4851 Nov 10 j 06:35	22°♎07'04		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4851 Nov 14 j 21:34	0°♏	
evening max el	-4851 Nov 28 j 11:02	20°♏09'18	18°16'54
asc. node	-4851 Nov 30 j 04:04	21°♏42'33	
retrograde	-4851 Dec 05 j 00:29	23°♏42'41	
evening set	-4851 Dec 07 j 19:17	23°♏01'57	
inferior conj	-4851 Dec 14 j 01:09	17°♏36'28	3°40'23
minimum elong	-4851 Dec 13 j 22:15	17°♏44'26	3°39'41
min. Earth dist.	-4851 Dec 16 j 09:51	15°♏00'52	0.63515 AU
morning rise	-4851 Dec 19 j 23:37	11°♏37'40	
direct	-4851 Dec 27 j 00:06	8°♏50'56	
morning max el	-4850 Jan 09 j 16:29	16°♏33'47	27°35'35
desc. node	-4850 Jan 12 j 07:05	19°♏16'53	
	-4850 Jan 20 j 21:37	0°♐	
	-4850 Feb 08 j 08:27	0°♑	
morning set	-4850 Feb 13 j 03:09	9°♑13'37	
max. Earth dist.	-4850 Feb 18 j 10:29	20°♑07'24	1.33352 AU
superior conj	-4850 Feb 20 j 20:38	25°♑16'25	0°-52'-11
minimum elong	-4850 Feb 20 j 22:51	25°♑28'16	0°52'02
	-4850 Feb 23 j 01:26	0°♒	
asc. node	-4850 Feb 26 j 03:11	6°♒35'51	
evening rise	-4850 Feb 28 j 00:58	10°♒38'19	
	-4850 Mar 10 j 03:14	0°♓	
evening max el	-4850 Mar 22 j 19:27	16°♓52'33	23°05'51
retrograde	-4850 Apr 05 j 04:04	23°♓26'51	
evening set	-4850 Apr 08 j 15:02	23°♓00'42	
desc. node	-4850 Apr 10 j 05:53	22°♓31'35	
min. Earth dist.	-4850 Apr 16 j 06:09	19°♓35'21	0.55710 AU
inferior conj	-4850 Apr 17 j 20:04	18°♓39'55	-2°00'-33
minimum elong	-4850 Apr 17 j 15:11	18°♓47'06	1°59'08
morning rise	-4850 Apr 26 j 18:15	14°♓41'44	
direct	-4850 Apr 29 j 05:51	14°♓26'51	
morning max el	-4850 May 10 j 01:50	19°♓30'08	20°29'19
	-4850 May 18 j 09:26	0°♈	
asc. node	-4850 May 25 j 03:00	11°♈55'41	
morning set	-4850 May 28 j 18:08	19°♈09'56	
	-4850 Jun 03 j 00:33	0°♉	
superior conj	-4850 Jun 05 j 11:58	5°♉03'38	1°34'08
minimum elong	-4850 Jun 05 j 09:24	4°♉50'33	1°34'02
max. Earth dist.	-4850 Jun 10 j 05:33	14°♉28'19	1.36136 AU
evening rise	-4850 Jun 14 j 10:22	22°♉26'45	
	-4850 Jun 18 j 14:45	0°♊	
desc. node	-4850 Jul 07 j 04:24	29°♊06'04	
	-4850 Jul 07 j 20:11	0°♋	
evening max el	-4850 Jul 20 j 03:19	14°♋37'33	26°10'23
retrograde	-4850 Aug 01 j 17:34	21°♋49'01	
evening set	-4850 Aug 08 j 02:00	19°♋07'45	
min. Earth dist.	-4850 Aug 12 j 06:19	14°♋36'34	0.66317 AU
inferior conj	-4850 Aug 13 j 15:18	12°♋53'22	-2°-21'-25
minimum elong	-4850 Aug 13 j 18:21	12°♋43'50	2°20'09
morning rise	-4850 Aug 19 j 11:27	6°♋59'40	
asc. node	-4850 Aug 21 j 02:28	6°♋16'19	
direct	-4850 Aug 22 j 14:34	6°♋03'21	
morning max el	-4850 Aug 29 j 13:08	9°♋58'48	19°00'31
	-4850 Sep 12 j 20:18	0°♌	
morning set	-4850 Sep 20 j 13:33	12°♌10'59	
	-4850 Oct 01 j 20:33	0°♍	
desc. node	-4850 Oct 03 j 04:00	2°♍03'52	
max. Earth dist.	-4850 Oct 05 j 17:04	6°♍04'36	1.44710 AU
superior conj	-4850 Oct 06 j 22:40	8°♍01'26	0°-23'-39
minimum elong	-4850 Oct 06 j 19:38	7°♍49'26	0°23'10
	-4850 Oct 20 j 16:56	0°♎	
evening rise	-4850 Oct 22 j 10:44	2°♎49'26	
	-4850 Nov 08 j 22:11	0°♏	
evening max el	-4850 Nov 11 j 23:00	3°♏33'27	18°44'09
asc. node	-4850 Nov 17 j 01:12	7°♏05'48	
retrograde	-4850 Nov 18 j 16:53	7°♏20'57	
evening set	-4850 Nov 21 j 16:56	6°♏29'56	
inferior conj	-4850 Nov 27 j 15:00	0°♏47'03	3°06'17
minimum elong	-4850 Nov 27 j 11:45	0°♏56'51	3°05'17
	-4850 Nov 28 j 06:34	30°℞♎	
min. Earth dist.	-4850 Nov 29 j 09:09	28°♎40'14	0.64962 AU
morning rise	-4850 Dec 03 j 05:26	24°♎39'37	
direct	-4850 Dec 09 j 21:57	21°♎50'11	
morning max el	-4850 Dec 23 j 01:53	29°♎26'04	26°59'44
	-4850 Dec 23 j 15:23	0°♏	
desc. node	-4850 Dec 30 j 04:05	7°♏26'50	
	-4849 Jan 14 j 18:18	0°♐	
morning set	-4849 Jan 27 j 16:22	22°♐55'45	
	-4849 Jan 31 j 06:38	0°♑	
max. Earth dist.	-4849 Feb 01 j 06:36	2°♑00'51	1.34334 AU
superior conj	-4849 Feb 05 j 00:10	9°♑42'23	-1°-14'-28
minimum elong	-4849 Feb 05 j 03:02	9°♑57'23	1°14'18
evening rise	-4849 Feb 12 j 11:04	25°♑23'25	
asc. node	-4849 Feb 13 j 00:11	26°♑31'25	
	-4849 Feb 14 j 16:59	0°♒	
evening max el	-4849 Mar 04 j 16:50	27°♒47'57	21°34'32
	-4849 Mar 07 j 06:46	0°♓	
retrograde	-4849 Mar 16 j 19:16	3°♓36'11	
evening set	-4849 Mar 19 j 10:29	3°♓20'33	
	-4849 Mar 27 j 12:09	30°℞♒	
desc. node	-4849 Mar 28 j 03:03	29°♒39'11	
inferior conj	-4849 Mar 28 j 17:00	29°♒19'34	0°-9'-35
minimum elong	-4849 Mar 28 j 16:33	29°♒20'12	0°09'35
transit middle	-4849 Mar 28 j 16:33	29°♒20'12	0°09'35
transit begin	-4849 Mar 28 j 13:16	29°♒24'49	
transit end	-4849 Mar 28 j 19:49	29°♒15'36	
min. Earth dist.	-4849 Mar 28 j 20:29	29°♒14'40	0.55200 AU
morning rise	-4849 Apr 06 j 22:44	25°♒16'21	
direct	-4849 Apr 09 j 19:15	24°♒58'20	
	-4849 Apr 21 j 05:35	0°♓	
morning max el	-4849 Apr 22 j 05:46	0°♓54'40	21°55'08
	-4849 May 11 j 04:23	0°♈	
asc. node	-4849 May 11 j 23:57	1°♈39'24	
morning set	-4849 May 13 j 03:31	4°♈01'13	
superior conj	-4849 May 20 j 12:31	19°♈31'42	1°17'42
minimum elong	-4849 May 20 j 09:49	19°♈17'32	1°17'24
max. Earth dist.	-4849 May 23 j 21:14	26°♈28'59	1.34735 AU
	-4849 May 25 j 15:01	0°♉	
evening rise	-4849 May 28 j 15:58	5°♉58'40	
	-4849 Jun 11 j 07:16	0°♊	
desc. node	-4849 Jun 24 j 01:29	18°♊22'23	
evening max el	-4849 Jul 02 j 14:45	28°♊03'13	27°00'02
	-4849 Jul 04 j 17:38	0°♋	
retrograde	-4849 Jul 15 j 19:47	5°♋24'55	
evening set	-4849 Jul 22 j 16:02	2°♋37'49	
	-4849 Jul 25 j 09:56	30°℞♊	
min. Earth dist.	-4849 Jul 26 j 12:52	28°♊45'21	0.65280 AU
inferior conj	-4849 Jul 28 j 11:12	26°♊31'07	-3°-5'-47
minimum elong	-4849 Jul 28 j 14:46	26°♊20'45	3°04'34
morning rise	-4849 Aug 03 j 14:42	20°♊51'38	
direct	-4849 Aug 06 j 11:06	20°♊07'03	
asc. node	-4849 Aug 07 j 23:34	20°♊19'35	
morning max el	-4849 Aug 13 j 01:06	23°♊43'04	18°21'59
	-4849 Aug 18 j 02:25	0°♋	
morning set	-4849 Sep 01 j 04:19	22°♋27'11	
	-4849 Sep 05 j 18:57	0°♌	
superior conj	-4849 Sep 15 j 22:43	16°♌19'15	0°25'36
minimum elong	-4849 Sep 16 j 01:54	16°♌31'54	0°25'22

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4849 Sep	18	j 11:10	20°♌18'32	1.44704 AU	desc. node	-4848 Sep	05	j 21:48	13°♌30'42	
desc. node	-4849 Sep	20	j 00:53	22°♌47'20		evening rise	-4848 Sep	10	j 21:10	21°♌15'09	
	-4849 Sep	24	j 14:58	0°♍			-4848 Sep	16	j 13:59	0°♍	
evening rise	-4849 Oct	02	j 13:40	12°♍26'50		greatest brilliancy	-4848 Oct	02	j 01:49	22°♍41'11	-0.6m
	-4849 Oct	13	j 20:31	0°♎			-4848 Oct	08	j 01:13	0°♎	
greatest brilliancy	-4849 Oct	17	j 03:27	4°♎57'28	-0.7m	evening max el	-4848 Oct	08	j 11:15	0°♎26'14	20°27'02
evening max el	-4849 Oct	26	j 07:45	16°♎59'55	19°28'10	retrograde	-4848 Oct	16	j 10:07	5°♎07'10	
retrograde	-4849 Nov	02	j 12:54	21°♎10'10		evening set	-4848 Oct	20	j 03:04	3°♎47'49	
asc. node	-4849 Nov	03	j 22:21	20°♎58'54		asc. node	-4848 Oct	20	j 19:31	3°♎15'41	
evening set	-4849 Nov	05	j 20:19	20°♎06'19			-4848 Oct	23	j 20:13	30°℞♍	
inferior conj	-4849 Nov	11	j 12:23	14°♎09'05	2°23'35	inferior conj	-4848 Oct	25	j 14:51	27°♍39'34	1°35'20
minimum elong	-4849 Nov	11	j 09:29	14°♎18'25	2°22'33	minimum elong	-4848 Oct	25	j 12:46	27°♍46'35	1°34'33
min. Earth dist.	-4849 Nov	12	j 17:03	12°♎36'45	0.66054 AU	min. Earth dist.	-4848 Oct	26	j 07:33	26°♍43'15	0.66805 AU
morning rise	-4849 Nov	16	j 21:54	7°♎55'26		morning rise	-4848 Oct	30	j 21:58	21°♍22'20	
direct	-4849 Nov	23	j 01:33	5°♎15'29		direct	-4848 Nov	05	j 10:33	18°♍59'29	
morning max el	-4849 Dec	05	j 11:16	12°♎33'11	25°57'59	morning max el	-4848 Nov	16	j 20:11	25°♍46'50	24°39'22
desc. node	-4849 Dec	17	j 01:03	26°♎26'51			-4848 Nov	20	j 17:12	0°♎	
	-4849 Dec	19	j 14:34	0°♏		desc. node	-4848 Dec	02	j 21:58	16°♎02'23	
	-4848 Jan	07	j 10:10	0°♐			-4848 Dec	12	j 04:02	0°♏	
morning set	-4848 Jan	10	j 15:29	5°♐50'14		morning set	-4848 Dec	22	j 19:03	17°♏41'59	
max. Earth dist.	-4848 Jan	14	j 15:17	13°♐22'17	1.35765 AU	max. Earth dist.	-4848 Dec	26	j 14:29	24°♏31'11	1.37587 AU
							-4848 Dec	29	j 13:32	0°♐	
superior conj	-4848 Jan	19	j 20:30	23°♐41'28	-1°-33'-27						
minimum elong	-4848 Jan	19	j 23:28	23°♐56'28	1°33'25	superior conj	-4847 Jan	02	j 06:24	7°♐04'21	-1°-47'-12
	-4848 Jan	22	j 22:40	0°♑		minimum elong	-4847 Jan	02	j 08:33	7°♐14'48	1°47'20
evening rise	-4848 Jan	27	j 17:50	9°♑52'18		evening rise	-4847 Jan	10	j 19:07	23°♐58'39	
asc. node	-4848 Jan	30	j 21:14	16°♑10'50			-4847 Jan	13	j 20:40	0°♑	
	-4848 Feb	07	j 15:32	0°♒		asc. node	-4847 Jan	16	j 18:19	5°♑27'57	
evening max el	-4848 Feb	14	j 23:25	9°♒12'09	20°15'24	evening max el	-4847 Jan	27	j 16:24	21°♑11'45	19°14'06
retrograde	-4848 Feb	25	j 10:16	14°♒09'19		retrograde	-4847 Feb	05	j 13:30	25°♑25'41	
evening set	-4848 Feb	27	j 18:57	13°♒55'14		evening set	-4847 Feb	07	j 22:38	25°♑08'46	
inferior conj	-4848 Mar	07	j 14:50	9°♒56'14	1°42'26	inferior conj	-4847 Feb	16	j 02:34	20°♑57'30	3°06'33
minimum elong	-4848 Mar	07	j 18:59	9°♒50'02	1°40'55	minimum elong	-4847 Feb	16	j 07:31	20°♑49'05	3°05'12
min. Earth dist.	-4848 Mar	09	j 10:28	8°♒51'19	0.55619 AU	min. Earth dist.	-4847 Feb	19	j 01:19	18°♑58'17	0.56857 AU
desc. node	-4848 Mar	14	j 00:13	6°♒27'54		morning rise	-4847 Feb	24	j 12:44	16°♑03'05	
morning rise	-4848 Mar	16	j 16:35	5°♒31'29		desc. node	-4847 Feb	28	j 21:22	15°♑06'50	
direct	-4848 Mar	20	j 10:10	5°♒01'01		direct	-4847 Mar	01	j 11:53	15°♑05'58	
morning max el	-4848 Apr	03	j 00:35	11°♒43'51	23°32'25	morning max el	-4847 Mar	15	j 15:37	22°♑20'10	25°09'20
	-4848 Apr	16	j 16:51	0°♓			-4847 Mar	22	j 09:45	0°♒	
morning set	-4848 Apr	26	j 15:14	19°♓01'42			-4847 Apr	09	j 04:12	0°♓	
asc. node	-4848 Apr	27	j 20:54	21°♓37'52		morning set	-4847 Apr	11	j 03:33	4°♓05'11	
	-4848 May	01	j 18:44	0°♈		asc. node	-4847 Apr	14	j 17:52	11°♓46'05	
superior conj	-4848 May	03	j 18:50	4°♈18'19	0°57'38	superior conj	-4847 Apr	18	j 04:42	19°♓16'07	0°35'05
minimum elong	-4848 May	03	j 16:33	4°♈06'06	0°57'13	minimum elong	-4847 Apr	18	j 03:13	19°♓08'01	0°34'42
max. Earth dist.	-4848 May	05	j 22:45	8°♈54'42	1.33692 AU	max. Earth dist.	-4847 Apr	19	j 07:36	21°♓42'02	1.33004 AU
evening rise	-4848 May	11	j 09:22	20°♈07'14			-4847 Apr	23	j 04:47	0°♈	
	-4848 May	16	j 12:27	0°♉		evening rise	-4847 Apr	25	j 10:58	4°♈41'02	
	-4848 Jun	04	j 08:36	0°♊			-4847 May	09	j 05:23	0°♉	
desc. node	-4848 Jun	09	j 22:37	6°♊52'32		evening max el	-4847 May	27	j 09:11	23°♉51'40	27°17'03
evening max el	-4848 Jun	14	j 01:30	11°♊12'15	27°24'01	desc. node	-4847 May	27	j 19:48	24°♉16'49	
retrograde	-4848 Jun	27	j 16:20	18°♊37'07			-4847 Jun	04	j 20:55	0°♊	
evening set	-4848 Jul	04	j 19:09	15°♊55'36		retrograde	-4847 Jun	10	j 06:39	1°♊16'04	
min. Earth dist.	-4848 Jul	08	j 10:30	12°♊38'18	0.63851 AU		-4847 Jun	15	j 10:16	30°℞♉	
inferior conj	-4848 Jul	10	j 23:03	9°♊59'24	-3°-42'-22	evening set	-4847 Jun	17	j 07:37	28°♉54'16	
minimum elong	-4848 Jul	11	j 02:24	9°♊50'32	3°41'31	min. Earth dist.	-4847 Jun	20	j 22:19	26°♉02'22	0.62066 AU
morning rise	-4848 Jul	17	j 11:27	4°♊37'26		inferior conj	-4847 Jun	23	j 23:46	23°♉11'06	-4°-6'-52
direct	-4848 Jul	20	j 03:17	4°♊01'55		minimum elong	-4847 Jun	24	j 01:50	23°♉06'16	4°06'30
asc. node	-4848 Jul	24	j 20:37	5°♊52'38		morning rise	-4847 Jun	30	j 22:38	18°♉09'24	
morning max el	-4848 Jul	26	j 15:38	7°♊27'20	18°00'57	direct	-4847 Jul	03	j 11:41	17°♉40'52	
	-4848 Aug	10	j 13:59	0°♋		morning max el	-4847 Jul	10	j 05:59	21°♉05'11	17°58'13
morning set	-4848 Aug	12	j 21:13	3°♋58'05		asc. node	-4847 Jul	11	j 17:39	22°♉40'08	
							-4847 Jul	16	j 23:59	0°♊	
superior conj	-4848 Aug	25	j 15:25	25°♋28'48	1°07'11	morning set	-4847 Jul	26	j 11:11	16°♊29'21	
minimum elong	-4848 Aug	25	j 21:22	25°♋53'12	1°06'47		-4847 Aug	03	j 00:32	0°♋	
	-4848 Aug	28	j 10:02	0°♌							
max. Earth dist.	-4848 Aug	31	j 03:49	4°♌24'34	1.43983 AU	superior conj	-4847 Aug	06	j 11:17	5°♋59'26	1°34'30

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4847 Aug 06 j 15:48	6°♋18'51	1°34'24
max. Earth dist.	-4847 Aug 13 j 15:32	18°♋02'06	1.42653 AU
evening rise	-4847 Aug 21 j 02:10	29°♋58'24	
	-4847 Aug 21 j 02:34	0°♌	
desc. node	-4847 Aug 23 j 18:46	4°♌10'24	
	-4847 Sep 10 j 05:53	0°♍	
greatest brilliancy	-4847 Sep 16 j 08:32	8°♍06'57	-0.4m
evening max el	-4847 Sep 21 j 08:25	13°♍50'54	21°38'02
retrograde	-4847 Sep 30 j 06:28	19°♍08'37	
evening set	-4847 Oct 04 j 11:08	17°♍31'18	
asc. node	-4847 Oct 07 j 16:41	14°♍08'24	
inferior conj	-4847 Oct 09 j 20:16	11°♍15'38	0°43'43
minimum elong	-4847 Oct 09 j 19:16	11°♍19'05	0°43'25
min. Earth dist.	-4847 Oct 10 j 02:15	10°♍54'59	0.67246 AU
morning rise	-4847 Oct 15 j 03:07	4°♍57'42	
direct	-4847 Oct 20 j 00:23	2°♍55'31	
morning max el	-4847 Oct 30 j 05:57	9°♍02'28	23°13'25
greatest brilliancy	-4847 Nov 04 j 12:02	14°♍58'13	-0.3m
	-4847 Nov 15 j 15:56	0°♎	
desc. node	-4847 Nov 19 j 18:53	6°♎02'38	
morning set	-4847 Dec 03 j 20:55	28°♎14'59	
	-4847 Dec 04 j 22:01	0°♏	
max. Earth dist.	-4847 Dec 08 j 10:20	5°♏59'35	1.39631 AU
superior conj	-4847 Dec 16 j 01:29	19°♏38'47	-1°-53'-2
minimum elong	-4847 Dec 16 j 01:35	19°♏39'15	1°53'14
	-4847 Dec 21 j 13:29	0°♐	
evening rise	-4847 Dec 25 j 12:13	7°♐34'49	
asc. node	-4846 Jan 03 j 15:25	24°♐14'33	
	-4846 Jan 07 j 12:35	0°♑	
evening max el	-4846 Jan 10 j 18:22	3°♑42'47	18°32'42
retrograde	-4846 Jan 18 j 10:37	7°♑27'39	
evening set	-4846 Jan 20 j 22:02	7°♑05'34	
inferior conj	-4846 Jan 28 j 10:08	2°♑34'50	3°52'36
minimum elong	-4846 Jan 28 j 12:46	2°♑29'37	3°52'05
	-4846 Jan 31 j 17:17	30°℞♐	
min. Earth dist.	-4846 Jan 31 j 18:58	29°♐56'51	0.58638 AU
morning rise	-4846 Feb 04 j 23:59	27°♐14'48	
direct	-4846 Feb 11 j 02:50	25°♐39'38	
desc. node	-4846 Feb 15 j 18:29	26°♐32'56	
	-4846 Feb 21 j 17:19	0°♑	
morning max el	-4846 Feb 25 j 08:47	3°♑10'35	26°30'54
	-4846 Mar 16 j 17:42	0°♒	
morning set	-4846 Mar 26 j 14:45	19°♒05'11	
	-4846 Mar 31 j 16:58	0°♓	
asc. node	-4846 Apr 01 j 14:52	1°♓59'33	
superior conj	-4846 Apr 02 j 16:16	4°♓18'31	0°11'00
minimum elong	-4846 Apr 02 j 15:48	4°♓15'53	0°10'45
behind sun begin	-4846 Apr 02 j 12:07	3°♓55'46	
behind sun end	-4846 Apr 02 j 19:28	4°♓36'01	
max. Earth dist.	-4846 Apr 02 j 20:26	4°♓41'18	1.32650 AU
evening rise	-4846 Apr 09 j 18:00	19°♓30'48	
	-4846 Apr 14 j 23:40	0°♈	
	-4846 May 04 j 01:41	0°♉	
evening max el	-4846 May 09 j 11:47	5°♉52'57	26°37'27
desc. node	-4846 May 14 j 16:58	10°♉08'07	
retrograde	-4846 May 23 j 13:33	13°♉13'48	
evening set	-4846 May 30 j 01:23	11°♉24'51	
min. Earth dist.	-4846 Jun 03 j 01:07	8°♉42'52	0.60057 AU
inferior conj	-4846 Jun 06 j 09:54	5°♉58'21	-4°-12'-44
minimum elong	-4846 Jun 06 j 09:21	5°♉59'29	4°12'36
morning rise	-4846 Jun 13 j 20:48	1°♉18'16	
direct	-4846 Jun 16 j 08:20	0°♉55'12	
morning max el	-4846 Jun 23 j 17:22	4°♉29'31	18°14'35
asc. node	-4846 Jun 28 j 14:40	10°♉26'55	
morning set	-4846 Jul 09 j 17:03	29°♉48'18	
	-4846 Jul 09 j 19:32	0°♊	
superior conj	-4846 Jul 19 j 09:08	17°♊48'09	1°47'28
minimum elong	-4846 Jul 19 j 10:48	17°♊55'43	1°47'39
	-4846 Jul 26 j 07:27	0°♋	
max. Earth dist.	-4846 Jul 26 j 21:20	0°♋59'12	1.40901 AU
evening rise	-4846 Aug 01 j 00:19	9°♋31'41	
desc. node	-4846 Aug 10 j 15:47	24°♋43'05	
	-4846 Aug 14 j 04:15	0°♌	
greatest brilliancy	-4846 Aug 29 j 22:09	21°♌35'09	-0.3m
evening max el	-4846 Sep 03 j 23:54	27°♌16'08	22°56'55
	-4846 Sep 06 j 23:28	0°♍	
retrograde	-4846 Sep 14 j 00:27	3°♍12'38	
evening set	-4846 Sep 18 j 18:46	1°♍15'41	
	-4846 Sep 20 j 02:52	30°℞♌	
inferior conj	-4846 Sep 24 j 02:50	24°♌56'11	0°-9'-20
minimum elong	-4846 Sep 24 j 03:03	24°♌55'28	0°09'06
transit middle	-4846 Sep 24 j 03:03	24°♌55'28	0°09'06
transit begin	-4846 Sep 24 j 00:48	25°♌03'12	
transit end	-4846 Sep 24 j 05:18	24°♌47'43	
min. Earth dist.	-4846 Sep 23 j 22:39	25°♌10'40	0.67392 AU
asc. node	-4846 Sep 24 j 13:49	24°♌18'25	
morning rise	-4846 Sep 29 j 11:17	18°♌40'50	
direct	-4846 Oct 03 j 18:19	16°♌59'45	
morning max el	-4846 Oct 12 j 19:40	22°♌22'40	21°49'07
greatest brilliancy	-4846 Oct 17 j 18:44	28°♌03'23	-0.4m
	-4846 Oct 19 j 07:28	0°♍	
desc. node	-4846 Nov 06 j 15:47	26°♍20'50	
	-4846 Nov 09 j 00:42	0°♎	
morning set	-4846 Nov 13 j 18:18	7°♎26'08	
max. Earth dist.	-4846 Nov 20 j 10:24	18°♎16'37	1.41632 AU
	-4846 Nov 27 j 07:54	0°♏	
superior conj	-4846 Nov 28 j 00:27	1°♏12'11	-1°-47'-32
minimum elong	-4846 Nov 27 j 21:17	0°♏58'20	1°47'30
evening rise	-4846 Dec 08 j 17:54	20°♏34'18	
	-4846 Dec 13 j 21:53	0°♐	
asc. node	-4846 Dec 21 j 12:31	12°♐21'25	
evening max el	-4846 Dec 25 j 02:49	16°♐38'10	18°11'18
retrograde	-4845 Jan 01 j 00:58	20°♐08'43	
evening set	-4845 Jan 03 j 14:51	19°♐40'13	
inferior conj	-4845 Jan 10 j 13:16	14°♐47'22	4°05'33
minimum elong	-4845 Jan 10 j 13:01	14°♐47'55	4°05'19
min. Earth dist.	-4845 Jan 13 j 18:03	11°♐53'48	0.60631 AU
morning rise	-4845 Jan 17 j 08:31	9°♐08'53	
direct	-4845 Jan 24 j 04:53	6°♐56'30	
desc. node	-4845 Feb 02 j 15:33	10°♐35'52	
morning max el	-4845 Feb 07 j 07:36	14°♐35'05	27°23'59
	-4845 Feb 19 j 19:22	0°♑	
	-4845 Mar 09 j 00:58	0°♒	
morning set	-4845 Mar 10 j 22:57	3°♒54'23	
max. Earth dist.	-4845 Mar 17 j 09:34	17°♒39'02	1.32637 AU
superior conj	-4845 Mar 18 j 03:50	19°♒18'41	0°-13'-49
minimum elong	-4845 Mar 18 j 04:27	19°♒22'04	0°13'52
behind sun begin	-4845 Mar 18 j 02:02	19°♒08'53	
behind sun end	-4845 Mar 18 j 06:52	19°♒35'16	
asc. node	-4845 Mar 19 j 11:50	22°♒13'32	
	-4845 Mar 23 j 01:47	0°♓	
evening rise	-4845 Mar 25 j 04:13	4°♓28'00	
	-4845 Apr 07 j 22:00	0°♈	
evening max el	-4845 Apr 21 j 08:21	17°♈13'30	25°28'35
desc. node	-4845 May 01 j 14:09	23°♈50'37	
retrograde	-4845 May 05 j 10:26	24°♈25'32	
evening set	-4845 May 10 j 21:44	23°♈14'58	
min. Earth dist.	-4845 May 15 j 20:55	20°♈26'25	0.58061 AU
inferior conj	-4845 May 19 j 01:50	18°♈10'57	-3°-50'-54

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4845 May 18 j 21:58	18°♈17'50	3°50'19
morning rise	-4845 May 27 j 02:16	13°♈51'51	
direct	-4845 May 29 j 13:02	13°♈33'07	
morning max el	-4845 Jun 06 j 22:46	17°♈30'20	18°50'57
asc. node	-4845 Jun 15 j 11:39	28°♈58'55	
	-4845 Jun 16 j 02:00	0°♉	
morning set	-4845 Jun 23 j 10:26	13°♉43'21	
	-4845 Jul 01 j 19:11	0°♊	
superior conj	-4845 Jul 02 j 03:25	0°♊39'11	1°48'46
minimum elong	-4845 Jul 02 j 02:41	0°♊35'43	1°48'58
max. Earth dist.	-4845 Jul 08 j 23:17	13°♊15'01	1.38971 AU
evening rise	-4845 Jul 13 j 00:33	20°♊20'41	
	-4845 Jul 18 j 19:28	0°♋	
desc. node	-4845 Jul 28 j 12:49	15°♋03'34	
	-4845 Aug 08 j 06:30	0°♌	
evening max el	-4845 Aug 17 j 11:41	10°♌43'21	24°17'42
retrograde	-4845 Aug 28 j 14:47	17°♌15'25	
evening set	-4845 Sep 03 j 00:08	14°♌58'41	
inferior conj	-4845 Sep 08 j 08:48	8°♌38'47	-1°-2'-16
minimum elong	-4845 Sep 08 j 10:14	8°♌33'57	1°01'30
min. Earth dist.	-4845 Sep 07 j 18:11	9°♌28'07	0.67237 AU
asc. node	-4845 Sep 11 j 10:55	4°♌43'47	
morning rise	-4845 Sep 13 j 20:32	2°♌29'23	
direct	-4845 Sep 17 j 15:03	1°♌07'56	
morning max el	-4845 Sep 25 j 15:55	5°♌50'24	20°33'15
greatest brilliancy	-4845 Oct 02 j 00:19	13°♌28'22	-0.5m
	-4845 Oct 13 j 12:08	0°♍	
morning set	-4845 Oct 23 j 19:30	15°♍44'30	
desc. node	-4845 Oct 24 j 12:42	16°♍51'21	
	-4845 Nov 01 j 20:23	0°♎	
max. Earth dist.	-4845 Nov 02 j 18:16	1°♎28'00	1.43292 AU
superior conj	-4845 Nov 08 j 21:47	11°♎31'24	-1°-27'-10
minimum elong	-4845 Nov 08 j 15:32	11°♎05'28	1°26'39
	-4845 Nov 19 j 17:31	0°♏	
evening rise	-4845 Nov 21 j 08:06	2°♏48'53	
asc. node	-4845 Dec 08 j 09:37	29°♏36'46	
evening max el	-4845 Dec 08 j 14:49	29°♏50'04	18°09'26
	-4845 Dec 08 j 18:49	0°♐	
retrograde	-4845 Dec 15 j 04:53	3°♐19'14	
evening set	-4845 Dec 17 j 21:37	2°♐43'15	
	-4845 Dec 21 j 19:28	30°℞♏	
inferior conj	-4845 Dec 24 j 08:50	27°♏28'50	3°54'32
minimum elong	-4845 Dec 24 j 06:35	27°♏34'39	3°54'03
min. Earth dist.	-4845 Dec 27 j 01:39	24°♏42'04	0.62535 AU
morning rise	-4845 Dec 30 j 13:39	21°♏36'38	
direct	-4844 Jan 06 j 15:31	18°♏58'25	
morning max el	-4844 Jan 20 j 12:27	26°♏40'19	27°41'46
desc. node	-4844 Jan 20 j 12:36	26°♏40'42	
	-4844 Jan 23 j 16:26	0°♐	
	-4844 Feb 13 j 08:04	0°♑	
morning set	-4844 Feb 23 j 02:03	18°♑25'20	
	-4844 Feb 28 j 15:09	0°♒	
max. Earth dist.	-4844 Feb 28 j 19:15	0°♒21'54	1.32982 AU
superior conj	-4844 Mar 01 j 13:45	4°♒10'45	0°-38'-27
minimum elong	-4844 Mar 01 j 15:26	4°♒19'51	0°38'20
asc. node	-4844 Mar 05 j 08:49	12°♒24'04	
evening rise	-4844 Mar 08 j 15:47	19°♒25'46	
	-4844 Mar 13 j 21:09	0°♓	
evening max el	-4844 Apr 02 j 00:45	28°♓04'05	24°00'08
	-4844 Apr 04 j 04:48	0°♈	
retrograde	-4844 Apr 15 j 19:05	4°♈56'48	
desc. node	-4844 Apr 17 j 11:17	4°♈50'28	
evening set	-4844 Apr 19 j 23:18	4°♈18'11	
min. Earth dist.	-4844 Apr 26 j 12:31	1°♈09'53	0.56394 AU
	-4844 Apr 28 j 09:55	30°℞♓	
inferior conj	-4844 Apr 28 j 21:35	29°♓41'53	-2°-52'-11
minimum elong	-4844 Apr 28 j 15:55	29°♓50'41	2°50'47
morning rise	-4844 May 07 j 12:21	25°♓39'22	
direct	-4844 May 09 j 23:06	25°♓23'41	
	-4844 May 19 j 20:10	0°♈	
morning max el	-4844 May 19 j 19:30	29°♓58'27	19°47'45
asc. node	-4844 Jun 01 j 08:39	18°♈05'22	
morning set	-4844 Jun 06 j 12:00	28°♈05'55	
	-4844 Jun 07 j 10:38	0°♉	
superior conj	-4844 Jun 14 j 12:45	14°♉17'41	1°41'23
minimum elong	-4844 Jun 14 j 10:35	14°♉06'55	1°41'24
max. Earth dist.	-4844 Jun 20 j 02:21	25°♉04'45	1.37105 AU
	-4844 Jun 22 j 17:56	0°♊	
evening rise	-4844 Jun 24 j 01:33	2°♊23'40	
	-4844 Jul 10 j 21:30	0°♋	
desc. node	-4844 Jul 14 j 09:51	5°♋05'56	
evening max el	-4844 Jul 29 j 22:12	24°♋13'04	25°32'47
	-4844 Aug 06 j 10:48	0°♌	
retrograde	-4844 Aug 11 j 00:50	1°♌12'51	
	-4844 Aug 15 j 05:04	30°℞♋	
evening set	-4844 Aug 17 j 01:21	28°♋38'46	
min. Earth dist.	-4844 Aug 21 j 10:25	23°♋45'35	0.66760 AU
inferior conj	-4844 Aug 22 j 12:24	22°♋21'37	-1°-53'-27
minimum elong	-4844 Aug 22 j 14:56	22°♋13'25	1°52'18
morning rise	-4844 Aug 28 j 05:03	16°♋21'28	
asc. node	-4844 Aug 28 j 08:02	16°♋16'45	
direct	-4844 Aug 31 j 13:09	15°♋16'55	
morning max el	-4844 Sep 07 j 19:24	19°♋26'45	19°30'04
	-4844 Sep 16 j 01:32	0°♌	
greatest brilliancy	-4844 Sep 17 j 00:02	1°♌21'49	-0.7m
morning set	-4844 Oct 01 j 21:47	24°♌12'36	
	-4844 Oct 05 j 14:49	0°♍	
desc. node	-4844 Oct 10 j 09:34	7°♍29'29	
max. Earth dist.	-4844 Oct 15 j 08:36	15°♍19'00	1.44389 AU
superior conj	-4844 Oct 18 j 15:42	20°♍33'39	0°-50'-30
minimum elong	-4844 Oct 18 j 09:55	20°♍10'34	0°49'47
	-4844 Oct 24 j 12:15	0°♎	
evening rise	-4844 Nov 02 j 02:02	14°♎08'04	
	-4844 Nov 11 j 15:52	0°♏	
evening max el	-4844 Nov 21 j 03:31	13°♏10'55	18°26'19
asc. node	-4844 Nov 24 j 06:45	15°♏45'33	
retrograde	-4844 Nov 27 j 17:56	16°♏49'22	
evening set	-4844 Nov 30 j 14:46	16°♏04'26	
inferior conj	-4844 Dec 06 j 17:02	10°♏30'52	3°27'12
minimum elong	-4844 Dec 06 j 13:53	10°♏39'55	3°26'21
min. Earth dist.	-4844 Dec 08 j 19:21	8°♏06'45	0.64171 AU
morning rise	-4844 Dec 12 j 11:38	4°♏28'02	
direct	-4844 Dec 19 j 09:21	1°♏38'49	
morning max el	-4843 Jan 01 j 21:13	9°♏19'33	27°24'08
desc. node	-4843 Jan 06 j 09:37	14°♏12'41	
	-4843 Jan 18 j 03:28	0°♐	
	-4843 Feb 04 j 14:53	0°♑	
morning set	-4843 Feb 05 j 21:18	2°♑28'14	
max. Earth dist.	-4843 Feb 10 j 21:29	12°♑36'21	1.33719 AU
superior conj	-4843 Feb 13 j 20:10	18°♑47'42	-1°-1'-57
minimum elong	-4843 Feb 13 j 22:43	19°♑01'11	1°01'45
	-4843 Feb 19 j 02:13	0°♒	
asc. node	-4843 Feb 20 j 05:49	2°♒26'11	
evening rise	-4843 Feb 21 j 02:54	4°♒16'54	
	-4843 Mar 07 j 09:01	0°♓	
evening max el	-4843 Mar 14 j 18:17	8°♓48'44	22°25'58
retrograde	-4843 Mar 27 j 15:44	15°♓05'33	
evening set	-4843 Mar 30 j 16:43	14°♓45'12	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4843 Apr 04 j 08:28	13°♓04'55	
min. Earth dist.	-4843 Apr 08 j 02:43	11°♓04'38	0.55381 AU
inferior conj	-4843 Apr 09 j 00:02	10°♓34'18	-1°-15'-44
minimum elong	-4843 Apr 08 j 20:40	10°♓39'06	1°14'43
morning rise	-4843 Apr 18 j 02:36	6°♓36'37	
direct	-4843 Apr 20 j 16:39	6°♓21'16	
morning max el	-4843 May 02 j 05:42	11°♓46'27	21°04'04
	-4843 May 15 j 05:47	0°♈	
asc. node	-4843 May 19 j 05:37	7°♈37'17	
morning set	-4843 May 21 j 19:07	12°♈48'20	
superior conj	-4843 May 29 j 08:43	28°♈30'40	1°27'42
minimum elong	-4843 May 29 j 06:01	28°♈16'42	1°27'30
	-4843 May 30 j 02:08	0°♉	
max. Earth dist.	-4843 Jun 02 j 12:09	6°♉53'44	1.35491 AU
evening rise	-4843 Jun 06 j 22:12	15°♉27'10	
	-4843 Jun 15 j 00:55	0°♊	
desc. node	-4843 Jul 01 j 06:54	24°♊42'22	
	-4843 Jul 05 j 10:08	0°♋	
evening max el	-4843 Jul 12 j 09:05	7°♋42'03	26°34'07
retrograde	-4843 Jul 25 j 06:13	14°♋59'22	
evening set	-4843 Jul 31 j 20:15	12°♋14'03	
min. Earth dist.	-4843 Aug 04 j 21:07	7°♋59'47	0.65925 AU
inferior conj	-4843 Aug 06 j 11:45	6°♋02'35	-2°-41'00
minimum elong	-4843 Aug 06 j 15:05	5°♋52'27	2°39'42
morning rise	-4843 Aug 12 j 10:52	0°♋14'50	
	-4843 Aug 12 j 22:20	30°℞♊	
direct	-4843 Aug 15 j 10:48	29°♊24'01	
asc. node	-4843 Aug 15 j 05:08	29°♊24'20	
	-4843 Aug 18 j 00:36	0°♋	
morning max el	-4843 Aug 22 j 04:59	3°♋10'05	18°42'06
	-4843 Sep 09 j 13:12	0°♌	
morning set	-4843 Sep 11 j 20:59	3°♌44'07	
desc. node	-4843 Sep 27 j 06:26	28°♌12'16	
superior conj	-4843 Sep 27 j 16:17	28°♌51'05	0°-2'-35
minimum elong	-4843 Sep 27 j 15:57	28°♌49'46	0°02'25
behind sun begin	-4843 Sep 27 j 04:37	28°♌05'06	
behind sun end	-4843 Sep 28 j 03:17	29°♌34'27	
max. Earth dist.	-4843 Sep 28 j 02:04	29°♌29'39	1.44796 AU
	-4843 Sep 28 j 09:46	0°♍	
evening rise	-4843 Oct 13 j 19:33	24°♍23'31	
	-4843 Oct 17 j 07:52	0°♎	
evening max el	-4843 Nov 04 j 14:20	26°♎36'29	19°00'51
	-4843 Nov 09 j 01:28	0°♏	
asc. node	-4843 Nov 11 j 03:54	0°♏32'22	
retrograde	-4843 Nov 11 j 12:22	0°♏33'04	
	-4843 Nov 13 j 21:48	30°℞♎	
evening set	-4843 Nov 14 j 15:11	29°♎37'03	
inferior conj	-4843 Nov 20 j 10:29	23°♎47'30	2°49'01
minimum elong	-4843 Nov 20 j 07:18	23°♎57'22	2°47'58
min. Earth dist.	-4843 Nov 21 j 22:42	21°♎54'52	0.65468 AU
morning rise	-4843 Nov 25 j 22:27	17°♎36'48	
direct	-4843 Dec 02 j 09:46	14°♎50'13	
morning max el	-4843 Dec 15 j 07:04	22°♎20'39	26°36'05
	-4843 Dec 22 j 02:13	0°♏	
desc. node	-4843 Dec 24 j 06:37	2°♏46'17	
	-4842 Jan 11 j 08:52	0°♐	
morning set	-4842 Jan 20 j 05:06	15°♐51'53	
max. Earth dist.	-4842 Jan 24 j 12:48	24°♐14'56	1.34890 AU
	-4842 Jan 27 j 09:18	0°♑	
superior conj	-4842 Jan 28 j 20:57	3°♑02'50	-1°-23'-2
minimum elong	-4842 Jan 28 j 23:56	3°♑18'18	1°22'55
evening rise	-4842 Feb 05 j 11:48	18°♑55'28	
asc. node	-4842 Feb 07 j 02:51	22°♑15'21	
	-4842 Feb 11 j 01:35	0°♒	
evening max el	-4842 Feb 24 j 19:07	19°♒54'08	20°58'53
retrograde	-4842 Mar 08 j 05:38	25°♒20'53	
evening set	-4842 Mar 10 j 16:24	25°♒06'50	
inferior conj	-4842 Mar 19 j 19:30	21°♒08'41	0°39'53
minimum elong	-4842 Mar 19 j 21:18	21°♒06'07	0°39'05
min. Earth dist.	-4842 Mar 20 j 17:02	20°♒37'54	0.55261 AU
desc. node	-4842 Mar 22 j 05:40	19°♒46'31	
morning rise	-4842 Mar 29 j 01:06	16°♒57'44	
direct	-4842 Apr 01 j 04:44	16°♒36'03	
morning max el	-4842 Apr 14 j 05:24	22°♒54'19	22°35'50
	-4842 Apr 20 j 10:34	0°♓	
morning set	-4842 May 06 j 05:40	27°♓43'43	
asc. node	-4842 May 06 j 02:34	27°♓27'38	
	-4842 May 07 j 07:42	0°♈	
superior conj	-4842 May 13 j 12:00	13°♈07'23	1°09'34
minimum elong	-4842 May 13 j 09:25	12°♈53'44	1°09'12
max. Earth dist.	-4842 May 16 j 07:46	19°♈02'38	1.34236 AU
evening rise	-4842 May 21 j 09:15	29°♈15'50	
	-4842 May 21 j 18:18	0°♉	
	-4842 Jun 08 j 03:38	0°♊	
desc. node	-4842 Jun 18 j 04:03	13°♊41'15	
evening max el	-4842 Jun 24 j 20:16	21°♊01'34	27°13'50
retrograde	-4842 Jul 08 j 06:21	28°♊26'21	
evening set	-4842 Jul 15 j 06:06	25°♊39'52	
min. Earth dist.	-4842 Jul 19 j 00:07	22°♊03'09	0.64709 AU
inferior conj	-4842 Jul 21 j 04:33	19°♊37'02	-3°-22'-32
minimum elong	-4842 Jul 21 j 08:08	19°♊27'00	3°21'25
morning rise	-4842 Jul 27 j 11:39	14°♊04'43	
direct	-4842 Jul 30 j 05:45	13°♊24'28	
asc. node	-4842 Aug 02 j 02:13	14°♊07'11	
morning max el	-4842 Aug 05 j 18:23	16°♊55'16	18°10'53
	-4842 Aug 15 j 05:14	0°♋	
morning set	-4842 Aug 23 j 23:20	14°♋33'26	
	-4842 Sep 02 j 07:06	0°♌	
superior conj	-4842 Sep 06 j 21:14	7°♌25'17	0°44'43
minimum elong	-4842 Sep 07 j 02:13	7°♌45'16	0°44'20
max. Earth dist.	-4842 Sep 10 j 19:23	13°♌40'38	1.44479 AU
desc. node	-4842 Sep 14 j 03:21	18°♌56'20	
	-4842 Sep 21 j 05:08	0°♍	
evening rise	-4842 Sep 23 j 12:50	3°♍36'21	
	-4842 Oct 10 j 22:40	0°♎	
greatest brilliancy	-4842 Oct 11 j 04:00	0°♎18'54	-0.6m
evening max el	-4842 Oct 18 j 21:03	10°♎03'14	19°51'30
retrograde	-4842 Oct 26 j 09:09	14°♎25'50	
asc. node	-4842 Oct 29 j 01:04	13°♎44'34	
evening set	-4842 Oct 29 j 20:15	13°♎15'55	
inferior conj	-4842 Nov 04 j 10:20	7°♎13'44	2°03'38
minimum elong	-4842 Nov 04 j 07:44	7°♎22'17	2°02'42
min. Earth dist.	-4842 Nov 05 j 09:50	5°♎56'21	0.66418 AU
morning rise	-4842 Nov 09 j 18:32	0°♎58'03	
	-4842 Nov 10 j 23:50	30°℞♍	
direct	-4842 Nov 15 j 15:57	28°♍24'22	
	-4842 Nov 20 j 20:43	0°♎	
morning max el	-4842 Nov 27 j 16:07	5°♎31'09	25°25'51
desc. node	-4842 Dec 11 j 03:33	22°♎02'59	
	-4842 Dec 16 j 15:34	0°♏	
morning set	-4841 Jan 02 j 20:40	28°♏21'59	
	-4841 Jan 03 j 18:15	0°♐	
max. Earth dist.	-4841 Jan 06 j 16:28	5°♐25'35	1.36497 AU
superior conj	-4841 Jan 12 j 13:18	16°♐48'00	-1°-40'-5
minimum elong	-4841 Jan 12 j 16:03	17°♐01'42	1°40'07
	-4841 Jan 19 j 01:59	0°♑	
evening rise	-4841 Jan 20 j 16:31	3°♑15'26	
asc. node	-4841 Jan 24 j 23:55	11°♑46'10	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4841 Feb 05 j 17:23	0°♒	
evening max el	-4841 Feb 07 j 06:19	1°♒34'16	19°47'02
retrograde	-4841 Feb 17 j 00:17	6°♒11'05	
evening set	-4841 Feb 19 j 08:41	5°♒56'14	
inferior conj	-4841 Feb 27 j 22:06	1°♒53'50	2°22'37
minimum elong	-4841 Feb 28 j 03:06	1°♒45'58	2°20'58
min. Earth dist.	-4841 Mar 02 j 07:34	0°♒24'14	0.56055 AU
	-4841 Mar 02 j 23:39	30°℞♑	
morning rise	-4841 Mar 08 j 18:15	27°♑16'24	
desc. node	-4841 Mar 09 j 02:51	27°♑10'00	
direct	-4841 Mar 13 j 00:08	26°♑36'09	
	-4841 Mar 22 j 13:39	0°♒	
morning max el	-4841 Mar 26 j 21:49	3°♒35'02	24°14'32
	-4841 Apr 14 j 08:08	0°♓	
morning set	-4841 Apr 20 j 17:51	12°♓46'26	
asc. node	-4841 Apr 22 j 23:32	17°♓31'08	
superior conj	-4841 Apr 27 j 20:05	28°♓00'02	0°48'19
minimum elong	-4841 Apr 27 j 18:06	27°♓49'20	0°47'54
	-4841 Apr 28 j 18:22	0°♈	
max. Earth dist.	-4841 Apr 29 j 12:45	1°♈38'33	1.33354 AU
evening rise	-4841 May 05 j 06:35	13°♈37'06	
	-4841 May 13 j 21:53	0°♉	
	-4841 Jun 03 j 10:07	0°♊	
desc. node	-4841 Jun 05 j 01:13	1°♊46'41	
evening max el	-4841 Jun 07 j 06:13	4°♊00'24	27°25'11
retrograde	-4841 Jun 21 j 00:28	11°♊25'23	
evening set	-4841 Jun 28 j 03:29	8°♊50'50	
min. Earth dist.	-4841 Jul 01 j 17:51	5°♊45'33	0.63125 AU
inferior conj	-4841 Jul 04 j 12:05	2°♊59'38	-3°-54'-38
minimum elong	-4841 Jul 04 j 15:03	2°♊52'10	3°53'58
	-4841 Jul 07 j 16:29	30°℞♉	
morning rise	-4841 Jul 11 j 04:43	27°♉45'42	
direct	-4841 Jul 13 j 19:07	27°♉13'23	
asc. node	-4841 Jul 19 j 23:16	0°♊13'44	
	-4841 Jul 19 j 17:18	0°♊	
morning max el	-4841 Jul 20 j 09:06	0°♊37'26	17°57'28
morning set	-4841 Aug 06 j 01:54	26°♊32'03	
	-4841 Aug 08 j 01:16	0°♋	
superior conj	-4841 Aug 18 j 01:01	17°♋07'50	1°20'38
minimum elong	-4841 Aug 18 j 06:43	17°♋31'40	1°20'19
max. Earth dist.	-4841 Aug 24 j 10:07	27°♋36'13	1.43488 AU
	-4841 Aug 25 j 21:52	0°♌	
desc. node	-4841 Sep 01 j 00:18	9°♌38'42	
evening rise	-4841 Sep 02 j 16:42	12°♌15'53	
	-4841 Sep 14 j 09:02	0°♍	
greatest brilliancy	-4841 Sep 26 j 06:11	16°♍48'38	-0.5m
evening max el	-4841 Oct 01 j 22:03	23°♍29'37	20°55'58
retrograde	-4841 Oct 10 j 06:07	28°♍25'07	
evening set	-4841 Oct 14 j 03:48	26°♍58'29	
asc. node	-4841 Oct 15 j 22:14	25°♍22'41	
inferior conj	-4841 Oct 19 j 14:17	20°♍46'54	1°13'44
minimum elong	-4841 Oct 19 j 12:39	20°♍52'31	1°13'08
min. Earth dist.	-4841 Oct 20 j 02:23	20°♍05'41	0.67039 AU
morning rise	-4841 Oct 24 j 21:04	14°♍29'07	
direct	-4841 Oct 30 j 03:13	12°♍14'36	
morning max el	-4841 Nov 10 j 00:53	18°♍45'05	24°03'00
	-4841 Nov 19 j 12:37	0°♎	
desc. node	-4841 Nov 28 j 00:28	11°♎50'15	
	-4841 Dec 09 j 18:46	0°♏	
morning set	-4841 Dec 15 j 13:58	9°♏41'43	
max. Earth dist.	-4841 Dec 19 j 13:11	16°♏38'14	1.38449 AU
superior conj	-4841 Dec 26 j 17:33	29°♏52'21	-1°-50'-50
minimum elong	-4841 Dec 26 j 19:00	29°♏59'14	1°51'01
	-4841 Dec 26 j 19:09	0°♐	

evening rise	-4840 Jan 04 j 14:41	17°♐09'56	
	-4840 Jan 11 j 09:21	0°♑	
asc. node	-4840 Jan 11 j 21:00	0°♑51'23	
evening max el	-4840 Jan 21 j 03:28	13°♑48'26	18°54'01
retrograde	-4840 Jan 29 j 10:41	17°♑47'45	
evening set	-4840 Jan 31 j 20:58	17°♑28'41	
inferior conj	-4840 Feb 08 j 17:55	13°♑09'38	3°30'39
minimum elong	-4840 Feb 08 j 22:07	13°♑02'02	3°29'40
min. Earth dist.	-4840 Feb 11 j 23:02	10°♑51'37	0.57572 AU
morning rise	-4840 Feb 16 j 19:38	8°♑03'53	
direct	-4840 Feb 22 j 07:41	6°♑51'20	
desc. node	-4840 Feb 23 j 23:58	6°♑58'09	
morning max el	-4840 Mar 07 j 12:53	14°♑13'22	25°46'48
	-4840 Mar 20 j 01:13	0°♒	
morning set	-4840 Apr 04 j 05:53	27°♒49'08	
	-4840 Apr 05 j 06:42	0°♓	
asc. node	-4840 Apr 08 j 20:31	7°♓42'04	
superior conj	-4840 Apr 11 j 06:51	13°♓00'19	0°25'00
minimum elong	-4840 Apr 11 j 05:47	12°♓54'26	0°24'40
max. Earth dist.	-4840 Apr 11 j 23:54	14°♓33'17	1.32817 AU
evening rise	-4840 Apr 18 j 10:47	28°♓18'51	
	-4840 Apr 19 j 06:31	0°♈	
	-4840 May 06 j 05:43	0°♉	
evening max el	-4840 May 19 j 12:08	16°♉24'50	27°04'11
desc. node	-4840 May 21 j 22:24	18°♉35'14	
retrograde	-4840 Jun 02 j 11:26	23°♉47'07	
evening set	-4840 Jun 09 j 08:23	21°♉38'11	
min. Earth dist.	-4840 Jun 13 j 01:36	18°♉52'31	0.61232 AU
inferior conj	-4840 Jun 16 j 07:02	16°♉01'52	-4°-12'-8
minimum elong	-4840 Jun 16 j 08:08	15°♉59'26	4°11'56
morning rise	-4840 Jun 23 j 10:47	11°♉09'00	
direct	-4840 Jun 25 j 23:12	10°♉42'48	
morning max el	-4840 Jul 02 j 22:26	14°♉09'45	18°02'48
asc. node	-4840 Jul 05 j 20:17	17°♉27'47	
	-4840 Jul 13 j 18:53	0°♊	
morning set	-4840 Jul 18 j 23:12	9°♊24'59	
superior conj	-4840 Jul 29 j 08:24	28°♊12'37	1°41'37
minimum elong	-4840 Jul 29 j 11:44	28°♊27'16	1°41'41
	-4840 Jul 30 j 08:57	0°♋	
max. Earth dist.	-4840 Aug 05 j 19:50	10°♋59'28	1.41949 AU
evening rise	-4840 Aug 12 j 03:02	21°♋14'51	
desc. node	-4840 Aug 17 j 21:17	0°♌15'59	
	-4840 Aug 17 j 17:07	0°♌	
	-4840 Sep 07 j 16:54	0°♍	
greatest brilliancy	-4840 Sep 08 j 22:56	1°♍33'22	-0.3m
evening max el	-4840 Sep 13 j 16:43	6°♍54'45	22°10'56
retrograde	-4840 Sep 23 j 01:31	12°♍28'28	
evening set	-4840 Sep 27 j 11:55	10°♍42'44	
asc. node	-4840 Oct 01 j 19:21	5°♍51'06	
inferior conj	-4840 Oct 02 j 20:24	4°♍25'08	0°21'20
minimum elong	-4840 Oct 02 j 19:54	4°♍26'51	0°21'15
min. Earth dist.	-4840 Oct 02 j 21:59	4°♍19'40	0.67347 AU
	-4840 Oct 06 j 06:17	30°℞♌	
morning rise	-4840 Oct 08 j 03:44	28°♌08'12	
direct	-4840 Oct 12 j 18:49	26°♌15'09	
	-4840 Oct 20 j 08:15	0°♍	
morning max el	-4840 Oct 22 j 12:00	2°♍02'44	22°37'01
greatest brilliancy	-4840 Oct 27 j 05:28	7°♍22'22	-0.3m
	-4840 Nov 12 j 13:36	0°♎	
desc. node	-4840 Nov 13 j 21:21	1°♎59'17	
morning set	-4840 Nov 25 j 03:43	19°♎39'41	
max. Earth dist.	-4840 Nov 30 j 10:48	28°♎28'30	1.40511 AU
	-4840 Dec 01 j 08:16	0°♏	
superior conj	-4840 Dec 08 j 04:52	12°♏03'24	-1°-52'-19

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4840 Dec 08 j 03:42	11°♏58'06	1°52'27
	-4840 Dec 17 j 20:35	0°♐	
evening rise	-4840 Dec 18 j 03:26	0°♐32'24	
asc. node	-4840 Dec 28 j 18:06	19°♐22'44	
evening max el	-4839 Jan 03 j 08:31	26°♐31'00	18°21'02
	-4839 Jan 09 j 05:32	0°♑	
retrograde	-4839 Jan 10 j 15:46	0°♑08'16	
	-4839 Jan 12 j 02:28	30°℞♐	
evening set	-4839 Jan 13 j 04:13	29°♐43'33	
inferior conj	-4839 Jan 20 j 10:09	25°♐03'05	4°01'37
minimum elong	-4839 Jan 20 j 11:31	25°♐00'12	4°01'18
min. Earth dist.	-4839 Jan 23 j 18:25	22°♐15'49	0.59483 AU
morning rise	-4839 Jan 27 j 15:40	19°♐34'24	
direct	-4839 Feb 03 j 03:16	17°♐42'59	
desc. node	-4839 Feb 09 j 21:04	19°♐34'58	
morning max el	-4839 Feb 17 j 08:22	25°♐17'16	26°57'33
	-4839 Feb 21 j 17:39	0°♑	
	-4839 Mar 13 j 05:46	0°♒	
morning set	-4839 Mar 19 j 16:02	12°♒45'27	
superior conj	-4839 Mar 26 j 18:36	28°♒02'11	0°00'29
minimum elong	-4839 Mar 26 j 18:35	28°♒02'06	0°00'20
behind sun begin	-4839 Mar 26 j 13:35	27°♒34'48	
behind sun end	-4839 Mar 26 j 23:34	28°♒29'25	
max. Earth dist.	-4839 Mar 26 j 13:28	27°♒34'08	1.32609 AU
asc. node	-4839 Mar 26 j 17:29	27°♒56'06	
	-4839 Mar 27 j 16:08	0°♓	
evening rise	-4839 Apr 02 j 19:25	13°♓12'24	
	-4839 Apr 11 j 09:43	0°♈	
evening max el	-4839 May 01 j 11:57	28°♈07'10	26°11'07
	-4839 May 03 j 14:00	0°♉	
desc. node	-4839 May 08 j 19:35	3°♉36'02	
retrograde	-4839 May 15 j 14:06	5°♉25'04	
evening set	-4839 May 21 j 17:04	3°♉52'07	
min. Earth dist.	-4839 May 26 j 00:41	1°♉09'33	0.59193 AU
	-4839 May 27 j 13:36	30°℞♈	
inferior conj	-4839 May 29 j 09:43	28°♈34'38	-4°-7'-26
minimum elong	-4839 May 29 j 07:45	28°♈38'26	4°07'13
morning rise	-4839 Jun 06 j 02:14	24°♈04'02	
direct	-4839 Jun 08 j 13:32	23°♈42'51	
morning max el	-4839 Jun 16 j 07:35	27°♈24'43	18°27'39
	-4839 Jun 18 j 17:09	0°♉	
asc. node	-4839 Jun 22 j 17:17	5°♉34'49	
morning set	-4839 Jul 02 j 10:20	22°♉59'48	
	-4839 Jul 06 j 01:59	0°♊	
superior conj	-4839 Jul 11 j 15:36	10°♊29'26	1°49'16
minimum elong	-4839 Jul 11 j 16:09	10°♊31'57	1°49'30
max. Earth dist.	-4839 Jul 18 j 23:37	23°♊38'12	1.40081 AU
	-4839 Jul 22 j 17:07	0°♋	
evening rise	-4839 Jul 23 j 11:44	1°♋17'51	
desc. node	-4839 Aug 04 j 18:17	20°♋43'50	
	-4839 Aug 11 j 02:18	0°♌	
evening max el	-4839 Aug 27 j 06:06	20°♌19'29	23°31'29
retrograde	-4839 Sep 06 j 18:06	26°♌32'13	
evening set	-4839 Sep 11 j 18:47	24°♌26'28	
inferior conj	-4839 Sep 17 j 02:52	18°♌06'12	0°-31'-55
minimum elong	-4839 Sep 17 j 03:36	18°♌03'41	0°31'26
min. Earth dist.	-4839 Sep 16 j 18:13	18°♌35'52	0.67357 AU
asc. node	-4839 Sep 18 j 16:28	15°♌59'33	
morning rise	-4839 Sep 22 j 12:32	11°♌53'09	
direct	-4839 Sep 26 j 13:54	10°♌20'57	
morning max el	-4839 Oct 05 j 04:23	15°♌26'04	21°15'38
greatest brilliancy	-4839 Oct 10 j 14:21	21°♌44'32	-0.5m
	-4839 Oct 16 j 16:47	0°♍	
desc. node	-4839 Oct 31 j 18:13	22°♍23'02	
morning set	-4839 Nov 04 j 14:38	28°♍22'35	
	-4839 Nov 05 j 15:24	0°♎	
max. Earth dist.	-4839 Nov 12 j 14:13	11°♎09'52	1.42390 AU
superior conj	-4839 Nov 19 j 17:27	23°♎06'00	-1°-40'-54
minimum elong	-4839 Nov 19 j 12:47	22°♎46'05	1°40'40
	-4839 Nov 23 j 17:04	0°♏	
evening rise	-4839 Dec 01 j 03:05	13°♏14'01	
	-4839 Dec 10 j 16:45	0°♐	
asc. node	-4839 Dec 15 j 15:12	7°♐09'16	
evening max el	-4839 Dec 17 j 18:45	9°♐33'52	18°08'05
retrograde	-4839 Dec 24 j 12:33	13°♐02'46	
evening set	-4839 Dec 27 j 03:23	12°♐31'23	
inferior conj	-4838 Jan 02 j 20:46	7°♐29'08	4°03'18
minimum elong	-4838 Jan 02 j 19:32	7°♐32'07	4°03'00
min. Earth dist.	-4838 Jan 05 j 21:03	4°♐35'50	0.61464 AU
morning rise	-4838 Jan 09 j 09:18	1°♐43'58	
	-4838 Jan 12 j 15:36	30°℞♏	
direct	-4838 Jan 16 j 09:10	29°♏18'52	
	-4838 Jan 20 j 06:22	0°♐	
desc. node	-4838 Jan 27 j 18:07	4°♐34'04	
morning max el	-4838 Jan 30 j 10:10	7°♐00'03	27°35'58
	-4838 Feb 16 j 22:08	0°♑	
morning set	-4838 Mar 03 j 22:23	27°♑28'04	
	-4838 Mar 05 j 03:49	0°♒	
max. Earth dist.	-4838 Mar 10 j 01:35	10°♒27'02	1.32737 AU
superior conj	-4838 Mar 11 j 05:40	12°♒59'37	0°-24'-21
minimum elong	-4838 Mar 11 j 06:45	13°♒05'31	0°24'19
asc. node	-4838 Mar 13 j 14:28	18°♒09'05	
evening rise	-4838 Mar 18 j 06:25	28°♒10'24	
	-4838 Mar 19 j 03:22	0°♓	
	-4838 Apr 05 j 08:22	0°♈	
evening max el	-4838 Apr 13 j 06:05	9°♈12'07	24°52'29
desc. node	-4838 Apr 25 j 16:45	16°♈12'49	
retrograde	-4838 Apr 27 j 06:30	16°♈18'36	
evening set	-4838 May 02 j 04:44	15°♈22'57	
min. Earth dist.	-4838 May 07 j 18:22	12°♈27'17	0.57285 AU
inferior conj	-4838 May 10 j 17:05	10°♈29'54	-3°-30'-54
minimum elong	-4838 May 10 j 12:05	10°♈38'15	3°29'55
morning rise	-4838 May 18 j 23:42	6°♈19'04	
direct	-4838 May 21 j 10:06	6°♈01'58	
morning max el	-4838 May 30 j 09:44	10°♈13'27	19°12'42
asc. node	-4838 Jun 09 j 14:16	24°♈22'46	
	-4838 Jun 12 j 15:41	0°♉	
morning set	-4838 Jun 16 j 07:34	7°♉07'30	
superior conj	-4838 Jun 24 j 16:57	23°♉42'52	1°46'33
minimum elong	-4838 Jun 24 j 15:29	23°♉35'46	1°46'41
	-4838 Jun 27 j 23:52	0°♊	
max. Earth dist.	-4838 Jul 01 j 00:52	5°♊38'27	1.38147 AU
evening rise	-4838 Jul 04 j 23:03	12°♊39'52	
	-4838 Jul 15 j 09:35	0°♋	
desc. node	-4838 Jul 22 j 15:19	10°♋57'34	
	-4838 Aug 06 j 03:26	0°♌	
evening max el	-4838 Aug 09 j 16:54	3°♌47'24	24°50'52
retrograde	-4838 Aug 21 j 06:52	10°♌33'20	
evening set	-4838 Aug 26 j 22:38	8°♌08'42	
min. Earth dist.	-4838 Aug 31 j 12:44	2°♌53'34	0.67067 AU
inferior conj	-4838 Sep 01 j 08:03	1°♌49'18	-1°-24'-20
minimum elong	-4838 Sep 01 j 09:59	1°♌42'55	1°23'22
	-4838 Sep 02 j 17:27	30°℞♋	
asc. node	-4838 Sep 05 j 13:34	26°♋48'30	
morning rise	-4838 Sep 06 j 21:41	25°♋43'17	
direct	-4838 Sep 10 j 11:23	24°♋29'31	
morning max el	-4838 Sep 18 j 03:46	28°♋57'36	20°04'37
	-4838 Sep 19 j 03:17	0°♌	
greatest brilliancy	-4838 Sep 25 j 10:56	7°♌59'03	-0.6m

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4838 Oct 10 j 06:32	0°♍	
morning set	-4838 Oct 14 j 13:12	6°♍36'03	
desc. node	-4838 Oct 18 j 15:06	12°♍57'04	
max. Earth dist.	-4838 Oct 26 j 00:28	24°♍37'35	1.43833 AU
	-4838 Oct 29 j 08:41	0°♎	
superior conj	-4838 Oct 31 j 02:47	2°♎50'57	-1°-13'-30
minimum elong	-4838 Oct 30 j 20:06	2°♎23'42	1°12'49
evening rise	-4838 Nov 13 j 09:13	25°♎05'45	
	-4838 Nov 16 j 05:43	0°♏	
evening max el	-4838 Dec 01 j 07:23	22°♏50'12	18°14'26
asc. node	-4838 Dec 02 j 12:18	23°♏58'05	
retrograde	-4838 Dec 07 j 20:44	26°♏22'06	
evening set	-4838 Dec 10 j 14:57	25°♏42'39	
inferior conj	-4838 Dec 16 j 22:09	20°♏20'03	3°44'31
minimum elong	-4838 Dec 16 j 19:24	20°♏27'32	3°43'53
min. Earth dist.	-4838 Dec 19 j 09:02	17°♏41'05	0.63272 AU
morning rise	-4838 Dec 22 j 22:08	14°♏22'56	
direct	-4838 Dec 29 j 23:19	11°♏37'47	
morning max el	-4837 Jan 12 j 16:55	19°♏20'39	27°38'15
desc. node	-4837 Jan 14 j 15:08	21°♏19'20	
	-4837 Jan 21 j 20:31	0°♐	
	-4837 Feb 09 j 18:59	0°♑	
morning set	-4837 Feb 15 j 22:32	11°♑48'24	
max. Earth dist.	-4837 Feb 21 j 08:20	22°♑58'01	1.33241 AU
superior conj	-4837 Feb 23 j 14:22	27°♑46'18	0°-48'-37
minimum elong	-4837 Feb 23 j 16:27	27°♑57'28	0°48'28
	-4837 Feb 24 j 15:14	0°♒	
asc. node	-4837 Feb 28 j 11:28	8°♒16'33	
evening rise	-4837 Mar 02 j 18:00	13°♒06'01	
	-4837 Mar 11 j 09:47	0°♓	
evening max el	-4837 Mar 25 j 22:21	19°♓57'29	23°20'00
retrograde	-4837 Apr 08 j 10:01	26°♓37'01	
evening set	-4837 Apr 12 j 01:08	26°♓08'10	
desc. node	-4837 Apr 12 j 13:56	25°♓59'17	
min. Earth dist.	-4837 Apr 19 j 09:33	22°♓47'40	0.55861 AU
inferior conj	-4837 Apr 21 j 04:49	21°♓43'40	-2°-15'-19
minimum elong	-4837 Apr 20 j 23:33	21°♓51'28	2°13'51
morning rise	-4837 Apr 30 j 01:09	17°♓44'41	
direct	-4837 May 02 j 12:23	17°♓29'42	
morning max el	-4837 May 13 j 02:11	22°♓25'24	20°17'56
	-4837 May 19 j 10:32	0°♈	
asc. node	-4837 May 27 j 11:16	13°♈41'00	
morning set	-4837 May 31 j 11:48	21°♈39'20	
	-4837 Jun 04 j 13:35	0°♉	
superior conj	-4837 Jun 08 j 07:17	7°♉37'20	1°36'14
minimum elong	-4837 Jun 08 j 04:48	7°♉24'44	1°36'09
max. Earth dist.	-4837 Jun 13 j 06:02	17°♉23'53	1.36380 AU
evening rise	-4837 Jun 17 j 09:10	25°♉10'56	
	-4837 Jun 20 j 01:01	0°♊	
	-4837 Jul 08 j 22:04	0°♋	
desc. node	-4837 Jul 09 j 12:25	0°♋49'58	
evening max el	-4837 Jul 23 j 03:37	17°♋17'50	26°01'08
retrograde	-4837 Aug 04 j 15:01	24°♋26'20	
evening set	-4837 Aug 10 j 21:27	21°♋46'52	
min. Earth dist.	-4837 Aug 15 j 03:01	17°♋09'49	0.66447 AU
inferior conj	-4837 Aug 16 j 10:06	15°♋31'40	-2°-14'-13
minimum elong	-4837 Aug 16 j 13:02	15°♋22'27	2°12'57
morning rise	-4837 Aug 22 j 05:18	9°♋36'07	
asc. node	-4837 Aug 23 j 10:41	8°♋59'47	
direct	-4837 Aug 25 j 09:39	8°♋37'42	
morning max el	-4837 Sep 01 j 09:57	12°♋36'30	19°07'37
	-4837 Sep 14 j 02:11	0°♌	
morning set	-4837 Sep 23 j 22:40	15°♌26'12	
	-4837 Oct 03 j 04:46	0°♍	
desc. node	-4837 Oct 05 j 12:00	3°♍37'23	
max. Earth dist.	-4837 Oct 08 j 16:15	8°♍37'58	1.44650 AU
superior conj	-4837 Oct 10 j 11:16	11°♍28'00	0°-30'-57
minimum elong	-4837 Oct 10 j 07:22	11°♍12'33	0°30'23
	-4837 Oct 22 j 01:08	0°♎	
evening rise	-4837 Oct 25 j 17:04	5°♎57'57	
	-4837 Nov 09 j 19:52	0°♏	
evening max el	-4837 Nov 14 j 19:40	6°♏13'59	18°39'02
asc. node	-4837 Nov 19 j 09:25	9°♏34'02	
retrograde	-4837 Nov 21 j 12:22	9°♏58'45	
evening set	-4837 Nov 24 j 11:34	9°♏09'19	
inferior conj	-4837 Nov 30 j 10:39	3°♏28'46	3°12'03
minimum elong	-4837 Nov 30 j 07:24	3°♏38'26	3°11'06
min. Earth dist.	-4837 Dec 02 j 06:54	1°♏17'19	0.64767 AU
	-4837 Dec 03 j 10:04	30°℞♎	
morning rise	-4837 Dec 06 j 02:04	27°♎22'34	
direct	-4837 Dec 12 j 20:09	24°♎32'49	
	-4837 Dec 23 j 18:46	0°♏	
morning max el	-4837 Dec 26 j 02:13	2°♏10'00	27°06'59
desc. node	-4836 Jan 01 j 12:07	9°♏20'09	
	-4836 Jan 16 j 01:04	0°♐	
morning set	-4836 Jan 30 j 13:27	25°♐36'33	
	-4836 Feb 01 j 19:08	0°♑	
max. Earth dist.	-4836 Feb 04 j 06:14	4°♑57'47	1.34162 AU
superior conj	-4836 Feb 07 j 18:46	12°♑15'41	-1°-11'-15
minimum elong	-4836 Feb 07 j 21:34	12°♑30'23	1°11'05
evening rise	-4836 Feb 15 j 04:28	27°♑53'17	
asc. node	-4836 Feb 15 j 08:30	28°♑14'16	
	-4836 Feb 16 j 04:56	0°♒	
	-4836 Mar 05 j 22:25	0°♓	
evening max el	-4836 Mar 06 j 18:37	0°♓49'31	21°47'30
retrograde	-4836 Mar 19 j 02:12	6°♓45'17	
evening set	-4836 Mar 21 j 19:36	6°♓28'43	
desc. node	-4836 Mar 29 j 11:06	3°♓21'06	
inferior conj	-4836 Mar 31 j 02:46	2°♓25'43	0°-27'-16
minimum elong	-4836 Mar 31 j 01:30	2°♓27'30	0°26'59
min. Earth dist.	-4836 Mar 30 j 23:42	2°♓30'01	0.55222 AU
	-4836 Apr 04 j 16:55	30°℞♒	
morning rise	-4836 Apr 09 j 08:01	28°♒24'36	
direct	-4836 Apr 12 j 02:37	28°♒07'28	
	-4836 Apr 19 j 00:48	0°♓	
morning max el	-4836 Apr 24 j 07:40	3°♓55'35	21°41'27
	-4836 May 11 j 15:59	0°♈	
asc. node	-4836 May 13 j 08:16	3°♈21'47	
morning set	-4836 May 14 j 20:40	6°♈28'19	
superior conj	-4836 May 22 j 06:45	22°♈01'27	1°20'28
minimum elong	-4836 May 22 j 04:02	21°♈47'14	1°20'11
max. Earth dist.	-4836 May 25 j 20:14	29°♈21'06	1.34922 AU
	-4836 May 26 j 03:56	0°♉	
evening rise	-4836 May 30 j 12:36	8°♉35'33	
	-4836 Jun 11 j 14:29	0°♊	
desc. node	-4836 Jun 25 j 09:31	20°♊11'47	
	-4836 Jul 03 j 20:54	0°♋	
evening max el	-4836 Jul 04 j 14:59	0°♋44'34	26°54'04
retrograde	-4836 Jul 17 j 17:59	8°♋05'06	
evening set	-4836 Jul 24 j 12:50	5°♋18'06	
min. Earth dist.	-4836 Jul 28 j 10:40	1°♋20'08	0.65461 AU
	-4836 Jul 29 j 14:05	30°℞♊	
inferior conj	-4836 Jul 30 j 06:59	29°♊10'12	-2°-59'-32
minimum elong	-4836 Jul 30 j 10:30	28°♊59'50	2°58'17
morning rise	-4836 Aug 05 j 09:18	23°♊28'30	
direct	-4836 Aug 08 j 06:35	22°♊42'22	
asc. node	-4836 Aug 09 j 07:48	22°♊48'26	
morning max el	-4836 Aug 14 j 21:24	26°♊20'34	18°26'40

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4836 Aug 18 j 00:39	0°♋	
morning set	-4836 Sep 03 j 09:24	25°♋30'53	
	-4836 Sep 06 j 03:26	0°♌	
superior conj	-4836 Sep 18 j 10:41	19°♌43'21	0°18'23
minimum elong	-4836 Sep 18 j 13:02	19°♌52'41	0°18'15
max. Earth dist.	-4836 Sep 20 j 10:35	22°♌52'41	1.44752 AU
desc. node	-4836 Sep 21 j 08:54	24°♌20'42	
	-4836 Sep 24 j 23:07	0°♍	
evening rise	-4836 Oct 04 j 23:44	15°♍45'05	
	-4836 Oct 14 j 01:58	0°♎	
greatest brilliancy	-4836 Oct 18 j 05:23	6°♎21'07	-0.7m
evening max el	-4836 Oct 28 j 05:01	19°♎40'07	19°20'36
retrograde	-4836 Nov 04 j 08:06	23°♎46'35	
asc. node	-4836 Nov 05 j 06:35	23°♎41'31	
evening set	-4836 Nov 07 j 14:16	22°♎44'47	
inferior conj	-4836 Nov 13 j 07:07	16°♎49'19	2°30'27
minimum elong	-4836 Nov 13 j 04:08	16°♎58'52	2°29'25
min. Earth dist.	-4836 Nov 14 j 13:39	15°♎11'47	0.65911 AU
morning rise	-4836 Nov 18 j 17:11	10°♎36'23	
direct	-4836 Nov 24 j 22:52	7°♎54'34	
morning max el	-4836 Dec 07 j 11:50	15°♎15'54	26°08'32
desc. node	-4836 Dec 18 j 09:04	28°♎13'24	
	-4836 Dec 19 j 16:27	0°♏	
	-4835 Jan 07 j 20:10	0°♐	
morning set	-4835 Jan 12 j 14:59	8°♐38'48	
max. Earth dist.	-4835 Jan 16 j 16:44	16°♐23'26	1.35525 AU
superior conj	-4835 Jan 21 j 16:19	26°♐18'53	-1°-30'-52
minimum elong	-4835 Jan 21 j 19:19	26°♐34'09	1°30'48
	-4835 Jan 23 j 11:34	0°♑	
evening rise	-4835 Jan 29 j 11:50	12°♑24'41	
asc. node	-4835 Feb 01 j 05:32	17°♑56'16	
	-4835 Feb 07 j 18:51	0°♒	
evening max el	-4835 Feb 16 j 23:35	12°♒08'12	20°26'07
retrograde	-4835 Feb 27 j 16:38	17°♒13'01	
evening set	-4835 Mar 02 j 01:34	16°♒59'07	
inferior conj	-4835 Mar 10 j 23:32	13°♒00'41	1°26'44
minimum elong	-4835 Mar 11 j 03:11	12°♒55'18	1°25'22
min. Earth dist.	-4835 Mar 12 j 13:42	12°♒04'36	0.55500 AU
desc. node	-4835 Mar 16 j 08:17	10°♒03'11	
morning rise	-4835 Mar 20 j 02:42	8°♒39'56	
direct	-4835 Mar 23 j 16:16	8°♒12'14	
morning max el	-4835 Apr 06 j 03:39	14°♒49'00	23°17'40
	-4835 Apr 17 j 22:02	0°♓	
morning set	-4835 Apr 29 j 08:09	21°♓27'39	
asc. node	-4835 Apr 30 j 05:15	23°♓18'20	
	-4835 May 03 j 08:39	0°♈	
superior conj	-4835 May 06 j 12:21	6°♈45'41	1°00'52
minimum elong	-4835 May 06 j 09:59	6°♈33'01	1°00'28
max. Earth dist.	-4835 May 08 j 20:18	11°♈42'22	1.33821 AU
evening rise	-4835 May 14 j 04:28	22°♈39'09	
	-4835 May 17 j 23:32	0°♉	
	-4835 Jun 05 j 08:09	0°♊	
desc. node	-4835 Jun 12 j 06:41	8°♊50'04	
evening max el	-4835 Jun 17 j 01:51	13°♊56'27	27°22'19
retrograde	-4835 Jun 30 j 15:32	21°♊21'38	
evening set	-4835 Jul 07 j 17:51	18°♊38'16	
min. Earth dist.	-4835 Jul 11 j 09:43	15°♊16'18	0.64084 AU
inferior conj	-4835 Jul 13 j 20:13	12°♊40'16	-3°-37'-33
minimum elong	-4835 Jul 13 j 23:40	12°♊31'01	3°36'37
morning rise	-4835 Jul 20 j 07:13	7°♊15'41	
direct	-4835 Jul 22 j 23:33	6°♊39'02	
asc. node	-4835 Jul 27 j 04:53	8°♊08'52	
morning max el	-4835 Jul 29 j 11:45	10°♊05'30	18°02'59
	-4835 Aug 11 j 22:29	0°♋	
morning set	-4835 Aug 15 j 22:42	6°♋51'33	
superior conj	-4835 Aug 28 j 23:56	28°♋42'50	1°01'45
minimum elong	-4835 Aug 29 j 05:48	29°♋06'41	1°01'18
	-4835 Aug 29 j 18:56	0°♌	
max. Earth dist.	-4835 Sep 03 j 03:32	7°♌00'42	1.44132 AU
desc. node	-4835 Sep 08 j 05:51	15°♌04'27	
evening rise	-4835 Sep 14 j 09:22	24°♌38'45	
	-4835 Sep 17 j 20:48	0°♍	
greatest brilliancy	-4835 Oct 04 j 16:39	24°♍54'21	-0.6m
	-4835 Oct 08 j 15:08	0°♎	
evening max el	-4835 Oct 11 j 09:22	3°♎06'21	20°17'21
retrograde	-4835 Oct 19 j 05:19	7°♎42'29	
evening set	-4835 Oct 22 j 20:39	6°♎25'42	
asc. node	-4835 Oct 23 j 03:44	6°♎12'41	
inferior conj	-4835 Oct 28 j 08:58	0°♎18'48	1°42'55
minimum elong	-4835 Oct 28 j 06:45	0°♎26'16	1°42'05
	-4835 Oct 28 j 14:34	30°℞♍	
min. Earth dist.	-4835 Oct 29 j 03:23	29°♍17'02	0.66716 AU
morning rise	-4835 Nov 02 j 16:18	24°♍01'46	
direct	-4835 Nov 08 j 07:09	21°♍36'00	
morning max el	-4835 Nov 19 j 20:47	28°♍28'55	24°51'40
	-4835 Nov 21 j 07:51	0°♎	
desc. node	-4835 Dec 05 j 06:00	17°♎44'04	
	-4835 Dec 13 j 11:08	0°♏	
morning set	-4835 Dec 25 j 21:49	20°♏40'32	
max. Earth dist.	-4835 Dec 29 j 16:47	27°♏30'50	1.37296 AU
	-4835 Dec 31 j 01:01	0°♐	
superior conj	-4834 Jan 05 j 03:58	9°♐47'10	-1°-45'-35
minimum elong	-4834 Jan 05 j 06:19	9°♐58'39	1°45'41
evening rise	-4834 Jan 13 j 14:03	26°♐34'08	
	-4834 Jan 15 j 07:31	0°♑	
asc. node	-4834 Jan 19 j 02:35	7°♑16'39	
evening max el	-4834 Jan 30 j 15:02	24°♑02'08	19°22'01
retrograde	-4834 Feb 08 j 17:24	28°♑21'39	
evening set	-4834 Feb 11 j 02:10	28°♑05'24	
inferior conj	-4834 Feb 19 j 08:35	23°♑56'45	2°56'14
minimum elong	-4834 Feb 19 j 13:41	23°♑48'17	2°54'47
min. Earth dist.	-4834 Feb 22 j 04:30	22°♑04'42	0.56626 AU
morning rise	-4834 Feb 27 j 21:32	19°♑06'31	
desc. node	-4834 Mar 03 j 05:25	18°♑19'06	
direct	-4834 Mar 04 j 16:06	18°♑14'13	
morning max el	-4834 Mar 18 j 18:50	25°♑25'16	24°55'33
	-4834 Mar 23 j 01:15	0°♒	
	-4834 Apr 10 j 16:18	0°♓	
morning set	-4834 Apr 13 j 20:27	6°♓30'49	
asc. node	-4834 Apr 17 j 02:11	13°♓25'17	
superior conj	-4834 Apr 20 j 21:48	21°♓42'12	0°38'37
minimum elong	-4834 Apr 20 j 20:10	21°♓33'23	0°38'14
max. Earth dist.	-4834 Apr 22 j 04:09	24°♓26'29	1.33080 AU
	-4834 Apr 24 j 18:26	0°♈	
evening rise	-4834 Apr 28 j 05:01	7°♈09'45	
	-4834 May 10 j 12:04	0°♉	
desc. node	-4834 May 30 j 03:51	26°♉25'51	
evening max el	-4834 May 30 j 10:07	26°♉40'57	27°20'14
	-4834 Jun 03 j 06:38	0°♊	
retrograde	-4834 Jun 13 j 06:59	4°♊05'53	
evening set	-4834 Jun 20 j 08:45	1°♊40'16	
	-4834 Jun 22 j 13:13	30°℞♉	
min. Earth dist.	-4834 Jun 23 j 23:04	28°♉45'22	0.62347 AU
inferior conj	-4834 Jun 26 j 22:48	25°♉54'49	-4°-4'-14
minimum elong	-4834 Jun 27 j 01:09	25°♉49'14	4°03'49
morning rise	-4834 Jul 03 j 20:01	20°♉49'55	
direct	-4834 Jul 06 j 09:18	20°♉20'31	
morning max el	-4834 Jul 13 j 02:18	23°♉44'35	17°57'24

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4834 Jul 14 j 01:55	24°♉45'56		
	-4834 Jul 18 j 02:35	0°♊		
morning set	-4834 Jul 29 j 09:51	19°♊14'25		
	-4834 Aug 04 j 10:48	0°♋		
superior conj	-4834 Aug 09 j 15:36	9°♋00'42	1°31'20	
minimum elong	-4834 Aug 09 j 20:30	9°♋21'35	1°31'11	
max. Earth dist.	-4834 Aug 16 j 15:51	20°♋42'23	1.42883 AU	
	-4834 Aug 22 j 10:45	0°♌		
evening rise	-4834 Aug 24 j 13:20	3°♌18'49		
desc. node	-4834 Aug 26 j 02:50	5°♌44'55		
	-4834 Sep 11 j 08:35	0°♍		
greatest brilliancy	-4834 Sep 19 j 04:19	10°♍35'36	-0.4m	
evening max el	-4834 Sep 24 j 07:31	16°♍31'20	21°26'49	
retrograde	-4834 Oct 03 j 01:53	21°♍43'15		
evening set	-4834 Oct 07 j 04:38	20°♍08'52		
asc. node	-4834 Oct 10 j 00:53	17°♍16'15		
inferior conj	-4834 Oct 12 j 14:04	13°♍54'10	0°51'44	
minimum elong	-4834 Oct 12 j 12:53	13°♍58'13	0°51'19	
min. Earth dist.	-4834 Oct 12 j 21:38	13°♍28'07	0.67203 AU	
morning rise	-4834 Oct 17 j 20:49	7°♍36'05		
direct	-4834 Oct 22 j 20:23	5°♍30'34		
morning max el	-4834 Nov 02 j 06:10	11°♍43'55	23°26'13	
greatest brilliancy	-4834 Nov 08 j 05:09	18°♍30'55	-0.2m	
	-4834 Nov 16 j 19:37	0°♎		
desc. node	-4834 Nov 22 j 02:55	7°♎41'09		
	-4834 Dec 06 j 07:16	0°♏		
morning set	-4834 Dec 07 j 03:52	1°♏26'07		
max. Earth dist.	-4834 Dec 11 j 12:26	8°♏53'24	1.39323 AU	
superior conj	-4834 Dec 19 j 01:37	22°♏29'55	-1°-52'-49	
minimum elong	-4834 Dec 19 j 02:06	22°♏32'15	1°53'01	
	-4834 Dec 23 j 00:59	0°♐		
evening rise	-4834 Dec 28 j 08:34	10°♐15'16		
asc. node	-4833 Jan 05 j 23:38	26°♐08'19		
	-4833 Jan 08 j 10:17	0°♑		
evening max el	-4833 Jan 13 j 15:53	6°♑29'18	18°37'36	
retrograde	-4833 Jan 21 j 11:35	10°♑17'16		
evening set	-4833 Jan 23 j 22:45	9°♑56'00		
inferior conj	-4833 Jan 31 j 13:05	5°♑28'34	3°47'59	
minimum elong	-4833 Jan 31 j 16:10	5°♑22'37	3°47'20	
min. Earth dist.	-4833 Feb 03 j 21:31	2°♑54'56	0.58350 AU	
morning rise	-4833 Feb 08 j 05:59	0°♑12'00		
	-4833 Feb 08 j 16:09	30°℞♐		
direct	-4833 Feb 14 j 05:22	28°♐42'41		
desc. node	-4833 Feb 18 j 02:30	29°♐19'40		
	-4833 Feb 19 j 21:02	0°♑		
morning max el	-4833 Feb 28 j 11:16	6°♑11'49	26°20'20	
	-4833 Mar 18 j 01:05	0°♒		
morning set	-4833 Mar 29 j 07:54	21°♒31'51		
	-4833 Apr 02 j 07:04	0°♓		
asc. node	-4833 Apr 03 j 23:09	3°♓38'15		
superior conj	-4833 Apr 05 j 09:12	6°♓44'27	0°14'42	
minimum elong	-4833 Apr 05 j 08:34	6°♓40'56	0°14'28	
behind sun begin	-4833 Apr 05 j 06:34	6°♓30'03		
behind sun end	-4833 Apr 05 j 10:33	6°♓51'50		
max. Earth dist.	-4833 Apr 05 j 16:38	7°♓25'04	1.32681 AU	
evening rise	-4833 Apr 12 j 11:23	21°♓57'57		
	-4833 Apr 16 j 10:55	0°♈		
	-4833 May 04 j 19:17	0°♉		
evening max el	-4833 May 12 j 13:41	8°♉48'45	26°45'24	
desc. node	-4833 May 17 j 01:00	12°♉33'21		
retrograde	-4833 May 26 j 14:58	16°♉09'58		
evening set	-4833 Jun 02 j 05:31	14°♉15'39		
min. Earth dist.	-4833 Jun 06 j 03:10	11°♉33'09	0.60367 AU	
inferior conj	-4833 Jun 09 j 11:20	8°♉46'24	-4°-13'-27	
minimum elong	-4833 Jun 09 j 11:15	8°♉46'34	4°13'20	
morning rise	-4833 Jun 16 j 20:19	4°♉02'51		
direct	-4833 Jun 19 j 08:02	3°♉39'01		
morning max el	-4833 Jun 26 j 14:14	7°♉11'06	18°10'50	
asc. node	-4833 Jun 30 j 22:57	12°♉24'35		
	-4833 Jul 11 j 06:13	0°♊		
morning set	-4833 Jul 12 j 13:37	2°♊26'49		
superior conj	-4833 Jul 22 j 09:50	20°♊38'04	1°46'18	
minimum elong	-4833 Jul 22 j 11:55	20°♊47'30	1°46'29	
	-4833 Jul 27 j 17:37	0°♋		
max. Earth dist.	-4833 Jul 29 j 22:34	3°♋45'54	1.41186 AU	
evening rise	-4833 Aug 04 j 08:00	12°♋41'47		
desc. node	-4833 Aug 12 j 23:49	26°♋18'37		
	-4833 Aug 15 j 10:22	0°♌		
greatest brilliancy	-4833 Sep 02 j 03:15	24°♌29'56	-0.3m	
evening max el	-4833 Sep 06 j 23:47	29°♌56'11	22°44'55	
	-4833 Sep 07 j 01:18	0°♍		
retrograde	-4833 Sep 16 j 20:11	5°♍46'41		
evening set	-4833 Sep 21 j 12:25	3°♍52'43		
	-4833 Sep 25 j 01:25	30°℞♌		
inferior conj	-4833 Sep 26 j 20:33	27°♌33'41	0°-1'-14	
minimum elong	-4833 Sep 26 j 20:34	27°♌33'37	0°01'06	
transit middle	-4833 Sep 26 j 20:34	27°♌33'37	0°01'06	
transit begin	-4833 Sep 26 j 17:53	27°♌42'55		
transit end	-4833 Sep 26 j 23:16	27°♌24'20		
min. Earth dist.	-4833 Sep 26 j 17:53	27°♌42'56	0.67392 AU	
asc. node	-4833 Sep 26 j 22:01	27°♌28'38		
morning rise	-4833 Oct 02 j 04:39	21°♌17'51		
direct	-4833 Oct 06 j 13:45	19°♌33'37		
morning max el	-4833 Oct 15 j 19:01	25°♌02'43	22°01'16	
	-4833 Oct 20 j 04:19	0°♍		
greatest brilliancy	-4833 Oct 20 j 15:14	0°♍33'35	-0.4m	
desc. node	-4833 Nov 08 j 23:48	27°♍56'55		
	-4833 Nov 10 j 07:58	0°♎		
morning set	-4833 Nov 17 j 05:20	10°♎48'30		
max. Earth dist.	-4833 Nov 23 j 11:44	21°♎03'09	1.41350 AU	
	-4833 Nov 28 j 17:59	0°♏		
superior conj	-4833 Dec 01 j 03:59	4°♏13'33	-1°-49'-16	
minimum elong	-4833 Dec 01 j 01:21	4°♏01'58	1°49'18	
evening rise	-4833 Dec 11 j 16:12	23°♏20'50		
	-4833 Dec 15 j 06:44	0°♐		
asc. node	-4833 Dec 23 j 20:43	14°♐21'48		
evening max el	-4833 Dec 27 j 23:33	19°♐21'37	18°13'11	
retrograde	-4832 Jan 03 j 23:39	22°♐53'22		
evening set	-4832 Jan 06 j 13:12	22°♐25'49		
inferior conj	-4832 Jan 13 j 13:28	17°♐36'07	4°05'22	
minimum elong	-4832 Jan 13 j 13:37	17°♐35'46	4°05'07	
min. Earth dist.	-4832 Jan 16 j 19:27	14°♐43'31	0.60335 AU	
morning rise	-4832 Jan 20 j 11:16	12°♐00'07		
direct	-4832 Jan 27 j 05:49	9°♐52'53		
desc. node	-4832 Feb 04 j 23:35	13°♐01'02		
morning max el	-4832 Feb 10 j 09:06	17°♐30'12	27°18'18	
	-4832 Feb 20 j 19:33	0°♑		
	-4832 Mar 09 j 13:05	0°♒		
morning set	-4832 Mar 12 j 16:40	6°♒22'49		
superior conj	-4832 Mar 19 j 20:51	21°♒44'58	0°-10'-3	
minimum elong	-4832 Mar 19 j 21:18	21°♒47'28	0°10'08	
behind sun begin	-4832 Mar 19 j 17:26	21°♒26'15		
behind sun end	-4832 Mar 20 j 01:11	22°♒08'40		
max. Earth dist.	-4832 Mar 19 j 06:00	20°♒23'53	1.32619 AU	
asc. node	-4832 Mar 20 j 20:06	23°♒52'05		
	-4832 Mar 23 j 15:39	0°♓		
evening rise	-4832 Mar 26 j 21:15	6°♓54'16		
	-4832 Apr 08 j 02:46	0°♈		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4832 Apr 23 j 11:05	20°♈14'34	25°40'20	
desc. node	-4832 May 02 j 22:10	26°♈37'24		
retrograde	-4832 May 07 j 13:16	27°♈28'06		
evening set	-4832 May 13 j 04:59	26°♈11'52		
min. Earth dist.	-4832 May 17 j 23:40	23°♈25'22	0.58350 AU	
inferior conj	-4832 May 21 j 06:07	21°♈04'17	-3°-56'-29	
minimum elong	-4832 May 21 j 02:43	21°♈10'27	3°56'00	
morning rise	-4832 May 29 j 04:27	16°♈42'14		
direct	-4832 May 31 j 15:26	16°♈22'50		
morning max el	-4832 Jun 08 j 20:39	20°♈15'32	18°44'15	
	-4832 Jun 16 j 07:40	0°♉		
asc. node	-4832 Jun 16 j 19:57	0°♉50'16		
morning set	-4832 Jun 25 j 05:31	16°♉16'58		
	-4832 Jul 02 j 07:11	0°♊		
superior conj	-4832 Jul 04 j 01:26	3°♊20'42	1°49'12	
minimum elong	-4832 Jul 04 j 01:00	3°♊18'41	1°49'25	
max. Earth dist.	-4832 Jul 11 j 01:02	16°♊08'00	1.39262 AU	
evening rise	-4832 Jul 15 j 04:13	23°♊18'47		
	-4832 Jul 19 j 04:16	0°♋		
desc. node	-4832 Jul 29 j 20:50	16°♋41'12		
	-4832 Aug 08 j 06:47	0°♌		
evening max el	-4832 Aug 19 j 11:56	13°♌22'51	24°05'51	
retrograde	-4832 Aug 30 j 11:06	19°♌49'55		
evening set	-4832 Sep 04 j 18:14	17°♌35'55		
min. Earth dist.	-4832 Sep 09 j 13:38	12°♌00'11	0.67279 AU	
inferior conj	-4832 Sep 10 j 02:42	11°♌15'54	0°-54'-21	
minimum elong	-4832 Sep 10 j 03:57	11°♌11'39	0°53'39	
asc. node	-4832 Sep 12 j 19:10	7°♌47'37		
morning rise	-4832 Sep 15 j 13:52	5°♌05'33		
direct	-4832 Sep 19 j 10:06	3°♌41'24		
morning max el	-4832 Sep 27 j 14:16	8°♌29'17	20°43'51	
greatest brilliancy	-4832 Oct 03 j 15:57	15°♌43'11	-0.5m	
	-4832 Oct 13 j 17:38	0°♍		
desc. node	-4832 Oct 25 j 20:41	18°♍25'41		
morning set	-4832 Oct 26 j 08:25	19°♍11'16		
	-4832 Nov 02 j 05:02	0°♎		
max. Earth dist.	-4832 Nov 04 j 18:42	4°♎07'59	1.43075 AU	
superior conj	-4832 Nov 11 j 05:22	14°♎44'07	-1°-31'-19	
minimum elong	-4832 Nov 10 j 23:27	14°♎19'21	1°30'53	
	-4832 Nov 20 j 03:07	0°♏		
evening rise	-4832 Nov 23 j 09:00	5°♏42'43		
	-4832 Dec 08 j 05:49	0°♐		
asc. node	-4832 Dec 09 j 17:50	1°♐45'44		
evening max el	-4832 Dec 10 j 11:12	2°♐31'15	18°08'28	
retrograde	-4832 Dec 17 j 01:57	6°♐00'05		
evening set	-4832 Dec 19 j 18:09	5°♐25'18		
inferior conj	-4832 Dec 26 j 06:53	0°♐13'50	3°57'22	
minimum elong	-4832 Dec 26 j 04:52	0°♐18'59	3°56'57	
	-4832 Dec 26 j 12:19	30°℞♏		
min. Earth dist.	-4832 Dec 29 j 01:41	27°♏24'54	0.62266 AU	
morning rise	-4831 Jan 01 j 13:33	24°♏23'19		
direct	-4831 Jan 08 j 15:09	21°♏48'09		
desc. node	-4831 Jan 21 j 20:38	28°♏49'41		
morning max el	-4831 Jan 22 j 13:18	29°♏29'51	27°41'25	
	-4831 Jan 23 j 01:27	0°♐		
	-4831 Feb 13 j 16:31	0°♑		
morning set	-4831 Feb 24 j 20:41	20°♑56'44		
	-4831 Mar 01 j 05:03	0°♒		
max. Earth dist.	-4831 Mar 02 j 16:31	3°♒09'47	1.32909 AU	
superior conj	-4831 Mar 04 j 07:07	6°♒38'11	0°-34'-45	
minimum elong	-4831 Mar 04 j 08:39	6°♒46'28	0°34'41	
asc. node	-4831 Mar 07 j 17:05	14°♒02'55		
evening rise	-4831 Mar 11 j 08:44	21°♒51'57		
	-4831 Mar 15 j 08:09	0°♓		
	-4831 Apr 04 j 00:28	0°♈		
evening max el	-4831 Apr 05 j 03:43	1°♈07'25	24°13'55	
retrograde	-4831 Apr 18 j 23:56	8°♈04'18		
desc. node	-4831 Apr 19 j 19:22	8°♈02'48		
evening set	-4831 Apr 23 j 08:51	7°♈21'36		
min. Earth dist.	-4831 Apr 29 j 15:34	4°♈17'00	0.56606 AU	
inferior conj	-4831 May 02 j 04:47	2°♈40'55	-3°-3'-40	
minimum elong	-4831 May 01 j 23:10	2°♈49'48	3°02'21	
	-4831 May 06 j 20:29	30°℞♓		
morning rise	-4831 May 10 j 17:29	28°♓36'42		
direct	-4831 May 13 j 04:07	28°♓20'42		
	-4831 May 19 j 01:02	0°♈		
morning max el	-4831 May 22 j 18:51	2°♈48'49	19°38'06	
asc. node	-4831 Jun 03 j 16:56	19°♈51'46		
	-4831 Jun 08 j 22:54	0°♉		
morning set	-4831 Jun 09 j 06:02	0°♉35'42		
superior conj	-4831 Jun 17 j 08:51	16°♉53'00	1°42'58	
minimum elong	-4831 Jun 17 j 06:50	16°♉43'04	1°43'01	
max. Earth dist.	-4831 Jun 23 j 03:29	27°♉59'39	1.37364 AU	
	-4831 Jun 24 j 05:23	0°♊		
evening rise	-4831 Jun 27 j 01:49	5°♊11'15		
	-4831 Jul 12 j 03:11	0°♋		
desc. node	-4831 Jul 16 j 17:53	6°♋46'51		
evening max el	-4831 Aug 01 j 22:25	26°♋51'58	25°22'18	
	-4831 Aug 05 j 10:16	0°♌		
retrograde	-4831 Aug 13 j 21:55	3°♌48'37		
evening set	-4831 Aug 19 j 20:14	1°♌16'43		
	-4831 Aug 21 j 04:12	30°℞♋		
min. Earth dist.	-4831 Aug 24 j 06:32	26°♋17'52	0.66850 AU	
inferior conj	-4831 Aug 25 j 06:47	24°♋58'49	-1°-45'-57	
minimum elong	-4831 Aug 25 j 09:10	24°♋51'04	1°44'48	
morning rise	-4831 Aug 30 j 22:37	18°♋57'10		
asc. node	-4831 Aug 30 j 16:18	19°♋07'55		
direct	-4831 Sep 03 j 08:04	17°♋50'24		
morning max el	-4831 Sep 10 j 16:47	22°♋04'42	19°38'33	
	-4831 Sep 17 j 03:00	0°♌		
greatest brilliancy	-4831 Sep 19 j 06:32	3°♌02'11	-0.7m	
morning set	-4831 Oct 05 j 09:01	27°♌33'32		
	-4831 Oct 06 j 22:40	0°♍		
desc. node	-4831 Oct 12 j 17:34	9°♍02'48		
max. Earth dist.	-4831 Oct 18 j 08:07	17°♍53'34	1.44266 AU	
superior conj	-4831 Oct 22 j 03:05	23°♍56'32	0°-57'00	
minimum elong	-4831 Oct 21 j 20:52	23°♍31'37	0°56'14	
	-4831 Oct 25 j 21:07	0°♎		
evening rise	-4831 Nov 05 j 06:15	17°♎10'34		
	-4831 Nov 12 j 21:57	0°♏		
evening max el	-4831 Nov 23 j 23:56	15°♏50'49	18°22'40	
asc. node	-4831 Nov 26 j 14:59	18°♏05'25		
retrograde	-4831 Nov 30 j 13:55	19°♏27'25		
evening set	-4831 Dec 03 j 09:59	18°♏44'01		
inferior conj	-4831 Dec 09 j 13:27	13°♏13'11	3°32'05	
minimum elong	-4831 Dec 09 j 10:23	13°♏21'53	3°31'18	
min. Earth dist.	-4831 Dec 11 j 18:00	10°♏44'49	0.63948 AU	
morning rise	-4831 Dec 15 j 09:19	7°♏11'37		
direct	-4831 Dec 22 j 08:07	4°♏23'00		
morning max el	-4830 Jan 04 j 21:45	12°♏04'50	27°28'47	
desc. node	-4830 Jan 08 j 17:38	16°♏10'05		
	-4830 Jan 19 j 07:00	0°♐		
	-4830 Feb 06 j 02:38	0°♑		
morning set	-4830 Feb 08 j 17:20	5°♑04'34		
max. Earth dist.	-4830 Feb 13 j 20:04	15°♑28'46	1.33580 AU	
superior conj	-4830 Feb 16 j 14:13	21°♑17'50	0°-58'-30	
minimum elong	-4830 Feb 16 j 16:39	21°♑30'47	0°58'20	
	-4830 Feb 20 j 15:49	0°♒		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4830 Feb 22 j 14:06	4°♒06'32	
evening rise	-4830 Feb 23 j 20:03	6°♒44'24	
	-4830 Mar 08 j 09:21	0°♓	
evening max el	-4830 Mar 17 j 20:44	11°♓51'26	22°39'49
retrograde	-4830 Mar 30 j 22:30	18°♓14'56	
evening set	-4830 Apr 03 j 02:39	17°♓52'50	
desc. node	-4830 Apr 06 j 16:32	16°♓40'08	
min. Earth dist.	-4830 Apr 11 j 06:05	14°♓17'52	0.55474 AU
inferior conj	-4830 Apr 12 j 09:27	13°♓38'38	-1°-32'-14
minimum elong	-4830 Apr 12 j 05:27	13°♓44'23	1°31'03
morning rise	-4830 Apr 21 j 10:36	9°♓41'11	
direct	-4830 Apr 23 j 23:34	9°♓26'08	
morning max el	-4830 May 05 j 06:47	14°♓43'35	20°51'37
	-4830 May 16 j 13:35	0°♈	
asc. node	-4830 May 21 j 13:55	9°♈20'22	
morning set	-4830 May 24 j 12:31	15°♈15'44	
	-4830 May 31 j 15:28	0°♉	
superior conj	-4830 Jun 01 j 03:31	1°♉01'51	1°30'08
minimum elong	-4830 Jun 01 j 00:51	0°♉48'08	1°29'56
max. Earth dist.	-4830 Jun 05 j 11:52	9°♉46'35	1.35707 AU
evening rise	-4830 Jun 09 j 19:57	18°♉07'09	
	-4830 Jun 16 j 10:24	0°♊	
desc. node	-4830 Jul 03 j 15:01	26°♊28'05	
	-4830 Jul 06 j 07:25	0°♋	
evening max el	-4830 Jul 15 j 09:13	10°♋21'33	26°26'12
retrograde	-4830 Jul 28 j 04:07	17°♋37'15	
evening set	-4830 Aug 03 j 16:15	14°♋53'08	
min. Earth dist.	-4830 Aug 07 j 18:16	10°♋32'57	0.66071 AU
inferior conj	-4830 Aug 09 j 06:55	8°♋40'30	-2°-34'-10
minimum elong	-4830 Aug 09 j 10:10	8°♋30'32	2°32'51
morning rise	-4830 Aug 15 j 04:59	2°♋50'35	
asc. node	-4830 Aug 17 j 13:24	2°♋00'40	
direct	-4830 Aug 18 j 05:56	1°♋57'58	
morning max el	-4830 Aug 25 j 01:34	5°♋47'12	18°48'11
	-4830 Sep 10 j 20:49	0°♌	
morning set	-4830 Sep 15 j 04:23	6°♌53'39	
desc. node	-4830 Sep 29 j 14:29	29°♌45'12	
	-4830 Sep 29 j 18:15	0°♍	
superior conj	-4830 Oct 01 j 05:06	2°♍17'21	0°-10'-7
minimum elong	-4830 Oct 01 j 03:47	2°♍12'10	0°09'49
behind sun begin	-4830 Sep 30 j 18:33	1°♍35'45	
behind sun end	-4830 Oct 01 j 13:01	2°♍48'34	
max. Earth dist.	-4830 Oct 01 j 01:02	2°♍01'18	1.44784 AU
evening rise	-4830 Oct 17 j 03:34	27°♍35'33	
	-4830 Oct 18 j 15:34	0°♎	
evening max el	-4830 Nov 07 j 11:13	29°♎15'50	18°54'40
	-4830 Nov 08 j 05:01	0°♏	
asc. node	-4830 Nov 13 j 12:09	3°♏05'24	
retrograde	-4830 Nov 14 j 07:41	3°♏09'07	
evening set	-4830 Nov 17 j 09:29	2°♏14'56	
	-4830 Nov 20 j 03:55	30°℞♎	
inferior conj	-4830 Nov 23 j 05:43	26°♎27'42	2°55'17
minimum elong	-4830 Nov 23 j 02:30	26°♎37'36	2°54'16
min. Earth dist.	-4830 Nov 24 j 20:01	24°♎29'55	0.65300 AU
morning rise	-4830 Nov 28 j 18:28	20°♎18'03	
direct	-4830 Dec 05 j 07:42	17°♎30'09	
morning max el	-4830 Dec 18 j 07:29	25°♎02'55	26°44'48
	-4830 Dec 22 j 20:49	0°♏	
desc. node	-4830 Dec 26 j 14:36	4°♏35'27	
	-4829 Jan 12 j 17:33	0°♐	
morning set	-4829 Jan 23 j 03:09	18°♐34'57	
max. Earth dist.	-4829 Jan 27 j 13:02	27°♐12'09	1.34683 AU
	-4829 Jan 28 j 22:21	0°♑	
superior conj	-4829 Jan 31 j 16:01	5°♑36'53	-1°-20'-4
minimum elong	-4829 Jan 31 j 18:59	5°♑52'16	1°19'56
evening rise	-4829 Feb 08 j 05:25	21°♑25'15	
asc. node	-4829 Feb 09 j 11:08	23°♑58'02	
	-4829 Feb 12 j 11:38	0°♒	
evening max el	-4829 Feb 27 j 20:18	22°♒53'01	21°11'06
retrograde	-4829 Mar 11 j 12:36	28°♒27'20	
evening set	-4829 Mar 14 j 00:35	28°♒12'56	
inferior conj	-4829 Mar 23 j 05:08	24°♒14'15	0°22'24
minimum elong	-4829 Mar 23 j 06:10	24°♒12'48	0°21'53
min. Earth dist.	-4829 Mar 23 j 20:30	23°♒52'27	0.55217 AU
desc. node	-4829 Mar 24 j 13:42	23°♒28'10	
morning rise	-4829 Apr 01 j 11:01	20°♒06'16	
direct	-4829 Apr 04 j 11:54	19°♒46'04	
morning max el	-4829 Apr 17 j 07:56	25°♒57'02	22°21'25
	-4829 Apr 21 j 02:58	0°♓	
asc. node	-4829 May 08 j 10:52	29°♓08'21	
morning set	-4829 May 08 j 22:41	0°♈09'35	
	-4829 May 08 j 20:51	0°♈	
superior conj	-4829 May 16 j 05:54	15°♈35'34	1°12'33
minimum elong	-4829 May 16 j 03:16	15°♈21'40	1°12'12
max. Earth dist.	-4829 May 19 j 06:03	21°♈52'01	1.34402 AU
	-4829 May 23 j 06:44	0°♉	
evening rise	-4829 May 24 j 05:12	1°♉50'06	
	-4829 Jun 09 j 08:46	0°♊	
desc. node	-4829 Jun 20 j 12:09	15°♊33'27	
evening max el	-4829 Jun 27 j 20:34	23°♊43'31	27°09'35
	-4829 Jul 06 j 10:21	0°♋	
retrograde	-4829 Jul 11 j 05:04	1°♋07'22	
	-4829 Jul 15 j 15:36	30°℞♊	
evening set	-4829 Jul 18 j 03:38	28°♊20'29	
min. Earth dist.	-4829 Jul 21 j 22:36	24°♊38'15	0.64916 AU
inferior conj	-4829 Jul 24 j 00:52	22°♊16'11	-3°-16'-46
minimum elong	-4829 Jul 24 j 04:28	22°♊05'59	3°15'37
morning rise	-4829 Jul 30 j 06:40	16°♊41'13	
direct	-4829 Aug 02 j 01:31	15°♊59'30	
asc. node	-4829 Aug 04 j 10:29	16°♊29'28	
morning max el	-4829 Aug 08 j 14:31	19°♊32'03	18°14'24
	-4829 Aug 16 j 10:23	0°♋	
morning set	-4829 Aug 27 j 02:47	17°♋31'44	
	-4829 Sep 03 j 16:08	0°♌	
superior conj	-4829 Sep 10 j 07:58	10°♌44'55	0°38'08
minimum elong	-4829 Sep 10 j 12:24	11°♌02'40	0°37'46
max. Earth dist.	-4829 Sep 13 j 18:40	16°♌13'45	1.44573 AU
desc. node	-4829 Sep 16 j 11:26	20°♌29'24	
	-4829 Sep 22 j 13:05	0°♍	
evening rise	-4829 Sep 27 j 00:06	6°♍56'52	
	-4829 Oct 12 j 01:16	0°♎	
greatest brilliancy	-4829 Oct 13 j 15:10	2°♎17'56	-0.7m
evening max el	-4829 Oct 21 j 18:44	12°♎43'04	19°43'02
retrograde	-4829 Oct 29 j 04:15	17°♎01'04	
asc. node	-4829 Oct 31 j 09:17	16°♎32'42	
evening set	-4829 Nov 01 j 14:01	15°♎53'22	
inferior conj	-4829 Nov 07 j 04:46	9°♎52'54	2°10'53
minimum elong	-4829 Nov 07 j 02:03	10°♎01'46	2°09'54
min. Earth dist.	-4829 Nov 08 j 06:03	8°♎30'14	0.66299 AU
morning rise	-4829 Nov 12 j 13:23	3°♎37'56	
direct	-4829 Nov 18 j 13:05	1°♎01'51	
morning max el	-4829 Nov 30 j 16:38	8°♎12'38	25°37'24
desc. node	-4829 Dec 13 j 11:34	23°♎46'49	
	-4829 Dec 17 j 20:23	0°♏	
	-4828 Jan 05 j 05:09	0°♐	
morning set	-4828 Jan 05 j 21:31	1°♐14'14	
max. Earth dist.	-4828 Jan 09 j 18:23	8°♐26'14	1.36233 AU
superior conj	-4828 Jan 15 j 09:53	19°♐27'29	-1°-37'-52

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4828 Jan 15 j 12:44	19°♐41'45	1°37'51	
	-4828 Jan 20 j 14:32	0°♑		
evening rise	-4828 Jan 23 j 10:55	5°♑48'43		
asc. node	-4828 Jan 27 j 08:11	13°♑32'09		
	-4828 Feb 06 j 06:51	0°♒		
evening max el	-4828 Feb 10 j 05:55	4°♒27'47	19°56'34	
retrograde	-4828 Feb 20 j 05:37	9°♒11'22		
evening set	-4828 Feb 22 j 14:03	8°♒56'51		
inferior conj	-4828 Mar 02 j 05:49	4°♒55'58	2°08'56	
minimum elong	-4828 Mar 02 j 10:37	4°♒48'35	2°07'19	
min. Earth dist.	-4828 Mar 04 j 10:47	3°♒34'53	0.55888 AU	
desc. node	-4828 Mar 10 j 10:49	0°♒36'54		
morning rise	-4828 Mar 11 j 04:11	0°♒23'07		
	-4828 Mar 12 j 19:00	30°℞♑		
direct	-4828 Mar 15 j 05:41	29°♑46'35		
	-4828 Mar 17 j 15:57	0°♒		
morning max el	-4828 Mar 29 j 01:01	6°♒40'06	23°59'49	
	-4828 Apr 14 j 17:21	0°♓		
morning set	-4828 Apr 22 j 10:43	15°♓11'25		
asc. node	-4828 Apr 24 j 07:51	19°♓10'08		
	-4828 Apr 29 j 08:33	0°♈		
superior conj	-4828 Apr 29 j 13:22	0°♈25'56	0°51'41	
minimum elong	-4828 Apr 29 j 11:17	0°♈14'39	0°51'17	
max. Earth dist.	-4828 May 01 j 09:53	4°♈24'25	1.33468 AU	
evening rise	-4828 May 07 j 01:11	16°♈06'54		
	-4828 May 14 j 07:41	0°♉		
	-4828 Jun 03 j 02:05	0°♊		
desc. node	-4828 Jun 06 j 09:17	3°♊47'45		
evening max el	-4828 Jun 09 j 06:51	6°♊45'57	27°25'27	
retrograde	-4828 Jun 22 j 23:55	14°♊10'44		
evening set	-4828 Jun 30 j 03:04	11°♊33'31		
min. Earth dist.	-4828 Jul 03 j 17:42	8°♊24'12	0.63386 AU	
inferior conj	-4828 Jul 06 j 09:57	5°♊40'34	-3°-50'-35	
minimum elong	-4828 Jul 06 j 13:05	5°♊32'33	3°49'52	
morning rise	-4828 Jul 13 j 01:04	0°♊23'42		
	-4828 Jul 14 j 06:15	30°℞♉		
direct	-4828 Jul 15 j 15:57	29°♉50'17		
	-4828 Jul 17 j 01:31	0°♊		
asc. node	-4828 Jul 21 j 07:32	2°♊24'03		
morning max el	-4828 Jul 22 j 05:10	3°♊14'34	17°58'17	
morning set	-4828 Aug 08 j 02:01	29°♊20'37		
	-4828 Aug 08 j 11:02	0°♋		
superior conj	-4828 Aug 20 j 07:36	20°♋14'58	1°16'10	
minimum elong	-4828 Aug 20 j 13:29	20°♋39'20	1°15'49	
	-4828 Aug 26 j 06:50	0°♌		
max. Earth dist.	-4828 Aug 26 j 10:11	0°♌13'28	1.43672 AU	
desc. node	-4828 Sep 02 j 08:23	11°♌12'10		
evening rise	-4828 Sep 05 j 04:47	15°♌38'09		
	-4828 Sep 14 j 14:53	0°♍		
greatest brilliancy	-4828 Sep 27 j 23:12	19°♍08'17	-0.5m	
evening max el	-4828 Oct 03 j 20:36	26°♍09'22	20°45'37	
	-4828 Oct 08 j 14:24	0°♎		
retrograde	-4828 Oct 12 j 01:17	0°♎59'35		
	-4828 Oct 15 j 06:51	30°℞♍		
evening set	-4828 Oct 15 j 21:18	29°♍35'29		
asc. node	-4828 Oct 17 j 06:26	28°♍24'10		
inferior conj	-4828 Oct 21 j 08:12	23°♍25'01	1°21'33	
minimum elong	-4828 Oct 21 j 06:24	23°♍31'10	1°20'52	
min. Earth dist.	-4828 Oct 21 j 21:52	22°♍38'36	0.66964 AU	
morning rise	-4828 Oct 26 j 15:04	17°♍07'28		
direct	-4828 Oct 31 j 23:29	14°♍49'59		
morning max el	-4828 Nov 12 j 01:21	21°♍26'20	24°15'52	
	-4828 Nov 19 j 11:34	0°♎		
desc. node	-4828 Nov 29 j 08:28	13°♎30'05		
	-4828 Dec 10 j 03:04	0°♏		
morning set	-4828 Dec 17 j 18:29	12°♏45'17		
max. Earth dist.	-4828 Dec 21 j 15:52	19°♏37'00	1.38146 AU	
	-4828 Dec 27 j 06:52	0°♐		
superior conj	-4828 Dec 28 j 16:09	2°♐38'26	-1°-49'-46	
minimum elong	-4828 Dec 28 j 17:53	2°♐46'43	1°49'54	
evening rise	-4827 Jan 06 j 10:11	19°♐47'23		
	-4827 Jan 11 j 17:35	0°♑		
asc. node	-4827 Jan 13 j 05:13	2°♑41'34		
evening max el	-4827 Jan 23 j 01:35	16°♑36'39	19°00'35	
retrograde	-4827 Jan 31 j 13:26	20°♑40'47		
evening set	-4827 Feb 02 j 23:18	20°♑22'30		
inferior conj	-4827 Feb 10 j 22:40	16°♑06'12	3°22'51	
minimum elong	-4827 Feb 11 j 03:12	15°♑58'12	3°21'43	
min. Earth dist.	-4827 Feb 14 j 01:53	13°♑54'27	0.57313 AU	
morning rise	-4827 Feb 19 j 03:26	11°♑04'21		
direct	-4827 Feb 24 j 11:02	9°♑57'29		
desc. node	-4827 Feb 25 j 07:56	9°♑59'18		
morning max el	-4827 Mar 10 j 15:54	17°♑16'51	25°34'05	
	-4827 Mar 21 j 02:34	0°♒		
morning set	-4827 Apr 06 j 22:52	0°♓14'27		
	-4827 Apr 06 j 20:06	0°♓		
asc. node	-4827 Apr 11 j 04:48	9°♓20'07		
superior conj	-4827 Apr 13 j 23:50	15°♓25'21	0°28'37	
minimum elong	-4827 Apr 13 j 22:36	15°♓18'39	0°28'17	
max. Earth dist.	-4827 Apr 14 j 20:19	17°♓16'53	1.32876 AU	
	-4827 Apr 20 j 19:36	0°♈		
evening rise	-4827 Apr 21 j 04:31	0°♈45'56		
	-4827 May 07 j 09:04	0°♉		
evening max el	-4827 May 22 j 13:25	19°♉15'50	27°09'22	
desc. node	-4827 May 24 j 06:25	20°♉49'35		
retrograde	-4827 Jun 05 j 12:03	26°♉38'49		
evening set	-4827 Jun 12 j 10:42	24°♉25'05		
min. Earth dist.	-4827 Jun 16 j 02:47	21°♉37'40	0.61529 AU	
inferior conj	-4827 Jun 19 j 07:00	18°♉46'23	-4°-10'-46	
minimum elong	-4827 Jun 19 j 08:28	18°♉43'03	4°10'31	
morning rise	-4827 Jun 26 j 09:00	13°♉50'28		
direct	-4827 Jun 28 j 21:39	13°♉23'26		
morning max el	-4827 Jul 05 j 18:55	16°♉49'09	18°00'47	
asc. node	-4827 Jul 08 j 04:34	19°♉29'09		
	-4827 Jul 15 j 02:51	0°♊		
morning set	-4827 Jul 21 j 20:50	12°♊06'20		
	-4827 Jul 31 j 19:26	0°♋		
superior conj	-4827 Aug 01 j 11:02	1°♋08'06	1°39'22	
minimum elong	-4827 Aug 01 j 14:48	1°♋24'32	1°39'23	
max. Earth dist.	-4827 Aug 08 j 20:43	13°♋42'26	1.42202 AU	
evening rise	-4827 Aug 15 j 12:50	24°♋30'34		
	-4827 Aug 19 j 00:49	0°♌		
desc. node	-4827 Aug 20 j 05:22	1°♌50'27		
	-4827 Sep 08 j 15:34	0°♍		
greatest brilliancy	-4827 Sep 11 j 20:54	4°♍07'16	-0.4m	
evening max el	-4827 Sep 16 j 16:06	9°♍34'14	21°59'16	
retrograde	-4827 Sep 25 j 21:04	15°♍02'23		
evening set	-4827 Sep 30 j 05:26	13°♍19'34		
asc. node	-4827 Oct 04 j 03:34	9°♍00'18		
inferior conj	-4827 Oct 05 j 14:06	7°♍02'30	0°29'23	
minimum elong	-4827 Oct 05 j 13:25	7°♍04'51	0°29'12	
min. Earth dist.	-4827 Oct 05 j 17:11	6°♍51'50	0.67317 AU	
morning rise	-4827 Oct 10 j 21:13	0°♍45'12		
	-4827 Oct 11 j 21:31	30°℞♌		
direct	-4827 Oct 15 j 14:25	28°♌49'00		
	-4827 Oct 19 j 15:42	0°♍		
morning max el	-4827 Oct 25 j 11:57	4°♍43'23	22°49'41	
greatest brilliancy	-4827 Oct 30 j 07:10	10°♍07'30	-0.3m	
	-4827 Nov 13 j 19:20	0°♎		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4827 Nov 16 j 05:23	3°♎36'15	
morning set	-4827 Nov 28 j 12:30	22°♎55'32	
	-4827 Dec 02 j 18:08	0°♏	
max. Earth dist.	-4827 Dec 03 j 12:48	1°♏19'33	1.40207 AU
superior conj	-4827 Dec 11 j 06:17	14°♏57'51	-1°-52'-51
minimum elong	-4827 Dec 11 j 05:35	14°♏54'42	1°53'01
	-4827 Dec 19 j 07:32	0°♐	
evening rise	-4827 Dec 21 j 00:32	3°♐14'51	
asc. node	-4827 Dec 31 j 02:17	21°♐18'28	
evening max el	-4826 Jan 06 j 05:35	29°♐15'11	18°24'40
	-4826 Jan 07 j 01:01	0°♑	
retrograde	-4826 Jan 13 j 15:47	2°♑54'54	
evening set	-4826 Jan 16 j 03:51	2°♑31'09	
	-4826 Jan 20 j 19:39	30°℞♐	
inferior conj	-4826 Jan 23 j 11:52	27°♐54'05	3°59'02
minimum elong	-4826 Jan 23 j 13:42	27°♐50'20	3°58'38
min. Earth dist.	-4826 Jan 26 j 20:36	25°♐09'31	0.59185 AU
morning rise	-4826 Jan 30 j 20:15	22°♐28'10	
direct	-4826 Feb 06 j 04:57	20°♐42'23	
desc. node	-4826 Feb 12 j 05:01	22°♐11'13	
morning max el	-4826 Feb 20 j 10:33	28°♐15'47	26°48'54
	-4826 Feb 22 j 03:45	0°♑	
	-4826 Mar 14 j 15:48	0°♒	
morning set	-4826 Mar 22 j 09:25	15°♒12'15	
superior conj	-4826 Mar 29 j 11:33	0°♓27'31	0°04'16
minimum elong	-4826 Mar 29 j 11:22	0°♓26'32	0°04'05
behind sun begin	-4826 Mar 29 j 06:31	0°♓00'00	
behind sun end	-4826 Mar 29 j 16:13	0°♓53'04	
asc. node	-4826 Mar 29 j 01:45	29°♒33'54	
	-4826 Mar 29 j 06:31	0°♓	
max. Earth dist.	-4826 Mar 29 j 09:42	0°♓17'27	1.32615 AU
evening rise	-4826 Apr 05 j 12:37	15°♓38'17	
	-4826 Apr 12 j 19:10	0°♈	
	-4826 May 03 j 11:54	0°♉	
evening max el	-4826 May 04 j 14:09	1°♉04'37	26°20'54
desc. node	-4826 May 11 j 03:34	6°♉09'07	
retrograde	-4826 May 18 j 16:17	8°♉23'51	
evening set	-4826 May 24 j 22:37	6°♉45'07	
min. Earth dist.	-4826 May 29 j 03:04	4°♉03'11	0.59494 AU
inferior conj	-4826 Jun 01 j 12:20	1°♉24'22	-4°-10'-5
minimum elong	-4826 Jun 01 j 10:52	1°♉27'14	4°09'54
	-4826 Jun 03 j 08:17	30°℞♈	
morning rise	-4826 Jun 09 j 02:52	26°♈50'33	
direct	-4826 Jun 11 j 14:12	26°♈28'46	
morning max el	-4826 Jun 19 j 04:56	0°♉07'42	18°22'40
	-4826 Jun 19 j 01:39	0°♉	
asc. node	-4826 Jun 25 j 01:35	7°♉29'18	
morning set	-4826 Jul 05 j 06:14	25°♉35'45	
	-4826 Jul 07 j 13:38	0°♊	
superior conj	-4826 Jul 14 j 15:06	13°♊15'30	1°48'51
minimum elong	-4826 Jul 14 j 16:02	13°♊19'46	1°49'04
max. Earth dist.	-4826 Jul 22 j 01:05	26°♊27'14	1.40370 AU
	-4826 Jul 24 j 02:56	0°♋	
evening rise	-4826 Jul 26 j 17:43	4°♋22'40	
desc. node	-4826 Aug 07 j 02:22	22°♋19'59	
	-4826 Aug 12 j 06:47	0°♌	
greatest brilliancy	-4826 Aug 23 j 20:29	15°♌42'10	-0.2m
evening max el	-4826 Aug 30 j 06:07	22°♌58'45	23°19'23
retrograde	-4826 Sep 09 j 14:11	29°♌06'06	
evening set	-4826 Sep 14 j 12:36	27°♌03'25	
inferior conj	-4826 Sep 19 j 20:39	20°♌43'17	0°-23'-52
minimum elong	-4826 Sep 19 j 21:12	20°♌41'24	0°23'28
min. Earth dist.	-4826 Sep 19 j 13:33	21°♌07'41	0.67375 AU
asc. node	-4826 Sep 21 j 00:43	19°♌07'45	
morning rise	-4826 Sep 25 j 05:50	14°♌29'19	
direct	-4826 Sep 29 j 09:07	12°♌54'05	
morning max el	-4826 Oct 08 j 03:22	18°♌05'28	21°27'07
greatest brilliancy	-4826 Oct 13 j 09:00	24°♌08'52	-0.4m
	-4826 Oct 17 j 19:00	0°♍	
desc. node	-4826 Nov 03 j 02:18	23°♍58'07	
	-4826 Nov 06 j 23:30	0°♎	
morning set	-4826 Nov 08 j 02:50	1°♎47'29	
max. Earth dist.	-4826 Nov 15 j 14:50	13°♎51'42	1.42130 AU
superior conj	-4826 Nov 22 j 22:37	26°♎11'28	-1°-43'-35
minimum elong	-4826 Nov 22 j 18:28	25°♎53'37	1°43'28
	-4826 Nov 25 j 03:15	0°♏	
evening rise	-4826 Dec 04 j 02:23	16°♏02'57	
	-4826 Dec 11 j 22:12	0°♐	
asc. node	-4826 Dec 17 j 23:23	9°♐12'45	
evening max el	-4826 Dec 20 j 15:17	12°♐15'58	18°08'51
retrograde	-4826 Dec 27 j 10:26	15°♐45'11	
evening set	-4826 Dec 30 j 00:54	15°♐14'52	
inferior conj	-4825 Jan 05 j 20:00	10°♐15'59	4°04'32
minimum elong	-4825 Jan 05 j 19:06	10°♐18'08	4°04'15
min. Earth dist.	-4825 Jan 08 j 22:01	7°♐22'04	0.61172 AU
morning rise	-4825 Jan 12 j 10:47	4°♐33'02	
direct	-4825 Jan 19 j 09:41	2°♐12'02	
desc. node	-4825 Jan 30 j 02:06	6°♐51'29	
morning max el	-4825 Feb 02 j 11:22	9°♐52'39	27°32'33
	-4825 Feb 18 j 02:56	0°♑	
morning set	-4825 Mar 06 j 16:30	29°♑57'54	
	-4825 Mar 06 j 16:55	0°♒	
max. Earth dist.	-4825 Mar 12 j 22:15	13°♒12'40	1.32693 AU
superior conj	-4825 Mar 13 j 22:53	15°♒26'40	0°-20'-34
minimum elong	-4825 Mar 13 j 23:48	15°♒31'42	0°20'35
asc. node	-4825 Mar 15 j 22:43	19°♒47'36	
evening rise	-4825 Mar 20 j 23:26	0°♓36'39	
	-4825 Mar 20 j 16:28	0°♓	
	-4825 Apr 06 j 06:51	0°♈	
evening max el	-4825 Apr 16 j 09:07	12°♈15'08	25°05'28
desc. node	-4825 Apr 28 j 00:45	19°♈10'23	
retrograde	-4825 Apr 30 j 10:24	19°♈23'55	
evening set	-4825 May 05 j 13:16	18°♈23'16	
min. Earth dist.	-4825 May 10 j 21:33	15°♈30'18	0.57549 AU
inferior conj	-4825 May 13 j 22:46	13°♈26'12	-3°-38'-57
minimum elong	-4825 May 13 j 18:07	13°♈34'09	3°38'07
morning rise	-4825 May 22 j 03:12	9°♈12'35	
direct	-4825 May 24 j 13:42	8°♈54'57	
morning max el	-4825 Jun 02 j 08:18	13°♈01'13	19°04'39
asc. node	-4825 Jun 11 j 22:36	26°♈12'03	
	-4825 Jun 14 j 01:28	0°♉	
morning set	-4825 Jun 19 j 02:13	9°♉39'29	
superior conj	-4825 Jun 27 j 14:08	26°♉21'39	1°47'30
minimum elong	-4825 Jun 27 j 12:55	26°♉15'45	1°47'40
	-4825 Jun 29 j 11:51	0°♊	
max. Earth dist.	-4825 Jul 04 j 02:21	8°♊32'10	1.38437 AU
evening rise	-4825 Jul 08 j 01:17	15°♊33'37	
	-4825 Jul 16 j 17:27	0°♋	
desc. node	-4825 Jul 24 j 23:23	12°♋36'11	
	-4825 Aug 06 j 21:30	0°♌	
evening max el	-4825 Aug 12 j 17:14	6°♌26'27	24°39'25
retrograde	-4825 Aug 24 j 03:32	13°♌07'45	
evening set	-4825 Aug 29 j 17:02	10°♌45'54	
min. Earth dist.	-4825 Sep 03 j 08:31	5°♌25'13	0.67134 AU
inferior conj	-4825 Sep 04 j 02:09	4°♌26'15	-1°-16'-33
minimum elong	-4825 Sep 04 j 03:54	4°♌20'23	1°15'37
asc. node	-4825 Sep 07 j 21:53	29°♋47'09	
	-4825 Sep 07 j 16:50	30°℞♋	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning rise	-4825 Sep 09 j 15:05	28°♋18'54	
direct	-4825 Sep 13 j 06:26	27°♋02'29	
	-4825 Sep 19 j 09:33	0°♌	
morning max el	-4825 Sep 21 j 01:38	1°♌35'27	20°14'17
greatest brilliancy	-4825 Sep 28 j 00:20	10°♌05'31	-0.6m
	-4825 Oct 11 j 13:28	0°♍	
morning set	-4825 Oct 18 j 01:45	10°♍00'44	
desc. node	-4825 Oct 20 j 23:11	14°♍30'46	
max. Earth dist.	-4825 Oct 29 j 00:09	27°♍13'23	1.43654 AU
	-4825 Oct 30 j 17:36	0°♎	
superior conj	-4825 Nov 03 j 12:07	6°♎08'07	-1°-18'-43
minimum elong	-4825 Nov 03 j 05:29	5°♎40'55	1°18'05
evening rise	-4825 Nov 16 j 11:24	28°♎02'30	
	-4825 Nov 17 j 14:34	0°♏	
evening max el	-4825 Dec 04 j 03:47	25°♏30'51	18°12'22
asc. node	-4825 Dec 04 j 20:32	26°♏11'25	
retrograde	-4825 Dec 10 j 17:12	29°♏01'32	
evening set	-4825 Dec 13 j 10:54	28°♏23'18	
inferior conj	-4825 Dec 19 j 19:26	23°♏03'34	3°48'21
minimum elong	-4825 Dec 19 j 16:50	23°♏10'30	3°47'47
min. Earth dist.	-4825 Dec 22 j 08:28	20°♏21'33	0.63017 AU
morning rise	-4825 Dec 25 j 21:02	17°♏08'13	
direct	-4824 Jan 01 j 22:40	14°♏25'07	
morning max el	-4824 Jan 15 j 17:27	22°♏07'43	27°40'15
desc. node	-4824 Jan 16 j 23:09	23°♏22'52	
	-4824 Jan 22 j 17:07	0°♐	
	-4824 Feb 11 j 05:06	0°♑	
morning set	-4824 Feb 18 j 17:45	14°♑22'08	
max. Earth dist.	-4824 Feb 24 j 06:07	25°♑48'06	1.33141 AU
superior conj	-4824 Feb 26 j 08:03	0°♒15'26	0°-45'00
minimum elong	-4824 Feb 26 j 10:00	0°♒25'54	0°44'52
	-4824 Feb 26 j 05:11	0°♒	
asc. node	-4824 Mar 01 j 19:42	9°♒56'14	
evening rise	-4824 Mar 04 j 11:03	15°♒33'16	
	-4824 Mar 11 j 17:58	0°♓	
evening max el	-4824 Mar 28 j 01:22	23°♓02'02	23°34'06
retrograde	-4824 Apr 10 j 15:40	29°♓46'22	
desc. node	-4824 Apr 13 j 21:56	29°♓22'54	
evening set	-4824 Apr 14 j 11:12	29°♓14'27	
min. Earth dist.	-4824 Apr 21 j 12:51	25°♓58'29	0.56035 AU
inferior conj	-4824 Apr 23 j 13:14	24°♓45'58	-2°-29'-15
minimum elong	-4824 Apr 23 j 07:44	24°♓54'15	2°27'47
morning rise	-4824 May 02 j 07:40	20°♓45'57	
direct	-4824 May 04 j 18:42	20°♓30'44	
morning max el	-4824 May 15 j 02:16	25°♓18'54	20°06'57
	-4824 May 19 j 07:23	0°♈	
asc. node	-4824 May 28 j 19:34	15°♈26'12	
morning set	-4824 Jun 02 j 05:35	24°♈08'19	
	-4824 Jun 05 j 02:38	0°♉	
superior conj	-4824 Jun 10 j 02:49	10°♉10'49	1°38'11
minimum elong	-4824 Jun 10 j 00:25	9°♉58'47	1°38'09
max. Earth dist.	-4824 Jun 15 j 06:46	20°♉18'58	1.36630 AU
evening rise	-4824 Jun 19 j 08:21	27°♉55'20	
	-4824 Jun 20 j 11:49	0°♊	
	-4824 Jul 09 j 01:24	0°♋	
desc. node	-4824 Jul 10 j 20:28	2°♋32'31	
evening max el	-4824 Jul 25 j 03:58	19°♋57'21	25°51'33
retrograde	-4824 Aug 06 j 12:22	27°♋02'49	
evening set	-4824 Aug 12 j 16:46	24°♋25'10	
min. Earth dist.	-4824 Aug 16 j 23:34	19°♋42'28	0.66565 AU
inferior conj	-4824 Aug 18 j 04:50	18°♋09'18	-2°-6'-55
minimum elong	-4824 Aug 18 j 07:37	18°♋00'24	2°05'41
morning rise	-4824 Aug 23 j 23:06	12°♋12'03	
asc. node	-4824 Aug 24 j 19:01	11°♋44'58	
direct	-4824 Aug 27 j 04:45	11°♋11'32	
morning max el	-4824 Sep 03 j 06:56	15°♋13'55	19°15'07
	-4824 Sep 14 j 07:23	0°♌	
morning set	-4824 Sep 26 j 08:25	18°♌42'46	
	-4824 Oct 03 j 13:03	0°♍	
desc. node	-4824 Oct 06 j 20:05	5°♍10'37	
max. Earth dist.	-4824 Oct 10 j 15:44	11°♍11'58	1.44576 AU
superior conj	-4824 Oct 12 j 23:41	14°♍53'32	0°-38'-7
minimum elong	-4824 Oct 12 j 19:00	14°♍34'59	0°37'27
	-4824 Oct 22 j 09:40	0°♎	
evening rise	-4824 Oct 27 j 22:53	9°♎04'34	
	-4824 Nov 09 j 21:17	0°♏	
evening max el	-4824 Nov 16 j 16:17	8°♏53'49	18°34'15
asc. node	-4824 Nov 20 j 17:42	11°♏59'33	
retrograde	-4824 Nov 23 j 07:59	12°♏36'07	
evening set	-4824 Nov 26 j 06:22	11°♏48'15	
inferior conj	-4824 Dec 02 j 06:31	6°♏10'02	3°17'38
minimum elong	-4824 Dec 02 j 03:17	6°♏19'32	3°16'43
min. Earth dist.	-4824 Dec 04 j 04:50	3°♏54'05	0.64567 AU
morning rise	-4824 Dec 07 j 22:58	0°♏05'00	
	-4824 Dec 08 j 01:23	30°℞♎	
direct	-4824 Dec 14 j 18:26	27°♎15'15	
	-4824 Dec 22 j 07:06	0°♏	
morning max el	-4824 Dec 28 j 02:37	4°♏53'42	27°13'35
desc. node	-4823 Jan 02 j 20:09	11°♏13'45	
	-4823 Jan 16 j 07:15	0°♐	
morning set	-4823 Feb 01 j 10:14	28°♐15'22	
	-4823 Feb 02 j 07:36	0°♑	
max. Earth dist.	-4823 Feb 06 j 05:36	7°♑52'58	1.33999 AU
superior conj	-4823 Feb 09 j 13:10	14°♑47'22	-1°-7'-59
minimum elong	-4823 Feb 09 j 15:54	15°♑01'43	1°07'49
evening rise	-4823 Feb 16 j 21:46	0°♒21'50	
asc. node	-4823 Feb 16 j 16:43	29°♑55'31	
	-4823 Feb 16 j 17:35	0°♒	
	-4823 Mar 06 j 06:43	0°♓	
evening max el	-4823 Mar 09 j 20:33	3°♓50'47	22°00'45
retrograde	-4823 Mar 22 j 09:10	9°♓54'07	
evening set	-4823 Mar 25 j 04:59	9°♓36'24	
desc. node	-4823 Mar 31 j 19:07	7°♓01'21	
min. Earth dist.	-4823 Apr 03 j 02:54	5°♓44'27	0.55260 AU
inferior conj	-4823 Apr 03 j 12:29	5°♓30'57	0°-44'-48
minimum elong	-4823 Apr 03 j 10:25	5°♓33'51	0°44'14
morning rise	-4823 Apr 12 j 17:00	1°♓31'29	
direct	-4823 Apr 15 j 09:49	1°♓15'07	
morning max el	-4823 Apr 27 j 09:21	6°♓55'00	21°28'05
	-4823 May 13 j 02:53	0°♈	
asc. node	-4823 May 15 j 16:31	5°♈03'45	
morning set	-4823 May 17 j 13:52	8°♈55'04	
superior conj	-4823 May 25 j 01:06	24°♈31'06	1°23'09
minimum elong	-4823 May 24 j 22:22	24°♈16'55	1°22'53
	-4823 May 27 j 17:06	0°♉	
max. Earth dist.	-4823 May 28 j 19:27	2°♉13'14	1.35114 AU
evening rise	-4823 Jun 02 j 09:29	11°♉12'41	
	-4823 Jun 12 j 22:29	0°♊	
desc. node	-4823 Jun 27 j 17:35	21°♊59'54	
	-4823 Jul 04 j 08:14	0°♋	
evening max el	-4823 Jul 07 j 15:09	3°♋25'02	26°47'34
retrograde	-4823 Jul 20 j 16:08	10°♋44'33	
evening set	-4823 Jul 27 j 09:26	7°♋57'53	
min. Earth dist.	-4823 Jul 31 j 08:17	3°♋54'20	0.65632 AU
inferior conj	-4823 Aug 02 j 02:36	1°♋48'45	-2°-53'-5
minimum elong	-4823 Aug 02 j 06:04	1°♋38'25	2°51'49
	-4823 Aug 03 j 15:59	30°℞♊	
morning rise	-4823 Aug 08 j 03:47	26°♊04'56	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4823 Aug 11 j 01:57	25°♊17'13	
asc. node	-4823 Aug 11 j 16:06	25°♊19'08	
morning max el	-4823 Aug 17 j 17:46	28°♊57'54	18°31'44
	-4823 Aug 18 j 17:04	0°♋	
morning set	-4823 Sep 06 j 15:05	28°♋35'57	
	-4823 Sep 07 j 11:48	0°♌	
superior conj	-4823 Sep 21 j 23:00	23°♌08'18	0°11'02
minimum elong	-4823 Sep 22 j 00:27	23°♌14'01	0°11'00
behind sun begin	-4823 Sep 21 j 15:59	22°♌40'35	
behind sun end	-4823 Sep 22 j 08:55	23°♌47'27	
max. Earth dist.	-4823 Sep 23 j 09:56	25°♌26'07	1.44785 AU
desc. node	-4823 Sep 23 j 17:00	25°♌54'01	
	-4823 Sep 26 j 07:27	0°♍	
evening rise	-4823 Oct 08 j 09:22	19°♍01'48	
	-4823 Oct 15 j 08:13	0°♎	
evening max el	-4823 Oct 31 j 02:09	22°♎19'38	19°13'18
retrograde	-4823 Nov 07 j 03:20	26°♎22'33	
asc. node	-4823 Nov 07 j 14:52	26°♎21'13	
evening set	-4823 Nov 10 j 08:17	25°♎22'48	
inferior conj	-4823 Nov 16 j 01:56	19°♎29'15	2°37'12
minimum elong	-4823 Nov 15 j 22:53	19°♎38'57	2°36'09
min. Earth dist.	-4823 Nov 17 j 10:24	17°♎46'26	0.65766 AU
morning rise	-4823 Nov 21 j 12:37	13°♎17'01	
direct	-4823 Nov 27 j 20:18	10°♎33'24	
morning max el	-4823 Dec 10 j 12:22	17°♎58'12	26°18'33
desc. node	-4823 Dec 20 j 17:06	0°♏00'14	
	-4823 Dec 20 j 17:02	0°♏	
	-4822 Jan 09 j 05:56	0°♐	
morning set	-4822 Jan 15 j 14:03	11°♐25'15	
max. Earth dist.	-4822 Jan 19 j 17:46	19°♐22'46	1.35292 AU
superior conj	-4822 Jan 24 j 11:53	28°♐54'39	-1°-28'-12
minimum elong	-4822 Jan 24 j 14:54	29°♐10'05	1°28'06
	-4822 Jan 25 j 00:39	0°♑	
evening rise	-4822 Feb 01 j 05:42	14°♑55'44	
asc. node	-4822 Feb 03 j 13:46	19°♑40'13	
	-4822 Feb 09 j 00:49	0°♒	
evening max el	-4822 Feb 19 j 23:57	15°♒04'20	20°37'15
retrograde	-4822 Mar 02 j 23:14	20°♒16'59	
evening set	-4822 Mar 05 j 08:33	20°♒03'10	
inferior conj	-4822 Mar 14 j 08:29	16°♒05'08	1°10'28
minimum elong	-4822 Mar 14 j 11:32	16°♒00'41	1°09'16
min. Earth dist.	-4822 Mar 15 j 16:59	15°♒17'54	0.55391 AU
desc. node	-4822 Mar 18 j 16:14	13°♒40'21	
morning rise	-4822 Mar 23 j 12:45	11°♒48'07	
direct	-4822 Mar 26 j 22:31	11°♒22'52	
morning max el	-4822 Apr 09 j 06:34	17°♒53'30	23°03'00
	-4822 Apr 19 j 00:58	0°♓	
morning set	-4822 May 02 j 01:03	23°♓53'32	
asc. node	-4822 May 02 j 13:28	24°♓58'29	
	-4822 May 04 j 22:24	0°♈	
superior conj	-4822 May 09 j 05:56	9°♈13'20	1°04'02
minimum elong	-4822 May 09 j 03:29	9°♈00'15	1°03'39
max. Earth dist.	-4822 May 11 j 17:58	14°♈30'28	1.33956 AU
evening rise	-4822 May 16 j 23:44	25°♈11'39	
	-4822 May 19 j 11:02	0°♉	
	-4822 Jun 06 j 09:35	0°♊	
desc. node	-4822 Jun 14 j 14:42	10°♊46'07	
evening max el	-4822 Jun 20 j 02:06	16°♊39'56	27°19'55
retrograde	-4822 Jul 03 j 14:37	24°♊05'14	
evening set	-4822 Jul 10 j 16:12	21°♊20'24	
min. Earth dist.	-4822 Jul 14 j 08:43	17°♊53'29	0.64311 AU
inferior conj	-4822 Jul 16 j 17:07	15°♊20'37	-3°-32'-26
minimum elong	-4822 Jul 16 j 20:39	15°♊11'01	3°31'27
morning rise	-4822 Jul 23 j 02:44	9°♊53'21	
direct	-4822 Jul 25 j 19:38	9°♊15'31	
asc. node	-4822 Jul 29 j 13:08	10°♊26'39	
morning max el	-4822 Aug 01 j 07:52	12°♊43'19	18°05'22
	-4822 Aug 13 j 06:21	0°♋	
morning set	-4822 Aug 19 j 00:37	9°♋46'00	
	-4822 Aug 31 j 03:54	0°♌	
superior conj	-4822 Sep 01 j 09:03	1°♌58'18	0°55'58
minimum elong	-4822 Sep 01 j 14:42	2°♌21'11	0°55'32
max. Earth dist.	-4822 Sep 06 j 02:59	9°♌35'25	1.44268 AU
desc. node	-4822 Sep 10 j 13:57	16°♌38'11	
evening rise	-4822 Sep 17 j 21:23	28°♌01'36	
	-4822 Sep 19 j 04:02	0°♍	
greatest brilliancy	-4822 Oct 07 j 06:47	27°♍04'49	-0.6m
	-4822 Oct 09 j 10:46	0°♎	
evening max el	-4822 Oct 14 j 07:20	5°♎46'10	20°07'58
retrograde	-4822 Oct 22 j 00:27	10°♎17'30	
asc. node	-4822 Oct 25 j 12:00	9°♎07'03	
evening set	-4822 Oct 25 j 14:14	9°♎03'13	
inferior conj	-4822 Oct 31 j 03:08	2°♎57'53	1°50'25
minimum elong	-4822 Oct 31 j 00:46	3°♎05'46	1°49'31
min. Earth dist.	-4822 Oct 31 j 23:18	1°♎50'36	0.66621 AU
	-4822 Nov 02 j 09:25	30°℞♍	
morning rise	-4822 Nov 05 j 10:43	26°♍41'10	
direct	-4822 Nov 11 j 03:52	24°♍12'31	
	-4822 Nov 21 j 16:24	0°♎	
morning max el	-4822 Nov 22 j 21:21	1°♎10'42	25°03'47
desc. node	-4822 Dec 07 j 14:03	19°♎26'21	
	-4822 Dec 14 j 17:44	0°♏	
morning set	-4822 Dec 29 j 00:04	23°♏37'22	
	-4821 Jan 01 j 12:21	0°♐	
max. Earth dist.	-4821 Jan 01 j 18:56	0°♐30'32	1.37009 AU
superior conj	-4821 Jan 08 j 01:15	12°♐29'04	-1°-43'-48
minimum elong	-4821 Jan 08 j 03:46	12°♐41'28	1°43'52
evening rise	-4821 Jan 16 j 08:49	29°♐08'57	
	-4821 Jan 16 j 19:01	0°♑	
asc. node	-4821 Jan 21 j 10:49	9°♑04'30	
evening max el	-4821 Feb 02 j 13:53	26°♑53'21	19°30'22
	-4821 Feb 06 j 19:14	0°♒	
retrograde	-4821 Feb 11 j 21:37	1°♒18'40	
evening set	-4821 Feb 14 j 06:08	1°♒03'01	
	-4821 Feb 17 j 08:04	30°℞♑	
inferior conj	-4821 Feb 22 j 15:02	26°♑56'52	2°45'04
minimum elong	-4821 Feb 22 j 20:11	26°♑48'29	2°43'31
min. Earth dist.	-4821 Feb 25 j 07:42	25°♑12'19	0.56408 AU
morning rise	-4821 Mar 03 j 06:38	22°♑11'02	
desc. node	-4821 Mar 05 j 13:22	21°♑35'30	
direct	-4821 Mar 07 j 20:44	21°♑23'13	
morning max el	-4821 Mar 21 j 22:03	28°♑30'40	24°41'29
	-4821 Mar 23 j 09:48	0°♒	
	-4821 Apr 12 j 03:43	0°♓	
morning set	-4821 Apr 16 j 13:19	8°♓56'34	
asc. node	-4821 Apr 19 j 10:24	15°♓04'17	
superior conj	-4821 Apr 23 j 14:55	24°♓08'36	0°42'08
minimum elong	-4821 Apr 23 j 13:09	23°♓59'04	0°41'45
max. Earth dist.	-4821 Apr 25 j 00:47	27°♓11'33	1.33164 AU
	-4821 Apr 26 j 08:12	0°♈	
evening rise	-4821 Apr 30 j 23:10	9°♈39'06	
	-4821 May 11 j 19:41	0°♉	
desc. node	-4821 Jun 01 j 11:50	28°♉32'59	
evening max el	-4821 Jun 02 j 10:58	29°♉29'44	27°22'41
	-4821 Jun 02 j 23:46	0°♊	
retrograde	-4821 Jun 16 j 07:04	6°♊54'53	
evening set	-4821 Jun 23 j 09:28	4°♊25'49	
min. Earth dist.	-4821 Jun 26 j 23:38	1°♊27'31	0.62626 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4821 Jun 28	j 12:06	30°℞♉	
inferior conj	-4821 Jun 29	j 21:30	28°♉38'13	-4°-1'-13
minimum elong	-4821 Jun 30	j 00:06	28°♉31'54	4°00'43
morning rise	-4821 Jul 06	j 17:05	23°♉30'04	
direct	-4821 Jul 09	j 06:41	22°♉59'44	
morning max el	-4821 Jul 15	j 22:30	26°♉23'41	17°56'59
asc. node	-4821 Jul 16	j 10:10	26°♉53'11	
	-4821 Jul 19	j 01:09	0°♊	
morning set	-4821 Aug 01	j 08:51	22°♊00'36	
	-4821 Aug 05	j 20:57	0°♋	
superior conj	-4821 Aug 12	j 20:28	12°♋03'38	1°27'50
minimum elong	-4821 Aug 13	j 01:42	12°♋25'46	1°27'37
max. Earth dist.	-4821 Aug 19	j 16:00	23°♋21'39	1.43106 AU
	-4821 Aug 23	j 19:07	0°♌	
evening rise	-4821 Aug 28	j 00:48	6°♌40'07	
desc. node	-4821 Aug 28	j 10:55	7°♌19'29	
	-4821 Sep 12	j 12:21	0°♍	
greatest brilliancy	-4821 Sep 21	j 23:28	13°♍02'32	-0.4m
evening max el	-4821 Sep 27	j 06:29	19°♍11'53	21°15'52
retrograde	-4821 Oct 05	j 21:12	24°♍18'02	
evening set	-4821 Oct 09	j 22:06	22°♍46'27	
asc. node	-4821 Oct 12	j 09:08	20°♍22'38	
inferior conj	-4821 Oct 15	j 07:53	16°♍32'50	0°59'40
minimum elong	-4821 Oct 15	j 06:32	16°♍37'28	0°59'10
min. Earth dist.	-4821 Oct 15	j 17:02	16°♍01'25	0.67150 AU
morning rise	-4821 Oct 20	j 14:36	10°♍14'47	
direct	-4821 Oct 25	j 16:29	8°♍05'59	
morning max el	-4821 Nov 05	j 06:26	14°♍25'33	23°39'07
	-4821 Nov 17	j 22:11	0°♎	
desc. node	-4821 Nov 24	j 11:00	9°♎20'38	
	-4821 Dec 07	j 16:13	0°♏	
morning set	-4821 Dec 10	j 10:12	4°♏35'48	
max. Earth dist.	-4821 Dec 14	j 14:45	11°♏49'14	1.39017 AU
superior conj	-4821 Dec 22	j 01:21	25°♏20'18	-1°-52'-21
minimum elong	-4821 Dec 22	j 02:13	25°♏24'23	1°52'33
	-4821 Dec 24	j 12:28	0°♐	
evening rise	-4821 Dec 31	j 04:42	12°♐55'27	
asc. node	-4820 Jan 08	j 07:53	28°♐01'32	
	-4820 Jan 09	j 12:26	0°♑	
evening max el	-4820 Jan 16	j 13:34	9°♑16'45	18°42'54
retrograde	-4820 Jan 24	j 13:01	13°♑08'13	
evening set	-4820 Jan 26	j 23:53	12°♑47'45	
inferior conj	-4820 Feb 03	j 16:30	8°♑23'21	3°42'30
minimum elong	-4820 Feb 03	j 20:01	8°♑16'45	3°41'45
min. Earth dist.	-4820 Feb 07	j 00:09	5°♑54'44	0.58074 AU
morning rise	-4820 Feb 11	j 12:31	3°♑10'28	
direct	-4820 Feb 17	j 08:10	1°♑47'03	
desc. node	-4820 Feb 20	j 10:29	2°♑10'30	
morning max el	-4820 Mar 02	j 13:52	9°♑13'51	26°09'05
	-4820 Mar 18	j 07:08	0°♒	
morning set	-4820 Mar 31	j 01:00	23°♒58'07	
	-4820 Apr 02	j 21:03	0°♓	
asc. node	-4820 Apr 05	j 07:23	5°♓16'34	
superior conj	-4820 Apr 07	j 02:08	9°♓10'10	0°18'25
minimum elong	-4820 Apr 07	j 01:20	9°♓05'47	0°18'08
max. Earth dist.	-4820 Apr 07	j 12:51	10°♓08'41	1.32723 AU
evening rise	-4820 Apr 14	j 04:51	24°♓25'10	
	-4820 Apr 16	j 22:44	0°♈	
	-4820 May 04	j 16:33	0°♉	
evening max el	-4820 May 14	j 15:26	11°♉43'25	26°52'39
desc. node	-4820 May 18	j 08:58	14°♉55'34	
retrograde	-4820 May 28	j 16:05	19°♉04'56	
evening set	-4820 Jun 04	j 09:07	17°♉05'23	
min. Earth dist.	-4820 Jun 08	j 04:59	14°♉22'06	0.60671 AU
inferior conj	-4820 Jun 11	j 12:20	11°♉33'36	-4°-13'-37
minimum elong	-4820 Jun 11	j 12:42	11°♉32'49	4°13'28
morning rise	-4820 Jun 18	j 19:27	6°♉46'42	
direct	-4820 Jun 21	j 07:24	6°♉22'02	
morning max el	-4820 Jun 28	j 10:57	9°♉52'07	18°07'35
asc. node	-4820 Jul 02	j 07:11	14°♉23'14	
	-4820 Jul 11	j 16:18	0°♊	
morning set	-4820 Jul 14	j 10:27	5°♊06'25	
superior conj	-4820 Jul 24	j 10:59	23°♊29'39	1°44'55
minimum elong	-4820 Jul 24	j 13:31	23°♊40'57	1°45'02
	-4820 Jul 28	j 03:50	0°♋	
max. Earth dist.	-4820 Jul 31	j 23:46	6°♋32'18	1.41460 AU
evening rise	-4820 Aug 06	j 16:15	15°♋53'50	
desc. node	-4820 Aug 14	j 07:52	27°♋54'28	
	-4820 Aug 15	j 16:50	0°♌	
greatest brilliancy	-4820 Sep 04	j 05:31	27°♌16'52	-0.3m
	-4820 Sep 06	j 13:06	0°♍	
evening max el	-4820 Sep 08	j 23:35	2°♍36'50	22°33'01
retrograde	-4820 Sep 18	j 15:52	8°♍21'20	
evening set	-4820 Sep 23	j 06:02	6°♍30'17	
asc. node	-4820 Sep 28	j 06:17	0°♍39'19	
inferior conj	-4820 Sep 28	j 14:16	0°♍11'46	0°06'49
minimum elong	-4820 Sep 28	j 14:07	0°♍12'19	0°06'53
transit middle	-4820 Sep 28	j 14:07	0°♍12'19	0°06'53
transit begin	-4820 Sep 28	j 11:40	0°♍20'46	
transit end	-4820 Sep 28	j 16:33	0°♍03'52	
min. Earth dist.	-4820 Sep 28	j 13:06	0°♍15'50	0.67382 AU
	-4820 Sep 28	j 17:41	30°℞♌	
morning rise	-4820 Oct 03	j 22:04	23°♌55'31	
direct	-4820 Oct 08	j 09:15	22°♌08'11	
morning max el	-4820 Oct 17	j 18:33	27°♌43'32	22°13'38
	-4820 Oct 19	j 21:21	0°♍	
greatest brilliancy	-4820 Oct 22	j 12:46	3°♍07'14	-0.4m
desc. node	-4820 Nov 10	j 07:54	29°♍34'06	
	-4820 Nov 10	j 14:43	0°♎	
morning set	-4820 Nov 19	j 15:51	14°♎10'03	
max. Earth dist.	-4820 Nov 25	j 13:26	23°♎52'07	1.41062 AU
	-4820 Nov 29	j 03:54	0°♏	
superior conj	-4820 Dec 03	j 06:57	7°♏13'46	-1°-50'-39
minimum elong	-4820 Dec 03	j 04:52	7°♏04'27	1°50'45
evening rise	-4820 Dec 13	j 14:12	26°♏07'00	
	-4820 Dec 15	j 16:15	0°♐	
asc. node	-4820 Dec 25	j 05:00	16°♐21'41	
evening max el	-4820 Dec 29	j 20:24	22°♐05'54	18°15'31
retrograde	-4819 Jan 05	j 22:44	25°♐39'15	
evening set	-4819 Jan 08	j 11:56	25°♐12'40	
inferior conj	-4819 Jan 15	j 14:07	20°♐26'07	4°04'30
minimum elong	-4819 Jan 15	j 14:41	20°♐24'52	4°04'15
min. Earth dist.	-4819 Jan 18	j 21:04	17°♐34'58	0.60040 AU
morning rise	-4819 Jan 22	j 14:34	14°♐52'36	
direct	-4819 Jan 29	j 06:55	12°♐50'48	
desc. node	-4819 Feb 06	j 07:35	15°♐29'36	
morning max el	-4819 Feb 12	j 10:51	20°♐26'54	27°11'43
	-4819 Feb 20	j 17:10	0°♑	
	-4819 Mar 11	j 00:39	0°♒	
morning set	-4819 Mar 15	j 10:19	8°♒51'04	
max. Earth dist.	-4819 Mar 22	j 02:26	23°♒08'44	1.32612 AU
superior conj	-4819 Mar 22	j 13:52	24°♒11'14	0°-6'-16
minimum elong	-4819 Mar 22	j 14:09	24°♒12'47	0°06'24
behind sun begin	-4819 Mar 22	j 09:33	23°♒47'34	
behind sun end	-4819 Mar 22	j 18:46	24°♒38'00	
asc. node	-4819 Mar 23	j 04:22	25°♒30'31	
	-4819 Mar 25	j 05:43	0°♓	
evening rise	-4819 Mar 29	j 14:22	9°♓20'42	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4819 Apr 09 j 09:07	0°♈	
evening max el	-4819 Apr 26 j 13:43	23°♈14'56	25°51'35
desc. node	-4819 May 05 j 06:08	29°♈20'40	
	-4819 May 07 j 03:06	0°♉	
retrograde	-4819 May 10 j 15:55	0°♉30'00	
	-4819 May 14 j 04:02	30°℞♈	
evening set	-4819 May 16 j 11:49	29°♈07'58	
min. Earth dist.	-4819 May 21 j 02:17	26°♈23'13	0.58639 AU
inferior conj	-4819 May 24 j 09:57	23°♈56'55	-4°-1'-13
minimum elong	-4819 May 24 j 07:03	24°♈02'18	4°00'50
morning rise	-4819 Jun 01 j 06:13	19°♈31'57	
direct	-4819 Jun 03 j 17:21	19°♈11'54	
morning max el	-4819 Jun 11 j 18:25	23°♈00'29	18°38'04
	-4819 Jun 17 j 10:31	0°♉	
asc. node	-4819 Jun 19 j 04:13	2°♉42'36	
morning set	-4819 Jun 28 j 00:49	18°♉51'48	
	-4819 Jul 03 j 19:03	0°♊	
superior conj	-4819 Jul 06 j 23:51	6°♊04'03	1°49'25
minimum elong	-4819 Jul 06 j 23:45	6°♊03'35	1°49'39
max. Earth dist.	-4819 Jul 14 j 02:54	19°♊01'14	1.39547 AU
evening rise	-4819 Jul 18 j 08:31	26°♊19'18	
	-4819 Jul 20 j 13:17	0°♋	
desc. node	-4819 Aug 01 j 04:53	18°♋19'11	
	-4819 Aug 09 j 08:19	0°♌	
evening max el	-4819 Aug 22 j 12:09	16°♌03'08	23°53'52
retrograde	-4819 Sep 02 j 07:23	22°♌25'13	
evening set	-4819 Sep 07 j 12:17	20°♌13'59	
inferior conj	-4819 Sep 12 j 20:36	13°♌53'49	0°-46'-22
minimum elong	-4819 Sep 12 j 21:40	13°♌50'11	0°45'44
min. Earth dist.	-4819 Sep 12 j 09:03	14°♌33'05	0.67315 AU
asc. node	-4819 Sep 15 j 03:26	10°♌53'38	
morning rise	-4819 Sep 18 j 07:12	7°♌42'33	
direct	-4819 Sep 22 j 05:12	6°♌15'39	
morning max el	-4819 Sep 30 j 12:51	11°♌09'18	20°54'44
greatest brilliancy	-4819 Oct 06 j 08:28	18°♌01'34	-0.5m
	-4819 Oct 14 j 22:18	0°♍	
desc. node	-4819 Oct 28 j 04:49	20°♍01'18	
morning set	-4819 Oct 29 j 21:19	22°♍38'42	
	-4819 Nov 03 j 13:24	0°♎	
max. Earth dist.	-4819 Nov 07 j 19:18	6°♎49'25	1.42847 AU
superior conj	-4819 Nov 14 j 12:21	17°♎55'35	-1°-35'-5
minimum elong	-4819 Nov 14 j 06:50	17°♎32'18	1°34'44
	-4819 Nov 21 j 12:49	0°♏	
evening rise	-4819 Nov 26 j 09:30	8°♏35'57	
	-4819 Dec 09 j 01:58	0°♐	
asc. node	-4819 Dec 12 j 02:08	3°♐53'52	
evening max el	-4819 Dec 13 j 07:36	5°♐13'07	18°07'56
retrograde	-4819 Dec 19 j 23:15	8°♐41'49	
evening set	-4819 Dec 22 j 14:58	8°♐08'15	
inferior conj	-4819 Dec 29 j 05:15	2°♐59'54	3°59'49
minimum elong	-4819 Dec 29 j 03:29	3°♐04'18	3°59'27
min. Earth dist.	-4818 Jan 01 j 02:01	0°♐09'05	0.61990 AU
	-4818 Jan 01 j 05:50	30°℞♏	
morning rise	-4818 Jan 04 j 13:53	27°♏11'06	
direct	-4818 Jan 11 j 15:02	24°♏39'14	
	-4818 Jan 23 j 00:50	0°♐	
desc. node	-4818 Jan 24 j 04:41	1°♐01'22	
morning max el	-4818 Jan 25 j 14:19	2°♐20'52	27°40'16
	-4818 Feb 15 j 00:02	0°♑	
morning set	-4818 Feb 27 j 15:13	23°♑28'19	
	-4818 Mar 02 j 18:42	0°♒	
max. Earth dist.	-4818 Mar 05 j 13:39	5°♒57'35	1.32843 AU
superior conj	-4818 Mar 07 j 00:28	9°♒06'02	0°-31'-3
minimum elong	-4818 Mar 07 j 01:51	9°♒13'30	0°31'00

asc. node	-4818 Mar 10 j 01:22	15°♒42'12	
evening rise	-4818 Mar 14 j 01:44	24°♒18'40	
	-4818 Mar 16 j 19:49	0°♓	
	-4818 Apr 04 j 08:26	0°♈	
evening max el	-4818 Apr 08 j 06:43	4°♈11'18	24°27'33
retrograde	-4818 Apr 22 j 04:38	11°♈12'01	
desc. node	-4818 Apr 22 j 03:20	11°♈12'01	
evening set	-4818 Apr 26 j 18:15	10°♈24'59	
min. Earth dist.	-4818 May 02 j 18:42	7°♈23'45	0.56831 AU
inferior conj	-4818 May 05 j 11:39	5°♈39'56	-3°-14'-14
minimum elong	-4818 May 05 j 06:10	5°♈48'45	3°13'02
morning rise	-4818 May 13 j 22:14	1°♈33'41	
direct	-4818 May 16 j 08:44	1°♈17'22	
morning max el	-4818 May 25 j 18:03	5°♈39'16	19°28'53
asc. node	-4818 Jun 06 j 01:12	21°♈39'17	
	-4818 Jun 10 j 10:35	0°♉	
morning set	-4818 Jun 12 j 00:15	3°♉06'41	
superior conj	-4818 Jun 20 j 05:15	19°♉29'59	1°44'23
minimum elong	-4818 Jun 20 j 03:25	19°♉20'59	1°44'28
	-4818 Jun 25 j 16:53	0°♊	
max. Earth dist.	-4818 Jun 26 j 04:43	0°♊54'59	1.37630 AU
evening rise	-4818 Jun 30 j 02:36	8°♊01'11	
	-4818 Jul 13 j 09:26	0°♋	
desc. node	-4818 Jul 19 j 01:56	8°♋27'47	
evening max el	-4818 Aug 04 j 22:39	29°♋31'34	25°11'31
	-4818 Aug 05 j 10:18	0°♌	
retrograde	-4818 Aug 16 j 18:57	6°♌24'54	
evening set	-4818 Aug 22 j 14:59	3°♌55'23	
	-4818 Aug 26 j 05:06	30°℞♋	
min. Earth dist.	-4818 Aug 27 j 02:34	28°♋50'49	0.66932 AU
inferior conj	-4818 Aug 28 j 01:06	27°♋36'51	-1°-38'-17
minimum elong	-4818 Aug 28 j 03:19	27°♋29'32	1°37'13
asc. node	-4818 Sep 02 j 00:33	22°♋01'58	
morning rise	-4818 Sep 02 j 16:08	21°♋33'37	
direct	-4818 Sep 06 j 03:00	20°♋24'33	
morning max el	-4818 Sep 13 j 14:19	24°♋43'31	19°47'22
	-4818 Sep 18 j 01:45	0°♌	
greatest brilliancy	-4818 Sep 21 j 16:00	4°♌54'44	-0.6m
	-4818 Oct 08 j 06:09	0°♍	
morning set	-4818 Oct 08 j 20:44	0°♍56'35	
desc. node	-4818 Oct 15 j 01:42	10°♍37'23	
max. Earth dist.	-4818 Oct 21 j 07:32	20°♍28'36	1.44128 AU
superior conj	-4818 Oct 25 j 14:02	27°♍19'00	-1°-3'-11
minimum elong	-4818 Oct 25 j 07:32	26°♍52'47	1°02'26
	-4818 Oct 27 j 05:51	0°♎	
evening rise	-4818 Nov 08 j 09:57	20°♎12'19	
	-4818 Nov 14 j 04:53	0°♏	
evening max el	-4818 Nov 26 j 20:21	18°♏31'34	18°19'26
asc. node	-4818 Nov 28 j 23:16	20°♏24'12	
retrograde	-4818 Dec 03 j 10:01	22°♏06'25	
evening set	-4818 Dec 06 j 05:21	21°♏24'29	
inferior conj	-4818 Dec 12 j 10:05	15°♏56'31	3°36'47
minimum elong	-4818 Dec 12 j 07:06	16°♏04'50	3°36'03
min. Earth dist.	-4818 Dec 14 j 16:53	13°♏24'06	0.63715 AU
morning rise	-4818 Dec 18 j 07:18	9°♏56'23	
direct	-4818 Dec 25 j 07:04	7°♏08'37	
morning max el	-4817 Jan 07 j 22:16	14°♏51'16	27°32'50
desc. node	-4817 Jan 11 j 01:43	18°♏10'01	
	-4817 Jan 20 j 08:54	0°♐	
	-4817 Feb 07 j 13:48	0°♑	
morning set	-4817 Feb 11 j 13:12	7°♑41'13	
max. Earth dist.	-4817 Feb 16 j 18:25	18°♑21'27	1.33449 AU
superior conj	-4817 Feb 19 j 08:12	23°♑48'41	0°-55'-1
minimum elong	-4817 Feb 19 j 10:31	24°♑01'03	0°54'51

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4817 Feb 22 j 05:26	0°♒	
asc. node	-4817 Feb 24 j 22:22	5°♒47'32	
evening rise	-4817 Feb 26 j 13:11	9°♒12'41	
	-4817 Mar 09 j 12:26	0°♓	
evening max el	-4817 Mar 20 j 23:22	14°♓55'43	22°53'49
retrograde	-4817 Apr 03 j 05:01	21°♓25'20	
evening set	-4817 Apr 06 j 12:43	21°♓01'11	
desc. node	-4817 Apr 09 j 00:31	20°♓13'48	
min. Earth dist.	-4817 Apr 14 j 09:32	17°♓31'33	0.55593 AU
inferior conj	-4817 Apr 15 j 18:42	16°♓43'30	-1°-48'-16
minimum elong	-4817 Apr 15 j 14:10	16°♓50'05	1°46'56
morning rise	-4817 Apr 24 j 18:17	12°♓45'49	
direct	-4817 Apr 27 j 06:27	12°♓30'55	
morning max el	-4817 May 08 j 07:39	17°♓40'40	20°39'25
	-4817 May 17 j 19:20	0°♈	
asc. node	-4817 May 23 j 22:10	11°♈04'24	
morning set	-4817 May 27 j 05:59	17°♈43'57	
	-4817 Jun 02 j 04:41	0°♉	
superior conj	-4817 Jun 03 j 22:28	3°♉34'02	1°32'24
minimum elong	-4817 Jun 03 j 19:50	3°♉20'38	1°32'16
max. Earth dist.	-4817 Jun 08 j 11:44	12°♉40'11	1.35937 AU
evening rise	-4817 Jun 12 j 18:02	20°♉48'39	
	-4817 Jun 17 j 20:11	0°♊	
desc. node	-4817 Jul 05 j 23:00	28°♊12'57	
	-4817 Jul 07 j 06:46	0°♋	
evening max el	-4817 Jul 18 j 09:23	13°♋01'20	26°17'49
retrograde	-4817 Jul 31 j 01:52	20°♋14'52	
evening set	-4817 Aug 06 j 12:01	17°♋32'15	
min. Earth dist.	-4817 Aug 10 j 15:16	13°♋06'06	0.66209 AU
inferior conj	-4817 Aug 12 j 01:56	11°♋18'35	-2°-27'-10
minimum elong	-4817 Aug 12 j 05:04	11°♋08'50	2°25'53
morning rise	-4817 Aug 17 j 22:58	5°♋26'35	
asc. node	-4817 Aug 19 j 21:39	4°♋39'28	
direct	-4817 Aug 21 j 01:02	4°♋32'02	
morning max el	-4817 Aug 27 j 22:12	8°♋24'33	18°54'37
	-4817 Sep 12 j 03:48	0°♌	
morning set	-4817 Sep 18 j 12:21	10°♌05'18	
	-4817 Oct 01 j 02:33	0°♍	
desc. node	-4817 Oct 01 j 22:34	1°♍18'54	
max. Earth dist.	-4817 Oct 03 j 23:59	4°♍33'36	1.44751 AU
superior conj	-4817 Oct 04 j 17:53	5°♍44'13	0°-17'-36
minimum elong	-4817 Oct 04 j 15:36	5°♍35'12	0°17'12
	-4817 Oct 19 j 23:24	0°♎	
evening rise	-4817 Oct 20 j 10:58	0°♎46'40	
	-4817 Nov 08 j 14:21	0°♏	
evening max el	-4817 Nov 10 j 08:00	1°♏56'11	18°48'53
asc. node	-4817 Nov 15 j 20:24	5°♏37'11	
retrograde	-4817 Nov 17 j 03:01	5°♏46'16	
evening set	-4817 Nov 20 j 03:52	4°♏53'48	
	-4817 Nov 25 j 08:11	30°℞♎	
inferior conj	-4817 Nov 26 j 01:03	29°♎08'57	3°01'27
minimum elong	-4817 Nov 25 j 21:49	29°♎18'48	3°00'26
min. Earth dist.	-4817 Nov 27 j 17:27	27°♎06'10	0.65120 AU
morning rise	-4817 Dec 01 j 14:41	23°♎00'27	
direct	-4817 Dec 08 j 05:44	20°♎11'33	
morning max el	-4817 Dec 21 j 07:49	27°♎46'13	26°53'07
	-4817 Dec 23 j 11:17	0°♏	
desc. node	-4817 Dec 28 j 22:41	6°♏26'57	
	-4816 Jan 14 j 01:26	0°♐	
morning set	-4816 Jan 26 j 00:51	21°♐17'50	
	-4816 Jan 30 j 11:05	0°♑	
max. Earth dist.	-4816 Jan 30 j 13:03	0°♑09'55	1.34488 AU
superior conj	-4816 Feb 03 j 10:55	8°♑11'19	-1°-17'-1
minimum elong	-4816 Feb 03 j 13:50	8°♑26'32	1°16'51
evening rise	-4816 Feb 10 j 22:56	23°♑55'37	
asc. node	-4816 Feb 11 j 19:23	25°♑41'15	
	-4816 Feb 13 j 22:26	0°♒	
evening max el	-4816 Mar 01 j 21:43	25°♒53'38	21°23'37
	-4816 Mar 07 j 12:30	0°♓	
retrograde	-4816 Mar 13 j 19:35	1°♓35'28	
evening set	-4816 Mar 16 j 09:09	1°♓20'30	
	-4816 Mar 20 j 12:44	30°℞♒	
inferior conj	-4816 Mar 25 j 14:54	27°♒20'46	0°04'41
minimum elong	-4816 Mar 25 j 15:06	27°♒20'28	0°04'28
transit middle	-4816 Mar 25 j 15:06	27°♒20'28	0°04'28
transit begin	-4816 Mar 25 j 11:10	27°♒26'02	
transit end	-4816 Mar 25 j 19:02	27°♒14'54	
desc. node	-4816 Mar 25 j 21:42	27°♒11'10	
min. Earth dist.	-4816 Mar 25 j 23:51	27°♒08'06	0.55200 AU
morning rise	-4816 Apr 03 j 20:48	23°♒15'30	
direct	-4816 Apr 06 j 19:15	22°♒56'32	
morning max el	-4816 Apr 19 j 10:14	28°♒59'42	22°07'07
	-4816 Apr 20 j 10:56	0°♓	
	-4816 May 09 j 09:24	0°♈	
asc. node	-4816 May 09 j 19:07	0°♈49'47	
morning set	-4816 May 10 j 15:42	2°♈36'05	
superior conj	-4816 May 17 j 23:51	18°♈04'24	1°15'27
minimum elong	-4816 May 17 j 21:10	17°♈50'19	1°15'08
max. Earth dist.	-4816 May 21 j 04:33	24°♈42'37	1.34580 AU
	-4816 May 23 j 19:20	0°♉	
evening rise	-4816 May 26 j 01:19	4°♉25'27	
	-4816 Jun 09 j 14:44	0°♊	
desc. node	-4816 Jun 21 j 20:07	17°♊24'21	
evening max el	-4816 Jun 29 j 20:49	26°♊25'20	27°04'43
	-4816 Jul 04 j 00:03	0°♋	
retrograde	-4816 Jul 13 j 03:30	3°♋48'03	
evening set	-4816 Jul 20 j 00:51	1°♋00'58	
	-4816 Jul 21 j 04:44	30°℞♊	
min. Earth dist.	-4816 Jul 23 j 20:50	27°♊13'13	0.65114 AU
inferior conj	-4816 Jul 25 j 20:57	24°♊55'22	-3°-10'-50
minimum elong	-4816 Jul 26 j 00:32	24°♊45'03	3°09'39
morning rise	-4816 Aug 01 j 01:30	19°♊17'55	
direct	-4816 Aug 03 j 21:09	18°♊34'41	
asc. node	-4816 Aug 05 j 18:43	18°♊54'06	
morning max el	-4816 Aug 10 j 10:38	22°♊09'04	18°18'19
	-4816 Aug 16 j 13:35	0°♋	
morning set	-4816 Aug 29 j 06:43	20°♋32'00	
	-4816 Sep 04 j 00:55	0°♌	
superior conj	-4816 Sep 12 j 19:05	14°♌06'21	0°31'17
minimum elong	-4816 Sep 12 j 22:53	14°♌21'28	0°31'00
max. Earth dist.	-4816 Sep 15 j 18:00	18°♌47'36	1.44650 AU
desc. node	-4816 Sep 17 j 19:29	22°♌02'52	
	-4816 Sep 22 j 21:01	0°♍	
evening rise	-4816 Sep 29 j 10:57	10°♍16'59	
	-4816 Oct 12 j 05:05	0°♎	
greatest brilliancy	-4816 Oct 15 j 00:30	4°♎10'33	-0.7m
evening max el	-4816 Oct 23 j 16:14	15°♎23'24	19°34'52
retrograde	-4816 Oct 30 j 23:19	19°♎37'04	
asc. node	-4816 Nov 01 j 17:32	19°♎19'07	
evening set	-4816 Nov 03 j 07:48	18°♎31'27	
inferior conj	-4816 Nov 08 j 23:14	12°♎32'43	2°17'59
minimum elong	-4816 Nov 08 j 20:25	12°♎41'51	2°16'58
min. Earth dist.	-4816 Nov 10 j 02:20	11°♎04'50	0.66173 AU
morning rise	-4816 Nov 14 j 08:19	6°♎18'28	
direct	-4816 Nov 20 j 10:12	3°♎40'12	
morning max el	-4816 Dec 02 j 17:05	10°♎54'44	25°48'37
desc. node	-4816 Dec 14 j 19:38	25°♎32'14	
	-4816 Dec 18 j 00:04	0°♏	
	-4815 Jan 05 j 15:38	0°♐	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4815 Jan 07 j 21:47	4°♐05'13	
max. Earth dist.	-4815 Jan 11 j 20:06	11°♐27'16	1.35979 AU
superior conj	-4815 Jan 17 j 06:07	22°♐06'21	-1°-35'-30
minimum elong	-4815 Jan 17 j 09:02	22°♐21'04	1°35'28
	-4815 Jan 21 j 03:11	0°♑	
evening rise	-4815 Jan 25 j 05:06	8°♑21'49	
asc. node	-4815 Jan 28 j 16:25	15°♑18'08	
	-4815 Feb 06 j 03:37	0°♒	
evening max el	-4815 Feb 12 j 05:39	7°♒22'13	20°06'31
retrograde	-4815 Feb 22 j 11:17	12°♒12'58	
evening set	-4815 Feb 24 j 19:47	11°♒58'44	
inferior conj	-4815 Mar 05 j 13:50	7°♒58'57	1°54'35
minimum elong	-4815 Mar 05 j 18:19	7°♒52'11	1°53'00
min. Earth dist.	-4815 Mar 07 j 13:55	6°♒46'32	0.55736 AU
desc. node	-4815 Mar 12 j 18:50	4°♒07'00	
morning rise	-4815 Mar 14 j 14:08	3°♒30'35	
direct	-4815 Mar 18 j 11:19	2°♒57'26	
morning max el	-4815 Apr 01 j 04:06	9°♒45'15	23°45'07
	-4815 Apr 16 j 01:11	0°♓	
morning set	-4815 Apr 25 j 03:34	17°♓36'59	
asc. node	-4815 Apr 26 j 16:04	20°♓49'34	
	-4815 Apr 30 j 22:37	0°♈	
superior conj	-4815 May 02 j 06:42	2°♈52'33	0°55'02
minimum elong	-4815 May 02 j 04:30	2°♈40'43	0°54'37
max. Earth dist.	-4815 May 04 j 07:09	7°♈11'19	1.33585 AU
evening rise	-4815 May 09 j 19:56	18°♈37'40	
	-4815 May 15 j 17:56	0°♉	
	-4815 Jun 03 j 21:33	0°♊	
desc. node	-4815 Jun 08 j 17:15	5°♊47'31	
evening max el	-4815 Jun 12 j 07:21	9°♊31'17	27°25'00
retrograde	-4815 Jun 25 j 23:13	16°♊56'03	
evening set	-4815 Jul 03 j 02:18	14°♊16'23	
min. Earth dist.	-4815 Jul 06 j 17:16	11°♊02'53	0.63639 AU
inferior conj	-4815 Jul 09 j 07:32	8°♊21'42	-3°-46'-17
minimum elong	-4815 Jul 09 j 10:48	8°♊13'11	3°45'28
morning rise	-4815 Jul 15 j 21:11	3°♊02'04	
direct	-4815 Jul 18 j 12:34	2°♊27'32	
asc. node	-4815 Jul 23 j 15:46	4°♊36'38	
morning max el	-4815 Jul 25 j 01:13	5°♊52'18	17°59'32
	-4815 Aug 09 j 20:20	0°♋	
morning set	-4815 Aug 11 j 02:34	2°♋11'03	
superior conj	-4815 Aug 23 j 14:51	23°♋24'42	1°11'21
minimum elong	-4815 Aug 23 j 20:49	23°♋49'13	1°10'58
	-4815 Aug 27 j 15:45	0°♌	
max. Earth dist.	-4815 Aug 29 j 10:09	2°♌50'40	1.43846 AU
desc. node	-4815 Sep 04 j 16:25	12°♌45'45	
evening rise	-4815 Sep 08 j 16:56	19°♌01'14	
	-4815 Sep 15 j 21:06	0°♍	
greatest brilliancy	-4815 Sep 30 j 15:23	21°♍25'44	-0.5m
evening max el	-4815 Oct 06 j 18:58	28°♍49'22	20°35'28
	-4815 Oct 07 j 23:47	0°♎	
retrograde	-4815 Oct 14 j 20:27	3°♎34'32	
evening set	-4815 Oct 18 j 14:48	2°♎12'59	
asc. node	-4815 Oct 19 j 14:41	1°♎24'11	
	-4815 Oct 20 j 23:46	30°℞♍	
inferior conj	-4815 Oct 24 j 02:10	26°♍03'40	1°29'13
minimum elong	-4815 Oct 24 j 00:12	26°♍10'18	1°28'30
min. Earth dist.	-4815 Oct 24 j 17:27	25°♍11'58	0.66884 AU
morning rise	-4815 Oct 29 j 09:09	19°♍46'16	
direct	-4815 Nov 03 j 19:48	17°♍25'53	
morning max el	-4815 Nov 15 j 01:51	24°♍08'07	24°28'32
	-4815 Nov 20 j 08:04	0°♎	
desc. node	-4815 Dec 01 j 16:34	15°♎11'04	
	-4815 Dec 11 j 10:52	0°♏	
morning set	-4815 Dec 20 j 22:22	15°♏47'15	
max. Earth dist.	-4815 Dec 24 j 18:28	22°♏36'37	1.37846 AU
	-4815 Dec 28 j 18:28	0°♐	
superior conj	-4815 Dec 31 j 14:22	5°♐23'30	-1°-48'-27
minimum elong	-4815 Dec 31 j 16:21	5°♐33'04	1°48'36
evening rise	-4814 Jan 09 j 05:29	22°♐24'24	
	-4814 Jan 13 j 02:58	0°♑	
asc. node	-4814 Jan 15 j 13:29	4°♑31'37	
evening max el	-4814 Jan 25 j 23:51	19°♑25'43	19°07'38
retrograde	-4814 Feb 03 j 16:34	23°♑35'02	
evening set	-4814 Feb 06 j 02:01	23°♑17'30	
inferior conj	-4814 Feb 14 j 03:50	19°♑03'57	3°14'10
minimum elong	-4814 Feb 14 j 08:37	18°♑55'41	3°12'55
min. Earth dist.	-4814 Feb 17 j 04:50	16°♑58'45	0.57059 AU
morning rise	-4814 Feb 22 j 11:33	14°♑06'03	
direct	-4814 Feb 27 j 14:36	13°♑04'36	
desc. node	-4814 Feb 27 j 15:58	13°♑04'36	
morning max el	-4814 Mar 13 j 19:01	20°♑21'21	25°21'04
	-4814 Mar 22 j 00:59	0°♒	
	-4814 Apr 08 j 08:59	0°♓	
morning set	-4814 Apr 09 j 15:50	2°♓40'32	
asc. node	-4814 Apr 13 j 13:03	10°♓58'47	
superior conj	-4814 Apr 16 j 16:53	17°♓51'22	0°32'15
minimum elong	-4814 Apr 16 j 15:30	17°♓43'52	0°31'53
max. Earth dist.	-4814 Apr 17 j 16:50	20°♓01'30	1.32936 AU
	-4814 Apr 22 j 08:53	0°♈	
evening rise	-4814 Apr 23 j 22:22	3°♈14'10	
	-4814 May 08 j 13:44	0°♉	
evening max el	-4814 May 25 j 14:35	22°♉06'48	27°13'51
desc. node	-4814 May 26 j 14:23	23°♉02'22	
retrograde	-4814 Jun 08 j 12:34	29°♉30'32	
evening set	-4814 Jun 15 j 12:37	27°♉12'14	
min. Earth dist.	-4814 Jun 19 j 03:49	24°♉22'39	0.61822 AU
inferior conj	-4814 Jun 22 j 06:38	21°♉31'08	-4°-8'-56
minimum elong	-4814 Jun 22 j 08:27	21°♉26'57	4°08'37
morning rise	-4814 Jun 29 j 06:57	16°♉32'06	
direct	-4814 Jul 01 j 19:47	16°♉04'17	
morning max el	-4814 Jul 08 j 15:22	19°♉29'07	17°59'11
asc. node	-4814 Jul 10 j 12:48	21°♉32'21	
	-4814 Jul 16 j 09:14	0°♊	
morning set	-4814 Jul 24 j 18:52	14°♊49'20	
	-4814 Aug 02 j 05:50	0°♋	
superior conj	-4814 Aug 04 j 14:17	4°♋05'59	1°36'48
minimum elong	-4814 Aug 04 j 18:28	4°♋24'06	1°36'45
max. Earth dist.	-4814 Aug 11 j 21:24	16°♋24'38	1.42451 AU
evening rise	-4814 Aug 18 j 23:11	27°♋48'15	
	-4814 Aug 20 j 08:43	0°♌	
desc. node	-4814 Aug 22 j 13:22	3°♌24'47	
	-4814 Sep 09 j 16:05	0°♍	
greatest brilliancy	-4814 Sep 14 j 17:57	6°♍38'52	-0.4m
evening max el	-4814 Sep 19 j 15:22	12°♍14'00	21°47'45
retrograde	-4814 Sep 28 j 16:36	17°♍36'33	
evening set	-4814 Oct 02 j 22:57	15°♍56'43	
asc. node	-4814 Oct 06 j 11:50	12°♍09'06	
inferior conj	-4814 Oct 08 j 07:51	9°♍40'18	0°37'23
minimum elong	-4814 Oct 08 j 06:59	9°♍43'16	0°37'07
min. Earth dist.	-4814 Oct 08 j 12:28	9°♍24'20	0.67283 AU
morning rise	-4814 Oct 13 j 14:48	3°♍22'39	
direct	-4814 Oct 18 j 10:11	1°♍23'14	
morning max el	-4814 Oct 28 j 12:02	7°♍24'26	23°02'24
greatest brilliancy	-4814 Nov 02 j 11:25	13°♍00'24	-0.3m
	-4814 Nov 15 j 00:24	0°♎	
desc. node	-4814 Nov 18 j 13:29	5°♎13'56	
morning set	-4814 Dec 01 j 20:40	26°♎09'55	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4814 Dec 04 j 03:45	0°♏	
max. Earth dist.	-4814 Dec 06 j 14:49	4°♏11'31	1.39897 AU
superior conj	-4814 Dec 14 j 07:15	17°♏51'15	-1°-53'-6
minimum elong	-4814 Dec 14 j 07:00	17°♏50'08	1°53'18
	-4814 Dec 20 j 18:43	0°♐	
evening rise	-4814 Dec 23 j 21:23	5°♐56'49	
asc. node	-4813 Jan 02 j 10:35	23°♐14'06	
	-4813 Jan 07 j 05:59	0°♑	
evening max el	-4813 Jan 09 j 02:50	2°♑00'35	18°28'47
retrograde	-4813 Jan 16 j 16:12	5°♑42'56	
evening set	-4813 Jan 19 j 03:54	5°♑20'07	
inferior conj	-4813 Jan 26 j 14:05	0°♑46'30	3°55'42
minimum elong	-4813 Jan 26 j 16:21	0°♑41'55	3°55'15
	-4813 Jan 27 j 13:06	30°℞♐	
min. Earth dist.	-4813 Jan 29 j 23:00	28°♐05'12	0.58887 AU
morning rise	-4813 Feb 03 j 01:24	25°♐23'37	
direct	-4813 Feb 09 j 07:02	23°♐43'33	
desc. node	-4813 Feb 14 j 13:06	24°♐51'35	
	-4813 Feb 22 j 04:27	0°♑	
morning max el	-4813 Feb 23 j 12:55	1°♑15'50	26°39'33
	-4813 Mar 16 j 00:53	0°♒	
morning set	-4813 Mar 25 j 02:46	17°♒39'32	
	-4813 Mar 30 j 20:47	0°♓	
asc. node	-4813 Mar 31 j 10:01	1°♓12'21	
superior conj	-4813 Apr 01 j 04:32	2°♓53'41	0°08'02
minimum elong	-4813 Apr 01 j 04:11	2°♓51'45	0°07'49
behind sun begin	-4813 Mar 31 j 23:49	2°♓27'52	
behind sun end	-4813 Apr 01 j 08:33	3°♓15'39	
max. Earth dist.	-4813 Apr 01 j 05:56	3°♓01'18	1.32628 AU
evening rise	-4813 Apr 08 j 05:55	18°♓05'06	
	-4813 Apr 14 j 05:21	0°♈	
	-4813 May 03 j 20:06	0°♉	
evening max el	-4813 May 07 j 16:17	4°♉02'03	26°30'07
desc. node	-4813 May 13 j 11:35	8°♉39'45	
retrograde	-4813 May 21 j 18:17	11°♉22'19	
evening set	-4813 May 28 j 03:44	9°♉37'57	
min. Earth dist.	-4813 Jun 01 j 05:28	6°♉56'11	0.59798 AU
inferior conj	-4813 Jun 04 j 14:35	4°♉14'03	-4°-11'-58
minimum elong	-4813 Jun 04 j 13:38	4°♉15'58	4°11'50
	-4813 Jun 11 j 01:08	30°℞♈	
morning rise	-4813 Jun 12 j 03:09	29°♈36'53	
direct	-4813 Jun 14 j 14:34	29°♈14'26	
	-4813 Jun 18 j 00:59	0°♉	
morning max el	-4813 Jun 22 j 02:10	2°♉50'45	18°18'06
asc. node	-4813 Jun 27 j 09:50	9°♉25'04	
morning set	-4813 Jul 08 j 02:24	28°♉13'04	
	-4813 Jul 09 j 00:58	0°♊	
superior conj	-4813 Jul 17 j 15:04	16°♊03'22	1°48'10
minimum elong	-4813 Jul 17 j 16:24	16°♊09'26	1°48'22
max. Earth dist.	-4813 Jul 25 j 02:26	29°♊15'30	1.40661 AU
	-4813 Jul 25 j 12:51	0°♋	
evening rise	-4813 Jul 30 j 00:23	7°♋29'50	
desc. node	-4813 Aug 09 j 10:22	23°♋55'51	
	-4813 Aug 13 j 11:57	0°♌	
greatest brilliancy	-4813 Aug 27 j 20:32	19°♌34'43	-0.2m
evening max el	-4813 Sep 02 j 06:08	25°♌38'36	23°07'19
	-4813 Sep 07 j 11:26	0°♍	
retrograde	-4813 Sep 12 j 10:12	1°♍40'15	
	-4813 Sep 16 j 20:46	30°℞♌	
evening set	-4813 Sep 17 j 06:24	29°♌40'40	
inferior conj	-4813 Sep 22 j 14:27	23°♌20'50	0°-15'-46
minimum elong	-4813 Sep 22 j 14:48	23°♌19'35	0°15'29
transit middle	-4813 Sep 22 j 14:48	23°♌19'35	0°15'29
transit begin	-4813 Sep 22 j 13:56	23°♌22'36	
transit end	-4813 Sep 22 j 15:41	23°♌16'35	
min. Earth dist.	-4813 Sep 22 j 08:55	23°♌39'53	0.67385 AU
asc. node	-4813 Sep 23 j 08:59	22°♌17'15	
morning rise	-4813 Sep 27 j 23:13	17°♌06'03	
direct	-4813 Oct 02 j 04:29	15°♌27'42	
morning max el	-4813 Oct 11 j 02:32	20°♌45'18	21°38'51
greatest brilliancy	-4813 Oct 16 j 04:21	26°♌35'36	-0.4m
	-4813 Oct 18 j 19:35	0°♍	
desc. node	-4813 Nov 05 j 10:23	25°♍33'42	
	-4813 Nov 08 j 07:18	0°♎	
morning set	-4813 Nov 11 j 14:44	5°♎11'56	
max. Earth dist.	-4813 Nov 18 j 15:41	16°♎35'14	1.41860 AU
superior conj	-4813 Nov 26 j 03:14	29°♎15'48	-1°-45'-58
minimum elong	-4813 Nov 25 j 23:37	29°♎00'07	1°45'54
	-4813 Nov 26 j 13:24	0°♏	
evening rise	-4813 Dec 07 j 01:21	18°♏51'16	
	-4813 Dec 13 j 05:15	0°♐	
asc. node	-4813 Dec 20 j 07:42	11°♐15'43	
evening max el	-4813 Dec 23 j 11:57	14°♐58'56	18°10'01
retrograde	-4813 Dec 30 j 08:38	18°♐28'44	
evening set	-4812 Jan 01 j 22:46	17°♐59'24	
inferior conj	-4812 Jan 08 j 19:38	13°♐03'49	4°05'15
minimum elong	-4812 Jan 08 j 19:05	13°♐05'04	4°05'00
min. Earth dist.	-4812 Jan 11 j 23:14	10°♐09'51	0.60880 AU
morning rise	-4812 Jan 15 j 12:47	7°♐23'13	
direct	-4812 Jan 22 j 10:25	5°♐06'43	
desc. node	-4812 Feb 01 j 10:11	9°♐11'49	
morning max el	-4812 Feb 05 j 12:41	12°♐46'19	27°28'15
	-4812 Feb 19 j 06:13	0°♑	
	-4812 Mar 07 j 05:41	0°♒	
morning set	-4812 Mar 08 j 10:29	2°♒27'12	
max. Earth dist.	-4812 Mar 14 j 18:50	15°♒57'55	1.32663 AU
superior conj	-4812 Mar 15 j 16:02	17°♒53'29	0°-16'-48
minimum elong	-4812 Mar 15 j 16:47	17°♒57'36	0°16'50
asc. node	-4812 Mar 17 j 07:01	21°♒26'18	
	-4812 Mar 21 j 05:56	0°♓	
evening rise	-4812 Mar 22 j 16:28	3°♓02'57	
	-4812 Apr 06 j 08:17	0°♈	
evening max el	-4812 Apr 18 j 12:05	15°♈17'30	25°18'01
desc. node	-4812 Apr 29 j 08:46	22°♈03'46	
retrograde	-4812 May 02 j 13:54	22°♈28'04	
evening set	-4812 May 07 j 21:22	21°♈22'11	
min. Earth dist.	-4812 May 13 j 00:37	18°♈31'41	0.57824 AU
inferior conj	-4812 May 16 j 03:57	16°♈21'19	-3°-46'-3
minimum elong	-4812 May 15 j 23:43	16°♈28'43	3°45'21
morning rise	-4812 May 24 j 06:13	12°♈04'45	
direct	-4812 May 26 j 16:52	11°♈46'31	
morning max el	-4812 Jun 04 j 06:37	15°♈47'50	18°57'05
asc. node	-4812 Jun 13 j 06:50	28°♈01'37	
	-4812 Jun 14 j 10:02	0°♉	
morning set	-4812 Jun 20 j 21:01	12°♉11'55	
superior conj	-4812 Jun 29 j 11:35	29°♉01'13	1°48'16
minimum elong	-4812 Jun 29 j 10:38	28°♉56'38	1°48'28
	-4812 Jun 29 j 23:55	0°♊	
max. Earth dist.	-4812 Jul 06 j 03:59	11°♊25'47	1.38724 AU
evening rise	-4812 Jul 10 j 04:01	18°♊28'51	
	-4812 Jul 17 j 01:43	0°♋	
desc. node	-4812 Jul 26 j 07:24	14°♋14'21	
	-4812 Aug 06 j 18:29	0°♌	
evening max el	-4812 Aug 14 j 17:37	9°♌06'03	24°27'49
retrograde	-4812 Aug 26 j 00:06	15°♌42'24	
evening set	-4812 Aug 31 j 11:21	13°♌23'21	
min. Earth dist.	-4812 Sep 05 j 04:13	7°♌57'18	0.67192 AU
inferior conj	-4812 Sep 05 j 20:13	7°♌03'30	-1°-8'-38

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4812 Sep 05 j 21:47	6°♌58'13	1°07'48
asc. node	-4812 Sep 09 j 06:08	2°♌48'17	
morning rise	-4812 Sep 11 j 08:29	0°♌55'01	
	-4812 Sep 13 j 00:06	30°℞♋	
direct	-4812 Sep 15 j 01:32	29°♋35'54	
	-4812 Sep 17 j 05:00	0°♌	
morning max el	-4812 Sep 22 j 23:41	4°♌13'50	20°24'20
greatest brilliancy	-4812 Sep 29 j 14:29	12°♌14'59	-0.6m
	-4812 Oct 11 j 19:53	0°♍	
morning set	-4812 Oct 20 j 14:34	13°♍26'40	
desc. node	-4812 Oct 22 j 07:15	16°♍04'48	
max. Earth dist.	-4812 Oct 31 j 00:14	29°♍51'10	1.43464 AU
	-4812 Oct 31 j 02:26	0°♎	
superior conj	-4812 Nov 05 j 20:55	9°♎24'04	-1°-23'-34
minimum elong	-4812 Nov 05 j 14:27	8°♎57'22	1°22'59
	-4812 Nov 17 j 23:45	0°♏	
evening rise	-4812 Nov 18 j 13:10	0°♏58'23	
evening max el	-4812 Dec 06 j 00:11	28°♏11'45	18°10'38
asc. node	-4812 Dec 06 j 04:50	28°♏23'20	
	-4812 Dec 08 j 01:42	0°♐	
retrograde	-4812 Dec 12 j 13:51	1°♐41'27	
evening set	-4812 Dec 15 j 07:02	1°♐04'25	
	-4812 Dec 17 j 03:20	30°℞♏	
inferior conj	-4812 Dec 21 j 16:59	25°♏47'33	3°51'52
minimum elong	-4812 Dec 21 j 14:34	25°♏53'53	3°51'20
min. Earth dist.	-4812 Dec 24 j 08:04	23°♏02'49	0.62760 AU
morning rise	-4812 Dec 27 j 20:17	19°♏53'53	
direct	-4811 Jan 03 j 22:08	17°♏13'17	
morning max el	-4811 Jan 17 j 18:05	24°♏55'33	27°41'24
desc. node	-4811 Jan 18 j 07:13	25°♏28'14	
	-4811 Jan 22 j 10:33	0°♐	
	-4811 Feb 11 j 14:41	0°♑	
morning set	-4811 Feb 20 j 12:44	16°♑54'44	
max. Earth dist.	-4811 Feb 26 j 03:42	28°♑37'11	1.33054 AU
	-4811 Feb 26 j 19:11	0°♒	
superior conj	-4811 Feb 28 j 01:37	2°♒43'44	0°-41'-22
minimum elong	-4811 Feb 28 j 03:25	2°♒53'27	0°41'15
asc. node	-4811 Mar 04 j 04:01	11°♒35'48	
evening rise	-4811 Mar 07 j 04:03	17°♒59'56	
	-4811 Mar 13 j 03:26	0°♓	
evening max el	-4811 Mar 31 j 04:23	26°♓05'59	23°48'05
	-4811 Apr 05 j 00:46	0°♈	
retrograde	-4811 Apr 13 j 20:57	2°♈54'54	
desc. node	-4811 Apr 16 j 05:57	2°♈42'17	
evening set	-4811 Apr 17 j 21:06	2°♈19'30	
	-4811 Apr 23 j 04:03	30°℞♓	
min. Earth dist.	-4811 Apr 24 j 16:02	29°♓07'48	0.56223 AU
inferior conj	-4811 Apr 26 j 21:14	27°♓46'53	-2°-42'-24
minimum elong	-4811 Apr 26 j 15:35	27°♓55'31	2°40'56
morning rise	-4811 May 05 j 13:41	23°♓45'37	
direct	-4811 May 08 j 00:34	23°♓30'09	
morning max el	-4811 May 18 j 02:04	28°♓10'57	19°56'27
	-4811 May 19 j 21:11	0°♈	
asc. node	-4811 May 31 j 03:48	17°♈11'28	
morning set	-4811 Jun 04 j 23:26	26°♈37'23	
	-4811 Jun 06 j 15:27	0°♉	
superior conj	-4811 Jun 12 j 22:30	12°♉44'43	1°40'01
minimum elong	-4811 Jun 12 j 20:13	12°♉33'21	1°40'01
max. Earth dist.	-4811 Jun 18 j 07:42	23°♉14'17	1.36881 AU
	-4811 Jun 21 j 22:56	0°♊	
evening rise	-4811 Jun 22 j 07:52	0°♊40'38	
	-4811 Jul 10 j 05:46	0°♋	
desc. node	-4811 Jul 13 j 04:28	4°♋14'13	
evening max el	-4811 Jul 28 j 04:15	22°♋36'35	25°41'36

retrograde	-4811 Aug 09 j 09:33	29°♋39'02	
evening set	-4811 Aug 15 j 11:53	27°♋03'15	
min. Earth dist.	-4811 Aug 19 j 19:55	22°♋14'54	0.66673 AU
inferior conj	-4811 Aug 20 j 23:24	20°♋46'42	-1°-59'-29
minimum elong	-4811 Aug 21 j 02:03	20°♋38'10	1°58'17
morning rise	-4811 Aug 26 j 16:47	14°♋47'51	
asc. node	-4811 Aug 27 j 03:12	14°♋32'24	
direct	-4811 Aug 29 j 23:44	13°♋45'11	
morning max el	-4811 Sep 06 j 04:02	17°♋51'26	19°23'01
	-4811 Sep 15 j 11:29	0°♌	
greatest brilliancy	-4811 Sep 16 j 02:18	0°♌54'50	-0.7m
morning set	-4811 Sep 29 j 18:45	22°♌01'01	
	-4811 Oct 04 j 21:13	0°♍	
desc. node	-4811 Oct 09 j 04:08	6°♍43'47	
max. Earth dist.	-4811 Oct 13 j 15:16	13°♍46'15	1.44486 AU
superior conj	-4811 Oct 16 j 11:49	18°♍18'19	0°-45'-4
minimum elong	-4811 Oct 16 j 06:29	17°♍57'04	0°44'22
	-4811 Oct 23 j 18:23	0°♎	
evening rise	-4811 Oct 31 j 04:10	12°♎09'43	
	-4811 Nov 11 j 01:02	0°♏	
evening max el	-4811 Nov 19 j 12:47	11°♏33'16	18°29'47
asc. node	-4811 Nov 23 j 01:57	14°♏22'41	
retrograde	-4811 Nov 26 j 03:42	15°♏13'22	
evening set	-4811 Nov 29 j 01:15	14°♏27'05	
inferior conj	-4811 Dec 05 j 02:30	8°♏51'17	3°22'59
minimum elong	-4811 Dec 04 j 23:19	9°♏00'33	3°22'06
min. Earth dist.	-4811 Dec 07 j 02:58	6°♏30'53	0.64359 AU
morning rise	-4811 Dec 10 j 20:05	2°♏47'25	
	-4811 Dec 16 j 21:40	30°℞♎	
direct	-4811 Dec 17 j 16:49	29°♎57'51	
	-4811 Dec 18 j 12:14	0°♏	
morning max el	-4811 Dec 31 j 03:02	7°♏37'34	27°19'33
desc. node	-4810 Jan 05 j 04:13	13°♏08'28	
	-4810 Jan 17 j 12:37	0°♐	
	-4810 Feb 03 j 19:53	0°♑	
morning set	-4810 Feb 04 j 06:44	0°♑52'55	
max. Earth dist.	-4810 Feb 09 j 04:40	10°♑46'52	1.33842 AU
superior conj	-4810 Feb 12 j 07:26	17°♑18'04	-1°-4'-40
minimum elong	-4810 Feb 12 j 10:03	17°♑31'59	1°04'29
	-4810 Feb 18 j 06:42	0°♒	
asc. node	-4810 Feb 19 j 01:01	1°♒36'30	
evening rise	-4810 Feb 19 j 14:59	2°♒49'39	
	-4810 Mar 06 j 23:28	0°♓	
evening max el	-4810 Mar 12 j 22:36	6°♓52'11	22°14'15
retrograde	-4810 Mar 25 j 16:06	13°♓03'00	
evening set	-4810 Mar 28 j 14:35	12°♓43'57	
desc. node	-4810 Apr 03 j 03:07	10°♓39'59	
inferior conj	-4810 Apr 06 j 22:07	8°♓35'42	-1°-2'-6
minimum elong	-4810 Apr 06 j 19:18	8°♓39'42	1°01'17
min. Earth dist.	-4810 Apr 06 j 06:07	8°♓58'20	0.55315 AU
morning rise	-4810 Apr 16 j 01:39	4°♓37'27	
direct	-4810 Apr 18 j 16:52	4°♓21'42	
morning max el	-4810 Apr 30 j 10:49	9°♓53'33	21°15'00
	-4810 May 14 j 12:50	0°♈	
asc. node	-4810 May 18 j 00:46	6°♈46'01	
morning set	-4810 May 20 j 07:05	11°♈21'52	
superior conj	-4810 May 27 j 19:33	27°♈01'06	1°25'44
minimum elong	-4810 May 27 j 16:49	26°♈47'00	1°25'30
	-4810 May 29 j 06:22	0°♉	
max. Earth dist.	-4810 May 31 j 18:48	5°♉05'27	1.35314 AU
evening rise	-4810 Jun 05 j 06:36	13°♉50'31	
	-4810 Jun 14 j 07:09	0°♊	
desc. node	-4810 Jun 30 j 01:34	23°♊46'38	
	-4810 Jul 05 j 00:34	0°♋	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4810 Jul 10 j 15:13	6°♋04'40	26°40'31
retrograde	-4810 Jul 23 j 14:10	13°♋23'06	
evening set	-4810 Jul 30 j 05:45	10°♋37'02	
min. Earth dist.	-4810 Aug 03 j 05:40	6°♋27'46	0.65794 AU
inferior conj	-4810 Aug 04 j 22:00	4°♋26'37	-2°-46'-29
minimum elong	-4810 Aug 05 j 01:24	4°♋16'22	2°45'12
	-4810 Aug 09 j 01:16	30°℞♊	
morning rise	-4810 Aug 10 j 22:04	28°♊40'43	
direct	-4810 Aug 13 j 21:10	27°♊51'22	
asc. node	-4810 Aug 14 j 00:16	27°♊51'28	
	-4810 Aug 18 j 20:52	0°♋	
morning max el	-4810 Aug 20 j 14:11	1°♋34'50	18°37'09
	-4810 Sep 08 j 19:59	0°♌	
morning set	-4810 Sep 09 j 21:18	1°♌42'11	
superior conj	-4810 Sep 25 j 11:33	26°♌33'36	0°03'34
minimum elong	-4810 Sep 25 j 12:02	26°♌35'31	0°03'39
behind sun begin	-4810 Sep 25 j 00:52	25°♌51'29	
behind sun end	-4810 Sep 25 j 23:12	27°♌19'32	
desc. node	-4810 Sep 26 j 01:02	27°♌26'46	
max. Earth dist.	-4810 Sep 26 j 09:03	27°♌58'24	1.44800 AU
	-4810 Sep 27 j 15:55	0°♍	
evening rise	-4810 Oct 11 j 18:24	22°♍16'34	
	-4810 Oct 16 j 15:07	0°♎	
evening max el	-4810 Nov 02 j 23:09	24°♎58'49	19°06'26
retrograde	-4810 Nov 09 j 22:35	28°♎58'18	
asc. node	-4810 Nov 09 j 23:04	28°♎58'18	
evening set	-4810 Nov 13 j 02:22	28°♎00'34	
inferior conj	-4810 Nov 18 j 20:53	22°♎09'06	2°43'47
minimum elong	-4810 Nov 18 j 17:45	22°♎18'55	2°42'45
min. Earth dist.	-4810 Nov 20 j 07:22	20°♎20'56	0.65609 AU
morning rise	-4810 Nov 24 j 08:13	15°♎57'38	
direct	-4810 Nov 30 j 17:53	13°♎12'19	
morning max el	-4810 Dec 13 j 12:52	20°♎40'23	26°28'14
	-4810 Dec 21 j 15:50	0°♏	
desc. node	-4810 Dec 23 j 01:12	1°♏47'57	
	-4809 Jan 10 j 15:18	0°♐	
morning set	-4809 Jan 18 j 12:46	14°♐10'34	
max. Earth dist.	-4809 Jan 22 j 18:36	22°♐21'40	1.35065 AU
	-4809 Jan 26 j 13:46	0°♑	
superior conj	-4809 Jan 27 j 07:17	1°♑29'48	-1°-25'-24
minimum elong	-4809 Jan 27 j 10:18	1°♑45'19	1°25'17
evening rise	-4809 Feb 03 j 23:28	17°♑26'18	
asc. node	-4809 Feb 05 j 22:02	21°♑23'49	
	-4809 Feb 10 j 08:41	0°♒	
evening max el	-4809 Feb 23 j 00:37	18°♒01'31	20°48'50
retrograde	-4809 Mar 06 j 06:04	23°♒21'56	
evening set	-4809 Mar 08 j 16:00	23°♒08'05	
inferior conj	-4809 Mar 17 j 17:45	19°♒10'10	0°53'40
minimum elong	-4809 Mar 17 j 20:08	19°♒06'44	0°52'41
min. Earth dist.	-4809 Mar 18 j 20:23	18°♒31'51	0.55307 AU
desc. node	-4809 Mar 21 j 00:17	17°♒19'38	
morning rise	-4809 Mar 26 j 22:51	14°♒56'36	
direct	-4809 Mar 30 j 05:10	14°♒33'25	
morning max el	-4809 Apr 12 j 09:26	20°♒57'34	22°48'17
	-4809 Apr 20 j 00:58	0°♓	
morning set	-4809 May 04 j 17:58	26°♓19'06	
asc. node	-4809 May 04 j 21:44	26°♓38'44	
	-4809 May 06 j 12:01	0°♈	
superior conj	-4809 May 11 j 23:36	11°♈40'53	1°07'10
minimum elong	-4809 May 11 j 21:05	11°♈27'28	1°06'47
max. Earth dist.	-4809 May 14 j 15:48	17°♈18'35	1.34105 AU
evening rise	-4809 May 19 j 19:13	27°♈44'25	
	-4809 May 20 j 22:59	0°♉	
	-4809 Jun 07 j 12:43	0°♊	

desc. node	-4809 Jun 16 j 22:40	12°♊40'04	
evening max el	-4809 Jun 23 j 02:19	19°♊22'15	27°16'50
retrograde	-4809 Jul 06 j 13:34	26°♊47'17	
evening set	-4809 Jul 13 j 14:13	24°♊01'24	
min. Earth dist.	-4809 Jul 17 j 07:31	20°♊29'14	0.64535 AU
inferior conj	-4809 Jul 19 j 13:46	17°♊59'55	-3°-27'-8
minimum elong	-4809 Jul 19 j 17:21	17°♊50'02	3°26'03
morning rise	-4809 Jul 25 j 22:03	12°♊29'52	
direct	-4809 Jul 28 j 15:32	11°♊50'48	
asc. node	-4809 Jul 31 j 21:21	12°♊45'20	
morning max el	-4809 Aug 04 j 03:56	15°♊20'09	18°08'05
	-4809 Aug 14 j 13:32	0°♋	
morning set	-4809 Aug 22 j 02:57	12°♋40'49	
	-4809 Sep 01 j 13:03	0°♌	
superior conj	-4809 Sep 04 j 18:38	5°♌14'22	0°49'54
minimum elong	-4809 Sep 04 j 23:58	5°♌35'49	0°49'28
max. Earth dist.	-4809 Sep 09 j 02:11	12°♌08'17	1.44389 AU
desc. node	-4809 Sep 12 j 21:56	18°♌10'44	
	-4809 Sep 20 j 11:43	0°♍	
evening rise	-4809 Sep 21 j 09:04	1°♍22'45	
greatest brilliancy	-4809 Oct 09 j 20:12	29°♍12'08	-0.6m
	-4809 Oct 10 j 09:57	0°♎	
evening max el	-4809 Oct 17 j 05:10	8°♎25'28	19°59'01
retrograde	-4809 Oct 24 j 19:34	12°♎52'06	
asc. node	-4809 Oct 27 j 20:13	11°♎58'47	
evening set	-4809 Oct 28 j 07:52	11°♎40'13	
inferior conj	-4809 Nov 02 j 21:23	5°♎36'33	1°57'48
minimum elong	-4809 Nov 02 j 18:53	5°♎44'49	1°56'53
min. Earth dist.	-4809 Nov 03 j 19:20	4°♎23'49	0.66513 AU
	-4809 Nov 07 j 12:17	30°℞♍	
morning rise	-4809 Nov 08 j 05:15	29°♍20'20	
direct	-4809 Nov 14 j 00:44	26°♍48'53	
	-4809 Nov 21 j 13:42	0°♎	
morning max el	-4809 Nov 25 j 21:53	3°♎51'57	25°15'47
desc. node	-4809 Dec 09 j 22:08	21°♎09'01	
	-4809 Dec 15 j 23:49	0°♏	
morning set	-4808 Jan 01 j 01:49	26°♏32'29	
	-4808 Jan 02 j 23:33	0°♐	
max. Earth dist.	-4808 Jan 04 j 21:00	3°♐30'23	1.36728 AU
superior conj	-4808 Jan 10 j 22:17	15°♐10'01	-1°-41'-50
minimum elong	-4808 Jan 11 j 00:57	15°♐23'12	1°41'53
	-4808 Jan 18 j 07:02	0°♑	
evening rise	-4808 Jan 19 j 03:28	1°♑43'06	
asc. node	-4808 Jan 23 j 19:05	10°♑51'37	
evening max el	-4808 Feb 05 j 13:04	29°♑45'29	19°39'10
	-4808 Feb 05 j 19:16	0°♒	
retrograde	-4808 Feb 15 j 02:16	4°♒16'50	
evening set	-4808 Feb 17 j 10:38	4°♒01'40	
inferior conj	-4808 Feb 25 j 22:01	29°♑57'41	2°32'56
minimum elong	-4808 Feb 26 j 03:07	29°♑49'33	2°31'20
	-4808 Feb 25 j 20:34	30°℞♑	
min. Earth dist.	-4808 Feb 28 j 10:59	28°♑21'05	0.56209 AU
morning rise	-4808 Mar 05 j 16:09	25°♑16'22	
desc. node	-4808 Mar 06 j 21:27	24°♑55'46	
direct	-4808 Mar 10 j 01:48	24°♑32'45	
	-4808 Mar 22 j 06:58	0°♒	
morning max el	-4808 Mar 24 j 01:17	1°♒35'51	24°27'05
	-4808 Apr 12 j 14:32	0°♓	
morning set	-4808 Apr 18 j 06:12	11°♓21'41	
asc. node	-4808 Apr 20 j 18:43	16°♓43'05	
superior conj	-4808 Apr 25 j 08:08	26°♓34'30	0°45'37
minimum elong	-4808 Apr 25 j 06:14	26°♓24'18	0°45'12
	-4808 Apr 26 j 22:16	0°♈	
max. Earth dist.	-4808 Apr 26 j 21:36	29°♓56'24	1.33263 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4808 May 02 j 17:32	12°♈08'22	
	-4808 May 12 j 04:21	0°♉	
	-4808 Jun 02 j 05:34	0°♊	
desc. node	-4808 Jun 02 j 19:50	0°♊37'22	
evening max el	-4808 Jun 04 j 11:47	2°♊16'57	27°24'20
retrograde	-4808 Jun 18 j 06:57	9°♊42'02	
evening set	-4808 Jun 25 j 09:46	7°♊09'54	
min. Earth dist.	-4808 Jun 29 j 00:00	4°♊07'55	0.62899 AU
inferior conj	-4808 Jul 01 j 19:55	1°♊20'19	-3°-57'-50
minimum elong	-4808 Jul 01 j 22:44	1°♊13'20	3°57'14
	-4808 Jul 03 j 04:55	30°℞♉	
morning rise	-4808 Jul 08 j 13:54	26°♉09'01	
direct	-4808 Jul 11 j 03:54	25°♉37'39	
asc. node	-4808 Jul 17 j 18:25	29°♉00'59	
morning max el	-4808 Jul 17 j 18:40	29°♉01'35	17°57'01
	-4808 Jul 18 j 17:05	0°♊	
morning set	-4808 Aug 03 j 08:15	24°♊47'14	
	-4808 Aug 06 j 07:08	0°♋	
superior conj	-4808 Aug 15 j 01:57	15°♋07'35	1°24'00
minimum elong	-4808 Aug 15 j 07:28	15°♋30'45	1°23'43
max. Earth dist.	-4808 Aug 21 j 16:07	25°♋59'45	1.43317 AU
	-4808 Aug 24 j 03:51	0°♌	
desc. node	-4808 Aug 29 j 18:53	8°♌52'46	
evening rise	-4808 Aug 30 j 12:34	10°♌01'34	
	-4808 Sep 12 j 17:10	0°♍	
greatest brilliancy	-4808 Sep 23 j 17:52	15°♍26'30	-0.5m
evening max el	-4808 Sep 29 j 05:20	21°♍51'43	21°05'06
retrograde	-4808 Oct 07 j 16:26	26°♍52'07	
evening set	-4808 Oct 11 j 15:35	25°♍23'14	
asc. node	-4808 Oct 13 j 17:22	23°♍26'47	
inferior conj	-4808 Oct 17 j 01:44	19°♍10'43	1°07'31
minimum elong	-4808 Oct 17 j 00:13	19°♍15'54	1°06'58
min. Earth dist.	-4808 Oct 17 j 12:28	18°♍34'00	0.67093 AU
morning rise	-4808 Oct 22 j 08:27	12°♍52'48	
direct	-4808 Oct 27 j 12:39	10°♍40'51	
morning max el	-4808 Nov 07 j 06:44	17°♍06'19	23°51'59
	-4808 Nov 17 j 23:47	0°♎	
desc. node	-4808 Nov 25 j 19:03	10°♎59'33	
	-4808 Dec 08 j 01:06	0°♏	
morning set	-4808 Dec 12 j 15:51	7°♏42'32	
max. Earth dist.	-4808 Dec 16 j 17:12	14°♏45'28	1.38712 AU
superior conj	-4808 Dec 24 j 00:40	28°♏08'29	-1°-51'-39
minimum elong	-4808 Dec 24 j 01:52	28°♏14'10	1°51'50
	-4808 Dec 25 j 00:12	0°♐	
evening rise	-4807 Jan 02 j 00:37	15°♐33'58	
asc. node	-4807 Jan 09 j 16:10	29°♐53'09	
	-4807 Jan 09 j 17:46	0°♑	
evening max el	-4807 Jan 18 j 11:25	12°♑03'51	18°48'39
retrograde	-4807 Jan 26 j 14:53	15°♑59'20	
evening set	-4807 Jan 29 j 01:27	15°♑39'36	
inferior conj	-4807 Feb 05 j 20:24	11°♑18'06	3°36'13
minimum elong	-4807 Feb 06 j 00:18	11°♑10'55	3°35'21
min. Earth dist.	-4807 Feb 09 j 02:52	8°♑54'58	0.57802 AU
morning rise	-4807 Feb 13 j 19:30	6°♑09'00	
direct	-4807 Feb 19 j 11:09	4°♑51'28	
desc. node	-4807 Feb 21 j 18:35	5°♑04'26	
morning max el	-4807 Mar 05 j 16:36	12°♑15'43	25°57'21
	-4807 Mar 19 j 11:50	0°♒	
morning set	-4807 Apr 02 j 18:06	26°♒23'36	
	-4807 Apr 04 j 11:00	0°♓	
asc. node	-4807 Apr 07 j 15:42	6°♓54'25	
superior conj	-4807 Apr 09 j 19:08	11°♓35'11	0°22'06
minimum elong	-4807 Apr 09 j 18:10	11°♓29'57	0°21'48
max. Earth dist.	-4807 Apr 10 j 09:12	12°♓51'57	1.32769 AU
evening rise	-4807 Apr 16 j 22:27	26°♓51'57	
	-4807 Apr 18 j 11:13	0°♈	
	-4807 May 05 j 16:44	0°♉	
evening max el	-4807 May 17 j 17:06	14°♉36'36	26°59'12
desc. node	-4807 May 20 j 17:02	17°♉14'43	
retrograde	-4807 May 31 j 17:03	21°♉58'27	
evening set	-4807 Jun 07 j 12:18	19°♉53'46	
min. Earth dist.	-4807 Jun 11 j 06:37	17°♉09'25	0.60973 AU
inferior conj	-4807 Jun 14 j 13:01	14°♉19'35	-4°-13'-9
minimum elong	-4807 Jun 14 j 13:48	14°♉17'52	4°13'00
morning rise	-4807 Jun 21 j 18:18	9°♉29'26	
direct	-4807 Jun 24 j 06:29	9°♉03'57	
morning max el	-4807 Jul 01 j 07:38	12°♉32'16	18°04'49
asc. node	-4807 Jul 04 j 15:28	16°♉22'25	
	-4807 Jul 13 j 01:51	0°♊	
morning set	-4807 Jul 17 j 07:38	7°♊46'33	
superior conj	-4807 Jul 27 j 12:43	26°♊22'31	1°43'12
minimum elong	-4807 Jul 27 j 15:42	26°♊35'41	1°43'17
	-4807 Jul 29 j 14:17	0°♋	
max. Earth dist.	-4807 Aug 04 j 01:06	9°♋17'57	1.41728 AU
evening rise	-4807 Aug 10 j 01:11	19°♋07'13	
desc. node	-4807 Aug 16 j 15:52	29°♋29'09	
	-4807 Aug 16 j 23:55	0°♌	
greatest brilliancy	-4807 Sep 07 j 05:53	29°♌57'40	-0.3m
	-4807 Sep 07 j 06:39	0°♍	
evening max el	-4807 Sep 11 j 23:17	5°♍16'47	22°21'04
retrograde	-4807 Sep 21 j 11:30	10°♍55'24	
evening set	-4807 Sep 25 j 23:38	9°♍07'13	
asc. node	-4807 Sep 30 j 14:32	3°♍49'20	
inferior conj	-4807 Oct 01 j 08:00	2°♍49'09	0°14'54
minimum elong	-4807 Oct 01 j 07:39	2°♍50'22	0°14'52
transit middle	-4807 Oct 01 j 07:39	2°♍50'22	0°14'52
transit begin	-4807 Oct 01 j 06:31	2°♍54'16	
transit end	-4807 Oct 01 j 08:47	2°♍46'28	
min. Earth dist.	-4807 Oct 01 j 08:18	2°♍48'09	0.67370 AU
	-4807 Oct 03 j 10:12	30°℞♌	
morning rise	-4807 Oct 06 j 15:32	26°♌32'33	
direct	-4807 Oct 11 j 04:48	24°♌42'09	
	-4807 Oct 20 j 08:45	0°♍	
morning max el	-4807 Oct 20 j 18:17	0°♍23'56	22°26'05
greatest brilliancy	-4807 Oct 25 j 11:36	5°♍43'53	-0.3m
	-4807 Nov 11 j 21:16	0°♎	
desc. node	-4807 Nov 12 j 15:55	1°♎10'24	
morning set	-4807 Nov 23 j 01:47	17°♎28'58	
max. Earth dist.	-4807 Nov 28 j 15:17	26°♎41'21	1.40770 AU
	-4807 Nov 30 j 13:58	0°♏	
superior conj	-4807 Dec 06 j 09:21	10°♏11'10	-1°-51'-45
minimum elong	-4807 Dec 06 j 07:47	10°♏04'05	1°51'52
evening rise	-4807 Dec 16 j 11:51	28°♏51'07	
	-4807 Dec 17 j 02:32	0°♐	
asc. node	-4807 Dec 27 j 13:16	18°♐19'24	
evening max el	-4806 Jan 01 j 17:18	24°♐49'21	18°18'18
retrograde	-4806 Jan 08 j 22:09	28°♐24'41	
evening set	-4806 Jan 11 j 10:58	27°♐59'05	
inferior conj	-4806 Jan 18 j 15:07	23°♐15'48	4°03'07
minimum elong	-4806 Jan 18 j 16:08	23°♐13'38	4°02'50
min. Earth dist.	-4806 Jan 21 j 22:53	20°♐26'29	0.59739 AU
morning rise	-4806 Jan 25 j 18:17	17°♐44'46	
direct	-4806 Feb 01 j 08:11	15°♐48'34	
desc. node	-4806 Feb 08 j 15:40	18°♐00'22	
morning max el	-4806 Feb 15 j 12:47	23°♐23'44	27°04'31
	-4806 Feb 21 j 11:46	0°♑	
	-4806 Mar 12 j 11:47	0°♒	
morning set	-4806 Mar 18 j 03:54	11°♒18'38	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4806 Mar 25 j 06:53	26°♒36'54	0°-2'-31
minimum elong	-4806 Mar 25 j 07:00	26°♒37'33	0°02'39
behind sun begin	-4806 Mar 25 j 02:04	26°♒10'29	
behind sun end	-4806 Mar 25 j 11:57	27°♒04'37	
max. Earth dist.	-4806 Mar 24 j 22:52	25°♒53'01	1.32603 AU
asc. node	-4806 Mar 25 j 12:41	27°♒08'37	
	-4806 Mar 26 j 20:01	0°♓	
evening rise	-4806 Apr 01 j 07:31	11°♓46'44	
	-4806 Apr 10 j 16:50	0°♈	
evening max el	-4806 Apr 29 j 16:15	26°♈14'20	26°02'25
	-4806 May 04 j 04:41	0°♉	
desc. node	-4806 May 07 j 14:13	2°♉00'25	
retrograde	-4806 May 13 j 18:25	3°♉31'00	
evening set	-4806 May 19 j 18:18	2°♉03'01	
	-4806 May 23 j 05:53	30°℞♈	
min. Earth dist.	-4806 May 24 j 04:52	29°♈19'41	0.58934 AU
inferior conj	-4806 May 27 j 13:25	26°♈48'32	-4°-5'-8
minimum elong	-4806 May 27 j 11:02	26°♈53'03	4°04'51
morning rise	-4806 Jun 04 j 07:39	22°♈20'36	
direct	-4806 Jun 06 j 18:54	21°♈59'56	
morning max el	-4806 Jun 14 j 16:04	25°♈44'43	18°32'18
	-4806 Jun 18 j 09:20	0°♉	
asc. node	-4806 Jun 21 j 12:29	4°♉35'23	
morning set	-4806 Jun 30 j 20:21	21°♉26'54	
	-4806 Jul 05 j 06:56	0°♊	
superior conj	-4806 Jul 09 j 22:40	8°♊48'14	1°49'25
minimum elong	-4806 Jul 09 j 22:54	8°♊49'23	1°49'39
max. Earth dist.	-4806 Jul 17 j 04:41	21°♊53'00	1.39837 AU
evening rise	-4806 Jul 21 j 13:26	29°♊21'09	
	-4806 Jul 21 j 22:43	0°♋	
desc. node	-4806 Aug 03 j 12:54	19°♋56'06	
	-4806 Aug 10 j 11:13	0°♌	
evening max el	-4806 Aug 25 j 12:17	18°♌42'35	23°41'46
retrograde	-4806 Sep 05 j 03:38	24°♌59'41	
evening set	-4806 Sep 10 j 06:16	22°♌51'21	
min. Earth dist.	-4806 Sep 15 j 04:27	17°♌05'14	0.67347 AU
inferior conj	-4806 Sep 15 j 14:27	16°♌31'05	0°-38'-19
minimum elong	-4806 Sep 15 j 15:20	16°♌28'03	0°37'47
asc. node	-4806 Sep 17 j 11:39	14°♌00'19	
morning rise	-4806 Sep 21 j 00:32	10°♌18'51	
direct	-4806 Sep 25 j 00:19	8°♌49'08	
morning max el	-4806 Oct 03 j 11:35	13°♌48'49	21°05'47
greatest brilliancy	-4806 Oct 09 j 01:46	20°♌21'56	-0.5m
	-4806 Oct 16 j 02:20	0°♍	
desc. node	-4806 Oct 30 j 12:48	21°♍35'50	
morning set	-4806 Nov 02 j 10:01	26°♍04'53	
	-4806 Nov 04 j 21:47	0°♎	
max. Earth dist.	-4806 Nov 10 j 19:47	9°♎30'05	1.42609 AU
superior conj	-4806 Nov 17 j 18:39	21°♎04'14	-1°-38'-29
minimum elong	-4806 Nov 17 j 13:34	20°♎42'43	1°38'11
	-4806 Nov 22 j 22:50	0°♏	
evening rise	-4806 Nov 29 j 09:31	11°♏27'00	
	-4806 Dec 10 j 03:07	0°♐	
asc. node	-4806 Dec 14 j 10:22	5°♐59'41	
evening max el	-4806 Dec 16 j 04:00	7°♐54'18	18°07'51
retrograde	-4806 Dec 22 j 20:45	11°♐23'03	
evening set	-4806 Dec 25 j 11:57	10°♐50'41	
inferior conj	-4805 Jan 01 j 03:52	5°♐45'36	4°01'52
minimum elong	-4805 Jan 01 j 02:23	5°♐49'13	4°01'32
min. Earth dist.	-4805 Jan 04 j 02:34	2°♐53'14	0.61706 AU
morning rise	-4805 Jan 07 j 14:33	29°♏58'41	
	-4805 Jan 07 j 13:47	30°℞♏	
direct	-4805 Jan 14 j 15:05	27°♏30'19	
	-4805 Jan 22 j 05:07	0°♐	
desc. node	-4805 Jan 26 j 12:42	3°♐14'31	
morning max el	-4805 Jan 28 j 15:22	5°♐11'54	27°38'23
	-4805 Feb 16 j 06:44	0°♑	
morning set	-4805 Mar 02 j 09:34	25°♑58'58	
	-4805 Mar 04 j 08:11	0°♒	
max. Earth dist.	-4805 Mar 08 j 10:35	8°♒44'18	1.32779 AU
superior conj	-4805 Mar 09 j 17:44	11°♒33'16	0°-27'-20
minimum elong	-4805 Mar 09 j 18:57	11°♒39'52	0°27'17
asc. node	-4805 Mar 12 j 09:39	17°♒21'06	
evening rise	-4805 Mar 16 j 18:41	26°♒44'51	
	-4805 Mar 18 j 08:09	0°♓	
	-4805 Apr 04 j 23:42	0°♈	
evening max el	-4805 Apr 11 j 09:45	7°♈14'54	24°41'07
desc. node	-4805 Apr 24 j 11:25	14°♈17'07	
retrograde	-4805 Apr 25 j 09:08	14°♈19'02	
evening set	-4805 Apr 30 j 03:26	13°♈27'26	
min. Earth dist.	-4805 May 05 j 21:55	10°♈29'20	0.57070 AU
inferior conj	-4805 May 08 j 18:09	8°♈38'00	-3°-23'-59
minimum elong	-4805 May 08 j 12:54	8°♈46'38	3°22'54
morning rise	-4805 May 17 j 02:35	4°♈29'26	
direct	-4805 May 19 j 13:02	4°♈12'43	
morning max el	-4805 May 28 j 17:03	8°♈28'50	19°19'59
asc. node	-4805 Jun 08 j 09:27	23°♈27'11	
	-4805 Jun 11 j 21:43	0°♉	
morning set	-4805 Jun 14 j 18:36	5°♉37'46	
superior conj	-4805 Jun 23 j 01:53	22°♉07'23	1°45'40
minimum elong	-4805 Jun 23 j 00:15	21°♉59'25	1°45'46
	-4805 Jun 27 j 04:38	0°♊	
max. Earth dist.	-4805 Jun 29 j 05:59	3°♊49'20	1.37907 AU
evening rise	-4805 Jul 03 j 03:52	10°♊52'12	
	-4805 Jul 14 j 16:25	0°♋	
desc. node	-4805 Jul 21 j 09:59	10°♋07'41	
	-4805 Aug 05 j 20:21	0°♌	
evening max el	-4805 Aug 07 j 22:54	2°♌10'42	25°00'28
retrograde	-4805 Aug 19 j 15:52	9°♌00'15	
evening set	-4805 Aug 25 j 09:36	6°♌33'21	
min. Earth dist.	-4805 Aug 29 j 22:31	1°♌23'03	0.67009 AU
inferior conj	-4805 Aug 30 j 19:20	0°♌14'15	-1°-30'-34
minimum elong	-4805 Aug 30 j 21:23	0°♌07'27	1°29'33
	-4805 Aug 30 j 23:38	30°℞♋	
asc. node	-4805 Sep 04 j 08:45	24°♋57'36	
morning rise	-4805 Sep 05 j 09:35	24°♋09'30	
direct	-4805 Sep 08 j 21:56	22°♋57'59	
morning max el	-4805 Sep 16 j 11:56	27°♋21'46	19°56'29
	-4805 Sep 18 j 20:53	0°♌	
greatest brilliancy	-4805 Sep 24 j 03:12	6°♌53'32	-0.6m
	-4805 Oct 09 j 13:29	0°♍	
morning set	-4805 Oct 12 j 08:48	4°♍20'18	
desc. node	-4805 Oct 17 j 09:42	12°♍11'09	
max. Earth dist.	-4805 Oct 24 j 07:00	23°♍03'39	1.43975 AU
	-4805 Oct 28 j 14:40	0°♎	
superior conj	-4805 Oct 29 j 00:30	0°♎39'47	-1°-9'-3
minimum elong	-4805 Oct 28 j 17:49	0°♎12'45	1°08'20
evening rise	-4805 Nov 11 j 13:08	23°♎12'18	
	-4805 Nov 15 j 12:40	0°♏	
evening max el	-4805 Nov 29 j 16:43	21°♏12'09	18°16'33
asc. node	-4805 Dec 01 j 07:28	22°♏40'49	
retrograde	-4805 Dec 06 j 06:08	24°♏45'20	
evening set	-4805 Dec 09 j 00:52	24°♏04'45	
inferior conj	-4805 Dec 15 j 06:54	18°♏39'43	3°41'08
minimum elong	-4805 Dec 15 j 04:02	18°♏47'35	3°40'28
min. Earth dist.	-4805 Dec 17 j 15:56	16°♏03'33	0.63479 AU
morning rise	-4805 Dec 21 j 05:34	12°♏41'09	
direct	-4805 Dec 28 j 06:09	9°♏54'37	
morning max el	-4804 Jan 10 j 22:44	17°♏37'35	27°36'05

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4804 Jan 13 j 09:42	20°♏10'48	
	-4804 Jan 21 j 09:10	0°♐	
	-4804 Feb 09 j 00:40	0°♑	
morning set	-4804 Feb 14 j 08:44	10°♑16'12	
max. Earth dist.	-4804 Feb 19 j 16:27	21°♑12'21	1.33333 AU
superior conj	-4804 Feb 22 j 01:59	26°♑18'21	0°-51'-29
minimum elong	-4804 Feb 22 j 04:11	26°♑30'05	0°51'19
	-4804 Feb 23 j 19:16	0°♒	
asc. node	-4804 Feb 27 j 06:38	7°♒27'53	
evening rise	-4804 Feb 29 j 06:13	11°♒39'57	
	-4804 Mar 09 j 17:58	0°♓	
evening max el	-4804 Mar 23 j 02:06	17°♓59'34	23°07'53
retrograde	-4804 Apr 05 j 11:11	24°♓34'41	
evening set	-4804 Apr 08 j 22:44	24°♓08'10	
desc. node	-4804 Apr 10 j 08:33	23°♓43'14	
min. Earth dist.	-4804 Apr 16 j 12:53	20°♓43'34	0.55732 AU
inferior conj	-4804 Apr 18 j 03:37	19°♓46'51	-2°-3'-36
minimum elong	-4804 Apr 17 j 22:37	19°♓54'10	2°02'09
morning rise	-4804 Apr 27 j 01:28	15°♓48'35	
direct	-4804 Apr 29 j 13:05	15°♓33'39	
morning max el	-4804 May 10 j 08:09	20°♓35'47	20°27'40
	-4804 May 17 j 22:40	0°♈	
asc. node	-4804 May 25 j 06:26	12°♈48'30	
morning set	-4804 May 28 j 23:29	20°♈11'49	
	-4804 Jun 02 j 17:56	0°♉	
superior conj	-4804 Jun 05 j 17:33	6°♉06'05	1°34'35
minimum elong	-4804 Jun 05 j 14:59	5°♉53'06	1°34'28
max. Earth dist.	-4804 Jun 10 j 11:52	15°♉33'53	1.36172 AU
evening rise	-4804 Jun 14 j 16:26	23°♉30'40	
	-4804 Jun 18 j 06:26	0°♊	
desc. node	-4804 Jul 07 j 07:03	29°♊56'54	
	-4804 Jul 07 j 07:57	0°♋	
evening max el	-4804 Jul 20 j 09:37	15°♋40'52	26°09'04
retrograde	-4804 Aug 01 j 23:28	22°♋51'51	
evening set	-4804 Aug 08 j 07:36	20°♋10'52	
min. Earth dist.	-4804 Aug 12 j 12:06	15°♋38'50	0.66337 AU
inferior conj	-4804 Aug 13 j 20:49	13°♋56'21	-2°-20'-5
minimum elong	-4804 Aug 13 j 23:50	13°♋46'52	2°18'48
morning rise	-4804 Aug 19 j 16:50	8°♋02'23	
asc. node	-4804 Aug 21 j 05:51	7°♋20'23	
direct	-4804 Aug 22 j 20:06	7°♋05'47	
morning max el	-4804 Aug 29 j 18:54	11°♋01'41	19°01'28
	-4804 Sep 12 j 10:14	0°♌	
morning set	-4804 Sep 20 j 20:59	13°♌18'51	
	-4804 Oct 01 j 10:52	0°♍	
desc. node	-4804 Oct 03 j 06:36	2°♍52'14	
max. Earth dist.	-4804 Oct 05 j 23:09	7°♍06'40	1.44704 AU
superior conj	-4804 Oct 07 j 06:41	9°♍11'08	0°-25'-2
minimum elong	-4804 Oct 07 j 03:28	8°♍58'27	0°24'32
	-4804 Oct 20 j 07:30	0°♎	
evening rise	-4804 Oct 22 j 17:51	3°♎56'30	
	-4804 Nov 08 j 08:51	0°♏	
evening max el	-4804 Nov 12 j 04:45	4°♏36'32	18°43'23
asc. node	-4804 Nov 17 j 04:35	8°♏06'48	
retrograde	-4804 Nov 18 j 22:25	8°♏23'36	
evening set	-4804 Nov 21 j 22:22	7°♏32'47	
inferior conj	-4804 Nov 27 j 20:34	1°♏50'14	3°07'22
minimum elong	-4804 Nov 27 j 17:19	2°♏00'01	3°06'24
	-4804 Nov 29 j 09:12	30°℞♎	
min. Earth dist.	-4804 Nov 29 j 15:01	29°♎42'44	0.64937 AU
morning rise	-4804 Dec 03 j 11:07	25°♎42'59	
direct	-4804 Dec 10 j 03:53	22°♎53'28	
	-4804 Dec 22 j 20:05	0°♏	
morning max el	-4804 Dec 23 j 08:08	0°♏29'35	27°00'47
desc. node	-4804 Dec 30 j 06:41	8°♏18'56	
	-4803 Jan 14 j 08:44	0°♐	
morning set	-4803 Jan 27 j 22:09	23°♐58'53	
	-4803 Jan 30 j 23:45	0°♑	
max. Earth dist.	-4803 Feb 01 j 12:45	3°♑06'17	1.34311 AU
superior conj	-4803 Feb 05 j 05:36	10°♑44'28	-1°-13'-52
minimum elong	-4803 Feb 05 j 08:28	10°♑59'26	1°13'42
evening rise	-4803 Feb 12 j 16:20	26°♑25'01	
asc. node	-4803 Feb 13 j 03:38	27°♑23'39	
	-4803 Feb 14 j 10:06	0°♒	
evening max el	-4803 Mar 04 j 23:15	28°♒53'52	21°36'19
	-4803 Mar 06 j 04:29	0°♓	
retrograde	-4803 Mar 17 j 02:26	4°♓43'12	
evening set	-4803 Mar 19 j 17:54	4°♓27'28	
desc. node	-4803 Mar 28 j 05:42	0°♓52'42	
inferior conj	-4803 Mar 29 j 00:33	0°♓26'12	0°-12'-59
minimum elong	-4803 Mar 28 j 23:57	0°♓27'04	0°12'55
transit middle	-4803 Mar 28 j 23:57	0°♓27'04	0°12'55
transit begin	-4803 Mar 28 j 21:35	0°♓30'24	
transit end	-4803 Mar 29 j 02:19	0°♓23'44	
min. Earth dist.	-4803 Mar 29 j 03:05	0°♓22'39	0.55203 AU
	-4803 Mar 29 j 19:12	30°℞♒	
morning rise	-4803 Apr 07 j 06:12	26°♒23'21	
direct	-4803 Apr 10 j 02:30	26°♒05'26	
	-4803 Apr 20 j 03:52	0°♓	
morning max el	-4803 Apr 22 j 12:13	2°♓00'32	21°53'14
	-4803 May 10 j 21:28	0°♈	
asc. node	-4803 May 12 j 03:25	2°♈31'32	
morning set	-4803 May 13 j 08:46	5°♈02'25	
superior conj	-4803 May 20 j 17:55	20°♈33'14	1°18'17
minimum elong	-4803 May 20 j 15:12	20°♈19'03	1°17'58
max. Earth dist.	-4803 May 24 j 03:17	27°♈33'40	1.34759 AU
	-4803 May 25 j 08:12	0°♉	
evening rise	-4803 May 28 j 21:41	7°♉01'10	
	-4803 Jun 10 j 21:34	0°♊	
desc. node	-4803 Jun 24 j 04:09	19°♊14'21	
evening max el	-4803 Jul 02 j 21:03	29°♊06'44	26°59'18
	-4803 Jul 03 j 19:33	0°♋	
retrograde	-4803 Jul 16 j 01:47	6°♋28'19	
evening set	-4803 Jul 22 j 21:50	3°♋41'13	
	-4803 Jul 26 j 14:35	30°℞♊	
min. Earth dist.	-4803 Jul 26 j 18:49	29°♊47'59	0.65301 AU
inferior conj	-4803 Jul 28 j 16:51	27°♊34'23	-3°-4'-43
minimum elong	-4803 Jul 28 j 20:26	27°♊24'00	3°03'29
morning rise	-4803 Aug 03 j 20:12	21°♊54'36	
direct	-4803 Aug 06 j 16:42	21°♊09'49	
asc. node	-4803 Aug 08 j 02:58	21°♊20'55	
morning max el	-4803 Aug 13 j 06:49	24°♊46'09	18°22'40
	-4803 Aug 17 j 14:09	0°♋	
morning set	-4803 Sep 01 j 11:16	23°♋34'01	
	-4803 Sep 05 j 09:35	0°♌	
superior conj	-4803 Sep 16 j 06:42	17°♌29'11	0°24'15
minimum elong	-4803 Sep 16 j 09:44	17°♌41'13	0°24'01
max. Earth dist.	-4803 Sep 18 j 17:23	21°♌21'28	1.44712 AU
desc. node	-4803 Sep 20 j 03:32	23°♌36'09	
	-4803 Sep 24 j 05:09	0°♍	
evening rise	-4803 Oct 02 j 21:24	13°♍36'01	
	-4803 Oct 13 j 10:02	0°♎	
greatest brilliancy	-4803 Oct 17 j 06:58	5°♎51'43	-0.7m
evening max el	-4803 Oct 26 j 13:37	18°♎03'28	19°27'00
retrograde	-4803 Nov 02 j 18:27	22°♎13'08	
asc. node	-4803 Nov 04 j 01:44	22°♎03'18	
evening set	-4803 Nov 06 j 01:41	21°♎09'34	
inferior conj	-4803 Nov 11 j 17:52	15°♎12'33	2°24'58

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4803 Nov 11 j 14:57	15°♎21'56	2°23'56	
min. Earth dist.	-4803 Nov 12 j 22:47	13°♎39'30	0.66040 AU	
morning rise	-4803 Nov 17 j 03:27	8°♎59'01		
direct	-4803 Nov 23 j 07:24	6°♎18'46		
morning max el	-4803 Dec 05 j 17:35	13°♎36'55	25°59'27	
desc. node	-4803 Dec 17 j 03:39	27°♎17'56		
	-4803 Dec 19 j 02:46	0°♏		
	-4802 Jan 07 j 01:53	0°♐		
morning set	-4802 Jan 10 j 21:38	6°♐54'33		
max. Earth dist.	-4802 Jan 14 j 21:41	14°♐28'12	1.35735 AU	
superior conj	-4802 Jan 20 j 02:07	24°♐44'07	-1°-33'-1	
minimum elong	-4802 Jan 20 j 05:06	24°♐59'12	1°32'57	
	-4802 Jan 22 j 16:03	0°♑		
evening rise	-4802 Jan 27 j 23:12	10°♑54'14		
asc. node	-4802 Jan 31 j 00:40	17°♑03'26		
	-4802 Feb 07 j 05:01	0°♒		
evening max el	-4802 Feb 15 j 05:35	10°♒17'05	20°16'49	
retrograde	-4802 Feb 25 j 17:19	15°♒15'22		
evening set	-4802 Feb 28 j 01:58	15°♒01'21		
inferior conj	-4802 Mar 08 j 22:12	11°♒02'26	1°39'27	
minimum elong	-4802 Mar 09 j 02:15	10°♒56'24	1°37'59	
min. Earth dist.	-4802 Mar 10 j 17:05	9°♒58'46	0.55599 AU	
desc. node	-4802 Mar 15 j 02:52	7°♒39'44		
morning rise	-4802 Mar 18 j 00:09	6°♒38'18		
direct	-4802 Mar 21 j 17:08	6°♒08'15		
morning max el	-4802 Apr 04 j 07:10	12°♒50'14	23°30'25	
	-4802 Apr 17 j 07:30	0°♓		
morning set	-4802 Apr 27 j 20:27	20°♓02'46		
asc. node	-4802 Apr 29 j 00:23	22°♓29'45		
	-4802 May 02 j 12:37	0°♈		
superior conj	-4802 May 05 j 00:07	5°♈19'33	0°58'18	
minimum elong	-4802 May 04 j 21:49	5°♈07'14	0°57'54	
max. Earth dist.	-4802 May 07 j 04:35	9°♈58'45	1.33706 AU	
evening rise	-4802 May 12 j 14:51	21°♈09'01		
	-4802 May 17 j 04:44	0°♉		
	-4802 Jun 04 j 19:43	0°♊		
desc. node	-4802 Jun 11 j 01:18	7°♊46'10		
evening max el	-4802 Jun 15 j 07:47	12°♊16'06	27°23'52	
retrograde	-4802 Jun 28 j 22:28	19°♊41'01		
evening set	-4802 Jul 06 j 01:14	16°♊59'12		
min. Earth dist.	-4802 Jul 09 j 16:38	13°♊41'17	0.63883 AU	
inferior conj	-4802 Jul 12 j 04:54	11°♊02'46	-3°-41'-39	
minimum elong	-4802 Jul 12 j 08:17	10°♊53'49	3°40'47	
morning rise	-4802 Jul 18 j 17:07	5°♊40'27		
direct	-4802 Jul 21 j 09:00	5°♊04'48		
asc. node	-4802 Jul 26 j 00:03	6°♊51'21		
morning max el	-4802 Jul 27 j 21:19	8°♊30'22	18°01'12	
	-4802 Aug 11 j 05:12	0°♋		
morning set	-4802 Aug 14 j 03:36	5°♋03'04		
superior conj	-4802 Aug 26 j 22:47	26°♋36'40	1°06'12	
minimum elong	-4802 Aug 27 j 04:43	27°♋00'58	1°05'46	
	-4802 Aug 29 j 00:42	0°♌		
max. Earth dist.	-4802 Sep 01 j 10:01	5°♌27'21	1.44006 AU	
desc. node	-4802 Sep 07 j 00:28	14°♌19'27		
evening rise	-4802 Sep 12 j 05:07	22°♌24'29		
	-4802 Sep 17 j 03:43	0°♍		
greatest brilliancy	-4802 Oct 03 j 06:51	23°♍40'54	-0.6m	
	-4802 Oct 08 j 08:03	0°♎		
evening max el	-4802 Oct 09 j 17:14	1°♎29'29	20°25'39	
retrograde	-4802 Oct 17 j 15:41	6°♎09'46		
evening set	-4802 Oct 21 j 08:24	4°♎50'46		
asc. node	-4802 Oct 21 j 22:55	4°♎22'45		
	-4802 Oct 25 j 21:07	30°℞♍		
inferior conj	-4802 Oct 26 j 20:15	28°♍42'40	1°36'54	
minimum elong	-4802 Oct 26 j 18:08	28°♍49'47	1°36'05	
min. Earth dist.	-4802 Oct 27 j 13:11	27°♍45'36	0.66795 AU	
morning rise	-4802 Nov 01 j 03:23	22°♍25'28		
direct	-4802 Nov 06 j 16:17	20°♍02'11		
morning max el	-4802 Nov 18 j 02:30	26°♍50'18	24°41'05	
	-4802 Nov 21 j 01:21	0°♎		
desc. node	-4802 Dec 04 j 00:37	16°♎52'31		
	-4802 Dec 12 j 18:12	0°♏		
morning set	-4802 Dec 24 j 01:43	18°♏47'59		
max. Earth dist.	-4802 Dec 27 j 21:03	25°♏37'08	1.37545 AU	
	-4802 Dec 30 j 05:56	0°♐		
superior conj	-4801 Jan 03 j 12:18	8°♐08'01	-1°-46'-58	
minimum elong	-4801 Jan 03 j 14:30	8°♐18'43	1°47'06	
evening rise	-4801 Jan 12 j 00:39	25°♐01'19		
	-4801 Jan 14 j 13:15	0°♑		
asc. node	-4801 Jan 17 j 21:44	6°♑21'19		
evening max el	-4801 Jan 28 j 22:24	22°♑16'22	19°15'11	
retrograde	-4801 Feb 06 j 20:15	26°♑31'07		
evening set	-4801 Feb 09 j 05:18	26°♑14'19		
inferior conj	-4801 Feb 17 j 09:36	22°♑03'28	3°04'33	
minimum elong	-4801 Feb 17 j 14:35	21°♑55'02	3°03'11	
min. Earth dist.	-4801 Feb 20 j 07:59	20°♑05'14	0.56818 AU	
morning rise	-4801 Feb 25 j 20:11	17°♑09'38		
desc. node	-4801 Mar 02 j 00:01	16°♑14'42		
direct	-4801 Mar 02 j 18:39	16°♑13'17		
morning max el	-4801 Mar 16 j 22:19	23°♑27'10	25°07'29	
	-4801 Mar 22 j 19:28	0°♒		
	-4801 Apr 09 j 21:20	0°♓		
morning set	-4801 Apr 12 j 08:48	5°♓06'50		
asc. node	-4801 Apr 15 j 21:22	12°♓38'11		
superior conj	-4801 Apr 19 j 09:59	20°♓17'50	0°35'49	
minimum elong	-4801 Apr 19 j 08:28	20°♓09'35	0°35'28	
max. Earth dist.	-4801 Apr 20 j 13:23	22°♓46'27	1.33011 AU	
	-4801 Apr 23 j 22:22	0°♈		
evening rise	-4801 Apr 26 j 16:21	5°♈43'03		
	-4801 May 09 j 19:40	0°♉		
evening max el	-4801 May 28 j 15:35	24°♉56'49	27°17'33	
desc. node	-4801 May 28 j 22:27	25°♉13'09		
	-4801 Jun 04 j 01:41	0°♊		
retrograde	-4801 Jun 11 j 12:58	2°♊21'14		
evening set	-4801 Jun 18 j 14:05	29°♉58'48		
	-4801 Jun 18 j 13:22	30°℞♉		
min. Earth dist.	-4801 Jun 22 j 04:43	27°♉06'30	0.62112 AU	
inferior conj	-4801 Jun 25 j 05:55	24°♉15'20	-4°-6'-37	
minimum elong	-4801 Jun 25 j 08:03	24°♉10'20	4°06'15	
morning rise	-4801 Jul 02 j 04:34	19°♉13'08		
direct	-4801 Jul 04 j 17:37	18°♉44'31		
morning max el	-4801 Jul 11 j 11:44	22°♉08'47	17°58'00	
asc. node	-4801 Jul 12 j 21:07	23°♉37'12		
	-4801 Jul 17 j 13:31	0°♊		
morning set	-4801 Jul 27 j 17:12	17°♊33'20		
	-4801 Aug 03 j 16:10	0°♋		
superior conj	-4801 Aug 07 j 18:04	7°♋05'34	1°33'54	
minimum elong	-4801 Aug 07 j 22:39	7°♋25'15	1°33'48	
max. Earth dist.	-4801 Aug 14 j 21:47	19°♋05'22	1.42690 AU	
	-4801 Aug 21 j 16:50	0°♌		
evening rise	-4801 Aug 22 j 09:56	1°♌07'14		
desc. node	-4801 Aug 24 j 21:26	4°♌59'16		
	-4801 Sep 10 j 18:02	0°♍		
greatest brilliancy	-4801 Sep 17 j 14:18	9°♍08'53	-0.4m	
evening max el	-4801 Sep 22 j 14:32	14°♍54'04	21°36'29	
retrograde	-4801 Oct 01 j 12:05	20°♍11'02		
evening set	-4801 Oct 05 j 16:28	18°♍34'08		
asc. node	-4801 Oct 08 j 20:06	15°♍17'28		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4801 Oct 11 j 01:38	12°♍18'35	0°45'23
minimum elong	-4801 Oct 11 j 00:36	12°♍22'09	0°45'02
min. Earth dist.	-4801 Oct 11 j 07:50	11°♍57'12	0.67240 AU
morning rise	-4801 Oct 16 j 08:27	6°♍00'39	
direct	-4801 Oct 21 j 06:03	3°♍57'57	
morning max el	-4801 Oct 31 j 12:12	10°♍05'50	23°15'13
greatest brilliancy	-4801 Nov 05 j 19:29	16°♍05'11	-0.3m
	-4801 Nov 16 j 04:37	0°♎	
desc. node	-4801 Nov 20 j 21:31	6°♎52'09	
morning set	-4801 Dec 05 j 04:13	29°♎23'03	
	-4801 Dec 05 j 13:04	0°♏	
max. Earth dist.	-4801 Dec 09 j 16:52	7°♏04'47	1.39584 AU
superior conj	-4801 Dec 17 j 07:47	20°♏43'55	-1°-53'-6
minimum elong	-4801 Dec 17 j 07:58	20°♏44'46	1°53'18
	-4801 Dec 22 j 06:01	0°♐	
evening rise	-4801 Dec 26 j 17:59	8°♐38'31	
asc. node	-4800 Jan 04 j 18:50	25°♐09'06	
	-4800 Jan 07 j 23:22	0°♑	
evening max el	-4800 Jan 12 j 00:16	4°♑47'16	18°33'22
retrograde	-4800 Jan 19 j 16:59	8°♑32'30	
evening set	-4800 Jan 22 j 04:21	8°♑10'34	
inferior conj	-4800 Jan 29 j 16:45	3°♑40'19	3°51'41
minimum elong	-4800 Jan 29 j 19:29	3°♑34'58	3°51'06
min. Earth dist.	-4800 Feb 02 j 01:33	1°♑02'55	0.58594 AU
	-4800 Feb 03 j 12:44	30°℞♐	
morning rise	-4800 Feb 06 j 07:05	28°♐20'45	
direct	-4800 Feb 12 j 09:25	26°♐46'27	
desc. node	-4800 Feb 16 j 21:07	27°♐36'04	
	-4800 Feb 21 j 11:04	0°♑	
morning max el	-4800 Feb 26 j 15:22	4°♑17'11	26°29'27
	-4800 Mar 16 j 08:53	0°♒	
morning set	-4800 Mar 26 j 20:02	20°♒06'52	
	-4800 Mar 31 j 10:55	0°♓	
asc. node	-4800 Apr 01 j 18:19	2°♓51'18	
superior conj	-4800 Apr 02 j 21:31	5°♓20'06	0°11'46
minimum elong	-4800 Apr 02 j 21:01	5°♓17'18	0°11'32
behind sun begin	-4800 Apr 02 j 17:35	4°♓58'33	
behind sun end	-4800 Apr 03 j 00:26	5°♓36'03	
max. Earth dist.	-4800 Apr 03 j 02:08	5°♓45'19	1.32656 AU
evening rise	-4800 Apr 09 j 23:18	20°♓32'27	
	-4800 Apr 14 j 16:12	0°♈	
	-4800 May 03 j 10:43	0°♉	
evening max el	-4800 May 09 j 18:16	6°♉58'33	26°38'33
desc. node	-4800 May 14 j 19:38	11°♉07'20	
retrograde	-4800 May 23 j 19:57	14°♉19'23	
evening set	-4800 May 30 j 08:15	12°♉29'38	
min. Earth dist.	-4800 Jun 03 j 07:39	9°♉47'36	0.60106 AU
inferior conj	-4800 Jun 06 j 16:20	7°♉02'46	-4°-13'-12
minimum elong	-4800 Jun 06 j 15:53	7°♉03'44	4°13'04
morning rise	-4800 Jun 14 j 02:58	2°♉22'12	
direct	-4800 Jun 16 j 14:32	1°♉59'01	
morning max el	-4800 Jun 23 j 23:09	5°♉33'01	18°13'59
asc. node	-4800 Jun 28 j 18:08	11°♉22'10	
	-4800 Jul 09 j 11:53	0°♊	
morning set	-4800 Jul 09 j 22:46	0°♊51'10	
superior conj	-4800 Jul 19 j 15:24	18°♊52'29	1°47'14
minimum elong	-4800 Jul 19 j 17:09	19°♊00'23	1°47'26
	-4800 Jul 25 j 22:52	0°♋	
max. Earth dist.	-4800 Jul 27 j 03:40	2°♋03'02	1.40945 AU
evening rise	-4800 Aug 01 j 07:34	10°♋38'52	
desc. node	-4800 Aug 10 j 18:26	25°♋32'03	
	-4800 Aug 13 j 17:38	0°♌	
greatest brilliancy	-4800 Aug 30 j 05:15	22°♌40'42	-0.3m
evening max el	-4800 Sep 04 j 06:05	28°♌19'03	22°55'17
	-4800 Sep 06 j 00:20	0°♍	
retrograde	-4800 Sep 14 j 06:04	4°♍14'45	
evening set	-4800 Sep 19 j 00:05	2°♍18'14	
	-4800 Sep 21 j 06:38	30°℞♌	
inferior conj	-4800 Sep 24 j 08:11	25°♌58'48	0°-7'-42
minimum elong	-4800 Sep 24 j 08:21	25°♌58'12	0°07'29
transit middle	-4800 Sep 24 j 08:21	25°♌58'12	0°07'29
transit begin	-4800 Sep 24 j 05:57	26°♌06'29	
transit end	-4800 Sep 24 j 10:45	25°♌49'56	
min. Earth dist.	-4800 Sep 24 j 04:11	26°♌12'33	0.67391 AU
asc. node	-4800 Sep 24 j 17:14	25°♌27'36	
morning rise	-4800 Sep 29 j 16:34	19°♌43'24	
direct	-4800 Oct 03 j 23:53	18°♌01'52	
morning max el	-4800 Oct 13 j 01:46	23°♌25'36	21°50'49
greatest brilliancy	-4800 Oct 18 j 00:22	29°♌04'46	-0.4m
	-4800 Oct 18 j 17:57	0°♍	
desc. node	-4800 Nov 06 j 18:23	27°♍09'43	
	-4800 Nov 08 j 14:42	0°♎	
morning set	-4800 Nov 14 j 02:09	8°♎35'31	
max. Earth dist.	-4800 Nov 20 j 16:47	19°♎20'37	1.41587 AU
	-4800 Nov 26 j 23:25	0°♏	
superior conj	-4800 Nov 28 j 07:13	2°♏18'39	-1°-47'-58
minimum elong	-4800 Nov 28 j 04:09	2°♏05'12	1°47'58
evening rise	-4800 Dec 08 j 23:55	21°♏38'42	
	-4800 Dec 13 j 13:28	0°♐	
asc. node	-4800 Dec 21 j 15:55	13°♐17'17	
evening max el	-4800 Dec 25 j 08:37	17°♐42'13	18°11'34
retrograde	-4799 Jan 01 j 07:01	21°♐12'55	
evening set	-4799 Jan 03 j 20:52	20°♐44'31	
inferior conj	-4799 Jan 10 j 19:31	15°♐52'08	4°05'27
minimum elong	-4799 Jan 10 j 19:21	15°♐52'30	4°05'13
min. Earth dist.	-4799 Jan 14 j 00:30	12°♐58'39	0.60586 AU
morning rise	-4799 Jan 17 j 15:09	10°♐13'58	
direct	-4799 Jan 24 j 11:14	8°♐02'21	
desc. node	-4799 Feb 02 j 18:11	11°♐34'45	
morning max el	-4799 Feb 07 j 14:03	15°♐40'46	27°23'14
	-4799 Feb 19 j 07:39	0°♑	
	-4799 Mar 08 j 18:00	0°♒	
morning set	-4799 Mar 11 j 04:18	4°♒56'12	
max. Earth dist.	-4799 Mar 17 j 15:19	18°♒43'10	1.32637 AU
superior conj	-4799 Mar 18 j 09:06	20°♒20'13	0°-13'-2
minimum elong	-4799 Mar 18 j 09:41	20°♒23'25	0°13'06
behind sun begin	-4799 Mar 18 j 06:51	20°♒07'58	
behind sun end	-4799 Mar 18 j 12:31	20°♒38'52	
asc. node	-4799 Mar 19 j 15:16	23°♒05'04	
	-4799 Mar 22 j 19:36	0°♓	
evening rise	-4799 Mar 25 j 09:28	5°♓29'26	
	-4799 Apr 07 j 11:51	0°♈	
evening max el	-4799 Apr 21 j 14:57	18°♈19'37	25°30'11
desc. node	-4799 May 01 j 16:49	24°♈53'50	
retrograde	-4799 May 05 j 17:02	25°♈31'45	
evening set	-4799 May 11 j 05:00	24°♈20'22	
min. Earth dist.	-4799 May 16 j 03:30	21°♈32'08	0.58105 AU
inferior conj	-4799 May 19 j 08:39	19°♈15'52	-3°-52'-19
minimum elong	-4799 May 19 j 04:51	19°♈22'37	3°51'44
morning rise	-4799 May 27 j 08:46	14°♈56'20	
direct	-4799 May 29 j 19:36	14°♈37'29	
morning max el	-4799 Jun 07 j 04:40	18°♈34'03	18°49'58
asc. node	-4799 Jun 15 j 15:06	29°♈52'43	
	-4799 Jun 15 j 16:50	0°♉	
morning set	-4799 Jun 23 j 15:56	14°♉45'24	
	-4799 Jul 01 j 11:51	0°♊	
superior conj	-4799 Jul 02 j 09:18	1°♊42'14	1°48'52
minimum elong	-4799 Jul 02 j 08:38	1°♊39'02	1°49'04

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4799 Jul 09 j 05:44	14°♊19'52	1.39012 AU
evening rise	-4799 Jul 13 j 07:13	21°♊26'05	
	-4799 Jul 18 j 10:11	0°♋	
desc. node	-4799 Jul 28 j 15:28	15°♋52'59	
	-4799 Aug 07 j 17:30	0°♌	
evening max el	-4799 Aug 17 j 17:54	11°♌46'10	24°16'03
retrograde	-4799 Aug 28 j 20:28	18°♌17'31	
evening set	-4799 Sep 03 j 05:30	16°♌01'11	
min. Earth dist.	-4799 Sep 07 j 23:44	10°♌29'55	0.67244 AU
inferior conj	-4799 Sep 08 j 14:09	9°♌41'15	-1°00'-44
minimum elong	-4799 Sep 08 j 15:33	9°♌36'31	0°59'58
asc. node	-4799 Sep 11 j 14:21	5°♌51'30	
morning rise	-4799 Sep 14 j 01:48	3°♌31'44	
direct	-4799 Sep 17 j 20:34	2°♌09'54	
morning max el	-4799 Sep 25 j 21:52	6°♌53'03	20°34'41
greatest brilliancy	-4799 Oct 02 j 05:21	14°♌27'42	-0.5m
	-4799 Oct 13 j 01:37	0°♍	
morning set	-4799 Oct 24 j 03:27	16°♍53'37	
desc. node	-4799 Oct 24 j 15:16	17°♍39'32	
	-4799 Nov 01 j 11:01	0°♎	
max. Earth dist.	-4799 Nov 03 j 00:30	2°♎30'37	1.43264 AU
superior conj	-4799 Nov 09 j 05:02	12°♎38'38	-1°-28'-2
minimum elong	-4799 Nov 08 j 22:49	12°♎12'50	1°27'31
	-4799 Nov 19 j 09:05	0°♏	
evening rise	-4799 Nov 21 j 14:24	3°♏53'26	
	-4799 Dec 08 j 00:29	0°♐	
asc. node	-4799 Dec 08 j 13:02	0°♐33'44	
evening max el	-4799 Dec 08 j 20:31	0°♐52'57	18°09'18
retrograde	-4799 Dec 15 j 10:39	4°♐22'01	
evening set	-4799 Dec 18 j 03:20	3°♐46'11	
	-4799 Dec 23 j 04:00	30°℞♏	
inferior conj	-4799 Dec 24 j 14:44	28°♏32'11	3°54'59
minimum elong	-4799 Dec 24 j 12:32	28°♏37'52	3°54'32
min. Earth dist.	-4799 Dec 27 j 07:51	25°♏45'02	0.62496 AU
morning rise	-4799 Dec 30 j 19:49	22°♏40'11	
direct	-4798 Jan 06 j 21:39	20°♏02'24	
desc. node	-4798 Jan 20 j 15:11	27°♏35'36	
morning max el	-4798 Jan 20 j 18:47	27°♏44'23	27°41'50
	-4798 Jan 22 j 23:25	0°♐	
	-4798 Feb 12 j 23:29	0°♑	
morning set	-4798 Feb 23 j 07:31	19°♑27'09	
	-4798 Feb 28 j 09:00	0°♒	
max. Earth dist.	-4798 Mar 01 j 01:05	1°♒26'02	1.32967 AU
superior conj	-4798 Mar 02 j 19:03	5°♒12'04	0°-37'-42
minimum elong	-4798 Mar 02 j 20:42	5°♒21'00	0°37'36
asc. node	-4798 Mar 06 j 12:15	13°♒15'24	
evening rise	-4798 Mar 09 j 21:00	20°♒26'52	
	-4798 Mar 14 j 13:46	0°♓	
evening max el	-4798 Apr 03 j 07:25	29°♓10'42	24°02'09
	-4798 Apr 04 j 04:37	0°♈	
retrograde	-4798 Apr 17 j 02:02	6°♈04'06	
desc. node	-4798 Apr 18 j 13:58	5°♈59'01	
evening set	-4798 Apr 21 j 06:57	5°♈24'52	
min. Earth dist.	-4798 Apr 27 j 19:10	2°♈17'11	0.56422 AU
inferior conj	-4798 Apr 30 j 04:53	0°♈47'58	-2°-54'-40
minimum elong	-4798 Apr 29 j 23:12	0°♈56'48	2°53'16
	-4798 May 01 j 12:07	30°℞♓	
morning rise	-4798 May 08 j 19:19	26°♓45'15	
direct	-4798 May 11 j 06:04	26°♓29'30	
	-4798 May 19 j 20:45	0°♈	
morning max el	-4798 May 21 j 01:39	1°♈03'14	19°46'21
asc. node	-4798 Jun 02 j 12:04	18°♈58'21	
morning set	-4798 Jun 07 j 17:23	29°♈07'48	
	-4798 Jun 08 j 03:46	0°♉	
superior conj	-4798 Jun 15 j 18:24	15°♉20'16	1°41'44
minimum elong	-4798 Jun 15 j 16:16	15°♉09'40	1°41'44
max. Earth dist.	-4798 Jun 21 j 08:47	26°♉10'27	1.37141 AU
	-4798 Jun 23 j 10:07	0°♊	
evening rise	-4798 Jun 25 j 07:48	3°♊28'01	
	-4798 Jul 11 j 10:48	0°♋	
desc. node	-4798 Jul 15 j 12:32	5°♋56'20	
evening max el	-4798 Jul 31 j 04:28	25°♋16'06	25°31'16
	-4798 Aug 05 j 21:14	0°♌	
retrograde	-4798 Aug 12 j 06:38	2°♌15'27	
	-4798 Aug 17 j 22:09	30°℞♋	
evening set	-4798 Aug 18 j 06:50	29°♋41'42	
min. Earth dist.	-4798 Aug 22 j 16:05	24°♋47'42	0.66776 AU
inferior conj	-4798 Aug 23 j 17:50	23°♋24'24	-1°-52'-1
minimum elong	-4798 Aug 23 j 20:20	23°♋16'18	1°50'51
morning rise	-4798 Aug 29 j 10:23	17°♋24'03	
asc. node	-4798 Aug 29 j 11:26	17°♋22'21	
direct	-4798 Sep 01 j 18:39	16°♋19'13	
morning max el	-4798 Sep 09 j 01:14	20°♋29'37	19°31'11
	-4798 Sep 16 j 13:58	0°♌	
greatest brilliancy	-4798 Sep 18 j 03:36	2°♌15'45	-0.7m
morning set	-4798 Oct 03 j 05:30	25°♌21'03	
	-4798 Oct 06 j 05:02	0°♍	
desc. node	-4798 Oct 11 j 12:11	8°♍17'41	
max. Earth dist.	-4798 Oct 16 j 14:42	16°♍20'52	1.44378 AU
superior conj	-4798 Oct 19 j 23:30	21°♍42'27	0°-51'-46
minimum elong	-4798 Oct 19 j 17:38	21°♍18'57	0°51'01
	-4798 Oct 25 j 03:03	0°♎	
evening rise	-4798 Nov 03 j 08:49	15°♎13'49	
	-4798 Nov 12 j 06:12	0°♏	
evening max el	-4798 Nov 22 j 09:11	14°♏13'21	18°25'46
asc. node	-4798 Nov 25 j 10:09	16°♏44'24	
retrograde	-4798 Nov 28 j 23:32	17°♏51'30	
evening set	-4798 Dec 01 j 20:16	17°♏06'46	
inferior conj	-4798 Dec 07 j 22:41	11°♏33'34	3°28'05
minimum elong	-4798 Dec 07 j 19:33	11°♏42'33	3°27'16
min. Earth dist.	-4798 Dec 10 j 01:21	9°♏08'46	0.64141 AU
morning rise	-4798 Dec 13 j 17:28	5°♏30'53	
direct	-4798 Dec 20 j 15:20	2°♏41'42	
morning max el	-4797 Jan 03 j 03:29	10°♏22'41	27°24'52
desc. node	-4797 Jan 07 j 12:12	15°♏05'03	
	-4797 Jan 18 j 16:45	0°♐	
	-4797 Feb 05 j 07:41	0°♑	
morning set	-4797 Feb 07 j 02:58	3°♑30'30	
max. Earth dist.	-4797 Feb 12 j 03:30	13°♑40'48	1.33692 AU
superior conj	-4797 Feb 15 j 01:34	19°♑49'07	-1°-1'-17
minimum elong	-4797 Feb 15 j 04:05	20°♑02'32	1°01'06
	-4797 Feb 19 j 20:00	0°♒	
asc. node	-4797 Feb 21 j 09:15	3°♒17'38	
evening rise	-4797 Feb 22 j 08:09	5°♒17'59	
	-4797 Mar 07 j 21:11	0°♓	
evening max el	-4797 Mar 16 j 00:52	9°♓55'07	22°28'01
retrograde	-4797 Mar 28 j 23:01	16°♓13'05	
evening set	-4797 Apr 01 j 00:25	15°♓52'31	
desc. node	-4797 Apr 05 j 11:07	14°♓17'55	
min. Earth dist.	-4797 Apr 09 j 09:26	12°♓12'51	0.55389 AU
inferior conj	-4797 Apr 10 j 07:41	11°♓41'09	-1°-19'-3
minimum elong	-4797 Apr 10 j 04:11	11°♓46'09	1°18'00
morning rise	-4797 Apr 19 j 10:00	7°♓43'36	
direct	-4797 Apr 21 j 23:55	7°♓28'17	
morning max el	-4797 May 03 j 12:08	12°♓52'18	21°02'15
	-4797 May 15 j 21:23	0°♈	
asc. node	-4797 May 20 j 09:03	8°♈29'35	
morning set	-4797 May 23 j 00:26	13°♈49'51	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4797 May 30 j 14:13	29°♈32'38	1°28'13
minimum elong	-4797 May 30 j 11:31	29°♈18'44	1°28'01
	-4797 May 30 j 19:33	0°♉	
max. Earth dist.	-4797 Jun 03 j 18:23	7°♉58'57	1.35524 AU
evening rise	-4797 Jun 08 j 04:06	16°♉30'20	
	-4797 Jun 15 j 16:11	0°♊	
desc. node	-4797 Jul 02 j 09:38	25°♊33'32	
	-4797 Jul 05 j 20:02	0°♋	
evening max el	-4797 Jul 13 j 15:20	8°♋44'50	26°32'57
retrograde	-4797 Jul 26 j 12:08	16°♋01'52	
evening set	-4797 Aug 02 j 01:54	13°♋16'44	
min. Earth dist.	-4797 Aug 06 j 02:56	9°♋01'35	0.65950 AU
inferior conj	-4797 Aug 07 j 17:17	7°♋05'03	-2°-39'-44
minimum elong	-4797 Aug 07 j 20:37	6°♋54'57	2°38'26
morning rise	-4797 Aug 13 j 16:16	1°♋17'00	
asc. node	-4797 Aug 16 j 08:33	0°♋26'32	
direct	-4797 Aug 16 j 16:20	0°♋25'57	
morning max el	-4797 Aug 23 j 10:42	4°♋12'25	18°42'53
	-4797 Sep 10 j 03:45	0°♌	
morning set	-4797 Sep 13 j 04:08	4°♌50'35	
desc. node	-4797 Sep 28 j 09:08	29°♌00'26	
superior conj	-4797 Sep 29 j 00:16	0°♍00'05	0°-3'-59
minimum elong	-4797 Sep 28 j 23:45	29°♌58'04	0°03'48
behind sun begin	-4797 Sep 28 j 12:35	29°♌14'01	
behind sun end	-4797 Sep 29 j 10:56	0°♍42'08	
	-4797 Sep 29 j 00:15	0°♍	
max. Earth dist.	-4797 Sep 29 j 08:04	0°♍30'50	1.44797 AU
evening rise	-4797 Oct 15 j 02:53	25°♍30'32	
	-4797 Oct 17 j 22:21	0°♎	
evening max el	-4797 Nov 05 j 20:06	27°♎38'59	18°59'58
	-4797 Nov 08 j 12:09	0°♏	
asc. node	-4797 Nov 12 j 07:17	1°♏33'59	
retrograde	-4797 Nov 12 j 17:53	1°♏35'05	
evening set	-4797 Nov 15 j 20:35	0°♏39'18	
	-4797 Nov 16 j 19:43	30°℞♎	
inferior conj	-4797 Nov 21 j 16:00	24°♎50'07	2°50'16
minimum elong	-4797 Nov 21 j 12:49	24°♎59'59	2°49'13
min. Earth dist.	-4797 Nov 23 j 04:32	22°♎56'41	0.65444 AU
morning rise	-4797 Nov 27 j 04:03	18°♎39'33	
direct	-4797 Dec 03 j 15:40	15°♎52'44	
morning max el	-4797 Dec 16 j 13:21	23°♎23'37	26°37'24
	-4797 Dec 22 j 11:58	0°♏	
desc. node	-4797 Dec 25 j 09:12	3°♏37'16	
	-4796 Jan 12 j 00:04	0°♐	
morning set	-4796 Jan 21 j 11:07	16°♐55'26	
max. Earth dist.	-4796 Jan 25 j 19:07	25°♐20'25	1.34855 AU
	-4796 Jan 28 j 02:42	0°♑	
superior conj	-4796 Jan 30 j 02:31	4°♑05'05	-1°-22'-30
minimum elong	-4796 Jan 30 j 05:31	4°♑20'34	1°22'21
evening rise	-4796 Feb 06 j 17:10	19°♑57'07	
asc. node	-4796 Feb 08 j 06:18	23°♑07'20	
	-4796 Feb 11 j 17:53	0°♒	
evening max el	-4796 Feb 26 j 01:32	21°♒00'01	21°00'39
retrograde	-4796 Mar 08 j 12:57	26°♒27'57	
evening set	-4796 Mar 10 j 23:48	26°♒13'54	
inferior conj	-4796 Mar 20 j 03:11	22°♒15'43	0°36'26
minimum elong	-4796 Mar 20 j 04:50	22°♒13'22	0°35'43
min. Earth dist.	-4796 Mar 20 j 23:47	21°♒46'18	0.55249 AU
desc. node	-4796 Mar 22 j 08:16	21°♒00'39	
morning rise	-4796 Mar 29 j 08:48	18°♒05'16	
direct	-4796 Apr 01 j 12:04	17°♒43'48	
morning max el	-4796 Apr 14 j 12:04	24°♒01'00	22°33'46
	-4796 Apr 19 j 20:48	0°♓	
morning set	-4796 May 06 j 10:57	28°♓45'02	
asc. node	-4796 May 06 j 06:03	28°♓19'32	
	-4796 May 07 j 01:19	0°♈	
superior conj	-4796 May 13 j 17:24	14°♈08'59	1°10'11
minimum elong	-4796 May 13 j 14:49	13°♈55'16	1°09'51
max. Earth dist.	-4796 May 16 j 13:50	20°♈07'22	1.34261 AU
	-4796 May 21 j 11:13	0°♉	
evening rise	-4796 May 21 j 14:56	0°♉18'12	
	-4796 Jun 07 j 17:05	0°♊	
desc. node	-4796 Jun 18 j 06:44	14°♊33'29	
evening max el	-4796 Jun 25 j 02:34	22°♊04'44	27°13'12
retrograde	-4796 Jul 08 j 12:24	29°♊29'15	
evening set	-4796 Jul 15 j 12:00	26°♊42'42	
min. Earth dist.	-4796 Jul 19 j 06:11	23°♊05'08	0.64744 AU
inferior conj	-4796 Jul 21 j 10:16	20°♊39'39	-3°-21'-32
minimum elong	-4796 Jul 21 j 13:53	20°♊29'33	3°20'26
morning rise	-4796 Jul 27 j 17:13	15°♊06'54	
direct	-4796 Jul 30 j 11:23	14°♊26'28	
asc. node	-4796 Aug 02 j 05:40	15°♊06'35	
morning max el	-4796 Aug 06 j 00:04	17°♊57'30	18°11'16
	-4796 Aug 14 j 19:29	0°♋	
morning set	-4796 Aug 24 j 05:56	15°♋38'11	
	-4796 Sep 01 j 22:02	0°♌	
superior conj	-4796 Sep 07 j 04:53	8°♌33'04	0°43'32
minimum elong	-4796 Sep 07 j 09:46	8°♌52'40	0°43'07
max. Earth dist.	-4796 Sep 11 j 01:26	14°♌41'51	1.44494 AU
desc. node	-4796 Sep 14 j 06:03	19°♌44'24	
	-4796 Sep 20 j 19:26	0°♍	
evening rise	-4796 Sep 23 j 20:36	4°♍44'20	
	-4796 Oct 10 j 11:16	0°♎	
greatest brilliancy	-4796 Oct 11 j 08:37	1°♎16'25	-0.6m
evening max el	-4796 Oct 19 j 02:56	11°♎05'41	19°50'19
retrograde	-4796 Oct 26 j 14:40	15°♎27'39	
asc. node	-4796 Oct 29 j 04:28	14°♎49'05	
evening set	-4796 Oct 30 j 01:35	14°♎18'03	
inferior conj	-4796 Nov 04 j 15:45	8°♎16'06	2°05'08
minimum elong	-4796 Nov 04 j 13:08	8°♎24'43	2°04'09
min. Earth dist.	-4796 Nov 05 j 15:29	6°♎58'00	0.66402 AU
morning rise	-4796 Nov 09 j 23:59	2°♎00'33	
	-4796 Nov 13 j 02:25	30°℞♍	
direct	-4796 Nov 15 j 21:46	29°♍26'28	
	-4796 Nov 18 j 21:36	0°♎	
morning max el	-4796 Nov 27 j 22:24	6°♎33'51	25°27'31
desc. node	-4796 Dec 11 j 06:10	22°♎52'52	
	-4796 Dec 16 j 05:00	0°♏	
morning set	-4795 Jan 03 j 03:03	29°♏26'26	
	-4795 Jan 03 j 10:27	0°♐	
max. Earth dist.	-4795 Jan 06 j 22:58	6°♐31'04	1.36460 AU
superior conj	-4795 Jan 12 j 19:04	17°♐50'34	-1°-39'-44
minimum elong	-4795 Jan 12 j 21:51	18°♐04'24	1°39'44
	-4795 Jan 18 j 19:20	0°♑	
evening rise	-4795 Jan 20 j 21:59	4°♑17'08	
asc. node	-4795 Jan 25 j 03:20	12°♑38'18	
	-4795 Feb 05 j 00:51	0°♒	
evening max el	-4795 Feb 07 j 12:27	2°♒38'33	19°48'19
retrograde	-4795 Feb 17 j 07:13	7°♒16'17	
evening set	-4795 Feb 19 j 15:34	7°♒01'31	
inferior conj	-4795 Feb 28 j 05:21	2°♒59'19	2°19'59
minimum elong	-4795 Feb 28 j 10:20	2°♒51'33	2°18'22
min. Earth dist.	-4795 Mar 02 j 14:14	1°♒30'55	0.56031 AU
	-4795 Mar 05 j 05:48	30°℞♑	
morning rise	-4795 Mar 09 j 01:51	28°♑22'34	
desc. node	-4795 Mar 09 j 05:26	28°♑19'51	
direct	-4795 Mar 13 j 07:06	27°♑42'52	
	-4795 Mar 21 j 02:30	0°♒	
morning max el	-4795 Mar 27 j 04:29	4°♒40'58	24°12'32

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4795 Apr 14 j 00:23	0°♓		
morning set	-4795 Apr 20 j 23:06	13°♓46'53		
asc. node	-4795 Apr 23 j 03:01	18°♓22'07		
superior conj	-4795 Apr 28 j 01:23	29°♓00'37	0°49'01	
minimum elong	-4795 Apr 27 j 23:23	28°♓49'48	0°48'38	
	-4795 Apr 28 j 12:24	0°♈		
max. Earth dist.	-4795 Apr 29 j 18:33	2°♈41'49	1.33366 AU	
evening rise	-4795 May 05 j 12:02	14°♈38'09		
	-4795 May 13 j 13:42	0°♉		
	-4795 Jun 02 j 18:12	0°♊		
desc. node	-4795 Jun 05 j 03:53	2°♊40'27		
evening max el	-4795 Jun 07 j 12:34	5°♊03'58	27°25'19	
retrograde	-4795 Jun 21 j 06:39	12°♊28'53		
evening set	-4795 Jun 28 j 09:44	9°♊53'55		
min. Earth dist.	-4795 Jul 02 j 00:07	6°♊48'07	0.63161 AU	
inferior conj	-4795 Jul 04 j 18:04	4°♊02'31	-3°-54'-4	
minimum elong	-4795 Jul 04 j 21:05	3°♊54'56	3°53'25	
	-4795 Jul 09 j 06:58	30°℞♉		
morning rise	-4795 Jul 11 j 10:30	28°♉48'10		
direct	-4795 Jul 14 j 00:57	28°♉15'43		
	-4795 Jul 18 j 16:35	0°♊		
asc. node	-4795 Jul 20 j 02:44	1°♊10'53		
morning max el	-4795 Jul 20 j 14:48	1°♊39'47	17°57'31	
morning set	-4795 Aug 06 j 08:06	27°♊35'46		
	-4795 Aug 07 j 16:58	0°♋		
superior conj	-4795 Aug 18 j 08:06	18°♋14'05	1°19'47	
minimum elong	-4795 Aug 18 j 13:51	18°♋38'01	1°19'29	
max. Earth dist.	-4795 Aug 24 j 16:21	28°♋38'26	1.43516 AU	
	-4795 Aug 25 j 12:36	0°♌		
desc. node	-4795 Sep 01 j 03:00	10°♌26'57		
evening rise	-4795 Sep 03 j 00:37	13°♌24'22		
	-4795 Sep 13 j 22:32	0°♍		
greatest brilliancy	-4795 Sep 26 j 11:30	17°♍48'30	-0.5m	
evening max el	-4795 Oct 02 j 04:04	24°♍32'04	20°54'29	
retrograde	-4795 Oct 10 j 11:39	29°♍26'50		
evening set	-4795 Oct 14 j 09:06	28°♍00'33		
asc. node	-4795 Oct 16 j 01:38	26°♍29'50		
inferior conj	-4795 Oct 19 j 19:39	21°♍49'06	1°15'21	
minimum elong	-4795 Oct 19 j 17:58	21°♍54'51	1°14'43	
min. Earth dist.	-4795 Oct 20 j 07:57	21°♍07'12	0.67031 AU	
morning rise	-4795 Oct 25 j 02:25	15°♍31'23		
direct	-4795 Oct 30 j 08:54	13°♍16'25		
morning max el	-4795 Nov 10 j 07:08	19°♍47'39	24°04'47	
	-4795 Nov 18 j 23:48	0°♎		
desc. node	-4795 Nov 28 j 03:06	12°♎39'20		
	-4795 Dec 09 j 09:35	0°♏		
morning set	-4795 Dec 15 j 20:51	10°♏47'33		
max. Earth dist.	-4795 Dec 19 j 19:47	17°♏43'15	1.38409 AU	
	-4795 Dec 26 j 11:52	0°♐		
superior conj	-4795 Dec 26 j 23:34	0°♐55'34	-1°-50'-44	
minimum elong	-4795 Dec 27 j 01:05	1°♐02'46	1°50'54	
evening rise	-4794 Jan 04 j 20:17	18°♐11'58		
	-4794 Jan 11 j 01:01	0°♑		
asc. node	-4794 Jan 12 j 00:24	1°♑44'03		
evening max el	-4794 Jan 21 j 09:23	14°♑51'41	18°54'52	
retrograde	-4794 Jan 29 j 17:13	18°♑51'38		
evening set	-4794 Feb 01 j 03:25	18°♑32'41		
inferior conj	-4794 Feb 09 j 00:44	14°♑14'01	3°29'09	
minimum elong	-4794 Feb 09 j 04:59	14°♑06'20	3°28'07	
min. Earth dist.	-4794 Feb 12 j 05:37	11°♑56'49	0.57535 AU	
morning rise	-4794 Feb 17 j 02:54	9°♑08'45		
direct	-4794 Feb 22 j 14:18	7°♑57'03		
desc. node	-4794 Feb 24 j 02:33	8°♑02'33		
morning max el	-4794 Mar 08 j 19:29	15°♑18'44	25°45'07	

	-4794 Mar 20 j 14:32	0°♒		
morning set	-4794 Apr 05 j 11:07	28°♒49'19		
	-4794 Apr 06 j 00:33	0°♓		
asc. node	-4794 Apr 09 j 23:57	8°♓32'29		
superior conj	-4794 Apr 12 j 12:06	14°♓00'30	0°25'45	
minimum elong	-4794 Apr 12 j 10:59	13°♓54'26	0°25'26	
max. Earth dist.	-4794 Apr 13 j 05:36	15°♓35'56	1.32821 AU	
evening rise	-4794 Apr 19 j 16:07	29°♓19'15		
	-4794 Apr 20 j 00:02	0°♈		
	-4794 May 06 j 18:55	0°♉		
evening max el	-4794 May 20 j 18:36	17°♉29'05	27°05'02	
desc. node	-4794 May 23 j 01:03	19°♉31'34		
retrograde	-4794 Jun 03 j 17:48	24°♉51'28		
evening set	-4794 Jun 10 j 15:02	22°♉41'45		
min. Earth dist.	-4794 Jun 14 j 08:01	19°♉55'58	0.61272 AU	
inferior conj	-4794 Jun 17 j 13:18	17°♉05'12	-4°-12'-12	
minimum elong	-4794 Jun 17 j 14:29	17°♉02'34	4°11'59	
morning rise	-4794 Jun 24 j 16:49	12°♉11'54		
direct	-4794 Jun 27 j 05:15	11°♉45'36		
morning max el	-4794 Jul 04 j 04:12	15°♉12'23	18°02'28	
asc. node	-4794 Jul 06 j 23:45	18°♉23'07		
	-4794 Jul 14 j 10:26	0°♊		
morning set	-4794 Jul 20 j 05:05	10°♊27'47		
superior conj	-4794 Jul 30 j 14:58	29°♊17'16	1°41'12	
minimum elong	-4794 Jul 30 j 18:23	29°♊32'14	1°41'14	
	-4794 Jul 31 j 00:43	0°♋		
max. Earth dist.	-4794 Aug 07 j 02:16	12°♋02'50	1.41989 AU	
evening rise	-4794 Aug 13 j 10:38	22°♋22'24		
	-4794 Aug 18 j 07:19	0°♌		
desc. node	-4794 Aug 18 j 23:59	1°♌04'17		
	-4794 Sep 08 j 03:36	0°♍		
greatest brilliancy	-4794 Sep 10 j 04:53	2°♍34'48	-0.3m	
evening max el	-4794 Sep 14 j 22:50	7°♍56'50	22°09'15	
retrograde	-4794 Sep 24 j 07:06	13°♍29'45		
evening set	-4794 Sep 28 j 17:12	11°♍44'26		
asc. node	-4794 Oct 02 j 22:47	6°♍59'13		
inferior conj	-4794 Oct 04 j 01:43	5°♍26'51	0°22'57	
minimum elong	-4794 Oct 04 j 01:11	5°♍28'41	0°22'51	
min. Earth dist.	-4794 Oct 04 j 03:30	5°♍20'43	0.67349 AU	
	-4794 Oct 08 j 10:54	30°℞♌		
morning rise	-4794 Oct 09 j 09:01	29°♌09'53		
direct	-4794 Oct 14 j 00:24	27°♌16'22		
	-4794 Oct 20 j 08:25	0°♍		
morning max el	-4794 Oct 23 j 18:10	3°♍04'49	22°38'40	
greatest brilliancy	-4794 Oct 28 j 11:47	8°♍24'49	-0.3m	
	-4794 Nov 13 j 03:17	0°♎		
desc. node	-4794 Nov 15 j 00:00	2°♎47'30		
morning set	-4794 Nov 26 j 11:08	20°♎46'38		
max. Earth dist.	-4794 Dec 01 j 17:12	29°♎31'40	1.40468 AU	
	-4794 Dec 01 j 23:51	0°♏		
superior conj	-4794 Dec 09 j 11:14	13°♏07'19	-1°-52'-31	
minimum elong	-4794 Dec 09 j 10:09	13°♏02'26	1°52'41	
	-4794 Dec 18 j 13:10	0°♐		
evening rise	-4794 Dec 19 j 09:13	1°♐34'44		
asc. node	-4794 Dec 29 j 21:28	20°♐16'21		
evening max el	-4793 Jan 04 j 14:18	27°♐33'39	18°21'34	
	-4793 Jan 07 j 17:45	0°♑		
retrograde	-4793 Jan 11 j 21:57	1°♑11'16		
evening set	-4793 Jan 14 j 10:20	0°♑46'40		
	-4793 Jan 16 j 06:32	30°℞♐		
inferior conj	-4793 Jan 21 j 16:32	26°♐06'43	4°01'04	
minimum elong	-4793 Jan 21 j 17:59	26°♐03'41	4°00'44	
min. Earth dist.	-4793 Jan 25 j 00:54	23°♐19'46	0.59435 AU	
morning rise	-4793 Jan 28 j 22:29	20°♐38'23		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4793 Feb 04 j 09:39	18°♐47'49		
desc. node	-4793 Feb 10 j 23:38	20°♐34'41		
morning max el	-4793 Feb 18 j 14:52	26°♐22'08	26°56'29	
	-4793 Feb 22 j 01:37	0°♑		
	-4793 Mar 13 j 22:07	0°♒		
morning set	-4793 Mar 20 j 21:21	13°♒46'14		
superior conj	-4793 Mar 27 j 23:51	29°♒02'48	0°01'17	
minimum elong	-4793 Mar 27 j 23:48	29°♒02'32	0°01'08	
behind sun begin	-4793 Mar 27 j 18:49	28°♒35'15		
behind sun end	-4793 Mar 28 j 04:47	29°♒29'49		
asc. node	-4793 Mar 27 j 20:53	28°♒46'33		
max. Earth dist.	-4793 Mar 27 j 19:11	28°♒37'18	1.32606 AU	
	-4793 Mar 28 j 10:18	0°♓		
evening rise	-4793 Apr 04 j 00:41	14°♓13'03		
	-4793 Apr 12 j 01:36	0°♈		
evening max el	-4793 May 02 j 18:32	29°♈12'39	26°12'36	
	-4793 May 03 j 14:48	0°♉		
desc. node	-4793 May 09 j 22:11	4°♉36'21		
retrograde	-4793 May 16 j 20:40	6°♉30'46		
evening set	-4793 May 23 j 00:13	4°♉56'54		
min. Earth dist.	-4793 May 27 j 07:18	2°♉14'30	0.59237 AU	
	-4793 May 30 j 05:33	30°℞♈		
inferior conj	-4793 May 30 j 16:23	29°♈38'59	-4°-8'-20	
minimum elong	-4793 May 30 j 14:31	29°♈42'36	4°08'06	
morning rise	-4793 Jun 07 j 08:36	25°♈07'56		
direct	-4793 Jun 09 j 19:56	24°♈46'40		
morning max el	-4793 Jun 17 j 13:30	28°♈28'05	18°26'55	
	-4793 Jun 19 j 01:10	0°♉		
asc. node	-4793 Jun 23 j 20:44	6°♉28'55		
morning set	-4793 Jul 03 j 16:01	24°♉02'06		
	-4793 Jul 06 j 18:43	0°♊		
superior conj	-4793 Jul 12 j 21:47	11°♊33'05	1°49'11	
minimum elong	-4793 Jul 12 j 22:24	11°♊35'56	1°49'24	
max. Earth dist.	-4793 Jul 20 j 06:08	24°♊42'29	1.40127 AU	
	-4793 Jul 23 j 08:26	0°♋		
evening rise	-4793 Jul 24 j 18:52	2°♋24'11		
desc. node	-4793 Aug 05 j 20:59	21°♋32'30		
	-4793 Aug 11 j 15:10	0°♌		
evening max el	-4793 Aug 28 j 12:19	21°♌21'41	23°29'42	
retrograde	-4793 Sep 07 j 23:47	27°♌33'39		
evening set	-4793 Sep 13 j 00:08	25°♌28'21		
inferior conj	-4793 Sep 18 j 08:14	19°♌08'04	0°-30'-19	
minimum elong	-4793 Sep 18 j 08:55	19°♌05'40	0°29'51	
min. Earth dist.	-4793 Sep 17 j 23:47	19°♌37'01	0.67365 AU	
asc. node	-4793 Sep 19 j 19:55	17°♌07'34		
morning rise	-4793 Sep 23 j 17:49	12°♌54'52		
direct	-4793 Sep 27 j 19:27	11°♌22'15		
morning max el	-4793 Oct 06 j 10:26	16°♌28'09	21°17'09	
greatest brilliancy	-4793 Oct 11 j 19:48	22°♌44'27	-0.5m	
	-4793 Oct 17 j 05:21	0°♍		
desc. node	-4793 Nov 01 j 20:53	23°♍10'57		
morning set	-4793 Nov 05 j 22:32	29°♍30'48		
	-4793 Nov 06 j 05:58	0°♎		
max. Earth dist.	-4793 Nov 13 j 20:22	12°♎11'35	1.42354 AU	
superior conj	-4793 Nov 21 j 00:22	24°♎11'30	-1°-41'-30	
minimum elong	-4793 Nov 20 j 19:47	23°♎51'55	1°41'18	
	-4793 Nov 24 j 08:55	0°♏		
evening rise	-4793 Dec 02 j 09:11	14°♏17'12		
	-4793 Dec 11 j 07:11	0°♐		
asc. node	-4793 Dec 16 j 18:35	8°♐04'25		
evening max el	-4793 Dec 19 j 00:27	10°♐36'11	18°08'12	
retrograde	-4793 Dec 25 j 18:26	14°♐05'06		
evening set	-4793 Dec 28 j 09:13	13°♐33'52		
inferior conj	-4792 Jan 04 j 02:49	8°♐32'08	4°03'27	
minimum elong	-4792 Jan 04 j 01:39	8°♐34'56	4°03'10	
min. Earth dist.	-4792 Jan 07 j 03:23	5°♐38'38	0.61418 AU	
morning rise	-4792 Jan 10 j 15:40	2°♐47'15		
direct	-4792 Jan 17 j 15:23	0°♐22'43		
desc. node	-4792 Jan 28 j 20:42	5°♐30'06		
morning max el	-4792 Jan 31 j 16:31	8°♐03'59	27°35'37	
	-4792 Feb 17 j 12:18	0°♑		
morning set	-4792 Mar 04 j 03:46	28°♑29'09		
	-4792 Mar 04 j 21:25	0°♒		
max. Earth dist.	-4792 Mar 10 j 07:21	11°♒30'26	1.32729 AU	
superior conj	-4792 Mar 11 j 10:56	14°♒00'20	0°-23'-34	
minimum elong	-4792 Mar 11 j 11:59	14°♒06'03	0°23'34	
asc. node	-4792 Mar 13 j 17:51	18°♒59'34		
evening rise	-4792 Mar 18 j 11:38	29°♒10'56		
	-4792 Mar 18 j 20:59	0°♓		
	-4792 Apr 04 j 19:51	0°♈		
evening max el	-4792 Apr 13 j 12:43	10°♈17'53	24°54'19	
desc. node	-4792 Apr 25 j 19:21	17°♈17'33		
retrograde	-4792 Apr 27 j 13:17	17°♈24'41		
evening set	-4792 May 02 j 12:13	16°♈28'19		
min. Earth dist.	-4792 May 08 j 01:02	13°♈33'04	0.57326 AU	
inferior conj	-4792 May 11 j 00:08	11°♈34'40	-3°-32'-44	
minimum elong	-4792 May 10 j 19:11	11°♈42'58	3°31'47	
morning rise	-4792 May 19 j 06:25	7°♈23'27		
direct	-4792 May 21 j 16:53	7°♈06'15		
morning max el	-4792 May 30 j 15:46	11°♈16'57	19°11'31	
asc. node	-4792 Jun 09 j 17:43	25°♈15'23		
	-4792 Jun 12 j 08:09	0°♉		
morning set	-4792 Jun 16 j 13:02	8°♉08'43		
superior conj	-4792 Jun 24 j 22:45	24°♉44'56	1°46'45	
minimum elong	-4792 Jun 24 j 21:20	24°♉38'05	1°46'53	
	-4792 Jun 27 j 16:35	0°♊		
max. Earth dist.	-4792 Jul 01 j 07:15	6°♊42'34	1.38189 AU	
evening rise	-4792 Jul 05 j 05:34	13°♊44'05		
	-4792 Jul 15 j 00:03	0°♋		
desc. node	-4792 Jul 22 j 18:00	11°♋46'31		
	-4792 Aug 05 j 12:02	0°♌		
evening max el	-4792 Aug 09 j 23:11	4°♌49'36	24°49'16	
retrograde	-4792 Aug 21 j 12:40	11°♌34'54		
evening set	-4792 Aug 27 j 04:05	9°♌10'43		
min. Earth dist.	-4792 Aug 31 j 18:22	3°♌54'48	0.67075 AU	
inferior conj	-4792 Sep 01 j 13:28	2°♌51'16	-1°-22'-49	
minimum elong	-4792 Sep 01 j 15:21	2°♌44'58	1°21'51	
	-4792 Sep 03 j 18:47	30°℞♋		
asc. node	-4792 Sep 05 j 17:02	27°♋54'44		
morning rise	-4792 Sep 07 j 02:59	26°♋45'04		
direct	-4792 Sep 10 j 16:55	25°♋30'56		
	-4792 Sep 18 j 09:49	0°♌		
morning max el	-4792 Sep 18 j 09:41	29°♋59'41	20°05'58	
greatest brilliancy	-4792 Sep 25 j 15:37	8°♌56'34	-0.6m	
	-4792 Oct 09 j 20:37	0°♍		
morning set	-4792 Oct 14 j 21:12	7°♍44'43		
desc. node	-4792 Oct 18 j 17:48	13°♍45'00		
max. Earth dist.	-4792 Oct 26 j 06:39	25°♍39'18	1.43808 AU	
	-4792 Oct 28 j 23:33	0°♎		
superior conj	-4792 Oct 31 j 10:24	3°♎58'45	-1°-14'-35	
minimum elong	-4792 Oct 31 j 03:41	3°♎31'24	1°13'53	
evening rise	-4792 Nov 13 j 15:47	26°♎10'32		
	-4792 Nov 15 j 21:08	0°♏		
evening max el	-4792 Dec 01 j 13:07	23°♏52'39	18°14'06	
asc. node	-4792 Dec 02 j 15:43	24°♏55'30		
retrograde	-4792 Dec 08 j 02:26	27°♏24'19		
evening set	-4792 Dec 10 j 20:36	26°♏45'01		
inferior conj	-4792 Dec 17 j 03:58	21°♏22'52	3°45'13	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4792 Dec 17 j 01:14	21°♏30'14	3°44'36
min. Earth dist.	-4792 Dec 19 j 15:11	18°♏43'21	0.63237 AU
morning rise	-4792 Dec 23 j 04:10	15°♏25'57	
direct	-4792 Dec 30 j 05:26	12°♏41'05	
morning max el	-4791 Jan 12 j 23:13	20°♏23'59	27°38'36
desc. node	-4791 Jan 14 j 17:44	22°♏12'49	
	-4791 Jan 21 j 07:27	0°♐	
	-4791 Feb 09 j 11:11	0°♑	
morning set	-4791 Feb 16 j 04:05	12°♑49'55	
max. Earth dist.	-4791 Feb 21 j 14:15	24°♑01'55	1.33227 AU
superior conj	-4791 Feb 23 j 19:42	28°♑47'10	0°-47'-54
minimum elong	-4791 Feb 23 j 21:46	28°♑58'13	0°47'45
	-4791 Feb 24 j 09:15	0°♒	
asc. node	-4791 Feb 28 j 14:51	9°♒07'12	
evening rise	-4791 Mar 02 j 23:14	14°♒06'35	
	-4791 Mar 11 j 01:22	0°♓	
evening max el	-4791 Mar 26 j 04:58	21°♓03'17	23°21'58
retrograde	-4791 Apr 08 j 17:02	27°♓43'30	
evening set	-4791 Apr 12 j 08:46	27°♓14'14	
desc. node	-4791 Apr 12 j 16:31	27°♓08'57	
min. Earth dist.	-4791 Apr 19 j 16:12	23°♓54'25	0.55888 AU
inferior conj	-4791 Apr 21 j 12:15	22°♓49'10	-2°-18'-10
minimum elong	-4791 Apr 21 j 06:55	22°♓57'05	2°16'41
morning rise	-4791 Apr 30 j 08:17	18°♓50'03	
direct	-4791 May 02 j 19:31	18°♓35'00	
morning max el	-4791 May 13 j 08:24	23°♓29'32	20°16'20
	-4791 May 18 j 22:34	0°♈	
asc. node	-4791 May 27 j 14:41	14°♈32'41	
morning set	-4791 May 31 j 17:07	22°♈39'54	
	-4791 Jun 04 j 07:09	0°♉	
superior conj	-4791 Jun 08 j 12:50	8°♉38'27	1°36'38
minimum elong	-4791 Jun 08 j 10:21	8°♉25'58	1°36'34
max. Earth dist.	-4791 Jun 13 j 12:19	18°♉28'08	1.36415 AU
evening rise	-4791 Jun 17 j 15:13	26°♉13'34	
	-4791 Jun 19 j 17:06	0°♊	
	-4791 Jul 08 j 10:40	0°♋	
desc. node	-4791 Jul 09 j 15:05	1°♋39'35	
evening max el	-4791 Jul 23 j 09:54	18°♋20'01	25°59'52
retrograde	-4791 Aug 04 j 20:53	25°♋28'08	
evening set	-4791 Aug 11 j 03:01	22°♋48'56	
min. Earth dist.	-4791 Aug 15 j 08:46	18°♋11'06	0.66461 AU
inferior conj	-4791 Aug 16 j 15:36	16°♋33'40	-2°-12'-51
minimum elong	-4791 Aug 16 j 18:30	16°♋24'29	2°11'35
morning rise	-4791 Aug 22 j 10:40	10°♋37'52	
asc. node	-4791 Aug 23 j 14:09	10°♋03'16	
direct	-4791 Aug 25 j 15:11	9°♋39'11	
morning max el	-4791 Sep 01 j 15:45	13°♋38'29	19°08'40
	-4791 Sep 13 j 16:04	0°♌	
morning set	-4791 Sep 24 j 06:13	16°♌33'34	
	-4791 Oct 02 j 19:17	0°♍	
desc. node	-4791 Oct 05 j 14:42	4°♍25'14	
max. Earth dist.	-4791 Oct 08 j 22:26	9°♍39'37	1.44643 AU
superior conj	-4791 Oct 10 j 19:17	12°♍36'53	0°-32'-20
minimum elong	-4791 Oct 10 j 15:13	12°♍20'48	0°31'44
	-4791 Oct 21 j 15:59	0°♎	
evening rise	-4791 Oct 26 j 00:09	7°♎04'06	
	-4791 Nov 09 j 08:21	0°♏	
evening max el	-4791 Nov 15 j 01:26	7°♏16'12	18°38'17
asc. node	-4791 Nov 19 j 12:53	10°♏33'47	
retrograde	-4791 Nov 21 j 17:57	11°♏00'33	
evening set	-4791 Nov 24 j 17:03	10°♏11'19	
inferior conj	-4791 Nov 30 j 16:16	4°♏31'04	3°13'07
minimum elong	-4791 Nov 30 j 13:02	4°♏40'42	3°12'11
min. Earth dist.	-4791 Dec 02 j 12:48	2°♏18'58	0.64745 AU
	-4791 Dec 04 j 15:14	30°℞♎	
morning rise	-4791 Dec 06 j 07:50	28°♎25'01	
direct	-4791 Dec 13 j 02:07	25°♎35'13	
	-4791 Dec 22 j 19:30	0°♏	
morning max el	-4791 Dec 26 j 08:29	3°♏12'34	27°07'54
desc. node	-4790 Jan 01 j 14:45	10°♏11'31	
	-4790 Jan 15 j 15:28	0°♐	
morning set	-4790 Jan 30 j 19:13	26°♐38'23	
	-4790 Feb 01 j 12:23	0°♑	
max. Earth dist.	-4790 Feb 04 j 12:18	6°♑01'38	1.34138 AU
superior conj	-4790 Feb 08 j 00:11	13°♑16'31	-1°-10'-39
minimum elong	-4790 Feb 08 j 02:58	13°♑31'10	1°10'28
evening rise	-4790 Feb 15 j 09:43	28°♑53'41	
asc. node	-4790 Feb 15 j 11:54	29°♑05'02	
	-4790 Feb 15 j 22:30	0°♒	
	-4790 Mar 06 j 04:02	0°♓	
evening max el	-4790 Mar 08 j 01:03	1°♓54'34	21°49'22
retrograde	-4790 Mar 20 j 09:25	7°♓51'33	
evening set	-4790 Mar 23 j 03:05	7°♓34'51	
desc. node	-4790 Mar 30 j 13:41	4°♓33'49	
inferior conj	-4790 Apr 01 j 10:21	3°♓31'35	0°-30'-42
minimum elong	-4790 Apr 01 j 08:55	3°♓33'35	0°30'20
min. Earth dist.	-4790 Apr 01 j 06:21	3°♓37'13	0.55221 AU
	-4790 Apr 08 j 19:01	30°℞♒	
morning rise	-4790 Apr 10 j 15:28	29°♒30'48	
direct	-4790 Apr 13 j 09:48	29°♒13'47	
	-4790 Apr 17 j 20:26	0°♓	
morning max el	-4790 Apr 25 j 14:06	5°♓00'43	21°39'36
	-4790 May 12 j 08:53	0°♈	
asc. node	-4790 May 14 j 11:40	4°♈13'06	
morning set	-4790 May 16 j 01:57	7°♈29'03	
superior conj	-4790 May 23 j 12:10	23°♈02'33	1°21'02
minimum elong	-4790 May 23 j 09:26	22°♈48'20	1°20'45
	-4790 May 26 j 21:19	0°♉	
max. Earth dist.	-4790 May 27 j 02:23	0°♉25'37	1.34946 AU
evening rise	-4790 May 31 j 18:22	9°♉37'41	
	-4790 Jun 12 j 05:13	0°♊	
desc. node	-4790 Jun 26 j 12:11	21°♊02'52	
	-4790 Jul 04 j 02:39	0°♋	
evening max el	-4790 Jul 05 j 21:16	1°♋47'22	26°53'11
retrograde	-4790 Jul 18 j 23:59	9°♋07'45	
evening set	-4790 Jul 25 j 18:37	6°♋20'47	
min. Earth dist.	-4790 Jul 29 j 16:36	2°♋22'01	0.65487 AU
inferior conj	-4790 Jul 31 j 12:37	0°♋12'43	-2°-58'-22
minimum elong	-4790 Jul 31 j 16:09	0°♋02'20	2°57'07
	-4790 Jul 31 j 16:57	30°℞♊	
morning rise	-4790 Aug 06 j 14:48	24°♊30'43	
direct	-4790 Aug 09 j 12:11	23°♊44'23	
asc. node	-4790 Aug 10 j 11:15	23°♊49'28	
morning max el	-4790 Aug 16 j 03:07	27°♊22'54	18°27'20
	-4790 Aug 18 j 10:43	0°♋	
morning set	-4790 Sep 04 j 16:22	26°♋36'51	
	-4790 Sep 06 j 18:14	0°♌	
superior conj	-4790 Sep 19 j 18:39	20°♌52'17	0°17'01
minimum elong	-4790 Sep 19 j 20:51	21°♌00'56	0°16'54
max. Earth dist.	-4790 Sep 21 j 16:44	23°♌54'19	1.44760 AU
desc. node	-4790 Sep 22 j 11:37	25°♌08'49	
	-4790 Sep 25 j 13:35	0°♍	
evening rise	-4790 Oct 06 j 07:22	16°♍52'53	
	-4790 Oct 14 j 16:01	0°♎	
greatest brilliancy	-4790 Oct 19 j 07:59	7°♎10'40	-0.7m
evening max el	-4790 Oct 29 j 10:52	20°♎42'31	19°19'30
retrograde	-4790 Nov 05 j 13:39	24°♎48'28	
asc. node	-4790 Nov 06 j 10:03	24°♎44'18	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4790 Nov 08 j 19:40	23°♎46'56	
inferior conj	-4790 Nov 14 j 12:36	17°♎51'44	2°31'49
minimum elong	-4790 Nov 14 j 09:36	18°♎01'18	2°30'46
min. Earth dist.	-4790 Nov 15 j 19:25	16°♎13'26	0.65896 AU
morning rise	-4790 Nov 19 j 22:44	11°♎38'54	
direct	-4790 Nov 26 j 04:43	8°♎56'46	
morning max el	-4790 Dec 08 j 18:08	16°♎18'35	26°09'56
desc. node	-4790 Dec 19 j 11:44	29°♎03'50	
	-4790 Dec 20 j 04:24	0°♏	
	-4789 Jan 08 j 11:56	0°♐	
morning set	-4789 Jan 13 j 21:07	9°♐42'10	
max. Earth dist.	-4789 Jan 17 j 23:07	17°♐28'26	1.35491 AU
superior conj	-4789 Jan 22 j 21:57	27°♐20'41	-1°-30'-25
minimum elong	-4789 Jan 23 j 00:58	27°♐36'01	1°30'20
	-4789 Jan 24 j 05:08	0°♑	
evening rise	-4789 Jan 30 j 17:14	13°♑25'50	
asc. node	-4789 Feb 02 j 08:58	18°♑47'50	
	-4789 Feb 08 j 09:36	0°♒	
evening max el	-4789 Feb 18 j 05:49	13°♒12'39	20°27'38
retrograde	-4789 Feb 28 j 23:47	18°♒18'41	
evening set	-4789 Mar 03 j 08:41	18°♒04'50	
inferior conj	-4789 Mar 12 j 06:59	14°♒06'30	1°23'40
minimum elong	-4789 Mar 12 j 10:31	14°♒01'18	1°22'19
min. Earth dist.	-4789 Mar 13 j 20:21	13°♒11'41	0.55477 AU
desc. node	-4789 Mar 17 j 10:52	11°♒15'08	
morning rise	-4789 Mar 21 j 10:18	9°♒46'22	
direct	-4789 Mar 24 j 23:18	9°♒19'02	
morning max el	-4789 Apr 07 j 10:16	15°♒55'01	23°15'41
	-4789 Apr 18 j 11:58	0°♓	
morning set	-4789 Apr 30 j 13:24	22°♓28'28	
asc. node	-4789 May 01 j 08:38	24°♓09'24	
	-4789 May 04 j 02:34	0°♈	
superior conj	-4789 May 07 j 17:41	7°♈46'44	1°01'32
minimum elong	-4789 May 07 j 15:17	7°♈33'58	1°01'09
max. Earth dist.	-4789 May 10 j 02:13	12°♈46'28	1.33836 AU
evening rise	-4789 May 15 j 10:00	23°♈40'48	
	-4789 May 18 j 16:05	0°♉	
	-4789 Jun 05 j 20:10	0°♊	
desc. node	-4789 Jun 13 j 09:18	9°♊42'48	
evening max el	-4789 Jun 18 j 08:07	14°♊59'43	27°21'59
retrograde	-4789 Jul 01 j 21:37	22°♊24'51	
evening set	-4789 Jul 08 j 23:52	19°♊41'13	
min. Earth dist.	-4789 Jul 12 j 15:49	16°♊18'33	0.64121 AU
inferior conj	-4789 Jul 15 j 02:01	13°♊42'59	-3°-36'-44
minimum elong	-4789 Jul 15 j 05:30	13°♊33'38	3°35'48
morning rise	-4789 Jul 21 j 12:51	8°♊17'59	
direct	-4789 Jul 24 j 05:15	7°♊41'12	
asc. node	-4789 Jul 28 j 08:19	9°♊07'17	
morning max el	-4789 Jul 30 j 17:26	11°♊07'51	18°03'13
	-4789 Aug 12 j 13:40	0°♋	
morning set	-4789 Aug 17 j 05:06	7°♋55'44	
superior conj	-4789 Aug 30 j 07:21	29°♋49'56	1°00'41
minimum elong	-4789 Aug 30 j 13:10	0°♌13'37	1°00'15
	-4789 Aug 30 j 09:49	0°♌	
max. Earth dist.	-4789 Sep 04 j 09:36	8°♌02'09	1.44154 AU
desc. node	-4789 Sep 09 j 08:33	15°♌52'32	
evening rise	-4789 Sep 15 j 17:13	25°♌46'56	
	-4789 Sep 18 j 10:53	0°♍	
greatest brilliancy	-4789 Oct 05 j 21:37	25°♍53'06	-0.6m
	-4789 Oct 09 j 00:49	0°♎	
evening max el	-4789 Oct 12 j 15:18	4°♎08'47	20°16'04
retrograde	-4789 Oct 20 j 10:53	8°♎44'19	
evening set	-4789 Oct 24 j 01:59	7°♎27'53	
asc. node	-4789 Oct 24 j 07:12	7°♎18'26	
inferior conj	-4789 Oct 29 j 14:23	1°♎21'12	1°44'27
minimum elong	-4789 Oct 29 j 12:07	1°♎28'45	1°43'36
min. Earth dist.	-4789 Oct 30 j 09:02	0°♎18'40	0.66700 AU
	-4789 Oct 30 j 14:38	30°℞♍	
morning rise	-4789 Nov 03 j 21:42	25°♍04'15	
direct	-4789 Nov 09 j 12:54	22°♍38'02	
morning max el	-4789 Nov 21 j 03:07	29°♍31'51	24°53'27
	-4789 Nov 21 j 14:12	0°♎	
desc. node	-4789 Dec 06 j 08:42	18°♎34'01	
	-4789 Dec 14 j 01:12	0°♏	
morning set	-4789 Dec 27 j 04:30	21°♏46'14	
max. Earth dist.	-4789 Dec 30 j 23:25	28°♏36'49	1.37250 AU
	-4789 Dec 31 j 17:25	0°♐	
superior conj	-4788 Jan 06 j 09:53	10°♐50'39	-1°-45'-19
minimum elong	-4788 Jan 06 j 12:17	11°♐02'21	1°45'24
evening rise	-4788 Jan 14 j 19:37	27°♐36'40	
	-4788 Jan 16 j 00:25	0°♑	
asc. node	-4788 Jan 20 j 06:01	8°♑09'40	
evening max el	-4788 Jan 31 j 21:08	25°♑06'50	19°23'10
retrograde	-4788 Feb 10 j 00:16	29°♑27'10	
evening set	-4788 Feb 12 j 08:57	29°♑11'03	
inferior conj	-4788 Feb 20 j 15:45	25°♑02'46	2°54'03
minimum elong	-4788 Feb 20 j 20:51	24°♑54'19	2°52'35
min. Earth dist.	-4788 Feb 23 j 11:12	23°♑11'48	0.56592 AU
morning rise	-4788 Feb 29 j 05:06	20°♑13'10	
desc. node	-4788 Mar 03 j 08:00	19°♑27'42	
direct	-4788 Mar 04 j 23:01	19°♑21'32	
morning max el	-4788 Mar 19 j 01:34	26°♑32'06	24°53'34
	-4788 Mar 22 j 08:55	0°♒	
	-4788 Apr 10 j 09:17	0°♓	
morning set	-4788 Apr 14 j 01:42	7°♓31'55	
asc. node	-4788 Apr 17 j 05:36	14°♓16'24	
superior conj	-4788 Apr 21 j 03:05	22°♓43'23	0°39'22
minimum elong	-4788 Apr 21 j 01:25	22°♓34'24	0°38'59
max. Earth dist.	-4788 Apr 22 j 09:55	25°♓30'14	1.33092 AU
	-4788 Apr 24 j 12:14	0°♈	
evening rise	-4788 Apr 28 j 10:25	8°♈11'13	
	-4788 May 10 j 02:56	0°♉	
desc. node	-4788 May 30 j 06:26	27°♉20'51	
evening max el	-4788 May 30 j 16:28	27°♉45'07	27°20'36
	-4788 Jun 02 j 04:40	0°♊	
retrograde	-4788 Jun 13 j 13:13	5°♊10'02	
evening set	-4788 Jun 20 j 15:07	2°♊43'52	
min. Earth dist.	-4788 Jun 24 j 05:24	29°♉48'30	0.62391 AU
	-4788 Jun 24 j 00:22	30°℞♉	
inferior conj	-4788 Jun 27 j 04:51	26°♉58'09	-4°-3'-56
minimum elong	-4788 Jun 27 j 07:16	26°♉52'24	4°03'29
morning rise	-4788 Jul 04 j 01:51	21°♉52'47	
direct	-4788 Jul 06 j 15:10	21°♉23'17	
morning max el	-4788 Jul 13 j 08:00	24°♉47'18	17°57'15
asc. node	-4788 Jul 14 j 05:20	25°♉42'27	
	-4788 Jul 17 j 14:55	0°♊	
morning set	-4788 Jul 29 j 15:52	20°♊17'48	
	-4788 Aug 04 j 02:34	0°♋	
superior conj	-4788 Aug 09 j 22:25	10°♋06'19	1°30'41
minimum elong	-4788 Aug 10 j 03:22	10°♋27'25	1°30'31
max. Earth dist.	-4788 Aug 16 j 22:01	21°♋44'38	1.42918 AU
	-4788 Aug 22 j 01:15	0°♌	
evening rise	-4788 Aug 24 j 21:06	4°♌27'00	
desc. node	-4788 Aug 26 j 05:29	6°♌33'13	
	-4788 Sep 10 j 21:19	0°♍	
greatest brilliancy	-4788 Sep 19 j 09:52	11°♍36'22	-0.4m
evening max el	-4788 Sep 24 j 13:33	17°♍33'50	21°25'19
retrograde	-4788 Oct 03 j 07:25	22°♍45'01	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4788 Oct 07 j 09:55	21°♍11'02	
asc. node	-4788 Oct 10 j 04:20	18°♍24'09	
inferior conj	-4788 Oct 12 j 19:24	14°♍56'28	0°53'19
minimum elong	-4788 Oct 12 j 18:11	15°♍00'39	0°52'54
min. Earth dist.	-4788 Oct 13 j 03:12	14°♍29'41	0.67195 AU
morning rise	-4788 Oct 18 j 02:08	8°♍38'26	
direct	-4788 Oct 23 j 02:01	6°♍32'25	
morning max el	-4788 Nov 02 j 12:23	12°♍46'39	23°28'02
greatest brilliancy	-4788 Nov 08 j 16:19	19°♍48'53	-0.2m
	-4788 Nov 16 j 08:04	0°♎	
desc. node	-4788 Nov 22 j 05:35	8°♎30'27	
	-4788 Dec 05 j 22:19	0°♏	
morning set	-4788 Dec 07 j 11:03	2°♏33'20	
max. Earth dist.	-4788 Dec 11 j 18:59	9°♏58'25	1.39277 AU
superior conj	-4788 Dec 19 j 07:49	23°♏34'20	-1°-52'-50
minimum elong	-4788 Dec 19 j 08:24	23°♏37'01	1°53'02
	-4788 Dec 22 j 17:36	0°♐	
evening rise	-4788 Dec 28 j 14:16	11°♐18'19	
asc. node	-4787 Jan 06 j 03:06	27°♐02'25	
	-4787 Jan 07 j 23:14	0°♑	
evening max el	-4787 Jan 13 j 21:47	7°♑33'19	18°38'20
retrograde	-4787 Jan 21 j 18:01	11°♑21'46	
evening set	-4787 Jan 24 j 05:07	11°♑00'37	
inferior conj	-4787 Jan 31 j 19:47	6°♑33'37	3°46'49
minimum elong	-4787 Jan 31 j 22:57	6°♑27'32	3°46'10
min. Earth dist.	-4787 Feb 04 j 04:08	4°♑00'41	0.58311 AU
morning rise	-4787 Feb 08 j 13:10	1°♑17'32	
	-4787 Feb 12 j 10:09	30°℞♐	
direct	-4787 Feb 14 j 12:00	29°♐49'07	
	-4787 Feb 16 j 14:15	0°♑	
desc. node	-4787 Feb 18 j 05:07	0°♑22'58	
morning max el	-4787 Feb 28 j 17:51	7°♑17'53	26°18'44
	-4787 Mar 17 j 15:55	0°♒	
morning set	-4787 Mar 29 j 13:09	22°♒32'41	
	-4787 Apr 02 j 01:05	0°♓	
asc. node	-4787 Apr 04 j 02:33	4°♓29'04	
superior conj	-4787 Apr 05 j 14:27	7°♓45'15	0°15'29
minimum elong	-4787 Apr 05 j 13:46	7°♓41'33	0°15'14
behind sun begin	-4787 Apr 05 j 12:29	7°♓34'33	
behind sun end	-4787 Apr 05 j 15:03	7°♓48'33	
max. Earth dist.	-4787 Apr 05 j 22:18	8°♓28'10	1.32689 AU
evening rise	-4787 Apr 12 j 16:41	22°♓58'51	
	-4787 Apr 16 j 03:50	0°♈	
	-4787 May 04 j 06:00	0°♉	
evening max el	-4787 May 12 j 20:10	9°♉53'35	26°46'27
desc. node	-4787 May 17 j 03:35	13°♉31'15	
retrograde	-4787 May 26 j 21:22	17°♉14'48	
evening set	-4787 Jun 02 j 12:17	15°♉19'42	
min. Earth dist.	-4787 Jun 06 j 09:39	12°♉37'10	0.60409 AU
inferior conj	-4787 Jun 09 j 17:42	9°♉50'10	-4°-13'-50
minimum elong	-4787 Jun 09 j 17:42	9°♉50'09	4°13'42
morning rise	-4787 Jun 17 j 02:25	5°♉06'10	
direct	-4787 Jun 19 j 14:10	4°♉42'12	
morning max el	-4787 Jun 26 j 20:00	8°♉14'04	18°10'22
asc. node	-4787 Jul 01 j 02:20	13°♉19'25	
	-4787 Jul 10 j 22:27	0°♊	
morning set	-4787 Jul 12 j 19:22	3°♊29'38	
superior conj	-4787 Jul 22 j 16:09	21°♊42'29	1°46'04
minimum elong	-4787 Jul 22 j 18:20	21°♊52'16	1°46'12
	-4787 Jul 27 j 09:07	0°♋	
max. Earth dist.	-4787 Jul 30 j 04:59	4°♋49'56	1.41223 AU
evening rise	-4787 Aug 04 j 15:22	13°♋49'14	
desc. node	-4787 Aug 13 j 02:28	27°♋07'33	
	-4787 Aug 14 j 23:57	0°♌	
greatest brilliancy	-4787 Sep 02 j 09:51	25°♌34'03	-0.3m
	-4787 Sep 06 j 07:03	0°♍	
evening max el	-4787 Sep 07 j 05:58	0°♍59'15	22°43'14
retrograde	-4787 Sep 17 j 01:48	6°♍48'53	
evening set	-4787 Sep 21 j 17:43	4°♍55'21	
	-4787 Sep 26 j 01:31	30°℞♌	
inferior conj	-4787 Sep 27 j 01:53	28°♌36'22	0°00'22
minimum elong	-4787 Sep 27 j 01:52	28°♌36'25	0°00'31
transit middle	-4787 Sep 27 j 01:52	28°♌36'25	0°00'31
transit begin	-4787 Sep 26 j 23:10	28°♌45'43	
transit end	-4787 Sep 27 j 04:34	28°♌27'07	
min. Earth dist.	-4787 Sep 26 j 23:24	28°♌44'56	0.67392 AU
asc. node	-4787 Sep 27 j 01:26	28°♌37'52	
morning rise	-4787 Oct 02 j 09:55	22°♌20'30	
direct	-4787 Oct 06 j 19:20	20°♌35'48	
morning max el	-4787 Oct 16 j 01:08	26°♌05'42	22°02'58
	-4787 Oct 19 j 13:35	0°♍	
greatest brilliancy	-4787 Oct 20 j 21:03	1°♍35'28	-0.4m
desc. node	-4787 Nov 09 j 02:29	28°♍46'00	
	-4787 Nov 09 j 21:52	0°♎	
morning set	-4787 Nov 17 j 13:02	11°♎57'16	
max. Earth dist.	-4787 Nov 23 j 18:10	22°♎07'10	1.41311 AU
	-4787 Nov 28 j 09:30	0°♏	
superior conj	-4787 Dec 01 j 10:36	5°♏19'14	-1°-49'-38
minimum elong	-4787 Dec 01 j 08:04	5°♏08'03	1°49'41
evening rise	-4787 Dec 11 j 22:07	24°♏24'32	
	-4787 Dec 14 j 22:41	0°♐	
asc. node	-4787 Dec 24 j 00:10	15°♐17'07	
evening max el	-4787 Dec 28 j 05:20	20°♐25'04	18°13'31
retrograde	-4786 Jan 04 j 05:43	23°♐56'59	
evening set	-4786 Jan 06 j 19:13	23°♐29'34	
inferior conj	-4786 Jan 13 j 19:45	18°♐40'19	4°05'05
minimum elong	-4786 Jan 13 j 19:59	18°♐39'48	4°04'51
min. Earth dist.	-4786 Jan 17 j 01:53	15°♐47'52	0.60292 AU
morning rise	-4786 Jan 20 j 17:57	13°♐04'37	
direct	-4786 Jan 27 j 12:09	10°♐58'13	
desc. node	-4786 Feb 05 j 02:12	13°♐59'53	
morning max el	-4786 Feb 10 j 15:34	18°♐35'26	27°17'26
	-4786 Feb 20 j 07:07	0°♑	
	-4786 Mar 10 j 06:00	0°♒	
morning set	-4786 Mar 13 j 22:00	7°♒24'06	
max. Earth dist.	-4786 Mar 20 j 11:44	21°♒27'32	1.32618 AU
superior conj	-4786 Mar 21 j 02:06	22°♒46'02	0°-9'-16
minimum elong	-4786 Mar 21 j 02:31	22°♒48'20	0°09'21
behind sun begin	-4786 Mar 20 j 22:27	22°♒26'04	
behind sun end	-4786 Mar 21 j 06:36	23°♒10'36	
asc. node	-4786 Mar 21 j 23:32	24°♒43'10	
	-4786 Mar 24 j 09:38	0°♓	
evening rise	-4786 Mar 28 j 02:30	7°♓55'19	
	-4786 Apr 08 j 17:21	0°♈	
evening max el	-4786 Apr 24 j 17:43	21°♈20'33	25°41'57
desc. node	-4786 May 04 j 00:46	27°♈39'50	
retrograde	-4786 May 08 j 19:53	28°♈34'16	
evening set	-4786 May 14 j 12:15	27°♈17'09	
min. Earth dist.	-4786 May 19 j 06:16	24°♈30'58	0.58391 AU
inferior conj	-4786 May 22 j 12:54	22°♈09'08	-3°-57'-43
minimum elong	-4786 May 22 j 09:36	22°♈15'10	3°57'16
morning rise	-4786 May 30 j 10:55	17°♈46'41	
direct	-4786 Jun 01 j 21:57	17°♈27'10	
morning max el	-4786 Jun 10 j 02:34	21°♈19'15	18°43'21
	-4786 Jun 16 j 21:32	0°♉	
asc. node	-4786 Jun 17 j 23:20	1°♉43'59	
morning set	-4786 Jun 26 j 11:04	17°♉19'17	
	-4786 Jul 02 j 23:51	0°♊	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4786 Jul	05 j 07:24	4°♊24'07	1°49'15
minimum elong	-4786 Jul	05 j 07:02	4°♊22'24	1°49'28
max. Earth dist.	-4786 Jul	12 j 07:35	17°♊13'13	1.39302 AU
evening rise	-4786 Jul	16 j 11:02	24°♊24'43	
	-4786 Jul	19 j 19:07	0°♋	
desc. node	-4786 Jul	30 j 23:29	17°♋30'39	
	-4786 Aug	08 j 18:21	0°♌	
evening max el	-4786 Aug	20 j 18:10	14°♌25'52	24°04'08
retrograde	-4786 Aug	31 j 16:47	20°♌52'15	
evening set	-4786 Sep	05 j 23:36	18°♌38'40	
inferior conj	-4786 Sep	11 j 08:03	12°♌18'36	0°-52'-45
minimum elong	-4786 Sep	11 j 09:16	12°♌14'29	0°52'04
min. Earth dist.	-4786 Sep	10 j 19:11	13°♌02'13	0.67288 AU
asc. node	-4786 Sep	13 j 22:34	8°♌55'56	
morning rise	-4786 Sep	16 j 19:08	6°♌08'08	
direct	-4786 Sep	20 j 15:37	4°♌43'36	
morning max el	-4786 Sep	28 j 20:15	9°♌32'13	20°45'19
greatest brilliancy	-4786 Oct	04 j 21:01	16°♌42'49	-0.5m
	-4786 Oct	14 j 06:51	0°♍	
desc. node	-4786 Oct	26 j 23:24	19°♍14'33	
morning set	-4786 Oct	27 j 16:24	20°♍20'37	
	-4786 Nov	02 j 19:34	0°♎	
max. Earth dist.	-4786 Nov	06 j 00:55	5°♎10'40	1.43046 AU
superior conj	-4786 Nov	12 j 12:33	15°♎51'16	-1°-32'-7
minimum elong	-4786 Nov	12 j 06:41	15°♎26'43	1°31'41
	-4786 Nov	20 j 18:43	0°♏	
evening rise	-4786 Nov	24 j 15:15	6°♏47'16	
	-4786 Dec	08 j 15:59	0°♐	
asc. node	-4786 Dec	10 j 21:16	2°♐42'35	
evening max el	-4786 Dec	11 j 16:53	3°♐34'14	18°08'23
retrograde	-4786 Dec	18 j 07:45	7°♐03'01	
evening set	-4786 Dec	20 j 23:53	6°♐28'24	
inferior conj	-4786 Dec	27 j 12:48	1°♐17'24	3°57'48
minimum elong	-4786 Dec	27 j 10:50	1°♐22'23	3°57'23
	-4786 Dec	28 j 19:10	30°℞♏	
min. Earth dist.	-4786 Dec	30 j 07:55	28°♏28'06	0.62223 AU
morning rise	-4785 Jan	02 j 19:45	25°♏27'06	
direct	-4785 Jan	09 j 21:17	22°♏52'24	
desc. node	-4785 Jan	22 j 23:17	29°♏45'22	
	-4785 Jan	23 j 05:28	0°♐	
morning max el	-4785 Jan	23 j 19:39	0°♐34'16	27°41'26
	-4785 Feb	14 j 07:32	0°♑	
morning set	-4785 Feb	26 j 02:11	21°♑59'02	
	-4785 Mar	01 j 22:46	0°♒	
max. Earth dist.	-4785 Mar	03 j 22:24	4°♒14'27	1.32894 AU
superior conj	-4785 Mar	05 j 12:27	7°♒40'01	0°-34'-1
minimum elong	-4785 Mar	05 j 13:57	7°♒48'09	0°33'55
asc. node	-4785 Mar	08 j 20:32	14°♒54'41	
evening rise	-4785 Mar	12 j 14:00	22°♒53'36	
	-4785 Mar	16 j 01:00	0°♓	
	-4785 Apr	04 j 05:35	0°♈	
evening max el	-4785 Apr	06 j 10:26	2°♈14'43	24°15'56
retrograde	-4785 Apr	20 j 06:55	9°♈12'17	
desc. node	-4785 Apr	20 j 21:56	9°♈11'23	
evening set	-4785 Apr	24 j 16:34	8°♈28'56	
min. Earth dist.	-4785 Apr	30 j 22:18	5°♈24'54	0.56639 AU
inferior conj	-4785 May	03 j 12:08	3°♈47'37	-3°-6'-2
minimum elong	-4785 May	03 j 06:31	3°♈56'31	3°04'43
	-4785 May	10 j 22:27	30°℞♓	
morning rise	-4785 May	12 j 00:29	29°♓43'10	
direct	-4785 May	14 j 11:08	29°♓27'06	
	-4785 May	17 j 20:35	0°♈	
morning max el	-4785 May	24 j 01:03	3°♈54'13	19°36'42
asc. node	-4785 Jun	04 j 20:21	20°♈45'10	
	-4785 Jun	09 j 15:49	0°♉	
morning set	-4785 Jun	10 j 11:29	1°♉38'05	
superior conj	-4785 Jun	18 j 14:35	17°♉56'07	1°43'15
minimum elong	-4785 Jun	18 j 12:36	17°♉46'23	1°43'19
max. Earth dist.	-4785 Jun	24 j 09:56	29°♉05'31	1.37407 AU
	-4785 Jun	24 j 21:38	0°♊	
evening rise	-4785 Jun	28 j 08:11	6°♊16'11	
	-4785 Jul	12 j 16:46	0°♋	
desc. node	-4785 Jul	17 j 20:31	7°♋36'56	
evening max el	-4785 Aug	03 j 04:41	27°♋55'00	25°20'43
	-4785 Aug	05 j 10:23	0°♌	
retrograde	-4785 Aug	15 j 03:43	4°♌51'09	
evening set	-4785 Aug	21 j 01:42	2°♌19'36	
	-4785 Aug	23 j 08:29	30°℞♋	
min. Earth dist.	-4785 Aug	25 j 12:11	27°♋19'55	0.66865 AU
inferior conj	-4785 Aug	26 j 12:12	26°♋01'35	-1°-44'-26
minimum elong	-4785 Aug	26 j 14:34	25°♋53'54	1°43'20
asc. node	-4785 Aug	31 j 19:43	20°♋13'53	
morning rise	-4785 Sep	01 j 03:56	19°♋59'42	
direct	-4785 Sep	04 j 13:35	18°♋52'39	
morning max el	-4785 Sep	11 j 22:38	23°♋07'31	19°39'43
	-4785 Sep	17 j 14:35	0°♌	
greatest brilliancy	-4785 Sep	20 j 10:35	3°♌58'03	-0.7m
morning set	-4785 Oct	06 j 16:48	28°♌42'15	
	-4785 Oct	07 j 12:47	0°♍	
desc. node	-4785 Oct	13 j 20:17	9°♍51'36	
max. Earth dist.	-4785 Oct	19 j 14:10	18°♍55'28	1.44247 AU
superior conj	-4785 Oct	23 j 10:50	25°♍05'25	0°-58'-12
minimum elong	-4785 Oct	23 j 04:33	24°♍40'11	0°57'27
	-4785 Oct	26 j 11:50	0°♎	
evening rise	-4785 Nov	06 j 12:58	18°♎16'29	
	-4785 Nov	13 j 12:34	0°♏	
evening max el	-4785 Nov	25 j 05:38	16°♏53'51	18°22'12
asc. node	-4785 Nov	27 j 18:25	19°♏04'31	
retrograde	-4785 Dec	01 j 19:33	20°♏30'11	
evening set	-4785 Dec	04 j 15:32	19°♏46'58	
inferior conj	-4785 Dec	10 j 19:09	14°♏16'33	3°33'01
minimum elong	-4785 Dec	10 j 16:06	14°♏25'11	3°32'13
min. Earth dist.	-4785 Dec	13 j 00:02	11°♏47'31	0.63913 AU
morning rise	-4785 Dec	16 j 15:11	8°♏15'11	
direct	-4785 Dec	23 j 14:08	5°♏26'37	
morning max el	-4784 Jan	06 j 04:02	13°♏08'44	27°29'30
desc. node	-4784 Jan	09 j 20:19	17°♏03'46	
	-4784 Jan	19 j 19:36	0°♐	
	-4784 Feb	06 j 19:07	0°♑	
morning set	-4784 Feb	09 j 23:01	6°♑07'35	
max. Earth dist.	-4784 Feb	15 j 02:07	16°♑34'10	1.33557 AU
superior conj	-4784 Feb	17 j 19:38	22°♑20'02	0°-57'-50
minimum elong	-4784 Feb	17 j 22:02	22°♑32'54	0°57'39
	-4784 Feb	21 j 09:34	0°♒	
asc. node	-4784 Feb	23 j 17:32	4°♒58'38	
evening rise	-4784 Feb	25 j 01:20	7°♒46'14	
	-4784 Mar	07 j 22:36	0°♓	
evening max el	-4784 Mar	18 j 03:21	12°♓58'32	22°41'51
retrograde	-4784 Mar	31 j 05:45	19°♓23'01	
evening set	-4784 Apr	03 j 10:22	19°♓00'40	
desc. node	-4784 Apr	06 j 19:09	17°♓53'15	
min. Earth dist.	-4784 Apr	11 j 12:49	15°♓26'34	0.55491 AU
inferior conj	-4784 Apr	12 j 17:05	14°♓45'58	-1°-35'-32
minimum elong	-4784 Apr	12 j 12:58	14°♓51'54	1°34'17
morning rise	-4784 Apr	21 j 17:58	10°♓48'33	
direct	-4784 Apr	24 j 06:52	10°♓33'30	
morning max el	-4784 May	05 j 13:12	15°♓49'47	20°49'48
	-4784 May	16 j 04:26	0°♈	
asc. node	-4784 May	21 j 17:21	10°♈13'02	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4784 May 24 j 17:51	16°♈17'34	
	-4784 May 31 j 08:51	0°♉	
superior conj	-4784 Jun 01 j 09:03	2°♉04'10	1°30'35
minimum elong	-4784 Jun 01 j 06:23	1°♉50'31	1°30'26
max. Earth dist.	-4784 Jun 05 j 18:05	10°♉51'58	1.35743 AU
evening rise	-4784 Jun 10 j 01:55	19°♉10'41	
	-4784 Jun 16 j 01:48	0°♊	
desc. node	-4784 Jul 03 j 17:36	27°♊18'52	
	-4784 Jul 05 j 18:08	0°♋	
evening max el	-4784 Jul 15 j 15:29	11°♋24'38	26°25'01
retrograde	-4784 Jul 28 j 10:02	18°♋39'59	
evening set	-4784 Aug 03 j 21:54	15°♋56'06	
min. Earth dist.	-4784 Aug 08 j 00:06	11°♋35'02	0.66092 AU
inferior conj	-4784 Aug 09 j 12:28	9°♋43'18	-2°-32'-52
minimum elong	-4784 Aug 09 j 15:42	9°♋33'22	2°31'34
morning rise	-4784 Aug 15 j 10:23	3°♋53'05	
asc. node	-4784 Aug 17 j 16:50	3°♋03'39	
direct	-4784 Aug 18 j 11:29	3°♋00'14	
morning max el	-4784 Aug 25 j 07:19	6°♋49'55	18°49'00
	-4784 Sep 10 j 11:06	0°♌	
morning set	-4784 Sep 15 j 11:36	8°♌00'47	
	-4784 Sep 29 j 08:35	0°♍	
desc. node	-4784 Sep 29 j 17:10	0°♍33'51	
superior conj	-4784 Oct 01 j 13:05	3°♍26'55	0°-11'-30
minimum elong	-4784 Oct 01 j 11:35	3°♍21'01	0°11'12
behind sun begin	-4784 Oct 01 j 03:10	2°♍47'50	
behind sun end	-4784 Oct 01 j 20:00	3°♍54'12	
max. Earth dist.	-4784 Oct 01 j 07:02	3°♍03'06	1.44778 AU
evening rise	-4784 Oct 17 j 10:49	28°♍43'00	
	-4784 Oct 18 j 05:59	0°♎	
	-4784 Nov 07 j 09:39	0°♏	
evening max el	-4784 Nov 07 j 17:00	0°♏19'13	18°53'51
asc. node	-4784 Nov 13 j 15:35	4°♏07'28	
retrograde	-4784 Nov 14 j 13:15	4°♏12'03	
evening set	-4784 Nov 17 j 14:55	3°♏18'05	
	-4784 Nov 21 j 09:08	30°℞♎	
inferior conj	-4784 Nov 23 j 11:16	27°♎31'13	2°56'31
minimum elong	-4784 Nov 23 j 08:03	27°♎41'06	2°55'30
min. Earth dist.	-4784 Nov 25 j 01:52	25°♎32'42	0.65274 AU
morning rise	-4784 Nov 29 j 00:07	21°♎21'44	
direct	-4784 Dec 05 j 13:38	18°♎33'37	
morning max el	-4784 Dec 18 j 13:46	26°♎06'46	26°46'04
	-4784 Dec 22 j 04:58	0°♏	
desc. node	-4784 Dec 26 j 17:19	5°♏27'53	
	-4783 Jan 12 j 08:20	0°♐	
morning set	-4783 Jan 23 j 09:05	19°♐38'57	
max. Earth dist.	-4783 Jan 27 j 19:18	28°♐18'12	1.34655 AU
	-4783 Jan 28 j 15:32	0°♑	
superior conj	-4783 Jan 31 j 21:33	6°♑39'39	-1°-19'-30
minimum elong	-4783 Feb 01 j 00:31	6°♑55'01	1°19'21
evening rise	-4783 Feb 08 j 10:45	22°♑27'25	
asc. node	-4783 Feb 09 j 14:34	24°♑50'32	
	-4783 Feb 12 j 04:13	0°♒	
evening max el	-4783 Feb 28 j 02:42	23°♒59'19	21°12'50
retrograde	-4783 Mar 11 j 19:50	29°♒34'44	
evening set	-4783 Mar 14 j 07:58	29°♒20'17	
inferior conj	-4783 Mar 23 j 12:45	25°♒21'28	0°18'59
minimum elong	-4783 Mar 23 j 13:37	25°♒20'14	0°18'31
min. Earth dist.	-4783 Mar 24 j 03:11	25°♒01'00	0.55214 AU
desc. node	-4783 Mar 24 j 16:20	24°♒42'25	
morning rise	-4783 Apr 01 j 18:37	21°♒13'55	
direct	-4783 Apr 04 j 19:10	20°♒53'53	
morning max el	-4783 Apr 17 j 14:29	27°♒03'41	22°19'24
	-4783 Apr 20 j 10:32	0°♓	

asc. node	-4783 May 08 j 14:18	0°♈00'25	
	-4783 May 08 j 14:13	0°♈	
morning set	-4783 May 09 j 03:57	1°♈11'06	
superior conj	-4783 May 16 j 11:17	16°♈37'22	1°13'10
minimum elong	-4783 May 16 j 08:38	16°♈23'25	1°12'49
max. Earth dist.	-4783 May 19 j 12:04	22°♈56'53	1.34427 AU
	-4783 May 22 j 23:43	0°♉	
evening rise	-4783 May 24 j 10:52	2°♉52'46	
	-4783 Jun 08 j 22:30	0°♊	
desc. node	-4783 Jun 20 j 14:44	16°♊25'34	
evening max el	-4783 Jun 28 j 02:50	24°♊47'04	27°08'55
	-4783 Jul 04 j 16:11	0°♋	
retrograde	-4783 Jul 11 j 11:04	2°♋10'43	
	-4783 Jul 17 j 14:31	30°℞♊	
evening set	-4783 Jul 18 j 09:30	29°♊23'48	
min. Earth dist.	-4783 Jul 22 j 04:38	25°♊40'47	0.64946 AU
inferior conj	-4783 Jul 24 j 06:34	23°♊19'20	-3°-15'-47
minimum elong	-4783 Jul 24 j 10:11	23°♊09'05	3°14'37
morning rise	-4783 Jul 30 j 12:13	17°♊44'00	
direct	-4783 Aug 02 j 07:09	17°♊02'06	
asc. node	-4783 Aug 04 j 13:55	17°♊29'51	
morning max el	-4783 Aug 08 j 20:11	20°♊34'53	18°14'51
	-4783 Aug 15 j 23:50	0°♋	
morning set	-4783 Aug 27 j 09:26	18°♋37'21	
	-4783 Sep 03 j 06:53	0°♌	
superior conj	-4783 Sep 10 j 15:39	11°♌53'31	0°36'52
minimum elong	-4783 Sep 10 j 19:59	12°♌10'48	0°36'32
max. Earth dist.	-4783 Sep 14 j 00:44	17°♌15'45	1.44588 AU
desc. node	-4783 Sep 16 j 14:04	21°♌17'49	
	-4783 Sep 22 j 03:16	0°♍	
evening rise	-4783 Sep 27 j 07:48	8°♍05'19	
	-4783 Oct 11 j 14:15	0°♎	
greatest brilliancy	-4783 Oct 13 j 19:35	3°♎15'12	-0.7m
evening max el	-4783 Oct 22 j 00:34	13°♎45'58	19°41'52
retrograde	-4783 Oct 29 j 09:44	18°♎03'22	
asc. node	-4783 Oct 31 j 12:44	17°♎37'08	
evening set	-4783 Nov 01 j 19:20	16°♎55'55	
inferior conj	-4783 Nov 07 j 10:10	10°♎55'42	2°12'16
minimum elong	-4783 Nov 07 j 07:26	11°♎04'37	2°11'17
min. Earth dist.	-4783 Nov 08 j 11:42	9°♎32'19	0.66285 AU
morning rise	-4783 Nov 12 j 18:50	4°♎40'51	
direct	-4783 Nov 18 j 18:50	2°♎04'24	
morning max el	-4783 Nov 30 j 22:51	9°♎15'41	25°38'57
desc. node	-4783 Dec 13 j 14:14	24°♎37'36	
	-4783 Dec 17 j 09:18	0°♏	
	-4782 Jan 04 j 21:06	0°♐	
morning set	-4782 Jan 06 j 03:45	2°♐18'42	
max. Earth dist.	-4782 Jan 10 j 00:47	9°♐31'51	1.36197 AU
superior conj	-4782 Jan 15 j 15:32	20°♐30'12	-1°-37'-28
minimum elong	-4782 Jan 15 j 18:24	20°♐44'35	1°37'28
	-4782 Jan 20 j 07:51	0°♑	
evening rise	-4782 Jan 23 j 16:17	6°♑50'39	
asc. node	-4782 Jan 27 j 11:37	14°♑24'51	
	-4782 Feb 05 j 17:28	0°♒	
evening max el	-4782 Feb 10 j 12:01	5°♒32'34	19°57'56
retrograde	-4782 Feb 20 j 12:34	10°♒17'12	
evening set	-4782 Feb 22 j 20:57	10°♒02'45	
inferior conj	-4782 Mar 03 j 13:04	6°♒02'03	2°06'15
minimum elong	-4782 Mar 03 j 17:49	5°♒54'47	2°04'38
min. Earth dist.	-4782 Mar 05 j 17:23	4°♒42'10	0.55861 AU
desc. node	-4782 Mar 11 j 13:28	1°♒47'46	
morning rise	-4782 Mar 12 j 11:42	1°♒29'53	
direct	-4782 Mar 16 j 12:35	0°♒53'51	
morning max el	-4782 Mar 30 j 07:37	7°♒46'37	23°57'54

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4782 Apr 15 j 08:55	0°♓		
morning set	-4782 Apr 23 j 15:57	16°♓12'50		
asc. node	-4782 Apr 25 j 11:15	20°♓01'45		
	-4782 Apr 30 j 02:25	0°♈		
superior conj	-4782 Apr 30 j 18:40	1°♈27'32	0°52'25	
minimum elong	-4782 Apr 30 j 16:33	1°♈16'08	0°52'00	
max. Earth dist.	-4782 May 02 j 15:44	5°♈28'53	1.33478 AU	
evening rise	-4782 May 08 j 06:39	17°♈09'03		
	-4782 May 14 j 23:31	0°♉		
	-4782 Jun 03 j 11:21	0°♊		
desc. node	-4782 Jun 07 j 11:52	4°♊42'09		
evening max el	-4782 Jun 10 j 13:13	7°♊50'37	27°25'28	
retrograde	-4782 Jun 24 j 06:05	15°♊15'20		
evening set	-4782 Jul 01 j 09:16	12°♊37'43		
min. Earth dist.	-4782 Jul 04 j 23:55	9°♊27'52	0.63424 AU	
inferior conj	-4782 Jul 07 j 15:53	6°♊44'35	-3°-49'-59	
minimum elong	-4782 Jul 07 j 19:04	6°♊36'26	3°49'14	
morning rise	-4782 Jul 14 j 06:49	1°♊27'18		
direct	-4782 Jul 16 j 21:45	0°♊53'44		
asc. node	-4782 Jul 22 j 10:56	3°♊22'31		
morning max el	-4782 Jul 23 j 10:53	4°♊18'06	17°58'25	
morning set	-4782 Aug 09 j 08:19	0°♋25'40		
	-4782 Aug 09 j 02:26	0°♋		
superior conj	-4782 Aug 21 j 14:51	21°♋22'40	1°15'16	
minimum elong	-4782 Aug 21 j 20:45	21°♋47'02	1°14'53	
	-4782 Aug 26 j 21:25	0°♌		
max. Earth dist.	-4782 Aug 27 j 16:28	1°♌16'44	1.43705 AU	
desc. node	-4782 Sep 03 j 11:00	12°♌00'49		
evening rise	-4782 Sep 06 j 12:46	16°♌47'42		
	-4782 Sep 15 j 04:22	0°♍		
greatest brilliancy	-4782 Sep 29 j 04:19	20°♍08'11	-0.5m	
evening max el	-4782 Oct 05 j 02:35	27°♍12'23	20°44'07	
	-4782 Oct 08 j 05:34	0°♎		
retrograde	-4782 Oct 13 j 06:48	2°♎01'49		
evening set	-4782 Oct 17 j 02:35	0°♎38'05		
	-4782 Oct 17 j 21:27	30°℞♍		
asc. node	-4782 Oct 18 j 09:52	29°♍31'21		
inferior conj	-4782 Oct 22 j 13:34	24°♍27'44	1°23'04	
minimum elong	-4782 Oct 22 j 11:43	24°♍33'59	1°22'23	
min. Earth dist.	-4782 Oct 23 j 03:26	23°♍40'37	0.66960 AU	
morning rise	-4782 Oct 27 j 20:25	18°♍10'12		
direct	-4782 Nov 02 j 05:10	15°♍52'18		
morning max el	-4782 Nov 13 j 07:36	22°♍29'25	24°17'33	
	-4782 Nov 19 j 21:48	0°♎		
desc. node	-4782 Nov 30 j 11:09	14°♎19'56		
	-4782 Dec 10 j 17:35	0°♏		
morning set	-4782 Dec 19 j 01:14	13°♏51'13		
max. Earth dist.	-4782 Dec 22 j 22:22	20°♏42'19	1.38102 AU	
	-4782 Dec 27 j 23:24	0°♐		
superior conj	-4782 Dec 29 j 22:05	3°♐41'56	-1°-49'-36	
minimum elong	-4782 Dec 29 j 23:52	3°♐50'30	1°49'45	
evening rise	-4781 Jan 07 j 15:44	20°♐49'50		
	-4781 Jan 12 j 09:37	0°♑		
asc. node	-4781 Jan 14 j 08:40	3°♑35'07		
evening max el	-4781 Jan 24 j 07:31	17°♑40'47	19°01'35	
retrograde	-4781 Feb 01 j 20:02	21°♑45'39		
evening set	-4781 Feb 04 j 05:49	21°♑27'29		
inferior conj	-4781 Feb 12 j 05:32	17°♑11'36	3°21'09	
minimum elong	-4781 Feb 12 j 10:06	17°♑03'33	3°20'01	
min. Earth dist.	-4781 Feb 15 j 08:27	15°♑00'45	0.57270 AU	
morning rise	-4781 Feb 20 j 10:43	12°♑10'18		
direct	-4781 Feb 25 j 17:40	11°♑04'14		
desc. node	-4781 Feb 26 j 10:36	11°♑05'26		
morning max el	-4781 Mar 11 j 22:31	18°♑23'21	25°32'24	

	-4781 Mar 21 j 14:37	0°♒		
	-4781 Apr 07 j 13:34	0°♓		
morning set	-4781 Apr 08 j 04:06	1°♓15'55		
asc. node	-4781 Apr 12 j 08:11	10°♓11'34		
superior conj	-4781 Apr 15 j 05:05	16°♓26'50	0°29'24	
minimum elong	-4781 Apr 15 j 03:49	16°♓19'57	0°29'03	
max. Earth dist.	-4781 Apr 16 j 02:04	18°♓21'04	1.32879 AU	
	-4781 Apr 21 j 13:01	0°♈		
evening rise	-4781 Apr 22 j 09:51	1°♈47'40		
	-4781 May 07 j 22:33	0°♉		
evening max el	-4781 May 23 j 19:50	20°♉21'06	27°10'05	
desc. node	-4781 May 25 j 09:03	21°♉46'35		
retrograde	-4781 Jun 06 j 18:21	27°♉44'10		
evening set	-4781 Jun 13 j 17:16	25°♉29'41		
min. Earth dist.	-4781 Jun 17 j 09:12	22°♉42'01	0.61573 AU	
inferior conj	-4781 Jun 20 j 13:12	19°♉50'42	-4°-10'-42	
minimum elong	-4781 Jun 20 j 14:45	19°♉47'11	4°10'27	
morning rise	-4781 Jun 27 j 14:59	14°♉54'19		
direct	-4781 Jun 30 j 03:39	14°♉27'12		
morning max el	-4781 Jul 07 j 00:40	17°♉52'46	18°00'31	
asc. node	-4781 Jul 09 j 07:56	20°♉25'27		
	-4781 Jul 15 j 17:41	0°♊		
morning set	-4781 Jul 23 j 02:47	13°♊10'13		
	-4781 Aug 01 j 11:03	0°♋		
superior conj	-4781 Aug 02 j 17:42	2°♋14'00	1°38'53	
minimum elong	-4781 Aug 02 j 21:33	2°♋30'45	1°38'52	
max. Earth dist.	-4781 Aug 10 j 03:04	14°♋46'13	1.42243 AU	
evening rise	-4781 Aug 16 j 20:33	25°♋39'16		
	-4781 Aug 19 j 14:55	0°♌		
desc. node	-4781 Aug 21 j 07:59	2°♌39'13		
	-4781 Sep 09 j 02:48	0°♍		
greatest brilliancy	-4781 Sep 13 j 02:41	5°♍09'05	-0.4m	
evening max el	-4781 Sep 17 j 22:12	10°♍37'14	21°57'37	
retrograde	-4781 Sep 27 j 02:40	16°♍04'37		
evening set	-4781 Oct 01 j 10:44	14°♍22'14		
asc. node	-4781 Oct 05 j 06:59	10°♍09'22		
inferior conj	-4781 Oct 06 j 19:27	8°♍05'13	0°31'00	
minimum elong	-4781 Oct 06 j 18:44	8°♍07'42	0°30'48	
min. Earth dist.	-4781 Oct 06 j 22:44	7°♍53'51	0.67316 AU	
morning rise	-4781 Oct 12 j 02:32	1°♍47'53		
	-4781 Oct 15 j 12:09	30°℞♌		
direct	-4781 Oct 16 j 20:03	29°♌51'14		
	-4781 Oct 18 j 05:00	0°♍		
morning max el	-4781 Oct 26 j 18:10	5°♍46'32	22°51'25	
greatest brilliancy	-4781 Oct 31 j 13:51	11°♍11'54	-0.3m	
	-4781 Nov 14 j 08:33	0°♎		
desc. node	-4781 Nov 17 j 08:03	4°♎25'30		
morning set	-4781 Nov 29 j 19:55	24°♎03'32		
	-4781 Dec 03 j 09:24	0°♏		
max. Earth dist.	-4781 Dec 04 j 19:14	2°♏23'56	1.40160 AU	
superior conj	-4781 Dec 12 j 12:39	16°♏02'48	-1°-53'00	
minimum elong	-4781 Dec 12 j 12:02	16°♏00'02	1°53'11	
	-4781 Dec 20 j 00:00	0°♐		
evening rise	-4781 Dec 22 j 06:19	4°♐18'16		
asc. node	-4780 Jan 01 j 05:45	22°♐13'21		
	-4780 Jan 07 j 03:41	0°♑		
evening max el	-4780 Jan 07 j 11:25	0°♑19'09	18°25'16	
retrograde	-4780 Jan 14 j 22:05	3°♑59'15		
evening set	-4780 Jan 17 j 10:04	3°♑35'39		
	-4780 Jan 23 j 12:12	30°℞♐		
inferior conj	-4780 Jan 24 j 18:23	28°♐59'06	3°58'18	
minimum elong	-4780 Jan 24 j 20:18	28°♐55'11	3°57'55	
min. Earth dist.	-4780 Jan 28 j 03:10	26°♐14'57	0.59137 AU	
morning rise	-4780 Feb 01 j 03:13	23°♐33'35		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4780 Feb 07 j 11:26	21°♐48'40	
desc. node	-4780 Feb 13 j 07:41	23°♐12'56	
morning max el	-4780 Feb 21 j 17:07	29°♐22'01	26°47'40
	-4780 Feb 22 j 08:32	0°♑	
	-4780 Mar 14 j 07:37	0°♒	
morning set	-4780 Mar 22 j 14:43	16°♒13'59	
asc. node	-4780 Mar 29 j 05:11	0°♓25'33	
	-4780 Mar 29 j 00:31	0°♓	
superior conj	-4780 Mar 29 j 16:48	1°♓29'07	0°05'03
minimum elong	-4780 Mar 29 j 16:35	1°♓27'55	0°04'53
behind sun begin	-4780 Mar 29 j 11:48	1°♓01'47	
behind sun end	-4780 Mar 29 j 21:21	1°♓54'03	
max. Earth dist.	-4780 Mar 29 j 15:25	1°♓21'32	1.32616 AU
evening rise	-4780 Apr 05 j 17:53	16°♓39'52	
	-4780 Apr 12 j 11:14	0°♈	
	-4780 May 02 j 17:01	0°♉	
evening max el	-4780 May 04 j 20:42	2°♉10'35	26°22'14
desc. node	-4780 May 11 j 06:12	7°♉09'27	
retrograde	-4780 May 18 j 22:47	9°♉29'55	
evening set	-4780 May 25 j 05:39	7°♉50'19	
min. Earth dist.	-4780 May 29 j 09:40	5°♉08'26	0.59540 AU
inferior conj	-4780 Jun 01 j 18:54	2°♉29'06	-4°-10'-45
minimum elong	-4780 Jun 01 j 17:33	2°♉31'48	4°10'35
	-4780 Jun 05 j 03:26	30°℞♈	
morning rise	-4780 Jun 09 j 09:09	27°♈54'49	
direct	-4780 Jun 11 j 20:31	27°♈32'55	
	-4780 Jun 18 j 01:52	0°♉	
morning max el	-4780 Jun 19 j 10:47	1°♉11'27	18°21'58
asc. node	-4780 Jun 25 j 04:57	8°♉23'51	
morning set	-4780 Jul 05 j 11:54	26°♉38'33	
	-4780 Jul 07 j 06:10	0°♊	
superior conj	-4780 Jul 14 j 21:17	14°♊19'43	1°48'43
minimum elong	-4780 Jul 14 j 22:18	14°♊24'20	1°48'56
max. Earth dist.	-4780 Jul 22 j 07:28	27°♊31'32	1.40413 AU
	-4780 Jul 23 j 18:12	0°♋	
evening rise	-4780 Jul 27 j 00:53	5°♋29'40	
desc. node	-4780 Aug 07 j 04:59	23°♋09'00	
	-4780 Aug 11 j 19:46	0°♌	
greatest brilliancy	-4780 Aug 24 j 09:18	17°♌05'26	-0.2m
evening max el	-4780 Aug 30 j 12:21	24°♌01'49	23°17'41
	-4780 Sep 08 j 11:02	0°♍	
retrograde	-4780 Sep 09 j 19:52	0°♍08'24	
	-4780 Sep 11 j 03:39	30°℞♌	
evening set	-4780 Sep 14 j 17:57	28°♌06'12	
inferior conj	-4780 Sep 20 j 02:01	21°♌46'04	0°-22'-12
minimum elong	-4780 Sep 20 j 02:31	21°♌44'19	0°21'51
min. Earth dist.	-4780 Sep 19 j 19:07	22°♌09'45	0.67377 AU
asc. node	-4780 Sep 21 j 04:07	20°♌17'03	
morning rise	-4780 Sep 25 j 11:08	15°♌32'00	
direct	-4780 Sep 29 j 14:42	13°♌56'19	
morning max el	-4780 Oct 08 j 09:28	19°♌08'31	21°28'44
greatest brilliancy	-4780 Oct 13 j 14:34	25°♌10'04	-0.4m
	-4780 Oct 17 j 06:46	0°♍	
desc. node	-4780 Nov 03 j 04:56	24°♍46'53	
	-4780 Nov 06 j 13:44	0°♎	
morning set	-4780 Nov 08 j 10:47	2°♎56'53	
max. Earth dist.	-4780 Nov 15 j 21:10	14°♎55'08	1.42093 AU
superior conj	-4780 Nov 23 j 05:31	27°♎17'58	-1°-44'-10
minimum elong	-4780 Nov 23 j 01:28	27°♎00'29	1°44'02
	-4780 Nov 24 j 18:53	0°♏	
evening rise	-4780 Dec 04 j 08:29	17°♏07'09	
	-4780 Dec 11 j 13:08	0°♐	
asc. node	-4780 Dec 18 j 02:53	10°♐08'50	
evening max el	-4780 Dec 20 j 21:03	13°♐19'17	18°08'58
retrograde	-4780 Dec 27 j 16:22	16°♐48'31	
evening set	-4780 Dec 30 j 06:48	16°♐18'18	
inferior conj	-4779 Jan 06 j 02:08	11°♐19'56	4°04'35
minimum elong	-4779 Jan 06 j 01:18	11°♐21'53	4°04'19
min. Earth dist.	-4779 Jan 09 j 04:25	8°♐25'53	0.61132 AU
morning rise	-4779 Jan 12 j 17:16	5°♐37'14	
direct	-4779 Jan 19 j 15:59	3°♐16'53	
desc. node	-4779 Jan 30 j 04:45	7°♐48'47	
morning max el	-4779 Feb 02 j 17:46	10°♐57'26	27°32'00
	-4779 Feb 17 j 16:27	0°♑	
	-4779 Mar 06 j 10:18	0°♒	
morning set	-4779 Mar 06 j 21:52	0°♒59'14	
max. Earth dist.	-4779 Mar 13 j 03:58	14°♒16'12	1.32688 AU
superior conj	-4779 Mar 14 j 04:08	16°♒27'40	0°-19'-49
minimum elong	-4779 Mar 14 j 05:01	16°♒32'30	0°19'49
asc. node	-4779 Mar 16 j 02:11	20°♒38'56	
	-4779 Mar 20 j 10:11	0°♓	
evening rise	-4779 Mar 21 j 04:39	1°♓37'31	
	-4779 Apr 05 j 19:25	0°♈	
evening max el	-4779 Apr 16 j 15:45	13°♈21'12	25°07'16
desc. node	-4779 Apr 28 j 03:23	20°♈14'41	
retrograde	-4779 Apr 30 j 17:08	20°♈30'13	
evening set	-4779 May 05 j 20:41	19°♈28'48	
min. Earth dist.	-4779 May 11 j 04:12	16°♈36'14	0.57588 AU
inferior conj	-4779 May 14 j 05:44	14°♈31'14	-3°-40'-38
minimum elong	-4779 May 14 j 01:09	14°♈39'05	3°39'49
morning rise	-4779 May 22 j 09:49	10°♈17'11	
direct	-4779 May 24 j 20:22	9°♈59'27	
morning max el	-4779 Jun 02 j 14:17	14°♈05'01	19°03'33
asc. node	-4779 Jun 12 j 01:59	27°♈05'09	
	-4779 Jun 13 j 17:22	0°♉	
morning set	-4779 Jun 19 j 07:41	10°♉41'18	
superior conj	-4779 Jun 27 j 19:57	27°♉24'23	1°47'40
minimum elong	-4779 Jun 27 j 18:47	27°♉18'46	1°47'50
	-4779 Jun 29 j 04:29	0°♊	
max. Earth dist.	-4779 Jul 04 j 08:49	9°♊37'11	1.38474 AU
evening rise	-4779 Jul 08 j 07:51	16°♊38'39	
	-4779 Jul 16 j 07:55	0°♋	
desc. node	-4779 Jul 25 j 02:01	13°♋25'39	
	-4779 Aug 06 j 07:05	0°♌	
evening max el	-4779 Aug 12 j 23:32	7°♌29'36	24°37'49
retrograde	-4779 Aug 24 j 09:19	14°♌10'14	
evening set	-4779 Aug 29 j 22:28	11°♌48'49	
min. Earth dist.	-4779 Sep 03 j 14:09	6°♌27'24	0.67141 AU
inferior conj	-4779 Sep 04 j 07:34	5°♌29'07	-1°-14'-56
minimum elong	-4779 Sep 04 j 09:17	5°♌23'22	1°14'03
asc. node	-4779 Sep 08 j 01:15	0°♌54'58	
	-4779 Sep 09 j 00:43	30°℞♋	
morning rise	-4779 Sep 09 j 20:24	29°♋21'38	
direct	-4779 Sep 13 j 11:59	28°♋04'50	
	-4779 Sep 18 j 08:18	0°♌	
morning max el	-4779 Sep 21 j 07:36	2°♌38'28	20°15'43
greatest brilliancy	-4779 Sep 28 j 05:02	11°♌03'58	-0.6m
	-4779 Oct 11 j 03:12	0°♍	
morning set	-4779 Oct 18 j 09:51	11°♍10'34	
desc. node	-4779 Oct 21 j 01:51	15°♍19'26	
max. Earth dist.	-4779 Oct 29 j 06:28	28°♍16'25	1.43631 AU
	-4779 Oct 30 j 08:15	0°♎	
superior conj	-4779 Nov 03 j 19:42	7°♎16'39	-1°-19'-43
minimum elong	-4779 Nov 03 j 13:05	6°♎49'28	1°19'06
evening rise	-4779 Nov 16 j 17:57	29°♎08'02	
	-4779 Nov 17 j 05:58	0°♏	
evening max el	-4779 Dec 04 j 09:32	26°♏33'56	18°12'01
asc. node	-4779 Dec 05 j 00:00	27°♏09'09	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4779 Dec 10 j 00:55	0°♐	
retrograde	-4779 Dec 10 j 22:56	0°♐04'21	
	-4779 Dec 11 j 20:58	30°℞♏	
evening set	-4779 Dec 13 j 16:34	29°♏26'16	
inferior conj	-4779 Dec 20 j 01:17	24°♏06'57	3°48'59
minimum elong	-4779 Dec 19 j 22:44	24°♏13'45	3°48'24
min. Earth dist.	-4779 Dec 22 j 14:37	21°♏24'28	0.62987 AU
morning rise	-4779 Dec 26 j 03:08	18°♏11'46	
direct	-4778 Jan 02 j 04:50	15°♏29'00	
morning max el	-4778 Jan 15 j 23:46	23°♏11'33	27°40'25
desc. node	-4778 Jan 17 j 01:49	24°♏17'12	
	-4778 Jan 22 j 02:52	0°♐	
	-4778 Feb 10 j 21:02	0°♑	
morning set	-4778 Feb 18 j 23:16	15°♑23'41	
max. Earth dist.	-4778 Feb 24 j 11:57	26°♑51'45	1.33129 AU
	-4778 Feb 25 j 23:10	0°♒	
superior conj	-4778 Feb 26 j 13:23	1°♒16'25	0°-44'-18
minimum elong	-4778 Feb 26 j 15:18	1°♒26'45	0°44'09
asc. node	-4778 Mar 02 j 23:12	10°♒47'34	
evening rise	-4778 Mar 05 j 16:17	16°♒33'58	
	-4778 Mar 12 j 10:02	0°♓	
evening max el	-4778 Mar 29 j 07:59	24°♓08'01	23°36'04
	-4778 Apr 07 j 02:24	0°♈	
retrograde	-4778 Apr 11 j 22:37	0°♈53'05	
desc. node	-4778 Apr 15 j 00:35	0°♈32'05	
evening set	-4778 Apr 15 j 18:49	0°♈20'41	
	-4778 Apr 16 j 21:23	30°℞♓	
min. Earth dist.	-4778 Apr 22 j 19:30	27°♓05'24	0.56058 AU
inferior conj	-4778 Apr 24 j 20:36	25°♓51'40	-2°-32'-3
minimum elong	-4778 Apr 24 j 15:03	26°♓00'03	2°30'32
morning rise	-4778 May 03 j 14:43	21°♓51'32	
direct	-4778 May 06 j 01:46	21°♓36'16	
morning max el	-4778 May 16 j 08:27	26°♓23'19	20°05'28
	-4778 May 19 j 16:58	0°♈	
asc. node	-4778 May 29 j 22:59	16°♈18'31	
morning set	-4778 Jun 03 j 10:56	25°♈09'34	
	-4778 Jun 05 j 20:01	0°♉	
superior conj	-4778 Jun 11 j 08:23	11°♉12'38	1°38'34
minimum elong	-4778 Jun 11 j 06:01	11°♉00'44	1°38'32
max. Earth dist.	-4778 Jun 16 j 13:08	21°♉24'05	1.36663 AU
evening rise	-4778 Jun 20 j 14:27	28°♉58'45	
	-4778 Jun 21 j 03:55	0°♊	
	-4778 Jul 09 j 14:16	0°♋	
desc. node	-4778 Jul 11 j 23:06	3°♋22'27	
evening max el	-4778 Jul 26 j 10:13	21°♋00'00	25°50'11
retrograde	-4778 Aug 07 j 18:11	28°♋05'02	
evening set	-4778 Aug 13 j 22:17	25°♋27'40	
min. Earth dist.	-4778 Aug 18 j 05:17	20°♋44'09	0.66581 AU
inferior conj	-4778 Aug 19 j 10:17	19°♋11'40	-2°-5'-30
minimum elong	-4778 Aug 19 j 13:03	19°♋02'50	2°04'16
morning rise	-4778 Aug 25 j 04:26	13°♋14'12	
asc. node	-4778 Aug 25 j 22:23	12°♋49'23	
direct	-4778 Aug 28 j 10:15	12°♋13'24	
morning max el	-4778 Sep 04 j 12:43	16°♋16'16	19°16'11
	-4778 Sep 14 j 20:48	0°♌	
morning set	-4778 Sep 27 j 16:01	19°♌50'36	
	-4778 Oct 04 j 03:26	0°♍	
desc. node	-4778 Oct 07 j 22:44	5°♍58'40	
max. Earth dist.	-4778 Oct 11 j 21:50	12°♍13'38	1.44566 AU
superior conj	-4778 Oct 14 j 07:37	16°♍02'32	0°-39'-26
minimum elong	-4778 Oct 14 j 02:48	15°♍43'24	0°38'47
	-4778 Oct 23 j 00:28	0°♎	
evening rise	-4778 Oct 29 j 05:52	10°♎10'45	
	-4778 Nov 10 j 10:38	0°♏	
evening max el	-4778 Nov 17 j 22:01	9°♏56'24	18°33'35
asc. node	-4778 Nov 21 j 21:07	12°♏59'15	
retrograde	-4778 Nov 24 j 13:35	13°♏38'22	
evening set	-4778 Nov 27 j 11:52	12°♏50'42	
inferior conj	-4778 Dec 03 j 12:08	7°♏12'50	3°18'40
minimum elong	-4778 Dec 03 j 08:55	7°♏22'17	3°17'45
min. Earth dist.	-4778 Dec 05 j 10:47	4°♏56'11	0.64538 AU
morning rise	-4778 Dec 09 j 04:45	1°♏07'57	
	-4778 Dec 10 j 17:13	30°℞♎	
direct	-4778 Dec 16 j 00:24	28°♎18'11	
	-4778 Dec 21 j 20:00	0°♏	
morning max el	-4778 Dec 29 j 08:54	5°♏56'53	27°14'31
desc. node	-4777 Jan 03 j 22:50	12°♏06'04	
	-4777 Jan 16 j 21:10	0°♐	
morning set	-4777 Feb 02 j 16:02	29°♐18'00	
	-4777 Feb 03 j 00:38	0°♑	
max. Earth dist.	-4777 Feb 07 j 11:44	8°♑57'51	1.33973 AU
superior conj	-4777 Feb 10 j 18:38	15°♑49'02	-1°-7'-21
minimum elong	-4777 Feb 10 j 21:21	16°♑03'18	1°07'10
	-4777 Feb 17 j 11:11	0°♒	
asc. node	-4777 Feb 17 j 20:12	0°♒47'15	
evening rise	-4777 Feb 18 j 03:04	1°♒23'05	
	-4777 Mar 06 j 15:42	0°♓	
evening max el	-4777 Mar 11 j 03:04	4°♓56'47	22°02'40
retrograde	-4777 Mar 23 j 16:27	11°♓01'20	
evening set	-4777 Mar 26 j 12:35	10°♓43'28	
desc. node	-4777 Apr 01 j 21:46	8°♓14'45	
inferior conj	-4777 Apr 04 j 20:09	6°♓37'40	0°-48'-14
minimum elong	-4777 Apr 04 j 17:56	6°♓40'47	0°47'37
min. Earth dist.	-4777 Apr 04 j 09:36	6°♓52'32	0.55263 AU
morning rise	-4777 Apr 14 j 00:30	2°♓38'29	
direct	-4777 Apr 16 j 17:06	2°♓22'12	
morning max el	-4777 Apr 28 j 15:50	8°♓00'54	21°26'12
	-4777 May 13 j 19:19	0°♈	
asc. node	-4777 May 16 j 19:59	5°♈55'53	
morning set	-4777 May 18 j 19:10	9°♈56'26	
superior conj	-4777 May 26 j 06:33	25°♈32'50	1°23'42
minimum elong	-4777 May 26 j 03:49	25°♈18'40	1°23'26
	-4777 May 28 j 10:28	0°♉	
max. Earth dist.	-4777 May 30 j 01:39	3°♉18'21	1.35142 AU
evening rise	-4777 Jun 03 j 15:18	12°♉15'27	
	-4777 Jun 13 j 13:25	0°♊	
desc. node	-4777 Jun 28 j 20:11	22°♊50'50	
	-4777 Jul 04 j 16:04	0°♋	
evening max el	-4777 Jul 08 j 21:24	4°♋27'49	26°46'32
retrograde	-4777 Jul 21 j 22:04	11°♋47'04	
evening set	-4777 Jul 28 j 15:08	9°♋00'27	
min. Earth dist.	-4777 Aug 01 j 14:09	4°♋56'04	0.65661 AU
inferior conj	-4777 Aug 03 j 08:11	2°♋51'07	-2°-51'-55
minimum elong	-4777 Aug 03 j 11:39	2°♋40'47	2°50'37
	-4777 Aug 05 j 20:26	30°℞♊	
morning rise	-4777 Aug 09 j 09:13	27°♊06'59	
direct	-4777 Aug 12 j 07:30	26°♊19'04	
asc. node	-4777 Aug 12 j 19:29	26°♊20'26	
	-4777 Aug 18 j 23:26	0°♋	
morning max el	-4777 Aug 18 j 23:28	0°♋00'05	18°32'23
morning set	-4777 Sep 07 j 22:02	29°♋41'38	
	-4777 Sep 08 j 02:33	0°♌	
superior conj	-4777 Sep 23 j 06:53	24°♌16'46	0°09'39
minimum elong	-4777 Sep 23 j 08:10	24°♌21'47	0°09'39
behind sun begin	-4777 Sep 22 j 22:55	23°♌45'17	
behind sun end	-4777 Sep 23 j 17:24	24°♌58'16	
max. Earth dist.	-4777 Sep 24 j 15:56	26°♌27'08	1.44789 AU
desc. node	-4777 Sep 24 j 19:36	26°♌41'37	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4777 Sep	26 j 21:58	0°♍	
evening rise	-4777 Oct	09 j 16:47	20°♍08'49	
	-4777 Oct	15 j 22:29	0°♎	
evening max el	-4777 Nov	01 j 07:56	23°♎21'57	19°12'23
retrograde	-4777 Nov	08 j 08:52	27°♎24'25	
asc. node	-4777 Nov	08 j 18:15	27°♎23'32	
evening set	-4777 Nov	11 j 13:41	26°♎24'56	
inferior conj	-4777 Nov	17 j 07:26	20°♎31'40	2°38'30
minimum elong	-4777 Nov	17 j 04:21	20°♎41'24	2°37'28
min. Earth dist.	-4777 Nov	18 j 16:11	18°♎48'05	0.65741 AU
morning rise	-4777 Nov	22 j 18:10	14°♎19'34	
direct	-4777 Nov	29 j 02:09	11°♎35'39	
morning max el	-4777 Dec	11 j 18:40	19°♎01'04	26°20'02
	-4777 Dec	21 j 04:16	0°♏	
desc. node	-4777 Dec	21 j 19:46	0°♏51'05	
	-4776 Jan	09 j 21:25	0°♐	
morning set	-4776 Jan	16 j 20:10	12°♐29'04	
max. Earth dist.	-4776 Jan	21 j 00:12	20°♐28'38	1.35257 AU
superior conj	-4776 Jan	25 j 17:31	29°♐56'59	-1°-27'-41
minimum elong	-4776 Jan	25 j 20:32	0°♑12'28	1°27'35
	-4776 Jan	25 j 18:06	0°♑	
evening rise	-4776 Feb	02 j 11:05	15°♑57'26	
asc. node	-4776 Feb	04 j 17:13	20°♑32'21	
	-4776 Feb	09 j 16:14	0°♒	
evening max el	-4776 Feb	21 j 06:17	16°♒09'41	20°38'52
retrograde	-4776 Mar	03 j 06:29	21°♒23'29	
evening set	-4776 Mar	05 j 15:49	21°♒09'42	
inferior conj	-4776 Mar	14 j 16:04	17°♒11'41	1°07'14
minimum elong	-4776 Mar	14 j 18:59	17°♒07'25	1°06'04
min. Earth dist.	-4776 Mar	15 j 23:42	16°♒25'46	0.55379 AU
desc. node	-4776 Mar	18 j 18:56	14°♒53'22	
morning rise	-4776 Mar	23 j 20:28	12°♒55'11	
direct	-4776 Mar	27 j 05:43	12°♒30'14	
morning max el	-4776 Apr	09 j 13:14	18°♒59'53	23°00'52
	-4776 Apr	18 j 13:51	0°♓	
morning set	-4776 May	02 j 06:18	24°♓54'15	
asc. node	-4776 May	02 j 16:55	25°♓49'49	
	-4776 May	04 j 16:16	0°♈	
superior conj	-4776 May	09 j 11:17	10°♈14'16	1°04'43
minimum elong	-4776 May	09 j 08:48	10°♈01'07	1°04'19
max. Earth dist.	-4776 May	11 j 23:53	15°♈34'16	1.33979 AU
evening rise	-4776 May	17 j 05:19	26°♈13'13	
	-4776 May	19 j 03:49	0°♉	
	-4776 Jun	05 j 22:19	0°♊	
desc. node	-4776 Jun	14 j 17:20	11°♊38'14	
evening max el	-4776 Jun	20 j 08:20	17°♊42'43	27°19'30
retrograde	-4776 Jul	03 j 20:41	25°♊07'57	
evening set	-4776 Jul	10 j 22:09	22°♊22'56	
min. Earth dist.	-4776 Jul	14 j 14:47	18°♊55'16	0.64346 AU
inferior conj	-4776 Jul	16 j 22:52	16°♊22'56	-3°-31'-37
minimum elong	-4776 Jul	17 j 02:26	16°♊13'15	3°30'36
morning rise	-4776 Jul	23 j 08:20	10°♊55'15	
direct	-4776 Jul	26 j 01:16	10°♊17'18	
asc. node	-4776 Jul	29 j 16:32	11°♊25'03	
morning max el	-4776 Aug	01 j 13:31	13°♊45'18	18°05'40
	-4776 Aug	12 j 21:19	0°♋	
morning set	-4776 Aug	19 j 07:03	10°♋50'05	
	-4776 Aug	30 j 18:51	0°♌	
superior conj	-4776 Sep	01 j 16:31	3°♌05'22	0°54'52
minimum elong	-4776 Sep	01 j 22:06	3°♌27'59	0°54'25
max. Earth dist.	-4776 Sep	06 j 08:59	10°♌36'24	1.44286 AU
desc. node	-4776 Sep	10 j 16:32	17°♌25'35	
evening rise	-4776 Sep	18 j 05:10	29°♌09'25	
	-4776 Sep	18 j 18:16	0°♍	
greatest brilliancy	-4776 Oct	07 j 11:38	28°♍03'02	-0.6m
	-4776 Oct	08 j 21:58	0°♎	
evening max el	-4776 Oct	14 j 13:13	6°♎48'20	20°06'45
retrograde	-4776 Oct	22 j 05:58	11°♎19'05	
evening set	-4776 Oct	25 j 19:33	10°♎05'08	
asc. node	-4776 Oct	25 j 15:23	10°♎12'10	
inferior conj	-4776 Oct	31 j 08:31	4°♎00'01	1°51'54
minimum elong	-4776 Oct	31 j 06:08	4°♎07'59	1°51'01
min. Earth dist.	-4776 Nov	01 j 04:56	2°♎51'58	0.66604 AU
	-4776 Nov	03 j 11:20	30°℞♍	
morning rise	-4776 Nov	05 j 16:07	27°♍43'24	
direct	-4776 Nov	11 j 09:36	25°♍14'18	
	-4776 Nov	20 j 19:21	0°♎	
morning max el	-4776 Nov	23 j 03:38	2°♎13'16	25°05'33
desc. node	-4776 Dec	07 j 16:41	20°♎15'59	
	-4776 Dec	14 j 07:37	0°♏	
morning set	-4776 Dec	29 j 06:36	24°♏42'26	
	-4775 Jan	01 j 04:41	0°♐	
max. Earth dist.	-4775 Jan	02 j 01:30	1°♐36'12	1.36966 AU
superior conj	-4775 Jan	08 j 07:05	13°♐32'01	-1°-43'-29
minimum elong	-4775 Jan	08 j 09:38	13°♐44'36	1°43'33
evening rise	-4775 Jan	16 j 14:19	0°♑11'00	
	-4775 Jan	16 j 12:08	0°♑	
asc. node	-4775 Jan	21 j 14:15	9°♑57'09	
evening max el	-4775 Feb	02 j 20:01	27°♑57'52	19°31'36
	-4775 Feb	05 j 07:05	0°♒	
retrograde	-4775 Feb	12 j 04:31	2°♒24'03	
evening set	-4775 Feb	14 j 12:59	2°♒08'29	
	-4775 Feb	19 j 18:11	30°℞♑	
inferior conj	-4775 Feb	22 j 22:16	28°♑02'38	2°42'40
minimum elong	-4775 Feb	23 j 03:25	27°♑54'17	2°41'08
min. Earth dist.	-4775 Feb	25 j 14:25	26°♑19'14	0.56380 AU
morning rise	-4775 Mar	03 j 14:16	23°♑17'25	
desc. node	-4775 Mar	05 j 16:03	22°♑44'27	
direct	-4775 Mar	08 j 03:41	22°♑30'14	
morning max el	-4775 Mar	22 j 04:45	29°♑37'00	24°39'24
	-4775 Mar	22 j 14:15	0°♒	
	-4775 Apr	11 j 20:32	0°♓	
morning set	-4775 Apr	16 j 18:33	9°♓56'58	
asc. node	-4775 Apr	19 j 13:52	15°♓55'07	
superior conj	-4775 Apr	23 j 20:12	25°♓09'08	0°42'52
minimum elong	-4775 Apr	23 j 18:25	24°♓59'28	0°42'29
max. Earth dist.	-4775 Apr	25 j 06:32	28°♓14'32	1.33181 AU
	-4775 Apr	26 j 02:11	0°♈	
evening rise	-4775 May	01 j 04:36	10°♈40'01	
	-4775 May	11 j 11:05	0°♉	
desc. node	-4775 Jun	01 j 14:29	29°♉27'03	
	-4775 Jun	02 j 03:42	0°♊	
evening max el	-4775 Jun	02 j 17:19	0°♊33'04	27°22'55
retrograde	-4775 Jun	16 j 13:17	7°♊58'08	
evening set	-4775 Jun	23 j 15:45	5°♊28'36	
min. Earth dist.	-4775 Jun	27 j 05:55	2°♊29'47	0.62666 AU
	-4775 Jun	29 j 19:39	30°℞♉	
inferior conj	-4775 Jun	30 j 03:30	29°♉40'46	-4°00'-49
minimum elong	-4775 Jun	30 j 06:09	29°♉34'18	4°00'18
morning rise	-4775 Jul	06 j 22:52	24°♉32'10	
direct	-4775 Jul	09 j 12:31	24°♉01'42	
morning max el	-4775 Jul	16 j 04:11	27°♉25'41	17°56'57
asc. node	-4775 Jul	16 j 13:34	27°♉49'19	
	-4775 Jul	18 j 11:27	0°♊	
morning set	-4775 Aug	01 j 14:56	23°♊03'41	
	-4775 Aug	05 j 12:49	0°♋	
superior conj	-4775 Aug	13 j 03:24	13°♋09'05	1°27'07
minimum elong	-4775 Aug	13 j 08:41	13°♋31'25	1°26'54

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4775 Aug 19 j 22:13	24°♋23'40	1.43137 AU
	-4775 Aug 23 j 09:49	0°♌	
evening rise	-4775 Aug 28 j 08:39	7°♌48'07	
desc. node	-4775 Aug 28 j 13:30	8°♌07'00	
	-4775 Sep 12 j 01:31	0°♍	
greatest brilliancy	-4775 Sep 22 j 04:52	14°♍02'23	-0.5m
evening max el	-4775 Sep 27 j 12:30	20°♍13'53	21°14'19
retrograde	-4775 Oct 06 j 02:42	25°♍19'11	
evening set	-4775 Oct 10 j 03:22	23°♍48'00	
asc. node	-4775 Oct 12 j 12:31	21°♍29'46	
inferior conj	-4775 Oct 15 j 13:12	17°♍34'31	1°01'15
minimum elong	-4775 Oct 15 j 11:49	17°♍39'15	1°00'44
min. Earth dist.	-4775 Oct 15 j 22:34	17°♍02'23	0.67146 AU
morning rise	-4775 Oct 20 j 19:54	11°♍16'30	
direct	-4775 Oct 25 j 22:08	9°♍07'13	
morning max el	-4775 Nov 05 j 12:38	15°♍27'31	23°40'51
	-4775 Nov 17 j 10:25	0°♎	
desc. node	-4775 Nov 24 j 13:35	10°♎08'55	
	-4775 Dec 07 j 07:20	0°♏	
morning set	-4775 Dec 10 j 17:11	5°♏41'29	
max. Earth dist.	-4775 Dec 14 j 21:13	12°♏53'07	1.38973 AU
superior conj	-4775 Dec 22 j 07:25	26°♏23'18	-1°-52'-20
minimum elong	-4775 Dec 22 j 08:22	26°♏27'42	1°52'31
	-4775 Dec 24 j 05:16	0°♐	
evening rise	-4775 Dec 31 j 10:18	13°♐57'07	
asc. node	-4774 Jan 08 j 11:19	28°♐54'25	
	-4774 Jan 09 j 02:54	0°♑	
evening max el	-4774 Jan 16 j 19:26	10°♑19'41	18°43'44
retrograde	-4774 Jan 24 j 19:26	14°♑11'43	
evening set	-4774 Jan 27 j 06:15	13°♑51'21	
inferior conj	-4774 Feb 03 j 23:12	9°♑27'25	3°41'15
minimum elong	-4774 Feb 04 j 02:47	9°♑20'41	3°40'29
min. Earth dist.	-4774 Feb 07 j 06:44	6°♑59'30	0.58029 AU
morning rise	-4774 Feb 11 j 19:40	4°♑15'03	
direct	-4774 Feb 17 j 14:44	2°♑52'31	
desc. node	-4774 Feb 20 j 13:09	3°♑13'33	
morning max el	-4774 Mar 03 j 20:26	10°♑19'04	26°07'34
	-4774 Mar 18 j 21:34	0°♒	
morning set	-4774 Apr 01 j 06:17	24°♒58'37	
	-4774 Apr 03 j 15:05	0°♓	
asc. node	-4774 Apr 06 j 10:51	6°♓07'15	
superior conj	-4774 Apr 08 j 07:24	10°♓10'38	0°19'11
minimum elong	-4774 Apr 08 j 06:34	10°♓06'04	0°18'55
max. Earth dist.	-4774 Apr 08 j 18:35	11°♓11'45	1.32725 AU
evening rise	-4774 Apr 15 j 10:11	25°♓25'50	
	-4774 Apr 17 j 15:56	0°♈	
	-4774 May 05 j 04:25	0°♉	
evening max el	-4774 May 15 j 21:59	12°♉48'12	26°53'40
desc. node	-4774 May 19 j 11:39	15°♉53'03	
retrograde	-4774 May 29 j 22:30	20°♉09'41	
evening set	-4774 Jun 05 j 15:55	18°♉09'19	
min. Earth dist.	-4774 Jun 09 j 11:31	15°♉25'57	0.60716 AU
inferior conj	-4774 Jun 12 j 18:44	12°♉37'15	-4°-13'-49
minimum elong	-4774 Jun 12 j 19:11	12°♉36'18	4°13'41
morning rise	-4774 Jun 20 j 01:35	7°♉49'52	
direct	-4774 Jun 22 j 13:34	7°♉25'06	
morning max el	-4774 Jun 29 j 16:46	10°♉54'56	18°07'08
asc. node	-4774 Jul 03 j 10:37	15°♉18'03	
	-4774 Jul 12 j 08:25	0°♊	
morning set	-4774 Jul 15 j 16:18	6°♊09'08	
superior conj	-4774 Jul 25 j 17:27	24°♊34'04	1°44'34
minimum elong	-4774 Jul 25 j 20:05	24°♊45'44	1°44'42
	-4774 Jul 28 j 19:33	0°♋	
max. Earth dist.	-4774 Aug 02 j 06:17	7°♋36'03	1.41502 AU
evening rise	-4774 Aug 07 j 23:48	17°♋01'16	
desc. node	-4774 Aug 15 j 10:31	28°♋42'37	
	-4774 Aug 16 j 06:47	0°♌	
greatest brilliancy	-4774 Sep 05 j 11:53	28°♌19'34	-0.3m
	-4774 Sep 06 j 21:36	0°♍	
evening max el	-4774 Sep 10 j 05:46	3°♍39'10	22°31'15
retrograde	-4774 Sep 19 j 21:28	9°♍22'48	
evening set	-4774 Sep 24 j 11:21	7°♍32'10	
asc. node	-4774 Sep 29 j 09:41	1°♍47'57	
inferior conj	-4774 Sep 29 j 19:37	1°♍13'40	0°08'29
minimum elong	-4774 Sep 29 j 19:25	1°♍14'22	0°08'31
transit middle	-4774 Sep 29 j 19:25	1°♍14'22	0°08'31
transit begin	-4774 Sep 29 j 17:06	1°♍22'19	
transit end	-4774 Sep 29 j 21:43	1°♍06'25	
min. Earth dist.	-4774 Sep 29 j 18:37	1°♍17'05	0.67387 AU
	-4774 Sep 30 j 17:03	30°℞♌	
morning rise	-4774 Oct 05 j 03:21	24°♌57'24	
direct	-4774 Oct 09 j 14:51	23°♌09'37	
morning max el	-4774 Oct 19 j 00:43	28°♌45'45	22°15'17
	-4774 Oct 20 j 05:00	0°♍	
greatest brilliancy	-4774 Oct 23 j 18:44	4°♍08'41	-0.4m
desc. node	-4774 Nov 11 j 10:30	0°♎21'59	
	-4774 Nov 11 j 04:42	0°♎	
morning set	-4774 Nov 20 j 23:28	15°♎17'27	
max. Earth dist.	-4774 Nov 26 j 19:48	24°♎54'56	1.41024 AU
	-4774 Nov 29 j 19:36	0°♏	
superior conj	-4774 Dec 04 j 13:29	8°♏18'03	-1°-50'-59
minimum elong	-4774 Dec 04 j 11:29	8°♏09'08	1°51'04
evening rise	-4774 Dec 14 j 20:03	27°♏09'25	
	-4774 Dec 16 j 08:38	0°♐	
asc. node	-4774 Dec 26 j 08:25	17°♐15'35	
evening max el	-4774 Dec 31 j 02:09	23°♐08'11	18°15'54
retrograde	-4773 Jan 07 j 04:49	26°♐41'46	
evening set	-4773 Jan 09 j 17:57	26°♐15'19	
inferior conj	-4773 Jan 16 j 20:23	21°♐29'15	4°04'12
minimum elong	-4773 Jan 16 j 21:03	21°♐27'49	4°03'56
min. Earth dist.	-4773 Jan 20 j 03:30	18°♐38'16	0.59992 AU
morning rise	-4773 Jan 23 j 21:14	15°♐56'03	
direct	-4773 Jan 30 j 13:14	13°♐55'04	
desc. node	-4773 Feb 07 j 10:14	16°♐28'02	
morning max el	-4773 Feb 13 j 17:18	21°♐31'11	27°10'54
	-4773 Feb 21 j 03:54	0°♑	
	-4773 Mar 11 j 17:28	0°♒	
morning set	-4773 Mar 16 j 15:39	9°♒51'51	
superior conj	-4773 Mar 23 j 19:08	25°♒11'48	0°-5'-30
minimum elong	-4773 Mar 23 j 19:23	25°♒13'10	0°05'36
behind sun begin	-4773 Mar 23 j 14:40	24°♒47'24	
behind sun end	-4773 Mar 24 j 00:05	25°♒38'57	
max. Earth dist.	-4773 Mar 23 j 08:11	24°♒11'58	1.32604 AU
asc. node	-4773 Mar 24 j 07:50	26°♒21'17	
	-4773 Mar 25 j 23:51	0°♓	
evening rise	-4773 Mar 30 j 19:37	10°♓21'17	
	-4773 Apr 10 j 00:18	0°♈	
evening max el	-4773 Apr 27 j 20:22	24°♈20'43	25°53'14
	-4773 May 05 j 13:19	0°♉	
desc. node	-4773 May 06 j 08:50	0°♉22'27	
retrograde	-4773 May 11 j 22:34	1°♉36'02	
evening set	-4773 May 17 j 19:08	0°♉13'04	
	-4773 May 18 j 06:04	30°℞♈	
min. Earth dist.	-4773 May 22 j 08:56	27°♈28'38	0.58684 AU
inferior conj	-4773 May 25 j 16:47	25°♈01'33	-4°-2'-19
minimum elong	-4773 May 25 j 13:59	25°♈06'46	4°01'58
morning rise	-4773 Jun 02 j 12:45	20°♈36'11	
direct	-4773 Jun 04 j 23:56	20°♈16'02	
morning max el	-4773 Jun 13 j 00:22	24°♈03'59	18°37'09

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4773 Jun	17 j 23:05	0°♉			morning max el	-4772 May	26 j 00:12	6°♈43'34	19°27'31
asc. node	-4773 Jun	20 j 07:39	3°♉36'13			asc. node	-4772 Jun	06 j 04:40	22°♈32'04	
morning set	-4773 Jun	29 j 06:26	19°♉53'44				-4772 Jun	10 j 03:29	0°♉	
	-4773 Jul	04 j 11:52	0°♊			morning set	-4772 Jun	12 j 05:42	4°♉08'06	
superior conj	-4773 Jul	08 j 05:53	7°♊07'06	1°49'25		superior conj	-4772 Jun	20 j 11:00	20°♉32'11	1°44'39
minimum elong	-4773 Jul	08 j 05:52	7°♊06'57	1°49'39		minimum elong	-4772 Jun	20 j 09:12	20°♉23'23	1°44'44
max. Earth dist.	-4773 Jul	15 j 09:24	20°♊05'30	1.39595 AU			-4772 Jun	25 j 09:26	0°♊	
evening rise	-4773 Jul	19 j 15:26	27°♊24'50			max. Earth dist.	-4772 Jun	26 j 11:09	1°♊59'42	1.37674 AU
	-4773 Jul	21 j 04:28	0°♋			evening rise	-4772 Jun	30 j 09:00	9°♊05'15	
desc. node	-4773 Aug	02 j 07:33	19°♋07'44				-4772 Jul	12 j 23:31	0°♋	
	-4773 Aug	09 j 20:38	0°♌			desc. node	-4772 Jul	19 j 04:36	9°♋17'01	
evening max el	-4773 Aug	23 j 18:24	17°♌05'11	23°52'08			-4772 Aug	04 j 15:27	0°♌	
retrograde	-4773 Sep	03 j 13:06	23°♌26'36			evening max el	-4772 Aug	05 j 04:55	0°♌33'41	25°09'56
evening set	-4773 Sep	08 j 17:40	21°♌15'49			retrograde	-4772 Aug	17 j 00:45	7°♌26'27	
min. Earth dist.	-4773 Sep	13 j 14:38	15°♌34'10	0.67323 AU		evening set	-4772 Aug	22 j 20:27	4°♌57'20	
inferior conj	-4773 Sep	14 j 01:58	14°♌55'36	0°-44'-45			-4772 Aug	27 j 05:46	30°℞♋	
minimum elong	-4773 Sep	14 j 03:00	14°♌52'04	0°44'09		min. Earth dist.	-4772 Aug	27 j 08:14	29°♋51'57	0.66946 AU
asc. node	-4773 Sep	16 j 06:50	12°♌01'22			inferior conj	-4772 Aug	28 j 06:32	28°♋38'40	-1°-36'-48
morning rise	-4773 Sep	19 j 12:30	8°♌44'12			minimum elong	-4772 Aug	28 j 08:44	28°♋31'27	1°35'44
direct	-4773 Sep	23 j 10:44	7°♌16'55			asc. node	-4772 Sep	02 j 03:58	23°♋07'27	
morning max el	-4773 Oct	01 j 18:51	12°♌11'22	20°56'12		morning rise	-4772 Sep	02 j 21:28	22°♋35'14	
greatest brilliancy	-4773 Oct	07 j 13:39	19°♌00'41	-0.5m		direct	-4772 Sep	06 j 08:31	21°♋25'51	
	-4773 Oct	15 j 11:29	0°♍			morning max el	-4772 Sep	13 j 20:11	25°♋45'27	19°48'33
desc. node	-4773 Oct	29 j 07:25	20°♍49'01				-4772 Sep	17 j 12:21	0°♌	
morning set	-4773 Oct	31 j 05:19	23°♍47'21			greatest brilliancy	-4772 Sep	21 j 20:17	5°♌50'40	-0.6m
	-4773 Nov	04 j 04:04	0°♎				-4772 Oct	07 j 20:25	0°♍	
max. Earth dist.	-4773 Nov	09 j 01:31	7°♎51'24	1.42813 AU		morning set	-4772 Oct	09 j 04:33	2°♍04'35	
						desc. node	-4772 Oct	15 j 04:18	11°♍24'59	
superior conj	-4773 Nov	15 j 19:29	19°♎01'52	-1°-35'-49		max. Earth dist.	-4772 Oct	21 j 13:38	21°♍29'59	1.44106 AU
minimum elong	-4773 Nov	15 j 14:02	18°♎38'51	1°35'29						
	-4773 Nov	22 j 04:36	0°♏			superior conj	-4772 Oct	25 j 21:44	28°♍26'57	-1°-4'-20
evening rise	-4773 Nov	27 j 15:44	9°♏39'45			minimum elong	-4772 Oct	25 j 15:10	28°♍00'29	1°03'36
	-4773 Dec	09 j 14:30	0°♐				-4772 Oct	26 j 20:45	0°♎	
asc. node	-4773 Dec	13 j 05:32	4°♐49'40			evening rise	-4772 Nov	08 j 16:38	21°♎17'22	
evening max el	-4773 Dec	14 j 13:19	6°♐15'32	18°07'53			-4772 Nov	13 j 19:57	0°♏	
retrograde	-4773 Dec	21 j 05:06	9°♐44'13			evening max el	-4772 Nov	27 j 02:03	19°♏33'56	18°18'59
evening set	-4773 Dec	23 j 20:44	9°♐10'48			asc. node	-4772 Nov	29 j 02:40	21°♏22'11	
inferior conj	-4773 Dec	30 j 11:14	4°♐02'56	4°00'10		retrograde	-4772 Dec	03 j 15:39	23°♏08'29	
minimum elong	-4773 Dec	30 j 09:31	4°♐07'11	3°59'48		evening set	-4772 Dec	06 j 10:56	22°♏26'44	
min. Earth dist.	-4772 Jan	02 j 08:19	1°♐11'47	0.61946 AU		inferior conj	-4772 Dec	12 j 15:49	16°♏59'11	3°37'34
	-4772 Jan	03 j 15:27	30°℞♏			minimum elong	-4772 Dec	12 j 12:51	17°♏07'25	3°36'51
morning rise	-4772 Jan	05 j 20:09	28°♏14'22			min. Earth dist.	-4772 Dec	14 j 22:56	14°♏26'10	0.63683 AU
direct	-4772 Jan	12 j 21:12	25°♏42'59			morning rise	-4772 Dec	18 j 13:13	10°♏59'15	
	-4772 Jan	22 j 23:50	0°♐			direct	-4772 Dec	25 j 13:07	8°♏11'36	
desc. node	-4772 Jan	25 j 07:17	1°♐56'44			morning max el	-4771 Jan	08 j 04:32	15°♏54'24	27°33'20
morning max el	-4772 Jan	26 j 20:41	3°♐24'46	27°40'09		desc. node	-4771 Jan	11 j 04:18	19°♏02'52	
	-4772 Feb	15 j 14:52	0°♑				-4771 Jan	19 j 21:07	0°♐	
morning set	-4772 Feb	28 j 20:41	24°♑29'44				-4771 Feb	07 j 06:20	0°♑	
	-4772 Mar	02 j 12:28	0°♒			morning set	-4771 Feb	11 j 18:47	8°♑42'45	
max. Earth dist.	-4772 Mar	05 j 19:29	7°♒01'23	1.32829 AU		max. Earth dist.	-4771 Feb	17 j 00:20	19°♑25'06	1.33433 AU
superior conj	-4772 Mar	07 j 05:47	10°♒06'59	0°-30'-18		superior conj	-4771 Feb	19 j 13:32	24°♑49'29	0°-54'-19
minimum elong	-4772 Mar	07 j 07:07	10°♒14'16	0°30'14		minimum elong	-4771 Feb	19 j 15:50	25°♑01'44	0°54'10
asc. node	-4772 Mar	10 j 04:49	16°♒33'15				-4771 Feb	21 j 23:27	0°♒	
evening rise	-4772 Mar	14 j 06:58	25°♒19'26			asc. node	-4771 Feb	25 j 01:49	6°♒38'26	
	-4772 Mar	16 j 13:05	0°♓			evening rise	-4771 Feb	26 j 18:25	10°♒13'05	
	-4772 Apr	03 j 16:55	0°♈				-4771 Mar	09 j 02:58	0°♓	
evening max el	-4772 Apr	08 j 13:25	5°♈17'38	24°29'33		evening max el	-4771 Mar	21 j 05:54	16°♓01'11	22°55'46
retrograde	-4772 Apr	22 j 11:35	12°♈18'55			retrograde	-4771 Apr	03 j 12:06	22°♓31'39	
desc. node	-4772 Apr	22 j 06:00	12°♈18'47			evening set	-4771 Apr	06 j 20:18	22°♓07'13	
evening set	-4772 Apr	27 j 01:54	11°♈31'13			desc. node	-4771 Apr	09 j 03:10	21°♓24'23	
min. Earth dist.	-4772 May	03 j 01:24	8°♈30'31	0.56867 AU		min. Earth dist.	-4771 Apr	14 j 16:10	18°♓38'20	0.55609 AU
inferior conj	-4772 May	05 j 18:54	6°♈45'30	-3°-16'-28		inferior conj	-4771 Apr	16 j 02:09	17°♓49'03	-1°-51'-20
minimum elong	-4772 May	05 j 13:26	6°♈54'19	3°15'16		minimum elong	-4771 Apr	15 j 21:30	17°♓55'48	1°49'58
morning rise	-4772 May	14 j 05:08	2°♈38'57			morning rise	-4771 Apr	25 j 01:26	13°♓51'21	
direct	-4772 May	16 j 15:41	2°♈22'33			direct	-4771 Apr	27 j 13:33	13°♓36'25	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4771 May 08 j 13:55	18°♓45'06	20°37'48
	-4771 May 17 j 09:32	0°♈	
asc. node	-4771 May 24 j 01:38	11°♈56'18	
morning set	-4771 May 27 j 11:18	18°♈44'46	
	-4771 Jun 01 j 22:15	0°♉	
superior conj	-4771 Jun 04 j 03:59	4°♉35'25	1°32'52
minimum elong	-4771 Jun 04 j 01:22	4°♉22'06	1°32'43
max. Earth dist.	-4771 Jun 08 j 17:59	13°♉44'48	1.35967 AU
evening rise	-4771 Jun 13 j 00:00	21°♉51'26	
	-4771 Jun 17 j 11:56	0°♊	
desc. node	-4771 Jul 06 j 01:40	29°♊03'18	
	-4771 Jul 06 j 18:22	0°♋	
evening max el	-4771 Jul 18 j 15:39	14°♋03'57	26°16'38
retrograde	-4771 Jul 31 j 07:47	21°♋17'09	
evening set	-4771 Aug 06 j 17:39	18°♋34'47	
min. Earth dist.	-4771 Aug 10 j 21:05	14°♋07'48	0.66228 AU
inferior conj	-4771 Aug 12 j 07:28	12°♋21'00	-2°-25'-52
minimum elong	-4771 Aug 12 j 10:36	12°♋11'17	2°24'34
morning rise	-4771 Aug 18 j 04:22	6°♋28'42	
asc. node	-4771 Aug 20 j 01:04	5°♋42'33	
direct	-4771 Aug 21 j 06:35	5°♋33'54	
morning max el	-4771 Aug 28 j 03:58	9°♋26'52	18°55'31
	-4771 Sep 11 j 18:03	0°♌	
morning set	-4771 Sep 18 j 19:43	11°♌12'23	
	-4771 Sep 30 j 17:02	0°♍	
desc. node	-4771 Oct 02 j 01:13	2°♍06'46	
max. Earth dist.	-4771 Oct 04 j 06:03	5°♍35'01	1.44749 AU
superior conj	-4771 Oct 05 j 01:56	6°♍53'24	0°-19'-1
minimum elong	-4771 Oct 04 j 23:28	6°♍43'40	0°18'35
	-4771 Oct 19 j 14:05	0°♎	
evening rise	-4771 Oct 20 j 18:10	1°♎53'22	
	-4771 Nov 07 j 23:46	0°♏	
evening max el	-4771 Nov 10 j 13:46	2°♏58'38	18°48'03
asc. node	-4771 Nov 15 j 23:47	6°♏37'52	
retrograde	-4771 Nov 17 j 08:34	6°♏48'16	
evening set	-4771 Nov 20 j 09:19	5°♏56'00	
inferior conj	-4771 Nov 26 j 06:38	0°♏11'28	3°02'35
minimum elong	-4771 Nov 26 j 03:23	0°♏21'18	3°01'35
	-4771 Nov 26 j 10:24	30°℞♎	
min. Earth dist.	-4771 Nov 27 j 23:19	28°♎08'01	0.65100 AU
morning rise	-4771 Dec 01 j 20:22	24°♎03'10	
direct	-4771 Dec 08 j 11:40	21°♎14'07	
morning max el	-4771 Dec 21 j 14:04	28°♎48'59	26°54'10
	-4771 Dec 22 j 17:55	0°♏	
desc. node	-4771 Dec 29 j 01:17	7°♏18'11	
	-4770 Jan 13 j 16:13	0°♐	
morning set	-4770 Jan 26 j 06:40	22°♐20'14	
	-4770 Jan 30 j 04:24	0°♑	
max. Earth dist.	-4770 Jan 30 j 19:11	1°♑14'16	1.34464 AU
superior conj	-4770 Feb 03 j 16:23	9°♑12'35	-1°-16'-25
minimum elong	-4770 Feb 03 j 19:17	9°♑27'47	1°16'16
evening rise	-4770 Feb 11 j 04:13	24°♑56'22	
asc. node	-4770 Feb 11 j 22:48	26°♑32'27	
	-4770 Feb 13 j 15:35	0°♒	
evening max el	-4770 Mar 03 j 04:03	26°♒58'26	21°25'19
	-4770 Mar 06 j 22:16	0°♓	
retrograde	-4770 Mar 15 j 02:41	2°♓41'21	
evening set	-4770 Mar 17 j 16:27	2°♓26'19	
	-4770 Mar 24 j 02:22	30°℞♒	
inferior conj	-4770 Mar 26 j 22:23	28°♒26'25	0°01'20
minimum elong	-4770 Mar 26 j 22:26	28°♒26'21	0°01'10
transit middle	-4770 Mar 26 j 22:26	28°♒26'21	0°01'10
transit begin	-4770 Mar 26 j 18:20	28°♒32'07	
transit end	-4770 Mar 27 j 02:32	28°♒20'34	
desc. node	-4770 Mar 27 j 00:19	28°♒23'41	
min. Earth dist.	-4770 Mar 27 j 06:28	28°♒15'01	0.55196 AU
morning rise	-4770 Apr 05 j 04:13	24°♒21'33	
direct	-4770 Apr 08 j 02:24	24°♒02'44	
morning max el	-4770 Apr 20 j 16:39	0°♓04'47	22°05'16
	-4770 Apr 20 j 14:37	0°♓	
	-4770 May 10 j 02:44	0°♈	
asc. node	-4770 May 10 j 22:34	1°♈41'13	
morning set	-4770 May 11 j 20:57	3°♈36'40	
superior conj	-4770 May 19 j 05:13	19°♈05'20	1°16'03
minimum elong	-4770 May 19 j 02:32	18°♈51'14	1°15'44
max. Earth dist.	-4770 May 22 j 10:33	25°♈46'42	1.34599 AU
	-4770 May 24 j 12:34	0°♉	
evening rise	-4770 May 27 j 06:59	5°♉27'19	
	-4770 Jun 10 j 04:59	0°♊	
desc. node	-4770 Jun 22 j 22:47	18°♊16'04	
evening max el	-4770 Jul 01 j 03:04	27°♊28'20	27°04'01
	-4770 Jul 03 j 22:28	0°♋	
retrograde	-4770 Jul 14 j 09:29	4°♋50'52	
evening set	-4770 Jul 21 j 06:40	2°♋03'47	
	-4770 Jul 23 j 12:04	30°℞♊	
min. Earth dist.	-4770 Jul 25 j 02:47	28°♊15'17	0.65141 AU
inferior conj	-4770 Jul 27 j 02:36	25°♊58'02	-3°-9'-47
minimum elong	-4770 Jul 27 j 06:12	25°♊47'41	3°08'35
morning rise	-4770 Aug 02 j 07:00	20°♊20'14	
direct	-4770 Aug 05 j 02:46	19°♊36'49	
asc. node	-4770 Aug 06 j 22:08	19°♊54'26	
morning max el	-4770 Aug 11 j 16:19	23°♊11'27	18°18'53
	-4770 Aug 17 j 02:16	0°♋	
morning set	-4770 Aug 30 j 13:30	21°♋37'30	
	-4770 Sep 04 j 15:47	0°♌	
superior conj	-4770 Sep 14 j 02:53	15°♌14'44	0°30'00
minimum elong	-4770 Sep 14 j 06:32	15°♌29'17	0°29'43
max. Earth dist.	-4770 Sep 17 j 00:06	19°♌49'11	1.44665 AU
desc. node	-4770 Sep 18 j 22:07	22°♌50'45	
	-4770 Sep 23 j 11:25	0°♍	
evening rise	-4770 Sep 30 j 18:36	11°♍24'43	
	-4770 Oct 12 j 18:40	0°♎	
greatest brilliancy	-4770 Oct 16 j 04:26	5°♎05'17	-0.7m
evening max el	-4770 Oct 24 j 22:03	16°♎25'36	19°33'45
retrograde	-4770 Nov 01 j 04:49	20°♎38'41	
asc. node	-4770 Nov 02 j 20:55	20°♎22'29	
evening set	-4770 Nov 04 j 13:08	19°♎33'20	
inferior conj	-4770 Nov 10 j 04:41	13°♎34'49	2°19'22
minimum elong	-4770 Nov 10 j 01:51	13°♎44'01	2°18'21
min. Earth dist.	-4770 Nov 11 j 08:01	12°♎06'13	0.66158 AU
morning rise	-4770 Nov 15 j 13:48	7°♎20'41	
direct	-4770 Nov 21 j 15:59	4°♎42'07	
morning max el	-4770 Dec 03 j 23:21	11°♎57'12	25°50'08
desc. node	-4770 Dec 15 j 22:14	26°♎22'12	
	-4770 Dec 18 j 12:48	0°♏	
	-4769 Jan 06 j 07:36	0°♐	
morning set	-4769 Jan 09 j 04:00	5°♐09'04	
max. Earth dist.	-4769 Jan 13 j 02:32	12°♐32'40	1.35940 AU
superior conj	-4769 Jan 18 j 11:46	23°♐08'35	-1°-35'-5
minimum elong	-4769 Jan 18 j 14:43	23°♐23'25	1°35'03
	-4769 Jan 21 j 20:38	0°♑	
evening rise	-4769 Jan 26 j 10:30	9°♑23'21	
asc. node	-4769 Jan 29 j 19:50	16°♑10'13	
	-4769 Feb 06 j 16:19	0°♒	
evening max el	-4769 Feb 13 j 11:50	8°♒27'01	20°07'59
retrograde	-4769 Feb 23 j 18:23	13°♒18'56	
evening set	-4769 Feb 26 j 02:50	13°♒04'45	
inferior conj	-4769 Mar 06 j 21:14	9°♒05'08	1°51'39

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4769 Mar 07 j 01:38	8°♒58'30	1°50'06
min. Earth dist.	-4769 Mar 08 j 20:33	7°♒54'01	0.55710 AU
desc. node	-4769 Mar 13 j 21:28	5°♒18'35	
morning rise	-4769 Mar 15 j 21:46	4°♒37'26	
direct	-4769 Mar 19 j 18:20	4°♒04'46	
morning max el	-4769 Apr 02 j 10:46	10°♒51'46	23°43'06
	-4769 Apr 16 j 16:14	0°♓	
morning set	-4769 Apr 26 j 08:48	18°♓38'06	
asc. node	-4769 Apr 27 j 19:31	21°♓41'11	
	-4769 May 01 j 16:32	0°♈	
superior conj	-4769 May 03 j 12:00	3°♈53'49	0°55'43
minimum elong	-4769 May 03 j 09:47	3°♈41'54	0°55'19
max. Earth dist.	-4769 May 05 j 13:03	8°♈15'38	1.33600 AU
evening rise	-4769 May 11 j 01:26	19°♈39'31	
	-4769 May 16 j 10:07	0°♉	
	-4769 Jun 04 j 08:08	0°♊	
desc. node	-4769 Jun 09 j 19:55	6°♊41'16	
evening max el	-4769 Jun 13 j 13:41	10°♊35'12	27°24'52
retrograde	-4769 Jun 27 j 05:20	17°♊59'55	
evening set	-4769 Jul 04 j 08:25	15°♊19'53	
min. Earth dist.	-4769 Jul 07 j 23:27	12°♊05'46	0.63677 AU
inferior conj	-4769 Jul 10 j 13:24	9°♊25'01	-3°-45'-34
minimum elong	-4769 Jul 10 j 16:43	9°♊16'23	3°44'46
morning rise	-4769 Jul 17 j 02:52	4°♊04'58	
direct	-4769 Jul 19 j 18:18	3°♊30'17	
asc. node	-4769 Jul 24 j 19:12	5°♊34'55	
morning max el	-4769 Jul 26 j 06:54	6°♊55'10	17°59'43
	-4769 Aug 10 j 11:44	0°♋	
morning set	-4769 Aug 12 j 08:54	3°♋15'37	
superior conj	-4769 Aug 24 j 22:10	24°♋32'02	1°10'24
minimum elong	-4769 Aug 25 j 04:07	24°♋56'31	1°09'59
	-4769 Aug 28 j 06:30	0°♌	
max. Earth dist.	-4769 Aug 30 j 16:23	3°♌53'08	1.43874 AU
desc. node	-4769 Sep 05 j 19:04	13°♌34'04	
evening rise	-4769 Sep 10 j 00:53	20°♌10'08	
	-4769 Sep 16 j 10:51	0°♍	
greatest brilliancy	-4769 Oct 01 j 20:24	22°♍24'55	-0.5m
evening max el	-4769 Oct 08 j 00:56	29°♍52'00	20°34'04
	-4769 Oct 08 j 04:04	0°♎	
retrograde	-4769 Oct 16 j 01:59	4°♎36'29	
evening set	-4769 Oct 19 j 20:07	3°♎15'17	
asc. node	-4769 Oct 20 j 18:05	2°♎30'51	
	-4769 Oct 23 j 02:21	30°℞♍	
inferior conj	-4769 Oct 25 j 07:33	27°♍06'05	1°30'48
minimum elong	-4769 Oct 25 j 05:34	27°♍12'50	1°30'02
min. Earth dist.	-4769 Oct 25 j 23:03	26°♍13'41	0.66875 AU
morning rise	-4769 Oct 30 j 14:32	20°♍48'46	
direct	-4769 Nov 05 j 01:31	18°♍27'56	
morning max el	-4769 Nov 16 j 08:10	25°♍11'00	24°30'16
	-4769 Nov 20 j 17:19	0°♎	
desc. node	-4769 Dec 02 j 19:10	16°♎00'29	
	-4769 Dec 12 j 01:16	0°♏	
morning set	-4769 Dec 22 j 05:05	16°♏53'01	
max. Earth dist.	-4769 Dec 26 j 01:02	23°♏42'05	1.37800 AU
	-4769 Dec 29 j 10:59	0°♐	
superior conj	-4768 Jan 01 j 20:18	6°♐26'55	-1°-48'-16
minimum elong	-4768 Jan 01 j 22:20	6°♐36'44	1°48'24
evening rise	-4768 Jan 10 j 11:03	23°♐26'51	
	-4768 Jan 13 j 19:25	0°♑	
asc. node	-4768 Jan 16 j 16:54	5°♑24'46	
evening max el	-4768 Jan 27 j 05:52	20°♑30'10	19°08'43
retrograde	-4768 Feb 04 j 23:21	24°♑40'17	
evening set	-4768 Feb 07 j 08:42	24°♑22'54	
inferior conj	-4768 Feb 15 j 10:53	20°♑09'45	3°12'17
minimum elong	-4768 Feb 15 j 15:42	20°♑01'26	3°11'01
min. Earth dist.	-4768 Feb 18 j 11:30	18°♑05'34	0.57021 AU
morning rise	-4768 Feb 23 j 19:02	15°♑12'25	
direct	-4768 Feb 28 j 21:22	14°♑11'45	
desc. node	-4768 Feb 28 j 18:35	14°♑11'47	
morning max el	-4768 Mar 14 j 01:43	21°♑28'09	25°19'09
	-4768 Mar 21 j 11:48	0°♒	
	-4768 Apr 08 j 02:19	0°♓	
morning set	-4768 Apr 09 j 21:05	3°♓41'38	
asc. node	-4768 Apr 13 j 16:29	11°♓50'10	
superior conj	-4768 Apr 16 j 22:08	18°♓52'29	0°32'59
minimum elong	-4768 Apr 16 j 20:44	18°♓44'49	0°32'39
max. Earth dist.	-4768 Apr 17 j 22:34	21°♓05'12	1.32949 AU
	-4768 Apr 22 j 02:31	0°♈	
evening rise	-4768 Apr 24 j 03:44	4°♈15'32	
	-4768 May 08 j 03:54	0°♉	
evening max el	-4768 May 25 j 20:56	23°♉11'04	27°14'22
desc. node	-4768 May 26 j 17:04	23°♉58'15	
	-4768 Jun 05 j 03:42	0°♊	
retrograde	-4768 Jun 08 j 18:50	0°♊34'52	
	-4768 Jun 12 j 07:11	30°℞♉	
evening set	-4768 Jun 15 j 19:05	28°♉15'55	
min. Earth dist.	-4768 Jun 19 j 10:11	25°♉25'57	0.61865 AU
inferior conj	-4768 Jun 22 j 12:45	22°♉34'32	-4°-8'-46
minimum elong	-4768 Jun 22 j 14:38	22°♉30'10	4°08'27
morning rise	-4768 Jun 29 j 12:50	17°♉35'04	
direct	-4768 Jul 02 j 01:42	17°♉07'09	
morning max el	-4768 Jul 08 j 21:04	20°♉31'54	17°58'59
asc. node	-4768 Jul 10 j 16:15	22°♉28'30	
	-4768 Jul 15 j 23:29	0°♊	
morning set	-4768 Jul 25 j 00:48	15°♊52'41	
	-4768 Aug 01 j 21:34	0°♋	
superior conj	-4768 Aug 04 j 20:59	5°♋11'30	1°36'15
minimum elong	-4768 Aug 05 j 01:15	5°♋29'55	1°36'12
max. Earth dist.	-4768 Aug 12 j 03:39	17°♋27'35	1.42484 AU
evening rise	-4768 Aug 19 j 06:54	28°♋56'38	
	-4768 Aug 19 j 23:01	0°♌	
desc. node	-4768 Aug 22 j 16:04	4°♌13'30	
	-4768 Sep 09 j 03:58	0°♍	
greatest brilliancy	-4768 Sep 14 j 23:40	7°♍40'29	-0.4m
evening max el	-4768 Sep 19 j 21:28	13°♍17'00	21°46'10
retrograde	-4768 Sep 28 j 22:12	18°♍38'50	
evening set	-4768 Oct 03 j 04:15	16°♍59'26	
asc. node	-4768 Oct 06 j 15:14	13°♍18'10	
inferior conj	-4768 Oct 08 j 13:12	10°♍43'08	0°39'02
minimum elong	-4768 Oct 08 j 12:18	10°♍46'13	0°38'45
min. Earth dist.	-4768 Oct 08 j 18:02	10°♍26'26	0.67277 AU
morning rise	-4768 Oct 13 j 20:07	4°♍25'27	
direct	-4768 Oct 18 j 15:49	2°♍25'33	
morning max el	-4768 Oct 28 j 18:17	8°♍27'41	23°04'13
greatest brilliancy	-4768 Nov 02 j 18:28	14°♍06'00	-0.3m
	-4768 Nov 14 j 13:20	0°♎	
desc. node	-4768 Nov 18 j 16:06	6°♎03'10	
morning set	-4768 Dec 02 j 04:03	27°♎17'56	
	-4768 Dec 03 j 18:55	0°♏	
max. Earth dist.	-4768 Dec 06 j 21:21	5°♏16'28	1.39853 AU
superior conj	-4768 Dec 14 j 13:35	18°♏56'12	-1°-53'-13
minimum elong	-4768 Dec 14 j 13:26	18°♏55'29	1°53'24
	-4768 Dec 20 j 11:16	0°♐	
evening rise	-4768 Dec 24 j 03:10	7°♐00'15	
asc. node	-4767 Jan 02 j 14:00	24°♐08'26	
	-4767 Jan 06 j 14:56	0°♑	
evening max el	-4767 Jan 09 j 08:42	3°♑04'30	18°29'23
retrograde	-4767 Jan 16 j 22:31	6°♑47'13	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4767 Jan 19 j 10:09	6°♉24'32		
inferior conj	-4767 Jan 26 j 20:39	1°♉51'25	3°54'52	
minimum elong	-4767 Jan 26 j 23:01	1°♉46'41	3°54'23	
	-4767 Jan 29 j 04:10	30°℞♐		
min. Earth dist.	-4767 Jan 30 j 05:36	29°♐10'35	0.58845 AU	
morning rise	-4767 Feb 03 j 08:25	26°♐28'57		
direct	-4767 Feb 09 j 13:34	24°♐49'45		
desc. node	-4767 Feb 14 j 15:42	25°♐53'38		
	-4767 Feb 21 j 04:29	0°♉		
morning max el	-4767 Feb 23 j 19:29	2°♉21'53	26°38'10	
	-4767 Mar 15 j 16:25	0°♒		
morning set	-4767 Mar 25 j 08:03	18°♒40'46		
	-4767 Mar 30 j 14:50	0°♓		
asc. node	-4767 Mar 31 j 13:28	2°♓03'40		
superior conj	-4767 Apr 01 j 09:47	3°♓54'47	0°08'48	
minimum elong	-4767 Apr 01 j 09:24	3°♓52'41	0°08'36	
behind sun begin	-4767 Apr 01 j 05:11	3°♓29'37		
behind sun end	-4767 Apr 01 j 13:37	4°♓15'45		
max. Earth dist.	-4767 Apr 01 j 11:37	4°♓04'49	1.32632 AU	
evening rise	-4767 Apr 08 j 11:12	19°♓06'15		
	-4767 Apr 13 j 21:49	0°♈		
	-4767 May 03 j 04:05	0°♉		
evening max el	-4767 May 07 j 22:47	5°♉07'17	26°31'18	
desc. node	-4767 May 13 j 14:14	9°♉38'54		
retrograde	-4767 May 22 j 00:44	12°♉27'33		
evening set	-4767 May 28 j 10:38	10°♉42'22		
min. Earth dist.	-4767 Jun 01 j 11:59	8°♉00'36	0.59843 AU	
inferior conj	-4767 Jun 04 j 21:03	5°♉18'05	-4°-12'-34	
minimum elong	-4767 Jun 04 j 20:12	5°♉19'49	4°12'25	
morning rise	-4767 Jun 12 j 09:20	0°♉40'26		
direct	-4767 Jun 14 j 20:47	0°♉17'53		
morning max el	-4767 Jun 22 j 07:57	3°♉53'53	18°17'29	
asc. node	-4767 Jun 27 j 13:17	10°♉19'46		
morning set	-4767 Jul 08 j 08:04	29°♉15'31		
	-4767 Jul 08 j 17:27	0°♊		
superior conj	-4767 Jul 17 j 21:15	17°♊07'17	1°48'00	
minimum elong	-4767 Jul 17 j 22:40	17°♊13'42	1°48'12	
	-4767 Jul 25 j 04:15	0°♋		
max. Earth dist.	-4767 Jul 25 j 08:48	0°♋19'27	1.40699 AU	
evening rise	-4767 Jul 30 j 07:32	8°♋36'38		
desc. node	-4767 Aug 09 j 13:04	24°♋44'59		
	-4767 Aug 13 j 01:12	0°♌		
greatest brilliancy	-4767 Aug 28 j 04:29	20°♌42'58	-0.2m	
evening max el	-4767 Sep 02 j 12:20	26°♌41'39	23°05'39	
	-4767 Sep 06 j 05:21	0°♍		
retrograde	-4767 Sep 12 j 15:51	2°♍42'31		
evening set	-4767 Sep 17 j 11:43	0°♍43'24		
	-4767 Sep 18 j 06:56	30°℞♌		
inferior conj	-4767 Sep 22 j 19:47	24°♌23'35	0°-14'-9	
minimum elong	-4767 Sep 22 j 20:06	24°♌22'29	0°13'52	
transit middle	-4767 Sep 22 j 20:06	24°♌22'29	0°13'52	
transit begin	-4767 Sep 22 j 18:40	24°♌27'25		
transit end	-4767 Sep 22 j 21:32	24°♌17'33		
min. Earth dist.	-4767 Sep 22 j 14:27	24°♌41'57	0.67386 AU	
asc. node	-4767 Sep 23 j 12:24	23°♌26'32		
morning rise	-4767 Sep 28 j 04:28	18°♌08'46		
direct	-4767 Oct 02 j 10:02	16°♌29'55		
morning max el	-4767 Oct 11 j 08:36	21°♌48'23	21°40'31	
greatest brilliancy	-4767 Oct 16 j 09:54	27°♌36'49	-0.4m	
	-4767 Oct 18 j 06:36	0°♍		
desc. node	-4767 Nov 05 j 13:00	26°♍22'34		
	-4767 Nov 07 j 21:24	0°♎		
morning set	-4767 Nov 11 j 22:36	6°♎21'13		
max. Earth dist.	-4767 Nov 18 j 22:03	17°♎38'59	1.41825 AU	
superior conj	-4767 Nov 26 j 10:02	0°♏22'03	-1°-46'-27	
minimum elong	-4767 Nov 26 j 06:31	0°♏06'45	1°46'24	
	-4767 Nov 26 j 04:58	0°♏		
evening rise	-4767 Dec 07 j 07:23	19°♏55'18		
	-4767 Dec 12 j 20:41	0°♐		
asc. node	-4767 Dec 20 j 11:06	12°♐11'12		
evening max el	-4767 Dec 23 j 17:41	16°♐02'07	18°10'10	
retrograde	-4767 Dec 30 j 14:33	19°♐31'57		
evening set	-4766 Jan 02 j 04:40	19°♐02'44		
inferior conj	-4766 Jan 09 j 01:45	14°♐07'37	4°05'11	
minimum elong	-4766 Jan 09 j 01:17	14°♐08'42	4°04'57	
min. Earth dist.	-4766 Jan 12 j 05:36	11°♐13'36	0.60840 AU	
morning rise	-4766 Jan 15 j 19:17	8°♐27'18		
direct	-4766 Jan 22 j 16:43	6°♐11'29		
desc. node	-4766 Feb 01 j 12:46	10°♐09'24		
morning max el	-4766 Feb 05 j 19:05	13°♐51'02	27°27'40	
	-4766 Feb 18 j 19:07	0°♉		
	-4766 Mar 07 j 22:54	0°♒		
morning set	-4766 Mar 09 j 15:51	3°♒28'39		
max. Earth dist.	-4766 Mar 16 j 00:32	17°♒01'31	1.32654 AU	
superior conj	-4766 Mar 16 j 21:17	18°♒54'41	0°-16'-2	
minimum elong	-4766 Mar 16 j 22:01	18°♒58'37	0°16'04	
asc. node	-4766 Mar 18 j 10:27	22°♒17'36		
	-4766 Mar 21 j 23:44	0°♓		
evening rise	-4766 Mar 23 j 21:41	4°♓04'02		
	-4766 Apr 06 j 21:40	0°♈		
evening max el	-4766 Apr 19 j 18:45	16°♈24'06	25°19'51	
desc. node	-4766 Apr 30 j 11:24	23°♈08'01		
retrograde	-4766 May 03 j 20:37	23°♈34'58		
evening set	-4766 May 09 j 04:47	22°♈28'16		
min. Earth dist.	-4766 May 14 j 07:17	19°♈38'12	0.57862 AU	
inferior conj	-4766 May 17 j 10:55	17°♈26'57	-3°-47'-38	
minimum elong	-4766 May 17 j 06:45	17°♈34'15	3°46'57	
morning rise	-4766 May 25 j 12:51	13°♈10'00		
direct	-4766 May 27 j 23:33	12°♈51'40		
morning max el	-4766 Jun 05 j 12:37	16°♈52'17	18°56'00	
asc. node	-4766 Jun 14 j 10:18	28°♈55'47		
	-4766 Jun 15 j 01:13	0°♉		
morning set	-4766 Jun 22 j 02:31	13°♉14'27		
superior conj	-4766 Jun 30 j 17:27	0°♊04'41	1°48'24	
minimum elong	-4766 Jun 30 j 16:33	0°♊00'23	1°48'35	
	-4766 Jun 30 j 16:29	0°♊		
max. Earth dist.	-4766 Jul 07 j 10:30	12°♊31'29	1.38766 AU	
evening rise	-4766 Jul 11 j 10:40	19°♊34'40		
	-4766 Jul 17 j 16:15	0°♋		
desc. node	-4766 Jul 27 j 10:05	15°♋04'19		
	-4766 Aug 07 j 04:55	0°♌		
evening max el	-4766 Aug 15 j 23:53	10°♌09'20	24°26'09	
retrograde	-4766 Aug 27 j 05:49	16°♌44'59		
evening set	-4766 Sep 01 j 16:44	14°♌26'20		
min. Earth dist.	-4766 Sep 06 j 09:48	8°♌59'33	0.67202 AU	
inferior conj	-4766 Sep 07 j 01:35	8°♌06'28	-1°-7'-5	
minimum elong	-4766 Sep 07 j 03:08	8°♌01'17	1°06'15	
asc. node	-4766 Sep 10 j 09:33	3°♌56'18		
morning rise	-4766 Sep 12 j 13:46	1°♌57'50		
direct	-4766 Sep 16 j 07:03	0°♌38'21		
morning max el	-4766 Sep 24 j 05:37	5°♌16'55	20°25'43	
greatest brilliancy	-4766 Sep 30 j 19:17	13°♌13'59	-0.5m	
	-4766 Oct 12 j 09:23	0°♍		
morning set	-4766 Oct 21 j 22:34	14°♍36'20		
desc. node	-4766 Oct 23 j 09:54	16°♍53'40		
	-4766 Oct 31 j 16:59	0°♎		
max. Earth dist.	-4766 Nov 01 j 06:25	0°♎53'58	1.43438 AU	
superior conj	-4766 Nov 07 j 04:18	10°♎32'08	-1°-24'-30	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4766 Nov 06 j 21:51	10°♎05'31	1°23'56
	-4766 Nov 18 j 15:10	0°♏	
evening rise	-4766 Nov 19 j 19:33	2°♏03'37	
evening max el	-4766 Dec 07 j 05:53	29°♏14'57	18°10'25
asc. node	-4766 Dec 07 j 08:13	29°♏20'49	
	-4766 Dec 08 j 00:39	0°♐	
retrograde	-4766 Dec 13 j 19:34	2°♐44'31	
evening set	-4766 Dec 16 j 12:42	2°♐07'38	
	-4766 Dec 19 j 17:19	30°℞♏	
inferior conj	-4766 Dec 22 j 22:50	26°♏51'09	3°52'24
minimum elong	-4766 Dec 22 j 20:28	26°♏57'21	3°51'54
min. Earth dist.	-4766 Dec 25 j 14:14	24°♏06'01	0.62724 AU
morning rise	-4766 Dec 29 j 02:22	20°♏57'42	
direct	-4765 Jan 05 j 04:14	18°♏17'28	
morning max el	-4765 Jan 19 j 00:22	25°♏59'43	27°41'33
desc. node	-4765 Jan 19 j 09:48	26°♏23'08	
	-4765 Jan 22 j 18:41	0°♐	
	-4765 Feb 12 j 06:12	0°♑	
morning set	-4765 Feb 21 j 18:14	17°♑56'54	
max. Earth dist.	-4765 Feb 27 j 09:33	29°♑41'34	1.33038 AU
	-4765 Feb 27 j 13:00	0°♒	
superior conj	-4765 Mar 01 j 06:55	3°♒45'22	0°-40'-38
minimum elong	-4765 Mar 01 j 08:42	3°♒54'56	0°40'31
asc. node	-4765 Mar 05 j 07:25	12°♒27'19	
evening rise	-4765 Mar 08 j 09:17	19°♒01'20	
	-4765 Mar 13 j 19:46	0°♓	
evening max el	-4765 Apr 01 j 11:03	27°♓12'58	23°50'08
	-4765 Apr 04 j 17:06	0°♈	
retrograde	-4765 Apr 15 j 03:58	4°♈02'39	
desc. node	-4765 Apr 17 j 08:35	3°♈51'53	
evening set	-4765 Apr 19 j 04:48	3°♈26'44	
min. Earth dist.	-4765 Apr 25 j 22:42	0°♈15'42	0.56249 AU
	-4765 Apr 26 j 09:08	30°℞♓	
inferior conj	-4765 Apr 28 j 04:37	28°♓53'32	-2°-45'00
minimum elong	-4765 Apr 27 j 22:56	29°♓02'13	2°43'33
morning rise	-4765 May 06 j 20:44	24°♓52'09	
direct	-4765 May 09 j 07:39	24°♓36'37	
morning max el	-4765 May 19 j 08:16	29°♓16'22	19°54'59
	-4765 May 20 j 02:21	0°♈	
asc. node	-4765 Jun 01 j 07:15	18°♈04'50	
morning set	-4765 Jun 06 j 04:49	27°♈39'38	
	-4765 Jun 07 j 08:35	0°♉	
superior conj	-4765 Jun 14 j 04:08	13°♉47'33	1°40'23
minimum elong	-4765 Jun 14 j 01:53	13°♉36'21	1°40'22
max. Earth dist.	-4765 Jun 19 j 14:08	24°♉20'19	1.36921 AU
	-4765 Jun 22 j 15:01	0°♊	
evening rise	-4765 Jun 23 j 14:04	1°♊45'06	
	-4765 Jul 10 j 18:49	0°♋	
desc. node	-4765 Jul 14 j 07:09	5°♋04'51	
evening max el	-4765 Jul 29 j 10:30	23°♋39'39	25°40'07
	-4765 Aug 07 j 05:00	0°♌	
retrograde	-4765 Aug 10 j 15:21	0°♌41'34	
	-4765 Aug 13 j 20:03	30°℞♋	
evening set	-4765 Aug 16 j 17:23	28°♋06'05	
min. Earth dist.	-4765 Aug 21 j 01:35	23°♋16'56	0.66692 AU
inferior conj	-4765 Aug 22 j 04:50	21°♋49'24	-1°-58'-5
minimum elong	-4765 Aug 22 j 07:27	21°♋40'57	1°56'53
morning rise	-4765 Aug 27 j 22:07	15°♋50'21	
asc. node	-4765 Aug 28 j 06:39	15°♋37'30	
direct	-4765 Aug 31 j 05:13	14°♋47'25	
morning max el	-4765 Sep 07 j 09:49	18°♋54'10	19°24'04
	-4765 Sep 16 j 00:18	0°♌	
greatest brilliancy	-4765 Sep 17 j 04:41	1°♌44'22	-0.7m
morning set	-4765 Oct 01 j 02:20	23°♌09'14	
	-4765 Oct 05 j 11:25	0°♍	
desc. node	-4765 Oct 10 j 06:48	7°♍32'28	
max. Earth dist.	-4765 Oct 14 j 21:18	14°♍48'13	1.44469 AU
superior conj	-4765 Oct 17 j 19:38	19°♍27'27	0°-46'-21
minimum elong	-4765 Oct 17 j 14:10	19°♍05'42	0°45'38
	-4765 Oct 24 j 09:02	0°♎	
evening rise	-4765 Nov 01 j 10:59	13°♎16'06	
	-4765 Nov 11 j 14:51	0°♏	
evening max el	-4765 Nov 20 j 18:30	12°♏36'38	18°29'15
asc. node	-4765 Nov 24 j 05:20	15°♏22'46	
retrograde	-4765 Nov 27 j 09:20	16°♏16'28	
evening set	-4765 Nov 30 j 06:47	15°♏30'22	
inferior conj	-4765 Dec 06 j 08:10	9°♏54'58	3°23'59
minimum elong	-4765 Dec 06 j 04:59	10°♏04'11	3°23'07
min. Earth dist.	-4765 Dec 08 j 08:57	7°♏33'53	0.64324 AU
morning rise	-4765 Dec 12 j 01:53	3°♏51'16	
direct	-4765 Dec 18 j 22:47	1°♏01'44	
morning max el	-4764 Jan 01 j 09:19	8°♏41'47	27°20'27
desc. node	-4764 Jan 06 j 06:48	14°♏01'42	
	-4764 Jan 18 j 01:53	0°♐	
	-4764 Feb 04 j 12:32	0°♑	
morning set	-4764 Feb 05 j 12:28	1°♑56'28	
max. Earth dist.	-4764 Feb 10 j 10:49	11°♑52'57	1.33819 AU
superior conj	-4764 Feb 13 j 12:52	18°♑20'41	-1°-4'00
minimum elong	-4764 Feb 13 j 15:29	18°♑34'31	1°03'49
	-4764 Feb 19 j 00:15	0°♒	
asc. node	-4764 Feb 20 j 04:25	2°♒28'43	
evening rise	-4764 Feb 20 j 20:17	3°♒51'53	
	-4764 Mar 06 j 10:24	0°♓	
evening max el	-4764 Mar 13 j 05:10	7°♓59'13	22°16'11
retrograde	-4764 Mar 25 j 23:22	14°♓11'06	
evening set	-4764 Mar 28 j 22:13	13°♓51'52	
desc. node	-4764 Apr 03 j 05:43	11°♓53'54	
min. Earth dist.	-4764 Apr 06 j 12:49	10°♓07'08	0.55327 AU
inferior conj	-4764 Apr 07 j 05:46	9°♓43'08	-1°-5'-29
minimum elong	-4764 Apr 07 j 02:48	9°♓47'20	1°04'36
morning rise	-4764 Apr 16 j 09:05	5°♓45'01	
direct	-4764 Apr 19 j 00:10	5°♓29'19	
morning max el	-4764 Apr 30 j 17:16	10°♓59'56	21°13'09
	-4764 May 14 j 04:41	0°♈	
asc. node	-4764 May 18 j 04:13	7°♈38'41	
morning set	-4764 May 20 j 12:24	12°♈23'46	
superior conj	-4764 May 28 j 01:02	28°♈03'27	1°26'15
minimum elong	-4764 May 27 j 22:19	27°♈49'24	1°26'02
	-4764 May 28 j 23:42	0°♉	
max. Earth dist.	-4764 Jun 01 j 01:00	6°♉10'58	1.35345 AU
evening rise	-4764 Jun 05 j 12:29	14°♉53'58	
	-4764 Jun 13 j 22:13	0°♊	
desc. node	-4764 Jun 30 j 04:15	24°♊38'14	
	-4764 Jul 04 j 09:38	0°♋	
evening max el	-4764 Jul 10 j 21:27	7°♋07'57	26°39'26
retrograde	-4764 Jul 23 j 20:05	14°♋26'08	
evening set	-4764 Jul 30 j 11:26	11°♋40'13	
min. Earth dist.	-4764 Aug 03 j 11:31	7°♋30'05	0.65820 AU
inferior conj	-4764 Aug 05 j 03:34	5°♋29'36	-2°-45'-15
minimum elong	-4764 Aug 05 j 06:58	5°♋19'22	2°43'58
	-4764 Aug 10 j 16:18	30°℞♊	
morning rise	-4764 Aug 11 j 03:30	29°♊43'23	
direct	-4764 Aug 14 j 02:42	28°♊53'50	
asc. node	-4764 Aug 14 j 03:44	28°♊53'50	
	-4764 Aug 17 j 15:16	0°♋	
morning max el	-4764 Aug 20 j 19:54	2°♋37'41	18°37'52
	-4764 Sep 08 j 10:30	0°♌	
morning set	-4764 Sep 10 j 04:21	2°♌48'51	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4764 Sep 25 j 19:28	27°♌42'56	0°02'11
minimum elong	-4764 Sep 25 j 19:47	27°♌44'08	0°02'17
behind sun begin	-4764 Sep 25 j 08:28	26°♌59'30	
behind sun end	-4764 Sep 26 j 07:06	28°♌28'46	
desc. node	-4764 Sep 26 j 03:43	28°♌15'28	
max. Earth dist.	-4764 Sep 26 j 15:03	29°♌00'06	1.44801 AU
	-4764 Sep 27 j 06:15	0°♍	
evening rise	-4764 Oct 12 j 01:45	23°♍24'12	
	-4764 Oct 16 j 05:21	0°♎	
evening max el	-4764 Nov 03 j 04:55	26°♎01'54	19°05'33
	-4764 Nov 09 j 18:22	0°♏	
retrograde	-4764 Nov 10 j 04:08	0°♏00'57	
asc. node	-4764 Nov 10 j 02:29	0°♏00'55	
	-4764 Nov 10 j 13:52	30°℞♎	
evening set	-4764 Nov 13 j 07:46	29°♎03'28	
inferior conj	-4764 Nov 19 j 02:23	23°♎12'20	2°45'05
minimum elong	-4764 Nov 18 j 23:15	23°♎22'09	2°44'02
min. Earth dist.	-4764 Nov 20 j 13:09	21°♎23'25	0.65584 AU
morning rise	-4764 Nov 24 j 13:48	17°♎01'01	
direct	-4764 Nov 30 j 23:45	14°♎15'26	
morning max el	-4764 Dec 13 j 19:09	21°♎44'00	26°29'36
	-4764 Dec 21 j 01:59	0°♏	
desc. node	-4764 Dec 23 j 03:46	2°♏39'28	
	-4763 Jan 10 j 06:26	0°♐	
morning set	-4763 Jan 18 j 18:46	15°♐14'43	
max. Earth dist.	-4763 Jan 23 j 00:55	23°♐27'50	1.35035 AU
	-4763 Jan 26 j 07:02	0°♑	
superior conj	-4763 Jan 27 j 12:50	2°♑32'32	-1°-24'-53
minimum elong	-4763 Jan 27 j 15:51	2°♑48'04	1°24'45
evening rise	-4763 Feb 04 j 04:48	18°♑28'26	
asc. node	-4763 Feb 06 j 01:26	22°♑16'14	
	-4763 Feb 10 j 00:34	0°♒	
evening max el	-4763 Feb 23 j 06:55	19°♒07'20	20°50'27
retrograde	-4763 Mar 06 j 13:14	24°♒28'51	
evening set	-4763 Mar 08 j 23:15	24°♒14'59	
inferior conj	-4763 Mar 18 j 01:17	20°♒17'02	0°50'20
minimum elong	-4763 Mar 18 j 03:32	20°♒13'48	0°49'25
min. Earth dist.	-4763 Mar 19 j 03:03	19°♒39'59	0.55299 AU
desc. node	-4763 Mar 21 j 02:51	18°♒33'17	
morning rise	-4763 Mar 27 j 06:27	16°♒03'54	
direct	-4763 Mar 30 j 12:19	15°♒40'58	
morning max el	-4763 Apr 12 j 16:00	22°♒04'04	22°46'15
	-4763 Apr 19 j 12:20	0°♓	
morning set	-4763 May 04 j 23:13	27°♓20'20	
asc. node	-4763 May 05 j 01:10	27°♓30'32	
	-4763 May 06 j 05:40	0°♈	
superior conj	-4763 May 12 j 04:58	12°♈42'24	1°07'48
minimum elong	-4763 May 12 j 02:25	12°♈28'55	1°07'26
max. Earth dist.	-4763 May 14 j 21:42	18°♈22'49	1.34126 AU
evening rise	-4763 May 20 j 00:49	28°♈46'40	
	-4763 May 20 j 15:48	0°♉	
	-4763 Jun 07 j 01:48	0°♊	
desc. node	-4763 Jun 17 j 01:21	13°♊32'55	
evening max el	-4763 Jun 23 j 08:35	20°♊25'56	27°16'23
retrograde	-4763 Jul 06 j 19:40	27°♊50'56	
evening set	-4763 Jul 13 j 20:10	25°♊04'57	
min. Earth dist.	-4763 Jul 17 j 13:35	21°♊32'02	0.64562 AU
inferior conj	-4763 Jul 19 j 19:32	19°♊03'16	-3°-26'-11
minimum elong	-4763 Jul 19 j 23:08	18°♊53'19	3°25'08
morning rise	-4763 Jul 26 j 03:38	13°♊32'51	
direct	-4763 Jul 28 j 21:11	12°♊53'37	
asc. node	-4763 Aug 01 j 00:48	13°♊45'14	
morning max el	-4763 Aug 04 j 09:38	16°♊23'14	18°08'32
	-4763 Aug 14 j 03:54	0°♋	
morning set	-4763 Aug 22 j 09:35	13°♋46'37	

	-4763 Sep 01 j 03:46	0°♌	
superior conj	-4763 Sep 05 j 02:19	6°♌23'15	0°48'43
minimum elong	-4763 Sep 05 j 07:34	6°♌44'23	0°48'17
max. Earth dist.	-4763 Sep 09 j 08:19	13°♌10'49	1.44406 AU
desc. node	-4763 Sep 13 j 00:40	18°♌59'45	
	-4763 Sep 20 j 01:45	0°♍	
evening rise	-4763 Sep 21 j 16:58	2°♍32'04	
	-4763 Oct 09 j 21:50	0°♎	
greatest brilliancy	-4763 Oct 10 j 00:50	0°♎10'32	-0.6m
evening max el	-4763 Oct 17 j 11:04	9°♎28'42	19°57'44
retrograde	-4763 Oct 25 j 01:05	13°♎54'38	
asc. node	-4763 Oct 27 j 23:38	13°♎04'21	
evening set	-4763 Oct 28 j 13:12	12°♎43'04	
inferior conj	-4763 Nov 03 j 02:48	6°♎39'39	1°59'18
minimum elong	-4763 Nov 03 j 00:17	6°♎47'59	1°58'21
min. Earth dist.	-4763 Nov 04 j 01:00	5°♎26'08	0.66502 AU
morning rise	-4763 Nov 08 j 10:43	0°♎23'32	
	-4763 Nov 08 j 21:48	30°℞♍	
direct	-4763 Nov 14 j 06:32	27°♍51'39	
	-4763 Nov 20 j 08:03	0°♎	
morning max el	-4763 Nov 26 j 04:10	4°♎55'17	25°17'24
desc. node	-4763 Dec 10 j 00:45	21°♎59'25	
	-4763 Dec 15 j 13:15	0°♏	
morning set	-4762 Jan 01 j 08:13	27°♏37'35	
	-4762 Jan 02 j 15:41	0°♐	
max. Earth dist.	-4762 Jan 05 j 03:28	4°♐36'13	1.36689 AU
superior conj	-4762 Jan 11 j 04:03	16°♐13'07	-1°-41'-31
minimum elong	-4762 Jan 11 j 06:44	16°♐26'28	1°41'32
	-4762 Jan 18 j 00:12	0°♑	
evening rise	-4762 Jan 19 j 08:54	2°♑45'18	
asc. node	-4762 Jan 23 j 22:30	11°♑44'26	
	-4762 Feb 04 j 22:50	0°♒	
evening max el	-4762 Feb 05 j 19:10	0°♒50'17	19°40'27
retrograde	-4762 Feb 15 j 09:08	5°♒22'34	
evening set	-4762 Feb 17 j 17:29	5°♒07'29	
inferior conj	-4762 Feb 26 j 05:14	1°♒03'47	2°30'28
minimum elong	-4762 Feb 26 j 10:19	0°♒55'42	2°28'52
	-4762 Feb 27 j 21:22	30°℞♑	
min. Earth dist.	-4762 Feb 28 j 17:38	29°♑28'20	0.56180 AU
morning rise	-4762 Mar 06 j 23:43	26°♑23'08	
desc. node	-4762 Mar 08 j 00:00	26°♑05'44	
direct	-4762 Mar 11 j 08:44	25°♑40'06	
	-4762 Mar 22 j 04:47	0°♒	
morning max el	-4762 Mar 25 j 07:56	2°♒42'32	24°25'05
	-4762 Apr 13 j 06:50	0°♓	
morning set	-4762 Apr 19 j 11:25	12°♓22'47	
asc. node	-4762 Apr 21 j 22:08	17°♓34'31	
superior conj	-4762 Apr 26 j 13:24	27°♓35'46	0°46'19
minimum elong	-4762 Apr 26 j 11:29	27°♓25'26	0°45'56
	-4762 Apr 27 j 16:09	0°♈	
max. Earth dist.	-4762 Apr 28 j 03:23	1°♈00'22	1.33275 AU
evening rise	-4762 May 03 j 22:57	13°♈10'04	
	-4762 May 12 j 19:50	0°♉	
	-4762 Jun 02 j 12:06	0°♊	
desc. node	-4762 Jun 03 j 22:29	1°♊32'08	
evening max el	-4762 Jun 05 j 18:09	3°♊21'21	27°24'32
retrograde	-4762 Jun 19 j 13:10	10°♊46'20	
evening set	-4762 Jun 26 j 16:03	8°♊13'44	
min. Earth dist.	-4762 Jun 30 j 06:17	5°♊11'14	0.62937 AU
inferior conj	-4762 Jul 03 j 01:55	2°♊23'57	-3°-57'-20
minimum elong	-4762 Jul 03 j 04:47	2°♊16'49	3°56'45
	-4762 Jul 05 j 14:36	30°℞♉	
morning rise	-4762 Jul 09 j 19:42	27°♉12'11	
direct	-4762 Jul 12 j 09:44	26°♉40'41	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4762 Jul 18 j 21:52	29°♉58'31		
	-4762 Jul 18 j 22:28	0°♊		
morning max el	-4762 Jul 19 j 00:22	0°♊04'40	17°57'02	
morning set	-4762 Aug 04 j 14:25	25°♊51'33		
	-4762 Aug 06 j 22:44	0°♋		
superior conj	-4762 Aug 16 j 09:00	16°♋14'22	1°23'13	
minimum elong	-4762 Aug 16 j 14:34	16°♋37'41	1°22'56	
max. Earth dist.	-4762 Aug 22 j 22:26	27°♋02'55	1.43349 AU	
	-4762 Aug 24 j 18:24	0°♌		
desc. node	-4762 Aug 30 j 21:37	9°♌41'45		
evening rise	-4762 Aug 31 j 20:30	11°♌10'45		
	-4762 Sep 13 j 06:22	0°♍		
greatest brilliancy	-4762 Sep 24 j 23:15	16°♍27'09	-0.5m	
evening max el	-4762 Sep 30 j 11:23	22°♍54'43	21°03'34	
retrograde	-4762 Oct 08 j 21:59	27°♍54'18		
evening set	-4762 Oct 12 j 20:54	26°♍25'47		
asc. node	-4762 Oct 14 j 20:48	24°♍34'35		
inferior conj	-4762 Oct 18 j 07:06	20°♍13'23	1°09'07	
minimum elong	-4762 Oct 18 j 05:33	20°♍18'41	1°08'32	
min. Earth dist.	-4762 Oct 18 j 18:02	19°♍36'00	0.67090 AU	
morning rise	-4762 Oct 23 j 13:49	13°♍55'32		
direct	-4762 Oct 28 j 18:21	11°♍43'07		
morning max el	-4762 Nov 08 j 13:00	18°♍09'20	23°53'43	
	-4762 Nov 18 j 11:15	0°♎		
desc. node	-4762 Nov 26 j 21:43	11°♎49'08		
	-4762 Dec 08 j 15:53	0°♏		
morning set	-4762 Dec 13 j 22:48	8°♏49'00		
max. Earth dist.	-4762 Dec 17 j 23:42	15°♏50'26	1.38667 AU	
superior conj	-4762 Dec 25 j 06:44	29°♏12'22	-1°-51'-34	
minimum elong	-4762 Dec 25 j 08:00	29°♏18'22	1°51'46	
	-4762 Dec 25 j 16:48	0°♐		
evening rise	-4761 Jan 03 j 06:13	16°♐36'37		
	-4761 Jan 10 j 08:52	0°♑		
asc. node	-4761 Jan 10 j 19:35	0°♑46'44		
evening max el	-4761 Jan 19 j 17:20	13°♑07'59	18°49'34	
retrograde	-4761 Jan 27 j 21:25	17°♑04'06		
evening set	-4761 Jan 30 j 07:55	16°♑44'30		
inferior conj	-4761 Feb 07 j 03:11	12°♑23'27	3°34'50	
minimum elong	-4761 Feb 07 j 07:10	12°♑16'10	3°33'56	
min. Earth dist.	-4761 Feb 10 j 09:28	10°♑01'08	0.57755 AU	
morning rise	-4761 Feb 15 j 02:45	7°♑14'55		
direct	-4761 Feb 20 j 17:46	5°♑58'17		
desc. node	-4761 Feb 22 j 21:09	6°♑09'25		
morning max el	-4761 Mar 06 j 23:13	13°♑22'17	25°55'46	
	-4761 Mar 20 j 01:18	0°♒		
morning set	-4761 Apr 03 j 23:22	27°♒25'15		
	-4761 Apr 05 j 04:42	0°♓		
asc. node	-4761 Apr 08 j 19:07	7°♓46'00		
superior conj	-4761 Apr 11 j 00:23	12°♓36'48	0°22'52	
minimum elong	-4761 Apr 10 j 23:24	12°♓31'23	0°22'35	
max. Earth dist.	-4761 Apr 11 j 14:58	13°♓56'22	1.32773 AU	
evening rise	-4761 Apr 18 j 03:47	27°♓53'48		
	-4761 Apr 19 j 04:23	0°♈		
	-4761 May 06 j 05:10	0°♉		
evening max el	-4761 May 18 j 23:37	15°♉42'13	27°00'05	
desc. node	-4761 May 21 j 19:37	18°♉12'29		
retrograde	-4761 Jun 01 j 23:24	23°♉04'02		
evening set	-4761 Jun 08 j 19:02	20°♉58'32		
min. Earth dist.	-4761 Jun 12 j 13:07	18°♉14'01	0.61023 AU	
inferior conj	-4761 Jun 15 j 19:21	15°♉24'02	-4°-13'-19	
minimum elong	-4761 Jun 15 j 20:14	15°♉22'08	4°13'07	
morning rise	-4761 Jun 23 j 00:24	10°♉33'24		
direct	-4761 Jun 25 j 12:38	10°♉07'48		
morning max el	-4761 Jul 02 j 13:25	13°♉35'49	18°04'22	
asc. node	-4761 Jul 05 j 18:55	17°♉18'19		
	-4761 Jul 13 j 17:30	0°♊		
morning set	-4761 Jul 18 j 13:29	8°♊49'53		
superior conj	-4761 Jul 28 j 19:13	27°♊27'36	1°42'49	
minimum elong	-4761 Jul 28 j 22:17	27°♊41'06	1°42'54	
	-4761 Jul 30 j 05:55	0°♋		
max. Earth dist.	-4761 Aug 05 j 07:29	10°♋21'42	1.41772 AU	
evening rise	-4761 Aug 11 j 08:44	20°♋15'13		
desc. node	-4761 Aug 17 j 18:35	0°♌18'06		
	-4761 Aug 17 j 13:52	0°♌		
	-4761 Sep 07 j 16:29	0°♍		
greatest brilliancy	-4761 Sep 08 j 12:06	1°♍00'27	-0.3m	
evening max el	-4761 Sep 13 j 05:27	6°♍19'35	22°19'23	
retrograde	-4761 Sep 22 j 17:06	11°♍57'25		
evening set	-4761 Sep 27 j 04:57	10°♍09'39		
asc. node	-4761 Oct 01 j 17:59	4°♍58'17		
inferior conj	-4761 Oct 02 j 13:21	3°♍51'38	0°16'31	
minimum elong	-4761 Oct 02 j 12:58	3°♍52'58	0°16'29	
min. Earth dist.	-4761 Oct 02 j 13:50	3°♍49'57	0.67369 AU	
	-4761 Oct 05 j 11:44	30°℞♌		
morning rise	-4761 Oct 07 j 20:49	27°♌35'00		
direct	-4761 Oct 12 j 10:24	25°♌44'09		
	-4761 Oct 20 j 12:40	0°♍		
morning max el	-4761 Oct 22 j 00:27	1°♍26'47	22°27'48	
greatest brilliancy	-4761 Oct 26 j 17:37	6°♍46'09	-0.3m	
	-4761 Nov 12 j 10:53	0°♎		
desc. node	-4761 Nov 13 j 18:38	1°♎59'34		
morning set	-4761 Nov 24 j 09:23	18°♎37'16		
max. Earth dist.	-4761 Nov 29 j 21:43	27°♎45'21	1.40726 AU	
	-4761 Dec 01 j 05:24	0°♏		
superior conj	-4761 Dec 07 j 15:53	11°♏16'23	-1°-51'-59	
minimum elong	-4761 Dec 07 j 14:23	11°♏09'43	1°52'08	
evening rise	-4761 Dec 17 j 17:44	29°♏54'37		
	-4761 Dec 17 j 18:53	0°♐		
asc. node	-4761 Dec 28 j 16:41	19°♐14'07		
evening max el	-4760 Jan 02 j 23:06	25°♐52'49	18°18'43	
retrograde	-4760 Jan 10 j 04:19	29°♐28'28		
evening set	-4760 Jan 12 j 17:04	29°♐03'01		
inferior conj	-4760 Jan 19 j 21:29	24°♐20'12	4°02'38	
minimum elong	-4760 Jan 19 j 22:34	24°♐17'52	4°02'21	
min. Earth dist.	-4760 Jan 23 j 05:22	21°♐31'08	0.59692 AU	
morning rise	-4760 Jan 27 j 01:03	18°♐49'32		
direct	-4760 Feb 02 j 14:31	16°♐54'09		
desc. node	-4760 Feb 09 j 18:16	19°♐00'27		
morning max el	-4760 Feb 16 j 19:16	24°♐29'18	27°03'31	
	-4760 Feb 21 j 20:43	0°♑		
	-4760 Mar 12 j 04:10	0°♒		
morning set	-4760 Mar 18 j 09:13	12°♒20'07		
max. Earth dist.	-4760 Mar 25 j 04:36	26°♒56'55	1.32601 AU	
superior conj	-4760 Mar 25 j 12:08	27°♒38'10	0°-1'-42	
minimum elong	-4760 Mar 25 j 12:13	27°♒38'37	0°01'52	
behind sun begin	-4760 Mar 25 j 07:14	27°♒11'23		
behind sun end	-4760 Mar 25 j 17:11	28°♒05'50		
asc. node	-4760 Mar 25 j 16:06	27°♒59'55		
	-4760 Mar 26 j 14:03	0°♓		
evening rise	-4760 Apr 01 j 12:46	12°♓47'59		
	-4760 Apr 10 j 08:21	0°♈		
evening max el	-4760 Apr 29 j 22:48	27°♈20'11	26°03'52	
	-4760 May 02 j 23:53	0°♉		
desc. node	-4760 May 07 j 16:47	3°♉01'31		
retrograde	-4760 May 14 j 00:58	4°♉37'00		
evening set	-4760 May 20 j 01:26	3°♉08'06		
min. Earth dist.	-4760 May 24 j 11:25	0°♉25'00	0.58981 AU	
	-4760 May 25 j 01:07	30°℞♈		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4760 May 27 j 20:06	27°♈53'09	-4°-6'-7
minimum elong	-4760 May 27 j 17:48	27°♈57'31	4°05'50
morning rise	-4760 Jun 04 j 14:02	23°♈24'46	
direct	-4760 Jun 07 j 01:19	23°♈04'01	
morning max el	-4760 Jun 14 j 21:57	26°♈48'17	18°31'27
	-4760 Jun 17 j 19:30	0°♉	
asc. node	-4760 Jun 21 j 15:55	5°♉29'30	
morning set	-4760 Jul 01 j 01:56	22°♉29'03	
	-4760 Jul 04 j 23:38	0°♊	
superior conj	-4760 Jul 10 j 04:42	9°♊51'36	1°49'23
minimum elong	-4760 Jul 10 j 05:01	9°♊53'05	1°49'36
max. Earth dist.	-4760 Jul 17 j 11:04	22°♊57'05	1.39881 AU
evening rise	-4760 Jul 21 j 20:22	0°♋27'03	
	-4760 Jul 21 j 13:55	0°♋	
desc. node	-4760 Aug 03 j 15:34	20°♋44'58	
	-4760 Aug 09 j 23:47	0°♌	
evening max el	-4760 Aug 25 j 18:30	19°♌45'05	23°40'06
retrograde	-4760 Sep 05 j 09:19	26°♌01'29	
evening set	-4760 Sep 10 j 11:37	23°♌53'37	
inferior conj	-4760 Sep 15 j 19:48	17°♌33'17	0°-36'-45
minimum elong	-4760 Sep 15 j 20:38	17°♌30'24	0°36'13
min. Earth dist.	-4760 Sep 15 j 10:00	18°♌06'46	0.67349 AU
asc. node	-4760 Sep 17 j 15:07	15°♌08'30	
morning rise	-4760 Sep 21 j 05:48	11°♌20'57	
direct	-4760 Sep 25 j 05:51	9°♌50'51	
morning max el	-4760 Oct 03 j 17:37	14°♌51'22	21°07'21
greatest brilliancy	-4760 Oct 09 j 07:04	21°♌21'57	-0.5m
	-4760 Oct 15 j 15:01	0°♍	
desc. node	-4760 Oct 30 j 15:31	22°♍24'35	
morning set	-4760 Nov 02 j 18:02	27°♍14'16	
	-4760 Nov 04 j 12:13	0°♎	
max. Earth dist.	-4760 Nov 11 j 02:07	10°♎33'09	1.42571 AU
superior conj	-4760 Nov 18 j 01:44	22°♎11'06	-1°-39'-9
minimum elong	-4760 Nov 17 j 20:44	21°♎49'52	1°38'53
	-4760 Nov 22 j 14:30	0°♏	
evening rise	-4760 Nov 29 j 15:44	12°♏31'28	
	-4760 Dec 09 j 16:48	0°♐	
asc. node	-4760 Dec 14 j 13:47	6°♐55'57	
evening max el	-4760 Dec 16 j 09:44	8°♐57'29	18°07'51
retrograde	-4760 Dec 23 j 02:37	12°♐26'11	
evening set	-4760 Dec 25 j 17:47	11°♐53'58	
inferior conj	-4759 Jan 01 j 09:54	6°♐49'23	4°02'06
minimum elong	-4759 Jan 01 j 08:29	6°♐52'51	4°01'47
min. Earth dist.	-4759 Jan 04 j 08:54	3°♐56'45	0.61666 AU
morning rise	-4759 Jan 07 j 20:54	1°♐02'41	
	-4759 Jan 09 j 13:33	30°℞♏	
direct	-4759 Jan 14 j 21:20	28°♏34'52	
	-4759 Jan 20 j 12:39	0°♐	
desc. node	-4759 Jan 26 j 15:20	4°♐10'56	
morning max el	-4759 Jan 28 j 21:46	6°♐16'30	27°38'03
	-4759 Feb 15 j 21:05	0°♑	
morning set	-4759 Mar 02 j 14:59	27°♑00'26	
	-4759 Mar 04 j 01:48	0°♒	
max. Earth dist.	-4759 Mar 08 j 16:21	9°♒47'56	1.32772 AU
superior conj	-4759 Mar 09 j 23:01	12°♒34'17	0°-26'-33
minimum elong	-4759 Mar 10 j 00:12	12°♒40'43	0°26'32
asc. node	-4759 Mar 12 j 13:02	18°♒11'56	
evening rise	-4759 Mar 16 j 23:55	27°♒45'39	
	-4759 Mar 18 j 01:37	0°♓	
	-4759 Apr 04 j 10:11	0°♈	
evening max el	-4759 Apr 11 j 16:22	8°♈20'53	24°42'58
desc. node	-4759 Apr 24 j 13:58	15°♈22'40	
retrograde	-4759 Apr 25 j 15:57	15°♈25'24	
evening set	-4759 Apr 30 j 10:55	14°♈33'07	

min. Earth dist.	-4759 May 06 j 04:32	11°♈35'28	0.57106 AU
inferior conj	-4759 May 09 j 01:13	9°♈43'06	-3°-25'-57
minimum elong	-4759 May 08 j 20:00	9°♈51'42	3°24'54
morning rise	-4759 May 17 j 09:19	5°♈34'11	
direct	-4759 May 19 j 19:47	5°♈17'23	
morning max el	-4759 May 28 j 23:05	9°♈32'42	19°18'46
asc. node	-4759 Jun 08 j 12:52	24°♈19'58	
	-4759 Jun 11 j 14:19	0°♉	
morning set	-4759 Jun 15 j 00:00	6°♉39'10	
superior conj	-4759 Jun 23 j 07:37	23°♉09'37	1°45'52
minimum elong	-4759 Jun 23 j 06:01	23°♉01'52	1°46'00
	-4759 Jun 26 j 21:13	0°♊	
max. Earth dist.	-4759 Jun 29 j 12:22	4°♊53'59	1.37947 AU
evening rise	-4759 Jul 03 j 10:16	11°♊56'26	
	-4759 Jul 14 j 06:40	0°♋	
desc. node	-4759 Jul 21 j 12:35	10°♋56'53	
	-4759 Aug 05 j 03:48	0°♌	
evening max el	-4759 Aug 08 j 05:07	3°♌13'01	24°58'55
retrograde	-4759 Aug 19 j 21:37	10°♌02'00	
evening set	-4759 Aug 25 j 15:01	7°♌35'30	
min. Earth dist.	-4759 Aug 30 j 04:08	2°♌24'25	0.67020 AU
inferior conj	-4759 Aug 31 j 00:43	1°♌16'20	-1°-29'-4
minimum elong	-4759 Aug 31 j 02:45	1°♌09'37	1°28'03
	-4759 Aug 31 j 23:58	30°℞♋	
asc. node	-4759 Sep 04 j 12:13	26°♋03'34	
morning rise	-4759 Sep 05 j 14:53	25°♋11'22	
direct	-4759 Sep 09 j 03:26	23°♋59'29	
morning max el	-4759 Sep 16 j 17:48	28°♋23'55	19°57'44
	-4759 Sep 18 j 05:22	0°♌	
greatest brilliancy	-4759 Sep 24 j 07:45	7°♌50'43	-0.6m
	-4759 Oct 09 j 03:36	0°♍	
morning set	-4759 Oct 12 j 16:38	5°♍28'32	
desc. node	-4759 Oct 17 j 12:22	12°♍59'11	
max. Earth dist.	-4759 Oct 24 j 13:04	24°♍05'07	1.43955 AU
	-4759 Oct 28 j 05:31	0°♎	
superior conj	-4759 Oct 29 j 08:03	1°♎47'26	-1°-10'-9
minimum elong	-4759 Oct 29 j 01:21	1°♎20'15	1°09'25
evening rise	-4759 Nov 11 j 19:40	24°♎17'00	
	-4759 Nov 15 j 03:57	0°♏	
evening max el	-4759 Nov 29 j 22:24	22°♏14'25	18°16'12
asc. node	-4759 Dec 01 j 10:55	23°♏38'29	
retrograde	-4759 Dec 06 j 11:48	25°♏47'20	
evening set	-4759 Dec 09 j 06:28	25°♏06'55	
inferior conj	-4759 Dec 15 j 12:39	19°♏42'17	3°41'53
minimum elong	-4759 Dec 15 j 09:49	19°♏50'03	3°41'13
min. Earth dist.	-4759 Dec 17 j 22:00	17°♏05'36	0.63447 AU
morning rise	-4759 Dec 21 j 11:32	13°♏43'56	
direct	-4759 Dec 28 j 12:13	10°♏57'35	
morning max el	-4758 Jan 11 j 04:59	18°♏40'36	27°36'30
desc. node	-4758 Jan 13 j 12:21	21°♏04'02	
	-4758 Jan 20 j 20:40	0°♐	
	-4758 Feb 08 j 17:00	0°♑	
morning set	-4758 Feb 14 j 14:18	11°♑17'40	
max. Earth dist.	-4758 Feb 19 j 22:19	22°♑15'49	1.33314 AU
superior conj	-4758 Feb 22 j 07:19	27°♑19'10	0°-50'-47
minimum elong	-4758 Feb 22 j 09:29	27°♑30'46	0°50'37
	-4758 Feb 23 j 13:17	0°♒	
asc. node	-4758 Feb 27 j 10:02	8°♒18'34	
evening rise	-4758 Mar 01 j 11:27	12°♒40'25	
	-4758 Mar 10 j 09:11	0°♓	
evening max el	-4758 Mar 24 j 08:42	19°♓05'26	23°09'54
retrograde	-4758 Apr 06 j 18:16	25°♓41'26	
evening set	-4758 Apr 10 j 06:23	25°♓14'33	
desc. node	-4758 Apr 11 j 11:08	24°♓53'43	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4758 Apr 17 j 19:34	21♓50'43	0.55748 AU
inferior conj	-4758 Apr 19 j 11:05	20♓52'46	-2°-6'-35
minimum elong	-4758 Apr 19 j 06:00	21♓00'13	2°05'08
morning rise	-4758 Apr 28 j 08:37	16♓54'27	
direct	-4758 Apr 30 j 20:14	16♓39'29	
morning max el	-4758 May 11 j 14:25	21♓40'33	20°26'06
	-4758 May 18 j 11:33	0♈	
asc. node	-4758 May 26 j 09:50	13♈40'30	
morning set	-4758 May 30 j 04:51	21♈13'11	
	-4758 Jun 03 j 11:26	0♉	
superior conj	-4758 Jun 06 j 23:07	7♉07'59	1°35'01
minimum elong	-4758 Jun 06 j 20:34	6♉55'06	1°34'55
max. Earth dist.	-4758 Jun 11 j 18:12	16♉39'10	1.36204 AU
evening rise	-4758 Jun 15 j 22:29	24♉34'05	
	-4758 Jun 18 j 22:17	0♊	
	-4758 Jul 07 j 20:04	0♋	
desc. node	-4758 Jul 08 j 09:40	0♋47'08	
evening max el	-4758 Jul 21 j 15:54	16♋43'43	26°07'44
retrograde	-4758 Aug 03 j 05:20	23♋54'13	
evening set	-4758 Aug 09 j 13:11	21♋13'32	
min. Earth dist.	-4758 Aug 13 j 17:52	16♋40'40	0.66360 AU
inferior conj	-4758 Aug 15 j 02:19	14♋58'53	-2°-18'-41
minimum elong	-4758 Aug 15 j 05:20	14♋49'26	2°17'25
morning rise	-4758 Aug 20 j 22:13	9♋04'37	
asc. node	-4758 Aug 22 j 09:18	8♋24'01	
direct	-4758 Aug 24 j 01:40	8♋07'45	
morning max el	-4758 Aug 31 j 00:40	12♋04'02	19°02'23
	-4758 Sep 13 j 00:15	0♌	
morning set	-4758 Sep 22 j 04:24	14♌25'55	
	-4758 Oct 02 j 01:22	0♍	
desc. node	-4758 Oct 04 j 09:16	3♍40'05	
max. Earth dist.	-4758 Oct 07 j 05:11	8♍07'45	1.44703 AU
superior conj	-4758 Oct 08 j 14:37	10♍19'47	0°-26'-24
minimum elong	-4758 Oct 08 j 11:15	10♍06'26	0°25'53
	-4758 Oct 20 j 22:18	0♎	
evening rise	-4758 Oct 24 j 00:54	5♎02'25	
	-4758 Nov 08 j 20:32	0♏	
evening max el	-4758 Nov 13 j 10:28	5♏38'31	18°42'40
asc. node	-4758 Nov 18 j 08:04	9♏06'41	
retrograde	-4758 Nov 20 j 03:58	9♏25'09	
evening set	-4758 Nov 23 j 03:50	8♏34'31	
inferior conj	-4758 Nov 29 j 02:08	2♏52'18	3°08'29
minimum elong	-4758 Nov 28 j 22:54	3♏02'03	3°07'30
min. Earth dist.	-4758 Nov 30 j 20:54	0♏44'06	0.64913 AU
	-4758 Dec 01 j 12:03	30℞♎	
morning rise	-4758 Dec 04 j 16:49	26♎45'12	
direct	-4758 Dec 11 j 09:49	23♎55'36	
	-4758 Dec 22 j 23:55	0♏	
morning max el	-4758 Dec 24 j 14:22	1♏31'55	27°01'49
desc. node	-4758 Dec 31 j 09:20	9♏10'13	
	-4757 Jan 14 j 23:17	0♐	
morning set	-4757 Jan 29 j 03:58	25♐01'05	
	-4757 Jan 31 j 17:01	0♑	
max. Earth dist.	-4757 Feb 02 j 18:54	4♑10'40	1.34282 AU
superior conj	-4757 Feb 06 j 11:04	11♑45'40	-1°-13'-17
minimum elong	-4757 Feb 06 j 13:55	12♑00'36	1°13'05
evening rise	-4757 Feb 13 j 21:38	27♑25'46	
asc. node	-4757 Feb 14 j 07:04	28♑14'46	
	-4757 Feb 15 j 03:30	0♒	
evening max el	-4757 Mar 06 j 05:43	29♒59'16	21°38'11
	-4757 Mar 06 j 06:01	0♓	
retrograde	-4757 Mar 18 j 09:41	5♓49'48	
evening set	-4757 Mar 21 j 01:24	5♓33'58	
desc. node	-4757 Mar 29 j 08:19	2♓05'56	
inferior conj	-4757 Mar 30 j 08:12	1♓32'26	0°-16'-26
minimum elong	-4757 Mar 30 j 07:25	1♓33'31	0°16'19
min. Earth dist.	-4757 Mar 30 j 09:45	1♓30'15	0.55200 AU
	-4757 Apr 02 j 03:19	30℞♒	
morning rise	-4757 Apr 08 j 13:44	27♒29'58	
direct	-4757 Apr 11 j 09:47	27♒12'10	
	-4757 Apr 19 j 21:34	0♓	
morning max el	-4757 Apr 23 j 18:43	3♓06'05	21°51'20
	-4757 May 11 j 14:31	0♈	
asc. node	-4757 May 13 j 06:48	3♈22'43	
morning set	-4757 May 14 j 14:03	6♈03'19	
superior conj	-4757 May 21 j 23:20	21♈34'29	1°18'52
minimum elong	-4757 May 21 j 20:37	21♈20'17	1°18'34
max. Earth dist.	-4757 May 25 j 09:26	28♈38'19	1.34784 AU
	-4757 May 26 j 01:33	0♉	
evening rise	-4757 May 30 j 03:26	8♉03'24	
	-4757 Jun 11 j 12:09	0♊	
desc. node	-4757 Jun 25 j 06:47	20♊05'31	
	-4757 Jul 03 j 23:24	0♋	
evening max el	-4757 Jul 04 j 03:20	0♋09'32	26°58'25
retrograde	-4757 Jul 17 j 07:45	7♋30'50	
evening set	-4757 Jul 24 j 03:37	4♋43'45	
min. Earth dist.	-4757 Jul 28 j 00:45	0♋49'42	0.65332 AU
	-4757 Jul 28 j 18:00	30℞♊	
inferior conj	-4757 Jul 29 j 22:30	28♊36'46	-3°-3'-34
minimum elong	-4757 Jul 30 j 02:04	28♊26'21	3°02'21
morning rise	-4757 Aug 05 j 01:41	22♊56'38	
direct	-4757 Aug 07 j 22:18	22♊11'39	
asc. node	-4757 Aug 09 j 06:22	22♊21'24	
morning max el	-4757 Aug 14 j 12:32	25♊48'17	18°23'16
	-4757 Aug 18 j 01:32	0♋	
morning set	-4757 Sep 02 j 18:08	24♋39'25	
	-4757 Sep 06 j 00:29	0♌	
superior conj	-4757 Sep 17 j 14:34	18♌37'29	0°22'54
minimum elong	-4757 Sep 17 j 17:27	18♌48'55	0°22'42
max. Earth dist.	-4757 Sep 19 j 23:29	22♌22'43	1.44723 AU
desc. node	-4757 Sep 21 j 06:13	24♌23'55	
	-4757 Sep 24 j 19:39	0♍	
evening rise	-4757 Oct 04 j 05:01	14♍43'25	
	-4757 Oct 13 j 23:58	0♎	
greatest brilliancy	-4757 Oct 18 j 10:21	6♎44'12	-0.7m
evening max el	-4757 Oct 27 j 19:26	19♎05'32	19°25'56
retrograde	-4757 Nov 03 j 23:58	23♎14'41	
asc. node	-4757 Nov 05 j 05:12	23♎06'06	
evening set	-4757 Nov 07 j 07:03	22♎11'22	
inferior conj	-4757 Nov 12 j 23:19	16♎14'36	2°26'20
minimum elong	-4757 Nov 12 j 20:23	16♎24'01	2°25'18
min. Earth dist.	-4757 Nov 14 j 04:30	14♎40'49	0.66020 AU
morning rise	-4757 Nov 18 j 08:58	10♎01'11	
direct	-4757 Nov 24 j 13:14	7♎20'37	
morning max el	-4757 Dec 06 j 23:53	14♎39'22	26°00'59
desc. node	-4757 Dec 18 j 06:19	28♎08'06	
	-4757 Dec 19 j 15:04	0♏	
	-4756 Jan 07 j 17:44	0♐	
morning set	-4756 Jan 12 j 03:51	7♐58'15	
max. Earth dist.	-4756 Jan 16 j 04:09	15♐33'38	1.35696 AU
superior conj	-4756 Jan 21 j 07:47	25♐46'14	-1°-32'-34
minimum elong	-4756 Jan 21 j 10:47	26♐01'25	1°32'30
	-4756 Jan 23 j 09:34	0♑	
evening rise	-4756 Jan 29 j 04:37	11♑55'43	
asc. node	-4756 Feb 01 j 04:08	17♑55'27	
	-4756 Feb 07 j 19:06	0♒	
evening max el	-4756 Feb 16 j 11:51	11♒21'59	20°18'22
retrograde	-4756 Feb 27 j 00:32	16♒21'26	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4756 Feb 29 j 09:08	16°♒07'29	
inferior conj	-4756 Mar 09 j 05:43	12°♒08'38	1°36'25
minimum elong	-4756 Mar 09 j 09:40	12°♒02'45	1°34'57
min. Earth dist.	-4756 Mar 10 j 23:46	11°♒06'18	0.55579 AU
desc. node	-4756 Mar 15 j 05:28	8°♒51'52	
morning rise	-4756 Mar 18 j 07:52	7°♒45'08	
direct	-4756 Mar 22 j 00:16	7°♒15'29	
morning max el	-4756 Apr 04 j 13:52	13°♒56'33	23°28'19
	-4756 Apr 16 j 21:58	0°♓	
morning set	-4756 Apr 28 j 01:42	21°♓03'26	
asc. node	-4756 Apr 29 j 03:48	23°♓20'36	
	-4756 May 02 j 06:37	0°♈	
superior conj	-4756 May 05 j 05:28	6°♈20'23	0°58'59
minimum elong	-4756 May 05 j 03:09	6°♈07'58	0°58'35
max. Earth dist.	-4756 May 07 j 10:30	11°♈02'29	1.33726 AU
evening rise	-4756 May 12 j 20:24	22°♈10'25	
	-4756 May 16 j 21:16	0°♉	
	-4756 Jun 04 j 07:25	0°♊	
desc. node	-4756 Jun 11 j 03:55	8°♊38'41	
evening max el	-4756 Jun 15 j 14:04	13°♊19'03	27°23'36
retrograde	-4756 Jun 29 j 04:34	20°♊43'58	
evening set	-4756 Jul 06 j 07:18	18°♊01'51	
min. Earth dist.	-4756 Jul 09 j 22:47	14°♊43'15	0.63918 AU
inferior conj	-4756 Jul 12 j 10:43	12°♊05'11	-3°-40'-54
minimum elong	-4756 Jul 12 j 14:09	11°♊56'08	3°40'01
morning rise	-4756 Jul 18 j 22:46	6°♊42'30	
direct	-4756 Jul 21 j 14:42	6°♊06'42	
asc. node	-4756 Jul 26 j 03:27	7°♊49'07	
morning max el	-4756 Jul 28 j 03:00	9°♊32'25	18°01'27
	-4756 Aug 10 j 20:36	0°♋	
morning set	-4756 Aug 14 j 09:59	6°♋07'04	
superior conj	-4756 Aug 27 j 06:10	27°♋43'37	1°05'11
minimum elong	-4756 Aug 27 j 12:05	28°♋07'49	1°04'44
	-4756 Aug 28 j 15:38	0°♌	
max. Earth dist.	-4756 Sep 01 j 16:10	6°♌28'55	1.44028 AU
desc. node	-4756 Sep 07 j 03:09	15°♌07'15	
evening rise	-4756 Sep 12 j 13:03	23°♌32'51	
	-4756 Sep 16 j 17:45	0°♍	
greatest brilliancy	-4756 Oct 03 j 11:48	24°♍39'26	-0.6m
	-4756 Oct 07 j 16:26	0°♎	
evening max el	-4756 Oct 09 j 23:10	2°♎31'41	20°24'15
retrograde	-4756 Oct 17 j 21:13	7°♎11'20	
evening set	-4756 Oct 21 j 13:42	5°♎52'41	
asc. node	-4756 Oct 22 j 02:21	5°♎28'32	
	-4756 Oct 26 j 21:07	30°℞♍	
inferior conj	-4756 Oct 27 j 01:38	29°♍44'47	1°38'25
minimum elong	-4756 Oct 26 j 23:29	29°♍51'59	1°37'36
min. Earth dist.	-4756 Oct 27 j 18:48	28°♍46'58	0.66784 AU
morning rise	-4756 Nov 01 j 08:46	23°♍27'38	
direct	-4756 Nov 06 j 22:01	21°♍03'52	
morning max el	-4756 Nov 18 j 08:47	27°♍52'48	24°42'49
	-4756 Nov 20 j 09:11	0°♎	
desc. node	-4756 Dec 04 j 03:16	17°♎41'47	
	-4756 Dec 12 j 08:31	0°♏	
morning set	-4756 Dec 24 j 08:22	19°♏52'53	
max. Earth dist.	-4756 Dec 28 j 03:36	26°♏42'06	1.37505 AU
	-4756 Dec 29 j 22:30	0°♐	
superior conj	-4755 Jan 03 j 18:11	9°♐10'33	-1°-46'-44
minimum elong	-4755 Jan 03 j 20:26	9°♐21'29	1°46'51
evening rise	-4755 Jan 12 j 06:10	26°♐02'52	
	-4755 Jan 14 j 06:08	0°♑	
asc. node	-4755 Jan 18 j 01:12	7°♑13'46	
evening max el	-4755 Jan 29 j 04:23	23°♑19'45	19°16'15
retrograde	-4755 Feb 07 j 02:59	27°♑35'18	

evening set	-4755 Feb 09 j 11:56	27°♑18'37	
inferior conj	-4755 Feb 17 j 16:37	23°♑08'09	3°02'31
minimum elong	-4755 Feb 17 j 21:37	22°♑59'42	3°01'08
min. Earth dist.	-4755 Feb 20 j 14:38	21°♑10'53	0.56785 AU
morning rise	-4755 Feb 26 j 03:37	18°♑14'52	
desc. node	-4755 Mar 02 j 02:37	17°♑21'21	
direct	-4755 Mar 03 j 01:24	17°♑19'14	
morning max el	-4755 Mar 17 j 04:58	24°♑32'42	25°05'35
	-4755 Mar 22 j 04:57	0°♒	
	-4755 Apr 09 j 14:39	0°♓	
morning set	-4755 Apr 12 j 14:01	6°♓06'50	
asc. node	-4755 Apr 16 j 00:47	13°♓28'30	
superior conj	-4755 Apr 19 j 15:13	21°♓17'54	0°36'34
minimum elong	-4755 Apr 19 j 13:40	21°♓09'30	0°36'12
max. Earth dist.	-4755 Apr 20 j 19:05	23°♓48'56	1.33019 AU
	-4755 Apr 23 j 16:18	0°♈	
evening rise	-4755 Apr 26 j 21:42	6°♈43'23	
	-4755 May 09 j 10:30	0°♉	
evening max el	-4755 May 28 j 21:57	26°♉00'16	27°18'04
desc. node	-4755 May 29 j 01:03	26°♉07'40	
	-4755 Jun 02 j 16:54	0°♊	
retrograde	-4755 Jun 11 j 19:15	3°♊24'46	
evening set	-4755 Jun 18 j 20:32	1°♊01'43	
	-4755 Jun 20 j 06:36	30°℞♉	
min. Earth dist.	-4755 Jun 22 j 11:03	28°♉09'04	0.62149 AU
inferior conj	-4755 Jun 25 j 12:01	25°♉18'00	-4°-6'-25
minimum elong	-4755 Jun 25 j 14:12	25°♉12'51	4°06'01
morning rise	-4755 Jul 02 j 10:27	20°♉15'22	
direct	-4755 Jul 04 j 23:30	19°♉46'38	
morning max el	-4755 Jul 11 j 17:27	23°♉10'55	17°57'52
asc. node	-4755 Jul 13 j 00:30	24°♉32'48	
	-4755 Jul 17 j 02:53	0°♊	
morning set	-4755 Jul 27 j 23:11	18°♊36'14	
	-4755 Aug 03 j 08:03	0°♋	
superior conj	-4755 Aug 08 j 00:51	8°♋10'45	1°33'19
minimum elong	-4755 Aug 08 j 05:30	8°♋30'42	1°33'11
max. Earth dist.	-4755 Aug 15 j 04:05	20°♋07'54	1.42721 AU
	-4755 Aug 21 j 07:21	0°♌	
evening rise	-4755 Aug 22 j 17:43	2°♌15'18	
desc. node	-4755 Aug 25 j 00:06	5°♌47'20	
	-4755 Sep 10 j 06:33	0°♍	
greatest brilliancy	-4755 Sep 17 j 19:59	10°♍09'53	-0.4m
evening max el	-4755 Sep 22 j 20:38	15°♍56'36	21°34'52
retrograde	-4755 Oct 01 j 17:40	21°♍12'46	
evening set	-4755 Oct 05 j 21:46	19°♍36'19	
asc. node	-4755 Oct 08 j 23:30	16°♍25'47	
inferior conj	-4755 Oct 11 j 06:59	13°♍20'52	0°47'00
minimum elong	-4755 Oct 11 j 05:54	13°♍24'34	0°46'39
min. Earth dist.	-4755 Oct 11 j 13:23	12°♍58'47	0.67236 AU
morning rise	-4755 Oct 16 j 13:46	7°♍02'56	
direct	-4755 Oct 21 j 11:43	4°♍59'44	
morning max el	-4755 Oct 31 j 18:27	11°♍08'29	23°16'59
greatest brilliancy	-4755 Nov 06 j 03:20	17°♍12'37	-0.3m
	-4755 Nov 15 j 17:24	0°♎	
desc. node	-4755 Nov 21 j 00:12	7°♎41'04	
morning set	-4755 Dec 05 j 11:27	0°♏29'52	
	-4755 Dec 05 j 04:18	0°♏	
max. Earth dist.	-4755 Dec 09 j 23:23	8°♏09'02	1.39544 AU
superior conj	-4755 Dec 17 j 14:01	21°♏47'42	-1°-53'-8
minimum elong	-4755 Dec 17 j 14:17	21°♏48'55	1°53'21
	-4755 Dec 21 j 22:46	0°♐	
evening rise	-4755 Dec 26 j 23:42	9°♐40'47	
asc. node	-4754 Jan 04 j 22:16	26°♐02'27	
	-4754 Jan 07 j 11:27	0°♑	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4754 Jan 12 j 06:06	5°♉50'03	18°33'59	
retrograde	-4754 Jan 19 j 23:15	9°♉35'38		
evening set	-4754 Jan 22 j 10:35	9°♉13'49		
inferior conj	-4754 Jan 29 j 23:18	4°♉44'03	3°50'38	
minimum elong	-4754 Jan 30 j 02:07	4°♉38'33	3°50'05	
min. Earth dist.	-4754 Feb 02 j 08:06	2°♉07'11	0.58555 AU	
	-4754 Feb 05 j 12:07	30°℞♐		
morning rise	-4754 Feb 06 j 14:05	29°♐24'53		
direct	-4754 Feb 12 j 15:57	27°♐51'27		
desc. node	-4754 Feb 16 j 23:45	28°♐37'32		
	-4754 Feb 19 j 23:47	0°♉		
morning max el	-4754 Feb 26 j 21:54	5°♉21'59	26°28'02	
	-4754 Mar 17 j 00:13	0°♒		
morning set	-4754 Mar 28 j 01:16	21°♒06'55		
	-4754 Apr 01 j 05:05	0°♓		
asc. node	-4754 Apr 02 j 21:45	3°♓41'34		
superior conj	-4754 Apr 04 j 02:44	6°♓20'07	0°12'32	
minimum elong	-4754 Apr 04 j 02:11	6°♓17'07	0°12'18	
behind sun begin	-4754 Apr 03 j 23:03	5°♓59'55		
behind sun end	-4754 Apr 04 j 05:20	6°♓34'18		
max. Earth dist.	-4754 Apr 04 j 07:46	6°♓47'39	1.32656 AU	
evening rise	-4754 Apr 11 j 04:33	21°♓32'33		
	-4754 Apr 15 j 09:07	0°♈		
	-4754 May 03 j 20:43	0°♉		
evening max el	-4754 May 11 j 00:47	8°♉03'07	26°39'47	
desc. node	-4754 May 15 j 22:13	12°♉05'15		
retrograde	-4754 May 25 j 02:24	15°♉24'01		
evening set	-4754 May 31 j 15:08	13°♉33'25		
min. Earth dist.	-4754 Jun 04 j 14:11	10°♉51'24	0.60148 AU	
inferior conj	-4754 Jun 07 j 22:48	8°♉06'15	-4°-13'-41	
minimum elong	-4754 Jun 07 j 22:26	8°♉07'01	4°13'33	
morning rise	-4754 Jun 15 j 09:09	3°♉25'11		
direct	-4754 Jun 17 j 20:44	3°♉01'54		
morning max el	-4754 Jun 25 j 04:57	6°♉35'35	18°13'25	
asc. node	-4754 Jun 29 j 21:31	12°♉16'16		
	-4754 Jul 10 j 04:22	0°♊		
morning set	-4754 Jul 11 j 04:28	1°♊53'13		
superior conj	-4754 Jul 20 j 21:39	19°♊56'01	1°47'01	
minimum elong	-4754 Jul 20 j 23:29	20°♊04'17	1°47'12	
	-4754 Jul 26 j 14:30	0°♋		
max. Earth dist.	-4754 Jul 28 j 10:05	3°♋06'29	1.40986 AU	
evening rise	-4754 Aug 02 j 14:50	11°♋45'20		
desc. node	-4754 Aug 11 j 21:04	26°♋20'12		
	-4754 Aug 14 j 07:18	0°♌		
greatest brilliancy	-4754 Aug 31 j 12:27	23°♌45'50	-0.3m	
evening max el	-4754 Sep 05 j 12:16	29°♌21'16	22°53'35	
	-4754 Sep 06 j 03:56	0°♍		
retrograde	-4754 Sep 15 j 11:41	5°♍16'09		
evening set	-4754 Sep 20 j 05:24	3°♍20'05		
	-4754 Sep 23 j 08:08	30°℞♌		
inferior conj	-4754 Sep 25 j 13:30	27°♌00'42	0°-6'-4	
minimum elong	-4754 Sep 25 j 13:39	27°♌00'13	0°05'52	
transit middle	-4754 Sep 25 j 13:39	27°♌00'13	0°05'52	
transit begin	-4754 Sep 25 j 11:07	27°♌08'55		
transit end	-4754 Sep 25 j 16:10	26°♌51'32		
min. Earth dist.	-4754 Sep 25 j 09:43	27°♌13'45	0.67393 AU	
asc. node	-4754 Sep 25 j 20:38	26°♌36'07		
morning rise	-4754 Sep 30 j 21:49	20°♌45'15		
direct	-4754 Oct 05 j 05:27	19°♌03'15		
morning max el	-4754 Oct 14 j 07:51	24°♌27'48	21°52'28	
	-4754 Oct 19 j 04:16	0°♍		
greatest brilliancy	-4754 Oct 19 j 05:55	0°♍05'07	-0.4m	
desc. node	-4754 Nov 07 j 21:05	27°♍58'10		
	-4754 Nov 09 j 04:52	0°♎		
morning set	-4754 Nov 15 j 09:56	9°♎43'49		
max. Earth dist.	-4754 Nov 21 j 23:07	20°♎23'32	1.41547 AU	
	-4754 Nov 27 j 15:06	0°♏		
superior conj	-4754 Nov 29 j 13:56	3°♏23'58	-1°-48'-24	
minimum elong	-4754 Nov 29 j 10:58	3°♏10'55	1°48'24	
evening rise	-4754 Dec 10 j 05:54	22°♏41'57		
	-4754 Dec 14 j 05:22	0°♐		
asc. node	-4754 Dec 22 j 19:21	14°♐12'09		
evening max el	-4754 Dec 26 j 14:22	18°♐45'01	18°11'49	
retrograde	-4753 Jan 02 j 13:01	22°♐15'49		
evening set	-4753 Jan 05 j 02:49	21°♐47'34		
inferior conj	-4753 Jan 12 j 01:43	16°♐55'39	4°05'19	
minimum elong	-4753 Jan 12 j 01:38	16°♐55'50	4°05'05	
min. Earth dist.	-4753 Jan 15 j 06:54	14°♐02'13	0.60542 AU	
morning rise	-4753 Jan 18 j 21:44	11°♐17'48		
direct	-4753 Jan 25 j 17:32	9°♐06'56		
desc. node	-4753 Feb 03 j 20:50	12°♐32'40		
morning max el	-4753 Feb 08 j 20:28	16°♐45'15	27°22'32	
	-4753 Feb 19 j 19:54	0°♑		
	-4753 Mar 09 j 11:07	0°♒		
morning set	-4753 Mar 12 j 09:40	5°♒57'12		
max. Earth dist.	-4753 Mar 18 j 21:03	19°♒46'28	1.32632 AU	
superior conj	-4753 Mar 19 j 14:22	21°♒20'59	0°-12'-15	
minimum elong	-4753 Mar 19 j 14:55	21°♒24'00	0°12'19	
behind sun begin	-4753 Mar 19 j 11:45	21°♒06'41		
behind sun end	-4753 Mar 19 j 18:05	21°♒41'19		
asc. node	-4753 Mar 20 j 18:42	23°♒55'52		
	-4753 Mar 23 j 13:36	0°♓		
evening rise	-4753 Mar 26 j 14:43	6°♓30'10		
	-4753 Apr 08 j 02:07	0°♈		
evening max el	-4753 Apr 22 j 21:37	19°♈25'34	25°31'55	
desc. node	-4753 May 02 j 19:23	25°♈56'43		
retrograde	-4753 May 06 j 23:42	26°♈37'56		
evening set	-4753 May 12 j 12:23	25°♈25'41		
min. Earth dist.	-4753 May 17 j 10:09	22°♈37'51	0.58148 AU	
inferior conj	-4753 May 20 j 15:33	20°♈20'44	-3°-53'-42	
minimum elong	-4753 May 20 j 11:50	20°♈27'22	3°53'09	
morning rise	-4753 May 28 j 15:21	16°♈00'48		
direct	-4753 May 31 j 02:15	15°♈41'50		
morning max el	-4753 Jun 08 j 10:39	19°♈37'43	18°48'58	
	-4753 Jun 16 j 07:25	0°♉		
asc. node	-4753 Jun 16 j 18:31	0°♉46'04		
morning set	-4753 Jun 24 j 21:29	15°♉47'18		
	-4753 Jul 02 j 04:38	0°♊		
superior conj	-4753 Jul 03 j 15:15	2°♊45'06	1°48'56	
minimum elong	-4753 Jul 03 j 14:38	2°♊42'12	1°49'09	
max. Earth dist.	-4753 Jul 10 j 12:15	15°♊24'32	1.39059 AU	
evening rise	-4753 Jul 14 j 13:59	22°♊31'19		
	-4753 Jul 19 j 01:07	0°♋		
desc. node	-4753 Jul 29 j 18:03	16°♋41'30		
	-4753 Aug 08 j 04:57	0°♌		
evening max el	-4753 Aug 19 j 00:10	12°♌48'19	24°14'21	
retrograde	-4753 Aug 30 j 02:10	19°♌18'55		
evening set	-4753 Sep 04 j 10:52	17°♌03'00		
min. Earth dist.	-4753 Sep 09 j 05:18	11°♌31'00	0.67254 AU	
inferior conj	-4753 Sep 09 j 19:30	10°♌43'00	0°-59'-9	
minimum elong	-4753 Sep 09 j 20:52	10°♌38'24	0°58'24	
asc. node	-4753 Sep 12 j 17:46	6°♌58'38		
morning rise	-4753 Sep 15 j 07:05	4°♌33'22		
direct	-4753 Sep 19 j 02:05	3°♌11'11		
morning max el	-4753 Sep 27 j 03:48	7°♌54'59	20°36'05	
greatest brilliancy	-4753 Oct 03 j 10:19	15°♌26'10	-0.5m	
	-4753 Oct 13 j 15:12	0°♍		
morning set	-4753 Oct 25 j 11:25	18°♍02'13		
desc. node	-4753 Oct 25 j 17:57	18°♍27'33		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4753 Nov 02 j 01:45	0°♎	
max. Earth dist.	-4753 Nov 04 j 06:40	3°♎32'30	1.43230 AU
superior conj	-4753 Nov 10 j 12:18	13°♎45'28	-1°-28'-54
minimum elong	-4753 Nov 10 j 06:08	13°♎19'49	1°28'24
	-4753 Nov 20 j 00:45	0°♏	
evening rise	-4753 Nov 22 j 20:44	4°♏57'41	
	-4753 Dec 08 j 08:30	0°♐	
asc. node	-4753 Dec 09 j 16:28	1°♐30'29	
evening max el	-4753 Dec 10 j 02:14	1°♐55'39	18°09'11
retrograde	-4753 Dec 16 j 16:27	5°♐24'42	
evening set	-4753 Dec 19 j 09:04	4°♐49'00	
	-4753 Dec 25 j 11:05	30°℞♏	
inferior conj	-4753 Dec 25 j 20:39	29°♏35'28	3°55'31
minimum elong	-4753 Dec 25 j 18:30	29°♏41'01	3°55'04
min. Earth dist.	-4753 Dec 28 j 14:04	26°♏47'56	0.62453 AU
morning rise	-4752 Jan 01 j 01:59	23°♏43'41	
direct	-4752 Jan 08 j 03:45	21°♏06'21	
desc. node	-4752 Jan 21 j 17:53	28°♏30'49	
morning max el	-4752 Jan 22 j 01:07	28°♏48'26	27°41'54
	-4752 Jan 23 j 05:30	0°♐	
	-4752 Feb 13 j 14:47	0°♑	
morning set	-4752 Feb 24 j 13:01	20°♑28'53	
	-4752 Feb 29 j 02:51	0°♒	
max. Earth dist.	-4752 Mar 01 j 06:59	2°♒30'19	1.32958 AU
superior conj	-4752 Mar 03 j 00:22	6°♒13'16	0°-36'-57
minimum elong	-4752 Mar 03 j 01:59	6°♒22'03	0°36'51
asc. node	-4752 Mar 06 j 15:40	14°♒06'29	
evening rise	-4752 Mar 10 j 02:15	21°♒27'52	
	-4752 Mar 14 j 06:34	0°♓	
	-4752 Apr 03 j 07:06	0°♈	
evening max el	-4752 Apr 03 j 14:03	0°♈16'47	24°04'02
retrograde	-4752 Apr 17 j 08:56	7°♈10'45	
desc. node	-4752 Apr 18 j 16:35	7°♈06'49	
evening set	-4752 Apr 21 j 14:33	6°♈30'56	
min. Earth dist.	-4752 Apr 28 j 01:48	3°♈23'48	0.56457 AU
inferior conj	-4752 Apr 30 j 12:09	1°♈53'23	-2°-57'-6
minimum elong	-4752 Apr 30 j 06:28	2°♈02'15	2°55'42
	-4752 May 03 j 16:23	30°℞♓	
morning rise	-4752 May 09 j 02:15	27°♓50'26	
direct	-4752 May 11 j 13:03	27°♓34'37	
	-4752 May 18 j 16:45	0°♈	
morning max el	-4752 May 21 j 07:48	2°♈07'20	19°44'58
asc. node	-4752 Jun 02 j 15:29	19°♈50'34	
morning set	-4752 Jun 07 j 22:47	0°♉08'57	
	-4752 Jun 07 j 21:00	0°♉	
superior conj	-4752 Jun 16 j 00:04	16°♉22'06	1°42'02
minimum elong	-4752 Jun 15 j 21:58	16°♉11'41	1°42'04
max. Earth dist.	-4752 Jun 21 j 15:11	27°♉15'05	1.37180 AU
	-4752 Jun 23 j 02:32	0°♊	
evening rise	-4752 Jun 25 j 14:03	4°♊31'34	
	-4752 Jul 11 j 00:26	0°♋	
desc. node	-4752 Jul 15 j 15:07	6°♋45'31	
evening max el	-4752 Jul 31 j 10:42	26°♋18'19	25°29'49
	-4752 Aug 04 j 16:00	0°♌	
retrograde	-4752 Aug 12 j 12:28	3°♌17'14	
evening set	-4752 Aug 18 j 12:20	0°♌43'48	
	-4752 Aug 19 j 07:20	30°℞♋	
min. Earth dist.	-4752 Aug 22 j 21:46	25°♋49'01	0.66788 AU
inferior conj	-4752 Aug 23 j 23:16	24°♋26'24	-1°-50'-33
minimum elong	-4752 Aug 24 j 01:45	24°♋18'22	1°49'24
morning rise	-4752 Aug 29 j 15:43	18°♋25'50	
asc. node	-4752 Aug 29 j 14:52	18°♋27'12	
direct	-4752 Sep 02 j 00:09	17°♋20'44	
morning max el	-4752 Sep 09 j 07:05	21°♋31'43	19°32'21
	-4752 Sep 16 j 02:20	0°♌	
greatest brilliancy	-4752 Sep 18 j 07:16	3°♌09'24	-0.7m
morning set	-4752 Oct 03 j 13:15	26°♌29'01	
	-4752 Oct 05 j 19:22	0°♍	
desc. node	-4752 Oct 11 j 14:50	9°♍05'34	
max. Earth dist.	-4752 Oct 16 j 20:48	17°♍22'24	1.44358 AU
superior conj	-4752 Oct 20 j 07:19	22°♍50'57	0°-53'-1
minimum elong	-4752 Oct 20 j 01:21	22°♍27'03	0°52'16
	-4752 Oct 24 j 17:53	0°♎	
evening rise	-4752 Nov 03 j 15:37	16°♎19'29	
	-4752 Nov 11 j 20:40	0°♏	
evening max el	-4752 Nov 22 j 14:56	15°♏16'08	18°25'17
asc. node	-4752 Nov 25 j 13:36	17°♏43'33	
retrograde	-4752 Nov 29 j 05:13	18°♏54'02	
evening set	-4752 Dec 02 j 01:51	18°♏09'30	
inferior conj	-4752 Dec 08 j 04:25	12°♏36'43	3°29'03
minimum elong	-4752 Dec 08 j 01:18	12°♏45'37	3°28'14
min. Earth dist.	-4752 Dec 10 j 07:23	10°♏11'17	0.64106 AU
morning rise	-4752 Dec 13 j 23:21	6°♏34'13	
direct	-4752 Dec 20 j 21:23	3°♏45'06	
morning max el	-4751 Jan 03 j 09:49	11°♏26'23	27°25'37
desc. node	-4751 Jan 07 j 14:53	15°♏58'13	
	-4751 Jan 18 j 05:45	0°♐	
	-4751 Feb 05 j 00:20	0°♑	
morning set	-4751 Feb 07 j 08:40	4°♑33'08	
max. Earth dist.	-4751 Feb 12 j 09:35	14°♑45'54	1.33673 AU
superior conj	-4751 Feb 15 j 06:58	20°♑50'52	-1°00'-36
minimum elong	-4751 Feb 15 j 09:29	21°♑04'11	1°00'25
	-4751 Feb 19 j 13:48	0°♒	
asc. node	-4751 Feb 21 j 12:41	4°♒09'12	
evening rise	-4751 Feb 22 j 13:26	6°♒19'20	
	-4751 Mar 07 j 09:53	0°♓	
evening max el	-4751 Mar 16 j 07:26	11°♓01'15	22°29'55
retrograde	-4751 Mar 29 j 06:12	17°♓20'12	
evening set	-4751 Apr 01 j 08:02	16°♓59'23	
desc. node	-4751 Apr 05 j 13:46	15°♓30'16	
min. Earth dist.	-4751 Apr 09 j 16:07	13°♓20'31	0.55407 AU
inferior conj	-4751 Apr 10 j 15:16	12°♓47'30	-1°-22'-20
minimum elong	-4751 Apr 10 j 11:38	12°♓52'42	1°21'14
morning rise	-4751 Apr 19 j 17:20	8°♓49'59	
direct	-4751 Apr 22 j 07:09	8°♓34'41	
morning max el	-4751 May 03 j 18:30	13°♓57'29	21°00'26
	-4751 May 15 j 12:51	0°♈	
asc. node	-4751 May 20 j 12:27	9°♈21'11	
morning set	-4751 May 23 j 05:43	14°♈50'41	
superior conj	-4751 May 30 j 19:41	0°♉33'56	1°28'43
minimum elong	-4751 May 30 j 16:59	0°♉20'05	1°28'31
	-4751 May 30 j 13:05	0°♉	
max. Earth dist.	-4751 Jun 04 j 00:30	9°♉03'09	1.35555 AU
evening rise	-4751 Jun 08 j 09:59	17°♉32'50	
	-4751 Jun 15 j 07:40	0°♊	
desc. node	-4751 Jul 02 j 12:14	26°♊23'52	
	-4751 Jul 05 j 06:25	0°♋	
evening max el	-4751 Jul 13 j 21:33	9°♋47'19	26°31'53
retrograde	-4751 Jul 26 j 18:05	17°♋04'10	
evening set	-4751 Aug 02 j 07:34	14°♋19'14	
min. Earth dist.	-4751 Aug 06 j 08:46	10°♋03'15	0.65969 AU
inferior conj	-4751 Aug 07 j 22:50	8°♋07'24	-2°-38'-30
minimum elong	-4751 Aug 08 j 02:09	7°♋57'18	2°37'12
morning rise	-4751 Aug 13 j 21:41	2°♋19'03	
asc. node	-4751 Aug 16 j 11:58	1°♋28'45	
direct	-4751 Aug 16 j 21:52	1°♋27'47	
morning max el	-4751 Aug 23 j 16:26	5°♋14'42	18°43'42
	-4751 Sep 09 j 18:17	0°♌	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4751 Sep 13 j 11:19	5°♌57'08	
desc. node	-4751 Sep 28 j 11:44	29°♌48'14	
	-4751 Sep 28 j 14:43	0°♍	
superior conj	-4751 Sep 29 j 08:15	1°♍09'05	0°-5'-23
minimum elong	-4751 Sep 29 j 07:34	1°♍06'21	0°05'11
behind sun begin	-4751 Sep 28 j 20:38	0°♍23'18	
behind sun end	-4751 Sep 29 j 18:29	1°♍49'25	
max. Earth dist.	-4751 Sep 29 j 14:06	1°♍32'09	1.44798 AU
evening rise	-4751 Oct 15 j 10:12	26°♍37'27	
	-4751 Oct 17 j 12:53	0°♎	
evening max el	-4751 Nov 06 j 01:52	28°♎41'18	18°59'04
	-4751 Nov 07 j 10:42	0°♏	
asc. node	-4751 Nov 12 j 10:45	2°♏35'21	
retrograde	-4751 Nov 12 j 23:26	2°♏36'56	
evening set	-4751 Nov 16 j 02:00	1°♏41'23	
	-4751 Nov 18 j 06:08	30°℞♎	
inferior conj	-4751 Nov 21 j 21:31	25°♎52'31	2°51'27
minimum elong	-4751 Nov 21 j 18:20	26°♎02'23	2°50'26
min. Earth dist.	-4751 Nov 23 j 10:21	23°♎58'20	0.65424 AU
morning rise	-4751 Nov 27 j 09:40	19°♎42'06	
direct	-4751 Dec 03 j 21:34	16°♎55'02	
morning max el	-4751 Dec 16 j 19:37	24°♎26'17	26°38'38
	-4751 Dec 21 j 21:20	0°♏	
desc. node	-4751 Dec 25 j 11:52	4°♏28'21	
	-4750 Jan 11 j 15:12	0°♐	
morning set	-4750 Jan 21 j 17:03	17°♐58'26	
max. Earth dist.	-4750 Jan 26 j 01:19	26°♐25'18	1.34822 AU
	-4750 Jan 27 j 20:05	0°♑	
superior conj	-4750 Jan 30 j 08:02	5°♑06'49	-1°-21'-58
minimum elong	-4750 Jan 30 j 11:02	5°♑22'19	1°21'49
evening rise	-4750 Feb 06 j 22:28	20°♑58'18	
asc. node	-4750 Feb 08 j 09:45	23°♑59'13	
	-4750 Feb 11 j 10:24	0°♒	
evening max el	-4750 Feb 26 j 07:54	22°♒05'28	21°02'25
retrograde	-4750 Mar 09 j 20:11	27°♒34'37	
evening set	-4750 Mar 12 j 07:09	27°♒20'32	
inferior conj	-4750 Mar 21 j 10:47	23°♒22'20	0°33'05
minimum elong	-4750 Mar 21 j 12:17	23°♒20'12	0°32'24
min. Earth dist.	-4750 Mar 22 j 06:29	22°♒54'15	0.55237 AU
desc. node	-4750 Mar 23 j 10:56	22°♒14'12	
morning rise	-4750 Mar 30 j 16:25	19°♒12'24	
direct	-4750 Apr 02 j 19:17	18°♒51'08	
morning max el	-4750 Apr 15 j 18:39	25°♒07'20	22°31'45
	-4750 Apr 20 j 06:14	0°♓	
asc. node	-4750 May 07 j 09:27	29°♓11'08	
morning set	-4750 May 07 j 16:12	29°♓46'14	
	-4750 May 07 j 18:51	0°♈	
superior conj	-4750 May 14 j 22:46	15°♈10'31	1°10'50
minimum elong	-4750 May 14 j 20:10	14°♈56'45	1°10'28
max. Earth dist.	-4750 May 17 j 19:50	21°♈12'00	1.34283 AU
	-4750 May 22 j 04:11	0°♉	
evening rise	-4750 May 22 j 20:35	1°♉20'34	
	-4750 Jun 08 j 06:39	0°♊	
desc. node	-4750 Jun 19 j 09:22	15°♊25'47	
evening max el	-4750 Jun 26 j 08:52	23°♊08'17	27°12'36
	-4750 Jul 06 j 11:31	0°♋	
retrograde	-4750 Jul 09 j 18:29	0°♋32'37	
	-4750 Jul 12 j 21:31	30°℞♊	
evening set	-4750 Jul 16 j 17:54	27°♊45'59	
min. Earth dist.	-4750 Jul 20 j 12:14	24°♊07'38	0.64776 AU
inferior conj	-4750 Jul 22 j 16:00	21°♊42'45	-3°-20'-35
minimum elong	-4750 Jul 22 j 19:37	21°♊32'35	3°19'27
morning rise	-4750 Jul 28 j 22:47	16°♊09'36	
direct	-4750 Jul 31 j 17:02	15°♊28'59	
asc. node	-4750 Aug 03 j 09:02	16°♊06'29	
morning max el	-4750 Aug 07 j 05:45	19°♊00'16	18°11'43
	-4750 Aug 15 j 09:24	0°♋	
morning set	-4750 Aug 25 j 12:36	16°♋43'42	
	-4750 Sep 02 j 12:52	0°♌	
superior conj	-4750 Sep 08 j 12:37	9°♌41'38	0°42'18
minimum elong	-4750 Sep 08 j 17:24	10°♌00'49	0°41'54
max. Earth dist.	-4750 Sep 12 j 07:34	15°♌43'56	1.44513 AU
desc. node	-4750 Sep 15 j 08:41	20°♌32'34	
	-4750 Sep 21 j 09:39	0°♍	
evening rise	-4750 Sep 25 j 04:26	5°♍52'58	
	-4750 Oct 11 j 00:00	0°♎	
greatest brilliancy	-4750 Oct 12 j 13:07	2°♎13'43	-0.6m
evening max el	-4750 Oct 20 j 08:49	12°♎08'21	19°49'04
retrograde	-4750 Oct 27 j 20:11	16°♎29'37	
asc. node	-4750 Oct 30 j 07:54	15°♎53'36	
evening set	-4750 Oct 31 j 06:55	15°♎20'18	
inferior conj	-4750 Nov 05 j 21:10	9°♎18'35	2°06'32
minimum elong	-4750 Nov 05 j 18:31	9°♎27'15	2°05'34
min. Earth dist.	-4750 Nov 06 j 21:09	7°♎59'44	0.66391 AU
morning rise	-4750 Nov 11 j 05:26	3°♎03'08	
direct	-4750 Nov 17 j 03:34	0°♎28'40	
morning max el	-4750 Nov 29 j 04:40	7°♎36'35	25°29'05
desc. node	-4750 Dec 12 j 08:49	23°♎43'01	
	-4750 Dec 16 j 18:16	0°♏	
morning set	-4749 Jan 04 j 09:23	0°♐30'50	
	-4749 Jan 04 j 02:34	0°♐	
max. Earth dist.	-4749 Jan 08 j 05:23	7°♐36'14	1.36419 AU
superior conj	-4749 Jan 14 j 00:47	18°♐53'09	-1°-39'-22
minimum elong	-4749 Jan 14 j 03:36	19°♐07'08	1°39'22
	-4749 Jan 19 j 12:40	0°♑	
evening rise	-4749 Jan 22 j 03:24	5°♑18'54	
asc. node	-4749 Jan 26 j 06:49	13°♑30'58	
	-4749 Feb 05 j 09:40	0°♒	
evening max el	-4749 Feb 08 j 18:35	3°♒43'18	19°49'42
retrograde	-4749 Feb 18 j 14:12	8°♒22'05	
evening set	-4749 Feb 20 j 22:29	8°♒07'24	
inferior conj	-4749 Mar 01 j 12:38	4°♒05'30	2°17'22
minimum elong	-4749 Mar 01 j 17:34	3°♒57'49	2°15'45
min. Earth dist.	-4749 Mar 03 j 20:52	2°♒38'20	0.55997 AU
	-4749 Mar 08 j 22:45	30°℞♑	
morning rise	-4749 Mar 10 j 09:27	29°♑29'29	
desc. node	-4749 Mar 10 j 08:05	29°♑30'32	
direct	-4749 Mar 14 j 14:04	28°♑50'21	
	-4749 Mar 20 j 02:59	0°♒	
morning max el	-4749 Mar 28 j 11:08	5°♒47'48	24°10'33
	-4749 Apr 14 j 16:13	0°♓	
morning set	-4749 Apr 22 j 04:20	14°♓48'21	
asc. node	-4749 Apr 24 j 06:26	19°♓13'48	
superior conj	-4749 Apr 29 j 06:40	0°♈02'12	0°49'45
minimum elong	-4749 Apr 29 j 04:38	29°♓51'15	0°49'21
	-4749 Apr 29 j 06:16	0°♈	
max. Earth dist.	-4749 May 01 j 00:26	3°♈46'30	1.33380 AU
evening rise	-4749 May 06 j 17:29	15°♈40'15	
	-4749 May 14 j 05:24	0°♉	
	-4749 Jun 03 j 02:40	0°♊	
desc. node	-4749 Jun 06 j 06:31	3°♊34'53	
evening max el	-4749 Jun 08 j 18:54	6°♊08'16	27°25'20
retrograde	-4749 Jun 22 j 12:47	13°♊33'02	
evening set	-4749 Jun 29 j 15:56	10°♊57'38	
min. Earth dist.	-4749 Jul 03 j 06:21	7°♊51'14	0.63206 AU
inferior conj	-4749 Jul 06 j 00:00	5°♊06'00	-3°-53'-30
minimum elong	-4749 Jul 06 j 03:03	4°♊58'17	3°52'49
	-4749 Jul 12 j 08:09	30°℞♉	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning rise	-4749 Jul 12 j 16:15	29°♉51'11		
direct	-4749 Jul 15 j 06:45	29°♉18'36		
	-4749 Jul 18 j 04:35	0°♊		
asc. node	-4749 Jul 21 j 06:06	2°♊08'27		
morning max el	-4749 Jul 21 j 20:29	2°♊42'40	17°57'32	
morning set	-4749 Aug 07 j 14:16	28°♊39'51		
	-4749 Aug 08 j 08:32	0°♋		
superior conj	-4749 Aug 19 j 15:11	19°♋20'41	1°18'58	
minimum elong	-4749 Aug 19 j 20:57	19°♋44'43	1°18'37	
max. Earth dist.	-4749 Aug 25 j 22:30	29°♋40'44	1.43548 AU	
	-4749 Aug 26 j 03:16	0°♌		
desc. node	-4749 Sep 02 j 05:37	11°♌15'15		
evening rise	-4749 Sep 04 j 08:30	14°♌33'07		
	-4749 Sep 14 j 12:00	0°♍		
greatest brilliancy	-4749 Sep 27 j 16:48	18°♍48'47	-0.5m	
evening max el	-4749 Oct 03 j 10:04	25°♍34'52	20°53'03	
	-4749 Oct 09 j 08:03	0°♎		
retrograde	-4749 Oct 11 j 17:10	0°♎28'56		
	-4749 Oct 13 j 23:37	30°℞♍		
evening set	-4749 Oct 15 j 14:24	29°♍03'00		
asc. node	-4749 Oct 17 j 05:02	27°♍37'17		
inferior conj	-4749 Oct 21 j 01:00	22°♍51'43	1°16'55	
minimum elong	-4749 Oct 20 j 23:17	22°♍57'33	1°16'16	
min. Earth dist.	-4749 Oct 21 j 13:31	22°♍09'06	0.67021 AU	
morning rise	-4749 Oct 26 j 07:46	16°♍34'03		
direct	-4749 Oct 31 j 14:35	14°♍18'38		
morning max el	-4749 Nov 11 j 13:24	20°♍50'43	24°06'36	
	-4749 Nov 19 j 10:34	0°♎		
desc. node	-4749 Nov 29 j 05:45	13°♎29'05		
	-4749 Dec 10 j 00:10	0°♏		
morning set	-4749 Dec 17 j 03:47	11°♏54'15		
max. Earth dist.	-4749 Dec 21 j 02:22	18°♏48'55	1.38362 AU	
	-4749 Dec 27 j 04:23	0°♐		
superior conj	-4749 Dec 28 j 05:38	1°♐59'44	-1°-50'-36	
minimum elong	-4749 Dec 28 j 07:12	2°♐07'14	1°50'47	
evening rise	-4748 Jan 06 j 01:54	19°♐14'58		
	-4748 Jan 11 j 16:42	0°♑		
asc. node	-4748 Jan 13 j 03:52	2°♑37'59		
evening max el	-4748 Jan 22 j 15:21	15°♑56'11	18°55'48	
retrograde	-4748 Jan 30 j 23:50	19°♑56'51		
evening set	-4748 Feb 02 j 09:57	19°♑38'02		
inferior conj	-4748 Feb 10 j 07:36	15°♑19'46	3°27'32	
minimum elong	-4748 Feb 10 j 11:55	15°♑12'01	3°26'31	
min. Earth dist.	-4748 Feb 13 j 12:15	13°♑03'27	0.57492 AU	
morning rise	-4748 Feb 18 j 10:14	10°♑15'05		
direct	-4748 Feb 23 j 20:57	9°♑04'15		
desc. node	-4748 Feb 25 j 05:13	9°♑08'36		
morning max el	-4748 Mar 09 j 02:09	16°♑25'38	25°43'24	
	-4748 Mar 20 j 03:08	0°♒		
morning set	-4748 Apr 05 j 16:23	29°♒51'01		
	-4748 Apr 05 j 18:06	0°♓		
asc. node	-4748 Apr 10 j 03:24	9°♓24'21		
superior conj	-4748 Apr 12 j 17:21	15°♓02'10	0°26'31	
minimum elong	-4748 Apr 12 j 16:13	14°♓55'55	0°26'12	
max. Earth dist.	-4748 Apr 13 j 11:21	16°♓40'17	1.32827 AU	
evening rise	-4748 Apr 19 j 21:27	0°♈21'06		
	-4748 Apr 19 j 17:21	0°♈		
	-4748 May 06 j 08:02	0°♉		
evening max el	-4748 May 21 j 01:01	18°♉34'19	27°05'46	
desc. node	-4748 May 23 j 03:40	20°♉28'46		
retrograde	-4748 Jun 04 j 00:06	25°♉56'42		
evening set	-4748 Jun 10 j 21:38	23°♉46'14		
min. Earth dist.	-4748 Jun 14 j 14:26	21°♉00'14	0.61321 AU	
inferior conj	-4748 Jun 17 j 19:33	18°♉09'22	-4°-12'-12	
minimum elong	-4748 Jun 17 j 20:48	18°♉06'33	4°11'59	
morning rise	-4748 Jun 24 j 22:50	13°♉15'37		
direct	-4748 Jun 27 j 11:17	12°♉49'12		
morning max el	-4748 Jul 04 j 09:56	16°♉15'47	18°02'05	
asc. node	-4748 Jul 07 j 03:08	19°♉19'05		
	-4748 Jul 14 j 01:39	0°♊		
morning set	-4748 Jul 20 j 10:55	11°♊31'03		
superior conj	-4748 Jul 30 j 21:28	0°♋22'23	1°40'46	
minimum elong	-4748 Jul 31 j 00:58	0°♋37'42	1°40'48	
	-4748 Jul 30 j 16:22	0°♋		
max. Earth dist.	-4748 Aug 07 j 08:32	13°♋06'09	1.42029 AU	
evening rise	-4748 Aug 13 j 18:10	23°♋30'22		
	-4748 Aug 17 j 21:22	0°♌		
desc. node	-4748 Aug 19 j 02:34	1°♌52'52		
	-4748 Sep 07 j 14:23	0°♍		
greatest brilliancy	-4748 Sep 10 j 10:49	3°♍36'58	-0.3m	
evening max el	-4748 Sep 15 j 04:56	8°♍59'40	22°07'38	
retrograde	-4748 Sep 24 j 12:41	14°♍31'51		
evening set	-4748 Sep 28 j 22:29	12°♍46'58		
asc. node	-4748 Oct 03 j 02:10	8°♍08'19		
inferior conj	-4748 Oct 04 j 07:02	6°♍29'25	0°24'35	
minimum elong	-4748 Oct 04 j 06:28	6°♍31'23	0°24'27	
min. Earth dist.	-4748 Oct 04 j 09:00	6°♍22'37	0.67344 AU	
morning rise	-4748 Oct 09 j 14:17	0°♍12'26		
	-4748 Oct 09 j 20:28	30°℞♌		
direct	-4748 Oct 14 j 05:58	28°♌18'29		
	-4748 Oct 19 j 03:12	0°♍		
morning max el	-4748 Oct 24 j 00:20	4°♍07'53	22°40'26	
greatest brilliancy	-4748 Oct 28 j 18:05	9°♍28'09	-0.3m	
	-4748 Nov 12 j 16:36	0°♎		
desc. node	-4748 Nov 15 j 02:37	3°♎36'42		
morning set	-4748 Nov 26 j 18:38	21°♎55'00		
	-4748 Dec 01 j 15:07	0°♏		
max. Earth dist.	-4748 Dec 01 j 23:43	0°♏36'32	1.40424 AU	
superior conj	-4748 Dec 09 j 17:40	14°♏12'35	-1°-52'-44	
minimum elong	-4748 Dec 09 j 16:40	14°♏08'06	1°52'53	
	-4748 Dec 18 j 05:34	0°♐		
evening rise	-4748 Dec 19 j 15:02	2°♐38'22		
asc. node	-4748 Dec 30 j 00:56	21°♐11'19		
evening max el	-4747 Jan 04 j 20:06	28°♐37'23	18°22'02	
	-4747 Jan 06 j 09:47	0°♑		
retrograde	-4747 Jan 12 j 04:08	2°♑15'18		
evening set	-4747 Jan 14 j 16:28	1°♑50'51		
	-4747 Jan 18 j 07:40	30°℞♐		
inferior conj	-4747 Jan 21 j 22:57	27°♐11'24	4°00'27	
minimum elong	-4747 Jan 22 j 00:30	27°♐08'10	4°00'06	
min. Earth dist.	-4747 Jan 25 j 07:25	24°♐24'44	0.59393 AU	
morning rise	-4747 Jan 29 j 05:20	21°♐43'21		
direct	-4747 Feb 04 j 16:03	19°♐53'37		
desc. node	-4747 Feb 11 j 02:18	21°♐35'32		
morning max el	-4747 Feb 18 j 21:23	27°♐27'53	26°55'19	
	-4747 Feb 21 j 08:27	0°♑		
	-4747 Mar 13 j 14:13	0°♒		
morning set	-4747 Mar 21 j 02:38	14°♒47'33		
superior conj	-4747 Mar 28 j 05:05	0°♓03'57	0°02'03	
minimum elong	-4747 Mar 28 j 05:00	0°♓03'28	0°01'55	
behind sun begin	-4747 Mar 28 j 00:02	29°♒36'17		
behind sun end	-4747 Mar 28 j 09:58	0°♓30'40		
max. Earth dist.	-4747 Mar 28 j 00:51	29°♒40'49	1.32604 AU	
asc. node	-4747 Mar 28 j 00:22	29°♒38'10		
	-4747 Mar 28 j 04:22	0°♓		
evening rise	-4747 Apr 04 j 05:55	15°♓14'11		
	-4747 Apr 11 j 17:31	0°♈		
	-4747 May 02 j 17:24	0°♉		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4747 May 03 j 01:05	0°♉18'31	26°14'03
desc. node	-4747 May 10 j 00:50	5°♉37'04	
retrograde	-4747 May 17 j 03:13	7°♉36'51	
evening set	-4747 May 23 j 07:17	6°♉02'06	
min. Earth dist.	-4747 May 27 j 13:52	3°♉19'53	0.59278 AU
inferior conj	-4747 May 30 j 23:00	0°♉43'48	-4°-9'-9
minimum elong	-4747 May 30 j 21:13	0°♉47'15	4°08'56
	-4747 May 31 j 21:49	30°℞♈	
morning rise	-4747 Jun 07 j 14:56	26°♈12'19	
direct	-4747 Jun 10 j 02:15	25°♈50'58	
morning max el	-4747 Jun 17 j 19:21	29°♈32'00	18°26'11
	-4747 Jun 18 j 06:51	0°♉	
asc. node	-4747 Jun 24 j 00:08	7°♉23'37	
morning set	-4747 Jul 03 j 21:39	25°♉05'01	
	-4747 Jul 06 j 11:15	0°♊	
superior conj	-4747 Jul 13 j 03:54	12°♊37'21	1°49'06
minimum elong	-4747 Jul 13 j 04:35	12°♊40'33	1°49'19
max. Earth dist.	-4747 Jul 20 j 12:37	25°♊47'34	1.40168 AU
	-4747 Jul 22 j 23:35	0°♋	
evening rise	-4747 Jul 25 j 01:55	3°♋31'11	
desc. node	-4747 Aug 05 j 23:35	22°♋21'49	
	-4747 Aug 11 j 03:52	0°♌	
evening max el	-4747 Aug 28 j 18:32	22°♌24'59	23°27'59
retrograde	-4747 Sep 08 j 05:27	28°♌36'13	
evening set	-4747 Sep 13 j 05:28	26°♌31'23	
min. Earth dist.	-4747 Sep 18 j 05:20	20°♌39'20	0.67370 AU
inferior conj	-4747 Sep 18 j 13:34	20°♌11'04	0°-28'-39
minimum elong	-4747 Sep 18 j 14:14	20°♌08'48	0°28'14
asc. node	-4747 Sep 19 j 23:17	18°♌17'02	
morning rise	-4747 Sep 23 j 23:05	13°♌57'46	
direct	-4747 Sep 28 j 00:59	12°♌24'42	
morning max el	-4747 Oct 06 j 16:29	17°♌31'26	21°18'41
greatest brilliancy	-4747 Oct 12 j 01:14	23°♌45'33	-0.4m
	-4747 Oct 16 j 17:23	0°♍	
desc. node	-4747 Nov 01 j 23:30	23°♍59'54	
	-4747 Nov 05 j 20:10	0°♎	
morning set	-4747 Nov 06 j 06:27	0°♎40'20	
max. Earth dist.	-4747 Nov 14 j 02:39	13°♎14'59	1.42321 AU
superior conj	-4747 Nov 21 j 07:17	25°♎18'16	-1°-42'-6
minimum elong	-4747 Nov 21 j 02:48	24°♎59'01	1°41'55
	-4747 Nov 24 j 00:28	0°♏	
evening rise	-4747 Dec 02 j 15:17	15°♏21'40	
	-4747 Dec 10 j 21:39	0°♐	
asc. node	-4747 Dec 16 j 22:01	9°♐00'45	
evening max el	-4747 Dec 19 j 06:11	11°♐39'36	18°08'17
retrograde	-4747 Dec 26 j 00:20	15°♐08'29	
evening set	-4747 Dec 28 j 15:04	14°♐37'23	
inferior conj	-4746 Jan 04 j 08:53	9°♐36'08	4°03'37
minimum elong	-4746 Jan 04 j 07:47	9°♐38'46	4°03'19
min. Earth dist.	-4746 Jan 07 j 09:43	6°♐42'29	0.61379 AU
morning rise	-4746 Jan 10 j 22:04	3°♐51'30	
direct	-4746 Jan 17 j 21:40	1°♐27'32	
desc. node	-4746 Jan 28 j 23:21	6°♐27'12	
morning max el	-4746 Jan 31 j 22:53	9°♐08'46	27°35'11
	-4746 Feb 17 j 02:08	0°♑	
morning set	-4746 Mar 05 j 09:10	29°♑30'46	
	-4746 Mar 05 j 14:52	0°♒	
max. Earth dist.	-4746 Mar 11 j 13:03	12°♒34'02	1.32721 AU
superior conj	-4746 Mar 12 j 16:13	15°♒01'37	0°-22'-49
minimum elong	-4746 Mar 12 j 17:14	15°♒07'10	0°22'48
asc. node	-4746 Mar 14 j 21:21	19°♒51'12	
evening rise	-4746 Mar 19 j 16:52	0°♓12'04	
	-4746 Mar 19 j 14:35	0°♓	
	-4746 Apr 05 j 07:38	0°♈	

evening max el	-4746 Apr 14 j 19:22	11°♈24'25	24°56'12
desc. node	-4746 Apr 26 j 22:01	18°♈23'01	
retrograde	-4746 Apr 28 j 20:05	18°♈31'38	
evening set	-4746 May 03 j 19:42	17°♈34'32	
min. Earth dist.	-4746 May 09 j 07:43	14°♈39'44	0.57359 AU
inferior conj	-4746 May 12 j 07:11	12°♈40'23	-3°-34'-36
minimum elong	-4746 May 12 j 02:17	12°♈48'38	3°33'40
morning rise	-4746 May 20 j 13:06	8°♈28'49	
direct	-4746 May 22 j 23:37	8°♈11'32	
morning max el	-4746 May 31 j 21:48	12°♈21'32	19°10'25
asc. node	-4746 Jun 10 j 21:08	26°♈09'07	
	-4746 Jun 13 j 00:12	0°♉	
morning set	-4746 Jun 17 j 18:31	9°♉11'16	
superior conj	-4746 Jun 26 j 04:35	25°♉48'22	1°46'56
minimum elong	-4746 Jun 26 j 03:13	25°♉41'46	1°47'05
	-4746 Jun 28 j 09:04	0°♊	
max. Earth dist.	-4746 Jul 02 j 13:46	7°♊48'29	1.38229 AU
evening rise	-4746 Jul 06 j 12:07	14°♊49'43	
	-4746 Jul 15 j 14:17	0°♋	
desc. node	-4746 Jul 23 j 20:39	12°♋36'34	
	-4746 Aug 05 j 20:45	0°♌	
evening max el	-4746 Aug 11 j 05:27	5°♌52'56	24°47'36
retrograde	-4746 Aug 22 j 18:24	12°♌37'33	
evening set	-4746 Aug 28 j 09:30	10°♌13'48	
min. Earth dist.	-4746 Sep 02 j 00:00	4°♌57'06	0.67091 AU
inferior conj	-4746 Sep 02 j 18:52	3°♌54'16	-1°-21'-14
minimum elong	-4746 Sep 02 j 20:43	3°♌48'05	1°20'18
	-4746 Sep 05 j 21:58	30°℞♋	
asc. node	-4746 Sep 06 j 20:24	29°♋02'16	
morning rise	-4746 Sep 08 j 08:18	27°♋47'53	
direct	-4746 Sep 11 j 22:27	26°♋33'24	
	-4746 Sep 18 j 13:56	0°♌	
morning max el	-4746 Sep 19 j 15:35	1°♌02'42	20°07'13
greatest brilliancy	-4746 Sep 26 j 20:24	9°♌55'20	-0.6m
	-4746 Oct 10 j 10:26	0°♍	
morning set	-4746 Oct 16 j 05:05	8°♍53'46	
desc. node	-4746 Oct 19 j 20:25	14°♍33'31	
max. Earth dist.	-4746 Oct 27 j 12:40	26°♍41'16	1.43787 AU
	-4746 Oct 29 j 14:12	0°♎	
superior conj	-4746 Nov 01 j 17:52	5°♎06'48	-1°-15'-35
minimum elong	-4746 Nov 01 j 11:09	4°♎39'24	1°14'55
evening rise	-4746 Nov 14 j 22:15	27°♎15'40	
	-4746 Nov 16 j 12:25	0°♏	
evening max el	-4746 Dec 02 j 18:48	24°♏55'40	18°13'49
asc. node	-4746 Dec 03 j 19:07	25°♏53'29	
retrograde	-4746 Dec 09 j 08:07	28°♏27'08	
evening set	-4746 Dec 12 j 02:14	27°♏47'58	
inferior conj	-4746 Dec 18 j 09:45	22°♏26'15	3°45'54
minimum elong	-4746 Dec 18 j 07:04	22°♏33'30	3°45'18
min. Earth dist.	-4746 Dec 20 j 21:18	19°♏46'14	0.63199 AU
morning rise	-4746 Dec 24 j 10:11	16°♏29'35	
direct	-4746 Dec 31 j 11:30	13°♏44'59	
morning max el	-4745 Jan 14 j 05:29	21°♏27'57	27°39'00
desc. node	-4745 Jan 15 j 20:23	23°♏07'15	
	-4745 Jan 21 j 17:45	0°♐	
	-4745 Feb 10 j 03:05	0°♑	
morning set	-4745 Feb 17 j 09:40	13°♑52'34	
max. Earth dist.	-4745 Feb 22 j 20:12	25°♑06'52	1.33207 AU
superior conj	-4745 Feb 25 j 01:05	29°♑49'14	0°-47'-11
minimum elong	-4745 Feb 25 j 03:06	0°♒00'09	0°47'02
	-4745 Feb 25 j 03:05	0°♒	
asc. node	-4745 Mar 01 j 18:21	9°♒59'23	
evening rise	-4745 Mar 04 j 04:31	15°♒08'22	
	-4745 Mar 11 j 16:57	0°♓	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4745 Mar 27 j 11:40	22°♓10'36	23°24'01
retrograde	-4745 Apr 10 j 00:09	28°♓51'37	
evening set	-4745 Apr 13 j 16:31	28°♓21'55	
desc. node	-4745 Apr 13 j 19:12	28°♓20'07	
min. Earth dist.	-4745 Apr 20 j 22:56	25°♓02'50	0.55910 AU
inferior conj	-4745 Apr 22 j 19:45	23°♓56'17	-2°-21'-6
minimum elong	-4745 Apr 22 j 14:22	24°♓04'19	2°19'36
morning rise	-4745 May 01 j 15:27	19°♓57'04	
direct	-4745 May 04 j 02:44	19°♓41'57	
morning max el	-4745 May 14 j 14:42	24°♓35'23	20°14'46
	-4745 May 19 j 09:24	0°♈	
asc. node	-4745 May 28 j 18:09	15°♈26'01	
morning set	-4745 Jun 01 j 22:32	23°♈42'19	
	-4745 Jun 05 j 00:26	0°♉	
superior conj	-4745 Jun 09 j 18:28	9°♉41'26	1°37'03
minimum elong	-4745 Jun 09 j 16:01	9°♉29'04	1°36'58
max. Earth dist.	-4745 Jun 14 j 18:45	19°♉34'25	1.36451 AU
evening rise	-4745 Jun 18 j 21:23	27°♉18'07	
	-4745 Jun 20 j 08:57	0°♊	
	-4745 Jul 08 j 23:03	0°♋	
desc. node	-4745 Jul 10 j 17:43	2°♋30'29	
evening max el	-4745 Jul 24 j 16:13	19°♋23'36	25°58'26
retrograde	-4745 Aug 06 j 02:45	26°♋31'11	
evening set	-4745 Aug 12 j 08:35	23°♋52'16	
min. Earth dist.	-4745 Aug 16 j 14:32	19°♋13'37	0.66483 AU
inferior conj	-4745 Aug 17 j 21:06	17°♋36'52	-2°-11'-27
minimum elong	-4745 Aug 17 j 23:59	17°♋27'45	2°10'12
morning rise	-4745 Aug 23 j 16:03	11°♋40'50	
asc. node	-4745 Aug 24 j 17:32	11°♋08'08	
direct	-4745 Aug 26 j 20:44	10°♋41'52	
morning max el	-4745 Sep 02 j 21:32	14°♋41'37	19°09'38
	-4745 Sep 14 j 05:35	0°♌	
morning set	-4745 Sep 25 j 13:43	17°♌41'41	
	-4745 Oct 03 j 09:33	0°♍	
desc. node	-4745 Oct 06 j 17:19	5°♍13'42	
max. Earth dist.	-4745 Oct 10 j 04:32	10°♍41'44	1.44636 AU
superior conj	-4745 Oct 12 j 03:13	13°♍46'22	0°-33'-41
minimum elong	-4745 Oct 11 j 23:00	13°♍29'40	0°33'04
	-4745 Oct 22 j 06:36	0°♎	
evening rise	-4745 Oct 27 j 07:09	8°♎10'47	
	-4745 Nov 09 j 21:01	0°♏	
evening max el	-4745 Nov 16 j 07:09	8°♏19'12	18°37'37
asc. node	-4745 Nov 20 j 16:16	11°♏34'12	
retrograde	-4745 Nov 22 j 23:31	12°♏03'10	
evening set	-4745 Nov 25 j 22:31	11°♏14'07	
inferior conj	-4745 Dec 01 j 21:52	5°♏34'13	3°14'10
minimum elong	-4745 Dec 01 j 18:38	5°♏43'49	3°13'15
min. Earth dist.	-4745 Dec 03 j 18:42	3°♏21'25	0.64716 AU
	-4745 Dec 06 j 23:06	30°℞♎	
morning rise	-4745 Dec 07 j 13:33	29°♎28'19	
direct	-4745 Dec 14 j 08:04	26°♎38'31	
	-4745 Dec 22 j 16:50	0°♏	
morning max el	-4745 Dec 27 j 14:45	4°♏16'09	27°08'56
desc. node	-4744 Jan 02 j 17:23	11°♏04'00	
	-4744 Jan 16 j 05:26	0°♐	
morning set	-4744 Feb 01 j 01:00	27°♐41'41	
	-4744 Feb 02 j 05:19	0°♑	
max. Earth dist.	-4744 Feb 05 j 18:29	7°♑07'22	1.34111 AU
superior conj	-4744 Feb 09 j 05:38	14°♑18'51	-1°-10'-1
minimum elong	-4744 Feb 09 j 08:25	14°♑33'27	1°09'50
evening rise	-4744 Feb 16 j 15:01	29°♑55'35	
asc. node	-4744 Feb 16 j 15:22	29°♑57'24	
	-4744 Feb 16 j 15:52	0°♒	
	-4744 Mar 05 j 10:44	0°♓	

evening max el	-4744 Mar 08 j 07:34	3°♓01'09	21°51'16
retrograde	-4744 Mar 20 j 16:41	8°♓59'18	
evening set	-4744 Mar 23 j 10:39	8°♓42'27	
desc. node	-4744 Mar 30 j 16:22	5°♓47'51	
inferior conj	-4744 Apr 01 j 18:01	4°♓38'48	0°-34'-7
minimum elong	-4744 Apr 01 j 16:26	4°♓41'02	0°33'43
min. Earth dist.	-4744 Apr 01 j 13:01	4°♓45'50	0.55227 AU
morning rise	-4744 Apr 10 j 23:00	0°♓38'18	
direct	-4744 Apr 13 j 17:07	0°♓21'23	
morning max el	-4744 Apr 25 j 20:36	6°♓07'00	21°37'40
	-4744 May 12 j 01:29	0°♈	
asc. node	-4744 May 14 j 15:09	5°♈05'32	
morning set	-4744 May 16 j 07:14	8°♈30'34	
superior conj	-4744 May 23 j 17:36	24°♈04'23	1°21'35
minimum elong	-4744 May 23 j 14:52	23°♈50'11	1°21'19
	-4744 May 26 j 14:38	0°♉	
max. Earth dist.	-4744 May 27 j 08:30	1°♉30'39	1.34974 AU
evening rise	-4744 Jun 01 j 00:08	10°♉40'30	
	-4744 Jun 11 j 19:57	0°♊	
desc. node	-4744 Jun 26 j 14:50	21°♊54'30	
	-4744 Jul 03 j 09:08	0°♋	
evening max el	-4744 Jul 06 j 03:31	2°♋50'39	26°52'18
retrograde	-4744 Jul 19 j 05:57	10°♋10'52	
evening set	-4744 Jul 26 j 00:22	7°♋23'57	
min. Earth dist.	-4744 Jul 29 j 22:30	3°♋24'24	0.65510 AU
inferior conj	-4744 Jul 31 j 18:14	1°♋15'44	-2°-57'-15
minimum elong	-4744 Jul 31 j 21:46	1°♋05'20	2°55'59
	-4744 Aug 01 j 20:15	30°℞♊	
morning rise	-4744 Aug 06 j 20:16	25°♊33'26	
direct	-4744 Aug 09 j 17:45	24°♊46'54	
asc. node	-4744 Aug 10 j 14:39	24°♊51'05	
morning max el	-4744 Aug 16 j 08:50	28°♊25'47	18°28'01
	-4744 Aug 17 j 19:26	0°♋	
morning set	-4744 Sep 04 j 23:20	27°♋43'27	
	-4744 Sep 06 j 08:52	0°♌	
superior conj	-4744 Sep 20 j 02:37	22°♌01'53	0°15'38
minimum elong	-4744 Sep 20 j 04:38	22°♌09'53	0°15'32
behind sun begin	-4744 Sep 20 j 01:10	21°♌56'11	
behind sun end	-4744 Sep 20 j 08:06	22°♌23'35	
max. Earth dist.	-4744 Sep 21 j 22:51	24°♌56'38	1.44765 AU
desc. node	-4744 Sep 22 j 14:14	25°♌57'19	
	-4744 Sep 25 j 03:52	0°♍	
evening rise	-4744 Oct 06 j 14:57	18°♍01'22	
	-4744 Oct 14 j 05:54	0°♎	
greatest brilliancy	-4744 Oct 19 j 10:06	7°♎59'19	-0.7m
evening max el	-4744 Oct 29 j 16:40	21°♎45'45	19°18'27
retrograde	-4744 Nov 05 j 19:11	25°♎51'13	
asc. node	-4744 Nov 06 j 13:25	25°♎47'53	
evening set	-4744 Nov 09 j 01:02	24°♎49'57	
inferior conj	-4744 Nov 14 j 18:05	18°♎55'00	2°33'08
minimum elong	-4744 Nov 14 j 15:04	19°♎04'37	2°32'06
min. Earth dist.	-4744 Nov 16 j 01:09	17°♎15'58	0.65877 AU
morning rise	-4744 Nov 20 j 04:17	12°♎42'17	
direct	-4744 Nov 26 j 10:34	9°♎59'51	
morning max el	-4744 Dec 09 j 00:26	17°♎22'11	26°11'23
desc. node	-4744 Dec 19 j 14:21	29°♎55'02	
	-4744 Dec 19 j 15:50	0°♏	
	-4743 Jan 08 j 03:23	0°♐	
morning set	-4743 Jan 14 j 03:13	10°♐46'23	
max. Earth dist.	-4743 Jan 18 j 05:30	18°♐34'30	1.35459 AU
superior conj	-4743 Jan 23 j 03:32	28°♐23'19	-1°-29'-56
minimum elong	-4743 Jan 23 j 06:34	28°♐38'43	1°29'51
	-4743 Jan 23 j 22:28	0°♑	
evening rise	-4743 Jan 30 j 22:35	14°♑27'50	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4743 Feb 02 j 12:23	19°♉40'21		
	-4743 Feb 08 j 00:27	0°♒		
evening max el	-4743 Feb 18 j 12:03	14°♒18'01	20°29'10	
retrograde	-4743 Mar 01 j 06:55	19°♒25'12		
evening set	-4743 Mar 03 j 15:49	19°♒11'23		
inferior conj	-4743 Mar 12 j 14:27	15°♒13'06	1°20'31	
minimum elong	-4743 Mar 12 j 17:52	15°♒08'05	1°19'13	
min. Earth dist.	-4743 Mar 14 j 03:00	14°♒19'34	0.55462 AU	
desc. node	-4743 Mar 17 j 13:31	12°♒27'53		
morning rise	-4743 Mar 21 j 17:56	10°♒53'30		
direct	-4743 Mar 25 j 06:23	10°♒26'33		
morning max el	-4743 Apr 07 j 16:53	17°♒01'35	23°13'36	
	-4743 Apr 18 j 01:26	0°♓		
morning set	-4743 Apr 30 j 18:36	23°♓29'27		
asc. node	-4743 May 01 j 12:06	25°♓01'13		
	-4743 May 03 j 20:23	0°♈		
superior conj	-4743 May 07 j 22:59	8°♈47'56	1°02'12	
minimum elong	-4743 May 07 j 20:34	8°♈35'05	1°01'49	
max. Earth dist.	-4743 May 10 j 08:04	13°♈50'25	1.33856 AU	
evening rise	-4743 May 15 j 15:31	24°♈42'35		
	-4743 May 18 j 08:41	0°♉		
	-4743 Jun 05 j 08:24	0°♊		
desc. node	-4743 Jun 13 j 11:58	10°♊35'45		
evening max el	-4743 Jun 18 j 14:22	16°♊03'07	27°21'42	
retrograde	-4743 Jul 02 j 03:43	23°♊28'14		
evening set	-4743 Jul 09 j 05:52	20°♊44'22		
min. Earth dist.	-4743 Jul 12 j 21:54	17°♊21'02	0.64152 AU	
inferior conj	-4743 Jul 15 j 07:48	14°♊45'54	-3°-35'-57	
minimum elong	-4743 Jul 15 j 11:19	14°♊36'29	3°35'00	
morning rise	-4743 Jul 21 j 18:27	9°♊20'33		
direct	-4743 Jul 24 j 10:54	8°♊43'38		
asc. node	-4743 Jul 28 j 11:44	10°♊06'03		
morning max el	-4743 Jul 30 j 23:06	12°♊10'29	18°03'31	
	-4743 Aug 12 j 04:40	0°♋		
morning set	-4743 Aug 17 j 11:30	9°♋00'33		
	-4743 Aug 30 j 00:35	0°♌		
superior conj	-4743 Aug 30 j 14:47	0°♌57'46	0°59'37	
minimum elong	-4743 Aug 30 j 20:34	1°♌21'16	0°59'10	
max. Earth dist.	-4743 Sep 04 j 15:45	9°♌04'28	1.44173 AU	
desc. node	-4743 Sep 09 j 11:10	16°♌40'51		
evening rise	-4743 Sep 16 j 01:07	26°♌55'56		
	-4743 Sep 18 j 00:50	0°♍		
greatest brilliancy	-4743 Oct 06 j 02:31	26°♍52'12	-0.6m	
	-4743 Oct 08 j 10:58	0°♎		
evening max el	-4743 Oct 12 j 21:13	5°♎11'42	20°14'42	
retrograde	-4743 Oct 20 j 16:23	9°♎46'33		
evening set	-4743 Oct 24 j 07:16	8°♎30'28		
asc. node	-4743 Oct 24 j 10:34	8°♎24'34		
inferior conj	-4743 Oct 29 j 19:45	2°♎23'59	1°45'57	
minimum elong	-4743 Oct 29 j 17:28	2°♎31'37	1°45'05	
min. Earth dist.	-4743 Oct 30 j 14:38	1°♎20'42	0.66692 AU	
	-4743 Oct 31 j 15:11	30°℞♍		
morning rise	-4743 Nov 04 j 03:05	26°♍07'05		
direct	-4743 Nov 09 j 18:37	23°♍40'25		
	-4743 Nov 20 j 19:18	0°♎		
morning max el	-4743 Nov 21 j 09:23	0°♎34'56	24°55'06	
desc. node	-4743 Dec 06 j 11:17	19°♎23'50		
	-4743 Dec 13 j 15:08	0°♏		
morning set	-4743 Dec 27 j 11:00	22°♏51'17		
max. Earth dist.	-4743 Dec 31 j 05:52	29°♏42'06	1.37213 AU	
	-4743 Dec 31 j 09:45	0°♐		
superior conj	-4742 Jan 06 j 15:41	11°♐53'29	-1°-45'-3	
minimum elong	-4742 Jan 06 j 18:07	12°♐05'24	1°45'08	
evening rise	-4742 Jan 15 j 01:04	28°♐38'32		
	-4742 Jan 15 j 17:24	0°♑		
asc. node	-4742 Jan 20 j 09:25	9°♑02'19		
evening max el	-4742 Feb 01 j 03:06	26°♑10'47	19°24'17	
	-4742 Feb 07 j 01:24	0°♒		
retrograde	-4742 Feb 10 j 06:59	0°♒31'56		
evening set	-4742 Feb 12 j 15:35	0°♒15'55		
	-4742 Feb 13 j 15:34	30°℞♑		
inferior conj	-4742 Feb 20 j 22:46	26°♑08'02	2°51'53	
minimum elong	-4742 Feb 21 j 03:52	25°♑59'36	2°50'24	
min. Earth dist.	-4742 Feb 23 j 17:48	24°♑18'04	0.56557 AU	
morning rise	-4742 Mar 01 j 12:30	21°♑19'03		
desc. node	-4742 Mar 04 j 10:38	20°♑35'36		
direct	-4742 Mar 06 j 05:47	20°♑28'05		
morning max el	-4742 Mar 20 j 08:10	27°♑38'16	24°51'43	
	-4742 Mar 22 j 15:39	0°♒		
	-4742 Apr 11 j 02:10	0°♓		
morning set	-4742 Apr 15 j 06:55	8°♓32'53		
asc. node	-4742 Apr 18 j 09:03	15°♓07'54		
superior conj	-4742 Apr 22 j 08:20	23°♓44'29	0°40'06	
minimum elong	-4742 Apr 22 j 06:39	23°♓35'21	0°39'44	
max. Earth dist.	-4742 Apr 23 j 15:39	26°♓33'57	1.33098 AU	
	-4742 Apr 25 j 06:02	0°♈		
evening rise	-4742 Apr 29 j 15:47	9°♈12'41		
	-4742 May 10 j 17:54	0°♉		
desc. node	-4742 May 31 j 09:06	28°♉16'19		
evening max el	-4742 May 31 j 22:50	28°♉49'41	27°21'02	
	-4742 Jun 02 j 05:10	0°♊		
retrograde	-4742 Jun 14 j 19:28	6°♊14'36		
evening set	-4742 Jun 21 j 21:31	3°♊47'52		
min. Earth dist.	-4742 Jun 25 j 11:45	0°♊52'03	0.62431 AU	
	-4742 Jun 26 j 09:57	30°℞♉		
inferior conj	-4742 Jun 28 j 10:56	28°♉01'53	-4°-3'-36	
minimum elong	-4742 Jun 28 j 13:24	27°♉55'58	4°03'08	
morning rise	-4742 Jul 05 j 07:43	22°♉56'01		
direct	-4742 Jul 07 j 21:03	22°♉26'24		
morning max el	-4742 Jul 14 j 13:43	25°♉50'26	17°57'09	
asc. node	-4742 Jul 15 j 08:47	26°♉39'27		
	-4742 Jul 18 j 02:25	0°♊		
morning set	-4742 Jul 30 j 21:55	21°♊21'42		
	-4742 Aug 04 j 18:17	0°♋		
superior conj	-4742 Aug 11 j 05:18	11°♋12'30	1°30'00	
minimum elong	-4742 Aug 11 j 10:19	11°♋33'50	1°29'50	
max. Earth dist.	-4742 Aug 18 j 04:17	22°♋47'39	1.42953 AU	
	-4742 Aug 22 j 15:43	0°♌		
evening rise	-4742 Aug 26 j 04:57	5°♌35'50		
desc. node	-4742 Aug 27 j 08:07	7°♌21'42		
	-4742 Sep 11 j 10:04	0°♍		
greatest brilliancy	-4742 Sep 20 j 15:30	12°♍37'39	-0.4m	
evening max el	-4742 Sep 25 j 19:38	18°♍36'41	21°23'45	
retrograde	-4742 Oct 04 j 12:59	23°♍47'04		
evening set	-4742 Oct 08 j 15:13	22°♍13'29		
asc. node	-4742 Oct 11 j 07:43	19°♍32'30		
inferior conj	-4742 Oct 14 j 00:45	15°♍59'03	0°54'57	
minimum elong	-4742 Oct 13 j 23:30	16°♍03'20	0°54'30	
min. Earth dist.	-4742 Oct 14 j 08:45	15°♍31'33	0.67192 AU	
morning rise	-4742 Oct 19 j 07:27	9°♍41'01		
direct	-4742 Oct 24 j 07:42	7°♍34'30		
morning max el	-4742 Nov 03 j 18:37	13°♍49'34	23°29'47	
	-4742 Nov 16 j 20:21	0°♎		
desc. node	-4742 Nov 23 j 08:11	9°♎19'31		
	-4742 Dec 06 j 13:19	0°♏		
morning set	-4742 Dec 08 j 18:10	3°♏40'15		
max. Earth dist.	-4742 Dec 13 j 01:27	11°♏02'59	1.39234 AU	
superior conj	-4742 Dec 20 j 13:59	24°♏38'25	-1°-52'-50	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4742 Dec 20 j 14:38	24°♏41'27	1°53'02
	-4742 Dec 23 j 10:15	0°♐	
evening rise	-4742 Dec 29 j 19:57	12°♐21'00	
asc. node	-4741 Jan 07 j 06:29	27°♐55'57	
	-4741 Jan 08 j 12:49	0°♑	
evening max el	-4741 Jan 15 j 03:38	8°♑36'53	18°39'03
retrograde	-4741 Jan 23 j 00:22	12°♑25'46	
evening set	-4741 Jan 25 j 11:25	12°♑04'44	
inferior conj	-4741 Feb 02 j 02:23	7°♑38'11	3°45'44
minimum elong	-4741 Feb 02 j 05:38	7°♑31'58	3°45'03
min. Earth dist.	-4741 Feb 05 j 10:41	5°♑05'53	0.58268 AU
morning rise	-4741 Feb 09 j 20:14	2°♑22'36	
direct	-4741 Feb 15 j 18:32	0°♑55'02	
desc. node	-4741 Feb 19 j 07:45	1°♑26'00	
morning max el	-4741 Mar 02 j 00:23	8°♑23'33	26°17'17
	-4741 Mar 18 j 06:33	0°♒	
morning set	-4741 Mar 30 j 18:25	23°♒33'42	
	-4741 Apr 02 j 19:02	0°♓	
asc. node	-4741 Apr 05 j 05:59	5°♓20'15	
superior conj	-4741 Apr 06 j 19:41	8°♓46'14	0°16'16
minimum elong	-4741 Apr 06 j 18:58	8°♓42'21	0°16'00
max. Earth dist.	-4741 Apr 07 j 03:59	9°♓31'37	1.32690 AU
evening rise	-4741 Apr 13 j 21:58	23°♓59'59	
	-4741 Apr 16 j 20:47	0°♈	
	-4741 May 04 j 17:02	0°♉	
evening max el	-4741 May 14 j 02:39	10°♉58'53	26°47'33
desc. node	-4741 May 18 j 06:16	14°♉29'40	
retrograde	-4741 May 28 j 03:45	18°♉20'06	
evening set	-4741 Jun 03 j 19:07	16°♉24'11	
min. Earth dist.	-4741 Jun 07 j 16:10	13°♉41'36	0.60455 AU
inferior conj	-4741 Jun 11 j 00:06	10°♉54'21	-4°-14'-9
minimum elong	-4741 Jun 11 j 00:12	10°♉54'08	4°14'02
morning rise	-4741 Jun 18 j 08:34	6°♉09'50	
direct	-4741 Jun 20 j 20:21	5°♉45'46	
morning max el	-4741 Jun 28 j 01:48	9°♉17'19	18°09'50
asc. node	-4741 Jul 02 j 05:47	14°♉14'36	
	-4741 Jul 11 j 14:37	0°♊	
morning set	-4741 Jul 14 j 01:09	4°♊32'27	
superior conj	-4741 Jul 23 j 22:31	22°♊46'49	1°45'46
minimum elong	-4741 Jul 24 j 00:47	22°♊56'57	1°45'55
	-4741 Jul 28 j 00:45	0°♋	
max. Earth dist.	-4741 Jul 31 j 11:21	5°♋53'29	1.41268 AU
evening rise	-4741 Aug 05 j 22:44	14°♋56'25	
desc. node	-4741 Aug 14 j 05:07	27°♋56'05	
	-4741 Aug 15 j 13:43	0°♌	
greatest brilliancy	-4741 Sep 03 j 16:26	26°♌37'37	-0.3m
	-4741 Sep 06 j 14:08	0°♍	
evening max el	-4741 Sep 08 j 12:09	2°♍01'45	22°41'35
retrograde	-4741 Sep 18 j 07:24	7°♍50'32	
evening set	-4741 Sep 22 j 23:02	5°♍57'27	
inferior conj	-4741 Sep 28 j 07:14	29°♌38'30	0°02'01
minimum elong	-4741 Sep 28 j 07:10	29°♌38'41	0°02'08
transit middle	-4741 Sep 28 j 07:10	29°♌38'41	0°02'08
transit begin	-4741 Sep 28 j 04:30	29°♌47'55	
transit end	-4741 Sep 28 j 09:51	29°♌29'27	
min. Earth dist.	-4741 Sep 28 j 04:57	29°♌46'23	0.67392 AU
asc. node	-4741 Sep 28 j 04:52	29°♌46'39	
	-4741 Sep 28 j 01:00	30°℞♌	
morning rise	-4741 Oct 03 j 15:13	23°♌22'36	
direct	-4741 Oct 08 j 00:55	21°♌37'28	
morning max el	-4741 Oct 17 j 07:16	27°♌08'10	22°04'40
	-4741 Oct 19 j 22:23	0°♍	
greatest brilliancy	-4741 Oct 22 j 02:50	2°♍36'45	-0.4m
desc. node	-4741 Nov 10 j 05:05	29°♍34'23	
	-4741 Nov 10 j 11:48	0°♎	
morning set	-4741 Nov 18 j 20:47	13°♎05'50	
max. Earth dist.	-4741 Nov 25 j 00:35	23°♎10'50	1.41265 AU
	-4741 Nov 29 j 01:03	0°♏	
superior conj	-4741 Dec 02 j 17:17	6°♏24'50	-1°-50'00
minimum elong	-4741 Dec 02 j 14:50	6°♏14'04	1°50'04
evening rise	-4741 Dec 13 j 04:05	25°♏28'13	
	-4741 Dec 15 j 14:45	0°♐	
asc. node	-4741 Dec 25 j 03:35	16°♐12'12	
evening max el	-4741 Dec 29 j 11:08	21°♐28'36	18°13'52
retrograde	-4740 Jan 05 j 11:49	25°♐00'45	
evening set	-4740 Jan 08 j 01:17	24°♐33'27	
inferior conj	-4740 Jan 15 j 02:03	19°♐44'42	4°04'51
minimum elong	-4740 Jan 15 j 02:23	19°♐43'59	4°04'36
min. Earth dist.	-4740 Jan 18 j 08:22	16°♐52'23	0.60246 AU
morning rise	-4740 Jan 22 j 00:39	14°♐09'19	
direct	-4740 Jan 28 j 18:31	12°♐03'44	
desc. node	-4740 Feb 06 j 04:49	14°♐58'58	
morning max el	-4740 Feb 11 j 22:03	19°♐40'50	27°16'34
	-4740 Feb 20 j 18:17	0°♑	
	-4740 Mar 09 j 22:49	0°♒	
morning set	-4740 Mar 14 j 03:21	8°♒25'31	
max. Earth dist.	-4740 Mar 20 j 17:30	22°♒31'24	1.32618 AU
superior conj	-4740 Mar 21 j 07:22	23°♒47'11	0°-8'-28
minimum elong	-4740 Mar 21 j 07:46	23°♒49'17	0°08'34
behind sun begin	-4740 Mar 21 j 03:31	23°♒26'05	
behind sun end	-4740 Mar 21 j 12:00	24°♒12'30	
asc. node	-4740 Mar 22 j 02:58	25°♒34'19	
	-4740 Mar 24 j 03:38	0°♓	
evening rise	-4740 Mar 28 j 07:47	8°♓56'26	
	-4740 Apr 08 j 08:09	0°♈	
evening max el	-4740 Apr 25 j 00:20	22°♈26'24	25°43'31
desc. node	-4740 May 04 j 03:27	28°♈42'03	
retrograde	-4740 May 09 j 02:28	29°♈40'14	
evening set	-4740 May 14 j 19:31	28°♈22'14	
min. Earth dist.	-4740 May 19 j 12:52	25°♈36'21	0.58437 AU
inferior conj	-4740 May 22 j 19:42	23°♈13'45	-3°-58'-57
minimum elong	-4740 May 22 j 16:29	23°♈19'38	3°58'30
morning rise	-4740 May 30 j 17:25	18°♈50'53	
direct	-4740 Jun 02 j 04:30	18°♈31'15	
morning max el	-4740 Jun 10 j 08:30	22°♈22'43	18°42'25
	-4740 Jun 16 j 11:00	0°♉	
asc. node	-4740 Jun 18 j 02:47	2°♉37'37	
morning set	-4740 Jun 26 j 16:37	18°♉21'12	
	-4740 Jul 02 j 16:39	0°♊	
superior conj	-4740 Jul 05 j 13:22	5°♊27'06	1°49'18
minimum elong	-4740 Jul 05 j 13:04	5°♊25'41	1°49'30
max. Earth dist.	-4740 Jul 12 j 14:04	18°♊17'42	1.39346 AU
evening rise	-4740 Jul 16 j 17:50	25°♊30'06	
	-4740 Jul 19 j 10:11	0°♋	
desc. node	-4740 Jul 31 j 02:10	18°♋19'33	
	-4740 Aug 08 j 06:18	0°♌	
evening max el	-4740 Aug 21 j 00:25	15°♌28'13	24°02'28
retrograde	-4740 Aug 31 j 22:29	21°♌53'54	
evening set	-4740 Sep 06 j 04:59	19°♌40'42	
min. Earth dist.	-4740 Sep 11 j 00:46	14°♌03'33	0.67294 AU
inferior conj	-4740 Sep 11 j 13:26	13°♌20'35	0°-51'-10
minimum elong	-4740 Sep 11 j 14:37	13°♌16'34	0°50'30
asc. node	-4740 Sep 14 j 02:00	10°♌03'35	
morning rise	-4740 Sep 17 j 00:26	7°♌10'01	
direct	-4740 Sep 20 j 21:10	5°♌45'06	
morning max el	-4740 Sep 29 j 02:15	10°♌34'28	20°46'47
greatest brilliancy	-4740 Oct 05 j 02:11	17°♌42'03	-0.5m
	-4740 Oct 13 j 20:09	0°♍	
desc. node	-4740 Oct 27 j 01:59	20°♍02'22	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4740 Oct 28 j 00:24	21°♍29'27	
	-4740 Nov 02 j 10:13	0°♎	
max. Earth dist.	-4740 Nov 06 j 07:12	6°♎13'07	1.43012 AU
superior conj	-4740 Nov 12 j 19:45	16°♎57'58	-1°-32'-54
minimum elong	-4740 Nov 12 j 13:56	16°♎33'37	1°32'30
	-4740 Nov 20 j 10:25	0°♏	
evening rise	-4740 Nov 24 j 21:32	7°♏51'26	
	-4740 Dec 08 j 03:17	0°♐	
asc. node	-4740 Dec 11 j 00:43	3°♐38'59	
evening max el	-4740 Dec 11 j 22:37	4°♐36'57	18°08'19
retrograde	-4740 Dec 18 j 13:35	8°♐05'41	
evening set	-4740 Dec 21 j 05:41	7°♐31'13	
inferior conj	-4740 Dec 27 j 18:47	2°♐20'41	3°58'09
minimum elong	-4740 Dec 27 j 16:53	2°♐25'31	3°57'47
	-4740 Dec 30 j 02:24	30°℞♏	
min. Earth dist.	-4740 Dec 30 j 14:11	29°♏31'04	0.62183 AU
morning rise	-4739 Jan 03 j 02:01	26°♏30'34	
direct	-4739 Jan 10 j 03:29	23°♏56'22	
	-4739 Jan 22 j 08:07	0°♐	
desc. node	-4739 Jan 23 j 01:51	0°♐40'30	
morning max el	-4739 Jan 24 j 02:01	1°♐38'18	27°41'19
	-4739 Feb 13 j 22:35	0°♑	
morning set	-4739 Feb 26 j 07:38	23°♑00'16	
	-4739 Mar 01 j 16:36	0°♒	
max. Earth dist.	-4739 Mar 04 j 04:13	5°♒17'59	1.32885 AU
superior conj	-4739 Mar 05 j 17:44	8°♒40'45	0°-33'-16
minimum elong	-4739 Mar 05 j 19:12	8°♒48'42	0°33'11
asc. node	-4739 Mar 08 j 23:58	15°♒45'29	
evening rise	-4739 Mar 12 j 19:14	23°♒54'07	
	-4739 Mar 15 j 18:10	0°♓	
	-4739 Apr 03 j 12:30	0°♈	
evening max el	-4739 Apr 06 j 17:03	3°♈20'22	24°17'50
retrograde	-4739 Apr 20 j 13:46	10°♈18'29	
desc. node	-4739 Apr 21 j 00:36	10°♈18'01	
evening set	-4739 Apr 25 j 00:07	9°♈34'31	
min. Earth dist.	-4739 May 01 j 04:56	6°♈30'59	0.56672 AU
inferior conj	-4739 May 03 j 19:18	4°♈52'35	-3°-8'-18
minimum elong	-4739 May 03 j 13:42	5°♈01'29	3°07'00
morning rise	-4739 May 12 j 07:19	0°♈47'51	
direct	-4739 May 14 j 17:59	0°♈31'44	
morning max el	-4739 May 24 j 07:08	4°♈57'56	19°35'24
asc. node	-4739 Jun 04 j 23:47	21°♈37'29	
	-4739 Jun 09 j 08:53	0°♉	
morning set	-4739 Jun 10 j 16:53	2°♉39'10	
superior conj	-4739 Jun 18 j 20:16	18°♉58'00	1°43'33
minimum elong	-4739 Jun 18 j 18:20	18°♉48'27	1°43'36
max. Earth dist.	-4739 Jun 24 j 16:20	0°♊10'08	1.37442 AU
	-4739 Jun 24 j 14:10	0°♊	
evening rise	-4739 Jun 28 j 14:29	7°♊19'56	
	-4739 Jul 12 j 06:40	0°♋	
desc. node	-4739 Jul 17 j 23:14	8°♋26'37	
evening max el	-4739 Aug 03 j 10:56	28°♋57'27	25°19'13
	-4739 Aug 04 j 12:59	0°♌	
retrograde	-4739 Aug 15 j 09:33	5°♌53'13	
evening set	-4739 Aug 21 j 07:11	3°♌22'03	
	-4739 Aug 24 j 10:52	30°℞♋	
min. Earth dist.	-4739 Aug 25 j 17:52	28°♋21'34	0.66876 AU
inferior conj	-4739 Aug 26 j 17:39	27°♋03'54	-1°-42'-58
minimum elong	-4739 Aug 26 j 19:58	26°♋56'19	1°41'51
asc. node	-4739 Aug 31 j 23:07	21°♋19'32	
morning rise	-4739 Sep 01 j 09:16	21°♋01'49	
direct	-4739 Sep 04 j 19:05	19°♋54'27	
morning max el	-4739 Sep 12 j 04:30	24°♋09'58	19°40'56
	-4739 Sep 17 j 01:55	0°♌	
greatest brilliancy	-4739 Sep 20 j 14:41	4°♌53'39	-0.6m
morning set	-4739 Oct 07 j 00:39	29°♌50'44	
	-4739 Oct 07 j 03:03	0°♍	
desc. node	-4739 Oct 13 j 22:55	10°♍39'30	
max. Earth dist.	-4739 Oct 19 j 20:18	19°♍57'09	1.44232 AU
superior conj	-4739 Oct 23 j 18:39	26°♍13'53	0°-59'-25
minimum elong	-4739 Oct 23 j 12:17	25°♍48'20	0°58'39
	-4739 Oct 26 j 02:42	0°♎	
evening rise	-4739 Nov 06 j 19:44	19°♎21'53	
	-4739 Nov 13 j 03:27	0°♏	
evening max el	-4739 Nov 25 j 11:21	17°♏56'06	18°21'41
asc. node	-4739 Nov 27 j 21:51	20°♏02'43	
retrograde	-4739 Dec 02 j 01:12	21°♏32'08	
evening set	-4739 Dec 04 j 21:05	20°♏49'07	
inferior conj	-4739 Dec 11 j 00:52	15°♏19'06	3°33'49
minimum elong	-4739 Dec 10 j 21:50	15°♏27'39	3°33'04
min. Earth dist.	-4739 Dec 13 j 06:06	12°♏49'25	0.63884 AU
morning rise	-4739 Dec 16 j 21:06	9°♏17'53	
direct	-4739 Dec 23 j 20:11	6°♏29'24	
morning max el	-4738 Jan 06 j 10:19	14°♏11'40	27°30'05
desc. node	-4738 Jan 09 j 22:53	17°♏56'08	
	-4738 Jan 19 j 08:16	0°♐	
	-4738 Feb 06 j 11:46	0°♑	
morning set	-4738 Feb 10 j 04:39	7°♑09'10	
max. Earth dist.	-4738 Feb 15 j 08:04	17°♑37'52	1.33536 AU
superior conj	-4738 Feb 18 j 01:00	23°♑20'49	0°-57'-9
minimum elong	-4738 Feb 18 j 03:23	23°♑33'34	0°56'58
	-4738 Feb 21 j 03:34	0°♒	
asc. node	-4738 Feb 23 j 20:59	5°♒49'27	
evening rise	-4738 Feb 25 j 06:34	8°♒46'38	
	-4738 Mar 08 j 12:36	0°♓	
evening max el	-4738 Mar 19 j 09:53	14°♓03'59	22°43'49
retrograde	-4738 Apr 01 j 12:53	20°♓29'27	
evening set	-4738 Apr 04 j 17:58	20°♓06'49	
desc. node	-4738 Apr 07 j 21:45	19°♓04'28	
min. Earth dist.	-4738 Apr 12 j 19:28	16°♓33'32	0.55504 AU
inferior conj	-4738 Apr 14 j 00:36	15°♓51'39	-1°-38'-41
minimum elong	-4738 Apr 13 j 20:21	15°♓57'45	1°37'25
morning rise	-4738 Apr 23 j 01:13	11°♓54'15	
direct	-4738 Apr 25 j 14:02	11°♓39'13	
morning max el	-4738 May 06 j 19:31	16°♓54'24	20°48'06
	-4738 May 16 j 19:12	0°♈	
asc. node	-4738 May 22 j 20:47	11°♈04'39	
morning set	-4738 May 25 j 23:08	17°♈18'12	
	-4738 Jun 01 j 02:27	0°♉	
superior conj	-4738 Jun 02 j 14:31	3°♉05'19	1°31'04
minimum elong	-4738 Jun 02 j 11:52	2°♉51'44	1°30'54
max. Earth dist.	-4738 Jun 07 j 00:16	11°♉56'14	1.35774 AU
evening rise	-4738 Jun 11 j 07:49	20°♉13'08	
	-4738 Jun 16 j 17:30	0°♊	
desc. node	-4738 Jul 04 j 20:19	28°♊09'15	
	-4738 Jul 06 j 05:24	0°♋	
evening max el	-4738 Jul 16 j 21:42	12°♋26'52	26°23'50
retrograde	-4738 Jul 29 j 15:56	19°♋41'53	
evening set	-4738 Aug 05 j 03:30	16°♋58'14	
min. Earth dist.	-4738 Aug 09 j 05:53	12°♋36'19	0.66114 AU
inferior conj	-4738 Aug 10 j 17:58	10°♋45'16	-2°-31'-34
minimum elong	-4738 Aug 10 j 21:11	10°♋35'22	2°30'17
morning rise	-4738 Aug 16 j 15:45	4°♋54'46	
asc. node	-4738 Aug 18 j 20:14	4°♋05'54	
direct	-4738 Aug 19 j 16:59	4°♋01'39	
morning max el	-4738 Aug 26 j 13:02	7°♋51'47	18°49'51
	-4738 Sep 11 j 01:34	0°♌	
morning set	-4738 Sep 16 j 18:51	9°♌07'07	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4738 Sep 29 j 23:09	0°♍		
desc. node	-4738 Sep 30 j 19:51	1°♍21'32		
superior conj	-4738 Oct 02 j 21:04	4°♍35'31	0°-12'-54	
minimum elong	-4738 Oct 02 j 19:23	4°♍28'54	0°12'35	
behind sun begin	-4738 Oct 02 j 12:01	3°♍59'49		
behind sun end	-4738 Oct 03 j 02:46	4°♍57'58		
max. Earth dist.	-4738 Oct 02 j 13:03	4°♍03'55	1.44778 AU	
evening rise	-4738 Oct 18 j 18:02	29°♍49'14		
	-4738 Oct 18 j 20:43	0°♎		
	-4738 Nov 07 j 17:02	0°♏		
evening max el	-4738 Nov 08 j 22:44	1°♏21'06	18°53'01	
asc. node	-4738 Nov 14 j 18:58	5°♏07'55		
retrograde	-4738 Nov 15 j 18:46	5°♏13'26		
evening set	-4738 Nov 18 j 20:19	4°♏19'41		
	-4738 Nov 23 j 12:05	30°℞♎		
inferior conj	-4738 Nov 24 j 16:47	28°♎33'09	2°57'43	
minimum elong	-4738 Nov 24 j 13:34	28°♎43'02	2°56'41	
min. Earth dist.	-4738 Nov 26 j 07:41	26°♎33'53	0.65250 AU	
morning rise	-4738 Nov 30 j 05:45	22°♎23'50		
direct	-4738 Dec 06 j 19:32	19°♎35'32		
morning max el	-4738 Dec 19 j 20:01	27°♎09'02	26°47'17	
	-4738 Dec 22 j 13:01	0°♏		
desc. node	-4738 Dec 27 j 19:54	6°♏18'30		
	-4737 Jan 12 j 23:20	0°♐		
morning set	-4737 Jan 24 j 15:01	20°♐41'35		
max. Earth dist.	-4737 Jan 29 j 01:30	29°♐22'45	1.34620 AU	
	-4737 Jan 29 j 08:55	0°♑		
superior conj	-4737 Feb 02 j 03:04	7°♑41'05	-1°-18'-56	
minimum elong	-4737 Feb 02 j 06:02	7°♑56'28	1°18'47	
evening rise	-4737 Feb 09 j 16:04	23°♑28'18		
asc. node	-4737 Feb 10 j 17:59	25°♑41'49		
	-4737 Feb 12 j 21:10	0°♒		
evening max el	-4737 Mar 01 j 09:08	25°♒04'43	21°14'40	
	-4737 Mar 08 j 23:57	0°♓		
retrograde	-4737 Mar 13 j 03:08	0°♓41'20		
evening set	-4737 Mar 15 j 15:25	0°♓26'51		
	-4737 Mar 17 j 10:19	30°℞♒		
inferior conj	-4737 Mar 24 j 20:25	26°♒27'56	0°15'30	
minimum elong	-4737 Mar 24 j 21:07	26°♒26'56	0°15'07	
transit middle	-4737 Mar 24 j 21:07	26°♒26'56	0°15'07	
transit begin	-4737 Mar 24 j 19:54	26°♒28'39		
transit end	-4737 Mar 24 j 22:20	26°♒25'12		
min. Earth dist.	-4737 Mar 25 j 09:53	26°♒08'52	0.55204 AU	
desc. node	-4737 Mar 25 j 18:55	25°♒56'06		
morning rise	-4737 Apr 03 j 02:15	22°♒20'53		
direct	-4737 Apr 06 j 02:28	22°♒01'01		
morning max el	-4737 Apr 18 j 21:04	28°♒09'43	22°17'22	
	-4737 Apr 20 j 17:02	0°♓		
	-4737 May 09 j 07:39	0°♈		
asc. node	-4737 May 09 j 17:45	0°♈52'00		
morning set	-4737 May 10 j 09:12	2°♈11'59		
superior conj	-4737 May 17 j 16:39	17°♈38'31	1°13'46	
minimum elong	-4737 May 17 j 14:00	17°♈24'33	1°13'27	
max. Earth dist.	-4737 May 20 j 18:08	24°♈01'25	1.34453 AU	
	-4737 May 23 j 16:53	0°♉		
evening rise	-4737 May 25 j 16:32	3°♉54'48		
	-4737 Jun 09 j 12:35	0°♊		
desc. node	-4737 Jun 21 j 17:23	17°♊17'07		
evening max el	-4737 Jun 29 j 09:06	25°♊49'46	27°08'11	
	-4737 Jul 04 j 07:59	0°♋		
retrograde	-4737 Jul 12 j 17:03	3°♋13'07		
evening set	-4737 Jul 19 j 15:19	0°♋26'11		
	-4737 Jul 20 j 03:51	30°℞♊		
min. Earth dist.	-4737 Jul 23 j 10:37	26°♊42'19	0.64981 AU	
inferior conj	-4737 Jul 25 j 12:13	24°♊21'32	-3°-14'-44	
minimum elong	-4737 Jul 25 j 15:51	24°♊11'14	3°13'34	
morning rise	-4737 Jul 31 j 17:44	18°♊45'47		
direct	-4737 Aug 03 j 12:45	18°♊03'43		
asc. node	-4737 Aug 05 j 17:20	18°♊29'21		
morning max el	-4737 Aug 10 j 01:50	21°♊36'42	18°15'18	
	-4737 Aug 16 j 13:15	0°♋		
morning set	-4737 Aug 28 j 16:05	19°♋41'57		
	-4737 Sep 03 j 21:53	0°♌		
superior conj	-4737 Sep 11 j 23:20	13°♌01'06	0°35'38	
minimum elong	-4737 Sep 12 j 03:33	13°♌17'54	0°35'17	
max. Earth dist.	-4737 Sep 15 j 06:45	18°♌16'35	1.44602 AU	
desc. node	-4737 Sep 17 j 16:45	22°♌05'29		
	-4737 Sep 22 j 17:44	0°♍		
evening rise	-4737 Sep 28 j 15:28	9°♍12'43		
	-4737 Oct 12 j 03:39	0°♎		
greatest brilliancy	-4737 Oct 14 j 23:54	4°♎11'11	-0.7m	
evening max el	-4737 Oct 23 j 06:24	14°♎47'57	19°40'44	
retrograde	-4737 Oct 30 j 15:14	19°♎04'46		
asc. node	-4737 Nov 01 j 16:07	18°♎40'40		
evening set	-4737 Nov 03 j 00:40	17°♎57'36		
inferior conj	-4737 Nov 08 j 15:35	11°♎57'36	2°13'44	
minimum elong	-4737 Nov 08 j 12:50	12°♎06'35	2°12'43	
min. Earth dist.	-4737 Nov 09 j 17:22	10°♎33'30	0.66267 AU	
morning rise	-4737 Nov 14 j 00:17	5°♎42'54		
direct	-4737 Nov 20 j 00:37	3°♎06'05		
morning max el	-4737 Dec 02 j 05:07	10°♎17'57	25°40'35	
desc. node	-4737 Dec 14 j 16:51	25°♎27'18		
	-4737 Dec 17 j 22:19	0°♏		
	-4736 Jan 05 j 13:10	0°♐		
morning set	-4736 Jan 07 j 10:03	3°♐22'40		
max. Earth dist.	-4736 Jan 11 j 07:15	10°♐37'08	1.36157 AU	
superior conj	-4736 Jan 16 j 21:15	21°♐32'25	-1°-37'-5	
minimum elong	-4736 Jan 17 j 00:09	21°♐46'57	1°37'03	
	-4736 Jan 21 j 01:19	0°♑		
evening rise	-4736 Jan 24 j 21:43	7°♑52'07		
asc. node	-4736 Jan 28 j 15:01	15°♑16'40		
	-4736 Feb 06 j 05:07	0°♒		
evening max el	-4736 Feb 11 j 18:13	6°♒37'03	19°59'21	
retrograde	-4736 Feb 21 j 19:38	11°♒22'46		
evening set	-4736 Feb 24 j 03:58	11°♒08'23		
inferior conj	-4736 Mar 03 j 20:27	7°♒07'51	2°03'26	
minimum elong	-4736 Mar 04 j 01:08	7°♒00'41	2°01'50	
min. Earth dist.	-4736 Mar 06 j 00:03	5°♒49'15	0.55836 AU	
desc. node	-4736 Mar 11 j 16:04	2°♒58'39		
morning rise	-4736 Mar 12 j 19:22	2°♒36'22		
direct	-4736 Mar 16 j 19:37	2°♒00'51		
morning max el	-4736 Mar 30 j 14:17	8°♒52'46	23°55'49	
	-4736 Apr 15 j 00:27	0°♓		
morning set	-4736 Apr 23 j 21:11	17°♓13'18		
asc. node	-4736 Apr 25 j 14:42	20°♓52'43		
	-4736 Apr 29 j 20:28	0°♈		
superior conj	-4736 Apr 30 j 23:57	2°♈28'06	0°53'06	
minimum elong	-4736 Apr 30 j 21:49	2°♈16'36	0°52'42	
max. Earth dist.	-4736 May 02 j 21:35	6°♈32'21	1.33496 AU	
evening rise	-4736 May 08 j 12:07	18°♈10'07		
	-4736 May 14 j 15:43	0°♉		
	-4736 Jun 02 j 21:33	0°♊		
desc. node	-4736 Jun 07 j 14:31	5°♊35'10		
evening max el	-4736 Jun 10 j 19:30	8°♊53'37	27°25'24	
retrograde	-4736 Jun 24 j 12:11	16°♊18'16		
evening set	-4736 Jul 01 j 15:24	13°♊40'16		
min. Earth dist.	-4736 Jul 05 j 06:06	10°♊29'49	0.63463 AU	
inferior conj	-4736 Jul 07 j 21:46	7°♊46'55	-3°-49'-20	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4736 Jul	08 j 00:59	7°♊38'39	3°48'35
morning rise	-4736 Jul	14 j 12:31	2°♊29'14	
direct	-4736 Jul	17 j 03:30	1°♊55'32	
asc. node	-4736 Jul	22 j 14:23	4°♊19'38	
morning max el	-4736 Jul	23 j 16:32	5°♊19'57	17°58'30
	-4736 Aug	08 j 18:06	0°♋	
morning set	-4736 Aug	09 j 14:30	1°♋28'56	
superior conj	-4736 Aug	21 j 21:59	22°♋28'35	1°14'22
minimum elong	-4736 Aug	22 j 03:53	22°♋53'00	1°13'59
	-4736 Aug	26 j 12:20	0°♌	
max. Earth dist.	-4736 Aug	27 j 22:36	2°♌18'10	1.43731 AU
desc. node	-4736 Sep	03 j 13:41	12°♌48'34	
evening rise	-4736 Sep	06 j 20:36	17°♌55'35	
	-4736 Sep	14 j 18:12	0°♍	
greatest brilliancy	-4736 Sep	29 j 09:29	21°♍07'20	-0.5m
evening max el	-4736 Oct	05 j 08:32	28°♍14'25	20°42'43
	-4736 Oct	07 j 04:51	0°♎	
retrograde	-4736 Oct	13 j 12:19	3°♎03'14	
evening set	-4736 Oct	17 j 07:52	1°♎39'50	
asc. node	-4736 Oct	18 j 13:16	0°♎37'45	
	-4736 Oct	19 j 04:19	30°℞♍	
inferior conj	-4736 Oct	22 j 18:55	25°♍29'39	1°24'40
minimum elong	-4736 Oct	22 j 17:02	25°♍36'00	1°23'57
min. Earth dist.	-4736 Oct	23 j 09:00	24°♍41'49	0.66948 AU
morning rise	-4736 Oct	28 j 01:46	19°♍12'11	
direct	-4736 Nov	02 j 10:49	16°♍53'50	
morning max el	-4736 Nov	13 j 13:52	23°♍31'48	24°19'21
	-4736 Nov	19 j 07:52	0°♎	
desc. node	-4736 Nov	30 j 13:46	15°♎09'00	
	-4736 Dec	10 j 08:09	0°♏	
morning set	-4736 Dec	19 j 08:03	14°♏56'51	
max. Earth dist.	-4736 Dec	23 j 05:01	21°♏47'40	1.38060 AU
	-4736 Dec	27 j 16:02	0°♐	
superior conj	-4736 Dec	30 j 04:04	4°♐45'05	-1°-49'-26
minimum elong	-4736 Dec	30 j 05:55	4°♐53'56	1°49'35
evening rise	-4735 Jan	07 j 21:19	21°♐51'54	
	-4735 Jan	12 j 01:56	0°♑	
asc. node	-4735 Jan	14 j 12:04	4°♑27'40	
evening max el	-4735 Jan	24 j 13:29	18°♑44'20	19°02'32
retrograde	-4735 Feb	02 j 02:40	22°♑49'56	
evening set	-4735 Feb	04 j 12:23	22°♑31'53	
inferior conj	-4735 Feb	12 j 12:28	18°♑16'23	3°19'26
minimum elong	-4735 Feb	12 j 17:05	18°♑08'16	3°18'16
min. Earth dist.	-4735 Feb	15 j 15:05	16°♑06'25	0.57235 AU
morning rise	-4735 Feb	20 j 18:06	13°♑15'34	
direct	-4735 Feb	26 j 00:22	12°♑10'20	
desc. node	-4735 Feb	26 j 13:11	12°♑11'01	
morning max el	-4735 Mar	12 j 05:11	19°♑29'05	25°30'36
	-4735 Mar	21 j 02:32	0°♒	
	-4735 Apr	07 j 07:12	0°♓	
morning set	-4735 Apr	08 j 09:21	2°♓16'12	
asc. node	-4735 Apr	12 j 11:38	11°♓02'04	
superior conj	-4735 Apr	15 j 10:20	17°♓27'06	0°30'09
minimum elong	-4735 Apr	15 j 09:03	17°♓20'04	0°29'48
max. Earth dist.	-4735 Apr	16 j 07:47	19°♓23'50	1.32887 AU
	-4735 Apr	21 j 06:46	0°♈	
evening rise	-4735 Apr	22 j 15:12	2°♈48'11	
	-4735 May	07 j 12:37	0°♉	
evening max el	-4735 May	24 j 02:14	21°♉24'54	27°10'44
desc. node	-4735 May	25 j 11:40	22°♉42'04	
retrograde	-4735 Jun	07 j 00:39	28°♉48'01	
evening set	-4735 Jun	13 j 23:48	26°♉32'49	
min. Earth dist.	-4735 Jun	17 j 15:34	23°♉44'55	0.61614 AU
inferior conj	-4735 Jun	20 j 19:22	20°♉53'34	-4°-10'-39
minimum elong	-4735 Jun	20 j 21:00	20°♉49'53	4°10'22
morning rise	-4735 Jun	27 j 20:56	15°♉56'45	
direct	-4735 Jun	30 j 09:36	15°♉29'32	
morning max el	-4735 Jul	07 j 06:24	18°♉55'01	18°00'15
asc. node	-4735 Jul	09 j 11:25	21°♉20'51	
	-4735 Jul	15 j 08:33	0°♊	
morning set	-4735 Jul	23 j 08:41	14°♊12'46	
	-4735 Aug	01 j 02:56	0°♋	
superior conj	-4735 Aug	03 j 00:19	3°♋18'33	1°38'23
minimum elong	-4735 Aug	03 j 04:14	3°♋35'36	1°38'22
max. Earth dist.	-4735 Aug	10 j 09:24	15°♋48'54	1.42280 AU
evening rise	-4735 Aug	17 j 04:10	26°♋46'39	
	-4735 Aug	19 j 05:20	0°♌	
desc. node	-4735 Aug	21 j 10:39	3°♌27'12	
	-4735 Sep	08 j 14:34	0°♍	
greatest brilliancy	-4735 Sep	13 j 08:29	6°♍10'00	-0.4m
evening max el	-4735 Sep	18 j 04:17	11°♍39'10	21°55'59
retrograde	-4735 Sep	27 j 08:14	17°♍05'48	
evening set	-4735 Oct	01 j 16:00	15°♍23'52	
asc. node	-4735 Oct	05 j 10:26	11°♍17'13	
inferior conj	-4735 Oct	07 j 00:45	9°♍06'54	0°32'36
minimum elong	-4735 Oct	07 j 00:00	9°♍09'29	0°32'24
min. Earth dist.	-4735 Oct	07 j 04:15	8°♍54'51	0.67315 AU
morning rise	-4735 Oct	12 j 07:49	2°♍49'32	
direct	-4735 Oct	17 j 01:38	0°♍52'24	
morning max el	-4735 Oct	27 j 00:21	6°♍48'38	22°53'07
greatest brilliancy	-4735 Oct	31 j 20:29	12°♍15'16	-0.3m
	-4735 Nov	13 j 21:55	0°♎	
desc. node	-4735 Nov	17 j 10:41	5°♎13'44	
morning set	-4735 Nov	30 j 03:14	25°♎10'14	
	-4735 Dec	03 j 00:50	0°♏	
max. Earth dist.	-4735 Dec	05 j 01:39	3°♏27'21	1.40119 AU
superior conj	-4735 Dec	12 j 18:56	17°♏06'29	-1°-53'-9
minimum elong	-4735 Dec	12 j 18:25	17°♏04'07	1°53'20
	-4735 Dec	19 j 16:43	0°♐	
evening rise	-4735 Dec	22 j 12:03	5°♐20'27	
asc. node	-4734 Jan	01 j 09:09	23°♐06'42	
	-4734 Jan	06 j 09:58	0°♑	
evening max el	-4734 Jan	07 j 17:13	1°♑21'44	18°25'50
retrograde	-4734 Jan	15 j 04:18	5°♑02'10	
evening set	-4734 Jan	17 j 16:13	4°♑38'42	
inferior conj	-4734 Jan	25 j 00:50	0°♑02'40	3°57'35
minimum elong	-4734 Jan	25 j 02:49	29°♐58'36	3°57'11
	-4734 Jan	25 j 02:08	30°℞♐	
min. Earth dist.	-4734 Jan	28 j 09:40	27°♐18'54	0.59092 AU
morning rise	-4734 Feb	01 j 10:05	24°♐37'31	
direct	-4734 Feb	07 j 17:52	22°♐53'26	
desc. node	-4734 Feb	13 j 10:17	24°♐13'13	
	-4734 Feb	21 j 12:27	0°♑	
morning max el	-4734 Feb	21 j 23:38	0°♑26'46	26°46'30
	-4734 Mar	14 j 23:34	0°♒	
morning set	-4734 Mar	23 j 20:02	17°♒14'32	
	-4734 Mar	29 j 18:43	0°♓	
asc. node	-4734 Mar	30 j 08:36	1°♓15'58	
superior conj	-4734 Mar	30 j 22:04	2°♓29'34	0°05'51
minimum elong	-4734 Mar	30 j 21:49	2°♓28'11	0°05'39
behind sun begin	-4734 Mar	30 j 17:07	2°♓02'31	
behind sun end	-4734 Mar	31 j 02:30	2°♓53'52	
max. Earth dist.	-4734 Mar	30 j 21:06	2°♓24'19	1.32612 AU
evening rise	-4734 Apr	06 j 23:10	17°♓40'22	
	-4734 Apr	13 j 03:39	0°♈	
	-4734 May	02 j 23:33	0°♉	
evening max el	-4734 May	06 j 03:16	3°♉15'52	26°23'39
desc. node	-4734 May	12 j 08:51	8°♉09'01	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

retrograde	-4734 May 20 j 05:21	10°♉35'25		
evening set	-4734 May 26 j 12:43	8°♉54'57		
min. Earth dist.	-4734 May 30 j 16:17	6°♉13'10	0.59581 AU	
inferior conj	-4734 Jun 03 j 01:31	3°♉33'22	-4°-11'-30	
minimum elong	-4734 Jun 03 j 00:15	3°♉35'52	4°11'19	
	-4734 Jun 08 j 04:29	30°℞♈		
morning rise	-4734 Jun 10 j 15:28	28°♈58'37		
direct	-4734 Jun 13 j 02:51	28°♈36'38		
	-4734 Jun 17 j 19:08	0°♉		
morning max el	-4734 Jun 20 j 16:40	2°♉14'50	18°21'19	
asc. node	-4734 Jun 26 j 08:26	9°♉18'21		
morning set	-4734 Jul 06 j 17:38	27°♉41'11		
	-4734 Jul 07 j 22:48	0°♊		
superior conj	-4734 Jul 16 j 03:32	15°♊23'45	1°48'35	
minimum elong	-4734 Jul 16 j 04:38	15°♊28'43	1°48'47	
max. Earth dist.	-4734 Jul 23 j 14:00	28°♊35'55	1.40457 AU	
	-4734 Jul 24 j 09:38	0°♋		
evening rise	-4734 Jul 28 j 08:06	6°♋36'31		
desc. node	-4734 Aug 08 j 07:40	23°♋57'47		
	-4734 Aug 12 j 08:58	0°♌		
greatest brilliancy	-4734 Aug 25 j 19:43	18°♌20'45	-0.2m	
evening max el	-4734 Aug 31 j 18:34	25°♌04'19	23°15'54	
	-4734 Sep 06 j 22:59	0°♍		
retrograde	-4734 Sep 11 j 01:32	1°♍10'04		
	-4734 Sep 14 j 19:23	30°℞♌		
evening set	-4734 Sep 15 j 23:17	29°♌08'20		
inferior conj	-4734 Sep 21 j 07:22	22°♌48'12	0°-20'-36	
minimum elong	-4734 Sep 21 j 07:50	22°♌46'34	0°20'15	
min. Earth dist.	-4734 Sep 21 j 00:41	23°♌11'10	0.67385 AU	
asc. node	-4734 Sep 22 j 07:35	21°♌25'32		
morning rise	-4734 Sep 26 j 16:25	16°♌34'00		
direct	-4734 Sep 30 j 20:16	14°♌57'53		
morning max el	-4734 Oct 09 j 15:32	20°♌10'50	21°30'15	
greatest brilliancy	-4734 Oct 14 j 20:08	26°♌10'35	-0.4m	
	-4734 Oct 17 j 18:29	0°♍		
desc. node	-4734 Nov 04 j 07:36	25°♍34'58		
	-4734 Nov 07 j 04:06	0°♎		
morning set	-4734 Nov 09 j 18:36	4°♎05'01		
max. Earth dist.	-4734 Nov 17 j 03:20	15°♎57'09	1.42059 AU	
superior conj	-4734 Nov 24 j 12:19	28°♎23'15	-1°-44'-41	
minimum elong	-4734 Nov 24 j 08:21	28°♎06'08	1°44'35	
	-4734 Nov 25 j 10:39	0°♏		
evening rise	-4734 Dec 05 j 14:30	18°♏10'13		
	-4734 Dec 12 j 04:26	0°♐		
asc. node	-4734 Dec 19 j 06:16	11°♐03'45		
evening max el	-4734 Dec 22 j 02:45	14°♐21'38	18°09'08	
retrograde	-4734 Dec 28 j 22:16	17°♐50'55		
evening set	-4734 Dec 31 j 12:40	17°♐20'50		
inferior conj	-4733 Jan 07 j 08:13	12°♐22'57	4°04'36	
minimum elong	-4733 Jan 07 j 07:27	12°♐24'44	4°04'22	
min. Earth dist.	-4733 Jan 10 j 10:47	9°♐28'48	0.61087 AU	
morning rise	-4733 Jan 13 j 23:42	6°♐40'34		
direct	-4733 Jan 20 j 22:13	4°♐20'51		
desc. node	-4733 Jan 31 j 07:22	8°♐45'22		
morning max el	-4733 Feb 04 j 00:07	12°♐01'23	27°31'32	
	-4733 Feb 18 j 05:53	0°♑		
	-4733 Mar 07 j 03:42	0°♒		
morning set	-4733 Mar 08 j 03:15	2°♒00'17		
max. Earth dist.	-4733 Mar 14 j 09:43	15°♒19'31	1.32678 AU	
superior conj	-4733 Mar 15 j 09:24	17°♒28'27	0°-19'-2	
minimum elong	-4733 Mar 15 j 10:15	17°♒33'07	0°19'03	
asc. node	-4733 Mar 17 j 05:35	21°♒29'32		
	-4733 Mar 21 j 04:00	0°♓		
evening rise	-4733 Mar 22 j 09:53	2°♓38'11		
	-4733 Apr 06 j 08:24	0°♈		
evening max el	-4733 Apr 17 j 22:26	14°♈27'22	25°09'07	
desc. node	-4733 Apr 29 j 06:01	21°♈19'00		
retrograde	-4733 May 01 j 23:55	21°♈36'41		
evening set	-4733 May 07 j 04:10	20°♈34'30		
min. Earth dist.	-4733 May 12 j 10:53	17°♈42'22	0.57627 AU	
inferior conj	-4733 May 15 j 12:46	15°♈36'25	-3°-42'-18	
minimum elong	-4733 May 15 j 08:15	15°♈44'11	3°41'32	
morning rise	-4733 May 23 j 16:31	11°♈21'58		
direct	-4733 May 26 j 03:07	11°♈04'08		
morning max el	-4733 Jun 03 j 20:20	15°♈08'59	19°02'27	
asc. node	-4733 Jun 13 j 05:25	27°♈58'25		
	-4733 Jun 14 j 09:05	0°♉		
morning set	-4733 Jun 20 j 13:12	11°♉43'12		
superior conj	-4733 Jun 29 j 01:50	28°♉27'12	1°47'50	
minimum elong	-4733 Jun 29 j 00:43	28°♉21'51	1°47'59	
	-4733 Jun 29 j 21:12	0°♊		
max. Earth dist.	-4733 Jul 05 j 15:19	10°♊42'10	1.38517 AU	
evening rise	-4733 Jul 09 j 14:29	17°♊43'43		
	-4733 Jul 16 j 22:33	0°♋		
desc. node	-4733 Jul 26 j 04:43	14°♋14'59		
	-4733 Aug 06 j 17:12	0°♌		
evening max el	-4733 Aug 14 j 05:50	8°♌32'13	24°36'09	
retrograde	-4733 Aug 25 j 15:05	15°♌12'07		
evening set	-4733 Aug 31 j 03:53	12°♌51'08		
min. Earth dist.	-4733 Sep 04 j 19:46	7°♌28'57	0.67152 AU	
inferior conj	-4733 Sep 05 j 12:58	6°♌31'23	-1°-13'-24	
minimum elong	-4733 Sep 05 j 14:39	6°♌25'44	1°12'31	
asc. node	-4733 Sep 09 j 04:42	2°♌01'58		
morning rise	-4733 Sep 11 j 01:42	0°♌23'45		
	-4733 Sep 11 j 16:22	30°℞♋		
direct	-4733 Sep 14 j 17:32	29°♋06'34		
	-4733 Sep 17 j 23:01	0°♌		
morning max el	-4733 Sep 22 j 13:31	3°♌40'50	20°17'02	
greatest brilliancy	-4733 Sep 29 j 09:51	12°♌02'11	-0.6m	
	-4733 Oct 11 j 17:01	0°♍		
morning set	-4733 Oct 19 j 17:49	12°♍19'21		
desc. node	-4733 Oct 22 j 04:31	16°♍07'36		
max. Earth dist.	-4733 Oct 30 j 12:37	29°♍18'19	1.43605 AU	
	-4733 Oct 30 j 23:00	0°♎		
superior conj	-4733 Nov 05 j 03:09	8°♎24'10	-1°-20'-42	
minimum elong	-4733 Nov 04 j 20:31	7°♎56'59	1°20'05	
	-4733 Nov 17 j 21:28	0°♏		
evening rise	-4733 Nov 18 j 00:23	0°♏12'40		
evening max el	-4733 Dec 05 j 15:13	27°♏36'36	18°11'47	
asc. node	-4733 Dec 06 j 03:24	28°♏06'27		
	-4733 Dec 08 j 13:35	0°♐		
retrograde	-4733 Dec 12 j 04:38	1°♐06'51		
evening set	-4733 Dec 14 j 22:13	0°♐28'55		
	-4733 Dec 15 j 20:15	30°℞♏		
inferior conj	-4733 Dec 21 j 07:07	25°♏10'02	3°49'35	
minimum elong	-4733 Dec 21 j 04:36	25°♏16'43	3°49'02	
min. Earth dist.	-4733 Dec 23 j 20:46	22°♏27'05	0.62948 AU	
morning rise	-4733 Dec 27 j 09:12	19°♏15'04		
direct	-4732 Jan 03 j 10:56	16°♏32'40		
morning max el	-4732 Jan 17 j 06:04	24°♏15'18	27°40'42	
desc. node	-4732 Jan 18 j 04:24	25°♏11'24		
	-4732 Jan 22 j 12:05	0°♐		
	-4732 Feb 11 j 12:46	0°♑		
morning set	-4732 Feb 20 j 04:47	16°♑25'39		
max. Earth dist.	-4732 Feb 25 j 17:52	27°♑56'12	1.33114 AU	
	-4732 Feb 26 j 17:03	0°♒		
superior conj	-4732 Feb 27 j 18:42	2°♒17'49	0°-43'-34	
minimum elong	-4732 Feb 27 j 20:35	2°♒28'00	0°43'25	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4732 Mar 03 j 02:35	11°♒38'44	
evening rise	-4732 Mar 05 j 21:31	17°♒35'07	
	-4732 Mar 12 j 02:11	0°♓	
evening max el	-4732 Mar 29 j 14:39	25°♓14'37	23°38'05
	-4732 Apr 04 j 22:07	0°♈	
retrograde	-4732 Apr 12 j 05:38	2°♈00'21	
desc. node	-4732 Apr 15 j 03:10	1°♈41'44	
evening set	-4732 Apr 16 j 02:31	1°♈27'27	
	-4732 Apr 19 j 20:04	30°℞♓	
min. Earth dist.	-4732 Apr 23 j 02:10	28°♓12'49	0.56088 AU
inferior conj	-4732 Apr 25 j 04:01	26°♓57'49	-2°-34'-44
minimum elong	-4732 Apr 24 j 22:25	27°♓06'17	2°33'15
morning rise	-4732 May 03 j 21:48	22°♓57'31	
direct	-4732 May 06 j 08:53	22°♓42'11	
morning max el	-4732 May 16 j 14:40	27°♓28'05	20°03'55
	-4732 May 19 j 01:13	0°♈	
asc. node	-4732 May 30 j 02:24	17°♈10'55	
morning set	-4732 Jun 03 j 16:17	26°♈10'56	
	-4732 Jun 05 j 13:23	0°♉	
superior conj	-4732 Jun 11 j 13:59	12°♉14'35	1°38'57
minimum elong	-4732 Jun 11 j 11:39	12°♉02'51	1°38'55
max. Earth dist.	-4732 Jun 16 j 19:30	22°♉29'11	1.36701 AU
evening rise	-4732 Jun 20 j 20:36	0°♊02'19	
	-4732 Jun 20 j 20:05	0°♊	
	-4732 Jul 09 j 03:17	0°♋	
desc. node	-4732 Jul 12 j 01:47	4°♋12'31	
evening max el	-4732 Jul 26 j 16:30	22°♋02'40	25°48'48
retrograde	-4732 Aug 08 j 00:01	29°♋07'16	
evening set	-4732 Aug 14 j 03:50	26°♋30'11	
min. Earth dist.	-4732 Aug 18 j 11:00	21°♋45'52	0.66596 AU
inferior conj	-4732 Aug 19 j 15:45	20°♋14'06	-2°-4'-5
minimum elong	-4732 Aug 19 j 18:30	20°♋05'19	2°02'52
morning rise	-4732 Aug 25 j 09:47	14°♋16'24	
asc. node	-4732 Aug 26 j 01:49	13°♋53'52	
direct	-4732 Aug 28 j 15:46	13°♋15'19	
morning max el	-4732 Sep 04 j 18:31	17°♋18'42	19°17'16
	-4732 Sep 14 j 10:03	0°♌	
morning set	-4732 Sep 27 j 23:38	20°♌58'39	
	-4732 Oct 03 j 17:46	0°♍	
desc. node	-4732 Oct 08 j 01:26	6°♍47'04	
max. Earth dist.	-4732 Oct 12 j 03:59	13°♍15'41	1.44553 AU
superior conj	-4732 Oct 14 j 15:34	17°♍11'47	0°-40'-47
minimum elong	-4732 Oct 14 j 10:37	16°♍52'07	0°40'06
	-4732 Oct 22 j 15:12	0°♎	
evening rise	-4732 Oct 29 j 12:50	11°♎17'12	
	-4732 Nov 10 j 00:12	0°♏	
evening max el	-4732 Nov 18 j 03:44	10°♏59'09	18°32'53
asc. node	-4732 Nov 22 j 00:33	13°♏59'05	
retrograde	-4732 Nov 24 j 19:10	14°♏40'46	
evening set	-4732 Nov 27 j 17:20	13°♏53'18	
inferior conj	-4732 Dec 03 j 17:45	8°♏15'46	3°19'40
minimum elong	-4732 Dec 03 j 14:33	8°♏25'10	3°18'47
min. Earth dist.	-4732 Dec 05 j 16:42	5°♏58'28	0.64512 AU
morning rise	-4732 Dec 09 j 10:31	2°♏11'02	
	-4732 Dec 12 j 23:03	30°℞♎	
direct	-4732 Dec 16 j 06:22	29°♎21'16	
	-4732 Dec 19 j 18:29	0°♏	
morning max el	-4732 Dec 29 j 15:09	7°♏00'09	27°15'22
desc. node	-4731 Jan 04 j 01:24	12°♏58'16	
	-4731 Jan 16 j 10:53	0°♐	
morning set	-4731 Feb 02 j 21:43	0°♑20'18	
	-4731 Feb 02 j 17:33	0°♑	
max. Earth dist.	-4731 Feb 07 j 17:47	10°♑02'25	1.33952 AU
superior conj	-4731 Feb 11 j 00:01	16°♑50'22	-1°-6'-44
minimum elong	-4731 Feb 11 j 02:42	17°♑04'35	1°06'32
	-4731 Feb 17 j 04:50	0°♒	
asc. node	-4731 Feb 17 j 23:36	1°♒38'34	
evening rise	-4731 Feb 18 j 08:18	2°♒24'01	
	-4731 Mar 06 j 01:41	0°♓	
evening max el	-4731 Mar 11 j 09:29	6°♓02'16	22°04'31
retrograde	-4731 Mar 23 j 23:35	12°♓07'58	
evening set	-4731 Mar 26 j 20:03	11°♓49'57	
desc. node	-4731 Apr 02 j 00:18	9°♓27'26	
min. Earth dist.	-4731 Apr 04 j 16:11	7°♓59'57	0.55270 AU
inferior conj	-4731 Apr 05 j 03:40	7°♓43'45	0°-51'-37
minimum elong	-4731 Apr 05 j 01:18	7°♓47'06	0°50'55
morning rise	-4731 Apr 14 j 07:50	3°♓44'49	
direct	-4731 Apr 17 j 00:14	3°♓28'37	
morning max el	-4731 Apr 28 j 22:12	9°♓06'08	21°24'24
	-4731 May 13 j 11:37	0°♈	
asc. node	-4731 May 16 j 23:22	6°♈47'36	
morning set	-4731 May 19 j 00:25	10°♈57'21	
superior conj	-4731 May 26 j 11:57	26°♈34'09	1°24'13
minimum elong	-4731 May 26 j 09:13	26°♈20'00	1°23'59
	-4731 May 28 j 03:54	0°♉	
max. Earth dist.	-4731 May 30 j 07:44	4°♉22'48	1.35168 AU
evening rise	-4731 Jun 03 j 21:03	13°♉17'50	
	-4731 Jun 13 j 04:28	0°♊	
desc. node	-4731 Jun 28 j 22:50	23°♊42'01	
	-4731 Jul 04 j 00:26	0°♋	
evening max el	-4731 Jul 09 j 03:38	5°♋30'47	26°45'37
retrograde	-4731 Jul 22 j 04:02	12°♋49'56	
evening set	-4731 Jul 28 j 20:51	10°♋03'25	
min. Earth dist.	-4731 Aug 01 j 20:01	5°♋58'14	0.65680 AU
inferior conj	-4731 Aug 03 j 13:46	3°♋53'55	-2°-50'-42
minimum elong	-4731 Aug 03 j 17:14	3°♋43'34	2°49'26
	-4731 Aug 07 j 03:17	30°℞♊	
morning rise	-4731 Aug 09 j 14:40	28°♊09'31	
direct	-4731 Aug 12 j 13:03	27°♊21'23	
asc. node	-4731 Aug 12 j 22:54	27°♊22'19	
	-4731 Aug 18 j 02:51	0°♋	
morning max el	-4731 Aug 19 j 05:11	1°♋02'49	18°33'09
	-4731 Sep 07 j 17:09	0°♌	
morning set	-4731 Sep 08 j 05:07	0°♌48'29	
superior conj	-4731 Sep 23 j 14:56	25°♌26'34	0°08'16
minimum elong	-4731 Sep 23 j 16:02	25°♌30'52	0°08'15
behind sun begin	-4731 Sep 23 j 06:08	24°♌51'49	
behind sun end	-4731 Sep 24 j 01:55	26°♌09'54	
desc. node	-4731 Sep 24 j 22:20	27°♌30'26	
max. Earth dist.	-4731 Sep 24 j 22:05	27°♌29'25	1.44791 AU
	-4731 Sep 26 j 12:18	0°♍	
evening rise	-4731 Oct 10 j 00:21	21°♍17'09	
	-4731 Oct 15 j 12:36	0°♎	
evening max el	-4731 Nov 01 j 13:45	24°♎25'05	19°11'20
retrograde	-4731 Nov 08 j 14:25	28°♎27'02	
asc. node	-4731 Nov 08 j 21:41	28°♎26'31	
evening set	-4731 Nov 11 j 19:04	27°♎27'49	
inferior conj	-4731 Nov 17 j 12:55	21°♎34'51	2°39'50
minimum elong	-4731 Nov 17 j 09:50	21°♎44'36	2°38'47
min. Earth dist.	-4731 Nov 18 j 21:58	19°♎50'29	0.65724 AU
morning rise	-4731 Nov 22 j 23:44	15°♎22'50	
direct	-4731 Nov 29 j 08:01	12°♎38'38	
morning max el	-4731 Dec 12 j 00:58	20°♎04'29	26°21'22
	-4731 Dec 20 j 15:02	0°♏	
desc. node	-4731 Dec 21 j 22:24	1°♏42'19	
	-4730 Jan 09 j 12:46	0°♐	
morning set	-4730 Jan 17 j 02:11	13°♐32'42	
max. Earth dist.	-4730 Jan 21 j 06:31	21°♐34'04	1.35228 AU
	-4730 Jan 25 j 11:30	0°♑	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4730 Jan	25 j 23:04	0°♑59'07	-1°-27'-12
minimum elong	-4730 Jan	26 j 02:06	1°♑14'38	1°27'05
evening rise	-4730 Feb	02 j 16:25	16°♑58'55	
asc. node	-4730 Feb	04 j 20:37	21°♑24'17	
	-4730 Feb	09 j 07:54	0°♒	
evening max el	-4730 Feb	21 j 12:29	17°♒14'34	20°40'24
retrograde	-4730 Mar	04 j 13:35	22°♒29'30	
evening set	-4730 Mar	06 j 22:55	22°♒15'44	
inferior conj	-4730 Mar	15 j 23:29	18°♒17'47	1°04'02
minimum elong	-4730 Mar	16 j 02:17	18°♒13'42	1°02'56
min. Earth dist.	-4730 Mar	17 j 06:18	17°♒33'07	0.55363 AU
desc. node	-4730 Mar	19 j 21:28	16°♒05'59	
morning rise	-4730 Mar	25 j 03:59	14°♒01'50	
direct	-4730 Mar	28 j 12:46	13°♒37'10	
morning max el	-4730 Apr	10 j 19:48	20°♒05'59	22°58'54
	-4730 Apr	19 j 02:13	0°♓	
morning set	-4730 May	03 j 11:30	25°♓55'13	
asc. node	-4730 May	03 j 20:19	26°♓41'19	
	-4730 May	05 j 10:00	0°♈	
superior conj	-4730 May	10 j 16:34	11°♈15'32	1°05'21
minimum elong	-4730 May	10 j 14:05	11°♈02'18	1°04'58
max. Earth dist.	-4730 May	13 j 05:47	16°♈38'30	1.33995 AU
evening rise	-4730 May	18 j 10:50	27°♈15'09	
	-4730 May	19 j 20:32	0°♉	
	-4730 Jun	06 j 11:05	0°♊	
desc. node	-4730 Jun	15 j 19:56	12°♊31'01	
evening max el	-4730 Jun	21 j 14:35	18°♊46'17	27°19'07
retrograde	-4730 Jul	05 j 02:45	26°♊11'28	
evening set	-4730 Jul	12 j 04:07	23°♊26'16	
min. Earth dist.	-4730 Jul	15 j 20:51	19°♊57'52	0.64378 AU
inferior conj	-4730 Jul	18 j 04:38	17°♊26'03	-3°-30'-43
minimum elong	-4730 Jul	18 j 08:12	17°♊16'18	3°29'43
morning rise	-4730 Jul	24 j 13:55	11°♊57'57	
direct	-4730 Jul	27 j 06:54	11°♊19'51	
asc. node	-4730 Jul	30 j 19:58	12°♊24'23	
morning max el	-4730 Aug	02 j 19:12	14°♊48'06	18°06'00
	-4730 Aug	13 j 12:00	0°♋	
morning set	-4730 Aug	20 j 13:32	11°♋55'07	
	-4730 Aug	31 j 09:39	0°♌	
superior conj	-4730 Sep	03 j 00:01	4°♌13'23	0°53'44
minimum elong	-4730 Sep	03 j 05:33	4°♌35'45	0°53'17
max. Earth dist.	-4730 Sep	07 j 15:04	11°♌38'26	1.44306 AU
desc. node	-4730 Sep	11 j 19:14	18°♌14'17	
	-4730 Sep	19 j 08:19	0°♍	
evening rise	-4730 Sep	19 j 13:00	0°♍18'08	
greatest brilliancy	-4730 Oct	08 j 16:29	29°♍01'56	-0.6m
	-4730 Oct	09 j 09:21	0°♎	
evening max el	-4730 Oct	15 j 19:07	7°♎51'18	20°05'31
retrograde	-4730 Oct	23 j 11:31	12°♎21'25	
asc. node	-4730 Oct	26 j 18:50	11°♎17'55	
evening set	-4730 Oct	27 j 00:53	11°♎07'48	
inferior conj	-4730 Nov	01 j 13:56	5°♎02'55	1°53'25
minimum elong	-4730 Nov	01 j 11:31	5°♎10'58	1°52'30
min. Earth dist.	-4730 Nov	02 j 10:36	3°♎54'08	0.66589 AU
	-4730 Nov	05 j 15:19	30°℞♍	
morning rise	-4730 Nov	06 j 21:33	28°♍46'25	
direct	-4730 Nov	12 j 15:23	26°♍16'51	
	-4730 Nov	20 j 19:46	0°♎	
morning max el	-4730 Nov	24 j 09:56	3°♎16'35	25°07'15
desc. node	-4730 Dec	08 j 19:23	21°♎06'32	
	-4730 Dec	14 j 21:14	0°♏	
morning set	-4730 Dec	30 j 13:08	25°♏48'05	
	-4729 Jan	01 j 20:50	0°♐	
max. Earth dist.	-4729 Jan	03 j 08:01	2°♐42'16	1.36922 AU

superior conj	-4729 Jan	09 j 12:55	14°♐35'35	-1°-43'-11
minimum elong	-4729 Jan	09 j 15:31	14°♐48'22	1°43'14
	-4729 Jan	17 j 05:11	0°♑	
evening rise	-4729 Jan	17 j 19:49	1°♑13'39	
asc. node	-4729 Jan	22 j 17:40	10°♑50'18	
evening max el	-4729 Feb	04 j 02:07	29°♑03'01	19°32'51
	-4729 Feb	05 j 03:31	0°♒	
retrograde	-4729 Feb	13 j 11:26	3°♒30'03	
evening set	-4729 Feb	15 j 19:48	3°♒14'36	
	-4729 Feb	22 j 21:33	30°℞♑	
inferior conj	-4729 Feb	24 j 05:28	29°♑09'05	2°40'20
minimum elong	-4729 Feb	24 j 10:36	29°♑00'47	2°38'46
min. Earth dist.	-4729 Feb	26 j 21:06	27°♑26'50	0.56346 AU
morning rise	-4729 Mar	04 j 21:51	24°♑24'33	
desc. node	-4729 Mar	06 j 18:38	23°♑54'20	
direct	-4729 Mar	09 j 10:38	23°♑38'00	
	-4729 Mar	22 j 16:33	0°♒	
morning max el	-4729 Mar	23 j 11:27	0°♒44'12	24°37'25
	-4729 Apr	12 j 12:59	0°♓	
morning set	-4729 Apr	17 j 23:48	10°♓58'36	
asc. node	-4729 Apr	20 j 17:17	16°♓46'53	
superior conj	-4729 Apr	25 j 01:29	26°♓10'53	0°43'36
minimum elong	-4729 Apr	24 j 23:40	26°♓01'04	0°43'13
max. Earth dist.	-4729 Apr	26 j 12:21	29°♓19'01	1.33193 AU
	-4729 Apr	26 j 19:58	0°♈	
evening rise	-4729 May	02 j 10:02	11°♈42'10	
	-4729 May	12 j 02:18	0°♉	
	-4729 Jun	02 j 08:23	0°♊	
desc. node	-4729 Jun	02 j 17:04	0°♊22'14	
evening max el	-4729 Jun	03 j 23:41	1°♊37'51	27°23'10
retrograde	-4729 Jun	17 j 19:30	9°♊02'50	
evening set	-4729 Jun	24 j 22:05	6°♊32'50	
min. Earth dist.	-4729 Jun	28 j 12:15	3°♊33'30	0.62710 AU
inferior conj	-4729 Jul	01 j 09:32	0°♊44'44	-4°00'-25
minimum elong	-4729 Jul	01 j 12:14	0°♊38'07	3°59'52
	-4729 Jul	02 j 03:58	30°℞♉	
morning rise	-4729 Jul	08 j 04:42	25°♉35'40	
direct	-4729 Jul	10 j 18:23	25°♉05'04	
morning max el	-4729 Jul	17 j 09:53	28°♉29'01	17°56'51
asc. node	-4729 Jul	17 j 17:01	28°♉46'51	
	-4729 Jul	18 j 19:58	0°♊	
morning set	-4729 Aug	02 j 21:01	24°♊07'51	
	-4729 Aug	06 j 04:27	0°♋	
superior conj	-4729 Aug	14 j 10:19	14°♋15'32	1°26'23
minimum elong	-4729 Aug	14 j 15:39	14°♋38'03	1°26'09
max. Earth dist.	-4729 Aug	21 j 04:23	25°♋26'19	1.43174 AU
	-4729 Aug	24 j 00:19	0°♌	
evening rise	-4729 Aug	29 j 16:29	8°♌56'59	
desc. node	-4729 Aug	29 j 16:11	8°♌55'49	
	-4729 Sep	12 j 14:33	0°♍	
greatest brilliancy	-4729 Sep	23 j 10:22	15°♍03'24	-0.5m
evening max el	-4729 Sep	28 j 18:33	21°♍16'53	21°12'51
retrograde	-4729 Oct	07 j 08:16	26°♍21'26	
evening set	-4729 Oct	11 j 08:41	24°♍50'37	
asc. node	-4729 Oct	13 j 16:00	22°♍37'50	
inferior conj	-4729 Oct	16 j 18:34	18°♍37'16	1°02'50
minimum elong	-4729 Oct	16 j 17:09	18°♍42'08	1°02'19
min. Earth dist.	-4729 Oct	17 j 04:09	18°♍04'26	0.67138 AU
morning rise	-4729 Oct	22 j 01:15	12°♍19'19	
direct	-4729 Oct	27 j 03:49	10°♍09'33	
morning max el	-4729 Nov	06 j 18:52	16°♍30'41	23°42'40
	-4729 Nov	17 j 22:08	0°♎	
desc. node	-4729 Nov	25 j 16:17	10°♎58'52	
	-4729 Dec	07 j 22:06	0°♏	
morning set	-4729 Dec	12 j 00:18	6°♏48'57	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4729 Dec 16 j 03:48	13°♏58'51	1.38924 AU	
superior conj	-4729 Dec 23 j 13:36	27°♏28'06	-1°-52'-16	
minimum elong	-4729 Dec 23 j 14:36	27°♏32'51	1°52'28	
	-4729 Dec 24 j 21:46	0°♐		
evening rise	-4728 Jan 01 j 16:00	15°♐00'40		
asc. node	-4728 Jan 09 j 14:46	29°♐48'50		
	-4728 Jan 09 j 17:23	0°♑		
evening max el	-4728 Jan 18 j 01:25	11°♑24'32	18°44'34	
retrograde	-4728 Jan 26 j 01:58	15°♑17'09		
evening set	-4728 Jan 28 j 12:44	14°♑56'53		
inferior conj	-4728 Feb 05 j 06:01	10°♑33'22	3°39'56	
minimum elong	-4728 Feb 05 j 09:40	10°♑26'32	3°39'09	
min. Earth dist.	-4728 Feb 08 j 13:23	8°♑06'16	0.57987 AU	
morning rise	-4728 Feb 13 j 02:57	5°♑21'32		
direct	-4728 Feb 18 j 21:24	3°♑59'54		
desc. node	-4728 Feb 21 j 15:46	4°♑18'35		
morning max el	-4728 Mar 04 j 03:05	11°♑26'05	26°05'54	
	-4728 Mar 18 j 11:24	0°♒		
morning set	-4728 Apr 01 j 11:33	26°♒00'15		
	-4728 Apr 03 j 08:50	0°♓		
asc. node	-4728 Apr 06 j 14:15	6°♓58'45		
superior conj	-4728 Apr 08 j 12:40	11°♓12'14	0°19'59	
minimum elong	-4728 Apr 08 j 11:48	11°♓07'29	0°19'41	
max. Earth dist.	-4728 Apr 09 j 00:19	12°♓15'53	1.32735 AU	
evening rise	-4728 Apr 15 j 15:31	26°♓27'36		
	-4728 Apr 17 j 09:01	0°♈		
	-4728 May 04 j 16:24	0°♉		
evening max el	-4728 May 16 j 04:27	13°♉53'29	26°54'32	
desc. node	-4728 May 19 j 14:14	16°♉50'51		
retrograde	-4728 May 30 j 04:50	21°♉14'53		
evening set	-4728 Jun 05 j 22:37	19°♉13'45		
min. Earth dist.	-4728 Jun 09 j 17:58	16°♉30'16	0.60763 AU	
inferior conj	-4728 Jun 13 j 01:02	13°♉41'25	-4°-14'-4	
minimum elong	-4728 Jun 13 j 01:35	13°♉40'16	4°13'54	
morning rise	-4728 Jun 20 j 07:39	8°♉53'34		
direct	-4728 Jun 22 j 19:39	8°♉28'40		
morning max el	-4728 Jun 29 j 22:31	11°♉58'16	18°06'42	
asc. node	-4728 Jul 03 j 14:02	16°♉13'36		
	-4728 Jul 12 j 00:15	0°♊		
morning set	-4728 Jul 15 j 22:06	7°♊12'22		
superior conj	-4728 Jul 25 j 23:52	25°♊39'00	1°44'15	
minimum elong	-4728 Jul 26 j 02:34	25°♊51'00	1°44'21	
	-4728 Jul 28 j 11:08	0°♋		
max. Earth dist.	-4728 Aug 02 j 12:41	8°♋40'06	1.41541 AU	
evening rise	-4728 Aug 08 j 07:14	18°♋09'09		
desc. node	-4728 Aug 15 j 13:10	29°♋31'40		
	-4728 Aug 15 j 20:34	0°♌		
greatest brilliancy	-4728 Sep 05 j 18:10	29°♌22'57	-0.3m	
	-4728 Sep 06 j 06:27	0°♍		
evening max el	-4728 Sep 10 j 11:57	4°♍42'22	22°29'35	
retrograde	-4728 Sep 20 j 03:05	10°♍25'11		
evening set	-4728 Sep 24 j 16:39	8°♍34'58		
asc. node	-4728 Sep 29 j 13:08	2°♍57'16		
inferior conj	-4728 Sep 30 j 00:57	2°♍16'31	0°10'05	
minimum elong	-4728 Sep 30 j 00:43	2°♍17'20	0°10'07	
transit middle	-4728 Sep 30 j 00:43	2°♍17'20	0°10'07	
transit begin	-4728 Sep 29 j 22:35	2°♍24'39		
transit end	-4728 Sep 30 j 02:50	2°♍10'00		
min. Earth dist.	-4728 Sep 30 j 00:09	2°♍19'16	0.67384 AU	
	-4728 Oct 01 j 17:08	30°℞♌		
morning rise	-4728 Oct 05 j 08:39	26°♌00'13		
direct	-4728 Oct 09 j 20:27	24°♌12'00		
	-4728 Oct 19 j 11:11	0°♍		
morning max el	-4728 Oct 19 j 06:52	29°♌49'01	22°17'02	
greatest brilliancy	-4728 Oct 24 j 00:44	5°♍11'18	-0.3m	
	-4728 Nov 10 j 18:18	0°♎		
desc. node	-4728 Nov 11 j 13:12	1°♎11'30		
morning set	-4728 Nov 21 j 07:09	16°♎26'33		
max. Earth dist.	-4728 Nov 27 j 02:18	25°♎59'43	1.40979 AU	
	-4728 Nov 29 j 10:57	0°♏		
superior conj	-4728 Dec 04 j 20:05	9°♏24'05	-1°-51'-17	
minimum elong	-4728 Dec 04 j 18:11	9°♏15'35	1°51'23	
evening rise	-4728 Dec 15 j 01:59	28°♏13'38		
	-4728 Dec 16 j 00:46	0°♐		
asc. node	-4728 Dec 26 j 11:53	18°♐11'11		
evening max el	-4728 Dec 31 j 07:59	24°♐12'22	18°16'18	
retrograde	-4727 Jan 07 j 10:59	27°♐46'13		
evening set	-4727 Jan 10 j 00:04	27°♐19'54		
inferior conj	-4727 Jan 17 j 02:46	22°♐34'19	4°03'48	
minimum elong	-4727 Jan 17 j 03:31	22°♐32'42	4°03'32	
min. Earth dist.	-4727 Jan 20 j 10:00	19°♐43'33	0.59947 AU	
morning rise	-4727 Jan 24 j 04:01	17°♐01'24		
direct	-4727 Jan 30 j 19:39	15°♐01'17		
desc. node	-4727 Feb 07 j 12:52	17°♐28'19		
morning max el	-4727 Feb 13 j 23:50	22°♐37'20	27°09'55	
	-4727 Feb 20 j 13:42	0°♑		
	-4727 Mar 11 j 09:57	0°♒		
morning set	-4727 Mar 16 j 21:00	10°♒53'42		
max. Earth dist.	-4727 Mar 23 j 13:56	25°♒16'12	1.32605 AU	
superior conj	-4727 Mar 24 j 00:24	26°♒13'24	0°-4'-42	
minimum elong	-4727 Mar 24 j 00:37	26°♒14'35	0°04'50	
behind sun begin	-4727 Mar 23 j 19:49	25°♒48'21		
behind sun end	-4727 Mar 24 j 05:24	26°♒40'49		
asc. node	-4727 Mar 24 j 11:15	27°♒12'46		
	-4727 Mar 25 j 17:50	0°♓		
evening rise	-4727 Mar 31 j 00:53	11°♓22'51		
	-4727 Apr 09 j 15:30	0°♈		
evening max el	-4727 Apr 28 j 02:56	25°♈26'45	25°54'42	
	-4727 May 03 j 20:21	0°♉		
desc. node	-4727 May 06 j 11:25	1°♉24'12		
retrograde	-4727 May 12 j 05:05	2°♉42'12		
evening set	-4727 May 18 j 02:16	1°♉18'19		
	-4727 May 20 j 11:54	30°℞♈		
min. Earth dist.	-4727 May 22 j 15:30	28°♈34'06	0.58729 AU	
inferior conj	-4727 May 25 j 23:28	26°♈06'22	-4°-3'-22	
minimum elong	-4727 May 25 j 20:45	26°♈11'25	4°03'02	
morning rise	-4727 Jun 02 j 19:08	21°♈40'33		
direct	-4727 Jun 05 j 06:21	21°♈20'18		
morning max el	-4727 Jun 13 j 06:14	25°♈07'42	18°36'19	
	-4727 Jun 17 j 10:43	0°♉		
asc. node	-4727 Jun 20 j 11:03	4°♉30'17		
morning set	-4727 Jun 29 j 11:59	20°♉56'09		
	-4727 Jul 04 j 04:31	0°♊		
superior conj	-4727 Jul 08 j 11:53	8°♊10'42	1°49'25	
minimum elong	-4727 Jul 08 j 11:55	8°♊10'53	1°49'38	
max. Earth dist.	-4727 Jul 15 j 15:51	21°♊10'23	1.39634 AU	
evening rise	-4727 Jul 19 j 22:18	28°♊30'59		
	-4727 Jul 20 j 19:30	0°♋		
desc. node	-4727 Aug 02 j 10:10	19°♋57'07		
	-4727 Aug 09 j 08:48	0°♌		
evening max el	-4727 Aug 24 j 00:36	18°♌08'13	23°50'26	
retrograde	-4727 Sep 03 j 18:45	24°♌28'59		
evening set	-4727 Sep 08 j 23:00	22°♌18'38		
inferior conj	-4727 Sep 14 j 07:18	15°♌58'22	0°-43'-9	
minimum elong	-4727 Sep 14 j 08:18	15°♌54'58	0°42'34	
min. Earth dist.	-4727 Sep 13 j 20:10	16°♌36'17	0.67328 AU	
asc. node	-4727 Sep 16 j 10:15	13°♌09'58		
morning rise	-4727 Sep 19 j 17:45	9°♌46'51		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4727 Sep 23 j 16:14	8°♌19'11	
morning max el	-4727 Oct 02 j 00:51	13°♌14'25	20°57'42
greatest brilliancy	-4727 Oct 07 j 18:52	20°♌00'59	-0.5m
	-4727 Oct 15 j 00:16	0°♍	
desc. node	-4727 Oct 29 j 10:06	21°♍37'57	
morning set	-4727 Oct 31 j 13:16	24°♍56'45	
	-4727 Nov 03 j 18:27	0°♎	
max. Earth dist.	-4727 Nov 09 j 07:44	8°♎54'18	1.42783 AU
superior conj	-4727 Nov 16 j 02:32	20°♎08'46	-1°-36'-33
minimum elong	-4727 Nov 15 j 21:09	19°♎46'01	1°36'13
	-4727 Nov 21 j 20:11	0°♏	
evening rise	-4727 Nov 27 j 21:55	10°♏44'10	
	-4727 Dec 09 j 03:26	0°♐	
asc. node	-4727 Dec 13 j 08:59	5°♐46'15	
evening max el	-4727 Dec 14 j 18:59	7°♐18'30	18°07'52
retrograde	-4727 Dec 21 j 10:55	10°♐47'10	
evening set	-4727 Dec 24 j 02:30	10°♐13'55	
inferior conj	-4727 Dec 30 j 17:11	5°♐06'31	4°00'28
minimum elong	-4727 Dec 30 j 15:32	5°♐10'37	4°00'07
min. Earth dist.	-4726 Jan 02 j 14:34	2°♐15'03	0.61905 AU
	-4726 Jan 05 j 04:04	30°℞♏	
morning rise	-4726 Jan 06 j 02:24	29°♏18'10	
direct	-4726 Jan 13 j 03:21	26°♏47'16	
	-4726 Jan 21 j 19:06	0°♐	
desc. node	-4726 Jan 25 j 09:56	2°♐52'52	
morning max el	-4726 Jan 27 j 03:01	4°♐29'12	27°40'01
	-4726 Feb 15 j 05:24	0°♑	
morning set	-4726 Mar 01 j 02:07	25°♑31'45	
	-4726 Mar 03 j 06:03	0°♒	
max. Earth dist.	-4726 Mar 07 j 01:17	8°♒05'36	1.32814 AU
superior conj	-4726 Mar 08 j 11:04	11°♒08'34	0°-29'-33
minimum elong	-4726 Mar 08 j 12:22	11°♒15'41	0°29'29
asc. node	-4726 Mar 11 j 08:15	17°♒24'47	
evening rise	-4726 Mar 15 j 12:12	26°♒20'49	
	-4726 Mar 17 j 06:19	0°♓	
	-4726 Apr 04 j 01:59	0°♈	
evening max el	-4726 Apr 09 j 20:05	6°♈24'41	24°31'34
desc. node	-4726 Apr 23 j 08:35	13°♈26'11	
retrograde	-4726 Apr 23 j 18:30	13°♈26'35	
evening set	-4726 Apr 28 j 09:32	12°♈38'12	
min. Earth dist.	-4726 May 04 j 08:06	9°♈38'02	0.56899 AU
inferior conj	-4726 May 07 j 02:07	7°♈51'52	-3°-18'-36
minimum elong	-4726 May 06 j 20:41	8°♈00'40	3°17'26
morning rise	-4726 May 15 j 12:01	3°♈45'03	
direct	-4726 May 17 j 22:35	3°♈28'34	
morning max el	-4726 May 27 j 06:19	7°♈48'43	19°26'13
asc. node	-4726 Jun 07 j 08:02	23°♈25'32	
	-4726 Jun 10 j 20:03	0°♉	
morning set	-4726 Jun 13 j 11:07	5°♉10'32	
superior conj	-4726 Jun 21 j 16:43	21°♉35'24	1°44'54
minimum elong	-4726 Jun 21 j 14:58	21°♉26'50	1°45'00
	-4726 Jun 26 j 01:48	0°♊	
max. Earth dist.	-4726 Jun 27 j 17:35	3°♊05'32	1.37715 AU
evening rise	-4726 Jul 01 j 15:24	10°♊10'26	
	-4726 Jul 13 j 13:25	0°♋	
desc. node	-4726 Jul 20 j 07:12	10°♋07'07	
	-4726 Aug 04 j 21:13	0°♌	
evening max el	-4726 Aug 06 j 11:10	1°♌36'55	25°08'20
retrograde	-4726 Aug 18 j 06:32	8°♌29'07	
evening set	-4726 Aug 24 j 01:53	6°♌00'25	
min. Earth dist.	-4726 Aug 28 j 13:51	0°♌54'13	0.66961 AU
inferior conj	-4726 Aug 29 j 11:55	29°♋41'38	-1°-35'-16
minimum elong	-4726 Aug 29 j 14:05	29°♋34'30	1°34'13
	-4726 Aug 29 j 06:21	30°℞♋	

asc. node	-4726 Sep 03 j 07:22	24°♋14'06	
morning rise	-4726 Sep 04 j 02:45	23°♋37'59	
direct	-4726 Sep 07 j 14:00	22°♋28'16	
morning max el	-4726 Sep 15 j 02:01	26°♋48'28	19°49'45
	-4726 Sep 17 j 21:56	0°♌	
greatest brilliancy	-4726 Sep 23 j 00:39	6°♌48'02	-0.6m
	-4726 Oct 08 j 10:23	0°♍	
morning set	-4726 Oct 10 j 12:22	3°♍13'33	
desc. node	-4726 Oct 16 j 06:59	12°♍13'45	
max. Earth dist.	-4726 Oct 22 j 19:41	22°♍32'01	1.44090 AU
superior conj	-4726 Oct 27 j 05:22	29°♍35'34	-1°-5'-29
minimum elong	-4726 Oct 26 j 22:46	29°♍08'53	1°04'44
	-4726 Oct 27 j 11:25	0°♎	
evening rise	-4726 Nov 09 j 23:14	22°♎22'55	
	-4726 Nov 14 j 10:56	0°♏	
evening max el	-4726 Nov 28 j 07:42	20°♏36'42	18°18'33
asc. node	-4726 Nov 30 j 06:06	22°♏20'40	
retrograde	-4726 Dec 04 j 21:15	24°♏10'58	
evening set	-4726 Dec 07 j 16:28	23°♏29'22	
inferior conj	-4726 Dec 13 j 21:30	18°♏02'16	3°38'23
minimum elong	-4726 Dec 13 j 18:34	18°♏10'24	3°37'40
min. Earth dist.	-4726 Dec 16 j 04:59	15°♏28'36	0.63651 AU
morning rise	-4726 Dec 19 j 19:07	12°♏02'30	
direct	-4726 Dec 26 j 19:08	9°♏15'00	
morning max el	-4725 Jan 09 j 10:47	16°♏57'57	27°33'53
desc. node	-4725 Jan 12 j 06:58	19°♏56'32	
	-4725 Jan 20 j 08:55	0°♐	
	-4725 Feb 07 j 22:36	0°♑	
morning set	-4725 Feb 13 j 00:23	9°♑45'13	
max. Earth dist.	-4725 Feb 18 j 06:16	20°♑29'45	1.33409 AU
superior conj	-4725 Feb 20 j 18:53	25°♑51'15	0°-53'-39
minimum elong	-4725 Feb 20 j 21:09	26°♑03'23	0°53'28
	-4725 Feb 22 j 17:17	0°♒	
asc. node	-4725 Feb 26 j 05:14	7°♒30'14	
evening rise	-4725 Feb 27 j 23:38	11°♒14'31	
	-4725 Mar 09 j 17:31	0°♓	
evening max el	-4725 Mar 22 j 12:33	17°♓08'16	22°57'52
retrograde	-4725 Apr 04 j 19:19	23°♓39'41	
evening set	-4725 Apr 08 j 04:02	23°♓14'55	
desc. node	-4725 Apr 10 j 05:46	22°♓36'43	
min. Earth dist.	-4725 Apr 15 j 22:53	19°♓46'53	0.55625 AU
inferior conj	-4725 Apr 17 j 09:44	18°♓56'15	-1°-54'-30
minimum elong	-4725 Apr 17 j 05:00	19°♓03'10	1°53'06
morning rise	-4725 Apr 26 j 08:44	14°♓58'32	
direct	-4725 Apr 28 j 20:48	14°♓43'35	
morning max el	-4725 May 09 j 20:16	19°♓51'08	20°36'05
	-4725 May 17 j 22:59	0°♈	
asc. node	-4725 May 25 j 05:01	12°♈48'58	
morning set	-4725 May 28 j 16:37	19°♈46'45	
	-4725 Jun 02 j 15:37	0°♉	
superior conj	-4725 Jun 05 j 09:31	5°♉37'54	1°33'18
minimum elong	-4725 Jun 05 j 06:55	5°♉24'40	1°33'11
max. Earth dist.	-4725 Jun 10 j 00:18	14°♉50'38	1.36004 AU
evening rise	-4725 Jun 14 j 06:00	22°♉55'17	
	-4725 Jun 18 j 03:34	0°♊	
desc. node	-4725 Jul 07 j 04:16	29°♊54'00	
	-4725 Jul 07 j 06:02	0°♋	
evening max el	-4725 Jul 19 j 21:54	15°♋07'01	26°15'20
retrograde	-4725 Aug 01 j 13:38	22°♋19'44	
evening set	-4725 Aug 07 j 23:13	19°♋37'38	
min. Earth dist.	-4725 Aug 12 j 02:51	15°♋09'45	0.66251 AU
inferior conj	-4725 Aug 13 j 12:57	13°♋23'42	-2°-24'-30
minimum elong	-4725 Aug 13 j 16:04	13°♋14'01	2°23'13
morning rise	-4725 Aug 19 j 09:43	7°♋31'05	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4725 Aug 21 j 04:27	6°♋45'58	
direct	-4725 Aug 22 j 12:05	6°♋36'01	
morning max el	-4725 Aug 29 j 09:40	10°♋29'25	18°56'23
	-4725 Sep 12 j 08:06	0°♌	
morning set	-4725 Sep 20 j 03:00	12°♌19'32	
	-4725 Oct 01 j 07:24	0°♍	
desc. node	-4725 Oct 03 j 03:52	2°♍55'13	
max. Earth dist.	-4725 Oct 05 j 12:02	6°♍36'34	1.44743 AU
superior conj	-4725 Oct 06 j 09:52	8°♍02'39	0°-20'-23
minimum elong	-4725 Oct 06 j 07:13	7°♍52'14	0°19'57
	-4725 Oct 20 j 04:39	0°♎	
evening rise	-4725 Oct 22 j 01:17	3°♎00'14	
	-4725 Nov 08 j 09:58	0°♏	
evening max el	-4725 Nov 11 j 19:30	4°♏01'37	18°47'18
asc. node	-4725 Nov 17 j 03:13	7°♏39'03	
retrograde	-4725 Nov 18 j 14:06	7°♏50'48	
evening set	-4725 Nov 21 j 14:44	6°♏58'45	
inferior conj	-4725 Nov 27 j 12:09	1°♏14'34	3°03'45
minimum elong	-4725 Nov 27 j 08:55	1°♏24'23	3°02'45
	-4725 Nov 28 j 12:40	30°℞♎	
min. Earth dist.	-4725 Nov 29 j 05:08	29°♎10'24	0.65072 AU
morning rise	-4725 Dec 03 j 02:01	25°♎06'26	
direct	-4725 Dec 09 j 17:35	22°♎17'16	
	-4725 Dec 22 j 23:20	0°♏	
morning max el	-4725 Dec 22 j 20:18	29°♎52'25	26°55'21
desc. node	-4725 Dec 30 j 03:57	8°♏10'26	
	-4724 Jan 14 j 06:40	0°♐	
morning set	-4724 Jan 27 j 12:33	23°♐23'46	
	-4724 Jan 30 j 21:30	0°♑	
max. Earth dist.	-4724 Feb 01 j 01:22	2°♑19'55	1.34436 AU
superior conj	-4724 Feb 04 j 21:52	10°♑15'01	-1°-15'-51
minimum elong	-4724 Feb 05 j 00:47	10°♑30'12	1°15'40
evening rise	-4724 Feb 12 j 09:31	25°♑58'17	
asc. node	-4724 Feb 13 j 02:15	27°♑24'47	
	-4724 Feb 14 j 08:37	0°♒	
evening max el	-4724 Mar 03 j 10:31	28°♒04'49	21°27'09
	-4724 Mar 05 j 15:46	0°♓	
retrograde	-4724 Mar 15 j 09:57	3°♓48'54	
evening set	-4724 Mar 17 j 23:56	3°♓33'46	
	-4724 Mar 26 j 11:19	30°℞♒	
inferior conj	-4724 Mar 27 j 06:02	29°♒33'40	0°-2'-8
minimum elong	-4724 Mar 27 j 05:56	29°♒33'49	0°02'15
transit middle	-4724 Mar 27 j 05:56	29°♒33'49	0°02'15
transit begin	-4724 Mar 27 j 01:52	29°♒39'33	
transit end	-4724 Mar 27 j 10:00	29°♒28'05	
desc. node	-4724 Mar 27 j 02:56	29°♒38'03	
min. Earth dist.	-4724 Mar 27 j 13:09	29°♒23'38	0.55194 AU
morning rise	-4724 Apr 05 j 11:48	25°♒29'12	
direct	-4724 Apr 08 j 09:42	25°♒10'31	
	-4724 Apr 19 j 15:17	0°♓	
morning max el	-4724 Apr 20 j 23:12	1°♓11'20	22°03'17
	-4724 May 09 j 19:49	0°♈	
asc. node	-4724 May 11 j 01:59	2°♈33'16	
morning set	-4724 May 12 j 02:14	4°♈38'17	
superior conj	-4724 May 19 j 10:38	20°♈07'13	1°16'39
minimum elong	-4724 May 19 j 07:56	19°♈53'06	1°16'20
max. Earth dist.	-4724 May 22 j 16:39	26°♈51'51	1.34627 AU
	-4724 May 24 j 05:44	0°♉	
evening rise	-4724 May 27 j 12:43	6°♉30'08	
	-4724 Jun 09 j 19:14	0°♊	
desc. node	-4724 Jun 23 j 01:22	19°♊07'48	
evening max el	-4724 Jul 01 j 09:21	28°♊31'40	27°03'12
	-4724 Jul 02 j 23:19	0°♋	
retrograde	-4724 Jul 14 j 15:27	5°♋53'54	
evening set	-4724 Jul 21 j 12:28	3°♋06'50	
	-4724 Jul 24 j 17:29	30°℞♊	
min. Earth dist.	-4724 Jul 25 j 08:45	29°♊17'31	0.65172 AU
inferior conj	-4724 Jul 27 j 08:16	27°♊00'54	-3°-8'-42
minimum elong	-4724 Jul 27 j 11:52	26°♊50'30	3°07'30
morning rise	-4724 Aug 02 j 12:31	21°♊22'44	
direct	-4724 Aug 05 j 08:22	20°♊39'08	
asc. node	-4724 Aug 07 j 01:32	20°♊55'02	
morning max el	-4724 Aug 11 j 21:59	24°♊13'58	18°19'24
	-4724 Aug 16 j 14:26	0°♋	
morning set	-4724 Aug 30 j 20:14	22°♋43'04	
	-4724 Sep 04 j 06:35	0°♌	
superior conj	-4724 Sep 14 j 10:38	16°♌23'16	0°28'42
minimum elong	-4724 Sep 14 j 14:10	16°♌37'16	0°28'26
max. Earth dist.	-4724 Sep 17 j 06:08	20°♌50'46	1.44676 AU
desc. node	-4724 Sep 19 j 00:46	23°♌38'58	
	-4724 Sep 23 j 01:44	0°♍	
evening rise	-4724 Oct 01 j 02:13	12°♍32'46	
	-4724 Oct 12 j 08:14	0°♎	
greatest brilliancy	-4724 Oct 16 j 08:28	6°♎00'57	-0.7m
evening max el	-4724 Oct 25 j 03:53	17°♎28'20	19°32'39
retrograde	-4724 Nov 01 j 10:19	21°♎40'53	
asc. node	-4724 Nov 03 j 00:22	21°♎26'19	
evening set	-4724 Nov 04 j 18:29	20°♎35'48	
inferior conj	-4724 Nov 10 j 10:06	14°♎37'32	2°20'44
minimum elong	-4724 Nov 10 j 07:15	14°♎46'46	2°19'43
min. Earth dist.	-4724 Nov 11 j 13:42	13°♎08'13	0.66140 AU
morning rise	-4724 Nov 15 j 19:17	8°♎23'31	
direct	-4724 Nov 21 j 21:46	5°♎44'38	
morning max el	-4724 Dec 04 j 05:36	13°♎00'13	25°51'40
desc. node	-4724 Dec 16 j 00:54	27°♎12'57	
	-4724 Dec 18 j 01:11	0°♏	
	-4723 Jan 05 j 23:23	0°♐	
morning set	-4723 Jan 09 j 10:12	6°♐13'13	
max. Earth dist.	-4723 Jan 13 j 08:59	13°♐38'29	1.35908 AU
superior conj	-4723 Jan 18 j 17:25	24°♐11'02	-1°-34'-39
minimum elong	-4723 Jan 18 j 20:23	24°♐25'58	1°34'36
	-4723 Jan 21 j 14:03	0°♑	
evening rise	-4723 Jan 26 j 15:53	10°♑25'05	
asc. node	-4723 Jan 29 j 23:17	17°♑02'38	
	-4723 Feb 06 j 05:35	0°♒	
evening max el	-4723 Feb 13 j 17:59	9°♒31'33	20°09'21
retrograde	-4723 Feb 24 j 01:22	14°♒24'33	
evening set	-4723 Feb 26 j 09:48	14°♒10'25	
inferior conj	-4723 Mar 07 j 04:33	10°♒10'55	1°48'48
minimum elong	-4723 Mar 07 j 08:52	10°♒04'25	1°47'16
min. Earth dist.	-4723 Mar 09 j 03:10	9°♒01'00	0.55690 AU
desc. node	-4723 Mar 14 j 00:05	6°♒29'43	
morning rise	-4723 Mar 16 j 05:19	5°♒43'49	
direct	-4723 Mar 20 j 01:18	5°♒11'36	
morning max el	-4723 Apr 02 j 17:22	11°♒57'47	23°41'08
	-4723 Apr 16 j 07:07	0°♓	
morning set	-4723 Apr 26 j 14:03	19°♓38'54	
asc. node	-4723 Apr 27 j 22:57	22°♓32'22	
	-4723 May 01 j 10:31	0°♈	
superior conj	-4723 May 03 j 17:19	4°♈54'49	0°56'25
minimum elong	-4723 May 03 j 15:04	4°♈42'46	0°56'00
max. Earth dist.	-4723 May 05 j 18:54	9°♈19'21	1.33612 AU
evening rise	-4723 May 11 j 06:55	20°♈41'02	
	-4723 May 16 j 02:26	0°♉	
	-4723 Jun 03 j 19:09	0°♊	
desc. node	-4723 Jun 09 j 22:31	7°♊34'34	
evening max el	-4723 Jun 13 j 20:00	11°♊38'58	27°24'47
retrograde	-4723 Jun 27 j 11:29	19°♊03'42	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4723 Jul 04 j 14:33	16°♊23'19		
min. Earth dist.	-4723 Jul 08 j 05:37	13°♊08'38	0.63710 AU	
inferior conj	-4723 Jul 10 j 19:18	10°♊28'15	-3°-44'-54	
minimum elong	-4723 Jul 10 j 22:39	10°♊19'31	3°44'04	
morning rise	-4723 Jul 17 j 08:35	5°♊07'50		
direct	-4723 Jul 20 j 00:04	4°♊33'01		
asc. node	-4723 Jul 24 j 22:37	6°♊33'10		
morning max el	-4723 Jul 26 j 12:37	7°♊58'02	17°59'56	
	-4723 Aug 10 j 03:06	0°♋		
morning set	-4723 Aug 12 j 15:15	4°♋20'16		
superior conj	-4723 Aug 25 j 05:30	25°♋39'28	1°09'25	
minimum elong	-4723 Aug 25 j 11:26	26°♋03'54	1°09'00	
	-4723 Aug 27 j 21:16	0°♌		
max. Earth dist.	-4723 Aug 30 j 22:39	4°♌55'51	1.43899 AU	
desc. node	-4723 Sep 05 j 21:42	14°♌22'23		
evening rise	-4723 Sep 10 j 08:50	21°♌19'10		
	-4723 Sep 16 j 00:39	0°♍		
greatest brilliancy	-4723 Oct 02 j 01:25	23°♍24'13	-0.5m	
	-4723 Oct 07 j 10:14	0°♎		
evening max el	-4723 Oct 08 j 06:54	0°♎54'44	20°32'39	
retrograde	-4723 Oct 16 j 07:32	5°♎38'31		
evening set	-4723 Oct 20 j 01:26	4°♎17'41		
asc. node	-4723 Oct 20 j 21:31	3°♎37'27		
	-4723 Oct 24 j 03:30	30°℞♍		
inferior conj	-4723 Oct 25 j 12:56	28°♍08'38	1°32'19	
minimum elong	-4723 Oct 25 j 10:55	28°♍15'27	1°31'33	
min. Earth dist.	-4723 Oct 26 j 04:39	27°♍15'30	0.66867 AU	
morning rise	-4723 Oct 30 j 19:55	21°♍51'20		
direct	-4723 Nov 05 j 07:14	19°♍30'03		
morning max el	-4723 Nov 16 j 14:27	26°♍13'55	24°31'58	
	-4723 Nov 20 j 02:02	0°♎		
desc. node	-4723 Dec 02 j 21:51	16°♎50'10		
	-4723 Dec 11 j 15:35	0°♏		
morning set	-4723 Dec 22 j 11:46	17°♏58'23		
max. Earth dist.	-4723 Dec 26 j 07:35	24°♏47'22	1.37760 AU	
	-4723 Dec 29 j 03:30	0°♐		
superior conj	-4722 Jan 02 j 02:12	7°♐29'55	-1°-48'-3	
minimum elong	-4722 Jan 02 j 04:17	7°♐39'59	1°48'11	
evening rise	-4722 Jan 10 j 16:34	24°♐28'50		
	-4722 Jan 13 j 12:03	0°♑		
asc. node	-4722 Jan 16 j 20:22	6°♑17'43		
evening max el	-4722 Jan 27 j 11:50	21°♑33'50	19°09'44	
retrograde	-4722 Feb 05 j 06:00	25°♑44'41		
evening set	-4722 Feb 07 j 15:16	25°♑27'24		
inferior conj	-4722 Feb 15 j 17:49	21°♑14'38	3°10'23	
minimum elong	-4722 Feb 15 j 22:40	21°♑06'17	3°09'07	
min. Earth dist.	-4722 Feb 18 j 18:06	19°♑11'23	0.56985 AU	
morning rise	-4722 Feb 24 j 02:23	16°♑17'50		
desc. node	-4722 Feb 28 j 21:15	15°♑18'05		
direct	-4722 Mar 01 j 04:05	15°♑17'54		
morning max el	-4722 Mar 15 j 08:21	22°♑33'57	25°17'22	
	-4722 Mar 21 j 22:17	0°♒		
	-4722 Apr 08 j 19:41	0°♓		
morning set	-4722 Apr 11 j 02:18	4°♓42'10		
asc. node	-4722 Apr 14 j 19:55	12°♓40'58		
superior conj	-4722 Apr 18 j 03:23	19°♓53'05	0°33'45	
minimum elong	-4722 Apr 18 j 01:57	19°♓45'16	0°33'23	
max. Earth dist.	-4722 Apr 19 j 04:16	22°♓08'17	1.32953 AU	
	-4722 Apr 22 j 20:17	0°♈		
evening rise	-4722 Apr 25 j 09:04	5°♈16'25		
	-4722 May 08 j 18:19	0°♉		
evening max el	-4722 May 27 j 03:20	24°♉15'24	27°15'01	
desc. node	-4722 May 27 j 19:42	24°♉53'56		
	-4722 Jun 03 j 19:39	0°♊		
retrograde	-4722 Jun 10 j 01:09	1°♊39'21		
	-4722 Jun 15 j 23:04	30°℞♉		
evening set	-4722 Jun 17 j 01:36	29°♉19'45		
min. Earth dist.	-4722 Jun 20 j 16:35	26°♉29'28	0.61903 AU	
inferior conj	-4722 Jun 23 j 18:55	23°♉38'05	-4°-8'-37	
minimum elong	-4722 Jun 23 j 20:52	23°♉33'33	4°08'17	
morning rise	-4722 Jun 30 j 18:47	18°♉38'10		
direct	-4722 Jul 03 j 07:39	18°♉10'10		
morning max el	-4722 Jul 10 j 02:50	21°♉34'52	17°58'48	
asc. node	-4722 Jul 11 j 19:39	23°♉24'35		
	-4722 Jul 16 j 13:23	0°♊		
morning set	-4722 Jul 26 j 06:49	16°♊56'10		
	-4722 Aug 02 j 13:21	0°♋		
superior conj	-4722 Aug 06 j 03:44	6°♋17'07	1°35'42	
minimum elong	-4722 Aug 06 j 08:04	6°♋35'49	1°35'37	
max. Earth dist.	-4722 Aug 13 j 10:00	18°♋30'47	1.42522 AU	
evening rise	-4722 Aug 20 j 14:40	0°♌05'00		
	-4722 Aug 20 j 13:24	0°♌		
desc. node	-4722 Aug 23 j 18:41	5°♌01'46		
	-4722 Sep 09 j 16:08	0°♍		
greatest brilliancy	-4722 Sep 16 j 05:22	8°♍41'35	-0.4m	
evening max el	-4722 Sep 21 j 03:34	14°♍19'28	21°44'32	
retrograde	-4722 Sep 30 j 03:47	19°♍40'31		
evening set	-4722 Oct 04 j 09:34	18°♍01'33		
asc. node	-4722 Oct 07 j 18:40	14°♍26'30		
inferior conj	-4722 Oct 09 j 18:33	11°♍45'18	0°40'39	
minimum elong	-4722 Oct 09 j 17:37	11°♍48'32	0°40'21	
min. Earth dist.	-4722 Oct 09 j 23:36	11°♍27'54	0.67276 AU	
morning rise	-4722 Oct 15 j 01:26	5°♍27'36		
direct	-4722 Oct 19 j 21:27	3°♍27'12		
morning max el	-4722 Oct 30 j 00:30	9°♍30'12	23°05'55	
greatest brilliancy	-4722 Nov 04 j 01:35	15°♍11'09	-0.3m	
	-4722 Nov 15 j 02:19	0°♎		
desc. node	-4722 Nov 19 j 18:46	6°♎51'57		
morning set	-4722 Dec 03 j 11:19	28°♎24'52		
	-4722 Dec 04 j 10:10	0°♏		
max. Earth dist.	-4722 Dec 08 j 03:43	6°♏20'07	1.39807 AU	
superior conj	-4722 Dec 15 j 19:50	20°♏00'10	-1°-53'-18	
minimum elong	-4722 Dec 15 j 19:46	19°♏59'50	1°53'30	
	-4722 Dec 21 j 03:56	0°♐		
evening rise	-4722 Dec 25 j 08:53	8°♐02'46		
asc. node	-4721 Jan 03 j 17:27	25°♐02'22		
	-4721 Jan 07 j 01:22	0°♑		
evening max el	-4721 Jan 10 j 14:32	4°♑07'50	18°30'04	
retrograde	-4721 Jan 18 j 04:50	7°♑50'58		
evening set	-4721 Jan 20 j 16:24	7°♑28'25		
inferior conj	-4721 Jan 28 j 03:12	2°♑55'49	3°53'58	
minimum elong	-4721 Jan 28 j 05:39	2°♑50'56	3°53'29	
min. Earth dist.	-4721 Jan 31 j 12:10	0°♑15'29	0.58797 AU	
	-4721 Jan 31 j 20:25	30°℞♐		
morning rise	-4721 Feb 04 j 15:26	27°♐33'47		
direct	-4721 Feb 10 j 20:04	25°♐55'27		
desc. node	-4721 Feb 15 j 18:21	26°♐55'25		
	-4721 Feb 21 j 01:48	0°♑		
morning max el	-4721 Feb 25 j 02:02	3°♑27'29	26°36'51	
	-4721 Mar 16 j 07:50	0°♒		
morning set	-4721 Mar 26 j 13:20	19°♒41'49		
	-4721 Mar 31 j 08:53	0°♓		
asc. node	-4721 Apr 01 j 16:54	2°♓54'44		
superior conj	-4721 Apr 02 j 15:02	4°♓55'47	0°09'35	
minimum elong	-4721 Apr 02 j 14:37	4°♓53'28	0°09'23	
behind sun begin	-4721 Apr 02 j 10:34	4°♓31'22		
behind sun end	-4721 Apr 02 j 18:39	5°♓15'35		
max. Earth dist.	-4721 Apr 02 j 17:19	5°♓08'15	1.32633 AU	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4721 Apr 09 j 16:29	20°♓07'17	
	-4721 Apr 14 j 14:26	0°♈	
	-4721 May 03 j 12:48	0°♉	
evening max el	-4721 May 09 j 05:20	6°♉12'42	26°32'33
desc. node	-4721 May 14 j 16:51	10°♉38'03	
retrograde	-4721 May 23 j 07:14	13°♉33'00	
evening set	-4721 May 29 j 17:36	11°♉46'59	
min. Earth dist.	-4721 Jun 02 j 18:34	9°♉05'14	0.59890 AU
inferior conj	-4721 Jun 06 j 03:35	6°♉22'19	-4°-13'-6
minimum elong	-4721 Jun 06 j 02:49	6°♉23'51	4°12'58
morning rise	-4721 Jun 13 j 15:35	1°♉44'09	
direct	-4721 Jun 16 j 03:03	1°♉21'29	
morning max el	-4721 Jun 23 j 13:47	4°♉57'10	18°16'51
asc. node	-4721 Jun 28 j 16:40	11°♉14'12	
	-4721 Jul 09 j 09:58	0°♊	
morning set	-4721 Jul 09 j 13:47	0°♊18'05	
superior conj	-4721 Jul 19 j 03:31	18°♊11'18	1°47'49
minimum elong	-4721 Jul 19 j 05:01	18°♊18'05	1°48'00
	-4721 Jul 25 j 19:47	0°♋	
max. Earth dist.	-4721 Jul 26 j 15:13	1°♋23'17	1.40744 AU
evening rise	-4721 Jul 31 j 14:49	9°♋43'33	
desc. node	-4721 Aug 10 j 15:41	25°♋33'24	
	-4721 Aug 13 j 14:41	0°♌	
greatest brilliancy	-4721 Aug 29 j 12:06	21°♌49'31	-0.3m
evening max el	-4721 Sep 03 j 18:34	27°♌44'08	23°03'54
	-4721 Sep 06 j 04:42	0°♍	
retrograde	-4721 Sep 13 j 21:30	3°♍44'08	
evening set	-4721 Sep 18 j 17:02	1°♍45'29	
	-4721 Sep 20 j 12:02	30°℞♌	
inferior conj	-4721 Sep 24 j 01:07	25°♌25'42	0°-12'-30
minimum elong	-4721 Sep 24 j 01:24	25°♌24'42	0°12'15
transit middle	-4721 Sep 24 j 01:24	25°♌24'42	0°12'15
transit begin	-4721 Sep 23 j 23:37	25°♌30'53	
transit end	-4721 Sep 24 j 03:12	25°♌18'32	
min. Earth dist.	-4721 Sep 23 j 20:00	25°♌43'20	0.67391 AU
asc. node	-4721 Sep 24 j 15:48	24°♌35'15	
morning rise	-4721 Sep 29 j 09:45	19°♌10'46	
direct	-4721 Oct 03 j 15:37	17°♌31'29	
morning max el	-4721 Oct 12 j 14:41	22°♌50'41	21°42'07
greatest brilliancy	-4721 Oct 17 j 15:31	28°♌37'30	-0.4m
	-4721 Oct 18 j 17:32	0°♍	
desc. node	-4721 Nov 06 j 15:39	27°♍10'46	
	-4721 Nov 08 j 11:38	0°♎	
morning set	-4721 Nov 13 j 06:25	7°♎29'34	
max. Earth dist.	-4721 Nov 20 j 04:20	18°♎41'37	1.41786 AU
	-4721 Nov 26 j 20:39	0°♏	
superior conj	-4721 Nov 27 j 16:48	1°♏27'29	-1°-46'-56
minimum elong	-4721 Nov 27 j 13:23	1°♏12'35	1°46'53
evening rise	-4721 Dec 08 j 13:24	20°♏58'34	
	-4721 Dec 13 j 12:22	0°♐	
asc. node	-4721 Dec 21 j 14:33	13°♐06'18	
evening max el	-4721 Dec 24 j 23:25	17°♐04'52	18°10'23
retrograde	-4721 Dec 31 j 20:30	20°♐34'47	
evening set	-4720 Jan 03 j 10:35	20°♐05'41	
inferior conj	-4720 Jan 10 j 07:54	15°♐11'04	4°05'09
minimum elong	-4720 Jan 10 j 07:31	15°♐11'58	4°04'55
min. Earth dist.	-4720 Jan 13 j 11:59	12°♐17'02	0.60795 AU
morning rise	-4720 Jan 17 j 01:48	9°♐31'04	
direct	-4720 Jan 23 j 22:59	7°♐15'59	
desc. node	-4720 Feb 02 j 15:25	11°♐06'53	
morning max el	-4720 Feb 07 j 01:28	14°♐55'27	27°27'03
	-4720 Feb 19 j 07:49	0°♑	
	-4720 Mar 07 j 16:06	0°♒	
morning set	-4720 Mar 09 j 21:11	4°♒29'38	
max. Earth dist.	-4720 Mar 16 j 06:16	18°♒04'55	1.32650 AU
superior conj	-4720 Mar 17 j 02:31	19°♒55'22	0°-15'-16
minimum elong	-4720 Mar 17 j 03:13	19°♒59'07	0°15'17
behind sun begin	-4720 Mar 17 j 01:57	19°♒52'15	
behind sun end	-4720 Mar 17 j 04:28	20°♒05'58	
asc. node	-4720 Mar 18 j 13:53	23°♒08'29	
	-4720 Mar 21 j 17:40	0°♓	
evening rise	-4720 Mar 24 j 02:54	5°♓04'38	
	-4720 Apr 06 j 11:32	0°♈	
evening max el	-4720 Apr 20 j 01:21	17°♈29'40	25°21'32
desc. node	-4720 Apr 30 j 14:01	24°♈10'58	
retrograde	-4720 May 04 j 03:15	24°♈40'39	
evening set	-4720 May 09 j 12:06	23°♈33'07	
min. Earth dist.	-4720 May 14 j 13:53	20°♈43'24	0.57906 AU
inferior conj	-4720 May 17 j 17:47	18°♈31'18	-3°-49'-7
minimum elong	-4720 May 17 j 13:42	18°♈38'29	3°48'28
morning rise	-4720 May 25 j 19:24	14°♈13'54	
direct	-4720 May 28 j 06:09	13°♈55'28	
morning max el	-4720 Jun 05 j 18:32	17°♈55'21	18°54'58
asc. node	-4720 Jun 14 j 13:40	29°♈48'31	
	-4720 Jun 14 j 16:23	0°♉	
morning set	-4720 Jun 22 j 07:59	14°♉15'41	
	-4720 Jun 30 j 09:19	0°♊	
superior conj	-4720 Jun 30 j 23:18	1°♊06'53	1°48'30
minimum elong	-4720 Jun 30 j 22:28	1°♊02'51	1°48'42
max. Earth dist.	-4720 Jul 07 j 16:56	13°♊35'37	1.38807 AU
evening rise	-4720 Jul 11 j 17:18	20°♊39'12	
	-4720 Jul 17 j 07:08	0°♋	
desc. node	-4720 Jul 27 j 12:41	15°♋52'51	
	-4720 Aug 06 j 15:57	0°♌	
evening max el	-4720 Aug 16 j 06:08	11°♌11'37	24°24'32
retrograde	-4720 Aug 27 j 11:32	17°♌46'36	
evening set	-4720 Sep 01 j 22:07	15°♌28'22	
min. Earth dist.	-4720 Sep 06 j 15:23	10°♌00'52	0.67207 AU
inferior conj	-4720 Sep 07 j 06:57	9°♌08'28	-1°-5'-29
minimum elong	-4720 Sep 07 j 08:27	9°♌03'24	1°04'41
asc. node	-4720 Sep 10 j 12:55	5°♌03'35	
morning rise	-4720 Sep 12 j 19:02	2°♌59'44	
direct	-4720 Sep 16 j 12:33	1°♌39'51	
morning max el	-4720 Sep 24 j 11:33	6°♌19'09	20°27'11
greatest brilliancy	-4720 Oct 01 j 00:06	14°♌12'08	-0.5m
	-4720 Oct 11 j 23:03	0°♍	
morning set	-4720 Oct 22 j 06:39	15°♍45'32	
desc. node	-4720 Oct 23 j 12:32	17°♍41'40	
	-4720 Oct 31 j 07:42	0°♎	
max. Earth dist.	-4720 Nov 01 j 12:42	1°♎56'25	1.43409 AU
superior conj	-4720 Nov 07 j 11:44	11°♎39'41	-1°-25'-25
minimum elong	-4720 Nov 07 j 05:19	11°♎13'11	1°24'52
	-4720 Nov 18 j 06:46	0°♏	
evening rise	-4720 Nov 20 j 02:00	3°♏08'20	
asc. node	-4720 Dec 07 j 11:39	0°♐17'43	
	-4720 Dec 07 j 04:44	0°♐	
evening max el	-4720 Dec 07 j 11:35	0°♐17'35	18°10'10
retrograde	-4720 Dec 14 j 01:19	3°♐46'59	
evening set	-4720 Dec 16 j 18:24	3°♐10'15	
	-4720 Dec 21 j 02:48	30°℞♏	
inferior conj	-4720 Dec 23 j 04:42	27°♏54'11	3°52'58
minimum elong	-4720 Dec 23 j 02:23	28°♏00'16	3°52'28
min. Earth dist.	-4720 Dec 25 j 20:24	25°♏08'38	0.62688 AU
morning rise	-4720 Dec 29 j 08:31	22°♏00'55	
direct	-4719 Jan 05 j 10:23	19°♏21'06	
morning max el	-4719 Jan 19 j 06:41	27°♏03'20	27°41'40
desc. node	-4719 Jan 19 j 12:28	27°♏17'38	
	-4719 Jan 22 j 02:20	0°♐	
	-4719 Feb 11 j 21:47	0°♑	
morning set	-4719 Feb 21 j 23:43	18°♑58'07	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4719 Feb 27 j 06:57	0°♒	
max. Earth dist.	-4719 Feb 27 j 15:23	0°♒45'04	1.33026 AU
superior conj	-4719 Mar 01 j 12:13	4°♒46'01	0°-39'-55
minimum elong	-4719 Mar 01 j 13:57	4°♒55'26	0°39'47
asc. node	-4719 Mar 05 j 10:52	13°♒18'10	
evening rise	-4719 Mar 08 j 14:30	20°♒01'44	
	-4719 Mar 13 j 12:27	0°♓	
evening max el	-4719 Apr 01 j 17:38	28°♓18'33	23°52'04
	-4719 Apr 03 j 14:46	0°♈	
retrograde	-4719 Apr 15 j 10:49	5°♈08'52	
desc. node	-4719 Apr 17 j 11:12	4°♈59'45	
evening set	-4719 Apr 19 j 12:23	4°♈32'23	
min. Earth dist.	-4719 Apr 26 j 05:18	1°♈21'58	0.56279 AU
inferior conj	-4719 Apr 28 j 11:53	29°♓58'35	-2°-47'-35
minimum elong	-4719 Apr 28 j 06:11	0°♈07'20	2°46'07
	-4719 Apr 28 j 10:58	30°℞♓	
morning rise	-4719 May 07 j 03:42	25°♓57'01	
direct	-4719 May 09 j 14:39	25°♓41'26	
	-4719 May 19 j 05:36	0°♈	
morning max el	-4719 May 19 j 14:23	0°♈20'05	19°53'31
asc. node	-4719 Jun 01 j 10:39	18°♈56'40	
morning set	-4719 Jun 06 j 10:08	28°♈40'13	
	-4719 Jun 07 j 01:57	0°♉	
superior conj	-4719 Jun 14 j 09:42	14°♉48'44	1°40'43
minimum elong	-4719 Jun 14 j 07:29	14°♉37'41	1°40'43
max. Earth dist.	-4719 Jun 19 j 20:26	25°♉24'27	1.36956 AU
	-4719 Jun 22 j 07:25	0°♊	
evening rise	-4719 Jun 23 j 20:11	2°♊47'56	
	-4719 Jul 10 j 08:21	0°♋	
desc. node	-4719 Jul 14 j 09:44	5°♋53'53	
evening max el	-4719 Jul 29 j 16:42	24°♋41'33	25°38'44
	-4719 Aug 05 j 08:05	0°♌	
retrograde	-4719 Aug 10 j 21:09	1°♌43'06	
	-4719 Aug 15 j 20:27	30°℞♋	
evening set	-4719 Aug 16 j 22:52	29°♋07'57	
min. Earth dist.	-4719 Aug 21 j 07:15	24°♋18'01	0.66704 AU
inferior conj	-4719 Aug 22 j 10:15	22°♋51'08	-1°-56'-39
minimum elong	-4719 Aug 22 j 12:51	22°♋42'45	1°55'28
morning rise	-4719 Aug 28 j 03:25	16°♋51'55	
asc. node	-4719 Aug 28 j 10:01	16°♋41'49	
direct	-4719 Aug 31 j 10:42	15°♋48'42	
morning max el	-4719 Sep 07 j 15:36	19°♋56'00	19°25'12
	-4719 Sep 15 j 13:10	0°♌	
greatest brilliancy	-4719 Sep 17 j 07:19	2°♌33'56	-0.7m
morning set	-4719 Oct 01 j 10:01	24°♌16'53	
	-4719 Oct 05 j 01:50	0°♍	
desc. node	-4719 Oct 10 j 09:25	8°♍19'59	
max. Earth dist.	-4719 Oct 15 j 03:26	15°♍49'37	1.44456 AU
superior conj	-4719 Oct 18 j 03:30	20°♍35'51	0°-47'-38
minimum elong	-4719 Oct 17 j 21:55	20°♍13'38	0°46'55
	-4719 Oct 23 j 23:56	0°♎	
evening rise	-4719 Nov 01 j 17:52	14°♎21'38	
	-4719 Nov 11 j 05:09	0°♏	
evening max el	-4719 Nov 21 j 00:12	13°♏38'41	18°28'38
asc. node	-4719 Nov 24 j 08:46	16°♏21'31	
retrograde	-4719 Nov 27 j 14:56	17°♏18'13	
evening set	-4719 Nov 30 j 12:17	16°♏32'19	
inferior conj	-4719 Dec 06 j 13:49	10°♏57'16	3°24'55
minimum elong	-4719 Dec 06 j 10:39	11°♏06'25	3°24'04
min. Earth dist.	-4719 Dec 08 j 14:55	8°♏35'31	0.64298 AU
morning rise	-4719 Dec 12 j 07:42	4°♏53'42	
direct	-4719 Dec 19 j 04:46	2°♏04'10	
morning max el	-4718 Jan 01 j 15:36	9°♏44'26	27°21'12
desc. node	-4718 Jan 06 j 09:28	14°♏53'44	
	-4718 Jan 17 j 15:23	0°♐	
	-4718 Feb 04 j 05:28	0°♑	
morning set	-4718 Feb 05 j 18:10	2°♑58'06	
max. Earth dist.	-4718 Feb 10 j 16:51	12°♑56'45	1.33795 AU
superior conj	-4718 Feb 13 j 18:15	19°♑21'24	-1°-3'-21
minimum elong	-4718 Feb 13 j 20:51	19°♑35'09	1°03'10
	-4718 Feb 18 j 18:09	0°♒	
asc. node	-4718 Feb 20 j 07:53	3°♒19'40	
evening rise	-4718 Feb 21 j 01:31	4°♒52'12	
	-4718 Mar 06 j 22:25	0°♓	
evening max el	-4718 Mar 14 j 11:39	9°♓04'28	22°18'08
retrograde	-4718 Mar 27 j 06:36	15°♓17'33	
evening set	-4718 Mar 30 j 05:48	14°♓58'08	
desc. node	-4718 Apr 04 j 08:23	13°♓06'00	
min. Earth dist.	-4718 Apr 07 j 19:27	11°♓14'21	0.55331 AU
inferior conj	-4718 Apr 08 j 13:20	10°♓49'00	-1°-8'-49
minimum elong	-4718 Apr 08 j 10:14	10°♓53'24	1°07'54
morning rise	-4718 Apr 17 j 16:27	6°♓51'06	
direct	-4718 Apr 20 j 07:22	6°♓35'27	
morning max el	-4718 May 01 j 23:40	12°♓04'59	21°11'23
	-4718 May 14 j 20:33	0°♈	
asc. node	-4718 May 19 j 07:38	8°♈30'17	
morning set	-4718 May 21 j 17:42	13°♈24'37	
superior conj	-4718 May 29 j 06:30	29°♈04'43	1°26'47
minimum elong	-4718 May 29 j 03:47	28°♈50'43	1°26'33
	-4718 May 29 j 17:14	0°♉	
max. Earth dist.	-4718 Jun 02 j 07:11	7°♉15'36	1.35373 AU
evening rise	-4718 Jun 06 j 18:19	15°♉56'22	
	-4718 Jun 14 j 13:34	0°♊	
desc. node	-4718 Jul 01 j 06:50	25°♊28'38	
	-4718 Jul 04 j 19:26	0°♋	
evening max el	-4718 Jul 12 j 03:42	8°♋10'24	26°38'21
retrograde	-4718 Jul 25 j 02:02	15°♋28'20	
evening set	-4718 Jul 31 j 17:07	12°♋42'32	
min. Earth dist.	-4718 Aug 04 j 17:22	8°♋31'34	0.65845 AU
inferior conj	-4718 Aug 06 j 09:08	6°♋31'44	-2°-44'-3
minimum elong	-4718 Aug 06 j 12:31	6°♋21'30	2°42'45
morning rise	-4718 Aug 12 j 08:56	0°♋45'11	
	-4718 Aug 14 j 10:38	30°℞♊	
direct	-4718 Aug 15 j 08:15	29°♊55'26	
asc. node	-4718 Aug 15 j 07:07	29°♊55'27	
	-4718 Aug 16 j 06:02	0°♋	
morning max el	-4718 Aug 22 j 01:37	3°♋39'41	18°38'36
	-4718 Sep 09 j 01:12	0°♌	
morning set	-4718 Sep 11 j 11:26	3°♌54'40	
superior conj	-4718 Sep 27 j 03:27	28°♌51'29	0°00'46
minimum elong	-4718 Sep 27 j 03:33	28°♌51'54	0°00'54
behind sun begin	-4718 Sep 26 j 16:10	28°♌07'01	
behind sun end	-4718 Sep 27 j 14:56	29°♌36'46	
desc. node	-4718 Sep 27 j 06:20	29°♌02'52	
	-4718 Sep 27 j 20:49	0°♍	
max. Earth dist.	-4718 Sep 27 j 21:05	0°♍01'01	1.44804 AU
evening rise	-4718 Oct 13 j 09:07	24°♍30'52	
	-4718 Oct 16 j 19:53	0°♎	
evening max el	-4718 Nov 04 j 10:42	27°♎03'57	19°04'38
	-4718 Nov 07 j 23:55	0°♏	
retrograde	-4718 Nov 11 j 09:41	1°♏02'30	
asc. node	-4718 Nov 11 j 05:55	1°♏02'22	
evening set	-4718 Nov 14 j 13:11	0°♏05'17	
	-4718 Nov 14 j 16:37	30°℞♎	
inferior conj	-4718 Nov 20 j 07:54	24°♎14'28	2°46'19
minimum elong	-4718 Nov 20 j 04:46	24°♎24'18	2°45'18
min. Earth dist.	-4718 Nov 21 j 18:58	22°♎24'47	0.65563 AU
morning rise	-4718 Nov 25 j 19:24	18°♎03'17	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4718 Dec 02 j 05:39	15°♎17'26	
morning max el	-4718 Dec 15 j 01:27	22°♎46'30	26°30'54
	-4718 Dec 21 j 12:08	0°♏	
desc. node	-4718 Dec 24 j 06:26	3°♏30'07	
	-4717 Jan 10 j 21:46	0°♐	
morning set	-4717 Jan 20 j 00:48	16°♐17'42	
max. Earth dist.	-4717 Jan 24 j 07:13	24°♐32'38	1.35002 AU
	-4717 Jan 27 j 00:31	0°♑	
superior conj	-4717 Jan 28 j 18:25	3°♑34'10	-1°-24'-20
minimum elong	-4717 Jan 28 j 21:27	3°♑49'44	1°24'13
evening rise	-4717 Feb 05 j 10:10	19°♑29'28	
asc. node	-4717 Feb 07 j 04:55	23°♑07'49	
	-4717 Feb 10 j 16:54	0°♒	
evening max el	-4717 Feb 24 j 13:17	20°♒12'19	20°52'08
retrograde	-4717 Mar 07 j 20:30	25°♒34'59	
evening set	-4717 Mar 10 j 06:33	25°♒21'08	
inferior conj	-4717 Mar 19 j 08:52	21°♒23'10	0°47'03
minimum elong	-4717 Mar 19 j 10:58	21°♒20'09	0°46'10
min. Earth dist.	-4717 Mar 20 j 09:46	20°♒47'26	0.55286 AU
desc. node	-4717 Mar 22 j 05:34	19°♒46'11	
morning rise	-4717 Mar 28 j 14:05	17°♒10'33	
direct	-4717 Mar 31 j 19:31	16°♒47'51	
morning max el	-4717 Apr 13 j 22:37	23°♒10'00	22°44'14
	-4717 Apr 19 j 23:15	0°♓	
morning set	-4717 May 06 j 04:29	28°♓21'03	
asc. node	-4717 May 06 j 04:37	28°♓21'43	
	-4717 May 06 j 23:24	0°♈	
superior conj	-4717 May 13 j 10:20	13°♈43'24	1°08'27
minimum elong	-4717 May 13 j 07:46	13°♈29'52	1°08'04
max. Earth dist.	-4717 May 16 j 03:42	19°♈26'55	1.34147 AU
evening rise	-4717 May 21 j 06:27	29°♈48'25	
	-4717 May 21 j 08:48	0°♉	
	-4717 Jun 07 j 15:15	0°♊	
desc. node	-4717 Jun 18 j 04:00	14°♊24'51	
evening max el	-4717 Jun 24 j 14:51	21°♊28'43	27°15'50
retrograde	-4717 Jul 08 j 01:42	28°♊53'34	
evening set	-4717 Jul 15 j 02:05	26°♊07'28	
min. Earth dist.	-4717 Jul 18 j 19:39	22°♊33'45	0.64598 AU
inferior conj	-4717 Jul 21 j 01:16	20°♊05'34	-3°-25'-17
minimum elong	-4717 Jul 21 j 04:53	19°♊55'33	3°24'12
morning rise	-4717 Jul 27 j 09:13	14°♊34'44	
direct	-4717 Jul 30 j 02:50	13°♊55'20	
asc. node	-4717 Aug 02 j 04:12	14°♊44'02	
morning max el	-4717 Aug 05 j 15:18	17°♊25'09	18°08'53
	-4717 Aug 14 j 18:22	0°♋	
morning set	-4717 Aug 23 j 16:07	14°♋50'50	
	-4717 Sep 01 j 18:49	0°♌	
superior conj	-4717 Sep 06 j 09:53	7°♌30'25	0°47'33
minimum elong	-4717 Sep 06 j 15:03	7°♌51'12	0°47'07
max. Earth dist.	-4717 Sep 10 j 14:18	14°♌11'29	1.44425 AU
desc. node	-4717 Sep 14 j 03:15	19°♌47'02	
	-4717 Sep 20 j 16:08	0°♍	
evening rise	-4717 Sep 23 j 00:43	3°♍39'36	
	-4717 Oct 10 j 10:20	0°♎	
greatest brilliancy	-4717 Oct 11 j 05:35	1°♎08'08	-0.6m
evening max el	-4717 Oct 18 j 16:57	10°♎30'43	19°56'34
retrograde	-4717 Oct 26 j 06:36	14°♎56'05	
asc. node	-4717 Oct 29 j 03:03	14°♎08'46	
evening set	-4717 Oct 29 j 18:32	13°♎44'49	
inferior conj	-4717 Nov 04 j 08:13	7°♎41'38	2°00'44
minimum elong	-4717 Nov 04 j 05:40	7°♎50'03	1°59'48
min. Earth dist.	-4717 Nov 05 j 06:40	6°♎27'22	0.66484 AU
morning rise	-4717 Nov 09 j 16:09	1°♎25'40	
	-4717 Nov 11 j 14:42	30°℞♍	
direct	-4717 Nov 15 j 12:18	28°♍53'21	
	-4717 Nov 19 j 18:46	0°♎	
morning max el	-4717 Nov 27 j 10:27	5°♎57'42	25°19'08
desc. node	-4717 Dec 11 j 03:23	22°♎49'06	
	-4717 Dec 16 j 02:47	0°♏	
morning set	-4716 Jan 02 j 14:43	28°♏42'26	
	-4716 Jan 03 j 07:53	0°♐	
max. Earth dist.	-4716 Jan 06 j 10:02	5°♐41'54	1.36646 AU
superior conj	-4716 Jan 12 j 09:53	17°♐16'02	-1°-41'-9
minimum elong	-4716 Jan 12 j 12:36	17°♐29'33	1°41'11
	-4716 Jan 18 j 17:30	0°♑	
evening rise	-4716 Jan 20 j 14:25	3°♑47'22	
asc. node	-4716 Jan 25 j 01:59	12°♑37'02	
	-4716 Feb 05 j 04:58	0°♒	
evening max el	-4716 Feb 07 j 01:21	1°♒55'03	19°41'45
retrograde	-4716 Feb 16 j 16:08	6°♒28'16	
evening set	-4716 Feb 19 j 00:25	6°♒13'15	
inferior conj	-4716 Feb 27 j 12:33	2°♒09'50	2°27'53
minimum elong	-4716 Feb 27 j 17:36	2°♒01'49	2°26'17
min. Earth dist.	-4716 Mar 01 j 00:22	0°♒35'36	0.56152 AU
	-4716 Mar 01 j 23:56	30°℞♑	
morning rise	-4716 Mar 07 j 07:24	27°♑29'51	
desc. node	-4716 Mar 08 j 02:42	27°♑15'48	
direct	-4716 Mar 11 j 15:46	26°♑47'25	
	-4716 Mar 20 j 22:33	0°♒	
morning max el	-4716 Mar 25 j 14:40	3°♒49'04	24°23'00
	-4716 Apr 12 j 23:06	0°♓	
morning set	-4716 Apr 19 j 16:41	13°♓23'30	
asc. node	-4716 Apr 22 j 01:36	18°♓25'33	
superior conj	-4716 Apr 26 j 18:43	28°♓36'36	0°47'03
minimum elong	-4716 Apr 26 j 16:46	28°♓26'08	0°46'40
	-4716 Apr 27 j 10:10	0°♈	
max. Earth dist.	-4716 Apr 28 j 09:13	2°♈03'51	1.33293 AU
evening rise	-4716 May 04 j 04:26	14°♈11'20	
	-4716 May 12 j 11:37	0°♉	
	-4716 Jun 01 j 19:46	0°♊	
desc. node	-4716 Jun 04 j 01:09	2°♊26'00	
evening max el	-4716 Jun 06 j 00:30	4°♊24'50	27°24'38
retrograde	-4716 Jun 19 j 19:20	11°♊49'39	
evening set	-4716 Jun 26 j 22:17	9°♊16'38	
min. Earth dist.	-4716 Jun 30 j 12:32	6°♊13'35	0.62978 AU
inferior conj	-4716 Jul 03 j 07:52	3°♊26'37	-3°-56'-50
minimum elong	-4716 Jul 03 j 10:47	3°♊19'22	3°56'14
	-4716 Jul 07 j 02:39	30°℞♉	
morning rise	-4716 Jul 10 j 01:27	28°♉14'24	
direct	-4716 Jul 12 j 15:33	27°♉42'46	
	-4716 Jul 18 j 00:39	0°♊	
asc. node	-4716 Jul 19 j 01:16	0°♊55'07	
morning max el	-4716 Jul 19 j 06:03	1°♊06'46	17°57'03
morning set	-4716 Aug 04 j 20:34	26°♊54'52	
	-4716 Aug 06 j 14:33	0°♋	
superior conj	-4716 Aug 16 j 16:01	17°♋20'07	1°22'26
minimum elong	-4716 Aug 16 j 21:37	17°♋43'34	1°22'07
max. Earth dist.	-4716 Aug 23 j 04:37	28°♋04'45	1.43380 AU
	-4716 Aug 24 j 09:12	0°♌	
desc. node	-4716 Aug 31 j 00:13	10°♌29'20	
evening rise	-4716 Sep 01 j 04:21	12°♌18'48	
	-4716 Sep 12 j 19:52	0°♍	
greatest brilliancy	-4716 Sep 25 j 04:34	17°♍26'45	-0.5m
evening max el	-4716 Sep 30 j 17:23	23°♍56'50	21°02'05
retrograde	-4716 Oct 09 j 03:30	28°♍55'38	
evening set	-4716 Oct 13 j 02:10	27°♍27'29	
asc. node	-4716 Oct 15 j 00:12	25°♍41'32	
inferior conj	-4716 Oct 18 j 12:26	21°♍15'14	1°10'41

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4716 Oct 18 j 10:51	21°♍20'38	1°10'06
min. Earth dist.	-4716 Oct 18 j 23:35	20°♍37'08	0.67081 AU
morning rise	-4716 Oct 23 j 19:08	14°♍57'26	
direct	-4716 Oct 29 j 00:01	12°♍44'34	
morning max el	-4716 Nov 08 j 19:14	19°♍11'35	23°55'31
	-4716 Nov 17 j 22:40	0°♎	
desc. node	-4716 Nov 27 j 00:17	12°♎37'47	
	-4716 Dec 08 j 06:44	0°♏	
morning set	-4716 Dec 14 j 05:45	9°♏54'55	
max. Earth dist.	-4716 Dec 18 j 06:18	16°♏55'19	1.38622 AU
	-4716 Dec 25 j 09:28	0°♐	
superior conj	-4716 Dec 25 j 12:47	0°♐15'41	-1°-51'-30
minimum elong	-4716 Dec 25 j 14:07	0°♐22'00	1°51'40
evening rise	-4715 Jan 03 j 11:50	17°♐38'43	
	-4715 Jan 10 j 00:22	0°♑	
asc. node	-4715 Jan 10 j 23:02	1°♑39'53	
evening max el	-4715 Jan 19 j 23:16	14°♑11'27	18°50'26
retrograde	-4715 Jan 28 j 03:57	18°♑08'12	
evening set	-4715 Jan 30 j 14:23	17°♑48'43	
inferior conj	-4715 Feb 07 j 10:00	13°♑28'05	3°33'22
minimum elong	-4715 Feb 07 j 14:02	13°♑20'41	3°32'27
min. Earth dist.	-4715 Feb 10 j 16:03	11°♑06'36	0.57716 AU
morning rise	-4715 Feb 15 j 10:02	8°♑20'03	
direct	-4715 Feb 21 j 00:24	7°♑04'18	
desc. node	-4715 Feb 22 j 23:48	7°♑13'46	
morning max el	-4715 Mar 07 j 05:51	14°♑27'59	25°54'05
	-4715 Mar 19 j 14:44	0°♒	
morning set	-4715 Apr 04 j 04:37	28°♒25'42	
	-4715 Apr 04 j 22:32	0°♓	
asc. node	-4715 Apr 08 j 22:35	8°♓36'46	
superior conj	-4715 Apr 11 j 05:38	13°♓37'12	0°23'38
minimum elong	-4715 Apr 11 j 04:36	13°♓31'37	0°23'21
max. Earth dist.	-4715 Apr 11 j 20:41	14°♓59'20	1.32779 AU
evening rise	-4715 Apr 18 j 09:06	28°♓54'24	
	-4715 Apr 18 j 21:51	0°♈	
	-4715 May 05 j 18:11	0°♉	
evening max el	-4715 May 19 j 06:04	16°♉46'33	27°00'57
desc. node	-4715 May 21 j 22:18	19°♉09'11	
retrograde	-4715 Jun 02 j 05:44	24°♉08'24	
evening set	-4715 Jun 09 j 01:42	22°♉02'07	
min. Earth dist.	-4715 Jun 12 j 19:34	19°♉17'27	0.61065 AU
inferior conj	-4715 Jun 16 j 01:38	16°♉27'22	-4°-13'-23
minimum elong	-4715 Jun 16 j 02:35	16°♉25'17	4°13'13
morning rise	-4715 Jun 23 j 06:26	11°♉36'18	
direct	-4715 Jun 25 j 18:41	11°♉10'35	
morning max el	-4715 Jul 02 j 19:10	14°♉38'25	18°04'01
asc. node	-4715 Jul 05 j 22:18	18°♉13'18	
	-4715 Jul 13 j 09:08	0°♊	
morning set	-4715 Jul 18 j 19:19	9°♊52'39	
superior conj	-4715 Jul 29 j 01:43	28°♊32'13	1°42'26
minimum elong	-4715 Jul 29 j 04:51	28°♊46'04	1°42'30
	-4715 Jul 29 j 21:41	0°♋	
max. Earth dist.	-4715 Aug 05 j 13:55	11°♋25'19	1.41808 AU
evening rise	-4715 Aug 11 j 16:17	21°♋22'52	
	-4715 Aug 17 j 03:57	0°♌	
desc. node	-4715 Aug 17 j 21:13	1°♌06'28	
	-4715 Sep 07 j 02:46	0°♍	
greatest brilliancy	-4715 Sep 08 j 18:11	2°♍02'44	-0.3m
evening max el	-4715 Sep 13 j 11:35	7°♍22'11	22°17'41
retrograde	-4715 Sep 22 j 22:41	12°♍59'15	
evening set	-4715 Sep 27 j 10:14	11°♍11'53	
asc. node	-4715 Oct 01 j 21:20	6°♍07'15	
inferior conj	-4715 Oct 02 j 18:40	4°♍53'53	0°18'12
minimum elong	-4715 Oct 02 j 18:14	4°♍55'21	0°18'07
min. Earth dist.	-4715 Oct 02 j 19:20	4°♍51'33	0.67370 AU
	-4715 Oct 06 j 15:06	30°℞♌	
morning rise	-4715 Oct 08 j 02:06	28°♌37'14	
direct	-4715 Oct 12 j 15:59	26°♌45'55	
	-4715 Oct 19 j 14:19	0°♍	
morning max el	-4715 Oct 22 j 06:37	2°♍29'26	22°29'31
greatest brilliancy	-4715 Oct 26 j 23:46	7°♍48'36	-0.3m
	-4715 Nov 12 j 00:29	0°♎	
desc. node	-4715 Nov 13 j 21:13	2°♎47'55	
morning set	-4715 Nov 24 j 16:53	19°♎44'55	
max. Earth dist.	-4715 Nov 30 j 04:08	28°♎48'59	1.40686 AU
	-4715 Nov 30 j 20:53	0°♏	
superior conj	-4715 Dec 07 j 22:18	12°♏20'52	-1°-52'-15
minimum elong	-4715 Dec 07 j 20:55	12°♏14'37	1°52'23
	-4715 Dec 17 j 11:21	0°♐	
evening rise	-4715 Dec 17 j 23:32	0°♐57'21	
asc. node	-4715 Dec 28 j 20:06	20°♐08'14	
evening max el	-4714 Jan 03 j 04:51	26°♐55'34	18°19'10
	-4714 Jan 07 j 16:21	0°♑	
retrograde	-4714 Jan 10 j 10:27	0°♑31'29	
evening set	-4714 Jan 12 j 23:08	0°♑06'11	
	-4714 Jan 13 j 06:18	30°℞♐	
inferior conj	-4714 Jan 20 j 03:49	25°♐23'51	4°02'10
minimum elong	-4714 Jan 20 j 05:00	25°♐21'21	4°01'51
min. Earth dist.	-4714 Jan 23 j 11:50	22°♐35'03	0.59647 AU
morning rise	-4714 Jan 27 j 07:48	19°♐53'30	
direct	-4714 Feb 02 j 20:52	17°♐58'57	
desc. node	-4714 Feb 09 j 20:52	19°♐59'55	
morning max el	-4714 Feb 17 j 01:44	25°♐34'05	27°02'29
	-4714 Feb 21 j 05:14	0°♑	
	-4714 Mar 12 j 20:33	0°♒	
morning set	-4714 Mar 19 j 14:30	13°♒20'52	
superior conj	-4714 Mar 26 j 17:22	28°♒38'44	0°00'-56
minimum elong	-4714 Mar 26 j 17:24	28°♒38'59	0°01'04
behind sun begin	-4714 Mar 26 j 12:25	28°♒11'41	
behind sun end	-4714 Mar 26 j 22:24	29°♒06'18	
max. Earth dist.	-4714 Mar 26 j 10:16	27°♒59'57	1.32597 AU
asc. node	-4714 Mar 26 j 19:33	28°♒50'44	
	-4714 Mar 27 j 08:12	0°♓	
evening rise	-4714 Apr 02 j 18:00	13°♓48'33	
	-4714 Apr 11 j 00:08	0°♈	
evening max el	-4714 May 01 j 05:22	28°♈25'40	26°05'24
	-4714 May 02 j 22:46	0°♉	
desc. node	-4714 May 08 j 19:28	4°♉02'23	
retrograde	-4714 May 15 j 07:32	5°♉42'46	
evening set	-4714 May 21 j 08:36	4°♉12'58	
min. Earth dist.	-4714 May 25 j 18:01	1°♉30'05	0.59024 AU
	-4714 May 27 j 18:10	30°℞♈	
inferior conj	-4714 May 29 j 02:48	28°♈57'35	-4°-7'-3
minimum elong	-4714 May 29 j 00:36	29°♈01'46	4°06'47
morning rise	-4714 Jun 05 j 20:26	24°♈28'47	
direct	-4714 Jun 08 j 07:44	24°♈07'56	
morning max el	-4714 Jun 16 j 03:50	27°♈51'42	18°30'38
	-4714 Jun 18 j 04:23	0°♉	
asc. node	-4714 Jun 22 j 19:19	6°♉23'28	
morning set	-4714 Jul 02 j 07:32	23°♉31'14	
	-4714 Jul 05 j 16:21	0°♊	
superior conj	-4714 Jul 11 j 10:46	10°♊55'01	1°49'20
minimum elong	-4714 Jul 11 j 11:09	10°♊56'51	1°49'33
max. Earth dist.	-4714 Jul 18 j 17:32	24°♊01'26	1.39925 AU
	-4714 Jul 22 j 05:11	0°♋	
evening rise	-4714 Jul 23 j 03:21	1°♋33'07	
desc. node	-4714 Aug 04 j 18:14	21°♋33'51	
	-4714 Aug 10 j 12:30	0°♌	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4714 Aug 27 j 00:42	20°♌47'31	23°38'21
retrograde	-4714 Sep 06 j 14:59	27°♌03'13	
evening set	-4714 Sep 11 j 16:56	24°♌55'48	
min. Earth dist.	-4714 Sep 16 j 15:31	19°♌08'13	0.67356 AU
inferior conj	-4714 Sep 17 j 01:07	18°♌35'26	0°-35'-6
minimum elong	-4714 Sep 17 j 01:56	18°♌32'39	0°34'37
asc. node	-4714 Sep 18 j 18:27	16°♌16'54	
morning rise	-4714 Sep 22 j 11:03	12°♌22'58	
direct	-4714 Sep 26 j 11:21	10°♌52'27	
morning max el	-4714 Oct 04 j 23:36	15°♌53'46	21°08'51
greatest brilliancy	-4714 Oct 10 j 12:22	22°♌21'51	-0.5m
	-4714 Oct 16 j 03:34	0°♍	
desc. node	-4714 Oct 31 j 18:07	23°♍12'44	
morning set	-4714 Nov 04 j 01:57	28°♍23'01	
	-4714 Nov 05 j 02:39	0°♎	
max. Earth dist.	-4714 Nov 12 j 08:17	11°♎35'21	1.42537 AU
superior conj	-4714 Nov 19 j 08:42	23°♎17'15	-1°-39'-48
minimum elong	-4714 Nov 19 j 03:47	22°♎56'20	1°39'34
	-4714 Nov 23 j 06:11	0°♏	
evening rise	-4714 Nov 30 j 21:52	13°♏35'14	
	-4714 Dec 10 j 06:55	0°♐	
asc. node	-4714 Dec 15 j 17:10	7°♐51'40	
evening max el	-4714 Dec 17 j 15:24	10°♐00'07	18°07'53
retrograde	-4714 Dec 24 j 08:27	13°♐28'50	
evening set	-4714 Dec 26 j 23:33	12°♐56'45	
inferior conj	-4713 Jan 02 j 15:53	7°♐52'41	4°02'21
minimum elong	-4713 Jan 02 j 14:32	7°♐55'59	4°02'02
min. Earth dist.	-4713 Jan 05 j 15:12	4°♐59'46	0.61621 AU
morning rise	-4713 Jan 09 j 03:12	2°♐06'14	
	-4713 Jan 13 j 11:29	30°℞♏	
direct	-4713 Jan 16 j 03:29	29°♏38'57	
	-4713 Jan 18 j 21:26	0°♐	
desc. node	-4713 Jan 27 j 17:56	5°♐07'05	
morning max el	-4713 Jan 30 j 04:06	7°♐20'43	27°37'50
	-4713 Feb 16 j 11:15	0°♑	
morning set	-4713 Mar 03 j 20:25	28°♑02'11	
	-4713 Mar 04 j 19:19	0°♒	
max. Earth dist.	-4713 Mar 09 j 22:09	10°♒52'01	1.32758 AU
superior conj	-4713 Mar 11 j 04:18	13°♒35'40	0°-25'-48
minimum elong	-4713 Mar 11 j 05:27	13°♒41'55	0°25'45
asc. node	-4713 Mar 13 j 16:31	19°♒03'30	
evening rise	-4713 Mar 18 j 05:09	28°♒46'52	
	-4713 Mar 18 j 19:06	0°♓	
	-4713 Apr 04 j 21:04	0°♈	
evening max el	-4713 Apr 12 j 23:04	9°♈27'48	24°44'57
desc. node	-4713 Apr 25 j 16:36	16°♈29'05	
retrograde	-4713 Apr 26 j 22:53	16°♈32'47	
evening set	-4713 May 01 j 18:33	15°♈39'47	
min. Earth dist.	-4713 May 07 j 11:15	12°♈42'39	0.57144 AU
inferior conj	-4713 May 10 j 08:24	10°♈49'11	-3°-28'00
minimum elong	-4713 May 10 j 03:14	10°♈57'44	3°26'57
morning rise	-4713 May 18 j 16:09	6°♈39'54	
direct	-4713 May 21 j 02:40	6°♈23'00	
morning max el	-4713 May 30 j 05:12	10°♈37'32	19°17'29
asc. node	-4713 Jun 09 j 16:20	25°♈13'35	
	-4713 Jun 12 j 06:40	0°♉	
morning set	-4713 Jun 16 j 05:29	7°♉41'20	
superior conj	-4713 Jun 24 j 13:25	24°♉12'36	1°46'06
minimum elong	-4713 Jun 24 j 11:52	24°♉05'06	1°46'13
	-4713 Jun 27 j 13:46	0°♊	
max. Earth dist.	-4713 Jun 30 j 18:51	5°♊59'22	1.37993 AU
evening rise	-4713 Jul 04 j 16:46	13°♊01'28	
	-4713 Jul 14 j 20:56	0°♋	
desc. node	-4713 Jul 22 j 15:15	11°♋46'27	
	-4713 Aug 05 j 11:51	0°♌	
evening max el	-4713 Aug 09 j 11:24	4°♌15'41	24°57'16
retrograde	-4713 Aug 21 j 03:23	11°♌03'59	
evening set	-4713 Aug 26 j 20:27	8°♌37'55	
min. Earth dist.	-4713 Aug 31 j 09:46	3°♌26'00	0.67034 AU
inferior conj	-4713 Sep 01 j 06:06	2°♌18'39	-1°-27'-33
minimum elong	-4713 Sep 01 j 08:06	2°♌12'02	1°26'33
	-4713 Sep 03 j 00:59	30°℞♋	
asc. node	-4713 Sep 05 j 15:36	27°♋10'03	
morning rise	-4713 Sep 06 j 20:10	26°♋13'28	
direct	-4713 Sep 10 j 08:56	25°♋01'15	
morning max el	-4713 Sep 17 j 23:40	29°♋26'19	19°58'58
	-4713 Sep 18 j 12:34	0°♌	
greatest brilliancy	-4713 Sep 25 j 12:16	8°♌48'02	-0.6m
	-4713 Oct 09 j 17:37	0°♍	
morning set	-4713 Oct 14 j 00:30	6°♍37'07	
desc. node	-4713 Oct 18 j 15:00	13°♍47'19	
max. Earth dist.	-4713 Oct 25 j 19:08	25°♍06'49	1.43931 AU
	-4713 Oct 28 j 20:15	0°♎	
superior conj	-4713 Oct 30 j 15:38	2°♎55'31	-1°-11'-13
minimum elong	-4713 Oct 30 j 08:54	2°♎28'12	1°10'31
evening rise	-4713 Nov 13 j 02:14	25°♎22'11	
	-4713 Nov 15 j 19:10	0°♏	
evening max el	-4713 Dec 01 j 04:06	23°♏17'17	18°15'51
asc. node	-4713 Dec 02 j 14:17	24°♏36'29	
retrograde	-4713 Dec 07 j 17:27	26°♏49'56	
evening set	-4713 Dec 10 j 12:03	26°♏09'41	
inferior conj	-4713 Dec 16 j 18:24	20°♏45'29	3°42'37
minimum elong	-4713 Dec 16 j 15:36	20°♏53'10	3°41'58
min. Earth dist.	-4713 Dec 19 j 04:05	18°♏08'15	0.63410 AU
morning rise	-4713 Dec 22 j 17:29	14°♏47'21	
direct	-4713 Dec 29 j 18:17	12°♏01'13	
morning max el	-4712 Jan 12 j 11:15	19°♏44'22	27°36'58
desc. node	-4712 Jan 14 j 14:58	21°♏57'56	
	-4712 Jan 21 j 07:38	0°♐	
	-4712 Feb 09 j 09:04	0°♑	
morning set	-4712 Feb 15 j 19:53	12°♑20'00	
max. Earth dist.	-4712 Feb 21 j 04:14	23°♑20'25	1.33297 AU
superior conj	-4712 Feb 23 j 12:41	28°♑20'50	0°-50'-4
minimum elong	-4712 Feb 23 j 14:49	28°♑32'20	0°49'55
	-4712 Feb 24 j 07:09	0°♒	
asc. node	-4712 Feb 28 j 13:29	9°♒10'15	
evening rise	-4712 Mar 01 j 16:41	13°♒41'45	
	-4712 Mar 10 j 00:30	0°♓	
evening max el	-4712 Mar 24 j 15:19	20°♓12'04	23°11'53
retrograde	-4712 Apr 07 j 01:20	26°♓48'50	
evening set	-4712 Apr 10 j 14:03	26°♓21'34	
desc. node	-4712 Apr 11 j 13:47	26°♓04'39	
min. Earth dist.	-4712 Apr 18 j 02:15	22°♓58'28	0.55771 AU
inferior conj	-4712 Apr 19 j 18:33	21°♓59'16	-2°-9'-34
minimum elong	-4712 Apr 19 j 13:24	22°♓06'51	2°08'05
morning rise	-4712 Apr 28 j 15:48	18°♓00'51	
direct	-4712 May 01 j 03:24	17°♓45'51	
morning max el	-4712 May 11 j 20:41	22°♓45'46	20°24'28
	-4712 May 17 j 23:43	0°♈	
asc. node	-4712 May 26 j 13:19	14°♈33'17	
morning set	-4712 May 30 j 10:12	22°♈14'45	
	-4712 Jun 03 j 04:52	0°♉	
superior conj	-4712 Jun 07 j 04:41	8°♉10'03	1°35'26
minimum elong	-4712 Jun 07 j 02:09	7°♉57'17	1°35'20
max. Earth dist.	-4712 Jun 12 j 00:31	17°♉44'24	1.36240 AU
evening rise	-4712 Jun 16 j 04:32	25°♉37'38	
	-4712 Jun 18 j 14:11	0°♊	
	-4712 Jul 07 j 08:21	0°♋	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4712 Jul 08 j 12:19	1°♋37'32		
evening max el	-4712 Jul 21 j 22:10	17°♋46'36	26°06'27	
retrograde	-4712 Aug 03 j 11:12	24°♋56'40		
evening set	-4712 Aug 09 j 18:46	22°♋16'17		
min. Earth dist.	-4712 Aug 13 j 23:39	17°♋42'34	0.66378 AU	
inferior conj	-4712 Aug 15 j 07:50	16°♋01'31	-2°-17'-22	
minimum elong	-4712 Aug 15 j 10:49	15°♋52'07	2°16'05	
morning rise	-4712 Aug 21 j 03:37	10°♋07'00		
asc. node	-4712 Aug 22 j 12:44	9°♋27'53		
direct	-4712 Aug 24 j 07:12	9°♋09'52		
morning max el	-4712 Aug 31 j 06:27	13°♋06'36	19°03'20	
	-4712 Sep 12 j 14:05	0°♌		
morning set	-4712 Sep 22 j 11:50	15°♌33'29		
	-4712 Oct 01 j 15:44	0°♍		
desc. node	-4712 Oct 04 j 11:54	4°♍28'20		
max. Earth dist.	-4712 Oct 07 j 11:14	9°♍09'32	1.44694 AU	
superior conj	-4712 Oct 08 j 22:36	11°♍29'09	0°-27'-47	
minimum elong	-4712 Oct 08 j 19:03	11°♍15'09	0°27'15	
	-4712 Oct 20 j 12:56	0°♎		
evening rise	-4712 Oct 24 j 07:59	6°♎09'14		
	-4712 Nov 08 j 08:28	0°♏		
evening max el	-4712 Nov 13 j 16:14	6°♏41'37	18°41'56	
asc. node	-4712 Nov 18 j 11:27	10°♏07'31		
retrograde	-4712 Nov 20 j 09:33	10°♏27'52		
evening set	-4712 Nov 23 j 09:18	9°♏37'26		
inferior conj	-4712 Nov 29 j 07:44	3°♏55'32	3°09'35	
minimum elong	-4712 Nov 29 j 04:30	4°♏05'15	3°08'37	
min. Earth dist.	-4712 Dec 01 j 02:48	1°♏46'40	0.64886 AU	
	-4712 Dec 02 j 16:26	30°℞♎		
morning rise	-4712 Dec 04 j 22:33	27°♎48'38		
direct	-4712 Dec 11 j 15:46	24°♎58'57		
	-4712 Dec 22 j 01:31	0°♏		
morning max el	-4712 Dec 24 j 20:37	2°♏35'28	27°02'52	
desc. node	-4712 Dec 31 j 11:58	10°♏02'32		
	-4711 Jan 14 j 13:28	0°♐		
morning set	-4711 Jan 29 j 09:47	26°♐04'16		
	-4711 Jan 31 j 10:02	0°♑		
max. Earth dist.	-4711 Feb 03 j 01:05	5°♑16'05	1.34258 AU	
superior conj	-4711 Feb 06 j 16:32	12°♑47'46	-1°-12'-39	
minimum elong	-4711 Feb 06 j 19:23	13°♑02'40	1°12'29	
evening rise	-4711 Feb 14 j 02:56	28°♑27'23		
asc. node	-4711 Feb 14 j 10:30	29°♑06'40		
	-4711 Feb 14 j 20:48	0°♒		
	-4711 Mar 05 j 09:50	0°♓		
evening max el	-4711 Mar 06 j 12:08	1°♓05'09	21°39'57	
retrograde	-4711 Mar 18 j 16:50	6°♓56'48		
evening set	-4711 Mar 21 j 08:50	6°♓40'51		
desc. node	-4711 Mar 29 j 10:58	3°♓19'22		
inferior conj	-4711 Mar 30 j 15:46	2°♓39'02	0°-19'-49	
minimum elong	-4711 Mar 30 j 14:50	2°♓40'21	0°19'39	
min. Earth dist.	-4711 Mar 30 j 16:23	2°♓38'10	0.55203 AU	
	-4711 Apr 04 j 17:25	30°℞♒		
morning rise	-4711 Apr 08 j 21:11	28°♒36'55		
direct	-4711 Apr 11 j 17:01	28°♒19'13		
	-4711 Apr 18 j 06:47	0°♓		
morning max el	-4711 Apr 24 j 01:10	4°♓11'55	21°49'27	
	-4711 May 11 j 07:22	0°♈		
asc. node	-4711 May 13 j 10:17	4°♈14'55		
morning set	-4711 May 14 j 19:19	7°♈04'34		
superior conj	-4711 May 22 j 04:44	22°♈36'04	1°19'26	
minimum elong	-4711 May 22 j 02:02	22°♈21'52	1°19'08	
max. Earth dist.	-4711 May 25 j 15:30	29°♈43'03	1.34808 AU	
	-4711 May 25 j 18:51	0°♉		
evening rise	-4711 May 30 j 09:10	9°♉05'57		
	-4711 Jun 11 j 02:44	0°♊		
desc. node	-4711 Jun 25 j 09:27	20°♊57'18		
	-4711 Jul 03 j 04:18	0°♋		
evening max el	-4711 Jul 04 j 09:36	1°♋12'53	26°57'36	
retrograde	-4711 Jul 17 j 13:45	8°♋34'00		
evening set	-4711 Jul 24 j 09:25	5°♋46'57		
min. Earth dist.	-4711 Jul 28 j 06:41	1°♋52'10	0.65358 AU	
	-4711 Jul 29 j 21:15	30°℞♊		
inferior conj	-4711 Jul 30 j 04:09	29°♊39'48	-3°-2'-29	
minimum elong	-4711 Jul 30 j 07:43	29°♊29'23	3°01'15	
morning rise	-4711 Aug 05 j 07:12	23°♊59'22		
direct	-4711 Aug 08 j 03:55	23°♊14'13		
asc. node	-4711 Aug 09 j 09:50	23°♊22'42		
morning max el	-4711 Aug 14 j 18:15	26°♊51'07	18°23'51	
	-4711 Aug 17 j 11:57	0°♋		
morning set	-4711 Sep 03 j 00:59	25°♋45'32		
	-4711 Sep 05 j 15:12	0°♌		
superior conj	-4711 Sep 17 j 22:24	19°♌46'27	0°21'34	
minimum elong	-4711 Sep 18 j 01:08	19°♌57'15	0°21'23	
max. Earth dist.	-4711 Sep 20 j 05:37	23°♌24'50	1.44734 AU	
desc. node	-4711 Sep 21 j 08:49	25°♌12'09		
	-4711 Sep 24 j 09:59	0°♍		
evening rise	-4711 Oct 04 j 12:35	15°♍51'26		
	-4711 Oct 13 j 13:49	0°♎		
greatest brilliancy	-4711 Oct 18 j 13:44	7°♎37'17	-0.7m	
evening max el	-4711 Oct 28 j 01:14	20°♎08'13	19°24'51	
retrograde	-4711 Nov 04 j 05:29	24°♎16'49		
asc. node	-4711 Nov 05 j 08:37	24°♎09'26		
evening set	-4711 Nov 07 j 12:25	23°♎13'47		
inferior conj	-4711 Nov 13 j 04:46	17°♎17'14	2°27'40	
minimum elong	-4711 Nov 13 j 01:50	17°♎26'41	2°26'38	
min. Earth dist.	-4711 Nov 14 j 10:13	15°♎42'43	0.66005 AU	
morning rise	-4711 Nov 18 j 14:29	11°♎03'55		
direct	-4711 Nov 24 j 19:02	8°♎23'04		
morning max el	-4711 Dec 07 j 06:09	15°♎42'20	26°02'24	
desc. node	-4711 Dec 18 j 08:55	28°♎58'41		
	-4711 Dec 19 j 03:00	0°♏		
	-4710 Jan 07 j 09:22	0°♐		
morning set	-4710 Jan 12 j 09:57	9°♐02'04		
max. Earth dist.	-4710 Jan 16 j 10:31	16°♐39'08	1.35660 AU	
superior conj	-4710 Jan 21 j 13:23	26°♐48'31	-1°-32'-7	
minimum elong	-4710 Jan 21 j 16:23	27°♐03'46	1°32'02	
	-4710 Jan 23 j 02:58	0°♑		
evening rise	-4710 Jan 29 j 09:58	12°♑57'22		
asc. node	-4710 Feb 01 j 07:33	18°♑47'39		
	-4710 Feb 07 j 09:28	0°♒		
evening max el	-4710 Feb 16 j 18:03	12°♒26'59	20°19'53	
retrograde	-4710 Feb 27 j 07:37	17°♒27'36		
evening set	-4710 Mar 01 j 16:12	17°♒13'42		
inferior conj	-4710 Mar 10 j 13:06	13°♒14'59	1°33'23	
minimum elong	-4710 Mar 10 j 16:58	13°♒09'15	1°31'58	
min. Earth dist.	-4710 Mar 12 j 06:23	12°♒13'54	0.55555 AU	
desc. node	-4710 Mar 16 j 08:07	10°♒04'00		
morning rise	-4710 Mar 19 j 15:26	8°♒52'05		
direct	-4710 Mar 23 j 07:16	8°♒22'51		
morning max el	-4710 Apr 05 j 20:29	15°♒03'08	23°26'22	
	-4710 Apr 17 j 11:57	0°♓		
morning set	-4710 Apr 29 j 06:57	22°♓04'54		
asc. node	-4710 Apr 30 j 07:14	24°♓12'34		
	-4710 May 03 j 00:25	0°♈		
superior conj	-4710 May 06 j 10:47	7°♈22'04	0°59'40	
minimum elong	-4710 May 06 j 08:26	7°♈09'34	0°59'17	
max. Earth dist.	-4710 May 08 j 16:25	12°♈07'12	1.33738 AU	
evening rise	-4710 May 14 j 01:55	23°♈12'44		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4710 May 17 j 13:39	0°♉	
	-4710 Jun 04 j 19:03	0°♊	
desc. node	-4710 Jun 12 j 06:36	9°♊32'38	
evening max el	-4710 Jun 16 j 20:23	14°♊23'25	27°23'24
retrograde	-4710 Jun 30 j 10:42	21°♊48'21	
evening set	-4710 Jul 07 j 13:23	19°♊05'56	
min. Earth dist.	-4710 Jul 11 j 04:56	15°♊46'41	0.63953 AU
inferior conj	-4710 Jul 13 j 16:35	13°♊09'03	-3°-40'-7
minimum elong	-4710 Jul 13 j 20:02	12°♊59'54	3°39'13
morning rise	-4710 Jul 20 j 04:27	7°♊45'57	
direct	-4710 Jul 22 j 20:26	7°♊10'02	
asc. node	-4710 Jul 27 j 06:54	8°♊48'26	
morning max el	-4710 Jul 29 j 08:43	10°♊35'55	18°01'42
	-4710 Aug 11 j 11:39	0°♋	
morning set	-4710 Aug 15 j 16:24	7°♋12'26	
superior conj	-4710 Aug 28 j 13:37	28°♋51'52	1°04'08
minimum elong	-4710 Aug 28 j 19:31	29°♋15'56	1°03'41
	-4710 Aug 29 j 06:19	0°♌	
max. Earth dist.	-4710 Sep 02 j 22:23	7°♌31'49	1.44057 AU
desc. node	-4710 Sep 08 j 05:47	15°♌55'59	
evening rise	-4710 Sep 13 j 21:01	24°♌42'18	
	-4710 Sep 17 j 07:35	0°♍	
greatest brilliancy	-4710 Oct 04 j 16:43	25°♍38'41	-0.6m
	-4710 Oct 08 j 01:28	0°♎	
evening max el	-4710 Oct 11 j 05:05	3°♎34'35	20°22'50
retrograde	-4710 Oct 19 j 02:44	8°♎13'33	
evening set	-4710 Oct 22 j 19:00	6°♎55'16	
asc. node	-4710 Oct 23 j 05:46	6°♎34'56	
inferior conj	-4710 Oct 28 j 07:00	0°♎47'30	1°39'56
minimum elong	-4710 Oct 28 j 04:50	0°♎54'48	1°39'06
	-4710 Oct 28 j 21:07	30°℞♍	
min. Earth dist.	-4710 Oct 29 j 00:24	29°♍48'57	0.66779 AU
morning rise	-4710 Nov 02 j 14:10	24°♍30'24	
direct	-4710 Nov 08 j 03:44	22°♍06'11	
morning max el	-4710 Nov 19 j 15:04	28°♍55'53	24°44'27
	-4710 Nov 20 j 15:58	0°♎	
desc. node	-4710 Dec 05 j 05:51	18°♎31'31	
	-4710 Dec 12 j 22:33	0°♏	
morning set	-4710 Dec 25 j 14:56	20°♏58'16	
max. Earth dist.	-4710 Dec 29 j 10:02	27°♏47'16	1.37461 AU
	-4710 Dec 30 j 14:51	0°♐	
superior conj	-4709 Jan 05 j 00:01	10°♐13'43	-1°-46'-31
minimum elong	-4709 Jan 05 j 02:18	10°♐24'53	1°46'36
evening rise	-4709 Jan 13 j 11:39	27°♐05'07	
	-4709 Jan 14 j 22:56	0°♑	
asc. node	-4709 Jan 19 j 04:36	8°♑06'48	
evening max el	-4709 Jan 30 j 10:23	24°♑24'11	19°17'24
retrograde	-4709 Feb 08 j 09:45	28°♑40'34	
evening set	-4709 Feb 10 j 18:35	28°♑24'00	
inferior conj	-4709 Feb 18 j 23:38	24°♑13'57	3°00'29
minimum elong	-4709 Feb 19 j 04:39	24°♑05'29	2°59'05
min. Earth dist.	-4709 Feb 21 j 21:16	22°♑17'42	0.56745 AU
morning rise	-4709 Feb 27 j 11:02	19°♑21'18	
desc. node	-4709 Mar 03 j 05:14	18°♑29'18	
direct	-4709 Mar 04 j 08:08	18°♑26'21	
morning max el	-4709 Mar 18 j 11:35	25°♑39'28	25°03'44
	-4709 Mar 22 j 13:12	0°♒	
	-4709 Apr 10 j 07:35	0°♓	
morning set	-4709 Apr 13 j 19:14	7°♓08'18	
asc. node	-4709 Apr 17 j 04:12	14°♓20'10	
superior conj	-4709 Apr 20 j 20:28	22°♓19'28	0°37'19
minimum elong	-4709 Apr 20 j 18:53	22°♓10'54	0°36'57
max. Earth dist.	-4709 Apr 22 j 00:48	24°♓53'05	1.33027 AU
	-4709 Apr 24 j 09:58	0°♈	
evening rise	-4709 Apr 28 j 03:04	7°♈45'14	
	-4709 May 10 j 01:09	0°♉	
evening max el	-4709 May 30 j 04:17	27°♉05'06	27°18'32
desc. node	-4709 May 30 j 03:45	27°♉03'48	
	-4709 Jun 02 j 12:20	0°♊	
retrograde	-4709 Jun 13 j 01:30	4°♊29'38	
evening set	-4709 Jun 20 j 02:56	2°♊06'00	
	-4709 Jun 22 j 20:07	30°℞♉	
min. Earth dist.	-4709 Jun 23 j 17:24	29°♉12'55	0.62192 AU
inferior conj	-4709 Jun 26 j 18:05	26°♉21'59	-4°-6'-7
minimum elong	-4709 Jun 26 j 20:20	26°♉16'40	4°05'43
morning rise	-4709 Jul 03 j 16:18	21°♉18'53	
direct	-4709 Jul 06 j 05:23	20°♉50'03	
morning max el	-4709 Jul 12 j 23:09	24°♉14'18	17°57'43
asc. node	-4709 Jul 14 j 03:55	25°♉29'48	
	-4709 Jul 17 j 15:23	0°♊	
morning set	-4709 Jul 29 j 05:12	19°♊40'18	
	-4709 Aug 03 j 23:42	0°♋	
superior conj	-4709 Aug 09 j 07:39	9°♋17'05	1°32'41
minimum elong	-4709 Aug 09 j 12:23	9°♋37'17	1°32'33
max. Earth dist.	-4709 Aug 16 j 10:18	21°♋11'06	1.42757 AU
	-4709 Aug 21 j 21:41	0°♌	
evening rise	-4709 Aug 24 j 01:32	3°♌24'22	
desc. node	-4709 Aug 26 j 02:46	6°♌36'23	
	-4709 Sep 10 j 18:58	0°♍	
greatest brilliancy	-4709 Sep 19 j 01:32	11°♍11'18	-0.4m
evening max el	-4709 Sep 24 j 02:41	16°♍59'47	21°33'17
retrograde	-4709 Oct 02 j 23:13	22°♍15'09	
evening set	-4709 Oct 07 j 03:03	20°♍39'08	
asc. node	-4709 Oct 10 j 02:54	17°♍34'40	
inferior conj	-4709 Oct 12 j 12:19	14°♍23'50	0°48'39
minimum elong	-4709 Oct 12 j 11:12	14°♍27'39	0°48'15
min. Earth dist.	-4709 Oct 12 j 18:56	14°♍01'00	0.67232 AU
morning rise	-4709 Oct 17 j 19:04	8°♍05'54	
direct	-4709 Oct 22 j 17:21	6°♍02'12	
morning max el	-4709 Nov 02 j 00:40	12°♍11'48	23°18'46
greatest brilliancy	-4709 Nov 07 j 11:31	18°♍21'49	-0.3m
	-4709 Nov 16 j 05:49	0°♎	
desc. node	-4709 Nov 22 j 02:47	8°♎30'27	
	-4709 Dec 05 j 19:14	0°♏	
morning set	-4709 Dec 06 j 18:41	1°♏37'34	
max. Earth dist.	-4709 Dec 11 j 05:51	9°♏14'01	1.39499 AU
superior conj	-4709 Dec 18 j 20:15	22°♏52'29	-1°-53'-12
minimum elong	-4709 Dec 18 j 20:36	22°♏54'04	1°53'23
	-4709 Dec 22 j 15:17	0°♐	
evening rise	-4709 Dec 28 j 05:24	10°♐44'06	
asc. node	-4708 Jan 06 j 01:40	26°♐56'46	
	-4708 Jan 07 j 23:57	0°♑	
evening max el	-4708 Jan 13 j 11:57	6°♑54'14	18°34'40
retrograde	-4708 Jan 21 j 05:35	10°♑40'16	
evening set	-4708 Jan 23 j 16:53	10°♑18'33	
inferior conj	-4708 Jan 31 j 05:55	5°♑49'17	3°49'39
minimum elong	-4708 Jan 31 j 08:48	5°♑43'39	3°49'04
min. Earth dist.	-4708 Feb 03 j 14:41	3°♑13'00	0.58511 AU
morning rise	-4708 Feb 07 j 21:10	0°♑30'37	
	-4708 Feb 08 j 23:58	30°℞♐	
direct	-4708 Feb 13 j 22:29	28°♐58'04	
desc. node	-4708 Feb 18 j 02:19	29°♐40'42	
	-4708 Feb 18 j 23:16	0°♑	
morning max el	-4708 Feb 28 j 04:28	6°♑28'25	26°26'35
	-4708 Mar 16 j 15:01	0°♒	
morning set	-4708 Mar 28 j 06:31	22°♒08'29	
	-4708 Mar 31 j 22:58	0°♓	
asc. node	-4708 Apr 03 j 01:10	4°♓33'12	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4708 Apr 04 j 07:57	7°♓21'35	0°13'19
minimum elong	-4708 Apr 04 j 07:22	7°♓18'24	0°13'05
behind sun begin	-4708 Apr 04 j 04:34	7°♓03'05	
behind sun end	-4708 Apr 04 j 10:10	7°♓33'43	
max. Earth dist.	-4708 Apr 04 j 13:27	7°♓51'40	1.32661 AU
evening rise	-4708 Apr 11 j 09:49	22°♓34'06	
	-4708 Apr 15 j 01:50	0°♈	
	-4708 May 03 j 06:53	0°♉	
evening max el	-4708 May 11 j 07:16	9°♉08'42	26°40'54
desc. node	-4708 May 16 j 00:52	13°♉04'13	
retrograde	-4708 May 25 j 08:48	16°♉29'31	
evening set	-4708 May 31 j 21:57	14°♉38'05	
min. Earth dist.	-4708 Jun 04 j 20:41	11°♉56'02	0.60195 AU
inferior conj	-4708 Jun 08 j 05:12	9°♉10'35	-4°-14'-6
minimum elong	-4708 Jun 08 j 04:55	9°♉11'09	4°13'59
morning rise	-4708 Jun 15 j 15:17	4°♉29'00	
direct	-4708 Jun 18 j 02:53	4°♉05'36	
morning max el	-4708 Jun 25 j 10:43	7°♉38'59	18°12'51
asc. node	-4708 Jun 30 j 00:56	13°♉11'28	
	-4708 Jul 09 j 20:35	0°♊	
morning set	-4708 Jul 11 j 10:09	2°♊56'07	
superior conj	-4708 Jul 21 j 03:54	21°♊00'27	1°46'47
minimum elong	-4708 Jul 21 j 05:49	21°♊09'04	1°46'57
	-4708 Jul 26 j 05:58	0°♋	
max. Earth dist.	-4708 Jul 28 j 16:26	4°♋10'35	1.41026 AU
evening rise	-4708 Aug 02 j 22:05	12°♋52'42	
desc. node	-4708 Aug 11 j 23:45	27°♋09'32	
	-4708 Aug 13 j 20:48	0°♌	
greatest brilliancy	-4708 Aug 31 j 19:27	24°♌51'24	-0.3m
	-4708 Sep 05 j 08:49	0°♍	
evening max el	-4708 Sep 05 j 18:27	0°♍24'31	22°51'56
retrograde	-4708 Sep 15 j 17:17	6°♍18'36	
evening set	-4708 Sep 20 j 10:42	4°♍22'58	
	-4708 Sep 24 j 08:44	30°℞♌	
inferior conj	-4708 Sep 25 j 18:50	28°♌03'37	0°-4'-25
minimum elong	-4708 Sep 25 j 18:55	28°♌03'17	0°04'15
transit middle	-4708 Sep 25 j 18:55	28°♌03'17	0°04'15
transit begin	-4708 Sep 25 j 16:19	28°♌12'17	
transit end	-4708 Sep 25 j 21:32	27°♌54'18	
min. Earth dist.	-4708 Sep 25 j 15:14	28°♌16'01	0.67392 AU
asc. node	-4708 Sep 26 j 00:02	27°♌45'42	
morning rise	-4708 Oct 01 j 03:05	21°♌48'09	
direct	-4708 Oct 05 j 11:01	20°♌05'41	
morning max el	-4708 Oct 14 j 13:57	25°♌31'05	21°54'10
	-4708 Oct 18 j 13:46	0°♍	
greatest brilliancy	-4708 Oct 19 j 11:35	1°♍06'52	-0.4m
desc. node	-4708 Nov 07 j 23:41	28°♍47'12	
	-4708 Nov 08 j 18:43	0°♎	
morning set	-4708 Nov 15 j 17:43	10°♎53'07	
max. Earth dist.	-4708 Nov 22 j 05:33	21°♎27'52	1.41511 AU
	-4708 Nov 27 j 06:31	0°♏	
superior conj	-4708 Nov 29 j 20:39	4°♏30'11	-1°-48'-49
minimum elong	-4708 Nov 29 j 17:46	4°♏17'33	1°48'50
evening rise	-4708 Dec 10 j 11:53	23°♏46'04	
	-4708 Dec 13 j 21:11	0°♐	
asc. node	-4708 Dec 22 j 22:46	15°♐07'37	
evening max el	-4708 Dec 26 j 20:07	19°♐48'29	18°12'01
retrograde	-4707 Jan 02 j 19:00	23°♐19'22	
evening set	-4707 Jan 05 j 08:45	22°♐51'14	
inferior conj	-4707 Jan 12 j 07:54	17°♐59'45	4°05'06
minimum elong	-4707 Jan 12 j 07:54	17°♐59'46	4°04'53
min. Earth dist.	-4707 Jan 15 j 13:17	15°♐06'25	0.60504 AU
morning rise	-4707 Jan 19 j 04:19	12°♐22'11	
direct	-4707 Jan 25 j 23:51	10°♐12'06	
desc. node	-4707 Feb 03 j 23:23	13°♐31'01	
morning max el	-4707 Feb 09 j 02:52	17°♐50'16	27°21'44
	-4707 Feb 19 j 07:41	0°♑	
	-4707 Mar 09 j 04:04	0°♒	
morning set	-4707 Mar 12 j 14:58	6°♒58'23	
max. Earth dist.	-4707 Mar 19 j 02:42	20°♒49'49	1.32628 AU
superior conj	-4707 Mar 19 j 19:34	22°♒21'55	0°-11'-29
minimum elong	-4707 Mar 19 j 20:05	22°♒24'45	0°11'33
behind sun begin	-4707 Mar 19 j 16:38	22°♒05'53	
behind sun end	-4707 Mar 19 j 23:32	22°♒43'37	
asc. node	-4707 Mar 20 j 22:08	24°♒47'07	
	-4707 Mar 23 j 07:33	0°♓	
evening rise	-4707 Mar 26 j 19:55	7°♓31'02	
	-4707 Apr 07 j 16:32	0°♈	
evening max el	-4707 Apr 23 j 04:11	20°♈31'34	25°33'37
desc. node	-4707 May 02 j 22:01	26°♈59'37	
retrograde	-4707 May 07 j 06:17	27°♈44'10	
evening set	-4707 May 12 j 19:39	26°♈31'04	
min. Earth dist.	-4707 May 17 j 16:44	23°♈43'36	0.58186 AU
inferior conj	-4707 May 20 j 22:22	21°♈25'41	-3°-55'-5
minimum elong	-4707 May 20 j 18:44	21°♈32'11	3°54'33
morning rise	-4707 May 28 j 21:51	17°♈05'22	
direct	-4707 May 31 j 08:48	16°♈46'17	
morning max el	-4707 Jun 08 j 16:33	20°♈41'31	18°48'01
	-4707 Jun 15 j 21:28	0°♉	
asc. node	-4707 Jun 16 j 21:57	1°♉40'03	
morning set	-4707 Jun 25 j 02:59	16°♉49'35	
	-4707 Jul 01 j 21:17	0°♊	
superior conj	-4707 Jul 03 j 21:08	3°♊48'24	1°49'02
minimum elong	-4707 Jul 03 j 20:35	3°♊45'48	1°49'13
max. Earth dist.	-4707 Jul 10 j 18:43	16°♊29'45	1.39097 AU
evening rise	-4707 Jul 14 j 20:41	23°♊37'04	
	-4707 Jul 18 j 15:54	0°♋	
desc. node	-4707 Jul 29 j 20:46	17°♋31'27	
	-4707 Aug 07 j 16:18	0°♌	
evening max el	-4707 Aug 19 j 06:25	13°♌51'42	24°12'43
retrograde	-4707 Aug 30 j 07:52	20°♌21'40	
evening set	-4707 Sep 04 j 16:15	18°♌06'09	
min. Earth dist.	-4707 Sep 09 j 10:53	12°♌33'26	0.67258 AU
inferior conj	-4707 Sep 10 j 00:52	11°♌46'08	0°-57'-33
minimum elong	-4707 Sep 10 j 02:12	11°♌41'38	0°56'50
asc. node	-4707 Sep 12 j 21:10	8°♌07'16	
morning rise	-4707 Sep 15 j 12:21	5°♌36'23	
direct	-4707 Sep 19 j 07:36	4°♌13'48	
morning max el	-4707 Sep 27 j 09:46	8°♌58'20	20°37'35
greatest brilliancy	-4707 Oct 03 j 15:14	16°♌25'42	-0.5m
	-4707 Oct 13 j 04:22	0°♍	
morning set	-4707 Oct 25 j 19:31	19°♍12'24	
desc. node	-4707 Oct 25 j 20:36	19°♍16'38	
	-4707 Nov 01 j 16:10	0°♎	
max. Earth dist.	-4707 Nov 04 j 13:00	4°♎36'04	1.43203 AU
superior conj	-4707 Nov 10 j 19:38	14°♎53'38	-1°-29'-44
minimum elong	-4707 Nov 10 j 13:31	14°♎28'09	1°29'16
	-4707 Nov 19 j 16:12	0°♏	
evening rise	-4707 Nov 23 j 03:07	6°♏03'05	
	-4707 Dec 07 j 17:52	0°♐	
asc. node	-4707 Dec 09 j 19:52	2°♐27'43	
evening max el	-4707 Dec 10 j 07:57	2°♐59'00	18°08'58
retrograde	-4707 Dec 16 j 22:14	6°♐27'56	
evening set	-4707 Dec 19 j 14:48	5°♐52'23	
inferior conj	-4707 Dec 26 j 02:34	0°♐39'15	3°55'55
minimum elong	-4707 Dec 26 j 00:28	0°♐44'39	3°55'30
	-4707 Dec 26 j 17:47	30°℞♏	
min. Earth dist.	-4707 Dec 28 j 20:17	27°♏51'21	0.62421 AU
morning rise	-4706 Jan 01 j 08:11	24°♏47'38	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4706 Jan 08 j 09:54	22°♏10'44	
desc. node	-4706 Jan 21 j 20:26	29°♏26'04	
	-4706 Jan 22 j 10:23	0°♐	
morning max el	-4706 Jan 22 j 07:27	29°♏52'46	27°41'49
	-4706 Feb 13 j 05:56	0°♑	
morning set	-4706 Feb 24 j 18:28	21°♑30'32	
	-4706 Feb 28 j 20:39	0°♒	
max. Earth dist.	-4706 Mar 02 j 12:47	3°♒34'04	1.32947 AU
superior conj	-4706 Mar 04 j 05:39	7°♒14'24	0°-36'-13
minimum elong	-4706 Mar 04 j 07:15	7°♒23'01	0°36'07
asc. node	-4706 Mar 07 j 19:07	14°♒57'44	
evening rise	-4706 Mar 11 j 07:29	22°♒28'48	
	-4706 Mar 14 j 23:28	0°♓	
	-4706 Apr 03 j 11:22	0°♈	
evening max el	-4706 Apr 04 j 20:40	1°♈23'01	24°05'58
retrograde	-4706 Apr 18 j 15:51	8°♈17'42	
desc. node	-4706 Apr 19 j 19:11	8°♈14'45	
evening set	-4706 Apr 22 j 22:08	7°♈37'19	
min. Earth dist.	-4706 Apr 29 j 08:25	4°♈30'46	0.56483 AU
inferior conj	-4706 May 01 j 19:23	2°♈59'11	-2°-59'-30
minimum elong	-4706 May 01 j 13:42	3°♈08'05	2°58'08
	-4706 May 07 j 04:10	30°℞♓	
morning rise	-4706 May 10 j 09:09	28°♓56'05	
direct	-4706 May 12 j 19:59	28°♓40'12	
	-4706 May 18 j 03:20	0°♈	
morning max el	-4706 May 22 j 13:56	3°♈11'59	19°43'37
asc. node	-4706 Jun 03 j 18:57	20°♈43'41	
	-4706 Jun 08 j 14:02	0°♉	
morning set	-4706 Jun 09 j 04:10	1°♉10'48	
superior conj	-4706 Jun 17 j 05:43	17°♉24'38	1°42'21
minimum elong	-4706 Jun 17 j 03:39	17°♉14'24	1°42'23
max. Earth dist.	-4706 Jun 22 j 21:35	28°♉20'38	1.37216 AU
	-4706 Jun 23 j 18:51	0°♊	
evening rise	-4706 Jun 26 j 20:17	5°♊35'49	
	-4706 Jul 11 j 14:00	0°♋	
desc. node	-4706 Jul 16 j 17:49	7°♋35'51	
evening max el	-4706 Aug 01 j 16:57	27°♋21'12	25°28'20
	-4706 Aug 04 j 14:34	0°♌	
retrograde	-4706 Aug 13 j 18:16	4°♌19'38	
evening set	-4706 Aug 19 j 17:49	1°♌46'32	
	-4706 Aug 21 j 12:58	30°℞♋	
min. Earth dist.	-4706 Aug 24 j 03:25	26°♋50'56	0.66803 AU
inferior conj	-4706 Aug 25 j 04:42	25°♋28'58	-1°-49'-6
minimum elong	-4706 Aug 25 j 07:09	25°♋21'00	1°47'58
morning rise	-4706 Aug 30 j 21:01	19°♋28'12	
asc. node	-4706 Aug 30 j 18:18	19°♋32'42	
direct	-4706 Sep 03 j 05:39	18°♋22'48	
morning max el	-4706 Sep 10 j 12:54	22°♋34'22	19°33'28
	-4706 Sep 16 j 14:12	0°♌	
greatest brilliancy	-4706 Sep 19 j 10:54	4°♌03'37	-0.7m
morning set	-4706 Oct 04 j 20:57	27°♌37'24	
	-4706 Oct 06 j 09:33	0°♍	
desc. node	-4706 Oct 12 j 17:31	9°♍54'11	
max. Earth dist.	-4706 Oct 18 j 02:53	18°♍24'19	1.44340 AU
superior conj	-4706 Oct 21 j 15:06	23°♍59'47	0°-54'-15
minimum elong	-4706 Oct 21 j 09:02	23°♍35'30	0°53'30
	-4706 Oct 25 j 08:36	0°♎	
evening rise	-4706 Nov 04 j 22:23	17°♎25'27	
	-4706 Nov 12 j 11:10	0°♏	
evening max el	-4706 Nov 23 j 20:39	16°♏19'11	18°24'47
asc. node	-4706 Nov 26 j 17:00	18°♏42'50	
retrograde	-4706 Nov 30 j 10:52	19°♏56'49	
evening set	-4706 Dec 03 j 07:24	19°♏12'28	
inferior conj	-4706 Dec 09 j 10:06	13°♏40'06	3°29'58
minimum elong	-4706 Dec 09 j 07:01	13°♏48'56	3°29'10
min. Earth dist.	-4706 Dec 11 j 13:25	11°♏14'00	0.64072 AU
morning rise	-4706 Dec 15 j 05:13	7°♏37'46	
direct	-4706 Dec 22 j 03:24	4°♏48'42	
morning max el	-4705 Jan 04 j 16:08	12°♏30'18	27°26'23
desc. node	-4705 Jan 08 j 17:29	16°♏51'26	
	-4705 Jan 18 j 18:29	0°♐	
	-4705 Feb 05 j 16:52	0°♑	
morning set	-4705 Feb 08 j 14:24	5°♑36'07	
max. Earth dist.	-4705 Feb 13 j 15:41	15°♑51'11	1.33651 AU
superior conj	-4705 Feb 16 j 12:25	21°♑53'00	0°-59'-55
minimum elong	-4705 Feb 16 j 14:54	22°♑06'13	0°59'44
	-4705 Feb 20 j 07:35	0°♒	
asc. node	-4705 Feb 22 j 16:08	5°♒01'01	
evening rise	-4705 Feb 23 j 18:45	7°♒21'05	
	-4705 Mar 07 j 22:58	0°♓	
evening max el	-4705 Mar 17 j 14:01	12°♓07'57	22°31'52
retrograde	-4705 Mar 30 j 13:28	18°♓27'54	
evening set	-4705 Apr 02 j 15:42	18°♓06'52	
desc. node	-4705 Apr 06 j 16:22	16°♓43'18	
min. Earth dist.	-4705 Apr 10 j 22:50	14°♓28'52	0.55420 AU
inferior conj	-4705 Apr 11 j 22:53	13°♓54'31	-1°-25'-38
minimum elong	-4705 Apr 11 j 19:07	13°♓59'54	1°24'30
morning rise	-4705 Apr 21 j 00:43	9°♓57'04	
direct	-4705 Apr 23 j 14:24	9°♓41'48	
morning max el	-4705 May 05 j 00:55	15°♓03'27	20°58'40
	-4705 May 16 j 03:54	0°♈	
asc. node	-4705 May 21 j 15:56	10°♈13'49	
morning set	-4705 May 24 j 11:03	15°♈52'25	
	-4705 May 31 j 06:32	0°♉	
superior conj	-4705 Jun 01 j 01:13	1°♉36'08	1°29'12
minimum elong	-4705 May 31 j 22:32	1°♉22'21	1°29'01
max. Earth dist.	-4705 Jun 05 j 06:45	10°♉08'35	1.35587 AU
evening rise	-4705 Jun 09 j 15:55	18°♉36'14	
	-4705 Jun 15 j 23:06	0°♊	
desc. node	-4705 Jul 03 j 14:54	27°♊14'57	
	-4705 Jul 05 j 16:58	0°♋	
evening max el	-4705 Jul 15 j 03:48	10°♋50'17	26°30'42
retrograde	-4705 Jul 27 j 23:59	18°♋06'49	
evening set	-4705 Aug 03 j 13:13	15°♋22'04	
min. Earth dist.	-4705 Aug 07 j 14:36	11°♋05'12	0.65994 AU
inferior conj	-4705 Aug 09 j 04:23	9°♋10'02	-2°-37'-13
minimum elong	-4705 Aug 09 j 07:41	8°♋59'57	2°35'55
morning rise	-4705 Aug 15 j 03:06	3°♋21'21	
asc. node	-4705 Aug 17 j 15:25	2°♋31'16	
direct	-4705 Aug 18 j 03:24	2°♋29'52	
morning max el	-4705 Aug 24 j 22:10	6°♋17'10	18°44'28
	-4705 Sep 10 j 08:44	0°♌	
morning set	-4705 Sep 14 j 18:27	7°♌03'37	
	-4705 Sep 29 j 05:09	0°♍	
desc. node	-4705 Sep 29 j 14:26	0°♍36'32	
superior conj	-4705 Sep 30 j 16:11	2°♍18'04	0°-6'-46
minimum elong	-4705 Sep 30 j 15:18	2°♍14'35	0°06'33
behind sun begin	-4705 Sep 30 j 04:44	1°♍32'56	
behind sun end	-4705 Oct 01 j 01:53	2°♍56'14	
max. Earth dist.	-4705 Sep 30 j 20:02	2°♍33'13	1.44796 AU
evening rise	-4705 Oct 16 j 17:26	27°♍44'21	
	-4705 Oct 18 j 03:21	0°♎	
evening max el	-4705 Nov 07 j 07:37	29°♎44'04	18°58'17
	-4705 Nov 07 j 13:53	0°♏	
asc. node	-4705 Nov 13 j 14:10	3°♏37'07	
retrograde	-4705 Nov 14 j 04:59	3°♏39'17	
evening set	-4705 Nov 17 j 07:25	2°♏43'57	
	-4705 Nov 20 j 12:22	30°℞♎	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4705 Nov 23 j 03:03	26°♎55'26	2°52'43
minimum elong	-4705 Nov 22 j 23:52	27°♎05'19	2°51'41
min. Earth dist.	-4705 Nov 24 j 16:11	25°♎00'30	0.65395 AU
morning rise	-4705 Nov 28 j 15:17	20°♎45'13	
direct	-4705 Dec 05 j 03:28	17°♎57'54	
morning max el	-4705 Dec 18 j 01:53	25°♎29'37	26°39'59
	-4705 Dec 22 j 05:59	0°♏	
desc. node	-4705 Dec 26 j 14:29	5°♏19'57	
	-4704 Jan 12 j 06:05	0°♐	
morning set	-4704 Jan 22 j 23:03	19°♐02'23	
max. Earth dist.	-4704 Jan 27 j 07:40	27°♐31'24	1.34790 AU
	-4704 Jan 28 j 13:18	0°♑	
evening set	-4704 Oct 31 j 12:14	16°♎22'36	
inferior conj	-4704 Nov 06 j 02:34	10°♎21'08	2°08'00
minimum elong	-4704 Nov 05 j 23:54	10°♎29'52	2°07'01
min. Earth dist.	-4704 Nov 07 j 02:48	9°♎01'32	0.66374 AU
morning rise	-4704 Nov 11 j 10:53	4°♎05'48	
direct	-4704 Nov 17 j 09:20	1°♎30'57	
morning max el	-4704 Nov 29 j 10:55	8°♎39'27	25°30'45
desc. node	-4704 Dec 12 j 11:26	24°♎33'15	
	-4704 Dec 16 j 07:20	0°♏	
	-4703 Jan 03 j 18:34	0°♐	
morning set	-4703 Jan 04 j 15:44	1°♐35'31	
max. Earth dist.	-4703 Jan 08 j 11:54	8°♐42'14	1.36379 AU

superior conj	-4704 Jan 31 j 13:36	6°♑09'27	-1°-21'-24
minimum elong	-4704 Jan 31 j 16:36	6°♑24'58	1°21'15
evening rise	-4704 Feb 08 j 03:50	22°♑00'22	
asc. node	-4704 Feb 09 j 13:09	24°♑51'21	
	-4704 Feb 12 j 02:57	0°♒	
evening max el	-4704 Feb 27 j 14:18	23°♒11'31	21°04'08
retrograde	-4704 Mar 10 j 03:25	28°♒41'46	
evening set	-4704 Mar 12 j 14:32	28°♒27'39	
inferior conj	-4704 Mar 21 j 18:26	24°♒29'20	0°29'38
minimum elong	-4704 Mar 21 j 19:46	24°♒27'25	0°29'02
min. Earth dist.	-4704 Mar 22 j 13:13	24°♒02'34	0.55235 AU
desc. node	-4704 Mar 23 j 13:32	23°♒28'18	
morning rise	-4704 Mar 31 j 00:05	20°♒19'49	
direct	-4704 Apr 03 j 02:35	19°♒58'45	
morning max el	-4704 Apr 16 j 01:15	26°♒13'45	22°29'38
	-4704 Apr 19 j 14:43	0°♓	
morning set	-4704 May 07 j 21:27	0°♈47'09	
asc. node	-4704 May 07 j 12:54	0°♈02'43	
	-4704 May 07 j 12:22	0°♈	
superior conj	-4704 May 15 j 04:08	16°♈11'43	1°11'27
minimum elong	-4704 May 15 j 01:32	15°♈57'54	1°11'06
max. Earth dist.	-4704 May 18 j 01:46	22°♈15'58	1.34310 AU
	-4704 May 21 j 21:17	0°♉	
evening rise	-4704 May 23 j 02:13	2°♉22'33	
	-4704 Jun 07 j 20:29	0°♊	
desc. node	-4704 Jun 19 j 12:01	16°♊17'41	
evening max el	-4704 Jun 26 j 15:07	24°♊11'14	27°12'00
	-4704 Jul 04 j 06:16	0°♋	
retrograde	-4704 Jul 10 j 00:31	1°♋35'23	
	-4704 Jul 15 j 07:28	30°℞♊	
evening set	-4704 Jul 16 j 23:46	28°♊48'44	
min. Earth dist.	-4704 Jul 20 j 18:14	25°♊09'36	0.64804 AU
inferior conj	-4704 Jul 22 j 21:42	22°♊45'19	-3°-19'-35
minimum elong	-4704 Jul 23 j 01:20	22°♊35'07	3°18'28
morning rise	-4704 Jul 29 j 04:19	17°♊11'48	
direct	-4704 Jul 31 j 22:39	16°♊31'01	
asc. node	-4704 Aug 03 j 12:30	17°♊06'06	
morning max el	-4704 Aug 07 j 11:25	20°♊02'33	18°12'10
	-4704 Aug 14 j 23:10	0°♋	
morning set	-4704 Aug 25 j 19:14	17°♋48'46	
	-4704 Sep 02 j 03:45	0°♌	
evening set	-4703 Jan 14 j 06:31	19°♐55'58	-1°-39'00
minimum elong	-4703 Jan 14 j 09:21	20°♐10'06	1°38'59
	-4703 Jan 19 j 05:58	0°♑	
evening rise	-4703 Jan 22 j 08:49	6°♑20'54	
asc. node	-4703 Jan 26 j 10:11	14°♑23'20	
	-4703 Feb 04 j 19:41	0°♒	
evening max el	-4703 Feb 09 j 00:44	4°♒48'08	19°51'03
retrograde	-4703 Feb 18 j 21:10	9°♒27'55	
evening set	-4703 Feb 21 j 05:26	9°♒13'17	
inferior conj	-4703 Mar 01 j 19:58	5°♒11'34	2°14'41
minimum elong	-4703 Mar 02 j 00:51	5°♒03'59	2°13'04
min. Earth dist.	-4703 Mar 04 j 03:31	3°♒45'41	0.55973 AU
desc. node	-4703 Mar 10 j 10:39	0°♒41'14	
morning rise	-4703 Mar 10 j 17:05	0°♒36'13	
	-4703 Mar 13 j 20:32	30°℞♑	
direct	-4703 Mar 14 j 21:05	29°♑57'38	
	-4703 Mar 15 j 21:34	0°♒	
morning max el	-4703 Mar 28 j 17:48	6°♒54'14	24°08'27
	-4703 Apr 14 j 08:00	0°♓	
morning set	-4703 Apr 22 j 09:32	15°♓48'55	
asc. node	-4703 Apr 24 j 09:50	20°♓04'44	
superior conj	-4703 Apr 29 j 11:56	1°♈02'53	0°50'27
minimum elong	-4703 Apr 29 j 09:53	0°♈51'49	0°50'03
	-4703 Apr 29 j 00:17	0°♈	
max. Earth dist.	-4703 May 01 j 06:14	4°♈49'56	1.33399 AU
evening rise	-4703 May 06 j 22:56	16°♈41'25	
	-4703 May 13 j 21:26	0°♉	
	-4703 Jun 02 j 12:01	0°♊	
desc. node	-4703 Jun 06 j 09:09	4°♊28'21	
evening max el	-4703 Jun 09 j 01:13	7°♊11'37	27°25'22
retrograde	-4703 Jun 22 j 18:54	14°♊36'15	
evening set	-4703 Jun 29 j 22:05	12°♊00'26	
min. Earth dist.	-4703 Jul 03 j 12:33	8°♊53'28	0.63244 AU
inferior conj	-4703 Jul 06 j 05:54	6°♊08'38	-3°-52'-56
minimum elong	-4703 Jul 06 j 09:00	6°♊00'47	3°52'15
morning rise	-4703 Jul 12 j 21:57	0°♊53'23	
direct	-4703 Jul 15 j 12:30	0°♊20'40	
asc. node	-4703 Jul 21 j 09:32	3°♊05'33	
morning max el	-4703 Jul 22 j 02:08	3°♊44'48	17°57'37
morning set	-4703 Aug 07 j 20:27	29°♊43'29	
	-4703 Aug 08 j 00:13	0°♋	
superior conj	-4703 Aug 19 j 22:17	20°♋26'55	1°18'07
minimum elong	-4703 Aug 20 j 04:04	20°♋51'01	1°17'46
	-4703 Aug 25 j 18:04	0°♌	
max. Earth dist.	-4703 Aug 26 j 04:45	0°♌43'05	1.43575 AU
desc. node	-4703 Sep 02 j 08:19	12°♌03'25	
evening rise	-4703 Sep 04 j 16:23	15°♌41'31	
	-4703 Sep 14 j 01:37	0°♍	
greatest brilliancy	-4703 Sep 27 j 22:01	19°♍48'20	-0.5m
evening max el	-4703 Oct 03 j 16:01	26°♍37'06	20°51'33
	-4703 Oct 07 j 14:57	0°♎	
retrograde	-4703 Oct 11 j 22:39	1°♎30'25	
greatest brilliancy	-4704 Oct 12 j 17:35	3°♎10'57	-0.6m
evening max el	-4704 Oct 20 j 14:41	13°♎11'00	19°47'53
retrograde	-4704 Oct 28 j 01:40	17°♎31'37	
asc. node	-4704 Oct 30 j 11:19	16°♎58'06	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4703 Oct 15 j 19:39	0°♎04'49	
	-4703 Oct 15 j 22:13	30°℞♍	
asc. node	-4703 Oct 17 j 08:27	28°♍43'53	
inferior conj	-4703 Oct 21 j 06:19	23°♍53'39	1°18'28
minimum elong	-4703 Oct 21 j 04:34	23°♍59'36	1°17'49
min. Earth dist.	-4703 Oct 21 j 19:02	23°♍10'22	0.67016 AU
morning rise	-4703 Oct 26 j 13:04	17°♍36'03	
direct	-4703 Oct 31 j 20:13	15°♍20'10	
morning max el	-4703 Nov 11 j 19:37	21°♍53'01	24°08'20
	-4703 Nov 18 j 21:13	0°♎	
desc. node	-4703 Nov 29 j 08:23	14°♎18'02	
	-4703 Dec 09 j 14:51	0°♏	
morning set	-4703 Dec 17 j 10:34	12°♏59'33	
max. Earth dist.	-4703 Dec 21 j 08:49	19°♏53'14	1.38318 AU
	-4703 Dec 26 j 21:02	0°♐	
superior conj	-4703 Dec 28 j 11:34	3°♐02'33	-1°-50'-29
minimum elong	-4703 Dec 28 j 13:12	3°♐10'20	1°50'38
evening rise	-4702 Jan 06 j 07:25	20°♐16'40	
	-4702 Jan 11 j 08:46	0°♑	
asc. node	-4702 Jan 13 j 07:15	3°♑30'36	
evening max el	-4702 Jan 22 j 21:14	16°♑59'29	18°56'45
retrograde	-4702 Jan 31 j 06:24	21°♑00'51	
evening set	-4702 Feb 02 j 16:25	20°♑42'10	
inferior conj	-4702 Feb 10 j 14:25	16°♑24'20	3°25'59
minimum elong	-4702 Feb 10 j 18:47	16°♑16'30	3°24'56
min. Earth dist.	-4702 Feb 13 j 18:48	14°♑08'53	0.57447 AU
morning rise	-4702 Feb 18 j 17:29	11°♑20'13	
direct	-4702 Feb 24 j 03:33	10°♑10'13	
desc. node	-4702 Feb 25 j 07:46	10°♑13'33	
morning max el	-4702 Mar 10 j 08:44	17°♑31'22	25°41'46
	-4702 Mar 20 j 15:37	0°♒	
	-4702 Apr 06 j 11:43	0°♓	
morning set	-4702 Apr 06 j 21:38	0°♓51'49	
asc. node	-4702 Apr 11 j 06:48	10°♓15'06	
superior conj	-4702 Apr 13 j 22:36	16°♓02'58	0°27'18
minimum elong	-4702 Apr 13 j 21:25	15°♓56'33	0°26'58
max. Earth dist.	-4702 Apr 14 j 17:06	17°♓43'49	1.32831 AU
	-4702 Apr 20 j 10:54	0°♈	
evening rise	-4702 Apr 21 j 02:46	1°♈22'10	
	-4702 May 06 j 21:35	0°♉	
evening max el	-4702 May 22 j 07:27	19°♉38'59	27°06'32
desc. node	-4702 May 24 j 06:16	21°♉25'15	
retrograde	-4702 Jun 05 j 06:25	27°♉01'26	
evening set	-4702 Jun 12 j 04:16	24°♉50'12	
min. Earth dist.	-4702 Jun 15 j 20:52	22°♉03'59	0.61367 AU
inferior conj	-4702 Jun 19 j 01:48	19°♉13'01	-4°-12'-13
minimum elong	-4702 Jun 19 j 03:09	19°♉10'01	4°11'59
morning rise	-4702 Jun 26 j 04:51	14°♉18'50	
direct	-4702 Jun 28 j 17:20	13°♉52'18	
morning max el	-4702 Jul 05 j 15:42	17°♉18'41	18°01'44
asc. node	-4702 Jul 08 j 06:34	20°♉14'41	
	-4702 Jul 14 j 16:47	0°♊	
morning set	-4702 Jul 21 j 16:48	12°♊34'02	
	-4702 Jul 31 j 08:10	0°♋	
superior conj	-4702 Aug 01 j 04:04	1°♋27'17	1°40'19
minimum elong	-4702 Aug 01 j 07:38	1°♋42'56	1°40'20
max. Earth dist.	-4702 Aug 08 j 14:54	14°♋09'15	1.42071 AU
evening rise	-4702 Aug 15 j 01:49	24°♋38'09	
	-4702 Aug 18 j 11:38	0°♌	
desc. node	-4702 Aug 20 j 05:16	2°♌41'13	
	-4702 Sep 08 j 01:39	0°♍	
greatest brilliancy	-4702 Sep 11 j 16:45	4°♍38'27	-0.4m
evening max el	-4702 Sep 16 j 11:02	10°♍01'54	22°05'56
retrograde	-4702 Sep 25 j 18:15	15°♍33'19	
evening set	-4702 Sep 30 j 03:46	13°♍48'51	
asc. node	-4702 Oct 04 j 05:36	9°♍16'33	
inferior conj	-4702 Oct 05 j 12:21	7°♍31'21	0°26'12
minimum elong	-4702 Oct 05 j 11:45	7°♍33'27	0°26'03
min. Earth dist.	-4702 Oct 05 j 14:32	7°♍23'50	0.67345 AU
morning rise	-4702 Oct 10 j 19:34	1°♍14'19	
	-4702 Oct 12 j 16:33	30°℞♌	
direct	-4702 Oct 15 j 11:33	29°♌19'54	
	-4702 Oct 18 j 11:15	0°♍	
morning max el	-4702 Oct 25 j 06:30	5°♍10'10	22°42'08
greatest brilliancy	-4702 Oct 30 j 00:25	10°♍30'47	-0.3m
	-4702 Nov 13 j 06:05	0°♎	
desc. node	-4702 Nov 16 j 05:18	4°♎25'11	
morning set	-4702 Nov 28 j 02:03	23°♎02'08	
	-4702 Dec 02 j 06:35	0°♏	
max. Earth dist.	-4702 Dec 03 j 06:05	1°♏39'44	1.40381 AU
superior conj	-4702 Dec 11 j 00:02	15°♏16'36	-1°-52'-54
minimum elong	-4702 Dec 10 j 23:08	15°♏12'32	1°53'05
	-4702 Dec 18 j 22:11	0°♐	
evening rise	-4702 Dec 20 j 20:49	3°♐40'46	
asc. node	-4702 Dec 31 j 04:20	22°♐04'58	
evening max el	-4701 Jan 06 j 01:51	29°♐39'59	18°22'33
	-4701 Jan 06 j 10:16	0°♑	
retrograde	-4701 Jan 13 j 10:18	3°♑18'15	
evening set	-4701 Jan 15 j 22:34	2°♑53'56	
	-4701 Jan 21 j 01:06	30°℞♐	
inferior conj	-4701 Jan 23 j 05:20	28°♐14'59	3°59'50
minimum elong	-4701 Jan 23 j 06:57	28°♐11'36	3°59'30
min. Earth dist.	-4701 Jan 26 j 13:55	25°♐28'37	0.59344 AU
morning rise	-4701 Jan 30 j 12:07	22°♐47'19	
direct	-4701 Feb 05 j 22:24	20°♐58'24	
desc. node	-4701 Feb 12 j 04:53	22°♐35'28	
morning max el	-4701 Feb 20 j 03:52	28°♐32'42	26°54'17
	-4701 Feb 21 j 14:34	0°♑	
	-4701 Mar 14 j 06:18	0°♒	
morning set	-4701 Mar 22 j 07:56	15°♒48'27	
	-4701 Mar 28 j 22:30	0°♓	
superior conj	-4701 Mar 29 j 10:19	1°♓04'39	0°02'52
minimum elong	-4701 Mar 29 j 10:12	1°♓04'01	0°02'42
behind sun begin	-4701 Mar 29 j 05:15	0°♓36'59	
behind sun end	-4701 Mar 29 j 15:08	1°♓31'02	
asc. node	-4701 Mar 29 j 03:45	0°♓28'43	
max. Earth dist.	-4701 Mar 29 j 06:34	0°♓44'09	1.32599 AU
evening rise	-4701 Apr 05 j 11:10	16°♓14'56	
	-4701 Apr 12 j 09:40	0°♈	
	-4701 May 02 j 21:48	0°♉	
evening max el	-4701 May 04 j 07:38	1°♉24'00	26°15'29
desc. node	-4701 May 11 j 03:25	6°♉37'11	
retrograde	-4701 May 18 j 09:47	8°♉42'31	
evening set	-4701 May 24 j 14:24	7°♉06'51	
min. Earth dist.	-4701 May 28 j 20:27	4°♉24'48	0.59326 AU
inferior conj	-4701 Jun 01 j 05:38	1°♉48'06	-4°-9'-58
minimum elong	-4701 Jun 01 j 03:58	1°♉51'22	4°09'45
	-4701 Jun 03 j 15:22	30°℞♈	
morning rise	-4701 Jun 08 j 21:18	27°♈16'08	
direct	-4701 Jun 11 j 08:37	26°♈54'42	
	-4701 Jun 18 j 09:45	0°♉	
morning max el	-4701 Jun 19 j 01:15	0°♉35'17	18°25'23
asc. node	-4701 Jun 25 j 03:35	8°♉17'38	
morning set	-4701 Jul 05 j 03:17	26°♉07'00	
	-4701 Jul 07 j 03:59	0°♊	
superior conj	-4701 Jul 14 j 10:02	13°♊40'37	1°49'00
minimum elong	-4701 Jul 14 j 10:48	13°♊44'09	1°49'13
max. Earth dist.	-4701 Jul 21 j 19:01	26°♊51'09	1.40215 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4701 Jul 23 j 15:03	0°♋		
evening rise	-4701 Jul 26 j 08:59	4°♋37'05		
desc. node	-4701 Aug 07 j 02:15	23°♋10'12		
	-4701 Aug 11 j 17:02	0°♌		
evening max el	-4701 Aug 30 j 00:45	23°♌26'58	23°26'18	
retrograde	-4701 Sep 09 j 11:08	29°♌37'27		
evening set	-4701 Sep 14 j 10:48	27°♌33'05		
inferior conj	-4701 Sep 19 j 18:55	21°♌12'45	0°-27'-4	
minimum elong	-4701 Sep 19 j 19:33	21°♌10'37	0°26'39	
min. Earth dist.	-4701 Sep 19 j 10:53	21°♌40'20	0.67374 AU	
asc. node	-4701 Sep 21 j 02:45	19°♌24'55		
morning rise	-4701 Sep 25 j 04:22	14°♌59'21		
direct	-4701 Sep 29 j 06:32	13°♌25'52		
morning max el	-4701 Oct 07 j 22:32	18°♌33'27	21°20'15	
greatest brilliancy	-4701 Oct 13 j 06:40	24°♌45'25	-0.4m	
	-4701 Oct 17 j 05:34	0°♍		
desc. node	-4701 Nov 03 j 02:12	24°♍48'03		
	-4701 Nov 06 j 10:37	0°♎		
morning set	-4701 Nov 07 j 14:24	1°♎48'55		
max. Earth dist.	-4701 Nov 15 j 08:56	14°♎17'25	1.42281 AU	
superior conj	-4701 Nov 22 j 14:15	26°♎24'11	-1°-42'-42	
minimum elong	-4701 Nov 22 j 09:51	26°♎05'17	1°42'32	
	-4701 Nov 24 j 16:13	0°♏		
evening rise	-4701 Dec 03 j 21:25	16°♏25'17		
	-4701 Dec 11 j 12:34	0°♐		
asc. node	-4701 Dec 18 j 01:27	9°♐56'13		
evening max el	-4701 Dec 20 j 11:56	12°♐42'19	18°08'23	
retrograde	-4701 Dec 27 j 06:14	16°♐11'12		
evening set	-4701 Dec 29 j 20:57	15°♐40'14		
inferior conj	-4700 Jan 05 j 14:58	10°♐39'30	4°03'43	
minimum elong	-4700 Jan 05 j 13:56	10°♐41'59	4°03'27	
min. Earth dist.	-4700 Jan 08 j 16:05	7°♐45'41	0.61335 AU	
morning rise	-4700 Jan 12 j 04:29	4°♐55'08		
direct	-4700 Jan 19 j 03:56	2°♐31'47		
desc. node	-4700 Jan 30 j 01:58	7°♐23'41		
morning max el	-4700 Feb 02 j 05:17	10°♐13'03	27°34'47	
	-4700 Feb 17 j 15:53	0°♑		
	-4700 Mar 05 j 08:20	0°♒		
morning set	-4700 Mar 05 j 14:35	0°♒31'58		
max. Earth dist.	-4700 Mar 11 j 18:50	13°♒37'30	1.32712 AU	
superior conj	-4700 Mar 12 j 21:30	16°♒02'29	0°-22'-2	
minimum elong	-4700 Mar 12 j 22:29	16°♒07'51	0°22'01	
asc. node	-4700 Mar 15 j 00:45	20°♒41'49		
	-4700 Mar 19 j 08:20	0°♓		
evening rise	-4700 Mar 19 j 22:07	1°♓12'44		
	-4700 Apr 04 j 20:00	0°♈		
evening max el	-4700 Apr 15 j 02:03	12°♈30'28	24°58'04	
desc. node	-4700 Apr 27 j 00:36	19°♈27'43		
retrograde	-4700 Apr 29 j 02:53	19°♈37'59		
evening set	-4700 May 04 j 03:13	18°♈40'07		
min. Earth dist.	-4700 May 09 j 14:25	15°♈45'46	0.57399 AU	
inferior conj	-4700 May 12 j 14:15	13°♈45'25	-3°-36'-24	
minimum elong	-4700 May 12 j 09:25	13°♈53'36	3°35'30	
morning rise	-4700 May 20 j 19:50	9°♈33'27		
direct	-4700 May 23 j 06:23	9°♈16'04		
morning max el	-4700 Jun 01 j 03:51	13°♈25'16	19°09'13	
asc. node	-4700 Jun 11 j 00:34	27°♈01'54		
	-4700 Jun 12 j 16:18	0°♉		
morning set	-4700 Jun 18 j 00:00	10°♉12'37		
superior conj	-4700 Jun 26 j 10:23	26°♉50'35	1°47'07	
minimum elong	-4700 Jun 26 j 09:04	26°♉44'14	1°47'16	
	-4700 Jun 28 j 01:51	0°♊		
max. Earth dist.	-4700 Jul 02 j 20:13	8°♊52'58	1.38273 AU	
evening rise	-4700 Jul 06 j 18:39	15°♊54'03		

	-4700 Jul 15 j 04:55	0°♋		
desc. node	-4700 Jul 23 j 23:17	13°♋25'21		
	-4700 Aug 05 j 06:23	0°♌		
evening max el	-4700 Aug 11 j 11:43	6°♌54'58	24°46'00	
retrograde	-4700 Aug 23 j 00:10	13°♌38'55		
evening set	-4700 Aug 28 j 14:56	11°♌15'36		
min. Earth dist.	-4700 Sep 02 j 05:38	5°♌58'07	0.67101 AU	
inferior conj	-4700 Sep 03 j 00:16	4°♌56'01	-1°-19'-43	
minimum elong	-4700 Sep 03 j 02:06	4°♌49'55	1°18'47	
asc. node	-4700 Sep 06 j 23:53	0°♌08'24		
	-4700 Sep 07 j 03:24	30°♋		
morning rise	-4700 Sep 08 j 13:36	28°♋49'27		
direct	-4700 Sep 12 j 03:59	27°♋34'36		
	-4700 Sep 17 j 15:31	0°♌		
morning max el	-4700 Sep 19 j 21:29	2°♌04'31	20°08'30	
greatest brilliancy	-4700 Sep 27 j 01:05	10°♌52'38	-0.6m	
	-4700 Oct 10 j 00:28	0°♍		
morning set	-4700 Oct 16 j 13:00	10°♍01'57		
desc. node	-4700 Oct 19 j 23:06	15°♍21'17		
max. Earth dist.	-4700 Oct 27 j 18:49	27°♍42'42	1.43763 AU	
	-4700 Oct 29 j 05:03	0°♎		
superior conj	-4700 Nov 02 j 01:22	6°♎14'07	-1°-16'-38	
minimum elong	-4700 Nov 01 j 18:39	5°♎46'40	1°15'57	
evening rise	-4700 Nov 15 j 04:46	28°♎20'08		
	-4700 Nov 16 j 03:57	0°♏		
evening max el	-4700 Dec 03 j 00:31	25°♏57'55	18°13'30	
asc. node	-4700 Dec 03 j 22:36	26°♏50'43		
retrograde	-4700 Dec 09 j 13:49	29°♏29'10		
evening set	-4700 Dec 12 j 07:53	28°♏50'09		
inferior conj	-4700 Dec 18 j 15:34	23°♏28'49	3°46'33	
minimum elong	-4700 Dec 18 j 12:55	23°♏35'58	3°45'57	
min. Earth dist.	-4700 Dec 21 j 03:25	20°♏48'21	0.63167 AU	
morning rise	-4700 Dec 24 j 16:14	17°♏32'23		
direct	-4700 Dec 31 j 17:37	14°♏48'04		
morning max el	-4699 Jan 14 j 11:45	22°♏30'59	27°39'16	
desc. node	-4699 Jan 15 j 23:01	24°♏00'40		
	-4699 Jan 21 j 03:57	0°♐		
	-4699 Feb 09 j 19:08	0°♑		
morning set	-4699 Feb 17 j 15:11	14°♑53'36		
max. Earth dist.	-4699 Feb 23 j 02:03	26°♑10'00	1.33194 AU	
	-4699 Feb 24 j 21:09	0°♒		
superior conj	-4699 Feb 25 j 06:24	0°♒49'41	0°-46'-29	
minimum elong	-4699 Feb 25 j 08:24	1°♒00'27	0°46'19	
asc. node	-4699 Mar 01 j 21:46	10°♒49'47		
evening rise	-4699 Mar 04 j 09:44	16°♒08'31		
	-4699 Mar 11 j 09:02	0°♓		
evening max el	-4699 Mar 27 j 18:15	23°♓15'58	23°25'59	
retrograde	-4699 Apr 10 j 07:07	29°♓57'43		
desc. node	-4699 Apr 13 j 21:46	29°♓29'08		
evening set	-4699 Apr 14 j 00:07	29°♓27'36		
min. Earth dist.	-4699 Apr 21 j 05:34	26°♓09'13	0.55930 AU	
inferior conj	-4699 Apr 23 j 03:07	25°♓01'28	-2°-23'-54	
minimum elong	-4699 Apr 22 j 21:40	25°♓09'36	2°22'24	
morning rise	-4699 May 01 j 22:30	21°♓02'10		
direct	-4699 May 04 j 09:49	20°♓47'00		
morning max el	-4699 May 14 j 20:54	25°♓39'23	20°13'18	
	-4699 May 18 j 19:46	0°♈		
asc. node	-4699 May 28 j 21:33	16°♈17'42		
morning set	-4699 Jun 02 j 03:53	24°♈43'12		
	-4699 Jun 04 j 17:58	0°♉		
superior conj	-4699 Jun 10 j 00:03	10°♉42'54	1°37'26	
minimum elong	-4699 Jun 09 j 21:37	10°♉30'40	1°37'23	
max. Earth dist.	-4699 Jun 15 j 01:06	20°♉39'09	1.36482 AU	
evening rise	-4699 Jun 19 j 03:28	28°♉21'11		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4699 Jun 20 j 01:08	0°♊	
	-4699 Jul 08 j 11:55	0°♋	
desc. node	-4699 Jul 10 j 20:22	3°♋20'15	
evening max el	-4699 Jul 24 j 22:30	20°♋26'07	25°57'05
retrograde	-4699 Aug 06 j 08:37	27°♋33'15	
evening set	-4699 Aug 12 j 14:09	24°♋54'38	
min. Earth dist.	-4699 Aug 16 j 20:17	20°♋15'11	0.66501 AU
inferior conj	-4699 Aug 18 j 02:36	18°♋39'08	-2°-10'-1
minimum elong	-4699 Aug 18 j 05:28	18°♋30'04	2°08'47
morning rise	-4699 Aug 23 j 21:26	12°♋42'51	
asc. node	-4699 Aug 24 j 20:59	12°♋12'05	
direct	-4699 Aug 27 j 02:18	11°♋43'36	
morning max el	-4699 Sep 03 j 03:20	15°♋43'47	19°10'39
	-4699 Sep 13 j 19:13	0°♌	
morning set	-4699 Sep 25 j 21:17	18°♌49'04	
	-4699 Oct 03 j 00:03	0°♍	
desc. node	-4699 Oct 06 j 20:01	6°♍01'34	
max. Earth dist.	-4699 Oct 10 j 10:40	11°♍43'08	1.44631 AU
superior conj	-4699 Oct 12 j 11:11	14°♍55'03	0°-35'-2
minimum elong	-4699 Oct 12 j 06:49	14°♍37'45	0°34'25
	-4699 Oct 21 j 21:27	0°♎	
evening rise	-4699 Oct 27 j 14:10	9°♎16'40	
	-4699 Nov 09 j 10:18	0°♏	
evening max el	-4699 Nov 16 j 12:53	9°♏21'15	18°36'53
asc. node	-4699 Nov 20 j 19:45	12°♏33'40	
retrograde	-4699 Nov 23 j 05:05	13°♏04'49	
evening set	-4699 Nov 26 j 04:00	12°♏15'58	
inferior conj	-4699 Dec 02 j 03:28	6°♏36'24	3°15'14
minimum elong	-4699 Dec 02 j 00:15	6°♏45'58	3°14'18
min. Earth dist.	-4699 Dec 04 j 00:37	4°♏22'56	0.64692 AU
morning rise	-4699 Dec 07 j 19:18	0°♏30'39	
	-4699 Dec 08 j 10:33	30°℞♎	
direct	-4699 Dec 14 j 14:00	27°♎40'49	
	-4699 Dec 21 j 10:19	0°♏	
morning max el	-4699 Dec 27 j 21:00	5°♏18'39	27°09'50
desc. node	-4698 Jan 02 j 20:02	11°♏55'30	
	-4698 Jan 15 j 19:33	0°♐	
morning set	-4698 Feb 01 j 06:45	28°♐43'29	
	-4698 Feb 01 j 22:27	0°♑	
max. Earth dist.	-4698 Feb 06 j 00:35	8°♑11'25	1.34088 AU
superior conj	-4698 Feb 09 j 11:04	15°♑19'40	-1°-9'-25
minimum elong	-4698 Feb 09 j 13:50	15°♑34'14	1°09'13
	-4698 Feb 16 j 09:34	0°♒	
evening rise	-4698 Feb 16 j 20:17	0°♒55'59	
asc. node	-4698 Feb 16 j 18:47	0°♒48'11	
	-4698 Mar 05 j 19:14	0°♓	
evening max el	-4698 Mar 09 j 13:59	4°♓06'01	21°53'05
retrograde	-4698 Mar 21 j 23:50	10°♓05'19	
evening set	-4698 Mar 24 j 18:06	9°♓48'20	
desc. node	-4698 Mar 31 j 18:57	7°♓00'07	
inferior conj	-4698 Apr 03 j 01:32	5°♓44'21	0°-37'-31
minimum elong	-4698 Apr 02 j 23:48	5°♓46'48	0°37'03
min. Earth dist.	-4698 Apr 02 j 19:36	5°♓52'43	0.55228 AU
morning rise	-4698 Apr 12 j 06:22	1°♓44'10	
direct	-4698 Apr 15 j 00:17	1°♓27'20	
morning max el	-4698 Apr 27 j 03:00	7°♓11'49	21°35'53
	-4698 May 12 j 18:07	0°♈	
asc. node	-4698 May 15 j 18:31	5°♈56'33	
morning set	-4698 May 17 j 12:30	9°♈31'09	
superior conj	-4698 May 24 j 23:00	25°♈05'21	1°22'09
minimum elong	-4698 May 24 j 20:17	24°♈51'09	1°21'52
	-4698 May 27 j 08:07	0°♉	
max. Earth dist.	-4698 May 28 j 14:38	2°♉35'01	1.34996 AU
evening rise	-4698 Jun 02 j 05:53	11°♉42'31	

	-4698 Jun 12 j 10:57	0°♊	
desc. node	-4698 Jun 27 j 17:27	22°♊45'23	
	-4698 Jul 03 j 16:37	0°♋	
evening max el	-4698 Jul 07 j 09:46	3°♋53'17	26°51'23
retrograde	-4698 Jul 20 j 11:54	11°♋13'20	
evening set	-4698 Jul 27 j 06:06	8°♋26'27	
min. Earth dist.	-4698 Jul 31 j 04:23	4°♋26'06	0.65537 AU
inferior conj	-4698 Aug 01 j 23:50	2°♋18'04	-2°-56'-3
minimum elong	-4698 Aug 02 j 03:21	2°♋07'40	2°54'48
	-4698 Aug 04 j 00:09	30°℞♊	
morning rise	-4698 Aug 08 j 01:43	26°♊35'27	
direct	-4698 Aug 10 j 23:19	25°♊48'43	
asc. node	-4698 Aug 11 j 18:03	25°♊52'05	
morning max el	-4698 Aug 17 j 14:32	29°♊27'56	18°28'41
	-4698 Aug 18 j 02:51	0°♋	
morning set	-4698 Sep 06 j 06:17	28°♋49'07	
	-4698 Sep 06 j 23:42	0°♌	
superior conj	-4698 Sep 21 j 10:31	23°♌10'19	0°14'17
minimum elong	-4698 Sep 21 j 12:23	23°♌17'39	0°14'11
behind sun begin	-4698 Sep 21 j 06:44	22°♌55'21	
behind sun end	-4698 Sep 21 j 18:01	23°♌39'56	
max. Earth dist.	-4698 Sep 23 j 04:56	25°♌57'49	1.44775 AU
desc. node	-4698 Sep 23 j 16:56	26°♌45'05	
	-4698 Sep 25 j 18:25	0°♍	
evening rise	-4698 Oct 07 j 22:28	19°♍08'26	
	-4698 Oct 14 j 20:09	0°♎	
greatest brilliancy	-4698 Oct 20 j 11:39	8°♎44'30	-0.7m
evening max el	-4698 Oct 30 j 22:27	22°♎47'37	19°17'26
retrograde	-4698 Nov 07 j 00:42	26°♎52'36	
asc. node	-4698 Nov 07 j 16:52	26°♎49'59	
evening set	-4698 Nov 10 j 06:23	25°♎51'37	
inferior conj	-4698 Nov 15 j 23:32	19°♎56'56	2°34'28
minimum elong	-4698 Nov 15 j 20:31	20°♎06'33	2°33'26
min. Earth dist.	-4698 Nov 17 j 06:53	18°♎17'07	0.65857 AU
morning rise	-4698 Nov 21 j 09:48	13°♎44'19	
direct	-4698 Nov 27 j 16:23	11°♎01'35	
morning max el	-4698 Dec 10 j 06:43	18°♎24'32	26°12'49
	-4698 Dec 20 j 03:21	0°♏	
desc. node	-4698 Dec 20 j 17:01	0°♏45'20	
	-4697 Jan 08 j 18:59	0°♐	
morning set	-4697 Jan 15 j 09:20	11°♐49'43	
max. Earth dist.	-4697 Jan 19 j 11:51	19°♐39'34	1.35421 AU
superior conj	-4697 Jan 24 j 09:08	29°♐25'09	-1°-29'-27
minimum elong	-4697 Jan 24 j 12:10	29°♐40'37	1°29'21
	-4697 Jan 24 j 15:58	0°♑	
evening rise	-4697 Feb 01 j 03:57	15°♑29'04	
asc. node	-4697 Feb 03 j 15:49	20°♑32'08	
	-4697 Feb 08 j 15:46	0°♒	
evening max el	-4697 Feb 19 j 18:20	15°♒22'58	20°30'48
retrograde	-4697 Mar 02 j 14:10	20°♒31'22	
evening set	-4697 Mar 04 j 23:02	20°♒17'36	
inferior conj	-4697 Mar 13 j 21:59	16°♒19'24	1°17'20
minimum elong	-4697 Mar 14 j 01:18	16°♒14'33	1°16'04
min. Earth dist.	-4697 Mar 15 j 09:42	15°♒27'11	0.55442 AU
desc. node	-4697 Mar 18 j 16:06	13°♒40'34	
morning rise	-4697 Mar 23 j 01:36	12°♒00'23	
direct	-4697 Mar 26 j 13:30	11°♒33'47	
morning max el	-4697 Apr 08 j 23:33	18°♒07'55	23°11'31
	-4697 Apr 18 j 14:35	0°♓	
morning set	-4697 May 01 j 23:50	24°♓30'16	
asc. node	-4697 May 02 j 15:29	25°♓52'17	
	-4697 May 04 j 14:14	0°♈	
superior conj	-4697 May 09 j 04:18	9°♈48'58	1°02'52
minimum elong	-4697 May 09 j 01:52	9°♈36'02	1°02'29

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4697 May 11 j 13:59	14°♈54'25	1.33875 AU
evening rise	-4697 May 16 j 21:04	25°♈44'15	
	-4697 May 19 j 01:25	0°♉	
	-4697 Jun 05 j 20:57	0°♊	
desc. node	-4697 Jun 14 j 14:33	11°♊28'09	
evening max el	-4697 Jun 19 j 20:37	17°♊06'15	27°21'20
retrograde	-4697 Jul 03 j 09:48	24°♊31'21	
evening set	-4697 Jul 10 j 11:52	21°♊47'15	
min. Earth dist.	-4697 Jul 14 j 04:00	18°♊23'11	0.64187 AU
inferior conj	-4697 Jul 16 j 13:35	15°♊48'33	-3°-35'-7
minimum elong	-4697 Jul 16 j 17:07	15°♊39'02	3°34'09
morning rise	-4697 Jul 23 j 00:03	10°♊22'48	
direct	-4697 Jul 25 j 16:34	9°♊45'44	
asc. node	-4697 Jul 29 j 15:06	11°♊04'30	
morning max el	-4697 Aug 01 j 04:46	13°♊12'46	18°03'49
	-4697 Aug 12 j 19:41	0°♋	
morning set	-4697 Aug 18 j 17:56	10°♋04'56	
	-4697 Aug 30 j 15:31	0°♌	
superior conj	-4697 Aug 31 j 22:15	2°♌05'10	0°58'32
minimum elong	-4697 Sep 01 j 04:00	2°♌28'27	0°58'04
max. Earth dist.	-4697 Sep 05 j 21:48	10°♌05'52	1.44195 AU
desc. node	-4697 Sep 10 j 13:50	17°♌28'49	
evening rise	-4697 Sep 17 j 09:00	28°♌04'16	
	-4697 Sep 18 j 14:58	0°♍	
greatest brilliancy	-4697 Oct 07 j 07:19	27°♍50'21	-0.6m
	-4697 Oct 08 j 21:51	0°♎	
evening max el	-4697 Oct 14 j 03:06	6°♎13'55	20°13'24
retrograde	-4697 Oct 21 j 21:53	10°♎48'08	
evening set	-4697 Oct 25 j 12:34	9°♎32'24	
asc. node	-4697 Oct 25 j 13:59	9°♎29'53	
inferior conj	-4697 Oct 31 j 01:07	3°♎26'08	1°47'27
minimum elong	-4697 Oct 30 j 22:48	3°♎33'51	1°46'35
min. Earth dist.	-4697 Oct 31 j 20:15	2°♎22'04	0.66679 AU
	-4697 Nov 02 j 16:21	30°℞♍	
morning rise	-4697 Nov 05 j 08:29	27°♍09'17	
direct	-4697 Nov 11 j 00:21	24°♍42'10	
	-4697 Nov 20 j 23:15	0°♎	
morning max el	-4697 Nov 22 j 15:39	1°♎37'26	24°56'49
desc. node	-4697 Dec 07 j 13:57	20°♎13'29	
	-4697 Dec 14 j 05:05	0°♏	
morning set	-4697 Dec 28 j 17:33	23°♏56'14	
	-4696 Jan 01 j 02:06	0°♐	
max. Earth dist.	-4696 Jan 01 j 12:24	0°♐47'23	1.37169 AU
superior conj	-4696 Jan 07 j 21:31	12°♐56'16	-1°-44'-46
minimum elong	-4696 Jan 07 j 23:59	13°♐08'23	1°44'51
evening rise	-4696 Jan 16 j 06:33	29°♐40'24	
	-4696 Jan 16 j 10:29	0°♑	
asc. node	-4696 Jan 21 j 12:52	9°♑54'58	
evening max el	-4696 Feb 02 j 09:10	27°♑15'01	19°25'30
	-4696 Feb 05 j 23:06	0°♒	
retrograde	-4696 Feb 11 j 13:49	1°♒37'02	
evening set	-4696 Feb 13 j 22:21	1°♒21'07	
	-4696 Feb 17 j 14:35	30°℞♑	
inferior conj	-4696 Feb 22 j 05:55	27°♑13'37	2°49'38
minimum elong	-4696 Feb 22 j 11:02	27°♑05'12	2°48'09
min. Earth dist.	-4696 Feb 25 j 00:30	25°♑24'45	0.56524 AU
morning rise	-4696 Mar 01 j 20:04	22°♑25'16	
desc. node	-4696 Mar 04 j 13:14	21°♑44'03	
direct	-4696 Mar 06 j 12:39	21°♑34'59	
morning max el	-4696 Mar 20 j 14:52	28°♑44'38	24°49'41
	-4696 Mar 21 j 21:12	0°♒	
	-4696 Apr 10 j 18:59	0°♓	
morning set	-4696 Apr 15 j 12:07	9°♓33'23	
asc. node	-4696 Apr 18 j 12:27	15°♓58'38	
superior conj	-4696 Apr 22 j 13:34	24°♓45'05	0°40'51
minimum elong	-4696 Apr 22 j 11:51	24°♓35'48	0°40'28
max. Earth dist.	-4696 Apr 23 j 21:22	27°♓37'06	1.33113 AU
	-4696 Apr 24 j 23:58	0°♈	
evening rise	-4696 Apr 29 j 21:10	10°♈13'36	
	-4696 May 10 j 09:11	0°♉	
desc. node	-4696 May 31 j 11:40	29°♉10'34	
evening max el	-4696 Jun 01 j 05:10	29°♉53'15	27°21'21
	-4696 Jun 01 j 08:00	0°♊	
retrograde	-4696 Jun 15 j 01:42	7°♊18'06	
evening set	-4696 Jun 22 j 03:50	4°♊50'51	
min. Earth dist.	-4696 Jun 25 j 18:03	1°♊54'34	0.62472 AU
	-4696 Jun 27 j 18:06	30°℞♉	
inferior conj	-4696 Jun 28 j 16:57	29°♉04'38	-4°-3'-17
minimum elong	-4696 Jun 28 j 19:28	28°♉58'34	4°02'47
morning rise	-4696 Jul 05 j 13:31	23°♉58'18	
direct	-4696 Jul 08 j 02:52	23°♉28'33	
morning max el	-4696 Jul 14 j 19:23	26°♉52'37	17°57'04
asc. node	-4696 Jul 15 j 12:09	27°♉35'33	
	-4696 Jul 17 j 13:12	0°♊	
morning set	-4696 Jul 31 j 03:57	22°♊24'51	
	-4696 Aug 04 j 10:07	0°♋	
superior conj	-4696 Aug 11 j 12:08	12°♋18'02	1°29'21
minimum elong	-4696 Aug 11 j 17:13	12°♋39'35	1°29'09
max. Earth dist.	-4696 Aug 18 j 10:29	23°♋49'59	1.42983 AU
	-4696 Aug 22 j 06:19	0°♌	
evening rise	-4696 Aug 26 j 12:45	6°♌44'07	
desc. node	-4696 Aug 27 j 10:46	8°♌09'53	
	-4696 Sep 10 j 23:01	0°♍	
greatest brilliancy	-4696 Sep 20 j 21:05	13°♍38'39	-0.4m
evening max el	-4696 Sep 26 j 01:42	19°♍39'27	21°22'13
retrograde	-4696 Oct 04 j 18:33	24°♍49'02	
evening set	-4696 Oct 08 j 20:30	23°♍15'52	
asc. node	-4696 Oct 11 j 11:07	20°♍40'42	
inferior conj	-4696 Oct 14 j 06:05	17°♍01'34	0°56'34
minimum elong	-4696 Oct 14 j 04:48	17°♍05'59	0°56'06
min. Earth dist.	-4696 Oct 14 j 14:17	16°♍33'22	0.67184 AU
morning rise	-4696 Oct 19 j 12:46	10°♍43'35	
direct	-4696 Oct 24 j 13:21	8°♍36'33	
morning max el	-4696 Nov 04 j 00:52	14°♍52'30	23°31'38
	-4696 Nov 16 j 08:28	0°♎	
desc. node	-4696 Nov 23 j 10:53	10°♎08'58	
	-4696 Dec 06 j 04:15	0°♏	
morning set	-4696 Dec 09 j 01:20	4°♏47'20	
max. Earth dist.	-4696 Dec 13 j 08:02	12°♏08'07	1.39192 AU
superior conj	-4696 Dec 20 j 20:11	25°♏42'37	-1°-52'-49
minimum elong	-4696 Dec 20 j 20:55	25°♏46'01	1°53'02
	-4696 Dec 23 j 02:52	0°♐	
evening rise	-4696 Dec 30 j 01:39	13°♐23'47	
asc. node	-4695 Jan 07 j 09:56	28°♐49'40	
	-4695 Jan 08 j 02:52	0°♑	
evening max el	-4695 Jan 15 j 09:32	9°♑40'31	18°39'45
retrograde	-4695 Jan 23 j 06:45	13°♑29'50	
evening set	-4695 Jan 25 j 17:45	13°♑08'56	
inferior conj	-4695 Feb 02 j 09:04	8°♑42'49	3°44'31
minimum elong	-4695 Feb 02 j 12:23	8°♑36'29	3°43'50
min. Earth dist.	-4695 Feb 05 j 17:15	6°♑11'13	0.58229 AU
morning rise	-4695 Feb 10 j 03:24	3°♑27'43	
direct	-4695 Feb 16 j 01:08	2°♑01'02	
desc. node	-4695 Feb 19 j 10:22	2°♑29'10	
morning max el	-4695 Mar 02 j 06:58	9°♑29'15	26°15'44
	-4695 Mar 17 j 21:02	0°♒	
morning set	-4695 Mar 30 j 23:40	24°♒34'19	
	-4695 Apr 02 j 13:01	0°♓	
asc. node	-4695 Apr 05 j 09:26	6°♓11'01	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4695 Apr 07 j 00:55	9°♓46'48	0°17'02
minimum elong	-4695 Apr 07 j 00:10	9°♓42'45	0°16'46
max. Earth dist.	-4695 Apr 07 j 09:40	10°♓34'38	1.32696 AU
evening rise	-4695 Apr 14 j 03:15	25°♓00'42	
	-4695 Apr 16 j 13:56	0°♈	
	-4695 May 04 j 04:39	0°♉	
evening max el	-4695 May 14 j 09:08	12°♉03'31	26°48'34
desc. node	-4695 May 18 j 08:50	15°♉27'06	
retrograde	-4695 May 28 j 10:06	19°♉24'41	
evening set	-4695 Jun 04 j 01:52	17°♉27'58	
min. Earth dist.	-4695 Jun 07 j 22:40	14°♉45'18	0.60500 AU
inferior conj	-4695 Jun 11 j 06:28	11°♉57'50	-4°-14'-29
minimum elong	-4695 Jun 11 j 06:39	11°♉57'27	4°14'21
morning rise	-4695 Jun 18 j 14:40	7°♉12'52	
direct	-4695 Jun 21 j 02:29	6°♉48'40	
morning max el	-4695 Jun 28 j 07:33	10°♉19'56	18°09'20
asc. node	-4695 Jul 02 j 09:11	15°♉09'13	
	-4695 Jul 11 j 06:47	0°♊	
morning set	-4695 Jul 14 j 06:53	5°♊34'49	
superior conj	-4695 Jul 24 j 04:50	23°♊50'46	1°45'29
minimum elong	-4695 Jul 24 j 07:10	24°♊01'16	1°45'37
	-4695 Jul 27 j 16:26	0°♋	
max. Earth dist.	-4695 Jul 31 j 17:44	6°♋56'58	1.41306 AU
evening rise	-4695 Aug 06 j 06:04	16°♋03'22	
desc. node	-4695 Aug 14 j 07:44	28°♋44'27	
	-4695 Aug 15 j 03:33	0°♌	
greatest brilliancy	-4695 Sep 03 j 23:06	27°♌41'36	-0.3m
	-4695 Sep 05 j 22:03	0°♍	
evening max el	-4695 Sep 08 j 18:19	3°♍04'22	22°39'55
retrograde	-4695 Sep 18 j 13:00	8°♍52'23	
evening set	-4695 Sep 23 j 04:20	6°♍59'42	
asc. node	-4695 Sep 28 j 08:17	0°♍55'32	
inferior conj	-4695 Sep 28 j 12:33	0°♍40'50	0°03'38
minimum elong	-4695 Sep 28 j 12:27	0°♍41'08	0°03'44
transit middle	-4695 Sep 28 j 12:27	0°♍41'08	0°03'44
transit begin	-4695 Sep 28 j 09:50	0°♍50'12	
transit end	-4695 Sep 28 j 15:05	0°♍32'04	
min. Earth dist.	-4695 Sep 28 j 10:28	0°♍48'01	0.67391 AU
	-4695 Sep 29 j 00:23	30°℞♌	
morning rise	-4695 Oct 03 j 20:28	24°♌24'54	
direct	-4695 Oct 08 j 06:29	22°♌39'19	
morning max el	-4695 Oct 17 j 13:22	28°♌10'50	22°06'22
	-4695 Oct 19 j 06:22	0°♍	
greatest brilliancy	-4695 Oct 22 j 08:32	3°♍37'59	-0.4m
desc. node	-4695 Nov 10 j 07:46	0°♎23'18	
	-4695 Nov 10 j 01:39	0°♎	
morning set	-4695 Nov 19 j 04:29	14°♎14'18	
max. Earth dist.	-4695 Nov 25 j 06:59	24°♎14'30	1.41227 AU
	-4695 Nov 28 j 16:33	0°♏	
superior conj	-4695 Dec 02 j 23:54	7°♏30'11	-1°-50'-22
minimum elong	-4695 Dec 02 j 21:33	7°♏19'50	1°50'25
evening rise	-4695 Dec 13 j 10:01	26°♏31'37	
	-4695 Dec 15 j 06:55	0°♐	
asc. node	-4695 Dec 25 j 07:02	17°♐07'04	
evening max el	-4695 Dec 29 j 16:53	22°♐31'36	18°14'09
retrograde	-4694 Jan 05 j 17:52	26°♐03'55	
evening set	-4694 Jan 08 j 07:17	25°♐36'46	
inferior conj	-4694 Jan 15 j 08:18	20°♐48'27	4°04'34
minimum elong	-4694 Jan 15 j 08:42	20°♐47'33	4°04'20
min. Earth dist.	-4694 Jan 18 j 14:46	17°♐56'15	0.60203 AU
morning rise	-4694 Jan 22 j 07:17	15°♐13'22	
direct	-4694 Jan 29 j 00:50	13°♐08'34	
desc. node	-4694 Feb 06 j 07:29	15°♐57'43	
morning max el	-4694 Feb 12 j 04:29	20°♐45'36	27°15'46
	-4694 Feb 20 j 05:09	0°♑	
	-4694 Mar 10 j 15:35	0°♒	
morning set	-4694 Mar 15 j 08:43	9°♒26'44	
max. Earth dist.	-4694 Mar 21 j 23:14	23°♒34'50	1.32611 AU
superior conj	-4694 Mar 22 j 12:39	24°♒48'11	0°-7'-42
minimum elong	-4694 Mar 22 j 13:00	24°♒50'06	0°07'47
behind sun begin	-4694 Mar 22 j 08:36	24°♒26'04	
behind sun end	-4694 Mar 22 j 17:23	25°♒14'07	
asc. node	-4694 Mar 23 j 06:25	26°♒25'22	
	-4694 Mar 24 j 21:42	0°♓	
evening rise	-4694 Mar 29 j 13:02	9°♓57'24	
	-4694 Apr 08 j 23:09	0°♈	
evening max el	-4694 Apr 26 j 06:59	23°♈32'37	25°45'12
desc. node	-4694 May 05 j 06:02	29°♈44'31	
	-4694 May 05 j 22:41	0°♉	
retrograde	-4694 May 10 j 09:09	0°♉46'46	
	-4694 May 14 j 18:43	30°℞♈	
evening set	-4694 May 16 j 02:50	29°♈27'52	
min. Earth dist.	-4694 May 20 j 19:30	26°♈42'21	0.58478 AU
inferior conj	-4694 May 24 j 02:33	24°♈18'57	-4°00'-9
minimum elong	-4694 May 23 j 23:25	24°♈24'42	3°59'44
morning rise	-4694 May 31 j 23:57	19°♈55'43	
direct	-4694 Jun 03 j 11:04	19°♈35'59	
morning max el	-4694 Jun 11 j 14:28	23°♈26'51	18°41'30
	-4694 Jun 16 j 23:44	0°♉	
asc. node	-4694 Jun 19 j 06:13	3°♉31'44	
morning set	-4694 Jun 27 j 22:13	19°♉23'48	
	-4694 Jul 03 j 09:21	0°♊	
superior conj	-4694 Jul 06 j 19:23	6°♊30'46	1°49'19
minimum elong	-4694 Jul 06 j 19:09	6°♊29'41	1°49'32
max. Earth dist.	-4694 Jul 13 j 20:37	19°♊22'59	1.39391 AU
evening rise	-4694 Jul 18 j 00:42	26°♊36'14	
	-4694 Jul 20 j 01:11	0°♋	
desc. node	-4694 Aug 01 j 04:45	19°♋08'37	
	-4694 Aug 08 j 18:16	0°♌	
evening max el	-4694 Aug 22 j 06:40	16°♌31'03	24°00'44
retrograde	-4694 Sep 02 j 04:11	22°♌55'59	
evening set	-4694 Sep 07 j 10:20	20°♌43'14	
inferior conj	-4694 Sep 12 j 18:48	14°♌23'02	0°-49'-34
minimum elong	-4694 Sep 12 j 19:56	14°♌19'09	0°48'55
min. Earth dist.	-4694 Sep 12 j 06:20	15°♌05'20	0.67303 AU
asc. node	-4694 Sep 15 j 05:26	11°♌11'43	
morning rise	-4694 Sep 18 j 05:43	8°♌12'21	
direct	-4694 Sep 22 j 02:41	6°♌47'04	
morning max el	-4694 Sep 30 j 08:13	11°♌37'09	20°48'13
greatest brilliancy	-4694 Oct 06 j 07:19	18°♌41'40	-0.5m
	-4694 Oct 14 j 09:14	0°♍	
desc. node	-4694 Oct 28 j 04:39	20°♍50'58	
morning set	-4694 Oct 29 j 08:22	22°♍38'38	
	-4694 Nov 03 j 00:43	0°♎	
max. Earth dist.	-4694 Nov 07 j 13:25	7°♎15'43	1.42980 AU
superior conj	-4694 Nov 14 j 02:54	18°♎04'58	-1°-33'-42
minimum elong	-4694 Nov 13 j 21:09	17°♎40'51	1°33'17
	-4694 Nov 21 j 02:01	0°♏	
evening rise	-4694 Nov 26 j 03:48	8°♏55'55	
	-4694 Dec 08 j 15:16	0°♐	
asc. node	-4694 Dec 12 j 04:10	4°♐35'42	
evening max el	-4694 Dec 13 j 04:19	5°♐39'58	18°08'15
retrograde	-4694 Dec 19 j 19:24	9°♐08'40	
evening set	-4694 Dec 22 j 11:26	8°♐34'21	
inferior conj	-4694 Dec 29 j 00:44	3°♐24'17	3°58'35
minimum elong	-4694 Dec 28 j 22:53	3°♐28'58	3°58'11
min. Earth dist.	-4694 Dec 31 j 20:27	0°♐34'17	0.62140 AU
	-4693 Jan 01 j 10:49	30°℞♏	
morning rise	-4693 Jan 04 j 08:15	27°♏34'22	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4693 Jan 11 j 09:37	25°♏00'38	
	-4693 Jan 22 j 08:35	0°♐	
desc. node	-4693 Jan 24 j 04:33	1°♐36'26	
morning max el	-4693 Jan 25 j 08:23	2°♐42'42	27°41'16
	-4693 Feb 14 j 13:21	0°♑	
morning set	-4693 Feb 27 j 13:07	24°♑02'17	
	-4693 Mar 02 j 10:16	0°♒	
max. Earth dist.	-4693 Mar 05 j 10:04	6°♒22'23	1.32872 AU
superior conj	-4693 Mar 06 j 23:03	9°♒42'17	0°-32'-30
minimum elong	-4693 Mar 07 j 00:29	9°♒50'05	0°32'25
asc. node	-4693 Mar 10 j 03:24	16°♒36'56	
evening rise	-4693 Mar 14 j 00:29	24°♒55'29	
	-4693 Mar 16 j 11:18	0°♓	
	-4693 Apr 03 j 20:09	0°♈	
evening max el	-4693 Apr 07 j 23:44	4°♈27'12	24°19'48
retrograde	-4693 Apr 21 j 20:44	11°♈25'56	
desc. node	-4693 Apr 22 j 03:15	11°♈25'46	
evening set	-4693 Apr 26 j 07:46	10°♈41'19	
min. Earth dist.	-4693 May 02 j 11:37	7°♈38'21	0.56705 AU
inferior conj	-4693 May 05 j 02:34	5°♈58'46	-3°-10'-33
minimum elong	-4693 May 04 j 20:59	6°♈07'41	3°09'17
morning rise	-4693 May 13 j 14:15	1°♈53'47	
direct	-4693 May 16 j 00:56	1°♈37'36	
morning max el	-4693 May 25 j 13:18	6°♈02'53	19°34'03
asc. node	-4693 Jun 06 j 03:12	22°♈30'37	
	-4693 Jun 10 j 01:42	0°♉	
morning set	-4693 Jun 11 j 22:19	3°♉41'16	
superior conj	-4693 Jun 20 j 02:00	20°♉00'50	1°43'49
minimum elong	-4693 Jun 20 j 00:06	19°♉51'29	1°43'54
	-4693 Jun 25 j 06:35	0°♊	
max. Earth dist.	-4693 Jun 25 j 22:47	1°♊15'46	1.37484 AU
evening rise	-4693 Jun 29 j 20:50	8°♊24'35	
	-4693 Jul 12 j 20:32	0°♋	
desc. node	-4693 Jul 19 j 01:49	9°♋16'21	
evening max el	-4693 Aug 04 j 17:11	0°♌00'13	25°17'40
	-4693 Aug 04 j 17:05	0°♌	
retrograde	-4693 Aug 16 j 15:21	6°♌55'28	
evening set	-4693 Aug 22 j 12:39	4°♌24'40	
	-4693 Aug 26 j 12:11	30°℞♋	
min. Earth dist.	-4693 Aug 26 j 23:32	29°♋23'22	0.66892 AU
inferior conj	-4693 Aug 27 j 23:04	28°♋06'25	-1°-41'-27
minimum elong	-4693 Aug 28 j 01:22	27°♋58'54	1°40'22
asc. node	-4693 Sep 02 j 02:32	22°♋25'23	
morning rise	-4693 Sep 02 j 14:35	22°♋04'06	
direct	-4693 Sep 06 j 00:35	20°♋56'26	
morning max el	-4693 Sep 13 j 10:21	25°♋12'33	19°42'04
	-4693 Sep 17 j 12:39	0°♌	
greatest brilliancy	-4693 Sep 21 j 18:51	5°♌49'44	-0.6m
	-4693 Oct 07 j 17:10	0°♍	
morning set	-4693 Oct 08 j 08:23	0°♍59'07	
desc. node	-4693 Oct 15 j 01:33	11°♍27'49	
max. Earth dist.	-4693 Oct 21 j 02:19	20°♍58'50	1.44211 AU
superior conj	-4693 Oct 25 j 02:19	27°♍22'26	-1°00'-35
minimum elong	-4693 Oct 24 j 19:53	26°♍56'35	0°59'50
	-4693 Oct 26 j 17:24	0°♎	
evening rise	-4693 Nov 08 j 02:24	20°♎27'35	
	-4693 Nov 13 j 18:15	0°♏	
evening max el	-4693 Nov 26 j 17:03	18°♏59'16	18°21'17
asc. node	-4693 Nov 29 j 01:17	21°♏01'50	
retrograde	-4693 Dec 03 j 06:52	22°♏35'04	
evening set	-4693 Dec 06 j 02:40	21°♏52'14	
inferior conj	-4693 Dec 12 j 06:35	16°♏22'40	3°34'42
minimum elong	-4693 Dec 12 j 03:35	16°♏31'08	3°33'57
min. Earth dist.	-4693 Dec 14 j 12:09	13°♏52'22	0.63846 AU

morning rise	-4693 Dec 18 j 03:00	10°♏21'40	
direct	-4693 Dec 25 j 02:13	7°♏33'17	
morning max el	-4692 Jan 07 j 16:36	15°♏15'49	27°30'46
desc. node	-4692 Jan 11 j 01:33	18°♏50'05	
	-4692 Jan 19 j 20:19	0°♐	
	-4692 Feb 07 j 04:02	0°♑	
morning set	-4692 Feb 11 j 10:18	8°♑12'16	
max. Earth dist.	-4692 Feb 16 j 14:06	18°♑43'22	1.33516 AU
superior conj	-4692 Feb 19 j 06:23	24°♑23'07	0°-56'-28
minimum elong	-4692 Feb 19 j 08:45	24°♑35'46	0°56'16
	-4692 Feb 21 j 21:19	0°♒	
asc. node	-4692 Feb 25 j 00:25	6°♒41'34	
evening rise	-4692 Feb 26 j 11:51	9°♒48'34	
	-4692 Mar 08 j 02:37	0°♓	
evening max el	-4692 Mar 19 j 16:29	15°♓11'00	22°45'47
retrograde	-4692 Apr 01 j 20:03	21°♓37'21	
evening set	-4692 Apr 05 j 01:39	21°♓14'26	
desc. node	-4692 Apr 08 j 00:25	20°♓17'01	
min. Earth dist.	-4692 Apr 13 j 02:12	17°♓41'55	0.55525 AU
inferior conj	-4692 Apr 14 j 08:10	16°♓58'44	-1°-41'-54
minimum elong	-4692 Apr 14 j 03:49	17°♓05'00	1°40'35
morning rise	-4692 Apr 23 j 08:31	13°♓01'17	
direct	-4692 Apr 25 j 21:16	12°♓46'14	
morning max el	-4692 May 07 j 01:52	18°♓00'13	20°46'20
	-4692 May 16 j 09:23	0°♈	
asc. node	-4692 May 23 j 00:10	11°♈57'01	
morning set	-4692 May 26 j 04:26	18°♈19'51	
	-4692 May 31 j 19:53	0°♉	
superior conj	-4692 Jun 02 j 20:02	4°♉07'28	1°31'32
minimum elong	-4692 Jun 02 j 17:23	3°♉53'57	1°31'23
max. Earth dist.	-4692 Jun 07 j 06:28	13°♉01'21	1.35808 AU
evening rise	-4692 Jun 11 j 13:46	21°♉16'36	
	-4692 Jun 16 j 09:07	0°♊	
desc. node	-4692 Jul 04 j 22:55	29°♊00'01	
	-4692 Jul 05 j 16:42	0°♋	
evening max el	-4692 Jul 17 j 03:57	13°♋29'56	26°22'39
retrograde	-4692 Jul 29 j 21:51	20°♋44'38	
evening set	-4692 Aug 05 j 09:06	18°♋01'14	
min. Earth dist.	-4692 Aug 09 j 11:41	13°♋38'28	0.66134 AU
inferior conj	-4692 Aug 10 j 23:29	11°♋48'08	-2°-30'-15
minimum elong	-4692 Aug 11 j 02:41	11°♋38'15	2°28'58
morning rise	-4692 Aug 16 j 21:09	5°♋57'19	
asc. node	-4692 Aug 18 j 23:37	5°♋09'09	
direct	-4692 Aug 19 j 22:31	5°♋03'58	
morning max el	-4692 Aug 26 j 18:45	8°♋54'31	18°50'43
	-4692 Sep 10 j 15:45	0°♌	
morning set	-4692 Sep 17 j 02:07	10°♌14'22	
	-4692 Sep 29 j 13:30	0°♍	
desc. node	-4692 Sep 30 j 22:27	2°♍09'51	
superior conj	-4692 Oct 03 j 05:03	5°♍45'03	0°-14'-18
minimum elong	-4692 Oct 03 j 03:11	5°♍37'41	0°13'58
behind sun begin	-4692 Oct 02 j 21:11	5°♍14'01	
behind sun end	-4692 Oct 03 j 09:11	6°♍01'22	
max. Earth dist.	-4692 Oct 02 j 19:03	5°♍05'36	1.44776 AU
	-4692 Oct 18 j 11:12	0°♎	
evening rise	-4692 Oct 19 j 01:14	0°♎56'26	
	-4692 Nov 07 j 01:34	0°♏	
evening max el	-4692 Nov 09 j 04:28	2°♏24'01	18°52'11
asc. node	-4692 Nov 14 j 22:25	6°♏09'23	
retrograde	-4692 Nov 16 j 00:16	6°♏15'53	
evening set	-4692 Nov 19 j 01:43	5°♏22'21	
inferior conj	-4692 Nov 24 j 22:18	29°♎36'11	2°58'51
minimum elong	-4692 Nov 24 j 19:04	29°♎46'02	2°57'51
	-4692 Nov 24 j 14:30	30°℞♎	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4692 Nov 26 j 13:30	27°♎36'10	0.65228 AU
morning rise	-4692 Nov 30 j 11:22	23°♎27'02	
direct	-4692 Dec 07 j 01:25	20°♎38'33	
morning max el	-4692 Dec 20 j 02:13	28°♎12'19	26°48'27
	-4692 Dec 21 j 19:56	0°♏	
desc. node	-4692 Dec 27 j 22:31	7°♏10'23	
	-4691 Jan 12 j 13:57	0°♐	
morning set	-4691 Jan 24 j 20:52	21°♐44'54	
	-4691 Jan 29 j 02:03	0°♑	
max. Earth dist.	-4691 Jan 29 j 07:41	0°♑28'10	1.34593 AU
superior conj	-4691 Feb 02 j 08:31	8°♑43'14	-1°-18'-23
minimum elong	-4691 Feb 02 j 11:29	8°♑58'36	1°18'12
evening rise	-4691 Feb 09 j 21:20	24°♑29'53	
asc. node	-4691 Feb 10 j 21:26	26°♑34'07	
	-4691 Feb 12 j 14:03	0°♒	
evening max el	-4691 Mar 01 j 15:28	26°♒10'28	21°16'24
	-4691 Mar 06 j 18:09	0°♓	
retrograde	-4691 Mar 13 j 10:16	1°♓48'13	
evening set	-4691 Mar 15 j 22:44	1°♓33'40	
	-4691 Mar 20 j 14:13	30°℞♒	
inferior conj	-4691 Mar 25 j 03:57	27°♒34'38	0°12'08
minimum elong	-4691 Mar 25 j 04:30	27°♒33'51	0°11'47
transit middle	-4691 Mar 25 j 04:30	27°♒33'51	0°11'47
transit begin	-4691 Mar 25 j 01:46	27°♒37'43	
transit end	-4691 Mar 25 j 07:14	27°♒29'58	
min. Earth dist.	-4691 Mar 25 j 16:30	27°♒16'52	0.55200 AU
desc. node	-4691 Mar 25 j 21:32	27°♒09'44	
morning rise	-4691 Apr 03 j 09:45	23°♒28'00	
direct	-4691 Apr 06 j 09:41	23°♒08'18	
morning max el	-4691 Apr 19 j 03:33	29°♒15'52	22°15'25
	-4691 Apr 19 j 21:48	0°♓	
	-4691 May 09 j 00:53	0°♈	
asc. node	-4691 May 09 j 21:08	1°♈43'48	
morning set	-4691 May 10 j 14:26	3°♈13'13	
superior conj	-4691 May 17 j 22:00	18°♈40'06	1°14'23
minimum elong	-4691 May 17 j 19:20	18°♈26'05	1°14'03
max. Earth dist.	-4691 May 21 j 00:07	25°♈06'01	1.34475 AU
	-4691 May 23 j 09:59	0°♉	
evening rise	-4691 May 25 j 22:11	4°♉57'16	
	-4691 Jun 09 j 02:38	0°♊	
desc. node	-4691 Jun 21 j 20:01	18°♊09'21	
evening max el	-4691 Jun 29 j 15:23	26°♊53'25	27°07'32
	-4691 Jul 03 j 04:08	0°♋	
retrograde	-4691 Jul 12 j 23:04	4°♋16'35	
evening set	-4691 Jul 19 j 21:09	1°♋29'37	
	-4691 Jul 21 j 13:15	30°℞♊	
min. Earth dist.	-4691 Jul 23 j 16:35	27°♊44'59	0.65007 AU
inferior conj	-4691 Jul 25 j 17:54	25°♊24'49	-3°-13'-43
minimum elong	-4691 Jul 25 j 21:32	25°♊14'28	3°12'32
morning rise	-4691 Jul 31 j 23:14	19°♊48'43	
direct	-4691 Aug 03 j 18:21	19°♊06'27	
asc. node	-4691 Aug 05 j 20:41	19°♊29'59	
morning max el	-4691 Aug 10 j 07:31	22°♊39'44	18°15'52
	-4691 Aug 16 j 02:00	0°♋	
morning set	-4691 Aug 28 j 22:52	20°♋48'13	
	-4691 Sep 03 j 12:36	0°♌	
superior conj	-4691 Sep 12 j 07:09	14°♌10'27	0°34'20
minimum elong	-4691 Sep 12 j 11:15	14°♌26'44	0°34'00
max. Earth dist.	-4691 Sep 15 j 12:56	19°♌19'19	1.44617 AU
desc. node	-4691 Sep 17 j 19:22	22°♌54'09	
	-4691 Sep 22 j 07:53	0°♍	
evening rise	-4691 Sep 28 j 23:14	10°♍21'46	
	-4691 Oct 11 j 16:52	0°♎	
greatest brilliancy	-4691 Oct 15 j 04:02	5°♎07'43	-0.7m
evening max el	-4691 Oct 23 j 12:15	15°♎51'08	19°39'31
retrograde	-4691 Oct 30 j 20:43	20°♎07'16	
asc. node	-4691 Nov 01 j 19:31	19°♎45'12	
evening set	-4691 Nov 03 j 05:59	19°♎00'23	
inferior conj	-4691 Nov 08 j 20:59	13°♎00'36	2°15'06
minimum elong	-4691 Nov 08 j 18:13	13°♎09'38	2°14'06
min. Earth dist.	-4691 Nov 09 j 23:01	11°♎35'47	0.66256 AU
morning rise	-4691 Nov 14 j 05:45	6°♎46'00	
direct	-4691 Nov 20 j 06:26	4°♎08'52	
morning max el	-4691 Dec 02 j 11:22	11°♎21'13	25°42'06
desc. node	-4691 Dec 14 j 19:29	26°♎18'02	
	-4691 Dec 17 j 10:56	0°♏	
	-4690 Jan 05 j 05:00	0°♐	
morning set	-4690 Jan 07 j 16:16	4°♐27'02	
max. Earth dist.	-4690 Jan 11 j 13:38	11°♐42'42	1.36121 AU
superior conj	-4690 Jan 17 j 02:53	22°♐35'04	-1°-36'-40
minimum elong	-4690 Jan 17 j 05:49	22°♐49'43	1°36'39
	-4690 Jan 20 j 18:38	0°♑	
evening rise	-4690 Jan 25 j 03:05	8°♑54'00	
asc. node	-4690 Jan 28 j 18:28	16°♑09'29	
	-4690 Feb 05 j 17:21	0°♒	
evening max el	-4690 Feb 12 j 00:19	7°♒41'54	20°00'44
retrograde	-4690 Feb 22 j 02:36	12°♒28'41	
evening set	-4690 Feb 24 j 10:53	12°♒14'22	
inferior conj	-4690 Mar 05 j 03:44	8°♒14'00	2°00'40
minimum elong	-4690 Mar 05 j 08:21	8°♒06'58	1°59'05
min. Earth dist.	-4690 Mar 07 j 06:38	6°♒56'39	0.55808 AU
desc. node	-4690 Mar 12 j 18:41	4°♒09'52	
morning rise	-4690 Mar 14 j 02:55	3°♒43'13	
direct	-4690 Mar 18 j 02:32	3°♒08'12	
morning max el	-4690 Mar 31 j 20:52	9°♒59'21	23°53'51
	-4690 Apr 15 j 15:33	0°♓	
morning set	-4690 Apr 25 j 02:23	18°♓14'38	
asc. node	-4690 Apr 26 j 18:06	21°♓44'29	
	-4690 Apr 30 j 14:19	0°♈	
superior conj	-4690 May 02 j 05:13	3°♈29'35	0°53'48
minimum elong	-4690 May 02 j 03:03	3°♈17'57	0°53'24
max. Earth dist.	-4690 May 04 j 03:25	7°♈36'51	1.33508 AU
evening rise	-4690 May 09 j 17:34	19°♈12'09	
	-4690 May 15 j 07:46	0°♉	
	-4690 Jun 03 j 07:47	0°♊	
desc. node	-4690 Jun 08 j 17:08	6°♊29'20	
evening max el	-4690 Jun 12 j 01:47	9°♊57'52	27°25'21
retrograde	-4690 Jun 25 j 18:17	17°♊22'28	
evening set	-4690 Jul 02 j 21:32	14°♊44'05	
min. Earth dist.	-4690 Jul 06 j 12:17	11°♊33'03	0.63501 AU
inferior conj	-4690 Jul 09 j 03:39	8°♊50'31	-3°-48'-42
minimum elong	-4690 Jul 09 j 06:54	8°♊42'08	3°47'56
morning rise	-4690 Jul 15 j 18:13	3°♊32'25	
direct	-4690 Jul 18 j 09:15	2°♊58'35	
asc. node	-4690 Jul 23 j 17:45	5°♊17'49	
morning max el	-4690 Jul 24 j 22:12	6°♊23'03	17°58'38
	-4690 Aug 09 j 09:29	0°♋	
morning set	-4690 Aug 10 j 20:46	2°♋33'38	
superior conj	-4690 Aug 23 j 05:11	23°♋35'57	1°13'28
minimum elong	-4690 Aug 23 j 11:06	24°♋00'21	1°13'03
	-4690 Aug 27 j 03:00	0°♌	
max. Earth dist.	-4690 Aug 29 j 04:47	3°♌20'57	1.43759 AU
desc. node	-4690 Sep 04 j 16:18	13°♌37'12	
evening rise	-4690 Sep 08 j 04:31	19°♌04'46	
	-4690 Sep 15 j 07:47	0°♍	
greatest brilliancy	-4690 Sep 30 j 14:38	22°♍07'24	-0.5m
evening max el	-4690 Oct 06 j 14:31	29°♍17'30	20°41'18
	-4690 Oct 07 j 07:31	0°♎	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

retrograde	-4690 Oct 14 j 17:51	4°♎05'38	
evening set	-4690 Oct 18 j 13:11	2°♎42'35	
asc. node	-4690 Oct 19 j 16:40	1°♎45'06	
	-4690 Oct 21 j 08:08	30°℞♍	
inferior conj	-4690 Oct 24 j 00:16	26°♍32'33	1°26'13
minimum elong	-4690 Oct 23 j 22:22	26°♍39'00	1°25'29
min. Earth dist.	-4690 Oct 24 j 14:35	25°♍44'00	0.66939 AU
morning rise	-4690 Oct 29 j 07:08	20°♍15'07	
direct	-4690 Nov 03 j 16:31	17°♍56'19	
morning max el	-4690 Nov 14 j 20:08	24°♍35'07	24°21'07
	-4690 Nov 19 j 17:15	0°♎	
desc. node	-4690 Dec 01 j 16:26	15°♎59'04	
	-4690 Dec 10 j 22:27	0°♏	
morning set	-4690 Dec 20 j 14:51	16°♏03'15	
max. Earth dist.	-4690 Dec 24 j 11:33	22°♏53'24	1.38014 AU
	-4690 Dec 28 j 08:26	0°♐	
superior conj	-4690 Dec 31 j 10:03	5°♐49'02	-1°-49'-15
minimum elong	-4690 Dec 31 j 11:57	5°♐58'09	1°49'24
evening rise	-4689 Jan 09 j 02:53	22°♐54'48	
	-4689 Jan 12 j 18:12	0°♑	
asc. node	-4689 Jan 15 j 15:31	5°♑21'32	
evening max el	-4689 Jan 25 j 19:27	19°♑48'59	19°03'33
retrograde	-4689 Feb 03 j 09:23	23°♑55'23	
evening set	-4689 Feb 05 j 18:58	23°♑37'29	
inferior conj	-4689 Feb 13 j 19:25	19°♑22'24	3°17'38
minimum elong	-4689 Feb 14 j 00:04	19°♑14'14	3°16'28
min. Earth dist.	-4689 Feb 16 j 21:44	17°♑13'22	0.57191 AU
morning rise	-4689 Feb 22 j 01:29	14°♑22'11	
direct	-4689 Feb 27 j 07:03	13°♑17'46	
desc. node	-4689 Feb 27 j 15:50	13°♑18'05	
morning max el	-4689 Mar 13 j 11:51	20°♑36'15	25°28'50
	-4689 Mar 21 j 13:34	0°♒	
	-4689 Apr 08 j 00:27	0°♓	
morning set	-4689 Apr 09 j 14:37	3°♓18'06	
asc. node	-4689 Apr 13 j 15:06	11°♓54'13	
superior conj	-4689 Apr 16 j 15:36	18°♓29'01	0°30'55
minimum elong	-4689 Apr 16 j 14:17	18°♓21'48	0°30'35
max. Earth dist.	-4689 Apr 17 j 13:34	20°♓28'28	1.32894 AU
	-4689 Apr 22 j 00:15	0°♈	
evening rise	-4689 Apr 23 j 20:33	3°♈50'19	
	-4689 May 08 j 02:29	0°♉	
evening max el	-4689 May 25 j 08:40	22°♉30'18	27°11'22
desc. node	-4689 May 26 j 14:17	23°♉38'57	
retrograde	-4689 Jun 08 j 06:58	29°♉53'28	
evening set	-4689 Jun 15 j 06:23	27°♉37'32	
min. Earth dist.	-4689 Jun 18 j 21:58	24°♉49'20	0.61663 AU
inferior conj	-4689 Jun 22 j 01:35	21°♉57'57	-4°-10'-32
minimum elong	-4689 Jun 22 j 03:17	21°♉54'05	4°10'15
morning rise	-4689 Jun 29 j 02:56	17°♉00'40	
direct	-4689 Jul 01 j 15:37	16°♉33'21	
morning max el	-4689 Jul 08 j 12:09	19°♉58'40	17°59'56
asc. node	-4689 Jul 10 j 14:49	22°♉17'23	
	-4689 Jul 15 j 22:51	0°♊	
morning set	-4689 Jul 24 j 14:35	15°♊16'28	
	-4689 Aug 01 j 18:37	0°♋	
superior conj	-4689 Aug 04 j 06:57	4°♋24'14	1°37'53
minimum elong	-4689 Aug 04 j 10:57	4°♋41'35	1°37'51
max. Earth dist.	-4689 Aug 11 j 15:40	16°♋52'15	1.42320 AU
evening rise	-4689 Aug 18 j 11:50	27°♋55'06	
	-4689 Aug 19 j 19:32	0°♌	
desc. node	-4689 Aug 22 j 13:16	4°♌15'55	
	-4689 Sep 09 j 02:16	0°♍	
greatest brilliancy	-4689 Sep 14 j 14:19	7°♍11'59	-0.4m
evening max el	-4689 Sep 19 j 10:23	12°♍42'10	21°54'24
retrograde	-4689 Sep 28 j 13:50	18°♍08'03	
evening set	-4689 Oct 02 j 21:19	16°♍26'32	
asc. node	-4689 Oct 06 j 13:49	12°♍26'22	
inferior conj	-4689 Oct 08 j 06:06	10°♍09'37	0°34'15
minimum elong	-4689 Oct 08 j 05:19	10°♍12'21	0°34'00
min. Earth dist.	-4689 Oct 08 j 09:48	9°♍56'52	0.67310 AU
morning rise	-4689 Oct 13 j 13:07	3°♍52'15	
direct	-4689 Oct 18 j 07:15	1°♍54'38	
morning max el	-4689 Oct 28 j 06:34	7°♍51'48	22°54'53
greatest brilliancy	-4689 Nov 02 j 03:08	13°♍19'40	-0.3m
	-4689 Nov 14 j 10:53	0°♎	
desc. node	-4689 Nov 18 j 13:20	6°♎03'10	
morning set	-4689 Dec 01 j 10:39	26°♎18'29	
	-4689 Dec 03 j 15:57	0°♏	
max. Earth dist.	-4689 Dec 06 j 08:11	4°♏32'20	1.40072 AU
superior conj	-4689 Dec 14 j 01:19	18°♏11'43	-1°-53'-18
minimum elong	-4689 Dec 14 j 00:53	18°♏09'45	1°53'28
	-4689 Dec 20 j 09:11	0°♐	
evening rise	-4689 Dec 23 j 17:52	6°♐24'09	
asc. node	-4688 Jan 02 j 12:37	24°♐01'36	
	-4688 Jan 06 j 17:53	0°♑	
evening max el	-4688 Jan 08 j 23:04	2°♑25'52	18°26'23
retrograde	-4688 Jan 16 j 10:34	6°♑06'37	
evening set	-4688 Jan 18 j 22:26	5°♑43'17	
inferior conj	-4688 Jan 26 j 07:21	1°♑07'47	3°56'49
minimum elong	-4688 Jan 26 j 09:26	1°♑03'33	3°56'24
	-4688 Jan 27 j 16:27	30°℞♐	
min. Earth dist.	-4688 Jan 29 j 16:15	28°♐24'25	0.59048 AU
morning rise	-4688 Feb 02 j 17:03	25°♐43'00	
direct	-4688 Feb 09 j 00:22	23°♐59'46	
desc. node	-4688 Feb 14 j 12:57	25°♐15'10	
	-4688 Feb 21 j 14:03	0°♑	
morning max el	-4688 Feb 23 j 06:12	1°♑33'02	26°45'13
	-4688 Mar 14 j 15:07	0°♒	
morning set	-4688 Mar 24 j 01:19	18°♒16'08	
	-4688 Mar 29 j 12:43	0°♓	
asc. node	-4688 Mar 30 j 12:05	2°♓07'42	
superior conj	-4688 Mar 31 j 03:19	3°♓31'02	0°06'37
minimum elong	-4688 Mar 31 j 03:01	3°♓29'27	0°06'26
behind sun begin	-4688 Mar 30 j 22:26	3°♓04'20	
behind sun end	-4688 Mar 31 j 07:37	3°♓54'34	
max. Earth dist.	-4688 Mar 31 j 02:48	3°♓28'14	1.32614 AU
evening rise	-4688 Apr 07 j 04:27	18°♓41'49	
	-4688 Apr 12 j 20:00	0°♈	
	-4688 May 02 j 06:50	0°♉	
evening max el	-4688 May 06 j 09:47	4°♉21'37	26°24'56
desc. node	-4688 May 12 j 11:28	9°♉08'54	
retrograde	-4688 May 20 j 11:51	11°♉41'14	
evening set	-4688 May 26 j 19:42	9°♉59'54	
min. Earth dist.	-4688 May 30 j 22:50	7°♉18'12	0.59627 AU
inferior conj	-4688 Jun 03 j 08:03	4°♉37'56	-4°-12'-8
minimum elong	-4688 Jun 03 j 06:53	4°♉40'15	4°11'59
morning rise	-4688 Jun 10 j 21:44	0°♉02'42	
	-4688 Jun 11 j 01:33	30°℞♈	
direct	-4688 Jun 13 j 09:07	29°♈40'38	
	-4688 Jun 15 j 15:23	0°♉	
morning max el	-4688 Jun 20 j 22:30	3°♉18'28	18°20'38
asc. node	-4688 Jun 26 j 11:51	10°♉13'08	
morning set	-4688 Jul 06 j 23:17	28°♉43'52	
	-4688 Jul 07 j 15:18	0°♊	
superior conj	-4688 Jul 16 j 09:42	16°♊27'50	1°48'25
minimum elong	-4688 Jul 16 j 10:52	16°♊33'09	1°48'38
max. Earth dist.	-4688 Jul 23 j 20:23	29°♊40'10	1.40500 AU
	-4688 Jul 24 j 01:00	0°♋	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4688 Jul 28 j 15:13	7°♋43'22	
desc. node	-4688 Aug 08 j 10:16	24°♋46'41	
	-4688 Aug 11 j 22:09	0°♌	
greatest brilliancy	-4688 Aug 26 j 05:34	19°♌34'47	-0.2m
evening max el	-4688 Sep 01 j 00:46	26°♌07'19	23°14'15
	-4688 Sep 05 j 12:30	0°♍	
retrograde	-4688 Sep 11 j 07:11	2°♍12'18	
evening set	-4688 Sep 16 j 04:37	0°♍11'02	
	-4688 Sep 16 j 09:46	30°℞♌	
inferior conj	-4688 Sep 21 j 12:42	23°♌50'56	0°-18'-57
minimum elong	-4688 Sep 21 j 13:09	23°♌49'25	0°18'38
min. Earth dist.	-4688 Sep 21 j 06:14	24°♌13'10	0.67386 AU
asc. node	-4688 Sep 22 j 10:58	22°♌34'50	
morning rise	-4688 Sep 26 j 21:42	17°♌36'38	
direct	-4688 Oct 01 j 01:50	16°♌00'03	
morning max el	-4688 Oct 09 j 21:37	21°♌13'52	21°31'53
greatest brilliancy	-4688 Oct 15 j 01:37	27°♌11'34	-0.4m
	-4688 Oct 17 j 05:43	0°♍	
desc. node	-4688 Nov 04 j 10:14	26°♍23'55	
	-4688 Nov 06 j 18:12	0°♎	
morning set	-4688 Nov 10 j 02:31	5°♎14'34	
max. Earth dist.	-4688 Nov 17 j 09:41	17°♎00'50	1.42020 AU
superior conj	-4688 Nov 24 j 19:13	29°♎29'58	-1°-45'-14
minimum elong	-4688 Nov 24 j 15:20	29°♎13'13	1°45'07
	-4688 Nov 25 j 02:09	0°♏	
evening rise	-4688 Dec 05 j 20:37	19°♏14'43	
	-4688 Dec 11 j 19:41	0°♐	
asc. node	-4688 Dec 19 j 09:43	11°♐59'53	
evening max el	-4688 Dec 22 j 08:31	15°♐25'19	18°09'16
retrograde	-4688 Dec 29 j 04:14	18°♐54'37	
evening set	-4688 Dec 31 j 18:36	18°♐24'40	
inferior conj	-4687 Jan 07 j 14:22	13°♐27'15	4°04'39
minimum elong	-4687 Jan 07 j 13:41	13°♐28'52	4°04'24
min. Earth dist.	-4687 Jan 10 j 17:10	10°♐33'03	0.61047 AU
morning rise	-4687 Jan 14 j 06:12	7°♐45'09	
direct	-4687 Jan 21 j 04:32	5°♐26'05	
desc. node	-4687 Jan 31 j 10:02	9°♐43'15	
morning max el	-4687 Feb 04 j 06:31	13°♐06'29	27°30'57
	-4687 Feb 17 j 18:52	0°♑	
	-4687 Mar 06 j 20:55	0°♒	
morning set	-4687 Mar 08 j 08:38	3°♒01'53	
max. Earth dist.	-4687 Mar 14 j 15:26	16°♒23'09	1.32675 AU
superior conj	-4687 Mar 15 j 14:40	18°♒29'46	0°-18'-16
minimum elong	-4687 Mar 15 j 15:30	18°♒34'14	0°18'17
asc. node	-4687 Mar 17 j 09:04	22°♒21'03	
	-4687 Mar 20 j 21:48	0°♓	
evening rise	-4687 Mar 22 j 15:07	3°♓39'19	
	-4687 Apr 05 j 21:39	0°♈	
evening max el	-4687 Apr 18 j 05:02	15°♈33'30	25°10'52
desc. node	-4687 Apr 29 j 08:40	22°♈23'10	
retrograde	-4687 May 02 j 06:35	22°♈43'05	
evening set	-4687 May 07 j 11:32	21°♈40'07	
min. Earth dist.	-4687 May 12 j 17:31	18°♈48'23	0.57665 AU
inferior conj	-4687 May 15 j 19:41	16°♈41'33	-3°-43'-57
minimum elong	-4687 May 15 j 15:14	16°♈49'14	3°43'11
morning rise	-4687 May 23 j 23:07	12°♈26'43	
direct	-4687 May 26 j 09:46	12°♈08'47	
morning max el	-4687 Jun 04 j 02:17	16°♈12'56	19°01'23
asc. node	-4687 Jun 13 j 08:51	28°♈51'58	
	-4687 Jun 14 j 00:29	0°♉	
morning set	-4687 Jun 20 j 18:41	12°♉45'16	
superior conj	-4687 Jun 29 j 07:39	29°♉30'09	1°47'58
minimum elong	-4687 Jun 29 j 06:35	29°♉25'04	1°48'08
	-4687 Jun 29 j 13:52	0°♊	
max. Earth dist.	-4687 Jul 05 j 21:46	11°♊47'17	1.38558 AU
evening rise	-4687 Jul 09 j 21:03	18°♊48'57	
	-4687 Jul 16 j 13:09	0°♋	
desc. node	-4687 Jul 26 j 07:19	15°♋04'22	
	-4687 Aug 06 j 03:31	0°♌	
evening max el	-4687 Aug 14 j 12:04	9°♌35'06	24°34'31
retrograde	-4687 Aug 25 j 20:47	16°♌14'16	
evening set	-4687 Aug 31 j 09:16	13°♌53'43	
min. Earth dist.	-4687 Sep 05 j 01:21	8°♌30'48	0.67163 AU
inferior conj	-4687 Sep 05 j 18:20	7°♌33'55	-1°-11'-50
minimum elong	-4687 Sep 05 j 19:59	7°♌28'23	1°10'58
asc. node	-4687 Sep 09 j 08:05	3°♌09'24	
morning rise	-4687 Sep 11 j 06:59	1°♌26'07	
direct	-4687 Sep 14 j 23:02	0°♌08'35	
morning max el	-4687 Sep 22 j 19:24	4°♌43'25	20°18'22
greatest brilliancy	-4687 Sep 29 j 14:42	13°♌00'55	-0.6m
	-4687 Oct 11 j 06:41	0°♍	
morning set	-4687 Oct 20 j 01:43	13°♍28'11	
desc. node	-4687 Oct 22 j 07:07	16°♍55'45	
	-4687 Oct 30 j 13:39	0°♎	
max. Earth dist.	-4687 Oct 30 j 18:44	0°♎20'22	1.43582 AU
superior conj	-4687 Nov 05 j 10:30	9°♎31'36	-1°-21'-39
minimum elong	-4687 Nov 05 j 03:54	9°♎04'28	1°21'03
	-4687 Nov 17 j 12:56	0°♏	
evening rise	-4687 Nov 18 j 06:46	1°♏17'15	
evening max el	-4687 Dec 05 j 20:54	28°♏39'11	18°11'33
asc. node	-4687 Dec 06 j 06:49	29°♏03'39	
	-4687 Dec 07 j 08:09	0°♐	
retrograde	-4687 Dec 12 j 10:19	2°♐09'17	
evening set	-4687 Dec 15 j 03:52	1°♐31'29	
	-4687 Dec 17 j 14:02	30°℞♏	
inferior conj	-4687 Dec 21 j 12:55	26°♏13'00	3°50'11
minimum elong	-4687 Dec 21 j 10:27	26°♏19'34	3°49'38
min. Earth dist.	-4687 Dec 24 j 02:53	23°♏29'36	0.62912 AU
morning rise	-4687 Dec 27 j 15:14	20°♏18'15	
direct	-4686 Jan 03 j 16:59	17°♏36'12	
morning max el	-4686 Jan 17 j 12:19	25°♏18'51	27°40'57
desc. node	-4686 Jan 18 j 07:03	26°♏05'46	
	-4686 Jan 21 j 20:46	0°♐	
	-4686 Feb 11 j 04:25	0°♑	
morning set	-4686 Feb 20 j 10:18	17°♑27'28	
max. Earth dist.	-4686 Feb 25 j 23:44	29°♑00'16	1.33096 AU
	-4686 Feb 26 j 10:56	0°♒	
superior conj	-4686 Feb 28 j 00:01	3°♒19'04	0°-42'-50
minimum elong	-4686 Feb 28 j 01:53	3°♒29'07	0°42'42
asc. node	-4686 Mar 04 j 06:03	12°♒30'11	
evening rise	-4686 Mar 07 j 02:45	18°♒36'08	
	-4686 Mar 12 j 18:31	0°♓	
evening max el	-4686 Mar 30 j 21:18	26°♓21'10	23°40'07
	-4686 Apr 04 j 08:42	0°♈	
retrograde	-4686 Apr 13 j 12:39	3°♈07'41	
desc. node	-4686 Apr 16 j 05:50	2°♈51'17	
evening set	-4686 Apr 17 j 10:11	2°♈34'17	
	-4686 Apr 23 j 05:33	30°℞♓	
min. Earth dist.	-4686 Apr 24 j 08:49	29°♓20'21	0.56111 AU
inferior conj	-4686 Apr 26 j 11:24	28°♓04'06	-2°-37'-29
minimum elong	-4686 Apr 26 j 05:46	28°♓12'38	2°35'59
morning rise	-4686 May 05 j 04:51	24°♓03'41	
direct	-4686 May 07 j 15:58	23°♓48'18	
morning max el	-4686 May 17 j 20:52	28°♓33'09	20°02'27
	-4686 May 19 j 07:47	0°♈	
asc. node	-4686 May 31 j 05:50	18°♈03'50	
morning set	-4686 Jun 04 j 21:40	27°♈12'54	
	-4686 Jun 06 j 06:37	0°♉	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4686 Jun 12 j 19:36	13°♉17'10	1°39'19
minimum elong	-4686 Jun 12 j 17:17	13°♉05'34	1°39'17
max. Earth dist.	-4686 Jun 18 j 01:56	23°♉35'09	1.36736 AU
	-4686 Jun 21 j 12:13	0°♊	
evening rise	-4686 Jun 22 j 02:46	1°♊06'32	
	-4686 Jul 09 j 16:19	0°♋	
desc. node	-4686 Jul 13 j 04:24	5°♋02'52	
evening max el	-4686 Jul 27 j 22:46	23°♋05'47	25°47'19
	-4686 Aug 07 j 14:21	0°♌	
retrograde	-4686 Aug 09 j 05:49	0°♌09'52	
	-4686 Aug 10 j 19:56	30°℞♋	
evening set	-4686 Aug 15 j 09:20	27°♋33'04	
min. Earth dist.	-4686 Aug 19 j 16:41	22°♋47'57	0.66617 AU
inferior conj	-4686 Aug 20 j 21:12	21°♋16'51	-2°-2'-39
minimum elong	-4686 Aug 20 j 23:55	21°♋08'09	2°01'26
morning rise	-4686 Aug 26 j 15:07	15°♋18'56	
asc. node	-4686 Aug 27 j 05:11	14°♋58'50	
direct	-4686 Aug 29 j 21:16	14°♋17'34	
morning max el	-4686 Sep 06 j 00:18	18°♋21'25	19°18'17
	-4686 Sep 14 j 23:04	0°♌	
greatest brilliancy	-4686 Sep 16 j 19:13	2°♌44'30	-0.7m
morning set	-4686 Sep 29 j 07:11	22°♌06'28	
	-4686 Oct 04 j 08:05	0°♍	
desc. node	-4686 Oct 09 j 04:00	7°♍34'58	
max. Earth dist.	-4686 Oct 13 j 10:04	14°♍17'20	1.44547 AU
superior conj	-4686 Oct 15 j 23:24	18°♍20'29	0°-42'-5
minimum elong	-4686 Oct 15 j 18:19	18°♍00'16	0°41'24
	-4686 Oct 23 j 05:57	0°♎	
evening rise	-4686 Oct 30 j 19:41	12°♎22'58	
	-4686 Nov 10 j 14:04	0°♏	
evening max el	-4686 Nov 19 j 09:24	12°♏01'25	18°32'17
asc. node	-4686 Nov 23 j 03:56	14°♏58'20	
retrograde	-4686 Nov 26 j 00:43	15°♏42'42	
evening set	-4686 Nov 28 j 22:48	14°♏55'25	
inferior conj	-4686 Dec 04 j 23:20	9°♏18'13	3°20'38
minimum elong	-4686 Dec 04 j 20:09	9°♏27'34	3°19'46
min. Earth dist.	-4686 Dec 06 j 22:36	7°♏00'15	0.64483 AU
morning rise	-4686 Dec 10 j 16:15	3°♏13'38	
direct	-4686 Dec 17 j 12:17	0°♏23'52	
morning max el	-4686 Dec 30 j 21:23	8°♏03'04	27°16'16
desc. node	-4685 Jan 05 j 04:02	13°♏50'22	
	-4685 Jan 17 j 00:30	0°♐	
	-4685 Feb 03 j 10:24	0°♑	
morning set	-4685 Feb 04 j 03:26	1°♑22'43	
max. Earth dist.	-4685 Feb 08 j 23:52	11°♑07'10	1.33924 AU
superior conj	-4685 Feb 12 j 05:25	17°♑51'53	-1°-6'-5
minimum elong	-4685 Feb 12 j 08:06	18°♑06'02	1°05'54
	-4685 Feb 17 j 22:31	0°♒	
asc. node	-4685 Feb 19 j 03:02	2°♒30'12	
evening rise	-4685 Feb 19 j 13:33	3°♒25'10	
	-4685 Mar 06 j 12:22	0°♓	
evening max el	-4685 Mar 12 j 16:00	7°♓08'28	22°06'30
retrograde	-4685 Mar 25 j 06:52	13°♓15'22	
evening set	-4685 Mar 28 j 03:41	12°♓57'09	
desc. node	-4685 Apr 03 j 03:00	10°♓40'44	
inferior conj	-4685 Apr 06 j 11:19	8°♓50'33	0°-55'00
minimum elong	-4685 Apr 06 j 08:48	8°♓54'06	0°54'16
min. Earth dist.	-4685 Apr 05 j 22:51	9°♓08'08	0.55275 AU
morning rise	-4685 Apr 15 j 15:17	4°♓51'49	
direct	-4685 Apr 18 j 07:30	4°♓35'41	
morning max el	-4685 Apr 30 j 04:39	10°♓11'59	21°22'31
	-4685 May 14 j 03:40	0°♈	
asc. node	-4685 May 18 j 02:48	7°♈39'38	
morning set	-4685 May 20 j 05:42	11°♈58'39	

superior conj	-4685 May 27 j 17:24	27°♈35'50	1°24'46
minimum elong	-4685 May 27 j 14:40	27°♈21'43	1°24'31
	-4685 May 28 j 21:20	0°♉	
max. Earth dist.	-4685 May 31 j 13:54	5°♉27'48	1.35198 AU
evening rise	-4685 Jun 05 j 02:53	14°♉20'36	
	-4685 Jun 13 j 19:37	0°♊	
desc. node	-4685 Jun 30 j 01:30	24°♊33'09	
	-4685 Jul 04 j 09:24	0°♋	
evening max el	-4685 Jul 10 j 09:51	6°♋33'32	26°44'34
retrograde	-4685 Jul 23 j 09:57	13°♋52'30	
evening set	-4685 Jul 30 j 02:32	11°♋06'05	
min. Earth dist.	-4685 Aug 03 j 01:52	7°♋00'03	0.65706 AU
inferior conj	-4685 Aug 04 j 19:19	4°♋56'23	-2°-49'-31
minimum elong	-4685 Aug 04 j 22:47	4°♋46'03	2°48'14
	-4685 Aug 09 j 14:20	30°℞♊	
morning rise	-4685 Aug 10 j 20:05	29°♊11'41	
direct	-4685 Aug 13 j 18:35	28°♊23'22	
asc. node	-4685 Aug 14 j 02:16	28°♊23'56	
	-4685 Aug 18 j 01:35	0°♋	
morning max el	-4685 Aug 20 j 10:53	2°♋05'10	18°33'52
	-4685 Sep 08 j 07:49	0°♌	
morning set	-4685 Sep 09 j 12:07	1°♌54'38	
superior conj	-4685 Sep 24 j 22:53	26°♌35'30	0°06'52
minimum elong	-4685 Sep 24 j 23:47	26°♌39'07	0°06'53
behind sun begin	-4685 Sep 24 j 13:24	25°♌58'05	
behind sun end	-4685 Sep 25 j 10:11	27°♌20'08	
max. Earth dist.	-4685 Sep 26 j 04:05	28°♌30'43	1.44795 AU
desc. node	-4685 Sep 26 j 00:56	28°♌18'15	
	-4685 Sep 27 j 02:45	0°♍	
evening rise	-4685 Oct 11 j 07:47	22°♍24'31	
	-4685 Oct 16 j 02:53	0°♎	
evening max el	-4685 Nov 02 j 19:30	25°♎27'30	19°10'21
retrograde	-4685 Nov 09 j 19:56	29°♎29'00	
asc. node	-4685 Nov 10 j 01:03	29°♎28'44	
evening set	-4685 Nov 13 j 00:25	28°♎30'03	
inferior conj	-4685 Nov 18 j 18:23	22°♎37'22	2°41'06
minimum elong	-4685 Nov 18 j 15:18	22°♎47'08	2°40'04
min. Earth dist.	-4685 Nov 20 j 03:43	20°♎52'13	0.65703 AU
morning rise	-4685 Nov 24 j 05:17	16°♎25'29	
direct	-4685 Nov 30 j 13:51	13°♎40'59	
morning max el	-4685 Dec 13 j 07:13	21°♎07'21	26°22'46
	-4685 Dec 21 j 01:37	0°♏	
desc. node	-4685 Dec 23 j 00:59	2°♏33'02	
	-4684 Jan 10 j 04:04	0°♐	
morning set	-4684 Jan 18 j 08:14	14°♐36'17	
max. Earth dist.	-4684 Jan 22 j 12:51	22°♐39'33	1.35193 AU
	-4684 Jan 26 j 04:53	0°♑	
superior conj	-4684 Jan 27 j 04:38	2°♑01'13	-1°-26'-41
minimum elong	-4684 Jan 27 j 07:40	2°♑16'48	1°26'34
evening rise	-4684 Feb 03 j 21:46	18°♑00'27	
asc. node	-4684 Feb 06 j 00:04	22°♑16'22	
	-4684 Feb 09 j 23:47	0°♒	
evening max el	-4684 Feb 22 j 18:48	18°♒19'54	20°42'04
retrograde	-4684 Mar 04 j 20:48	23°♒36'02	
evening set	-4684 Mar 07 j 06:11	23°♒22'17	
inferior conj	-4684 Mar 16 j 07:03	19°♒24'20	1°00'45
minimum elong	-4684 Mar 16 j 09:44	19°♒20'28	0°59'42
min. Earth dist.	-4684 Mar 17 j 13:01	18°♒40'59	0.55350 AU
desc. node	-4684 Mar 20 j 00:07	17°♒19'09	
morning rise	-4684 Mar 25 j 11:39	15°♒08'53	
direct	-4684 Mar 28 j 19:57	14°♒44'32	
morning max el	-4684 Apr 11 j 02:26	21°♒12'21	22°56'49
	-4684 Apr 18 j 14:04	0°♓	
morning set	-4684 May 03 j 16:45	26°♓56'02	
asc. node	-4684 May 03 j 23:47	27°♓32'48	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4684 May 05 j 03:46	0°♈	
superior conj	-4684 May 10 j 21:55	12°♈16'35	1°06'00
minimum elong	-4684 May 10 j 19:25	12°♈03'18	1°05'38
max. Earth dist.	-4684 May 13 j 11:41	17°♈42'21	1.34018 AU
evening rise	-4684 May 18 j 16:25	28°♈16'52	
	-4684 May 19 j 13:27	0°♉	
	-4684 Jun 06 j 00:14	0°♊	
desc. node	-4684 Jun 15 j 22:37	13°♊23'17	
evening max el	-4684 Jun 21 j 20:51	19°♊49'11	27°18'40
retrograde	-4684 Jul 05 j 08:50	27°♊14'15	
evening set	-4684 Jul 12 j 10:03	24°♊28'54	
min. Earth dist.	-4684 Jul 16 j 02:54	20°♊59'45	0.64410 AU
inferior conj	-4684 Jul 18 j 10:22	18°♊28'28	-3°-29'-51
minimum elong	-4684 Jul 18 j 13:58	18°♊18'38	3°28'50
morning rise	-4684 Jul 24 j 19:29	12°♊59'58	
direct	-4684 Jul 27 j 12:33	12°♊21'43	
asc. node	-4684 Jul 30 j 23:22	13°♊23'02	
morning max el	-4684 Aug 03 j 00:51	15°♊50'12	18°06'21
	-4684 Aug 13 j 02:41	0°♋	
morning set	-4684 Aug 20 j 20:02	12°♋59'36	
	-4684 Aug 31 j 00:36	0°♌	
superior conj	-4684 Sep 03 j 07:34	5°♌20'59	0°52'36
minimum elong	-4684 Sep 03 j 13:02	5°♌43'04	0°52'08
max. Earth dist.	-4684 Sep 07 j 21:09	12°♌39'57	1.44323 AU
desc. node	-4684 Sep 11 j 21:52	19°♌02'05	
	-4684 Sep 18 j 22:31	0°♍	
evening rise	-4684 Sep 19 j 20:52	1°♍26'30	
	-4684 Oct 08 j 21:14	0°♎	
greatest brilliancy	-4684 Oct 08 j 21:15	0°♎00'04	-0.6m
evening max el	-4684 Oct 16 j 01:01	8°♎53'46	20°04'13
retrograde	-4684 Oct 23 j 17:01	13°♎23'12	
asc. node	-4684 Oct 26 j 22:12	12°♎23'04	
evening set	-4684 Oct 27 j 06:11	12°♎09'55	
inferior conj	-4684 Nov 01 j 19:19	6°♎05'16	1°54'54
minimum elong	-4684 Nov 01 j 16:53	6°♎13'24	1°53'58
min. Earth dist.	-4684 Nov 02 j 16:13	4°♎55'43	0.66577 AU
	-4684 Nov 06 j 22:00	30°℞♍	
morning rise	-4684 Nov 07 j 02:57	29°♍48'51	
direct	-4684 Nov 12 j 21:09	27°♍18'51	
	-4684 Nov 19 j 17:09	0°♎	
morning max el	-4684 Nov 24 j 16:13	4°♎19'14	25°08'55
desc. node	-4684 Dec 08 j 21:56	21°♎56'00	
	-4684 Dec 14 j 10:54	0°♏	
morning set	-4684 Dec 30 j 19:34	26°♏52'32	
	-4683 Jan 01 j 13:07	0°♐	
max. Earth dist.	-4683 Jan 03 j 14:30	3°♐47'20	1.36887 AU
superior conj	-4683 Jan 09 j 18:41	15°♐37'56	-1°-42'-52
minimum elong	-4683 Jan 09 j 21:19	15°♐50'54	1°42'55
	-4683 Jan 16 j 22:28	0°♑	
evening rise	-4683 Jan 18 j 01:16	2°♑15'03	
asc. node	-4683 Jan 22 j 21:07	11°♑42'29	
	-4683 Feb 04 j 05:22	0°♒	
evening max el	-4683 Feb 04 j 08:09	0°♒06'39	19°34'01
retrograde	-4683 Feb 13 j 18:12	4°♒34'30	
evening set	-4683 Feb 16 j 02:31	4°♒19'09	
inferior conj	-4683 Feb 24 j 12:35	0°♒13'58	2°37'56
minimum elong	-4683 Feb 24 j 17:42	0°♒05'42	2°36'23
	-4683 Feb 24 j 21:14	30°℞♑	
min. Earth dist.	-4683 Feb 27 j 03:43	28°♑32'48	0.56317 AU
morning rise	-4683 Mar 05 j 05:19	25°♑30'04	
desc. node	-4683 Mar 06 j 21:15	25°♑02'37	
direct	-4683 Mar 09 j 17:30	24°♑44'06	
	-4683 Mar 21 j 17:14	0°♒	
morning max el	-4683 Mar 23 j 18:04	1°♒49'45	24°35'31

	-4683 Apr 12 j 05:34	0°♓	
morning set	-4683 Apr 18 j 05:02	11°♓58'51	
asc. node	-4683 Apr 20 j 20:46	17°♓37'46	
superior conj	-4683 Apr 25 j 06:45	27°♓11'16	0°44'19
minimum elong	-4683 Apr 25 j 04:55	27°♓01'18	0°43'57
	-4683 Apr 26 j 14:01	0°♈	
max. Earth dist.	-4683 Apr 26 j 18:06	0°♈22'00	1.33202 AU
evening rise	-4683 May 02 j 15:26	12°♈42'57	
	-4683 May 11 j 17:55	0°♉	
	-4683 Jun 01 j 14:36	0°♊	
desc. node	-4683 Jun 02 j 19:45	1°♊16'30	
evening max el	-4683 Jun 04 j 06:03	2°♊41'32	27°23'30
retrograde	-4683 Jun 18 j 01:44	10°♊06'28	
evening set	-4683 Jun 25 j 04:24	7°♊35'59	
min. Earth dist.	-4683 Jun 28 j 18:34	4°♊36'09	0.62746 AU
inferior conj	-4683 Jul 01 j 15:34	1°♊47'40	-3°-59'-59
minimum elong	-4683 Jul 01 j 18:19	1°♊40'55	3°59'26
	-4683 Jul 03 j 12:45	30°℞♉	
morning rise	-4683 Jul 08 j 10:31	26°♉38'08	
direct	-4683 Jul 11 j 00:14	26°♉07'25	
morning max el	-4683 Jul 17 j 15:36	29°♉31'23	17°56'51
asc. node	-4683 Jul 17 j 20:27	29°♉43'28	
	-4683 Jul 18 j 02:54	0°♊	
morning set	-4683 Aug 03 j 03:09	25°♊11'22	
	-4683 Aug 05 j 20:16	0°♋	
superior conj	-4683 Aug 14 j 17:18	15°♋21'30	1°25'39
minimum elong	-4683 Aug 14 j 22:41	15°♋44'11	1°25'24
max. Earth dist.	-4683 Aug 21 j 10:40	26°♋28'53	1.43204 AU
	-4683 Aug 23 j 15:01	0°♌	
desc. node	-4683 Aug 29 j 18:50	9°♌43'53	
evening rise	-4683 Aug 30 j 00:23	10°♌05'31	
	-4683 Sep 12 j 03:49	0°♍	
greatest brilliancy	-4683 Sep 23 j 15:54	16°♍04'03	-0.5m
evening max el	-4683 Sep 29 j 00:37	22°♍19'29	21°11'18
retrograde	-4683 Oct 07 j 13:49	27°♍23'15	
evening set	-4683 Oct 11 j 14:00	25°♍52'49	
asc. node	-4683 Oct 13 j 19:22	23°♍45'39	
inferior conj	-4683 Oct 16 j 23:56	19°♍39'37	1°04'28
minimum elong	-4683 Oct 16 j 22:29	19°♍44'35	1°03'55
min. Earth dist.	-4683 Oct 17 j 09:43	19°♍06'04	0.67134 AU
morning rise	-4683 Oct 22 j 06:36	13°♍21'42	
direct	-4683 Oct 27 j 09:30	11°♍11'27	
morning max el	-4683 Nov 07 j 01:08	17°♍33'22	23°44'26
	-4683 Nov 17 j 09:51	0°♎	
desc. node	-4683 Nov 25 j 18:53	11°♎47'41	
	-4683 Dec 07 j 13:00	0°♏	
morning set	-4683 Dec 12 j 07:19	7°♏55'10	
max. Earth dist.	-4683 Dec 16 j 10:20	15°♏03'24	1.38885 AU
superior conj	-4683 Dec 23 j 19:43	28°♏31'33	-1°-52'-14
minimum elong	-4683 Dec 23 j 20:48	28°♏36'38	1°52'25
	-4683 Dec 24 j 14:28	0°♐	
evening rise	-4682 Jan 01 j 21:39	16°♐02'47	
	-4682 Jan 09 j 08:31	0°♑	
asc. node	-4682 Jan 09 j 18:11	0°♑41'43	
evening max el	-4682 Jan 18 j 07:17	12°♑27'32	18°45'18
retrograde	-4682 Jan 26 j 08:23	16°♑20'39	
evening set	-4682 Jan 28 j 19:05	16°♑00'31	
inferior conj	-4682 Feb 05 j 12:42	11°♑37'23	3°38'38
minimum elong	-4682 Feb 05 j 16:25	11°♑30'26	3°37'49
min. Earth dist.	-4682 Feb 08 j 19:56	9°♑11'00	0.57949 AU
morning rise	-4682 Feb 13 j 10:06	6°♑26'03	
direct	-4682 Feb 19 j 03:58	5°♑05'16	
desc. node	-4682 Feb 21 j 18:23	5°♑21'47	
morning max el	-4682 Mar 05 j 09:37	12°♑31'06	26°04'22

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4682 Mar 19 j 01:22	0°♒	
morning set	-4682 Apr 02 j 16:48	27°♒00'27	
	-4682 Apr 04 j 02:47	0°♓	
asc. node	-4682 Apr 07 j 17:44	7°♓49'21	
superior conj	-4682 Apr 09 j 17:54	12°♓12'25	0°20'44
minimum elong	-4682 Apr 09 j 16:59	12°♓07'29	0°20'27
max. Earth dist.	-4682 Apr 10 j 05:59	13°♓18'28	1.32736 AU
evening rise	-4682 Apr 16 j 20:48	27°♓27'58	
	-4682 Apr 18 j 02:25	0°♈	
	-4682 May 05 j 04:58	0°♉	
evening max el	-4682 May 17 j 10:56	14°♉58'03	26°55'34
desc. node	-4682 May 20 j 16:56	17°♉48'04	
retrograde	-4682 May 31 j 11:13	22°♉19'31	
evening set	-4682 Jun 07 j 05:23	20°♉17'35	
min. Earth dist.	-4682 Jun 11 j 00:28	17°♉34'02	0.60805 AU
inferior conj	-4682 Jun 14 j 07:25	14°♉44'58	-4°-14'-15
minimum elong	-4682 Jun 14 j 08:02	14°♉43'37	4°14'06
morning rise	-4682 Jun 21 j 13:46	9°♉56'40	
direct	-4682 Jun 24 j 01:48	9°♉31'39	
morning max el	-4682 Jul 01 j 04:19	13°♉00'59	18°06'16
asc. node	-4682 Jul 04 j 17:30	17°♉08'34	
	-4682 Jul 12 j 16:09	0°♊	
morning set	-4682 Jul 17 j 03:55	8°♊14'54	
superior conj	-4682 Jul 27 j 06:18	26°♊43'10	1°43'54
minimum elong	-4682 Jul 27 j 09:05	26°♊55'31	1°44'00
	-4682 Jul 29 j 02:56	0°♋	
max. Earth dist.	-4682 Aug 03 j 19:06	9°♋43'25	1.41583 AU
evening rise	-4682 Aug 09 j 14:42	19°♋16'13	
	-4682 Aug 16 j 10:40	0°♌	
desc. node	-4682 Aug 16 j 15:50	0°♌19'48	
	-4682 Sep 06 j 16:11	0°♍	
greatest brilliancy	-4682 Sep 07 j 00:29	0°♍25'22	-0.3m
evening max el	-4682 Sep 11 j 18:06	5°♍44'28	22°27'55
retrograde	-4682 Sep 21 j 08:41	11°♍26'29	
evening set	-4682 Sep 25 j 21:58	9°♍36'41	
asc. node	-4682 Sep 30 j 16:32	4°♍05'41	
inferior conj	-4682 Oct 01 j 06:17	3°♍18'15	0°11'44
minimum elong	-4682 Oct 01 j 06:01	3°♍19'13	0°11'44
transit middle	-4682 Oct 01 j 06:01	3°♍19'13	0°11'44
transit begin	-4682 Oct 01 j 04:08	3°♍25'43	
transit end	-4682 Oct 01 j 07:54	3°♍12'43	
min. Earth dist.	-4682 Oct 01 j 05:41	3°♍20'21	0.67385 AU
	-4682 Oct 03 j 17:45	30°℞♌	
morning rise	-4682 Oct 06 j 13:56	27°♌01'57	
direct	-4682 Oct 11 j 02:01	25°♌13'17	
	-4682 Oct 19 j 16:22	0°♍	
morning max el	-4682 Oct 20 j 13:01	0°♍51'08	22°18'43
greatest brilliancy	-4682 Oct 25 j 06:39	6°♍12'36	-0.3m
	-4682 Nov 11 j 08:06	0°♎	
desc. node	-4682 Nov 12 j 15:48	1°♎59'37	
morning set	-4682 Nov 22 j 14:46	17°♎34'19	
max. Earth dist.	-4682 Nov 28 j 08:44	27°♎03'05	1.40934 AU
	-4682 Nov 30 j 02:30	0°♏	
superior conj	-4682 Dec 06 j 02:38	10°♏28'49	-1°-51'-35
minimum elong	-4682 Dec 06 j 00:49	10°♏20'45	1°51'41
evening rise	-4682 Dec 16 j 07:52	29°♏16'36	
	-4682 Dec 16 j 17:09	0°♐	
asc. node	-4682 Dec 27 j 15:16	19°♐05'26	
evening max el	-4681 Jan 01 j 13:46	25°♐15'19	18°16'42
retrograde	-4681 Jan 08 j 17:07	28°♐49'28	
evening set	-4681 Jan 11 j 06:09	28°♐23'18	
inferior conj	-4681 Jan 18 j 09:06	23°♐38'12	4°03'26
minimum elong	-4681 Jan 18 j 09:56	23°♐36'25	4°03'09
min. Earth dist.	-4681 Jan 21 j 16:29	20°♐47'39	0.59900 AU
morning rise	-4681 Jan 25 j 10:46	18°♐05'36	
direct	-4681 Feb 01 j 01:59	16°♐06'21	
desc. node	-4681 Feb 08 j 15:28	18°♐27'34	
morning max el	-4681 Feb 15 j 06:19	23°♐42'21	27°08'58
	-4681 Feb 20 j 23:14	0°♑	
	-4681 Mar 12 j 02:29	0°♒	
morning set	-4681 Mar 18 j 02:20	11°♒54'42	
superior conj	-4681 Mar 25 j 05:40	27°♒14'10	0°-3'-55
minimum elong	-4681 Mar 25 j 05:50	27°♒15'09	0°04'02
behind sun begin	-4681 Mar 25 j 00:58	26°♒48'32	
behind sun end	-4681 Mar 25 j 10:42	27°♒41'45	
max. Earth dist.	-4681 Mar 24 j 19:41	26°♒19'38	1.32603 AU
asc. node	-4681 Mar 25 j 14:41	28°♒03'35	
	-4681 Mar 26 j 11:58	0°♓	
evening rise	-4681 Apr 01 j 06:09	12°♓23'37	
	-4681 Apr 10 j 07:04	0°♈	
evening max el	-4681 Apr 29 j 09:34	26°♈32'22	25°56'14
	-4681 May 03 j 12:00	0°♉	
desc. node	-4681 May 07 j 14:05	2°♉25'29	
retrograde	-4681 May 13 j 11:41	3°♉48'00	
evening set	-4681 May 19 j 09:30	2°♉23'11	
	-4681 May 23 j 10:17	30°℞♈	
min. Earth dist.	-4681 May 23 j 22:06	29°♈39'15	0.58775 AU
inferior conj	-4681 May 27 j 06:13	27°♈10'47	-4°-4'-27
minimum elong	-4681 May 27 j 03:36	27°♈15'41	4°04'07
morning rise	-4681 Jun 04 j 01:35	22°♈44'33	
direct	-4681 Jun 06 j 12:50	22°♈24'13	
morning max el	-4681 Jun 14 j 12:10	26°♈11'03	18°35'27
	-4681 Jun 17 j 21:36	0°♉	
asc. node	-4681 Jun 21 j 14:30	5°♉24'02	
morning set	-4681 Jun 30 j 17:36	21°♉58'07	
	-4681 Jul 04 j 21:20	0°♊	
superior conj	-4681 Jul 09 j 17:56	9°♊13'50	1°49'24
minimum elong	-4681 Jul 09 j 18:03	9°♊14'20	1°49'37
max. Earth dist.	-4681 Jul 16 j 22:23	22°♊14'45	1.39680 AU
evening rise	-4681 Jul 21 j 05:14	29°♊36'38	
	-4681 Jul 21 j 10:48	0°♋	
desc. node	-4681 Aug 03 j 12:51	20°♋45'41	
	-4681 Aug 09 j 21:24	0°♌	
evening max el	-4681 Aug 25 j 06:49	19°♌10'16	23°48'43
retrograde	-4681 Sep 05 j 00:27	25°♌30'17	
evening set	-4681 Sep 10 j 04:21	23°♌20'21	
min. Earth dist.	-4681 Sep 15 j 01:43	17°♌37'16	0.67336 AU
inferior conj	-4681 Sep 15 j 12:39	17°♌00'02	0°-41'-33
minimum elong	-4681 Sep 15 j 13:37	16°♌56'45	0°40'59
asc. node	-4681 Sep 17 j 13:40	14°♌17'37	
morning rise	-4681 Sep 20 j 23:01	10°♌48'24	
direct	-4681 Sep 24 j 21:46	9°♌20'20	
morning max el	-4681 Oct 03 j 06:52	14°♌16'21	20°59'11
greatest brilliancy	-4681 Oct 09 j 00:08	21°♌00'13	-0.5m
	-4681 Oct 15 j 13:14	0°♍	
desc. node	-4681 Oct 30 j 12:42	22°♍25'36	
morning set	-4681 Nov 01 j 21:13	26°♍05'12	
	-4681 Nov 04 j 09:03	0°♎	
max. Earth dist.	-4681 Nov 10 j 13:56	9°♎56'13	1.42746 AU
superior conj	-4681 Nov 17 j 09:37	21°♎14'52	-1°-37'-15
minimum elong	-4681 Nov 17 j 04:18	20°♎52'24	1°36'57
	-4681 Nov 22 j 11:57	0°♏	
evening rise	-4681 Nov 29 j 04:06	11°♏47'54	
	-4681 Dec 09 j 16:59	0°♐	
asc. node	-4681 Dec 14 j 12:22	6°♐42'03	
evening max el	-4681 Dec 16 j 00:42	8°♐21'06	18°07'53
retrograde	-4681 Dec 22 j 16:47	11°♐49'45	
evening set	-4681 Dec 25 j 08:18	11°♐16'40	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4681 Dec 31 j 23:11	6°♐09'47	4°00'46
minimum elong	-4681 Dec 31 j 21:36	6°♐13'43	4°00'26
min. Earth dist.	-4680 Jan 03 j 20:52	3°♐18'03	0.61860 AU
morning rise	-4680 Jan 07 j 08:42	0°♐21'40	
	-4680 Jan 07 j 21:25	30°℞♏	
direct	-4680 Jan 14 j 09:33	27°♏51'18	
	-4680 Jan 21 j 09:08	0°♐	
desc. node	-4680 Jan 26 j 12:31	3°♐48'34	
morning max el	-4680 Jan 28 j 09:24	5°♐33'21	27°39'49
	-4680 Feb 15 j 19:54	0°♑	
morning set	-4680 Mar 01 j 07:32	26°♑33'01	
	-4680 Mar 02 j 23:42	0°♒	
max. Earth dist.	-4680 Mar 07 j 07:05	9°♒09'14	1.32808 AU
superior conj	-4680 Mar 08 j 16:20	12°♒09'23	0°-28'-46
minimum elong	-4680 Mar 08 j 17:37	12°♒16'19	0°28'43
asc. node	-4680 Mar 11 j 11:39	18°♒15'30	
evening rise	-4680 Mar 15 j 17:25	27°♒21'25	
	-4680 Mar 16 j 23:48	0°♓	
	-4680 Apr 03 j 12:07	0°♈	
evening max el	-4680 Apr 10 j 02:41	7°♈30'17	24°33'23
desc. node	-4680 Apr 23 j 11:14	14°♈31'48	
retrograde	-4680 Apr 24 j 01:17	14°♈32'35	
evening set	-4680 Apr 28 j 17:02	13°♈43'32	
min. Earth dist.	-4680 May 04 j 14:44	10°♈43'47	0.56938 AU
inferior conj	-4680 May 07 j 09:13	8°♈56'35	-3°-20'-41
minimum elong	-4680 May 07 j 03:48	9°♈05'21	3°19'32
morning rise	-4680 May 15 j 18:46	4°♈49'25	
direct	-4680 May 18 j 05:22	4°♈32'52	
morning max el	-4680 May 27 j 12:21	8°♈52'09	19°24'57
asc. node	-4680 Jun 07 j 11:28	24°♈17'51	
	-4680 Jun 10 j 12:49	0°♉	
morning set	-4680 Jun 13 j 16:32	6°♉11'25	
superior conj	-4680 Jun 21 j 22:26	22°♉37'07	1°45'09
minimum elong	-4680 Jun 21 j 20:44	22°♉28'45	1°45'15
	-4680 Jun 25 j 18:31	0°♊	
max. Earth dist.	-4680 Jun 27 j 23:55	4°♊09'33	1.37754 AU
evening rise	-4680 Jul 01 j 21:46	11°♊14'06	
	-4680 Jul 13 j 03:44	0°♋	
desc. node	-4680 Jul 20 j 09:53	10°♋56'13	
	-4680 Aug 04 j 04:21	0°♌	
evening max el	-4680 Aug 06 j 17:23	2°♌38'56	25°06'49
retrograde	-4680 Aug 18 j 12:18	9°♌30'41	
evening set	-4680 Aug 24 j 07:19	7°♌02'24	
min. Earth dist.	-4680 Aug 28 j 19:30	1°♌55'23	0.66970 AU
inferior conj	-4680 Aug 29 j 17:19	0°♌43'31	-1°-33'-47
minimum elong	-4680 Aug 29 j 19:27	0°♌36'29	1°32'44
	-4680 Aug 30 j 06:35	30°℞♋	
asc. node	-4680 Sep 03 j 10:46	25°♋19'45	
morning rise	-4680 Sep 04 j 08:02	24°♋39'39	
direct	-4680 Sep 07 j 19:30	23°♋29'37	
morning max el	-4680 Sep 15 j 07:53	27°♋50'28	19°51'02
	-4680 Sep 17 j 07:03	0°♌	
greatest brilliancy	-4680 Sep 23 j 05:06	7°♌44'36	-0.6m
	-4680 Oct 08 j 00:35	0°♍	
morning set	-4680 Oct 10 j 20:15	4°♍21'53	
desc. node	-4680 Oct 16 j 09:36	13°♍01'26	
max. Earth dist.	-4680 Oct 23 j 01:46	23°♍33'21	1.44068 AU
	-4680 Oct 27 j 02:16	0°♎	
superior conj	-4680 Oct 27 j 13:04	0°♎43'34	-1°-6'-37
minimum elong	-4680 Oct 27 j 06:24	0°♎16'41	1°05'53
evening rise	-4680 Nov 10 j 05:52	23°♎27'55	
	-4680 Nov 14 j 02:08	0°♏	
evening max el	-4680 Nov 28 j 13:25	21°♏39'03	18°18'08
asc. node	-4680 Nov 30 j 09:28	23°♏18'27	

retrograde	-4680 Dec 05 j 02:54	25°♏13'04	
evening set	-4680 Dec 07 j 22:03	24°♏31'38	
inferior conj	-4680 Dec 14 j 03:15	19°♏04'58	3°39'09
minimum elong	-4680 Dec 14 j 00:21	19°♏13'01	3°38'27
min. Earth dist.	-4680 Dec 16 j 11:04	16°♏30'44	0.63618 AU
morning rise	-4680 Dec 20 j 01:04	13°♏05'26	
direct	-4680 Dec 27 j 01:12	10°♏18'05	
morning max el	-4679 Jan 09 j 17:03	18°♏01'08	27°34'24
desc. node	-4679 Jan 12 j 09:32	20°♏49'31	
	-4679 Jan 19 j 20:33	0°♐	
	-4679 Feb 07 j 14:55	0°♑	
morning set	-4679 Feb 13 j 05:58	10°♑46'54	
max. Earth dist.	-4679 Feb 18 j 12:12	21°♑33'44	1.33392 AU
superior conj	-4679 Feb 21 j 00:13	26°♑52'11	0°-52'-56
minimum elong	-4679 Feb 21 j 02:28	27°♑04'13	0°52'46
	-4679 Feb 22 j 11:15	0°♒	
asc. node	-4679 Feb 26 j 08:38	8°♒21'02	
evening rise	-4679 Feb 28 j 04:52	12°♒15'06	
	-4679 Mar 09 j 08:36	0°♓	
evening max el	-4679 Mar 22 j 19:06	18°♓13'53	22°59'49
retrograde	-4679 Apr 05 j 02:22	24°♓46'07	
evening set	-4679 Apr 08 j 11:38	24°♓21'01	
desc. node	-4679 Apr 10 j 08:23	23°♓47'12	
min. Earth dist.	-4679 Apr 16 j 05:32	20°♓53'44	0.55647 AU
inferior conj	-4679 Apr 17 j 17:12	20°♓01'51	-1°-57'-32
minimum elong	-4679 Apr 17 j 12:22	20°♓08'54	1°56'07
morning rise	-4679 Apr 26 j 15:54	16°♓04'03	
direct	-4679 Apr 29 j 03:58	15°♓49'04	
morning max el	-4679 May 10 j 02:31	20°♓55'28	20°34'24
	-4679 May 17 j 12:17	0°♈	
asc. node	-4679 May 25 j 08:26	13°♈40'37	
morning set	-4679 May 28 j 21:53	20°♈47'13	
	-4679 Jun 02 j 09:14	0°♉	
superior conj	-4679 Jun 05 j 14:59	6°♉38'52	1°33'45
minimum elong	-4679 Jun 05 j 12:25	6°♉25'45	1°33'38
max. Earth dist.	-4679 Jun 10 j 06:28	15°♉54'36	1.36037 AU
evening rise	-4679 Jun 14 j 11:57	23°♉57'40	
	-4679 Jun 17 j 19:33	0°♊	
	-4679 Jul 06 j 18:12	0°♋	
desc. node	-4679 Jul 07 j 06:57	0°♋43'58	
evening max el	-4679 Jul 20 j 04:08	16°♋09'09	26°14'07
retrograde	-4679 Aug 01 j 19:31	23°♋21'30	
evening set	-4679 Aug 08 j 04:47	20°♋39'39	
min. Earth dist.	-4679 Aug 12 j 08:36	16°♋10'58	0.66268 AU
inferior conj	-4679 Aug 13 j 18:26	14°♋25'36	-2°-23'-11
minimum elong	-4679 Aug 13 j 21:31	14°♋15'58	2°21'54
morning rise	-4679 Aug 19 j 15:04	8°♋32'44	
asc. node	-4679 Aug 21 j 07:52	7°♋48'42	
direct	-4679 Aug 22 j 17:36	7°♋37'23	
morning max el	-4679 Aug 29 j 15:24	11°♋31'15	18°57'20
	-4679 Sep 11 j 22:17	0°♌	
morning set	-4679 Sep 20 j 10:22	13°♌26'16	
	-4679 Sep 30 j 21:57	0°♍	
desc. node	-4679 Oct 03 j 06:31	3°♍42'49	
max. Earth dist.	-4679 Oct 05 j 18:08	7°♍37'47	1.44740 AU
superior conj	-4679 Oct 06 j 17:50	9°♍11'19	0°-21'-47
minimum elong	-4679 Oct 06 j 15:01	9°♍00'12	0°21'19
	-4679 Oct 19 j 19:25	0°♎	
evening rise	-4679 Oct 22 j 08:25	4°♎06'19	
	-4679 Nov 07 j 21:15	0°♏	
evening max el	-4679 Nov 12 j 01:14	5°♏03'32	18°46'30
asc. node	-4679 Nov 17 j 06:37	8°♏39'02	
retrograde	-4679 Nov 18 j 19:37	8°♏52'15	
evening set	-4679 Nov 21 j 20:09	8°♏00'24	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4679 Nov 27 j 17:42	2°♏16'31	3°04'51
minimum elong	-4679 Nov 27 j 14:28	2°♏26'19	3°03'52
min. Earth dist.	-4679 Nov 29 j 10:59	0°♏11'39	0.65051 AU
	-4679 Nov 29 j 14:55	30°℞♎	
morning rise	-4679 Dec 03 j 07:41	26°♎08'33	
direct	-4679 Dec 09 j 23:31	23°♎19'16	
	-4679 Dec 22 j 04:04	0°♏	
morning max el	-4679 Dec 23 j 02:32	0°♏54'40	26°56'26
desc. node	-4679 Dec 30 j 06:32	9°♏01'15	
	-4678 Jan 13 j 21:18	0°♐	
morning set	-4678 Jan 27 j 18:22	24°♐25'58	
	-4678 Jan 30 j 14:45	0°♑	
max. Earth dist.	-4678 Feb 01 j 07:30	3°♑24'06	1.34405 AU
superior conj	-4678 Feb 05 j 03:19	11°♑16'09	-1°-15'-15
minimum elong	-4678 Feb 05 j 06:14	11°♑31'18	1°15'04
evening rise	-4678 Feb 12 j 14:47	26°♑58'55	
asc. node	-4678 Feb 13 j 05:39	28°♑15'51	
	-4678 Feb 14 j 01:57	0°♒	
evening max el	-4678 Mar 04 j 16:57	29°♒10'09	21°29'01
	-4678 Mar 05 j 14:43	0°♓	
retrograde	-4678 Mar 16 j 17:13	4°♓55'28	
evening set	-4678 Mar 19 j 07:24	4°♓40'16	
desc. node	-4678 Mar 28 j 05:32	0°♓51'27	
inferior conj	-4678 Mar 28 j 13:40	0°♓39'59	0°-5'-36
minimum elong	-4678 Mar 28 j 13:24	0°♓40'21	0°05'39
transit middle	-4678 Mar 28 j 13:24	0°♓40'21	0°05'39
transit begin	-4678 Mar 28 j 09:34	0°♓45'46	
transit end	-4678 Mar 28 j 17:15	0°♓34'57	
min. Earth dist.	-4678 Mar 28 j 19:48	0°♓31'20	0.55188 AU
	-4678 Mar 29 j 18:08	30°℞♒	
morning rise	-4678 Apr 06 j 19:21	26°♒35'59	
direct	-4678 Apr 09 j 16:58	26°♒17'26	
	-4678 Apr 19 j 12:48	0°♓	
morning max el	-4678 Apr 22 j 05:42	2°♓17'06	22°01'20
	-4678 May 10 j 12:53	0°♈	
asc. node	-4678 May 12 j 05:25	3°♈24'57	
morning set	-4678 May 13 j 07:29	5°♈39'15	
superior conj	-4678 May 20 j 16:01	21°♈08'31	1°17'14
minimum elong	-4678 May 20 j 13:19	20°♈54'23	1°16'56
max. Earth dist.	-4678 May 23 j 22:47	27°♈56'40	1.34652 AU
	-4678 May 24 j 23:02	0°♉	
evening rise	-4678 May 28 j 18:25	7°♉32'24	
	-4678 Jun 10 j 09:44	0°♊	
desc. node	-4678 Jun 24 j 04:03	19°♊59'22	
evening max el	-4678 Jul 02 j 15:37	29°♊34'37	27°02'23
	-4678 Jul 03 j 02:14	0°♋	
retrograde	-4678 Jul 15 j 21:25	6°♋56'36	
evening set	-4678 Jul 22 j 18:16	4°♋09'31	
min. Earth dist.	-4678 Jul 26 j 14:43	0°♋19'23	0.65204 AU
	-4678 Jul 26 j 21:33	30°℞♊	
inferior conj	-4678 Jul 28 j 13:55	28°♊03'25	-3°-7'-36
minimum elong	-4678 Jul 28 j 17:31	27°♊53'00	3°06'24
morning rise	-4678 Aug 03 j 18:01	22°♊24'54	
direct	-4678 Aug 06 j 13:58	21°♊41'06	
asc. node	-4678 Aug 08 j 04:58	21°♊55'24	
morning max el	-4678 Aug 13 j 03:40	25°♊16'11	18°19'56
	-4678 Aug 17 j 02:09	0°♋	
morning set	-4678 Sep 01 j 03:01	23°♋48'22	
	-4678 Sep 04 j 21:30	0°♌	
superior conj	-4678 Sep 15 j 18:27	17°♌31'32	0°27'24
minimum elong	-4678 Sep 15 j 21:50	17°♌44'58	0°27'07
max. Earth dist.	-4678 Sep 18 j 12:14	21°♌52'07	1.44690 AU
desc. node	-4678 Sep 20 j 03:26	24°♌26'49	
	-4678 Sep 23 j 16:11	0°♍	

evening rise	-4678 Oct 02 j 09:52	13°♍40'25	
	-4678 Oct 12 j 22:03	0°♎	
greatest brilliancy	-4678 Oct 17 j 12:23	6°♎55'34	-0.7m
evening max el	-4678 Oct 26 j 09:42	18°♎30'29	19°31'31
retrograde	-4678 Nov 02 j 15:50	22°♎42'29	
asc. node	-4678 Nov 04 j 03:47	22°♎29'29	
evening set	-4678 Nov 05 j 23:50	21°♎37'39	
inferior conj	-4678 Nov 11 j 15:33	15°♎39'36	2°22'08
minimum elong	-4678 Nov 11 j 12:41	15°♎48'52	2°21'06
min. Earth dist.	-4678 Nov 12 j 19:23	14°♎09'34	0.66125 AU
morning rise	-4678 Nov 17 j 00:47	9°♎25'42	
direct	-4678 Nov 23 j 03:34	6°♎46'29	
morning max el	-4678 Dec 05 j 11:52	14°♎02'35	25°53'11
desc. node	-4678 Dec 17 j 03:31	28°♎02'51	
	-4678 Dec 18 j 13:36	0°♏	
	-4677 Jan 06 j 15:14	0°♐	
morning set	-4677 Jan 10 j 16:24	7°♐16'50	
max. Earth dist.	-4677 Jan 14 j 15:22	14°♐43'26	1.35869 AU
superior conj	-4677 Jan 19 j 23:05	25°♐13'02	-1°-34'-14
minimum elong	-4677 Jan 20 j 02:04	25°♐28'05	1°34'10
	-4677 Jan 22 j 07:33	0°♑	
evening rise	-4677 Jan 27 j 21:17	11°♑26'26	
asc. node	-4677 Jan 31 j 02:42	17°♑54'26	
	-4677 Feb 06 j 19:25	0°♒	
evening max el	-4677 Feb 15 j 00:12	10°♒36'13	20°10'51
retrograde	-4677 Feb 25 j 08:30	15°♒30'23	
evening set	-4677 Feb 27 j 16:53	15°♒16'20	
inferior conj	-4677 Mar 08 j 11:58	11°♒17'00	1°45'51
minimum elong	-4677 Mar 08 j 16:12	11°♒10'38	1°44'20
min. Earth dist.	-4677 Mar 10 j 09:50	10°♒08'22	0.55663 AU
desc. node	-4677 Mar 15 j 02:42	7°♒41'25	
morning rise	-4677 Mar 17 j 12:58	6°♒50'35	
direct	-4677 Mar 21 j 08:19	6°♒18'50	
morning max el	-4677 Apr 04 j 00:02	13°♒04'13	23°39'07
	-4677 Apr 16 j 21:41	0°♓	
morning set	-4677 Apr 27 j 19:18	20°♓39'57	
asc. node	-4677 Apr 29 j 02:24	23°♓23'47	
	-4677 May 02 j 04:27	0°♈	
superior conj	-4677 May 04 j 22:38	5°♈56'01	0°57'06
minimum elong	-4677 May 04 j 20:22	5°♈43'53	0°56'43
max. Earth dist.	-4677 May 07 j 00:49	10°♈23'38	1.33629 AU
evening rise	-4677 May 12 j 12:26	21°♈42'47	
	-4677 May 16 j 18:51	0°♉	
	-4677 Jun 04 j 06:32	0°♊	
desc. node	-4677 Jun 11 j 01:11	8°♊27'51	
evening max el	-4677 Jun 15 j 02:17	12°♊42'26	27°24'34
retrograde	-4677 Jun 28 j 17:36	20°♊07'06	
evening set	-4677 Jul 05 j 20:38	17°♊26'23	
min. Earth dist.	-4677 Jul 09 j 11:46	14°♊11'02	0.63751 AU
inferior conj	-4677 Jul 12 j 01:09	11°♊31'04	-3°-44'-9
minimum elong	-4677 Jul 12 j 04:32	11°♊22'13	3°43'19
morning rise	-4677 Jul 18 j 14:16	6°♊10'15	
direct	-4677 Jul 21 j 05:48	5°♊35'19	
asc. node	-4677 Jul 26 j 02:03	7°♊31'09	
morning max el	-4677 Jul 27 j 18:17	9°♊00'24	18°00'04
	-4677 Aug 10 j 18:31	0°♋	
morning set	-4677 Aug 13 j 21:32	5°♋24'10	
superior conj	-4677 Aug 26 j 12:45	26°♋46'09	1°08'27
minimum elong	-4677 Aug 26 j 18:41	27°♋10'31	1°08'01
	-4677 Aug 28 j 12:11	0°♌	
max. Earth dist.	-4677 Sep 01 j 04:44	5°♌57'24	1.43925 AU
desc. node	-4677 Sep 07 j 00:24	15°♌10'26	
evening rise	-4677 Sep 11 j 16:42	22°♌27'25	
	-4677 Sep 16 j 14:35	0°♍	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

greatest brilliancy	-4677 Oct 03 j 06:30	24°♍23'18	-0.5m
	-4677 Oct 07 j 17:55	0°♎	
evening max el	-4677 Oct 09 j 12:51	1°♎57'04	20°31'17
retrograde	-4677 Oct 17 j 13:04	6°♎40'15	
evening set	-4677 Oct 21 j 06:44	5°♎19'45	
asc. node	-4677 Oct 22 j 00:56	4°♎43'42	
	-4677 Oct 26 j 03:43	30°℞♍	
inferior conj	-4677 Oct 26 j 18:18	29°♍10'52	1°33'53
minimum elong	-4677 Oct 26 j 16:15	29°♍17'48	1°33'05
min. Earth dist.	-4677 Oct 27 j 10:15	28°♍17'01	0.66853 AU
morning rise	-4677 Nov 01 j 01:17	22°♍53'38	
direct	-4677 Nov 06 j 12:56	20°♍31'55	
morning max el	-4677 Nov 17 j 20:45	27°♍16'40	24°33'46
	-4677 Nov 20 j 10:10	0°♎	
desc. node	-4677 Dec 04 j 00:28	17°♎39'38	
	-4677 Dec 12 j 05:48	0°♏	
morning set	-4677 Dec 23 j 18:31	19°♏04'12	
max. Earth dist.	-4677 Dec 27 j 14:13	25°♏53'08	1.37715 AU
	-4677 Dec 29 j 19:56	0°♐	
superior conj	-4676 Jan 03 j 08:10	8°♐33'21	-1°-47'-51
minimum elong	-4676 Jan 03 j 10:18	8°♐43'41	1°47'58
evening rise	-4676 Jan 11 j 22:09	25°♐31'16	
	-4676 Jan 14 j 04:44	0°♑	
asc. node	-4676 Jan 17 j 23:47	7°♑10'39	
evening max el	-4676 Jan 28 j 17:51	22°♑38'02	19°10'46
retrograde	-4676 Feb 06 j 12:44	26°♑49'41	
evening set	-4676 Feb 08 j 21:54	26°♑32'32	
inferior conj	-4676 Feb 17 j 00:50	22°♑20'10	3°08'28
minimum elong	-4676 Feb 17 j 05:43	22°♑11'48	3°07'10
min. Earth dist.	-4676 Feb 20 j 00:46	20°♑17'52	0.56948 AU
morning rise	-4676 Feb 25 j 09:49	17°♑23'56	
desc. node	-4676 Feb 29 j 23:50	16°♑25'15	
direct	-4676 Mar 01 j 10:50	16°♑24'45	
morning max el	-4676 Mar 15 j 15:03	23°♑40'28	25°15'31
	-4676 Mar 21 j 08:01	0°♒	
	-4676 Apr 08 j 12:53	0°♓	
morning set	-4676 Apr 11 j 07:34	5°♓43'12	
asc. node	-4676 Apr 14 j 23:22	13°♓32'10	
superior conj	-4676 Apr 18 j 08:39	20°♓54'08	0°34'30
minimum elong	-4676 Apr 18 j 07:11	20°♓46'09	0°34'09
max. Earth dist.	-4676 Apr 19 j 10:02	23°♓11'55	1.32962 AU
	-4676 Apr 22 j 14:03	0°♈	
evening rise	-4676 Apr 25 j 14:27	6°♈17'42	
	-4676 May 08 j 08:53	0°♉	
evening max el	-4676 May 27 j 09:42	25°♉19'41	27°15'32
desc. node	-4676 May 27 j 22:20	25°♉49'32	
	-4676 Jun 02 j 05:08	0°♊	
retrograde	-4676 Jun 10 j 07:25	2°♊43'39	
evening set	-4676 Jun 17 j 08:04	0°♊23'23	
	-4676 Jun 17 j 21:49	30°℞♉	
min. Earth dist.	-4676 Jun 20 j 22:56	27°♉32'46	0.61948 AU
inferior conj	-4676 Jun 24 j 01:02	24°♉41'27	-4°-8'-25
minimum elong	-4676 Jun 24 j 03:03	24°♉36'45	4°08'04
morning rise	-4676 Jul 01 j 00:41	19°♉41'04	
direct	-4676 Jul 03 j 13:34	19°♉12'58	
morning max el	-4676 Jul 10 j 08:33	22°♉37'37	17°58'34
asc. node	-4676 Jul 11 j 23:06	24°♉20'47	
	-4676 Jul 16 j 02:53	0°♊	
morning set	-4676 Jul 26 j 12:44	17°♊59'14	
	-4676 Aug 02 j 05:10	0°♋	
superior conj	-4676 Aug 06 j 10:25	7°♋22'17	1°35'08
minimum elong	-4676 Aug 06 j 14:49	7°♋41'15	1°35'03
max. Earth dist.	-4676 Aug 13 j 16:14	19°♋33'24	1.42559 AU
	-4676 Aug 20 j 03:51	0°♌	

evening rise	-4676 Aug 20 j 22:20	1°♌12'54	
desc. node	-4676 Aug 23 j 21:22	5°♌50'10	
	-4676 Sep 09 j 04:28	0°♍	
greatest brilliancy	-4676 Sep 16 j 11:04	9°♍42'44	-0.4m
evening max el	-4676 Sep 21 j 09:36	15°♍21'53	21°42'58
retrograde	-4676 Sep 30 j 09:20	20°♍42'12	
evening set	-4676 Oct 04 j 14:50	19°♍03'39	
asc. node	-4676 Oct 07 j 22:06	15°♍34'41	
inferior conj	-4676 Oct 09 j 23:52	12°♍47'31	0°42'15
minimum elong	-4676 Oct 09 j 22:54	12°♍50'51	0°41'56
min. Earth dist.	-4676 Oct 10 j 05:07	12°♍29'24	0.67272 AU
morning rise	-4676 Oct 15 j 06:43	6°♍29'48	
direct	-4676 Oct 20 j 03:03	4°♍28'55	
morning max el	-4676 Oct 30 j 06:42	10°♍32'51	23°07'40
greatest brilliancy	-4676 Nov 04 j 08:42	16°♍16'30	-0.3m
	-4676 Nov 14 j 15:07	0°♎	
desc. node	-4676 Nov 19 j 21:23	7°♎40'48	
morning set	-4676 Dec 03 j 18:34	29°♎32'02	
	-4676 Dec 04 j 01:17	0°♏	
max. Earth dist.	-4676 Dec 08 j 10:12	7°♏24'29	1.39765 AU
superior conj	-4676 Dec 16 j 02:05	21°♏04'24	-1°-53'-24
minimum elong	-4676 Dec 16 j 02:06	21°♏04'26	1°53'35
	-4676 Dec 20 j 20:33	0°♐	
evening rise	-4676 Dec 25 j 14:36	9°♐05'32	
asc. node	-4675 Jan 03 j 20:52	25°♐56'12	
	-4675 Jan 06 j 12:49	0°♑	
evening max el	-4675 Jan 10 j 20:21	5°♑11'08	18°30'40
retrograde	-4675 Jan 18 j 11:05	8°♑54'35	
evening set	-4675 Jan 20 j 22:36	8°♑32'10	
inferior conj	-4675 Jan 28 j 09:43	4°♑00'02	3°53'05
minimum elong	-4675 Jan 28 j 12:14	3°♑55'00	3°52'35
min. Earth dist.	-4675 Jan 31 j 18:41	1°♑20'12	0.58757 AU
	-4675 Feb 02 j 15:34	30°℞♐	
morning rise	-4675 Feb 04 j 22:23	28°♐38'25	
direct	-4675 Feb 11 j 02:34	27°♐00'53	
desc. node	-4675 Feb 15 j 20:56	27°♐56'59	
	-4675 Feb 19 j 19:06	0°♑	
morning max el	-4675 Feb 25 j 08:33	4°♑32'46	26°35'31
	-4675 Mar 15 j 23:09	0°♒	
morning set	-4675 Mar 26 j 18:35	20°♒42'30	
	-4675 Mar 31 j 02:58	0°♓	
asc. node	-4675 Apr 01 j 20:20	3°♓45'31	
superior conj	-4675 Apr 02 j 20:15	5°♓56'23	0°10'22
minimum elong	-4675 Apr 02 j 19:48	5°♓53'55	0°10'09
behind sun begin	-4675 Apr 02 j 15:57	5°♓32'51	
behind sun end	-4675 Apr 02 j 23:39	6°♓14'58	
max. Earth dist.	-4675 Apr 02 j 22:56	6°♓11'04	1.32633 AU
evening rise	-4675 Apr 09 j 21:44	21°♓07'57	
	-4675 Apr 14 j 07:11	0°♈	
	-4675 May 02 j 22:12	0°♉	
evening max el	-4675 May 09 j 11:50	7°♉17'55	26°33'52
desc. node	-4675 May 14 j 19:29	11°♉37'01	
retrograde	-4675 May 23 j 13:43	14°♉38'23	
evening set	-4675 May 30 j 00:32	12°♉51'33	
min. Earth dist.	-4675 Jun 03 j 01:07	10°♉09'51	0.59929 AU
inferior conj	-4675 Jun 06 j 10:03	7°♉26'33	-4°-13'-40
minimum elong	-4675 Jun 06 j 09:23	7°♉27'54	4°13'32
morning rise	-4675 Jun 13 j 21:47	2°♉47'57	
direct	-4675 Jun 16 j 09:16	2°♉25'11	
morning max el	-4675 Jun 23 j 19:36	6°♉00'35	18°16'16
asc. node	-4675 Jun 28 j 20:06	12°♉09'10	
	-4675 Jul 09 j 02:20	0°♊	
morning set	-4675 Jul 09 j 19:30	1°♊21'02	
superior conj	-4675 Jul 19 j 09:46	19°♊15'43	1°47'37

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4675 Jul 19 j 11:20	19°♊22'52	1°47'48
	-4675 Jul 25 j 11:13	0°♋	
max. Earth dist.	-4675 Jul 26 j 21:40	2°♋27'48	1.40784 AU
evening rise	-4675 Jul 31 j 22:04	10°♋50'55	
desc. node	-4675 Aug 10 j 18:22	26°♋22'41	
	-4675 Aug 13 j 04:04	0°♌	
greatest brilliancy	-4675 Aug 29 j 19:31	22°♌56'13	-0.3m
evening max el	-4675 Sep 04 j 00:45	28°♌47'14	23°02'10
	-4675 Sep 05 j 06:44	0°♍	
retrograde	-4675 Sep 14 j 03:06	4°♍46'24	
evening set	-4675 Sep 18 j 22:21	2°♍48'13	
	-4675 Sep 21 j 14:45	30°℞♌	
inferior conj	-4675 Sep 24 j 06:27	26°♌28'27	0°-10'-52
minimum elong	-4675 Sep 24 j 06:42	26°♌27'36	0°10'38
transit middle	-4675 Sep 24 j 06:42	26°♌27'36	0°10'38
transit begin	-4675 Sep 24 j 04:39	26°♌34'41	
transit end	-4675 Sep 24 j 08:45	26°♌20'32	
min. Earth dist.	-4675 Sep 24 j 01:32	26°♌45'24	0.67396 AU
asc. node	-4675 Sep 24 j 19:13	25°♌44'32	
morning rise	-4675 Sep 29 j 15:01	20°♌13'28	
direct	-4675 Oct 03 j 21:11	18°♌33'43	
morning max el	-4675 Oct 12 j 20:45	23°♌53'40	21°43'42
greatest brilliancy	-4675 Oct 17 j 21:08	29°♌38'53	-0.4m
	-4675 Oct 18 j 03:52	0°♍	
desc. node	-4675 Nov 06 j 18:17	27°♍59'36	
	-4675 Nov 08 j 01:39	0°♎	
morning set	-4675 Nov 13 j 14:10	8°♎38'19	
max. Earth dist.	-4675 Nov 20 j 10:36	19°♎44'49	1.41752 AU
	-4675 Nov 26 j 12:10	0°♏	
superior conj	-4675 Nov 27 j 23:31	2°♏33'15	-1°-47'-23
minimum elong	-4675 Nov 27 j 20:11	2°♏18'44	1°47'21
evening rise	-4675 Dec 08 j 19:21	22°♏02'11	
	-4675 Dec 13 j 04:04	0°♐	
asc. node	-4675 Dec 21 j 17:56	14°♐01'33	
evening max el	-4675 Dec 25 j 05:07	18°♐07'52	18°10'35
retrograde	-4674 Jan 01 j 02:26	21°♐37'52	
evening set	-4674 Jan 03 j 16:29	21°♐08'53	
inferior conj	-4674 Jan 10 j 14:02	16°♐14'43	4°05'02
minimum elong	-4674 Jan 10 j 13:43	16°♐15'27	4°04'49
min. Earth dist.	-4674 Jan 13 j 18:20	13°♐20'41	0.60754 AU
morning rise	-4674 Jan 17 j 08:18	10°♐35'00	
direct	-4674 Jan 24 j 05:14	8°♐20'38	
desc. node	-4674 Feb 02 j 17:59	12°♐04'30	
morning max el	-4674 Feb 07 j 07:48	15°♐59'57	27°26'23
	-4674 Feb 18 j 20:11	0°♑	
	-4674 Mar 08 j 09:11	0°♒	
morning set	-4674 Mar 11 j 02:30	5°♒30'45	
max. Earth dist.	-4674 Mar 17 j 11:56	19°♒08'11	1.32644 AU
superior conj	-4674 Mar 18 j 07:45	20°♒56'14	0°-14'-29
minimum elong	-4674 Mar 18 j 08:24	20°♒59'48	0°14'32
behind sun begin	-4674 Mar 18 j 06:25	20°♒48'59	
behind sun end	-4674 Mar 18 j 10:23	21°♒10'37	
asc. node	-4674 Mar 19 j 17:17	23°♒59'23	
	-4674 Mar 22 j 11:36	0°♓	
evening rise	-4674 Mar 25 j 08:06	6°♓05'26	
	-4674 Apr 07 j 01:35	0°♈	
evening max el	-4674 Apr 21 j 07:59	18°♈35'50	25°23'20
desc. node	-4674 May 01 j 16:38	25°♈14'31	
retrograde	-4674 May 05 j 09:56	25°♈47'06	
evening set	-4674 May 10 j 19:28	24°♈38'45	
min. Earth dist.	-4674 May 15 j 20:30	21°♈49'28	0.57942 AU
inferior conj	-4674 May 19 j 00:41	19°♈36'30	-3°-50'-36
minimum elong	-4674 May 18 j 20:40	19°♈43'34	3°49'59
morning rise	-4674 May 27 j 01:57	15°♈18'43	
direct	-4674 May 29 j 12:46	15°♈00'10	
morning max el	-4674 Jun 07 j 00:29	18°♈59'25	18°53'59
	-4674 Jun 15 j 07:00	0°♉	
asc. node	-4674 Jun 15 j 17:05	0°♉42'19	
morning set	-4674 Jun 23 j 13:31	15°♉18'08	
	-4674 Jul 01 j 01:59	0°♊	
superior conj	-4674 Jul 02 j 05:12	2°♊10'18	1°48'38
minimum elong	-4674 Jul 02 j 04:25	2°♊06'34	1°48'48
max. Earth dist.	-4674 Jul 08 j 23:29	14°♊41'16	1.38848 AU
evening rise	-4674 Jul 12 j 23:59	21°♊45'00	
	-4674 Jul 17 j 21:51	0°♋	
desc. node	-4674 Jul 28 j 15:24	16°♋42'45	
	-4674 Aug 07 j 02:58	0°♌	
evening max el	-4674 Aug 17 j 12:24	12°♌14'45	24°22'49
retrograde	-4674 Aug 28 j 17:13	18°♌48'57	
evening set	-4674 Sep 03 j 03:29	16°♌31'08	
min. Earth dist.	-4674 Sep 07 j 20:56	11°♌02'55	0.67220 AU
inferior conj	-4674 Sep 08 j 12:18	10°♌11'12	-1°-3'-55
minimum elong	-4674 Sep 08 j 13:46	10°♌06'13	1°03'08
asc. node	-4674 Sep 11 j 16:19	6°♌11'28	
morning rise	-4674 Sep 14 j 00:18	4°♌02'19	
direct	-4674 Sep 17 j 18:04	2°♌42'04	
morning max el	-4674 Sep 25 j 17:28	7°♌22'00	20°28'33
greatest brilliancy	-4674 Oct 02 j 05:02	15°♌11'18	-0.5m
	-4674 Oct 12 j 12:29	0°♍	
morning set	-4674 Oct 23 j 14:34	16°♍54'41	
desc. node	-4674 Oct 24 j 15:13	18°♍30'24	
	-4674 Oct 31 j 22:15	0°♎	
max. Earth dist.	-4674 Nov 02 j 18:52	2°♎58'51	1.43384 AU
superior conj	-4674 Nov 08 j 19:01	12°♎47'08	-1°-26'-19
minimum elong	-4674 Nov 08 j 12:38	12°♎20'43	1°25'46
	-4674 Nov 18 j 22:15	0°♏	
evening rise	-4674 Nov 21 j 08:18	4°♏13'02	
	-4674 Dec 07 j 11:29	0°♐	
evening max el	-4674 Dec 08 j 17:15	1°♐20'31	18°09'59
asc. node	-4674 Dec 08 j 15:02	1°♐14'53	
retrograde	-4674 Dec 15 j 07:02	4°♐49'49	
evening set	-4674 Dec 18 j 00:03	4°♐13'14	
	-4674 Dec 23 j 10:18	30°℞♏	
inferior conj	-4674 Dec 24 j 10:32	28°♏57'37	3°53'28
minimum elong	-4674 Dec 24 j 08:16	29°♏03'33	3°53'00
min. Earth dist.	-4674 Dec 27 j 02:33	26°♏11'38	0.62647 AU
morning rise	-4674 Dec 30 j 14:36	23°♏04'33	
direct	-4673 Jan 06 j 16:26	20°♏25'09	
morning max el	-4673 Jan 20 j 12:58	28°♏07'31	27°41'50
desc. node	-4673 Jan 20 j 15:02	28°♏12'36	
	-4673 Jan 22 j 08:56	0°♐	
	-4673 Feb 12 j 13:01	0°♑	
morning set	-4673 Feb 23 j 05:12	20°♑00'23	
	-4673 Feb 28 j 00:40	0°♒	
max. Earth dist.	-4673 Feb 28 j 21:16	1°♒49'48	1.33011 AU
superior conj	-4673 Mar 02 j 17:31	5°♒47'47	0°-39'-10
minimum elong	-4673 Mar 02 j 19:14	5°♒57'03	0°39'02
asc. node	-4673 Mar 06 j 14:16	14°♒09'48	
evening rise	-4673 Mar 09 j 19:44	21°♒03'18	
	-4673 Mar 14 j 05:02	0°♓	
evening max el	-4673 Apr 03 j 00:19	29°♓25'39	23°54'05
	-4673 Apr 03 j 14:57	0°♈	
retrograde	-4673 Apr 16 j 17:48	6°♈16'39	
desc. node	-4673 Apr 18 j 13:46	6°♈09'06	
evening set	-4673 Apr 20 j 20:04	5°♈39'35	
min. Earth dist.	-4673 Apr 27 j 11:58	2°♈29'47	0.56309 AU
inferior conj	-4673 Apr 29 j 19:15	1°♈05'10	-2°-50'-8
minimum elong	-4673 Apr 29 j 13:31	1°♈13'58	2°48'41
	-4673 May 01 j 14:22	30°℞♓	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning rise	-4673 May 08 j 10:43	27°♓03'24	
direct	-4673 May 10 j 21:41	26°♓47'44	
	-4673 May 19 j 04:39	0°♈	
morning max el	-4673 May 20 j 20:34	1°♈25'18	19°52'04
asc. node	-4673 Jun 02 j 14:05	19°♈49'52	
morning set	-4673 Jun 07 j 15:32	29°♈42'22	
	-4673 Jun 07 j 19:02	0°♉	
superior conj	-4673 Jun 15 j 15:22	15°♉51'33	1°41'03
minimum elong	-4673 Jun 15 j 13:11	15°♉40'40	1°41'04
max. Earth dist.	-4673 Jun 21 j 02:52	26°♉30'21	1.36995 AU
	-4673 Jun 22 j 23:39	0°♊	
evening rise	-4673 Jun 25 j 02:26	3°♊52'27	
	-4673 Jul 10 j 21:41	0°♋	
desc. node	-4673 Jul 15 j 12:25	6°♋44'26	
evening max el	-4673 Jul 30 j 22:58	25°♋44'45	25°37'15
	-4673 Aug 04 j 22:50	0°♌	
retrograde	-4673 Aug 12 j 02:57	2°♌45'51	
evening set	-4673 Aug 18 j 04:22	0°♌11'00	
	-4673 Aug 18 j 09:22	30°℞♋	
min. Earth dist.	-4673 Aug 22 j 12:56	25°♋20'16	0.66720 AU
inferior conj	-4673 Aug 23 j 15:41	23°♋54'05	-1°-55'-11
minimum elong	-4673 Aug 23 j 18:16	23°♋45'46	1°54'01
morning rise	-4673 Aug 29 j 08:44	17°♋54'38	
asc. node	-4673 Aug 29 j 13:26	17°♋47'20	
direct	-4673 Sep 01 j 16:12	16°♋51'07	
morning max el	-4673 Sep 08 j 21:25	20°♋58'59	19°26'19
	-4673 Sep 16 j 01:28	0°♌	
greatest brilliancy	-4673 Sep 18 j 10:11	3°♌25'28	-0.7m
morning set	-4673 Oct 02 j 17:42	25°♌25'34	
	-4673 Oct 05 j 15:59	0°♍	
desc. node	-4673 Oct 11 j 12:07	9°♍08'55	
max. Earth dist.	-4673 Oct 16 j 09:32	16°♍51'50	1.44441 AU
superior conj	-4673 Oct 19 j 11:22	21°♍45'16	0°-48'-55
minimum elong	-4673 Oct 19 j 05:41	21°♍22'36	0°48'12
	-4673 Oct 24 j 14:34	0°♎	
evening rise	-4673 Nov 03 j 00:43	15°♎28'08	
	-4673 Nov 11 j 19:20	0°♏	
evening max el	-4673 Nov 22 j 05:54	14°♏41'51	18°28'03
asc. node	-4673 Nov 25 j 12:10	17°♏21'17	
retrograde	-4673 Nov 28 j 20:33	18°♏21'07	
evening set	-4673 Dec 01 j 17:47	17°♏35'24	
inferior conj	-4673 Dec 07 j 19:27	12°♏00'45	3°25'54
minimum elong	-4673 Dec 07 j 16:18	12°♏09'50	3°25'03
min. Earth dist.	-4673 Dec 09 j 20:53	9°♏38'20	0.64266 AU
morning rise	-4673 Dec 13 j 13:31	5°♏57'21	
direct	-4673 Dec 20 j 10:44	3°♏07'51	
morning max el	-4672 Jan 02 j 21:52	10°♏48'23	27°22'01
desc. node	-4672 Jan 07 j 12:04	15°♏46'54	
	-4672 Jan 18 j 04:22	0°♐	
	-4672 Feb 04 j 22:02	0°♑	
morning set	-4672 Feb 06 j 23:51	4°♑01'09	
max. Earth dist.	-4672 Feb 11 j 22:55	14°♑02'11	1.33774 AU
superior conj	-4672 Feb 14 j 23:39	20°♑23'32	-1°-2'-42
minimum elong	-4672 Feb 15 j 02:13	20°♑37'12	1°02'30
	-4672 Feb 19 j 11:49	0°♒	
asc. node	-4672 Feb 21 j 11:16	4°♒11'35	
evening rise	-4672 Feb 22 j 06:47	5°♒53'57	
	-4672 Mar 06 j 10:39	0°♓	
evening max el	-4672 Mar 14 j 18:09	10°♓10'59	22°20'03
retrograde	-4672 Mar 27 j 13:47	16°♓25'08	
evening set	-4672 Mar 30 j 13:23	16°♓05'31	
desc. node	-4672 Apr 04 j 10:56	14°♓19'14	
min. Earth dist.	-4672 Apr 08 j 02:07	12°♓22'35	0.55345 AU
inferior conj	-4672 Apr 08 j 20:55	11°♓55'55	-1°-12'-10
minimum elong	-4672 Apr 08 j 17:41	12°♓00'31	1°11'11
morning rise	-4672 Apr 17 j 23:49	7°♓58'07	
direct	-4672 Apr 20 j 14:36	7°♓42'30	
morning max el	-4672 May 02 j 06:04	13°♓10'50	21°09'33
	-4672 May 14 j 12:01	0°♈	
asc. node	-4672 May 19 j 11:04	9°♈22'38	
morning set	-4672 May 21 j 22:58	14°♈26'01	
superior conj	-4672 May 29 j 11:57	0°♉06'33	1°27'16
minimum elong	-4672 May 29 j 09:14	29°♈52'35	1°27'04
	-4672 May 29 j 10:40	0°♉	
max. Earth dist.	-4672 Jun 02 j 13:17	8°♉20'19	1.35403 AU
evening rise	-4672 Jun 07 j 00:09	16°♉59'19	
	-4672 Jun 14 j 04:54	0°♊	
desc. node	-4672 Jul 01 j 09:29	26°♊19'49	
	-4672 Jul 04 j 05:25	0°♋	
evening max el	-4672 Jul 12 j 09:56	9°♋13'31	26°37'22
retrograde	-4672 Jul 25 j 08:00	16°♋31'19	
evening set	-4672 Jul 31 j 22:48	13°♋45'41	
min. Earth dist.	-4672 Aug 04 j 23:13	9°♋33'53	0.65862 AU
inferior conj	-4672 Aug 06 j 14:42	7°♋34'42	-2°-42'-48
minimum elong	-4672 Aug 06 j 18:05	7°♋24'29	2°41'31
morning rise	-4672 Aug 12 j 14:21	1°♋47'53	
asc. node	-4672 Aug 15 j 10:34	0°♋58'01	
direct	-4672 Aug 15 j 13:47	0°♋57'54	
morning max el	-4672 Aug 22 j 07:21	4°♋42'36	18°39'25
	-4672 Sep 08 j 15:37	0°♌	
morning set	-4672 Sep 11 j 18:36	5°♌02'00	
superior conj	-4672 Sep 27 j 11:29	0°♍01'33	0°00'-38
minimum elong	-4672 Sep 27 j 11:25	0°♍01'18	0°00'32
behind sun begin	-4672 Sep 27 j 00:02	29°♌16'24	
behind sun end	-4672 Sep 27 j 22:49	0°♍46'12	
desc. node	-4672 Sep 27 j 09:01	29°♌51'47	
	-4672 Sep 27 j 11:05	0°♍	
max. Earth dist.	-4672 Sep 28 j 03:11	1°♍03'26	1.44801 AU
evening rise	-4672 Oct 13 j 16:35	25°♍39'13	
	-4672 Oct 16 j 10:06	0°♎	
evening max el	-4672 Nov 04 j 16:31	28°♎07'33	19°03'40
	-4672 Nov 06 j 17:19	0°♏	
asc. node	-4672 Nov 11 j 09:20	2°♏05'16	
retrograde	-4672 Nov 11 j 15:14	2°♏05'36	
evening set	-4672 Nov 14 j 18:36	1°♏08'38	
	-4672 Nov 16 j 07:50	30°℞♎	
inferior conj	-4672 Nov 20 j 13:26	25°♎18'10	2°47'38
minimum elong	-4672 Nov 20 j 10:17	25°♎28'01	2°46'35
min. Earth dist.	-4672 Nov 22 j 00:48	23°♎27'42	0.65543 AU
morning rise	-4672 Nov 26 j 01:01	19°♎07'06	
direct	-4672 Dec 02 j 11:33	16°♎20'59	
morning max el	-4672 Dec 15 j 07:45	23°♎50'27	26°32'12
	-4672 Dec 20 j 21:24	0°♏	
desc. node	-4672 Dec 24 j 09:05	4°♏22'08	
	-4671 Jan 10 j 12:42	0°♐	
morning set	-4671 Jan 20 j 06:47	17°♐21'45	
max. Earth dist.	-4671 Jan 24 j 13:32	25°♐38'41	1.34975 AU
	-4671 Jan 26 j 17:44	0°♑	
superior conj	-4671 Jan 28 j 23:58	4°♑36'48	-1°-23'-49
minimum elong	-4671 Jan 29 j 02:59	4°♑52'23	1°23'40
evening rise	-4671 Feb 05 j 15:30	20°♑31'28	
asc. node	-4671 Feb 07 j 08:19	24°♑00'04	
	-4671 Feb 10 j 09:11	0°♒	
evening max el	-4671 Feb 24 j 19:34	21°♒17'57	20°53'44
retrograde	-4671 Mar 08 j 03:39	26°♒41'41	
evening set	-4671 Mar 10 j 13:47	26°♒27'51	
inferior conj	-4671 Mar 19 j 16:23	22°♒29'52	0°43'43
minimum elong	-4671 Mar 19 j 18:21	22°♒27'03	0°42'54

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4671 Mar 20 j 16:25	21°♒55'25	0.55278 AU
desc. node	-4671 Mar 22 j 08:07	20°♒59'45	
morning rise	-4671 Mar 28 j 21:39	18°♒17'44	
direct	-4671 Apr 01 j 02:42	17°♒55'16	
morning max el	-4671 Apr 14 j 05:11	24°♒16'24	22°42'12
	-4671 Apr 19 j 09:14	0°♓	
morning set	-4671 May 06 j 09:42	29°♓22'09	
asc. node	-4671 May 06 j 08:03	29°♓13'33	
	-4671 May 06 j 16:57	0°♈	
superior conj	-4671 May 13 j 15:39	14°♈44'48	1°09'04
minimum elong	-4671 May 13 j 13:05	14°♈31'12	1°08'43
max. Earth dist.	-4671 May 16 j 09:36	20°♈31'11	1.34168 AU
	-4671 May 21 j 01:45	0°♉	
evening rise	-4671 May 21 j 12:01	0°♉50'32	
	-4671 Jun 07 j 04:43	0°♊	
desc. node	-4671 Jun 18 j 06:36	15°♊17'16	
evening max el	-4671 Jun 24 j 21:06	22°♊32'13	27°15'23
retrograde	-4671 Jul 08 j 07:46	29°♊56'57	
evening set	-4671 Jul 15 j 08:00	27°♊10'45	
min. Earth dist.	-4671 Jul 19 j 01:42	23°♊36'16	0.64626 AU
inferior conj	-4671 Jul 21 j 07:00	21°♊08'39	-3°-24'-21
minimum elong	-4671 Jul 21 j 10:38	20°♊58'35	3°23'16
morning rise	-4671 Jul 27 j 14:46	15°♊37'25	
direct	-4671 Jul 30 j 08:28	14°♊57'52	
asc. node	-4671 Aug 02 j 07:40	15°♊43'51	
morning max el	-4671 Aug 05 j 20:59	18°♊27'57	18°09'17
	-4671 Aug 14 j 08:25	0°♋	
morning set	-4671 Aug 23 j 22:41	15°♋56'11	
	-4671 Sep 01 j 09:36	0°♌	
superior conj	-4671 Sep 06 j 17:28	8°♌38'50	0°46'21
minimum elong	-4671 Sep 06 j 22:33	8°♌59'16	0°45'56
max. Earth dist.	-4671 Sep 10 j 20:25	15°♌13'48	1.44440 AU
desc. node	-4671 Sep 14 j 05:57	20°♌35'50	
	-4671 Sep 20 j 06:13	0°♍	
evening rise	-4671 Sep 23 j 08:30	4°♍48'27	
	-4671 Oct 09 j 22:45	0°♎	
greatest brilliancy	-4671 Oct 11 j 10:19	2°♎06'50	-0.6m
evening max el	-4671 Oct 18 j 22:51	11°♎33'56	19°55'20
retrograde	-4671 Oct 26 j 12:08	15°♎58'38	
asc. node	-4671 Oct 29 j 06:31	15°♎14'08	
evening set	-4671 Oct 29 j 23:52	14°♎47'40	
inferior conj	-4671 Nov 04 j 13:38	8°♎44'43	2°02'13
minimum elong	-4671 Nov 04 j 11:04	8°♎53'12	2°01'15
min. Earth dist.	-4671 Nov 05 j 12:19	7°♎29'45	0.66472 AU
morning rise	-4671 Nov 09 j 21:36	2°♎28'52	
	-4671 Nov 14 j 18:54	30°℞♍	
direct	-4671 Nov 15 j 18:06	29°♍56'08	
	-4671 Nov 16 j 17:49	0°♎	
morning max el	-4671 Nov 27 j 16:44	7°♎01'05	25°20'45
desc. node	-4671 Dec 11 j 06:03	23°♎39'52	
	-4671 Dec 15 j 15:56	0°♏	
morning set	-4670 Jan 02 j 21:06	29°♏47'33	
	-4670 Jan 02 j 23:52	0°♐	
max. Earth dist.	-4670 Jan 06 j 16:28	6°♐47'42	1.36608 AU
superior conj	-4670 Jan 12 j 15:38	18°♐19'13	-1°-40'-49
minimum elong	-4670 Jan 12 j 18:23	18°♐32'54	1°40'50
	-4670 Jan 18 j 10:42	0°♑	
evening rise	-4670 Jan 20 j 19:52	4°♑49'41	
asc. node	-4670 Jan 25 j 05:23	13°♑29'51	
	-4670 Feb 04 j 12:46	0°♒	
evening max el	-4670 Feb 07 j 07:27	2°♒59'57	19°43'01
retrograde	-4670 Feb 16 j 23:02	7°♒34'06	
evening set	-4670 Feb 19 j 07:15	7°♒19'11	
inferior conj	-4670 Feb 27 j 19:45	3°♒16'02	2°25'24
minimum elong	-4670 Feb 28 j 00:47	3°♒08'05	2°23'47
min. Earth dist.	-4670 Mar 02 j 07:00	1°♒42'58	0.56122 AU
	-4670 Mar 05 j 07:23	30°℞♑	
morning rise	-4670 Mar 08 j 14:56	28°♑36'45	
desc. node	-4670 Mar 09 j 05:16	28°♑26'08	
direct	-4670 Mar 12 j 22:40	27°♑54'53	
	-4670 Mar 20 j 09:21	0°♒	
morning max el	-4670 Mar 26 j 21:17	4°♒55'53	24°21'03
	-4670 Apr 13 j 15:01	0°♓	
morning set	-4670 Apr 20 j 21:55	14°♓25'00	
asc. node	-4670 Apr 23 j 05:00	19°♓17'15	
superior conj	-4670 Apr 27 j 23:59	29°♓38'15	0°47'47
minimum elong	-4670 Apr 27 j 22:02	29°♓27'39	0°47'23
	-4670 Apr 28 j 04:01	0°♈	
max. Earth dist.	-4670 Apr 29 j 15:01	3°♈08'18	1.33304 AU
evening rise	-4670 May 05 j 09:52	15°♈13'28	
	-4670 May 13 j 03:15	0°♉	
	-4670 Jun 02 j 03:43	0°♊	
desc. node	-4670 Jun 05 j 03:44	3°♊20'49	
evening max el	-4670 Jun 07 j 06:52	5°♊29'34	27°24'48
retrograde	-4670 Jun 21 j 01:31	12°♊54'18	
evening set	-4670 Jun 28 j 04:33	10°♊20'50	
min. Earth dist.	-4670 Jul 01 j 18:49	7°♊17'15	0.63020 AU
inferior conj	-4670 Jul 04 j 13:52	4°♊30'36	-3°-56'-20
minimum elong	-4670 Jul 04 j 16:50	4°♊23'12	3°55'42
	-4670 Jul 09 j 21:38	30°℞♉	
morning rise	-4670 Jul 11 j 07:15	29°♉17'55	
direct	-4670 Jul 13 j 21:23	28°♉46'08	
	-4670 Jul 17 j 19:26	0°♊	
asc. node	-4670 Jul 20 j 04:43	1°♊53'05	
morning max el	-4670 Jul 20 j 11:45	2°♊10'08	17°57'02
morning set	-4670 Aug 06 j 02:43	27°♊59'20	
	-4670 Aug 07 j 06:06	0°♋	
superior conj	-4670 Aug 17 j 23:03	18°♋26'59	1°21'37
minimum elong	-4670 Aug 18 j 04:41	18°♋50'33	1°21'19
max. Earth dist.	-4670 Aug 24 j 10:48	29°♋07'36	1.43414 AU
	-4670 Aug 24 j 23:47	0°♌	
desc. node	-4670 Sep 01 j 02:53	11°♌18'07	
evening rise	-4670 Sep 02 j 12:15	13°♌27'54	
	-4670 Sep 13 j 09:12	0°♍	
greatest brilliancy	-4670 Sep 26 j 09:57	18°♍27'29	-0.5m
evening max el	-4670 Oct 01 j 23:24	24°♍59'51	21°00'36
retrograde	-4670 Oct 10 j 09:01	29°♍57'53	
evening set	-4670 Oct 14 j 07:28	28°♍30'05	
asc. node	-4670 Oct 16 j 03:40	26°♍49'10	
inferior conj	-4670 Oct 19 j 17:47	22°♍17'57	1°12'15
minimum elong	-4670 Oct 19 j 16:10	22°♍23'29	1°11'39
min. Earth dist.	-4670 Oct 20 j 05:09	21°♍39'10	0.67074 AU
morning rise	-4670 Oct 25 j 00:28	16°♍00'13	
direct	-4670 Oct 30 j 05:41	13°♍46'53	
morning max el	-4670 Nov 10 j 01:28	20°♍14'41	23°57'18
	-4670 Nov 18 j 09:33	0°♎	
desc. node	-4670 Nov 28 j 02:59	13°♎27'43	
	-4670 Dec 08 j 21:18	0°♏	
morning set	-4670 Dec 15 j 12:42	11°♏01'45	
max. Earth dist.	-4670 Dec 19 j 12:50	18°♏00'50	1.38575 AU
	-4670 Dec 26 j 01:56	0°♐	
superior conj	-4670 Dec 26 j 18:51	1°♐19'56	-1°-51'-23
minimum elong	-4670 Dec 26 j 20:16	1°♐26'35	1°51'34
evening rise	-4669 Jan 04 j 17:27	18°♐41'47	
	-4669 Jan 10 j 15:54	0°♑	
asc. node	-4669 Jan 12 j 02:27	2°♑33'44	
evening max el	-4669 Jan 21 j 05:11	15°♑15'53	18°51'19
retrograde	-4669 Jan 29 j 10:30	19°♑13'18	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4669 Jan 31 j 20:51	18°♑53'57	
inferior conj	-4669 Feb 08 j 16:48	14°♑33'43	3°31'54
minimum elong	-4669 Feb 08 j 20:54	14°♑26'15	3°30'58
min. Earth dist.	-4669 Feb 11 j 22:39	12°♑13'04	0.57673 AU
morning rise	-4669 Feb 16 j 17:17	9°♑26'14	
direct	-4669 Feb 22 j 07:00	8°♑11'23	
desc. node	-4669 Feb 24 j 02:25	8°♑19'18	
morning max el	-4669 Mar 08 j 12:28	15°♑34'44	25°52'25
	-4669 Mar 20 j 03:32	0°♒	
morning set	-4669 Apr 05 j 09:52	29°♒27'17	
	-4669 Apr 05 j 16:06	0°♓	
asc. node	-4669 Apr 10 j 01:57	9°♓28'07	
superior conj	-4669 Apr 12 j 10:52	14°♓38'45	0°24'26
minimum elong	-4669 Apr 12 j 09:49	14°♓32'59	0°24'07
max. Earth dist.	-4669 Apr 13 j 02:25	16°♓03'32	1.32786 AU
evening rise	-4669 Apr 19 j 14:26	29°♓56'09	
	-4669 Apr 19 j 15:10	0°♈	
	-4669 May 06 j 07:12	0°♉	
evening max el	-4669 May 20 j 12:29	17°♉51'47	27°01'43
desc. node	-4669 May 23 j 00:53	20°♉06'32	
retrograde	-4669 Jun 03 j 12:01	25°♉13'36	
evening set	-4669 Jun 10 j 08:19	23°♉06'32	
min. Earth dist.	-4669 Jun 14 j 01:58	20°♉21'43	0.61113 AU
inferior conj	-4669 Jun 17 j 07:53	17°♉31'31	-4°-13'-29
minimum elong	-4669 Jun 17 j 08:55	17°♉29'14	4°13'17
morning rise	-4669 Jun 24 j 12:27	12°♉39'58	
direct	-4669 Jun 27 j 00:43	12°♉14'09	
morning max el	-4669 Jul 04 j 00:54	15°♉41'46	18°03'38
asc. node	-4669 Jul 07 j 01:42	19°♉09'06	
	-4669 Jul 14 j 00:28	0°♊	
morning set	-4669 Jul 20 j 01:09	10°♊55'56	
superior conj	-4669 Jul 30 j 08:12	29°♊37'17	1°42'02
minimum elong	-4669 Jul 30 j 11:25	29°♊51'28	1°42'05
	-4669 Jul 30 j 13:22	0°♋	
max. Earth dist.	-4669 Aug 06 j 20:15	12°♋28'57	1.41850 AU
evening rise	-4669 Aug 12 j 23:48	22°♋30'46	
	-4669 Aug 17 j 18:00	0°♌	
desc. node	-4669 Aug 18 j 23:51	1°♌55'14	
	-4669 Sep 07 j 13:21	0°♍	
greatest brilliancy	-4669 Sep 10 j 00:12	3°♍05'03	-0.3m
evening max el	-4669 Sep 14 j 17:42	8°♍24'58	22°16'04
retrograde	-4669 Sep 24 j 04:16	14°♍01'14	
evening set	-4669 Sep 28 j 15:31	12°♍14'18	
asc. node	-4669 Oct 03 j 00:47	7°♍16'02	
inferior conj	-4669 Oct 03 j 23:58	5°♍56'20	0°19'47
minimum elong	-4669 Oct 03 j 23:31	5°♍57'55	0°19'42
min. Earth dist.	-4669 Oct 04 j 00:51	5°♍53'20	0.67366 AU
	-4669 Oct 08 j 21:53	30°℞♌	
morning rise	-4669 Oct 09 j 07:22	29°♌39'40	
direct	-4669 Oct 13 j 21:33	27°♌47'54	
	-4669 Oct 19 j 12:08	0°♍	
morning max el	-4669 Oct 23 j 12:47	3°♍32'22	22°31'16
greatest brilliancy	-4669 Oct 28 j 05:58	8°♍51'28	-0.3m
	-4669 Nov 12 j 13:53	0°♎	
desc. node	-4669 Nov 14 j 23:53	3°♎37'08	
morning set	-4669 Nov 26 j 00:28	20°♎53'28	
max. Earth dist.	-4669 Dec 01 j 10:38	29°♎53'35	1.40637 AU
	-4669 Dec 01 j 12:09	0°♏	
superior conj	-4669 Dec 09 j 04:48	13°♏26'22	-1°-52'-29
minimum elong	-4669 Dec 09 j 03:30	13°♏20'31	1°52'38
	-4669 Dec 18 j 03:40	0°♐	
evening rise	-4669 Dec 19 j 05:24	2°♐01'11	
asc. node	-4669 Dec 29 j 23:32	21°♐03'26	
evening max el	-4668 Jan 04 j 10:40	27°♐59'40	18°19'40
	-4668 Jan 06 j 21:13	0°♑	
retrograde	-4668 Jan 11 j 16:40	1°♑35'55	
evening set	-4668 Jan 14 j 05:17	1°♑10'46	
	-4668 Jan 16 j 18:00	30°℞♐	
inferior conj	-4668 Jan 21 j 10:15	26°♐28'57	4°01'36
minimum elong	-4668 Jan 21 j 11:31	26°♐26'16	4°01'19
min. Earth dist.	-4668 Jan 24 j 18:21	23°♐40'28	0.59599 AU
morning rise	-4668 Jan 28 j 14:40	20°♐58'56	
direct	-4668 Feb 04 j 03:18	19°♐05'15	
desc. node	-4668 Feb 10 j 23:29	21°♐00'53	
morning max el	-4668 Feb 18 j 08:18	26°♐40'22	27°01'23
	-4668 Feb 21 j 12:33	0°♑	
	-4668 Mar 12 j 12:36	0°♒	
morning set	-4668 Mar 19 j 19:49	14°♒22'41	
superior conj	-4668 Mar 26 j 22:36	29°♒40'17	0°00'-7
minimum elong	-4668 Mar 26 j 22:37	29°♒40'22	0°00'17
behind sun begin	-4668 Mar 26 j 17:37	29°♒13'04	
behind sun end	-4668 Mar 27 j 03:36	0°♓07'41	
max. Earth dist.	-4668 Mar 26 j 16:00	29°♒04'12	1.32599 AU
asc. node	-4668 Mar 26 j 22:55	29°♒42'00	
	-4668 Mar 27 j 02:12	0°♓	
evening rise	-4668 Apr 02 j 23:16	14°♓50'06	
	-4668 Apr 10 j 15:56	0°♈	
evening max el	-4668 May 01 j 11:54	29°♈31'32	26°06'47
	-4668 May 01 j 23:58	0°♉	
desc. node	-4668 May 08 j 22:03	5°♉03'16	
retrograde	-4668 May 15 j 14:01	6°♉48'44	
evening set	-4668 May 21 j 15:40	5°♉18'01	
min. Earth dist.	-4668 May 26 j 00:35	2°♉35'16	0.59073 AU
inferior conj	-4668 May 29 j 09:24	0°♉02'10	-4°-7'-55
minimum elong	-4668 May 29 j 07:18	0°♉06'11	4°07'41
	-4668 May 29 j 10:33	30°℞♈	
morning rise	-4668 Jun 06 j 02:46	25°♈32'55	
direct	-4668 Jun 08 j 14:05	25°♈11'59	
morning max el	-4668 Jun 16 j 09:40	28°♈55'15	18°29'50
	-4668 Jun 17 j 11:25	0°♉	
asc. node	-4668 Jun 22 j 22:41	7°♉17'31	
morning set	-4668 Jul 02 j 13:06	24°♉33'30	
	-4668 Jul 05 j 09:01	0°♊	
superior conj	-4668 Jul 11 j 16:48	11°♊58'35	1°49'17
minimum elong	-4668 Jul 11 j 17:16	12°♊00'45	1°49'29
max. Earth dist.	-4668 Jul 18 j 23:55	25°♊05'41	1.39967 AU
	-4668 Jul 21 j 20:27	0°♋	
evening rise	-4668 Jul 23 j 10:17	2°♋39'17	
desc. node	-4668 Aug 04 j 20:51	22°♋22'50	
	-4668 Aug 10 j 01:15	0°♌	
evening max el	-4668 Aug 27 j 06:52	21°♌50'10	23°36'40
retrograde	-4668 Sep 06 j 20:38	28°♌05'12	
evening set	-4668 Sep 11 j 22:15	25°♌58'14	
inferior conj	-4668 Sep 17 j 06:26	19°♌37'50	0°-33'-30
minimum elong	-4668 Sep 17 j 07:13	19°♌35'11	0°33'02
min. Earth dist.	-4668 Sep 16 j 21:03	20°♌09'56	0.67358 AU
asc. node	-4668 Sep 18 j 21:53	17°♌25'22	
morning rise	-4668 Sep 22 j 16:18	13°♌25'15	
direct	-4668 Sep 26 j 16:51	11°♌54'20	
morning max el	-4668 Oct 05 j 05:37	16°♌56'28	21°10'24
greatest brilliancy	-4668 Oct 10 j 17:45	23°♌22'17	-0.5m
	-4668 Oct 15 j 15:53	0°♍	
desc. node	-4668 Oct 31 j 20:46	24°♍01'20	
morning set	-4668 Nov 04 j 09:52	29°♍32'08	
	-4668 Nov 04 j 16:59	0°♎	
max. Earth dist.	-4668 Nov 12 j 14:30	12°♎38'07	1.42502 AU
superior conj	-4668 Nov 19 j 15:40	24°♎23'41	-1°-40'-28
minimum elong	-4668 Nov 19 j 10:50	24°♎03'06	1°40'13

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4668 Nov 22 j 21:48	0°♏	
evening rise	-4668 Dec 01 j 03:59	14°♏39'19	
	-4668 Dec 09 j 21:17	0°♐	
asc. node	-4668 Dec 15 j 20:39	8°♐47'53	
evening max el	-4668 Dec 17 j 21:07	11°♐03'06	18°07'57
retrograde	-4668 Dec 24 j 14:19	14°♐31'48	
evening set	-4668 Dec 27 j 05:23	13°♐59'52	
inferior conj	-4667 Jan 02 j 21:56	8°♐56'17	4°02'31
minimum elong	-4667 Jan 02 j 20:38	8°♐59'25	4°02'14
min. Earth dist.	-4667 Jan 05 j 21:31	6°♐03'09	0.61580 AU
morning rise	-4667 Jan 09 j 09:33	3°♐10'04	
direct	-4667 Jan 16 j 09:43	0°♐43'20	
desc. node	-4667 Jan 27 j 20:33	6°♐03'31	
morning max el	-4667 Jan 30 j 10:28	8°♐25'08	27°37'30
	-4667 Feb 16 j 01:14	0°♑	
morning set	-4667 Mar 04 j 01:48	29°♑03'37	
	-4667 Mar 04 j 12:48	0°♒	
max. Earth dist.	-4667 Mar 10 j 03:53	11°♒55'36	1.32748 AU
superior conj	-4667 Mar 11 j 09:33	14°♒36'42	0°-25'-2
minimum elong	-4667 Mar 11 j 10:40	14°♒42'47	0°25'00
asc. node	-4667 Mar 13 j 19:55	19°♒54'33	
evening rise	-4667 Mar 18 j 10:21	29°♒47'43	
	-4667 Mar 18 j 12:41	0°♓	
	-4667 Apr 04 j 08:35	0°♈	
evening max el	-4667 Apr 13 j 05:42	10°♈34'02	24°46'51
desc. node	-4667 Apr 25 j 19:11	17°♈34'39	
retrograde	-4667 Apr 27 j 05:41	17°♈39'27	
evening set	-4667 May 02 j 02:04	16°♈45'45	
min. Earth dist.	-4667 May 07 j 17:54	13°♈49'05	0.57179 AU
inferior conj	-4667 May 10 j 15:29	11°♈54'34	-3°-29'-54
minimum elong	-4667 May 10 j 10:22	12°♈03'04	3°28'53
morning rise	-4667 May 18 j 22:54	7°♈44'56	
direct	-4667 May 21 j 09:27	7°♈27'57	
morning max el	-4667 May 30 j 11:14	11°♈41'42	19°16'16
asc. node	-4667 Jun 09 j 19:41	26°♈06'28	
	-4667 Jun 11 j 22:54	0°♉	
morning set	-4667 Jun 16 j 10:54	8°♉43'07	
superior conj	-4667 Jun 24 j 19:10	25°♉15'15	1°46'18
minimum elong	-4667 Jun 24 j 17:40	25°♉07'59	1°46'26
	-4667 Jun 27 j 06:22	0°♊	
max. Earth dist.	-4667 Jul 01 j 01:15	7°♊04'23	1.38032 AU
evening rise	-4667 Jul 04 j 23:13	14°♊06'14	
	-4667 Jul 14 j 11:17	0°♋	
desc. node	-4667 Jul 22 j 17:53	12°♋36'05	
	-4667 Aug 04 j 20:25	0°♌	
evening max el	-4667 Aug 09 j 17:40	5°♌18'36	24°55'40
retrograde	-4667 Aug 21 j 09:10	12°♌06'17	
evening set	-4667 Aug 27 j 01:52	9°♌40'40	
min. Earth dist.	-4667 Aug 31 j 15:24	4°♌27'58	0.67045 AU
inferior conj	-4667 Sep 01 j 11:30	3°♌21'19	-1°-25'-58
minimum elong	-4667 Sep 01 j 13:28	3°♌14'47	1°25'01
	-4667 Sep 04 j 03:16	30°℞♋	
asc. node	-4667 Sep 05 j 18:59	28°♋16'56	
morning rise	-4667 Sep 07 j 01:28	27°♋15'57	
direct	-4667 Sep 10 j 14:27	26°♋03'21	
	-4667 Sep 17 j 17:58	0°♌	
morning max el	-4667 Sep 18 j 05:33	0°♌29'03	20°00'15
greatest brilliancy	-4667 Sep 25 j 16:51	9°♌45'49	-0.6m
	-4667 Oct 09 j 07:32	0°♍	
morning set	-4667 Oct 14 j 08:26	7°♍46'10	
desc. node	-4667 Oct 18 j 17:41	14°♍35'50	
max. Earth dist.	-4667 Oct 26 j 01:17	26°♍08'55	1.43913 AU
	-4667 Oct 28 j 10:57	0°♎	
superior conj	-4667 Oct 30 j 23:14	4°♎03'46	-1°-12'-18

minimum elong	-4667 Oct 30 j 16:29	3°♎36'21	1°11'36
evening rise	-4667 Nov 13 j 08:48	26°♎27'22	
	-4667 Nov 15 j 10:28	0°♏	
evening max el	-4667 Dec 01 j 09:48	24°♏19'51	18°15'27
asc. node	-4667 Dec 02 j 17:45	25°♏34'20	
retrograde	-4667 Dec 07 j 23:06	27°♏52'13	
evening set	-4667 Dec 10 j 17:39	27°♏12'06	
inferior conj	-4667 Dec 17 j 00:10	21°♏48'20	3°43'20
minimum elong	-4667 Dec 16 j 21:23	21°♏55'54	3°42'41
min. Earth dist.	-4667 Dec 19 j 10:11	19°♏10'31	0.63379 AU
morning rise	-4667 Dec 22 j 23:28	15°♏50'23	
direct	-4667 Dec 30 j 00:22	13°♏04'27	
morning max el	-4666 Jan 12 j 17:31	20°♏47'39	27°37'22
desc. node	-4666 Jan 14 j 17:36	22°♏51'26	
	-4666 Jan 20 j 18:24	0°♐	
	-4666 Feb 09 j 01:10	0°♑	
morning set	-4666 Feb 16 j 01:27	13°♑21'42	
max. Earth dist.	-4666 Feb 21 j 10:08	24°♑24'15	1.33277 AU
superior conj	-4666 Feb 23 j 18:01	29°♑21'55	0°-49'-23
minimum elong	-4666 Feb 23 j 20:08	29°♑33'17	0°49'12
	-4666 Feb 24 j 01:07	0°♒	
asc. node	-4666 Feb 28 j 16:56	10°♒01'27	
evening rise	-4666 Mar 02 j 21:55	14°♒42'31	
	-4666 Mar 10 j 16:08	0°♓	
evening max el	-4666 Mar 25 j 21:58	21°♓18'24	23°13'57
retrograde	-4666 Apr 08 j 08:28	27°♓55'59	
evening set	-4666 Apr 11 j 21:45	27°♓28'21	
desc. node	-4666 Apr 12 j 16:22	27°♓15'19	
min. Earth dist.	-4666 Apr 19 j 08:56	24°♓06'02	0.55789 AU
inferior conj	-4666 Apr 21 j 02:03	23°♓05'32	-2°-12'-34
minimum elong	-4666 Apr 20 j 20:50	23°♓13'15	2°11'04
morning rise	-4666 Apr 29 j 22:59	19°♓07'04	
direct	-4666 May 02 j 10:34	18°♓52'01	
morning max el	-4666 May 13 j 02:58	23°♓50'49	20°22'52
	-4666 May 18 j 11:14	0°♈	
asc. node	-4666 May 27 j 16:42	15°♈25'27	
morning set	-4666 May 31 j 15:32	23°♈16'12	
	-4666 Jun 03 j 22:19	0°♉	
superior conj	-4666 Jun 08 j 10:14	9°♉12'03	1°35'51
minimum elong	-4666 Jun 08 j 07:44	8°♉59'24	1°35'46
max. Earth dist.	-4666 Jun 13 j 06:53	18°♉49'52	1.36276 AU
evening rise	-4666 Jun 17 j 10:36	26°♉41'09	
	-4666 Jun 19 j 06:11	0°♊	
	-4666 Jul 07 j 20:52	0°♋	
desc. node	-4666 Jul 09 j 14:57	2°♋27'43	
evening max el	-4666 Jul 23 j 04:26	18°♋49'17	26°05'05
retrograde	-4666 Aug 04 j 17:03	25°♋58'52	
evening set	-4666 Aug 11 j 00:19	23°♋18'44	
min. Earth dist.	-4666 Aug 15 j 05:24	18°♋44'11	0.66401 AU
inferior conj	-4666 Aug 16 j 13:19	17°♋03'51	-2°-15'-56
minimum elong	-4666 Aug 16 j 16:17	16°♋54'31	2°14'41
morning rise	-4666 Aug 22 j 08:58	11°♋09'04	
asc. node	-4666 Aug 23 j 16:07	10°♋31'32	
direct	-4666 Aug 25 j 12:43	10°♋11'39	
morning max el	-4666 Sep 01 j 12:11	14°♋08'48	19°04'16
	-4666 Sep 13 j 03:54	0°♌	
morning set	-4666 Sep 23 j 19:15	16°♌40'35	
	-4666 Oct 02 j 06:12	0°♍	
desc. node	-4666 Oct 05 j 14:36	5°♍16'25	
max. Earth dist.	-4666 Oct 08 j 17:17	10°♍10'48	1.44688 AU
superior conj	-4666 Oct 10 j 06:33	12°♍37'57	0°-29'-8
minimum elong	-4666 Oct 10 j 02:50	12°♍23'17	0°28'36
	-4666 Oct 21 j 03:41	0°♎	
evening rise	-4666 Oct 25 j 15:03	7°♎15'24	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4666 Nov 08 j 21:02	0°♏	
evening max el	-4666 Nov 14 j 21:58	7°♏43'59	18°41'13
asc. node	-4666 Nov 19 j 14:53	11°♏07'37	
retrograde	-4666 Nov 21 j 15:06	11°♏29'50	
evening set	-4666 Nov 24 j 14:46	10°♏39'35	
inferior conj	-4666 Nov 30 j 13:19	4°♏58'02	3°10'42
minimum elong	-4666 Nov 30 j 10:04	5°♏07'43	3°09'44
min. Earth dist.	-4666 Dec 02 j 08:40	2°♏48'28	0.64859 AU
	-4666 Dec 04 j 22:19	30°℞♎	
morning rise	-4666 Dec 06 j 04:15	28°♎51'17	
direct	-4666 Dec 12 j 21:42	26°♎01'33	
	-4666 Dec 22 j 01:06	0°♏	
morning max el	-4666 Dec 26 j 02:53	3°♏38'20	27°03'58
desc. node	-4665 Jan 01 j 14:39	10°♏54'21	
	-4665 Jan 15 j 03:40	0°♐	
morning set	-4665 Jan 30 j 15:39	27°♐07'06	
	-4665 Feb 01 j 03:07	0°♑	
max. Earth dist.	-4665 Feb 04 j 07:15	6°♑21'03	1.34228 AU
superior conj	-4665 Feb 07 j 22:02	13°♑49'35	-1°-12'-3
minimum elong	-4665 Feb 08 j 00:52	14°♑04'27	1°11'51
evening rise	-4665 Feb 15 j 08:15	29°♑28'45	
asc. node	-4665 Feb 15 j 13:58	29°♑58'28	
	-4665 Feb 15 j 14:16	0°♒	
	-4665 Mar 05 j 15:35	0°♓	
evening max el	-4665 Mar 07 j 18:39	2°♓11'14	21°41'52
retrograde	-4665 Mar 20 j 00:09	8°♓04'08	
evening set	-4665 Mar 22 j 16:25	7°♓48'03	
desc. node	-4665 Mar 30 j 13:33	4°♓33'24	
inferior conj	-4665 Mar 31 j 23:28	3°♓45'59	0°-23'-22
minimum elong	-4665 Mar 31 j 22:22	3°♓47'31	0°23'07
min. Earth dist.	-4665 Mar 31 j 23:06	3°♓46'30	0.55201 AU
	-4665 Apr 09 j 02:35	30°℞♒	
morning rise	-4665 Apr 10 j 04:46	29°♒44'14	
direct	-4665 Apr 13 j 00:20	29°♒26'40	
	-4665 Apr 16 j 19:14	0°♓	
morning max el	-4665 Apr 25 j 07:43	5°♓18'07	21°47'30
	-4665 May 12 j 00:06	0°♈	
asc. node	-4665 May 14 j 13:43	5°♈06'48	
morning set	-4665 May 16 j 00:38	8°♈05'59	
superior conj	-4665 May 23 j 10:11	23°♈37'46	1°20'00
minimum elong	-4665 May 23 j 07:28	23°♈23'35	1°19'43
	-4665 May 26 j 12:13	0°♉	
max. Earth dist.	-4665 May 26 j 21:41	0°♉48'12	1.34836 AU
evening rise	-4665 May 31 j 14:57	10°♉08'38	
	-4665 Jun 11 j 17:30	0°♊	
desc. node	-4665 Jun 26 j 12:02	21°♊48'24	
	-4665 Jul 03 j 10:25	0°♋	
evening max el	-4665 Jul 05 j 15:52	2°♋15'46	26°56'40
retrograde	-4665 Jul 18 j 19:42	9°♋36'36	
evening set	-4665 Jul 25 j 15:10	6°♋49'34	
min. Earth dist.	-4665 Jul 29 j 12:36	2°♋53'57	0.65390 AU
inferior conj	-4665 Jul 31 j 09:47	0°♋42'13	-3°-1'-20
minimum elong	-4665 Jul 31 j 13:21	0°♋31'47	3°00'05
	-4665 Aug 01 j 00:18	30°℞♊	
morning rise	-4665 Aug 06 j 12:41	25°♊01'27	
direct	-4665 Aug 09 j 09:31	24°♊16'06	
asc. node	-4665 Aug 10 j 13:14	24°♊23'24	
morning max el	-4665 Aug 15 j 23:55	27°♊53'16	18°24'25
	-4665 Aug 17 j 21:32	0°♋	
morning set	-4665 Sep 04 j 07:49	26°♋50'49	
	-4665 Sep 06 j 06:05	0°♌	
superior conj	-4665 Sep 19 j 06:14	20°♌54'39	0°20'14
minimum elong	-4665 Sep 19 j 08:48	21°♌04'50	0°20'04
max. Earth dist.	-4665 Sep 21 j 11:38	24°♌25'47	1.44744 AU
desc. node	-4665 Sep 22 j 11:29	25°♌59'54	
	-4665 Sep 25 j 00:29	0°♍	
evening rise	-4665 Oct 05 j 20:08	16°♍58'42	
	-4665 Oct 14 j 03:52	0°♎	
greatest brilliancy	-4665 Oct 19 j 17:09	8°♎29'57	-0.7m
evening max el	-4665 Oct 29 j 07:02	21°♎10'23	19°23'49
retrograde	-4665 Nov 05 j 11:00	25°♎18'32	
asc. node	-4665 Nov 06 j 12:02	25°♎12'14	
evening set	-4665 Nov 08 j 17:46	24°♎15'45	
inferior conj	-4665 Nov 14 j 10:13	18°♎19'28	2°29'01
minimum elong	-4665 Nov 14 j 07:16	18°♎28'57	2°27'59
min. Earth dist.	-4665 Nov 15 j 15:55	16°♎44'12	0.65983 AU
morning rise	-4665 Nov 19 j 19:59	12°♎06'16	
direct	-4665 Nov 26 j 00:49	9°♎25'06	
morning max el	-4665 Dec 08 j 12:25	16°♎44'58	26°03'56
desc. node	-4665 Dec 19 j 11:36	29°♎49'14	
	-4665 Dec 19 j 14:48	0°♏	
	-4664 Jan 08 j 01:00	0°♐	
morning set	-4664 Jan 13 j 16:07	10°♐05'53	
max. Earth dist.	-4664 Jan 17 j 16:59	17°♐44'50	1.35625 AU
superior conj	-4664 Jan 22 j 19:02	27°♐50'42	-1°-31'-39
minimum elong	-4664 Jan 22 j 22:03	28°♐06'03	1°31'34
	-4664 Jan 23 j 20:25	0°♑	
evening rise	-4664 Jan 30 j 15:22	13°♑58'54	
asc. node	-4664 Feb 02 j 11:00	19°♑39'43	
	-4664 Feb 08 j 00:17	0°♒	
evening max el	-4664 Feb 18 j 00:17	13°♒31'43	20°21'23
retrograde	-4664 Feb 28 j 14:45	18°♒33'30	
evening set	-4664 Mar 01 j 23:19	18°♒19'39	
inferior conj	-4664 Mar 10 j 20:34	14°♒21'00	1°30'21
minimum elong	-4664 Mar 11 j 00:19	14°♒15'26	1°28'57
min. Earth dist.	-4664 Mar 12 j 13:03	13°♒21'12	0.55537 AU
desc. node	-4664 Mar 16 j 10:44	11°♒16'00	
morning rise	-4664 Mar 19 j 23:05	9°♒58'42	
direct	-4664 Mar 23 j 14:22	9°♒29'51	
morning max el	-4664 Apr 06 j 03:09	16°♒09'15	23°24'18
	-4664 Apr 17 j 01:48	0°♓	
morning set	-4664 Apr 29 j 12:12	23°♓05'26	
asc. node	-4664 Apr 30 j 10:41	25°♓03'33	
	-4664 May 02 j 18:23	0°♈	
superior conj	-4664 May 06 j 16:06	8°♈22'48	1°00'21
minimum elong	-4664 May 06 j 13:45	8°♈10'12	0°59'57
max. Earth dist.	-4664 May 08 j 22:18	13°♈10'44	1.33756 AU
evening rise	-4664 May 14 j 07:26	24°♈14'00	
	-4664 May 17 j 06:21	0°♉	
	-4664 Jun 04 j 07:17	0°♊	
desc. node	-4664 Jun 12 j 09:10	10°♊24'57	
evening max el	-4664 Jun 17 j 02:39	15°♊26'26	27°23'10
retrograde	-4664 Jun 30 j 16:49	22°♊51'21	
evening set	-4664 Jul 07 j 19:26	20°♊08'38	
min. Earth dist.	-4664 Jul 11 j 11:03	16°♊48'44	0.63988 AU
inferior conj	-4664 Jul 13 j 22:24	14°♊11'32	-3°-39'-22
minimum elong	-4664 Jul 14 j 01:53	14°♊02'17	3°38'27
morning rise	-4664 Jul 20 j 10:06	8°♊48'04	
direct	-4664 Jul 23 j 02:07	8°♊12'01	
asc. node	-4664 Jul 27 j 10:18	9°♊46'27	
morning max el	-4664 Jul 29 j 14:23	11°♊38'03	18°01'55
	-4664 Aug 11 j 02:53	0°♋	
morning set	-4664 Aug 15 j 22:45	8°♋16'25	
superior conj	-4664 Aug 28 j 20:58	29°♋58'45	1°03'06
minimum elong	-4664 Aug 29 j 02:50	0°♌22'40	1°02'39
	-4664 Aug 28 j 21:16	0°♌	
max. Earth dist.	-4664 Sep 03 j 04:31	8°♌33'26	1.44078 AU
desc. node	-4664 Sep 08 j 08:24	16°♌43'38	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4664 Sep 14 j 04:53	25°♌50'27	
	-4664 Sep 16 j 21:40	0°♍	
greatest brilliancy	-4664 Oct 04 j 21:40	26°♍37'16	-0.6m
	-4664 Oct 07 j 11:26	0°♎	
evening max el	-4664 Oct 11 j 11:00	4°♎36'46	20°21'30
retrograde	-4664 Oct 19 j 08:16	9°♎15'06	
evening set	-4664 Oct 23 j 00:18	7°♎57'11	
asc. node	-4664 Oct 23 j 09:11	7°♎40'37	
inferior conj	-4664 Oct 28 j 12:22	1°♎49'36	1°41'26
minimum elong	-4664 Oct 28 j 10:10	1°♎56'59	1°40'37
min. Earth dist.	-4664 Oct 29 j 06:00	0°♎50'19	0.66766 AU
	-4664 Oct 29 j 21:08	30°℞♍	
morning rise	-4664 Nov 02 j 19:32	25°♍32'34	
direct	-4664 Nov 08 j 09:27	23°♍07'54	
	-4664 Nov 19 j 21:58	0°♎	
morning max el	-4664 Nov 19 j 21:21	29°♍58'26	24°46'11
desc. node	-4664 Dec 05 j 08:32	19°♎21'05	
	-4664 Dec 12 j 12:38	0°♏	
morning set	-4664 Dec 25 j 21:32	22°♏03'17	
max. Earth dist.	-4664 Dec 29 j 16:35	28°♏52'34	1.37420 AU
	-4664 Dec 30 j 07:16	0°♐	
superior conj	-4663 Jan 05 j 05:52	11°♐16'26	-1°-46'-15
minimum elong	-4663 Jan 05 j 08:12	11°♐27'50	1°46'21
evening rise	-4663 Jan 13 j 17:10	28°♐06'53	
	-4663 Jan 14 j 15:55	0°♑	
asc. node	-4663 Jan 19 j 08:02	8°♑59'19	
evening max el	-4663 Jan 30 j 16:23	25°♑27'54	19°18'29
retrograde	-4663 Feb 08 j 16:29	29°♑45'01	
evening set	-4663 Feb 11 j 01:15	29°♑28'35	
inferior conj	-4663 Feb 19 j 06:40	25°♑18'52	2°58'23
minimum elong	-4663 Feb 19 j 11:43	25°♑10'25	2°56'58
min. Earth dist.	-4663 Feb 22 j 03:53	23°♑23'39	0.56714 AU
morning rise	-4663 Feb 27 j 18:29	20°♑26'47	
desc. node	-4663 Mar 03 j 07:53	19°♑36'26	
direct	-4663 Mar 04 j 14:57	19°♑32'30	
morning max el	-4663 Mar 18 j 18:14	26°♑45'09	25°01'49
	-4663 Mar 21 j 20:57	0°♒	
	-4663 Apr 10 j 00:40	0°♓	
morning set	-4663 Apr 14 j 00:27	8°♓08'24	
asc. node	-4663 Apr 17 j 07:37	15°♓10'37	
superior conj	-4663 Apr 21 j 01:42	23°♓19'40	0°38'04
minimum elong	-4663 Apr 21 j 00:06	23°♓10'57	0°37'41
max. Earth dist.	-4663 Apr 22 j 06:30	25°♓55'41	1.33037 AU
	-4663 Apr 24 j 03:57	0°♈	
evening rise	-4663 Apr 28 j 08:25	8°♈45'44	
	-4663 May 09 j 16:18	0°♉	
desc. node	-4663 May 30 j 06:20	27°♉58'17	
evening max el	-4663 May 30 j 10:38	28°♉08'40	27°19'02
	-4663 Jun 01 j 11:42	0°♊	
retrograde	-4663 Jun 13 j 07:45	5°♊33'16	
evening set	-4663 Jun 20 j 09:20	3°♊09'03	
min. Earth dist.	-4663 Jun 23 j 23:44	0°♊15'34	0.62229 AU
	-4663 Jun 24 j 06:33	30°℞♉	
inferior conj	-4663 Jun 27 j 00:10	27°♉24'47	-4°-5'-53
minimum elong	-4663 Jun 27 j 02:29	27°♉19'18	4°05'27
morning rise	-4663 Jul 03 j 22:09	22°♉21'14	
direct	-4663 Jul 06 j 11:15	21°♉52'17	
morning max el	-4663 Jul 13 j 04:51	25°♉16'33	17°57'36
asc. node	-4663 Jul 14 j 07:19	26°♉25'39	
	-4663 Jul 17 j 03:31	0°♊	
morning set	-4663 Jul 29 j 11:12	20°♊43'17	
	-4663 Aug 03 j 15:37	0°♋	
superior conj	-4663 Aug 09 j 14:27	10°♋22'18	1°32'04
minimum elong	-4663 Aug 09 j 19:14	10°♋42'45	1°31'54
max. Earth dist.	-4663 Aug 16 j 16:34	22°♋13'27	1.42792 AU
	-4663 Aug 21 j 12:19	0°♌	
evening rise	-4663 Aug 24 j 09:18	4°♌32'16	
desc. node	-4663 Aug 26 j 05:21	7°♌24'01	
	-4663 Sep 10 j 07:49	0°♍	
greatest brilliancy	-4663 Sep 19 j 07:06	12°♍11'38	-0.4m
evening max el	-4663 Sep 24 j 08:43	18°♍01'45	21°31'40
retrograde	-4663 Oct 03 j 04:44	23°♍16'19	
evening set	-4663 Oct 07 j 08:18	21°♍40'42	
asc. node	-4663 Oct 10 j 06:18	18°♍42'07	
inferior conj	-4663 Oct 12 j 17:37	15°♍25'29	0°50'13
minimum elong	-4663 Oct 12 j 16:29	15°♍29'26	0°49'50
min. Earth dist.	-4663 Oct 13 j 00:27	15°♍01'57	0.67232 AU
morning rise	-4663 Oct 18 j 00:21	9°♍07'34	
direct	-4663 Oct 22 j 22:58	7°♍03'21	
morning max el	-4663 Nov 02 j 06:51	13°♍13'45	23°20'27
greatest brilliancy	-4663 Nov 07 j 19:48	19°♍30'08	-0.2m
	-4663 Nov 15 j 18:25	0°♎	
desc. node	-4663 Nov 22 j 05:26	9°♎18'52	
	-4663 Dec 05 j 10:25	0°♏	
morning set	-4663 Dec 07 j 01:46	2°♏43'28	
max. Earth dist.	-4663 Dec 11 j 12:12	10°♏17'12	1.39457 AU
superior conj	-4663 Dec 19 j 02:23	23°♏55'35	-1°-53'-14
minimum elong	-4663 Dec 19 j 02:48	23°♏57'31	1°53'26
	-4663 Dec 22 j 08:03	0°♐	
evening rise	-4663 Dec 28 j 11:02	11°♐45'49	
asc. node	-4662 Jan 06 j 05:06	27°♐49'51	
	-4662 Jan 07 j 13:24	0°♑	
evening max el	-4662 Jan 13 j 17:46	7°♑56'54	18°35'24
retrograde	-4662 Jan 21 j 11:54	11°♑43'24	
evening set	-4662 Jan 23 j 23:08	11°♑21'49	
inferior conj	-4662 Jan 31 j 12:28	6°♑53'01	3°48'36
minimum elong	-4662 Jan 31 j 15:26	6°♑47'15	3°48'01
min. Earth dist.	-4662 Feb 03 j 21:13	4°♑17'19	0.58466 AU
morning rise	-4662 Feb 08 j 04:11	1°♑34'50	
direct	-4662 Feb 14 j 04:58	0°♑03'09	
desc. node	-4662 Feb 18 j 04:59	0°♑42'35	
morning max el	-4662 Feb 28 j 10:57	7°♑33'18	26°25'12
	-4662 Mar 17 j 05:55	0°♒	
morning set	-4662 Mar 29 j 11:46	23°♒08'54	
	-4662 Apr 01 j 17:02	0°♓	
asc. node	-4662 Apr 04 j 04:34	5°♓23'41	
superior conj	-4662 Apr 05 j 13:11	8°♓22'00	0°14'06
minimum elong	-4662 Apr 05 j 12:34	8°♓18'38	0°13'52
behind sun begin	-4662 Apr 05 j 10:11	8°♓05'34	
behind sun end	-4662 Apr 05 j 14:58	8°♓31'42	
max. Earth dist.	-4662 Apr 05 j 19:07	8°♓54'28	1.32660 AU
evening rise	-4662 Apr 12 j 15:05	23°♓34'40	
	-4662 Apr 15 j 18:53	0°♈	
	-4662 May 03 j 17:47	0°♉	
evening max el	-4662 May 12 j 13:48	10°♉13'43	26°42'06
desc. node	-4662 May 17 j 03:29	14°♉02'24	
retrograde	-4662 May 26 j 15:16	17°♉34'34	
evening set	-4662 Jun 02 j 04:51	15°♉42'19	
min. Earth dist.	-4662 Jun 06 j 03:14	13°♉00'15	0.60238 AU
inferior conj	-4662 Jun 09 j 11:39	10°♉14'30	-4°-14'-30
minimum elong	-4662 Jun 09 j 11:28	10°♉14'53	4°14'23
morning rise	-4662 Jun 16 j 21:28	5°♉32'24	
direct	-4662 Jun 19 j 09:06	5°♉08'54	
morning max el	-4662 Jun 26 j 16:32	8°♉42'01	18°12'20
asc. node	-4662 Jul 01 j 04:19	14°♉05'59	
	-4662 Jul 10 j 12:54	0°♊	
morning set	-4662 Jul 12 j 15:57	3°♊58'49	
superior conj	-4662 Jul 22 j 10:16	22°♊04'41	1°46'32

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4662 Jul 22 j 12:16	22°♊13'41	1°46'42	
	-4662 Jul 26 j 21:39	0°♋		
max. Earth dist.	-4662 Jul 29 j 22:56	5°♋14'31	1.41070 AU	
evening rise	-4662 Aug 04 j 05:30	13°♋59'56		
desc. node	-4662 Aug 13 j 02:20	27°♋57'40		
	-4662 Aug 14 j 10:35	0°♌		
greatest brilliancy	-4662 Sep 02 j 02:13	25°♌55'20	-0.3m	
	-4662 Sep 05 j 15:22	0°♍		
evening max el	-4662 Sep 07 j 00:40	1°♍26'54	22°50'08	
retrograde	-4662 Sep 16 j 22:54	7°♍20'01		
evening set	-4662 Sep 21 j 16:00	5°♍24'51		
	-4662 Sep 26 j 08:20	30°℞♌		
inferior conj	-4662 Sep 27 j 00:09	29°♌05'31	0°-2'-46	
minimum elong	-4662 Sep 27 j 00:13	29°♌05'19	0°02'38	
transit middle	-4662 Sep 27 j 00:13	29°♌05'19	0°02'38	
transit begin	-4662 Sep 26 j 21:33	29°♌14'30		
transit end	-4662 Sep 27 j 02:53	28°♌56'08		
min. Earth dist.	-4662 Sep 26 j 20:46	29°♌17'13	0.67399 AU	
asc. node	-4662 Sep 27 j 03:26	28°♌54'14		
morning rise	-4662 Oct 02 j 08:22	22°♌49'59		
direct	-4662 Oct 06 j 16:36	21°♌07'04		
morning max el	-4662 Oct 15 j 20:03	26°♌33'11	21°55'46	
	-4662 Oct 18 j 23:05	0°♍		
greatest brilliancy	-4662 Oct 20 j 17:21	2°♍07'47	-0.4m	
desc. node	-4662 Nov 09 j 02:19	29°♍35'11		
	-4662 Nov 09 j 08:50	0°♎		
morning set	-4662 Nov 17 j 01:24	12°♎00'46		
max. Earth dist.	-4662 Nov 23 j 11:51	22°♎30'17	1.41473 AU	
	-4662 Nov 27 j 22:12	0°♏		
superior conj	-4662 Dec 01 j 03:16	5°♏34'48	-1°-49'-13	
minimum elong	-4662 Dec 01 j 00:29	5°♏22'34	1°49'14	
evening rise	-4662 Dec 11 j 17:47	24°♏48'38		
	-4662 Dec 14 j 13:21	0°♐		
asc. node	-4662 Dec 24 j 02:11	16°♐01'57		
evening max el	-4662 Dec 28 j 01:49	20°♐50'44	18°12'19	
retrograde	-4661 Jan 04 j 00:58	24°♐21'47		
evening set	-4661 Jan 06 j 14:42	23°♐53'47		
inferior conj	-4661 Jan 13 j 14:05	19°♐02'47	4°04'57	
minimum elong	-4661 Jan 13 j 14:09	19°♐02'37	4°04'43	
min. Earth dist.	-4661 Jan 16 j 19:39	16°♐09'30	0.60457 AU	
morning rise	-4661 Jan 20 j 10:52	13°♐25'32		
direct	-4661 Jan 27 j 06:07	11°♐16'14		
desc. node	-4661 Feb 05 j 02:03	14°♐28'46		
morning max el	-4661 Feb 10 j 09:16	18°♐54'23	27°21'04	
	-4661 Feb 19 j 19:20	0°♑		
	-4661 Mar 09 j 21:01	0°♒		
morning set	-4661 Mar 13 j 20:18	7°♒59'10		
max. Earth dist.	-4661 Mar 20 j 08:26	21°♒53'06	1.32622 AU	
superior conj	-4661 Mar 21 j 00:48	23°♒22'27	0°-10'-42	
minimum elong	-4661 Mar 21 j 01:17	23°♒25'06	0°10'46	
behind sun begin	-4661 Mar 20 j 21:35	23°♒04'52		
behind sun end	-4661 Mar 21 j 04:59	23°♒45'20		
asc. node	-4661 Mar 22 j 01:33	25°♒37'43		
	-4661 Mar 24 j 01:38	0°♓		
evening rise	-4661 Mar 28 j 01:08	8°♓31'33		
	-4661 Apr 08 j 07:18	0°♈		
evening max el	-4661 Apr 24 j 10:49	21°♈37'14	25°35'18	
desc. node	-4661 May 04 j 00:39	28°♈01'59		
retrograde	-4661 May 08 j 12:55	28°♈50'00		
evening set	-4661 May 14 j 02:58	27°♈36'00		
min. Earth dist.	-4661 May 18 j 23:21	24°♈48'53	0.58231 AU	
inferior conj	-4661 May 22 j 05:13	22°♈30'09	-3°-56'-22	
minimum elong	-4661 May 22 j 01:40	22°♈36'32	3°55'52	
morning rise	-4661 May 30 j 04:23	18°♈09'24		
direct	-4661 Jun 01 j 15:23	17°♈50'13		
morning max el	-4661 Jun 09 j 22:30	21°♈44'47	18°47'02	
	-4661 Jun 16 j 11:16	0°♉		
asc. node	-4661 Jun 18 j 01:20	2°♉33'02		
morning set	-4661 Jun 26 j 08:32	17°♉51'11		
	-4661 Jul 02 j 14:10	0°♊		
superior conj	-4661 Jul 05 j 03:05	4°♊51'02	1°49'05	
minimum elong	-4661 Jul 05 j 02:35	4°♊48'44	1°49'17	
max. Earth dist.	-4661 Jul 12 j 01:14	17°♊34'07	1.39140 AU	
evening rise	-4661 Jul 16 j 03:27	24°♊42'06		
	-4661 Jul 19 j 07:01	0°♋		
desc. node	-4661 Jul 30 j 23:22	18°♋19'55		
	-4661 Aug 08 j 04:12	0°♌		
evening max el	-4661 Aug 20 j 12:41	14°♌53'55	24°11'02	
retrograde	-4661 Aug 31 j 13:35	21°♌23'13		
evening set	-4661 Sep 05 j 21:38	19°♌08'06		
min. Earth dist.	-4661 Sep 10 j 16:28	13°♌34'41	0.67265 AU	
inferior conj	-4661 Sep 11 j 06:15	12°♌48'03	0°-55'-56	
minimum elong	-4661 Sep 11 j 07:33	12°♌43'40	0°55'14	
asc. node	-4661 Sep 14 j 00:33	9°♌14'49		
morning rise	-4661 Sep 16 j 17:39	6°♌38'12		
direct	-4661 Sep 20 j 13:07	5°♌15'14		
morning max el	-4661 Sep 28 j 15:46	10°♌00'31	20°39'03	
greatest brilliancy	-4661 Oct 04 j 20:14	17°♌24'20	-0.5m	
	-4661 Oct 13 j 17:47	0°♍		
desc. node	-4661 Oct 26 j 23:14	20°♍04'30		
morning set	-4661 Oct 27 j 03:34	20°♍21'21		
	-4661 Nov 02 j 06:50	0°♎		
max. Earth dist.	-4661 Nov 05 j 19:16	5°♎38'18	1.43171 AU	
superior conj	-4661 Nov 12 j 02:56	16°♎00'34	-1°-30'-35	
minimum elong	-4661 Nov 11 j 20:52	15°♎35'16	1°30'07	
	-4661 Nov 20 j 07:53	0°♏		
evening rise	-4661 Nov 24 j 09:27	7°♏07'20		
	-4661 Dec 08 j 04:40	0°♐		
asc. node	-4661 Dec 10 j 23:19	3°♐24'10		
evening max el	-4661 Dec 11 j 13:39	4°♐01'31	18°08'50	
retrograde	-4661 Dec 18 j 04:01	7°♐30'21		
evening set	-4661 Dec 20 j 20:31	6°♐54'59		
inferior conj	-4661 Dec 27 j 08:29	1°♐42'17	3°56'24	
minimum elong	-4661 Dec 27 j 06:26	1°♐47'33	3°55'58	
	-4661 Dec 29 j 00:15	30°℞♏		
min. Earth dist.	-4661 Dec 30 j 02:31	28°♏54'01	0.62380 AU	
morning rise	-4660 Jan 02 j 14:23	25°♏50'53		
direct	-4660 Jan 09 j 16:03	23°♏14'26		
desc. node	-4660 Jan 22 j 23:06	0°♐21'04		
	-4660 Jan 22 j 14:10	0°♐		
morning max el	-4660 Jan 23 j 13:47	0°♐56'33	27°41'51	
	-4660 Feb 13 j 21:02	0°♑		
morning set	-4660 Feb 25 j 23:56	22°♑31'55		
	-4660 Feb 29 j 14:28	0°♒		
max. Earth dist.	-4660 Mar 02 j 18:38	4°♒37'50	1.32935 AU	
superior conj	-4660 Mar 04 j 10:57	8°♒15'15	0°-35'-29	
minimum elong	-4660 Mar 04 j 12:31	8°♒23'43	0°35'22	
asc. node	-4660 Mar 07 j 22:34	15°♒48'42		
evening rise	-4660 Mar 11 j 12:42	23°♒29'25		
	-4660 Mar 14 j 16:34	0°♓		
	-4660 Apr 02 j 17:15	0°♈		
evening max el	-4660 Apr 05 j 03:18	2°♈28'59	24°07'56	
retrograde	-4660 Apr 18 j 22:45	9°♈24'18		
desc. node	-4660 Apr 19 j 21:50	9°♈22'11		
evening set	-4660 Apr 23 j 05:46	8°♈43'17		
min. Earth dist.	-4660 Apr 29 j 15:05	5°♈37'18	0.56517 AU	
inferior conj	-4660 May 02 j 02:40	4°♈04'31	-3°-1'-55	
minimum elong	-4660 May 01 j 20:58	4°♈13'27	3°00'32	
morning rise	-4660 May 10 j 16:06	0°♈01'11		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4660 May 10 j 18:22	30°℞♓	
direct	-4660 May 13 j 02:57	29°♓45'14	
	-4660 May 15 j 10:07	0°♈	
morning max el	-4660 May 22 j 20:04	4°♈15'59	19°42'11
asc. node	-4660 Jun 03 j 22:21	21°♈35'47	
	-4660 Jun 08 j 07:09	0°♉	
morning set	-4660 Jun 09 j 09:32	2°♉11'44	
superior conj	-4660 Jun 17 j 11:22	18°♉26'15	1°42'39
minimum elong	-4660 Jun 17 j 09:20	18°♉16'12	1°42'41
max. Earth dist.	-4660 Jun 23 j 03:55	29°♉24'56	1.37255 AU
	-4660 Jun 23 j 11:25	0°♊	
evening rise	-4660 Jun 27 j 02:32	6°♊39'10	
	-4660 Jul 11 j 03:56	0°♋	
desc. node	-4660 Jul 16 j 20:26	8°♋24'58	
evening max el	-4660 Aug 01 j 23:12	28°♋23'20	25°26'53
	-4660 Aug 03 j 16:11	0°♌	
retrograde	-4660 Aug 14 j 00:06	5°♌21'23	
evening set	-4660 Aug 19 j 23:19	2°♌48'38	
	-4660 Aug 22 j 16:09	30°℞♋	
min. Earth dist.	-4660 Aug 24 j 09:06	27°♋52'14	0.66813 AU
inferior conj	-4660 Aug 25 j 10:08	26°♋30'57	-1°-47'-38
minimum elong	-4660 Aug 25 j 12:34	26°♋23'04	1°46'30
asc. node	-4660 Aug 30 j 21:42	20°♋37'47	
morning rise	-4660 Aug 31 j 02:21	20°♋30'00	
direct	-4660 Sep 03 j 11:09	19°♋24'18	
morning max el	-4660 Sep 10 j 18:44	23°♋36'29	19°34'39
	-4660 Sep 16 j 01:52	0°♌	
greatest brilliancy	-4660 Sep 19 j 14:34	4°♌57'21	-0.7m
morning set	-4660 Oct 05 j 04:44	28°♌45'37	
	-4660 Oct 05 j 23:51	0°♍	
desc. node	-4660 Oct 12 j 20:07	10°♍41'56	
max. Earth dist.	-4660 Oct 18 j 09:03	19°♍26'05	1.44322 AU
superior conj	-4660 Oct 21 j 22:58	25°♍08'26	0°-55'-30
minimum elong	-4660 Oct 21 j 16:48	24°♍43'46	0°54'45
	-4660 Oct 24 j 23:26	0°♎	
evening rise	-4660 Nov 05 j 05:13	18°♎31'11	
	-4660 Nov 12 j 01:55	0°♏	
evening max el	-4660 Nov 24 j 02:22	17°♏21'37	18°24'12
asc. node	-4660 Nov 26 j 20:28	19°♏41'30	
retrograde	-4660 Nov 30 j 16:29	20°♏58'57	
evening set	-4660 Dec 03 j 12:57	20°♏14'47	
inferior conj	-4660 Dec 09 j 15:48	14°♏42'49	3°30'50
minimum elong	-4660 Dec 09 j 12:43	14°♏51'35	3°30'03
min. Earth dist.	-4660 Dec 11 j 19:26	12°♏16'03	0.64046 AU
morning rise	-4660 Dec 15 j 11:05	8°♏40'37	
direct	-4660 Dec 22 j 09:25	5°♏51'37	
morning max el	-4659 Jan 04 j 22:24	13°♏33'21	27°26'59
desc. node	-4659 Jan 08 j 20:07	17°♏44'01	
	-4659 Jan 18 j 07:14	0°♐	
	-4659 Feb 05 j 09:31	0°♑	
morning set	-4659 Feb 08 j 20:01	6°♑37'41	
max. Earth dist.	-4659 Feb 13 j 21:38	16°♑54'53	1.33633 AU
superior conj	-4659 Feb 16 j 17:46	22°♑53'42	0°-59'-16
minimum elong	-4659 Feb 16 j 20:14	23°♑06'50	0°59'04
	-4659 Feb 20 j 01:33	0°♒	
asc. node	-4659 Feb 22 j 19:36	5°♒52'02	
evening rise	-4659 Feb 23 j 23:58	8°♒21'23	
	-4659 Mar 07 j 12:44	0°♓	
evening max el	-4659 Mar 17 j 20:30	13°♓13'09	22°33'47
retrograde	-4659 Mar 30 j 20:36	19°♓34'08	
evening set	-4659 Apr 02 j 23:14	19°♓12'54	
desc. node	-4659 Apr 06 j 19:00	17°♓54'36	
min. Earth dist.	-4659 Apr 11 j 05:27	15°♓35'44	0.55430 AU
inferior conj	-4659 Apr 12 j 06:22	15°♓00'07	-1°-28'-52
minimum elong	-4659 Apr 12 j 02:29	15°♓05'41	1°27'41
morning rise	-4659 Apr 21 j 07:57	11°♓02'46	
direct	-4659 Apr 23 j 21:32	10°♓47'31	
morning max el	-4659 May 05 j 07:15	16°♓08'08	20°56'58
	-4659 May 15 j 18:51	0°♈	
asc. node	-4659 May 21 j 19:21	11°♈05'24	
morning set	-4659 May 24 j 16:20	16°♈53'06	
	-4659 May 31 j 00:07	0°♉	
superior conj	-4659 Jun 01 j 06:40	2°♉37'21	1°29'42
minimum elong	-4659 Jun 01 j 03:59	2°♉23'37	1°29'31
max. Earth dist.	-4659 Jun 05 j 12:55	11°♉12'59	1.35615 AU
evening rise	-4659 Jun 09 j 21:46	19°♉38'40	
	-4659 Jun 15 j 14:45	0°♊	
desc. node	-4659 Jul 03 j 17:31	28°♊05'20	
	-4659 Jul 05 j 04:00	0°♋	
evening max el	-4659 Jul 15 j 10:03	11°♋52'51	26°29'37
retrograde	-4659 Jul 28 j 05:56	19°♋09'09	
evening set	-4659 Aug 03 j 18:52	16°♋24'36	
min. Earth dist.	-4659 Aug 07 j 20:26	12°♋06'54	0.66014 AU
inferior conj	-4659 Aug 09 j 09:56	10°♋12'24	-2°-35'-57
minimum elong	-4659 Aug 09 j 13:13	10°♋02'21	2°34'39
morning rise	-4659 Aug 15 j 08:30	4°♋23'24	
asc. node	-4659 Aug 17 j 18:48	3°♋33'39	
direct	-4659 Aug 18 j 08:56	3°♋31'41	
morning max el	-4659 Aug 25 j 03:54	7°♋19'28	18°45'18
	-4659 Sep 09 j 23:10	0°♌	
morning set	-4659 Sep 15 j 01:41	8°♌10'20	
	-4659 Sep 28 j 19:38	0°♍	
desc. node	-4659 Sep 29 j 17:02	1°♍24'24	
superior conj	-4659 Oct 01 j 00:14	3°♍27'19	0°-8'-11
minimum elong	-4659 Sep 30 j 23:10	3°♍23'07	0°07'56
behind sun begin	-4659 Sep 30 j 13:04	2°♍43'21	
behind sun end	-4659 Oct 01 j 09:15	4°♍02'53	
max. Earth dist.	-4659 Oct 01 j 02:07	3°♍34'47	1.44795 AU
evening rise	-4659 Oct 17 j 00:48	28°♍51'32	
	-4659 Oct 17 j 17:54	0°♎	
	-4659 Nov 06 j 19:57	0°♏	
evening max el	-4659 Nov 07 j 13:25	0°♏46'39	18°57'21
asc. node	-4659 Nov 13 j 17:35	4°♏38'32	
retrograde	-4659 Nov 14 j 10:32	4°♏41'21	
evening set	-4659 Nov 17 j 12:50	3°♏46'16	
	-4659 Nov 21 j 16:12	30°℞♎	
inferior conj	-4659 Nov 23 j 08:35	27°♎58'05	2°53'54
minimum elong	-4659 Nov 23 j 05:24	28°♎07'57	2°52'53
min. Earth dist.	-4659 Nov 24 j 22:00	26°♎02'25	0.65376 AU
morning rise	-4659 Nov 28 j 20:56	21°♎48'00	
direct	-4659 Dec 05 j 09:24	19°♎00'27	
morning max el	-4659 Dec 18 j 08:10	26°♎32'31	26°41'11
	-4659 Dec 21 j 14:13	0°♏	
desc. node	-4659 Dec 26 j 17:07	6°♏11'08	
	-4658 Jan 11 j 21:01	0°♐	
morning set	-4658 Jan 23 j 04:59	20°♐05'13	
max. Earth dist.	-4658 Jan 27 j 13:51	28°♐35'59	1.34763 AU
	-4658 Jan 28 j 06:38	0°♑	
superior conj	-4658 Jan 31 j 19:07	7°♑11'02	-1°-20'-51
minimum elong	-4658 Jan 31 j 22:07	7°♑26'33	1°20'41
evening rise	-4658 Feb 08 j 09:09	23°♑01'19	
asc. node	-4658 Feb 09 j 16:37	25°♑42'57	
	-4658 Feb 11 j 19:49	0°♒	
evening max el	-4658 Feb 27 j 20:37	24°♒16'22	21°05'47
retrograde	-4658 Mar 11 j 10:34	29°♒47'41	
evening set	-4658 Mar 13 j 21:46	29°♒33'34	
inferior conj	-4658 Mar 23 j 01:54	25°♒35'12	0°26'21
minimum elong	-4658 Mar 23 j 03:06	25°♒33'30	0°25'46

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4658 Mar 23 j 19:50	25°♒09'42	0.55225 AU
desc. node	-4658 Mar 24 j 16:11	24°♒40'59	
morning rise	-4658 Apr 01 j 07:34	21°♒26'09	
direct	-4658 Apr 04 j 09:42	21°♒05'17	
morning max el	-4658 Apr 17 j 07:44	27°♒19'16	22°27'44
	-4658 Apr 19 j 22:15	0°♓	
	-4658 May 08 j 05:50	0°♈	
asc. node	-4658 May 08 j 16:19	0°♈54'08	
morning set	-4658 May 09 j 02:41	1°♈47'55	
superior conj	-4658 May 16 j 09:28	17°♈12'46	1°12'05
minimum elong	-4658 May 16 j 06:51	16°♈58'55	1°11'43
max. Earth dist.	-4658 May 19 j 07:45	23°♈20'13	1.34329 AU
	-4658 May 22 j 14:25	0°♉	
evening rise	-4658 May 24 j 07:49	3°♉24'28	
	-4658 Jun 08 j 10:25	0°♊	
desc. node	-4658 Jun 20 j 14:39	17°♊09'40	
evening max el	-4658 Jun 27 j 21:21	25°♊14'18	27°11'24
	-4658 Jul 03 j 17:22	0°♋	
retrograde	-4658 Jul 11 j 06:31	2°♋38'17	
evening set	-4658 Jul 18 j 05:37	29°♊51'35	
	-4658 Jul 18 j 01:22	30°℞♊	
min. Earth dist.	-4658 Jul 22 j 00:14	26°♊11'39	0.64837 AU
inferior conj	-4658 Jul 24 j 03:23	23°♊47'58	-3°-18'-37
minimum elong	-4658 Jul 24 j 07:01	23°♊37'43	3°17'28
morning rise	-4658 Jul 30 j 09:50	18°♊14'04	
direct	-4658 Aug 02 j 04:16	17°♊33'06	
asc. node	-4658 Aug 04 j 15:52	18°♊05'45	
morning max el	-4658 Aug 08 j 17:04	21°♊04'50	18°12'36
	-4658 Aug 15 j 12:40	0°♋	
morning set	-4658 Aug 27 j 01:50	18°♋53'42	
	-4658 Sep 02 j 18:41	0°♌	
superior conj	-4658 Sep 10 j 03:55	11°♌57'38	0°39'51
minimum elong	-4658 Sep 10 j 08:30	12°♌15'57	0°39'27
max. Earth dist.	-4658 Sep 13 j 19:36	17°♌46'38	1.44544 AU
desc. node	-4658 Sep 16 j 13:57	22°♌08'36	
	-4658 Sep 21 j 14:15	0°♍	
evening rise	-4658 Sep 26 j 19:51	8°♍09'02	
	-4658 Oct 11 j 02:03	0°♎	
greatest brilliancy	-4658 Oct 13 j 22:07	4°♎08'12	-0.6m
evening max el	-4658 Oct 21 j 20:32	14°♎13'28	19°46'46
retrograde	-4658 Oct 29 j 07:11	18°♎33'31	
asc. node	-4658 Oct 31 j 14:42	18°♎02'24	
evening set	-4658 Nov 01 j 17:34	17°♎24'46	
inferior conj	-4658 Nov 07 j 07:59	11°♎23'32	2°09'25
minimum elong	-4658 Nov 07 j 05:18	11°♎32'21	2°08'26
min. Earth dist.	-4658 Nov 08 j 08:29	10°♎03'12	0.66355 AU
morning rise	-4658 Nov 12 j 16:20	5°♎08'22	
direct	-4658 Nov 18 j 15:07	2°♎33'08	
morning max el	-4658 Nov 30 j 17:12	9°♎42'16	25°32'26
desc. node	-4658 Dec 13 j 14:04	25°♎23'32	
	-4658 Dec 16 j 20:15	0°♏	
	-4657 Jan 04 j 10:29	0°♐	
morning set	-4657 Jan 05 j 22:07	2°♐40'27	
max. Earth dist.	-4657 Jan 09 j 18:25	9°♐48'18	1.36336 AU
superior conj	-4657 Jan 15 j 12:16	20°♐59'04	-1°-38'-36
minimum elong	-4657 Jan 15 j 15:08	21°♐13'21	1°38'36
	-4657 Jan 19 j 23:16	0°♑	
evening rise	-4657 Jan 23 j 14:17	7°♑23'11	
asc. node	-4657 Jan 27 j 13:38	15°♑16'11	
	-4657 Feb 05 j 06:37	0°♒	
evening max el	-4657 Feb 10 j 06:55	5°♒53'21	19°52'26
retrograde	-4657 Feb 20 j 04:12	10°♒34'11	
evening set	-4657 Feb 22 j 12:25	10°♒19'37	
inferior conj	-4657 Mar 03 j 03:19	6°♒18'08	2°11'56
minimum elong	-4657 Mar 03 j 08:09	6°♒10'39	2°10'20
min. Earth dist.	-4657 Mar 05 j 10:13	4°♒53'30	0.55946 AU
desc. node	-4657 Mar 11 j 13:19	1°♒52'31	
morning rise	-4657 Mar 12 j 00:46	1°♒43'28	
direct	-4657 Mar 16 j 04:06	1°♒05'26	
morning max el	-4657 Mar 30 j 00:29	8°♒01'13	24°06'22
	-4657 Apr 14 j 23:28	0°♓	
morning set	-4657 Apr 23 j 14:46	16°♓50'12	
asc. node	-4657 Apr 25 j 13:17	20°♓56'25	
	-4657 Apr 29 j 18:11	0°♈	
superior conj	-4657 Apr 30 j 17:14	2°♈04'18	0°51'10
minimum elong	-4657 Apr 30 j 15:09	1°♈53'07	0°50'46
max. Earth dist.	-4657 May 02 j 12:04	5°♈54'12	1.33415 AU
evening rise	-4657 May 08 j 04:23	17°♈43'19	
	-4657 May 14 j 13:25	0°♉	
	-4657 Jun 02 j 21:39	0°♊	
desc. node	-4657 Jun 07 j 11:46	5°♊22'26	
evening max el	-4657 Jun 10 j 07:32	8°♊15'39	27°25'21
retrograde	-4657 Jun 24 j 01:01	15°♊40'09	
evening set	-4657 Jul 01 j 04:15	13°♊03'56	
min. Earth dist.	-4657 Jul 04 j 18:45	9°♊56'25	0.63285 AU
inferior conj	-4657 Jul 07 j 11:48	7°♊11'56	-3°-52'-20
minimum elong	-4657 Jul 07 j 14:57	7°♊03'57	3°51'38
morning rise	-4657 Jul 14 j 03:40	1°♊56'15	
direct	-4657 Jul 16 j 18:16	1°♊23'24	
asc. node	-4657 Jul 22 j 12:55	4°♊03'10	
morning max el	-4657 Jul 23 j 07:47	4°♊47'34	17°57'41
	-4657 Aug 08 j 15:46	0°♋	
morning set	-4657 Aug 09 j 02:38	0°♋47'32	
superior conj	-4657 Aug 21 j 05:22	21°♋33'31	1°17'16
minimum elong	-4657 Aug 21 j 11:11	21°♋57'40	1°16'53
	-4657 Aug 26 j 08:49	0°♌	
max. Earth dist.	-4657 Aug 27 j 10:55	1°♌45'23	1.43607 AU
desc. node	-4657 Sep 03 j 10:54	12°♌51'29	
evening rise	-4657 Sep 06 j 00:14	16°♌50'06	
	-4657 Sep 14 j 15:13	0°♍	
greatest brilliancy	-4657 Sep 29 j 03:11	20°♍47'58	-0.5m
evening max el	-4657 Oct 04 j 21:59	27°♍39'39	20°50'08
	-4657 Oct 07 j 10:48	0°♎	
retrograde	-4657 Oct 13 j 04:10	2°♎32'15	
evening set	-4657 Oct 17 j 00:56	1°♎07'01	
asc. node	-4657 Oct 18 j 11:49	29°♍50'58	
	-4657 Oct 18 j 08:09	30°℞♍	
inferior conj	-4657 Oct 22 j 11:39	24°♍55'59	1°20'03
minimum elong	-4657 Oct 22 j 09:53	25°♍02'02	1°19'22
min. Earth dist.	-4657 Oct 23 j 00:35	24°♍11'59	0.67005 AU
morning rise	-4657 Oct 27 j 18:24	18°♍38'26	
direct	-4657 Nov 02 j 01:53	16°♍22'08	
morning max el	-4657 Nov 13 j 01:52	22°♍55'51	24°10'09
	-4657 Nov 19 j 07:23	0°♎	
desc. node	-4657 Nov 30 j 10:58	15°♎07'29	
	-4657 Dec 10 j 05:18	0°♏	
morning set	-4657 Dec 18 j 17:26	14°♏06'00	
max. Earth dist.	-4657 Dec 22 j 15:27	20°♏59'09	1.38270 AU
	-4657 Dec 27 j 13:28	0°♐	
superior conj	-4657 Dec 29 j 17:35	4°♐06'31	-1°-50'-21
minimum elong	-4657 Dec 29 j 19:17	4°♐14'36	1°50'30
evening rise	-4656 Jan 07 j 13:01	21°♐19'32	
	-4656 Jan 12 j 00:48	0°♑	
asc. node	-4656 Jan 14 j 10:41	4°♑24'22	
evening max el	-4656 Jan 24 j 03:14	18°♑04'03	18°57'45
retrograde	-4656 Feb 01 j 13:03	22°♑06'09	
evening set	-4656 Feb 03 j 23:00	21°♑47'36	
inferior conj	-4656 Feb 11 j 21:21	17°♑30'10	3°24'18

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4656 Feb 12 j 01:47	17°♉22'15	3°23'14
min. Earth dist.	-4656 Feb 15 j 01:26	15°♉15'40	0.57407 AU
morning rise	-4656 Feb 20 j 00:54	12°♉26'35	
direct	-4656 Feb 25 j 10:16	11°♉17'28	
desc. node	-4656 Feb 26 j 10:25	11°♉19'54	
morning max el	-4656 Mar 10 j 15:25	18°♉38'14	25°39'55
	-4656 Mar 20 j 03:31	0°♒	
	-4656 Apr 06 j 05:11	0°♓	
morning set	-4656 Apr 07 j 02:51	1°♓52'59	
asc. node	-4656 Apr 11 j 10:15	11°♓06'35	
superior conj	-4656 Apr 14 j 03:50	17°♓04'05	0°28'03
minimum elong	-4656 Apr 14 j 02:38	16°♓57'30	0°27'44
max. Earth dist.	-4656 Apr 14 j 22:50	18°♓47'35	1.32843 AU
	-4656 Apr 20 j 04:27	0°♈	
evening rise	-4656 Apr 21 j 08:06	2°♈23'30	
	-4656 May 06 j 11:20	0°♉	
evening max el	-4656 May 22 j 13:50	20°♉43'30	27°07'12
desc. node	-4656 May 24 j 08:55	22°♉21'44	
retrograde	-4656 Jun 05 j 12:40	28°♉05'57	
evening set	-4656 Jun 12 j 10:48	25°♉53'59	
min. Earth dist.	-4656 Jun 16 j 03:15	23°♉07'31	0.61411 AU
inferior conj	-4656 Jun 19 j 07:58	20°♉16'33	-4°-12'-10
minimum elong	-4656 Jun 19 j 09:23	20°♉13'22	4°11'57
morning rise	-4656 Jun 26 j 10:48	15°♉21'55	
direct	-4656 Jun 28 j 23:18	14°♉55'17	
morning max el	-4656 Jul 05 j 21:24	18°♉21'32	18°01'27
asc. node	-4656 Jul 08 j 09:57	21°♉10'21	
	-4656 Jul 14 j 07:38	0°♊	
morning set	-4656 Jul 21 j 22:39	13°♊37'11	
	-4656 Jul 30 j 23:55	0°♋	
superior conj	-4656 Aug 01 j 10:37	2°♋32'26	1°39'51
minimum elong	-4656 Aug 01 j 14:16	2°♋48'24	1°39'52
max. Earth dist.	-4656 Aug 08 j 21:13	15°♋12'44	1.42106 AU
evening rise	-4656 Aug 15 j 09:24	25°♋46'15	
	-4656 Aug 18 j 01:49	0°♌	
desc. node	-4656 Aug 20 j 07:53	3°♌29'51	
	-4656 Sep 07 j 12:58	0°♍	
greatest brilliancy	-4656 Sep 11 j 22:38	5°♍40'36	-0.4m
evening max el	-4656 Sep 16 j 17:08	11°♍04'52	22°04'18
retrograde	-4656 Sep 25 j 23:50	16°♍35'35	
evening set	-4656 Sep 30 j 09:03	14°♍51'32	
asc. node	-4656 Oct 04 j 08:57	10°♍25'52	
inferior conj	-4656 Oct 05 j 17:40	8°♍34'05	0°27'52
minimum elong	-4656 Oct 05 j 17:02	8°♍36'19	0°27'41
min. Earth dist.	-4656 Oct 05 j 20:02	8°♍25'54	0.67341 AU
morning rise	-4656 Oct 11 j 00:50	2°♍17'02	
direct	-4656 Oct 15 j 17:08	0°♍22'09	
morning max el	-4656 Oct 25 j 12:42	6°♍13'23	22°43'55
greatest brilliancy	-4656 Oct 30 j 06:50	11°♍34'32	-0.3m
	-4656 Nov 12 j 19:13	0°♎	
desc. node	-4656 Nov 16 j 07:54	5°♎14'18	
morning set	-4656 Nov 28 j 09:31	24°♎10'25	
	-4656 Dec 01 j 21:45	0°♏	
max. Earth dist.	-4656 Dec 03 j 12:34	2°♏44'24	1.40338 AU
superior conj	-4656 Dec 11 j 06:26	16°♏21'46	-1°-53'-6
minimum elong	-4656 Dec 11 j 05:38	16°♏18'06	1°53'15
	-4656 Dec 18 j 14:36	0°♐	
evening rise	-4656 Dec 21 j 02:38	4°♐44'20	
asc. node	-4656 Dec 31 j 07:45	22°♐59'43	
	-4655 Jan 05 j 14:24	0°♑	
evening max el	-4655 Jan 06 j 07:40	0°♑43'51	18°23'05
retrograde	-4655 Jan 13 j 16:33	4°♑22'26	
evening set	-4655 Jan 16 j 04:45	3°♑58'17	
	-4655 Jan 22 j 16:17	30°℞♐	

inferior conj	-4655 Jan 23 j 11:48	29°♐19'50	3°59'12
minimum elong	-4655 Jan 23 j 13:31	29°♐16'17	3°58'50
min. Earth dist.	-4655 Jan 26 j 20:27	26°♐33'49	0.59300 AU
morning rise	-4655 Jan 30 j 19:02	23°♐52'31	
direct	-4655 Feb 06 j 04:52	22°♐04'26	
desc. node	-4655 Feb 12 j 07:31	23°♐36'44	
morning max el	-4655 Feb 20 j 10:25	29°♐38'41	26°53'04
	-4655 Feb 20 j 19:07	0°♑	
	-4655 Mar 13 j 22:05	0°♒	
morning set	-4655 Mar 22 j 13:14	16°♒49'53	
	-4655 Mar 28 j 16:32	0°♓	
asc. node	-4655 Mar 29 j 07:14	1°♓20'20	
superior conj	-4655 Mar 29 j 15:34	2°♓05'58	0°03'38
minimum elong	-4655 Mar 29 j 15:25	2°♓05'06	0°03'29
behind sun begin	-4655 Mar 29 j 10:31	1°♓38'20	
behind sun end	-4655 Mar 29 j 20:18	2°♓31'53	
max. Earth dist.	-4655 Mar 29 j 12:15	1°♓47'49	1.32600 AU
evening rise	-4655 Apr 05 j 16:27	17°♓16'12	
	-4655 Apr 12 j 01:52	0°♈	
	-4655 May 02 j 03:23	0°♉	
evening max el	-4655 May 04 j 14:10	2°♉29'38	26°16'50
desc. node	-4655 May 11 j 06:05	7°♉37'28	
retrograde	-4655 May 18 j 16:18	9°♉48'17	
evening set	-4655 May 24 j 21:26	8°♉11'45	
min. Earth dist.	-4655 May 29 j 03:01	5°♉29'49	0.59370 AU
inferior conj	-4655 Jun 01 j 12:13	2°♉52'35	-4°-10'-43
minimum elong	-4655 Jun 01 j 10:38	2°♉55'40	4°10'31
	-4655 Jun 05 j 12:40	30°℞♈	
morning rise	-4655 Jun 09 j 03:35	28°♈20'10	
direct	-4655 Jun 11 j 14:56	27°♈58'38	
	-4655 Jun 17 j 07:32	0°♉	
morning max el	-4655 Jun 19 j 07:05	1°♉38'49	18°24'40
asc. node	-4655 Jun 25 j 07:00	9°♉12'09	
morning set	-4655 Jul 05 j 08:55	27°♉09'32	
	-4655 Jul 06 j 20:34	0°♊	
superior conj	-4655 Jul 14 j 16:08	14°♊44'30	1°48'53
minimum elong	-4655 Jul 14 j 16:59	14°♊48'23	1°49'07
max. Earth dist.	-4655 Jul 22 j 01:24	27°♊55'27	1.40256 AU
	-4655 Jul 23 j 06:23	0°♋	
evening rise	-4655 Jul 26 j 16:01	5°♋43'43	
desc. node	-4655 Aug 07 j 04:54	23°♋59'20	
	-4655 Aug 11 j 06:02	0°♌	
evening max el	-4655 Aug 30 j 06:56	24°♌29'56	23°24'35
	-4655 Sep 06 j 15:22	0°♍	
retrograde	-4655 Sep 09 j 16:47	0°♍39'41	
	-4655 Sep 12 j 13:12	30°℞♌	
evening set	-4655 Sep 14 j 16:07	28°♌35'48	
min. Earth dist.	-4655 Sep 19 j 16:25	22°♌42'20	0.67378 AU
inferior conj	-4655 Sep 20 j 00:14	22°♌15'28	0°-25'-25
minimum elong	-4655 Sep 20 j 00:50	22°♌13'27	0°25'02
asc. node	-4655 Sep 21 j 06:06	20°♌34'04	
morning rise	-4655 Sep 25 j 09:36	16°♌01'57	
direct	-4655 Sep 29 j 12:04	14°♌28'02	
morning max el	-4655 Oct 08 j 04:34	19°♌36'25	21°21'49
greatest brilliancy	-4655 Oct 13 j 12:06	25°♌46'17	-0.4m
	-4655 Oct 16 j 17:15	0°♍	
desc. node	-4655 Nov 03 j 04:49	25°♍36'43	
	-4655 Nov 06 j 00:48	0°♎	
morning set	-4655 Nov 07 j 22:16	2°♎58'05	
max. Earth dist.	-4655 Nov 15 j 15:09	15°♎20'22	1.42248 AU
superior conj	-4655 Nov 22 j 21:08	27°♎30'30	-1°-43'-16
minimum elong	-4655 Nov 22 j 16:49	27°♎11'58	1°43'07
	-4655 Nov 24 j 07:47	0°♏	
evening rise	-4655 Dec 04 j 03:29	17°♏29'17	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4655 Dec 11 j 03:33	0°♐	
asc. node	-4655 Dec 18 j 04:51	10°♐52'01	
evening max el	-4655 Dec 20 j 17:37	13°♐45'20	18°08'28
retrograde	-4655 Dec 27 j 12:05	17°♐14'15	
evening set	-4655 Dec 30 j 02:46	16°♐43'24	
inferior conj	-4654 Jan 05 j 21:01	11°♐43'11	4°03'51
minimum elong	-4654 Jan 05 j 20:03	11°♐45'29	4°03'35
min. Earth dist.	-4654 Jan 08 j 22:26	8°♐49'09	0.61292 AU
morning rise	-4654 Jan 12 j 10:51	5°♐59'05	
direct	-4654 Jan 19 j 10:08	3°♐36'20	
desc. node	-4654 Jan 30 j 04:36	8°♐20'44	
morning max el	-4654 Feb 02 j 11:39	11°♐17'40	27°34'26
	-4654 Feb 17 j 05:16	0°♑	
	-4654 Mar 06 j 01:37	0°♒	
morning set	-4654 Mar 06 j 20:00	1°♒33'56	
max. Earth dist.	-4654 Mar 13 j 00:36	14°♒41'40	1.32699 AU
superior conj	-4654 Mar 14 j 02:48	17°♒04'07	0°-21'-16
minimum elong	-4654 Mar 14 j 03:45	17°♒09'18	0°21'15
asc. node	-4654 Mar 16 j 04:14	21°♒33'39	
	-4654 Mar 20 j 02:00	0°♓	
evening rise	-4654 Mar 21 j 03:21	2°♓14'14	
	-4654 Apr 05 j 08:31	0°♈	
evening max el	-4654 Apr 16 j 08:46	13°♈37'41	25°00'01
desc. node	-4654 Apr 28 j 03:15	20°♈33'31	
retrograde	-4654 Apr 30 j 09:45	20°♈45'35	
evening set	-4654 May 05 j 10:47	19°♈46'58	
min. Earth dist.	-4654 May 10 j 21:08	16°♈53'06	0.57436 AU
inferior conj	-4654 May 13 j 21:23	14°♈51'44	-3°-38'-15
minimum elong	-4654 May 13 j 16:36	14°♈59'50	3°37'22
morning rise	-4654 May 22 j 02:37	10°♈39'22	
direct	-4654 May 24 j 13:12	10°♈21'53	
morning max el	-4654 Jun 02 j 09:56	14°♈30'21	19°08'01
asc. node	-4654 Jun 12 j 04:02	27°♈56'08	
	-4654 Jun 13 j 07:56	0°♉	
morning set	-4654 Jun 19 j 05:30	11°♉15'21	
superior conj	-4654 Jun 27 j 16:14	27°♉54'11	1°47'17
minimum elong	-4654 Jun 27 j 14:58	27°♉48'05	1°47'27
	-4654 Jun 28 j 18:24	0°♊	
max. Earth dist.	-4654 Jul 04 j 02:45	9°♊58'59	1.38318 AU
evening rise	-4654 Jul 08 j 01:14	16°♊59'49	
	-4654 Jul 15 j 19:20	0°♋	
desc. node	-4654 Jul 25 j 01:56	14°♋15'17	
	-4654 Aug 05 j 16:02	0°♌	
evening max el	-4654 Aug 12 j 18:00	7°♌58'13	24°44'19
retrograde	-4654 Aug 24 j 05:54	14°♌41'26	
evening set	-4654 Aug 29 j 20:20	12°♌18'31	
min. Earth dist.	-4654 Sep 03 j 11:15	7°♌00'15	0.67116 AU
inferior conj	-4654 Sep 04 j 05:39	5°♌58'52	-1°-18'-10
minimum elong	-4654 Sep 04 j 07:27	5°♌52'53	1°17'15
asc. node	-4654 Sep 08 j 03:16	1°♌15'54	
morning rise	-4654 Sep 09 j 18:53	29°♋52'07	
	-4654 Sep 09 j 14:29	30°℞♋	
direct	-4654 Sep 13 j 09:30	28°♋36'54	
	-4654 Sep 17 j 10:58	0°♌	
morning max el	-4654 Sep 21 j 03:22	3°♌07'27	20°09'46
greatest brilliancy	-4654 Sep 28 j 05:45	11°♌51'00	-0.6m
	-4654 Oct 10 j 14:11	0°♍	
morning set	-4654 Oct 17 j 20:54	11°♍11'07	
desc. node	-4654 Oct 21 j 01:42	16°♍09'49	
max. Earth dist.	-4654 Oct 29 j 00:55	28°♍44'59	1.43741 AU
	-4654 Oct 29 j 19:38	0°♎	
superior conj	-4654 Nov 03 j 08:51	7°♎22'15	-1°-17'-38
minimum elong	-4654 Nov 03 j 02:07	6°♎54'46	1°16'59
evening rise	-4654 Nov 16 j 11:13	29°♎25'21	
	-4654 Nov 16 j 19:16	0°♏	
evening max el	-4654 Dec 04 j 06:12	27°♏00'57	18°13'12
asc. node	-4654 Dec 05 j 01:59	27°♏48'31	
	-4654 Dec 08 j 07:49	0°♐	
retrograde	-4654 Dec 10 j 19:29	0°♐31'58	
	-4654 Dec 13 j 07:16	30°℞♏	
evening set	-4654 Dec 13 j 13:29	29°♏53'06	
inferior conj	-4654 Dec 19 j 21:20	24°♏32'11	3°47'12
minimum elong	-4654 Dec 19 j 18:43	24°♏39'13	3°46'37
min. Earth dist.	-4654 Dec 22 j 09:30	21°♏51'13	0.63130 AU
morning rise	-4654 Dec 25 j 22:13	18°♏35'58	
direct	-4653 Jan 01 j 23:41	15°♏51'55	
morning max el	-4653 Jan 15 j 18:01	23°♏34'57	27°39'39
desc. node	-4653 Jan 17 j 01:38	24°♏55'07	
	-4653 Jan 21 j 13:23	0°♐	
	-4653 Feb 10 j 10:50	0°♑	
morning set	-4653 Feb 18 j 20:44	15°♑56'07	
max. Earth dist.	-4653 Feb 24 j 07:57	27°♑14'47	1.33174 AU
	-4653 Feb 25 j 14:56	0°♒	
superior conj	-4653 Feb 26 j 11:44	1°♒51'38	0°-45'-45
minimum elong	-4653 Feb 26 j 13:43	2°♒02'17	0°45'36
asc. node	-4653 Mar 03 j 01:12	11°♒41'46	
evening rise	-4653 Mar 05 j 14:58	17°♒10'11	
	-4653 Mar 12 j 00:59	0°♓	
evening max el	-4653 Mar 29 j 00:57	24°♓23'19	23°28'04
	-4653 Apr 06 j 04:40	0°♈	
retrograde	-4653 Apr 11 j 14:12	1°♈05'53	
evening set	-4653 Apr 15 j 07:51	0°♈35'18	
desc. node	-4653 Apr 15 j 00:27	0°♈40'04	
	-4653 Apr 17 j 03:15	30°℞♓	
min. Earth dist.	-4653 Apr 22 j 12:17	27°♓17'39	0.55954 AU
inferior conj	-4653 Apr 24 j 10:37	26°♓08'37	-2°-26'-46
minimum elong	-4653 Apr 24 j 05:07	26°♓16'52	2°25'15
morning rise	-4653 May 03 j 05:41	22°♓09'13	
direct	-4653 May 05 j 17:00	21°♓54'00	
morning max el	-4653 May 16 j 03:10	26°♓45'13	20°11'41
	-4653 May 19 j 04:32	0°♈	
asc. node	-4653 May 30 j 01:01	17°♈11'07	
morning set	-4653 Jun 03 j 09:16	25°♈45'28	
	-4653 Jun 05 j 11:13	0°♉	
superior conj	-4653 Jun 11 j 05:39	11°♉45'40	1°37'50
minimum elong	-4653 Jun 11 j 03:15	11°♉33'34	1°37'46
max. Earth dist.	-4653 Jun 16 j 07:29	21°♉45'13	1.36522 AU
evening rise	-4653 Jun 20 j 09:36	29°♉25'29	
	-4653 Jun 20 j 17:08	0°♊	
	-4653 Jul 09 j 00:43	0°♋	
desc. node	-4653 Jul 11 j 23:01	4°♋10'54	
evening max el	-4653 Jul 26 j 04:45	21°♋29'16	25°55'41
retrograde	-4653 Aug 07 j 14:26	28°♋35'53	
evening set	-4653 Aug 13 j 19:41	25°♋57'34	
min. Earth dist.	-4653 Aug 18 j 02:00	21°♋17'18	0.66522 AU
inferior conj	-4653 Aug 19 j 08:04	19°♋41'56	-2°-8'-39
minimum elong	-4653 Aug 19 j 10:54	19°♋32'56	2°07'24
morning rise	-4653 Aug 25 j 02:47	13°♋45'25	
asc. node	-4653 Aug 26 j 00:23	13°♋16'42	
direct	-4653 Aug 28 j 07:48	12°♋45'55	
morning max el	-4653 Sep 04 j 09:05	16°♋46'31	19°11'36
	-4653 Sep 14 j 08:30	0°♌	
morning set	-4653 Sep 27 j 04:44	19°♌56'54	
	-4653 Oct 03 j 14:19	0°♍	
desc. node	-4653 Oct 07 j 22:36	6°♍49'56	
max. Earth dist.	-4653 Oct 11 j 16:40	12°♍44'57	1.44619 AU
superior conj	-4653 Oct 13 j 19:04	16°♍04'19	0°-36'-22
minimum elong	-4653 Oct 13 j 14:33	15°♍46'25	0°35'44

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4653 Oct 22 j 12:03	0°♎	
evening rise	-4653 Oct 28 j 21:07	10°♎23'17	
	-4653 Nov 09 j 23:32	0°♏	
evening max el	-4653 Nov 17 j 18:36	10°♏24'27	18°36'15
asc. node	-4653 Nov 21 j 23:07	13°♏34'10	
retrograde	-4653 Nov 24 j 10:40	14°♏07'43	
evening set	-4653 Nov 27 j 09:29	13°♏19'03	
inferior conj	-4653 Dec 03 j 09:04	7°♏39'50	3°16'16
minimum elong	-4653 Dec 03 j 05:51	7°♏49'20	3°15'21
min. Earth dist.	-4653 Dec 05 j 06:31	5°♏25'41	0.64661 AU
morning rise	-4653 Dec 09 j 01:02	1°♏34'15	
	-4653 Dec 11 j 06:31	30°℞♎	
direct	-4653 Dec 15 j 19:55	28°♎44'23	
	-4653 Dec 20 j 18:42	0°♏	
morning max el	-4653 Dec 29 j 03:14	6°♏22'28	27°10'51
desc. node	-4652 Jan 03 j 22:37	12°♏48'15	
	-4652 Jan 16 j 09:09	0°♐	
morning set	-4652 Feb 02 j 12:31	29°♐46'55	
	-4652 Feb 02 j 15:13	0°♑	
max. Earth dist.	-4652 Feb 07 j 06:44	9°♑17'16	1.34064 AU
superior conj	-4652 Feb 10 j 16:30	16°♑22'06	-1°-8'-46
minimum elong	-4652 Feb 10 j 19:15	16°♑36'36	1°08'35
	-4652 Feb 17 j 03:01	0°♒	
asc. node	-4652 Feb 17 j 22:12	1°♒40'27	
evening rise	-4652 Feb 18 j 01:34	1°♒57'59	
	-4652 Mar 05 j 04:17	0°♓	
evening max el	-4652 Mar 09 j 20:28	5°♓12'36	21°54'57
retrograde	-4652 Mar 22 j 07:03	11°♓13'04	
evening set	-4652 Mar 25 j 01:39	10°♓55'57	
desc. node	-4652 Mar 31 j 21:36	8°♓14'05	
inferior conj	-4652 Apr 03 j 09:10	6°♓51'35	0°-40'-55
minimum elong	-4652 Apr 03 j 07:16	6°♓54'15	0°40'24
min. Earth dist.	-4652 Apr 03 j 02:15	7°♓01'18	0.55233 AU
morning rise	-4652 Apr 12 j 13:50	2°♓51'41	
direct	-4652 Apr 15 j 07:33	2°♓34'56	
morning max el	-4652 Apr 27 j 09:27	8°♓18'11	21°34'00
	-4652 May 12 j 10:22	0°♈	
asc. node	-4652 May 15 j 21:59	6°♈49'11	
morning set	-4652 May 17 j 17:47	10°♈32'53	
superior conj	-4652 May 25 j 04:26	26°♈07'27	1°22'42
minimum elong	-4652 May 25 j 01:43	25°♈53'17	1°22'26
	-4652 May 27 j 01:27	0°♉	
max. Earth dist.	-4652 May 28 j 20:45	3°♉40'17	1.35025 AU
evening rise	-4652 Jun 02 j 11:40	12°♉45'38	
	-4652 Jun 12 j 01:51	0°♊	
desc. node	-4652 Jun 27 j 20:07	23°♊37'08	
	-4652 Jul 03 j 00:31	0°♋	
evening max el	-4652 Jul 07 j 16:01	4°♋56'39	26°50'25
retrograde	-4652 Jul 20 j 17:51	12°♋16'28	
evening set	-4652 Jul 27 j 11:49	9°♋29'38	
min. Earth dist.	-4652 Jul 31 j 10:16	5°♋28'30	0.65563 AU
inferior conj	-4652 Aug 02 j 05:26	3°♋21'04	-2°-54'-54
minimum elong	-4652 Aug 02 j 08:57	3°♋10'39	2°53'38
	-4652 Aug 05 j 05:59	30°℞♊	
morning rise	-4652 Aug 08 j 07:10	27°♊38'09	
direct	-4652 Aug 11 j 04:53	26°♊51'14	
asc. node	-4652 Aug 11 j 21:29	26°♊53'53	
	-4652 Aug 17 j 07:44	0°♋	
morning max el	-4652 Aug 17 j 20:14	0°♋30'47	18°29'20
morning set	-4652 Sep 06 j 13:12	29°♋55'25	
	-4652 Sep 06 j 14:19	0°♌	
superior conj	-4652 Sep 21 j 18:23	24°♌19'27	0°12'55
minimum elong	-4652 Sep 21 j 20:04	24°♌26'06	0°12'51
behind sun begin	-4652 Sep 21 j 13:01	23°♌58'15	
behind sun end	-4652 Sep 22 j 03:06	24°♌53'56	
max. Earth dist.	-4652 Sep 23 j 11:00	26°♌59'49	1.44781 AU
desc. node	-4652 Sep 23 j 19:31	27°♌33'24	
	-4652 Sep 25 j 08:44	0°♍	
evening rise	-4652 Oct 08 j 05:56	20°♍16'18	
	-4652 Oct 14 j 10:11	0°♎	
greatest brilliancy	-4652 Oct 20 j 12:53	9°♎29'28	-0.7m
evening max el	-4652 Oct 31 j 04:13	23°♎50'28	19°16'25
retrograde	-4652 Nov 07 j 06:12	27°♎54'56	
asc. node	-4652 Nov 07 j 20:15	27°♎52'58	
evening set	-4652 Nov 10 j 11:44	26°♎54'13	
inferior conj	-4652 Nov 16 j 04:58	20°♎59'48	2°35'45
minimum elong	-4652 Nov 16 j 01:56	21°♎09'28	2°34'43
min. Earth dist.	-4652 Nov 17 j 12:36	19°♎19'15	0.65839 AU
morning rise	-4652 Nov 21 j 15:19	14°♎47'17	
direct	-4652 Nov 27 j 22:11	12°♎04'17	
morning max el	-4652 Dec 10 j 12:57	19°♎27'45	26°14'12
	-4652 Dec 19 j 14:18	0°♏	
desc. node	-4652 Dec 20 j 19:34	1°♏36'14	
	-4651 Jan 08 j 10:18	0°♐	
morning set	-4651 Jan 15 j 15:21	12°♐53'30	
max. Earth dist.	-4651 Jan 19 j 18:10	20°♐45'13	1.35389 AU
	-4651 Jan 24 j 09:18	0°♑	
superior conj	-4651 Jan 24 j 14:41	0°♑27'26	-1°-28'-58
minimum elong	-4651 Jan 24 j 17:43	0°♑42'57	1°28'52
evening rise	-4651 Feb 01 j 09:15	16°♑30'44	
asc. node	-4651 Feb 03 j 19:13	21°♑24'20	
	-4651 Feb 08 j 07:14	0°♒	
evening max el	-4651 Feb 20 j 00:31	16°♒27'58	20°32'19
retrograde	-4651 Mar 02 j 21:14	21°♒37'29	
evening set	-4651 Mar 05 j 06:06	21°♒23'46	
inferior conj	-4651 Mar 14 j 05:22	17°♒25'36	1°14'12
minimum elong	-4651 Mar 14 j 08:33	17°♒20'56	1°12'59
min. Earth dist.	-4651 Mar 15 j 16:16	16°♒34'39	0.55426 AU
desc. node	-4651 Mar 18 j 18:43	14°♒52'59	
morning rise	-4651 Mar 23 j 09:06	13°♒07'08	
direct	-4651 Mar 26 j 20:30	12°♒40'51	
morning max el	-4651 Apr 09 j 06:05	19°♒14'09	23°09'35
	-4651 Apr 18 j 03:12	0°♓	
morning set	-4651 May 02 j 05:03	25°♓31'28	
asc. node	-4651 May 02 j 18:55	26°♓44'07	
	-4651 May 04 j 07:58	0°♈	
superior conj	-4651 May 09 j 09:37	10°♈50'27	1°03'32
minimum elong	-4651 May 09 j 07:10	10°♈37'26	1°03'09
max. Earth dist.	-4651 May 11 j 19:52	15°♈58'46	1.33889 AU
evening rise	-4651 May 17 j 02:36	26°♈46'23	
	-4651 May 18 j 18:06	0°♉	
	-4651 Jun 05 j 09:32	0°♊	
desc. node	-4651 Jun 14 j 17:14	12°♊21'39	
evening max el	-4651 Jun 20 j 02:54	18°♊10'17	27°21'04
retrograde	-4651 Jul 03 j 15:55	25°♊35'26	
evening set	-4651 Jul 10 j 17:53	22°♊51'07	
min. Earth dist.	-4651 Jul 14 j 10:06	19°♊26'21	0.64217 AU
inferior conj	-4651 Jul 16 j 19:23	16°♊52'12	-3°-34'-16
minimum elong	-4651 Jul 16 j 22:56	16°♊42'36	3°33'18
morning rise	-4651 Jul 23 j 05:41	11°♊26'03	
direct	-4651 Jul 25 j 22:14	10°♊48'51	
asc. node	-4651 Jul 29 j 18:32	12°♊04'05	
morning max el	-4651 Aug 01 j 10:28	14°♊16'07	18°04'10
	-4651 Aug 12 j 10:22	0°♋	
morning set	-4651 Aug 19 j 00:27	11°♋10'31	
	-4651 Aug 30 j 06:15	0°♌	
superior conj	-4651 Sep 01 j 05:48	3°♌13'44	0°57'25
minimum elong	-4651 Sep 01 j 11:30	3°♌36'48	0°56'57

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4651 Sep 06 j 03:59	11°♌08'38	1.44219 AU
desc. node	-4651 Sep 10 j 16:28	18°♌17'34	
evening rise	-4651 Sep 17 j 16:56	29°♌13'41	
	-4651 Sep 18 j 04:55	0°♍	
greatest brilliancy	-4651 Oct 07 j 12:08	28°♍49'18	-0.6m
	-4651 Oct 08 j 08:55	0°♎	
evening max el	-4651 Oct 14 j 09:00	7°♎16'55	20°12'02
retrograde	-4651 Oct 22 j 03:24	11°♎50'27	
evening set	-4651 Oct 25 j 17:52	10°♎35'03	
asc. node	-4651 Oct 25 j 17:23	10°♎35'52	
inferior conj	-4651 Oct 31 j 06:30	4°♎28'57	1°48'58
minimum elong	-4651 Oct 31 j 04:10	4°♎36'46	1°48'04
min. Earth dist.	-4651 Nov 01 j 01:52	3°♎24'09	0.66672 AU
	-4651 Nov 03 j 19:09	30°℞♍	
morning rise	-4651 Nov 05 j 13:53	28°♍12'11	
direct	-4651 Nov 11 j 06:06	25°♍44'35	
	-4651 Nov 20 j 01:04	0°♎	
morning max el	-4651 Nov 22 j 21:55	2°♎40'32	24°58'26
desc. node	-4651 Dec 07 j 16:31	21°♎03'18	
	-4651 Dec 13 j 18:47	0°♏	
morning set	-4651 Dec 29 j 00:01	25°♏01'15	
	-4651 Dec 31 j 18:18	0°♐	
max. Earth dist.	-4650 Jan 01 j 18:47	1°♐52'31	1.37129 AU
superior conj	-4650 Jan 08 j 03:17	13°♐59'08	-1°-44'-30
minimum elong	-4650 Jan 08 j 05:48	14°♐11'28	1°44'33
evening rise	-4650 Jan 16 j 11:59	0°♑42'21	
	-4650 Jan 16 j 03:32	0°♑	
asc. node	-4650 Jan 21 j 16:15	10°♑47'41	
evening max el	-4650 Feb 02 j 15:10	28°♑19'15	19°26'41
	-4650 Feb 04 j 14:31	0°♒	
retrograde	-4650 Feb 11 j 20:35	2°♒42'05	
evening set	-4650 Feb 14 j 05:02	2°♒26'17	
	-4650 Feb 19 j 21:06	30°℞♑	
inferior conj	-4650 Feb 22 j 12:58	28°♑19'08	2°47'25
minimum elong	-4650 Feb 22 j 18:05	28°♑10'44	2°45'55
min. Earth dist.	-4650 Feb 25 j 07:06	26°♑31'19	0.56490 AU
morning rise	-4650 Mar 03 j 03:30	23°♑31'24	
desc. node	-4650 Mar 05 j 15:50	22°♑52'28	
direct	-4650 Mar 07 j 19:26	22°♑41'45	
morning max el	-4650 Mar 21 j 21:27	29°♑50'55	24°47'49
	-4650 Mar 22 j 01:13	0°♒	
	-4650 Apr 11 j 11:35	0°♓	
morning set	-4650 Apr 16 j 17:19	10°♓34'25	
asc. node	-4650 Apr 19 j 15:52	16°♓50'03	
superior conj	-4650 Apr 23 j 18:48	25°♓46'15	0°41'34
minimum elong	-4650 Apr 23 j 17:04	25°♓36'50	0°41'12
max. Earth dist.	-4650 Apr 25 j 03:05	28°♓40'48	1.33120 AU
	-4650 Apr 25 j 17:48	0°♈	
evening rise	-4650 May 01 j 02:32	11°♈15'09	
	-4650 May 11 j 00:25	0°♉	
	-4650 Jun 01 j 11:56	0°♊	
desc. node	-4650 Jun 01 j 14:23	0°♊06'07	
evening max el	-4650 Jun 02 j 11:31	0°♊57'52	27°21'45
retrograde	-4650 Jun 16 j 07:57	8°♊22'45	
evening set	-4650 Jun 23 j 10:12	5°♊54'59	
min. Earth dist.	-4650 Jun 27 j 00:22	2°♊58'14	0.62510 AU
inferior conj	-4650 Jun 29 j 22:59	0°♊08'31	-4°-2'-52
minimum elong	-4650 Jun 30 j 01:34	0°♊02'17	4°02'24
	-4650 Jun 30 j 02:31	30°℞♉	
morning rise	-4650 Jul 06 j 19:21	25°♉01'42	
direct	-4650 Jul 09 j 08:44	24°♉31'51	
morning max el	-4650 Jul 16 j 01:05	27°♉55'56	17°57'01
asc. node	-4650 Jul 16 j 15:34	28°♉32'48	
	-4650 Jul 17 j 22:30	0°♊	
morning set	-4650 Aug 01 j 10:03	23°♊29'08	
	-4650 Aug 05 j 01:48	0°♋	
superior conj	-4650 Aug 12 j 19:05	13°♋24'39	1°28'39
minimum elong	-4650 Aug 13 j 00:13	13°♋46'25	1°28'26
max. Earth dist.	-4650 Aug 19 j 16:45	24°♋53'11	1.43019 AU
	-4650 Aug 22 j 20:48	0°♌	
evening rise	-4650 Aug 27 j 20:38	7°♌53'18	
desc. node	-4650 Aug 28 j 13:27	8°♌58'47	
	-4650 Sep 11 j 11:56	0°♍	
greatest brilliancy	-4650 Sep 22 j 02:33	14°♍39'32	-0.4m
evening max el	-4650 Sep 27 j 07:45	20°♍42'27	21°20'38
retrograde	-4650 Oct 06 j 00:05	25°♍51'11	
evening set	-4650 Oct 10 j 01:47	24°♍18'25	
asc. node	-4650 Oct 12 j 14:31	21°♍49'03	
inferior conj	-4650 Oct 15 j 11:26	18°♍04'15	0°58'12
minimum elong	-4650 Oct 15 j 10:07	18°♍08'47	0°57'42
min. Earth dist.	-4650 Oct 15 j 19:51	17°♍35'19	0.67181 AU
morning rise	-4650 Oct 20 j 18:06	11°♍46'18	
direct	-4650 Oct 25 j 19:02	9°♍38'46	
morning max el	-4650 Nov 05 j 07:06	15°♍55'28	23°33'22
	-4650 Nov 16 j 20:23	0°♎	
desc. node	-4650 Nov 24 j 13:28	10°♎58'08	
	-4650 Dec 06 j 19:06	0°♏	
morning set	-4650 Dec 10 j 08:25	5°♏54'15	
max. Earth dist.	-4650 Dec 14 j 14:30	13°♏12'49	1.39146 AU
superior conj	-4650 Dec 22 j 02:19	26°♏46'45	-1°-52'-49
minimum elong	-4650 Dec 22 j 03:08	26°♏50'30	1°53'00
	-4650 Dec 23 j 19:25	0°♐	
evening rise	-4650 Dec 31 j 07:17	14°♐26'34	
asc. node	-4649 Jan 08 j 13:20	29°♐43'27	
	-4649 Jan 08 j 17:16	0°♑	
evening max el	-4649 Jan 16 j 15:25	10°♑44'30	18°40'34
retrograde	-4649 Jan 24 j 13:11	14°♑34'23	
evening set	-4649 Jan 27 j 00:08	14°♑13'35	
inferior conj	-4649 Feb 03 j 15:46	9°♑47'57	3°43'21
minimum elong	-4649 Feb 03 j 19:10	9°♑41'29	3°42'38
min. Earth dist.	-4649 Feb 06 j 23:51	7°♑17'02	0.58182 AU
morning rise	-4649 Feb 11 j 10:33	4°♑33'22	
direct	-4649 Feb 17 j 07:43	3°♑07'36	
desc. node	-4649 Feb 20 j 12:56	3°♑33'01	
morning max el	-4649 Mar 03 j 13:33	10°♑35'35	26°14'13
	-4649 Mar 18 j 11:06	0°♒	
morning set	-4649 Apr 01 j 04:56	25°♒35'46	
	-4649 Apr 03 j 06:49	0°♓	
asc. node	-4649 Apr 06 j 12:51	7°♓02'33	
superior conj	-4649 Apr 08 j 06:09	10°♓48'13	0°17'49
minimum elong	-4649 Apr 08 j 05:22	10°♓43'57	0°17'34
max. Earth dist.	-4649 Apr 08 j 15:23	11°♓38'42	1.32700 AU
evening rise	-4649 Apr 15 j 08:33	26°♓02'16	
	-4649 Apr 17 j 07:00	0°♈	
	-4649 May 04 j 16:25	0°♉	
evening max el	-4649 May 15 j 15:39	13°♉09'06	26°49'36
desc. node	-4649 May 19 j 11:30	16°♉25'30	
retrograde	-4649 May 29 j 16:29	20°♉30'11	
evening set	-4649 Jun 05 j 08:41	18°♉32'38	
min. Earth dist.	-4649 Jun 09 j 05:11	15°♉49'52	0.60548 AU
inferior conj	-4649 Jun 12 j 12:51	13°♉02'12	-4°-14'-46
minimum elong	-4649 Jun 12 j 13:08	13°♉01'37	4°14'37
morning rise	-4649 Jun 19 j 20:48	8°♉16'41	
direct	-4649 Jun 22 j 08:39	7°♉52'23	
morning max el	-4649 Jun 29 j 13:20	11°♉23'22	18°08'50
asc. node	-4649 Jul 03 j 12:37	16°♉04'37	
	-4649 Jul 11 j 22:43	0°♊	
morning set	-4649 Jul 15 j 12:40	6°♊37'56	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4649 Jul 25 j 11:13	24°♊55'32	1°45'11	
minimum elong	-4649 Jul 25 j 13:39	25°♊06'23	1°45'19	
	-4649 Jul 28 j 08:05	0°♋		
max. Earth dist.	-4649 Aug 02 j 00:10	8°♋01'07	1.41349 AU	
evening rise	-4649 Aug 07 j 13:31	17°♋11'08		
desc. node	-4649 Aug 15 j 10:27	29°♋33'34		
	-4649 Aug 15 j 17:22	0°♌		
greatest brilliancy	-4649 Sep 05 j 05:41	28°♌45'36	-0.3m	
	-4649 Sep 06 j 06:34	0°♍		
evening max el	-4649 Sep 10 j 00:32	4°♍07'25	22°38'13	
retrograde	-4649 Sep 19 j 18:38	9°♍54'35		
evening set	-4649 Sep 24 j 09:40	8°♍02'19		
asc. node	-4649 Sep 29 j 11:41	2°♍04'56		
inferior conj	-4649 Sep 29 j 17:54	1°♍43'29	0°05'18	
minimum elong	-4649 Sep 29 j 17:46	1°♍43'55	0°05'22	
transit middle	-4649 Sep 29 j 17:46	1°♍43'55	0°05'22	
transit begin	-4649 Sep 29 j 15:13	1°♍52'43		
transit end	-4649 Sep 29 j 20:19	1°♍35'08		
min. Earth dist.	-4649 Sep 29 j 16:00	1°♍50'01	0.67392 AU	
	-4649 Oct 01 j 00:10	30°℞♌		
morning rise	-4649 Oct 05 j 01:46	25°♌27'32		
direct	-4649 Oct 09 j 12:06	23°♌41'29		
morning max el	-4649 Oct 18 j 19:32	29°♌13'51	22°08'04	
	-4649 Oct 19 j 13:18	0°♍		
greatest brilliancy	-4649 Oct 23 j 14:23	4°♍39'51	-0.4m	
	-4649 Nov 10 j 15:23	0°♎		
desc. node	-4649 Nov 11 j 10:24	1°♎12'07		
morning set	-4649 Nov 20 j 12:14	15°♎23'04		
max. Earth dist.	-4649 Nov 26 j 13:27	25°♎18'34	1.41186 AU	
	-4649 Nov 29 j 07:59	0°♏		
superior conj	-4649 Dec 04 j 06:33	8°♏35'52	-1°-50'-42	
minimum elong	-4649 Dec 04 j 04:18	8°♏25'56	1°50'47	
evening rise	-4649 Dec 14 j 15:58	27°♏35'21		
	-4649 Dec 15 j 23:05	0°♐		
asc. node	-4649 Dec 26 j 10:26	18°♐02'01		
evening max el	-4649 Dec 30 j 22:40	23°♐35'00	18°14'27	
retrograde	-4648 Jan 06 j 23:56	27°♐07'31		
evening set	-4648 Jan 09 j 13:18	26°♐40'29		
inferior conj	-4648 Jan 16 j 14:35	21°♐52'38	4°04'15	
minimum elong	-4648 Jan 16 j 15:04	21°♐51'34	4°04'01	
min. Earth dist.	-4648 Jan 19 j 21:13	19°♐00'36	0.60159 AU	
morning rise	-4648 Jan 23 j 13:58	16°♐17'51		
direct	-4648 Jan 30 j 07:11	14°♐13'52		
desc. node	-4648 Feb 07 j 10:02	16°♐56'45		
morning max el	-4648 Feb 13 j 10:57	21°♐50'47	27°14'53	
	-4648 Feb 20 j 15:30	0°♑		
	-4648 Mar 10 j 08:12	0°♒		
morning set	-4648 Mar 15 j 14:01	10°♒27'52		
max. Earth dist.	-4648 Mar 22 j 04:56	24°♒38'20	1.32610 AU	
superior conj	-4648 Mar 22 j 17:52	25°♒49'04	0°-6'-55	
minimum elong	-4648 Mar 22 j 18:11	25°♒50'47	0°07'01	
behind sun begin	-4648 Mar 22 j 13:40	25°♒26'03		
behind sun end	-4648 Mar 22 j 22:43	26°♒15'32		
asc. node	-4648 Mar 23 j 09:51	27°♒16'28		
	-4648 Mar 24 j 15:46	0°♓		
evening rise	-4648 Mar 29 j 18:15	10°♓58'14		
	-4648 Apr 08 j 14:23	0°♈		
evening max el	-4648 Apr 26 j 13:32	24°♈38'11	25°46'46	
	-4648 May 03 j 17:07	0°♉		
desc. node	-4648 May 05 j 08:39	0°♉46'14		
retrograde	-4648 May 10 j 15:40	1°♉52'30		
evening set	-4648 May 16 j 10:02	0°♉32'42		
	-4648 May 17 j 12:47	30°℞♈		
min. Earth dist.	-4648 May 21 j 02:04	27°♈47'28	0.58522 AU	
inferior conj	-4648 May 24 j 09:17	25°♈23'20	-4°-1'-21	
minimum elong	-4648 May 24 j 06:14	25°♈28'56	4°00'56	
morning rise	-4648 Jun 01 j 06:24	20°♈59'41		
direct	-4648 Jun 03 j 17:34	20°♈39'51		
morning max el	-4648 Jun 11 j 20:21	24°♈30'06	18°40'36	
	-4648 Jun 16 j 11:56	0°♉		
asc. node	-4648 Jun 19 j 09:39	4°♉25'24		
morning set	-4648 Jun 28 j 03:45	20°♉25'36		
	-4648 Jul 03 j 02:08	0°♊		
superior conj	-4648 Jul 07 j 01:19	7°♊33'41	1°49'21	
minimum elong	-4648 Jul 07 j 01:09	7°♊32'54	1°49'33	
max. Earth dist.	-4648 Jul 14 j 03:02	20°♊27'17	1.39430 AU	
evening rise	-4648 Jul 18 j 07:29	27°♊41'38		
	-4648 Jul 19 j 16:20	0°♋		
desc. node	-4648 Aug 01 j 07:27	19°♋57'49		
	-4648 Aug 08 j 06:29	0°♌		
evening max el	-4648 Aug 22 j 12:55	17°♌33'48	23°59'05	
retrograde	-4648 Sep 02 j 09:54	23°♌58'09		
evening set	-4648 Sep 07 j 15:43	21°♌45'49		
min. Earth dist.	-4648 Sep 12 j 11:54	16°♌07'13	0.67305 AU	
inferior conj	-4648 Sep 13 j 00:09	15°♌25'36	0°-47'-58	
minimum elong	-4648 Sep 13 j 01:16	15°♌21'49	0°47'20	
asc. node	-4648 Sep 15 j 08:50	12°♌20'07		
morning rise	-4648 Sep 18 j 10:59	9°♌14'48		
direct	-4648 Sep 22 j 08:12	7°♌49'08		
morning max el	-4648 Sep 30 j 14:14	12°♌40'02	20°49'47	
greatest brilliancy	-4648 Oct 06 j 12:23	19°♌41'11	-0.5m	
	-4648 Oct 13 j 22:11	0°♍		
desc. node	-4648 Oct 28 j 07:19	21°♍39'41		
morning set	-4648 Oct 29 j 16:30	23°♍48'33		
	-4648 Nov 02 j 15:09	0°♎		
max. Earth dist.	-4648 Nov 07 j 19:46	8°♎18'59	1.42948 AU	
superior conj	-4648 Nov 14 j 10:11	19°♎12'34	-1°-34'-28	
minimum elong	-4648 Nov 14 j 04:30	18°♎48'40	1°34'06	
	-4648 Nov 20 j 17:35	0°♏		
evening rise	-4648 Nov 26 j 10:09	10°♏00'53		
	-4648 Dec 08 j 03:53	0°♐		
asc. node	-4648 Dec 12 j 07:33	5°♐32'14		
evening max el	-4648 Dec 13 j 10:03	6°♐43'03	18°08'06	
retrograde	-4648 Dec 20 j 01:14	10°♐11'40		
evening set	-4648 Dec 22 j 17:12	9°♐37'30		
inferior conj	-4648 Dec 29 j 06:42	4°♐27'53	3°58'54	
minimum elong	-4648 Dec 29 j 04:54	4°♐32'25	3°58'32	
min. Earth dist.	-4647 Jan 01 j 02:44	1°♐37'33	0.62106 AU	
	-4647 Jan 02 j 21:13	30°℞♏		
morning rise	-4647 Jan 04 j 14:31	28°♏38'09		
direct	-4647 Jan 11 j 15:48	26°♏04'52		
	-4647 Jan 21 j 06:25	0°♐		
desc. node	-4647 Jan 24 j 07:07	2°♐31'57		
morning max el	-4647 Jan 25 j 14:45	3°♐46'57	27°41'05	
	-4647 Feb 14 j 04:04	0°♑		
morning set	-4647 Feb 27 j 18:33	25°♑03'33		
	-4647 Mar 02 j 03:59	0°♒		
max. Earth dist.	-4647 Mar 05 j 15:51	7°♒25'47	1.32863 AU	
superior conj	-4647 Mar 07 j 04:20	10°♒43'01	0°-31'-45	
minimum elong	-4647 Mar 07 j 05:44	10°♒50'39	0°31'41	
asc. node	-4647 Mar 10 j 06:50	17°♒27'45		
evening rise	-4647 Mar 14 j 05:41	25°♒55'59		
	-4647 Mar 16 j 04:39	0°♓		
	-4647 Apr 03 j 04:59	0°♈		
evening max el	-4647 Apr 08 j 06:19	5°♈32'51	24°21'41	
retrograde	-4647 Apr 22 j 03:35	12°♈32'09		
desc. node	-4647 Apr 22 j 05:49	12°♈32'08		
evening set	-4647 Apr 26 j 15:17	11°♈46'55		
min. Earth dist.	-4647 May 02 j 18:12	8°♈44'28	0.56735 AU	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4647 May 05 j 09:42	7°♈03'45	-3°-12'-47
minimum elong	-4647 May 05 j 04:07	7°♈12'40	3°11'31
morning rise	-4647 May 13 j 21:03	2°♈58'32	
direct	-4647 May 16 j 07:46	2°♈42'16	
morning max el	-4647 May 25 j 19:22	7°♈06'41	19°32'45
asc. node	-4647 Jun 06 j 06:39	23°♈23'15	
	-4647 Jun 09 j 18:34	0°♉	
morning set	-4647 Jun 12 j 03:41	4°♉42'22	
superior conj	-4647 Jun 20 j 07:38	21°♉02'41	1°44'06
minimum elong	-4647 Jun 20 j 05:47	20°♉53'32	1°44'10
	-4647 Jun 24 j 23:10	0°♊	
max. Earth dist.	-4647 Jun 26 j 05:08	2°♊20'17	1.37520 AU
evening rise	-4647 Jun 30 j 03:06	9°♊28'14	
	-4647 Jul 12 j 10:38	0°♋	
desc. node	-4647 Jul 19 j 04:29	10°♋05'50	
	-4647 Aug 03 j 22:37	0°♌	
evening max el	-4647 Aug 04 j 23:23	1°♌02'29	25°16'11
retrograde	-4647 Aug 16 j 21:07	7°♌57'16	
evening set	-4647 Aug 22 j 18:06	5°♌26'50	
min. Earth dist.	-4647 Aug 27 j 05:09	0°♌24'44	0.66903 AU
	-4647 Aug 27 j 12:44	30°℞♋	
inferior conj	-4647 Aug 28 j 04:28	29°♋08'27	-1°-40'00
minimum elong	-4647 Aug 28 j 06:44	29°♋01'02	1°38'55
asc. node	-4647 Sep 02 j 05:58	23°♋30'48	
morning rise	-4647 Sep 02 j 19:52	23°♋05'56	
direct	-4647 Sep 06 j 06:04	21°♋57'58	
morning max el	-4647 Sep 13 j 16:10	26°♋14'43	19°43'16
	-4647 Sep 16 j 22:55	0°♌	
greatest brilliancy	-4647 Sep 21 j 22:56	6°♌45'16	-0.6m
	-4647 Oct 07 j 07:22	0°♍	
morning set	-4647 Oct 08 j 16:11	2°♍07'20	
desc. node	-4647 Oct 15 j 04:12	12°♍15'54	
max. Earth dist.	-4647 Oct 21 j 08:26	22°♍00'30	1.44192 AU
superior conj	-4647 Oct 25 j 10:02	28°♍30'41	-1°-1'-47
minimum elong	-4647 Oct 25 j 03:33	28°♍04'33	1°01'01
	-4647 Oct 26 j 08:12	0°♎	
evening rise	-4647 Nov 08 j 09:05	21°♎32'52	
	-4647 Nov 13 j 09:15	0°♏	
evening max el	-4647 Nov 26 j 22:45	20°♏01'40	18°20'49
asc. node	-4647 Nov 29 j 04:40	22°♏00'00	
retrograde	-4647 Dec 03 j 12:29	23°♏37'10	
evening set	-4647 Dec 06 j 08:13	22°♏54'30	
inferior conj	-4647 Dec 12 j 12:18	17°♏25'22	3°35'32
minimum elong	-4647 Dec 12 j 09:19	17°♏33'45	3°34'48
min. Earth dist.	-4647 Dec 14 j 18:11	14°♏54'25	0.63815 AU
morning rise	-4647 Dec 18 j 08:53	11°♏24'32	
direct	-4647 Dec 25 j 08:16	8°♏36'15	
morning max el	-4646 Jan 07 j 22:53	16°♏19'00	27°31'21
desc. node	-4646 Jan 11 j 04:09	19°♏42'55	
	-4646 Jan 19 j 08:25	0°♐	
	-4646 Feb 06 j 20:28	0°♑	
morning set	-4646 Feb 11 j 15:56	9°♑14'08	
max. Earth dist.	-4646 Feb 16 j 20:03	19°♑47'19	1.33496 AU
superior conj	-4646 Feb 19 j 11:45	25°♑24'12	0°-55'-46
minimum elong	-4646 Feb 19 j 14:07	25°♑36'45	0°55'35
	-4646 Feb 21 j 15:17	0°♒	
asc. node	-4646 Feb 25 j 03:49	7°♒32'26	
evening rise	-4646 Feb 26 j 17:05	10°♒49'16	
	-4646 Mar 08 j 17:13	0°♓	
evening max el	-4646 Mar 20 j 23:04	16°♓16'55	22°47'47
retrograde	-4646 Apr 03 j 03:14	22°♓44'13	
evening set	-4646 Apr 06 j 09:17	22°♓21'02	
desc. node	-4646 Apr 09 j 02:59	21°♓28'31	
min. Earth dist.	-4646 Apr 14 j 08:53	18°♓49'20	0.55537 AU
inferior conj	-4646 Apr 15 j 15:43	18°♓04'52	-1°-45'-3
minimum elong	-4646 Apr 15 j 11:15	18°♓11'19	1°43'44
morning rise	-4646 Apr 24 j 15:46	14°♓07'27	
direct	-4646 Apr 27 j 04:26	13°♓52'24	
morning max el	-4646 May 08 j 08:12	19°♓05'17	20°44'39
	-4646 May 16 j 23:18	0°♈	
asc. node	-4646 May 24 j 03:36	12°♈49'09	
morning set	-4646 May 27 j 09:45	19°♈21'02	
	-4646 Jun 01 j 13:25	0°♉	
superior conj	-4646 Jun 04 j 01:32	5°♉09'09	1°32'00
minimum elong	-4646 Jun 03 j 22:54	4°♉55'44	1°31'51
max. Earth dist.	-4646 Jun 08 j 12:44	14°♉06'28	1.35840 AU
evening rise	-4646 Jun 12 j 19:43	22°♉19'37	
	-4646 Jun 17 j 00:53	0°♊	
desc. node	-4646 Jul 06 j 01:33	29°♊50'25	
	-4646 Jul 06 j 04:22	0°♋	
evening max el	-4646 Jul 18 j 10:10	14°♋32'29	26°21'24
retrograde	-4646 Jul 31 j 03:43	21°♋46'47	
evening set	-4646 Aug 06 j 14:42	19°♋03'37	
min. Earth dist.	-4646 Aug 10 j 17:28	14°♋39'58	0.66158 AU
inferior conj	-4646 Aug 12 j 04:59	12°♋50'20	-2°-28'-57
minimum elong	-4646 Aug 12 j 08:10	12°♋40'29	2°27'39
morning rise	-4646 Aug 18 j 02:31	6°♋59'12	
asc. node	-4646 Aug 20 j 03:04	6°♋11'46	
direct	-4646 Aug 21 j 04:02	6°♋05'36	
morning max el	-4646 Aug 28 j 00:28	9°♋56'33	18°51'32
	-4646 Sep 11 j 06:04	0°♌	
morning set	-4646 Sep 18 j 09:19	11°♌20'41	
	-4646 Sep 30 j 04:02	0°♍	
desc. node	-4646 Oct 02 j 01:06	2°♍57'35	
max. Earth dist.	-4646 Oct 04 j 00:58	6°♍06'14	1.44774 AU
superior conj	-4646 Oct 04 j 12:58	6°♍53'30	0°-15'-41
minimum elong	-4646 Oct 04 j 10:55	6°♍45'26	0°15'20
behind sun begin	-4646 Oct 04 j 06:55	6°♍29'41	
behind sun end	-4646 Oct 04 j 14:55	7°♍01'12	
	-4646 Oct 19 j 01:54	0°♎	
evening rise	-4646 Oct 20 j 08:22	2°♎02'33	
	-4646 Nov 07 j 11:29	0°♏	
evening max el	-4646 Nov 10 j 10:11	3°♏26'07	18°51'25
asc. node	-4646 Nov 16 j 01:48	7°♏09'57	
retrograde	-4646 Nov 17 j 05:48	7°♏17'34	
evening set	-4646 Nov 20 j 07:08	6°♏24'14	
inferior conj	-4646 Nov 26 j 03:50	0°♏38'23	3°00'03
minimum elong	-4646 Nov 26 j 00:36	0°♏48'14	2°59'03
	-4646 Nov 26 j 16:21	30°℞♎	
min. Earth dist.	-4646 Nov 27 j 19:20	28°♎37'40	0.65201 AU
morning rise	-4646 Dec 01 j 17:00	24°♎29'26	
direct	-4646 Dec 08 j 07:19	21°♎40'46	
morning max el	-4646 Dec 21 j 08:27	29°♎14'52	26°49'40
	-4646 Dec 22 j 02:18	0°♏	
desc. node	-4646 Dec 29 j 01:07	8°♏01'30	
	-4645 Jan 13 j 04:38	0°♐	
morning set	-4645 Jan 26 j 02:46	22°♐47'48	
	-4645 Jan 29 j 19:17	0°♑	
max. Earth dist.	-4645 Jan 30 j 13:54	1°♑33'08	1.34562 AU
superior conj	-4645 Feb 03 j 14:02	9°♑44'58	-1°-17'-48
minimum elong	-4645 Feb 03 j 16:59	10°♑00'20	1°17'37
evening rise	-4645 Feb 11 j 02:39	25°♑31'07	
asc. node	-4645 Feb 12 j 00:49	27°♑25'25	
	-4645 Feb 13 j 07:11	0°♒	
evening max el	-4645 Mar 02 j 21:54	27°♒16'03	21°18'12
	-4645 Mar 06 j 05:53	0°♓	
retrograde	-4645 Mar 14 j 17:30	2°♓54'56	
evening set	-4645 Mar 17 j 06:10	2°♓40'19	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4645 Mar 24 j 02:47	30°℞♒	
inferior conj	-4645 Mar 26 j 11:36	28°♒41'07	0°08'39
minimum elong	-4645 Mar 26 j 12:00	28°♒40'34	0°08'23
transit middle	-4645 Mar 26 j 12:00	28°♒40'34	0°08'23
transit begin	-4645 Mar 26 j 08:31	28°♒45'29	
transit end	-4645 Mar 26 j 15:28	28°♒35'38	
min. Earth dist.	-4645 Mar 26 j 23:12	28°♒24'42	0.55197 AU
desc. node	-4645 Mar 27 j 00:09	28°♒23'22	
morning rise	-4645 Apr 04 j 17:22	24°♒34'55	
direct	-4645 Apr 07 j 16:59	24°♒15'22	
	-4645 Apr 20 j 00:44	0°♓	
morning max el	-4645 Apr 20 j 10:06	0°♓21'43	22°13'23
	-4645 May 09 j 18:09	0°♈	
asc. node	-4645 May 11 j 00:33	2°♈35'02	
morning set	-4645 May 11 j 19:41	4°♈13'57	
superior conj	-4645 May 19 j 03:23	19°♈41'06	1°14'59
minimum elong	-4645 May 19 j 00:43	19°♈27'05	1°14'39
max. Earth dist.	-4645 May 22 j 06:08	26°♈10'08	1.34502 AU
	-4645 May 24 j 03:18	0°♉	
evening rise	-4645 May 27 j 03:51	5°♉59'10	
	-4645 Jun 09 j 17:02	0°♊	
desc. node	-4645 Jun 22 j 22:40	19°♊00'43	
evening max el	-4645 Jun 30 j 21:38	27°♊56'01	27°06'48
	-4645 Jul 03 j 03:57	0°♋	
retrograde	-4645 Jul 14 j 05:03	5°♋18'55	
evening set	-4645 Jul 21 j 02:57	2°♋31'57	
	-4645 Jul 23 j 19:32	30°℞♊	
min. Earth dist.	-4645 Jul 24 j 22:33	28°♊46'32	0.65038 AU
inferior conj	-4645 Jul 26 j 23:32	26°♊26'58	-3°-12'-39
minimum elong	-4645 Jul 27 j 03:11	26°♊16'35	3°11'28
morning rise	-4645 Aug 02 j 04:43	20°♊50'31	
direct	-4645 Aug 04 j 23:57	20°♊08'03	
asc. node	-4645 Aug 07 j 00:07	20°♊29'39	
morning max el	-4645 Aug 11 j 13:10	23°♊41'34	18°16'22
	-4645 Aug 16 j 14:38	0°♋	
morning set	-4645 Aug 30 j 05:33	21°♋52'59	
	-4645 Sep 04 j 03:36	0°♌	
superior conj	-4645 Sep 13 j 14:52	15°♌18'11	0°33'04
minimum elong	-4645 Sep 13 j 18:50	15°♌33'58	0°32'44
max. Earth dist.	-4645 Sep 16 j 18:57	20°♌20'12	1.44629 AU
desc. node	-4645 Sep 18 j 22:02	23°♌41'49	
	-4645 Sep 22 j 22:21	0°♍	
evening rise	-4645 Sep 30 j 06:53	11°♍29'10	
	-4645 Oct 12 j 06:29	0°♎	
greatest brilliancy	-4645 Oct 16 j 08:14	6°♎03'22	-0.7m
evening max el	-4645 Oct 24 j 18:05	16°♎53'12	19°38'25
retrograde	-4645 Nov 01 j 02:13	21°♎08'46	
asc. node	-4645 Nov 02 j 22:56	20°♎48'37	
evening set	-4645 Nov 04 j 11:18	20°♎02'09	
inferior conj	-4645 Nov 10 j 02:24	14°♎02'38	2°16'31
minimum elong	-4645 Nov 09 j 23:37	14°♎11'43	2°15'31
min. Earth dist.	-4645 Nov 11 j 04:41	12°♎37'03	0.66236 AU
morning rise	-4645 Nov 15 j 11:12	7°♎48'09	
direct	-4645 Nov 21 j 12:11	5°♎10'41	
morning max el	-4645 Dec 03 j 17:38	12°♎23'39	25°43'44
desc. node	-4645 Dec 15 j 22:05	27°♎07'56	
	-4645 Dec 17 j 23:34	0°♏	
	-4644 Jan 05 j 20:52	0°♐	
morning set	-4644 Jan 08 j 22:34	5°♐31'12	
max. Earth dist.	-4644 Jan 12 j 20:10	12°♐48'34	1.36082 AU
superior conj	-4644 Jan 18 j 08:36	23°♐37'32	-1°-36'-16
minimum elong	-4644 Jan 18 j 11:32	23°♐52'18	1°36'13
	-4644 Jan 21 j 12:03	0°♑	
evening rise	-4644 Jan 26 j 08:31	9°♑55'44	

asc. node	-4644 Jan 29 j 21:52	17°♑01'28	
	-4644 Feb 06 j 06:18	0°♒	
evening max el	-4644 Feb 13 j 06:33	8°♒46'42	20°02'11
retrograde	-4644 Feb 23 j 09:41	13°♒34'35	
evening set	-4644 Feb 25 j 17:57	13°♒20'20	
inferior conj	-4644 Mar 05 j 11:09	9°♒20'06	1°57'47
minimum elong	-4644 Mar 05 j 15:42	9°♒13'11	1°56'13
min. Earth dist.	-4644 Mar 07 j 13:18	8°♒04'05	0.55787 AU
desc. node	-4644 Mar 12 j 21:16	5°♒21'16	
morning rise	-4644 Mar 14 j 10:37	4°♒49'59	
direct	-4644 Mar 18 j 09:38	4°♒15'27	
morning max el	-4644 Apr 01 j 03:35	11°♒05'42	23°51'43
	-4644 Apr 15 j 06:36	0°♓	
morning set	-4644 Apr 25 j 07:37	19°♓15'06	
asc. node	-4644 Apr 26 j 21:31	22°♓35'11	
	-4644 Apr 30 j 08:23	0°♈	
superior conj	-4644 May 02 j 10:31	4°♈30'10	0°54'30
minimum elong	-4644 May 02 j 08:20	4°♈18'26	0°54'06
max. Earth dist.	-4644 May 04 j 09:17	8°♈40'17	1.33529 AU
evening rise	-4644 May 09 j 23:04	20°♈13'15	
	-4644 May 15 j 00:12	0°♉	
	-4644 Jun 02 j 18:51	0°♊	
desc. node	-4644 Jun 08 j 19:48	7°♊22'08	
evening max el	-4644 Jun 12 j 08:05	11°♊00'45	27°25'14
retrograde	-4644 Jun 26 j 00:23	18°♊25'13	
evening set	-4644 Jul 03 j 03:37	15°♊46'28	
min. Earth dist.	-4644 Jul 06 j 18:26	12°♊34'49	0.63539 AU
inferior conj	-4644 Jul 09 j 09:30	9°♊52'43	-3°-48'-1
minimum elong	-4644 Jul 09 j 12:48	9°♊44'13	3°47'15
morning rise	-4644 Jul 15 j 23:52	4°♊34'13	
direct	-4644 Jul 18 j 14:58	4°♊00'15	
asc. node	-4644 Jul 23 j 21:11	6°♊14'56	
morning max el	-4644 Jul 25 j 03:51	7°♊24'49	17°58'48
	-4644 Aug 09 j 01:06	0°♋	
morning set	-4644 Aug 11 j 03:01	3°♋37'03	
superior conj	-4644 Aug 23 j 12:23	24°♋42'07	1°12'32
minimum elong	-4644 Aug 23 j 18:18	25°♋06'31	1°12'08
	-4644 Aug 26 j 17:58	0°♌	
max. Earth dist.	-4644 Aug 29 j 11:00	4°♌22'41	1.43783 AU
desc. node	-4644 Sep 04 j 19:00	14°♌24'59	
evening rise	-4644 Sep 08 j 12:24	20°♌12'48	
	-4644 Sep 14 j 21:43	0°♍	
greatest brilliancy	-4644 Sep 30 j 19:43	23°♍06'14	-0.5m
	-4644 Oct 06 j 12:58	0°♎	
evening max el	-4644 Oct 06 j 20:27	0°♎19'27	20°39'52
retrograde	-4644 Oct 14 j 23:21	5°♎06'55	
evening set	-4644 Oct 18 j 18:27	3°♎44'13	
asc. node	-4644 Oct 19 j 20:06	2°♎51'04	
	-4644 Oct 22 j 09:36	30°℞♍	
inferior conj	-4644 Oct 24 j 05:37	27°♍34'17	1°27'45
minimum elong	-4644 Oct 24 j 03:41	27°♍40'50	1°27'01
min. Earth dist.	-4644 Oct 24 j 20:08	26°♍45'03	0.66929 AU
morning rise	-4644 Oct 29 j 12:28	21°♍16'55	
direct	-4644 Nov 03 j 22:11	18°♍57'40	
morning max el	-4644 Nov 15 j 02:24	25°♍37'17	24°22'52
	-4644 Nov 19 j 02:30	0°♎	
desc. node	-4644 Dec 01 j 19:02	16°♎47'50	
	-4644 Dec 10 j 12:56	0°♏	
morning set	-4644 Dec 20 j 21:34	17°♏08'14	
max. Earth dist.	-4644 Dec 24 j 18:05	23°♏57'59	1.37972 AU
	-4644 Dec 28 j 01:01	0°♐	
superior conj	-4644 Dec 31 j 15:57	6°♐51'34	-1°-49'-5
minimum elong	-4644 Dec 31 j 17:55	7°♐00'57	1°49'13
evening rise	-4643 Jan 09 j 08:24	23°♐56'18	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4643 Jan 12 j 10:50	0°♑		
asc. node	-4643 Jan 15 j 18:56	6°♑13'51		
evening max el	-4643 Jan 26 j 01:23	20°♑52'08	19°04'33	
retrograde	-4643 Feb 03 j 16:01	24°♑59'16		
evening set	-4643 Feb 06 j 01:30	24°♑41'30		
inferior conj	-4643 Feb 14 j 02:19	20°♑26'49	3°15'52	
minimum elong	-4643 Feb 14 j 07:01	20°♑18'36	3°14'41	
min. Earth dist.	-4643 Feb 17 j 04:20	18°♑18'43	0.57153 AU	
morning rise	-4643 Feb 22 j 08:50	15°♑27'09		
direct	-4643 Feb 27 j 13:42	14°♑23'31		
desc. node	-4643 Feb 27 j 18:24	14°♑23'36		
morning max el	-4643 Mar 13 j 18:29	21°♑41'41	25°27'04	
	-4643 Mar 21 j 00:34	0°♒		
	-4643 Apr 07 j 17:55	0°♓		
morning set	-4643 Apr 09 j 19:51	4°♓18'20		
asc. node	-4643 Apr 13 j 18:31	12°♓44'32		
superior conj	-4643 Apr 16 j 20:51	19°♓29'16	0°31'40	
minimum elong	-4643 Apr 16 j 19:30	19°♓21'53	0°31'20	
max. Earth dist.	-4643 Apr 17 j 19:17	21°♓31'13	1.32900 AU	
	-4643 Apr 21 j 18:05	0°♈		
evening rise	-4643 Apr 24 j 01:54	4°♈50'48		
	-4643 May 07 j 16:55	0°♉		
evening max el	-4643 May 25 j 15:03	23°♉34'10	27°12'02	
desc. node	-4643 May 26 j 16:55	24°♉34'22		
	-4643 Jun 03 j 20:20	0°♊		
retrograde	-4643 Jun 08 j 13:16	0°♊57'27		
	-4643 Jun 13 j 01:51	30°℞♉		
evening set	-4643 Jun 15 j 12:55	28°♉40'50		
min. Earth dist.	-4643 Jun 19 j 04:22	25°♉52'21	0.61703 AU	
inferior conj	-4643 Jun 22 j 07:46	23°♉00'58	-4°-10'-26	
minimum elong	-4643 Jun 22 j 09:33	22°♉56'55	4°10'08	
morning rise	-4643 Jun 29 j 08:53	18°♉03'16		
direct	-4643 Jul 01 j 21:35	17°♉35'51		
morning max el	-4643 Jul 08 j 17:54	21°♉01'05	17°59'42	
asc. node	-4643 Jul 10 j 18:14	23°♉12'52		
	-4643 Jul 15 j 13:05	0°♊		
morning set	-4643 Jul 24 j 20:32	16°♊19'18		
	-4643 Aug 01 j 10:32	0°♋		
superior conj	-4643 Aug 04 j 13:37	5°♋29'09	1°37'22	
minimum elong	-4643 Aug 04 j 17:42	5°♋46'49	1°37'19	
max. Earth dist.	-4643 Aug 11 j 22:00	17°♋55'01	1.42355 AU	
evening rise	-4643 Aug 18 j 19:32	29°♋02'55		
	-4643 Aug 19 j 10:01	0°♌		
desc. node	-4643 Aug 22 j 15:59	5°♌04'11		
	-4643 Sep 08 j 14:22	0°♍		
greatest brilliancy	-4643 Sep 14 j 20:06	8°♍13'09	-0.4m	
evening max el	-4643 Sep 19 j 16:30	13°♍44'30	21°52'44	
retrograde	-4643 Sep 28 j 19:25	19°♍09'37		
evening set	-4643 Oct 03 j 02:37	17°♍28'33		
asc. node	-4643 Oct 06 j 17:15	13°♍34'39		
inferior conj	-4643 Oct 08 j 11:26	11°♍11'43	0°35'53	
minimum elong	-4643 Oct 08 j 10:37	11°♍14'33	0°35'37	
min. Earth dist.	-4643 Oct 08 j 15:20	10°♍58'14	0.67309 AU	
morning rise	-4643 Oct 13 j 18:24	4°♍54'16		
direct	-4643 Oct 18 j 12:52	2°♍56'11		
morning max el	-4643 Oct 28 j 12:46	8°♍54'14	22°56'37	
greatest brilliancy	-4643 Nov 02 j 09:53	14°♍23'37	-0.3m	
	-4643 Nov 13 j 23:59	0°♎		
desc. node	-4643 Nov 18 j 15:59	6°♎51'40		
morning set	-4643 Dec 01 j 18:00	27°♎25'24		
	-4643 Dec 03 j 07:15	0°♏		
max. Earth dist.	-4643 Dec 06 j 14:36	5°♏35'49	1.40032 AU	
superior conj	-4643 Dec 14 j 07:38	19°♏15'31	-1°-53'-25	
minimum elong	-4643 Dec 14 j 07:17	19°♏13'57	1°53'36	
	-4643 Dec 20 j 01:53	0°♐		
evening rise	-4643 Dec 23 j 23:37	7°♐26'22		
asc. node	-4642 Jan 02 j 16:01	24°♐54'58		
	-4642 Jan 06 j 03:46	0°♑		
evening max el	-4642 Jan 09 j 04:51	3°♑28'25	18°26'57	
retrograde	-4642 Jan 16 j 16:46	7°♑09'31		
evening set	-4642 Jan 19 j 04:35	6°♑46'19		
inferior conj	-4642 Jan 26 j 13:48	2°♑11'19	3°56'01	
minimum elong	-4642 Jan 26 j 15:58	2°♑06'55	3°55'36	
	-4642 Jan 29 j 06:33	30°℞♐		
min. Earth dist.	-4642 Jan 29 j 22:46	29°♐28'19	0.59004 AU	
morning rise	-4642 Feb 02 j 23:56	26°♐46'56		
direct	-4642 Feb 09 j 06:47	25°♐04'32		
desc. node	-4642 Feb 14 j 15:31	26°♐15'39		
	-4642 Feb 20 j 14:03	0°♑		
morning max el	-4642 Feb 23 j 12:42	2°♑37'44	26°44'00	
	-4642 Mar 15 j 06:45	0°♒		
morning set	-4642 Mar 25 j 06:36	19°♒16'35		
	-4642 Mar 30 j 06:52	0°♓		
asc. node	-4642 Mar 31 j 15:29	2°♓58'04		
superior conj	-4642 Apr 01 j 08:32	4°♓31'22	0°07'24	
minimum elong	-4642 Apr 01 j 08:13	4°♓29'36	0°07'13	
behind sun begin	-4642 Apr 01 j 03:45	4°♓05'08		
behind sun end	-4642 Apr 01 j 12:41	4°♓54'05		
max. Earth dist.	-4642 Apr 01 j 08:28	4°♓31'01	1.32610 AU	
evening rise	-4642 Apr 08 j 09:42	19°♓42'13		
	-4642 Apr 13 j 12:40	0°♈		
	-4642 May 02 j 15:10	0°♉		
evening max el	-4642 May 07 j 16:21	5°♉26'46	26°26'19	
desc. node	-4642 May 13 j 14:04	10°♉08'04		
retrograde	-4642 May 21 j 18:25	12°♉46'32		
evening set	-4642 May 28 j 02:45	11°♉04'20		
min. Earth dist.	-4642 Jun 01 j 05:25	8°♉22'45	0.59672 AU	
inferior conj	-4642 Jun 04 j 14:38	5°♉41'59	-4°-12'-48	
minimum elong	-4642 Jun 04 j 13:34	5°♉44'07	4°12'38	
morning rise	-4642 Jun 12 j 04:02	1°♉06'15		
direct	-4642 Jun 14 j 15:25	0°♉44'05		
morning max el	-4642 Jun 22 j 04:22	4°♉21'35	18°19'55	
asc. node	-4642 Jun 27 j 15:16	11°♉07'19		
morning set	-4642 Jul 08 j 04:57	29°♉45'58		
	-4642 Jul 08 j 07:55	0°♊		
superior conj	-4642 Jul 17 j 15:53	17°♊31'17	1°48'17	
minimum elong	-4642 Jul 17 j 17:08	17°♊36'58	1°48'28	
	-4642 Jul 24 j 16:36	0°♋		
max. Earth dist.	-4642 Jul 25 j 02:48	0°♋43'50	1.40545 AU	
evening rise	-4642 Jul 29 j 22:23	8°♋49'36		
desc. node	-4642 Aug 09 j 12:58	25°♋35'08		
	-4642 Aug 12 j 11:39	0°♌		
greatest brilliancy	-4642 Aug 27 j 14:43	20°♌45'45	-0.2m	
evening max el	-4642 Sep 02 j 06:59	27°♌09'23	23°12'32	
	-4642 Sep 05 j 09:48	0°♍		
retrograde	-4642 Sep 12 j 12:50	3°♍13'34		
evening set	-4642 Sep 17 j 09:56	1°♍12'45		
	-4642 Sep 18 j 16:44	30°℞♌		
inferior conj	-4642 Sep 22 j 18:02	24°♌52'39	0°-17'-20	
minimum elong	-4642 Sep 22 j 18:26	24°♌51'17	0°17'02	
min. Earth dist.	-4642 Sep 22 j 11:47	25°♌14'12	0.67391 AU	
asc. node	-4642 Sep 23 j 14:24	23°♌42'58		
morning rise	-4642 Sep 28 j 02:57	18°♌38'17		
direct	-4642 Oct 02 j 07:22	17°♌01'14		
morning max el	-4642 Oct 11 j 03:39	22°♌15'53	21°33'27	
greatest brilliancy	-4642 Oct 16 j 07:04	28°♌11'32	-0.4m	
	-4642 Oct 17 j 16:56	0°♍		
desc. node	-4642 Nov 05 j 12:55	27°♍12'08		
	-4642 Nov 07 j 08:29	0°♎		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4642 Nov 11 j 10:22	6°♎22'51	
max. Earth dist.	-4642 Nov 18 j 15:57	18°♎03'16	1.41981 AU
	-4642 Nov 25 j 17:50	0°♏	
superior conj	-4642 Nov 26 j 02:02	0°♏35'27	-1°-45'-44
minimum elong	-4642 Nov 25 j 22:15	0°♏19'04	1°45'40
evening rise	-4642 Dec 07 j 02:38	20°♏17'59	
	-4642 Dec 12 j 11:15	0°♐	
asc. node	-4642 Dec 20 j 13:07	12°♐54'57	
evening max el	-4642 Dec 23 j 14:14	16°♐27'57	18°09'26
retrograde	-4642 Dec 30 j 10:08	19°♐57'18	
evening set	-4641 Jan 02 j 00:28	19°♐27'28	
inferior conj	-4641 Jan 08 j 20:28	14°♐30'33	4°04'39
minimum elong	-4641 Jan 08 j 19:51	14°♐32'00	4°04'24
min. Earth dist.	-4641 Jan 11 j 23:31	11°♐36'16	0.61001 AU
morning rise	-4641 Jan 15 j 12:39	8°♐48'45	
direct	-4641 Jan 22 j 10:48	6°♐30'22	
desc. node	-4641 Feb 01 j 12:36	10°♐40'13	
morning max el	-4641 Feb 05 j 12:54	14°♐10'46	27°30'28
	-4641 Feb 18 j 07:45	0°♑	
	-4641 Mar 07 j 14:08	0°♒	
morning set	-4641 Mar 09 j 14:01	4°♒03'08	
max. Earth dist.	-4641 Mar 15 j 21:11	17°♒26'44	1.32666 AU
superior conj	-4641 Mar 16 j 19:56	19°♒30'43	0°-17'-29
minimum elong	-4641 Mar 16 j 20:44	19°♒35'00	0°17'30
asc. node	-4641 Mar 18 j 12:28	23°♒11'52	
	-4641 Mar 21 j 15:42	0°♓	
evening rise	-4641 Mar 23 j 20:21	4°♓40'10	
	-4641 Apr 06 j 11:15	0°♈	
evening max el	-4641 Apr 19 j 11:44	16°♈39'50	25°12'43
desc. node	-4641 Apr 30 j 11:13	23°♈27'16	
retrograde	-4641 May 03 j 13:20	23°♈49'40	
evening set	-4641 May 08 j 19:01	22°♈45'53	
min. Earth dist.	-4641 May 14 j 00:13	19°♈54'35	0.57707 AU
inferior conj	-4641 May 17 j 02:43	17°♈46'49	-3°-45'-35
minimum elong	-4641 May 16 j 22:20	17°♈54'24	3°44'51
morning rise	-4641 May 25 j 05:48	13°♈31'34	
direct	-4641 May 27 j 16:31	13°♈13'32	
morning max el	-4641 Jun 05 j 08:18	17°♈16'54	19°00'14
asc. node	-4641 Jun 14 j 12:16	29°♈45'16	
	-4641 Jun 14 j 15:42	0°♉	
morning set	-4641 Jun 22 j 00:11	13°♉47'04	
	-4641 Jun 30 j 06:40	0°♊	
superior conj	-4641 Jun 30 j 13:31	0°♊32'50	1°48'06
minimum elong	-4641 Jun 30 j 12:30	0°♊28'02	1°48'16
max. Earth dist.	-4641 Jul 07 j 04:16	12°♊52'07	1.38605 AU
evening rise	-4641 Jul 11 j 03:42	19°♊53'53	
	-4641 Jul 17 j 03:58	0°♋	
desc. node	-4641 Jul 27 j 09:58	15°♋53'16	
	-4641 Aug 06 j 14:22	0°♌	
evening max el	-4641 Aug 15 j 18:19	10°♌37'18	24°32'50
retrograde	-4641 Aug 27 j 02:29	17°♌15'44	
evening set	-4641 Sep 01 j 14:39	14°♌55'37	
inferior conj	-4641 Sep 06 j 23:42	8°♌35'45	-1°-10'-16
minimum elong	-4641 Sep 07 j 01:19	8°♌30'19	1°09'26
min. Earth dist.	-4641 Sep 06 j 06:57	9°♌31'55	0.67175 AU
asc. node	-4641 Sep 10 j 11:32	4°♌16'07	
morning rise	-4641 Sep 12 j 12:15	2°♌27'49	
direct	-4641 Sep 16 j 04:33	1°♌09'54	
morning max el	-4641 Sep 24 j 01:18	5°♌45'22	20°19'42
greatest brilliancy	-4641 Sep 30 j 19:27	13°♌58'40	-0.6m
	-4641 Oct 11 j 20:27	0°♍	
morning set	-4641 Oct 21 j 09:39	14°♍36'40	
desc. node	-4641 Oct 23 j 09:48	17°♍43'50	
	-4641 Oct 31 j 04:23	0°♎	

max. Earth dist.	-4641 Nov 01 j 00:50	1°♎21'58	1.43553 AU
superior conj	-4641 Nov 06 j 17:54	10°♎38'52	-1°-22'-37
minimum elong	-4641 Nov 06 j 11:19	10°♎11'46	1°22'01
	-4641 Nov 18 j 04:29	0°♏	
evening rise	-4641 Nov 19 j 13:11	2°♏21'46	
evening max el	-4641 Dec 07 j 02:35	29°♏41'49	18°11'19
asc. node	-4641 Dec 07 j 10:14	0°♐00'47	
	-4641 Dec 07 j 09:55	0°♐	
retrograde	-4641 Dec 13 j 16:02	3°♐11'47	
evening set	-4641 Dec 16 j 09:31	2°♐34'08	
	-4641 Dec 20 j 01:14	30°℞♏	
inferior conj	-4641 Dec 22 j 18:45	27°♏16'03	3°50'46
minimum elong	-4641 Dec 22 j 16:19	27°♏22'29	3°50'15
min. Earth dist.	-4641 Dec 25 j 09:01	24°♏32'14	0.62873 AU
morning rise	-4641 Dec 28 j 21:19	21°♏21'33	
direct	-4640 Jan 04 j 23:04	18°♏39'50	
morning max el	-4640 Jan 18 j 18:35	26°♏22'29	27°41'10
desc. node	-4640 Jan 19 j 09:39	27°♏00'06	
	-4640 Jan 22 j 04:49	0°♐	
	-4640 Feb 11 j 19:58	0°♑	
morning set	-4640 Feb 21 j 15:48	18°♑29'05	
max. Earth dist.	-4640 Feb 27 j 05:36	0°♒04'14	1.33084 AU
	-4640 Feb 27 j 04:48	0°♒	
superior conj	-4640 Feb 29 j 05:19	4°♒20'08	0°-42'-6
minimum elong	-4640 Feb 29 j 07:09	4°♒30'02	0°41'58
asc. node	-4640 Mar 04 j 09:26	13°♒21'04	
evening rise	-4640 Mar 07 j 07:58	19°♒36'56	
	-4640 Mar 12 j 11:04	0°♓	
evening max el	-4640 Mar 31 j 03:54	27°♓27'06	23°42'02
	-4640 Apr 03 j 02:38	0°♈	
retrograde	-4640 Apr 13 j 19:34	4°♈14'17	
desc. node	-4640 Apr 16 j 08:22	3°♈59'59	
evening set	-4640 Apr 17 j 17:46	3°♈40'23	
min. Earth dist.	-4640 Apr 24 j 15:26	0°♈27'05	0.56139 AU
	-4640 Apr 25 j 09:31	30°℞♓	
inferior conj	-4640 Apr 26 j 18:43	29°♓09'37	-2°-40'-8
minimum elong	-4640 Apr 26 j 13:02	29°♓18'14	2°38'38
morning rise	-4640 May 05 j 11:51	25°♓09'05	
direct	-4640 May 07 j 23:01	24°♓53'37	
morning max el	-4640 May 18 j 03:02	29°♓37'24	20°00'59
	-4640 May 18 j 12:34	0°♈	
asc. node	-4640 May 31 j 09:14	18°♈56'00	
morning set	-4640 Jun 05 j 03:01	28°♈14'03	
	-4640 Jun 05 j 23:57	0°♉	
superior conj	-4640 Jun 13 j 01:12	14°♉18'55	1°39'40
minimum elong	-4640 Jun 12 j 22:55	14°♉07'28	1°39'39
max. Earth dist.	-4640 Jun 18 j 08:16	24°♉39'57	1.36772 AU
	-4640 Jun 21 j 04:33	0°♊	
evening rise	-4640 Jun 22 j 08:54	2°♊09'55	
	-4640 Jul 09 j 05:40	0°♋	
desc. node	-4640 Jul 13 j 07:00	5°♋52'30	
evening max el	-4640 Jul 28 j 05:01	24°♋08'17	25°45'55
	-4640 Aug 04 j 21:17	0°♌	
retrograde	-4640 Aug 09 j 11:39	1°♌11'55	
	-4640 Aug 13 j 16:20	30°℞♋	
evening set	-4640 Aug 15 j 14:51	28°♋35'26	
min. Earth dist.	-4640 Aug 19 j 22:23	23°♋49'33	0.66632 AU
inferior conj	-4640 Aug 21 j 02:39	22°♋19'07	-2°-1'-13
minimum elong	-4640 Aug 21 j 05:21	22°♋10'28	2°00'01
morning rise	-4640 Aug 26 j 20:28	16°♋21'00	
asc. node	-4640 Aug 27 j 08:38	16°♋03'20	
direct	-4640 Aug 30 j 02:47	15°♋19'22	
morning max el	-4640 Sep 06 j 06:06	19°♋23'43	19°19'22
	-4640 Sep 14 j 12:00	0°♌	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

greatest brilliancy	-4640 Sep 16 j 18:08	3°♌20'18	-0.7m
morning set	-4640 Sep 29 j 14:48	23°♌14'20	
	-4640 Oct 03 j 22:26	0°♍	
desc. node	-4640 Oct 09 j 06:42	8°♍23'12	
max. Earth dist.	-4640 Oct 13 j 16:11	15°♍19'04	1.44533 AU
superior conj	-4640 Oct 16 j 07:19	19°♍29'21	0°-43'-24
minimum elong	-4640 Oct 16 j 02:06	19°♍08'38	0°42'42
	-4640 Oct 22 j 20:42	0°♎	
evening rise	-4640 Oct 31 j 02:36	13°♎29'03	
	-4640 Nov 10 j 04:05	0°♏	
evening max el	-4640 Nov 19 j 15:07	13°♏04'04	18°31'39
asc. node	-4640 Nov 23 j 07:22	15°♏57'55	
retrograde	-4640 Nov 26 j 06:20	16°♏45'02	
evening set	-4640 Nov 29 j 04:18	15°♏57'56	
inferior conj	-4640 Dec 05 j 04:59	10°♏21'07	3°21'41
minimum elong	-4640 Dec 05 j 01:48	10°♏30'25	3°20'47
min. Earth dist.	-4640 Dec 07 j 04:33	8°♏02'28	0.64454 AU
morning rise	-4640 Dec 10 j 22:02	4°♏16'40	
direct	-4640 Dec 17 j 18:14	1°♏26'56	
morning max el	-4640 Dec 31 j 03:40	9°♏06'22	27°17'07
desc. node	-4639 Jan 05 j 06:41	14°♏42'53	
	-4639 Jan 16 j 13:54	0°♐	
	-4639 Feb 03 j 03:11	0°♑	
morning set	-4639 Feb 04 j 09:08	2°♑25'04	
max. Earth dist.	-4639 Feb 09 j 05:57	12°♑11'55	1.33904 AU
superior conj	-4639 Feb 12 j 10:48	18°♑53'16	-1°-5'-27
minimum elong	-4639 Feb 12 j 13:28	19°♑07'21	1°05'14
	-4639 Feb 17 j 16:16	0°♒	
asc. node	-4639 Feb 19 j 06:26	3°♒21'24	
evening rise	-4639 Feb 19 j 18:48	4°♒26'08	
	-4639 Mar 05 j 23:52	0°♓	
evening max el	-4639 Mar 12 j 22:27	8°♓13'56	22°08'20
retrograde	-4639 Mar 25 j 14:01	14°♓21'55	
evening set	-4639 Mar 28 j 11:09	14°♓03'32	
desc. node	-4639 Apr 03 j 05:33	11°♓53'08	
min. Earth dist.	-4639 Apr 06 j 05:26	10°♓15'23	0.55283 AU
inferior conj	-4639 Apr 06 j 18:50	9°♓56'29	0°-58'-22
minimum elong	-4639 Apr 06 j 16:10	10°♓00'15	0°57'34
morning rise	-4639 Apr 15 j 22:36	5°♓57'58	
direct	-4639 Apr 18 j 14:39	5°♓41'53	
morning max el	-4639 Apr 30 j 11:00	11°♓17'01	21°20'45
	-4639 May 13 j 19:37	0°♈	
asc. node	-4639 May 18 j 06:11	8°♈31'08	
morning set	-4639 May 20 j 10:57	12°♈59'28	
superior conj	-4639 May 27 j 22:48	28°♈37'05	1°25'17
minimum elong	-4639 May 27 j 20:05	28°♈23'00	1°25'03
	-4639 May 28 j 14:52	0°♉	
max. Earth dist.	-4639 May 31 j 20:00	6°♉32'14	1.35222 AU
evening rise	-4639 Jun 05 j 08:39	15°♉22'57	
	-4639 Jun 13 j 10:55	0°♊	
desc. node	-4639 Jun 30 j 04:05	25°♊23'58	
	-4639 Jul 03 j 18:50	0°♋	
evening max el	-4639 Jul 10 j 16:04	7°♋36'19	26°43'37
retrograde	-4639 Jul 23 j 15:54	14°♋55'10	
evening set	-4639 Jul 30 j 08:14	12°♋08'51	
min. Earth dist.	-4639 Aug 03 j 07:43	8°♋02'02	0.65729 AU
inferior conj	-4639 Aug 05 j 00:54	5°♋59'00	-2°-48'-17
minimum elong	-4639 Aug 05 j 04:21	5°♋48'39	2°47'01
morning rise	-4639 Aug 11 j 01:31	0°♋13'59	
	-4639 Aug 11 j 12:37	30°℞♊	
direct	-4639 Aug 14 j 00:07	29°♊25'28	
asc. node	-4639 Aug 14 j 05:42	29°♊25'46	
	-4639 Aug 16 j 12:42	0°♋	
morning max el	-4639 Aug 20 j 16:36	3°♋07'40	18°34'36
	-4639 Sep 07 j 22:27	0°♌	
morning set	-4639 Sep 09 j 19:09	3°♌00'56	
superior conj	-4639 Sep 25 j 06:49	27°♌44'29	0°05'29
minimum elong	-4639 Sep 25 j 07:33	27°♌47'22	0°05'31
behind sun begin	-4639 Sep 24 j 20:46	27°♌04'48	
behind sun end	-4639 Sep 25 j 18:20	28°♌29'55	
desc. node	-4639 Sep 26 j 03:35	29°♌06'24	
max. Earth dist.	-4639 Sep 26 j 10:10	29°♌32'19	1.44802 AU
	-4639 Sep 26 j 17:11	0°♍	
evening rise	-4639 Oct 11 j 15:11	23°♍31'47	
	-4639 Oct 15 j 17:12	0°♎	
evening max el	-4639 Nov 03 j 01:16	26°♎29'48	19°09'23
	-4639 Nov 07 j 16:39	0°♏	
retrograde	-4639 Nov 10 j 01:28	0°♏30'48	
asc. node	-4639 Nov 10 j 04:30	0°♏30'43	
	-4639 Nov 12 j 08:45	30°℞♎	
evening set	-4639 Nov 13 j 05:48	29°♎32'07	
inferior conj	-4639 Nov 18 j 23:52	23°♎39'45	2°42'23
minimum elong	-4639 Nov 18 j 20:46	23°♎49'31	2°41'20
min. Earth dist.	-4639 Nov 20 j 09:29	21°♎53'50	0.65684 AU
morning rise	-4639 Nov 24 j 10:51	17°♎27'58	
direct	-4639 Nov 30 j 19:43	14°♎43'11	
morning max el	-4639 Dec 13 j 13:30	22°♎10'05	26°24'05
	-4639 Dec 20 j 11:54	0°♏	
desc. node	-4639 Dec 23 j 03:40	3°♏23'57	
	-4638 Jan 09 j 19:18	0°♐	
morning set	-4638 Jan 18 j 14:14	15°♐39'36	
max. Earth dist.	-4638 Jan 22 j 19:07	23°♐44'36	1.35157 AU
	-4638 Jan 25 j 22:15	0°♑	
superior conj	-4638 Jan 27 j 10:10	3°♑03'09	-1°-26'-11
minimum elong	-4638 Jan 27 j 13:13	3°♑18'46	1°26'03
evening rise	-4638 Feb 04 j 03:05	19°♑01'49	
asc. node	-4638 Feb 06 j 03:28	23°♑08'14	
	-4638 Feb 09 j 15:53	0°♒	
evening max el	-4638 Feb 23 j 01:06	19°♒25'13	20°43'46
retrograde	-4638 Mar 06 j 04:02	24°♒42'34	
evening set	-4638 Mar 08 j 13:26	24°♒28'51	
inferior conj	-4638 Mar 17 j 14:36	20°♒30'56	0°57'30
minimum elong	-4638 Mar 17 j 17:08	20°♒27'16	0°56'28
min. Earth dist.	-4638 Mar 18 j 19:42	19°♒48'53	0.55332 AU
desc. node	-4638 Mar 21 j 02:43	18°♒32'27	
morning rise	-4638 Mar 26 j 19:16	16°♒16'01	
direct	-4638 Mar 30 j 03:04	15°♒51'57	
morning max el	-4638 Apr 12 j 09:02	22°♒18'51	22°54'48
	-4638 Apr 19 j 01:15	0°♓	
morning set	-4638 May 04 j 21:59	27°♓57'20	
asc. node	-4638 May 05 j 03:09	28°♓24'20	
	-4638 May 05 j 21:23	0°♈	
superior conj	-4638 May 12 j 03:15	13°♈18'11	1°06'40
minimum elong	-4638 May 12 j 00:45	13°♈04'49	1°06'17
max. Earth dist.	-4638 May 14 j 17:38	18°♈46'57	1.34036 AU
evening rise	-4638 May 19 j 22:01	29°♈19'11	
	-4638 May 20 j 06:18	0°♉	
	-4638 Jun 06 j 13:23	0°♊	
desc. node	-4638 Jun 17 j 01:12	14°♊16'03	
evening max el	-4638 Jun 23 j 03:08	20°♊52'59	27°18'14
retrograde	-4638 Jul 06 j 14:56	28°♊18'01	
evening set	-4638 Jul 13 j 16:02	25°♊32'31	
min. Earth dist.	-4638 Jul 17 j 09:00	22°♊02'36	0.64444 AU
inferior conj	-4638 Jul 19 j 16:09	19°♊31'50	-3°-28'-56
minimum elong	-4638 Jul 19 j 19:45	19°♊21'57	3°27'54
morning rise	-4638 Jul 26 j 01:05	14°♊02'56	
direct	-4638 Jul 28 j 18:13	13°♊24'32	
asc. node	-4638 Aug 01 j 02:46	14°♊22'41	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4638 Aug 04 j 06:33	16°♊53'15	18°06'43
	-4638 Aug 13 j 17:03	0°♋	
morning set	-4638 Aug 22 j 02:35	14°♋04'59	
	-4638 Aug 31 j 15:26	0°♌	
superior conj	-4638 Sep 04 j 15:11	6°♌29'23	0°51'26
minimum elong	-4638 Sep 04 j 20:35	6°♌51'10	0°50'59
max. Earth dist.	-4638 Sep 09 j 03:14	13°♌42'00	1.44346 AU
desc. node	-4638 Sep 13 j 00:32	19°♌50'36	
	-4638 Sep 19 j 12:38	0°♍	
evening rise	-4638 Sep 21 j 04:45	2°♍35'25	
	-4638 Oct 09 j 09:18	0°♎	
greatest brilliancy	-4638 Oct 10 j 01:57	0°♎58'16	-0.6m
evening max el	-4638 Oct 17 j 06:55	9°♎56'30	20°02'55
retrograde	-4638 Oct 24 j 22:32	14°♎25'15	
evening set	-4638 Oct 28 j 11:30	13°♎12'17	
asc. node	-4638 Oct 28 j 01:40	13°♎28'16	
inferior conj	-4638 Nov 03 j 00:43	7°♎07'53	1°56'21
minimum elong	-4638 Nov 02 j 22:16	7°♎16'04	1°55'26
min. Earth dist.	-4638 Nov 03 j 21:53	5°♎57'33	0.66568 AU
morning rise	-4638 Nov 08 j 08:23	0°♎51'32	
	-4638 Nov 09 j 10:05	30°℞♍	
direct	-4638 Nov 14 j 02:55	28°♍21'06	
	-4638 Nov 19 j 08:47	0°♎	
morning max el	-4638 Nov 25 j 22:29	5°♎22'05	25°10'32
desc. node	-4638 Dec 10 j 00:38	22°♎46'12	
	-4638 Dec 15 j 00:23	0°♏	
morning set	-4637 Jan 01 j 02:02	27°♏57'28	
	-4637 Jan 02 j 05:14	0°♐	
max. Earth dist.	-4637 Jan 04 j 20:56	4°♐52'41	1.36844 AU
superior conj	-4637 Jan 11 j 00:29	16°♐40'53	-1°-42'-33
minimum elong	-4637 Jan 11 j 03:08	16°♐54'02	1°42'35
	-4637 Jan 17 j 15:39	0°♑	
evening rise	-4637 Jan 19 j 06:44	3°♑17'09	
asc. node	-4637 Jan 24 j 00:33	12°♑35'19	
	-4637 Feb 04 j 09:53	0°♒	
evening max el	-4637 Feb 05 j 14:16	1°♒11'29	19°35'19
retrograde	-4637 Feb 15 j 01:06	5°♒40'17	
evening set	-4637 Feb 17 j 09:22	5°♒25'01	
inferior conj	-4637 Feb 25 j 19:48	1°♒20'11	2°35'33
minimum elong	-4637 Feb 26 j 00:54	1°♒11'59	2°33'58
	-4637 Feb 27 j 21:47	30°℞♑	
min. Earth dist.	-4637 Feb 28 j 10:24	29°♑40'11	0.56282 AU
morning rise	-4637 Mar 06 j 12:54	26°♑36'59	
desc. node	-4637 Mar 07 j 23:53	26°♑12'32	
direct	-4637 Mar 11 j 00:25	25°♑51'40	
	-4637 Mar 21 j 14:17	0°♒	
morning max el	-4637 Mar 25 j 00:45	2°♒56'43	24°33'30
	-4637 Apr 12 j 21:45	0°♓	
morning set	-4637 Apr 19 j 10:15	13°♓00'11	
asc. node	-4637 Apr 22 j 00:09	18°♓29'08	
superior conj	-4637 Apr 26 j 12:01	28°♓12'43	0°45'04
minimum elong	-4637 Apr 26 j 10:09	28°♓02'38	0°44'40
	-4637 Apr 27 j 07:53	0°♈	
max. Earth dist.	-4637 Apr 27 j 23:54	1°♈26'15	1.33216 AU
evening rise	-4637 May 03 j 20:51	13°♈44'49	
	-4637 May 12 j 09:28	0°♉	
	-4637 Jun 01 j 21:28	0°♊	
desc. node	-4637 Jun 03 j 22:20	2°♊11'13	
evening max el	-4637 Jun 05 j 12:24	3°♊45'52	27°23'41
retrograde	-4637 Jun 19 j 07:56	11°♊10'40	
evening set	-4637 Jun 26 j 10:40	8°♊39'41	
min. Earth dist.	-4637 Jun 30 j 00:51	5°♊39'20	0.62789 AU
inferior conj	-4637 Jul 02 j 21:33	2°♊51'09	-3°-59'-32
minimum elong	-4637 Jul 03 j 00:21	2°♊44'15	3°58'58
	-4637 Jul 05 j 23:44	30°℞♉	
morning rise	-4637 Jul 09 j 16:18	27°♉41'07	
direct	-4637 Jul 12 j 06:03	27°♉10'16	
	-4637 Jul 18 j 06:47	0°♊	
asc. node	-4637 Jul 18 j 23:49	0°♊40'36	
morning max el	-4637 Jul 18 j 21:16	0°♊34'17	17°56'49
morning set	-4637 Aug 04 j 09:15	26°♊15'23	
	-4637 Aug 06 j 11:57	0°♋	
superior conj	-4637 Aug 16 j 00:17	16°♋27'58	1°24'54
minimum elong	-4637 Aug 16 j 05:42	16°♋50'49	1°24'38
max. Earth dist.	-4637 Aug 22 j 16:53	27°♋31'42	1.43235 AU
	-4637 Aug 24 j 05:37	0°♌	
desc. node	-4637 Aug 30 j 21:29	10°♌32'34	
evening rise	-4637 Aug 31 j 08:16	11°♌14'31	
	-4637 Sep 12 j 17:00	0°♍	
greatest brilliancy	-4637 Sep 24 j 21:21	17°♍05'03	-0.5m
evening max el	-4637 Sep 30 j 06:40	23°♍22'40	21°09'48
retrograde	-4637 Oct 08 j 19:22	28°♍25'38	
evening set	-4637 Oct 12 j 19:17	26°♍55'35	
asc. node	-4637 Oct 14 j 22:48	24°♍53'49	
inferior conj	-4637 Oct 18 j 05:17	20°♍42'31	1°06'03
minimum elong	-4637 Oct 18 j 03:48	20°♍47'36	1°05'30
min. Earth dist.	-4637 Oct 18 j 15:17	20°♍08'17	0.67126 AU
morning rise	-4637 Oct 23 j 11:56	14°♍24'41	
direct	-4637 Oct 28 j 15:11	12°♍13'57	
morning max el	-4637 Nov 08 j 07:24	18°♍36'43	23°46'17
	-4637 Nov 17 j 21:07	0°♎	
desc. node	-4637 Nov 26 j 21:34	12°♎37'37	
	-4637 Dec 08 j 03:38	0°♏	
morning set	-4637 Dec 13 j 14:24	9°♏02'28	
max. Earth dist.	-4637 Dec 17 j 16:57	16°♏09'09	1.38840 AU
superior conj	-4637 Dec 25 j 01:52	29°♏36'09	-1°-52'-9
minimum elong	-4637 Dec 25 j 03:01	29°♏41'34	1°52'21
	-4637 Dec 25 j 06:56	0°♐	
evening rise	-4636 Jan 03 j 03:20	17°♐06'03	
	-4636 Jan 09 j 23:40	0°♑	
asc. node	-4636 Jan 10 j 21:39	1°♑35'52	
evening max el	-4636 Jan 19 j 13:13	13°♑31'57	18°46'06
retrograde	-4636 Jan 27 j 14:53	17°♑25'38	
evening set	-4636 Jan 30 j 01:31	17°♑05'37	
inferior conj	-4636 Feb 06 j 19:28	12°♑42'56	3°37'15
minimum elong	-4636 Feb 06 j 23:15	12°♑35'52	3°36'26
min. Earth dist.	-4636 Feb 10 j 02:31	10°♑17'20	0.57908 AU
morning rise	-4636 Feb 14 j 17:21	7°♑32'07	
direct	-4636 Feb 20 j 10:36	6°♑12'15	
desc. node	-4636 Feb 22 j 21:01	6°♑26'42	
morning max el	-4636 Mar 05 j 16:15	13°♑37'46	26°02'43
	-4636 Mar 18 j 14:43	0°♒	
morning set	-4636 Apr 02 j 22:03	28°♒01'56	
	-4636 Apr 03 j 20:28	0°♓	
asc. node	-4636 Apr 07 j 21:08	8°♓40'47	
superior conj	-4636 Apr 09 j 23:08	13°♓13'49	0°21'31
minimum elong	-4636 Apr 09 j 22:12	13°♓08'43	0°21'14
max. Earth dist.	-4636 Apr 10 j 11:43	14°♓22'30	1.32743 AU
evening rise	-4636 Apr 17 j 02:07	28°♓29'32	
	-4636 Apr 17 j 19:41	0°♈	
	-4636 May 04 j 17:35	0°♉	
evening max el	-4636 May 17 j 17:22	16°♉03'11	26°56'27
desc. node	-4636 May 20 j 19:30	18°♉45'36	
retrograde	-4636 May 31 j 17:30	23°♉24'36	
evening set	-4636 Jun 07 j 12:03	21°♉21'51	
min. Earth dist.	-4636 Jun 11 j 06:54	18°♉38'10	0.60852 AU
inferior conj	-4636 Jun 14 j 13:41	15°♉48'57	-4°-14'-26
minimum elong	-4636 Jun 14 j 14:24	15°♉47'25	4°14'16

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning rise	-4636 Jun 21 j 19:48	11°♉00'10	
direct	-4636 Jun 24 j 07:53	10°♉35'03	
morning max el	-4636 Jul 01 j 10:02	14°♉04'06	18°05'49
asc. node	-4636 Jul 04 j 20:52	18°♉03'56	
	-4636 Jul 12 j 07:46	0°♊	
morning set	-4636 Jul 17 j 09:40	9°♊17'52	
superior conj	-4636 Jul 27 j 12:40	27°♊47'50	1°43'34
minimum elong	-4636 Jul 27 j 15:32	28°♊00'32	1°43'38
	-4636 Jul 28 j 18:37	0°♋	
max. Earth dist.	-4636 Aug 04 j 01:24	10°♋47'03	1.41621 AU
evening rise	-4636 Aug 09 j 22:06	20°♋23'51	
	-4636 Aug 16 j 00:35	0°♌	
desc. node	-4636 Aug 16 j 18:26	1°♌08'38	
	-4636 Sep 06 j 02:01	0°♍	
greatest brilliancy	-4636 Sep 07 j 06:48	1°♍28'53	-0.3m
evening max el	-4636 Sep 12 j 00:14	6°♍47'36	22°26'17
retrograde	-4636 Sep 21 j 14:15	12°♍28'53	
evening set	-4636 Sep 26 j 03:15	10°♍39'30	
asc. node	-4636 Sep 30 j 19:57	5°♍15'04	
inferior conj	-4636 Oct 01 j 11:36	4°♍21'08	0°13'21
minimum elong	-4636 Oct 01 j 11:17	4°♍22'13	0°13'21
transit middle	-4636 Oct 01 j 11:17	4°♍22'13	0°13'21
transit begin	-4636 Oct 01 j 09:43	4°♍27'36	
transit end	-4636 Oct 01 j 12:51	4°♍16'49	
min. Earth dist.	-4636 Oct 01 j 11:11	4°♍22'33	0.67381 AU
	-4636 Oct 04 j 20:12	30°℞♌	
morning rise	-4636 Oct 06 j 19:11	28°♌04'48	
direct	-4636 Oct 11 j 07:35	26°♌15'41	
	-4636 Oct 18 j 19:07	0°♍	
morning max el	-4636 Oct 20 j 19:09	1°♍54'26	22°20'29
greatest brilliancy	-4636 Oct 25 j 12:32	7°♍14'58	-0.3m
	-4636 Nov 10 j 21:32	0°♎	
desc. node	-4636 Nov 12 j 18:28	2°♎49'03	
morning set	-4636 Nov 22 j 22:24	18°♎43'15	
max. Earth dist.	-4636 Nov 28 j 15:14	28°♎07'49	1.40895 AU
	-4636 Nov 29 j 17:45	0°♏	
superior conj	-4636 Dec 06 j 09:11	11°♏34'34	-1°-51'-52
minimum elong	-4636 Dec 06 j 07:28	11°♏26'55	1°51'59
	-4636 Dec 16 j 09:23	0°♐	
evening rise	-4636 Dec 16 j 13:46	0°♐20'30	
asc. node	-4636 Dec 27 j 18:44	20°♐00'39	
evening max el	-4635 Jan 01 j 19:31	26°♐18'52	18°17'02
retrograde	-4635 Jan 08 j 23:12	29°♐53'14	
evening set	-4635 Jan 11 j 12:10	29°♐27'13	
inferior conj	-4635 Jan 18 j 15:24	24°♐42'34	4°02'58
minimum elong	-4635 Jan 18 j 16:19	24°♐40'36	4°02'42
min. Earth dist.	-4635 Jan 21 j 22:56	21°♐52'12	0.59860 AU
morning rise	-4635 Jan 25 j 17:29	19°♐10'15	
direct	-4635 Feb 01 j 08:19	17°♐11'48	
desc. node	-4635 Feb 08 j 18:07	19°♐27'25	
morning max el	-4635 Feb 15 j 12:47	24°♐47'43	27°07'59
	-4635 Feb 20 j 08:02	0°♑	
	-4635 Mar 11 j 18:48	0°♒	
morning set	-4635 Mar 18 j 07:38	12°♒56'00	
superior conj	-4635 Mar 25 j 10:52	28°♒15'13	0°-3'-9
minimum elong	-4635 Mar 25 j 11:01	28°♒16'02	0°03'16
behind sun begin	-4635 Mar 25 j 06:06	27°♒49'08	
behind sun end	-4635 Mar 25 j 15:56	28°♒42'56	
max. Earth dist.	-4635 Mar 25 j 01:21	27°♒23'06	1.32598 AU
asc. node	-4635 Mar 25 j 18:09	28°♒55'00	
	-4635 Mar 26 j 06:01	0°♓	
evening rise	-4635 Apr 01 j 11:22	13°♓24'40	
	-4635 Apr 09 j 22:39	0°♈	
evening max el	-4635 Apr 29 j 16:07	27°♈38'26	25°57'50

	-4635 May 02 j 08:06	0°♉	
desc. node	-4635 May 07 j 16:39	3°♉27'08	
retrograde	-4635 May 13 j 18:16	4°♉54'22	
evening set	-4635 May 19 j 16:42	3°♉28'40	
min. Earth dist.	-4635 May 24 j 04:40	0°♉45'02	0.58814 AU
	-4635 May 25 j 05:26	30°℞♈	
inferior conj	-4635 May 27 j 12:56	28°♈15'50	-4°-5'-28
minimum elong	-4635 May 27 j 10:24	28°♈20'35	4°05'10
morning rise	-4635 Jun 04 j 08:00	23°♈49'14	
direct	-4635 Jun 06 j 19:16	23°♈28'48	
morning max el	-4635 Jun 14 j 18:03	27°♈15'07	18°34'36
	-4635 Jun 17 j 07:02	0°♉	
asc. node	-4635 Jun 21 j 17:53	6°♉18'25	
morning set	-4635 Jun 30 j 23:09	23°♉00'52	
	-4635 Jul 04 j 13:56	0°♊	
superior conj	-4635 Jul 09 j 23:56	10°♊17'47	1°49'23
minimum elong	-4635 Jul 10 j 00:07	10°♊18'37	1°49'36
max. Earth dist.	-4635 Jul 17 j 04:51	23°♊19'57	1.39721 AU
	-4635 Jul 21 j 01:53	0°♋	
evening rise	-4635 Jul 21 j 12:07	0°♋43'09	
desc. node	-4635 Aug 03 j 15:26	21°♋35'08	
	-4635 Aug 09 j 09:48	0°♌	
evening max el	-4635 Aug 25 j 13:02	20°♌13'35	23°47'01
retrograde	-4635 Sep 05 j 06:07	26°♌32'55	
evening set	-4635 Sep 10 j 09:41	24°♌23'26	
inferior conj	-4635 Sep 15 j 17:59	18°♌03'02	0°-39'-55
minimum elong	-4635 Sep 15 j 18:54	17°♌59'53	0°39'23
min. Earth dist.	-4635 Sep 15 j 07:15	18°♌39'37	0.67340 AU
asc. node	-4635 Sep 17 j 17:04	15°♌26'38	
morning rise	-4635 Sep 21 j 04:16	11°♌51'18	
direct	-4635 Sep 25 j 03:16	10°♌22'50	
morning max el	-4635 Oct 03 j 12:51	15°♌19'39	21°00'42
greatest brilliancy	-4635 Oct 09 j 05:21	22°♌00'46	-0.5m
	-4635 Oct 15 j 01:40	0°♍	
desc. node	-4635 Oct 30 j 15:20	23°♍14'45	
morning set	-4635 Nov 02 j 05:12	27°♍15'04	
	-4635 Nov 03 j 23:17	0°♎	
max. Earth dist.	-4635 Nov 10 j 20:13	10°♎59'42	1.42713 AU
superior conj	-4635 Nov 17 j 16:41	22°♎22'14	-1°-37'-58
minimum elong	-4635 Nov 17 j 11:26	22°♎00'02	1°37'39
	-4635 Nov 22 j 03:24	0°♏	
evening rise	-4635 Nov 29 j 10:18	12°♏52'46	
	-4635 Dec 09 j 06:41	0°♐	
asc. node	-4635 Dec 14 j 15:49	7°♐38'54	
evening max el	-4635 Dec 16 j 06:24	9°♐24'33	18°07'51
retrograde	-4635 Dec 22 j 22:36	12°♐53'08	
evening set	-4635 Dec 25 j 14:04	12°♐20'12	
inferior conj	-4634 Jan 01 j 05:10	7°♐13'48	4°01'02
minimum elong	-4634 Jan 01 j 03:39	7°♐17'34	4°00'43
min. Earth dist.	-4634 Jan 04 j 03:09	4°♐21'45	0.61822 AU
morning rise	-4634 Jan 07 j 14:59	1°♐25'53	
	-4634 Jan 10 j 01:21	30°℞♏	
direct	-4634 Jan 14 j 15:45	28°♏56'01	
	-4634 Jan 19 j 12:02	0°♐	
desc. node	-4634 Jan 26 j 15:10	4°♐45'11	
morning max el	-4634 Jan 28 j 15:45	6°♐38'08	27°39'33
	-4634 Feb 15 j 10:03	0°♑	
morning set	-4634 Mar 02 j 12:57	27°♑34'55	
	-4634 Mar 03 j 17:11	0°♒	
max. Earth dist.	-4634 Mar 08 j 12:50	10°♒13'15	1.32797 AU
superior conj	-4634 Mar 09 j 21:36	13°♒10'51	0°-28'-1
minimum elong	-4634 Mar 09 j 22:51	13°♒17'37	0°27'57
asc. node	-4634 Mar 12 j 15:05	19°♒07'05	
evening rise	-4634 Mar 16 j 22:38	28°♒22'42	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4634 Mar 17 j 17:13	0°♓	
	-4634 Apr 03 j 22:36	0°♈	
evening max el	-4634 Apr 11 j 09:21	8°♈37'05	24°35'20
desc. node	-4634 Apr 24 j 13:50	15°♈38'35	
retrograde	-4634 Apr 25 j 08:12	15°♈39'57	
evening set	-4634 Apr 30 j 00:36	14°♈50'13	
min. Earth dist.	-4634 May 05 j 21:24	11°♈51'00	0.56969 AU
inferior conj	-4634 May 08 j 16:22	10°♈02'43	-3°-22'-46
minimum elong	-4634 May 08 j 11:00	10°♈11'27	3°21'38
morning rise	-4634 May 17 j 01:35	5°♈55'14	
direct	-4634 May 19 j 12:11	5°♈38'37	
morning max el	-4634 May 28 j 18:27	9°♈57'07	19°23'42
asc. node	-4634 Jun 08 j 14:51	25°♈11'20	
	-4634 Jun 11 j 05:11	0°♉	
morning set	-4634 Jun 14 j 21:58	7°♉13'52	
superior conj	-4634 Jun 23 j 04:11	23°♉40'22	1°45'23
minimum elong	-4634 Jun 23 j 02:31	23°♉32'14	1°45'30
	-4634 Jun 26 j 10:58	0°♊	
max. Earth dist.	-4634 Jun 29 j 06:24	5°♊15'35	1.37794 AU
evening rise	-4634 Jul 03 j 04:11	12°♊19'20	
	-4634 Jul 13 j 17:50	0°♋	
desc. node	-4634 Jul 21 j 12:29	11°♋46'14	
	-4634 Aug 04 j 11:49	0°♌	
evening max el	-4634 Aug 07 j 23:37	3°♌42'04	25°05'12
retrograde	-4634 Aug 19 j 18:04	10°♌33'12	
evening set	-4634 Aug 25 j 12:44	8°♌05'19	
min. Earth dist.	-4634 Aug 30 j 01:07	2°♌57'27	0.66985 AU
inferior conj	-4634 Aug 30 j 22:42	1°♌46'19	-1°-32'-14
minimum elong	-4634 Aug 31 j 00:48	1°♌39'23	1°31'14
	-4634 Sep 01 j 07:28	30°℞♋	
asc. node	-4634 Sep 04 j 14:09	26°♋26'25	
morning rise	-4634 Sep 05 j 13:19	25°♋42'14	
direct	-4634 Sep 09 j 00:58	24°♋31'51	
morning max el	-4634 Sep 16 j 13:43	28°♋53'19	19°52'13
	-4634 Sep 17 j 14:46	0°♌	
greatest brilliancy	-4634 Sep 24 j 09:32	8°♌42'05	-0.6m
	-4634 Oct 08 j 14:31	0°♍	
morning set	-4634 Oct 12 j 04:02	5°♍30'42	
desc. node	-4634 Oct 17 j 12:15	13°♍50'06	
max. Earth dist.	-4634 Oct 24 j 07:45	24°♍35'13	1.44046 AU
	-4634 Oct 27 j 16:52	0°♎	
superior conj	-4634 Oct 28 j 20:39	1°♎52'06	-1°-7'-44
minimum elong	-4634 Oct 28 j 13:57	1°♎25'02	1°07'01
evening rise	-4634 Nov 11 j 12:26	24°♎33'34	
	-4634 Nov 14 j 17:09	0°♏	
evening max el	-4634 Nov 29 j 19:06	22°♏42'25	18°17'49
asc. node	-4634 Dec 01 j 12:54	24°♏17'20	
retrograde	-4634 Dec 06 j 08:34	26°♏16'12	
evening set	-4634 Dec 09 j 03:38	25°♏34'57	
inferior conj	-4634 Dec 15 j 09:00	20°♏08'43	3°39'58
minimum elong	-4634 Dec 15 j 06:07	20°♏16'40	3°39'16
min. Earth dist.	-4634 Dec 17 j 17:08	17°♏33'55	0.63578 AU
morning rise	-4634 Dec 21 j 07:00	14°♏09'25	
direct	-4634 Dec 28 j 07:15	11°♏22'13	
morning max el	-4633 Jan 10 j 23:19	19°♏05'28	27°34'58
desc. node	-4633 Jan 13 j 12:11	21°♏43'57	
	-4633 Jan 20 j 07:32	0°♐	
	-4633 Feb 08 j 06:52	0°♑	
morning set	-4633 Feb 14 j 11:35	11°♑50'06	
max. Earth dist.	-4633 Feb 19 j 18:12	22°♑39'14	1.33373 AU
superior conj	-4633 Feb 22 j 05:37	27°♑54'42	0°-52'-14
minimum elong	-4633 Feb 22 j 07:50	28°♑06'36	0°52'03
	-4633 Feb 23 j 05:00	0°♒	
asc. node	-4633 Feb 27 j 12:05	9°♒13'24	

evening rise	-4633 Mar 01 j 10:09	13°♒17'16	
	-4633 Mar 09 j 23:38	0°♓	
evening max el	-4633 Mar 24 j 01:46	19°♓21'21	23°01'50
retrograde	-4633 Apr 06 j 09:31	25°♓54'23	
evening set	-4633 Apr 09 j 19:21	25°♓28'57	
desc. node	-4633 Apr 11 j 11:00	24°♓59'28	
min. Earth dist.	-4633 Apr 17 j 12:17	22°♓02'25	0.55669 AU
inferior conj	-4633 Apr 19 j 00:46	21°♓09'14	-2°00'-39
minimum elong	-4633 Apr 18 j 19:50	21°♓16'27	1°59'12
morning rise	-4633 Apr 27 j 23:10	17°♓11'21	
direct	-4633 Apr 30 j 11:13	16°♓56'20	
morning max el	-4633 May 11 j 08:51	22°♓01'33	20°32'42
	-4633 May 18 j 00:39	0°♈	
asc. node	-4633 May 26 j 11:51	14°♈33'30	
morning set	-4633 May 30 j 03:15	21°♈49'25	
	-4633 Jun 03 j 02:36	0°♉	
superior conj	-4633 Jun 06 j 20:34	7°♉41'35	1°34'11
minimum elong	-4633 Jun 06 j 18:00	7°♉28'33	1°34'04
max. Earth dist.	-4633 Jun 11 j 12:46	17°♉00'25	1.36074 AU
evening rise	-4633 Jun 15 j 18:00	25°♉01'49	
	-4633 Jun 18 j 11:21	0°♊	
	-4633 Jul 07 j 06:15	0°♋	
desc. node	-4633 Jul 08 j 09:33	1°♋34'46	
evening max el	-4633 Jul 21 j 10:24	17°♋12'31	26°12'48
retrograde	-4633 Aug 03 j 01:23	24°♋24'23	
evening set	-4633 Aug 09 j 10:21	21°♋42'50	
min. Earth dist.	-4633 Aug 13 j 14:22	17°♋13'17	0.66291 AU
inferior conj	-4633 Aug 14 j 23:56	15°♋28'39	-2°-21'-49
minimum elong	-4633 Aug 15 j 03:00	15°♋19'03	2°20'33
morning rise	-4633 Aug 20 j 20:27	9°♋35'29	
asc. node	-4633 Aug 22 j 11:15	8°♋52'41	
direct	-4633 Aug 23 j 23:08	8°♋39'52	
morning max el	-4633 Aug 30 j 21:09	12°♋34'07	18°58'13
	-4633 Sep 12 j 12:09	0°♌	
morning set	-4633 Sep 21 j 17:42	14°♌33'49	
	-4633 Oct 01 j 12:16	0°♍	
desc. node	-4633 Oct 04 j 09:09	4°♍31'18	
max. Earth dist.	-4633 Oct 07 j 00:06	8°♍39'24	1.44735 AU
superior conj	-4633 Oct 08 j 01:47	10°♍20'46	0°-23'-9
minimum elong	-4633 Oct 07 j 22:48	10°♍08'57	0°22'41
	-4633 Oct 20 j 09:57	0°♎	
evening rise	-4633 Oct 23 j 15:30	5°♎13'13	
	-4633 Nov 08 j 08:48	0°♏	
evening max el	-4633 Nov 13 j 06:57	6°♏06'39	18°45'47
asc. node	-4633 Nov 18 j 10:02	9°♏40'13	
retrograde	-4633 Nov 20 j 01:10	9°♏54'57	
evening set	-4633 Nov 23 j 01:35	9°♏03'18	
inferior conj	-4633 Nov 28 j 23:15	3°♏19'47	3°05'59
minimum elong	-4633 Nov 28 j 20:01	3°♏29'34	3°05'01
min. Earth dist.	-4633 Nov 30 j 16:51	1°♏14'12	0.65021 AU
	-4633 Dec 01 j 18:24	30°℞♎	
morning rise	-4633 Dec 04 j 13:21	27°♎12'01	
direct	-4633 Dec 11 j 05:25	24°♎22'36	
	-4633 Dec 22 j 06:44	0°♏	
morning max el	-4633 Dec 24 j 08:46	1°♏58'18	26°57'37
desc. node	-4633 Dec 31 j 09:11	9°♏53'43	
	-4632 Jan 14 j 11:27	0°♐	
morning set	-4632 Jan 29 j 00:14	25°♐29'43	
	-4632 Jan 31 j 07:41	0°♑	
max. Earth dist.	-4632 Feb 02 j 13:45	4°♑30'18	1.34377 AU
superior conj	-4632 Feb 06 j 08:49	12°♑18'48	-1°-14'-39
minimum elong	-4632 Feb 06 j 11:42	12°♑33'55	1°14'28
evening rise	-4632 Feb 13 j 20:06	28°♑01'03	
asc. node	-4632 Feb 14 j 09:07	29°♑08'27	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4632 Feb 14 j 19:07	0°♒	
	-4632 Mar 04 j 16:28	0°♓	
evening max el	-4632 Mar 04 j 23:24	0°♓16'39	21°30'50
retrograde	-4632 Mar 17 j 00:25	6°♓03'05	
evening set	-4632 Mar 19 j 14:52	5°♓47'47	
desc. node	-4632 Mar 28 j 08:10	2°♓05'43	
inferior conj	-4632 Mar 28 j 21:19	1°♓47'13	0°-9'-4
minimum elong	-4632 Mar 28 j 20:53	1°♓47'49	0°09'03
transit middle	-4632 Mar 28 j 20:53	1°♓47'49	0°09'03
transit begin	-4632 Mar 28 j 17:31	1°♓52'34	
transit end	-4632 Mar 29 j 00:15	1°♓43'05	
min. Earth dist.	-4632 Mar 29 j 02:28	1°♓39'57	0.55192 AU
	-4632 Apr 01 j 03:39	30°℞♒	
morning rise	-4632 Apr 07 j 02:55	27°♒43'35	
direct	-4632 Apr 10 j 00:18	27°♒25'09	
	-4632 Apr 18 j 04:38	0°♓	
morning max el	-4632 Apr 22 j 12:14	3°♓23'32	21°59'20
	-4632 May 10 j 05:46	0°♈	
asc. node	-4632 May 12 j 08:50	4°♈16'57	
morning set	-4632 May 13 j 12:45	6°♈40'39	
superior conj	-4632 May 20 j 21:25	22°♈10'13	1°17'49
minimum elong	-4632 May 20 j 18:43	21°♈56'05	1°17'31
max. Earth dist.	-4632 May 24 j 04:49	29°♈01'25	1.34679 AU
	-4632 May 24 j 16:19	0°♉	
evening rise	-4632 May 29 j 00:08	8°♉35'01	
	-4632 Jun 10 j 00:17	0°♊	
desc. node	-4632 Jun 24 j 06:39	20°♊51'05	
	-4632 Jul 02 j 06:25	0°♋	
evening max el	-4632 Jul 02 j 21:54	0°♋38'02	27°01'37
retrograde	-4632 Jul 16 j 03:25	7°♋59'47	
evening set	-4632 Jul 23 j 00:04	5°♋12'43	
min. Earth dist.	-4632 Jul 26 j 20:40	1°♋21'49	0.65229 AU
	-4632 Jul 28 j 01:08	30°℞♊	
inferior conj	-4632 Jul 28 j 19:34	29°♊06'29	-3°-6'-32
minimum elong	-4632 Jul 28 j 23:11	28°♊56'03	3°05'18
morning rise	-4632 Aug 03 j 23:31	23°♊27'39	
direct	-4632 Aug 06 j 19:34	22°♊43'40	
asc. node	-4632 Aug 08 j 08:21	22°♊56'24	
morning max el	-4632 Aug 13 j 09:22	26°♊19'04	18°20'33
	-4632 Aug 16 j 12:59	0°♋	
morning set	-4632 Sep 01 j 09:53	24°♋54'40	
	-4632 Sep 04 j 12:13	0°♌	
superior conj	-4632 Sep 16 j 02:20	18°♌40'53	0°26'03
minimum elong	-4632 Sep 16 j 05:34	18°♌53'43	0°25'48
max. Earth dist.	-4632 Sep 18 j 18:25	22°♌54'41	1.44699 AU
desc. node	-4632 Sep 20 j 06:04	25°♌15'23	
	-4632 Sep 23 j 06:26	0°♍	
evening rise	-4632 Oct 02 j 17:34	14°♍49'07	
	-4632 Oct 12 j 11:42	0°♎	
greatest brilliancy	-4632 Oct 17 j 16:08	7°♎50'27	-0.7m
evening max el	-4632 Oct 26 j 15:33	19°♎33'40	19°30'23
retrograde	-4632 Nov 02 j 21:21	23°♎45'05	
asc. node	-4632 Nov 04 j 07:11	23°♎33'34	
evening set	-4632 Nov 06 j 05:11	22°♎40'31	
inferior conj	-4632 Nov 11 j 20:59	16°♎42'42	2°23'29
minimum elong	-4632 Nov 11 j 18:06	16°♎52'01	2°22'28
min. Earth dist.	-4632 Nov 13 j 01:05	15°♎11'56	0.66108 AU
morning rise	-4632 Nov 17 j 06:17	10°♎28'55	
direct	-4632 Nov 23 j 09:24	7°♎49'22	
morning max el	-4632 Dec 05 j 18:10	15°♎06'01	25°54'43
desc. node	-4632 Dec 17 j 06:10	28°♎53'54	
	-4632 Dec 18 j 01:32	0°♏	
	-4631 Jan 06 j 06:49	0°♐	
morning set	-4631 Jan 10 j 22:36	8°♐21'16	
max. Earth dist.	-4631 Jan 14 j 21:48	15°♐49'30	1.35833 AU
superior conj	-4631 Jan 20 j 04:43	26°♐15'48	-1°-33'-47
minimum elong	-4631 Jan 20 j 07:43	26°♐30'57	1°33'43
	-4631 Jan 22 j 00:52	0°♑	
evening rise	-4631 Jan 28 j 02:40	12°♑28'29	
asc. node	-4631 Jan 31 j 06:09	18°♑47'12	
	-4631 Feb 06 j 09:30	0°♒	
evening max el	-4631 Feb 15 j 06:23	11°♒41'26	20°12'20
retrograde	-4631 Feb 25 j 15:36	16°♒36'44	
evening set	-4631 Feb 27 j 23:56	16°♒22'44	
inferior conj	-4631 Mar 08 j 19:23	12°♒23'29	1°42'53
minimum elong	-4631 Mar 08 j 23:32	12°♒17'16	1°41'24
min. Earth dist.	-4631 Mar 10 j 16:27	11°♒16'10	0.55642 AU
desc. node	-4631 Mar 15 j 05:20	8°♒53'33	
morning rise	-4631 Mar 17 j 20:36	7°♒57'42	
direct	-4631 Mar 21 j 15:21	7°♒26'23	
morning max el	-4631 Apr 04 j 06:40	14°♒10'53	23°37'03
	-4631 Apr 16 j 11:53	0°♓	
morning set	-4631 Apr 28 j 00:30	21°♓41'02	
asc. node	-4631 Apr 29 j 05:49	24°♓15'24	
	-4631 May 01 j 22:19	0°♈	
superior conj	-4631 May 05 j 03:55	6°♈57'15	0°57'48
minimum elong	-4631 May 05 j 01:38	6°♈45'01	0°57'24
max. Earth dist.	-4631 May 07 j 06:40	11°♈27'47	1.33646 AU
evening rise	-4631 May 12 j 17:55	22°♈44'35	
	-4631 May 16 j 11:19	0°♉	
	-4631 Jun 03 j 18:10	0°♊	
desc. node	-4631 Jun 11 j 03:48	9°♊21'10	
evening max el	-4631 Jun 15 j 08:34	13°♊46'08	27°24'25
retrograde	-4631 Jun 28 j 23:42	21°♊10'48	
evening set	-4631 Jul 06 j 02:43	18°♊29'45	
min. Earth dist.	-4631 Jul 09 j 17:55	15°♊13'48	0.63786 AU
inferior conj	-4631 Jul 12 j 07:01	12°♊34'13	-3°-43'-27
minimum elong	-4631 Jul 12 j 10:25	12°♊25'16	3°42'35
morning rise	-4631 Jul 18 j 19:56	7°♊13'02	
direct	-4631 Jul 21 j 11:31	6°♊37'58	
asc. node	-4631 Jul 26 j 05:26	8°♊29'28	
morning max el	-4631 Jul 27 j 23:58	10°♊03'10	18°00'16
	-4631 Aug 10 j 09:46	0°♋	
morning set	-4631 Aug 14 j 03:51	6°♋28'43	
superior conj	-4631 Aug 26 j 20:03	27°♋53'32	1°07'28
minimum elong	-4631 Aug 27 j 01:59	28°♋17'49	1°07'01
	-4631 Aug 28 j 02:58	0°♌	
max. Earth dist.	-4631 Sep 01 j 10:55	6°♌59'51	1.43950 AU
desc. node	-4631 Sep 07 j 03:01	15°♌58'44	
evening rise	-4631 Sep 12 j 00:37	23°♌36'22	
	-4631 Sep 16 j 04:26	0°♍	
greatest brilliancy	-4631 Oct 03 j 11:32	25°♍22'44	-0.5m
	-4631 Oct 07 j 02:29	0°♎	
evening max el	-4631 Oct 09 j 18:47	2°♎59'47	20°29'51
retrograde	-4631 Oct 17 j 18:35	7°♎42'18	
evening set	-4631 Oct 21 j 12:01	6°♎22'09	
asc. node	-4631 Oct 22 j 04:20	5°♎50'11	
inferior conj	-4631 Oct 26 j 23:39	0°♎13'26	1°35'23
minimum elong	-4631 Oct 26 j 21:35	0°♎20'27	1°34'36
	-4631 Oct 27 j 03:38	30°℞♍	
min. Earth dist.	-4631 Oct 27 j 15:50	29°♍18'50	0.66847 AU
morning rise	-4631 Nov 01 j 06:39	23°♍56'13	
direct	-4631 Nov 06 j 18:37	21°♍34'02	
morning max el	-4631 Nov 18 j 03:00	28°♍19'34	24°35'27
	-4631 Nov 19 j 17:30	0°♎	
desc. node	-4631 Dec 04 j 03:07	18°♎29'21	
	-4631 Dec 11 j 19:55	0°♏	
morning set	-4631 Dec 24 j 01:09	20°♏09'34	
max. Earth dist.	-4631 Dec 27 j 20:39	26°♏58'04	1.37672 AU
	-4631 Dec 29 j 12:19	0°♐	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4630 Jan 03 j 14:01	9♐36'23	-1°-47'-37	
minimum elong	-4630 Jan 03 j 16:12	9♐46'57	1°47'45	
evening rise	-4630 Jan 12 j 03:38	26♐33'19		
	-4630 Jan 13 j 21:30	0♑		
asc. node	-4630 Jan 18 j 03:13	8♑03'43		
evening max el	-4630 Jan 28 j 23:48	23♑42'04	19°11'52	
retrograde	-4630 Feb 06 j 19:27	27♑54'33		
evening set	-4630 Feb 09 j 04:30	27♑37'32		
inferior conj	-4630 Feb 17 j 07:48	23♑25'36	3°06'31	
minimum elong	-4630 Feb 17 j 12:42	23♑17'12	3°05'12	
min. Earth dist.	-4630 Feb 20 j 07:24	21♑24'15	0.56905 AU	
morning rise	-4630 Feb 25 j 17:12	18♑29'57		
desc. node	-4630 Mar 02 j 02:28	17♑32'28		
direct	-4630 Mar 02 j 17:31	17♑31'32		
morning max el	-4630 Mar 16 j 21:41	24♑46'58	25°13'44	
	-4630 Mar 21 j 16:58	0♒		
	-4630 Apr 09 j 05:54	0♓		
morning set	-4630 Apr 12 j 12:48	6♓44'35		
asc. node	-4630 Apr 16 j 02:48	14♓23'48		
superior conj	-4630 Apr 19 j 13:55	21♓55'35	0°35'16	
minimum elong	-4630 Apr 19 j 12:25	21♓47'27	0°34'54	
max. Earth dist.	-4630 Apr 20 j 15:47	24♓16'03	1.32967 AU	
	-4630 Apr 23 j 07:46	0♈		
evening rise	-4630 Apr 26 j 19:49	7♈19'26		
	-4630 May 08 j 23:30	0♉		
evening max el	-4630 May 28 j 16:07	26♉24'41	27°16'06	
desc. node	-4630 May 29 j 00:56	26♉45'37		
	-4630 Jun 01 j 21:32	0♊		
retrograde	-4630 Jun 11 j 13:44	3♊48'42		
evening set	-4630 Jun 18 j 14:34	1♊27'46		
	-4630 Jun 20 j 14:17	30℞♉		
min. Earth dist.	-4630 Jun 22 j 05:20	28♉36'48	0.61994 AU	
inferior conj	-4630 Jun 25 j 07:12	25♉45'30	-4°-8'-12	
minimum elong	-4630 Jun 25 j 09:18	25♉40'38	4°07'50	
morning rise	-4630 Jul 02 j 06:39	20♉44'38		
direct	-4630 Jul 04 j 19:31	20♉16'26		
morning max el	-4630 Jul 11 j 14:18	23♉41'01	17°58'19	
asc. node	-4630 Jul 13 j 02:30	25♉17'24		
	-4630 Jul 16 j 15:45	0♊		
morning set	-4630 Jul 27 j 18:42	19♊02'55		
	-4630 Aug 02 j 20:57	0♋		
superior conj	-4630 Aug 07 j 17:10	8♋28'06	1°34'33	
minimum elong	-4630 Aug 07 j 21:38	8♋47'21	1°34'27	
max. Earth dist.	-4630 Aug 14 j 22:30	20♋36'29	1.42600 AU	
	-4630 Aug 20 j 18:17	0♌		
evening rise	-4630 Aug 22 j 06:07	2♌21'27		
desc. node	-4630 Aug 24 j 23:58	6♌38'28		
	-4630 Sep 09 j 16:55	0♍		
greatest brilliancy	-4630 Sep 17 j 16:48	10♍44'05	-0.4m	
evening max el	-4630 Sep 22 j 15:41	16♍24'30	21°41'20	
retrograde	-4630 Oct 01 j 14:54	21♍44'00		
evening set	-4630 Oct 05 j 20:06	20♍05'53		
asc. node	-4630 Oct 09 j 01:29	16♍43'08		
inferior conj	-4630 Oct 11 j 05:11	13♍49'50	0°43'52	
minimum elong	-4630 Oct 11 j 04:11	13♍53'18	0°43'32	
min. Earth dist.	-4630 Oct 11 j 10:39	13♍30'59	0.67271 AU	
morning rise	-4630 Oct 16 j 12:00	7♍32'06		
direct	-4630 Oct 21 j 08:41	5♍30'43		
morning max el	-4630 Oct 31 j 12:53	11♍35'31	23°09'23	
greatest brilliancy	-4630 Nov 05 j 15:54	17♍22'08	-0.3m	
	-4630 Nov 15 j 03:47	0♎		
desc. node	-4630 Nov 21 j 00:01	8♎29'44		
	-4630 Dec 04 j 16:22	0♏		
morning set	-4630 Dec 05 j 01:49	0♏39'09		
max. Earth dist.	-4630 Dec 09 j 16:37	8♏28'33	1.39720 AU	
superior conj	-4630 Dec 17 j 08:21	22♏08'34	-1°-53'-28	
minimum elong	-4630 Dec 17 j 08:26	22♏09'00	1°53'40	
	-4630 Dec 21 j 13:10	0♐		
evening rise	-4630 Dec 26 j 20:19	10♐08'13		
asc. node	-4629 Jan 05 j 00:17	26♐50'05		
	-4629 Jan 07 j 01:05	0♑		
evening max el	-4629 Jan 12 j 02:10	6♑14'29	18°31'18	
retrograde	-4629 Jan 19 j 17:20	9♑58'19		
evening set	-4629 Jan 22 j 04:49	9♑36'02		
inferior conj	-4629 Jan 29 j 16:13	5♑04'25	3°52'10	
minimum elong	-4629 Jan 29 j 18:50	4♑59'15	3°51'39	
min. Earth dist.	-4629 Feb 02 j 01:13	2♑25'05	0.58710 AU	
	-4629 Feb 05 j 16:46	30℞♐		
morning rise	-4629 Feb 06 j 05:21	29♐43'15		
direct	-4629 Feb 12 j 09:02	28♐06'35		
desc. node	-4629 Feb 16 j 23:35	28♐59'00		
	-4629 Feb 19 j 05:26	0♑		
morning max el	-4629 Feb 26 j 15:04	5♑38'23	26°34'14	
	-4629 Mar 16 j 14:10	0♒		
morning set	-4629 Mar 27 j 23:51	21♒43'42		
	-4629 Mar 31 j 20:56	0♓		
asc. node	-4629 Apr 02 j 23:45	4♓36'48		
superior conj	-4629 Apr 04 j 01:29	6♓57'30	0°11'09	
minimum elong	-4629 Apr 04 j 01:00	6♓54'50	0°10'56	
behind sun begin	-4629 Apr 03 j 21:22	6♓35'01		
behind sun end	-4629 Apr 04 j 04:37	7♓14'39		
max. Earth dist.	-4629 Apr 04 j 04:38	7♓14'43	1.32632 AU	
evening rise	-4629 Apr 11 j 03:00	22♓09'08		
	-4629 Apr 14 j 23:57	0♈		
	-4629 May 03 j 08:05	0♉		
evening max el	-4629 May 10 j 18:21	8♉23'26	26°35'05	
desc. node	-4629 May 15 j 22:06	12♉36'05		
retrograde	-4629 May 24 j 20:09	15♉43'53		
evening set	-4629 May 31 j 07:26	13♉56'11		
min. Earth dist.	-4629 Jun 04 j 07:40	11♉14'29	0.59977 AU	
inferior conj	-4629 Jun 07 j 16:32	8♉30'49	-4°-14'-9	
minimum elong	-4629 Jun 07 j 15:58	8♉31'59	4°14'02	
morning rise	-4629 Jun 15 j 04:00	3♉51'41		
direct	-4629 Jun 17 j 15:30	3♉28'49		
morning max el	-4629 Jun 25 j 01:24	7♉03'51	18°15'37	
asc. node	-4629 Jun 29 j 23:30	13♉03'50		
	-4629 Jul 09 j 18:43	0♊		
morning set	-4629 Jul 11 j 01:11	2♊23'29		
superior conj	-4629 Jul 20 j 16:00	20♊19'36	1°47'24	
minimum elong	-4629 Jul 20 j 17:39	20♊27'06	1°47'35	
	-4629 Jul 26 j 02:50	0♋		
max. Earth dist.	-4629 Jul 28 j 04:01	3♋31'26	1.40830 AU	
evening rise	-4629 Aug 02 j 05:17	11♋57'37		
desc. node	-4629 Aug 11 j 20:56	27♋10'57		
	-4629 Aug 13 j 17:42	0♌		
greatest brilliancy	-4629 Aug 31 j 02:57	24♌02'17	-0.3m	
	-4629 Sep 05 j 11:05	0♍		
evening max el	-4629 Sep 05 j 06:55	29♌49'36	23°00'30	
retrograde	-4629 Sep 15 j 08:43	5♍47'57		
evening set	-4629 Sep 20 j 03:39	3♍50'12		
	-4629 Sep 23 j 15:38	30℞♌		
inferior conj	-4629 Sep 25 j 11:46	27♌30'29	0°-9'-14	
minimum elong	-4629 Sep 25 j 11:59	27♌29'46	0°09'01	
transit middle	-4629 Sep 25 j 11:59	27♌29'46	0°09'01	
transit begin	-4629 Sep 25 j 09:44	27♌37'32		
transit end	-4629 Sep 25 j 14:14	27♌22'00		
min. Earth dist.	-4629 Sep 25 j 07:04	27♌46'43	0.67398 AU	
asc. node	-4629 Sep 25 j 22:36	26♌53'12		
morning rise	-4629 Sep 30 j 20:17	21♌15'26		
direct	-4629 Oct 05 j 02:44	19♌35'14		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4629 Oct 14 j 02:50	24°♌56'01	21°45'21	
	-4629 Oct 18 j 13:57	0°♍		
greatest brilliancy	-4629 Oct 19 j 02:42	0°♍39'28	-0.4m	
desc. node	-4629 Nov 07 j 20:54	28°♍47'55		
	-4629 Nov 08 j 15:43	0°♎		
morning set	-4629 Nov 14 j 22:00	9°♎46'59		
max. Earth dist.	-4629 Nov 21 j 16:56	20°♎47'57	1.41710 AU	
	-4629 Nov 27 j 03:43	0°♏		
superior conj	-4629 Nov 29 j 06:17	3°♏39'01	-1°-47'-51	
minimum elong	-4629 Nov 29 j 03:03	3°♏24'55	1°47'49	
evening rise	-4629 Dec 10 j 01:22	23°♏05'52		
	-4629 Dec 13 j 19:54	0°♐		
asc. node	-4629 Dec 22 j 21:22	14°♐56'51		
evening max el	-4629 Dec 26 j 10:53	19°♐11'02	18°10'48	
retrograde	-4628 Jan 02 j 08:25	22°♐41'08		
evening set	-4628 Jan 04 j 22:25	22°♐12'17		
inferior conj	-4628 Jan 11 j 20:13	17°♐18'34	4°04'58	
minimum elong	-4628 Jan 11 j 19:58	17°♐19'07	4°04'44	
min. Earth dist.	-4628 Jan 15 j 00:43	14°♐24'35	0.60711 AU	
morning rise	-4628 Jan 18 j 14:51	11°♐39'10		
direct	-4628 Jan 25 j 11:33	9°♐25'31		
desc. node	-4628 Feb 03 j 20:39	13°♐02'33		
morning max el	-4628 Feb 08 j 14:12	17°♐04'42	27°25'43	
	-4628 Feb 19 j 08:15	0°♑		
	-4628 Mar 08 j 02:12	0°♒		
morning set	-4628 Mar 11 j 07:51	6°♒31'55		
max. Earth dist.	-4628 Mar 17 j 17:39	20°♒11'35	1.32640 AU	
superior conj	-4628 Mar 18 j 13:00	21°♒57'08	0°-13'-43	
minimum elong	-4628 Mar 18 j 13:37	22°♒00'30	0°13'45	
behind sun begin	-4628 Mar 18 j 11:07	21°♒46'54		
behind sun end	-4628 Mar 18 j 16:06	22°♒14'07		
asc. node	-4628 Mar 19 j 20:43	24°♒50'26		
	-4628 Mar 22 j 05:35	0°♓		
evening rise	-4628 Mar 25 j 13:20	7°♓06'14		
	-4628 Apr 06 j 15:56	0°♈		
evening max el	-4628 Apr 21 j 14:35	19°♈41'39	25°25'02	
desc. node	-4628 May 01 j 19:17	26°♈17'33		
retrograde	-4628 May 05 j 16:33	26°♈53'06		
evening set	-4628 May 11 j 02:48	25°♈43'55		
min. Earth dist.	-4628 May 16 j 03:07	22°♈54'59	0.57984 AU	
inferior conj	-4628 May 19 j 07:33	20°♈41'10	-3°-52'-3	
minimum elong	-4628 May 19 j 03:37	20°♈48'08	3°51'27	
morning rise	-4628 May 27 j 08:30	16°♈22'59		
direct	-4628 May 29 j 19:23	16°♈04'19		
morning max el	-4628 Jun 07 j 06:25	20°♈02'53	18°52'58	
	-4628 Jun 14 j 21:24	0°♉		
asc. node	-4628 Jun 15 j 20:29	1°♉35'33		
morning set	-4628 Jun 23 j 19:00	16°♉19'48		
	-4628 Jun 30 j 18:49	0°♊		
superior conj	-4628 Jul 02 j 11:03	3°♊12'54	1°48'43	
minimum elong	-4628 Jul 02 j 10:20	3°♊09'27	1°48'55	
max. Earth dist.	-4628 Jul 09 j 05:55	15°♊45'44	1.38891 AU	
evening rise	-4628 Jul 13 j 06:38	22°♊49'56		
	-4628 Jul 17 j 12:49	0°♋		
desc. node	-4628 Jul 28 j 17:58	17°♋31'26		
	-4628 Aug 06 j 14:26	0°♌		
evening max el	-4628 Aug 17 j 18:38	13°♌17'04	24°21'11	
retrograde	-4628 Aug 28 j 22:54	19°♌50'34		
evening set	-4628 Sep 03 j 08:51	17°♌33'11		
min. Earth dist.	-4628 Sep 08 j 02:30	12°♌04'14	0.67228 AU	
inferior conj	-4628 Sep 08 j 17:40	11°♌13'11	-1°-2'-20	
minimum elong	-4628 Sep 08 j 19:06	11°♌08'20	1°01'34	
asc. node	-4628 Sep 11 j 19:43	7°♌18'46		
morning rise	-4628 Sep 14 j 05:35	5°♌04'11		
direct	-4628 Sep 17 j 23:35	3°♌43'34		
morning max el	-4628 Sep 25 j 23:24	8°♌24'09	20°29'57	
greatest brilliancy	-4628 Oct 02 j 10:00	16°♌09'55	-0.5m	
	-4628 Oct 12 j 02:01	0°♍		
morning set	-4628 Oct 23 j 22:32	18°♍03'18		
desc. node	-4628 Oct 24 j 17:46	19°♍18'03		
	-4628 Oct 31 j 12:55	0°♎		
max. Earth dist.	-4628 Nov 03 j 01:05	4°♎00'57	1.43357 AU	
superior conj	-4628 Nov 09 j 02:18	13°♎54'01	-1°-27'-12	
minimum elong	-4628 Nov 08 j 19:57	13°♎27'44	1°26'40	
	-4628 Nov 18 j 13:52	0°♏		
evening rise	-4628 Nov 21 j 14:39	5°♏17'13		
	-4628 Dec 06 j 20:21	0°♐		
asc. node	-4628 Dec 08 j 18:29	2°♐11'27		
evening max el	-4628 Dec 08 j 22:57	2°♐22'50	18°09'48	
retrograde	-4628 Dec 15 j 12:47	5°♐52'02		
evening set	-4628 Dec 18 j 05:45	5°♐15'35		
inferior conj	-4628 Dec 24 j 16:25	0°♐00'22	3°53'57	
minimum elong	-4628 Dec 24 j 14:11	0°♐06'11	3°53'30	
	-4628 Dec 24 j 16:34	30°℞♏		
min. Earth dist.	-4628 Dec 27 j 08:44	27°♏14'00	0.62613 AU	
morning rise	-4628 Dec 30 j 20:44	24°♏07'29		
direct	-4627 Jan 06 j 22:32	21°♏28'31		
desc. node	-4627 Jan 20 j 17:40	29°♏06'59		
morning max el	-4627 Jan 20 j 19:16	29°♏10'52	27°41'52	
	-4627 Jan 21 j 14:54	0°♐		
	-4627 Feb 12 j 04:23	0°♑		
morning set	-4627 Feb 23 j 10:39	21°♑01'19		
	-4627 Feb 27 j 18:36	0°♒		
max. Earth dist.	-4627 Mar 01 j 03:04	2°♒52'58	1.32999 AU	
superior conj	-4627 Mar 02 j 22:47	6°♒48'11	0°-38'-26	
minimum elong	-4627 Mar 03 j 00:29	6°♒57'18	0°38'18	
asc. node	-4627 Mar 06 j 17:43	15°♒00'31		
evening rise	-4627 Mar 10 j 00:56	22°♒03'29		
	-4627 Mar 13 j 22:02	0°♓		
	-4627 Apr 02 j 18:05	0°♈		
evening max el	-4627 Apr 03 j 06:55	0°♈31'11	23°56'03	
retrograde	-4627 Apr 17 j 00:43	7°♈22'53		
desc. node	-4627 Apr 18 j 16:27	7°♈16'42		
evening set	-4627 Apr 21 j 03:39	6°♈45'17		
min. Earth dist.	-4627 Apr 27 j 18:34	3°♈36'05	0.56333 AU	
inferior conj	-4627 Apr 30 j 02:30	2°♈10'17	-2°-52'-40	
minimum elong	-4627 Apr 29 j 20:45	2°♈19'09	2°51'13	
	-4627 May 03 j 20:10	30°℞♓		
morning rise	-4627 May 08 j 17:37	28°♓08'23		
direct	-4627 May 11 j 04:38	27°♓52'39		
	-4627 May 17 j 22:32	0°♈		
morning max el	-4627 May 21 j 02:42	2°♈29'15	19°50'44	
asc. node	-4627 Jun 02 j 17:29	20°♈42'02		
morning set	-4627 Jun 07 j 20:55	0°♉43'36		
	-4627 Jun 07 j 12:14	0°♉		
superior conj	-4627 Jun 15 j 21:00	16°♉53'28	1°41'24	
minimum elong	-4627 Jun 15 j 18:51	16°♉42'46	1°41'24	
max. Earth dist.	-4627 Jun 21 j 09:18	27°♉35'32	1.37027 AU	
	-4627 Jun 22 j 16:06	0°♊		
evening rise	-4627 Jun 25 j 08:39	4°♊56'06		
	-4627 Jul 10 j 11:20	0°♋		
desc. node	-4627 Jul 15 j 15:03	7°♋34'10		
evening max el	-4627 Jul 31 j 05:14	26°♋47'23	25°35'46	
	-4627 Aug 03 j 19:34	0°♌		
retrograde	-4627 Aug 12 j 08:47	3°♌48'02		
evening set	-4627 Aug 18 j 09:52	1°♌13'29		
	-4627 Aug 19 j 16:44	30°℞♋		
min. Earth dist.	-4627 Aug 22 j 18:37	26°♋21'58	0.66736 AU	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4627 Aug 23 j 21:08	24°♋56'26	-1°-53'-43
minimum elong	-4627 Aug 23 j 23:42	24°♋48'12	1°52'33
morning rise	-4627 Aug 29 j 14:05	18°♋56'46	
asc. node	-4627 Aug 29 j 16:49	18°♋52'28	
direct	-4627 Sep 01 j 21:43	17°♋52'58	
morning max el	-4627 Sep 09 j 03:15	22°♋01'23	19°27'26
	-4627 Sep 15 j 13:41	0°♌	
greatest brilliancy	-4627 Sep 18 j 13:20	4°♌17'19	-0.7m
morning set	-4627 Oct 03 j 01:24	26°♌33'26	
	-4627 Oct 05 j 06:20	0°♍	
desc. node	-4627 Oct 11 j 14:42	9°♍56'27	
max. Earth dist.	-4627 Oct 16 j 15:40	17°♍53'24	1.44431 AU
superior conj	-4627 Oct 19 j 19:12	22°♍53'38	0°-50'-11
minimum elong	-4627 Oct 19 j 13:25	22°♍30'31	0°49'28
	-4627 Oct 24 j 05:25	0°♎	
evening rise	-4627 Nov 03 j 07:33	16°♎33'31	
	-4627 Nov 11 j 09:55	0°♏	
evening max el	-4627 Nov 22 j 11:35	15°♏43'49	18°27'28
asc. node	-4627 Nov 25 j 15:36	18°♏19'46	
retrograde	-4627 Nov 29 j 02:09	19°♏22'45	
evening set	-4627 Dec 01 j 23:18	18°♏37'14	
inferior conj	-4627 Dec 08 j 01:07	13°♏02'57	3°26'47
minimum elong	-4627 Dec 07 j 21:59	13°♏11'58	3°25'58
min. Earth dist.	-4627 Dec 10 j 02:51	10°♏39'51	0.64239 AU
morning rise	-4627 Dec 13 j 19:20	6°♏59'40	
direct	-4627 Dec 20 j 16:44	4°♏10'12	
morning max el	-4626 Jan 03 j 04:09	11°♏50'59	27°22'44
desc. node	-4626 Jan 07 j 14:41	16°♏38'50	
	-4626 Jan 17 j 17:30	0°♐	
	-4626 Feb 04 j 14:48	0°♑	
morning set	-4626 Feb 07 j 05:31	5°♑02'42	
max. Earth dist.	-4626 Feb 12 j 04:55	15°♑05'53	1.33751 AU
superior conj	-4626 Feb 15 j 05:02	21°♑24'14	-1°-2'-3
minimum elong	-4626 Feb 15 j 07:36	21°♑37'49	1°01'51
	-4626 Feb 19 j 05:46	0°♒	
asc. node	-4626 Feb 21 j 14:45	5°♒02'31	
evening rise	-4626 Feb 22 j 12:02	6°♒54'17	
	-4626 Mar 06 j 23:45	0°♓	
evening max el	-4626 Mar 16 j 00:40	11°♓16'17	22°21'59
retrograde	-4626 Mar 28 j 20:59	17°♓31'32	
evening set	-4626 Mar 31 j 20:58	17°♓11'43	
desc. node	-4626 Apr 05 j 13:37	15°♓31'02	
min. Earth dist.	-4626 Apr 09 j 08:46	13°♓29'40	0.55351 AU
inferior conj	-4626 Apr 10 j 04:28	13°♓01'41	-1°-15'-27
minimum elong	-4626 Apr 10 j 01:06	13°♓06'29	1°14'26
morning rise	-4626 Apr 19 j 07:07	9°♓04'01	
direct	-4626 Apr 21 j 21:45	8°♓48'27	
morning max el	-4626 May 03 j 12:26	14°♓15'40	21°07'49
	-4626 May 15 j 03:25	0°♈	
asc. node	-4626 May 20 j 14:29	10°♈14'05	
morning set	-4626 May 23 j 04:16	15°♈26'46	
	-4626 May 30 j 04:16	0°♉	
superior conj	-4626 May 30 j 17:25	1°♉07'47	1°27'48
minimum elong	-4626 May 30 j 14:43	0°♉53'52	1°27'34
max. Earth dist.	-4626 Jun 03 j 19:29	9°♉24'51	1.35430 AU
evening rise	-4626 Jun 08 j 06:01	18°♉01'44	
	-4626 Jun 14 j 20:28	0°♊	
desc. node	-4626 Jul 02 j 12:10	27°♊10'29	
	-4626 Jul 04 j 15:58	0°♋	
evening max el	-4626 Jul 13 j 16:10	10°♋15'58	26°36'16
retrograde	-4626 Jul 26 j 13:55	17°♋33'34	
evening set	-4626 Aug 02 j 04:28	14°♋48'06	
min. Earth dist.	-4626 Aug 06 j 05:03	10°♋35'27	0.65886 AU
inferior conj	-4626 Aug 07 j 20:15	8°♋36'55	-2°-41'-33
minimum elong	-4626 Aug 07 j 23:37	8°♋26'43	2°40'15
morning rise	-4626 Aug 13 j 19:46	2°♋49'47	
direct	-4626 Aug 16 j 19:19	1°♋59'36	
asc. node	-4626 Aug 16 j 13:55	1°♋59'53	
morning max el	-4626 Aug 23 j 13:04	5°♋44'42	18°40'12
	-4626 Sep 09 j 06:15	0°♌	
morning set	-4626 Sep 13 j 01:44	6°♌08'08	
desc. node	-4626 Sep 28 j 11:39	0°♍39'23	
	-4626 Sep 28 j 01:39	0°♍	
superior conj	-4626 Sep 28 j 19:30	1°♍10'19	0°-2'-4
minimum elong	-4626 Sep 28 j 19:14	1°♍09'18	0°01'55
behind sun begin	-4626 Sep 28 j 07:53	0°♍24'32	
behind sun end	-4626 Sep 29 j 06:36	1°♍54'05	
max. Earth dist.	-4626 Sep 29 j 09:11	2°♍04'14	1.44804 AU
evening rise	-4626 Oct 14 j 23:56	26°♍45'57	
	-4626 Oct 17 j 00:39	0°♎	
evening max el	-4626 Nov 05 j 22:16	29°♎09'33	19°02'46
	-4626 Nov 06 j 18:41	0°♏	
retrograde	-4626 Nov 12 j 20:46	3°♏07'09	
asc. node	-4626 Nov 12 j 12:43	3°♏06'30	
evening set	-4626 Nov 15 j 23:59	2°♏10'26	
	-4626 Nov 18 j 15:27	30°℞♎	
inferior conj	-4626 Nov 21 j 18:56	26°♎20'17	2°48'51
minimum elong	-4626 Nov 21 j 15:47	26°♎30'08	2°47'49
min. Earth dist.	-4626 Nov 23 j 06:36	24°♎29'02	0.65520 AU
morning rise	-4626 Nov 27 j 06:37	20°♎09'21	
direct	-4626 Dec 03 j 17:26	17°♎22'59	
morning max el	-4626 Dec 16 j 14:01	24°♎52'55	26°33'32
	-4626 Dec 21 j 06:40	0°♏	
desc. node	-4626 Dec 25 j 11:41	5°♏12'41	
	-4625 Jan 11 j 03:49	0°♐	
morning set	-4625 Jan 21 j 12:48	18°♐24'51	
max. Earth dist.	-4625 Jan 25 j 19:50	26°♐43'40	1.34939 AU
	-4625 Jan 27 j 11:07	0°♑	
superior conj	-4625 Jan 30 j 05:32	5°♑38'33	-1°-23'-16
minimum elong	-4625 Jan 30 j 08:34	5°♑54'10	1°23'07
evening rise	-4625 Feb 06 j 20:51	21°♑32'38	
asc. node	-4625 Feb 08 j 11:47	24°♑51'47	
	-4625 Feb 11 j 01:49	0°♒	
evening max el	-4625 Feb 26 j 01:57	22°♒23'15	20°55'28
retrograde	-4625 Mar 09 j 10:55	27°♒48'11	
evening set	-4625 Mar 11 j 21:08	27°♒34'20	
inferior conj	-4625 Mar 21 j 00:01	23°♒36'22	0°40'19
minimum elong	-4625 Mar 21 j 01:50	23°♒33'45	0°39'33
min. Earth dist.	-4625 Mar 21 j 23:09	23°♒03'15	0.55266 AU
desc. node	-4625 Mar 23 j 10:45	22°♒13'12	
morning rise	-4625 Mar 30 j 05:20	19°♒24'44	
direct	-4625 Apr 02 j 09:58	19°♒02'30	
morning max el	-4625 Apr 15 j 11:49	25°♒22'36	22°40'07
	-4625 Apr 19 j 18:31	0°♓	
asc. node	-4625 May 07 j 11:30	0°♈04'56	
	-4625 May 07 j 10:33	0°♈	
morning set	-4625 May 07 j 14:57	0°♈22'53	
superior conj	-4625 May 14 j 21:01	15°♈45'48	1°09'42
minimum elong	-4625 May 14 j 18:26	15°♈32'09	1°09'21
max. Earth dist.	-4625 May 17 j 15:34	21°♈35'09	1.34192 AU
	-4625 May 21 j 18:53	0°♉	
evening rise	-4625 May 22 j 17:38	1°♉52'17	
	-4625 Jun 07 j 18:32	0°♊	
desc. node	-4625 Jun 19 j 09:16	16°♊09'07	
evening max el	-4625 Jun 26 j 03:23	23°♊35'00	27°14'49
	-4625 Jul 05 j 01:30	0°♋	
retrograde	-4625 Jul 09 j 13:49	0°♋59'33	
	-4625 Jul 13 j 19:07	30°℞♊	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4625 Jul	16 j 13:54	28♊13'15	
min. Earth dist.	-4625 Jul	20 j 07:44	24♊37'59	0.64658 AU
inferior conj	-4625 Jul	22 j 12:43	22♊10'57	-3°-23'-24
minimum elong	-4625 Jul	22 j 16:21	22♊00'49	3°22'18
morning rise	-4625 Jul	28 j 20:19	16♊39'18	
direct	-4625 Jul	31 j 14:05	15♊59'35	
asc. node	-4625 Aug	03 j 11:02	16♊42'48	
morning max el	-4625 Aug	07 j 02:38	19♊29'55	18°09'41
	-4625 Aug	14 j 22:27	0♋	
morning set	-4625 Aug	25 j 05:15	17♋00'46	
	-4625 Sep	02 j 00:38	0♌	
superior conj	-4625 Sep	08 j 01:07	9♌46'31	0°45'10
minimum elong	-4625 Sep	08 j 06:06	10♌06'33	0°44'43
max. Earth dist.	-4625 Sep	12 j 02:28	16♌14'59	1.44456 AU
desc. node	-4625 Sep	15 j 08:35	21♌23'28	
	-4625 Sep	20 j 20:34	0♍	
evening rise	-4625 Sep	24 j 16:19	5♍56'27	
	-4625 Oct	10 j 11:37	0♎	
greatest brilliancy	-4625 Oct	12 j 14:55	3♎04'06	-0.6m
evening max el	-4625 Oct	20 j 04:44	12♎36'11	19°54'07
retrograde	-4625 Oct	27 j 17:38	17♎00'13	
asc. node	-4625 Oct	30 j 09:52	16♎18'34	
evening set	-4625 Oct	31 j 05:11	15♎49'34	
inferior conj	-4625 Nov	05 j 19:02	9♎46'51	2°03'41
minimum elong	-4625 Nov	05 j 16:26	9♎55'24	2°02'43
min. Earth dist.	-4625 Nov	06 j 17:58	8♎31'08	0.66456 AU
morning rise	-4625 Nov	11 j 03:01	3♎31'07	
direct	-4625 Nov	16 j 23:53	0♎57'58	
morning max el	-4625 Nov	28 j 23:00	8♎03'33	25°22'27
desc. node	-4625 Dec	12 j 08:38	24♎29'26	
	-4625 Dec	16 j 05:12	0♏	
	-4624 Jan	03 j 15:58	0♐	
morning set	-4624 Jan	04 j 03:30	0♐51'53	
max. Earth dist.	-4624 Jan	07 j 22:59	7♐53'04	1.36569 AU
superior conj	-4624 Jan	13 j 21:23	19♐21'36	-1°-40'-27
minimum elong	-4624 Jan	14 j 00:10	19♐35'26	1°40'28
	-4624 Jan	19 j 04:05	0♑	
evening rise	-4624 Jan	22 j 01:18	5♑51'10	
asc. node	-4624 Jan	26 j 08:49	14♑21'58	
	-4624 Feb	04 j 22:15	0♒	
evening max el	-4624 Feb	08 j 13:33	4♒04'03	19°44'18
retrograde	-4624 Feb	18 j 05:56	8♒39'07	
evening set	-4624 Feb	20 j 14:07	8♒24'17	
inferior conj	-4624 Feb	29 j 03:00	4♒21'24	2°22'46
minimum elong	-4624 Feb	29 j 08:00	4♒13'32	2°21'11
min. Earth dist.	-4624 Mar	02 j 13:38	2♒49'33	0.56096 AU
	-4624 Mar	08 j 02:24	30°♑	
morning rise	-4624 Mar	08 j 22:32	29°♑42'48	
desc. node	-4624 Mar	09 j 07:54	29°♑35'46	
direct	-4624 Mar	13 j 05:38	29°♑01'30	
	-4624 Mar	18 j 07:13	0♒	
morning max el	-4624 Mar	27 j 03:57	6♒01'45	24°18'59
	-4624 Apr	13 j 07:00	0♓	
morning set	-4624 Apr	21 j 03:07	15♓25'09	
asc. node	-4624 Apr	23 j 08:29	20♓08'06	
	-4624 Apr	27 j 22:07	0♈	
superior conj	-4624 Apr	28 j 05:14	0♈38'29	0°48'29
minimum elong	-4624 Apr	28 j 03:15	0♈27'45	0°48'06
max. Earth dist.	-4624 Apr	29 j 20:48	4♈11'17	1.33319 AU
evening rise	-4624 May	05 j 15:16	16♈14'08	
	-4624 May	12 j 19:19	0♉	
	-4624 Jun	01 j 12:49	0♊	
desc. node	-4624 Jun	05 j 06:23	4♊14'14	
evening max el	-4624 Jun	07 j 13:10	6♊32'39	27°24'56
retrograde	-4624 Jun	21 j 07:39	13♊57'18	
evening set	-4624 Jun	28 j 10:45	11♊23'24	
min. Earth dist.	-4624 Jul	02 j 01:03	8♊19'16	0.63058 AU
inferior conj	-4624 Jul	04 j 19:48	5♊32'58	-3°-55'-49
minimum elong	-4624 Jul	04 j 22:48	5♊25'27	3°55'10
morning rise	-4624 Jul	11 j 12:59	0♊19'51	
	-4624 Jul	12 j 13:10	30°♉	
direct	-4624 Jul	14 j 03:09	29°♉47'57	
	-4624 Jul	15 j 16:55	0♊	
asc. node	-4624 Jul	20 j 08:07	2♊49'38	
morning max el	-4624 Jul	20 j 17:23	3♊11'58	17°57'04
morning set	-4624 Aug	06 j 08:50	29♊02'33	
	-4624 Aug	06 j 21:53	0♋	
superior conj	-4624 Aug	18 j 06:04	19♋32'46	1°20'49
minimum elong	-4624 Aug	18 j 11:44	19♋56'27	1°20'29
max. Earth dist.	-4624 Aug	24 j 17:00	0♌09'36	1.43439 AU
	-4624 Aug	24 j 14:38	0♌	
desc. node	-4624 Sep	01 j 05:31	12♌05'56	
evening rise	-4624 Sep	02 j 20:06	14♌36'07	
	-4624 Sep	12 j 22:46	0♍	
greatest brilliancy	-4624 Sep	26 j 15:21	19♍27'40	-0.5m
evening max el	-4624 Oct	02 j 05:25	26♍02'21	20°59'08
	-4624 Oct	07 j 03:00	0♎	
retrograde	-4624 Oct	10 j 14:33	0♎59'40	
	-4624 Oct	13 j 20:32	30°♍	
evening set	-4624 Oct	14 j 12:45	29♍32'13	
asc. node	-4624 Oct	16 j 07:00	27♍56'36	
inferior conj	-4624 Oct	19 j 23:08	23♍20'15	1°13'53
minimum elong	-4624 Oct	19 j 21:29	23♍25'53	1°13'15
min. Earth dist.	-4624 Oct	20 j 10:41	22♍40'46	0.67065 AU
morning rise	-4624 Oct	25 j 05:48	17♍02'35	
direct	-4624 Oct	30 j 11:21	14♍48'47	
morning max el	-4624 Nov	10 j 07:43	21♍17'24	23°59'08
	-4624 Nov	17 j 20:19	0♎	
desc. node	-4624 Nov	28 j 05:34	14♎16'46	
	-4624 Dec	08 j 11:56	0♏	
morning set	-4624 Dec	15 j 19:39	12♏07'57	
max. Earth dist.	-4624 Dec	19 j 19:26	19♏06'02	1.38534 AU
	-4624 Dec	25 j 18:30	0♐	
superior conj	-4624 Dec	27 j 00:55	2♐23'28	-1°-51'-17
minimum elong	-4624 Dec	27 j 02:23	2♐30'25	1°51'27
evening rise	-4623 Jan	04 j 23:04	19♐44'03	
	-4623 Jan	10 j 07:50	0♑	
asc. node	-4623 Jan	12 j 05:51	3♑26'36	
evening max el	-4623 Jan	21 j 11:06	16♑19'15	18°52'08
retrograde	-4623 Jan	29 j 17:01	20♑17'16	
evening set	-4623 Feb	01 j 03:16	19♑58'02	
inferior conj	-4623 Feb	08 j 23:35	15♑38'11	3°30'24
minimum elong	-4623 Feb	09 j 03:45	15♑30'37	3°29'26
min. Earth dist.	-4623 Feb	12 j 05:13	13♑18'21	0.57637 AU
morning rise	-4623 Feb	17 j 00:33	10♑31'12	
direct	-4623 Feb	22 j 13:38	9♑17'11	
desc. node	-4623 Feb	24 j 05:01	9♑23'42	
morning max el	-4623 Mar	08 j 19:03	16♑40'09	25°50'42
	-4623 Mar	19 j 16:22	0♒	
	-4623 Apr	05 j 09:51	0♓	
morning set	-4623 Apr	05 j 15:05	0♓27'26	
asc. node	-4623 Apr	10 j 05:25	10♓18'47	
superior conj	-4623 Apr	12 j 16:05	15♓38'53	0°25'10
minimum elong	-4623 Apr	12 j 15:00	15♓32'56	0°24'52
max. Earth dist.	-4623 Apr	13 j 08:05	17♓06'07	1.32792 AU
	-4623 Apr	19 j 08:49	0♈	
evening rise	-4623 Apr	19 j 19:43	0♈56'29	
	-4623 May	05 j 20:47	0♉	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4623 May 20 j 18:54	18°♉55'49	27°02'34
desc. node	-4623 May 23 j 03:32	21°♉02'46	
retrograde	-4623 Jun 03 j 18:20	26°♉17'42	
evening set	-4623 Jun 10 j 14:57	24°♉09'53	
min. Earth dist.	-4623 Jun 14 j 08:22	21°♉24'55	0.61155 AU
inferior conj	-4623 Jun 17 j 14:08	18°♉34'35	-4°-13'-33
minimum elong	-4623 Jun 17 j 15:15	18°♉32'07	4°13'21
morning rise	-4623 Jun 24 j 18:28	13°♉42'37	
direct	-4623 Jun 27 j 06:46	13°♉16'41	
morning max el	-4623 Jul 04 j 06:38	16°♉44'07	18°03'15
asc. node	-4623 Jul 07 j 05:09	20°♉04'10	
	-4623 Jul 13 j 15:49	0°♊	
morning set	-4623 Jul 20 j 06:57	11°♊58'19	
	-4623 Jul 30 j 05:15	0°♋	
superior conj	-4623 Jul 30 j 14:40	0°♋41'28	1°41'37
minimum elong	-4623 Jul 30 j 17:58	0°♋55'59	1°41'40
max. Earth dist.	-4623 Aug 07 j 02:36	13°♋31'50	1.41888 AU
evening rise	-4623 Aug 13 j 07:17	23°♋37'52	
	-4623 Aug 17 j 08:17	0°♌	
desc. node	-4623 Aug 19 j 02:29	2°♌43'13	
	-4623 Sep 07 j 00:27	0°♍	
greatest brilliancy	-4623 Sep 10 j 06:16	4°♍06'51	-0.3m
evening max el	-4623 Sep 14 j 23:48	9°♍27'05	22°14'24
retrograde	-4623 Sep 24 j 09:50	15°♍02'37	
evening set	-4623 Sep 28 j 20:48	13°♍16'05	
asc. node	-4623 Oct 03 j 04:09	8°♍24'25	
inferior conj	-4623 Oct 04 j 05:17	6°♍58'09	0°21'26
minimum elong	-4623 Oct 04 j 04:47	6°♍59'53	0°21'19
min. Earth dist.	-4623 Oct 04 j 06:21	6°♍54'29	0.67365 AU
morning rise	-4623 Oct 09 j 12:37	0°♍41'28	
	-4623 Oct 10 j 11:01	30°℞♌	
direct	-4623 Oct 14 j 03:06	28°♌49'16	
	-4623 Oct 18 j 03:20	0°♍	
morning max el	-4623 Oct 23 j 18:56	4°♍34'37	22°32'59
greatest brilliancy	-4623 Oct 28 j 12:05	9°♍53'31	-0.3m
	-4623 Nov 12 j 03:22	0°♎	
desc. node	-4623 Nov 15 j 02:28	4°♎25'24	
morning set	-4623 Nov 26 j 07:57	22°♎01'00	
	-4623 Dec 01 j 03:32	0°♏	
max. Earth dist.	-4623 Dec 01 j 17:04	0°♏57'11	1.40594 AU
superior conj	-4623 Dec 09 j 11:14	14°♏30'48	-1°-52'-43
minimum elong	-4623 Dec 09 j 10:01	14°♏25'22	1°52'52
	-4623 Dec 17 j 20:10	0°♐	
evening rise	-4623 Dec 19 j 11:12	3°♐03'57	
asc. node	-4623 Dec 30 j 02:54	21°♐57'20	
evening max el	-4622 Jan 04 j 16:26	29°♐02'32	18°20'08
	-4622 Jan 05 j 17:40	0°♑	
retrograde	-4622 Jan 11 j 22:48	2°♑39'06	
evening set	-4622 Jan 14 j 11:22	2°♑14'05	
	-4622 Jan 18 j 14:41	30°℞♐	
inferior conj	-4622 Jan 21 j 16:37	27°♐32'46	4°01'07
minimum elong	-4622 Jan 21 j 17:58	27°♐29'55	4°00'47
min. Earth dist.	-4622 Jan 25 j 00:50	24°♐44'32	0.59553 AU
morning rise	-4622 Jan 28 j 21:26	22°♐03'04	
direct	-4622 Feb 04 j 09:39	20°♐10'14	
desc. node	-4622 Feb 11 j 02:06	22°♐00'43	
morning max el	-4622 Feb 18 j 14:47	27°♐45'22	27°00'21
	-4622 Feb 20 j 19:21	0°♑	
	-4622 Mar 13 j 04:43	0°♒	
morning set	-4622 Mar 21 j 01:08	15°♒23'37	
	-4622 Mar 27 j 20:21	0°♓	
superior conj	-4622 Mar 28 j 03:51	0°♓41'04	0°00'39
minimum elong	-4622 Mar 28 j 03:50	0°♓40'56	0°00'31
behind sun begin	-4622 Mar 27 j 22:50	0°♓13'37	
behind sun end	-4622 Mar 28 j 08:49	1°♓08'15	
max. Earth dist.	-4622 Mar 27 j 21:43	0°♓07'28	1.32596 AU
asc. node	-4622 Mar 28 j 02:22	0°♓32'53	
evening rise	-4622 Apr 04 j 04:32	15°♓50'52	
	-4622 Apr 11 j 08:02	0°♈	
	-4622 May 02 j 03:13	0°♉	
evening max el	-4622 May 02 j 18:30	0°♉37'11	26°08'17
desc. node	-4622 May 10 j 00:42	6°♉03'55	
retrograde	-4622 May 16 j 20:37	7°♉54'37	
evening set	-4622 May 22 j 22:50	6°♉22'59	
min. Earth dist.	-4622 May 27 j 07:11	3°♉40'28	0.59116 AU
inferior conj	-4622 May 30 j 16:06	1°♉06'44	-4°-8'-50
minimum elong	-4622 May 30 j 14:05	1°♉10'34	4°08'36
	-4622 Jun 01 j 03:35	30°℞♈	
morning rise	-4622 Jun 07 j 09:10	26°♈37'02	
direct	-4622 Jun 09 j 20:29	26°♈16'01	
morning max el	-4622 Jun 17 j 15:35	29°♈58'50	18°29'03
	-4622 Jun 17 j 16:05	0°♉	
asc. node	-4622 Jun 24 j 02:10	8°♉11'52	
morning set	-4622 Jul 03 j 18:46	25°♉35'55	
	-4622 Jul 06 j 01:44	0°♊	
superior conj	-4622 Jul 12 j 22:56	13°♊02'17	1°49'12
minimum elong	-4622 Jul 12 j 23:29	13°♊04'47	1°49'25
max. Earth dist.	-4622 Jul 20 j 06:26	26°♊10'16	1.40014 AU
	-4622 Jul 22 j 11:51	0°♋	
evening rise	-4622 Jul 24 j 17:21	3°♋45'37	
desc. node	-4622 Aug 05 j 23:29	23°♋11'30	
	-4622 Aug 10 j 14:14	0°♌	
evening max el	-4622 Aug 28 j 13:05	22°♌52'29	23°34'55
retrograde	-4622 Sep 08 j 02:18	29°♌06'44	
evening set	-4622 Sep 13 j 03:35	27°♌00'14	
inferior conj	-4622 Sep 18 j 11:46	20°♌39'48	0°-31'-54
minimum elong	-4622 Sep 18 j 12:31	20°♌37'16	0°31'26
min. Earth dist.	-4622 Sep 18 j 02:36	21°♌11'12	0.67367 AU
asc. node	-4622 Sep 20 j 01:18	18°♌33'32	
morning rise	-4622 Sep 23 j 21:33	14°♌27'04	
direct	-4622 Sep 27 j 22:23	12°♌55'44	
morning max el	-4622 Oct 06 j 11:39	17°♌58'41	21°11'54
greatest brilliancy	-4622 Oct 11 j 23:08	24°♌22'14	-0.5m
	-4622 Oct 16 j 04:10	0°♍	
desc. node	-4622 Nov 01 j 23:22	24°♍49'13	
	-4622 Nov 05 j 07:23	0°♎	
morning set	-4622 Nov 05 j 17:46	0°♎40'39	
max. Earth dist.	-4622 Nov 13 j 20:40	13°♎40'12	1.42464 AU
superior conj	-4622 Nov 20 j 22:37	25°♎29'38	-1°-41'-5
minimum elong	-4622 Nov 20 j 17:52	25°♎09'21	1°40'52
	-4622 Nov 23 j 13:29	0°♏	
evening rise	-4622 Dec 02 j 10:06	15°♏42'57	
	-4622 Dec 10 j 11:59	0°♐	
asc. node	-4622 Dec 17 j 00:00	9°♐43'29	
evening max el	-4622 Dec 19 j 02:49	12°♐05'52	18°08'04
retrograde	-4622 Dec 25 j 20:12	15°♐34'35	
evening set	-4622 Dec 28 j 11:13	15°♐02'48	
inferior conj	-4621 Jan 04 j 03:58	9°♐59'44	4°02'43
minimum elong	-4621 Jan 04 j 02:44	10°♐02'42	4°02'26
min. Earth dist.	-4621 Jan 07 j 03:51	7°♐06'24	0.61532 AU
morning rise	-4621 Jan 10 j 15:54	4°♐13'49	
direct	-4621 Jan 17 j 15:57	1°♐47'38	
desc. node	-4621 Jan 28 j 23:09	6°♐59'59	
morning max el	-4621 Jan 31 j 16:50	9°♐29'33	27°37'13
	-4621 Feb 16 j 15:01	0°♑	
morning set	-4621 Mar 05 j 07:14	0°♒05'17	
	-4621 Mar 05 j 06:12	0°♒	
max. Earth dist.	-4621 Mar 11 j 09:40	12°♒59'35	1.32739 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4621 Mar 12 j 14:51	15°♒38'00	0°-24'-15
minimum elong	-4621 Mar 12 j 15:56	15°♒43'53	0°24'13
asc. node	-4621 Mar 14 j 23:19	20°♒45'38	
	-4621 Mar 19 j 06:20	0°♓	
evening rise	-4621 Mar 19 j 15:36	0°♓48'49	
	-4621 Apr 04 j 20:34	0°♈	
evening max el	-4621 Apr 14 j 12:22	11°♈40'26	24°48'44
desc. node	-4621 Apr 26 j 21:52	18°♈40'11	
retrograde	-4621 Apr 28 j 12:30	18°♈46'13	
evening set	-4621 May 03 j 09:36	17°♈51'47	
min. Earth dist.	-4621 May 09 j 00:37	14°♈55'32	0.57219 AU
inferior conj	-4621 May 11 j 22:35	13°♈00'01	-3°-31'-49
minimum elong	-4621 May 11 j 17:31	13°♈08'27	3°30'50
morning rise	-4621 May 20 j 05:40	8°♈49'59	
direct	-4621 May 22 j 16:15	8°♈32'55	
morning max el	-4621 May 31 j 17:18	12°♈45'51	19°15'03
asc. node	-4621 Jun 10 j 23:09	26°♈59'38	
	-4621 Jun 12 j 15:03	0°♉	
morning set	-4621 Jun 17 j 16:23	9°♉44'50	
superior conj	-4621 Jun 26 j 00:58	26°♉17'49	1°46'31
minimum elong	-4621 Jun 25 j 23:31	26°♉10'47	1°46'38
	-4621 Jun 27 j 23:06	0°♊	
max. Earth dist.	-4621 Jul 02 j 07:40	8°♊09'07	1.38076 AU
evening rise	-4621 Jul 06 j 05:43	15°♊10'51	
	-4621 Jul 15 j 01:48	0°♋	
desc. node	-4621 Jul 23 j 20:33	13°♋25'26	
	-4621 Aug 05 j 05:37	0°♌	
evening max el	-4621 Aug 10 j 23:55	6°♌21'04	24°54'04
retrograde	-4621 Aug 22 j 14:56	13°♌08'09	
evening set	-4621 Aug 28 j 07:18	10°♌42'57	
min. Earth dist.	-4621 Sep 01 j 21:02	5°♌29'27	0.67057 AU
inferior conj	-4621 Sep 02 j 16:54	4°♌23'32	-1°-24'-28
minimum elong	-4621 Sep 02 j 18:50	4°♌17'06	1°23'30
	-4621 Sep 06 j 07:26	30°℞♋	
asc. node	-4621 Sep 06 j 22:25	29°♋23'24	
morning rise	-4621 Sep 08 j 06:46	28°♋17'58	
direct	-4621 Sep 11 j 19:59	27°♋05'02	
	-4621 Sep 17 j 21:05	0°♌	
morning max el	-4621 Sep 19 j 11:26	1°♌31'21	20°01'31
greatest brilliancy	-4621 Sep 26 j 21:32	10°♌43'33	-0.6m
	-4621 Oct 09 j 21:31	0°♍	
morning set	-4621 Oct 15 j 16:20	8°♍54'46	
desc. node	-4621 Oct 19 j 20:17	15°♍23'43	
max. Earth dist.	-4621 Oct 27 j 07:19	27°♍10'27	1.43888 AU
	-4621 Oct 29 j 01:40	0°♎	
superior conj	-4621 Nov 01 j 06:48	5°♎11'42	-1°-13'-23
minimum elong	-4621 Nov 01 j 00:02	4°♎44'10	1°12'41
evening rise	-4621 Nov 14 j 15:20	27°♎32'23	
	-4621 Nov 16 j 01:47	0°♏	
evening max el	-4621 Dec 02 j 15:30	25°♏22'43	18°15'10
asc. node	-4621 Dec 03 j 21:09	26°♏32'13	
retrograde	-4621 Dec 09 j 04:47	28°♏54'54	
evening set	-4621 Dec 11 j 23:17	28°♏14'56	
inferior conj	-4621 Dec 18 j 05:57	22°♏51'36	3°44'02
minimum elong	-4621 Dec 18 j 03:13	22°♏59'03	3°43'25
min. Earth dist.	-4621 Dec 20 j 16:19	20°♏13'16	0.63340 AU
morning rise	-4621 Dec 24 j 05:29	16°♏53'54	
direct	-4621 Dec 31 j 06:27	14°♏08'13	
morning max el	-4620 Jan 13 j 23:48	21°♏51'30	27°37'49
desc. node	-4620 Jan 15 j 20:11	23°♏45'24	
	-4620 Jan 21 j 04:36	0°♐	
	-4620 Feb 09 j 17:02	0°♑	
morning set	-4620 Feb 17 j 07:01	14°♑24'06	
max. Earth dist.	-4620 Feb 22 j 16:06	25°♑29'06	1.33261 AU

superior conj	-4620 Feb 24 j 23:22	0°♒23'39	0°-48'-39
minimum elong	-4620 Feb 25 j 01:28	0°♒34'53	0°48'29
	-4620 Feb 24 j 18:58	0°♒	
asc. node	-4620 Feb 29 j 20:20	10°♒52'55	
evening rise	-4620 Mar 03 j 03:10	15°♒43'56	
	-4620 Mar 10 j 07:53	0°♓	
evening max el	-4620 Mar 26 j 04:37	22°♓25'06	23°15'57
retrograde	-4620 Apr 08 j 15:32	29°♓03'24	
evening set	-4620 Apr 12 j 05:26	28°♓35'21	
desc. node	-4620 Apr 12 j 19:02	28°♓26'01	
min. Earth dist.	-4620 Apr 19 j 15:37	25°♓13'45	0.55816 AU
inferior conj	-4620 Apr 21 j 09:33	24°♓11'57	-2°-15'-28
minimum elong	-4620 Apr 21 j 04:15	24°♓19'48	2°13'58
morning rise	-4620 Apr 30 j 06:10	20°♓13'21	
direct	-4620 May 02 j 17:47	19°♓58'15	
morning max el	-4620 May 13 j 09:14	24°♓55'53	20°21'12
	-4620 May 17 j 21:56	0°♈	
asc. node	-4620 May 27 j 20:08	16°♈17'51	
morning set	-4620 May 31 j 20:52	24°♈17'28	
	-4620 Jun 03 j 15:46	0°♉	
superior conj	-4620 Jun 08 j 15:47	10°♉13'51	1°36'16
minimum elong	-4620 Jun 08 j 13:18	10°♉01'19	1°36'11
max. Earth dist.	-4620 Jun 13 j 13:08	19°♉54'40	1.36313 AU
evening rise	-4620 Jun 17 j 16:39	27°♉44'26	
	-4620 Jun 18 j 22:17	0°♊	
	-4620 Jul 07 j 09:36	0°♋	
desc. node	-4620 Jul 09 j 17:39	3°♋18'02	
evening max el	-4620 Jul 23 j 10:43	19°♋51'59	26°03'47
retrograde	-4620 Aug 04 j 22:55	27°♋01'07	
evening set	-4620 Aug 11 j 05:53	24°♋21'17	
min. Earth dist.	-4620 Aug 15 j 11:09	19°♋45'55	0.66418 AU
inferior conj	-4620 Aug 16 j 18:48	18°♋06'17	-2°-14'-35
minimum elong	-4620 Aug 16 j 21:45	17°♋57'00	2°13'20
morning rise	-4620 Aug 22 j 14:20	12°♋11'17	
asc. node	-4620 Aug 23 j 19:33	11°♋35'24	
direct	-4620 Aug 25 j 18:15	11°♋13'36	
morning max el	-4620 Sep 01 j 17:57	15°♋11'13	19°05'15
	-4620 Sep 12 j 17:33	0°♌	
morning set	-4620 Sep 24 j 02:42	17°♌48'09	
	-4620 Oct 01 j 20:35	0°♍	
desc. node	-4620 Oct 05 j 17:13	6°♍04'29	
max. Earth dist.	-4620 Oct 08 j 23:26	11°♍12'45	1.44682 AU
superior conj	-4620 Oct 10 j 14:31	13°♍47'09	0°-30'-31
minimum elong	-4620 Oct 10 j 10:39	13°♍31'51	0°29'57
	-4620 Oct 20 j 18:21	0°♎	
evening rise	-4620 Oct 25 j 22:06	8°♎21'56	
	-4620 Nov 08 j 09:55	0°♏	
evening max el	-4620 Nov 15 j 03:41	8°♏46'34	18°40'27
asc. node	-4620 Nov 19 j 18:18	12°♏07'48	
retrograde	-4620 Nov 21 j 20:39	12°♏31'59	
evening set	-4620 Nov 24 j 20:12	11°♏41'56	
inferior conj	-4620 Nov 30 j 18:53	6°♏00'42	3°11'43
minimum elong	-4620 Nov 30 j 15:39	6°♏10'21	3°10'47
min. Earth dist.	-4620 Dec 02 j 14:32	3°♏50'27	0.64836 AU
morning rise	-4620 Dec 06 j 09:57	29°♎54'06	
	-4620 Dec 06 j 07:11	30°℞♎	
direct	-4620 Dec 13 j 03:37	27°♎04'19	
	-4620 Dec 20 j 21:13	0°♏	
morning max el	-4620 Dec 26 j 09:07	4°♏41'20	27°04'57
desc. node	-4619 Jan 01 j 17:11	11°♏45'59	
	-4619 Jan 14 j 17:41	0°♐	
morning set	-4619 Jan 30 j 21:23	28°♐09'35	
	-4619 Jan 31 j 20:06	0°♑	
max. Earth dist.	-4619 Feb 04 j 13:20	7°♑25'43	1.34202 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4619 Feb 08 j 03:26	14°♌51'05	-1°-11'-26
minimum elong	-4619 Feb 08 j 06:16	15°♌05'54	1°11'14
	-4619 Feb 15 j 07:46	0°♒	
evening rise	-4619 Feb 15 j 13:29	0°♒29'47	
asc. node	-4619 Feb 15 j 17:22	0°♒49'58	
	-4619 Mar 04 j 22:55	0°♓	
evening max el	-4619 Mar 08 j 01:05	3°♓16'56	21°43'44
retrograde	-4619 Mar 20 j 07:21	9°♓11'02	
evening set	-4619 Mar 22 j 23:53	8°♓54'51	
desc. node	-4619 Mar 30 j 16:09	5°♓46'46	
inferior conj	-4619 Apr 01 j 07:03	4°♓52'29	0°-26'-47
minimum elong	-4619 Apr 01 j 05:48	4°♓54'15	0°26'28
min. Earth dist.	-4619 Apr 01 j 05:42	4°♓54'23	0.55200 AU
morning rise	-4619 Apr 10 j 12:13	0°♓51'07	
direct	-4619 Apr 13 j 07:32	0°♓33'39	
morning max el	-4619 Apr 25 j 14:09	6°♓23'54	21°45'38
	-4619 May 11 j 16:39	0°♈	
asc. node	-4619 May 14 j 17:08	5°♈58'49	
morning set	-4619 May 16 j 05:53	9°♈07'16	
superior conj	-4619 May 23 j 15:35	24°♈39'24	1°20'34
minimum elong	-4619 May 23 j 12:52	24°♈25'13	1°20'18
	-4619 May 26 j 05:34	0°♉	
max. Earth dist.	-4619 May 27 j 03:48	1°♉53'16	1.34860 AU
evening rise	-4619 May 31 j 20:40	11°♉11'17	
	-4619 Jun 11 j 08:19	0°♊	
desc. node	-4619 Jun 26 j 14:44	22°♊40'17	
	-4619 Jul 02 j 17:14	0°♋	
evening max el	-4619 Jul 05 j 22:07	3°♋19'08	26°55'49
retrograde	-4619 Jul 19 j 01:40	10°♋39'48	
evening set	-4619 Jul 25 j 20:56	7°♋52'47	
min. Earth dist.	-4619 Jul 29 j 18:32	3°♋56'23	0.65416 AU
inferior conj	-4619 Jul 31 j 15:24	1°♋45'17	-3°00'-11
minimum elong	-4619 Jul 31 j 18:59	1°♋34'50	2°58'56
	-4619 Aug 02 j 04:09	30°℞♊	
morning rise	-4619 Aug 06 j 18:10	26°♊04'12	
direct	-4619 Aug 09 j 15:05	25°♊18'40	
asc. node	-4619 Aug 10 j 16:38	25°♊24'53	
morning max el	-4619 Aug 16 j 05:38	28°♊56'08	18°25'04
	-4619 Aug 17 j 05:34	0°♋	
morning set	-4619 Sep 04 j 14:44	27°♋57'15	
	-4619 Sep 05 j 20:46	0°♌	
superior conj	-4619 Sep 19 j 14:10	22°♌04'04	0°18'53
minimum elong	-4619 Sep 19 j 16:34	22°♌13'36	0°18'42
max. Earth dist.	-4619 Sep 21 j 17:47	25°♌28'05	1.44754 AU
desc. node	-4619 Sep 22 j 14:10	26°♌48'29	
	-4619 Sep 24 j 14:48	0°♍	
evening rise	-4619 Oct 06 j 03:46	18°♍07'07	
	-4619 Oct 13 j 17:48	0°♎	
greatest brilliancy	-4619 Oct 19 j 20:16	9°♎22'09	-0.7m
evening max el	-4619 Oct 29 j 12:51	22°♎13'13	19°22'41
retrograde	-4619 Nov 05 j 16:31	26°♎20'49	
asc. node	-4619 Nov 06 j 15:26	26°♎15'33	
evening set	-4619 Nov 08 j 23:06	25°♎18'18	
inferior conj	-4619 Nov 14 j 15:40	19°♎22'16	2°30'21
minimum elong	-4619 Nov 14 j 12:41	19°♎31'47	2°29'19
min. Earth dist.	-4619 Nov 15 j 21:38	17°♎46'15	0.65970 AU
morning rise	-4619 Nov 20 j 01:29	13°♎09'09	
direct	-4619 Nov 26 j 06:38	10°♎27'40	
morning max el	-4619 Dec 08 j 18:41	17°♎48'01	26°05'21
	-4619 Dec 19 j 02:16	0°♏	
desc. node	-4619 Dec 19 j 14:11	0°♏39'48	
	-4618 Jan 07 j 16:29	0°♐	
morning set	-4618 Jan 13 j 22:13	11°♐09'38	
max. Earth dist.	-4618 Jan 17 j 23:17	18°♐50'01	1.35590 AU

superior conj	-4618 Jan 23 j 00:37	28°♐52'53	-1°-31'-12
minimum elong	-4618 Jan 23 j 03:39	29°♐08'18	1°31'06
	-4618 Jan 23 j 13:48	0°♑	
evening rise	-4618 Jan 30 j 20:42	15°♑00'26	
asc. node	-4618 Feb 02 j 14:24	20°♑31'47	
	-4618 Feb 07 j 15:21	0°♒	
evening max el	-4618 Feb 18 j 06:27	14°♒36'36	20°22'54
retrograde	-4618 Feb 28 j 21:52	19°♒39'36	
evening set	-4618 Mar 03 j 06:23	19°♒25'48	
inferior conj	-4618 Mar 12 j 03:57	15°♒27'17	1°27'15
minimum elong	-4618 Mar 12 j 07:36	15°♒21'53	1°25'55
min. Earth dist.	-4618 Mar 13 j 19:40	14°♒28'44	0.55512 AU
desc. node	-4618 Mar 17 j 13:18	12°♒28'20	
morning rise	-4618 Mar 21 j 06:38	11°♒05'36	
direct	-4618 Mar 24 j 21:19	10°♒37'09	
morning max el	-4618 Apr 07 j 09:44	17°♒15'47	23°22'20
	-4618 Apr 17 j 15:03	0°♓	
morning set	-4618 Apr 30 j 17:24	24°♓06'51	
asc. node	-4618 May 01 j 14:05	25°♓55'25	
	-4618 May 03 j 12:08	0°♈	
superior conj	-4618 May 07 j 21:23	9°♈24'24	1°01'01
minimum elong	-4618 May 07 j 19:01	9°♈11'43	1°00'38
max. Earth dist.	-4618 May 10 j 04:11	14°♈15'23	1.33770 AU
evening rise	-4618 May 15 j 12:56	25°♈16'12	
	-4618 May 17 j 22:55	0°♉	
	-4618 Jun 04 j 19:30	0°♊	
desc. node	-4618 Jun 13 j 11:50	11°♊18'34	
evening max el	-4618 Jun 18 j 08:54	16°♊30'23	27°22'53
retrograde	-4618 Jul 01 j 22:54	23°♊55'17	
evening set	-4618 Jul 09 j 01:27	21°♊12'18	
min. Earth dist.	-4618 Jul 12 j 17:09	17°♊51'44	0.64026 AU
inferior conj	-4618 Jul 15 j 04:13	15°♊14'56	-3°-38'-32
minimum elong	-4618 Jul 15 j 07:43	15°♊05'36	3°37'37
morning rise	-4618 Jul 21 j 15:44	9°♊51'04	
direct	-4618 Jul 24 j 07:48	9°♊14'53	
asc. node	-4618 Jul 28 j 13:42	10°♊45'28	
morning max el	-4618 Jul 30 j 20:03	12°♊41'04	18°02'08
	-4618 Aug 11 j 17:51	0°♋	
morning set	-4618 Aug 17 j 05:07	9°♋21'13	
	-4618 Aug 29 j 12:04	0°♌	
superior conj	-4618 Aug 30 j 04:20	1°♌06'26	1°02'03
minimum elong	-4618 Aug 30 j 10:10	1°♌30'13	1°01'36
max. Earth dist.	-4618 Sep 04 j 10:34	9°♌35'29	1.44103 AU
desc. node	-4618 Sep 09 j 11:06	17°♌32'20	
evening rise	-4618 Sep 15 j 12:44	26°♌59'19	
	-4618 Sep 17 j 11:36	0°♍	
greatest brilliancy	-4618 Oct 06 j 02:36	27°♍36'29	-0.6m
	-4618 Oct 07 j 21:47	0°♎	
evening max el	-4618 Oct 12 j 16:55	5°♎39'38	20°20'11
retrograde	-4618 Oct 20 j 13:47	10°♎17'19	
evening set	-4618 Oct 24 j 05:35	8°♎59'45	
asc. node	-4618 Oct 24 j 12:34	8°♎46'54	
inferior conj	-4618 Oct 29 j 17:44	2°♎52'23	1°43'00
minimum elong	-4618 Oct 29 j 15:31	2°♎59'51	1°42'08
min. Earth dist.	-4618 Oct 30 j 11:36	1°♎52'20	0.66753 AU
	-4618 Oct 31 j 21:56	30°℞♍	
morning rise	-4618 Nov 04 j 00:54	26°♍35'24	
direct	-4618 Nov 09 j 15:10	24°♍10'17	
	-4618 Nov 20 j 02:30	0°♎	
morning max el	-4618 Nov 21 j 03:38	1°♎01'39	24°47'56
desc. node	-4618 Dec 06 j 11:09	20°♎11'08	
	-4618 Dec 13 j 02:26	0°♏	
morning set	-4618 Dec 27 j 04:10	23°♏09'13	
	-4618 Dec 30 j 23:27	0°♐	
max. Earth dist.	-4618 Dec 30 j 23:08	29°♏58'34	1.37375 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4617 Jan 06 j 11:45	12°♐20'07	-1°-46'00
minimum elong	-4617 Jan 06 j 14:08	12°♐31'44	1°46'05
evening rise	-4617 Jan 14 j 22:41	29°♐09'35	
	-4617 Jan 15 j 08:48	0°♑	
asc. node	-4617 Jan 20 j 11:26	9°♑52'34	
evening max el	-4617 Jan 31 j 22:25	26°♑32'46	19°19'38
	-4617 Feb 05 j 22:30	0°♒	
retrograde	-4617 Feb 09 j 23:16	0°♒50'43	
evening set	-4617 Feb 12 j 07:57	0°♒34'24	
	-4617 Feb 14 j 04:52	30°℞♑	
inferior conj	-4617 Feb 20 j 13:45	26°♑25'08	2°56'16
minimum elong	-4617 Feb 20 j 18:49	26°♑16'41	2°54'50
min. Earth dist.	-4617 Feb 23 j 10:33	24°♑30'57	0.56675 AU
morning rise	-4617 Mar 01 j 01:59	21°♑33'41	
desc. node	-4617 Mar 04 j 10:25	20°♑45'12	
direct	-4617 Mar 05 j 21:46	20°♑40'07	
morning max el	-4617 Mar 20 j 00:56	27°♑52'24	24°59'55
	-4617 Mar 22 j 03:09	0°♒	
	-4617 Apr 10 j 17:20	0°♓	
morning set	-4617 Apr 15 j 05:41	9°♓10'09	
asc. node	-4617 Apr 18 j 11:03	16°♓02'35	
superior conj	-4617 Apr 22 j 06:58	24°♓21'29	0°38'48
minimum elong	-4617 Apr 22 j 05:20	24°♓12'37	0°38'27
max. Earth dist.	-4617 Apr 23 j 12:16	27°♓00'14	1.33046 AU
	-4617 Apr 24 j 21:40	0°♈	
evening rise	-4617 Apr 29 j 13:48	9°♈47'52	
	-4617 May 10 j 07:14	0°♉	
desc. node	-4617 May 31 j 08:56	28°♉54'12	
evening max el	-4617 May 31 j 17:00	29°♉13'41	27°19'26
	-4617 Jun 01 j 12:45	0°♊	
retrograde	-4617 Jun 14 j 14:00	6°♊38'15	
evening set	-4617 Jun 21 j 15:44	4°♊13'27	
min. Earth dist.	-4617 Jun 25 j 06:05	1°♊19'31	0.62275 AU
	-4617 Jun 26 j 16:07	30°℞♉	
inferior conj	-4617 Jun 28 j 06:15	28°♉28'54	-4°-5'-33
minimum elong	-4617 Jun 28 j 08:38	28°♉23'14	4°05'07
morning rise	-4617 Jul 05 j 04:02	23°♉24'50	
direct	-4617 Jul 07 j 17:08	22°♉55'47	
morning max el	-4617 Jul 14 j 10:33	26°♉20'00	17°57'24
asc. node	-4617 Jul 15 j 10:45	27°♉22'52	
	-4617 Jul 17 j 14:30	0°♊	
morning set	-4617 Jul 30 j 17:11	21°♊47'12	
	-4617 Aug 04 j 07:19	0°♋	
superior conj	-4617 Aug 10 j 21:14	11°♋28'25	1°31'25
minimum elong	-4617 Aug 11 j 02:04	11°♋49'07	1°31'15
max. Earth dist.	-4617 Aug 17 j 22:44	23°♋16'25	1.42830 AU
	-4617 Aug 22 j 02:44	0°♌	
evening rise	-4617 Aug 25 j 17:03	5°♌40'59	
desc. node	-4617 Aug 27 j 08:02	8°♌12'59	
	-4617 Sep 10 j 20:31	0°♍	
greatest brilliancy	-4617 Sep 20 j 12:43	13°♍13'07	-0.4m
evening max el	-4617 Sep 25 j 14:46	19°♍04'45	21°30'09
retrograde	-4617 Oct 04 j 10:17	24°♍18'32	
evening set	-4617 Oct 08 j 13:35	22°♍43'20	
asc. node	-4617 Oct 11 j 09:43	19°♍50'40	
inferior conj	-4617 Oct 13 j 22:57	16°♍28'15	0°51'51
minimum elong	-4617 Oct 13 j 21:46	16°♍32'19	0°51'25
min. Earth dist.	-4617 Oct 14 j 06:00	16°♍03'59	0.67225 AU
morning rise	-4617 Oct 19 j 05:39	10°♍10'21	
direct	-4617 Oct 24 j 04:36	8°♍05'38	
morning max el	-4617 Nov 03 j 13:04	14°♍16'57	23°22'15
greatest brilliancy	-4617 Nov 09 j 04:13	20°♍39'59	-0.2m
	-4617 Nov 16 j 06:32	0°♎	
desc. node	-4617 Nov 23 j 08:03	10°♎08'26	
	-4617 Dec 06 j 01:14	0°♏	
morning set	-4617 Dec 08 j 08:58	3°♏51'11	
max. Earth dist.	-4617 Dec 12 j 18:43	11°♏22'34	1.39411 AU
superior conj	-4617 Dec 20 j 08:36	25°♏00'27	-1°-53'-15
minimum elong	-4617 Dec 20 j 09:06	25°♏02'46	1°53'27
	-4617 Dec 23 j 00:30	0°♐	
evening rise	-4617 Dec 29 j 16:45	12°♐49'18	
asc. node	-4616 Jan 07 j 08:30	28°♐44'12	
	-4616 Jan 08 j 03:01	0°♑	
evening max el	-4616 Jan 14 j 23:39	9°♑01'15	18°36'06
retrograde	-4616 Jan 22 j 18:16	12°♑48'09	
evening set	-4616 Jan 25 j 05:27	12°♑26'42	
inferior conj	-4616 Feb 01 j 19:07	7°♑58'21	3°47'31
minimum elong	-4616 Feb 01 j 22:10	7°♑52'27	3°46'54
min. Earth dist.	-4616 Feb 05 j 03:47	5°♑23'18	0.58425 AU
morning rise	-4616 Feb 09 j 11:17	2°♑40'38	
direct	-4616 Feb 15 j 11:33	1°♑09'49	
desc. node	-4616 Feb 19 j 07:32	1°♑46'01	
morning max el	-4616 Feb 29 j 17:31	8°♑39'41	26°23'42
	-4616 Mar 16 j 20:20	0°♒	
morning set	-4616 Mar 29 j 17:01	24°♒10'15	
	-4616 Apr 01 j 10:54	0°♓	
asc. node	-4616 Apr 04 j 08:00	6°♓15'08	
superior conj	-4616 Apr 05 j 18:25	9°♓23'18	0°14'53
minimum elong	-4616 Apr 05 j 17:46	9°♓19'45	0°14'38
behind sun begin	-4616 Apr 05 j 15:55	9°♓09'36	
behind sun end	-4616 Apr 05 j 19:37	9°♓29'54	
max. Earth dist.	-4616 Apr 06 j 00:46	9°♓58'04	1.32666 AU
evening rise	-4616 Apr 12 j 20:22	24°♓36'03	
	-4616 Apr 15 j 11:52	0°♈	
	-4616 May 03 j 04:55	0°♉	
evening max el	-4616 May 12 j 20:16	11°♉19'11	26°43'13
desc. node	-4616 May 17 j 06:05	15°♉01'01	
retrograde	-4616 May 26 j 21:39	18°♉40'04	
evening set	-4616 Jun 02 j 11:40	16°♉47'01	
min. Earth dist.	-4616 Jun 06 j 09:45	14°♉04'55	0.60281 AU
inferior conj	-4616 Jun 09 j 18:03	11°♉18'54	-4°-14'-56
minimum elong	-4616 Jun 09 j 17:57	11°♉19'05	4°14'47
morning rise	-4616 Jun 17 j 03:36	6°♉36'20	
direct	-4616 Jun 19 j 15:16	6°♉12'43	
morning max el	-4616 Jun 26 j 22:18	9°♉45'33	18°11'48
asc. node	-4616 Jul 01 j 07:46	15°♉01'29	
	-4616 Jul 10 j 04:58	0°♊	
morning set	-4616 Jul 12 j 21:41	5°♊02'01	
superior conj	-4616 Jul 22 j 16:34	23°♊09'27	1°46'17
minimum elong	-4616 Jul 22 j 18:39	23°♊18'47	1°46'26
	-4616 Jul 26 j 13:11	0°♋	
max. Earth dist.	-4616 Jul 30 j 05:19	6°♋18'53	1.41110 AU
evening rise	-4616 Aug 04 j 12:49	15°♋07'40	
desc. node	-4616 Aug 13 j 05:01	28°♋47'07	
	-4616 Aug 14 j 00:11	0°♌	
greatest brilliancy	-4616 Sep 02 j 09:01	27°♌00'26	-0.3m
	-4616 Sep 04 j 22:30	0°♍	
evening max el	-4616 Sep 07 j 06:51	2°♍30'17	22°48'27
retrograde	-4616 Sep 17 j 04:30	8°♍22'35	
evening set	-4616 Sep 21 j 21:18	6°♍27'51	
inferior conj	-4616 Sep 27 j 05:29	0°♍08'34	0°-1'-8
minimum elong	-4616 Sep 27 j 05:31	0°♍08'30	0°01'01
transit middle	-4616 Sep 27 j 05:31	0°♍08'30	0°01'01
transit begin	-4616 Sep 27 j 02:49	0°♍17'48	
transit end	-4616 Sep 27 j 08:12	29°♌59'13	
min. Earth dist.	-4616 Sep 27 j 02:18	0°♍19'35	0.67400 AU
asc. node	-4616 Sep 27 j 06:51	0°♍03'53	
	-4616 Sep 27 j 07:59	30°℞♌	
morning rise	-4616 Oct 02 j 13:38	23°♌53'00	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4616 Oct 06 j 22:11	22°♌09'38		
morning max el	-4616 Oct 16 j 02:09	27°♌36'31	21°57'27	
	-4616 Oct 18 j 07:18	0°♍		
greatest brilliancy	-4616 Oct 20 j 23:04	3°♍09'46	-0.4m	
	-4616 Nov 08 j 22:32	0°♎		
desc. node	-4616 Nov 09 j 04:59	0°♎24'34		
morning set	-4616 Nov 17 j 09:10	13°♎10'03		
max. Earth dist.	-4616 Nov 23 j 18:15	23°♎34'35	1.41435 AU	
	-4616 Nov 27 j 13:32	0°♏		
superior conj	-4616 Dec 01 j 09:57	6°♏41'03	-1°-49'-36	
minimum elong	-4616 Dec 01 j 07:16	6°♏29'14	1°49'38	
evening rise	-4616 Dec 11 j 23:45	25°♏52'53		
	-4616 Dec 14 j 05:17	0°♐		
asc. node	-4616 Dec 24 j 05:36	16°♐57'32		
evening max el	-4616 Dec 28 j 07:36	21°♐54'32	18°12'35	
retrograde	-4615 Jan 04 j 07:01	25°♐25'45		
evening set	-4615 Jan 06 j 20:42	24°♐57'52		
inferior conj	-4615 Jan 13 j 20:20	20°♐07'18	4°04'42	
minimum elong	-4615 Jan 13 j 20:29	20°♐06'58	4°04'29	
min. Earth dist.	-4615 Jan 17 j 02:05	17°♐14'08	0.60416 AU	
morning rise	-4615 Jan 20 j 17:30	14°♐30'20		
direct	-4615 Jan 27 j 12:26	12°♐21'49		
desc. node	-4615 Feb 05 j 04:38	15°♐27'44		
morning max el	-4615 Feb 10 j 15:41	19°♐59'47	27°20'14	
	-4615 Feb 19 j 06:18	0°♑		
	-4615 Mar 09 j 13:43	0°♒		
morning set	-4615 Mar 14 j 01:38	9°♒00'40		
max. Earth dist.	-4615 Mar 20 j 14:09	22°♒56'48	1.32620 AU	
superior conj	-4615 Mar 21 j 06:04	24°♒23'43	0°-9'-55	
minimum elong	-4615 Mar 21 j 06:30	24°♒26'10	0°10'00	
behind sun begin	-4615 Mar 21 j 02:35	24°♒04'46		
behind sun end	-4615 Mar 21 j 10:25	24°♒47'35		
asc. node	-4615 Mar 22 j 04:59	26°♒29'00		
	-4615 Mar 23 j 19:37	0°♓		
evening rise	-4615 Mar 28 j 06:23	9°♓32'46		
	-4615 Apr 07 j 22:10	0°♈		
evening max el	-4615 Apr 24 j 17:26	22°♈43'23	25°36'56	
desc. node	-4615 May 04 j 03:15	29°♈04'43		
retrograde	-4615 May 08 j 19:31	29°♈56'22		
evening set	-4615 May 14 j 10:14	28°♈41'31		
min. Earth dist.	-4615 May 19 j 05:56	25°♈54'44	0.58270 AU	
inferior conj	-4615 May 22 j 12:00	23°♈35'14	-3°-57'-41	
minimum elong	-4615 May 22 j 08:33	23°♈41'29	3°57'12	
morning rise	-4615 May 30 j 10:51	19°♈14'06		
direct	-4615 Jun 01 j 21:54	18°♈54'49		
morning max el	-4615 Jun 10 j 04:25	22°♈48'47	18°46'09	
	-4615 Jun 16 j 00:18	0°♉		
asc. node	-4615 Jun 18 j 04:46	3°♉27'13		
morning set	-4615 Jun 26 j 14:05	18°♉53'49		
	-4615 Jul 02 j 06:51	0°♊		
superior conj	-4615 Jul 05 j 09:01	5°♊54'44	1°49'09	
minimum elong	-4615 Jul 05 j 08:36	5°♊52'44	1°49'21	
max. Earth dist.	-4615 Jul 12 j 07:47	18°♊39'46	1.39180 AU	
evening rise	-4615 Jul 16 j 10:13	25°♊48'16		
	-4615 Jul 18 j 21:56	0°♋		
desc. node	-4615 Jul 31 j 02:03	19°♋09'49		
	-4615 Aug 07 j 15:56	0°♌		
evening max el	-4615 Aug 20 j 18:56	15°♌57'15	24°09'19	
retrograde	-4615 Aug 31 j 19:16	22°♌25'49		
evening set	-4615 Sep 06 j 03:00	20°♌11'07		
inferior conj	-4615 Sep 11 j 11:36	13°♌51'00	0°-54'-22	
minimum elong	-4615 Sep 11 j 12:52	13°♌46'45	0°53'40	
min. Earth dist.	-4615 Sep 10 j 22:01	14°♌37'00	0.67275 AU	
asc. node	-4615 Sep 14 j 03:59	10°♌23'16		

morning rise	-4615 Sep 16 j 22:55	7°♌41'02		
direct	-4615 Sep 20 j 18:39	6°♌17'42		
morning max el	-4615 Sep 28 j 21:44	11°♌03'40	20°40'28	
greatest brilliancy	-4615 Oct 05 j 01:20	18°♌24'15	-0.5m	
	-4615 Oct 13 j 06:51	0°♍		
morning set	-4615 Oct 27 j 11:31	21°♍30'45		
desc. node	-4615 Oct 27 j 01:54	20°♍53'25		
	-4615 Nov 01 j 21:16	0°♎		
max. Earth dist.	-4615 Nov 06 j 01:29	6°♎41'08	1.43145 AU	
superior conj	-4615 Nov 12 j 10:07	17°♎07'51	-1°-31'-24	
minimum elong	-4615 Nov 12 j 04:06	16°♎42'44	1°30'57	
	-4615 Nov 19 j 23:23	0°♏		
evening rise	-4615 Nov 24 j 15:42	8°♏11'58		
	-4615 Dec 07 j 16:11	0°♐		
asc. node	-4615 Dec 11 j 02:42	4°♐20'59		
evening max el	-4615 Dec 11 j 19:19	5°♐04'29	18°08'43	
retrograde	-4615 Dec 18 j 09:47	8°♐33'14		
evening set	-4615 Dec 21 j 02:14	7°♐58'01		
inferior conj	-4615 Dec 27 j 14:23	2°♐45'47	3°56'48	
minimum elong	-4615 Dec 27 j 12:22	2°♐50'54	3°56'24	
	-4615 Dec 30 j 07:32	30°℞♏		
min. Earth dist.	-4615 Dec 30 j 08:42	29°♏57'07	0.62339 AU	
morning rise	-4614 Jan 02 j 20:32	26°♏54'33		
direct	-4614 Jan 09 j 22:09	24°♏18'34		
	-4614 Jan 21 j 16:04	0°♐		
desc. node	-4614 Jan 23 j 01:42	1°♐16'31		
morning max el	-4614 Jan 23 j 20:07	2°♐00'51	27°41'53	
	-4614 Feb 13 j 11:51	0°♑		
morning set	-4614 Feb 26 j 05:25	23°♑34'04		
	-4614 Mar 01 j 08:07	0°♒		
max. Earth dist.	-4614 Mar 04 j 00:29	5°♒42'19	1.32919 AU	
superior conj	-4614 Mar 05 j 16:15	9°♒16'55	0°-34'-43	
minimum elong	-4614 Mar 05 j 17:47	9°♒25'13	0°34'37	
asc. node	-4614 Mar 09 j 01:59	16°♒40'13		
evening rise	-4614 Mar 12 j 17:57	24°♒30'54		
	-4614 Mar 15 j 09:36	0°♓		
	-4614 Apr 03 j 00:01	0°♈		
evening max el	-4614 Apr 06 j 09:59	3°♈36'03	24°09'57	
retrograde	-4614 Apr 20 j 05:43	10°♈32'02		
desc. node	-4614 Apr 21 j 00:25	10°♈30'39		
evening set	-4614 Apr 24 j 13:26	9°♈50'25		
min. Earth dist.	-4614 Apr 30 j 21:46	6°♈45'01	0.56546 AU	
inferior conj	-4614 May 03 j 09:58	5°♈11'02	-3°-4'-17	
minimum elong	-4614 May 03 j 04:16	5°♈19'59	3°02'56	
morning rise	-4614 May 11 j 23:04	1°♈07'28		
direct	-4614 May 14 j 09:55	0°♈51'28		
morning max el	-4614 May 24 j 02:14	5°♈21'15	19°40'49	
asc. node	-4614 Jun 05 j 01:47	22°♈29'17		
	-4614 Jun 08 j 23:57	0°♉		
morning set	-4614 Jun 10 j 14:58	3°♉14'10		
superior conj	-4614 Jun 18 j 17:04	19°♉29'25	1°42'57	
minimum elong	-4614 Jun 18 j 15:05	19°♉19'33	1°43'00	
	-4614 Jun 24 j 03:46	0°♊		
max. Earth dist.	-4614 Jun 24 j 10:24	0°♊31'08	1.37293 AU	
evening rise	-4614 Jun 28 j 08:51	7°♊44'09		
	-4614 Jul 11 j 17:38	0°♋		
desc. node	-4614 Jul 17 j 23:06	9°♋15'31		
evening max el	-4614 Aug 03 j 05:27	29°♋26'40	25°25'19	
	-4614 Aug 03 j 19:11	0°♌		
retrograde	-4614 Aug 15 j 05:53	6°♌24'15		
evening set	-4614 Aug 21 j 04:47	3°♌51'51		
	-4614 Aug 24 j 18:16	30°℞♋		
min. Earth dist.	-4614 Aug 25 j 14:46	28°♋54'38	0.66830 AU	
inferior conj	-4614 Aug 26 j 15:34	27°♋34'02	-1°-46'-8	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4614 Aug 26 j 17:58	27°♋26'14	1°45'01
morning rise	-4614 Sep 01 j 07:40	21°♋32'52	
asc. node	-4614 Sep 01 j 01:07	21°♋43'57	
direct	-4614 Sep 04 j 16:39	20°♋26'52	
morning max el	-4614 Sep 12 j 00:34	24°♋39'38	19°35'47
	-4614 Sep 16 j 12:47	0°♌	
greatest brilliancy	-4614 Sep 20 j 18:27	5°♌52'51	-0.7m
morning set	-4614 Oct 06 j 12:29	29°♌54'25	
	-4614 Oct 06 j 13:55	0°♍	
desc. node	-4614 Oct 13 j 22:49	11°♍30'46	
max. Earth dist.	-4614 Oct 19 j 15:05	20°♍28'05	1.44309 AU
superior conj	-4614 Oct 23 j 06:43	26°♍17'26	0°-56'-43
minimum elong	-4614 Oct 23 j 00:29	25°♍52'25	0°55'58
	-4614 Oct 25 j 14:04	0°♎	
evening rise	-4614 Nov 06 j 11:57	19°♎37'09	
	-4614 Nov 12 j 16:36	0°♏	
evening max el	-4614 Nov 25 j 08:02	18°♏24'26	18°23'42
asc. node	-4614 Nov 27 j 23:51	20°♏40'29	
retrograde	-4614 Dec 01 j 22:05	22°♏01'30	
evening set	-4614 Dec 04 j 18:27	21°♏17'32	
inferior conj	-4614 Dec 10 j 21:27	15°♏45'58	3°31'43
minimum elong	-4614 Dec 10 j 18:24	15°♏54'39	3°30'57
min. Earth dist.	-4614 Dec 13 j 01:26	13°♏18'31	0.64013 AU
morning rise	-4614 Dec 16 j 16:55	9°♏43'56	
direct	-4614 Dec 23 j 15:24	6°♏54'58	
morning max el	-4613 Jan 06 j 04:39	14°♏36'59	27°27'43
desc. node	-4613 Jan 09 j 22:44	18°♏37'14	
	-4613 Jan 18 j 19:31	0°♐	
	-4613 Feb 06 j 01:52	0°♑	
morning set	-4613 Feb 10 j 01:40	7°♑40'27	
max. Earth dist.	-4613 Feb 15 j 03:38	17°♑59'57	1.33608 AU
superior conj	-4613 Feb 17 j 23:08	23°♑55'38	0°-58'-36
minimum elong	-4613 Feb 18 j 01:35	24°♑08'40	0°58'23
	-4613 Feb 20 j 19:19	0°♒	
asc. node	-4613 Feb 23 j 22:59	6°♒43'43	
evening rise	-4613 Feb 25 j 05:13	9°♒22'58	
	-4613 Mar 08 j 02:34	0°♓	
evening max el	-4613 Mar 19 j 03:05	14°♓19'59	22°35'49
retrograde	-4613 Apr 01 j 03:49	20°♓42'01	
evening set	-4613 Apr 04 j 06:55	20°♓20'31	
desc. node	-4613 Apr 07 j 21:35	19°♓07'35	
min. Earth dist.	-4613 Apr 12 j 12:09	16°♓44'13	0.55444 AU
inferior conj	-4613 Apr 13 j 13:59	16°♓07'15	-1°-32'-8
minimum elong	-4613 Apr 13 j 09:58	16°♓13'00	1°30'55
morning rise	-4613 Apr 22 j 15:18	12°♓09'56	
direct	-4613 Apr 25 j 04:48	11°♓54'42	
morning max el	-4613 May 06 j 13:38	17°♓14'07	20°55'09
	-4613 May 16 j 09:13	0°♈	
asc. node	-4613 May 22 j 22:46	11°♈57'51	
morning set	-4613 May 25 j 21:37	17°♈54'43	
	-4613 May 31 j 17:34	0°♉	
superior conj	-4613 Jun 02 j 12:08	3°♉39'25	1°30'10
minimum elong	-4613 Jun 02 j 09:29	3°♉25'45	1°30'00
max. Earth dist.	-4613 Jun 06 j 19:05	12°♉18'04	1.35649 AU
evening rise	-4613 Jun 11 j 03:40	20°♉41'57	
	-4613 Jun 16 j 06:21	0°♊	
desc. node	-4613 Jul 04 j 20:10	28°♊56'19	
	-4613 Jul 05 j 15:09	0°♋	
evening max el	-4613 Jul 16 j 16:17	12°♋55'54	26°28'29
retrograde	-4613 Jul 29 j 11:51	20°♋11'54	
evening set	-4613 Aug 05 j 00:30	17°♋27'35	
min. Earth dist.	-4613 Aug 09 j 02:14	13°♋09'02	0.66034 AU
inferior conj	-4613 Aug 10 j 15:27	11°♋15'13	-2°-34'-39
minimum elong	-4613 Aug 10 j 18:44	11°♋05'11	2°33'22
morning rise	-4613 Aug 16 j 13:53	5°♋25'55	
asc. node	-4613 Aug 18 j 22:13	4°♋36'33	
direct	-4613 Aug 19 j 14:27	4°♋33'58	
morning max el	-4613 Aug 26 j 09:36	8°♋22'12	18°46'07
	-4613 Sep 10 j 13:25	0°♌	
morning set	-4613 Sep 16 j 08:53	9°♌17'32	
	-4613 Sep 29 j 09:57	0°♍	
desc. node	-4613 Sep 30 j 19:43	2°♍13'09	
superior conj	-4613 Oct 02 j 08:15	4°♍37'04	0°-9'-35
minimum elong	-4613 Oct 02 j 07:00	4°♍32'08	0°09'20
behind sun begin	-4613 Oct 01 j 21:31	3°♍54'46	
behind sun end	-4613 Oct 02 j 16:28	5°♍09'30	
max. Earth dist.	-4613 Oct 02 j 08:08	4°♍36'39	1.44792 AU
evening rise	-4613 Oct 18 j 08:05	29°♍59'10	
	-4613 Oct 18 j 08:18	0°♎	
	-4613 Nov 07 j 03:36	0°♏	
evening max el	-4613 Nov 08 j 19:10	1°♏49'51	18°56'28
asc. node	-4613 Nov 14 j 20:59	5°♏40'30	
retrograde	-4613 Nov 15 j 16:03	5°♏44'03	
evening set	-4613 Nov 18 j 18:14	4°♏49'12	
	-4613 Nov 23 j 18:58	30°℞♎	
inferior conj	-4613 Nov 24 j 14:05	29°♎01'23	2°55'08
minimum elong	-4613 Nov 24 j 10:54	29°♎11'14	2°54'07
min. Earth dist.	-4613 Nov 26 j 03:49	27°♎04'56	0.65353 AU
morning rise	-4613 Nov 30 j 02:32	22°♎51'27	
direct	-4613 Dec 06 j 15:18	20°♎03'41	
morning max el	-4613 Dec 19 j 14:25	27°♎36'06	26°42'26
	-4613 Dec 21 j 21:32	0°♏	
desc. node	-4613 Dec 27 j 19:44	7°♏03'01	
	-4612 Jan 12 j 11:39	0°♐	
morning set	-4612 Jan 24 j 10:54	21°♐08'54	
	-4612 Jan 28 j 23:45	0°♑	
max. Earth dist.	-4612 Jan 28 j 20:06	29°♐41'45	1.34735 AU
superior conj	-4612 Feb 02 j 00:37	8°♑13'26	-1°-20'-18
minimum elong	-4612 Feb 02 j 03:37	8°♑28'57	1°20'07
evening rise	-4612 Feb 09 j 14:27	24°♑03'06	
asc. node	-4612 Feb 10 j 20:00	26°♑34'59	
	-4612 Feb 12 j 12:38	0°♒	
evening max el	-4612 Feb 29 j 02:58	25°♒22'13	21°07'30
	-4612 Mar 07 j 00:22	0°♓	
retrograde	-4612 Mar 11 j 17:46	0°♓54'39	
evening set	-4612 Mar 14 j 05:06	0°♓40'29	
	-4612 Mar 16 j 16:39	30°℞♒	
inferior conj	-4612 Mar 23 j 09:29	26°♒42'02	0°22'54
minimum elong	-4612 Mar 23 j 10:32	26°♒40'32	0°22'25
min. Earth dist.	-4612 Mar 24 j 02:29	26°♒17'52	0.55221 AU
desc. node	-4612 Mar 24 j 18:44	25°♒54'55	
morning rise	-4612 Apr 01 j 15:09	22°♒33'26	
direct	-4612 Apr 04 j 16:58	22°♒12'44	
morning max el	-4612 Apr 17 j 14:17	28°♒25'36	22°25'41
	-4612 Apr 19 j 04:14	0°♓	
	-4612 May 07 j 23:09	0°♈	
asc. node	-4612 May 08 j 19:43	1°♈45'47	
morning set	-4612 May 09 j 07:54	2°♈48'57	
superior conj	-4612 May 16 j 14:48	18°♈14'05	1°12'40
minimum elong	-4612 May 16 j 12:10	18°♈00'11	1°12'20
max. Earth dist.	-4612 May 19 j 13:42	24°♈24'33	1.34355 AU
	-4612 May 22 j 07:35	0°♉	
evening rise	-4612 May 24 j 13:26	4°♉26'34	
	-4612 Jun 08 j 00:31	0°♊	
desc. node	-4612 Jun 20 j 17:15	18°♊01'30	
evening max el	-4612 Jun 28 j 03:36	26°♊17'21	27°10'48
	-4612 Jul 02 j 11:20	0°♋	
retrograde	-4612 Jul 11 j 12:30	3°♋41'07	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4612 Jul 18 j 11:28	0°♋54'22		
	-4612 Jul 19 j 12:50	30°℞♊		
min. Earth dist.	-4612 Jul 22 j 06:14	27°♊13'38	0.64865 AU	
inferior conj	-4612 Jul 24 j 09:03	24°♊50'34	-3°-17'-36	
minimum elong	-4612 Jul 24 j 12:42	24°♊40'16	3°16'28	
morning rise	-4612 Jul 30 j 15:21	19°♊16'17		
direct	-4612 Aug 02 j 09:51	18°♊35'08		
asc. node	-4612 Aug 04 j 19:18	19°♊05'33		
morning max el	-4612 Aug 08 j 22:42	22°♊07'07	18°13'04	
	-4612 Aug 15 j 01:48	0°♋		
morning set	-4612 Aug 27 j 08:27	19°♋58'53		
	-4612 Sep 02 j 09:33	0°♌		
superior conj	-4612 Sep 10 j 11:34	13°♌05'56	0°38'36	
minimum elong	-4612 Sep 10 j 16:03	13°♌23'48	0°38'13	
max. Earth dist.	-4612 Sep 14 j 01:41	18°♌48'32	1.44555 AU	
desc. node	-4612 Sep 16 j 16:38	22°♌57'01		
	-4612 Sep 21 j 04:29	0°♍		
evening rise	-4612 Sep 27 j 03:35	9°♍17'28		
	-4612 Oct 10 j 15:13	0°♎		
greatest brilliancy	-4612 Oct 14 j 02:37	5°♎05'43	-0.6m	
evening max el	-4612 Oct 22 j 02:23	15°♎16'20	19°45'33	
retrograde	-4612 Oct 29 j 12:40	19°♎35'46		
asc. node	-4612 Oct 31 j 18:08	19°♎06'55		
evening set	-4612 Nov 01 j 22:53	18°♎27'18		
inferior conj	-4612 Nov 07 j 13:22	12°♎26'18	2°10'51	
minimum elong	-4612 Nov 07 j 10:40	12°♎35'09	2°09'51	
min. Earth dist.	-4612 Nov 08 j 14:06	11°♎05'16	0.66342 AU	
morning rise	-4612 Nov 12 j 21:46	6°♎11'15		
direct	-4612 Nov 18 j 20:53	3°♎35'39		
morning max el	-4612 Nov 30 j 23:26	10°♎45'18	25°34'01	
desc. node	-4612 Dec 13 j 16:41	26°♎13'59		
	-4612 Dec 16 j 08:59	0°♏		
	-4611 Jan 04 j 02:21	0°♐		
morning set	-4611 Jan 06 j 04:23	3°♐44'46		
max. Earth dist.	-4611 Jan 10 j 00:49	10°♐53'44	1.36304 AU	
superior conj	-4611 Jan 15 j 17:57	22°♐01'34	-1°-38'-13	
minimum elong	-4611 Jan 15 j 20:50	22°♐15'59	1°38'12	
	-4611 Jan 19 j 16:37	0°♑		
evening rise	-4611 Jan 23 j 19:40	8°♑24'52		
asc. node	-4611 Jan 27 j 17:02	16°♑08'23		
	-4611 Feb 04 j 18:32	0°♒		
evening max el	-4611 Feb 10 j 12:59	6°♒57'34	19°53'42	
retrograde	-4611 Feb 20 j 11:04	11°♒39'21		
evening set	-4611 Feb 22 j 19:14	11°♒24'52		
inferior conj	-4611 Mar 03 j 10:30	7°♒23'34	2°09'17	
minimum elong	-4611 Mar 03 j 15:17	7°♒16'11	2°07'41	
min. Earth dist.	-4611 Mar 05 j 16:47	6°♒00'06	0.55921 AU	
desc. node	-4611 Mar 11 j 15:52	3°♒02'42		
morning rise	-4611 Mar 12 j 08:15	2°♒49'34		
direct	-4611 Mar 16 j 10:58	2°♒12'03		
morning max el	-4611 Mar 30 j 07:03	9°♒07'04	24°04'26	
	-4611 Apr 14 j 14:50	0°♓		
morning set	-4611 Apr 23 j 19:58	17°♓50'53		
asc. node	-4611 Apr 25 j 16:41	21°♓47'25		
	-4611 Apr 29 j 12:11	0°♈		
superior conj	-4611 Apr 30 j 22:29	3°♈05'09	0°51'52	
minimum elong	-4611 Apr 30 j 20:23	2°♈53'50	0°51'29	
max. Earth dist.	-4611 May 02 j 17:52	6°♈57'48	1.33425 AU	
evening rise	-4611 May 08 j 09:49	18°♈44'40		
	-4611 May 14 j 05:35	0°♉		
	-4611 Jun 02 j 07:48	0°♊		
desc. node	-4611 Jun 07 j 14:21	6°♊16'11		
evening max el	-4611 Jun 10 j 13:51	9°♊19'32	27°25'26	
retrograde	-4611 Jun 24 j 07:10	16°♊44'01		

evening set	-4611 Jul 01 j 10:26	14°♊07'23		
min. Earth dist.	-4611 Jul 05 j 00:57	10°♊59'19	0.63321 AU	
inferior conj	-4611 Jul 07 j 17:44	8°♊15'10	-3°-51'-45	
minimum elong	-4611 Jul 07 j 20:55	8°♊07'04	3°51'01	
morning rise	-4611 Jul 14 j 09:24	2°♊59'05		
direct	-4611 Jul 17 j 00:03	2°♊26'05		
asc. node	-4611 Jul 22 j 16:21	5°♊00'55		
morning max el	-4611 Jul 23 j 13:28	5°♊50'18	17°57'48	
	-4611 Aug 08 j 07:19	0°♋		
morning set	-4611 Aug 09 j 08:52	1°♋51'47		
superior conj	-4611 Aug 21 j 12:32	22°♋40'22	1°16'22	
minimum elong	-4611 Aug 21 j 18:21	23°♋04'34	1°16'00	
	-4611 Aug 25 j 23:36	0°♌		
max. Earth dist.	-4611 Aug 27 j 17:09	2°♌47'59	1.43635 AU	
desc. node	-4611 Sep 03 j 13:34	13°♌39'55		
evening rise	-4611 Sep 06 j 08:10	17°♌59'01		
	-4611 Sep 14 j 04:51	0°♍		
greatest brilliancy	-4611 Sep 29 j 08:26	21°♍48'01	-0.5m	
evening max el	-4611 Oct 05 j 03:59	28°♍42'28	20°48'40	
	-4611 Oct 06 j 11:48	0°♎		
retrograde	-4611 Oct 13 j 09:42	3°♎34'21		
evening set	-4611 Oct 17 j 06:14	2°♎09'28		
asc. node	-4611 Oct 18 j 15:17	0°♎58'05		
	-4611 Oct 19 j 13:20	30°℞♍		
inferior conj	-4611 Oct 22 j 17:01	25°♍58'33	1°21'36	
minimum elong	-4611 Oct 22 j 15:12	26°♍04'43	1°20'55	
min. Earth dist.	-4611 Oct 23 j 06:09	25°♍13'52	0.66997 AU	
morning rise	-4611 Oct 27 j 23:45	19°♍41'04		
direct	-4611 Nov 02 j 07:34	17°♍24'19		
morning max el	-4611 Nov 13 j 08:08	23°♍58'48	24°11'55	
	-4611 Nov 18 j 17:08	0°♎		
desc. node	-4611 Nov 30 j 13:38	15°♎57'07		
	-4611 Dec 09 j 19:42	0°♏		
morning set	-4611 Dec 19 j 00:16	15°♏12'05		
max. Earth dist.	-4611 Dec 22 j 22:02	22°♏04'34	1.38228 AU	
	-4611 Dec 27 j 05:57	0°♐		
superior conj	-4611 Dec 29 j 23:35	5°♐10'03	-1°-50'-11	
minimum elong	-4611 Dec 30 j 01:20	5°♐18'25	1°50'20	
evening rise	-4610 Jan 07 j 18:36	22°♐21'56		
	-4610 Jan 11 j 17:06	0°♑		
asc. node	-4610 Jan 14 j 14:06	5°♑17'28		
evening max el	-4610 Jan 24 j 09:08	19°♑07'46	18°58'39	
retrograde	-4610 Feb 01 j 19:37	23°♑10'35		
evening set	-4610 Feb 04 j 05:29	22°♑52'09		
inferior conj	-4610 Feb 12 j 04:11	18°♑35'06	3°22'39	
minimum elong	-4610 Feb 12 j 08:40	18°♑27'08	3°21'34	
min. Earth dist.	-4610 Feb 15 j 08:01	16°♑21'27	0.57369 AU	
morning rise	-4610 Feb 20 j 08:10	13°♑32'01		
direct	-4610 Feb 25 j 16:53	12°♑23'44		
desc. node	-4610 Feb 26 j 13:00	12°♑25'25		
morning max el	-4610 Mar 11 j 22:02	19°♑44'11	25°38'13	
	-4610 Mar 20 j 15:10	0°♒		
	-4610 Apr 06 j 22:39	0°♓		
morning set	-4610 Apr 08 j 08:05	2°♓53'46		
asc. node	-4610 Apr 12 j 13:37	11°♓57'17		
superior conj	-4610 Apr 15 j 09:04	18°♓04'51	0°28'50	
minimum elong	-4610 Apr 15 j 07:50	17°♓58'06	0°28'30	
max. Earth dist.	-4610 Apr 16 j 04:32	19°♓50'54	1.32847 AU	
	-4610 Apr 20 j 22:07	0°♈		
evening rise	-4610 Apr 22 j 13:25	3°♈24'29		
	-4610 May 07 j 01:20	0°♉		
evening max el	-4610 May 23 j 20:15	21°♉48'07	27°07'58	
desc. node	-4610 May 25 j 11:31	23°♉18'04		
retrograde	-4610 Jun 06 j 18:59	29°♉10'40		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4610 Jun 13 j 17:24	26°♉57'56		
min. Earth dist.	-4610 Jun 17 j 09:39	24°♉11'16	0.61454 AU	
inferior conj	-4610 Jun 20 j 14:12	21°♉20'14	-4°-12'-9	
minimum elong	-4610 Jun 20 j 15:42	21°♉16'52	4°11'54	
morning rise	-4610 Jun 27 j 16:48	16°♉25'09		
direct	-4610 Jun 30 j 05:18	15°♉58'25		
morning max el	-4610 Jul 07 j 03:10	19°♉24'31	18°01'09	
asc. node	-4610 Jul 09 j 13:22	22°♉06'05		
	-4610 Jul 14 j 22:16	0°♊		
morning set	-4610 Jul 23 j 04:34	14°♊40'19		
	-4610 Jul 31 j 15:46	0°♋		
superior conj	-4610 Aug 02 j 17:13	3°♋37'28	1°39'23	
minimum elong	-4610 Aug 02 j 20:57	3°♋53'45	1°39'22	
max. Earth dist.	-4610 Aug 10 j 03:35	16°♋15'58	1.42147 AU	
evening rise	-4610 Aug 16 j 17:01	26°♋54'02		
	-4610 Aug 18 j 16:10	0°♌		
desc. node	-4610 Aug 21 j 10:32	4°♌18'11		
	-4610 Sep 08 j 00:41	0°♍		
greatest brilliancy	-4610 Sep 13 j 04:30	6°♍42'04	-0.4m	
evening max el	-4610 Sep 17 j 23:15	12°♍07'12	22°02'41	
retrograde	-4610 Sep 27 j 05:26	17°♍37'09		
evening set	-4610 Oct 01 j 14:21	15°♍53'32		
asc. node	-4610 Oct 05 j 12:25	11°♍34'09		
inferior conj	-4610 Oct 06 j 23:01	9°♍36'07	0°29'28	
minimum elong	-4610 Oct 06 j 22:20	9°♍38'28	0°29'16	
min. Earth dist.	-4610 Oct 07 j 01:35	9°♍27'15	0.67338 AU	
morning rise	-4610 Oct 12 j 06:08	3°♍19'03		
direct	-4610 Oct 16 j 22:45	1°♍23'42		
morning max el	-4610 Oct 26 j 18:54	7°♍15'53	22°45'39	
greatest brilliancy	-4610 Oct 31 j 13:19	12°♍37'45	-0.3m	
	-4610 Nov 13 j 08:26	0°♎		
desc. node	-4610 Nov 17 j 10:34	6°♎03'05		
morning set	-4610 Nov 29 j 16:59	25°♎18'07		
	-4610 Dec 02 j 13:00	0°♏		
max. Earth dist.	-4610 Dec 04 j 19:02	3°♏48'27	1.40289 AU	
superior conj	-4610 Dec 12 j 12:50	17°♏26'27	-1°-53'-16	
minimum elong	-4610 Dec 12 j 12:07	17°♏23'11	1°53'26	
	-4610 Dec 19 j 07:08	0°♐		
evening rise	-4610 Dec 22 j 08:26	5°♐47'28		
asc. node	-4609 Jan 01 j 11:12	23°♐54'09		
	-4609 Jan 05 j 21:20	0°♑		
evening max el	-4609 Jan 07 j 13:31	1°♑47'30	18°23'40	
retrograde	-4609 Jan 14 j 22:50	5°♑26'27		
evening set	-4609 Jan 17 j 10:58	5°♑02'26		
inferior conj	-4609 Jan 24 j 18:19	0°♑24'32	3°58'29	
minimum elong	-4609 Jan 24 j 20:07	0°♑20'49	3°58'07	
	-4609 Jan 25 j 06:08	30°℞♐		
min. Earth dist.	-4609 Jan 28 j 03:01	27°♐38'56	0.59251 AU	
morning rise	-4609 Feb 01 j 01:59	24°♐57'36		
direct	-4609 Feb 07 j 11:21	23°♐10'24		
desc. node	-4609 Feb 13 j 10:07	24°♐37'56		
	-4609 Feb 20 j 22:14	0°♑		
morning max el	-4609 Feb 21 j 17:00	0°♑44'38	26°51'51	
	-4609 Mar 14 j 13:46	0°♒		
morning set	-4609 Mar 23 j 18:33	17°♒51'14		
	-4609 Mar 29 j 10:36	0°♓		
asc. node	-4609 Mar 30 j 10:37	2°♓11'16		
superior conj	-4609 Mar 30 j 20:50	3°♓07'08	0°04'27	
minimum elong	-4609 Mar 30 j 20:38	3°♓06'05	0°04'17	
behind sun begin	-4609 Mar 30 j 15:48	2°♓39'39		
behind sun end	-4609 Mar 31 j 01:28	3°♓32'32		
max. Earth dist.	-4609 Mar 30 j 18:00	2°♓51'37	1.32603 AU	
evening rise	-4609 Apr 06 j 21:44	18°♓17'23		
	-4609 Apr 12 j 18:15	0°♈		
	-4609 May 02 j 10:08	0°♉		
evening max el	-4609 May 05 j 20:43	3°♉35'10	26°18'10	
desc. node	-4609 May 12 j 08:40	8°♉37'20		
retrograde	-4609 May 19 j 22:49	10°♉53'54		
evening set	-4609 May 26 j 04:30	9°♉16'29		
min. Earth dist.	-4609 May 30 j 09:37	6°♉34'36	0.59418 AU	
inferior conj	-4609 Jun 02 j 18:49	3°♉56'51	-4°-11'-26	
minimum elong	-4609 Jun 02 j 17:20	3°♉59'46	4°11'16	
	-4609 Jun 08 j 18:55	30°℞♈		
morning rise	-4609 Jun 10 j 09:55	29°♈23'58		
direct	-4609 Jun 12 j 21:16	29°♈02'20		
	-4609 Jun 16 j 19:25	0°♉		
morning max el	-4609 Jun 20 j 12:57	2°♉42'05	18°23'56	
asc. node	-4609 Jun 26 j 10:23	10°♉06'11		
morning set	-4609 Jul 06 j 14:34	28°♉11'44		
	-4609 Jul 07 j 13:14	0°♊		
superior conj	-4609 Jul 15 j 22:18	15°♊48'03	1°48'47	
minimum elong	-4609 Jul 15 j 23:13	15°♊52'18	1°48'59	
max. Earth dist.	-4609 Jul 23 j 07:48	28°♊59'15	1.40301 AU	
	-4609 Jul 23 j 21:55	0°♋		
evening rise	-4609 Jul 27 j 23:08	6°♋49'59		
desc. node	-4609 Aug 08 j 07:33	24°♋47'53		
	-4609 Aug 11 j 19:20	0°♌		
evening max el	-4609 Aug 31 j 13:09	25°♌32'14	23°22'53	
	-4609 Sep 05 j 21:54	0°♍		
retrograde	-4609 Sep 10 j 22:26	1°♍41'14		
	-4609 Sep 15 j 10:26	30°℞♌		
evening set	-4609 Sep 15 j 21:28	29°♌37'48		
inferior conj	-4609 Sep 21 j 05:36	23°♌17'27	0°-23'-48	
minimum elong	-4609 Sep 21 j 06:09	23°♌15'35	0°23'26	
min. Earth dist.	-4609 Sep 20 j 21:59	23°♌43'37	0.67381 AU	
asc. node	-4609 Sep 22 j 09:33	21°♌42'23		
morning rise	-4609 Sep 26 j 14:53	17°♌03'49		
direct	-4609 Sep 30 j 17:37	15°♌29'27		
morning max el	-4609 Oct 09 j 10:38	20°♌38'39	21°23'23	
greatest brilliancy	-4609 Oct 14 j 17:34	26°♌46'27	-0.4m	
	-4609 Oct 17 j 04:55	0°♍		
desc. node	-4609 Nov 04 j 07:29	26°♍24'58		
	-4609 Nov 06 j 15:07	0°♎		
morning set	-4609 Nov 09 j 06:12	4°♎06'46		
max. Earth dist.	-4609 Nov 16 j 21:23	16°♎22'47	1.42208 AU	
superior conj	-4609 Nov 24 j 04:03	28°♎36'28	-1°-43'-51	
minimum elong	-4609 Nov 23 j 23:49	28°♎18'16	1°43'42	
	-4609 Nov 24 j 23:26	0°♏		
evening rise	-4609 Dec 05 j 09:36	18°♏33'00		
	-4609 Dec 11 j 18:49	0°♐		
asc. node	-4609 Dec 19 j 08:19	11°♐47'43		
evening max el	-4609 Dec 21 j 23:23	14°♐48'19	18°08'37	
retrograde	-4609 Dec 28 j 18:02	18°♐17'16		
evening set	-4609 Dec 31 j 08:40	17°♐46'33		
inferior conj	-4608 Jan 07 j 03:08	12°♐46'50	4°03'54	
minimum elong	-4608 Jan 07 j 02:14	12°♐48'58	4°03'40	
min. Earth dist.	-4608 Jan 10 j 04:49	9°♐52'42	0.61247 AU	
morning rise	-4608 Jan 13 j 17:20	7°♐03'02		
direct	-4608 Jan 20 j 16:25	4°♐40'55		
desc. node	-4608 Jan 31 j 07:12	9°♐17'40		
morning max el	-4608 Feb 03 j 18:02	12°♐22'12	27°33'57	
	-4608 Feb 17 j 18:30	0°♑		
	-4608 Mar 05 j 18:54	0°♒		
morning set	-4608 Mar 07 j 01:23	2°♒35'10		
max. Earth dist.	-4608 Mar 13 j 06:21	15°♒45'12	1.32695 AU	
superior conj	-4608 Mar 14 j 08:03	18°♒05'01	0°-20'-29	
minimum elong	-4608 Mar 14 j 08:58	18°♒10'01	0°20'28	
asc. node	-4608 Mar 16 j 07:37	22°♒24'24		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4608 Mar 19 j 19:50	0°♓	
evening rise	-4608 Mar 21 j 08:35	3°♓14'57	
	-4608 Apr 04 j 21:41	0°♈	
evening max el	-4608 Apr 16 j 15:23	14°♈43'24	25°01'47
desc. node	-4608 Apr 28 j 05:50	21°♈37'33	
retrograde	-4608 Apr 30 j 16:28	21°♈51'32	
evening set	-4608 May 05 j 18:13	20°♈52'09	
min. Earth dist.	-4608 May 11 j 03:47	17°♈58'41	0.57478 AU
inferior conj	-4608 May 14 j 04:22	15°♈56'23	-3°-39'-57
minimum elong	-4608 May 13 j 23:38	16°♈04'24	3°39'05
morning rise	-4608 May 22 j 09:16	11°♈43'36	
direct	-4608 May 24 j 19:55	11°♈26'01	
morning max el	-4608 Jun 02 j 15:55	15°♈33'43	19°06'52
asc. node	-4608 Jun 12 j 07:24	28°♈48'37	
	-4608 Jun 12 j 23:38	0°♉	
morning set	-4608 Jun 19 j 10:56	12°♉16'31	
superior conj	-4608 Jun 27 j 22:01	28°♉56'14	1°47'27
minimum elong	-4608 Jun 27 j 20:48	28°♉50'24	1°47'37
	-4608 Jun 28 j 11:16	0°♊	
max. Earth dist.	-4608 Jul 04 j 09:07	11°♊03'06	1.38358 AU
evening rise	-4608 Jul 08 j 07:45	18°♊04'07	
	-4608 Jul 15 j 10:07	0°♋	
desc. node	-4608 Jul 25 j 04:34	15°♋04'08	
	-4608 Aug 05 j 02:21	0°♌	
evening max el	-4608 Aug 13 j 00:16	9°♌00'35	24°42'44
retrograde	-4608 Aug 24 j 11:40	15°♌43'08	
evening set	-4608 Aug 30 j 01:44	13°♌20'41	
min. Earth dist.	-4608 Sep 03 j 16:51	8°♌01'39	0.67122 AU
inferior conj	-4608 Sep 04 j 11:02	7°♌00'58	-1°-16'-35
minimum elong	-4608 Sep 04 j 12:48	6°♌55'05	1°15'42
asc. node	-4608 Sep 08 j 06:40	2°♌22'41	
morning rise	-4608 Sep 10 j 00:10	0°♌54'04	
	-4608 Sep 11 j 16:25	30°℞♋	
direct	-4608 Sep 13 j 15:01	29°♋38'28	
	-4608 Sep 15 j 15:21	0°♌	
morning max el	-4608 Sep 21 j 09:16	4°♌09'40	20°11'10
greatest brilliancy	-4608 Sep 28 j 10:26	12°♌48'44	-0.6m
	-4608 Oct 10 j 04:01	0°♍	
morning set	-4608 Oct 18 j 04:56	12°♍20'05	
desc. node	-4608 Oct 21 j 04:24	16°♍58'01	
	-4608 Oct 29 j 10:22	0°♎	
max. Earth dist.	-4608 Oct 29 j 07:08	29°♍47'05	1.43716 AU
superior conj	-4608 Nov 03 j 16:25	8°♎30'06	-1°-18'-39
minimum elong	-4608 Nov 03 j 09:41	8°♎02'36	1°18'01
	-4608 Nov 16 j 10:45	0°♏	
evening rise	-4608 Nov 16 j 17:45	0°♏30'12	
evening max el	-4608 Dec 04 j 11:55	28°♏03'27	18°12'52
asc. node	-4608 Dec 05 j 05:25	28°♏45'48	
	-4608 Dec 06 j 17:44	0°♐	
retrograde	-4608 Dec 11 j 01:10	1°♐34'14	
evening set	-4608 Dec 13 j 19:08	0°♐55'31	
	-4608 Dec 15 j 09:16	30°℞♏	
inferior conj	-4608 Dec 20 j 03:09	25°♏35'01	3°47'51
minimum elong	-4608 Dec 20 j 00:34	25°♏41'55	3°47'17
min. Earth dist.	-4608 Dec 22 j 15:38	22°♏53'32	0.63096 AU
morning rise	-4608 Dec 26 j 04:16	19°♏38'59	
direct	-4607 Jan 02 j 05:47	16°♏55'16	
morning max el	-4607 Jan 16 j 00:18	24°♏38'17	27°39'56
desc. node	-4607 Jan 17 j 04:16	25°♏48'57	
	-4607 Jan 20 j 22:33	0°♐	
	-4607 Feb 10 j 02:37	0°♑	
morning set	-4607 Feb 19 j 02:16	16°♑57'30	
max. Earth dist.	-4607 Feb 24 j 13:50	28°♑18'26	1.33160 AU
	-4607 Feb 25 j 08:54	0°♒	

superior conj	-4607 Feb 26 j 17:03	2°♒52'24	0°-45'-3
minimum elong	-4607 Feb 26 j 19:00	3°♒02'55	0°44'52
asc. node	-4607 Mar 03 j 04:38	12°♒32'32	
evening rise	-4607 Mar 05 j 20:11	18°♒10'40	
	-4607 Mar 11 j 17:22	0°♓	
evening max el	-4607 Mar 29 j 07:33	25°♓29'04	23°30'02
	-4607 Apr 04 j 05:03	0°♈	
retrograde	-4607 Apr 11 j 21:11	2°♈12'19	
desc. node	-4607 Apr 15 j 03:00	1°♈49'09	
evening set	-4607 Apr 15 j 15:29	1°♈41'17	
	-4607 Apr 19 j 21:42	30°℞♓	
min. Earth dist.	-4607 Apr 22 j 18:54	28°♓24'20	0.55980 AU
inferior conj	-4607 Apr 24 j 18:00	27°♓14'02	-2°-29'-35
minimum elong	-4607 Apr 24 j 12:26	27°♓22'23	2°28'03
morning rise	-4607 May 03 j 12:44	23°♓14'32	
direct	-4607 May 06 j 00:05	22°♓59'15	
morning max el	-4607 May 16 j 09:21	27°♓49'20	20°10'08
	-4607 May 18 j 12:27	0°♈	
asc. node	-4607 May 30 j 04:23	18°♈02'48	
morning set	-4607 Jun 03 j 14:34	26°♈46'11	
	-4607 Jun 05 j 04:40	0°♉	
superior conj	-4607 Jun 11 j 11:11	12°♉46'57	1°38'12
minimum elong	-4607 Jun 11 j 08:48	12°♉34'59	1°38'10
max. Earth dist.	-4607 Jun 16 j 13:48	22°♉49'48	1.36558 AU
	-4607 Jun 20 j 09:28	0°♊	
evening rise	-4607 Jun 20 j 15:39	0°♊28'20	
	-4607 Jul 08 j 13:56	0°♋	
desc. node	-4607 Jul 12 j 01:36	5°♋00'17	
evening max el	-4607 Jul 26 j 10:59	22°♋31'21	25°54'19
retrograde	-4607 Aug 07 j 20:13	29°♋37'31	
evening set	-4607 Aug 14 j 01:11	26°♋59'28	
min. Earth dist.	-4607 Aug 18 j 07:41	22°♋18'24	0.66539 AU
inferior conj	-4607 Aug 19 j 13:30	20°♋43'45	-2°-7'-13
minimum elong	-4607 Aug 19 j 16:19	20°♋34'47	2°06'00
morning rise	-4607 Aug 25 j 08:05	14°♋47'00	
asc. node	-4607 Aug 26 j 03:46	14°♋20'23	
direct	-4607 Aug 28 j 13:17	13°♋47'13	
morning max el	-4607 Sep 04 j 14:50	17°♋48'17	19°12'39
	-4607 Sep 13 j 21:52	0°♌	
morning set	-4607 Sep 27 j 12:15	21°♌04'00	
	-4607 Oct 03 j 04:49	0°♍	
desc. node	-4607 Oct 08 j 01:17	7°♍37'37	
max. Earth dist.	-4607 Oct 11 j 22:46	13°♍46'07	1.44611 AU
superior conj	-4607 Oct 14 j 02:58	17°♍12'42	0°-37'-41
minimum elong	-4607 Oct 13 j 22:18	16°♍54'13	0°37'04
	-4607 Oct 22 j 02:54	0°♎	
evening rise	-4607 Oct 29 j 04:04	11°♎28'53	
	-4607 Nov 09 j 13:21	0°♏	
evening max el	-4607 Nov 18 j 00:17	11°♏26'20	18°35'34
asc. node	-4607 Nov 22 j 02:32	14°♏33'19	
retrograde	-4607 Nov 24 j 16:13	15°♏09'14	
evening set	-4607 Nov 27 j 14:56	14°♏20'46	
inferior conj	-4607 Dec 03 j 14:39	8°♏41'52	3°17'19
minimum elong	-4607 Dec 03 j 11:26	8°♏51'20	3°16'24
min. Earth dist.	-4607 Dec 05 j 12:24	6°♏27'03	0.64634 AU
morning rise	-4607 Dec 09 j 06:45	2°♏36'26	
	-4607 Dec 14 j 02:52	30°℞♎	
direct	-4607 Dec 16 j 01:51	29°♎46'33	
	-4607 Dec 18 j 02:31	0°♏	
morning max el	-4607 Dec 29 j 09:29	7°♏24'54	27°11'49
desc. node	-4606 Jan 04 j 01:18	13°♏39'54	
	-4606 Jan 15 j 22:58	0°♐	
	-4606 Feb 02 j 08:11	0°♑	
morning set	-4606 Feb 02 j 18:17	0°♑49'00	
max. Earth dist.	-4606 Feb 07 j 12:50	10°♑21'30	1.34034 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4606 Feb 10 j 21:55	17°♋23'13	-1°-8'-9
minimum elong	-4606 Feb 11 j 00:40	17°♋37'40	1°07'56
	-4606 Feb 16 j 20:45	0°♒	
evening rise	-4606 Feb 18 j 06:50	2°♒58'42	
asc. node	-4606 Feb 18 j 01:38	2°♒31'35	
	-4606 Mar 05 j 14:34	0°♓	
evening max el	-4606 Mar 11 j 02:58	6°♓18'17	21°56'55
retrograde	-4606 Mar 23 j 14:20	12°♓20'03	
evening set	-4606 Mar 26 j 09:15	12°♓02'46	
desc. node	-4606 Apr 02 j 00:10	9°♓27'24	
inferior conj	-4606 Apr 04 j 16:50	7°♓58'05	0°-44'-26
minimum elong	-4606 Apr 04 j 14:46	8°♓00'59	0°43'50
min. Earth dist.	-4606 Apr 04 j 08:56	8°♓09'12	0.55233 AU
morning rise	-4606 Apr 13 j 21:20	3°♓58'30	
direct	-4606 Apr 16 j 14:48	3°♓41'52	
morning max el	-4606 Apr 28 j 15:56	9°♓23'55	21°32'05
	-4606 May 13 j 02:34	0°♈	
asc. node	-4606 May 17 j 01:22	7°♈40'49	
morning set	-4606 May 18 j 23:03	11°♈34'01	
superior conj	-4606 May 26 j 09:52	27°♈08'56	1°23'14
minimum elong	-4606 May 26 j 07:08	26°♈54'47	1°22'59
	-4606 May 27 j 18:56	0°♉	
max. Earth dist.	-4606 May 30 j 02:56	4°♉45'15	1.35054 AU
evening rise	-4606 Jun 03 j 17:27	13°♉48'09	
	-4606 Jun 12 j 17:01	0°♊	
desc. node	-4606 Jun 28 j 22:40	24°♊27'46	
	-4606 Jul 03 j 09:16	0°♋	
evening max el	-4606 Jul 08 j 22:14	5°♋59'13	26°49'23
retrograde	-4606 Jul 21 j 23:46	13°♋18'48	
evening set	-4606 Jul 28 j 17:32	10°♋32'03	
min. Earth dist.	-4606 Aug 01 j 16:07	6°♋30'04	0.65595 AU
inferior conj	-4606 Aug 03 j 11:01	4°♋23'16	-2°-53'-42
minimum elong	-4606 Aug 03 j 14:32	4°♋12'51	2°52'25
	-4606 Aug 07 j 14:33	30°℞♊	
morning rise	-4606 Aug 09 j 12:37	28°♊40'03	
direct	-4606 Aug 12 j 10:26	27°♊52'56	
asc. node	-4606 Aug 13 j 00:51	27°♊54'56	
	-4606 Aug 17 j 09:23	0°♋	
morning max el	-4606 Aug 19 j 01:54	1°♋32'46	18°29'56
	-4606 Sep 07 j 05:09	0°♌	
morning set	-4606 Sep 07 j 20:05	1°♌00'46	
superior conj	-4606 Sep 23 j 02:15	25°♌27'37	0°11'33
minimum elong	-4606 Sep 23 j 03:45	25°♌33'34	0°11'30
behind sun begin	-4606 Sep 22 j 19:38	25°♌01'31	
behind sun end	-4606 Sep 23 j 11:52	26°♌05'37	
max. Earth dist.	-4606 Sep 24 j 16:58	28°♌00'28	1.44789 AU
desc. node	-4606 Sep 24 j 22:09	28°♌20'53	
	-4606 Sep 25 j 23:18	0°♍	
evening rise	-4606 Oct 09 j 13:22	21°♍23'07	
	-4606 Oct 15 j 00:32	0°♎	
greatest brilliancy	-4606 Oct 21 j 13:12	10°♎09'50	-0.7m
evening max el	-4606 Nov 01 j 09:58	24°♎52'19	19°15'26
retrograde	-4606 Nov 08 j 11:42	28°♎56'20	
asc. node	-4606 Nov 08 j 23:40	28°♎54'54	
evening set	-4606 Nov 11 j 17:05	27°♎55'52	
inferior conj	-4606 Nov 17 j 10:26	22°♎01'44	2°37'04
minimum elong	-4606 Nov 17 j 07:23	22°♎11'25	2°36'02
min. Earth dist.	-4606 Nov 18 j 18:20	20°♎20'24	0.65817 AU
morning rise	-4606 Nov 22 j 20:50	15°♎49'19	
direct	-4606 Nov 29 j 03:59	13°♎06'01	
morning max el	-4606 Dec 11 j 19:13	20°♎30'04	26°15'40
	-4606 Dec 20 j 01:14	0°♏	
desc. node	-4606 Dec 21 j 22:15	2°♏26'42	
	-4605 Jan 09 j 01:43	0°♐	
morning set	-4605 Jan 16 j 21:27	13°♐56'48	
max. Earth dist.	-4605 Jan 21 j 00:33	21°♐50'23	1.35351 AU
	-4605 Jan 25 j 02:45	0°♑	
superior conj	-4605 Jan 25 j 20:17	1°♑29'14	-1°-28'-29
minimum elong	-4605 Jan 25 j 23:20	1°♑44'50	1°28'22
evening rise	-4605 Feb 02 j 14:37	17°♑31'57	
asc. node	-4605 Feb 04 j 22:39	22°♑16'05	
	-4605 Feb 08 j 23:05	0°♒	
evening max el	-4605 Feb 21 j 06:48	17°♒32'55	20°33'57
retrograde	-4605 Mar 04 j 04:27	22°♒43'41	
evening set	-4605 Mar 06 j 13:20	22°♒29'59	
inferior conj	-4605 Mar 15 j 12:55	18°♒31'54	1°11'01
minimum elong	-4605 Mar 15 j 15:59	18°♒27'25	1°09'49
min. Earth dist.	-4605 Mar 16 j 22:58	17°♒42'16	0.55406 AU
desc. node	-4605 Mar 19 j 21:21	16°♒05'45	
morning rise	-4605 Mar 24 j 16:47	14°♒14'01	
direct	-4605 Mar 28 j 03:39	13°♒48'04	
morning max el	-4605 Apr 10 j 12:46	20°♒20'30	23°07'30
	-4605 Apr 18 j 15:27	0°♓	
morning set	-4605 May 03 j 10:18	26°♓32'18	
asc. node	-4605 May 03 j 22:19	27°♓35'13	
	-4605 May 05 j 01:46	0°♈	
superior conj	-4605 May 10 j 14:57	11°♈51'30	1°04'12
minimum elong	-4605 May 10 j 12:30	11°♈38'25	1°03'49
max. Earth dist.	-4605 May 13 j 01:49	17°♈02'51	1.33910 AU
evening rise	-4605 May 18 j 08:10	27°♈48'04	
	-4605 May 19 j 11:01	0°♉	
	-4605 Jun 05 j 22:35	0°♊	
desc. node	-4605 Jun 15 j 19:47	13°♊13'42	
evening max el	-4605 Jun 21 j 09:09	19°♊13'12	27°20'38
retrograde	-4605 Jul 04 j 21:59	26°♊38'15	
evening set	-4605 Jul 11 j 23:51	23°♊53'44	
min. Earth dist.	-4605 Jul 15 j 16:11	20°♊28'14	0.64255 AU
inferior conj	-4605 Jul 18 j 01:09	17°♊54'35	-3°-33'-26
minimum elong	-4605 Jul 18 j 04:44	17°♊44'54	3°32'25
morning rise	-4605 Jul 24 j 11:17	12°♊28'01	
direct	-4605 Jul 27 j 03:53	11°♊50'41	
asc. node	-4605 Jul 30 j 21:55	13°♊02'27	
morning max el	-4605 Aug 02 j 16:07	15°♊18'09	18°04'25
	-4605 Aug 13 j 01:13	0°♋	
morning set	-4605 Aug 20 j 06:51	12°♋14'27	
	-4605 Aug 30 j 21:17	0°♌	
superior conj	-4605 Sep 02 j 13:13	4°♌20'37	0°56'19
minimum elong	-4605 Sep 02 j 18:52	4°♌43'28	0°55'51
max. Earth dist.	-4605 Sep 07 j 10:01	12°♌09'39	1.44241 AU
desc. node	-4605 Sep 11 j 19:04	19°♌05'01	
	-4605 Sep 18 j 19:11	0°♍	
evening rise	-4605 Sep 19 j 00:44	0°♍21'27	
greatest brilliancy	-4605 Oct 08 j 17:00	29°♍47'28	-0.6m
	-4605 Oct 08 j 20:39	0°♎	
evening max el	-4605 Oct 15 j 14:53	8°♎18'56	20°10'46
retrograde	-4605 Oct 23 j 08:55	12°♎51'51	
evening set	-4605 Oct 26 j 23:09	11°♎36'47	
asc. node	-4605 Oct 26 j 20:49	11°♎40'50	
inferior conj	-4605 Nov 01 j 11:52	5°♎30'57	1°50'26
minimum elong	-4605 Nov 01 j 09:30	5°♎38'50	1°49'33
min. Earth dist.	-4605 Nov 02 j 07:29	4°♎25'22	0.66656 AU
	-4605 Nov 05 j 23:51	30°℞♍	
morning rise	-4605 Nov 06 j 19:16	29°♍14'15	
direct	-4605 Nov 12 j 11:50	26°♍46'12	
	-4605 Nov 20 j 00:36	0°♎	
morning max el	-4605 Nov 24 j 04:11	3°♎42'59	25°00'11
desc. node	-4605 Dec 08 j 19:11	21°♎52'59	
	-4605 Dec 14 j 08:31	0°♏	
morning set	-4605 Dec 30 j 06:34	26°♏06'15	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4604 Jan 01 j 10:32	0°♐		
max. Earth dist.	-4604 Jan 03 j 01:20	2°♐57'59	1.37086 AU	
superior conj	-4604 Jan 09 j 09:08	15°♐02'00	-1°-44'-11	
minimum elong	-4604 Jan 09 j 11:41	15°♐14'32	1°44'15	
	-4604 Jan 16 j 20:43	0°♑		
evening rise	-4604 Jan 17 j 17:30	1°♑44'19		
asc. node	-4604 Jan 22 j 19:43	11°♑40'19		
evening max el	-4604 Feb 03 j 21:16	29°♑23'33	19°27'52	
	-4604 Feb 04 j 13:09	0°♒		
retrograde	-4604 Feb 13 j 03:27	3°♒47'13		
evening set	-4604 Feb 15 j 11:49	3°♒31'31		
	-4604 Feb 22 j 22:23	30°℞♑		
inferior conj	-4604 Feb 23 j 20:08	29°♑24'42	2°45'07	
minimum elong	-4604 Feb 24 j 01:15	29°♑16'19	2°43'36	
min. Earth dist.	-4604 Feb 26 j 13:47	27°♑37'59	0.56458 AU	
morning rise	-4604 Mar 03 j 11:03	24°♑37'36		
desc. node	-4604 Mar 05 j 18:30	24°♑01'06		
direct	-4604 Mar 08 j 02:22	23°♑48'34		
	-4604 Mar 21 j 03:32	0°♒		
morning max el	-4604 Mar 22 j 04:08	0°♒57'10	24°45'50	
	-4604 Apr 11 j 04:10	0°♓		
morning set	-4604 Apr 16 j 22:35	11°♓35'03		
asc. node	-4604 Apr 19 j 19:18	17°♓40'50		
superior conj	-4604 Apr 24 j 00:06	26°♓46'59	0°42'20	
minimum elong	-4604 Apr 23 j 22:20	26°♓37'25	0°41'56	
	-4604 Apr 25 j 11:49	0°♈		
max. Earth dist.	-4604 Apr 25 j 08:52	29°♓44'06	1.33133 AU	
evening rise	-4604 May 01 j 07:57	12°♈16'15		
	-4604 May 10 j 15:59	0°♉		
	-4604 May 31 j 17:28	0°♊		
desc. node	-4604 Jun 01 j 16:57	1°♊00'23		
evening max el	-4604 Jun 02 j 17:53	2°♊01'36	27°22'03	
retrograde	-4604 Jun 16 j 14:10	9°♊26'24		
evening set	-4604 Jun 23 j 16:32	6°♊58'09		
min. Earth dist.	-4604 Jun 27 j 06:41	4°♊00'54	0.62552 AU	
inferior conj	-4604 Jun 30 j 05:01	1°♊11'25	-4°-2'-31	
minimum elong	-4604 Jun 30 j 07:40	1°♊05'03	4°02'00	
	-4604 Jul 01 j 11:00	30°℞♉		
morning rise	-4604 Jul 07 j 01:10	26°♉04'09		
direct	-4604 Jul 09 j 14:35	25°♉34'10		
morning max el	-4604 Jul 16 j 06:47	28°♉58'15	17°56'55	
asc. node	-4604 Jul 16 j 18:58	29°♉29'07		
	-4604 Jul 17 j 06:30	0°♊		
morning set	-4604 Aug 01 j 16:06	24°♊32'20		
	-4604 Aug 04 j 17:41	0°♋		
superior conj	-4604 Aug 13 j 01:58	14°♋30'09	1°27'57	
minimum elong	-4604 Aug 13 j 07:08	14°♋52'07	1°27'43	
max. Earth dist.	-4604 Aug 19 j 22:57	25°♋55'15	1.43053 AU	
	-4604 Aug 22 j 11:32	0°♌		
evening rise	-4604 Aug 28 j 04:27	9°♌01'22		
desc. node	-4604 Aug 28 j 16:02	9°♌46'29		
	-4604 Sep 11 j 01:10	0°♍		
greatest brilliancy	-4604 Sep 22 j 08:01	15°♍39'45	-0.4m	
evening max el	-4604 Sep 27 j 13:47	21°♍44'36	21°19'05	
retrograde	-4604 Oct 06 j 05:36	26°♍52'33		
evening set	-4604 Oct 10 j 07:03	25°♍20'10		
asc. node	-4604 Oct 12 j 17:58	22°♍56'19		
inferior conj	-4604 Oct 15 j 16:46	19°♍06'08	0°59'45	
minimum elong	-4604 Oct 15 j 15:24	19°♍10'47	0°59'16	
min. Earth dist.	-4604 Oct 16 j 01:23	18°♍36'29	0.67178 AU	
morning rise	-4604 Oct 20 j 23:24	12°♍48'13		
direct	-4604 Oct 26 j 00:41	10°♍40'13		
morning max el	-4604 Nov 05 j 13:18	16°♍57'41	23°35'06	
	-4604 Nov 16 j 08:17	0°♎		
desc. node	-4604 Nov 24 j 16:06	11°♎46'51		
	-4604 Dec 06 j 10:03	0°♏		
morning set	-4604 Dec 10 j 15:27	7°♏00'18		
max. Earth dist.	-4604 Dec 14 j 20:57	14°♏16'54	1.39105 AU	
superior conj	-4604 Dec 22 j 08:26	27°♏50'05	-1°-52'-48	
minimum elong	-4604 Dec 22 j 09:18	27°♏54'10	1°52'59	
	-4604 Dec 23 j 12:05	0°♐		
evening rise	-4604 Dec 31 j 12:55	15°♐28'33		
	-4603 Jan 08 j 08:11	0°♑		
asc. node	-4603 Jan 08 j 16:47	0°♑36'41		
evening max el	-4603 Jan 16 j 21:17	11°♑47'32	18°41'19	
retrograde	-4603 Jan 24 j 19:33	15°♑37'54		
evening set	-4603 Jan 27 j 06:27	15°♑17'14		
inferior conj	-4603 Feb 03 j 22:25	10°♑52'01	3°42'06	
minimum elong	-4603 Feb 04 j 01:53	10°♑45'26	3°41'23	
min. Earth dist.	-4603 Feb 07 j 06:24	8°♑21'46	0.58141 AU	
morning rise	-4603 Feb 11 j 17:40	5°♑37'56		
direct	-4603 Feb 17 j 14:15	4°♑13'01		
desc. node	-4603 Feb 20 j 15:37	4°♑35'56		
morning max el	-4603 Mar 03 j 20:05	11°♑40'43	26°12'44	
	-4603 Mar 18 j 01:10	0°♒		
morning set	-4603 Apr 01 j 10:12	26°♒36'14		
	-4603 Apr 03 j 00:45	0°♓		
asc. node	-4603 Apr 06 j 16:18	7°♓53'07		
superior conj	-4603 Apr 08 j 11:24	11°♓48'39	0°18'36	
minimum elong	-4603 Apr 08 j 10:35	11°♓44'13	0°18'20	
max. Earth dist.	-4603 Apr 08 j 21:04	12°♓41'31	1.32700 AU	
evening rise	-4603 Apr 15 j 13:51	27°♓02'53		
	-4603 Apr 17 j 00:21	0°♈		
	-4603 May 04 j 04:44	0°♉		
evening max el	-4603 May 15 j 22:10	14°♉14'03	26°50'43	
desc. node	-4603 May 19 j 14:08	17°♉23'10		
retrograde	-4603 May 29 j 22:55	21°♉35'12		
evening set	-4603 Jun 05 j 15:30	19°♉36'51		
min. Earth dist.	-4603 Jun 09 j 11:42	16°♉54'04	0.60588 AU	
inferior conj	-4603 Jun 12 j 19:15	14°♉06'09	-4°-15'-2	
minimum elong	-4603 Jun 12 j 19:37	14°♉05'23	4°14'54	
morning rise	-4603 Jun 20 j 02:56	9°♉20'11		
direct	-4603 Jun 22 j 14:48	8°♉55'46		
morning max el	-4603 Jun 29 j 19:08	12°♉26'31	18°08'24	
asc. node	-4603 Jul 03 j 16:00	16°♉59'36		
	-4603 Jul 11 j 14:38	0°♊		
morning set	-4603 Jul 15 j 18:30	7°♊41'03		
superior conj	-4603 Jul 25 j 17:40	26°♊00'19	1°44'53	
minimum elong	-4603 Jul 25 j 20:11	26°♊11'32	1°44'59	
	-4603 Jul 27 j 23:48	0°♋		
max. Earth dist.	-4603 Aug 02 j 06:42	9°♋05'27	1.41390 AU	
evening rise	-4603 Aug 07 j 21:00	18°♋18'57		
	-4603 Aug 15 j 07:17	0°♌		
desc. node	-4603 Aug 15 j 13:03	0°♌22'04		
greatest brilliancy	-4603 Sep 05 j 12:04	29°♌48'50	-0.3m	
	-4603 Sep 05 j 15:45	0°♍		
evening max el	-4603 Sep 10 j 06:43	5°♍10'14	22°36'26	
retrograde	-4603 Sep 20 j 00:14	10°♍56'30		
evening set	-4603 Sep 24 j 14:58	9°♍04'41		
inferior conj	-4603 Sep 29 j 23:14	2°♍45'51	0°06'57	
minimum elong	-4603 Sep 29 j 23:04	2°♍46'25	0°07'00	
transit middle	-4603 Sep 29 j 23:04	2°♍46'25	0°07'00	
transit begin	-4603 Sep 29 j 20:37	2°♍54'51		
transit end	-4603 Sep 30 j 01:30	2°♍38'00		
asc. node	-4603 Sep 29 j 15:05	3°♍13'57		
min. Earth dist.	-4603 Sep 29 j 21:32	2°♍51'44	0.67399 AU	
	-4603 Oct 02 j 00:28	30°℞♌		
morning rise	-4603 Oct 05 j 07:04	26°♌29'52		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4603 Oct 09 j 17:41	24°♌43'23	
	-4603 Oct 18 j 19:08	0°♍	
morning max el	-4603 Oct 19 j 01:40	0°♍16'30	22°09'42
greatest brilliancy	-4603 Oct 23 j 20:20	5°♍41'46	-0.4m
	-4603 Nov 10 j 05:08	0°♎	
desc. node	-4603 Nov 11 j 13:01	2°♎00'33	
morning set	-4603 Nov 20 j 19:50	16°♎30'55	
max. Earth dist.	-4603 Nov 26 j 19:49	26°♎21'51	1.41150 AU
	-4603 Nov 28 j 23:28	0°♏	
superior conj	-4603 Dec 04 j 13:04	9°♏40'35	-1°-51'-2
minimum elong	-4603 Dec 04 j 10:55	9°♏31'04	1°51'06
evening rise	-4603 Dec 14 j 21:49	28°♏38'10	
	-4603 Dec 15 j 15:24	0°♐	
asc. node	-4603 Dec 26 j 13:53	18°♐56'27	
evening max el	-4603 Dec 31 j 04:23	24°♐37'34	18°14'48
retrograde	-4602 Jan 07 j 05:58	28°♐10'18	
evening set	-4602 Jan 09 j 19:17	27°♐43'24	
inferior conj	-4602 Jan 16 j 20:49	22°♐56'01	4°03'56
minimum elong	-4602 Jan 16 j 21:23	22°♐54'47	4°03'42
min. Earth dist.	-4602 Jan 20 j 03:37	20°♐04'08	0.60114 AU
morning rise	-4602 Jan 23 j 20:36	17°♐21'31	
direct	-4602 Jan 30 j 13:28	15°♐18'23	
desc. node	-4602 Feb 07 j 12:42	17°♐55'24	
morning max el	-4602 Feb 13 j 17:22	22°♐55'17	27°14'04
	-4602 Feb 20 j 01:30	0°♑	
	-4602 Mar 11 j 00:47	0°♒	
morning set	-4602 Mar 16 j 19:20	11°♒28'44	
superior conj	-4602 Mar 23 j 23:06	26°♒49'43	0°-6'-9
minimum elong	-4602 Mar 23 j 23:23	26°♒51'16	0°06'14
behind sun begin	-4602 Mar 23 j 18:44	26°♒25'54	
behind sun end	-4602 Mar 24 j 04:01	27°♒16'37	
max. Earth dist.	-4602 Mar 23 j 10:38	25°♒41'36	1.32603 AU
asc. node	-4602 Mar 24 j 13:16	28°♒07'16	
	-4602 Mar 25 j 09:53	0°♓	
evening rise	-4602 Mar 30 j 23:29	11°♓58'54	
	-4602 Apr 09 j 05:49	0°♈	
evening max el	-4602 Apr 27 j 20:10	25°♈44'08	25°48'27
	-4602 May 03 j 02:49	0°♉	
desc. node	-4602 May 06 j 11:19	1°♉48'15	
retrograde	-4602 May 11 j 22:18	2°♉58'43	
evening set	-4602 May 17 j 17:20	1°♉38'00	
	-4602 May 20 j 16:43	30°♑℞♈	
min. Earth dist.	-4602 May 22 j 08:42	28°♈53'05	0.58562 AU
inferior conj	-4602 May 25 j 16:05	26°♈28'12	-4°-2'-28
minimum elong	-4602 May 25 j 13:08	26°♈33'38	4°02'06
morning rise	-4602 Jun 02 j 12:53	22°♈04'08	
direct	-4602 Jun 05 j 00:05	21°♈44'13	
morning max el	-4602 Jun 13 j 02:17	25°♈33'52	18°39'43
	-4602 Jun 16 j 23:13	0°♉	
asc. node	-4602 Jun 20 j 13:01	5°♉19'06	
morning set	-4602 Jun 29 j 09:20	21°♉27'59	
	-4602 Jul 03 j 18:53	0°♊	
superior conj	-4602 Jul 08 j 07:20	8°♊37'13	1°49'22
minimum elong	-4602 Jul 08 j 07:14	8°♊36'46	1°49'34
max. Earth dist.	-4602 Jul 15 j 09:37	21°♊32'31	1.39473 AU
evening rise	-4602 Jul 19 j 14:23	28°♊47'43	
	-4602 Jul 20 j 07:30	0°♋	
desc. node	-4602 Aug 02 j 10:04	20°♋46'54	
	-4602 Aug 08 j 18:49	0°♌	
evening max el	-4602 Aug 23 j 19:09	18°♌36'35	23°57'20
retrograde	-4602 Sep 03 j 15:35	25°♌00'14	
evening set	-4602 Sep 08 j 21:05	22°♌48'19	
min. Earth dist.	-4602 Sep 13 j 17:27	17°♌08'59	0.67314 AU
inferior conj	-4602 Sep 14 j 05:30	16°♌28'02	0°-46'-19
minimum elong	-4602 Sep 14 j 06:35	16°♌24'23	0°45'44
asc. node	-4602 Sep 16 j 12:12	13°♌28'32	
morning rise	-4602 Sep 19 j 16:15	10°♌17'07	
direct	-4602 Sep 23 j 13:43	8°♌51'04	
morning max el	-4602 Oct 01 j 20:14	13°♌42'44	20°51'15
greatest brilliancy	-4602 Oct 07 j 17:31	20°♌40'48	-0.5m
	-4602 Oct 14 j 11:03	0°♍	
desc. node	-4602 Oct 29 j 09:57	22°♍28'02	
morning set	-4602 Oct 31 j 00:29	24°♍57'41	
	-4602 Nov 03 j 05:36	0°♎	
max. Earth dist.	-4602 Nov 09 j 01:58	9°♎21'24	1.42917 AU
superior conj	-4602 Nov 15 j 17:19	20°♎19'23	-1°-35'-14
minimum elong	-4602 Nov 15 j 11:41	19°♎55'45	1°34'52
	-4602 Nov 21 j 09:10	0°♏	
evening rise	-4602 Nov 27 j 16:22	11°♏05'10	
	-4602 Dec 08 j 17:03	0°♐	
asc. node	-4602 Dec 13 j 10:58	6°♐28'38	
evening max el	-4602 Dec 14 j 15:43	7°♐45'49	18°08'02
retrograde	-4602 Dec 21 j 07:02	11°♐14'25	
evening set	-4602 Dec 23 j 22:56	10°♐40'26	
inferior conj	-4602 Dec 30 j 12:38	5°♐31'18	3°59'16
minimum elong	-4602 Dec 30 j 10:53	5°♐35'41	3°58'54
min. Earth dist.	-4601 Jan 02 j 08:58	2°♐40'37	0.62063 AU
	-4601 Jan 05 j 10:49	30°℞♏	
morning rise	-4601 Jan 05 j 20:44	29°♏41'47	
direct	-4601 Jan 12 j 21:56	27°♏08'59	
	-4601 Jan 21 j 00:17	0°♐	
desc. node	-4601 Jan 25 j 09:45	3°♐27'48	
morning max el	-4601 Jan 26 j 21:04	4°♐51'14	27°41'01
	-4601 Feb 14 j 18:32	0°♑	
morning set	-4601 Feb 28 j 23:59	26°♑05'26	
	-4601 Mar 02 j 21:32	0°♒	
max. Earth dist.	-4601 Mar 06 j 21:39	8°♒30'02	1.32850 AU
superior conj	-4601 Mar 08 j 09:36	11°♒44'26	0°-31'-1
minimum elong	-4601 Mar 08 j 10:58	11°♒51'54	0°30'54
asc. node	-4601 Mar 11 j 10:16	18°♒19'18	
evening rise	-4601 Mar 15 j 10:54	26°♒57'14	
	-4601 Mar 16 j 21:57	0°♓	
	-4601 Apr 03 j 14:20	0°♈	
evening max el	-4601 Apr 09 j 12:59	6°♈39'38	24°23'41
retrograde	-4601 Apr 23 j 10:29	13°♈39'32	
desc. node	-4601 Apr 23 j 08:26	13°♈39'31	
evening set	-4601 Apr 27 j 22:56	12°♈53'38	
min. Earth dist.	-4601 May 04 j 00:53	9°♈51'42	0.56771 AU
inferior conj	-4601 May 06 j 16:57	8°♈09'49	-3°-15'-2
minimum elong	-4601 May 06 j 11:23	8°♈18'43	3°13'47
morning rise	-4601 May 15 j 03:57	4°♈04'18	
direct	-4601 May 17 j 14:42	3°♈47'58	
morning max el	-4601 May 27 j 01:29	8°♈11'26	19°31'23
asc. node	-4601 Jun 07 j 10:02	24°♈16'13	
	-4601 Jun 10 j 11:12	0°♉	
morning set	-4601 Jun 13 j 09:05	5°♉44'15	
superior conj	-4601 Jun 21 j 13:21	22°♉05'19	1°44'22
minimum elong	-4601 Jun 21 j 11:32	21°♉56'23	1°44'27
	-4601 Jun 25 j 15:42	0°♊	
max. Earth dist.	-4601 Jun 27 j 11:30	3°♊25'26	1.37561 AU
evening rise	-4601 Jul 01 j 09:27	10°♊32'46	
	-4601 Jul 13 j 00:43	0°♋	
desc. node	-4601 Jul 20 j 07:06	10°♋55'33	
	-4601 Aug 04 j 04:58	0°♌	
evening max el	-4601 Aug 06 j 05:39	2°♌05'19	25°14'38
retrograde	-4601 Aug 18 j 02:56	8°♌59'37	
evening set	-4601 Aug 23 j 23:33	6°♌29'34	
min. Earth dist.	-4601 Aug 28 j 10:48	1°♌26'39	0.66914 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4601 Aug 29 j 09:52	0°♌11'04	-1°-38'-28
minimum elong	-4601 Aug 29 j 12:07	0°♌03'43	1°37'24
	-4601 Aug 29 j 13:15	30℞♋	
asc. node	-4601 Sep 03 j 09:19	24°♋37'03	
morning rise	-4601 Sep 04 j 01:10	24°♋08'21	
direct	-4601 Sep 07 j 11:33	23°♋00'03	
morning max el	-4601 Sep 14 j 22:01	27°♋17'26	19°44'30
	-4601 Sep 17 j 08:17	0°♌	
greatest brilliancy	-4601 Sep 23 j 03:05	7°♌41'28	-0.6m
	-4601 Oct 07 j 21:24	0°♍	
morning set	-4601 Oct 10 j 00:02	3°♍16'18	
desc. node	-4601 Oct 16 j 06:50	13°♍04'19	
max. Earth dist.	-4601 Oct 22 j 14:31	23°♍02'35	1.44171 AU
superior conj	-4601 Oct 26 j 17:48	29°♍39'40	-1°-2'-57
minimum elong	-4601 Oct 26 j 11:15	29°♍13'16	1°02'13
	-4601 Oct 26 j 22:51	0°♎	
evening rise	-4601 Nov 09 j 15:49	22°♎38'53	
	-4601 Nov 14 j 00:11	0°♏	
evening max el	-4601 Nov 28 j 04:26	21°♏04'44	18°20'19
asc. node	-4601 Nov 30 j 08:05	22°♏58'50	
retrograde	-4601 Dec 04 j 18:06	24°♏39'56	
evening set	-4601 Dec 07 j 13:45	23°♏57'28	
inferior conj	-4601 Dec 13 j 17:59	18°♏28'46	3°36'21
minimum elong	-4601 Dec 13 j 15:02	18°♏37'04	3°35'38
min. Earth dist.	-4601 Dec 16 j 00:13	15°♏57'11	0.63784 AU
morning rise	-4601 Dec 19 j 14:47	12°♏28'07	
direct	-4601 Dec 26 j 14:17	9°♏39'58	
morning max el	-4600 Jan 09 j 05:09	17°♏22'50	27°31'54
desc. node	-4600 Jan 12 j 06:46	20°♏36'35	
	-4600 Jan 19 j 20:01	0°♐	
	-4600 Feb 07 j 12:39	0°♑	
morning set	-4600 Feb 12 j 21:31	10°♑16'30	
max. Earth dist.	-4600 Feb 18 j 02:00	20°♑51'56	1.33479 AU
superior conj	-4600 Feb 20 j 17:05	26°♑25'46	0°-55'-6
minimum elong	-4600 Feb 20 j 19:25	26°♑38'13	0°54'53
	-4600 Feb 22 j 09:07	0°♒	
asc. node	-4600 Feb 26 j 07:16	8°♒24'13	
evening rise	-4600 Feb 27 j 22:18	11°♒50'26	
	-4600 Mar 08 j 07:59	0°♓	
evening max el	-4600 Mar 21 j 05:35	17°♓23'04	22°49'43
retrograde	-4600 Apr 03 j 10:19	23°♓51'16	
evening set	-4600 Apr 06 j 16:52	23°♓27'49	
desc. node	-4600 Apr 09 j 05:36	22°♓40'00	
min. Earth dist.	-4600 Apr 14 j 15:30	19°♓56'54	0.55555 AU
inferior conj	-4600 Apr 15 j 23:11	19°♓11'10	-1°-48'-13
minimum elong	-4600 Apr 15 j 18:36	19°♓17'47	1°46'50
morning rise	-4600 Apr 24 j 22:58	15°♓13'44	
direct	-4600 Apr 27 j 11:35	14°♓58'40	
morning max el	-4600 May 08 j 14:29	20°♓10'27	20°42'57
	-4600 May 16 j 12:42	0°♈	
asc. node	-4600 May 24 j 07:01	13°♈41'26	
morning set	-4600 May 27 j 15:02	20°♈22'15	
	-4600 Jun 01 j 06:55	0°♉	
superior conj	-4600 Jun 04 j 07:00	6°♉10'54	1°32'27
minimum elong	-4600 Jun 04 j 04:23	5°♉57'33	1°32'19
max. Earth dist.	-4600 Jun 08 j 18:55	15°♉11'16	1.35871 AU
evening rise	-4600 Jun 13 j 01:37	23°♉22'42	
	-4600 Jun 16 j 16:42	0°♊	
	-4600 Jul 05 j 16:12	0°♋	
desc. node	-4600 Jul 06 j 04:09	0°♋40'57	
evening max el	-4600 Jul 18 j 16:26	15°♋35'29	26°20'17
retrograde	-4600 Jul 31 j 09:37	22°♋49'29	
evening set	-4600 Aug 06 j 20:19	20°♋06'34	
min. Earth dist.	-4600 Aug 10 j 23:16	15°♋42'04	0.66174 AU
inferior conj	-4600 Aug 12 j 10:30	13°♋53'10	-2°-27'-38
minimum elong	-4600 Aug 12 j 13:41	13°♋43'21	2°26'21
morning rise	-4600 Aug 18 j 07:53	8°♋01'44	
asc. node	-4600 Aug 20 j 06:26	7°♋15'09	
direct	-4600 Aug 21 j 09:33	7°♋07'52	
morning max el	-4600 Aug 28 j 06:12	10°♋59'19	18°52'28
	-4600 Sep 10 j 20:06	0°♌	
morning set	-4600 Sep 18 j 16:41	12°♌28'24	
	-4600 Sep 29 j 18:20	0°♍	
desc. node	-4600 Oct 02 j 03:43	3°♍46'09	
superior conj	-4600 Oct 04 j 21:03	8°♍03'36	0°-17'-7
minimum elong	-4600 Oct 04 j 18:49	7°♍54'48	0°16'44
max. Earth dist.	-4600 Oct 04 j 07:06	7°♍08'38	1.44768 AU
	-4600 Oct 18 j 16:20	0°♎	
evening rise	-4600 Oct 20 j 15:39	3°♎10'19	
	-4600 Nov 06 j 21:54	0°♏	
evening max el	-4600 Nov 10 j 15:58	4°♏29'36	18°50'33
asc. node	-4600 Nov 16 j 05:12	8°♏11'43	
retrograde	-4600 Nov 17 j 11:22	8°♏20'33	
evening set	-4600 Nov 20 j 12:35	7°♏27'27	
inferior conj	-4600 Nov 26 j 09:23	1°♏41'56	3°01'12
minimum elong	-4600 Nov 26 j 06:10	1°♏51'46	3°00'13
	-4600 Nov 27 j 18:44	30℞♎	
min. Earth dist.	-4600 Nov 28 j 01:11	29°♎40'30	0.65180 AU
morning rise	-4600 Dec 01 j 22:41	25°♎33'09	
direct	-4600 Dec 08 j 13:17	22°♎44'19	
	-4600 Dec 21 j 07:11	0°♏	
morning max el	-4600 Dec 21 j 14:44	0°♏18'40	26°50'48
desc. node	-4600 Dec 29 j 03:46	8°♏53'47	
	-4599 Jan 12 j 19:00	0°♐	
morning set	-4599 Jan 26 j 08:38	23°♐51'12	
	-4599 Jan 29 j 12:20	0°♑	
max. Earth dist.	-4599 Jan 30 j 20:04	2°♑38'31	1.34539 AU
superior conj	-4599 Feb 03 j 19:31	10°♑47'11	-1°-17'-12
minimum elong	-4599 Feb 03 j 22:28	11°♑02'32	1°17'02
evening rise	-4599 Feb 11 j 07:57	26°♑32'45	
asc. node	-4599 Feb 12 j 04:16	28°♑17'37	
	-4599 Feb 13 j 00:18	0°♒	
evening max el	-4599 Mar 03 j 04:15	28°♒21'38	21°19'52
	-4599 Mar 05 j 01:05	0°♓	
retrograde	-4599 Mar 15 j 00:38	4°♓01'35	
evening set	-4599 Mar 17 j 13:28	3°♓46'55	
	-4599 Mar 26 j 10:17	30℞♒	
inferior conj	-4599 Mar 26 j 19:06	29°♒47'33	0°05'18
minimum elong	-4599 Mar 26 j 19:21	29°♒47'13	0°05'04
transit middle	-4599 Mar 26 j 19:21	29°♒47'13	0°05'04
transit begin	-4599 Mar 26 j 15:27	29°♒52'42	
transit end	-4599 Mar 26 j 23:14	29°♒41'43	
min. Earth dist.	-4599 Mar 27 j 05:49	29°♒32'25	0.55195 AU
desc. node	-4599 Mar 27 j 02:46	29°♒36'43	
morning rise	-4599 Apr 05 j 00:49	25°♒41'46	
direct	-4599 Apr 08 j 00:09	25°♒22'22	
	-4599 Apr 19 j 00:56	0°♓	
morning max el	-4599 Apr 20 j 16:33	1°♓27'35	22°11'27
	-4599 May 09 j 11:13	0°♈	
asc. node	-4599 May 11 j 03:59	3°♈27'03	
morning set	-4599 May 12 j 00:54	5°♈15'04	
superior conj	-4599 May 19 j 08:43	20°♈42'31	1°15'35
minimum elong	-4599 May 19 j 06:02	20°♈28'28	1°15'15
max. Earth dist.	-4599 May 22 j 12:07	27°♈14'42	1.34523 AU
	-4599 May 23 j 20:32	0°♉	
evening rise	-4599 May 27 j 09:29	7°♉01'29	
	-4599 Jun 09 j 07:22	0°♊	
desc. node	-4599 Jun 23 j 01:15	19°♊52'40	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4599 Jul 01 j 03:52	28°♊59'26	27°06'08	
	-4599 Jul 02 j 05:35	0°♋		
retrograde	-4599 Jul 14 j 11:01	6°♋22'09		
evening set	-4599 Jul 21 j 08:46	3°♋35'11		
min. Earth dist.	-4599 Jul 25 j 04:31	29°♊48'59	0.65065 AU	
	-4599 Jul 25 j 00:33	30°℞♊		
inferior conj	-4599 Jul 27 j 05:13	27°♊30'02	-3°-11'-38	
minimum elong	-4599 Jul 27 j 08:51	27°♊19'37	3°10'26	
morning rise	-4599 Aug 02 j 10:14	21°♊53'14		
direct	-4599 Aug 05 j 05:33	21°♊10'35		
asc. node	-4599 Aug 07 j 03:31	21°♊30'18		
morning max el	-4599 Aug 11 j 18:50	24°♊44'19	18°16'54	
	-4599 Aug 16 j 02:31	0°♋		
morning set	-4599 Aug 30 j 12:16	22°♋58'46		
	-4599 Sep 03 j 18:23	0°♌		
superior conj	-4599 Sep 13 j 22:36	16°♌26'57	0°31'47	
minimum elong	-4599 Sep 14 j 02:26	16°♌42'12	0°31'28	
max. Earth dist.	-4599 Sep 17 j 01:01	21°♌22'15	1.44642 AU	
desc. node	-4599 Sep 19 j 00:37	24°♌30'06		
	-4599 Sep 22 j 12:35	0°♍		
evening rise	-4599 Sep 30 j 14:32	12°♍37'35		
	-4599 Oct 11 j 19:58	0°♎		
greatest brilliancy	-4599 Oct 16 j 12:28	7°♎00'03	-0.7m	
evening max el	-4599 Oct 24 j 23:56	17°♎56'16	19°37'18	
retrograde	-4599 Nov 01 j 07:44	22°♎11'16		
asc. node	-4599 Nov 03 j 02:21	21°♎52'59		
evening set	-4599 Nov 04 j 16:40	21°♎04'54		
inferior conj	-4599 Nov 10 j 07:51	15°♎05'37	2°17'54	
minimum elong	-4599 Nov 10 j 05:03	15°♎14'45	2°16'54	
min. Earth dist.	-4599 Nov 11 j 10:23	13°♎39'19	0.66219 AU	
morning rise	-4599 Nov 15 j 16:42	8°♎51'16		
direct	-4599 Nov 21 j 18:00	6°♎13'27		
morning max el	-4599 Dec 03 j 23:55	13°♎26'58	25°45'19	
desc. node	-4599 Dec 16 j 00:44	27°♎58'52		
	-4599 Dec 17 j 11:48	0°♏		
	-4598 Jan 05 j 12:30	0°♐		
morning set	-4598 Jan 09 j 04:50	6°♐36'02		
max. Earth dist.	-4598 Jan 13 j 02:38	13°♐54'48	1.36043 AU	
superior conj	-4598 Jan 18 j 14:18	24°♐40'39	-1°-35'-50	
minimum elong	-4598 Jan 18 j 17:15	24°♐55'32	1°35'48	
	-4598 Jan 21 j 05:20	0°♑		
evening rise	-4598 Jan 26 j 13:56	10°♑58'06		
asc. node	-4598 Jan 30 j 01:18	17°♑54'26		
	-4598 Feb 05 j 19:37	0°♒		
evening max el	-4598 Feb 13 j 12:43	9°♒52'08	20°03'36	
retrograde	-4598 Feb 23 j 16:44	14°♒41'09		
evening set	-4598 Feb 26 j 00:58	14°♒26'57		
inferior conj	-4598 Mar 06 j 18:32	10°♒26'54	1°54'55	
minimum elong	-4598 Mar 06 j 23:00	10°♒20'07	1°53'22	
min. Earth dist.	-4598 Mar 08 j 19:58	9°♒12'08	0.55761 AU	
desc. node	-4598 Mar 13 j 23:56	6°♒33'20		
morning rise	-4598 Mar 15 j 18:15	5°♒57'26		
direct	-4598 Mar 19 j 16:38	5°♒23'25		
morning max el	-4598 Apr 02 j 10:14	12°♒12'52	23°49'41	
	-4598 Apr 15 j 21:09	0°♓		
morning set	-4598 Apr 26 j 12:52	20°♓16'49		
asc. node	-4598 Apr 28 j 00:58	23°♓27'21		
	-4598 May 01 j 02:12	0°♈		
superior conj	-4598 May 03 j 15:50	5°♈32'04	0°55'13	
minimum elong	-4598 May 03 j 13:37	5°♈20'13	0°54'49	
max. Earth dist.	-4598 May 05 j 15:10	9°♈45'07	1.33543 AU	
evening rise	-4598 May 11 j 04:33	21°♈15'41		
	-4598 May 15 j 16:25	0°♉		
	-4598 Jun 03 j 05:47	0°♊		

desc. node	-4598 Jun 09 j 22:25	8°♊16'22		
evening max el	-4598 Jun 13 j 14:25	12°♊05'20	27°25'08	
retrograde	-4598 Jun 27 j 06:31	19°♊29'45		
evening set	-4598 Jul 04 j 09:46	16°♊50'37		
min. Earth dist.	-4598 Jul 08 j 00:37	13°♊38'23	0.63579 AU	
inferior conj	-4598 Jul 10 j 15:25	10°♊56'39	-3°-47'-22	
minimum elong	-4598 Jul 10 j 18:44	10°♊48'03	3°46'33	
morning rise	-4598 Jul 17 j 05:36	5°♊37'44		
direct	-4598 Jul 19 j 20:44	5°♊03'38		
asc. node	-4598 Jul 25 j 00:35	7°♊13'39		
morning max el	-4598 Jul 26 j 09:33	8°♊28'16	17°58'56	
	-4598 Aug 09 j 16:22	0°♋		
morning set	-4598 Aug 12 j 09:18	4°♋41'58		
superior conj	-4598 Aug 24 j 19:38	25°♋49'42	1°11'36	
minimum elong	-4598 Aug 25 j 01:33	26°♋14'05	1°11'10	
	-4598 Aug 27 j 08:41	0°♌		
max. Earth dist.	-4598 Aug 30 j 17:12	5°♌25'32	1.43814 AU	
desc. node	-4598 Sep 05 j 21:35	15°♌13'27		
evening rise	-4598 Sep 09 j 20:19	21°♌22'02		
	-4598 Sep 15 j 11:25	0°♍		
greatest brilliancy	-4598 Oct 02 j 00:50	24°♍06'06	-0.5m	
	-4598 Oct 06 j 19:40	0°♎		
evening max el	-4598 Oct 08 j 02:25	1°♎22'28	20°38'28	
retrograde	-4598 Oct 16 j 04:54	6°♎09'14		
evening set	-4598 Oct 19 j 23:46	4°♎46'53		
asc. node	-4598 Oct 20 j 23:30	3°♎58'11		
	-4598 Oct 24 j 10:19	30°℞♍		
inferior conj	-4598 Oct 25 j 10:59	28°♍37'05	1°29'17	
minimum elong	-4598 Oct 25 j 09:01	28°♍43'44	1°28'32	
min. Earth dist.	-4598 Oct 26 j 01:43	27°♍47'08	0.66919 AU	
morning rise	-4598 Oct 30 j 17:50	22°♍19'46		
direct	-4598 Nov 05 j 03:53	20°♍00'05		
morning max el	-4598 Nov 16 j 08:41	26°♍40'33	24°24'37	
	-4598 Nov 19 j 10:51	0°♎		
desc. node	-4598 Dec 02 j 21:40	17°♎37'46		
	-4598 Dec 11 j 03:02	0°♏		
morning set	-4598 Dec 22 j 04:21	18°♏14'39		
max. Earth dist.	-4598 Dec 26 j 00:41	25°♏04'04	1.37924 AU	
	-4598 Dec 28 j 17:19	0°♐		
superior conj	-4597 Jan 01 j 21:56	7°♐55'38	-1°-48'-54	
minimum elong	-4597 Jan 01 j 23:56	8°♐05'17	1°49'01	
evening rise	-4597 Jan 10 j 13:59	24°♐59'22		
	-4597 Jan 13 j 03:18	0°♑		
asc. node	-4597 Jan 16 j 22:23	7°♑07'44		
evening max el	-4597 Jan 27 j 07:24	21°♑57'07	19°05'36	
retrograde	-4597 Feb 04 j 22:45	26°♑05'03		
evening set	-4597 Feb 07 j 08:09	25°♑47'24		
inferior conj	-4597 Feb 15 j 09:19	21°♑33'09	3°14'01	
minimum elong	-4597 Feb 15 j 14:04	21°♑24'54	3°12'48	
min. Earth dist.	-4597 Feb 18 j 10:59	19°♑26'02	0.57112 AU	
morning rise	-4597 Feb 23 j 16:16	16°♑34'03		
direct	-4597 Feb 28 j 20:28	15°♑31'14		
desc. node	-4597 Feb 28 j 21:04	15°♑31'14		
morning max el	-4597 Mar 15 j 01:11	22°♑49'04	25°25'12	
	-4597 Mar 21 j 10:28	0°♒		
	-4597 Apr 08 j 10:59	0°♓		
morning set	-4597 Apr 11 j 01:06	5°♓20'05		
asc. node	-4597 Apr 14 j 21:57	13°♓36'27		
superior conj	-4597 Apr 18 j 02:07	20°♓31'01	0°32'26	
minimum elong	-4597 Apr 18 j 00:44	20°♓23'29	0°32'06	
max. Earth dist.	-4597 Apr 19 j 01:02	22°♓35'41	1.32912 AU	
	-4597 Apr 22 j 11:42	0°♈		
evening rise	-4597 Apr 25 j 07:16	5°♈52'49		
	-4597 May 08 j 07:15	0°♉		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4597 May 26 j 21:25	24°♉39'04	27°12'34
desc. node	-4597 May 27 j 19:35	25°♉30'52	
	-4597 Jun 02 j 20:21	0°♊	
retrograde	-4597 Jun 09 j 19:31	2°♊02'21	
	-4597 Jun 16 j 09:53	30°℞♉	
evening set	-4597 Jun 16 j 19:24	29°♉45'03	
min. Earth dist.	-4597 Jun 20 j 10:45	26°♉56'13	0.61749 AU
inferior conj	-4597 Jun 23 j 13:54	24°♉04'54	-4°-10'-15
minimum elong	-4597 Jun 23 j 15:44	24°♉00'41	4°09'58
morning rise	-4597 Jun 30 j 14:48	19°♉06'44	
direct	-4597 Jul 03 j 03:30	18°♉39'14	
morning max el	-4597 Jul 09 j 23:36	22°♉04'22	17°59'27
asc. node	-4597 Jul 11 j 21:38	24°♉09'16	
	-4597 Jul 16 j 02:41	0°♊	
morning set	-4597 Jul 26 j 02:27	17°♊22'55	
	-4597 Aug 02 j 02:16	0°♋	
superior conj	-4597 Aug 05 j 20:16	6°♋34'52	1°36'50
minimum elong	-4597 Aug 06 j 00:25	6°♋52'49	1°36'46
max. Earth dist.	-4597 Aug 13 j 04:15	18°♋58'21	1.42392 AU
evening rise	-4597 Aug 20 j 03:12	0°♌11'26	
	-4597 Aug 20 j 00:18	0°♌	
desc. node	-4597 Aug 23 j 18:35	5°♌52'53	
	-4597 Sep 09 j 02:24	0°♍	
greatest brilliancy	-4597 Sep 16 j 01:51	9°♍15'00	-0.4m
evening max el	-4597 Sep 20 j 22:34	14°♍47'31	21°51'08
retrograde	-4597 Sep 30 j 00:59	20°♍11'56	
evening set	-4597 Oct 04 j 07:53	18°♍31'17	
asc. node	-4597 Oct 07 j 20:38	14°♍43'46	
inferior conj	-4597 Oct 09 j 16:46	12°♍14'31	0°37'31
minimum elong	-4597 Oct 09 j 15:54	12°♍17'30	0°37'14
min. Earth dist.	-4597 Oct 09 j 20:52	12°♍00'20	0.67304 AU
morning rise	-4597 Oct 14 j 23:41	5°♍57'04	
direct	-4597 Oct 19 j 18:28	3°♍58'30	
morning max el	-4597 Oct 29 j 18:59	9°♍57'30	22°58'25
greatest brilliancy	-4597 Nov 03 j 16:41	15°♍28'36	-0.3m
	-4597 Nov 14 j 12:43	0°♎	
desc. node	-4597 Nov 19 j 18:35	7°♎40'59	
morning set	-4597 Dec 03 j 01:23	28°♎33'40	
	-4597 Dec 03 j 22:14	0°♏	
max. Earth dist.	-4597 Dec 07 j 21:03	6°♏40'40	1.39984 AU
superior conj	-4597 Dec 15 j 13:59	20°♏20'45	-1°-53'-33
minimum elong	-4597 Dec 15 j 13:43	20°♏19'35	1°53'43
	-4597 Dec 20 j 18:18	0°♐	
evening rise	-4597 Dec 25 j 05:24	8°♐30'07	
asc. node	-4596 Jan 03 j 19:27	25°♐49'51	
	-4596 Jan 06 j 14:23	0°♑	
evening max el	-4596 Jan 10 j 10:42	4°♑32'47	18°27'34
retrograde	-4596 Jan 17 j 23:05	8°♑14'16	
evening set	-4596 Jan 20 j 10:50	7°♑51'13	
inferior conj	-4596 Jan 27 j 20:21	3°♑16'43	3°55'13
minimum elong	-4596 Jan 27 j 22:36	3°♑12'10	3°54'47
min. Earth dist.	-4596 Jan 31 j 05:22	0°♑34'11	0.58957 AU
	-4596 Jan 31 j 23:33	30°℞♐	
morning rise	-4596 Feb 04 j 06:57	27°♐52'45	
direct	-4596 Feb 10 j 13:18	26°♐11'12	
desc. node	-4596 Feb 15 j 18:10	27°♐18'10	
	-4596 Feb 20 j 10:05	0°♑	
morning max el	-4596 Feb 24 j 19:16	3°♑44'18	26°42'41
	-4596 Mar 14 j 21:54	0°♒	
morning set	-4596 Mar 25 j 11:53	20°♒18'24	
	-4596 Mar 30 j 00:47	0°♓	
asc. node	-4596 Mar 31 j 18:56	3°♓49'55	
superior conj	-4596 Apr 01 j 13:47	5°♓33'04	0°08'11
minimum elong	-4596 Apr 01 j 13:25	5°♓31'06	0°08'00
behind sun begin	-4596 Apr 01 j 09:05	5°♓07'24	
behind sun end	-4596 Apr 01 j 17:45	5°♓54'49	
max. Earth dist.	-4596 Apr 01 j 14:10	5°♓35'09	1.32614 AU
evening rise	-4596 Apr 08 j 14:58	20°♓43'54	
	-4596 Apr 13 j 05:13	0°♈	
	-4596 May 01 j 23:57	0°♉	
evening max el	-4596 May 07 j 22:50	6°♉32'29	26°27'32
desc. node	-4596 May 13 j 16:44	11°♉07'50	
retrograde	-4596 May 22 j 00:51	13°♉52'16	
evening set	-4596 May 28 j 09:39	12°♉09'13	
min. Earth dist.	-4596 Jun 01 j 11:57	9°♉27'38	0.59720 AU
inferior conj	-4596 Jun 04 j 21:07	6°♉46'27	-4°-13'-22
minimum elong	-4596 Jun 04 j 20:08	6°♉48'24	4°13'14
morning rise	-4596 Jun 12 j 10:15	2°♉10'14	
direct	-4596 Jun 14 j 21:39	1°♉47'57	
morning max el	-4596 Jun 22 j 10:09	5°♉25'05	18°19'14
asc. node	-4596 Jun 27 j 18:39	12°♉02'06	
morning set	-4596 Jul 08 j 10:34	0°♊48'37	
	-4596 Jul 08 j 00:19	0°♊	
superior conj	-4596 Jul 17 j 22:01	18°♊35'20	1°48'07
minimum elong	-4596 Jul 17 j 23:21	18°♊41'22	1°48'18
	-4596 Jul 24 j 08:03	0°♋	
max. Earth dist.	-4596 Jul 25 j 09:06	1°♋47'47	1.40586 AU
evening rise	-4596 Jul 30 j 05:29	9°♋56'29	
desc. node	-4596 Aug 09 j 15:35	26°♋24'13	
	-4596 Aug 12 j 00:59	0°♌	
greatest brilliancy	-4596 Aug 27 j 23:15	21°♌55'54	-0.2m
evening max el	-4596 Sep 02 j 13:08	28°♌12'27	23°10'51
	-4596 Sep 04 j 10:21	0°♍	
retrograde	-4596 Sep 12 j 18:27	4°♍15'51	
evening set	-4596 Sep 17 j 15:14	2°♍15'31	
	-4596 Sep 19 j 20:38	30°℞♌	
inferior conj	-4596 Sep 22 j 23:20	25°♌55'27	0°-15'-42
minimum elong	-4596 Sep 22 j 23:42	25°♌54'12	0°15'25
transit middle	-4596 Sep 22 j 23:42	25°♌54'12	0°15'25
transit begin	-4596 Sep 22 j 22:48	25°♌57'18	
transit end	-4596 Sep 23 j 00:36	25°♌51'06	
min. Earth dist.	-4596 Sep 22 j 17:17	26°♌16'18	0.67393 AU
asc. node	-4596 Sep 23 j 17:46	24°♌52'20	
morning rise	-4596 Sep 28 j 08:11	19°♌41'00	
direct	-4596 Oct 02 j 12:54	18°♌03'30	
morning max el	-4596 Oct 11 j 09:41	23°♌18'56	21°35'05
greatest brilliancy	-4596 Oct 16 j 12:35	29°♌12'50	-0.4m
	-4596 Oct 17 j 03:29	0°♍	
desc. node	-4596 Nov 05 j 15:29	28°♍00'50	
	-4596 Nov 06 j 22:28	0°♎	
morning set	-4596 Nov 11 j 18:11	7°♎32'05	
max. Earth dist.	-4596 Nov 18 j 22:14	19°♎06'45	1.41946 AU
	-4596 Nov 25 j 09:16	0°♏	
superior conj	-4596 Nov 26 j 08:49	1°♏41'43	-1°-46'-15
minimum elong	-4596 Nov 26 j 05:08	1°♏25'44	1°46'10
evening rise	-4596 Dec 07 j 08:39	21°♏22'01	
	-4596 Dec 12 j 02:48	0°♐	
asc. node	-4596 Dec 20 j 16:32	13°♐50'39	
evening max el	-4596 Dec 23 j 19:56	17°♐31'10	18°09'35
retrograde	-4596 Dec 30 j 16:01	21°♐00'32	
evening set	-4595 Jan 02 j 06:20	20°♐30'50	
inferior conj	-4595 Jan 09 j 02:33	15°♐34'24	4°04'38
minimum elong	-4595 Jan 09 j 02:01	15°♐35'40	4°04'24
min. Earth dist.	-4595 Jan 12 j 05:52	12°♐40'01	0.60960 AU
morning rise	-4595 Jan 15 j 19:06	9°♐52'52	
direct	-4595 Jan 22 j 17:03	7°♐35'09	
desc. node	-4595 Feb 01 j 15:13	11°♐37'49	
morning max el	-4595 Feb 05 j 19:16	15°♐15'30	27°29'56
	-4595 Feb 17 j 20:14	0°♑	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4595 Mar 07 j 07:10	0°♒		
morning set	-4595 Mar 09 j 19:22	5°♒04'41		
max. Earth dist.	-4595 Mar 16 j 02:53	18°♒30'29	1.32656 AU	
superior conj	-4595 Mar 17 j 01:10	20°♒31'58	0°-16'-43	
minimum elong	-4595 Mar 17 j 01:55	20°♒36'04	0°16'43	
asc. node	-4595 Mar 18 j 15:55	24°♒03'26		
	-4595 Mar 21 j 09:32	0°♓		
evening rise	-4595 Mar 24 j 01:33	5°♓41'19		
	-4595 Apr 06 j 01:02	0°♈		
evening max el	-4595 Apr 19 j 18:22	17°♈46'30	25°14'34	
desc. node	-4595 Apr 30 j 13:53	24°♈31'41		
retrograde	-4595 May 03 j 20:04	24°♈56'36		
evening set	-4595 May 09 j 02:27	23°♈52'01		
min. Earth dist.	-4595 May 14 j 06:51	21°♈01'10	0.57745 AU	
inferior conj	-4595 May 17 j 09:41	18°♈52'28	-3°-47'-13	
minimum elong	-4595 May 17 j 05:22	18°♈59'57	3°46'29	
morning rise	-4595 May 25 j 12:26	14°♈36'49		
direct	-4595 May 27 j 23:11	14°♈18'40		
morning max el	-4595 Jun 05 j 14:17	18°♈21'21	18°59'09	
	-4595 Jun 14 j 06:26	0°♉		
asc. node	-4595 Jun 14 j 15:40	0°♉39'14		
morning set	-4595 Jun 22 j 05:39	14°♉49'31		
	-4595 Jun 29 j 23:19	0°♊		
superior conj	-4595 Jun 30 j 19:20	1°♊36'13	1°48'14	
minimum elong	-4595 Jun 30 j 18:23	1°♊31'41	1°48'24	
max. Earth dist.	-4595 Jul 07 j 10:46	13°♊57'50	1.38647 AU	
evening rise	-4595 Jul 11 j 10:18	20°♊59'35		
	-4595 Jul 16 j 18:38	0°♋		
desc. node	-4595 Jul 27 j 12:36	16°♋43'07		
	-4595 Aug 06 j 01:11	0°♌		
evening max el	-4595 Aug 16 j 00:34	11°♌40'32	24°31'09	
retrograde	-4595 Aug 27 j 08:11	18°♌18'14		
evening set	-4595 Sep 01 j 20:01	15°♌58'31		
min. Earth dist.	-4595 Sep 06 j 12:31	10°♌34'06	0.67187 AU	
inferior conj	-4595 Sep 07 j 05:03	9°♌38'37	-1°-8'-41	
minimum elong	-4595 Sep 07 j 06:38	9°♌33'18	1°07'52	
asc. node	-4595 Sep 10 j 14:52	5°♌24'06		
morning rise	-4595 Sep 12 j 17:31	3°♌30'32		
direct	-4595 Sep 16 j 10:02	2°♌12'15		
morning max el	-4595 Sep 24 j 07:11	6°♌48'21	20°21'03	
greatest brilliancy	-4595 Oct 01 j 00:12	14°♌57'27	-0.6m	
	-4595 Oct 11 j 09:54	0°♍		
morning set	-4595 Oct 21 j 17:35	15°♍46'04		
desc. node	-4595 Oct 23 j 12:23	18°♍32'20		
	-4595 Oct 30 j 18:53	0°♎		
max. Earth dist.	-4595 Nov 01 j 07:01	2°♎24'40	1.43531 AU	
superior conj	-4595 Nov 07 j 01:16	11°♎46'44	-1°-23'-32	
minimum elong	-4595 Nov 06 j 18:42	11°♎19'42	1°22'58	
	-4595 Nov 17 j 19:53	0°♏		
evening rise	-4595 Nov 19 j 19:34	3°♏26'46		
	-4595 Dec 06 j 15:16	0°♐		
evening max el	-4595 Dec 07 j 08:15	0°♐44'39	18°11'03	
asc. node	-4595 Dec 07 j 13:37	0°♐58'03		
retrograde	-4595 Dec 13 j 21:43	4°♐14'25		
evening set	-4595 Dec 16 j 15:09	3°♐36'55		
	-4595 Dec 21 j 09:23	30°℞♏		
inferior conj	-4595 Dec 23 j 00:33	28°♏19'14	3°51'18	
minimum elong	-4595 Dec 22 j 22:09	28°♏25'32	3°50'48	
min. Earth dist.	-4595 Dec 25 j 15:07	25°♏34'58	0.62838 AU	
morning rise	-4595 Dec 29 j 03:21	22°♏24'54		
direct	-4594 Jan 05 j 05:08	19°♏43'33		
morning max el	-4594 Jan 19 j 00:50	27°♏26'13	27°41'22	
desc. node	-4594 Jan 19 j 12:15	27°♏54'35		
	-4594 Jan 21 j 12:06	0°♐		

	-4594 Feb 11 j 11:20	0°♑		
morning set	-4594 Feb 21 j 21:17	19°♑30'55		
	-4594 Feb 26 j 22:36	0°♒		
max. Earth dist.	-4594 Feb 27 j 11:25	1°♒08'13	1.33066 AU	
superior conj	-4594 Mar 01 j 10:36	5°♒21'27	0°-41'-23	
minimum elong	-4594 Mar 01 j 12:25	5°♒31'13	0°41'14	
asc. node	-4594 Mar 05 j 12:53	14°♒12'38		
evening rise	-4594 Mar 08 j 13:10	20°♒38'01		
	-4594 Mar 13 j 03:40	0°♓		
evening max el	-4594 Apr 01 j 10:33	28°♓33'56	23°44'08	
	-4594 Apr 03 j 00:28	0°♈		
retrograde	-4594 Apr 15 j 02:33	5°♈21'55		
desc. node	-4594 Apr 17 j 11:02	5°♈09'33		
evening set	-4594 Apr 19 j 01:28	4°♈47'29		
min. Earth dist.	-4594 Apr 25 j 22:06	1°♈34'54	0.56161 AU	
inferior conj	-4594 Apr 28 j 02:07	0°♈16'10	-2°-42'-49	
minimum elong	-4594 Apr 27 j 20:24	0°♈24'51	2°41'19	
	-4594 Apr 28 j 12:46	30°℞♓		
morning rise	-4594 May 06 j 18:54	26°♓15'30		
direct	-4594 May 09 j 06:05	25°♓59'59		
	-4594 May 18 j 14:10	0°♈		
morning max el	-4594 May 19 j 09:14	0°♈42'41	19°59'30	
asc. node	-4594 Jun 01 j 12:40	19°♈49'12		
morning set	-4594 Jun 06 j 08:24	29°♈16'09		
	-4594 Jun 06 j 17:05	0°♉		
superior conj	-4594 Jun 14 j 06:49	15°♉21'36	1°40'02	
minimum elong	-4594 Jun 14 j 04:33	15°♉10'18	1°40'01	
max. Earth dist.	-4594 Jun 19 j 14:42	25°♉46'00	1.36810 AU	
	-4594 Jun 21 j 20:47	0°♊		
evening rise	-4594 Jun 23 j 15:04	3°♊14'14		
	-4594 Jul 09 j 18:58	0°♋		
desc. node	-4594 Jul 14 j 09:40	6°♋42'59		
evening max el	-4594 Jul 29 j 11:15	25°♋11'13	25°44'25	
	-4594 Aug 04 j 07:14	0°♌		
retrograde	-4594 Aug 10 j 17:26	2°♌14'21		
	-4594 Aug 16 j 09:52	30°℞♋		
evening set	-4594 Aug 16 j 20:20	29°♋38'10		
min. Earth dist.	-4594 Aug 21 j 04:03	24°♋51'27	0.66653 AU	
inferior conj	-4594 Aug 22 j 08:05	23°♋21'41	-1°-59'-47	
minimum elong	-4594 Aug 22 j 10:45	23°♋13'07	1°58'36	
morning rise	-4594 Aug 28 j 01:47	17°♋23'22		
asc. node	-4594 Aug 28 j 12:00	17°♋08'18		
direct	-4594 Aug 31 j 08:16	16°♋21'27		
morning max el	-4594 Sep 07 j 11:52	20°♋26'16	19°20'23	
	-4594 Sep 15 j 00:35	0°♌		
greatest brilliancy	-4594 Sep 17 j 18:53	4°♌03'23	-0.7m	
morning set	-4594 Sep 30 j 22:21	24°♌22'11		
	-4594 Oct 04 j 12:42	0°♍		
desc. node	-4594 Oct 10 j 09:18	9°♍11'23		
max. Earth dist.	-4594 Oct 14 j 22:11	16°♍20'38	1.44521 AU	
superior conj	-4594 Oct 17 j 15:08	20°♍38'13	0°-44'-41	
minimum elong	-4594 Oct 17 j 09:47	20°♍16'58	0°44'00	
	-4594 Oct 23 j 11:23	0°♎		
evening rise	-4594 Nov 01 j 09:27	14°♎35'09		
	-4594 Nov 10 j 18:12	0°♏		
evening max el	-4594 Nov 20 j 20:49	14°♏06'53	18°31'04	
asc. node	-4594 Nov 24 j 10:43	16°♏57'34		
retrograde	-4594 Nov 27 j 11:55	17°♏47'35		
evening set	-4594 Nov 30 j 09:47	17°♏00'41		
inferior conj	-4594 Dec 06 j 10:36	11°♏24'14	3°22'38	
minimum elong	-4594 Dec 06 j 07:26	11°♏33'28	3°21'47	
min. Earth dist.	-4594 Dec 08 j 10:29	9°♏04'54	0.64422 AU	
morning rise	-4594 Dec 12 j 03:48	5°♏19'57		
direct	-4594 Dec 19 j 00:10	2°♏30'12		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4593 Jan 01 j 09:55	10°♏09'57	27°18'02
desc. node	-4593 Jan 06 j 09:15	15°♏35'33	
	-4593 Jan 17 j 03:01	0°♐	
	-4593 Feb 03 j 19:48	0°♑	
morning set	-4593 Feb 05 j 14:53	3°♑28'08	
max. Earth dist.	-4593 Feb 10 j 12:05	13°♑17'21	1.33878 AU
superior conj	-4593 Feb 13 j 16:15	19°♑55'24	-1°-4'-47
minimum elong	-4593 Feb 13 j 18:54	20°♑09'25	1°04'35
	-4593 Feb 18 j 09:56	0°♒	
asc. node	-4593 Feb 20 j 09:53	4°♒13'29	
evening rise	-4593 Feb 21 j 00:06	5°♒27'53	
	-4593 Mar 06 j 11:46	0°♓	
evening max el	-4593 Mar 14 j 05:00	9°♓20'35	22°10'17
retrograde	-4593 Mar 26 j 21:18	15°♓29'45	
evening set	-4593 Mar 29 j 18:48	15°♓11'12	
desc. node	-4593 Apr 04 j 08:11	13°♓06'52	
min. Earth dist.	-4593 Apr 07 j 12:08	11°♓23'59	0.55290 AU
inferior conj	-4593 Apr 08 j 02:29	11°♓03'43	-1°-1'-46
minimum elong	-4593 Apr 07 j 23:40	11°♓07'42	1°00'56
morning rise	-4593 Apr 17 j 06:04	7°♓05'24	
direct	-4593 Apr 19 j 21:58	6°♓49'23	
morning max el	-4593 May 01 j 17:29	12°♓23'19	21°18'55
	-4593 May 14 j 11:11	0°♈	
asc. node	-4593 May 19 j 09:40	9°♈23'47	
morning set	-4593 May 21 j 16:17	14°♈01'17	
superior conj	-4593 May 29 j 04:18	29°♈39'19	1°25'49
minimum elong	-4593 May 29 j 01:35	29°♈25'16	1°25'35
	-4593 May 29 j 08:18	0°♉	
max. Earth dist.	-4593 Jun 02 j 02:13	7°♉37'41	1.35253 AU
evening rise	-4593 Jun 06 j 14:32	16°♉26'15	
	-4593 Jun 14 j 02:12	0°♊	
desc. node	-4593 Jul 01 j 06:45	26°♊15'20	
	-4593 Jul 04 j 04:37	0°♋	
evening max el	-4593 Jul 11 j 22:19	8°♋39'28	26°42'32
retrograde	-4593 Jul 24 j 21:51	15°♋58'01	
evening set	-4593 Jul 31 j 13:55	13°♋11'49	
min. Earth dist.	-4593 Aug 04 j 13:34	9°♋04'09	0.65756 AU
inferior conj	-4593 Aug 06 j 06:29	7°♋01'45	-2°-47'-4
minimum elong	-4593 Aug 06 j 09:55	6°♋51'25	2°45'47
morning rise	-4593 Aug 12 j 06:58	1°♋16'25	
direct	-4593 Aug 15 j 05:41	0°♋27'42	
asc. node	-4593 Aug 15 j 09:07	0°♋27'49	
morning max el	-4593 Aug 21 j 22:19	4°♋10'16	18°35'17
	-4593 Sep 08 j 13:03	0°♌	
morning set	-4593 Sep 11 j 02:10	4°♌07'09	
superior conj	-4593 Sep 26 j 14:44	28°♌53'27	0°04'06
minimum elong	-4593 Sep 26 j 15:17	28°♌55'35	0°04'09
behind sun begin	-4593 Sep 26 j 04:13	28°♌11'55	
behind sun end	-4593 Sep 27 j 02:21	29°♌39'15	
desc. node	-4593 Sep 27 j 06:12	29°♌54'26	
	-4593 Sep 27 j 07:37	0°♍	
max. Earth dist.	-4593 Sep 27 j 16:10	0°♍33'41	1.44805 AU
evening rise	-4593 Oct 12 j 22:34	24°♍39'05	
	-4593 Oct 16 j 07:32	0°♎	
evening max el	-4593 Nov 04 j 07:02	27°♎32'27	19°08'28
	-4593 Nov 07 j 02:19	0°♏	
retrograde	-4593 Nov 11 j 06:59	1°♏32'58	
asc. node	-4593 Nov 11 j 07:53	1°♏32'58	
evening set	-4593 Nov 14 j 11:11	0°♏34'33	
	-4593 Nov 15 j 07:20	30°℞♎	
inferior conj	-4593 Nov 20 j 05:21	24°♎42'30	2°43'39
minimum elong	-4593 Nov 20 j 02:15	24°♎52'17	2°42'37
min. Earth dist.	-4593 Nov 21 j 15:15	22°♎55'49	0.65661 AU
morning rise	-4593 Nov 25 j 16:24	18°♎30'51	
direct	-4593 Dec 02 j 01:34	15°♎45'48	
morning max el	-4593 Dec 14 j 19:46	23°♎13'15	26°25'28
	-4593 Dec 20 j 21:39	0°♏	
desc. node	-4593 Dec 24 j 06:14	4°♏14'58	
	-4592 Jan 10 j 10:22	0°♐	
morning set	-4592 Jan 19 j 20:16	16°♐43'19	
max. Earth dist.	-4592 Jan 24 j 01:28	24°♐50'21	1.35126 AU
	-4592 Jan 26 j 15:32	0°♑	
superior conj	-4592 Jan 28 j 15:44	4°♑05'25	-1°-25'-39
minimum elong	-4592 Jan 28 j 18:47	4°♑21'05	1°25'31
evening rise	-4592 Feb 05 j 08:26	20°♑03'28	
asc. node	-4592 Feb 07 j 06:54	24°♑00'17	
	-4592 Feb 10 j 08:10	0°♒	
evening max el	-4592 Feb 24 j 07:23	20°♒30'26	20°45'21
retrograde	-4592 Mar 06 j 11:12	25°♒48'51	
evening set	-4592 Mar 08 j 20:38	25°♒35'09	
inferior conj	-4592 Mar 17 j 22:06	21°♒37'14	0°54'12
minimum elong	-4592 Mar 18 j 00:30	21°♒33'45	0°53'15
min. Earth dist.	-4592 Mar 19 j 02:21	20°♒56'27	0.55322 AU
desc. node	-4592 Mar 21 j 05:21	19°♒45'24	
morning rise	-4592 Mar 27 j 02:51	17°♒22'47	
direct	-4592 Mar 30 j 10:13	16°♒58'58	
morning max el	-4592 Apr 12 j 15:37	23°♒24'54	22°52'47
	-4592 Apr 18 j 11:54	0°♓	
morning set	-4592 May 05 j 03:14	28°♓58'08	
asc. node	-4592 May 05 j 06:39	29°♓15'56	
	-4592 May 05 j 15:04	0°♈	
superior conj	-4592 May 12 j 08:36	14°♈19'16	1°07'18
minimum elong	-4592 May 12 j 06:05	14°♈05'51	1°06'56
max. Earth dist.	-4592 May 14 j 23:33	19°♈50'49	1.34054 AU
	-4592 May 19 j 23:21	0°♉	
evening rise	-4592 May 20 j 03:36	0°♉20'58	
	-4592 Jun 06 j 02:52	0°♊	
desc. node	-4592 Jun 17 j 03:52	15°♊08'32	
evening max el	-4592 Jun 23 j 09:24	21°♊56'16	27°17'50
retrograde	-4592 Jul 06 j 21:01	29°♊21'16	
evening set	-4592 Jul 13 j 22:00	26°♊35'39	
min. Earth dist.	-4592 Jul 17 j 15:05	23°♊04'58	0.64472 AU
inferior conj	-4592 Jul 19 j 21:55	20°♊34'46	-3°-28'-2
minimum elong	-4592 Jul 20 j 01:33	20°♊24'48	3°26'59
morning rise	-4592 Jul 26 j 06:41	15°♊05'28	
direct	-4592 Jul 28 j 23:52	14°♊26'55	
asc. node	-4592 Aug 01 j 06:13	15°♊22'01	
morning max el	-4592 Aug 04 j 12:14	17°♊55'52	18°07'07
	-4592 Aug 13 j 07:19	0°♋	
morning set	-4592 Aug 22 j 09:09	15°♋10'03	
	-4592 Aug 31 j 06:21	0°♌	
superior conj	-4592 Sep 04 j 22:46	7°♌37'30	0°50'16
minimum elong	-4592 Sep 05 j 04:06	7°♌58'58	0°49'48
max. Earth dist.	-4592 Sep 09 j 09:21	14°♌43'58	1.44364 AU
desc. node	-4592 Sep 13 j 03:10	20°♌38'48	
	-4592 Sep 19 j 02:49	0°♍	
evening rise	-4592 Sep 21 j 12:36	3°♍44'06	
	-4592 Oct 08 j 21:39	0°♎	
greatest brilliancy	-4592 Oct 10 j 06:41	1°♎56'34	-0.6m
evening max el	-4592 Oct 17 j 12:49	10°♎59'12	20°01'38
retrograde	-4592 Oct 25 j 04:03	15°♎27'17	
asc. node	-4592 Oct 28 j 05:02	14°♎33'30	
evening set	-4592 Oct 28 j 16:49	14°♎14'38	
inferior conj	-4592 Nov 03 j 06:08	8°♎10'27	1°57'51
minimum elong	-4592 Nov 03 j 03:38	8°♎18'43	1°56'54
min. Earth dist.	-4592 Nov 04 j 03:32	6°♎59'22	0.66556 AU
morning rise	-4592 Nov 08 j 13:49	1°♎54'13	
	-4592 Nov 11 j 11:03	30°℞♍	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4592 Nov 14 j 08:42	29°♍23'20	
	-4592 Nov 17 j 11:15	0°♎	
morning max el	-4592 Nov 26 j 04:45	6°♎24'57	25°12'10
desc. node	-4592 Dec 10 j 03:12	23°♎36'00	
	-4592 Dec 14 j 13:45	0°♏	
morning set	-4591 Jan 01 j 08:27	29°♏02'09	
	-4591 Jan 01 j 21:19	0°♐	
max. Earth dist.	-4591 Jan 05 j 03:24	5°♐58'02	1.36806 AU
superior conj	-4591 Jan 11 j 06:14	17°♐43'33	-1°-42'-14
minimum elong	-4591 Jan 11 j 08:56	17°♐56'52	1°42'15
	-4591 Jan 17 j 08:55	0°♑	
evening rise	-4591 Jan 19 j 12:10	4°♑18'54	
asc. node	-4591 Jan 24 j 03:57	13°♑27'36	
	-4591 Feb 03 j 16:47	0°♒	
evening max el	-4591 Feb 05 j 20:20	2°♒15'38	19°36'32
retrograde	-4591 Feb 15 j 07:56	6°♒45'19	
evening set	-4591 Feb 17 j 16:09	6°♒30'07	
inferior conj	-4591 Feb 26 j 02:58	2°♒25'34	2°33'05
minimum elong	-4591 Feb 26 j 08:03	2°♒17'25	2°31'31
min. Earth dist.	-4591 Feb 28 j 17:02	0°♒46'41	0.56255 AU
	-4591 Mar 01 j 23:55	30°℞♑	
morning rise	-4591 Mar 06 j 20:26	27°♑43'00	
desc. node	-4591 Mar 08 j 02:29	27°♑21'36	
direct	-4591 Mar 11 j 07:18	26°♑58'15	
	-4591 Mar 20 j 07:25	0°♒	
morning max el	-4591 Mar 25 j 07:21	4°♒02'37	24°31'31
	-4591 Apr 12 j 13:57	0°♓	
morning set	-4591 Apr 19 j 15:27	14°♓00'32	
asc. node	-4591 Apr 22 j 03:36	19°♓20'04	
superior conj	-4591 Apr 26 j 17:16	29°♓13'14	0°45'46
minimum elong	-4591 Apr 26 j 15:23	29°♓03'00	0°45'24
	-4591 Apr 27 j 01:55	0°♈	
max. Earth dist.	-4591 Apr 28 j 05:37	2°♈29'15	1.33227 AU
evening rise	-4591 May 04 j 02:15	14°♈45'45	
	-4591 May 12 j 01:19	0°♉	
	-4591 Jun 01 j 05:20	0°♊	
desc. node	-4591 Jun 04 j 01:02	3°♊05'32	
evening max el	-4591 Jun 05 j 18:45	4°♊49'41	27°23'59
retrograde	-4591 Jun 19 j 14:09	12°♊14'26	
evening set	-4591 Jun 26 j 16:58	9°♊43'01	
min. Earth dist.	-4591 Jun 30 j 07:08	6°♊42'10	0.62825 AU
inferior conj	-4591 Jul 03 j 03:33	3°♊54'16	-3°-59'-3
minimum elong	-4591 Jul 03 j 06:24	3°♊47'13	3°58'29
	-4591 Jul 07 j 14:37	30°℞♉	
morning rise	-4591 Jul 09 j 22:05	28°♉43'47	
direct	-4591 Jul 12 j 11:53	28°♉12'48	
	-4591 Jul 17 j 06:07	0°♊	
morning max el	-4591 Jul 19 j 02:58	1°♊36'51	17°56'50
asc. node	-4591 Jul 19 j 03:16	1°♊37'34	
morning set	-4591 Aug 04 j 15:24	27°♊19'12	
	-4591 Aug 06 j 03:43	0°♋	
superior conj	-4591 Aug 16 j 07:17	17°♋34'12	1°24'08
minimum elong	-4591 Aug 16 j 12:45	17°♋57'13	1°23'51
max. Earth dist.	-4591 Aug 22 j 23:11	28°♋34'25	1.43267 AU
	-4591 Aug 23 j 20:21	0°♌	
desc. node	-4591 Aug 31 j 00:09	11°♌20'50	
evening rise	-4591 Aug 31 j 16:10	12°♌23'12	
	-4591 Sep 12 j 06:24	0°♍	
greatest brilliancy	-4591 Sep 25 j 02:42	18°♍05'07	-0.5m
evening max el	-4591 Sep 30 j 12:42	24°♍25'06	21°08'14
retrograde	-4591 Oct 09 j 00:53	29°♍27'13	
evening set	-4591 Oct 13 j 00:33	27°♍57'32	
asc. node	-4591 Oct 15 j 02:11	26°♍01'09	
inferior conj	-4591 Oct 18 j 10:37	21°♍44'35	1°07'39
minimum elong	-4591 Oct 18 j 09:06	21°♍49'47	1°07'04
min. Earth dist.	-4591 Oct 18 j 20:49	21°♍09'39	0.67124 AU
morning rise	-4591 Oct 23 j 17:15	15°♍26'47	
direct	-4591 Oct 28 j 20:51	13°♍15'35	
morning max el	-4591 Nov 08 j 13:37	19°♍39'03	23°47'59
	-4591 Nov 17 j 08:25	0°♎	
desc. node	-4591 Nov 27 j 00:09	13°♎26'18	
	-4591 Dec 07 j 18:25	0°♏	
morning set	-4591 Dec 13 j 21:19	10°♏08'13	
max. Earth dist.	-4591 Dec 17 j 23:23	17°♏13'18	1.38797 AU
	-4591 Dec 24 j 23:33	0°♐	
superior conj	-4591 Dec 25 j 07:54	0°♐39'16	-1°-52'-6
minimum elong	-4591 Dec 25 j 09:07	0°♐45'00	1°52'16
evening rise	-4590 Jan 03 j 08:54	18°♐07'55	
	-4590 Jan 09 j 15:16	0°♑	
asc. node	-4590 Jan 11 j 01:00	2°♑28'40	
evening max el	-4590 Jan 19 j 19:05	14°♑35'12	18°46'58
retrograde	-4590 Jan 27 j 21:20	18°♑29'30	
evening set	-4590 Jan 30 j 07:54	18°♑09'37	
inferior conj	-4590 Feb 07 j 02:11	13°♑47'22	3°35'56
minimum elong	-4590 Feb 07 j 06:03	13°♑40'13	3°35'04
min. Earth dist.	-4590 Feb 10 j 09:04	11°♑22'33	0.57862 AU
morning rise	-4590 Feb 15 j 00:32	8°♑37'06	
direct	-4590 Feb 20 j 17:10	7°♑18'08	
desc. node	-4590 Feb 22 j 23:35	7°♑30'40	
morning max el	-4590 Mar 06 j 22:49	14°♑43'25	26°01'09
	-4590 Mar 19 j 03:58	0°♒	
morning set	-4590 Apr 04 j 03:17	29°♒02'41	
	-4590 Apr 04 j 14:12	0°♓	
asc. node	-4590 Apr 09 j 00:33	9°♓31'40	
superior conj	-4590 Apr 11 j 04:21	14°♓14'34	0°22'17
minimum elong	-4590 Apr 11 j 03:23	14°♓09'16	0°22'00
max. Earth dist.	-4590 Apr 11 j 17:26	15°♓25'58	1.32747 AU
evening rise	-4590 Apr 18 j 07:25	29°♓30'30	
	-4590 Apr 18 j 13:07	0°♈	
	-4590 May 05 j 06:37	0°♉	
evening max el	-4590 May 18 j 23:51	17°♉08'08	26°57'24
desc. node	-4590 May 21 j 22:09	19°♉42'53	
retrograde	-4590 Jun 01 j 23:52	24°♉29'31	
evening set	-4590 Jun 08 j 18:47	22°♉25'57	
min. Earth dist.	-4590 Jun 12 j 13:23	19°♉42'07	0.60898 AU
inferior conj	-4590 Jun 15 j 20:01	16°♉52'46	-4°-14'-34
minimum elong	-4590 Jun 15 j 20:49	16°♉51'03	4°14'25
morning rise	-4590 Jun 23 j 01:53	12°♉03'30	
direct	-4590 Jun 25 j 13:59	11°♉38'16	
morning max el	-4590 Jul 02 j 15:48	15°♉07'05	18°05'24
asc. node	-4590 Jul 06 j 00:18	18°♉59'12	
	-4590 Jul 12 j 23:19	0°♊	
morning set	-4590 Jul 18 j 15:30	10°♊20'47	
superior conj	-4590 Jul 28 j 19:10	28°♊52'33	1°43'11
minimum elong	-4590 Jul 28 j 22:07	29°♊05'36	1°43'15
	-4590 Jul 29 j 10:26	0°♋	
max. Earth dist.	-4590 Aug 05 j 07:53	11°♋50'48	1.41663 AU
evening rise	-4590 Aug 11 j 05:40	21°♋31'34	
	-4590 Aug 16 j 14:44	0°♌	
desc. node	-4590 Aug 17 j 21:07	1°♌57'08	
	-4590 Sep 06 j 12:29	0°♍	
greatest brilliancy	-4590 Sep 08 j 13:02	2°♍31'22	-0.3m
evening max el	-4590 Sep 13 j 06:24	7°♍50'03	22°24'33
retrograde	-4590 Sep 22 j 19:50	13°♍30'30	
evening set	-4590 Sep 27 j 08:33	11°♍41'31	
asc. node	-4590 Oct 01 j 23:20	6°♍23'44	
inferior conj	-4590 Oct 02 j 16:55	5°♍23'09	0°15'01
minimum elong	-4590 Oct 02 j 16:34	5°♍24'22	0°14'58

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

transit middle	-4590 Oct 02 j 16:34	5°♍24'22	0°14'58
transit begin	-4590 Oct 02 j 15:28	5°♍28'09	
transit end	-4590 Oct 02 j 17:39	5°♍20'36	
min. Earth dist.	-4590 Oct 02 j 16:42	5°♍23'55	0.67384 AU
	-4590 Oct 07 j 00:54	30°℞♌	
morning rise	-4590 Oct 08 j 00:28	29°♌06'48	
direct	-4590 Oct 12 j 13:10	27°♌17'14	
	-4590 Oct 18 j 19:22	0°♍	
morning max el	-4590 Oct 22 j 01:18	2°♍56'49	22°22'11
greatest brilliancy	-4590 Oct 26 j 18:33	8°♍16'45	-0.3m
	-4590 Nov 11 j 11:10	0°♎	
desc. node	-4590 Nov 13 j 21:04	3°♎37'17	
morning set	-4590 Nov 24 j 05:59	19°♎50'54	
max. Earth dist.	-4590 Nov 29 j 21:37	29°♎11'02	1.40853 AU
	-4590 Nov 30 j 09:12	0°♏	
superior conj	-4590 Dec 07 j 15:40	12°♏39'05	-1°-52'-8
minimum elong	-4590 Dec 07 j 14:03	12°♏31'51	1°52'15
	-4590 Dec 17 j 01:51	0°♐	
evening rise	-4590 Dec 17 j 19:36	1°♐23'14	
asc. node	-4590 Dec 28 j 22:05	20°♐54'34	
evening max el	-4589 Jan 03 j 01:15	27°♐21'32	18°17'27
	-4589 Jan 06 j 13:40	0°♑	
retrograde	-4589 Jan 10 j 05:18	0°♑56'12	
evening set	-4589 Jan 12 j 18:12	0°♑30'19	
	-4589 Jan 14 j 00:02	30°℞♐	
inferior conj	-4589 Jan 19 j 21:42	25°♐46'10	4°02'33
minimum elong	-4589 Jan 19 j 22:42	25°♐44'01	4°02'17
min. Earth dist.	-4589 Jan 23 j 05:22	22°♐56'01	0.59811 AU
morning rise	-4589 Jan 27 j 00:11	20°♐14'11	
direct	-4589 Feb 02 j 14:37	18°♐16'34	
desc. node	-4589 Feb 09 j 20:40	20°♐26'39	
morning max el	-4589 Feb 16 j 19:14	25°♐52'30	27°07'03
	-4589 Feb 20 j 16:19	0°♑	
	-4589 Mar 12 j 11:05	0°♒	
morning set	-4589 Mar 19 j 12:55	13°♒56'52	
superior conj	-4589 Mar 26 j 16:05	29°♒15'54	0°-2'-21
minimum elong	-4589 Mar 26 j 16:12	29°♒16'29	0°02'28
behind sun begin	-4589 Mar 26 j 11:15	28°♒49'22	
behind sun end	-4589 Mar 26 j 21:09	29°♒43'36	
max. Earth dist.	-4589 Mar 26 j 07:03	28°♒26'26	1.32596 AU
asc. node	-4589 Mar 26 j 21:30	29°♒45'33	
	-4589 Mar 27 j 00:09	0°♓	
evening rise	-4589 Apr 02 j 16:35	14°♓25'18	
	-4589 Apr 10 j 14:32	0°♈	
evening max el	-4589 Apr 30 j 22:39	28°♈43'42	25°59'20
	-4589 May 02 j 07:48	0°♉	
desc. node	-4589 May 08 j 19:17	4°♉27'54	
retrograde	-4589 May 15 j 00:46	5°♉59'50	
evening set	-4589 May 20 j 23:50	4°♉33'12	
min. Earth dist.	-4589 May 25 j 11:14	1°♉49'46	0.58862 AU
	-4589 May 27 j 22:22	30°℞♈	
inferior conj	-4589 May 28 j 19:36	29°♈19'53	-4°-6'-28
minimum elong	-4589 May 28 j 17:10	29°♈24'28	4°06'10
morning rise	-4589 Jun 05 j 14:23	24°♈52'51	
direct	-4589 Jun 08 j 01:41	24°♈32'19	
morning max el	-4589 Jun 15 j 23:55	28°♈18'05	18°33'45
	-4589 Jun 17 j 15:20	0°♉	
asc. node	-4589 Jun 22 j 21:18	7°♉11'56	
morning set	-4589 Jul 02 j 04:43	24°♉02'26	
	-4589 Jul 05 j 06:47	0°♊	
superior conj	-4589 Jul 11 j 05:57	11°♊20'33	1°49'22
minimum elong	-4589 Jul 11 j 06:11	11°♊21'42	1°49'34
max. Earth dist.	-4589 Jul 18 j 11:13	24°♊23'33	1.39764 AU
	-4589 Jul 21 j 17:19	0°♋	
evening rise	-4589 Jul 22 j 19:01	1°♋48'28	
desc. node	-4589 Aug 04 j 18:07	22°♋23'42	
	-4589 Aug 09 j 22:40	0°♌	
evening max el	-4589 Aug 26 j 19:15	21°♌15'43	23°45'21
retrograde	-4589 Sep 06 j 11:49	27°♌34'26	
evening set	-4589 Sep 11 j 15:02	25°♌25'24	
inferior conj	-4589 Sep 16 j 23:19	19°♌04'58	0°-38'-20
minimum elong	-4589 Sep 17 j 00:13	19°♌01'56	0°37'48
min. Earth dist.	-4589 Sep 16 j 12:48	19°♌40'51	0.67341 AU
asc. node	-4589 Sep 18 j 20:28	16°♌34'37	
morning rise	-4589 Sep 22 j 09:32	12°♌53'07	
direct	-4589 Sep 26 j 08:47	11°♌24'16	
morning max el	-4589 Oct 04 j 18:53	16°♌21'56	21°02'18
greatest brilliancy	-4589 Oct 10 j 10:34	23°♌00'16	-0.5m
	-4589 Oct 15 j 14:15	0°♍	
desc. node	-4589 Oct 31 j 17:58	24°♍02'51	
morning set	-4589 Nov 03 j 13:17	28°♍24'18	
	-4589 Nov 04 j 13:43	0°♎	
max. Earth dist.	-4589 Nov 12 j 02:30	12°♎02'18	1.42676 AU
superior conj	-4589 Nov 18 j 23:49	23°♎28'54	-1°-38'-40
minimum elong	-4589 Nov 18 j 18:39	23°♎07'01	1°38'23
	-4589 Nov 22 j 19:03	0°♏	
evening rise	-4589 Nov 30 j 16:33	13°♏56'58	
	-4589 Dec 09 j 20:55	0°♐	
asc. node	-4589 Dec 15 j 19:11	8°♐34'42	
evening max el	-4589 Dec 17 j 12:07	10°♐27'16	18°07'49
retrograde	-4589 Dec 24 j 04:27	13°♐55'50	
evening set	-4589 Dec 26 j 19:52	13°♐23'03	
inferior conj	-4588 Jan 02 j 11:10	8°♐17'09	4°01'16
minimum elong	-4588 Jan 02 j 09:43	8°♐20'45	4°00'58
min. Earth dist.	-4588 Jan 05 j 09:28	5°♐24'48	0.61782 AU
morning rise	-4588 Jan 08 j 21:18	2°♐29'26	
direct	-4588 Jan 15 j 21:57	0°♐00'06	
desc. node	-4588 Jan 27 j 17:44	5°♐40'59	
morning max el	-4588 Jan 29 j 22:07	7°♐42'15	27°39'17
	-4588 Feb 16 j 00:13	0°♑	
morning set	-4588 Mar 02 j 18:22	28°♑36'02	
	-4588 Mar 03 j 10:44	0°♒	
max. Earth dist.	-4588 Mar 08 j 18:36	11°♒16'38	1.32789 AU
superior conj	-4588 Mar 10 j 02:52	14°♒11'30	0°-27'-15
minimum elong	-4588 Mar 10 j 04:05	14°♒18'06	0°27'12
asc. node	-4588 Mar 12 j 18:29	19°♒57'39	
evening rise	-4588 Mar 17 j 03:50	29°♒23'08	
	-4588 Mar 17 j 10:51	0°♓	
	-4588 Apr 03 j 09:55	0°♈	
evening max el	-4588 Apr 11 j 15:57	9°♈42'45	24°37'13
desc. node	-4588 Apr 24 j 16:26	16°♈43'59	
retrograde	-4588 Apr 25 j 15:01	16°♈46'02	
evening set	-4588 Apr 30 j 08:07	15°♈55'39	
min. Earth dist.	-4588 May 06 j 04:01	12°♈56'55	0.57007 AU
inferior conj	-4588 May 08 j 23:28	11°♈07'31	-3°-24'-48
minimum elong	-4588 May 08 j 18:08	11°♈16'14	3°23'41
morning rise	-4588 May 17 j 08:21	6°♈59'42	
direct	-4588 May 19 j 18:59	6°♈43'00	
morning max el	-4588 May 29 j 00:30	11°♈00'40	19°22'25
asc. node	-4588 Jun 08 j 18:17	26°♈03'49	
	-4588 Jun 10 j 21:40	0°♉	
morning set	-4588 Jun 15 j 03:20	8°♉14'41	
superior conj	-4588 Jun 23 j 09:51	24°♉41'59	1°45'37
minimum elong	-4588 Jun 23 j 08:14	24°♉34'05	1°45'43
	-4588 Jun 26 j 03:46	0°♊	
max. Earth dist.	-4588 Jun 29 j 12:43	6°♊19'31	1.37835 AU
evening rise	-4588 Jul 03 j 10:31	13°♊22'53	
	-4588 Jul 13 j 08:22	0°♋	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4588 Jul 21 j 15:08	12°♋35'10	
	-4588 Aug 03 j 20:21	0°♌	
evening max el	-4588 Aug 08 j 05:51	4°♌43'59	25°03'42
retrograde	-4588 Aug 19 j 23:50	11°♌34'37	
evening set	-4588 Aug 25 j 18:11	9°♌07'08	
min. Earth dist.	-4588 Aug 30 j 06:45	3°♌58'30	0.66993 AU
inferior conj	-4588 Aug 31 j 04:06	2°♌48'03	-1°-30'-46
minimum elong	-4588 Aug 31 j 06:10	2°♌41'12	1°29'45
	-4588 Sep 02 j 08:51	30°℞♋	
asc. node	-4588 Sep 04 j 17:36	27°♋32'00	
morning rise	-4588 Sep 05 j 18:36	26°♋43'46	
direct	-4588 Sep 09 j 06:28	25°♋33'02	
	-4588 Sep 16 j 21:27	0°♌	
morning max el	-4588 Sep 16 j 19:34	29°♋55'12	19°53'30
greatest brilliancy	-4588 Sep 24 j 13:54	9°♌38'23	-0.6m
	-4588 Oct 08 j 04:39	0°♍	
morning set	-4588 Oct 12 j 11:56	6°♍39'00	
desc. node	-4588 Oct 17 j 14:52	14°♍37'48	
max. Earth dist.	-4588 Oct 24 j 13:55	25°♍36'53	1.44024 AU
	-4588 Oct 27 j 07:40	0°♎	
superior conj	-4588 Oct 29 j 04:19	3°♎00'04	-1°-8'-53
minimum elong	-4588 Oct 28 j 21:35	2°♎32'48	1°08'08
evening rise	-4588 Nov 11 j 19:05	25°♎38'34	
	-4588 Nov 14 j 08:27	0°♏	
evening max el	-4588 Nov 30 j 00:49	23°♏44'45	18°17'23
asc. node	-4588 Dec 01 j 16:19	25°♏15'01	
retrograde	-4588 Dec 06 j 14:13	27°♏18'14	
evening set	-4588 Dec 09 j 09:14	26°♏37'08	
inferior conj	-4588 Dec 15 j 14:45	21°♏11'20	3°40'40
minimum elong	-4588 Dec 15 j 11:54	21°♏19'11	3°40'01
min. Earth dist.	-4588 Dec 17 j 23:13	18°♏35'58	0.63549 AU
morning rise	-4588 Dec 21 j 12:58	15°♏12'12	
direct	-4588 Dec 28 j 13:21	12°♏25'12	
morning max el	-4587 Jan 11 j 05:36	20°♏08'30	27°35'23
desc. node	-4587 Jan 13 j 14:46	22°♏36'50	
	-4587 Jan 19 j 18:37	0°♐	
	-4587 Feb 07 j 23:05	0°♑	
morning set	-4587 Feb 14 j 17:09	12°♑51'21	
max. Earth dist.	-4587 Feb 20 j 00:04	23°♑42'30	1.33356 AU
superior conj	-4587 Feb 22 j 10:57	28°♑55'15	0°-51'-32
minimum elong	-4587 Feb 22 j 13:09	29°♑07'02	0°51'21
	-4587 Feb 22 j 23:02	0°♒	
asc. node	-4587 Feb 27 j 15:29	10°♒03'52	
evening rise	-4587 Mar 01 j 15:22	14°♒17'26	
	-4587 Mar 09 j 15:17	0°♓	
evening max el	-4587 Mar 24 j 08:20	20°♓26'48	23°03'49
retrograde	-4587 Apr 06 j 16:36	27°♓00'42	
evening set	-4587 Apr 10 j 02:58	26°♓34'55	
desc. node	-4587 Apr 11 j 13:35	26°♓09'37	
min. Earth dist.	-4587 Apr 17 j 18:57	23°♓09'10	0.55685 AU
inferior conj	-4587 Apr 19 j 08:14	22°♓14'45	-2°-3'-39
minimum elong	-4587 Apr 19 j 03:12	22°♓22'06	2°02'11
morning rise	-4587 Apr 28 j 06:19	18°♓16'51	
direct	-4587 Apr 30 j 18:20	18°♓01'48	
morning max el	-4587 May 11 j 15:07	23°♓05'58	20°31'06
	-4587 May 17 j 12:45	0°♈	
asc. node	-4587 May 26 j 15:17	15°♈25'22	
morning set	-4587 May 30 j 08:35	22°♈50'18	
	-4587 Jun 02 j 20:10	0°♉	
superior conj	-4587 Jun 07 j 02:05	8°♉43'00	1°34'38
minimum elong	-4587 Jun 06 j 23:33	8°♉30'05	1°34'31
max. Earth dist.	-4587 Jun 11 j 19:04	18°♉05'17	1.36105 AU
evening rise	-4587 Jun 16 j 00:00	26°♉04'43	
	-4587 Jun 18 j 03:25	0°♊	

	-4587 Jul 06 j 18:45	0°♋	
desc. node	-4587 Jul 08 j 12:13	2°♋24'53	
evening max el	-4587 Jul 21 j 16:40	18°♋14'59	26°11'32
retrograde	-4587 Aug 03 j 07:16	25°♋26'27	
evening set	-4587 Aug 09 j 15:57	22°♋45'11	
min. Earth dist.	-4587 Aug 13 j 20:10	18°♋14'46	0.66312 AU
inferior conj	-4587 Aug 15 j 05:27	16°♋30'50	-2°-20'-28
minimum elong	-4587 Aug 15 j 08:30	16°♋21'18	2°19'11
morning rise	-4587 Aug 21 j 01:50	10°♋37'24	
asc. node	-4587 Aug 22 j 14:42	9°♋55'53	
direct	-4587 Aug 24 j 04:40	9°♋41'31	
morning max el	-4587 Aug 31 j 02:54	13°♋36'11	18°59'08
	-4587 Sep 12 j 02:07	0°♌	
morning set	-4587 Sep 22 j 01:05	15°♌40'39	
	-4587 Oct 01 j 02:47	0°♍	
desc. node	-4587 Oct 04 j 11:48	5°♍19'01	
max. Earth dist.	-4587 Oct 07 j 06:09	9°♍40'29	1.44731 AU
superior conj	-4587 Oct 08 j 09:47	11°♍29'30	0°-24'-33
minimum elong	-4587 Oct 08 j 06:37	11°♍17'01	0°24'03
	-4587 Oct 20 j 00:43	0°♎	
evening rise	-4587 Oct 23 j 22:38	6°♎19'25	
	-4587 Nov 07 j 21:08	0°♏	
evening max el	-4587 Nov 13 j 12:43	7°♏08'54	18°45'01
asc. node	-4587 Nov 18 j 13:29	10°♏40'24	
retrograde	-4587 Nov 20 j 06:44	10°♏56'46	
evening set	-4587 Nov 23 j 07:04	10°♏05'18	
inferior conj	-4587 Nov 29 j 04:51	4°♏22'06	3°07'06
minimum elong	-4587 Nov 29 j 01:37	4°♏31'51	3°06'08
min. Earth dist.	-4587 Nov 30 j 22:44	2°♏15'50	0.64997 AU
	-4587 Dec 02 j 22:56	30°℞♎	
morning rise	-4587 Dec 04 j 19:04	28°♎14'30	
direct	-4587 Dec 11 j 11:22	25°♎24'59	
	-4587 Dec 21 j 07:57	0°♏	
morning max el	-4587 Dec 24 j 15:01	3°♏00'53	26°58'41
desc. node	-4587 Dec 31 j 11:46	10°♏44'54	
	-4586 Jan 14 j 01:46	0°♐	
morning set	-4586 Jan 29 j 06:05	26°♐32'07	
	-4586 Jan 31 j 00:50	0°♑	
max. Earth dist.	-4586 Feb 02 j 19:55	5°♑34'45	1.34350 AU
superior conj	-4586 Feb 06 j 14:18	13°♑20'08	-1°-14'-3
minimum elong	-4586 Feb 06 j 17:11	13°♑35'14	1°13'51
evening rise	-4586 Feb 14 j 01:25	29°♑01'54	
asc. node	-4586 Feb 14 j 12:31	29°♑59'28	
	-4586 Feb 14 j 12:38	0°♒	
	-4586 Mar 04 j 21:07	0°♓	
evening max el	-4586 Mar 06 j 05:50	1°♓21'51	21°32'37
retrograde	-4586 Mar 18 j 07:36	7°♓09'27	
evening set	-4586 Mar 20 j 22:19	6°♓54'03	
desc. node	-4586 Mar 29 j 10:46	3°♓18'47	
inferior conj	-4586 Mar 30 j 04:55	2°♓53'17	0°-12'-30
minimum elong	-4586 Mar 30 j 04:19	2°♓54'07	0°12'26
transit middle	-4586 Mar 30 j 04:19	2°♓54'07	0°12'26
transit begin	-4586 Mar 30 j 01:47	2°♓57'41	
transit end	-4586 Mar 30 j 06:52	2°♓50'32	
min. Earth dist.	-4586 Mar 30 j 09:08	2°♓47'20	0.55188 AU
	-4586 Apr 04 j 19:18	30°℞♒	
morning rise	-4586 Apr 08 j 10:25	28°♒50'03	
direct	-4586 Apr 11 j 07:32	28°♒31'45	
	-4586 Apr 17 j 11:38	0°♓	
morning max el	-4586 Apr 23 j 18:43	4°♓28'57	21°57'26
	-4586 May 10 j 22:39	0°♈	
asc. node	-4586 May 13 j 12:15	5°♈08'16	
morning set	-4586 May 14 j 18:01	7°♈41'27	
superior conj	-4586 May 22 j 02:49	23°♈11'21	1°18'24

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4586 May 22 j 00:07	22°♈57'12	1°18'06
	-4586 May 25 j 09:46	0°♉	
max. Earth dist.	-4586 May 25 j 10:55	0°♉05'53	1.34703 AU
evening rise	-4586 May 30 j 05:51	9°♉37'07	
	-4586 Jun 10 j 15:04	0°♊	
desc. node	-4586 Jun 25 j 09:20	21°♊42'27	
	-4586 Jul 02 j 12:00	0°♋	
evening max el	-4586 Jul 04 j 04:10	1°♋40'48	27°00'47
retrograde	-4586 Jul 17 j 09:23	9°♋02'20	
evening set	-4586 Jul 24 j 05:51	6°♋15'16	
min. Earth dist.	-4586 Jul 28 j 02:35	2°♋23'35	0.65261 AU
inferior conj	-4586 Jul 30 j 01:12	0°♋08'52	-3°-5'-23
minimum elong	-4586 Jul 30 j 04:49	29°♊58'23	3°04'10
	-4586 Jul 30 j 04:16	30°℞♊	
morning rise	-4586 Aug 05 j 05:00	24°♊29'41	
direct	-4586 Aug 08 j 01:10	23°♊45'30	
asc. node	-4586 Aug 09 j 11:47	23°♊56'48	
morning max el	-4586 Aug 14 j 15:03	27°♊21'09	18°21'05
	-4586 Aug 16 j 23:11	0°♋	
morning set	-4586 Sep 02 j 16:40	25°♋59'49	
	-4586 Sep 05 j 03:10	0°♌	
superior conj	-4586 Sep 17 j 10:08	19°♌48'56	0°24'45
minimum elong	-4586 Sep 17 j 13:13	20°♌01'10	0°24'30
max. Earth dist.	-4586 Sep 20 j 00:27	23°♌55'40	1.44711 AU
desc. node	-4586 Sep 21 j 08:45	26°♌03'07	
	-4586 Sep 23 j 20:57	0°♍	
evening rise	-4586 Oct 04 j 01:09	15°♍56'24	
	-4586 Oct 13 j 01:41	0°♎	
greatest brilliancy	-4586 Oct 18 j 19:54	8°♎44'25	-0.7m
evening max el	-4586 Oct 27 j 21:22	20°♎35'45	19°29'20
retrograde	-4586 Nov 04 j 02:52	24°♎46'39	
asc. node	-4586 Nov 05 j 10:36	24°♎36'32	
evening set	-4586 Nov 07 j 10:32	23°♎42'21	
inferior conj	-4586 Nov 13 j 02:26	17°♎44'48	2°24'53
minimum elong	-4586 Nov 12 j 23:32	17°♎54'09	2°23'51
min. Earth dist.	-4586 Nov 14 j 06:48	16°♎13'17	0.66086 AU
morning rise	-4586 Nov 18 j 11:46	11°♎31'08	
direct	-4586 Nov 24 j 15:11	8°♎51'17	
morning max el	-4586 Dec 07 j 00:27	16°♎08'35	25°56'19
desc. node	-4586 Dec 18 j 08:46	29°♎44'00	
	-4586 Dec 18 j 13:30	0°♏	
	-4585 Jan 06 j 22:27	0°♐	
morning set	-4585 Jan 12 j 04:51	9°♐25'26	
max. Earth dist.	-4585 Jan 16 j 04:20	16°♐55'28	1.35792 AU
superior conj	-4585 Jan 21 j 10:25	27°♐18'21	-1°-33'-21
minimum elong	-4585 Jan 21 j 13:26	27°♐33'35	1°33'15
	-4585 Jan 22 j 18:16	0°♑	
evening rise	-4585 Jan 29 j 08:06	13°♑30'21	
asc. node	-4585 Feb 01 j 09:34	19°♑39'19	
	-4585 Feb 07 j 00:04	0°♒	
evening max el	-4585 Feb 16 j 12:39	12°♒46'39	20°13'51
retrograde	-4585 Feb 26 j 22:47	17°♒43'08	
evening set	-4585 Mar 01 j 07:06	17°♒29'12	
inferior conj	-4585 Mar 10 j 02:53	13°♒30'03	1°39'49
minimum elong	-4585 Mar 10 j 06:57	13°♒23'59	1°38'22
min. Earth dist.	-4585 Mar 11 j 23:09	12°♒24'05	0.55620 AU
desc. node	-4585 Mar 16 j 07:54	10°♒06'02	
morning rise	-4585 Mar 19 j 04:20	9°♒04'55	
direct	-4585 Mar 22 j 22:29	8°♒34'03	
morning max el	-4585 Apr 05 j 13:23	15°♒17'39	23°34'55
	-4585 Apr 17 j 01:48	0°♓	
morning set	-4585 Apr 29 j 05:45	22°♓42'02	
asc. node	-4585 Apr 30 j 09:14	25°♓06'37	
	-4585 May 02 j 16:14	0°♈	

superior conj	-4585 May 06 j 09:15	7°♈58'23	0°58'28
minimum elong	-4585 May 06 j 06:56	7°♈46'03	0°58'05
max. Earth dist.	-4585 May 08 j 12:35	12°♈31'54	1.33666 AU
evening rise	-4585 May 13 j 23:27	23°♈46'16	
	-4585 May 17 j 03:56	0°♉	
	-4585 Jun 04 j 06:12	0°♊	
desc. node	-4585 Jun 12 j 06:26	10°♊14'07	
evening max el	-4585 Jun 16 j 14:51	14°♊49'25	27°24'10
retrograde	-4585 Jun 30 j 05:47	22°♊14'01	
evening set	-4585 Jul 07 j 08:46	19°♊32'39	
min. Earth dist.	-4585 Jul 11 j 00:03	16°♊16'01	0.63824 AU
inferior conj	-4585 Jul 13 j 12:50	13°♊36'54	-3°-42'-40
minimum elong	-4585 Jul 13 j 16:16	13°♊27'51	3°41'48
morning rise	-4585 Jul 20 j 01:35	8°♊15'18	
direct	-4585 Jul 22 j 17:12	7°♊40'07	
asc. node	-4585 Jul 27 j 08:51	9°♊27'28	
morning max el	-4585 Jul 29 j 05:37	11°♊05'27	18°00'28
	-4585 Aug 11 j 01:03	0°♋	
morning set	-4585 Aug 15 j 10:10	7°♋32'44	
superior conj	-4585 Aug 28 j 03:22	29°♋00'25	1°06'28
minimum elong	-4585 Aug 28 j 09:16	29°♋24'37	1°06'01
	-4585 Aug 28 j 17:55	0°♌	
max. Earth dist.	-4585 Sep 02 j 17:03	8°♌01'35	1.43975 AU
desc. node	-4585 Sep 08 j 05:42	16°♌46'48	
evening rise	-4585 Sep 13 j 08:30	24°♌44'42	
	-4585 Sep 16 j 18:28	0°♍	
greatest brilliancy	-4585 Oct 04 j 16:30	26°♍21'28	-0.5m
	-4585 Oct 07 j 12:01	0°♎	
evening max el	-4585 Oct 11 j 00:41	4°♎01'59	20°28'29
retrograde	-4585 Oct 19 j 00:06	8°♎43'52	
evening set	-4585 Oct 22 j 17:18	7°♎24'05	
asc. node	-4585 Oct 23 j 07:44	6°♎56'06	
inferior conj	-4585 Oct 28 j 05:00	1°♎15'31	1°36'56
minimum elong	-4585 Oct 28 j 02:53	1°♎22'38	1°36'07
min. Earth dist.	-4585 Oct 28 j 21:24	0°♎20'11	0.66834 AU
	-4585 Oct 29 j 03:25	30°℞♍	
morning rise	-4585 Nov 02 j 12:00	24°♍58'23	
direct	-4585 Nov 08 j 00:19	22°♍35'44	
morning max el	-4585 Nov 19 j 09:17	29°♍22'09	24°37'13
	-4585 Nov 20 j 00:06	0°♎	
desc. node	-4585 Dec 05 j 05:43	19°♎18'41	
	-4585 Dec 12 j 10:00	0°♏	
morning set	-4585 Dec 25 j 07:50	21°♏15'01	
max. Earth dist.	-4585 Dec 29 j 03:13	28°♏03'29	1.37627 AU
	-4585 Dec 30 j 04:40	0°♐	
superior conj	-4584 Jan 04 j 19:55	10°♐39'28	-1°-47'-25
minimum elong	-4584 Jan 04 j 22:09	10°♐50'17	1°47'30
evening rise	-4584 Jan 13 j 09:10	27°♐35'26	
	-4584 Jan 14 j 14:22	0°♑	
asc. node	-4584 Jan 19 j 06:37	8°♑56'31	
evening max el	-4584 Jan 30 j 05:48	24°♑46'12	19°12'58
retrograde	-4584 Feb 08 j 02:13	28°♑59'29	
evening set	-4584 Feb 10 j 11:10	28°♑42'35	
inferior conj	-4584 Feb 18 j 14:51	24°♑31'03	3°04'31
minimum elong	-4584 Feb 18 j 19:47	24°♑22'38	3°03'11
min. Earth dist.	-4584 Feb 21 j 14:03	22°♑30'44	0.56870 AU
morning rise	-4584 Feb 27 j 00:41	19°♑36'00	
desc. node	-4584 Mar 02 j 05:01	18°♑39'50	
direct	-4584 Mar 03 j 00:18	18°♑38'19	
morning max el	-4584 Mar 17 j 04:22	25°♑53'20	25°11'47
	-4584 Mar 21 j 01:13	0°♒	
	-4584 Apr 08 j 22:56	0°♓	
morning set	-4584 Apr 12 j 18:01	7°♓45'12	
asc. node	-4584 Apr 16 j 06:12	15°♓14'36	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4584 Apr 19 j 19:09	22°♓56'14	0°36'00
minimum elong	-4584 Apr 19 j 17:37	22°♓47'56	0°35'39
max. Earth dist.	-4584 Apr 20 j 21:29	25°♓19'09	1.32978 AU
	-4584 Apr 23 j 01:39	0°♈	
evening rise	-4584 Apr 27 j 01:09	8°♈20'19	
	-4584 May 08 j 14:28	0°♉	
evening max el	-4584 May 28 j 22:26	27°♉28'31	27°16'36
desc. node	-4584 May 29 j 03:32	27°♉40'40	
	-4584 May 31 j 18:48	0°♊	
retrograde	-4584 Jun 11 j 19:59	4°♊52'36	
evening set	-4584 Jun 18 j 21:00	2°♊31'04	
	-4584 Jun 22 j 02:30	30°℞♉	
min. Earth dist.	-4584 Jun 22 j 11:40	29°♉39'42	0.62034 AU
inferior conj	-4584 Jun 25 j 13:17	26°♉48'32	-4°-7'-59
minimum elong	-4584 Jun 25 j 15:27	26°♉43'29	4°07'36
morning rise	-4584 Jul 02 j 12:30	21°♉47'13	
direct	-4584 Jul 05 j 01:24	21°♉18'55	
morning max el	-4584 Jul 11 j 19:58	24°♉43'27	17°58'09
asc. node	-4584 Jul 13 j 05:53	26°♉13'21	
	-4584 Jul 16 j 04:11	0°♊	
morning set	-4584 Jul 28 j 00:39	20°♊06'00	
	-4584 Aug 02 j 12:49	0°♋	
superior conj	-4584 Aug 07 j 23:52	9°♋33'25	1°33'58
minimum elong	-4584 Aug 08 j 04:25	9°♋52'56	1°33'51
max. Earth dist.	-4584 Aug 15 j 04:43	21°♋39'06	1.42631 AU
	-4584 Aug 20 j 08:47	0°♌	
evening rise	-4584 Aug 22 j 13:50	3°♌29'39	
desc. node	-4584 Aug 25 j 02:39	7°♌27'03	
	-4584 Sep 09 j 05:29	0°♍	
greatest brilliancy	-4584 Sep 17 j 22:27	11°♍45'22	-0.4m
evening max el	-4584 Sep 22 j 21:45	17°♍27'15	21°39'44
retrograde	-4584 Oct 01 j 20:27	22°♍45'59	
evening set	-4584 Oct 06 j 01:22	21°♍08'19	
asc. node	-4584 Oct 09 j 04:52	17°♍51'42	
inferior conj	-4584 Oct 11 j 10:30	14°♍52'23	0°45'31
minimum elong	-4584 Oct 11 j 09:28	14°♍55'58	0°45'09
min. Earth dist.	-4584 Oct 11 j 16:10	14°♍32'49	0.67266 AU
morning rise	-4584 Oct 16 j 17:17	8°♍34'38	
direct	-4584 Oct 21 j 14:17	6°♍32'46	
morning max el	-4584 Oct 31 j 19:05	12°♍38'26	23°11'10
greatest brilliancy	-4584 Nov 05 j 23:18	18°♍28'33	-0.3m
	-4584 Nov 14 j 16:16	0°♎	
desc. node	-4584 Nov 21 j 02:40	9°♎18'56	
	-4584 Dec 04 j 07:21	0°♏	
morning set	-4584 Dec 05 j 09:04	1°♏46'28	
max. Earth dist.	-4584 Dec 09 j 23:05	9°♏33'01	1.39679 AU
superior conj	-4584 Dec 17 j 14:35	23°♏12'51	-1°-53'-31
minimum elong	-4584 Dec 17 j 14:45	23°♏13'39	1°53'44
	-4584 Dec 21 j 05:43	0°♐	
evening rise	-4584 Dec 27 j 02:01	11°♐10'59	
asc. node	-4583 Jan 05 j 03:40	27°♐43'49	
	-4583 Jan 06 j 14:00	0°♑	
evening max el	-4583 Jan 12 j 07:59	7°♑17'51	18°31'56
retrograde	-4583 Jan 19 j 23:36	11°♑02'04	
evening set	-4583 Jan 22 j 11:02	10°♑39'54	
inferior conj	-4583 Jan 29 j 22:46	6°♑08'48	3°51'12
minimum elong	-4583 Jan 30 j 01:27	6°♑03'28	3°50'40
min. Earth dist.	-4583 Feb 02 j 07:46	3°♑29'57	0.58668 AU
morning rise	-4583 Feb 06 j 12:21	0°♑48'03	
	-4583 Feb 08 j 08:02	30°℞♐	
direct	-4583 Feb 12 j 15:32	29°♐12'15	
desc. node	-4583 Feb 17 j 02:08	0°♑01'00	
	-4583 Feb 17 j 01:00	0°♑	
morning max el	-4583 Feb 26 j 21:35	6°♑43'52	26°32'50
	-4583 Mar 16 j 05:04	0°♒	
morning set	-4583 Mar 28 j 05:06	22°♒44'28	
	-4583 Mar 31 j 14:57	0°♓	
asc. node	-4583 Apr 03 j 03:10	5°♓27'35	
superior conj	-4583 Apr 04 j 06:42	7°♓58'12	0°11'56
minimum elong	-4583 Apr 04 j 06:10	7°♓55'21	0°11'43
behind sun begin	-4583 Apr 04 j 02:49	7°♓36'56	
behind sun end	-4583 Apr 04 j 09:32	8°♓13'46	
max. Earth dist.	-4583 Apr 04 j 10:17	8°♓17'48	1.32634 AU
evening rise	-4583 Apr 11 j 08:15	23°♓09'55	
	-4583 Apr 14 j 16:55	0°♈	
	-4583 May 02 j 18:37	0°♉	
evening max el	-4583 May 11 j 00:51	9°♉28'37	26°36'19
desc. node	-4583 May 16 j 00:40	13°♉34'39	
retrograde	-4583 May 25 j 02:37	16°♉49'06	
evening set	-4583 May 31 j 14:21	15°♉00'34	
min. Earth dist.	-4583 Jun 04 j 14:11	12°♉18'54	0.60021 AU
inferior conj	-4583 Jun 07 j 23:00	9°♉34'52	-4°-14'-41
minimum elong	-4583 Jun 07 j 22:31	9°♉35'51	4°14'32
morning rise	-4583 Jun 15 j 10:11	4°♉55'14	
direct	-4583 Jun 17 j 21:42	4°♉32'16	
morning max el	-4583 Jun 25 j 07:12	8°♉07'01	18°15'01
asc. node	-4583 Jun 30 j 02:55	13°♉58'32	
	-4583 Jul 09 j 11:02	0°♊	
morning set	-4583 Jul 11 j 06:52	3°♊26'01	
superior conj	-4583 Jul 20 j 22:13	21°♊23'36	1°47'12
minimum elong	-4583 Jul 20 j 23:57	21°♊31'27	1°47'22
	-4583 Jul 25 j 18:28	0°♋	
max. Earth dist.	-4583 Jul 28 j 10:26	4°♋35'27	1.40872 AU
evening rise	-4583 Aug 02 j 12:31	13°♋04'33	
desc. node	-4583 Aug 11 j 23:37	27°♋59'49	
	-4583 Aug 13 j 07:21	0°♌	
greatest brilliancy	-4583 Aug 31 j 10:20	25°♌08'28	-0.3m
	-4583 Sep 04 j 16:46	0°♍	
evening max el	-4583 Sep 05 j 13:06	0°♍52'17	22°58'47
retrograde	-4583 Sep 15 j 14:19	6°♍49'47	
evening set	-4583 Sep 20 j 08:56	4°♍52'30	
	-4583 Sep 24 j 15:39	30°℞♌	
inferior conj	-4583 Sep 25 j 17:04	28°♌32'48	0°-7'-37
minimum elong	-4583 Sep 25 j 17:15	28°♌32'13	0°07'25
transit middle	-4583 Sep 25 j 17:15	28°♌32'13	0°07'25
transit begin	-4583 Sep 25 j 14:50	28°♌40'30	
transit end	-4583 Sep 25 j 19:39	28°♌23'55	
min. Earth dist.	-4583 Sep 25 j 12:34	28°♌48'21	0.67402 AU
asc. node	-4583 Sep 26 j 02:00	28°♌02'02	
morning rise	-4583 Oct 01 j 01:31	22°♌17'42	
direct	-4583 Oct 05 j 08:16	20°♌37'02	
morning max el	-4583 Oct 14 j 08:53	25°♌58'36	21°46'58
	-4583 Oct 17 j 23:26	0°♍	
greatest brilliancy	-4583 Oct 19 j 08:15	1°♍40'20	-0.4m
desc. node	-4583 Nov 07 j 23:35	29°♍36'44	
	-4583 Nov 08 j 05:40	0°♎	
morning set	-4583 Nov 15 j 05:45	10°♎55'32	
max. Earth dist.	-4583 Nov 21 j 23:13	21°♎51'05	1.41674 AU
	-4583 Nov 26 j 19:13	0°♏	
superior conj	-4583 Nov 29 j 12:59	4°♏44'36	-1°-48'-17
minimum elong	-4583 Nov 29 j 09:50	4°♏30'53	1°48'17
evening rise	-4583 Dec 10 j 07:19	24°♏09'21	
	-4583 Dec 13 j 11:49	0°♐	
asc. node	-4583 Dec 23 j 00:45	15°♐51'53	
evening max el	-4583 Dec 26 j 16:35	20°♐13'58	18°11'01
retrograde	-4582 Jan 02 j 14:20	23°♐44'09	
evening set	-4582 Jan 05 j 04:19	23°♐15'26	
inferior conj	-4582 Jan 12 j 02:20	18°♐22'11	4°04'50
minimum elong	-4582 Jan 12 j 02:10	18°♐22'34	4°04'37

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4582 Jan 15 j 07:03	15°♐28'13	0.60666 AU
morning rise	-4582 Jan 18 j 21:21	12°♐43'06	
direct	-4582 Jan 25 j 17:48	10°♐30'12	
desc. node	-4582 Feb 03 j 23:14	14°♐00'27	
morning max el	-4582 Feb 08 j 20:35	18°♐09'22	27°25'08
	-4582 Feb 18 j 19:56	0°♑	
	-4582 Mar 08 j 19:03	0°♒	
morning set	-4582 Mar 12 j 13:13	7°♒33'28	
max. Earth dist.	-4582 Mar 18 j 23:23	21°♒15'27	1.32630 AU
superior conj	-4582 Mar 19 j 18:16	22°♒58'28	0°-12'-55
minimum elong	-4582 Mar 19 j 18:51	23°♒01'39	0°12'58
behind sun begin	-4582 Mar 19 j 15:57	22°♒45'51	
behind sun end	-4582 Mar 19 j 21:44	23°♒17'27	
asc. node	-4582 Mar 21 j 00:08	25°♒41'38	
	-4582 Mar 22 j 23:31	0°♓	
evening rise	-4582 Mar 26 j 18:34	8°♓07'31	
	-4582 Apr 07 j 06:24	0°♈	
evening max el	-4582 Apr 22 j 21:17	20°♈48'27	25°26'51
desc. node	-4582 May 02 j 21:49	27°♈21'20	
retrograde	-4582 May 06 j 23:15	28°♈00'09	
evening set	-4582 May 12 j 10:14	26°♈50'05	
min. Earth dist.	-4582 May 17 j 09:48	24°♈01'35	0.58026 AU
inferior conj	-4582 May 20 j 14:31	21°♈46'54	-3°-53'-31
minimum elong	-4582 May 20 j 10:39	21°♈53'44	3°52'56
morning rise	-4582 May 28 j 15:08	17°♈28'18	
direct	-4582 May 31 j 02:04	17°♈09'32	
morning max el	-4582 Jun 08 j 12:25	21°♈07'22	18°51'55
	-4582 Jun 15 j 11:12	0°♉	
asc. node	-4582 Jun 16 j 23:56	2°♉29'44	
morning set	-4582 Jun 25 j 00:33	17°♉22'26	
	-4582 Jul 01 j 11:32	0°♊	
superior conj	-4582 Jul 03 j 17:00	4°♊16'30	1°48'48
minimum elong	-4582 Jul 03 j 16:20	4°♊13'21	1°49'00
max. Earth dist.	-4582 Jul 10 j 12:28	16°♊51'19	1.38938 AU
evening rise	-4582 Jul 14 j 13:23	23°♊55'53	
	-4582 Jul 18 j 03:43	0°♋	
desc. node	-4582 Jul 29 j 20:36	18°♋20'51	
	-4582 Aug 07 j 01:59	0°♌	
evening max el	-4582 Aug 19 j 00:53	14°♌19'57	24°19'26
retrograde	-4582 Aug 30 j 04:35	20°♌52'41	
evening set	-4582 Sep 04 j 14:13	18°♌35'42	
inferior conj	-4582 Sep 09 j 23:01	12°♌15'39	-1°00'-46
minimum elong	-4582 Sep 10 j 00:26	12°♌10'55	1°00'01
min. Earth dist.	-4582 Sep 09 j 08:05	13°♌06'01	0.67240 AU
asc. node	-4582 Sep 12 j 23:10	8°♌26'28	
morning rise	-4582 Sep 15 j 10:51	6°♌06'32	
direct	-4582 Sep 19 j 05:05	4°♌45'32	
morning max el	-4582 Sep 27 j 05:20	9°♌26'45	20°31'19
greatest brilliancy	-4582 Oct 03 j 14:54	17°♌08'47	-0.5m
	-4582 Oct 12 j 15:21	0°♍	
morning set	-4582 Oct 25 j 06:29	19°♍12'24	
desc. node	-4582 Oct 25 j 20:29	20°♍06'45	
	-4582 Nov 01 j 03:27	0°♎	
max. Earth dist.	-4582 Nov 04 j 07:13	5°♎03'12	1.43327 AU
superior conj	-4582 Nov 10 j 09:35	15°♎01'25	-1°-28'-4
minimum elong	-4582 Nov 10 j 03:17	14°♎35'15	1°27'33
	-4582 Nov 19 j 05:22	0°♏	
evening rise	-4582 Nov 22 j 20:59	6°♏21'56	
	-4582 Dec 07 j 06:21	0°♐	
asc. node	-4582 Dec 09 j 21:53	3°♐08'33	
evening max el	-4582 Dec 10 j 04:37	3°♐25'50	18°09'38
retrograde	-4582 Dec 16 j 18:32	6°♐54'57	
evening set	-4582 Dec 19 j 11:26	6°♐18'39	
inferior conj	-4582 Dec 25 j 22:16	1°♐03'52	3°54'28
minimum elong	-4582 Dec 25 j 20:05	1°♐09'32	3°54'01
	-4582 Dec 26 j 22:47	30°℞♏	
min. Earth dist.	-4582 Dec 28 j 14:54	28°♏17'05	0.62571 AU
morning rise	-4581 Jan 01 j 02:51	25°♏11'12	
direct	-4581 Jan 08 j 04:37	22°♏32'38	
desc. node	-4581 Jan 21 j 20:18	0°♐02'15	
	-4581 Jan 21 j 19:23	0°♐	
morning max el	-4581 Jan 22 j 01:33	0°♐15'05	27°42'01
	-4581 Feb 12 j 19:22	0°♑	
morning set	-4581 Feb 24 j 16:09	22°♑03'33	
	-4581 Feb 28 j 12:16	0°♒	
max. Earth dist.	-4581 Mar 02 j 08:57	3°♒57'37	1.32985 AU
superior conj	-4581 Mar 04 j 04:06	7°♒49'53	0°-37'-41
minimum elong	-4581 Mar 04 j 05:46	7°♒58'51	0°37'34
asc. node	-4581 Mar 07 j 21:07	15°♒51'57	
evening rise	-4581 Mar 11 j 06:10	23°♒05'00	
	-4581 Mar 14 j 14:54	0°♓	
	-4581 Apr 02 j 22:30	0°♈	
evening max el	-4581 Apr 04 j 13:34	1°♈38'07	23°58'02
retrograde	-4581 Apr 18 j 07:41	8°♈30'31	
desc. node	-4581 Apr 19 j 19:01	8°♈25'37	
evening set	-4581 Apr 22 j 11:19	7°♈52'21	
min. Earth dist.	-4581 Apr 29 j 01:14	4°♈43'46	0.56364 AU
inferior conj	-4581 May 01 j 09:50	3°♈16'43	-2°-55'-9
minimum elong	-4581 May 01 j 04:05	3°♈25'37	2°53'43
	-4581 May 07 j 12:56	30°℞♓	
morning rise	-4581 May 10 j 00:38	29°♓14'39	
direct	-4581 May 12 j 11:41	28°♓58'52	
	-4581 May 17 j 04:05	0°♈	
morning max el	-4581 May 22 j 08:54	3°♈34'26	19°49'17
asc. node	-4581 Jun 03 j 20:55	21°♈35'11	
	-4581 Jun 08 j 05:14	0°♉	
morning set	-4581 Jun 09 j 02:20	1°♉45'39	
superior conj	-4581 Jun 17 j 02:40	17°♉56'10	1°41'42
minimum elong	-4581 Jun 17 j 00:33	17°♉45'38	1°41'44
max. Earth dist.	-4581 Jun 22 j 15:42	28°♉41'05	1.37067 AU
	-4581 Jun 23 j 08:29	0°♊	
evening rise	-4581 Jun 26 j 14:53	6°♊00'27	
	-4581 Jul 11 j 00:59	0°♋	
desc. node	-4581 Jul 16 j 17:40	8°♋24'11	
evening max el	-4581 Aug 01 j 11:30	27°♋50'21	25°34'18
	-4581 Aug 03 j 19:28	0°♌	
retrograde	-4581 Aug 13 j 14:37	4°♌50'33	
evening set	-4581 Aug 19 j 15:23	2°♌16'19	
	-4581 Aug 21 j 21:18	30°℞♋	
min. Earth dist.	-4581 Aug 24 j 00:18	27°♋24'00	0.66751 AU
inferior conj	-4581 Aug 25 j 02:36	25°♋59'08	-1°-52'-15
minimum elong	-4581 Aug 25 j 05:07	25°♋50'58	1°51'06
morning rise	-4581 Aug 30 j 19:26	19°♋59'17	
asc. node	-4581 Aug 30 j 20:18	19°♋57'54	
direct	-4581 Sep 03 j 03:15	18°♋55'12	
morning max el	-4581 Sep 10 j 09:05	23°♋04'10	19°28'31
	-4581 Sep 16 j 01:26	0°♌	
greatest brilliancy	-4581 Sep 19 j 16:36	5°♌10'08	-0.7m
morning set	-4581 Oct 04 j 09:04	27°♌41'52	
	-4581 Oct 05 j 20:29	0°♍	
desc. node	-4581 Oct 12 j 17:22	10°♍45'08	
max. Earth dist.	-4581 Oct 17 j 21:45	18°♍55'30	1.44413 AU
superior conj	-4581 Oct 21 j 03:02	24°♍02'44	0°-51'-27
minimum elong	-4581 Oct 20 j 21:08	23°♍39'12	0°50'43
	-4581 Oct 24 j 20:03	0°♎	
evening rise	-4581 Nov 04 j 14:22	17°♎39'49	
	-4581 Nov 12 j 00:22	0°♏	
evening max el	-4581 Nov 23 j 17:19	16°♏47'04	18°26'56

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4581 Nov 26 j 19:02	19°♏19'30	
retrograde	-4581 Nov 30 j 07:47	20°♏25'44	
evening set	-4581 Dec 03 j 04:50	19°♏40'25	
inferior conj	-4581 Dec 09 j 06:47	14°♏06'32	3°27'45
minimum elong	-4581 Dec 09 j 03:41	14°♏15'29	3°26'56
min. Earth dist.	-4581 Dec 11 j 08:52	11°♏42'46	0.64206 AU
morning rise	-4581 Dec 15 j 01:10	8°♏03'26	
direct	-4581 Dec 21 j 22:43	5°♏14'01	
morning max el	-4580 Jan 04 j 10:26	12°♏55'05	27°23'31
desc. node	-4580 Jan 08 j 17:20	17°♏32'20	
	-4580 Jan 18 j 06:03	0°♐	
	-4580 Feb 05 j 07:12	0°♑	
morning set	-4580 Feb 08 j 11:12	6°♑05'46	
max. Earth dist.	-4580 Feb 13 j 11:00	16°♑11'23	1.33732 AU
superior conj	-4580 Feb 16 j 10:26	22°♑26'24	-1°-1'-23
minimum elong	-4580 Feb 16 j 12:58	22°♑39'54	1°01'10
	-4580 Feb 19 j 23:29	0°♒	
asc. node	-4580 Feb 22 j 18:08	5°♒54'19	
evening rise	-4580 Feb 23 j 17:18	7°♒56'03	
	-4580 Mar 06 j 12:57	0°♓	
evening max el	-4580 Mar 16 j 07:12	12°♓22'48	22°23'53
retrograde	-4580 Mar 29 j 04:11	18°♓39'04	
evening set	-4580 Apr 01 j 04:33	18°♓19'02	
desc. node	-4580 Apr 05 j 16:12	16°♓43'59	
min. Earth dist.	-4580 Apr 09 j 15:25	14°♓37'49	0.55365 AU
inferior conj	-4580 Apr 10 j 12:02	14°♓08'31	-1°-18'-46
minimum elong	-4580 Apr 10 j 08:31	14°♓13'31	1°17'41
morning rise	-4580 Apr 19 j 14:27	10°♓10'57	
direct	-4580 Apr 22 j 04:58	9°♓55'24	
morning max el	-4580 May 03 j 18:49	15°♓21'27	21°06'02
	-4580 May 14 j 18:20	0°♈	
asc. node	-4580 May 20 j 17:53	11°♈06'19	
morning set	-4580 May 23 j 09:33	16°♈28'16	
	-4580 May 29 j 21:45	0°♉	
superior conj	-4580 May 30 j 22:52	2°♉09'46	1°28'17
minimum elong	-4580 May 30 j 20:11	1°♉55'54	1°28'05
max. Earth dist.	-4580 Jun 04 j 01:38	10°♉29'55	1.35460 AU
evening rise	-4580 Jun 08 j 11:53	19°♉04'53	
	-4580 Jun 14 j 11:58	0°♊	
desc. node	-4580 Jul 02 j 14:46	28°♊01'31	
	-4580 Jul 04 j 02:38	0°♋	
evening max el	-4580 Jul 13 j 22:24	11°♋19'07	26°35'13
retrograde	-4580 Jul 26 j 19:52	18°♋36'31	
evening set	-4580 Aug 02 j 10:08	15°♋51'13	
min. Earth dist.	-4580 Aug 06 j 10:53	11°♋37'43	0.65908 AU
inferior conj	-4580 Aug 08 j 01:48	9°♋39'52	-2°-40'-16
minimum elong	-4580 Aug 08 j 05:10	9°♋29'40	2°39'00
morning rise	-4580 Aug 14 j 01:11	3°♋52'25	
asc. node	-4580 Aug 16 j 17:23	3°♋02'34	
direct	-4580 Aug 17 j 00:51	3°♋02'02	
morning max el	-4580 Aug 23 j 18:48	6°♋47'33	18°40'58
	-4580 Sep 08 j 20:38	0°♌	
morning set	-4580 Sep 13 j 08:51	7°♌15'00	
	-4580 Sep 27 j 16:00	0°♍	
desc. node	-4580 Sep 28 j 14:17	1°♍27'53	
superior conj	-4580 Sep 29 j 03:27	2°♍19'47	0°-3'-28
minimum elong	-4580 Sep 29 j 03:00	2°♍18'00	0°03'18
behind sun begin	-4580 Sep 28 j 15:46	1°♍33'42	
behind sun end	-4580 Sep 29 j 14:14	3°♍02'17	
max. Earth dist.	-4580 Sep 29 j 15:12	3°♍06'07	1.44806 AU
evening rise	-4580 Oct 15 j 07:15	27°♍53'26	
	-4580 Oct 16 j 15:01	0°♎	
	-4580 Nov 05 j 23:16	0°♏	
evening max el	-4580 Nov 06 j 04:01	0°♏12'22	19°01'51
asc. node	-4580 Nov 12 j 16:11	4°♏08'29	
retrograde	-4580 Nov 13 j 02:17	4°♏09'29	
evening set	-4580 Nov 16 j 05:22	3°♏13'01	
	-4580 Nov 19 j 20:14	30°℞♎	
inferior conj	-4580 Nov 22 j 00:25	27°♎23'11	2°50'04
minimum elong	-4580 Nov 21 j 21:16	27°♎33'02	2°49'02
min. Earth dist.	-4580 Nov 23 j 12:23	25°♎31'11	0.65501 AU
morning rise	-4580 Nov 27 j 12:11	21°♎12'24	
direct	-4580 Dec 03 j 23:18	18°♎25'45	
morning max el	-4580 Dec 16 j 20:15	25°♎56'05	26°34'46
	-4580 Dec 20 j 15:06	0°♏	
desc. node	-4580 Dec 25 j 14:19	6°♏04'13	
	-4579 Jan 10 j 18:38	0°♐	
morning set	-4579 Jan 21 j 18:43	19°♐28'13	
max. Earth dist.	-4579 Jan 26 j 02:00	27°♐48'48	1.34909 AU
	-4579 Jan 27 j 04:18	0°♑	
superior conj	-4579 Jan 30 j 11:01	6°♑40'37	-1°-22'-45
minimum elong	-4579 Jan 30 j 14:02	6°♑56'15	1°22'35
evening rise	-4579 Feb 07 j 02:08	22°♑34'08	
asc. node	-4579 Feb 08 j 15:11	25°♑43'49	
	-4579 Feb 10 j 18:28	0°♒	
evening max el	-4579 Feb 26 j 08:13	23°♒28'41	20°57'08
retrograde	-4579 Mar 09 j 18:03	28°♒54'45	
evening set	-4579 Mar 12 j 04:21	28°♒40'54	
inferior conj	-4579 Mar 21 j 07:30	24°♒42'53	0°37'02
minimum elong	-4579 Mar 21 j 09:10	24°♒40'30	0°36'18
min. Earth dist.	-4579 Mar 22 j 05:46	24°♒11'02	0.55254 AU
desc. node	-4579 Mar 23 j 13:21	23°♒26'36	
morning rise	-4579 Mar 30 j 12:50	20°♒31'44	
direct	-4579 Apr 02 j 17:04	20°♒09'44	
morning max el	-4579 Apr 15 j 18:19	26°♒28'50	22°38'10
	-4579 Apr 19 j 02:39	0°♓	
	-4579 May 07 j 03:56	0°♈	
morning set	-4579 May 07 j 20:10	1°♈24'14	
asc. node	-4579 May 07 j 14:51	0°♈56'35	
superior conj	-4579 May 15 j 02:20	16°♈47'29	1°10'20
minimum elong	-4579 May 14 j 23:45	16°♈33'47	1°09'59
max. Earth dist.	-4579 May 17 j 21:30	22°♈39'47	1.34210 AU
	-4579 May 21 j 11:54	0°♉	
evening rise	-4579 May 22 j 23:14	2°♉54'47	
	-4579 Jun 07 j 08:15	0°♊	
desc. node	-4579 Jun 19 j 11:52	17°♊01'56	
evening max el	-4579 Jun 26 j 09:39	24°♊39'02	27°14'19
	-4579 Jul 03 j 04:48	0°♋	
retrograde	-4579 Jul 09 j 19:54	2°♋03'29	
	-4579 Jul 15 j 20:44	30°℞♊	
evening set	-4579 Jul 16 j 19:49	29°♊17'08	
min. Earth dist.	-4579 Jul 20 j 13:46	25°♊41'05	0.64687 AU
inferior conj	-4579 Jul 22 j 18:27	23°♊14'38	-3°-22'-24
minimum elong	-4579 Jul 22 j 22:06	23°♊04'27	3°21'18
morning rise	-4579 Jul 29 j 01:52	17°♊42'36	
direct	-4579 Jul 31 j 19:44	17°♊02'42	
asc. node	-4579 Aug 03 j 14:26	17°♊43'13	
morning max el	-4579 Aug 07 j 08:19	20°♊33'16	18°10'09
	-4579 Aug 14 j 11:53	0°♋	
morning set	-4579 Aug 25 j 11:55	18°♋06'52	
	-4579 Sep 01 j 15:22	0°♌	
superior conj	-4579 Sep 08 j 08:50	10°♌55'41	0°43'55
minimum elong	-4579 Sep 08 j 13:44	11°♌15'20	0°43'30
max. Earth dist.	-4579 Sep 12 j 08:36	17°♌17'37	1.44476 AU
desc. node	-4579 Sep 15 j 11:14	22°♌12'22	
	-4579 Sep 20 j 10:39	0°♍	
evening rise	-4579 Sep 25 j 00:10	7°♍05'48	
	-4579 Oct 10 j 00:24	0°♎	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

greatest brilliancy	-4579 Oct 12 j 19:26	4°♎02'07	-0.6m	
evening max el	-4579 Oct 20 j 10:36	13°♎39'21	19°52'49	
retrograde	-4579 Oct 27 j 23:07	18°♎02'40		
asc. node	-4579 Oct 30 j 13:18	17°♎23'37		
evening set	-4579 Oct 31 j 10:29	16°♎52'19		
inferior conj	-4579 Nov 06 j 00:25	10°♎49'50	2°05'06	
minimum elong	-4579 Nov 05 j 21:49	10°♎58'27	2°04'08	
min. Earth dist.	-4579 Nov 06 j 23:37	9°♎33'21	0.66447 AU	
morning rise	-4579 Nov 11 j 08:27	4°♎34'11		
direct	-4579 Nov 17 j 05:39	2°♎00'38		
morning max el	-4579 Nov 29 j 05:14	9°♎06'44	25°24'00	
desc. node	-4579 Dec 12 j 11:17	25°♎20'00		
	-4579 Dec 15 j 18:07	0°♏		
	-4578 Jan 03 j 07:50	0°♐		
morning set	-4578 Jan 04 j 09:49	1°♐56'38		
max. Earth dist.	-4578 Jan 08 j 05:22	8°♐58'36	1.36530 AU	
superior conj	-4578 Jan 14 j 03:05	20°♐24'29	-1°-40'-6	
minimum elong	-4578 Jan 14 j 05:54	20°♐38'29	1°40'06	
	-4578 Jan 18 j 21:19	0°♑		
evening rise	-4578 Jan 22 j 06:42	6°♑53'12		
asc. node	-4578 Jan 26 j 12:13	15°♑14'46		
	-4578 Feb 04 j 08:36	0°♒		
evening max el	-4578 Feb 08 j 19:37	5°♒08'52	19°45'37	
retrograde	-4578 Feb 18 j 12:48	9°♒44'56		
evening set	-4578 Feb 20 j 20:56	9°♒30'10		
inferior conj	-4578 Mar 01 j 10:12	5°♒27'34	2°20'14	
minimum elong	-4578 Mar 01 j 15:09	5°♒19'47	2°18'38	
min. Earth dist.	-4578 Mar 03 j 20:14	3°♒56'54	0.56064 AU	
morning rise	-4578 Mar 10 j 06:03	0°♒49'40		
desc. node	-4578 Mar 10 j 10:29	0°♒46'17		
direct	-4578 Mar 14 j 12:31	0°♒08'56		
morning max el	-4578 Mar 28 j 10:33	7°♒08'31	24°17'02	
	-4578 Apr 13 j 22:30	0°♓		
morning set	-4578 Apr 22 j 08:19	16°♓26'34		
asc. node	-4578 Apr 24 j 11:49	20°♓59'35		
	-4578 Apr 28 j 15:58	0°♈		
superior conj	-4578 Apr 29 j 10:28	1°♈40'03	0°49'13	
minimum elong	-4578 Apr 29 j 08:28	1°♈29'12	0°48'49	
max. Earth dist.	-4578 May 01 j 02:35	5°♈15'44	1.33331 AU	
evening rise	-4578 May 06 j 20:40	17°♈16'11		
	-4578 May 13 j 11:11	0°♉		
	-4578 Jun 01 j 21:59	0°♊		
desc. node	-4578 Jun 06 j 08:59	5°♊08'56		
evening max el	-4578 Jun 08 j 19:30	7°♊37'15	27°25'04	
retrograde	-4578 Jun 22 j 13:47	15°♊01'47		
evening set	-4578 Jun 29 j 16:57	12°♊27'27		
min. Earth dist.	-4578 Jul 03 j 07:17	9°♊22'46	0.63098 AU	
inferior conj	-4578 Jul 06 j 01:43	6°♊36'49	-3°-55'-15	
minimum elong	-4578 Jul 06 j 04:47	6°♊29'09	3°54'36	
morning rise	-4578 Jul 12 j 18:43	1°♊23'14		
direct	-4578 Jul 15 j 08:56	0°♊51'12		
asc. node	-4578 Jul 21 j 11:27	3°♊47'29		
morning max el	-4578 Jul 21 j 23:03	4°♊15'16	17°57'08	
morning set	-4578 Aug 07 j 15:01	0°♋07'11		
	-4578 Aug 07 j 13:23	0°♋		
superior conj	-4578 Aug 19 j 13:09	20°♋39'58	1°19'59	
minimum elong	-4578 Aug 19 j 18:51	21°♋03'44	1°19'38	
	-4578 Aug 25 j 05:15	0°♌		
max. Earth dist.	-4578 Aug 25 j 23:15	1°♌12'49	1.43472 AU	
desc. node	-4578 Sep 02 j 08:10	12°♌54'54		
evening rise	-4578 Sep 04 j 04:02	15°♌45'33		
	-4578 Sep 13 j 12:09	0°♍		
greatest brilliancy	-4578 Sep 27 j 20:37	20°♍28'17	-0.5m	
evening max el	-4578 Oct 03 j 11:25	27°♍05'37	20°57'38	
	-4578 Oct 06 j 17:43	0°♎		
retrograde	-4578 Oct 11 j 20:04	2°♎02'09		
evening set	-4578 Oct 15 j 18:02	0°♎35'05		
	-4578 Oct 16 j 11:17	30°♌♍		
asc. node	-4578 Oct 17 j 10:25	29°♍04'27		
inferior conj	-4578 Oct 21 j 04:28	24°♍23'14	1°15'27	
minimum elong	-4578 Oct 21 j 02:47	24°♍28'58	1°14'48	
min. Earth dist.	-4578 Oct 21 j 16:14	23°♍43'03	0.67058 AU	
morning rise	-4578 Oct 26 j 11:08	18°♍05'37		
direct	-4578 Oct 31 j 17:01	15°♍51'22		
morning max el	-4578 Nov 11 j 13:59	22°♍20'49	24°00'56	
	-4578 Nov 18 j 06:33	0°♎		
desc. node	-4578 Nov 29 j 08:14	15°♎06'51		
	-4578 Dec 09 j 02:18	0°♏		
morning set	-4578 Dec 17 j 02:35	13°♏14'51		
max. Earth dist.	-4578 Dec 21 j 02:00	20°♏11'46	1.38488 AU	
	-4578 Dec 26 j 10:52	0°♐		
superior conj	-4578 Dec 28 j 06:57	3°♐27'46	-1°-51'-10	
minimum elong	-4578 Dec 28 j 08:29	3°♐35'02	1°51'20	
evening rise	-4577 Jan 06 j 04:40	20°♐47'10		
	-4577 Jan 10 j 23:42	0°♑		
asc. node	-4577 Jan 13 j 09:17	4°♑20'41		
evening max el	-4577 Jan 22 j 17:01	17°♑23'51	18°53'03	
retrograde	-4577 Jan 30 j 23:35	21°♑22'32		
evening set	-4577 Feb 02 j 09:45	21°♑03'27		
inferior conj	-4577 Feb 10 j 06:25	16°♑44'01	3°28'50	
minimum elong	-4577 Feb 10 j 10:38	16°♑36'22	3°27'52	
min. Earth dist.	-4577 Feb 13 j 11:49	14°♑25'04	0.57593 AU	
morning rise	-4577 Feb 18 j 07:51	11°♑37'36		
direct	-4577 Feb 23 j 20:16	10°♑24'28		
desc. node	-4577 Feb 25 j 07:36	10°♑29'43		
morning max el	-4577 Mar 10 j 01:41	17°♑47'09	25°49'01	
	-4577 Mar 20 j 04:25	0°♒		
	-4577 Apr 06 j 03:14	0°♓		
morning set	-4577 Apr 06 j 20:19	1°♓29'11		
asc. node	-4577 Apr 11 j 08:48	11°♓10'29		
superior conj	-4577 Apr 13 j 21:19	16°♓40'34	0°25'57	
minimum elong	-4577 Apr 13 j 20:11	16°♓34'27	0°25'39	
max. Earth dist.	-4577 Apr 14 j 13:49	18°♓10'35	1.32799 AU	
	-4577 Apr 20 j 02:13	0°♈		
evening rise	-4577 Apr 21 j 01:01	1°♈58'22		
	-4577 May 06 j 10:14	0°♉		
evening max el	-4577 May 22 j 01:19	20°♉01'09	27°03'21	
desc. node	-4577 May 24 j 06:06	22°♉00'02		
retrograde	-4577 Jun 05 j 00:36	27°♉23'02		
evening set	-4577 Jun 11 j 21:34	25°♉14'25		
min. Earth dist.	-4577 Jun 15 j 14:47	22°♉29'14	0.61203 AU	
inferior conj	-4577 Jun 18 j 20:22	19°♉38'48	-4°-13'-35	
minimum elong	-4577 Jun 18 j 21:34	19°♉36'09	4°13'23	
morning rise	-4577 Jun 26 j 00:28	14°♉46'23		
direct	-4577 Jun 28 j 12:47	14°♉20'20		
morning max el	-4577 Jul 05 j 12:21	17°♉47'32	18°02'52	
asc. node	-4577 Jul 08 j 08:30	21°♉00'02		
	-4577 Jul 14 j 06:43	0°♊		
morning set	-4577 Jul 21 j 12:46	13°♊01'42		
	-4577 Jul 30 j 20:57	0°♋		
superior conj	-4577 Jul 31 j 21:09	1°♋46'43	1°41'13	
minimum elong	-4577 Aug 01 j 00:31	2°♋01'34	1°41'14	
max. Earth dist.	-4577 Aug 08 j 08:53	14°♋35'30	1.41926 AU	
evening rise	-4577 Aug 14 j 14:49	24°♋46'02		
	-4577 Aug 17 j 22:23	0°♌		
desc. node	-4577 Aug 20 j 05:07	3°♌32'12		
	-4577 Sep 07 j 11:30	0°♍		
greatest brilliancy	-4577 Sep 11 j 12:18	5°♍09'39	-0.3m	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4577 Sep 16 j 05:55	10°♍30'19	22°12'47
retrograde	-4577 Sep 25 j 15:25	16°♍05'09	
evening set	-4577 Sep 30 j 02:06	14°♍19'02	
asc. node	-4577 Oct 04 j 07:33	9°♍33'55	
inferior conj	-4577 Oct 05 j 10:36	8°♍01'10	0°23'04
minimum elong	-4577 Oct 05 j 10:04	8°♍03'01	0°22'56
min. Earth dist.	-4577 Oct 05 j 11:52	7°♍56'48	0.67360 AU
morning rise	-4577 Oct 10 j 17:54	1°♍44'26	
	-4577 Oct 14 j 02:02	30°℞♌	
direct	-4577 Oct 15 j 08:41	29°♌51'46	
	-4577 Oct 16 j 16:18	0°♍	
morning max el	-4577 Oct 25 j 01:07	5°♍38'05	22°34'48
greatest brilliancy	-4577 Oct 29 j 18:15	10°♍56'47	-0.3m
	-4577 Nov 12 j 16:29	0°♎	
desc. node	-4577 Nov 16 j 05:08	5°♎15'04	
morning set	-4577 Nov 27 j 15:32	23°♎09'57	
	-4577 Dec 01 j 18:38	0°♏	
max. Earth dist.	-4577 Dec 02 j 23:35	2°♏02'15	1.40551 AU
superior conj	-4577 Dec 10 j 17:43	15°♏36'34	-1°-52'-56
minimum elong	-4577 Dec 10 j 16:36	15°♏31'33	1°53'05
	-4577 Dec 18 j 12:29	0°♐	
evening rise	-4577 Dec 20 j 17:05	4°♐08'01	
asc. node	-4577 Dec 31 j 06:22	22°♐52'37	
	-4576 Jan 05 j 19:34	0°♑	
evening max el	-4576 Jan 05 j 22:14	0°♑06'32	18°20'34
retrograde	-4576 Jan 13 j 05:00	3°♑43'23	
evening set	-4576 Jan 15 j 17:30	3°♑18'31	
	-4576 Jan 21 j 07:04	30°℞♐	
inferior conj	-4576 Jan 22 j 23:02	28°♐37'42	4°00'28
minimum elong	-4576 Jan 23 j 00:28	28°♐34'40	4°00'10
min. Earth dist.	-4576 Jan 26 j 07:22	25°♐49'45	0.59511 AU
morning rise	-4576 Jan 30 j 04:18	23°♐08'18	
direct	-4576 Feb 05 j 16:04	21°♐16'18	
desc. node	-4576 Feb 12 j 04:43	23°♐01'41	
morning max el	-4576 Feb 19 j 21:19	28°♐51'20	26°59'11
	-4576 Feb 21 j 00:47	0°♑	
	-4576 Mar 12 j 20:33	0°♒	
morning set	-4576 Mar 21 j 06:25	16°♒25'01	
	-4576 Mar 27 j 14:23	0°♓	
superior conj	-4576 Mar 28 j 09:04	1°♓42'15	0°01'26
minimum elong	-4576 Mar 28 j 09:01	1°♓41'56	0°01'18
behind sun begin	-4576 Mar 28 j 04:02	1°♓14'40	
behind sun end	-4576 Mar 28 j 14:00	2°♓09'13	
max. Earth dist.	-4576 Mar 28 j 03:23	1°♓11'06	1.32596 AU
asc. node	-4576 Mar 28 j 05:48	1°♓24'17	
evening rise	-4576 Apr 04 j 09:45	16°♓52'02	
	-4576 Apr 11 j 00:10	0°♈	
	-4576 May 01 j 07:53	0°♉	
evening max el	-4576 May 03 j 01:01	1°♉42'55	26°09'43
desc. node	-4576 May 10 j 03:15	7°♉04'30	
retrograde	-4576 May 17 j 03:09	9°♉00'33	
evening set	-4576 May 23 j 05:55	7°♉28'02	
min. Earth dist.	-4576 May 27 j 13:43	4°♉45'41	0.59159 AU
inferior conj	-4576 May 30 j 22:42	2°♉11'20	-4°-9'-41
minimum elong	-4576 May 30 j 20:48	2°♉15'00	4°09'28
	-4576 Jun 02 j 22:49	30°℞♈	
morning rise	-4576 Jun 07 j 15:29	27°♈41'13	
direct	-4576 Jun 10 j 02:49	27°♈20'06	
	-4576 Jun 16 j 16:57	0°♉	
morning max el	-4576 Jun 17 j 21:26	1°♉02'29	18°28'16
asc. node	-4576 Jun 24 j 05:32	9°♉06'10	
morning set	-4576 Jul 04 j 00:20	26°♉38'24	
	-4576 Jul 05 j 18:20	0°♊	
superior conj	-4576 Jul 13 j 04:59	14°♊06'03	1°49'07
minimum elong	-4576 Jul 13 j 05:36	14°♊08'54	1°49'20
max. Earth dist.	-4576 Jul 20 j 12:49	27°♊14'43	1.40053 AU
	-4576 Jul 22 j 03:10	0°♋	
evening rise	-4576 Jul 25 j 00:18	4°♋52'03	
desc. node	-4576 Aug 06 j 02:06	24°♋00'40	
	-4576 Aug 10 j 03:09	0°♌	
evening max el	-4576 Aug 28 j 19:19	23°♌55'42	23°33'16
	-4576 Sep 06 j 21:03	0°♍	
retrograde	-4576 Sep 08 j 08:00	0°♍09'18	
	-4576 Sep 09 j 17:45	30°℞♌	
evening set	-4576 Sep 13 j 08:56	28°♌03'16	
inferior conj	-4576 Sep 18 j 17:08	21°♌42'47	0°-30'-15
minimum elong	-4576 Sep 18 j 17:50	21°♌40'24	0°29'49
min. Earth dist.	-4576 Sep 18 j 08:09	22°♌13'31	0.67367 AU
asc. node	-4576 Sep 20 j 04:41	19°♌42'51	
morning rise	-4576 Sep 24 j 02:49	15°♌29'59	
direct	-4576 Sep 28 j 03:55	13°♌58'12	
morning max el	-4576 Oct 06 j 17:42	19°♌02'02	21°13'31
greatest brilliancy	-4576 Oct 12 j 04:27	25°♌23'03	-0.5m
	-4576 Oct 15 j 15:56	0°♍	
desc. node	-4576 Nov 02 j 02:03	25°♍38'33	
	-4576 Nov 04 j 21:29	0°♎	
morning set	-4576 Nov 06 j 01:49	1°♎50'51	
max. Earth dist.	-4576 Nov 14 j 03:04	14°♎44'14	1.42429 AU
superior conj	-4576 Nov 21 j 05:41	26°♎37'06	-1°-41'-44
minimum elong	-4576 Nov 21 j 01:01	26°♎17'10	1°41'31
	-4576 Nov 23 j 04:54	0°♏	
evening rise	-4576 Dec 02 j 16:19	16°♏48'00	
	-4576 Dec 10 j 02:42	0°♐	
asc. node	-4576 Dec 17 j 03:29	10°♐40'10	
evening max el	-4576 Dec 19 j 08:35	13°♐09'36	18°08'04
retrograde	-4576 Dec 26 j 02:05	16°♐38'15	
evening set	-4576 Dec 28 j 17:04	16°♐06'36	
inferior conj	-4575 Jan 04 j 10:03	11°♐04'02	4°02'52
minimum elong	-4575 Jan 04 j 08:53	11°♐06'50	4°02'35
min. Earth dist.	-4575 Jan 07 j 10:13	8°♐10'29	0.61496 AU
morning rise	-4575 Jan 10 j 22:20	5°♐18'19	
direct	-4575 Jan 17 j 22:14	2°♐52'43	
desc. node	-4575 Jan 29 j 01:48	7°♐57'11	
morning max el	-4575 Jan 31 j 23:15	10°♐34'35	27°36'46
	-4575 Feb 16 j 04:31	0°♑	
	-4575 Mar 04 j 23:32	0°♒	
morning set	-4575 Mar 05 j 12:38	1°♒06'54	
max. Earth dist.	-4575 Mar 11 j 15:24	14°♒03'13	1.32734 AU
superior conj	-4575 Mar 12 j 20:08	16°♒39'14	0°-23'-30
minimum elong	-4575 Mar 12 j 21:11	16°♒44'57	0°23'27
asc. node	-4575 Mar 15 j 02:48	21°♒37'02	
	-4575 Mar 19 j 00:04	0°♓	
evening rise	-4575 Mar 19 j 20:50	1°♓49'51	
	-4575 Apr 04 j 09:00	0°♈	
evening max el	-4575 Apr 14 j 19:00	12°♈46'40	24°50'34
desc. node	-4575 Apr 27 j 00:27	19°♈45'23	
retrograde	-4575 Apr 28 j 19:17	19°♈52'49	
evening set	-4575 May 03 j 17:04	18°♈57'41	
min. Earth dist.	-4575 May 09 j 07:16	16°♈01'53	0.57253 AU
inferior conj	-4575 May 12 j 05:38	14°♈05'23	-3°-33'-42
minimum elong	-4575 May 12 j 00:36	14°♈13'47	3°32'44
morning rise	-4575 May 20 j 12:22	9°♈55'00	
direct	-4575 May 22 j 22:58	9°♈37'52	
morning max el	-4575 May 31 j 23:20	13°♈50'03	19°13'54
asc. node	-4575 Jun 11 j 02:33	27°♈52'53	
	-4575 Jun 12 j 06:55	0°♉	
morning set	-4575 Jun 17 j 21:49	10°♉46'48	
superior conj	-4575 Jun 26 j 06:44	27°♉20'38	1°46'42

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4575 Jun	26 j 05:20	27°♉13'51	1°46'50
	-4575 Jun	27 j 15:46	0°♊	
max. Earth dist.	-4575 Jul	02 j 14:07	9°♊14'31	1.38115 AU
evening rise	-4575 Jul	06 j 12:11	16°♊15'47	
	-4575 Jul	14 j 16:17	0°♋	
desc. node	-4575 Jul	23 j 23:08	14°♋14'54	
	-4575 Aug	04 j 15:07	0°♌	
evening max el	-4575 Aug	11 j 06:09	7°♌23'55	24°52'28
retrograde	-4575 Aug	22 j 20:40	14°♌10'21	
evening set	-4575 Aug	28 j 12:43	11°♌45'34	
min. Earth dist.	-4575 Sep	02 j 02:39	6°♌31'17	0.67069 AU
inferior conj	-4575 Sep	02 j 22:17	5°♌26'05	-1°-22'-54
minimum elong	-4575 Sep	03 j 00:11	5°♌19'45	1°21'58
asc. node	-4575 Sep	07 j 01:49	0°♌30'16	
	-4575 Sep	07 j 15:22	30°℞♋	
morning rise	-4575 Sep	08 j 12:03	29°♋20'19	
direct	-4575 Sep	12 j 01:29	28°♋07'01	
	-4575 Sep	16 j 19:59	0°♌	
morning max el	-4575 Sep	19 j 17:18	2°♌33'57	20°02'48
greatest brilliancy	-4575 Sep	27 j 02:07	11°♌41'22	-0.6m
	-4575 Oct	09 j 11:21	0°♍	
morning set	-4575 Oct	16 j 00:13	10°♍03'38	
desc. node	-4575 Oct	19 j 22:56	16°♍12'10	
max. Earth dist.	-4575 Oct	27 j 13:23	28°♍12'20	1.43865 AU
	-4575 Oct	28 j 16:18	0°♎	
superior conj	-4575 Nov	01 j 14:20	6°♎19'49	-1°-14'-26
minimum elong	-4575 Nov	01 j 07:33	5°♎52'12	1°13'45
evening rise	-4575 Nov	14 j 21:51	28°♎37'35	
	-4575 Nov	15 j 17:04	0°♏	
evening max el	-4575 Dec	02 j 21:12	26°♏25'43	18°14'52
asc. node	-4575 Dec	04 j 00:35	27°♏30'19	
retrograde	-4575 Dec	09 j 10:29	29°♏57'41	
evening set	-4575 Dec	12 j 04:55	29°♏17'52	
inferior conj	-4575 Dec	18 j 11:45	23°♏54'58	3°44'46
minimum elong	-4575 Dec	18 j 09:02	24°♏02'19	3°44'09
min. Earth dist.	-4575 Dec	20 j 22:25	21°♏16'08	0.63303 AU
morning rise	-4575 Dec	24 j 11:29	17°♏57'31	
direct	-4575 Dec	31 j 12:33	15°♏12'04	
morning max el	-4574 Jan	14 j 06:05	22°♏55'26	27°38'15
desc. node	-4574 Jan	15 j 22:52	24°♏39'46	
	-4574 Jan	20 j 14:21	0°♐	
	-4574 Feb	09 j 08:48	0°♑	
morning set	-4574 Feb	17 j 12:38	15°♑26'37	
max. Earth dist.	-4574 Feb	22 j 22:03	26°♑33'49	1.33242 AU
	-4574 Feb	24 j 12:47	0°♒	
superior conj	-4574 Feb	25 j 04:46	1°♒25'34	0°-47'-56
minimum elong	-4574 Feb	25 j 06:50	1°♒36'39	0°47'45
asc. node	-4574 Mar	01 j 23:48	11°♒44'41	
evening rise	-4574 Mar	04 j 08:27	16°♒45'31	
	-4574 Mar	10 j 23:49	0°♓	
evening max el	-4574 Mar	27 j 11:17	23°♓32'04	23°17'58
	-4574 Apr	07 j 17:19	0°♈	
retrograde	-4574 Apr	09 j 22:37	0°♈11'09	
	-4574 Apr	12 j 04:28	30°℞♓	
evening set	-4574 Apr	13 j 13:10	29°♓42'42	
desc. node	-4574 Apr	13 j 21:38	29°♓36'59	
min. Earth dist.	-4574 Apr	20 j 22:21	26°♓21'49	0.55838 AU
inferior conj	-4574 Apr	22 j 17:04	25°♓18'46	-2°-18'-27
minimum elong	-4574 Apr	22 j 11:41	25°♓26'44	2°16'55
morning rise	-4574 May	01 j 13:22	21°♓20'05	
direct	-4574 May	04 j 01:00	21°♓04'56	
morning max el	-4574 May	14 j 15:32	26°♓01'25	20°19'35
	-4574 May	18 j 07:31	0°♈	
asc. node	-4574 May	28 j 23:33	17°♈10'35	
morning set	-4574 Jun	02 j 02:14	25°♈19'26	
	-4574 Jun	04 j 09:07	0°♉	
superior conj	-4574 Jun	09 j 21:22	11°♉16'20	1°36'40
minimum elong	-4574 Jun	09 j 18:55	11°♉03'55	1°36'36
max. Earth dist.	-4574 Jun	14 j 19:31	21°♉00'27	1.36349 AU
evening rise	-4574 Jun	18 j 22:45	28°♉48'26	
	-4574 Jun	19 j 14:21	0°♊	
	-4574 Jul	07 j 22:22	0°♋	
desc. node	-4574 Jul	10 j 20:12	4°♋08'17	
evening max el	-4574 Jul	24 j 16:59	20°♋55'02	26°02'23
retrograde	-4574 Aug	06 j 04:45	28°♋03'37	
evening set	-4574 Aug	12 j 11:25	25°♋24'05	
min. Earth dist.	-4574 Aug	16 j 16:53	20°♋47'53	0.66441 AU
inferior conj	-4574 Aug	18 j 00:16	19°♋08'57	-2°-13'-10
minimum elong	-4574 Aug	18 j 03:12	18°♋59'42	2°11'56
morning rise	-4574 Aug	23 j 19:41	13°♋13'39	
asc. node	-4574 Aug	24 j 22:56	12°♋39'34	
direct	-4574 Aug	26 j 23:47	12°♋15'42	
morning max el	-4574 Sep	02 j 23:42	16°♋13'41	19°06'11
	-4574 Sep	13 j 07:03	0°♌	
morning set	-4574 Sep	25 j 10:07	18°♌55'27	
	-4574 Oct	02 j 10:59	0°♍	
desc. node	-4574 Oct	06 j 19:50	6°♍52'27	
max. Earth dist.	-4574 Oct	10 j 05:24	12°♍13'56	1.44675 AU
superior conj	-4574 Oct	11 j 22:24	14°♍55'55	0°-31'-51
minimum elong	-4574 Oct	11 j 18:22	14°♍39'59	0°31'17
	-4574 Oct	21 j 09:02	0°♎	
evening rise	-4574 Oct	27 j 05:04	9°♎28'01	
	-4574 Nov	08 j 23:06	0°♏	
evening max el	-4574 Nov	16 j 09:23	9°♏49'06	18°39'48
asc. node	-4574 Nov	20 j 21:43	13°♏07'56	
retrograde	-4574 Nov	23 j 02:12	13°♏34'09	
evening set	-4574 Nov	26 j 01:39	12°♏44'18	
inferior conj	-4574 Dec	02 j 00:27	7°♏03'25	3°12'49
minimum elong	-4574 Dec	01 j 21:14	7°♏13'01	3°11'53
min. Earth dist.	-4574 Dec	03 j 20:25	4°♏52'27	0.64803 AU
morning rise	-4574 Dec	07 j 15:39	0°♏56'59	
	-4574 Dec	08 j 21:12	30°℞♎	
direct	-4574 Dec	14 j 09:31	28°♎07'09	
	-4574 Dec	20 j 11:46	0°♏	
morning max el	-4574 Dec	27 j 15:22	5°♏44'29	27°06'04
desc. node	-4573 Jan	02 j 19:51	12°♏38'14	
	-4573 Jan	15 j 07:29	0°♐	
morning set	-4573 Feb	01 j 03:13	29°♐12'48	
	-4573 Feb	01 j 12:56	0°♑	
max. Earth dist.	-4573 Feb	05 j 19:34	8°♑31'29	1.34173 AU
superior conj	-4573 Feb	09 j 08:54	15°♑53'17	-1°-10'-49
minimum elong	-4573 Feb	09 j 11:43	16°♑08'03	1°10'36
	-4573 Feb	16 j 01:15	0°♒	
evening rise	-4573 Feb	16 j 18:47	1°♒31'33	
asc. node	-4573 Feb	16 j 20:48	1°♒42'01	
	-4573 Mar	05 j 07:19	0°♓	
evening max el	-4573 Mar	09 j 07:35	4°♓23'24	21°45'38
retrograde	-4573 Mar	21 j 14:38	10°♓18'41	
evening set	-4573 Mar	24 j 07:29	10°♓02'22	
desc. node	-4573 Mar	31 j 18:49	7°♓00'51	
inferior conj	-4573 Apr	02 j 14:45	5°♓59'38	0°-30'-16
minimum elong	-4573 Apr	02 j 13:20	6°♓01'38	0°29'55
min. Earth dist.	-4573 Apr	02 j 12:23	6°♓02'58	0.55205 AU
morning rise	-4573 Apr	11 j 19:48	1°♓58'35	
direct	-4573 Apr	14 j 14:54	1°♓41'14	
morning max el	-4573 Apr	26 j 20:41	7°♓30'10	21°43'37
	-4573 May	12 j 09:04	0°♈	
asc. node	-4573 May	15 j 20:31	6°♈50'34	
morning set	-4573 May	17 j 11:09	10°♈08'28	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4573 May 24 j 20:59	25°♈40'55	1°21'09
minimum elong	-4573 May 24 j 18:16	25°♈26'44	1°20'51
	-4573 May 26 j 23:02	0°♉	
max. Earth dist.	-4573 May 28 j 09:54	2°♉57'58	1.34892 AU
evening rise	-4573 Jun 02 j 02:25	12°♉13'45	
	-4573 Jun 11 j 23:20	0°♊	
desc. node	-4573 Jun 27 j 17:19	23°♊31'17	
	-4573 Jul 03 j 00:59	0°♋	
evening max el	-4573 Jul 07 j 04:22	4°♋21'52	26°54'54
retrograde	-4573 Jul 20 j 07:36	11°♋42'19	
evening set	-4573 Jul 27 j 02:40	8°♋55'19	
min. Earth dist.	-4573 Jul 31 j 00:25	4°♋58'07	0.65443 AU
inferior conj	-4573 Aug 01 j 21:00	2°♋47'40	-2°-59'-2
minimum elong	-4573 Aug 02 j 00:34	2°♋37'12	2°57'47
	-4573 Aug 04 j 08:56	30°℞♊	
morning rise	-4573 Aug 07 j 23:36	27°♊06'17	
direct	-4573 Aug 10 j 20:37	26°♊20'33	
asc. node	-4573 Aug 11 j 20:00	26°♊25'45	
	-4573 Aug 17 j 11:57	0°♋	
morning max el	-4573 Aug 17 j 11:17	29°♊58'20	18°25'42
morning set	-4573 Sep 05 j 21:36	29°♋02'54	
	-4573 Sep 06 j 11:34	0°♌	
superior conj	-4573 Sep 20 j 22:01	23°♌12'39	0°17'31
minimum elong	-4573 Sep 21 j 00:16	23°♌21'32	0°17'22
max. Earth dist.	-4573 Sep 22 j 23:51	26°♌29'35	1.44760 AU
desc. node	-4573 Sep 23 j 16:45	27°♌36'14	
	-4573 Sep 25 j 05:14	0°♍	
evening rise	-4573 Oct 07 j 11:17	19°♍14'40	
	-4573 Oct 14 j 07:53	0°♎	
greatest brilliancy	-4573 Oct 20 j 23:11	10°♎13'14	-0.7m
evening max el	-4573 Oct 30 j 18:37	23°♎15'39	19°21'39
retrograde	-4573 Nov 06 j 22:01	27°♎22'44	
asc. node	-4573 Nov 07 j 18:49	27°♎18'24	
evening set	-4573 Nov 10 j 04:26	26°♎20'30	
inferior conj	-4573 Nov 15 j 21:05	20°♎24'42	2°31'41
minimum elong	-4573 Nov 15 j 18:06	20°♎34'16	2°30'39
min. Earth dist.	-4573 Nov 17 j 03:20	18°♎47'56	0.65948 AU
morning rise	-4573 Nov 21 j 06:58	14°♎11'43	
direct	-4573 Nov 27 j 12:26	11°♎29'56	
morning max el	-4573 Dec 10 j 00:57	18°♎50'54	26°06'53
	-4573 Dec 19 j 13:29	0°♏	
desc. node	-4573 Dec 20 j 16:49	1°♏30'31	
	-4572 Jan 08 j 07:52	0°♐	
morning set	-4572 Jan 15 j 04:21	12°♐13'37	
max. Earth dist.	-4572 Jan 19 j 05:42	19°♐55'54	1.35552 AU
superior conj	-4572 Jan 24 j 06:13	29°♐55'17	-1°-30'-43
minimum elong	-4572 Jan 24 j 09:16	0°♑10'46	1°30'37
	-4572 Jan 24 j 07:09	0°♑	
evening rise	-4572 Feb 01 j 02:04	16°♑02'12	
asc. node	-4572 Feb 03 j 17:49	21°♑24'07	
	-4572 Feb 08 j 06:41	0°♒	
evening max el	-4572 Feb 19 j 12:43	15°♒41'54	20°24'29
retrograde	-4572 Mar 01 j 05:03	20°♒46'05	
evening set	-4572 Mar 03 j 13:34	20°♒32'20	
inferior conj	-4572 Mar 12 j 11:28	16°♒33'52	1°24'08
minimum elong	-4572 Mar 12 j 15:01	16°♒28'38	1°22'48
min. Earth dist.	-4572 Mar 14 j 02:20	15°♒36'40	0.55496 AU
desc. node	-4572 Mar 17 j 15:57	13°♒41'06	
morning rise	-4572 Mar 21 j 14:20	12°♒12'45	
direct	-4572 Mar 25 j 04:27	11°♒44'41	
morning max el	-4572 Apr 07 j 16:24	18°♒22'21	23°20'11
	-4572 Apr 17 j 04:00	0°♓	
morning set	-4572 Apr 30 j 22:37	25°♓07'37	
asc. node	-4572 May 01 j 17:29	26°♓46'36	
	-4572 May 03 j 05:58	0°♈	

superior conj	-4572 May 08 j 02:41	10°♈25'22	1°01'42
minimum elong	-4572 May 08 j 00:18	10°♈12'36	1°01'18
max. Earth dist.	-4572 May 10 j 10:03	15°♈19'13	1.33793 AU
evening rise	-4572 May 15 j 18:28	26°♈17'45	
	-4572 May 17 j 15:44	0°♉	
	-4572 Jun 04 j 08:13	0°♊	
desc. node	-4572 Jun 13 j 14:26	12°♊10'57	
evening max el	-4572 Jun 18 j 15:09	17°♊33'16	27°22'33
retrograde	-4572 Jul 02 j 04:58	24°♊58'08	
evening set	-4572 Jul 09 j 07:27	22°♊14'54	
min. Earth dist.	-4572 Jul 12 j 23:14	18°♊53'37	0.64060 AU
inferior conj	-4572 Jul 15 j 09:59	16°♊17'18	-3°-37'-45
minimum elong	-4572 Jul 15 j 13:31	16°♊07'52	3°36'49
morning rise	-4572 Jul 21 j 21:20	10°♊53'03	
direct	-4572 Jul 24 j 13:27	10°♊16'44	
asc. node	-4572 Jul 28 j 17:04	11°♊43'30	
morning max el	-4572 Jul 31 j 01:41	13°♊43'06	18°02'24
	-4572 Aug 11 j 08:54	0°♋	
morning set	-4572 Aug 17 j 11:28	10°♋25'14	
	-4572 Aug 29 j 03:03	0°♌	
superior conj	-4572 Aug 30 j 11:43	2°♌13'27	1°01'00
minimum elong	-4572 Aug 30 j 17:31	2°♌37'03	1°00'32
max. Earth dist.	-4572 Sep 04 j 16:39	10°♌36'59	1.44124 AU
desc. node	-4572 Sep 09 j 13:40	18°♌19'56	
evening rise	-4572 Sep 15 j 20:36	28°♌07'34	
	-4572 Sep 17 j 01:44	0°♍	
greatest brilliancy	-4572 Oct 06 j 07:30	28°♍34'58	-0.6m
	-4572 Oct 07 j 08:48	0°♎	
evening max el	-4572 Oct 12 j 22:47	6°♎41'46	20°18'48
retrograde	-4572 Oct 20 j 19:15	11°♎18'49	
evening set	-4572 Oct 24 j 10:51	10°♎01'35	
asc. node	-4572 Oct 24 j 15:57	9°♎52'17	
inferior conj	-4572 Oct 29 j 23:04	3°♎54'25	1°44'28
minimum elong	-4572 Oct 29 j 20:49	4°♎01'58	1°43'36
min. Earth dist.	-4572 Oct 30 j 17:11	2°♎53'35	0.66744 AU
	-4572 Nov 01 j 23:31	30°℞♍	
morning rise	-4572 Nov 04 j 06:15	27°♍37'27	
direct	-4572 Nov 09 j 20:50	25°♍11'53	
	-4572 Nov 19 j 05:45	0°♎	
morning max el	-4572 Nov 21 j 09:51	2°♎03'58	24°49'36
desc. node	-4572 Dec 06 j 13:45	21°♎00'23	
	-4572 Dec 12 j 16:21	0°♏	
morning set	-4572 Dec 27 j 10:41	24°♏13'44	
	-4572 Dec 30 j 15:47	0°♐	
max. Earth dist.	-4572 Dec 31 j 05:33	1°♐03'05	1.37335 AU
superior conj	-4571 Jan 06 j 17:32	13°♐22'24	-1°-45'-44
minimum elong	-4571 Jan 06 j 19:58	13°♐34'14	1°45'49
evening rise	-4571 Jan 15 j 04:07	0°♑10'55	
	-4571 Jan 15 j 01:56	0°♑	
asc. node	-4571 Jan 20 j 14:52	10°♑44'55	
evening max el	-4571 Feb 01 j 04:23	27°♑36'14	19°20'46
	-4571 Feb 04 j 04:35	0°♒	
retrograde	-4571 Feb 10 j 06:00	1°♒55'02	
evening set	-4571 Feb 12 j 14:34	1°♒38'49	
	-4571 Feb 16 j 19:24	30°℞♑	
inferior conj	-4571 Feb 20 j 20:46	27°♑29'57	2°54'07
minimum elong	-4571 Feb 21 j 01:50	27°♑21'30	2°52'41
min. Earth dist.	-4571 Feb 23 j 17:10	25°♑36'46	0.56637 AU
morning rise	-4571 Mar 01 j 09:23	22°♑39'07	
desc. node	-4571 Mar 04 j 13:04	21°♑52'33	
direct	-4571 Mar 06 j 04:30	21°♑46'15	
morning max el	-4571 Mar 20 j 07:32	28°♑58'09	24°58'05
	-4571 Mar 21 j 08:34	0°♒	
	-4571 Apr 10 j 10:06	0°♓	
morning set	-4571 Apr 15 j 10:55	10°♓10'43	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4571 Apr 18 j 14:28	16°♓53'27	
superior conj	-4571 Apr 22 j 12:13	25°♓22'11	0°39'33
minimum elong	-4571 Apr 22 j 10:33	25°♓13'09	0°39'11
max. Earth dist.	-4571 Apr 23 j 18:00	28°♓03'31	1.33053 AU
	-4571 Apr 24 j 15:37	0°♈	
evening rise	-4571 Apr 29 j 19:10	10°♈48'53	
	-4571 May 09 j 22:33	0°♉	
desc. node	-4571 May 31 j 11:33	29°♉49'09	
	-4571 May 31 j 16:00	0°♊	
evening max el	-4571 May 31 j 23:24	0°♊17'51	27°19'54
retrograde	-4571 Jun 14 j 20:19	7°♊42'25	
evening set	-4571 Jun 21 j 22:10	5°♊17'02	
min. Earth dist.	-4571 Jun 25 j 12:26	2°♊22'42	0.62317 AU
	-4571 Jun 28 j 00:44	30°℞♉	
inferior conj	-4571 Jun 28 j 12:21	29°♉32'13	-4°-5'-14
minimum elong	-4571 Jun 28 j 14:47	29°♉26'24	4°04'47
morning rise	-4571 Jul 05 j 09:55	24°♉27'40	
direct	-4571 Jul 07 j 23:02	23°♉58'30	
morning max el	-4571 Jul 14 j 16:17	27°♉22'44	17°57'16
asc. node	-4571 Jul 15 j 14:07	28°♉19'11	
	-4571 Jul 17 j 00:39	0°♊	
morning set	-4571 Jul 30 j 23:14	22°♊50'36	
	-4571 Aug 03 j 23:12	0°♋	
superior conj	-4571 Aug 11 j 04:05	12°♋34'05	1°30'46
minimum elong	-4571 Aug 11 j 09:00	12°♋55'01	1°30'34
max. Earth dist.	-4571 Aug 18 j 05:01	24°♋18'59	1.42867 AU
	-4571 Aug 21 j 17:24	0°♌	
evening rise	-4571 Aug 26 j 00:54	6°♌49'21	
desc. node	-4571 Aug 27 j 10:38	9°♌00'52	
	-4571 Sep 10 j 09:32	0°♍	
greatest brilliancy	-4571 Sep 20 j 18:20	14°♍13'49	-0.4m
evening max el	-4571 Sep 25 j 20:50	20°♍07'04	21°28'32
retrograde	-4571 Oct 04 j 15:50	25°♍20'01	
evening set	-4571 Oct 08 j 18:51	23°♍45'14	
asc. node	-4571 Oct 11 j 13:06	20°♍58'30	
inferior conj	-4571 Oct 14 j 04:17	17°♍30'15	0°53'27
minimum elong	-4571 Oct 14 j 03:04	17°♍34'26	0°53'01
min. Earth dist.	-4571 Oct 14 j 11:32	17°♍05'17	0.67224 AU
morning rise	-4571 Oct 19 j 10:57	11°♍12'22	
direct	-4571 Oct 24 j 10:15	9°♍07'09	
morning max el	-4571 Nov 03 j 19:16	15°♍19'16	23°23'59
greatest brilliancy	-4571 Nov 09 j 13:11	21°♍50'39	-0.2m
	-4571 Nov 15 j 18:45	0°♎	
desc. node	-4571 Nov 23 j 10:40	10°♎56'59	
	-4571 Dec 05 j 16:15	0°♏	
morning set	-4571 Dec 08 j 16:06	4°♏57'26	
max. Earth dist.	-4571 Dec 13 j 01:10	12°♏26'21	1.39370 AU
superior conj	-4571 Dec 20 j 14:46	26°♏03'49	-1°-53'-16
minimum elong	-4571 Dec 20 j 15:20	26°♏06'30	1°53'28
	-4571 Dec 22 j 17:12	0°♐	
evening rise	-4571 Dec 29 j 22:24	13°♐51'14	
asc. node	-4570 Jan 07 j 11:56	29°♐37'18	
	-4570 Jan 07 j 17:24	0°♑	
evening max el	-4570 Jan 15 j 05:28	10°♑04'01	18°36'47
retrograde	-4570 Jan 23 j 00:33	13°♑51'20	
evening set	-4570 Jan 25 j 11:41	13°♑30'00	
inferior conj	-4570 Feb 02 j 01:40	9°♑02'09	3°46'26
minimum elong	-4570 Feb 02 j 04:48	8°♑56'06	3°45'49
min. Earth dist.	-4570 Feb 05 j 10:19	6°♑27'39	0.58379 AU
morning rise	-4570 Feb 09 j 18:18	3°♑44'54	
direct	-4570 Feb 15 j 18:03	2°♑14'56	
desc. node	-4570 Feb 19 j 10:12	2°♑48'11	
morning max el	-4570 Mar 02 j 00:02	9°♑44'39	26°22'21
	-4570 Mar 17 j 10:47	0°♒	
morning set	-4570 Mar 30 j 22:17	25°♒10'52	
	-4570 Apr 02 j 04:52	0°♓	
asc. node	-4570 Apr 05 j 11:26	7°♓05'53	
superior conj	-4570 Apr 06 j 23:39	10°♓23'52	0°15'39
minimum elong	-4570 Apr 06 j 22:58	10°♓20'08	0°15'25
behind sun begin	-4570 Apr 06 j 21:57	10°♓14'33	
behind sun end	-4570 Apr 06 j 23:59	10°♓25'42	
max. Earth dist.	-4570 Apr 07 j 06:28	11°♓01'12	1.32663 AU
evening rise	-4570 Apr 14 j 01:38	25°♓36'47	
	-4570 Apr 16 j 05:03	0°♈	
	-4570 May 03 j 16:37	0°♉	
evening max el	-4570 May 14 j 02:48	12°♉24'23	26°44'24
desc. node	-4570 May 18 j 08:44	15°♉59'14	
retrograde	-4570 May 28 j 04:05	19°♉45'17	
evening set	-4570 Jun 03 j 18:34	17°♉51'23	
min. Earth dist.	-4570 Jun 07 j 16:19	15°♉09'16	0.60328 AU
inferior conj	-4570 Jun 11 j 00:31	12°♉22'57	-4°-15'-15
minimum elong	-4570 Jun 11 j 00:31	12°♉22'57	4°15'08
morning rise	-4570 Jun 18 j 09:49	7°♉39'53	
direct	-4570 Jun 20 j 21:30	7°♉16'09	
morning max el	-4570 Jun 28 j 04:08	10°♉48'39	18°11'14
asc. node	-4570 Jul 02 j 11:10	15°♉56'11	
	-4570 Jul 10 j 21:07	0°♊	
morning set	-4570 Jul 14 j 03:27	6°♊04'32	
superior conj	-4570 Jul 23 j 22:55	24°♊13'27	1°46'00
minimum elong	-4570 Jul 24 j 01:04	24°♊23'10	1°46'09
	-4570 Jul 27 j 05:00	0°♋	
max. Earth dist.	-4570 Jul 31 j 11:45	7°♋22'26	1.41157 AU
evening rise	-4570 Aug 05 j 20:11	16°♋14'33	
desc. node	-4570 Aug 14 j 07:37	29°♋35'06	
	-4570 Aug 14 j 14:09	0°♌	
greatest brilliancy	-4570 Sep 03 j 15:50	28°♌04'17	-0.3m
	-4570 Sep 05 j 06:53	0°♍	
evening max el	-4570 Sep 08 j 13:02	3°♍32'23	22°46'45
retrograde	-4570 Sep 18 j 10:07	9°♍23'50	
evening set	-4570 Sep 23 j 02:37	7°♍29'32	
inferior conj	-4570 Sep 28 j 10:50	1°♍10'18	0°00'30
minimum elong	-4570 Sep 28 j 10:49	1°♍10'21	0°00'36
transit middle	-4570 Sep 28 j 10:49	1°♍10'21	0°00'36
transit begin	-4570 Sep 28 j 08:07	1°♍19'39	
transit end	-4570 Sep 28 j 13:31	1°♍01'03	
asc. node	-4570 Sep 28 j 10:14	1°♍12'20	
min. Earth dist.	-4570 Sep 28 j 07:50	1°♍20'37	0.67403 AU
	-4570 Sep 29 j 07:18	30°℞♌	
morning rise	-4570 Oct 03 j 18:55	24°♌54'41	
direct	-4570 Oct 08 j 03:45	23°♌10'52	
morning max el	-4570 Oct 17 j 08:16	28°♌38'33	21°59'06
	-4570 Oct 18 j 15:08	0°♍	
greatest brilliancy	-4570 Oct 22 j 04:45	4°♍10'20	-0.4m
	-4570 Nov 09 j 12:29	0°♎	
desc. node	-4570 Nov 10 j 07:36	1°♎12'35	
morning set	-4570 Nov 18 j 16:54	14°♎18'03	
max. Earth dist.	-4570 Nov 25 j 00:36	24°♎37'26	1.41392 AU
	-4570 Nov 28 j 05:05	0°♏	
superior conj	-4570 Dec 02 j 16:37	7°♏46'06	-1°-50'00
minimum elong	-4570 Dec 02 j 14:02	7°♏34'41	1°50'02
evening rise	-4570 Dec 13 j 05:43	26°♏55'58	
	-4570 Dec 14 j 21:30	0°♐	
asc. node	-4570 Dec 25 j 09:02	17°♐52'12	
evening max el	-4570 Dec 29 j 13:22	22°♐57'22	18°12'53
retrograde	-4569 Jan 05 j 13:04	26°♐28'45	
evening set	-4569 Jan 08 j 02:42	26°♐01'00	
inferior conj	-4569 Jan 15 j 02:34	21°♐10'54	4°04'30
minimum elong	-4569 Jan 15 j 02:48	21°♐10'23	4°04'16

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4569 Jan 18 j 08:30	18°♐17'50	0.60369 AU
morning rise	-4569 Jan 22 j 00:08	15°♐34'16	
direct	-4569 Jan 28 j 18:46	13°♐26'32	
desc. node	-4569 Feb 06 j 07:17	16°♐26'07	
morning max el	-4569 Feb 11 j 22:07	21°♐04'24	27°19'30
	-4569 Feb 19 j 17:04	0°♑	
	-4569 Mar 10 j 06:27	0°♒	
morning set	-4569 Mar 15 j 06:59	10°♒01'45	
superior conj	-4569 Mar 22 j 11:19	25°♒24'33	0°-9'-9
minimum elong	-4569 Mar 22 j 11:44	25°♒26'49	0°09'12
behind sun begin	-4569 Mar 22 j 07:38	25°♒04'21	
behind sun end	-4569 Mar 22 j 15:51	25°♒49'17	
max. Earth dist.	-4569 Mar 21 j 19:54	24°♒00'16	1.32614 AU
asc. node	-4569 Mar 23 j 08:26	27°♒19'58	
	-4569 Mar 24 j 13:43	0°♓	
evening rise	-4569 Mar 29 j 11:38	10°♓33'33	
	-4569 Apr 08 j 13:20	0°♈	
evening max el	-4569 Apr 26 j 00:05	23°♈49'20	25°38'38
	-4569 May 04 j 22:31	0°♉	
desc. node	-4569 May 05 j 05:54	0°♉07'08	
retrograde	-4569 May 10 j 02:11	1°♉02'32	
	-4569 May 15 j 04:59	30°℞♈	
evening set	-4569 May 15 j 17:35	29°♈46'47	
min. Earth dist.	-4569 May 20 j 12:35	27°♈00'22	0.58314 AU
inferior conj	-4569 May 23 j 18:53	24°♈40'02	-3°-58'-58
minimum elong	-4569 May 23 j 15:31	24°♈46'08	3°58'30
morning rise	-4569 May 31 j 17:26	20°♈18'29	
direct	-4569 Jun 03 j 04:32	19°♈59'05	
morning max el	-4569 Jun 11 j 10:23	23°♈52'23	18°45'10
	-4569 Jun 16 j 12:53	0°♉	
asc. node	-4569 Jun 19 j 08:11	4°♉20'40	
morning set	-4569 Jun 27 j 19:38	19°♉55'42	
	-4569 Jul 02 j 23:43	0°♊	
superior conj	-4569 Jul 06 j 14:59	6°♊57'39	1°49'11
minimum elong	-4569 Jul 06 j 14:38	6°♊55'58	1°49'24
max. Earth dist.	-4569 Jul 13 j 14:17	19°♊44'19	1.39226 AU
evening rise	-4569 Jul 17 j 17:02	26°♊53'35	
	-4569 Jul 19 j 13:10	0°♋	
desc. node	-4569 Aug 01 j 04:40	19°♋58'18	
	-4569 Aug 08 j 04:11	0°♌	
evening max el	-4569 Aug 22 j 01:11	16°♌59'26	24°07'36
retrograde	-4569 Sep 02 j 00:59	23°♌27'15	
evening set	-4569 Sep 07 j 08:23	21°♌12'59	
min. Earth dist.	-4569 Sep 12 j 03:35	15°♌38'08	0.67284 AU
inferior conj	-4569 Sep 12 j 16:59	14°♌52'47	0°-52'-44
minimum elong	-4569 Sep 12 j 18:12	14°♌48'39	0°52'05
asc. node	-4569 Sep 15 j 07:23	11°♌30'46	
morning rise	-4569 Sep 18 j 04:13	8°♌42'43	
direct	-4569 Sep 22 j 00:11	7°♌19'01	
morning max el	-4569 Sep 30 j 03:42	12°♌05'40	20°41'53
greatest brilliancy	-4569 Oct 06 j 06:25	19°♌23'03	-0.5m
	-4569 Oct 13 j 20:06	0°♍	
desc. node	-4569 Oct 28 j 04:29	21°♍41'02	
morning set	-4569 Oct 28 j 19:30	22°♍39'18	
	-4569 Nov 02 j 11:53	0°♎	
max. Earth dist.	-4569 Nov 07 j 07:42	7°♎43'07	1.43113 AU
superior conj	-4569 Nov 13 j 17:20	18°♎14'26	-1°-32'-13
minimum elong	-4569 Nov 13 j 11:22	17°♎49'30	1°31'47
	-4569 Nov 20 j 15:03	0°♏	
evening rise	-4569 Nov 25 j 22:01	9°♏16'01	
	-4569 Dec 08 j 04:37	0°♐	
asc. node	-4569 Dec 12 j 06:09	5°♐17'14	
evening max el	-4569 Dec 13 j 01:02	6°♐06'54	18°08'36
retrograde	-4569 Dec 19 j 15:35	9°♐35'37	
evening set	-4569 Dec 22 j 07:58	9°♐00'32	
inferior conj	-4569 Dec 28 j 20:18	3°♐48'45	3°57'13
minimum elong	-4569 Dec 28 j 18:21	3°♐53'43	3°56'49
min. Earth dist.	-4569 Dec 31 j 14:56	0°♐59'44	0.62300 AU
	-4568 Jan 01 j 16:00	30°℞♏	
morning rise	-4568 Jan 04 j 02:44	27°♏57'43	
direct	-4568 Jan 11 j 04:17	25°♏22'11	
	-4568 Jan 21 j 16:04	0°♐	
desc. node	-4568 Jan 24 j 04:19	2°♐11'29	
morning max el	-4568 Jan 25 j 02:27	3°♐04'32	27°41'49
	-4568 Feb 14 j 02:42	0°♑	
morning set	-4568 Feb 27 j 10:51	24°♑35'04	
	-4568 Mar 01 j 01:53	0°♒	
max. Earth dist.	-4568 Mar 04 j 06:18	6°♒45'38	1.32910 AU
superior conj	-4568 Mar 05 j 21:32	10°♒17'24	0°-33'-59
minimum elong	-4568 Mar 05 j 23:02	10°♒25'32	0°33'52
asc. node	-4568 Mar 09 j 05:26	17°♒30'57	
evening rise	-4568 Mar 12 j 23:09	25°♒31'10	
	-4568 Mar 15 j 02:58	0°♓	
	-4568 Apr 02 j 08:18	0°♈	
evening max el	-4568 Apr 06 j 16:35	4°♈41'31	24°11'52
retrograde	-4568 Apr 20 j 12:36	11°♈38'07	
desc. node	-4568 Apr 21 j 03:04	11°♈37'17	
evening set	-4568 Apr 24 j 20:59	10°♈55'53	
min. Earth dist.	-4568 May 01 j 04:21	7°♈51'02	0.56576 AU
inferior conj	-4568 May 03 j 17:09	6°♈15'54	-3°-6'-39
minimum elong	-4568 May 03 j 11:27	6°♈24'52	3°05'17
morning rise	-4568 May 12 j 05:54	2°♈12'07	
direct	-4568 May 14 j 16:47	1°♈56'03	
morning max el	-4568 May 24 j 08:19	6°♈24'56	19°39'32
asc. node	-4568 Jun 05 j 05:11	23°♈21'28	
	-4568 Jun 08 j 16:55	0°♉	
morning set	-4568 Jun 10 j 20:21	4°♉15'14	
superior conj	-4568 Jun 18 j 22:45	20°♉31'15	1°43'15
minimum elong	-4568 Jun 18 j 20:47	20°♉21'35	1°43'18
	-4568 Jun 23 j 20:24	0°♊	
max. Earth dist.	-4568 Jun 24 j 16:49	1°♊35'53	1.37327 AU
evening rise	-4568 Jun 28 j 15:07	8°♊47'49	
	-4568 Jul 11 j 07:43	0°♋	
desc. node	-4568 Jul 18 j 01:43	10°♋04'50	
	-4568 Aug 03 j 00:01	0°♌	
evening max el	-4568 Aug 03 j 11:42	0°♌29'05	25°23'50
retrograde	-4568 Aug 15 j 11:43	7°♌26'15	
evening set	-4568 Aug 21 j 10:16	4°♌54'12	
	-4568 Aug 25 j 19:16	30°℞♋	
min. Earth dist.	-4568 Aug 25 j 20:26	29°♋56'11	0.66843 AU
inferior conj	-4568 Aug 26 j 21:00	28°♋36'16	-1°-44'-38
minimum elong	-4568 Aug 26 j 23:22	28°♋28'33	1°43'32
asc. node	-4568 Sep 01 j 04:29	22°♋49'28	
morning rise	-4568 Sep 01 j 12:59	22°♋34'53	
direct	-4568 Sep 04 j 22:10	21°♋28'35	
morning max el	-4568 Sep 12 j 06:26	25°♋41'58	19°36'59
	-4568 Sep 15 j 23:25	0°♌	
greatest brilliancy	-4568 Sep 20 j 22:23	6°♌47'41	-0.7m
	-4568 Oct 06 j 04:10	0°♍	
morning set	-4568 Oct 06 j 20:17	1°♍02'39	
desc. node	-4568 Oct 14 j 01:24	12°♍18'27	
max. Earth dist.	-4568 Oct 19 j 21:14	21°♍29'45	1.44294 AU
superior conj	-4568 Oct 23 j 14:32	27°♍25'52	0°-57'-56
minimum elong	-4568 Oct 23 j 08:12	27°♍00'31	0°57'12
	-4568 Oct 25 j 04:53	0°♎	
evening rise	-4568 Nov 06 j 18:43	20°♎42'34	
	-4568 Nov 12 j 07:33	0°♏	
evening max el	-4568 Nov 25 j 13:44	19°♏26'41	18°23'10

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4568 Nov 28 j 03:15	21°♏38'44	
retrograde	-4568 Dec 02 j 03:43	23°♏03'24	
evening set	-4568 Dec 04 j 23:59	22°♏19'39	
inferior conj	-4568 Dec 11 j 03:08	16°♏48'29	3°32'34
minimum elong	-4568 Dec 11 j 00:06	16°♏57'05	3°31'48
min. Earth dist.	-4568 Dec 13 j 07:27	14°♏20'23	0.63985 AU
morning rise	-4568 Dec 16 j 22:47	10°♏46'37	
direct	-4568 Dec 23 j 21:26	7°♏57'44	
morning max el	-4567 Jan 06 j 10:55	15°♏39'56	27°28'19
desc. node	-4567 Jan 10 j 01:21	19°♏29'47	
	-4567 Jan 18 j 07:49	0°♐	
	-4567 Feb 05 j 18:21	0°♑	
morning set	-4567 Feb 10 j 07:17	8°♑42'00	
max. Earth dist.	-4567 Feb 15 j 09:35	19°♑03'36	1.33590 AU
superior conj	-4567 Feb 18 j 04:29	24°♑56'21	0°-57'-55
minimum elong	-4567 Feb 18 j 06:55	25°♑09'17	0°57'43
	-4567 Feb 20 j 13:19	0°♒	
asc. node	-4567 Feb 24 j 02:25	7°♒34'36	
evening rise	-4567 Feb 25 j 10:26	10°♒23'17	
	-4567 Mar 07 j 17:04	0°♓	
evening max el	-4567 Mar 19 j 09:34	15°♓25'09	22°37'44
retrograde	-4567 Apr 01 j 10:54	21°♓48'09	
evening set	-4567 Apr 04 j 14:27	21°♓26'24	
desc. node	-4567 Apr 08 j 00:13	20°♓18'30	
min. Earth dist.	-4567 Apr 12 j 18:47	17°♓50'52	0.55456 AU
inferior conj	-4567 Apr 13 j 21:26	17°♓12'40	-1°-35'-18
minimum elong	-4567 Apr 13 j 17:18	17°♓18'36	1°34'03
morning rise	-4567 Apr 22 j 22:29	13°♓15'23	
direct	-4567 Apr 25 j 11:54	13°♓00'10	
morning max el	-4567 May 06 j 19:55	18°♓18'29	20°53'30
	-4567 May 15 j 23:29	0°♈	
asc. node	-4567 May 23 j 02:10	12°♈49'20	
morning set	-4567 May 26 j 02:53	18°♈55'17	
	-4567 May 31 j 11:12	0°♉	
superior conj	-4567 Jun 02 j 17:35	4°♉40'30	1°30'40
minimum elong	-4567 Jun 02 j 14:56	4°♉26'54	1°30'29
max. Earth dist.	-4567 Jun 07 j 01:14	13°♉22'19	1.35675 AU
evening rise	-4567 Jun 11 j 09:32	21°♉44'20	
	-4567 Jun 15 j 22:11	0°♊	
desc. node	-4567 Jul 04 j 22:48	29°♊46'41	
	-4567 Jul 05 j 02:44	0°♋	
evening max el	-4567 Jul 16 j 22:29	13°♋58'22	26°27'23
retrograde	-4567 Jul 29 j 17:45	21°♋14'09	
evening set	-4567 Aug 05 j 06:07	18°♋30'03	
min. Earth dist.	-4567 Aug 09 j 08:01	14°♋10'39	0.66054 AU
inferior conj	-4567 Aug 10 j 20:58	12°♋17'31	-2°-33'-22
minimum elong	-4567 Aug 11 j 00:14	12°♋07'31	2°32'04
morning rise	-4567 Aug 16 j 19:16	6°♋27'55	
asc. node	-4567 Aug 19 j 01:34	5°♋39'03	
direct	-4567 Aug 19 j 19:57	5°♋35'44	
morning max el	-4567 Aug 26 j 15:19	9°♋24'23	18°46'59
	-4567 Sep 10 j 03:47	0°♌	
morning set	-4567 Sep 16 j 16:07	10°♌24'07	
	-4567 Sep 29 j 00:28	0°♍	
desc. node	-4567 Sep 30 j 22:19	3°♍00'45	
superior conj	-4567 Oct 02 j 16:15	5°♍45'59	0°-11'-1
minimum elong	-4567 Oct 02 j 14:48	5°♍40'18	0°10'44
behind sun begin	-4567 Oct 02 j 06:05	5°♍05'57	
behind sun end	-4567 Oct 02 j 23:31	6°♍14'40	
max. Earth dist.	-4567 Oct 02 j 14:09	5°♍37'42	1.44795 AU
	-4567 Oct 17 j 22:56	0°♎	
evening rise	-4567 Oct 18 j 15:20	1°♎05'43	
	-4567 Nov 06 j 12:57	0°♏	
evening max el	-4567 Nov 09 j 00:53	2°♏51'50	18°55'36
asc. node	-4567 Nov 15 j 00:21	6°♏41'09	
retrograde	-4567 Nov 15 j 21:33	6°♏45'33	
evening set	-4567 Nov 18 j 23:37	5°♏50'55	
inferior conj	-4567 Nov 24 j 19:36	0°♏03'25	2°56'18
minimum elong	-4567 Nov 24 j 16:24	0°♏13'17	2°55'17
	-4567 Nov 24 j 20:42	30°℞♎	
min. Earth dist.	-4567 Nov 26 j 09:38	28°♎06'13	0.65333 AU
morning rise	-4567 Nov 30 j 08:09	23°♎53'39	
direct	-4567 Dec 06 j 21:10	21°♎05'41	
morning max el	-4567 Dec 19 j 20:38	28°♎38'25	26°43'38
	-4567 Dec 21 j 04:29	0°♏	
desc. node	-4567 Dec 27 j 22:20	7°♏53'50	
	-4566 Jan 12 j 02:25	0°♐	
morning set	-4566 Jan 24 j 16:48	22°♐11'34	
	-4566 Jan 28 j 17:00	0°♑	
max. Earth dist.	-4566 Jan 29 j 02:16	0°♑46'17	1.34701 AU
superior conj	-4566 Feb 02 j 06:06	9°♑14'53	-1°-19'-43
minimum elong	-4566 Feb 02 j 09:06	9°♑30'24	1°19'33
evening rise	-4566 Feb 09 j 19:44	25°♑04'01	
asc. node	-4566 Feb 10 j 23:25	27°♑26'28	
	-4566 Feb 12 j 05:43	0°♒	
evening max el	-4566 Mar 01 j 09:21	26°♒27'32	21°09'18
	-4566 Mar 06 j 00:24	0°♓	
retrograde	-4566 Mar 13 j 01:00	2°♓01'10	
evening set	-4566 Mar 15 j 12:29	1°♓46'58	
	-4566 Mar 20 j 15:17	30°℞♒	
inferior conj	-4566 Mar 24 j 17:06	27°♒48'27	0°19'30
minimum elong	-4566 Mar 24 j 17:59	27°♒47'11	0°19'03
min. Earth dist.	-4566 Mar 25 j 09:10	27°♒25'39	0.55210 AU
desc. node	-4566 Mar 25 j 21:22	27°♒08'23	
morning rise	-4566 Apr 02 j 22:44	23°♒40'21	
direct	-4566 Apr 06 j 00:13	23°♒19'50	
morning max el	-4566 Apr 18 j 20:50	29°♒31'37	22°23'40
	-4566 Apr 19 j 08:40	0°♓	
	-4566 May 08 j 16:25	0°♈	
asc. node	-4566 May 09 j 23:09	2°♈37'24	
morning set	-4566 May 10 j 13:08	3°♈49'52	
superior conj	-4566 May 17 j 20:09	19°♈15'19	1°13'18
minimum elong	-4566 May 17 j 17:31	19°♈01'24	1°12'57
max. Earth dist.	-4566 May 20 j 19:43	25°♈29'00	1.34377 AU
	-4566 May 23 j 00:49	0°♉	
evening rise	-4566 May 25 j 19:04	5°♉28'41	
	-4566 Jun 08 j 14:45	0°♊	
desc. node	-4566 Jun 21 j 19:53	18°♊53'25	
evening max el	-4566 Jun 29 j 09:53	27°♊20'35	27°10'09
	-4566 Jul 02 j 09:12	0°♋	
retrograde	-4566 Jul 12 j 18:31	4°♋44'06	
evening set	-4566 Jul 19 j 17:18	1°♋57'18	
	-4566 Jul 21 j 20:53	30°℞♊	
min. Earth dist.	-4566 Jul 23 j 12:13	28°♊15'47	0.64897 AU
inferior conj	-4566 Jul 25 j 14:44	25°♊53'20	-3°-16'-36
minimum elong	-4566 Jul 25 j 18:23	25°♊42'59	3°15'26
morning rise	-4566 Jul 31 j 20:51	20°♊18'39	
direct	-4566 Aug 03 j 15:27	19°♊37'19	
asc. node	-4566 Aug 05 j 22:39	20°♊05'27	
morning max el	-4566 Aug 10 j 04:22	23°♊09'34	18°13'33
	-4566 Aug 15 j 14:33	0°♋	
morning set	-4566 Aug 28 j 15:08	21°♋04'12	
	-4566 Sep 03 j 00:29	0°♌	
superior conj	-4566 Sep 11 j 19:19	14°♌14'19	0°37'20
minimum elong	-4566 Sep 11 j 23:40	14°♌31'42	0°36'57
max. Earth dist.	-4566 Sep 15 j 07:47	19°♌50'13	1.44572 AU
desc. node	-4566 Sep 17 j 19:14	23°♌44'54	
	-4566 Sep 21 j 18:49	0°♍	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4566 Sep 28 j 11:20	10°♍25'42	
	-4566 Oct 11 j 04:37	0°♎	
greatest brilliancy	-4566 Oct 15 j 06:54	6°♎02'06	-0.7m
evening max el	-4566 Oct 23 j 08:14	16°♎18'47	19°44'21
retrograde	-4566 Oct 30 j 18:10	20°♎37'33	
asc. node	-4566 Nov 01 j 21:29	20°♎10'59	
evening set	-4566 Nov 03 j 04:12	19°♎29'22	
inferior conj	-4566 Nov 08 j 18:47	13°♎28'36	2°12'16
minimum elong	-4566 Nov 08 j 16:04	13°♎37'31	2°11'16
min. Earth dist.	-4566 Nov 09 j 19:46	12°♎06'50	0.66328 AU
morning rise	-4566 Nov 14 j 03:13	7°♎13'41	
direct	-4566 Nov 20 j 02:41	4°♎37'43	
morning max el	-4566 Dec 02 j 05:42	11°♎47'55	25°35'36
desc. node	-4566 Dec 14 j 19:17	27°♎03'56	
	-4566 Dec 16 j 21:40	0°♏	
	-4565 Jan 04 j 18:13	0°♐	
morning set	-4565 Jan 07 j 10:41	4°♐48'56	
max. Earth dist.	-4565 Jan 11 j 07:16	11°♐59'07	1.36265 AU
superior conj	-4565 Jan 16 j 23:39	23°♐04'00	-1°-37'-49
minimum elong	-4565 Jan 17 j 02:33	23°♐18'33	1°37'48
	-4565 Jan 20 j 10:00	0°♑	
evening rise	-4565 Jan 25 j 01:04	9°♑26'30	
asc. node	-4565 Jan 28 j 20:27	17°♑00'38	
	-4565 Feb 05 j 07:07	0°♒	
evening max el	-4565 Feb 11 j 19:09	8°♒02'14	19°55'06
retrograde	-4565 Feb 21 j 18:06	12°♒45'06	
evening set	-4565 Feb 24 j 02:13	12°♒30'41	
inferior conj	-4565 Mar 04 j 17:51	8°♒29'36	2°06'30
minimum elong	-4565 Mar 04 j 22:35	8°♒22'19	2°04'55
min. Earth dist.	-4565 Mar 06 j 23:25	7°♒07'26	0.55894 AU
desc. node	-4565 Mar 12 j 18:31	4°♒13'41	
morning rise	-4565 Mar 13 j 15:53	3°♒56'20	
direct	-4565 Mar 17 j 17:58	3°♒19'20	
morning max el	-4565 Mar 31 j 13:43	10°♒13'34	24°02'22
	-4565 Apr 15 j 05:56	0°♓	
morning set	-4565 Apr 25 j 01:11	18°♓51'41	
asc. node	-4565 Apr 26 j 20:07	22°♓38'46	
	-4565 Apr 30 j 06:10	0°♈	
superior conj	-4565 May 02 j 03:45	4°♈06'02	0°52'34
minimum elong	-4565 May 02 j 01:38	3°♈54'37	0°52'11
max. Earth dist.	-4565 May 03 j 23:42	8°♈01'41	1.33444 AU
evening rise	-4565 May 09 j 15:15	19°♈46'04	
	-4565 May 14 j 21:52	0°♉	
	-4565 Jun 02 j 18:29	0°♊	
desc. node	-4565 Jun 08 j 17:01	7°♊09'41	
evening max el	-4565 Jun 11 j 20:08	10°♊22'55	27°25'24
retrograde	-4565 Jun 25 j 13:14	17°♊47'17	
evening set	-4565 Jul 02 j 16:34	15°♊10'16	
min. Earth dist.	-4565 Jul 06 j 07:08	12°♊01'36	0.63360 AU
inferior conj	-4565 Jul 08 j 23:36	9°♊17'51	-3°-51'-7
minimum elong	-4565 Jul 09 j 02:50	9°♊09'38	3°50'23
morning rise	-4565 Jul 15 j 15:05	4°♊01'21	
direct	-4565 Jul 18 j 05:47	3°♊28'13	
asc. node	-4565 Jul 23 j 19:44	5°♊58'12	
morning max el	-4565 Jul 24 j 19:06	6°♊52'28	17°57'54
	-4565 Aug 08 j 22:53	0°♋	
morning set	-4565 Aug 10 j 15:02	2°♋55'30	
superior conj	-4565 Aug 22 j 19:38	23°♋46'46	1°15'30
minimum elong	-4565 Aug 23 j 01:29	24°♋11'01	1°15'06
	-4565 Aug 26 j 14:27	0°♌	
max. Earth dist.	-4565 Aug 28 j 23:18	3°♌50'04	1.43659 AU
desc. node	-4565 Sep 04 j 16:11	14°♌27'58	
evening rise	-4565 Sep 07 j 16:02	19°♌07'34	
	-4565 Sep 14 j 18:35	0°♍	

greatest brilliancy	-4565 Sep 30 j 13:41	22°♍48'04	-0.5m
evening max el	-4565 Oct 06 j 09:58	29°♍45'14	20°47'15
	-4565 Oct 06 j 15:47	0°♎	
retrograde	-4565 Oct 14 j 15:14	4°♎36'28	
evening set	-4565 Oct 18 j 11:31	3°♎11'56	
asc. node	-4565 Oct 19 j 18:38	2°♎05'23	
	-4565 Oct 21 j 15:55	30°℞♍	
inferior conj	-4565 Oct 23 j 22:22	27°♍01'11	1°23'12
minimum elong	-4565 Oct 23 j 20:31	27°♍07'26	1°22'29
min. Earth dist.	-4565 Oct 24 j 11:43	26°♍15'47	0.66985 AU
morning rise	-4565 Oct 29 j 05:06	20°♍43'45	
direct	-4565 Nov 03 j 13:14	18°♍26'32	
morning max el	-4565 Nov 14 j 14:25	25°♍01'54	24°13'45
	-4565 Nov 19 j 02:25	0°♎	
desc. node	-4565 Dec 01 j 16:13	16°♎46'40	
	-4565 Dec 10 j 09:59	0°♏	
morning set	-4565 Dec 20 j 07:09	16°♏18'32	
max. Earth dist.	-4565 Dec 24 j 04:41	23°♏10'28	1.38186 AU
	-4565 Dec 27 j 22:20	0°♐	
superior conj	-4565 Dec 31 j 05:37	6°♐13'57	-1°-50'-2
minimum elong	-4565 Dec 31 j 07:25	6°♐22'36	1°50'10
evening rise	-4564 Jan 09 j 00:13	23°♐24'42	
	-4564 Jan 12 j 09:28	0°♑	
asc. node	-4564 Jan 15 j 17:31	6°♑10'47	
evening max el	-4564 Jan 25 j 15:06	20°♑11'54	18°59'33
retrograde	-4564 Feb 03 j 02:16	24°♑15'24	
evening set	-4564 Feb 05 j 12:01	23°♑57'07	
inferior conj	-4564 Feb 13 j 11:05	19°♑40'27	3°20'56
minimum elong	-4564 Feb 13 j 15:37	19°♑32'25	3°19'50
min. Earth dist.	-4564 Feb 16 j 14:39	17°♑27'41	0.57333 AU
morning rise	-4564 Feb 21 j 15:32	14°♑37'53	
direct	-4564 Feb 26 j 23:34	13°♑30'26	
desc. node	-4564 Feb 27 j 15:38	13°♑31'31	
morning max el	-4564 Mar 12 j 04:41	20°♑50'30	25°36'25
	-4564 Mar 20 j 02:18	0°♒	
	-4564 Apr 06 j 16:01	0°♓	
morning set	-4564 Apr 08 j 13:20	3°♓54'38	
asc. node	-4564 Apr 12 j 17:06	12°♓48'35	
superior conj	-4564 Apr 15 j 14:19	19°♓05'42	0°29'34
minimum elong	-4564 Apr 15 j 13:03	18°♓58'47	0°29'15
max. Earth dist.	-4564 Apr 16 j 10:15	20°♓54'14	1.32856 AU
	-4564 Apr 20 j 15:50	0°♈	
evening rise	-4564 Apr 22 j 18:46	4°♈25'32	
	-4564 May 06 j 15:33	0°♉	
evening max el	-4564 May 24 j 02:38	22°♉52'22	27°08'38
desc. node	-4564 May 25 j 14:10	24°♉14'08	
	-4564 Jun 04 j 16:13	0°♊	
retrograde	-4564 Jun 07 j 01:15	0°♊14'57	
	-4564 Jun 09 j 09:10	30°℞♉	
evening set	-4564 Jun 13 j 23:56	28°♉01'30	
min. Earth dist.	-4564 Jun 17 j 16:01	25°♉14'35	0.61498 AU
inferior conj	-4564 Jun 20 j 20:22	22°♉23'30	-4°-12'-5
minimum elong	-4564 Jun 20 j 21:56	22°♉19'57	4°11'50
morning rise	-4564 Jun 27 j 22:45	17°♉27'59	
direct	-4564 Jun 30 j 11:16	17°♉01'10	
morning max el	-4564 Jul 07 j 08:52	20°♉27'08	18°00'51
asc. node	-4564 Jul 09 j 16:49	23°♉01'46	
	-4564 Jul 14 j 12:37	0°♊	
morning set	-4564 Jul 23 j 10:24	15°♊43'06	
	-4564 Jul 31 j 07:38	0°♋	
superior conj	-4564 Aug 02 j 23:45	4°♋42'12	1°38'54
minimum elong	-4564 Aug 03 j 03:33	4°♋58'47	1°38'53
max. Earth dist.	-4564 Aug 10 j 09:50	17°♋18'49	1.42180 AU
evening rise	-4564 Aug 17 j 00:34	28°♋01'39	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4564 Aug 18 j 06:31	0°♌	
desc. node	-4564 Aug 21 j 13:09	5°♌06'30	
	-4564 Sep 07 j 12:31	0°♍	
greatest brilliancy	-4564 Sep 13 j 10:26	7°♍44'02	-0.4m
evening max el	-4564 Sep 18 j 05:20	13°♍09'55	22°01'06
retrograde	-4564 Sep 27 j 11:01	18°♍39'10	
evening set	-4564 Oct 01 j 19:39	16°♍55'58	
asc. node	-4564 Oct 05 j 15:48	12°♍43'03	
inferior conj	-4564 Oct 07 j 04:20	10°♍38'37	0°31'07
minimum elong	-4564 Oct 07 j 03:37	10°♍41'06	0°30'53
min. Earth dist.	-4564 Oct 07 j 07:06	10°♍29'04	0.67332 AU
morning rise	-4564 Oct 12 j 11:24	4°♍21'32	
direct	-4564 Oct 17 j 04:19	2°♍25'42	
morning max el	-4564 Oct 27 j 01:05	8°♍18'51	22°47'26
greatest brilliancy	-4564 Oct 31 j 19:44	13°♍41'19	-0.3m
	-4564 Nov 12 j 21:25	0°♎	
desc. node	-4564 Nov 17 j 13:08	6°♎51'58	
morning set	-4564 Nov 30 j 00:26	26°♎26'12	
	-4564 Dec 02 j 04:07	0°♏	
max. Earth dist.	-4564 Dec 05 j 01:34	4°♏53'10	1.40247 AU
superior conj	-4564 Dec 12 j 19:14	18°♏31'23	-1°-53'-26
minimum elong	-4564 Dec 12 j 18:36	18°♏28'32	1°53'36
	-4564 Dec 18 j 23:36	0°♐	
evening rise	-4564 Dec 22 j 14:15	6°♐50'47	
asc. node	-4563 Jan 01 j 14:36	24°♐48'27	
	-4563 Jan 05 j 06:08	0°♑	
evening max el	-4563 Jan 07 j 19:19	2°♑50'55	18°24'09
retrograde	-4563 Jan 15 j 05:01	6°♑30'10	
evening set	-4563 Jan 17 j 17:06	6°♑06'17	
inferior conj	-4563 Jan 25 j 00:44	1°♑28'53	3°57'48
minimum elong	-4563 Jan 25 j 02:37	1°♑25'00	3°57'25
	-4563 Jan 26 j 19:38	30°℞♐	
min. Earth dist.	-4563 Jan 28 j 09:32	28°♐43'36	0.59211 AU
morning rise	-4563 Feb 01 j 08:51	26°♐02'17	
direct	-4563 Feb 07 j 17:47	24°♐15'55	
desc. node	-4563 Feb 13 j 12:44	25°♐38'53	
	-4563 Feb 19 j 23:38	0°♑	
morning max el	-4563 Feb 21 j 23:31	1°♑50'06	26°50'39
	-4563 Mar 14 j 05:21	0°♒	
morning set	-4563 Mar 23 j 23:51	18°♒52'19	
	-4563 Mar 29 j 04:41	0°♓	
asc. node	-4563 Mar 30 j 14:05	3°♓02'28	
superior conj	-4563 Mar 31 j 02:05	4°♓08'05	0°05'13
minimum elong	-4563 Mar 31 j 01:51	4°♓06'50	0°05'03
behind sun begin	-4563 Mar 30 j 21:05	3°♓40'47	
behind sun end	-4563 Mar 31 j 06:36	4°♓32'53	
max. Earth dist.	-4563 Mar 30 j 23:40	3°♓54'51	1.32600 AU
evening rise	-4563 Apr 07 j 03:00	19°♓18'20	
	-4563 Apr 12 j 10:46	0°♈	
	-4563 May 01 j 17:44	0°♉	
evening max el	-4563 May 06 j 03:17	4°♉40'52	26°19'36
desc. node	-4563 May 12 j 11:20	9°♉37'27	
retrograde	-4563 May 20 j 05:23	11°♉59'49	
evening set	-4563 May 26 j 11:33	10°♉21'32	
min. Earth dist.	-4563 May 30 j 16:12	7°♉39'49	0.59459 AU
inferior conj	-4563 Jun 03 j 01:25	5°♉01'33	-4°-12'-11
minimum elong	-4563 Jun 03 j 00:02	5°♉04'16	4°12'01
morning rise	-4563 Jun 10 j 16:14	0°♉28'12	
direct	-4563 Jun 13 j 03:34	0°♉06'30	
morning max el	-4563 Jun 20 j 18:49	3°♉45'54	18°23'14
asc. node	-4563 Jun 26 j 13:51	11°♉01'06	
morning set	-4563 Jul 06 j 20:14	29°♉14'37	
	-4563 Jul 07 j 05:45	0°♊	
superior conj	-4563 Jul 16 j 04:27	16°♊52'17	1°48'39
minimum elong	-4563 Jul 16 j 05:27	16°♊56'52	1°48'51
max. Earth dist.	-4563 Jul 23 j 14:17	0°♋04'04	1.40343 AU
	-4563 Jul 23 j 13:20	0°♋	
evening rise	-4563 Jul 28 j 06:14	7°♋56'58	
desc. node	-4563 Aug 08 j 10:11	25°♋37'00	
	-4563 Aug 11 j 08:32	0°♌	
evening max el	-4563 Aug 31 j 19:20	26°♌35'11	23°21'10
	-4563 Sep 04 j 15:37	0°♍	
retrograde	-4563 Sep 11 j 04:05	2°♍43'25	
evening set	-4563 Sep 16 j 02:47	0°♍40'27	
	-4563 Sep 16 j 20:39	30°℞♌	
inferior conj	-4563 Sep 21 j 10:55	24°♌20'06	0°-22'-10
minimum elong	-4563 Sep 21 j 11:26	24°♌18'20	0°21'49
min. Earth dist.	-4563 Sep 21 j 03:31	24°♌45'32	0.67387 AU
asc. node	-4563 Sep 22 j 12:57	22°♌51'27	
morning rise	-4563 Sep 26 j 20:09	18°♌06'20	
direct	-4563 Sep 30 j 23:09	16°♌31'32	
morning max el	-4563 Oct 09 j 16:40	21°♌41'32	21°24'56
greatest brilliancy	-4563 Oct 14 j 23:01	27°♌47'16	-0.4m
	-4563 Oct 16 j 16:05	0°♍	
desc. node	-4563 Nov 04 j 10:03	27°♍13'28	
	-4563 Nov 06 j 05:12	0°♎	
morning set	-4563 Nov 09 j 14:03	5°♎15'51	
max. Earth dist.	-4563 Nov 17 j 03:36	17°♎25'47	1.42171 AU
superior conj	-4563 Nov 24 j 10:54	29°♎42'45	-1°-44'-24
minimum elong	-4563 Nov 24 j 06:46	29°♎24'56	1°44'16
	-4563 Nov 24 j 14:54	0°♏	
evening rise	-4563 Dec 05 j 15:39	19°♏37'03	
	-4563 Dec 11 j 10:07	0°♐	
asc. node	-4563 Dec 19 j 11:42	12°♐43'32	
evening max el	-4563 Dec 22 j 05:05	15°♐51'34	18°08'46
retrograde	-4563 Dec 28 j 23:55	19°♐20'31	
evening set	-4563 Dec 31 j 14:31	18°♐49'56	
inferior conj	-4562 Jan 07 j 09:12	13°♐50'43	4°03'59
minimum elong	-4562 Jan 07 j 08:23	13°♐52'40	4°03'44
min. Earth dist.	-4562 Jan 10 j 11:09	10°♐56'28	0.61204 AU
morning rise	-4562 Jan 13 j 23:44	8°♐07'12	
direct	-4562 Jan 20 j 22:41	5°♐45'41	
desc. node	-4562 Jan 31 j 09:48	10°♐14'59	
morning max el	-4562 Feb 04 j 00:24	13°♐26'57	27°33'30
	-4562 Feb 17 j 07:24	0°♑	
	-4562 Mar 06 j 12:02	0°♒	
morning set	-4562 Mar 08 j 06:45	3°♒36'53	
max. Earth dist.	-4562 Mar 14 j 12:04	16°♒49'04	1.32686 AU
superior conj	-4562 Mar 15 j 13:19	19°♒06'26	0°-19'-42
minimum elong	-4562 Mar 15 j 14:12	19°♒11'15	0°19'42
asc. node	-4562 Mar 17 j 11:03	23°♒15'50	
	-4562 Mar 20 j 13:38	0°♓	
evening rise	-4562 Mar 22 j 13:49	4°♓16'14	
	-4562 Apr 05 j 10:59	0°♈	
evening max el	-4562 Apr 17 j 22:03	15°♈50'06	25°03'39
desc. node	-4562 Apr 29 j 08:31	22°♈42'35	
retrograde	-4562 May 01 j 23:14	22°♈58'34	
evening set	-4562 May 07 j 01:42	21°♈58'27	
min. Earth dist.	-4562 May 12 j 10:28	19°♈05'25	0.57516 AU
inferior conj	-4562 May 15 j 11:23	17°♈02'10	-3°-41'-41
minimum elong	-4562 May 15 j 06:44	17°♈10'06	3°40'51
morning rise	-4562 May 23 j 15:58	12°♈49'00	
direct	-4562 May 26 j 02:39	12°♈31'19	
morning max el	-4562 Jun 03 j 21:56	16°♈38'18	19°05'44
asc. node	-4562 Jun 13 j 10:50	29°♈42'29	
	-4562 Jun 13 j 14:51	0°♉	
morning set	-4562 Jun 20 j 16:26	13°♉18'59	
superior conj	-4562 Jun 29 j 03:50	29°♉59'33	1°47'38

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4562 Jun	29 j 02:41	29°♉53'59	1°47'46
	-4562 Jun	29 j 03:56	0°♊	
max. Earth dist.	-4562 Jul	05 j 15:36	12°♊08'42	1.38402 AU
evening rise	-4562 Jul	09 j 14:20	19°♊09'39	
	-4562 Jul	16 j 00:43	0°♋	
desc. node	-4562 Jul	26 j 07:14	15°♋54'01	
	-4562 Aug	05 j 12:45	0°♌	
evening max el	-4562 Aug	14 j 06:30	10°♌03'35	24°41'04
retrograde	-4562 Aug	25 j 17:22	16°♌45'24	
evening set	-4562 Aug	31 j 07:07	14°♌23'23	
min. Earth dist.	-4562 Sep	04 j 22:27	9°♌03'34	0.67136 AU
inferior conj	-4562 Sep	05 j 16:24	8°♌03'36	-1°-15'-2
minimum elong	-4562 Sep	05 j 18:07	7°♌57'50	1°14'10
asc. node	-4562 Sep	09 j 10:03	3°♌30'03	
morning rise	-4562 Sep	11 j 05:26	1°♌56'32	
direct	-4562 Sep	14 j 20:31	0°♌40'34	
morning max el	-4562 Sep	22 j 15:08	5°♌12'21	20°12'27
greatest brilliancy	-4562 Sep	29 j 15:12	13°♌47'16	-0.6m
	-4562 Oct	10 j 17:39	0°♍	
morning set	-4562 Oct	19 j 12:48	13°♍29'05	
desc. node	-4562 Oct	22 j 06:59	17°♍46'22	
	-4562 Oct	30 j 00:54	0°♎	
max. Earth dist.	-4562 Oct	30 j 13:10	0°♎49'03	1.43689 AU
superior conj	-4562 Nov	04 j 23:49	9°♎38'02	-1°-19'-39
minimum elong	-4562 Nov	04 j 17:06	9°♎10'31	1°19'01
	-4562 Nov	17 j 02:04	0°♏	
evening rise	-4562 Nov	18 j 00:09	1°♏35'18	
evening max el	-4562 Dec	05 j 17:35	29°♏06'45	18°12'40
asc. node	-4562 Dec	06 j 08:47	29°♏43'44	
	-4562 Dec	06 j 15:55	0°♐	
retrograde	-4562 Dec	12 j 06:52	2°♐37'23	
evening set	-4562 Dec	15 j 00:46	1°♐58'49	
	-4562 Dec	17 j 23:31	30°℞♏	
inferior conj	-4562 Dec	21 j 08:57	26°♏38'45	3°48'28
minimum elong	-4562 Dec	21 j 06:24	26°♏45'32	3°47'56
min. Earth dist.	-4562 Dec	23 j 21:46	23°♏56'48	0.63053 AU
morning rise	-4562 Dec	27 j 10:18	20°♏42'59	
direct	-4561 Jan	03 j 11:51	17°♏59'35	
morning max el	-4561 Jan	17 j 06:34	25°♏42'40	27°40'19
desc. node	-4561 Jan	18 j 06:49	26°♏43'44	
	-4561 Jan	21 j 06:44	0°♐	
	-4561 Feb	10 j 17:58	0°♑	
morning set	-4561 Feb	20 j 07:48	18°♑00'24	
max. Earth dist.	-4561 Feb	25 j 19:46	29°♑23'53	1.33143 AU
	-4561 Feb	26 j 02:33	0°♒	
superior conj	-4561 Feb	27 j 22:23	3°♒54'42	0°-44'-17
minimum elong	-4561 Feb	28 j 00:19	4°♒05'05	0°44'08
asc. node	-4561 Mar	04 j 08:02	13°♒24'38	
evening rise	-4561 Mar	07 j 01:26	19°♒12'43	
	-4561 Mar	12 j 09:36	0°♓	
evening max el	-4561 Mar	30 j 14:14	26°♓36'34	23°32'04
	-4561 Apr	03 j 16:48	0°♈	
retrograde	-4561 Apr	13 j 04:13	3°♈20'30	
desc. node	-4561 Apr	16 j 05:38	2°♈59'50	
evening set	-4561 Apr	16 j 23:12	2°♈48'59	
	-4561 Apr	23 j 06:50	30°℞♓	
min. Earth dist.	-4561 Apr	24 j 01:35	29°♓32'42	0.56010 AU
inferior conj	-4561 Apr	26 j 01:27	28°♓21'06	-2°-32'-21
minimum elong	-4561 Apr	25 j 19:51	28°♓29'32	2°30'49
morning rise	-4561 May	04 j 19:52	24°♓21'26	
direct	-4561 May	07 j 07:15	24°♓06'05	
morning max el	-4561 May	17 j 15:35	28°♓54'59	20°08'32
	-4561 May	18 j 18:09	0°♈	
asc. node	-4561 May	31 j 07:48	18°♈55'59	
morning set	-4561 Jun	04 j 19:55	27°♈48'17	
	-4561 Jun	05 j 21:51	0°♉	
superior conj	-4561 Jun	12 j 16:47	13°♉49'37	1°38'36
minimum elong	-4561 Jun	12 j 14:25	13°♉37'48	1°38'33
max. Earth dist.	-4561 Jun	17 j 20:09	23°♉55'33	1.36598 AU
	-4561 Jun	21 j 01:38	0°♊	
evening rise	-4561 Jun	21 j 21:47	1°♊32'35	
	-4561 Jul	09 j 03:02	0°♋	
desc. node	-4561 Jul	13 j 04:18	5°♋51'03	
evening max el	-4561 Jul	27 j 17:15	23°♋34'33	25°52'54
	-4561 Aug	05 j 16:17	0°♌	
retrograde	-4561 Aug	09 j 02:02	0°♌40'14	
	-4561 Aug	12 j 06:20	30°℞♋	
evening set	-4561 Aug	15 j 06:42	28°♋02'28	
min. Earth dist.	-4561 Aug	19 j 13:23	23°♋20'36	0.66558 AU
inferior conj	-4561 Aug	20 j 18:57	21°♋46'37	-2°-5'-49
minimum elong	-4561 Aug	20 j 21:44	21°♋37'44	2°04'36
morning rise	-4561 Aug	26 j 13:25	15°♋49'40	
asc. node	-4561 Aug	27 j 07:09	15°♋25'16	
direct	-4561 Aug	29 j 18:47	14°♋49'36	
morning max el	-4561 Sep	05 j 20:36	18°♋51'10	19°13'40
	-4561 Sep	14 j 10:46	0°♌	
morning set	-4561 Sep	28 j 19:47	22°♌12'12	
	-4561 Oct	03 j 19:02	0°♍	
desc. node	-4561 Oct	09 j 03:54	8°♍26'12	
max. Earth dist.	-4561 Oct	13 j 04:51	14°♍48'19	1.44600 AU
superior conj	-4561 Oct	15 j 10:52	18°♍22'09	0°-39'-2
minimum elong	-4561 Oct	15 j 06:04	18°♍03'06	0°38'23
	-4561 Oct	22 j 17:28	0°♎	
evening rise	-4561 Oct	30 j 11:00	12°♎35'34	
	-4561 Nov	10 j 03:03	0°♏	
evening max el	-4561 Nov	19 j 05:59	12°♏29'27	18°34'54
asc. node	-4561 Nov	23 j 05:54	15°♏33'34	
retrograde	-4561 Nov	25 j 21:46	16°♏12'00	
evening set	-4561 Nov	28 j 20:23	15°♏23'44	
inferior conj	-4561 Dec	04 j 20:13	9°♏45'11	3°18'19
minimum elong	-4561 Dec	04 j 17:01	9°♏54'36	3°17'26
min. Earth dist.	-4561 Dec	06 j 18:17	7°♏29'41	0.64604 AU
morning rise	-4561 Dec	10 j 12:28	3°♏39'54	
direct	-4561 Dec	17 j 07:46	0°♏50'01	
morning max el	-4561 Dec	30 j 15:44	8°♏28'40	27°12'47
desc. node	-4560 Jan	05 j 03:49	14°♏32'27	
	-4560 Jan	16 j 12:16	0°♐	
	-4560 Feb	03 j 00:49	0°♑	
morning set	-4560 Feb	04 j 00:00	1°♑52'09	
max. Earth dist.	-4560 Feb	08 j 18:56	11°♑27'05	1.34010 AU
superior conj	-4560 Feb	12 j 03:19	18°♑25'24	-1°-7'-31
minimum elong	-4560 Feb	12 j 06:03	18°♑39'47	1°07'18
	-4560 Feb	17 j 14:18	0°♒	
asc. node	-4560 Feb	19 j 05:01	3°♒23'41	
evening rise	-4560 Feb	19 j 12:04	4°♒00'27	
	-4560 Mar	05 j 01:22	0°♓	
evening max el	-4560 Mar	11 j 09:25	7°♓24'41	21°58'48
retrograde	-4560 Mar	23 j 21:32	13°♓27'34	
evening set	-4560 Mar	26 j 16:45	13°♓10'08	
desc. node	-4560 Apr	02 j 02:45	10°♓41'01	
min. Earth dist.	-4560 Apr	04 j 15:32	9°♓17'32	0.55241 AU
inferior conj	-4560 Apr	05 j 00:24	9°♓05'03	0°-47'-50
minimum elong	-4560 Apr	04 j 22:12	9°♓08'09	0°47'11
morning rise	-4560 Apr	14 j 04:45	5°♓05'42	
direct	-4560 Apr	16 j 22:01	4°♓49'08	
morning max el	-4560 Apr	28 j 22:20	10°♓29'56	21°30'13
	-4560 May	12 j 18:27	0°♈	
asc. node	-4560 May	17 j 04:47	8°♈33'13	
morning set	-4560 May	19 j 04:18	12°♈35'30	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4560 May 26 j 15:16	28°♈10'48	1°23'47
minimum elong	-4560 May 26 j 12:33	27°♈56'40	1°23'32
	-4560 May 27 j 12:21	0°♉	
max. Earth dist.	-4560 May 30 j 09:01	5°♉50'17	1.35082 AU
evening rise	-4560 Jun 03 j 23:13	14°♉51'04	
	-4560 Jun 12 j 08:09	0°♊	
desc. node	-4560 Jun 29 j 01:21	25°♊19'32	
	-4560 Jul 02 j 18:17	0°♋	
evening max el	-4560 Jul 09 j 04:27	7°♋02'32	26°48'28
retrograde	-4560 Jul 22 j 05:43	14°♋22'00	
evening set	-4560 Jul 28 j 23:14	11°♋35'20	
min. Earth dist.	-4560 Aug 01 j 22:00	7°♋32'33	0.65616 AU
inferior conj	-4560 Aug 03 j 16:35	5°♋26'23	-2°-52'-30
minimum elong	-4560 Aug 03 j 20:06	5°♋15'58	2°51'14
	-4560 Aug 09 j 06:14	30°℞♊	
morning rise	-4560 Aug 09 j 18:03	29°♊42'53	
direct	-4560 Aug 12 j 15:58	28°♊55'34	
asc. node	-4560 Aug 13 j 04:16	28°♊57'02	
	-4560 Aug 16 j 03:27	0°♋	
morning max el	-4560 Aug 19 j 07:36	2°♋35'48	18°30'41
	-4560 Sep 06 j 19:41	0°♌	
morning set	-4560 Sep 08 j 03:07	2°♌07'46	
superior conj	-4560 Sep 23 j 10:14	26°♌37'34	0°10'10
minimum elong	-4560 Sep 23 j 11:34	26°♌42'50	0°10'06
behind sun begin	-4560 Sep 23 j 02:35	26°♌07'21	
behind sun end	-4560 Sep 23 j 20:33	27°♌18'18	
max. Earth dist.	-4560 Sep 24 j 23:06	29°♌03'00	1.44793 AU
desc. node	-4560 Sep 25 j 00:50	29°♌09'52	
	-4560 Sep 25 j 13:33	0°♍	
evening rise	-4560 Oct 09 j 20:56	22°♍31'43	
	-4560 Oct 14 j 14:34	0°♎	
greatest brilliancy	-4560 Oct 21 j 10:07	10°♎38'30	-0.7m
evening max el	-4560 Nov 01 j 15:46	25°♎55'38	19°14'22
retrograde	-4560 Nov 08 j 17:14	29°♎59'09	
asc. node	-4560 Nov 09 j 03:02	29°♎58'12	
evening set	-4560 Nov 11 j 22:27	28°♎58'58	
inferior conj	-4560 Nov 17 j 15:54	23°♎05'06	2°38'24
minimum elong	-4560 Nov 17 j 12:50	23°♎14'48	2°37'21
min. Earth dist.	-4560 Nov 19 j 00:05	21°♎22'59	0.65800 AU
morning rise	-4560 Nov 23 j 02:22	16°♎52'47	
direct	-4560 Nov 29 j 09:50	14°♎09'10	
morning max el	-4560 Dec 12 j 01:30	21°♎33'42	26°17'02
	-4560 Dec 19 j 11:27	0°♏	
desc. node	-4560 Dec 22 j 00:49	3°♏17'59	
	-4559 Jan 08 j 16:49	0°♐	
morning set	-4559 Jan 17 j 03:29	15°♐00'52	
max. Earth dist.	-4559 Jan 21 j 06:51	22°♐56'09	1.35319 AU
	-4559 Jan 24 j 19:59	0°♑	
superior conj	-4559 Jan 26 j 01:50	2°♑31'46	-1°-27'-59
minimum elong	-4559 Jan 26 j 04:53	2°♑47'24	1°27'51
evening rise	-4559 Feb 02 j 19:56	18°♑33'51	
asc. node	-4559 Feb 05 j 02:02	23°♑08'24	
	-4559 Feb 08 j 14:58	0°♒	
evening max el	-4559 Feb 21 j 13:01	18°♒38'18	20°35'32
retrograde	-4559 Mar 04 j 11:35	23°♒50'14	
evening set	-4559 Mar 06 j 20:28	23°♒36'35	
inferior conj	-4559 Mar 15 j 20:22	19°♒38'34	1°07'47
minimum elong	-4559 Mar 15 j 23:19	19°♒34'16	1°06'39
min. Earth dist.	-4559 Mar 17 j 05:37	18°♒50'11	0.55389 AU
desc. node	-4559 Mar 19 j 23:54	17°♒18'55	
morning rise	-4559 Mar 25 j 00:21	15°♒21'13	
direct	-4559 Mar 28 j 10:42	14°♒55'35	
morning max el	-4559 Apr 10 j 19:20	21°♒27'08	23°05'29
	-4559 Apr 18 j 02:59	0°♓	
morning set	-4559 May 03 j 15:31	27°♓33'39	
asc. node	-4559 May 04 j 01:45	28°♓27'16	
	-4559 May 04 j 19:23	0°♈	
superior conj	-4559 May 10 j 20:15	12°♈53'06	1°04'51
minimum elong	-4559 May 10 j 17:46	12°♈39'57	1°04'29
max. Earth dist.	-4559 May 13 j 07:41	18°♈07'19	1.33926 AU
evening rise	-4559 May 18 j 13:41	28°♈50'19	
	-4559 May 19 j 03:49	0°♉	
	-4559 Jun 05 j 11:36	0°♊	
desc. node	-4559 Jun 15 j 22:27	14°♊06'59	
evening max el	-4559 Jun 21 j 15:24	20°♊17'05	27°20'17
retrograde	-4559 Jul 05 j 04:05	27°♊42'07	
evening set	-4559 Jul 12 j 05:50	24°♊57'24	
min. Earth dist.	-4559 Jul 15 j 22:16	21°♊31'11	0.64288 AU
inferior conj	-4559 Jul 18 j 06:56	18°♊58'01	-3°-32'-32
minimum elong	-4559 Jul 18 j 10:32	18°♊48'15	3°31'32
morning rise	-4559 Jul 24 j 16:54	13°♊31'03	
direct	-4559 Jul 27 j 09:33	12°♊53'35	
asc. node	-4559 Jul 31 j 01:21	14°♊02'00	
morning max el	-4559 Aug 02 j 21:48	16°♊21'15	18°04'43
	-4559 Aug 12 j 15:41	0°♋	
morning set	-4559 Aug 20 j 13:18	13°♋19'40	
	-4559 Aug 30 j 12:06	0°♌	
superior conj	-4559 Sep 02 j 20:43	5°♌28'50	0°55'13
minimum elong	-4559 Sep 03 j 02:18	5°♌51'26	0°54'44
max. Earth dist.	-4559 Sep 07 j 16:07	13°♌12'01	1.44262 AU
desc. node	-4559 Sep 11 j 21:46	19°♌53'53	
	-4559 Sep 18 j 09:12	0°♍	
evening rise	-4559 Sep 19 j 08:35	1°♍30'30	
	-4559 Oct 08 j 08:25	0°♎	
greatest brilliancy	-4559 Oct 08 j 21:51	0°♎46'31	-0.6m
evening max el	-4559 Oct 15 j 20:48	9°♎21'59	20°09'28
retrograde	-4559 Oct 23 j 14:26	13°♎54'13	
evening set	-4559 Oct 27 j 04:28	12°♎39'30	
asc. node	-4559 Oct 27 j 00:12	12°♎46'46	
inferior conj	-4559 Nov 01 j 17:16	6°♎33'52	1°51'57
minimum elong	-4559 Nov 01 j 14:52	6°♎41'51	1°51'02
min. Earth dist.	-4559 Nov 02 j 13:07	5°♎27'32	0.66646 AU
morning rise	-4559 Nov 07 j 00:41	0°♎17'16	
	-4559 Nov 07 j 08:44	30°℞♍	
direct	-4559 Nov 12 j 17:35	27°♍48'46	
	-4559 Nov 18 j 19:32	0°♎	
morning max el	-4559 Nov 24 j 10:28	4°♎46'15	25°01'50
desc. node	-4559 Dec 08 j 21:48	22°♎43'15	
	-4559 Dec 13 j 21:56	0°♏	
morning set	-4559 Dec 30 j 13:05	27°♏11'42	
	-4558 Jan 01 j 02:34	0°♐	
max. Earth dist.	-4558 Jan 03 j 07:48	4°♐03'41	1.37044 AU
superior conj	-4558 Jan 09 j 14:56	16°♐05'21	-1°-43'-54
minimum elong	-4558 Jan 09 j 17:32	16°♐18'05	1°43'56
	-4558 Jan 16 j 13:48	0°♑	
evening rise	-4558 Jan 17 j 22:58	2°♑46'43	
asc. node	-4558 Jan 22 j 23:06	12°♑33'15	
	-4558 Feb 03 j 15:39	0°♒	
evening max el	-4558 Feb 04 j 03:19	0°♒28'26	19°29'06
retrograde	-4558 Feb 13 j 10:17	4°♒52'58	
evening set	-4558 Feb 15 j 18:35	4°♒37'22	
inferior conj	-4558 Feb 24 j 03:17	0°♒30'57	2°42'49
minimum elong	-4558 Feb 24 j 08:23	0°♒22'37	2°41'17
	-4558 Feb 24 j 22:13	30°℞♑	
min. Earth dist.	-4558 Feb 26 j 20:27	28°♑45'21	0.56421 AU
morning rise	-4558 Mar 04 j 18:34	25°♑44'32	
desc. node	-4558 Mar 06 j 21:03	25°♑10'40	
direct	-4558 Mar 09 j 09:14	24°♑56'10	
	-4558 Mar 21 j 03:04	0°♒	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4558 Mar 23 j 10:49	2°♒04'19	24°43'56
	-4558 Apr 11 j 20:21	0°♓	
morning set	-4558 Apr 18 j 03:49	12°♓36'51	
asc. node	-4558 Apr 20 j 22:44	18°♓32'55	
superior conj	-4558 Apr 25 j 05:23	27°♓48'54	0°43'03
minimum elong	-4558 Apr 25 j 03:35	27°♓39'12	0°42'41
	-4558 Apr 26 j 05:37	0°♈	
max. Earth dist.	-4558 Apr 26 j 14:40	0°♈48'51	1.33142 AU
evening rise	-4558 May 02 j 13:22	13°♈18'33	
	-4558 May 11 j 07:23	0°♉	
	-4558 May 31 j 23:32	0°♊	
desc. node	-4558 Jun 02 j 19:35	1°♊56'00	
evening max el	-4558 Jun 04 j 00:17	3°♊06'45	27°22'23
retrograde	-4558 Jun 17 j 20:25	10°♊31'28	
evening set	-4558 Jun 24 j 22:54	8°♊02'40	
min. Earth dist.	-4558 Jun 28 j 13:03	5°♊04'55	0.62597 AU
inferior conj	-4558 Jul 01 j 11:06	2°♊15'41	-4°-2'-5
minimum elong	-4558 Jul 01 j 13:47	2°♊09'08	4°01'34
	-4558 Jul 03 j 21:27	30°℞♉	
morning rise	-4558 Jul 08 j 07:02	27°♉07'53	
direct	-4558 Jul 10 j 20:29	26°♉37'48	
	-4558 Jul 17 j 11:45	0°♊	
morning max el	-4558 Jul 17 j 12:30	0°♊01'51	17°56'48
asc. node	-4558 Jul 17 j 22:26	0°♊26'51	
morning set	-4558 Aug 02 j 22:11	25°♊36'36	
	-4558 Aug 05 j 09:21	0°♋	
superior conj	-4558 Aug 14 j 08:52	15°♋36'42	1°27'13
minimum elong	-4558 Aug 14 j 14:06	15°♋58'52	1°26'59
max. Earth dist.	-4558 Aug 21 j 05:10	26°♋58'20	1.43092 AU
	-4558 Aug 23 j 02:05	0°♌	
evening rise	-4558 Aug 29 j 12:18	10°♌10'24	
desc. node	-4558 Aug 29 j 18:43	10°♌35'24	
	-4558 Sep 11 j 14:17	0°♍	
greatest brilliancy	-4558 Sep 23 j 13:35	16°♍41'01	-0.4m
evening max el	-4558 Sep 28 j 19:50	22°♍47'35	21°17'33
retrograde	-4558 Oct 07 j 11:09	27°♍54'44	
evening set	-4558 Oct 11 j 12:21	26°♍22'44	
asc. node	-4558 Oct 13 j 21:23	24°♍04'29	
inferior conj	-4558 Oct 16 j 22:06	20°♍08'50	1°01'22
minimum elong	-4558 Oct 16 j 20:43	20°♍13'35	1°00'50
min. Earth dist.	-4558 Oct 17 j 06:57	19°♍38'28	0.67174 AU
morning rise	-4558 Oct 22 j 04:44	13°♍50'58	
direct	-4558 Oct 27 j 06:21	11°♍42'28	
morning max el	-4558 Nov 06 j 19:31	18°♍00'46	23°36'51
	-4558 Nov 16 j 19:45	0°♎	
desc. node	-4558 Nov 25 j 18:44	12°♎36'25	
	-4558 Dec 07 j 00:43	0°♏	
morning set	-4558 Dec 11 j 22:32	8°♏07'27	
max. Earth dist.	-4558 Dec 16 j 03:27	15°♏21'58	1.39059 AU
superior conj	-4558 Dec 23 j 14:36	28°♏54'33	-1°-52'-46
minimum elong	-4558 Dec 23 j 15:32	28°♏59'00	1°52'57
	-4558 Dec 24 j 04:32	0°♐	
evening rise	-4557 Jan 01 j 18:36	16°♐31'44	
	-4557 Jan 08 j 23:11	0°♑	
asc. node	-4557 Jan 09 j 20:11	1°♑30'35	
evening max el	-4557 Jan 18 j 03:11	12°♑51'49	18°42'06
retrograde	-4557 Jan 26 j 02:00	16°♑42'43	
evening set	-4557 Jan 28 j 12:50	16°♑22'10	
inferior conj	-4557 Feb 05 j 05:07	11°♑57'23	3°40'53
minimum elong	-4557 Feb 05 j 08:39	11°♑50'41	3°40'08
min. Earth dist.	-4557 Feb 08 j 12:59	9°♑27'52	0.58097 AU
morning rise	-4557 Feb 13 j 00:49	6°♑43'50	
direct	-4557 Feb 18 j 20:50	5°♑19'48	
desc. node	-4557 Feb 21 j 18:11	5°♑40'17	
morning max el	-4557 Mar 05 j 02:40	12°♑47'12	26°11'12
	-4557 Mar 18 j 14:41	0°♒	
morning set	-4557 Apr 02 j 15:27	27°♒37'48	
	-4557 Apr 03 j 18:26	0°♓	
asc. node	-4557 Apr 07 j 19:42	8°♓44'38	
superior conj	-4557 Apr 09 j 16:38	12°♓50'11	0°19'22
minimum elong	-4557 Apr 09 j 15:48	12°♓45'34	0°19'07
max. Earth dist.	-4557 Apr 10 j 02:46	13°♓45'35	1.32705 AU
evening rise	-4557 Apr 16 j 19:09	28°♓04'33	
	-4557 Apr 17 j 17:34	0°♈	
	-4557 May 04 j 17:09	0°♉	
evening max el	-4557 May 17 j 04:38	15°♉19'32	26°51'41
desc. node	-4557 May 20 j 16:44	18°♉21'16	
retrograde	-4557 May 31 j 05:16	22°♉40'37	
evening set	-4557 Jun 06 j 22:14	20°♉41'28	
min. Earth dist.	-4557 Jun 10 j 18:11	17°♉58'35	0.60636 AU
inferior conj	-4557 Jun 14 j 01:36	15°♉10'28	-4°-15'-17
minimum elong	-4557 Jun 14 j 02:03	15°♉09'30	4°15'08
morning rise	-4557 Jun 21 j 09:02	10°♉24'01	
direct	-4557 Jun 23 j 20:57	9°♉59'29	
morning max el	-4557 Jul 01 j 00:54	13°♉29'56	18°07'54
asc. node	-4557 Jul 04 j 19:27	17°♉55'16	
	-4557 Jul 12 j 06:19	0°♊	
morning set	-4557 Jul 17 j 00:15	8°♊44'09	
superior conj	-4557 Jul 27 j 00:02	27°♊05'02	1°44'33
minimum elong	-4557 Jul 27 j 02:37	27°♊16'36	1°44'39
	-4557 Jul 28 j 15:30	0°♋	
max. Earth dist.	-4557 Aug 03 j 13:02	10°♋09'16	1.41432 AU
evening rise	-4557 Aug 09 j 04:24	19°♋26'35	
	-4557 Aug 15 j 21:13	0°♌	
desc. node	-4557 Aug 16 j 15:42	1°♌11'02	
	-4557 Sep 06 j 01:22	0°♍	
greatest brilliancy	-4557 Sep 06 j 18:27	0°♍52'20	-0.3m
evening max el	-4557 Sep 11 j 12:52	6°♍13'10	22°34'46
retrograde	-4557 Sep 21 j 05:49	11°♍58'37	
evening set	-4557 Sep 25 j 20:15	10°♍07'13	
asc. node	-4557 Sep 30 j 18:31	4°♍23'02	
inferior conj	-4557 Oct 01 j 04:33	3°♍48'26	0°08'34
minimum elong	-4557 Oct 01 j 04:21	3°♍49'08	0°08'36
transit middle	-4557 Oct 01 j 04:21	3°♍49'08	0°08'36
transit begin	-4557 Oct 01 j 02:03	3°♍57'04	
transit end	-4557 Oct 01 j 06:39	3°♍41'13	
min. Earth dist.	-4557 Oct 01 j 03:03	3°♍53'38	0.67397 AU
	-4557 Oct 04 j 01:59	30°℞♌	
morning rise	-4557 Oct 06 j 12:20	27°♌32'26	
direct	-4557 Oct 10 j 23:15	25°♌45'30	
	-4557 Oct 18 j 23:10	0°♍	
morning max el	-4557 Oct 20 j 07:48	1°♍19'28	22°11'25
greatest brilliancy	-4557 Oct 25 j 02:11	6°♍43'45	-0.4m
	-4557 Nov 10 j 18:41	0°♎	
desc. node	-4557 Nov 12 j 15:40	2°♎49'39	
morning set	-4557 Nov 22 j 03:32	17°♎39'48	
max. Earth dist.	-4557 Nov 28 j 02:17	27°♎26'09	1.41106 AU
	-4557 Nov 29 j 14:45	0°♏	
superior conj	-4557 Dec 05 j 19:41	10°♏46'25	-1°-51'-21
minimum elong	-4557 Dec 05 j 17:38	10°♏37'19	1°51'26
evening rise	-4557 Dec 16 j 03:46	29°♏42'09	
	-4557 Dec 16 j 07:35	0°♐	
asc. node	-4557 Dec 27 j 17:17	19°♐51'36	
evening max el	-4556 Jan 01 j 10:10	25°♐41'19	18°15'08
retrograde	-4556 Jan 08 j 12:04	29°♐14'18	
evening set	-4556 Jan 11 j 01:20	28°♐47'32	
inferior conj	-4556 Jan 18 j 03:07	24°♐00'37	4°03'34
minimum elong	-4556 Jan 18 j 03:46	23°♐59'12	4°03'20

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4556 Jan 21 j 10:04	21°♐08'54	0.60071 AU
morning rise	-4556 Jan 25 j 03:19	18°♐26'25	
direct	-4556 Jan 31 j 19:48	16°♐24'06	
desc. node	-4556 Feb 08 j 15:16	18°♐55'05	
morning max el	-4556 Feb 14 j 23:50	24°♐00'53	27°13'07
	-4556 Feb 20 j 10:40	0°♑	
	-4556 Mar 10 j 17:07	0°♒	
morning set	-4556 Mar 17 j 00:39	12°♒30'12	
max. Earth dist.	-4556 Mar 23 j 16:21	26°♒45'21	1.32602 AU
superior conj	-4556 Mar 24 j 04:20	27°♒50'55	0°-5'-21
minimum elong	-4556 Mar 24 j 04:35	27°♒52'15	0°05'27
behind sun begin	-4556 Mar 23 j 23:51	27°♒26'22	
behind sun end	-4556 Mar 24 j 09:19	28°♒18'08	
asc. node	-4556 Mar 24 j 16:40	28°♒58'22	
	-4556 Mar 25 j 03:56	0°♓	
evening rise	-4556 Mar 31 j 04:43	13°♓00'03	
	-4556 Apr 08 j 21:21	0°♈	
evening max el	-4556 Apr 28 j 02:43	26°♈49'56	25°49'59
	-4556 May 01 j 19:41	0°♉	
desc. node	-4556 May 06 j 13:54	2°♉49'55	
retrograde	-4556 May 12 j 04:49	4°♉04'40	
evening set	-4556 May 18 j 00:29	2°♉43'04	
min. Earth dist.	-4556 May 22 j 15:13	29°♈58'26	0.58605 AU
	-4556 May 22 j 14:20	30°℞♈	
inferior conj	-4556 May 25 j 22:47	27°♈32'49	-4°-3'-36
minimum elong	-4556 May 25 j 19:55	27°♈38'07	4°03'14
morning rise	-4556 Jun 02 j 19:17	23°♈08'21	
direct	-4556 Jun 05 j 06:31	22°♈48'20	
morning max el	-4556 Jun 13 j 08:09	26°♈37'25	18°38'52
	-4556 Jun 16 j 09:28	0°♉	
asc. node	-4556 Jun 20 j 16:26	6°♉13'06	
morning set	-4556 Jun 29 j 14:52	22°♉30'11	
	-4556 Jul 03 j 11:38	0°♊	
superior conj	-4556 Jul 08 j 13:17	9°♊40'33	1°49'22
minimum elong	-4556 Jul 08 j 13:16	9°♊40'25	1°49'34
max. Earth dist.	-4556 Jul 15 j 16:04	22°♊37'16	1.39513 AU
evening rise	-4556 Jul 19 j 21:11	29°♊53'32	
	-4556 Jul 19 j 22:43	0°♋	
desc. node	-4556 Aug 02 j 12:43	21°♋36'08	
	-4556 Aug 08 j 07:15	0°♌	
evening max el	-4556 Aug 24 j 01:21	19°♌39'20	23°55'39
retrograde	-4556 Sep 03 j 21:14	26°♌02'17	
evening set	-4556 Sep 09 j 02:24	23°♌50'48	
inferior conj	-4556 Sep 14 j 10:50	17°♌30'27	0°-44'-45
minimum elong	-4556 Sep 14 j 11:52	17°♌26'55	0°44'09
min. Earth dist.	-4556 Sep 13 j 22:58	18°♌10'46	0.67320 AU
asc. node	-4556 Sep 16 j 15:38	14°♌36'40	
morning rise	-4556 Sep 19 j 21:30	11°♌19'26	
direct	-4556 Sep 23 j 19:13	9°♌52'59	
morning max el	-4556 Oct 02 j 02:12	14°♌45'25	20°52'44
greatest brilliancy	-4556 Oct 07 j 22:43	21°♌40'42	-0.5m
	-4556 Oct 13 j 23:47	0°♍	
desc. node	-4556 Oct 29 j 12:34	23°♍16'27	
morning set	-4556 Oct 31 j 08:25	26°♍06'44	
	-4556 Nov 02 j 19:59	0°♎	
max. Earth dist.	-4556 Nov 09 j 08:12	10°♎24'05	1.42887 AU
superior conj	-4556 Nov 16 j 00:23	21°♎26'00	-1°-35'-58
minimum elong	-4556 Nov 15 j 18:50	21°♎02'37	1°35'36
	-4556 Nov 21 j 00:44	0°♏	
evening rise	-4556 Nov 27 j 22:33	12°♏09'17	
	-4556 Dec 08 j 06:41	0°♐	
asc. node	-4556 Dec 13 j 14:22	7°♐24'48	
evening max el	-4556 Dec 14 j 21:22	8°♐48'25	18°07'59
retrograde	-4556 Dec 21 j 12:49	12°♐16'58	
evening set	-4556 Dec 24 j 04:40	11°♐43'08	
inferior conj	-4556 Dec 30 j 18:34	6°♐34'27	3°59'33
minimum elong	-4556 Dec 30 j 16:52	6°♐38'41	3°59'13
min. Earth dist.	-4555 Jan 02 j 15:11	3°♐43'27	0.62024 AU
morning rise	-4555 Jan 06 j 02:57	0°♐45'08	
	-4555 Jan 07 j 06:15	30°℞♏	
direct	-4555 Jan 13 j 04:05	28°♏12'49	
	-4555 Jan 19 j 11:50	0°♐	
desc. node	-4555 Jan 25 j 12:19	4°♐23'16	
morning max el	-4555 Jan 27 j 03:24	5°♐55'10	27°40'51
	-4555 Feb 14 j 08:55	0°♑	
morning set	-4555 Mar 01 j 05:23	27°♑06'43	
	-4555 Mar 02 j 15:07	0°♒	
max. Earth dist.	-4555 Mar 07 j 03:24	9°♒33'28	1.32837 AU
superior conj	-4555 Mar 08 j 14:51	12°♒45'17	0°-30'-15
minimum elong	-4555 Mar 08 j 16:11	12°♒52'35	0°30'10
asc. node	-4555 Mar 11 j 13:39	19°♒10'03	
evening rise	-4555 Mar 15 j 16:05	27°♒57'51	
	-4555 Mar 16 j 15:26	0°♓	
	-4555 Apr 03 j 00:33	0°♈	
evening max el	-4555 Apr 09 j 19:35	7°♈45'48	24°25'40
desc. node	-4555 Apr 23 j 11:02	14°♈46'08	
retrograde	-4555 Apr 23 j 17:22	14°♈46'18	
evening set	-4555 Apr 28 j 06:30	13°♈59'45	
min. Earth dist.	-4555 May 04 j 07:32	10°♈58'20	0.56800 AU
inferior conj	-4555 May 07 j 00:06	9°♈15'21	-3°-17'-11
minimum elong	-4555 May 06 j 18:34	9°♈24'15	3°15'58
morning rise	-4555 May 15 j 10:46	5°♈09'34	
direct	-4555 May 17 j 21:31	4°♈53'10	
morning max el	-4555 May 27 j 07:34	9°♈15'48	19°30'08
asc. node	-4555 Jun 07 j 13:25	25°♈09'08	
	-4555 Jun 10 j 03:44	0°♉	
morning set	-4555 Jun 13 j 14:30	6°♉46'06	
superior conj	-4555 Jun 21 j 19:03	23°♉08'00	1°44'38
minimum elong	-4555 Jun 21 j 17:16	22°♉59'16	1°44'43
	-4555 Jun 25 j 08:16	0°♊	
max. Earth dist.	-4555 Jun 27 j 17:57	4°♊30'58	1.37597 AU
evening rise	-4555 Jul 01 j 15:48	11°♊37'24	
	-4555 Jul 12 j 14:53	0°♋	
desc. node	-4555 Jul 20 j 09:46	11°♋45'35	
	-4555 Aug 03 j 12:06	0°♌	
evening max el	-4555 Aug 06 j 11:53	3°♌08'16	25°13'03
retrograde	-4555 Aug 18 j 08:42	10°♌02'05	
evening set	-4555 Aug 24 j 05:00	7°♌32'26	
min. Earth dist.	-4555 Aug 28 j 16:26	2°♌28'41	0.66929 AU
inferior conj	-4555 Aug 29 j 15:16	1°♌13'48	-1°-36'-57
minimum elong	-4555 Aug 29 j 17:29	1°♌06'33	1°35'54
	-4555 Aug 30 j 13:58	30°℞♋	
asc. node	-4555 Sep 03 j 12:43	25°♋43'21	
morning rise	-4555 Sep 04 j 06:27	25°♋10'50	
direct	-4555 Sep 07 j 17:02	24°♋02'13	
morning max el	-4555 Sep 15 j 03:51	28°♋20'12	19°45'41
	-4555 Sep 16 j 16:41	0°♌	
greatest brilliancy	-4555 Sep 23 j 07:23	8°♌38'14	-0.6m
	-4555 Oct 07 j 11:27	0°♍	
morning set	-4555 Oct 10 j 07:50	4°♍24'55	
desc. node	-4555 Oct 16 j 09:28	13°♍52'38	
max. Earth dist.	-4555 Oct 22 j 20:33	24°♍04'12	1.44157 AU
	-4555 Oct 26 j 13:33	0°♎	
superior conj	-4555 Oct 27 j 01:28	0°♎47'59	-1°-4'-8
minimum elong	-4555 Oct 26 j 18:52	0°♎21'21	1°03'22
evening rise	-4555 Nov 09 j 22:26	23°♎44'06	
	-4555 Nov 13 j 15:16	0°♏	
evening max el	-4555 Nov 28 j 10:05	22°♏07'02	18°19'52

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4555 Nov 30 j 11:29	23°♏56'51	
retrograde	-4555 Dec 04 j 23:42	25°♏41'57	
evening set	-4555 Dec 07 j 19:17	24°♏59'38	
inferior conj	-4555 Dec 13 j 23:40	19°♏31'21	3°37'08
minimum elong	-4555 Dec 13 j 20:44	19°♏39'33	3°36'26
min. Earth dist.	-4555 Dec 16 j 06:15	16°♏59'08	0.63754 AU
morning rise	-4555 Dec 19 j 20:40	13°♏30'52	
direct	-4555 Dec 26 j 20:18	10°♏42'50	
morning max el	-4554 Jan 09 j 11:22	18°♏25'50	27°32'27
desc. node	-4554 Jan 12 j 09:21	21°♏29'27	
	-4554 Jan 19 j 07:33	0°♐	
	-4554 Feb 07 j 04:52	0°♑	
morning set	-4554 Feb 13 j 03:06	11°♑18'16	
max. Earth dist.	-4554 Feb 18 j 07:54	21°♑55'51	1.33457 AU
superior conj	-4554 Feb 20 j 22:25	27°♑26'50	0°-54'-24
minimum elong	-4554 Feb 21 j 00:44	27°♑39'10	0°54'12
	-4554 Feb 22 j 03:03	0°♒	
asc. node	-4554 Feb 26 j 10:38	9°♒15'09	
evening rise	-4554 Feb 28 j 03:31	12°♒51'10	
	-4554 Mar 08 j 23:06	0°♓	
evening max el	-4554 Mar 22 j 12:10	18°♓29'15	22°51'46
retrograde	-4554 Apr 04 j 17:28	24°♓58'24	
evening set	-4554 Apr 08 j 00:32	24°♓34'39	
desc. node	-4554 Apr 10 j 08:11	23°♓51'32	
min. Earth dist.	-4554 Apr 15 j 22:12	21°♓04'34	0.55570 AU
inferior conj	-4554 Apr 17 j 06:43	20°♓17'31	-1°-51'-20
minimum elong	-4554 Apr 17 j 02:03	20°♓24'17	1°49'57
morning rise	-4554 Apr 26 j 06:13	16°♓20'05	
direct	-4554 Apr 28 j 18:48	16°♓05'00	
morning max el	-4554 May 09 j 20:48	21°♓15'40	20°41'15
	-4554 May 17 j 01:36	0°♈	
asc. node	-4554 May 25 j 10:24	14°♈33'23	
morning set	-4554 May 28 j 20:20	21°♈23'31	
	-4554 Jun 02 j 00:26	0°♉	
superior conj	-4554 Jun 05 j 12:30	7°♉12'40	1°32'54
minimum elong	-4554 Jun 05 j 09:54	6°♉59'25	1°32'46
max. Earth dist.	-4554 Jun 10 j 01:09	16°♉16'16	1.35904 AU
evening rise	-4554 Jun 14 j 07:35	24°♉25'51	
	-4554 Jun 17 j 08:37	0°♊	
	-4554 Jul 06 j 04:19	0°♋	
desc. node	-4554 Jul 07 j 06:49	1°♋31'31	
evening max el	-4554 Jul 19 j 22:41	16°♋38'13	26°19'02
retrograde	-4554 Aug 01 j 15:31	23°♋51'48	
evening set	-4554 Aug 08 j 01:54	21°♋09'09	
min. Earth dist.	-4554 Aug 12 j 05:03	16°♋43'47	0.66196 AU
inferior conj	-4554 Aug 13 j 16:00	14°♋55'35	-2°-26'-16
minimum elong	-4554 Aug 13 j 19:09	14°♋45'48	2°25'00
morning rise	-4554 Aug 19 j 13:15	9°♋03'51	
asc. node	-4554 Aug 21 j 09:49	8°♋18'12	
direct	-4554 Aug 22 j 15:04	8°♋09'43	
morning max el	-4554 Aug 29 j 11:55	12°♋01'36	18°53'21
	-4554 Sep 11 j 10:11	0°♌	
morning set	-4554 Sep 19 j 23:59	13°♌35'21	
	-4554 Sep 30 j 08:47	0°♍	
desc. node	-4554 Oct 03 j 06:25	4°♍34'23	
max. Earth dist.	-4554 Oct 05 j 13:07	8°♍09'56	1.44765 AU
superior conj	-4554 Oct 06 j 05:03	9°♍12'44	0°-18'-30
minimum elong	-4554 Oct 06 j 02:38	9°♍03'13	0°18'08
	-4554 Oct 19 j 06:58	0°♎	
evening rise	-4554 Oct 21 j 22:51	4°♎17'01	
	-4554 Nov 07 j 09:16	0°♏	
evening max el	-4554 Nov 11 j 21:43	5°♏32'07	18°49'45
asc. node	-4554 Nov 17 j 08:36	9°♏12'29	
retrograde	-4554 Nov 18 j 16:53	9°♏22'34	
evening set	-4554 Nov 21 j 17:59	8°♏29'41	
inferior conj	-4554 Nov 27 j 14:55	2°♏44'31	3°02'23
minimum elong	-4554 Nov 27 j 11:42	2°♏54'20	3°01'23
min. Earth dist.	-4554 Nov 29 j 07:02	0°♏42'21	0.65154 AU
	-4554 Nov 29 j 21:18	30°℞♎	
morning rise	-4554 Dec 03 j 04:20	26°♎35'54	
direct	-4554 Dec 09 j 19:12	23°♎46'56	
	-4554 Dec 21 j 11:06	0°♏	
morning max el	-4554 Dec 22 j 20:59	1°♏21'34	26°52'00
desc. node	-4554 Dec 30 j 06:22	9°♏45'12	
	-4553 Jan 13 j 09:24	0°♐	
morning set	-4553 Jan 27 j 14:31	24°♐54'15	
	-4553 Jan 30 j 05:25	0°♑	
max. Earth dist.	-4553 Feb 01 j 02:18	3°♑43'43	1.34510 AU
superior conj	-4553 Feb 05 j 01:01	11°♑49'05	-1°-16'-38
minimum elong	-4553 Feb 05 j 03:58	12°♑04'25	1°16'25
evening rise	-4553 Feb 12 j 13:16	27°♑34'06	
asc. node	-4553 Feb 13 j 07:41	29°♑09'14	
	-4553 Feb 13 j 17:34	0°♒	
evening max el	-4553 Mar 04 j 10:42	29°♒27'27	21°21'41
	-4553 Mar 05 j 00:44	0°♓	
retrograde	-4553 Mar 16 j 07:54	5°♓08'34	
evening set	-4553 Mar 18 j 20:56	4°♓53'50	
inferior conj	-4553 Mar 28 j 02:46	0°♓54'17	0°01'45
minimum elong	-4553 Mar 28 j 02:51	0°♓54'11	0°01'38
transit middle	-4553 Mar 28 j 02:51	0°♓54'11	0°01'38
transit begin	-4553 Mar 27 j 22:46	0°♓59'57	
transit end	-4553 Mar 28 j 06:56	0°♓48'25	
desc. node	-4553 Mar 28 j 05:19	0°♓50'42	
min. Earth dist.	-4553 Mar 28 j 12:30	0°♓40'33	0.55192 AU
	-4553 Mar 29 j 17:27	30°℞♒	
morning rise	-4553 Apr 06 j 08:27	26°♒48'57	
direct	-4553 Apr 09 j 07:28	26°♒29'42	
	-4553 Apr 18 j 21:22	0°♓	
morning max el	-4553 Apr 21 j 23:06	2°♓33'41	22°09'26
	-4553 May 10 j 04:15	0°♈	
asc. node	-4553 May 12 j 07:24	4°♈18'32	
morning set	-4553 May 13 j 06:10	6°♈16'03	
superior conj	-4553 May 20 j 14:07	21°♈43'47	1°16'10
minimum elong	-4553 May 20 j 11:26	21°♈29'43	1°15'51
max. Earth dist.	-4553 May 23 j 18:12	28°♈19'15	1.34551 AU
	-4553 May 24 j 13:56	0°♉	
evening rise	-4553 May 28 j 15:11	8°♉03'39	
	-4553 Jun 09 j 22:00	0°♊	
desc. node	-4553 Jun 24 j 03:53	20°♊44'00	
	-4553 Jul 02 j 09:13	0°♋	
evening max el	-4553 Jul 02 j 10:08	0°♋02'13	27°05'23
retrograde	-4553 Jul 15 j 16:59	7°♋24'40	
evening set	-4553 Jul 22 j 14:35	4°♋37'40	
min. Earth dist.	-4553 Jul 26 j 10:29	0°♋50'39	0.65095 AU
	-4553 Jul 27 j 04:22	30°℞♊	
inferior conj	-4553 Jul 28 j 10:52	28°♊32'21	-3°-10'-32
minimum elong	-4553 Jul 28 j 14:31	28°♊21'54	3°09'21
morning rise	-4553 Aug 03 j 15:44	22°♊55'11	
direct	-4553 Aug 06 j 11:09	22°♊12'21	
asc. node	-4553 Aug 08 j 06:56	22°♊30'16	
morning max el	-4553 Aug 13 j 00:30	25°♊46'20	18°17'25
	-4553 Aug 16 j 13:59	0°♋	
morning set	-4553 Aug 31 j 19:00	24°♋03'54	
	-4553 Sep 04 j 09:21	0°♌	
superior conj	-4553 Sep 15 j 06:23	17°♌35'10	0°30'29
minimum elong	-4553 Sep 15 j 10:05	17°♌49'53	0°30'10
max. Earth dist.	-4553 Sep 18 j 07:06	22°♌23'38	1.44651 AU
desc. node	-4553 Sep 20 j 03:20	25°♌18'11	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4553 Sep	23	j 03:01	0°♍			-4552 Sep	15	j 01:20	0°♍	
evening rise	-4553 Oct	01	j 22:15	13°♍45'31		greatest brilliancy	-4552 Oct	02	j 05:58	25°♍05'30	-0.5m
	-4553 Oct	12	j 09:42	0°♎			-4552 Oct	06	j 03:45	0°♎	
greatest brilliancy	-4553 Oct	17	j 16:39	7°♎55'57	-0.7m	evening max el	-4552 Oct	08	j 08:24	2°♎25'00	20°37'03
evening max el	-4553 Oct	26	j 05:47	18°♎58'48	19°36'10	retrograde	-4552 Oct	16	j 10:27	7°♎11'07	
retrograde	-4553 Nov	02	j 13:15	23°♎13'14		evening set	-4552 Oct	20	j 05:04	5°♎49'07	
asc. node	-4553 Nov	04	j 05:46	22°♎56'43		asc. node	-4552 Oct	21	j 02:56	5°♎04'46	
evening set	-4553 Nov	05	j 22:01	22°♎07'09			-4552 Oct	25	j 10:18	30°℞♍	
inferior conj	-4553 Nov	11	j 13:17	16°♎08'06	2°19'20	inferior conj	-4552 Oct	25	j 16:22	29°♍39'29	1°30'52
minimum elong	-4553 Nov	11	j 10:27	16°♎17'16	2°18'18	minimum elong	-4552 Oct	25	j 14:22	29°♍46'14	1°30'05
min. Earth dist.	-4553 Nov	12	j 16:04	14°♎41'05	0.66201 AU	min. Earth dist.	-4552 Oct	26	j 07:19	28°♍48'48	0.66908 AU
morning rise	-4553 Nov	16	j 22:10	9°♎53'53		morning rise	-4552 Oct	30	j 23:12	23°♍22'13	
direct	-4553 Nov	22	j 23:48	7°♎15'43		direct	-4552 Nov	05	j 09:35	21°♍02'04	
morning max el	-4553 Dec	05	j 06:12	14°♎29'46	25°46'55	morning max el	-4552 Nov	16	j 14:59	27°♍43'23	24°26'25
desc. node	-4553 Dec	17	j 03:21	28°♎49'08			-4552 Nov	18	j 18:43	0°♎	
	-4553 Dec	18	j 00:00	0°♏		desc. node	-4552 Dec	03	j 00:19	18°♎27'18	
	-4552 Jan	06	j 04:13	0°♐			-4552 Dec	10	j 17:14	0°♏	
morning set	-4552 Jan	10	j 11:05	7°♐40'04		morning set	-4552 Dec	22	j 11:07	19°♏20'18	
max. Earth dist.	-4552 Jan	14	j 09:07	15°♐00'22	1.36009 AU	max. Earth dist.	-4552 Dec	26	j 07:19	26°♏09'36	1.37883 AU
							-4552 Dec	28	j 09:43	0°♐	
superior conj	-4552 Jan	19	j 19:59	25°♐42'55	-1°-35'-25						
minimum elong	-4552 Jan	19	j 22:57	25°♐57'55	1°35'21	superior conj	-4551 Jan	02	j 03:53	8°♐58'46	-1°-48'-41
	-4552 Jan	21	j 22:45	0°♑		minimum elong	-4551 Jan	02	j 05:56	9°♐08'42	1°48'49
evening rise	-4552 Jan	27	j 19:21	11°♑59'37		evening rise	-4551 Jan	10	j 19:33	26°♐01'25	
asc. node	-4552 Jan	31	j 04:44	18°♑46'21			-4551 Jan	12	j 20:04	0°♑	
	-4552 Feb	06	j 09:40	0°♒		asc. node	-4551 Jan	17	j 01:47	8°♑00'21	
evening max el	-4552 Feb	14	j 18:53	10°♒56'24	20°04'57	evening max el	-4551 Jan	27	j 13:21	23°♑00'36	19°06'33
retrograde	-4552 Feb	24	j 23:45	15°♒46'26		retrograde	-4551 Feb	05	j 05:23	27°♑09'15	
evening set	-4552 Feb	27	j 07:55	15°♒32'19		evening set	-4551 Feb	07	j 14:42	26°♑51'44	
inferior conj	-4552 Mar	07	j 01:52	11°♒32'23	1°52'03	inferior conj	-4551 Feb	15	j 16:14	22°♑37'51	3°12'10
minimum elong	-4552 Mar	07	j 06:16	11°♒25'43	1°50'31	minimum elong	-4551 Feb	15	j 21:01	22°♑29'33	3°10'56
min. Earth dist.	-4552 Mar	09	j 02:35	10°♒18'51	0.55741 AU	min. Earth dist.	-4551 Feb	18	j 17:36	20°♑31'38	0.57078 AU
desc. node	-4552 Mar	14	j 02:29	7°♒44'14		morning rise	-4551 Feb	23	j 23:38	17°♑39'15	
morning rise	-4552 Mar	16	j 01:51	7°♒03'33		desc. node	-4551 Feb	28	j 23:38	16°♑37'15	
direct	-4552 Mar	19	j 23:37	6°♒29'59		direct	-4551 Mar	01	j 03:09	16°♑37'12	
morning max el	-4552 Apr	02	j 16:52	13°♒18'34	23°47'40	morning max el	-4551 Mar	15	j 07:49	23°♑54'40	25°23'23
	-4552 Apr	15	j 11:44	0°♓			-4551 Mar	20	j 20:16	0°♒	
morning set	-4552 Apr	26	j 18:05	21°♓17'05			-4551 Apr	08	j 04:15	0°♓	
asc. node	-4552 Apr	28	j 04:24	24°♓18'04		morning set	-4551 Apr	11	j 06:19	6°♓20'13	
	-4552 Apr	30	j 20:15	0°♈		asc. node	-4551 Apr	15	j 01:21	14°♓26'46	
superior conj	-4552 May	03	j 21:07	6°♈32'28	0°55'53	superior conj	-4551 Apr	18	j 07:21	21°♓31'10	0°33'11
minimum elong	-4552 May	03	j 18:53	6°♈20'31	0°55'30	minimum elong	-4551 Apr	18	j 05:56	21°♓23'28	0°32'50
max. Earth dist.	-4552 May	05	j 20:59	10°♈48'17	1.33558 AU	max. Earth dist.	-4551 Apr	19	j 06:43	23°♓38'15	1.32918 AU
evening rise	-4552 May	11	j 10:01	22°♈16'35			-4551 Apr	22	j 05:38	0°♈	
	-4552 May	15	j 09:02	0°♉		evening rise	-4551 Apr	25	j 12:35	6°♈53'12	
	-4552 Jun	02	j 17:28	0°♊			-4551 May	07	j 22:03	0°♉	
desc. node	-4552 Jun	10	j 01:00	9°♊09'04		evening max el	-4551 May	27	j 03:48	25°♉42'56	27°13'15
evening max el	-4552 Jun	13	j 20:42	13°♊08'23	27°25'05	desc. node	-4551 May	27	j 22:09	26°♉26'01	
retrograde	-4552 Jun	27	j 12:39	20°♊32'49			-4551 Jun	01	j 09:09	0°♊	
evening set	-4552 Jul	04	j 15:54	17°♊53'19		retrograde	-4551 Jun	10	j 01:49	3°♊06'22	
min. Earth dist.	-4552 Jul	08	j 06:47	14°♊40'30	0.63613 AU	evening set	-4551 Jun	17	j 01:55	0°♊48'22	
inferior conj	-4552 Jul	10	j 21:18	11°♊59'08	-3°-46'-41		-4551 Jun	18	j 05:50	30°℞♉	
minimum elong	-4552 Jul	11	j 00:39	11°♊50'26	3°45'52	min. Earth dist.	-4551 Jun	20	j 17:07	27°♉59'17	0.61789 AU
morning rise	-4552 Jul	17	j 11:18	6°♊39'52		inferior conj	-4551 Jun	23	j 20:04	25°♉07'57	-4°-10'-9
direct	-4552 Jul	20	j 02:29	6°♊05'38		minimum elong	-4551 Jun	23	j 21:59	25°♉03'33	4°09'49
asc. node	-4552 Jul	25	j 04:02	8°♊11'12		morning rise	-4551 Jun	30	j 20:45	20°♉09'21	
morning max el	-4552 Jul	26	j 15:14	9°♊30'22	17°59'05	direct	-4551 Jul	03	j 09:27	19°♉41'46	
	-4552 Aug	09	j 07:51	0°♋		morning max el	-4551 Jul	10	j 05:20	23°♉06'49	17°59'12
morning set	-4552 Aug	12	j 15:35	5°♋45'46		asc. node	-4551 Jul	12	j 01:04	25°♉04'56	
							-4551 Jul	15	j 16:04	0°♊	
superior conj	-4552 Aug	25	j 02:52	26°♋56'17	1°10'38	morning set	-4551 Jul	26	j 08:22	18°♊25'43	
minimum elong	-4552 Aug	25	j 08:47	27°♋20'38	1°10'13		-4551 Aug	01	j 18:13	0°♋	
	-4552 Aug	26	j 23:38	0°♌							
max. Earth dist.	-4552 Aug	30	j 23:23	6°♌27'28	1.43836 AU	superior conj	-4551 Aug	06	j 02:56	7°♋39'43	1°36'18
desc. node	-4552 Sep	06	j 00:16	16°♌01'30		minimum elong	-4551 Aug	06	j 07:09	7°♋57'57	1°36'13
evening rise	-4552 Sep	10	j 04:13	22°♌30'28		max. Earth dist.	-4551 Aug	13	j 10:34	20°♋01'04	1.42430 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4551 Aug 19 j 14:53	0°♌	
evening rise	-4551 Aug 20 j 10:52	1°♌19'03	
desc. node	-4551 Aug 23 j 21:13	6°♌40'49	
	-4551 Sep 08 j 14:53	0°♍	
greatest brilliancy	-4551 Sep 16 j 07:38	10°♍15'57	-0.4m
evening max el	-4551 Sep 21 j 04:38	15°♍49'32	21°49'31
retrograde	-4551 Sep 30 j 06:33	21°♍13'10	
evening set	-4551 Oct 04 j 13:10	19°♍32'57	
asc. node	-4551 Oct 08 j 00:04	15°♍51'34	
inferior conj	-4551 Oct 09 j 22:05	13°♍16'16	0°39'06
minimum elong	-4551 Oct 09 j 21:11	13°♍19'22	0°38'49
min. Earth dist.	-4551 Oct 10 j 02:23	13°♍01'22	0.67302 AU
morning rise	-4551 Oct 15 j 04:58	6°♍58'47	
direct	-4551 Oct 20 j 00:04	4°♍59'43	
morning max el	-4551 Oct 30 j 01:10	10°♍59'39	23°00'07
greatest brilliancy	-4551 Nov 03 j 23:29	16°♍32'30	-0.3m
	-4551 Nov 14 j 01:36	0°♎	
desc. node	-4551 Nov 19 j 21:15	8°♎29'31	
morning set	-4551 Dec 03 j 08:42	29°♎40'32	
	-4551 Dec 03 j 13:24	0°♏	
max. Earth dist.	-4551 Dec 08 j 03:28	7°♏44'16	1.39937 AU
superior conj	-4551 Dec 15 j 20:15	21°♏24'39	-1°-53'-38
minimum elong	-4551 Dec 15 j 20:05	21°♏23'52	1°53'50
	-4551 Dec 20 j 10:56	0°♐	
evening rise	-4551 Dec 25 j 11:07	9°♐32'32	
asc. node	-4550 Jan 03 j 22:51	26°♐43'29	
	-4550 Jan 06 j 02:16	0°♑	
evening max el	-4550 Jan 10 j 16:31	5°♑35'53	18°28'13
retrograde	-4550 Jan 18 j 05:21	9°♑17'45	
evening set	-4550 Jan 20 j 17:03	8°♑54'50	
inferior conj	-4550 Jan 28 j 02:52	4°♑20'52	3°54'22
minimum elong	-4550 Jan 28 j 05:11	4°♑16'09	3°53'55
min. Earth dist.	-4550 Jan 31 j 11:54	1°♑38'49	0.58910 AU
	-4550 Feb 02 j 19:25	30°℞♐	
morning rise	-4550 Feb 04 j 13:54	28°♐57'20	
direct	-4550 Feb 10 j 19:48	27°♐16'38	
desc. node	-4550 Feb 15 j 20:45	28°♐19'32	
	-4550 Feb 19 j 02:06	0°♑	
morning max el	-4550 Feb 25 j 01:48	4°♑49'39	26°41'24
	-4550 Mar 15 j 13:06	0°♒	
morning set	-4550 Mar 26 j 17:10	21°♒19'13	
	-4550 Mar 30 j 18:50	0°♓	
asc. node	-4550 Apr 01 j 22:18	4°♓40'28	
superior conj	-4550 Apr 02 j 19:01	6°♓33'48	0°08'59
minimum elong	-4550 Apr 02 j 18:38	6°♓31'39	0°08'47
behind sun begin	-4550 Apr 02 j 14:27	6°♓08'48	
behind sun end	-4550 Apr 02 j 22:48	6°♓54'30	
max. Earth dist.	-4550 Apr 02 j 19:51	6°♓38'20	1.32615 AU
evening rise	-4550 Apr 09 j 20:15	21°♓44'41	
	-4550 Apr 13 j 22:03	0°♈	
	-4550 May 02 j 09:35	0°♉	
evening max el	-4550 May 09 j 05:22	7°♉37'42	26°28'49
desc. node	-4550 May 14 j 19:18	12°♉06'45	
retrograde	-4550 May 23 j 07:20	14°♉57'33	
evening set	-4550 May 29 j 16:38	13°♉13'39	
min. Earth dist.	-4550 Jun 02 j 18:32	10°♉32'06	0.59766 AU
inferior conj	-4550 Jun 06 j 03:38	7°♉50'29	-4°-13'-58
minimum elong	-4550 Jun 06 j 02:46	7°♉52'15	4°13'50
morning rise	-4550 Jun 13 j 16:30	3°♉13'46	
direct	-4550 Jun 16 j 03:56	2°♉51'24	
morning max el	-4550 Jun 23 j 16:00	6°♉28'11	18°18'35
asc. node	-4550 Jun 28 j 22:03	12°♉56'22	
	-4550 Jul 08 j 16:50	0°♊	
morning set	-4550 Jul 09 j 16:17	1°♊50'56	
superior conj	-4550 Jul 19 j 04:16	19°♊39'05	1°47'57
minimum elong	-4550 Jul 19 j 05:40	19°♊45'28	1°48'07
	-4550 Jul 24 j 23:45	0°♋	
max. Earth dist.	-4550 Jul 26 j 15:31	2°♋51'31	1.40632 AU
evening rise	-4550 Jul 31 j 12:43	11°♋03'03	
desc. node	-4550 Aug 10 j 18:12	27°♋12'27	
	-4550 Aug 12 j 14:39	0°♌	
greatest brilliancy	-4550 Aug 29 j 07:24	23°♌03'52	-0.2m
evening max el	-4550 Sep 03 j 19:19	29°♌14'33	23°09'06
	-4550 Sep 04 j 13:48	0°♍	
retrograde	-4550 Sep 14 j 00:03	5°♍17'05	
evening set	-4550 Sep 18 j 20:31	3°♍17'13	
	-4550 Sep 21 j 22:08	30°℞♌	
inferior conj	-4550 Sep 24 j 04:40	26°♌57'09	0°-14'-5
minimum elong	-4550 Sep 24 j 04:59	26°♌56'03	0°13'49
transit middle	-4550 Sep 24 j 04:59	26°♌56'03	0°13'49
transit begin	-4550 Sep 24 j 03:32	27°♌01'01	
transit end	-4550 Sep 24 j 06:26	26°♌51'04	
min. Earth dist.	-4550 Sep 23 j 22:49	27°♌17'17	0.67399 AU
asc. node	-4550 Sep 24 j 21:11	26°♌00'27	
morning rise	-4550 Sep 29 j 13:26	20°♌42'37	
direct	-4550 Oct 03 j 18:26	19°♌04'40	
morning max el	-4550 Oct 12 j 15:44	24°♌20'51	21°36'39
	-4550 Oct 17 j 13:59	0°♍	
greatest brilliancy	-4550 Oct 17 j 18:08	0°♍13'00	-0.4m
desc. node	-4550 Nov 06 j 18:09	28°♍48'54	
	-4550 Nov 07 j 12:40	0°♎	
morning set	-4550 Nov 13 j 01:59	8°♎40'07	
max. Earth dist.	-4550 Nov 20 j 04:24	20°♎08'45	1.41905 AU
	-4550 Nov 26 j 00:54	0°♏	
superior conj	-4550 Nov 27 j 15:35	2°♏46'56	-1°-46'-45
minimum elong	-4550 Nov 27 j 11:59	2°♏31'20	1°46'41
evening rise	-4550 Dec 08 j 14:38	22°♏25'06	
	-4550 Dec 12 j 18:37	0°♐	
asc. node	-4550 Dec 21 j 19:57	14°♐45'40	
evening max el	-4550 Dec 25 j 01:40	18°♐33'50	18°09'50
retrograde	-4550 Dec 31 j 21:58	22°♐03'20	
evening set	-4549 Jan 03 j 12:14	21°♐33'45	
inferior conj	-4549 Jan 10 j 08:41	16°♐37'48	4°04'36
minimum elong	-4549 Jan 10 j 08:13	16°♐38'54	4°04'23
min. Earth dist.	-4549 Jan 13 j 12:14	13°♐43'25	0.60912 AU
morning rise	-4549 Jan 17 j 01:35	10°♐56'38	
direct	-4549 Jan 23 j 23:17	8°♐39'37	
desc. node	-4549 Feb 02 j 17:50	12°♐35'14	
morning max el	-4549 Feb 07 j 01:37	16°♐19'55	27°29'23
	-4549 Feb 18 j 08:31	0°♑	
	-4549 Mar 08 j 00:12	0°♒	
morning set	-4549 Mar 11 j 00:43	6°♒05'53	
max. Earth dist.	-4549 Mar 17 j 08:38	19°♒34'08	1.32652 AU
superior conj	-4549 Mar 18 j 06:25	21°♒32'53	0°-15'-55
minimum elong	-4549 Mar 18 j 07:08	21°♒36'48	0°15'56
asc. node	-4549 Mar 19 j 19:16	24°♒54'04	
	-4549 Mar 22 j 03:30	0°♓	
evening rise	-4549 Mar 25 j 06:46	6°♓42'08	
	-4549 Apr 06 j 15:15	0°♈	
evening max el	-4549 Apr 21 j 01:00	18°♈52'19	25°16'17
desc. node	-4549 May 01 j 16:27	25°♈34'57	
retrograde	-4549 May 05 j 02:42	26°♈02'33	
evening set	-4549 May 10 j 09:49	24°♈57'09	
min. Earth dist.	-4549 May 15 j 13:28	22°♈06'39	0.57791 AU
inferior conj	-4549 May 18 j 16:35	19°♈57'04	-3°-48'-42
minimum elong	-4549 May 18 j 12:21	20°♈04'27	3°48'01
morning rise	-4549 May 26 j 19:01	15°♈40'57	
direct	-4549 May 29 j 05:50	15°♈22'42	
morning max el	-4549 Jun 06 j 20:14	19°♈24'39	18°58'04

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4549 Jun 14 j 21:06	0°♉		
asc. node	-4549 Jun 15 j 19:02	1°♉31'56		
morning set	-4549 Jun 23 j 11:07	15°♉50'49		
	-4549 Jun 30 j 16:15	0°♊		
superior conj	-4549 Jul 02 j 01:10	2°♊38'26	1°48'21	
minimum elong	-4549 Jul 02 j 00:17	2°♊34'11	1°48'31	
max. Earth dist.	-4549 Jul 08 j 17:09	15°♊01'52	1.38690 AU	
evening rise	-4549 Jul 12 j 16:54	22°♊04'05		
	-4549 Jul 17 j 09:40	0°♋		
desc. node	-4549 Jul 28 j 15:12	17°♋31'41		
	-4549 Aug 06 j 12:35	0°♌		
evening max el	-4549 Aug 17 j 06:49	12°♌42'44	24°29'32	
retrograde	-4549 Aug 28 j 13:53	19°♌19'44		
evening set	-4549 Sep 03 j 01:24	17°♌00'27		
inferior conj	-4549 Sep 08 j 10:24	10°♌40'31	-1°-7'-7	
minimum elong	-4549 Sep 08 j 11:57	10°♌35'19	1°06'19	
min. Earth dist.	-4549 Sep 07 j 18:05	11°♌35'18	0.67193 AU	
asc. node	-4549 Sep 11 j 18:17	6°♌31'02		
morning rise	-4549 Sep 13 j 22:47	4°♌32'19		
direct	-4549 Sep 17 j 15:33	3°♌13'39		
morning max el	-4549 Sep 25 j 13:07	7°♌50'26	20°22'29	
greatest brilliancy	-4549 Oct 02 j 05:03	15°♌55'34	-0.6m	
	-4549 Oct 11 j 23:31	0°♍		
morning set	-4549 Oct 23 j 01:37	16°♍54'57		
desc. node	-4549 Oct 24 j 15:03	19°♍20'24		
	-4549 Oct 31 j 09:33	0°♎		
max. Earth dist.	-4549 Nov 02 j 13:15	3°♎26'47	1.43502 AU	
superior conj	-4549 Nov 08 j 08:42	12°♎54'09	-1°-24'-30	
minimum elong	-4549 Nov 08 j 02:09	12°♎27'11	1°23'55	
	-4549 Nov 18 j 11:26	0°♏		
evening rise	-4549 Nov 21 j 01:59	4°♏31'21		
	-4549 Dec 06 j 23:04	0°♐		
evening max el	-4549 Dec 08 j 13:57	1°♐47'17	18°10'49	
asc. node	-4549 Dec 08 j 17:03	1°♐55'04		
retrograde	-4549 Dec 15 j 03:27	5°♐16'54		
evening set	-4549 Dec 17 j 20:49	4°♐39'33		
	-4549 Dec 23 j 16:00	30°℞♏		
inferior conj	-4549 Dec 24 j 06:24	29°♏22'19	3°51'53	
minimum elong	-4549 Dec 24 j 04:03	29°♏28'29	3°51'23	
min. Earth dist.	-4549 Dec 26 j 21:17	26°♏37'36	0.62799 AU	
morning rise	-4549 Dec 30 j 09:28	23°♏28'11		
direct	-4548 Jan 06 j 11:15	20°♏47'15		
morning max el	-4548 Jan 20 j 07:09	28°♏29'59	27°41'34	
desc. node	-4548 Jan 20 j 14:53	28°♏49'09		
	-4548 Jan 21 j 18:34	0°♐		
	-4548 Feb 12 j 02:38	0°♑		
morning set	-4548 Feb 23 j 02:47	20°♑32'32		
	-4548 Feb 27 j 16:25	0°♒		
max. Earth dist.	-4548 Feb 28 j 17:18	2°♒12'20	1.33053 AU	
superior conj	-4548 Mar 01 j 15:54	6°♒22'30	0°-40'-38	
minimum elong	-4548 Mar 01 j 17:41	6°♒32'07	0°40'29	
asc. node	-4548 Mar 05 j 16:16	15°♒03'30		
evening rise	-4548 Mar 08 j 18:23	21°♒38'49		
	-4548 Mar 12 j 20:29	0°♓		
evening max el	-4548 Apr 01 j 17:11	29°♓39'59	23°46'05	
	-4548 Apr 02 j 01:38	0°♈		
retrograde	-4548 Apr 15 j 09:29	6°♈28'36		
desc. node	-4548 Apr 17 j 13:37	6°♈18'03		
evening set	-4548 Apr 19 j 09:06	5°♈53'38		
min. Earth dist.	-4548 Apr 26 j 04:44	2°♈41'40	0.56194 AU	
inferior conj	-4548 Apr 28 j 09:27	1°♈21'41	-2°-45'-25	
minimum elong	-4548 Apr 28 j 03:42	1°♈30'26	2°43'56	
	-4548 Apr 30 j 16:27	30°℞♓		
morning rise	-4548 May 07 j 01:55	27°♓20'50		
direct	-4548 May 09 j 13:08	27°♓05'16		
	-4548 May 17 j 12:10	0°♈		
morning max el	-4548 May 19 j 15:23	1°♈46'48	19°57'59	
asc. node	-4548 Jun 01 j 16:01	20°♈41'03		
	-4548 Jun 06 j 10:21	0°♉		
morning set	-4548 Jun 06 j 13:42	0°♉16'56		
superior conj	-4548 Jun 14 j 12:23	16°♉23'00	1°40'22	
minimum elong	-4548 Jun 14 j 10:09	16°♉11'52	1°40'22	
max. Earth dist.	-4548 Jun 19 j 21:01	26°♉50'26	1.36849 AU	
	-4548 Jun 21 j 13:18	0°♊		
evening rise	-4548 Jun 23 j 21:11	4°♊17'15		
	-4548 Jul 09 j 08:40	0°♋		
desc. node	-4548 Jul 14 j 12:15	7°♋32'12		
evening max el	-4548 Jul 29 j 17:28	26°♋13'15	25°43'03	
	-4548 Aug 03 j 01:40	0°♌		
retrograde	-4548 Aug 10 j 23:13	3°♌16'00		
evening set	-4548 Aug 17 j 01:49	0°♌40'06		
	-4548 Aug 17 j 19:23	30°℞♋		
min. Earth dist.	-4548 Aug 21 j 09:43	25°♋52'37	0.66666 AU	
inferior conj	-4548 Aug 22 j 13:30	24°♋23'33	-1°-58'-20	
minimum elong	-4548 Aug 22 j 16:10	24°♋15'03	1°57'10	
morning rise	-4548 Aug 28 j 07:05	18°♋25'00		
asc. node	-4548 Aug 28 j 15:24	18°♋12'33		
direct	-4548 Aug 31 j 13:45	17°♋22'49		
morning max el	-4548 Sep 07 j 17:38	21°♋28'12	19°21'29	
	-4548 Sep 14 j 13:05	0°♌		
greatest brilliancy	-4548 Sep 17 j 20:17	4°♌48'22	-0.7m	
morning set	-4548 Oct 01 j 05:58	25°♌29'47		
	-4548 Oct 04 j 03:05	0°♍		
desc. node	-4548 Oct 10 j 11:57	9°♍59'12		
max. Earth dist.	-4548 Oct 15 j 04:19	17°♍22'12	1.44508 AU	
superior conj	-4548 Oct 17 j 23:00	21°♍46'43	0°-45'-59	
minimum elong	-4548 Oct 17 j 17:32	21°♍24'59	0°45'17	
	-4548 Oct 23 j 02:11	0°♎		
evening rise	-4548 Nov 01 j 16:21	15°♎40'49		
	-4548 Nov 10 j 08:37	0°♏		
evening max el	-4548 Nov 21 j 02:30	15°♏09'00	18°30'26	
asc. node	-4548 Nov 24 j 14:11	17°♏56'32		
retrograde	-4548 Nov 27 j 17:30	18°♏49'23		
evening set	-4548 Nov 30 j 15:17	18°♏02'41		
inferior conj	-4548 Dec 06 j 16:13	12°♏26'35	3°23'37	
minimum elong	-4548 Dec 06 j 13:04	12°♏35'45	3°22'45	
min. Earth dist.	-4548 Dec 08 j 16:25	10°♏06'34	0.64396 AU	
morning rise	-4548 Dec 12 j 09:35	6°♏22'26		
direct	-4548 Dec 19 j 06:08	3°♏32'41		
morning max el	-4547 Jan 01 j 16:10	11°♏12'40	27°18'50	
desc. node	-4547 Jan 06 j 11:55	16°♏27'38		
	-4547 Jan 16 j 16:12	0°♐		
	-4547 Feb 03 j 12:32	0°♑		
morning set	-4547 Feb 05 j 20:34	4°♑29'59		
max. Earth dist.	-4547 Feb 10 j 18:05	14°♑21'19	1.33853 AU	
superior conj	-4547 Feb 13 j 21:37	20°♑56'20	-1°-4'-9	
minimum elong	-4547 Feb 14 j 00:15	21°♑10'16	1°03'56	
	-4547 Feb 18 j 03:48	0°♒		
asc. node	-4547 Feb 20 j 13:18	5°♒04'30		
evening rise	-4547 Feb 21 j 05:20	6°♒28'27		
	-4547 Mar 06 j 00:27	0°♓		
evening max el	-4547 Mar 14 j 11:29	10°♓26'08	22°12'15	
retrograde	-4547 Mar 27 j 04:32	16°♓36'31		
evening set	-4547 Mar 30 j 02:23	16°♓17'47		
desc. node	-4547 Apr 04 j 10:47	14°♓19'27		
inferior conj	-4547 Apr 08 j 10:05	12°♓09'56	-1°-5'-10	
minimum elong	-4547 Apr 08 j 07:07	12°♓14'07	1°04'16	
min. Earth dist.	-4547 Apr 07 j 18:47	12°♓31'33	0.55293 AU	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning rise	-4547 Apr 17 j 13:27	8°♓11'50	
direct	-4547 Apr 20 j 05:09	7°♓55'53	
morning max el	-4547 May 01 j 23:54	13°♓28'42	21°17'06
	-4547 May 14 j 02:37	0°♈	
asc. node	-4547 May 19 j 13:02	10°♈15'25	
morning set	-4547 May 21 j 21:33	15°♈02'23	
superior conj	-4547 May 29 j 09:45	0°♉40'51	1°26'20
minimum elong	-4547 May 29 j 07:02	0°♉26'51	1°26'07
	-4547 May 29 j 01:51	0°♉	
max. Earth dist.	-4547 Jun 02 j 08:23	8°♉42'34	1.35280 AU
evening rise	-4547 Jun 06 j 20:21	17°♉28'55	
	-4547 Jun 13 j 17:40	0°♊	
desc. node	-4547 Jul 01 j 09:20	27°♊06'06	
	-4547 Jul 03 j 14:52	0°♋	
evening max el	-4547 Jul 12 j 04:34	9°♋42'16	26°41'29
retrograde	-4547 Jul 25 j 03:48	17°♋00'38	
evening set	-4547 Jul 31 j 19:37	14°♋14'34	
min. Earth dist.	-4547 Aug 04 j 19:25	10°♋06'03	0.65782 AU
inferior conj	-4547 Aug 06 j 12:03	8°♋04'17	-2°-45'-49
minimum elong	-4547 Aug 06 j 15:29	7°♋53'57	2°44'32
morning rise	-4547 Aug 12 j 12:24	2°♋18'39	
direct	-4547 Aug 15 j 11:14	1°♋29'44	
asc. node	-4547 Aug 15 j 12:30	1°♋29'45	
morning max el	-4547 Aug 22 j 04:02	5°♋12'40	18°36'00
	-4547 Sep 08 j 03:40	0°♌	
morning set	-4547 Sep 11 j 09:13	5°♌13'23	
superior conj	-4547 Sep 26 j 22:42	0°♍02'21	0°02'42
minimum elong	-4547 Sep 26 j 23:04	0°♍03'50	0°02'46
behind sun begin	-4547 Sep 26 j 11:49	29°♌19'25	
behind sun end	-4547 Sep 27 j 10:20	0°♍48'13	
	-4547 Sep 26 j 22:06	0°♍	
desc. node	-4547 Sep 27 j 08:54	0°♍42'33	
max. Earth dist.	-4547 Sep 27 j 22:12	1°♍34'59	1.44810 AU
evening rise	-4547 Oct 13 j 06:00	25°♍46'20	
	-4547 Oct 15 j 21:57	0°♎	
evening max el	-4547 Nov 04 j 12:49	28°♎34'48	19°07'30
	-4547 Nov 06 j 00:30	0°♏	
asc. node	-4547 Nov 11 j 11:21	2°♏34'49	
retrograde	-4547 Nov 11 j 12:31	2°♏34'50	
evening set	-4547 Nov 14 j 16:34	1°♏36'40	
	-4547 Nov 16 j 17:45	30°℞♎	
inferior conj	-4547 Nov 20 j 10:51	25°♎44'56	2°44'54
minimum elong	-4547 Nov 20 j 07:44	25°♎54'44	2°43'52
min. Earth dist.	-4547 Nov 21 j 21:03	23°♎57'28	0.65642 AU
morning rise	-4547 Nov 25 j 21:59	19°♎33'23	
direct	-4547 Dec 02 j 07:26	16°♎48'03	
morning max el	-4547 Dec 15 j 02:02	24°♎15'58	26°26'47
	-4547 Dec 20 j 07:06	0°♏	
desc. node	-4547 Dec 24 j 08:55	5°♏05'55	
	-4546 Jan 10 j 01:28	0°♐	
morning set	-4546 Jan 20 j 02:17	17°♐46'32	
max. Earth dist.	-4546 Jan 24 j 07:44	25°♐55'16	1.35092 AU
	-4546 Jan 26 j 08:52	0°♑	
superior conj	-4546 Jan 28 j 21:18	5°♑07'15	-1°-25'-8
minimum elong	-4546 Jan 29 j 00:22	5°♑22'57	1°24'59
evening rise	-4546 Feb 05 j 13:46	21°♑04'41	
asc. node	-4546 Feb 07 j 10:21	24°♑52'05	
	-4546 Feb 10 j 00:41	0°♒	
evening max el	-4546 Feb 24 j 13:41	21°♒35'33	20°47'00
retrograde	-4546 Mar 07 j 18:24	26°♒55'10	
evening set	-4546 Mar 10 j 03:53	26°♒41'30	
inferior conj	-4546 Mar 19 j 05:38	22°♒43'39	0°50'57
minimum elong	-4546 Mar 19 j 07:54	22°♒40'22	0°50'01
min. Earth dist.	-4546 Mar 20 j 09:01	22°♒04'10	0.55304 AU
desc. node	-4546 Mar 22 j 07:58	20°♒58'35	
morning rise	-4546 Mar 28 j 10:26	18°♒29'46	
direct	-4546 Mar 31 j 17:22	18°♒06'13	
morning max el	-4546 Apr 13 j 22:14	24°♒31'17	22°50'48
	-4546 Apr 18 j 21:41	0°♓	
morning set	-4546 May 06 j 08:29	29°♓59'23	
asc. node	-4546 May 06 j 10:01	0°♈07'24	
	-4546 May 06 j 08:36	0°♈	
superior conj	-4546 May 13 j 13:57	15°♈20'47	1°07'57
minimum elong	-4546 May 13 j 11:25	15°♈07'18	1°07'35
max. Earth dist.	-4546 May 16 j 05:31	20°♈55'29	1.34074 AU
	-4546 May 20 j 16:22	0°♉	
evening rise	-4546 May 21 j 09:11	1°♉23'13	
	-4546 Jun 06 j 16:27	0°♊	
desc. node	-4546 Jun 18 j 06:27	16°♊00'56	
evening max el	-4546 Jun 24 j 15:40	22°♊59'45	27°17'19
	-4546 Jul 05 j 06:16	0°♋	
retrograde	-4546 Jul 08 j 03:05	0°♋24'35	
	-4546 Jul 10 j 21:01	30°℞♊	
evening set	-4546 Jul 15 j 03:56	27°♊38'49	
min. Earth dist.	-4546 Jul 18 j 21:09	24°♊07'21	0.64510 AU
inferior conj	-4546 Jul 21 j 03:40	21°♊37'42	-3°-27'-6
minimum elong	-4546 Jul 21 j 07:19	21°♊27'40	3°26'02
morning rise	-4546 Jul 27 j 12:16	16°♊07'58	
direct	-4546 Jul 30 j 05:30	15°♊29'16	
asc. node	-4546 Aug 02 j 09:35	16°♊21'21	
morning max el	-4546 Aug 05 j 17:54	18°♊58'25	18°07'25
	-4546 Aug 13 j 21:23	0°♋	
morning set	-4546 Aug 23 j 15:38	16°♋14'45	
	-4546 Aug 31 j 21:18	0°♌	
superior conj	-4546 Sep 06 j 06:18	8°♌45'10	0°49'06
minimum elong	-4546 Sep 06 j 11:33	9°♌06'19	0°48'39
max. Earth dist.	-4546 Sep 10 j 15:22	15°♌45'19	1.44385 AU
desc. node	-4546 Sep 14 j 05:48	21°♌26'48	
	-4546 Sep 19 j 17:04	0°♍	
evening rise	-4546 Sep 22 j 20:22	4°♍52'14	
	-4546 Oct 09 j 10:16	0°♎	
greatest brilliancy	-4546 Oct 11 j 11:27	2°♎54'47	-0.6m
evening max el	-4546 Oct 18 j 18:42	12°♎01'40	20°00'25
retrograde	-4546 Oct 26 j 09:33	16°♎29'08	
asc. node	-4546 Oct 29 j 08:28	15°♎38'21	
evening set	-4546 Oct 29 j 22:08	15°♎16'48	
inferior conj	-4546 Nov 04 j 11:31	9°♎12'52	1°59'17
minimum elong	-4546 Nov 04 j 09:00	9°♎21'12	1°58'21
min. Earth dist.	-4546 Nov 05 j 09:10	8°♎01'02	0.66540 AU
morning rise	-4546 Nov 09 j 19:14	2°♎56'44	
direct	-4546 Nov 15 j 14:27	0°♎25'25	
morning max el	-4546 Nov 27 j 11:02	7°♎27'47	25°13'54
desc. node	-4546 Dec 11 j 05:53	24°♎26'15	
	-4546 Dec 15 j 02:57	0°♏	
morning set	-4545 Jan 02 j 14:56	0°♐07'23	
	-4545 Jan 02 j 13:17	0°♐	
max. Earth dist.	-4545 Jan 06 j 09:55	7°♐03'52	1.36762 AU
superior conj	-4545 Jan 12 j 12:03	18°♐46'47	-1°-41'-53
minimum elong	-4545 Jan 12 j 14:47	19°♐00'18	1°41'54
	-4545 Jan 18 j 02:08	0°♑	
evening rise	-4545 Jan 20 j 17:40	5°♑21'16	
asc. node	-4545 Jan 25 j 07:25	14°♑20'38	
	-4545 Feb 04 j 01:09	0°♒	
evening max el	-4545 Feb 07 j 02:27	3°♒20'37	19°37'48
retrograde	-4545 Feb 16 j 14:52	7°♒51'12	
evening set	-4545 Feb 18 j 23:00	7°♒36'06	
inferior conj	-4545 Feb 27 j 10:12	3°♒31'51	2°30'36
minimum elong	-4545 Feb 27 j 15:16	3°♒23'46	2°29'01

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4545 Mar 01 j 23:43	1°♒54'10	0.56223 AU
	-4545 Mar 05 j 08:25	30°℞♉	
morning rise	-4545 Mar 08 j 04:02	28°♉50'00	
desc. node	-4545 Mar 09 j 05:06	28°♉31'50	
direct	-4545 Mar 12 j 14:15	28°♉05'51	
	-4545 Mar 19 j 16:37	0°♒	
morning max el	-4545 Mar 26 j 14:02	5°♒09'34	24°29'31
	-4545 Apr 13 j 05:48	0°♓	
morning set	-4545 Apr 20 j 20:42	15°♓01'55	
asc. node	-4545 Apr 23 j 07:00	20°♓11'35	
superior conj	-4545 Apr 27 j 22:33	0°♈14'42	0°46'31
minimum elong	-4545 Apr 27 j 20:38	0°♈04'21	0°46'08
	-4545 Apr 27 j 19:50	0°♈	
max. Earth dist.	-4545 Apr 29 j 11:26	3°♈33'30	1.33241 AU
evening rise	-4545 May 05 j 07:41	15°♈47'40	
	-4545 May 12 j 17:07	0°♉	
	-4545 Jun 01 j 13:40	0°♊	
desc. node	-4545 Jun 05 j 03:35	4°♊00'02	
evening max el	-4545 Jun 07 j 01:05	5°♊53'59	27°24'08
retrograde	-4545 Jun 20 j 20:18	13°♊18'38	
evening set	-4545 Jun 27 j 23:13	10°♊46'46	
min. Earth dist.	-4545 Jul 01 j 13:24	7°♊45'22	0.62868 AU
inferior conj	-4545 Jul 04 j 09:31	4°♊57'46	-3°-58'-35
minimum elong	-4545 Jul 04 j 12:26	4°♊50'35	3°57'59
	-4545 Jul 10 j 15:40	30°℞♉	
morning rise	-4545 Jul 11 j 03:52	29°♉46'50	
direct	-4545 Jul 13 j 17:42	29°♉15'43	
	-4545 Jul 16 j 18:40	0°♊	
asc. node	-4545 Jul 20 j 06:38	2°♊34'49	
morning max el	-4545 Jul 20 j 08:38	2°♊39'44	17°56'47
morning set	-4545 Aug 05 j 21:29	28°♊23'05	
	-4545 Aug 06 j 19:23	0°♋	
superior conj	-4545 Aug 17 j 14:14	18°♋40'26	1°23'22
minimum elong	-4545 Aug 17 j 19:44	19°♋03'35	1°23'03
max. Earth dist.	-4545 Aug 24 j 05:19	29°♋36'47	1.43301 AU
	-4545 Aug 24 j 11:03	0°♌	
desc. node	-4545 Sep 01 j 02:44	12°♌09'03	
evening rise	-4545 Sep 01 j 23:59	13°♌31'48	
	-4545 Sep 12 j 19:48	0°♍	
greatest brilliancy	-4545 Sep 26 j 08:04	19°♍05'31	-0.5m
evening max el	-4545 Oct 01 j 18:41	25°♍27'46	21°06'45
	-4545 Oct 07 j 20:39	0°♎	
retrograde	-4545 Oct 10 j 06:23	0°♎29'07	
	-4545 Oct 12 j 13:17	30°℞♍	
evening set	-4545 Oct 14 j 05:49	28°♍59'49	
asc. node	-4545 Oct 16 j 05:36	27°♍08'40	
inferior conj	-4545 Oct 19 j 15:56	22°♍47'01	1°09'12
minimum elong	-4545 Oct 19 j 14:23	22°♍52'19	1°08'37
min. Earth dist.	-4545 Oct 20 j 02:21	22°♍11'22	0.67116 AU
morning rise	-4545 Oct 24 j 22:33	16°♍29'16	
direct	-4545 Oct 30 j 02:29	14°♍17'37	
morning max el	-4545 Nov 09 j 19:49	20°♍41'53	23°49'47
	-4545 Nov 17 j 19:16	0°♎	
desc. node	-4545 Nov 28 j 02:47	14°♎15'51	
	-4545 Dec 08 j 08:57	0°♏	
morning set	-4545 Dec 15 j 04:18	11°♏14'56	
max. Earth dist.	-4545 Dec 19 j 05:56	18°♏18'42	1.38752 AU
	-4545 Dec 25 j 15:58	0°♐	
superior conj	-4545 Dec 26 j 13:58	1°♐43'21	-1°-52'-1
minimum elong	-4545 Dec 26 j 15:15	1°♐49'25	1°52'11
evening rise	-4544 Jan 04 j 14:31	19°♐10'47	
	-4544 Jan 10 j 06:55	0°♑	
asc. node	-4544 Jan 12 j 04:28	3°♑22'35	
evening max el	-4544 Jan 21 j 00:59	15°♑39'17	18°47'48
retrograde	-4544 Jan 29 j 03:50	19°♑34'12	
evening set	-4544 Jan 31 j 14:19	19°♑14'26	
inferior conj	-4544 Feb 08 j 08:57	14°♑52'34	3°34'28
minimum elong	-4544 Feb 08 j 12:52	14°♑45'19	3°33'37
min. Earth dist.	-4544 Feb 11 j 15:39	12°♑28'33	0.57823 AU
morning rise	-4544 Feb 16 j 07:45	9°♑42'48	
direct	-4544 Feb 21 j 23:46	8°♑24'43	
desc. node	-4544 Feb 24 j 02:13	8°♑35'29	
morning max el	-4544 Mar 07 j 05:24	15°♑49'37	25°59'29
	-4544 Mar 18 j 16:47	0°♒	
morning set	-4544 Apr 04 j 08:31	0°♓03'40	
	-4544 Apr 04 j 07:49	0°♓	
asc. node	-4544 Apr 09 j 03:58	10°♓22'51	
superior conj	-4544 Apr 11 j 09:34	15°♓15'30	0°23'03
minimum elong	-4544 Apr 11 j 08:34	15°♓10'02	0°22'46
max. Earth dist.	-4544 Apr 11 j 23:06	16°♓29'21	1.32752 AU
	-4544 Apr 18 j 06:35	0°♈	
evening rise	-4544 Apr 18 j 12:42	0°♈31'37	
	-4544 May 04 j 19:52	0°♉	
evening max el	-4544 May 19 j 06:18	18°♉13'08	26°58'19
desc. node	-4544 May 22 j 00:44	20°♉40'09	
retrograde	-4544 Jun 02 j 06:12	25°♉34'34	
evening set	-4544 Jun 09 j 01:27	23°♉30'13	
min. Earth dist.	-4544 Jun 12 j 19:48	20°♉46'18	0.60940 AU
inferior conj	-4544 Jun 16 j 02:18	17°♉56'48	-4°-14'-43
minimum elong	-4544 Jun 16 j 03:11	17°♉54'53	4°14'33
morning rise	-4544 Jun 23 j 07:55	13°♉07'05	
direct	-4544 Jun 25 j 20:02	12°♉41'45	
morning max el	-4544 Jul 02 j 21:32	16°♉10'22	18°05'02
asc. node	-4544 Jul 06 j 03:39	19°♉54'45	
	-4544 Jul 12 j 14:35	0°♊	
morning set	-4544 Jul 18 j 21:19	11°♊24'11	
superior conj	-4544 Jul 29 j 01:37	29°♊57'45	1°42'49
minimum elong	-4544 Jul 29 j 04:39	0°♋11'09	1°42'52
	-4544 Jul 29 j 02:08	0°♋	
max. Earth dist.	-4544 Aug 05 j 14:18	12°♋55'06	1.41701 AU
evening rise	-4544 Aug 11 j 13:10	22°♋39'46	
	-4544 Aug 16 j 04:44	0°♌	
desc. node	-4544 Aug 17 j 23:42	2°♌46'02	
	-4544 Sep 05 j 23:02	0°♍	
greatest brilliancy	-4544 Sep 08 j 19:08	3°♍34'23	-0.3m
evening max el	-4544 Sep 13 j 12:32	8°♍53'19	22°22'50
retrograde	-4544 Sep 23 j 01:25	14°♍32'57	
evening set	-4544 Sep 27 j 13:49	12°♍44'24	
asc. node	-4544 Oct 02 j 02:42	7°♍33'17	
inferior conj	-4544 Oct 02 j 22:14	6°♍26'04	0°16'40
minimum elong	-4544 Oct 02 j 21:50	6°♍27'25	0°16'36
min. Earth dist.	-4544 Oct 02 j 22:11	6°♍26'11	0.67385 AU
morning rise	-4544 Oct 08 j 05:43	0°♍09'42	
	-4544 Oct 08 j 10:34	30°℞♌	
direct	-4544 Oct 12 j 18:44	28°♌19'40	
	-4544 Oct 17 j 14:11	0°♍	
morning max el	-4544 Oct 22 j 07:27	4°♍00'07	22°23'53
greatest brilliancy	-4544 Oct 27 j 00:39	9°♍19'46	-0.3m
	-4544 Nov 11 j 00:28	0°♎	
desc. node	-4544 Nov 13 j 23:42	4°♎26'33	
morning set	-4544 Nov 24 j 13:32	20°♎59'24	
max. Earth dist.	-4544 Nov 30 j 04:04	0°♏15'32	1.40814 AU
	-4544 Nov 30 j 00:23	0°♏	
superior conj	-4544 Dec 07 j 22:08	13°♏44'26	-1°-52'-24
minimum elong	-4544 Dec 07 j 20:36	13°♏37'36	1°52'31
	-4544 Dec 16 j 18:08	0°♐	
evening rise	-4544 Dec 18 j 01:26	2°♐26'48	
asc. node	-4544 Dec 29 j 01:31	21°♐49'33	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4543 Jan 03 j 07:00	28°♐25'02	18°17'52
	-4543 Jan 05 j 03:05	0°♑	
retrograde	-4543 Jan 10 j 11:24	1°♑59'57	
evening set	-4543 Jan 13 j 00:16	1°♑34'12	
	-4543 Jan 16 j 03:02	30°℞♐	
inferior conj	-4543 Jan 20 j 04:02	26°♐50'32	4°02'03
minimum elong	-4543 Jan 20 j 05:06	26°♐48'13	4°01'47
min. Earth dist.	-4543 Jan 23 j 11:48	24°♐00'37	0.59769 AU
morning rise	-4543 Jan 27 j 06:55	21°♐18'50	
direct	-4543 Feb 02 j 20:58	19°♐22'04	
desc. node	-4543 Feb 09 j 23:18	21°♐26'45	
morning max el	-4543 Feb 17 j 01:42	26°♐57'57	27°06'01
	-4543 Feb 19 j 23:36	0°♑	
	-4543 Mar 12 j 03:08	0°♒	
morning set	-4543 Mar 19 j 18:11	14°♒58'06	
superior conj	-4543 Mar 26 j 21:18	0°♓16'54	0°-1'-35
minimum elong	-4543 Mar 26 j 21:22	0°♓17'19	0°01'42
behind sun begin	-4543 Mar 26 j 16:24	29°♒50'03	
behind sun end	-4543 Mar 27 j 02:21	0°♓44'35	
max. Earth dist.	-4543 Mar 26 j 12:43	29°♒29'56	1.32594 AU
	-4543 Mar 26 j 18:13	0°♓	
asc. node	-4543 Mar 27 j 00:57	0°♓36'51	
evening rise	-4543 Apr 02 j 21:49	15°♓26'19	
	-4543 Apr 10 j 06:28	0°♈	
evening max el	-4543 May 01 j 05:12	29°♈49'36	26°00'52
	-4543 May 01 j 09:34	0°♉	
desc. node	-4543 May 08 j 21:54	5°♉29'09	
retrograde	-4543 May 15 j 07:19	7°♉05'58	
evening set	-4543 May 21 j 06:59	5°♉38'26	
min. Earth dist.	-4543 May 25 j 17:48	2°♉55'14	0.58902 AU
inferior conj	-4543 May 29 j 02:16	0°♉24'43	-4°-7'-25
minimum elong	-4543 May 28 j 23:56	0°♉29'08	4°07'09
	-4543 May 29 j 15:27	30°℞♈	
morning rise	-4543 Jun 05 j 20:45	25°♈57'17	
direct	-4543 Jun 08 j 08:04	25°♈36'40	
morning max el	-4543 Jun 16 j 05:47	29°♈21'57	18°32'58
	-4543 Jun 16 j 21:18	0°♉	
asc. node	-4543 Jun 23 j 00:39	8°♉06'12	
morning set	-4543 Jul 02 j 10:18	25°♉05'12	
	-4543 Jul 04 j 23:24	0°♊	
superior conj	-4543 Jul 11 j 11:59	12°♊24'37	1°49'19
minimum elong	-4543 Jul 11 j 12:19	12°♊26'06	1°49'32
max. Earth dist.	-4543 Jul 18 j 17:44	25°♊28'53	1.39805 AU
	-4543 Jul 21 j 08:33	0°♋	
evening rise	-4543 Jul 23 j 01:58	2°♋55'11	
desc. node	-4543 Aug 04 j 20:43	23°♋13'07	
	-4543 Aug 09 j 11:20	0°♌	
evening max el	-4543 Aug 27 j 01:27	22°♌18'55	23°43'35
retrograde	-4543 Sep 06 j 17:28	28°♌36'57	
evening set	-4543 Sep 11 j 20:21	26°♌28'21	
inferior conj	-4543 Sep 17 j 04:39	20°♌07'53	0°-36'-40
minimum elong	-4543 Sep 17 j 05:30	20°♌04'59	0°36'11
min. Earth dist.	-4543 Sep 16 j 18:20	20°♌43'06	0.67350 AU
asc. node	-4543 Sep 18 j 23:48	17°♌43'46	
morning rise	-4543 Sep 22 j 14:46	13°♌55'54	
direct	-4543 Sep 26 j 14:17	12°♌26'38	
morning max el	-4543 Oct 05 j 00:53	17°♌25'05	21°03'47
greatest brilliancy	-4543 Oct 10 j 15:52	24°♌00'52	-0.5m
	-4543 Oct 15 j 02:25	0°♍	
desc. node	-4543 Oct 31 j 20:36	24°♍51'44	
morning set	-4543 Nov 03 j 21:12	29°♍33'40	
	-4543 Nov 04 j 03:55	0°♎	
max. Earth dist.	-4543 Nov 12 j 08:39	13°♎05'03	1.42645 AU
superior conj	-4543 Nov 19 j 06:49	24°♎35'40	-1°-39'-20
minimum elong	-4543 Nov 19 j 01:43	24°♎14'05	1°39'04
	-4543 Nov 22 j 10:32	0°♏	
evening rise	-4543 Nov 30 j 22:40	15°♏01'17	
	-4543 Dec 09 j 11:18	0°♐	
asc. node	-4543 Dec 15 j 22:35	9°♐31'04	
evening max el	-4543 Dec 17 j 17:46	11°♐30'21	18°07'51
retrograde	-4543 Dec 24 j 10:16	14°♐58'54	
evening set	-4543 Dec 27 j 01:37	14°♐26'16	
inferior conj	-4542 Jan 02 j 17:08	9°♐20'52	4°01'33
minimum elong	-4542 Jan 02 j 15:44	9°♐24'19	4°01'14
min. Earth dist.	-4542 Jan 05 j 15:44	6°♐28'14	0.61738 AU
morning rise	-4542 Jan 09 j 03:34	3°♐33'25	
direct	-4542 Jan 16 j 04:06	1°♐04'35	
desc. node	-4542 Jan 27 j 20:23	6°♐37'39	
morning max el	-4542 Jan 30 j 04:27	8°♐46'53	27°39'06
	-4542 Feb 15 j 13:59	0°♑	
morning set	-4542 Mar 03 j 23:47	29°♑38'13	
	-4542 Mar 04 j 04:03	0°♒	
max. Earth dist.	-4542 Mar 10 j 00:23	12°♒21'04	1.32774 AU
superior conj	-4542 Mar 11 j 08:09	15°♒13'18	0°-26'-30
minimum elong	-4542 Mar 11 j 09:20	15°♒19'43	0°26'25
asc. node	-4542 Mar 13 j 21:56	20°♒49'35	
evening rise	-4542 Mar 18 j 09:04	0°♓24'46	
	-4542 Mar 18 j 04:22	0°♓	
	-4542 Apr 03 j 21:22	0°♈	
evening max el	-4542 Apr 12 j 22:38	10°♈50'01	24°39'13
desc. node	-4542 Apr 25 j 19:03	17°♈50'55	
retrograde	-4542 Apr 26 j 21:55	17°♈53'50	
evening set	-4542 May 01 j 15:45	17°♈02'43	
min. Earth dist.	-4542 May 07 j 10:44	14°♈04'29	0.57042 AU
inferior conj	-4542 May 10 j 06:39	12°♈13'59	-3°-26'-52
minimum elong	-4542 May 10 j 01:22	12°♈22'39	3°25'46
morning rise	-4542 May 18 j 15:12	8°♈05'50	
direct	-4542 May 21 j 01:52	7°♈49'03	
morning max el	-4542 May 30 j 06:36	12°♈05'52	19°21'08
asc. node	-4542 Jun 09 j 21:41	26°♈57'33	
	-4542 Jun 11 j 13:42	0°♉	
morning set	-4542 Jun 16 j 08:48	9°♉17'18	
superior conj	-4542 Jun 24 j 15:38	25°♉45'26	1°45'50
minimum elong	-4542 Jun 24 j 14:04	25°♉37'45	1°45'57
	-4542 Jun 26 j 20:19	0°♊	
max. Earth dist.	-4542 Jun 30 j 19:10	7°♊25'24	1.37877 AU
evening rise	-4542 Jul 04 j 16:59	14°♊28'23	
	-4542 Jul 13 j 22:39	0°♋	
desc. node	-4542 Jul 22 j 17:44	13°♋25'13	
	-4542 Aug 04 j 04:57	0°♌	
evening max el	-4542 Aug 09 j 12:07	5°♌47'24	25°02'04
retrograde	-4542 Aug 21 j 05:38	12°♌37'24	
evening set	-4542 Aug 26 j 23:37	10°♌10'21	
min. Earth dist.	-4542 Aug 31 j 12:23	5°♌00'54	0.67007 AU
inferior conj	-4542 Sep 01 j 09:30	3°♌51'10	-1°-29'-11
minimum elong	-4542 Sep 01 j 11:32	3°♌44'25	1°28'12
	-4542 Sep 04 j 12:15	30°℞♋	
asc. node	-4542 Sep 05 j 20:57	28°♋39'16	
morning rise	-4542 Sep 06 j 23:54	27°♋46'41	
direct	-4542 Sep 10 j 11:59	26°♋35'36	
	-4542 Sep 17 j 01:37	0°♌	
morning max el	-4542 Sep 18 j 01:26	0°♌58'22	19°54'44
greatest brilliancy	-4542 Sep 25 j 18:23	10°♌36'15	-0.6m
	-4542 Oct 08 j 18:28	0°♍	
morning set	-4542 Oct 13 j 19:49	7°♍48'24	
desc. node	-4542 Oct 18 j 17:30	15°♍26'37	
max. Earth dist.	-4542 Oct 25 j 19:58	26°♍39'11	1.44003 AU
	-4542 Oct 27 j 22:12	0°♎	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4542 Oct 30 j 11:58	4°♎08'58	-1°-9'-58
minimum elong	-4542 Oct 30 j 05:12	3°♎41'33	1°09'16
evening rise	-4542 Nov 13 j 01:41	26°♎44'26	
	-4542 Nov 14 j 23:33	0°♏	
evening max el	-4542 Dec 01 j 06:30	24°♏48'02	18°16'59
asc. node	-4542 Dec 02 j 19:43	26°♏13'36	
retrograde	-4542 Dec 07 j 19:51	28°♏21'14	
evening set	-4542 Dec 10 j 14:48	27°♏40'18	
inferior conj	-4542 Dec 16 j 20:29	22°♏14'57	3°41'27
minimum elong	-4542 Dec 16 j 17:40	22°♏22'41	3°40'48
min. Earth dist.	-4542 Dec 19 j 05:17	19°♏38'58	0.63514 AU
morning rise	-4542 Dec 22 j 18:54	16°♏16'01	
direct	-4542 Dec 29 j 19:24	13°♏29'12	
morning max el	-4541 Jan 12 j 11:52	21°♏12'38	27°35'54
desc. node	-4541 Jan 14 j 17:25	23°♏31'13	
	-4541 Jan 20 j 04:56	0°♐	
	-4541 Feb 08 j 14:53	0°♑	
morning set	-4541 Feb 15 j 22:45	13°♑54'10	
max. Earth dist.	-4541 Feb 21 j 06:01	24°♑47'38	1.33337 AU
superior conj	-4541 Feb 23 j 16:18	29°♑57'23	0°-50'-50
minimum elong	-4541 Feb 23 j 18:28	0°♒09'03	0°50'38
	-4541 Feb 23 j 16:47	0°♒	
asc. node	-4541 Feb 28 j 18:56	10°♒56'04	
evening rise	-4541 Mar 02 j 20:36	15°♒19'13	
	-4541 Mar 10 j 06:49	0°♓	
evening max el	-4541 Mar 25 j 14:58	21°♓33'59	23°05'51
retrograde	-4541 Apr 07 j 23:44	28°♓08'41	
evening set	-4541 Apr 11 j 10:40	27°♓42'34	
desc. node	-4541 Apr 12 j 16:14	27°♓21'19	
min. Earth dist.	-4541 Apr 19 j 01:38	24°♓17'35	0.55707 AU
inferior conj	-4541 Apr 20 j 15:46	23°♓21'51	-2°-6'-43
minimum elong	-4541 Apr 20 j 10:39	23°♓29'21	2°05'13
morning rise	-4541 Apr 29 j 13:33	19°♓23'52	
direct	-4541 May 02 j 01:34	19°♓08'47	
morning max el	-4541 May 12 j 21:25	24°♓11'46	20°29'24
	-4541 May 17 j 23:47	0°♈	
asc. node	-4541 May 27 j 18:43	16°♈18'16	
morning set	-4541 May 31 j 13:54	23°♈52'09	
	-4541 Jun 03 j 13:33	0°♉	
superior conj	-4541 Jun 08 j 07:37	9°♉45'21	1°35'03
minimum elong	-4541 Jun 08 j 05:06	9°♉32'31	1°34'57
max. Earth dist.	-4541 Jun 13 j 01:20	19°♉10'44	1.36142 AU
evening rise	-4541 Jun 17 j 06:00	27°♉08'27	
	-4541 Jun 18 j 19:24	0°♊	
	-4541 Jul 07 j 07:15	0°♋	
desc. node	-4541 Jul 09 j 14:49	3°♋15'27	
evening max el	-4541 Jul 22 j 22:56	19°♋18'12	26°10'18
retrograde	-4541 Aug 04 j 13:08	26°♋29'15	
evening set	-4541 Aug 10 j 21:32	23°♋48'14	
min. Earth dist.	-4541 Aug 15 j 01:56	19°♋17'00	0.66329 AU
inferior conj	-4541 Aug 16 j 10:57	17°♋33'48	-2°-19'-6
minimum elong	-4541 Aug 16 j 13:59	17°♋24'18	2°17'50
morning rise	-4541 Aug 22 j 07:12	11°♋40'06	
asc. node	-4541 Aug 23 j 18:05	10°♋59'59	
direct	-4541 Aug 25 j 10:12	10°♋43'57	
morning max el	-4541 Sep 01 j 08:39	14°♋39'05	19°00'05
	-4541 Sep 12 j 15:44	0°♌	
morning set	-4541 Sep 23 j 08:30	16°♌48'40	
	-4541 Oct 01 j 17:02	0°♍	
desc. node	-4541 Oct 05 j 14:24	6°♍07'40	
max. Earth dist.	-4541 Oct 08 j 12:15	10°♍42'55	1.44722 AU
superior conj	-4541 Oct 09 j 17:48	12°♍39'33	0°-25'-56
minimum elong	-4541 Oct 09 j 14:28	12°♍26'22	0°25'26
	-4541 Oct 20 j 15:10	0°♎	

evening rise	-4541 Oct 25 j 05:47	7°♎27'00	
	-4541 Nov 08 j 09:31	0°♏	
evening max el	-4541 Nov 14 j 18:29	8°♏12'32	18°44'14
asc. node	-4541 Nov 19 j 16:52	11°♏41'52	
retrograde	-4541 Nov 21 j 12:18	11°♏59'58	
evening set	-4541 Nov 24 j 12:31	11°♏08'43	
inferior conj	-4541 Nov 30 j 10:25	5°♏25'51	3°08'13
minimum elong	-4541 Nov 30 j 07:12	5°♏35'34	3°07'16
min. Earth dist.	-4541 Dec 02 j 04:36	3°♏18'54	0.64971 AU
	-4541 Dec 05 j 06:14	30°℞♎	
morning rise	-4541 Dec 06 j 00:46	29°♎18'26	
direct	-4541 Dec 12 j 17:20	26°♎28'50	
	-4541 Dec 21 j 05:44	0°♏	
morning max el	-4541 Dec 25 j 21:18	4°♏04'58	26°59'47
desc. node	-4540 Jan 01 j 14:26	11°♏37'44	
	-4540 Jan 14 j 15:36	0°♐	
morning set	-4540 Jan 30 j 11:55	27°♐35'47	
	-4540 Jan 31 j 17:39	0°♑	
max. Earth dist.	-4540 Feb 04 j 02:06	6°♑40'38	1.34327 AU
superior conj	-4540 Feb 07 j 19:46	14°♑22'42	-1°-13'-26
minimum elong	-4540 Feb 07 j 22:39	14°♑37'46	1°13'14
evening rise	-4540 Feb 15 j 06:42	0°♒03'56	
	-4540 Feb 15 j 05:57	0°♒	
asc. node	-4540 Feb 15 j 15:58	0°♒51'56	
	-4540 Mar 04 j 03:10	0°♓	
evening max el	-4540 Mar 06 j 12:15	2°♓28'08	21°34'23
retrograde	-4540 Mar 18 j 14:48	8°♓16'51	
evening set	-4540 Mar 21 j 05:45	8°♓01'21	
desc. node	-4540 Mar 29 j 13:25	4°♓32'43	
inferior conj	-4540 Mar 30 j 12:30	4°♓00'19	0°-15'-56
minimum elong	-4540 Mar 30 j 11:45	4°♓01'22	0°15'48
transit middle	-4540 Mar 30 j 11:45	4°♓01'22	0°15'48
transit begin	-4540 Mar 30 j 11:37	4°♓01'34	
transit end	-4540 Mar 30 j 11:53	4°♓01'11	
min. Earth dist.	-4540 Mar 30 j 15:47	3°♓55'42	0.55190 AU
morning rise	-4540 Apr 08 j 17:56	29°♒57'27	
	-4540 Apr 08 j 13:10	30°℞♒	
direct	-4540 Apr 11 j 14:47	29°♒39'17	
	-4540 Apr 14 j 14:43	0°♓	
morning max el	-4540 Apr 24 j 01:11	5°♓35'12	21°55'29
	-4540 May 10 j 15:14	0°♈	
asc. node	-4540 May 13 j 15:42	6°♈00'35	
morning set	-4540 May 14 j 23:16	8°♈42'53	
superior conj	-4540 May 22 j 08:11	24°♈13'04	1°18'59
minimum elong	-4540 May 22 j 05:29	23°♈58'54	1°18'40
	-4540 May 25 j 03:07	0°♉	
max. Earth dist.	-4540 May 25 j 16:58	1°♉10'47	1.34729 AU
evening rise	-4540 May 30 j 11:32	10°♉39'46	
	-4540 Jun 10 j 05:50	0°♊	
desc. node	-4540 Jun 25 j 11:55	22°♊34'07	
	-4540 Jul 01 j 18:19	0°♋	
evening max el	-4540 Jul 04 j 10:24	2°♋44'07	27°00'01
retrograde	-4540 Jul 17 j 15:21	10°♋05'26	
evening set	-4540 Jul 24 j 11:38	7°♋18'23	
min. Earth dist.	-4540 Jul 28 j 08:31	3°♋25'55	0.65287 AU
inferior conj	-4540 Jul 30 j 06:51	1°♋11'48	-3°-4'-19
minimum elong	-4540 Jul 30 j 10:28	1°♋01'19	3°03'05
	-4540 Jul 31 j 07:54	30°℞♊	
morning rise	-4540 Aug 05 j 10:29	25°♊32'19	
direct	-4540 Aug 08 j 06:45	24°♊47'57	
asc. node	-4540 Aug 09 j 15:12	24°♊57'54	
morning max el	-4540 Aug 14 j 20:43	28°♊23'51	18°21'40
	-4540 Aug 16 j 07:59	0°♋	
morning set	-4540 Sep 02 j 23:27	27°♋05'48	
	-4540 Sep 04 j 17:53	0°♌	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4540 Sep 17 j 17:55	20°♌57'54	0°23'25
minimum elong	-4540 Sep 17 j 20:51	21°♌09'33	0°23'11
max. Earth dist.	-4540 Sep 20 j 06:32	24°♌57'48	1.44719 AU
desc. node	-4540 Sep 21 j 11:19	26°♌51'22	
	-4540 Sep 23 j 11:14	0°♍	
evening rise	-4540 Oct 04 j 08:45	17°♍04'45	
	-4540 Oct 12 j 15:29	0°♎	
greatest brilliancy	-4540 Oct 18 j 23:44	9°♎39'35	-0.7m
evening max el	-4540 Oct 28 j 03:11	21°♎38'51	19°28'14
retrograde	-4540 Nov 04 j 08:22	25°♎49'14	
asc. node	-4540 Nov 05 j 14:01	25°♎40'25	
evening set	-4540 Nov 07 j 15:53	24°♎45'12	
inferior conj	-4540 Nov 13 j 07:52	18°♎47'52	2°26'12
minimum elong	-4540 Nov 13 j 04:57	18°♎57'17	2°25'11
min. Earth dist.	-4540 Nov 14 j 12:29	17°♎15'38	0.66070 AU
morning rise	-4540 Nov 18 j 17:16	12°♎34'19	
direct	-4540 Nov 24 j 20:58	9°♎54'09	
morning max el	-4540 Dec 07 j 06:42	17°♎11'58	25°57'48
desc. node	-4540 Dec 18 j 11:23	0°♏35'03	
	-4540 Dec 18 j 00:57	0°♏	
	-4539 Jan 06 j 13:50	0°♐	
morning set	-4539 Jan 12 j 10:59	10°♐29'44	
max. Earth dist.	-4539 Jan 16 j 10:43	18°♐01'25	1.35759 AU
superior conj	-4539 Jan 21 j 16:01	28°♐21'01	-1°-32'-53
minimum elong	-4539 Jan 21 j 19:03	28°♐36'21	1°32'48
	-4539 Jan 22 j 11:33	0°♑	
evening rise	-4539 Jan 29 j 13:27	14°♑32'20	
asc. node	-4539 Feb 01 j 13:00	20°♑31'56	
	-4539 Feb 06 j 14:54	0°♒	
evening max el	-4539 Feb 16 j 18:48	13°♒51'39	20°15'17
retrograde	-4539 Feb 27 j 05:49	18°♒49'16	
evening set	-4539 Mar 01 j 14:05	18°♒35'24	
inferior conj	-4539 Mar 10 j 10:13	14°♒36'22	1°36'51
minimum elong	-4539 Mar 10 j 14:11	14°♒30'27	1°35'26
min. Earth dist.	-4539 Mar 12 j 05:45	13°♒31'37	0.55598 AU
desc. node	-4539 Mar 16 j 10:33	11°♒18'02	
morning rise	-4539 Mar 19 j 11:52	10°♒11'51	
direct	-4539 Mar 23 j 05:26	9°♒41'24	
morning max el	-4539 Apr 05 j 19:58	16°♒24'12	23°32'57
	-4539 Apr 16 j 15:18	0°♓	
morning set	-4539 Apr 29 j 10:58	23°♓43'23	
asc. node	-4539 Apr 30 j 12:39	25°♓58'29	
	-4539 May 02 j 10:01	0°♈	
superior conj	-4539 May 06 j 14:32	8°♈59'57	0°59'10
minimum elong	-4539 May 06 j 12:13	8°♈47'31	0°58'46
max. Earth dist.	-4539 May 08 j 18:26	13°♈36'21	1.33678 AU
evening rise	-4539 May 14 j 04:56	24°♈48'24	
	-4539 May 16 j 20:29	0°♉	
	-4539 Jun 03 j 18:16	0°♊	
desc. node	-4539 Jun 12 j 09:03	11°♊07'52	
evening max el	-4539 Jun 16 j 21:08	15°♊53'41	27°24'01
retrograde	-4539 Jun 30 j 11:55	23°♊18'17	
evening set	-4539 Jul 07 j 14:51	20°♊36'36	
min. Earth dist.	-4539 Jul 11 j 06:11	17°♊19'21	0.63859 AU
inferior conj	-4539 Jul 13 j 18:41	14°♊40'37	-3°-41'-56
minimum elong	-4539 Jul 13 j 22:09	14°♊31'28	3°41'03
morning rise	-4539 Jul 20 j 07:15	9°♊18'37	
direct	-4539 Jul 22 j 22:55	8°♊43'18	
asc. node	-4539 Jul 27 j 12:15	10°♊26'29	
morning max el	-4539 Jul 29 j 11:19	12°♊08'47	18°00'41
	-4539 Aug 10 j 16:03	0°♋	
morning set	-4539 Aug 15 j 16:31	8°♋37'48	
superior conj	-4539 Aug 28 j 10:43	0°♌08'16	1°05'27
minimum elong	-4539 Aug 28 j 16:36	0°♌32'22	1°04'59
	-4539 Aug 28 j 08:42	0°♌	
max. Earth dist.	-4539 Sep 02 j 23:14	9°♌04'19	1.44003 AU
desc. node	-4539 Sep 08 j 08:16	17°♌35'09	
evening rise	-4539 Sep 13 j 16:25	25°♌53'54	
	-4539 Sep 16 j 08:19	0°♍	
greatest brilliancy	-4539 Oct 04 j 21:29	27°♍20'56	-0.5m
	-4539 Oct 06 j 21:59	0°♎	
evening max el	-4539 Oct 11 j 06:37	5°♎04'54	20°27'06
retrograde	-4539 Oct 19 j 05:36	9°♎46'05	
evening set	-4539 Oct 22 j 22:35	8°♎26'40	
asc. node	-4539 Oct 23 j 11:08	8°♎02'36	
inferior conj	-4539 Oct 28 j 10:21	2°♎18'15	1°38'26
minimum elong	-4539 Oct 28 j 08:13	2°♎25'27	1°37'37
min. Earth dist.	-4539 Oct 29 j 02:59	1°♎22'11	0.66826 AU
	-4539 Oct 30 j 03:46	30°℞♍	
morning rise	-4539 Nov 02 j 17:21	26°♍01'09	
direct	-4539 Nov 08 j 06:00	23°♍38'03	
	-4539 Nov 19 j 05:24	0°♎	
morning max el	-4539 Nov 19 j 15:33	0°♎25'18	24°38'55
desc. node	-4539 Dec 05 j 08:18	20°♎08'31	
	-4539 Dec 11 j 23:51	0°♏	
morning set	-4539 Dec 25 j 14:28	22°♏20'45	
max. Earth dist.	-4539 Dec 29 j 09:43	29°♏09'05	1.37583 AU
	-4539 Dec 29 j 20:51	0°♐	
superior conj	-4538 Jan 05 j 01:47	11°♐42'54	-1°-47'-10
minimum elong	-4538 Jan 05 j 04:04	11°♐53'57	1°47'16
evening rise	-4538 Jan 13 j 14:39	28°♐37'54	
	-4538 Jan 14 j 07:12	0°♑	
asc. node	-4538 Jan 19 j 10:02	9°♑49'48	
evening max el	-4538 Jan 30 j 11:47	25°♑50'39	19°14'03
	-4538 Feb 07 j 03:25	0°♒	
retrograde	-4538 Feb 08 j 08:56	0°♒04'43	
	-4538 Feb 09 j 14:51	30°℞♑	
evening set	-4538 Feb 10 j 17:47	29°♑47'57	
inferior conj	-4538 Feb 18 j 21:50	25°♑36'50	3°02'29
minimum elong	-4538 Feb 19 j 02:48	25°♑28'24	3°01'09
min. Earth dist.	-4538 Feb 21 j 20:39	23°♑37'31	0.56831 AU
morning rise	-4538 Feb 27 j 08:05	20°♑42'22	
desc. node	-4538 Mar 03 j 07:40	19°♑47'39	
direct	-4538 Mar 04 j 07:03	19°♑45'25	
morning max el	-4538 Mar 18 j 10:59	27°♑00'05	25°09'57
	-4538 Mar 21 j 08:22	0°♒	
	-4538 Apr 09 j 15:41	0°♓	
morning set	-4538 Apr 13 j 23:14	8°♓46'34	
asc. node	-4538 Apr 17 j 09:36	16°♓06'11	
superior conj	-4538 Apr 21 j 00:23	23°♓57'41	0°36'46
minimum elong	-4538 Apr 20 j 22:49	23°♓49'13	0°36'24
max. Earth dist.	-4538 Apr 22 j 03:12	26°♓23'14	1.32986 AU
	-4538 Apr 23 j 19:25	0°♈	
evening rise	-4538 Apr 28 j 06:30	9°♈22'04	
	-4538 May 09 j 05:25	0°♉	
evening max el	-4538 May 30 j 04:47	28°♉33'17	27°17'06
desc. node	-4538 May 30 j 06:12	28°♉36'41	
	-4538 May 31 j 18:32	0°♊	
retrograde	-4538 Jun 13 j 02:14	5°♊57'24	
evening set	-4538 Jun 20 j 03:25	3°♊35'15	
min. Earth dist.	-4538 Jun 23 j 18:00	0°♊43'29	0.62077 AU
	-4538 Jun 24 j 13:05	30°℞♉	
inferior conj	-4538 Jun 26 j 19:22	27°♉52'25	-4°-7'-41
minimum elong	-4538 Jun 26 j 21:36	27°♉47'12	4°07'19
morning rise	-4538 Jul 03 j 18:23	22°♉50'38	
direct	-4538 Jul 06 j 07:17	22°♉22'14	
morning max el	-4538 Jul 13 j 01:41	25°♉46'43	17°57'58
asc. node	-4538 Jul 14 j 09:16	27°♉10'02	
	-4538 Jul 16 j 15:40	0°♊	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4538 Jul 29 j 06:38	21°♊09'47	
	-4538 Aug 03 j 04:36	0°♋	
superior conj	-4538 Aug 09 j 06:38	10°♋39'22	1°33'22
minimum elong	-4538 Aug 09 j 11:15	10°♋59'09	1°33'13
max. Earth dist.	-4538 Aug 16 j 10:56	22°♋42'05	1.42670 AU
	-4538 Aug 20 j 23:16	0°♌	
evening rise	-4538 Aug 23 j 21:35	4°♌38'14	
desc. node	-4538 Aug 26 j 05:15	8°♌15'30	
	-4538 Sep 09 j 18:08	0°♍	
greatest brilliancy	-4538 Sep 19 j 04:03	12°♍46'33	-0.4m
evening max el	-4538 Sep 24 j 03:47	18°♍29'58	21°38'09
retrograde	-4538 Oct 03 j 01:59	23°♍47'56	
evening set	-4538 Oct 07 j 06:38	22°♍10'40	
asc. node	-4538 Oct 10 j 08:15	19°♍00'11	
inferior conj	-4538 Oct 12 j 15:49	15°♍54'50	0°47'08
minimum elong	-4538 Oct 12 j 14:45	15°♍58'33	0°46'44
min. Earth dist.	-4538 Oct 12 j 21:43	15°♍34'32	0.67262 AU
morning rise	-4538 Oct 17 j 22:34	9°♍37'05	
direct	-4538 Oct 22 j 19:54	7°♍34'42	
morning max el	-4538 Nov 02 j 01:18	13°♍41'17	23°12'56
greatest brilliancy	-4538 Nov 07 j 06:48	19°♍35'14	-0.3m
	-4538 Nov 15 j 04:35	0°♎	
desc. node	-4538 Nov 22 j 05:14	10°♎07'54	
	-4538 Dec 04 j 22:15	0°♏	
morning set	-4538 Dec 06 j 16:19	2°♏53'59	
max. Earth dist.	-4538 Dec 11 j 05:30	10°♏37'31	1.39630 AU
superior conj	-4538 Dec 18 j 20:49	24°♏17'28	-1°-53'-36
minimum elong	-4538 Dec 18 j 21:05	24°♏18'39	1°53'47
	-4538 Dec 21 j 22:12	0°♐	
evening rise	-4538 Dec 28 j 07:44	12°♐14'10	
asc. node	-4537 Jan 06 j 07:05	28°♐38'12	
	-4537 Jan 07 j 03:22	0°♑	
evening max el	-4537 Jan 13 j 13:51	8°♑22'02	18°32'40
retrograde	-4537 Jan 21 j 05:58	12°♑06'44	
evening set	-4537 Jan 23 j 17:21	11°♑44'41	
inferior conj	-4537 Jan 31 j 05:23	7°♑14'05	3°50'13
minimum elong	-4537 Jan 31 j 08:10	7°♑08'37	3°49'40
min. Earth dist.	-4537 Feb 03 j 14:23	4°♑35'50	0.58620 AU
morning rise	-4537 Feb 07 j 19:26	1°♑53'50	
direct	-4537 Feb 13 j 22:05	0°♑18'56	
desc. node	-4537 Feb 18 j 04:45	1°♑04'10	
morning max el	-4537 Feb 28 j 04:09	7°♑50'21	26°31'24
	-4537 Mar 16 j 19:34	0°♒	
morning set	-4537 Mar 29 j 10:22	23°♒46'06	
	-4537 Apr 01 j 08:46	0°♓	
asc. node	-4537 Apr 04 j 06:35	6°♓19'15	
superior conj	-4537 Apr 05 j 11:56	8°♓59'46	0°12'43
minimum elong	-4537 Apr 05 j 11:23	8°♓56'43	0°12'31
behind sun begin	-4537 Apr 05 j 08:19	8°♓39'59	
behind sun end	-4537 Apr 05 j 14:26	9°♓13'27	
max. Earth dist.	-4537 Apr 05 j 15:59	9°♓21'53	1.32639 AU
evening rise	-4537 Apr 12 j 13:32	24°♓11'33	
	-4537 Apr 15 j 09:49	0°♈	
	-4537 May 03 j 05:27	0°♉	
evening max el	-4537 May 12 j 07:22	10°♉34'14	26°37'27
desc. node	-4537 May 17 j 03:20	14°♉33'43	
retrograde	-4537 May 26 j 09:02	17°♉54'39	
evening set	-4537 Jun 01 j 21:13	16°♉05'17	
min. Earth dist.	-4537 Jun 05 j 20:43	13°♉23'34	0.60071 AU
inferior conj	-4537 Jun 09 j 05:27	10°♉39'12	-4°-15'-4
minimum elong	-4537 Jun 09 j 05:04	10°♉39'59	4°14'57
morning rise	-4537 Jun 16 j 16:22	5°♉59'02	
direct	-4537 Jun 19 j 03:55	5°♉35'57	
morning max el	-4537 Jun 26 j 12:59	9°♉10'22	18°14'24
asc. node	-4537 Jul 01 j 06:17	14°♉53'22	
	-4537 Jul 10 j 03:15	0°♊	
morning set	-4537 Jul 12 j 12:33	4°♊28'41	
superior conj	-4537 Jul 22 j 04:28	22°♊27'45	1°46'58
minimum elong	-4537 Jul 22 j 06:17	22°♊35'58	1°47'08
	-4537 Jul 26 j 10:07	0°♋	
max. Earth dist.	-4537 Jul 29 j 16:46	5°♋39'12	1.40915 AU
evening rise	-4537 Aug 03 j 19:46	14°♋11'35	
desc. node	-4537 Aug 13 j 02:15	28°♋48'34	
	-4537 Aug 13 j 21:03	0°♌	
greatest brilliancy	-4537 Sep 01 j 17:28	26°♌13'58	-0.3m
	-4537 Sep 04 j 23:33	0°♍	
evening max el	-4537 Sep 06 j 19:17	1°♍55'05	22°57'06
retrograde	-4537 Sep 16 j 19:56	7°♍51'44	
evening set	-4537 Sep 21 j 14:14	5°♍54'54	
inferior conj	-4537 Sep 26 j 22:24	29°♌35'14	0°-5'-56
minimum elong	-4537 Sep 26 j 22:32	29°♌34'47	0°05'47
transit middle	-4537 Sep 26 j 22:32	29°♌34'47	0°05'47
transit begin	-4537 Sep 26 j 20:00	29°♌43'29	
transit end	-4537 Sep 27 j 01:03	29°♌26'04	
	-4537 Sep 26 j 15:13	30°℞♌	
min. Earth dist.	-4537 Sep 26 j 18:05	29°♌50'06	0.67403 AU
asc. node	-4537 Sep 27 j 05:22	29°♌11'12	
morning rise	-4537 Oct 02 j 06:47	23°♌20'05	
direct	-4537 Oct 06 j 13:51	21°♌38'57	
morning max el	-4537 Oct 15 j 14:57	27°♌01'19	21°48'38
	-4537 Oct 18 j 08:17	0°♍	
greatest brilliancy	-4537 Oct 20 j 13:55	2°♍41'36	-0.4m
	-4537 Nov 08 j 19:33	0°♎	
desc. node	-4537 Nov 09 j 02:09	0°♎25'09	
morning set	-4537 Nov 16 j 13:33	12°♎04'22	
max. Earth dist.	-4537 Nov 23 j 05:36	22°♎54'37	1.41634 AU
	-4537 Nov 27 j 10:38	0°♏	
superior conj	-4537 Nov 30 j 19:43	5°♏50'25	-1°-48'-44
minimum elong	-4537 Nov 30 j 16:40	5°♏37'07	1°48'43
evening rise	-4537 Dec 11 j 13:19	25°♏13'03	
	-4537 Dec 14 j 03:47	0°♐	
asc. node	-4537 Dec 24 j 04:11	16°♐47'12	
evening max el	-4537 Dec 27 j 22:20	21°♐17'12	18°11'16
retrograde	-4536 Jan 03 j 20:20	24°♐47'30	
evening set	-4536 Jan 06 j 10:17	24°♐18'54	
inferior conj	-4536 Jan 13 j 08:32	19°♐26'07	4°04'41
minimum elong	-4536 Jan 13 j 08:27	19°♐26'20	4°04'28
min. Earth dist.	-4536 Jan 16 j 13:28	16°♐32'12	0.60623 AU
morning rise	-4536 Jan 20 j 03:56	13°♐47'20	
direct	-4536 Jan 27 j 00:07	11°♐35'12	
desc. node	-4536 Feb 05 j 01:49	14°♐58'39	
morning max el	-4536 Feb 10 j 03:00	19°♐14'15	27°24'25
	-4536 Feb 19 j 07:17	0°♑	
	-4536 Mar 08 j 11:51	0°♒	
morning set	-4536 Mar 12 j 18:33	8°♒34'39	
max. Earth dist.	-4536 Mar 19 j 05:06	22°♒18'59	1.32627 AU
superior conj	-4536 Mar 19 j 23:30	23°♒59'22	0°-12'-9
minimum elong	-4536 Mar 20 j 00:02	24°♒02'22	0°12'11
behind sun begin	-4536 Mar 19 j 20:49	23°♒44'45	
behind sun end	-4536 Mar 20 j 03:16	24°♒19'58	
asc. node	-4536 Mar 21 j 03:35	26°♒32'52	
	-4536 Mar 22 j 17:33	0°♓	
evening rise	-4536 Mar 26 j 23:47	9°♓08'20	
	-4536 Apr 06 j 21:12	0°♈	
evening max el	-4536 Apr 23 j 03:54	21°♈54'22	25°28'33
desc. node	-4536 May 03 j 00:29	28°♈24'12	
retrograde	-4536 May 07 j 05:53	29°♈06'15	
evening set	-4536 May 12 j 17:33	27°♈55'20	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4536 May 17 j 16:24	25°♈07'12	0.58068 AU
inferior conj	-4536 May 20 j 21:22	22°♈51'41	-3°-54'-56
minimum elong	-4536 May 20 j 17:36	22°♈58'24	3°54'21
morning rise	-4536 May 28 j 21:41	18°♈32'40	
direct	-4536 May 31 j 08:39	18°♈13'47	
morning max el	-4536 Jun 08 j 18:21	22°♈10'57	18°50'54
	-4536 Jun 15 j 00:39	0°♉	
asc. node	-4536 Jun 17 j 03:20	3°♉23'11	
morning set	-4536 Jun 25 j 06:03	18°♉24'17	
	-4536 Jul 01 j 04:21	0°♊	
superior conj	-4536 Jul 03 j 22:52	5°♊19'22	1°48'53
minimum elong	-4536 Jul 03 j 22:16	5°♊16'30	1°49'05
max. Earth dist.	-4536 Jul 10 j 18:58	17°♊56'11	1.38979 AU
evening rise	-4536 Jul 14 j 20:05	25°♊01'10	
	-4536 Jul 17 j 18:46	0°♋	
desc. node	-4536 Jul 29 j 23:16	19°♋10'06	
	-4536 Aug 06 j 13:47	0°♌	
evening max el	-4536 Aug 19 j 07:09	15°♌22'45	24°17'47
retrograde	-4536 Aug 30 j 10:18	21°♌54'49	
evening set	-4536 Sep 04 j 19:36	19°♌38'15	
min. Earth dist.	-4536 Sep 09 j 13:39	14°♌07'51	0.67247 AU
inferior conj	-4536 Sep 10 j 04:23	13°♌18'10	0°-59'-8
minimum elong	-4536 Sep 10 j 05:45	13°♌13'33	0°58'25
asc. node	-4536 Sep 13 j 02:30	9°♌34'34	
morning rise	-4536 Sep 15 j 16:08	7°♌08'55	
direct	-4536 Sep 19 j 10:36	5°♌47'33	
morning max el	-4536 Sep 27 j 11:17	10°♌29'29	20°32'47
greatest brilliancy	-4536 Oct 03 j 19:47	18°♌07'37	-0.5m
	-4536 Oct 12 j 04:36	0°♍	
morning set	-4536 Oct 25 j 14:33	20°♍21'53	
desc. node	-4536 Oct 25 j 23:05	20°♍55'03	
	-4536 Oct 31 j 17:57	0°♎	
max. Earth dist.	-4536 Nov 04 j 13:31	6°♎06'04	1.43301 AU
superior conj	-4536 Nov 10 j 16:57	16°♎08'59	-1°-28'-56
minimum elong	-4536 Nov 10 j 10:41	15°♎42'59	1°28'27
	-4536 Nov 18 j 20:53	0°♏	
evening rise	-4536 Nov 23 j 03:23	7°♏26'44	
	-4536 Dec 06 j 17:29	0°♐	
asc. node	-4536 Dec 10 j 01:17	4°♐05'14	
evening max el	-4536 Dec 10 j 10:20	4°♐28'32	18°09'25
retrograde	-4536 Dec 17 j 00:17	7°♐57'29	
evening set	-4536 Dec 19 j 17:08	7°♐21'21	
inferior conj	-4536 Dec 26 j 04:09	2°♐06'58	3°54'55
minimum elong	-4536 Dec 26 j 02:01	2°♐12'30	3°54'28
	-4536 Dec 28 j 05:09	30°℞♏	
min. Earth dist.	-4536 Dec 28 j 21:05	29°♏19'48	0.62537 AU
morning rise	-4535 Jan 01 j 09:00	26°♏14'28	
direct	-4535 Jan 08 j 10:45	23°♏36'18	
	-4535 Jan 20 j 22:41	0°♐	
desc. node	-4535 Jan 21 j 22:54	0°♐56'55	
morning max el	-4535 Jan 22 j 07:53	1°♐18'46	27°42'03
	-4535 Feb 12 j 10:25	0°♑	
morning set	-4535 Feb 24 j 21:38	23°♑04'50	
	-4535 Feb 28 j 06:04	0°♒	
max. Earth dist.	-4535 Mar 02 j 14:46	5°♒01'03	1.32971 AU
superior conj	-4535 Mar 04 j 09:24	8°♒50'39	0°-36'-57
minimum elong	-4535 Mar 04 j 11:02	8°♒59'27	0°36'49
asc. node	-4535 Mar 08 j 00:35	16°♒42'59	
evening rise	-4535 Mar 11 j 11:23	24°♒05'31	
	-4535 Mar 14 j 08:04	0°♓	
	-4535 Apr 02 j 04:43	0°♈	
evening max el	-4535 Apr 04 j 20:11	2°♈44'02	24°00'01
retrograde	-4535 Apr 18 j 14:36	9°♈37'09	
desc. node	-4535 Apr 19 j 21:39	9°♈33'22	
evening set	-4535 Apr 22 j 18:57	8°♈58'25	
min. Earth dist.	-4535 Apr 29 j 07:52	5°♈50'27	0.56390 AU
inferior conj	-4535 May 01 j 17:07	4°♈22'12	-2°-57'-40
minimum elong	-4535 May 01 j 11:21	4°♈31'09	2°56'13
morning rise	-4535 May 10 j 07:35	0°♈19'58	
direct	-4535 May 12 j 18:39	0°♈04'07	
morning max el	-4535 May 22 j 15:02	4°♈38'42	19°47'53
asc. node	-4535 Jun 04 j 00:22	22°♈27'46	
	-4535 Jun 07 j 22:16	0°♉	
morning set	-4535 Jun 09 j 07:42	2°♉47'00	
superior conj	-4535 Jun 17 j 08:18	18°♉58'10	1°42'02
minimum elong	-4535 Jun 17 j 06:13	18°♉47'49	1°42'03
max. Earth dist.	-4535 Jun 22 j 22:06	29°♉46'12	1.37104 AU
	-4535 Jun 23 j 01:02	0°♊	
evening rise	-4535 Jun 26 j 21:06	7°♊04'12	
	-4535 Jul 10 j 14:52	0°♋	
desc. node	-4535 Jul 16 j 20:19	9°♋13'55	
evening max el	-4535 Aug 01 j 17:43	28°♋52'42	25°32'48
	-4535 Aug 02 j 21:53	0°♌	
retrograde	-4535 Aug 13 j 20:24	5°♌52'28	
evening set	-4535 Aug 19 j 20:51	3°♌18'34	
	-4535 Aug 22 j 23:49	30°℞♋	
min. Earth dist.	-4535 Aug 24 j 05:57	28°♋25'26	0.66768 AU
inferior conj	-4535 Aug 25 j 08:01	27°♋01'13	-1°-50'-48
minimum elong	-4535 Aug 25 j 10:31	26°♋53'08	1°49'39
asc. node	-4535 Aug 30 j 23:39	21°♋02'55	
morning rise	-4535 Aug 31 j 00:44	21°♋01'10	
direct	-4535 Sep 03 j 08:44	19°♋56'48	
morning max el	-4535 Sep 10 j 14:53	24°♋06'18	19°29'37
	-4535 Sep 15 j 12:55	0°♌	
greatest brilliancy	-4535 Sep 19 j 20:01	6°♌02'56	-0.7m
morning set	-4535 Oct 04 j 16:44	28°♌49'34	
	-4535 Oct 05 j 10:48	0°♍	
desc. node	-4535 Oct 12 j 20:00	11°♍32'53	
max. Earth dist.	-4535 Oct 18 j 03:47	19°♍56'39	1.44400 AU
superior conj	-4535 Oct 21 j 10:49	25°♍10'58	0°-52'-42
minimum elong	-4535 Oct 21 j 04:49	24°♍47'00	0°51'58
	-4535 Oct 24 j 10:52	0°♎	
evening rise	-4535 Nov 04 j 21:09	18°♎45'09	
	-4535 Nov 11 j 15:08	0°♏	
evening max el	-4535 Nov 23 j 22:59	17°♏49'13	18°26'23
asc. node	-4535 Nov 26 j 22:24	20°♏17'58	
retrograde	-4535 Nov 30 j 13:23	21°♏27'36	
evening set	-4535 Dec 03 j 10:21	20°♏42'29	
inferior conj	-4535 Dec 09 j 12:26	15°♏08'59	3°28'39
minimum elong	-4535 Dec 09 j 09:21	15°♏17'52	3°27'51
min. Earth dist.	-4535 Dec 11 j 14:51	12°♏44'31	0.64175 AU
morning rise	-4535 Dec 15 j 06:59	9°♏06'01	
direct	-4535 Dec 22 j 04:41	6°♏16'38	
morning max el	-4534 Jan 04 j 16:42	13°♏58'00	27°24'19
desc. node	-4534 Jan 08 j 19:56	18°♏24'40	
	-4534 Jan 17 j 18:41	0°♐	
	-4534 Feb 04 j 23:44	0°♑	
morning set	-4534 Feb 08 j 16:55	7°♑07'57	
max. Earth dist.	-4534 Feb 13 j 17:03	17°♑15'46	1.33705 AU
superior conj	-4534 Feb 16 j 15:51	23°♑27'41	-1°00'-42
minimum elong	-4534 Feb 16 j 18:22	23°♑41'06	1°00'30
	-4534 Feb 19 j 17:24	0°♒	
asc. node	-4534 Feb 22 j 21:35	6°♒45'38	
evening rise	-4534 Feb 23 j 22:34	8°♒56'58	
	-4534 Mar 07 j 02:45	0°♓	
evening max el	-4534 Mar 17 j 13:45	13°♓28'52	22°25'54
retrograde	-4534 Mar 30 j 11:27	19°♓46'17	
evening set	-4534 Apr 02 j 12:13	19°♓26'03	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4534 Apr 06 j 18:49	17°♓56'37	
min. Earth dist.	-4534 Apr 10 j 22:07	15°♓45'46	0.55372 AU
inferior conj	-4534 Apr 11 j 19:40	15°♓15'07	-1°-22'-6
minimum elong	-4534 Apr 11 j 16:01	15°♓20'18	1°20'59
morning rise	-4534 Apr 20 j 21:51	11°♓17'41	
direct	-4534 Apr 23 j 12:14	11°♓02'11	
morning max el	-4534 May 05 j 01:15	16°♓27'07	21°04'15
	-4534 May 15 j 09:00	0°♈	
asc. node	-4534 May 21 j 21:22	11°♈58'37	
morning set	-4534 May 24 j 14:52	17°♈29'39	
	-4534 May 30 j 15:18	0°♉	
superior conj	-4534 Jun 01 j 04:22	3°♉11'36	1°28'47
minimum elong	-4534 Jun 01 j 01:41	2°♉57'47	1°28'35
max. Earth dist.	-4534 Jun 05 j 07:53	11°♉35'07	1.35491 AU
evening rise	-4534 Jun 09 j 17:46	20°♉07'53	
	-4534 Jun 15 j 03:38	0°♊	
desc. node	-4534 Jul 03 j 17:23	28°♊52'10	
	-4534 Jul 04 j 13:44	0°♋	
evening max el	-4534 Jul 15 j 04:38	12°♋21'47	26°34'02
retrograde	-4534 Jul 28 j 01:47	19°♋38'52	
evening set	-4534 Aug 03 j 15:47	16°♋53'43	
min. Earth dist.	-4534 Aug 07 j 16:43	12°♋39'22	0.65936 AU
inferior conj	-4534 Aug 09 j 07:21	10°♋42'10	-2°-39'-1
minimum elong	-4534 Aug 09 j 10:42	10°♋32'00	2°37'43
morning rise	-4534 Aug 15 j 06:36	4°♋54'23	
asc. node	-4534 Aug 17 j 20:47	4°♋04'41	
direct	-4534 Aug 18 j 06:23	4°♋03'47	
morning max el	-4534 Aug 25 j 00:30	7°♋49'41	18°41'41
	-4534 Sep 09 j 11:09	0°♌	
morning set	-4534 Sep 14 j 15:55	8°♌20'57	
	-4534 Sep 28 j 06:33	0°♍	
desc. node	-4534 Sep 29 j 16:53	2°♍15'25	
superior conj	-4534 Sep 30 j 11:21	3°♍28'10	0°-4'-52
minimum elong	-4534 Sep 30 j 10:44	3°♍25'43	0°04'41
behind sun begin	-4534 Sep 29 j 23:42	2°♍42'17	
behind sun end	-4534 Sep 30 j 21:45	4°♍09'09	
max. Earth dist.	-4534 Sep 30 j 21:09	4°♍06'48	1.44809 AU
evening rise	-4534 Oct 16 j 14:31	28°♍59'52	
	-4534 Oct 17 j 05:36	0°♎	
	-4534 Nov 06 j 06:23	0°♏	
evening max el	-4534 Nov 07 j 09:45	1°♏14'23	19°00'59
asc. node	-4534 Nov 13 j 19:32	5°♏09'32	
retrograde	-4534 Nov 14 j 07:47	5°♏11'01	
evening set	-4534 Nov 17 j 10:44	4°♏14'47	
	-4534 Nov 21 j 23:01	30°℞♎	
inferior conj	-4534 Nov 23 j 05:55	28°♎25'18	2°51'17
minimum elong	-4534 Nov 23 j 02:45	28°♎35'09	2°50'16
min. Earth dist.	-4534 Nov 24 j 18:09	26°♎32'32	0.65476 AU
morning rise	-4534 Nov 28 j 17:46	22°♎14'39	
direct	-4534 Dec 05 j 05:10	19°♎27'46	
morning max el	-4534 Dec 18 j 02:29	26°♎58'35	26°36'06
	-4534 Dec 20 j 23:11	0°♏	
desc. node	-4534 Dec 26 j 16:54	6°♏54'57	
	-4533 Jan 11 j 09:30	0°♐	
morning set	-4533 Jan 23 j 00:41	20°♐31'16	
max. Earth dist.	-4533 Jan 27 j 08:16	28°♐53'49	1.34876 AU
	-4533 Jan 27 j 21:33	0°♑	
superior conj	-4533 Jan 31 j 16:33	7°♑42'22	-1°-22'-11
minimum elong	-4533 Jan 31 j 19:35	7°♑58'00	1°22'02
evening rise	-4533 Feb 08 j 07:27	23°♑35'17	
asc. node	-4533 Feb 09 j 18:35	26°♑35'18	
	-4533 Feb 11 j 11:21	0°♒	
evening max el	-4533 Feb 27 j 14:35	24°♒33'53	20°58'50
	-4533 Mar 10 j 09:21	0°♓	
retrograde	-4533 Mar 11 j 01:17	0°♓01'04	
	-4533 Mar 11 j 17:19	30°℞♒	
evening set	-4533 Mar 13 j 11:40	29°♒47'12	
inferior conj	-4533 Mar 22 j 15:05	25°♒49'08	0°33'39
minimum elong	-4533 Mar 22 j 16:36	25°♒46'57	0°32'59
min. Earth dist.	-4533 Mar 23 j 12:27	25°♒18'36	0.55246 AU
desc. node	-4533 Mar 24 j 15:59	24°♒39'48	
morning rise	-4533 Mar 31 j 20:26	21°♒38'27	
direct	-4533 Apr 04 j 00:17	21°♒16'39	
morning max el	-4533 Apr 17 j 00:53	27°♒34'41	22°36'08
	-4533 Apr 19 j 09:51	0°♓	
	-4533 May 07 j 21:24	0°♈	
asc. node	-4533 May 08 j 18:19	1°♈47'56	
morning set	-4533 May 09 j 01:24	2°♈24'48	
superior conj	-4533 May 16 j 07:41	17°♈48'19	1°10'57
minimum elong	-4533 May 16 j 05:05	17°♈34'34	1°10'37
max. Earth dist.	-4533 May 19 j 03:28	23°♈43'38	1.34233 AU
	-4533 May 22 j 05:11	0°♉	
evening rise	-4533 May 24 j 04:50	3°♉56'24	
	-4533 Jun 07 j 22:25	0°♊	
desc. node	-4533 Jun 20 j 14:30	17°♊53'33	
evening max el	-4533 Jun 27 j 15:53	25°♊41'39	27°13'45
	-4533 Jul 02 j 19:41	0°♋	
retrograde	-4533 Jul 11 j 01:54	3°♋05'56	
evening set	-4533 Jul 18 j 01:41	0°♋19'31	
	-4533 Jul 18 j 11:14	30°℞♊	
min. Earth dist.	-4533 Jul 21 j 19:47	26°♊42'41	0.64719 AU
inferior conj	-4533 Jul 24 j 00:08	24°♊16'50	-3°-21'-27
minimum elong	-4533 Jul 24 j 03:48	24°♊06'35	3°20'20
morning rise	-4533 Jul 30 j 07:24	18°♊44'24	
direct	-4533 Aug 02 j 01:20	18°♊04'20	
asc. node	-4533 Aug 04 j 17:51	18°♊42'20	
morning max el	-4533 Aug 08 j 13:57	21°♊35'07	18°10'32
	-4533 Aug 15 j 01:22	0°♋	
morning set	-4533 Aug 26 j 18:27	19°♋11'16	
	-4533 Sep 02 j 06:26	0°♌	
superior conj	-4533 Sep 09 j 16:25	12°♌03'05	0°42'43
minimum elong	-4533 Sep 09 j 21:13	12°♌22'20	0°42'18
max. Earth dist.	-4533 Sep 13 j 14:35	18°♌18'30	1.44493 AU
desc. node	-4533 Sep 16 j 13:49	22°♌59'49	
	-4533 Sep 21 j 01:03	0°♍	
evening rise	-4533 Sep 26 j 07:53	8°♍13'25	
	-4533 Oct 10 j 13:37	0°♎	
greatest brilliancy	-4533 Oct 14 j 00:01	4°♎59'16	-0.6m
evening max el	-4533 Oct 21 j 16:26	14°♎41'22	19°51'38
retrograde	-4533 Oct 29 j 04:35	19°♎04'05	
asc. node	-4533 Oct 31 j 16:40	18°♎27'39	
evening set	-4533 Nov 01 j 15:47	17°♎54'01	
inferior conj	-4533 Nov 07 j 05:48	11°♎51'46	2°06'33
minimum elong	-4533 Nov 07 j 03:10	12°♎00'27	2°05'34
min. Earth dist.	-4533 Nov 08 j 05:14	10°♎34'33	0.66431 AU
morning rise	-4533 Nov 12 j 13:52	5°♎36'17	
direct	-4533 Nov 18 j 11:24	3°♎02'20	
morning max el	-4533 Nov 30 j 11:28	10°♎09'01	25°25'39
desc. node	-4533 Dec 13 j 13:51	26°♎09'35	
	-4533 Dec 16 j 07:05	0°♏	
	-4532 Jan 03 j 23:47	0°♐	
morning set	-4532 Jan 05 j 16:09	3°♐00'49	
max. Earth dist.	-4532 Jan 09 j 11:51	10°♐03'53	1.36492 AU
superior conj	-4532 Jan 15 j 08:47	21°♐26'47	-1°-39'-44
minimum elong	-4532 Jan 15 j 11:38	21°♐40'56	1°39'43
	-4532 Jan 19 j 14:41	0°♑	
evening rise	-4532 Jan 23 j 12:07	7°♑54'41	
asc. node	-4532 Jan 27 j 15:36	16°♑06'39	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4532 Feb	04 j 20:06	0°♒		asc. node	-4531 Jan	13 j 12:39	5°♑12'58	
evening max el	-4532 Feb	10 j 01:44	6°♒13'02	19°46'56	evening max el	-4531 Jan	22 j 22:53	18°♑26'40	18°53'56
retrograde	-4532 Feb	19 j 19:43	10°♒50'03		retrograde	-4531 Jan	31 j 06:05	22°♑26'02	
evening set	-4532 Feb	22 j 03:49	10°♒35'21		evening set	-4531 Feb	02 j 16:10	22°♑07'04	
inferior conj	-4532 Mar	01 j 17:27	6°♒32'56	2°17'35	inferior conj	-4531 Feb	10 j 13:10	17°♑48'03	3°27'19
minimum elong	-4532 Mar	01 j 22:22	6°♒25'15	2°16'00	minimum elong	-4531 Feb	10 j 17:27	17°♑40'19	3°26'19
min. Earth dist.	-4532 Mar	04 j 02:52	5°♒03'29	0.56040 AU	min. Earth dist.	-4531 Feb	13 j 18:20	15°♑29'55	0.57552 AU
morning rise	-4532 Mar	10 j 13:37	1°♒55'41		morning rise	-4531 Feb	18 j 15:02	12°♑42'10	
desc. node	-4532 Mar	10 j 13:06	1°♒56'05		direct	-4531 Feb	24 j 02:50	11°♑29'53	
direct	-4532 Mar	14 j 19:28	1°♒15'30		desc. node	-4531 Feb	25 j 10:11	11°♑34'01	
morning max el	-4532 Mar	28 j 17:10	8°♒14'16	24°14'59	morning max el	-4531 Mar	10 j 08:15	18°♑52'18	25°47'23
	-4532 Apr	13 j 14:06	0°♓			-4531 Mar	19 j 16:32	0°♒	
morning set	-4532 Apr	22 j 13:31	17°♓26'40			-4531 Apr	05 j 20:49	0°♓	
asc. node	-4532 Apr	24 j 15:15	21°♓50'14		morning set	-4531 Apr	07 j 01:32	2°♓29'23	
	-4532 Apr	28 j 10:04	0°♈		asc. node	-4531 Apr	11 j 12:13	12°♓00'51	
superior conj	-4532 Apr	29 j 15:44	2°♈40'17	0°49'55	superior conj	-4531 Apr	14 j 02:32	17°♓40'46	0°26'42
minimum elong	-4532 Apr	29 j 13:42	2°♈29'19	0°49'32	minimum elong	-4531 Apr	14 j 01:23	17°♓34'29	0°26'25
max. Earth dist.	-4532 May	01 j 08:21	6°♈18'35	1.33346 AU	max. Earth dist.	-4531 Apr	14 j 19:31	19°♓13'22	1.32802 AU
evening rise	-4532 May	07 j 02:05	18°♈16'54			-4531 Apr	19 j 19:59	0°♈	
	-4532 May	13 j 03:29	0°♉		evening rise	-4531 Apr	21 j 06:20	2°♈58'49	
	-4532 Jun	01 j 08:07	0°♊			-4531 May	06 j 00:15	0°♉	
desc. node	-4532 Jun	06 j 11:39	6°♊02'17		evening max el	-4531 May	22 j 07:45	21°♉05'29	27°04'13
evening max el	-4532 Jun	09 j 01:48	8°♊40'22	27°25'10	desc. node	-4531 May	24 j 08:46	22°♉56'24	
retrograde	-4532 Jun	22 j 19:55	16°♊04'48		retrograde	-4531 Jun	05 j 06:56	28°♉27'27	
evening set	-4532 Jun	29 j 23:08	13°♊30'03		evening set	-4531 Jun	12 j 04:12	26°♉18'03	
min. Earth dist.	-4532 Jul	03 j 13:28	10°♊24'51	0.63134 AU	min. Earth dist.	-4531 Jun	15 j 21:13	23°♉32'42	0.61243 AU
inferior conj	-4532 Jul	06 j 07:38	7°♊39'14	-3°-54'-41	inferior conj	-4531 Jun	19 j 02:37	20°♉42'12	-4°-13'-36
minimum elong	-4532 Jul	06 j 10:44	7°♊31'26	3°54'01	minimum elong	-4531 Jun	19 j 03:54	20°♉39'22	4°13'24
morning rise	-4532 Jul	13 j 00:25	2°♊25'14		morning rise	-4531 Jun	26 j 06:29	15°♉49'19	
direct	-4532 Jul	15 j 14:42	1°♊53'03		direct	-4531 Jun	28 j 18:49	15°♉23'11	
asc. node	-4532 Jul	21 j 14:53	4°♊44'16		morning max el	-4531 Jul	05 j 18:07	18°♉50'13	18°02'35
morning max el	-4532 Jul	22 j 04:42	5°♊17'10	17°57'13	asc. node	-4531 Jul	08 j 11:56	21°♉55'24	
	-4532 Aug	07 j 05:08	0°♋			-4531 Jul	13 j 21:34	0°♊	
morning set	-4532 Aug	07 j 21:11	1°♋10'33		morning set	-4531 Jul	21 j 18:40	14°♊04'42	
						-4531 Jul	30 j 12:52	0°♋	
superior conj	-4532 Aug	19 j 20:13	21°♋45'53	1°19'09					
minimum elong	-4532 Aug	20 j 01:56	22°♋09'45	1°18'48	superior conj	-4531 Aug	01 j 03:45	2°♋51'40	1°40'46
	-4532 Aug	24 j 20:11	0°♌		minimum elong	-4531 Aug	01 j 07:12	3°♋06'50	1°40'47
max. Earth dist.	-4532 Aug	26 j 05:29	2°♌14'53	1.43500 AU	max. Earth dist.	-4531 Aug	08 j 15:22	15°♋39'08	1.41965 AU
desc. node	-4532 Sep	02 j 10:47	13°♌42'34		evening rise	-4531 Aug	14 j 22:28	25°♋53'57	
evening rise	-4532 Sep	04 j 11:54	16°♌53'43			-4531 Aug	17 j 12:44	0°♌	
	-4532 Sep	13 j 01:54	0°♍		desc. node	-4531 Aug	20 j 07:47	4°♌20'33	
greatest brilliancy	-4532 Sep	28 j 01:49	21°♍27'32	-0.5m		-4531 Sep	06 j 23:04	0°♍	
evening max el	-4532 Oct	03 j 17:23	28°♍07'38	20°56'07	greatest brilliancy	-4531 Sep	11 j 18:15	6°♍11'19	-0.3m
	-4532 Oct	05 j 16:47	0°♎		evening max el	-4531 Sep	16 j 12:03	11°♍32'42	22°11'02
retrograde	-4532 Oct	12 j 01:33	3°♎03'23		retrograde	-4531 Sep	25 j 21:00	17°♍06'43	
evening set	-4532 Oct	15 j 23:17	1°♎36'40		evening set	-4531 Sep	30 j 07:23	15°♍21'01	
asc. node	-4532 Oct	17 j 13:48	0°♎10'58		asc. node	-4531 Oct	04 j 10:57	10°♍42'28	
	-4532 Oct	17 j 18:02	30°℞♍		inferior conj	-4531 Oct	05 j 15:56	9°♍03'11	0°24'43
inferior conj	-4532 Oct	21 j 09:46	25°♍24'56	1°17'01	minimum elong	-4531 Oct	05 j 15:21	9°♍05'10	0°24'34
minimum elong	-4532 Oct	21 j 08:04	25°♍30'47	1°16'21	min. Earth dist.	-4531 Oct	05 j 17:23	8°♍58'09	0.67363 AU
min. Earth dist.	-4532 Oct	21 j 21:45	24°♍44'05	0.67053 AU	morning rise	-4531 Oct	10 j 23:11	2°♍46'25	
morning rise	-4532 Oct	26 j 16:26	19°♍07'22		direct	-4531 Oct	15 j 14:17	0°♍53'17	
direct	-4532 Oct	31 j 22:39	16°♍52'41		morning max el	-4531 Oct	25 j 07:18	6°♍40'27	22°36'28
morning max el	-4532 Nov	11 j 20:11	23°♍22'52	24°02'38	greatest brilliancy	-4531 Oct	30 j 00:34	11°♍59'25	-0.3m
	-4532 Nov	17 j 16:47	0°♎			-4531 Nov	12 j 05:51	0°♎	
desc. node	-4532 Nov	29 j 10:47	15°♎55'17		desc. node	-4531 Nov	16 j 07:43	6°♎03'09	
	-4532 Dec	08 j 16:54	0°♏		morning set	-4531 Nov	27 j 22:59	24°♎17'01	
morning set	-4532 Dec	17 j 09:22	14°♏19'58			-4531 Dec	01 j 09:59	0°♏	
max. Earth dist.	-4532 Dec	21 j 08:29	21°♏16'01	1.38448 AU	max. Earth dist.	-4531 Dec	03 j 05:57	3°♏05'20	1.40512 AU
	-4532 Dec	26 j 03:27	0°♐						
					superior conj	-4531 Dec	11 j 00:06	16°♏40'28	-1°-53'-8
superior conj	-4532 Dec	28 j 12:54	4°♐30'21	-1°-51'-3	minimum elong	-4531 Dec	10 j 23:04	16°♏35'52	1°53'17
minimum elong	-4532 Dec	28 j 14:30	4°♐37'55	1°51'12		-4531 Dec	18 j 05:05	0°♐	
evening rise	-4531 Jan	06 j 10:12	21°♐48'36		evening rise	-4531 Dec	20 j 22:51	5°♐10'15	
	-4531 Jan	10 j 16:03	0°♑		asc. node	-4531 Dec	31 j 09:44	23°♐46'02	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4530 Jan 05 j 01:28	0°♉		
evening max el	-4530 Jan 06 j 03:58	1°♉08'52	18°21'03	
retrograde	-4530 Jan 13 j 11:08	4°♉46'01		
evening set	-4530 Jan 15 j 23:33	4°♉21'19		
	-4530 Jan 22 j 20:18	30°℞♐		
inferior conj	-4530 Jan 23 j 05:22	29°♐40'59	3°59'55	
minimum elong	-4530 Jan 23 j 06:53	29°♐37'48	3°59'35	
min. Earth dist.	-4530 Jan 26 j 13:49	26°♐53'19	0.59464 AU	
morning rise	-4530 Jan 30 j 11:03	24°♐11'57		
direct	-4530 Feb 05 j 22:24	22°♐20'46		
desc. node	-4530 Feb 12 j 07:17	24°♐01'15		
morning max el	-4530 Feb 20 j 03:46	29°♐55'50	26°58'09	
	-4530 Feb 20 j 05:28	0°♉		
	-4530 Mar 13 j 12:27	0°♒		
morning set	-4530 Mar 22 j 11:41	17°♒25'35		
	-4530 Mar 28 j 08:32	0°♓		
asc. node	-4530 Mar 29 j 09:11	2°♓14'44		
superior conj	-4530 Mar 29 j 14:17	2°♓42'41	0°02'14	
minimum elong	-4530 Mar 29 j 14:12	2°♓42'09	0°02'05	
behind sun begin	-4530 Mar 29 j 09:14	2°♓14'59		
behind sun end	-4530 Mar 29 j 19:09	3°♓09'19		
max. Earth dist.	-4530 Mar 29 j 09:03	2°♓14'01	1.32591 AU	
evening rise	-4530 Apr 05 j 14:59	17°♓52'27		
	-4530 Apr 11 j 16:35	0°♈		
	-4530 May 01 j 13:59	0°♉		
evening max el	-4530 May 04 j 07:34	2°♉48'09	26°11'13	
desc. node	-4530 May 11 j 05:56	8°♉04'38		
retrograde	-4530 May 18 j 09:42	10°♉06'01		
evening set	-4530 May 24 j 13:02	8°♉32'36		
min. Earth dist.	-4530 May 28 j 20:18	5°♉50'25	0.59203 AU	
inferior conj	-4530 Jun 01 j 05:21	3°♉15'27	-4°-10'-32	
minimum elong	-4530 Jun 01 j 03:33	3°♉18'57	4°10'19	
	-4530 Jun 05 j 22:58	30°℞♈		
morning rise	-4530 Jun 08 j 21:51	28°♈44'53		
direct	-4530 Jun 11 j 09:12	28°♈23'41		
	-4530 Jun 16 j 11:47	0°♉		
morning max el	-4530 Jun 19 j 03:19	2°♉05'37	18°27'30	
asc. node	-4530 Jun 25 j 08:58	10°♉00'04		
morning set	-4530 Jul 05 j 05:58	27°♉40'23		
	-4530 Jul 06 j 11:05	0°♊		
superior conj	-4530 Jul 14 j 11:05	15°♊09'19	1°49'03	
minimum elong	-4530 Jul 14 j 11:47	15°♊12'30	1°49'14	
max. Earth dist.	-4530 Jul 21 j 19:14	28°♊18'31	1.40096 AU	
	-4530 Jul 22 j 18:44	0°♋		
evening rise	-4530 Jul 26 j 07:20	5°♋57'59		
desc. node	-4530 Aug 07 j 04:48	24°♋49'23		
	-4530 Aug 10 j 16:24	0°♌		
evening max el	-4530 Aug 30 j 01:32	24°♌58'01	23°31'34	
	-4530 Sep 05 j 09:33	0°♍		
retrograde	-4530 Sep 09 j 13:41	1°♍10'55		
	-4530 Sep 13 j 08:52	30°℞♌		
evening set	-4530 Sep 14 j 14:17	29°♌05'21		
inferior conj	-4530 Sep 19 j 22:29	22°♌44'51	0°-28'-37	
minimum elong	-4530 Sep 19 j 23:09	22°♌42'35	0°28'12	
min. Earth dist.	-4530 Sep 19 j 13:43	23°♌14'52	0.67370 AU	
asc. node	-4530 Sep 21 j 08:06	20°♌51'15		
morning rise	-4530 Sep 25 j 08:06	16°♌31'55		
direct	-4530 Sep 29 j 09:27	14°♌59'43		
morning max el	-4530 Oct 07 j 23:45	20°♌04'23	21°15'05	
greatest brilliancy	-4530 Oct 13 j 09:49	26°♌23'01	-0.5m	
	-4530 Oct 16 j 03:45	0°♍		
desc. node	-4530 Nov 03 j 04:40	26°♍26'40		
	-4530 Nov 05 j 11:48	0°♎		
morning set	-4530 Nov 07 j 09:49	2°♎59'49		
max. Earth dist.	-4530 Nov 15 j 09:19	15°♎46'43	1.42391 AU	
superior conj	-4530 Nov 22 j 12:41	27°♎43'20	-1°-42'-20	
minimum elong	-4530 Nov 22 j 08:06	27°♎23'45	1°42'09	
	-4530 Nov 23 j 20:30	0°♏		
evening rise	-4530 Dec 03 j 22:27	17°♏51'52		
	-4530 Dec 10 j 17:50	0°♐		
asc. node	-4530 Dec 18 j 06:51	11°♐35'41		
evening max el	-4530 Dec 20 j 14:18	14°♐12'22	18°08'08	
retrograde	-4530 Dec 27 j 07:58	17°♐41'01		
evening set	-4530 Dec 29 j 22:54	17°♐09'31		
inferior conj	-4529 Jan 05 j 16:06	12°♐07'28	4°02'59	
minimum elong	-4529 Jan 05 j 15:00	12°♐10'06	4°02'44	
min. Earth dist.	-4529 Jan 08 j 16:34	9°♐13'41	0.61453 AU	
morning rise	-4529 Jan 12 j 04:43	6°♐22'01		
direct	-4529 Jan 19 j 04:28	3°♐57'01		
desc. node	-4529 Jan 30 j 04:21	8°♐53'36		
morning max el	-4529 Feb 02 j 05:37	11°♐38'55	27°36'24	
	-4529 Feb 16 j 17:54	0°♑		
	-4529 Mar 05 j 16:49	0°♒		
morning set	-4529 Mar 06 j 18:02	2°♒08'16		
max. Earth dist.	-4529 Mar 12 j 21:10	15°♒06'55	1.32725 AU	
superior conj	-4529 Mar 14 j 01:23	17°♒40'14	0°-22'-43	
minimum elong	-4529 Mar 14 j 02:24	17°♒45'46	0°22'41	
asc. node	-4529 Mar 16 j 06:12	22°♒27'57		
	-4529 Mar 19 j 17:51	0°♓		
evening rise	-4529 Mar 21 j 02:03	2°♓50'40		
	-4529 Apr 04 j 21:51	0°♈		
evening max el	-4529 Apr 16 j 01:40	13°♈52'54	24°52'28	
desc. node	-4529 Apr 28 j 03:04	20°♈50'25		
retrograde	-4529 Apr 30 j 02:07	20°♈59'24		
evening set	-4529 May 05 j 00:36	20°♈03'31		
min. Earth dist.	-4529 May 10 j 13:56	17°♈08'11	0.57294 AU	
inferior conj	-4529 May 13 j 12:44	15°♈10'39	-3°-35'-34	
minimum elong	-4529 May 13 j 07:45	15°♈18'58	3°34'37	
morning rise	-4529 May 21 j 19:08	10°♈59'52		
direct	-4529 May 24 j 05:47	10°♈42'37		
morning max el	-4529 Jun 02 j 05:23	14°♈54'01	19°12'38	
asc. node	-4529 Jun 12 j 05:59	28°♈45'54		
	-4529 Jun 12 j 22:41	0°♉		
morning set	-4529 Jun 19 j 03:15	11°♉48'12		
superior conj	-4529 Jun 27 j 12:29	28°♉22'52	1°46'54	
minimum elong	-4529 Jun 27 j 11:08	28°♉16'20	1°47'02	
	-4529 Jun 28 j 08:36	0°♊		
max. Earth dist.	-4529 Jul 03 j 20:31	10°♊18'57	1.38158 AU	
evening rise	-4529 Jul 07 j 18:39	17°♊20'06		
	-4529 Jul 15 j 07:01	0°♋		
desc. node	-4529 Jul 25 j 01:50	15°♋04'08		
	-4529 Aug 05 j 01:13	0°♌		
evening max el	-4529 Aug 12 j 12:26	8°♌26'16	24°50'55	
retrograde	-4529 Aug 24 j 02:27	15°♌12'05		
evening set	-4529 Aug 29 j 18:09	12°♌47'43		
min. Earth dist.	-4529 Sep 03 j 08:17	7°♌32'39	0.67077 AU	
inferior conj	-4529 Sep 04 j 03:41	6°♌28'10	-1°-21'-23	
minimum elong	-4529 Sep 04 j 05:33	6°♌21'56	1°20'27	
asc. node	-4529 Sep 08 j 05:15	1°♌36'45		
morning rise	-4529 Sep 09 j 17:20	0°♌22'14		
	-4529 Sep 10 j 07:21	30°℞♋		
direct	-4529 Sep 13 j 06:59	29°♋08'33		
	-4529 Sep 16 j 10:34	0°♌		
morning max el	-4529 Sep 20 j 23:11	3°♌36'10	20°04'07	
greatest brilliancy	-4529 Sep 28 j 06:37	12°♌38'25	-0.6m	
	-4529 Oct 10 j 01:13	0°♍		
morning set	-4529 Oct 17 j 08:11	11°♍12'33		
desc. node	-4529 Oct 21 j 01:35	17°♍00'19		
max. Earth dist.	-4529 Oct 28 j 19:35	29°♍14'33	1.43838 AU	
	-4529 Oct 29 j 06:57	0°♎		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4529 Nov 02 j 21:57	7°♎28'04	-1°-15'-30
minimum elong	-4529 Nov 02 j 15:09	7°♎00'22	1°14'49
evening rise	-4529 Nov 16 j 04:27	29°♎42'55	
	-4529 Nov 16 j 08:25	0°♏	
evening max el	-4529 Dec 04 j 02:56	27°♏28'36	18°14'28
asc. node	-4529 Dec 05 j 03:59	28°♏28'04	
	-4529 Dec 07 j 06:07	0°♐	
retrograde	-4529 Dec 10 j 16:10	1°♐00'18	
evening set	-4529 Dec 13 j 10:32	0°♐20'38	
	-4529 Dec 14 j 02:20	30°℞♏	
inferior conj	-4529 Dec 19 j 17:32	24°♏58'09	3°45'24
minimum elong	-4529 Dec 19 j 14:52	25°♏05'23	3°44'49
min. Earth dist.	-4529 Dec 22 j 04:31	22°♏18'49	0.63271 AU
morning rise	-4529 Dec 25 j 17:30	19°♏00'54	
direct	-4528 Jan 01 j 18:39	16°♏15'43	
morning max el	-4528 Jan 15 j 12:21	23°♏59'04	27°38'33
desc. node	-4528 Jan 17 j 01:24	25°♏33'31	
	-4528 Jan 20 j 23:43	0°♐	
	-4528 Feb 10 j 00:33	0°♑	
morning set	-4528 Feb 18 j 18:09	16°♑28'11	
max. Earth dist.	-4528 Feb 24 j 03:54	27°♑37'31	1.33231 AU
	-4528 Feb 25 j 06:42	0°♒	
superior conj	-4528 Feb 26 j 10:04	2°♒26'29	0°-47'-13
minimum elong	-4528 Feb 26 j 12:06	2°♒37'27	0°47'02
asc. node	-4528 Mar 02 j 03:12	12°♒35'35	
evening rise	-4528 Mar 04 j 13:39	17°♒46'06	
	-4528 Mar 10 j 16:04	0°♓	
evening max el	-4528 Mar 27 j 17:51	24°♓37'44	23°19'53
	-4528 Apr 04 j 08:59	0°♈	
retrograde	-4528 Apr 10 j 05:35	1°♈17'33	
evening set	-4528 Apr 13 j 20:43	0°♈48'42	
desc. node	-4528 Apr 14 j 00:12	0°♈46'24	
	-4528 Apr 16 j 06:42	30°℞♓	
min. Earth dist.	-4528 Apr 21 j 04:58	27°♓28'31	0.55861 AU
inferior conj	-4528 Apr 23 j 00:25	26°♓24'17	-2°-21'-17
minimum elong	-4528 Apr 22 j 18:59	26°♓32'21	2°19'45
morning rise	-4528 May 01 j 20:25	22°♓25'31	
direct	-4528 May 04 j 08:03	22°♓10'19	
morning max el	-4528 May 14 j 21:43	27°♓05'42	20°18'03
	-4528 May 17 j 16:13	0°♈	
asc. node	-4528 May 29 j 02:59	18°♈02'45	
morning set	-4528 Jun 02 j 07:32	26°♈20'24	
	-4528 Jun 04 j 02:34	0°♉	
superior conj	-4528 Jun 10 j 02:53	12°♉17'50	1°37'04
minimum elong	-4528 Jun 10 j 00:27	12°♉05'32	1°37'00
max. Earth dist.	-4528 Jun 15 j 01:48	22°♉05'12	1.36382 AU
evening rise	-4528 Jun 19 j 04:46	29°♉51'28	
	-4528 Jun 19 j 06:37	0°♊	
	-4528 Jul 07 j 11:26	0°♋	
desc. node	-4528 Jul 10 j 22:52	4°♋58'22	
evening max el	-4528 Jul 24 j 23:13	21°♋57'37	26°01'07
retrograde	-4528 Aug 06 j 10:35	29°♋05'49	
evening set	-4528 Aug 12 j 16:58	26°♋26'33	
min. Earth dist.	-4528 Aug 16 j 22:37	21°♋49'33	0.66456 AU
inferior conj	-4528 Aug 18 j 05:45	20°♋11'19	-2°-11'-48
minimum elong	-4528 Aug 18 j 08:39	20°♋02'08	2°10'33
morning rise	-4528 Aug 24 j 01:01	14°♋15'48	
asc. node	-4528 Aug 25 j 02:21	13°♋43'31	
direct	-4528 Aug 27 j 05:17	13°♋17'34	
morning max el	-4528 Sep 03 j 05:27	17°♋16'01	19°07'13
	-4528 Sep 12 j 20:25	0°♌	
morning set	-4528 Sep 25 j 17:38	20°♌03'12	
	-4528 Oct 02 j 01:21	0°♍	
desc. node	-4528 Oct 06 j 22:30	7°♍40'46	
max. Earth dist.	-4528 Oct 10 j 11:31	13°♍15'49	1.44665 AU
superior conj	-4528 Oct 12 j 06:24	16°♍05'19	0°-33'-14
minimum elong	-4528 Oct 12 j 02:13	15°♍48'46	0°32'39
	-4528 Oct 20 j 23:41	0°♎	
evening rise	-4528 Oct 27 j 12:09	10°♎34'46	
	-4528 Nov 08 j 12:30	0°♏	
evening max el	-4528 Nov 16 j 15:08	10°♏52'02	18°39'04
asc. node	-4528 Nov 21 j 01:06	14°♏08'18	
retrograde	-4528 Nov 23 j 07:47	14°♏36'43	
evening set	-4528 Nov 26 j 07:08	13°♏47'03	
inferior conj	-4528 Dec 02 j 06:03	8°♏06'29	3°13'53
minimum elong	-4528 Dec 02 j 02:50	8°♏16'04	3°12'58
min. Earth dist.	-4528 Dec 04 j 02:19	5°♏54'52	0.64778 AU
morning rise	-4528 Dec 07 j 21:23	2°♏00'14	
	-4528 Dec 10 j 22:50	30°℞♎	
direct	-4528 Dec 14 j 15:29	29°♎10'21	
	-4528 Dec 18 j 14:22	0°♏	
morning max el	-4528 Dec 27 j 21:37	6°♏47'51	27°07'02
desc. node	-4527 Jan 02 j 22:25	13°♏30'20	
	-4527 Jan 14 j 21:09	0°♐	
morning set	-4527 Feb 01 j 08:59	0°♑15'29	
	-4527 Feb 01 j 05:47	0°♑	
max. Earth dist.	-4527 Feb 06 j 01:42	9°♑36'23	1.34152 AU
superior conj	-4527 Feb 09 j 14:20	16°♑54'55	-1°-10'-11
minimum elong	-4527 Feb 09 j 17:09	17°♑09'38	1°09'58
	-4527 Feb 15 j 18:53	0°♒	
evening rise	-4527 Feb 17 j 00:04	2°♒32'42	
asc. node	-4527 Feb 17 j 00:11	2°♒33'22	
	-4527 Mar 04 j 16:59	0°♓	
evening max el	-4527 Mar 09 j 13:58	5°♓28'45	21°47'23
retrograde	-4527 Mar 21 j 21:44	11°♓25'09	
evening set	-4527 Mar 24 j 14:52	11°♓08'43	
desc. node	-4527 Mar 31 j 21:21	8°♓13'40	
inferior conj	-4527 Apr 02 j 22:15	7°♓05'41	0°-33'-40
minimum elong	-4527 Apr 02 j 20:41	7°♓07'53	0°33'15
min. Earth dist.	-4527 Apr 02 j 18:58	7°♓10'19	0.55208 AU
morning rise	-4527 Apr 12 j 03:11	3°♓04'57	
direct	-4527 Apr 14 j 22:03	2°♓47'42	
morning max el	-4527 Apr 27 j 03:04	8°♓35'28	21°41'47
	-4527 May 12 j 01:22	0°♈	
asc. node	-4527 May 15 j 23:55	7°♈42'18	
morning set	-4527 May 17 j 16:23	11°♈09'22	
superior conj	-4527 May 25 j 02:21	26°♈42'11	1°21'41
minimum elong	-4527 May 24 j 23:38	26°♈28'01	1°21'25
	-4527 May 26 j 16:31	0°♉	
max. Earth dist.	-4527 May 28 j 15:57	4°♉02'28	1.34914 AU
evening rise	-4527 Jun 02 j 08:07	13°♉16'02	
	-4527 Jun 11 j 14:25	0°♊	
desc. node	-4527 Jun 27 j 19:57	24°♊22'39	
	-4527 Jul 02 j 09:16	0°♋	
evening max el	-4527 Jul 07 j 10:34	5°♋24'50	26°54'01
retrograde	-4527 Jul 20 j 13:31	12°♋45'06	
evening set	-4527 Jul 27 j 08:23	9°♋58'09	
min. Earth dist.	-4527 Jul 31 j 06:16	6°♋00'11	0.65470 AU
inferior conj	-4527 Aug 02 j 02:34	3°♋50'20	-2°-57'-52
minimum elong	-4527 Aug 02 j 06:09	3°♋39'51	2°56'37
	-4527 Aug 05 j 16:04	30°℞♊	
morning rise	-4527 Aug 08 j 05:03	28°♊08'38	
direct	-4527 Aug 11 j 02:10	27°♊22'43	
asc. node	-4527 Aug 11 j 23:25	27°♊27'01	
	-4527 Aug 16 j 15:25	0°♋	
morning max el	-4527 Aug 17 j 16:58	1°♋00'48	18°26'20
morning set	-4527 Sep 06 j 04:28	0°♌08'45	
	-4527 Sep 06 j 02:19	0°♌	
superior conj	-4527 Sep 21 j 05:51	24°♌21'19	0°16'10

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4527 Sep 21 j 07:56	24°♌29'33	0°16'02
behind sun begin	-4527 Sep 21 j 05:51	24°♌21'19	
behind sun end	-4527 Sep 21 j 10:00	24°♌37'46	
max. Earth dist.	-4527 Sep 23 j 05:53	27°♌31'07	1.44769 AU
desc. node	-4527 Sep 23 j 19:25	28°♌24'27	
	-4527 Sep 24 j 19:40	0°♍	
evening rise	-4527 Oct 07 j 18:46	20°♍22'11	
	-4527 Oct 13 j 21:59	0°♎	
greatest brilliancy	-4527 Oct 21 j 02:01	11°♎04'01	-0.7m
evening max el	-4527 Oct 31 j 00:24	24°♎18'10	19°20'40
retrograde	-4527 Nov 07 j 03:31	28°♎24'46	
asc. node	-4527 Nov 07 j 22:14	28°♎21'16	
evening set	-4527 Nov 10 j 09:48	27°♎22'48	
inferior conj	-4527 Nov 16 j 02:32	21°♎27'17	2°33'02
minimum elong	-4527 Nov 15 j 23:33	21°♎36'52	2°31'59
min. Earth dist.	-4527 Nov 17 j 09:03	19°♎49'44	0.65926 AU
morning rise	-4527 Nov 21 j 12:29	15°♎14'24	
direct	-4527 Nov 27 j 18:13	12°♎32'19	
morning max el	-4527 Dec 10 j 07:14	19°♎53'56	26°08'24
	-4527 Dec 19 j 00:23	0°♏	
desc. node	-4527 Dec 20 j 19:25	2°♏21'18	
	-4526 Jan 07 j 23:08	0°♐	
morning set	-4526 Jan 15 j 10:30	13°♐17'51	
max. Earth dist.	-4526 Jan 19 j 12:08	21°♐02'01	1.35513 AU
superior conj	-4526 Jan 24 j 11:50	0°♑57'59	-1°-30'-14
minimum elong	-4526 Jan 24 j 14:54	1°♑13'33	1°30'07
	-4526 Jan 24 j 00:25	0°♑	
evening rise	-4526 Feb 01 j 07:26	17°♑04'16	
asc. node	-4526 Feb 03 j 21:12	22°♑16'25	
	-4526 Feb 07 j 22:13	0°♒	
evening max el	-4526 Feb 19 j 18:59	16°♒47'34	20°26'05
retrograde	-4526 Mar 02 j 12:16	21°♒52'57	
evening set	-4526 Mar 04 j 20:45	21°♒39'15	
inferior conj	-4526 Mar 13 j 19:00	17°♒40'52	1°20'56
minimum elong	-4526 Mar 13 j 22:26	17°♒35'48	1°19'39
min. Earth dist.	-4526 Mar 15 j 09:00	16°♒45'01	0.55475 AU
desc. node	-4526 Mar 18 j 18:30	14°♒54'29	
morning rise	-4526 Mar 22 j 22:01	13°♒20'23	
direct	-4526 Mar 26 j 11:35	12°♒52'41	
morning max el	-4526 Apr 08 j 23:04	19°♒29'27	23°18'05
	-4526 Apr 17 j 16:21	0°♓	
morning set	-4526 May 02 j 03:51	26°♓09'07	
asc. node	-4526 May 02 j 20:53	27°♓38'27	
	-4526 May 03 j 23:38	0°♈	
superior conj	-4526 May 09 j 08:00	11°♈27'05	1°02'22
minimum elong	-4526 May 09 j 05:36	11°♈14'13	1°01'59
max. Earth dist.	-4526 May 11 j 15:58	16°♈23'57	1.33812 AU
evening rise	-4526 May 17 j 00:00	27°♈20'05	
	-4526 May 18 j 08:29	0°♉	
	-4526 Jun 04 j 20:56	0°♊	
desc. node	-4526 Jun 14 j 17:03	13°♊04'09	
evening max el	-4526 Jun 19 j 21:24	18°♊37'05	27°22'12
retrograde	-4526 Jul 03 j 11:02	26°♊01'55	
evening set	-4526 Jul 10 j 13:26	23°♊18'27	
min. Earth dist.	-4526 Jul 14 j 05:20	19°♊56'26	0.64098 AU
inferior conj	-4526 Jul 16 j 15:46	17°♊20'37	-3°-36'-54
minimum elong	-4526 Jul 16 j 19:20	17°♊11'05	3°35'57
morning rise	-4526 Jul 23 j 02:56	11°♊55'57	
direct	-4526 Jul 25 j 19:07	11°♊19'31	
asc. node	-4526 Jul 29 j 20:29	12°♊42'36	
morning max el	-4526 Aug 01 j 07:21	14°♊46'03	18°02'39
	-4526 Aug 11 j 23:39	0°♋	
morning set	-4526 Aug 18 j 17:51	11°♋30'04	
	-4526 Aug 29 j 17:55	0°♌	

superior conj	-4526 Aug 31 j 19:07	3°♌21'10	0°59'56
minimum elong	-4526 Sep 01 j 00:52	3°♌44'36	0°59'28
max. Earth dist.	-4526 Sep 05 j 22:44	11°♌39'01	1.44150 AU
desc. node	-4526 Sep 10 j 16:21	19°♌08'29	
evening rise	-4526 Sep 17 j 04:27	29°♌16'17	
	-4526 Sep 17 j 15:46	0°♍	
greatest brilliancy	-4526 Oct 07 j 12:22	29°♍33'48	-0.6m
	-4526 Oct 07 j 20:05	0°♎	
evening max el	-4526 Oct 14 j 04:40	7°♎44'24	20°17'30
retrograde	-4526 Oct 22 j 00:45	12°♎20'49	
evening set	-4526 Oct 25 j 16:08	11°♎03'56	
asc. node	-4526 Oct 25 j 19:22	10°♎58'07	
inferior conj	-4526 Oct 31 j 04:26	4°♎56'56	1°45'59
minimum elong	-4526 Oct 31 j 02:09	5°♎04'35	1°45'06
min. Earth dist.	-4526 Oct 31 j 22:47	3°♎55'21	0.66731 AU
	-4526 Nov 04 j 03:01	30°℞♍	
morning rise	-4526 Nov 05 j 11:37	28°♍40'04	
direct	-4526 Nov 11 j 02:33	26°♍14'01	
	-4526 Nov 19 j 06:38	0°♎	
morning max el	-4526 Nov 22 j 16:08	3°♎06'56	24°51'21
desc. node	-4526 Dec 07 j 16:22	21°♎50'22	
	-4526 Dec 13 j 05:58	0°♏	
morning set	-4526 Dec 28 j 17:17	25°♏19'29	
	-4526 Dec 31 j 07:51	0°♐	
max. Earth dist.	-4525 Jan 01 j 12:03	2°♐08'54	1.37286 AU
superior conj	-4525 Jan 07 j 23:24	14°♐25'57	-1°-45'-28
minimum elong	-4525 Jan 08 j 01:52	14°♐38'00	1°45'31
	-4525 Jan 15 j 18:54	0°♑	
evening rise	-4525 Jan 16 j 09:37	1°♑13'35	
asc. node	-4525 Jan 21 j 18:15	11°♑38'09	
evening max el	-4525 Feb 02 j 10:28	28°♑41'24	19°22'01
	-4525 Feb 03 j 22:23	0°♒	
retrograde	-4525 Feb 11 j 12:53	3°♒01'04	
evening set	-4525 Feb 13 j 21:22	2°♒44'59	
	-4525 Feb 20 j 00:13	30°℞♑	
inferior conj	-4525 Feb 22 j 03:56	28°♑36'30	2°51'55
minimum elong	-4525 Feb 22 j 09:01	28°♑28'04	2°50'28
min. Earth dist.	-4525 Feb 24 j 23:53	26°♑44'26	0.56601 AU
morning rise	-4525 Mar 02 j 16:58	23°♑46'18	
desc. node	-4525 Mar 05 j 15:38	23°♑01'53	
direct	-4525 Mar 07 j 11:23	22°♑54'08	
	-4525 Mar 21 j 11:56	0°♒	
morning max el	-4525 Mar 21 j 14:15	0°♒05'32	24°56'03
	-4525 Apr 11 j 02:32	0°♓	
morning set	-4525 Apr 16 j 16:08	11°♓12'13	
asc. node	-4525 Apr 19 j 17:51	17°♓45'00	
superior conj	-4525 Apr 23 j 17:29	26°♓23'46	0°40'18
minimum elong	-4525 Apr 23 j 15:47	26°♓14'35	0°39'56
max. Earth dist.	-4525 Apr 24 j 23:46	29°♓07'42	1.33069 AU
	-4525 Apr 25 j 09:27	0°♈	
evening rise	-4525 May 01 j 00:34	11°♈50'46	
	-4525 May 10 j 13:52	0°♉	
	-4525 May 31 j 20:31	0°♊	
desc. node	-4525 Jun 01 j 14:10	0°♊44'22	
evening max el	-4525 Jun 02 j 05:43	1°♊22'12	27°20'12
retrograde	-4525 Jun 16 j 02:31	8°♊46'41	
evening set	-4525 Jun 23 j 04:30	6°♊20'48	
min. Earth dist.	-4525 Jun 26 j 18:45	3°♊25'57	0.62361 AU
inferior conj	-4525 Jun 29 j 18:22	0°♊35'42	-4°-4'-53
minimum elong	-4525 Jun 29 j 20:52	0°♊29'43	4°04'25
	-4525 Jun 30 j 09:24	30°℞♉	
morning rise	-4525 Jul 06 j 15:44	25°♉30'40	
direct	-4525 Jul 09 j 04:53	25°♉01'24	
morning max el	-4525 Jul 15 j 21:57	28°♉25'37	17°57'08
asc. node	-4525 Jul 16 j 17:32	29°♉16'00	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4525 Jul 17 j 09:19	0°♊		
morning set	-4525 Aug 01 j 05:13	23°♊54'15		
	-4525 Aug 04 j 14:58	0°♋		
superior conj	-4525 Aug 12 j 10:53	13°♋40'02	1°30'06	
minimum elong	-4525 Aug 12 j 15:51	14°♋01'12	1°29'54	
max. Earth dist.	-4525 Aug 19 j 11:10	25°♋21'40	1.42900 AU	
	-4525 Aug 22 j 07:57	0°♌		
evening rise	-4525 Aug 27 j 08:40	7°♌58'02		
desc. node	-4525 Aug 28 j 13:19	9°♌49'44		
	-4525 Sep 10 j 22:27	0°♍		
greatest brilliancy	-4525 Sep 21 j 23:54	15°♍15'09	-0.4m	
evening max el	-4525 Sep 27 j 02:53	21°♍10'10	21°26'59	
retrograde	-4525 Oct 05 j 21:22	26°♍22'20		
evening set	-4525 Oct 10 j 00:07	24°♍47'57		
asc. node	-4525 Oct 12 j 16:30	22°♍07'01		
inferior conj	-4525 Oct 15 j 09:36	18°♍33'08	0°55'04	
minimum elong	-4525 Oct 15 j 08:21	18°♍37'26	0°54'36	
min. Earth dist.	-4525 Oct 15 j 17:04	18°♍07'25	0.67217 AU	
morning rise	-4525 Oct 20 j 16:15	12°♍15'16		
direct	-4525 Oct 25 j 15:53	10°♍09'33		
morning max el	-4525 Nov 05 j 01:29	16°♍22'31	23°25'48	
greatest brilliancy	-4525 Nov 10 j 22:52	23°♍04'31	-0.2m	
	-4525 Nov 16 j 06:30	0°♎		
desc. node	-4525 Nov 24 j 13:20	11°♎46'45		
	-4525 Dec 06 j 06:56	0°♏		
morning set	-4525 Dec 09 j 23:17	6°♏05'07		
max. Earth dist.	-4525 Dec 14 j 07:41	13°♏31'41	1.39324 AU	
superior conj	-4525 Dec 21 j 20:59	27°♏08'39	-1°-53'-16	
minimum elong	-4525 Dec 21 j 21:38	27°♏11'41	1°53'28	
	-4525 Dec 23 j 09:36	0°♐		
evening rise	-4525 Dec 31 j 04:06	14°♐54'38		
	-4524 Jan 08 j 07:51	0°♑		
asc. node	-4524 Jan 08 j 15:20	0°♑31'33		
evening max el	-4524 Jan 16 j 11:22	11°♑08'24	18°37'32	
retrograde	-4524 Jan 24 j 06:57	14°♑56'12		
evening set	-4524 Jan 26 j 18:03	14°♑34'59		
inferior conj	-4524 Feb 03 j 08:21	10°♑07'36	3°45'18	
minimum elong	-4524 Feb 03 j 11:33	10°♑01'25	3°44'39	
min. Earth dist.	-4524 Feb 06 j 16:55	7°♑33'46	0.58336 AU	
morning rise	-4524 Feb 11 j 01:27	4°♑50'50		
direct	-4524 Feb 17 j 00:38	3°♑21'47		
desc. node	-4524 Feb 20 j 12:46	3°♑52'02		
morning max el	-4524 Mar 02 j 06:38	10°♑51'14	26°20'50	
	-4524 Mar 17 j 00:43	0°♒		
morning set	-4524 Mar 31 j 03:34	26°♒12'27		
	-4524 Apr 01 j 22:37	0°♓		
asc. node	-4524 Apr 05 j 14:51	7°♓57'20		
superior conj	-4524 Apr 07 j 04:54	11°♓25'23	0°16'27	
minimum elong	-4524 Apr 07 j 04:11	11°♓21'27	0°16'12	
max. Earth dist.	-4524 Apr 07 j 12:11	12°♓05'15	1.32669 AU	
evening rise	-4524 Apr 14 j 06:57	26°♓38'24		
	-4524 Apr 15 j 22:11	0°♈		
	-4524 May 03 j 04:32	0°♉		
evening max el	-4524 May 14 j 09:18	13°♉29'52	26°45'26	
desc. node	-4524 May 18 j 11:19	16°♉57'35		
retrograde	-4524 May 28 j 10:28	20°♉50'40		
evening set	-4524 Jun 04 j 01:21	18°♉55'57		
min. Earth dist.	-4524 Jun 07 j 22:48	16°♉13'47	0.60375 AU	
inferior conj	-4524 Jun 11 j 06:54	13°♉27'12	-4°-15'-37	
minimum elong	-4524 Jun 11 j 07:00	13°♉27'00	4°15'29	
morning rise	-4524 Jun 18 j 15:56	8°♉43'37		
direct	-4524 Jun 21 j 03:39	8°♉19'47		
morning max el	-4524 Jun 28 j 09:53	11°♉51'59	18°10'41	
asc. node	-4524 Jul 02 j 14:35	16°♉51'28		
	-4524 Jul 10 j 13:02	0°♊		
morning set	-4524 Jul 14 j 09:09	7°♊07'25		
superior conj	-4524 Jul 24 j 05:11	25°♊17'54	1°45'44	
minimum elong	-4524 Jul 24 j 07:26	25°♊27'57	1°45'52	
	-4524 Jul 26 j 20:40	0°♋		
max. Earth dist.	-4524 Jul 31 j 18:07	8°♋26'28	1.41198 AU	
evening rise	-4524 Aug 06 j 03:29	17°♋21'57		
desc. node	-4524 Aug 14 j 10:18	0°♌24'15		
	-4524 Aug 14 j 03:57	0°♌		
greatest brilliancy	-4524 Sep 03 j 22:36	29°♌09'03	-0.3m	
	-4524 Sep 04 j 15:35	0°♍		
evening max el	-4524 Sep 08 j 19:12	4°♍35'27	22°45'04	
retrograde	-4524 Sep 18 j 15:42	10°♍26'05		
evening set	-4524 Sep 23 j 07:54	8°♍32'13		
inferior conj	-4524 Sep 28 j 16:08	2°♍13'01	0°02'06	
minimum elong	-4524 Sep 28 j 16:05	2°♍13'12	0°02'13	
transit middle	-4524 Sep 28 j 16:05	2°♍13'12	0°02'13	
transit begin	-4524 Sep 28 j 13:24	2°♍22'25		
transit end	-4524 Sep 28 j 18:45	2°♍03'58		
min. Earth dist.	-4524 Sep 28 j 13:20	2°♍22'41	0.67405 AU	
asc. node	-4524 Sep 28 j 13:40	2°♍21'31		
	-4524 Sep 30 j 07:18	30°℞♌		
morning rise	-4524 Oct 04 j 00:10	25°♌57'24		
direct	-4524 Oct 08 j 09:18	24°♌13'07		
morning max el	-4524 Oct 17 j 14:21	29°♌41'38	22°00'46	
	-4524 Oct 17 j 21:30	0°♍		
greatest brilliancy	-4524 Oct 22 j 10:26	5°♍12'01	-0.4m	
	-4524 Nov 09 j 02:07	0°♎		
desc. node	-4524 Nov 10 j 10:16	2°♎01'49		
morning set	-4524 Nov 19 j 00:35	15°♎26'53		
max. Earth dist.	-4524 Nov 25 j 06:59	25°♎41'28	1.41356 AU	
	-4524 Nov 27 j 20:23	0°♏		
superior conj	-4524 Dec 02 j 23:15	8°♏51'50	-1°-50'-21	
minimum elong	-4524 Dec 02 j 20:45	8°♏40'50	1°50'24	
evening rise	-4524 Dec 13 j 11:38	27°♏59'42		
	-4524 Dec 14 j 13:36	0°♐		
asc. node	-4524 Dec 25 j 12:26	18°♐47'18		
evening max el	-4524 Dec 29 j 19:05	24°♐00'36	18°13'09	
retrograde	-4523 Jan 05 j 19:03	27°♐32'09		
evening set	-4523 Jan 08 j 08:38	27°♐04'32		
inferior conj	-4523 Jan 15 j 08:45	22°♐14'53	4°04'13	
minimum elong	-4523 Jan 15 j 09:04	22°♐14'11	4°04'01	
min. Earth dist.	-4523 Jan 18 j 14:52	19°♐21'54	0.60326 AU	
morning rise	-4523 Jan 22 j 06:42	16°♐38'32		
direct	-4523 Jan 29 j 01:02	14°♐31'34		
desc. node	-4523 Feb 06 j 09:52	17°♐24'55		
morning max el	-4523 Feb 12 j 04:32	22°♐09'26	27°18'47	
	-4523 Feb 19 j 03:14	0°♑		
	-4523 Mar 09 j 22:57	0°♒		
morning set	-4523 Mar 15 j 12:20	11°♒03'23		
max. Earth dist.	-4523 Mar 22 j 01:36	25°♒04'09	1.32605 AU	
superior conj	-4523 Mar 22 j 16:35	26°♒25'58	0°-8'-21	
minimum elong	-4523 Mar 22 j 16:57	26°♒28'02	0°08'26	
behind sun begin	-4523 Mar 22 j 12:41	26°♒04'40		
behind sun end	-4523 Mar 22 j 21:14	26°♒51'25		
asc. node	-4523 Mar 23 j 11:50	28°♒11'19		
	-4523 Mar 24 j 07:43	0°♓		
evening rise	-4523 Mar 29 j 16:52	11°♓34'55		
	-4523 Apr 08 j 04:31	0°♈		
evening max el	-4523 Apr 26 j 06:44	24°♈56'07	25°40'24	
	-4523 May 02 j 21:21	0°♉		
desc. node	-4523 May 05 j 08:28	1°♉10'15		
retrograde	-4523 May 10 j 08:50	2°♉09'36		
evening set	-4523 May 16 j 00:56	0°♉52'57		

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4523 May 17 j 19:23	30℞♈	
min. Earth dist.	-4523 May 20 j 19:13	28°♈06'56	0.58354 AU
inferior conj	-4523 May 24 j 01:45	25°♈45'47	-4°00'-15
minimum elong	-4523 May 23 j 22:28	25°♈51'44	3°59'47
morning rise	-4523 May 31 j 23:59	21°♈23'51	
direct	-4523 Jun 03 j 11:07	21°♈04'21	
morning max el	-4523 Jun 11 j 16:20	24°♈57'00	18°44'12
	-4523 Jun 16 j 00:24	0°♉	
asc. node	-4523 Jun 19 j 11:37	5°♉15'16	
morning set	-4523 Jun 28 j 01:12	20°♉58'41	
	-4523 Jul 02 j 16:22	0°♊	
superior conj	-4523 Jul 06 j 20:57	8°♊01'41	1°49'14
minimum elong	-4523 Jul 06 j 20:39	8°♊00'19	1°49'26
max. Earth dist.	-4523 Jul 13 j 20:50	20°♊50'12	1.39271 AU
evening rise	-4523 Jul 17 j 23:50	28°♊00'05	
	-4523 Jul 19 j 04:10	0°♋	
desc. node	-4523 Aug 01 j 07:18	20°♋48'06	
	-4523 Aug 07 j 16:15	0°♌	
evening max el	-4523 Aug 22 j 07:25	18°♌02'42	24°05'51
retrograde	-4523 Sep 02 j 06:38	24°♌29'48	
evening set	-4523 Sep 07 j 13:44	22°♌15'57	
inferior conj	-4523 Sep 12 j 22:19	15°♌55'42	0°-51'-10
minimum elong	-4523 Sep 12 j 23:30	15°♌51'40	0°50'30
min. Earth dist.	-4523 Sep 12 j 09:08	16°♌40'22	0.67295 AU
asc. node	-4523 Sep 15 j 10:48	12°♌39'15	
morning rise	-4523 Sep 18 j 09:28	9°♌45'29	
direct	-4523 Sep 22 j 05:40	8°♌21'25	
morning max el	-4523 Sep 30 j 09:39	13°♌08'46	20°43'17
greatest brilliancy	-4523 Oct 06 j 11:27	20°♌22'51	-0.5m
	-4523 Oct 13 j 08:56	0°♍	
desc. node	-4523 Oct 28 j 07:10	22°♍30'03	
morning set	-4523 Oct 29 j 03:26	23°♍48'46	
	-4523 Nov 02 j 02:13	0°♎	
max. Earth dist.	-4523 Nov 07 j 13:52	8°♎45'54	1.43085 AU
superior conj	-4523 Nov 14 j 00:30	19°♎21'45	-1°-33'00
minimum elong	-4523 Nov 13 j 18:35	18°♎57'02	1°32'35
	-4523 Nov 20 j 06:29	0°♏	
evening rise	-4523 Nov 26 j 04:16	10°♏20'45	
	-4523 Dec 07 j 17:23	0°♐	
asc. node	-4523 Dec 12 j 09:33	6°♐14'04	
evening max el	-4523 Dec 13 j 06:41	7°♐09'55	18°08'28
retrograde	-4523 Dec 19 j 21:20	10°♐38'35	
evening set	-4523 Dec 22 j 13:39	10°♐03'40	
inferior conj	-4523 Dec 29 j 02:11	4°♐52'18	3°57'36
minimum elong	-4523 Dec 29 j 00:17	4°♐57'08	3°57'13
min. Earth dist.	-4523 Dec 31 j 21:07	2°♐02'53	0.62261 AU
	-4522 Jan 03 j 02:58	30℞♏	
morning rise	-4522 Jan 04 j 08:53	29°♏01'27	
direct	-4522 Jan 11 j 10:22	26°♏26'21	
	-4522 Jan 20 j 12:44	0°♐	
desc. node	-4522 Jan 24 j 06:56	3°♐07'11	
morning max el	-4522 Jan 25 j 08:44	4°♐08'49	27°41'50
	-4522 Feb 13 j 17:11	0°♑	
morning set	-4522 Feb 27 j 16:18	25°♑37'10	
	-4522 Mar 01 j 19:25	0°♒	
max. Earth dist.	-4522 Mar 05 j 12:05	7°♒49'58	1.32893 AU
superior conj	-4522 Mar 07 j 02:48	11°♒19'00	0°-33'-14
minimum elong	-4522 Mar 07 j 04:17	11°♒26'59	0°33'07
asc. node	-4522 Mar 10 j 08:49	18°♒22'25	
evening rise	-4522 Mar 14 j 04:22	26°♒32'36	
	-4522 Mar 15 j 20:11	0°♓	
	-4522 Apr 02 j 16:58	0°♈	
evening max el	-4522 Apr 07 j 23:15	5°♈48'41	24°13'55
retrograde	-4522 Apr 21 j 19:35	12°♈46'00	
desc. node	-4522 Apr 22 j 05:38	12°♈45'36	
evening set	-4522 Apr 26 j 04:40	12°♈03'09	
min. Earth dist.	-4522 May 02 j 11:01	8°♈58'54	0.56604 AU
inferior conj	-4522 May 05 j 00:26	7°♈22'33	-3°-8'-57
minimum elong	-4522 May 04 j 18:45	7°♈31'31	3°07'38
morning rise	-4522 May 13 j 12:51	3°♈18'34	
direct	-4522 May 15 j 23:45	3°♈02'25	
morning max el	-4522 May 25 j 14:29	7°♈30'23	19°38'09
asc. node	-4522 Jun 06 j 08:35	24°♈15'02	
	-4522 Jun 09 j 09:31	0°♉	
morning set	-4522 Jun 12 j 01:46	5°♉17'45	
superior conj	-4522 Jun 20 j 04:26	21°♉34'28	1°43'32
minimum elong	-4522 Jun 20 j 02:31	21°♉25'00	1°43'35
	-4522 Jun 24 j 12:50	0°♊	
max. Earth dist.	-4522 Jun 25 j 23:15	2°♊42'00	1.37369 AU
evening rise	-4522 Jun 29 j 21:26	9°♊52'49	
	-4522 Jul 11 j 21:39	0°♋	
desc. node	-4522 Jul 19 j 04:20	10°♋55'08	
	-4522 Aug 03 j 05:41	0°♌	
evening max el	-4522 Aug 04 j 17:56	1°♌32'13	25°22'15
retrograde	-4522 Aug 16 j 17:30	8°♌28'51	
evening set	-4522 Aug 22 j 15:43	5°♌57'10	
min. Earth dist.	-4522 Aug 27 j 02:04	0°♌58'20	0.66861 AU
	-4522 Aug 27 j 19:59	30℞♋	
inferior conj	-4522 Aug 28 j 02:24	29°♋39'05	-1°-43'-8
minimum elong	-4522 Aug 28 j 04:45	29°♋31'27	1°42'03
asc. node	-4522 Sep 02 j 07:55	23°♋55'30	
morning rise	-4522 Sep 02 j 18:17	23°♋37'28	
direct	-4522 Sep 06 j 03:38	22°♋30'53	
morning max el	-4522 Sep 13 j 12:14	26°♋44'50	19°38'04
	-4522 Sep 16 j 09:10	0°♌	
greatest brilliancy	-4522 Sep 22 j 02:20	7°♌43'20	-0.7m
	-4522 Oct 06 j 18:12	0°♍	
morning set	-4522 Oct 08 j 03:57	2°♍11'09	
desc. node	-4522 Oct 15 j 04:04	13°♍07'13	
max. Earth dist.	-4522 Oct 21 j 03:13	22°♍31'38	1.44275 AU
superior conj	-4522 Oct 24 j 22:13	28°♍34'38	0°-59'-9
minimum elong	-4522 Oct 24 j 15:49	28°♍08'58	0°58'23
	-4522 Oct 25 j 19:28	0°♎	
evening rise	-4522 Nov 08 j 01:23	21°♎48'29	
	-4522 Nov 12 j 22:20	0°♏	
evening max el	-4522 Nov 26 j 19:24	20°♏29'51	18°22'43
asc. node	-4522 Nov 29 j 06:40	22°♏37'57	
retrograde	-4522 Dec 03 j 09:19	24°♏06'19	
evening set	-4522 Dec 06 j 05:31	23°♏22'44	
inferior conj	-4522 Dec 12 j 08:48	17°♏52'02	3°33'27
minimum elong	-4522 Dec 12 j 05:48	18°♏00'33	3°32'41
min. Earth dist.	-4522 Dec 14 j 13:27	15°♏23'16	0.63950 AU
morning rise	-4522 Dec 18 j 04:37	11°♏50'21	
direct	-4522 Dec 25 j 03:25	9°♏01'33	
morning max el	-4521 Jan 07 j 17:11	16°♏44'02	27°29'01
desc. node	-4521 Jan 11 j 03:57	20°♏23'33	
	-4521 Jan 18 j 19:28	0°♐	
	-4521 Feb 06 j 10:26	0°♑	
morning set	-4521 Feb 11 j 12:55	9°♑45'04	
max. Earth dist.	-4521 Feb 16 j 15:35	20°♑09'02	1.33569 AU
superior conj	-4521 Feb 19 j 09:51	25°♑58'37	0°-57'-14
minimum elong	-4521 Feb 19 j 12:16	26°♑11'27	0°57'01
	-4521 Feb 21 j 07:02	0°♒	
asc. node	-4521 Feb 25 j 05:49	8°♒26'36	
evening rise	-4521 Feb 26 j 15:41	11°♒25'11	
	-4521 Mar 08 j 07:31	0°♓	
evening max el	-4521 Mar 20 j 16:08	16°♓32'12	22°39'43
retrograde	-4521 Apr 02 j 18:06	22°♓56'09	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4521 Apr 05 j 22:06	22°♓34'09	
desc. node	-4521 Apr 09 j 02:47	21°♓31'24	
min. Earth dist.	-4521 Apr 14 j 01:28	18°♓59'26	0.55471 AU
inferior conj	-4521 Apr 15 j 05:01	18°♓19'55	-1°-38'-34
minimum elong	-4521 Apr 15 j 00:46	18°♓26'02	1°37'16
morning rise	-4521 Apr 24 j 05:47	14°♓22'39	
direct	-4521 Apr 26 j 19:07	14°♓07'26	
morning max el	-4521 May 08 j 02:16	19°♓24'36	20°51'45
	-4521 May 16 j 12:59	0°♈	
asc. node	-4521 May 24 j 05:33	13°♈41'59	
morning set	-4521 May 27 j 08:12	19°♈57'17	
	-4521 Jun 01 j 04:37	0°♉	
superior conj	-4521 Jun 03 j 23:06	5°♉42'59	1°31'07
minimum elong	-4521 Jun 03 j 20:27	5°♉29'28	1°30'58
max. Earth dist.	-4521 Jun 08 j 07:28	14°♉28'00	1.35708 AU
evening rise	-4521 Jun 12 j 15:29	22°♉48'07	
	-4521 Jun 16 j 13:53	0°♊	
	-4521 Jul 05 j 14:19	0°♋	
desc. node	-4521 Jul 06 j 01:24	0°♋37'44	
evening max el	-4521 Jul 18 j 04:44	15°♋01'41	26°26'11
retrograde	-4521 Jul 30 j 23:39	22°♋17'08	
evening set	-4521 Aug 06 j 11:44	19°♋33'15	
min. Earth dist.	-4521 Aug 10 j 13:50	15°♋12'58	0.66077 AU
inferior conj	-4521 Aug 12 j 02:29	13°♋20'33	-2°-32'-1
minimum elong	-4521 Aug 12 j 05:44	13°♋10'34	2°30'45
morning rise	-4521 Aug 18 j 00:39	7°♋30'37	
asc. node	-4521 Aug 20 j 04:59	6°♋42'19	
direct	-4521 Aug 21 j 01:28	6°♋38'11	
morning max el	-4521 Aug 27 j 21:02	10°♋27'15	18°47'47
	-4521 Sep 10 j 17:55	0°♌	
morning set	-4521 Sep 17 j 23:18	11°♌31'14	
	-4521 Sep 29 j 14:47	0°♍	
desc. node	-4521 Oct 02 j 00:58	3°♍49'21	
superior conj	-4521 Oct 04 j 00:11	6°♍55'26	0°-12'-24
minimum elong	-4521 Oct 03 j 22:34	6°♍49'02	0°12'06
behind sun begin	-4521 Oct 03 j 14:48	6°♍18'27	
behind sun end	-4521 Oct 04 j 06:20	7°♍19'38	
max. Earth dist.	-4521 Oct 03 j 20:07	6°♍39'21	1.44793 AU
	-4521 Oct 18 j 13:22	0°♎	
evening rise	-4521 Oct 19 j 22:33	2°♎12'58	
	-4521 Nov 06 j 22:58	0°♏	
evening max el	-4521 Nov 10 j 06:37	3°♏54'48	18°54'46
asc. node	-4521 Nov 16 j 03:47	7°♏42'46	
retrograde	-4521 Nov 17 j 03:03	7°♏48'03	
evening set	-4521 Nov 20 j 05:00	6°♏53'39	
inferior conj	-4521 Nov 26 j 01:05	1°♏06'29	2°57'29
minimum elong	-4521 Nov 25 j 21:53	1°♏16'20	2°56'29
	-4521 Nov 26 j 22:37	30°℞♎	
min. Earth dist.	-4521 Nov 27 j 15:25	29°♎08'34	0.65309 AU
morning rise	-4521 Dec 01 j 13:45	24°♎56'54	
direct	-4521 Dec 08 j 03:03	22°♎08'44	
morning max el	-4521 Dec 21 j 02:51	29°♎41'47	26°44'50
	-4521 Dec 21 j 10:07	0°♏	
desc. node	-4521 Dec 29 j 00:56	8°♏45'45	
	-4520 Jan 12 j 16:49	0°♐	
morning set	-4520 Jan 25 j 22:39	23°♐14'59	
	-4520 Jan 29 j 10:00	0°♑	
max. Earth dist.	-4520 Jan 30 j 08:27	1°♑51'45	1.34675 AU
superior conj	-4520 Feb 03 j 11:34	10°♑17'05	-1°-19'-10
minimum elong	-4520 Feb 03 j 14:33	10°♑32'36	1°18'58
evening rise	-4520 Feb 11 j 01:00	26°♑05'39	
asc. node	-4520 Feb 12 j 02:49	28°♑18'34	
	-4520 Feb 12 j 22:45	0°♒	
evening max el	-4520 Mar 01 j 15:39	27°♒33'07	21°10'58
	-4520 Mar 04 j 14:07	0°♓	
retrograde	-4520 Mar 13 j 08:05	3°♓07'49	
evening set	-4520 Mar 15 j 19:45	2°♓53'34	
	-4520 Mar 23 j 02:06	30°℞♒	
inferior conj	-4520 Mar 25 j 00:35	28°♒54'56	0°16'06
minimum elong	-4520 Mar 25 j 01:20	28°♒53'53	0°15'44
transit middle	-4520 Mar 25 j 01:20	28°♒53'53	0°15'44
transit begin	-4520 Mar 25 j 00:53	28°♒54'31	
transit end	-4520 Mar 25 j 01:46	28°♒53'15	
min. Earth dist.	-4520 Mar 25 j 15:47	28°♒33'23	0.55207 AU
desc. node	-4520 Mar 25 j 23:55	28°♒21'52	
morning rise	-4520 Apr 03 j 06:12	24°♒47'14	
direct	-4520 Apr 06 j 07:22	24°♒26'53	
	-4520 Apr 18 j 10:57	0°♓	
morning max el	-4520 Apr 19 j 03:18	0°♓37'33	22°21'44
	-4520 May 08 j 09:33	0°♈	
asc. node	-4520 May 10 j 02:31	3°♈28'59	
morning set	-4520 May 10 j 18:21	4°♈51'00	
superior conj	-4520 May 18 j 01:30	20°♈16'45	1°13'54
minimum elong	-4520 May 17 j 22:51	20°♈02'48	1°13'34
max. Earth dist.	-4520 May 21 j 01:39	26°♈33'21	1.34397 AU
	-4520 May 22 j 18:04	0°♉	
evening rise	-4520 May 26 j 00:42	6°♉31'00	
	-4520 Jun 08 j 05:04	0°♊	
desc. node	-4520 Jun 21 j 22:29	19°♊45'35	
evening max el	-4520 Jun 29 j 16:09	28°♊24'14	27°09'35
	-4520 Jul 01 j 09:33	0°♋	
retrograde	-4520 Jul 13 j 00:34	5°♋47'37	
evening set	-4520 Jul 19 j 23:10	3°♋00'48	
	-4520 Jul 23 j 03:01	30°℞♊	
min. Earth dist.	-4520 Jul 23 j 18:13	29°♊18'31	0.64922 AU
inferior conj	-4520 Jul 25 j 20:25	26°♊56'40	-3°-15'-33
minimum elong	-4520 Jul 26 j 00:05	26°♊46'17	3°14'23
morning rise	-4520 Aug 01 j 02:23	21°♊21'38	
direct	-4520 Aug 03 j 21:05	20°♊40'06	
asc. node	-4520 Aug 06 j 02:03	21°♊06'04	
morning max el	-4520 Aug 10 j 10:03	24°♊12'37	18°14'06
	-4520 Aug 15 j 02:41	0°♋	
morning set	-4520 Aug 28 j 21:53	22°♋10'23	
	-4520 Sep 02 j 15:16	0°♌	
superior conj	-4520 Sep 12 j 03:07	15°♌23'34	0°36'03
minimum elong	-4520 Sep 12 j 07:21	15°♌40'28	0°35'41
max. Earth dist.	-4520 Sep 15 j 13:57	20°♌52'49	1.44587 AU
desc. node	-4520 Sep 17 j 21:54	24°♌33'42	
	-4520 Sep 21 j 09:00	0°♍	
evening rise	-4520 Sep 28 j 19:08	11°♍34'46	
	-4520 Oct 10 j 17:56	0°♎	
greatest brilliancy	-4520 Oct 15 j 11:09	6°♎59'04	-0.7m
evening max el	-4520 Oct 23 j 14:06	17°♎21'57	19°43'08
retrograde	-4520 Oct 30 j 23:39	21°♎40'02	
asc. node	-4520 Nov 02 j 00:55	21°♎15'34	
evening set	-4520 Nov 03 j 09:31	20°♎32'08	
inferior conj	-4520 Nov 09 j 00:12	14°♎31'37	2°13'41
minimum elong	-4520 Nov 08 j 21:27	14°♎40'34	2°12'41
min. Earth dist.	-4520 Nov 10 j 01:26	13°♎09'06	0.66316 AU
morning rise	-4520 Nov 14 j 08:41	8°♎16'47	
direct	-4520 Nov 20 j 08:28	5°♎40'27	
morning max el	-4520 Dec 02 j 11:57	12°♎51'08	25°37'09
desc. node	-4520 Dec 14 j 21:56	27°♎54'39	
	-4520 Dec 16 j 10:02	0°♏	
	-4519 Jan 04 j 09:54	0°♐	
morning set	-4519 Jan 07 j 16:55	5°♐53'20	
max. Earth dist.	-4519 Jan 11 j 13:42	13°♐04'50	1.36230 AU
superior conj	-4519 Jan 17 j 05:18	24°♐06'37	-1°-37'-26

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4519 Jan 17 j 08:14	24°♐21'17	1°37'23	
	-4519 Jan 20 j 03:18	0°♑		
evening rise	-4519 Jan 25 j 06:27	10°♑28'20		
asc. node	-4519 Jan 28 j 23:52	17°♑53'07		
	-4519 Feb 04 j 20:15	0°♒		
evening max el	-4519 Feb 12 j 01:15	9°♒06'50	19°56'26	
retrograde	-4519 Feb 22 j 01:01	13°♒50'44		
evening set	-4519 Feb 24 j 09:06	13°♒36'22		
inferior conj	-4519 Mar 05 j 01:06	9°♒35'28	2°03'47	
minimum elong	-4519 Mar 05 j 05:46	9°♒28'17	2°02'13	
min. Earth dist.	-4519 Mar 07 j 05:59	8°♒14'31	0.55869 AU	
desc. node	-4519 Mar 12 j 21:05	5°♒24'31		
morning rise	-4519 Mar 13 j 23:25	5°♒02'51		
direct	-4519 Mar 18 j 00:54	4°♒26'21		
morning max el	-4519 Mar 31 j 20:18	11°♒19'47	24°00'22	
	-4519 Apr 14 j 20:46	0°♓		
morning set	-4519 Apr 25 j 06:22	19°♓52'30		
asc. node	-4519 Apr 26 j 23:29	23°♓29'53		
	-4519 Apr 30 j 00:06	0°♈		
superior conj	-4519 May 02 j 09:00	5°♈07'00	0°53'17	
minimum elong	-4519 May 02 j 06:51	4°♈55'28	0°52'53	
max. Earth dist.	-4519 May 04 j 05:29	9°♈05'28	1.33455 AU	
evening rise	-4519 May 09 j 20:40	20°♈47'33		
	-4519 May 14 j 14:12	0°♉		
	-4519 Jun 02 j 05:24	0°♊		
desc. node	-4519 Jun 08 j 19:36	8°♊03'30		
evening max el	-4519 Jun 12 j 02:27	11°♊26'59	27°25'28	
retrograde	-4519 Jun 25 j 19:23	18°♊51'20		
evening set	-4519 Jul 02 j 22:44	16°♊13'54		
min. Earth dist.	-4519 Jul 06 j 13:20	13°♊04'41	0.63394 AU	
inferior conj	-4519 Jul 09 j 05:31	10°♊21'18	-3°-50'-30	
minimum elong	-4519 Jul 09 j 08:47	10°♊12'58	3°49'45	
morning rise	-4519 Jul 15 j 20:48	5°♊04'24		
direct	-4519 Jul 18 j 11:33	4°♊31'08		
asc. node	-4519 Jul 23 j 23:07	6°♊56'12		
morning max el	-4519 Jul 25 j 00:48	7°♊55'29	17°58'03	
	-4519 Aug 08 j 14:18	0°♋		
morning set	-4519 Aug 10 j 21:19	4°♋00'10		
superior conj	-4519 Aug 23 j 02:52	24°♋54'07	1°14'35	
minimum elong	-4519 Aug 23 j 08:43	25°♋18'23	1°14'11	
	-4519 Aug 26 j 05:14	0°♌		
max. Earth dist.	-4519 Aug 29 j 05:37	4°♌53'13	1.43688 AU	
desc. node	-4519 Sep 04 j 18:51	15°♌16'41		
evening rise	-4519 Sep 08 j 00:00	20°♌16'52		
	-4519 Sep 14 j 08:15	0°♍		
greatest brilliancy	-4519 Sep 30 j 18:50	23°♍47'58	-0.5m	
	-4519 Oct 05 j 21:40	0°♎		
evening max el	-4519 Oct 06 j 15:58	0°♎48'10	20°45'45	
retrograde	-4519 Oct 14 j 20:46	5°♎38'39		
evening set	-4519 Oct 18 j 16:49	4°♎14'28		
asc. node	-4519 Oct 19 j 22:04	3°♎12'30		
	-4519 Oct 22 j 17:01	30°℞♍		
inferior conj	-4519 Oct 24 j 03:44	28°♍03'49	1°24'45	
minimum elong	-4519 Oct 24 j 01:51	28°♍10'11	1°24'01	
min. Earth dist.	-4519 Oct 24 j 17:17	27°♍17'44	0.66980 AU	
morning rise	-4519 Oct 29 j 10:28	21°♍46'26		
direct	-4519 Nov 03 j 18:56	19°♍28'47		
morning max el	-4519 Nov 14 j 20:42	26°♍04'56	24°15'29	
	-4519 Nov 18 j 11:13	0°♎		
desc. node	-4519 Dec 01 j 18:54	17°♎36'25		
	-4519 Dec 10 j 00:13	0°♏		
morning set	-4519 Dec 20 j 13:56	17°♏24'26		
max. Earth dist.	-4519 Dec 24 j 11:12	24°♏15'36	1.38141 AU	
	-4519 Dec 27 j 14:42	0°♐		

superior conj	-4519 Dec 31 j 11:34	7°♐17'21	-1°-49'-51	
minimum elong	-4519 Dec 31 j 13:26	7°♐26'18	1°50'00	
evening rise	-4518 Jan 09 j 05:45	24°♐27'02		
	-4518 Jan 12 j 01:58	0°♑		
asc. node	-4518 Jan 15 j 20:57	7°♑04'03		
evening max el	-4518 Jan 25 j 21:02	21°♑15'56	19°00'33	
retrograde	-4518 Feb 03 j 08:54	25°♑20'11		
evening set	-4518 Feb 05 j 18:33	25°♑02'02		
inferior conj	-4518 Feb 13 j 17:59	20°♑45'48	3°19'13	
minimum elong	-4518 Feb 13 j 22:33	20°♑37'43	3°18'06	
min. Earth dist.	-4518 Feb 16 j 21:15	18°♑33'57	0.57290 AU	
morning rise	-4518 Feb 21 j 22:52	15°♑43'49		
direct	-4518 Feb 27 j 06:13	14°♑37'12		
desc. node	-4518 Feb 27 j 18:14	14°♑37'48		
morning max el	-4518 Mar 13 j 11:19	21°♑57'00	25°34'40	
	-4518 Mar 20 j 12:49	0°♒		
	-4518 Apr 07 j 09:13	0°♓		
morning set	-4518 Apr 09 j 18:34	4°♓55'54		
asc. node	-4518 Apr 13 j 20:29	13°♓39'50		
superior conj	-4518 Apr 16 j 19:33	20°♓06'58	0°30'21	
minimum elong	-4518 Apr 16 j 18:15	19°♓59'52	0°30'01	
max. Earth dist.	-4518 Apr 17 j 15:59	21°♓58'14	1.32862 AU	
	-4518 Apr 21 j 09:31	0°♈		
evening rise	-4518 Apr 24 j 00:05	5°♈27'02		
	-4518 May 07 j 05:51	0°♉		
evening max el	-4518 May 25 j 09:02	23°♉57'13	27°09'19	
desc. node	-4518 May 26 j 16:44	25°♉10'28		
	-4518 Jun 02 j 17:15	0°♊		
retrograde	-4518 Jun 08 j 07:33	1°♊19'52		
	-4518 Jun 13 j 16:07	30°℞♉		
evening set	-4518 Jun 15 j 06:30	29°♉05'41		
min. Earth dist.	-4518 Jun 18 j 22:26	26°♉18'29	0.61544 AU	
inferior conj	-4518 Jun 22 j 02:35	23°♉27'22	-4°-12'-1	
minimum elong	-4518 Jun 22 j 04:14	23°♉23'38	4°11'45	
morning rise	-4518 Jun 29 j 04:44	18°♉31'24		
direct	-4518 Jul 01 j 17:16	18°♉04'28		
morning max el	-4518 Jul 08 j 14:36	21°♉30'16	18°00'32	
asc. node	-4518 Jul 10 j 20:11	23°♉57'42		
	-4518 Jul 15 j 02:32	0°♊		
morning set	-4518 Jul 24 j 16:18	16°♊46'25		
	-4518 Jul 31 j 23:29	0°♋		
superior conj	-4518 Aug 04 j 06:22	5°♋47'32	1°38'25	
minimum elong	-4518 Aug 04 j 10:15	6°♋04'26	1°38'22	
max. Earth dist.	-4518 Aug 11 j 16:08	18°♋22'04	1.42219 AU	
evening rise	-4518 Aug 18 j 08:14	29°♋09'51		
	-4518 Aug 18 j 20:54	0°♌		
desc. node	-4518 Aug 22 j 15:48	5°♌55'04		
	-4518 Sep 08 j 00:32	0°♍		
greatest brilliancy	-4518 Sep 14 j 16:19	8°♍45'56	-0.4m	
evening max el	-4518 Sep 19 j 11:27	14°♍12'41	21°59'27	
retrograde	-4518 Sep 28 j 16:36	19°♍41'11		
evening set	-4518 Oct 03 j 00:57	17°♍58'25		
asc. node	-4518 Oct 06 j 19:13	13°♍51'55		
inferior conj	-4518 Oct 08 j 09:40	11°♍41'08	0°32'44	
minimum elong	-4518 Oct 08 j 08:55	11°♍43'44	0°32'30	
min. Earth dist.	-4518 Oct 08 j 12:39	11°♍30'51	0.67330 AU	
morning rise	-4518 Oct 13 j 16:42	5°♍23'59		
direct	-4518 Oct 18 j 09:56	3°♍27'41		
morning max el	-4518 Oct 28 j 07:18	9°♍21'45	22°49'12	
greatest brilliancy	-4518 Nov 02 j 02:13	14°♍44'56	-0.3m	
	-4518 Nov 13 j 10:20	0°♎		
desc. node	-4518 Nov 18 j 15:50	7°♎41'10		
morning set	-4518 Dec 01 j 07:53	27°♎34'06		
	-4518 Dec 02 j 19:12	0°♏		
max. Earth dist.	-4518 Dec 06 j 08:01	5°♏57'20	1.40201 AU	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4518 Dec 14 j 01:37	19°♏36'10	-1°-53'-34
minimum elong	-4518 Dec 14 j 01:05	19°♏33'43	1°53'45
	-4518 Dec 19 j 16:06	0°♐	
evening rise	-4518 Dec 23 j 20:03	7°♐53'59	
asc. node	-4517 Jan 02 j 18:02	25°♐42'49	
	-4517 Jan 05 j 16:19	0°♑	
evening max el	-4517 Jan 09 j 01:07	3°♑54'23	18°24'41
retrograde	-4517 Jan 16 j 11:14	7°♑33'58	
evening set	-4517 Jan 18 j 23:15	7°♑10'15	
inferior conj	-4517 Jan 26 j 07:12	2°♑33'21	3°57'02
minimum elong	-4517 Jan 26 j 09:10	2°♑29'18	3°56'39
	-4517 Jan 29 j 10:11	30°℞♐	
min. Earth dist.	-4517 Jan 29 j 16:05	29°♐48'26	0.59165 AU
morning rise	-4517 Feb 02 j 15:45	27°♐07'07	
direct	-4517 Feb 09 j 00:13	25°♐21'36	
desc. node	-4517 Feb 14 j 15:21	26°♐40'08	
	-4517 Feb 19 j 22:31	0°♑	
morning max el	-4517 Feb 23 j 06:02	2°♑55'42	26°49'26
	-4517 Mar 14 j 20:44	0°♒	
morning set	-4517 Mar 25 j 05:07	19°♒53'24	
	-4517 Mar 29 j 22:42	0°♓	
asc. node	-4517 Mar 31 j 17:29	3°♓53'27	
superior conj	-4517 Apr 01 j 07:17	5°♓09'00	0°06'00
minimum elong	-4517 Apr 01 j 07:01	5°♓07'34	0°05'50
behind sun begin	-4517 Apr 01 j 02:21	4°♓42'01	
behind sun end	-4517 Apr 01 j 11:42	5°♓33'07	
max. Earth dist.	-4517 Apr 01 j 05:20	4°♓58'18	1.32602 AU
evening rise	-4517 Apr 08 j 08:14	20°♓19'15	
	-4517 Apr 13 j 03:24	0°♈	
	-4517 May 02 j 02:14	0°♉	
evening max el	-4517 May 07 j 09:46	5°♉46'04	26°20'54
desc. node	-4517 May 13 j 13:53	10°♉36'48	
retrograde	-4517 May 21 j 11:52	13°♉05'04	
evening set	-4517 May 27 j 18:32	11°♉25'54	
min. Earth dist.	-4517 May 31 j 22:43	8°♉44'16	0.59507 AU
inferior conj	-4517 Jun 04 j 07:56	6°♉05'30	-4°-12'-52
minimum elong	-4517 Jun 04 j 06:39	6°♉08'02	4°12'42
morning rise	-4517 Jun 11 j 22:29	1°♉31'39	
direct	-4517 Jun 14 j 09:50	1°♉09'51	
morning max el	-4517 Jun 22 j 00:38	4°♉48'53	18°22'29
asc. node	-4517 Jun 27 j 17:13	11°♉55'04	
	-4517 Jul 07 j 22:21	0°♊	
morning set	-4517 Jul 08 j 01:49	0°♊16'30	
superior conj	-4517 Jul 17 j 10:33	17°♊55'31	1°48'31
minimum elong	-4517 Jul 17 j 11:37	18°♊00'27	1°48'43
	-4517 Jul 24 j 04:58	0°♋	
max. Earth dist.	-4517 Jul 24 j 20:35	1°♋07'27	1.40385 AU
evening rise	-4517 Jul 29 j 13:16	9°♋02'56	
desc. node	-4517 Aug 09 j 12:46	26°♋25'21	
	-4517 Aug 11 j 22:00	0°♌	
greatest brilliancy	-4517 Aug 26 j 13:58	20°♌15'10	-0.2m
evening max el	-4517 Sep 02 j 01:32	27°♌37'42	23°19'32
	-4517 Sep 04 j 14:42	0°♍	
retrograde	-4517 Sep 12 j 09:45	3°♍45'13	
evening set	-4517 Sep 17 j 08:06	1°♍42'43	
	-4517 Sep 19 j 01:56	30°℞♌	
inferior conj	-4517 Sep 22 j 16:15	25°♌22'22	0°-20'-32
minimum elong	-4517 Sep 22 j 16:44	25°♌20'45	0°20'13
min. Earth dist.	-4517 Sep 22 j 09:03	25°♌47'07	0.67385 AU
asc. node	-4517 Sep 23 j 16:21	24°♌00'09	
morning rise	-4517 Sep 28 j 01:24	19°♌08'33	
direct	-4517 Oct 02 j 04:41	17°♌33'16	
morning max el	-4517 Oct 10 j 22:44	22°♌44'11	21°26'37
greatest brilliancy	-4517 Oct 16 j 04:24	28°♌47'37	-0.4m
	-4517 Oct 17 j 03:01	0°♍	
desc. node	-4517 Nov 05 j 12:44	28°♍02'15	
	-4517 Nov 06 j 19:18	0°♎	
morning set	-4517 Nov 10 j 22:04	6°♎25'25	
max. Earth dist.	-4517 Nov 18 j 09:59	18°♎29'19	1.42131 AU
	-4517 Nov 25 j 06:23	0°♏	
superior conj	-4517 Nov 25 j 17:53	0°♏49'28	-1°-44'-58
minimum elong	-4517 Nov 25 j 13:50	0°♏32'02	1°44'51
evening rise	-4517 Dec 06 j 21:48	20°♏41'26	
	-4517 Dec 12 j 01:34	0°♐	
asc. node	-4517 Dec 20 j 15:08	13°♐39'25	
evening max el	-4517 Dec 23 j 10:51	16°♐54'55	18°08'51
retrograde	-4517 Dec 30 j 05:50	20°♐23'50	
evening set	-4516 Jan 01 j 20:24	19°♐53'23	
inferior conj	-4516 Jan 08 j 15:19	14°♐54'39	4°04'01
minimum elong	-4516 Jan 08 j 14:34	14°♐56'26	4°03'47
min. Earth dist.	-4516 Jan 11 j 17:31	12°♐00'18	0.61165 AU
morning rise	-4516 Jan 15 j 06:13	9°♐11'24	
direct	-4516 Jan 22 j 04:59	6°♐50'32	
desc. node	-4516 Feb 01 j 12:27	11°♐12'23	
morning max el	-4516 Feb 05 j 06:48	14°♐31'42	27°32'57
	-4516 Feb 17 j 20:06	0°♑	
	-4516 Mar 06 j 05:10	0°♒	
morning set	-4516 Mar 08 j 12:07	4°♒38'02	
max. Earth dist.	-4516 Mar 14 j 17:47	17°♒52'20	1.32683 AU
superior conj	-4516 Mar 15 j 18:34	20°♒07'13	0°-18'-56
minimum elong	-4516 Mar 15 j 19:25	20°♒11'51	0°18'55
asc. node	-4516 Mar 17 j 14:27	24°♒06'39	
	-4516 Mar 20 j 07:34	0°♓	
evening rise	-4516 Mar 22 j 19:01	5°♓16'50	
	-4516 Apr 05 j 00:47	0°♈	
evening max el	-4516 Apr 18 j 04:38	16°♈55'42	25°05'24
desc. node	-4516 Apr 29 j 11:04	23°♈46'13	
retrograde	-4516 May 02 j 05:53	24°♈04'23	
evening set	-4516 May 07 j 09:03	23°♈03'29	
min. Earth dist.	-4516 May 12 j 17:04	20°♈10'52	0.57556 AU
inferior conj	-4516 May 15 j 18:19	18°♈06'42	-3°-43'-20
minimum elong	-4516 May 15 j 13:43	18°♈14'34	3°42'32
morning rise	-4516 May 23 j 22:34	13°♈53'08	
direct	-4516 May 26 j 09:18	13°♈35'22	
morning max el	-4516 Jun 04 j 03:53	17°♈41'35	19°04'36
	-4516 Jun 13 j 06:00	0°♉	
asc. node	-4516 Jun 13 j 14:12	0°♉35'13	
morning set	-4516 Jun 20 j 21:50	14°♉20'07	
	-4516 Jun 28 j 20:49	0°♊	
superior conj	-4516 Jun 29 j 09:35	1°♊01'33	1°47'46
minimum elong	-4516 Jun 29 j 08:29	0°♊56'14	1°47'56
max. Earth dist.	-4516 Jul 05 j 21:58	13°♊12'54	1.38444 AU
evening rise	-4516 Jul 09 j 20:48	20°♊13'49	
	-4516 Jul 15 j 15:38	0°♋	
desc. node	-4516 Jul 26 j 09:47	16°♋42'31	
	-4516 Aug 04 j 23:43	0°♌	
evening max el	-4516 Aug 14 j 12:42	11°♌05'36	24°39'30
retrograde	-4516 Aug 25 j 23:03	17°♌46'47	
evening set	-4516 Aug 31 j 12:29	15°♌25'10	
min. Earth dist.	-4516 Sep 05 j 04:00	10°♌04'37	0.67144 AU
inferior conj	-4516 Sep 05 j 21:44	9°♌05'22	-1°-13'-29
minimum elong	-4516 Sep 05 j 23:26	8°♌59'42	1°12'38
asc. node	-4516 Sep 09 j 13:28	4°♌36'31	
morning rise	-4516 Sep 11 j 10:41	2°♌58'09	
direct	-4516 Sep 15 j 01:59	1°♌41'48	
morning max el	-4516 Sep 22 j 20:59	6°♌14'14	20°13'48
greatest brilliancy	-4516 Sep 29 j 19:52	14°♌44'48	-0.6m
	-4516 Oct 10 j 07:24	0°♍	
morning set	-4516 Oct 19 j 20:43	14°♍37'32	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4516 Oct 22 j 09:35	18°♍34'09	
	-4516 Oct 29 j 15:35	0°♎	
max. Earth dist.	-4516 Oct 30 j 19:18	1°♎50'47	1.43663 AU
superior conj	-4516 Nov 05 j 07:14	10°♎45'21	-1°-20'-38
minimum elong	-4516 Nov 05 j 00:32	10°♎17'51	1°20'00
	-4516 Nov 16 j 17:34	0°♏	
evening rise	-4516 Nov 18 j 06:35	2°♏39'48	
	-4516 Dec 05 j 19:42	0°♐	
evening max el	-4516 Dec 05 j 23:16	0°♐09'08	18°12'23
asc. node	-4516 Dec 06 j 12:14	0°♐40'51	
retrograde	-4516 Dec 12 j 12:33	3°♐39'35	
evening set	-4516 Dec 15 j 06:24	3°♐01'09	
	-4516 Dec 19 j 08:42	30°℞♏	
inferior conj	-4516 Dec 21 j 14:45	27°♏41'29	3°49'05
minimum elong	-4516 Dec 21 j 12:15	27°♏48'09	3°48'33
min. Earth dist.	-4516 Dec 24 j 03:52	24°♏59'05	0.63018 AU
morning rise	-4516 Dec 27 j 16:20	21°♏45'55	
direct	-4515 Jan 03 j 17:56	19°♏02'50	
morning max el	-4515 Jan 17 j 12:49	26°♏45'54	27°40'34
desc. node	-4515 Jan 18 j 09:29	27°♏37'45	
	-4515 Jan 20 j 14:40	0°♐	
	-4515 Feb 10 j 09:31	0°♑	
morning set	-4515 Feb 20 j 13:19	19°♑01'43	
	-4515 Feb 25 j 20:28	0°♒	
max. Earth dist.	-4515 Feb 26 j 01:37	0°♒27'22	1.33128 AU
superior conj	-4515 Feb 28 j 03:41	4°♒55'27	0°-43'-34
minimum elong	-4515 Feb 28 j 05:35	5°♒05'41	0°43'24
asc. node	-4515 Mar 04 j 11:27	14°♒15'25	
evening rise	-4515 Mar 07 j 06:39	20°♒13'11	
	-4515 Mar 12 j 02:16	0°♓	
evening max el	-4515 Mar 30 j 20:50	27°♓42'22	23°34'03
	-4515 Apr 02 j 11:50	0°♈	
retrograde	-4515 Apr 13 j 11:11	4°♈27'04	
desc. node	-4515 Apr 16 j 08:14	4°♈08'45	
evening set	-4515 Apr 17 j 06:50	3°♈55'05	
min. Earth dist.	-4515 Apr 24 j 08:13	0°♈39'30	0.56032 AU
	-4515 Apr 25 j 10:42	30°℞♓	
inferior conj	-4515 Apr 26 j 08:49	29°♓26'41	-2°-35'-7
minimum elong	-4515 Apr 26 j 03:10	29°♓35'12	2°33'35
morning rise	-4515 May 05 j 02:55	25°♓26'55	
direct	-4515 May 07 j 14:20	25°♓11'31	
	-4515 May 17 j 22:03	0°♈	
morning max el	-4515 May 17 j 21:46	29°♓59'21	20°07'03
asc. node	-4515 May 31 j 11:11	19°♈48'01	
morning set	-4515 Jun 05 j 01:16	28°♈49'30	
	-4515 Jun 05 j 15:11	0°♉	
superior conj	-4515 Jun 12 j 22:21	14°♉51'25	1°38'58
minimum elong	-4515 Jun 12 j 20:01	14°♉39'44	1°38'56
max. Earth dist.	-4515 Jun 18 j 02:32	25°♉00'42	1.36632 AU
	-4515 Jun 20 j 18:02	0°♊	
evening rise	-4515 Jun 22 j 03:53	2°♊35'59	
	-4515 Jul 08 j 16:27	0°♋	
desc. node	-4515 Jul 13 j 06:51	6°♋40'36	
evening max el	-4515 Jul 27 j 23:29	24°♋37'00	25°51'28
	-4515 Aug 03 j 18:09	0°♌	
retrograde	-4515 Aug 09 j 07:50	1°♌42'10	
	-4515 Aug 14 j 07:53	30°℞♋	
evening set	-4515 Aug 15 j 12:12	29°♋04'42	
min. Earth dist.	-4515 Aug 19 j 19:04	24°♋22'01	0.66578 AU
inferior conj	-4515 Aug 21 j 00:23	22°♋48'44	-2°-4'-22
minimum elong	-4515 Aug 21 j 03:09	22°♋39'54	2°03'10
morning rise	-4515 Aug 26 j 18:44	16°♋51'32	
asc. node	-4515 Aug 27 j 10:32	16°♋29'27	
direct	-4515 Aug 30 j 00:17	15°♋51'11	
morning max el	-4515 Sep 06 j 02:21	19°♋53'11	19°14'40
	-4515 Sep 13 j 23:42	0°♌	
morning set	-4515 Sep 29 j 03:16	23°♌19'18	
	-4515 Oct 03 j 09:28	0°♍	
desc. node	-4515 Oct 09 j 06:29	9°♍13'37	
max. Earth dist.	-4515 Oct 13 j 10:52	15°♍49'17	1.44592 AU
superior conj	-4515 Oct 15 j 18:42	19°♍30'19	0°-40'-21
minimum elong	-4515 Oct 15 j 13:45	19°♍10'43	0°39'41
	-4515 Oct 22 j 08:17	0°♎	
evening rise	-4515 Oct 30 j 17:53	13°♎40'57	
	-4515 Nov 09 j 17:13	0°♏	
evening max el	-4515 Nov 19 j 11:40	13°♏31'26	18°34'18
asc. node	-4515 Nov 23 j 09:21	16°♏32'43	
retrograde	-4515 Nov 26 j 03:20	17°♏13'41	
evening set	-4515 Nov 29 j 01:51	16°♏25'36	
inferior conj	-4515 Dec 05 j 01:49	10°♏47'24	3°19'19
minimum elong	-4515 Dec 04 j 22:38	10°♏56'46	3°18'27
min. Earth dist.	-4515 Dec 07 j 00:12	8°♏31'12	0.64573 AU
morning rise	-4515 Dec 10 j 18:12	4°♏42'16	
direct	-4515 Dec 17 j 13:41	1°♏52'22	
morning max el	-4515 Dec 30 j 21:59	9°♏31'19	27°13'44
desc. node	-4514 Jan 05 j 06:28	15°♏24'21	
	-4514 Jan 16 j 01:41	0°♐	
	-4514 Feb 02 j 17:36	0°♑	
morning set	-4514 Feb 04 j 05:45	2°♑54'24	
max. Earth dist.	-4514 Feb 09 j 01:04	12°♑31'45	1.33983 AU
superior conj	-4514 Feb 12 j 08:45	19°♑26'43	-1°-6'-52
minimum elong	-4514 Feb 12 j 11:28	19°♑41'03	1°06'39
	-4514 Feb 17 j 08:06	0°♒	
asc. node	-4514 Feb 19 j 08:28	4°♒14'59	
evening rise	-4514 Feb 19 j 17:21	5°♒01'23	
	-4514 Mar 05 j 13:05	0°♓	
evening max el	-4514 Mar 12 j 15:56	8°♓30'30	22°00'44
retrograde	-4514 Mar 25 j 04:49	14°♓34'34	
evening set	-4514 Mar 28 j 00:22	14°♓16'59	
desc. node	-4514 Apr 03 j 05:25	11°♓54'02	
inferior conj	-4514 Apr 06 j 08:03	10°♓11'28	0°-51'-16
minimum elong	-4514 Apr 06 j 05:41	10°♓14'48	0°50'34
min. Earth dist.	-4514 Apr 05 j 22:11	10°♓25'22	0.55245 AU
morning rise	-4514 Apr 15 j 12:13	6°♓12'23	
direct	-4514 Apr 18 j 05:18	5°♓55'53	
morning max el	-4514 Apr 30 j 04:48	11°♓35'28	21°28'20
	-4514 May 13 j 10:17	0°♈	
asc. node	-4514 May 18 j 08:09	9°♈24'34	
morning set	-4514 May 20 j 09:35	13°♈36'25	
superior conj	-4514 May 27 j 20:42	29°♈12'06	1°24'20
minimum elong	-4514 May 27 j 17:59	28°♈58'00	1°24'04
	-4514 May 28 j 05:57	0°♉	
max. Earth dist.	-4514 May 31 j 15:11	6°♉54'55	1.35111 AU
evening rise	-4514 Jun 05 j 05:01	15°♉53'26	
	-4514 Jun 12 j 23:35	0°♊	
desc. node	-4514 Jun 30 j 03:58	26°♊10'07	
	-4514 Jul 03 j 04:02	0°♋	
evening max el	-4514 Jul 10 j 10:41	8°♋04'57	26°47'26
retrograde	-4514 Jul 23 j 11:38	15°♋24'11	
evening set	-4514 Jul 30 j 04:55	12°♋37'36	
min. Earth dist.	-4514 Aug 03 j 03:50	8°♋33'59	0.65644 AU
inferior conj	-4514 Aug 04 j 22:09	6°♋28'27	-2°-51'-17
minimum elong	-4514 Aug 05 j 01:40	6°♋18'02	2°50'01
morning rise	-4514 Aug 10 j 23:28	0°♋44'38	
	-4514 Aug 13 j 04:20	30°℞♊	
direct	-4514 Aug 13 j 21:30	29°♊57'08	
asc. node	-4514 Aug 14 j 07:36	29°♊58'08	
	-4514 Aug 14 j 14:45	0°♋	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4514 Aug 20 j 13:17	3°♋37'43	18°31'21
	-4514 Sep 07 j 10:29	0°♌	
morning set	-4514 Sep 09 j 10:04	3°♌13'14	
superior conj	-4514 Sep 24 j 18:08	27°♌45'50	0°08'46
minimum elong	-4514 Sep 24 j 19:17	27°♌50'24	0°08'45
behind sun begin	-4514 Sep 24 j 09:38	27°♌12'15	
behind sun end	-4514 Sep 25 j 04:57	28°♌28'31	
max. Earth dist.	-4514 Sep 26 j 05:06	0°♍03'47	1.44799 AU
desc. node	-4514 Sep 26 j 03:26	29°♌57'14	
	-4514 Sep 26 j 04:08	0°♍	
evening rise	-4514 Oct 11 j 04:21	23°♍38'30	
	-4514 Oct 15 j 04:59	0°♎	
evening max el	-4514 Nov 02 j 21:31	26°♎57'32	19°13'25
	-4514 Nov 06 j 14:12	0°♏	
retrograde	-4514 Nov 09 j 22:45	1°♏00'35	
asc. node	-4514 Nov 10 j 06:27	1°♏00'00	
evening set	-4514 Nov 13 j 03:48	0°♏00'41	
	-4514 Nov 13 j 04:14	30°℞♎	
inferior conj	-4514 Nov 18 j 21:21	24°♎07'06	2°39'40
minimum elong	-4514 Nov 18 j 18:17	24°♎16'50	2°38'38
min. Earth dist.	-4514 Nov 20 j 05:49	22°♎24'13	0.65776 AU
morning rise	-4514 Nov 24 j 07:54	17°♎54'55	
direct	-4514 Nov 30 j 15:39	15°♎11'00	
morning max el	-4514 Dec 13 j 07:47	22°♎36'11	26°18'31
	-4514 Dec 19 j 21:39	0°♏	
desc. node	-4514 Dec 23 j 03:27	4°♏08'28	
	-4513 Jan 09 j 08:01	0°♐	
morning set	-4513 Jan 18 j 09:35	16°♐04'26	
max. Earth dist.	-4513 Jan 22 j 13:15	24°♐01'38	1.35281 AU
	-4513 Jan 25 j 13:19	0°♑	
superior conj	-4513 Jan 27 j 07:26	3°♑33'52	-1°-27'-28
minimum elong	-4513 Jan 27 j 10:30	3°♑49'34	1°27'20
evening rise	-4513 Feb 04 j 01:19	19°♑35'22	
asc. node	-4513 Feb 06 j 05:31	24°♑00'30	
	-4513 Feb 09 j 07:10	0°♒	
evening max el	-4513 Feb 22 j 19:22	19°♒43'42	20°37'12
retrograde	-4513 Mar 05 j 18:52	24°♒56'50	
evening set	-4513 Mar 08 j 03:46	24°♒43'13	
inferior conj	-4513 Mar 17 j 03:59	20°♒45'13	1°04'30
minimum elong	-4513 Mar 17 j 06:48	20°♒41'07	1°03'24
min. Earth dist.	-4513 Mar 18 j 12:21	19°♒58'12	0.55374 AU
desc. node	-4513 Mar 21 j 02:33	18°♒32'14	
morning rise	-4513 Mar 26 j 08:05	16°♒28'24	
direct	-4513 Mar 29 j 17:55	16°♒03'06	
morning max el	-4513 Apr 12 j 02:01	22°♒33'39	23°03'21
	-4513 Apr 18 j 14:03	0°♓	
morning set	-4513 May 04 j 20:46	28°♓34'27	
asc. node	-4513 May 05 j 05:10	29°♓18'23	
	-4513 May 05 j 13:06	0°♈	
superior conj	-4513 May 12 j 01:36	13°♈54'08	1°05'31
minimum elong	-4513 May 11 j 23:07	13°♈40'55	1°05'08
max. Earth dist.	-4513 May 14 j 13:37	19°♈11'14	1.33951 AU
evening rise	-4513 May 19 j 19:17	29°♈51'59	
	-4513 May 19 j 20:54	0°♉	
	-4513 Jun 06 j 01:06	0°♊	
desc. node	-4513 Jun 17 j 01:05	14°♊58'58	
evening max el	-4513 Jun 22 j 21:39	21°♊19'48	27°19'50
retrograde	-4513 Jul 06 j 10:08	28°♊44'44	
evening set	-4513 Jul 13 j 11:47	25°♊59'51	
min. Earth dist.	-4513 Jul 17 j 04:20	22°♊32'51	0.64323 AU
inferior conj	-4513 Jul 19 j 12:41	20°♊00'13	-3°-31'-40
minimum elong	-4513 Jul 19 j 16:18	19°♊50'23	3°30'39
morning rise	-4513 Jul 25 j 22:28	14°♊32'51	
direct	-4513 Jul 28 j 15:11	13°♊55'14	

asc. node	-4513 Aug 01 j 04:42	15°♊00'17	
morning max el	-4513 Aug 04 j 03:27	17°♊23'07	18°05'02
	-4513 Aug 13 j 06:15	0°♋	
morning set	-4513 Aug 21 j 19:45	14°♋23'45	
	-4513 Aug 31 j 03:11	0°♌	
superior conj	-4513 Sep 04 j 04:12	6°♌35'56	0°54'05
minimum elong	-4513 Sep 04 j 09:43	6°♌58'17	0°53'36
max. Earth dist.	-4513 Sep 08 j 22:08	14°♌13'01	1.44281 AU
desc. node	-4513 Sep 13 j 00:23	20°♌41'21	
	-4513 Sep 18 j 23:30	0°♍	
evening rise	-4513 Sep 20 j 16:25	2°♍38'28	
	-4513 Oct 08 j 20:44	0°♎	
greatest brilliancy	-4513 Oct 10 j 02:39	1°♎44'28	-0.6m
evening max el	-4513 Oct 17 j 02:41	10°♎24'03	20°08'10
retrograde	-4513 Oct 24 j 19:55	14°♎55'37	
evening set	-4513 Oct 28 j 09:45	13°♎41'14	
asc. node	-4513 Oct 28 j 03:36	13°♎51'34	
inferior conj	-4513 Nov 02 j 22:37	7°♎35'51	1°53'25
minimum elong	-4513 Nov 02 j 20:13	7°♎43'54	1°52'30
min. Earth dist.	-4513 Nov 03 j 18:44	6°♎28'44	0.66633 AU
morning rise	-4513 Nov 08 j 06:04	1°♎19'18	
	-4513 Nov 10 j 00:38	30°℞♍	
direct	-4513 Nov 13 j 23:18	28°♍50'22	
	-4513 Nov 18 j 07:13	0°♎	
morning max el	-4513 Nov 25 j 16:43	5°♎48'32	25°03'32
desc. node	-4513 Dec 10 j 00:25	23°♎32'38	
	-4513 Dec 14 j 11:29	0°♏	
morning set	-4513 Dec 31 j 19:34	28°♏16'13	
	-4512 Jan 01 j 18:44	0°♐	
max. Earth dist.	-4512 Jan 04 j 14:17	5°♐08'40	1.37003 AU
superior conj	-4512 Jan 10 j 20:44	17°♐07'44	-1°-43'-35
minimum elong	-4512 Jan 10 j 23:21	17°♐20'40	1°43'37
	-4512 Jan 17 j 07:06	0°♑	
evening rise	-4512 Jan 19 j 04:26	3°♑48'11	
asc. node	-4512 Jan 24 j 02:34	13°♑25'38	
	-4512 Feb 03 j 21:20	0°♒	
evening max el	-4512 Feb 05 j 09:22	1°♒32'15	19°30'18
retrograde	-4512 Feb 14 j 17:06	5°♒57'40	
evening set	-4512 Feb 17 j 01:20	5°♒42'10	
inferior conj	-4512 Feb 25 j 10:25	1°♒36'06	2°40'26
minimum elong	-4512 Feb 25 j 15:31	1°♒27'48	2°38'55
	-4512 Feb 27 j 21:47	30°℞♑	
min. Earth dist.	-4512 Feb 28 j 03:06	29°♑51'36	0.56389 AU
morning rise	-4512 Mar 05 j 02:06	26°♑50'20	
desc. node	-4512 Mar 06 j 23:41	26°♑19'11	
direct	-4512 Mar 09 j 16:06	26°♑02'36	
	-4512 Mar 19 j 23:59	0°♒	
morning max el	-4512 Mar 23 j 17:28	3°♒10'11	24°41'58
	-4512 Apr 11 j 12:40	0°♓	
morning set	-4512 Apr 18 j 09:03	13°♓37'09	
asc. node	-4512 Apr 21 j 02:11	19°♓23'38	
superior conj	-4512 Apr 25 j 10:38	28°♓49'20	0°43'47
minimum elong	-4512 Apr 25 j 08:49	28°♓39'29	0°43'25
	-4512 Apr 25 j 23:42	0°♈	
max. Earth dist.	-4512 Apr 26 j 20:25	1°♈51'51	1.33153 AU
evening rise	-4512 May 02 j 18:45	14°♈19'21	
	-4512 May 10 j 23:13	0°♉	
	-4512 May 31 j 07:00	0°♊	
desc. node	-4512 Jun 02 j 22:12	2°♊50'06	
evening max el	-4512 Jun 04 j 06:39	4°♊10'22	27°22'42
retrograde	-4512 Jun 18 j 02:40	11°♊35'01	
evening set	-4512 Jun 25 j 05:14	9°♊05'43	
min. Earth dist.	-4512 Jun 28 j 19:22	6°♊07'30	0.62636 AU
inferior conj	-4512 Jul 01 j 17:08	3°♊18'30	-4°-1'-40

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4512 Jul	01 j 19:52	3°♊11'49	4°01'08
	-4512 Jul	05 j 10:01	30°℞♉	
morning rise	-4512 Jul	08 j 12:51	28°♉10'14	
direct	-4512 Jul	11 j 02:19	27°♉40'01	
	-4512 Jul	16 j 13:57	0°♊	
morning max el	-4512 Jul	17 j 18:12	1°♊04'06	17°56'44
asc. node	-4512 Jul	18 j 01:47	1°♊23'08	
morning set	-4512 Aug	03 j 04:15	26°♊39'52	
	-4512 Aug	05 j 01:14	0°♋	
superior conj	-4512 Aug	14 j 15:47	16°♋42'21	1°26'31
minimum elong	-4512 Aug	14 j 21:04	17°♋04'42	1°26'14
max. Earth dist.	-4512 Aug	21 j 11:25	28°♋00'41	1.43122 AU
	-4512 Aug	22 j 16:53	0°♌	
evening rise	-4512 Aug	29 j 20:09	11°♌18'42	
desc. node	-4512 Aug	29 j 21:20	11°♌23'17	
	-4512 Sep	11 j 03:39	0°♍	
greatest brilliancy	-4512 Sep	23 j 19:06	17°♍41'33	-0.4m
evening max el	-4512 Sep	29 j 01:53	23°♍50'04	21°16'00
retrograde	-4512 Oct	07 j 16:41	28°♍56'23	
evening set	-4512 Oct	11 j 17:37	27°♍24'47	
asc. node	-4512 Oct	14 j 00:44	25°♍12'12	
inferior conj	-4512 Oct	17 j 03:26	21°♍11'01	1°02'59
minimum elong	-4512 Oct	17 j 02:01	21°♍15'53	1°02'26
min. Earth dist.	-4512 Oct	17 j 12:29	20°♍39'58	0.67169 AU
morning rise	-4512 Oct	22 j 10:02	14°♍53'11	
direct	-4512 Oct	27 j 12:00	12°♍44'12	
morning max el	-4512 Nov	07 j 01:45	19°♍03'18	23°38'38
	-4512 Nov	16 j 07:10	0°♎	
desc. node	-4512 Nov	25 j 21:22	13°♎25'20	
	-4512 Dec	06 j 15:29	0°♏	
morning set	-4512 Dec	12 j 05:34	9°♏13'40	
max. Earth dist.	-4512 Dec	16 j 09:58	16°♏26'25	1.39019 AU
superior conj	-4512 Dec	23 j 20:42	29°♏57'59	-1°-52'-43
minimum elong	-4512 Dec	23 j 21:43	0°♐02'45	1°52'54
	-4512 Dec	23 j 21:08	0°♐	
evening rise	-4511 Jan	02 j 00:14	17°♐33'47	
	-4511 Jan	08 j 14:40	0°♑	
asc. node	-4511 Jan	09 j 23:37	2°♑23'38	
evening max el	-4511 Jan	18 j 09:02	13°♑54'48	18°42'50
retrograde	-4511 Jan	26 j 08:22	17°♑46'11	
evening set	-4511 Jan	28 j 19:08	17°♑25'46	
inferior conj	-4511 Feb	05 j 11:45	13°♑01'24	3°39'35
minimum elong	-4511 Feb	05 j 15:22	12°♑54'36	3°38'50
min. Earth dist.	-4511 Feb	08 j 19:30	10°♑32'36	0.58057 AU
morning rise	-4511 Feb	13 j 07:56	7°♑48'21	
direct	-4511 Feb	19 j 03:22	6°♑25'12	
desc. node	-4511 Feb	21 j 20:49	6°♑43'25	
morning max el	-4511 Mar	05 j 09:12	13°♑52'19	26°09'41
	-4511 Mar	18 j 04:13	0°♒	
morning set	-4511 Apr	02 j 20:41	28°♒38'08	
	-4511 Apr	03 j 12:16	0°♓	
asc. node	-4511 Apr	07 j 23:09	9°♓35'19	
superior conj	-4511 Apr	09 j 21:51	13°♓50'29	0°20'08
minimum elong	-4511 Apr	09 j 20:58	13°♓45'41	0°19'53
max. Earth dist.	-4511 Apr	10 j 08:27	14°♓48'25	1.32707 AU
evening rise	-4511 Apr	17 j 00:25	29°♓05'02	
	-4511 Apr	17 j 11:04	0°♈	
	-4511 May	04 j 06:06	0°♉	
evening max el	-4511 May	17 j 11:08	16°♉24'17	26°52'45
desc. node	-4511 May	20 j 19:21	19°♉18'33	
retrograde	-4511 May	31 j 11:38	23°♉45'24	
evening set	-4511 Jun	07 j 05:01	21°♉45'25	
min. Earth dist.	-4511 Jun	11 j 00:41	19°♉02'30	0.60679 AU
inferior conj	-4511 Jun	14 j 07:59	16°♉14'09	-4°-15'-30
minimum elong	-4511 Jun	14 j 08:31	16°♉13'00	4°15'21
morning rise	-4511 Jun	21 j 15:09	11°♉27'14	
direct	-4511 Jun	24 j 03:05	11°♉02'36	
morning max el	-4511 Jul	01 j 06:40	14°♉32'46	18°07'25
asc. node	-4511 Jul	04 j 22:50	18°♉50'06	
	-4511 Jul	11 j 22:01	0°♊	
morning set	-4511 Jul	17 j 06:01	9°♊46'41	
superior conj	-4511 Jul	27 j 06:24	28°♊09'12	1°44'13
minimum elong	-4511 Jul	27 j 09:05	28°♊21'06	1°44'19
	-4511 Jul	28 j 07:23	0°♋	
max. Earth dist.	-4511 Aug	03 j 19:27	11°♋12'45	1.41475 AU
evening rise	-4511 Aug	09 j 11:49	20°♋33'40	
	-4511 Aug	15 j 11:22	0°♌	
desc. node	-4511 Aug	16 j 18:18	1°♌59'07	
	-4511 Sep	05 j 11:38	0°♍	
greatest brilliancy	-4511 Sep	07 j 00:53	1°♍55'14	-0.3m
evening max el	-4511 Sep	11 j 19:00	7°♍15'20	22°33'04
retrograde	-4511 Sep	21 j 11:22	12°♍59'58	
evening set	-4511 Sep	26 j 01:32	11°♍08'58	
asc. node	-4511 Sep	30 j 21:53	5°♍31'31	
inferior conj	-4511 Oct	01 j 09:51	4°♍50'14	0°10'14
minimum elong	-4511 Oct	01 j 09:36	4°♍51'04	0°10'13
transit middle	-4511 Oct	01 j 09:36	4°♍51'04	0°10'13
transit begin	-4511 Oct	01 j 07:30	4°♍58'20	
transit end	-4511 Oct	01 j 11:43	4°♍43'47	
min. Earth dist.	-4511 Oct	01 j 08:32	4°♍54'45	0.67401 AU
	-4511 Oct	05 j 05:09	30°℞♌	
morning rise	-4511 Oct	06 j 17:34	28°♌34'11	
direct	-4511 Oct	11 j 04:47	26°♌46'49	
	-4511 Oct	18 j 01:11	0°♍	
morning max el	-4511 Oct	20 j 13:53	2°♍21'35	22°13'04
greatest brilliancy	-4511 Oct	25 j 07:57	7°♍44'43	-0.4m
	-4511 Nov	10 j 08:21	0°♎	
desc. node	-4511 Nov	12 j 18:17	3°♎37'56	
morning set	-4511 Nov	22 j 11:07	18°♎47'30	
max. Earth dist.	-4511 Nov	28 j 08:37	28°♎29'14	1.41065 AU
	-4511 Nov	29 j 06:10	0°♏	
superior conj	-4511 Dec	06 j 02:13	11°♏51'06	-1°-51'-40
minimum elong	-4511 Dec	06 j 00:15	11°♏42'25	1°51'45
	-4511 Dec	15 j 23:58	0°♐	
evening rise	-4511 Dec	16 j 09:37	0°♐45'00	
asc. node	-4511 Dec	27 j 20:40	20°♐45'54	
evening max el	-4510 Jan	01 j 15:53	26°♐44'03	18°15'30
	-4510 Jan	06 j 17:51	0°♑	
retrograde	-4510 Jan	08 j 18:07	0°♑17'17	
	-4510 Jan	10 j 19:15	30°℞♐	
evening set	-4510 Jan	11 j 07:20	29°♐50'40	
inferior conj	-4510 Jan	18 j 09:22	25°♐04'13	4°03'14
minimum elong	-4510 Jan	18 j 10:06	25°♐02'37	4°02'59
min. Earth dist.	-4510 Jan	21 j 16:29	22°♐12'40	0.60023 AU
morning rise	-4510 Jan	25 j 09:57	19°♐30'20	
direct	-4510 Feb	01 j 02:04	17°♐28'50	
desc. node	-4510 Feb	08 j 17:54	19°♐54'07	
morning max el	-4510 Feb	15 j 06:15	25°♐05'37	27°12'18
	-4510 Feb	19 j 19:25	0°♑	
	-4510 Mar	11 j 09:25	0°♒	
morning set	-4510 Mar	18 j 05:58	13°♒31'22	
superior conj	-4510 Mar	25 j 09:34	28°♒51'52	0°-4'-34
minimum elong	-4510 Mar	25 j 09:47	28°♒53'01	0°04'40
behind sun begin	-4510 Mar	25 j 04:58	28°♒26'41	
behind sun end	-4510 Mar	25 j 14:36	29°♒19'21	
max. Earth dist.	-4510 Mar	24 j 22:04	27°♒48'55	1.32595 AU
asc. node	-4510 Mar	25 j 20:07	29°♒49'33	
	-4510 Mar	25 j 22:02	0°♓	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4510 Apr 01 j 09:57	14°♓01'00	
	-4510 Apr 09 j 13:05	0°♈	
evening max el	-4510 Apr 29 j 09:20	27°♈56'03	25°51'37
	-4510 May 01 j 16:46	0°♉	
desc. node	-4510 May 07 j 16:30	3°♉51'47	
retrograde	-4510 May 13 j 11:27	5°♉11'04	
evening set	-4510 May 19 j 07:46	3°♉48'32	
min. Earth dist.	-4510 May 23 j 21:51	1°♉04'14	0.58650 AU
	-4510 May 25 j 09:21	30°℞♈	
inferior conj	-4510 May 27 j 05:35	28°♈37'49	-4°-4'-42
minimum elong	-4510 May 27 j 02:49	28°♈42'57	4°04'21
morning rise	-4510 Jun 04 j 01:47	24°♈12'57	
direct	-4510 Jun 06 j 13:03	23°♈52'50	
morning max el	-4510 Jun 14 j 14:05	27°♈41'20	18°37'57
	-4510 Jun 16 j 18:24	0°♉	
asc. node	-4510 Jun 21 j 19:51	7°♉07'10	
morning set	-4510 Jun 30 j 20:27	23°♉32'33	
	-4510 Jul 04 j 04:24	0°♊	
superior conj	-4510 Jul 09 j 19:19	10°♊44'03	1°49'21
minimum elong	-4510 Jul 09 j 19:22	10°♊44'14	1°49'34
max. Earth dist.	-4510 Jul 16 j 22:35	23°♊42'03	1.39561 AU
	-4510 Jul 20 j 14:03	0°♋	
evening rise	-4510 Jul 21 j 04:06	0°♋59'31	
desc. node	-4510 Aug 03 j 15:17	22°♋24'45	
	-4510 Aug 08 j 19:57	0°♌	
evening max el	-4510 Aug 25 j 07:34	20°♌41'42	23°53'53
retrograde	-4510 Sep 05 j 02:54	27°♌03'54	
evening set	-4510 Sep 10 j 07:44	24°♌52'50	
min. Earth dist.	-4510 Sep 15 j 04:30	19°♌12'04	0.67330 AU
inferior conj	-4510 Sep 15 j 16:10	18°♌32'24	0°-43'-7
minimum elong	-4510 Sep 15 j 17:10	18°♌29'00	0°42'34
asc. node	-4510 Sep 17 j 19:00	15°♌44'37	
morning rise	-4510 Sep 21 j 02:45	12°♌21'17	
direct	-4510 Sep 25 j 00:43	10°♌54'27	
morning max el	-4510 Oct 03 j 08:10	15°♌47'37	20°54'10
greatest brilliancy	-4510 Oct 09 j 03:55	22°♌40'08	-0.5m
	-4510 Oct 14 j 12:29	0°♍	
desc. node	-4510 Oct 30 j 15:09	24°♍04'25	
morning set	-4510 Nov 01 j 16:20	27°♍15'22	
	-4510 Nov 03 j 10:25	0°♎	
max. Earth dist.	-4510 Nov 10 j 14:21	11°♎26'08	1.42852 AU
superior conj	-4510 Nov 17 j 07:28	22°♎32'23	-1°-36'-41
minimum elong	-4510 Nov 17 j 01:58	22°♎09'16	1°36'21
	-4510 Nov 21 j 16:20	0°♏	
evening rise	-4510 Nov 29 j 04:45	13°♏13'15	
	-4510 Dec 08 j 20:41	0°♐	
asc. node	-4510 Dec 14 j 17:46	8°♐20'53	
evening max el	-4510 Dec 16 j 03:03	9°♐51'07	18°07'58
retrograde	-4510 Dec 22 j 18:37	13°♐19'39	
evening set	-4510 Dec 25 j 10:24	12°♐45'58	
inferior conj	-4509 Jan 01 j 00:30	7°♐37'47	3°59'54
minimum elong	-4510 Dec 31 j 22:52	7°♐41'51	3°59'34
min. Earth dist.	-4509 Jan 03 j 21:26	4°♐46'27	0.61980 AU
morning rise	-4509 Jan 07 j 09:10	1°♐48'41	
	-4509 Jan 10 j 15:47	30°℞♏	
direct	-4509 Jan 14 j 10:12	29°♏16'52	
	-4509 Jan 18 j 08:45	0°♐	
desc. node	-4509 Jan 26 j 14:57	5°♐19'11	
morning max el	-4509 Jan 28 j 09:43	6°♐59'22	27°40'44
	-4509 Feb 14 j 23:04	0°♑	
morning set	-4509 Mar 02 j 10:48	28°♑08'21	
	-4509 Mar 03 j 08:36	0°♒	
max. Earth dist.	-4509 Mar 08 j 09:12	10°♒37'27	1.32827 AU
superior conj	-4509 Mar 09 j 20:07	13°♒46'26	0°-29'-29
minimum elong	-4509 Mar 09 j 21:26	13°♒53'34	0°29'24
asc. node	-4509 Mar 12 j 17:04	20°♒01'19	
evening rise	-4509 Mar 16 j 21:18	28°♒58'49	
	-4509 Mar 17 j 08:57	0°♓	
	-4509 Apr 03 j 11:20	0°♈	
evening max el	-4509 Apr 11 j 02:13	8°♈52'02	24°27'34
desc. node	-4509 Apr 24 j 13:40	15°♈52'36	
retrograde	-4509 Apr 25 j 00:14	15°♈53'03	
evening set	-4509 Apr 29 j 14:03	15°♈05'50	
min. Earth dist.	-4509 May 05 j 14:10	12°♈04'55	0.56836 AU
inferior conj	-4509 May 08 j 07:15	10°♈20'50	-3°-19'-22
minimum elong	-4509 May 08 j 01:44	10°♈29'42	3°18'09
morning rise	-4509 May 16 j 17:35	6°♈14'43	
direct	-4509 May 19 j 04:20	5°♈58'15	
morning max el	-4509 May 28 j 13:38	10°♈20'02	19°28'51
asc. node	-4509 Jun 08 j 16:50	26°♈02'03	
	-4509 Jun 10 j 20:12	0°♉	
morning set	-4509 Jun 14 j 19:55	7°♉47'40	
superior conj	-4509 Jun 23 j 00:46	24°♉10'23	1°44'53
minimum elong	-4509 Jun 22 j 23:01	24°♉01'52	1°44'58
	-4509 Jun 26 j 00:58	0°♊	
max. Earth dist.	-4509 Jun 29 j 00:21	5°♊35'54	1.37638 AU
evening rise	-4509 Jul 02 j 22:09	12°♊41'41	
	-4509 Jul 13 j 05:15	0°♋	
desc. node	-4509 Jul 21 j 12:20	12°♋34'52	
	-4509 Aug 03 j 20:04	0°♌	
evening max el	-4509 Aug 07 j 18:07	4°♌10'48	25°11'31
retrograde	-4509 Aug 19 j 14:29	11°♌04'06	
evening set	-4509 Aug 25 j 10:26	8°♌34'52	
min. Earth dist.	-4509 Aug 29 j 22:05	3°♌30'18	0.66941 AU
inferior conj	-4509 Aug 30 j 20:41	2°♌16'07	-1°-35'-26
minimum elong	-4509 Aug 30 j 22:51	2°♌08'58	1°34'24
	-4509 Sep 01 j 15:10	30°℞♋	
asc. node	-4509 Sep 04 j 16:07	26°♋49'24	
morning rise	-4509 Sep 05 j 11:45	26°♋12'57	
direct	-4509 Sep 08 j 22:32	25°♋04'01	
morning max el	-4509 Sep 16 j 09:43	29°♋22'39	19°46'54
	-4509 Sep 16 j 23:59	0°♌	
greatest brilliancy	-4509 Sep 24 j 11:44	9°♌34'54	-0.6m
	-4509 Oct 08 j 01:31	0°♍	
morning set	-4509 Oct 11 j 15:39	5°♍33'27	
desc. node	-4509 Oct 17 j 12:03	14°♍40'35	
max. Earth dist.	-4509 Oct 24 j 02:37	25°♍05'55	1.44136 AU
	-4509 Oct 27 j 04:14	0°♎	
superior conj	-4509 Oct 28 j 09:10	1°♎56'24	-1°-5'-16
minimum elong	-4509 Oct 28 j 02:29	1°♎29'31	1°04'32
evening rise	-4509 Nov 11 j 05:05	24°♎49'34	
	-4509 Nov 14 j 06:22	0°♏	
evening max el	-4509 Nov 29 j 15:47	23°♏09'51	18°19'27
asc. node	-4509 Dec 01 j 14:52	24°♏55'15	
retrograde	-4509 Dec 06 j 05:21	26°♏44'30	
evening set	-4509 Dec 09 j 00:51	26°♏02'22	
inferior conj	-4509 Dec 15 j 05:24	20°♏34'31	3°37'56
minimum elong	-4509 Dec 15 j 02:29	20°♏42'38	3°37'15
min. Earth dist.	-4509 Dec 17 j 12:18	18°♏01'43	0.63720 AU
morning rise	-4509 Dec 21 j 02:35	14°♏34'15	
direct	-4509 Dec 28 j 02:21	11°♏46'20	
morning max el	-4508 Jan 10 j 17:38	19°♏29'31	27°33'00
desc. node	-4508 Jan 13 j 11:59	22°♏23'05	
	-4508 Jan 19 j 18:35	0°♐	
	-4508 Feb 07 j 20:54	0°♑	
morning set	-4508 Feb 14 j 08:41	12°♑20'31	
max. Earth dist.	-4508 Feb 19 j 13:50	23°♑00'19	1.33440 AU
superior conj	-4508 Feb 22 j 03:46	28°♑28'20	0°-53'-42

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4508 Feb 22 j 06:03	28°♉40'32	0°53'30
	-4508 Feb 22 j 20:54	0°♒	
asc. node	-4508 Feb 27 j 14:04	10°♒06'37	
evening rise	-4508 Feb 29 j 08:44	13°♒52'16	
	-4508 Mar 08 j 14:27	0°♓	
evening max el	-4508 Mar 22 j 18:43	19°♓35'22	22°53'43
retrograde	-4508 Apr 05 j 00:31	26°♓05'21	
evening set	-4508 Apr 08 j 08:07	25°♓41'16	
desc. node	-4508 Apr 10 j 10:50	25°♓02'34	
min. Earth dist.	-4508 Apr 16 j 04:51	22°♓11'55	0.55589 AU
inferior conj	-4508 Apr 17 j 14:11	21°♓23'39	-1°-54'-25
minimum elong	-4508 Apr 17 j 09:25	21°♓30'34	1°53'00
morning rise	-4508 Apr 26 j 13:23	17°♓26'09	
direct	-4508 Apr 29 j 01:57	17°♓11'03	
morning max el	-4508 May 10 j 03:04	22°♓20'35	20°39'35
	-4508 May 16 j 13:58	0°♈	
asc. node	-4508 May 25 j 13:49	15°♈25'34	
morning set	-4508 May 29 j 01:37	22°♈24'39	
	-4508 Jun 01 j 17:57	0°♉	
superior conj	-4508 Jun 05 j 17:59	8°♉14'18	1°33'22
minimum elong	-4508 Jun 05 j 15:24	8°♉01'08	1°33'13
max. Earth dist.	-4508 Jun 10 j 07:20	17°♉20'56	1.35936 AU
evening rise	-4508 Jun 14 j 13:31	25°♉28'53	
	-4508 Jun 17 j 00:37	0°♊	
	-4508 Jul 05 j 16:37	0°♋	
desc. node	-4508 Jul 07 j 09:26	2°♋21'57	
evening max el	-4508 Jul 20 j 04:55	17°♋41'04	26°17'51
retrograde	-4508 Aug 01 j 21:24	24°♋54'20	
evening set	-4508 Aug 08 j 07:30	22°♋11'57	
min. Earth dist.	-4508 Aug 12 j 10:49	17°♋45'46	0.66214 AU
inferior conj	-4508 Aug 13 j 21:30	15°♋58'15	-2°-24'-58
minimum elong	-4508 Aug 14 j 00:39	15°♋48'31	2°23'41
morning rise	-4508 Aug 19 j 18:38	10°♋06'15	
asc. node	-4508 Aug 21 j 13:13	9°♋21'38	
direct	-4508 Aug 22 j 20:35	9°♋11'52	
morning max el	-4508 Aug 29 j 17:40	13°♋04'10	18°54'15
	-4508 Sep 11 j 00:08	0°♌	
morning set	-4508 Sep 20 j 07:18	14°♌42'36	
	-4508 Sep 29 j 23:11	0°♍	
desc. node	-4508 Oct 03 j 08:58	5°♍22'16	
max. Earth dist.	-4508 Oct 05 j 19:10	9°♍11'35	1.44764 AU
superior conj	-4508 Oct 06 j 13:01	10°♍21'59	0°-19'-55
minimum elong	-4508 Oct 06 j 10:26	10°♍11'47	0°19'30
	-4508 Oct 18 j 21:33	0°♎	
evening rise	-4508 Oct 22 j 06:00	5°♎23'46	
	-4508 Nov 06 j 21:10	0°♏	
evening max el	-4508 Nov 12 j 03:26	6°♏34'37	18°48'56
asc. node	-4508 Nov 17 j 12:01	10°♏13'11	
retrograde	-4508 Nov 18 j 22:24	10°♏24'37	
evening set	-4508 Nov 21 j 23:24	9°♏31'55	
inferior conj	-4508 Nov 27 j 20:27	3°♏47'04	3°03'28
minimum elong	-4508 Nov 27 j 17:14	3°♏56'52	3°02'30
min. Earth dist.	-4508 Nov 29 j 12:52	1°♏44'12	0.65134 AU
	-4508 Dec 01 j 00:53	30°℞♎	
morning rise	-4508 Dec 03 j 09:59	27°♎38'37	
direct	-4508 Dec 10 j 01:06	24°♎49'30	
	-4508 Dec 20 j 13:23	0°♏	
morning max el	-4508 Dec 23 j 03:11	2°♏24'21	26°53'04
desc. node	-4508 Dec 30 j 08:58	10°♏36'41	
	-4507 Jan 12 j 23:40	0°♐	
morning set	-4507 Jan 27 j 20:20	25°♐56'56	
	-4507 Jan 29 j 22:27	0°♑	
max. Earth dist.	-4507 Feb 01 j 08:25	4°♑48'25	1.34480 AU
superior conj	-4507 Feb 05 j 06:28	12°♑50'41	-1°-16'-2
minimum elong	-4507 Feb 05 j 09:24	13°♑05'59	1°15'50
evening rise	-4507 Feb 12 j 18:31	28°♑35'12	
asc. node	-4507 Feb 13 j 11:06	0°♒00'58	
	-4507 Feb 13 j 10:55	0°♒	
	-4507 Mar 04 j 03:29	0°♓	
evening max el	-4507 Mar 04 j 17:04	0°♓33'01	21°23'30
retrograde	-4507 Mar 16 j 15:05	6°♓15'20	
evening set	-4507 Mar 19 j 04:20	6°♓00'32	
inferior conj	-4507 Mar 28 j 10:20	2°♓00'50	0°-1'-36
minimum elong	-4507 Mar 28 j 10:15	2°♓00'57	0°01'43
transit middle	-4507 Mar 28 j 10:15	2°♓00'57	0°01'43
transit begin	-4507 Mar 28 j 06:10	2°♓06'43	
transit end	-4507 Mar 28 j 14:20	1°♓55'12	
desc. node	-4507 Mar 28 j 07:59	2°♓04'09	
min. Earth dist.	-4507 Mar 28 j 19:07	1°♓48'26	0.55185 AU
	-4507 Apr 01 j 03:07	30°℞♒	
morning rise	-4507 Apr 06 j 15:56	27°♒55'57	
direct	-4507 Apr 09 j 14:42	27°♒36'50	
	-4507 Apr 17 j 11:59	0°♓	
morning max el	-4507 Apr 22 j 05:35	3°♓39'43	22°07'31
	-4507 May 09 j 21:04	0°♈	
asc. node	-4507 May 12 j 10:49	5°♈10'31	
morning set	-4507 May 13 j 11:25	7°♈17'24	
superior conj	-4507 May 20 j 19:28	22°♈45'28	1°16'46
minimum elong	-4507 May 20 j 16:48	22°♈31'22	1°16'27
max. Earth dist.	-4507 May 24 j 00:15	29°♈24'15	1.34572 AU
	-4507 May 24 j 07:15	0°♉	
evening rise	-4507 May 28 j 20:51	9°♉06'17	
	-4507 Jun 09 j 12:35	0°♊	
desc. node	-4507 Jun 24 j 06:33	21°♊36'16	
	-4507 Jul 01 j 13:47	0°♋	
evening max el	-4507 Jul 02 j 16:26	1°♋06'00	27°04'40
retrograde	-4507 Jul 15 j 23:00	8°♋28'14	
evening set	-4507 Jul 22 j 20:25	5°♋41'14	
min. Earth dist.	-4507 Jul 26 j 16:28	1°♋53'26	0.65124 AU
	-4507 Jul 28 j 08:07	30°℞♊	
inferior conj	-4507 Jul 28 j 16:32	29°♊35'46	-3°-9'-27
minimum elong	-4507 Jul 28 j 20:12	29°♊25'17	3°08'15
morning rise	-4507 Aug 03 j 21:15	23°♊58'15	
direct	-4507 Aug 06 j 16:46	23°♊15'13	
asc. node	-4507 Aug 08 j 10:18	23°♊31'23	
morning max el	-4507 Aug 13 j 06:12	26°♊49'28	18°17'59
	-4507 Aug 16 j 00:22	0°♋	
morning set	-4507 Sep 01 j 01:49	25°♋10'13	
	-4507 Sep 04 j 00:06	0°♌	
superior conj	-4507 Sep 15 j 14:15	18°♌44'29	0°29'10
minimum elong	-4507 Sep 15 j 17:48	18°♌58'38	0°28'51
max. Earth dist.	-4507 Sep 18 j 13:18	23°♌26'13	1.44668 AU
desc. node	-4507 Sep 20 j 05:56	26°♌06'34	
	-4507 Sep 22 j 17:17	0°♍	
evening rise	-4507 Oct 02 j 05:59	14°♍54'17	
	-4507 Oct 11 j 23:23	0°♎	
greatest brilliancy	-4507 Oct 17 j 20:37	8°♎51'29	-0.7m
evening max el	-4507 Oct 26 j 11:37	20°♎01'42	19°34'58
retrograde	-4507 Nov 02 j 18:45	24°♎15'29	
asc. node	-4507 Nov 04 j 09:09	24°♎00'39	
evening set	-4507 Nov 06 j 03:21	23°♎09'40	
inferior conj	-4507 Nov 11 j 18:42	17°♎10'50	2°20'41
minimum elong	-4507 Nov 11 j 15:52	17°♎20'03	2°19'40
min. Earth dist.	-4507 Nov 12 j 21:44	15°♎43'06	0.66190 AU
morning rise	-4507 Nov 17 j 03:39	10°♎56'43	
direct	-4507 Nov 23 j 05:36	8°♎18'14	
morning max el	-4507 Dec 05 j 12:27	15°♎32'47	25°48'24
desc. node	-4507 Dec 17 j 05:57	29°♎39'34	
	-4507 Dec 17 j 11:56	0°♏	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4506 Jan	05 j 19:48	0°♐			-4506 Dec	11 j 07:08	0°♏	
morning set	-4506 Jan	10 j 17:17	8°♐44'09		morning set	-4506 Dec	23 j 17:53	20°♏26'48	
max. Earth dist.	-4506 Jan	14 j 15:28	16°♐05'41	1.35972 AU	max. Earth dist.	-4506 Dec	27 j 13:53	27°♏15'40	1.37839 AU
						-4506 Dec	29 j 01:54	0°♐	
superior conj	-4506 Jan	20 j 01:37	26°♐45'22	-1°-34'-59					
minimum elong	-4506 Jan	20 j 04:37	27°♐00'28	1°34'55	superior conj	-4505 Jan	03 j 09:51	10°♐02'49	-1°-48'-29
	-4506 Jan	21 j 16:05	0°♑		minimum elong	-4505 Jan	03 j 11:57	10°♐12'59	1°48'36
evening rise	-4506 Jan	28 j 00:43	13°♑01'21		evening rise	-4505 Jan	12 j 01:07	27°♐04'25	
asc. node	-4506 Jan	31 j 08:09	19°♑38'47			-4505 Jan	13 j 12:44	0°♑	
	-4506 Feb	05 j 23:58	0°♒		asc. node	-4505 Jan	18 j 05:12	8°♑53'59	
evening max el	-4506 Feb	15 j 01:02	12°♒01'20	20°06'25	evening max el	-4505 Jan	28 j 19:20	24°♑05'17	19°07'34
retrograde	-4506 Feb	25 j 06:49	16°♒52'32		retrograde	-4505 Feb	06 j 12:05	28°♑14'44	
evening set	-4506 Feb	27 j 14:55	16°♒38'29		evening set	-4505 Feb	08 j 21:17	27°♑57'21	
inferior conj	-4506 Mar	08 j 09:12	12°♒38'43	1°49'08	inferior conj	-4505 Feb	16 j 23:12	23°♑43'53	3°10'15
minimum elong	-4506 Mar	08 j 13:31	12°♒32'11	1°47'39	minimum elong	-4505 Feb	17 j 04:01	23°♑35'33	3°09'00
min. Earth dist.	-4506 Mar	10 j 09:11	11°♒26'29	0.55713 AU	min. Earth dist.	-4505 Feb	20 j 00:15	21°♑38'37	0.57039 AU
desc. node	-4506 Mar	15 j 05:08	8°♒56'02		morning rise	-4505 Feb	25 j 07:02	18°♑45'51	
morning rise	-4506 Mar	17 j 09:25	8°♒10'36		direct	-4505 Mar	02 j 09:51	17°♑44'36	
direct	-4506 Mar	21 j 06:34	7°♒37'31		desc. node	-4505 Mar	02 j 02:15	17°♑44'50	
morning max el	-4506 Apr	03 j 23:29	14°♒25'19	23°45'40	morning max el	-4505 Mar	16 j 14:29	25°♑01'44	25°21'32
	-4506 Apr	16 j 01:44	0°♓			-4505 Mar	21 j 04:52	0°♒	
morning set	-4506 Apr	27 j 23:18	22°♓18'31			-4505 Apr	08 j 21:09	0°♓	
asc. node	-4506 Apr	29 j 07:49	25°♓09'57		morning set	-4505 Apr	12 j 11:32	7°♓21'48	
	-4506 May	01 j 14:04	0°♈		asc. node	-4505 Apr	16 j 04:48	15°♓18'44	
superior conj	-4506 May	05 j 02:23	7°♈34'02	0°56'35	superior conj	-4505 Apr	19 j 12:34	22°♓32'45	0°33'56
minimum elong	-4506 May	05 j 00:08	7°♈21'59	0°56'12	minimum elong	-4505 Apr	19 j 11:08	22°♓24'54	0°33'36
max. Earth dist.	-4506 May	07 j 02:52	11°♈52'58	1.33572 AU	max. Earth dist.	-4505 Apr	20 j 12:26	24°♓42'26	1.32926 AU
evening rise	-4506 May	12 j 15:29	23°♈18'43			-4505 Apr	22 j 23:21	0°♈	
	-4506 May	16 j 01:29	0°♉		evening rise	-4505 Apr	26 j 17:55	7°♈55'00	
	-4506 Jun	03 j 05:08	0°♊			-4505 May	08 j 12:44	0°♉	
desc. node	-4506 Jun	11 j 03:40	10°♊03'03		evening max el	-4505 May	28 j 10:08	26°♉47'46	27°13'49
evening max el	-4506 Jun	15 j 02:59	14°♊12'28	27°24'57	desc. node	-4505 May	29 j 00:48	27°♉22'18	
retrograde	-4506 Jun	28 j 18:44	21°♊36'51			-4505 Jun	01 j 03:18	0°♊	
evening set	-4506 Jul	05 j 21:59	18°♊56'59		retrograde	-4505 Jun	11 j 08:04	4°♊11'12	
min. Earth dist.	-4506 Jul	09 j 12:56	15°♊43'33	0.63652 AU	evening set	-4505 Jun	18 j 08:22	1°♊52'32	
inferior conj	-4506 Jul	12 j 03:08	13°♊02'35	-3°-45'-57		-4505 Jun	20 j 20:52	30°℞♉	
minimum elong	-4506 Jul	12 j 06:32	12°♊53'46	3°45'08	min. Earth dist.	-4505 Jun	21 j 23:27	29°♉03'07	0.61834 AU
morning rise	-4506 Jul	18 j 16:58	7°♊42'54		inferior conj	-4505 Jun	25 j 02:11	26°♉11'48	-4°-9'-56
direct	-4506 Jul	21 j 08:11	7°♊08'33		minimum elong	-4505 Jun	25 j 04:10	26°♉07'14	4°09'37
asc. node	-4506 Jul	26 j 07:23	9°♊09'37		morning rise	-4505 Jul	02 j 02:38	21°♉12'44	
morning max el	-4506 Jul	27 j 20:52	10°♊33'22	17°59'15	direct	-4505 Jul	04 j 15:21	20°♉45'02	
	-4506 Aug	09 j 23:03	0°♋		morning max el	-4505 Jul	11 j 11:01	24°♉10'01	17°58'57
morning set	-4506 Aug	13 j 21:51	6°♋50'25		asc. node	-4505 Jul	13 j 04:27	26°♉01'26	
						-4505 Jul	16 j 04:39	0°♊	
superior conj	-4506 Aug	26 j 10:07	28°♋03'45	1°09'41	morning set	-4505 Jul	27 j 14:14	19°♊29'09	
minimum elong	-4506 Aug	26 j 16:01	28°♋28'04	1°09'14		-4505 Aug	02 j 10:00	0°♋	
	-4506 Aug	27 j 14:25	0°♌						
max. Earth dist.	-4506 Sep	01 j 05:31	7°♌30'01	1.43862 AU	superior conj	-4505 Aug	07 j 09:32	8°♋45'14	1°35'45
desc. node	-4506 Sep	07 j 02:53	16°♌50'07		minimum elong	-4505 Aug	07 j 13:50	9°♋03'46	1°35'39
evening rise	-4506 Sep	11 j 12:08	23°♌39'41		max. Earth dist.	-4505 Aug	14 j 16:45	21°♋04'06	1.42465 AU
	-4506 Sep	15 j 15:07	0°♍			-4505 Aug	20 j 05:16	0°♌	
greatest brilliancy	-4506 Oct	03 j 11:03	26°♍05'26	-0.5m	evening rise	-4505 Aug	21 j 18:29	2°♌27'23	
	-4506 Oct	06 j 12:32	0°♎		desc. node	-4505 Aug	24 j 23:50	7°♌29'38	
evening max el	-4506 Oct	09 j 14:21	3°♎28'07	20°35'38		-4505 Sep	09 j 03:12	0°♍	
retrograde	-4506 Oct	17 j 15:58	8°♎13'37		greatest brilliancy	-4505 Sep	17 j 13:25	11°♍18'02	-0.4m
evening set	-4506 Oct	21 j 10:22	6°♎51'58		evening max el	-4505 Sep	22 j 10:41	16°♍52'42	21°47'58
asc. node	-4506 Oct	22 j 06:17	6°♎11'57		retrograde	-4505 Oct	01 j 12:07	22°♍15'37	
inferior conj	-4506 Oct	26 j 21:43	0°♎42'30	1°32'26	evening set	-4505 Oct	05 j 18:26	20°♍35'50	
minimum elong	-4506 Oct	26 j 19:41	0°♎49'20	1°31'38	asc. node	-4505 Oct	09 j 03:26	17°♍00'49	
	-4506 Oct	27 j 10:16	30°℞♍		inferior conj	-4505 Oct	11 j 03:23	14°♍19'15	0°40'46
min. Earth dist.	-4506 Oct	27 j 12:54	29°♍51'05	0.66897 AU	minimum elong	-4505 Oct	11 j 02:27	14°♍22'29	0°40'26
morning rise	-4506 Nov	01 j 04:33	24°♍25'16		min. Earth dist.	-4505 Oct	11 j 07:54	14°♍03'39	0.67294 AU
direct	-4506 Nov	06 j 15:16	22°♍04'40		morning rise	-4505 Oct	16 j 10:14	8°♍01'47	
morning max el	-4506 Nov	17 j 21:16	28°♍46'52	24°28'13	direct	-4505 Oct	21 j 05:40	6°♍02'13	
	-4506 Nov	19 j 01:32	0°♎		morning max el	-4505 Oct	31 j 07:22	12°♍03'07	23°01'57
desc. node	-4506 Dec	04 j 02:54	19°♎17'16		greatest brilliancy	-4505 Nov	05 j 06:20	17°♍37'50	-0.3m

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4505 Nov 14 j 13:59	0°♎	
desc. node	-4505 Nov 20 j 23:48	9°♎18'59	
	-4505 Dec 04 j 04:12	0°♏	
morning set	-4505 Dec 04 j 16:03	0°♏48'54	
max. Earth dist.	-4505 Dec 09 j 10:01	8°♏49'45	1.39894 AU
superior conj	-4505 Dec 17 j 02:34	22°♏29'57	-1°-53'-45
minimum elong	-4505 Dec 17 j 02:29	22°♏29'33	1°53'55
	-4505 Dec 21 j 03:18	0°♐	
evening rise	-4505 Dec 26 j 16:53	10°♐36'16	
asc. node	-4504 Jan 05 j 02:16	27°♐38'07	
	-4504 Jan 06 j 14:38	0°♑	
evening max el	-4504 Jan 11 j 22:20	6°♑39'56	18°28'45
retrograde	-4504 Jan 19 j 11:35	10°♑22'06	
evening set	-4504 Jan 21 j 23:14	9°♑59'19	
inferior conj	-4504 Jan 29 j 09:22	5°♑25'50	3°53'29
minimum elong	-4504 Jan 29 j 11:47	5°♑20'59	3°53'01
min. Earth dist.	-4504 Feb 01 j 18:26	2°♑44'15	0.58872 AU
morning rise	-4504 Feb 05 j 20:52	0°♑02'41	
	-4504 Feb 05 j 22:56	30°℞♐	
direct	-4504 Feb 12 j 02:18	28°♐22'51	
desc. node	-4504 Feb 16 j 23:20	29°♐21'45	
	-4504 Feb 18 j 09:42	0°♑	
morning max el	-4504 Feb 26 j 08:19	5°♑55'41	26°40'01
	-4504 Mar 15 j 03:59	0°♒	
morning set	-4504 Mar 26 j 22:24	22°♒20'24	
	-4504 Mar 30 j 12:46	0°♓	
asc. node	-4504 Apr 02 j 01:45	5°♓32'00	
superior conj	-4504 Apr 03 j 00:13	7°♓34'52	0°09'45
minimum elong	-4504 Apr 02 j 23:47	7°♓32'32	0°09'34
behind sun begin	-4504 Apr 02 j 19:48	7°♓10'39	
behind sun end	-4504 Apr 03 j 03:47	7°♓54'25	
max. Earth dist.	-4504 Apr 03 j 01:27	7°♓41'39	1.32617 AU
evening rise	-4504 Apr 10 j 01:28	22°♓45'47	
	-4504 Apr 13 j 14:53	0°♈	
	-4504 May 01 j 19:38	0°♉	
evening max el	-4504 May 09 j 11:51	8°♉43'17	26°30'08
desc. node	-4504 May 14 j 21:56	13°♉06'09	
retrograde	-4504 May 23 j 13:47	16°♉03'15	
evening set	-4504 May 29 j 23:34	14°♉18'30	
min. Earth dist.	-4504 Jun 03 j 01:03	11°♉37'01	0.59806 AU
inferior conj	-4504 Jun 06 j 10:07	8°♉55'01	-4°-14'-33
minimum elong	-4504 Jun 06 j 09:20	8°♉56'35	4°14'25
morning rise	-4504 Jun 13 j 22:42	4°♉17'49	
direct	-4504 Jun 16 j 10:07	3°♉55'22	
morning max el	-4504 Jun 23 j 21:47	7°♉31'50	18°17'58
asc. node	-4504 Jun 29 j 01:29	13°♉51'33	
	-4504 Jul 08 j 09:06	0°♊	
morning set	-4504 Jul 09 j 21:55	2°♊53'55	
superior conj	-4504 Jul 19 j 10:25	20°♊43'30	1°47'45
minimum elong	-4504 Jul 19 j 11:54	20°♊50'13	1°47'56
	-4504 Jul 24 j 15:15	0°♋	
max. Earth dist.	-4504 Jul 26 j 21:55	3°♋56'11	1.40672 AU
evening rise	-4504 Jul 31 j 19:51	12°♋10'21	
desc. node	-4504 Aug 10 j 20:50	28°♋01'50	
	-4504 Aug 12 j 04:05	0°♌	
greatest brilliancy	-4504 Aug 29 j 15:36	24°♌13'15	-0.2m
	-4504 Sep 03 j 18:25	0°♍	
evening max el	-4504 Sep 04 j 01:30	0°♍17'56	23°07'25
retrograde	-4504 Sep 14 j 05:41	6°♍19'42	
evening set	-4504 Sep 19 j 01:49	4°♍20'16	
	-4504 Sep 22 j 22:50	30°℞♌	
inferior conj	-4504 Sep 24 j 09:59	28°♌00'15	0°-12'-25
minimum elong	-4504 Sep 24 j 10:16	27°♌59'16	0°12'12
transit middle	-4504 Sep 24 j 10:16	27°♌59'16	0°12'12
transit begin	-4504 Sep 24 j 08:28	28°♌05'28	
transit end	-4504 Sep 24 j 12:04	27°♌53'04	
min. Earth dist.	-4504 Sep 24 j 04:20	28°♌19'40	0.67400 AU
asc. node	-4504 Sep 25 j 00:33	27°♌10'13	
morning rise	-4504 Sep 29 j 18:41	21°♌45'38	
direct	-4504 Oct 03 j 23:59	20°♌07'13	
morning max el	-4504 Oct 12 j 21:47	25°♌24'14	21°38'18
	-4504 Oct 16 j 23:34	0°♍	
greatest brilliancy	-4504 Oct 17 j 23:37	1°♍14'25	-0.4m
desc. node	-4504 Nov 06 j 20:43	29°♍38'00	
	-4504 Nov 07 j 02:27	0°♎	
morning set	-4504 Nov 13 j 09:50	9°♎49'47	
max. Earth dist.	-4504 Nov 20 j 10:44	21°♎12'48	1.41868 AU
	-4504 Nov 25 j 16:10	0°♏	
superior conj	-4504 Nov 27 j 22:23	3°♏53'38	-1°-47'-13
minimum elong	-4504 Nov 27 j 18:53	3°♏38'26	1°47'10
evening rise	-4504 Dec 08 j 20:40	23°♏29'37	
	-4504 Dec 12 j 10:16	0°♐	
asc. node	-4504 Dec 21 j 23:20	15°♐41'36	
evening max el	-4504 Dec 25 j 07:24	19°♐37'35	18°10'00
retrograde	-4503 Jan 01 j 03:54	23°♐07'07	
evening set	-4503 Jan 03 j 18:09	22°♐37'39	
inferior conj	-4503 Jan 10 j 14:49	17°♐42'09	4°04'31
minimum elong	-4503 Jan 10 j 14:26	17°♐43'04	4°04'18
min. Earth dist.	-4503 Jan 13 j 18:35	14°♐47'47	0.60874 AU
morning rise	-4503 Jan 17 j 08:06	12°♐01'15	
direct	-4503 Jan 24 j 05:36	9°♐44'57	
desc. node	-4503 Feb 02 j 20:24	13°♐33'24	
morning max el	-4503 Feb 07 j 08:00	17°♐25'04	27°28'43
	-4503 Feb 17 j 20:18	0°♑	
	-4503 Mar 07 j 17:03	0°♒	
morning set	-4503 Mar 11 j 06:02	7°♒07'24	
max. Earth dist.	-4503 Mar 17 j 14:18	20°♒37'42	1.32648 AU
superior conj	-4503 Mar 18 j 11:39	22°♒34'09	0°-15'-9
minimum elong	-4503 Mar 18 j 12:20	22°♒37'53	0°15'10
behind sun begin	-4503 Mar 18 j 10:56	22°♒30'13	
behind sun end	-4503 Mar 18 j 13:45	22°♒45'33	
asc. node	-4503 Mar 19 j 22:43	25°♒45'34	
	-4503 Mar 21 j 21:26	0°♓	
evening rise	-4503 Mar 25 j 11:59	7°♓43'17	
	-4503 Apr 06 j 05:38	0°♈	
evening max el	-4503 Apr 21 j 07:36	19°♈58'37	25°18'02
desc. node	-4503 May 01 j 19:05	26°♈38'46	
retrograde	-4503 May 05 j 09:22	27°♈09'06	
evening set	-4503 May 10 j 17:09	26°♈02'55	
min. Earth dist.	-4503 May 15 j 20:05	23°♈12'50	0.57827 AU
inferior conj	-4503 May 18 j 23:29	21°♈02'24	-3°-50'-16
minimum elong	-4503 May 18 j 19:19	21°♈09'40	3°49'35
morning rise	-4503 May 27 j 01:35	16°♈45'55	
direct	-4503 May 29 j 12:27	16°♈27'33	
morning max el	-4503 Jun 07 j 02:10	20°♈28'50	18°57'03
	-4503 Jun 14 j 11:08	0°♉	
asc. node	-4503 Jun 15 j 22:28	2°♉25'59	
morning set	-4503 Jun 23 j 16:37	16°♉53'20	
	-4503 Jun 30 j 08:57	0°♊	
superior conj	-4503 Jul 02 j 07:01	3°♊41'53	1°48'28
minimum elong	-4503 Jul 02 j 06:12	3°♊37'54	1°48'38
max. Earth dist.	-4503 Jul 08 j 23:39	16°♊07'32	1.38731 AU
evening rise	-4503 Jul 12 j 23:32	23°♊09'52	
	-4503 Jul 17 j 00:30	0°♋	
desc. node	-4503 Jul 28 j 17:52	18°♋21'36	
	-4503 Aug 05 j 23:53	0°♌	
evening max el	-4503 Aug 17 j 13:03	13°♌45'54	24°27'51
retrograde	-4503 Aug 28 j 19:34	20°♌22'09	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4503 Sep 03 j 06:45	18°♌03'18	
min. Earth dist.	-4503 Sep 07 j 23:39	12°♌37'24	0.67206 AU
inferior conj	-4503 Sep 08 j 15:45	11°♌43'17	-1°-5'-33
minimum elong	-4503 Sep 08 j 17:16	11°♌38'12	1°04'46
asc. node	-4503 Sep 11 j 21:40	7°♌38'57	
morning rise	-4503 Sep 14 j 04:02	5°♌34'57	
direct	-4503 Sep 17 j 21:03	4°♌15'54	
morning max el	-4503 Sep 25 j 19:00	8°♌53'16	20°23'49
greatest brilliancy	-4503 Oct 02 j 09:56	16°♌54'42	-0.6m
	-4503 Oct 11 j 12:51	0°♍	
morning set	-4503 Oct 23 j 09:31	18°♍04'08	
desc. node	-4503 Oct 24 j 17:39	20°♍08'55	
	-4503 Oct 31 j 00:00	0°♎	
max. Earth dist.	-4503 Nov 02 j 19:20	4°♎29'06	1.43474 AU
superior conj	-4503 Nov 08 j 16:00	14°♎01'48	-1°-25'-23
minimum elong	-4503 Nov 08 j 09:29	13°♎34'56	1°24'51
	-4503 Nov 18 j 02:48	0°♏	
evening rise	-4503 Nov 21 j 08:19	5°♏36'17	
	-4503 Dec 06 j 08:16	0°♐	
asc. node	-4503 Dec 08 j 20:25	2°♐52'30	
evening max el	-4503 Dec 08 j 19:37	2°♐50'31	18°10'40
retrograde	-4503 Dec 15 j 09:10	6°♐20'03	
evening set	-4503 Dec 18 j 02:30	5°♐42'49	
inferior conj	-4503 Dec 24 j 12:14	0°♐26'02	3°52'25
minimum elong	-4503 Dec 24 j 09:56	0°♐32'04	3°51'56
	-4503 Dec 24 j 22:07	30°℞♏	
min. Earth dist.	-4503 Dec 27 j 03:27	27°♏40'53	0.62757 AU
morning rise	-4503 Dec 30 j 15:33	24°♏32'07	
direct	-4502 Jan 06 j 17:19	21°♏51'35	
morning max el	-4502 Jan 20 j 13:26	29°♏34'25	27°41'47
desc. node	-4502 Jan 20 j 17:27	29°♏44'19	
	-4502 Jan 20 j 23:44	0°♐	
	-4502 Feb 11 j 17:36	0°♑	
morning set	-4502 Feb 23 j 08:18	21°♑35'12	
	-4502 Feb 27 j 10:02	0°♒	
max. Earth dist.	-4502 Feb 28 j 23:14	3°♒17'29	1.33038 AU
superior conj	-4502 Mar 02 j 21:15	7°♒24'37	0°-39'-53
minimum elong	-4502 Mar 02 j 23:00	7°♒34'04	0°39'44
asc. node	-4502 Mar 06 j 19:42	15°♒55'29	
evening rise	-4502 Mar 09 j 23:39	22°♒40'44	
	-4502 Mar 13 j 13:15	0°♓	
	-4502 Apr 02 j 04:34	0°♈	
evening max el	-4502 Apr 02 j 23:52	0°♈47'20	23°48'05
retrograde	-4502 Apr 16 j 16:30	7°♈36'37	
desc. node	-4502 Apr 18 j 16:14	7°♈27'45	
evening set	-4502 Apr 20 j 16:49	7°♈01'07	
min. Earth dist.	-4502 Apr 27 j 11:24	3°♈49'46	0.56224 AU
inferior conj	-4502 Apr 29 j 16:50	2°♈28'32	-2°-48'-3
minimum elong	-4502 Apr 29 j 11:04	2°♈37'21	2°46'33
	-4502 May 04 j 01:52	30°℞♓	
morning rise	-4502 May 08 j 08:59	28°♓27'31	
direct	-4502 May 10 j 20:14	28°♓11'52	
	-4502 May 17 j 02:33	0°♈	
morning max el	-4502 May 20 j 21:36	2°♈52'19	19°56'30
asc. node	-4502 Jun 02 j 19:29	21°♈34'31	
	-4502 Jun 07 j 03:21	0°♉	
morning set	-4502 Jun 07 j 19:07	1°♉19'15	
superior conj	-4502 Jun 15 j 18:02	17°♉25'56	1°40'44
minimum elong	-4502 Jun 15 j 15:50	17°♉14'58	1°40'43
max. Earth dist.	-4502 Jun 21 j 03:26	27°♉56'26	1.36888 AU
	-4502 Jun 22 j 05:38	0°♊	
evening rise	-4502 Jun 25 j 03:25	5°♊21'50	
	-4502 Jul 09 j 22:12	0°♋	
desc. node	-4502 Jul 15 j 14:56	8°♋22'50	
evening max el	-4502 Jul 30 j 23:44	27°♋16'31	25°41'33
	-4502 Aug 02 j 23:46	0°♌	
retrograde	-4502 Aug 12 j 05:01	4°♌18'46	
evening set	-4502 Aug 18 j 07:19	1°♌43'10	
	-4502 Aug 20 j 01:29	30°℞♋	
min. Earth dist.	-4502 Aug 22 j 15:24	26°♋54'52	0.66685 AU
inferior conj	-4502 Aug 23 j 18:57	25°♋26'28	-1°-56'-54
minimum elong	-4502 Aug 23 j 21:34	25°♋18'03	1°55'43
morning rise	-4502 Aug 29 j 12:25	19°♋27'43	
asc. node	-4502 Aug 29 j 18:48	19°♋18'01	
direct	-4502 Sep 01 j 19:15	18°♋25'15	
morning max el	-4502 Sep 08 j 23:26	22°♋31'08	19°22'33
	-4502 Sep 15 j 01:01	0°♌	
greatest brilliancy	-4502 Sep 18 j 22:21	5°♌36'42	-0.7m
morning set	-4502 Oct 02 j 13:35	26°♌38'07	
	-4502 Oct 04 j 17:15	0°♍	
desc. node	-4502 Oct 11 j 14:34	10°♍47'42	
max. Earth dist.	-4502 Oct 16 j 10:24	18°♍24'13	1.44495 AU
superior conj	-4502 Oct 19 j 06:50	22°♍55'50	0°-47'-17
minimum elong	-4502 Oct 19 j 01:15	22°♍33'37	0°46'34
	-4502 Oct 23 j 16:48	0°♎	
evening rise	-4502 Nov 02 j 23:11	16°♎47'02	
	-4502 Nov 10 j 22:58	0°♏	
evening max el	-4502 Nov 22 j 08:11	16°♏11'58	18°29'52
asc. node	-4502 Nov 25 j 17:33	18°♏56'08	
retrograde	-4502 Nov 28 j 23:06	19°♏52'03	
evening set	-4502 Dec 01 j 20:46	19°♏05'33	
inferior conj	-4502 Dec 07 j 21:51	13°♏29'50	3°24'34
minimum elong	-4502 Dec 07 j 18:42	13°♏38'57	3°23'44
min. Earth dist.	-4502 Dec 09 j 22:22	11°♏09'08	0.64362 AU
morning rise	-4502 Dec 13 j 15:21	7°♏25'50	
direct	-4502 Dec 20 j 12:05	4°♏36'07	
morning max el	-4501 Jan 02 j 22:27	12°♏16'27	27°19'45
desc. node	-4501 Jan 07 j 14:28	17°♏20'31	
	-4501 Jan 17 j 04:54	0°♐	
	-4501 Feb 04 j 04:56	0°♑	
morning set	-4501 Feb 07 j 02:17	5°♑33'12	
max. Earth dist.	-4501 Feb 12 j 00:12	15°♑27'02	1.33828 AU
superior conj	-4501 Feb 15 j 03:02	21°♑58'37	-1°-3'-29
minimum elong	-4501 Feb 15 j 05:39	22°♑12'28	1°03'16
	-4501 Feb 18 j 21:29	0°♒	
asc. node	-4501 Feb 21 j 16:42	5°♒56'32	
evening rise	-4501 Feb 22 j 10:36	7°♒30'21	
	-4501 Mar 06 j 13:21	0°♓	
evening max el	-4501 Mar 15 j 18:01	11°♓32'54	22°14'12
retrograde	-4501 Mar 28 j 11:47	17°♓44'23	
evening set	-4501 Mar 31 j 10:01	17°♓25'28	
desc. node	-4501 Apr 05 j 13:24	15°♓33'00	
min. Earth dist.	-4501 Apr 09 j 01:28	13°♓40'07	0.55307 AU
inferior conj	-4501 Apr 09 j 17:43	13°♓17'08	-1°-8'-32
minimum elong	-4501 Apr 09 j 14:37	13°♓21'31	1°07'35
morning rise	-4501 Apr 18 j 20:53	9°♓19'09	
direct	-4501 Apr 21 j 12:25	9°♓03'16	
morning max el	-4501 May 03 j 06:20	14°♓34'48	21°15'12
	-4501 May 14 j 17:41	0°♈	
asc. node	-4501 May 20 j 16:29	11°♈07'50	
morning set	-4501 May 23 j 02:50	16°♈03'47	
	-4501 May 29 j 19:22	0°♉	
superior conj	-4501 May 30 j 15:11	1°♉42'39	1°26'51
minimum elong	-4501 May 30 j 12:29	1°♉28'42	1°26'38
max. Earth dist.	-4501 Jun 03 j 14:30	9°♉47'23	1.35313 AU
evening rise	-4501 Jun 08 j 02:10	18°♉31'48	
	-4501 Jun 14 j 09:12	0°♊	
desc. node	-4501 Jul 02 j 12:01	27°♊57'15	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4501 Jul 04 j 01:26	0°♋		
evening max el	-4501 Jul 13 j 10:46	10°♋45'04	26°40'27	
retrograde	-4501 Jul 26 j 09:43	18°♋03'17		
evening set	-4501 Aug 02 j 01:17	15°♋17'21		
min. Earth dist.	-4501 Aug 06 j 01:16	11°♋08'00	0.65803 AU	
inferior conj	-4501 Aug 07 j 17:36	9°♋06'53	-2°-44'-36	
minimum elong	-4501 Aug 07 j 21:02	8°♋56'35	2°43'19	
morning rise	-4501 Aug 13 j 17:48	3°♋20'58		
direct	-4501 Aug 16 j 16:44	2°♋31'51		
asc. node	-4501 Aug 16 j 15:55	2°♋31'51		
morning max el	-4501 Aug 23 j 09:43	6°♋15'12	18°36'45	
	-4501 Sep 08 j 18:10	0°♌		
morning set	-4501 Sep 12 j 16:17	6°♌19'59		
	-4501 Sep 27 j 12:28	0°♍		
superior conj	-4501 Sep 28 j 06:40	1°♍11'49	0°01'17	
minimum elong	-4501 Sep 28 j 06:51	1°♍12'32	0°01'23	
behind sun begin	-4501 Sep 27 j 19:30	0°♍27'44		
behind sun end	-4501 Sep 28 j 18:13	1°♍57'18		
desc. node	-4501 Sep 28 j 11:31	1°♍30'56		
max. Earth dist.	-4501 Sep 29 j 04:13	2°♍36'43	1.44809 AU	
evening rise	-4501 Oct 14 j 13:24	26°♍54'05		
	-4501 Oct 16 j 12:14	0°♎		
evening max el	-4501 Nov 05 j 18:34	29°♎37'45	19°06'33	
	-4501 Nov 06 j 03:20	0°♏		
retrograde	-4501 Nov 12 j 18:02	3°♏37'19		
asc. node	-4501 Nov 12 j 14:42	3°♏37'13		
evening set	-4501 Nov 15 j 21:56	2°♏39'24		
	-4501 Nov 18 j 23:52	30°℞♎		
inferior conj	-4501 Nov 21 j 16:20	26°♎47'59	2°46'11	
minimum elong	-4501 Nov 21 j 13:12	26°♎57'48	2°45'09	
min. Earth dist.	-4501 Nov 23 j 02:49	24°♎59'43	0.65620 AU	
morning rise	-4501 Nov 27 j 03:32	20°♎36'33		
direct	-4501 Dec 03 j 13:17	17°♎50'56		
morning max el	-4501 Dec 16 j 08:18	25°♎19'18	26°28'09	
	-4501 Dec 20 j 15:51	0°♏		
desc. node	-4501 Dec 25 j 11:29	5°♏57'13		
	-4500 Jan 10 j 16:17	0°♐		
morning set	-4500 Jan 21 j 08:17	18°♐50'21		
max. Earth dist.	-4500 Jan 25 j 14:02	27°♐01'01	1.35060 AU	
	-4500 Jan 27 j 02:01	0°♑		
superior conj	-4500 Jan 30 j 02:50	6°♑09'38	-1°-24'-37	
minimum elong	-4500 Jan 30 j 05:54	6°♑25'21	1°24'27	
evening rise	-4500 Feb 06 j 19:05	22°♑06'28		
asc. node	-4500 Feb 08 j 13:44	25°♑44'08		
	-4500 Feb 10 j 17:13	0°♒		
evening max el	-4500 Feb 25 j 19:58	22°♒41'07	20°48'40	
retrograde	-4500 Mar 08 j 01:35	28°♒01'53		
evening set	-4500 Mar 10 j 11:07	27°♒48'13		
inferior conj	-4500 Mar 19 j 13:10	23°♒50'22	0°47'35	
minimum elong	-4500 Mar 19 j 15:18	23°♒47'18	0°46'44	
min. Earth dist.	-4500 Mar 20 j 15:41	23°♒12'11	0.55294 AU	
desc. node	-4500 Mar 22 j 10:33	22°♒12'10		
morning rise	-4500 Mar 28 j 18:03	19°♒36'58		
direct	-4500 Apr 01 j 00:33	19°♒13'41		
morning max el	-4500 Apr 14 j 04:48	25°♒37'43	22°48'42	
	-4500 Apr 18 j 06:35	0°♓		
	-4500 May 06 j 02:05	0°♈		
morning set	-4500 May 06 j 13:41	1°♈00'17		
asc. node	-4500 May 06 j 13:27	0°♈59'06		
superior conj	-4500 May 13 j 19:15	16°♈21'58	1°08'34	
minimum elong	-4500 May 13 j 16:42	16°♈08'26	1°08'13	
max. Earth dist.	-4500 May 16 j 11:24	21°♈59'29	1.34097 AU	
	-4500 May 20 j 09:29	0°♉		
evening rise	-4500 May 21 j 14:45	2°♉25'06		

	-4500 Jun 06 j 06:16	0°♊		
desc. node	-4500 Jun 18 j 09:07	16°♊53'15		
evening max el	-4500 Jun 24 j 21:54	24°♊02'50	27°16'51	
	-4500 Jul 02 j 20:07	0°♋		
retrograde	-4500 Jul 08 j 09:08	1°♋27'32		
	-4500 Jul 13 j 12:06	30°℞♊		
evening set	-4500 Jul 15 j 09:50	28°♊41'39		
min. Earth dist.	-4500 Jul 19 j 03:11	25°♊09'26	0.64540 AU	
inferior conj	-4500 Jul 21 j 09:23	22°♊40'20	-3°-26'-10	
minimum elong	-4500 Jul 21 j 13:02	22°♊30'14	3°25'06	
morning rise	-4500 Jul 27 j 17:49	17°♊10'12		
direct	-4500 Jul 30 j 11:07	16°♊31'20		
asc. node	-4500 Aug 02 j 13:01	17°♊20'36		
morning max el	-4500 Aug 05 j 23:33	20°♊00'44	18°07'47	
	-4500 Aug 13 j 11:14	0°♋		
morning set	-4500 Aug 23 j 22:08	17°♋19'29		
	-4500 Aug 31 j 12:15	0°♌		
superior conj	-4500 Sep 06 j 13:50	9°♌52'57	0°47'56	
minimum elong	-4500 Sep 06 j 19:00	10°♌13'46	0°47'29	
max. Earth dist.	-4500 Sep 10 j 21:25	16°♌47'01	1.44402 AU	
desc. node	-4500 Sep 14 j 08:27	22°♌15'03		
	-4500 Sep 19 j 07:17	0°♍		
evening rise	-4500 Sep 23 j 04:09	6°♍00'35		
	-4500 Oct 08 j 23:02	0°♎		
greatest brilliancy	-4500 Oct 11 j 16:11	3°♎53'02	-0.6m	
evening max el	-4500 Oct 19 j 00:33	13°♎04'15	19°59'09	
retrograde	-4500 Oct 26 j 15:01	17°♎31'01		
asc. node	-4500 Oct 29 j 11:51	16°♎43'12		
evening set	-4500 Oct 30 j 03:24	16°♎19'00		
inferior conj	-4500 Nov 04 j 16:52	10°♎15'17	2°00'46	
minimum elong	-4500 Nov 04 j 14:20	10°♎23'42	1°59'48	
min. Earth dist.	-4500 Nov 05 j 14:46	9°♎02'43	0.66529 AU	
morning rise	-4500 Nov 10 j 00:37	3°♎59'15		
direct	-4500 Nov 15 j 20:12	1°♎27'30		
morning max el	-4500 Nov 27 j 17:15	8°♎30'29	25°15'30	
desc. node	-4500 Dec 11 j 08:27	25°♎16'06		
	-4500 Dec 14 j 16:03	0°♏		
	-4499 Jan 02 j 05:15	0°♐		
morning set	-4499 Jan 02 j 21:17	1°♐11'48		
max. Earth dist.	-4499 Jan 06 j 16:18	8°♐08'53	1.36724 AU	
superior conj	-4499 Jan 12 j 17:46	19°♐49'14	-1°-41'-33	
minimum elong	-4499 Jan 12 j 20:31	20°♐02'54	1°41'33	
	-4499 Jan 17 j 19:25	0°♑		
evening rise	-4499 Jan 20 j 23:03	6°♑22'49		
asc. node	-4499 Jan 25 j 10:46	15°♑12'46		
	-4499 Feb 03 j 10:59	0°♒		
evening max el	-4499 Feb 07 j 08:29	4°♒24'44	19°39'03	
retrograde	-4499 Feb 16 j 21:40	8°♒56'15		
evening set	-4499 Feb 19 j 05:46	8°♒41'14		
inferior conj	-4499 Feb 27 j 17:19	4°♒37'18	2°28'08	
minimum elong	-4499 Feb 27 j 22:22	4°♒29'17	2°26'34	
min. Earth dist.	-4499 Mar 02 j 06:18	3°♒00'46	0.56189 AU	
morning rise	-4499 Mar 08 j 11:30	29°♑56'09		
	-4499 Mar 08 j 06:49	30°℞♑		
desc. node	-4499 Mar 09 j 07:40	29°♑41'18		
direct	-4499 Mar 12 j 21:06	29°♑12'35		
	-4499 Mar 17 j 10:18	0°♒		
morning max el	-4499 Mar 26 j 20:38	6°♒15'44	24°27'37	
	-4499 Apr 12 j 21:32	0°♓		
morning set	-4499 Apr 21 j 01:54	16°♓02'53		
asc. node	-4499 Apr 23 j 10:25	21°♓02'53		
	-4499 Apr 27 j 13:47	0°♈		
superior conj	-4499 Apr 28 j 03:48	1°♈15'49	0°47'14	
minimum elong	-4499 Apr 28 j 01:52	1°♈05'19	0°46'52	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4499 Apr 29 j 17:13	4°♈37'29	1.33250 AU
evening rise	-4499 May 05 j 13:04	16°♈49'14	
	-4499 May 12 j 09:03	0°♉	
	-4499 May 31 j 22:38	0°♊	
desc. node	-4499 Jun 05 j 06:13	4°♊54'38	
evening max el	-4499 Jun 07 j 07:26	6°♊58'19	27°24'22
retrograde	-4499 Jun 21 j 02:29	14°♊22'52	
evening set	-4499 Jun 28 j 05:30	11°♊50'31	
min. Earth dist.	-4499 Jul 01 j 19:41	8°♊48'37	0.62910 AU
inferior conj	-4499 Jul 04 j 15:31	6°♊01'19	-3°-58'-3
minimum elong	-4499 Jul 04 j 18:29	5°♊53'58	3°57'27
morning rise	-4499 Jul 11 j 09:40	0°♊49'53	
direct	-4499 Jul 13 j 23:32	0°♊18'39	
asc. node	-4499 Jul 20 j 10:04	3°♊32'17	
morning max el	-4499 Jul 20 j 14:19	3°♊42'39	17°56'45
morning set	-4499 Aug 06 j 03:36	29°♊27'01	
	-4499 Aug 06 j 11:04	0°♋	
superior conj	-4499 Aug 17 j 21:14	19°♋46'48	1°22'34
minimum elong	-4499 Aug 18 j 02:47	20°♋10'05	1°22'15
	-4499 Aug 24 j 01:49	0°♌	
max. Earth dist.	-4499 Aug 24 j 11:33	0°♌39'24	1.43337 AU
desc. node	-4499 Sep 01 j 05:24	12°♌57'26	
evening rise	-4499 Sep 02 j 07:52	14°♌40'29	
	-4499 Sep 12 j 09:18	0°♍	
greatest brilliancy	-4499 Sep 26 j 13:29	20°♍05'51	-0.5m
evening max el	-4499 Oct 02 j 00:41	26°♍30'12	21°05'13
	-4499 Oct 06 j 03:09	0°♎	
retrograde	-4499 Oct 10 j 11:52	1°♎30'45	
evening set	-4499 Oct 14 j 11:04	0°♎01'48	
	-4499 Oct 14 j 12:01	30°℞♍	
asc. node	-4499 Oct 16 j 09:00	28°♍15'50	
inferior conj	-4499 Oct 19 j 21:15	23°♍49'07	1°10'48
minimum elong	-4499 Oct 19 j 19:40	23°♍54'33	1°10'11
min. Earth dist.	-4499 Oct 20 j 07:52	23°♍12'47	0.67113 AU
morning rise	-4499 Oct 25 j 03:51	17°♍31'26	
direct	-4499 Oct 30 j 08:07	15°♍19'18	
morning max el	-4499 Nov 10 j 02:01	21°♍44'20	23°51'31
	-4499 Nov 17 j 05:57	0°♎	
desc. node	-4499 Nov 28 j 05:23	15°♎04'50	
	-4499 Dec 07 j 23:33	0°♏	
morning set	-4499 Dec 15 j 11:13	12°♏20'53	
max. Earth dist.	-4499 Dec 19 j 12:23	19°♏23'04	1.38708 AU
	-4499 Dec 25 j 08:29	0°♐	
superior conj	-4499 Dec 26 j 20:00	2°♐46'42	-1°-51'-56
minimum elong	-4499 Dec 26 j 21:21	2°♐53'05	1°52'06
evening rise	-4498 Jan 04 j 20:06	20°♐12'52	
	-4498 Jan 09 j 22:53	0°♑	
asc. node	-4498 Jan 12 j 07:49	4°♑15'26	
evening max el	-4498 Jan 21 j 06:50	16°♑42'35	18°48'38
retrograde	-4498 Jan 29 j 10:16	20°♑38'06	
evening set	-4498 Jan 31 j 20:40	20°♑18'28	
inferior conj	-4498 Feb 08 j 15:37	15°♑57'00	3°33'06
minimum elong	-4498 Feb 08 j 19:37	15°♑49'39	3°32'12
min. Earth dist.	-4498 Feb 11 j 22:10	13°♑33'45	0.57779 AU
morning rise	-4498 Feb 16 j 14:53	10°♑47'47	
direct	-4498 Feb 22 j 06:17	9°♑30'32	
desc. node	-4498 Feb 24 j 04:47	9°♑39'41	
morning max el	-4498 Mar 08 j 11:56	16°♑55'10	25°57'58
	-4498 Mar 19 j 05:22	0°♒	
	-4498 Apr 05 j 01:23	0°♓	
morning set	-4498 Apr 05 j 13:44	1°♓04'33	
asc. node	-4498 Apr 10 j 07:21	11°♓13'43	
superior conj	-4498 Apr 12 j 14:47	16°♓16'22	0°23'50
minimum elong	-4498 Apr 12 j 13:45	16°♓10'43	0°23'32
max. Earth dist.	-4498 Apr 13 j 04:48	17°♓32'51	1.32753 AU
	-4498 Apr 19 j 00:08	0°♈	
evening rise	-4498 Apr 19 j 17:58	1°♈32'41	
	-4498 May 05 j 09:21	0°♉	
evening max el	-4498 May 20 j 12:44	19°♉18'03	26°59'14
desc. node	-4498 May 23 j 03:21	21°♉37'18	
retrograde	-4498 Jun 03 j 12:31	26°♉39'31	
evening set	-4498 Jun 10 j 08:08	24°♉34'21	
min. Earth dist.	-4498 Jun 14 j 02:14	21°♉50'19	0.60987 AU
inferior conj	-4498 Jun 17 j 08:35	19°♉00'38	-4°-14'-49
minimum elong	-4498 Jun 17 j 09:33	18°♉58'32	4°14'38
morning rise	-4498 Jun 24 j 13:58	14°♉10'28	
direct	-4498 Jun 27 j 02:07	13°♉45'01	
morning max el	-4498 Jul 04 j 03:17	17°♉13'23	18°04'36
asc. node	-4498 Jul 07 j 07:05	20°♉50'14	
	-4498 Jul 13 j 05:45	0°♊	
morning set	-4498 Jul 20 j 03:07	12°♊27'00	
	-4498 Jul 29 j 18:01	0°♋	
superior conj	-4498 Jul 30 j 08:04	1°♋02'16	1°42'25
minimum elong	-4498 Jul 30 j 11:11	1°♋16'00	1°42'28
max. Earth dist.	-4498 Aug 06 j 20:38	13°♋58'16	1.41745 AU
evening rise	-4498 Aug 12 j 20:39	23°♋47'07	
	-4498 Aug 16 j 19:01	0°♌	
desc. node	-4498 Aug 19 j 02:22	3°♌34'25	
	-4498 Sep 06 j 10:11	0°♍	
greatest brilliancy	-4498 Sep 10 j 01:12	4°♍36'17	-0.3m
evening max el	-4498 Sep 14 j 18:39	9°♍55'31	22°21'11
retrograde	-4498 Sep 24 j 06:59	15°♍34'23	
evening set	-4498 Sep 28 j 19:06	13°♍46'14	
asc. node	-4498 Oct 03 j 06:08	8°♍41'34	
inferior conj	-4498 Oct 04 j 03:32	7°♍27'56	0°18'17
minimum elong	-4498 Oct 04 j 03:07	7°♍29'25	0°18'12
min. Earth dist.	-4498 Oct 04 j 03:42	7°♍27'23	0.67384 AU
morning rise	-4498 Oct 09 j 10:59	1°♍11'32	
	-4498 Oct 11 j 06:46	30°℞♌	
direct	-4498 Oct 14 j 00:17	29°♌21'05	
	-4498 Oct 16 j 22:17	0°♍	
morning max el	-4498 Oct 23 j 13:36	5°♍02'25	22°25'36
greatest brilliancy	-4498 Oct 28 j 06:43	10°♍21'42	-0.3m
	-4498 Nov 11 j 13:54	0°♎	
desc. node	-4498 Nov 15 j 02:19	5°♎14'59	
morning set	-4498 Nov 25 j 21:06	22°♎07'16	
	-4498 Nov 30 j 15:41	0°♏	
max. Earth dist.	-4498 Dec 01 j 10:30	1°♏19'12	1.40767 AU
superior conj	-4498 Dec 09 j 04:38	14°♏49'15	-1°-52'-39
minimum elong	-4498 Dec 09 j 03:12	14°♏42'51	1°52'47
	-4498 Dec 17 j 10:34	0°♐	
evening rise	-4498 Dec 19 j 07:17	3°♐29'56	
asc. node	-4498 Dec 30 j 04:55	22°♐43'54	
evening max el	-4497 Jan 04 j 12:47	29°♐28'15	18°18'19
	-4497 Jan 05 j 02:15	0°♑	
retrograde	-4497 Jan 11 j 17:33	3°♑03'29	
evening set	-4497 Jan 14 j 06:21	2°♑37'53	
	-4497 Jan 18 j 21:11	30°℞♐	
inferior conj	-4497 Jan 21 j 10:23	27°♐54'42	4°01'33
minimum elong	-4497 Jan 21 j 11:33	27°♐52'13	4°01'17
min. Earth dist.	-4497 Jan 24 j 18:18	25°♐05'02	0.59721 AU
morning rise	-4497 Jan 28 j 13:42	22°♐23'19	
direct	-4497 Feb 04 j 03:20	20°♐27'24	
desc. node	-4497 Feb 11 j 01:51	22°♐26'38	
morning max el	-4497 Feb 18 j 08:12	28°♐03'16	27°05'00
	-4497 Feb 20 j 06:03	0°♑	
	-4497 Mar 12 j 19:07	0°♒	
morning set	-4497 Mar 20 j 23:30	15°♒59'13	
	-4497 Mar 27 j 12:19	0°♓	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4497 Mar 28 j 02:32	1°♓17'48	0°00'-46
minimum elong	-4497 Mar 28 j 02:34	1°♓18'00	0°00'54
behind sun begin	-4497 Mar 27 j 21:35	0°♓50'40	
behind sun end	-4497 Mar 28 j 07:34	1°♓45'19	
max. Earth dist.	-4497 Mar 27 j 18:26	0°♓33'27	1.32592 AU
asc. node	-4497 Mar 28 j 04:20	1°♓27'37	
evening rise	-4497 Apr 04 j 03:03	16°♓27'11	
	-4497 Apr 10 j 22:38	0°♈	
	-4497 May 01 j 13:17	0°♉	
evening max el	-4497 May 02 j 11:46	0°♉55'09	26°02'22
desc. node	-4497 May 10 j 00:29	6°♉29'51	
retrograde	-4497 May 16 j 13:52	8°♉11'41	
evening set	-4497 May 22 j 14:07	6°♉43'14	
min. Earth dist.	-4497 May 27 j 00:21	4°♉00'15	0.58947 AU
inferior conj	-4497 May 30 j 08:57	1°♉29'04	-4°-8'-23
minimum elong	-4497 May 30 j 06:42	1°♉33'18	4°08'07
	-4497 Jun 01 j 09:24	30°℞♈	
morning rise	-4497 Jun 07 j 03:08	27°♈01'10	
direct	-4497 Jun 09 j 14:28	26°♈40'28	
	-4497 Jun 17 j 00:40	0°♉	
morning max el	-4497 Jun 17 j 11:39	0°♉25'14	18°32'09
asc. node	-4497 Jun 24 j 04:05	9°♉00'05	
morning set	-4497 Jul 03 j 15:53	26°♉07'11	
	-4497 Jul 05 j 16:11	0°♊	
superior conj	-4497 Jul 12 j 18:02	13°♊27'49	1°49'17
minimum elong	-4497 Jul 12 j 18:25	13°♊29'38	1°49'28
max. Earth dist.	-4497 Jul 20 j 00:10	26°♊33'01	1.39849 AU
	-4497 Jul 22 j 00:03	0°♋	
evening rise	-4497 Jul 24 j 08:54	4°♋00'57	
desc. node	-4497 Aug 05 j 23:23	24°♋01'48	
	-4497 Aug 10 j 00:24	0°♌	
evening max el	-4497 Aug 28 j 07:39	23°♌21'09	23°41'54
retrograde	-4497 Sep 07 j 23:09	29°♌38'29	
evening set	-4497 Sep 13 j 01:42	27°♌30'20	
inferior conj	-4497 Sep 18 j 09:59	21°♌09'49	0°-35'-5
minimum elong	-4497 Sep 18 j 10:48	21°♌07'02	0°34'36
min. Earth dist.	-4497 Sep 17 j 23:53	21°♌44'21	0.67355 AU
asc. node	-4497 Sep 20 j 03:15	18°♌51'43	
morning rise	-4497 Sep 23 j 20:03	14°♌57'43	
direct	-4497 Sep 27 j 19:48	13°♌28'03	
morning max el	-4497 Oct 06 j 06:54	18°♌27'19	21°05'18
greatest brilliancy	-4497 Oct 11 j 21:12	25°♌00'40	-0.5m
	-4497 Oct 15 j 14:39	0°♍	
desc. node	-4497 Nov 01 j 23:14	25°♍39'43	
	-4497 Nov 04 j 18:18	0°♎	
morning set	-4497 Nov 05 j 05:08	0°♎42'20	
max. Earth dist.	-4497 Nov 13 j 14:55	14°♎07'28	1.42611 AU
superior conj	-4497 Nov 20 j 13:49	25°♎41'46	-1°-40'00
minimum elong	-4497 Nov 20 j 08:49	25°♎20'30	1°39'44
	-4497 Nov 23 j 02:10	0°♏	
evening rise	-4497 Dec 02 j 04:50	16°♏05'02	
	-4497 Dec 10 j 02:07	0°♐	
asc. node	-4497 Dec 17 j 02:02	10°♐26'44	
evening max el	-4497 Dec 18 j 23:29	12°♐32'52	18°07'52
retrograde	-4497 Dec 25 j 16:07	16°♐01'23	
evening set	-4497 Dec 28 j 07:26	15°♐28'54	
inferior conj	-4496 Jan 03 j 23:09	10°♐23'59	4°01'42
minimum elong	-4496 Jan 03 j 21:49	10°♐27'16	4°01'25
min. Earth dist.	-4496 Jan 06 j 22:02	7°♐31'07	0.61699 AU
morning rise	-4496 Jan 10 j 09:55	4°♐36'45	
direct	-4496 Jan 17 j 10:20	2°♐08'28	
desc. node	-4496 Jan 28 j 22:55	7°♐33'23	
morning max el	-4496 Jan 31 j 10:48	9°♐50'47	27°38'45
	-4496 Feb 16 j 03:49	0°♑	
	-4496 Mar 03 j 21:31	0°♒	
morning set	-4496 Mar 04 j 05:09	0°♒38'58	
max. Earth dist.	-4496 Mar 10 j 06:06	13°♒23'55	1.32767 AU
superior conj	-4496 Mar 11 j 13:23	16°♒13'38	0°-25'-44
minimum elong	-4496 Mar 11 j 14:32	16°♒19'54	0°25'40
asc. node	-4496 Mar 14 j 01:19	21°♒39'53	
	-4496 Mar 17 j 22:12	0°♓	
evening rise	-4496 Mar 18 j 14:15	1°♓24'53	
	-4496 Apr 03 j 09:44	0°♈	
evening max el	-4496 Apr 13 j 05:14	11°♈55'24	24°41'05
desc. node	-4496 Apr 25 j 21:38	18°♈55'45	
retrograde	-4496 Apr 27 j 04:42	18°♈59'39	
evening set	-4496 May 01 j 23:13	18°♈07'52	
min. Earth dist.	-4496 May 07 j 17:22	15°♈10'04	0.57075 AU
inferior conj	-4496 May 10 j 13:42	13°♈18'34	-3°-28'-49
minimum elong	-4496 May 10 j 08:27	13°♈27'12	3°27'45
morning rise	-4496 May 18 j 21:54	9°♈10'05	
direct	-4496 May 21 j 08:36	8°♈53'14	
morning max el	-4496 May 30 j 12:37	13°♈09'18	19°19'58
asc. node	-4496 Jun 10 j 01:05	27°♈49'59	
	-4496 Jun 11 j 05:51	0°♉	
morning set	-4496 Jun 16 j 14:14	10°♉18'31	
superior conj	-4496 Jun 24 j 21:23	26°♉47'31	1°46'04
minimum elong	-4496 Jun 24 j 19:51	26°♉40'04	1°46'11
	-4496 Jun 26 j 13:09	0°♊	
max. Earth dist.	-4496 Jul 01 j 01:35	8°♊30'01	1.37913 AU
evening rise	-4496 Jul 04 j 23:24	15°♊32'33	
	-4496 Jul 13 j 13:16	0°♋	
desc. node	-4496 Jul 22 j 20:25	14°♋14'36	
	-4496 Aug 03 j 14:20	0°♌	
evening max el	-4496 Aug 09 j 18:23	6°♌49'55	25°00'30
retrograde	-4496 Aug 21 j 11:25	13°♌39'23	
evening set	-4496 Aug 27 j 05:03	11°♌12'46	
min. Earth dist.	-4496 Aug 31 j 18:02	6°♌02'31	0.67017 AU
inferior conj	-4496 Sep 01 j 14:54	4°♌53'30	-1°-27'-38
minimum elong	-4496 Sep 01 j 16:55	4°♌46'51	1°26'40
	-4496 Sep 05 j 18:07	30°℞♋	
asc. node	-4496 Sep 06 j 00:22	29°♋45'41	
morning rise	-4496 Sep 07 j 05:12	28°♋48'48	
direct	-4496 Sep 10 j 17:30	27°♋37'22	
	-4496 Sep 16 j 02:58	0°♌	
morning max el	-4496 Sep 18 j 07:20	2°♌00'46	19°56'01
greatest brilliancy	-4496 Sep 25 j 22:55	11°♌33'28	-0.6m
	-4496 Oct 08 j 08:28	0°♍	
morning set	-4496 Oct 14 j 03:45	8°♍57'03	
desc. node	-4496 Oct 18 j 20:11	16°♍14'41	
max. Earth dist.	-4496 Oct 26 j 02:06	27°♍40'50	1.43986 AU
	-4496 Oct 27 j 12:56	0°♎	
superior conj	-4496 Oct 30 j 19:37	5°♎16'59	-1°-11'-5
minimum elong	-4496 Oct 30 j 12:49	4°♎49'26	1°10'22
evening rise	-4496 Nov 13 j 08:18	27°♎49'23	
	-4496 Nov 14 j 14:55	0°♏	
evening max el	-4496 Dec 01 j 12:12	25°♏50'13	18°16'34
asc. node	-4496 Dec 02 j 23:09	27°♏11'04	
retrograde	-4496 Dec 08 j 01:30	29°♏23'09	
evening set	-4496 Dec 10 j 20:23	28°♏42'22	
inferior conj	-4496 Dec 17 j 02:14	23°♏17'25	3°42'08
minimum elong	-4496 Dec 16 j 23:27	23°♏25'03	3°41'30
min. Earth dist.	-4496 Dec 19 j 11:23	20°♏40'52	0.63485 AU
morning rise	-4496 Dec 23 j 00:53	17°♏18'42	
direct	-4496 Dec 30 j 01:28	14°♏32'03	
morning max el	-4495 Jan 12 j 18:07	22°♏15'29	27°36'18
desc. node	-4495 Jan 14 j 19:59	24°♏24'09	
	-4495 Jan 19 j 15:16	0°♐	
	-4495 Feb 08 j 06:53	0°♑	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4495 Feb 16 j 04:18	14°♑55'21	
max. Earth dist.	-4495 Feb 21 j 11:54	25°♑50'55	1.33320 AU
	-4495 Feb 23 j 10:48	0°♒	
superior conj	-4495 Feb 23 j 21:37	0°♒57'55	0°-50'-7
minimum elong	-4495 Feb 23 j 23:47	1°♒09'27	0°49'56
asc. node	-4495 Feb 28 j 22:20	11°♒46'31	
evening rise	-4495 Mar 03 j 01:49	16°♒19'25	
	-4495 Mar 09 j 22:53	0°♓	
evening max el	-4495 Mar 25 j 21:32	22°♓39'23	23°07'49
retrograde	-4495 Apr 08 j 06:46	29°♓14'53	
evening set	-4495 Apr 11 j 18:16	28°♓48'25	
desc. node	-4495 Apr 12 j 18:48	28°♓31'06	
min. Earth dist.	-4495 Apr 19 j 08:16	25°♓24'10	0.55725 AU
inferior conj	-4495 Apr 20 j 23:11	24°♓27'13	-2°-9'-40
minimum elong	-4495 Apr 20 j 17:59	24°♓34'50	2°08'10
morning rise	-4495 Apr 29 j 20:40	20°♓29'10	
direct	-4495 May 02 j 08:41	20°♓14'02	
morning max el	-4495 May 13 j 03:39	25°♓15'57	20°27'50
	-4495 May 17 j 10:20	0°♈	
asc. node	-4495 May 27 j 22:05	17°♈09'49	
morning set	-4495 May 31 j 19:12	24°♈52'51	
	-4495 Jun 03 j 07:06	0°♉	
superior conj	-4495 Jun 08 j 13:08	10°♉46'35	1°35'28
minimum elong	-4495 Jun 08 j 10:37	10°♉33'53	1°35'22
max. Earth dist.	-4495 Jun 13 j 07:36	20°♉15'16	1.36172 AU
evening rise	-4495 Jun 17 j 11:59	28°♉11'12	
	-4495 Jun 18 j 11:39	0°♊	
	-4495 Jul 06 j 20:08	0°♋	
desc. node	-4495 Jul 09 j 17:29	4°♋05'30	
evening max el	-4495 Jul 23 j 05:12	20°♋20'38	26°09'01
retrograde	-4495 Aug 04 j 19:00	27°♋31'15	
evening set	-4495 Aug 11 j 03:06	24°♋50'31	
min. Earth dist.	-4495 Aug 15 j 07:41	20°♋18'27	0.66348 AU
inferior conj	-4495 Aug 16 j 16:25	18°♋35'57	-2°-17'-42
minimum elong	-4495 Aug 16 j 19:26	18°♋26'30	2°16'27
morning rise	-4495 Aug 22 j 12:32	12°♋41'59	
asc. node	-4495 Aug 23 j 21:29	12°♋03'21	
direct	-4495 Aug 25 j 15:43	11°♋45'33	
morning max el	-4495 Sep 01 j 14:23	15°♋41'07	19°01'02
	-4495 Sep 12 j 05:29	0°♌	
morning set	-4495 Sep 23 j 15:55	17°♌55'41	
	-4495 Oct 01 j 07:33	0°♍	
desc. node	-4495 Oct 05 j 17:07	6°♍55'37	
max. Earth dist.	-4495 Oct 08 j 18:19	11°♍44'07	1.44719 AU
superior conj	-4495 Oct 10 j 01:48	13°♍48'19	0°-27'-19
minimum elong	-4495 Oct 09 j 22:17	13°♍34'28	0°26'49
	-4495 Oct 20 j 05:55	0°♎	
evening rise	-4495 Oct 25 j 12:53	8°♎33'05	
	-4495 Nov 07 j 22:37	0°♏	
evening max el	-4495 Nov 15 j 00:12	9°♏14'34	18°43'28
asc. node	-4495 Nov 19 j 20:15	12°♏41'39	
retrograde	-4495 Nov 21 j 17:50	13°♏01'34	
evening set	-4495 Nov 24 j 17:56	12°♏10'31	
inferior conj	-4495 Nov 30 j 15:58	6°♏27'59	3°09'21
minimum elong	-4495 Nov 30 j 12:45	6°♏37'40	3°08'23
min. Earth dist.	-4495 Dec 02 j 10:27	4°♏20'19	0.64946 AU
morning rise	-4495 Dec 06 j 06:26	0°♏20'43	
	-4495 Dec 06 j 16:28	30°℞♎	
direct	-4495 Dec 12 j 23:15	27°♎31'02	
	-4495 Dec 20 j 00:17	0°♏	
morning max el	-4495 Dec 26 j 03:33	5°♏07'27	27°00'53
desc. node	-4494 Jan 01 j 17:02	12°♏28'59	
	-4494 Jan 14 j 05:40	0°♐	
morning set	-4494 Jan 30 j 17:45	28°♐38'11	
	-4494 Jan 31 j 10:39	0°♑	
max. Earth dist.	-4494 Feb 04 j 08:16	7°♑45'11	1.34297 AU
superior conj	-4494 Feb 08 j 01:14	15°♑24'03	-1°-12'-50
minimum elong	-4494 Feb 08 j 04:07	15°♑39'04	1°12'37
	-4494 Feb 14 j 23:33	0°♒	
evening rise	-4494 Feb 15 j 11:59	1°♒04'48	
asc. node	-4494 Feb 15 j 19:22	1°♒43'03	
	-4494 Mar 04 j 10:59	0°♓	
evening max el	-4494 Mar 07 j 18:42	3°♓33'41	21°36'16
retrograde	-4494 Mar 19 j 22:04	9°♓23'38	
evening set	-4494 Mar 22 j 13:16	9°♓08'01	
desc. node	-4494 Mar 30 j 15:57	5°♓46'16	
inferior conj	-4494 Mar 31 j 20:10	5°♓06'45	0°-19'-28
minimum elong	-4494 Mar 31 j 19:15	5°♓08'02	0°19'15
min. Earth dist.	-4494 Mar 31 j 22:26	5°♓03'33	0.55188 AU
morning rise	-4494 Apr 10 j 01:29	1°♓04'18	
direct	-4494 Apr 12 j 22:04	0°♓46'15	
morning max el	-4494 Apr 25 j 07:42	6°♓40'57	21°53'30
	-4494 May 11 j 07:48	0°♈	
asc. node	-4494 May 14 j 19:05	6°♈52'01	
morning set	-4494 May 16 j 04:31	9°♈43'44	
superior conj	-4494 May 23 j 13:34	25°♈14'11	1°19'32
minimum elong	-4494 May 23 j 10:52	25°♈00'02	1°19'16
	-4494 May 25 j 20:38	0°♉	
max. Earth dist.	-4494 May 26 j 23:04	2°♉15'21	1.34756 AU
evening rise	-4494 May 31 j 17:15	11°♉41'51	
	-4494 Jun 10 j 20:52	0°♊	
desc. node	-4494 Jun 26 j 14:32	23°♊25'04	
	-4494 Jul 02 j 01:42	0°♋	
evening max el	-4494 Jul 05 j 16:38	3°♋46'42	26°59'09
retrograde	-4494 Jul 18 j 21:16	11°♋07'47	
evening set	-4494 Jul 25 j 17:22	8°♋20'45	
min. Earth dist.	-4494 Jul 29 j 14:25	4°♋27'28	0.65316 AU
inferior conj	-4494 Jul 31 j 12:27	2°♋14'00	-3°-3'-9
minimum elong	-4494 Jul 31 j 16:04	2°♋03'29	3°01'56
	-4494 Aug 02 j 12:03	30°℞♊	
morning rise	-4494 Aug 06 j 15:56	26°♊34'10	
direct	-4494 Aug 09 j 12:18	25°♊49'36	
asc. node	-4494 Aug 10 j 18:35	25°♊58'17	
morning max el	-4494 Aug 16 j 02:22	29°♊25'46	18°22'15
	-4494 Aug 16 j 15:30	0°♋	
morning set	-4494 Sep 04 j 06:15	28°♋11'03	
	-4494 Sep 05 j 08:48	0°♌	
superior conj	-4494 Sep 19 j 01:45	22°♌06'10	0°22'05
minimum elong	-4494 Sep 19 j 04:32	22°♌17'12	0°21'51
max. Earth dist.	-4494 Sep 21 j 12:35	25°♌58'59	1.44728 AU
desc. node	-4494 Sep 22 j 14:01	27°♌39'17	
	-4494 Sep 24 j 01:44	0°♍	
evening rise	-4494 Oct 05 j 16:21	18°♍12'15	
	-4494 Oct 13 j 05:34	0°♎	
greatest brilliancy	-4494 Oct 20 j 03:20	10°♎33'04	-0.7m
evening max el	-4494 Oct 29 j 08:58	22°♎41'03	19°27'09
retrograde	-4494 Nov 05 j 13:52	26°♎50'55	
asc. node	-4494 Nov 06 j 17:24	26°♎43'19	
evening set	-4494 Nov 08 j 21:13	25°♎47'09	
inferior conj	-4494 Nov 14 j 13:17	19°♎50'04	2°27'37
minimum elong	-4494 Nov 14 j 10:21	19°♎59'31	2°26'34
min. Earth dist.	-4494 Nov 15 j 18:10	18°♎17'05	0.66050 AU
morning rise	-4494 Nov 19 j 22:44	13°♎36'38	
direct	-4494 Nov 26 j 02:45	10°♎56'08	
morning max el	-4494 Dec 08 j 12:58	18°♎14'32	25°59'22
	-4494 Dec 18 j 12:26	0°♏	
desc. node	-4494 Dec 19 j 14:01	1°♏25'22	
	-4493 Jan 07 j 05:19	0°♐	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4493 Jan 13 j 17:10	11°♐33'31	
max. Earth dist.	-4493 Jan 17 j 17:10	19°♐06'55	1.35723 AU
superior conj	-4493 Jan 22 j 21:40	29°♐23'08	-1°-32'-26
minimum elong	-4493 Jan 23 j 00:42	29°♐38'33	1°32'19
	-4493 Jan 23 j 04:56	0°♑	
evening rise	-4493 Jan 30 j 18:50	15°♑33'47	
asc. node	-4493 Feb 02 j 16:23	21°♑23'41	
	-4493 Feb 07 j 06:10	0°♒	
evening max el	-4493 Feb 18 j 01:00	14°♒56'18	20°16'46
retrograde	-4493 Feb 28 j 12:57	19°♒55'06	
evening set	-4493 Mar 02 j 21:11	19°♒41'17	
inferior conj	-4493 Mar 11 j 17:40	15°♒42'21	1°33'48
minimum elong	-4493 Mar 11 j 21:32	15°♒36'36	1°32'24
min. Earth dist.	-4493 Mar 13 j 12:24	14°♒38'55	0.55579 AU
desc. node	-4493 Mar 17 j 13:06	12°♒30'03	
morning rise	-4493 Mar 20 j 19:31	11°♒18'27	
direct	-4493 Mar 24 j 12:29	10°♒48'26	
morning max el	-4493 Apr 07 j 02:37	17°♒30'21	23°30'50
	-4493 Apr 17 j 04:36	0°♓	
morning set	-4493 Apr 30 j 16:11	24°♓43'49	
asc. node	-4493 May 01 j 16:03	26°♓49'21	
	-4493 May 03 j 03:56	0°♈	
superior conj	-4493 May 07 j 19:48	10°♈00'31	0°59'50
minimum elong	-4493 May 07 j 17:28	9°♈48'00	0°59'27
max. Earth dist.	-4493 May 10 j 00:16	14°♈39'46	1.33698 AU
evening rise	-4493 May 15 j 10:24	25°♈49'30	
	-4493 May 17 j 13:21	0°♉	
	-4493 Jun 04 j 06:55	0°♊	
desc. node	-4493 Jun 13 j 11:37	12°♊00'03	
evening max el	-4493 Jun 18 j 03:22	16°♊56'22	27°23'47
retrograde	-4493 Jul 01 j 17:58	24°♊20'57	
evening set	-4493 Jul 08 j 20:52	21°♊38'57	
min. Earth dist.	-4493 Jul 12 j 12:16	18°♊21'03	0.63895 AU
inferior conj	-4493 Jul 15 j 00:28	15°♊42'45	-3°-41'-10
minimum elong	-4493 Jul 15 j 03:58	15°♊33'30	3°40'16
morning rise	-4493 Jul 21 j 12:52	10°♊20'23	
direct	-4493 Jul 24 j 04:35	9°♊44'56	
asc. node	-4493 Jul 28 j 15:39	11°♊24'10	
morning max el	-4493 Jul 30 j 16:56	13°♊10'33	18°00'53
	-4493 Aug 11 j 07:15	0°♋	
morning set	-4493 Aug 16 j 22:47	9°♋41'23	
	-4493 Aug 28 j 23:44	0°♌	
superior conj	-4493 Aug 29 j 17:58	1°♌14'47	1°04'26
minimum elong	-4493 Aug 29 j 23:50	1°♌38'46	1°03'59
max. Earth dist.	-4493 Sep 04 j 05:17	10°♌05'37	1.44021 AU
desc. node	-4493 Sep 09 j 10:55	18°♌22'59	
evening rise	-4493 Sep 15 j 00:14	27°♌01'56	
	-4493 Sep 16 j 22:26	0°♍	
greatest brilliancy	-4493 Oct 06 j 02:31	28°♍19'57	-0.6m
	-4493 Oct 07 j 08:39	0°♎	
evening max el	-4493 Oct 12 j 12:32	6°♎07'18	20°25'47
retrograde	-4493 Oct 20 j 11:08	10°♎47'54	
evening set	-4493 Oct 24 j 03:53	9°♎28'49	
asc. node	-4493 Oct 24 j 14:32	9°♎08'38	
inferior conj	-4493 Oct 29 j 15:43	3°♎20'36	1°39'59
minimum elong	-4493 Oct 29 j 13:33	3°♎27'54	1°39'09
min. Earth dist.	-4493 Oct 30 j 08:34	2°♎23'46	0.66810 AU
	-4493 Nov 01 j 04:48	30°℞♍	
morning rise	-4493 Nov 03 j 22:42	27°♍03'33	
direct	-4493 Nov 09 j 11:41	24°♍40'00	
	-4493 Nov 19 j 09:28	0°♎	
morning max el	-4493 Nov 20 j 21:50	1°♎28'07	24°40'45
desc. node	-4493 Dec 06 j 10:58	20°♎58'18	
	-4493 Dec 12 j 13:41	0°♏	
morning set	-4493 Dec 26 j 21:08	23°♏26'24	
max. Earth dist.	-4493 Dec 30 j 16:21	0°♐14'59	1.37541 AU
	-4493 Dec 30 j 13:04	0°♐	
superior conj	-4492 Jan 06 j 07:41	12°♐46'10	-1°-46'-55
minimum elong	-4492 Jan 06 j 10:01	12°♐57'28	1°47'00
evening rise	-4492 Jan 14 j 20:12	29°♐40'09	
	-4492 Jan 15 j 00:11	0°♑	
asc. node	-4492 Jan 20 j 13:25	10°♑42'27	
evening max el	-4492 Jan 31 j 17:47	26°♑54'41	19°15'06
	-4492 Feb 04 j 23:28	0°♒	
retrograde	-4492 Feb 09 j 15:39	1°♒09'30	
evening set	-4492 Feb 12 j 00:25	0°♒52'51	
	-4492 Feb 14 j 14:30	30°℞♑	
inferior conj	-4492 Feb 20 j 04:51	26°♑42'06	3°00'26
minimum elong	-4492 Feb 20 j 09:51	26°♑33'40	2°59'04
min. Earth dist.	-4492 Feb 23 j 03:18	24°♑43'47	0.56800 AU
morning rise	-4492 Feb 28 j 15:32	21°♑48'11	
desc. node	-4492 Mar 03 j 10:14	20°♑55'04	
direct	-4492 Mar 04 j 13:51	20°♑51'57	
morning max el	-4492 Mar 18 j 17:39	28°♑06'10	25°08'00
	-4492 Mar 20 j 14:42	0°♒	
	-4492 Apr 09 j 08:32	0°♓	
morning set	-4492 Apr 14 j 04:26	9°♓46'54	
asc. node	-4492 Apr 17 j 13:00	16°♓56'44	
superior conj	-4492 Apr 21 j 05:37	24°♓58'05	0°37'31
minimum elong	-4492 Apr 21 j 04:02	24°♓49'28	0°37'09
max. Earth dist.	-4492 Apr 22 j 08:54	27°♓26'04	1.32998 AU
	-4492 Apr 23 j 13:26	0°♈	
evening rise	-4492 Apr 28 j 11:51	10°♈22'44	
	-4492 May 08 j 20:45	0°♉	
desc. node	-4492 May 30 j 08:45	29°♉31'12	
evening max el	-4492 May 30 j 11:07	29°♉36'54	27°17'35
	-4492 May 30 j 20:52	0°♊	
retrograde	-4492 Jun 13 j 08:28	7°♊01'02	
evening set	-4492 Jun 20 j 09:48	4°♊38'17	
min. Earth dist.	-4492 Jun 24 j 00:19	1°♊46'08	0.62118 AU
	-4492 Jun 25 j 22:02	30°℞♉	
inferior conj	-4492 Jun 27 j 01:26	28°♉55'12	-4°-7'-28
minimum elong	-4492 Jun 27 j 03:44	28°♉49'49	4°07'04
morning rise	-4492 Jul 04 j 00:14	23°♉52'56	
direct	-4492 Jul 06 j 13:08	23°♉24'27	
morning max el	-4492 Jul 13 j 07:21	26°♉48'55	17°57'47
asc. node	-4492 Jul 14 j 12:41	28°♉05'56	
	-4492 Jul 16 j 02:31	0°♊	
morning set	-4492 Jul 29 j 12:33	22°♊12'30	
	-4492 Aug 02 j 20:34	0°♋	
superior conj	-4492 Aug 09 j 13:19	11°♋44'15	1°32'45
minimum elong	-4492 Aug 09 j 18:00	12°♋04'17	1°32'36
max. Earth dist.	-4492 Aug 16 j 17:08	23°♋44'17	1.42704 AU
	-4492 Aug 20 j 13:57	0°♌	
evening rise	-4492 Aug 24 j 05:15	5°♌45'50	
desc. node	-4492 Aug 26 j 07:51	9°♌03'20	
	-4492 Sep 09 j 07:05	0°♍	
greatest brilliancy	-4492 Sep 19 j 09:44	13°♍47'24	-0.4m
evening max el	-4492 Sep 24 j 09:49	19°♍32'05	21°36'37
retrograde	-4492 Oct 03 j 07:31	24°♍49'18	
evening set	-4492 Oct 07 j 11:54	23°♍12'27	
asc. node	-4492 Oct 10 j 11:41	20°♍07'48	
inferior conj	-4492 Oct 12 j 21:07	16°♍56'45	0°48'42
minimum elong	-4492 Oct 12 j 20:00	17°♍00'35	0°48'19
min. Earth dist.	-4492 Oct 13 j 03:13	16°♍35'44	0.67257 AU
morning rise	-4492 Oct 18 j 03:50	10°♍39'00	
direct	-4492 Oct 23 j 01:30	8°♍36'06	
morning max el	-4492 Nov 02 j 07:28	14°♍43'36	23°14'42

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

greatest brilliancy	-4492 Nov 07 j 14:13	20°♍41'16	-0.3m
	-4492 Nov 14 j 16:52	0°♎	
desc. node	-4492 Nov 22 j 07:53	10°♎56'44	
	-4492 Dec 04 j 13:11	0°♏	
morning set	-4492 Dec 06 j 23:30	4°♏00'45	
max. Earth dist.	-4492 Dec 11 j 11:56	11°♏41'35	1.39586 AU
superior conj	-4492 Dec 19 j 03:02	25°♏21'20	-1°-53'-38
minimum elong	-4492 Dec 19 j 03:22	25°♏22'54	1°53'50
	-4492 Dec 21 j 14:46	0°♐	
evening rise	-4492 Dec 28 j 13:24	13°♐16'36	
asc. node	-4491 Jan 06 j 10:30	29°♐31'44	
	-4491 Jan 06 j 17:24	0°♑	
evening max el	-4491 Jan 13 j 19:41	9°♑25'15	18°33'20
retrograde	-4491 Jan 21 j 12:16	13°♑10'20	
evening set	-4491 Jan 23 j 23:35	12°♑48'25	
inferior conj	-4491 Jan 31 j 11:56	8°♑18'18	3°49'11
minimum elong	-4491 Jan 31 j 14:47	8°♑12'41	3°48'38
min. Earth dist.	-4491 Feb 03 j 20:54	5°♑40'37	0.58577 AU
morning rise	-4491 Feb 08 j 02:26	2°♑58'30	
direct	-4491 Feb 14 j 04:35	1°♑24'27	
desc. node	-4491 Feb 18 j 07:21	2°♑06'19	
morning max el	-4491 Feb 28 j 10:41	8°♑55'42	26°30'02
	-4491 Mar 16 j 10:05	0°♒	
morning set	-4491 Mar 29 j 15:38	24°♒46'53	
	-4491 Apr 01 j 02:43	0°♓	
asc. node	-4491 Apr 04 j 09:58	7°♓09'51	
superior conj	-4491 Apr 05 j 17:11	10°♓00'31	0°13'31
minimum elong	-4491 Apr 05 j 16:35	9°♓57'17	0°13'17
behind sun begin	-4491 Apr 05 j 13:53	9°♓42'29	
behind sun end	-4491 Apr 05 j 19:17	10°♓12'05	
max. Earth dist.	-4491 Apr 05 j 21:39	10°♓24'57	1.32640 AU
evening rise	-4491 Apr 12 j 18:49	25°♓12'24	
	-4491 Apr 15 j 02:59	0°♈	
	-4491 May 02 j 16:53	0°♉	
evening max el	-4491 May 12 j 13:53	11°♉39'29	26°38'39
desc. node	-4491 May 17 j 05:54	15°♉32'09	
retrograde	-4491 May 26 j 15:29	18°♉59'58	
evening set	-4491 Jun 02 j 04:07	17°♉09'48	
min. Earth dist.	-4491 Jun 06 j 03:17	14°♉28'05	0.60114 AU
inferior conj	-4491 Jun 09 j 11:55	11°♉43'25	-4°-15'-33
minimum elong	-4491 Jun 09 j 11:38	11°♉44'00	4°15'25
morning rise	-4491 Jun 16 j 22:34	7°♉02'46	
direct	-4491 Jun 19 j 10:09	6°♉39'35	
morning max el	-4491 Jun 26 j 18:49	10°♉13'42	18°13'50
asc. node	-4491 Jul 01 j 09:42	15°♉48'17	
	-4491 Jul 09 j 19:25	0°♊	
morning set	-4491 Jul 12 j 18:18	5°♊31'34	
superior conj	-4491 Jul 22 j 10:47	23°♊32'07	1°46'44
minimum elong	-4491 Jul 22 j 12:41	23°♊40'42	1°46'53
	-4491 Jul 26 j 01:51	0°♋	
max. Earth dist.	-4491 Jul 29 j 23:14	6°♋43'22	1.40960 AU
evening rise	-4491 Aug 04 j 03:06	15°♋18'53	
desc. node	-4491 Aug 13 j 04:51	29°♋37'06	
	-4491 Aug 13 j 10:52	0°♌	
greatest brilliancy	-4491 Sep 02 j 00:27	27°♌18'50	-0.3m
	-4491 Sep 04 j 07:18	0°♍	
evening max el	-4491 Sep 07 j 01:28	2°♍57'38	22°55'20
retrograde	-4491 Sep 17 j 01:31	8°♍53'23	
evening set	-4491 Sep 21 j 19:31	6°♍57'00	
inferior conj	-4491 Sep 27 j 03:43	0°♍37'21	0°-4'-21
minimum elong	-4491 Sep 27 j 03:48	0°♍37'02	0°04'11
transit middle	-4491 Sep 27 j 03:48	0°♍37'02	0°04'11
transit begin	-4491 Sep 27 j 01:12	0°♍46'02	
transit end	-4491 Sep 27 j 06:25	0°♍28'02	
min. Earth dist.	-4491 Sep 26 j 23:36	0°♍51'31	0.67409 AU
asc. node	-4491 Sep 27 j 08:49	0°♍19'45	
	-4491 Sep 27 j 14:34	30°℞♌	
morning rise	-4491 Oct 02 j 12:02	24°♌22'09	
direct	-4491 Oct 06 j 19:24	22°♌40'34	
morning max el	-4491 Oct 15 j 21:01	28°♌03'39	21°50'13
	-4491 Oct 17 j 16:30	0°♍	
greatest brilliancy	-4491 Oct 20 j 19:36	3°♍42'34	-0.4m
	-4491 Nov 08 j 09:28	0°♎	
desc. node	-4491 Nov 09 j 04:48	1°♎13'35	
morning set	-4491 Nov 16 j 21:15	13°♎12'29	
max. Earth dist.	-4491 Nov 23 j 11:50	23°♎57'17	1.41594 AU
	-4491 Nov 27 j 02:06	0°♏	
superior conj	-4491 Dec 01 j 02:22	6°♏55'36	-1°-49'-8
minimum elong	-4491 Nov 30 j 23:25	6°♏42'42	1°49'09
evening rise	-4491 Dec 11 j 19:14	26°♏16'13	
	-4491 Dec 13 j 19:52	0°♐	
asc. node	-4491 Dec 24 j 07:36	17°♐42'10	
evening max el	-4491 Dec 28 j 04:03	22°♐20'06	18°11'34
retrograde	-4490 Jan 04 j 02:19	25°♐50'34	
evening set	-4490 Jan 06 j 16:14	25°♐22'05	
inferior conj	-4490 Jan 13 j 14:43	20°♐29'47	4°04'31
minimum elong	-4490 Jan 13 j 14:42	20°♐29'48	4°04'19
min. Earth dist.	-4490 Jan 16 j 19:51	17°♐35'54	0.60574 AU
morning rise	-4490 Jan 20 j 10:28	14°♐51'19	
direct	-4490 Jan 27 j 06:22	12°♐39'57	
desc. node	-4490 Feb 05 j 04:27	15°♐56'51	
morning max el	-4490 Feb 10 j 09:23	20°♐18'56	27°23'47
	-4490 Feb 18 j 18:14	0°♑	
	-4490 Mar 09 j 04:31	0°♒	
morning set	-4490 Mar 13 j 23:54	9°♒36'07	
max. Earth dist.	-4490 Mar 20 j 10:51	23°♒22'53	1.32620 AU
superior conj	-4490 Mar 21 j 04:45	25°♒00'35	0°-11'-21
minimum elong	-4490 Mar 21 j 05:16	25°♒03'23	0°11'24
behind sun begin	-4490 Mar 21 j 01:45	24°♒44'14	
behind sun end	-4490 Mar 21 j 08:46	25°♒22'33	
asc. node	-4490 Mar 22 j 06:57	27°♒23'47	
	-4490 Mar 23 j 11:34	0°♓	
evening rise	-4490 Mar 28 j 05:02	10°♓09'31	
	-4490 Apr 07 j 12:10	0°♈	
evening max el	-4490 Apr 24 j 10:34	23°♈00'45	25°30'16
desc. node	-4490 May 04 j 03:05	29°♈27'21	
	-4490 May 06 j 04:51	0°♉	
retrograde	-4490 May 08 j 12:33	0°♉12'49	
	-4490 May 10 j 20:05	30°℞♈	
evening set	-4490 May 14 j 00:55	29°♈01'02	
min. Earth dist.	-4490 May 18 j 23:02	26°♈13'17	0.58113 AU
inferior conj	-4490 May 22 j 04:16	23°♈56'55	-3°-56'-15
minimum elong	-4490 May 22 j 00:35	24°♈03'29	3°55'43
morning rise	-4490 May 30 j 04:16	19°♈37'28	
direct	-4490 Jun 01 j 15:17	19°♈18'29	
morning max el	-4490 Jun 10 j 00:19	23°♈14'58	18°49'53
	-4490 Jun 15 j 13:28	0°♉	
asc. node	-4490 Jun 18 j 06:43	4°♉16'45	
morning set	-4490 Jun 26 j 11:35	19°♉26'30	
	-4490 Jul 01 j 21:11	0°♊	
superior conj	-4490 Jul 05 j 04:48	6°♊22'34	1°48'58
minimum elong	-4490 Jul 05 j 04:16	6°♊20'00	1°49'09
max. Earth dist.	-4490 Jul 12 j 01:28	19°♊01'12	1.39024 AU
evening rise	-4490 Jul 16 j 02:49	26°♊06'43	
	-4490 Jul 18 j 09:53	0°♋	
desc. node	-4490 Jul 31 j 01:54	19°♋59'13	
	-4490 Aug 07 j 01:48	0°♌	
evening max el	-4490 Aug 20 j 13:24	16°♌25'26	24°16'05

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

retrograde	-4490 Aug 31 j 16:00	22°♌56'46	
evening set	-4490 Sep 06 j 00:58	20°♌40'36	
inferior conj	-4490 Sep 11 j 09:45	14°♌20'28	0°-57'-32
minimum elong	-4490 Sep 11 j 11:05	14°♌15'58	0°56'51
min. Earth dist.	-4490 Sep 10 j 19:13	15°♌09'30	0.67257 AU
asc. node	-4490 Sep 14 j 05:56	10°♌42'16	
morning rise	-4490 Sep 16 j 21:24	8°♌11'07	
direct	-4490 Sep 20 j 16:08	6°♌49'23	
morning max el	-4490 Sep 28 j 17:14	11°♌32'00	20°34'11
greatest brilliancy	-4490 Oct 05 j 00:47	19°♌06'40	-0.5m
	-4490 Oct 12 j 17:48	0°♍	
morning set	-4490 Oct 26 j 22:31	21°♍30'55	
desc. node	-4490 Oct 27 j 01:44	21°♍43'28	
	-4490 Nov 01 j 08:26	0°♎	
max. Earth dist.	-4490 Nov 05 j 19:42	7°♎08'23	1.43270 AU
superior conj	-4490 Nov 12 j 00:12	17°♎16'12	-1°-29'-48
minimum elong	-4490 Nov 11 j 17:59	16°♎50'21	1°29'19
	-4490 Nov 19 j 12:23	0°♏	
evening rise	-4490 Nov 24 j 09:41	8°♏31'17	
	-4490 Dec 07 j 05:20	0°♐	
asc. node	-4490 Dec 11 j 04:43	5°♐02'16	
evening max el	-4490 Dec 11 j 16:01	5°♐31'30	18°09'18
retrograde	-4490 Dec 18 j 06:03	9°♐00'24	
evening set	-4490 Dec 20 j 22:50	8°♐24'25	
inferior conj	-4490 Dec 27 j 10:03	3°♐10'31	3°55'23
minimum elong	-4490 Dec 27 j 07:57	3°♐15'54	3°54'58
min. Earth dist.	-4490 Dec 30 j 03:17	0°♐22'56	0.62492 AU
	-4490 Dec 30 j 12:36	30°℞♏	
morning rise	-4489 Jan 02 j 15:09	27°♏18'13	
direct	-4489 Jan 09 j 16:52	24°♏40'31	
	-4489 Jan 20 j 23:54	0°♐	
desc. node	-4489 Jan 23 j 01:31	1°♐52'22	
morning max el	-4489 Jan 23 j 14:13	2°♐23'09	27°42'11
	-4489 Feb 13 j 01:06	0°♑	
morning set	-4489 Feb 26 j 03:07	24°♑07'07	
	-4489 Feb 28 j 23:38	0°♒	
max. Earth dist.	-4489 Mar 03 j 20:39	6°♒05'54	1.32957 AU
superior conj	-4489 Mar 05 j 14:42	9°♒52'25	0°-36'-12
minimum elong	-4489 Mar 05 j 16:18	10°♒01'03	0°36'03
asc. node	-4489 Mar 09 j 03:58	17°♒34'31	
evening rise	-4489 Mar 12 j 16:37	25°♒07'04	
	-4489 Mar 15 j 01:09	0°♓	
	-4489 Apr 02 j 11:47	0°♈	
evening max el	-4489 Apr 06 j 02:52	3°♈51'05	24°02'02
retrograde	-4489 Apr 19 j 21:33	10°♈44'50	
desc. node	-4489 Apr 21 j 00:14	10°♈42'01	
evening set	-4489 Apr 24 j 02:38	10°♈05'28	
min. Earth dist.	-4489 Apr 30 j 14:33	6°♈58'05	0.56425 AU
inferior conj	-4489 May 03 j 00:27	5°♈28'36	-3°00'-6
minimum elong	-4489 May 02 j 18:41	5°♈37'34	2°58'41
morning rise	-4489 May 11 j 14:35	1°♈26'07	
direct	-4489 May 14 j 01:40	1°♈10'12	
morning max el	-4489 May 23 j 21:12	5°♈43'41	19°46'24
asc. node	-4489 Jun 05 j 03:43	23°♈20'30	
	-4489 Jun 08 j 15:08	0°♉	
morning set	-4489 Jun 10 j 13:04	3°♉48'45	
superior conj	-4489 Jun 18 j 13:56	20°♉00'36	1°42'20
minimum elong	-4489 Jun 18 j 11:53	19°♉50'26	1°42'22
	-4489 Jun 23 j 17:33	0°♊	
max. Earth dist.	-4489 Jun 24 j 04:28	0°♊51'28	1.37146 AU
evening rise	-4489 Jun 28 j 03:20	8°♊08'21	
	-4489 Jul 11 j 04:48	0°♋	
desc. node	-4489 Jul 17 j 22:57	10°♋03'46	
evening max el	-4489 Aug 02 j 23:57	29°♋55'24	25°31'19
	-4489 Aug 03 j 01:50	0°♌	
retrograde	-4489 Aug 15 j 02:12	6°♌54'44	
evening set	-4489 Aug 21 j 02:20	4°♌21'11	
	-4489 Aug 25 j 01:22	30°℞♋	
min. Earth dist.	-4489 Aug 25 j 11:37	29°♋27'14	0.66782 AU
inferior conj	-4489 Aug 26 j 13:26	28°♋03'43	-1°-49'-17
minimum elong	-4489 Aug 26 j 15:54	27°♋55'43	1°48'11
morning rise	-4489 Sep 01 j 06:02	22°♋03'27	
asc. node	-4489 Sep 01 j 03:03	22°♋08'21	
direct	-4489 Sep 04 j 14:12	20°♋58'49	
morning max el	-4489 Sep 11 j 20:41	25°♋08'54	19°30'45
	-4489 Sep 15 j 23:46	0°♌	
greatest brilliancy	-4489 Sep 20 j 23:25	6°♌56'13	-0.7m
morning set	-4489 Oct 06 j 00:26	29°♌58'00	
	-4489 Oct 06 j 00:57	0°♍	
desc. node	-4489 Oct 13 j 22:39	12°♍21'22	
max. Earth dist.	-4489 Oct 19 j 09:53	20°♍58'42	1.44384 AU
superior conj	-4489 Oct 22 j 18:38	26°♍19'59	0°-53'-57
minimum elong	-4489 Oct 22 j 12:32	25°♍55'38	0°53'13
	-4489 Oct 25 j 01:30	0°♎	
evening rise	-4489 Nov 06 j 03:57	19°♎51'16	
	-4489 Nov 12 j 05:49	0°♏	
evening max el	-4489 Nov 25 j 04:40	18°♏52'00	18°25'48
asc. node	-4489 Nov 28 j 01:51	21°♏17'08	
retrograde	-4489 Dec 01 j 18:58	22°♏30'05	
evening set	-4489 Dec 04 j 15:50	21°♏45'10	
inferior conj	-4489 Dec 10 j 18:04	16°♏12'04	3°29'33
minimum elong	-4489 Dec 10 j 14:59	16°♏20'53	3°28'45
min. Earth dist.	-4489 Dec 12 j 20:48	13°♏46'56	0.64146 AU
morning rise	-4489 Dec 16 j 12:47	10°♏09'15	
direct	-4489 Dec 23 j 10:39	7°♏19'54	
morning max el	-4488 Jan 05 j 22:56	15°♏01'29	27°25'01
desc. node	-4488 Jan 09 j 22:33	19°♏17'42	
	-4488 Jan 18 j 06:54	0°♐	
	-4488 Feb 05 j 16:03	0°♑	
morning set	-4488 Feb 09 j 22:32	8°♑10'19	
max. Earth dist.	-4488 Feb 14 j 23:00	18°♑20'19	1.33684 AU
superior conj	-4488 Feb 17 j 21:11	24°♑29'10	-1°00'-3
minimum elong	-4488 Feb 17 j 23:41	24°♑42'29	0°59'49
	-4488 Feb 20 j 11:12	0°♒	
asc. node	-4488 Feb 24 j 00:59	7°♒37'13	
evening rise	-4488 Feb 25 j 03:46	9°♒58'05	
	-4488 Mar 06 j 16:50	0°♓	
evening max el	-4488 Mar 17 j 20:13	14°♓34'54	22°27'51
retrograde	-4488 Mar 30 j 18:35	20°♓53'25	
evening set	-4488 Apr 02 j 19:46	20°♓32'58	
desc. node	-4488 Apr 06 j 21:22	19°♓09'00	
min. Earth dist.	-4488 Apr 11 j 04:45	16°♓53'32	0.55382 AU
inferior conj	-4488 Apr 12 j 03:11	16°♓21'35	-1°-25'-25
minimum elong	-4488 Apr 11 j 23:24	16°♓26'58	1°24'14
morning rise	-4488 Apr 21 j 05:07	12°♓24'16	
direct	-4488 Apr 23 j 19:22	12°♓08'47	
morning max el	-4488 May 05 j 07:34	17°♓32'36	21°02'30
	-4488 May 14 j 23:15	0°♈	
asc. node	-4488 May 22 j 00:43	12°♈50'40	
morning set	-4488 May 24 j 20:07	18°♈31'01	
	-4488 May 30 j 08:47	0°♉	
superior conj	-4488 Jun 01 j 09:48	4°♉13'26	1°29'16
minimum elong	-4488 Jun 01 j 07:07	3°♉59'41	1°29'05
max. Earth dist.	-4488 Jun 05 j 14:00	12°♉40'03	1.35519 AU
evening rise	-4488 Jun 09 j 23:37	21°♉10'56	
	-4488 Jun 14 j 19:18	0°♊	
desc. node	-4488 Jul 03 j 19:59	29°♊43'09	
	-4488 Jul 04 j 00:59	0°♋	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4488 Jul 15 j 10:51	13°♋24'56	26°32'58
retrograde	-4488 Jul 28 j 07:43	20°♋41'48	
evening set	-4488 Aug 03 j 21:26	17°♋56'52	
min. Earth dist.	-4488 Aug 07 j 22:31	13°♋41'40	0.65956 AU
inferior conj	-4488 Aug 09 j 12:53	11°♋45'08	-2°-37'-42
minimum elong	-4488 Aug 09 j 16:13	11°♋34'59	2°36'26
morning rise	-4488 Aug 15 j 11:59	5°♋57'03	
direct	-4488 Aug 18 j 11:54	5°♋06'13	
asc. node	-4488 Aug 18 j 00:08	5°♋07'34	
morning max el	-4488 Aug 25 j 06:13	8°♋52'34	18°42'30
	-4488 Sep 09 j 01:25	0°♌	
morning set	-4488 Sep 14 j 23:06	9°♌28'11	
	-4488 Sep 27 j 20:51	0°♍	
desc. node	-4488 Sep 29 j 19:33	3°♍04'10	
superior conj	-4488 Sep 30 j 19:23	4°♍38'04	0°-6'-16
minimum elong	-4488 Sep 30 j 18:34	4°♍34'51	0°06'05
behind sun begin	-4488 Sep 30 j 07:52	3°♍52'42	
behind sun end	-4488 Oct 01 j 05:16	5°♍16'59	
max. Earth dist.	-4488 Oct 01 j 03:13	5°♍08'55	1.44810 AU
evening rise	-4488 Oct 16 j 21:53	0°♎07'44	
	-4488 Oct 16 j 19:57	0°♎	
	-4488 Nov 05 j 14:41	0°♏	
evening max el	-4488 Nov 07 j 15:30	2°♏17'28	19°00'01
asc. node	-4488 Nov 13 j 22:57	6°♏11'33	
retrograde	-4488 Nov 14 j 13:18	6°♏13'34	
evening set	-4488 Nov 17 j 16:07	5°♏17'35	
inferior conj	-4488 Nov 23 j 11:24	29°♎28'26	2°52'30
minimum elong	-4488 Nov 23 j 08:14	29°♎38'17	2°51'29
	-4488 Nov 23 j 01:13	30°℞♎	
min. Earth dist.	-4488 Nov 24 j 23:57	27°♎34'54	0.65459 AU
morning rise	-4488 Nov 28 j 23:21	23°♎17'55	
direct	-4488 Dec 05 j 11:03	20°♎30'48	
morning max el	-4488 Dec 18 j 08:44	28°♎01'56	26°37'18
	-4488 Dec 20 j 06:16	0°♏	
desc. node	-4488 Dec 26 j 19:33	7°♏46'43	
	-4487 Jan 11 j 00:06	0°♐	
morning set	-4487 Jan 23 j 06:35	21°♐34'38	
max. Earth dist.	-4487 Jan 27 j 14:27	29°♐58'56	1.34848 AU
	-4487 Jan 27 j 14:39	0°♑	
superior conj	-4487 Jan 31 j 22:02	8°♑44'25	-1°-21'-39
minimum elong	-4487 Feb 01 j 01:04	9°♑00'04	1°21'28
evening rise	-4487 Feb 08 j 12:44	24°♑36'42	
asc. node	-4487 Feb 09 j 22:00	27°♑27'22	
	-4487 Feb 11 j 04:15	0°♒	
evening max el	-4487 Feb 27 j 20:51	25°♒39'14	21°00'30
	-4487 Mar 06 j 03:03	0°♓	
retrograde	-4487 Mar 11 j 08:24	1°♓07'33	
evening set	-4487 Mar 13 j 18:53	0°♓53'40	
	-4487 Mar 16 j 20:44	30°℞♒	
inferior conj	-4487 Mar 22 j 22:32	26°♒55'35	0°30'19
minimum elong	-4487 Mar 22 j 23:55	26°♒53'37	0°29'43
min. Earth dist.	-4487 Mar 23 j 19:02	26°♒26'20	0.55233 AU
desc. node	-4487 Mar 24 j 18:33	25°♒53'10	
morning rise	-4487 Apr 01 j 03:55	22°♒45'25	
direct	-4487 Apr 04 j 07:24	22°♒23'48	
morning max el	-4487 Apr 17 j 07:23	28°♒40'54	22°34'12
	-4487 Apr 18 j 15:26	0°♓	
	-4487 May 07 j 14:37	0°♈	
asc. node	-4487 May 08 j 21:41	2°♈39'45	
morning set	-4487 May 09 j 06:37	3°♈26'09	
superior conj	-4487 May 16 j 12:59	18°♈49'58	1°11'35
minimum elong	-4487 May 16 j 10:23	18°♈36'10	1°11'14
max. Earth dist.	-4487 May 19 j 09:25	24°♈48'28	1.34251 AU
	-4487 May 21 j 22:18	0°♉	
evening rise	-4487 May 24 j 10:24	4°♉58'52	
	-4487 Jun 07 j 12:26	0°♊	
desc. node	-4487 Jun 20 j 17:04	18°♊46'02	
evening max el	-4487 Jun 27 j 22:07	26°♊45'27	27°13'13
	-4487 Jul 01 j 15:08	0°♋	
retrograde	-4487 Jul 11 j 07:55	4°♋09'34	
evening set	-4487 Jul 18 j 07:33	1°♋23'04	
	-4487 Jul 19 j 21:29	30°℞♊	
min. Earth dist.	-4487 Jul 22 j 01:48	27°♊45'27	0.64751 AU
inferior conj	-4487 Jul 24 j 05:50	25°♊20'11	-3°-20'-27
minimum elong	-4487 Jul 24 j 09:30	25°♊09'53	3°19'19
morning rise	-4487 Jul 30 j 12:56	19°♊47'21	
direct	-4487 Aug 02 j 06:56	19°♊07'07	
asc. node	-4487 Aug 04 j 21:13	19°♊42'35	
morning max el	-4487 Aug 08 j 19:37	22°♊38'08	18°10'58
	-4487 Aug 14 j 14:13	0°♋	
morning set	-4487 Aug 27 j 01:03	20°♋16'49	
	-4487 Sep 01 j 21:15	0°♌	
superior conj	-4487 Sep 10 j 00:02	13°♌11'37	0°41'29
minimum elong	-4487 Sep 10 j 04:44	13°♌30'27	0°41'05
max. Earth dist.	-4487 Sep 13 j 20:38	19°♌20'35	1.44512 AU
desc. node	-4487 Sep 16 j 16:27	23°♌48'23	
	-4487 Sep 20 j 15:13	0°♍	
evening rise	-4487 Sep 26 j 15:37	9°♍22'02	
	-4487 Oct 10 j 02:44	0°♎	
greatest brilliancy	-4487 Oct 14 j 04:34	5°♎57'10	-0.6m
evening max el	-4487 Oct 21 j 22:17	15°♎44'18	19°50'26
retrograde	-4487 Oct 29 j 10:04	20°♎06'23	
asc. node	-4487 Oct 31 j 20:05	19°♎32'26	
evening set	-4487 Nov 01 j 21:05	18°♎56'36	
inferior conj	-4487 Nov 07 j 11:11	12°♎54'36	2°07'58
minimum elong	-4487 Nov 07 j 08:32	13°♎03'20	2°06'59
min. Earth dist.	-4487 Nov 08 j 10:52	11°♎36'39	0.66418 AU
morning rise	-4487 Nov 12 j 19:18	6°♎39'14	
direct	-4487 Nov 18 j 17:10	4°♎04'54	
morning max el	-4487 Nov 30 j 17:43	11°♎12'12	25°27'17
desc. node	-4487 Dec 13 j 16:32	27°♎00'25	
	-4487 Dec 15 j 19:40	0°♏	
	-4486 Jan 03 j 15:30	0°♐	
morning set	-4486 Jan 05 j 22:30	4°♐05'52	
max. Earth dist.	-4486 Jan 09 j 18:17	11°♐09'46	1.36451 AU
superior conj	-4486 Jan 15 j 14:31	22°♐30'00	-1°-39'-21
minimum elong	-4486 Jan 15 j 17:23	22°♐44'18	1°39'20
	-4486 Jan 19 j 07:54	0°♑	
evening rise	-4486 Jan 23 j 17:32	8°♑57'05	
asc. node	-4486 Jan 27 j 19:02	16°♑59'44	
	-4486 Feb 04 j 08:05	0°♒	
evening max el	-4486 Feb 10 j 07:51	7°♒18'15	19°48'16
retrograde	-4486 Feb 20 j 02:40	11°♒56'17	
evening set	-4486 Feb 22 j 10:42	11°♒41'40	
inferior conj	-4486 Mar 03 j 00:42	7°♒39'31	2°14'57
minimum elong	-4486 Mar 03 j 05:35	7°♒31'55	2°13'21
min. Earth dist.	-4486 Mar 05 j 09:30	6°♒11'17	0.56009 AU
morning rise	-4486 Mar 11 j 21:12	3°♒02'59	
desc. node	-4486 Mar 11 j 15:42	3°♒07'19	
direct	-4486 Mar 16 j 02:24	2°♒23'22	
morning max el	-4486 Mar 29 j 23:48	9°♒21'25	24°13'00
	-4486 Apr 14 j 05:08	0°♓	
morning set	-4486 Apr 23 j 18:44	18°♓28'26	
asc. node	-4486 Apr 25 j 18:39	22°♓42'14	
	-4486 Apr 29 j 03:54	0°♈	
superior conj	-4486 Apr 30 j 21:00	3°♈42'11	0°50'38
minimum elong	-4486 Apr 30 j 18:57	3°♈31'05	0°50'15
max. Earth dist.	-4486 May 02 j 14:10	7°♈23'24	1.33358 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4486 May 08 j 07:32	19°♈19'17	
	-4486 May 13 j 19:31	0°♉	
	-4486 Jun 01 j 18:12	0°♊	
desc. node	-4486 Jun 07 j 14:11	6°♊56'49	
evening max el	-4486 Jun 10 j 08:08	9°♊45'05	27°25'14
retrograde	-4486 Jun 24 j 02:03	17°♊09'25	
evening set	-4486 Jul 01 j 05:20	14°♊34'15	
min. Earth dist.	-4486 Jul 04 j 19:42	11°♊28'29	0.63176 AU
inferior conj	-4486 Jul 07 j 13:34	8°♊43'11	-3°-54'-8
minimum elong	-4486 Jul 07 j 16:43	8°♊35'16	3°53'26
morning rise	-4486 Jul 14 j 06:10	3°♊28'44	
direct	-4486 Jul 16 j 20:30	2°♊56'25	
asc. node	-4486 Jul 22 j 18:16	5°♊42'24	
morning max el	-4486 Jul 23 j 10:22	6°♊20'32	17°57'14
	-4486 Aug 07 j 20:35	0°♋	
morning set	-4486 Aug 09 j 03:20	2°♋15'04	
superior conj	-4486 Aug 21 j 03:16	22°♋52'52	1°18'18
minimum elong	-4486 Aug 21 j 09:01	23°♋16'48	1°17'56
	-4486 Aug 25 j 10:53	0°♌	
max. Earth dist.	-4486 Aug 27 j 11:38	3°♌17'37	1.43534 AU
desc. node	-4486 Sep 03 j 13:22	14°♌31'09	
evening rise	-4486 Sep 05 j 19:45	18°♌02'45	
	-4486 Sep 13 j 15:26	0°♍	
greatest brilliancy	-4486 Sep 29 j 07:03	22°♍27'52	-0.5m
evening max el	-4486 Oct 04 j 23:21	29°♍10'35	20°54'41
	-4486 Oct 05 j 19:14	0°♎	
retrograde	-4486 Oct 13 j 07:03	4°♎05'38	
evening set	-4486 Oct 17 j 04:34	2°♎39'15	
asc. node	-4486 Oct 18 j 17:13	1°♎18'25	
	-4486 Oct 19 j 21:44	30°℞♍	
inferior conj	-4486 Oct 22 j 15:07	26°♍27'40	1°18'33
minimum elong	-4486 Oct 22 j 13:22	26°♍33'37	1°17'53
min. Earth dist.	-4486 Oct 23 j 03:18	25°♍46'06	0.67045 AU
morning rise	-4486 Oct 27 j 21:46	20°♍10'09	
direct	-4486 Nov 02 j 04:18	17°♍55'01	
morning max el	-4486 Nov 13 j 02:25	24°♍26'01	24°04'25
	-4486 Nov 18 j 02:17	0°♎	
desc. node	-4486 Nov 30 j 13:27	16°♎45'19	
	-4486 Dec 09 j 07:08	0°♏	
morning set	-4486 Dec 18 j 16:15	15°♏26'43	
max. Earth dist.	-4486 Dec 22 j 15:04	22°♏21'56	1.38401 AU
	-4486 Dec 26 j 19:44	0°♐	
superior conj	-4486 Dec 29 j 18:56	5°♐34'37	-1°-50'-55
minimum elong	-4486 Dec 29 j 20:35	5°♐42'29	1°51'04
evening rise	-4485 Jan 07 j 15:48	22°♐51'45	
	-4485 Jan 11 j 08:13	0°♑	
asc. node	-4485 Jan 14 j 16:07	6°♑07'04	
evening max el	-4485 Jan 24 j 04:50	19°♑31'19	18°54'52
retrograde	-4485 Feb 01 j 12:41	23°♑31'24	
evening set	-4485 Feb 03 j 22:41	23°♑12'34	
inferior conj	-4485 Feb 11 j 20:02	18°♑53'56	3°25'41
minimum elong	-4485 Feb 12 j 00:22	18°♑46'08	3°24'40
min. Earth dist.	-4485 Feb 15 j 00:57	16°♑36'42	0.57512 AU
morning rise	-4485 Feb 19 j 22:22	13°♑48'34	
direct	-4485 Feb 25 j 09:28	12°♑37'10	
desc. node	-4485 Feb 26 j 12:50	12°♑40'18	
morning max el	-4485 Mar 11 j 14:53	19°♑59'13	25°45'38
	-4485 Mar 20 j 03:47	0°♒	
	-4485 Apr 06 j 14:05	0°♓	
morning set	-4485 Apr 08 j 06:46	3°♓30'53	
asc. node	-4485 Apr 12 j 15:38	12°♓52'29	
superior conj	-4485 Apr 15 j 07:46	18°♓42'14	0°27'29
minimum elong	-4485 Apr 15 j 06:35	18°♓35'46	0°27'10
max. Earth dist.	-4485 Apr 16 j 01:13	20°♓17'25	1.32811 AU
	-4485 Apr 20 j 13:34	0°♈	
evening rise	-4485 Apr 22 j 11:39	4°♈00'29	
	-4485 May 06 j 14:13	0°♉	
evening max el	-4485 May 23 j 14:09	22°♉10'31	27°04'57
desc. node	-4485 May 25 j 11:21	23°♉53'14	
retrograde	-4485 Jun 06 j 13:13	29°♉32'30	
evening set	-4485 Jun 13 j 10:46	27°♉22'21	
min. Earth dist.	-4485 Jun 17 j 03:36	24°♉36'48	0.61287 AU
inferior conj	-4485 Jun 20 j 08:49	21°♉46'13	-4°-13'-37
minimum elong	-4485 Jun 20 j 10:11	21°♉43'12	4°13'24
morning rise	-4485 Jun 27 j 12:27	16°♉52'54	
direct	-4485 Jun 30 j 00:49	16°♉26'40	
morning max el	-4485 Jul 06 j 23:49	19°♉53'33	18°02'16
asc. node	-4485 Jul 09 j 15:18	22°♉51'23	
	-4485 Jul 14 j 11:57	0°♊	
morning set	-4485 Jul 23 j 00:30	15°♊08'10	
	-4485 Jul 31 j 04:38	0°♋	
superior conj	-4485 Aug 02 j 10:16	3°♋57'03	1°40'19
minimum elong	-4485 Aug 02 j 13:48	4°♋12'33	1°40'19
max. Earth dist.	-4485 Aug 09 j 21:42	16°♋43'00	1.42002 AU
evening rise	-4485 Aug 16 j 06:01	27°♋02'14	
	-4485 Aug 18 j 02:56	0°♌	
desc. node	-4485 Aug 21 j 10:21	5°♌09'19	
	-4485 Sep 07 j 10:35	0°♍	
greatest brilliancy	-4485 Sep 13 j 00:12	7°♍13'53	-0.3m
evening max el	-4485 Sep 17 j 18:10	12°♍35'57	22°09'25
retrograde	-4485 Sep 27 j 02:35	18°♍09'13	
evening set	-4485 Oct 01 j 12:40	16°♍23'57	
asc. node	-4485 Oct 05 j 14:21	11°♍51'52	
inferior conj	-4485 Oct 06 j 21:15	10°♍06'08	0°26'21
minimum elong	-4485 Oct 06 j 20:38	10°♍08'15	0°26'11
min. Earth dist.	-4485 Oct 06 j 22:54	10°♍00'26	0.67359 AU
morning rise	-4485 Oct 12 j 04:27	3°♍49'22	
direct	-4485 Oct 16 j 19:52	1°♍55'46	
morning max el	-4485 Oct 26 j 13:29	7°♍43'53	22°38'14
greatest brilliancy	-4485 Oct 31 j 06:54	13°♍03'10	-0.3m
	-4485 Nov 12 j 18:46	0°♎	
desc. node	-4485 Nov 17 j 10:22	6°♎52'44	
morning set	-4485 Nov 29 j 06:30	25°♎25'43	
	-4485 Dec 02 j 00:59	0°♏	
max. Earth dist.	-4485 Dec 04 j 12:28	4°♏10'24	1.40468 AU
superior conj	-4485 Dec 12 j 06:32	17°♏46'04	-1°-53'-20
minimum elong	-4485 Dec 12 j 05:37	17°♏41'52	1°53'29
	-4485 Dec 18 j 21:24	0°♐	
evening rise	-4485 Dec 22 j 04:42	6°♐14'13	
asc. node	-4484 Jan 01 j 13:12	24°♐41'13	
	-4484 Jan 05 j 09:04	0°♑	
evening max el	-4484 Jan 07 j 09:47	2°♑12'59	18°21'32
retrograde	-4484 Jan 14 j 17:21	5°♑50'26	
evening set	-4484 Jan 17 j 05:42	5°♑25'52	
inferior conj	-4484 Jan 24 j 11:49	0°♑46'03	3°59'15
minimum elong	-4484 Jan 24 j 13:25	0°♑42'41	3°58'56
	-4484 Jan 25 j 09:41	30°℞♐	
min. Earth dist.	-4484 Jan 27 j 20:20	27°♐58'43	0.59422 AU
morning rise	-4484 Jan 31 j 17:56	25°♐17'20	
direct	-4484 Feb 07 j 04:51	23°♐27'00	
desc. node	-4484 Feb 13 j 09:57	25°♐02'38	
	-4484 Feb 20 j 08:02	0°♑	
morning max el	-4484 Feb 21 j 10:18	1°♑02'00	26°56'57
	-4484 Mar 13 j 03:59	0°♒	
morning set	-4484 Mar 22 j 16:58	18°♒27'06	
	-4484 Mar 28 j 02:32	0°♓	
superior conj	-4484 Mar 29 j 19:31	3°♓43'59	0°03'01
minimum elong	-4484 Mar 29 j 19:24	3°♓43'17	0°02'52

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

behind sun begin	-4484 Mar 29 j 14:28	3°♓16'18	
behind sun end	-4484 Mar 30 j 00:19	4°♓10'16	
max. Earth dist.	-4484 Mar 29 j 14:44	3°♓17'45	1.32594 AU
asc. node	-4484 Mar 29 j 12:38	3°♓06'14	
evening rise	-4484 Apr 05 j 20:14	18°♓53'45	
	-4484 Apr 11 j 09:00	0°♈	
	-4484 Apr 30 j 20:56	0°♉	
evening max el	-4484 May 04 j 14:04	3°♉53'47	26°12'34
desc. node	-4484 May 11 j 08:31	9°♉04'54	
retrograde	-4484 May 18 j 16:10	11°♉11'47	
evening set	-4484 May 24 j 20:03	9°♉37'29	
min. Earth dist.	-4484 May 29 j 02:51	6°♉55'26	0.59246 AU
inferior conj	-4484 Jun 01 j 11:54	4°♉19'56	-4°-11'-18
minimum elong	-4484 Jun 01 j 10:12	4°♉23'15	4°11'06
	-4484 Jun 08 j 13:56	30°℞♈	
morning rise	-4484 Jun 09 j 04:07	29°♈48'56	
direct	-4484 Jun 11 j 15:29	29°♈27'39	
	-4484 Jun 14 j 14:39	0°♉	
morning max el	-4484 Jun 19 j 09:07	3°♉09'10	18°26'48
asc. node	-4484 Jun 25 j 12:20	10°♉54'27	
morning set	-4484 Jul 05 j 11:34	28°♉42'59	
	-4484 Jul 06 j 03:39	0°♊	
superior conj	-4484 Jul 14 j 17:10	16°♊13'16	1°48'56
minimum elong	-4484 Jul 14 j 17:56	16°♊16'48	1°49'09
max. Earth dist.	-4484 Jul 22 j 01:38	29°♊23'09	1.40136 AU
	-4484 Jul 22 j 10:09	0°♋	
evening rise	-4484 Jul 26 j 14:20	7°♋04'39	
desc. node	-4484 Aug 07 j 07:23	25°♋38'28	
	-4484 Aug 10 j 05:31	0°♌	
evening max el	-4484 Aug 30 j 07:42	26°♌01'04	23°29'51
	-4484 Sep 03 j 22:43	0°♍	
retrograde	-4484 Sep 09 j 19:19	2°♍13'16	
evening set	-4484 Sep 14 j 19:35	0°♍08'10	
	-4484 Sep 14 j 23:23	30°℞♌	
inferior conj	-4484 Sep 20 j 03:47	23°♌47'39	0°-26'-58
minimum elong	-4484 Sep 20 j 04:25	23°♌45'31	0°26'36
min. Earth dist.	-4484 Sep 19 j 19:14	24°♌16'58	0.67375 AU
asc. node	-4484 Sep 21 j 11:28	22°♌00'24	
morning rise	-4484 Sep 25 j 13:20	17°♌34'35	
direct	-4484 Sep 29 j 14:58	16°♌01'58	
morning max el	-4484 Oct 08 j 05:46	21°♌07'25	21°16'38
greatest brilliancy	-4484 Oct 13 j 15:13	27°♌23'52	-0.5m
	-4484 Oct 15 j 15:05	0°♍	
desc. node	-4484 Nov 03 j 07:17	27°♍15'27	
	-4484 Nov 05 j 01:53	0°♎	
morning set	-4484 Nov 07 j 17:41	4°♎09'00	
max. Earth dist.	-4484 Nov 15 j 15:30	16°♎49'35	1.42360 AU
superior conj	-4484 Nov 22 j 19:34	28°♎49'42	-1°-42'-56
minimum elong	-4484 Nov 22 j 15:04	28°♎30'28	1°42'45
	-4484 Nov 23 j 11:57	0°♏	
evening rise	-4484 Dec 04 j 04:31	18°♏55'53	
	-4484 Dec 10 j 09:01	0°♐	
asc. node	-4484 Dec 18 j 10:17	12°♐31'39	
evening max el	-4484 Dec 20 j 19:58	15°♐15'18	18°08'12
retrograde	-4484 Dec 27 j 13:48	18°♐43'56	
evening set	-4484 Dec 30 j 04:41	18°♐12'34	
inferior conj	-4483 Jan 05 j 22:06	13°♐11'00	4°03'08
minimum elong	-4483 Jan 05 j 21:05	13°♐13'28	4°02'52
min. Earth dist.	-4483 Jan 08 j 22:52	10°♐17'01	0.61412 AU
morning rise	-4483 Jan 12 j 11:02	7°♐25'49	
direct	-4483 Jan 19 j 10:39	5°♐01'23	
desc. node	-4483 Jan 30 j 07:01	9°♐50'32	
morning max el	-4483 Feb 02 j 11:56	12°♐43'19	27°36'04
	-4483 Feb 16 j 06:59	0°♑	
	-4483 Mar 05 j 09:59	0°♒	
morning set	-4483 Mar 06 j 23:25	3°♒09'55	
max. Earth dist.	-4483 Mar 13 j 02:53	16°♒10'41	1.32713 AU
superior conj	-4483 Mar 14 j 06:39	18°♒41'32	0°-21'-57
minimum elong	-4483 Mar 14 j 07:38	18°♒46'53	0°21'54
asc. node	-4483 Mar 16 j 09:38	23°♒19'26	
	-4483 Mar 19 j 11:38	0°♓	
evening rise	-4483 Mar 21 j 07:15	3°♓51'48	
	-4483 Apr 04 j 10:57	0°♈	
evening max el	-4483 Apr 16 j 08:18	14°♈59'36	24°54'23
desc. node	-4483 Apr 28 j 05:41	21°♈55'51	
retrograde	-4483 Apr 30 j 08:55	22°♈06'29	
evening set	-4483 May 05 j 08:07	21°♈09'53	
min. Earth dist.	-4483 May 10 j 20:36	18°♈15'01	0.57329 AU
inferior conj	-4483 May 13 j 19:47	16°♈16'29	-3°-37'-24
minimum elong	-4483 May 13 j 14:52	16°♈24'44	3°36'28
morning rise	-4483 May 22 j 01:51	12°♈05'20	
direct	-4483 May 24 j 12:33	11°♈48'00	
morning max el	-4483 Jun 02 j 11:25	15°♈58'39	19°11'28
asc. node	-4483 Jun 12 j 09:21	29°♈39'28	
	-4483 Jun 12 j 14:02	0°♉	
morning set	-4483 Jun 19 j 08:42	12°♉50'36	
superior conj	-4483 Jun 27 j 18:16	29°♉26'07	1°47'04
minimum elong	-4483 Jun 27 j 16:58	29°♉19'50	1°47'13
	-4483 Jun 28 j 01:16	0°♊	
max. Earth dist.	-4483 Jul 04 j 02:58	11°♊24'39	1.38199 AU
evening rise	-4483 Jul 08 j 01:09	18°♊25'32	
	-4483 Jul 14 j 21:35	0°♋	
desc. node	-4483 Jul 25 j 04:25	15°♋53'54	
	-4483 Aug 04 j 11:20	0°♌	
evening max el	-4483 Aug 12 j 18:40	9°♌29'33	24°49'16
retrograde	-4483 Aug 24 j 08:11	16°♌14'41	
evening set	-4483 Aug 29 j 23:32	13°♌50'45	
min. Earth dist.	-4483 Sep 03 j 13:52	8°♌34'54	0.67090 AU
inferior conj	-4483 Sep 04 j 09:03	7°♌31'07	-1°-19'-47
minimum elong	-4483 Sep 04 j 10:53	7°♌25'00	1°18'53
asc. node	-4483 Sep 08 j 08:35	2°♌44'19	
morning rise	-4483 Sep 09 j 22:36	1°♌25'00	
direct	-4483 Sep 13 j 12:29	0°♌10'57	
morning max el	-4483 Sep 21 j 05:02	4°♌39'09	20°05'24
greatest brilliancy	-4483 Sep 28 j 11:14	13°♌36'45	-0.6m
	-4483 Oct 09 j 14:52	0°♍	
morning set	-4483 Oct 17 j 16:05	12°♍21'46	
desc. node	-4483 Oct 21 j 04:11	17°♍48'50	
	-4483 Oct 28 j 21:28	0°♎	
max. Earth dist.	-4483 Oct 29 j 01:40	0°♎16'46	1.43819 AU
superior conj	-4483 Nov 03 j 05:27	8°♎36'17	-1°-16'-31
minimum elong	-4483 Nov 02 j 22:39	8°♎08'32	1°15'52
	-4483 Nov 15 j 23:43	0°♏	
evening rise	-4483 Nov 16 j 10:55	0°♏48'06	
evening max el	-4483 Dec 04 j 08:34	28°♏31'23	18°14'08
asc. node	-4483 Dec 05 j 07:23	29°♏25'50	
	-4483 Dec 05 j 23:30	0°♐	
retrograde	-4483 Dec 10 j 21:46	2°♐02'49	
evening set	-4483 Dec 13 j 16:06	1°♐23'18	
	-4483 Dec 15 j 20:45	30°℞♏	
inferior conj	-4483 Dec 19 j 23:15	26°♏01'14	3°46'05
minimum elong	-4483 Dec 19 j 20:37	26°♏08'21	3°45'30
min. Earth dist.	-4483 Dec 22 j 10:35	23°♏21'21	0.63236 AU
morning rise	-4483 Dec 25 j 23:27	20°♏04'11	
direct	-4482 Jan 02 j 00:41	17°♏19'16	
morning max el	-4482 Jan 15 j 18:35	25°♏02'40	27°38'57
desc. node	-4482 Jan 17 j 04:03	26°♏27'44	
	-4482 Jan 20 j 08:30	0°♐	
	-4482 Feb 09 j 16:05	0°♑	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4482 Feb 18 j 23:40	17°♑30'20	
max. Earth dist.	-4482 Feb 24 j 09:46	28°♑41'57	1.33210 AU
	-4482 Feb 25 j 00:28	0°♒	
superior conj	-4482 Feb 26 j 15:22	3°♒28'02	0°-46'-30
minimum elong	-4482 Feb 26 j 17:23	3°♒38'52	0°46'19
asc. node	-4482 Mar 03 j 06:37	13°♒27'17	
evening rise	-4482 Mar 05 j 18:51	18°♒47'22	
	-4482 Mar 11 j 08:20	0°♓	
evening max el	-4482 Mar 29 j 00:29	25°♓44'42	23°21'59
	-4482 Apr 03 j 11:40	0°♈	
retrograde	-4482 Apr 11 j 12:39	2°♈25'19	
evening set	-4482 Apr 15 j 04:27	1°♈56'01	
desc. node	-4482 Apr 15 j 02:51	1°♈57'03	
	-4482 Apr 19 j 23:45	30°♓℞	
min. Earth dist.	-4482 Apr 22 j 11:38	28°♓36'37	0.55884 AU
inferior conj	-4482 Apr 24 j 07:54	27°♓31'03	-2°-24'-12
minimum elong	-4482 Apr 24 j 02:24	27°♓39'14	2°22'39
morning rise	-4482 May 03 j 03:35	23°♓32'12	
direct	-4482 May 05 j 15:13	23°♓16'57	
morning max el	-4482 May 16 j 03:58	28°♓11'10	20°16'24
	-4482 May 17 j 23:10	0°♈	
asc. node	-4482 May 30 j 06:21	18°♈55'27	
morning set	-4482 Jun 03 j 12:51	27°♈22'10	
	-4482 Jun 04 j 19:50	0°♉	
superior conj	-4482 Jun 11 j 08:26	13°♉20'07	1°37'28
minimum elong	-4482 Jun 11 j 06:01	13°♉07'57	1°37'24
max. Earth dist.	-4482 Jun 16 j 08:08	23°♉10'51	1.36420 AU
	-4482 Jun 19 j 22:49	0°♊	
evening rise	-4482 Jun 20 j 10:49	0°♊55'16	
	-4482 Jul 08 j 00:31	0°♋	
desc. node	-4482 Jul 12 j 01:28	5°♋48'39	
evening max el	-4482 Jul 26 j 05:28	23°♋00'30	25°59'45
	-4482 Aug 06 j 04:03	0°♌	
retrograde	-4482 Aug 07 j 16:23	0°♌08'13	
	-4482 Aug 09 j 03:35	30°℞♋	
evening set	-4482 Aug 13 j 22:29	27°♋29'14	
min. Earth dist.	-4482 Aug 18 j 04:19	22°♋51'24	0.66476 AU
inferior conj	-4482 Aug 19 j 11:11	21°♋13'53	-2°-10'-23
minimum elong	-4482 Aug 19 j 14:04	21°♋04'46	2°09'09
morning rise	-4482 Aug 25 j 06:20	15°♋18'08	
asc. node	-4482 Aug 26 j 05:41	14°♋47'50	
direct	-4482 Aug 28 j 10:46	14°♋19'37	
morning max el	-4482 Sep 04 j 11:10	18°♋18'32	19°08'11
	-4482 Sep 13 j 09:32	0°♌	
morning set	-4482 Sep 27 j 01:05	21°♌10'56	
	-4482 Oct 02 j 15:38	0°♍	
desc. node	-4482 Oct 08 j 01:05	8°♍29'00	
max. Earth dist.	-4482 Oct 11 j 17:34	14°♍17'42	1.44654 AU
superior conj	-4482 Oct 13 j 14:20	17°♍14'40	0°-34'-35
minimum elong	-4482 Oct 13 j 09:59	16°♍57'29	0°34'00
	-4482 Oct 21 j 14:15	0°♎	
evening rise	-4482 Oct 28 j 19:09	11°♎41'28	
	-4482 Nov 09 j 02:05	0°♏	
evening max el	-4482 Nov 17 j 20:50	11°♏55'02	18°38'22
asc. node	-4482 Nov 22 j 04:29	15°♏08'41	
retrograde	-4482 Nov 24 j 13:19	15°♏39'21	
evening set	-4482 Nov 27 j 12:34	14°♏49'53	
inferior conj	-4482 Dec 03 j 11:36	9°♏09'39	3°14'56
minimum elong	-4482 Dec 03 j 08:24	9°♏19'11	3°14'02
min. Earth dist.	-4482 Dec 05 j 08:10	6°♏57'21	0.64749 AU
morning rise	-4482 Dec 09 j 03:05	3°♏03'34	
direct	-4482 Dec 15 j 21:23	0°♏13'37	
morning max el	-4482 Dec 29 j 03:51	7°♏51'23	27°08'05
desc. node	-4481 Jan 04 j 01:02	14°♏22'50	
	-4481 Jan 15 j 10:35	0°♐	
	-4481 Feb 01 j 22:28	0°♑	
morning set	-4481 Feb 02 j 14:45	1°♑18'37	
max. Earth dist.	-4481 Feb 07 j 07:50	10°♑41'50	1.34127 AU
superior conj	-4481 Feb 10 j 19:46	17°♑57'02	-1°-9'-33
minimum elong	-4481 Feb 10 j 22:34	18°♑11'42	1°09'20
	-4481 Feb 16 j 12:27	0°♒	
evening rise	-4481 Feb 18 j 05:20	3°♒34'23	
asc. node	-4481 Feb 18 j 03:38	3°♒25'30	
	-4481 Mar 05 j 03:19	0°♓	
evening max el	-4481 Mar 10 j 20:26	6°♓35'01	21°49'15
retrograde	-4481 Mar 23 j 04:58	12°♓32'37	
evening set	-4481 Mar 25 j 22:24	12°♓16'01	
desc. node	-4481 Apr 01 j 23:59	9°♓27'25	
inferior conj	-4481 Apr 04 j 05:53	8°♓12'39	0°-37'-8
minimum elong	-4481 Apr 04 j 04:09	8°♓15'05	0°36'39
min. Earth dist.	-4481 Apr 04 j 01:37	8°♓18'39	0.55213 AU
morning rise	-4481 Apr 13 j 10:40	4°♓12'13	
direct	-4481 Apr 16 j 05:19	3°♓55'04	
morning max el	-4481 Apr 28 j 09:32	9°♓41'34	21°39'51
	-4481 May 12 j 17:24	0°♈	
asc. node	-4481 May 17 j 03:21	8°♈34'24	
morning set	-4481 May 18 j 21:38	12°♈10'42	
superior conj	-4481 May 26 j 07:46	27°♈43'49	1°22'15
minimum elong	-4481 May 26 j 05:03	27°♈29'40	1°21'58
	-4481 May 27 j 10:00	0°♉	
max. Earth dist.	-4481 May 29 j 22:03	5°♉07'21	1.34944 AU
evening rise	-4481 Jun 03 j 13:52	14°♉18'39	
	-4481 Jun 12 j 05:37	0°♊	
desc. node	-4481 Jun 28 j 22:33	25°♊13'46	
	-4481 Jul 02 j 18:09	0°♋	
evening max el	-4481 Jul 08 j 16:47	6°♋27'36	26°53'05
retrograde	-4481 Jul 21 j 19:26	13°♋47'40	
evening set	-4481 Jul 28 j 14:05	11°♋00'46	
min. Earth dist.	-4481 Aug 01 j 12:08	7°♋01'58	0.65497 AU
inferior conj	-4481 Aug 03 j 08:09	4°♋52'44	-2°-56'-44
minimum elong	-4481 Aug 03 j 11:43	4°♋42'14	2°55'28
	-4481 Aug 08 j 03:31	30°℞♊	
morning rise	-4481 Aug 09 j 10:29	29°♊10'45	
direct	-4481 Aug 12 j 07:43	28°♊24'38	
asc. node	-4481 Aug 13 j 02:47	28°♊28'07	
	-4481 Aug 16 j 14:06	0°♋	
morning max el	-4481 Aug 18 j 22:37	2°♋03'01	18°26'57
	-4481 Sep 06 j 17:04	0°♌	
morning set	-4481 Sep 07 j 11:19	1°♌14'28	
superior conj	-4481 Sep 22 j 13:41	25°♌30'02	0°14'48
minimum elong	-4481 Sep 22 j 15:36	25°♌37'36	0°14'42
behind sun begin	-4481 Sep 22 j 10:40	25°♌18'04	
behind sun end	-4481 Sep 22 j 20:32	25°♌57'07	
max. Earth dist.	-4481 Sep 24 j 11:54	28°♌32'32	1.44772 AU
desc. node	-4481 Sep 24 j 21:59	29°♌12'20	
	-4481 Sep 25 j 10:05	0°♍	
evening rise	-4481 Oct 09 j 02:17	21°♍29'54	
	-4481 Oct 14 j 12:07	0°♎	
greatest brilliancy	-4481 Oct 22 j 04:51	11°♎54'58	-0.7m
evening max el	-4481 Nov 01 j 06:11	25°♎20'54	19°19'38
retrograde	-4481 Nov 08 j 09:02	29°♎27'02	
asc. node	-4481 Nov 09 j 01:37	29°♎24'17	
evening set	-4481 Nov 11 j 15:09	28°♎25'20	
inferior conj	-4481 Nov 17 j 07:59	22°♎30'05	2°34'20
minimum elong	-4481 Nov 17 j 04:58	22°♎39'42	2°33'18
min. Earth dist.	-4481 Nov 18 j 14:46	20°♎51'47	0.65905 AU
morning rise	-4481 Nov 22 j 17:59	16°♎17'18	
direct	-4481 Nov 29 j 00:01	13°♎34'55	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4481 Dec 11 j 13:30	20°♎57'04	26°09'52	
	-4481 Dec 19 j 10:56	0°♏		
desc. node	-4481 Dec 21 j 22:00	3°♏12'09		
	-4480 Jan 08 j 14:19	0°♐		
morning set	-4480 Jan 16 j 16:35	14°♐21'42		
max. Earth dist.	-4480 Jan 20 j 18:32	22°♐07'48	1.35482 AU	
	-4480 Jan 24 j 17:42	0°♑		
superior conj	-4480 Jan 25 j 17:25	2°♑00'14	-1°-29'-45	
minimum elong	-4480 Jan 25 j 20:29	2°♑15'51	1°29'37	
evening rise	-4480 Feb 02 j 12:47	18°♑05'50		
asc. node	-4480 Feb 05 j 00:39	23°♑08'37		
	-4480 Feb 08 j 14:05	0°♒		
evening max el	-4480 Feb 21 j 01:09	17°♒52'12	20°27'32	
retrograde	-4480 Mar 02 j 19:18	22°♒58'42		
evening set	-4480 Mar 05 j 03:47	22°♒45'03		
inferior conj	-4480 Mar 14 j 02:22	18°♒46'43	1°17'50	
minimum elong	-4480 Mar 14 j 05:41	18°♒41'50	1°16'35	
min. Earth dist.	-4480 Mar 15 j 15:37	17°♒52'06	0.55460 AU	
desc. node	-4480 Mar 18 j 21:08	16°♒06'28		
morning rise	-4480 Mar 23 j 05:32	14°♒26'46		
direct	-4480 Mar 26 j 18:35	13°♒59'25		
morning max el	-4480 Apr 09 j 05:38	20°♒35'20	23°16'06	
	-4480 Apr 17 j 04:27	0°♓		
morning set	-4480 May 02 j 09:04	27°♓09'46		
asc. node	-4480 May 03 j 00:20	28°♓29'47		
	-4480 May 03 j 17:26	0°♈		
superior conj	-4480 May 09 j 13:18	12°♈27'58	1°03'02	
minimum elong	-4480 May 09 j 10:53	12°♈15'02	1°02'39	
max. Earth dist.	-4480 May 11 j 21:49	17°♈27'35	1.33827 AU	
evening rise	-4480 May 17 j 05:30	28°♈21'34		
	-4480 May 18 j 01:26	0°♉		
	-4480 Jun 04 j 10:02	0°♊		
desc. node	-4480 Jun 14 j 19:39	13°♊56'48		
evening max el	-4480 Jun 20 j 03:39	19°♊40'26	27°21'58	
retrograde	-4480 Jul 03 j 17:09	27°♊05'18		
evening set	-4480 Jul 10 j 19:28	24°♊21'34		
min. Earth dist.	-4480 Jul 14 j 11:26	20°♊58'54	0.64129 AU	
inferior conj	-4480 Jul 16 j 21:34	18°♊23'31	-3°-36'-6	
minimum elong	-4480 Jul 17 j 01:09	18°♊13'54	3°35'08	
morning rise	-4480 Jul 23 j 08:34	12°♊58'27		
direct	-4480 Jul 26 j 00:47	12°♊21'54		
asc. node	-4480 Jul 29 j 23:52	13°♊41'20		
morning max el	-4480 Aug 01 j 13:02	15°♊48'38	18°02'57	
	-4480 Aug 11 j 14:22	0°♋		
morning set	-4480 Aug 19 j 00:17	12°♋34'41		
	-4480 Aug 29 j 08:52	0°♌		
superior conj	-4480 Sep 01 j 02:33	4°♌28'45	0°58'51	
minimum elong	-4480 Sep 01 j 08:16	4°♌51'59	0°58'22	
max. Earth dist.	-4480 Sep 06 j 04:52	12°♌41'05	1.44171 AU	
desc. node	-4480 Sep 10 j 18:56	19°♌56'25		
	-4480 Sep 17 j 05:53	0°♍		
evening rise	-4480 Sep 17 j 12:20	0°♍24'56		
	-4480 Oct 07 j 07:45	0°♎		
greatest brilliancy	-4480 Oct 07 j 17:18	0°♎32'42	-0.6m	
evening max el	-4480 Oct 14 j 10:36	8°♎47'02	20°16'10	
retrograde	-4480 Oct 22 j 06:17	13°♎22'47		
evening set	-4480 Oct 25 j 21:27	12°♎06'16		
asc. node	-4480 Oct 25 j 22:45	12°♎03'56		
inferior conj	-4480 Oct 31 j 09:49	5°♎59'28	1°47'29	
minimum elong	-4480 Oct 31 j 07:31	6°♎07'12	1°46'36	
min. Earth dist.	-4480 Nov 01 j 04:24	4°♎57'08	0.66720 AU	
	-4480 Nov 05 j 09:22	30°℞♍		
morning rise	-4480 Nov 05 j 17:01	29°♍42'39		
direct	-4480 Nov 11 j 08:18	27°♍16'09		
	-4480 Nov 18 j 04:20	0°♎		
morning max el	-4480 Nov 22 j 22:25	4°♎09'52	24°53'03	
desc. node	-4480 Dec 07 j 18:58	22°♎40'02		
	-4480 Dec 12 j 19:33	0°♏		
morning set	-4480 Dec 28 j 23:50	26°♏24'37		
	-4480 Dec 30 j 23:59	0°♐		
max. Earth dist.	-4479 Jan 01 j 18:34	3°♐14'19	1.37247 AU	
superior conj	-4479 Jan 08 j 05:13	15°♐28'52	-1°-45'-11	
minimum elong	-4479 Jan 08 j 07:44	15°♐41'07	1°45'14	
	-4479 Jan 15 j 12:03	0°♑		
evening rise	-4479 Jan 16 j 15:06	2°♑15'31		
asc. node	-4479 Jan 21 j 21:42	12°♑30'50		
evening max el	-4479 Feb 02 j 16:28	29°♑45'23	19°23'08	
	-4479 Feb 02 j 22:42	0°♒		
retrograde	-4479 Feb 11 j 19:38	4°♒05'49		
evening set	-4479 Feb 14 j 04:02	3°♒49'50		
	-4479 Feb 21 j 23:53	30°℞♑		
inferior conj	-4479 Feb 22 j 10:59	29°♑41'41	2°49'40	
minimum elong	-4479 Feb 22 j 16:04	29°♑33'17	2°48'14	
min. Earth dist.	-4479 Feb 25 j 06:30	27°♑50'40	0.56569 AU	
morning rise	-4479 Mar 03 j 00:24	24°♑52'06		
desc. node	-4479 Mar 05 j 18:17	24°♑09'51		
direct	-4479 Mar 07 j 18:13	24°♑00'33		
	-4479 Mar 20 j 13:54	0°♒		
morning max el	-4479 Mar 21 j 20:52	1°♒11'27	24°54'09	
	-4479 Apr 10 j 19:01	0°♓		
morning set	-4479 Apr 16 j 21:21	12°♓12'41		
asc. node	-4479 Apr 19 j 21:18	18°♓35'57		
superior conj	-4479 Apr 23 j 22:43	27°♓24'20	0°41'02	
minimum elong	-4479 Apr 23 j 21:00	27°♓15'01	0°40'40	
max. Earth dist.	-4479 Apr 25 j 05:28	0°♈10'45	1.33077 AU	
	-4479 Apr 25 j 03:28	0°♈		
evening rise	-4479 May 01 j 05:55	12°♈51'42		
	-4479 May 10 j 05:29	0°♉		
	-4479 May 31 j 02:21	0°♊		
desc. node	-4479 Jun 01 j 16:50	1°♊39'12		
evening max el	-4479 Jun 02 j 12:04	2°♊26'12	27°20'39	
retrograde	-4479 Jun 16 j 08:46	9°♊50'44		
evening set	-4479 Jun 23 j 10:53	7°♊24'19		
min. Earth dist.	-4479 Jun 27 j 01:05	4°♊29'02	0.62399 AU	
inferior conj	-4479 Jun 30 j 00:26	1°♊38'57	-4°-4'-31	
minimum elong	-4479 Jun 30 j 03:00	1°♊32'49	4°04'04	
	-4479 Jul 01 j 18:51	30°℞♉		
morning rise	-4479 Jul 06 j 21:35	26°♉33'28		
direct	-4479 Jul 09 j 10:45	26°♉04'05		
morning max el	-4479 Jul 16 j 03:40	29°♉28'18	17°57'02	
asc. node	-4479 Jul 16 j 20:56	0°♊12'31		
	-4479 Jul 16 j 16:12	0°♊		
morning set	-4479 Aug 01 j 11:17	24°♊57'45		
	-4479 Aug 04 j 06:52	0°♋		
superior conj	-4479 Aug 12 j 17:45	14°♋45'45	1°29'26	
minimum elong	-4479 Aug 12 j 22:46	15°♋07'08	1°29'12	
max. Earth dist.	-4479 Aug 19 j 17:25	26°♋24'13	1.42937 AU	
	-4479 Aug 21 j 22:41	0°♌		
evening rise	-4479 Aug 27 j 16:29	9°♌06'18		
desc. node	-4479 Aug 28 j 15:55	10°♌37'39		
	-4479 Sep 10 j 11:40	0°♍		
greatest brilliancy	-4479 Sep 22 j 05:25	16°♍15'35	-0.4m	
evening max el	-4479 Sep 27 j 08:55	22°♍12'22	21°25'25	
retrograde	-4479 Oct 06 j 02:54	27°♍23'43		
evening set	-4479 Oct 10 j 05:24	25°♍49'44		
asc. node	-4479 Oct 12 j 19:54	23°♍14'38		
inferior conj	-4479 Oct 15 j 14:56	19°♍35'03	0°56'41	
minimum elong	-4479 Oct 15 j 13:39	19°♍39'28	0°56'11	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4479 Oct 15 j 22:37	19°♍08'35	0.67215 AU
morning rise	-4479 Oct 20 j 21:34	13°♍17'12	
direct	-4479 Oct 25 j 21:32	11°♍10'59	
morning max el	-4479 Nov 05 j 07:41	17°♍24'45	23°27'32
greatest brilliancy	-4479 Nov 11 j 09:34	24°♍20'33	-0.2m
	-4479 Nov 15 j 18:20	0°♎	
desc. node	-4479 Nov 24 j 15:55	12°♎35'17	
	-4479 Dec 05 j 21:48	0°♏	
morning set	-4479 Dec 10 j 06:24	7°♏11'34	
max. Earth dist.	-4479 Dec 14 j 14:06	14°♏35'37	1.39276 AU
superior conj	-4479 Dec 22 j 03:08	28°♏12'20	-1°-53'-17
minimum elong	-4479 Dec 22 j 03:52	28°♏15'44	1°53'28
	-4479 Dec 23 j 02:10	0°♐	
evening rise	-4479 Dec 31 j 09:45	15°♐56'59	
	-4478 Jan 07 j 22:48	0°♑	
asc. node	-4478 Jan 08 j 18:46	1°♑25'04	
evening max el	-4478 Jan 16 j 17:15	12°♑11'59	18°38'20
retrograde	-4478 Jan 24 j 13:22	16°♑00'20	
evening set	-4478 Jan 27 j 00:24	15°♑39'14	
inferior conj	-4478 Feb 03 j 15:02	11°♑12'19	3°44'08
minimum elong	-4478 Feb 03 j 18:19	11°♑06'01	3°43'28
min. Earth dist.	-4478 Feb 06 j 23:31	8°♑39'10	0.58288 AU
morning rise	-4478 Feb 11 j 08:36	5°♑56'05	
direct	-4478 Feb 17 j 07:12	4°♑27'56	
desc. node	-4478 Feb 20 j 15:23	4°♑55'26	
morning max el	-4478 Mar 03 j 13:12	11°♑57'08	26°19'21
	-4478 Mar 17 j 14:31	0°♒	
morning set	-4478 Apr 01 j 08:50	27°♒13'31	
	-4478 Apr 02 j 16:24	0°♓	
asc. node	-4478 Apr 06 j 18:17	8°♓48'31	
superior conj	-4478 Apr 08 j 10:08	12°♓26'25	0°17'13
minimum elong	-4478 Apr 08 j 09:23	12°♓22'18	0°17'00
max. Earth dist.	-4478 Apr 08 j 17:55	13°♓08'54	1.32673 AU
evening rise	-4478 Apr 15 j 12:15	27°♓39'35	
	-4478 Apr 16 j 15:30	0°♈	
	-4478 May 03 j 16:54	0°♉	
evening max el	-4478 May 15 j 15:50	14°♉35'04	26°46'29
desc. node	-4478 May 19 j 13:58	17°♉55'37	
retrograde	-4478 May 29 j 16:52	21°♉55'46	
evening set	-4478 Jun 05 j 08:11	20°♉00'14	
min. Earth dist.	-4478 Jun 09 j 05:20	17°♉17'59	0.60424 AU
inferior conj	-4478 Jun 12 j 13:19	14°♉31'09	-4°-15'-53
minimum elong	-4478 Jun 12 j 13:30	14°♉30'45	4°15'46
morning rise	-4478 Jun 19 j 22:05	9°♉47'03	
direct	-4478 Jun 22 j 09:50	9°♉23'05	
morning max el	-4478 Jun 29 j 15:41	12°♉54'59	18°10'09
asc. node	-4478 Jul 03 j 17:58	17°♉46'15	
	-4478 Jul 11 j 04:57	0°♊	
morning set	-4478 Jul 15 j 14:55	8°♊09'59	
superior conj	-4478 Jul 25 j 11:33	26°♊22'03	1°45'26
minimum elong	-4478 Jul 25 j 13:52	26°♊32'27	1°45'34
	-4478 Jul 27 j 12:32	0°♋	
max. Earth dist.	-4478 Aug 02 j 00:32	9°♋30'00	1.41242 AU
evening rise	-4478 Aug 07 j 10:53	18°♋29'02	
	-4478 Aug 14 j 18:01	0°♌	
desc. node	-4478 Aug 15 j 12:55	1°♌12'27	
greatest brilliancy	-4478 Sep 05 j 05:12	0°♍12'27	-0.3m
	-4478 Sep 05 j 01:06	0°♍	
evening max el	-4478 Sep 10 j 01:23	5°♍37'46	22°43'21
retrograde	-4478 Sep 19 j 21:18	11°♍27'30	
evening set	-4478 Sep 24 j 13:12	9°♍34'03	
inferior conj	-4478 Sep 29 j 21:27	3°♍14'52	0°03'47
minimum elong	-4478 Sep 29 j 21:22	3°♍15'12	0°03'50
transit middle	-4478 Sep 29 j 21:22	3°♍15'12	0°03'50
transit begin	-4478 Sep 29 j 18:44	3°♍24'15	
transit end	-4478 Sep 29 j 23:59	3°♍06'08	
asc. node	-4478 Sep 29 j 17:02	3°♍30'08	
min. Earth dist.	-4478 Sep 29 j 18:51	3°♍23'52	0.67408 AU
	-4478 Oct 02 j 07:56	30°♌	
morning rise	-4478 Oct 05 j 05:26	26°♌59'13	
direct	-4478 Oct 09 j 14:53	25°♌14'29	
	-4478 Oct 18 j 02:50	0°♍	
morning max el	-4478 Oct 18 j 20:27	0°♍43'47	22°02'25
greatest brilliancy	-4478 Oct 23 j 16:14	6°♍13'01	-0.4m
	-4478 Nov 09 j 15:55	0°♎	
desc. node	-4478 Nov 11 j 12:51	2°♎49'48	
morning set	-4478 Nov 20 j 08:17	16°♎34'50	
max. Earth dist.	-4478 Nov 26 j 13:21	26°♎44'27	1.41313 AU
	-4478 Nov 28 j 11:51	0°♏	
superior conj	-4478 Dec 04 j 05:52	9°♏56'47	-1°-50'-43
minimum elong	-4478 Dec 04 j 03:28	9°♏46'12	1°50'46
evening rise	-4478 Dec 14 j 17:33	29°♏02'43	
	-4478 Dec 15 j 05:54	0°♐	
asc. node	-4478 Dec 26 j 15:50	19°♐41'49	
evening max el	-4478 Dec 31 j 00:50	25°♐03'28	18°13'29
retrograde	-4477 Jan 07 j 01:05	28°♐35'13	
evening set	-4477 Jan 09 j 14:38	28°♐07'44	
inferior conj	-4477 Jan 16 j 15:00	23°♐18'35	4°03'59
minimum elong	-4477 Jan 16 j 15:23	23°♐17'42	4°03'45
min. Earth dist.	-4477 Jan 19 j 21:17	20°♐25'44	0.60277 AU
morning rise	-4477 Jan 23 j 13:20	17°♐42'32	
direct	-4477 Jan 30 j 07:20	15°♐36'25	
desc. node	-4477 Feb 07 j 12:28	18°♐23'35	
morning max el	-4477 Feb 13 j 10:58	23°♐14'14	27°17'59
	-4477 Feb 19 j 12:59	0°♑	
	-4477 Mar 10 j 15:25	0°♒	
morning set	-4477 Mar 16 j 17:39	12°♒04'24	
superior conj	-4477 Mar 23 j 21:48	27°♒26'42	0°-7'-34
minimum elong	-4477 Mar 23 j 22:08	27°♒28'35	0°07'38
behind sun begin	-4477 Mar 23 j 17:43	27°♒04'24	
behind sun end	-4477 Mar 24 j 02:34	27°♒52'47	
max. Earth dist.	-4477 Mar 23 j 07:20	26°♒07'42	1.32603 AU
asc. node	-4477 Mar 24 j 15:16	29°♒02'14	
	-4477 Mar 25 j 01:50	0°♓	
evening rise	-4477 Mar 30 j 22:05	12°♓35'38	
	-4477 Apr 08 j 20:04	0°♈	
evening max el	-4477 Apr 27 j 13:18	26°♈01'34	25°41'58
	-4477 May 02 j 09:35	0°♉	
desc. node	-4477 May 06 j 11:06	2°♉11'54	
retrograde	-4477 May 11 j 15:22	3°♉15'10	
evening set	-4477 May 17 j 08:10	1°♉57'36	
	-4477 May 20 j 21:08	30°♈	
min. Earth dist.	-4477 May 22 j 01:48	29°♈11'52	0.58402 AU
inferior conj	-4477 May 25 j 08:31	26°♈49'57	-4°-1'-26
minimum elong	-4477 May 25 j 05:19	26°♈55'46	4°01'00
morning rise	-4477 Jun 02 j 06:27	22°♈27'35	
direct	-4477 Jun 04 j 17:38	22°♈07'59	
morning max el	-4477 Jun 12 j 22:13	25°♈59'58	18°43'14
	-4477 Jun 16 j 11:26	0°♉	
asc. node	-4477 Jun 20 j 15:00	6°♉08'23	
morning set	-4477 Jun 29 j 06:41	22°♉00'01	
	-4477 Jul 03 j 09:18	0°♊	
superior conj	-4477 Jul 08 j 02:51	9°♊04'06	1°49'15
minimum elong	-4477 Jul 08 j 02:38	9°♊03'02	1°49'28
max. Earth dist.	-4477 Jul 15 j 03:16	21°♊54'06	1.39314 AU
evening rise	-4477 Jul 19 j 06:35	29°♊04'56	
	-4477 Jul 19 j 19:34	0°♋	
desc. node	-4477 Aug 02 j 09:55	21°♋36'33	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4477 Aug 08 j 04:50	0°♌	
evening max el	-4477 Aug 23 j 13:37	19°♌04'46	24°04'12
retrograde	-4477 Sep 03 j 12:19	25°♌31'15	
evening set	-4477 Sep 08 j 19:04	23°♌17'48	
min. Earth dist.	-4477 Sep 13 j 14:40	17°♌41'31	0.67299 AU
inferior conj	-4477 Sep 14 j 03:39	16°♌57'31	0°-49'-32
minimum elong	-4477 Sep 14 j 04:48	16°♌53'37	0°48'55
asc. node	-4477 Sep 16 j 14:09	13°♌46'55	
morning rise	-4477 Sep 19 j 14:43	10°♌47'12	
direct	-4477 Sep 23 j 11:10	9°♌22'45	
morning max el	-4477 Oct 01 j 15:37	14°♌10'54	20°44'49
greatest brilliancy	-4477 Oct 07 j 16:28	21°♌21'35	-0.5m
	-4477 Oct 13 j 21:55	0°♍	
desc. node	-4477 Oct 29 j 09:45	23°♍17'55	
morning set	-4477 Oct 30 j 11:29	24°♍57'48	
	-4477 Nov 02 j 16:43	0°♎	
max. Earth dist.	-4477 Nov 08 j 20:09	9°♎48'18	1.43052 AU
superior conj	-4477 Nov 15 j 07:44	20°♎28'36	-1°-33'-47
minimum elong	-4477 Nov 15 j 01:53	20°♎04'07	1°33'24
	-4477 Nov 20 j 22:06	0°♏	
evening rise	-4477 Nov 27 j 10:34	11°♏24'59	
	-4477 Dec 08 j 06:49	0°♐	
asc. node	-4477 Dec 13 j 12:55	7°♐10'05	
evening max el	-4477 Dec 14 j 12:22	8°♐12'22	18°08'20
retrograde	-4477 Dec 21 j 03:07	11°♐40'57	
evening set	-4477 Dec 23 j 19:22	11°♐06'12	
inferior conj	-4477 Dec 30 j 08:05	5°♐55'18	3°57'59
minimum elong	-4477 Dec 30 j 06:15	5°♐59'58	3°57'36
min. Earth dist.	-4476 Jan 02 j 03:21	3°♐05'32	0.62223 AU
morning rise	-4476 Jan 05 j 15:05	0°♐04'39	
	-4476 Jan 05 j 17:40	30°℞♏	
direct	-4476 Jan 12 j 16:30	27°♏30'00	
	-4476 Jan 20 j 05:12	0°♐	
desc. node	-4476 Jan 25 j 09:32	4°♐02'17	
morning max el	-4476 Jan 26 j 15:04	5°♐12'32	27°41'45
	-4476 Feb 14 j 07:43	0°♑	
morning set	-4476 Feb 28 j 21:44	26°♑38'16	
	-4476 Mar 01 j 13:03	0°♒	
max. Earth dist.	-4476 Mar 05 j 17:52	8°♒53'18	1.32882 AU
superior conj	-4476 Mar 07 j 08:04	12°♒19'35	0°-32'-28
minimum elong	-4476 Mar 07 j 09:30	12°♒27'24	0°32'22
asc. node	-4476 Mar 10 j 12:14	19°♒13'08	
evening rise	-4476 Mar 14 j 09:33	27°♒32'57	
	-4476 Mar 15 j 13:41	0°♓	
	-4476 Apr 02 j 02:50	0°♈	
evening max el	-4476 Apr 08 j 05:49	6°♈54'16	24°15'51
retrograde	-4476 Apr 22 j 02:25	13°♈52'11	
desc. node	-4476 Apr 22 j 08:16	13°♈52'03	
evening set	-4476 Apr 26 j 12:13	13°♈08'42	
min. Earth dist.	-4476 May 02 j 17:38	10°♈04'59	0.56638 AU
inferior conj	-4476 May 05 j 07:37	8°♈27'28	-3°-11'-16
minimum elong	-4476 May 05 j 01:56	8°♈36'27	3°09'56
morning rise	-4476 May 13 j 19:42	4°♈23'14	
direct	-4476 May 16 j 06:37	4°♈07'02	
morning max el	-4476 May 25 j 20:33	8°♈34'02	19°36'47
asc. node	-4476 Jun 06 j 12:00	25°♈07'16	
	-4476 Jun 09 j 02:16	0°♉	
morning set	-4476 Jun 12 j 07:06	6°♉18'31	
superior conj	-4476 Jun 20 j 10:03	22°♉35'57	1°43'49
minimum elong	-4476 Jun 20 j 08:10	22°♉26'40	1°43'52
	-4476 Jun 24 j 05:36	0°♊	
max. Earth dist.	-4476 Jun 26 j 05:33	3°♊46'07	1.37407 AU
evening rise	-4476 Jun 30 j 03:39	10°♊56'05	
	-4476 Jul 11 j 12:00	0°♋	

desc. node	-4476 Jul 19 j 06:57	11°♋44'08	
	-4476 Aug 02 j 12:44	0°♌	
evening max el	-4476 Aug 05 j 00:07	2°♌34'01	25°20'46
retrograde	-4476 Aug 16 j 23:15	9°♌30'13	
evening set	-4476 Aug 22 j 21:09	6°♌58'54	
min. Earth dist.	-4476 Aug 27 j 07:40	1°♌59'16	0.66873 AU
inferior conj	-4476 Aug 28 j 07:46	0°♌40'41	-1°-41'-40
minimum elong	-4476 Aug 28 j 10:05	0°♌33'08	1°40'35
	-4476 Aug 28 j 20:18	30°℞♋	
asc. node	-4476 Sep 02 j 11:16	25°♋00'29	
morning rise	-4476 Sep 02 j 23:33	24°♋38'53	
direct	-4476 Sep 06 j 09:05	23°♋31'59	
morning max el	-4476 Sep 13 j 18:01	27°♋46'32	19°39'15
	-4476 Sep 15 j 18:27	0°♌	
greatest brilliancy	-4476 Sep 22 j 06:21	8°♌38'12	-0.7m
	-4476 Oct 06 j 08:28	0°♍	
morning set	-4476 Oct 08 j 11:41	3°♍18'48	
desc. node	-4476 Oct 15 j 06:38	13°♍54'36	
max. Earth dist.	-4476 Oct 21 j 09:16	23°♍32'41	1.44259 AU
superior conj	-4476 Oct 25 j 05:54	29°♍42'24	-1°00'-20
minimum elong	-4476 Oct 24 j 23:26	29°♍16'25	0°59'35
	-4476 Oct 25 j 10:17	0°♎	
evening rise	-4476 Nov 08 j 08:04	22°♎53'19	
	-4476 Nov 12 j 13:27	0°♏	
evening max el	-4476 Nov 27 j 01:03	21°♏31'40	18°22'12
asc. node	-4476 Nov 29 j 10:02	23°♏35'40	
retrograde	-4476 Dec 03 j 14:54	25°♏07'50	
evening set	-4476 Dec 06 j 11:01	24°♏24'26	
inferior conj	-4476 Dec 12 j 14:28	18°♏54'08	3°34'15
minimum elong	-4476 Dec 12 j 11:28	19°♏02'34	3°33'31
min. Earth dist.	-4476 Dec 14 j 19:27	16°♏24'43	0.63921 AU
morning rise	-4476 Dec 18 j 10:28	12°♏52'36	
direct	-4476 Dec 25 j 09:24	10°♏03'53	
morning max el	-4475 Jan 07 j 23:25	17°♏46'33	27°29'38
desc. node	-4475 Jan 11 j 06:33	21°♏15'50	
	-4475 Jan 18 j 07:18	0°♐	
	-4475 Feb 06 j 02:47	0°♑	
morning set	-4475 Feb 11 j 18:31	10°♑46'28	
max. Earth dist.	-4475 Feb 16 j 21:31	21°♑12'30	1.33545 AU
superior conj	-4475 Feb 19 j 15:12	26°♑59'14	0°-56'-33
minimum elong	-4475 Feb 19 j 17:35	27°♑11'58	0°56'20
	-4475 Feb 21 j 01:02	0°♒	
asc. node	-4475 Feb 25 j 09:14	9°♒17'18	
evening rise	-4475 Feb 26 j 20:53	12°♒25'25	
	-4475 Mar 07 j 22:36	0°♓	
evening max el	-4475 Mar 20 j 22:41	17°♓37'48	22°41'45
retrograde	-4475 Apr 03 j 01:18	24°♓02'48	
evening set	-4475 Apr 06 j 05:44	23°♓40'33	
desc. node	-4475 Apr 09 j 05:25	22°♓42'46	
min. Earth dist.	-4475 Apr 14 j 08:07	20°♓06'44	0.55480 AU
inferior conj	-4475 Apr 15 j 12:33	19°♓25'54	-1°-41'-46
minimum elong	-4475 Apr 15 j 08:11	19°♓32'11	1°40'26
morning rise	-4475 Apr 24 j 13:03	15°♓28'42	
direct	-4475 Apr 27 j 02:18	15°♓13'29	
morning max el	-4475 May 08 j 08:37	20°♓29'37	20°50'02
	-4475 May 16 j 02:16	0°♈	
asc. node	-4475 May 24 j 08:59	14°♈34'00	
morning set	-4475 May 27 j 13:30	20°♈58'19	
	-4475 May 31 j 22:12	0°♉	
superior conj	-4475 Jun 04 j 04:35	6°♉44'33	1°31'36
minimum elong	-4475 Jun 04 j 01:57	6°♉31'06	1°31'26
max. Earth dist.	-4475 Jun 08 j 13:43	15°♉32'58	1.35739 AU
evening rise	-4475 Jun 12 j 21:23	23°♉50'59	
	-4475 Jun 16 j 05:50	0°♊	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4475 Jul 05 j 02:22	0°♋	
desc. node	-4475 Jul 06 j 04:01	1°♋28'05	
evening max el	-4475 Jul 18 j 10:58	16°♋04'13	26°24'58
retrograde	-4475 Jul 31 j 05:32	23°♋19'17	
evening set	-4475 Aug 06 j 17:20	20°♋35'37	
min. Earth dist.	-4475 Aug 10 j 19:38	16°♋14'29	0.66103 AU
inferior conj	-4475 Aug 12 j 08:00	14°♋22'45	-2°-30'-44
minimum elong	-4475 Aug 12 j 11:14	14°♋12'48	2°29'26
morning rise	-4475 Aug 18 j 06:02	8°♋32'29	
asc. node	-4475 Aug 20 j 08:23	7°♋44'51	
direct	-4475 Aug 21 j 06:59	7°♋39'49	
morning max el	-4475 Aug 28 j 02:45	11°♋29'17	18°48'35
	-4475 Sep 10 j 08:10	0°♌	
morning set	-4475 Sep 18 j 06:28	12°♌37'23	
	-4475 Sep 29 j 05:21	0°♍	
desc. node	-4475 Oct 02 j 03:33	4°♍36'44	
superior conj	-4475 Oct 04 j 08:06	8°♍03'50	0°-13'-48
minimum elong	-4475 Oct 04 j 06:18	7°♍56'43	0°13'28
behind sun begin	-4475 Oct 03 j 23:46	7°♍30'58	
behind sun end	-4475 Oct 04 j 12:50	8°♍22'29	
max. Earth dist.	-4475 Oct 04 j 02:05	7°♍40'04	1.44795 AU
	-4475 Oct 18 j 04:03	0°♎	
evening rise	-4475 Oct 20 j 05:43	3°♎19'04	
	-4475 Nov 06 j 10:05	0°♏	
evening max el	-4475 Nov 10 j 12:20	4°♏56'40	18°53'57
asc. node	-4475 Nov 16 j 07:10	8°♏43'09	
retrograde	-4475 Nov 17 j 08:34	8°♏49'26	
evening set	-4475 Nov 20 j 10:23	7°♏55'14	
inferior conj	-4475 Nov 26 j 06:36	2°♏08'24	2°58'38
minimum elong	-4475 Nov 26 j 03:24	2°♏18'15	2°57'38
min. Earth dist.	-4475 Nov 27 j 21:13	0°♏09'46	0.65287 AU
	-4475 Nov 28 j 00:27	30°℞♎	
morning rise	-4475 Dec 01 j 19:21	25°♎58'58	
direct	-4475 Dec 08 j 08:56	23°♎10'37	
	-4475 Dec 20 j 15:05	0°♏	
morning max el	-4475 Dec 21 j 09:04	0°♏44'00	26°46'01
desc. node	-4475 Dec 29 j 03:31	9°♏36'28	
	-4474 Jan 12 j 07:23	0°♐	
morning set	-4474 Jan 26 j 04:32	24°♐17'27	
	-4474 Jan 29 j 03:11	0°♑	
max. Earth dist.	-4474 Jan 30 j 14:37	2°♑56'03	1.34643 AU
superior conj	-4474 Feb 03 j 17:03	11°♑18'25	-1°-18'-35
minimum elong	-4474 Feb 03 j 20:03	11°♑33'55	1°18'24
evening rise	-4474 Feb 11 j 06:18	27°♑06'27	
asc. node	-4474 Feb 12 j 06:15	29°♑09'45	
	-4474 Feb 12 j 16:04	0°♒	
evening max el	-4474 Mar 02 j 22:03	28°♒38'17	21°12'45
	-4474 Mar 04 j 10:46	0°♓	
retrograde	-4474 Mar 14 j 15:19	4°♓14'10	
evening set	-4474 Mar 17 j 03:08	3°♓59'53	
inferior conj	-4474 Mar 26 j 08:11	0°♓01'09	0°12'42
minimum elong	-4474 Mar 26 j 08:46	0°♓00'19	0°12'22
transit middle	-4474 Mar 26 j 08:46	0°♓00'19	0°12'22
transit begin	-4474 Mar 26 j 06:12	0°♓03'57	
transit end	-4474 Mar 26 j 11:19	29°♒56'42	
	-4474 Mar 26 j 09:00	30°℞♒	
min. Earth dist.	-4474 Mar 26 j 22:27	29°♒40'56	0.55197 AU
desc. node	-4474 Mar 27 j 02:34	29°♒35'06	
morning rise	-4474 Apr 04 j 13:46	25°♒53'56	
direct	-4474 Apr 07 j 14:35	25°♒33'46	
	-4474 Apr 18 j 10:34	0°♓	
morning max el	-4474 Apr 20 j 09:49	1°♓43'20	22°19'46
	-4474 May 09 j 02:39	0°♈	
asc. node	-4474 May 11 j 05:57	4°♈20'30	
morning set	-4474 May 11 j 23:37	5°♈51'54	
superior conj	-4474 May 19 j 06:52	21°♈17'57	1°14'31
minimum elong	-4474 May 19 j 04:13	21°♈03'58	1°14'11
max. Earth dist.	-4474 May 22 j 07:43	27°♈37'53	1.34421 AU
	-4474 May 23 j 11:28	0°♉	
evening rise	-4474 May 27 j 06:22	7°♉33'06	
	-4474 Jun 08 j 19:38	0°♊	
desc. node	-4474 Jun 23 j 01:09	20°♊37'17	
evening max el	-4474 Jun 30 j 22:24	29°♊27'06	27°08'51
	-4474 Jul 01 j 12:13	0°♋	
retrograde	-4474 Jul 14 j 06:32	6°♋50'14	
evening set	-4474 Jul 21 j 05:00	4°♋03'24	
min. Earth dist.	-4474 Jul 25 j 00:12	0°♋20'18	0.64956 AU
	-4474 Jul 25 j 07:30	30°℞♊	
inferior conj	-4474 Jul 27 j 02:05	27°♊59'05	-3°-14'-30
minimum elong	-4474 Jul 27 j 05:46	27°♊48'39	3°13'20
morning rise	-4474 Aug 02 j 07:54	22°♊23'39	
direct	-4474 Aug 05 j 02:42	21°♊41'57	
asc. node	-4474 Aug 07 j 05:28	22°♊05'51	
morning max el	-4474 Aug 11 j 15:42	25°♊14'39	18°14'33
	-4474 Aug 15 j 14:31	0°♋	
morning set	-4474 Aug 30 j 04:31	23°♋15'07	
	-4474 Sep 03 j 06:17	0°♌	
superior conj	-4474 Sep 13 j 10:47	16°♌31'15	0°34'48
minimum elong	-4474 Sep 13 j 14:54	16°♌47'40	0°34'25
max. Earth dist.	-4474 Sep 16 j 19:56	21°♌53'41	1.44603 AU
desc. node	-4474 Sep 19 j 00:30	25°♌21'12	
	-4474 Sep 21 j 23:28	0°♍	
evening rise	-4474 Sep 30 j 02:48	12°♍42'15	
	-4474 Oct 11 j 07:39	0°♎	
greatest brilliancy	-4474 Oct 16 j 15:31	7°♎55'20	-0.7m
evening max el	-4474 Oct 24 j 19:55	18°♎23'59	19°42'00
retrograde	-4474 Nov 01 j 05:08	22°♎41'30	
asc. node	-4474 Nov 03 j 04:18	22°♎19'05	
evening set	-4474 Nov 04 j 14:50	21°♎33'52	
inferior conj	-4474 Nov 10 j 05:36	15°♎33'34	2°15'05
minimum elong	-4474 Nov 10 j 02:50	15°♎42'36	2°14'05
min. Earth dist.	-4474 Nov 11 j 07:05	14°♎10'19	0.66298 AU
morning rise	-4474 Nov 15 j 14:08	9°♎18'53	
direct	-4474 Nov 21 j 14:14	6°♎42'13	
morning max el	-4474 Dec 03 j 18:11	13°♎53'29	25°38'47
desc. node	-4474 Dec 16 j 00:30	28°♎44'25	
	-4474 Dec 16 j 22:24	0°♏	
	-4473 Jan 05 j 01:38	0°♐	
morning set	-4473 Jan 08 j 23:14	6°♐57'33	
max. Earth dist.	-4473 Jan 12 j 20:12	14°♐10'25	1.36190 AU
superior conj	-4473 Jan 18 j 11:01	25°♐09'06	-1°-37'-1
minimum elong	-4473 Jan 18 j 13:59	25°♐23'54	1°36'58
	-4473 Jan 20 j 20:40	0°♑	
evening rise	-4473 Jan 26 j 11:53	11°♑30'04	
asc. node	-4473 Jan 30 j 03:18	18°♑45'16	
	-4473 Feb 05 j 09:57	0°♒	
evening max el	-4473 Feb 13 j 07:26	10°♒11'31	19°57'50
retrograde	-4473 Feb 23 j 08:03	14°♒56'30	
evening set	-4473 Feb 25 j 16:06	14°♒42'12	
inferior conj	-4473 Mar 06 j 08:27	10°♒41'27	2°00'56
minimum elong	-4473 Mar 06 j 13:04	10°♒34'24	1°59'23
min. Earth dist.	-4473 Mar 08 j 12:39	9°♒21'47	0.55845 AU
desc. node	-4473 Mar 13 j 23:42	6°♒35'39	
morning rise	-4473 Mar 15 j 07:04	6°♒09'30	
direct	-4473 Mar 19 j 07:54	5°♒33'32	
morning max el	-4473 Apr 02 j 02:58	12°♒26'08	23°58'20
	-4473 Apr 15 j 11:24	0°♓	
morning set	-4473 Apr 26 j 11:37	20°♓53'17	
asc. node	-4473 Apr 28 j 02:57	24°♓21'06	
	-4473 Apr 30 j 18:06	0°♈	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4473 May 03 j 14:18	6°♈07'56	0°53'58
minimum elong	-4473 May 03 j 12:08	5°♈56'17	0°53'35
max. Earth dist.	-4473 May 05 j 11:21	10°♈09'13	1.33471 AU
evening rise	-4473 May 11 j 02:10	21°♈48'58	
	-4473 May 15 j 06:43	0°♉	
	-4473 Jun 02 j 16:49	0°♊	
desc. node	-4473 Jun 09 j 22:17	8°♊56'56	
evening max el	-4473 Jun 13 j 08:46	12°♊30'28	27°25'24
retrograde	-4473 Jun 27 j 01:30	19°♊54'43	
evening set	-4473 Jul 04 j 04:51	17°♊16'54	
min. Earth dist.	-4473 Jul 07 j 19:30	14°♊07'07	0.63433 AU
inferior conj	-4473 Jul 10 j 11:24	11°♊24'06	-3°-49'-49
minimum elong	-4473 Jul 10 j 14:42	11°♊15'38	3°49'04
morning rise	-4473 Jul 17 j 02:30	6°♊06'47	
direct	-4473 Jul 19 j 17:17	5°♊33'23	
asc. node	-4473 Jul 25 j 02:32	7°♊53'45	
morning max el	-4473 Jul 26 j 06:27	8°♊57'48	17°58'10
	-4473 Aug 09 j 05:48	0°♋	
morning set	-4473 Aug 12 j 03:32	5°♋03'58	
superior conj	-4473 Aug 24 j 10:01	26°♋00'35	1°13'40
minimum elong	-4473 Aug 24 j 15:53	26°♋24'52	1°13'15
	-4473 Aug 26 j 20:11	0°♌	
max. Earth dist.	-4473 Aug 30 j 11:48	5°♌55'15	1.43716 AU
desc. node	-4473 Sep 05 j 21:28	16°♌04'34	
evening rise	-4473 Sep 09 j 07:53	21°♌25'15	
	-4473 Sep 14 j 22:08	0°♍	
greatest brilliancy	-4473 Oct 01 j 23:55	24°♍47'08	-0.5m
	-4473 Oct 06 j 05:10	0°♎	
evening max el	-4473 Oct 07 j 21:55	1°♎50'26	20°44'19
retrograde	-4473 Oct 16 j 02:15	6°♎40'13	
evening set	-4473 Oct 19 j 22:05	5°♎16'23	
asc. node	-4473 Oct 21 j 01:27	4°♎18'58	
	-4473 Oct 24 j 17:04	30°℞♍	
inferior conj	-4473 Oct 25 j 09:03	29°♍05'53	1°26'18
minimum elong	-4473 Oct 25 j 07:09	29°♍12'20	1°25'34
min. Earth dist.	-4473 Oct 25 j 22:50	28°♍19'06	0.66971 AU
morning rise	-4473 Oct 30 j 15:47	22°♍48'33	
direct	-4473 Nov 05 j 00:36	20°♍30'27	
morning max el	-4473 Nov 16 j 02:57	27°♍07'26	24°17'14
	-4473 Nov 18 j 19:33	0°♎	
desc. node	-4473 Dec 02 j 21:27	18°♎25'18	
	-4473 Dec 10 j 14:27	0°♏	
morning set	-4473 Dec 21 j 20:41	18°♏29'53	
max. Earth dist.	-4473 Dec 25 j 17:46	25°♏20'44	1.38100 AU
	-4473 Dec 28 j 07:06	0°♐	
superior conj	-4472 Jan 01 j 17:29	8°♐20'21	-1°-49'-42
minimum elong	-4472 Jan 01 j 19:25	8°♐29'34	1°49'49
evening rise	-4472 Jan 10 j 11:17	25°♐28'57	
	-4472 Jan 12 j 18:39	0°♑	
asc. node	-4472 Jan 17 j 00:21	7°♑56'46	
evening max el	-4472 Jan 27 j 02:57	22°♑19'23	19°01'30
retrograde	-4472 Feb 04 j 15:29	26°♑24'21	
evening set	-4472 Feb 07 j 01:03	26°♑06'19	
inferior conj	-4472 Feb 15 j 00:51	21°♑50'29	3°17'28
minimum elong	-4472 Feb 15 j 05:28	21°♑42'20	3°16'20
min. Earth dist.	-4472 Feb 18 j 03:49	19°♑39'32	0.57253 AU
morning rise	-4472 Feb 23 j 06:10	16°♑49'00	
direct	-4472 Feb 28 j 12:52	15°♑43'11	
desc. node	-4472 Feb 28 j 20:49	15°♑43'27	
morning max el	-4472 Mar 13 j 17:56	23°♑02'40	25°32'55
	-4472 Mar 19 j 23:01	0°♒	
	-4472 Apr 07 j 02:29	0°♓	
morning set	-4472 Apr 09 j 23:47	5°♓56'16	
asc. node	-4472 Apr 13 j 23:56	14°♓30'36	

superior conj	-4472 Apr 17 j 00:46	21°♓07'20	0°31'05
minimum elong	-4472 Apr 16 j 23:26	21°♓00'04	0°30'46
max. Earth dist.	-4472 Apr 17 j 21:39	23°♓01'03	1.32867 AU
	-4472 Apr 21 j 03:24	0°♈	
evening rise	-4472 Apr 24 j 05:24	6°♈27'38	
	-4472 May 06 j 20:31	0°♉	
evening max el	-4472 May 25 j 15:25	25°♉01'27	27°10'05
desc. node	-4472 May 26 j 19:24	26°♉06'24	
	-4472 May 31 j 23:06	0°♊	
retrograde	-4472 Jun 08 j 13:51	2°♊24'16	
evening set	-4472 Jun 15 j 13:03	0°♊09'22	
	-4472 Jun 15 j 18:52	30°℞♉	
min. Earth dist.	-4472 Jun 19 j 04:49	27°♉21'56	0.61581 AU
inferior conj	-4472 Jun 22 j 08:45	24°♉30'48	-4°-11'-55
minimum elong	-4472 Jun 22 j 10:29	24°♉26'53	4°11'39
morning rise	-4472 Jun 29 j 10:40	19°♉34'25	
direct	-4472 Jul 01 j 23:13	19°♉07'24	
morning max el	-4472 Jul 08 j 20:20	22°♉33'08	18°00'19
asc. node	-4472 Jul 10 j 23:36	24°♉53'36	
	-4472 Jul 14 j 16:03	0°♊	
morning set	-4472 Jul 24 j 22:13	17°♊49'46	
	-4472 Jul 31 j 15:21	0°♋	
superior conj	-4472 Aug 04 j 13:01	6°♋53'00	1°37'54
minimum elong	-4472 Aug 04 j 16:58	7°♋10'12	1°37'51
max. Earth dist.	-4472 Aug 11 j 22:32	19°♋25'45	1.42255 AU
	-4472 Aug 18 j 11:18	0°♌	
evening rise	-4472 Aug 18 j 15:55	0°♌18'17	
desc. node	-4472 Aug 22 j 18:28	6°♌43'49	
	-4472 Sep 07 j 12:40	0°♍	
greatest brilliancy	-4472 Sep 14 j 22:06	9°♍47'42	-0.4m
evening max el	-4472 Sep 19 j 17:33	15°♍15'34	21°57'45
retrograde	-4472 Sep 28 j 22:11	20°♍43'18	
evening set	-4472 Oct 03 j 06:13	19°♍00'58	
asc. node	-4472 Oct 06 j 22:35	15°♍00'56	
inferior conj	-4472 Oct 08 j 14:59	12°♍43'44	0°34'24
minimum elong	-4472 Oct 08 j 14:11	12°♍46'28	0°34'08
min. Earth dist.	-4472 Oct 08 j 18:09	12°♍32'46	0.67331 AU
morning rise	-4472 Oct 13 j 21:58	6°♍26'34	
direct	-4472 Oct 18 j 15:32	4°♍29'47	
morning max el	-4472 Oct 28 j 13:29	10°♍24'43	22°50'54
greatest brilliancy	-4472 Nov 02 j 08:53	15°♍49'10	-0.3m
	-4472 Nov 12 j 23:08	0°♎	
desc. node	-4472 Nov 18 j 18:24	8°♎29'52	
morning set	-4472 Dec 01 j 15:13	28°♎41'28	
	-4472 Dec 02 j 10:16	0°♏	
max. Earth dist.	-4472 Dec 06 j 14:24	7°♏01'13	1.40163 AU
superior conj	-4472 Dec 14 j 07:54	20°♏40'23	-1°-53'-43
minimum elong	-4472 Dec 14 j 07:28	20°♏38'21	1°53'53
	-4472 Dec 19 j 08:38	0°♐	
evening rise	-4472 Dec 24 j 01:46	8°♐56'37	
asc. node	-4471 Jan 02 j 21:24	26°♐36'32	
	-4471 Jan 05 j 03:40	0°♑	
evening max el	-4471 Jan 09 j 06:51	4°♑57'14	18°25'12
retrograde	-4471 Jan 16 j 17:25	8°♑37'09	
evening set	-4471 Jan 19 j 05:21	8°♑13'34	
inferior conj	-4471 Jan 26 j 13:36	3°♑37'09	3°56'17
minimum elong	-4471 Jan 26 j 15:38	3°♑32'57	3°55'54
min. Earth dist.	-4471 Jan 29 j 22:33	0°♑52'37	0.59123 AU
	-4471 Jan 31 j 02:31	30°℞♐	
morning rise	-4471 Feb 02 j 22:35	28°♐11'19	
direct	-4471 Feb 09 j 06:36	26°♐26'35	
desc. node	-4471 Feb 14 j 17:54	27°♐40'48	
	-4471 Feb 18 j 18:22	0°♑	
morning max el	-4471 Feb 23 j 12:29	4°♑00'37	26°48'14
	-4471 Mar 14 j 12:02	0°♒	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4471 Mar 25 j 10:21	20°♒53'59	
	-4471 Mar 29 j 16:45	0°♓	
asc. node	-4471 Mar 31 j 20:53	4°♓44'14	
superior conj	-4471 Apr 01 j 12:28	6°♓09'29	0°06'46
minimum elong	-4471 Apr 01 j 12:10	6°♓07'52	0°06'37
behind sun begin	-4471 Apr 01 j 07:37	5°♓42'53	
behind sun end	-4471 Apr 01 j 16:44	6°♓32'51	
max. Earth dist.	-4471 Apr 01 j 10:56	6°♓01'04	1.32599 AU
evening rise	-4471 Apr 08 j 13:26	21°♓19'45	
	-4471 Apr 12 j 20:12	0°♈	
	-4471 May 01 j 11:25	0°♉	
evening max el	-4471 May 07 j 16:16	6°♉51'18	26°22'19
desc. node	-4471 May 13 j 16:33	11°♉36'19	
retrograde	-4471 May 21 j 18:22	14°♉10'30	
evening set	-4471 May 28 j 01:32	12°♉30'29	
min. Earth dist.	-4471 Jun 01 j 05:16	9°♉48'58	0.59547 AU
inferior conj	-4471 Jun 04 j 14:29	7°♉09'41	-4°-13'-33
minimum elong	-4471 Jun 04 j 13:17	7°♉12'03	4°13'23
morning rise	-4471 Jun 12 j 04:44	2°♉35'24	
direct	-4471 Jun 14 j 16:06	2°♉13'30	
morning max el	-4471 Jun 22 j 06:27	5°♉52'12	18°21'49
asc. node	-4471 Jun 27 j 20:37	12°♉49'34	
	-4471 Jul 07 j 14:50	0°♊	
morning set	-4471 Jul 08 j 07:27	1°♊19'01	
superior conj	-4471 Jul 17 j 16:41	18°♊59'27	1°48'23
minimum elong	-4471 Jul 17 j 17:50	19°♊04'44	1°48'34
	-4471 Jul 23 j 20:32	0°♋	
max. Earth dist.	-4471 Jul 25 j 03:00	2°♋11'48	1.40426 AU
evening rise	-4471 Jul 29 j 20:23	10°♋09'43	
desc. node	-4471 Aug 09 j 15:28	27°♋14'35	
	-4471 Aug 11 j 11:26	0°♌	
greatest brilliancy	-4471 Aug 27 j 03:51	21°♌41'44	-0.2m
evening max el	-4471 Sep 02 j 07:44	28°♌40'33	23°17'47
	-4471 Sep 03 j 16:37	0°♍	
retrograde	-4471 Sep 12 j 15:23	4°♍47'16	
evening set	-4471 Sep 17 j 13:24	2°♍45'14	
	-4471 Sep 20 j 04:38	30°℞♌	
inferior conj	-4471 Sep 22 j 21:34	26°♌24'54	0°-18'-53
minimum elong	-4471 Sep 22 j 22:00	26°♌23'25	0°18'35
min. Earth dist.	-4471 Sep 22 j 14:34	26°♌48'57	0.67391 AU
asc. node	-4471 Sep 23 j 19:42	25°♌09'15	
morning rise	-4471 Sep 28 j 06:38	20°♌10'58	
direct	-4471 Oct 02 j 10:12	18°♌35'15	
morning max el	-4471 Oct 11 j 04:45	23°♌46'56	21°28'11
greatest brilliancy	-4471 Oct 16 j 09:50	29°♌48'22	-0.4m
	-4471 Oct 16 j 13:31	0°♍	
desc. node	-4471 Nov 05 j 15:21	28°♍50'52	
	-4471 Nov 06 j 09:20	0°♎	
morning set	-4471 Nov 11 j 05:54	7°♎34'20	
max. Earth dist.	-4471 Nov 18 j 16:11	19°♎32'07	1.42096 AU
	-4471 Nov 24 j 21:49	0°♏	
superior conj	-4471 Nov 26 j 00:42	1°♏55'32	-1°-45'-29
minimum elong	-4471 Nov 25 j 20:44	1°♏38'28	1°45'24
evening rise	-4471 Dec 07 j 03:49	21°♏45'13	
	-4471 Dec 11 j 17:09	0°♐	
asc. node	-4471 Dec 20 j 18:28	14°♐34'48	
evening max el	-4471 Dec 23 j 16:31	17°♐57'51	18°08'58
retrograde	-4471 Dec 30 j 11:41	21°♐26'48	
evening set	-4470 Jan 02 j 02:13	20°♐56'29	
inferior conj	-4470 Jan 08 j 21:22	15°♐58'15	4°04'02
minimum elong	-4470 Jan 08 j 20:41	15°♐59'52	4°03'48
min. Earth dist.	-4470 Jan 11 j 23:50	13°♐03'46	0.61121 AU
morning rise	-4470 Jan 15 j 12:36	10°♐15'18	
direct	-4470 Jan 22 j 11:11	7°♐55'06	
desc. node	-4470 Feb 01 j 14:58	12°♐09'34	
morning max el	-4470 Feb 05 j 13:08	15°♐36'15	27°32'30
	-4470 Feb 17 j 08:28	0°♑	
	-4470 Mar 06 j 22:08	0°♒	
morning set	-4470 Mar 09 j 17:28	5°♒39'38	
max. Earth dist.	-4470 Mar 15 j 23:30	18°♒56'16	1.32674 AU
superior conj	-4470 Mar 16 j 23:48	21°♒08'32	0°-18'-9
minimum elong	-4470 Mar 17 j 00:37	21°♒12'59	0°18'09
asc. node	-4470 Mar 18 j 17:51	24°♒58'01	
	-4470 Mar 21 j 01:25	0°♓	
evening rise	-4470 Mar 24 j 00:13	6°♓18'02	
	-4470 Apr 05 j 14:41	0°♈	
evening max el	-4470 Apr 19 j 11:18	18°♈02'27	25°07'16
desc. node	-4470 Apr 30 j 13:39	24°♈50'52	
retrograde	-4470 May 03 j 12:39	25°♈11'22	
evening set	-4470 May 08 j 16:31	24°♈09'41	
min. Earth dist.	-4470 May 13 j 23:43	21°♈17'31	0.57597 AU
inferior conj	-4470 May 17 j 01:19	19°♈12'23	-3°-45'-3
minimum elong	-4470 May 16 j 20:48	19°♈20'09	3°44'15
morning rise	-4470 May 25 j 05:14	14°♈58'23	
direct	-4470 May 27 j 16:01	14°♈40'31	
morning max el	-4470 Jun 05 j 09:53	18°♈45'59	19°03'27
	-4470 Jun 13 j 20:38	0°♉	
asc. node	-4470 Jun 14 j 17:38	1°♉29'02	
morning set	-4470 Jun 22 j 03:18	15°♉22'19	
	-4470 Jun 29 j 13:36	0°♊	
superior conj	-4470 Jun 30 j 15:24	2°♊04'38	1°47'55
minimum elong	-4470 Jun 30 j 14:21	1°♊59'35	1°48'04
max. Earth dist.	-4470 Jul 07 j 04:26	14°♊18'10	1.38487 AU
evening rise	-4470 Jul 11 j 03:22	21°♊19'08	
	-4470 Jul 16 j 06:27	0°♋	
desc. node	-4470 Jul 27 j 12:28	17°♋32'15	
	-4470 Aug 05 j 10:43	0°♌	
evening max el	-4470 Aug 15 j 18:57	12°♌08'36	24°37'52
retrograde	-4470 Aug 27 j 04:46	18°♌49'05	
evening set	-4470 Sep 01 j 17:52	16°♌27'53	
min. Earth dist.	-4470 Sep 06 j 09:36	11°♌06'35	0.67154 AU
inferior conj	-4470 Sep 07 j 03:06	10°♌08'02	-1°-11'-56
minimum elong	-4470 Sep 07 j 04:45	10°♌02'28	1°11'05
asc. node	-4470 Sep 10 j 16:51	5°♌44'05	
morning rise	-4470 Sep 12 j 15:56	4°♌00'40	
direct	-4470 Sep 16 j 07:29	2°♌43'57	
morning max el	-4470 Sep 24 j 02:52	7°♌17'02	20°15'10
greatest brilliancy	-4470 Oct 01 j 00:30	15°♌42'58	-0.6m
	-4470 Oct 10 j 20:53	0°♍	
morning set	-4470 Oct 21 j 04:42	15°♍47'05	
desc. node	-4470 Oct 23 j 12:15	19°♍22'57	
	-4470 Oct 30 j 06:03	0°♎	
max. Earth dist.	-4470 Nov 01 j 01:29	2°♎53'28	1.43636 AU
superior conj	-4470 Nov 06 j 14:44	11°♎53'44	-1°-21'-37
minimum elong	-4470 Nov 06 j 08:02	11°♎26'15	1°21'00
	-4470 Nov 17 j 08:53	0°♏	
evening rise	-4470 Nov 19 j 13:04	3°♏45'18	
	-4470 Dec 06 j 02:03	0°♐	
evening max el	-4470 Dec 07 j 04:57	1°♐12'27	18°12'05
asc. node	-4470 Dec 07 j 15:35	1°♐38'36	
retrograde	-4470 Dec 13 j 18:14	4°♐42'42	
evening set	-4470 Dec 16 j 12:01	4°♐04'26	
	-4470 Dec 21 j 16:00	30°℞♏	
inferior conj	-4470 Dec 22 j 20:32	28°♏45'11	3°49'40
minimum elong	-4470 Dec 22 j 18:05	28°♏51'43	3°49'09
min. Earth dist.	-4470 Dec 25 j 09:59	26°♏02'20	0.62982 AU
morning rise	-4470 Dec 28 j 22:23	22°♏49'50	
direct	-4469 Jan 05 j 00:01	20°♏07'07	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4469 Jan 18 j 19:06	27°♏50'12	27°40'49
desc. node	-4469 Jan 19 j 12:01	28°♏32'33	
	-4469 Jan 20 j 21:27	0°♐	
	-4469 Feb 11 j 00:42	0°♑	
morning set	-4469 Feb 21 j 18:48	20°♑03'57	
	-4469 Feb 26 j 14:09	0°♒	
max. Earth dist.	-4469 Feb 27 j 07:28	1°♒31'55	1.33116 AU
superior conj	-4469 Mar 01 j 08:59	5°♒57'06	0°-42'-50
minimum elong	-4469 Mar 01 j 10:51	6°♒07'11	0°42'40
asc. node	-4469 Mar 05 j 14:50	15°♒06'56	
evening rise	-4469 Mar 08 j 11:51	21°♒14'33	
	-4469 Mar 12 j 18:54	0°♓	
evening max el	-4469 Apr 01 j 03:25	28°♓48'53	23°35'59
	-4469 Apr 02 j 10:28	0°♈	
retrograde	-4469 Apr 14 j 18:06	5°♈34'16	
desc. node	-4469 Apr 17 j 10:48	5°♈18'09	
evening set	-4469 Apr 18 j 14:25	5°♈01'47	
min. Earth dist.	-4469 Apr 25 j 14:50	1°♈46'51	0.56061 AU
inferior conj	-4469 Apr 27 j 16:09	0°♈32'49	-2°-37'-48
minimum elong	-4469 Apr 27 j 10:27	0°♈41'25	2°36'16
	-4469 Apr 28 j 14:04	30°℞♓	
morning rise	-4469 May 06 j 09:56	26°♓32'55	
direct	-4469 May 08 j 21:23	26°♓17'27	
	-4469 May 17 j 22:40	0°♈	
morning max el	-4469 May 19 j 03:56	1°♈04'09	20°05'32
asc. node	-4469 Jun 01 j 14:38	20°♈40'54	
morning set	-4469 Jun 06 j 06:35	29°♈51'00	
	-4469 Jun 06 j 08:22	0°♉	
superior conj	-4469 Jun 14 j 03:54	15°♉53'27	1°39'19
minimum elong	-4469 Jun 14 j 01:36	15°♉41'55	1°39'17
max. Earth dist.	-4469 Jun 19 j 08:49	26°♉05'46	1.36669 AU
	-4469 Jun 21 j 10:24	0°♊	
evening rise	-4469 Jun 23 j 09:58	3°♊39'35	
	-4469 Jul 09 j 05:54	0°♋	
desc. node	-4469 Jul 14 j 09:29	7°♋30'47	
evening max el	-4469 Jul 29 j 05:42	25°♋39'46	25°50'09
	-4469 Aug 03 j 08:38	0°♌	
retrograde	-4469 Aug 10 j 13:38	2°♌44'34	
evening set	-4469 Aug 16 j 17:43	0°♌07'23	
	-4469 Aug 16 j 21:06	30°℞♋	
min. Earth dist.	-4469 Aug 21 j 00:45	25°♋23'55	0.66591 AU
inferior conj	-4469 Aug 22 j 05:49	23°♋51'18	-2°-2'-59
minimum elong	-4469 Aug 22 j 08:34	23°♋42'33	2°01'46
morning rise	-4469 Aug 28 j 00:04	17°♋53'55	
asc. node	-4469 Aug 28 j 13:59	17°♋34'09	
direct	-4469 Aug 31 j 05:46	16°♋53'18	
morning max el	-4469 Sep 07 j 08:07	20°♋55'48	19°15'45
	-4469 Sep 14 j 12:11	0°♌	
morning set	-4469 Sep 30 j 10:52	24°♌27'39	
	-4469 Oct 03 j 23:40	0°♍	
desc. node	-4469 Oct 10 j 09:09	10°♍02'24	
max. Earth dist.	-4469 Oct 14 j 16:59	16°♍51'41	1.44575 AU
superior conj	-4469 Oct 17 j 02:38	20°♍40'01	0°-41'-41
minimum elong	-4469 Oct 16 j 21:34	20°♍19'52	0°41'01
	-4469 Oct 22 j 22:49	0°♎	
evening rise	-4469 Nov 01 j 00:51	14°♎47'58	
	-4469 Nov 10 j 07:13	0°♏	
evening max el	-4469 Nov 20 j 17:24	14°♏34'58	18°33'38
asc. node	-4469 Nov 24 j 12:43	17°♏33'12	
retrograde	-4469 Nov 27 j 08:57	18°♏16'55	
evening set	-4469 Nov 30 j 07:22	17°♏29'01	
inferior conj	-4469 Dec 06 j 07:28	11°♏51'11	3°20'21
minimum elong	-4469 Dec 06 j 04:17	12°♏00'30	3°19'28
min. Earth dist.	-4469 Dec 08 j 06:09	9°♏34'19	0.64544 AU
morning rise	-4469 Dec 11 j 23:59	5°♏46'13	
direct	-4469 Dec 18 j 19:38	2°♏56'18	
morning max el	-4468 Jan 01 j 04:15	10°♏35'28	27°14'38
desc. node	-4468 Jan 06 j 09:03	16°♏17'28	
	-4468 Jan 16 j 14:36	0°♐	
	-4468 Feb 03 j 10:05	0°♑	
morning set	-4468 Feb 05 j 11:29	3°♑57'37	
max. Earth dist.	-4468 Feb 10 j 07:11	13°♑37'22	1.33964 AU
superior conj	-4468 Feb 13 j 14:09	20°♑28'55	-1°-6'-13
minimum elong	-4468 Feb 13 j 16:52	20°♑43'10	1°06'00
	-4468 Feb 18 j 01:44	0°♒	
asc. node	-4468 Feb 20 j 11:50	5°♒06'47	
evening rise	-4468 Feb 20 j 22:37	6°♒03'08	
	-4468 Mar 05 j 01:14	0°♓	
evening max el	-4468 Mar 12 j 22:21	9°♓36'31	22°02'31
retrograde	-4468 Mar 25 j 11:56	15°♓41'41	
evening set	-4468 Mar 28 j 07:49	15°♓23'56	
desc. node	-4468 Apr 03 j 07:58	13°♓07'06	
min. Earth dist.	-4468 Apr 06 j 04:47	11°♓33'12	0.55255 AU
inferior conj	-4468 Apr 06 j 15:34	11°♓18'01	0°-54'-37
minimum elong	-4468 Apr 06 j 13:03	11°♓21'33	0°53'52
morning rise	-4468 Apr 15 j 19:34	7°♓19'09	
direct	-4468 Apr 18 j 12:28	7°♓02'43	
morning max el	-4468 Apr 30 j 11:11	12°♓41'06	21°26'30
	-4468 May 13 j 01:46	0°♈	
asc. node	-4468 May 18 j 11:35	10°♈16'49	
morning set	-4468 May 20 j 14:49	14°♈37'37	
	-4468 May 27 j 23:27	0°♉	
superior conj	-4468 May 28 j 02:06	0°♉13'41	1°24'50
minimum elong	-4468 May 27 j 23:23	29°♈59'37	1°24'36
max. Earth dist.	-4468 May 31 j 21:15	7°♉59'33	1.35137 AU
evening rise	-4468 Jun 05 j 10:46	16°♉56'02	
	-4468 Jun 12 j 14:58	0°♊	
desc. node	-4468 Jun 30 j 06:35	27°♊01'26	
	-4468 Jul 02 j 13:59	0°♋	
evening max el	-4468 Jul 10 j 16:53	9°♋08'01	26°46'31
retrograde	-4468 Jul 23 j 17:34	16°♋27'06	
evening set	-4468 Jul 30 j 10:37	13°♋40'35	
min. Earth dist.	-4468 Aug 03 j 09:41	9°♋36'12	0.65666 AU
inferior conj	-4468 Aug 05 j 03:43	7°♋31'16	-2°-50'-6
minimum elong	-4468 Aug 05 j 07:13	7°♋20'51	2°48'50
morning rise	-4468 Aug 11 j 04:54	1°♋47'09	
direct	-4468 Aug 14 j 03:02	0°♋59'28	
asc. node	-4468 Aug 14 j 11:05	1°♋00'05	
morning max el	-4468 Aug 20 j 18:59	4°♋40'24	18°32'03
	-4468 Sep 07 j 01:03	0°♌	
morning set	-4468 Sep 09 j 17:01	4°♌19'36	
superior conj	-4468 Sep 25 j 02:00	28°♌54'59	0°07'24
minimum elong	-4468 Sep 25 j 02:58	28°♌58'50	0°07'24
behind sun begin	-4468 Sep 24 j 16:46	28°♌18'32	
behind sun end	-4468 Sep 25 j 13:11	29°♌39'06	
	-4468 Sep 25 j 18:29	0°♍	
desc. node	-4468 Sep 26 j 06:04	0°♍45'43	
max. Earth dist.	-4468 Sep 26 j 11:09	1°♍05'43	1.44802 AU
evening rise	-4468 Oct 11 j 11:45	24°♍46'13	
	-4468 Oct 14 j 19:10	0°♎	
evening max el	-4468 Nov 03 j 03:18	28°♎00'33	19°12'28
	-4468 Nov 05 j 07:22	0°♏	
retrograde	-4468 Nov 10 j 04:17	2°♏03'08	
asc. node	-4468 Nov 10 j 09:53	2°♏02'49	
evening set	-4468 Nov 13 j 09:11	1°♏03'29	
	-4468 Nov 14 j 19:18	30°℞♎	
inferior conj	-4468 Nov 19 j 02:50	25°♎10'12	2°40'58
minimum elong	-4468 Nov 18 j 23:45	25°♎19'57	2°39'55

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4468 Nov 20 j 11:35	23°♎26'33	0.65755 AU
morning rise	-4468 Nov 24 j 13:27	18°♎58'08	
direct	-4468 Nov 30 j 21:30	16°♎13'56	
morning max el	-4468 Dec 13 j 14:03	23°♎39'40	26°19'54
	-4468 Dec 19 j 07:08	0°♏	
desc. node	-4468 Dec 23 j 06:03	4°♏59'48	
	-4467 Jan 08 j 22:55	0°♐	
morning set	-4467 Jan 18 j 15:38	17°♐08'34	
max. Earth dist.	-4467 Jan 22 j 19:34	25°♐07'36	1.35247 AU
	-4467 Jan 25 j 06:28	0°♑	
superior conj	-4467 Jan 27 j 13:00	4°♑36'33	-1°-26'-58
minimum elong	-4467 Jan 27 j 16:05	4°♑52'17	1°26'49
evening rise	-4467 Feb 04 j 06:39	20°♑37'25	
asc. node	-4467 Feb 06 j 08:53	24°♑52'47	
	-4467 Feb 08 j 23:25	0°♒	
evening max el	-4467 Feb 23 j 01:38	20°♒49'24	20°38'48
retrograde	-4467 Mar 06 j 02:03	26°♒03'42	
evening set	-4467 Mar 08 j 10:57	25°♒50'07	
inferior conj	-4467 Mar 17 j 11:28	21°♒52'10	1°01'15
minimum elong	-4467 Mar 17 j 14:10	21°♒48'15	1°00'12
min. Earth dist.	-4467 Mar 18 j 18:59	21°♒06'27	0.55358 AU
desc. node	-4467 Mar 21 j 05:07	19°♒45'49	
morning rise	-4467 Mar 26 j 15:40	17°♒35'54	
direct	-4467 Mar 30 j 01:02	17°♒10'53	
morning max el	-4467 Apr 12 j 08:37	23°♒40'32	23°01'19
	-4467 Apr 18 j 00:13	0°♓	
morning set	-4467 May 05 j 01:59	29°♓36'03	
asc. node	-4467 May 05 j 08:34	0°♈10'24	
	-4467 May 05 j 06:35	0°♈	
superior conj	-4467 May 12 j 06:55	14°♈56'01	1°06'10
minimum elong	-4467 May 12 j 04:25	14°♈42'43	1°05'48
max. Earth dist.	-4467 May 14 j 19:32	20°♈16'03	1.33969 AU
	-4467 May 19 j 13:50	0°♉	
evening rise	-4467 May 20 j 00:50	0°♉54'33	
	-4467 Jun 05 j 14:28	0°♊	
desc. node	-4467 Jun 17 j 03:42	15°♊52'14	
evening max el	-4467 Jun 23 j 03:55	22°♊23'54	27°19'26
retrograde	-4467 Jul 06 j 16:13	29°♊48'48	
evening set	-4467 Jul 13 j 17:45	27°♊03'45	
min. Earth dist.	-4467 Jul 17 j 10:25	23°♊36'00	0.64356 AU
inferior conj	-4467 Jul 19 j 18:27	21°♊03'53	-3°-30'-45
minimum elong	-4467 Jul 19 j 22:05	20°♊53'58	3°29'44
morning rise	-4467 Jul 26 j 04:04	15°♊36'06	
direct	-4467 Jul 28 j 20:50	14°♊58'21	
asc. node	-4467 Aug 01 j 08:09	16°♊00'13	
morning max el	-4467 Aug 04 j 09:08	18°♊26'26	18°05'22
	-4467 Aug 12 j 20:18	0°♋	
morning set	-4467 Aug 22 j 02:15	15°♋29'13	
	-4467 Aug 30 j 18:00	0°♌	
superior conj	-4467 Sep 04 j 11:43	7°♌44'21	0°52'56
minimum elong	-4467 Sep 04 j 17:11	8°♌06'26	0°52'28
max. Earth dist.	-4467 Sep 09 j 04:13	15°♌15'20	1.44305 AU
desc. node	-4467 Sep 13 j 03:02	21°♌30'10	
	-4467 Sep 18 j 13:34	0°♍	
evening rise	-4467 Sep 21 j 00:16	3°♍47'30	
	-4467 Oct 08 j 09:01	0°♎	
greatest brilliancy	-4467 Oct 10 j 07:28	2°♎43'23	-0.6m
evening max el	-4467 Oct 17 j 08:33	11°♎26'57	20°06'53
retrograde	-4467 Oct 25 j 01:25	15°♎57'52	
asc. node	-4467 Oct 28 j 07:02	14°♎57'05	
evening set	-4467 Oct 28 j 15:03	14°♎43'48	
inferior conj	-4467 Nov 03 j 04:00	8°♎38'37	1°54'53
minimum elong	-4467 Nov 03 j 01:34	8°♎46'45	1°53'57
min. Earth dist.	-4467 Nov 04 j 00:22	7°♎30'45	0.66622 AU
morning rise	-4467 Nov 08 j 11:28	2°♎22'10	
	-4467 Nov 12 j 21:47	30°℞♍	
direct	-4467 Nov 14 j 05:03	29°♍52'46	
	-4467 Nov 15 j 13:17	0°♎	
morning max el	-4467 Nov 25 j 22:58	6°♎51'39	25°05'12
desc. node	-4467 Dec 10 j 03:01	24°♎22'51	
	-4467 Dec 14 j 00:40	0°♏	
morning set	-4466 Jan 01 j 02:03	29°♏21'38	
	-4466 Jan 01 j 10:38	0°♐	
max. Earth dist.	-4466 Jan 04 j 20:43	6°♐14'18	1.36958 AU
superior conj	-4466 Jan 11 j 02:31	18°♐11'08	-1°-43'-17
minimum elong	-4466 Jan 11 j 05:11	18°♐24'14	1°43'17
	-4466 Jan 17 j 00:12	0°♑	
evening rise	-4466 Jan 19 j 09:53	4°♑50'42	
asc. node	-4466 Jan 24 j 05:57	14°♑18'42	
	-4466 Feb 03 j 04:34	0°♒	
evening max el	-4466 Feb 05 j 15:26	2°♒37'24	19°31'35
retrograde	-4466 Feb 14 j 23:58	7°♒03'44	
evening set	-4466 Feb 17 j 08:08	6°♒48'20	
inferior conj	-4466 Feb 25 j 17:36	2°♒42'37	2°38'05
minimum elong	-4466 Feb 25 j 22:41	2°♒34'22	2°36'33
min. Earth dist.	-4466 Feb 28 j 09:46	0°♒59'16	0.56354 AU
	-4466 Mar 02 j 01:00	30°℞♑	
morning rise	-4466 Mar 06 j 09:38	27°♑57'33	
desc. node	-4466 Mar 08 j 02:15	27°♑29'17	
direct	-4466 Mar 10 j 22:58	27°♑10'27	
	-4466 Mar 19 j 15:20	0°♒	
morning max el	-4466 Mar 25 j 00:07	4°♒17'27	24°39'58
	-4466 Apr 12 j 04:30	0°♓	
morning set	-4466 Apr 19 j 14:15	14°♓38'50	
asc. node	-4466 Apr 22 j 05:32	20°♓15'19	
superior conj	-4466 Apr 26 j 15:53	29°♓51'08	0°44'32
minimum elong	-4466 Apr 26 j 14:02	29°♓41'08	0°44'09
	-4466 Apr 26 j 17:31	0°♈	
max. Earth dist.	-4466 Apr 28 j 02:11	2°♈56'21	1.33168 AU
evening rise	-4466 May 04 j 00:09	15°♈21'32	
	-4466 May 11 j 14:54	0°♉	
	-4466 May 31 j 14:49	0°♊	
desc. node	-4466 Jun 04 j 00:50	3°♊45'17	
evening max el	-4466 Jun 05 j 12:57	5°♊14'57	27°22'54
retrograde	-4466 Jun 19 j 08:50	12°♊39'28	
evening set	-4466 Jun 26 j 11:29	10°♊09'43	
min. Earth dist.	-4466 Jun 30 j 01:37	7°♊10'57	0.62680 AU
inferior conj	-4466 Jul 02 j 23:06	4°♊22'14	-4°-1'-12
minimum elong	-4466 Jul 03 j 01:54	4°♊15'24	4°00'39
	-4466 Jul 08 j 05:00	30°℞♉	
morning rise	-4466 Jul 09 j 18:37	29°♉13'29	
direct	-4466 Jul 12 j 08:08	28°♉43'08	
	-4466 Jul 16 j 09:03	0°♊	
morning max el	-4466 Jul 18 j 23:51	2°♊07'13	17°56'40
asc. node	-4466 Jul 19 j 05:11	2°♊20'31	
morning set	-4466 Aug 04 j 10:18	27°♊43'55	
	-4466 Aug 05 j 16:54	0°♋	
superior conj	-4466 Aug 15 j 22:41	17°♋48'46	1°25'46
minimum elong	-4466 Aug 16 j 04:00	18°♋11'17	1°25'30
max. Earth dist.	-4466 Aug 22 j 17:34	29°♋03'28	1.43156 AU
	-4466 Aug 23 j 07:31	0°♌	
evening rise	-4466 Aug 31 j 03:58	12°♌27'37	
desc. node	-4466 Aug 31 j 00:01	12°♌12'14	
	-4466 Sep 11 j 16:53	0°♍	
greatest brilliancy	-4466 Sep 25 j 00:31	18°♍42'27	-0.5m
evening max el	-4466 Sep 30 j 07:53	24°♍53'06	21°14'29
retrograde	-4466 Oct 08 j 22:11	29°♍58'37	
evening set	-4466 Oct 12 j 22:53	28°♍27'23	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4466 Oct 15 j 04:09	26°♍20'13	
inferior conj	-4466 Oct 18 j 08:45	22°♍13'46	1°04'34
minimum elong	-4466 Oct 18 j 07:17	22°♍18'45	1°04'00
min. Earth dist.	-4466 Oct 18 j 18:00	21°♍42'00	0.67162 AU
morning rise	-4466 Oct 23 j 15:20	15°♍55'59	
direct	-4466 Oct 28 j 17:38	13°♍46'31	
morning max el	-4466 Nov 08 j 07:57	20°♍06'25	23°40'27
	-4466 Nov 16 j 18:06	0°♎	
desc. node	-4466 Nov 27 j 00:00	14°♎15'03	
	-4466 Dec 07 j 05:58	0°♏	
morning set	-4466 Dec 13 j 12:39	10°♏21'01	
max. Earth dist.	-4466 Dec 17 j 16:30	17°♏31'53	1.38970 AU
	-4466 Dec 24 j 13:27	0°♐	
superior conj	-4466 Dec 25 j 02:50	1°♐02'37	-1°-52'-40
minimum elong	-4466 Dec 25 j 03:55	1°♐07'44	1°52'51
evening rise	-4465 Jan 03 j 05:52	18°♐37'06	
	-4465 Jan 09 j 06:05	0°♑	
asc. node	-4465 Jan 11 j 03:01	3°♑17'50	
evening max el	-4465 Jan 19 j 14:56	14°♑59'26	18°43'40
retrograde	-4465 Jan 27 j 14:51	18°♑51'25	
evening set	-4465 Jan 30 j 01:33	18°♑31'07	
inferior conj	-4465 Feb 06 j 18:30	14°♑07'13	3°38'16
minimum elong	-4465 Feb 06 j 22:11	14°♑00'18	3°37'30
min. Earth dist.	-4465 Feb 10 j 02:06	11°♑39'11	0.58011 AU
morning rise	-4465 Feb 14 j 15:09	8°♑54'42	
direct	-4465 Feb 20 j 09:58	7°♑32'28	
desc. node	-4465 Feb 22 j 23:21	7°♑48'30	
morning max el	-4465 Mar 06 j 15:49	14°♑59'19	26°08'05
	-4465 Mar 18 j 17:03	0°♒	
morning set	-4465 Apr 04 j 01:56	29°♒39'58	
	-4465 Apr 04 j 05:45	0°♓	
asc. node	-4465 Apr 09 j 02:31	10°♓26'57	
superior conj	-4465 Apr 11 j 03:04	14°♓52'14	0°20'56
minimum elong	-4465 Apr 11 j 02:10	14°♓47'15	0°20'40
max. Earth dist.	-4465 Apr 11 j 14:11	15°♓52'55	1.32714 AU
evening rise	-4465 Apr 18 j 05:43	0°♈06'58	
	-4465 Apr 18 j 04:22	0°♈	
	-4465 May 04 j 19:02	0°♉	
evening max el	-4465 May 18 j 17:34	17°♉29'47	26°53'39
desc. node	-4465 May 21 j 21:56	20°♉16'29	
retrograde	-4465 Jun 01 j 17:55	24°♉50'47	
evening set	-4465 Jun 08 j 11:42	22°♉49'58	
min. Earth dist.	-4465 Jun 12 j 07:07	20°♉06'55	0.60730 AU
inferior conj	-4465 Jun 15 j 14:16	17°♉18'24	-4°-15'-41
minimum elong	-4465 Jun 15 j 14:54	17°♉17'03	4°15'32
morning rise	-4465 Jun 22 j 21:13	12°♉30'58	
direct	-4465 Jun 25 j 09:10	12°♉06'13	
morning max el	-4465 Jul 02 j 12:23	15°♉36'05	18°06'55
asc. node	-4465 Jul 06 j 02:12	19°♉45'37	
	-4465 Jul 12 j 13:23	0°♊	
morning set	-4465 Jul 18 j 11:44	10°♊49'39	
superior conj	-4465 Jul 28 j 12:44	29°♊13'50	1°43'53
minimum elong	-4465 Jul 28 j 15:29	29°♊26'04	1°43'57
	-4465 Jul 28 j 23:08	0°♋	
max. Earth dist.	-4465 Aug 05 j 01:45	12°♋16'29	1.41516 AU
evening rise	-4465 Aug 10 j 19:10	21°♋41'13	
	-4465 Aug 16 j 01:23	0°♌	
desc. node	-4465 Aug 17 j 20:58	2°♌48'12	
	-4465 Sep 05 j 22:01	0°♍	
greatest brilliancy	-4465 Sep 08 j 07:14	2°♍58'47	-0.3m
evening max el	-4465 Sep 13 j 01:07	8°♍18'18	22°31'25
retrograde	-4465 Sep 22 j 16:56	14°♍02'11	
evening set	-4465 Sep 27 j 06:47	12°♍11'35	
asc. node	-4465 Oct 02 j 01:16	6°♍40'40	
inferior conj	-4465 Oct 02 j 15:08	5°♍52'53	0°11'50
minimum elong	-4465 Oct 02 j 14:51	5°♍53'51	0°11'50
transit middle	-4465 Oct 02 j 14:51	5°♍53'51	0°11'50
transit begin	-4465 Oct 02 j 12:59	6°♍00'17	
transit end	-4465 Oct 02 j 16:43	5°♍47'25	
min. Earth dist.	-4465 Oct 02 j 14:01	5°♍56'46	0.67398 AU
	-4465 Oct 07 j 11:57	30°℞♌	
morning rise	-4465 Oct 07 j 22:48	29°♌36'51	
direct	-4465 Oct 12 j 10:19	27°♌49'01	
	-4465 Oct 17 j 23:04	0°♍	
morning max el	-4465 Oct 21 j 19:59	3°♍24'41	22°14'49
greatest brilliancy	-4465 Oct 26 j 13:48	8°♍46'51	-0.4m
	-4465 Nov 10 j 21:42	0°♎	
desc. node	-4465 Nov 13 j 20:55	4°♎27'10	
morning set	-4465 Nov 23 j 18:44	19°♎56'15	
max. Earth dist.	-4465 Nov 29 j 15:03	29°♎33'38	1.41024 AU
	-4465 Nov 29 j 21:20	0°♏	
superior conj	-4465 Dec 07 j 08:45	12°♏56'42	-1°-51'-57
minimum elong	-4465 Dec 07 j 06:53	12°♏48'26	1°52'04
	-4465 Dec 16 j 16:11	0°♐	
evening rise	-4465 Dec 17 j 15:29	1°♐48'45	
asc. node	-4465 Dec 29 j 00:05	21°♐40'57	
evening max el	-4464 Jan 02 j 21:37	27°♐47'31	18°15'51
	-4464 Jan 05 j 15:40	0°♑	
retrograde	-4464 Jan 10 j 00:11	1°♑20'57	
evening set	-4464 Jan 12 j 13:20	0°♑54'29	
	-4464 Jan 14 j 13:07	30°℞♐	
inferior conj	-4464 Jan 19 j 15:38	26°♐08'29	4°02'47
minimum elong	-4464 Jan 19 j 16:27	26°♐06'43	4°02'33
min. Earth dist.	-4464 Jan 22 j 22:53	23°♐17'08	0.59980 AU
morning rise	-4464 Jan 26 j 16:38	20°♐34'54	
direct	-4464 Feb 02 j 08:23	18°♐34'13	
desc. node	-4464 Feb 09 j 20:27	20°♐53'43	
morning max el	-4464 Feb 16 j 12:42	26°♐10'56	27°11'23
	-4464 Feb 20 j 03:18	0°♑	
	-4464 Mar 11 j 01:31	0°♒	
morning set	-4464 Mar 18 j 11:15	14°♒32'41	
max. Earth dist.	-4464 Mar 25 j 03:43	28°♒52'30	1.32591 AU
superior conj	-4464 Mar 25 j 14:47	29°♒52'58	0°-3'-47
minimum elong	-4464 Mar 25 j 14:57	29°♒53'54	0°03'53
behind sun begin	-4464 Mar 25 j 10:04	29°♒27'13	
behind sun end	-4464 Mar 25 j 19:50	0°♓20'36	
asc. node	-4464 Mar 25 j 23:30	0°♓40'40	
	-4464 Mar 25 j 16:04	0°♓	
evening rise	-4464 Apr 01 j 15:09	15°♓02'03	
	-4464 Apr 09 j 04:56	0°♈	
evening max el	-4464 Apr 29 j 15:53	29°♈02'04	25°53'14
	-4464 Apr 30 j 16:49	0°♉	
desc. node	-4464 May 07 j 19:03	4°♉53'27	
retrograde	-4464 May 13 j 18:00	6°♉17'21	
evening set	-4464 May 19 j 14:58	4°♉53'55	
min. Earth dist.	-4464 May 24 j 04:24	2°♉09'55	0.58691 AU
	-4464 May 27 j 03:03	30°℞♈	
inferior conj	-4464 May 27 j 12:18	29°♈42'46	-4°-5'-47
minimum elong	-4464 May 27 j 09:38	29°♈47'44	4°05'27
morning rise	-4464 Jun 04 j 08:12	25°♈17'31	
direct	-4464 Jun 06 j 19:30	24°♈57'18	
morning max el	-4464 Jun 14 j 19:57	28°♈45'14	18°37'04
	-4464 Jun 16 j 01:33	0°♉	
asc. node	-4464 Jun 21 j 23:14	8°♉01'23	
morning set	-4464 Jul 01 j 01:59	24°♉35'02	
	-4464 Jul 03 j 21:05	0°♊	
superior conj	-4464 Jul 10 j 01:17	11°♊47'42	1°49'21
minimum elong	-4464 Jul 10 j 01:23	11°♊48'13	1°49'33

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4464 Jul 17 j 05:01	24°♊47'02	1.39603 AU	
	-4464 Jul 20 j 05:18	0°♋		
evening rise	-4464 Jul 21 j 10:56	2°♋05'43		
desc. node	-4464 Aug 03 j 17:57	23°♋14'18		
	-4464 Aug 08 j 08:35	0°♌		
evening max el	-4464 Aug 25 j 13:45	21°♌44'43	23°52'11	
retrograde	-4464 Sep 05 j 08:34	28°♌06'17		
evening set	-4464 Sep 10 j 13:04	25°♌55'39		
inferior conj	-4464 Sep 15 j 21:29	19°♌35'10	0°-41'-31	
minimum elong	-4464 Sep 15 j 22:27	19°♌31'54	0°40'58	
min. Earth dist.	-4464 Sep 15 j 10:02	20°♌14'09	0.67336 AU	
asc. node	-4464 Sep 17 j 22:23	16°♌53'19		
morning rise	-4464 Sep 21 j 07:59	13°♌23'55		
direct	-4464 Sep 25 j 06:12	11°♌56'42		
morning max el	-4464 Oct 03 j 14:09	16°♌50'40	20°55'40	
greatest brilliancy	-4464 Oct 09 j 09:04	23°♌40'12	-0.5m	
	-4464 Oct 14 j 00:48	0°♍		
desc. node	-4464 Oct 30 j 17:50	24°♍53'27		
morning set	-4464 Nov 02 j 00:19	28°♍24'57		
	-4464 Nov 03 j 00:38	0°♎		
max. Earth dist.	-4464 Nov 10 j 20:35	12°♎29'11	1.42821 AU	
superior conj	-4464 Nov 17 j 14:33	23°♎39'31	-1°-37'-25	
minimum elong	-4464 Nov 17 j 09:08	23°♎16'40	1°37'05	
	-4464 Nov 21 j 07:46	0°♏		
evening rise	-4464 Nov 29 j 10:57	14°♏17'52		
	-4464 Dec 08 j 10:54	0°♐		
asc. node	-4464 Dec 14 j 21:11	9°♐17'19		
evening max el	-4464 Dec 16 j 08:43	10°♐54'06	18°07'53	
retrograde	-4464 Dec 23 j 00:24	14°♐22'35		
evening set	-4464 Dec 25 j 16:09	13°♐49'02		
inferior conj	-4463 Jan 01 j 06:26	8°♐41'19	4°00'09	
minimum elong	-4463 Jan 01 j 04:52	8°♐45'14	3°59'50	
min. Earth dist.	-4463 Jan 04 j 03:41	5°♐49'39	0.61943 AU	
morning rise	-4463 Jan 07 j 15:25	2°♐52'24		
direct	-4463 Jan 14 j 16:21	0°♐21'03		
desc. node	-4463 Jan 26 j 17:32	6°♐15'07		
morning max el	-4463 Jan 28 j 16:02	8°♐03'35	27°40'33	
	-4463 Feb 14 j 13:03	0°♑		
morning set	-4463 Mar 02 j 16:13	29°♑09'52		
	-4463 Mar 03 j 02:01	0°♒		
max. Earth dist.	-4463 Mar 08 j 14:56	11°♒41'04	1.32814 AU	
superior conj	-4463 Mar 10 j 01:23	14°♒47'31	0°-28'-44	
minimum elong	-4463 Mar 10 j 02:39	14°♒54'28	0°28'39	
asc. node	-4463 Mar 12 j 20:29	20°♒52'23		
evening rise	-4463 Mar 17 j 02:30	29°♒59'42		
	-4463 Mar 17 j 02:33	0°♓		
	-4463 Apr 02 j 22:38	0°♈		
evening max el	-4463 Apr 11 j 08:51	9°♈58'31	24°29'33	
desc. node	-4463 Apr 24 j 16:13	16°♈59'13		
retrograde	-4463 Apr 25 j 07:08	17°♈00'07		
evening set	-4463 Apr 29 j 21:38	16°♈12'15		
min. Earth dist.	-4463 May 05 j 20:48	13°♈11'54	0.56865 AU	
inferior conj	-4463 May 08 j 14:25	11°♈26'40	-3°-21'-29	
minimum elong	-4463 May 08 j 08:56	11°♈35'31	3°20'18	
morning rise	-4463 May 17 j 00:24	7°♈20'18		
direct	-4463 May 19 j 11:11	7°♈03'46		
morning max el	-4463 May 28 j 19:44	11°♈24'44	19°27'34	
asc. node	-4463 Jun 08 j 20:14	26°♈55'17		
	-4463 Jun 10 j 12:25	0°♉		
morning set	-4463 Jun 15 j 01:20	8°♉49'45		
superior conj	-4463 Jun 23 j 06:28	25°♉13'15	1°45'07	
minimum elong	-4463 Jun 23 j 04:47	25°♉04'58	1°45'13	
	-4463 Jun 25 j 17:36	0°♊		
max. Earth dist.	-4463 Jun 29 j 06:48	6°♊41'34	1.37678 AU	

evening rise	-4463 Jul 03 j 04:31	13°♊46'30		
	-4463 Jul 12 j 19:35	0°♋		
desc. node	-4463 Jul 21 j 14:58	13°♋24'46		
	-4463 Aug 03 j 04:30	0°♌		
evening max el	-4463 Aug 08 j 00:20	5°♌13'38	25°09'55	
retrograde	-4463 Aug 19 j 20:15	12°♌06'20		
evening set	-4463 Aug 25 j 15:52	9°♌37'29		
min. Earth dist.	-4463 Aug 30 j 03:42	4°♌32'07	0.66958 AU	
inferior conj	-4463 Aug 31 j 02:04	3°♌18'37	-1°-33'-54	
minimum elong	-4463 Aug 31 j 04:13	3°♌11'33	1°32'53	
	-4463 Sep 02 j 17:34	30°♋℞		
asc. node	-4463 Sep 04 j 19:31	27°♋55'38		
morning rise	-4463 Sep 05 j 17:02	27°♋15'14		
direct	-4463 Sep 09 j 04:01	26°♋05'58		
	-4463 Sep 16 j 05:31	0°♌		
morning max el	-4463 Sep 16 j 15:32	0°♌25'11	19°48'03	
greatest brilliancy	-4463 Sep 24 j 16:04	10°♌31'41	-0.6m	
	-4463 Oct 07 j 15:31	0°♍		
morning set	-4463 Oct 11 j 23:24	6°♍41'46		
desc. node	-4463 Oct 17 j 14:45	15°♍29'06		
max. Earth dist.	-4463 Oct 24 j 08:37	26°♍07'25	1.44117 AU	
	-4463 Oct 26 j 18:52	0°♎		
superior conj	-4463 Oct 28 j 16:46	3°♎04'33	-1°-6'-25	
minimum elong	-4463 Oct 28 j 10:03	2°♎37'28	1°05'41	
evening rise	-4463 Nov 11 j 11:41	25°♎54'49		
	-4463 Nov 13 j 21:30	0°♏		
evening max el	-4463 Nov 29 j 21:27	24°♏12'34	18°19'03	
asc. node	-4463 Dec 01 j 18:17	25°♏53'33		
retrograde	-4463 Dec 06 j 10:58	27°♏46'56		
evening set	-4463 Dec 09 j 06:24	27°♏04'59		
inferior conj	-4463 Dec 15 j 11:06	21°♏37'35	3°38'45	
minimum elong	-4463 Dec 15 j 08:13	21°♏45'35	3°38'03	
min. Earth dist.	-4463 Dec 17 j 18:20	19°♏04'10	0.63684 AU	
morning rise	-4463 Dec 21 j 08:29	15°♏37'30		
direct	-4463 Dec 28 j 08:23	12°♏49'44		
morning max el	-4462 Jan 10 j 23:54	20°♏33'07	27°33'36	
desc. node	-4462 Jan 13 j 14:36	23°♏16'41		
	-4462 Jan 19 j 05:17	0°♐		
	-4462 Feb 07 j 12:50	0°♑		
morning set	-4462 Feb 14 j 14:20	13°♑23'02		
max. Earth dist.	-4462 Feb 19 j 19:48	24°♑04'59	1.33418 AU	
superior conj	-4462 Feb 22 j 09:09	29°♑30'09	0°-53'00	
minimum elong	-4462 Feb 22 j 11:25	29°♑42'14	0°52'47	
	-4462 Feb 22 j 14:44	0°♒		
asc. node	-4462 Feb 27 j 17:29	10°♒58'12		
evening rise	-4462 Mar 01 j 14:00	14°♒53'42		
	-4462 Mar 09 j 05:58	0°♓		
evening max el	-4462 Mar 24 j 01:22	20°♓42'14	22°55'45	
retrograde	-4462 Apr 06 j 07:43	27°♓13'06		
evening set	-4462 Apr 09 j 15:50	26°♓48'42		
desc. node	-4462 Apr 11 j 13:23	26°♓14'32		
min. Earth dist.	-4462 Apr 17 j 11:35	23°♓20'10	0.55605 AU	
inferior conj	-4462 Apr 18 j 21:46	22°♓30'35	-1°-57'-35	
minimum elong	-4462 Apr 18 j 16:53	22°♓37'40	1°56'08	
morning rise	-4462 Apr 27 j 20:40	18°♓33'03		
direct	-4462 Apr 30 j 09:10	18°♓17'56		
morning max el	-4462 May 11 j 09:25	23°♓26'20	20°37'55	
	-4462 May 17 j 01:30	0°♈		
asc. node	-4462 May 26 j 17:14	16°♈18'10		
morning set	-4462 May 30 j 06:59	23°♈26'32		
	-4462 Jun 02 j 11:24	0°♉		
superior conj	-4462 Jun 06 j 23:33	9°♉16'42	1°33'47	
minimum elong	-4462 Jun 06 j 20:59	9°♉03'38	1°33'41	
max. Earth dist.	-4462 Jun 11 j 13:40	18°♉26'42	1.35971 AU	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4462 Jun 15 j 19:33	26°♉32'40	
	-4462 Jun 17 j 16:38	0°♊	
	-4462 Jul 06 j 05:03	0°♋	
desc. node	-4462 Jul 08 j 12:01	3°♋12'26	
evening max el	-4462 Jul 21 j 11:10	18°♋44'03	26°16'32
retrograde	-4462 Aug 03 j 03:16	25°♋56'52	
evening set	-4462 Aug 09 j 13:05	23°♋14'44	
min. Earth dist.	-4462 Aug 13 j 16:37	18°♋47'40	0.66239 AU
inferior conj	-4462 Aug 15 j 03:01	17°♋00'53	-2°-23'-34
minimum elong	-4462 Aug 15 j 06:08	16°♋51'11	2°22'18
morning rise	-4462 Aug 21 j 00:01	11°♋08'34	
asc. node	-4462 Aug 22 j 16:39	10°♋25'04	
direct	-4462 Aug 24 j 02:07	10°♋13'56	
morning max el	-4462 Aug 30 j 23:23	14°♋06'37	18°55'05
	-4462 Sep 11 j 14:00	0°♌	
morning set	-4462 Sep 21 j 14:35	15°♌49'27	
	-4462 Sep 30 j 13:38	0°♍	
desc. node	-4462 Oct 04 j 11:39	6°♍10'27	
max. Earth dist.	-4462 Oct 07 j 01:06	10°♍12'36	1.44762 AU
superior conj	-4462 Oct 07 j 20:57	11°♍30'50	0°-21'-17
minimum elong	-4462 Oct 07 j 18:11	11°♍19'56	0°20'52
	-4462 Oct 19 j 12:10	0°♎	
evening rise	-4462 Oct 23 j 13:06	6°♎30'10	
	-4462 Nov 07 j 09:31	0°♏	
evening max el	-4462 Nov 13 j 09:09	7°♏37'05	18°48'11
asc. node	-4462 Nov 18 j 15:26	11°♏13'48	
retrograde	-4462 Nov 20 j 03:55	11°♏26'40	
evening set	-4462 Nov 23 j 04:49	10°♏34'10	
inferior conj	-4462 Nov 29 j 01:59	4°♏49'40	3°04'38
minimum elong	-4462 Nov 28 j 22:46	4°♏59'26	3°03'39
min. Earth dist.	-4462 Nov 30 j 18:42	2°♏46'04	0.65106 AU
	-4462 Dec 03 j 06:07	30°℞♎	
morning rise	-4462 Dec 04 j 15:37	28°♎41'24	
direct	-4462 Dec 11 j 07:00	25°♎52'09	
	-4462 Dec 20 j 13:26	0°♏	
morning max el	-4462 Dec 24 j 09:24	3°♏27'18	26°54'16
desc. node	-4462 Dec 31 j 11:37	11°♏28'29	
	-4461 Jan 13 j 13:45	0°♐	
morning set	-4461 Jan 29 j 02:12	27°♐00'04	
	-4461 Jan 30 j 15:23	0°♑	
max. Earth dist.	-4461 Feb 02 j 14:38	5°♑53'49	1.34452 AU
superior conj	-4461 Feb 06 j 11:57	13°♑52'42	-1°-15'-27
minimum elong	-4461 Feb 06 j 14:53	14°♑07'59	1°15'14
evening rise	-4461 Feb 13 j 23:49	29°♑36'42	
	-4461 Feb 14 j 04:19	0°♒	
asc. node	-4461 Feb 14 j 14:31	0°♒52'42	
	-4461 Mar 04 j 08:25	0°♓	
evening max el	-4461 Mar 05 j 23:29	1°♓38'47	21°25'16
retrograde	-4461 Mar 17 j 22:15	7°♓22'13	
evening set	-4461 Mar 20 j 11:45	7°♓07'19	
desc. node	-4461 Mar 29 j 10:33	3°♓17'49	
inferior conj	-4461 Mar 29 j 17:57	3°♓07'24	0°-5'-5
minimum elong	-4461 Mar 29 j 17:42	3°♓07'45	0°05'07
transit middle	-4461 Mar 29 j 17:42	3°♓07'45	0°05'07
transit begin	-4461 Mar 29 j 13:49	3°♓13'14	
transit end	-4461 Mar 29 j 21:35	3°♓02'16	
min. Earth dist.	-4461 Mar 30 j 01:47	2°♓56'21	0.55185 AU
	-4461 Apr 04 j 21:29	30°℞♒	
morning rise	-4461 Apr 07 j 23:29	29°♒02'54	
direct	-4461 Apr 10 j 21:58	28°♒43'55	
	-4461 Apr 16 j 15:51	0°♓	
morning max el	-4461 Apr 23 j 12:06	4°♓45'33	22°05'32
	-4461 May 10 j 13:51	0°♈	
asc. node	-4461 May 13 j 14:13	6°♈01'56	
morning set	-4461 May 14 j 16:40	8°♈18'17	
superior conj	-4461 May 22 j 00:52	23°♈46'38	1°17'21
minimum elong	-4461 May 21 j 22:10	23°♈32'32	1°17'03
	-4461 May 25 j 00:44	0°♉	
max. Earth dist.	-4461 May 25 j 06:17	0°♉28'27	1.34597 AU
evening rise	-4461 May 30 j 02:32	10°♉08'21	
	-4461 Jun 10 j 03:27	0°♊	
desc. node	-4461 Jun 25 j 09:07	22°♊27'28	
	-4461 Jul 01 j 19:45	0°♋	
evening max el	-4461 Jul 03 j 22:42	2°♋08'55	27°03'56
retrograde	-4461 Jul 17 j 05:00	9°♋30'57	
evening set	-4461 Jul 24 j 02:13	6°♋43'56	
min. Earth dist.	-4461 Jul 27 j 22:24	2°♋55'23	0.65151 AU
inferior conj	-4461 Jul 29 j 22:12	0°♋38'19	-3°-8'-21
minimum elong	-4461 Jul 30 j 01:51	0°♋27'48	3°07'09
	-4461 Jul 30 j 11:35	30°℞♊	
morning rise	-4461 Aug 05 j 02:44	25°♊00'28	
direct	-4461 Aug 07 j 22:21	24°♊17'14	
asc. node	-4461 Aug 09 j 13:44	24°♊31'47	
morning max el	-4461 Aug 14 j 11:52	27°♊51'46	18°18'32
	-4461 Aug 16 j 09:59	0°♋	
morning set	-4461 Sep 02 j 08:34	26°♋15'40	
	-4461 Sep 04 j 15:00	0°♌	
superior conj	-4461 Sep 16 j 22:02	19°♌52'57	0°27'51
minimum elong	-4461 Sep 17 j 01:27	20°♌06'32	0°27'33
max. Earth dist.	-4461 Sep 19 j 19:24	24°♌27'53	1.44679 AU
desc. node	-4461 Sep 21 j 08:34	26°♌54'36	
	-4461 Sep 23 j 07:41	0°♍	
evening rise	-4461 Oct 03 j 13:38	16°♍02'14	
	-4461 Oct 12 j 13:13	0°♎	
greatest brilliancy	-4461 Oct 19 j 00:33	9°♎46'35	-0.7m
evening max el	-4461 Oct 27 j 17:26	21°♎04'11	19°33'50
retrograde	-4461 Nov 04 j 00:14	25°♎17'25	
asc. node	-4461 Nov 05 j 12:34	25°♎04'08	
evening set	-4461 Nov 07 j 08:40	24°♎11'52	
inferior conj	-4461 Nov 13 j 00:07	18°♎13'16	2°22'04
minimum elong	-4461 Nov 12 j 21:16	18°♎22'32	2°21'03
min. Earth dist.	-4461 Nov 14 j 03:25	16°♎44'47	0.66173 AU
morning rise	-4461 Nov 18 j 09:07	11°♎59'15	
direct	-4461 Nov 24 j 11:22	9°♎20'27	
morning max el	-4461 Dec 06 j 18:43	16°♎35'33	25°49'56
	-4461 Dec 17 j 23:43	0°♏	
desc. node	-4461 Dec 18 j 08:36	0°♏30'03	
	-4460 Jan 06 j 11:19	0°♐	
morning set	-4460 Jan 11 j 23:28	9°♐48'05	
max. Earth dist.	-4460 Jan 15 j 21:56	17°♐11'24	1.35937 AU
superior conj	-4460 Jan 21 j 07:15	27°♐47'37	-1°-34'-33
minimum elong	-4460 Jan 21 j 10:16	28°♐02'49	1°34'28
	-4460 Jan 22 j 09:26	0°♑	
evening rise	-4460 Jan 29 j 06:05	14°♑02'53	
asc. node	-4460 Feb 01 j 11:33	20°♑30'47	
	-4460 Feb 06 j 14:44	0°♒	
evening max el	-4460 Feb 16 j 07:11	13°♒05'51	20°07'50
retrograde	-4460 Feb 26 j 13:50	17°♒58'09	
evening set	-4460 Feb 28 j 21:55	17°♒44'09	
inferior conj	-4460 Mar 08 j 16:34	13°♒44'29	1°46'15
minimum elong	-4460 Mar 08 j 20:48	13°♒38'05	1°44'45
min. Earth dist.	-4460 Mar 10 j 15:47	12°♒33'31	0.55693 AU
desc. node	-4460 Mar 15 j 07:43	10°♒07'22	
morning rise	-4460 Mar 17 j 17:01	9°♒16'59	
direct	-4460 Mar 21 j 13:35	8°♒44'20	
morning max el	-4460 Apr 04 j 06:05	15°♒31'15	23°43'36
	-4460 Apr 15 j 15:38	0°♓	
morning set	-4460 Apr 28 j 04:29	23°♓18'49	
asc. node	-4460 Apr 29 j 11:11	26°♓00'36	
	-4460 May 01 j 08:02	0°♈	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4460 May 05 j 07:39	8°♈34'29	0°57'16
minimum elong	-4460 May 05 j 05:23	8°♈22'19	0°56'53
max. Earth dist.	-4460 May 07 j 08:40	12°♈56'13	1.33589 AU
evening rise	-4460 May 12 j 20:56	24°♈19'42	
	-4460 May 15 j 18:15	0°♉	
	-4460 Jun 02 j 17:23	0°♊	
desc. node	-4460 Jun 11 j 06:15	10°♊55'41	
evening max el	-4460 Jun 15 j 09:15	15°♊15'34	27°24'52
retrograde	-4460 Jun 29 j 00:50	22°♊39'57	
evening set	-4460 Jul 06 j 04:03	19°♊59'44	
min. Earth dist.	-4460 Jul 09 j 19:04	16°♊45'42	0.63684 AU
inferior conj	-4460 Jul 12 j 08:59	14°♊05'09	-3°-45'-15
minimum elong	-4460 Jul 12 j 12:24	13°♊56'13	3°44'25
morning rise	-4460 Jul 18 j 22:37	8°♊45'05	
direct	-4460 Jul 21 j 13:53	8°♊10'36	
asc. node	-4460 Jul 26 j 10:47	10°♊07'19	
morning max el	-4460 Jul 28 j 02:32	11°♊35'33	17°59'28
	-4460 Aug 09 j 14:21	0°♋	
morning set	-4460 Aug 14 j 04:08	7°♋54'26	
superior conj	-4460 Aug 26 j 17:23	29°♋10'35	1°08'42
minimum elong	-4460 Aug 26 j 23:17	29°♋34'50	1°08'15
	-4460 Aug 27 j 05:24	0°♌	
max. Earth dist.	-4460 Sep 01 j 11:45	8°♌32'14	1.43887 AU
desc. node	-4460 Sep 07 j 05:31	17°♌38'00	
evening rise	-4460 Sep 11 j 20:03	24°♌48'11	
	-4460 Sep 15 j 05:07	0°♍	
greatest brilliancy	-4460 Oct 03 j 16:03	27°♍04'17	-0.5m
	-4460 Oct 05 j 22:20	0°♎	
evening max el	-4460 Oct 09 j 20:16	4°♎30'16	20°34'10
retrograde	-4460 Oct 17 j 21:27	9°♎15'04	
evening set	-4460 Oct 21 j 15:37	7°♎53'47	
asc. node	-4460 Oct 22 j 09:42	7°♎17'49	
inferior conj	-4460 Oct 27 j 03:02	1°♎44'26	1°33'55
minimum elong	-4460 Oct 27 j 00:59	1°♎51'22	1°33'08
min. Earth dist.	-4460 Oct 27 j 18:26	0°♎52'19	0.66892 AU
	-4460 Oct 28 j 10:03	30°℞♍	
morning rise	-4460 Nov 01 j 09:53	25°♍27'15	
direct	-4460 Nov 06 j 20:56	23°♍06'11	
morning max el	-4460 Nov 18 j 03:30	29°♍49'10	24°29'53
	-4460 Nov 18 j 07:47	0°♎	
desc. node	-4460 Dec 04 j 05:33	20°♎06'25	
	-4460 Dec 10 j 21:13	0°♏	
morning set	-4460 Dec 24 j 00:29	21°♏31'28	
max. Earth dist.	-4460 Dec 27 j 20:18	28°♏19'54	1.37798 AU
	-4460 Dec 28 j 18:16	0°♐	
superior conj	-4459 Jan 03 j 15:40	11°♐05'07	-1°-48'-16
minimum elong	-4459 Jan 03 j 17:50	11°♐15'33	1°48'23
evening rise	-4459 Jan 12 j 06:34	28°♐05'45	
	-4459 Jan 13 j 05:41	0°♑	
asc. node	-4459 Jan 18 j 08:36	9°♑46'17	
evening max el	-4459 Jan 29 j 01:14	25°♑08'29	19°08'37
retrograde	-4459 Feb 06 j 18:44	29°♑18'42	
evening set	-4459 Feb 09 j 03:48	29°♑01'27	
inferior conj	-4459 Feb 17 j 06:06	24°♑48'25	3°08'22
minimum elong	-4459 Feb 17 j 10:56	24°♑40'03	3°07'07
min. Earth dist.	-4459 Feb 20 j 06:48	22°♑44'06	0.56999 AU
morning rise	-4459 Feb 25 j 14:21	19°♑50'58	
desc. node	-4459 Mar 02 j 04:50	18°♑51'01	
direct	-4459 Mar 02 j 16:29	18°♑50'28	
morning max el	-4459 Mar 16 j 21:03	26°♑07'19	25°19'46
	-4459 Mar 20 j 13:04	0°♒	
	-4459 Apr 08 j 14:07	0°♓	
morning set	-4459 Apr 12 j 16:44	8°♓22'15	
asc. node	-4459 Apr 16 j 08:09	16°♓09'13	

superior conj	-4459 Apr 19 j 17:47	23°♓33'16	0°34'42
minimum elong	-4459 Apr 19 j 16:19	23°♓25'15	0°34'21
max. Earth dist.	-4459 Apr 20 j 18:08	25°♓45'32	1.32931 AU
	-4459 Apr 22 j 17:17	0°♈	
evening rise	-4459 Apr 26 j 23:14	8°♈55'47	
	-4459 May 08 j 03:47	0°♉	
evening max el	-4459 May 28 j 16:30	27°♉51'55	27°14'26
desc. node	-4459 May 29 j 03:22	28°♉17'36	
	-4459 May 31 j 01:33	0°♊	
retrograde	-4459 Jun 11 j 14:21	5°♊15'28	
evening set	-4459 Jun 18 j 14:52	2°♊56'08	
min. Earth dist.	-4459 Jun 22 j 05:49	0°♊06'22	0.61875 AU
	-4459 Jun 22 j 08:42	30°℞♉	
inferior conj	-4459 Jun 25 j 08:19	27°♉15'06	-4°-9'-46
minimum elong	-4459 Jun 25 j 10:22	27°♉10'21	4°09'25
morning rise	-4459 Jul 02 j 08:33	22°♉15'35	
direct	-4459 Jul 04 j 21:17	21°♉47'47	
morning max el	-4459 Jul 11 j 16:44	25°♉12'42	17°58'45
asc. node	-4459 Jul 13 j 07:49	26°♉57'17	
	-4459 Jul 15 j 16:44	0°♊	
morning set	-4459 Jul 27 j 20:12	20°♊32'21	
	-4459 Aug 02 j 01:57	0°♋	
superior conj	-4459 Aug 07 j 16:16	9°♋50'36	1°35'11
minimum elong	-4459 Aug 07 j 20:38	10°♋09'24	1°35'04
max. Earth dist.	-4459 Aug 14 j 23:02	22°♋06'53	1.42502 AU
	-4459 Aug 19 j 19:52	0°♌	
evening rise	-4459 Aug 22 j 02:15	3°♌35'35	
desc. node	-4459 Aug 25 j 02:28	8°♌17'42	
	-4459 Sep 08 j 15:53	0°♍	
greatest brilliancy	-4459 Sep 17 j 19:06	12°♍19'00	-0.4m
evening max el	-4459 Sep 22 j 16:46	17°♍55'01	21°46'17
retrograde	-4459 Oct 01 j 17:39	23°♍17'07	
evening set	-4459 Oct 05 j 23:42	21°♍37'46	
asc. node	-4459 Oct 09 j 06:50	18°♍08'53	
inferior conj	-4459 Oct 11 j 08:42	15°♍21'16	0°42'22
minimum elong	-4459 Oct 11 j 07:43	15°♍24'37	0°42'02
min. Earth dist.	-4459 Oct 11 j 13:25	15°♍04'56	0.67295 AU
morning rise	-4459 Oct 16 j 15:30	9°♍03'45	
direct	-4459 Oct 21 j 11:15	7°♍03'41	
morning max el	-4459 Oct 31 j 13:32	13°♍05'26	23°03'40
greatest brilliancy	-4459 Nov 05 j 13:19	18°♍42'27	-0.3m
	-4459 Nov 14 j 02:35	0°♎	
desc. node	-4459 Nov 21 j 02:28	10°♎07'36	
	-4459 Dec 03 j 19:16	0°♏	
morning set	-4459 Dec 04 j 23:19	1°♏55'35	
max. Earth dist.	-4459 Dec 09 j 16:23	9°♏53'07	1.39852 AU
superior conj	-4459 Dec 17 j 08:49	23°♏33'36	-1°-53'-49
minimum elong	-4459 Dec 17 j 08:49	23°♏33'36	1°54'01
	-4459 Dec 20 j 19:56	0°♐	
evening rise	-4459 Dec 26 j 22:35	11°♐38'22	
asc. node	-4458 Jan 05 j 05:40	28°♐31'27	
	-4458 Jan 06 j 03:57	0°♑	
evening max el	-4458 Jan 12 j 04:06	7°♑42'35	18°29'22
retrograde	-4458 Jan 19 j 17:47	11°♑25'08	
evening set	-4458 Jan 22 j 05:23	11°♑02'29	
inferior conj	-4458 Jan 29 j 15:49	6°♑29'31	3°52'35
minimum elong	-4458 Jan 29 j 18:19	6°♑24'31	3°52'07
min. Earth dist.	-4458 Feb 02 j 00:57	3°♑48'21	0.58825 AU
morning rise	-4458 Feb 06 j 03:46	1°♑06'48	
	-4458 Feb 08 j 20:08	30°℞♐	
direct	-4458 Feb 12 j 08:42	29°♐27'49	
	-4458 Feb 15 j 22:45	0°♑	
desc. node	-4458 Feb 17 j 01:57	0°♑22'59	
morning max el	-4458 Feb 26 j 14:48	7°♑00'35	26°38'46
	-4458 Mar 15 j 18:51	0°♒	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4458 Mar 28 j 03:38	23°♒21'00		
	-4458 Mar 31 j 06:46	0°♓		
asc. node	-4458 Apr 03 j 05:07	6°♓22'27		
superior conj	-4458 Apr 04 j 05:25	8°♓35'24	0°10'33	
minimum elong	-4458 Apr 04 j 04:57	8°♓32'52	0°10'21	
behind sun begin	-4458 Apr 04 j 01:09	8°♓12'05		
behind sun end	-4458 Apr 04 j 08:45	8°♓53'38		
max. Earth dist.	-4458 Apr 04 j 07:07	8°♓44'42	1.32615 AU	
evening rise	-4458 Apr 11 j 06:41	23°♓46'21		
	-4458 Apr 14 j 07:56	0°♈		
	-4458 May 02 j 06:22	0°♉		
evening max el	-4458 May 10 j 18:21	9°♉48'17	26°31'23	
desc. node	-4458 May 16 j 00:30	14°♉04'44		
retrograde	-4458 May 24 j 20:15	17°♉08'15		
evening set	-4458 May 31 j 06:29	15°♉22'39		
min. Earth dist.	-4458 Jun 04 j 07:35	12°♉41'12	0.59854 AU	
inferior conj	-4458 Jun 07 j 16:36	9°♉58'47	-4°-15'-4	
minimum elong	-4458 Jun 07 j 15:55	10°♉00'09	4°14'56	
morning rise	-4458 Jun 15 j 04:55	5°♉21'03		
direct	-4458 Jun 17 j 16:21	4°♉58'30		
morning max el	-4458 Jun 25 j 03:35	8°♉34'37	18°17'18	
asc. node	-4458 Jun 30 j 04:50	14°♉45'32		
	-4458 Jul 09 j 01:31	0°♊		
morning set	-4458 Jul 11 j 03:35	3°♊55'49		
superior conj	-4458 Jul 20 j 16:37	21°♊46'49	1°47'34	
minimum elong	-4458 Jul 20 j 18:10	21°♊53'54	1°47'44	
	-4458 Jul 25 j 07:04	0°♋		
max. Earth dist.	-4458 Jul 28 j 04:16	4°♋59'21	1.40716 AU	
evening rise	-4458 Aug 02 j 03:01	13°♋16'29		
desc. node	-4458 Aug 11 j 23:26	28°♋49'51		
	-4458 Aug 12 j 17:56	0°♌		
greatest brilliancy	-4458 Aug 30 j 23:36	25°♌20'45	-0.2m	
	-4458 Sep 04 j 00:49	0°♍		
evening max el	-4458 Sep 05 j 07:42	1°♍20'07	23°05'46	
retrograde	-4458 Sep 15 j 11:19	7°♍21'05		
evening set	-4458 Sep 20 j 07:08	5°♍22'07		
	-4458 Sep 24 j 22:28	30°℞♌		
inferior conj	-4458 Sep 25 j 15:18	29°♌02'07	0°-10'-47	
minimum elong	-4458 Sep 25 j 15:33	29°♌01'16	0°10'34	
transit middle	-4458 Sep 25 j 15:33	29°♌01'16	0°10'34	
transit begin	-4458 Sep 25 j 13:29	29°♌08'22		
transit end	-4458 Sep 25 j 17:37	28°♌54'10		
min. Earth dist.	-4458 Sep 25 j 09:52	29°♌20'51	0.67400 AU	
asc. node	-4458 Sep 26 j 03:57	28°♌18'39		
morning rise	-4458 Sep 30 j 23:56	22°♌47'27		
direct	-4458 Oct 05 j 05:32	21°♌08'34		
morning max el	-4458 Oct 14 j 03:52	26°♌26'26	21°39'58	
	-4458 Oct 17 j 08:58	0°♍		
greatest brilliancy	-4458 Oct 19 j 05:07	2°♍14'41	-0.4m	
desc. node	-4458 Nov 07 j 23:23	0°♎26'20		
	-4458 Nov 07 j 16:29	0°♎		
morning set	-4458 Nov 14 j 17:45	10°♎58'33		
max. Earth dist.	-4458 Nov 21 j 17:07	22°♎15'56	1.41827 AU	
	-4458 Nov 26 j 07:40	0°♏		
superior conj	-4458 Nov 29 j 05:13	4°♏59'28	-1°-47'-43	
minimum elong	-4458 Nov 29 j 01:49	4°♏44'40	1°47'40	
evening rise	-4458 Dec 10 j 02:43	24°♏33'14		
	-4458 Dec 13 j 02:13	0°♐		
asc. node	-4458 Dec 23 j 02:46	16°♐36'48		
evening max el	-4458 Dec 26 j 13:09	20°♐40'32	18°10'10	
retrograde	-4457 Jan 02 j 09:52	24°♐10'07		
evening set	-4457 Jan 05 j 00:04	23°♐40'47		
inferior conj	-4457 Jan 11 j 20:59	18°♐45'46	4°04'26	
minimum elong	-4457 Jan 11 j 20:40	18°♐46'30	4°04'13	
min. Earth dist.	-4457 Jan 15 j 00:58	15°♐51'23	0.60830 AU	
morning rise	-4457 Jan 18 j 14:38	13°♐05'10		
direct	-4457 Jan 25 j 11:54	10°♐49'35		
desc. node	-4457 Feb 03 j 23:02	14°♐31'05		
morning max el	-4457 Feb 08 j 14:24	18°♐29'37	27°28'06	
	-4457 Feb 18 j 07:58	0°♑		
	-4457 Mar 08 j 09:56	0°♒		
morning set	-4457 Mar 12 j 11:23	8°♒08'24		
max. Earth dist.	-4457 Mar 18 j 20:01	21°♒40'59	1.32644 AU	
superior conj	-4457 Mar 19 j 16:54	23°♒34'51	0°-14'-22	
minimum elong	-4457 Mar 19 j 17:33	23°♒38'23	0°14'23	
behind sun begin	-4457 Mar 19 j 15:27	23°♒26'58		
behind sun end	-4457 Mar 19 j 19:38	23°♒49'49		
asc. node	-4457 Mar 21 j 02:07	26°♒36'14		
	-4457 Mar 22 j 15:29	0°♓		
evening rise	-4457 Mar 26 j 17:12	8°♓43'52		
	-4457 Apr 06 j 20:23	0°♈		
evening max el	-4457 Apr 22 j 14:14	21°♈04'21	25°19'47	
desc. node	-4457 May 02 j 21:40	27°♈41'44		
retrograde	-4457 May 06 j 16:00	28°♈15'01		
evening set	-4457 May 12 j 00:32	27°♈07'59		
min. Earth dist.	-4457 May 17 j 02:43	24°♈18'18	0.57872 AU	
inferior conj	-4457 May 20 j 06:24	22°♈07'00	-3°-51'-44	
minimum elong	-4457 May 20 j 02:18	22°♈14'10	3°51'05	
morning rise	-4457 May 28 j 08:11	17°♈50'06		
direct	-4457 May 30 j 19:06	17°♈31'38		
morning max el	-4457 Jun 08 j 08:07	21°♈32'09	18°55'57	
	-4457 Jun 15 j 00:56	0°♉		
asc. node	-4457 Jun 17 j 01:50	3°♉18'49		
morning set	-4457 Jun 24 j 22:05	17°♉54'36		
	-4457 Jul 01 j 01:55	0°♊		
superior conj	-4457 Jul 03 j 12:51	4°♊44'03	1°48'34	
minimum elong	-4457 Jul 03 j 12:04	4°♊40'21	1°48'45	
max. Earth dist.	-4457 Jul 10 j 06:05	17°♊11'39	1.38775 AU	
evening rise	-4457 Jul 14 j 06:08	24°♊14'18		
	-4457 Jul 17 j 15:41	0°♋		
desc. node	-4457 Jul 29 j 20:27	19°♋09'56		
	-4457 Aug 06 j 11:46	0°♌		
evening max el	-4457 Aug 18 j 19:17	14°♌47'54	24°26'15	
retrograde	-4457 Aug 30 j 01:16	21°♌23'29		
evening set	-4457 Sep 04 j 12:08	19°♌05'02		
min. Earth dist.	-4457 Sep 09 j 05:14	13°♌38'25	0.67211 AU	
inferior conj	-4457 Sep 09 j 21:07	12°♌45'00	-1°-3'-57	
minimum elong	-4457 Sep 09 j 22:36	12°♌40'01	1°03'12	
asc. node	-4457 Sep 13 j 01:05	8°♌45'50		
morning rise	-4457 Sep 15 j 09:18	6°♌36'32		
direct	-4457 Sep 19 j 02:33	5°♌17'08		
morning max el	-4457 Sep 27 j 00:55	9°♌55'10	20°25'14	
greatest brilliancy	-4457 Oct 03 j 14:44	17°♌52'33	-0.5m	
	-4457 Oct 12 j 02:20	0°♍		
morning set	-4457 Oct 24 j 17:31	19°♍12'54		
desc. node	-4457 Oct 25 j 20:16	20°♍56'45		
	-4457 Oct 31 j 14:37	0°♎		
max. Earth dist.	-4457 Nov 04 j 01:34	5°♎31'13	1.43444 AU	
superior conj	-4457 Nov 09 j 23:23	15°♎09'04	-1°-26'-19	
minimum elong	-4457 Nov 09 j 16:54	14°♎42'18	1°25'46	
	-4457 Nov 18 j 18:22	0°♏		
evening rise	-4457 Nov 22 j 14:45	6°♏40'49		
	-4457 Dec 06 j 18:54	0°♐		
asc. node	-4457 Dec 09 j 23:54	3°♐49'25		
evening max el	-4457 Dec 10 j 01:20	3°♐53'05	18°10'26	
retrograde	-4457 Dec 16 j 14:55	7°♐22'29		
evening set	-4457 Dec 19 j 08:12	6°♐45'24		
inferior conj	-4457 Dec 25 j 18:07	1°♐29'00	3°52'56	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4457 Dec 25 j 15:51	1°♐34'55	3°52'28
	-4457 Dec 27 j 03:57	30°℞♏	
min. Earth dist.	-4457 Dec 28 j 09:37	28°♏43'29	0.62722 AU
morning rise	-4457 Dec 31 j 21:41	25°♏35'17	
direct	-4456 Jan 07 j 23:26	22°♏55'09	
	-4456 Jan 21 j 04:04	0°♐	
desc. node	-4456 Jan 21 j 20:05	0°♐38'48	
morning max el	-4456 Jan 21 j 19:44	0°♐37'56	27°41'52
	-4456 Feb 12 j 08:44	0°♑	
morning set	-4456 Feb 24 j 13:46	22°♑36'14	
	-4456 Feb 28 j 03:52	0°♒	
max. Earth dist.	-4456 Mar 01 j 05:03	4°♒20'43	1.33029 AU
superior conj	-4456 Mar 03 j 02:32	8°♒25'06	0°-39'-10
minimum elong	-4456 Mar 03 j 04:15	8°♒34'24	0°39'00
asc. node	-4456 Mar 06 j 23:08	16°♒46'07	
evening rise	-4456 Mar 10 j 04:51	23°♒40'57	
	-4456 Mar 13 j 06:25	0°♓	
	-4456 Apr 01 j 09:53	0°♈	
evening max el	-4456 Apr 03 j 06:26	1°♈52'41	23°50'00
retrograde	-4456 Apr 16 j 23:23	8°♈42'41	
desc. node	-4456 Apr 18 j 18:50	8°♈35'20	
evening set	-4456 Apr 21 j 00:22	8°♈06'40	
min. Earth dist.	-4456 Apr 27 j 18:00	4°♈55'56	0.56250 AU
inferior conj	-4456 Apr 30 j 00:06	3°♈33'31	-2°-50'-36
minimum elong	-4456 Apr 29 j 18:18	3°♈42'23	2°49'07
	-4456 May 06 j 23:22	30°℞♓	
morning rise	-4456 May 08 j 15:55	29°♓32'24	
direct	-4456 May 11 j 03:12	29°♓16'41	
	-4456 May 15 j 02:38	0°♈	
morning max el	-4456 May 21 j 03:44	3°♈56'09	19°55'06
asc. node	-4456 Jun 02 j 22:51	22°♈26'23	
	-4456 Jun 06 j 20:30	0°♉	
morning set	-4456 Jun 08 j 00:28	2°♉20'12	
superior conj	-4456 Jun 15 j 23:38	18°♉27'32	1°41'03
minimum elong	-4456 Jun 15 j 21:28	18°♉16'44	1°41'04
max. Earth dist.	-4456 Jun 21 j 09:48	29°♉01'10	1.36921 AU
	-4456 Jun 21 j 22:15	0°♊	
evening rise	-4456 Jun 25 j 09:34	6°♊25'07	
	-4456 Jul 09 j 12:06	0°♋	
desc. node	-4456 Jul 15 j 17:30	9°♋12'11	
evening max el	-4456 Jul 31 j 05:58	28°♋18'52	25°40'07
	-4456 Aug 02 j 01:03	0°♌	
retrograde	-4456 Aug 12 j 10:51	5°♌20'42	
evening set	-4456 Aug 18 j 12:49	2°♌45'24	
	-4456 Aug 21 j 04:57	30°℞♋	
min. Earth dist.	-4456 Aug 22 j 21:04	27°♋56'19	0.66700 AU
inferior conj	-4456 Aug 24 j 00:23	26°♋28'35	-1°-55'-25
minimum elong	-4456 Aug 24 j 02:59	26°♋20'13	1°54'16
morning rise	-4456 Aug 29 j 17:45	20°♋29'37	
asc. node	-4456 Aug 29 j 22:11	20°♋22'46	
direct	-4456 Sep 02 j 00:46	19°♋26'52	
morning max el	-4456 Sep 09 j 05:15	23°♋33'17	19°23'39
	-4456 Sep 14 j 12:48	0°♌	
greatest brilliancy	-4456 Sep 19 j 00:45	6°♌25'34	-0.7m
morning set	-4456 Oct 02 j 21:15	27°♌45'50	
	-4456 Oct 04 j 07:36	0°♍	
desc. node	-4456 Oct 11 j 17:11	11°♍35'24	
max. Earth dist.	-4456 Oct 16 j 16:31	19°♍25'42	1.44482 AU
superior conj	-4456 Oct 19 j 14:42	24°♍04'20	0°-48'-33
minimum elong	-4456 Oct 19 j 09:00	23°♍41'39	0°47'51
	-4456 Oct 23 j 07:35	0°♎	
evening rise	-4456 Nov 03 j 06:03	17°♎52'43	
	-4456 Nov 10 j 13:37	0°♏	
evening max el	-4456 Nov 22 j 13:55	17°♏14'18	18°29'16
asc. node	-4456 Nov 25 j 21:01	19°♏55'07	
retrograde	-4456 Nov 29 j 04:43	20°♏54'04	
evening set	-4456 Dec 02 j 02:17	20°♏07'46	
inferior conj	-4456 Dec 08 j 03:30	14°♏32'25	3°25'30
minimum elong	-4456 Dec 08 j 00:23	14°♏41'28	3°24'41
min. Earth dist.	-4456 Dec 10 j 04:21	12°♏11'01	0.64333 AU
morning rise	-4456 Dec 13 j 21:10	8°♏28'33	
direct	-4456 Dec 20 j 18:03	5°♏38'51	
morning max el	-4455 Jan 03 j 04:44	13°♏19'27	27°20'32
desc. node	-4455 Jan 07 j 17:07	18°♏12'52	
	-4455 Jan 16 j 17:38	0°♐	
	-4455 Feb 03 j 21:30	0°♑	
morning set	-4455 Feb 07 j 07:59	6°♑35'12	
max. Earth dist.	-4455 Feb 12 j 06:16	16°♑31'19	1.33807 AU
superior conj	-4455 Feb 15 j 08:26	22°♑59'42	-1°-2'-50
minimum elong	-4455 Feb 15 j 11:02	23°♑13'28	1°02'35
	-4455 Feb 18 j 15:24	0°♒	
asc. node	-4455 Feb 21 j 20:09	6°♒47'41	
evening rise	-4455 Feb 22 j 15:51	8°♒31'01	
	-4455 Mar 06 j 03:00	0°♓	
evening max el	-4455 Mar 16 j 00:29	12°♓38'16	22°16'04
retrograde	-4455 Mar 28 j 18:57	18°♓50'49	
evening set	-4455 Mar 31 j 17:32	18°♓31'43	
desc. node	-4455 Apr 05 j 16:01	16°♓44'58	
min. Earth dist.	-4455 Apr 09 j 08:05	14°♓47'15	0.55315 AU
inferior conj	-4455 Apr 10 j 01:14	14°♓22'57	-1°-11'-52
minimum elong	-4455 Apr 09 j 22:00	14°♓27'33	1°10'52
morning rise	-4455 Apr 19 j 04:11	10°♓25'08	
direct	-4455 Apr 21 j 19:35	10°♓09'18	
morning max el	-4455 May 03 j 12:41	15°♓39'43	21°13'27
	-4455 May 14 j 08:37	0°♈	
asc. node	-4455 May 20 j 19:51	11°♈59'11	
morning set	-4455 May 23 j 08:05	17°♈04'33	
	-4455 May 29 j 12:59	0°♉	
superior conj	-4455 May 30 j 20:37	2°♉43'53	1°27'22
minimum elong	-4455 May 30 j 17:55	2°♉29'58	1°27'08
max. Earth dist.	-4455 Jun 03 j 20:39	10°♉51'53	1.35340 AU
evening rise	-4455 Jun 08 j 07:59	19°♉34'11	
	-4455 Jun 14 j 00:55	0°♊	
desc. node	-4455 Jul 02 j 14:36	28°♊47'47	
	-4455 Jul 03 j 12:25	0°♋	
evening max el	-4455 Jul 13 j 16:58	11°♋47'37	26°39'24
retrograde	-4455 Jul 26 j 15:38	19°♋05'39	
evening set	-4455 Aug 02 j 06:56	16°♋19'52	
min. Earth dist.	-4455 Aug 06 j 07:05	12°♋09'41	0.65827 AU
inferior conj	-4455 Aug 07 j 23:08	10°♋09'13	-2°-43'-19
minimum elong	-4455 Aug 08 j 02:33	9°♋58'55	2°42'03
morning rise	-4455 Aug 13 j 23:12	4°♋22'58	
direct	-4455 Aug 16 j 22:15	3°♋33'39	
asc. node	-4455 Aug 16 j 19:16	3°♋33'44	
morning max el	-4455 Aug 23 j 15:25	7°♋17'23	18°37'30
	-4455 Sep 08 j 08:45	0°♌	
morning set	-4455 Sep 12 j 23:20	7°♌25'59	
	-4455 Sep 27 j 03:00	0°♍	
superior conj	-4455 Sep 28 j 14:37	2°♍20'28	0°00'-7
minimum elong	-4455 Sep 28 j 14:36	2°♍20'24	0°00'01
behind sun begin	-4455 Sep 28 j 05:02	1°♍42'42	
behind sun end	-4455 Sep 29 j 00:10	2°♍58'06	
desc. node	-4455 Sep 28 j 14:08	2°♍18'34	
max. Earth dist.	-4455 Sep 29 j 10:11	3°♍37'37	1.44815 AU
evening rise	-4455 Oct 14 j 20:44	28°♍00'48	
	-4455 Oct 16 j 02:45	0°♎	
	-4455 Nov 05 j 09:20	0°♏	
evening max el	-4455 Nov 06 j 00:18	0°♏39'48	19°05'39

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

retrograde	-4455 Nov 12 j 23:33	4°♏38'53	
asc. node	-4455 Nov 12 j 18:06	4°♏38'36	
evening set	-4455 Nov 16 j 03:18	3°♏41'14	
	-4455 Nov 20 j 03:18	30°℞♎	
inferior conj	-4455 Nov 21 j 21:48	27°♎50'08	2°47'25
minimum elong	-4455 Nov 21 j 18:40	27°♎59'57	2°46'23
min. Earth dist.	-4455 Nov 23 j 08:35	26°♎01'06	0.65596 AU
morning rise	-4455 Nov 27 j 09:06	21°♎38'51	
direct	-4455 Dec 03 j 19:08	18°♎52'58	
morning max el	-4455 Dec 16 j 14:33	26°♎21'54	26°29'32
	-4455 Dec 20 j 00:17	0°♏	
desc. node	-4455 Dec 25 j 14:08	6°♏48'06	
	-4454 Jan 10 j 07:09	0°♐	
morning set	-4454 Jan 21 j 14:18	19°♐53'49	
max. Earth dist.	-4454 Jan 25 j 20:20	28°♐06'18	1.35022 AU
	-4454 Jan 26 j 19:14	0°♑	
superior conj	-4454 Jan 30 j 08:24	7°♑11'44	-1°-24'-4
minimum elong	-4454 Jan 30 j 11:27	7°♑27'29	1°23'54
evening rise	-4454 Feb 07 j 00:25	23°♑07'58	
asc. node	-4454 Feb 08 j 17:11	26°♑36'14	
	-4454 Feb 10 j 09:58	0°♒	
evening max el	-4454 Feb 26 j 02:20	23°♒46'45	20°50'24
retrograde	-4454 Mar 09 j 08:51	29°♒08'44	
evening set	-4454 Mar 11 j 18:27	28°♒55'04	
inferior conj	-4454 Mar 20 j 20:47	24°♒57'13	0°44'13
minimum elong	-4454 Mar 20 j 22:46	24°♒54'21	0°43'24
min. Earth dist.	-4454 Mar 21 j 22:24	24°♒20'24	0.55281 AU
desc. node	-4454 Mar 23 j 13:09	23°♒26'00	
morning rise	-4454 Mar 30 j 01:43	20°♒44'21	
direct	-4454 Apr 02 j 07:45	20°♒21'19	
morning max el	-4454 Apr 15 j 11:26	26°♒44'18	22°46'35
	-4454 Apr 18 j 14:26	0°♓	
	-4454 May 06 j 19:29	0°♈	
morning set	-4454 May 07 j 18:54	2°♈01'22	
asc. node	-4454 May 07 j 16:50	1°♈50'36	
superior conj	-4454 May 15 j 00:35	17°♈23'18	1°09'14
minimum elong	-4454 May 14 j 22:01	17°♈09'43	1°08'52
max. Earth dist.	-4454 May 17 j 17:21	23°♈03'50	1.34122 AU
	-4454 May 21 j 02:39	0°♉	
evening rise	-4454 May 22 j 20:20	3°♉27'10	
	-4454 Jun 06 j 20:15	0°♊	
desc. node	-4454 Jun 19 j 11:41	17°♊45'15	
evening max el	-4454 Jun 26 j 04:08	25°♊05'53	27°16'17
	-4454 Jul 02 j 05:46	0°♋	
retrograde	-4454 Jul 09 j 15:09	2°♋30'25	
	-4454 Jul 16 j 07:39	30°℞♊	
evening set	-4454 Jul 16 j 15:42	29°♊44'27	
min. Earth dist.	-4454 Jul 20 j 09:11	26°♊11'27	0.64575 AU
inferior conj	-4454 Jul 22 j 15:04	23°♊42'54	-3°-25'-13
minimum elong	-4454 Jul 22 j 18:45	23°♊32'45	3°24'08
morning rise	-4454 Jul 28 j 23:20	18°♊12'22	
direct	-4454 Jul 31 j 16:43	17°♊33'21	
asc. node	-4454 Aug 03 j 16:20	18°♊19'44	
morning max el	-4454 Aug 07 j 05:10	21°♊02'58	18°08'09
	-4454 Aug 14 j 00:49	0°♋	
morning set	-4454 Aug 25 j 04:38	18°♋24'07	
	-4454 Sep 01 j 03:15	0°♌	
superior conj	-4454 Sep 07 j 21:23	11°♌00'37	0°46'45
minimum elong	-4454 Sep 08 j 02:28	11°♌21'05	0°46'18
max. Earth dist.	-4454 Sep 12 j 03:24	17°♌48'13	1.44421 AU
desc. node	-4454 Sep 15 j 11:02	23°♌02'51	
	-4454 Sep 19 j 21:35	0°♍	
evening rise	-4454 Sep 24 j 11:54	7°♍08'39	
	-4454 Oct 09 j 12:02	0°♎	

greatest brilliancy	-4454 Oct 12 j 20:48	4°♎50'35	-0.6m
evening max el	-4454 Oct 20 j 06:23	14°♎06'29	19°57'56
retrograde	-4454 Oct 27 j 20:28	18°♎32'36	
asc. node	-4454 Oct 30 j 15:13	17°♎47'39	
evening set	-4454 Oct 31 j 08:41	17°♎20'53	
inferior conj	-4454 Nov 05 j 22:13	11°♎17'25	2°02'11
minimum elong	-4454 Nov 05 j 19:40	11°♎25'54	2°01'14
min. Earth dist.	-4454 Nov 06 j 20:22	10°♎04'04	0.66514 AU
morning rise	-4454 Nov 11 j 06:00	5°♎01'30	
direct	-4454 Nov 17 j 01:55	2°♎29'20	
morning max el	-4454 Nov 28 j 23:28	9°♎32'57	25°17'12
desc. node	-4454 Dec 12 j 11:05	26°♎06'02	
	-4454 Dec 15 j 05:02	0°♏	
	-4453 Jan 02 j 21:07	0°♐	
morning set	-4453 Jan 04 j 03:42	2°♐16'31	
max. Earth dist.	-4453 Jan 07 j 22:47	9°♐14'25	1.36680 AU
superior conj	-4453 Jan 13 j 23:30	20°♐52'01	-1°-41'-11
minimum elong	-4453 Jan 14 j 02:18	21°♐05'51	1°41'12
	-4453 Jan 18 j 12:41	0°♑	
evening rise	-4453 Jan 22 j 04:29	7°♑24'44	
asc. node	-4453 Jan 26 j 14:12	16°♑05'29	
	-4453 Feb 03 j 21:47	0°♒	
evening max el	-4453 Feb 08 j 14:35	5°♒29'28	19°40'24
retrograde	-4453 Feb 18 j 04:35	10°♒01'57	
evening set	-4453 Feb 20 j 12:38	9°♒47'01	
inferior conj	-4453 Mar 01 j 00:35	5°♒43'24	2°25'34
minimum elong	-4453 Mar 01 j 05:35	5°♒35'27	2°24'00
min. Earth dist.	-4453 Mar 03 j 12:57	4°♒08'05	0.56159 AU
morning rise	-4453 Mar 09 j 19:07	1°♒02'56	
desc. node	-4453 Mar 10 j 10:18	0°♒51'35	
direct	-4453 Mar 14 j 04:04	0°♒19'59	
morning max el	-4453 Mar 28 j 03:18	7°♒22'24	24°25'32
	-4453 Apr 13 j 13:04	0°♓	
morning set	-4453 Apr 22 j 07:06	17°♓03'42	
asc. node	-4453 Apr 24 j 13:49	21°♓54'07	
	-4453 Apr 28 j 07:47	0°♈	
superior conj	-4453 Apr 29 j 09:02	2°♈16'44	0°47'57
minimum elong	-4453 Apr 29 j 07:05	2°♈06'06	0°47'35
max. Earth dist.	-4453 Apr 30 j 22:59	5°♈41'09	1.33267 AU
evening rise	-4453 May 06 j 18:28	17°♈50'35	
	-4453 May 13 j 01:10	0°♉	
	-4453 Jun 01 j 08:19	0°♊	
desc. node	-4453 Jun 06 j 08:48	5°♊48'28	
evening max el	-4453 Jun 08 j 13:44	8°♊01'56	27°24'29
retrograde	-4453 Jun 22 j 08:36	15°♊26'19	
evening set	-4453 Jun 29 j 11:41	12°♊53'32	
min. Earth dist.	-4453 Jul 03 j 01:54	9°♊51'05	0.62951 AU
inferior conj	-4453 Jul 05 j 21:26	7°♊04'07	-3°-57'-33
minimum elong	-4453 Jul 06 j 00:26	6°♊56'39	3°56'55
morning rise	-4453 Jul 12 j 15:23	1°♊52'14	
direct	-4453 Jul 15 j 05:17	1°♊20'52	
asc. node	-4453 Jul 21 j 13:24	4°♊29'03	
morning max el	-4453 Jul 21 j 19:57	4°♊44'54	17°56'45
morning set	-4453 Aug 07 j 09:40	0°♋30'28	
	-4453 Aug 07 j 02:46	0°♋	
superior conj	-4453 Aug 19 j 04:10	20°♋52'45	1°21'47
minimum elong	-4453 Aug 19 j 09:45	21°♋16'09	1°21'27
	-4453 Aug 24 j 16:39	0°♌	
max. Earth dist.	-4453 Aug 25 j 17:43	1°♌41'40	1.43365 AU
desc. node	-4453 Sep 02 j 07:58	13°♌45'30	
evening rise	-4453 Sep 03 j 15:41	15°♌48'54	
	-4453 Sep 12 j 22:50	0°♍	
greatest brilliancy	-4453 Sep 27 j 18:52	21°♍06'22	-0.5m
evening max el	-4453 Oct 03 j 06:41	27°♍32'59	21°03'44

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4453 Oct 05 j 22:39	0°♎	
retrograde	-4453 Oct 11 j 17:23	2°♎32'47	
evening set	-4453 Oct 15 j 16:20	1°♎04'12	
	-4453 Oct 16 j 22:02	30°℞♍	
asc. node	-4453 Oct 17 j 12:20	29°♍23'31	
inferior conj	-4453 Oct 21 j 02:33	24°♍51'39	1°12'23
minimum elong	-4453 Oct 21 j 00:56	24°♍57'11	1°11'45
min. Earth dist.	-4453 Oct 21 j 13:22	24°♍14'38	0.67104 AU
morning rise	-4453 Oct 26 j 09:09	18°♍34'02	
direct	-4453 Oct 31 j 13:46	16°♍21'27	
morning max el	-4453 Nov 11 j 08:15	22°♍47'20	23°53'21
	-4453 Nov 17 j 16:08	0°♎	
desc. node	-4453 Nov 29 j 08:01	15°♎54'27	
	-4453 Dec 08 j 13:56	0°♏	
morning set	-4453 Dec 16 j 18:10	13°♏27'32	
max. Earth dist.	-4453 Dec 20 j 18:58	20°♏28'35	1.38666 AU
	-4453 Dec 26 j 00:51	0°♐	
superior conj	-4453 Dec 28 j 02:03	3°♐50'41	-1°-51'-50
minimum elong	-4453 Dec 28 j 03:28	3°♐57'23	1°52'00
evening rise	-4452 Jan 06 j 01:42	21°♐15'36	
	-4452 Jan 10 j 14:55	0°♑	
asc. node	-4452 Jan 13 j 11:14	5°♑08'59	
evening max el	-4452 Jan 22 j 12:44	17°♑46'32	18°49'28
retrograde	-4452 Jan 30 j 16:46	21°♑42'39	
evening set	-4452 Feb 02 j 03:06	21°♑23'08	
inferior conj	-4452 Feb 09 j 22:23	17°♑02'05	3°31'36
minimum elong	-4452 Feb 10 j 02:27	16°♑54'38	3°30'42
min. Earth dist.	-4452 Feb 13 j 04:43	14°♑39'39	0.57739 AU
morning rise	-4452 Feb 17 j 22:07	11°♑53'22	
direct	-4452 Feb 23 j 12:53	10°♑37'01	
desc. node	-4452 Feb 25 j 07:25	10°♑44'39	
morning max el	-4452 Mar 08 j 18:31	18°♑01'18	25°56'19
	-4452 Mar 18 j 17:30	0°♒	
	-4452 Apr 04 j 18:52	0°♓	
morning set	-4452 Apr 05 j 18:58	2°♓05'29	
asc. node	-4452 Apr 10 j 10:48	12°♓04'57	
superior conj	-4452 Apr 12 j 20:00	17°♓17'15	0°24'35
minimum elong	-4452 Apr 12 j 18:56	17°♓11'26	0°24'18
max. Earth dist.	-4452 Apr 13 j 10:29	18°♓36'18	1.32760 AU
	-4452 Apr 18 j 17:45	0°♈	
evening rise	-4452 Apr 19 j 23:16	2°♈33'45	
	-4452 May 04 j 23:07	0°♉	
evening max el	-4452 May 20 j 19:09	20°♉22'45	27°00'05
desc. node	-4452 May 23 j 05:57	22°♉34'08	
retrograde	-4452 Jun 03 j 18:48	27°♉44'14	
evening set	-4452 Jun 10 j 14:46	25°♉38'17	
min. Earth dist.	-4452 Jun 14 j 08:39	22°♉54'06	0.61031 AU
inferior conj	-4452 Jun 17 j 14:51	20°♉04'18	-4°-14'-54
minimum elong	-4452 Jun 17 j 15:53	20°♉02'00	4°14'43
morning rise	-4452 Jun 24 j 19:59	15°♉13'40	
direct	-4452 Jun 27 j 08:10	14°♉48'07	
morning max el	-4452 Jul 04 j 09:00	18°♉16'15	18°04'12
asc. node	-4452 Jul 07 j 10:28	21°♉45'34	
	-4452 Jul 12 j 20:40	0°♊	
morning set	-4452 Jul 20 j 08:53	13°♊29'47	
	-4452 Jul 29 j 09:53	0°♋	
superior conj	-4452 Jul 30 j 14:29	2°♋06'50	1°42'01
minimum elong	-4452 Jul 30 j 17:41	2°♋20'54	1°42'03
max. Earth dist.	-4452 Aug 07 j 02:58	15°♋01'44	1.41784 AU
evening rise	-4452 Aug 13 j 04:06	24°♋54'36	
	-4452 Aug 16 j 09:15	0°♌	
desc. node	-4452 Aug 19 j 04:56	4°♌22'44	
	-4452 Sep 05 j 21:28	0°♍	
greatest brilliancy	-4452 Sep 10 j 07:20	5°♍38'48	-0.3m
evening max el	-4452 Sep 15 j 00:44	10°♍58'04	22°19'31
retrograde	-4452 Sep 24 j 12:31	16°♍36'12	
evening set	-4452 Sep 29 j 00:21	14°♍48'28	
asc. node	-4452 Oct 03 j 09:29	9°♍50'25	
inferior conj	-4452 Oct 04 j 08:49	8°♍30'13	0°19'55
minimum elong	-4452 Oct 04 j 08:21	8°♍31'49	0°19'48
min. Earth dist.	-4452 Oct 04 j 09:10	8°♍29'00	0.67384 AU
morning rise	-4452 Oct 09 j 16:13	2°♍13'47	
direct	-4452 Oct 14 j 05:49	0°♍22'53	
morning max el	-4452 Oct 23 j 19:42	6°♍05'05	22°27'18
greatest brilliancy	-4452 Oct 28 j 12:42	11°♍23'52	-0.3m
	-4452 Nov 11 j 03:08	0°♎	
desc. node	-4452 Nov 15 j 04:55	6°♎03'50	
morning set	-4452 Nov 26 j 04:35	23°♎15'11	
	-4452 Nov 30 j 06:51	0°♏	
max. Earth dist.	-4452 Dec 01 j 16:52	2°♏22'59	1.40728 AU
superior conj	-4452 Dec 09 j 11:03	15°♏54'03	-1°-52'-53
minimum elong	-4452 Dec 09 j 09:43	15°♏48'03	1°53'01
	-4452 Dec 17 j 02:58	0°♐	
evening rise	-4452 Dec 19 j 13:05	4°♐33'01	
asc. node	-4452 Dec 30 j 08:19	23°♐38'19	
	-4451 Jan 04 j 06:06	0°♑	
evening max el	-4451 Jan 04 j 18:30	0°♑31'14	18°18'43
retrograde	-4451 Jan 11 j 23:38	4°♑06'46	
evening set	-4451 Jan 14 j 12:22	3°♑41'18	
	-4451 Jan 20 j 11:28	30°℞♐	
inferior conj	-4451 Jan 21 j 16:40	28°♐58'37	4°01'04
minimum elong	-4451 Jan 21 j 17:55	28°♐55'57	4°00'47
min. Earth dist.	-4451 Jan 25 j 00:43	26°♐09'09	0.59676 AU
morning rise	-4451 Jan 28 j 20:23	23°♐27'33	
direct	-4451 Feb 04 j 09:36	21°♐32'26	
desc. node	-4451 Feb 11 j 04:31	23°♐26'38	
morning max el	-4451 Feb 18 j 14:38	29°♐08'20	27°04'04
	-4451 Feb 19 j 11:26	0°♑	
	-4451 Mar 12 j 10:57	0°♒	
morning set	-4451 Mar 21 j 04:49	17°♒00'36	
	-4451 Mar 27 j 06:22	0°♓	
superior conj	-4451 Mar 28 j 07:47	2°♓18'59	0°00'00
minimum elong	-4451 Mar 28 j 07:47	2°♓19'00	0°00'06
behind sun begin	-4451 Mar 28 j 02:50	1°♓51'52	
behind sun end	-4451 Mar 28 j 12:45	2°♓46'09	
max. Earth dist.	-4451 Mar 28 j 00:07	1°♓37'05	1.32584 AU
asc. node	-4451 Mar 28 j 07:47	2°♓19'01	
evening rise	-4451 Apr 04 j 08:18	17°♓28'23	
	-4451 Apr 10 j 14:50	0°♈	
	-4451 Apr 30 j 18:11	0°♉	
evening max el	-4451 May 02 j 18:22	2°♉01'28	26°03'56
desc. node	-4451 May 10 j 03:07	7°♉31'15	
retrograde	-4451 May 16 j 20:29	9°♉18'17	
evening set	-4451 May 22 j 21:20	7°♉48'55	
min. Earth dist.	-4451 May 27 j 06:57	5°♉06'13	0.58988 AU
inferior conj	-4451 May 30 j 15:40	2°♉34'19	-4°-9'-19
minimum elong	-4451 May 30 j 13:32	2°♉38'24	4°09'04
	-4451 Jun 03 j 07:05	30°℞♈	
morning rise	-4451 Jun 07 j 09:34	28°♈06'01	
direct	-4451 Jun 09 j 20:54	27°♈45'14	
	-4451 Jun 15 j 23:06	0°♉	
morning max el	-4451 Jun 17 j 17:35	1°♉29'32	18°31'20
asc. node	-4451 Jun 24 j 07:30	9°♉54'51	
morning set	-4451 Jul 03 j 21:31	27°♉10'11	
	-4451 Jul 05 j 08:47	0°♊	
superior conj	-4451 Jul 13 j 00:08	14°♊32'02	1°49'12
minimum elong	-4451 Jul 13 j 00:36	14°♊34'12	1°49'24
max. Earth dist.	-4451 Jul 20 j 06:41	27°♊38'13	1.39894 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4451 Jul 21 j 15:25	0°♋	
evening rise	-4451 Jul 24 j 15:54	5°♋07'45	
desc. node	-4451 Aug 06 j 01:57	24°♋50'52	
	-4451 Aug 09 j 13:22	0°♌	
evening max el	-4451 Aug 28 j 13:51	24°♌24'06	23°40'07
	-4451 Sep 05 j 01:43	0°♍	
retrograde	-4451 Sep 08 j 04:48	0°♍40'39	
	-4451 Sep 11 j 02:41	30°℞♌	
evening set	-4451 Sep 13 j 07:01	28°♌32'58	
min. Earth dist.	-4451 Sep 18 j 05:24	22°♌46'14	0.67365 AU
inferior conj	-4451 Sep 18 j 15:19	22°♌12'22	0°-33'-26
minimum elong	-4451 Sep 18 j 16:06	22°♌09'43	0°32'59
asc. node	-4451 Sep 20 j 06:38	20°♌00'30	
morning rise	-4451 Sep 24 j 01:18	16°♌00'09	
direct	-4451 Sep 28 j 01:19	14°♌30'05	
morning max el	-4451 Oct 06 j 12:54	19°♌30'07	21°06'45
greatest brilliancy	-4451 Oct 12 j 02:32	26°♌01'06	-0.5m
	-4451 Oct 15 j 02:29	0°♍	
desc. node	-4451 Nov 02 j 01:49	26°♍28'13	
	-4451 Nov 04 j 08:29	0°♎	
morning set	-4451 Nov 05 j 13:01	1°♎51'20	
max. Earth dist.	-4451 Nov 13 j 21:05	15°♎10'05	1.42577 AU
superior conj	-4451 Nov 20 j 20:47	26°♎48'15	-1°-40'-39
minimum elong	-4451 Nov 20 j 15:51	26°♎27'18	1°40'24
	-4451 Nov 22 j 17:38	0°♏	
evening rise	-4451 Dec 02 j 10:57	17°♏09'10	
	-4451 Dec 09 j 16:59	0°♐	
asc. node	-4451 Dec 17 j 05:25	11°♐22'51	
evening max el	-4451 Dec 19 j 05:09	13°♐35'53	18°07'54
retrograde	-4451 Dec 25 j 21:56	17°♐04'22	
evening set	-4451 Dec 28 j 13:12	16°♐32'02	
inferior conj	-4450 Jan 04 j 05:08	11°♐27'38	4°01'56
minimum elong	-4450 Jan 04 j 03:51	11°♐30'45	4°01'39
min. Earth dist.	-4450 Jan 07 j 04:19	8°♐34'29	0.61655 AU
morning rise	-4450 Jan 10 j 16:12	5°♐40'38	
direct	-4450 Jan 17 j 16:30	3°♐12'53	
desc. node	-4450 Jan 29 j 01:35	8°♐30'08	
morning max el	-4450 Jan 31 j 17:08	10°♐55'20	27°38'32
	-4450 Feb 15 j 17:12	0°♑	
	-4450 Mar 04 j 14:43	0°♒	
morning set	-4450 Mar 05 j 10:35	1°♒40'58	
max. Earth dist.	-4450 Mar 11 j 11:52	14°♒28'09	1.32754 AU
superior conj	-4450 Mar 12 j 18:40	17°♒15'15	0°-24'-58
minimum elong	-4450 Mar 12 j 19:47	17°♒21'20	0°24'54
asc. node	-4450 Mar 15 j 04:46	22°♒31'35	
	-4450 Mar 18 j 15:51	0°♓	
evening rise	-4450 Mar 19 j 19:29	2°♓26'20	
	-4450 Apr 03 j 22:09	0°♈	
evening max el	-4450 Apr 14 j 11:54	13°♈02'28	24°43'03
desc. node	-4450 Apr 27 j 00:18	20°♈02'09	
retrograde	-4450 Apr 28 j 11:35	20°♈07'11	
evening set	-4450 May 03 j 06:48	19°♈14'41	
min. Earth dist.	-4450 May 09 j 00:04	16°♈17'24	0.57110 AU
inferior conj	-4450 May 11 j 20:52	14°♈24'50	-3°-30'-49
minimum elong	-4450 May 11 j 15:39	14°♈33'25	3°29'46
morning rise	-4450 May 20 j 04:43	10°♈16'00	
direct	-4450 May 22 j 15:26	9°♈59'03	
morning max el	-4450 May 31 j 18:43	14°♈14'19	19°18'43
asc. node	-4450 Jun 11 j 04:31	28°♈43'47	
	-4450 Jun 11 j 21:32	0°♉	
morning set	-4450 Jun 17 j 19:42	11°♉20'59	
superior conj	-4450 Jun 26 j 03:10	27°♉50'48	1°46'16
minimum elong	-4450 Jun 26 j 01:41	27°♉43'36	1°46'23
	-4450 Jun 27 j 05:49	0°♊	
max. Earth dist.	-4450 Jul 02 j 08:03	9°♊35'48	1.37957 AU
evening rise	-4450 Jul 06 j 05:52	16°♊37'51	
	-4450 Jul 14 j 03:46	0°♋	
desc. node	-4450 Jul 23 j 23:01	15°♋04'22	
	-4450 Aug 03 j 23:56	0°♌	
evening max el	-4450 Aug 11 j 00:37	7°♌52'58	24°58'54
retrograde	-4450 Aug 22 j 17:10	14°♌41'50	
evening set	-4450 Aug 28 j 10:29	12°♌15'36	
min. Earth dist.	-4450 Sep 01 j 23:40	7°♌04'33	0.67032 AU
inferior conj	-4450 Sep 02 j 20:18	5°♌56'15	-1°-26'-6
minimum elong	-4450 Sep 02 j 22:17	5°♌49'43	1°25'09
asc. node	-4450 Sep 07 j 03:45	0°♌52'39	
morning rise	-4450 Sep 08 j 10:30	29°♋51'21	
	-4450 Sep 08 j 05:34	30°℞♋	
direct	-4450 Sep 11 j 23:00	28°♋39'34	
	-4450 Sep 15 j 22:20	0°♌	
morning max el	-4450 Sep 19 j 13:11	3°♌03'35	19°57'13
greatest brilliancy	-4450 Sep 27 j 03:26	12°♌31'14	-0.6m
	-4450 Oct 08 j 22:15	0°♍	
morning set	-4450 Oct 15 j 11:34	10°♍05'56	
desc. node	-4450 Oct 19 j 22:44	17°♍03'00	
max. Earth dist.	-4450 Oct 27 j 08:07	28°♍42'48	1.43963 AU
	-4450 Oct 28 j 03:27	0°♎	
superior conj	-4450 Nov 01 j 03:10	6°♎25'22	-1°-12'-10
minimum elong	-4450 Oct 31 j 20:21	5°♎57'41	1°11'28
evening rise	-4450 Nov 14 j 14:50	28°♎54'53	
	-4450 Nov 15 j 06:05	0°♏	
evening max el	-4450 Dec 02 j 17:53	26°♏53'28	18°16'14
asc. node	-4450 Dec 04 j 02:32	28°♏09'30	
	-4450 Dec 07 j 01:36	0°♐	
retrograde	-4450 Dec 09 j 07:09	0°♐26'10	
	-4450 Dec 11 j 12:39	30°℞♏	
evening set	-4450 Dec 12 j 01:59	29°♏45'32	
inferior conj	-4450 Dec 18 j 07:58	24°♏21'01	3°42'52
minimum elong	-4450 Dec 18 j 05:13	24°♏28'34	3°42'15
min. Earth dist.	-4450 Dec 20 j 17:26	21°♏43'58	0.63447 AU
morning rise	-4450 Dec 24 j 06:50	18°♏22'33	
direct	-4450 Dec 31 j 07:31	15°♏36'08	
morning max el	-4449 Jan 14 j 00:22	23°♏19'40	27°36'47
desc. node	-4449 Jan 15 j 22:36	25°♏18'35	
	-4449 Jan 20 j 00:42	0°♐	
	-4449 Feb 08 j 22:28	0°♑	
morning set	-4449 Feb 17 j 09:51	15°♑58'07	
max. Earth dist.	-4449 Feb 22 j 17:49	26°♑55'59	1.33303 AU
	-4449 Feb 24 j 04:30	0°♒	
superior conj	-4449 Feb 25 j 02:57	2°♒00'02	0°-49'-24
minimum elong	-4449 Feb 25 j 05:05	2°♒11'26	0°49'12
asc. node	-4449 Mar 02 j 01:46	12°♒38'37	
evening rise	-4449 Mar 04 j 07:03	17°♒21'11	
	-4449 Mar 10 j 14:50	0°♓	
evening max el	-4449 Mar 27 j 04:09	23°♓46'25	23°09'49
	-4449 Apr 06 j 09:51	0°♈	
retrograde	-4449 Apr 09 j 13:48	0°♈22'41	
	-4449 Apr 12 j 18:59	30°℞♓	
evening set	-4449 Apr 13 j 01:55	29°♓55'49	
desc. node	-4449 Apr 13 j 21:27	29°♓42'16	
min. Earth dist.	-4449 Apr 20 j 14:57	26°♓32'18	0.55748 AU
inferior conj	-4449 Apr 22 j 06:39	25°♓34'05	-2°-12'-39
minimum elong	-4449 Apr 22 j 01:23	25°♓41'50	2°11'07
morning rise	-4449 May 01 j 03:50	21°♓35'57	
direct	-4449 May 03 j 15:51	21°♓20'47	
morning max el	-4449 May 14 j 09:54	26°♓21'31	20°26'12
	-4449 May 17 j 19:27	0°♈	
asc. node	-4449 May 29 j 01:30	18°♈02'43	
morning set	-4449 Jun 02 j 00:31	25°♈54'45	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4449 Jun 04 j 00:26	0°♉	
superior conj	-4449 Jun 09 j 18:40	11°♉49'01	1°35'54
minimum elong	-4449 Jun 09 j 16:11	11°♉36'25	1°35'47
max. Earth dist.	-4449 Jun 14 j 13:52	21°♉20'48	1.36208 AU
evening rise	-4449 Jun 18 j 18:01	29°♉15'06	
	-4449 Jun 19 j 03:45	0°♊	
	-4449 Jul 07 j 08:56	0°♋	
desc. node	-4449 Jul 10 j 20:06	4°♋56'12	
evening max el	-4449 Jul 24 j 11:27	21°♋23'55	26°07'44
retrograde	-4449 Aug 06 j 00:52	28°♋34'05	
evening set	-4449 Aug 12 j 08:39	25°♋53'38	
min. Earth dist.	-4449 Aug 16 j 13:25	21°♋20'45	0.66368 AU
inferior conj	-4449 Aug 17 j 21:54	19°♋38'56	-2°-16'-20
minimum elong	-4449 Aug 18 j 00:54	19°♋29'32	2°15'05
morning rise	-4449 Aug 23 j 17:54	13°♋44'43	
asc. node	-4449 Aug 25 j 00:51	13°♋07'40	
direct	-4449 Aug 26 j 21:14	12°♋48'01	
morning max el	-4449 Sep 02 j 20:07	16°♋43'59	19°01'58
	-4449 Sep 12 j 18:50	0°♌	
morning set	-4449 Sep 24 j 23:19	19°♌03'28	
	-4449 Oct 01 j 21:49	0°♍	
desc. node	-4449 Oct 06 j 19:39	7°♍43'53	
max. Earth dist.	-4449 Oct 10 j 00:22	12°♍46'10	1.44713 AU
superior conj	-4449 Oct 11 j 09:43	14°♍57'51	0°-28'-42
minimum elong	-4449 Oct 11 j 06:03	14°♍43'21	0°28'10
	-4449 Oct 20 j 20:25	0°♎	
evening rise	-4449 Oct 26 j 19:56	9°♎40'01	
	-4449 Nov 08 j 11:44	0°♏	
evening max el	-4449 Nov 16 j 05:54	10°♏17'33	18°42'42
asc. node	-4449 Nov 20 j 23:39	13°♏42'22	
retrograde	-4449 Nov 22 j 23:20	14°♏04'07	
evening set	-4449 Nov 25 j 23:21	13°♏13'15	
inferior conj	-4449 Dec 01 j 21:30	7°♏31'03	3°10'22
minimum elong	-4449 Dec 01 j 18:17	7°♏40'42	3°09'26
min. Earth dist.	-4449 Dec 03 j 16:17	5°♏22'42	0.64922 AU
morning rise	-4449 Dec 07 j 12:06	1°♏23'57	
	-4449 Dec 09 j 09:59	30°℞♎	
direct	-4449 Dec 14 j 05:07	28°♎34'12	
	-4449 Dec 19 j 11:01	0°♏	
morning max el	-4449 Dec 27 j 09:44	6°♏10'48	27°01'54
desc. node	-4448 Jan 02 j 19:35	13°♏21'09	
	-4448 Jan 14 j 19:18	0°♐	
morning set	-4448 Jan 31 j 23:29	29°♐41'06	
	-4448 Feb 01 j 03:23	0°♑	
max. Earth dist.	-4448 Feb 05 j 14:21	8°♑50'24	1.34273 AU
superior conj	-4448 Feb 09 j 06:38	16°♑25'57	-1°-12'-13
minimum elong	-4448 Feb 09 j 09:29	16°♑40'56	1°12'00
	-4448 Feb 15 j 17:02	0°♒	
evening rise	-4448 Feb 16 j 17:13	2°♒06'14	
asc. node	-4448 Feb 16 j 22:47	2°♒35'08	
	-4448 Mar 03 j 19:47	0°♓	
evening max el	-4448 Mar 08 j 01:04	4°♓39'26	21°38'02
retrograde	-4448 Mar 20 j 05:11	10°♓30'32	
evening set	-4448 Mar 22 j 20:37	10°♓14'49	
desc. node	-4448 Mar 30 j 18:34	6°♓59'32	
inferior conj	-4448 Apr 01 j 03:39	6°♓13'16	0°-22'-50
minimum elong	-4448 Apr 01 j 02:35	6°♓14'46	0°22'35
min. Earth dist.	-4448 Apr 01 j 04:59	6°♓11'24	0.55189 AU
morning rise	-4448 Apr 10 j 08:52	2°♓11'11	
direct	-4448 Apr 13 j 05:14	1°♓53'15	
morning max el	-4448 Apr 25 j 14:05	7°♓46'47	21°51'39
	-4448 May 11 j 00:04	0°♈	
asc. node	-4448 May 14 j 22:29	7°♈44'08	
morning set	-4448 May 16 j 09:44	10°♈45'05	
superior conj	-4448 May 23 j 18:55	26°♈15'55	1°20'07
minimum elong	-4448 May 23 j 16:13	26°♈01'45	1°19'50
	-4448 May 25 j 14:02	0°♉	
max. Earth dist.	-4448 May 27 j 05:06	3°♉20'17	1.34778 AU
evening rise	-4448 May 31 j 22:56	12°♉44'34	
	-4448 Jun 10 j 11:49	0°♊	
desc. node	-4448 Jun 26 j 17:11	24°♊17'12	
	-4448 Jul 01 j 09:25	0°♋	
evening max el	-4448 Jul 05 j 22:53	4°♋50'27	26°58'23
retrograde	-4448 Jul 19 j 03:14	12°♋11'25	
evening set	-4448 Jul 25 j 23:08	9°♋24'22	
min. Earth dist.	-4448 Jul 29 j 20:20	5°♋30'20	0.65340 AU
inferior conj	-4448 Jul 31 j 18:04	3°♋17'28	-3°-2'-2
minimum elong	-4448 Jul 31 j 21:41	3°♋06'57	3°00'47
	-4448 Aug 03 j 18:25	30°℞♊	
morning rise	-4448 Aug 06 j 21:24	27°♊37'21	
direct	-4448 Aug 09 j 17:52	26°♊52'35	
asc. node	-4448 Aug 10 j 21:56	27°♊00'03	
	-4448 Aug 15 j 20:15	0°♋	
morning max el	-4448 Aug 16 j 08:03	0°♋29'05	18°22'55
morning set	-4448 Sep 04 j 13:10	29°♋17'56	
	-4448 Sep 04 j 23:25	0°♌	
superior conj	-4448 Sep 19 j 09:41	23°♌16'03	0°20'43
minimum elong	-4448 Sep 19 j 12:18	23°♌26'26	0°20'30
max. Earth dist.	-4448 Sep 21 j 18:47	27°♌01'55	1.44739 AU
desc. node	-4448 Sep 22 j 16:36	28°♌28'00	
	-4448 Sep 23 j 15:57	0°♍	
evening rise	-4448 Oct 06 j 00:01	19°♍21'12	
	-4448 Oct 12 j 19:24	0°♎	
greatest brilliancy	-4448 Oct 20 j 06:40	11°♎26'35	-0.7m
evening max el	-4448 Oct 29 j 14:46	23°♎44'16	19°25'59
retrograde	-4448 Nov 05 j 19:21	27°♎53'33	
asc. node	-4448 Nov 06 j 20:46	27°♎47'04	
evening set	-4448 Nov 09 j 02:32	26°♎50'03	
inferior conj	-4448 Nov 14 j 18:43	20°♎53'11	2°28'55
minimum elong	-4448 Nov 14 j 15:46	21°♎02'40	2°27'54
min. Earth dist.	-4448 Nov 15 j 23:51	19°♎19'28	0.66037 AU
morning rise	-4448 Nov 20 j 04:14	14°♎39'50	
direct	-4448 Nov 26 j 08:33	11°♎59'02	
morning max el	-4448 Dec 08 j 19:14	19°♎17'56	26°00'47
	-4448 Dec 17 j 23:23	0°♏	
desc. node	-4448 Dec 19 j 16:35	2°♏16'13	
	-4447 Jan 06 j 20:33	0°♐	
morning set	-4447 Jan 13 j 23:15	12°♐37'29	
max. Earth dist.	-4447 Jan 17 j 23:28	20°♐12'26	1.35689 AU
	-4447 Jan 22 j 22:10	0°♑	
superior conj	-4447 Jan 23 j 03:13	0°♑25'31	-1°-31'-58
minimum elong	-4447 Jan 23 j 06:17	0°♑41'01	1°31'51
evening rise	-4447 Jan 31 j 00:08	16°♑35'29	
asc. node	-4447 Feb 02 j 19:47	22°♑16'08	
	-4447 Feb 06 j 21:35	0°♒	
evening max el	-4447 Feb 18 j 07:08	16°♒01'13	20°18'15
retrograde	-4447 Feb 28 j 19:59	21°♒01'10	
evening set	-4447 Mar 03 j 04:10	20°♒47'24	
inferior conj	-4447 Mar 12 j 01:00	16°♒48'35	1°30'46
minimum elong	-4447 Mar 12 j 04:46	16°♒42'59	1°29'25
min. Earth dist.	-4447 Mar 13 j 18:57	15°♒46'25	0.55556 AU
desc. node	-4447 Mar 17 j 15:43	13°♒42'10	
morning rise	-4447 Mar 21 j 03:02	12°♒25'19	
direct	-4447 Mar 24 j 19:25	11°♒55'41	
morning max el	-4447 Apr 07 j 09:10	18°♒36'47	23°28'51
	-4447 Apr 16 j 17:17	0°♓	
morning set	-4447 Apr 30 j 21:21	25°♓45'03	
asc. node	-4447 May 01 j 19:27	27°♓41'13	
	-4447 May 02 j 21:37	0°♈	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4447 May 08 j 01:03	11°♈01'56	1°00'30
minimum elong	-4447 May 07 j 22:41	10°♈49'20	1°00'08
max. Earth dist.	-4447 May 10 j 06:06	15°♈44'09	1.33712 AU
evening rise	-4447 May 15 j 15:51	26°♈51'31	
	-4447 May 17 j 06:04	0°♉	
	-4447 Jun 03 j 19:29	0°♊	
desc. node	-4447 Jun 13 j 14:17	12°♊53'45	
evening max el	-4447 Jun 18 j 09:35	18°♊00'20	27°23'36
retrograde	-4447 Jul 02 j 00:03	25°♊24'59	
evening set	-4447 Jul 09 j 02:53	22°♊42'43	
min. Earth dist.	-4447 Jul 12 j 18:22	19°♊24'09	0.63928 AU
inferior conj	-4447 Jul 15 j 06:16	16°♊46'15	-3°-40'-22
minimum elong	-4447 Jul 15 j 09:48	16°♊36'55	3°39'28
morning rise	-4447 Jul 21 j 18:29	11°♊23'31	
direct	-4447 Jul 24 j 10:15	10°♊47'56	
asc. node	-4447 Jul 28 j 19:00	12°♊23'09	
morning max el	-4447 Jul 30 j 22:35	14°♊13'43	18°01'09
	-4447 Aug 10 j 22:02	0°♋	
morning set	-4447 Aug 17 j 05:09	10°♋46'31	
	-4447 Aug 28 j 14:31	0°♌	
superior conj	-4447 Aug 30 j 01:21	2°♌22'50	1°03'25
minimum elong	-4447 Aug 30 j 07:11	2°♌46'41	1°02'55
max. Earth dist.	-4447 Sep 04 j 11:25	11°♌08'17	1.44046 AU
desc. node	-4447 Sep 09 j 13:33	19°♌11'45	
evening rise	-4447 Sep 15 j 08:09	28°♌11'19	
	-4447 Sep 16 j 12:19	0°♍	
greatest brilliancy	-4447 Oct 06 j 07:27	29°♍19'28	-0.6m
	-4447 Oct 06 j 19:32	0°♎	
evening max el	-4447 Oct 12 j 18:27	7°♎10'25	20°24'23
retrograde	-4447 Oct 20 j 16:38	11°♎50'22	
evening set	-4447 Oct 24 j 09:10	10°♎31'39	
asc. node	-4447 Oct 24 j 17:53	10°♎15'19	
inferior conj	-4447 Oct 29 j 21:04	4°♎23'36	1°41'32
minimum elong	-4447 Oct 29 j 18:52	4°♎31'00	1°40'40
min. Earth dist.	-4447 Oct 30 j 14:10	3°♎26'00	0.66800 AU
	-4447 Nov 02 j 07:23	30°℞♍	
morning rise	-4447 Nov 04 j 04:05	28°♍06'36	
direct	-4447 Nov 09 j 17:24	25°♍42'35	
	-4447 Nov 18 j 11:27	0°♎	
morning max el	-4447 Nov 21 j 04:06	2°♎31'30	24°42'28
desc. node	-4447 Dec 06 j 13:33	21°♎48'21	
	-4447 Dec 12 j 03:17	0°♏	
morning set	-4447 Dec 27 j 03:46	24°♏32'20	
	-4447 Dec 30 j 05:07	0°♐	
max. Earth dist.	-4447 Dec 30 j 22:50	1°♐20'43	1.37496 AU
superior conj	-4446 Jan 06 j 13:33	13°♐49'47	-1°-46'-40
minimum elong	-4446 Jan 06 j 15:55	14°♐01'18	1°46'44
	-4446 Jan 14 j 17:06	0°♑	
evening rise	-4446 Jan 15 j 01:41	0°♑42'47	
asc. node	-4446 Jan 20 j 16:50	11°♑35'49	
evening max el	-4446 Jan 31 j 23:46	27°♑59'23	19°16'14
	-4446 Feb 03 j 10:11	0°♒	
retrograde	-4446 Feb 09 j 22:25	2°♒15'03	
evening set	-4446 Feb 12 j 07:05	1°♒58'32	
	-4446 Feb 17 j 00:53	30°℞♑	
inferior conj	-4446 Feb 20 j 11:54	27°♑48'13	2°58'19
minimum elong	-4446 Feb 20 j 16:54	27°♑39'46	2°56'57
min. Earth dist.	-4446 Feb 23 j 09:58	25°♑50'55	0.56760 AU
morning rise	-4446 Feb 28 j 22:59	22°♑54'55	
desc. node	-4446 Mar 04 j 12:50	22°♑03'32	
direct	-4446 Mar 05 j 20:36	21°♑59'25	
morning max el	-4446 Mar 20 j 00:19	29°♑13'17	25°06'07
	-4446 Mar 20 j 19:21	0°♒	
	-4446 Apr 10 j 00:59	0°♓	
morning set	-4446 Apr 15 j 09:39	10°♓48'33	
asc. node	-4446 Apr 18 j 16:27	17°♓48'49	
superior conj	-4446 Apr 22 j 10:51	25°♓59'48	0°38'15
minimum elong	-4446 Apr 22 j 09:14	25°♓51'02	0°37'54
max. Earth dist.	-4446 Apr 23 j 14:38	28°♓30'28	1.33007 AU
	-4446 Apr 24 j 07:13	0°♈	
evening rise	-4446 Apr 29 j 17:12	11°♈24'44	
	-4446 May 09 j 11:56	0°♉	
desc. node	-4446 May 31 j 11:23	0°♊27'10	
	-4446 May 31 j 00:18	0°♊	
evening max el	-4446 May 31 j 17:29	0°♊41'50	27°18'02
retrograde	-4446 Jun 14 j 14:43	8°♊05'55	
evening set	-4446 Jun 21 j 16:13	5°♊42'34	
min. Earth dist.	-4446 Jun 25 j 06:40	2°♊50'00	0.62164 AU
inferior conj	-4446 Jun 28 j 07:31	29°♉59'10	-4°-7'-9
minimum elong	-4446 Jun 28 j 09:53	29°♉53'38	4°06'44
	-4446 Jun 28 j 07:11	30°℞♉	
morning rise	-4446 Jul 05 j 06:06	24°♉56'25	
direct	-4446 Jul 07 j 19:02	24°♉27'49	
morning max el	-4446 Jul 14 j 13:03	27°♉52'15	17°57'35
asc. node	-4446 Jul 15 j 16:05	29°♉02'53	
	-4446 Jul 16 j 11:50	0°♊	
morning set	-4446 Jul 30 j 18:30	23°♊16'17	
	-4446 Aug 03 j 12:20	0°♋	
superior conj	-4446 Aug 10 j 20:04	12°♋50'13	1°32'08
minimum elong	-4446 Aug 11 j 00:48	13°♋10'31	1°31'58
max. Earth dist.	-4446 Aug 17 j 23:19	24°♋47'16	1.42740 AU
	-4446 Aug 21 j 04:29	0°♌	
evening rise	-4446 Aug 25 j 12:59	6°♌54'32	
desc. node	-4446 Aug 27 j 10:30	9°♌52'10	
	-4446 Sep 09 j 19:53	0°♍	
greatest brilliancy	-4446 Sep 20 j 15:26	14°♍49'09	-0.4m
evening max el	-4446 Sep 25 j 15:54	20°♍35'15	21°35'04
retrograde	-4446 Oct 04 j 13:05	25°♍51'41	
evening set	-4446 Oct 08 j 17:12	24°♍15'16	
asc. node	-4446 Oct 11 j 15:02	21°♍16'47	
inferior conj	-4446 Oct 14 j 02:27	17°♍59'40	0°50'22
minimum elong	-4446 Oct 14 j 01:19	18°♍03'37	0°49'56
min. Earth dist.	-4446 Oct 14 j 08:46	17°♍37'56	0.67250 AU
morning rise	-4446 Oct 19 j 09:08	11°♍41'56	
direct	-4446 Oct 24 j 07:09	9°♍38'32	
morning max el	-4446 Nov 03 j 13:42	15°♍46'56	23°16'31
greatest brilliancy	-4446 Nov 08 j 21:53	21°♍48'53	-0.3m
	-4446 Nov 15 j 04:43	0°♎	
desc. node	-4446 Nov 23 j 10:29	11°♎46'13	
	-4446 Dec 05 j 03:52	0°♏	
morning set	-4446 Dec 08 j 06:47	5°♏08'43	
max. Earth dist.	-4446 Dec 12 j 18:29	12°♏46'58	1.39540 AU
superior conj	-4446 Dec 20 j 09:18	26°♏26'23	-1°-53'-41
minimum elong	-4446 Dec 20 j 09:43	26°♏28'19	1°53'52
	-4446 Dec 22 j 07:09	0°♐	
evening rise	-4446 Dec 29 j 19:09	14°♐20'11	
	-4445 Jan 07 j 07:38	0°♑	
asc. node	-4445 Jan 07 j 13:54	0°♑26'06	
evening max el	-4445 Jan 15 j 01:33	10°♑29'32	18°33'59
retrograde	-4445 Jan 22 j 18:36	14°♑15'00	
evening set	-4445 Jan 25 j 05:53	13°♑53'12	
inferior conj	-4445 Feb 01 j 18:33	9°♑23'34	3°48'09
minimum elong	-4445 Feb 01 j 21:29	9°♑17'49	3°47'34
min. Earth dist.	-4445 Feb 05 j 03:29	6°♑46'28	0.58536 AU
morning rise	-4445 Feb 09 j 09:32	4°♑04'13	
direct	-4445 Feb 15 j 11:10	2°♑31'03	
desc. node	-4445 Feb 19 j 09:57	3°♑09'36	
morning max el	-4445 Mar 01 j 17:15	10°♑02'02	26°28'33
	-4445 Mar 17 j 00:11	0°♒	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4445 Mar 30 j 20:53	25°♒48'12	
	-4445 Apr 01 j 20:31	0°♓	
asc. node	-4445 Apr 05 j 13:26	8°♓01'26	
superior conj	-4445 Apr 06 j 22:24	11°♓01'44	0°14'16
minimum elong	-4445 Apr 06 j 21:46	10°♓58'19	0°14'04
behind sun begin	-4445 Apr 06 j 19:30	10°♓45'55	
behind sun end	-4445 Apr 07 j 00:02	11°♓10'42	
max. Earth dist.	-4445 Apr 07 j 03:19	11°♓28'38	1.32645 AU
evening rise	-4445 Apr 14 j 00:05	26°♓13'41	
	-4445 Apr 15 j 20:08	0°♈	
	-4445 May 03 j 04:37	0°♉	
evening max el	-4445 May 13 j 20:22	12°♉44'48	26°39'47
desc. node	-4445 May 18 j 08:32	16°♉30'42	
retrograde	-4445 May 27 j 21:52	20°♉05'15	
evening set	-4445 Jun 03 j 10:57	18°♉14'15	
min. Earth dist.	-4445 Jun 07 j 09:48	15°♉32'31	0.60160 AU
inferior conj	-4445 Jun 10 j 18:19	12°♉47'33	-4°-15'-57
minimum elong	-4445 Jun 10 j 18:08	12°♉47'56	4°15'49
morning rise	-4445 Jun 18 j 04:43	8°♉06'24	
direct	-4445 Jun 20 j 16:18	7°♉43'07	
morning max el	-4445 Jun 28 j 00:34	11°♉16'54	18°13'15
asc. node	-4445 Jul 02 j 13:08	16°♉43'22	
	-4445 Jul 10 j 11:27	0°♊	
morning set	-4445 Jul 13 j 23:59	6°♊34'11	
superior conj	-4445 Jul 23 j 17:00	24°♊36'14	1°46'29
minimum elong	-4445 Jul 23 j 18:59	24°♊45'09	1°46'38
	-4445 Jul 26 j 17:35	0°♋	
max. Earth dist.	-4445 Jul 31 j 05:34	7°♋47'11	1.41001 AU
evening rise	-4445 Aug 05 j 10:19	16°♋25'53	
desc. node	-4445 Aug 14 j 07:29	0°♌25'57	
	-4445 Aug 14 j 00:41	0°♌	
greatest brilliancy	-4445 Sep 03 j 07:39	28°♌24'44	-0.3m
	-4445 Sep 04 j 15:38	0°♍	
evening max el	-4445 Sep 08 j 07:39	4°♍00'37	22°53'43
retrograde	-4445 Sep 18 j 07:08	9°♍55'36	
evening set	-4445 Sep 23 j 00:50	7°♍59'38	
inferior conj	-4445 Sep 28 j 09:02	1°♍40'04	0°-2'-41
minimum elong	-4445 Sep 28 j 09:06	1°♍39'52	0°02'34
transit middle	-4445 Sep 28 j 09:06	1°♍39'52	0°02'34
transit begin	-4445 Sep 28 j 06:26	1°♍49'04	
transit end	-4445 Sep 28 j 11:46	1°♍30'41	
min. Earth dist.	-4445 Sep 28 j 05:08	1°♍53'32	0.67407 AU
asc. node	-4445 Sep 28 j 12:12	1°♍29'12	
	-4445 Sep 29 j 14:20	30°℞♌	
morning rise	-4445 Oct 03 j 17:18	25°♌24'50	
direct	-4445 Oct 08 j 00:58	23°♌42'46	
morning max el	-4445 Oct 17 j 03:07	29°♌06'43	21°51'57
	-4445 Oct 17 j 23:33	0°♍	
greatest brilliancy	-4445 Oct 22 j 01:09	4°♍43'48	-0.4m
	-4445 Nov 08 j 23:07	0°♎	
desc. node	-4445 Nov 10 j 07:24	2°♎02'35	
morning set	-4445 Nov 18 j 05:07	14°♎22'00	
max. Earth dist.	-4445 Nov 24 j 18:17	25°♎01'37	1.41553 AU
	-4445 Nov 27 j 17:21	0°♏	
superior conj	-4445 Dec 02 j 09:08	8°♏02'07	-1°-49'-33
minimum elong	-4445 Dec 02 j 06:18	7°♏49'38	1°49'34
evening rise	-4445 Dec 13 j 01:16	27°♏20'39	
	-4445 Dec 14 j 11:51	0°♐	
asc. node	-4445 Dec 25 j 11:00	18°♐37'44	
evening max el	-4445 Dec 29 j 09:51	23°♐23'56	18°11'47
retrograde	-4444 Jan 05 j 08:21	26°♐54'30	
evening set	-4444 Jan 07 j 22:13	26°♐26'09	
inferior conj	-4444 Jan 14 j 20:57	21°♐34'16	4°04'20
minimum elong	-4444 Jan 14 j 21:01	21°♐34'07	4°04'07
min. Earth dist.	-4444 Jan 18 j 02:16	18°♐40'29	0.60535 AU
morning rise	-4444 Jan 21 j 17:06	15°♐56'05	
direct	-4444 Jan 28 j 12:43	13°♐45'29	
desc. node	-4444 Feb 06 j 07:03	16°♐55'43	
morning max el	-4444 Feb 11 j 15:48	21°♐24'16	27°22'59
	-4444 Feb 19 j 04:40	0°♑	
	-4444 Mar 08 j 21:05	0°♒	
morning set	-4444 Mar 14 j 05:14	10°♒37'27	
max. Earth dist.	-4444 Mar 20 j 16:33	24°♒26'21	1.32620 AU
superior conj	-4444 Mar 21 j 10:00	26°♒01'39	0°-10'-34
minimum elong	-4444 Mar 21 j 10:29	26°♒04'16	0°10'37
behind sun begin	-4444 Mar 21 j 06:44	25°♒43'47	
behind sun end	-4444 Mar 21 j 14:14	26°♒24'45	
asc. node	-4444 Mar 22 j 10:24	28°♒15'03	
	-4444 Mar 23 j 05:37	0°♓	
evening rise	-4444 Mar 28 j 10:16	11°♓10'29	
	-4444 Apr 07 j 03:24	0°♈	
evening max el	-4444 Apr 24 j 17:08	24°♈06'28	25°31'53
	-4444 May 02 j 23:46	0°♉	
desc. node	-4444 May 04 j 05:43	0°♉29'48	
retrograde	-4444 May 08 j 19:07	1°♉18'44	
evening set	-4444 May 14 j 08:10	0°♉06'06	
	-4444 May 14 j 13:47	30°℞♈	
min. Earth dist.	-4444 May 19 j 05:36	27°♈18'42	0.58153 AU
inferior conj	-4444 May 22 j 11:03	25°♈01'32	-3°-57'-37
minimum elong	-4444 May 22 j 07:27	25°♈07'59	3°57'05
morning rise	-4444 May 30 j 10:44	20°♈41'43	
direct	-4444 Jun 01 j 21:50	20°♈22'37	
morning max el	-4444 Jun 10 j 06:13	24°♈18'28	18°48'57
	-4444 Jun 15 j 01:39	0°♉	
asc. node	-4444 Jun 18 j 10:09	5°♉10'31	
morning set	-4444 Jun 26 j 17:05	20°♉28'27	
	-4444 Jul 01 j 14:01	0°♊	
superior conj	-4444 Jul 05 j 10:40	7°♊25'30	1°49'02
minimum elong	-4444 Jul 05 j 10:12	7°♊23'14	1°49'13
max. Earth dist.	-4444 Jul 12 j 07:56	20°♊06'02	1.39064 AU
evening rise	-4444 Jul 16 j 09:29	27°♊12'02	
	-4444 Jul 18 j 01:03	0°♋	
desc. node	-4444 Jul 31 j 04:31	20°♋48'23	
	-4444 Aug 06 j 13:56	0°♌	
evening max el	-4444 Aug 20 j 19:36	17°♌28'01	24°14'25
retrograde	-4444 Aug 31 j 21:39	23°♌58'39	
evening set	-4444 Sep 06 j 06:18	21°♌42'54	
min. Earth dist.	-4444 Sep 11 j 00:45	16°♌11'05	0.67265 AU
inferior conj	-4444 Sep 11 j 15:04	15°♌22'42	0°-55'-59
minimum elong	-4444 Sep 11 j 16:22	15°♌18'19	0°55'17
asc. node	-4444 Sep 14 j 09:20	11°♌49'57	
morning rise	-4444 Sep 17 j 02:39	9°♌13'14	
direct	-4444 Sep 20 j 21:36	7°♌51'08	
morning max el	-4444 Sep 28 j 23:09	12°♌34'24	20°35'35
greatest brilliancy	-4444 Oct 05 j 05:47	20°♌05'45	-0.5m
	-4444 Oct 12 j 06:53	0°♍	
morning set	-4444 Oct 27 j 06:26	22°♍39'47	
desc. node	-4444 Oct 27 j 04:18	22°♍31'31	
	-4444 Oct 31 j 22:54	0°♎	
max. Earth dist.	-4444 Nov 06 j 01:53	8°♎10'39	1.43241 AU
superior conj	-4444 Nov 12 j 07:25	18°♎23'09	-1°-30'-37
minimum elong	-4444 Nov 12 j 01:14	17°♎57'28	1°30'10
	-4444 Nov 19 j 03:52	0°♏	
evening rise	-4444 Nov 24 j 15:57	9°♏35'38	
	-4444 Dec 06 j 17:53	0°♐	
asc. node	-4444 Dec 11 j 08:06	5°♐58'49	
evening max el	-4444 Dec 11 j 21:41	6°♐34'10	18°09'10
retrograde	-4444 Dec 18 j 11:48	10°♐03'01	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4444 Dec 21 j 04:32	9°♐27'10	
inferior conj	-4444 Dec 27 j 15:55	4°♐13'42	3°55'49
minimum elong	-4444 Dec 27 j 13:53	4°♐18'56	3°55'25
min. Earth dist.	-4444 Dec 30 j 09:28	1°♐25'43	0.62452 AU
	-4444 Dec 31 j 21:32	30°℞♏	
morning rise	-4443 Jan 02 j 21:17	28°♏21'35	
direct	-4443 Jan 09 j 22:56	25°♏44'19	
	-4443 Jan 19 j 22:54	0°♐	
desc. node	-4443 Jan 23 j 04:05	2°♐47'25	
morning max el	-4443 Jan 23 j 20:31	3°♐27'04	27°42'16
	-4443 Feb 12 j 15:45	0°♑	
morning set	-4443 Feb 26 j 08:35	25°♑08'52	
	-4443 Feb 28 j 17:15	0°♒	
max. Earth dist.	-4443 Mar 04 j 02:30	7°♒10'00	1.32942 AU
superior conj	-4443 Mar 05 j 20:00	10°♒53'38	0°-35'-26
minimum elong	-4443 Mar 05 j 21:34	11°♒02'07	0°35'19
asc. node	-4443 Mar 09 j 07:23	18°♒25'43	
evening rise	-4443 Mar 12 j 21:50	26°♒08'06	
	-4443 Mar 14 j 18:26	0°♓	
	-4443 Apr 01 j 20:02	0°♈	
evening max el	-4443 Apr 06 j 09:31	4°♈57'34	24°04'02
retrograde	-4443 Apr 20 j 04:31	11°♈51'59	
desc. node	-4443 Apr 21 j 02:52	11°♈50'01	
evening set	-4443 Apr 24 j 10:17	11°♈12'02	
min. Earth dist.	-4443 Apr 30 j 21:10	8°♈05'15	0.56454 AU
inferior conj	-4443 May 03 j 07:44	6°♈34'33	-3°-2'-32
minimum elong	-4443 May 03 j 01:58	6°♈43'33	3°01'08
morning rise	-4443 May 11 j 21:32	2°♈31'52	
direct	-4443 May 14 j 08:38	2°♈15'53	
morning max el	-4443 May 24 j 03:21	6°♈48'24	19°45'01
asc. node	-4443 Jun 05 j 07:09	24°♈13'31	
	-4443 Jun 08 j 07:54	0°♉	
morning set	-4443 Jun 10 j 18:27	4°♉50'34	
superior conj	-4443 Jun 18 j 19:36	21°♉03'07	1°42'39
minimum elong	-4443 Jun 18 j 17:35	20°♉53'08	1°42'40
	-4443 Jun 23 j 10:07	0°♊	
max. Earth dist.	-4443 Jun 24 j 10:54	1°♊57'05	1.37183 AU
evening rise	-4443 Jun 28 j 09:35	9°♊12'37	
	-4443 Jul 10 j 18:48	0°♋	
desc. node	-4443 Jul 18 j 01:35	10°♋53'47	
	-4443 Aug 02 j 07:01	0°♌	
evening max el	-4443 Aug 03 j 06:10	0°♌58'09	25°29'46
retrograde	-4443 Aug 15 j 07:58	7°♌56'59	
evening set	-4443 Aug 21 j 07:46	5°♌23'46	
min. Earth dist.	-4443 Aug 25 j 17:15	0°♌29'01	0.66801 AU
	-4443 Aug 26 j 02:14	30°℞♋	
inferior conj	-4443 Aug 26 j 18:50	29°♋06'09	-1°-47'-50
minimum elong	-4443 Aug 26 j 21:16	28°♋58'14	1°46'43
morning rise	-4443 Sep 01 j 11:20	23°♋05'40	
asc. node	-4443 Sep 01 j 06:26	23°♋13'48	
direct	-4443 Sep 04 j 19:40	22°♋00'44	
morning max el	-4443 Sep 12 j 02:29	26°♋11'22	19°31'50
	-4443 Sep 15 j 10:04	0°♌	
greatest brilliancy	-4443 Sep 21 j 03:04	7°♌50'17	-0.7m
	-4443 Oct 05 j 15:09	0°♍	
morning set	-4443 Oct 06 j 08:04	1°♍05'52	
desc. node	-4443 Oct 14 j 01:13	13°♍09'11	
max. Earth dist.	-4443 Oct 19 j 15:53	21°♍59'57	1.44372 AU
superior conj	-4443 Oct 23 j 02:20	27°♍28'09	0°-55'-11
minimum elong	-4443 Oct 22 j 20:09	27°♍03'25	0°54'26
	-4443 Oct 24 j 16:14	0°♎	
evening rise	-4443 Nov 06 j 10:39	20°♎56'28	
	-4443 Nov 11 j 20:41	0°♏	
evening max el	-4443 Nov 25 j 10:18	19°♏54'09	18°25'19
asc. node	-4443 Nov 28 j 05:12	22°♏15'30	
retrograde	-4443 Dec 02 j 00:33	23°♏31'57	
evening set	-4443 Dec 04 j 21:19	22°♏47'14	
inferior conj	-4443 Dec 10 j 23:41	17°♏14'32	3°30'25
minimum elong	-4443 Dec 10 j 20:38	17°♏23'16	3°29'39
min. Earth dist.	-4443 Dec 13 j 02:46	14°♏48'43	0.64112 AU
morning rise	-4443 Dec 16 j 18:34	11°♏11'53	
direct	-4443 Dec 23 j 16:36	8°♏22'34	
morning max el	-4442 Jan 06 j 05:11	16°♏04'30	27°25'48
desc. node	-4442 Jan 10 j 01:06	20°♏10'10	
	-4442 Jan 17 j 19:00	0°♐	
	-4442 Feb 05 j 08:21	0°♑	
morning set	-4442 Feb 10 j 04:11	9°♑12'37	
max. Earth dist.	-4442 Feb 15 j 05:01	19°♑24'56	1.33657 AU
superior conj	-4442 Feb 18 j 02:32	25°♑30'39	0°-59'-22
minimum elong	-4442 Feb 18 j 05:02	25°♑43'52	0°59'09
	-4442 Feb 20 j 05:03	0°♒	
asc. node	-4442 Feb 24 j 04:22	8°♒28'30	
evening rise	-4442 Feb 25 j 09:00	10°♒59'11	
	-4442 Mar 07 j 07:16	0°♓	
evening max el	-4442 Mar 19 j 02:48	15°♓41'20	22°29'53
retrograde	-4442 Apr 01 j 01:50	22°♓00'54	
evening set	-4442 Apr 04 j 03:27	21°♓40'12	
desc. node	-4442 Apr 08 j 00:01	20°♓21'38	
min. Earth dist.	-4442 Apr 12 j 11:27	18°♓01'39	0.55395 AU
inferior conj	-4442 Apr 13 j 10:49	17°♓28'20	-1°-28'-41
minimum elong	-4442 Apr 13 j 06:54	17°♓33'55	1°27'29
morning rise	-4442 Apr 22 j 12:30	13°♓31'04	
direct	-4442 Apr 25 j 02:38	13°♓15'38	
morning max el	-4442 May 06 j 13:58	18°♓38'14	21°00'39
	-4442 May 15 j 13:09	0°♈	
asc. node	-4442 May 23 j 04:07	13°♈42'42	
morning set	-4442 May 26 j 01:24	19°♈32'11	
	-4442 May 31 j 02:21	0°♉	
superior conj	-4442 Jun 02 j 15:15	5°♉15'03	1°29'46
minimum elong	-4442 Jun 02 j 12:36	5°♉01'23	1°29'35
max. Earth dist.	-4442 Jun 06 j 20:10	13°♉44'49	1.35554 AU
evening rise	-4442 Jun 11 j 05:29	22°♉13'46	
	-4442 Jun 15 j 11:09	0°♊	
desc. node	-4442 Jul 04 j 22:40	0°♋33'49	
	-4442 Jul 04 j 12:41	0°♋	
evening max el	-4442 Jul 16 j 17:03	14°♋27'20	26°31'48
retrograde	-4442 Jul 29 j 13:35	21°♋43'56	
evening set	-4442 Aug 05 j 03:02	18°♋59'11	
min. Earth dist.	-4442 Aug 09 j 04:18	14°♋43'07	0.65979 AU
inferior conj	-4442 Aug 10 j 18:23	12°♋47'16	-2°-36'-26
minimum elong	-4442 Aug 10 j 21:42	12°♋37'09	2°35'09
morning rise	-4442 Aug 16 j 17:20	6°♋58'52	
asc. node	-4442 Aug 19 j 03:31	6°♋09'42	
direct	-4442 Aug 19 j 17:23	6°♋07'49	
morning max el	-4442 Aug 26 j 11:53	9°♋54'35	18°43'17
	-4442 Sep 09 j 15:48	0°♌	
morning set	-4442 Sep 16 j 06:12	10°♌34'23	
	-4442 Sep 28 j 11:21	0°♍	
desc. node	-4442 Sep 30 j 22:10	3°♍51'58	
superior conj	-4442 Oct 02 j 03:19	5°♍46'50	0°-7'-40
minimum elong	-4442 Oct 02 j 02:19	5°♍42'52	0°07'28
behind sun begin	-4442 Oct 01 j 16:03	5°♍02'26	
behind sun end	-4442 Oct 02 j 12:35	6°♍23'19	
max. Earth dist.	-4442 Oct 02 j 09:08	6°♍09'45	1.44810 AU
	-4442 Oct 17 j 10:30	0°♎	
evening rise	-4442 Oct 18 j 05:09	1°♎14'25	
	-4442 Nov 06 j 00:23	0°♏	
evening max el	-4442 Nov 08 j 21:13	3°♏19'40	18°59'09

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4442 Nov 15 j 02:18	7°♏12'38	
retrograde	-4442 Nov 15 j 18:46	7°♏15'18	
evening set	-4442 Nov 18 j 21:28	6°♏19'32	
inferior conj	-4442 Nov 24 j 16:52	0°♏30'44	2°53'43
minimum elong	-4442 Nov 24 j 13:41	0°♏40'35	2°52'42
	-4442 Nov 25 j 02:44	30°℞♎	
min. Earth dist.	-4442 Nov 26 j 05:43	28°♎36'25	0.65435 AU
morning rise	-4442 Nov 30 j 04:54	24°♎20'23	
direct	-4442 Dec 06 j 16:53	21°♎33'01	
morning max el	-4442 Dec 19 j 14:56	29°♎04'33	26°38'37
	-4442 Dec 20 j 12:45	0°♏	
desc. node	-4442 Dec 27 j 22:05	8°♏37'34	
	-4441 Jan 11 j 14:42	0°♐	
morning set	-4441 Jan 24 j 12:31	22°♐37'49	
	-4441 Jan 28 j 07:46	0°♑	
max. Earth dist.	-4441 Jan 28 j 20:41	1°♑04'10	1.34814 AU
superior conj	-4441 Feb 02 j 03:32	9°♑46'19	-1°-21'-5
minimum elong	-4441 Feb 02 j 06:34	10°♑01'59	1°20'54
evening rise	-4441 Feb 09 j 18:02	25°♑38'03	
asc. node	-4441 Feb 11 j 01:23	28°♑18'59	
	-4441 Feb 11 j 21:19	0°♒	
evening max el	-4441 Mar 01 j 03:13	26°♒44'47	21°02'16
	-4441 Mar 05 j 07:05	0°♓	
retrograde	-4441 Mar 12 j 15:37	2°♓14'17	
evening set	-4441 Mar 15 j 02:14	2°♓00'22	
	-4441 Mar 20 j 15:50	30°℞♒	
inferior conj	-4441 Mar 24 j 06:10	28°♒02'14	0°26'51
minimum elong	-4441 Mar 24 j 07:23	28°♒00'29	0°26'19
min. Earth dist.	-4441 Mar 25 j 01:44	27°♒34'20	0.55226 AU
desc. node	-4441 Mar 25 j 21:07	27°♒06'57	
morning rise	-4441 Apr 02 j 11:33	23°♒52'32	
direct	-4441 Apr 05 j 14:41	23°♒31'08	
morning max el	-4441 Apr 18 j 13:58	29°♒47'05	22°32'06
	-4441 Apr 18 j 19:24	0°♓	
	-4441 May 08 j 07:52	0°♈	
morning set	-4441 May 10 j 11:50	4°♈26'53	
asc. node	-4441 May 10 j 01:06	3°♈31'08	
superior conj	-4441 May 17 j 18:20	19°♈50'59	1°12'12
minimum elong	-4441 May 17 j 15:43	19°♈37'09	1°11'52
max. Earth dist.	-4441 May 20 j 15:22	25°♈52'29	1.34278 AU
	-4441 May 22 j 15:40	0°♉	
evening rise	-4441 May 25 j 16:02	6°♉00'41	
	-4441 Jun 08 j 02:53	0°♊	
desc. node	-4441 Jun 21 j 19:44	19°♊37'42	
evening max el	-4441 Jun 29 j 04:22	27°♊48'06	27°12'35
	-4441 Jul 01 j 14:32	0°♋	
retrograde	-4441 Jul 12 j 13:55	5°♋11'57	
evening set	-4441 Jul 19 j 13:23	2°♋25'24	
	-4441 Jul 22 j 04:22	30°℞♊	
min. Earth dist.	-4441 Jul 23 j 07:47	28°♊46'58	0.64783 AU
inferior conj	-4441 Jul 25 j 11:30	26°♊22'18	-3°-19'-26
minimum elong	-4441 Jul 25 j 15:11	26°♊11'58	3°18'18
morning rise	-4441 Jul 31 j 18:26	20°♊49'04	
direct	-4441 Aug 03 j 12:32	20°♊08'39	
asc. node	-4441 Aug 06 j 00:36	20°♊41'45	
morning max el	-4441 Aug 10 j 01:14	23°♊39'55	18°11'23
	-4441 Aug 15 j 02:56	0°♋	
morning set	-4441 Aug 28 j 07:37	21°♋21'20	
	-4441 Sep 02 j 12:19	0°♌	
superior conj	-4441 Sep 11 j 07:39	14°♌19'12	0°40'17
minimum elong	-4441 Sep 11 j 12:15	14°♌37'37	0°39'51
max. Earth dist.	-4441 Sep 15 j 02:41	20°♌21'46	1.44525 AU
desc. node	-4441 Sep 17 j 19:07	24°♌36'11	
	-4441 Sep 21 j 05:38	0°♍	

evening rise	-4441 Sep 27 j 23:21	10°♍29'50	
	-4441 Oct 10 j 16:11	0°♎	
greatest brilliancy	-4441 Oct 15 j 09:04	6°♎54'08	-0.6m
evening max el	-4441 Oct 23 j 04:07	16°♎46'30	19°49'13
retrograde	-4441 Oct 30 j 15:32	21°♎07'54	
asc. node	-4441 Nov 01 j 23:27	20°♎36'22	
evening set	-4441 Nov 03 j 02:22	19°♎58'25	
inferior conj	-4441 Nov 08 j 16:33	13°♎56'39	2°09'24
minimum elong	-4441 Nov 08 j 13:53	14°♎05'26	2°08'24
min. Earth dist.	-4441 Nov 09 j 16:29	12°♎37'58	0.66404 AU
morning rise	-4441 Nov 14 j 00:42	7°♎41'23	
direct	-4441 Nov 19 j 22:55	5°♎06'40	
morning max el	-4441 Dec 01 j 23:56	12°♎14'31	25°28'53
desc. node	-4441 Dec 14 j 19:04	27°♎49'56	
	-4441 Dec 16 j 08:20	0°♏	
	-4440 Jan 04 j 07:21	0°♐	
morning set	-4440 Jan 07 j 04:47	5°♐09'39	
max. Earth dist.	-4440 Jan 11 j 00:42	12°♐14'39	1.36416 AU
superior conj	-4440 Jan 16 j 20:12	23°♐31'57	-1°-38'-59
minimum elong	-4440 Jan 16 j 23:06	23°♐46'22	1°38'56
	-4440 Jan 20 j 01:19	0°♑	
evening rise	-4440 Jan 24 j 22:55	9°♑58'10	
asc. node	-4440 Jan 28 j 22:25	17°♑51'22	
	-4440 Feb 04 j 21:05	0°♒	
evening max el	-4440 Feb 11 j 13:55	8°♒21'58	19°49'33
retrograde	-4440 Feb 21 j 09:33	13°♒00'58	
evening set	-4440 Feb 23 j 17:31	12°♒46'25	
inferior conj	-4440 Mar 03 j 07:53	8°♒44'30	2°12'17
minimum elong	-4440 Mar 03 j 12:43	8°♒36'59	2°10'43
min. Earth dist.	-4440 Mar 05 j 16:04	7°♒17'28	0.55982 AU
desc. node	-4440 Mar 11 j 18:14	4°♒17'00	
morning rise	-4440 Mar 12 j 04:42	4°♒08'40	
direct	-4440 Mar 16 j 09:17	3°♒29'34	
morning max el	-4440 Mar 30 j 06:23	10°♒26'55	24°11'04
	-4440 Apr 13 j 20:16	0°♓	
morning set	-4440 Apr 23 j 23:57	19°♓28'42	
asc. node	-4440 Apr 25 j 22:05	23°♓32'58	
	-4440 Apr 28 j 21:59	0°♈	
superior conj	-4440 May 01 j 02:16	4°♈42'34	0°51'20
minimum elong	-4440 May 01 j 00:11	4°♈31'21	0°50'57
max. Earth dist.	-4440 May 02 j 19:59	8°♈26'39	1.33369 AU
evening rise	-4440 May 08 j 12:57	20°♈20'11	
	-4440 May 13 j 11:58	0°♉	
	-4440 Jun 01 j 05:06	0°♊	
desc. node	-4440 Jun 07 j 16:50	7°♊50'22	
evening max el	-4440 Jun 10 j 14:27	10°♊48'35	27°25'21
retrograde	-4440 Jun 24 j 08:12	18°♊12'52	
evening set	-4440 Jul 01 j 11:33	15°♊37'16	
min. Earth dist.	-4440 Jul 05 j 01:56	12°♊30'58	0.63213 AU
inferior conj	-4440 Jul 07 j 19:31	9°♊46'01	-3°-53'-30
minimum elong	-4440 Jul 07 j 22:42	9°♊37'57	3°52'48
morning rise	-4440 Jul 14 j 11:55	4°♊31'08	
direct	-4440 Jul 17 j 02:17	3°♊58'42	
asc. node	-4440 Jul 22 j 21:42	6°♊39'38	
morning max el	-4440 Jul 23 j 16:03	7°♊22'50	17°57'19
	-4440 Aug 07 j 12:13	0°♋	
morning set	-4440 Aug 09 j 09:32	3°♋18'47	
superior conj	-4440 Aug 21 j 10:23	23°♋59'10	1°17'26
minimum elong	-4440 Aug 21 j 16:09	24°♋23'10	1°17'03
	-4440 Aug 25 j 01:51	0°♌	
max. Earth dist.	-4440 Aug 27 j 17:53	4°♌19'54	1.43563 AU
desc. node	-4440 Sep 03 j 16:04	15°♌19'16	
evening rise	-4440 Sep 06 j 03:41	19°♌11'15	
	-4440 Sep 13 j 05:14	0°♍	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

greatest brilliancy	-4440 Sep 29 j 12:20	23°♍27'37	-0.5m	
evening max el	-4440 Oct 05 j 05:21	0°♎12'54	20°53'10	
	-4440 Oct 05 j 00:21	0°♎		
retrograde	-4440 Oct 13 j 12:34	5°♎07'13		
evening set	-4440 Oct 17 j 09:50	3°♎41'11		
asc. node	-4440 Oct 18 j 20:37	2°♎25'12		
	-4440 Oct 20 j 23:15	30°℞♍		
inferior conj	-4440 Oct 22 j 20:27	27°♍29'43	1°20'09	
minimum elong	-4440 Oct 22 j 18:41	27°♍35'46	1°19'27	
min. Earth dist.	-4440 Oct 23 j 08:51	26°♍47'28	0.67039 AU	
morning rise	-4440 Oct 28 j 03:06	21°♍12'15		
direct	-4440 Nov 02 j 09:58	18°♍56'40		
morning max el	-4440 Nov 13 j 08:40	25°♍28'26	24°06'10	
	-4440 Nov 17 j 11:35	0°♎		
desc. node	-4440 Nov 30 j 16:02	17°♎34'11		
	-4440 Dec 08 j 21:32	0°♏		
morning set	-4440 Dec 18 j 23:05	16°♏32'08		
max. Earth dist.	-4440 Dec 22 j 21:36	23°♏26'26	1.38362 AU	
	-4440 Dec 26 j 12:13	0°♐		
superior conj	-4440 Dec 30 j 00:55	6°♐37'26	-1°-50'-47	
minimum elong	-4440 Dec 30 j 02:38	6°♐45'36	1°50'55	
evening rise	-4439 Jan 07 j 21:22	23°♐53'24		
	-4439 Jan 11 j 00:48	0°♑		
asc. node	-4439 Jan 14 j 19:29	6°♑59'22		
evening max el	-4439 Jan 24 j 10:42	20°♑34'10	18°55'43	
retrograde	-4439 Feb 01 j 19:10	24°♑34'54		
evening set	-4439 Feb 04 j 05:05	24°♑16'12		
inferior conj	-4439 Feb 12 j 02:47	19°♑57'57	3°24'07	
minimum elong	-4439 Feb 12 j 07:10	19°♑50'05	3°23'04	
min. Earth dist.	-4439 Feb 15 j 07:29	17°♑41'30	0.57473 AU	
morning rise	-4439 Feb 20 j 05:34	14°♑53'06		
direct	-4439 Feb 25 j 16:02	13°♑42'31		
desc. node	-4439 Feb 26 j 15:23	13°♑44'48		
morning max el	-4439 Mar 11 j 21:26	21°♑04'17	25°44'00	
	-4439 Mar 19 j 15:02	0°♒		
	-4439 Apr 06 j 07:31	0°♓		
morning set	-4439 Apr 08 j 12:00	4°♓31'04		
asc. node	-4439 Apr 12 j 19:03	13°♓42'54		
superior conj	-4439 Apr 15 j 12:59	19°♓42'25	0°28'14	
minimum elong	-4439 Apr 15 j 11:46	19°♓35'47	0°27'56	
max. Earth dist.	-4439 Apr 16 j 06:54	21°♓20'06	1.32812 AU	
	-4439 Apr 20 j 07:25	0°♈		
evening rise	-4439 Apr 22 j 16:56	5°♈00'53		
	-4439 May 06 j 04:37	0°♉		
evening max el	-4439 May 23 j 20:34	23°♉14'47	27°05'48	
desc. node	-4439 May 25 j 13:59	24°♉49'21		
	-4439 Jun 03 j 00:57	0°♊		
retrograde	-4439 Jun 06 j 19:33	0°♊36'55		
	-4439 Jun 10 j 11:32	30°℞♉		
evening set	-4439 Jun 13 j 17:25	28°♉26'00		
min. Earth dist.	-4439 Jun 17 j 10:01	25°♉40'18	0.61329 AU	
inferior conj	-4439 Jun 20 j 15:05	22°♉49'35	-4°-13'-36	
minimum elong	-4439 Jun 20 j 16:31	22°♉46'22	4°13'22	
morning rise	-4439 Jun 27 j 18:29	17°♉55'51		
direct	-4439 Jun 30 j 06:52	17°♉29'30		
morning max el	-4439 Jul 07 j 05:35	20°♉56'13	18°01'55	
asc. node	-4439 Jul 09 j 18:45	23°♉46'51		
	-4439 Jul 14 j 02:12	0°♊		
morning set	-4439 Jul 23 j 06:23	16°♊10'52		
	-4439 Jul 30 j 20:38	0°♋		
superior conj	-4439 Aug 02 j 16:49	5°♋01'35	1°39'51	
minimum elong	-4439 Aug 02 j 20:26	5°♋17'25	1°39'51	
max. Earth dist.	-4439 Aug 10 j 04:03	17°♋45'56	1.42043 AU	
evening rise	-4439 Aug 16 j 13:36	28°♋09'35		
	-4439 Aug 17 j 17:27	0°♌		
desc. node	-4439 Aug 21 j 13:03	5°♌57'29		
	-4439 Sep 06 j 22:40	0°♍		
greatest brilliancy	-4439 Sep 13 j 06:08	8°♍15'09	-0.3m	
evening max el	-4439 Sep 18 j 00:16	13°♍37'54	22°07'46	
retrograde	-4439 Sep 27 j 08:10	19°♍10'24		
evening set	-4439 Oct 01 j 17:57	17°♍25'33		
asc. node	-4439 Oct 05 j 17:46	12°♍59'51		
inferior conj	-4439 Oct 07 j 02:34	11°♍07'46	0°27'58	
minimum elong	-4439 Oct 07 j 01:55	11°♍10'00	0°27'47	
min. Earth dist.	-4439 Oct 07 j 04:25	11°♍01'22	0.67359 AU	
morning rise	-4439 Oct 12 j 09:44	4°♍50'57		
direct	-4439 Oct 17 j 01:26	2°♍56'54		
morning max el	-4439 Oct 26 j 19:39	8°♍45'55	22°39'55	
greatest brilliancy	-4439 Oct 31 j 13:12	14°♍05'31	-0.3m	
	-4439 Nov 12 j 07:57	0°♎		
desc. node	-4439 Nov 17 j 13:00	7°♎40'57		
morning set	-4439 Nov 29 j 13:56	26°♎32'52		
	-4439 Dec 01 j 16:13	0°♏		
max. Earth dist.	-4439 Dec 04 j 18:53	5°♏13'45	1.40422 AU	
superior conj	-4439 Dec 12 j 12:55	18°♏50'10	-1°-53'-30	
minimum elong	-4439 Dec 12 j 12:05	18°♏46'24	1°53'40	
	-4439 Dec 18 j 13:59	0°♐		
evening rise	-4439 Dec 22 j 10:29	7°♐16'44		
asc. node	-4438 Jan 01 j 16:34	25°♐34'53		
	-4438 Jan 04 j 18:41	0°♑		
evening max el	-4438 Jan 07 j 15:33	3°♑15'47	18°22'03	
retrograde	-4438 Jan 14 j 23:31	6°♑53'35		
evening set	-4438 Jan 17 j 11:49	6°♑29'10		
inferior conj	-4438 Jan 24 j 18:13	1°♑49'51	3°58'37	
minimum elong	-4438 Jan 24 j 19:54	1°♑46'20	3°58'17	
	-4438 Jan 26 j 22:39	30°℞♐		
min. Earth dist.	-4438 Jan 28 j 02:50	29°♐02'50	0.59374 AU	
morning rise	-4438 Feb 01 j 00:45	26°♐21'30		
direct	-4438 Feb 07 j 11:14	24°♐32'00		
desc. node	-4438 Feb 13 j 12:29	26°♐02'51		
	-4438 Feb 19 j 09:05	0°♑		
morning max el	-4438 Feb 21 j 16:48	2°♑07'01	26°55'51	
	-4438 Mar 13 j 19:32	0°♒		
morning set	-4438 Mar 23 j 22:16	19°♒27'56		
	-4438 Mar 28 j 20:38	0°♓		
asc. node	-4438 Mar 30 j 16:01	3°♓56'50		
superior conj	-4438 Mar 31 j 00:46	4°♓44'40	0°03'49	
minimum elong	-4438 Mar 31 j 00:35	4°♓43'45	0°03'40	
behind sun begin	-4438 Mar 30 j 19:43	4°♓17'02		
behind sun end	-4438 Mar 31 j 05:28	5°♓10'28		
max. Earth dist.	-4438 Mar 30 j 20:26	4°♓20'58	1.32591 AU	
evening rise	-4438 Apr 07 j 01:29	19°♓54'25		
	-4438 Apr 12 j 01:39	0°♈		
	-4438 May 01 j 04:54	0°♉		
evening max el	-4438 May 05 j 20:38	4°♉59'13	26°14'01	
desc. node	-4438 May 12 j 11:06	10°♉04'46		
retrograde	-4438 May 19 j 22:44	12°♉17'22		
evening set	-4438 May 26 j 03:09	10°♉42'10		
min. Earth dist.	-4438 May 30 j 09:26	8°♉00'16	0.59291 AU	
inferior conj	-4438 Jun 02 j 18:33	5°♉24'12	-4°-12'-7	
minimum elong	-4438 Jun 02 j 16:56	5°♉27'20	4°11'55	
morning rise	-4438 Jun 10 j 10:28	0°♉52'42		
direct	-4438 Jun 12 j 21:49	0°♉31'20		
morning max el	-4438 Jun 20 j 15:00	4°♉12'27	18°26'02	
asc. node	-4438 Jun 26 j 15:47	11°♉48'37		
morning set	-4438 Jul 06 j 17:12	29°♉45'05		
	-4438 Jul 06 j 20:19	0°♊		
superior conj	-4438 Jul 15 j 23:18	17°♊16'42	1°48'50	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4438 Jul 16 j 00:08	17°♊20'34	1°49'01
	-4438 Jul 23 j 01:49	0°♋	
max. Earth dist.	-4438 Jul 23 j 08:05	0°♋27'08	1.40182 AU
evening rise	-4438 Jul 27 j 21:24	8°♋10'45	
desc. node	-4438 Aug 08 j 10:03	26°♋26'58	
	-4438 Aug 10 j 18:59	0°♌	
evening max el	-4438 Aug 31 j 13:54	27°♌03'12	23°28'08
	-4438 Sep 03 j 19:46	0°♍	
retrograde	-4438 Sep 11 j 00:58	3°♍14'38	
evening set	-4438 Sep 16 j 00:55	1°♍09'58	
	-4438 Sep 17 j 06:30	30°℞♌	
inferior conj	-4438 Sep 21 j 09:08	24°♌49'26	0°-25'-22
minimum elong	-4438 Sep 21 j 09:43	24°♌47'26	0°25'00
min. Earth dist.	-4438 Sep 21 j 00:47	25°♌18'04	0.67381 AU
asc. node	-4438 Sep 22 j 14:54	23°♌08'27	
morning rise	-4438 Sep 26 j 18:36	18°♌36'16	
direct	-4438 Sep 30 j 20:30	17°♌03'12	
morning max el	-4438 Oct 09 j 11:48	22°♌09'28	21°18'10
greatest brilliancy	-4438 Oct 14 j 20:36	28°♌23'42	-0.4m
	-4438 Oct 16 j 02:25	0°♍	
desc. node	-4438 Nov 04 j 09:55	28°♍03'25	
	-4438 Nov 05 j 16:09	0°♎	
morning set	-4438 Nov 09 j 01:34	5°♎17'25	
max. Earth dist.	-4438 Nov 16 j 21:42	17°♎51'43	1.42321 AU
superior conj	-4438 Nov 24 j 02:29	29°♎55'28	-1°-43'-31
minimum elong	-4438 Nov 23 j 22:04	29°♎36'36	1°43'21
	-4438 Nov 24 j 03:32	0°♏	
evening rise	-4438 Dec 05 j 10:37	19°♏59'24	
	-4438 Dec 11 j 00:29	0°♐	
asc. node	-4438 Dec 19 j 13:40	13°♐26'58	
evening max el	-4438 Dec 22 j 01:40	16°♐17'57	18°08'18
retrograde	-4438 Dec 28 j 19:40	19°♐46'35	
evening set	-4438 Dec 31 j 10:31	19°♐15'22	
inferior conj	-4437 Jan 07 j 04:09	14°♐14'18	4°03'12
minimum elong	-4437 Jan 07 j 03:12	14°♐16'36	4°02'58
min. Earth dist.	-4437 Jan 10 j 05:10	11°♐20'11	0.61368 AU
morning rise	-4437 Jan 13 j 17:26	8°♐29'24	
direct	-4437 Jan 20 j 16:54	6°♐05'34	
desc. node	-4437 Jan 31 j 09:34	10°♐47'02	
morning max el	-4437 Feb 03 j 18:17	13°♐47'29	27°35'38
	-4437 Feb 16 j 19:54	0°♑	
	-4437 Mar 06 j 03:10	0°♒	
morning set	-4437 Mar 08 j 04:46	4°♒10'52	
max. Earth dist.	-4437 Mar 14 j 08:35	17°♒13'50	1.32709 AU
superior conj	-4437 Mar 15 j 11:52	19°♒42'08	0°-21'-10
minimum elong	-4437 Mar 15 j 12:49	19°♒47'19	0°21'08
asc. node	-4437 Mar 17 j 13:00	24°♒09'53	
	-4437 Mar 20 j 05:34	0°♓	
evening rise	-4437 Mar 22 j 12:26	4°♓52'12	
	-4437 Apr 05 j 00:36	0°♈	
evening max el	-4437 Apr 17 j 14:53	16°♈05'01	24°56'09
desc. node	-4437 Apr 29 j 08:15	22°♈59'46	
retrograde	-4437 May 01 j 15:36	23°♈12'12	
evening set	-4437 May 06 j 15:30	22°♈14'52	
min. Earth dist.	-4437 May 12 j 03:13	19°♈20'24	0.57368 AU
inferior conj	-4437 May 15 j 02:45	17°♈20'56	-3°-39'-10
minimum elong	-4437 May 14 j 21:53	17°♈29'07	3°38'16
morning rise	-4437 May 23 j 08:28	13°♈09'24	
direct	-4437 May 25 j 19:13	12°♈51'58	
morning max el	-4437 Jun 03 j 17:22	17°♈01'53	19°10'20
	-4437 Jun 13 j 05:22	0°♉	
asc. node	-4437 Jun 13 j 12:46	0°♉32'06	
morning set	-4437 Jun 20 j 14:08	13°♉51'43	
	-4437 Jun 28 j 18:13	0°♊	

superior conj	-4437 Jun 29 j 00:01	0°♊28'07	1°47'15
minimum elong	-4437 Jun 28 j 22:46	0°♊22'05	1°47'23
max. Earth dist.	-4437 Jul 05 j 09:20	12°♊28'48	1.38238 AU
evening rise	-4437 Jul 09 j 07:38	19°♊29'43	
	-4437 Jul 15 j 12:31	0°♋	
desc. node	-4437 Jul 26 j 07:03	16°♋42'51	
	-4437 Aug 04 j 22:06	0°♌	
evening max el	-4437 Aug 14 j 00:54	10°♌31'47	24°47'41
retrograde	-4437 Aug 25 j 13:55	17°♌16'18	
evening set	-4437 Aug 31 j 04:56	14°♌52'49	
min. Earth dist.	-4437 Sep 04 j 19:28	9°♌36'12	0.67099 AU
inferior conj	-4437 Sep 05 j 14:25	8°♌33'08	-1°-18'-15
minimum elong	-4437 Sep 05 j 16:13	8°♌27'07	1°17'21
asc. node	-4437 Sep 09 j 12:00	3°♌50'50	
morning rise	-4437 Sep 11 j 03:52	2°♌26'51	
direct	-4437 Sep 14 j 17:59	1°♌12'26	
morning max el	-4437 Sep 22 j 10:55	5°♌41'16	20°06'45
greatest brilliancy	-4437 Sep 29 j 15:54	14°♌34'22	-0.6m
	-4437 Oct 10 j 04:40	0°♍	
morning set	-4437 Oct 19 j 00:02	13°♍30'27	
desc. node	-4437 Oct 22 j 06:50	18°♍36'52	
	-4437 Oct 29 j 12:08	0°♎	
max. Earth dist.	-4437 Oct 30 j 07:48	1°♎18'31	1.43795 AU
superior conj	-4437 Nov 04 j 12:59	9°♎44'01	-1°-17'-34
minimum elong	-4437 Nov 04 j 06:11	9°♎16'14	1°16'54
	-4437 Nov 16 j 15:08	0°♏	
evening rise	-4437 Nov 17 j 17:25	1°♏52'53	
evening max el	-4437 Dec 05 j 14:15	29°♏33'50	18°13'48
asc. node	-4437 Dec 06 j 10:46	0°♐23'05	
	-4437 Dec 06 j 00:52	0°♐	
retrograde	-4437 Dec 12 j 03:26	3°♐05'03	
evening set	-4437 Dec 14 j 21:42	2°♐25'41	
	-4437 Dec 18 j 07:47	30°℞♏	
inferior conj	-4437 Dec 21 j 05:02	27°♏04'01	3°46'42
minimum elong	-4437 Dec 21 j 02:26	27°♏11'01	3°46'09
min. Earth dist.	-4437 Dec 23 j 16:41	24°♏23'38	0.63203 AU
morning rise	-4437 Dec 27 j 05:28	21°♏07'11	
direct	-4436 Jan 03 j 06:45	18°♏22'34	
morning max el	-4436 Jan 17 j 00:49	26°♏05'56	27°39'15
desc. node	-4436 Jan 18 j 06:37	27°♏21'25	
	-4436 Jan 20 j 16:49	0°♐	
	-4436 Feb 10 j 07:38	0°♑	
morning set	-4436 Feb 20 j 05:10	18°♑31'42	
max. Earth dist.	-4436 Feb 25 j 15:37	29°♑45'37	1.33197 AU
	-4436 Feb 25 j 18:20	0°♒	
superior conj	-4436 Feb 27 j 20:39	4°♒28'47	0°-45'-46
minimum elong	-4436 Feb 27 j 22:38	4°♒39'28	0°45'35
asc. node	-4436 Mar 03 j 09:59	14°♒17'51	
evening rise	-4436 Mar 06 j 00:02	19°♒47'48	
	-4436 Mar 11 j 00:57	0°♓	
evening max el	-4436 Mar 29 j 07:02	26°♓50'10	23°23'54
	-4436 Apr 02 j 02:00	0°♈	
retrograde	-4436 Apr 11 j 19:34	3°♈31'29	
evening set	-4436 Apr 15 j 11:59	3°♈01'46	
desc. node	-4436 Apr 15 j 05:23	3°♈05'57	
	-4436 Apr 22 j 06:31	30°℞♓	
min. Earth dist.	-4436 Apr 22 j 18:12	29°♓43'01	0.55909 AU
inferior conj	-4436 Apr 24 j 15:13	28°♓36'14	-2°-26'-58
minimum elong	-4436 Apr 24 j 09:39	28°♓44'31	2°25'25
morning rise	-4436 May 03 j 10:34	24°♓37'16	
direct	-4436 May 05 j 22:15	24°♓21'57	
morning max el	-4436 May 16 j 10:06	29°♓15'04	20°14'53
	-4436 May 17 j 04:44	0°♈	
asc. node	-4436 May 30 j 09:44	19°♈47'11	
morning set	-4436 Jun 03 j 18:08	28°♈22'46	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4436 Jun 04 j 13:15	0°♉	
superior conj	-4436 Jun 11 j 13:55	14°♉21'17	1°37'51
minimum elong	-4436 Jun 11 j 11:32	14°♉09'15	1°37'47
max. Earth dist.	-4436 Jun 16 j 14:22	24°♉15'09	1.36452 AU
	-4436 Jun 19 j 15:16	0°♊	
evening rise	-4436 Jun 20 j 16:48	1°♊57'59	
	-4436 Jul 07 j 13:56	0°♋	
desc. node	-4436 Jul 12 j 04:06	6°♋38'22	
evening max el	-4436 Jul 26 j 11:40	24°♋02'50	25°58'27
	-4436 Aug 03 j 08:14	0°♌	
retrograde	-4436 Aug 07 j 22:11	1°♌10'08	
	-4436 Aug 12 j 02:42	30°℞♋	
evening set	-4436 Aug 14 j 03:59	28°♋31'26	
min. Earth dist.	-4436 Aug 18 j 09:59	23°♋52'50	0.66491 AU
inferior conj	-4436 Aug 19 j 16:37	22°♋15'59	-2°-8'-58
minimum elong	-4436 Aug 19 j 19:29	22°♋06'55	2°07'45
morning rise	-4436 Aug 25 j 11:39	16°♋20'01	
asc. node	-4436 Aug 26 j 09:06	15°♋51'41	
direct	-4436 Aug 28 j 16:14	15°♋21'13	
morning max el	-4436 Sep 04 j 16:55	19°♋20'37	19°09'14
	-4436 Sep 12 j 22:36	0°♌	
morning set	-4436 Sep 27 j 08:35	22°♌18'19	
	-4436 Oct 02 j 06:03	0°♍	
desc. node	-4436 Oct 08 j 03:45	9°♍16'58	
max. Earth dist.	-4436 Oct 11 j 23:42	15°♍19'20	1.44648 AU
superior conj	-4436 Oct 13 j 22:15	18°♍23'24	0°-35'-57
minimum elong	-4436 Oct 13 j 17:45	18°♍05'37	0°35'20
	-4436 Oct 21 j 04:58	0°♎	
evening rise	-4436 Oct 29 j 02:08	12°♎47'25	
	-4436 Nov 08 j 16:03	0°♏	
evening max el	-4436 Nov 18 j 02:32	12°♏57'09	18°37'39
asc. node	-4436 Nov 22 j 07:53	16°♏08'08	
retrograde	-4436 Nov 24 j 18:51	16°♏41'04	
evening set	-4436 Nov 27 j 18:00	15°♏51'47	
inferior conj	-4436 Dec 03 j 17:10	10°♏11'53	3°15'59
minimum elong	-4436 Dec 03 j 13:58	10°♏21'23	3°15'04
min. Earth dist.	-4436 Dec 05 j 14:02	7°♏58'54	0.64725 AU
morning rise	-4436 Dec 09 j 08:47	4°♏05'56	
direct	-4436 Dec 16 j 03:18	1°♏15'59	
morning max el	-4436 Dec 29 j 10:05	8°♏54'00	27°09'02
desc. node	-4435 Jan 04 j 03:38	15°♏14'27	
	-4435 Jan 15 j 00:05	0°♐	
	-4435 Feb 01 j 15:15	0°♑	
morning set	-4435 Feb 02 j 20:29	2°♑20'44	
max. Earth dist.	-4435 Feb 07 j 13:53	11°♑46'07	1.34099 AU
superior conj	-4435 Feb 11 j 01:10	18°♑58'11	-1°-8'-56
minimum elong	-4435 Feb 11 j 03:57	19°♑12'48	1°08'42
	-4435 Feb 16 j 06:11	0°♒	
evening rise	-4435 Feb 18 j 10:33	4°♒35'07	
asc. node	-4435 Feb 18 j 06:59	4°♒16'32	
	-4435 Mar 04 j 14:36	0°♓	
evening max el	-4435 Mar 11 j 02:53	7°♓40'37	21°51'11
retrograde	-4435 Mar 23 j 12:13	13°♓39'27	
evening set	-4435 Mar 26 j 05:55	13°♓22'43	
desc. node	-4435 Apr 02 j 02:32	10°♓40'35	
inferior conj	-4435 Apr 04 j 13:29	9°♓19'02	0°-40'-36
minimum elong	-4435 Apr 04 j 11:36	9°♓21'41	0°40'02
min. Earth dist.	-4435 Apr 04 j 08:13	9°♓26'25	0.55212 AU
morning rise	-4435 Apr 13 j 18:07	5°♓18'56	
direct	-4435 Apr 16 j 12:31	5°♓01'53	
morning max el	-4435 Apr 28 j 15:58	10°♓47'10	21°37'58
	-4435 May 12 j 09:16	0°♈	
asc. node	-4435 May 17 j 06:42	9°♈26'03	
morning set	-4435 May 19 j 02:52	13°♈11'46	
superior conj	-4435 May 26 j 13:08	28°♈45'14	1°22'47
minimum elong	-4435 May 26 j 10:26	28°♈31'06	1°22'32
	-4435 May 27 j 03:32	0°♉	
max. Earth dist.	-4435 May 30 j 04:11	6°♉12'15	1.34970 AU
evening rise	-4435 Jun 03 j 19:36	15°♉21'07	
	-4435 Jun 11 j 20:55	0°♊	
desc. node	-4435 Jun 29 j 01:10	26°♊04'56	
	-4435 Jul 02 j 03:30	0°♋	
evening max el	-4435 Jul 08 j 23:00	7°♋30'33	26°52'10
retrograde	-4435 Jul 22 j 01:22	14°♋50'27	
evening set	-4435 Jul 28 j 19:48	12°♋03'36	
min. Earth dist.	-4435 Aug 01 j 18:00	8°♋04'00	0.65524 AU
inferior conj	-4435 Aug 03 j 13:44	5°♋55'24	-2°-55'-31
minimum elong	-4435 Aug 03 j 17:18	5°♋44'54	2°54'15
morning rise	-4435 Aug 09 j 15:55	0°♋13'06	
	-4435 Aug 10 j 02:36	30°℞♊	
direct	-4435 Aug 12 j 13:15	29°♊26'47	
asc. node	-4435 Aug 13 j 06:11	29°♊29'32	
	-4435 Aug 15 j 00:46	0°♋	
morning max el	-4435 Aug 19 j 04:17	3°♋05'31	18°27'37
	-4435 Sep 06 j 07:47	0°♌	
morning set	-4435 Sep 07 j 18:14	2°♌20'32	
superior conj	-4435 Sep 22 j 21:36	26°♌39'01	0°13'26
minimum elong	-4435 Sep 22 j 23:21	26°♌45'54	0°13'20
behind sun begin	-4435 Sep 22 j 16:47	26°♌19'55	
behind sun end	-4435 Sep 23 j 05:55	27°♌11'53	
max. Earth dist.	-4435 Sep 24 j 17:58	29°♌34'10	1.44782 AU
desc. node	-4435 Sep 25 j 00:40	0°♍00'37	
	-4435 Sep 25 j 00:31	0°♍	
evening rise	-4435 Oct 09 j 09:50	22°♍37'40	
	-4435 Oct 14 j 02:18	0°♎	
greatest brilliancy	-4435 Oct 22 j 07:08	12°♎43'35	-0.7m
evening max el	-4435 Nov 01 j 11:58	26°♎23'20	19°18'34
	-4435 Nov 06 j 07:25	0°♏	
retrograde	-4435 Nov 08 j 14:33	0°♏28'59	
asc. node	-4435 Nov 09 j 05:01	0°♏26'53	
	-4435 Nov 10 j 20:06	30°℞♎	
evening set	-4435 Nov 11 j 20:30	29°♎27'33	
inferior conj	-4435 Nov 17 j 13:26	23°♎32'33	2°35'40
minimum elong	-4435 Nov 17 j 10:24	23°♎42'12	2°34'37
min. Earth dist.	-4435 Nov 18 j 20:29	21°♎53'30	0.65888 AU
morning rise	-4435 Nov 22 j 23:30	17°♎19'53	
direct	-4435 Nov 29 j 05:50	14°♎37'10	
morning max el	-4435 Dec 11 j 19:46	21°♎59'52	26°11'17
	-4435 Dec 18 j 21:16	0°♏	
desc. node	-4435 Dec 22 j 00:38	4°♏02'51	
	-4434 Jan 08 j 05:29	0°♐	
morning set	-4434 Jan 16 j 22:40	15°♐25'18	
max. Earth dist.	-4434 Jan 21 j 00:51	23°♐12'59	1.35446 AU
	-4434 Jan 24 j 11:00	0°♑	
superior conj	-4434 Jan 25 j 23:00	3°♑02'18	-1°-29'-16
minimum elong	-4434 Jan 26 j 02:05	3°♑17'59	1°29'07
evening rise	-4434 Feb 02 j 18:08	19°♑07'19	
asc. node	-4434 Feb 05 j 04:02	24°♑00'27	
	-4434 Feb 08 j 06:11	0°♒	
evening max el	-4434 Feb 21 j 07:23	18°♒57'17	20°29'08
retrograde	-4434 Mar 04 j 02:30	24°♒05'01	
evening set	-4434 Mar 06 j 10:57	23°♒51'25	
inferior conj	-4434 Mar 15 j 09:52	19°♒53'11	1°14'39
minimum elong	-4434 Mar 15 j 13:04	19°♒48'29	1°13'27
min. Earth dist.	-4434 Mar 16 j 22:17	18°♒59'52	0.55439 AU
desc. node	-4434 Mar 19 j 23:42	17°♒19'23	
morning rise	-4434 Mar 24 j 13:10	15°♒33'50	
direct	-4434 Mar 28 j 01:39	15°♒06'51	
morning max el	-4434 Apr 10 j 12:16	21°♒41'55	23°14'03

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4434 Apr 17 j 15:51	0°♓	
morning set	-4434 May 03 j 14:17	28°♓10'53	
asc. node	-4434 May 04 j 03:42	29°♓21'11	
	-4434 May 04 j 11:05	0°♈	
superior conj	-4434 May 10 j 18:36	13°♈29'17	1°03'42
minimum elong	-4434 May 10 j 16:10	13°♈16'17	1°03'19
max. Earth dist.	-4434 May 13 j 03:43	18°♈31'53	1.33847 AU
evening rise	-4434 May 18 j 11:02	29°♈23'30	
	-4434 May 18 j 18:24	0°♉	
	-4434 Jun 04 j 23:17	0°♊	
desc. node	-4434 Jun 15 j 22:15	14°♊49'26	
evening max el	-4434 Jun 21 j 09:53	20°♊43'42	27°21'35
retrograde	-4434 Jul 04 j 23:12	28°♊08'29	
evening set	-4434 Jul 12 j 01:26	25°♊24'32	
min. Earth dist.	-4434 Jul 15 j 17:30	22°♊01'07	0.64165 AU
inferior conj	-4434 Jul 18 j 03:20	19°♊26'13	-3°-35'-14
minimum elong	-4434 Jul 18 j 06:56	19°♊16'32	3°34'16
morning rise	-4434 Jul 24 j 14:09	14°♊00'47	
direct	-4434 Jul 27 j 06:26	13°♊24'04	
asc. node	-4434 Jul 31 j 03:16	14°♊39'59	
morning max el	-4434 Aug 02 j 18:40	16°♊50'59	18°03'12
	-4434 Aug 12 j 04:56	0°♋	
morning set	-4434 Aug 20 j 06:39	13°♋39'02	
	-4434 Aug 29 j 23:51	0°♌	
superior conj	-4434 Sep 02 j 09:57	5°♌36'07	0°57'46
minimum elong	-4434 Sep 02 j 15:37	5°♌59'09	0°57'17
max. Earth dist.	-4434 Sep 07 j 10:54	13°♌42'39	1.44190 AU
desc. node	-4434 Sep 11 j 21:37	20°♌44'45	
	-4434 Sep 17 j 20:00	0°♍	
evening rise	-4434 Sep 18 j 20:09	1°♍33'25	
	-4434 Oct 07 j 19:40	0°♎	
greatest brilliancy	-4434 Oct 08 j 22:14	1°♎31'48	-0.6m
evening max el	-4434 Oct 15 j 16:30	9°♎49'51	20°14'53
retrograde	-4434 Oct 23 j 11:49	14°♎24'59	
evening set	-4434 Oct 27 j 02:45	13°♎08'48	
asc. node	-4434 Oct 27 j 02:10	13°♎09'49	
inferior conj	-4434 Nov 01 j 15:11	7°♎02'15	1°49'00
minimum elong	-4434 Nov 01 j 12:51	7°♎10'04	1°48'06
min. Earth dist.	-4434 Nov 02 j 10:01	5°♎59'08	0.66704 AU
morning rise	-4434 Nov 06 j 22:24	0°♎45'31	
	-4434 Nov 07 j 20:54	30°℞♍	
direct	-4434 Nov 12 j 14:01	28°♍18'33	
	-4434 Nov 17 j 20:27	0°♎	
morning max el	-4434 Nov 24 j 04:43	5°♎13'06	24°54'50
desc. node	-4434 Dec 08 j 21:37	23°♎30'21	
	-4434 Dec 13 j 08:55	0°♏	
morning set	-4434 Dec 30 j 06:28	27°♏30'33	
	-4434 Dec 31 j 15:56	0°♐	
max. Earth dist.	-4433 Jan 03 j 01:11	4°♐20'39	1.37204 AU
superior conj	-4433 Jan 09 j 11:07	16°♐32'34	-1°-44'-53
minimum elong	-4433 Jan 09 j 13:40	16°♐45'03	1°44'56
	-4433 Jan 16 j 05:07	0°♑	
evening rise	-4433 Jan 17 j 20:39	3°♑18'15	
asc. node	-4433 Jan 23 j 01:07	13°♑23'57	
	-4433 Feb 03 j 02:19	0°♒	
evening max el	-4433 Feb 03 j 22:33	0°♒50'14	19°24'15
retrograde	-4433 Feb 13 j 02:27	5°♒11'29	
evening set	-4433 Feb 15 j 10:47	4°♒55'37	
inferior conj	-4433 Feb 23 j 18:07	0°♒47'51	2°47'26
minimum elong	-4433 Feb 23 j 23:12	0°♒39'27	2°45'57
	-4433 Feb 24 j 23:03	30°℞♑	
min. Earth dist.	-4433 Feb 26 j 13:11	28°♑57'54	0.56538 AU
morning rise	-4433 Mar 04 j 07:57	25°♑58'53	
desc. node	-4433 Mar 06 j 20:51	25°♑19'02	
direct	-4433 Mar 09 j 01:06	25°♑08'01	
	-4433 Mar 20 j 13:01	0°♒	
morning max el	-4433 Mar 23 j 03:34	2°♒18'24	24°52'10
	-4433 Apr 11 j 11:14	0°♓	
morning set	-4433 Apr 18 j 02:35	13°♓13'54	
asc. node	-4433 Apr 21 j 00:42	19°♓27'16	
superior conj	-4433 Apr 25 j 03:59	28°♓25'39	0°41'47
minimum elong	-4433 Apr 25 j 02:15	28°♓16'11	0°41'24
	-4433 Apr 25 j 21:24	0°♈	
max. Earth dist.	-4433 Apr 26 j 11:13	1°♈14'38	1.33090 AU
evening rise	-4433 May 02 j 11:19	13°♈53'19	
	-4433 May 10 j 21:08	0°♉	
	-4433 May 31 j 09:02	0°♊	
desc. node	-4433 Jun 02 j 19:23	2°♊34'02	
evening max el	-4433 Jun 03 j 18:24	3°♊30'27	27°20'59
retrograde	-4433 Jun 17 j 14:58	10°♊54'53	
evening set	-4433 Jun 24 j 17:12	8°♊27'55	
min. Earth dist.	-4433 Jun 28 j 07:23	5°♊32'09	0.62443 AU
inferior conj	-4433 Jul 01 j 06:28	2°♊42'18	-4°-4'-10
minimum elong	-4433 Jul 01 j 09:05	2°♊36'00	4°03'41
	-4433 Jul 04 j 06:13	30°℞♉	
morning rise	-4433 Jul 08 j 03:24	27°♉36'19	
direct	-4433 Jul 10 j 16:35	27°♉06'49	
	-4433 Jul 16 j 20:13	0°♊	
morning max el	-4433 Jul 17 j 09:19	0°♊31'01	17°56'54
asc. node	-4433 Jul 18 j 00:21	1°♊09'16	
morning set	-4433 Aug 02 j 17:15	26°♊01'07	
	-4433 Aug 04 j 22:41	0°♋	
superior conj	-4433 Aug 14 j 00:31	15°♋51'23	1°28'45
minimum elong	-4433 Aug 14 j 05:36	16°♋12'58	1°28'31
max. Earth dist.	-4433 Aug 20 j 23:33	27°♋26'39	1.42969 AU
	-4433 Aug 22 j 13:22	0°♌	
evening rise	-4433 Aug 29 j 00:11	10°♌14'32	
desc. node	-4433 Aug 29 j 18:33	11°♌26'06	
	-4433 Sep 11 j 00:50	0°♍	
greatest brilliancy	-4433 Sep 23 j 11:03	17°♍16'54	-0.4m
evening max el	-4433 Sep 28 j 14:56	23°♍15'11	21°23'56
retrograde	-4433 Oct 07 j 08:26	28°♍25'48	
evening set	-4433 Oct 11 j 10:40	26°♍52'13	
asc. node	-4433 Oct 13 j 23:20	24°♍22'41	
inferior conj	-4433 Oct 16 j 20:15	20°♍37'39	0°58'15
minimum elong	-4433 Oct 16 j 18:56	20°♍42'12	0°57'46
min. Earth dist.	-4433 Oct 17 j 04:08	20°♍10'31	0.67206 AU
morning rise	-4433 Oct 22 j 02:51	14°♍19'52	
direct	-4433 Oct 27 j 03:10	12°♍13'09	
morning max el	-4433 Nov 06 j 13:54	18°♍27'49	23°29'21
greatest brilliancy	-4433 Nov 12 j 22:02	25°♍43'01	-0.2m
	-4433 Nov 16 j 05:42	0°♎	
desc. node	-4433 Nov 25 j 18:33	13°♎24'54	
	-4433 Dec 06 j 12:23	0°♏	
morning set	-4433 Dec 11 j 13:32	8°♏18'57	
max. Earth dist.	-4433 Dec 15 j 20:38	15°♏40'58	1.39233 AU
superior conj	-4433 Dec 23 j 09:19	29°♏16'55	-1°-53'-16
minimum elong	-4433 Dec 23 j 10:07	29°♏20'40	1°53'27
	-4433 Dec 23 j 18:33	0°♐	
evening rise	-4432 Jan 01 j 15:26	17°♐00'11	
	-4432 Jan 08 j 13:55	0°♑	
asc. node	-4432 Jan 09 j 22:11	2°♑19'08	
evening max el	-4432 Jan 17 j 23:07	13°♑15'59	18°39'01
retrograde	-4432 Jan 25 j 19:44	17°♑04'46	
evening set	-4432 Jan 28 j 06:42	16°♑43'47	
inferior conj	-4432 Feb 04 j 21:40	12°♑17'17	3°42'55
minimum elong	-4432 Feb 05 j 01:01	12°♑10'51	3°42'15
min. Earth dist.	-4432 Feb 08 j 06:03	9°♑44'50	0.58251 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning rise	-4432 Feb 12 j 15:42	7°♌01'32	
direct	-4432 Feb 18 j 13:46	5°♌34'15	
desc. node	-4432 Feb 21 j 17:58	5°♌59'04	
morning max el	-4432 Mar 03 j 19:45	13°♌03'07	26°17'49
	-4432 Mar 17 j 04:02	0°♒	
morning set	-4432 Apr 01 j 14:04	28°♒14'32	
	-4432 Apr 02 j 10:07	0°♓	
asc. node	-4432 Apr 06 j 21:41	9°♓39'31	
superior conj	-4432 Apr 08 j 15:22	13°♓27'24	0°18'01
minimum elong	-4432 Apr 08 j 14:35	13°♓23'05	0°17'45
max. Earth dist.	-4432 Apr 08 j 23:33	14°♓12'08	1.32677 AU
evening rise	-4432 Apr 15 j 17:31	28°♓40'41	
	-4432 Apr 16 j 08:52	0°♈	
	-4432 May 03 j 05:32	0°♉	
evening max el	-4432 May 15 j 22:18	15°♉40'21	26°47'36
desc. node	-4432 May 19 j 16:32	18°♉53'38	
retrograde	-4432 May 29 j 23:15	23°♉01'06	
evening set	-4432 Jun 05 j 14:58	21°♉04'47	
min. Earth dist.	-4432 Jun 09 j 11:49	18°♉22'31	0.60465 AU
inferior conj	-4432 Jun 12 j 19:41	15°♉35'26	-4°-16'-13
minimum elong	-4432 Jun 12 j 19:58	15°♉34'51	4°16'05
morning rise	-4432 Jun 20 j 04:12	10°♉50'53	
direct	-4432 Jun 22 j 15:59	10°♉26'49	
morning max el	-4432 Jun 29 j 21:27	13°♉58'28	18°09'40
asc. node	-4432 Jul 03 j 21:22	18°♉41'43	
	-4432 Jul 10 j 20:35	0°♊	
morning set	-4432 Jul 15 j 20:40	9°♊13'16	
superior conj	-4432 Jul 25 j 17:53	27°♊26'53	1°45'09
minimum elong	-4432 Jul 25 j 20:17	27°♊37'39	1°45'15
	-4432 Jul 27 j 04:15	0°♋	
max. Earth dist.	-4432 Aug 02 j 06:56	10°♋34'26	1.41282 AU
evening rise	-4432 Aug 07 j 18:14	19°♋36'51	
	-4432 Aug 14 j 07:55	0°♌	
desc. node	-4432 Aug 15 j 15:32	2°♌01'34	
	-4432 Sep 04 j 10:47	0°♍	
greatest brilliancy	-4432 Sep 05 j 11:44	1°♍16'37	-0.3m
evening max el	-4432 Sep 10 j 07:32	6°♍40'56	22°41'38
retrograde	-4432 Sep 20 j 02:52	12°♍29'50	
evening set	-4432 Sep 24 j 18:28	10°♍36'49	
asc. node	-4432 Sep 29 j 20:27	4°♍39'25	
inferior conj	-4432 Sep 30 j 02:45	4°♍17'40	0°05'23
minimum elong	-4432 Sep 30 j 02:37	4°♍18'07	0°05'27
transit middle	-4432 Sep 30 j 02:37	4°♍18'07	0°05'27
transit begin	-4432 Sep 30 j 00:05	4°♍26'54	
transit end	-4432 Sep 30 j 05:10	4°♍09'20	
min. Earth dist.	-4432 Sep 30 j 00:21	4°♍25'59	0.67410 AU
	-4432 Oct 03 j 10:20	30°℞♌	
morning rise	-4432 Oct 05 j 10:41	28°♌01'58	
direct	-4432 Oct 09 j 20:25	26°♌16'48	
	-4432 Oct 17 j 05:49	0°♍	
morning max el	-4432 Oct 19 j 02:32	1°♍46'52	22°04'05
greatest brilliancy	-4432 Oct 23 j 21:59	7°♍14'58	-0.4m
	-4432 Nov 09 j 05:23	0°♎	
desc. node	-4432 Nov 11 j 15:28	3°♎39'00	
morning set	-4432 Nov 20 j 15:56	17°♎43'37	
max. Earth dist.	-4432 Nov 26 j 19:42	27°♎48'26	1.41273 AU
	-4432 Nov 28 j 03:02	0°♏	
superior conj	-4432 Dec 04 j 12:26	11°♏02'30	-1°-51'-4
minimum elong	-4432 Dec 04 j 10:08	10°♏52'20	1°51'07
evening rise	-4432 Dec 14 j 23:26	0°♐06'30	
	-4432 Dec 14 j 22:02	0°♐	
asc. node	-4432 Dec 26 j 19:16	20°♐37'09	
evening max el	-4432 Dec 31 j 06:33	26°♐06'59	18°13'49
retrograde	-4431 Jan 07 j 07:07	29°♐38'58	
evening set	-4431 Jan 09 j 20:37	29°♐11'36	
inferior conj	-4431 Jan 16 j 21:14	24°♐22'54	4°03'38
minimum elong	-4431 Jan 16 j 21:42	24°♐21'51	4°03'26
min. Earth dist.	-4431 Jan 20 j 03:41	21°♐30'12	0.60233 AU
morning rise	-4431 Jan 23 j 19:57	18°♐47'10	
direct	-4431 Jan 30 j 13:36	16°♐41'51	
desc. node	-4431 Feb 07 j 15:03	19°♐22'55	
morning max el	-4431 Feb 13 j 17:22	24°♐19'35	27°17'09
	-4431 Feb 18 j 21:59	0°♑	
	-4431 Mar 10 j 07:39	0°♒	
morning set	-4431 Mar 16 j 22:57	13°♒05'57	
max. Earth dist.	-4431 Mar 23 j 13:02	27°♒11'35	1.32599 AU
superior conj	-4431 Mar 24 j 03:01	28°♒28'02	0°-6'-47
minimum elong	-4431 Mar 24 j 03:20	28°♒29'42	0°06'51
behind sun begin	-4431 Mar 23 j 22:47	28°♒04'49	
behind sun end	-4431 Mar 24 j 07:52	28°♒54'35	
asc. node	-4431 Mar 24 j 18:38	29°♒53'28	
	-4431 Mar 24 j 19:50	0°♓	
evening rise	-4431 Mar 31 j 03:18	13°♓36'56	
	-4431 Apr 08 j 11:39	0°♈	
evening max el	-4431 Apr 27 j 19:54	27°♈07'56	25°43'36
	-4431 May 01 j 03:26	0°♉	
desc. node	-4431 May 06 j 13:41	3°♉14'21	
retrograde	-4431 May 11 j 21:59	4°♉21'47	
evening set	-4431 May 17 j 15:25	3°♉03'19	
min. Earth dist.	-4431 May 22 j 08:22	0°♉17'56	0.58443 AU
	-4431 May 22 j 18:37	30°℞♈	
inferior conj	-4431 May 25 j 15:18	27°♈55'14	-4°-2'-36
minimum elong	-4431 May 25 j 12:11	28°♈00'54	4°02'12
morning rise	-4431 Jun 02 j 12:55	23°♈32'29	
direct	-4431 Jun 05 j 00:08	23°♈12'46	
morning max el	-4431 Jun 13 j 04:08	27°♈04'11	18°42'20
	-4431 Jun 15 j 20:58	0°♉	
asc. node	-4431 Jun 20 j 18:21	7°♉02'33	
morning set	-4431 Jun 29 j 12:14	23°♉02'46	
	-4431 Jul 03 j 01:59	0°♊	
superior conj	-4431 Jul 08 j 08:49	10°♊07'57	1°49'17
minimum elong	-4431 Jul 08 j 08:39	10°♊07'12	1°49'29
max. Earth dist.	-4431 Jul 15 j 09:47	22°♊59'42	1.39356 AU
	-4431 Jul 19 j 10:44	0°♋	
evening rise	-4431 Jul 19 j 13:23	0°♋11'16	
desc. node	-4431 Aug 02 j 12:33	22°♋26'10	
	-4431 Aug 07 j 17:13	0°♌	
evening max el	-4431 Aug 23 j 19:49	20°♌07'53	24°02'27
retrograde	-4431 Sep 03 j 17:58	26°♌33'38	
evening set	-4431 Sep 09 j 00:23	24°♌20'36	
inferior conj	-4431 Sep 14 j 08:58	18°♌00'14	0°-47'-56
minimum elong	-4431 Sep 14 j 10:04	17°♌56'27	0°47'20
min. Earth dist.	-4431 Sep 13 j 20:11	18°♌43'35	0.67309 AU
asc. node	-4431 Sep 16 j 17:33	14°♌55'21	
morning rise	-4431 Sep 19 j 19:57	11°♌49'49	
direct	-4431 Sep 23 j 16:38	10°♌24'58	
morning max el	-4431 Oct 01 j 21:33	15°♌13'50	20°46'14
greatest brilliancy	-4431 Oct 07 j 21:35	22°♌21'29	-0.5m
	-4431 Oct 13 j 10:31	0°♍	
desc. node	-4431 Oct 29 j 12:24	24°♍06'49	
morning set	-4431 Oct 30 j 19:24	26°♍07'06	
	-4431 Nov 02 j 06:59	0°♎	
max. Earth dist.	-4431 Nov 09 j 02:17	10°♎50'57	1.43020 AU
superior conj	-4431 Nov 15 j 14:50	21°♎35'44	-1°-34'-34
minimum elong	-4431 Nov 15 j 09:03	21°♎11'28	1°34'11
	-4431 Nov 20 j 13:29	0°♏	
evening rise	-4431 Nov 27 j 16:45	12°♏29'36	
	-4431 Dec 07 j 20:26	0°♐	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4431 Dec 13 j 16:20	8°♐07'04	
evening max el	-4431 Dec 14 j 18:01	9°♐15'39	18°08'19
retrograde	-4431 Dec 21 j 08:54	12°♐44'13	
evening set	-4431 Dec 24 j 01:05	12°♐09'37	
inferior conj	-4431 Dec 30 j 14:00	6°♐59'13	3°58'21
minimum elong	-4431 Dec 30 j 12:12	7°♐03'44	3°58'00
min. Earth dist.	-4430 Jan 02 j 09:33	4°♐09'05	0.62176 AU
morning rise	-4430 Jan 05 j 21:16	1°♐08'47	
	-4430 Jan 07 j 16:30	30°℞♏	
direct	-4430 Jan 12 j 22:36	28°♏34'38	
	-4430 Jan 18 j 12:52	0°♐	
desc. node	-4430 Jan 25 j 12:07	4°♐58'33	
morning max el	-4430 Jan 26 j 21:23	6°♐17'23	27°41'46
	-4430 Feb 13 j 21:45	0°♑	
morning set	-4430 Mar 01 j 03:11	27°♑40'54	
	-4430 Mar 02 j 06:22	0°♒	
max. Earth dist.	-4430 Mar 06 j 23:43	9°♒58'26	1.32868 AU
superior conj	-4430 Mar 08 j 13:21	13°♒21'45	0°-31'-43
minimum elong	-4430 Mar 08 j 14:45	13°♒29'24	0°31'36
asc. node	-4430 Mar 11 j 15:37	20°♒05'07	
evening rise	-4430 Mar 15 j 14:46	28°♒34'56	
	-4430 Mar 16 j 07:00	0°♓	
	-4430 Apr 02 j 12:53	0°♈	
evening max el	-4430 Apr 09 j 12:30	8°♈01'49	24°17'51
retrograde	-4430 Apr 23 j 09:21	15°♈00'19	
desc. node	-4430 Apr 23 j 10:48	15°♈00'18	
evening set	-4430 Apr 27 j 19:53	14°♈16'09	
min. Earth dist.	-4430 May 04 j 00:20	11°♈12'58	0.56674 AU
inferior conj	-4430 May 06 j 14:53	9°♈34'16	-3°-13'-32
minimum elong	-4430 May 06 j 09:14	9°♈43'15	3°12'14
morning rise	-4430 May 15 j 02:38	5°♈29'44	
direct	-4430 May 17 j 13:34	5°♈13'28	
morning max el	-4430 May 27 j 02:42	9°♈39'29	19°35'23
asc. node	-4430 Jun 07 j 15:22	26°♈00'43	
	-4430 Jun 09 j 18:38	0°♉	
morning set	-4430 Jun 13 j 12:30	7°♉20'56	
superior conj	-4430 Jun 21 j 15:45	23°♉39'08	1°44'04
minimum elong	-4430 Jun 21 j 13:54	23°♉30'04	1°44'09
	-4430 Jun 24 j 22:09	0°♊	
max. Earth dist.	-4430 Jun 27 j 11:57	4°♊51'57	1.37451 AU
evening rise	-4430 Jul 01 j 09:59	12°♊01'07	
	-4430 Jul 12 j 02:10	0°♋	
desc. node	-4430 Jul 20 j 09:33	12°♋34'18	
	-4430 Aug 02 j 20:05	0°♌	
evening max el	-4430 Aug 06 j 06:20	3°♌37'09	25°19'12
retrograde	-4430 Aug 18 j 05:01	10°♌32'51	
evening set	-4430 Aug 24 j 02:35	8°♌01'55	
min. Earth dist.	-4430 Aug 28 j 13:18	3°♌01'27	0.66887 AU
inferior conj	-4430 Aug 29 j 13:09	1°♌43'35	-1°-40'-8
minimum elong	-4430 Aug 29 j 15:27	1°♌36'07	1°39'05
	-4430 Aug 30 j 21:23	30°℞♋	
asc. node	-4430 Sep 03 j 14:39	26°♋06'49	
morning rise	-4430 Sep 04 j 04:50	25°♋41'32	
direct	-4430 Sep 07 j 14:33	24°♋34'21	
morning max el	-4430 Sep 14 j 23:50	28°♋49'30	19°40'25
	-4430 Sep 16 j 02:15	0°♌	
greatest brilliancy	-4430 Sep 23 j 10:24	9°♌34'23	-0.6m
	-4430 Oct 06 j 22:25	0°♍	
morning set	-4430 Oct 09 j 19:27	4°♍27'43	
desc. node	-4430 Oct 16 j 09:19	14°♍43'30	
max. Earth dist.	-4430 Oct 22 j 15:16	24°♍34'40	1.44240 AU
	-4430 Oct 26 j 00:49	0°♎	
superior conj	-4430 Oct 26 j 13:38	0°♎51'25	-1°-1'-31
minimum elong	-4430 Oct 26 j 07:05	0°♎25'09	1°00'47

evening rise	-4430 Nov 09 j 14:45	23°♎59'22	
	-4430 Nov 13 j 04:20	0°♏	
evening max el	-4430 Nov 28 j 06:43	22°♏34'51	18°21'45
asc. node	-4430 Nov 30 j 13:26	24°♏34'45	
retrograde	-4430 Dec 04 j 20:30	26°♏10'45	
evening set	-4430 Dec 07 j 16:32	25°♏27'32	
inferior conj	-4430 Dec 13 j 20:07	19°♏57'40	3°35'07
minimum elong	-4430 Dec 13 j 17:09	20°♏06'01	3°34'23
min. Earth dist.	-4430 Dec 16 j 01:27	17°♏27'35	0.63885 AU
morning rise	-4430 Dec 19 j 16:18	13°♏56'20	
direct	-4430 Dec 26 j 15:23	11°♏07'41	
morning max el	-4429 Jan 09 j 05:39	18°♏50'36	27°30'20
desc. node	-4429 Jan 12 j 09:10	22°♏09'46	
	-4429 Jan 18 j 18:23	0°♐	
	-4429 Feb 06 j 18:41	0°♑	
morning set	-4429 Feb 13 j 00:08	11°♑49'30	
max. Earth dist.	-4429 Feb 18 j 03:30	22°♑17'53	1.33523 AU
superior conj	-4429 Feb 20 j 20:32	28°♑01'28	0°-55'-52
minimum elong	-4429 Feb 20 j 22:54	28°♑14'05	0°55'38
	-4429 Feb 21 j 18:45	0°♒	
asc. node	-4429 Feb 26 j 12:37	10°♒09'25	
evening rise	-4429 Feb 28 j 02:06	13°♒27'16	
	-4429 Mar 08 j 13:37	0°♓	
evening max el	-4429 Mar 22 j 05:14	18°♓44'47	22°43'45
retrograde	-4429 Apr 04 j 08:26	25°♓10'42	
evening set	-4429 Apr 07 j 13:23	24°♓48'11	
desc. node	-4429 Apr 10 j 07:58	23°♓55'18	
min. Earth dist.	-4429 Apr 15 j 14:48	21°♓15'11	0.55500 AU
inferior conj	-4429 Apr 16 j 20:06	20°♓33'01	-1°-45'00
minimum elong	-4429 Apr 16 j 15:37	20°♓39'29	1°43'37
morning rise	-4429 Apr 25 j 20:20	16°♓35'49	
direct	-4429 Apr 28 j 09:32	16°♓20'36	
morning max el	-4429 May 09 j 14:57	21°♓35'33	20°48'16
	-4429 May 16 j 14:46	0°♈	
asc. node	-4429 May 25 j 12:22	15°♈26'32	
morning set	-4429 May 28 j 18:47	22°♈00'02	
	-4429 Jun 01 j 15:38	0°♉	
superior conj	-4429 Jun 05 j 10:03	7°♉46'44	1°32'03
minimum elong	-4429 Jun 05 j 07:26	7°♉33'22	1°31'54
max. Earth dist.	-4429 Jun 09 j 19:52	16°♉38'05	1.35774 AU
evening rise	-4429 Jun 14 j 03:18	24°♉54'28	
	-4429 Jun 16 j 21:44	0°♊	
	-4429 Jul 05 j 14:28	0°♋	
desc. node	-4429 Jul 07 j 06:36	2°♋18'51	
evening max el	-4429 Jul 19 j 17:12	17°♋07'23	26°23'48
retrograde	-4429 Aug 01 j 11:26	24°♋22'07	
evening set	-4429 Aug 07 j 22:56	21°♋38'42	
min. Earth dist.	-4429 Aug 12 j 01:25	17°♋16'43	0.66122 AU
inferior conj	-4429 Aug 13 j 13:30	15°♋25'41	-2°-29'-23
minimum elong	-4429 Aug 13 j 16:43	15°♋15'46	2°28'07
morning rise	-4429 Aug 19 j 11:24	9°♋35'08	
asc. node	-4429 Aug 21 j 11:46	8°♋48'16	
direct	-4429 Aug 22 j 12:30	8°♋42'13	
morning max el	-4429 Aug 29 j 08:28	12°♋32'09	18°49'27
	-4429 Sep 10 j 22:07	0°♌	
morning set	-4429 Sep 19 j 13:45	13°♌44'57	
	-4429 Sep 29 j 19:38	0°♍	
desc. node	-4429 Oct 03 j 06:13	5°♍25'37	
superior conj	-4429 Oct 05 j 16:08	9°♍13'49	0°-15'-12
minimum elong	-4429 Oct 05 j 14:08	9°♍05'58	0°14'53
behind sun begin	-4429 Oct 05 j 09:22	8°♍47'10	
behind sun end	-4429 Oct 05 j 18:55	9°♍24'46	
max. Earth dist.	-4429 Oct 05 j 08:08	8°♍42'17	1.44790 AU
	-4429 Oct 18 j 18:26	0°♎	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4429 Oct 21 j 12:59	4°♎26'49	
	-4429 Nov 06 j 21:24	0°♏	
evening max el	-4429 Nov 11 j 18:06	6°♏00'05	18°53'05
asc. node	-4429 Nov 17 j 10:34	9°♏44'59	
retrograde	-4429 Nov 18 j 14:05	9°♏52'21	
evening set	-4429 Nov 21 j 15:48	8°♏58'23	
inferior conj	-4429 Nov 27 j 12:07	3°♏11'54	2°59'50
minimum elong	-4429 Nov 27 j 08:55	3°♏21'44	2°58'50
min. Earth dist.	-4429 Nov 29 j 03:03	1°♏12'31	0.65264 AU
	-4429 Nov 30 j 03:33	30°℞♎	
morning rise	-4429 Dec 03 j 00:59	27°♎02'37	
direct	-4429 Dec 09 j 14:51	24°♎14'05	
	-4429 Dec 20 j 18:03	0°♏	
morning max el	-4429 Dec 22 j 15:19	1°♏47'45	26°47'13
desc. node	-4429 Dec 30 j 06:12	10°♏28'52	
	-4428 Jan 12 j 21:31	0°♐	
morning set	-4428 Jan 27 j 10:25	25°♐21'08	
	-4428 Jan 29 j 20:04	0°♑	
max. Earth dist.	-4428 Jan 31 j 20:49	4°♑01'47	1.34616 AU
superior conj	-4428 Feb 04 j 22:32	12°♑20'52	-1°-18'-1
minimum elong	-4428 Feb 05 j 01:31	12°♑36'22	1°17'48
evening rise	-4428 Feb 12 j 11:35	28°♑08'18	
asc. node	-4428 Feb 13 j 09:39	0°♒02'03	
	-4428 Feb 13 j 09:15	0°♒	
evening max el	-4428 Mar 03 j 04:24	29°♒44'17	21°14'29
	-4428 Mar 03 j 11:06	0°♓	
retrograde	-4428 Mar 14 j 22:30	5°♓21'17	
evening set	-4428 Mar 17 j 10:28	5°♓06'56	
inferior conj	-4428 Mar 26 j 15:44	1°♓08'04	0°09'16
minimum elong	-4428 Mar 26 j 16:10	1°♓07'28	0°09'00
transit middle	-4428 Mar 26 j 16:10	1°♓07'28	0°09'00
transit begin	-4428 Mar 26 j 12:47	1°♓12'14	
transit end	-4428 Mar 26 j 19:32	1°♓02'42	
min. Earth dist.	-4428 Mar 27 j 05:04	0°♓49'12	0.55192 AU
desc. node	-4428 Mar 27 j 05:09	0°♓49'05	
	-4428 Mar 28 j 16:15	30°℞♒	
morning rise	-4428 Apr 04 j 21:17	27°♒01'19	
direct	-4428 Apr 07 j 21:49	26°♒41'18	
	-4428 Apr 17 j 05:51	0°♓	
morning max el	-4428 Apr 20 j 16:20	2°♓49'43	22°17'47
	-4428 May 08 j 19:29	0°♈	
asc. node	-4428 May 11 j 09:21	5°♈12'29	
morning set	-4428 May 12 j 04:50	6°♈53'17	
superior conj	-4428 May 19 j 12:12	22°♈19'37	1°15'06
minimum elong	-4428 May 19 j 09:33	22°♈05'36	1°14'47
max. Earth dist.	-4428 May 22 j 13:43	28°♈42'44	1.34444 AU
	-4428 May 23 j 04:46	0°♉	
evening rise	-4428 May 27 j 11:59	8°♉35'37	
	-4428 Jun 08 j 10:10	0°♊	
desc. node	-4428 Jun 23 j 03:42	21°♊29'14	
	-4428 Jun 30 j 16:06	0°♋	
evening max el	-4428 Jul 01 j 04:39	0°♋30'40	27°08'12
retrograde	-4428 Jul 14 j 12:32	7°♋53'36	
evening set	-4428 Jul 21 j 10:50	5°♋06'44	
min. Earth dist.	-4428 Jul 25 j 06:12	1°♋22'51	0.64986 AU
	-4428 Jul 26 j 11:32	30°℞♊	
inferior conj	-4428 Jul 27 j 07:46	29°♊02'14	-3°-13'-27
minimum elong	-4428 Jul 27 j 11:27	28°♊51'46	3°12'16
morning rise	-4428 Aug 02 j 13:25	23°♊26'27	
direct	-4428 Aug 05 j 08:18	22°♊44'34	
asc. node	-4428 Aug 07 j 08:52	23°♊06'29	
morning max el	-4428 Aug 11 j 21:22	26°♊17'30	18°15'01
	-4428 Aug 15 j 01:25	0°♋	
morning set	-4428 Aug 30 j 11:11	24°♋20'48	
	-4428 Sep 02 j 21:06	0°♌	
superior conj	-4428 Sep 13 j 18:28	17°♌39'54	0°33'31
minimum elong	-4428 Sep 13 j 22:28	17°♌55'48	0°33'10
max. Earth dist.	-4428 Sep 17 j 02:02	22°♌55'52	1.44618 AU
desc. node	-4428 Sep 19 j 03:08	26°♌09'41	
	-4428 Sep 21 j 13:43	0°♍	
evening rise	-4428 Sep 30 j 10:28	13°♍50'42	
	-4428 Oct 10 j 21:13	0°♎	
greatest brilliancy	-4428 Oct 16 j 19:51	8°♎52'23	-0.7m
evening max el	-4428 Oct 25 j 01:45	19°♎26'54	19°40'50
retrograde	-4428 Nov 01 j 10:37	23°♎43'48	
asc. node	-4428 Nov 03 j 07:44	23°♎23'18	
evening set	-4428 Nov 04 j 20:10	22°♎36'26	
inferior conj	-4428 Nov 10 j 11:00	16°♎36'21	2°16'27
minimum elong	-4428 Nov 10 j 08:13	16°♎45'26	2°15'27
min. Earth dist.	-4428 Nov 11 j 12:44	15°♎12'24	0.66285 AU
morning rise	-4428 Nov 15 j 19:35	10°♎21'47	
direct	-4428 Nov 21 j 20:00	7°♎44'46	
morning max el	-4428 Dec 04 j 00:26	14°♎56'33	25°40'19
desc. node	-4428 Dec 16 j 03:11	29°♎35'16	
	-4428 Dec 16 j 10:23	0°♏	
	-4427 Jan 04 j 17:09	0°♐	
morning set	-4427 Jan 09 j 05:28	8°♐01'58	
max. Earth dist.	-4427 Jan 13 j 02:33	15°♐15'55	1.36152 AU
superior conj	-4427 Jan 18 j 16:41	26°♐11'47	-1°-36'-36
minimum elong	-4427 Jan 18 j 19:39	26°♐26'43	1°36'33
	-4427 Jan 20 j 13:56	0°♑	
evening rise	-4427 Jan 26 j 17:16	12°♑32'00	
asc. node	-4427 Jan 30 j 06:43	19°♑37'55	
	-4427 Feb 05 j 00:00	0°♒	
evening max el	-4427 Feb 13 j 13:33	11°♒16'28	19°59'14
retrograde	-4427 Feb 23 j 15:03	16°♒02'32	
evening set	-4427 Feb 25 j 23:02	15°♒48'19	
inferior conj	-4427 Mar 06 j 15:45	11°♒47'46	1°58'11
minimum elong	-4427 Mar 06 j 20:17	11°♒40'49	1°56'38
min. Earth dist.	-4427 Mar 08 j 19:16	10°♒29'19	0.55815 AU
desc. node	-4427 Mar 14 j 02:19	7°♒47'10	
morning rise	-4427 Mar 15 j 14:36	7°♒16'31	
direct	-4427 Mar 19 j 14:49	6°♒41'03	
morning max el	-4427 Apr 02 j 09:34	13°♒32'54	23°56'23
	-4427 Apr 15 j 01:34	0°♓	
morning set	-4427 Apr 26 j 16:51	21°♓54'56	
asc. node	-4427 Apr 28 j 06:20	25°♓12'55	
	-4427 Apr 30 j 11:55	0°♈	
superior conj	-4427 May 03 j 19:35	7°♈09'43	0°54'41
minimum elong	-4427 May 03 j 17:24	6°♈57'57	0°54'18
max. Earth dist.	-4427 May 05 j 17:13	11°♈14'02	1.33482 AU
evening rise	-4427 May 11 j 07:37	22°♈51'19	
	-4427 May 14 j 23:07	0°♉	
	-4427 Jun 02 j 04:14	0°♊	
desc. node	-4427 Jun 10 j 00:50	9°♊51'04	
evening max el	-4427 Jun 13 j 15:05	13°♊35'05	27°25'22
retrograde	-4427 Jun 27 j 07:39	20°♊59'18	
evening set	-4427 Jul 04 j 11:02	18°♊21'05	
min. Earth dist.	-4427 Jul 08 j 01:43	15°♊10'43	0.63474 AU
inferior conj	-4427 Jul 10 j 17:19	12°♊28'03	-3°-49'-10
minimum elong	-4427 Jul 10 j 20:40	12°♊19'28	3°48'22
morning rise	-4427 Jul 17 j 08:14	7°♊10'19	
direct	-4427 Jul 19 j 23:05	6°♊36'47	
asc. node	-4427 Jul 25 j 05:56	8°♊52'21	
morning max el	-4427 Jul 26 j 12:09	10°♊01'14	17°58'15
	-4427 Aug 08 j 21:03	0°♋	
morning set	-4427 Aug 12 j 09:47	6°♋08'43	
superior conj	-4427 Aug 24 j 17:13	27°♋07'58	1°12'45
minimum elong	-4427 Aug 24 j 23:05	27°♋32'14	1°12'19

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4427 Aug 26 j 10:59	0°♌	
max. Earth dist.	-4427 Aug 30 j 17:59	6°♌58'00	1.43749 AU
desc. node	-4427 Sep 06 j 00:04	16°♌52'59	
evening rise	-4427 Sep 09 j 15:48	22°♌34'23	
	-4427 Sep 14 j 11:53	0°♍	
greatest brilliancy	-4427 Oct 02 j 05:03	25°♍46'54	-0.5m
	-4427 Oct 05 j 13:32	0°♎	
evening max el	-4427 Oct 08 j 03:52	2°♎53'10	20°42'51
retrograde	-4427 Oct 16 j 07:46	7°♎42'15	
evening set	-4427 Oct 20 j 03:22	6°♎18'46	
asc. node	-4427 Oct 21 j 04:53	5°♎25'43	
inferior conj	-4427 Oct 25 j 14:24	0°♎08'23	1°27'48
minimum elong	-4427 Oct 25 j 12:28	0°♎14'56	1°27'04
	-4427 Oct 25 j 16:52	30°℞♍	
min. Earth dist.	-4427 Oct 26 j 04:23	29°♍20'52	0.66965 AU
morning rise	-4427 Oct 30 j 21:08	23°♍51'05	
direct	-4427 Nov 05 j 06:15	21°♍32'33	
morning max el	-4427 Nov 16 j 09:11	28°♍10'20	24°18'56
	-4427 Nov 18 j 03:02	0°♎	
desc. node	-4427 Dec 03 j 00:06	19°♎15'07	
	-4427 Dec 10 j 04:30	0°♏	
morning set	-4427 Dec 22 j 03:26	19°♏35'48	
max. Earth dist.	-4427 Dec 26 j 00:16	26°♏26'01	1.38054 AU
	-4427 Dec 27 j 23:20	0°♐	

superior conj	-4426 Jan 01 j 23:26	9°♐23'52	-1°-49'-30
minimum elong	-4426 Jan 02 j 01:24	9°♐33'21	1°49'38
evening rise	-4426 Jan 10 j 16:50	26°♐31'27	
	-4426 Jan 12 j 11:19	0°♑	
asc. node	-4426 Jan 17 j 03:47	8°♑50'12	
evening max el	-4426 Jan 27 j 08:53	23°♑23'32	19°02'29
retrograde	-4426 Feb 04 j 22:06	27°♑29'17	
evening set	-4426 Feb 07 j 07:34	27°♑11'23	
inferior conj	-4426 Feb 15 j 07:43	22°♑55'57	3°15'41
minimum elong	-4426 Feb 15 j 12:22	22°♑47'46	3°14'32
min. Earth dist.	-4426 Feb 18 j 10:24	20°♑45'54	0.57210 AU
morning rise	-4426 Feb 23 j 13:28	17°♑55'02	
direct	-4426 Feb 28 j 19:29	16°♑50'01	
desc. node	-4426 Feb 28 j 23:27	16°♑50'05	
morning max el	-4426 Mar 15 j 00:32	24°♑09'15	25°31'12
	-4426 Mar 20 j 08:17	0°♒	
	-4426 Apr 07 j 19:26	0°♓	
morning set	-4426 Apr 11 j 05:00	6°♓57'42	
asc. node	-4426 Apr 15 j 03:18	15°♓22'00	
superior conj	-4426 Apr 18 j 06:00	22°♓08'46	0°31'52
minimum elong	-4426 Apr 18 j 04:38	22°♓01'20	0°31'32
max. Earth dist.	-4426 Apr 19 j 03:23	24°♓05'10	1.32872 AU
	-4426 Apr 21 j 21:08	0°♈	
evening rise	-4426 Apr 25 j 10:43	7°♈29'18	
	-4426 May 07 j 11:08	0°♉	
evening max el	-4426 May 26 j 21:48	26°♉06'26	27°10'44
desc. node	-4426 May 27 j 21:59	27°♉02'48	
	-4426 May 31 j 13:38	0°♊	
retrograde	-4426 Jun 09 j 20:07	3°♊29'16	
evening set	-4426 Jun 16 j 19:34	1°♊13'39	
	-4426 Jun 18 j 13:22	30°℞♉	
min. Earth dist.	-4426 Jun 20 j 11:10	28°♉25'57	0.61627 AU
inferior conj	-4426 Jun 23 j 14:55	25°♉34'46	-4°-11'-48
minimum elong	-4426 Jun 23 j 16:43	25°♉30'41	4°11'30
morning rise	-4426 Jun 30 j 16:37	20°♉37'55	
direct	-4426 Jul 03 j 05:10	20°♉10'49	
morning max el	-4426 Jul 10 j 02:03	23°♉36'25	18°00'02
asc. node	-4426 Jul 12 j 02:57	25°♉49'48	
	-4426 Jul 15 j 04:58	0°♊	
morning set	-4426 Jul 26 j 04:06	18°♊53'13	
	-4426 Aug 01 j 07:12	0°♋	

superior conj	-4426 Aug 05 j 19:37	7°♋58'27	1°37'24
minimum elong	-4426 Aug 05 j 23:39	8°♋15'57	1°37'19
max. Earth dist.	-4426 Aug 13 j 04:48	20°♋29'01	1.42295 AU
	-4426 Aug 19 j 01:45	0°♌	
evening rise	-4426 Aug 19 j 23:33	1°♌26'30	
desc. node	-4426 Aug 23 j 21:02	7°♌32'11	
	-4426 Sep 08 j 00:58	0°♍	
greatest brilliancy	-4426 Sep 16 j 03:52	10°♍49'17	-0.4m
evening max el	-4426 Sep 20 j 23:36	16°♍18'14	21°56'08
retrograde	-4426 Sep 30 j 03:44	21°♍45'13	
evening set	-4426 Oct 04 j 11:29	20°♍03'20	
asc. node	-4426 Oct 08 j 01:59	16°♍09'32	
inferior conj	-4426 Oct 09 j 20:17	13°♍46'09	0°36'00
minimum elong	-4426 Oct 09 j 19:27	13°♍49'01	0°35'44
min. Earth dist.	-4426 Oct 09 j 23:40	13°♍34'29	0.67328 AU
morning rise	-4426 Oct 15 j 03:14	7°♍28'57	
direct	-4426 Oct 19 j 21:07	5°♍31'41	
morning max el	-4426 Oct 29 j 19:40	11°♍27'36	22°52'39
greatest brilliancy	-4426 Nov 03 j 15:32	16°♍53'20	-0.3m
	-4426 Nov 13 j 11:47	0°♎	
desc. node	-4426 Nov 19 j 21:01	9°♎18'56	
morning set	-4426 Dec 02 j 22:36	29°♎49'19	
	-4426 Dec 03 j 01:12	0°♏	
max. Earth dist.	-4426 Dec 07 j 20:51	8°♏05'40	1.40117 AU

superior conj	-4426 Dec 15 j 14:15	21°♏45'13	-1°-53'-51
minimum elong	-4426 Dec 15 j 13:53	21°♏43'34	1°54'01
	-4426 Dec 20 j 01:03	0°♐	
evening rise	-4426 Dec 25 j 07:32	9°♐59'55	
asc. node	-4425 Jan 04 j 00:51	27°♐31'07	
	-4425 Jan 05 j 15:42	0°♑	
evening max el	-4425 Jan 10 j 12:40	6°♑01'03	18°25'47
retrograde	-4425 Jan 17 j 23:39	9°♑41'17	
evening set	-4425 Jan 20 j 11:32	9°♑17'51	
inferior conj	-4425 Jan 27 j 20:05	4°♑41'58	3°55'29
minimum elong	-4425 Jan 27 j 22:13	4°♑37'36	3°55'05
min. Earth dist.	-4425 Jan 31 j 05:05	1°♑57'51	0.59077 AU
	-4425 Feb 02 j 23:42	30°℞♐	
morning rise	-4425 Feb 04 j 05:31	29°♐16'31	
direct	-4425 Feb 10 j 13:05	27°♐32'39	
desc. node	-4425 Feb 15 j 20:32	28°♐42'38	
	-4425 Feb 18 j 08:34	0°♑	
morning max el	-4425 Feb 24 j 19:01	5°♑06'36	26°46'57
	-4425 Mar 15 j 03:00	0°♒	
morning set	-4425 Mar 26 j 15:36	21°♒55'18	
	-4425 Mar 30 j 10:41	0°♓	
asc. node	-4425 Apr 02 j 00:17	5°♓35'25	
superior conj	-4425 Apr 02 j 17:41	7°♓10'39	0°07'34
minimum elong	-4425 Apr 02 j 17:21	7°♓08'50	0°07'24
behind sun begin	-4425 Apr 02 j 12:55	6°♓44'32	
behind sun end	-4425 Apr 02 j 21:47	7°♓33'09	
max. Earth dist.	-4425 Apr 02 j 16:35	7°♓04'39	1.32601 AU
evening rise	-4425 Apr 09 j 18:40	22°♓20'54	
	-4425 Apr 13 j 13:00	0°♈	
	-4425 May 01 j 21:08	0°♉	
evening max el	-4425 May 08 j 22:45	7°♉56'45	26°23'37
desc. node	-4425 May 14 j 19:08	12°♉35'47	
retrograde	-4425 May 23 j 00:48	15°♉16'02	
evening set	-4425 May 29 j 08:29	13°♉35'09	
min. Earth dist.	-4425 Jun 02 j 11:48	10°♉53'40	0.59592 AU
inferior conj	-4425 Jun 05 j 20:58	8°♉13'57	-4°-14'-9
minimum elong	-4425 Jun 05 j 19:53	8°♉16'07	4°14'01
morning rise	-4425 Jun 13 j 10:57	3°♉39'10	
direct	-4425 Jun 15 j 22:20	3°♉17'10	
morning max el	-4425 Jun 23 j 12:14	6°♉55'30	18°21'09
asc. node	-4425 Jun 28 j 23:57	13°♉43'54	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4425 Jul 08 j 07:16	0°♊	
morning set	-4425 Jul 09 j 13:04	2°♊21'27	
superior conj	-4425 Jul 18 j 22:49	20°♊03'17	1°48'14
minimum elong	-4425 Jul 19 j 00:03	20°♊08'55	1°48'24
	-4425 Jul 24 j 12:10	0°♋	
max. Earth dist.	-4425 Jul 26 j 09:21	3°♋15'47	1.40468 AU
evening rise	-4425 Jul 31 j 03:28	11°♋16'20	
desc. node	-4425 Aug 10 j 18:02	28°♋03'10	
	-4425 Aug 12 j 00:59	0°♌	
greatest brilliancy	-4425 Aug 28 j 14:35	22°♌58'20	-0.2m
evening max el	-4425 Sep 03 j 13:53	29°♌43'14	23°16'06
	-4425 Sep 03 j 20:37	0°♍	
retrograde	-4425 Sep 13 j 20:59	5°♍49'10	
evening set	-4425 Sep 18 j 18:41	3°♍47'37	
	-4425 Sep 22 j 05:41	30°℞♌	
inferior conj	-4425 Sep 24 j 02:52	27°♌27'18	0°-17'-14
minimum elong	-4425 Sep 24 j 03:16	27°♌25'56	0°16'58
min. Earth dist.	-4425 Sep 23 j 20:05	27°♌50'38	0.67394 AU
asc. node	-4425 Sep 24 j 23:05	26°♌18'08	
morning rise	-4425 Sep 29 j 11:52	21°♌13'16	
direct	-4425 Oct 03 j 15:43	19°♌37'06	
morning max el	-4425 Oct 12 j 10:46	24°♌49'34	21°29'46
	-4425 Oct 16 j 23:38	0°♍	
greatest brilliancy	-4425 Oct 17 j 15:21	0°♍49'09	-0.4m
desc. node	-4425 Nov 06 j 17:55	29°♍39'11	
	-4425 Nov 06 j 23:20	0°♎	
morning set	-4425 Nov 12 j 13:44	8°♎43'05	
max. Earth dist.	-4425 Nov 19 j 22:25	20°♎34'56	1.42062 AU
	-4425 Nov 25 j 13:15	0°♏	
superior conj	-4425 Nov 27 j 07:29	3°♏01'21	-1°-46'-2
minimum elong	-4425 Nov 27 j 03:38	2°♏44'40	1°45'55
evening rise	-4425 Dec 08 j 09:50	22°♏48'47	
	-4425 Dec 12 j 08:54	0°♐	
asc. node	-4425 Dec 21 j 21:55	15°♐30'15	
evening max el	-4425 Dec 24 j 22:12	19°♐00'33	18°09'06
retrograde	-4425 Dec 31 j 17:33	22°♐29'32	
evening set	-4424 Jan 03 j 08:03	21°♐59'20	
inferior conj	-4424 Jan 10 j 03:26	17°♐01'34	4°04'01
minimum elong	-4424 Jan 10 j 02:49	17°♐03'00	4°03'48
min. Earth dist.	-4424 Jan 13 j 06:09	14°♐07'00	0.61082 AU
morning rise	-4424 Jan 16 j 19:02	11°♐18'53	
direct	-4424 Jan 23 j 17:25	8°♐59'20	
desc. node	-4424 Feb 02 j 17:36	13°♐06'38	
morning max el	-4424 Feb 06 j 19:27	16°♐40'22	27°31'56
	-4424 Feb 17 j 20:41	0°♑	
	-4424 Mar 06 j 15:08	0°♒	
morning set	-4424 Mar 09 j 22:47	6°♒40'26	
max. Earth dist.	-4424 Mar 16 j 05:09	19°♒59'10	1.32667 AU
superior conj	-4424 Mar 17 j 05:00	22°♒09'02	0°-17'-24
minimum elong	-4424 Mar 17 j 05:47	22°♒13'18	0°17'23
asc. node	-4424 Mar 18 j 21:17	25°♒48'50	
	-4424 Mar 20 j 19:26	0°♓	
evening rise	-4424 Mar 24 j 05:23	7°♓18'24	
	-4424 Apr 05 j 05:03	0°♈	
evening max el	-4424 Apr 19 j 17:53	19°♈08'09	25°09'06
desc. node	-4424 Apr 30 j 16:16	25°♈54'27	
retrograde	-4424 May 03 j 19:20	26°♈17'22	
evening set	-4424 May 08 j 23:54	25°♈14'54	
min. Earth dist.	-4424 May 14 j 06:19	22°♈23'09	0.57632 AU
inferior conj	-4424 May 17 j 08:14	20°♈17'07	-3°-46'-39
minimum elong	-4424 May 17 j 03:47	20°♈24'47	3°45'53
morning rise	-4424 May 25 j 11:49	16°♈02'44	
direct	-4424 May 27 j 22:39	15°♈44'45	
morning max el	-4424 Jun 05 j 15:49	19°♈49'34	19°02'24

	-4424 Jun 13 j 11:01	0°♉	
asc. node	-4424 Jun 14 j 20:58	2°♉21'59	
morning set	-4424 Jun 22 j 08:45	16°♉24'05	
	-4424 Jun 29 j 06:27	0°♊	
superior conj	-4424 Jun 30 j 21:12	3°♊07'20	1°48'03
minimum elong	-4424 Jun 30 j 20:12	3°♊02'33	1°48'13
max. Earth dist.	-4424 Jul 07 j 10:53	15°♊23'14	1.38524 AU
evening rise	-4424 Jul 11 j 09:56	22°♊24'10	
	-4424 Jul 15 j 21:24	0°♋	
desc. node	-4424 Jul 27 j 15:03	18°♋21'31	
	-4424 Aug 04 j 21:59	0°♌	
evening max el	-4424 Aug 16 j 01:13	13°♌11'33	24°36'13
retrograde	-4424 Aug 27 j 10:30	19°♌51'20	
evening set	-4424 Sep 01 j 23:15	17°♌30'34	
min. Earth dist.	-4424 Sep 06 j 15:10	12°♌08'31	0.67164 AU
inferior conj	-4424 Sep 07 j 08:27	11°♌10'39	-1°-10'-18
minimum elong	-4424 Sep 07 j 10:05	11°♌05'12	1°09'30
asc. node	-4424 Sep 10 j 20:10	6°♌51'48	
morning rise	-4424 Sep 12 j 21:12	5°♌03'08	
direct	-4424 Sep 16 j 13:00	3°♌46'02	
morning max el	-4424 Sep 24 j 08:46	8°♌19'45	20°16'32
greatest brilliancy	-4424 Oct 01 j 05:15	16°♌41'24	-0.6m
	-4424 Oct 10 j 10:22	0°♍	
morning set	-4424 Oct 21 j 12:41	16°♍56'14	
desc. node	-4424 Oct 23 j 14:50	20°♍11'06	
	-4424 Oct 29 j 20:35	0°♎	
max. Earth dist.	-4424 Nov 01 j 07:41	3°♎55'50	1.43616 AU
superior conj	-4424 Nov 06 j 22:10	13°♎01'25	-1°-22'-35
minimum elong	-4424 Nov 06 j 15:29	12°♎33'59	1°21'59
	-4424 Nov 17 j 00:19	0°♏	
evening rise	-4424 Nov 19 j 19:30	4°♏50'01	
	-4424 Dec 05 j 10:41	0°♐	
evening max el	-4424 Dec 07 j 10:37	2°♐14'50	18°11'47
asc. node	-4424 Dec 07 j 19:00	2°♐35'35	
retrograde	-4424 Dec 13 j 23:54	5°♐44'51	
evening set	-4424 Dec 16 j 17:38	5°♐06'43	
	-4424 Dec 22 j 21:46	30°℞♏	
inferior conj	-4424 Dec 23 j 02:20	29°♏47'52	3°50'14
minimum elong	-4424 Dec 22 j 23:55	29°♏54'17	3°49'43
min. Earth dist.	-4424 Dec 25 j 16:05	27°♏04'33	0.62950 AU
morning rise	-4424 Dec 29 j 04:25	23°♏52'41	
direct	-4423 Jan 05 j 06:05	21°♏10'19	
morning max el	-4423 Jan 19 j 01:21	28°♏53'24	27°41'00
desc. node	-4423 Jan 19 j 14:39	29°♏26'33	
	-4423 Jan 20 j 03:45	0°♐	
	-4423 Feb 10 j 16:00	0°♑	
morning set	-4423 Feb 22 j 00:16	21°♑05'06	
	-4423 Feb 26 j 07:59	0°♒	
max. Earth dist.	-4423 Feb 27 j 13:17	2°♒35'17	1.33101 AU
superior conj	-4423 Mar 01 j 14:16	6°♒57'43	0°-42'-7
minimum elong	-4423 Mar 01 j 16:06	7°♒07'39	0°41'56
asc. node	-4423 Mar 05 j 18:17	15°♒57'53	
evening rise	-4423 Mar 08 j 17:02	22°♒14'55	
	-4423 Mar 12 j 11:51	0°♓	
evening max el	-4423 Apr 01 j 10:02	29°♓54'47	23°38'01
	-4423 Apr 01 j 12:13	0°♈	
retrograde	-4423 Apr 15 j 01:04	6°♈40'55	
desc. node	-4423 Apr 17 j 13:26	6°♈26'51	
evening set	-4423 Apr 18 j 22:03	6°♈07'57	
min. Earth dist.	-4423 Apr 25 j 21:27	2°♈53'42	0.56084 AU
inferior conj	-4423 Apr 27 j 23:30	1°♈38'25	-2°-40'-31
minimum elong	-4423 Apr 27 j 17:46	1°♈47'06	2°38'58
	-4423 Apr 30 j 19:00	30°℞♓	
morning rise	-4423 May 06 j 16:57	27°♓38'24	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4423 May 09 j 04:25	27°♓22'53	
	-4423 May 16 j 18:53	0°♈	
morning max el	-4423 May 19 j 10:06	2°♈08'30	20°04'03
asc. node	-4423 Jun 01 j 17:59	21°♈32'59	
morning set	-4423 Jun 06 j 11:55	0°♉52'11	
	-4423 Jun 06 j 01:34	0°♉	
superior conj	-4423 Jun 14 j 09:28	16°♉55'14	1°39'41
minimum elong	-4423 Jun 14 j 07:12	16°♉43'51	1°39'39
max. Earth dist.	-4423 Jun 19 j 15:12	27°♉10'57	1.36703 AU
	-4423 Jun 21 j 02:55	0°♊	
evening rise	-4423 Jun 23 j 16:04	4°♊42'59	
	-4423 Jul 08 j 19:35	0°♋	
desc. node	-4423 Jul 14 j 12:07	8°♋20'36	
evening max el	-4423 Jul 29 j 11:56	26°♋42'18	25°48'44
	-4423 Aug 02 j 05:03	0°♌	
retrograde	-4423 Aug 10 j 19:26	3°♌46'41	
evening set	-4423 Aug 16 j 23:13	1°♌09'46	
	-4423 Aug 18 j 04:47	30°℞♋	
min. Earth dist.	-4423 Aug 21 j 06:26	26°♋25'30	0.66608 AU
inferior conj	-4423 Aug 22 j 11:15	24°♋53'35	-2°-1'-30
minimum elong	-4423 Aug 22 j 13:59	24°♋44'53	2°00'19
morning rise	-4423 Aug 28 j 05:22	18°♋55'57	
asc. node	-4423 Aug 28 j 17:18	18°♋38'44	
direct	-4423 Aug 31 j 11:15	17°♋55'03	
morning max el	-4423 Sep 07 j 13:53	21°♋58'04	19°16'49
	-4423 Sep 14 j 00:31	0°♌	
morning set	-4423 Sep 30 j 18:27	25°♌35'24	
	-4423 Oct 03 j 14:01	0°♍	
desc. node	-4423 Oct 10 j 11:46	10°♍50'17	
max. Earth dist.	-4423 Oct 14 j 23:05	17°♍53'15	1.44564 AU
superior conj	-4423 Oct 17 j 10:34	21°♍48'53	0°-43'00
minimum elong	-4423 Oct 17 j 05:21	21°♍28'11	0°42'20
	-4423 Oct 22 j 13:32	0°♎	
evening rise	-4423 Nov 01 j 07:48	15°♎54'00	
	-4423 Nov 09 j 21:35	0°♏	
evening max el	-4423 Nov 20 j 23:06	15°♏37'22	18°32'59
asc. node	-4423 Nov 24 j 16:06	18°♏32'30	
retrograde	-4423 Nov 27 j 14:31	19°♏18'58	
evening set	-4423 Nov 30 j 12:50	18°♏31'17	
inferior conj	-4423 Dec 06 j 13:04	12°♏53'47	3°21'20
minimum elong	-4423 Dec 06 j 09:54	13°♏03'03	3°20'29
min. Earth dist.	-4423 Dec 08 j 12:04	10°♏36'14	0.64515 AU
morning rise	-4423 Dec 12 j 05:45	6°♏48'58	
direct	-4423 Dec 19 j 01:35	3°♏59'02	
morning max el	-4422 Jan 01 j 10:31	11°♏38'29	27°15'33
desc. node	-4422 Jan 06 j 11:42	17°♏09'42	
	-4422 Jan 16 j 03:37	0°♐	
	-4422 Feb 03 j 02:41	0°♑	
morning set	-4422 Feb 05 j 17:14	5°♑00'03	
max. Earth dist.	-4422 Feb 10 j 13:18	14°♑42'03	1.33939 AU
superior conj	-4422 Feb 13 j 19:36	21°♑30'23	-1°-5'-34
minimum elong	-4422 Feb 13 j 22:17	21°♑44'34	1°05'20
	-4422 Feb 17 j 19:34	0°♒	
asc. node	-4422 Feb 20 j 15:19	5°♒58'22	
evening rise	-4422 Feb 21 j 03:54	7°♒04'12	
	-4422 Mar 05 j 14:04	0°♓	
evening max el	-4422 Mar 14 j 04:52	10°♓42'24	22°04'26
retrograde	-4422 Mar 26 j 19:12	16°♓48'46	
evening set	-4422 Mar 29 j 15:25	16°♓30'51	
desc. node	-4422 Apr 04 j 10:35	14°♓20'10	
inferior conj	-4422 Apr 07 j 23:13	12°♓24'33	0°-58'-4
minimum elong	-4422 Apr 07 j 20:33	12°♓28'19	0°57'15
min. Earth dist.	-4422 Apr 07 j 11:28	12°♓41'07	0.55261 AU
morning rise	-4422 Apr 17 j 03:02	8°♓25'56	
direct	-4422 Apr 19 j 19:44	8°♓09'35	
morning max el	-4422 May 01 j 17:39	13°♓46'45	21°24'37
	-4422 May 13 j 17:06	0°♈	
asc. node	-4422 May 19 j 15:02	11°♈08'39	
morning set	-4422 May 21 j 20:06	15°♈38'40	
	-4422 May 28 j 17:05	0°♉	
superior conj	-4422 May 29 j 07:32	1°♉15'05	1°25'22
minimum elong	-4422 May 29 j 04:50	1°♉01'03	1°25'08
max. Earth dist.	-4422 Jun 02 j 03:24	9°♉04'12	1.35168 AU
evening rise	-4422 Jun 06 j 16:34	17°♉58'28	
	-4422 Jun 13 j 06:35	0°♊	
desc. node	-4422 Jul 01 j 09:11	27°♊51'57	
	-4422 Jul 03 j 00:31	0°♋	
evening max el	-4422 Jul 11 j 23:06	10°♋10'22	26°45'30
retrograde	-4422 Jul 24 j 23:29	17°♋29'14	
evening set	-4422 Jul 31 j 16:18	14°♋42'50	
min. Earth dist.	-4422 Aug 04 j 15:31	10°♋37'35	0.65692 AU
inferior conj	-4422 Aug 06 j 09:17	8°♋33'17	-2°-48'-54
minimum elong	-4422 Aug 06 j 12:47	8°♋22'52	2°47'37
morning rise	-4422 Aug 12 j 10:19	2°♋48'53	
direct	-4422 Aug 15 j 08:33	2°♋00'59	
asc. node	-4422 Aug 15 j 14:26	2°♋01'19	
morning max el	-4422 Aug 22 j 00:39	5°♋42'17	18°32'44
	-4422 Sep 07 j 15:47	0°♌	
morning set	-4422 Sep 10 j 23:59	5°♌25'12	
superior conj	-4422 Sep 26 j 09:54	0°♍03'27	0°06'01
minimum elong	-4422 Sep 26 j 10:42	0°♍06'37	0°06'02
behind sun begin	-4422 Sep 26 j 00:04	29°♌24'38	
behind sun end	-4422 Sep 26 j 21:20	0°♍48'35	
	-4422 Sep 26 j 09:02	0°♍	
desc. node	-4422 Sep 27 j 08:40	1°♍33'16	
max. Earth dist.	-4422 Sep 27 j 17:07	2°♍06'35	1.44803 AU
evening rise	-4422 Oct 12 j 19:11	25°♍53'17	
	-4422 Oct 15 j 09:35	0°♎	
evening max el	-4422 Nov 04 j 09:04	29°♎02'53	19°11'31
	-4422 Nov 05 j 08:17	0°♏	
retrograde	-4422 Nov 11 j 09:48	3°♏05'00	
asc. node	-4422 Nov 11 j 13:15	3°♏04'52	
evening set	-4422 Nov 14 j 14:34	2°♏05'36	
	-4422 Nov 17 j 03:00	30°℞♎	
inferior conj	-4422 Nov 20 j 08:18	26°♎12'39	2°42'15
minimum elong	-4422 Nov 20 j 05:13	26°♎22'24	2°41'13
min. Earth dist.	-4422 Nov 21 j 17:21	24°♎28'12	0.65731 AU
morning rise	-4422 Nov 25 j 18:59	20°♎00'41	
direct	-4422 Dec 02 j 03:20	17°♎16'12	
morning max el	-4422 Dec 14 j 20:20	24°♎42'29	26°21'21
	-4422 Dec 19 j 16:23	0°♏	
desc. node	-4422 Dec 24 j 08:41	5°♏50'39	
	-4421 Jan 09 j 13:54	0°♐	
morning set	-4421 Jan 19 j 21:42	18°♐12'05	
max. Earth dist.	-4421 Jan 24 j 01:58	26°♐13'10	1.35215 AU
	-4421 Jan 25 j 23:44	0°♑	
superior conj	-4421 Jan 28 j 18:35	5°♑38'33	-1°-26'-26
minimum elong	-4421 Jan 28 j 21:40	5°♑54'20	1°26'17
evening rise	-4421 Feb 05 j 12:01	21°♑38'47	
asc. node	-4421 Feb 07 j 12:20	25°♑44'37	
	-4421 Feb 09 j 16:01	0°♒	
evening max el	-4421 Feb 24 j 07:53	21°♒54'12	20°40'21
retrograde	-4421 Mar 07 j 09:11	27°♒09'36	
evening set	-4421 Mar 09 j 18:07	26°♒56'02	
inferior conj	-4421 Mar 18 j 18:59	22°♒58'07	0°58'00
minimum elong	-4421 Mar 18 j 21:32	22°♒54'24	0°57'00
min. Earth dist.	-4421 Mar 20 j 01:39	22°♒13'41	0.55348 AU
desc. node	-4421 Mar 22 j 07:46	20°♒58'23	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning rise	-4421 Mar 27 j 23:17	18°♒42'21	
direct	-4421 Mar 31 j 08:11	18°♒17'37	
morning max el	-4421 Apr 13 j 15:14	24°♒46'19	22°59'15
	-4421 Apr 18 j 09:59	0°♓	
morning set	-4421 May 06 j 07:13	0°♈36'18	
	-4421 May 06 j 00:14	0°♈	
asc. node	-4421 May 06 j 12:02	1°♈01'28	
superior conj	-4421 May 13 j 12:14	15°♈56'31	1°06'48
minimum elong	-4421 May 13 j 09:43	15°♈43'10	1°06'26
max. Earth dist.	-4421 May 16 j 01:24	21°♈19'20	1.33990 AU
	-4421 May 20 j 07:05	0°♉	
evening rise	-4421 May 21 j 06:23	1°♉55'42	
	-4421 Jun 06 j 04:22	0°♊	
desc. node	-4421 Jun 18 j 06:17	16°♊43'52	
evening max el	-4421 Jun 24 j 10:09	23°♊26'26	27°19'03
	-4421 Jul 03 j 17:22	0°♋	
retrograde	-4421 Jul 07 j 22:17	0°♋51'15	
	-4421 Jul 11 j 21:20	30°℞♊	
evening set	-4421 Jul 14 j 23:41	28°♊06'03	
min. Earth dist.	-4421 Jul 18 j 16:28	24°♊37'34	0.64388 AU
inferior conj	-4421 Jul 21 j 00:11	22°♊05'59	-3°-29'-54
minimum elong	-4421 Jul 21 j 03:51	21°♊55'59	3°28'50
morning rise	-4421 Jul 27 j 09:38	16°♊37'47	
direct	-4421 Jul 30 j 02:27	15°♊59'54	
asc. node	-4421 Aug 02 j 11:32	16°♊58'38	
morning max el	-4421 Aug 05 j 14:46	19°♊28'12	18°05'41
	-4421 Aug 13 j 10:28	0°♋	
morning set	-4421 Aug 23 j 08:40	16°♋33'12	
	-4421 Aug 31 j 09:06	0°♌	
superior conj	-4421 Sep 05 j 19:10	8°♌51'23	0°51'49
minimum elong	-4421 Sep 06 j 00:34	9°♌13'10	0°51'20
max. Earth dist.	-4421 Sep 10 j 10:14	16°♌16'26	1.44320 AU
desc. node	-4421 Sep 14 j 05:36	22°♌17'33	
	-4421 Sep 19 j 03:53	0°♍	
evening rise	-4421 Sep 22 j 08:02	4°♍55'20	
	-4421 Oct 08 j 21:43	0°♎	
greatest brilliancy	-4421 Oct 11 j 12:20	3°♎41'47	-0.6m
evening max el	-4421 Oct 18 j 14:27	12°♎29'18	20°05'39
retrograde	-4421 Oct 26 j 06:56	16°♎59'36	
asc. node	-4421 Oct 29 j 10:24	16°♎02'08	
evening set	-4421 Oct 29 j 20:22	15°♎45'52	
inferior conj	-4421 Nov 04 j 09:23	9°♎40'55	1°56'22
minimum elong	-4421 Nov 04 j 06:55	9°♎49'07	1°55'26
min. Earth dist.	-4421 Nov 05 j 05:59	8°♎32'18	0.66605 AU
morning rise	-4421 Nov 09 j 16:51	3°♎24'35	
direct	-4421 Nov 15 j 10:48	0°♎54'43	
morning max el	-4421 Nov 27 j 05:15	7°♎54'22	25°06'57
desc. node	-4421 Dec 11 j 05:38	25°♎12'39	
	-4421 Dec 14 j 13:51	0°♏	
morning set	-4420 Jan 02 j 08:32	0°♐26'34	
	-4420 Jan 02 j 02:35	0°♐	
max. Earth dist.	-4420 Jan 06 j 03:16	7°♐19'58	1.36919 AU
superior conj	-4420 Jan 12 j 08:19	19°♐13'57	-1°-42'-56
minimum elong	-4420 Jan 12 j 11:01	19°♐27'15	1°42'57
	-4420 Jan 17 j 17:28	0°♑	
evening rise	-4420 Jan 20 j 15:21	5°♑52'35	
asc. node	-4420 Jan 25 j 09:21	15°♑11'05	
	-4420 Feb 03 j 13:39	0°♒	
evening max el	-4420 Feb 06 j 21:30	3°♒41'32	19°32'45
retrograde	-4420 Feb 16 j 06:47	8°♒08'40	
evening set	-4420 Feb 18 j 14:53	7°♒53'21	
inferior conj	-4420 Feb 27 j 00:45	3°♒47'55	2°35'38
minimum elong	-4420 Feb 27 j 05:49	3°♒39'43	2°34'06
min. Earth dist.	-4420 Feb 29 j 16:24	2°♒05'42	0.56328 AU
	-4420 Mar 04 j 09:53	30°℞♑	
morning rise	-4420 Mar 06 j 17:10	29°♑03'29	
desc. node	-4420 Mar 08 j 04:54	28°♑38'10	
direct	-4420 Mar 11 j 05:53	28°♑16'59	
	-4420 Mar 17 j 23:24	0°♒	
morning max el	-4420 Mar 25 j 06:45	5°♒23'16	24°37'56
	-4420 Apr 11 j 20:29	0°♓	
morning set	-4420 Apr 19 j 19:26	15°♓38'53	
asc. node	-4420 Apr 22 j 08:59	21°♓05'59	
	-4420 Apr 26 j 11:39	0°♈	
superior conj	-4420 Apr 26 j 21:07	0°♈51'18	0°45'15
minimum elong	-4420 Apr 26 j 19:15	0°♈41'11	0°44'52
max. Earth dist.	-4420 Apr 28 j 07:53	3°♈59'00	1.33182 AU
evening rise	-4420 May 04 j 05:32	16°♈22'07	
	-4420 May 11 j 07:01	0°♉	
	-4420 May 30 j 23:45	0°♊	
desc. node	-4420 Jun 04 j 03:26	4°♊39'00	
evening max el	-4420 Jun 05 j 19:16	6°♊18'12	27°23'12
retrograde	-4420 Jun 19 j 15:00	13°♊42'41	
evening set	-4420 Jun 26 j 17:46	11°♊12'29	
min. Earth dist.	-4420 Jun 30 j 07:53	8°♊13'14	0.62718 AU
inferior conj	-4420 Jul 03 j 05:04	5°♊24'47	-4°00'-46
minimum elong	-4420 Jul 03 j 07:55	5°♊17'48	4°00'12
morning rise	-4420 Jul 10 j 00:24	0°♊15'36	
	-4420 Jul 10 j 19:09	30°℞♉	
direct	-4420 Jul 12 j 13:57	29°♉45'07	
	-4420 Jul 14 j 08:22	0°♊	
morning max el	-4420 Jul 19 j 05:30	3°♊09'13	17°56'37
asc. node	-4420 Jul 19 j 08:35	3°♊16'51	
morning set	-4420 Aug 04 j 16:21	28°♊46'57	
	-4420 Aug 05 j 08:47	0°♋	
superior conj	-4420 Aug 16 j 05:34	18°♋54'08	1°25'02
minimum elong	-4420 Aug 16 j 10:56	19°♋16'48	1°24'44
	-4420 Aug 22 j 22:26	0°♌	
max. Earth dist.	-4420 Aug 22 j 23:45	0°♌05'23	1.43189 AU
evening rise	-4420 Aug 31 j 11:45	13°♌35'26	
desc. node	-4420 Aug 31 j 02:33	12°♌59'38	
	-4420 Sep 11 j 06:28	0°♍	
greatest brilliancy	-4420 Sep 25 j 05:56	19°♍42'19	-0.5m
evening max el	-4420 Sep 30 j 13:52	25°♍54'58	21°12'58
	-4420 Oct 05 j 15:28	0°♎	
retrograde	-4420 Oct 09 j 03:40	0°♎59'41	
	-4420 Oct 12 j 10:02	30°℞♍	
evening set	-4420 Oct 13 j 04:07	29°♍28'49	
asc. node	-4420 Oct 15 j 07:31	27°♍27'03	
inferior conj	-4420 Oct 18 j 14:02	23°♍15'20	1°06'08
minimum elong	-4420 Oct 18 j 12:33	23°♍20'26	1°05'33
min. Earth dist.	-4420 Oct 18 j 23:30	22°♍42'51	0.67158 AU
morning rise	-4420 Oct 23 j 20:36	16°♍57'36	
direct	-4420 Oct 28 j 23:15	14°♍47'39	
morning max el	-4420 Nov 08 j 14:07	21°♍08'19	23°42'11
	-4420 Nov 16 j 05:06	0°♎	
desc. node	-4420 Nov 27 j 02:33	15°♎03'27	
	-4420 Dec 06 j 20:39	0°♏	
morning set	-4420 Dec 13 j 19:36	11°♏26'44	
max. Earth dist.	-4420 Dec 17 j 22:55	18°♏35'48	1.38924 AU
	-4420 Dec 24 j 05:59	0°♐	
superior conj	-4420 Dec 25 j 08:52	2°♐05'42	-1°-52'-37
minimum elong	-4420 Dec 25 j 10:02	2°♐11'09	1°52'47
evening rise	-4419 Jan 03 j 11:27	19°♐38'55	
	-4419 Jan 08 j 21:59	0°♑	
asc. node	-4419 Jan 11 j 06:24	4°♑10'44	
evening max el	-4419 Jan 19 j 20:47	16°♑02'34	18°44'31
retrograde	-4419 Jan 27 j 21:16	19°♑55'10	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4419 Jan 30 j 07:55	19°♑34'58	
inferior conj	-4419 Feb 07 j 01:11	15°♑11'30	3°36'57
minimum elong	-4419 Feb 07 j 04:56	15°♑04'28	3°36'09
min. Earth dist.	-4419 Feb 10 j 08:38	12°♑44'14	0.57966 AU
morning rise	-4419 Feb 14 j 22:17	9°♑59'31	
direct	-4419 Feb 20 j 16:30	8°♑38'11	
desc. node	-4419 Feb 23 j 01:59	8°♑52'14	
morning max el	-4419 Mar 06 j 22:21	16°♑04'45	26°06'33
	-4419 Mar 18 j 05:53	0°♒	
	-4419 Apr 03 j 23:24	0°♓	
morning set	-4419 Apr 04 j 07:10	0°♓40'35	
asc. node	-4419 Apr 09 j 05:56	11°♓17'43	
superior conj	-4419 Apr 11 j 08:18	15°♓52'50	0°21'42
minimum elong	-4419 Apr 11 j 07:21	15°♓47'41	0°21'26
max. Earth dist.	-4419 Apr 11 j 19:52	16°♓56'07	1.32718 AU
	-4419 Apr 17 j 21:58	0°♈	
evening rise	-4419 Apr 18 j 11:01	1°♈07'46	
	-4419 May 04 j 08:30	0°♉	
evening max el	-4419 May 19 j 00:03	18°♉34'33	26°54'36
desc. node	-4419 May 22 j 00:34	21°♉13'40	
retrograde	-4419 Jun 02 j 00:17	25°♉55'32	
evening set	-4419 Jun 08 j 18:26	23°♉53'55	
min. Earth dist.	-4419 Jun 12 j 13:34	21°♉10'46	0.60776 AU
inferior conj	-4419 Jun 15 j 20:36	18°♉22'04	-4°-15'-49
minimum elong	-4419 Jun 15 j 21:19	18°♉20'31	4°15'41
morning rise	-4419 Jun 23 j 03:17	13°♉34'09	
direct	-4419 Jun 25 j 15:16	13°♉09'18	
morning max el	-4419 Jul 02 j 18:09	16°♉38'56	18°06'29
asc. node	-4419 Jul 06 j 05:36	20°♉40'37	
	-4419 Jul 12 j 04:44	0°♊	
morning set	-4419 Jul 18 j 17:33	11°♊52'23	
superior conj	-4419 Jul 28 j 19:11	0°♋18'16	1°43'31
minimum elong	-4419 Jul 28 j 22:01	0°♋30'52	1°43'35
	-4419 Jul 28 j 15:05	0°♋	
max. Earth dist.	-4419 Aug 05 j 08:12	13°♋20'05	1.41560 AU
evening rise	-4419 Aug 11 j 02:40	22°♋48'36	
	-4419 Aug 15 j 15:40	0°♌	
desc. node	-4419 Aug 17 j 23:33	3°♌36'11	
	-4419 Sep 05 j 08:59	0°♍	
greatest brilliancy	-4419 Sep 08 j 13:26	4°♍00'57	-0.3m
evening max el	-4419 Sep 13 j 07:15	9°♍20'27	22°29'40
retrograde	-4419 Sep 22 j 22:29	15°♍03'27	
evening set	-4419 Sep 27 j 12:03	13°♍13'16	
asc. node	-4419 Oct 02 j 04:38	7°♍48'58	
inferior conj	-4419 Oct 02 j 20:25	6°♍54'35	0°13'29
minimum elong	-4419 Oct 02 j 20:06	6°♍55'40	0°13'26
transit middle	-4419 Oct 02 j 20:06	6°♍55'40	0°13'26
transit begin	-4419 Oct 02 j 18:34	7°♍00'59	
transit end	-4419 Oct 02 j 21:39	6°♍50'21	
min. Earth dist.	-4419 Oct 02 j 19:29	6°♍57'48	0.67403 AU
morning rise	-4419 Oct 08 j 04:03	0°♍38'30	
	-4419 Oct 09 j 01:00	30°℞♌	
direct	-4419 Oct 12 j 15:52	28°♌50'14	
	-4419 Oct 16 j 14:33	0°♍	
morning max el	-4419 Oct 22 j 02:05	4°♍26'41	22°16'28
greatest brilliancy	-4419 Oct 26 j 19:47	9°♍48'21	-0.3m
	-4419 Nov 10 j 11:16	0°♎	
desc. node	-4419 Nov 13 j 23:28	5°♎15'02	
morning set	-4419 Nov 24 j 02:17	21°♎03'36	
	-4419 Nov 29 j 12:42	0°♏	
max. Earth dist.	-4419 Nov 29 j 21:23	0°♏36'27	1.40981 AU
superior conj	-4419 Dec 07 j 15:13	14°♏01'00	-1°-52'-15
minimum elong	-4419 Dec 07 j 13:27	13°♏53'09	1°52'21
	-4419 Dec 16 j 08:39	0°♐	
evening rise	-4419 Dec 17 j 21:18	2°♐51'16	
asc. node	-4419 Dec 29 j 03:28	22°♐34'57	
evening max el	-4418 Jan 03 j 03:21	28°♐50'07	18°16'17
	-4418 Jan 04 j 10:29	0°♑	
retrograde	-4418 Jan 10 j 06:15	2°♑23'52	
evening set	-4418 Jan 12 j 19:21	1°♑57'32	
	-4418 Jan 16 j 10:43	30°℞♐	
inferior conj	-4418 Jan 19 j 21:54	27°♐12'03	4°02'26
minimum elong	-4418 Jan 19 j 22:48	27°♐10'06	4°02'11
min. Earth dist.	-4418 Jan 23 j 05:18	24°♐20'52	0.59928 AU
morning rise	-4418 Jan 26 j 23:17	21°♐38'47	
direct	-4418 Feb 02 j 14:40	19°♐38'57	
desc. node	-4418 Feb 09 j 23:04	21°♐52'56	
morning max el	-4418 Feb 16 j 19:08	27°♐15'45	27°10'32
	-4418 Feb 19 j 10:33	0°♑	
	-4418 Mar 11 j 17:34	0°♒	
morning set	-4418 Mar 19 j 16:33	15°♒33'48	
	-4418 Mar 26 j 10:09	0°♓	
superior conj	-4418 Mar 26 j 20:00	0°♓53'50	0°-3'00
minimum elong	-4418 Mar 26 j 20:08	0°♓54'36	0°03'05
behind sun begin	-4418 Mar 26 j 15:12	0°♓27'38	
behind sun end	-4418 Mar 27 j 01:04	1°♓21'34	
max. Earth dist.	-4418 Mar 26 j 09:28	29°♒56'12	1.32586 AU
asc. node	-4418 Mar 27 j 02:54	1°♓31'35	
evening rise	-4418 Apr 02 j 20:22	16°♓02'56	
	-4418 Apr 09 j 21:01	0°♈	
	-4418 Apr 30 j 19:13	0°♉	
evening max el	-4418 Apr 30 j 22:28	0°♉07'48	25°54'47
desc. node	-4418 May 08 j 21:43	5°♉54'44	
retrograde	-4418 May 15 j 00:33	7°♉23'14	
evening set	-4418 May 20 j 22:10	5°♉58'51	
min. Earth dist.	-4418 May 25 j 10:59	3°♉15'05	0.58740 AU
inferior conj	-4418 May 28 j 19:02	0°♉47'14	-4°-6'-47
minimum elong	-4418 May 28 j 16:27	0°♉52'02	4°06'28
	-4418 May 29 j 20:41	30°℞♈	
morning rise	-4418 Jun 05 j 14:38	26°♈21'31	
direct	-4418 Jun 08 j 01:57	26°♈01'13	
morning max el	-4418 Jun 16 j 01:51	29°♈48'33	18°36'10
	-4418 Jun 16 j 06:39	0°♉	
asc. node	-4418 Jun 23 j 02:37	8°♉54'58	
morning set	-4418 Jul 02 j 07:32	25°♉36'49	
	-4418 Jul 04 j 13:55	0°♊	
superior conj	-4418 Jul 11 j 07:17	12°♊50'40	1°49'19
minimum elong	-4418 Jul 11 j 07:28	12°♊51'30	1°49'31
max. Earth dist.	-4418 Jul 18 j 11:26	25°♊51'00	1.39649 AU
	-4418 Jul 20 j 20:51	0°♋	
evening rise	-4418 Jul 22 j 17:49	3°♋11'11	
desc. node	-4418 Aug 04 j 20:34	24°♋02'47	
	-4418 Aug 08 j 21:37	0°♌	
evening max el	-4418 Aug 26 j 19:57	22°♌46'50	23°50'29
retrograde	-4418 Sep 06 j 14:14	29°♌07'46	
evening set	-4418 Sep 11 j 18:24	26°♌57'35	
min. Earth dist.	-4418 Sep 16 j 15:34	21°♌15'21	0.67340 AU
inferior conj	-4418 Sep 17 j 02:49	20°♌37'04	0°-39'-53
minimum elong	-4418 Sep 17 j 03:44	20°♌33'54	0°39'22
asc. node	-4418 Sep 19 j 01:45	18°♌01'18	
morning rise	-4418 Sep 22 j 13:14	14°♌25'42	
direct	-4418 Sep 26 j 11:42	12°♌58'05	
morning max el	-4418 Oct 04 j 20:09	17°♌52'53	20°57'11
greatest brilliancy	-4418 Oct 10 j 14:16	24°♌39'37	-0.5m
	-4418 Oct 14 j 13:10	0°♍	
desc. node	-4418 Oct 31 j 20:24	25°♍41'18	
morning set	-4418 Nov 03 j 08:18	29°♍33'51	
	-4418 Nov 03 j 15:00	0°♎	
max. Earth dist.	-4418 Nov 12 j 02:48	13°♎31'26	1.42786 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4418 Nov 18 j 21:39	24°♎45'59	-1°-38'-7
minimum elong	-4418 Nov 18 j 16:19	24°♎23'26	1°37'49
	-4418 Nov 21 j 23:20	0°♏	
evening rise	-4418 Nov 30 j 17:10	15°♏21'53	
	-4418 Dec 09 j 01:29	0°♐	
asc. node	-4418 Dec 16 j 00:33	10°♐13'13	
evening max el	-4418 Dec 17 j 14:25	11°♐56'46	18°07'53
retrograde	-4418 Dec 24 j 06:14	15°♐25'13	
evening set	-4418 Dec 26 j 21:55	14°♐51'51	
inferior conj	-4417 Jan 02 j 12:24	9°♐44'38	4°00'26
minimum elong	-4417 Jan 02 j 10:54	9°♐48'23	4°00'08
min. Earth dist.	-4417 Jan 05 j 09:58	6°♐52'39	0.61899 AU
morning rise	-4417 Jan 08 j 21:41	3°♐55'57	
direct	-4417 Jan 15 j 22:31	1°♐25'06	
desc. node	-4417 Jan 27 j 20:07	7°♐11'03	
morning max el	-4417 Jan 29 j 22:23	9°♐07'47	27°40'24
	-4417 Feb 15 j 02:52	0°♑	
morning set	-4417 Mar 03 j 21:38	0°♒11'28	
	-4417 Mar 03 j 19:23	0°♒	
max. Earth dist.	-4417 Mar 09 j 20:44	12°♒44'59	1.32802 AU
superior conj	-4417 Mar 11 j 06:39	15°♒48'38	0°-27'-58
minimum elong	-4417 Mar 11 j 07:54	15°♒55'25	0°27'52
asc. node	-4417 Mar 13 j 23:54	21°♒43'31	
	-4417 Mar 17 j 20:13	0°♓	
evening rise	-4417 Mar 18 j 07:42	1°♓00'37	
	-4417 Apr 03 j 10:29	0°♈	
evening max el	-4417 Apr 12 j 15:29	11°♈04'49	24°31'30
desc. node	-4417 Apr 25 j 18:52	18°♈05'27	
retrograde	-4417 Apr 26 j 13:59	18°♈06'56	
evening set	-4417 May 01 j 05:13	17°♈18'23	
min. Earth dist.	-4417 May 07 j 03:29	14°♈18'30	0.56903 AU
inferior conj	-4417 May 09 j 21:36	12°♈32'09	-3°-23'-37
minimum elong	-4417 May 09 j 16:09	12°♈40'59	3°22'26
morning rise	-4417 May 18 j 07:15	8°♈25'27	
direct	-4417 May 20 j 18:04	8°♈08'50	
morning max el	-4417 May 30 j 01:49	12°♈28'54	19°26'13
asc. node	-4417 Jun 09 j 23:38	27°♈48'03	
	-4417 Jun 11 j 04:35	0°♉	
morning set	-4417 Jun 16 j 06:43	9°♉51'04	
superior conj	-4417 Jun 24 j 12:10	26°♉15'19	1°45'22
minimum elong	-4417 Jun 24 j 10:31	26°♉07'15	1°45'27
	-4417 Jun 26 j 10:26	0°♊	
max. Earth dist.	-4417 Jun 30 j 13:07	7°♊45'57	1.37721 AU
evening rise	-4417 Jul 04 j 10:52	14°♊50'29	
	-4417 Jul 13 j 10:12	0°♋	
desc. node	-4417 Jul 22 j 17:37	14°♋14'00	
	-4417 Aug 03 j 13:41	0°♌	
evening max el	-4417 Aug 09 j 06:34	6°♌15'50	25°08'23
retrograde	-4417 Aug 21 j 02:02	13°♌08'01	
evening set	-4417 Aug 26 j 21:18	10°♌39'35	
min. Earth dist.	-4417 Aug 31 j 09:19	5°♌33'25	0.66968 AU
inferior conj	-4417 Sep 01 j 07:28	4°♌20'37	-1°-32'-24
minimum elong	-4417 Sep 01 j 09:35	4°♌13'39	1°31'24
	-4417 Sep 04 j 21:50	30°℞♋	
asc. node	-4417 Sep 05 j 22:54	29°♋01'31	
morning rise	-4417 Sep 06 j 22:19	28°♋17'02	
direct	-4417 Sep 10 j 09:30	27°♋07'26	
	-4417 Sep 16 j 08:45	0°♌	
morning max el	-4417 Sep 17 j 21:22	1°♌27'17	19°49'17
greatest brilliancy	-4417 Sep 25 j 20:24	11°♌28'04	-0.6m
	-4417 Oct 08 j 05:33	0°♍	
morning set	-4417 Oct 13 j 07:14	7°♍50'08	
desc. node	-4417 Oct 18 j 17:19	16°♍16'50	
max. Earth dist.	-4417 Oct 25 j 14:43	27°♍09'07	1.44097 AU
	-4417 Oct 27 j 09:33	0°♎	

superior conj	-4417 Oct 30 j 00:26	4°♎12'42	-1°-7'-33
minimum elong	-4417 Oct 29 j 17:40	3°♎45'25	1°06'49
evening rise	-4417 Nov 12 j 18:20	27°♎00'01	
	-4417 Nov 14 j 12:44	0°♏	
evening max el	-4417 Dec 01 j 03:09	25°♏15'00	18°18'36
asc. node	-4417 Dec 02 j 21:41	26°♏51'26	
retrograde	-4417 Dec 07 j 16:35	28°♏49'04	
evening set	-4417 Dec 10 j 11:57	28°♏07'16	
inferior conj	-4417 Dec 16 j 16:49	22°♏40'17	3°39'27
minimum elong	-4417 Dec 16 j 13:58	22°♏48'13	3°38'48
min. Earth dist.	-4417 Dec 19 j 00:23	20°♏06'17	0.63655 AU
morning rise	-4417 Dec 22 j 14:23	16°♏40'24	
direct	-4417 Dec 29 j 14:25	13°♏52'47	
morning max el	-4416 Jan 12 j 06:08	21°♏36'14	27°34'05
desc. node	-4416 Jan 14 j 17:10	24°♏09'46	
	-4416 Jan 19 j 15:46	0°♐	
	-4416 Feb 08 j 04:47	0°♑	
morning set	-4416 Feb 15 j 19:53	14°♑24'37	
max. Earth dist.	-4416 Feb 21 j 01:41	25°♑08'38	1.33399 AU
	-4416 Feb 23 j 08:39	0°♒	
superior conj	-4416 Feb 23 j 14:28	0°♒31'01	0°-52'-18
minimum elong	-4416 Feb 23 j 16:42	0°♒42'59	0°52'05
asc. node	-4416 Feb 28 j 20:55	11°♒49'14	
evening rise	-4416 Mar 01 j 19:12	15°♒54'12	
	-4416 Mar 08 j 21:50	0°♓	
evening max el	-4416 Mar 24 j 07:55	21°♓48'04	22°57'46
retrograde	-4416 Apr 06 j 14:50	28°♓19'50	
evening set	-4416 Apr 09 j 23:27	27°♓55'09	
desc. node	-4416 Apr 11 j 16:01	27°♓25'13	
min. Earth dist.	-4416 Apr 17 j 18:13	24°♓27'25	0.55619 AU
inferior conj	-4416 Apr 19 j 05:13	23°♓36'34	-2°00'-39
minimum elong	-4416 Apr 19 j 00:15	23°♓43'48	1°59'10
morning rise	-4416 Apr 28 j 03:50	19°♓39'02	
direct	-4416 Apr 30 j 16:18	19°♓23'53	
morning max el	-4416 May 11 j 15:41	24°♓31'15	20°36'17
	-4416 May 16 j 12:25	0°♈	
asc. node	-4416 May 26 j 20:40	17°♈10'27	
morning set	-4416 May 30 j 12:17	24°♈27'47	
	-4416 Jun 02 j 04:53	0°♉	
superior conj	-4416 Jun 07 j 05:03	10°♉18'29	1°34'15
minimum elong	-4416 Jun 07 j 02:30	10°♉05'31	1°34'07
max. Earth dist.	-4416 Jun 11 j 19:57	19°♉31'53	1.36002 AU
evening rise	-4416 Jun 16 j 01:31	27°♉35'54	
	-4416 Jun 17 j 08:46	0°♊	
	-4416 Jul 05 j 17:43	0°♋	
desc. node	-4416 Jul 08 j 14:41	4°♋03'02	
evening max el	-4416 Jul 21 j 17:26	19°♋47'01	26°15'18
retrograde	-4416 Aug 03 j 09:10	26°♋59'26	
evening set	-4416 Aug 09 j 18:41	24°♋17'34	
min. Earth dist.	-4416 Aug 13 j 22:24	19°♋49'39	0.66260 AU
inferior conj	-4416 Aug 15 j 08:32	18°♋03'34	-2°-22'-13
minimum elong	-4416 Aug 15 j 11:38	17°♋53'55	2°20'57
morning rise	-4416 Aug 21 j 05:23	12°♋10'58	
asc. node	-4416 Aug 22 j 20:01	11°♋28'41	
direct	-4416 Aug 24 j 07:39	11°♋16'04	
morning max el	-4416 Aug 31 j 05:08	15°♋09'10	18°55'59
	-4416 Sep 11 j 03:44	0°♌	
morning set	-4416 Sep 21 j 21:55	16°♌56'43	
	-4416 Sep 30 j 04:02	0°♍	
desc. node	-4416 Oct 04 j 14:15	6°♍58'29	
max. Earth dist.	-4416 Oct 07 j 07:11	11°♍14'20	1.44760 AU
superior conj	-4416 Oct 08 j 04:57	12°♍40'08	0°-22'-41
minimum elong	-4416 Oct 08 j 02:00	12°♍28'32	0°22'14
	-4416 Oct 19 j 02:46	0°♎	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4416 Oct 23 j 20:16	7°♎36'59	
	-4416 Nov 06 j 22:15	0°♏	
evening max el	-4416 Nov 13 j 14:54	8°♏39'41	18°47'21
asc. node	-4416 Nov 18 j 18:49	12°♏14'23	
retrograde	-4416 Nov 20 j 09:28	12°♏28'47	
evening set	-4416 Nov 23 j 10:14	11°♏36'29	
inferior conj	-4416 Nov 29 j 07:31	5°♏52'18	3°05'43
minimum elong	-4416 Nov 29 j 04:19	6°♏02'03	3°04'45
min. Earth dist.	-4416 Dec 01 j 00:31	3°♏48'01	0.65086 AU
morning rise	-4416 Dec 04 j 21:17	29°♎44'12	
	-4416 Dec 04 j 14:04	30°℞♎	
direct	-4416 Dec 11 j 12:55	26°♎54'50	
	-4416 Dec 19 j 10:23	0°♏	
morning max el	-4416 Dec 24 j 15:38	4°♏30'12	26°55'20
desc. node	-4416 Dec 31 j 14:10	12°♏19'57	
	-4415 Jan 13 j 03:46	0°♐	
morning set	-4415 Jan 29 j 08:01	28°♐02'40	
	-4415 Jan 30 j 08:19	0°♑	
max. Earth dist.	-4415 Feb 02 j 20:44	6°♑58'15	1.34426 AU
superior conj	-4415 Feb 06 j 17:24	14°♑54'13	-1°-14'-51
minimum elong	-4415 Feb 06 j 20:20	15°♑09'28	1°14'38
	-4415 Feb 13 j 21:50	0°♒	
evening rise	-4415 Feb 14 j 05:05	0°♒37'42	
asc. node	-4415 Feb 14 j 17:56	1°♒44'12	
	-4415 Mar 03 j 15:13	0°♓	
evening max el	-4415 Mar 06 j 05:51	2°♓44'05	21°27'02
retrograde	-4415 Mar 18 j 05:25	8°♓28'42	
evening set	-4415 Mar 20 j 19:06	8°♓13'43	
desc. node	-4415 Mar 29 j 13:10	4°♓30'56	
inferior conj	-4415 Mar 30 j 01:28	4°♓13'39	0°-8'-29
minimum elong	-4415 Mar 30 j 01:04	4°♓14'13	0°08'28
transit middle	-4415 Mar 30 j 01:04	4°♓14'13	0°08'28
transit begin	-4415 Mar 29 j 21:35	4°♓19'06	
transit end	-4415 Mar 30 j 04:32	4°♓09'19	
min. Earth dist.	-4415 Mar 30 j 08:23	4°♓03'53	0.55178 AU
morning rise	-4415 Apr 08 j 06:55	0°♓09'35	
	-4415 Apr 09 j 04:10	30°℞♒	
direct	-4415 Apr 11 j 05:07	29°♒50'45	
	-4415 Apr 13 j 05:22	0°♓	
morning max el	-4415 Apr 23 j 18:32	5°♓51'16	22°03'41
	-4415 May 10 j 06:25	0°♈	
asc. node	-4415 May 13 j 17:39	6°♈53'55	
morning set	-4415 May 14 j 21:55	9°♈19'32	
superior conj	-4415 May 22 j 06:13	24°♈48'12	1°17'56
minimum elong	-4415 May 22 j 03:32	24°♈34'05	1°17'38
	-4415 May 24 j 18:09	0°♉	
max. Earth dist.	-4415 May 25 j 12:21	1°♉33'26	1.34618 AU
evening rise	-4415 May 30 j 08:12	11°♉10'53	
	-4415 Jun 09 j 18:18	0°♊	
desc. node	-4415 Jun 25 j 11:47	23°♊19'28	
	-4415 Jul 01 j 02:25	0°♋	
evening max el	-4415 Jul 04 j 04:55	3°♋12'17	27°03'10
retrograde	-4415 Jul 17 j 10:56	10°♋34'07	
evening set	-4415 Jul 24 j 08:00	7°♋47'07	
min. Earth dist.	-4415 Jul 28 j 04:20	3°♋57'46	0.65183 AU
inferior conj	-4415 Jul 30 j 03:50	1°♋41'17	-3°-7'-14
minimum elong	-4415 Jul 30 j 07:29	1°♋30'46	3°06'01
	-4415 Jul 31 j 15:44	30°℞♊	
morning rise	-4415 Aug 05 j 08:14	26°♊03'06	
direct	-4415 Aug 08 j 03:57	25°♊19'41	
asc. node	-4415 Aug 09 j 17:07	25°♊32'40	
morning max el	-4415 Aug 14 j 17:32	28°♊54'25	18°19'04
	-4415 Aug 15 j 18:07	0°♋	
morning set	-4415 Sep 02 j 15:18	27°♋21'18	
	-4415 Sep 04 j 05:50	0°♌	
superior conj	-4415 Sep 17 j 05:47	21°♌01'28	0°26'33
minimum elong	-4415 Sep 17 j 09:03	21°♌14'29	0°26'15
max. Earth dist.	-4415 Sep 20 j 01:24	25°♌29'24	1.44694 AU
desc. node	-4415 Sep 21 j 11:11	27°♌42'42	
	-4415 Sep 22 j 22:03	0°♍	
evening rise	-4415 Oct 03 j 21:14	17°♍10'07	
	-4415 Oct 12 j 03:07	0°♎	
greatest brilliancy	-4415 Oct 19 j 04:31	10°♎41'54	-0.7m
evening max el	-4415 Oct 27 j 23:14	22°♎06'42	19°32'44
retrograde	-4415 Nov 04 j 05:43	26°♎19'23	
asc. node	-4415 Nov 05 j 15:56	26°♎07'37	
evening set	-4415 Nov 07 j 13:59	25°♎14'06	
inferior conj	-4415 Nov 13 j 05:32	19°♎15'45	2°23'27
minimum elong	-4415 Nov 13 j 02:39	19°♎25'04	2°22'25
min. Earth dist.	-4415 Nov 14 j 09:05	17°♎46'32	0.66154 AU
morning rise	-4415 Nov 18 j 14:35	13°♎01'51	
direct	-4415 Nov 24 j 17:07	10°♎22'44	
morning max el	-4415 Dec 07 j 00:58	17°♎38'26	25°51'31
	-4415 Dec 17 j 11:12	0°♏	
desc. node	-4415 Dec 18 j 11:10	1°♏20'29	
	-4414 Jan 06 j 02:41	0°♐	
morning set	-4414 Jan 12 j 05:41	10°♐52'31	
max. Earth dist.	-4414 Jan 16 j 04:23	18°♐17'24	1.35897 AU
superior conj	-4414 Jan 21 j 12:54	28°♐50'24	-1°-34'-7
minimum elong	-4414 Jan 21 j 15:56	29°♐05'42	1°34'01
	-4414 Jan 22 j 02:41	0°♑	
evening rise	-4414 Jan 29 j 11:28	15°♑04'58	
asc. node	-4414 Feb 01 j 14:57	21°♑23'19	
	-4414 Feb 06 j 05:41	0°♒	
evening max el	-4414 Feb 16 j 13:22	14°♒11'08	20°09'18
retrograde	-4414 Feb 26 j 20:55	19°♒04'37	
evening set	-4414 Mar 01 j 04:58	18°♒50'40	
inferior conj	-4414 Mar 09 j 23:58	14°♒51'10	1°43'14
minimum elong	-4414 Mar 10 j 04:06	14°♒44'55	1°41'47
min. Earth dist.	-4414 Mar 11 j 22:26	13°♒41'29	0.55668 AU
desc. node	-4414 Mar 16 j 10:18	11°♒19'46	
morning rise	-4414 Mar 19 j 00:39	10°♒24'19	
direct	-4414 Mar 22 j 20:35	9°♒52'09	
morning max el	-4414 Apr 05 j 12:45	16°♒38'15	23°41'34
	-4414 Apr 16 j 04:56	0°♓	
morning set	-4414 Apr 29 j 09:42	24°♓20'21	
asc. node	-4414 Apr 30 j 14:37	26°♓52'37	
	-4414 May 02 j 01:47	0°♈	
superior conj	-4414 May 06 j 12:56	9°♈36'09	0°57'57
minimum elong	-4414 May 06 j 10:39	9°♈23'54	0°57'35
max. Earth dist.	-4414 May 08 j 14:32	14°♈00'52	1.33604 AU
evening rise	-4414 May 14 j 02:25	25°♈21'55	
	-4414 May 16 j 10:53	0°♉	
	-4414 Jun 03 j 05:35	0°♊	
desc. node	-4414 Jun 12 j 08:53	11°♊49'27	
evening max el	-4414 Jun 16 j 15:32	16°♊19'41	27°24'42
retrograde	-4414 Jun 30 j 06:55	23°♊44'01	
evening set	-4414 Jul 07 j 10:07	21°♊03'26	
min. Earth dist.	-4414 Jul 11 j 01:11	17°♊48'47	0.63723 AU
inferior conj	-4414 Jul 13 j 14:48	15°♊08'37	-3°-44'-29
minimum elong	-4414 Jul 13 j 18:16	14°♊59'35	3°43'39
morning rise	-4414 Jul 20 j 04:16	9°♊48'09	
direct	-4414 Jul 22 j 19:35	9°♊13'32	
asc. node	-4414 Jul 27 j 14:10	11°♊05'59	
morning max el	-4414 Jul 29 j 08:11	12°♊38'36	17°59'37
	-4414 Aug 10 j 05:24	0°♋	
morning set	-4414 Aug 15 j 10:24	8°♋59'02	
	-4414 Aug 27 j 20:15	0°♌	
superior conj	-4414 Aug 28 j 00:37	0°♌17'57	1°07'43

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4414 Aug 28 j 06:31	0°♌42'08	1°07'16
max. Earth dist.	-4414 Sep 02 j 17:53	9°♌34'38	1.43915 AU
desc. node	-4414 Sep 08 j 08:07	18°♌26'27	
evening rise	-4414 Sep 13 j 03:54	25°♌57'03	
	-4414 Sep 15 j 19:00	0°♍	
greatest brilliancy	-4414 Oct 04 j 21:00	28°♍03'35	-0.5m
	-4414 Oct 06 j 08:31	0°♎	
evening max el	-4414 Oct 11 j 02:10	5°♎33'01	20°32'48
retrograde	-4414 Oct 19 j 02:56	10°♎17'09	
evening set	-4414 Oct 22 j 20:52	8°♎56'13	
asc. node	-4414 Oct 23 j 13:03	8°♎24'24	
inferior conj	-4414 Oct 28 j 08:22	2°♎47'01	1°35'29
minimum elong	-4414 Oct 28 j 06:17	2°♎54'03	1°34'40
min. Earth dist.	-4414 Oct 28 j 23:59	1°♎54'10	0.66880 AU
	-4414 Oct 30 j 10:36	30°℞♍	
morning rise	-4414 Nov 02 j 15:13	26°♍29'53	
direct	-4414 Nov 08 j 02:36	24°♍08'23	
	-4414 Nov 18 j 12:34	0°♎	
morning max el	-4414 Nov 19 j 09:46	0°♎52'14	24°31'39
desc. node	-4414 Dec 05 j 08:06	20°♎56'08	
	-4414 Dec 11 j 10:59	0°♏	
morning set	-4414 Dec 25 j 07:10	22°♏37'30	
max. Earth dist.	-4414 Dec 29 j 02:52	29°♏25'55	1.37753 AU
	-4414 Dec 29 j 10:22	0°♐	
superior conj	-4413 Jan 04 j 21:34	12°♐08'49	-1°-48'-4
minimum elong	-4413 Jan 04 j 23:46	12°♐19'30	1°48'08
evening rise	-4413 Jan 13 j 12:05	29°♐08'27	
	-4413 Jan 13 j 22:30	0°♑	
asc. node	-4413 Jan 19 j 11:59	10°♑39'39	
evening max el	-4413 Jan 30 j 07:13	26°♑13'06	19°09'41
	-4413 Feb 05 j 07:42	0°♒	
retrograde	-4413 Feb 08 j 01:26	0°♒24'05	
evening set	-4413 Feb 10 j 10:25	0°♒06'59	
	-4413 Feb 10 j 21:18	30°℞♑	
inferior conj	-4413 Feb 18 j 13:05	25°♑54'20	3°06'24
minimum elong	-4413 Feb 18 j 17:58	25°♑45'57	3°05'07
min. Earth dist.	-4413 Feb 21 j 13:25	23°♑51'01	0.56963 AU
morning rise	-4413 Feb 26 j 21:46	20°♑57'27	
desc. node	-4413 Mar 03 j 07:24	19°♑58'44	
direct	-4413 Mar 03 j 23:15	19°♑57'42	
morning max el	-4413 Mar 18 j 03:43	27°♑14'10	25°17'51
	-4413 Mar 20 j 19:59	0°♒	
	-4413 Apr 09 j 06:51	0°♓	
morning set	-4413 Apr 13 j 21:55	9°♓23'21	
asc. node	-4413 Apr 17 j 11:34	17°♓00'45	
superior conj	-4413 Apr 20 j 23:00	24°♓34'24	0°35'26
minimum elong	-4413 Apr 20 j 21:30	24°♓26'13	0°35'06
max. Earth dist.	-4413 Apr 21 j 23:48	26°♓49'09	1.32942 AU
	-4413 Apr 23 j 11:08	0°♈	
evening rise	-4413 Apr 28 j 04:33	9°♈57'10	
	-4413 May 08 j 18:52	0°♉	
evening max el	-4413 May 29 j 22:50	28°♉56'23	27°15'00
desc. node	-4413 May 30 j 06:00	29°♉13'23	
	-4413 May 31 j 02:13	0°♊	
retrograde	-4413 Jun 12 j 20:35	6°♊20'01	
evening set	-4413 Jun 19 j 21:17	4°♊00'03	
min. Earth dist.	-4413 Jun 23 j 12:09	1°♊09'55	0.61915 AU
	-4413 Jun 24 j 18:56	30°℞♉	
inferior conj	-4413 Jun 26 j 14:24	28°♉18'45	-4°-9'-32
minimum elong	-4413 Jun 26 j 16:31	28°♉13'50	4°09'12
morning rise	-4413 Jul 03 j 14:24	23°♉18'47	
direct	-4413 Jul 06 j 03:09	22°♉50'54	
morning max el	-4413 Jul 12 j 22:24	26°♉15'47	17°58'34
asc. node	-4413 Jul 14 j 11:13	27°♉53'51	
	-4413 Jul 16 j 03:50	0°♊	
morning set	-4413 Jul 29 j 02:07	21°♊36'01	
	-4413 Aug 02 j 17:45	0°♋	
superior conj	-4413 Aug 08 j 22:57	10°♋56'29	1°34'36
minimum elong	-4413 Aug 09 j 03:23	11°♋15'34	1°34'29
max. Earth dist.	-4413 Aug 16 j 05:17	23°♋10'17	1.42536 AU
	-4413 Aug 20 j 10:19	0°♌	
evening rise	-4413 Aug 23 j 09:57	4°♌44'20	
desc. node	-4413 Aug 26 j 05:06	9°♌06'41	
	-4413 Sep 09 j 04:26	0°♍	
greatest brilliancy	-4413 Sep 19 j 00:47	13°♍20'53	-0.4m
evening max el	-4413 Sep 23 j 22:49	18°♍58'16	21°44'41
retrograde	-4413 Oct 02 j 23:12	24°♍19'38	
evening set	-4413 Oct 07 j 04:57	22°♍40'43	
asc. node	-4413 Oct 10 j 10:10	19°♍18'06	
inferior conj	-4413 Oct 12 j 14:00	16°♍24'19	0°44'02
minimum elong	-4413 Oct 12 j 12:59	16°♍27'47	0°43'40
min. Earth dist.	-4413 Oct 12 j 18:56	16°♍07'15	0.67291 AU
morning rise	-4413 Oct 17 j 20:46	10°♍06'46	
direct	-4413 Oct 22 j 16:51	8°♍06'12	
morning max el	-4413 Nov 01 j 19:44	14°♍08'52	23°05'26
greatest brilliancy	-4413 Nov 06 j 20:23	19°♍48'25	-0.3m
	-4413 Nov 14 j 14:42	0°♎	
desc. node	-4413 Nov 22 j 05:02	10°♎57'01	
	-4413 Dec 04 j 10:00	0°♏	
morning set	-4413 Dec 06 j 06:35	3°♏03'31	
max. Earth dist.	-4413 Dec 10 j 22:49	10°♏58'01	1.39810 AU
superior conj	-4413 Dec 18 j 15:04	24°♏38'29	-1°-53'-54
minimum elong	-4413 Dec 18 j 15:09	24°♏38'52	1°54'05
	-4413 Dec 21 j 12:17	0°♐	
evening rise	-4413 Dec 28 j 04:17	12°♐41'46	
asc. node	-4412 Jan 06 j 09:02	29°♐25'45	
	-4412 Jan 06 j 17:31	0°♑	
evening max el	-4412 Jan 13 j 09:55	8°♑46'32	18°29'59
retrograde	-4412 Jan 21 j 00:04	12°♑29'27	
evening set	-4412 Jan 23 j 11:36	12°♑06'56	
inferior conj	-4412 Jan 30 j 22:21	7°♑34'27	3°51'40
minimum elong	-4412 Jan 31 j 00:55	7°♑29'18	3°51'11
min. Earth dist.	-4412 Feb 03 j 07:29	4°♑53'48	0.58785 AU
morning rise	-4412 Feb 07 j 10:45	2°♑12'09	
direct	-4412 Feb 13 j 15:12	0°♑34'01	
desc. node	-4412 Feb 18 j 04:30	1°♑25'26	
morning max el	-4412 Feb 27 j 21:18	8°♑06'34	26°37'22
	-4412 Mar 15 j 09:19	0°♒	
morning set	-4412 Mar 28 j 08:52	24°♒22'10	
	-4412 Mar 31 j 00:37	0°♓	
asc. node	-4412 Apr 03 j 08:32	7°♓13'50	
superior conj	-4412 Apr 04 j 10:37	9°♓36'30	0°11'19
minimum elong	-4412 Apr 04 j 10:07	9°♓33'47	0°11'07
behind sun begin	-4412 Apr 04 j 06:33	9°♓14'16	
behind sun end	-4412 Apr 04 j 13:41	9°♓53'17	
max. Earth dist.	-4412 Apr 04 j 12:44	9°♓48'04	1.32619 AU
evening rise	-4412 Apr 11 j 11:56	24°♓47'30	
	-4412 Apr 14 j 00:58	0°♈	
	-4412 May 01 j 17:25	0°♉	
evening max el	-4412 May 11 j 00:49	10°♉53'40	26°32'37
desc. node	-4412 May 16 j 03:08	15°♉03'45	
retrograde	-4412 May 25 j 02:41	18°♉13'41	
evening set	-4412 May 31 j 13:22	16°♉27'17	
min. Earth dist.	-4412 Jun 04 j 14:06	13°♉45'51	0.59896 AU
inferior conj	-4412 Jun 07 j 23:02	11°♉03'04	-4°-15'-35
minimum elong	-4412 Jun 07 j 22:27	11°♉04'15	4°15'28
morning rise	-4412 Jun 15 j 11:04	6°♉24'52	
direct	-4412 Jun 17 j 22:32	6°♉02'12	
morning max el	-4412 Jun 25 j 09:21	9°♉38'03	18°16'43

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4412 Jun 30 j 08:15	15°♉40'37	
	-4412 Jul 08 j 17:41	0°♊	
morning set	-4412 Jul 11 j 09:14	4°♊58'45	
superior conj	-4412 Jul 20 j 22:49	22°♊51'14	1°47'22
minimum elong	-4412 Jul 21 j 00:27	22°♊58'40	1°47'31
	-4412 Jul 24 j 22:42	0°♋	
max. Earth dist.	-4412 Jul 28 j 10:39	6°♋03'51	1.40755 AU
evening rise	-4412 Aug 02 j 10:13	14°♋23'52	
desc. node	-4412 Aug 12 j 02:06	29°♋39'18	
	-4412 Aug 12 j 07:33	0°♌	
greatest brilliancy	-4412 Aug 31 j 07:14	26°♌28'19	-0.3m
	-4412 Sep 03 j 07:48	0°♍	
evening max el	-4412 Sep 05 j 13:53	2°♍23'25	23°04'02
retrograde	-4412 Sep 15 j 16:55	8°♍23'32	
evening set	-4412 Sep 20 j 12:25	6°♍25'03	
inferior conj	-4412 Sep 25 j 20:36	0°♍05'04	0°-9'-8
minimum elong	-4412 Sep 25 j 20:49	0°♍04'21	0°08'57
transit middle	-4412 Sep 25 j 20:49	0°♍04'21	0°08'57
transit begin	-4412 Sep 25 j 18:33	0°♍12'09	
transit end	-4412 Sep 25 j 23:04	29°♌56'34	
min. Earth dist.	-4412 Sep 25 j 15:22	0°♍23'07	0.67404 AU
	-4412 Sep 25 j 22:05	30°℞♌	
asc. node	-4412 Sep 26 j 07:19	29°♌28'13	
morning rise	-4412 Oct 01 j 05:11	23°♌50'21	
direct	-4412 Oct 05 j 11:05	22°♌10'59	
morning max el	-4412 Oct 14 j 09:54	27°♌29'37	21°41'35
	-4412 Oct 16 j 17:21	0°♍	
greatest brilliancy	-4412 Oct 19 j 10:42	3°♍16'12	-0.4m
	-4412 Nov 07 j 06:14	0°♎	
desc. node	-4412 Nov 08 j 01:59	1°♎15'20	
morning set	-4412 Nov 15 j 01:31	12°♎07'38	
max. Earth dist.	-4412 Nov 21 j 23:23	23°♎19'24	1.41793 AU
	-4412 Nov 25 j 22:57	0°♏	
superior conj	-4412 Nov 29 j 11:56	6°♏05'31	-1°-48'-9
minimum elong	-4412 Nov 29 j 08:38	5°♏51'07	1°48'08
evening rise	-4412 Dec 10 j 08:41	25°♏37'06	
	-4412 Dec 12 j 18:06	0°♐	
asc. node	-4412 Dec 23 j 06:07	17°♐32'07	
evening max el	-4412 Dec 26 j 18:49	21°♐43'43	18°10'21
retrograde	-4411 Jan 02 j 15:45	25°♐13'22	
evening set	-4411 Jan 05 j 05:55	24°♐44'10	
inferior conj	-4411 Jan 12 j 03:04	19°♐49'37	4°04'20
minimum elong	-4411 Jan 12 j 02:50	19°♐50'11	4°04'08
min. Earth dist.	-4411 Jan 15 j 07:18	16°♐55'11	0.60787 AU
morning rise	-4411 Jan 18 j 21:05	14°♐09'19	
direct	-4411 Jan 25 j 18:07	11°♐54'27	
desc. node	-4411 Feb 04 j 01:35	15°♐29'05	
morning max el	-4411 Feb 08 j 20:45	19°♐34'26	27°27'32
	-4411 Feb 17 j 19:05	0°♑	
	-4411 Mar 08 j 02:34	0°♒	
morning set	-4411 Mar 12 j 16:45	9°♒10'10	
max. Earth dist.	-4411 Mar 19 j 01:44	22°♒45'04	1.32634 AU
superior conj	-4411 Mar 19 j 22:09	24°♒36'22	0°-13'-35
minimum elong	-4411 Mar 19 j 22:46	24°♒39'43	0°13'36
behind sun begin	-4411 Mar 19 j 20:11	24°♒25'40	
behind sun end	-4411 Mar 20 j 01:20	24°♒53'47	
asc. node	-4411 Mar 21 j 05:32	27°♒27'48	
	-4411 Mar 22 j 09:25	0°♓	
evening rise	-4411 Mar 26 j 22:25	9°♓45'19	
	-4411 Apr 06 j 11:08	0°♈	
evening max el	-4411 Apr 22 j 20:54	22°♈11'19	25°21'36
desc. node	-4411 May 03 j 00:16	28°♈45'51	
retrograde	-4411 May 06 j 22:43	29°♈22'14	
evening set	-4411 May 12 j 07:57	28°♈14'20	
min. Earth dist.	-4411 May 17 j 09:22	25°♈25'05	0.57911 AU
inferior conj	-4411 May 20 j 13:21	23°♈12'54	-3°-53'-15
minimum elong	-4411 May 20 j 09:20	23°♈19'56	3°52'37
morning rise	-4411 May 28 j 14:48	18°♈55'34	
direct	-4411 May 31 j 01:46	18°♈37'00	
morning max el	-4411 Jun 08 j 14:07	22°♈36'50	18°54'54
	-4411 Jun 14 j 13:55	0°♉	
asc. node	-4411 Jun 17 j 05:17	4°♉13'15	
morning set	-4411 Jun 25 j 03:36	18°♉57'24	
	-4411 Jun 30 j 18:38	0°♊	
superior conj	-4411 Jul 03 j 18:44	5°♊47'49	1°48'40
minimum elong	-4411 Jul 03 j 18:01	5°♊44'24	1°48'50
max. Earth dist.	-4411 Jul 10 j 12:37	18°♊17'38	1.38819 AU
evening rise	-4411 Jul 14 j 12:49	25°♊20'25	
	-4411 Jul 17 j 06:38	0°♋	
desc. node	-4411 Jul 29 j 23:07	20°♋00'00	
	-4411 Aug 05 j 23:27	0°♌	
evening max el	-4411 Aug 19 j 01:33	15°♌51'21	24°24'33
retrograde	-4411 Aug 30 j 06:58	22°♌26'13	
evening set	-4411 Sep 04 j 17:31	20°♌08'10	
min. Earth dist.	-4411 Sep 09 j 10:48	14°♌40'49	0.67222 AU
inferior conj	-4411 Sep 10 j 02:28	13°♌48'05	-1°-2'-23
minimum elong	-4411 Sep 10 j 03:55	13°♌43'13	1°01'38
asc. node	-4411 Sep 13 j 04:29	9°♌54'13	
morning rise	-4411 Sep 15 j 14:34	7°♌39'29	
direct	-4411 Sep 19 j 08:03	6°♌19'42	
morning max el	-4411 Sep 27 j 06:50	10°♌58'24	20°26'38
greatest brilliancy	-4411 Oct 03 j 19:32	18°♌51'41	-0.5m
	-4411 Oct 11 j 15:26	0°♍	
morning set	-4411 Oct 25 j 01:31	20°♍22'40	
desc. node	-4411 Oct 25 j 22:55	21°♍45'45	
	-4411 Oct 31 j 04:57	0°♎	
max. Earth dist.	-4411 Nov 04 j 07:46	6°♎34'10	1.43418 AU
superior conj	-4411 Nov 10 j 06:45	16°♎17'09	-1°-27'-13
minimum elong	-4411 Nov 10 j 00:18	15°♎50'30	1°26'41
	-4411 Nov 18 j 09:41	0°♏	
evening rise	-4411 Nov 22 j 21:07	7°♏46'05	
	-4411 Dec 06 j 06:12	0°♐	
asc. node	-4411 Dec 10 j 03:14	4°♐46'43	
evening max el	-4411 Dec 10 j 07:00	4°♐56'19	18°10'12
retrograde	-4411 Dec 16 j 20:38	8°♐25'33	
evening set	-4411 Dec 19 j 13:50	7°♐48'38	
inferior conj	-4411 Dec 25 j 23:56	2°♐32'39	3°53'25
minimum elong	-4411 Dec 25 j 21:43	2°♐38'26	3°52'59
	-4411 Dec 28 j 10:29	30°℞♏	
min. Earth dist.	-4411 Dec 28 j 15:45	29°♏46'42	0.62684 AU
morning rise	-4410 Jan 01 j 03:45	26°♏39'07	
direct	-4410 Jan 08 j 05:31	23°♏59'22	
	-4410 Jan 20 j 06:30	0°♐	
desc. node	-4410 Jan 21 j 22:40	1°♐34'01	
morning max el	-4410 Jan 22 j 02:01	1°♐42'15	27°42'03
	-4410 Feb 11 j 23:28	0°♑	
morning set	-4410 Feb 24 j 19:15	23°♑38'35	
	-4410 Feb 27 j 21:25	0°♒	
max. Earth dist.	-4410 Mar 02 j 10:54	5°♒25'24	1.33012 AU
superior conj	-4410 Mar 04 j 07:49	9°♒26'55	0°-38'-24
minimum elong	-4410 Mar 04 j 09:31	9°♒36'04	0°38'16
asc. node	-4410 Mar 08 j 02:31	17°♒37'46	
evening rise	-4410 Mar 11 j 10:04	24°♒42'33	
	-4410 Mar 13 j 23:26	0°♓	
	-4410 Apr 01 j 15:59	0°♈	
evening max el	-4410 Apr 04 j 13:05	2°♈59'52	23°52'03
retrograde	-4410 Apr 18 j 06:22	9°♈50'37	
desc. node	-4410 Apr 19 j 21:26	9°♈44'39	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4410 Apr 22 j 08:04	9°♈14'01	
min. Earth dist.	-4410 Apr 29 j 00:40	6°♈03'58	0.56278 AU
inferior conj	-4410 May 01 j 07:28	4°♈40'16	-2°-53'-9
minimum elong	-4410 May 01 j 01:39	4°♈49'12	2°51'41
morning rise	-4410 May 09 j 22:58	0°♈38'59	
direct	-4410 May 12 j 10:16	0°♈23'13	
morning max el	-4410 May 22 j 09:56	5°♈01'36	19°53'36
asc. node	-4410 Jun 04 j 02:18	23°♈19'50	
	-4410 Jun 07 j 13:21	0°♉	
morning set	-4410 Jun 09 j 05:50	3°♉22'21	
superior conj	-4410 Jun 17 j 05:15	19°♉30'15	1°41'23
minimum elong	-4410 Jun 17 j 03:07	19°♉19'37	1°41'23
max. Earth dist.	-4410 Jun 22 j 16:10	0°♊06'53	1.36961 AU
	-4410 Jun 22 j 14:43	0°♊	
evening rise	-4410 Jun 26 j 15:45	7°♊29'28	
	-4410 Jul 10 j 01:54	0°♋	
desc. node	-4410 Jul 16 j 20:10	10°♋02'37	
evening max el	-4410 Aug 01 j 12:12	29°♋21'52	25°38'41
	-4410 Aug 02 j 03:58	0°♌	
retrograde	-4410 Aug 13 j 16:39	6°♌23'17	
evening set	-4410 Aug 19 j 18:19	3°♌48'19	
	-4410 Aug 23 j 07:12	30°℞♋	
min. Earth dist.	-4410 Aug 24 j 02:45	28°♋58'25	0.66715 AU
inferior conj	-4410 Aug 25 j 05:49	27°♋31'20	-1°-53'-59
minimum elong	-4410 Aug 25 j 08:24	27°♋23'04	1°52'50
morning rise	-4410 Aug 30 j 23:03	21°♋32'12	
asc. node	-4410 Aug 31 j 01:37	21°♋28'11	
direct	-4410 Sep 03 j 06:14	20°♋29'10	
morning max el	-4410 Sep 10 j 11:01	24°♋36'08	19°24'44
	-4410 Sep 14 j 23:53	0°♌	
greatest brilliancy	-4410 Sep 20 j 03:15	7°♌15'43	-0.7m
morning set	-4410 Oct 04 j 04:53	28°♌54'25	
	-4410 Oct 04 j 21:41	0°♍	
desc. node	-4410 Oct 12 j 19:50	12°♍24'13	
max. Earth dist.	-4410 Oct 17 j 22:34	20°♍27'57	1.44464 AU
superior conj	-4410 Oct 20 j 22:33	25°♍13'50	0°-49'-51
minimum elong	-4410 Oct 20 j 16:44	24°♍50'41	0°49'07
	-4410 Oct 23 j 22:05	0°♎	
evening rise	-4410 Nov 04 j 12:55	18°♎59'26	
	-4410 Nov 11 j 04:04	0°♏	
evening max el	-4410 Nov 23 j 19:37	18°♏17'47	18°28'42
asc. node	-4410 Nov 27 j 00:22	20°♏55'05	
retrograde	-4410 Nov 30 j 10:19	21°♏57'17	
evening set	-4410 Dec 03 j 07:48	21°♏11'10	
inferior conj	-4410 Dec 09 j 09:08	15°♏36'13	3°26'27
minimum elong	-4410 Dec 09 j 06:02	15°♏45'12	3°25'38
min. Earth dist.	-4410 Dec 11 j 10:19	13°♏14'08	0.64301 AU
morning rise	-4410 Dec 15 j 02:58	9°♏32'31	
direct	-4410 Dec 22 j 00:01	6°♏42'50	
morning max el	-4409 Jan 04 j 11:00	14°♏23'42	27°21'22
desc. node	-4409 Jan 08 j 19:41	19°♏06'18	
	-4409 Jan 17 j 05:48	0°♐	
	-4409 Feb 04 j 13:42	0°♑	
morning set	-4409 Feb 08 j 13:40	7°♑38'28	
max. Earth dist.	-4409 Feb 13 j 12:21	17°♑37'01	1.33786 AU
superior conj	-4409 Feb 16 j 13:50	24°♑02'02	-1°-2'-9
minimum elong	-4409 Feb 16 j 16:25	24°♑15'42	1°01'55
	-4409 Feb 19 j 09:05	0°♒	
asc. node	-4409 Feb 22 j 23:31	7°♒39'38	
evening rise	-4409 Feb 23 j 21:07	9°♒32'56	
	-4409 Mar 06 j 16:44	0°♓	
evening max el	-4409 Mar 17 j 06:59	13°♓44'51	22°17'58
retrograde	-4409 Mar 30 j 02:08	19°♓58'29	
evening set	-4409 Apr 02 j 01:06	19°♓39'11	
desc. node	-4409 Apr 06 j 18:35	17°♓58'11	
min. Earth dist.	-4409 Apr 10 j 14:43	15°♓55'35	0.55326 AU
inferior conj	-4409 Apr 11 j 08:48	15°♓29'57	-1°-15'-11
minimum elong	-4409 Apr 11 j 05:26	15°♓34'45	1°14'09
morning rise	-4409 Apr 20 j 11:33	11°♓32'17	
direct	-4409 Apr 23 j 02:48	11°♓16'29	
morning max el	-4409 May 04 j 19:05	16°♓45'44	21°11'37
	-4409 May 14 j 23:01	0°♈	
asc. node	-4409 May 21 j 23:16	12°♈51'43	
morning set	-4409 May 24 j 13:21	18°♈06'06	
	-4409 May 30 j 06:29	0°♉	
superior conj	-4409 Jun 01 j 02:03	3°♉45'52	1°27'51
minimum elong	-4409 May 31 j 23:22	3°♉32'00	1°27'39
max. Earth dist.	-4409 Jun 05 j 02:46	11°♉56'57	1.35370 AU
evening rise	-4409 Jun 09 j 13:48	20°♉37'16	
	-4409 Jun 14 j 16:34	0°♊	
desc. node	-4409 Jul 03 j 17:15	29°♊38'59	
	-4409 Jul 03 j 23:32	0°♋	
evening max el	-4409 Jul 14 j 23:10	12°♋50'38	26°38'21
retrograde	-4409 Jul 27 j 21:33	20°♋08'25	
evening set	-4409 Aug 03 j 12:35	17°♋22'47	
min. Earth dist.	-4409 Aug 07 j 12:53	13°♋11'46	0.65850 AU
inferior conj	-4409 Aug 09 j 04:40	11°♋11'56	-2°-42'-5
minimum elong	-4409 Aug 09 j 08:05	11°♋01'39	2°40'48
morning rise	-4409 Aug 15 j 04:36	5°♋25'23	
asc. node	-4409 Aug 17 j 22:43	4°♋36'06	
direct	-4409 Aug 18 j 03:45	4°♋35'51	
morning max el	-4409 Aug 24 j 21:06	8°♋20'00	18°38'13
	-4409 Sep 08 j 23:08	0°♌	
morning set	-4409 Sep 14 j 06:21	8°♌32'31	
	-4409 Sep 27 j 17:20	0°♍	
superior conj	-4409 Sep 29 j 22:29	3°♍29'38	0°-1'-31
minimum elong	-4409 Sep 29 j 22:19	3°♍28'56	0°01'24
behind sun begin	-4409 Sep 29 j 10:56	2°♍44'06	
behind sun end	-4409 Sep 30 j 09:41	4°♍13'45	
desc. node	-4409 Sep 29 j 16:44	3°♍06'55	
max. Earth dist.	-4409 Sep 30 j 16:11	4°♍39'24	1.44814 AU
evening rise	-4409 Oct 16 j 04:04	29°♍08'21	
	-4409 Oct 16 j 17:04	0°♎	
	-4409 Nov 05 j 16:50	0°♏	
evening max el	-4409 Nov 07 j 06:03	1°♏42'50	19°04'43
asc. node	-4409 Nov 13 j 21:31	5°♏40'53	
retrograde	-4409 Nov 14 j 05:03	5°♏41'27	
evening set	-4409 Nov 17 j 08:40	4°♏44'03	
	-4409 Nov 22 j 05:47	30°℞♎	
inferior conj	-4409 Nov 23 j 03:16	28°♎53'16	2°48'40
minimum elong	-4409 Nov 23 j 00:08	29°♎03'06	2°47'38
min. Earth dist.	-4409 Nov 24 j 14:21	27°♎03'29	0.65575 AU
morning rise	-4409 Nov 28 j 14:39	22°♎42'08	
direct	-4409 Dec 05 j 00:58	19°♎55'58	
morning max el	-4409 Dec 17 j 20:47	27°♎25'22	26°30'50
	-4409 Dec 20 j 07:45	0°♏	
desc. node	-4409 Dec 26 j 16:40	7°♏39'35	
	-4408 Jan 10 j 21:43	0°♐	
morning set	-4408 Jan 22 j 20:15	20°♐57'31	
max. Earth dist.	-4408 Jan 27 j 02:34	29°♐11'55	1.34994 AU
	-4408 Jan 27 j 12:16	0°♑	
superior conj	-4408 Jan 31 j 13:54	8°♑14'04	-1°-23'-32
minimum elong	-4408 Jan 31 j 16:57	8°♑29'49	1°23'21
evening rise	-4408 Feb 08 j 05:43	24°♑09'40	
asc. node	-4408 Feb 09 j 20:32	27°♑28'12	
	-4408 Feb 11 j 02:46	0°♒	
evening max el	-4408 Feb 27 j 08:34	24°♒52'04	20°51'59
	-4408 Mar 07 j 04:42	0°♓	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

retrograde	-4408 Mar 09 j 15:57	0°♓15'06	
evening set	-4408 Mar 12 j 01:36	0°♓01'27	
	-4408 Mar 12 j 04:39	30°℞♒	
inferior conj	-4408 Mar 21 j 04:13	26°♒03'34	0°40'54
minimum elong	-4408 Mar 21 j 06:04	26°♒00'55	0°40'09
min. Earth dist.	-4408 Mar 22 j 05:00	25°♒28'00	0.55271 AU
desc. node	-4408 Mar 23 j 15:42	24°♒39'11	
morning rise	-4408 Mar 30 j 09:12	21°♒51'10	
direct	-4408 Apr 02 j 14:51	21°♒28'21	
morning max el	-4408 Apr 15 j 17:55	27°♒50'22	22°44'38
	-4408 Apr 17 j 21:08	0°♓	
	-4408 May 06 j 12:47	0°♈	
asc. node	-4408 May 07 j 20:14	2°♈42'15	
morning set	-4408 May 08 j 00:06	3°♈02'26	
superior conj	-4408 May 15 j 05:53	18°♈24'41	1°09'51
minimum elong	-4408 May 15 j 03:19	18°♈11'02	1°09'30
max. Earth dist.	-4408 May 17 j 23:14	24°♈08'07	1.34139 AU
	-4408 May 20 j 19:51	0°♉	
evening rise	-4408 May 23 j 01:53	4°♉29'19	
	-4408 Jun 06 j 10:17	0°♊	
desc. node	-4408 Jun 19 j 14:19	18°♊37'56	
evening max el	-4408 Jun 26 j 10:22	26°♊09'37	27°15'51
	-4408 Jun 30 j 22:32	0°♋	
retrograde	-4408 Jul 09 j 21:12	3°♋34'05	
evening set	-4408 Jul 16 j 21:37	0°♋48'02	
	-4408 Jul 17 j 20:32	30°℞♊	
min. Earth dist.	-4408 Jul 20 j 15:14	27°♊14'15	0.64603 AU
inferior conj	-4408 Jul 22 j 20:47	24°♊46'17	-3°-24'-14
minimum elong	-4408 Jul 23 j 00:29	24°♊36'04	3°23'09
morning rise	-4408 Jul 29 j 04:53	19°♊15'21	
direct	-4408 Jul 31 j 22:21	18°♊36'09	
asc. node	-4408 Aug 03 j 19:46	19°♊19'50	
morning max el	-4408 Aug 07 j 10:50	22°♊06'01	18°08'35
	-4408 Aug 13 j 13:54	0°♋	
morning set	-4408 Aug 25 j 11:13	19°♋29'46	
	-4408 Aug 31 j 18:07	0°♌	
superior conj	-4408 Sep 08 j 05:01	12°♌09'17	0°45'33
minimum elong	-4408 Sep 08 j 10:01	12°♌29'22	0°45'05
max. Earth dist.	-4408 Sep 12 j 09:29	18°♌50'29	1.44441 AU
desc. node	-4408 Sep 15 j 13:42	23°♌51'32	
	-4408 Sep 19 j 11:44	0°♍	
evening rise	-4408 Sep 24 j 19:44	8°♍17'37	
	-4408 Oct 09 j 01:01	0°♎	
greatest brilliancy	-4408 Oct 13 j 01:26	5°♎48'52	-0.6m
evening max el	-4408 Oct 20 j 12:15	15°♎09'25	19°56'39
retrograde	-4408 Oct 28 j 01:57	19°♎34'51	
asc. node	-4408 Oct 30 j 18:38	18°♎52'38	
evening set	-4408 Oct 31 j 13:58	18°♎23'26	
inferior conj	-4408 Nov 06 j 03:36	12°♎20'11	2°03'39
minimum elong	-4408 Nov 06 j 01:01	12°♎28'44	2°02'40
min. Earth dist.	-4408 Nov 07 j 02:00	11°♎06'06	0.66504 AU
morning rise	-4408 Nov 11 j 11:25	6°♎04'23	
direct	-4408 Nov 17 j 07:40	3°♎31'47	
morning max el	-4408 Nov 29 j 05:42	10°♎35'58	25°18'48
desc. node	-4408 Dec 12 j 13:39	26°♎56'13	
	-4408 Dec 14 j 17:44	0°♏	
	-4407 Jan 02 j 12:52	0°♐	
morning set	-4407 Jan 04 j 10:03	3°♐21'18	
max. Earth dist.	-4407 Jan 08 j 05:11	10°♐19'53	1.36641 AU
superior conj	-4407 Jan 14 j 05:13	21°♐54'52	-1°-40'-51
minimum elong	-4407 Jan 14 j 08:02	22°♐08'51	1°40'49
	-4407 Jan 18 j 05:54	0°♑	
evening rise	-4407 Jan 22 j 09:53	8°♑26'42	
asc. node	-4407 Jan 26 j 17:34	16°♑57'58	
	-4407 Feb 03 j 09:26	0°♒	
evening max el	-4407 Feb 08 j 20:38	6°♒34'01	19°41'40
retrograde	-4407 Feb 18 j 11:26	11°♒07'27	
evening set	-4407 Feb 20 j 19:25	10°♒52'35	
inferior conj	-4407 Mar 01 j 07:45	6°♒49'13	2°23'02
minimum elong	-4407 Mar 01 j 12:43	6°♒41'21	2°21'28
min. Earth dist.	-4407 Mar 03 j 19:33	5°♒15'04	0.56130 AU
morning rise	-4407 Mar 10 j 02:36	2°♒09'26	
desc. node	-4407 Mar 10 j 12:50	2°♒01'40	
direct	-4407 Mar 14 j 10:55	1°♒27'03	
morning max el	-4407 Mar 28 j 09:52	8°♒28'46	24°23'34
	-4407 Apr 13 j 04:21	0°♓	
morning set	-4407 Apr 22 j 12:16	18°♓04'39	
asc. node	-4407 Apr 24 j 17:10	22°♓45'17	
	-4407 Apr 28 j 01:43	0°♈	
superior conj	-4407 Apr 29 j 14:16	3°♈17'50	0°48'40
minimum elong	-4407 Apr 29 j 12:17	3°♈07'05	0°48'18
max. Earth dist.	-4407 May 01 j 04:44	6°♈44'58	1.33279 AU
evening rise	-4407 May 06 j 23:51	18°♈52'08	
	-4407 May 12 j 17:19	0°♉	
	-4407 May 31 j 18:19	0°♊	
desc. node	-4407 Jun 06 j 11:26	6°♊42'53	
evening max el	-4407 Jun 08 j 20:03	9°♊06'06	27°24'39
retrograde	-4407 Jun 22 j 14:45	16°♊30'23	
evening set	-4407 Jun 29 j 17:54	13°♊57'10	
min. Earth dist.	-4407 Jul 03 j 08:07	10°♊54'11	0.62989 AU
inferior conj	-4407 Jul 06 j 03:22	8°♊07'32	-3°-56'-59
minimum elong	-4407 Jul 06 j 06:25	7°♊59'55	3°56'21
morning rise	-4407 Jul 12 j 21:07	2°♊55'12	
direct	-4407 Jul 15 j 11:04	2°♊23'41	
asc. node	-4407 Jul 21 j 16:48	5°♊26'33	
morning max el	-4407 Jul 22 j 01:36	5°♊47'46	17°56'48
	-4407 Aug 06 j 18:23	0°♋	
morning set	-4407 Aug 07 j 15:49	1°♋34'37	
superior conj	-4407 Aug 19 j 11:12	21°♋59'21	1°20'58
minimum elong	-4407 Aug 19 j 16:49	22°♋22'51	1°20'37
	-4407 Aug 24 j 07:27	0°♌	
max. Earth dist.	-4407 Aug 25 j 23:56	2°♌44'24	1.43398 AU
desc. node	-4407 Sep 02 j 10:39	14°♌34'08	
evening rise	-4407 Sep 03 j 23:33	16°♌57'44	
	-4407 Sep 12 j 12:25	0°♍	
greatest brilliancy	-4407 Sep 28 j 00:07	22°♍06'25	-0.5m
evening max el	-4407 Oct 03 j 12:40	28°♍35'38	21°02'14
	-4407 Oct 04 j 23:27	0°♎	
retrograde	-4407 Oct 11 j 22:52	3°♎34'39	
evening set	-4407 Oct 15 j 21:36	2°♎06'25	
asc. node	-4407 Oct 17 j 15:45	0°♎30'46	
	-4407 Oct 18 j 03:03	30°℞♍	
inferior conj	-4407 Oct 21 j 07:53	25°♍54'00	1°13'58
minimum elong	-4407 Oct 21 j 06:13	25°♍59'38	1°13'19
min. Earth dist.	-4407 Oct 21 j 18:55	25°♍16'17	0.67098 AU
morning rise	-4407 Oct 26 j 14:27	19°♍36'26	
direct	-4407 Oct 31 j 19:25	17°♍23'24	
morning max el	-4407 Nov 11 j 14:28	23°♍50'03	23°55'07
	-4407 Nov 17 j 02:02	0°♎	
desc. node	-4407 Nov 29 j 10:38	16°♎43'48	
	-4407 Dec 08 j 04:18	0°♏	
morning set	-4407 Dec 17 j 01:06	14°♏33'56	
max. Earth dist.	-4407 Dec 21 j 01:30	21°♏33'42	1.38618 AU
	-4407 Dec 25 j 17:11	0°♐	
superior conj	-4407 Dec 28 j 08:06	4°♐54'31	-1°-51'-44
minimum elong	-4407 Dec 28 j 09:35	5°♐01'32	1°51'53
evening rise	-4406 Jan 06 j 07:18	22°♐18'14	
	-4406 Jan 10 j 07:05	0°♑	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4406 Jan 13 j 14:38	6°♉02'30		
evening max el	-4406 Jan 22 j 18:39	18°♉50'43	18°50'24	
retrograde	-4406 Jan 30 j 23:19	22°♉47'32		
evening set	-4406 Feb 02 j 09:34	22°♉28'09		
inferior conj	-4406 Feb 10 j 05:13	18°♉07'32	3°30'06	
minimum elong	-4406 Feb 10 j 09:20	18°♉00'00	3°29'11	
min. Earth dist.	-4406 Feb 13 j 11:19	15°♉45'58	0.57693 AU	
morning rise	-4406 Feb 18 j 05:24	12°♉59'24		
direct	-4406 Feb 23 j 19:31	11°♉43'57		
desc. node	-4406 Feb 25 j 09:56	11°♉50'11		
morning max el	-4406 Mar 10 j 01:10	19°♉07'58	25°54'38	
	-4406 Mar 19 j 05:07	0°♒		
	-4406 Apr 05 j 12:11	0°♓		
morning set	-4406 Apr 07 j 00:12	3°♓06'54		
asc. node	-4406 Apr 11 j 14:10	12°♓56'14		
superior conj	-4406 Apr 14 j 01:14	18°♓18'37	0°25'22	
minimum elong	-4406 Apr 14 j 00:08	18°♓12'37	0°25'05	
max. Earth dist.	-4406 Apr 14 j 16:14	19°♓40'31	1.32768 AU	
	-4406 Apr 19 j 11:21	0°♈		
evening rise	-4406 Apr 21 j 04:35	3°♈35'20		
	-4406 May 05 j 13:01	0°♉		
evening max el	-4406 May 22 j 01:35	21°♉27'49	27°00'53	
desc. node	-4406 May 24 j 08:32	23°♉31'10		
retrograde	-4406 Jun 05 j 01:05	28°♉49'14		
evening set	-4406 Jun 11 j 21:24	26°♉42'28		
min. Earth dist.	-4406 Jun 15 j 15:05	23°♉58'05	0.61081 AU	
inferior conj	-4406 Jun 18 j 21:06	21°♉08'11	-4°-14'-57	
minimum elong	-4406 Jun 18 j 22:14	21°♉05'41	4°14'45	
morning rise	-4406 Jun 26 j 02:01	16°♉17'04		
direct	-4406 Jun 28 j 14:13	15°♉51'24		
morning max el	-4406 Jul 05 j 14:44	19°♉19'17	18°03'47	
asc. node	-4406 Jul 08 j 13:51	22°♉41'04		
	-4406 Jul 13 j 11:19	0°♊		
morning set	-4406 Jul 21 j 14:41	14°♊32'41		
	-4406 Jul 30 j 01:47	0°♋		
superior conj	-4406 Jul 31 j 20:57	3°♋11'33	1°41'37	
minimum elong	-4406 Aug 01 j 00:13	3°♋25'56	1°41'38	
max. Earth dist.	-4406 Aug 08 j 09:18	16°♋05'05	1.41824 AU	
evening rise	-4406 Aug 14 j 11:36	26°♋02'13		
	-4406 Aug 16 j 23:35	0°♌		
desc. node	-4406 Aug 20 j 07:38	5°♌11'26		
	-4406 Sep 06 j 09:01	0°♍		
greatest brilliancy	-4406 Sep 11 j 13:27	6°♍41'15	-0.3m	
evening max el	-4406 Sep 16 j 06:51	12°♍00'43	22°17'53	
retrograde	-4406 Sep 25 j 18:07	17°♍38'06		
evening set	-4406 Sep 30 j 05:39	15°♍50'46		
asc. node	-4406 Oct 04 j 12:54	10°♍59'13		
inferior conj	-4406 Oct 05 j 14:08	9°♍32'33	0°21'33	
minimum elong	-4406 Oct 05 j 13:38	9°♍34'17	0°21'25	
min. Earth dist.	-4406 Oct 05 j 14:41	9°♍30'39	0.67381 AU	
morning rise	-4406 Oct 10 j 21:29	3°♍16'06		
direct	-4406 Oct 15 j 11:24	1°♍24'44		
morning max el	-4406 Oct 25 j 01:52	7°♍07'52	22°29'03	
greatest brilliancy	-4406 Oct 29 j 18:48	12°♍26'16	-0.3m	
	-4406 Nov 11 j 16:18	0°♎		
desc. node	-4406 Nov 16 j 07:35	6°♎52'47		
morning set	-4406 Nov 27 j 12:10	24°♎23'26		
	-4406 Nov 30 j 21:59	0°♏		
max. Earth dist.	-4406 Dec 02 j 23:20	3°♏27'09	1.40683 AU	
superior conj	-4406 Dec 10 j 17:33	16°♏59'10	-1°-53'-6	
minimum elong	-4406 Dec 10 j 16:18	16°♏53'36	1°53'15	
	-4406 Dec 17 j 19:21	0°♐		
evening rise	-4406 Dec 20 j 18:58	5°♐36'27		
asc. node	-4406 Dec 31 j 11:44	24°♐32'52		

	-4405 Jan 04 j 12:41	0°♉		
evening max el	-4405 Jan 06 j 00:18	1°♉34'42	18°19'10	
retrograde	-4405 Jan 13 j 05:49	5°♉10'30		
evening set	-4405 Jan 15 j 18:29	4°♉45'13		
inferior conj	-4405 Jan 22 j 23:04	0°♉03'01	4°00'29	
minimum elong	-4405 Jan 23 j 00:24	0°♉00'11	4°00'12	
	-4405 Jan 23 j 00:29	30°℞♐		
min. Earth dist.	-4405 Jan 26 j 07:13	27°♐13'50	0.59630 AU	
morning rise	-4405 Jan 30 j 03:12	24°♐32'17		
direct	-4405 Feb 05 j 16:01	22°♐38'00		
desc. node	-4405 Feb 12 j 07:04	24°♐26'58		
	-4405 Feb 19 j 15:24	0°♉		
morning max el	-4405 Feb 19 j 21:09	0°♉13'52	27°02'59	
	-4405 Mar 13 j 02:37	0°♒		
morning set	-4405 Mar 22 j 10:06	18°♒01'43		
	-4405 Mar 28 j 00:26	0°♓		
max. Earth dist.	-4405 Mar 29 j 05:49	2°♓40'33	1.32585 AU	
asc. node	-4405 Mar 29 j 11:10	3°♓09'49		
superior conj	-4405 Mar 29 j 13:00	3°♓19'55	0°00'48	
minimum elong	-4405 Mar 29 j 12:58	3°♓19'43	0°00'41	
behind sun begin	-4405 Mar 29 j 07:59	2°♓52'23		
behind sun end	-4405 Mar 29 j 17:58	3°♓47'03		
evening rise	-4405 Apr 05 j 13:32	18°♓29'14		
	-4405 Apr 11 j 07:16	0°♈		
	-4405 May 01 j 00:33	0°♉		
evening max el	-4405 May 04 j 00:52	3°♉06'46	26°05'22	
desc. node	-4405 May 11 j 05:40	8°♉31'28		
retrograde	-4405 May 18 j 02:59	10°♉23'45		
evening set	-4405 May 24 j 04:25	8°♉53'29		
min. Earth dist.	-4405 May 28 j 13:31	6°♉10'58	0.59035 AU	
inferior conj	-4405 May 31 j 22:18	3°♉38'26	-4°-10'-13	
minimum elong	-4405 May 31 j 20:15	3°♉42'20	4°09'58	
	-4405 Jun 06 j 11:24	30°℞♈		
morning rise	-4405 Jun 08 j 15:55	29°♈09'42		
direct	-4405 Jun 11 j 03:16	28°♈48'49		
	-4405 Jun 15 j 13:29	0°♉		
morning max el	-4405 Jun 18 j 23:25	2°♉32'38	18°30'30	
asc. node	-4405 Jun 25 j 10:54	10°♉48'37		
morning set	-4405 Jul 05 j 03:04	28°♉11'57		
	-4405 Jul 06 j 01:32	0°♊		
superior conj	-4405 Jul 14 j 06:08	15°♊35'04	1°49'09	
minimum elong	-4405 Jul 14 j 06:40	15°♊37'33	1°49'20	
max. Earth dist.	-4405 Jul 21 j 13:01	28°♊41'54	1.39936 AU	
	-4405 Jul 22 j 07:01	0°♋		
evening rise	-4405 Jul 25 j 22:49	6°♋13'23		
desc. node	-4405 Aug 07 j 04:37	25°♋39'38		
	-4405 Aug 10 j 02:37	0°♌		
evening max el	-4405 Aug 29 j 20:03	25°♌26'29	23°38'28	
	-4405 Sep 04 j 07:59	0°♍		
retrograde	-4405 Sep 09 j 10:28	1°♍42'24		
	-4405 Sep 14 j 00:03	30°℞♌		
evening set	-4405 Sep 14 j 12:21	29°♌35'10		
inferior conj	-4405 Sep 19 j 20:39	23°♌14'33	0°-31'-49	
minimum elong	-4405 Sep 19 j 21:23	23°♌12'02	0°31'23	
min. Earth dist.	-4405 Sep 19 j 10:57	23°♌47'44	0.67365 AU	
asc. node	-4405 Sep 21 j 10:02	21°♌08'51		
morning rise	-4405 Sep 25 j 06:32	17°♌02'13		
direct	-4405 Sep 29 j 06:49	15°♌31'44		
morning max el	-4405 Oct 07 j 18:55	20°♌32'37	21°08'21	
greatest brilliancy	-4405 Oct 13 j 07:48	27°♌00'58	-0.5m	
	-4405 Oct 15 j 14:10	0°♍		
desc. node	-4405 Nov 03 j 04:31	27°♍16'54		
	-4405 Nov 04 j 22:42	0°♎		
morning set	-4405 Nov 06 j 21:03	3°♎00'42		
max. Earth dist.	-4405 Nov 15 j 03:23	16°♎13'01	1.42541 AU	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4405 Nov 22 j 03:51	27°♎54'58	-1°-41'-18
minimum elong	-4405 Nov 21 j 23:00	27°♎34'20	1°41'04
	-4405 Nov 23 j 09:07	0°♏	
evening rise	-4405 Dec 03 j 17:10	18°♏13'27	
	-4405 Dec 10 j 08:07	0°♐	
asc. node	-4405 Dec 18 j 08:50	12°♐18'42	
evening max el	-4405 Dec 20 j 10:53	14°♐38'45	18°07'53
retrograde	-4405 Dec 27 j 03:47	18°♐07'12	
evening set	-4405 Dec 29 j 19:00	17°♐35'00	
inferior conj	-4404 Jan 05 j 11:09	12°♐31'05	4°02'05
minimum elong	-4404 Jan 05 j 09:56	12°♐34'02	4°01'49
min. Earth dist.	-4404 Jan 08 j 10:38	9°♐37'40	0.61617 AU
morning rise	-4404 Jan 11 j 22:32	6°♐44'18	
direct	-4404 Jan 18 j 22:43	4°♐17'05	
desc. node	-4404 Jan 30 j 04:10	9°♐26'24	
morning max el	-4404 Feb 01 j 23:30	11°♐59'31	27°38'11
	-4404 Feb 16 j 06:32	0°♑	
	-4404 Mar 04 j 08:01	0°♒	
morning set	-4404 Mar 05 j 15:58	2°♒42'03	
max. Earth dist.	-4404 Mar 11 j 17:36	15°♒31'21	1.32746 AU
superior conj	-4404 Mar 12 j 23:55	18°♒15'55	0°-24'-11
minimum elong	-4404 Mar 13 j 01:01	18°♒21'49	0°24'08
asc. node	-4404 Mar 15 j 08:10	23°♒22'11	
	-4404 Mar 18 j 09:45	0°♓	
evening rise	-4404 Mar 20 j 00:41	3°♓26'47	
	-4404 Apr 03 j 11:14	0°♈	
evening max el	-4404 Apr 14 j 18:30	14°♈08'09	24°44'54
desc. node	-4404 Apr 27 j 02:49	21°♈06'55	
retrograde	-4404 Apr 28 j 18:23	21°♈13'15	
evening set	-4404 May 03 j 14:16	20°♈20'04	
min. Earth dist.	-4404 May 09 j 06:41	17°♈23'15	0.57145 AU
inferior conj	-4404 May 12 j 03:54	15°♈29'39	-3°-32'-44
minimum elong	-4404 May 11 j 22:44	15°♈38'11	3°31'42
morning rise	-4404 May 20 j 11:25	11°♈20'28	
direct	-4404 May 22 j 22:10	11°♈03'27	
morning max el	-4404 Jun 01 j 00:44	15°♈17'57	19°17'30
asc. node	-4404 Jun 11 j 07:55	29°♈36'26	
	-4404 Jun 11 j 13:14	0°♉	
morning set	-4404 Jun 18 j 01:05	12°♉22'11	
superior conj	-4404 Jun 26 j 08:52	28°♉52'49	1°46'28
minimum elong	-4404 Jun 26 j 07:26	28°♉45'51	1°46'36
	-4404 Jun 26 j 22:42	0°♊	
max. Earth dist.	-4404 Jul 02 j 14:26	10°♊40'17	1.37997 AU
evening rise	-4404 Jul 06 j 12:15	17°♊41'54	
	-4404 Jul 13 j 18:34	0°♋	
desc. node	-4404 Jul 24 j 01:37	15°♋53'21	
	-4404 Aug 03 j 10:11	0°♌	
evening max el	-4404 Aug 11 j 06:50	8°♌55'06	24°57'20
retrograde	-4404 Aug 22 j 22:54	15°♌43'19	
evening set	-4404 Aug 28 j 15:52	13°♌17'31	
min. Earth dist.	-4404 Sep 02 j 05:15	8°♌05'40	0.67044 AU
inferior conj	-4404 Sep 03 j 01:39	6°♌58'05	-1°-24'-34
minimum elong	-4404 Sep 03 j 03:36	6°♌51'38	1°23'38
asc. node	-4404 Sep 07 j 07:10	1°♌58'37	
morning rise	-4404 Sep 08 j 15:45	0°♌52'58	
	-4404 Sep 10 j 08:34	30°℞♋	
direct	-4404 Sep 12 j 04:28	29°♋40'50	
	-4404 Sep 14 j 01:49	0°♌	
morning max el	-4404 Sep 19 j 19:01	4°♌05'28	19°58'28
greatest brilliancy	-4404 Sep 27 j 07:56	13°♌28'04	-0.6m
	-4404 Oct 08 j 12:12	0°♍	
morning set	-4404 Oct 15 j 19:24	11°♍13'59	
desc. node	-4404 Oct 20 j 01:25	17°♍50'57	
max. Earth dist.	-4404 Oct 27 j 14:11	29°♍44'06	1.43942 AU
	-4404 Oct 27 j 18:10	0°♎	

superior conj	-4404 Nov 01 j 10:42	7°♎32'49	-1°-13'-14
minimum elong	-4404 Nov 01 j 03:51	7°♎05'02	1°12'32
evening rise	-4404 Nov 14 j 21:21	29°♎59'24	
	-4404 Nov 14 j 21:29	0°♏	
evening max el	-4404 Dec 02 j 23:33	27°♏55'35	18°15'53
asc. node	-4404 Dec 04 j 05:57	29°♏06'47	
	-4404 Dec 05 j 09:29	0°♐	
retrograde	-4404 Dec 09 j 12:47	1°♐28'01	
evening set	-4404 Dec 12 j 07:33	0°♐47'33	
	-4404 Dec 13 j 16:09	30°℞♏	
inferior conj	-4404 Dec 18 j 13:42	25°♏23'28	3°43'35
minimum elong	-4404 Dec 18 j 10:59	25°♏30'53	3°42'58
min. Earth dist.	-4404 Dec 20 j 23:29	22°♏45'50	0.63413 AU
morning rise	-4404 Dec 24 j 12:46	19°♏25'11	
direct	-4404 Dec 31 j 13:34	16°♏38'58	
morning max el	-4403 Jan 14 j 06:36	24°♏22'37	27°37'15
desc. node	-4403 Jan 16 j 01:14	26°♏11'55	
	-4403 Jan 19 j 10:03	0°♐	
	-4403 Feb 08 j 14:12	0°♑	
morning set	-4403 Feb 17 j 15:26	16°♑59'43	
max. Earth dist.	-4403 Feb 22 j 23:42	27°♑59'39	1.33282 AU
	-4403 Feb 23 j 22:24	0°♒	
superior conj	-4403 Feb 25 j 08:18	3°♒00'59	0°-48'-41
minimum elong	-4403 Feb 25 j 10:24	3°♒12'16	0°48'29
asc. node	-4403 Mar 02 j 05:09	13°♒29'20	
evening rise	-4403 Mar 04 j 12:16	18°♒21'48	
	-4403 Mar 10 j 07:11	0°♓	
evening max el	-4403 Mar 27 j 10:47	24°♓52'36	23°11'52
	-4403 Apr 03 j 13:43	0°♈	
retrograde	-4403 Apr 09 j 20:54	1°♈29'43	
evening set	-4403 Apr 13 j 09:37	1°♈02'28	
desc. node	-4403 Apr 14 j 00:00	0°♈52'41	
	-4403 Apr 16 j 09:51	30°℞♓	
min. Earth dist.	-4403 Apr 20 j 21:38	27°♓39'45	0.55766 AU
inferior conj	-4403 Apr 22 j 14:09	26°♓40'16	-2°-15'-39
minimum elong	-4403 Apr 22 j 08:48	26°♓48'08	2°14'06
morning rise	-4403 May 01 j 11:01	22°♓42'05	
direct	-4403 May 03 j 23:01	22°♓26'53	
morning max el	-4403 May 14 j 16:11	27°♓26'30	20°24'34
	-4403 May 17 j 03:33	0°♈	
asc. node	-4403 May 29 j 04:54	18°♈54'54	
morning set	-4403 Jun 02 j 05:52	26°♈56'09	
	-4403 Jun 03 j 17:50	0°♉	
superior conj	-4403 Jun 10 j 00:13	12°♉50'54	1°36'17
minimum elong	-4403 Jun 09 j 21:45	12°♉38'26	1°36'13
max. Earth dist.	-4403 Jun 14 j 20:14	22°♉26'15	1.36243 AU
	-4403 Jun 18 j 20:03	0°♊	
evening rise	-4403 Jun 19 j 00:04	0°♊18'31	
	-4403 Jul 06 j 22:04	0°♋	
desc. node	-4403 Jul 10 j 22:40	5°♋46'02	
evening max el	-4403 Jul 24 j 17:41	22°♋26'25	26°06'21
retrograde	-4403 Aug 06 j 06:40	29°♋36'05	
evening set	-4403 Aug 12 j 14:11	26°♋55'55	
min. Earth dist.	-4403 Aug 16 j 19:09	22°♋22'11	0.66392 AU
inferior conj	-4403 Aug 18 j 03:22	20°♋41'05	-2°-14'-55
minimum elong	-4403 Aug 18 j 06:20	20°♋31'44	2°13'41
morning rise	-4403 Aug 23 j 23:14	14°♋46'35	
asc. node	-4403 Aug 25 j 04:16	14°♋11'11	
direct	-4403 Aug 27 j 02:44	13°♋49'37	
morning max el	-4403 Sep 03 j 01:50	17°♋45'57	19°02'52
	-4403 Sep 12 j 08:17	0°♌	
morning set	-4403 Sep 25 j 06:38	20°♌10'04	
	-4403 Oct 01 j 12:20	0°♍	
desc. node	-4403 Oct 06 j 22:18	8°♍31'31	
max. Earth dist.	-4403 Oct 10 j 06:18	13°♍46'46	1.44710 AU

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4403 Oct 11 j 17:35	16°♍06'03	0°-30'-3
minimum elong	-4403 Oct 11 j 13:45	15°♍50'54	0°29'31
	-4403 Oct 20 j 11:11	0°♎	
evening rise	-4403 Oct 27 j 02:54	10°♎45'34	
	-4403 Nov 08 j 01:23	0°♏	
evening max el	-4403 Nov 16 j 11:35	11°♏19'23	18°42'01
asc. node	-4403 Nov 21 j 03:04	14°♏41'54	
retrograde	-4403 Nov 23 j 04:51	15°♏05'35	
evening set	-4403 Nov 26 j 04:46	14°♏14'54	
inferior conj	-4403 Dec 02 j 03:02	8°♏33'01	3°11'28
minimum elong	-4403 Dec 01 j 23:49	8°♏42'38	3°10'32
min. Earth dist.	-4403 Dec 03 j 22:07	6°♏23'59	0.64894 AU
morning rise	-4403 Dec 07 j 17:45	2°♏26'06	
	-4403 Dec 11 j 21:33	30°℞♎	
direct	-4403 Dec 14 j 11:00	29°♎36'16	
	-4403 Dec 17 j 03:29	0°♏	
morning max el	-4403 Dec 27 j 15:55	7°♏13'08	27°03'00
desc. node	-4402 Jan 02 j 22:14	14°♏12'36	
	-4402 Jan 14 j 09:03	0°♐	
	-4402 Jan 31 j 20:14	0°♑	
morning set	-4402 Feb 01 j 05:16	0°♑43'29	
max. Earth dist.	-4402 Feb 05 j 20:30	9°♑55'02	1.34244 AU
superior conj	-4402 Feb 09 j 12:04	17°♑27'19	-1°-11'-37
minimum elong	-4402 Feb 09 j 14:55	17°♑42'15	1°11'23
	-4402 Feb 15 j 10:42	0°♒	
evening rise	-4402 Feb 16 j 22:29	3°♒07'10	
asc. node	-4402 Feb 17 j 02:09	3°♒26'15	
	-4402 Mar 04 j 05:45	0°♓	
evening max el	-4402 Mar 09 j 07:31	5°♓45'01	21°39'55
retrograde	-4402 Mar 21 j 12:24	11°♓37'20	
evening set	-4402 Mar 24 j 04:08	11°♓21'30	
desc. node	-4402 Mar 31 j 21:09	8°♓12'53	
inferior conj	-4402 Apr 02 j 11:17	7°♓19'40	0°-26'-20
minimum elong	-4402 Apr 02 j 10:03	7°♓21'24	0°26'00
min. Earth dist.	-4402 Apr 02 j 11:38	7°♓19'11	0.55189 AU
morning rise	-4402 Apr 11 j 16:23	3°♓17'57	
direct	-4402 Apr 14 j 12:30	3°♓00'08	
morning max el	-4402 Apr 26 j 20:35	8°♓52'25	21°49'42
	-4402 May 11 j 16:18	0°♈	
asc. node	-4402 May 16 j 01:51	8°♈35'25	
morning set	-4402 May 17 j 14:59	11°♈45'56	
superior conj	-4402 May 25 j 00:19	27°♈17'05	1°20'41
minimum elong	-4402 May 24 j 21:37	27°♈02'56	1°20'24
	-4402 May 26 j 07:38	0°♉	
max. Earth dist.	-4402 May 28 j 11:12	4°♉24'46	1.34806 AU
evening rise	-4402 Jun 02 j 04:39	13°♉46'42	
	-4402 Jun 11 j 03:05	0°♊	
desc. node	-4402 Jun 27 j 19:45	25°♊07'56	
	-4402 Jul 01 j 18:08	0°♋	
evening max el	-4402 Jul 07 j 05:07	5°♋52'56	26°57'28
retrograde	-4402 Jul 20 j 09:10	13°♋13'39	
evening set	-4402 Jul 27 j 04:52	10°♋26'38	
min. Earth dist.	-4402 Jul 31 j 02:12	6°♋31'49	0.65371 AU
inferior conj	-4402 Aug 01 j 23:39	4°♋19'34	-3°00'-51
minimum elong	-4402 Aug 02 j 03:16	4°♋09'01	2°59'37
	-4402 Aug 06 j 03:19	30°℞♊	
morning rise	-4402 Aug 08 j 02:51	28°♊39'07	
direct	-4402 Aug 10 j 23:25	27°♊54'10	
asc. node	-4402 Aug 12 j 01:19	28°♊00'33	
	-4402 Aug 15 j 21:53	0°♋	
morning max el	-4402 Aug 17 j 13:42	1°♋30'57	18°23'30
morning set	-4402 Sep 05 j 19:57	0°♌23'00	
	-4402 Sep 05 j 14:20	0°♌	
superior conj	-4402 Sep 20 j 17:28	24°♌24'02	0°19'22
minimum elong	-4402 Sep 20 j 19:56	24°♌33'47	0°19'11
max. Earth dist.	-4402 Sep 23 j 00:47	28°♌02'47	1.44748 AU
desc. node	-4402 Sep 23 j 19:13	29°♌15'29	
	-4402 Sep 24 j 06:31	0°♍	
evening rise	-4402 Oct 07 j 07:31	20°♍28'15	
	-4402 Oct 13 j 09:36	0°♎	
greatest brilliancy	-4402 Oct 21 j 10:03	12°♎19'06	-0.7m
evening max el	-4402 Oct 30 j 20:32	24°♎46'12	19°24'57
retrograde	-4402 Nov 07 j 00:50	28°♎54'58	
asc. node	-4402 Nov 08 j 00:10	28°♎49'31	
evening set	-4402 Nov 10 j 07:51	27°♎51'45	
inferior conj	-4402 Nov 16 j 00:07	21°♎55'09	2°30'16
minimum elong	-4402 Nov 15 j 21:09	22°♎04'40	2°29'14
min. Earth dist.	-4402 Nov 17 j 05:32	20°♎20'39	0.66015 AU
morning rise	-4402 Nov 21 j 09:41	15°♎41'54	
direct	-4402 Nov 27 j 14:18	13°♎00'48	
morning max el	-4402 Dec 10 j 01:28	20°♎20'20	26°02'19
	-4402 Dec 18 j 10:20	0°♏	
desc. node	-4402 Dec 20 j 19:12	3°♏06'29	
	-4401 Jan 07 j 11:52	0°♐	
morning set	-4401 Jan 15 j 05:23	13°♐41'08	
max. Earth dist.	-4401 Jan 19 j 05:55	21°♐18'03	1.35651 AU
	-4401 Jan 23 j 15:30	0°♑	
superior conj	-4401 Jan 24 j 08:50	1°♑27'35	-1°-31'-30
minimum elong	-4401 Jan 24 j 11:54	1°♑43'10	1°31'22
evening rise	-4401 Feb 01 j 05:30	17°♑36'55	
asc. node	-4401 Feb 03 j 23:11	23°♑07'58	
	-4401 Feb 07 j 13:22	0°♒	
evening max el	-4401 Feb 19 j 13:22	17°♒06'02	20°19'47
retrograde	-4401 Mar 02 j 03:07	22°♒07'08	
evening set	-4401 Mar 04 j 11:18	21°♒53'25	
inferior conj	-4401 Mar 13 j 08:28	17°♒54'40	1°27'41
minimum elong	-4401 Mar 13 j 12:07	17°♒49'14	1°26'21
min. Earth dist.	-4401 Mar 15 j 01:36	16°♒53'49	0.55538 AU
desc. node	-4401 Mar 18 j 18:17	14°♒54'23	
morning rise	-4401 Mar 22 j 10:40	13°♒31'59	
direct	-4401 Mar 26 j 02:32	13°♒02'44	
morning max el	-4401 Apr 08 j 15:49	19°♒42'55	23°26'46
	-4401 Apr 17 j 05:43	0°♓	
morning set	-4401 May 02 j 02:34	26°♓45'32	
asc. node	-4401 May 02 j 22:49	28°♓31'55	
	-4401 May 03 j 15:28	0°♈	
superior conj	-4401 May 09 j 06:21	12°♈02'37	1°01'11
minimum elong	-4401 May 09 j 03:59	11°♈49'55	1°00'48
max. Earth dist.	-4401 May 11 j 11:58	16°♈47'40	1.33732 AU
evening rise	-4401 May 16 j 21:22	27°♈52'47	
	-4401 May 17 j 23:05	0°♉	
	-4401 Jun 04 j 08:36	0°♊	
desc. node	-4401 Jun 14 j 16:52	13°♊45'58	
evening max el	-4401 Jun 19 j 15:50	19°♊03'11	27°23'20
retrograde	-4401 Jul 03 j 06:07	26°♊27'49	
evening set	-4401 Jul 10 j 08:54	23°♊45'16	
min. Earth dist.	-4401 Jul 14 j 00:27	20°♊26'01	0.63963 AU
inferior conj	-4401 Jul 16 j 12:03	17°♊48'36	-3°-39'-34
minimum elong	-4401 Jul 16 j 15:37	17°♊39'10	3°38'39
morning rise	-4401 Jul 23 j 00:05	12°♊25'28	
direct	-4401 Jul 25 j 15:54	11°♊49'46	
asc. node	-4401 Jul 29 j 22:23	13°♊21'06	
morning max el	-4401 Aug 01 j 04:14	15°♊15'43	18°01'24
	-4401 Aug 11 j 12:59	0°♋	
morning set	-4401 Aug 18 j 11:30	11°♋50'26	
	-4401 Aug 29 j 05:37	0°♌	
superior conj	-4401 Aug 31 j 08:42	3°♌29'43	1°02'21
minimum elong	-4401 Aug 31 j 14:31	3°♌53'25	1°01'52

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4401 Sep 05 j 17:33	12°♌09'52	1.44069 AU	
desc. node	-4401 Sep 10 j 16:10	19°♌59'23		
evening rise	-4401 Sep 16 j 16:01	29°♌19'30		
	-4401 Sep 17 j 02:31	0°♍		
	-4401 Oct 07 j 07:05	0°♎		
greatest brilliancy	-4401 Oct 07 j 12:21	0°♎17'50	-0.6m	
evening max el	-4401 Oct 14 j 00:20	8°♎12'26	20°23'00	
retrograde	-4401 Oct 21 j 22:07	12°♎51'43		
evening set	-4401 Oct 25 j 14:25	11°♎33'21		
asc. node	-4401 Oct 25 j 21:19	11°♎20'36		
inferior conj	-4401 Oct 31 j 02:24	5°♎25'30	1°43'00	
minimum elong	-4401 Oct 31 j 00:11	5°♎32'58	1°42'09	
min. Earth dist.	-4401 Oct 31 j 19:44	4°♎27'09	0.66791 AU	
	-4401 Nov 04 j 11:43	30°℞♍		
morning rise	-4401 Nov 05 j 09:25	29°♍08'32		
direct	-4401 Nov 10 j 23:05	26°♍44'04		
	-4401 Nov 18 j 11:21	0°♎		
morning max el	-4401 Nov 22 j 10:21	3°♎33'46	24°44'09	
desc. node	-4401 Dec 07 j 16:10	22°♎37'30		
	-4401 Dec 12 j 17:03	0°♏		
morning set	-4401 Dec 28 j 10:19	25°♏36'51		
	-4401 Dec 30 j 21:20	0°♐		
max. Earth dist.	-4400 Jan 01 j 05:16	2°♐25'13	1.37457 AU	
superior conj	-4400 Jan 07 j 19:21	14°♐52'01	-1°-46'-25	
minimum elong	-4400 Jan 07 j 21:46	15°♐03'46	1°46'28	
	-4400 Jan 15 j 10:17	0°♑		
evening rise	-4400 Jan 16 j 07:08	1°♑44'05		
asc. node	-4400 Jan 21 j 20:15	12°♑28'01		
evening max el	-4400 Feb 02 j 05:43	29°♑02'41	19°17'20	
	-4400 Feb 03 j 07:16	0°♒		
retrograde	-4400 Feb 11 j 05:07	3°♒19'08		
evening set	-4400 Feb 13 j 13:41	3°♒02'45		
	-4400 Feb 20 j 02:05	30°℞♑		
inferior conj	-4400 Feb 21 j 18:52	28°♑52'48	2°56'14	
minimum elong	-4400 Feb 21 j 23:53	28°♑44'21	2°54'51	
min. Earth dist.	-4400 Feb 24 j 16:33	26°♑56'29	0.56725 AU	
morning rise	-4400 Mar 01 j 06:22	24°♑00'06		
desc. node	-4400 Mar 04 j 15:25	23°♑10'31		
direct	-4400 Mar 06 j 03:19	23°♑05'16		
	-4400 Mar 19 j 23:02	0°♒		
morning max el	-4400 Mar 20 j 06:54	0°♒18'43	25°04'16	
	-4400 Apr 09 j 17:36	0°♓		
morning set	-4400 Apr 15 j 14:51	11°♓48'44		
asc. node	-4400 Apr 18 j 19:49	18°♓39'08		
superior conj	-4400 Apr 22 j 16:05	27°♓00'05	0°39'00	
minimum elong	-4400 Apr 22 j 14:27	26°♓51'10	0°38'39	
max. Earth dist.	-4400 Apr 23 j 20:19	29°♓33'10	1.33014 AU	
	-4400 Apr 24 j 01:17	0°♈		
evening rise	-4400 Apr 29 j 22:32	12°♈25'19		
	-4400 May 09 j 03:34	0°♉		
	-4400 May 30 j 05:31	0°♊		
desc. node	-4400 May 31 j 13:58	1°♊21'49		
evening max el	-4400 May 31 j 23:50	1°♊45'40	27°18'35	
retrograde	-4400 Jun 14 j 21:01	9°♊09'51		
evening set	-4400 Jun 21 j 22:39	6°♊45'56		
min. Earth dist.	-4400 Jun 25 j 13:01	3°♊52'58	0.62200 AU	
inferior conj	-4400 Jun 28 j 13:37	1°♊02'17	-4°-6'-52	
minimum elong	-4400 Jun 28 j 16:02	0°♊56'34	4°06'27	
	-4400 Jun 29 j 16:20	30°℞♉		
morning rise	-4400 Jul 05 j 11:58	25°♉59'05		
direct	-4400 Jul 08 j 00:55	25°♉30'22		
morning max el	-4400 Jul 14 j 18:46	28°♉54'49	17°57'29	
asc. node	-4400 Jul 15 j 19:27	29°♉58'59		
	-4400 Jul 15 j 19:49	0°♊		
morning set	-4400 Jul 31 j 00:33	24°♊19'43		
	-4400 Aug 03 j 04:17	0°♋		
superior conj	-4400 Aug 11 j 02:54	13°♋55'58	1°31'30	
minimum elong	-4400 Aug 11 j 07:42	14°♋16'30	1°31'18	
max. Earth dist.	-4400 Aug 18 j 05:37	25°♋50'08	1.42774 AU	
	-4400 Aug 20 j 19:11	0°♌		
evening rise	-4400 Aug 25 j 20:50	8°♌03'07		
desc. node	-4400 Aug 27 j 13:08	10°♌40'23		
	-4400 Sep 09 j 08:58	0°♍		
greatest brilliancy	-4400 Sep 20 j 21:00	15°♍50'00	-0.4m	
evening max el	-4400 Sep 25 j 21:58	21°♍37'51	21°33'24	
retrograde	-4400 Oct 04 j 18:38	26°♍53'26		
evening set	-4400 Oct 08 j 22:28	25°♍17'26		
asc. node	-4400 Oct 11 j 18:27	22°♍24'52		
inferior conj	-4400 Oct 14 j 07:47	19°♍01'58	0°51'58	
minimum elong	-4400 Oct 14 j 06:36	19°♍06'03	0°51'32	
min. Earth dist.	-4400 Oct 14 j 14:18	18°♍39'29	0.67251 AU	
morning rise	-4400 Oct 19 j 14:26	12°♍44'13		
direct	-4400 Oct 24 j 12:47	10°♍40'19		
morning max el	-4400 Nov 03 j 19:54	16°♍49'30	23°18'14	
greatest brilliancy	-4400 Nov 09 j 05:59	22°♍57'09	-0.3m	
	-4400 Nov 14 j 16:38	0°♎		
desc. node	-4400 Nov 23 j 13:08	12°♎35'03		
	-4400 Dec 04 j 18:44	0°♏		
morning set	-4400 Dec 08 j 13:56	6°♏15'13		
max. Earth dist.	-4400 Dec 13 j 00:54	13°♏50'45	1.39501 AU	
superior conj	-4400 Dec 20 j 15:28	27°♏29'54	-1°-53'-42	
minimum elong	-4400 Dec 20 j 15:58	27°♏32'13	1°53'53	
	-4400 Dec 21 j 23:43	0°♐		
evening rise	-4400 Dec 30 j 00:48	15°♐22'13		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4400 Jan 07 j 19:21	14°♐52'01	-1°-46'-25
minimum elong	-4400 Jan 07 j 21:46	15°♐03'46	1°46'28
	-4400 Jan 15 j 10:17	0°♑	
evening rise	-4400 Jan 16 j 07:08	1°♑44'05	
asc. node	-4400 Jan 21 j 20:15	12°♑28'01	
evening max el	-4400 Feb 02 j 05:43	29°♑02'41	19°17'20
	-4400 Feb 03 j 07:16	0°♒	
retrograde	-4400 Feb 11 j 05:07	3°♒19'08	
evening set	-4400 Feb 13 j 13:41	3°♒02'45	
	-4400 Feb 20 j 02:05	30°℞♑	
inferior conj	-4400 Feb 21 j 18:52	28°♑52'48	2°56'14
minimum elong	-4400 Feb 21 j 23:53	28°♑44'21	2°54'51
min. Earth dist.	-4400 Feb 24 j 16:33	26°♑56'29	0.56725 AU
morning rise	-4400 Mar 01 j 06:22	24°♑00'06	
desc. node	-4400 Mar 04 j 15:25	23°♑10'31	
direct	-4400 Mar 06 j 03:19	23°♑05'16	
	-4400 Mar 19 j 23:02	0°♒	
morning max el	-4400 Mar 20 j 06:54	0°♒18'43	25°04'16
	-4400 Apr 09 j 17:36	0°♓	
morning set	-4400 Apr 15 j 14:51	11°♓48'44	
asc. node	-4400 Apr 18 j 19:49	18°♓39'08	
superior conj	-4400 Apr 22 j 16:05	27°♓00'05	0°39'00
minimum elong	-4400 Apr 22 j 14:27	26°♓51'10	0°38'39
max. Earth dist.	-4400 Apr 23 j 20:19	29°♓33'10	1.33014 AU
	-4400 Apr 24 j 01:17	0°♈	
evening rise	-4400 Apr 29 j 22:32	12°♈25'19	
	-4400 May 09 j 03:34	0°♉	
	-4400 May 30 j 05:31	0°♊	
desc. node	-4400 May 31 j 13:58	1°♊21'49	
evening max el	-4400 May 31 j 23:50	1°♊45'40	27°18'35
retrograde	-4400 Jun 14 j 21:01	9°♊09'51	
evening set	-4400 Jun 21 j 22:39	6°♊45'56	
min. Earth dist.	-4400 Jun 25 j 13:01	3°♊52'58	0.62200 AU
inferior conj	-4400 Jun 28 j 13:37	1°♊02'17	-4°-6'-52
minimum elong	-4400 Jun 28 j 16:02	0°♊56'34	4°06'27
	-4400 Jun 29 j 16:20	30°℞♉	
morning rise	-4400 Jul 05 j 11:58	25°♉59'05	
direct	-4400 Jul 08 j 00:55	25°♉30'22	
morning max el	-4400 Jul 14 j 18:46	28°♉54'49	17°57'29
asc. node	-4400 Jul 15 j 19:27	29°♉58'59	
	-4400 Jul 15 j 19:49	0°♊	
morning set	-4400 Jul 31 j 00:33	24°♊19'43	
	-4400 Aug 03 j 04:17	0°♋	
superior conj	-4400 Aug 11 j 02:54	13°♋55'58	1°31'30
minimum elong	-4400 Aug 11 j 07:42	14°♋16'30	1°31'18
max. Earth dist.	-4400 Aug 18 j 05:37	25°♋50'08	1.42774 AU
	-4400 Aug 20 j 19:11	0°♌	
evening rise	-4400 Aug 25 j 20:50	8°♌03'07	
desc. node	-4400 Aug 27 j 13:08	10°♌40'23	
	-4400 Sep 09 j 08:58	0°♍	
greatest brilliancy	-4400 Sep 20 j 21:00	15°♍50'00	-0.4m
evening max el	-4400 Sep 25 j 21:58	21°♍37'51	21°33'24
retrograde	-4400 Oct 04 j 18:38	26°♍53'26	
evening set	-4400 Oct 08 j 22:28	25°♍17'26	
asc. node	-4400 Oct 11 j 18:27	22°♍24'52	
inferior conj	-4400 Oct 14 j 07:47	19°♍01'58	0°51'58
minimum elong	-4400 Oct 14 j 06:36	19°♍06'03	0°51'32
min. Earth dist.	-4400 Oct 14 j 14:18	18°♍39'29	0.67251 AU
morning rise	-4400 Oct 19 j 14:26	12°♍44'13	
direct	-4400 Oct 24 j 12:47	10°♍40'19	
morning max el	-4400 Nov 03 j 19:54	16°♍49'30	23°18'14
greatest brilliancy	-4400 Nov 09 j 05:59	22°♍57'09	-0.3m
	-4400 Nov 14 j 16:38	0°♎	
desc. node	-4400 Nov 23 j 13:08	12°♎35'03	
	-4400 Dec 04 j 18:44	0°♏	
morning set	-4400 Dec 08 j 13:56	6°♏15'13	
max. Earth dist.	-4400 Dec 13 j 00:54	13°♏50'45	1.39501 AU
superior conj	-4400 Dec 20 j 15:28	27°♏29'54	-1°-53'-42
minimum elong	-4400 Dec 20 j 15:58	27°♏32'13	1°53'53
	-4400 Dec 21 j 23:43	0°♐	
evening rise	-4400 Dec 30 j 00:48	15°♐22'13	
	-4399 Jan 06 j 22:30	0°♑	
asc. node	-4399 Jan 07 j 17:20	1°♑19'19	
evening max el	-4399 Jan 15 j 07:21	11°♑32'16	18°34'39
retrograde	-4399 Jan 23 j 00:51	15°♑18'08	
evening set	-4399 Jan 25 j 12:05	14°♑56'28	
inferior conj	-4399 Feb 02 j 01:05	10°♑27'18	3°47'04
minimum elong	-4399 Feb 02 j 04:05	10°♑21'25	3°46'30
min. Earth dist.	-4399 Feb 05 j 10:00	7°♑50'45	0.58492 AU
morning rise	-4399 Feb 09 j 16:30	5°♑08'25	
direct	-4399 Feb 15 j 17:38	3°♑36'07	
desc. node	-4399 Feb 19 j 12:33	4°♑11'36	
morning max el	-4399 Mar 01 j 23:44	11°♑06'56	26°27'12
	-4399 Mar 16 j 14:17	0°♒	
morning set	-4399 Mar 31 j 02:07	26°♒48'38	
	-4399 Apr 01 j 14:24	0°♓	
asc. node	-4399 Apr 05 j 16:48	8°♓51'52	
superior conj	-4399 Apr 07 j 03:36	12°♓02'08	0°15'04
minimum elong	-4399 Apr 07 j 02:56	11°♓58'31	0°14'50
behind sun begin	-4399 Apr 07 j 01:15	11°♓49'17	
behind sun end	-4399 Apr 07 j 04:37	12°♓07'45	
max. Earth dist.	-4399 Apr 07 j 08:58	12°♓31'31	1.32643 AU
evening rise	-4399 Apr 14 j 05:19	27°♓14'13	
	-4399 Apr 15 j 13:29	0°♈	
	-4399 May 02 j 16:50	0°♉	
evening max el	-4399 May 14 j 02:53	13°♉49'53	26°41'01
desc. node	-4399 May 18 j 11:08	17°♉28'47	
retrograde	-4399 May 28 j 04:19	21°♉10'20	
evening set	-4399 Jun 03 j 17:50	19°♉18'29	
min. Earth dist.	-4399 Jun 07 j 16:20	16°♉36'47	0.60204 AU
inferior conj	-4399 Jun 11 j 00:47	13°♉51'28	-4°-16'-20
minimum elong	-4399 Jun 11 j 00:41	13°♉51'40	4°16'13
morning rise	-4399 Jun 18 j 10:55	9°♉09'49	
direct	-4399 Jun 20 j 22:31	8°♉46'25	
morning max el	-4399 Jun 28 j 06:23	12°♉19'55	18°12'40
asc. node	-4399 Jul 02 j 16:30	17°♉37'53	
	-4399 Jul 10 j 03:27	0°♊	
morning set	-4399 Jul 14 j 05:42	7°♊36'41	
superior conj	-4399 Jul 23 j 23:18	25°♊40'14	1°46'14
minimum elong	-4399 Jul 24 j 01:21	25°♊49'30	1°46'22
	-4399 Jul 26 j 09:27	0°♋	
max. Earth dist.	-4399 Jul 31 j 12:01	8°♋51'01	1.41044 AU
evening rise	-4399 Aug 05 j 17:37	17°♋32'50	
	-4399 Aug 13 j 14:42	0°♌	
desc. node	-4399 Aug 14 j 10:07	1°♌14'23	
greatest brilliancy	-4399 Sep 03 j 14:44	29°♌29'48	-0.3m
	-4399 Sep 04 j 00:45	0°♍	
evening max el	-4399 Sep 08 j 13:51	5°♍03'10	22°52'00
retrograde	-4399 Sep 18 j 12:46	10°♍57'18	
evening set	-4399 Sep 23 j 06:08	9°♍01'47	
inferior conj	-4399 Sep 28 j 14:22	2°♍42'15	0°-1'-1
minimum elong	-4399 Sep 28 j 14:23	2°♍42'10	0°00'56
transit middle	-4399 Sep 28 j 14:23	2°♍42'10	0°00'56
transit begin	-4399 Sep 28 j 11:41	2°♍51'28	
transit end	-4399 Sep 28 j 17:05	2°♍32'53	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4399 Sep 28 j 10:39	2°♍55'02	0.67410 AU
asc. node	-4399 Sep 28 j 15:35	2°♍38'02	
	-4399 Sep 30 j 14:34	30°℞♌	
morning rise	-4399 Oct 03 j 22:34	26°♌26'59	
direct	-4399 Oct 08 j 06:32	24°♌44'27	
	-4399 Oct 17 j 05:34	0°♍	
morning max el	-4399 Oct 17 j 09:13	0°♍09'14	21°53'37
greatest brilliancy	-4399 Oct 22 j 06:45	5°♍44'36	-0.4m
	-4399 Nov 08 j 12:53	0°♎	
desc. node	-4399 Nov 10 j 10:05	2°♎51'15	
morning set	-4399 Nov 18 j 12:54	15°♎30'35	
max. Earth dist.	-4399 Nov 25 j 00:39	26°♎04'58	1.41513 AU
	-4399 Nov 27 j 08:42	0°♏	
superior conj	-4399 Dec 02 j 15:50	9°♏07'40	-1°-49'-57
minimum elong	-4399 Dec 02 j 13:05	8°♏55'36	1°49'59
evening rise	-4399 Dec 13 j 07:14	28°♏24'08	
	-4399 Dec 14 j 04:00	0°♐	
asc. node	-4399 Dec 25 j 14:25	19°♐32'42	
evening max el	-4399 Dec 29 j 15:34	24°♐26'56	18°12'02
retrograde	-4398 Jan 05 j 14:20	27°♐57'39	
evening set	-4398 Jan 08 j 04:09	27°♐29'26	
inferior conj	-4398 Jan 15 j 03:08	22°♐38'02	4°04'07
minimum elong	-4398 Jan 15 j 03:17	22°♐37'42	4°03'54
min. Earth dist.	-4398 Jan 18 j 08:39	19°♐44'19	0.60489 AU
morning rise	-4398 Jan 21 j 23:40	17°♐00'10	
direct	-4398 Jan 28 j 19:00	14°♐50'21	
desc. node	-4398 Feb 06 j 09:39	17°♐54'11	
morning max el	-4398 Feb 11 j 22:13	22°♐29'05	27°22'17
	-4398 Feb 18 j 14:43	0°♑	
	-4398 Mar 09 j 13:34	0°♒	
morning set	-4398 Mar 15 j 10:34	11°♒38'46	
max. Earth dist.	-4398 Mar 21 j 22:16	25°♒30'04	1.32614 AU
superior conj	-4398 Mar 22 j 15:14	27°♒02'43	0°-9'-47
minimum elong	-4398 Mar 22 j 15:41	27°♒05'08	0°09'50
behind sun begin	-4398 Mar 22 j 11:43	26°♒43'28	
behind sun end	-4398 Mar 22 j 19:38	27°♒26'47	
asc. node	-4398 Mar 23 j 13:48	29°♒06'06	
	-4398 Mar 23 j 23:40	0°♓	
evening rise	-4398 Mar 29 j 15:29	12°♓11'30	
	-4398 Apr 07 j 18:47	0°♈	
evening max el	-4398 Apr 25 j 23:46	25°♈12'44	25°33'37
	-4398 May 02 j 03:06	0°♉	
desc. node	-4398 May 05 j 08:16	1°♉32'33	
retrograde	-4398 May 10 j 01:45	2°♉25'12	
evening set	-4398 May 15 j 15:32	1°♉11'40	
	-4398 May 18 j 00:09	30°℞♈	
min. Earth dist.	-4398 May 20 j 12:15	28°♈24'38	0.58198 AU
inferior conj	-4398 May 23 j 17:56	26°♈06'38	-3°-58'-55
minimum elong	-4398 May 23 j 14:25	26°♈12'57	3°58'25
morning rise	-4398 May 31 j 17:19	21°♈46'23	
direct	-4398 Jun 03 j 04:27	21°♈27'12	
morning max el	-4398 Jun 11 j 12:10	25°♈22'19	18°47'54
	-4398 Jun 15 j 13:00	0°♉	
asc. node	-4398 Jun 19 j 13:32	6°♉04'04	
morning set	-4398 Jun 27 j 22:35	21°♉30'26	
	-4398 Jul 02 j 06:53	0°♊	
superior conj	-4398 Jul 06 j 16:35	8°♊28'28	1°49'04
minimum elong	-4398 Jul 06 j 16:10	8°♊26'31	1°49'16
max. Earth dist.	-4398 Jul 13 j 14:24	21°♊10'44	1.39111 AU
evening rise	-4398 Jul 17 j 16:13	28°♊17'23	
	-4398 Jul 18 j 16:21	0°♋	
desc. node	-4398 Aug 01 j 07:06	21°♋37'10	
	-4398 Aug 07 j 02:19	0°♌	
evening max el	-4398 Aug 22 j 01:50	18°♌30'28	24°12'45

retrograde	-4398 Sep 02 j 03:20	25°♌00'27	
evening set	-4398 Sep 07 j 11:41	22°♌45'06	
inferior conj	-4398 Sep 12 j 20:25	16°♌24'51	0°-54'-22
minimum elong	-4398 Sep 12 j 21:41	16°♌20'35	0°53'42
min. Earth dist.	-4398 Sep 12 j 06:18	17°♌12'33	0.67272 AU
asc. node	-4398 Sep 15 j 12:43	12°♌57'42	
morning rise	-4398 Sep 18 j 07:54	10°♌15'16	
direct	-4398 Sep 22 j 03:06	8°♌52'48	
morning max el	-4398 Sep 30 j 05:05	13°♌36'47	20°37'02
greatest brilliancy	-4398 Oct 06 j 10:40	21°♌04'24	-0.5m
	-4398 Oct 12 j 19:52	0°♍	
desc. node	-4398 Oct 28 j 06:58	23°♍20'00	
morning set	-4398 Oct 28 j 14:28	23°♍49'06	
	-4398 Nov 01 j 13:18	0°♎	
max. Earth dist.	-4398 Nov 07 j 08:06	9°♎13'14	1.43207 AU
superior conj	-4398 Nov 13 j 14:43	19°♎30'38	-1°-31'-29
minimum elong	-4398 Nov 13 j 08:35	19°♎05'08	1°31'01
	-4398 Nov 19 j 19:19	0°♏	
evening rise	-4398 Nov 25 j 22:18	10°♏40'30	
	-4398 Dec 07 j 06:54	0°♐	
asc. node	-4398 Dec 12 j 11:31	6°♐55'47	
evening max el	-4398 Dec 13 j 03:23	7°♐37'16	18°09'00
retrograde	-4398 Dec 19 j 17:34	11°♐06'03	
evening set	-4398 Dec 22 j 10:15	10°♐30'22	
inferior conj	-4398 Dec 28 j 21:49	5°♐17'21	3°56'16
minimum elong	-4398 Dec 28 j 19:50	5°♐22'26	3°55'52
min. Earth dist.	-4398 Dec 31 j 15:40	2°♐28'59	0.62413 AU
	-4397 Jan 03 j 09:30	30°℞♏	
morning rise	-4397 Jan 04 j 03:27	29°♏25'26	
direct	-4397 Jan 11 j 05:03	26°♏48'37	
	-4397 Jan 19 j 18:15	0°♐	
desc. node	-4397 Jan 24 j 06:43	3°♐43'02	
morning max el	-4397 Jan 25 j 02:49	4°♐31'24	27°42'15
	-4397 Feb 13 j 06:11	0°♑	
morning set	-4397 Feb 27 j 14:01	26°♑10'35	
	-4397 Mar 01 j 10:47	0°♒	
max. Earth dist.	-4397 Mar 05 j 08:19	8°♒14'02	1.32934 AU
superior conj	-4397 Mar 07 j 01:16	11°♒54'48	0°-34'-42
minimum elong	-4397 Mar 07 j 02:48	12°♒03'07	0°34'33
asc. node	-4397 Mar 10 j 10:48	19°♒16'53	
evening rise	-4397 Mar 14 j 03:02	27°♒09'02	
	-4397 Mar 15 j 11:48	0°♓	
	-4397 Apr 02 j 05:13	0°♈	
evening max el	-4397 Apr 07 j 16:05	6°♈03'32	24°05'54
retrograde	-4397 Apr 21 j 11:21	12°♈58'35	
desc. node	-4397 Apr 22 j 05:25	12°♈57'18	
evening set	-4397 Apr 25 j 17:49	12°♈18'03	
min. Earth dist.	-4397 May 02 j 03:46	9°♈11'49	0.56486 AU
inferior conj	-4397 May 04 j 14:55	7°♈39'57	-3°-4'-55
minimum elong	-4397 May 04 j 09:09	7°♈48'58	3°03'31
morning rise	-4397 May 13 j 04:24	3°♈37'04	
direct	-4397 May 15 j 15:32	3°♈21'02	
morning max el	-4397 May 25 j 09:26	7°♈52'35	19°43'39
asc. node	-4397 Jun 06 j 10:31	25°♈05'59	
	-4397 Jun 09 j 00:38	0°♉	
morning set	-4397 Jun 11 j 23:48	5°♉51'54	
superior conj	-4397 Jun 20 j 01:12	22°♉05'09	1°42'56
minimum elong	-4397 Jun 19 j 23:14	21°♉55'21	1°42'59
	-4397 Jun 24 j 02:48	0°♊	
max. Earth dist.	-4397 Jun 25 j 17:13	3°♊01'53	1.37220 AU
evening rise	-4397 Jun 29 j 15:47	10°♊16'23	
	-4397 Jul 11 j 09:00	0°♋	
desc. node	-4397 Jul 19 j 04:07	11°♋43'11	
	-4397 Aug 02 j 13:19	0°♌	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4397 Aug 04 j 12:23	2°♌00'42	25°28'19
retrograde	-4397 Aug 16 j 13:46	8°♌59'07	
evening set	-4397 Aug 22 j 13:14	6°♌26'14	
min. Earth dist.	-4397 Aug 26 j 22:53	1°♌30'41	0.66812 AU
inferior conj	-4397 Aug 28 j 00:14	0°♌08'30	-1°-46'-20
minimum elong	-4397 Aug 28 j 02:39	0°♌00'39	1°45'14
	-4397 Aug 28 j 02:51	30℞♋	
asc. node	-4397 Sep 02 j 09:49	24°♋19'16	
morning rise	-4397 Sep 02 j 16:37	24°♋07'49	
direct	-4397 Sep 06 j 01:09	23°♋02'35	
morning max el	-4397 Sep 13 j 08:17	27°♋13'50	19°33'01
	-4397 Sep 15 j 19:37	0°♌	
greatest brilliancy	-4397 Sep 22 j 06:42	8°♌44'20	-0.7m
	-4397 Oct 06 j 05:16	0°♍	
morning set	-4397 Oct 07 j 15:49	2°♍14'22	
desc. node	-4397 Oct 15 j 03:51	13°♍57'31	
max. Earth dist.	-4397 Oct 20 j 22:00	23°♍02'01	1.44351 AU
superior conj	-4397 Oct 24 j 10:09	28°♍37'10	0°-56'-25
minimum elong	-4397 Oct 24 j 03:53	28°♍12'04	0°55'41
	-4397 Oct 25 j 06:50	0°♎	
evening rise	-4397 Nov 07 j 17:27	22°♎02'38	
	-4397 Nov 12 j 11:29	0°♏	
evening max el	-4397 Nov 26 j 16:01	20°♏57'18	18°24'47
asc. node	-4397 Nov 29 j 08:37	23°♏14'47	
retrograde	-4397 Dec 03 j 06:10	24°♏34'48	
evening set	-4397 Dec 06 j 02:51	23°♏50'16	
inferior conj	-4397 Dec 12 j 05:22	18°♏18'00	3°31'19
minimum elong	-4397 Dec 12 j 02:20	18°♏26'40	3°30'33
min. Earth dist.	-4397 Dec 14 j 08:47	15°♏51'32	0.64081 AU
morning rise	-4397 Dec 18 j 00:26	12°♏15'31	
direct	-4397 Dec 24 j 22:37	9°♏26'16	
morning max el	-4396 Jan 07 j 11:28	17°♏08'27	27°26'29
desc. node	-4396 Jan 11 j 03:45	21°♏03'44	
	-4396 Jan 18 j 06:38	0°♐	
	-4396 Feb 06 j 00:27	0°♑	
morning set	-4396 Feb 11 j 09:49	10°♑15'12	
max. Earth dist.	-4396 Feb 16 j 11:02	20°♑29'51	1.33641 AU
superior conj	-4396 Feb 19 j 07:54	26°♑32'22	0°-58'-41
minimum elong	-4396 Feb 19 j 10:22	26°♑45'29	0°58'27
	-4396 Feb 20 j 22:51	0°♒	
asc. node	-4396 Feb 25 j 07:47	9°♒20'07	
evening rise	-4396 Feb 26 j 14:14	12°♒00'28	
	-4396 Mar 06 j 22:01	0°♓	
evening max el	-4396 Mar 19 j 09:16	16°♓47'17	22°31'45
retrograde	-4396 Apr 01 j 08:56	23°♓07'46	
evening set	-4396 Apr 04 j 10:57	22°♓46'51	
desc. node	-4396 Apr 08 j 02:35	21°♓33'27	
min. Earth dist.	-4396 Apr 12 j 18:03	19°♓09'06	0.55410 AU
inferior conj	-4396 Apr 13 j 18:16	18°♓34'31	-1°-31'-56
minimum elong	-4396 Apr 13 j 14:14	18°♓40'16	1°30'41
morning rise	-4396 Apr 22 j 19:42	14°♓37'17	
direct	-4396 Apr 25 j 09:45	14°♓21'51	
morning max el	-4396 May 06 j 20:16	19°♓43'21	20°58'55
	-4396 May 15 j 02:39	0°♈	
asc. node	-4396 May 23 j 07:29	14°♈34'36	
morning set	-4396 May 26 j 06:38	20°♈33'14	
	-4396 May 30 j 19:55	0°♉	
superior conj	-4396 Jun 02 j 20:40	6°♉16'36	1°30'14
minimum elong	-4396 Jun 02 j 18:01	6°♉02'59	1°30'04
max. Earth dist.	-4396 Jun 07 j 02:17	14°♉49'26	1.35582 AU
evening rise	-4396 Jun 11 j 11:19	23°♉16'32	
	-4396 Jun 15 j 03:02	0°♊	
	-4396 Jul 04 j 00:30	0°♋	
desc. node	-4396 Jul 05 j 01:12	1°♋24'21	
evening max el	-4396 Jul 16 j 23:14	15°♋30'11	26°30'44
retrograde	-4396 Jul 29 j 19:28	22°♋46'34	
evening set	-4396 Aug 05 j 08:38	20°♋02'01	
min. Earth dist.	-4396 Aug 09 j 10:05	15°♋45'07	0.65999 AU
inferior conj	-4396 Aug 10 j 23:53	13°♋49'57	-2°-35'-8
minimum elong	-4396 Aug 11 j 03:12	13°♋39'51	2°33'51
morning rise	-4396 Aug 16 j 22:43	8°♋01'14	
asc. node	-4396 Aug 19 j 06:53	7°♋12'28	
direct	-4396 Aug 19 j 22:52	7°♋09'57	
morning max el	-4396 Aug 26 j 17:35	10°♋57'08	18°44'06
	-4396 Sep 09 j 06:01	0°♌	
morning set	-4396 Sep 16 j 13:21	11°♌41'07	
	-4396 Sep 28 j 01:45	0°♍	
desc. node	-4396 Oct 01 j 00:45	4°♍40'01	
superior conj	-4396 Oct 02 j 11:15	6°♍55'56	0°-9'-5
minimum elong	-4396 Oct 02 j 10:03	6°♍51'16	0°08'50
behind sun begin	-4396 Oct 02 j 00:21	6°♍13'00	
behind sun end	-4396 Oct 02 j 19:46	7°♍29'32	
max. Earth dist.	-4396 Oct 02 j 15:07	7°♍11'12	1.44811 AU
	-4396 Oct 17 j 00:58	0°♎	
evening rise	-4396 Oct 18 j 12:22	2°♎21'23	
	-4396 Nov 05 j 10:49	0°♏	
evening max el	-4396 Nov 09 j 02:56	4°♏22'15	18°58'19
asc. node	-4396 Nov 15 j 05:44	8°♏14'03	
retrograde	-4396 Nov 16 j 00:17	8°♏17'25	
evening set	-4396 Nov 19 j 02:51	7°♏21'53	
inferior conj	-4396 Nov 24 j 22:21	1°♏33'25	2°54'53
minimum elong	-4396 Nov 24 j 19:11	1°♏43'15	2°53'53
	-4396 Nov 26 j 04:28	30℞♎	
min. Earth dist.	-4396 Nov 26 j 11:31	29°♎38'21	0.65411 AU
morning rise	-4396 Nov 30 j 10:30	25°♎23'13	
direct	-4396 Dec 06 j 22:45	22°♎35'38	
	-4396 Dec 19 j 18:07	0°♏	
morning max el	-4396 Dec 19 j 21:10	0°♏07'36	26°39'53
desc. node	-4396 Dec 28 j 00:44	9°♏29'11	
	-4395 Jan 11 j 05:05	0°♐	
morning set	-4395 Jan 24 j 18:27	23°♐41'21	
	-4395 Jan 28 j 00:44	0°♑	
max. Earth dist.	-4395 Jan 29 j 02:54	2°♑09'35	1.34780 AU
superior conj	-4395 Feb 02 j 09:02	10°♑48'38	-1°-20'-32
minimum elong	-4395 Feb 02 j 12:04	11°♑04'17	1°20'20
evening rise	-4395 Feb 09 j 23:19	26°♑39'47	
asc. node	-4395 Feb 11 j 04:48	29°♑11'16	
	-4395 Feb 11 j 14:23	0°♒	
evening max el	-4395 Mar 01 j 09:35	27°♒50'52	21°04'03
	-4395 Mar 03 j 22:27	0°♓	
retrograde	-4395 Mar 12 j 22:51	3°♓21'34	
evening set	-4395 Mar 15 j 09:36	3°♓07'38	
	-4395 Mar 23 j 01:57	30℞♒	
inferior conj	-4395 Mar 24 j 13:47	29°♒09'26	0°23'27
minimum elong	-4395 Mar 24 j 14:51	29°♒07'55	0°22'57
min. Earth dist.	-4395 Mar 25 j 08:26	28°♒42'53	0.55216 AU
desc. node	-4395 Mar 25 j 23:45	28°♒21'13	
morning rise	-4395 Apr 02 j 19:09	25°♒00'14	
direct	-4395 Apr 05 j 21:54	24°♒39'02	
	-4395 Apr 17 j 20:50	0°♓	
morning max el	-4395 Apr 18 j 20:31	0°♓53'53	22°30'03
	-4395 May 08 j 00:50	0°♈	
asc. node	-4395 May 10 j 04:28	4°♈23'10	
morning set	-4395 May 10 j 17:04	5°♈28'32	
superior conj	-4395 May 17 j 23:40	20°♈52'55	1°12'50
minimum elong	-4395 May 17 j 21:03	20°♈39'02	1°12'29
max. Earth dist.	-4395 May 20 j 21:21	26°♈57'33	1.34302 AU
	-4395 May 22 j 08:53	0°♉	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-4395 May 25 j 21:39	7°♉03'29		
	-4395 Jun 07 j 17:12	0°♊		
desc. node	-4395 Jun 21 j 22:19	20°♊30'05		
evening max el	-4395 Jun 29 j 10:38	28°♊51'55	27°11'56	
	-4395 Jun 30 j 15:43	0°♋		
retrograde	-4395 Jul 12 j 19:57	6°♋15'34		
evening set	-4395 Jul 19 j 19:14	3°♋28'58		
	-4395 Jul 23 j 10:02	30°℞♊		
min. Earth dist.	-4395 Jul 23 j 13:47	29°♊49'45	0.64816 AU	
inferior conj	-4395 Jul 25 j 17:11	27°♊25'41	-3°-18'-25	
minimum elong	-4395 Jul 25 j 20:53	27°♊15'18	3°17'16	
morning rise	-4395 Jul 31 j 23:57	21°♊52'04		
direct	-4395 Aug 03 j 18:09	21°♊11'27		
asc. node	-4395 Aug 06 j 03:57	21°♊42'10		
morning max el	-4395 Aug 10 j 06:53	24°♊42'57	18°11'50	
	-4395 Aug 14 j 14:50	0°♋		
morning set	-4395 Aug 28 j 14:15	22°♋27'03		
	-4395 Sep 02 j 03:10	0°♌		
superior conj	-4395 Sep 11 j 15:20	15°♌27'55	0°39'01	
minimum elong	-4395 Sep 11 j 19:49	15°♌45'52	0°38'36	
max. Earth dist.	-4395 Sep 15 j 08:44	21°♌23'49	1.44545 AU	
desc. node	-4395 Sep 17 j 21:41	25°♌24'29		
	-4395 Sep 20 j 19:51	0°♍		
evening rise	-4395 Sep 28 j 07:05	11°♍38'28		
	-4395 Oct 10 j 05:34	0°♎		
greatest brilliancy	-4395 Oct 15 j 13:28	7°♎51'24	-0.6m	
evening max el	-4395 Oct 23 j 09:57	17°♎49'17	19°48'01	
retrograde	-4395 Oct 30 j 21:00	22°♎10'01		
asc. node	-4395 Nov 02 j 02:51	21°♎40'47		
evening set	-4395 Nov 03 j 07:40	21°♎00'49		
inferior conj	-4395 Nov 08 j 21:56	14°♎59'16	2°10'47	
minimum elong	-4395 Nov 08 j 19:15	15°♎08'07	2°09'48	
min. Earth dist.	-4395 Nov 09 j 22:07	13°♎39'50	0.66390 AU	
morning rise	-4395 Nov 14 j 06:08	8°♎44'07		
direct	-4395 Nov 20 j 04:40	6°♎09'02		
morning max el	-4395 Dec 02 j 06:10	13°♎17'26	25°30'30	
desc. node	-4395 Dec 14 j 21:42	28°♎40'27		
	-4395 Dec 15 j 20:38	0°♏		
	-4394 Jan 03 j 22:56	0°♐		
morning set	-4394 Jan 07 j 11:07	6°♐14'29		
max. Earth dist.	-4394 Jan 11 j 07:08	13°♐20'30	1.36372 AU	
superior conj	-4394 Jan 17 j 01:54	24°♐35'00	-1°-38'-35	
minimum elong	-4394 Jan 17 j 04:50	24°♐49'35	1°38'32	
	-4394 Jan 19 j 18:32	0°♑		
evening rise	-4394 Jan 25 j 04:19	11°♑00'28		
asc. node	-4394 Jan 29 j 01:52	18°♑44'27		
	-4394 Feb 04 j 10:18	0°♒		
evening max el	-4394 Feb 11 j 20:04	9°♒27'25	19°50'59	
retrograde	-4394 Feb 21 j 16:34	14°♒07'32		
evening set	-4394 Feb 24 j 00:30	13°♒53'03		
inferior conj	-4394 Mar 04 j 15:14	9°♒51'23	2°09'33	
minimum elong	-4394 Mar 04 j 20:01	9°♒43'59	2°07'59	
min. Earth dist.	-4394 Mar 06 j 22:44	8°♒25'39	0.55950 AU	
desc. node	-4394 Mar 12 j 20:54	5°♒28'47		
morning rise	-4394 Mar 13 j 12:21	5°♒16'17		
direct	-4394 Mar 17 j 16:17	4°♒37'46		
morning max el	-4394 Mar 31 j 13:04	11°♒34'21	24°08'59	
	-4394 Apr 14 j 10:48	0°♓		
morning set	-4394 Apr 25 j 05:10	20°♓30'25		
asc. node	-4394 Apr 27 j 01:28	24°♓24'52		
	-4394 Apr 29 j 15:48	0°♈		
superior conj	-4394 May 02 j 07:32	5°♈44'24	0°52'04	
minimum elong	-4394 May 02 j 05:26	5°♈33'04	0°51'40	
max. Earth dist.	-4394 May 04 j 01:51	9°♈31'32	1.33388 AU	

evening rise	-4394 May 09 j 18:24	21°♈22'31		
	-4394 May 14 j 04:16	0°♉		
	-4394 Jun 01 j 16:05	0°♊		
desc. node	-4394 Jun 08 j 19:27	8°♊44'36		
evening max el	-4394 Jun 11 j 20:46	11°♊52'53	27°25'18	
retrograde	-4394 Jun 25 j 14:18	19°♊16'58		
evening set	-4394 Jul 02 j 17:41	16°♊40'57		
min. Earth dist.	-4394 Jul 06 j 08:08	13°♊34'03	0.63257 AU	
inferior conj	-4394 Jul 09 j 01:24	10°♊49'30	-3°-52'-53	
minimum elong	-4394 Jul 09 j 04:38	10°♊41'19	3°52'10	
morning rise	-4394 Jul 15 j 17:37	5°♊34'10		
direct	-4394 Jul 18 j 08:02	5°♊01'36		
asc. node	-4394 Jul 24 j 01:02	7°♊37'27		
morning max el	-4394 Jul 24 j 21:41	8°♊25'46	17°57'21	
	-4394 Aug 08 j 03:39	0°♋		
morning set	-4394 Aug 10 j 15:41	4°♋23'02		
superior conj	-4394 Aug 22 j 17:28	25°♋06'02	1°16'35	
minimum elong	-4394 Aug 22 j 23:15	25°♋30'05	1°16'10	
	-4394 Aug 25 j 16:39	0°♌		
max. Earth dist.	-4394 Aug 29 j 00:04	5°♌22'35	1.43592 AU	
desc. node	-4394 Sep 04 j 18:39	16°♌07'44		
evening rise	-4394 Sep 07 j 11:33	20°♌20'16		
	-4394 Sep 13 j 18:53	0°♍		
greatest brilliancy	-4394 Sep 30 j 17:35	24°♍28'03	-0.5m	
	-4394 Oct 05 j 06:48	0°♎		
evening max el	-4394 Oct 06 j 11:20	1°♎16'01	20°51'43	
retrograde	-4394 Oct 14 j 18:05	6°♎09'37		
evening set	-4394 Oct 18 j 15:07	4°♎43'56		
asc. node	-4394 Oct 19 j 23:58	3°♎32'47		
	-4394 Oct 22 j 23:53	30°℞♍		
inferior conj	-4394 Oct 24 j 01:47	28°♍32'36	1°21'42	
minimum elong	-4394 Oct 23 j 23:58	28°♍38'46	1°21'00	
min. Earth dist.	-4394 Oct 24 j 14:23	27°♍49'40	0.67029 AU	
morning rise	-4394 Oct 29 j 08:25	22°♍15'13		
direct	-4394 Nov 03 j 15:38	19°♍59'10		
morning max el	-4394 Nov 14 j 14:56	26°♍31'48	24°08'00	
	-4394 Nov 17 j 20:01	0°♎		
desc. node	-4394 Dec 01 j 18:40	18°♎24'13		
	-4394 Dec 09 j 11:34	0°♏		
morning set	-4394 Dec 20 j 05:59	17°♏39'01		
max. Earth dist.	-4394 Dec 24 j 04:11	24°♏32'27	1.38316 AU	
	-4394 Dec 27 j 04:23	0°♐		
superior conj	-4394 Dec 31 j 06:57	7°♐41'47	-1°-50'-37	
minimum elong	-4394 Dec 31 j 08:43	7°♐50'14	1°50'46	
evening rise	-4393 Jan 09 j 02:58	24°♐56'37		
	-4393 Jan 11 j 17:12	0°♑		
asc. node	-4393 Jan 15 j 22:56	7°♑53'25		
evening max el	-4393 Jan 25 j 16:39	21°♑38'54	18°56'39	
retrograde	-4393 Feb 03 j 01:48	25°♑40'20		
evening set	-4393 Feb 05 j 11:37	25°♑21'46		
inferior conj	-4393 Feb 13 j 09:40	21°♑03'57	3°22'24	
minimum elong	-4393 Feb 13 j 14:06	20°♑56'00	3°21'22	
min. Earth dist.	-4393 Feb 16 j 14:06	18°♑48'24	0.57430 AU	
morning rise	-4393 Feb 21 j 12:54	15°♑59'39		
direct	-4393 Feb 26 j 22:42	14°♑49'55		
desc. node	-4393 Feb 27 j 18:02	14°♑51'29		
morning max el	-4393 Mar 13 j 04:05	22°♑11'22	25°42'16	
	-4393 Mar 20 j 01:15	0°♒		
	-4393 Apr 07 j 00:35	0°♓		
morning set	-4393 Apr 09 j 17:15	5°♓32'50		
asc. node	-4393 Apr 13 j 22:29	14°♓34'47		
superior conj	-4393 Apr 16 j 18:14	20°♓44'08	0°29'00	
minimum elong	-4393 Apr 16 j 16:59	20°♓37'19	0°28'42	
max. Earth dist.	-4393 Apr 17 j 12:38	22°♓24'30	1.32820 AU	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4393 Apr 21 j 01:05	0°♈	
evening rise	-4393 Apr 23 j 22:16	6°♈02'47	
	-4393 May 06 j 18:57	0°♉	
evening max el	-4393 May 25 j 02:57	24°♉19'54	27°06'30
desc. node	-4393 May 26 j 16:35	25°♉46'13	
	-4393 Jun 01 j 16:51	0°♊	
retrograde	-4393 Jun 08 j 01:49	1°♊42'03	
	-4393 Jun 14 j 03:53	30°℞♉	
evening set	-4393 Jun 14 j 23:58	29°♉30'23	
min. Earth dist.	-4393 Jun 18 j 16:24	26°♉44'26	0.61377 AU
inferior conj	-4393 Jun 21 j 21:17	23°♉53'40	-4°-13'-32
minimum elong	-4393 Jun 21 j 22:48	23°♉50'16	4°13'18
morning rise	-4393 Jun 29 j 00:27	18°♉59'29	
direct	-4393 Jul 01 j 12:51	18°♉33'02	
morning max el	-4393 Jul 08 j 11:17	21°♉59'33	18°01'33
asc. node	-4393 Jul 10 j 22:06	24°♉42'55	
	-4393 Jul 14 j 15:51	0°♊	
morning set	-4393 Jul 24 j 12:11	17°♊14'09	
	-4393 Jul 31 j 12:27	0°♋	
superior conj	-4393 Aug 03 j 23:18	6°♋06'48	1°39'24
minimum elong	-4393 Aug 04 j 03:00	6°♋22'57	1°39'22
max. Earth dist.	-4393 Aug 11 j 10:17	18°♋49'18	1.42082 AU
evening rise	-4393 Aug 17 j 21:07	29°♋17'40	
	-4393 Aug 18 j 07:47	0°♌	
desc. node	-4393 Aug 22 j 15:37	6°♌46'09	
	-4393 Sep 07 j 10:35	0°♍	
greatest brilliancy	-4393 Sep 14 j 12:04	9°♍17'34	-0.4m
evening max el	-4393 Sep 19 j 06:19	14°♍40'54	22°06'08
retrograde	-4393 Sep 28 j 13:43	20°♍12'42	
evening set	-4393 Oct 02 j 23:13	18°♍28'17	
asc. node	-4393 Oct 06 j 21:08	14°♍09'05	
inferior conj	-4393 Oct 08 j 07:51	12°♍10'33	0°29'37
minimum elong	-4393 Oct 08 j 07:10	12°♍12'56	0°29'23
min. Earth dist.	-4393 Oct 08 j 09:54	12°♍03'29	0.67356 AU
morning rise	-4393 Oct 13 j 14:58	5°♍53'43	
direct	-4393 Oct 18 j 06:59	3°♍59'13	
morning max el	-4393 Oct 28 j 01:47	9°♍49'10	22°41'41
greatest brilliancy	-4393 Nov 01 j 19:29	15°♍09'00	-0.3m
	-4393 Nov 12 j 20:41	0°♎	
desc. node	-4393 Nov 18 j 15:35	8°♎30'16	
morning set	-4393 Nov 30 j 21:22	27°♎41'08	
	-4393 Dec 02 j 07:08	0°♏	
max. Earth dist.	-4393 Dec 06 j 01:19	6°♏18'22	1.40381 AU
superior conj	-4393 Dec 13 j 19:18	19°♏55'17	-1°-53'-41
minimum elong	-4393 Dec 13 j 18:33	19°♏51'55	1°53'50
	-4393 Dec 19 j 06:19	0°♐	
evening rise	-4393 Dec 23 j 16:16	8°♐20'13	
asc. node	-4392 Jan 02 j 20:00	26°♐29'36	
	-4392 Jan 05 j 05:17	0°♑	
evening max el	-4392 Jan 08 j 21:18	4°♑19'16	18°22'30
retrograde	-4392 Jan 16 j 05:39	7°♑57'21	
evening set	-4392 Jan 18 j 17:53	7°♑33'04	
inferior conj	-4392 Jan 26 j 00:34	2°♑54'15	3°57'56
minimum elong	-4392 Jan 26 j 02:20	2°♑50'33	3°57'36
min. Earth dist.	-4392 Jan 29 j 09:18	0°♑07'30	0.59332 AU
	-4392 Jan 29 j 13:07	30°℞♐	
morning rise	-4392 Feb 02 j 07:32	27°♐26'12	
direct	-4392 Feb 08 j 17:34	25°♐37'31	
desc. node	-4392 Feb 14 j 15:08	27°♐03'50	
	-4392 Feb 19 j 07:18	0°♑	
morning max el	-4392 Feb 22 j 23:16	3°♑12'30	26°54'45
	-4392 Mar 13 j 10:47	0°♒	
morning set	-4392 Mar 24 j 03:33	20°♒29'18	
	-4392 Mar 28 j 14:36	0°♓	
asc. node	-4392 Mar 30 j 19:28	4°♓48'26	
superior conj	-4392 Mar 31 j 05:58	5°♓45'51	0°04'34
minimum elong	-4392 Mar 31 j 05:46	5°♓44'46	0°04'27
behind sun begin	-4392 Mar 31 j 00:57	5°♓18'23	
behind sun end	-4392 Mar 31 j 10:35	6°♓11'08	
max. Earth dist.	-4392 Mar 31 j 02:04	5°♓24'29	1.32585 AU
evening rise	-4392 Apr 07 j 06:42	20°♓55'37	
	-4392 Apr 11 j 18:16	0°♈	
	-4392 Apr 30 j 13:23	0°♉	
evening max el	-4392 May 06 j 03:09	6°♉05'19	26°15'31
desc. node	-4392 May 12 j 13:43	11°♉05'21	
retrograde	-4392 May 20 j 05:18	13°♉23'43	
evening set	-4392 May 26 j 10:14	11°♉47'38	
min. Earth dist.	-4392 May 30 j 15:59	9°♉05'56	0.59331 AU
inferior conj	-4392 Jun 03 j 01:09	6°♉29'16	-4°-12'-51
minimum elong	-4392 Jun 02 j 23:38	6°♉32'13	4°12'41
morning rise	-4392 Jun 10 j 16:48	1°♉57'21	
direct	-4392 Jun 13 j 04:09	1°♉35'54	
morning max el	-4392 Jun 20 j 20:51	5°♉16'37	18°25'17
asc. node	-4392 Jun 26 j 19:09	12°♉43'35	
morning set	-4392 Jul 06 j 22:49	0°♊48'11	
	-4392 Jul 06 j 12:43	0°♊	
superior conj	-4392 Jul 16 j 05:23	18°♊21'07	1°48'43
minimum elong	-4392 Jul 16 j 06:18	18°♊25'20	1°48'54
	-4392 Jul 22 j 17:16	0°♋	
max. Earth dist.	-4392 Jul 23 j 14:32	1°♋32'17	1.40225 AU
evening rise	-4392 Jul 28 j 04:27	9°♋17'54	
desc. node	-4392 Aug 08 j 12:37	27°♋16'18	
	-4392 Aug 10 j 08:13	0°♌	
evening max el	-4392 Aug 31 j 20:05	28°♌06'29	23°26'23
	-4392 Sep 02 j 20:01	0°♍	
retrograde	-4392 Sep 11 j 06:36	4°♍17'07	
evening set	-4392 Sep 16 j 06:13	2°♍12'57	
	-4392 Sep 18 j 10:33	30°℞♌	
inferior conj	-4392 Sep 21 j 14:26	25°♌52'23	0°-23'-42
minimum elong	-4392 Sep 21 j 14:59	25°♌50'30	0°23'22
min. Earth dist.	-4392 Sep 21 j 06:17	26°♌20'20	0.67388 AU
asc. node	-4392 Sep 22 j 18:15	24°♌17'53	
morning rise	-4392 Sep 26 j 23:50	19°♌39'06	
direct	-4392 Oct 01 j 02:00	18°♌05'36	
morning max el	-4392 Oct 09 j 17:48	23°♌12'39	21°19'40
greatest brilliancy	-4392 Oct 15 j 02:00	29°♌24'45	-0.4m
	-4392 Oct 15 j 13:02	0°♍	
desc. node	-4392 Nov 04 j 12:29	28°♍52'17	
	-4392 Nov 05 j 06:05	0°♎	
morning set	-4392 Nov 09 j 09:25	6°♎26'44	
max. Earth dist.	-4392 Nov 17 j 03:54	18°♎54'57	1.42288 AU
	-4392 Nov 23 j 18:51	0°♏	
superior conj	-4392 Nov 24 j 09:20	1°♏02'01	-1°-44'-6
minimum elong	-4392 Nov 24 j 05:01	0°♏43'31	1°43'56
evening rise	-4392 Dec 05 j 16:40	21°♏03'38	
	-4392 Dec 10 j 15:53	0°♐	
asc. node	-4392 Dec 19 j 17:04	14°♐22'58	
evening max el	-4392 Dec 22 j 07:20	17°♐21'07	18°08'23
retrograde	-4392 Dec 29 j 01:29	20°♐49'43	
evening set	-4392 Dec 31 j 16:18	20°♐18'37	
inferior conj	-4391 Jan 07 j 10:09	15°♐18'02	4°03'18
minimum elong	-4391 Jan 07 j 09:16	15°♐20'10	4°03'03
min. Earth dist.	-4391 Jan 10 j 11:27	12°♐23'44	0.61329 AU
morning rise	-4391 Jan 13 j 23:45	9°♐33'22	
direct	-4391 Jan 20 j 23:05	7°♐10'07	
desc. node	-4391 Jan 31 j 12:11	11°♐44'13	
morning max el	-4391 Feb 04 j 00:35	14°♐52'02	27°35'14
	-4391 Feb 16 j 08:26	0°♑	
	-4391 Mar 05 j 20:08	0°♒	
morning set	-4391 Mar 08 j 10:07	5°♒12'27	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4391 Mar 14 j 14:16	18°♒17'29	1.32697 AU
superior conj	-4391 Mar 15 j 17:06	20°♒43'25	0°-20'-25
minimum elong	-4391 Mar 15 j 18:01	20°♒48'25	0°20'22
asc. node	-4391 Mar 17 j 16:26	25°♒01'29	
	-4391 Mar 19 j 23:25	0°♓	
evening rise	-4391 Mar 22 j 17:37	5°♓53'20	
	-4391 Apr 04 j 14:20	0°♈	
evening max el	-4391 Apr 17 j 21:32	17°♈11'52	24°58'06
desc. node	-4391 Apr 29 j 10:53	24°♈05'04	
retrograde	-4391 May 01 j 22:24	24°♈19'26	
evening set	-4391 May 06 j 23:00	23°♈21'20	
min. Earth dist.	-4391 May 12 j 09:52	20°♈27'22	0.57401 AU
inferior conj	-4391 May 15 j 09:47	18°♈26'55	-3°-40'-58
minimum elong	-4391 May 15 j 04:59	18°♈35'02	3°40'05
morning rise	-4391 May 23 j 15:10	14°♈15'01	
direct	-4391 May 26 j 01:56	13°♈57'30	
morning max el	-4391 Jun 03 j 23:23	18°♈06'42	19°09'11
	-4391 Jun 12 j 20:05	0°♉	
asc. node	-4391 Jun 13 j 16:09	1°♉26'02	
morning set	-4391 Jun 20 j 19:35	14°♉54'22	
	-4391 Jun 28 j 10:55	0°♊	
superior conj	-4391 Jun 29 j 05:49	1°♊31'37	1°47'25
minimum elong	-4391 Jun 29 j 04:37	1°♊25'51	1°47'33
max. Earth dist.	-4391 Jul 05 j 15:50	13°♊34'55	1.38281 AU
evening rise	-4391 Jul 09 j 14:09	20°♊35'25	
	-4391 Jul 15 j 03:12	0°♋	
desc. node	-4391 Jul 26 j 09:39	17°♋32'44	
	-4391 Aug 04 j 08:49	0°♌	
evening max el	-4391 Aug 14 j 07:08	11°♌35'00	24°46'00
retrograde	-4391 Aug 25 j 19:37	18°♌18'48	
evening set	-4391 Aug 31 j 10:18	15°♌55'44	
min. Earth dist.	-4391 Sep 05 j 01:03	10°♌38'19	0.67114 AU
inferior conj	-4391 Sep 05 j 19:46	9°♌35'59	-1°-16'-40
minimum elong	-4391 Sep 05 j 21:33	9°♌30'05	1°15'48
asc. node	-4391 Sep 09 j 15:21	4°♌58'24	
morning rise	-4391 Sep 11 j 09:07	3°♌29'30	
direct	-4391 Sep 14 j 23:28	2°♌14'44	
morning max el	-4391 Sep 22 j 16:45	6°♌44'08	20°07'59
greatest brilliancy	-4391 Sep 29 j 20:33	15°♌32'44	-0.6m
	-4391 Oct 09 j 18:12	0°♍	
morning set	-4391 Oct 19 j 07:52	14°♍39'28	
desc. node	-4391 Oct 22 j 09:24	19°♍25'20	
	-4391 Oct 29 j 02:34	0°♎	
max. Earth dist.	-4391 Oct 30 j 13:48	2°♎20'33	1.43772 AU
superior conj	-4391 Nov 04 j 20:25	10°♎52'05	-1°-18'-34
minimum elong	-4391 Nov 04 j 13:36	10°♎24'16	1°17'55
	-4391 Nov 16 j 06:23	0°♏	
evening rise	-4391 Nov 17 j 23:51	2°♏58'06	
	-4391 Dec 05 j 05:48	0°♐	
evening max el	-4391 Dec 05 j 19:54	0°♐36'59	18°13'32
asc. node	-4391 Dec 06 j 14:08	1°♐21'01	
retrograde	-4391 Dec 12 j 09:05	4°♐08'01	
evening set	-4391 Dec 15 j 03:18	3°♐28'48	
	-4391 Dec 19 j 15:50	30°℞♏	
inferior conj	-4391 Dec 21 j 10:47	28°♏07'34	3°47'21
minimum elong	-4391 Dec 21 j 08:13	28°♏14'26	3°46'48
min. Earth dist.	-4391 Dec 23 j 22:45	25°♏26'42	0.63164 AU
morning rise	-4391 Dec 27 j 11:26	22°♏10'58	
direct	-4390 Jan 03 j 12:47	19°♏26'38	
morning max el	-4390 Jan 17 j 07:03	27°♏10'04	27°39'38
desc. node	-4390 Jan 18 j 09:13	28°♏16'08	
	-4390 Jan 20 j 00:07	0°♐	
	-4390 Feb 09 j 22:50	0°♑	
morning set	-4390 Feb 20 j 10:41	19°♑34'17	
	-4390 Feb 25 j 11:58	0°♒	
max. Earth dist.	-4390 Feb 25 j 21:31	0°♒50'31	1.33181 AU
superior conj	-4390 Feb 28 j 01:58	5°♒30'48	0°-45'-3
minimum elong	-4390 Feb 28 j 03:56	5°♒41'21	0°44'51
asc. node	-4390 Mar 04 j 13:25	15°♒09'57	
evening rise	-4390 Mar 07 j 05:16	20°♒49'32	
	-4390 Mar 11 j 17:28	0°♓	
evening max el	-4390 Mar 30 j 13:40	27°♓57'20	23°25'56
	-4390 Apr 01 j 21:15	0°♈	
retrograde	-4390 Apr 13 j 02:35	4°♈39'24	
desc. node	-4390 Apr 16 j 08:01	4°♈16'29	
evening set	-4390 Apr 16 j 19:40	4°♈09'13	
min. Earth dist.	-4390 Apr 24 j 00:53	0°♈51'10	0.55933 AU
	-4390 Apr 25 j 11:21	30°℞♓	
inferior conj	-4390 Apr 25 j 22:39	29°♓43'08	-2°-29'-50
minimum elong	-4390 Apr 25 j 17:02	29°♓51'31	2°28'16
morning rise	-4390 May 04 j 17:41	25°♓44'03	
direct	-4390 May 07 j 05:25	25°♓28'40	
	-4390 May 17 j 07:18	0°♈	
morning max el	-4390 May 17 j 16:20	0°♈20'39	20°13'20
asc. node	-4390 May 31 j 13:09	20°♈40'21	
morning set	-4390 Jun 04 j 23:30	29°♈24'58	
	-4390 Jun 05 j 06:24	0°♉	
superior conj	-4390 Jun 12 j 19:31	15°♉24'02	1°38'14
minimum elong	-4390 Jun 12 j 17:09	15°♉12'08	1°38'10
max. Earth dist.	-4390 Jun 17 j 20:44	25°♉21'07	1.36489 AU
	-4390 Jun 20 j 07:34	0°♊	
evening rise	-4390 Jun 21 j 22:56	3°♊02'18	
	-4390 Jul 08 j 03:14	0°♋	
desc. node	-4390 Jul 13 j 06:42	7°♋28'56	
evening max el	-4390 Jul 27 j 17:56	25°♋06'06	25°57'02
	-4390 Aug 02 j 17:17	0°♌	
retrograde	-4390 Aug 09 j 04:00	2°♌12'54	
	-4390 Aug 14 j 21:09	30°℞♋	
evening set	-4390 Aug 15 j 09:30	29°♋34'29	
min. Earth dist.	-4390 Aug 19 j 15:42	24°♋55'03	0.66512 AU
inferior conj	-4390 Aug 20 j 22:04	23°♋18'54	-2°-7'-33
minimum elong	-4390 Aug 21 j 00:55	23°♋09'53	2°06'20
morning rise	-4390 Aug 26 j 16:59	17°♋22'41	
asc. node	-4390 Aug 27 j 12:27	16°♋56'31	
direct	-4390 Aug 29 j 21:45	16°♋23'37	
morning max el	-4390 Sep 05 j 22:39	20°♋23'26	19°10'12
	-4390 Sep 13 j 11:14	0°♌	
morning set	-4390 Sep 28 j 16:02	23°♌26'11	
	-4390 Oct 02 j 20:18	0°♍	
desc. node	-4390 Oct 09 j 06:19	10°♍05'12	
max. Earth dist.	-4390 Oct 13 j 05:43	16°♍21'09	1.44639 AU
superior conj	-4390 Oct 15 j 06:07	19°♍32'36	0°-37'-17
minimum elong	-4390 Oct 15 j 01:29	19°♍14'14	0°36'39
	-4390 Oct 21 j 19:32	0°♎	
evening rise	-4390 Oct 30 j 09:04	13°♎53'54	
	-4390 Nov 09 j 05:59	0°♏	
evening max el	-4390 Nov 19 j 08:13	14°♏00'03	18°36'59
asc. node	-4390 Nov 23 j 11:15	17°♏08'17	
retrograde	-4390 Nov 26 j 00:23	17°♏43'37	
evening set	-4390 Nov 28 j 23:26	16°♏54'32	
inferior conj	-4390 Dec 04 j 22:44	11°♏14'59	3°16'58
minimum elong	-4390 Dec 04 j 19:33	11°♏24'26	3°16'06
min. Earth dist.	-4390 Dec 06 j 19:55	9°♏01'18	0.64695 AU
morning rise	-4390 Dec 10 j 14:29	5°♏09'11	
direct	-4390 Dec 17 j 09:11	2°♏19'13	
morning max el	-4390 Dec 30 j 16:18	9°♏57'31	27°10'01
desc. node	-4389 Jan 05 j 06:13	16°♏06'58	
	-4389 Jan 15 j 13:09	0°♐	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4389 Feb 02 j 07:46	0°♉	
morning set	-4389 Feb 04 j 02:12	3°♉23'45	
max. Earth dist.	-4389 Feb 08 j 20:02	12°♉51'40	1.34076 AU
superior conj	-4389 Feb 12 j 06:34	20°♉00'13	-1°-8'-17
minimum elong	-4389 Feb 12 j 09:20	20°♉14'46	1°08'03
	-4389 Feb 16 j 23:49	0°♒	
asc. node	-4389 Feb 19 j 10:25	5°♒08'37	
evening rise	-4389 Feb 19 j 15:48	5°♒36'42	
	-4389 Mar 05 j 02:23	0°♓	
evening max el	-4389 Mar 12 j 09:18	8°♓46'37	21°52'59
retrograde	-4389 Mar 24 j 19:21	14°♓46'33	
evening set	-4389 Mar 27 j 13:22	14°♓29'41	
desc. node	-4389 Apr 03 j 05:10	11°♓53'43	
inferior conj	-4389 Apr 05 j 21:01	10°♓25'35	0°-43'-58
minimum elong	-4389 Apr 05 j 18:59	10°♓28'27	0°43'22
min. Earth dist.	-4389 Apr 05 j 14:48	10°♓34'19	0.55220 AU
morning rise	-4389 Apr 15 j 01:30	6°♓25'44	
direct	-4389 Apr 17 j 19:44	6°♓08'45	
morning max el	-4389 Apr 29 j 22:22	11°♓52'49	21°36'07
	-4389 May 13 j 00:55	0°♈	
asc. node	-4389 May 18 j 10:09	10°♈18'08	
morning set	-4389 May 20 j 08:07	14°♈12'55	
superior conj	-4389 May 27 j 18:32	29°♈46'45	1°23'20
minimum elong	-4389 May 27 j 15:50	29°♈32'38	1°23'04
	-4389 May 27 j 21:05	0°♉	
max. Earth dist.	-4389 May 31 j 10:15	7°♉16'51	1.34995 AU
evening rise	-4389 Jun 05 j 01:20	16°♉23'38	
	-4389 Jun 12 j 12:19	0°♊	
desc. node	-4389 Jun 30 j 03:47	26°♊56'18	
	-4389 Jul 02 j 13:15	0°♋	
evening max el	-4389 Jul 10 j 05:14	8°♋33'44	26°51'19
retrograde	-4389 Jul 23 j 07:20	15°♋53'30	
evening set	-4389 Jul 30 j 01:32	13°♋06'42	
min. Earth dist.	-4389 Aug 02 j 23:53	9°♋06'19	0.65544 AU
inferior conj	-4389 Aug 04 j 19:20	6°♋58'20	-2°-54'-21
minimum elong	-4389 Aug 04 j 22:53	6°♋47'50	2°53'05
morning rise	-4389 Aug 10 j 21:21	1°♋15'44	
direct	-4389 Aug 13 j 18:48	0°♋29'14	
asc. node	-4389 Aug 14 j 09:34	0°♋31'20	
morning max el	-4389 Aug 20 j 10:00	4°♋08'21	18°28'21
	-4389 Sep 06 j 22:24	0°♌	
morning set	-4389 Sep 09 j 01:13	3°♌27'11	
superior conj	-4389 Sep 24 j 05:34	27°♌48'37	0°12'02
minimum elong	-4389 Sep 24 j 07:08	27°♌54'48	0°11'57
behind sun begin	-4389 Sep 23 j 23:22	27°♌24'07	
behind sun end	-4389 Sep 24 j 14:54	28°♌25'29	
	-4389 Sep 25 j 14:51	0°♍	
max. Earth dist.	-4389 Sep 26 j 00:07	0°♍36'33	1.44786 AU
desc. node	-4389 Sep 26 j 03:15	0°♍48'57	
evening rise	-4389 Oct 10 j 17:23	23°♍45'59	
	-4389 Oct 14 j 16:25	0°♎	
greatest brilliancy	-4389 Oct 23 j 08:54	13°♎30'45	-0.7m
evening max el	-4389 Nov 02 j 17:45	27°♎26'24	19°17'31
	-4389 Nov 05 j 16:02	0°♏	
retrograde	-4389 Nov 09 j 20:04	1°♏31'31	
asc. node	-4389 Nov 10 j 08:23	1°♏30'00	
evening set	-4389 Nov 13 j 01:51	0°♏30'21	
	-4389 Nov 13 j 19:22	30°℞♎	
inferior conj	-4389 Nov 18 j 18:53	24°♎35'38	2°36'58
minimum elong	-4389 Nov 18 j 15:51	24°♎45'18	2°35'56
min. Earth dist.	-4389 Nov 20 j 02:13	22°♎55'49	0.65870 AU
morning rise	-4389 Nov 24 j 05:02	18°♎23'03	
direct	-4389 Nov 30 j 11:41	15°♎40'03	
morning max el	-4389 Dec 13 j 02:03	23°♎03'17	26°12'41
	-4389 Dec 19 j 07:02	0°♏	
desc. node	-4389 Dec 23 j 03:13	4°♏53'54	
	-4388 Jan 08 j 20:27	0°♐	
morning set	-4388 Jan 18 j 04:43	16°♐29'09	
max. Earth dist.	-4388 Jan 22 j 07:11	24°♐18'40	1.35414 AU
	-4388 Jan 25 j 04:11	0°♑	
superior conj	-4388 Jan 27 j 04:34	4°♑04'37	-1°-28'-45
minimum elong	-4388 Jan 27 j 07:39	4°♑20'21	1°28'37
evening rise	-4388 Feb 03 j 23:27	20°♑08'59	
asc. node	-4388 Feb 06 j 07:27	24°♑52'41	
	-4388 Feb 08 j 22:24	0°♒	
evening max el	-4388 Feb 22 j 13:36	20°♒02'19	20°30'40
retrograde	-4388 Mar 04 j 09:37	25°♒11'10	
evening set	-4388 Mar 06 j 18:04	24°♒57'37	
inferior conj	-4388 Mar 15 j 17:18	20°♒59'25	1°11'29
minimum elong	-4388 Mar 15 j 20:23	20°♒54'54	1°10'19
min. Earth dist.	-4388 Mar 17 j 04:54	20°♒07'23	0.55425 AU
desc. node	-4388 Mar 20 j 02:19	18°♒31'58	
morning rise	-4388 Mar 24 j 20:44	16°♒40'35	
direct	-4388 Mar 28 j 08:42	16°♒13'56	
morning max el	-4388 Apr 10 j 18:50	22°♒48'04	23°11'59
	-4388 Apr 17 j 02:43	0°♓	
morning set	-4388 May 03 j 19:28	29°♓11'34	
asc. node	-4388 May 04 j 07:08	0°♈12'41	
	-4388 May 04 j 04:43	0°♈	
superior conj	-4388 May 10 j 23:52	14°♈30'12	1°04'21
minimum elong	-4388 May 10 j 21:25	14°♈17'07	1°03'58
max. Earth dist.	-4388 May 13 j 09:32	19°♈35'32	1.33865 AU
	-4388 May 18 j 11:29	0°♉	
evening rise	-4388 May 18 j 16:31	0°♉25'01	
	-4388 Jun 04 j 12:46	0°♊	
desc. node	-4388 Jun 16 j 00:55	15°♊42'10	
evening max el	-4388 Jun 21 j 16:07	21°♊47'00	27°21'20
retrograde	-4388 Jul 05 j 05:18	29°♊11'51	
evening set	-4388 Jul 12 j 07:26	26°♊27'41	
min. Earth dist.	-4388 Jul 15 j 23:35	23°♊03'36	0.64194 AU
inferior conj	-4388 Jul 18 j 09:06	20°♊29'10	-3°-34'-24
minimum elong	-4388 Jul 18 j 12:44	20°♊19'23	3°33'24
morning rise	-4388 Jul 24 j 19:45	15°♊03'20	
direct	-4388 Jul 27 j 12:05	14°♊26'30	
asc. node	-4388 Jul 31 j 06:40	15°♊38'56	
morning max el	-4388 Aug 03 j 00:20	17°♊53'38	18°03'32
	-4388 Aug 11 j 19:17	0°♋	
morning set	-4388 Aug 20 j 13:06	14°♋43'56	
	-4388 Aug 29 j 14:47	0°♌	
superior conj	-4388 Sep 02 j 17:25	6°♌44'02	0°56'40
minimum elong	-4388 Sep 02 j 23:03	7°♌06'50	0°56'10
max. Earth dist.	-4388 Sep 07 j 17:01	14°♌44'51	1.44210 AU
desc. node	-4388 Sep 12 j 00:13	21°♌32'59	
	-4388 Sep 17 j 10:07	0°♍	
evening rise	-4388 Sep 19 j 04:03	2°♍42'21	
	-4388 Oct 07 j 07:50	0°♎	
greatest brilliancy	-4388 Oct 09 j 03:05	2°♎30'37	-0.6m
evening max el	-4388 Oct 15 j 22:24	10°♎52'34	20°13'31
retrograde	-4388 Oct 23 j 17:18	15°♎27'00	
evening set	-4388 Oct 27 j 08:02	14°♎11'09	
asc. node	-4388 Oct 27 j 05:32	14°♎15'29	
inferior conj	-4388 Nov 01 j 20:33	8°♎04'48	1°50'30
minimum elong	-4388 Nov 01 j 18:12	8°♎12'42	1°49'35
min. Earth dist.	-4388 Nov 02 j 15:38	7°♎00'55	0.66696 AU
morning rise	-4388 Nov 07 j 03:47	1°♎48'07	
	-4388 Nov 09 j 20:25	30°℞♍	
direct	-4388 Nov 12 j 19:45	29°♍20'41	
	-4388 Nov 16 j 00:20	0°♎	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-4388 Nov 24 j 10:58	6°♎15'54	24°56'28
desc. node	-4388 Dec 09 j 00:12	24°♎20'00	
	-4388 Dec 12 j 22:17	0°♏	
morning set	-4388 Dec 30 j 12:57	28°♏35'22	
	-4388 Dec 31 j 07:57	0°♐	
max. Earth dist.	-4387 Jan 03 j 07:35	5°♐25'34	1.37163 AU
superior conj	-4387 Jan 09 j 16:54	17°♐35'14	-1°-44'-35
minimum elong	-4387 Jan 09 j 19:29	17°♐47'55	1°44'38
	-4387 Jan 15 j 22:19	0°♑	
evening rise	-4387 Jan 18 j 02:05	4°♑19'58	
asc. node	-4387 Jan 23 j 04:30	14°♑16'26	
	-4387 Feb 02 j 08:39	0°♒	
evening max el	-4387 Feb 04 j 04:32	1°♒54'17	19°25'27
retrograde	-4387 Feb 13 j 09:12	6°♒16'25	
evening set	-4387 Feb 15 j 17:28	6°♒00'39	
inferior conj	-4387 Feb 24 j 01:11	1°♒53'17	2°45'09
minimum elong	-4387 Feb 24 j 06:16	1°♒44'55	2°43'41
	-4387 Feb 26 j 22:35	30°℞♑	
min. Earth dist.	-4387 Feb 26 j 19:49	0°♒04'24	0.56500 AU
morning rise	-4387 Mar 04 j 15:24	27°♑05'00	
desc. node	-4387 Mar 06 j 23:27	26°♑27'37	
direct	-4387 Mar 09 j 07:53	26°♑14'47	
	-4387 Mar 19 j 08:55	0°♒	
morning max el	-4387 Mar 23 j 10:11	3°♒24'43	24°50'16
	-4387 Apr 11 j 03:18	0°♓	
morning set	-4387 Apr 18 j 07:47	14°♓14'53	
asc. node	-4387 Apr 21 j 04:07	20°♓18'42	
superior conj	-4387 Apr 25 j 09:13	29°♓26'45	0°42'30
minimum elong	-4387 Apr 25 j 07:27	29°♓17'08	0°42'09
	-4387 Apr 25 j 15:21	0°♈	
max. Earth dist.	-4387 Apr 26 j 16:58	2°♈18'27	1.33099 AU
evening rise	-4387 May 02 j 16:41	14°♈54'47	
	-4387 May 10 j 12:53	0°♉	
	-4387 May 30 j 16:32	0°♊	
desc. node	-4387 Jun 02 j 22:02	3°♊29'04	
evening max el	-4387 Jun 04 j 00:46	4°♊34'50	27°21'22
retrograde	-4387 Jun 17 j 21:13	11°♊59'12	
evening set	-4387 Jun 24 j 23:33	9°♊31'42	
min. Earth dist.	-4387 Jun 28 j 13:43	6°♊35'27	0.62485 AU
inferior conj	-4387 Jul 01 j 12:30	3°♊45'48	-4°-3'-45
minimum elong	-4387 Jul 01 j 15:11	3°♊39'22	4°03'15
	-4387 Jul 05 j 21:37	30°℞♉	
morning rise	-4387 Jul 08 j 09:14	28°♉39'19	
direct	-4387 Jul 10 j 22:27	28°♉09'42	
	-4387 Jul 15 j 19:31	0°♊	
morning max el	-4387 Jul 17 j 15:01	1°♊33'54	17°56'47
asc. node	-4387 Jul 18 j 03:44	2°♊06'08	
morning set	-4387 Aug 02 j 23:17	27°♊04'47	
	-4387 Aug 04 j 14:30	0°♋	
superior conj	-4387 Aug 14 j 07:24	16°♋57'22	1°28'03
minimum elong	-4387 Aug 14 j 12:32	17°♋19'09	1°27'48
max. Earth dist.	-4387 Aug 21 j 05:48	28°♋29'22	1.43004 AU
	-4387 Aug 22 j 04:07	0°♌	
evening rise	-4387 Aug 29 j 08:02	11°♌23'10	
desc. node	-4387 Aug 29 j 21:10	12°♌14'23	
	-4387 Sep 10 j 14:07	0°♍	
greatest brilliancy	-4387 Sep 23 j 16:39	18°♍17'55	-0.4m
evening max el	-4387 Sep 28 j 21:00	24°♍17'53	21°22'22
retrograde	-4387 Oct 07 j 13:58	29°♍27'39	
evening set	-4387 Oct 11 j 15:57	27°♍54'27	
asc. node	-4387 Oct 14 j 02:41	25°♍30'44	
inferior conj	-4387 Oct 17 j 01:34	21°♍40'01	0°59'53
minimum elong	-4387 Oct 17 j 00:13	21°♍44'40	0°59'22
min. Earth dist.	-4387 Oct 17 j 09:40	21°♍12'09	0.67202 AU
morning rise	-4387 Oct 22 j 08:08	15°♍22'15	
direct	-4387 Oct 27 j 08:49	13°♍15'01	
morning max el	-4387 Nov 06 j 20:06	19°♍30'31	23°31'08
	-4387 Nov 15 j 16:58	0°♎	
desc. node	-4387 Nov 25 j 21:08	14°♎13'50	
	-4387 Dec 06 j 03:01	0°♏	
morning set	-4387 Dec 11 j 20:39	9°♏25'44	
max. Earth dist.	-4387 Dec 16 j 03:08	16°♏45'31	1.39188 AU
	-4387 Dec 23 j 11:00	0°♐	
superior conj	-4387 Dec 23 j 15:29	0°♐20'53	-1°-53'-15
minimum elong	-4387 Dec 23 j 16:21	0°♐24'59	1°53'25
evening rise	-4386 Jan 01 j 21:06	18°♐02'45	
	-4386 Jan 08 j 05:24	0°♑	
asc. node	-4386 Jan 10 j 01:33	3°♑12'28	
evening max el	-4386 Jan 18 j 04:58	14°♑19'29	18°39'45
retrograde	-4386 Jan 26 j 02:05	18°♑08'45	
evening set	-4386 Jan 28 j 13:00	17°♑47'54	
inferior conj	-4386 Feb 05 j 04:17	13°♑21'52	3°41'44
minimum elong	-4386 Feb 05 j 07:43	13°♑15'19	3°41'02
min. Earth dist.	-4386 Feb 08 j 12:35	10°♑50'05	0.58206 AU
morning rise	-4386 Feb 12 j 22:47	8°♑06'38	
direct	-4386 Feb 18 j 20:18	6°♑40'14	
desc. node	-4386 Feb 21 j 20:34	7°♑02'34	
morning max el	-4386 Mar 05 j 02:17	14°♑08'52	26°16'21
	-4386 Mar 17 j 17:17	0°♒	
morning set	-4386 Apr 02 j 19:18	29°♒15'29	
	-4386 Apr 03 j 03:47	0°♓	
asc. node	-4386 Apr 08 j 01:05	10°♓30'36	
superior conj	-4386 Apr 09 j 20:34	14°♓28'16	0°18'47
minimum elong	-4386 Apr 09 j 19:45	14°♓23'47	0°18'32
max. Earth dist.	-4386 Apr 10 j 05:14	15°♓15'40	1.32681 AU
evening rise	-4386 Apr 16 j 22:46	29°♓41'43	
	-4386 Apr 17 j 02:18	0°♈	
	-4386 May 03 j 18:30	0°♉	
evening max el	-4386 May 17 j 04:45	16°♉45'17	26°48'36
desc. node	-4386 May 20 j 19:10	19°♉51'21	
retrograde	-4386 May 31 j 05:33	24°♉05'58	
evening set	-4386 Jun 06 j 21:42	22°♉08'48	
min. Earth dist.	-4386 Jun 10 j 18:17	19°♉26'27	0.60515 AU
inferior conj	-4386 Jun 14 j 02:02	16°♉39'09	-4°-16'-26
minimum elong	-4386 Jun 14 j 02:24	16°♉38'22	4°16'19
morning rise	-4386 Jun 21 j 10:18	11°♉54'05	
direct	-4386 Jun 23 j 22:06	11°♉29'54	
morning max el	-4386 Jul 01 j 03:11	15°♉01'13	18°09'07
asc. node	-4386 Jul 05 j 00:46	19°♉36'33	
	-4386 Jul 11 j 12:13	0°♊	
morning set	-4386 Jul 17 j 02:21	10°♊15'31	
superior conj	-4386 Jul 27 j 00:10	28°♊30'42	1°44'50
minimum elong	-4386 Jul 27 j 02:39	28°♊41'49	1°44'56
	-4386 Jul 27 j 20:11	0°♋	
max. Earth dist.	-4386 Aug 03 j 13:14	11°♋37'28	1.41325 AU
evening rise	-4386 Aug 09 j 01:32	20°♋43'33	
	-4386 Aug 14 j 22:06	0°♌	
desc. node	-4386 Aug 16 j 18:09	2°♌49'44	
	-4386 Sep 04 j 21:08	0°♍	
greatest brilliancy	-4386 Sep 06 j 18:22	2°♍20'14	-0.3m
evening max el	-4386 Sep 11 j 13:40	7°♍43'14	22°40'01
retrograde	-4386 Sep 21 j 08:26	13°♍31'23	
evening set	-4386 Sep 25 j 23:46	11°♍38'46	
asc. node	-4386 Sep 30 j 23:49	5°♍48'08	
inferior conj	-4386 Oct 01 j 08:03	5°♍19'41	0°07'03
minimum elong	-4386 Oct 01 j 07:53	5°♍20'16	0°07'04
transit middle	-4386 Oct 01 j 07:53	5°♍20'16	0°07'04
transit begin	-4386 Oct 01 j 05:27	5°♍28'40	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

transit end	-4386 Oct 01 j 10:19	5°♍11'52		
min. Earth dist.	-4386 Oct 01 j 05:51	5°♍27'18	0.67407 AU	
	-4386 Oct 05 j 14:58	30℞♌		
morning rise	-4386 Oct 06 j 15:55	29°♌03'58		
direct	-4386 Oct 11 j 01:57	27°♌18'20		
	-4386 Oct 17 j 06:14	0°♍		
morning max el	-4386 Oct 20 j 08:38	2°♍49'18	22°05'51	
greatest brilliancy	-4386 Oct 25 j 03:40	8°♍15'55	-0.4m	
	-4386 Nov 09 j 18:56	0°♎		
desc. node	-4386 Nov 12 j 18:03	4°♎27'25		
morning set	-4386 Nov 21 j 23:43	18°♎52'21		
max. Earth dist.	-4386 Nov 28 j 02:09	28°♎52'20	1.41228 AU	
	-4386 Nov 28 j 18:17	0°♏		
superior conj	-4386 Dec 05 j 19:06	12°♏08'10	-1°-51'-24	
minimum elong	-4386 Dec 05 j 16:54	11°♏58'26	1°51'28	
	-4386 Dec 15 j 14:16	0°♐		
evening rise	-4386 Dec 16 j 05:23	1°♐10'14		
asc. node	-4386 Dec 27 j 22:38	21°♐31'57		
evening max el	-4385 Jan 01 j 12:19	27°♐10'22	18°14'08	
	-4385 Jan 05 j 10:02	0°♑		
retrograde	-4385 Jan 08 j 13:11	0°♑42'33		
evening set	-4385 Jan 11 j 02:38	0°♑15'20		
	-4385 Jan 11 j 18:26	30℞♐		
inferior conj	-4385 Jan 18 j 03:30	25°♐27'05	4°03'20	
minimum elong	-4385 Jan 18 j 04:04	25°♐25'51	4°03'06	
min. Earth dist.	-4385 Jan 21 j 10:07	22°♐34'32	0.60190 AU	
morning rise	-4385 Jan 25 j 02:38	19°♐51'38		
direct	-4385 Jan 31 j 19:57	17°♐47'09		
desc. node	-4385 Feb 08 j 17:38	20°♐22'08		
morning max el	-4385 Feb 14 j 23:49	25°♐24'44	27°16'15	
	-4385 Feb 19 j 06:27	0°♑		
	-4385 Mar 10 j 23:52	0°♒		
morning set	-4385 Mar 18 j 04:15	14°♒06'59		
superior conj	-4385 Mar 25 j 08:14	29°♒28'46	0°-6'00	
minimum elong	-4385 Mar 25 j 08:31	29°♒30'16	0°06'04	
behind sun begin	-4385 Mar 25 j 03:51	29°♒04'47		
behind sun end	-4385 Mar 25 j 13:10	29°♒55'45		
max. Earth dist.	-4385 Mar 24 j 18:43	28°♒14'54	1.32599 AU	
asc. node	-4385 Mar 25 j 22:03	0°♓44'19		
	-4385 Mar 25 j 13:57	0°♓		
evening rise	-4385 Apr 01 j 08:31	14°♓37'37		
	-4385 Apr 09 j 03:32	0°♈		
evening max el	-4385 Apr 29 j 02:27	28°♈13'17	25°45'10	
	-4385 May 01 j 01:41	0°♉		
desc. node	-4385 May 07 j 16:19	4°♉15'44		
retrograde	-4385 May 13 j 04:30	5°♉27'18		
evening set	-4385 May 18 j 22:36	4°♉07'58		
min. Earth dist.	-4385 May 23 j 14:54	1°♉22'52	0.58488 AU	
	-4385 May 25 j 13:01	30℞♈		
inferior conj	-4385 May 26 j 22:01	28°♈59'25	-4°-3'-46	
minimum elong	-4385 May 26 j 19:00	29°♈04'55	4°03'22	
morning rise	-4385 Jun 03 j 19:21	24°♈36'16		
direct	-4385 Jun 06 j 06:36	24°♈16'27		
morning max el	-4385 Jun 14 j 09:59	28°♈07'15	18°41'24	
	-4385 Jun 16 j 05:25	0°♉		
asc. node	-4385 Jun 21 j 21:46	7°♉56'00		
morning set	-4385 Jun 30 j 17:43	24°♉04'16		
	-4385 Jul 03 j 18:53	0°♊		
superior conj	-4385 Jul 09 j 14:43	11°♊10'30	1°49'18	
minimum elong	-4385 Jul 09 j 14:37	11°♊10'03	1°49'29	
max. Earth dist.	-4385 Jul 16 j 16:10	24°♊03'35	1.39399 AU	
	-4385 Jul 20 j 02:14	0°♋		
evening rise	-4385 Jul 20 j 20:07	1°♋16'12		
desc. node	-4385 Aug 03 j 15:09	23°♋14'37		
	-4385 Aug 08 j 06:03	0°♌		
evening max el	-4385 Aug 25 j 02:00	21°♌09'51	24°00'49	
retrograde	-4385 Sep 04 j 23:36	27°♌34'56		
evening set	-4385 Sep 10 j 05:43	25°♌22'20		
min. Earth dist.	-4385 Sep 15 j 01:41	19°♌44'37	0.67313 AU	
inferior conj	-4385 Sep 15 j 14:16	19°♌01'54	0°-46'-22	
minimum elong	-4385 Sep 15 j 15:21	18°♌58'15	0°45'46	
asc. node	-4385 Sep 17 j 20:56	16°♌02'46		
morning rise	-4385 Sep 21 j 01:11	12°♌51'23		
direct	-4385 Sep 24 j 22:07	11°♌26'10		
morning max el	-4385 Oct 03 j 03:29	16°♌15'48	20°47'43	
greatest brilliancy	-4385 Oct 09 j 02:42	23°♌20'31	-0.5m	
	-4385 Oct 13 j 23:14	0°♍		
desc. node	-4385 Oct 30 j 14:56	24°♍54'25		
morning set	-4385 Nov 01 j 03:21	27°♍15'46		
	-4385 Nov 02 j 21:25	0°♎		
max. Earth dist.	-4385 Nov 10 j 08:31	11°♎53'12	1.42986 AU	
superior conj	-4385 Nov 16 j 21:58	22°♎42'12	-1°-35'-20	
minimum elong	-4385 Nov 16 j 16:15	22°♎18'10	1°34'57	
	-4385 Nov 21 j 05:03	0°♏		
evening rise	-4385 Nov 28 j 22:59	13°♏33'35		
	-4385 Dec 08 j 10:35	0°♐		
asc. node	-4385 Dec 14 j 19:43	9°♐03'04		
evening max el	-4385 Dec 15 j 23:42	10°♐18'08	18°08'15	
retrograde	-4385 Dec 22 j 14:41	13°♐46'39		
evening set	-4385 Dec 25 j 06:50	13°♐12'12		
inferior conj	-4385 Dec 31 j 19:56	8°♐02'15	3°58'39	
minimum elong	-4385 Dec 31 j 18:12	8°♐06'37	3°58'20	
min. Earth dist.	-4384 Jan 03 j 15:48	5°♐11'47	0.62137 AU	
morning rise	-4384 Jan 07 j 03:29	2°♐12'00		
	-4384 Jan 11 j 12:38	30℞♏		
direct	-4384 Jan 14 j 04:44	29°♏38'19		
	-4384 Jan 16 j 23:00	0°♐		
desc. node	-4384 Jan 26 j 14:40	5°♐53'43		
morning max el	-4384 Jan 28 j 03:43	7°♐21'08	27°41'38	
	-4384 Feb 14 j 11:56	0°♑		
morning set	-4384 Mar 01 j 08:36	28°♑41'54		
	-4384 Mar 01 j 23:54	0°♒		
max. Earth dist.	-4384 Mar 07 j 05:30	11°♒01'39	1.32858 AU	
superior conj	-4384 Mar 08 j 18:36	14°♒22'15	0°-30'-57	
minimum elong	-4384 Mar 08 j 19:59	14°♒29'43	0°30'51	
asc. node	-4384 Mar 11 j 19:02	20°♒55'40		
evening rise	-4384 Mar 15 j 19:58	29°♒35'13		
	-4384 Mar 16 j 00:41	0°♓		
	-4384 Apr 02 j 00:02	0°♈		
evening max el	-4384 Apr 09 j 19:06	9°♈07'25	24°19'47	
retrograde	-4384 Apr 23 j 16:14	16°♈06'30		
desc. node	-4384 Apr 23 j 13:27	16°♈06'28		
evening set	-4384 Apr 28 j 03:26	15°♈21'43		
min. Earth dist.	-4384 May 04 j 06:56	12°♈19'04	0.56704 AU	
inferior conj	-4384 May 06 j 22:02	10°♈39'15	-3°-15'-45	
minimum elong	-4384 May 06 j 16:24	10°♈48'14	3°14'28	
morning rise	-4384 May 15 j 09:27	6°♈34'27		
direct	-4384 May 17 j 20:24	6°♈18'07		
morning max el	-4384 May 27 j 08:46	10°♈43'17	19°34'06	
asc. node	-4384 Jun 07 j 18:46	26°♈53'10		
	-4384 Jun 09 j 11:05	0°♉		
morning set	-4384 Jun 13 j 17:53	8°♉22'10		
superior conj	-4384 Jun 21 j 21:25	24°♉41'10	1°44'22	
minimum elong	-4384 Jun 21 j 19:37	24°♉32'18	1°44'25	
	-4384 Jun 24 j 14:57	0°♊		
max. Earth dist.	-4384 Jun 27 j 18:22	5°♊56'53	1.37487 AU	
evening rise	-4384 Jul 01 j 16:18	13°♊05'03		
	-4384 Jul 11 j 16:38	0°♋		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4384 Jul 20 j 12:13	13°♋23'49	
	-4384 Aug 02 j 04:21	0°♌	
evening max el	-4384 Aug 06 j 12:34	4°♌39'32	25°17'39
retrograde	-4384 Aug 18 j 10:48	11°♌34'46	
evening set	-4384 Aug 24 j 08:01	9°♌04'13	
min. Earth dist.	-4384 Aug 28 j 18:56	4°♌02'55	0.66903 AU
inferior conj	-4384 Aug 29 j 18:33	2°♌45'44	-1°-38'-38
minimum elong	-4384 Aug 29 j 20:49	2°♌38'22	1°37'35
	-4384 Aug 31 j 23:05	30°℞♋	
asc. node	-4384 Sep 03 j 18:02	27°♋12'29	
morning rise	-4384 Sep 04 j 10:07	26°♋43'28	
direct	-4384 Sep 07 j 20:02	25°♋35'57	
morning max el	-4384 Sep 15 j 05:40	29°♋51'43	19°41'35
	-4384 Sep 15 j 08:54	0°♌	
greatest brilliancy	-4384 Sep 23 j 14:35	10°♌30'07	-0.6m
	-4384 Oct 06 j 12:35	0°♍	
morning set	-4384 Oct 10 j 03:12	5°♍35'40	
desc. node	-4384 Oct 16 j 11:53	15°♍31'01	
max. Earth dist.	-4384 Oct 22 j 21:19	25°♍35'51	1.44225 AU
	-4384 Oct 25 j 15:34	0°♎	
superior conj	-4384 Oct 26 j 21:19	1°♎59'19	-1°-2'-42
minimum elong	-4384 Oct 26 j 14:42	1°♎32'46	1°01'57
evening rise	-4384 Nov 09 j 21:25	25°♎04'15	
	-4384 Nov 12 j 19:31	0°♏	
evening max el	-4384 Nov 28 j 12:23	23°♏36'53	18°21'18
asc. node	-4384 Nov 30 j 16:50	25°♏32'33	
retrograde	-4384 Dec 05 j 02:07	27°♏12'30	
evening set	-4384 Dec 07 j 22:04	26°♏29'28	
inferior conj	-4384 Dec 14 j 01:49	21°♏00'00	3°35'53
minimum elong	-4384 Dec 13 j 22:52	21°♏08'16	3°35'11
min. Earth dist.	-4384 Dec 16 j 07:29	18°♏29'18	0.63854 AU
morning rise	-4384 Dec 19 j 22:11	14°♏58'51	
direct	-4384 Dec 26 j 21:25	12°♏10'18	
morning max el	-4383 Jan 09 j 11:54	19°♏53'24	27°30'56
desc. node	-4383 Jan 12 j 11:42	23°♏02'12	
	-4383 Jan 18 j 05:32	0°♐	
	-4383 Feb 06 j 10:48	0°♑	
morning set	-4383 Feb 13 j 05:45	12°♑51'09	
max. Earth dist.	-4383 Feb 18 j 09:26	23°♑21'38	1.33501 AU
superior conj	-4383 Feb 21 j 01:54	29°♑02'22	0°-55'-10
minimum elong	-4383 Feb 21 j 04:15	29°♑14'53	0°54'56
	-4383 Feb 21 j 12:42	0°♒	
asc. node	-4383 Feb 26 j 16:02	11°♒00'14	
evening rise	-4383 Feb 28 j 07:20	14°♒27'48	
	-4383 Mar 08 j 05:11	0°♓	
evening max el	-4383 Mar 22 j 11:49	19°♓50'37	22°45'46
retrograde	-4383 Apr 04 j 15:35	26°♓17'30	
evening set	-4383 Apr 07 j 21:02	25°♓54'41	
desc. node	-4383 Apr 10 j 10:36	25°♓06'33	
min. Earth dist.	-4383 Apr 15 j 21:29	22°♓22'30	0.55513 AU
inferior conj	-4383 Apr 17 j 03:39	21°♓39'03	-1°-48'-8
minimum elong	-4383 Apr 16 j 23:04	21°♓45'41	1°46'45
morning rise	-4383 Apr 26 j 03:36	17°♓41'51	
direct	-4383 Apr 28 j 16:43	17°♓26'37	
morning max el	-4383 May 09 j 21:16	22°♓40'27	20°46'33
	-4383 May 16 j 02:56	0°♈	
asc. node	-4383 May 25 j 15:46	16°♈18'17	
morning set	-4383 May 29 j 00:04	23°♈00'57	
	-4383 Jun 01 j 09:14	0°♉	
superior conj	-4383 Jun 05 j 15:33	8°♉48'09	1°32'31
minimum elong	-4383 Jun 05 j 12:57	8°♉34'53	1°32'22
max. Earth dist.	-4383 Jun 10 j 02:06	17°♉42'46	1.35807 AU
evening rise	-4383 Jun 14 j 09:15	25°♉57'15	
	-4383 Jun 16 j 13:53	0°♊	
	-4383 Jul 05 j 02:59	0°♋	
desc. node	-4383 Jul 07 j 09:18	3°♋09'14	
evening max el	-4383 Jul 19 j 23:26	18°♋09'45	26°22'34
retrograde	-4383 Aug 01 j 17:19	25°♋24'07	
evening set	-4383 Aug 08 j 04:31	22°♋40'58	
min. Earth dist.	-4383 Aug 12 j 07:11	18°♋18'07	0.66145 AU
inferior conj	-4383 Aug 13 j 19:00	16°♋27'47	-2°-28'-3
minimum elong	-4383 Aug 13 j 22:12	16°♋17'55	2°26'46
morning rise	-4383 Aug 19 j 16:46	10°♋36'56	
asc. node	-4383 Aug 21 j 15:08	9°♋50'54	
direct	-4383 Aug 22 j 18:01	9°♋43'46	
morning max el	-4383 Aug 29 j 14:10	13°♋34'05	18°50'18
	-4383 Sep 10 j 12:13	0°♌	
morning set	-4383 Sep 19 j 20:59	14°♌51'21	
	-4383 Sep 29 j 10:12	0°♍	
desc. node	-4383 Oct 03 j 08:51	6°♍13'13	
max. Earth dist.	-4383 Oct 05 j 14:05	9°♍42'55	1.44790 AU
superior conj	-4383 Oct 06 j 00:06	10°♍22'25	0°-16'-36
minimum elong	-4383 Oct 05 j 21:56	10°♍13'51	0°16'15
behind sun begin	-4383 Oct 05 j 20:51	10°♍09'35	
behind sun end	-4383 Oct 05 j 23:01	10°♍18'07	
	-4383 Oct 18 j 09:08	0°♎	
evening rise	-4383 Oct 21 j 20:10	5°♎33'01	
	-4383 Nov 06 j 09:36	0°♏	
evening max el	-4383 Nov 11 j 23:49	7°♏02'02	18°52'16
asc. node	-4383 Nov 17 j 13:56	10°♏45'18	
retrograde	-4383 Nov 18 j 19:36	10°♏53'50	
evening set	-4383 Nov 21 j 21:11	10°♏00'05	
inferior conj	-4383 Nov 27 j 17:37	4°♏13'56	3°00'59
minimum elong	-4383 Nov 27 j 14:25	4°♏23'45	2°59'59
min. Earth dist.	-4383 Nov 29 j 08:52	2°♏13'48	0.65238 AU
	-4383 Dec 01 j 07:23	30°℞♎	
morning rise	-4383 Dec 03 j 06:36	28°♎04'51	
direct	-4383 Dec 09 j 20:44	25°♎16'08	
	-4383 Dec 19 j 19:46	0°♏	
morning max el	-4383 Dec 22 j 21:32	2°♏50'09	26°48'29
desc. node	-4383 Dec 30 j 08:44	11°♏19'41	
	-4382 Jan 12 j 11:47	0°♐	
morning set	-4382 Jan 27 j 16:21	26°♐24'04	
	-4382 Jan 29 j 13:05	0°♑	
max. Earth dist.	-4382 Feb 01 j 03:03	5°♑06'48	1.34582 AU
superior conj	-4382 Feb 05 j 04:03	13°♑22'39	-1°-17'-25
minimum elong	-4382 Feb 05 j 07:02	13°♑38'07	1°17'12
evening rise	-4382 Feb 12 j 16:54	29°♑09'32	
	-4382 Feb 13 j 02:40	0°♒	
asc. node	-4382 Feb 13 j 13:04	0°♒53'34	
	-4382 Mar 03 j 14:28	0°♓	
evening max el	-4382 Mar 04 j 10:51	0°♓50'04	21°16'20
retrograde	-4382 Mar 16 j 05:46	6°♓28'17	
evening set	-4382 Mar 18 j 17:57	6°♓13'53	
inferior conj	-4382 Mar 27 j 23:26	2°♓14'53	0°05'44
minimum elong	-4382 Mar 27 j 23:42	2°♓14'31	0°05'32
transit middle	-4382 Mar 27 j 23:42	2°♓14'31	0°05'32
transit begin	-4382 Mar 27 j 19:51	2°♓19'57	
transit end	-4382 Mar 28 j 03:32	2°♓09'05	
desc. node	-4382 Mar 28 j 07:43	2°♓03'09	
min. Earth dist.	-4382 Mar 28 j 11:47	1°♓57'25	0.55186 AU
	-4382 Apr 01 j 03:09	30°℞♒	
morning rise	-4382 Apr 06 j 04:57	28°♒08'36	
direct	-4382 Apr 09 j 05:10	27°♒48'45	
	-4382 Apr 16 j 18:52	0°♓	
morning max el	-4382 Apr 21 j 22:55	3°♓55'59	22°15'43
	-4382 May 09 j 12:19	0°♈	
asc. node	-4382 May 12 j 12:47	6°♈04'07	
morning set	-4382 May 13 j 10:06	7°♈54'17	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4382 May 20 j 17:36	23°♈20'53	1°15'42
minimum elong	-4382 May 20 j 14:56	23°♈06'51	1°15'23
	-4382 May 23 j 22:15	0°♉	
max. Earth dist.	-4382 May 23 j 19:46	29°♈47'15	1.34472 AU
evening rise	-4382 May 28 j 17:40	9°♉37'47	
	-4382 Jun 09 j 01:01	0°♊	
desc. node	-4382 Jun 24 j 06:22	22°♊20'44	
	-4382 Jun 30 j 21:32	0°♋	
evening max el	-4382 Jul 02 j 10:55	1°♋33'25	27°07'27
retrograde	-4382 Jul 15 j 18:30	8°♋56'02	
evening set	-4382 Jul 22 j 16:38	6°♋09'09	
min. Earth dist.	-4382 Jul 26 j 12:09	2°♋24'27	0.65019 AU
inferior conj	-4382 Jul 28 j 13:25	0°♋04'29	-3°-12'-21
minimum elong	-4382 Jul 28 j 17:06	29°♊53'58	3°11'11
	-4382 Jul 28 j 14:59	30°℞♊	
morning rise	-4382 Aug 03 j 18:55	24°♊28'19	
direct	-4382 Aug 06 j 13:53	23°♊46'14	
asc. node	-4382 Aug 08 j 12:15	24°♊06'15	
morning max el	-4382 Aug 13 j 03:01	27°♊19'24	18°15'30
	-4382 Aug 15 j 11:41	0°♋	
morning set	-4382 Aug 31 j 17:51	25°♋25'38	
	-4382 Sep 03 j 12:08	0°♌	
superior conj	-4382 Sep 15 j 02:12	18°♌47'47	0°32'15
minimum elong	-4382 Sep 15 j 06:03	19°♌03'10	0°31'53
max. Earth dist.	-4382 Sep 18 j 08:06	23°♌57'03	1.44631 AU
desc. node	-4382 Sep 20 j 05:48	26°♌57'28	
	-4382 Sep 22 j 04:12	0°♍	
evening rise	-4382 Oct 01 j 18:09	14°♍58'22	
	-4382 Oct 11 j 11:03	0°♎	
greatest brilliancy	-4382 Oct 18 j 00:04	9°♎48'11	-0.7m
evening max el	-4382 Oct 26 j 07:34	20°♎29'04	19°39'40
retrograde	-4382 Nov 02 j 16:06	24°♎45'21	
asc. node	-4382 Nov 04 j 11:05	24°♎26'45	
evening set	-4382 Nov 06 j 01:28	23°♎38'17	
inferior conj	-4382 Nov 11 j 16:23	17°♎38'26	2°17'53
minimum elong	-4382 Nov 11 j 13:36	17°♎47'33	2°16'51
min. Earth dist.	-4382 Nov 12 j 18:22	16°♎13'45	0.66268 AU
morning rise	-4382 Nov 17 j 01:01	11°♎23'59	
direct	-4382 Nov 23 j 01:46	8°♎46'38	
morning max el	-4382 Dec 05 j 06:41	15°♎59'01	25°41'57
	-4382 Dec 16 j 22:22	0°♏	
desc. node	-4382 Dec 17 j 05:44	0°♏25'05	
	-4381 Jan 05 j 08:44	0°♐	
morning set	-4381 Jan 10 j 11:43	9°♐05'56	
max. Earth dist.	-4381 Jan 14 j 09:02	16°♐21'21	1.36114 AU
superior conj	-4381 Jan 19 j 22:21	27°♐14'01	-1°-36'-12
minimum elong	-4381 Jan 20 j 01:21	27°♐29'03	1°36'06
	-4381 Jan 21 j 07:18	0°♑	
evening rise	-4381 Jan 27 j 22:39	13°♑33'28	
asc. node	-4381 Jan 31 j 10:06	20°♑29'46	
	-4381 Feb 05 j 14:36	0°♒	
evening max el	-4381 Feb 14 j 19:42	12°♒20'53	20°00'38
retrograde	-4381 Feb 24 j 22:05	17°♒08'03	
evening set	-4381 Feb 27 j 06:00	16°♒53'54	
inferior conj	-4381 Mar 07 j 23:05	12°♒53'30	1°55'17
minimum elong	-4381 Mar 08 j 03:33	12°♒46'41	1°53'46
min. Earth dist.	-4381 Mar 10 j 01:53	11°♒36'21	0.55791 AU
desc. node	-4381 Mar 15 j 04:52	8°♒58'19	
morning rise	-4381 Mar 16 j 22:14	8°♒22'57	
direct	-4381 Mar 20 j 21:49	7°♒47'58	
morning max el	-4381 Apr 03 j 16:13	14°♒38'59	23°54'19
	-4381 Apr 15 j 15:39	0°♓	
morning set	-4381 Apr 27 j 22:03	22°♓55'22	
asc. node	-4381 Apr 29 j 09:46	26°♓03'56	
	-4381 May 01 j 05:54	0°♈	
superior conj	-4381 May 05 j 00:51	8°♈10'16	0°55'22
minimum elong	-4381 May 04 j 22:39	7°♈58'24	0°55'00
max. Earth dist.	-4381 May 06 j 23:02	12°♈17'30	1.33499 AU
evening rise	-4381 May 12 j 13:04	23°♈52'22	
	-4381 May 15 j 15:51	0°♉	
	-4381 Jun 02 j 16:19	0°♊	
desc. node	-4381 Jun 11 j 03:27	10°♊44'03	
evening max el	-4381 Jun 14 j 21:22	14°♊38'13	27°25'20
retrograde	-4381 Jun 28 j 13:45	22°♊02'24	
evening set	-4381 Jul 05 j 17:09	19°♊23'48	
min. Earth dist.	-4381 Jul 09 j 07:53	16°♊12'51	0.63511 AU
inferior conj	-4381 Jul 11 j 23:12	13°♊30'34	-3°-48'-27
minimum elong	-4381 Jul 12 j 02:34	13°♊21'52	3°47'40
morning rise	-4381 Jul 18 j 13:55	8°♊12'26	
direct	-4381 Jul 21 j 04:48	7°♊38'47	
asc. node	-4381 Jul 26 j 09:21	9°♊49'49	
morning max el	-4381 Jul 27 j 17:47	11°♊03'18	17°58'22
	-4381 Aug 09 j 12:28	0°♋	
morning set	-4381 Aug 13 j 15:59	7°♋12'20	
superior conj	-4381 Aug 26 j 00:22	28°♋14'20	1°11'49
minimum elong	-4381 Aug 26 j 06:15	28°♋38'36	1°11'23
	-4381 Aug 27 j 02:00	0°♌	
max. Earth dist.	-4381 Sep 01 j 00:08	7°♌59'53	1.43773 AU
desc. node	-4381 Sep 07 j 02:44	17°♌41'04	
evening rise	-4381 Sep 10 j 23:40	23°♌42'43	
	-4381 Sep 15 j 01:51	0°♍	
greatest brilliancy	-4381 Oct 03 j 10:13	26°♍46'25	-0.5m
	-4381 Oct 05 j 22:50	0°♎	
evening max el	-4381 Oct 09 j 09:48	3°♎55'35	20°41'25
retrograde	-4381 Oct 17 j 13:16	8°♎44'02	
evening set	-4381 Oct 21 j 08:38	7°♎20'53	
asc. node	-4381 Oct 22 j 08:13	6°♎32'21	
inferior conj	-4381 Oct 26 j 19:43	1°♎10'40	1°29'25
minimum elong	-4381 Oct 26 j 17:46	1°♎17'20	1°28'38
min. Earth dist.	-4381 Oct 27 j 09:56	0°♎22'27	0.66955 AU
	-4381 Oct 27 j 16:35	30°℞♍	
morning rise	-4381 Nov 01 j 02:27	24°♍53'25	
direct	-4381 Nov 06 j 11:54	22°♍34'26	
morning max el	-4381 Nov 17 j 15:26	29°♍13'03	24°20'43
	-4381 Nov 18 j 09:44	0°♎	
desc. node	-4381 Dec 04 j 02:42	20°♎04'27	
	-4381 Dec 10 j 18:30	0°♏	
morning set	-4381 Dec 23 j 10:11	20°♏41'27	
max. Earth dist.	-4381 Dec 27 j 06:49	27°♏31'14	1.38014 AU
	-4381 Dec 28 j 15:36	0°♐	
superior conj	-4380 Jan 03 j 05:22	10°♐26'59	-1°-49'-19
minimum elong	-4380 Jan 03 j 07:24	10°♐36'45	1°49'26
evening rise	-4380 Jan 11 j 22:22	27°♐33'29	
	-4380 Jan 13 j 04:09	0°♑	
asc. node	-4380 Jan 18 j 07:08	9°♑42'41	
evening max el	-4380 Jan 28 j 14:47	24°♑26'59	19°03'25
retrograde	-4380 Feb 06 j 04:42	28°♑33'27	
evening set	-4380 Feb 08 j 14:03	28°♑15'41	
inferior conj	-4380 Feb 16 j 14:35	24°♑00'39	3°13'54
minimum elong	-4380 Feb 16 j 19:17	23°♑52'25	3°12'43
min. Earth dist.	-4380 Feb 19 j 16:58	21°♑51'29	0.57174 AU
morning rise	-4380 Feb 24 j 20:46	19°♑00'15	
direct	-4380 Mar 01 j 02:07	17°♑56'02	
desc. node	-4380 Mar 01 j 01:59	17°♑56'02	
morning max el	-4380 Mar 15 j 07:08	25°♑14'55	25°29'25
	-4380 Mar 19 j 17:06	0°♒	
	-4380 Apr 07 j 12:29	0°♓	
morning set	-4380 Apr 11 j 10:12	7°♓58'03	
asc. node	-4380 Apr 15 j 06:43	16°♓12'42	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4380 Apr 18 j 11:12	23°♓09'08	0°32'36	
minimum elong	-4380 Apr 18 j 09:49	23°♓01'33	0°32'17	
max. Earth dist.	-4380 Apr 19 j 09:03	25°♓07'59	1.32878 AU	
	-4380 Apr 21 j 15:05	0°♈		
evening rise	-4380 Apr 25 j 16:00	8°♈29'54		
	-4380 May 07 j 02:09	0°♉		
evening max el	-4380 May 27 j 04:10	27°♉10'31	27°11'26	
desc. node	-4380 May 28 j 00:35	27°♉58'19		
	-4380 May 30 j 09:39	0°♊		
retrograde	-4380 Jun 10 j 02:25	4°♊33'29		
evening set	-4380 Jun 17 j 02:06	2°♊17'09		
	-4380 Jun 20 j 03:10	30°℞♉		
min. Earth dist.	-4380 Jun 20 j 17:31	29°♉29'13	0.61667 AU	
inferior conj	-4380 Jun 23 j 21:05	26°♉38'00	-4°-11'-40	
minimum elong	-4380 Jun 23 j 22:57	26°♉33'44	4°11'22	
morning rise	-4380 Jun 30 j 22:33	21°♉40'43		
direct	-4380 Jul 03 j 11:07	21°♉13'31		
morning max el	-4380 Jul 10 j 07:45	24°♉39'02	17°59'45	
asc. node	-4380 Jul 12 j 06:23	26°♉45'41		
	-4380 Jul 14 j 17:26	0°♊		
morning set	-4380 Jul 26 j 09:58	19°♊56'04		
	-4380 Jul 31 j 23:10	0°♋		
superior conj	-4380 Aug 06 j 02:13	9°♋03'19	1°36'52	
minimum elong	-4380 Aug 06 j 06:19	9°♋21'07	1°36'47	
max. Earth dist.	-4380 Aug 13 j 11:05	21°♋31'50	1.42332 AU	
	-4380 Aug 18 j 16:20	0°♌		
evening rise	-4380 Aug 20 j 07:10	2°♌34'11		
desc. node	-4380 Aug 23 j 23:41	8°♌20'26		
	-4380 Sep 07 j 13:32	0°♍		
greatest brilliancy	-4380 Sep 16 j 09:39	11°♍50'30	-0.4m	
evening max el	-4380 Sep 21 j 05:39	17°♍20'26	21°54'30	
retrograde	-4380 Sep 30 j 09:16	22°♍46'38		
evening set	-4380 Oct 04 j 16:43	21°♍05'11		
asc. node	-4380 Oct 08 j 05:22	17°♍17'37		
inferior conj	-4380 Oct 10 j 01:34	14°♍48'04	0°37'37	
minimum elong	-4380 Oct 10 j 00:42	14°♍51'03	0°37'20	
min. Earth dist.	-4380 Oct 10 j 05:09	14°♍35'42	0.67327 AU	
morning rise	-4380 Oct 15 j 08:29	8°♍30'50		
direct	-4380 Oct 20 j 02:40	6°♍33'06		
morning max el	-4380 Oct 30 j 01:48	12°♍29'53	22°54'21	
greatest brilliancy	-4380 Nov 03 j 22:08	17°♍56'56	-0.3m	
	-4380 Nov 13 j 00:25	0°♎		
desc. node	-4380 Nov 19 j 23:38	10°♎07'32		
	-4380 Dec 02 j 16:12	0°♏		
morning set	-4380 Dec 03 j 05:53	0°♏56'18		
max. Earth dist.	-4380 Dec 08 j 03:13	9°♏09'18	1.40074 AU	
superior conj	-4380 Dec 15 j 20:31	22°♏49'12	-1°-53'-58	
minimum elong	-4380 Dec 15 j 20:14	22°♏47'57	1°54'08	
	-4380 Dec 19 j 17:35	0°♐		
evening rise	-4380 Dec 25 j 13:15	11°♐02'23		
asc. node	-4379 Jan 04 j 04:11	28°♐24'37		
	-4379 Jan 05 j 04:36	0°♑		
evening max el	-4379 Jan 10 j 18:25	7°♑03'58	18°26'21	
retrograde	-4379 Jan 18 j 05:49	10°♑44'33		
evening set	-4379 Jan 20 j 17:39	10°♑21'15		
inferior conj	-4379 Jan 28 j 02:29	5°♑45'53	3°54'42	
minimum elong	-4379 Jan 28 j 04:42	5°♑41'22	3°54'17	
min. Earth dist.	-4379 Jan 31 j 11:34	3°♑02'09	0.59031 AU	
morning rise	-4379 Feb 04 j 12:21	0°♑20'50		
	-4379 Feb 05 j 04:43	30°℞♐		
direct	-4379 Feb 10 j 19:28	28°♐37'48		
desc. node	-4379 Feb 15 j 23:05	29°♐43'40		
	-4379 Feb 16 j 14:01	0°♑		
morning max el	-4379 Feb 25 j 01:29	6°♑11'45	26°45'47	
	-4379 Mar 14 j 17:54	0°♒		
morning set	-4379 Mar 26 j 20:52	22°♒56'17		
	-4379 Mar 30 j 04:39	0°♓		
asc. node	-4379 Apr 02 j 03:40	6°♓26'18		
superior conj	-4379 Apr 02 j 22:54	8°♓11'33	0°08'22	
minimum elong	-4379 Apr 02 j 22:32	8°♓09'33	0°08'11	
behind sun begin	-4379 Apr 02 j 18:14	7°♓46'01		
behind sun end	-4379 Apr 03 j 02:50	8°♓33'05		
max. Earth dist.	-4379 Apr 02 j 22:15	8°♓07'59	1.32597 AU	
evening rise	-4379 Apr 09 j 23:55	23°♓21'51		
	-4379 Apr 13 j 05:57	0°♈		
	-4379 May 01 j 07:23	0°♉		
evening max el	-4379 May 09 j 05:18	9°♉02'31	26°25'01	
desc. node	-4379 May 14 j 21:42	13°♉35'21		
retrograde	-4379 May 23 j 07:20	16°♉21'56		
evening set	-4379 May 29 j 15:31	14°♉40'10		
min. Earth dist.	-4379 Jun 02 j 18:23	11°♉58'48	0.59636 AU	
inferior conj	-4379 Jun 06 j 03:33	9°♉18'36	-4°-14'-50	
minimum elong	-4379 Jun 06 j 02:33	9°♉20'34	4°14'40	
morning rise	-4379 Jun 13 j 17:14	4°♉43'19		
direct	-4379 Jun 16 j 04:38	4°♉21'15		
morning max el	-4379 Jun 23 j 18:05	7°♉59'13	18°20'28	
asc. node	-4379 Jun 29 j 03:24	14°♉38'52		
	-4379 Jul 07 j 23:37	0°♊		
morning set	-4379 Jul 09 j 18:46	3°♊24'17		
superior conj	-4379 Jul 19 j 05:02	21°♊07'31	1°48'03	
minimum elong	-4379 Jul 19 j 06:20	21°♊13'30	1°48'14	
	-4379 Jul 24 j 03:51	0°♋		
max. Earth dist.	-4379 Jul 26 j 15:50	4°♋20'18	1.40514 AU	
evening rise	-4379 Jul 31 j 10:40	12°♋23'22		
desc. node	-4379 Aug 10 j 20:40	28°♋52'00		
	-4379 Aug 11 j 14:38	0°♌		
greatest brilliancy	-4379 Aug 29 j 00:16	24°♌11'33	-0.2m	
	-4379 Sep 03 j 02:09	0°♍		
evening max el	-4379 Sep 03 j 20:04	0°♍45'49	23°14'20	
retrograde	-4379 Sep 14 j 02:36	6°♍50'55		
evening set	-4379 Sep 18 j 23:59	4°♍49'48		
	-4379 Sep 23 j 05:43	30°℞♌		
inferior conj	-4379 Sep 24 j 08:11	28°♌29'30	0°-15'-38	
minimum elong	-4379 Sep 24 j 08:32	28°♌28'16	0°15'22	
transit middle	-4379 Sep 24 j 08:32	28°♌28'16	0°15'22	
transit begin	-4379 Sep 24 j 07:37	28°♌31'27		
transit end	-4379 Sep 24 j 09:28	28°♌25'05		
min. Earth dist.	-4379 Sep 24 j 01:36	28°♌52'07	0.67402 AU	
asc. node	-4379 Sep 25 j 02:30	27°♌26'45		
morning rise	-4379 Sep 29 j 17:07	22°♌15'22		
direct	-4379 Oct 03 j 21:15	20°♌38'44		
morning max el	-4379 Oct 12 j 16:48	25°♌51'59	21°31'18	
	-4379 Oct 16 j 09:19	0°♍		
greatest brilliancy	-4379 Oct 17 j 20:50	1°♍49'40	-0.4m	
desc. node	-4379 Nov 06 j 20:33	0°♎27'34		
	-4379 Nov 06 j 13:20	0°♎		
morning set	-4379 Nov 12 j 21:31	9°♎51'32		
max. Earth dist.	-4379 Nov 20 j 04:36	21°♎37'22	1.42025 AU	
	-4379 Nov 25 j 04:41	0°♏		
superior conj	-4379 Nov 27 j 14:16	4°♏07'00	-1°-46'-31	
minimum elong	-4379 Nov 27 j 10:30	3°♏50'42	1°46'27	
evening rise	-4379 Dec 08 j 15:49	23°♏52'16		
	-4379 Dec 12 j 00:43	0°♐		
asc. node	-4379 Dec 22 j 01:17	16°♐25'26		
evening max el	-4379 Dec 25 j 03:53	20°♐03'25	18°09'17	
retrograde	-4379 Dec 31 j 23:27	23°♐32'28		
evening set	-4378 Jan 03 j 13:54	23°♐02'25		
inferior conj	-4378 Jan 10 j 09:30	18°♐05'08	4°04'00	
minimum elong	-4378 Jan 10 j 08:57	18°♐06'23	4°03'48	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4378 Jan 13 j 12:28	15°♐10'30	0.61036 AU	
morning rise	-4378 Jan 17 j 01:27	12°♐22'46		
direct	-4378 Jan 23 j 23:38	10°♐03'53		
desc. node	-4378 Feb 02 j 20:10	14°♐04'03		
morning max el	-4378 Feb 07 j 01:46	17°♐44'54	27°31'28	
	-4378 Feb 17 j 08:27	0°♑		
	-4378 Mar 07 j 07:56	0°♒		
morning set	-4378 Mar 11 j 04:08	7°♒41'56		
max. Earth dist.	-4378 Mar 17 j 10:51	21°♒02'56	1.32659 AU	
superior conj	-4378 Mar 18 j 10:14	23°♒10'16	0°-16'-36	
minimum elong	-4378 Mar 18 j 10:59	23°♒14'21	0°16'36	
asc. node	-4378 Mar 20 j 00:38	26°♒39'48		
	-4378 Mar 21 j 13:23	0°♓		
evening rise	-4378 Mar 25 j 10:35	8°♓19'31		
	-4378 Apr 05 j 19:32	0°♈		
evening max el	-4378 Apr 21 j 00:31	20°♈14'33	25°10'54	
desc. node	-4378 May 01 j 18:51	26°♈58'32		
retrograde	-4378 May 05 j 02:00	27°♈24'01		
evening set	-4378 May 10 j 07:19	26°♈20'45		
min. Earth dist.	-4378 May 15 j 12:58	23°♈29'25	0.57674 AU	
inferior conj	-4378 May 18 j 15:12	21°♈22'30	-3°-48'-15	
minimum elong	-4378 May 18 j 10:49	21°♈30'04	3°47'31	
morning rise	-4378 May 26 j 18:27	17°♈07'42		
direct	-4378 May 29 j 05:21	16°♈49'37		
morning max el	-4378 Jun 06 j 21:48	20°♈53'41	19°01'19	
	-4378 Jun 14 j 00:55	0°♉		
asc. node	-4378 Jun 16 j 00:23	3°♉15'37		
morning set	-4378 Jun 23 j 14:14	17°♉26'13		
	-4378 Jun 29 j 23:19	0°♊		
superior conj	-4378 Jul 02 j 03:03	4°♊10'21	1°48'11	
minimum elong	-4378 Jul 02 j 02:07	4°♊05'51	1°48'20	
max. Earth dist.	-4378 Jul 08 j 17:20	16°♊28'16	1.38569 AU	
evening rise	-4378 Jul 12 j 16:32	23°♊29'27		
	-4378 Jul 16 j 12:25	0°♋		
desc. node	-4378 Jul 28 j 17:42	19°♋10'54		
	-4378 Aug 05 j 09:31	0°♌		
evening max el	-4378 Aug 17 j 07:28	14°♌14'22	24°34'34	
retrograde	-4378 Aug 28 j 16:13	20°♌53'26		
evening set	-4378 Sep 03 j 04:38	18°♌33'07		
min. Earth dist.	-4378 Sep 07 j 20:46	13°♌10'19	0.67174 AU	
inferior conj	-4378 Sep 08 j 13:50	12°♌13'09	-1°-8'-45	
minimum elong	-4378 Sep 08 j 15:25	12°♌07'48	1°07'57	
asc. node	-4378 Sep 11 j 23:37	7°♌59'12		
morning rise	-4378 Sep 14 j 02:29	6°♌05'30		
direct	-4378 Sep 17 j 18:31	4°♌48'01		
morning max el	-4378 Sep 25 j 14:41	9°♌22'20	20°17'54	
greatest brilliancy	-4378 Oct 02 j 10:05	17°♌40'04	-0.6m	
	-4378 Oct 10 j 23:46	0°♍		
morning set	-4378 Oct 22 j 20:39	18°♍05'24		
desc. node	-4378 Oct 24 j 17:28	20°♍59'32		
	-4378 Oct 30 j 11:04	0°♎		
max. Earth dist.	-4378 Nov 02 j 13:49	4°♎58'05	1.43588 AU	
superior conj	-4378 Nov 08 j 05:35	14°♎09'14	-1°-23'-32	
minimum elong	-4378 Nov 07 j 22:55	13°♎41'52	1°22'56	
	-4378 Nov 17 j 15:41	0°♏		
evening rise	-4378 Nov 21 j 01:55	5°♏55'01		
	-4378 Dec 05 j 20:30	0°♐		
evening max el	-4378 Dec 08 j 16:18	3°♐17'53	18°11'33	
asc. node	-4378 Dec 08 j 22:24	3°♐33'03		
retrograde	-4378 Dec 15 j 05:37	6°♐47'47		
evening set	-4378 Dec 17 j 23:18	6°♐09'48		
inferior conj	-4378 Dec 24 j 08:09	0°♐51'22	3°50'47	
minimum elong	-4378 Dec 24 j 05:47	0°♐57'40	3°50'18	
	-4378 Dec 25 j 03:27	30°℞♏		

min. Earth dist.	-4378 Dec 26 j 22:13	28°♏07'37	0.62911 AU	
morning rise	-4378 Dec 30 j 10:30	24°♏56'25		
direct	-4377 Jan 06 j 12:09	22°♏14'25		
	-4377 Jan 20 j 08:37	0°♐		
morning max el	-4377 Jan 20 j 07:38	29°♏57'33	27°41'14	
desc. node	-4377 Jan 20 j 17:13	0°♐21'22		
	-4377 Feb 11 j 06:57	0°♑		
morning set	-4377 Feb 23 j 05:46	22°♑07'15		
	-4377 Feb 27 j 01:37	0°♒		
max. Earth dist.	-4377 Feb 28 j 19:11	3°♒39'56	1.33088 AU	
superior conj	-4377 Mar 02 j 19:33	7°♒59'18	0°-41'-22	
minimum elong	-4377 Mar 02 j 21:22	8°♒09'05	0°41'12	
asc. node	-4377 Mar 06 j 21:38	16°♒49'09		
evening rise	-4377 Mar 09 j 22:15	23°♒16'15		
	-4377 Mar 13 j 04:46	0°♓		
	-4377 Apr 01 j 15:48	0°♈		
evening max el	-4377 Apr 02 j 16:39	1°♈01'20	23°39'58	
retrograde	-4377 Apr 16 j 08:01	7°♈48'08		
desc. node	-4377 Apr 18 j 16:00	7°♈36'00		
evening set	-4377 Apr 20 j 05:40	7°♈14'38		
min. Earth dist.	-4377 Apr 27 j 04:04	4°♈01'01	0.56114 AU	
inferior conj	-4377 Apr 29 j 06:50	2°♈44'30	-2°-43'-8	
minimum elong	-4377 Apr 29 j 01:04	2°♈53'14	2°41'37	
	-4377 May 04 j 06:25	30°℞♓		
morning rise	-4377 May 07 j 23:58	28°♓44'20		
direct	-4377 May 10 j 11:29	28°♓28'45		
	-4377 May 16 j 06:36	0°♈		
morning max el	-4377 May 20 j 16:16	3°♈13'16	20°02'33	
asc. node	-4377 Jun 02 j 21:23	22°♈25'36		
	-4377 Jun 06 j 18:39	0°♉		
morning set	-4377 Jun 07 j 17:15	1°♉53'42		
superior conj	-4377 Jun 15 j 15:02	17°♉57'21	1°40'02	
minimum elong	-4377 Jun 15 j 12:48	17°♉46'07	1°40'01	
max. Earth dist.	-4377 Jun 20 j 21:31	28°♉16'06	1.36739 AU	
	-4377 Jun 21 j 19:25	0°♊		
evening rise	-4377 Jun 24 j 22:11	5°♊46'43		
	-4377 Jul 09 j 09:18	0°♋		
desc. node	-4377 Jul 15 j 14:45	9°♋10'47		
evening max el	-4377 Jul 30 j 18:11	27°♋45'15	25°47'22	
	-4377 Aug 02 j 04:40	0°♌		
retrograde	-4377 Aug 12 j 01:15	4°♌49'12		
evening set	-4377 Aug 18 j 04:44	2°♌12'35		
	-4377 Aug 20 j 09:40	30°℞♋		
min. Earth dist.	-4377 Aug 22 j 12:08	27°♋27'33	0.66622 AU	
inferior conj	-4377 Aug 23 j 16:43	25°♋56'17	-2°00'-4	
minimum elong	-4377 Aug 23 j 19:24	25°♋47'40	1°58'54	
morning rise	-4377 Aug 29 j 10:42	19°♋58'28		
asc. node	-4377 Aug 29 j 20:45	19°♋43'45		
direct	-4377 Sep 01 j 16:45	18°♋57'18		
morning max el	-4377 Sep 08 j 19:40	23°♋00'50	19°17'54	
	-4377 Sep 14 j 12:22	0°♌		
greatest brilliancy	-4377 Sep 19 j 15:51	7°♌28'29	-0.7m	
morning set	-4377 Oct 02 j 02:03	26°♌43'40		
	-4377 Oct 04 j 04:12	0°♍		
desc. node	-4377 Oct 11 j 14:25	11°♍38'47		
max. Earth dist.	-4377 Oct 16 j 05:15	18°♍55'38	1.44554 AU	
superior conj	-4377 Oct 18 j 18:27	22°♍58'10	0°-44'-20	
minimum elong	-4377 Oct 18 j 13:07	22°♍36'57	0°43'38	
	-4377 Oct 23 j 04:06	0°♎		
evening rise	-4377 Nov 02 j 14:43	17°♎00'27		
	-4377 Nov 10 j 11:57	0°♏		
evening max el	-4377 Nov 22 j 04:48	16°♏40'10	18°32'19	
asc. node	-4377 Nov 25 j 19:33	19°♏32'11		
retrograde	-4377 Nov 28 j 20:05	20°♏21'25		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-4377 Dec 01 j 18:18	19°♏33'55	
inferior conj	-4377 Dec 07 j 18:40	13°♏56'46	3°22'17
minimum elong	-4377 Dec 07 j 15:31	14°♏05'59	3°21'26
min. Earth dist.	-4377 Dec 09 j 17:58	11°♏38'33	0.64490 AU
morning rise	-4377 Dec 13 j 11:30	7°♏52'04	
direct	-4377 Dec 20 j 07:32	5°♏02'10	
morning max el	-4376 Jan 02 j 16:46	12°♏41'51	27°16'22
desc. node	-4376 Jan 07 j 14:15	18°♏02'08	
	-4376 Jan 16 j 16:18	0°♐	
	-4376 Feb 03 j 19:07	0°♑	
morning set	-4376 Feb 06 j 22:54	6°♑02'25	
max. Earth dist.	-4376 Feb 11 j 19:18	15°♑46'38	1.33916 AU
superior conj	-4376 Feb 15 j 00:57	22°♑31'50	-1°-4'-56
minimum elong	-4376 Feb 15 j 03:37	22°♑45'56	1°04'41
	-4376 Feb 18 j 13:20	0°♒	
asc. node	-4376 Feb 21 j 18:41	6°♒49'46	
evening rise	-4376 Feb 22 j 09:06	8°♒05'15	
	-4376 Mar 05 j 03:17	0°♓	
evening max el	-4376 Mar 14 j 11:17	11°♓48'13	22°06'20
retrograde	-4376 Mar 27 j 02:23	17°♓55'46	
evening set	-4376 Mar 29 j 22:55	17°♓37'41	
desc. node	-4376 Apr 04 j 13:08	15°♓33'00	
inferior conj	-4376 Apr 08 j 06:44	13°♓31'00	-1°-1'-26
minimum elong	-4376 Apr 08 j 03:56	13°♓34'58	1°00'34
min. Earth dist.	-4376 Apr 07 j 18:04	13°♓48'53	0.55265 AU
morning rise	-4376 Apr 17 j 10:21	9°♓32'35	
direct	-4376 Apr 20 j 02:52	9°♓16'19	
morning max el	-4376 May 02 j 00:00	14°♓52'20	21°22'49
	-4376 May 13 j 08:02	0°♈	
asc. node	-4376 May 19 j 18:23	12°♈00'39	
morning set	-4376 May 22 j 01:20	16°♈40'02	
	-4376 May 28 j 10:35	0°♉	
superior conj	-4376 May 29 j 12:56	2°♉16'53	1°25'53
minimum elong	-4376 May 29 j 10:14	2°♉02'53	1°25'40
max. Earth dist.	-4376 Jun 02 j 09:30	10°♉09'17	1.35192 AU
evening rise	-4376 Jun 06 j 22:20	19°♉01'24	
	-4376 Jun 12 j 22:07	0°♊	
desc. node	-4376 Jul 01 j 11:49	28°♊43'33	
	-4376 Jul 02 j 11:05	0°♋	
evening max el	-4376 Jul 12 j 05:20	11°♋13'50	26°44'33
retrograde	-4376 Jul 25 j 05:27	18°♋32'39	
evening set	-4376 Jul 31 j 22:00	15°♋46'21	
min. Earth dist.	-4376 Aug 04 j 21:23	11°♋40'17	0.65713 AU
inferior conj	-4376 Aug 06 j 14:51	9°♋36'37	-2°-47'-37
minimum elong	-4376 Aug 06 j 18:21	9°♋26'13	2°46'22
morning rise	-4376 Aug 12 j 15:45	3°♋51'55	
direct	-4376 Aug 15 j 14:05	3°♋03'50	
asc. node	-4376 Aug 15 j 17:50	3°♋03'58	
morning max el	-4376 Aug 22 j 06:22	6°♋45'31	18°33'30
	-4376 Sep 07 j 06:11	0°♌	
morning set	-4376 Sep 11 j 07:04	6°♌32'29	
	-4376 Sep 25 j 23:18	0°♍	
superior conj	-4376 Sep 26 j 17:57	1°♍13'37	0°04'37
minimum elong	-4376 Sep 26 j 18:34	1°♍16'02	0°04'38
behind sun begin	-4376 Sep 26 j 07:36	0°♍32'44	
behind sun end	-4376 Sep 27 j 05:32	1°♍59'18	
desc. node	-4376 Sep 27 j 11:22	2°♍22'18	
max. Earth dist.	-4376 Sep 27 j 23:14	3°♍09'06	1.44809 AU
evening rise	-4376 Oct 13 j 02:43	27°♍01'47	
	-4376 Oct 14 j 23:46	0°♎	
evening max el	-4376 Nov 04 j 14:51	0°♏06'02	19°10'27
	-4376 Nov 04 j 12:32	0°♏	
retrograde	-4376 Nov 11 j 15:19	4°♏07'37	
asc. node	-4376 Nov 11 j 16:40	4°♏07'36	
evening set	-4376 Nov 14 j 19:55	3°♏08'29	
	-4376 Nov 18 j 07:44	30°℞♎	
inferior conj	-4376 Nov 20 j 13:46	27°♎15'49	2°43'31
minimum elong	-4376 Nov 20 j 10:41	27°♎25'35	2°42'29
min. Earth dist.	-4376 Nov 21 j 23:06	25°♎30'35	0.65717 AU
morning rise	-4376 Nov 26 j 00:33	21°♎03'57	
direct	-4376 Dec 02 j 09:11	18°♎19'09	
morning max el	-4376 Dec 15 j 02:35	25°♎45'51	26°22'38
	-4376 Dec 19 j 00:54	0°♏	
desc. node	-4376 Dec 24 j 11:17	6°♏41'58	
	-4375 Jan 09 j 04:39	0°♐	
morning set	-4375 Jan 20 j 03:41	19°♐15'43	
max. Earth dist.	-4375 Jan 24 j 08:11	27°♐18'23	1.35183 AU
	-4375 Jan 25 j 16:51	0°♑	
superior conj	-4375 Jan 29 j 00:07	6°♑40'44	-1°-25'-56
minimum elong	-4375 Jan 29 j 03:12	6°♑56'33	1°25'45
evening rise	-4375 Feb 05 j 17:19	22°♑40'21	
asc. node	-4375 Feb 07 j 15:43	26°♑36'39	
	-4375 Feb 09 j 08:38	0°♒	
evening max el	-4375 Feb 24 j 14:06	22°♒59'25	20°41'58
retrograde	-4375 Mar 07 j 16:18	28°♒16'00	
evening set	-4375 Mar 10 j 01:15	28°♒02'28	
inferior conj	-4375 Mar 19 j 02:25	24°♒04'37	0°54'44
minimum elong	-4375 Mar 19 j 04:50	24°♒01'06	0°53'48
min. Earth dist.	-4375 Mar 20 j 08:16	23°♒21'26	0.55330 AU
desc. node	-4375 Mar 22 j 10:17	22°♒11'37	
morning rise	-4375 Mar 28 j 06:47	19°♒49'25	
direct	-4375 Mar 31 j 15:13	19°♒24'58	
morning max el	-4375 Apr 13 j 21:46	25°♒52'48	22°57'16
	-4375 Apr 17 j 18:32	0°♓	
	-4375 May 05 j 17:35	0°♈	
morning set	-4375 May 06 j 12:23	1°♈37'39	
asc. node	-4375 May 06 j 15:22	1°♈53'12	
superior conj	-4375 May 13 j 17:30	16°♈58'09	1°07'27
minimum elong	-4375 May 13 j 14:59	16°♈44'43	1°07'05
max. Earth dist.	-4375 May 16 j 07:16	22°♈23'57	1.34007 AU
	-4375 May 20 j 00:09	0°♉	
evening rise	-4375 May 21 j 11:53	2°♉58'01	
	-4375 Jun 05 j 18:07	0°♊	
desc. node	-4375 Jun 18 j 08:54	17°♊36'49	
evening max el	-4375 Jun 24 j 16:22	24°♊30'13	27°18'38
	-4375 Jul 01 j 18:10	0°♋	
retrograde	-4375 Jul 08 j 04:20	1°♋54'56	
	-4375 Jul 14 j 01:37	30°℞♊	
evening set	-4375 Jul 15 j 05:36	29°♊09'35	
min. Earth dist.	-4375 Jul 18 j 22:30	25°♊40'21	0.64421 AU
inferior conj	-4375 Jul 21 j 05:54	23°♊09'16	-3°-28'-56
minimum elong	-4375 Jul 21 j 09:35	22°♊59'13	3°27'54
morning rise	-4375 Jul 27 j 15:11	17°♊40'40	
direct	-4375 Jul 30 j 08:04	17°♊02'38	
asc. node	-4375 Aug 02 j 14:54	17°♊58'18	
morning max el	-4375 Aug 05 j 20:24	20°♊31'10	18°06'01
	-4375 Aug 13 j 00:04	0°♋	
morning set	-4375 Aug 23 j 15:08	17°♋38'27	
	-4375 Aug 30 j 23:58	0°♌	
superior conj	-4375 Sep 06 j 02:41	9°♌59'42	0°50'39
minimum elong	-4375 Sep 06 j 08:00	10°♌21'11	0°50'11
max. Earth dist.	-4375 Sep 10 j 16:16	17°♌18'33	1.44340 AU
desc. node	-4375 Sep 14 j 08:18	23°♌06'30	
	-4375 Sep 18 j 17:58	0°♍	
evening rise	-4375 Sep 22 j 15:51	6°♍04'21	
	-4375 Oct 08 j 10:20	0°♎	
greatest brilliancy	-4375 Oct 11 j 17:06	4°♎40'46	-0.6m
evening max el	-4375 Oct 18 j 20:20	13°♎32'32	20°04'23

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-4375 Oct 26 j 12:25	18°♎02'09		
asc. node	-4375 Oct 29 j 13:47	17°♎07'51		
evening set	-4375 Oct 30 j 01:39	16°♎48'45		
inferior conj	-4375 Nov 04 j 14:45	10°♎44'03	1°57'52	
minimum elong	-4375 Nov 04 j 12:16	10°♎52'19	1°56'55	
min. Earth dist.	-4375 Nov 05 j 11:36	9°♎34'39	0.66591 AU	
morning rise	-4375 Nov 09 j 22:15	4°♎27'48		
direct	-4375 Nov 15 j 16:32	1°♎57'30		
morning max el	-4375 Nov 27 j 11:31	8°♎57'52	25°08'40	
desc. node	-4375 Dec 11 j 08:16	26°♎03'25		
	-4375 Dec 14 j 02:40	0°♏		
	-4374 Jan 01 j 18:17	0°♐		
morning set	-4374 Jan 02 j 15:02	1°♐32'23		
max. Earth dist.	-4374 Jan 06 j 09:46	8°♐26'19	1.36876 AU	
superior conj	-4374 Jan 12 j 14:08	20°♐17'42	-1°-42'-36	
minimum elong	-4374 Jan 12 j 16:52	20°♐31'10	1°42'36	
	-4374 Jan 17 j 10:34	0°♑		
evening rise	-4374 Jan 20 j 20:50	6°♑55'22		
asc. node	-4374 Jan 25 j 12:45	16°♑04'19		
	-4374 Feb 02 j 23:38	0°♒		
evening max el	-4374 Feb 07 j 03:34	4°♒46'46	19°33'59	
retrograde	-4374 Feb 16 j 13:38	9°♒14'48		
evening set	-4374 Feb 18 j 21:40	8°♒59'35		
inferior conj	-4374 Feb 27 j 07:55	4°♒54'30	2°33'12	
minimum elong	-4374 Feb 27 j 12:59	4°♒46'21	2°31'40	
min. Earth dist.	-4374 Mar 01 j 23:02	3°♒13'27	0.56295 AU	
morning rise	-4374 Mar 08 j 00:43	0°♒10'46		
	-4374 Mar 08 j 14:28	30°℞♑		
desc. node	-4374 Mar 09 j 07:25	29°♑48'38		
direct	-4374 Mar 12 j 12:48	29°♑24'53		
	-4374 Mar 16 j 10:33	0°♒		
morning max el	-4374 Mar 26 j 13:24	6°♒30'35	24°35'57	
	-4374 Apr 12 j 11:57	0°♓		
morning set	-4374 Apr 21 j 00:39	16°♓40'35		
asc. node	-4374 Apr 23 j 12:21	21°♓57'49		
	-4374 Apr 27 j 05:29	0°♈		
superior conj	-4374 Apr 28 j 02:21	1°♈53'05	0°45'58	
minimum elong	-4374 Apr 28 j 00:28	1°♈42'49	0°45'36	
max. Earth dist.	-4374 Apr 29 j 13:40	5°♈03'37	1.33195 AU	
evening rise	-4374 May 05 j 10:54	17°♈24'17		
	-4374 May 11 j 22:55	0°♉		
	-4374 May 31 j 08:47	0°♊		
desc. node	-4374 Jun 05 j 05:59	5°♊33'55		
evening max el	-4374 Jun 07 j 01:34	7°♊22'52	27°23'25	
retrograde	-4374 Jun 20 j 21:08	14°♊47'12		
evening set	-4374 Jun 28 j 00:00	12°♊16'30		
min. Earth dist.	-4374 Jul 01 j 14:09	9°♊16'43	0.62762 AU	
inferior conj	-4374 Jul 04 j 11:02	6°♊28'33	-4°00'-17	
minimum elong	-4374 Jul 04 j 13:56	6°♊21'26	3°59'42	
morning rise	-4374 Jul 11 j 06:10	1°♊18'52		
direct	-4374 Jul 13 j 19:44	0°♊48'17		
asc. node	-4374 Jul 20 j 11:57	4°♊14'22		
morning max el	-4374 Jul 20 j 11:08	4°♊12'20	17°56'32	
morning set	-4374 Aug 05 j 22:22	29°♊50'56		
	-4374 Aug 06 j 00:24	0°♋		
superior conj	-4374 Aug 17 j 12:25	20°♋00'27	1°24'17	
minimum elong	-4374 Aug 17 j 17:50	20°♋23'17	1°23'58	
	-4374 Aug 23 j 13:07	0°♌		
max. Earth dist.	-4374 Aug 24 j 05:52	1°♌08'04	1.43221 AU	
desc. node	-4374 Sep 01 j 05:12	13°♌48'32		
evening rise	-4374 Sep 01 j 19:30	14°♌44'13		
	-4374 Sep 11 j 19:48	0°♍		
greatest brilliancy	-4374 Sep 26 j 11:26	20°♍43'41	-0.5m	
evening max el	-4374 Oct 01 j 19:52	26°♍58'12	21°11'31	
	-4374 Oct 05 j 05:50	0°♎		
retrograde	-4374 Oct 10 j 09:11	2°♎02'12		
evening set	-4374 Oct 14 j 09:23	0°♎31'42		
	-4374 Oct 15 j 00:52	30°℞♍		
asc. node	-4374 Oct 16 j 10:55	28°♍35'15		
inferior conj	-4374 Oct 19 j 19:21	24°♍18'21	1°07'43	
minimum elong	-4374 Oct 19 j 17:50	24°♍23'34	1°07'08	
min. Earth dist.	-4374 Oct 20 j 05:02	23°♍45'10	0.67146 AU	
morning rise	-4374 Oct 25 j 01:54	18°♍00'42		
direct	-4374 Oct 30 j 04:53	15°♍50'16		
morning max el	-4374 Nov 09 j 20:20	22°♍11'50	23°44'04	
	-4374 Nov 16 j 15:21	0°♎		
desc. node	-4374 Nov 28 j 05:12	15°♎53'40		
	-4374 Dec 07 j 10:53	0°♏		
morning set	-4374 Dec 15 j 02:40	12°♏34'29		
max. Earth dist.	-4374 Dec 19 j 05:32	19°♏42'05	1.38878 AU	
	-4374 Dec 24 j 22:10	0°♐		
superior conj	-4374 Dec 26 j 15:01	3°♐10'44	-1°-52'-32	
minimum elong	-4374 Dec 26 j 16:15	3°♐16'31	1°52'43	
evening rise	-4373 Jan 04 j 17:07	20°♐42'40		
	-4373 Jan 09 j 13:44	0°♑		
asc. node	-4373 Jan 12 j 09:48	5°♑05'07		
evening max el	-4373 Jan 21 j 02:42	17°♑07'22	18°45'18	
retrograde	-4373 Jan 29 j 03:45	21°♑00'30		
evening set	-4373 Jan 31 j 14:19	20°♑40'26		
inferior conj	-4373 Feb 08 j 07:56	16°♑17'21	3°35'32	
minimum elong	-4373 Feb 08 j 11:45	16°♑10'13	3°34'43	
min. Earth dist.	-4373 Feb 11 j 15:13	13°♑50'53	0.57928 AU	
morning rise	-4373 Feb 16 j 05:32	11°♑05'53		
direct	-4373 Feb 21 j 23:08	9°♑45'26		
desc. node	-4373 Feb 24 j 04:33	9°♑57'33		
morning max el	-4373 Mar 08 j 04:57	17°♑11'33	26°04'51	
	-4373 Mar 18 j 18:06	0°♒		
	-4373 Apr 04 j 16:49	0°♓		
morning set	-4373 Apr 05 j 12:23	1°♓41'57		
asc. node	-4373 Apr 10 j 09:19	12°♓09'07		
superior conj	-4373 Apr 12 j 13:30	16°♓54'09	0°22'29	
minimum elong	-4373 Apr 12 j 12:31	16°♓48'49	0°22'12	
max. Earth dist.	-4373 Apr 13 j 01:31	17°♓59'49	1.32727 AU	
	-4373 Apr 18 j 15:29	0°♈		
evening rise	-4373 Apr 19 j 16:17	2°♈09'13		
	-4373 May 04 j 22:02	0°♉		
evening max el	-4373 May 20 j 06:27	19°♉39'41	26°55'31	
desc. node	-4373 May 23 j 03:06	22°♉11'04		
retrograde	-4373 Jun 03 j 06:34	27°♉00'41		
evening set	-4373 Jun 10 j 01:05	24°♉58'18		
min. Earth dist.	-4373 Jun 13 j 19:59	22°♉15'02	0.60819 AU	
inferior conj	-4373 Jun 17 j 02:52	19°♉26'11	-4°-16'-1	
minimum elong	-4373 Jun 17 j 03:40	19°♉24'26	4°15'51	
morning rise	-4373 Jun 24 j 09:19	14°♉37'49		
direct	-4373 Jun 26 j 21:19	14°♉12'51		
morning max el	-4373 Jul 03 j 23:51	17°♉42'15	18°06'04	
asc. node	-4373 Jul 07 j 08:59	21°♉36'20		
	-4373 Jul 12 j 19:41	0°♊		
morning set	-4373 Jul 19 j 23:18	12°♊55'37		
	-4373 Jul 29 j 06:52	0°♋		
superior conj	-4373 Jul 30 j 01:33	1°♋23'12	1°43'10	
minimum elong	-4373 Jul 30 j 04:28	1°♋36'08	1°43'13	
max. Earth dist.	-4373 Aug 06 j 14:32	14°♋24'06	1.41598 AU	
evening rise	-4373 Aug 12 j 10:03	23°♋56'27		
	-4373 Aug 16 j 05:45	0°♌		
desc. node	-4373 Aug 19 j 02:10	4°♌25'16		
	-4373 Sep 05 j 19:54	0°♍		
greatest brilliancy	-4373 Sep 09 j 19:41	5°♍04'26	-0.3m	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4373 Sep 14 j 13:22	10°♍23'43	22°28'02	
retrograde	-4373 Sep 24 j 04:03	16°♍05'57		
evening set	-4373 Sep 28 j 17:19	14°♍16'12		
asc. node	-4373 Oct 03 j 08:03	8°♍58'26		
inferior conj	-4373 Oct 04 j 01:43	7°♍57'33	0°15'06	
minimum elong	-4373 Oct 04 j 01:22	7°♍58'46	0°15'03	
transit middle	-4373 Oct 04 j 01:22	7°♍58'46	0°15'03	
transit begin	-4373 Oct 04 j 00:18	8°♍02'26		
transit end	-4373 Oct 04 j 02:26	7°♍55'07		
min. Earth dist.	-4373 Oct 04 j 00:59	8°♍00'06	0.67399 AU	
morning rise	-4373 Oct 09 j 09:17	1°♍41'27		
	-4373 Oct 12 j 16:48	30°℞♌		
direct	-4373 Oct 13 j 21:24	29°♌52'44		
	-4373 Oct 15 j 02:50	0°♍		
morning max el	-4373 Oct 23 j 08:13	5°♍30'05	22°18'13	
greatest brilliancy	-4373 Oct 28 j 01:42	10°♍50'59	-0.3m	
	-4373 Nov 11 j 00:22	0°♎		
desc. node	-4373 Nov 15 j 02:07	6°♎04'43		
morning set	-4373 Nov 25 j 09:56	22°♎12'49		
	-4373 Nov 30 j 03:41	0°♏		
max. Earth dist.	-4373 Dec 01 j 03:52	1°♏41'26	1.40938 AU	
superior conj	-4373 Dec 08 j 21:46	15°♏07'05	-1°-52'-31	
minimum elong	-4373 Dec 08 j 20:06	14°♏59'40	1°52'38	
	-4373 Dec 17 j 00:48	0°♐		
evening rise	-4373 Dec 19 j 03:11	3°♐55'34		
asc. node	-4373 Dec 30 j 06:53	23°♐30'27		
	-4372 Jan 04 j 11:29	0°♑		
evening max el	-4372 Jan 04 j 09:08	29°♐54'16	18°16'41	
retrograde	-4372 Jan 11 j 12:23	3°♑28'16		
evening set	-4372 Jan 14 j 01:26	3°♑02'05		
	-4372 Jan 19 j 03:12	30°℞♐		
inferior conj	-4372 Jan 21 j 04:15	28°♐17'04	4°01'56	
minimum elong	-4372 Jan 21 j 05:14	28°♐14'56	4°01'41	
min. Earth dist.	-4372 Jan 24 j 11:46	25°♐26'07	0.59887 AU	
morning rise	-4372 Jan 28 j 06:04	22°♐44'04		
direct	-4372 Feb 03 j 21:02	20°♐45'05		
desc. node	-4372 Feb 11 j 01:39	22°♐53'27		
morning max el	-4372 Feb 18 j 01:37	28°♐21'45	27°09'29	
	-4372 Feb 19 j 16:27	0°♑		
	-4372 Mar 11 j 09:20	0°♒		
morning set	-4372 Mar 19 j 21:51	16°♒35'24		
	-4372 Mar 26 j 04:10	0°♓		
max. Earth dist.	-4372 Mar 26 j 15:09	1°♓00'03	1.32588 AU	
superior conj	-4372 Mar 27 j 01:14	1°♓55'13	0°-2'-12	
minimum elong	-4372 Mar 27 j 01:20	1°♓55'46	0°02'19	
behind sun begin	-4372 Mar 26 j 20:22	1°♓28'36		
behind sun end	-4372 Mar 27 j 06:18	2°♓22'56		
asc. node	-4372 Mar 27 j 06:19	2°♓22'59		
evening rise	-4372 Apr 03 j 01:37	17°♓04'16		
	-4372 Apr 09 j 13:10	0°♈		
	-4372 Apr 29 j 23:13	0°♉		
evening max el	-4372 May 01 j 05:01	1°♉13'42	25°56'16	
desc. node	-4372 May 09 j 00:16	6°♉55'58		
retrograde	-4372 May 15 j 07:05	8°♉29'19		
evening set	-4372 May 21 j 05:17	7°♉04'02		
min. Earth dist.	-4372 May 25 j 17:31	4°♉20'31	0.58781 AU	
inferior conj	-4372 May 29 j 01:41	1°♉52'00	-4°-7'-47	
minimum elong	-4372 May 28 j 23:12	1°♉56'38	4°07'29	
	-4372 May 31 j 16:11	30°℞♈		
morning rise	-4372 Jun 05 j 21:00	27°♈25'52		
direct	-4372 Jun 08 j 08:20	27°♈05'29		
	-4372 Jun 15 j 08:08	0°♉		
morning max el	-4372 Jun 16 j 07:42	0°♉52'20	18°35'22	
asc. node	-4372 Jun 23 j 06:00	9°♉49'14		
morning set	-4372 Jul 02 j 13:06	26°♉39'25		
	-4372 Jul 04 j 06:35	0°♊		
superior conj	-4372 Jul 11 j 13:17	13°♊54'28	1°49'18	
minimum elong	-4372 Jul 11 j 13:32	13°♊55'38	1°49'29	
max. Earth dist.	-4372 Jul 18 j 17:55	26°♊56'11	1.39689 AU	
	-4372 Jul 20 j 12:13	0°♋		
evening rise	-4372 Jul 23 j 00:41	4°♋17'33		
desc. node	-4372 Aug 04 j 23:10	24°♋52'08		
	-4372 Aug 08 j 10:29	0°♌		
evening max el	-4372 Aug 27 j 02:08	23°♌49'53	23°48'46	
	-4372 Sep 05 j 07:04	0°♍		
retrograde	-4372 Sep 06 j 19:53	0°♍10'06		
	-4372 Sep 08 j 07:23	30°℞♌		
evening set	-4372 Sep 11 j 23:42	28°♌00'21		
inferior conj	-4372 Sep 17 j 08:07	21°♌39'46	0°-38'-17	
minimum elong	-4372 Sep 17 j 09:01	21°♌36'44	0°37'47	
min. Earth dist.	-4372 Sep 16 j 21:05	22°♌17'24	0.67348 AU	
asc. node	-4372 Sep 19 j 05:10	19°♌09'56		
morning rise	-4372 Sep 22 j 18:28	15°♌28'16		
direct	-4372 Sep 26 j 17:11	14°♌00'16		
morning max el	-4372 Oct 05 j 02:07	18°♌55'50	20°58'39	
greatest brilliancy	-4372 Oct 10 j 19:32	25°♌39'58	-0.5m	
	-4372 Oct 14 j 01:08	0°♍		
desc. node	-4372 Oct 31 j 23:03	26°♍30'10		
	-4372 Nov 03 j 05:09	0°♎		
morning set	-4372 Nov 03 j 16:13	0°♎43'07		
max. Earth dist.	-4372 Nov 12 j 08:58	14°♎34'08	1.42753 AU	
superior conj	-4372 Nov 19 j 04:40	25°♎52'46	-1°-38'-49	
minimum elong	-4372 Nov 18 j 23:24	25°♎30'31	1°38'31	
	-4372 Nov 21 j 14:43	0°♏		
evening rise	-4372 Nov 30 j 23:18	16°♏26'14		
	-4372 Dec 08 j 16:10	0°♐		
asc. node	-4372 Dec 16 j 03:58	11°♐09'46		
evening max el	-4372 Dec 17 j 20:05	12°♐59'58	18°07'55	
retrograde	-4372 Dec 24 j 12:03	16°♐28'24		
evening set	-4372 Dec 27 j 03:41	15°♐55'11		
inferior conj	-4371 Jan 02 j 18:23	10°♐48'28	4°00'42	
minimum elong	-4371 Jan 02 j 16:55	10°♐52'04	4°00'24	
min. Earth dist.	-4371 Jan 05 j 16:14	7°♐56'12	0.61853 AU	
morning rise	-4371 Jan 09 j 03:57	5°♐00'02		
direct	-4371 Jan 16 j 04:41	2°♐29'43		
desc. node	-4371 Jan 27 j 22:45	8°♐07'41		
morning max el	-4371 Jan 30 j 04:44	10°♐12'35	27°40'16	
	-4371 Feb 14 j 16:19	0°♑		
	-4371 Mar 03 j 12:34	0°♒		
morning set	-4371 Mar 04 j 03:05	1°♒13'49		
max. Earth dist.	-4371 Mar 10 j 02:33	13°♒49'39	1.32788 AU	
superior conj	-4371 Mar 11 j 11:57	16°♒50'35	0°-27'-11	
minimum elong	-4371 Mar 11 j 13:10	16°♒57'11	0°27'06	
asc. node	-4371 Mar 14 j 03:18	22°♒35'13		
	-4371 Mar 17 j 13:50	0°♓		
evening rise	-4371 Mar 18 j 12:57	2°♓02'22		
	-4371 Apr 02 j 22:35	0°♈		
evening max el	-4371 Apr 12 j 22:11	12°♈12'08	24°33'29	
desc. node	-4371 Apr 25 j 21:26	19°♈12'31		
retrograde	-4371 Apr 26 j 20:54	19°♈14'44		
evening set	-4371 May 01 j 12:52	18°♈25'29		
min. Earth dist.	-4371 May 07 j 10:12	15°♈26'07	0.56939 AU	
inferior conj	-4371 May 10 j 04:49	13°♈38'39	-3°-25'-41	
minimum elong	-4371 May 09 j 23:24	13°♈47'26	3°24'32	
morning rise	-4371 May 18 j 14:07	9°♈31'36		
direct	-4371 May 21 j 00:57	9°♈14'55		
morning max el	-4371 May 30 j 07:56	13°♈34'06	19°24'55	
asc. node	-4371 Jun 10 j 03:01	28°♈41'36		
	-4371 Jun 10 j 20:22	0°♉		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4371 Jun 16 j 12:09	10°♉53'33	
superior conj	-4371 Jun 24 j 17:55	27°♉18'37	1°45'35
minimum elong	-4371 Jun 24 j 16:19	27°♉10'46	1°45'41
	-4371 Jun 26 j 03:06	0°♊	
max. Earth dist.	-4371 Jun 30 j 19:34	8°♊51'47	1.37764 AU
evening rise	-4371 Jul 04 j 17:18	15°♊55'46	
	-4371 Jul 13 j 00:40	0°♋	
desc. node	-4371 Jul 22 j 20:12	15°♋03'54	
	-4371 Aug 02 j 23:00	0°♌	
evening max el	-4371 Aug 09 j 12:48	7°♌18'58	25°06'46
retrograde	-4371 Aug 21 j 07:47	14°♌10'35	
evening set	-4371 Aug 27 j 02:43	11°♌42'34	
min. Earth dist.	-4371 Aug 31 j 14:57	6°♌35'33	0.66984 AU
inferior conj	-4371 Sep 01 j 12:50	5°♌23'29	-1°-30'-50
minimum elong	-4371 Sep 01 j 14:56	5°♌16'36	1°29'52
asc. node	-4371 Sep 06 j 02:17	0°♌08'17	
	-4371 Sep 06 j 06:12	30°℞♋	
morning rise	-4371 Sep 07 j 03:36	29°♋19'39	
direct	-4371 Sep 10 j 14:59	28°♋09'44	
	-4371 Sep 15 j 07:27	0°♌	
morning max el	-4371 Sep 18 j 03:12	2°♌30'10	19°50'29
greatest brilliancy	-4371 Sep 26 j 00:48	12°♌25'28	-0.6m
	-4371 Oct 07 j 19:24	0°♍	
morning set	-4371 Oct 13 j 15:03	8°♍58'58	
desc. node	-4371 Oct 18 j 19:58	17°♍05'28	
max. Earth dist.	-4371 Oct 25 j 20:42	28°♍10'48	1.44079 AU
	-4371 Oct 27 j 00:05	0°♎	
superior conj	-4371 Oct 30 j 08:03	5°♎21'08	-1°-8'-40
minimum elong	-4371 Oct 30 j 01:15	4°♎53'40	1°07'57
evening rise	-4371 Nov 13 j 00:54	28°♎05'26	
	-4371 Nov 14 j 03:53	0°♏	
evening max el	-4371 Dec 01 j 08:48	26°♏17'48	18°18'13
asc. node	-4371 Dec 03 j 01:06	27°♏49'44	
retrograde	-4371 Dec 07 j 22:12	29°♏51'38	
evening set	-4371 Dec 10 j 17:30	29°♏09'59	
inferior conj	-4371 Dec 16 j 22:30	23°♏43'27	3°40'15
minimum elong	-4371 Dec 16 j 19:41	23°♏51'16	3°39'35
min. Earth dist.	-4371 Dec 19 j 06:26	21°♏08'48	0.63618 AU
morning rise	-4371 Dec 22 j 20:17	17°♏43'47	
direct	-4371 Dec 29 j 20:25	14°♏56'18	
morning max el	-4370 Jan 12 j 12:22	22°♏39'56	27°34'41
desc. node	-4370 Jan 14 j 19:48	25°♏03'42	
	-4370 Jan 19 j 01:36	0°♐	
	-4370 Feb 07 j 20:26	0°♑	
morning set	-4370 Feb 16 j 01:29	15°♑27'22	
max. Earth dist.	-4370 Feb 21 j 07:38	26°♑13'45	1.33376 AU
	-4370 Feb 23 j 02:22	0°♒	
superior conj	-4370 Feb 23 j 19:49	1°♒33'04	0°-51'-36
minimum elong	-4370 Feb 23 j 22:02	1°♒44'55	0°51'22
asc. node	-4370 Mar 01 j 00:18	12°♒41'04	
evening rise	-4370 Mar 03 j 00:26	16°♒55'55	
	-4370 Mar 09 j 13:41	0°♓	
evening max el	-4370 Mar 25 j 14:33	22°♓55'19	22°59'51
retrograde	-4370 Apr 07 j 21:59	29°♓27'57	
evening set	-4370 Apr 11 j 07:12	29°♓02'55	
desc. node	-4370 Apr 12 j 18:36	28°♓37'15	
min. Earth dist.	-4370 Apr 19 j 00:56	25°♓36'00	0.55641 AU
inferior conj	-4370 Apr 20 j 12:49	24°♓43'48	-2°-3'-46
minimum elong	-4370 Apr 20 j 07:46	24°♓51'11	2°02'16
morning rise	-4370 Apr 29 j 11:08	20°♓46'13	
direct	-4370 May 01 j 23:35	20°♓31'02	
morning max el	-4370 May 12 j 22:02	25°♓37'11	20°34'30
	-4370 May 16 j 22:11	0°♈	
asc. node	-4370 May 28 j 00:02	18°♈02'57	
morning set	-4370 May 31 j 17:36	25°♈29'31	
	-4370 Jun 02 j 22:16	0°♉	
superior conj	-4370 Jun 08 j 10:34	11°♉20'41	1°34'40
minimum elong	-4370 Jun 08 j 08:02	11°♉07'49	1°34'33
max. Earth dist.	-4370 Jun 13 j 02:11	20°♉37'11	1.36041 AU
evening rise	-4370 Jun 17 j 07:30	28°♉39'28	
	-4370 Jun 18 j 00:55	0°♊	
	-4370 Jul 06 j 06:33	0°♋	
desc. node	-4370 Jul 09 j 17:16	4°♋53'21	
evening max el	-4370 Jul 22 j 23:41	20°♋49'52	26°14'02
retrograde	-4370 Aug 04 j 15:01	28°♋01'48	
evening set	-4370 Aug 11 j 00:14	25°♋20'12	
min. Earth dist.	-4370 Aug 15 j 04:09	20°♋51'27	0.66281 AU
inferior conj	-4370 Aug 16 j 14:00	19°♋06'05	-2°-20'-50
minimum elong	-4370 Aug 16 j 17:05	18°♋56'28	2°19'35
morning rise	-4370 Aug 22 j 10:44	13°♋13'12	
asc. node	-4370 Aug 23 j 23:24	12°♋32'12	
direct	-4370 Aug 25 j 13:09	12°♋18'01	
morning max el	-4370 Sep 01 j 10:50	16°♋11'34	18°56'52
	-4370 Sep 11 j 17:20	0°♌	
morning set	-4370 Sep 23 j 05:14	18°♌03'56	
	-4370 Sep 30 j 18:24	0°♍	
desc. node	-4370 Oct 05 j 16:53	7°♍46'50	
max. Earth dist.	-4370 Oct 08 j 13:12	12°♍15'59	1.44753 AU
superior conj	-4370 Oct 09 j 12:54	13°♍49'27	0°-24'-4
minimum elong	-4370 Oct 09 j 09:47	13°♍37'08	0°23'37
	-4370 Oct 19 j 17:17	0°♎	
evening rise	-4370 Oct 25 j 03:23	8°♎43'52	
	-4370 Nov 07 j 11:11	0°♏	
evening max el	-4370 Nov 14 j 20:37	9°♏42'36	18°46'34
asc. node	-4370 Nov 19 j 22:13	13°♏15'16	
retrograde	-4370 Nov 21 j 14:58	13°♏31'15	
evening set	-4370 Nov 24 j 15:38	12°♏39'09	
inferior conj	-4370 Nov 30 j 13:02	6°♏55'19	3°06'51
minimum elong	-4370 Nov 30 j 09:50	7°♏05'02	3°05'53
min. Earth dist.	-4370 Dec 02 j 06:21	4°♏50'19	0.65059 AU
morning rise	-4370 Dec 06 j 02:55	0°♏47'22	
	-4370 Dec 07 j 02:47	30°℞♎	
direct	-4370 Dec 12 j 18:49	27°♎57'54	
	-4370 Dec 19 j 02:04	0°♏	
morning max el	-4370 Dec 25 j 21:52	5°♏33'33	26°56'30
desc. node	-4369 Jan 01 j 16:49	13°♏12'10	
	-4369 Jan 13 j 17:29	0°♐	
morning set	-4369 Jan 30 j 13:51	29°♐06'01	
	-4369 Jan 31 j 01:03	0°♑	
max. Earth dist.	-4369 Feb 04 j 02:55	8°♑03'53	1.34397 AU
superior conj	-4369 Feb 07 j 22:51	15°♑56'28	-1°-14'-15
minimum elong	-4369 Feb 08 j 01:46	16°♑11'41	1°14'01
	-4369 Feb 14 j 15:16	0°♒	
evening rise	-4369 Feb 15 j 10:21	1°♒39'24	
asc. node	-4369 Feb 15 j 21:19	2°♒36'13	
	-4369 Mar 03 j 23:08	0°♓	
evening max el	-4369 Mar 07 j 12:16	3°♓50'17	21°28'52
retrograde	-4369 Mar 19 j 12:39	9°♓36'04	
evening set	-4369 Mar 22 j 02:34	9°♓21'00	
desc. node	-4369 Mar 30 j 15:45	5°♓45'04	
inferior conj	-4369 Mar 31 j 09:06	5°♓20'41	0°-11'-59
minimum elong	-4369 Mar 31 j 08:32	5°♓21'28	0°11'54
transit middle	-4369 Mar 31 j 08:32	5°♓21'28	0°11'54
transit begin	-4369 Mar 31 j 05:50	5°♓25'17	
transit end	-4369 Mar 31 j 11:14	5°♓17'40	
min. Earth dist.	-4369 Mar 31 j 15:01	5°♓12'20	0.55178 AU
morning rise	-4369 Apr 09 j 14:29	1°♓17'02	
direct	-4369 Apr 12 j 12:25	0°♓58'20	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-4369 Apr 25 j 01:02	6°♓57'34	22°01'40
	-4369 May 10 j 22:48	0°♈	
asc. node	-4369 May 14 j 21:01	7°♈45'39	
morning set	-4369 May 16 j 03:08	10°♈20'46	
superior conj	-4369 May 23 j 11:35	25°♈49'42	1°18'31
minimum elong	-4369 May 23 j 08:53	25°♈35'35	1°18'13
	-4369 May 25 j 11:38	0°♉	
max. Earth dist.	-4369 May 26 j 18:24	2°♉38'15	1.34647 AU
evening rise	-4369 May 31 j 13:53	12°♉13'18	
	-4369 Jun 10 j 09:20	0°♊	
desc. node	-4369 Jun 26 j 14:20	24°♊10'43	
	-4369 Jul 01 j 09:59	0°♋	
evening max el	-4369 Jul 05 j 11:09	4°♋15'13	27°02'21
retrograde	-4369 Jul 18 j 16:52	11°♋36'47	
evening set	-4369 Jul 25 j 13:45	8°♋49'46	
min. Earth dist.	-4369 Jul 29 j 10:15	4°♋59'37	0.65213 AU
inferior conj	-4369 Jul 31 j 09:27	2°♋43'47	-3°-6'-7
minimum elong	-4369 Jul 31 j 13:06	2°♋33'14	3°04'54
	-4369 Aug 02 j 20:54	30°℞♊	
morning rise	-4369 Aug 06 j 13:42	27°♊05'15	
direct	-4369 Aug 09 j 09:30	26°♊21'40	
asc. node	-4369 Aug 10 j 20:29	26°♊33'11	
morning max el	-4369 Aug 15 j 23:10	29°♊56'37	18°19'35
	-4369 Aug 16 j 00:30	0°♋	
morning set	-4369 Sep 03 j 22:01	28°♋26'36	
	-4369 Sep 04 j 20:42	0°♌	
superior conj	-4369 Sep 18 j 13:31	22°♌09'48	0°25'13
minimum elong	-4369 Sep 18 j 16:39	22°♌22'14	0°24'57
max. Earth dist.	-4369 Sep 21 j 07:27	26°♌30'58	1.44703 AU
desc. node	-4369 Sep 22 j 13:47	28°♌30'40	
	-4369 Sep 23 j 12:28	0°♍	
evening rise	-4369 Oct 05 j 04:49	18°♍17'57	
	-4369 Oct 12 j 17:04	0°♎	
greatest brilliancy	-4369 Oct 20 j 08:30	11°♎37'11	-0.7m
evening max el	-4369 Oct 29 j 05:01	23°♎09'09	19°31'37
retrograde	-4369 Nov 05 j 11:11	27°♎21'18	
asc. node	-4369 Nov 06 j 19:21	27°♎10'54	
evening set	-4369 Nov 08 j 19:17	26°♎16'16	
inferior conj	-4369 Nov 14 j 10:54	20°♎18'09	2°24'46
minimum elong	-4369 Nov 14 j 08:01	20°♎27'30	2°23'45
min. Earth dist.	-4369 Nov 15 j 14:42	18°♎48'13	0.66138 AU
morning rise	-4369 Nov 19 j 20:01	14°♎04'22	
direct	-4369 Nov 25 j 22:52	11°♎24'55	
morning max el	-4369 Dec 08 j 07:10	18°♎41'08	25°53'01
	-4369 Dec 17 j 22:28	0°♏	
desc. node	-4369 Dec 19 j 13:47	2°♏10'59	
	-4368 Jan 06 j 18:03	0°♐	
morning set	-4368 Jan 13 j 11:48	11°♐56'11	
max. Earth dist.	-4368 Jan 17 j 10:43	19°♐22'31	1.35863 AU
superior conj	-4368 Jan 22 j 18:29	29°♐52'24	-1°-33'-40
minimum elong	-4368 Jan 22 j 21:33	0°♑07'48	1°33'34
	-4368 Jan 22 j 20:00	0°♑	
evening rise	-4368 Jan 30 j 16:48	16°♑06'16	
asc. node	-4368 Feb 02 j 18:21	22°♑15'18	
	-4368 Feb 06 j 21:04	0°♒	
evening max el	-4368 Feb 17 j 19:28	15°♒15'26	20°10'43
retrograde	-4368 Feb 28 j 03:55	20°♒10'02	
evening set	-4368 Mar 01 j 11:54	19°♒56'10	
inferior conj	-4368 Mar 10 j 07:15	15°♒56'48	1°40'20
minimum elong	-4368 Mar 10 j 11:18	15°♒50'42	1°38'53
min. Earth dist.	-4368 Mar 12 j 05:00	14°♒48'21	0.55644 AU
desc. node	-4368 Mar 16 j 12:53	12°♒31'05	
morning rise	-4368 Mar 19 j 08:08	11°♒30'36	
direct	-4368 Mar 23 j 03:29	10°♒58'52	
morning max el	-4368 Apr 05 j 19:18	17°♒44'12	23°39'37
	-4368 Apr 15 j 18:01	0°♓	
morning set	-4368 Apr 29 j 14:55	25°♓21'12	
asc. node	-4368 Apr 30 j 17:59	27°♓43'43	
	-4368 May 01 j 19:37	0°♈	
superior conj	-4368 May 06 j 18:12	10°♈37'11	0°58'39
minimum elong	-4368 May 06 j 15:54	10°♈24'50	0°58'16
max. Earth dist.	-4368 May 08 j 20:22	15°♈04'48	1.33616 AU
evening rise	-4368 May 14 j 07:52	26°♈23'30	
	-4368 May 16 j 03:42	0°♉	
	-4368 Jun 02 j 18:10	0°♊	
desc. node	-4368 Jun 12 j 11:26	12°♊42'35	
evening max el	-4368 Jun 16 j 21:48	17°♊23'24	27°24'34
retrograde	-4368 Jun 30 j 13:02	24°♊47'47	
evening set	-4368 Jul 07 j 16:13	22°♊06'53	
min. Earth dist.	-4368 Jul 11 j 07:20	18°♊51'37	0.63759 AU
inferior conj	-4368 Jul 13 j 20:40	16°♊11'49	-3°-43'-45
minimum elong	-4368 Jul 14 j 00:10	16°♊02'41	3°42'53
morning rise	-4368 Jul 20 j 09:57	10°♊50'58	
direct	-4368 Jul 23 j 01:19	10°♊16'13	
asc. node	-4368 Jul 27 j 17:32	12°♊04'21	
morning max el	-4368 Jul 29 j 13:51	13°♊41'23	17°59'49
	-4368 Aug 09 j 20:26	0°♋	
morning set	-4368 Aug 15 j 16:43	10°♋03'29	
	-4368 Aug 27 j 11:13	0°♌	
superior conj	-4368 Aug 28 j 07:56	1°♌25'13	1°06'43
minimum elong	-4368 Aug 28 j 13:48	1°♌49'18	1°06'15
max. Earth dist.	-4368 Sep 03 j 00:03	10°♌36'49	1.43943 AU
desc. node	-4368 Sep 08 j 10:43	19°♌14'27	
evening rise	-4368 Sep 13 j 11:49	27°♌05'48	
	-4368 Sep 15 j 09:01	0°♍	
greatest brilliancy	-4368 Oct 05 j 02:01	29°♍02'36	-0.5m
	-4368 Oct 05 j 19:19	0°♎	
evening max el	-4368 Oct 11 j 08:05	6°♎35'23	20°31'22
retrograde	-4368 Oct 19 j 08:26	11°♎18'49	
evening set	-4368 Oct 23 j 02:08	9°♎58'15	
asc. node	-4368 Oct 23 j 16:28	9°♎30'23	
inferior conj	-4368 Oct 28 j 13:42	3°♎49'12	1°36'58
minimum elong	-4368 Oct 28 j 11:35	3°♎56'19	1°36'10
min. Earth dist.	-4368 Oct 29 j 05:33	2°♎55'35	0.66873 AU
	-4368 Oct 31 j 12:02	30°℞♍	
morning rise	-4368 Nov 02 j 20:33	27°♍32'05	
direct	-4368 Nov 08 j 08:16	25°♍10'08	
	-4368 Nov 17 j 16:00	0°♎	
morning max el	-4368 Nov 19 j 16:00	1°♎54'46	24°33'20
desc. node	-4368 Dec 05 j 10:44	21°♎45'33	
	-4368 Dec 11 j 00:49	0°♏	
morning set	-4368 Dec 25 j 13:48	23°♏42'34	
	-4368 Dec 29 j 02:34	0°♐	
max. Earth dist.	-4368 Dec 29 j 09:20	0°♐30'45	1.37711 AU
superior conj	-4367 Jan 05 j 03:25	13°♐11'31	-1°-47'-49
minimum elong	-4367 Jan 05 j 05:41	13°♐22'27	1°47'55
evening rise	-4367 Jan 13 j 17:34	0°♑10'09	
	-4367 Jan 13 j 15:31	0°♑	
asc. node	-4367 Jan 19 j 15:24	11°♑32'15	
evening max el	-4367 Jan 30 j 13:07	27°♑16'33	19°10'43
	-4367 Feb 03 j 02:46	0°♒	
retrograde	-4367 Feb 08 j 08:04	1°♒28'19	
evening set	-4367 Feb 10 j 16:57	1°♒11'20	
	-4367 Feb 13 j 21:55	30°℞♑	
inferior conj	-4367 Feb 18 j 19:59	26°♑59'05	3°04'26
minimum elong	-4367 Feb 19 j 00:53	26°♑50'41	3°03'09
min. Earth dist.	-4367 Feb 21 j 19:59	24°♑56'42	0.56924 AU
morning rise	-4367 Feb 27 j 05:04	22°♑02'46	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4367 Mar 03 j 10:01	21°♉05'22	
direct	-4367 Mar 04 j 05:54	21°♉03'45	
morning max el	-4367 Mar 18 j 10:18	28°♉19'55	25°16'07
	-4367 Mar 20 j 02:07	0°♒	
	-4367 Apr 08 j 23:33	0°♓	
morning set	-4367 Apr 14 j 03:08	10°♓24'03	
asc. node	-4367 Apr 17 j 14:56	17°♓51'31	
superior conj	-4367 Apr 21 j 04:13	25°♓35'10	0°36'12
minimum elong	-4367 Apr 21 j 02:41	25°♓26'50	0°35'51
max. Earth dist.	-4367 Apr 22 j 05:31	27°♓52'33	1.32945 AU
	-4367 Apr 23 j 05:05	0°♈	
evening rise	-4367 Apr 28 j 09:52	10°♈58'13	
	-4367 May 08 j 10:11	0°♉	
evening max el	-4367 May 30 j 05:12	0°♊00'51	27°15'36
desc. node	-4367 May 30 j 08:35	0°♊08'53	
	-4367 May 30 j 04:51	0°♊	
retrograde	-4367 Jun 13 j 02:53	7°♊24'33	
evening set	-4367 Jun 20 j 03:46	5°♊03'55	
min. Earth dist.	-4367 Jun 23 j 18:31	2°♊13'28	0.61958 AU
	-4367 Jun 26 j 04:25	30°℞♉	
inferior conj	-4367 Jun 26 j 20:32	29°♉22'21	-4°-9'-19
minimum elong	-4367 Jun 26 j 22:43	29°♉17'15	4°08'57
morning rise	-4367 Jul 03 j 20:20	24°♉21'53	
direct	-4367 Jul 06 j 09:04	23°♉53'55	
morning max el	-4367 Jul 13 j 04:08	27°♉18'45	17°58'21
asc. node	-4367 Jul 14 j 14:34	28°♉50'03	
	-4367 Jul 15 j 13:58	0°♊	
morning set	-4367 Jul 29 j 08:05	22°♊39'21	
	-4367 Aug 02 j 09:42	0°♋	
superior conj	-4367 Aug 09 j 05:41	12°♋01'54	1°34'01
minimum elong	-4367 Aug 09 j 10:11	12°♋21'15	1°33'52
max. Earth dist.	-4367 Aug 16 j 11:33	24°♋13'03	1.42577 AU
	-4367 Aug 20 j 01:00	0°♌	
evening rise	-4367 Aug 23 j 17:41	5°♌52'25	
desc. node	-4367 Aug 26 j 07:41	9°♌54'37	
	-4367 Sep 08 j 17:21	0°♍	
greatest brilliancy	-4367 Sep 19 j 06:27	14°♍21'42	-0.4m
evening max el	-4367 Sep 24 j 04:52	20°♍00'27	21°43'05
retrograde	-4367 Oct 03 j 04:45	25°♍21'02	
evening set	-4367 Oct 07 j 10:14	23°♍42'31	
asc. node	-4367 Oct 10 j 13:35	20°♍25'59	
inferior conj	-4367 Oct 12 j 19:19	17°♍26'13	0°45'38
minimum elong	-4367 Oct 12 j 18:17	17°♍29'49	0°45'15
min. Earth dist.	-4367 Oct 13 j 00:28	17°♍08'26	0.67289 AU
morning rise	-4367 Oct 18 j 02:04	11°♍08'40	
direct	-4367 Oct 22 j 22:29	9°♍07'36	
morning max el	-4367 Nov 02 j 01:56	15°♍11'09	23°07'10
greatest brilliancy	-4367 Nov 07 j 03:32	20°♍53'32	-0.3m
	-4367 Nov 14 j 02:58	0°♎	
desc. node	-4367 Nov 22 j 07:40	11°♎45'38	
	-4367 Dec 04 j 00:54	0°♏	
morning set	-4367 Dec 06 j 13:51	4°♏10'26	
max. Earth dist.	-4367 Dec 11 j 05:14	12°♏01'50	1.39762 AU
superior conj	-4367 Dec 18 j 21:19	25°♏42'29	-1°-53'-58
minimum elong	-4367 Dec 18 j 21:29	25°♏43'15	1°54'09
	-4367 Dec 21 j 04:49	0°♐	
evening rise	-4367 Dec 28 j 10:00	13°♐44'19	
	-4366 Jan 06 j 07:42	0°♑	
asc. node	-4366 Jan 06 j 12:28	0°♑19'36	
evening max el	-4366 Jan 13 j 15:45	9°♑49'57	18°30'41
retrograde	-4366 Jan 21 j 06:22	13°♑33'16	
evening set	-4366 Jan 23 j 17:51	13°♑10'52	
inferior conj	-4366 Jan 31 j 04:54	8°♑38'54	3°50'41
minimum elong	-4366 Jan 31 j 07:34	8°♑33'36	3°50'12

min. Earth dist.	-4366 Feb 03 j 14:02	5°♑58'48	0.58737 AU
morning rise	-4366 Feb 07 j 17:46	3°♑17'04	
direct	-4366 Feb 13 j 21:43	1°♑39'48	
desc. node	-4366 Feb 18 j 07:08	2°♑27'38	
morning max el	-4366 Feb 28 j 03:51	9°♑12'13	26°36'02
	-4366 Mar 15 j 23:41	0°♒	
morning set	-4366 Mar 29 j 14:08	25°♒23'11	
	-4366 Mar 31 j 18:29	0°♓	
asc. node	-4366 Apr 04 j 11:56	8°♓04'45	
superior conj	-4366 Apr 05 j 15:51	10°♓37'26	0°12'06
minimum elong	-4366 Apr 05 j 15:19	10°♓34'31	0°11'55
behind sun begin	-4366 Apr 05 j 12:02	10°♓16'30	
behind sun end	-4366 Apr 05 j 18:37	10°♓52'32	
max. Earth dist.	-4366 Apr 05 j 18:25	10°♓51'29	1.32621 AU
evening rise	-4366 Apr 12 j 17:12	25°♓48'30	
	-4366 Apr 14 j 18:09	0°♈	
	-4366 May 02 j 04:59	0°♉	
evening max el	-4366 May 12 j 07:21	11°♉59'00	26°33'51
desc. node	-4366 May 17 j 05:43	16°♉02'27	
retrograde	-4366 May 26 j 09:08	19°♉19'02	
evening set	-4366 Jun 01 j 20:18	17°♉31'47	
min. Earth dist.	-4366 Jun 05 j 20:40	14°♉50'21	0.59943 AU
inferior conj	-4366 Jun 09 j 05:32	12°♉07'12	-4°-16'-3
minimum elong	-4366 Jun 09 j 05:03	12°♉08'12	4°15'56
morning rise	-4366 Jun 16 j 17:18	7°♉28'30	
direct	-4366 Jun 19 j 04:48	7°♉05'43	
morning max el	-4366 Jun 26 j 15:10	10°♉41'13	18°16'05
asc. node	-4366 Jul 01 j 11:36	16°♉35'03	
	-4366 Jul 09 j 09:52	0°♊	
morning set	-4366 Jul 12 j 14:57	6°♊01'12	
superior conj	-4366 Jul 22 j 05:04	23°♊55'08	1°47'09
minimum elong	-4366 Jul 22 j 06:47	24°♊02'56	1°47'18
	-4366 Jul 25 j 14:33	0°♋	
max. Earth dist.	-4366 Jul 29 j 17:03	7°♋07'31	1.40800 AU
evening rise	-4366 Aug 03 j 17:29	15°♋30'39	
	-4366 Aug 12 j 21:29	0°♌	
desc. node	-4366 Aug 13 j 04:41	0°♌27'29	
greatest brilliancy	-4366 Sep 01 j 14:41	27°♌34'20	-0.3m
	-4366 Sep 03 j 15:56	0°♍	
evening max el	-4366 Sep 06 j 20:04	3°♍25'47	23°02'19
retrograde	-4366 Sep 16 j 22:32	9°♍25'03	
evening set	-4366 Sep 21 j 17:44	7°♍27'00	
inferior conj	-4366 Sep 27 j 01:56	1°♍07'04	0°-7'-29
minimum elong	-4366 Sep 27 j 02:07	1°♍06'29	0°07'19
transit middle	-4366 Sep 27 j 02:07	1°♍06'29	0°07'19
transit begin	-4366 Sep 26 j 23:42	1°♍14'48	
transit end	-4366 Sep 27 j 04:31	0°♍58'09	
min. Earth dist.	-4366 Sep 26 j 20:55	1°♍24'23	0.67409 AU
asc. node	-4366 Sep 27 j 10:43	0°♍36'52	
	-4366 Sep 27 j 21:30	30°℞♌	
morning rise	-4366 Oct 02 j 10:27	24°♌52'16	
direct	-4366 Oct 06 j 16:39	23°♌12'27	
morning max el	-4366 Oct 15 j 15:59	28°♌31'50	21°43'12
	-4366 Oct 17 j 01:16	0°♍	
greatest brilliancy	-4366 Oct 20 j 16:19	4°♍16'49	-0.4m
	-4366 Nov 07 j 20:10	0°♎	
desc. node	-4366 Nov 09 j 04:35	2°♎03'24	
morning set	-4366 Nov 16 j 09:19	13°♎15'56	
max. Earth dist.	-4366 Nov 23 j 05:41	24°♎22'09	1.41754 AU
	-4366 Nov 26 j 14:23	0°♏	
superior conj	-4366 Nov 30 j 18:41	7°♏10'54	-1°-48'-37
minimum elong	-4366 Nov 30 j 15:28	6°♏56'55	1°48'35
evening rise	-4366 Dec 11 j 14:41	26°♏40'23	
	-4366 Dec 13 j 10:13	0°♐	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4366 Dec 24 j 09:35	18°♐27'09	
evening max el	-4366 Dec 28 j 00:34	22°♐46'29	18°10'35
retrograde	-4365 Jan 03 j 21:44	26°♐16'15	
evening set	-4365 Jan 06 j 11:51	25°♐47'10	
inferior conj	-4365 Jan 13 j 09:15	20°♐53'05	4°04'12
minimum elong	-4365 Jan 13 j 09:05	20°♐53'28	4°04'00
min. Earth dist.	-4365 Jan 16 j 13:41	17°♐58'41	0.60743 AU
morning rise	-4365 Jan 20 j 03:38	15°♐13'05	
direct	-4365 Jan 27 j 00:24	12°♐58'58	
desc. node	-4365 Feb 05 j 04:13	16°♐26'50	
morning max el	-4365 Feb 10 j 03:07	20°♐38'47	27°26'51
	-4365 Feb 18 j 06:01	0°♑	
	-4365 Mar 08 j 19:16	0°♒	
morning set	-4365 Mar 13 j 22:03	10°♒10'53	
max. Earth dist.	-4365 Mar 20 j 07:26	23°♒48'05	1.32632 AU
superior conj	-4365 Mar 21 j 03:22	25°♒36'49	0°-12'-49
minimum elong	-4365 Mar 21 j 03:57	25°♒39'58	0°12'49
behind sun begin	-4365 Mar 21 j 00:59	25°♒23'48	
behind sun end	-4365 Mar 21 j 06:54	25°♒56'08	
asc. node	-4365 Mar 22 j 08:57	28°♒18'26	
	-4365 Mar 23 j 03:33	0°♓	
evening rise	-4365 Mar 28 j 03:37	10°♓45'40	
	-4365 Apr 07 j 02:23	0°♈	
evening max el	-4365 Apr 24 j 03:29	23°♈16'39	25°23'18
desc. node	-4365 May 04 j 02:52	29°♈48'12	
	-4365 May 04 j 19:00	0°♉	
retrograde	-4365 May 08 j 05:20	0°♉27'44	
	-4365 May 11 j 15:23	30°℞♈	
evening set	-4365 May 13 j 15:15	29°♈19'01	
min. Earth dist.	-4365 May 18 j 15:57	26°♈30'08	0.57952 AU
inferior conj	-4365 May 21 j 20:11	24°♈17'07	-3°-54'-39
minimum elong	-4365 May 21 j 16:16	24°♈24'02	3°54'03
morning rise	-4365 May 29 j 21:19	19°♈59'23	
direct	-4365 Jun 01 j 08:21	19°♈40'42	
morning max el	-4365 Jun 09 j 20:01	23°♈39'52	18°53'55
	-4365 Jun 15 j 02:37	0°♉	
asc. node	-4365 Jun 18 j 08:38	5°♉06'00	
morning set	-4365 Jun 26 j 09:05	19°♉58'48	
	-4365 Jul 01 j 11:37	0°♊	
superior conj	-4365 Jul 05 j 00:36	6°♊50'13	1°48'45
minimum elong	-4365 Jul 04 j 23:56	6°♊47'06	1°48'56
max. Earth dist.	-4365 Jul 11 j 19:05	19°♊22'05	1.38858 AU
evening rise	-4365 Jul 15 j 19:28	26°♊25'14	
	-4365 Jul 17 j 21:55	0°♋	
desc. node	-4365 Jul 31 j 01:42	20°♋48'39	
	-4365 Aug 06 j 11:37	0°♌	
evening max el	-4365 Aug 20 j 07:49	16°♌53'52	24°22'53
retrograde	-4365 Aug 31 j 12:41	23°♌28'03	
evening set	-4365 Sep 05 j 22:53	21°♌10'25	
min. Earth dist.	-4365 Sep 10 j 16:22	15°♌42'22	0.67229 AU
inferior conj	-4365 Sep 11 j 07:50	14°♌50'17	-1°00'-44
minimum elong	-4365 Sep 11 j 09:15	14°♌45'33	1°00'01
asc. node	-4365 Sep 14 j 07:49	11°♌01'56	
morning rise	-4365 Sep 16 j 19:50	8°♌41'35	
direct	-4365 Sep 20 j 13:34	7°♌21'25	
morning max el	-4365 Sep 28 j 12:47	12°♌00'49	20°28'05
greatest brilliancy	-4365 Oct 05 j 00:26	19°♌50'15	-0.5m
	-4365 Oct 12 j 04:40	0°♍	
morning set	-4365 Oct 26 j 09:35	21°♍31'50	
desc. node	-4365 Oct 27 j 01:32	22°♍33'45	
	-4365 Oct 31 j 19:28	0°♎	
max. Earth dist.	-4365 Nov 05 j 14:04	7°♎36'40	1.43393 AU
superior conj	-4365 Nov 11 j 14:08	17°♎24'32	-1°-28'-7
minimum elong	-4365 Nov 11 j 07:43	16°♎58'01	1°27'36
	-4365 Nov 19 j 01:12	0°♏	
evening rise	-4365 Nov 24 j 03:32	8°♏50'38	
	-4365 Dec 06 j 18:30	0°♐	
asc. node	-4365 Dec 11 j 06:40	5°♐43'17	
evening max el	-4365 Dec 11 j 12:42	5°♐58'42	18°09'57
retrograde	-4365 Dec 18 j 02:21	9°♐27'47	
evening set	-4365 Dec 20 j 19:30	8°♐51'01	
inferior conj	-4365 Dec 27 j 05:47	3°♐35'27	3°53'54
minimum elong	-4365 Dec 27 j 03:37	3°♐41'06	3°53'28
min. Earth dist.	-4365 Dec 29 j 21:55	0°♐49'04	0.62650 AU
	-4365 Dec 30 j 17:52	30°℞♏	
morning rise	-4364 Jan 02 j 09:53	27°♏42'05	
direct	-4364 Jan 09 j 11:37	25°♏02'45	
	-4364 Jan 20 j 07:24	0°♐	
desc. node	-4364 Jan 23 j 01:17	2°♐28'29	
morning max el	-4364 Jan 23 j 08:19	2°♐45'39	27°42'07
	-4364 Feb 12 j 14:19	0°♑	
morning set	-4364 Feb 26 j 00:42	24°♑39'33	
	-4364 Feb 28 j 15:09	0°♒	
max. Earth dist.	-4364 Mar 02 j 16:42	6°♒28'38	1.33000 AU
superior conj	-4364 Mar 04 j 13:05	10°♒27'21	0°-37'-41
minimum elong	-4364 Mar 04 j 14:45	10°♒36'20	0°37'31
asc. node	-4364 Mar 08 j 05:58	18°♒28'28	
evening rise	-4364 Mar 11 j 15:15	25°♒42'43	
	-4364 Mar 13 j 16:48	0°♓	
	-4364 Mar 31 j 23:48	0°♈	
evening max el	-4364 Apr 04 j 19:40	4°♈05'18	23°53'59
retrograde	-4364 Apr 18 j 13:14	10°♈56'42	
desc. node	-4364 Apr 20 j 00:02	10°♈51'57	
evening set	-4364 Apr 22 j 15:38	10°♈19'32	
min. Earth dist.	-4364 Apr 29 j 07:14	7°♈10'05	0.56306 AU
inferior conj	-4364 May 01 j 14:42	5°♈45'12	-2°-55'-41
minimum elong	-4364 May 01 j 08:52	5°♈54'10	2°54'12
morning rise	-4364 May 10 j 05:52	1°♈43'44	
direct	-4364 May 12 j 17:11	1°♈27'54	
morning max el	-4364 May 22 j 16:01	6°♈05'15	19°52'12
asc. node	-4364 Jun 04 j 05:39	24°♈11'39	
	-4364 Jun 07 j 06:20	0°♉	
morning set	-4364 Jun 09 j 11:08	4°♉23'05	
superior conj	-4364 Jun 17 j 10:49	20°♉31'39	1°41'42
minimum elong	-4364 Jun 17 j 08:43	20°♉21'11	1°41'43
	-4364 Jun 22 j 07:27	0°♊	
max. Earth dist.	-4364 Jun 22 j 22:31	1°♊11'27	1.36994 AU
evening rise	-4364 Jun 26 j 21:52	8°♊32'34	
	-4364 Jul 09 j 16:02	0°♋	
desc. node	-4364 Jul 16 j 22:45	10°♋51'51	
	-4364 Aug 01 j 08:41	0°♌	
evening max el	-4364 Aug 01 j 18:24	0°♌24'03	25°37'15
retrograde	-4364 Aug 13 j 22:25	7°♌25'07	
evening set	-4364 Aug 19 j 23:47	4°♌50'27	
	-4364 Aug 24 j 08:19	30°℞♋	
min. Earth dist.	-4364 Aug 24 j 08:23	29°♋59'46	0.66729 AU
inferior conj	-4364 Aug 25 j 11:13	28°♋33'22	-1°-52'-29
minimum elong	-4364 Aug 25 j 13:46	28°♋25'09	1°51'21
morning rise	-4364 Aug 31 j 04:20	22°♋34'00	
asc. node	-4364 Aug 31 j 04:56	22°♋33'03	
direct	-4364 Sep 03 j 11:42	21°♋30'41	
morning max el	-4364 Sep 10 j 16:48	25°♋38'13	19°25'52
	-4364 Sep 14 j 10:40	0°♌	
greatest brilliancy	-4364 Sep 20 j 06:03	8°♌06'12	-0.7m
	-4364 Oct 04 j 11:59	0°♍	
morning set	-4364 Oct 04 j 12:33	0°♍02'14	
desc. node	-4364 Oct 12 j 22:26	13°♍11'54	
max. Earth dist.	-4364 Oct 18 j 04:39	21°♍29'21	1.44453 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4364 Oct 21 j 06:24	26°♍22'18	0°-51'-7	
minimum elong	-4364 Oct 21 j 00:29	25°♍58'43	0°50'24	
	-4364 Oct 23 j 12:50	0°♎		
evening rise	-4364 Nov 04 j 19:45	20°♎04'56		
	-4364 Nov 10 j 18:54	0°♏		
evening max el	-4364 Nov 24 j 01:16	19°♏19'44	18°28'05	
asc. node	-4364 Nov 27 j 03:45	21°♏53'30		
retrograde	-4364 Nov 30 j 15:53	22°♏58'55		
evening set	-4364 Dec 03 j 13:15	22°♏13'01		
inferior conj	-4364 Dec 09 j 14:45	16°♏38'26	3°27'22	
minimum elong	-4364 Dec 09 j 11:40	16°♏47'21	3°26'34	
min. Earth dist.	-4364 Dec 11 j 16:15	14°♏15'40	0.64273 AU	
morning rise	-4364 Dec 15 j 08:45	10°♏34'53		
direct	-4364 Dec 22 j 05:58	7°♏45'12		
morning max el	-4363 Jan 04 j 17:15	15°♏26'21	27°22'10	
desc. node	-4363 Jan 08 j 22:20	19°♏58'30		
	-4363 Jan 16 j 18:08	0°♐		
	-4363 Feb 04 j 06:06	0°♑		
morning set	-4363 Feb 08 j 19:21	8°♑40'18		
max. Earth dist.	-4363 Feb 13 j 18:21	18°♑40'57	1.33760 AU	
superior conj	-4363 Feb 16 j 19:12	25°♑02'58	-1°-1'-29	
minimum elong	-4363 Feb 16 j 21:46	25°♑16'33	1°01'15	
	-4363 Feb 19 j 03:00	0°♒		
asc. node	-4363 Feb 23 j 02:57	8°♒30'43		
evening rise	-4363 Feb 24 j 02:20	10°♒33'29		
	-4363 Mar 06 j 07:06	0°♓		
evening max el	-4363 Mar 17 j 13:29	14°♓50'33	22°19'59	
retrograde	-4363 Mar 30 j 09:22	21°♓05'22		
evening set	-4363 Apr 02 j 08:44	20°♓45'53		
desc. node	-4363 Apr 06 j 21:12	19°♓10'34		
min. Earth dist.	-4363 Apr 10 j 21:23	17°♓03'15	0.55332 AU	
inferior conj	-4363 Apr 11 j 16:25	16°♓36'15	-1°-18'-34	
minimum elong	-4363 Apr 11 j 12:54	16°♓41'15	1°17'28	
morning rise	-4363 Apr 20 j 18:55	12°♓38'46		
direct	-4363 Apr 23 j 10:01	12°♓23'00		
morning max el	-4363 May 05 j 01:29	17°♓51'07	21°09'47	
	-4363 May 14 j 13:12	0°♈		
asc. node	-4363 May 22 j 02:39	13°♈43'30		
morning set	-4363 May 24 j 18:37	19°♈07'08		
	-4363 May 30 j 00:05	0°♉		
superior conj	-4363 Jun 01 j 07:28	4°♉47'18	1°28'22	
minimum elong	-4363 Jun 01 j 04:48	4°♉33'29	1°28'09	
max. Earth dist.	-4363 Jun 05 j 08:55	13°♉01'40	1.35400 AU	
evening rise	-4363 Jun 09 j 19:37	21°♉39'51		
	-4363 Jun 14 j 08:25	0°♊		
	-4363 Jul 03 j 11:05	0°♋		
desc. node	-4363 Jul 03 j 19:48	0°♋29'21		
evening max el	-4363 Jul 15 j 05:22	13°♋53'07	26°37'15	
retrograde	-4363 Jul 28 j 03:27	21°♋10'41		
evening set	-4363 Aug 03 j 18:13	18°♋25'12		
min. Earth dist.	-4363 Aug 07 j 18:42	14°♋13'19	0.65875 AU	
inferior conj	-4363 Aug 09 j 10:11	12°♋14'09	-2°-40'-49	
minimum elong	-4363 Aug 09 j 13:35	12°♋03'53	2°39'32	
morning rise	-4363 Aug 15 j 09:58	6°♋27'17		
direct	-4363 Aug 18 j 09:15	5°♋37'32		
asc. node	-4363 Aug 18 j 02:02	5°♋38'03		
morning max el	-4363 Aug 25 j 02:46	9°♋22'04	18°38'58	
	-4363 Sep 08 j 13:36	0°♌		
morning set	-4363 Sep 14 j 13:24	9°♌38'34		
	-4363 Sep 27 j 07:52	0°♍		
desc. node	-4363 Sep 29 j 19:19	3°♍54'34		
superior conj	-4363 Sep 30 j 06:27	4°♍38'25	0°-2'-56	
minimum elong	-4363 Sep 30 j 06:04	4°♍36'56	0°02'48	
behind sun begin	-4363 Sep 29 j 18:47	3°♍52'28		
behind sun end	-4363 Sep 30 j 17:21	5°♍21'25		
max. Earth dist.	-4363 Sep 30 j 22:09	5°♍40'20	1.44817 AU	
evening rise	-4363 Oct 16 j 11:24	0°♎15'13		
	-4363 Oct 16 j 07:35	0°♎		
	-4363 Nov 05 j 01:56	0°♏		
evening max el	-4363 Nov 07 j 11:47	2°♏45'02	19°03'48	
retrograde	-4363 Nov 14 j 10:32	6°♏43'08		
asc. node	-4363 Nov 14 j 00:52	6°♏42'13		
evening set	-4363 Nov 17 j 14:01	5°♏45'59		
inferior conj	-4363 Nov 23 j 08:44	29°♎55'33	2°49'53	
minimum elong	-4363 Nov 23 j 05:35	0°♏05'24	2°48'52	
	-4363 Nov 23 j 07:19	30°℞♎		
min. Earth dist.	-4363 Nov 24 j 20:07	28°♎04'58	0.65553 AU	
morning rise	-4363 Nov 28 j 20:12	23°♎44'32		
direct	-4363 Dec 05 j 06:49	20°♎58'08		
morning max el	-4363 Dec 18 j 03:02	28°♎27'58	26°32'10	
	-4363 Dec 19 j 14:47	0°♏		
desc. node	-4363 Dec 26 j 19:18	8°♏30'32		
	-4362 Jan 10 j 12:23	0°♐		
morning set	-4362 Jan 23 j 02:13	22°♐00'39		
	-4362 Jan 27 j 05:24	0°♑		
max. Earth dist.	-4362 Jan 27 j 08:50	0°♑16'59	1.34961 AU	
superior conj	-4362 Jan 31 j 19:26	9°♑15'51	-1°-22'-59	
minimum elong	-4362 Jan 31 j 22:29	9°♑31'38	1°22'48	
evening rise	-4362 Feb 08 j 11:02	25°♑10'50		
asc. node	-4362 Feb 09 j 23:58	28°♑19'52		
	-4362 Feb 10 j 19:49	0°♒		
evening max el	-4362 Feb 27 j 14:53	25°♒57'15	20°53'40	
	-4362 Mar 05 j 06:20	0°♓		
retrograde	-4362 Mar 10 j 23:09	1°♓21'27		
evening set	-4362 Mar 13 j 08:54	1°♓07'48		
	-4362 Mar 17 j 00:42	30°℞♒		
inferior conj	-4362 Mar 22 j 11:47	27°♒09'55	0°37'34	
minimum elong	-4362 Mar 22 j 13:29	27°♒07'29	0°36'51	
min. Earth dist.	-4362 Mar 23 j 11:40	26°♒35'42	0.55260 AU	
desc. node	-4362 Mar 24 j 18:21	25°♒52'28		
morning rise	-4362 Mar 31 j 16:49	22°♒58'03		
direct	-4362 Apr 03 j 22:03	22°♒35'28		
morning max el	-4362 Apr 17 j 00:31	28°♒56'29	22°42'34	
	-4362 Apr 18 j 02:28	0°♓		
	-4362 May 07 j 06:05	0°♈		
asc. node	-4362 May 08 j 23:38	3°♈33'35		
morning set	-4362 May 09 j 05:19	4°♈03'10		
superior conj	-4362 May 16 j 11:12	19°♈25'40	1°10'29	
minimum elong	-4362 May 16 j 08:37	19°♈11'59	1°10'07	
max. Earth dist.	-4362 May 19 j 05:11	25°♈12'11	1.34163 AU	
	-4362 May 21 j 13:11	0°♉		
evening rise	-4362 May 24 j 07:28	5°♉31'03		
	-4362 Jun 07 j 00:38	0°♊		
desc. node	-4362 Jun 20 j 16:54	19°♊29'34		
evening max el	-4362 Jun 27 j 16:36	27°♊12'21	27°15'18	
	-4362 Jun 30 j 20:07	0°♋		
retrograde	-4362 Jul 11 j 03:12	4°♋36'36		
evening set	-4362 Jul 18 j 03:28	1°♋50'27		
	-4362 Jul 20 j 05:03	30°℞♊		
min. Earth dist.	-4362 Jul 21 j 21:14	28°♊15'52	0.64637 AU	
inferior conj	-4362 Jul 24 j 02:28	25°♊48'30	-3°-23'-18	
minimum elong	-4362 Jul 24 j 06:11	25°♊38'13	3°22'11	
morning rise	-4362 Jul 30 j 10:24	20°♊17'09		
direct	-4362 Aug 02 j 03:56	19°♊37'48		
asc. node	-4362 Aug 04 j 23:07	20°♊18'49		
morning max el	-4362 Aug 08 j 16:27	23°♊07'53	18°08'56	
	-4362 Aug 14 j 02:51	0°♋		
morning set	-4362 Aug 26 j 17:42	20°♋34'02		
	-4362 Sep 01 j 09:12	0°♌		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4362 Sep 09 j 12:32	13°♌16'37	0°44'21
minimum elong	-4362 Sep 09 j 17:26	13°♌36'19	0°43'54
max. Earth dist.	-4362 Sep 13 j 15:28	19°♌51'31	1.44456 AU
desc. node	-4362 Sep 16 j 16:14	24°♌39'00	
	-4362 Sep 20 j 02:06	0°♍	
evening rise	-4362 Sep 26 j 03:26	9°♍25'24	
	-4362 Oct 09 j 14:17	0°♎	
greatest brilliancy	-4362 Oct 14 j 06:09	6°♎46'49	-0.6m
evening max el	-4362 Oct 21 j 18:06	16°♎11'51	19°55'29
retrograde	-4362 Oct 29 j 07:27	20°♎36'42	
asc. node	-4362 Oct 31 j 21:59	19°♎57'14	
evening set	-4362 Nov 01 j 19:16	19°♎25'35	
inferior conj	-4362 Nov 07 j 08:59	13°♎22'35	2°05'05
minimum elong	-4362 Nov 07 j 06:23	13°♎31'11	2°04'07
min. Earth dist.	-4362 Nov 08 j 07:37	12°♎07'45	0.66485 AU
morning rise	-4362 Nov 12 j 16:49	7°♎06'56	
direct	-4362 Nov 18 j 13:25	4°♎33'55	
morning max el	-4362 Nov 30 j 11:57	11°♎38'48	25°20'32
desc. node	-4362 Dec 13 j 16:15	27°♎46'22	
	-4362 Dec 15 j 06:21	0°♏	
	-4361 Jan 03 j 04:34	0°♐	
morning set	-4361 Jan 05 j 16:28	4°♐26'17	
max. Earth dist.	-4361 Jan 09 j 11:43	11°♐25'54	1.36602 AU
superior conj	-4361 Jan 15 j 11:00	22°♐57'55	-1°-40'-28
minimum elong	-4361 Jan 15 j 13:51	23°♐12'04	1°40'27
	-4361 Jan 18 j 23:10	0°♑	
evening rise	-4361 Jan 23 j 15:21	9°♑28'54	
asc. node	-4361 Jan 27 j 21:00	17°♑50'34	
	-4361 Feb 03 j 21:50	0°♒	
evening max el	-4361 Feb 10 j 02:46	7°♒38'45	19°42'55
retrograde	-4361 Feb 19 j 18:21	12°♒13'05	
evening set	-4361 Feb 22 j 02:17	11°♒58'18	
inferior conj	-4361 Mar 02 j 15:00	7°♒55'10	2°20'24
minimum elong	-4361 Mar 02 j 19:56	7°♒47'22	2°18'50
min. Earth dist.	-4361 Mar 05 j 02:12	6°♒22'14	0.56106 AU
morning rise	-4361 Mar 11 j 10:12	3°♒16'03	
desc. node	-4361 Mar 11 j 15:29	3°♒11'59	
direct	-4361 Mar 15 j 17:54	2°♒34'14	
morning max el	-4361 Mar 29 j 16:32	9°♒35'08	24°21'30
	-4361 Apr 13 j 19:30	0°♓	
morning set	-4361 Apr 23 j 17:29	19°♓05'18	
asc. node	-4361 Apr 25 j 20:37	23°♓36'23	
	-4361 Apr 28 j 19:46	0°♈	
superior conj	-4361 Apr 30 j 19:32	4°♈18'35	0°49'24
minimum elong	-4361 Apr 30 j 17:31	4°♈07'42	0°49'00
max. Earth dist.	-4361 May 02 j 10:30	7°♈48'21	1.33296 AU
evening rise	-4361 May 08 j 05:17	19°♈53'21	
	-4361 May 13 j 09:42	0°♉	
	-4361 Jun 01 j 04:57	0°♊	
desc. node	-4361 Jun 07 j 14:02	7°♊36'33	
evening max el	-4361 Jun 10 j 02:21	10°♊09'37	27°24'46
retrograde	-4361 Jun 23 j 20:52	17°♊33'48	
evening set	-4361 Jul 01 j 00:05	15°♊00'10	
min. Earth dist.	-4361 Jul 04 j 14:20	11°♊56'39	0.63029 AU
inferior conj	-4361 Jul 07 j 09:17	9°♊10'19	-3°-56'-27
minimum elong	-4361 Jul 07 j 12:24	9°♊02'34	3°55'48
morning rise	-4361 Jul 14 j 02:50	3°♊57'33	
direct	-4361 Jul 16 j 16:51	3°♊25'55	
asc. node	-4361 Jul 22 j 20:12	6°♊23'30	
morning max el	-4361 Jul 23 j 07:15	6°♊49'59	17°56'49
	-4361 Aug 07 j 10:04	0°♋	
morning set	-4361 Aug 08 j 21:55	2°♋38'03	
superior conj	-4361 Aug 20 j 18:11	23°♋05'14	1°20'09
minimum elong	-4361 Aug 20 j 23:49	23°♋28'51	1°19'47

	-4361 Aug 24 j 22:23	0°♌	
max. Earth dist.	-4361 Aug 27 j 06:05	3°♌46'25	1.43427 AU
desc. node	-4361 Sep 03 j 13:12	15°♌21'47	
evening rise	-4361 Sep 05 j 07:21	18°♌05'55	
	-4361 Sep 13 j 02:08	0°♍	
greatest brilliancy	-4361 Sep 29 j 05:26	23°♍06'22	-0.5m
evening max el	-4361 Oct 04 j 18:38	29°♍37'58	21°00'46
	-4361 Oct 05 j 03:21	0°♎	
retrograde	-4361 Oct 13 j 04:22	4°♎36'15	
evening set	-4361 Oct 17 j 02:51	3°♎08'22	
asc. node	-4361 Oct 18 j 19:08	1°♎37'44	
	-4361 Oct 20 j 05:24	30°℞♍	
inferior conj	-4361 Oct 22 j 13:11	26°♍56'06	1°15'31
minimum elong	-4361 Oct 22 j 11:30	27°♍01'51	1°14'51
min. Earth dist.	-4361 Oct 23 j 00:26	26°♍17'41	0.67089 AU
morning rise	-4361 Oct 27 j 19:45	20°♍38'35	
direct	-4361 Nov 02 j 01:02	18°♍25'06	
morning max el	-4361 Nov 12 j 20:40	24°♍52'34	23°56'54
	-4361 Nov 17 j 11:33	0°♎	
desc. node	-4361 Nov 30 j 13:10	17°♎32'45	
	-4361 Dec 08 j 18:37	0°♏	
morning set	-4361 Dec 18 j 07:59	15°♏40'00	
max. Earth dist.	-4361 Dec 22 j 08:03	22°♏38'45	1.38575 AU
	-4361 Dec 26 j 09:32	0°♐	
superior conj	-4361 Dec 29 j 14:07	5°♐57'59	-1°-51'-37
minimum elong	-4361 Dec 29 j 15:39	6°♐05'19	1°51'46
evening rise	-4360 Jan 07 j 12:52	23°♐20'31	
	-4360 Jan 10 j 23:27	0°♑	
asc. node	-4360 Jan 14 j 18:03	6°♑55'41	
evening max el	-4360 Jan 24 j 00:31	19°♑54'14	18°51'15
retrograde	-4360 Feb 01 j 05:48	23°♑51'42	
evening set	-4360 Feb 03 j 15:59	23°♑32'27	
inferior conj	-4360 Feb 11 j 11:58	19°♑12'14	3°28'34
minimum elong	-4360 Feb 11 j 16:08	19°♑04'37	3°27'38
min. Earth dist.	-4360 Feb 14 j 17:52	16°♑51'28	0.57654 AU
morning rise	-4360 Feb 19 j 12:37	14°♑04'35	
direct	-4360 Feb 25 j 02:05	12°♑50'01	
desc. node	-4360 Feb 26 j 12:35	12°♑55'02	
morning max el	-4360 Mar 10 j 07:44	20°♑13'43	25°52'59
	-4360 Mar 18 j 16:30	0°♒	
	-4360 Apr 05 j 05:34	0°♓	
morning set	-4360 Apr 07 j 05:26	4°♓07'36	
asc. node	-4360 Apr 11 j 17:37	13°♓47'12	
superior conj	-4360 Apr 14 j 06:28	19°♓19'17	0°26'08
minimum elong	-4360 Apr 14 j 05:20	19°♓13'07	0°25'51
max. Earth dist.	-4360 Apr 14 j 21:55	20°♓43'38	1.32772 AU
	-4360 Apr 19 j 05:08	0°♈	
evening rise	-4360 Apr 21 j 09:53	4°♈36'13	
	-4360 May 05 j 03:15	0°♉	
evening max el	-4360 May 22 j 08:02	22°♉32'32	27°01'46
desc. node	-4360 May 24 j 11:11	24°♉27'57	
retrograde	-4360 Jun 05 j 07:26	29°♉54'02	
evening set	-4360 Jun 12 j 04:03	27°♉46'30	
min. Earth dist.	-4360 Jun 15 j 21:31	25°♉02'00	0.61121 AU
inferior conj	-4360 Jun 19 j 03:22	22°♉11'58	-4°-14'-58
minimum elong	-4360 Jun 19 j 04:35	22°♉09'18	4°14'47
morning rise	-4360 Jun 26 j 08:03	17°♉20'26	
direct	-4360 Jun 28 j 20:15	16°♉54'40	
morning max el	-4360 Jul 05 j 20:30	20°♉22'24	18°03'28
asc. node	-4360 Jul 08 j 17:15	23°♉36'43	
	-4360 Jul 13 j 01:39	0°♊	
morning set	-4360 Jul 21 j 20:33	15°♊36'00	
	-4360 Jul 29 j 17:42	0°♋	
superior conj	-4360 Aug 01 j 03:29	4°♋16'43	1°41'11

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4360 Aug 01 j 06:50	4°♋31'27	1°41'12
max. Earth dist.	-4360 Aug 08 j 15:45	17°♋09'09	1.41863 AU
evening rise	-4360 Aug 14 j 19:10	27°♋10'19	
	-4360 Aug 16 j 13:55	0°♌	
desc. node	-4360 Aug 20 j 10:12	5°♌59'54	
	-4360 Sep 05 j 20:43	0°♍	
greatest brilliancy	-4360 Sep 11 j 19:26	7°♍43'26	-0.3m
evening max el	-4360 Sep 16 j 12:58	13°♍03'28	22°16'09
retrograde	-4360 Sep 25 j 23:41	18°♍40'02	
evening set	-4360 Sep 30 j 10:55	16°♍53'07	
asc. node	-4360 Oct 04 j 16:16	12°♍08'07	
inferior conj	-4360 Oct 05 j 19:27	10°♍34'54	0°23'12
minimum elong	-4360 Oct 05 j 18:54	10°♍36'46	0°23'03
min. Earth dist.	-4360 Oct 05 j 20:11	10°♍32'22	0.67383 AU
morning rise	-4360 Oct 11 j 02:45	4°♍18'26	
direct	-4360 Oct 15 j 16:58	2°♍26'36	
morning max el	-4360 Oct 25 j 08:01	8°♍10'36	22°30'43
greatest brilliancy	-4360 Oct 30 j 01:03	13°♍29'09	-0.3m
	-4360 Nov 11 j 05:23	0°♎	
desc. node	-4360 Nov 16 j 10:07	7°♎41'14	
morning set	-4360 Nov 27 j 19:37	25°♎31'07	
	-4360 Nov 30 j 13:06	0°♏	
max. Earth dist.	-4360 Dec 03 j 05:43	4°♏30'52	1.40641 AU
superior conj	-4360 Dec 10 j 23:56	18°♏03'44	-1°-53'-21
minimum elong	-4360 Dec 10 j 22:47	17°♏58'35	1°53'28
	-4360 Dec 17 j 11:46	0°♐	
evening rise	-4360 Dec 21 j 00:44	6°♐39'20	
asc. node	-4360 Dec 31 j 15:08	25°♐27'09	
	-4359 Jan 03 j 21:19	0°♑	
evening max el	-4359 Jan 06 j 06:02	2°♑37'44	18°19'39
retrograde	-4359 Jan 13 j 11:56	6°♑13'51	
evening set	-4359 Jan 16 j 00:32	5°♑48'42	
inferior conj	-4359 Jan 23 j 05:24	1°♑07'01	3°59'57
minimum elong	-4359 Jan 23 j 06:49	1°♑04'01	3°59'39
	-4359 Jan 24 j 12:48	30°℞♐	
min. Earth dist.	-4359 Jan 26 j 13:40	28°♐18'07	0.59583 AU
morning rise	-4359 Jan 30 j 09:57	25°♐36'37	
direct	-4359 Feb 05 j 22:21	23°♐43'11	
desc. node	-4359 Feb 12 j 09:40	25°♐27'11	
	-4359 Feb 18 j 17:50	0°♑	
morning max el	-4359 Feb 20 j 03:36	1°♑19'05	27°01'58
	-4359 Mar 12 j 18:09	0°♒	
morning set	-4359 Mar 22 j 15:23	19°♒02'57	
	-4359 Mar 27 j 18:27	0°♓	
superior conj	-4359 Mar 29 j 18:13	4°♓20'56	0°01'35
minimum elong	-4359 Mar 29 j 18:09	4°♓20'34	0°01'29
behind sun begin	-4359 Mar 29 j 13:10	3°♓53'18	
behind sun end	-4359 Mar 29 j 23:08	4°♓47'51	
max. Earth dist.	-4359 Mar 29 j 11:30	3°♓44'09	1.32581 AU
asc. node	-4359 Mar 29 j 14:35	4°♓01'05	
evening rise	-4359 Apr 05 j 18:45	19°♓30'18	
	-4359 Apr 10 j 23:47	0°♈	
	-4359 Apr 30 j 07:45	0°♉	
evening max el	-4359 May 04 j 07:26	4°♉12'43	26°06'53
desc. node	-4359 May 11 j 08:21	9°♉32'21	
retrograde	-4359 May 18 j 09:32	11°♉29'55	
evening set	-4359 May 24 j 11:34	9°♉58'44	
min. Earth dist.	-4359 May 28 j 20:07	7°♉16'24	0.59079 AU
inferior conj	-4359 Jun 01 j 04:58	4°♉43'15	-4°-11'-3
minimum elong	-4359 Jun 01 j 03:01	4°♉46'58	4°10'50
morning rise	-4359 Jun 08 j 22:18	0°♉14'04	
	-4359 Jun 09 j 23:53	30°℞♈	
direct	-4359 Jun 11 j 09:39	29°♈53'06	
	-4359 Jun 12 j 18:55	0°♉	
morning max el	-4359 Jun 19 j 05:18	3°♉36'26	18°29'42
asc. node	-4359 Jun 25 j 14:17	11°♉43'00	
morning set	-4359 Jul 05 j 08:40	29°♉14'31	
	-4359 Jul 05 j 18:08	0°♊	
superior conj	-4359 Jul 14 j 12:13	16°♊38'54	1°49'03
minimum elong	-4359 Jul 14 j 12:49	16°♊41'44	1°49'15
	-4359 Jul 21 j 22:33	0°♋	
max. Earth dist.	-4359 Jul 21 j 19:28	29°♊46'35	1.39980 AU
evening rise	-4359 Jul 26 j 05:48	7°♋19'53	
desc. node	-4359 Aug 07 j 07:14	26°♋28'41	
	-4359 Aug 09 j 15:51	0°♌	
evening max el	-4359 Aug 30 j 02:14	26°♌29'15	23°36'45
	-4359 Sep 03 j 01:34	0°♍	
retrograde	-4359 Sep 09 j 16:08	2°♍44'29	
evening set	-4359 Sep 14 j 17:40	0°♍37'43	
	-4359 Sep 15 j 10:20	30°℞♌	
min. Earth dist.	-4359 Sep 19 j 16:29	24°♌49'32	0.67371 AU
inferior conj	-4359 Sep 20 j 01:58	24°♌17'04	0°-30'-10
minimum elong	-4359 Sep 20 j 02:40	24°♌14'40	0°29'46
asc. node	-4359 Sep 21 j 13:23	22°♌17'45	
morning rise	-4359 Sep 25 j 11:47	18°♌04'36	
direct	-4359 Sep 29 j 12:19	16°♌33'42	
morning max el	-4359 Oct 08 j 00:55	21°♌35'23	21°09'52
greatest brilliancy	-4359 Oct 13 j 13:06	28°♌01'17	-0.5m
	-4359 Oct 15 j 01:29	0°♍	
desc. node	-4359 Nov 03 j 07:05	28°♍05'16	
	-4359 Nov 04 j 12:47	0°♎	
morning set	-4359 Nov 07 j 04:57	4°♎09'53	
max. Earth dist.	-4359 Nov 15 j 09:32	17°♎15'33	1.42505 AU
superior conj	-4359 Nov 22 j 10:48	29°♎01'31	-1°-41'-55
minimum elong	-4359 Nov 22 j 06:03	28°♎41'14	1°41'43
	-4359 Nov 23 j 00:31	0°♏	
evening rise	-4359 Dec 03 j 23:16	19°♏17'38	
	-4359 Dec 09 j 23:17	0°♐	
asc. node	-4359 Dec 18 j 12:12	13°♐14'47	
evening max el	-4359 Dec 20 j 16:33	15°♐41'56	18°07'58
retrograde	-4359 Dec 27 j 09:38	19°♐10'23	
evening set	-4359 Dec 30 j 00:47	18°♐38'21	
inferior conj	-4358 Jan 05 j 17:09	13°♐34'56	4°02'16
minimum elong	-4358 Jan 05 j 16:00	13°♐37'44	4°02'00
min. Earth dist.	-4358 Jan 08 j 16:56	10°♐41'18	0.61570 AU
morning rise	-4358 Jan 12 j 04:51	7°♐48'27	
direct	-4358 Jan 19 j 04:55	5°♐21'47	
desc. node	-4358 Jan 30 j 06:44	10°♐23'21	
morning max el	-4358 Feb 02 j 05:50	13°♐04'20	27°37'56
	-4358 Feb 15 j 19:24	0°♑	
	-4358 Mar 05 j 01:01	0°♒	
morning set	-4358 Mar 06 j 21:22	3°♒44'13	
max. Earth dist.	-4358 Mar 12 j 23:22	16°♒35'52	1.32735 AU
superior conj	-4358 Mar 14 j 05:11	19°♒17'43	0°-23'-25
minimum elong	-4358 Mar 14 j 06:14	19°♒23'25	0°23'21
asc. node	-4358 Mar 16 j 11:35	24°♒14'02	
	-4358 Mar 19 j 03:28	0°♓	
evening rise	-4358 Mar 21 j 05:53	4°♓28'24	
	-4358 Apr 04 j 00:22	0°♈	
evening max el	-4358 Apr 16 j 01:11	15°♈15'16	24°46'50
desc. node	-4358 Apr 28 j 05:28	22°♈13'01	
retrograde	-4358 Apr 30 j 01:13	22°♈20'45	
evening set	-4358 May 04 j 21:51	21°♈26'50	
min. Earth dist.	-4358 May 10 j 13:22	18°♈30'30	0.57187 AU
inferior conj	-4358 May 13 j 11:02	16°♈35'50	-3°-34'-41
minimum elong	-4358 May 13 j 05:56	16°♈44'18	3°33'39
morning rise	-4358 May 21 j 18:13	12°♈26'15	
direct	-4358 May 24 j 05:01	12°♈09'08	
morning max el	-4358 Jun 02 j 06:48	16°♈22'48	19°16'12

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4358 Jun 12 j 11:19	0°♉30'04	
	-4358 Jun 12 j 04:27	0°♉	
morning set	-4358 Jun 19 j 06:30	13°♉24'21	
superior conj	-4358 Jun 27 j 14:36	29°♉55'48	1°46'40
minimum elong	-4358 Jun 27 j 13:13	29°♉49'04	1°46'47
	-4358 Jun 27 j 15:28	0°♊	
max. Earth dist.	-4358 Jul 03 j 20:48	11°♊45'26	1.38043 AU
evening rise	-4358 Jul 07 j 18:43	18°♊46'57	
	-4358 Jul 14 j 09:17	0°♋	
desc. node	-4358 Jul 25 j 04:16	16°♋43'05	
	-4358 Aug 03 j 20:33	0°♌	
evening max el	-4358 Aug 12 j 13:04	9°♌57'57	24°55'43
retrograde	-4358 Aug 24 j 04:38	16°♌45'32	
evening set	-4358 Aug 29 j 21:16	14°♌20'10	
min. Earth dist.	-4358 Sep 03 j 10:51	9°♌07'31	0.67056 AU
inferior conj	-4358 Sep 04 j 07:01	8°♌00'38	-1°-23'-1
minimum elong	-4358 Sep 04 j 08:56	7°♌54'18	1°22'06
asc. node	-4358 Sep 08 j 10:31	3°♌05'37	
morning rise	-4358 Sep 09 j 21:00	1°♌55'21	
direct	-4358 Sep 13 j 09:57	0°♌42'51	
morning max el	-4358 Sep 21 j 00:50	5°♌08'06	19°59'44
greatest brilliancy	-4358 Sep 28 j 12:24	14°♌25'39	-0.6m
	-4358 Oct 09 j 01:53	0°♍	
morning set	-4358 Oct 17 j 03:16	12°♍23'04	
desc. node	-4358 Oct 21 j 04:00	18°♍39'21	
	-4358 Oct 28 j 08:38	0°♎	
max. Earth dist.	-4358 Oct 28 j 20:15	0°♎46'18	1.43918 AU
superior conj	-4358 Nov 02 j 18:16	8°♎41'20	-1°-14'-18
minimum elong	-4358 Nov 02 j 11:24	8°♎13'26	1°13'37
	-4358 Nov 15 j 12:41	0°♏	
evening rise	-4358 Nov 16 j 03:53	1°♏04'59	
evening max el	-4358 Dec 04 j 05:12	28°♏58'43	18°15'30
asc. node	-4358 Dec 05 j 09:18	0°♐04'54	
	-4358 Dec 05 j 07:03	0°♐	
retrograde	-4358 Dec 10 j 18:23	2°♐30'54	
evening set	-4358 Dec 13 j 13:06	1°♐50'34	
	-4358 Dec 16 j 06:25	30°℞♏	
inferior conj	-4358 Dec 19 j 19:25	26°♏26'55	3°44'14
minimum elong	-4358 Dec 19 j 16:44	26°♏34'14	3°43'39
min. Earth dist.	-4358 Dec 22 j 05:32	23°♏48'45	0.63378 AU
morning rise	-4358 Dec 25 j 18:42	20°♏28'50	
direct	-4357 Jan 01 j 19:35	17°♏42'52	
morning max el	-4357 Jan 15 j 12:49	25°♏26'33	27°37'40
desc. node	-4357 Jan 17 j 03:47	27°♏06'07	
	-4357 Jan 19 j 18:30	0°♐	
	-4357 Feb 09 j 05:36	0°♑	
morning set	-4357 Feb 18 j 20:57	18°♑02'02	
max. Earth dist.	-4357 Feb 24 j 05:34	29°♑04'17	1.33267 AU
	-4357 Feb 24 j 16:06	0°♒	
superior conj	-4357 Feb 26 j 13:35	4°♒02'39	0°-47'-58
minimum elong	-4357 Feb 26 j 15:40	4°♒13'48	0°47'46
asc. node	-4357 Mar 03 j 08:34	14°♒21'09	
evening rise	-4357 Mar 05 j 17:27	19°♒23'08	
	-4357 Mar 10 j 23:31	0°♓	
evening max el	-4357 Mar 28 j 17:20	25°♓59'10	23°13'51
	-4357 Apr 02 j 19:19	0°♈	
retrograde	-4357 Apr 11 j 03:54	2°♈37'03	
evening set	-4357 Apr 14 j 17:12	2°♈09'24	
desc. node	-4357 Apr 15 j 02:35	2°♈03'08	
	-4357 Apr 20 j 00:21	30°℞♓	
min. Earth dist.	-4357 Apr 22 j 04:14	28°♓47'25	0.55789 AU
inferior conj	-4357 Apr 23 j 21:33	27°♓46'40	-2°-18'-34
minimum elong	-4357 Apr 23 j 16:07	27°♓54'40	2°17'00
morning rise	-4357 May 02 j 18:06	23°♓48'24	

direct	-4357 May 05 j 06:06	23°♓33'09	
morning max el	-4357 May 15 j 22:23	28°♓31'39	20°22'58
	-4357 May 17 j 09:57	0°♈	
asc. node	-4357 May 30 j 08:19	19°♈47'44	
morning set	-4357 Jun 03 j 11:09	27°♈57'44	
	-4357 Jun 04 j 11:07	0°♉	
superior conj	-4357 Jun 11 j 05:42	13°♉53'01	1°36'42
minimum elong	-4357 Jun 11 j 03:16	13°♉40'40	1°36'37
max. Earth dist.	-4357 Jun 16 j 02:30	23°♉31'36	1.36278 AU
	-4357 Jun 19 j 12:20	0°♊	
evening rise	-4357 Jun 20 j 06:03	1°♊22'08	
	-4357 Jul 07 j 11:13	0°♋	
desc. node	-4357 Jul 12 j 01:17	6°♋36'38	
evening max el	-4357 Jul 25 j 23:55	23°♋29'32	26°05'04
	-4357 Aug 04 j 03:31	0°♌	
retrograde	-4357 Aug 07 j 12:29	0°♌38'47	
	-4357 Aug 10 j 16:12	30°℞♋	
evening set	-4357 Aug 13 j 19:43	27°♋58'53	
min. Earth dist.	-4357 Aug 18 j 00:52	23°♋24'20	0.66409 AU
inferior conj	-4357 Aug 19 j 08:49	21°♋43'57	-2°-13'-33
minimum elong	-4357 Aug 19 j 11:47	21°♋34'39	2°12'18
morning rise	-4357 Aug 25 j 04:34	15°♋49'12	
asc. node	-4357 Aug 26 j 07:38	15°♋15'34	
direct	-4357 Aug 28 j 08:13	14°♋51'58	
morning max el	-4357 Sep 04 j 07:34	18°♋48'47	19°03'51
	-4357 Sep 12 j 21:17	0°♌	
morning set	-4357 Sep 26 j 14:05	21°♌18'07	
	-4357 Oct 02 j 02:33	0°♍	
desc. node	-4357 Oct 08 j 00:54	9°♍20'08	
max. Earth dist.	-4357 Oct 11 j 12:25	14°♍49'11	1.44701 AU
superior conj	-4357 Oct 13 j 01:34	17°♍15'53	0°-31'-26
minimum elong	-4357 Oct 12 j 21:34	17°♍00'05	0°30'52
	-4357 Oct 21 j 01:38	0°♎	
evening rise	-4357 Oct 28 j 10:00	11°♎52'50	
	-4357 Nov 08 j 14:55	0°♏	
evening max el	-4357 Nov 17 j 17:18	12°♏22'44	18°41'15
asc. node	-4357 Nov 22 j 06:24	15°♏42'44	
retrograde	-4357 Nov 24 j 10:24	16°♏08'30	
evening set	-4357 Nov 27 j 10:12	15°♏18'02	
inferior conj	-4357 Dec 03 j 08:35	9°♏36'28	3°12'31
minimum elong	-4357 Dec 03 j 05:23	9°♏46'03	3°11'36
min. Earth dist.	-4357 Dec 05 j 03:58	7°♏26'45	0.64869 AU
morning rise	-4357 Dec 08 j 23:27	3°♏29'42	
direct	-4357 Dec 15 j 16:55	0°♏39'48	
morning max el	-4357 Dec 28 j 22:09	8°♏16'53	27°04'01
desc. node	-4356 Jan 04 j 00:48	15°♏05'06	
	-4356 Jan 14 j 22:20	0°♐	
	-4356 Feb 01 j 12:50	0°♑	
morning set	-4356 Feb 02 j 11:02	1°♑46'37	
max. Earth dist.	-4356 Feb 07 j 02:35	11°♑00'17	1.34220 AU
superior conj	-4356 Feb 10 j 17:29	18°♑29'24	-1°-10'-58
minimum elong	-4356 Feb 10 j 20:19	18°♑44'17	1°10'45
	-4356 Feb 16 j 04:16	0°♒	
evening rise	-4356 Feb 18 j 03:43	4°♒08'45	
asc. node	-4356 Feb 18 j 05:33	4°♒18'15	
	-4356 Mar 03 j 16:22	0°♓	
evening max el	-4356 Mar 09 j 13:53	6°♓50'55	21°41'42
retrograde	-4356 Mar 21 j 19:31	12°♓44'24	
evening set	-4356 Mar 24 j 11:31	12°♓28'27	
desc. node	-4356 Mar 31 j 23:45	9°♓26'17	
inferior conj	-4356 Apr 02 j 18:48	8°♓26'19	0°-29'-43
minimum elong	-4356 Apr 02 j 17:25	8°♓28'17	0°29'21
min. Earth dist.	-4356 Apr 02 j 18:13	8°♓27'09	0.55189 AU
morning rise	-4356 Apr 11 j 23:47	4°♓24'57	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4356 Apr 14 j 19:39	4°♓07'15	
morning max el	-4356 Apr 27 j 02:58	9°♓58'20	21°47'51
	-4356 May 11 j 08:11	0°♈	
asc. node	-4356 May 16 j 05:17	9°♈27'50	
morning set	-4356 May 17 j 20:13	12°♈47'24	
superior conj	-4356 May 25 j 05:40	28°♈18'52	1°21'14
minimum elong	-4356 May 25 j 02:57	28°♈04'43	1°20'58
	-4356 May 26 j 01:05	0°♉	
max. Earth dist.	-4356 May 28 j 17:15	5°♉29'51	1.34828 AU
evening rise	-4356 Jun 02 j 10:20	14°♉49'28	
	-4356 Jun 10 j 18:14	0°♊	
desc. node	-4356 Jun 27 j 22:22	25°♊59'51	
	-4356 Jul 01 j 03:01	0°♋	
evening max el	-4356 Jul 07 j 11:19	6°♋56'25	26°56'38
retrograde	-4356 Jul 20 j 15:06	14°♋17'00	
evening set	-4356 Jul 27 j 10:36	11°♋30'01	
min. Earth dist.	-4356 Jul 31 j 08:05	7°♋34'25	0.65397 AU
inferior conj	-4356 Aug 02 j 05:15	5°♋22'45	-2°-59'-43
minimum elong	-4356 Aug 02 j 08:52	5°♋12'12	2°58'28
	-4356 Aug 07 j 19:35	30°℞♊	
morning rise	-4356 Aug 08 j 08:18	29°♊42'01	
direct	-4356 Aug 11 j 04:59	28°♊56'53	
asc. node	-4356 Aug 12 j 04:43	29°♊02'15	
	-4356 Aug 14 j 15:45	0°♋	
morning max el	-4356 Aug 17 j 19:22	2°♋33'56	18°24'06
	-4356 Sep 05 j 04:59	0°♌	
morning set	-4356 Sep 06 j 02:46	1°♌29'16	
superior conj	-4356 Sep 21 j 01:17	25°♌33'10	0°18'01
minimum elong	-4356 Sep 21 j 03:35	25°♌42'16	0°17'51
max. Earth dist.	-4356 Sep 23 j 06:50	29°♌04'51	1.44759 AU
desc. node	-4356 Sep 23 j 21:49	0°♍03'58	
	-4356 Sep 23 j 20:49	0°♍	
evening rise	-4356 Oct 07 j 15:03	21°♍36'23	
	-4356 Oct 12 j 23:36	0°♎	
greatest brilliancy	-4356 Oct 21 j 13:24	13°♎12'22	-0.7m
evening max el	-4356 Oct 31 j 02:19	25°♎49'04	19°23'54
retrograde	-4356 Nov 07 j 06:19	29°♎57'21	
asc. node	-4356 Nov 08 j 03:32	29°♎52'50	
evening set	-4356 Nov 10 j 13:11	28°♎54'23	
inferior conj	-4356 Nov 16 j 05:33	22°♎58'02	2°31'35
minimum elong	-4356 Nov 16 j 02:35	23°♎07'35	2°30'33
min. Earth dist.	-4356 Nov 17 j 11:14	21°♎22'47	0.65998 AU
morning rise	-4356 Nov 21 j 15:11	16°♎44'53	
direct	-4356 Nov 27 j 20:05	14°♎03'29	
morning max el	-4356 Dec 10 j 07:43	21°♎23'35	26°03'47
	-4356 Dec 17 j 20:41	0°♏	
desc. node	-4356 Dec 20 j 21:47	3°♏57'27	
	-4355 Jan 07 j 02:54	0°♐	
morning set	-4355 Jan 15 j 11:30	14°♐45'25	
max. Earth dist.	-4355 Jan 19 j 12:17	22°♐23'59	1.35614 AU
	-4355 Jan 23 j 08:39	0°♑	
superior conj	-4355 Jan 24 j 14:25	2°♑30'19	-1°-31'-1
minimum elong	-4355 Jan 24 j 17:30	2°♑45'58	1°30'53
evening rise	-4355 Feb 01 j 10:51	18°♑39'00	
asc. node	-4355 Feb 04 j 02:35	24°♑00'29	
	-4355 Feb 07 j 05:12	0°♒	
evening max el	-4355 Feb 19 j 19:33	18°♒11'32	20°21'20
retrograde	-4355 Mar 02 j 10:14	23°♒13'51	
evening set	-4355 Mar 04 j 18:23	23°♒00'12	
inferior conj	-4355 Mar 13 j 15:53	19°♒01'35	1°24'34
minimum elong	-4355 Mar 13 j 19:27	18°♒56'19	1°23'16
min. Earth dist.	-4355 Mar 15 j 08:14	18°♒02'00	0.55514 AU
desc. node	-4355 Mar 18 j 20:53	16°♒07'26	
morning rise	-4355 Mar 22 j 18:16	14°♒39'30	

direct	-4355 Mar 26 j 09:33	14°♒10'40	
morning max el	-4355 Apr 08 j 22:27	20°♒50'04	23°24'46
	-4355 Apr 16 j 17:20	0°♓	
morning set	-4355 May 02 j 07:48	27°♓47'24	
asc. node	-4355 May 03 j 02:15	29°♓24'18	
	-4355 May 03 j 09:01	0°♈	
superior conj	-4355 May 09 j 11:39	13°♈04'42	1°01'51
minimum elong	-4355 May 09 j 09:16	12°♈51'55	1°01'29
max. Earth dist.	-4355 May 11 j 17:52	17°♈52'47	1.33746 AU
evening rise	-4355 May 17 j 02:53	28°♈55'27	
	-4355 May 17 j 15:53	0°♉	
	-4355 Jun 03 j 21:31	0°♊	
desc. node	-4355 Jun 14 j 19:29	14°♊39'50	
evening max el	-4355 Jun 19 j 22:07	20°♊07'41	27°23'04
retrograde	-4355 Jul 03 j 12:14	27°♊32'17	
evening set	-4355 Jul 10 j 14:57	24°♊49'26	
min. Earth dist.	-4355 Jul 14 j 06:34	21°♊29'31	0.64001 AU
inferior conj	-4355 Jul 16 j 17:52	18°♊52'31	-3°-38'-44
minimum elong	-4355 Jul 16 j 21:28	18°♊42'59	3°37'48
morning rise	-4355 Jul 23 j 05:44	13°♊28'58	
direct	-4355 Jul 25 j 21:36	12°♊53'08	
asc. node	-4355 Jul 30 j 01:48	14°♊20'40	
morning max el	-4355 Aug 01 j 09:55	16°♊19'14	18°01'37
	-4355 Aug 11 j 03:29	0°♋	
morning set	-4355 Aug 18 j 17:52	12°♋55'40	
	-4355 Aug 28 j 20:26	0°♌	
superior conj	-4355 Aug 31 j 16:05	4°♌37'48	1°01'18
minimum elong	-4355 Aug 31 j 21:52	5°♌01'21	1°00'48
max. Earth dist.	-4355 Sep 05 j 23:40	13°♌12'28	1.44097 AU
desc. node	-4355 Sep 10 j 18:46	20°♌48'04	
evening rise	-4355 Sep 16 j 23:53	0°♍28'40	
	-4355 Sep 16 j 16:28	0°♍	
	-4355 Oct 06 j 18:42	0°♎	
greatest brilliancy	-4355 Oct 07 j 17:16	1°♎17'09	-0.6m
evening max el	-4355 Oct 14 j 06:14	9°♎15'23	20°21'40
retrograde	-4355 Oct 22 j 03:38	13°♎54'00	
evening set	-4355 Oct 25 j 19:43	12°♎35'59	
asc. node	-4355 Oct 26 j 00:42	12°♎26'53	
inferior conj	-4355 Oct 31 j 07:46	6°♎28'18	1°44'32
minimum elong	-4355 Oct 31 j 05:31	6°♎35'52	1°43'39
min. Earth dist.	-4355 Nov 01 j 01:20	5°♎29'13	0.66781 AU
morning rise	-4355 Nov 05 j 14:48	0°♎11'24	
	-4355 Nov 05 j 20:05	30°℞♍	
direct	-4355 Nov 11 j 04:48	27°♍46'28	
	-4355 Nov 17 j 06:48	0°♎	
morning max el	-4355 Nov 22 j 16:37	4°♎36'59	24°45'50
desc. node	-4355 Dec 07 j 18:44	23°♎27'31	
	-4355 Dec 12 j 06:26	0°♏	
morning set	-4355 Dec 28 j 16:55	26°♏42'41	
	-4355 Dec 30 j 13:15	0°♐	
max. Earth dist.	-4354 Jan 01 j 11:46	3°♐31'05	1.37411 AU
superior conj	-4354 Jan 08 j 01:13	15°♐55'40	-1°-46'-9
minimum elong	-4354 Jan 08 j 03:40	16°♐07'38	1°46'12
	-4354 Jan 15 j 03:16	0°♑	
evening rise	-4354 Jan 16 j 12:39	2°♑46'48	
asc. node	-4354 Jan 21 j 23:38	13°♑21'21	
	-4354 Feb 02 j 08:33	0°♒	
evening max el	-4354 Feb 02 j 11:45	0°♒07'42	19°18'30
retrograde	-4354 Feb 11 j 11:54	4°♒24'58	
evening set	-4354 Feb 13 j 20:23	4°♒08'42	
inferior conj	-4354 Feb 22 j 01:57	29°♑59'09	2°54'05
minimum elong	-4354 Feb 22 j 06:59	29°♑50'43	2°52'41
	-4354 Feb 22 j 01:27	30°℞♑	
min. Earth dist.	-4354 Feb 24 j 23:12	28°♑03'55	0.56688 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4354 Mar 02 j 13:51	25°♉07'05	
desc. node	-4354 Mar 05 j 18:01	24°♉19'30	
direct	-4354 Mar 07 j 10:09	24°♉12'57	
	-4354 Mar 20 j 00:03	0°♒	
morning max el	-4354 Mar 21 j 13:34	1°♒25'58	25°02'21
	-4354 Apr 10 j 09:47	0°♓	
morning set	-4354 Apr 16 j 20:05	12°♓50'23	
asc. node	-4354 Apr 19 j 23:14	19°♓31'01	
superior conj	-4354 Apr 23 j 21:20	28°♓01'49	0°39'44
minimum elong	-4354 Apr 23 j 19:40	27°♓52'45	0°39'24
	-4354 Apr 24 j 19:07	0°♈	
max. Earth dist.	-4354 Apr 25 j 02:03	0°♈37'31	1.33025 AU
evening rise	-4354 May 01 j 03:54	13°♈27'21	
	-4354 May 09 j 19:03	0°♉	
	-4354 May 30 j 11:24	0°♊	
desc. node	-4354 Jun 01 j 16:38	2°♊17'36	
evening max el	-4354 Jun 02 j 06:11	2°♊50'29	27°18'59
retrograde	-4354 Jun 16 j 03:14	10°♊14'39	
evening set	-4354 Jun 23 j 05:01	7°♊50'09	
min. Earth dist.	-4354 Jun 26 j 19:21	4°♊56'43	0.62244 AU
inferior conj	-4354 Jun 29 j 19:40	2°♊06'14	-4°-6'-31
minimum elong	-4354 Jun 29 j 22:09	2°♊00'21	4°06'05
	-4354 Jul 02 j 03:05	30°℞♉	
morning rise	-4354 Jul 06 j 17:49	27°♉02'32	
direct	-4354 Jul 09 j 06:46	26°♉33'44	
morning max el	-4354 Jul 16 j 00:26	29°♉58'09	17°57'20
	-4354 Jul 16 j 01:12	0°♊	
asc. node	-4354 Jul 16 j 22:51	0°♊56'08	
morning set	-4354 Aug 01 j 06:32	25°♊23'43	
	-4354 Aug 03 j 20:02	0°♋	
superior conj	-4354 Aug 12 j 09:42	15°♋02'13	1°30'50
minimum elong	-4354 Aug 12 j 14:33	15°♋22'59	1°30'38
max. Earth dist.	-4354 Aug 19 j 11:49	26°♋53'16	1.42809 AU
	-4354 Aug 21 j 09:46	0°♌	
evening rise	-4354 Aug 27 j 04:36	9°♌12'03	
desc. node	-4354 Aug 28 j 15:46	11°♌29'17	
	-4354 Sep 09 j 21:56	0°♍	
greatest brilliancy	-4354 Sep 22 j 02:35	16°♍51'33	-0.4m
evening max el	-4354 Sep 27 j 04:01	22°♍41'03	21°31'50
retrograde	-4354 Oct 06 j 00:10	27°♍55'51	
evening set	-4354 Oct 10 j 03:44	26°♍20'15	
asc. node	-4354 Oct 12 j 21:50	23°♍33'37	
inferior conj	-4354 Oct 15 j 13:06	20°♍04'56	0°53'36
minimum elong	-4354 Oct 15 j 11:53	20°♍09'07	0°53'08
min. Earth dist.	-4354 Oct 15 j 19:50	19°♍41'42	0.67245 AU
morning rise	-4354 Oct 20 j 19:43	13°♍47'12	
direct	-4354 Oct 25 j 18:25	11°♍42'47	
morning max el	-4354 Nov 05 j 02:07	17°♍52'49	23°20'02
greatest brilliancy	-4354 Nov 10 j 14:10	24°♍06'23	-0.2m
	-4354 Nov 15 j 04:05	0°♎	
desc. node	-4354 Nov 24 j 15:41	13°♎24'31	
	-4354 Dec 05 j 09:16	0°♏	
morning set	-4354 Dec 09 j 21:08	7°♏23'00	
max. Earth dist.	-4354 Dec 14 j 07:22	14°♏55'54	1.39455 AU
superior conj	-4354 Dec 21 j 21:42	28°♏34'49	-1°-53'-43
minimum elong	-4354 Dec 21 j 22:16	28°♏37'30	1°53'53
	-4354 Dec 22 j 16:01	0°♐	
evening rise	-4354 Dec 31 j 06:31	16°♐25'43	
	-4353 Jan 07 j 13:22	0°♑	
asc. node	-4353 Jan 08 j 20:43	2°♑13'37	
evening max el	-4353 Jan 16 j 13:13	12°♑36'38	18°35'21
retrograde	-4353 Jan 24 j 07:13	16°♑22'57	
evening set	-4353 Jan 26 j 18:23	16°♑01'25	
inferior conj	-4353 Feb 03 j 07:42	11°♑32'42	3°45'59
minimum elong	-4353 Feb 03 j 10:48	11°♑26'41	3°45'22
min. Earth dist.	-4353 Feb 06 j 16:34	8°♑56'47	0.58450 AU
morning rise	-4353 Feb 10 j 23:36	6°♑14'19	
direct	-4353 Feb 17 j 00:11	4°♑42'54	
desc. node	-4353 Feb 20 j 15:07	5°♑15'20	
morning max el	-4353 Mar 03 j 06:17	12°♑13'25	26°25'42
	-4353 Mar 17 j 03:51	0°♒	
morning set	-4353 Apr 01 j 07:22	27°♒50'07	
	-4353 Apr 02 j 08:03	0°♓	
asc. node	-4353 Apr 06 j 20:13	9°♓43'26	
superior conj	-4353 Apr 08 j 08:49	13°♓03'32	0°15'50
minimum elong	-4353 Apr 08 j 08:07	12°♓59'45	0°15'37
behind sun begin	-4353 Apr 08 j 07:29	12°♓56'15	
behind sun end	-4353 Apr 08 j 08:46	13°♓03'14	
max. Earth dist.	-4353 Apr 08 j 14:38	13°♓35'20	1.32649 AU
evening rise	-4353 Apr 15 j 10:35	28°♓15'42	
	-4353 Apr 16 j 06:45	0°♈	
	-4353 May 03 j 05:13	0°♉	
evening max el	-4353 May 15 j 09:21	14°♉55'17	26°42'06
desc. node	-4353 May 19 j 13:46	18°♉27'17	
retrograde	-4353 May 29 j 10:41	22°♉15'40	
evening set	-4353 Jun 05 j 00:37	20°♉23'01	
min. Earth dist.	-4353 Jun 08 j 22:48	17°♉41'15	0.60249 AU
inferior conj	-4353 Jun 12 j 07:09	14°♉55'41	-4°-16'-41
minimum elong	-4353 Jun 12 j 07:08	14°♉55'41	4°16'34
morning rise	-4353 Jun 19 j 17:01	10°♉13'31	
direct	-4353 Jun 22 j 04:39	9°♉50'01	
morning max el	-4353 Jun 29 j 12:06	13°♉23'14	18°12'09
asc. node	-4353 Jul 03 j 19:54	18°♉33'08	
	-4353 Jul 10 j 19:12	0°♊	
morning set	-4353 Jul 15 j 11:23	8°♊39'37	
superior conj	-4353 Jul 25 j 05:33	26°♊44'42	1°45'58
minimum elong	-4353 Jul 25 j 07:41	26°♊54'19	1°46'05
	-4353 Jul 27 j 01:12	0°♋	
max. Earth dist.	-4353 Aug 01 j 18:22	9°♋55'09	1.41082 AU
evening rise	-4353 Aug 07 j 00:53	18°♋40'17	
	-4353 Aug 14 j 04:35	0°♌	
desc. node	-4353 Aug 15 j 12:46	2°♌03'35	
	-4353 Sep 04 j 10:08	0°♍	
greatest brilliancy	-4353 Sep 04 j 21:32	0°♍34'47	-0.3m
evening max el	-4353 Sep 09 j 20:00	6°♍06'22	22°50'18
retrograde	-4353 Sep 19 j 18:20	11°♍59'39	
evening set	-4353 Sep 24 j 11:24	10°♍04'34	
inferior conj	-4353 Sep 29 j 19:39	3°♍45'04	0°00'36
minimum elong	-4353 Sep 29 j 19:38	3°♍45'07	0°00'42
transit middle	-4353 Sep 29 j 19:38	3°♍45'07	0°00'42
transit begin	-4353 Sep 29 j 16:56	3°♍54'26	
transit end	-4353 Sep 29 j 22:20	3°♍35'49	
min. Earth dist.	-4353 Sep 29 j 16:08	3°♍57'11	0.67412 AU
asc. node	-4353 Sep 29 j 18:57	3°♍47'28	
	-4353 Oct 02 j 16:08	30°℞♌	
morning rise	-4353 Oct 05 j 03:48	27°♌29'46	
direct	-4353 Oct 09 j 12:04	25°♌46'47	
	-4353 Oct 17 j 09:42	0°♍	
morning max el	-4353 Oct 18 j 15:17	1°♍12'20	21°55'17
greatest brilliancy	-4353 Oct 23 j 12:26	6°♍46'22	-0.4m
	-4353 Nov 09 j 02:24	0°♎	
desc. node	-4353 Nov 11 j 12:37	3°♎40'03	
morning set	-4353 Nov 19 j 20:36	16°♎39'28	
max. Earth dist.	-4353 Nov 26 j 07:01	27°♎08'53	1.41478 AU
	-4353 Nov 27 j 23:53	0°♏	
superior conj	-4353 Dec 03 j 22:28	10°♏13'25	-1°-50'-20
minimum elong	-4353 Dec 03 j 19:49	10°♏01'47	1°50'22
evening rise	-4353 Dec 14 j 13:09	29°♏27'50	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4353 Dec 14 j 20:07	0°♐	
asc. node	-4353 Dec 26 j 17:47	20°♐27'42	
evening max el	-4353 Dec 30 j 21:16	25°♐30'02	18°12'16
retrograde	-4352 Jan 06 j 20:16	29°♐00'53	
evening set	-4352 Jan 09 j 10:03	28°♐32'48	
inferior conj	-4352 Jan 16 j 09:17	23°♐41'51	4°03'52
minimum elong	-4352 Jan 16 j 09:31	23°♐41'20	4°03'40
min. Earth dist.	-4352 Jan 19 j 15:00	20°♐48'11	0.60448 AU
morning rise	-4352 Jan 23 j 06:12	18°♐04'15	
direct	-4352 Jan 30 j 01:15	15°♐55'13	
desc. node	-4352 Feb 07 j 12:12	18°♐52'39	
morning max el	-4352 Feb 13 j 04:36	23°♐33'53	27°21'33
	-4352 Feb 19 j 00:15	0°♑	
	-4352 Mar 09 j 05:54	0°♒	
morning set	-4352 Mar 15 j 15:52	12°♒39'59	
max. Earth dist.	-4352 Mar 22 j 03:56	26°♒33'35	1.32607 AU
superior conj	-4352 Mar 22 j 20:26	28°♒03'40	0°-9'-1
minimum elong	-4352 Mar 22 j 20:50	28°♒05'54	0°09'03
behind sun begin	-4352 Mar 22 j 16:42	27°♒43'14	
behind sun end	-4352 Mar 23 j 00:59	28°♒28'34	
asc. node	-4352 Mar 23 j 17:12	29°♒57'14	
	-4352 Mar 23 j 17:43	0°♓	
evening rise	-4352 Mar 29 j 20:39	13°♓12'25	
	-4352 Apr 07 j 10:19	0°♈	
evening max el	-4352 Apr 26 j 06:22	26°♈18'57	25°35'21
	-4352 Apr 30 j 16:39	0°♉	
desc. node	-4352 May 05 j 10:53	2°♉35'14	
retrograde	-4352 May 10 j 08:21	3°♉31'40	
evening set	-4352 May 15 j 22:49	2°♉17'14	
	-4352 May 20 j 01:20	30°♈℞	
min. Earth dist.	-4352 May 20 j 18:49	29°♈30'36	0.58236 AU
inferior conj	-4352 May 24 j 00:45	27°♈11'47	-4°00'-14
minimum elong	-4352 May 23 j 21:19	27°♈17'57	3°59'44
morning rise	-4352 May 31 j 23:49	22°♈51'08	
direct	-4352 Jun 03 j 10:59	22°♈31'51	
morning max el	-4352 Jun 11 j 18:04	26°♈26'20	18°46'57
	-4352 Jun 14 j 23:15	0°♉	
asc. node	-4352 Jun 19 j 16:55	6°♉58'10	
morning set	-4352 Jun 28 j 04:05	22°♉32'54	
	-4352 Jul 01 j 23:38	0°♊	
superior conj	-4352 Jul 06 j 22:28	9°♊32'00	1°49'08
minimum elong	-4352 Jul 06 j 22:07	9°♊30'20	1°49'19
max. Earth dist.	-4352 Jul 13 j 20:55	22°♊16'19	1.39150 AU
evening rise	-4352 Jul 17 j 22:56	29°♊23'23	
	-4352 Jul 18 j 07:32	0°♋	
desc. node	-4352 Aug 01 j 09:47	22°♋27'00	
	-4352 Aug 06 j 14:38	0°♌	
evening max el	-4352 Aug 22 j 08:03	19°♌33'46	24°11'02
retrograde	-4352 Sep 02 j 09:00	26°♌03'03	
evening set	-4352 Sep 07 j 17:01	23°♌48'06	
min. Earth dist.	-4352 Sep 12 j 11:50	18°♌14'51	0.67280 AU
inferior conj	-4352 Sep 13 j 01:45	17°♌27'49	0°-52'-45
minimum elong	-4352 Sep 13 j 02:58	17°♌23'40	0°52'06
asc. node	-4352 Sep 15 j 16:04	14°♌06'20	
morning rise	-4352 Sep 18 j 13:08	11°♌18'07	
direct	-4352 Sep 22 j 08:35	9°♌55'15	
morning max el	-4352 Sep 30 j 11:01	14°♌39'58	20°38'30
greatest brilliancy	-4352 Oct 06 j 15:36	22°♌03'53	-0.5m
	-4352 Oct 12 j 08:33	0°♍	
desc. node	-4352 Oct 28 j 09:33	24°♍08'43	
morning set	-4352 Oct 28 j 22:28	24°♍58'48	
	-4352 Nov 01 j 03:34	0°♎	
max. Earth dist.	-4352 Nov 07 j 14:20	10°♎16'14	1.43181 AU
superior conj	-4352 Nov 13 j 21:56	20°♎38'11	-1°-32'-17
minimum elong	-4352 Nov 13 j 15:52	20°♎12'53	1°31'51
	-4352 Nov 19 j 10:41	0°♏	
evening rise	-4352 Nov 26 j 04:36	11°♏45'19	
	-4352 Dec 06 j 20:20	0°♐	
asc. node	-4352 Dec 12 j 14:52	7°♐52'23	
evening max el	-4352 Dec 13 j 09:01	8°♐40'05	18°08'49
retrograde	-4352 Dec 19 j 23:17	12°♐08'44	
evening set	-4352 Dec 22 j 15:54	11°♐33'13	
inferior conj	-4352 Dec 29 j 03:39	6°♐20'37	3°56'37
minimum elong	-4352 Dec 29 j 01:43	6°♐25'34	3°56'15
min. Earth dist.	-4352 Dec 31 j 21:49	3°♐31'52	0.62377 AU
morning rise	-4351 Jan 04 j 09:35	0°♐28'52	
	-4351 Jan 05 j 02:04	30°℞♏	
direct	-4351 Jan 11 j 11:08	27°♏52'28	
	-4351 Jan 18 j 08:24	0°♐	
desc. node	-4351 Jan 24 j 09:15	4°♐38'11	
morning max el	-4351 Jan 25 j 09:06	5°♐35'20	27°42'15
	-4351 Feb 12 j 20:30	0°♑	
morning set	-4351 Feb 27 j 19:26	27°♑12'09	
	-4351 Mar 01 j 04:16	0°♒	
max. Earth dist.	-4351 Mar 05 j 14:04	9°♒17'46	1.32918 AU
superior conj	-4351 Mar 07 j 06:31	12°♒55'53	0°-33'-56
minimum elong	-4351 Mar 07 j 08:01	13°♒04'02	0°33'49
asc. node	-4351 Mar 10 j 14:10	20°♒08'00	
evening rise	-4351 Mar 14 j 08:12	28°♒09'54	
	-4351 Mar 15 j 05:14	0°♓	
	-4351 Apr 01 j 15:03	0°♈	
evening max el	-4351 Apr 07 j 22:42	7°♈10'06	24°07'57
retrograde	-4351 Apr 21 j 18:17	14°♈05'53	
desc. node	-4351 Apr 22 j 08:01	14°♈05'08	
evening set	-4351 Apr 26 j 01:27	13°♈24'43	
min. Earth dist.	-4351 May 02 j 10:24	10°♈19'07	0.56514 AU
inferior conj	-4351 May 04 j 22:11	8°♈46'02	-3°-7'-17
minimum elong	-4351 May 04 j 16:25	8°♈55'04	3°05'54
morning rise	-4351 May 13 j 11:20	4°♈42'57	
direct	-4351 May 15 j 22:28	4°♈26'52	
morning max el	-4351 May 25 j 15:34	8°♈57'26	19°42'15
asc. node	-4351 Jun 06 j 13:55	25°♈59'04	
	-4351 Jun 08 j 17:09	0°♉	
morning set	-4351 Jun 12 j 05:09	6°♉53'45	
superior conj	-4351 Jun 20 j 06:50	23°♉07'40	1°43'14
minimum elong	-4351 Jun 20 j 04:54	22°♉58'04	1°43'16
	-4351 Jun 23 j 19:26	0°♊	
max. Earth dist.	-4351 Jun 25 j 23:36	4°♊07'21	1.37259 AU
evening rise	-4351 Jun 29 j 22:01	11°♊20'40	
	-4351 Jul 10 j 23:12	0°♋	
desc. node	-4351 Jul 19 j 06:48	12°♋33'20	
	-4351 Aug 01 j 20:23	0°♌	
evening max el	-4351 Aug 04 j 18:35	3°♌03'24	25°26'48
retrograde	-4351 Aug 16 j 19:32	10°♌01'23	
evening set	-4351 Aug 22 j 18:41	7°♌28'51	
min. Earth dist.	-4351 Aug 27 j 04:30	2°♌32'28	0.66827 AU
inferior conj	-4351 Aug 28 j 05:37	1°♌10'57	-1°-44'-51
minimum elong	-4351 Aug 28 j 08:00	1°♌03'12	1°43'46
	-4351 Aug 29 j 03:40	30°℞♋	
morning rise	-4351 Sep 02 j 21:53	25°♋10'03	
asc. node	-4351 Sep 02 j 13:11	25°♋24'55	
direct	-4351 Sep 06 j 06:36	24°♋04'32	
morning max el	-4351 Sep 13 j 14:03	28°♋16'21	19°34'09
	-4351 Sep 15 j 04:11	0°♌	
greatest brilliancy	-4351 Sep 22 j 10:20	9°♌38'34	-0.7m
	-4351 Oct 05 j 19:20	0°♍	
morning set	-4351 Oct 07 j 23:31	3°♍22'48	
desc. node	-4351 Oct 15 j 06:30	14°♍46'01	
max. Earth dist.	-4351 Oct 21 j 04:00	24°♍03'45	1.44332 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4351 Oct 24 j 17:55	29°♍46'03	0°-57'-39
minimum elong	-4351 Oct 24 j 11:34	29°♍20'35	0°56'54
	-4351 Oct 24 j 21:25	0°♎	
evening rise	-4351 Nov 08 j 00:11	23°♎08'37	
	-4351 Nov 12 j 02:20	0°♏	
evening max el	-4351 Nov 26 j 21:41	22°♏00'15	18°24'16
asc. node	-4351 Nov 29 j 11:57	24°♏13'44	
retrograde	-4351 Dec 03 j 11:46	25°♏37'28	
evening set	-4351 Dec 06 j 08:21	24°♏53'08	
inferior conj	-4351 Dec 12 j 11:01	19°♏21'17	3°32'11
minimum elong	-4351 Dec 12 j 08:01	19°♏29'52	3°31'26
min. Earth dist.	-4351 Dec 14 j 14:46	16°♏54'07	0.64047 AU
morning rise	-4351 Dec 18 j 06:15	13°♏18'57	
direct	-4351 Dec 25 j 04:36	10°♏29'46	
morning max el	-4350 Jan 07 j 17:43	18°♏12'11	27°27'14
desc. node	-4350 Jan 11 j 06:17	21°♏56'56	
	-4350 Jan 17 j 17:59	0°♐	
	-4350 Feb 05 j 16:28	0°♑	
morning set	-4350 Feb 11 j 15:29	11°♑17'57	
max. Earth dist.	-4350 Feb 16 j 17:03	21°♑34'54	1.33619 AU
superior conj	-4350 Feb 19 j 13:17	27°♑34'15	0°-57'-59
minimum elong	-4350 Feb 19 j 15:44	27°♑47'17	0°57'45
	-4350 Feb 20 j 16:38	0°♒	
asc. node	-4350 Feb 25 j 11:10	10°♒11'43	
evening rise	-4350 Feb 26 j 19:29	13°♒01'58	
	-4350 Mar 07 j 12:59	0°♓	
evening max el	-4350 Mar 20 j 15:50	17°♓53'51	22°33'43
retrograde	-4350 Apr 02 j 16:09	24°♓15'21	
evening set	-4350 Apr 05 j 18:37	23°♓54'12	
desc. node	-4350 Apr 09 j 05:08	22°♓46'05	
min. Earth dist.	-4350 Apr 14 j 00:44	20°♓17'19	0.55424 AU
inferior conj	-4350 Apr 15 j 01:52	19°♓41'24	-1°-35'-12
minimum elong	-4350 Apr 14 j 21:43	19°♓47'20	1°33'55
morning rise	-4350 Apr 24 j 03:03	15°♓44'14	
direct	-4350 Apr 26 j 17:00	15°♓28'49	
morning max el	-4350 May 08 j 02:39	20°♓49'10	20°57'08
	-4350 May 15 j 15:34	0°♈	
asc. node	-4350 May 24 j 10:55	15°♈27'02	
morning set	-4350 May 27 j 11:56	21°♈34'43	
	-4350 May 31 j 13:26	0°♉	
superior conj	-4350 Jun 04 j 02:10	7°♉18'34	1°30'42
minimum elong	-4350 Jun 03 j 23:31	7°♉05'02	1°30'33
max. Earth dist.	-4350 Jun 08 j 08:29	15°♉54'35	1.35616 AU
evening rise	-4350 Jun 12 j 17:13	24°♉19'44	
	-4350 Jun 15 j 19:01	0°♊	
	-4350 Jul 04 j 12:35	0°♋	
desc. node	-4350 Jul 06 j 03:51	2°♋15'05	
evening max el	-4350 Jul 18 j 05:28	16°♋32'55	26°29'33
retrograde	-4350 Jul 31 j 01:22	23°♋48'55	
evening set	-4350 Aug 06 j 14:15	21°♋04'35	
min. Earth dist.	-4350 Aug 10 j 15:53	16°♋46'47	0.66023 AU
inferior conj	-4350 Aug 12 j 05:24	14°♋52'19	-2°-33'-50
minimum elong	-4350 Aug 12 j 08:42	14°♋42'14	2°32'33
morning rise	-4350 Aug 18 j 04:05	9°♋03'16	
asc. node	-4350 Aug 20 j 10:18	8°♋14'58	
direct	-4350 Aug 21 j 04:22	8°♋11'45	
morning max el	-4350 Aug 27 j 23:16	11°♋59'21	18°44'53
	-4350 Sep 09 j 20:13	0°♌	
morning set	-4350 Sep 17 j 20:29	12°♌47'32	
	-4350 Sep 28 j 16:13	0°♍	
desc. node	-4350 Oct 02 j 03:24	5°♍28'10	
superior conj	-4350 Oct 03 j 19:11	8°♍04'54	0°-10'-28
minimum elong	-4350 Oct 03 j 17:49	7°♍59'29	0°10'13
behind sun begin	-4350 Oct 03 j 08:48	7°♍23'58	
behind sun end	-4350 Oct 04 j 02:49	8°♍35'01	
max. Earth dist.	-4350 Oct 03 j 21:04	8°♍12'20	1.44807 AU
	-4350 Oct 17 j 15:28	0°♎	
evening rise	-4350 Oct 19 j 19:37	3°♎28'20	
	-4350 Nov 05 j 21:56	0°♏	
evening max el	-4350 Nov 10 j 08:42	5°♏25'04	18°57'29
asc. node	-4350 Nov 16 j 09:06	9°♏15'33	
retrograde	-4350 Nov 17 j 05:49	9°♏19'45	
evening set	-4350 Nov 20 j 08:15	8°♏24'27	
inferior conj	-4350 Nov 26 j 03:52	2°♏36'20	2°56'07
minimum elong	-4350 Nov 26 j 00:41	2°♏46'10	2°55'06
min. Earth dist.	-4350 Nov 27 j 17:19	0°♏40'32	0.65385 AU
	-4350 Nov 28 j 06:44	30°℞♎	
morning rise	-4350 Dec 01 j 16:06	26°♎26'19	
direct	-4350 Dec 08 j 04:39	23°♎38'30	
	-4350 Dec 19 j 22:10	0°♏	
morning max el	-4350 Dec 21 j 03:25	1°♏10'52	26°41'11
desc. node	-4350 Dec 29 j 03:17	10°♏20'42	
	-4349 Jan 11 j 19:21	0°♐	
morning set	-4349 Jan 26 j 00:23	24°♐44'51	
	-4349 Jan 28 j 17:41	0°♑	
max. Earth dist.	-4349 Jan 30 j 09:10	3°♑15'12	1.34753 AU
superior conj	-4349 Feb 03 j 14:33	11°♑50'50	-1°-19'-57
minimum elong	-4349 Feb 03 j 17:35	12°♑06'30	1°19'44
evening rise	-4349 Feb 11 j 04:38	27°♑41'23	
asc. node	-4349 Feb 12 j 08:11	0°♒02'58	
	-4349 Feb 12 j 07:36	0°♒	
evening max el	-4349 Mar 02 j 15:55	28°♒56'15	21°05'41
	-4349 Mar 03 j 20:09	0°♓	
retrograde	-4349 Mar 14 j 06:00	4°♓27'59	
evening set	-4349 Mar 16 j 16:53	4°♓14'00	
inferior conj	-4349 Mar 25 j 21:18	0°♓15'41	0°20'01
minimum elong	-4349 Mar 25 j 22:13	0°♓14'23	0°19'36
	-4349 Mar 26 j 08:20	30°℞♒	
min. Earth dist.	-4349 Mar 26 j 15:04	29°♒50'26	0.55214 AU
desc. node	-4349 Mar 27 j 02:17	29°♒34'33	
morning rise	-4349 Apr 04 j 02:41	26°♒06'54	
direct	-4349 Apr 07 j 05:07	25°♒45'53	
	-4349 Apr 17 j 19:43	0°♓	
morning max el	-4349 Apr 20 j 03:02	1°♓59'35	22°28'03
	-4349 May 08 j 17:54	0°♈	
asc. node	-4349 May 11 j 07:54	5°♈14'31	
morning set	-4349 May 11 j 22:18	6°♈29'09	
superior conj	-4349 May 19 j 05:01	21°♈53'49	1°13'25
minimum elong	-4349 May 19 j 02:23	21°♈39'55	1°13'06
max. Earth dist.	-4349 May 22 j 03:18	28°♈01'23	1.34324 AU
	-4349 May 23 j 02:21	0°♉	
evening rise	-4349 May 27 j 03:16	8°♉05'13	
	-4349 Jun 08 j 07:53	0°♊	
desc. node	-4349 Jun 23 j 00:56	21°♊21'44	
evening max el	-4349 Jun 30 j 16:53	29°♊54'51	27°11'23
	-4349 Jun 30 j 19:01	0°♋	
retrograde	-4349 Jul 14 j 01:57	7°♋18'21	
evening set	-4349 Jul 21 j 01:06	4°♋31'45	
min. Earth dist.	-4349 Jul 24 j 19:48	0°♋51'44	0.64844 AU
	-4349 Jul 25 j 14:24	30°℞♊	
inferior conj	-4349 Jul 26 j 22:53	28°♊28'17	-3°-17'-23
minimum elong	-4349 Jul 27 j 02:35	28°♊17'50	3°16'14
morning rise	-4349 Aug 02 j 05:29	22°♊54'17	
direct	-4349 Aug 04 j 23:46	22°♊13'31	
asc. node	-4349 Aug 07 j 07:24	22°♊42'01	
morning max el	-4349 Aug 11 j 12:33	25°♊45'13	18°12'18
	-4349 Aug 15 j 02:18	0°♋	
morning set	-4349 Aug 29 j 20:54	23°♋32'10	
	-4349 Sep 02 j 18:10	0°♌	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4349 Sep	12 j 23:01	16°♌36'04	0°37'46			-4348 Aug	25 j 07:39	0°♌		
minimum elong	-4349 Sep	13 j 03:24	16°♌53'34	0°37'21	max. Earth dist.	-4348 Aug	29 j 06:20	6°♌24'58	1.43622 AU		
max. Earth dist.	-4349 Sep	16 j 14:48	22°♌25'24	1.44559 AU	desc. node	-4348 Sep	04 j 21:19	16°♌55'48			
desc. node	-4349 Sep	19 j 00:21	26°♌12'37		evening rise	-4348 Sep	07 j 19:26	21°♌28'42			
	-4349 Sep	21 j 10:13	0°♍			-4348 Sep	13 j 08:46	0°♍			
evening rise	-4349 Sep	29 j 14:50	12°♍46'40		greatest brilliancy	-4348 Sep	30 j 22:44	25°♍27'17	-0.5m		
	-4349 Oct	10 j 19:08	0°♎			-4348 Oct	04 j 14:48	0°♎			
greatest brilliancy	-4349 Oct	16 j 17:58	8°♎48'41	-0.6m	evening max el	-4348 Oct	06 j 17:17	2°♎18'08	20°50'14		
evening max el	-4349 Oct	24 j 15:49	18°♎51'55	19°46'51	retrograde	-4348 Oct	14 j 23:34	7°♎10'59			
retrograde	-4349 Nov	01 j 02:30	23°♎12'03		evening set	-4348 Oct	18 j 20:22	5°♎45'39			
asc. node	-4349 Nov	03 j 06:15	22°♎45'02		asc. node	-4348 Oct	20 j 03:24	4°♎39'05			
evening set	-4349 Nov	04 j 13:00	22°♎03'07			-4348 Oct	23 j 23:35	30°℞♍			
inferior conj	-4349 Nov	10 j 03:21	16°♎01'49	2°12'14	inferior conj	-4348 Oct	24 j 07:06	29°♍34'26	1°23'15		
minimum elong	-4349 Nov	10 j 00:38	16°♎10'43	2°11'14	minimum elong	-4348 Oct	24 j 05:16	29°♍40'42	1°22'32		
min. Earth dist.	-4349 Nov	11 j 03:47	14°♎41'38	0.66374 AU	min. Earth dist.	-4348 Oct	24 j 19:55	28°♍50'48	0.67024 AU		
morning rise	-4349 Nov	15 j 11:35	9°♎46'48		morning rise	-4348 Oct	29 j 13:44	23°♍17'04			
direct	-4349 Nov	21 j 10:27	7°♎11'19		direct	-4348 Nov	03 j 21:17	21°♍00'35			
morning max el	-4349 Dec	03 j 12:26	14°♎20'17	25°32'08	morning max el	-4348 Nov	14 j 21:09	27°♍34'01	24°09'43		
desc. node	-4349 Dec	16 j 00:17	29°♎30'37			-4348 Nov	17 j 04:11	0°♎			
	-4349 Dec	16 j 08:49	0°♏		desc. node	-4348 Dec	01 j 21:16	19°♎13'05			
	-4348 Jan	04 j 14:32	0°♐			-4348 Dec	09 j 01:48	0°♏			
morning set	-4348 Jan	08 j 17:26	7°♐18'57		morning set	-4348 Dec	20 j 12:46	18°♏44'23			
max. Earth dist.	-4348 Jan	12 j 13:37	14°♐26'16	1.36335 AU	max. Earth dist.	-4348 Dec	24 j 10:40	25°♏37'00	1.38269 AU		
						-4348 Dec	26 j 20:45	0°♐			
superior conj	-4348 Jan	18 j 07:37	25°♐37'37	-1°-38'-12							
minimum elong	-4348 Jan	18 j 10:34	25°♐52'20	1°38'07	superior conj	-4348 Dec	31 j 12:53	8°♐44'41	-1°-50'-29		
	-4348 Jan	20 j 11:49	0°♑		minimum elong	-4348 Dec	31 j 14:43	8°♐53'26	1°50'36		
evening rise	-4348 Jan	26 j 09:44	12°♑02'15		evening rise	-4347 Jan	09 j 08:29	25°♐58'26			
asc. node	-4348 Jan	30 j 05:14	19°♑36'31			-4347 Jan	11 j 09:54	0°♑			
	-4348 Feb	05 j 00:12	0°♒		asc. node	-4347 Jan	16 j 02:18	8°♑46'03			
evening max el	-4348 Feb	13 j 02:11	10°♒31'52	19°52'18	evening max el	-4347 Jan	25 j 22:34	22°♑42'28	18°57'40		
retrograde	-4348 Feb	22 j 23:30	15°♒12'59		retrograde	-4347 Feb	03 j 08:24	26°♑44'40			
evening set	-4348 Feb	25 j 07:24	14°♒58'34		evening set	-4347 Feb	05 j 18:07	26°♑26'14			
inferior conj	-4348 Mar	04 j 22:31	10°♒57'03	2°06'49	inferior conj	-4347 Feb	13 j 16:32	22°♑08'52	3°20'46		
minimum elong	-4348 Mar	05 j 03:14	10°♒49'45	2°05'15	minimum elong	-4347 Feb	13 j 21:01	22°♑00'52	3°19'41		
min. Earth dist.	-4348 Mar	07 j 05:21	9°♒32'33	0.55927 AU	min. Earth dist.	-4347 Feb	16 j 20:40	19°♑54'14	0.57384 AU		
desc. node	-4348 Mar	12 j 23:26	6°♒39'24		morning rise	-4347 Feb	21 j 20:12	17°♑05'08			
morning rise	-4348 Mar	13 j 19:56	6°♒22'36		direct	-4347 Feb	27 j 05:20	15°♑56'16			
direct	-4348 Mar	17 j 23:14	5°♒44'36		desc. node	-4347 Feb	27 j 20:34	15°♑57'14			
morning max el	-4348 Mar	31 j 19:41	12°♒40'19	24°06'56	morning max el	-4347 Mar	13 j 10:43	23°♑17'29	25°40'34		
	-4348 Apr	14 j 01:21	0°♓			-4347 Mar	19 j 11:09	0°♒			
morning set	-4348 Apr	25 j 10:22	21°♓30'46			-4347 Apr	06 j 17:41	0°♓			
asc. node	-4348 Apr	27 j 04:52	25°♓15'36		morning set	-4347 Apr	09 j 22:28	6°♓33'44			
	-4348 Apr	29 j 09:50	0°♈		asc. node	-4347 Apr	14 j 01:50	15°♓25'33			
superior conj	-4348 May	02 j 12:47	6°♈44'53	0°52'45	superior conj	-4347 Apr	16 j 23:27	21°♓45'01	0°29'47		
minimum elong	-4348 May	02 j 10:40	6°♈33'26	0°52'22	minimum elong	-4347 Apr	16 j 22:10	21°♓38'02	0°29'28		
max. Earth dist.	-4348 May	04 j 07:36	10°♈34'42	1.33402 AU	max. Earth dist.	-4347 Apr	17 j 18:23	23°♓28'12	1.32826 AU		
evening rise	-4348 May	09 j 23:49	22°♈23'29			-4347 Apr	20 j 18:55	0°♈			
	-4348 May	13 j 20:54	0°♉		evening rise	-4347 Apr	24 j 03:35	7°♈03'55			
	-4348 Jun	01 j 03:41	0°♊			-4347 May	06 j 09:38	0°♉			
desc. node	-4348 Jun	08 j 22:03	9°♊37'53		evening max el	-4347 May	25 j 09:23	25°♉24'30	27°07'14		
evening max el	-4348 Jun	12 j 03:05	12°♊56'18	27°25'23	desc. node	-4347 May	26 j 19:10	26°♉42'20			
retrograde	-4348 Jun	25 j 20:27	20°♊20'22			-4347 May	31 j 02:23	0°♊			
evening set	-4348 Jul	02 j 23:51	17°♊43'56		retrograde	-4347 Jun	08 j 08:06	2°♊46'40			
min. Earth dist.	-4348 Jul	06 j 14:20	14°♊36'31	0.63292 AU	evening set	-4347 Jun	15 j 06:34	0°♊34'14			
inferior conj	-4348 Jul	09 j 07:19	11°♊52'17	-3°-52'-15		-4347 Jun	16 j 03:19	30°℞♉			
minimum elong	-4348 Jul	09 j 10:36	11°♊43'59	3°51'32	min. Earth dist.	-4347 Jun	18 j 22:49	27°♉48'02	0.61424 AU		
morning rise	-4348 Jul	15 j 23:21	6°♊36'34		inferior conj	-4347 Jun	22 j 03:30	24°♉57'12	-4°-13'-28		
direct	-4348 Jul	18 j 13:48	6°♊03'52		minimum elong	-4347 Jun	22 j 05:06	24°♉53'37	4°13'13		
asc. node	-4348 Jul	24 j 04:28	8°♊34'53		morning rise	-4347 Jun	29 j 06:27	20°♉02'33			
morning max el	-4348 Jul	25 j 03:22	9°♊28'06	17°57'28	direct	-4347 Jul	01 j 18:51	19°♉36'01			
	-4348 Aug	07 j 19:11	0°♋		morning max el	-4347 Jul	08 j 17:01	23°♉02'21	18°01'13		
morning set	-4348 Aug	10 j 21:54	5°♋26'51		asc. node	-4347 Jul	11 j 01:31	25°♉38'33			
						-4347 Jul	14 j 05:12	0°♊			
superior conj	-4348 Aug	23 j 00:35	26°♋12'27	1°15'40	morning set	-4347 Jul	24 j 18:03	18°♊17'03			
minimum elong	-4348 Aug	23 j 06:23	26°♋36'33	1°15'16		-4347 Jul	31 j 04:28	0°♋			

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4347 Aug 04 j 05:54	7°♋11'40	1°38'55
minimum elong	-4347 Aug 04 j 09:39	7°♋28'07	1°38'52
max. Earth dist.	-4347 Aug 11 j 16:38	19°♋52'20	1.42123 AU
	-4347 Aug 17 j 22:21	0°♌	
evening rise	-4347 Aug 18 j 04:45	0°♌25'25	
desc. node	-4347 Aug 22 j 18:17	7°♌34'23	
	-4347 Sep 06 j 22:56	0°♍	
greatest brilliancy	-4347 Sep 14 j 17:58	10°♍18'58	-0.4m
evening max el	-4347 Sep 19 j 12:25	15°♍43'03	22°04'26
retrograde	-4347 Sep 28 j 19:17	21°♍14'05	
evening set	-4347 Oct 03 j 04:28	19°♍30'05	
asc. node	-4347 Oct 07 j 00:32	15°♍17'13	
inferior conj	-4347 Oct 08 j 13:09	13°♍12'24	0°31'13
minimum elong	-4347 Oct 08 j 12:26	13°♍14'54	0°31'00
min. Earth dist.	-4347 Oct 08 j 15:24	13°♍04'38	0.67357 AU
morning rise	-4347 Oct 13 j 20:13	6°♍55'31	
direct	-4347 Oct 18 j 12:33	5°♍00'32	
morning max el	-4347 Oct 28 j 07:57	10°♍51'24	22°43'23
greatest brilliancy	-4347 Nov 02 j 01:51	16°♍11'43	-0.3m
	-4347 Nov 12 j 09:36	0°♎	
desc. node	-4347 Nov 18 j 18:14	9°♎18'40	
morning set	-4347 Dec 01 j 04:46	28°♎48'17	
	-4347 Dec 01 j 22:14	0°♏	
max. Earth dist.	-4347 Dec 06 j 07:39	7°♏21'32	1.40336 AU
superior conj	-4347 Dec 14 j 01:39	20°♏59'22	-1°-53'-50
minimum elong	-4347 Dec 14 j 01:00	20°♏56'24	1°54'01
	-4347 Dec 18 j 22:52	0°♐	
evening rise	-4347 Dec 23 j 22:01	9°♐22'43	
asc. node	-4346 Jan 02 j 23:22	27°♐23'14	
	-4346 Jan 04 j 17:03	0°♑	
evening max el	-4346 Jan 09 j 03:03	5°♑22'08	18°23'03
retrograde	-4346 Jan 16 j 11:51	9°♑00'34	
evening set	-4346 Jan 19 j 00:00	8°♑36'27	
inferior conj	-4346 Jan 26 j 06:58	3°♑58'09	3°57'15
minimum elong	-4346 Jan 26 j 08:49	3°♑54'18	3°56'54
min. Earth dist.	-4346 Jan 29 j 15:48	1°♑11'45	0.59282 AU
	-4346 Jan 31 j 06:00	30°℞♐	
morning rise	-4346 Feb 02 j 14:21	28°♐30'31	
direct	-4346 Feb 08 j 23:57	26°♐42'40	
desc. node	-4346 Feb 14 j 17:40	28°♐04'27	
	-4346 Feb 18 j 02:03	0°♑	
morning max el	-4346 Feb 23 j 05:44	4°♑17'40	26°53'39
	-4346 Mar 14 j 01:57	0°♒	
morning set	-4346 Mar 25 j 08:48	21°♒30'16	
	-4346 Mar 29 j 08:36	0°♓	
asc. node	-4346 Mar 31 j 22:48	5°♓39'00	
superior conj	-4346 Apr 01 j 11:10	6°♓46'39	0°05'23
minimum elong	-4346 Apr 01 j 10:56	6°♓45'22	0°05'14
behind sun begin	-4346 Apr 01 j 06:12	6°♓19'25	
behind sun end	-4346 Apr 01 j 15:41	7°♓11'19	
max. Earth dist.	-4346 Apr 01 j 07:44	6°♓27'52	1.32584 AU
evening rise	-4346 Apr 08 j 11:55	21°♓56'24	
	-4346 Apr 12 j 11:06	0°♈	
	-4346 Apr 30 j 22:47	0°♉	
evening max el	-4346 May 07 j 09:39	7°♉10'32	26°16'53
desc. node	-4346 May 13 j 16:17	12°♉04'49	
retrograde	-4346 May 21 j 11:46	14°♉29'02	
evening set	-4346 May 27 j 17:15	12°♉52'03	
min. Earth dist.	-4346 May 31 j 22:32	10°♉10'26	0.59381 AU
inferior conj	-4346 Jun 04 j 07:43	7°♉33'13	-4°-13'-35
minimum elong	-4346 Jun 04 j 06:18	7°♉35'59	4°13'24
morning rise	-4346 Jun 11 j 23:05	3°♉00'48	
direct	-4346 Jun 14 j 10:27	2°♉39'15	
morning max el	-4346 Jun 22 j 02:40	6°♉19'33	18°24'30
asc. node	-4346 Jun 27 j 22:31	13°♉37'25	
	-4346 Jul 07 j 05:20	0°♊	
morning set	-4346 Jul 08 j 04:23	1°♊49'53	
superior conj	-4346 Jul 17 j 11:28	19°♊24'08	1°48'36
minimum elong	-4346 Jul 17 j 12:27	19°♊28'42	1°48'46
	-4346 Jul 23 j 09:04	0°♋	
max. Earth dist.	-4346 Jul 24 j 20:49	2°♋35'24	1.40270 AU
evening rise	-4346 Jul 29 j 11:28	10°♋23'37	
desc. node	-4346 Aug 09 j 15:15	28°♋04'34	
	-4346 Aug 10 j 21:54	0°♌	
evening max el	-4346 Sep 02 j 02:15	29°♌08'30	23°24'43
	-4346 Sep 02 j 23:17	0°♍	
retrograde	-4346 Sep 12 j 12:14	5°♍18'26	
evening set	-4346 Sep 17 j 11:30	3°♍14'44	
	-4346 Sep 20 j 12:09	30°℞♌	
inferior conj	-4346 Sep 22 j 19:44	26°♌54'11	0°-22'-6
minimum elong	-4346 Sep 22 j 20:15	26°♌52'26	0°21'46
min. Earth dist.	-4346 Sep 22 j 11:48	27°♌21'25	0.67389 AU
asc. node	-4346 Sep 23 j 21:39	25°♌25'59	
morning rise	-4346 Sep 28 j 05:03	20°♌40'48	
direct	-4346 Oct 02 j 07:30	19°♌06'51	
morning max el	-4346 Oct 10 j 23:49	24°♌14'46	21°21'18
	-4346 Oct 15 j 23:35	0°♍	
greatest brilliancy	-4346 Oct 16 j 07:23	0°♍24'38	-0.4m
desc. node	-4346 Nov 05 j 15:09	29°♍40'32	
	-4346 Nov 05 j 20:13	0°♎	
morning set	-4346 Nov 10 j 17:22	7°♎35'35	
max. Earth dist.	-4346 Nov 18 j 10:10	19°♎57'32	1.42250 AU
	-4346 Nov 24 j 10:20	0°♏	
superior conj	-4346 Nov 25 j 16:17	2°♏08'05	-1°-44'-40
minimum elong	-4346 Nov 25 j 12:03	1°♏49'56	1°44'32
evening rise	-4346 Dec 06 j 22:47	22°♏07'22	
	-4346 Dec 11 j 07:34	0°♐	
asc. node	-4346 Dec 20 j 20:27	15°♐18'15	
evening max el	-4346 Dec 23 j 13:02	18°♐23'48	18°08'27
retrograde	-4346 Dec 30 j 07:21	21°♐52'25	
evening set	-4345 Jan 01 j 22:08	21°♐21'27	
inferior conj	-4345 Jan 08 j 16:12	16°♐21'22	4°03'20
minimum elong	-4345 Jan 08 j 15:23	16°♐23'20	4°03'07
min. Earth dist.	-4345 Jan 11 j 17:47	13°♐26'54	0.61286 AU
morning rise	-4345 Jan 15 j 06:09	10°♐36'59	
direct	-4345 Jan 22 j 05:19	8°♐14'21	
desc. node	-4345 Feb 01 j 14:46	12°♐40'56	
morning max el	-4345 Feb 05 j 06:57	15°♐56'14	27°34'48
	-4345 Feb 16 j 20:50	0°♑	
	-4345 Mar 06 j 13:09	0°♒	
morning set	-4345 Mar 09 j 15:28	6°♒13'30	
max. Earth dist.	-4345 Mar 15 j 19:59	19°♒20'46	1.32689 AU
superior conj	-4345 Mar 16 j 22:20	21°♒44'06	0°-19'-37
minimum elong	-4345 Mar 16 j 23:13	21°♒48'54	0°19'36
asc. node	-4345 Mar 18 j 19:47	25°♒51'56	
	-4345 Mar 20 j 17:25	0°♓	
evening rise	-4345 Mar 23 j 22:48	6°♓53'50	
	-4345 Apr 05 j 04:32	0°♈	
evening max el	-4345 Apr 19 j 04:08	18°♈17'37	24°59'56
desc. node	-4345 Apr 30 j 13:25	25°♈08'58	
retrograde	-4345 May 03 j 05:07	25°♈25'26	
evening set	-4345 May 08 j 06:25	24°♈26'35	
min. Earth dist.	-4345 May 13 j 16:29	21°♈33'04	0.57442 AU
inferior conj	-4345 May 16 j 16:46	19°♈31'38	-3°-42'-41
minimum elong	-4345 May 16 j 12:02	19°♈39'39	3°41'50
morning rise	-4345 May 24 j 21:49	15°♈19'18	
direct	-4345 May 27 j 08:38	15°♈01'42	
morning max el	-4345 Jun 05 j 05:22	19°♈10'07	19°08'00
	-4345 Jun 13 j 10:46	0°♉	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4345 Jun 14 j 19:31	2°♉18'42	
morning set	-4345 Jun 22 j 00:59	15°♉55'27	
	-4345 Jun 29 j 03:54	0°♊	
superior conj	-4345 Jun 30 j 11:33	2°♊33'32	1°47'34
minimum elong	-4345 Jun 30 j 10:24	2°♊28'01	1°47'43
max. Earth dist.	-4345 Jul 06 j 22:12	14°♊39'03	1.38324 AU
evening rise	-4345 Jul 10 j 20:36	21°♊39'28	
	-4345 Jul 15 j 18:18	0°♋	
desc. node	-4345 Jul 27 j 12:15	18°♋21'22	
	-4345 Aug 04 j 20:11	0°♌	
evening max el	-4345 Aug 15 j 13:20	12°♌36'58	24°44'26
retrograde	-4345 Aug 27 j 01:19	19°♌20'06	
evening set	-4345 Sep 01 j 15:40	16°♌57'26	
min. Earth dist.	-4345 Sep 06 j 06:37	11°♌39'17	0.67123 AU
inferior conj	-4345 Sep 07 j 01:07	10°♌37'38	-1°-15'-8
minimum elong	-4345 Sep 07 j 02:51	10°♌31'50	1°14'16
asc. node	-4345 Sep 10 j 18:46	6°♌04'39	
morning rise	-4345 Sep 12 j 14:22	4°♌31'00	
direct	-4345 Sep 16 j 04:56	3°♌15'51	
morning max el	-4345 Sep 23 j 22:36	7°♌45'55	20°09'19
greatest brilliancy	-4345 Oct 01 j 01:10	16°♌29'58	-0.6m
	-4345 Oct 10 j 07:55	0°♍	
morning set	-4345 Oct 20 j 15:45	15°♍47'45	
desc. node	-4345 Oct 23 j 12:02	20°♍13'08	
	-4345 Oct 29 j 17:13	0°♎	
max. Earth dist.	-4345 Oct 31 j 19:58	3°♎22'14	1.43748 AU
superior conj	-4345 Nov 06 j 03:52	11°♎59'22	-1°-19'-35
minimum elong	-4345 Nov 05 j 21:04	11°♎31'33	1°18'56
	-4345 Nov 16 j 21:52	0°♏	
evening rise	-4345 Nov 19 j 06:19	4°♏02'31	
	-4345 Dec 05 j 13:31	0°♐	
evening max el	-4345 Dec 07 j 01:35	1°♐39'08	18°13'13
asc. node	-4345 Dec 07 j 17:34	2°♐17'58	
retrograde	-4345 Dec 13 j 14:44	5°♐09'56	
evening set	-4345 Dec 16 j 08:54	4°♐30'51	
	-4345 Dec 21 j 21:47	30°℞♏	
inferior conj	-4345 Dec 22 j 16:33	29°♏10'00	3°47'57
minimum elong	-4345 Dec 22 j 14:02	29°♏16'46	3°47'25
min. Earth dist.	-4345 Dec 25 j 04:49	26°♏28'41	0.63132 AU
morning rise	-4345 Dec 28 j 17:27	23°♏13'36	
direct	-4344 Jan 04 j 18:51	20°♏29'35	
morning max el	-4344 Jan 18 j 13:17	28°♏13'00	27°39'54
desc. node	-4344 Jan 19 j 11:49	29°♏09'41	
	-4344 Jan 20 j 07:05	0°♐	
	-4344 Feb 10 j 14:14	0°♑	
morning set	-4344 Feb 21 j 16:11	20°♑35'19	
	-4344 Feb 26 j 05:50	0°♒	
max. Earth dist.	-4344 Feb 27 j 03:19	1°♒53'37	1.33165 AU
superior conj	-4344 Feb 29 j 07:15	6°♒31'15	0°-44'-19
minimum elong	-4344 Feb 29 j 09:11	6°♒41'40	0°44'08
asc. node	-4344 Mar 04 j 16:48	16°♒00'20	
evening rise	-4344 Mar 07 j 10:27	21°♒49'42	
	-4344 Mar 11 j 10:23	0°♓	
evening max el	-4344 Mar 30 j 20:15	29°♓03'01	23°27'57
	-4344 Mar 31 j 20:56	0°♈	
retrograde	-4344 Apr 13 j 09:34	5°♈45'53	
desc. node	-4344 Apr 16 j 10:34	5°♈25'28	
evening set	-4344 Apr 17 j 03:17	5°♈15'15	
min. Earth dist.	-4344 Apr 24 j 07:30	1°♈57'56	0.55952 AU
inferior conj	-4344 Apr 26 j 06:02	0°♈48'40	-2°-32'-36
minimum elong	-4344 Apr 26 j 00:22	0°♈57'09	2°31'03
	-4344 Apr 27 j 14:57	30°℞♓	
morning rise	-4344 May 05 j 00:44	26°♓49'31	
direct	-4344 May 07 j 12:28	26°♓34'06	
	-4344 May 16 j 06:56	0°♈	
morning max el	-4344 May 17 j 22:31	1°♈25'01	20°11'50
asc. node	-4344 May 31 j 16:31	21°♈32'22	
	-4344 Jun 04 j 23:39	0°♉	
morning set	-4344 Jun 05 j 04:50	0°♉26'10	
superior conj	-4344 Jun 13 j 01:04	16°♉25'48	1°38'36
minimum elong	-4344 Jun 12 j 22:44	16°♉14'02	1°38'34
max. Earth dist.	-4344 Jun 18 j 03:06	26°♉26'22	1.36522 AU
	-4344 Jun 20 j 00:05	0°♊	
evening rise	-4344 Jun 22 j 05:00	4°♊05'40	
	-4344 Jul 07 j 16:51	0°♋	
desc. node	-4344 Jul 13 j 09:18	8°♋18'44	
evening max el	-4344 Jul 28 j 00:10	26°♋08'42	25°55'39
	-4344 Aug 01 j 11:02	0°♌	
retrograde	-4344 Aug 09 j 09:48	3°♌15'04	
evening set	-4344 Aug 15 j 15:02	0°♌36'56	
	-4344 Aug 16 j 07:21	30°℞♋	
min. Earth dist.	-4344 Aug 19 j 21:24	25°♋56'42	0.66532 AU
inferior conj	-4344 Aug 21 j 03:32	24°♋21'13	-2°-6'-6
minimum elong	-4344 Aug 21 j 06:21	24°♋12'17	2°04'54
morning rise	-4344 Aug 26 j 22:19	18°♋24'46	
asc. node	-4344 Aug 27 j 15:52	18°♋00'47	
direct	-4344 Aug 30 j 03:15	17°♋25'26	
morning max el	-4344 Sep 06 j 04:25	21°♋25'40	19°11'12
	-4344 Sep 12 j 23:47	0°♌	
morning set	-4344 Sep 28 j 23:32	24°♌33'31	
	-4344 Oct 02 j 10:42	0°♍	
desc. node	-4344 Oct 09 j 08:57	10°♍53'04	
max. Earth dist.	-4344 Oct 13 j 11:46	17°♍22'27	1.44633 AU
superior conj	-4344 Oct 15 j 14:01	20°♍41'12	0°-38'-37
minimum elong	-4344 Oct 15 j 09:14	20°♍22'15	0°37'59
	-4344 Oct 21 j 10:15	0°♎	
evening rise	-4344 Oct 30 j 16:02	14°♎59'44	
	-4344 Nov 08 j 20:17	0°♏	
evening max el	-4344 Nov 19 j 13:55	15°♏02'10	18°36'18
asc. node	-4344 Nov 23 j 14:42	18°♏07'38	
retrograde	-4344 Nov 26 j 05:57	18°♏45'24	
evening set	-4344 Nov 29 j 04:54	17°♏56'30	
inferior conj	-4344 Dec 05 j 04:20	12°♏17'17	3°18'00
minimum elong	-4344 Dec 05 j 01:09	12°♏26'41	3°17'06
min. Earth dist.	-4344 Dec 07 j 01:49	10°♏02'56	0.64670 AU
morning rise	-4344 Dec 10 j 20:13	6°♏11'37	
direct	-4344 Dec 17 j 15:06	3°♏21'37	
morning max el	-4344 Dec 30 j 22:32	11°♏00'09	27°10'56
desc. node	-4343 Jan 05 j 08:50	16°♏58'46	
	-4343 Jan 15 j 02:18	0°♐	
	-4343 Feb 02 j 00:26	0°♑	
morning set	-4343 Feb 04 j 07:57	4°♑25'48	
max. Earth dist.	-4343 Feb 09 j 02:07	13°♑55'54	1.34051 AU
superior conj	-4343 Feb 12 j 11:59	21°♑01'18	-1°-7'-40
minimum elong	-4343 Feb 12 j 14:44	21°♑15'47	1°07'25
	-4343 Feb 16 j 17:40	0°♒	
evening rise	-4343 Feb 19 j 21:04	6°♒37'24	
asc. node	-4343 Feb 19 j 13:49	5°♒59'34	
	-4343 Mar 04 j 14:58	0°♓	
evening max el	-4343 Mar 12 j 15:44	9°♓51'57	21°54'52
retrograde	-4343 Mar 25 j 02:33	15°♓53'07	
evening set	-4343 Mar 27 j 20:53	15°♓36'06	
desc. node	-4343 Apr 03 j 07:45	13°♓06'28	
inferior conj	-4343 Apr 06 j 04:35	11°♓31'41	0°-47'-24
minimum elong	-4343 Apr 06 j 02:23	11°♓34'46	0°46'44
min. Earth dist.	-4343 Apr 05 j 21:26	11°♓41'45	0.55220 AU
morning rise	-4343 Apr 15 j 08:54	7°♓32'09	
direct	-4343 Apr 18 j 02:55	7°♓15'16	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-4343 Apr 30 j 04:48	12°♓58'12	21°34'18
	-4343 May 12 j 16:22	0°♈	
asc. node	-4343 May 18 j 13:30	11°♈09'33	
morning set	-4343 May 20 j 13:24	15°♈13'58	
superior conj	-4343 May 27 j 23:57	0°♉48'11	1°23'52
minimum elong	-4343 May 27 j 21:15	0°♉34'06	1°23'37
	-4343 May 27 j 14:42	0°♉	
max. Earth dist.	-4343 May 31 j 16:23	8°♉21'39	1.35020 AU
evening rise	-4343 Jun 05 j 07:07	17°♉26'06	
	-4343 Jun 12 j 03:52	0°♊	
desc. node	-4343 Jun 30 j 06:23	27°♊47'14	
	-4343 Jul 01 j 23:29	0°♋	
evening max el	-4343 Jul 10 j 11:28	9°♋36'31	26°50'19
retrograde	-4343 Jul 23 j 13:16	16°♋56'04	
evening set	-4343 Jul 30 j 07:14	14°♋09'20	
min. Earth dist.	-4343 Aug 03 j 05:44	10°♋08'09	0.65574 AU
inferior conj	-4343 Aug 05 j 00:54	8°♋00'46	-2°-53'-6
minimum elong	-4343 Aug 05 j 04:28	7°♋50'16	2°51'51
morning rise	-4343 Aug 11 j 02:48	2°♋17'51	
direct	-4343 Aug 14 j 00:21	1°♋31'10	
asc. node	-4343 Aug 14 j 12:57	1°♋32'41	
morning max el	-4343 Aug 20 j 15:41	5°♋10'35	18°28'59
	-4343 Sep 06 j 13:09	0°♌	
morning set	-4343 Sep 09 j 08:07	4°♌32'48	
superior conj	-4343 Sep 24 j 13:26	28°♌57'02	0°10'40
minimum elong	-4343 Sep 24 j 14:49	29°♌02'32	0°10'36
behind sun begin	-4343 Sep 24 j 06:09	28°♌28'14	
behind sun end	-4343 Sep 24 j 23:30	29°♌36'50	
	-4343 Sep 25 j 05:22	0°♍	
desc. node	-4343 Sep 26 j 05:54	1°♍36'47	
max. Earth dist.	-4343 Sep 26 j 06:07	1°♍37'36	1.44794 AU
evening rise	-4343 Oct 11 j 00:50	24°♍53'03	
	-4343 Oct 14 j 06:45	0°♎	
greatest brilliancy	-4343 Oct 23 j 10:25	14°♎16'05	-0.7m
evening max el	-4343 Nov 02 j 23:31	28°♎28'32	19°16'32
	-4343 Nov 04 j 13:59	0°♏	
retrograde	-4343 Nov 10 j 01:34	2°♏33'10	
asc. node	-4343 Nov 10 j 11:49	2°♏32'07	
evening set	-4343 Nov 13 j 07:12	1°♏32'17	
	-4343 Nov 15 j 05:38	30°℞♎	
inferior conj	-4343 Nov 19 j 00:20	25°♎37'51	2°38'16
minimum elong	-4343 Nov 18 j 21:17	25°♎47'32	2°37'14
min. Earth dist.	-4343 Nov 20 j 07:57	23°♎57'14	0.65848 AU
morning rise	-4343 Nov 24 j 10:33	19°♎25'23	
direct	-4343 Nov 30 j 17:29	16°♎42'05	
morning max el	-4343 Dec 13 j 08:19	24°♎05'57	26°14'10
	-4343 Dec 18 j 16:35	0°♏	
desc. node	-4343 Dec 23 j 05:51	5°♏44'36	
	-4342 Jan 08 j 11:26	0°♐	
morning set	-4342 Jan 18 j 10:50	17°♐32'57	
max. Earth dist.	-4342 Jan 22 j 13:36	25°♐24'21	1.35377 AU
	-4342 Jan 24 j 21:24	0°♑	
superior conj	-4342 Jan 27 j 10:10	5°♑06'55	-1°-28'-16
minimum elong	-4342 Jan 27 j 13:16	5°♑22'42	1°28'06
evening rise	-4342 Feb 04 j 04:50	21°♑10'40	
asc. node	-4342 Feb 06 j 10:52	25°♑44'45	
	-4342 Feb 08 j 14:50	0°♒	
evening max el	-4342 Feb 22 j 19:53	21°♒07'39	20°32'16
retrograde	-4342 Mar 05 j 16:49	26°♒17'40	
evening set	-4342 Mar 08 j 01:16	26°♒04'09	
inferior conj	-4342 Mar 17 j 00:49	22°♒06'02	1°08'14
minimum elong	-4342 Mar 17 j 03:47	22°♒01'42	1°07'07
min. Earth dist.	-4342 Mar 18 j 11:34	21°♒15'19	0.55408 AU
desc. node	-4342 Mar 21 j 04:53	19°♒45'12	
morning rise	-4342 Mar 26 j 04:24	17°♒47'46	
direct	-4342 Mar 29 j 15:52	17°♒21'26	
morning max el	-4342 Apr 12 j 01:29	23°♒54'39	23°09'54
	-4342 Apr 17 j 12:49	0°♓	
	-4342 May 04 j 22:17	0°♈	
morning set	-4342 May 05 j 00:42	0°♈12'38	
asc. node	-4342 May 05 j 10:30	1°♈03'58	
superior conj	-4342 May 12 j 05:12	15°♈31'30	1°05'00
minimum elong	-4342 May 12 j 02:44	15°♈18'20	1°04'38
max. Earth dist.	-4342 May 14 j 15:27	20°♈39'46	1.33885 AU
	-4342 May 19 j 04:36	0°♉	
evening rise	-4342 May 19 j 22:04	1°♉26'58	
	-4342 Jun 05 j 02:25	0°♊	
desc. node	-4342 Jun 17 j 03:29	16°♊34'35	
evening max el	-4342 Jun 22 j 22:22	22°♊50'18	27°20'57
	-4342 Jul 04 j 05:17	0°♋	
retrograde	-4342 Jul 06 j 11:21	0°♋15'06	
	-4342 Jul 08 j 15:42	30°℞♊	
evening set	-4342 Jul 13 j 13:23	27°♊30'44	
min. Earth dist.	-4342 Jul 17 j 05:39	24°♊05'53	0.64229 AU
inferior conj	-4342 Jul 19 j 14:51	21°♊31'58	-3°-33'-30
minimum elong	-4342 Jul 19 j 18:31	21°♊22'07	3°32'30
morning rise	-4342 Jul 26 j 01:20	16°♊05'44	
direct	-4342 Jul 28 j 17:42	15°♊28'45	
asc. node	-4342 Aug 01 j 10:02	16°♊37'46	
morning max el	-4342 Aug 04 j 05:59	18°♊56'05	18°03'50
	-4342 Aug 12 j 09:28	0°♋	
morning set	-4342 Aug 21 j 19:30	15°♋48'27	
	-4342 Aug 30 j 05:49	0°♌	
superior conj	-4342 Sep 04 j 00:52	7°♌51'33	0°55'33
minimum elong	-4342 Sep 04 j 06:26	8°♌14'07	0°55'03
max. Earth dist.	-4342 Sep 08 j 23:03	15°♌46'25	1.44232 AU
desc. node	-4342 Sep 13 j 02:50	22°♌21'04	
	-4342 Sep 18 j 00:19	0°♍	
evening rise	-4342 Sep 20 j 11:53	3°♍50'45	
	-4342 Oct 07 j 20:17	0°♎	
greatest brilliancy	-4342 Oct 10 j 07:55	3°♎29'10	-0.6m
evening max el	-4342 Oct 17 j 04:16	11°♎55'01	20°12'14
retrograde	-4342 Oct 24 j 22:47	16°♎28'49	
asc. node	-4342 Oct 28 j 08:57	15°♎20'47	
evening set	-4342 Oct 28 j 13:19	15°♎13'19	
inferior conj	-4342 Nov 03 j 01:54	9°♎07'12	1°51'58
minimum elong	-4342 Nov 02 j 23:31	9°♎15'10	1°51'04
min. Earth dist.	-4342 Nov 03 j 21:14	8°♎02'33	0.66682 AU
morning rise	-4342 Nov 08 j 09:09	2°♎50'35	
direct	-4342 Nov 14 j 01:28	0°♎22'42	
morning max el	-4342 Nov 25 j 17:13	7°♎18'41	24°58'12
desc. node	-4342 Dec 10 j 02:49	25°♎09'56	
	-4342 Dec 13 j 11:29	0°♏	
morning set	-4342 Dec 31 j 19:28	29°♏40'34	
	-4342 Dec 31 j 23:50	0°♐	
max. Earth dist.	-4341 Jan 04 j 14:05	6°♐31'07	1.37121 AU
superior conj	-4341 Jan 10 j 22:42	18°♐38'16	-1°-44'-17
minimum elong	-4341 Jan 11 j 01:19	18°♐51'09	1°44'18
	-4341 Jan 16 j 15:28	0°♑	
evening rise	-4341 Jan 19 j 07:32	5°♑22'05	
asc. node	-4341 Jan 24 j 07:55	15°♑09'16	
	-4341 Feb 02 j 16:43	0°♒	
evening max el	-4341 Feb 05 j 10:34	2°♒58'43	19°26'38
retrograde	-4341 Feb 14 j 16:01	7°♒21'41	
evening set	-4341 Feb 17 j 00:11	7°♒06'02	
inferior conj	-4341 Feb 25 j 08:19	2°♒58'59	2°42'50
minimum elong	-4341 Feb 25 j 13:23	2°♒50'40	2°41'21
min. Earth dist.	-4341 Feb 28 j 02:27	1°♒11'13	0.56471 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4341 Mar 02 j 01:38	30°℞♉	
morning rise	-4341 Mar 05 j 22:55	28°♉11'20	
desc. node	-4341 Mar 08 j 02:01	27°♉36'36	
direct	-4341 Mar 10 j 14:45	27°♉21'47	
	-4341 Mar 18 j 23:39	0°♒	
morning max el	-4341 Mar 24 j 16:49	4°♒31'06	24°48'15
	-4341 Apr 11 j 19:15	0°♓	
morning set	-4341 Apr 19 j 12:58	15°♓15'30	
asc. node	-4341 Apr 22 j 07:30	21°♓09'34	
	-4341 Apr 26 j 09:23	0°♈	
superior conj	-4341 Apr 26 j 14:26	0°♈27'28	0°43'15
minimum elong	-4341 Apr 26 j 12:39	0°♈17'43	0°42'53
max. Earth dist.	-4341 Apr 27 j 22:38	3°♈21'35	1.33112 AU
evening rise	-4341 May 03 j 22:01	15°♈55'51	
	-4341 May 11 j 04:51	0°♉	
	-4341 May 31 j 00:52	0°♊	
desc. node	-4341 Jun 04 j 00:35	4°♊23'27	
evening max el	-4341 Jun 05 j 07:05	5°♊38'44	27°21'44
retrograde	-4341 Jun 19 j 03:25	13°♊03'05	
evening set	-4341 Jun 26 j 05:52	10°♊35'06	
min. Earth dist.	-4341 Jun 29 j 20:00	7°♊38'24	0.62522 AU
inferior conj	-4341 Jul 02 j 18:30	4°♊48'59	-4°-3'-22
minimum elong	-4341 Jul 02 j 21:14	4°♊42'23	4°02'51
	-4341 Jul 08 j 22:18	30°℞♉	
morning rise	-4341 Jul 09 j 15:01	29°♉42'03	
direct	-4341 Jul 12 j 04:16	29°♉12'19	
	-4341 Jul 15 j 08:48	0°♊	
morning max el	-4341 Jul 18 j 20:40	2°♊36'33	17°56'44
asc. node	-4341 Jul 19 j 07:05	3°♊02'49	
morning set	-4341 Aug 04 j 05:19	28°♊08'32	
	-4341 Aug 05 j 06:17	0°♋	
superior conj	-4341 Aug 15 j 14:15	18°♋03'30	1°27'21
minimum elong	-4341 Aug 15 j 19:26	18°♋25'30	1°27'04
max. Earth dist.	-4341 Aug 22 j 12:01	29°♋32'17	1.43034 AU
	-4341 Aug 22 j 18:50	0°♌	
evening rise	-4341 Aug 30 j 15:51	12°♌32'03	
desc. node	-4341 Aug 30 j 23:47	13°♌02'59	
	-4341 Sep 11 j 03:23	0°♍	
greatest brilliancy	-4341 Sep 24 j 22:07	19°♍19'01	-0.4m
evening max el	-4341 Sep 30 j 03:02	25°♍20'59	21°20'47
	-4341 Oct 06 j 08:31	0°♎	
retrograde	-4341 Oct 08 j 19:29	0°♎29'55	
	-4341 Oct 11 j 03:26	30°℞♍	
evening set	-4341 Oct 12 j 21:12	28°♍57'08	
asc. node	-4341 Oct 15 j 06:03	26°♍39'02	
inferior conj	-4341 Oct 18 j 06:52	22°♍42'50	1°01'29
minimum elong	-4341 Oct 18 j 05:29	22°♍47'36	1°00'57
min. Earth dist.	-4341 Oct 18 j 15:11	22°♍14'16	0.67198 AU
morning rise	-4341 Oct 23 j 13:25	16°♍25'06	
direct	-4341 Oct 28 j 14:27	14°♍17'23	
morning max el	-4341 Nov 08 j 02:18	20°♍33'39	23°32'55
	-4341 Nov 16 j 03:49	0°♎	
desc. node	-4341 Nov 26 j 23:47	15°♎03'28	
	-4341 Dec 06 j 17:29	0°♏	
morning set	-4341 Dec 13 j 03:43	10°♏32'43	
max. Earth dist.	-4341 Dec 17 j 09:38	17°♏50'34	1.39148 AU
	-4341 Dec 24 j 03:20	0°♐	
superior conj	-4341 Dec 24 j 21:35	1°♐25'01	-1°-53'-12
minimum elong	-4341 Dec 24 j 22:32	1°♐29'28	1°53'23
evening rise	-4340 Jan 03 j 02:43	19°♐05'28	
	-4340 Jan 08 j 21:01	0°♑	
asc. node	-4340 Jan 11 j 04:57	4°♑06'11	
evening max el	-4340 Jan 19 j 10:47	15°♑23'07	18°40'29
retrograde	-4340 Jan 27 j 08:26	19°♑12'53	

evening set	-4340 Jan 29 j 19:17	18°♑52'08	
inferior conj	-4340 Feb 06 j 10:54	14°♑26'32	3°40'27
minimum elong	-4340 Feb 06 j 14:25	14°♑19'53	3°39'45
min. Earth dist.	-4340 Feb 09 j 19:06	11°♑55'27	0.58166 AU
morning rise	-4340 Feb 14 j 05:53	9°♑11'47	
direct	-4340 Feb 20 j 02:49	7°♑46'17	
desc. node	-4340 Feb 22 j 23:08	8°♑06'14	
morning max el	-4340 Mar 05 j 08:48	15°♑14'37	26°14'48
	-4340 Mar 17 j 06:14	0°♒	
	-4340 Apr 02 j 21:23	0°♓	
morning set	-4340 Apr 03 j 00:30	0°♓16'15	
asc. node	-4340 Apr 08 j 04:28	11°♓21'31	
superior conj	-4340 Apr 10 j 01:45	15°♓28'59	0°19'33
minimum elong	-4340 Apr 10 j 00:53	15°♓24'19	0°19'18
max. Earth dist.	-4340 Apr 10 j 10:52	16°♓18'53	1.32685 AU
	-4340 Apr 16 j 19:49	0°♈	
evening rise	-4340 Apr 17 j 04:01	0°♈42'36	
	-4340 May 03 j 07:45	0°♉	
evening max el	-4340 May 17 j 11:12	17°♉50'17	26°49'40
desc. node	-4340 May 20 j 21:43	20°♉48'52	
retrograde	-4340 May 31 j 11:54	25°♉10'57	
evening set	-4340 Jun 07 j 04:27	23°♉12'58	
min. Earth dist.	-4340 Jun 11 j 00:44	20°♉30'34	0.60558 AU
inferior conj	-4340 Jun 14 j 08:21	17°♉43'04	-4°-16'-42
minimum elong	-4340 Jun 14 j 08:49	17°♉42'06	4°16'34
morning rise	-4340 Jun 21 j 16:22	12°♉57'31	
direct	-4340 Jun 24 j 04:11	12°♉33'15	
morning max el	-4340 Jul 01 j 08:54	16°♉04'18	18°08'39
asc. node	-4340 Jul 05 j 04:07	20°♉31'37	
	-4340 Jul 11 j 03:35	0°♊	
morning set	-4340 Jul 17 j 08:05	11°♊18'25	
superior conj	-4340 Jul 27 j 06:29	29°♊35'16	1°44'32
minimum elong	-4340 Jul 27 j 09:03	29°♊46'44	1°44'36
	-4340 Jul 27 j 12:02	0°♋	
max. Earth dist.	-4340 Aug 03 j 19:40	12°♋41'42	1.41364 AU
evening rise	-4340 Aug 09 j 08:54	21°♋51'09	
	-4340 Aug 14 j 12:11	0°♌	
desc. node	-4340 Aug 16 j 20:45	3°♌38'36	
	-4340 Sep 04 j 07:38	0°♍	
greatest brilliancy	-4340 Sep 07 j 00:55	3°♍24'22	-0.3m
evening max el	-4340 Sep 11 j 19:48	8°♍46'16	22°38'18
retrograde	-4340 Sep 21 j 14:00	14°♍33'35	
evening set	-4340 Sep 26 j 05:01	12°♍41'23	
asc. node	-4340 Oct 01 j 03:10	6°♍57'23	
inferior conj	-4340 Oct 01 j 13:20	6°♍22'20	0°08'41
minimum elong	-4340 Oct 01 j 13:08	6°♍23'02	0°08'41
transit middle	-4340 Oct 01 j 13:08	6°♍23'02	0°08'41
transit begin	-4340 Oct 01 j 10:51	6°♍30'56	
transit end	-4340 Oct 01 j 15:25	6°♍15'09	
min. Earth dist.	-4340 Oct 01 j 11:19	6°♍29'18	0.67409 AU
morning rise	-4340 Oct 06 j 21:08	0°♍06'36	
	-4340 Oct 07 j 00:27	30°℞♌	
direct	-4340 Oct 11 j 07:29	28°♌20'30	
	-4340 Oct 16 j 01:23	0°♍	
morning max el	-4340 Oct 20 j 14:43	3°♍52'18	22°07'32
greatest brilliancy	-4340 Oct 25 j 09:24	9°♍17'41	-0.4m
	-4340 Nov 09 j 08:17	0°♎	
desc. node	-4340 Nov 12 j 20:42	5°♎16'38	
morning set	-4340 Nov 22 j 07:21	20°♎00'58	
	-4340 Nov 28 j 09:25	0°♏	
max. Earth dist.	-4340 Nov 28 j 08:30	29°♎56'11	1.41189 AU
superior conj	-4340 Dec 06 j 01:40	13°♏13'40	-1°-51'-43
minimum elong	-4340 Dec 05 j 23:33	13°♏04'21	1°51'48
	-4340 Dec 15 j 06:29	0°♐	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-4340 Dec 16 j 11:15	2°♐13'49	
asc. node	-4340 Dec 28 j 02:01	22°♐26'55	
evening max el	-4339 Jan 01 j 18:01	28°♐13'39	18°14'27
	-4339 Jan 03 j 20:15	0°♑	
retrograde	-4339 Jan 08 j 19:12	1°♑46'01	
evening set	-4339 Jan 11 j 08:35	1°♑18'58	
	-4339 Jan 13 j 23:53	30°℞♐	
inferior conj	-4339 Jan 18 j 09:42	26°♐31'11	4°02'59
minimum elong	-4339 Jan 18 j 10:21	26°♐29'47	4°02'46
min. Earth dist.	-4339 Jan 21 j 16:29	23°♐38'46	0.60143 AU
morning rise	-4339 Jan 25 j 09:14	20°♐56'03	
direct	-4339 Feb 01 j 02:12	18°♐52'23	
desc. node	-4339 Feb 08 j 20:15	21°♐21'35	
morning max el	-4339 Feb 15 j 06:14	26°♐29'58	27°15'28
	-4339 Feb 18 j 14:05	0°♑	
	-4339 Mar 10 j 15:50	0°♒	
morning set	-4339 Mar 18 j 09:34	15°♒08'41	
max. Earth dist.	-4339 Mar 25 j 00:26	29°♒19'01	1.32592 AU
	-4339 Mar 25 j 07:56	0°♓	
superior conj	-4339 Mar 25 j 13:28	0°♓30'16	0°-5'-12
minimum elong	-4339 Mar 25 j 13:42	0°♓31'33	0°05'17
behind sun begin	-4339 Mar 25 j 08:57	0°♓05'33	
behind sun end	-4339 Mar 25 j 18:27	0°♓57'34	
asc. node	-4339 Mar 26 j 01:26	1°♓35'46	
evening rise	-4339 Apr 01 j 13:44	15°♓39'05	
	-4339 Apr 08 j 19:24	0°♈	
evening max el	-4339 Apr 29 j 09:03	29°♈19'59	25°46'50
	-4339 Apr 30 j 02:07	0°♉	
desc. node	-4339 May 07 j 18:51	5°♉18'12	
retrograde	-4339 May 13 j 11:07	6°♉34'16	
evening set	-4339 May 19 j 05:54	5°♉13'59	
min. Earth dist.	-4339 May 23 j 21:32	2°♉29'13	0.58532 AU
inferior conj	-4339 May 27 j 04:49	0°♉04'58	-4°-4'-53
minimum elong	-4339 May 27 j 01:54	0°♉10'19	4°04'31
	-4339 May 27 j 07:32	30°℞♈	
morning rise	-4339 Jun 04 j 01:51	25°♈41'25	
direct	-4339 Jun 06 j 13:09	25°♈21'30	
morning max el	-4339 Jun 14 j 15:55	29°♈11'40	18°40'27
	-4339 Jun 15 j 11:31	0°♉	
asc. node	-4339 Jun 22 j 01:09	8°♉50'24	
morning set	-4339 Jun 30 j 23:16	25°♉07'03	
	-4339 Jul 03 j 11:34	0°♊	
superior conj	-4339 Jul 09 j 20:42	12°♊14'24	1°49'17
minimum elong	-4339 Jul 09 j 20:40	12°♊14'16	1°49'29
max. Earth dist.	-4339 Jul 16 j 22:38	25°♊08'52	1.39446 AU
	-4339 Jul 19 j 17:33	0°♋	
evening rise	-4339 Jul 21 j 02:58	2°♋22'34	
desc. node	-4339 Aug 03 j 17:43	24°♋03'54	
	-4339 Aug 07 j 18:45	0°♌	
evening max el	-4339 Aug 25 j 08:12	22°♌12'54	23°59'05
retrograde	-4339 Sep 05 j 05:16	28°♌37'20	
evening set	-4339 Sep 10 j 11:03	26°♌25'09	
inferior conj	-4339 Sep 15 j 19:36	20°♌04'39	0°-44'-43
minimum elong	-4339 Sep 15 j 20:39	20°♌01'08	0°44'10
min. Earth dist.	-4339 Sep 15 j 07:14	20°♌46'41	0.67321 AU
asc. node	-4339 Sep 18 j 00:18	17°♌11'26	
morning rise	-4339 Sep 21 j 06:25	13°♌54'01	
direct	-4339 Sep 25 j 03:36	12°♌28'25	
morning max el	-4339 Oct 03 j 09:27	17°♌18'49	20°49'12
greatest brilliancy	-4339 Oct 09 j 07:45	24°♌20'19	-0.5m
	-4339 Oct 13 j 11:31	0°♍	
desc. node	-4339 Oct 30 j 17:36	25°♍43'29	
morning set	-4339 Nov 01 j 11:21	28°♍25'31	
	-4339 Nov 02 j 11:35	0°♎	
max. Earth dist.	-4339 Nov 10 j 14:42	12°♎56'08	1.42952 AU
superior conj	-4339 Nov 17 j 05:08	23°♎49'42	-1°-36'-6
minimum elong	-4339 Nov 16 j 23:29	23°♎25'57	1°35'44
	-4339 Nov 20 j 20:22	0°♏	
evening rise	-4339 Nov 29 j 05:14	14°♏38'34	
	-4339 Dec 08 j 00:48	0°♐	
asc. node	-4339 Dec 14 j 23:07	10°♐00'00	
evening max el	-4339 Dec 16 j 05:23	11°♐21'33	18°08'10
retrograde	-4339 Dec 22 j 20:29	14°♐50'03	
evening set	-4339 Dec 25 j 12:33	14°♐15'46	
inferior conj	-4338 Jan 01 j 01:51	9°♐06'18	3°59'01
minimum elong	-4338 Jan 01 j 00:11	9°♐10'31	3°58'41
min. Earth dist.	-4338 Jan 03 j 22:02	6°♐15'27	0.62094 AU
morning rise	-4338 Jan 07 j 09:42	3°♐16'16	
direct	-4338 Jan 14 j 10:51	0°♐43'03	
desc. node	-4338 Jan 26 j 17:19	6°♐50'18	
morning max el	-4338 Jan 28 j 10:02	8°♐26'00	27°41'34
	-4338 Feb 14 j 01:39	0°♑	
morning set	-4338 Mar 02 j 14:02	29°♑44'16	
	-4338 Mar 02 j 17:08	0°♒	
max. Earth dist.	-4338 Mar 08 j 11:18	12°♒06'21	1.32846 AU
superior conj	-4338 Mar 09 j 23:53	15°♒24'07	0°-30'-11
minimum elong	-4338 Mar 10 j 01:14	15°♒31'25	0°30'04
asc. node	-4338 Mar 12 j 22:25	21°♒47'24	
	-4338 Mar 16 j 18:11	0°♓	
evening rise	-4338 Mar 17 j 01:10	0°♓36'53	
	-4338 Apr 02 j 11:21	0°♈	
evening max el	-4338 Apr 11 j 01:44	10°♈14'27	24°21'44
retrograde	-4338 Apr 24 j 23:07	17°♈14'06	
desc. node	-4338 Apr 24 j 16:01	17°♈13'54	
evening set	-4338 Apr 29 j 11:02	16°♈28'40	
min. Earth dist.	-4338 May 05 j 13:35	13°♈26'33	0.56740 AU
inferior conj	-4338 May 08 j 05:15	11°♈45'34	-3°-17'-57
minimum elong	-4338 May 07 j 23:38	11°♈54'32	3°16'42
morning rise	-4338 May 16 j 16:20	7°♈40'30	
direct	-4338 May 19 j 03:18	7°♈24'06	
morning max el	-4338 May 28 j 14:53	11°♈48'22	19°32'44
asc. node	-4338 Jun 08 j 22:09	27°♈46'33	
	-4338 Jun 10 j 03:12	0°♉	
morning set	-4338 Jun 14 j 23:17	9°♉24'19	
superior conj	-4338 Jun 23 j 03:06	25°♉44'03	1°44'36
minimum elong	-4338 Jun 23 j 01:21	25°♉35'24	1°44'40
	-4338 Jun 25 j 07:38	0°♊	
max. Earth dist.	-4338 Jun 29 j 00:44	7°♊02'17	1.37529 AU
evening rise	-4338 Jul 02 j 22:36	14°♊09'45	
	-4338 Jul 12 j 07:02	0°♋	
desc. node	-4338 Jul 21 j 14:45	14°♋13'31	
	-4338 Aug 02 j 12:59	0°♌	
evening max el	-4338 Aug 07 j 18:47	5°♌42'29	25°16'08
retrograde	-4338 Aug 19 j 16:35	12°♌37'13	
evening set	-4338 Aug 25 j 13:28	10°♌07'03	
min. Earth dist.	-4338 Aug 30 j 00:34	5°♌04'57	0.66914 AU
inferior conj	-4338 Aug 30 j 23:58	3°♌48'27	-1°-37'-7
minimum elong	-4338 Aug 31 j 02:11	3°♌41'10	1°36'05
	-4338 Sep 03 j 02:34	30°℞♋	
asc. node	-4338 Sep 04 j 21:26	28°♋18'48	
morning rise	-4338 Sep 05 j 15:25	27°♋45'59	
direct	-4338 Sep 09 j 01:31	26°♋38'09	
	-4338 Sep 15 j 13:14	0°♌	
morning max el	-4338 Sep 16 j 11:30	0°♌54'33	19°42'47
greatest brilliancy	-4338 Sep 24 j 18:43	11°♌26'29	-0.6m
	-4338 Oct 07 j 02:28	0°♍	
morning set	-4338 Oct 11 j 10:59	6°♍44'40	
desc. node	-4338 Oct 17 j 14:30	16°♍19'45	
max. Earth dist.	-4338 Oct 24 j 03:23	26°♍38'14	1.44201 AU
	-4338 Oct 26 j 06:01	0°♎	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4338 Oct 28 j 05:02	3°♎08'30	-1°-3'-53
minimum elong	-4338 Oct 27 j 22:22	2°♎41'42	1°03'08
evening rise	-4338 Nov 11 j 04:07	26°♎10'35	
	-4338 Nov 13 j 10:27	0°♏	
evening max el	-4338 Nov 29 j 18:06	24°♏40'36	18°20'52
asc. node	-4338 Dec 01 j 20:15	26°♏31'57	
retrograde	-4338 Dec 06 j 07:46	28°♏15'56	
evening set	-4338 Dec 09 j 03:39	27°♏33'05	
inferior conj	-4338 Dec 15 j 07:32	22°♏04'05	3°36'44
minimum elong	-4338 Dec 15 j 04:38	22°♏12'16	3°36'02
min. Earth dist.	-4338 Dec 17 j 13:32	19°♏32'45	0.63818 AU
morning rise	-4338 Dec 21 j 04:06	16°♏03'07	
direct	-4338 Dec 28 j 03:28	13°♏14'42	
morning max el	-4337 Jan 10 j 18:12	20°♏58'01	27°31'33
desc. node	-4337 Jan 13 j 14:22	23°♏56'45	
	-4337 Jan 18 j 15:49	0°♐	
	-4337 Feb 07 j 02:28	0°♑	
morning set	-4337 Feb 14 j 11:23	13°♑54'22	
max. Earth dist.	-4337 Feb 19 j 15:26	24°♑27'12	1.33485 AU
superior conj	-4337 Feb 22 j 07:16	0°♒04'47	0°-54'-27
minimum elong	-4337 Feb 22 j 09:36	0°♒17'11	0°54'13
	-4337 Feb 22 j 06:22	0°♒	
asc. node	-4337 Feb 27 j 19:27	11°♒52'23	
evening rise	-4337 Mar 01 j 12:35	15°♒29'48	
	-4337 Mar 08 j 20:42	0°♓	
evening max el	-4337 Mar 23 j 18:23	20°♓57'34	22°47'42
retrograde	-4337 Apr 05 j 22:43	27°♓25'16	
evening set	-4337 Apr 09 j 04:39	27°♓02'10	
desc. node	-4337 Apr 11 j 13:12	26°♓18'37	
min. Earth dist.	-4337 Apr 17 j 04:10	23°♓30'44	0.55534 AU
inferior conj	-4337 Apr 18 j 11:10	22°♓46'01	-1°-51'-18
minimum elong	-4337 Apr 18 j 06:28	22°♓52'49	1°49'53
morning rise	-4337 Apr 27 j 10:50	18°♓48'46	
direct	-4337 Apr 29 j 23:54	18°♓33'31	
morning max el	-4337 May 11 j 03:35	23°♓46'11	20°44'49
	-4337 May 16 j 14:08	0°♈	
asc. node	-4337 May 26 j 19:09	17°♈10'50	
morning set	-4337 May 30 j 05:22	24°♈02'39	
	-4337 Jun 02 j 02:39	0°♉	
superior conj	-4337 Jun 06 j 21:01	9°♉50'21	1°32'58
minimum elong	-4337 Jun 06 j 18:26	9°♉37'09	1°32'49
max. Earth dist.	-4337 Jun 11 j 08:18	18°♉48'04	1.35840 AU
evening rise	-4337 Jun 15 j 15:10	27°♉00'46	
	-4337 Jun 17 j 05:56	0°♊	
	-4337 Jul 05 j 15:27	0°♋	
desc. node	-4337 Jul 08 j 11:51	3°♋59'55	
evening max el	-4337 Jul 21 j 05:39	19°♋12'58	26°21'24
retrograde	-4337 Aug 02 j 23:12	26°♋27'00	
evening set	-4337 Aug 09 j 10:07	23°♋44'06	
min. Earth dist.	-4337 Aug 13 j 12:59	19°♋20'23	0.66165 AU
inferior conj	-4337 Aug 15 j 00:30	17°♋30'47	-2°-26'-43
minimum elong	-4337 Aug 15 j 03:42	17°♋20'56	2°25'26
morning rise	-4337 Aug 20 j 22:08	11°♋39'37	
asc. node	-4337 Aug 22 j 18:33	10°♋54'31	
direct	-4337 Aug 23 j 23:32	10°♋46'12	
morning max el	-4337 Aug 30 j 19:53	14°♋36'56	18°51'09
	-4337 Sep 11 j 01:58	0°♌	
morning set	-4337 Sep 21 j 04:13	15°♌58'39	
	-4337 Sep 30 j 00:30	0°♍	
desc. node	-4337 Oct 04 j 11:25	7°♍01'32	
superior conj	-4337 Oct 07 j 08:02	11°♍31'54	0°-18'00
minimum elong	-4337 Oct 07 j 05:40	11°♍22'38	0°17'38
max. Earth dist.	-4337 Oct 06 j 20:04	10°♍44'46	1.44788 AU
	-4337 Oct 18 j 23:34	0°♎	

evening rise	-4337 Oct 23 j 03:20	6°♎40'13	
	-4337 Nov 06 j 21:54	0°♏	
evening max el	-4337 Nov 13 j 05:33	8°♏05'08	18°51'28
asc. node	-4337 Nov 18 j 17:23	11°♏46'44	
retrograde	-4337 Nov 20 j 01:07	11°♏56'30	
evening set	-4337 Nov 23 j 02:36	11°♏02'56	
inferior conj	-4337 Nov 28 j 23:09	5°♏17'08	3°02'05
minimum elong	-4337 Nov 28 j 19:57	5°♏26'55	3°01'07
min. Earth dist.	-4337 Nov 30 j 14:41	3°♏16'17	0.65215 AU
	-4337 Dec 03 j 13:40	30°℞♎	
morning rise	-4337 Dec 04 j 12:14	29°♎08'13	
direct	-4337 Dec 11 j 02:37	26°♎19'20	
	-4337 Dec 19 j 18:26	0°♏	
morning max el	-4337 Dec 24 j 03:45	3°♏53'37	26°49'38
desc. node	-4337 Dec 31 j 11:21	12°♏11'54	
	-4336 Jan 13 j 01:39	0°♐	
morning set	-4336 Jan 28 j 22:11	27°♐27'34	
	-4336 Jan 30 j 05:50	0°♑	
max. Earth dist.	-4336 Feb 02 j 09:12	6°♑12'19	1.34553 AU
superior conj	-4336 Feb 06 j 09:31	14°♑25'00	-1°-16'-50
minimum elong	-4336 Feb 06 j 12:29	14°♑40'28	1°16'37
evening rise	-4336 Feb 13 j 22:10	0°♒11'21	
	-4336 Feb 13 j 19:58	0°♒	
asc. node	-4336 Feb 14 j 16:29	1°♒45'57	
	-4336 Mar 02 j 19:46	0°♓	
evening max el	-4336 Mar 04 j 17:12	1°♓56'09	21°18'05
retrograde	-4336 Mar 16 j 12:56	7°♓35'31	
evening set	-4336 Mar 19 j 01:18	7°♓21'03	
inferior conj	-4336 Mar 28 j 06:59	3°♓21'54	0°02'20
minimum elong	-4336 Mar 28 j 07:05	3°♓21'45	0°02'11
transit middle	-4336 Mar 28 j 07:05	3°♓21'45	0°02'11
transit begin	-4336 Mar 28 j 03:01	3°♓27'30	
transit end	-4336 Mar 28 j 11:09	3°♓16'01	
desc. node	-4336 Mar 28 j 10:21	3°♓17'09	
min. Earth dist.	-4336 Mar 28 j 18:25	3°♓05'45	0.55181 AU
	-4336 Apr 04 j 00:46	30°℞♒	
morning rise	-4336 Apr 06 j 12:27	29°♒16'03	
direct	-4336 Apr 09 j 12:22	28°♒56'22	
	-4336 Apr 14 j 18:47	0°♓	
morning max el	-4336 Apr 22 j 05:24	5°♓02'25	22°13'46
	-4336 May 09 j 04:51	0°♈	
asc. node	-4336 May 12 j 16:08	6°♈56'10	
morning set	-4336 May 13 j 15:19	8°♈55'55	
superior conj	-4336 May 20 j 22:56	24°♈22'50	1°16'19
minimum elong	-4336 May 20 j 20:16	24°♈08'47	1°15'59
	-4336 May 23 j 15:36	0°♉	
max. Earth dist.	-4336 May 24 j 01:46	0°♉52'21	1.34494 AU
evening rise	-4336 May 28 j 23:19	10°♉40'39	
	-4336 Jun 08 j 15:45	0°♊	
desc. node	-4336 Jun 24 j 08:57	23°♊13'05	
	-4336 Jun 30 j 03:29	0°♋	
evening max el	-4336 Jul 02 j 17:11	2°♋37'25	27°06'46
retrograde	-4336 Jul 16 j 00:30	9°♋59'51	
evening set	-4336 Jul 22 j 22:27	7°♋12'57	
min. Earth dist.	-4336 Jul 26 j 18:07	3°♋27'29	0.65048 AU
inferior conj	-4336 Jul 28 j 19:05	1°♋08'06	-3°-11'-16
minimum elong	-4336 Jul 28 j 22:47	0°♋57'34	3°10'05
	-4336 Jul 29 j 19:14	30°℞♊	
morning rise	-4336 Aug 04 j 00:25	25°♊31'36	
direct	-4336 Aug 06 j 19:30	24°♊49'19	
asc. node	-4336 Aug 08 j 15:36	25°♊07'28	
morning max el	-4336 Aug 13 j 08:41	28°♊22'44	18°16'03
	-4336 Aug 14 j 20:22	0°♋	
morning set	-4336 Sep 01 j 00:36	26°♋32'01	
	-4336 Sep 03 j 02:52	0°♌	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4336 Sep 15 j 10:00	19°♌57'10	0°30'55
minimum elong	-4336 Sep 15 j 13:43	20°♌12'01	0°30'35
max. Earth dist.	-4336 Sep 18 j 14:13	24°♌59'39	1.44649 AU
desc. node	-4336 Sep 20 j 08:22	27°♌46'02	
	-4336 Sep 21 j 18:24	0°♍	
evening rise	-4336 Oct 02 j 01:53	16°♍07'18	
	-4336 Oct 11 j 00:42	0°♎	
greatest brilliancy	-4336 Oct 18 j 04:11	10°♎44'38	-0.7m
evening max el	-4336 Oct 26 j 13:24	21°♎32'07	19°38'28
retrograde	-4336 Nov 02 j 21:34	25°♎47'45	
asc. node	-4336 Nov 04 j 14:30	25°♎30'53	
evening set	-4336 Nov 06 j 06:46	24°♎40'56	
inferior conj	-4336 Nov 11 j 21:47	18°♎41'19	2°19'13
minimum elong	-4336 Nov 11 j 18:58	18°♎50'29	2°18'12
min. Earth dist.	-4336 Nov 13 j 00:01	17°♎15'53	0.66255 AU
morning rise	-4336 Nov 17 j 06:28	12°♎26'57	
direct	-4336 Nov 23 j 07:31	9°♎49'16	
morning max el	-4336 Dec 05 j 12:55	17°♎02'11	25°43'28
	-4336 Dec 16 j 09:54	0°♏	
desc. node	-4336 Dec 17 j 08:20	1°♏15'50	
	-4335 Jan 05 j 00:04	0°♐	
morning set	-4335 Jan 10 j 17:56	10°♐10'27	
max. Earth dist.	-4335 Jan 14 j 15:25	17°♐27'11	1.36075 AU
superior conj	-4335 Jan 20 j 03:59	28°♐16'51	-1°-35'-46
minimum elong	-4335 Jan 20 j 07:00	28°♐32'00	1°35'41
	-4335 Jan 21 j 00:29	0°♑	
evening rise	-4335 Jan 28 j 04:00	14°♑35'33	
asc. node	-4335 Jan 31 j 13:32	21°♑22'40	
	-4335 Feb 05 j 05:20	0°♒	
evening max el	-4335 Feb 15 j 01:49	13°♒26'07	20°02'05
retrograde	-4335 Feb 25 j 05:05	18°♒14'26	
evening set	-4335 Feb 27 j 12:58	18°♒00'22	
inferior conj	-4335 Mar 08 j 06:24	14°♒00'09	1°52'25
minimum elong	-4335 Mar 08 j 10:48	13°♒53'28	1°50'55
min. Earth dist.	-4335 Mar 10 j 08:28	12°♒44'17	0.55762 AU
desc. node	-4335 Mar 15 j 07:29	10°♒10'23	
morning rise	-4335 Mar 17 j 05:48	9°♒30'18	
direct	-4335 Mar 21 j 04:46	8°♒55'49	
morning max el	-4335 Apr 03 j 22:50	15°♒46'04	23°52'18
	-4335 Apr 15 j 05:05	0°♓	
morning set	-4335 Apr 28 j 03:15	23°♓57'03	
asc. node	-4335 Apr 29 j 13:07	26°♓55'48	
	-4335 Apr 30 j 23:37	0°♈	
superior conj	-4335 May 05 j 06:06	9°♈12'04	0°56'05
minimum elong	-4335 May 05 j 03:52	9°♈00'06	0°55'41
max. Earth dist.	-4335 May 07 j 04:53	13°♈22'25	1.33513 AU
evening rise	-4335 May 12 j 18:30	24°♈54'43	
	-4335 May 15 j 08:24	0°♉	
	-4335 Jun 02 j 04:20	0°♊	
desc. node	-4335 Jun 11 j 06:04	11°♊38'08	
evening max el	-4335 Jun 15 j 03:38	15°♊42'34	27°25'13
retrograde	-4335 Jun 28 j 19:49	23°♊06'40	
evening set	-4335 Jul 05 j 23:13	20°♊27'41	
min. Earth dist.	-4335 Jul 09 j 14:01	17°♊16'07	0.63551 AU
inferior conj	-4335 Jul 12 j 05:02	14°♊34'13	-3°-47'-45
minimum elong	-4335 Jul 12 j 08:27	14°♊25'25	3°46'57
morning rise	-4335 Jul 18 j 19:35	9°♊15'40	
direct	-4335 Jul 21 j 10:30	8°♊41'53	
asc. node	-4335 Jul 26 j 12:39	10°♊48'14	
morning max el	-4335 Jul 27 j 23:25	12°♊06'28	17°58'31
	-4335 Aug 09 j 03:34	0°♋	
morning set	-4335 Aug 13 j 22:13	8°♋17'02	
superior conj	-4335 Aug 26 j 07:34	29°♋21'46	1°10'53
minimum elong	-4335 Aug 26 j 13:26	29°♋46'00	1°10'25
	-4335 Aug 26 j 16:50	0°♌	
max. Earth dist.	-4335 Sep 01 j 06:18	9°♌02'39	1.43802 AU
desc. node	-4335 Sep 07 j 05:19	18°♌29'38	
evening rise	-4335 Sep 11 j 07:33	24°♌51'54	
	-4335 Sep 14 j 15:38	0°♍	
greatest brilliancy	-4335 Oct 03 j 15:16	27°♍46'18	-0.5m
	-4335 Oct 05 j 08:35	0°♎	
evening max el	-4335 Oct 09 j 15:44	4°♎58'35	20°39'59
retrograde	-4335 Oct 17 j 18:45	9°♎46'21	
evening set	-4335 Oct 21 j 13:53	8°♎23'34	
asc. node	-4335 Oct 22 j 11:35	7°♎39'23	
inferior conj	-4335 Oct 27 j 01:02	2°♎13'29	1°30'56
minimum elong	-4335 Oct 26 j 23:03	2°♎20'14	1°30'09
min. Earth dist.	-4335 Oct 27 j 15:28	1°♎24'32	0.66945 AU
	-4335 Oct 28 j 16:48	30°℞♍	
morning rise	-4335 Nov 01 j 07:46	25°♍56'17	
direct	-4335 Nov 06 j 17:33	23°♍36'49	
	-4335 Nov 17 j 15:10	0°♎	
morning max el	-4335 Nov 17 j 21:42	0°♎16'20	24°22'30
desc. node	-4335 Dec 04 j 05:19	20°♎54'26	
	-4335 Dec 10 j 08:16	0°♏	
morning set	-4335 Dec 23 j 16:57	21°♏47'52	
max. Earth dist.	-4335 Dec 27 j 13:20	28°♏37'01	1.37966 AU
	-4335 Dec 28 j 07:39	0°♐	
superior conj	-4334 Jan 03 j 11:18	11°♐30'57	-1°-49'-7
minimum elong	-4334 Jan 03 j 13:23	11°♐40'59	1°49'14
evening rise	-4334 Jan 12 j 03:54	28°♐36'25	
	-4334 Jan 12 j 20:51	0°♑	
asc. node	-4334 Jan 18 j 10:34	10°♑36'33	
evening max el	-4334 Jan 28 j 20:45	25°♑31'47	19°04'29
retrograde	-4334 Feb 06 j 11:24	29°♑39'03	
evening set	-4334 Feb 08 j 20:38	29°♑21'26	
inferior conj	-4334 Feb 16 j 21:32	25°♑06'51	3°12'00
minimum elong	-4334 Feb 17 j 02:16	24°♑58'34	3°10'49
min. Earth dist.	-4334 Feb 19 j 23:36	22°♑58'39	0.57130 AU
morning rise	-4334 Feb 25 j 04:10	20°♑07'03	
direct	-4334 Mar 02 j 08:49	19°♑03'38	
desc. node	-4334 Mar 02 j 04:35	19°♑03'43	
morning max el	-4334 Mar 16 j 13:48	26°♑22'14	25°27'36
	-4334 Mar 20 j 00:36	0°♒	
	-4334 Apr 08 j 05:08	0°♓	
morning set	-4334 Apr 12 j 15:25	8°♓59'55	
asc. node	-4334 Apr 16 j 10:07	17°♓04'41	
superior conj	-4334 Apr 19 j 16:26	24°♓10'59	0°33'23
minimum elong	-4334 Apr 19 j 15:00	24°♓03'14	0°33'03
max. Earth dist.	-4334 Apr 20 j 14:47	26°♓12'36	1.32887 AU
	-4334 Apr 22 j 08:49	0°♈	
evening rise	-4334 Apr 26 j 21:20	9°♈31'58	
	-4334 May 07 j 17:02	0°♉	
evening max el	-4334 May 28 j 10:31	28°♉15'37	27°12'01
desc. node	-4334 May 29 j 03:10	28°♉54'45	
	-4334 May 30 j 08:25	0°♊	
retrograde	-4334 Jun 11 j 08:40	5°♊38'36	
evening set	-4334 Jun 18 j 08:35	3°♊21'34	
min. Earth dist.	-4334 Jun 21 j 23:53	0°♊33'17	0.61716 AU
	-4334 Jun 22 j 14:56	30°℞♉	
inferior conj	-4334 Jun 25 j 03:13	27°♉42'05	-4°-11'-28
minimum elong	-4334 Jun 25 j 05:10	27°♉37'38	4°11'10
morning rise	-4334 Jul 02 j 04:28	22°♉44'19	
direct	-4334 Jul 04 j 17:03	22°♉17'01	
morning max el	-4334 Jul 11 j 13:26	25°♉42'23	17°59'26
asc. node	-4334 Jul 13 j 09:42	27°♉42'02	
	-4334 Jul 15 j 04:56	0°♊	
morning set	-4334 Jul 27 j 15:49	20°♊59'30	
	-4334 Aug 01 j 15:01	0°♋	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4334 Aug 07 j 08:48	10°♋08'47	1°36'20
minimum elong	-4334 Aug 07 j 12:58	10°♋26'53	1°36'14
max. Earth dist.	-4334 Aug 14 j 17:14	22°♋34'47	1.42371 AU
	-4334 Aug 19 j 06:50	0°♌	
evening rise	-4334 Aug 21 j 14:46	3°♌42'26	
desc. node	-4334 Aug 25 j 02:16	9°♌09'02	
	-4334 Sep 08 j 02:02	0°♍	
greatest brilliancy	-4334 Sep 17 j 15:25	12°♍52'22	-0.4m
evening max el	-4334 Sep 22 j 11:42	18°♍23'21	21°52'55
retrograde	-4334 Oct 01 j 14:48	23°♍48'51	
evening set	-4334 Oct 05 j 21:59	22°♍07'49	
asc. node	-4334 Oct 09 j 08:42	18°♍26'39	
inferior conj	-4334 Oct 11 j 06:52	15°♍50'47	0°39'16
minimum elong	-4334 Oct 11 j 05:57	15°♍53'54	0°38'56
min. Earth dist.	-4334 Oct 11 j 10:39	15°♍37'41	0.67321 AU
morning rise	-4334 Oct 16 j 13:43	9°♍33'32	
direct	-4334 Oct 21 j 08:14	7°♍35'18	
morning max el	-4334 Oct 31 j 07:58	13°♍33'02	22°56'09
greatest brilliancy	-4334 Nov 05 j 04:45	19°♍01'23	-0.3m
	-4334 Nov 13 j 12:41	0°♎	
desc. node	-4334 Nov 21 j 02:14	10°♎56'53	
	-4334 Dec 03 j 06:56	0°♏	
morning set	-4334 Dec 04 j 13:15	2°♏04'26	
max. Earth dist.	-4334 Dec 09 j 09:41	10°♏14'08	1.40029 AU
superior conj	-4334 Dec 17 j 02:50	23°♏54'15	-1°-54'-5
minimum elong	-4334 Dec 17 j 02:39	23°♏53'24	1°54'15
	-4334 Dec 20 j 09:55	0°♐	
evening rise	-4334 Dec 26 j 19:00	12°♐05'52	
asc. node	-4333 Jan 05 j 07:37	29°♐19'14	
	-4333 Jan 05 j 17:52	0°♑	
evening max el	-4333 Jan 12 j 00:13	8°♑07'49	18°26'55
retrograde	-4333 Jan 19 j 12:03	11°♑48'44	
evening set	-4333 Jan 21 j 23:49	11°♑25'35	
inferior conj	-4333 Jan 29 j 08:58	6°♑50'43	3°53'50
minimum elong	-4333 Jan 29 j 11:16	6°♑46'03	3°53'25
min. Earth dist.	-4333 Feb 01 j 18:06	4°♑07'24	0.58989 AU
morning rise	-4333 Feb 05 j 19:17	1°♑26'03	
	-4333 Feb 09 j 14:16	30°℞♐	
direct	-4333 Feb 12 j 01:55	29°♐43'52	
	-4333 Feb 14 j 14:24	0°♑	
desc. node	-4333 Feb 17 j 01:42	0°♑45'43	
morning max el	-4333 Feb 26 j 08:00	7°♑17'40	26°44'29
	-4333 Mar 15 j 08:30	0°♒	
morning set	-4333 Mar 28 j 02:07	23°♒57'33	
	-4333 Mar 30 j 22:30	0°♓	
asc. node	-4333 Apr 03 j 07:06	7°♓17'48	
superior conj	-4333 Apr 04 j 04:06	9°♓12'42	0°09'08
minimum elong	-4333 Apr 04 j 03:42	9°♓10'29	0°08'58
behind sun begin	-4333 Apr 03 j 23:34	8°♓47'51	
behind sun end	-4333 Apr 04 j 07:50	9°♓33'08	
max. Earth dist.	-4333 Apr 04 j 03:53	9°♓11'30	1.32598 AU
evening rise	-4333 Apr 11 j 05:08	24°♓23'00	
	-4333 Apr 13 j 22:57	0°♈	
	-4333 May 01 j 18:07	0°♉	
evening max el	-4333 May 10 j 11:48	10°♉08'08	26°26'20
desc. node	-4333 May 16 j 00:18	14°♉34'45	
retrograde	-4333 May 24 j 13:49	17°♉27'37	
evening set	-4333 May 30 j 22:28	15°♉45'00	
min. Earth dist.	-4333 Jun 04 j 00:55	13°♉03'43	0.59680 AU
inferior conj	-4333 Jun 07 j 10:03	10°♉23'04	-4°-15'-24
minimum elong	-4333 Jun 07 j 09:10	10°♉24'51	4°15'16
morning rise	-4333 Jun 14 j 23:28	5°♉47'18	
direct	-4333 Jun 17 j 10:52	5°♉25'07	
morning max el	-4333 Jun 24 j 23:53	9°♉02'46	18°19'47
asc. node	-4333 Jun 30 j 06:46	15°♉33'36	
	-4333 Jul 08 j 15:51	0°♊	
morning set	-4333 Jul 11 j 00:23	4°♊26'56	
superior conj	-4333 Jul 20 j 11:10	22°♊11'33	1°47'53
minimum elong	-4333 Jul 20 j 12:33	22°♊17'54	1°48'03
	-4333 Jul 24 j 19:32	0°♋	
max. Earth dist.	-4333 Jul 27 j 22:11	5°♋24'34	1.40556 AU
evening rise	-4333 Aug 01 j 17:46	13°♋30'15	
desc. node	-4333 Aug 11 j 23:15	29°♋40'54	
	-4333 Aug 12 j 04:17	0°♌	
greatest brilliancy	-4333 Aug 30 j 09:32	25°♌23'54	-0.2m
	-4333 Sep 03 j 08:40	0°♍	
evening max el	-4333 Sep 05 j 02:15	1°♍48'52	23°12'39
retrograde	-4333 Sep 15 j 08:14	7°♍53'09	
evening set	-4333 Sep 20 j 05:17	5°♍52'31	
	-4333 Sep 25 j 05:25	30°℞♌	
inferior conj	-4333 Sep 25 j 13:29	29°♌32'13	0°-13'-57
minimum elong	-4333 Sep 25 j 13:48	29°♌31'07	0°13'44
transit middle	-4333 Sep 25 j 13:48	29°♌31'07	0°13'44
transit begin	-4333 Sep 25 j 12:20	29°♌36'10	
transit end	-4333 Sep 25 j 15:17	29°♌26'03	
min. Earth dist.	-4333 Sep 25 j 07:07	29°♌54'08	0.67404 AU
asc. node	-4333 Sep 26 j 05:50	28°♌36'10	
morning rise	-4333 Sep 30 j 22:21	23°♌18'01	
direct	-4333 Oct 05 j 02:48	21°♌40'54	
morning max el	-4333 Oct 13 j 22:51	26°♌54'59	21°32'56
	-4333 Oct 16 j 18:11	0°♍	
greatest brilliancy	-4333 Oct 19 j 02:17	2°♍50'38	-0.4m
	-4333 Nov 07 j 03:08	0°♎	
desc. node	-4333 Nov 07 j 23:09	1°♎16'27	
morning set	-4333 Nov 14 j 05:24	11°♎00'55	
max. Earth dist.	-4333 Nov 21 j 10:57	22°♎41'06	1.41988 AU
	-4333 Nov 25 j 19:56	0°♏	
superior conj	-4333 Nov 28 j 21:06	5°♏13'28	-1°-47'-2
minimum elong	-4333 Nov 28 j 17:26	4°♏57'35	1°46'57
evening rise	-4333 Dec 09 j 21:53	24°♏56'30	
	-4333 Dec 12 j 16:32	0°♐	
asc. node	-4333 Dec 23 j 04:41	17°♐21'08	
evening max el	-4333 Dec 26 j 09:37	21°♐06'45	18°09'25
retrograde	-4332 Jan 02 j 05:21	24°♐35'47	
evening set	-4332 Jan 04 j 19:47	24°♐05'51	
inferior conj	-4332 Jan 11 j 15:36	19°♐09'01	4°03'58
minimum elong	-4332 Jan 11 j 15:08	19°♐10'06	4°03'45
min. Earth dist.	-4332 Jan 14 j 18:48	16°♐14'20	0.60997 AU
morning rise	-4332 Jan 18 j 07:55	13°♐26'54	
direct	-4332 Jan 25 j 05:55	11°♐08'41	
desc. node	-4332 Feb 03 j 22:47	15°♐01'47	
morning max el	-4332 Feb 08 j 08:08	18°♐49'34	27°30'53
	-4332 Feb 17 j 19:54	0°♑	
	-4332 Mar 07 j 00:42	0°♒	
morning set	-4332 Mar 11 j 09:29	8°♒43'10	
max. Earth dist.	-4332 Mar 17 j 16:32	22°♒06'15	1.32653 AU
superior conj	-4332 Mar 18 j 15:29	24°♒11'14	0°-15'-50
minimum elong	-4332 Mar 18 j 16:12	24°♒15'07	0°15'49
asc. node	-4332 Mar 20 j 04:06	27°♒31'05	
	-4332 Mar 21 j 07:25	0°♓	
evening rise	-4332 Mar 25 j 15:48	9°♓20'20	
	-4332 Apr 05 j 10:20	0°♈	
evening max el	-4332 Apr 21 j 07:09	21°♈20'41	25°12'42
desc. node	-4332 May 01 j 21:28	28°♈02'14	
retrograde	-4332 May 05 j 08:42	28°♈30'25	
evening set	-4332 May 10 j 14:42	27°♈26'21	
min. Earth dist.	-4332 May 15 j 19:36	24°♈35'27	0.57710 AU
inferior conj	-4332 May 18 j 22:08	22°♈27'39	-3°-49'-51
minimum elong	-4332 May 18 j 17:49	22°♈35'07	3°49'08

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4332 May 27 j 01:03	18°♈12'28		
direct	-4332 May 29 j 11:59	17°♈54'18		
morning max el	-4332 Jun 07 j 03:46	21°♈57'39	19°00'15	
	-4332 Jun 13 j 14:20	0°♉		
asc. node	-4332 Jun 16 j 03:48	4°♉09'13		
morning set	-4332 Jun 23 j 19:43	18°♉28'20		
	-4332 Jun 29 j 16:10	0°♊		
superior conj	-4332 Jul 02 j 08:52	5°♊13'23	1°48'18	
minimum elong	-4332 Jul 02 j 07:59	5°♊09'09	1°48'28	
max. Earth dist.	-4332 Jul 08 j 23:51	17°♊33'43	1.38610 AU	
evening rise	-4332 Jul 12 j 23:08	24°♊34'47		
	-4332 Jul 16 j 03:28	0°♋		
desc. node	-4332 Jul 28 j 20:17	20°♋00'10		
	-4332 Aug 04 j 21:14	0°♌		
evening max el	-4332 Aug 17 j 13:42	15°♌17'09	24°32'53	
retrograde	-4332 Aug 28 j 21:53	21°♌55'29		
evening set	-4332 Sep 03 j 10:00	19°♌35'34		
min. Earth dist.	-4332 Sep 08 j 02:20	14°♌12'01	0.67187 AU	
inferior conj	-4332 Sep 08 j 19:11	13°♌15'32	-1°-7'-9	
minimum elong	-4332 Sep 08 j 20:44	13°♌10'19	1°06'22	
asc. node	-4332 Sep 12 j 02:58	9°♌06'46		
morning rise	-4332 Sep 14 j 07:45	7°♌07'44		
direct	-4332 Sep 18 j 00:00	5°♌49'54		
morning max el	-4332 Sep 25 j 20:33	10°♌24'48	20°19'13	
greatest brilliancy	-4332 Oct 02 j 14:53	18°♌38'29	-0.6m	
	-4332 Oct 10 j 13:08	0°♍		
morning set	-4332 Oct 23 j 04:32	19°♍14'06		
desc. node	-4332 Oct 24 j 20:03	21°♍47'36		
	-4332 Oct 30 j 01:34	0°♎		
max. Earth dist.	-4332 Nov 02 j 19:54	5°♎59'54	1.43564 AU	
superior conj	-4332 Nov 08 j 12:55	15°♎16'31	-1°-24'-27	
minimum elong	-4332 Nov 08 j 06:17	14°♎49'13	1°23'53	
	-4332 Nov 17 j 07:07	0°♏		
evening rise	-4332 Nov 21 j 08:17	6°♏59'32		
	-4332 Dec 05 j 07:29	0°♐		
evening max el	-4332 Dec 08 j 21:58	4°♐20'27	18°11'20	
asc. node	-4332 Dec 09 j 01:47	4°♐30'01		
retrograde	-4332 Dec 15 j 11:18	7°♐50'13		
evening set	-4332 Dec 18 j 04:56	7°♐12'22		
inferior conj	-4332 Dec 24 j 13:57	1°♐54'21	3°51'21	
minimum elong	-4332 Dec 24 j 11:38	2°♐00'31	3°50'52	
	-4332 Dec 26 j 09:05	30°℞♏		
min. Earth dist.	-4332 Dec 27 j 04:20	29°♏10'09	0.62872 AU	
morning rise	-4332 Dec 30 j 16:32	25°♏59'36		
direct	-4331 Jan 06 j 18:13	23°♏17'58		
	-4331 Jan 19 j 12:23	0°♐		
morning max el	-4331 Jan 20 j 13:53	1°♐01'09	27°41'30	
desc. node	-4331 Jan 20 j 19:51	1°♐15'56		
	-4331 Feb 10 j 21:53	0°♑		
morning set	-4331 Feb 23 j 11:18	23°♑09'11		
	-4331 Feb 26 j 19:17	0°♒		
max. Earth dist.	-4331 Mar 01 j 01:03	4°♒44'06	1.33070 AU	
superior conj	-4331 Mar 03 j 00:53	9°♒00'40	0°-40'-38	
minimum elong	-4331 Mar 03 j 02:40	9°♒10'19	0°40'27	
asc. node	-4331 Mar 07 j 01:06	17°♒40'37		
evening rise	-4331 Mar 10 j 03:29	24°♒17'23		
	-4331 Mar 12 j 21:51	0°♓		
	-4331 Mar 31 j 21:03	0°♈		
evening max el	-4331 Apr 02 j 23:19	2°♈08'03	23°42'01	
retrograde	-4331 Apr 16 j 15:02	8°♈55'37		
desc. node	-4331 Apr 18 j 18:38	8°♈45'18		
evening set	-4331 Apr 20 j 13:23	8°♈21'37		
min. Earth dist.	-4331 Apr 27 j 10:44	5°♈08'41	0.56137 AU	
inferior conj	-4331 Apr 29 j 14:15	3°♈50'55	-2°-45'-52	
minimum elong	-4331 Apr 29 j 08:26	3°♈59'44	2°44'19	
	-4331 May 07 j 14:56	30°℞♓		
morning rise	-4331 May 08 j 07:03	29°♓50'39		
direct	-4331 May 10 j 18:35	29°♓34'59		
	-4331 May 13 j 19:46	0°♈		
morning max el	-4331 May 20 j 22:30	4°♈18'27	20°01'04	
asc. node	-4331 Jun 03 j 00:49	23°♈18'37		
	-4331 Jun 06 j 11:37	0°♉		
morning set	-4331 Jun 07 j 22:39	2°♉55'43		
superior conj	-4331 Jun 15 j 20:41	18°♉59'58	1°40'23	
minimum elong	-4331 Jun 15 j 18:28	18°♉48'54	1°40'22	
max. Earth dist.	-4331 Jun 21 j 03:58	29°♉22'01	1.36776 AU	
	-4331 Jun 21 j 11:57	0°♊		
evening rise	-4331 Jun 25 j 04:23	6°♊50'58		
	-4331 Jul 08 j 23:06	0°♋		
desc. node	-4331 Jul 15 j 17:20	10°♋00'47		
evening max el	-4331 Jul 31 j 00:27	28°♋48'08	25°45'51	
	-4331 Aug 01 j 06:40	0°♌		
retrograde	-4331 Aug 12 j 07:04	5°♌51'35		
evening set	-4331 Aug 18 j 10:13	3°♌15'16		
	-4331 Aug 21 j 12:36	30°℞♋		
min. Earth dist.	-4331 Aug 22 j 17:48	28°♋29'25	0.66644 AU	
inferior conj	-4331 Aug 23 j 22:09	26°♋58'48	-1°-58'-37	
minimum elong	-4331 Aug 24 j 00:49	26°♋50'15	1°57'26	
morning rise	-4331 Aug 29 j 16:02	21°♋00'46		
asc. node	-4331 Aug 30 j 00:06	20°♋48'46		
direct	-4331 Sep 01 j 22:15	19°♋59'19		
morning max el	-4331 Sep 09 j 01:27	24°♋03'18	19°18'54	
	-4331 Sep 13 j 23:54	0°♌		
greatest brilliancy	-4331 Sep 19 j 14:38	8°♌03'56	-0.7m	
morning set	-4331 Oct 02 j 09:35	27°♌51'13		
	-4331 Oct 03 j 18:30	0°♍		
desc. node	-4331 Oct 11 j 16:58	12°♍26'28		
max. Earth dist.	-4331 Oct 16 j 11:15	19°♍56'50	1.44545 AU	
superior conj	-4331 Oct 19 j 02:15	24°♍06'35	0°-45'-37	
minimum elong	-4331 Oct 18 j 20:48	23°♍44'52	0°44'55	
	-4331 Oct 22 j 18:48	0°♎		
evening rise	-4331 Nov 02 j 21:33	18°♎06'01		
	-4331 Nov 10 j 02:32	0°♏		
evening max el	-4331 Nov 22 j 10:28	17°♏42'22	18°31'44	
asc. node	-4331 Nov 25 j 22:54	20°♏31'10		
retrograde	-4331 Nov 29 j 01:38	21°♏23'18		
evening set	-4331 Dec 01 j 23:45	20°♏36'01		
inferior conj	-4331 Dec 08 j 00:15	14°♏59'14	3°23'14	
minimum elong	-4331 Dec 07 j 21:07	15°♏08'23	3°22'25	
min. Earth dist.	-4331 Dec 09 j 23:53	12°♏40'17	0.64458 AU	
morning rise	-4331 Dec 13 j 17:14	8°♏54'40		
direct	-4331 Dec 20 j 13:25	6°♏04'46		
morning max el	-4330 Jan 02 j 23:00	13°♏44'48	27°17'18	
desc. node	-4330 Jan 07 j 16:52	18°♏54'25		
	-4330 Jan 16 j 04:52	0°♐		
	-4330 Feb 03 j 11:31	0°♑		
morning set	-4330 Feb 07 j 04:36	7°♑04'54		
max. Earth dist.	-4330 Feb 12 j 01:25	16°♑51'38	1.33890 AU	
superior conj	-4330 Feb 15 j 06:20	23°♑33'24	-1°-4'-15	
minimum elong	-4330 Feb 15 j 09:00	23°♑47'25	1°04'01	
	-4330 Feb 18 j 07:08	0°♒		
asc. node	-4330 Feb 21 j 22:06	7°♒41'18		
evening rise	-4330 Feb 22 j 14:21	9°♒06'26		
	-4330 Mar 05 j 16:57	0°♓		
evening max el	-4330 Mar 15 j 17:47	12°♓54'16	22°08'17	
retrograde	-4330 Mar 28 j 09:37	19°♓02'56		
evening set	-4330 Mar 31 j 06:31	18°♓44'41		
desc. node	-4330 Apr 05 j 15:48	16°♓45'52		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4330 Apr 09 j 00:42	14°♓56'48	0.55274 AU
inferior conj	-4330 Apr 09 j 14:21	14°♓37'33	-1°-4'-48
minimum elong	-4330 Apr 09 j 11:24	14°♓41'43	1°03'54
morning rise	-4330 Apr 18 j 17:46	10°♓39'19	
direct	-4330 Apr 21 j 10:07	10°♓23'06	
morning max el	-4330 May 03 j 06:26	15°♓57'55	21°20'57
	-4330 May 13 j 22:46	0°♈	
asc. node	-4330 May 20 j 21:48	12°♈52'30	
morning set	-4330 May 23 j 06:36	17°♈41'03	
	-4330 May 29 j 04:13	0°♉	
superior conj	-4330 May 30 j 18:22	3°♉18'17	1°26'25
minimum elong	-4330 May 30 j 15:40	3°♉04'20	1°26'11
max. Earth dist.	-4330 Jun 03 j 15:38	11°♉13'52	1.35222 AU
evening rise	-4330 Jun 08 j 04:08	20°♉03'53	
	-4330 Jun 13 j 13:53	0°♊	
desc. node	-4330 Jul 02 j 14:26	29°♊34'12	
	-4330 Jul 02 j 22:13	0°♋	
evening max el	-4330 Jul 13 j 11:32	12°♋16'24	26°43'32
retrograde	-4330 Jul 26 j 11:22	19°♋35'01	
evening set	-4330 Aug 02 j 03:40	16°♋48'50	
min. Earth dist.	-4330 Aug 06 j 03:13	12°♋41'57	0.65737 AU
inferior conj	-4330 Aug 07 j 20:24	10°♋38'55	-2°-46'-25
minimum elong	-4330 Aug 07 j 23:53	10°♋28'32	2°45'08
morning rise	-4330 Aug 13 j 21:09	4°♋53'54	
direct	-4330 Aug 16 j 19:36	4°♋05'38	
asc. node	-4330 Aug 16 j 21:12	4°♋05'39	
morning max el	-4330 Aug 23 j 12:03	7°♋47'43	18°34'13
	-4330 Sep 07 j 20:46	0°♌	
morning set	-4330 Sep 12 j 14:03	7°♌38'27	
	-4330 Sep 26 j 13:48	0°♍	
superior conj	-4330 Sep 28 j 01:53	2°♍22'24	0°03'12
minimum elong	-4330 Sep 28 j 02:18	2°♍24'05	0°03'15
behind sun begin	-4330 Sep 27 j 15:06	1°♍39'55	
behind sun end	-4330 Sep 28 j 13:29	3°♍08'13	
desc. node	-4330 Sep 28 j 13:54	3°♍09'49	
max. Earth dist.	-4330 Sep 29 j 05:15	4°♍10'19	1.44813 AU
evening rise	-4330 Oct 14 j 10:07	28°♍08'55	
	-4330 Oct 15 j 14:10	0°♎	
	-4330 Nov 04 j 19:21	0°♏	
evening max el	-4330 Nov 05 j 20:35	1°♏08'18	19°09'29
retrograde	-4330 Nov 12 j 20:49	5°♏09'23	
asc. node	-4330 Nov 12 j 20:01	5°♏09'23	
evening set	-4330 Nov 16 j 01:15	4°♏10'32	
	-4330 Nov 20 j 10:23	30°℞♎	
inferior conj	-4330 Nov 21 j 19:13	28°♎18'10	2°44'45
minimum elong	-4330 Nov 21 j 16:07	28°♎27'58	2°43'44
min. Earth dist.	-4330 Nov 23 j 04:50	26°♎32'10	0.65695 AU
morning rise	-4330 Nov 27 j 06:04	22°♎06'26	
direct	-4330 Dec 03 j 15:00	19°♎21'21	
morning max el	-4330 Dec 16 j 08:49	26°♎48'35	26°24'01
	-4330 Dec 19 j 09:02	0°♏	
desc. node	-4330 Dec 25 j 13:50	7°♏32'40	
	-4329 Jan 09 j 19:24	0°♐	
morning set	-4329 Jan 21 j 09:40	20°♐19'01	
max. Earth dist.	-4329 Jan 25 j 14:28	28°♐23'35	1.35150 AU
	-4329 Jan 26 j 09:59	0°♑	
superior conj	-4329 Jan 30 j 05:38	7°♑42'35	-1°-25'-23
minimum elong	-4329 Jan 30 j 08:43	7°♑58'25	1°25'13
evening rise	-4329 Feb 06 j 22:36	23°♑41'35	
asc. node	-4329 Feb 08 j 19:06	27°♑28'23	
	-4329 Feb 10 j 01:27	0°♒	
evening max el	-4329 Feb 25 j 20:22	24°♒04'26	20°43'36
retrograde	-4329 Mar 08 j 23:28	29°♒22'08	
evening set	-4329 Mar 11 j 08:28	29°♒08'37	
inferior conj	-4329 Mar 20 j 09:55	25°♒10'45	0°51'27
minimum elong	-4329 Mar 20 j 12:12	25°♒07'27	0°50'32
min. Earth dist.	-4329 Mar 21 j 14:55	24°♒28'53	0.55319 AU
desc. node	-4329 Mar 23 j 12:55	23°♒24'29	
morning rise	-4329 Mar 29 j 14:23	20°♒56'01	
direct	-4329 Apr 01 j 22:21	20°♒31'51	
morning max el	-4329 Apr 15 j 04:19	26°♒58'38	22°55'11
	-4329 Apr 18 j 02:18	0°♓	
	-4329 May 06 j 11:03	0°♈	
morning set	-4329 May 07 j 17:35	2°♈38'00	
asc. node	-4329 May 07 j 18:47	2°♈44'17	
superior conj	-4329 May 14 j 22:47	17°♈58'45	1°08'05
minimum elong	-4329 May 14 j 20:15	17°♈45'16	1°07'43
max. Earth dist.	-4329 May 17 j 13:07	23°♈27'19	1.34029 AU
	-4329 May 20 j 17:30	0°♉	
evening rise	-4329 May 22 j 17:25	3°♉59'18	
	-4329 Jun 06 j 08:19	0°♊	
desc. node	-4329 Jun 19 j 11:32	18°♊28'41	
evening max el	-4329 Jun 25 j 22:35	25°♊32'54	27°18'14
	-4329 Jul 01 j 07:49	0°♋	
retrograde	-4329 Jul 09 j 10:22	2°♋57'34	
evening set	-4329 Jul 16 j 11:31	0°♋12'05	
	-4329 Jul 16 j 17:35	30°℞♊	
min. Earth dist.	-4329 Jul 20 j 04:31	26°♊42'06	0.64450 AU
inferior conj	-4329 Jul 22 j 11:37	24°♊11'34	-3°-28'-2
minimum elong	-4329 Jul 22 j 15:19	24°♊01'26	3°26'58
morning rise	-4329 Jul 28 j 20:43	18°♊42'34	
direct	-4329 Jul 31 j 13:40	18°♊04'23	
asc. node	-4329 Aug 03 j 18:16	18°♊57'04	
morning max el	-4329 Aug 07 j 02:01	21°♊33'10	18°06'24
	-4329 Aug 13 j 13:36	0°♋	
morning set	-4329 Aug 24 j 21:37	18°♋42'58	
	-4329 Aug 31 j 15:03	0°♌	
superior conj	-4329 Sep 07 j 10:14	11°♌07'19	0°49'30
minimum elong	-4329 Sep 07 j 15:28	11°♌28'29	0°49'00
max. Earth dist.	-4329 Sep 11 j 22:20	18°♌20'03	1.44358 AU
desc. node	-4329 Sep 15 j 10:51	23°♌54'04	
	-4329 Sep 19 j 08:17	0°♍	
evening rise	-4329 Sep 23 j 23:41	7°♍12'39	
	-4329 Oct 08 j 23:21	0°♎	
greatest brilliancy	-4329 Oct 12 j 21:47	5°♎38'33	-0.6m
evening max el	-4329 Oct 20 j 02:10	14°♎34'43	20°03'03
retrograde	-4329 Oct 27 j 17:52	19°♎03'38	
asc. node	-4329 Oct 30 j 17:08	18°♎12'23	
evening set	-4329 Oct 31 j 06:54	17°♎50'32	
inferior conj	-4329 Nov 05 j 20:05	11°♎46'05	1°59'18
minimum elong	-4329 Nov 05 j 17:35	11°♎54'25	1°58'21
min. Earth dist.	-4329 Nov 06 j 17:11	10°♎35'55	0.66583 AU
morning rise	-4329 Nov 11 j 03:37	5°♎29'55	
direct	-4329 Nov 16 j 22:15	2°♎59'11	
morning max el	-4329 Nov 28 j 17:43	10°♎00'06	25°10'16
desc. node	-4329 Dec 12 j 10:48	26°♎52'38	
	-4329 Dec 14 j 15:40	0°♏	
	-4328 Jan 02 j 10:12	0°♐	
morning set	-4328 Jan 03 j 21:23	2°♐36'14	
max. Earth dist.	-4328 Jan 07 j 16:07	9°♐30'39	1.36840 AU
superior conj	-4328 Jan 13 j 19:49	21°♐19'31	-1°-42'-16
minimum elong	-4328 Jan 13 j 22:35	21°♐33'10	1°42'16
	-4328 Jan 18 j 03:55	0°♑	
evening rise	-4328 Jan 22 j 02:11	7°♑56'17	
asc. node	-4328 Jan 26 j 16:08	16°♑56'03	
	-4328 Feb 03 j 11:03	0°♒	
evening max el	-4328 Feb 08 j 09:32	5°♒50'06	19°35'11
retrograde	-4328 Feb 17 j 20:22	10°♒19'01	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-4328 Feb 20 j 04:21	10°♒03'53	
inferior conj	-4328 Feb 28 j 14:59	5°♒59'08	2°30'45
minimum elong	-4328 Feb 28 j 20:01	5°♒51'03	2°29'14
min. Earth dist.	-4328 Mar 02 j 05:35	4°♒19'11	0.56263 AU
morning rise	-4328 Mar 08 j 08:07	1°♒16'04	
desc. node	-4328 Mar 09 j 10:01	0°♒57'06	
direct	-4328 Mar 12 j 19:35	0°♒30'48	
morning max el	-4328 Mar 26 j 19:57	7°♒35'56	24°34'03
	-4328 Apr 12 j 03:32	0°♓	
morning set	-4328 Apr 21 j 05:49	17°♓40'42	
asc. node	-4328 Apr 23 j 15:45	22°♓48'29	
	-4328 Apr 26 j 23:35	0°♈	
superior conj	-4328 Apr 28 j 07:34	2°♈53'21	0°46'41
minimum elong	-4328 Apr 28 j 05:39	2°♈42'57	0°46'20
max. Earth dist.	-4328 Apr 29 j 19:23	6°♈06'33	1.33203 AU
evening rise	-4328 May 05 j 16:15	18°♈25'00	
	-4328 May 11 j 15:12	0°♉	
	-4328 May 30 j 18:43	0°♊	
desc. node	-4328 Jun 05 j 08:38	6°♊27'58	
evening max el	-4328 Jun 07 j 07:55	8°♊26'31	27°23'43
retrograde	-4328 Jun 21 j 03:19	15°♊50'47	
evening set	-4328 Jun 28 j 06:16	13°♊19'36	
min. Earth dist.	-4328 Jul 01 j 20:25	10°♊19'20	0.62799 AU
inferior conj	-4328 Jul 04 j 17:01	7°♊31'27	-3°-59'-47
minimum elong	-4328 Jul 04 j 19:58	7°♊24'11	3°59'12
morning rise	-4328 Jul 11 j 11:55	2°♊21'18	
direct	-4328 Jul 14 j 01:32	1°♊50'34	
morning max el	-4328 Jul 20 j 16:48	5°♊14'40	17°56'33
asc. node	-4328 Jul 20 j 15:20	5°♊11'04	
	-4328 Aug 05 j 16:11	0°♋	
morning set	-4328 Aug 06 j 04:29	0°♋54'32	
superior conj	-4328 Aug 17 j 19:25	21°♋06'32	1°23'30
minimum elong	-4328 Aug 18 j 00:52	21°♋29'30	1°23'11
	-4328 Aug 23 j 04:02	0°♌	
max. Earth dist.	-4328 Aug 24 j 12:10	2°♌10'41	1.43253 AU
desc. node	-4328 Sep 01 j 07:49	14°♌36'29	
evening rise	-4328 Sep 02 j 03:25	15°♌52'49	
	-4328 Sep 11 j 09:25	0°♍	
greatest brilliancy	-4328 Sep 26 j 16:51	21°♍43'55	-0.5m
evening max el	-4328 Oct 02 j 01:54	28°♍00'38	21°09'56
	-4328 Oct 04 j 04:29	0°♎	
retrograde	-4328 Oct 10 j 14:41	3°♎03'47	
evening set	-4328 Oct 14 j 14:39	1°♎33'40	
	-4328 Oct 16 j 07:48	30°℞♍	
asc. node	-4328 Oct 16 j 14:16	29°♍42'38	
inferior conj	-4328 Oct 20 j 00:40	25°♍20'26	1°09'20
minimum elong	-4328 Oct 19 j 23:07	25°♍25'45	1°08'43
min. Earth dist.	-4328 Oct 20 j 10:33	24°♍46'34	0.67144 AU
morning rise	-4328 Oct 25 j 07:12	19°♍02'49	
direct	-4328 Oct 30 j 10:32	16°♍51'55	
morning max el	-4328 Nov 10 j 02:33	23°♍14'15	23°45'48
	-4328 Nov 16 j 01:36	0°♎	
desc. node	-4328 Nov 28 j 07:45	16°♎42'16	
	-4328 Dec 07 j 01:24	0°♏	
morning set	-4328 Dec 15 j 09:37	13°♏40'15	
max. Earth dist.	-4328 Dec 19 j 12:00	20°♏46'16	1.38839 AU
	-4328 Dec 24 j 14:38	0°♐	
superior conj	-4328 Dec 26 j 21:04	4°♐13'47	-1°-52'-28
minimum elong	-4328 Dec 26 j 22:21	4°♐19'54	1°52'37
evening rise	-4327 Jan 04 j 22:42	21°♐44'23	
	-4327 Jan 09 j 06:00	0°♑	
asc. node	-4327 Jan 12 j 13:10	5°♑57'39	
evening max el	-4327 Jan 21 j 08:31	18°♑10'06	18°46'04
retrograde	-4327 Jan 29 j 10:07	22°♑03'47	

evening set	-4327 Jan 31 j 20:37	21°♑43'51	
inferior conj	-4327 Feb 08 j 14:34	17°♑21'11	3°34'11
minimum elong	-4327 Feb 08 j 18:27	17°♑13'57	3°33'21
min. Earth dist.	-4327 Feb 11 j 21:42	14°♑55'27	0.57886 AU
morning rise	-4327 Feb 16 j 12:37	12°♑10'14	
direct	-4327 Feb 22 j 05:38	10°♑50'39	
desc. node	-4327 Feb 24 j 07:08	11°♑01'03	
morning max el	-4327 Mar 08 j 11:27	18°♑16'32	26°03'21
	-4327 Mar 18 j 06:19	0°♒	
	-4327 Apr 04 j 10:21	0°♓	
morning set	-4327 Apr 05 j 17:35	2°♓42'15	
asc. node	-4327 Apr 10 j 12:43	12°♓59'40	
superior conj	-4327 Apr 12 j 18:41	17°♓54'25	0°23'14
minimum elong	-4327 Apr 12 j 17:40	17°♓48'54	0°22'59
max. Earth dist.	-4327 Apr 13 j 07:11	19°♓02'44	1.32727 AU
	-4327 Apr 18 j 09:14	0°♈	
evening rise	-4327 Apr 19 j 21:32	3°♈09'41	
	-4327 May 04 j 12:00	0°♉	
evening max el	-4327 May 20 j 12:53	20°♉44'11	26°56'30
desc. node	-4327 May 23 j 05:46	23°♉07'58	
retrograde	-4327 Jun 03 j 12:53	28°♉05'12	
evening set	-4327 Jun 10 j 07:47	26°♉02'00	
min. Earth dist.	-4327 Jun 14 j 02:26	23°♉18'37	0.60864 AU
inferior conj	-4327 Jun 17 j 09:10	20°♉29'35	-4°-16'-6
minimum elong	-4327 Jun 17 j 10:04	20°♉27'39	4°15'57
morning rise	-4327 Jun 24 j 15:23	15°♉40'46	
direct	-4327 Jun 27 j 03:25	15°♉15'41	
morning max el	-4327 Jul 04 j 05:36	18°♉44'48	18°05'38
asc. node	-4327 Jul 07 j 12:23	22°♉31'13	
	-4327 Jul 12 j 10:37	0°♊	
morning set	-4327 Jul 20 j 05:04	13°♊57'58	
	-4327 Jul 28 j 22:55	0°♋	
superior conj	-4327 Jul 30 j 07:57	2°♋27'15	1°42'47
minimum elong	-4327 Jul 30 j 10:57	2°♋40'31	1°42'50
max. Earth dist.	-4327 Aug 06 j 20:52	15°♋27'04	1.41639 AU
evening rise	-4327 Aug 12 j 17:29	25°♋03'23	
	-4327 Aug 15 j 20:11	0°♌	
desc. node	-4327 Aug 19 j 04:48	5°♌13'19	
	-4327 Sep 05 j 07:24	0°♍	
greatest brilliancy	-4327 Sep 10 j 02:00	6°♍06'58	-0.3m
evening max el	-4327 Sep 14 j 19:30	11°♍25'54	22°26'24
retrograde	-4327 Sep 24 j 09:38	17°♍07'25	
evening set	-4327 Sep 28 j 22:38	15°♍18'04	
asc. node	-4327 Oct 03 j 11:24	10°♍07'03	
inferior conj	-4327 Oct 04 j 07:03	8°♍59'27	0°16'47
minimum elong	-4327 Oct 04 j 06:39	9°♍00'49	0°16'41
min. Earth dist.	-4327 Oct 04 j 06:30	9°♍01'20	0.67396 AU
morning rise	-4327 Oct 09 j 14:33	2°♍43'21	
direct	-4327 Oct 14 j 02:58	0°♍54'11	
morning max el	-4327 Oct 23 j 14:22	6°♍32'27	22°19'59
greatest brilliancy	-4327 Oct 28 j 07:36	11°♍52'25	-0.3m
	-4327 Nov 10 j 13:41	0°♎	
desc. node	-4327 Nov 15 j 04:42	6°♎53'00	
morning set	-4327 Nov 25 j 17:36	23°♎21'02	
	-4327 Nov 29 j 18:52	0°♏	
max. Earth dist.	-4327 Dec 01 j 10:20	2°♏45'14	1.40892 AU
superior conj	-4327 Dec 09 j 04:20	16°♏12'11	-1°-52'-48
minimum elong	-4327 Dec 09 j 02:46	16°♏05'11	1°52'54
	-4327 Dec 16 j 17:12	0°♐	
evening rise	-4327 Dec 19 j 09:06	4°♐58'52	
asc. node	-4327 Dec 30 j 10:15	24°♐24'46	
	-4326 Jan 03 j 16:41	0°♑	
evening max el	-4326 Jan 04 j 14:54	0°♑57'25	18°17'04
retrograde	-4326 Jan 11 j 18:31	4°♑31'42	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-4326 Jan 14 j 07:30	4°♉05'40		
	-4326 Jan 20 j 16:28	30°℞♐		
inferior conj	-4326 Jan 21 j 10:35	29°♐21'08	4°01'29	
minimum elong	-4326 Jan 21 j 11:39	29°♐18'50	4°01'13	
min. Earth dist.	-4326 Jan 24 j 18:15	26°♐30'24	0.59841 AU	
morning rise	-4326 Jan 28 j 12:49	23°♐48'28		
direct	-4326 Feb 04 j 03:23	21°♐50'19		
desc. node	-4326 Feb 11 j 04:14	23°♐53'13		
morning max el	-4326 Feb 18 j 08:07	29°♐26'56	27°08'30	
	-4326 Feb 18 j 21:31	0°♉		
	-4326 Mar 12 j 01:08	0°♒		
morning set	-4326 Mar 21 j 03:10	17°♒36'24		
	-4326 Mar 26 j 22:16	0°♓		
superior conj	-4326 Mar 28 j 06:28	2°♓55'57	0°-1'-24	
minimum elong	-4326 Mar 28 j 06:32	2°♓56'19	0°01'31	
behind sun begin	-4326 Mar 28 j 01:33	2°♓29'01		
behind sun end	-4326 Mar 28 j 11:31	3°♓23'36		
max. Earth dist.	-4326 Mar 27 j 20:51	2°♓03'23	1.32587 AU	
asc. node	-4326 Mar 28 j 09:43	3°♓13'45		
evening rise	-4326 Apr 04 j 06:51	18°♓04'59		
	-4326 Apr 10 j 05:34	0°♈		
	-4326 Apr 30 j 04:46	0°♉		
evening max el	-4326 May 02 j 11:35	2°♉19'09	25°57'47	
desc. node	-4326 May 10 j 02:54	7°♉56'44		
retrograde	-4326 May 16 j 13:39	9°♉34'58		
evening set	-4326 May 22 j 12:28	8°♉08'47		
min. Earth dist.	-4326 May 27 j 00:06	5°♉25'31	0.58827 AU	
inferior conj	-4326 May 30 j 08:23	2°♉56'17	-4°-8'-46	
minimum elong	-4326 May 30 j 06:00	3°♉00'45	4°08'29	
	-4326 Jun 03 j 15:46	30°℞♈		
morning rise	-4326 Jun 07 j 03:25	28°♈29'44		
direct	-4326 Jun 09 j 14:47	28°♈09'15		
	-4326 Jun 15 j 04:17	0°♉		
morning max el	-4326 Jun 17 j 13:36	1°♉55'34	18°34'29	
asc. node	-4326 Jun 24 j 09:26	10°♉42'58		
morning set	-4326 Jul 03 j 18:39	27°♉41'09		
	-4326 Jul 04 j 23:24	0°♊		
superior conj	-4326 Jul 12 j 19:17	14°♊57'21	1°49'15	
minimum elong	-4326 Jul 12 j 19:36	14°♊58'50	1°49'26	
max. Earth dist.	-4326 Jul 20 j 00:19	27°♊59'59	1.39734 AU	
	-4326 Jul 21 j 03:53	0°♋		
evening rise	-4326 Jul 24 j 07:33	5°♋22'55		
desc. node	-4326 Aug 06 j 01:49	25°♋40'34		
	-4326 Aug 08 j 23:45	0°♌		
evening max el	-4326 Aug 28 j 08:20	24°♌51'56	23°47'07	
	-4326 Sep 03 j 20:00	0°♍		
retrograde	-4326 Sep 08 j 01:34	1°♍11'28		
	-4326 Sep 11 j 21:59	30°℞♌		
evening set	-4326 Sep 13 j 05:04	29°♌02'09		
min. Earth dist.	-4326 Sep 18 j 02:37	23°♌18'29	0.67351 AU	
inferior conj	-4326 Sep 18 j 13:28	22°♌41'31	0°-36'-40	
minimum elong	-4326 Sep 18 j 14:19	22°♌38'36	0°36'11	
asc. node	-4326 Sep 20 j 08:34	20°♌17'47		
morning rise	-4326 Sep 23 j 23:44	16°♌29'55		
direct	-4326 Sep 27 j 22:42	15°♌01'30		
morning max el	-4326 Oct 06 j 08:07	19°♌57'54	21°00'11	
greatest brilliancy	-4326 Oct 12 j 00:45	26°♌39'21	-0.5m	
	-4326 Oct 14 j 13:07	0°♍		
desc. node	-4326 Nov 02 j 01:37	27°♍18'00		
	-4326 Nov 03 j 19:27	0°♎		
morning set	-4326 Nov 05 j 00:13	1°♎52'02		
max. Earth dist.	-4326 Nov 13 j 15:14	15°♎36'41	1.42714 AU	
superior conj	-4326 Nov 20 j 11:46	26°♎59'20	-1°-39'-30	
minimum elong	-4326 Nov 20 j 06:34	26°♎37'22	1°39'14	
	-4326 Nov 22 j 06:13	0°♏		
evening rise	-4326 Dec 02 j 05:32	17°♏30'26		
	-4326 Dec 09 j 07:10	0°♐		
asc. node	-4326 Dec 17 j 07:22	12°♐05'43		
evening max el	-4326 Dec 19 j 01:49	14°♐02'52	18°07'54	
retrograde	-4326 Dec 25 j 17:55	17°♐31'15		
evening set	-4326 Dec 28 j 09:29	16°♐58'12		
inferior conj	-4325 Jan 04 j 00:23	11°♐51'59	4°00'54	
minimum elong	-4325 Jan 03 j 23:00	11°♐55'25	4°00'38	
min. Earth dist.	-4325 Jan 06 j 22:32	8°♐59'27	0.61813 AU	
morning rise	-4325 Jan 10 j 10:16	6°♐03'46		
direct	-4325 Jan 17 j 10:54	3°♐33'59		
desc. node	-4325 Jan 29 j 01:17	9°♐03'44		
morning max el	-4325 Jan 31 j 11:07	11°♐16'53	27°39'58	
	-4325 Feb 15 j 05:44	0°♉		
	-4325 Mar 04 j 05:51	0°♒		
morning set	-4325 Mar 05 j 08:29	2°♒14'55		
max. Earth dist.	-4325 Mar 11 j 08:18	14°♒52'57	1.32784 AU	
superior conj	-4325 Mar 12 j 17:12	17°♒51'13	0°-26'-25	
minimum elong	-4325 Mar 12 j 18:23	17°♒57'39	0°26'20	
asc. node	-4325 Mar 15 j 06:43	23°♒25'55		
	-4325 Mar 18 j 07:42	0°♓		
evening rise	-4325 Mar 19 j 18:09	3°♓02'47		
	-4325 Apr 03 j 11:27	0°♈		
evening max el	-4325 Apr 14 j 04:45	13°♈17'34	24°35'17	
desc. node	-4325 Apr 27 j 00:03	20°♈17'30		
retrograde	-4325 Apr 28 j 03:42	20°♈20'35		
evening set	-4325 May 02 j 20:19	19°♈30'41		
min. Earth dist.	-4325 May 08 j 16:48	16°♈31'45	0.56975 AU	
inferior conj	-4325 May 11 j 11:51	14°♈43'17	-3°-27'-43	
minimum elong	-4325 May 11 j 06:29	14°♈52'02	3°26'35	
morning rise	-4325 May 19 j 20:50	10°♈35'54		
direct	-4325 May 22 j 07:41	10°♈19'09		
morning max el	-4325 May 31 j 13:57	14°♈37'34	19°23'42	
asc. node	-4325 Jun 11 j 06:27	29°♈34'09		
	-4325 Jun 11 j 12:13	0°♉		
morning set	-4325 Jun 17 j 17:33	11°♉54'36		
superior conj	-4325 Jun 25 j 23:37	28°♉20'31	1°45'49	
minimum elong	-4325 Jun 25 j 22:03	28°♉12'54	1°45'55	
	-4325 Jun 26 j 20:02	0°♊		
max. Earth dist.	-4325 Jul 02 j 01:56	9°♊56'13	1.37801 AU	
evening rise	-4325 Jul 05 j 23:39	16°♊59'40		
	-4325 Jul 13 j 15:28	0°♋		
desc. node	-4325 Jul 23 j 22:51	15°♋53'09		
	-4325 Aug 03 j 08:59	0°♌		
evening max el	-4325 Aug 10 j 19:01	8°♌21'17	25°05'14	
retrograde	-4325 Aug 22 j 13:33	15°♌12'24		
evening set	-4325 Aug 28 j 08:08	12°♌44'46		
min. Earth dist.	-4325 Sep 01 j 20:34	7°♌36'58	0.66993 AU	
inferior conj	-4325 Sep 02 j 18:14	6°♌25'36	-1°-29'-19	
minimum elong	-4325 Sep 02 j 20:17	6°♌18'50	1°28'21	
asc. node	-4325 Sep 07 j 05:41	1°♌14'25		
morning rise	-4325 Sep 08 j 08:52	0°♌21'34		
	-4325 Sep 08 j 22:49	30°℞♋		
direct	-4325 Sep 11 j 20:28	29°♋11'17		
	-4325 Sep 14 j 21:37	0°♌		
morning max el	-4325 Sep 19 j 09:03	3°♌32'23	19°51'45	
greatest brilliancy	-4325 Sep 27 j 05:12	13°♌22'10	-0.6m	
	-4325 Oct 08 j 09:21	0°♍		
morning set	-4325 Oct 14 j 22:56	10°♍07'31		
desc. node	-4325 Oct 19 j 22:34	17°♍53'18		
max. Earth dist.	-4325 Oct 27 j 02:48	29°♍12'29	1.44057 AU	
	-4325 Oct 27 j 14:43	0°♎		
superior conj	-4325 Oct 31 j 15:43	6°♎29'21	-1°-9'-48	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4325 Oct 31 j 08:52	6°♎01'42	1°09'05	
evening rise	-4325 Nov 14 j 07:32	29°♎10'40		
	-4325 Nov 14 j 19:09	0°♏		
evening max el	-4325 Dec 02 j 14:30	27°♏20'28	18°17'49	
asc. node	-4325 Dec 04 j 04:28	28°♏47'38		
	-4325 Dec 05 j 22:45	0°♐		
retrograde	-4325 Dec 09 j 03:51	0°♐54'00		
evening set	-4325 Dec 11 j 23:05	0°♐12'32		
	-4325 Dec 12 j 08:44	30°℞♏		
inferior conj	-4325 Dec 18 j 04:15	24°♏46'25	3°40'57	
minimum elong	-4325 Dec 18 j 01:27	24°♏54'08	3°40'19	
min. Earth dist.	-4325 Dec 20 j 12:30	22°♏11'13	0.63585 AU	
morning rise	-4325 Dec 24 j 02:14	18°♏46'57		
direct	-4325 Dec 31 j 02:29	15°♏59'39		
morning max el	-4324 Jan 13 j 18:38	23°♏43'22	27°35'10	
desc. node	-4324 Jan 15 j 22:20	25°♏57'03		
	-4324 Jan 19 j 11:08	0°♐		
	-4324 Feb 08 j 12:08	0°♑		
morning set	-4324 Feb 17 j 07:03	16°♑29'12		
max. Earth dist.	-4324 Feb 22 j 13:33	27°♑17'45	1.33360 AU	
	-4324 Feb 23 j 20:13	0°♒		
superior conj	-4324 Feb 25 j 01:09	2°♒34'12	0°-50'-52	
minimum elong	-4324 Feb 25 j 03:20	2°♒45'56	0°50'39	
asc. node	-4324 Mar 01 j 03:42	13°♒32'05		
evening rise	-4324 Mar 03 j 05:39	17°♒56'41		
	-4324 Mar 09 j 05:56	0°♓		
evening max el	-4324 Mar 25 j 21:06	24°♓01'04	23°01'46	
	-4324 Apr 04 j 07:24	0°♈		
retrograde	-4324 Apr 08 j 04:59	0°♈34'30		
evening set	-4324 Apr 11 j 14:46	0°♈09'06		
	-4324 Apr 12 j 04:37	30°℞♓		
desc. node	-4324 Apr 12 j 21:11	29°♓47'25		
min. Earth dist.	-4324 Apr 19 j 07:34	26°♓42'55	0.55662 AU	
inferior conj	-4324 Apr 20 j 20:14	25°♓49'30	-2°-6'-45	
minimum elong	-4324 Apr 20 j 15:05	25°♓57'02	2°05'14	
morning rise	-4324 Apr 29 j 18:15	21°♓51'51		
direct	-4324 May 02 j 06:42	21°♓36'38		
morning max el	-4324 May 13 j 04:14	26°♓41'39	20°32'52	
	-4324 May 16 j 07:11	0°♈		
asc. node	-4324 May 28 j 03:26	18°♈54'53		
morning set	-4324 May 31 j 22:51	26°♈30'21		
	-4324 Jun 02 j 15:45	0°♉		
superior conj	-4324 Jun 08 j 16:02	12°♉22'01	1°35'06	
minimum elong	-4324 Jun 08 j 13:31	12°♉09'16	1°34'59	
max. Earth dist.	-4324 Jun 13 j 08:23	21°♉41'40	1.36073 AU	
evening rise	-4324 Jun 17 j 13:26	29°♉42'17		
	-4324 Jun 17 j 17:16	0°♊		
	-4324 Jul 05 j 19:38	0°♋		
desc. node	-4324 Jul 09 j 19:55	5°♋43'34		
evening max el	-4324 Jul 23 j 05:53	21°♋52'21	26°12'47	
retrograde	-4324 Aug 04 j 20:51	29°♋03'55		
evening set	-4324 Aug 11 j 05:46	26°♋22'36		
min. Earth dist.	-4324 Aug 15 j 09:52	21°♋53'01	0.66300 AU	
inferior conj	-4324 Aug 16 j 19:27	20°♋08'21	-2°-19'-28	
minimum elong	-4324 Aug 16 j 22:31	19°♋58'48	2°18'13	
morning rise	-4324 Aug 22 j 16:03	14°♋15'12		
asc. node	-4324 Aug 24 j 02:46	13°♋35'35		
direct	-4324 Aug 25 j 18:38	13°♋19'46		
morning max el	-4324 Sep 01 j 16:32	17°♋13'43	18°57'48	
	-4324 Sep 11 j 06:50	0°♌		
morning set	-4324 Sep 23 j 12:34	19°♌10'55		
	-4324 Sep 30 j 08:51	0°♍		
desc. node	-4324 Oct 05 j 19:29	8°♍34'38		
max. Earth dist.	-4324 Oct 08 j 19:12	13°♍17'09	1.44751 AU	
superior conj	-4324 Oct 09 j 20:50	14°♍58'14	0°-25'-28	
minimum elong	-4324 Oct 09 j 17:32	14°♍45'15	0°24'59	
	-4324 Oct 19 j 07:56	0°♎		
evening rise	-4324 Oct 25 j 10:27	9°♎50'02		
	-4324 Nov 07 j 00:34	0°♏		
evening max el	-4324 Nov 15 j 02:18	10°♏44'46	18°45'49	
asc. node	-4324 Nov 20 j 01:34	14°♏15'17		
retrograde	-4324 Nov 21 j 20:28	14°♏32'58		
evening set	-4324 Nov 24 j 21:02	13°♏41'05		
inferior conj	-4324 Nov 30 j 18:33	7°♏57'34	3°07'57	
minimum elong	-4324 Nov 30 j 15:21	8°♏07'15	3°06'59	
min. Earth dist.	-4324 Dec 02 j 12:10	5°♏51'50	0.65033 AU	
morning rise	-4324 Dec 06 j 08:33	1°♏49'48		
	-4324 Dec 09 j 00:39	30°℞♎		
direct	-4324 Dec 13 j 00:41	29°♎00'13		
	-4324 Dec 17 j 08:18	0°♏		
morning max el	-4324 Dec 26 j 04:04	6°♏36'10	26°57'40	
desc. node	-4323 Jan 01 j 19:21	14°♏03'30		
	-4323 Jan 13 j 07:12	0°♐		
morning set	-4323 Jan 30 j 19:41	0°♑08'53		
	-4323 Jan 30 j 17:50	0°♑		
max. Earth dist.	-4323 Feb 04 j 09:05	9°♑08'57	1.34364 AU	
superior conj	-4323 Feb 08 j 04:18	16°♑58'16	-1°-13'-38	
minimum elong	-4323 Feb 08 j 07:13	17°♑13'27	1°13'24	
	-4323 Feb 14 j 08:49	0°♒		
evening rise	-4323 Feb 15 j 15:37	2°♒40'44		
asc. node	-4323 Feb 16 j 00:42	3°♒27'49		
	-4323 Mar 03 j 08:16	0°♓		
evening max el	-4323 Mar 07 j 18:43	4°♓56'21	21°30'46	
retrograde	-4323 Mar 19 j 19:55	10°♓43'24		
evening set	-4323 Mar 22 j 10:05	10°♓28'14		
desc. node	-4323 Mar 30 j 18:19	6°♓59'12		
inferior conj	-4323 Mar 31 j 16:46	6°♓27'42	0°-15'-31	
minimum elong	-4323 Mar 31 j 16:02	6°♓28'43	0°15'22	
transit middle	-4323 Mar 31 j 16:02	6°♓28'43	0°15'22	
transit begin	-4323 Mar 31 j 15:03	6°♓30'06		
transit end	-4323 Mar 31 j 17:01	6°♓27'21		
min. Earth dist.	-4323 Mar 31 j 21:41	6°♓20'47	0.55175 AU	
morning rise	-4323 Apr 09 j 22:03	2°♓24'30		
direct	-4323 Apr 12 j 19:44	2°♓05'56		
morning max el	-4323 Apr 25 j 07:34	8°♓03'57	21°59'38	
	-4323 May 10 j 14:59	0°♈		
asc. node	-4323 May 15 j 00:25	8°♈37'43		
morning set	-4323 May 16 j 08:22	11°♈22'07		
superior conj	-4323 May 23 j 16:56	26°♈51'21	1°19'05	
minimum elong	-4323 May 23 j 14:15	26°♈37'14	1°18'48	
	-4323 May 25 j 05:06	0°♉		
max. Earth dist.	-4323 May 27 j 00:29	3°♉43'20	1.34675 AU	
evening rise	-4323 May 31 j 19:35	13°♉15'55		
	-4323 Jun 10 j 00:26	0°♊		
desc. node	-4323 Jun 26 j 16:58	25°♊02'20		
	-4323 Jun 30 j 18:10	0°♋		
evening max el	-4323 Jul 05 j 17:23	5°♋18'20	27°01'29	
retrograde	-4323 Jul 18 j 22:47	12°♋39'37		
evening set	-4323 Jul 25 j 19:29	9°♋52'36		
min. Earth dist.	-4323 Jul 29 j 16:09	6°♋01'39	0.65245 AU	
inferior conj	-4323 Jul 31 j 15:02	3°♋46'27	-3°-4'-59	
minimum elong	-4323 Jul 31 j 18:42	3°♋35'52	3°03'45	
	-4323 Aug 04 j 04:24	30°℞♊		
morning rise	-4323 Aug 06 j 19:08	28°♊07'35		
direct	-4323 Aug 09 j 15:03	27°♊23'48		
asc. node	-4323 Aug 10 j 23:51	27°♊33'57		
	-4323 Aug 15 j 03:58	0°♋		
morning max el	-4323 Aug 16 j 04:47	0°♋59'01	18°20'09	
morning set	-4323 Sep 04 j 04:46	29°♋32'08		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4323 Sep 04 j 11:32	0°♌		
superior conj	-4323 Sep 18 j 21:18	23°♌18'19	0°23'54	
minimum elong	-4323 Sep 19 j 00:16	23°♌30'08	0°23'38	
max. Earth dist.	-4323 Sep 21 j 13:31	27°♌32'34	1.44716 AU	
desc. node	-4323 Sep 22 j 16:25	29°♌18'46		
	-4323 Sep 23 j 02:53	0°♍		
evening rise	-4323 Oct 05 j 12:24	19°♍25'45		
	-4323 Oct 12 j 07:04	0°♎		
greatest brilliancy	-4323 Oct 20 j 12:14	12°♎31'31	-0.7m	
evening max el	-4323 Oct 29 j 10:47	24°♎11'33	19°30'31	
retrograde	-4323 Nov 05 j 16:38	28°♎23'08		
asc. node	-4323 Nov 06 j 22:41	28°♎14'04		
evening set	-4323 Nov 09 j 00:35	27°♎18'23		
inferior conj	-4323 Nov 14 j 16:18	21°♎20'28	2°26'10	
minimum elong	-4323 Nov 14 j 13:23	21°♎29'52	2°25'07	
min. Earth dist.	-4323 Nov 15 j 20:21	19°♎49'48	0.66120 AU	
morning rise	-4323 Nov 20 j 01:27	15°♎06'48		
direct	-4323 Nov 26 j 04:37	12°♎27'02		
morning max el	-4323 Dec 08 j 13:25	19°♎43'52	25°54'36	
	-4323 Dec 17 j 09:28	0°♏		
desc. node	-4323 Dec 19 j 16:21	3°♏01'18		
	-4322 Jan 06 j 09:17	0°♐		
morning set	-4322 Jan 13 j 17:59	13°♐00'20		
max. Earth dist.	-4322 Jan 17 j 17:08	20°♐28'15	1.35822 AU	
	-4322 Jan 22 j 13:13	0°♑		
superior conj	-4322 Jan 23 j 00:07	0°♑54'57	-1°-33'-13	
minimum elong	-4322 Jan 23 j 03:11	1°♑10'26	1°33'06	
evening rise	-4322 Jan 30 j 22:09	17°♑08'09		
asc. node	-4322 Feb 02 j 21:43	23°♑07'33		
	-4322 Feb 06 j 12:36	0°♒		
evening max el	-4322 Feb 18 j 01:41	16°♒20'47	20°12'16	
retrograde	-4322 Feb 28 j 11:05	21°♒16'36		
evening set	-4322 Mar 02 j 19:01	21°♒02'48		
inferior conj	-4322 Mar 11 j 14:42	17°♒03'34	1°37'15	
minimum elong	-4322 Mar 11 j 18:40	16°♒57'37	1°35'51	
min. Earth dist.	-4322 Mar 13 j 11:38	15°♒56'28	0.55619 AU	
desc. node	-4322 Mar 17 j 15:27	13°♒43'52		
morning rise	-4322 Mar 20 j 15:49	12°♒38'02		
direct	-4322 Mar 24 j 10:33	12°♒06'46		
morning max el	-4322 Apr 07 j 01:58	18°♒51'14	23°37'30	
	-4322 Apr 16 j 06:31	0°♓		
morning set	-4322 Apr 30 j 20:07	26°♓22'30		
asc. node	-4322 May 01 j 21:23	28°♓35'28		
	-4322 May 02 j 13:19	0°♈		
superior conj	-4322 May 07 j 23:29	11°♈38'37	0°59'19	
minimum elong	-4322 May 07 j 21:09	11°♈26'10	0°58'57	
max. Earth dist.	-4322 May 10 j 02:15	16°♈09'17	1.33637 AU	
evening rise	-4322 May 15 j 13:21	27°♈25'29		
	-4322 May 16 j 20:32	0°♉		
	-4322 Jun 03 j 06:58	0°♊		
desc. node	-4322 Jun 13 j 14:04	13°♊35'45		
evening max el	-4322 Jun 18 j 04:02	18°♊26'52	27°24'19	
retrograde	-4322 Jul 01 j 19:05	25°♊51'11		
evening set	-4322 Jul 08 j 22:14	23°♊09'59		
min. Earth dist.	-4322 Jul 12 j 13:26	19°♊54'02	0.63799 AU	
inferior conj	-4322 Jul 15 j 02:28	17°♊14'40	-3°-42'-57	
minimum elong	-4322 Jul 15 j 05:59	17°♊05'26	3°42'05	
morning rise	-4322 Jul 21 j 15:34	11°♊53'26		
direct	-4322 Jul 24 j 06:58	11°♊18'34		
asc. node	-4322 Jul 28 j 20:56	13°♊02'37		
morning max el	-4322 Jul 30 j 19:28	14°♊43'50	17°59'58	
	-4322 Aug 10 j 11:21	0°♋		
morning set	-4322 Aug 16 j 22:57	11°♋07'33		
	-4322 Aug 28 j 02:12	0°♌		
superior conj	-4322 Aug 29 j 15:09	2°♌32'09	1°05'43	
minimum elong	-4322 Aug 29 j 21:01	2°♌56'10	1°05'15	
max. Earth dist.	-4322 Sep 04 j 06:05	11°♌38'36	1.43966 AU	
desc. node	-4322 Sep 09 j 13:22	20°♌02'48		
evening rise	-4322 Sep 14 j 19:38	28°♌14'20		
	-4322 Sep 15 j 23:02	0°♍		
	-4322 Oct 06 j 06:25	0°♎		
greatest brilliancy	-4322 Oct 06 j 07:04	0°♎02'10	-0.5m	
evening max el	-4322 Oct 12 j 13:59	7°♎38'07	20°30'01	
retrograde	-4322 Oct 20 j 13:56	12°♎20'58		
evening set	-4322 Oct 24 j 07:24	11°♎00'45		
asc. node	-4322 Oct 24 j 19:49	10°♎36'52		
inferior conj	-4322 Oct 29 j 19:01	4°♎51'53	1°38'32	
minimum elong	-4322 Oct 29 j 16:53	4°♎59'06	1°37'42	
min. Earth dist.	-4322 Oct 30 j 11:07	3°♎57'31	0.66860 AU	
	-4322 Nov 02 j 15:19	30°℞♍		
morning rise	-4322 Nov 04 j 01:53	28°♍34'50		
direct	-4322 Nov 09 j 13:55	26°♍12'25		
	-4322 Nov 17 j 17:03	0°♎		
morning max el	-4322 Nov 20 j 22:15	2°♎57'56	24°35'08	
desc. node	-4322 Dec 06 j 13:19	22°♎35'29		
	-4322 Dec 11 j 14:22	0°♏		
morning set	-4322 Dec 26 j 20:30	24°♏48'41		
	-4322 Dec 29 j 18:33	0°♐		
max. Earth dist.	-4322 Dec 30 j 15:54	1°♐36'43	1.37667 AU	
superior conj	-4321 Jan 06 j 09:20	14°♐15'13	-1°-47'-35	
minimum elong	-4321 Jan 06 j 11:38	14°♐26'24	1°47'39	
	-4321 Jan 14 j 08:27	0°♑		
evening rise	-4321 Jan 14 j 23:06	1°♑12'52		
asc. node	-4321 Jan 20 j 18:46	12°♑25'21		
evening max el	-4321 Jan 31 j 19:07	28°♑21'06	19°11'47	
	-4321 Feb 02 j 17:33	0°♒		
retrograde	-4321 Feb 09 j 14:47	2°♒33'40		
evening set	-4321 Feb 11 j 23:35	2°♒16'48		
	-4321 Feb 17 j 04:22	30°℞♑		
inferior conj	-4321 Feb 20 j 03:00	28°♑04'57	3°02'26	
minimum elong	-4321 Feb 20 j 07:55	27°♑56'32	3°01'07	
min. Earth dist.	-4321 Feb 23 j 02:39	26°♑03'32	0.56887 AU	
morning rise	-4321 Feb 28 j 12:30	23°♑09'12		
desc. node	-4321 Mar 04 j 12:34	22°♑13'18		
direct	-4321 Mar 05 j 12:38	22°♑10'55		
morning max el	-4321 Mar 19 j 16:57	29°♑26'42	25°14'14	
	-4321 Mar 20 j 06:36	0°♒		
	-4321 Apr 09 j 16:02	0°♓		
morning set	-4321 Apr 15 j 08:22	11°♓25'18		
asc. node	-4321 Apr 18 j 18:22	18°♓43'00		
superior conj	-4321 Apr 22 j 09:28	26°♓36'28	0°36'57	
minimum elong	-4321 Apr 22 j 07:54	26°♓27'58	0°36'36	
max. Earth dist.	-4321 Apr 23 j 11:13	28°♓56'20	1.32955 AU	
	-4321 Apr 23 j 22:59	0°♈		
evening rise	-4321 Apr 29 j 15:13	11°♈59'46		
	-4321 May 09 j 01:34	0°♉		
	-4321 May 30 j 08:59	0°♊		
desc. node	-4321 May 31 j 11:11	1°♊04'26		
evening max el	-4321 May 31 j 11:33	1°♊05'20	27°16'06	
retrograde	-4321 Jun 14 j 09:08	8°♊29'02		
evening set	-4321 Jun 21 j 10:11	6°♊07'47		
min. Earth dist.	-4321 Jun 25 j 00:50	3°♊16'58	0.62001 AU	
inferior conj	-4321 Jun 28 j 02:37	0°♊25'55	-4°-9'-3	
minimum elong	-4321 Jun 28 j 04:53	0°♊20'39	4°08'40	
	-4321 Jun 28 j 13:48	30°℞♉		
morning rise	-4321 Jul 05 j 02:12	25°♉25'00		
direct	-4321 Jul 07 j 14:57	24°♉56'55		
morning max el	-4321 Jul 14 j 09:49	28°♉21'42	17°58'07	
asc. node	-4321 Jul 15 j 18:00	29°♉46'39		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4321 Jul 15 j 22:41	0°♊	
morning set	-4321 Jul 30 j 13:59	23°♊42'40	
	-4321 Aug 03 j 01:35	0°♋	
superior conj	-4321 Aug 10 j 12:20	13°♋07'21	1°33'25
minimum elong	-4321 Aug 10 j 16:54	13°♋26'58	1°33'16
max. Earth dist.	-4321 Aug 17 j 17:44	25°♋15'54	1.42612 AU
	-4321 Aug 20 j 15:37	0°♌	
evening rise	-4321 Aug 25 j 01:20	7°♌00'38	
desc. node	-4321 Aug 27 j 10:20	10°♌43'15	
	-4321 Sep 09 j 06:14	0°♍	
greatest brilliancy	-4321 Sep 20 j 12:08	15°♍23'12	-0.4m
evening max el	-4321 Sep 25 j 10:54	21°♍03'12	21°41'30
retrograde	-4321 Oct 04 j 10:17	26°♍23'00	
evening set	-4321 Oct 08 j 15:28	24°♍44'56	
asc. node	-4321 Oct 11 j 16:59	21°♍34'22	
inferior conj	-4321 Oct 14 j 00:36	18°♍28'44	0°47'14
minimum elong	-4321 Oct 13 j 23:32	18°♍32'27	0°46'50
min. Earth dist.	-4321 Oct 14 j 05:58	18°♍10'14	0.67285 AU
morning rise	-4321 Oct 19 j 07:19	12°♍11'11	
direct	-4321 Oct 24 j 04:04	10°♍09'37	
morning max el	-4321 Nov 03 j 08:05	16°♍14'04	23°08'55
greatest brilliancy	-4321 Nov 08 j 10:41	21°♍59'19	-0.3m
	-4321 Nov 14 j 14:50	0°♎	
desc. node	-4321 Nov 23 j 10:16	12°♎34'52	
	-4321 Dec 04 j 15:35	0°♏	
morning set	-4321 Dec 07 j 21:03	5°♏17'48	
max. Earth dist.	-4321 Dec 12 j 11:40	13°♏06'24	1.39721 AU
superior conj	-4321 Dec 20 j 03:32	26°♏46'54	-1°-54'-2
minimum elong	-4321 Dec 20 j 03:47	26°♏48'03	1°54'12
	-4321 Dec 21 j 21:11	0°♐	
evening rise	-4321 Dec 29 j 15:41	14°♐47'15	
	-4320 Jan 06 j 22:11	0°♑	
asc. node	-4320 Jan 07 j 15:50	1°♑13'26	
evening max el	-4320 Jan 14 j 21:32	10°♑53'25	18°31'16
retrograde	-4320 Jan 22 j 12:35	14°♑37'04	
evening set	-4320 Jan 25 j 00:01	14°♑14'49	
inferior conj	-4320 Feb 01 j 11:23	9°♑43'20	3°49'45
minimum elong	-4320 Feb 01 j 14:07	9°♑37'54	3°49'14
min. Earth dist.	-4320 Feb 04 j 20:32	7°♑03'42	0.58694 AU
morning rise	-4320 Feb 09 j 00:41	4°♑21'55	
direct	-4320 Feb 15 j 04:11	2°♑45'29	
desc. node	-4320 Feb 19 j 09:41	3°♑29'51	
morning max el	-4320 Feb 29 j 10:20	10°♑17'48	26°34'46
	-4320 Mar 15 j 13:46	0°♒	
morning set	-4320 Mar 29 j 19:25	26°♒24'27	
	-4320 Mar 31 j 12:16	0°♓	
asc. node	-4320 Apr 04 j 15:21	8°♓55'59	
superior conj	-4320 Apr 05 j 21:05	11°♓38'38	0°12'54
minimum elong	-4320 Apr 05 j 20:31	11°♓35'32	0°12'41
behind sun begin	-4320 Apr 05 j 17:32	11°♓19'13	
behind sun end	-4320 Apr 05 j 23:30	11°♓51'51	
max. Earth dist.	-4320 Apr 06 j 00:05	11°♓55'01	1.32617 AU
evening rise	-4320 Apr 12 j 22:28	26°♓49'47	
	-4320 Apr 14 j 11:22	0°♈	
	-4320 May 01 j 16:46	0°♉	
evening max el	-4320 May 12 j 13:54	13°♉05'01	26°35'11
desc. node	-4320 May 17 j 08:19	17°♉01'44	
retrograde	-4320 May 26 j 15:38	20°♉25'09	
evening set	-4320 Jun 02 j 03:15	18°♉37'03	
min. Earth dist.	-4320 Jun 06 j 03:14	15°♉55'41	0.59984 AU
inferior conj	-4320 Jun 09 j 12:03	13°♉12'09	-4°-16'-34
minimum elong	-4320 Jun 09 j 11:39	13°♉12'57	4°16'26
morning rise	-4320 Jun 16 j 23:32	8°♉32'57	
direct	-4320 Jun 19 j 11:02	8°♉10'05	

morning max el	-4320 Jun 26 j 21:00	11°♉45'17	18°15'29
asc. node	-4320 Jul 01 j 15:03	17°♉30'42	
	-4320 Jul 09 j 01:46	0°♊	
morning set	-4320 Jul 12 j 20:40	7°♊04'40	
superior conj	-4320 Jul 22 j 11:20	25°♊00'03	1°46'55
minimum elong	-4320 Jul 22 j 13:08	25°♊08'12	1°47'03
	-4320 Jul 25 j 06:13	0°♋	
max. Earth dist.	-4320 Jul 29 j 23:32	8°♋12'34	1.40845 AU
evening rise	-4320 Aug 04 j 00:46	16°♋38'28	
	-4320 Aug 12 j 11:13	0°♌	
desc. node	-4320 Aug 13 j 07:20	1°♌16'54	
greatest brilliancy	-4320 Sep 01 j 22:03	28°♌41'06	-0.3m
	-4320 Sep 03 j 00:24	0°♍	
evening max el	-4320 Sep 07 j 02:15	4°♍29'01	23°00'33
retrograde	-4320 Sep 17 j 04:08	10°♍27'25	
evening set	-4320 Sep 21 j 23:01	8°♍29'48	
inferior conj	-4320 Sep 27 j 07:15	2°♍09'53	0°-5'-52
minimum elong	-4320 Sep 27 j 07:23	2°♍09'26	0°05'43
transit middle	-4320 Sep 27 j 07:23	2°♍09'26	0°05'43
transit begin	-4320 Sep 27 j 04:51	2°♍18'10	
transit end	-4320 Sep 27 j 09:55	2°♍00'43	
min. Earth dist.	-4320 Sep 27 j 02:25	2°♍26'31	0.67417 AU
asc. node	-4320 Sep 27 j 14:08	1°♍46'12	
	-4320 Sep 28 j 21:34	30°℞♌	
morning rise	-4320 Oct 02 j 15:42	25°♌55'02	
direct	-4320 Oct 06 j 22:12	24°♌14'46	
morning max el	-4320 Oct 15 j 22:02	29°♌34'54	21°44'46
	-4320 Oct 16 j 07:47	0°♍	
greatest brilliancy	-4320 Oct 20 j 21:53	5°♍18'12	-0.4m
	-4320 Nov 07 j 09:48	0°♎	
desc. node	-4320 Nov 09 j 07:12	2°♎52'22	
morning set	-4320 Nov 16 j 17:02	14°♎24'44	
max. Earth dist.	-4320 Nov 23 j 11:55	25°♎25'26	1.41718 AU
	-4320 Nov 26 j 05:35	0°♏	
superior conj	-4320 Dec 01 j 01:22	8°♏16'46	-1°-49'-2
minimum elong	-4320 Nov 30 j 22:15	8°♏03'11	1°49'02
evening rise	-4320 Dec 11 j 20:37	27°♏44'10	
	-4320 Dec 13 j 02:12	0°♐	
asc. node	-4320 Dec 24 j 12:56	19°♐22'26	
evening max el	-4320 Dec 28 j 06:15	23°♐49'42	18°10'48
retrograde	-4319 Jan 04 j 03:39	27°♐19'34	
evening set	-4319 Jan 06 j 17:44	26°♐50'37	
inferior conj	-4319 Jan 13 j 15:21	21°♐56'59	4°04'03
minimum elong	-4319 Jan 13 j 15:16	21°♐57'11	4°03'51
min. Earth dist.	-4319 Jan 16 j 20:00	19°♐02'36	0.60700 AU
morning rise	-4319 Jan 20 j 10:07	16°♐17'17	
direct	-4319 Jan 27 j 06:38	14°♐03'53	
desc. node	-4319 Feb 05 j 06:46	17°♐25'05	
morning max el	-4319 Feb 10 j 09:28	21°♐43'37	27°26'16
	-4319 Feb 17 j 16:18	0°♑	
	-4319 Mar 08 j 11:42	0°♒	
morning set	-4319 Mar 14 j 03:23	11°♒12'32	
max. Earth dist.	-4319 Mar 20 j 13:07	24°♒51'56	1.32623 AU
superior conj	-4319 Mar 21 j 08:36	26°♒38'13	0°-12'-1
minimum elong	-4319 Mar 21 j 09:08	26°♒41'12	0°12'03
behind sun begin	-4319 Mar 21 j 05:51	26°♒23'17	
behind sun end	-4319 Mar 21 j 12:25	26°♒59'06	
asc. node	-4319 Mar 22 j 12:19	29°♒09'43	
	-4319 Mar 22 j 21:31	0°♓	
evening rise	-4319 Mar 28 j 08:50	11°♓47'01	
	-4319 Apr 06 j 17:34	0°♈	
evening max el	-4319 Apr 24 j 10:08	24°♈23'30	25°25'07
	-4319 May 02 j 02:28	0°♉	
desc. node	-4319 May 04 j 05:29	0°♉52'00	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-4319 May 08 j 12:01	1°♉34'53	
evening set	-4319 May 13 j 22:40	0°♉25'19	
	-4319 May 14 j 21:15	30℞♈	
min. Earth dist.	-4319 May 18 j 22:36	27°♈36'52	0.57990 AU
inferior conj	-4319 May 22 j 03:07	25°♈22'58	-3°-56'-6
minimum elong	-4319 May 21 j 23:16	25°♈29'45	3°55'31
morning rise	-4319 May 30 j 03:55	21°♈04'51	
direct	-4319 Jun 01 j 15:00	20°♈46'04	
morning max el	-4319 Jun 10 j 02:00	24°♈44'33	18°52'54
	-4319 Jun 14 j 14:12	0°♉	
asc. node	-4319 Jun 18 j 12:03	6°♉00'24	
morning set	-4319 Jun 26 j 14:36	21°♉01'43	
	-4319 Jul 01 j 04:21	0°♊	
superior conj	-4319 Jul 05 j 06:30	7°♊54'05	1°48'51
minimum elong	-4319 Jul 05 j 05:54	7°♊51'15	1°49'00
max. Earth dist.	-4319 Jul 12 j 01:37	20°♊28'02	1.38902 AU
evening rise	-4319 Jul 16 j 02:11	27°♊31'27	
	-4319 Jul 17 j 13:00	0°♋	
desc. node	-4319 Jul 31 j 04:22	21°♋38'36	
	-4319 Aug 05 j 23:39	0°♌	
evening max el	-4319 Aug 20 j 14:03	17°♌57'08	24°21'10
retrograde	-4319 Aug 31 j 18:21	24°♌30'34	
evening set	-4319 Sep 06 j 04:15	22°♌13'21	
min. Earth dist.	-4319 Sep 10 j 21:55	16°♌44'34	0.67242 AU
inferior conj	-4319 Sep 11 j 13:11	15°♌53'10	0°-59'-10
minimum elong	-4319 Sep 11 j 14:33	15°♌48'32	0°58'27
asc. node	-4319 Sep 14 j 11:14	12°♌10'07	
morning rise	-4319 Sep 17 j 01:06	9°♌44'20	
direct	-4319 Sep 20 j 19:04	8°♌23'48	
morning max el	-4319 Sep 28 j 18:41	13°♌03'49	20°29'25
greatest brilliancy	-4319 Oct 05 j 05:21	20°♌49'38	-0.5m
	-4319 Oct 11 j 17:36	0°♍	
morning set	-4319 Oct 26 j 17:29	22°♍41'12	
desc. node	-4319 Oct 27 j 04:09	23°♍22'34	
	-4319 Oct 31 j 09:45	0°♎	
max. Earth dist.	-4319 Nov 05 j 20:10	8°♎39'14	1.43364 AU
superior conj	-4319 Nov 11 j 21:23	18°♎32'11	-1°-28'-59
minimum elong	-4319 Nov 11 j 15:01	18°♎05'48	1°28'28
	-4319 Nov 18 j 16:30	0°♏	
evening rise	-4319 Nov 24 j 09:49	9°♏55'38	
	-4319 Dec 06 j 07:05	0°♐	
asc. node	-4319 Dec 11 j 10:02	6°♐40'37	
evening max el	-4319 Dec 11 j 18:21	7°♐01'59	18°09'48
retrograde	-4319 Dec 18 j 08:04	10°♐31'01	
evening set	-4319 Dec 21 j 01:10	9°♐54'24	
inferior conj	-4319 Dec 27 j 11:37	4°♐39'17	3°54'21
minimum elong	-4319 Dec 27 j 09:31	4°♐44'47	3°53'57
min. Earth dist.	-4319 Dec 30 j 04:04	1°♐52'29	0.62607 AU
	-4318 Jan 01 j 03:40	30℞♏	
morning rise	-4318 Jan 02 j 15:58	28°♏46'08	
direct	-4318 Jan 09 j 17:40	26°♏07'14	
	-4318 Jan 19 j 05:01	0°♐	
desc. node	-4318 Jan 23 j 03:49	3°♐24'03	
morning max el	-4318 Jan 23 j 14:36	3°♐50'15	27°42'16
	-4318 Feb 12 j 04:40	0°♑	
morning set	-4318 Feb 26 j 06:10	25°♑42'06	
	-4318 Feb 28 j 08:32	0°♒	
max. Earth dist.	-4318 Mar 03 j 22:34	7°♒33'43	1.32986 AU
superior conj	-4318 Mar 05 j 18:22	11°♒29'22	0°-36'-55
minimum elong	-4318 Mar 05 j 20:00	11°♒38'12	0°36'46
asc. node	-4318 Mar 09 j 09:19	19°♒20'14	
evening rise	-4318 Mar 12 j 20:27	26°♒44'33	
	-4318 Mar 14 j 09:58	0°♓	
	-4318 Apr 01 j 08:03	0°♈	

evening max el	-4318 Apr 06 j 02:19	5°♈12'34	23°55'59
retrograde	-4318 Apr 19 j 20:11	12°♈04'37	
desc. node	-4318 Apr 21 j 02:35	12°♈00'59	
evening set	-4318 Apr 23 j 23:17	11°♈26'52	
min. Earth dist.	-4318 Apr 30 j 13:52	8°♈18'00	0.56337 AU
inferior conj	-4318 May 02 j 22:01	6°♈51'53	-2°-58'-9
minimum elong	-4318 May 02 j 16:10	7°♈00'54	2°56'42
morning rise	-4318 May 11 j 12:51	2°♈50'13	
direct	-4318 May 14 j 00:11	2°♈34'19	
morning max el	-4318 May 23 j 22:10	7°♈10'37	19°50'45
asc. node	-4318 Jun 05 j 09:03	25°♈05'00	
	-4318 Jun 07 j 22:58	0°♉	
morning set	-4318 Jun 10 j 16:31	5°♉25'22	
superior conj	-4318 Jun 18 j 16:27	21°♉34'37	1°42'01
minimum elong	-4318 Jun 18 j 14:23	21°♉24'20	1°42'02
	-4318 Jun 22 j 23:59	0°♊	
max. Earth dist.	-4318 Jun 24 j 04:54	2°♊17'25	1.37033 AU
evening rise	-4318 Jun 28 j 04:06	9°♊37'15	
	-4318 Jul 10 j 06:00	0°♋	
desc. node	-4318 Jul 18 j 01:24	11°♋42'27	
	-4318 Aug 01 j 14:09	0°♌	
evening max el	-4318 Aug 03 j 00:38	1°♌27'23	25°35'46
retrograde	-4318 Aug 15 j 04:13	8°♌27'59	
evening set	-4318 Aug 21 j 05:15	5°♌53'38	
min. Earth dist.	-4318 Aug 25 j 14:02	1°♌02'09	0.66744 AU
	-4318 Aug 26 j 09:20	30℞♋	
inferior conj	-4318 Aug 26 j 16:38	29°♋36'24	-1°-51'00
minimum elong	-4318 Aug 26 j 19:09	29°♋28'17	1°49'53
morning rise	-4318 Sep 01 j 09:38	23°♋36'50	
asc. node	-4318 Sep 01 j 08:20	23°♋38'56	
direct	-4318 Sep 04 j 17:10	22°♋33'14	
morning max el	-4318 Sep 11 j 22:35	26°♋41'19	19°26'58
	-4318 Sep 14 j 20:29	0°♌	
greatest brilliancy	-4318 Sep 21 j 09:03	8°♌58'28	-0.7m
	-4318 Oct 05 j 02:00	0°♍	
morning set	-4318 Oct 05 j 20:12	1°♍10'58	
desc. node	-4318 Oct 14 j 01:04	14°♍00'45	
max. Earth dist.	-4318 Oct 19 j 10:44	22°♍31'43	1.44438 AU
superior conj	-4318 Oct 22 j 14:13	27°♍31'41	0°-52'-24
minimum elong	-4318 Oct 22 j 08:12	27°♍07'41	0°51'39
	-4318 Oct 24 j 03:19	0°♎	
evening rise	-4318 Nov 06 j 02:33	21°♎11'26	
	-4318 Nov 11 j 09:31	0°♏	
evening max el	-4318 Nov 25 j 06:56	20°♏22'55	18°27'30
asc. node	-4318 Nov 28 j 07:08	22°♏53'05	
retrograde	-4318 Dec 01 j 21:27	24°♏01'46	
evening set	-4318 Dec 04 j 18:43	23°♏16'05	
inferior conj	-4318 Dec 10 j 20:21	17°♏41'53	3°28'16
minimum elong	-4318 Dec 10 j 17:17	17°♏50'44	3°27'29
min. Earth dist.	-4318 Dec 12 j 22:11	15°♏18'27	0.64243 AU
morning rise	-4318 Dec 16 j 14:31	11°♏38'29	
direct	-4318 Dec 23 j 11:55	8°♏48'51	
morning max el	-4317 Jan 05 j 23:29	16°♏30'17	27°22'55
desc. node	-4317 Jan 10 j 00:51	20°♏51'43	
	-4317 Jan 17 j 05:51	0°♐	
	-4317 Feb 04 j 22:09	0°♑	
morning set	-4317 Feb 10 j 00:57	9°♑43'06	
max. Earth dist.	-4317 Feb 15 j 00:19	19°♑46'04	1.33741 AU
superior conj	-4317 Feb 18 j 00:31	26°♑04'52	-1°00'-49
minimum elong	-4317 Feb 18 j 03:04	26°♑18'22	1°00'34
	-4317 Feb 19 j 20:43	0°♒	
asc. node	-4317 Feb 24 j 06:19	9°♒22'29	
evening rise	-4317 Feb 25 j 07:31	11°♒34'59	
	-4317 Mar 06 j 21:34	0°♓	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4317 Mar 18 j 19:55	15°♓56'48	22°21'52
retrograde	-4317 Mar 31 j 16:29	22°♓12'37	
evening set	-4317 Apr 03 j 16:13	21°♓52'56	
desc. node	-4317 Apr 07 j 23:42	20°♓23'08	
min. Earth dist.	-4317 Apr 12 j 03:59	18°♓11'07	0.55345 AU
inferior conj	-4317 Apr 12 j 23:53	17°♓42'51	-1°-21'-51
minimum elong	-4317 Apr 12 j 20:14	17°♓48'02	1°20'42
morning rise	-4317 Apr 22 j 02:10	13°♓45'25	
direct	-4317 Apr 24 j 17:07	13°♓29'42	
morning max el	-4317 May 06 j 07:47	18°♓56'40	21°08'02
	-4317 May 15 j 02:51	0°♈	
asc. node	-4317 May 23 j 06:02	14°♈35'44	
morning set	-4317 May 25 j 23:50	20°♈08'30	
	-4317 May 30 j 17:36	0°♉	
superior conj	-4317 Jun 02 j 12:52	5°♉49'09	1°28'50
minimum elong	-4317 Jun 02 j 10:12	5°♉35'24	1°28'39
max. Earth dist.	-4317 Jun 06 j 14:59	14°♉06'32	1.35427 AU
evening rise	-4317 Jun 11 j 01:25	22°♉42'54	
	-4317 Jun 15 j 00:14	0°♊	
	-4317 Jul 03 j 22:40	0°♋	
desc. node	-4317 Jul 04 j 22:25	1°♋20'41	
evening max el	-4317 Jul 16 j 11:34	14°♋56'30	26°36'16
retrograde	-4317 Jul 29 j 09:22	22°♋13'57	
evening set	-4317 Aug 04 j 23:52	19°♋28'39	
min. Earth dist.	-4317 Aug 09 j 00:31	15°♋15'55	0.65892 AU
inferior conj	-4317 Aug 10 j 15:43	13°♋17'25	-2°-39'-30
minimum elong	-4317 Aug 10 j 19:07	13°♋07'10	2°38'14
morning rise	-4317 Aug 16 j 15:21	7°♋30'15	
asc. node	-4317 Aug 19 j 05:26	6°♋41'08	
direct	-4317 Aug 19 j 14:45	6°♋40'17	
morning max el	-4317 Aug 26 j 08:28	10°♋25'17	18°39'49
	-4317 Sep 09 j 03:45	0°♌	
morning set	-4317 Sep 15 j 20:36	10°♌46'14	
	-4317 Sep 27 j 22:06	0°♍	
desc. node	-4317 Sep 30 j 22:00	4°♍43'45	
superior conj	-4317 Oct 01 j 14:31	5°♍48'51	0°-4'-22
minimum elong	-4317 Oct 01 j 13:57	5°♍46'35	0°04'13
behind sun begin	-4317 Oct 01 j 02:51	5°♍02'52	
behind sun end	-4317 Oct 02 j 01:02	6°♍30'19	
max. Earth dist.	-4317 Oct 02 j 04:13	6°♍42'51	1.44817 AU
	-4317 Oct 16 j 21:48	0°♎	
evening rise	-4317 Oct 17 j 18:50	1°♎23'40	
	-4317 Nov 05 j 11:39	0°♏	
evening max el	-4317 Nov 08 j 17:33	3°♏48'28	19°02'49
asc. node	-4317 Nov 15 j 04:15	7°♏44'41	
retrograde	-4317 Nov 15 j 16:03	7°♏46'03	
evening set	-4317 Nov 18 j 19:23	6°♏49'09	
inferior conj	-4317 Nov 24 j 14:13	0°♏59'02	2°51'08
minimum elong	-4317 Nov 24 j 11:04	1°♏08'52	2°50'06
	-4317 Nov 25 j 09:04	30°℞♎	
min. Earth dist.	-4317 Nov 26 j 01:54	29°♎07'40	0.65536 AU
morning rise	-4317 Nov 30 j 01:47	24°♎48'08	
direct	-4317 Dec 06 j 12:41	22°♎01'28	
morning max el	-4317 Dec 19 j 09:16	29°♎31'38	26°33'24
	-4317 Dec 19 j 20:32	0°♏	
desc. node	-4317 Dec 27 j 21:53	9°♏22'22	
	-4316 Jan 11 j 02:43	0°♐	
morning set	-4316 Jan 24 j 08:08	23°♐04'18	
	-4316 Jan 27 j 22:20	0°♑	
max. Earth dist.	-4316 Jan 28 j 15:02	1°♑22'28	1.34933 AU
superior conj	-4316 Feb 02 j 00:54	10°♑18'08	-1°-22'-27
minimum elong	-4316 Feb 02 j 03:58	10°♑33'55	1°22'14
evening rise	-4316 Feb 09 j 16:17	26°♑12'30	
asc. node	-4316 Feb 11 j 03:19	29°♑11'55	
	-4316 Feb 11 j 12:49	0°♒	
evening max el	-4316 Feb 28 j 21:08	27°♒02'41	20°55'18
	-4316 Mar 03 j 13:56	0°♓	
retrograde	-4316 Mar 11 j 06:14	2°♓28'00	
evening set	-4316 Mar 13 j 16:04	2°♓14'20	
	-4316 Mar 19 j 16:23	30°℞♒	
inferior conj	-4316 Mar 22 j 19:15	28°♒16'27	0°34'12
minimum elong	-4316 Mar 22 j 20:48	28°♒14'14	0°33'33
min. Earth dist.	-4316 Mar 23 j 18:16	27°♒43'30	0.55250 AU
desc. node	-4316 Mar 24 j 20:51	27°♒05'58	
morning rise	-4316 Apr 01 j 00:18	24°♒05'04	
direct	-4316 Apr 04 j 05:10	23°♒42'43	
	-4316 Apr 17 j 05:51	0°♓	
morning max el	-4316 Apr 17 j 07:00	0°♓02'42	22°40'34
	-4316 May 06 j 23:10	0°♈	
morning set	-4316 May 09 j 10:29	5°♈04'16	
asc. node	-4316 May 09 j 03:00	4°♈25'18	
superior conj	-4316 May 16 j 16:29	20°♈27'04	1°11'05
minimum elong	-4316 May 16 j 13:53	20°♈13'19	1°10'45
max. Earth dist.	-4316 May 19 j 11:02	26°♈16'30	1.34182 AU
	-4316 May 21 j 06:27	0°♉	
evening rise	-4316 May 24 j 12:59	6°♉33'13	
	-4316 Jun 06 j 14:57	0°♊	
desc. node	-4316 Jun 20 j 19:30	20°♊22'03	
evening max el	-4316 Jun 27 j 22:49	28°♊16'00	27°14'50
	-4316 Jun 29 j 20:03	0°♋	
retrograde	-4316 Jul 11 j 09:14	5°♋40'09	
evening set	-4316 Jul 18 j 09:21	2°♋53'54	
	-4316 Jul 21 j 11:44	30°℞♊	
min. Earth dist.	-4316 Jul 22 j 03:14	29°♊18'34	0.64665 AU
inferior conj	-4316 Jul 24 j 08:10	26°♊51'46	-3°-22'-17
minimum elong	-4316 Jul 24 j 11:53	26°♊41'26	3°21'11
morning rise	-4316 Jul 30 j 15:55	21°♊20'01	
direct	-4316 Aug 02 j 09:32	20°♊40'29	
asc. node	-4316 Aug 05 j 02:31	21°♊18'56	
morning max el	-4316 Aug 08 j 22:05	24°♊10'50	18°09'23
	-4316 Aug 13 j 15:04	0°♋	
morning set	-4316 Aug 27 j 00:17	21°♋39'43	
	-4316 Sep 01 j 00:04	0°♌	
superior conj	-4316 Sep 09 j 20:10	14°♌25'23	0°43'08
minimum elong	-4316 Sep 10 j 00:59	14°♌44'42	0°42'41
max. Earth dist.	-4316 Sep 13 j 21:35	20°♌54'02	1.44472 AU
desc. node	-4316 Sep 16 j 18:56	25°♌27'57	
	-4316 Sep 19 j 16:15	0°♍	
evening rise	-4316 Sep 26 j 11:14	10°♍34'28	
	-4316 Oct 09 j 03:28	0°♎	
greatest brilliancy	-4316 Oct 14 j 10:44	7°♎45'04	-0.6m
evening max el	-4316 Oct 21 j 23:59	17°♎15'05	19°54'14
retrograde	-4316 Oct 29 j 12:56	21°♎39'14	
asc. node	-4316 Nov 01 j 01:23	21°♎02'21	
evening set	-4316 Nov 02 j 00:35	20°♎28'25	
inferior conj	-4316 Nov 07 j 14:22	14°♎25'39	2°06'33
minimum elong	-4316 Nov 07 j 11:45	14°♎34'19	2°05'34
min. Earth dist.	-4316 Nov 08 j 13:15	13°♎10'04	0.66473 AU
morning rise	-4316 Nov 12 j 22:15	8°♎10'05	
direct	-4316 Nov 18 j 19:12	5°♎36'40	
morning max el	-4316 Nov 30 j 18:13	12°♎42'08	25°22'10
desc. node	-4316 Dec 13 j 18:54	28°♎37'07	
	-4316 Dec 14 j 18:40	0°♏	
	-4315 Jan 02 j 20:08	0°♐	
morning set	-4315 Jan 05 j 22:50	5°♐31'22	
max. Earth dist.	-4315 Jan 09 j 18:10	12°♐31'47	1.36563 AU
superior conj	-4315 Jan 15 j 16:44	24°♐01'05	-1°-40'-6
minimum elong	-4315 Jan 15 j 19:36	24°♐15'23	1°40'03

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4315 Jan 18 j 16:20	0°♉		
evening rise	-4315 Jan 23 j 20:46	10°♉31'11		
asc. node	-4315 Jan 28 j 00:22	18°♉43'19		
	-4315 Feb 03 j 10:46	0°♒		
evening max el	-4315 Feb 10 j 08:51	8°♒43'46	19°44'14	
retrograde	-4315 Feb 20 j 01:16	13°♒19'05		
evening set	-4315 Feb 22 j 09:08	13°♒04'23		
inferior conj	-4315 Mar 02 j 22:14	9°♒01'32	2°17'49	
minimum elong	-4315 Mar 03 j 03:07	8°♒53'50	2°16'15	
min. Earth dist.	-4315 Mar 05 j 08:49	7°♒29'49	0.56074 AU	
morning rise	-4315 Mar 11 j 17:46	4°♒23'09		
desc. node	-4315 Mar 11 j 18:01	4°♒22'58		
direct	-4315 Mar 16 j 00:50	3°♒41'55		
morning max el	-4315 Mar 29 j 23:10	10°♒42'09	24°19'31	
	-4315 Apr 13 j 10:13	0°♓		
morning set	-4315 Apr 23 j 22:42	20°♓06'53		
asc. node	-4315 Apr 25 j 23:59	24°♓28'08		
	-4315 Apr 28 j 13:36	0°♈		
superior conj	-4315 May 01 j 00:47	5°♈20'16	0°50'06	
minimum elong	-4315 Apr 30 j 22:45	5°♈09'16	0°49'44	
max. Earth dist.	-4315 May 02 j 16:20	8°♈53'04	1.33308 AU	
evening rise	-4315 May 08 j 10:42	20°♈55'31		
	-4315 May 13 j 01:58	0°♉		
	-4315 May 31 j 15:40	0°♊		
desc. node	-4315 Jun 07 j 16:35	8°♊31'01		
evening max el	-4315 Jun 10 j 08:41	11°♊14'12	27°24'53	
retrograde	-4315 Jun 24 j 03:00	18°♊38'15		
evening set	-4315 Jul 01 j 06:18	16°♊04'09		
min. Earth dist.	-4315 Jul 04 j 20:35	13°♊00'05	0.63072 AU	
inferior conj	-4315 Jul 07 j 15:15	10°♊14'05	-3°-55'-52	
minimum elong	-4315 Jul 07 j 18:24	10°♊06'12	3°55'12	
morning rise	-4315 Jul 14 j 08:36	5°♊00'51		
direct	-4315 Jul 16 j 22:39	4°♊29'04		
asc. node	-4315 Jul 22 j 23:36	7°♊21'25		
morning max el	-4315 Jul 23 j 12:54	7°♊53'08	17°56'48	
	-4315 Aug 07 j 01:33	0°♋		
morning set	-4315 Aug 09 j 04:02	3°♋42'17		
superior conj	-4315 Aug 21 j 01:12	24°♋11'57	1°19'19	
minimum elong	-4315 Aug 21 j 06:52	24°♋35'39	1°18'57	
	-4315 Aug 24 j 13:13	0°♌		
max. Earth dist.	-4315 Aug 27 j 12:15	4°♌49'07	1.43459 AU	
desc. node	-4315 Sep 03 j 15:52	16°♌10'32		
evening rise	-4315 Sep 05 j 15:13	19°♌14'52		
	-4315 Sep 12 j 15:44	0°♍		
greatest brilliancy	-4315 Sep 29 j 10:49	24°♍07'10	-0.5m	
	-4315 Oct 04 j 08:58	0°♎		
evening max el	-4315 Oct 05 j 00:39	0°♎41'02	20°59'19	
retrograde	-4315 Oct 13 j 09:53	5°♎38'36		
evening set	-4315 Oct 17 j 08:09	4°♎11'03		
asc. node	-4315 Oct 18 j 22:33	2°♎45'22		
	-4315 Oct 21 j 06:30	30°℞♍		
inferior conj	-4315 Oct 22 j 18:32	27°♍58'54	1°17'05	
minimum elong	-4315 Oct 22 j 16:49	28°♍04'46	1°16'25	
min. Earth dist.	-4315 Oct 23 j 05:59	27°♍19'48	0.67080 AU	
morning rise	-4315 Oct 28 j 01:05	21°♍41'28		
direct	-4315 Nov 02 j 06:42	19°♍27'30		
morning max el	-4315 Nov 13 j 02:56	25°♍55'48	23°58'43	
	-4315 Nov 16 j 20:23	0°♎		
desc. node	-4315 Nov 30 j 15:51	18°♎22'47		
	-4315 Dec 08 j 08:42	0°♏		
morning set	-4315 Dec 18 j 14:58	16°♏46'59		
max. Earth dist.	-4315 Dec 22 j 14:38	23°♏44'33	1.38528 AU	
	-4315 Dec 26 j 01:43	0°♐		
superior conj	-4315 Dec 29 j 20:12	7°♐02'23	-1°-51'-29	
minimum elong	-4315 Dec 29 j 21:48	7°♐10'02	1°51'38	
evening rise	-4314 Jan 07 j 18:31	24°♐23'44		
	-4314 Jan 10 j 15:48	0°♑		
asc. node	-4314 Jan 14 j 21:27	7°♑49'28		
evening max el	-4314 Jan 24 j 06:28	20°♑58'46	18°52'07	
retrograde	-4314 Feb 01 j 12:22	24°♑56'53		
evening set	-4314 Feb 03 j 22:27	24°♑37'46		
inferior conj	-4314 Feb 11 j 18:48	20°♑17'56	3°27'01	
minimum elong	-4314 Feb 11 j 23:01	20°♑10'15	3°26'03	
min. Earth dist.	-4314 Feb 15 j 00:28	17°♑58'02	0.57614 AU	
morning rise	-4314 Feb 19 j 19:55	15°♑10'50		
direct	-4314 Feb 25 j 08:43	13°♑57'07		
desc. node	-4314 Feb 26 j 15:10	14°♑01'01		
morning max el	-4314 Mar 11 j 14:21	21°♑20'28	25°51'16	
	-4314 Mar 19 j 03:10	0°♒		
	-4314 Apr 05 j 22:42	0°♓		
morning set	-4314 Apr 08 j 10:40	5°♓08'59		
asc. node	-4314 Apr 12 j 20:59	14°♓38'27		
superior conj	-4314 Apr 15 j 11:41	20°♓20'37	0°26'55	
minimum elong	-4314 Apr 15 j 10:32	20°♓14'17	0°26'37	
max. Earth dist.	-4314 Apr 16 j 03:38	21°♓47'35	1.32781 AU	
	-4314 Apr 19 j 22:50	0°♈		
evening rise	-4314 Apr 22 j 15:11	5°♈37'44		
	-4314 May 05 j 17:33	0°♉		
evening max el	-4314 May 23 j 14:25	23°♉37'25	27°02'32	
desc. node	-4314 May 25 j 13:44	25°♉24'38		
	-4314 Jun 01 j 18:12	0°♊		
retrograde	-4314 Jun 06 j 13:42	0°♊58'55		
	-4314 Jun 11 j 05:14	30°℞♉		
evening set	-4314 Jun 13 j 10:39	28°♉50'38		
min. Earth dist.	-4314 Jun 17 j 03:54	26°♉05'56	0.61169 AU	
inferior conj	-4314 Jun 20 j 09:36	23°♉15'47	-4°-15'-1	
minimum elong	-4314 Jun 20 j 10:53	23°♉12'55	4°14'48	
morning rise	-4314 Jun 27 j 14:03	18°♉23'48		
direct	-4314 Jun 30 j 02:17	17°♉57'56		
morning max el	-4314 Jul 07 j 02:12	21°♉25'27	18°03'04	
asc. node	-4314 Jul 09 j 20:38	24°♉32'26		
	-4314 Jul 13 j 15:36	0°♊		
morning set	-4314 Jul 23 j 02:20	16°♊38'56		
	-4314 Jul 30 j 09:38	0°♋		
superior conj	-4314 Aug 02 j 09:56	5°♋21'28	1°40'46	
minimum elong	-4314 Aug 02 j 13:21	5°♋36'30	1°40'45	
max. Earth dist.	-4314 Aug 09 j 22:00	18°♋12'17	1.41903 AU	
evening rise	-4314 Aug 16 j 02:38	28°♋17'54		
	-4314 Aug 17 j 04:19	0°♌		
desc. node	-4314 Aug 21 j 12:49	6°♌48'25		
	-4314 Sep 06 j 08:37	0°♍		
greatest brilliancy	-4314 Sep 13 j 01:29	8°♍45'49	-0.3m	
evening max el	-4314 Sep 17 j 19:04	14°♍06'12	22°14'34	
retrograde	-4314 Sep 27 j 05:15	19°♍42'03		
evening set	-4314 Oct 01 j 16:12	17°♍55'34		
asc. node	-4314 Oct 05 j 19:42	13°♍16'56		
inferior conj	-4314 Oct 07 j 00:45	11°♍37'24	0°24'48	
minimum elong	-4314 Oct 07 j 00:10	11°♍39'23	0°24'39	
min. Earth dist.	-4314 Oct 07 j 01:41	11°♍34'09	0.67377 AU	
morning rise	-4314 Oct 12 j 08:00	5°♍20'54		
direct	-4314 Oct 16 j 22:31	3°♍28'37		
morning max el	-4314 Oct 26 j 14:11	9°♍13'35	22°32'32	
greatest brilliancy	-4314 Oct 31 j 07:11	14°♍31'55	-0.3m	
	-4314 Nov 11 j 18:15	0°♎		
desc. node	-4314 Nov 17 j 12:47	8°♎30'34		
morning set	-4314 Nov 29 j 03:14	26°♎39'52		
	-4314 Dec 01 j 04:02	0°♏		
max. Earth dist.	-4314 Dec 04 j 12:15	5°♏35'43	1.40594 AU	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4314 Dec 12 j 06:27	19°♏09'22	-1°-53'-32
minimum elong	-4314 Dec 12 j 05:24	19°♏04'38	1°53'41
	-4314 Dec 18 j 04:04	0°♐	
evening rise	-4314 Dec 22 j 06:37	7°♐43'17	
asc. node	-4313 Jan 01 j 18:33	26°♐22'08	
	-4313 Jan 04 j 07:10	0°♑	
evening max el	-4313 Jan 07 j 11:51	3°♑41'44	18°20'06
retrograde	-4313 Jan 14 j 18:08	7°♑18'09	
evening set	-4313 Jan 17 j 06:40	6°♑53'09	
inferior conj	-4313 Jan 24 j 11:49	2°♑11'57	3°59'18
minimum elong	-4313 Jan 24 j 13:19	2°♑08'47	3°59'01
	-4313 Jan 27 j 02:12	30°℞♐	
min. Earth dist.	-4313 Jan 27 j 20:11	29°♐23'20	0.59539 AU
morning rise	-4313 Jan 31 j 16:49	26°♐41'52	
direct	-4313 Feb 07 j 04:46	24°♐49'16	
desc. node	-4313 Feb 13 j 12:17	26°♐28'16	
	-4313 Feb 18 j 17:54	0°♑	
morning max el	-4313 Feb 21 j 10:08	2°♑25'04	27°00'49
	-4313 Mar 13 j 09:27	0°♒	
morning set	-4313 Mar 23 j 20:40	20°♒04'17	
	-4313 Mar 28 j 12:26	0°♓	
superior conj	-4313 Mar 30 j 23:26	5°♓22'01	0°02'24
minimum elong	-4313 Mar 30 j 23:21	5°♓21'29	0°02'16
behind sun begin	-4313 Mar 30 j 18:23	4°♓54'20	
behind sun end	-4313 Mar 31 j 04:18	5°♓48'37	
max. Earth dist.	-4313 Mar 30 j 17:11	4°♓47'45	1.32584 AU
asc. node	-4313 Mar 30 j 17:57	4°♓51'56	
evening rise	-4313 Apr 07 j 00:00	20°♓31'21	
	-4313 Apr 11 j 16:26	0°♈	
	-4313 Apr 30 j 15:56	0°♉	
evening max el	-4313 May 05 j 13:55	5°♉18'01	26°08'15
desc. node	-4313 May 12 j 10:53	10°♉32'18	
retrograde	-4313 May 19 j 16:01	12°♉35'20	
evening set	-4313 May 25 j 18:35	11°♉03'16	
min. Earth dist.	-4313 May 30 j 02:37	8°♉21'05	0.59124 AU
inferior conj	-4313 Jun 02 j 11:31	5°♉47'22	-4°-11'-52
minimum elong	-4313 Jun 02 j 09:40	5°♉50'54	4°11'40
morning rise	-4313 Jun 10 j 04:35	1°♉17'43	
direct	-4313 Jun 12 j 15:56	0°♉56'41	
morning max el	-4313 Jun 20 j 11:07	4°♉39'35	18°28'56
asc. node	-4313 Jun 26 j 17:39	12°♉36'57	
	-4313 Jul 06 j 10:46	0°♊	
morning set	-4313 Jul 06 j 14:13	0°♊16'30	
superior conj	-4313 Jul 15 j 18:13	17°♊42'11	1°48'59
minimum elong	-4313 Jul 15 j 18:54	17°♊45'21	1°49'09
	-4313 Jul 22 j 14:13	0°♋	
max. Earth dist.	-4313 Jul 23 j 01:50	0°♋50'39	1.40021 AU
evening rise	-4313 Jul 27 j 12:43	8°♋25'46	
desc. node	-4313 Aug 08 j 09:49	27°♋17'17	
	-4313 Aug 10 j 05:16	0°♌	
evening max el	-4313 Aug 31 j 08:22	27°♌31'37	23°35'04
	-4313 Sep 03 j 00:25	0°♍	
retrograde	-4313 Sep 10 j 21:44	3°♍46'09	
evening set	-4313 Sep 15 j 22:57	1°♍39'49	
	-4313 Sep 17 j 15:36	30°℞♌	
inferior conj	-4313 Sep 21 j 07:15	25°♌19'08	0°-28'-35
minimum elong	-4313 Sep 21 j 07:55	25°♌16'52	0°28'11
min. Earth dist.	-4313 Sep 20 j 21:58	25°♌50'56	0.67376 AU
asc. node	-4313 Sep 22 j 16:48	23°♌25'53	
morning rise	-4313 Sep 26 j 17:00	19°♌06'34	
direct	-4313 Sep 30 j 17:48	17°♌35'13	
morning max el	-4313 Oct 09 j 06:53	22°♌37'44	21°11'24
greatest brilliancy	-4313 Oct 14 j 18:27	29°♌01'25	-0.5m
	-4313 Oct 15 j 12:35	0°♍	
desc. node	-4313 Nov 04 j 09:41	28°♍53'34	
	-4313 Nov 05 j 02:55	0°♎	
morning set	-4313 Nov 08 j 12:49	5°♎18'35	
max. Earth dist.	-4313 Nov 16 j 15:43	18°♎18'01	1.42470 AU
superior conj	-4313 Nov 23 j 17:43	0°♏07'33	-1°-42'-33
minimum elong	-4313 Nov 23 j 13:02	29°♎47'37	1°42'20
	-4313 Nov 23 j 15:56	0°♏	
evening rise	-4313 Dec 05 j 05:21	20°♏21'21	
	-4313 Dec 10 j 14:42	0°♐	
asc. node	-4313 Dec 19 j 15:38	14°♐10'32	
evening max el	-4313 Dec 21 j 22:13	16°♐44'38	18°08'03
retrograde	-4313 Dec 28 j 15:27	20°♐13'03	
evening set	-4313 Dec 31 j 06:35	19°♐41'09	
inferior conj	-4312 Jan 06 j 23:09	14°♐38'14	4°02'23
minimum elong	-4312 Jan 06 j 22:04	14°♐40'52	4°02'08
min. Earth dist.	-4312 Jan 09 j 23:13	11°♐44'24	0.61528 AU
morning rise	-4312 Jan 13 j 11:11	8°♐51'59	
direct	-4312 Jan 20 j 11:07	6°♐25'53	
desc. node	-4312 Jan 31 j 09:20	11°♐19'49	
morning max el	-4312 Feb 03 j 12:09	14°♐08'28	27°37'37
	-4312 Feb 16 j 08:11	0°♑	
	-4312 Mar 04 j 18:05	0°♒	
morning set	-4312 Mar 07 j 02:44	4°♒45'28	
max. Earth dist.	-4312 Mar 13 j 05:04	17°♒39'14	1.32724 AU
superior conj	-4312 Mar 14 j 10:25	20°♒18'36	0°-22'-38
minimum elong	-4312 Mar 14 j 11:26	20°♒24'08	0°22'34
asc. node	-4312 Mar 16 j 14:57	25°♒04'47	
	-4312 Mar 18 j 21:23	0°♓	
evening rise	-4312 Mar 21 j 11:05	5°♓29'05	
	-4312 Apr 03 j 14:02	0°♈	
evening max el	-4312 Apr 16 j 07:48	16°♈21'24	24°48'45
desc. node	-4312 Apr 28 j 08:01	23°♈17'59	
retrograde	-4312 Apr 30 j 07:59	23°♈27'17	
evening set	-4312 May 05 j 05:20	22°♈32'38	
min. Earth dist.	-4312 May 10 j 20:01	19°♈36'45	0.57221 AU
inferior conj	-4312 May 13 j 18:05	17°♈41'05	-3°-36'-30
minimum elong	-4312 May 13 j 13:02	17°♈49'30	3°35'32
morning rise	-4312 May 22 j 00:56	13°♈31'09	
direct	-4312 May 24 j 11:46	13°♈13'57	
morning max el	-4312 Jun 02 j 12:48	17°♈26'51	19°15'01
	-4312 Jun 11 j 19:31	0°♉	
asc. node	-4312 Jun 12 j 14:38	1°♉22'56	
morning set	-4312 Jun 19 j 11:55	14°♉26'05	
	-4312 Jun 27 j 08:20	0°♊	
superior conj	-4312 Jun 27 j 20:21	0°♊58'23	1°46'51
minimum elong	-4312 Jun 27 j 19:01	0°♊51'55	1°46'59
max. Earth dist.	-4312 Jul 04 j 03:13	12°♊50'32	1.38083 AU
evening rise	-4312 Jul 08 j 01:10	19°♊51'42	
	-4312 Jul 14 j 00:08	0°♋	
desc. node	-4312 Jul 25 j 06:51	17°♋32'23	
	-4312 Aug 03 j 07:16	0°♌	
evening max el	-4312 Aug 12 j 19:17	11°♌00'38	24°54'05
retrograde	-4312 Aug 24 j 10:21	17°♌47'35	
evening set	-4312 Aug 30 j 02:38	15°♌22'39	
min. Earth dist.	-4312 Sep 03 j 16:25	10°♌09'12	0.67069 AU
inferior conj	-4312 Sep 04 j 12:22	9°♌03'03	-1°-21'-26
minimum elong	-4312 Sep 04 j 14:15	8°♌56'48	1°20'32
asc. node	-4312 Sep 08 j 13:53	4°♌12'24	
morning rise	-4312 Sep 10 j 02:15	2°♌57'33	
direct	-4312 Sep 13 j 15:25	1°♌44'42	
morning max el	-4312 Sep 21 j 06:40	6°♌10'31	20°01'00
greatest brilliancy	-4312 Sep 28 j 17:00	15°♌23'20	-0.6m
	-4312 Oct 08 j 15:38	0°♍	
morning set	-4312 Oct 17 j 11:07	13°♍31'35	
desc. node	-4312 Oct 21 j 06:36	19°♍27'24	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4312 Oct 27 j 23:14	0°♎	
max. Earth dist.	-4312 Oct 29 j 02:16	1°♎47'42	1.43900 AU
superior conj	-4312 Nov 03 j 01:46	9°♎48'58	-1°-15'-22
minimum elong	-4312 Nov 02 j 18:53	9°♎21'00	1°14'40
	-4312 Nov 15 j 04:03	0°♏	
evening rise	-4312 Nov 16 j 10:21	2°♏09'35	
	-4312 Dec 04 j 10:28	0°♐	
evening max el	-4312 Dec 04 j 10:50	0°♐00'55	18°15'11
asc. node	-4312 Dec 05 j 12:43	1°♐02'14	
retrograde	-4312 Dec 11 j 00:00	3°♐32'51	
evening set	-4312 Dec 13 j 18:39	2°♐52'40	
	-4312 Dec 17 j 15:19	30°℞♏	
inferior conj	-4312 Dec 20 j 01:07	27°♏29'25	3°44'55
minimum elong	-4312 Dec 19 j 22:29	27°♏36'37	3°44'20
min. Earth dist.	-4312 Dec 22 j 11:35	24°♏50'42	0.63343 AU
morning rise	-4312 Dec 26 j 00:38	21°♏31'34	
direct	-4311 Jan 02 j 01:36	18°♏45'50	
morning max el	-4311 Jan 15 j 19:01	26°♏29'34	27°38'06
desc. node	-4311 Jan 17 j 06:22	27°♏59'38	
	-4311 Jan 19 j 02:37	0°♐	
	-4311 Feb 08 j 21:04	0°♑	
morning set	-4311 Feb 19 j 02:28	19°♑03'42	
	-4311 Feb 24 j 09:53	0°♒	
max. Earth dist.	-4311 Feb 24 j 11:26	0°♒08'13	1.33245 AU
superior conj	-4311 Feb 26 j 18:53	5°♒03'43	0°-47'-15
minimum elong	-4311 Feb 26 j 20:56	5°♒14'44	0°47'02
asc. node	-4311 Mar 03 j 11:57	15°♒12'08	
evening rise	-4311 Mar 05 j 22:39	20°♒23'54	
	-4311 Mar 10 j 16:07	0°♓	
evening max el	-4311 Mar 28 j 23:58	27°♓05'35	23°15'56
	-4311 Apr 01 j 10:31	0°♈	
retrograde	-4311 Apr 11 j 10:59	3°♈44'17	
evening set	-4311 Apr 15 j 00:55	3°♈16'14	
desc. node	-4311 Apr 15 j 05:10	3°♈13'27	
	-4311 Apr 22 j 07:28	30°℞♓	
min. Earth dist.	-4311 Apr 22 j 10:54	29°♓55'01	0.55810 AU
inferior conj	-4311 Apr 24 j 05:02	28°♓52'57	-2°-21'-31
minimum elong	-4311 Apr 23 j 23:33	29°♓01'04	2°19'56
morning rise	-4311 May 03 j 01:17	24°♓54'37	
direct	-4311 May 05 j 13:18	24°♓39'18	
morning max el	-4311 May 16 j 04:38	29°♓36'39	20°21'19
	-4311 May 16 j 14:29	0°♈	
asc. node	-4311 May 30 j 11:38	20°♈39'41	
morning set	-4311 Jun 03 j 16:27	28°♈58'59	
	-4311 Jun 04 j 04:26	0°♉	
superior conj	-4311 Jun 11 j 11:14	14°♉54'48	1°37'06
minimum elong	-4311 Jun 11 j 08:49	14°♉42'34	1°37'01
max. Earth dist.	-4311 Jun 16 j 08:48	24°♉36'41	1.36316 AU
	-4311 Jun 19 j 04:47	0°♊	
evening rise	-4311 Jun 20 j 12:05	2°♊25'25	
	-4311 Jul 07 j 00:41	0°♋	
desc. node	-4311 Jul 12 j 03:53	7°♋26'27	
evening max el	-4311 Jul 26 j 06:08	24°♋31'53	26°03'42
	-4311 Aug 02 j 04:28	0°♌	
retrograde	-4311 Aug 07 j 18:17	1°♌40'37	
	-4311 Aug 12 j 18:41	30°℞♋	
evening set	-4311 Aug 14 j 01:13	29°♋01'00	
min. Earth dist.	-4311 Aug 18 j 06:33	24°♋25'37	0.66431 AU
inferior conj	-4311 Aug 19 j 14:15	22°♋45'56	-2°-12'-6
minimum elong	-4311 Aug 19 j 17:11	22°♋36'42	2°10'53
morning rise	-4311 Aug 25 j 09:52	16°♋50'57	
asc. node	-4311 Aug 26 j 10:58	16°♋19'09	
direct	-4311 Aug 28 j 13:41	15°♋53'26	
morning max el	-4311 Sep 04 j 13:15	19°♋50'41	19°04'48
	-4311 Sep 12 j 10:19	0°♌	
morning set	-4311 Sep 26 j 21:28	22°♌25'02	
	-4311 Oct 01 j 17:01	0°♍	
desc. node	-4311 Oct 08 j 03:32	10°♍07'55	
max. Earth dist.	-4311 Oct 11 j 18:26	15°♍50'19	1.44693 AU
superior conj	-4311 Oct 13 j 09:27	18°♍24'26	0°-32'-47
minimum elong	-4311 Oct 13 j 05:18	18°♍08'00	0°32'14
	-4311 Oct 20 j 16:20	0°♎	
evening rise	-4311 Oct 28 j 16:59	12°♎58'46	
	-4311 Nov 08 j 04:54	0°♏	
evening max el	-4311 Nov 17 j 22:59	13°♏24'54	18°40'32
asc. node	-4311 Nov 22 j 09:48	16°♏42'25	
retrograde	-4311 Nov 24 j 15:54	17°♏10'16	
evening set	-4311 Nov 27 j 15:36	16°♏20'00	
inferior conj	-4311 Dec 03 j 14:07	10°♏38'47	3°13'36
minimum elong	-4311 Dec 03 j 10:55	10°♏48'19	3°12'40
min. Earth dist.	-4311 Dec 05 j 09:48	8°♏28'21	0.64840 AU
morning rise	-4311 Dec 09 j 05:06	4°♏32'09	
direct	-4311 Dec 15 j 22:47	1°♏42'13	
morning max el	-4311 Dec 29 j 04:23	9°♏19'37	27°05'07
desc. node	-4310 Jan 04 j 03:24	15°♏56'51	
	-4310 Jan 14 j 11:40	0°♐	
	-4310 Feb 01 j 05:29	0°♑	
morning set	-4310 Feb 02 j 16:49	2°♑49'17	
max. Earth dist.	-4310 Feb 07 j 08:45	12°♑05'18	1.34191 AU
superior conj	-4310 Feb 10 j 22:55	19°♑31'04	-1°-10'-22
minimum elong	-4310 Feb 11 j 01:45	19°♑45'54	1°10'06
	-4310 Feb 15 j 21:58	0°♒	
evening rise	-4310 Feb 18 j 09:00	5°♒09'58	
asc. node	-4310 Feb 18 j 08:58	5°♒09'50	
	-4310 Mar 04 j 03:49	0°♓	
evening max el	-4310 Mar 10 j 20:22	7°♓56'56	21°43'38
retrograde	-4310 Mar 23 j 02:49	13°♓51'37	
evening set	-4310 Mar 25 j 19:06	13°♓35'33	
desc. node	-4310 Apr 02 j 02:18	10°♓40'02	
inferior conj	-4310 Apr 04 j 02:28	9°♓33'06	0°-33'-16
minimum elong	-4310 Apr 04 j 00:55	9°♓35'17	0°32'49
min. Earth dist.	-4310 Apr 04 j 00:52	9°♓35'21	0.55191 AU
morning rise	-4310 Apr 13 j 07:20	5°♓32'04	
direct	-4310 Apr 16 j 02:57	5°♓14'28	
morning max el	-4310 Apr 28 j 09:28	11°♓04'17	21°45'53
	-4310 May 11 j 23:58	0°♈	
asc. node	-4310 May 17 j 08:39	10°♈19'21	
morning set	-4310 May 19 j 01:29	13°♈48'27	
superior conj	-4310 May 26 j 11:04	29°♈20'12	1°21'47
minimum elong	-4310 May 26 j 08:22	29°♈06'04	1°21'31
	-4310 May 26 j 18:42	0°♉	
max. Earth dist.	-4310 May 29 j 23:23	6°♉34'35	1.34859 AU
evening rise	-4310 Jun 03 j 16:05	15°♉51'48	
	-4310 Jun 11 j 09:42	0°♊	
desc. node	-4310 Jun 29 j 00:57	26°♊50'31	
	-4310 Jul 01 j 12:43	0°♋	
evening max el	-4310 Jul 08 j 17:32	7°♋58'52	26°55'42
retrograde	-4310 Jul 21 j 21:01	15°♋19'11	
evening set	-4310 Jul 28 j 16:19	12°♋32'14	
min. Earth dist.	-4310 Aug 01 j 13:58	8°♋35'48	0.65427 AU
inferior conj	-4310 Aug 03 j 10:50	6°♋24'47	-2°-58'-31
minimum elong	-4310 Aug 03 j 14:27	6°♋14'13	2°57'17
morning rise	-4310 Aug 09 j 13:44	0°♋43'43	
	-4310 Aug 11 j 21:34	30°℞♊	
direct	-4310 Aug 12 j 10:31	29°♊58'23	
	-4310 Aug 12 j 23:30	0°♋	
asc. node	-4310 Aug 13 j 08:05	0°♋02'49	
morning max el	-4310 Aug 19 j 01:01	3°♋35'43	18°24'42

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4310 Sep 05 j 19:53	0°♌	
morning set	-4310 Sep 07 j 09:35	2°♌34'23	
superior conj	-4310 Sep 22 j 09:06	26°♌41'17	0°16'40
minimum elong	-4310 Sep 22 j 11:14	26°♌49'45	0°16'31
	-4310 Sep 24 j 11:23	0°♍	
max. Earth dist.	-4310 Sep 24 j 12:50	0°♍05'45	1.44765 AU
desc. node	-4310 Sep 25 j 00:27	0°♍51'35	
evening rise	-4310 Oct 08 j 22:34	22°♍43'37	
	-4310 Oct 13 j 13:52	0°♎	
greatest brilliancy	-4310 Oct 22 j 16:43	14°♎04'43	-0.7m
evening max el	-4310 Nov 01 j 08:05	26°♎51'13	19°22'51
	-4310 Nov 05 j 04:12	0°♏	
retrograde	-4310 Nov 08 j 11:49	0°♏59'02	
asc. node	-4310 Nov 09 j 06:56	0°♏55'22	
evening set	-4310 Nov 11 j 18:31	29°♎56'20	
	-4310 Nov 11 j 16:11	30°℞♎	
inferior conj	-4310 Nov 17 j 10:58	24°♎00'15	2°32'55
minimum elong	-4310 Nov 17 j 07:59	24°♎09'49	2°31'53
min. Earth dist.	-4310 Nov 18 j 16:55	22°♎24'15	0.65977 AU
morning rise	-4310 Nov 22 j 20:40	17°♎47'13	
direct	-4310 Nov 29 j 01:52	15°♎05'29	
morning max el	-4310 Dec 11 j 13:58	22°♎26'10	26°05'18
	-4310 Dec 18 j 06:55	0°♏	
desc. node	-4310 Dec 22 j 00:25	4°♏47'56	
	-4309 Jan 07 j 18:02	0°♐	
morning set	-4309 Jan 16 j 17:37	15°♐48'56	
max. Earth dist.	-4309 Jan 20 j 18:40	23°♐29'15	1.35580 AU
	-4309 Jan 24 j 01:56	0°♑	
superior conj	-4309 Jan 25 j 20:01	3°♑32'12	-1°-30'-32
minimum elong	-4309 Jan 25 j 23:07	3°♑47'55	1°30'24
evening rise	-4309 Feb 02 j 16:12	19°♑40'14	
asc. node	-4309 Feb 05 j 06:00	24°♑52'16	
	-4309 Feb 07 j 21:26	0°♒	
evening max el	-4309 Feb 21 j 01:44	19°♒15'56	20°22'49
retrograde	-4309 Mar 03 j 17:20	24°♒19'25	
evening set	-4309 Mar 06 j 01:27	24°♒05'49	
inferior conj	-4309 Mar 14 j 23:18	20°♒07'16	1°21'29
minimum elong	-4309 Mar 15 j 02:45	20°♒02'10	1°20'12
min. Earth dist.	-4309 Mar 16 j 14:52	19°♒08'56	0.55496 AU
desc. node	-4309 Mar 19 j 23:28	17°♒19'20	
morning rise	-4309 Mar 24 j 01:50	15°♒45'46	
direct	-4309 Mar 27 j 16:34	15°♒17'18	
morning max el	-4309 Apr 10 j 05:03	21°♒55'50	23°22'44
	-4309 Apr 17 j 04:46	0°♓	
morning set	-4309 May 03 j 13:01	28°♓47'48	
asc. node	-4309 May 04 j 05:40	0°♈15'07	
	-4309 May 04 j 02:47	0°♈	
superior conj	-4309 May 10 j 16:57	14°♈05'17	1°02'32
minimum elong	-4309 May 10 j 14:33	13°♈52'26	1°02'09
max. Earth dist.	-4309 May 12 j 23:43	18°♈56'08	1.33762 AU
evening rise	-4309 May 18 j 08:23	29°♈56'37	
	-4309 May 18 j 09:04	0°♉	
	-4309 Jun 04 j 11:02	0°♊	
desc. node	-4309 Jun 15 j 22:02	15°♊31'58	
evening max el	-4309 Jun 21 j 04:23	21°♊10'38	27°22'50
retrograde	-4309 Jul 04 j 18:20	28°♊35'16	
evening set	-4309 Jul 11 j 20:59	25°♊52'10	
min. Earth dist.	-4309 Jul 15 j 12:41	22°♊31'35	0.64033 AU
inferior conj	-4309 Jul 17 j 23:41	19°♊55'00	-3°-37'-56
minimum elong	-4309 Jul 18 j 03:18	19°♊45'23	3°36'59
morning rise	-4309 Jul 24 j 11:23	14°♊31'05	
direct	-4309 Jul 27 j 03:17	13°♊55'07	
asc. node	-4309 Jul 31 j 05:11	15°♊18'52	
morning max el	-4309 Aug 02 j 15:35	17°♊21'24	18°01'52

	-4309 Aug 11 j 18:06	0°♋	
morning set	-4309 Aug 20 j 00:14	13°♋59'45	
	-4309 Aug 29 j 11:33	0°♌	
superior conj	-4309 Sep 01 j 23:28	5°♌44'50	1°00'13
minimum elong	-4309 Sep 02 j 05:12	6°♌08'12	0°59'44
max. Earth dist.	-4309 Sep 07 j 05:46	14°♌14'03	1.44118 AU
desc. node	-4309 Sep 11 j 21:23	21°♌35'47	
	-4309 Sep 17 j 06:42	0°♍	
evening rise	-4309 Sep 18 j 07:46	1°♍36'58	
	-4309 Oct 07 j 06:49	0°♎	
greatest brilliancy	-4309 Oct 08 j 22:13	2°♎15'49	-0.6m
evening max el	-4309 Oct 15 j 12:09	10°♎17'40	20°20'18
retrograde	-4309 Oct 23 j 09:08	14°♎55'37	
evening set	-4309 Oct 27 j 01:00	13°♎37'58	
asc. node	-4309 Oct 27 j 04:05	13°♎32'23	
inferior conj	-4309 Nov 01 j 13:07	7°♎30'29	1°46'01
minimum elong	-4309 Nov 01 j 10:51	7°♎38'08	1°45'09
min. Earth dist.	-4309 Nov 02 j 06:56	6°♎30'38	0.66771 AU
morning rise	-4309 Nov 06 j 20:10	1°♎13'37	
	-4309 Nov 08 j 11:21	30°℞♍	
direct	-4309 Nov 12 j 10:30	28°♍48'14	
	-4309 Nov 16 j 19:06	0°♎	
morning max el	-4309 Nov 23 j 22:53	5°♎39'32	24°47'33
desc. node	-4309 Dec 08 j 21:23	24°♎17'07	
	-4309 Dec 12 j 19:55	0°♏	
morning set	-4309 Dec 29 j 23:29	27°♏47'32	
	-4309 Dec 31 j 05:18	0°♐	
max. Earth dist.	-4308 Jan 02 j 18:18	4°♐36'10	1.37372 AU
superior conj	-4308 Jan 09 j 07:03	16°♐58'15	-1°-45'-51
minimum elong	-4308 Jan 09 j 09:33	17°♐10'26	1°45'55
	-4308 Jan 15 j 20:29	0°♑	
evening rise	-4308 Jan 17 j 18:07	3°♑48'23	
asc. node	-4308 Jan 23 j 03:04	14°♑13'40	
	-4308 Feb 02 j 13:35	0°♒	
evening max el	-4308 Feb 03 j 17:43	1°♒11'09	19°19'34
retrograde	-4308 Feb 12 j 18:35	5°♒29'12	
evening set	-4308 Feb 15 j 02:59	5°♒13'02	
inferior conj	-4308 Feb 23 j 08:57	1°♒03'52	2°51'55
minimum elong	-4308 Feb 23 j 13:59	0°♒55'26	2°50'31
	-4308 Feb 24 j 23:06	30°℞♑	
min. Earth dist.	-4308 Feb 26 j 05:48	29°♑09'37	0.56655 AU
morning rise	-4308 Mar 02 j 21:14	26°♑12'23	
desc. node	-4308 Mar 05 j 20:38	25°♑26'53	
direct	-4308 Mar 07 j 16:55	25°♑18'55	
	-4308 Mar 18 j 23:12	0°♒	
morning max el	-4308 Mar 21 j 20:11	2°♒31'30	25°00'29
	-4308 Apr 10 j 02:06	0°♓	
morning set	-4308 Apr 17 j 01:16	13°♓50'33	
asc. node	-4308 Apr 20 j 02:38	20°♓21'29	
superior conj	-4308 Apr 24 j 02:33	29°♓02'05	0°40'29
minimum elong	-4308 Apr 24 j 00:51	28°♓52'52	0°40'08
	-4308 Apr 24 j 13:14	0°♈	
max. Earth dist.	-4308 Apr 25 j 07:45	1°♈40'17	1.33032 AU
evening rise	-4308 May 01 j 09:15	14°♈27'57	
	-4308 May 09 j 10:57	0°♉	
	-4308 May 29 j 18:36	0°♊	
desc. node	-4308 Jun 01 j 19:12	3°♊12'05	
evening max el	-4308 Jun 02 j 12:32	3°♊54'21	27°19'30
retrograde	-4308 Jun 16 j 09:30	11°♊18'33	
evening set	-4308 Jun 23 j 11:25	8°♊53'29	
min. Earth dist.	-4308 Jun 27 j 01:41	5°♊59'39	0.62283 AU
inferior conj	-4308 Jun 30 j 01:45	3°♊09'18	-4°-6'-12
minimum elong	-4308 Jun 30 j 04:18	3°♊03'16	4°05'45
	-4308 Jul 03 j 16:10	30°℞♉	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4308 Jul 06 j 23:41	28°♉05'08	
direct	-4308 Jul 09 j 12:39	27°♉36'13	
	-4308 Jul 15 j 03:26	0°♊	
morning max el	-4308 Jul 16 j 06:09	1°♊00'38	17°57'11
asc. node	-4308 Jul 17 j 02:14	1°♊52'20	
morning set	-4308 Aug 01 j 12:32	26°♊26'50	
	-4308 Aug 03 j 12:01	0°♋	
superior conj	-4308 Aug 12 j 16:29	16°♋07'32	1°30'11
minimum elong	-4308 Aug 12 j 21:24	16°♋28'31	1°29'57
max. Earth dist.	-4308 Aug 19 j 18:04	27°♋55'44	1.42847 AU
	-4308 Aug 21 j 00:37	0°♌	
evening rise	-4308 Aug 27 j 12:22	10°♌20'00	
desc. node	-4308 Aug 28 j 18:20	12°♌16'58	
	-4308 Sep 09 j 11:16	0°♍	
greatest brilliancy	-4308 Sep 22 j 08:12	17°♍52'05	-0.4m
evening max el	-4308 Sep 27 j 10:03	23°♍43'03	21°30'15
retrograde	-4308 Oct 06 j 05:41	28°♍57'02	
evening set	-4308 Oct 10 j 08:59	27°♍21'50	
asc. node	-4308 Oct 13 j 01:13	24°♍40'58	
inferior conj	-4308 Oct 15 j 18:24	21°♍06'36	0°55'11
minimum elong	-4308 Oct 15 j 17:09	21°♍10'55	0°54'42
min. Earth dist.	-4308 Oct 16 j 01:21	20°♍42'41	0.67245 AU
morning rise	-4308 Oct 21 j 01:00	14°♍48'54	
direct	-4308 Oct 26 j 00:02	12°♍43'59	
morning max el	-4308 Nov 05 j 08:17	18°♍54'51	23°21'44
greatest brilliancy	-4308 Nov 10 j 22:28	25°♍14'51	-0.2m
	-4308 Nov 14 j 15:40	0°♎	
desc. node	-4308 Nov 24 j 18:20	14°♎13'08	
	-4308 Dec 05 j 00:02	0°♏	
morning set	-4308 Dec 10 j 04:14	8°♏29'12	
max. Earth dist.	-4308 Dec 14 j 13:45	15°♏59'31	1.39410 AU
superior conj	-4308 Dec 22 j 03:50	29°♏38'15	-1°-53'-43
minimum elong	-4308 Dec 22 j 04:30	29°♏41'17	1°53'54
	-4308 Dec 22 j 08:31	0°♐	
evening rise	-4308 Dec 31 j 12:09	17°♐27'46	
	-4307 Jan 07 j 04:46	0°♑	
asc. node	-4307 Jan 09 j 00:07	3°♑06'52	
evening max el	-4307 Jan 16 j 19:02	13°♑39'44	18°36'06
retrograde	-4307 Jan 24 j 13:33	17°♑26'32	
evening set	-4307 Jan 27 j 00:39	17°♑05'07	
inferior conj	-4307 Feb 03 j 14:17	12°♑36'53	3°44'51
minimum elong	-4307 Feb 03 j 17:27	12°♑30'44	3°44'14
min. Earth dist.	-4307 Feb 06 j 23:05	10°♑01'36	0.58403 AU
morning rise	-4307 Feb 11 j 06:39	7°♑19'00	
direct	-4307 Feb 17 j 06:41	5°♑48'27	
desc. node	-4307 Feb 20 j 17:45	6°♑18'04	
morning max el	-4307 Mar 03 j 12:48	13°♑18'47	26°24'18
	-4307 Mar 16 j 17:21	0°♒	
morning set	-4307 Apr 01 j 12:37	28°♒50'55	
	-4307 Apr 02 j 01:46	0°♓	
asc. node	-4307 Apr 06 j 23:36	10°♓34'11	
superior conj	-4307 Apr 08 j 14:02	14°♓04'19	0°16'38
minimum elong	-4307 Apr 08 j 13:18	14°♓00'20	0°16'24
max. Earth dist.	-4307 Apr 08 j 20:18	14°♓38'36	1.32650 AU
evening rise	-4307 Apr 15 j 15:51	29°♓16'37	
	-4307 Apr 16 j 00:13	0°♈	
	-4307 May 02 j 18:03	0°♉	
evening max el	-4307 May 15 j 15:52	16°♉00'33	26°43'16
desc. node	-4307 May 19 j 16:19	19°♉25'19	
retrograde	-4307 May 29 j 17:05	23°♉20'57	
evening set	-4307 Jun 05 j 07:29	21°♉27'28	
min. Earth dist.	-4307 Jun 09 j 05:20	18°♉45'40	0.60296 AU
inferior conj	-4307 Jun 12 j 13:35	15°♉59'48	-4°-17'-1
minimum elong	-4307 Jun 12 j 13:40	15°♉59'36	4°16'54
morning rise	-4307 Jun 19 j 23:11	11°♉17'08	
direct	-4307 Jun 22 j 10:51	10°♉53'31	
morning max el	-4307 Jun 29 j 17:54	14°♉26'25	18°11'35
asc. node	-4307 Jul 03 j 23:16	19°♉27'57	
	-4307 Jul 10 j 10:55	0°♊	
morning set	-4307 Jul 15 j 17:08	9°♊42'20	
superior conj	-4307 Jul 25 j 11:53	27°♊48'57	1°45'41
minimum elong	-4307 Jul 25 j 14:06	27°♊58'56	1°45'48
	-4307 Jul 26 j 17:09	0°♋	
max. Earth dist.	-4307 Aug 02 j 00:47	10°♋58'55	1.41129 AU
evening rise	-4307 Aug 07 j 08:16	19°♋47'27	
	-4307 Aug 13 j 18:43	0°♌	
desc. node	-4307 Aug 15 j 15:19	2°♌51'40	
	-4307 Sep 03 j 20:14	0°♍	
greatest brilliancy	-4307 Sep 05 j 04:15	1°♍38'37	-0.3m
evening max el	-4307 Sep 10 j 02:10	7°♍08'39	22°48'33
retrograde	-4307 Sep 19 j 23:54	13°♍01'02	
evening set	-4307 Sep 24 j 16:41	11°♍06'23	
asc. node	-4307 Sep 29 j 22:20	4°♍55'56	
inferior conj	-4307 Sep 30 j 00:57	4°♍46'55	0°02'14
minimum elong	-4307 Sep 30 j 00:54	4°♍47'06	0°02'19
transit middle	-4307 Sep 30 j 00:54	4°♍47'06	0°02'19
transit begin	-4307 Sep 29 j 22:14	4°♍56'19	
transit end	-4307 Sep 30 j 03:34	4°♍37'53	
min. Earth dist.	-4307 Sep 29 j 21:38	4°♍58'20	0.67417 AU
	-4307 Oct 03 j 19:18	30°℞♌	
morning rise	-4307 Oct 05 j 09:02	28°♌31'33	
direct	-4307 Oct 09 j 17:37	26°♌48'08	
	-4307 Oct 16 j 11:54	0°♍	
morning max el	-4307 Oct 18 j 21:21	2°♍14'25	21°56'54
greatest brilliancy	-4307 Oct 23 j 18:08	7°♍47'09	-0.4m
	-4307 Nov 08 j 16:06	0°♎	
desc. node	-4307 Nov 11 j 15:14	4°♎28'12	
morning set	-4307 Nov 20 j 04:16	17°♎47'20	
max. Earth dist.	-4307 Nov 26 j 13:17	28°♎11'30	1.41436 AU
	-4307 Nov 27 j 15:14	0°♏	
superior conj	-4307 Dec 04 j 05:05	11°♏18'19	-1°-50'-43
minimum elong	-4307 Dec 04 j 02:32	11°♏07'06	1°50'45
evening rise	-4307 Dec 14 j 19:03	0°♐30'46	
	-4307 Dec 14 j 12:23	0°♐	
asc. node	-4307 Dec 26 j 21:11	21°♐22'19	
evening max el	-4307 Dec 31 j 02:58	26°♐32'46	18°12'35
	-4306 Jan 06 j 03:52	0°♑	
retrograde	-4306 Jan 07 j 02:16	0°♑03'49	
	-4306 Jan 08 j 00:51	30°℞♐	
evening set	-4306 Jan 09 j 16:00	29°♐35'52	
inferior conj	-4306 Jan 16 j 15:28	24°♐45'24	4°03'38
minimum elong	-4306 Jan 16 j 15:46	24°♐44'43	4°03'25
min. Earth dist.	-4306 Jan 19 j 21:22	21°♐51'51	0.60399 AU
morning rise	-4306 Jan 23 j 12:46	19°♐08'08	
direct	-4306 Jan 30 j 07:29	16°♐59'54	
desc. node	-4306 Feb 07 j 14:49	19°♐51'13	
morning max el	-4306 Feb 13 j 10:58	24°♐38'31	27°20'49
	-4306 Feb 18 j 09:14	0°♑	
	-4306 Mar 09 j 22:09	0°♒	
morning set	-4306 Mar 16 j 21:10	13°♒41'02	
max. Earth dist.	-4306 Mar 23 j 09:39	27°♒37'06	1.32604 AU
superior conj	-4306 Mar 24 j 01:38	29°♒04'28	0°-8'-13
minimum elong	-4306 Mar 24 j 02:00	29°♒06'30	0°08'16
behind sun begin	-4306 Mar 23 j 21:42	28°♒42'56	
behind sun end	-4306 Mar 24 j 06:19	29°♒30'04	
	-4306 Mar 24 j 11:48	0°♓	
asc. node	-4306 Mar 24 j 20:35	0°♓48'02	
evening rise	-4306 Mar 31 j 01:51	14°♓13'09	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4306 Apr 08 j 02:07	0°♈		
evening max el	-4306 Apr 27 j 12:56	27°♈24'35	25°36'58	
	-4306 Apr 30 j 11:59	0°♉		
desc. node	-4306 May 06 j 13:28	3°♉37'09		
retrograde	-4306 May 11 j 14:55	4°♉37'27		
evening set	-4306 May 17 j 06:03	3°♉22'08		
min. Earth dist.	-4306 May 22 j 01:22	0°♉35'49	0.58282 AU	
	-4306 May 22 j 21:54	30°℞♈		
inferior conj	-4306 May 25 j 07:31	28°♈16'12	-4°-1'-26	
minimum elong	-4306 May 25 j 04:11	28°♈22'14	4°00'59	
morning rise	-4306 Jun 02 j 06:17	23°♈55'09		
direct	-4306 Jun 04 j 17:30	23°♈35'45		
morning max el	-4306 Jun 12 j 23:57	27°♈29'36	18°46'00	
	-4306 Jun 15 j 08:28	0°♉		
asc. node	-4306 Jun 20 j 20:16	7°♉51'20		
morning set	-4306 Jun 29 j 09:35	23°♉34'35		
	-4306 Jul 02 j 16:33	0°♊		
superior conj	-4306 Jul 08 j 04:22	10°♊34'45	1°49'10	
minimum elong	-4306 Jul 08 j 04:05	10°♊33'24	1°49'21	
max. Earth dist.	-4306 Jul 15 j 03:21	23°♊20'40	1.39193 AU	
	-4306 Jul 18 j 22:59	0°♋		
evening rise	-4306 Jul 19 j 05:40	0°♋28'33		
desc. node	-4306 Aug 02 j 12:19	23°♋15'29		
	-4306 Aug 07 j 03:20	0°♌		
evening max el	-4306 Aug 23 j 14:16	20°♌36'08	24°09'22	
retrograde	-4306 Sep 03 j 14:40	27°♌04'45		
evening set	-4306 Sep 08 j 22:21	24°♌50'13		
min. Earth dist.	-4306 Sep 13 j 17:22	19°♌16'16	0.67286 AU	
inferior conj	-4306 Sep 14 j 07:04	18°♌29'52	0°-51'-7	
minimum elong	-4306 Sep 14 j 08:16	18°♌25'51	0°50'31	
asc. node	-4306 Sep 16 j 19:26	15°♌14'08		
morning rise	-4306 Sep 19 j 18:23	12°♌20'05		
direct	-4306 Sep 23 j 14:04	10°♌56'50		
morning max el	-4306 Oct 01 j 16:58	15°♌42'19	20°39'59	
greatest brilliancy	-4306 Oct 07 j 20:39	23°♌02'56	-0.5m	
	-4306 Oct 12 j 21:19	0°♍		
desc. node	-4306 Oct 29 j 12:09	24°♍56'46		
morning set	-4306 Oct 30 j 06:29	26°♍07'56		
	-4306 Nov 01 j 17:57	0°♎		
max. Earth dist.	-4306 Nov 08 j 20:35	11°♎18'45	1.43149 AU	
superior conj	-4306 Nov 15 j 05:11	21°♎45'13	-1°-33'-7	
minimum elong	-4306 Nov 14 j 23:10	21°♎20'09	1°32'41	
	-4306 Nov 20 j 02:09	0°♏		
evening rise	-4306 Nov 27 j 10:53	12°♏49'43		
	-4306 Dec 07 j 10:13	0°♐		
asc. node	-4306 Dec 13 j 18:16	8°♐48'51		
evening max el	-4306 Dec 14 j 14:41	9°♐42'46	18°08'42	
retrograde	-4306 Dec 21 j 05:03	13°♐11'21		
evening set	-4306 Dec 23 j 21:35	12°♐35'59		
inferior conj	-4306 Dec 30 j 09:33	7°♐23'51	3°57'02	
minimum elong	-4306 Dec 30 j 07:40	7°♐28'39	3°56'40	
min. Earth dist.	-4305 Jan 02 j 04:01	4°♐34'44	0.62337 AU	
morning rise	-4305 Jan 05 j 15:45	1°♐32'18		
	-4305 Jan 08 j 04:42	30°℞♏		
direct	-4305 Jan 12 j 17:14	28°♏56'23		
	-4305 Jan 17 j 12:04	0°♐		
desc. node	-4305 Jan 25 j 11:53	5°♐33'38		
morning max el	-4305 Jan 26 j 15:25	6°♐39'21	27°42'14	
	-4305 Feb 13 j 10:40	0°♑		
morning set	-4305 Mar 01 j 00:51	28°♑13'37		
	-4305 Mar 01 j 21:43	0°♒		
max. Earth dist.	-4305 Mar 06 j 19:52	10°♒21'38	1.32907 AU	
superior conj	-4305 Mar 08 j 11:45	13°♒56'49	0°-33'-11	
minimum elong	-4305 Mar 08 j 13:14	14°♒04'49	0°33'03	

asc. node	-4305 Mar 11 j 17:34	20°♒59'01		
evening rise	-4305 Mar 15 j 13:23	29°♒10'37		
	-4305 Mar 15 j 22:47	0°♓		
	-4305 Apr 02 j 01:41	0°♈		
evening max el	-4305 Apr 09 j 05:17	8°♈16'02	24°09'53	
retrograde	-4305 Apr 23 j 01:07	15°♈12'24		
desc. node	-4305 Apr 23 j 10:37	15°♈12'02		
evening set	-4305 Apr 27 j 09:00	14°♈30'36		
min. Earth dist.	-4305 May 03 j 17:00	11°♈25'32	0.56548 AU	
inferior conj	-4305 May 06 j 05:22	9°♈51'17	-3°-9'-36	
minimum elong	-4305 May 05 j 23:36	10°♈00'20	3°08'14	
morning rise	-4305 May 14 j 18:11	5°♈47'56		
direct	-4305 May 17 j 05:20	5°♈31'48		
morning max el	-4305 May 26 j 21:38	10°♈01'23	19°40'52	
asc. node	-4305 Jun 07 j 17:16	26°♈51'20		
	-4305 Jun 09 j 09:40	0°♉		
morning set	-4305 Jun 13 j 10:28	7°♉54'47		
superior conj	-4305 Jun 21 j 12:26	24°♉09'26	1°43'31	
minimum elong	-4305 Jun 21 j 10:31	24°♉00'02	1°43'34	
	-4305 Jun 24 j 12:15	0°♊		
max. Earth dist.	-4305 Jun 27 j 05:54	5°♊11'52	1.37296 AU	
evening rise	-4305 Jul 01 j 04:13	12°♊24'14		
	-4305 Jul 11 j 13:39	0°♋		
desc. node	-4305 Jul 20 j 09:21	13°♋22'35		
	-4305 Aug 02 j 04:17	0°♌		
evening max el	-4305 Aug 06 j 00:46	4°♌05'45	25°25'21	
retrograde	-4305 Aug 18 j 01:18	11°♌03'22		
evening set	-4305 Aug 24 j 00:07	8°♌31'11		
min. Earth dist.	-4305 Aug 28 j 10:08	3°♌34'01	0.66837 AU	
inferior conj	-4305 Aug 29 j 11:00	2°♌13'11	-1°-43'-21	
minimum elong	-4305 Aug 29 j 13:22	2°♌05'31	1°42'16	
	-4305 Aug 31 j 04:59	30°℞♋		
asc. node	-4305 Sep 03 j 16:32	26°♋30'28		
morning rise	-4305 Sep 04 j 03:10	26°♋12'05		
direct	-4305 Sep 07 j 12:03	25°♋06'16		
morning max el	-4305 Sep 14 j 19:52	29°♋18'43	19°35'21	
	-4305 Sep 15 j 11:35	0°♌		
greatest brilliancy	-4305 Sep 23 j 14:09	10°♌33'11	-0.7m	
	-4305 Oct 06 j 09:27	0°♍		
morning set	-4305 Oct 09 j 07:16	4°♍31'09		
desc. node	-4305 Oct 16 j 09:03	15°♍33'53		
max. Earth dist.	-4305 Oct 22 j 10:06	25°♍05'31	1.44318 AU	
	-4305 Oct 25 j 12:03	0°♎		
superior conj	-4305 Oct 26 j 01:42	0°♎54'38	0°-58'-52	
minimum elong	-4305 Oct 25 j 19:15	0°♎28'51	0°58'08	
evening rise	-4305 Nov 09 j 06:56	24°♎14'13		
	-4305 Nov 12 j 17:21	0°♏		
evening max el	-4305 Nov 28 j 03:21	23°♏02'36	18°23'43	
asc. node	-4305 Nov 30 j 15:22	25°♏12'09		
retrograde	-4305 Dec 04 j 17:21	26°♏39'31		
evening set	-4305 Dec 07 j 13:51	25°♏55'22		
inferior conj	-4305 Dec 13 j 16:40	20°♏23'54	3°33'01	
minimum elong	-4305 Dec 13 j 13:41	20°♏32'24	3°32'17	
min. Earth dist.	-4305 Dec 15 j 20:45	17°♏56'05	0.64020 AU	
morning rise	-4305 Dec 19 j 12:05	14°♏21'44		
direct	-4305 Dec 26 j 10:35	11°♏32'36		
morning max el	-4304 Jan 08 j 23:57	19°♏15'11	27°27'51	
desc. node	-4304 Jan 12 j 08:54	22°♏49'44		
	-4304 Jan 18 j 05:15	0°♐		
	-4304 Feb 06 j 08:33	0°♑		
morning set	-4304 Feb 12 j 21:04	12°♑19'44		
max. Earth dist.	-4304 Feb 17 j 22:57	22°♑38'43	1.33596 AU	
superior conj	-4304 Feb 20 j 18:36	28°♑35'13	0°-57'-19	
minimum elong	-4304 Feb 20 j 21:02	28°♑48'08	0°57'04	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4304 Feb 21 j 10:32	0°♒	
asc. node	-4304 Feb 26 j 14:36	11°♒02'55	
evening rise	-4304 Feb 28 j 00:40	14°♒02'33	
	-4304 Mar 07 j 04:22	0°♓	
evening max el	-4304 Mar 20 j 22:20	18°♓59'41	22°35'45
retrograde	-4304 Apr 02 j 23:18	25°♓22'16	
evening set	-4304 Apr 06 j 02:13	25°♓00'53	
desc. node	-4304 Apr 09 j 07:46	23°♓57'47	
min. Earth dist.	-4304 Apr 14 j 07:22	21°♓24'53	0.55433 AU
inferior conj	-4304 Apr 15 j 09:23	20°♓47'39	-1°-38'-27
minimum elong	-4304 Apr 15 j 05:07	20°♓53'47	1°37'08
morning rise	-4304 Apr 24 j 10:18	16°♓50'35	
direct	-4304 Apr 27 j 00:10	16°♓35'11	
morning max el	-4304 May 08 j 08:58	21°♓54'27	20°55'23
	-4304 May 15 j 03:59	0°♈	
asc. node	-4304 May 24 j 14:17	16°♈19'04	
morning set	-4304 May 27 j 17:12	22°♈35'59	
	-4304 May 31 j 06:58	0°♉	
superior conj	-4304 Jun 04 j 07:36	8°♉20'19	1°31'11
minimum elong	-4304 Jun 04 j 04:59	8°♉06'51	1°31'01
max. Earth dist.	-4304 Jun 08 j 14:39	16°♉59'34	1.35646 AU
evening rise	-4304 Jun 12 j 23:05	25°♉22'46	
	-4304 Jun 15 j 11:02	0°♊	
	-4304 Jul 04 j 00:50	0°♋	
desc. node	-4304 Jul 06 j 06:26	3°♋05'46	
evening max el	-4304 Jul 18 j 11:42	17°♋35'57	26°28'25
retrograde	-4304 Jul 31 j 07:17	24°♋51'41	
evening set	-4304 Aug 06 j 19:52	22°♋07'34	
min. Earth dist.	-4304 Aug 10 j 21:41	17°♋48'56	0.66045 AU
inferior conj	-4304 Aug 12 j 10:55	15°♋55'08	-2°-32'-30
minimum elong	-4304 Aug 12 j 14:12	15°♋45'05	2°31'14
morning rise	-4304 Aug 18 j 09:28	10°♋05'47	
asc. node	-4304 Aug 20 j 13:38	9°♋18'04	
direct	-4304 Aug 21 j 09:53	9°♋14'01	
morning max el	-4304 Aug 28 j 04:59	13°♋02'03	18°45'42
	-4304 Sep 09 j 10:14	0°♌	
morning set	-4304 Sep 18 j 03:42	13°♌54'38	
	-4304 Sep 28 j 06:36	0°♍	
desc. node	-4304 Oct 02 j 05:59	6°♍16'18	
superior conj	-4304 Oct 04 j 03:12	9°♍14'29	0°-11'-54
minimum elong	-4304 Oct 04 j 01:39	9°♍08'20	0°11'37
behind sun begin	-4304 Oct 03 j 17:31	8°♍36'19	
behind sun end	-4304 Oct 04 j 09:46	9°♍40'20	
max. Earth dist.	-4304 Oct 04 j 03:06	9°♍14'05	1.44809 AU
	-4304 Oct 17 j 05:56	0°♎	
evening rise	-4304 Oct 20 j 02:56	4°♎35'42	
	-4304 Nov 05 j 09:37	0°♏	
evening max el	-4304 Nov 10 j 14:27	6°♏27'48	18°56'34
asc. node	-4304 Nov 16 j 12:30	10°♏16'52	
retrograde	-4304 Nov 17 j 11:19	10°♏21'57	
evening set	-4304 Nov 20 j 13:38	9°♏26'53	
inferior conj	-4304 Nov 26 j 09:22	3°♏39'06	2°57'15
minimum elong	-4304 Nov 26 j 06:11	3°♏48'56	2°56'16
min. Earth dist.	-4304 Nov 27 j 23:07	1°♏42'32	0.65366 AU
	-4304 Nov 29 j 09:53	30°℞♎	
morning rise	-4304 Dec 01 j 21:43	27°♎29'13	
direct	-4304 Dec 08 j 10:33	24°♎41'11	
	-4304 Dec 19 j 00:46	0°♏	
morning max el	-4304 Dec 21 j 09:39	2°♏13'52	26°42'22
desc. node	-4304 Dec 29 j 05:55	11°♏12'12	
	-4303 Jan 11 j 09:34	0°♐	
morning set	-4303 Jan 26 j 06:17	25°♐47'55	
	-4303 Jan 28 j 10:38	0°♑	
max. Earth dist.	-4303 Jan 30 j 15:20	4°♑20'03	1.34723 AU
superior conj	-4303 Feb 03 j 20:03	12°♑52'42	-1°-19'-23
minimum elong	-4303 Feb 03 j 23:05	13°♑08'21	1°19'10
evening rise	-4303 Feb 11 j 09:56	28°♑42'38	
asc. node	-4303 Feb 12 j 11:38	0°♒54'51	
	-4303 Feb 12 j 00:56	0°♒	
	-4303 Mar 02 j 21:31	0°♓	
evening max el	-4303 Mar 02 j 22:15	0°♓01'45	21°07'26
retrograde	-4303 Mar 14 j 13:12	5°♓34'39	
evening set	-4303 Mar 17 j 00:12	5°♓20'39	
inferior conj	-4303 Mar 26 j 04:51	1°♓22'17	0°16'39
minimum elong	-4303 Mar 26 j 05:37	1°♓21'12	0°16'16
min. Earth dist.	-4303 Mar 26 j 21:42	0°♓58'22	0.55202 AU
desc. node	-4303 Mar 27 j 04:56	0°♓48'07	
	-4303 Mar 28 j 15:34	30°℞♒	
morning rise	-4303 Apr 04 j 10:13	27°♒14'02	
direct	-4303 Apr 07 j 12:19	26°♒53'12	
	-4303 Apr 16 j 14:01	0°♓	
morning max el	-4303 Apr 20 j 09:34	3°♓05'53	22°26'06
	-4303 May 08 j 10:42	0°♈	
asc. node	-4303 May 11 j 11:18	6°♈06'25	
morning set	-4303 May 12 j 03:32	7°♈30'32	
superior conj	-4303 May 19 j 10:21	22°♈55'28	1°14'03
minimum elong	-4303 May 19 j 07:43	22°♈41'32	1°13'42
max. Earth dist.	-4303 May 22 j 09:19	29°♈06'23	1.34346 AU
	-4303 May 22 j 19:44	0°♉	
evening rise	-4303 May 27 j 08:53	9°♉07'44	
	-4303 Jun 07 j 22:32	0°♊	
desc. node	-4303 Jun 23 j 03:32	22°♊13'53	
	-4303 Jun 29 j 23:29	0°♋	
evening max el	-4303 Jun 30 j 23:07	0°♋58'17	27°10'43
retrograde	-4303 Jul 14 j 07:56	8°♋21'32	
evening set	-4303 Jul 21 j 06:56	5°♋34'52	
min. Earth dist.	-4303 Jul 25 j 01:47	1°♋54'03	0.64878 AU
	-4303 Jul 26 j 18:23	30°℞♊	
inferior conj	-4303 Jul 27 j 04:33	29°♊31'13	-3°-16'-21
minimum elong	-4303 Jul 27 j 08:16	29°♊20'44	3°15'11
morning rise	-4303 Aug 02 j 11:00	23°♊56'50	
direct	-4303 Aug 05 j 05:22	23°♊15'52	
asc. node	-4303 Aug 07 j 10:45	23°♊42'10	
morning max el	-4303 Aug 11 j 18:11	26°♊47'47	18°12'44
	-4303 Aug 14 j 12:52	0°♋	
morning set	-4303 Aug 30 j 03:29	24°♋37'24	
	-4303 Sep 02 j 09:05	0°♌	
superior conj	-4303 Sep 13 j 06:40	17°♌44'21	0°36'31
minimum elong	-4303 Sep 13 j 10:55	18°♌01'22	0°36'07
max. Earth dist.	-4303 Sep 16 j 20:49	23°♌27'04	1.44574 AU
desc. node	-4303 Sep 19 j 02:56	27°♌00'43	
	-4303 Sep 21 j 00:32	0°♍	
evening rise	-4303 Sep 29 j 22:31	13°♍54'58	
	-4303 Oct 10 j 08:42	0°♎	
greatest brilliancy	-4303 Oct 16 j 22:28	9°♎46'17	-0.6m
evening max el	-4303 Oct 24 j 21:40	19°♎54'52	19°45'42
retrograde	-4303 Nov 01 j 08:00	24°♎14'24	
asc. node	-4303 Nov 03 j 09:37	23°♎49'35	
evening set	-4303 Nov 04 j 18:19	23°♎05'45	
inferior conj	-4303 Nov 10 j 08:45	17°♎04'41	2°13'39
minimum elong	-4303 Nov 10 j 06:01	17°♎13'39	2°12'39
min. Earth dist.	-4303 Nov 11 j 09:26	15°♎43'47	0.66356 AU
morning rise	-4303 Nov 15 j 17:01	10°♎49'49	
direct	-4303 Nov 21 j 16:13	8°♎13'58	
morning max el	-4303 Dec 03 j 18:42	15°♎23'36	25°33'50
	-4303 Dec 15 j 20:39	0°♏	
desc. node	-4303 Dec 16 j 02:54	0°♏21'23	
	-4302 Jan 04 j 05:56	0°♐	
morning set	-4302 Jan 08 j 23:48	8°♐24'12	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4302 Jan 12 j 20:08	15°♐32'42	1.36295 AU	
	-4302 Jan 18 j 13:22	26°♐41'04	-1°-37'-46	
superior conj	-4302 Jan 18 j 16:21	26°♐55'54	1°37'42	
minimum elong	-4302 Jan 20 j 04:59	0°♑		
	-4302 Jan 26 j 15:12	13°♑04'53		
evening rise	-4302 Jan 30 j 08:41	20°♑29'36		
asc. node	-4302 Feb 04 j 14:21	0°♒		
	-4302 Feb 13 j 08:21	11°♒37'17	19°53'38	
evening max el	-4302 Feb 23 j 06:31	16°♒19'26		
retrograde	-4302 Feb 25 j 14:21	16°♒05'06		
evening set	-4302 Mar 06 j 05:51	12°♒03'46	2°04'00	
inferior conj	-4302 Mar 06 j 10:30	11°♒56'35	2°02'28	
minimum elong	-4302 Mar 08 j 12:00	10°♒40'31	0.55902 AU	
min. Earth dist.	-4302 Mar 14 j 02:04	7°♒51'11		
desc. node	-4302 Mar 15 j 03:33	7°♒30'01		
morning rise	-4302 Mar 19 j 06:14	6°♒52'33		
direct	-4302 Apr 02 j 02:21	13°♒47'26	24°04'53	
morning max el	-4302 Apr 14 j 15:23	0°♓		
	-4302 Apr 26 j 15:36	22°♓32'18		
morning set	-4302 Apr 28 j 08:18	26°♓07'33		
asc. node	-4302 Apr 30 j 03:40	0°♈		
	-4302 May 03 j 18:04	7°♈46'31	0°53'28	
superior conj	-4302 May 03 j 15:55	7°♈34'57	0°53'05	
minimum elong	-4302 May 05 j 13:26	11°♈39'11	1.33417 AU	
max. Earth dist.	-4302 May 11 j 05:16	23°♈25'35		
evening rise	-4302 May 14 j 13:25	0°♉		
	-4302 Jun 01 j 15:20	0°♊		
desc. node	-4302 Jun 10 j 00:39	10°♊31'55		
evening max el	-4302 Jun 13 j 09:22	14°♊00'27	27°25'22	
retrograde	-4302 Jun 27 j 02:32	21°♊24'26		
evening set	-4302 Jul 04 j 05:59	18°♊47'36		
min. Earth dist.	-4302 Jul 07 j 20:30	15°♊39'37	0.63333 AU	
inferior conj	-4302 Jul 10 j 13:12	12°♊55'44	-3°-51'-36	
minimum elong	-4302 Jul 10 j 16:31	12°♊47'18	3°50'52	
morning rise	-4302 Jul 17 j 05:03	7°♊39'35		
direct	-4302 Jul 19 j 19:33	7°♊06'45		
asc. node	-4302 Jul 25 j 07:50	9°♊32'51		
morning max el	-4302 Jul 26 j 09:00	10°♊31'00	17°57'31	
	-4302 Aug 08 j 10:30	0°♋		
morning set	-4302 Aug 12 j 04:02	6°♋31'00		
	-4302 Aug 24 j 07:39	27°♋19'10	1°14'48	
superior conj	-4302 Aug 24 j 13:27	27°♋43'17	1°14'22	
minimum elong	-4302 Aug 25 j 22:32	0°♌		
max. Earth dist.	-4302 Aug 30 j 12:25	7°♌27'16	1.43650 AU	
desc. node	-4302 Sep 05 j 23:52	17°♌44'01		
evening rise	-4302 Sep 09 j 03:15	22°♌37'23		
	-4302 Sep 13 j 22:31	0°♍		
greatest brilliancy	-4302 Oct 02 j 03:56	26°♍27'25	-0.5m	
	-4302 Oct 04 j 23:27	0°♎		
evening max el	-4302 Oct 07 j 23:14	3°♎21'02	20°48'50	
retrograde	-4302 Oct 16 j 05:03	8°♎13'14		
evening set	-4302 Oct 20 j 01:38	6°♎48'15		
asc. node	-4302 Oct 21 j 06:45	5°♎46'22		
inferior conj	-4302 Oct 25 j 12:25	0°♎37'11	1°24'49	
minimum elong	-4302 Oct 25 j 10:33	0°♎43'33	1°24'05	
	-4302 Oct 25 j 23:21	30°℞♍		
min. Earth dist.	-4302 Oct 26 j 01:27	29°♍52'50	0.67011 AU	
morning rise	-4302 Oct 30 j 19:02	24°♍19'53		
direct	-4302 Nov 05 j 02:54	22°♍02'57		
morning max el	-4302 Nov 16 j 03:23	28°♍37'16	24°11'33	
	-4302 Nov 17 j 11:12	0°♎		
desc. node	-4302 Dec 02 j 23:50	20°♎02'55		
	-4302 Dec 09 j 15:39	0°♏		
morning set	-4302 Dec 21 j 19:37	19°♏51'09		
max. Earth dist.	-4302 Dec 25 j 17:18	26°♏43'18	1.38224 AU	
	-4302 Dec 27 j 12:48	0°♐		
superior conj	-4301 Jan 01 j 18:53	9°♐48'55	-1°-50'-18	
minimum elong	-4301 Jan 01 j 20:46	9°♐57'57	1°50'25	
evening rise	-4301 Jan 10 j 14:04	27°♐01'33		
	-4301 Jan 12 j 02:28	0°♑		
asc. node	-4301 Jan 17 j 05:43	9°♑39'55		
evening max el	-4301 Jan 27 j 04:30	23°♑47'00	18°58'35	
retrograde	-4301 Feb 04 j 15:00	27°♑49'55		
evening set	-4301 Feb 07 j 00:37	27°♑31'37		
inferior conj	-4301 Feb 14 j 23:24	23°♑14'38	3°18'59	
minimum elong	-4301 Feb 15 j 03:56	23°♑06'34	3°17'54	
min. Earth dist.	-4301 Feb 18 j 03:16	21°♑00'53	0.57349 AU	
morning rise	-4301 Feb 23 j 03:32	18°♑11'23		
direct	-4301 Feb 28 j 11:59	17°♑03'21		
desc. node	-4301 Feb 28 j 23:11	17°♑03'53		
morning max el	-4301 Mar 14 j 17:21	24°♑24'11	25°38'45	
	-4301 Mar 19 j 20:13	0°♒		
	-4301 Apr 07 j 10:37	0°♓		
morning set	-4301 Apr 11 j 03:40	7°♓34'53		
asc. node	-4301 Apr 15 j 05:17	16°♓17'07		
superior conj	-4301 Apr 18 j 04:40	22°♓46'08	0°30'32	
minimum elong	-4301 Apr 18 j 03:21	22°♓38'59	0°30'14	
max. Earth dist.	-4301 Apr 19 j 00:03	24°♓31'45	1.32834 AU	
	-4301 Apr 21 j 12:44	0°♈		
evening rise	-4301 Apr 25 j 08:52	8°♈05'14		
	-4301 May 07 j 00:24	0°♉		
evening max el	-4301 May 26 j 15:45	26°♉29'18	27°07'59	
desc. node	-4301 May 27 j 21:47	27°♉38'48		
	-4301 May 30 j 18:59	0°♊		
retrograde	-4301 Jun 09 j 14:23	3°♊51'34		
evening set	-4301 Jun 16 j 13:05	1°♊38'24		
	-4301 Jun 18 j 20:14	30°℞♉		
min. Earth dist.	-4301 Jun 20 j 05:10	28°♉52'00	0.61463 AU	
inferior conj	-4301 Jun 23 j 09:40	26°♉01'08	-4°-13'-23	
minimum elong	-4301 Jun 23 j 11:20	25°♉57'22	4°13'08	
morning rise	-4301 Jun 30 j 12:23	21°♉06'03		
direct	-4301 Jul 03 j 00:47	20°♉39'25		
morning max el	-4301 Jul 09 j 22:43	24°♉05'40	18°00'57	
asc. node	-4301 Jul 12 j 04:52	26°♉34'46		
	-4301 Jul 14 j 17:48	0°♊		
morning set	-4301 Jul 25 j 23:54	19°♊20'41		
	-4301 Jul 31 j 20:18	0°♋		
superior conj	-4301 Aug 05 j 12:26	8°♋17'18	1°38'25	
minimum elong	-4301 Aug 05 j 16:17	8°♋34'04	1°38'22	
max. Earth dist.	-4301 Aug 12 j 22:58	20°♋56'21	1.42159 AU	
	-4301 Aug 18 j 12:43	0°♌		
evening rise	-4301 Aug 19 j 12:20	1°♌33'57		
desc. node	-4301 Aug 23 j 20:51	8°♌23'15		
	-4301 Sep 07 j 11:07	0°♍		
greatest brilliancy	-4301 Sep 15 j 23:47	11°♍21'17	-0.4m	
evening max el	-4301 Sep 20 j 18:29	16°♍46'18	22°02'47	
retrograde	-4301 Sep 30 j 00:49	22°♍16'34		
evening set	-4301 Oct 04 j 09:43	20°♍33'00		
asc. node	-4301 Oct 08 j 03:51	16°♍26'38		
inferior conj	-4301 Oct 09 j 18:26	14°♍15'22	0°32'53	
minimum elong	-4301 Oct 09 j 17:41	14°♍17'59	0°32'37	
min. Earth dist.	-4301 Oct 09 j 20:53	14°♍06'54	0.67355 AU	
morning rise	-4301 Oct 15 j 01:28	7°♍58'27		
direct	-4301 Oct 19 j 18:07	6°♍02'59		
morning max el	-4301 Oct 29 j 14:07	11°♍54'47	22°45'07	
greatest brilliancy	-4301 Nov 03 j 08:19	17°♍15'56	-0.3m	
	-4301 Nov 12 j 22:04	0°♎		
desc. node	-4301 Nov 19 j 20:46	10°♎07'55		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4301 Dec 02 j 12:09	29°♑56'34	
	-4301 Dec 02 j 13:00	0°♏	
max. Earth dist.	-4301 Dec 07 j 14:05	8°♏26'20	1.40294 AU
superior conj	-4301 Dec 15 j 07:58	22°♏04'31	-1°-54'00
minimum elong	-4301 Dec 15 j 07:25	22°♏01'58	1°54'09
	-4301 Dec 19 j 15:08	0°♐	
evening rise	-4301 Dec 25 j 03:46	10°♐26'17	
asc. node	-4300 Jan 04 j 02:45	28°♐18'01	
	-4300 Jan 05 j 05:18	0°♑	
evening max el	-4300 Jan 10 j 08:49	6°♑26'01	18°23'35
retrograde	-4300 Jan 17 j 18:01	10°♑04'46	
evening set	-4300 Jan 20 j 06:07	9°♑40'47	
inferior conj	-4300 Jan 27 j 13:23	5°♑03'01	3°56'31
minimum elong	-4300 Jan 27 j 15:19	4°♑58'59	3°56'09
min. Earth dist.	-4300 Jan 30 j 22:17	2°♑16'59	0.59239 AU
	-4300 Feb 03 j 04:20	30°℞♐	
morning rise	-4300 Feb 03 j 21:13	29°♐35'43	
direct	-4300 Feb 10 j 06:23	27°♐48'43	
desc. node	-4300 Feb 15 j 20:16	29°♐06'04	
	-4300 Feb 17 j 14:31	0°♑	
morning max el	-4300 Feb 24 j 12:14	5°♑23'38	26°52'25
	-4300 Mar 13 j 16:47	0°♒	
morning set	-4300 Mar 25 j 14:03	22°♒31'40	
	-4300 Mar 29 j 02:28	0°♓	
asc. node	-4300 Apr 01 j 02:14	6°♓30'36	
superior conj	-4300 Apr 01 j 16:22	7°♓47'56	0°06'09
minimum elong	-4300 Apr 01 j 16:06	7°♓46'27	0°06'01
behind sun begin	-4300 Apr 01 j 11:27	7°♓21'01	
behind sun end	-4300 Apr 01 j 20:45	8°♓11'53	
max. Earth dist.	-4300 Apr 01 j 13:22	7°♓31'30	1.32585 AU
evening rise	-4300 Apr 08 j 17:08	22°♓57'41	
	-4300 Apr 12 j 03:56	0°♈	
	-4300 Apr 30 j 08:37	0°♉	
evening max el	-4300 May 07 j 16:09	8°♉16'22	26°18'16
desc. node	-4300 May 13 j 18:55	13°♉04'56	
retrograde	-4300 May 21 j 18:15	15°♉35'00	
evening set	-4300 May 28 j 00:16	13°♉57'10	
min. Earth dist.	-4300 Jun 01 j 05:05	11°♉15'39	0.59423 AU
inferior conj	-4300 Jun 04 j 14:15	8°♉37'57	-4°-14'-16
minimum elong	-4300 Jun 04 j 12:56	8°♉40'31	4°14'07
morning rise	-4300 Jun 12 j 05:21	4°♉05'04	
direct	-4300 Jun 14 j 16:43	3°♉43'26	
morning max el	-4300 Jun 22 j 08:29	7°♉23'21	18°23'48
asc. node	-4300 Jun 28 j 01:53	14°♉32'16	
	-4300 Jul 06 j 21:40	0°♊	
morning set	-4300 Jul 08 j 10:00	2°♊52'48	
superior conj	-4300 Jul 17 j 17:34	20°♊28'27	1°48'27
minimum elong	-4300 Jul 17 j 18:38	20°♊33'21	1°48'38
	-4300 Jul 23 j 00:39	0°♋	
max. Earth dist.	-4300 Jul 25 j 03:14	3°♋40'16	1.40311 AU
evening rise	-4300 Jul 29 j 18:31	11°♋30'44	
desc. node	-4300 Aug 09 j 17:51	28°♋53'55	
	-4300 Aug 10 j 11:21	0°♌	
	-4300 Sep 02 j 03:46	0°♍	
evening max el	-4300 Sep 02 j 08:24	0°♍11'41	23°22'58
retrograde	-4300 Sep 12 j 17:50	6°♍20'51	
evening set	-4300 Sep 17 j 16:47	4°♍17'37	
	-4300 Sep 21 j 12:50	30°℞♌	
min. Earth dist.	-4300 Sep 22 j 17:18	28°♌23'35	0.67396 AU
inferior conj	-4300 Sep 23 j 01:01	27°♌57'04	0°-20'-26
minimum elong	-4300 Sep 23 j 01:30	27°♌55'26	0°20'08
asc. node	-4300 Sep 24 j 00:58	26°♌35'27	
morning rise	-4300 Sep 28 j 10:16	21°♌43'33	
direct	-4300 Oct 02 j 13:00	20°♌09'09	
morning max el	-4300 Oct 11 j 05:48	25°♌17'50	21°22'50
	-4300 Oct 15 j 09:22	0°♍	
greatest brilliancy	-4300 Oct 16 j 12:47	1°♍25'39	-0.4m
	-4300 Nov 05 j 10:04	0°♎	
desc. node	-4300 Nov 05 j 17:42	0°♎29'17	
morning set	-4300 Nov 11 j 01:11	8°♎44'44	
max. Earth dist.	-4300 Nov 18 j 16:17	21°♎00'20	1.42215 AU
	-4300 Nov 24 j 01:35	0°♏	
superior conj	-4300 Nov 25 j 23:05	3°♏14'26	-1°-45'-13
minimum elong	-4300 Nov 25 j 18:57	2°♏56'40	1°45'05
evening rise	-4300 Dec 07 j 04:47	23°♏11'27	
	-4300 Dec 10 j 23:09	0°♐	
asc. node	-4300 Dec 20 j 23:48	16°♐14'10	
evening max el	-4300 Dec 23 j 18:42	19°♐27'07	18°08'36
retrograde	-4300 Dec 30 j 13:12	22°♐55'46	
evening set	-4299 Jan 02 j 03:56	22°♐24'57	
inferior conj	-4299 Jan 08 j 22:13	17°♐25'22	4°03'25
minimum elong	-4299 Jan 08 j 21:28	17°♐27'09	4°03'11
min. Earth dist.	-4299 Jan 12 j 00:05	14°♐30'46	0.61240 AU
morning rise	-4299 Jan 15 j 12:31	11°♐41'18	
direct	-4299 Jan 22 j 11:30	9°♐19'18	
desc. node	-4299 Feb 01 j 17:20	13°♐38'36	
morning max el	-4299 Feb 05 j 13:15	17°♐01'12	27°34'26
	-4299 Feb 16 j 08:38	0°♑	
	-4299 Mar 06 j 05:51	0°♒	
morning set	-4299 Mar 09 j 20:51	7°♒15'46	
max. Earth dist.	-4299 Mar 16 j 01:43	20°♒25'22	1.32678 AU
superior conj	-4299 Mar 17 j 03:35	22°♒46'05	0°-18'-51
minimum elong	-4299 Mar 17 j 04:26	22°♒50'42	0°18'48
asc. node	-4299 Mar 18 j 23:13	26°♒44'02	
	-4299 Mar 20 j 11:13	0°♓	
evening rise	-4299 Mar 24 j 04:01	7°♓55'42	
	-4299 Apr 04 j 18:42	0°♈	
evening max el	-4299 Apr 19 j 10:49	19°♈25'04	25°01'50
desc. node	-4299 Apr 30 j 16:02	26°♈14'29	
retrograde	-4299 May 03 j 11:54	26°♈33'10	
evening set	-4299 May 08 j 13:57	25°♈33'32	
min. Earth dist.	-4299 May 13 j 23:10	22°♈40'28	0.57483 AU
inferior conj	-4299 May 16 j 23:50	20°♈38'02	-3°-44'-27
minimum elong	-4299 May 16 j 19:10	20°♈45'58	3°43'36
morning rise	-4299 May 25 j 04:33	16°♈25'18	
direct	-4299 May 27 j 15:26	16°♈07'35	
morning max el	-4299 Jun 05 j 11:24	20°♈15'14	19°06'48
	-4299 Jun 13 j 00:42	0°♉	
asc. node	-4299 Jun 14 j 22:56	3°♉12'58	
morning set	-4299 Jun 22 j 06:28	16°♉58'14	
	-4299 Jun 28 j 20:39	0°♊	
superior conj	-4299 Jun 30 j 17:22	3°♊37'11	1°47'43
minimum elong	-4299 Jun 30 j 16:17	3°♊31'56	1°47'52
max. Earth dist.	-4299 Jul 07 j 04:40	15°♊44'54	1.38370 AU
evening rise	-4299 Jul 11 j 03:11	22°♊45'20	
	-4299 Jul 15 j 09:09	0°♋	
desc. node	-4299 Jul 27 j 14:52	19°♋11'19	
	-4299 Aug 04 j 07:25	0°♌	
evening max el	-4299 Aug 15 j 19:36	13°♌40'18	24°42'45
retrograde	-4299 Aug 27 j 07:02	20°♌22'41	
evening set	-4299 Sep 01 j 21:02	18°♌00'28	
min. Earth dist.	-4299 Sep 06 j 12:12	12°♌41'32	0.67136 AU
inferior conj	-4299 Sep 07 j 06:28	11°♌40'35	-1°-13'-32
minimum elong	-4299 Sep 07 j 08:10	11°♌34'54	1°12'42
asc. node	-4299 Sep 10 j 22:06	7°♌12'31	
morning rise	-4299 Sep 12 j 19:37	5°♌33'48	
direct	-4299 Sep 16 j 10:26	4°♌18'16	
morning max el	-4299 Sep 24 j 04:28	8°♌48'56	20°10'37

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

greatest brilliancy	-4299 Oct 01 j 05:50	17°♌28'31	-0.6m	
	-4299 Oct 09 j 21:17	0°♍		
morning set	-4299 Oct 20 j 23:40	16°♍57'10		
desc. node	-4299 Oct 23 j 14:37	21°♍01'47		
	-4299 Oct 29 j 07:36	0°♎		
max. Earth dist.	-4299 Nov 01 j 02:03	4°♎24'42	1.43724 AU	
superior conj	-4299 Nov 06 j 11:20	13°♎07'41	-1°-20'-33	
minimum elong	-4299 Nov 06 j 04:31	12°♎39'51	1°19'56	
	-4299 Nov 16 j 13:06	0°♏		
evening rise	-4299 Nov 19 j 12:45	5°♏07'54		
	-4299 Dec 04 j 22:30	0°♐		
evening max el	-4299 Dec 07 j 07:14	2°♐42'20	18°12'55	
asc. node	-4299 Dec 07 j 20:54	3°♐15'44		
retrograde	-4299 Dec 13 j 20:23	6°♐12'56		
evening set	-4299 Dec 16 j 14:29	5°♐34'00		
inferior conj	-4299 Dec 22 j 22:18	0°♐13'35	3°48'33	
minimum elong	-4299 Dec 22 j 19:49	0°♐20'14	3°48'02	
	-4299 Dec 23 j 03:21	30°℞♏		
min. Earth dist.	-4299 Dec 25 j 10:54	27°♏31'45	0.63093 AU	
morning rise	-4299 Dec 28 j 23:25	24°♏17'23		
direct	-4298 Jan 05 j 00:53	21°♏33'41		
morning max el	-4298 Jan 18 j 19:32	29°♏17'13	27°40'17	
desc. node	-4298 Jan 19 j 14:23	0°♐04'31		
	-4298 Jan 19 j 12:37	0°♐		
	-4298 Feb 10 j 05:10	0°♑		
morning set	-4298 Feb 21 j 21:42	21°♑37'59		
	-4298 Feb 25 j 23:23	0°♒		
max. Earth dist.	-4298 Feb 27 j 09:13	2°♒58'44	1.33147 AU	
superior conj	-4298 Mar 01 j 12:33	7°♒33'19	0°-43'-35	
minimum elong	-4298 Mar 01 j 14:28	7°♒43'36	0°43'24	
asc. node	-4298 Mar 05 j 20:12	16°♒52'25		
evening rise	-4298 Mar 08 j 15:39	22°♒51'30		
	-4298 Mar 12 j 03:08	0°♓		
	-4298 Mar 31 j 22:37	0°♈		
evening max el	-4298 Apr 01 j 02:54	0°♈10'18	23°29'59	
retrograde	-4298 Apr 14 j 16:35	6°♈53'53		
desc. node	-4298 Apr 17 j 13:12	6°♈35'49		
evening set	-4298 Apr 18 j 10:59	6°♈22'47		
min. Earth dist.	-4298 Apr 25 j 14:09	3°♈06'10	0.55981 AU	
inferior conj	-4298 Apr 27 j 13:28	1°♈55'36	-2°-35'-25	
minimum elong	-4298 Apr 27 j 07:44	2°♈04'10	2°33'50	
	-4298 Apr 30 j 22:21	30°℞♓		
morning rise	-4298 May 06 j 07:51	27°♓56'20		
direct	-4298 May 08 j 19:36	27°♓40'51		
	-4298 May 16 j 00:33	0°♈		
morning max el	-4298 May 19 j 04:45	2°♈30'35	20°10'14	
asc. node	-4298 Jun 01 j 19:57	22°♈25'39		
	-4298 Jun 05 j 16:42	0°♉		
morning set	-4298 Jun 06 j 10:09	1°♉28'09		
superior conj	-4298 Jun 14 j 06:38	17°♉28'18	1°38'59	
minimum elong	-4298 Jun 14 j 04:19	17°♉16'42	1°38'56	
max. Earth dist.	-4298 Jun 19 j 09:26	27°♉32'02	1.36562 AU	
	-4298 Jun 20 j 16:31	0°♊		
evening rise	-4298 Jun 23 j 11:06	5°♊09'42		
	-4298 Jul 08 j 06:27	0°♋		
desc. node	-4298 Jul 14 j 11:55	9°♋09'11		
evening max el	-4298 Jul 29 j 06:25	27°♋11'45	25°54'17	
	-4298 Aug 01 j 08:56	0°♌		
retrograde	-4298 Aug 10 j 15:37	4°♌17'40		
evening set	-4298 Aug 16 j 20:33	1°♌39'48		
	-4298 Aug 18 j 13:42	30°℞♋		
min. Earth dist.	-4298 Aug 21 j 03:07	26°♋58'46	0.66548 AU	
inferior conj	-4298 Aug 22 j 08:59	25°♋23'59	-2°-4'-42	
minimum elong	-4298 Aug 22 j 11:46	25°♋15'06	2°03'30	
morning rise	-4298 Aug 28 j 03:39	19°♋27'19		
asc. node	-4298 Aug 28 j 19:15	19°♋05'38		
direct	-4298 Aug 31 j 08:45	18°♋27'43		
morning max el	-4298 Sep 07 j 10:10	22°♋28'26	19°12'13	
	-4298 Sep 13 j 11:51	0°♌		
morning set	-4298 Sep 30 j 07:03	25°♌41'41		
	-4298 Oct 03 j 00:53	0°♍		
desc. node	-4298 Oct 10 j 11:33	11°♍41'34		
max. Earth dist.	-4298 Oct 14 j 17:52	18°♍24'45	1.44620 AU	
superior conj	-4298 Oct 16 j 21:56	21°♍50'48	0°-39'-58	
minimum elong	-4298 Oct 16 j 17:00	21°♍31'16	0°39'19	
	-4298 Oct 22 j 00:44	0°♎		
evening rise	-4298 Oct 31 j 23:00	16°♎06'40		
	-4298 Nov 09 j 10:25	0°♏		
evening max el	-4298 Nov 20 j 19:37	16°♏05'31	18°35'38	
asc. node	-4298 Nov 24 j 18:02	19°♏08'00		
retrograde	-4298 Nov 27 j 11:31	19°♏48'24		
evening set	-4298 Nov 30 j 10:22	18°♏59'42		
inferior conj	-4298 Dec 06 j 09:55	13°♏20'49	3°19'00	
minimum elong	-4298 Dec 06 j 06:45	13°♏30'10	3°18'08	
min. Earth dist.	-4298 Dec 08 j 07:42	11°♏05'48	0.64640 AU	
morning rise	-4298 Dec 12 j 01:56	7°♏15'19		
direct	-4298 Dec 18 j 21:02	4°♏25'17		
morning max el	-4297 Jan 01 j 04:47	12°♏04'04	27°11'54	
desc. node	-4297 Jan 06 j 11:25	17°♏51'41		
	-4297 Jan 15 j 14:57	0°♐		
	-4297 Feb 02 j 16:46	0°♑		
morning set	-4297 Feb 05 j 13:41	5°♑29'02		
max. Earth dist.	-4297 Feb 10 j 08:13	15°♑01'28	1.34028 AU	
superior conj	-4297 Feb 13 j 17:23	22°♑03'32	-1°-7'00	
minimum elong	-4297 Feb 13 j 20:08	22°♑17'58	1°06'46	
	-4297 Feb 17 j 11:18	0°♒		
asc. node	-4297 Feb 20 j 17:13	6°♒51'37		
evening rise	-4297 Feb 21 j 02:19	7°♒39'11		
	-4297 Mar 05 j 03:47	0°♓		
evening max el	-4297 Mar 13 j 22:11	10°♓58'16	21°56'43	
retrograde	-4297 Mar 26 j 09:44	17°♓00'36		
evening set	-4297 Mar 29 j 04:23	16°♓43'26		
desc. node	-4297 Apr 04 j 10:22	14°♓19'57		
min. Earth dist.	-4297 Apr 07 j 04:03	12°♓50'03	0.55226 AU	
inferior conj	-4297 Apr 07 j 12:09	12°♓38'38	0°-50'-47	
minimum elong	-4297 Apr 07 j 09:49	12°♓41'57	0°50'05	
morning rise	-4297 Apr 16 j 16:19	8°♓39'21		
direct	-4297 Apr 19 j 10:07	8°♓22'34		
morning max el	-4297 May 01 j 11:13	14°♓04'16	21°32'25	
	-4297 May 13 j 07:26	0°♈		
asc. node	-4297 May 19 j 16:57	12°♈02'03		
morning set	-4297 May 21 j 18:38	16°♈15'26		
	-4297 May 28 j 08:14	0°♉		
superior conj	-4297 May 29 j 05:21	1°♉50'00	1°24'24	
minimum elong	-4297 May 29 j 02:39	1°♉35'56	1°24'09	
max. Earth dist.	-4297 Jun 01 j 22:28	9°♉26'37	1.35048 AU	
evening rise	-4297 Jun 06 j 12:51	18°♉28'56		
	-4297 Jun 12 j 19:24	0°♊		
desc. node	-4297 Jul 01 j 09:01	28°♊38'41		
	-4297 Jul 02 j 09:56	0°♋		
evening max el	-4297 Jul 11 j 17:40	10°♋39'39	26°49'24	
retrograde	-4297 Jul 24 j 19:12	17°♋59'04		
evening set	-4297 Jul 31 j 12:57	15°♋12'24		
min. Earth dist.	-4297 Aug 04 j 11:35	11°♋10'26	0.65598 AU	
inferior conj	-4297 Aug 06 j 06:30	9°♋03'38	-2°-51'-56	
minimum elong	-4297 Aug 06 j 10:02	8°♋53'08	2°50'39	
morning rise	-4297 Aug 12 j 08:14	3°♋20'27		
direct	-4297 Aug 15 j 05:53	2°♋33'34		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4297 Aug 15 j 16:22	2°♋34'38	
morning max el	-4297 Aug 21 j 21:21	6°♋13'19	18°29'38
	-4297 Sep 07 j 03:42	0°♌	
morning set	-4297 Sep 10 j 15:01	5°♌39'03	
superior conj	-4297 Sep 25 j 21:17	0°♍06'08	0°09'17
minimum elong	-4297 Sep 25 j 22:30	0°♍10'57	0°09'15
behind sun begin	-4297 Sep 25 j 13:05	29°♌33'46	
behind sun end	-4297 Sep 26 j 07:55	0°♍48'08	
	-4297 Sep 25 j 19:44	0°♍	
desc. node	-4297 Sep 27 j 08:29	2°♍25'01	
max. Earth dist.	-4297 Sep 27 j 12:08	2°♍39'27	1.44800 AU
evening rise	-4297 Oct 12 j 08:17	26°♍00'53	
	-4297 Oct 14 j 20:57	0°♎	
greatest brilliancy	-4297 Oct 24 j 11:28	15°♎00'20	-0.7m
evening max el	-4297 Nov 04 j 05:16	29°♎31'19	19°15'31
	-4297 Nov 04 j 16:38	0°♏	
retrograde	-4297 Nov 11 j 07:04	3°♏35'27	
asc. node	-4297 Nov 11 j 15:11	3°♏34'48	
evening set	-4297 Nov 14 j 12:32	2°♏34'49	
	-4297 Nov 17 j 11:33	30°℞♎	
inferior conj	-4297 Nov 20 j 05:46	26°♎40'40	2°39'32
minimum elong	-4297 Nov 20 j 02:43	26°♎50'23	2°38'30
min. Earth dist.	-4297 Nov 21 j 13:40	24°♎59'17	0.65830 AU
morning rise	-4297 Nov 25 j 16:03	20°♎28'17	
direct	-4297 Dec 01 j 23:16	17°♎44'42	
morning max el	-4297 Dec 14 j 14:32	25°♎09'03	26°15'31
	-4297 Dec 19 j 01:28	0°♏	
desc. node	-4297 Dec 24 j 08:24	6°♏35'32	
	-4296 Jan 09 j 02:14	0°♐	
morning set	-4296 Jan 19 j 16:50	18°♐36'32	
max. Earth dist.	-4296 Jan 23 j 19:51	26°♐29'40	1.35345 AU
	-4296 Jan 25 j 14:31	0°♑	
superior conj	-4296 Jan 28 j 15:42	6°♑09'01	-1°-27'-45
minimum elong	-4296 Jan 28 j 18:48	6°♑24'51	1°27'35
evening rise	-4296 Feb 05 j 10:07	22°♑12'08	
asc. node	-4296 Feb 07 j 14:15	26°♑36'43	
	-4296 Feb 09 j 07:23	0°♒	
evening max el	-4296 Feb 24 j 02:03	22°♒12'34	20°33'49
retrograde	-4296 Mar 05 j 23:53	27°♒23'45	
evening set	-4296 Mar 08 j 08:20	27°♒10'17	
inferior conj	-4296 Mar 17 j 08:12	23°♒12'14	1°05'04
minimum elong	-4296 Mar 17 j 11:02	23°♒08'06	1°03'59
min. Earth dist.	-4296 Mar 18 j 18:09	22°♒22'46	0.55388 AU
desc. node	-4296 Mar 21 j 07:30	20°♒57'50	
morning rise	-4296 Mar 26 j 11:53	18°♒54'32	
direct	-4296 Mar 29 j 22:51	18°♒28'31	
morning max el	-4296 Apr 12 j 08:02	25°♒00'56	23°07'58
	-4296 Apr 16 j 22:06	0°♓	
	-4296 May 04 j 15:42	0°♈	
morning set	-4296 May 05 j 05:54	1°♈13'53	
asc. node	-4296 May 05 j 13:55	1°♈55'49	
superior conj	-4296 May 12 j 10:30	16°♈33'02	1°05'40
minimum elong	-4296 May 12 j 08:01	16°♈19'48	1°05'18
max. Earth dist.	-4296 May 14 j 21:19	21°♈44'16	1.33899 AU
	-4296 May 18 j 21:42	0°♉	
evening rise	-4296 May 20 j 03:35	2°♉29'10	
	-4296 Jun 04 j 16:07	0°♊	
desc. node	-4296 Jun 17 j 06:08	17°♊27'48	
evening max el	-4296 Jun 23 j 04:37	23°♊54'17	27°20'38
	-4296 Jul 01 j 10:29	0°♋	
retrograde	-4296 Jul 06 j 17:27	1°♋19'03	
	-4296 Jul 11 j 15:37	30°℞♊	
evening set	-4296 Jul 13 j 19:22	28°♊34'29	
min. Earth dist.	-4296 Jul 17 j 11:44	25°♊08'55	0.64263 AU

inferior conj	-4296 Jul 19 j 20:38	22°♊35'29	-3°-32'-36
minimum elong	-4296 Jul 20 j 00:19	22°♊25'33	3°31'36
morning rise	-4296 Jul 26 j 06:56	17°♊08'49	
direct	-4296 Jul 28 j 23:21	16°♊31'42	
asc. node	-4296 Aug 01 j 13:26	17°♊37'25	
morning max el	-4296 Aug 04 j 11:39	19°♊59'15	18°04'07
	-4296 Aug 11 j 23:15	0°♋	
morning set	-4296 Aug 22 j 01:57	16°♋53'38	
	-4296 Aug 29 j 20:44	0°♌	
superior conj	-4296 Sep 04 j 08:21	8°♌59'40	0°54'25
minimum elong	-4296 Sep 04 j 13:51	9°♌21'59	0°53'55
max. Earth dist.	-4296 Sep 09 j 05:10	16°♌48'42	1.44257 AU
desc. node	-4296 Sep 13 j 05:26	23°♌09'26	
	-4296 Sep 17 j 14:27	0°♍	
evening rise	-4296 Sep 20 j 19:44	4°♍59'38	
	-4296 Oct 07 j 08:51	0°♎	
greatest brilliancy	-4296 Oct 10 j 12:44	4°♎27'52	-0.6m
evening max el	-4296 Oct 17 j 10:08	12°♎57'38	20°10'54
retrograde	-4296 Oct 25 j 04:16	17°♎30'43	
evening set	-4296 Oct 28 j 18:34	16°♎15'33	
asc. node	-4296 Oct 28 j 12:19	16°♎26'06	
inferior conj	-4296 Nov 03 j 07:15	10°♎09'37	1°53'26
minimum elong	-4296 Nov 03 j 04:51	10°♎17'40	1°52'31
min. Earth dist.	-4296 Nov 04 j 02:49	9°♎04'13	0.66674 AU
morning rise	-4296 Nov 08 j 14:31	3°♎53'05	
direct	-4296 Nov 14 j 07:11	1°♎24'44	
morning max el	-4296 Nov 25 j 23:26	8°♎21'26	24°59'49
desc. node	-4296 Dec 10 j 05:22	25°♎59'35	
	-4296 Dec 13 j 00:33	0°♏	
	-4296 Dec 31 j 15:41	0°♐	
morning set	-4295 Jan 01 j 01:54	0°♐45'23	
max. Earth dist.	-4295 Jan 04 j 20:27	7°♐36'05	1.37079 AU
superior conj	-4295 Jan 11 j 04:27	19°♐41'01	-1°-43'-59
minimum elong	-4295 Jan 11 j 07:07	19°♐54'05	1°43'59
	-4295 Jan 16 j 08:40	0°♑	
evening rise	-4295 Jan 19 j 12:57	6°♑23'54	
asc. node	-4295 Jan 24 j 11:17	16°♑01'45	
	-4295 Feb 02 j 02:13	0°♒	
evening max el	-4295 Feb 05 j 16:33	4°♒02'53	19°27'49
retrograde	-4295 Feb 14 j 22:45	8°♒26'41	
evening set	-4295 Feb 17 j 06:51	8°♒11'08	
inferior conj	-4295 Feb 25 j 15:20	4°♒04'27	2°40'32
minimum elong	-4295 Feb 25 j 20:24	3°♒56'10	2°39'03
min. Earth dist.	-4295 Feb 28 j 09:01	2°♒17'46	0.56434 AU
	-4295 Mar 04 j 12:01	30°℞♑	
morning rise	-4295 Mar 06 j 06:18	29°♑17'28	
desc. node	-4295 Mar 08 j 04:36	28°♑45'25	
direct	-4295 Mar 10 j 21:31	28°♑28'31	
	-4295 Mar 17 j 05:22	0°♒	
morning max el	-4295 Mar 24 j 23:23	5°♒37'21	24°46'23
	-4295 Apr 11 j 10:57	0°♓	
morning set	-4295 Apr 19 j 18:09	16°♓16'32	
asc. node	-4295 Apr 22 j 10:52	22°♓00'54	
	-4295 Apr 26 j 03:19	0°♈	
superior conj	-4295 Apr 26 j 19:39	1°♈28'37	0°43'58
minimum elong	-4295 Apr 26 j 17:50	1°♈18'44	0°43'37
max. Earth dist.	-4295 Apr 28 j 04:21	4°♈25'26	1.33120 AU
evening rise	-4295 May 04 j 03:22	16°♈57'24	
	-4295 May 10 j 20:49	0°♉	
	-4295 May 30 j 09:39	0°♊	
desc. node	-4295 Jun 04 j 03:15	5°♊18'33	
evening max el	-4295 Jun 05 j 13:23	6°♊43'08	27°22'04
retrograde	-4295 Jun 19 j 09:35	14°♊07'26	
evening set	-4295 Jun 26 j 12:09	11°♊38'57	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4295 Jun 30 j 02:16	8°♊41'45	0.62564 AU
inferior conj	-4295 Jul 03 j 00:29	5°♊52'35	-4°-2'-54
minimum elong	-4295 Jul 03 j 03:17	5°♊45'49	4°02'23
morning rise	-4295 Jul 09 j 20:48	0°♊45'09	
direct	-4295 Jul 12 j 10:05	0°♊15'18	
morning max el	-4295 Jul 19 j 02:19	3°♊39'30	17°56'39
asc. node	-4295 Jul 19 j 10:28	3°♊59'56	
morning set	-4295 Aug 04 j 11:21	29°♊12'21	
	-4295 Aug 04 j 22:02	0°♋	
superior conj	-4295 Aug 15 j 21:08	19°♋09'37	1°26'37
minimum elong	-4295 Aug 16 j 02:22	19°♋31'47	1°26'20
	-4295 Aug 22 j 09:37	0°♌	
max. Earth dist.	-4295 Aug 22 j 18:10	0°♌34'51	1.43071 AU
evening rise	-4295 Aug 30 j 23:39	13°♌40'40	
desc. node	-4295 Aug 31 j 02:25	13°♌51'24	
	-4295 Sep 10 j 16:47	0°♍	
greatest brilliancy	-4295 Sep 25 j 03:33	20°♍19'36	-0.4m
evening max el	-4295 Sep 30 j 09:02	26°♍23'35	21°19'15
	-4295 Oct 04 j 14:49	0°♎	
retrograde	-4295 Oct 09 j 00:58	1°♎31'43	
evening set	-4295 Oct 13 j 02:26	29°♍59'18	
	-4295 Oct 13 j 02:05	30°℞♍	
asc. node	-4295 Oct 15 j 09:25	27°♍46'46	
inferior conj	-4295 Oct 18 j 12:10	23°♍45'09	1°03'06
minimum elong	-4295 Oct 18 j 10:45	23°♍50'02	1°02'32
min. Earth dist.	-4295 Oct 18 j 20:42	23°♍15'51	0.67193 AU
morning rise	-4295 Oct 23 j 18:42	17°♍27'27	
direct	-4295 Oct 28 j 20:04	15°♍19'15	
morning max el	-4295 Nov 08 j 08:30	21°♍36'20	23°34'42
	-4295 Nov 15 j 14:30	0°♎	
desc. node	-4295 Nov 27 j 02:19	15°♎52'25	
	-4295 Dec 06 j 07:57	0°♏	
morning set	-4295 Dec 13 j 10:47	11°♏39'32	
max. Earth dist.	-4295 Dec 17 j 16:05	18°♏55'17	1.39100 AU
	-4295 Dec 23 j 19:39	0°♐	
superior conj	-4295 Dec 25 j 03:42	2°♐29'07	-1°-53'-11
minimum elong	-4295 Dec 25 j 04:44	2°♐33'55	1°53'20
evening rise	-4294 Jan 03 j 08:21	20°♐08'14	
	-4294 Jan 08 j 12:48	0°♑	
asc. node	-4294 Jan 11 j 08:20	4°♑59'49	
evening max el	-4294 Jan 19 j 16:39	16°♑27'05	18°41'18
retrograde	-4294 Jan 27 j 14:51	20°♑17'25	
evening set	-4294 Jan 30 j 01:39	19°♑56'48	
inferior conj	-4294 Feb 06 j 17:36	15°♑31'38	3°39'12
minimum elong	-4294 Feb 06 j 21:10	15°♑24'51	3°38'28
min. Earth dist.	-4294 Feb 10 j 01:40	13°♑01'17	0.58121 AU
morning rise	-4294 Feb 14 j 13:02	10°♑17'25	
direct	-4294 Feb 20 j 09:22	8°♑52'49	
desc. node	-4294 Feb 23 j 01:41	9°♑10'28	
morning max el	-4294 Mar 06 j 15:21	16°♑20'49	26°13'14
	-4294 Mar 17 j 18:47	0°♒	
	-4294 Apr 03 j 14:52	0°♓	
morning set	-4294 Apr 04 j 05:43	1°♓17'24	
asc. node	-4294 Apr 09 j 07:51	12°♓12'43	
superior conj	-4294 Apr 11 j 06:56	16°♓30'05	0°20'20
minimum elong	-4294 Apr 11 j 06:03	16°♓25'13	0°20'05
max. Earth dist.	-4294 Apr 11 j 16:32	17°♓22'33	1.32691 AU
	-4294 Apr 17 j 13:22	0°♈	
evening rise	-4294 Apr 18 j 09:16	1°♈43'49	
	-4294 May 03 j 21:12	0°♉	
evening max el	-4294 May 18 j 17:39	18°♉55'21	26°50'39
desc. node	-4294 May 22 j 00:21	21°♉46'32	
retrograde	-4294 Jun 01 j 18:13	26°♉15'56	
evening set	-4294 Jun 08 j 11:09	24°♉17'08	

min. Earth dist.	-4294 Jun 12 j 07:10	21°♉34'38	0.60604 AU
inferior conj	-4294 Jun 15 j 14:40	18°♉46'56	-4°-16'-54
minimum elong	-4294 Jun 15 j 15:13	18°♉45'46	4°16'46
morning rise	-4294 Jun 22 j 22:26	14°♉00'53	
direct	-4294 Jun 25 j 10:17	13°♉36'29	
morning max el	-4294 Jul 02 j 14:37	17°♉07'16	18°08'10
asc. node	-4294 Jul 06 j 07:29	21°♉26'45	
	-4294 Jul 11 j 18:46	0°♊	
morning set	-4294 Jul 18 j 13:48	12°♊21'08	
	-4294 Jul 28 j 03:58	0°♋	
superior conj	-4294 Jul 28 j 12:49	0°♋39'38	1°44'12
minimum elong	-4294 Jul 28 j 15:28	0°♋51'26	1°44'16
max. Earth dist.	-4294 Aug 05 j 02:01	13°♋45'20	1.41405 AU
evening rise	-4294 Aug 10 j 16:16	22°♋58'27	
	-4294 Aug 15 j 02:24	0°♌	
desc. node	-4294 Aug 17 j 23:24	4°♌27'16	
	-4294 Sep 04 j 18:32	0°♍	
greatest brilliancy	-4294 Sep 08 j 07:17	4°♍27'31	-0.3m
evening max el	-4294 Sep 13 j 01:56	9°♍48'55	22°36'37
retrograde	-4294 Sep 22 j 19:34	15°♍35'24	
evening set	-4294 Sep 27 j 10:17	13°♍43'37	
asc. node	-4294 Oct 02 j 06:32	8°♍06'17	
inferior conj	-4294 Oct 02 j 18:38	7°♍24'36	0°10'21
minimum elong	-4294 Oct 02 j 18:23	7°♍25'27	0°10'19
transit middle	-4294 Oct 02 j 18:23	7°♍25'27	0°10'19
transit begin	-4294 Oct 02 j 16:17	7°♍32'40	
transit end	-4294 Oct 02 j 20:29	7°♍18'13	
min. Earth dist.	-4294 Oct 02 j 16:48	7°♍30'56	0.67409 AU
morning rise	-4294 Oct 08 j 02:23	1°♍08'51	
	-4294 Oct 09 j 21:01	30°℞♌	
direct	-4294 Oct 12 j 13:02	29°♌22'19	
	-4294 Oct 15 j 09:15	0°♍	
morning max el	-4294 Oct 21 j 20:49	4°♍54'57	22°09'15
greatest brilliancy	-4294 Oct 26 j 15:17	10°♍19'29	-0.4m
	-4294 Nov 09 j 21:39	0°♎	
desc. node	-4294 Nov 13 j 23:15	6°♎05'03	
morning set	-4294 Nov 23 j 15:00	21°♎09'17	
	-4294 Nov 29 j 00:35	0°♏	
max. Earth dist.	-4294 Nov 29 j 14:57	1°♏00'04	1.41149 AU
superior conj	-4294 Dec 07 j 08:13	14°♏18'51	-1°-52'-2
minimum elong	-4294 Dec 07 j 06:13	14°♏09'58	1°52'07
	-4294 Dec 15 j 22:47	0°♐	
evening rise	-4294 Dec 17 j 17:08	3°♐17'06	
asc. node	-4294 Dec 29 j 05:24	23°♐21'26	
evening max el	-4293 Jan 02 j 23:45	29°♐16'37	18°14'47
	-4293 Jan 03 j 18:22	0°♑	
retrograde	-4293 Jan 10 j 01:14	2°♑49'13	
evening set	-4293 Jan 12 j 14:34	2°♑22'17	
	-4293 Jan 16 j 18:15	30°℞♐	
inferior conj	-4293 Jan 19 j 15:58	27°♐34'59	4°02'35
minimum elong	-4293 Jan 19 j 16:41	27°♐33'24	4°02'22
min. Earth dist.	-4293 Jan 22 j 22:53	24°♐42'44	0.60101 AU
morning rise	-4293 Jan 26 j 15:54	22°♐00'06	
direct	-4293 Feb 02 j 08:31	19°♐57'16	
desc. node	-4293 Feb 09 j 22:46	22°♐20'34	
morning max el	-4293 Feb 16 j 12:40	27°♐34'46	27°14'33
	-4293 Feb 18 j 21:04	0°♑	
	-4293 Mar 11 j 07:50	0°♒	
morning set	-4293 Mar 19 j 14:49	16°♒09'20	
	-4293 Mar 26 j 02:04	0°♓	
superior conj	-4293 Mar 26 j 18:39	1°♓30'39	0°-4'-26
minimum elong	-4293 Mar 26 j 18:51	1°♓31'45	0°04'30
behind sun begin	-4293 Mar 26 j 14:01	1°♓05'20	
behind sun end	-4293 Mar 26 j 23:40	1°♓58'11	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4293 Mar 26 j 06:05	0°♓21'59	1.32591 AU
asc. node	-4293 Mar 27 j 04:50	2°♓26'27	
evening rise	-4293 Apr 02 j 18:55	16°♓39'26	
	-4293 Apr 09 j 11:38	0°♈	
	-4293 Apr 30 j 05:11	0°♉	
evening max el	-4293 Apr 30 j 15:35	0°♉25'10	25°48'25
desc. node	-4293 May 08 j 21:27	6°♉19'10	
retrograde	-4293 May 14 j 17:37	7°♉39'39	
evening set	-4293 May 20 j 13:03	6°♉18'28	
min. Earth dist.	-4293 May 25 j 04:03	3°♉33'59	0.58573 AU
inferior conj	-4293 May 28 j 11:30	1°♉09'02	-4°-6'-1
minimum elong	-4293 May 28 j 08:41	1°♉14'13	4°05'39
	-4293 May 30 j 01:46	30°℞♈	
morning rise	-4293 Jun 05 j 08:14	26°♈45'03	
direct	-4293 Jun 07 j 19:34	26°♈25'04	
	-4293 Jun 15 j 15:26	0°♉	
morning max el	-4293 Jun 15 j 21:46	0°♉14'40	18°39'37
asc. node	-4293 Jun 23 j 04:32	9°♉43'53	
morning set	-4293 Jul 02 j 04:47	26°♉08'46	
	-4293 Jul 04 j 04:25	0°♊	
superior conj	-4293 Jul 11 j 02:37	13°♊17'17	1°49'18
minimum elong	-4293 Jul 11 j 02:40	13°♊17'29	1°49'29
max. Earth dist.	-4293 Jul 18 j 05:06	26°♊13'20	1.39483 AU
	-4293 Jul 20 j 09:05	0°♋	
evening rise	-4293 Jul 22 j 09:45	3°♋28'02	
desc. node	-4293 Aug 04 j 20:24	24°♋53'02	
	-4293 Aug 08 j 07:42	0°♌	
evening max el	-4293 Aug 26 j 14:25	23°♌15'37	23°57'24
retrograde	-4293 Sep 06 j 10:57	29°♌39'26	
evening set	-4293 Sep 11 j 16:23	27°♌27'40	
min. Earth dist.	-4293 Sep 16 j 12:46	21°♌48'30	0.67325 AU
inferior conj	-4293 Sep 17 j 00:56	21°♌07'08	0°-43'-5
minimum elong	-4293 Sep 17 j 01:56	21°♌03'43	0°42'33
asc. node	-4293 Sep 19 j 03:40	18°♌19'55	
morning rise	-4293 Sep 22 j 11:40	14°♌56'22	
direct	-4293 Sep 26 j 09:05	13°♌30'23	
morning max el	-4293 Oct 04 j 15:26	18°♌21'36	20°50'45
greatest brilliancy	-4293 Oct 10 j 12:50	25°♌19'51	-0.5m
	-4293 Oct 13 j 23:42	0°♍	
desc. node	-4293 Oct 31 j 20:13	26°♍31'53	
morning set	-4293 Nov 02 j 19:25	29°♍35'02	
	-4293 Nov 03 j 01:49	0°♎	
max. Earth dist.	-4293 Nov 11 j 21:00	13°♎59'02	1.42923 AU
superior conj	-4293 Nov 18 j 12:19	24°♎56'46	-1°-36'-50
minimum elong	-4293 Nov 18 j 06:44	24°♎33'16	1°36'30
	-4293 Nov 21 j 11:49	0°♏	
evening rise	-4293 Nov 30 j 11:31	15°♏43'01	
	-4293 Dec 08 j 15:26	0°♐	
asc. node	-4293 Dec 16 j 02:30	10°♐55'59	
evening max el	-4293 Dec 17 j 11:04	12°♐24'09	18°08'02
retrograde	-4293 Dec 24 j 02:17	15°♐52'32	
evening set	-4293 Dec 26 j 18:17	15°♐18'26	
inferior conj	-4292 Jan 02 j 07:47	10°♐09'24	3°59'16
minimum elong	-4292 Jan 02 j 06:10	10°♐13'28	3°58'58
min. Earth dist.	-4292 Jan 05 j 04:17	7°♐18'14	0.62059 AU
morning rise	-4292 Jan 08 j 15:56	4°♐19'33	
direct	-4292 Jan 15 j 17:02	1°♐46'48	
desc. node	-4292 Jan 27 j 19:51	7°♐45'36	
morning max el	-4292 Jan 29 j 16:22	9°♐29'47	27°41'23
	-4292 Feb 14 j 15:28	0°♑	
	-4292 Mar 02 j 10:32	0°♒	
morning set	-4292 Mar 02 j 19:26	0°♒45'12	
max. Earth dist.	-4292 Mar 08 j 17:02	13°♒09'21	1.32835 AU
superior conj	-4292 Mar 10 j 05:08	16°♒24'35	0°-29'-26
minimum elong	-4292 Mar 10 j 06:27	16°♒31'43	0°29'19
asc. node	-4292 Mar 13 j 01:50	22°♒37'58	
	-4292 Mar 16 j 12:00	0°♓	
evening rise	-4292 Mar 17 j 06:22	1°♓37'07	
	-4292 Apr 01 j 23:31	0°♈	
evening max el	-4292 Apr 11 j 08:19	11°♈20'03	24°23'40
desc. node	-4292 Apr 24 j 18:36	18°♈19'46	
retrograde	-4292 Apr 25 j 05:58	18°♈20'17	
evening set	-4292 Apr 29 j 18:35	17°♈34'14	
min. Earth dist.	-4292 May 05 j 20:12	14°♈32'38	0.56770 AU
inferior conj	-4292 May 08 j 12:23	12°♈50'32	-3°-20'-8
minimum elong	-4292 May 08 j 06:48	12°♈59'29	3°18'53
morning rise	-4292 May 16 j 23:08	8°♈45'11	
direct	-4292 May 19 j 10:08	8°♈28'43	
morning max el	-4292 May 28 j 20:57	12°♈52'08	19°31'27
asc. node	-4292 Jun 09 j 01:34	28°♈39'04	
	-4292 Jun 09 j 19:19	0°♉	
morning set	-4292 Jun 15 j 04:39	10°♉25'26	
superior conj	-4292 Jun 23 j 08:45	26°♉45'55	1°44'52
minimum elong	-4292 Jun 23 j 07:02	26°♉37'29	1°44'56
	-4292 Jun 25 j 00:32	0°♊	
max. Earth dist.	-4292 Jun 29 j 07:05	8°♊06'49	1.37565 AU
evening rise	-4292 Jul 03 j 04:53	15°♊13'31	
	-4292 Jul 11 j 21:42	0°♋	
desc. node	-4292 Jul 21 j 17:26	15°♋02'59	
	-4292 Aug 01 j 22:19	0°♌	
evening max el	-4292 Aug 08 j 01:00	6°♌44'46	25°14'37
retrograde	-4292 Aug 19 j 22:22	13°♌39'02	
evening set	-4292 Aug 25 j 18:54	11°♌09'15	
min. Earth dist.	-4292 Aug 30 j 06:11	6°♌06'21	0.66926 AU
inferior conj	-4292 Aug 31 j 05:21	4°♌50'31	-1°-35'-36
minimum elong	-4292 Aug 31 j 07:32	4°♌43'20	1°34'35
	-4292 Sep 04 j 08:33	30°℞♋	
asc. node	-4292 Sep 05 j 00:48	29°♋24'34	
morning rise	-4292 Sep 05 j 20:41	28°♋47'51	
direct	-4292 Sep 09 j 06:59	27°♋39'42	
	-4292 Sep 14 j 14:41	0°♌	
morning max el	-4292 Sep 16 j 17:18	1°♌56'42	19°43'59
greatest brilliancy	-4292 Sep 24 j 22:50	12°♌22'08	-0.6m
	-4292 Oct 06 j 16:32	0°♍	
morning set	-4292 Oct 11 j 18:48	7°♍52'58	
desc. node	-4292 Oct 17 j 17:10	17°♍07'49	
max. Earth dist.	-4292 Oct 24 j 09:26	27°♍39'38	1.44182 AU
	-4292 Oct 25 j 20:41	0°♎	
superior conj	-4292 Oct 28 j 12:45	4°♎16'45	-1°-5'-3
minimum elong	-4292 Oct 28 j 06:02	3°♎49'42	1°04'19
evening rise	-4292 Nov 11 j 10:48	27°♎15'49	
	-4292 Nov 13 j 01:39	0°♏	
evening max el	-4292 Nov 29 j 23:47	25°♏42'56	18°20'24
asc. node	-4292 Dec 01 j 23:36	27°♏29'49	
retrograde	-4292 Dec 06 j 13:23	29°♏17'58	
evening set	-4292 Dec 09 j 09:11	28°♏35'17	
inferior conj	-4292 Dec 15 j 13:13	23°♏06'44	3°37'31
minimum elong	-4292 Dec 15 j 10:21	23°♏14'49	3°36'50
min. Earth dist.	-4292 Dec 17 j 19:35	20°♏34'45	0.63786 AU
morning rise	-4292 Dec 21 j 09:59	17°♏05'57	
direct	-4292 Dec 28 j 09:29	14°♏17'39	
morning max el	-4291 Jan 11 j 00:27	22°♏01'08	27°32'10
desc. node	-4291 Jan 13 j 16:56	24°♏49'41	
	-4291 Jan 18 j 02:08	0°♐	
	-4291 Feb 06 j 18:21	0°♑	
morning set	-4291 Feb 14 j 17:01	14°♑56'20	
max. Earth dist.	-4291 Feb 19 j 21:24	25°♑31'18	1.33463 AU
	-4291 Feb 22 j 00:16	0°♒	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4291 Feb 22 j 12:39	1°♒05'59	0°-53'-44
minimum elong	-4291 Feb 22 j 14:57	1°♒18'16	0°53'31
asc. node	-4291 Feb 27 j 22:51	12°♒43'20	
evening rise	-4291 Mar 01 j 17:50	16°♒30'36	
	-4291 Mar 08 j 12:39	0°♓	
evening max el	-4291 Mar 24 j 00:59	22°♓03'42	22°49'43
retrograde	-4291 Apr 06 j 05:54	28°♓32'21	
evening set	-4291 Apr 09 j 12:20	28°♓08'57	
desc. node	-4291 Apr 11 j 15:45	27°♓30'02	
min. Earth dist.	-4291 Apr 17 j 10:51	24°♓38'23	0.55548 AU
inferior conj	-4291 Apr 18 j 18:44	23°♓52'21	-1°-54'-28
minimum elong	-4291 Apr 18 j 13:56	23°♓59'19	1°53'01
morning rise	-4291 Apr 27 j 18:07	19°♓55'07	
direct	-4291 Apr 30 j 07:08	19°♓39'52	
morning max el	-4291 May 11 j 09:56	24°♓51'25	20°43'05
	-4291 May 16 j 00:42	0°♈	
asc. node	-4291 May 26 j 22:35	18°♈03'02	
morning set	-4291 May 30 j 10:40	25°♈03'49	
	-4291 Jun 01 j 20:11	0°♉	
superior conj	-4291 Jun 07 j 02:31	10°♉51'59	1°33'24
minimum elong	-4291 Jun 06 j 23:57	10°♉38'54	1°33'16
max. Earth dist.	-4291 Jun 11 j 14:34	19°♉53'04	1.35874 AU
evening rise	-4291 Jun 15 j 21:07	28°♉03'45	
	-4291 Jun 16 j 22:12	0°♊	
	-4291 Jul 05 j 04:19	0°♋	
desc. node	-4291 Jul 08 j 14:28	4°♋50'02	
evening max el	-4291 Jul 21 j 11:53	20°♋15'21	26°20'10
retrograde	-4291 Aug 03 j 05:03	27°♋28'56	
evening set	-4291 Aug 09 j 15:41	24°♋46'15	
min. Earth dist.	-4291 Aug 13 j 18:45	20°♋21'40	0.66188 AU
inferior conj	-4291 Aug 15 j 05:59	18°♋32'46	-2°-25'-22
minimum elong	-4291 Aug 15 j 09:10	18°♋22'58	2°24'06
morning rise	-4291 Aug 21 j 03:29	12°♋41'18	
asc. node	-4291 Aug 22 j 21:57	11°♋57'11	
direct	-4291 Aug 24 j 05:02	11°♋47'37	
morning max el	-4291 Aug 31 j 01:34	15°♋38'46	18°51'59
	-4291 Sep 10 j 15:50	0°♌	
morning set	-4291 Sep 21 j 11:26	17°♌04'57	
	-4291 Sep 29 j 15:02	0°♍	
desc. node	-4291 Oct 04 j 14:04	7°♍49'18	
max. Earth dist.	-4291 Oct 07 j 02:02	11°♍45'35	1.44783 AU
superior conj	-4291 Oct 07 j 15:57	12°♍40'27	0°-19'-23
minimum elong	-4291 Oct 07 j 13:25	12°♍30'28	0°19'00
	-4291 Oct 18 j 14:13	0°♎	
evening rise	-4291 Oct 23 j 10:28	7°♎46'28	
	-4291 Nov 06 j 10:48	0°♏	
evening max el	-4291 Nov 13 j 11:16	9°♏07'26	18°50'41
asc. node	-4291 Nov 18 j 20:44	12°♏47'13	
retrograde	-4291 Nov 20 j 06:38	12°♏58'21	
evening set	-4291 Nov 23 j 08:00	12°♏05'00	
inferior conj	-4291 Nov 29 j 04:40	6°♏19'32	3°03'16
minimum elong	-4291 Nov 29 j 01:28	6°♏29'18	3°02'17
min. Earth dist.	-4291 Nov 30 j 20:29	4°♏17'58	0.65187 AU
morning rise	-4291 Dec 04 j 17:52	0°♏10'48	
	-4291 Dec 04 j 22:57	30°℞♎	
direct	-4291 Dec 11 j 08:31	27°♎21'45	
	-4291 Dec 18 j 13:45	0°♏	
morning max el	-4291 Dec 24 j 09:59	4°♏56'24	26°50'53
desc. node	-4291 Dec 31 j 13:56	13°♏03'16	
	-4290 Jan 12 j 15:34	0°♐	
morning set	-4290 Jan 29 j 04:05	28°♐30'35	
	-4290 Jan 29 j 22:41	0°♑	
max. Earth dist.	-4290 Feb 02 j 15:26	7°♑17'31	1.34525 AU
superior conj	-4290 Feb 06 j 15:01	15°♑26'52	-1°-16'-14
minimum elong	-4290 Feb 06 j 17:59	15°♑42'18	1°16'00
	-4290 Feb 13 j 13:29	0°♒	
evening rise	-4290 Feb 14 j 03:29	1°♒12'39	
asc. node	-4290 Feb 14 j 19:51	2°♒37'14	
	-4290 Mar 03 j 02:58	0°♓	
evening max el	-4290 Mar 05 j 23:36	3°♓01'39	21°19'50
retrograde	-4290 Mar 17 j 20:08	8°♓42'08	
evening set	-4290 Mar 20 j 08:42	8°♓27'36	
inferior conj	-4290 Mar 29 j 14:36	4°♓28'15	0°-1'-9
minimum elong	-4290 Mar 29 j 14:32	4°♓28'20	0°01'14
transit middle	-4290 Mar 29 j 14:32	4°♓28'20	0°01'14
transit begin	-4290 Mar 29 j 10:27	4°♓34'07	
transit end	-4290 Mar 29 j 18:38	4°♓22'34	
desc. node	-4290 Mar 29 j 12:54	4°♓30'38	
min. Earth dist.	-4290 Mar 30 j 01:04	4°♓13'28	0.55181 AU
morning rise	-4290 Apr 07 j 20:01	0°♓22'51	
direct	-4290 Apr 10 j 19:38	0°♓03'18	
morning max el	-4290 Apr 23 j 11:55	6°♓08'07	22°11'44
	-4290 May 09 j 21:28	0°♈	
asc. node	-4290 May 13 j 19:33	7°♈47'28	
morning set	-4290 May 14 j 20:33	9°♈56'28	
superior conj	-4290 May 22 j 04:17	25°♈23'39	1°16'53
minimum elong	-4290 May 22 j 01:37	25°♈09'34	1°16'35
	-4290 May 24 j 09:13	0°♉	
max. Earth dist.	-4290 May 25 j 07:46	1°♉56'18	1.34521 AU
evening rise	-4290 May 30 j 04:58	11°♉42'21	
	-4290 Jun 09 j 06:53	0°♊	
desc. node	-4290 Jun 25 j 11:33	24°♊04'04	
	-4290 Jun 30 j 10:50	0°♋	
evening max el	-4290 Jul 03 j 23:24	3°♋39'48	27°06'02
retrograde	-4290 Jul 17 j 06:26	11°♋02'00	
evening set	-4290 Jul 24 j 04:14	8°♋15'06	
min. Earth dist.	-4290 Jul 28 j 00:03	4°♋28'51	0.65078 AU
inferior conj	-4290 Jul 30 j 00:42	2°♋10'05	-3°-10'-11
minimum elong	-4290 Jul 30 j 04:24	1°♋59'31	3°08'59
	-4290 Jul 31 j 23:40	30°℞♊	
morning rise	-4290 Aug 05 j 05:53	26°♊33'13	
direct	-4290 Aug 08 j 01:03	25°♊50'46	
asc. node	-4290 Aug 09 j 19:02	26°♊07'14	
morning max el	-4290 Aug 14 j 14:18	29°♊24'23	18°16'32
	-4290 Aug 15 j 03:58	0°♋	
morning set	-4290 Sep 02 j 07:15	27°♋36'37	
	-4290 Sep 03 j 17:54	0°♌	
superior conj	-4290 Sep 16 j 17:39	21°♌04'46	0°29'38
minimum elong	-4290 Sep 16 j 21:15	21°♌19'04	0°29'18
max. Earth dist.	-4290 Sep 19 j 20:11	26°♌00'26	1.44658 AU
desc. node	-4290 Sep 21 j 10:59	28°♌33'36	
	-4290 Sep 22 j 08:56	0°♍	
evening rise	-4290 Oct 03 j 09:28	17°♍14'37	
	-4290 Oct 11 j 14:40	0°♎	
greatest brilliancy	-4290 Oct 19 j 08:26	11°♎40'37	-0.7m
evening max el	-4290 Oct 27 j 19:12	22°♎34'20	19°37'23
retrograde	-4290 Nov 04 j 03:02	26°♎49'27	
asc. node	-4290 Nov 05 j 17:52	26°♎34'17	
evening set	-4290 Nov 07 j 12:04	25°♎42'54	
inferior conj	-4290 Nov 13 j 03:10	19°♎43'32	2°20'38
minimum elong	-4290 Nov 13 j 00:21	19°♎52'45	2°19'37
min. Earth dist.	-4290 Nov 14 j 05:39	18°♎17'22	0.66233 AU
morning rise	-4290 Nov 18 j 11:53	13°♎29'19	
direct	-4290 Nov 24 j 13:15	10°♎51'16	
morning max el	-4290 Dec 06 j 19:09	18°♎04'48	25°45'08
	-4290 Dec 16 j 21:20	0°♏	
desc. node	-4290 Dec 18 j 10:55	2°♏06'01	
	-4289 Jan 05 j 15:25	0°♐	
morning set	-4289 Jan 12 j 00:11	11°♐14'43	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4289 Jan 15 j 21:56	18°♐33'12	1.36038 AU	
superior conj	-4289 Jan 21 j 09:40	29°♐19'22	-1°-35'-20	
minimum elong	-4289 Jan 21 j 12:42	29°♐34'38	1°35'13	
	-4289 Jan 21 j 17:44	0°♑		
evening rise	-4289 Jan 29 j 09:24	15°♑37'20		
asc. node	-4289 Feb 01 j 16:52	22°♑14'32		
	-4289 Feb 05 j 20:31	0°♒		
evening max el	-4289 Feb 16 j 07:59	14°♒30'48	20°03'28	
retrograde	-4289 Feb 26 j 12:06	19°♒20'12		
evening set	-4289 Feb 28 j 19:58	19°♒06'11		
inferior conj	-4289 Mar 09 j 13:46	15°♒06'05	1°49'30	
minimum elong	-4289 Mar 09 j 18:05	14°♒59'32	1°48'00	
min. Earth dist.	-4289 Mar 11 j 15:05	13°♒51'30	0.55744 AU	
desc. node	-4289 Mar 16 j 10:02	11°♒21'52		
morning rise	-4289 Mar 18 j 13:26	10°♒36'50		
direct	-4289 Mar 22 j 11:47	10°♒02'51		
morning max el	-4289 Apr 05 j 05:28	16°♒52'10	23°50'11	
	-4289 Apr 15 j 18:29	0°♓		
morning set	-4289 Apr 29 j 08:26	24°♓57'18		
asc. node	-4289 Apr 30 j 16:30	27°♓46'28		
	-4289 May 01 j 17:34	0°♈		
superior conj	-4289 May 06 j 11:21	10°♈12'29	0°56'45	
minimum elong	-4289 May 06 j 09:07	10°♈00'24	0°56'23	
max. Earth dist.	-4289 May 08 j 10:40	14°♈25'30	1.33533 AU	
evening rise	-4289 May 13 j 23:57	25°♈55'37		
	-4289 May 16 j 01:21	0°♉		
	-4289 Jun 02 j 17:01	0°♊		
desc. node	-4289 Jun 12 j 08:39	12°♊30'40		
evening max el	-4289 Jun 16 j 09:53	16°♊45'25	27°25'07	
retrograde	-4289 Jun 30 j 01:53	24°♊09'28		
evening set	-4289 Jul 07 j 05:17	21°♊30'08		
min. Earth dist.	-4289 Jul 10 j 20:07	18°♊17'59	0.63586 AU	
inferior conj	-4289 Jul 13 j 10:51	15°♊36'29	-3°-47'-2	
minimum elong	-4289 Jul 13 j 14:18	15°♊27'34	3°46'13	
morning rise	-4289 Jul 20 j 01:13	10°♊17'33		
direct	-4289 Jul 22 j 16:11	9°♊43'38		
asc. node	-4289 Jul 27 j 16:04	11°♊45'40		
morning max el	-4289 Jul 29 j 05:03	13°♊08'20	17°58'40	
	-4289 Aug 09 j 18:50	0°♋		
morning set	-4289 Aug 15 j 04:26	9°♋20'32		
	-4289 Aug 27 j 07:57	0°♌		
superior conj	-4289 Aug 27 j 14:44	0°♌28'01	1°09'55	
minimum elong	-4289 Aug 27 j 20:36	0°♌52'12	1°09'28	
max. Earth dist.	-4289 Sep 02 j 12:28	10°♌04'24	1.43827 AU	
desc. node	-4289 Sep 08 j 07:56	19°♌17'16		
evening rise	-4289 Sep 12 j 15:22	25°♌59'53		
	-4289 Sep 15 j 05:44	0°♍		
greatest brilliancy	-4289 Oct 04 j 20:18	28°♍45'00	-0.5m	
	-4289 Oct 05 j 19:11	0°♎		
evening max el	-4289 Oct 10 j 21:37	6°♎00'27	20°38'34	
retrograde	-4289 Oct 19 j 00:13	10°♎47'31		
evening set	-4289 Oct 22 j 19:07	9°♎25'05		
asc. node	-4289 Oct 23 j 14:59	8°♎45'01		
inferior conj	-4289 Oct 28 j 06:20	3°♎15'08	1°32'27	
minimum elong	-4289 Oct 28 j 04:19	3°♎21'59	1°31'40	
min. Earth dist.	-4289 Oct 28 j 20:59	2°♎25'29	0.66937 AU	
	-4289 Oct 30 j 17:23	30°℞♍		
morning rise	-4289 Nov 02 j 13:03	26°♍57'58		
direct	-4289 Nov 07 j 23:10	24°♍38'05		
	-4289 Nov 17 j 19:42	0°♎		
morning max el	-4289 Nov 19 j 03:54	1°♎18'26	24°24'14	
desc. node	-4289 Dec 05 j 07:52	21°♎43'15		
	-4289 Dec 10 j 22:12	0°♏		
morning set	-4289 Dec 24 j 23:37	22°♏52'48		
	-4289 Dec 28 j 23:53	0°♐		
max. Earth dist.	-4289 Dec 28 j 19:49	29°♏41'38	1.37922 AU	
superior conj	-4288 Jan 04 j 17:09	12°♐33'30	-1°-48'-56	
minimum elong	-4288 Jan 04 j 19:18	12°♐43'47	1°49'01	
evening rise	-4288 Jan 13 j 09:22	29°♐37'57		
	-4288 Jan 13 j 13:50	0°♑		
asc. node	-4288 Jan 19 j 13:54	11°♑28'51		
evening max el	-4288 Jan 30 j 02:39	26°♑35'09	19°05'31	
	-4288 Feb 04 j 02:58	0°♒		
retrograde	-4288 Feb 07 j 18:01	0°♒43'11		
evening set	-4288 Feb 10 j 03:09	0°♒25'42		
	-4288 Feb 11 j 12:56	30°℞♑		
inferior conj	-4288 Feb 18 j 04:25	26°♑11'32	3°10'10	
minimum elong	-4288 Feb 18 j 09:11	26°♑03'14	3°08'57	
min. Earth dist.	-4288 Feb 21 j 06:09	24°♑04'18	0.57090 AU	
morning rise	-4288 Feb 26 j 11:29	21°♑12'19		
desc. node	-4288 Mar 02 j 07:07	20°♑09'58		
direct	-4288 Mar 02 j 15:27	20°♑09'41		
morning max el	-4288 Mar 16 j 20:24	27°♑28'00	25°25'50	
	-4288 Mar 19 j 07:36	0°♒		
	-4288 Apr 07 j 21:55	0°♓		
morning set	-4288 Apr 12 j 20:38	10°♓00'28		
asc. node	-4288 Apr 16 j 13:28	17°♓55'12		
superior conj	-4288 Apr 19 j 21:39	25°♓11'34	0°34'08	
minimum elong	-4288 Apr 19 j 20:12	25°♓03'39	0°33'49	
max. Earth dist.	-4288 Apr 20 j 20:29	27°♓15'47	1.32894 AU	
	-4288 Apr 22 j 02:49	0°♈		
evening rise	-4288 Apr 27 j 02:39	10°♈32'50		
	-4288 May 07 j 08:20	0°♉		
evening max el	-4288 May 28 j 16:53	29°♉19'49	27°12'39	
desc. node	-4288 May 29 j 05:45	29°♉50'12		
	-4288 May 29 j 09:59	0°♊		
retrograde	-4288 Jun 11 j 14:56	6°♊42'54		
evening set	-4288 Jun 18 j 15:05	4°♊25'11		
min. Earth dist.	-4288 Jun 22 j 06:16	1°♊36'34	0.61758 AU	
	-4288 Jun 24 j 01:01	30°℞♉		
inferior conj	-4288 Jun 25 j 09:22	28°♉45'24	-4°-11'-18	
minimum elong	-4288 Jun 25 j 11:23	28°♉40'47	4°10'59	
morning rise	-4288 Jul 02 j 10:24	23°♉47'12		
direct	-4288 Jul 04 j 22:58	23°♉19'49		
morning max el	-4288 Jul 11 j 19:09	26°♉45'06	17°59'13	
asc. node	-4288 Jul 13 j 13:06	28°♉37'58		
	-4288 Jul 14 j 15:43	0°♊		
morning set	-4288 Jul 27 j 21:45	22°♊02'38		
	-4288 Aug 01 j 07:01	0°♋		
superior conj	-4288 Aug 07 j 15:29	11°♋14'04	1°35'46	
minimum elong	-4288 Aug 07 j 19:44	11°♋32'27	1°35'39	
max. Earth dist.	-4288 Aug 14 j 23:34	23°♋37'48	1.42410 AU	
	-4288 Aug 18 j 21:31	0°♌		
evening rise	-4288 Aug 21 j 22:29	4°♌50'34		
desc. node	-4288 Aug 25 j 04:55	9°♌57'16		
	-4288 Sep 07 j 14:51	0°♍		
greatest brilliancy	-4288 Sep 17 j 21:08	13°♍53'24	-0.4m	
evening max el	-4288 Sep 22 j 17:45	19°♍25'37	21°51'14	
retrograde	-4288 Oct 01 j 20:20	24°♍50'18		
evening set	-4288 Oct 06 j 03:13	23°♍09'42		
asc. node	-4288 Oct 09 j 12:07	19°♍34'39		
inferior conj	-4288 Oct 11 j 12:09	16°♍52'45	0°40'52	
minimum elong	-4288 Oct 11 j 11:13	16°♍55'59	0°40'32	
min. Earth dist.	-4288 Oct 11 j 16:09	16°♍38'56	0.67323 AU	
morning rise	-4288 Oct 16 j 18:59	10°♍35'27		
direct	-4288 Oct 21 j 13:49	8°♍36'43		
morning max el	-4288 Oct 31 j 14:08	14°♍35'19	22°57'51	
greatest brilliancy	-4288 Nov 05 j 11:34	20°♍05'29	-0.3m	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4288 Nov 13 j 01:04	0°♎	
desc. node	-4288 Nov 21 j 04:50	11°♎45'19	
	-4288 Dec 02 j 21:52	0°♏	
morning set	-4288 Dec 04 j 20:31	3°♏11'09	
max. Earth dist.	-4288 Dec 09 j 15:59	11°♏17'16	1.39986 AU
superior conj	-4288 Dec 17 j 09:04	24°♏57'56	-1°-54'-10
minimum elong	-4288 Dec 17 j 08:58	24°♏57'29	1°54'21
	-4288 Dec 20 j 02:26	0°♐	
evening rise	-4288 Dec 27 j 00:41	13°♐08'02	
asc. node	-4287 Jan 05 j 10:59	0°♑12'37	
	-4287 Jan 05 j 07:52	0°♑	
evening max el	-4287 Jan 12 j 05:59	9°♑10'37	18°27'33
retrograde	-4287 Jan 19 j 18:16	12°♑51'55	
evening set	-4287 Jan 22 j 05:58	12°♑28'54	
inferior conj	-4287 Jan 29 j 15:24	7°♑54'33	3°53'00
minimum elong	-4287 Jan 29 j 17:47	7°♑49'44	3°52'34
min. Earth dist.	-4287 Feb 02 j 00:36	5°♑11'40	0.58939 AU
morning rise	-4287 Feb 06 j 02:09	2°♑30'20	
direct	-4287 Feb 12 j 08:19	0°♑49'00	
desc. node	-4287 Feb 17 j 04:14	1°♑46'58	
morning max el	-4287 Feb 26 j 14:28	8°♑22'46	26°43'18
	-4287 Mar 14 j 23:00	0°♒	
morning set	-4287 Mar 28 j 07:23	24°♒58'30	
	-4287 Mar 30 j 16:23	0°♓	
asc. node	-4287 Apr 03 j 10:27	8°♓08'26	
superior conj	-4287 Apr 04 j 09:19	10°♓13'33	0°09'56
minimum elong	-4287 Apr 04 j 08:52	10°♓11'10	0°09'45
behind sun begin	-4287 Apr 04 j 04:55	9°♓49'32	
behind sun end	-4287 Apr 04 j 12:50	10°♓32'48	
max. Earth dist.	-4287 Apr 04 j 09:33	10°♓14'53	1.32595 AU
evening rise	-4287 Apr 11 j 10:22	25°♓23'55	
	-4287 Apr 13 j 16:06	0°♈	
	-4287 May 01 j 05:22	0°♉	
evening max el	-4287 May 10 j 18:19	11°♉13'36	26°27'39
desc. node	-4287 May 16 j 02:53	15°♉33'53	
retrograde	-4287 May 24 j 20:19	18°♉33'09	
evening set	-4287 May 31 j 05:28	16°♉49'41	
min. Earth dist.	-4287 Jun 04 j 07:28	14°♉08'27	0.59728 AU
inferior conj	-4287 Jun 07 j 16:36	11°♉27'20	-4°-15'-58
minimum elong	-4287 Jun 07 j 15:48	11°♉28'56	4°15'50
morning rise	-4287 Jun 15 j 05:45	6°♉51'03	
direct	-4287 Jun 17 j 17:09	6°♉28'47	
morning max el	-4287 Jun 25 j 05:43	10°♉06'04	18°19'04
asc. node	-4287 Jun 30 j 10:09	16°♉28'03	
	-4287 Jul 08 j 08:07	0°♊	
morning set	-4287 Jul 11 j 06:02	5°♊29'15	
superior conj	-4287 Jul 20 j 17:20	23°♊15'14	1°47'42
minimum elong	-4287 Jul 20 j 18:48	23°♊21'55	1°47'51
	-4287 Jul 24 j 11:24	0°♋	
max. Earth dist.	-4287 Jul 28 j 04:32	6°♋28'05	1.40603 AU
evening rise	-4287 Aug 02 j 00:56	14°♋36'44	
	-4287 Aug 11 j 18:10	0°♌	
desc. node	-4287 Aug 12 j 01:55	0°♌29'27	
greatest brilliancy	-4287 Aug 30 j 18:11	26°♌33'38	-0.2m
	-4287 Sep 02 j 16:20	0°♍	
evening max el	-4287 Sep 05 j 08:26	2°♍51'12	23°10'57
retrograde	-4287 Sep 15 j 13:51	8°♍54'41	
evening set	-4287 Sep 20 j 10:35	6°♍54'31	
inferior conj	-4287 Sep 25 j 18:48	0°♍34'15	0°-12'-20
minimum elong	-4287 Sep 25 j 19:05	0°♍33'17	0°12'07
transit middle	-4287 Sep 25 j 19:05	0°♍33'17	0°12'07
transit begin	-4287 Sep 25 j 17:16	0°♍39'32	
transit end	-4287 Sep 25 j 20:54	0°♍27'02	
min. Earth dist.	-4287 Sep 25 j 12:38	0°♍55'28	0.67408 AU
asc. node	-4287 Sep 26 j 09:15	29°♌44'41	
	-4287 Sep 26 j 04:47	30°℞♌	
morning rise	-4287 Oct 01 j 03:36	24°♌19'59	
direct	-4287 Oct 05 j 08:20	22°♌42'25	
morning max el	-4287 Oct 14 j 04:53	27°♌57'18	21°34'33
	-4287 Oct 16 j 02:32	0°♍	
greatest brilliancy	-4287 Oct 19 j 07:47	3°♍51'03	-0.4m
	-4287 Nov 06 j 17:03	0°♎	
desc. node	-4287 Nov 08 j 01:48	2°♎04'54	
morning set	-4287 Nov 14 j 13:16	12°♎09'37	
max. Earth dist.	-4287 Nov 21 j 17:12	23°♎43'53	1.41949 AU
	-4287 Nov 25 j 11:18	0°♏	
superior conj	-4287 Nov 29 j 03:55	6°♏19'17	-1°-47'-31
minimum elong	-4287 Nov 29 j 00:21	6°♏03'48	1°47'28
evening rise	-4287 Dec 10 j 03:54	26°♏00'07	
	-4287 Dec 12 j 08:29	0°♐	
asc. node	-4287 Dec 23 j 08:05	18°♐16'23	
evening max el	-4287 Dec 26 j 15:20	22°♐09'44	18°09'36
retrograde	-4286 Jan 02 j 11:15	25°♐38'51	
evening set	-4286 Jan 05 j 01:40	25°♐09'02	
inferior conj	-4286 Jan 11 j 21:43	20°♐12'42	4°03'53
minimum elong	-4286 Jan 11 j 21:19	20°♐13'37	4°03'42
min. Earth dist.	-4286 Jan 15 j 01:10	17°♐17'57	0.60950 AU
morning rise	-4286 Jan 18 j 14:23	14°♐30'54	
direct	-4286 Jan 25 j 12:10	12°♐13'24	
desc. node	-4286 Feb 04 j 01:20	15°♐59'25	
morning max el	-4286 Feb 08 j 14:31	19°♐54'16	27°30'23
	-4286 Feb 17 j 06:58	0°♑	
	-4286 Mar 07 j 17:19	0°♒	
morning set	-4286 Mar 12 j 14:51	9°♒44'45	
max. Earth dist.	-4286 Mar 18 j 22:18	23°♒10'15	1.32645 AU
superior conj	-4286 Mar 19 j 20:44	25°♒12'30	0°-15'-2
minimum elong	-4286 Mar 19 j 21:24	25°♒16'12	0°15'02
behind sun begin	-4286 Mar 19 j 19:51	25°♒07'44	
behind sun end	-4286 Mar 19 j 22:58	25°♒24'40	
asc. node	-4286 Mar 21 j 07:27	28°♒22'07	
	-4286 Mar 22 j 01:24	0°♓	
evening rise	-4286 Mar 26 j 21:01	10°♓21'30	
	-4286 Apr 06 j 01:16	0°♈	
evening max el	-4286 Apr 22 j 13:49	22°♈27'16	25°14'32
desc. node	-4286 May 03 j 00:01	29°♈06'06	
retrograde	-4286 May 06 j 15:25	29°♈37'12	
evening set	-4286 May 11 j 22:10	28°♈32'17	
min. Earth dist.	-4286 May 17 j 02:15	25°♈41'50	0.57754 AU
inferior conj	-4286 May 20 j 05:07	23°♈33'05	-3°-51'-23
minimum elong	-4286 May 20 j 00:53	23°♈40'26	3°50'42
morning rise	-4286 May 28 j 07:43	19°♈17'27	
direct	-4286 May 30 j 18:42	18°♈59'11	
morning max el	-4286 Jun 08 j 09:45	23°♈01'46	18°59'06
	-4286 Jun 14 j 03:11	0°♉	
asc. node	-4286 Jun 17 j 07:10	5°♉02'41	
morning set	-4286 Jun 25 j 01:11	19°♉30'13	
	-4286 Jun 30 j 09:05	0°♊	
superior conj	-4286 Jul 03 j 14:42	6°♊16'09	1°48'25
minimum elong	-4286 Jul 03 j 13:53	6°♊12'13	1°48'34
max. Earth dist.	-4286 Jul 10 j 06:18	18°♊38'35	1.38657 AU
evening rise	-4286 Jul 14 j 05:44	25°♊39'49	
	-4286 Jul 16 j 18:40	0°♋	
desc. node	-4286 Jul 29 j 22:55	20°♋49'16	
	-4286 Aug 05 j 09:15	0°♌	
evening max el	-4286 Aug 18 j 19:57	16°♌19'38	24°31'15
retrograde	-4286 Aug 30 j 03:36	22°♌57'15	
evening set	-4286 Sep 04 j 15:23	20°♌37'44	
min. Earth dist.	-4286 Sep 09 j 07:54	15°♌13'28	0.67197 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-4286 Sep 10 j 00:32	14°♌17'41	-1°-5'-34
minimum elong	-4286 Sep 10 j 02:04	14°♌12'34	1°04'49
asc. node	-4286 Sep 13 j 06:24	10°♌13'58	
morning rise	-4286 Sep 15 j 13:01	8°♌09'45	
direct	-4286 Sep 19 j 05:30	6°♌51'32	
morning max el	-4286 Sep 27 j 02:27	11°♌27'06	20°20'34
greatest brilliancy	-4286 Oct 03 j 19:36	19°♌36'29	-0.6m
	-4286 Oct 11 j 02:25	0°♍	
morning set	-4286 Oct 24 j 12:30	20°♍23'06	
desc. node	-4286 Oct 25 j 22:43	22°♍36'00	
	-4286 Oct 30 j 16:01	0°♎	
max. Earth dist.	-4286 Nov 04 j 02:07	7°♎02'20	1.43536 AU
superior conj	-4286 Nov 09 j 20:19	16°♎24'12	-1°-25'-24
minimum elong	-4286 Nov 09 j 13:42	15°♎56'59	1°24'50
	-4286 Nov 17 j 22:30	0°♏	
evening rise	-4286 Nov 22 j 14:42	8°♏04'27	
	-4286 Dec 05 j 19:14	0°♐	
evening max el	-4286 Dec 10 j 03:39	5°♐23'18	18°11'04
asc. node	-4286 Dec 10 j 05:12	5°♐27'13	
retrograde	-4286 Dec 16 j 17:00	8°♐52'53	
evening set	-4286 Dec 19 j 10:34	8°♐15'11	
inferior conj	-4286 Dec 25 j 19:46	2°♐57'34	3°51'51
minimum elong	-4286 Dec 25 j 17:29	3°♐03'36	3°51'24
min. Earth dist.	-4286 Dec 28 j 10:27	0°♐12'57	0.62837 AU
	-4286 Dec 28 j 15:34	30°℞♏	
morning rise	-4286 Dec 31 j 22:36	27°♏03'00	
direct	-4285 Jan 08 j 00:17	24°♏21'45	
	-4285 Jan 19 j 14:25	0°♐	
desc. node	-4285 Jan 21 j 22:25	2°♐10'33	
morning max el	-4285 Jan 21 j 20:09	2°♐04'56	27°41'41
	-4285 Feb 11 j 12:39	0°♑	
morning set	-4285 Feb 24 j 16:45	24°♑10'45	
	-4285 Feb 27 j 12:54	0°♒	
max. Earth dist.	-4285 Mar 02 j 06:51	5°♒47'52	1.33057 AU
superior conj	-4285 Mar 04 j 06:09	10°♒01'42	0°-39'-54
minimum elong	-4285 Mar 04 j 07:55	10°♒11'11	0°39'43
asc. node	-4285 Mar 08 j 04:28	18°♒31'34	
evening rise	-4285 Mar 11 j 08:40	25°♒18'08	
	-4285 Mar 13 j 15:03	0°♓	
	-4285 Apr 01 j 03:48	0°♈	
evening max el	-4285 Apr 04 j 05:53	3°♈14'06	23°43'59
retrograde	-4285 Apr 17 j 21:56	10°♈02'25	
desc. node	-4285 Apr 19 j 21:09	9°♈53'45	
evening set	-4285 Apr 21 j 20:58	9°♈27'53	
min. Earth dist.	-4285 Apr 28 j 17:20	6°♈15'37	0.56163 AU
inferior conj	-4285 Apr 30 j 21:32	4°♈56'38	-2°-48'-27
minimum elong	-4285 Apr 30 j 15:42	5°♈05'30	2°46'55
morning rise	-4285 May 09 j 14:00	0°♈56'14	
direct	-4285 May 12 j 01:34	0°♈40'32	
morning max el	-4285 May 22 j 04:38	5°♈22'57	19°59'37
asc. node	-4285 Jun 04 j 04:11	24°♈11'07	
	-4285 Jun 07 j 04:32	0°♉	
morning set	-4285 Jun 09 j 03:58	3°♉57'13	
superior conj	-4285 Jun 17 j 02:15	20°♉02'04	1°40'43
minimum elong	-4285 Jun 17 j 00:04	19°♉51'10	1°40'43
	-4285 Jun 22 j 04:34	0°♊	
max. Earth dist.	-4285 Jun 22 j 10:19	0°♊27'20	1.36811 AU
evening rise	-4285 Jun 26 j 10:30	7°♊54'44	
	-4285 Jul 09 j 13:03	0°♋	
desc. node	-4285 Jul 16 j 19:56	10°♋50'49	
	-4285 Aug 01 j 10:21	0°♌	
evening max el	-4285 Aug 01 j 06:40	29°♋51'00	25°44'27
retrograde	-4285 Aug 13 j 12:52	6°♌54'04	
evening set	-4285 Aug 19 j 15:43	4°♌18'03	
	-4285 Aug 23 j 14:26	30°℞♋	
min. Earth dist.	-4285 Aug 23 j 23:29	29°♋31'25	0.66660 AU
inferior conj	-4285 Aug 25 j 03:35	28°♋01'28	-1°-57'-8
minimum elong	-4285 Aug 25 j 06:14	27°♋52'59	1°55'58
morning rise	-4285 Aug 30 j 21:21	22°♋03'13	
asc. node	-4285 Aug 31 j 03:30	21°♋53'55	
direct	-4285 Sep 03 j 03:45	21°♋01'30	
morning max el	-4285 Sep 10 j 07:13	25°♋05'59	19°19'58
	-4285 Sep 14 j 10:51	0°♌	
greatest brilliancy	-4285 Sep 20 j 15:01	8°♌45'42	-0.7m
morning set	-4285 Oct 03 j 17:12	28°♌59'29	
	-4285 Oct 04 j 08:41	0°♍	
desc. node	-4285 Oct 12 j 19:39	13°♍15'05	
max. Earth dist.	-4285 Oct 17 j 17:21	20°♍58'52	1.44533 AU
superior conj	-4285 Oct 20 j 10:09	25°♍15'49	0°-46'-55
minimum elong	-4285 Oct 20 j 04:34	24°♍53'37	0°46'13
	-4285 Oct 23 j 09:22	0°♎	
evening rise	-4285 Nov 04 j 04:28	19°♎12'27	
	-4285 Nov 10 j 17:05	0°♏	
evening max el	-4285 Nov 23 j 16:09	18°♏45'12	18°31'04
asc. node	-4285 Nov 27 j 02:19	21°♏30'43	
retrograde	-4285 Nov 30 j 07:13	22°♏25'50	
evening set	-4285 Dec 03 j 05:14	21°♏38'44	
inferior conj	-4285 Dec 09 j 05:52	16°♏02'18	3°24'13
minimum elong	-4285 Dec 09 j 02:45	16°♏11'24	3°23'22
min. Earth dist.	-4285 Dec 11 j 05:49	13°♏42'41	0.64432 AU
morning rise	-4285 Dec 14 j 23:00	9°♏57'53	
direct	-4285 Dec 21 j 19:21	7°♏07'59	
morning max el	-4284 Jan 04 j 05:14	14°♏48'15	27°18'06
desc. node	-4284 Jan 08 j 19:28	19°♏47'11	
	-4284 Jan 16 j 17:07	0°♐	
	-4284 Feb 04 j 03:48	0°♑	
morning set	-4284 Feb 08 j 10:17	8°♑07'19	
max. Earth dist.	-4284 Feb 13 j 07:25	17°♑56'12	1.33869 AU
superior conj	-4284 Feb 16 j 11:43	24°♑34'51	-1°-3'-37
minimum elong	-4284 Feb 16 j 14:21	24°♑48'48	1°03'21
	-4284 Feb 19 j 00:56	0°♒	
asc. node	-4284 Feb 23 j 01:28	8°♒32'37	
evening rise	-4284 Feb 23 j 19:34	10°♒07'28	
	-4284 Mar 05 j 07:01	0°♓	
evening max el	-4284 Mar 16 j 00:12	13°♓59'53	22°10'08
retrograde	-4284 Mar 28 j 16:44	20°♓09'41	
evening set	-4284 Mar 31 j 13:58	19°♓51'17	
desc. node	-4284 Apr 05 j 18:19	17°♓58'20	
inferior conj	-4284 Apr 09 j 21:49	15°♓43'46	-1°-8'-10
minimum elong	-4284 Apr 09 j 18:43	15°♓48'08	1°07'11
min. Earth dist.	-4284 Apr 09 j 07:17	16°♓04'19	0.55278 AU
morning rise	-4284 Apr 19 j 01:02	11°♓45'45	
direct	-4284 Apr 21 j 17:14	11°♓29'36	
morning max el	-4284 May 03 j 12:47	17°♓03'20	21°19'14
	-4284 May 13 j 13:04	0°♈	
asc. node	-4284 May 21 j 01:09	13°♈44'27	
morning set	-4284 May 23 j 11:51	18°♈42'22	
	-4284 May 28 j 21:46	0°♉	
superior conj	-4284 May 30 j 23:45	4°♉20'04	1°26'55
minimum elong	-4284 May 30 j 21:04	4°♉06'09	1°26'42
max. Earth dist.	-4284 Jun 03 j 21:44	12°♉18'54	1.35245 AU
evening rise	-4284 Jun 08 j 09:54	21°♉06'46	
	-4284 Jun 13 j 05:37	0°♊	
	-4284 Jul 02 j 09:25	0°♋	
desc. node	-4284 Jul 02 j 17:00	0°♋25'23	
evening max el	-4284 Jul 13 j 17:43	13°♋19'36	26°42'32
retrograde	-4284 Jul 26 j 17:17	20°♋38'03	
evening set	-4284 Aug 02 j 09:19	17°♋51'59	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4284 Aug 06 j 09:01	13°♋44'17	0.65762 AU
inferior conj	-4284 Aug 08 j 01:56	11°♋41'53	-2°-45'-7
minimum elong	-4284 Aug 08 j 05:25	11°♋31'30	2°43'51
morning rise	-4284 Aug 14 j 02:33	5°♋56'33	
direct	-4284 Aug 17 j 01:07	5°♋08'04	
asc. node	-4284 Aug 17 j 00:34	5°♋08'04	
morning max el	-4284 Aug 23 j 17:44	8°♋50'32	18°34'55
	-4284 Sep 07 j 11:10	0°♌	
morning set	-4284 Sep 12 j 21:03	8°♌44'57	
	-4284 Sep 26 j 04:10	0°♍	
superior conj	-4284 Sep 28 j 09:45	3°♍31'28	0°01'49
minimum elong	-4284 Sep 28 j 10:00	3°♍32'29	0°01'52
behind sun begin	-4284 Sep 27 j 22:41	2°♍47'50	
behind sun end	-4284 Sep 28 j 21:19	4°♍17'07	
desc. node	-4284 Sep 28 j 16:34	3°♍58'25	
max. Earth dist.	-4284 Sep 29 j 11:14	5°♍11'57	1.44820 AU
evening rise	-4284 Oct 14 j 17:28	29°♍16'18	
	-4284 Oct 15 j 04:29	0°♎	
	-4284 Nov 04 j 03:36	0°♏	
evening max el	-4284 Nov 06 j 02:18	2°♏10'52	19°08'33
asc. node	-4284 Nov 12 j 23:25	6°♏11'22	
retrograde	-4284 Nov 13 j 02:18	6°♏11'27	
evening set	-4284 Nov 16 j 06:36	5°♏12'52	
	-4284 Nov 21 j 12:11	30°℞♎	
inferior conj	-4284 Nov 22 j 00:39	29°♎20'50	2°46'01
minimum elong	-4284 Nov 21 j 21:33	29°♎30'38	2°44'59
min. Earth dist.	-4284 Nov 23 j 10:34	27°♎34'02	0.65674 AU
morning rise	-4284 Nov 27 j 11:36	23°♎09'13	
direct	-4284 Dec 03 j 20:49	20°♎23'52	
morning max el	-4284 Dec 16 j 15:04	27°♎51'40	26°25'23
	-4284 Dec 18 j 16:21	0°♏	
desc. node	-4284 Dec 25 j 16:29	8°♏24'03	
	-4283 Jan 09 j 09:57	0°♐	
morning set	-4283 Jan 21 j 15:40	21°♐22'50	
max. Earth dist.	-4283 Jan 25 j 20:44	29°♐29'13	1.35114 AU
	-4283 Jan 26 j 02:59	0°♑	
superior conj	-4283 Jan 30 j 11:10	8°♑45'02	-1°-24'-52
minimum elong	-4283 Jan 30 j 14:15	9°♑00'54	1°24'41
evening rise	-4283 Feb 07 j 03:55	24°♑43'25	
asc. node	-4283 Feb 08 j 22:29	28°♑20'35	
	-4283 Feb 09 j 18:17	0°♒	
evening max el	-4283 Feb 26 j 02:39	25°♒10'13	20°45'17
	-4283 Mar 05 j 21:05	0°♓	
retrograde	-4283 Mar 09 j 06:40	0°♓29'06	
evening set	-4283 Mar 11 j 15:42	0°♓15'36	
	-4283 Mar 12 j 19:07	30°℞♒	
inferior conj	-4283 Mar 20 j 17:27	26°♒17'47	0°48'07
minimum elong	-4283 Mar 20 j 19:36	26°♒14'41	0°47'16
min. Earth dist.	-4283 Mar 21 j 21:34	25°♒37'14	0.55303 AU
desc. node	-4283 Mar 23 j 15:28	24°♒38'26	
morning rise	-4283 Mar 29 j 21:58	22°♒03'36	
direct	-4283 Apr 02 j 05:29	21°♒39'41	
morning max el	-4283 Apr 15 j 10:54	28°♒05'32	22°53'09
	-4283 Apr 17 j 08:27	0°♓	
	-4283 May 06 j 04:13	0°♈	
morning set	-4283 May 07 j 22:47	3°♈39'40	
asc. node	-4283 May 07 j 22:08	3°♈36'13	
superior conj	-4283 May 15 j 04:06	19°♈00'40	1°08'44
minimum elong	-4283 May 15 j 01:33	18°♈47'08	1°08'22
max. Earth dist.	-4283 May 17 j 19:03	24°♈32'20	1.34048 AU
	-4283 May 20 j 10:39	0°♉	
evening rise	-4283 May 22 j 22:59	5°♉01'58	
	-4283 Jun 05 j 22:21	0°♊	
desc. node	-4283 Jun 19 j 14:04	19°♊21'27	
evening max el	-4283 Jun 26 j 04:49	26°♊36'52	27°17'45
	-4283 Jun 30 j 02:29	0°♋	
retrograde	-4283 Jul 09 j 16:24	4°♋01'26	
evening set	-4283 Jul 16 j 17:25	1°♋15'49	
	-4283 Jul 18 j 04:50	30°℞♊	
min. Earth dist.	-4283 Jul 20 j 10:34	27°♊45'03	0.64484 AU
inferior conj	-4283 Jul 22 j 17:20	25°♊15'04	-3°-27'-4
minimum elong	-4283 Jul 22 j 21:02	25°♊04'53	3°26'00
morning rise	-4283 Jul 29 j 02:15	19°♊45'39	
direct	-4283 Jul 31 j 19:16	19°♊07'18	
asc. node	-4283 Aug 03 j 21:38	19°♊57'03	
morning max el	-4283 Aug 07 j 07:39	22°♊36'18	18°06'45
	-4283 Aug 13 j 02:30	0°♋	
morning set	-4283 Aug 25 j 04:06	19°♋48'20	
	-4283 Aug 31 j 05:56	0°♌	
superior conj	-4283 Sep 07 j 17:45	12°♌15'40	0°48'18
minimum elong	-4283 Sep 07 j 22:55	12°♌36'30	0°47'50
max. Earth dist.	-4283 Sep 12 j 04:20	19°♌22'05	1.44380 AU
desc. node	-4283 Sep 15 j 13:28	24°♌42'41	
	-4283 Sep 18 j 22:26	0°♍	
evening rise	-4283 Sep 24 j 07:27	8°♍21'26	
	-4283 Oct 08 j 12:19	0°♎	
greatest brilliancy	-4283 Oct 13 j 02:27	6°♎36'57	-0.6m
evening max el	-4283 Oct 20 j 08:00	15°♎37'33	20°01'49
retrograde	-4283 Oct 27 j 23:19	20°♎05'49	
asc. node	-4283 Oct 30 j 20:32	19°♎17'29	
evening set	-4283 Oct 31 j 12:10	18°♎53'02	
inferior conj	-4283 Nov 06 j 01:26	12°♎48'48	2°00'45
minimum elong	-4283 Nov 05 j 22:54	12°♎57'13	1°59'48
min. Earth dist.	-4283 Nov 06 j 22:47	11°♎37'53	0.66570 AU
morning rise	-4283 Nov 11 j 09:00	6°♎32'45	
direct	-4283 Nov 17 j 03:58	4°♎01'35	
morning max el	-4283 Nov 28 j 23:56	11°♎03'10	25°11'56
desc. node	-4283 Dec 12 j 13:26	27°♎43'10	
	-4283 Dec 14 j 04:16	0°♏	
	-4282 Jan 02 j 01:48	0°♐	
morning set	-4282 Jan 04 j 03:47	3°♐41'32	
max. Earth dist.	-4282 Jan 07 j 22:34	10°♐36'34	1.36797 AU
superior conj	-4282 Jan 14 j 01:34	22°♐22'53	-1°-41'-56
minimum elong	-4282 Jan 14 j 04:22	22°♐36'42	1°41'54
	-4282 Jan 17 j 21:02	0°♑	
evening rise	-4282 Jan 22 j 07:37	8°♑58'48	
asc. node	-4282 Jan 26 j 19:32	17°♑49'11	
	-4282 Feb 02 j 22:52	0°♒	
evening max el	-4282 Feb 08 j 15:38	6°♒55'20	19°36'29
retrograde	-4282 Feb 18 j 03:16	11°♒25'13	
evening set	-4282 Feb 20 j 11:11	11°♒10'10	
inferior conj	-4282 Feb 28 j 22:12	7°♒05'42	2°28'16
minimum elong	-4282 Mar 01 j 03:12	6°♒57'41	2°26'43
min. Earth dist.	-4282 Mar 03 j 12:15	5°♒26'57	0.56233 AU
morning rise	-4282 Mar 09 j 15:42	2°♒23'20	
desc. node	-4282 Mar 10 j 12:36	2°♒07'46	
direct	-4282 Mar 14 j 02:30	1°♒38'40	
morning max el	-4282 Mar 28 j 02:35	8°♒43'05	24°31'59
	-4282 Apr 12 j 18:37	0°♓	
morning set	-4282 Apr 22 j 11:00	18°♓42'04	
asc. node	-4282 Apr 24 j 19:06	23°♓39'59	
	-4282 Apr 27 j 17:28	0°♈	
superior conj	-4282 Apr 29 j 12:48	3°♈54'49	0°47'25
minimum elong	-4282 Apr 29 j 10:51	3°♈44'18	0°47'03
max. Earth dist.	-4282 May 01 j 01:07	7°♈10'41	1.33220 AU
evening rise	-4282 May 06 j 21:38	19°♈26'53	
	-4282 May 12 j 07:23	0°♉	
	-4282 May 31 j 04:51	0°♊	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4282 Jun 06 j 11:11	7°♊22'26		
evening max el	-4282 Jun 08 j 14:13	9°♊30'51	27°23'54	
retrograde	-4282 Jun 22 j 09:28	16°♊55'00		
evening set	-4282 Jun 29 j 12:29	14°♊23'23		
min. Earth dist.	-4282 Jul 03 j 02:38	11°♊22'35	0.62838 AU	
inferior conj	-4282 Jul 05 j 22:56	8°♊35'01	-3°-59'-18	
minimum elong	-4282 Jul 06 j 01:57	8°♊27'36	3°58'41	
morning rise	-4282 Jul 12 j 17:39	3°♊24'24		
direct	-4282 Jul 15 j 07:19	2°♊53'33		
asc. node	-4282 Jul 21 j 18:41	6°♊08'32		
morning max el	-4282 Jul 21 j 22:26	6°♊17'41	17°56'34	
	-4282 Aug 06 j 07:45	0°♋		
morning set	-4282 Aug 07 j 10:33	1°♋58'46		
superior conj	-4282 Aug 19 j 02:22	22°♋13'15	1°22'43	
minimum elong	-4282 Aug 19 j 07:51	22°♋36'22	1°22'23	
	-4282 Aug 23 j 18:47	0°♌		
max. Earth dist.	-4282 Aug 25 j 18:21	3°♌13'44	1.43283 AU	
desc. node	-4282 Sep 02 j 10:25	15°♌25'18		
evening rise	-4282 Sep 03 j 11:15	17°♌02'03		
	-4282 Sep 11 j 22:51	0°♍		
greatest brilliancy	-4282 Sep 27 j 22:12	22°♍44'55	-0.5m	
evening max el	-4282 Oct 03 j 07:54	29°♍04'01	21°08'25	
	-4282 Oct 04 j 06:32	0°♎		
retrograde	-4282 Oct 11 j 20:11	4°♎06'22		
evening set	-4282 Oct 15 j 19:54	2°♎36'37		
asc. node	-4282 Oct 17 j 17:39	0°♎50'48		
	-4282 Oct 18 j 11:35	30°℞♍		
inferior conj	-4282 Oct 21 j 05:58	26°♍23'32	1°10'54	
minimum elong	-4282 Oct 21 j 04:23	26°♍28'58	1°10'17	
min. Earth dist.	-4282 Oct 21 j 16:04	25°♍48'58	0.67137 AU	
morning rise	-4282 Oct 26 j 12:29	20°♍05'59		
direct	-4282 Oct 31 j 16:10	17°♍54'37		
morning max el	-4282 Nov 11 j 08:47	24°♍17'44	23°47'37	
	-4282 Nov 16 j 11:06	0°♎		
desc. node	-4282 Nov 29 j 10:24	17°♎32'25		
	-4282 Dec 07 j 15:32	0°♏		
morning set	-4282 Dec 16 j 16:36	14°♏47'30		
max. Earth dist.	-4282 Dec 20 j 18:35	21°♏52'13	1.38796 AU	
	-4282 Dec 25 j 06:47	0°♐		
superior conj	-4282 Dec 28 j 03:08	5°♐18'20	-1°-52'-22	
minimum elong	-4282 Dec 28 j 04:30	5°♐24'47	1°52'32	
evening rise	-4281 Jan 06 j 04:19	22°♐47'40		
	-4281 Jan 09 j 22:06	0°♑		
asc. node	-4281 Jan 13 j 16:36	6°♑51'46		
evening max el	-4281 Jan 22 j 14:24	19°♑14'32	18°46'53	
retrograde	-4281 Jan 30 j 16:36	23°♑08'49		
evening set	-4281 Feb 02 j 03:01	22°♑49'01		
inferior conj	-4281 Feb 09 j 21:19	18°♑26'45	3°32'43	
minimum elong	-4281 Feb 10 j 01:16	18°♑19'26	3°31'52	
min. Earth dist.	-4281 Feb 13 j 04:16	16°♑01'49	0.57847 AU	
morning rise	-4281 Feb 17 j 19:50	13°♑16'18		
direct	-4281 Feb 23 j 12:13	11°♑57'38		
desc. node	-4281 Feb 25 j 09:44	12°♑06'25		
morning max el	-4281 Mar 09 j 18:03	19°♑23'10	26°01'41	
	-4281 Mar 18 j 17:46	0°♒		
	-4281 Apr 05 j 03:36	0°♓		
morning set	-4281 Apr 06 j 22:48	3°♓43'34		
asc. node	-4281 Apr 11 j 16:06	13°♓51'02		
superior conj	-4281 Apr 13 j 23:53	18°♓55'40	0°24'01	
minimum elong	-4281 Apr 13 j 22:51	18°♓49'58	0°23'44	
max. Earth dist.	-4281 Apr 14 j 12:52	20°♓06'34	1.32736 AU	
	-4281 Apr 19 j 02:52	0°♈		
evening rise	-4281 Apr 21 j 02:49	4°♈11'07		
	-4281 May 05 j 02:00	0°♉		
evening max el	-4281 May 21 j 19:18	21°♉49'11	26°57'22	
desc. node	-4281 May 24 j 08:19	24°♉05'03		
retrograde	-4281 Jun 04 j 19:09	29°♉10'10		
evening set	-4281 Jun 11 j 14:24	27°♉06'09		
min. Earth dist.	-4281 Jun 15 j 08:50	24°♉22'39	0.60908 AU	
inferior conj	-4281 Jun 18 j 15:24	21°♉33'29	-4°-16'-14	
minimum elong	-4281 Jun 18 j 16:23	21°♉31'22	4°16'04	
morning rise	-4281 Jun 25 j 21:22	16°♉44'12		
direct	-4281 Jun 28 j 09:26	16°♉19'02		
morning max el	-4281 Jul 05 j 11:18	19°♉47'55	18°05'14	
asc. node	-4281 Jul 08 j 15:44	23°♉26'45		
	-4281 Jul 13 j 01:03	0°♊		
morning set	-4281 Jul 21 j 10:49	15°♊01'06		
	-4281 Jul 29 j 14:47	0°♋		
superior conj	-4281 Jul 31 j 14:20	3°♋32'10	1°42'25	
minimum elong	-4281 Jul 31 j 17:24	3°♋45'47	1°42'26	
max. Earth dist.	-4281 Aug 08 j 03:14	16°♋31'10	1.41674 AU	
evening rise	-4281 Aug 14 j 00:54	26°♋11'19		
	-4281 Aug 16 j 10:24	0°♌		
desc. node	-4281 Aug 20 j 07:23	6°♌02'16		
	-4281 Sep 05 j 18:49	0°♍		
greatest brilliancy	-4281 Sep 11 j 08:13	7°♍10'23	-0.3m	
evening max el	-4281 Sep 16 j 01:37	12°♍29'08	22°24'44	
retrograde	-4281 Sep 25 j 15:12	18°♍09'54		
evening set	-4281 Sep 30 j 03:53	16°♍20'57		
asc. node	-4281 Oct 04 j 14:48	11°♍16'25		
inferior conj	-4281 Oct 05 j 12:19	10°♍02'23	0°18'24	
minimum elong	-4281 Oct 05 j 11:54	10°♍03'52	0°18'18	
min. Earth dist.	-4281 Oct 05 j 11:58	10°♍03'37	0.67395 AU	
morning rise	-4281 Oct 10 j 19:47	3°♍46'15		
direct	-4281 Oct 15 j 08:31	1°♍56'37		
morning max el	-4281 Oct 24 j 20:29	7°♍35'47	22°21'42	
greatest brilliancy	-4281 Oct 29 j 13:33	12°♍55'04	-0.3m	
	-4281 Nov 11 j 02:38	0°♎		
desc. node	-4281 Nov 16 j 07:20	7°♎42'27		
morning set	-4281 Nov 27 j 01:09	24°♎29'38		
	-4281 Nov 30 j 09:49	0°♏		
max. Earth dist.	-4281 Dec 02 j 16:45	3°♏49'39	1.40855 AU	
superior conj	-4281 Dec 10 j 10:48	17°♏17'35	-1°-53'-2	
minimum elong	-4281 Dec 10 j 09:20	17°♏11'00	1°53'10	
	-4281 Dec 17 j 09:27	0°♐		
evening rise	-4281 Dec 20 j 14:55	6°♐02'27		
asc. node	-4281 Dec 31 j 13:40	25°♐19'39		
	-4280 Jan 04 j 00:10	0°♑		
evening max el	-4280 Jan 05 j 20:36	2°♑00'43	18°17'25	
retrograde	-4280 Jan 13 j 00:34	5°♑35'14		
evening set	-4280 Jan 15 j 13:28	5°♑09'21		
inferior conj	-4280 Jan 22 j 16:51	0°♑25'18	4°00'58	
minimum elong	-4280 Jan 22 j 17:59	0°♑22'50	4°00'43	
	-4280 Jan 23 j 04:33	30°℞♐		
min. Earth dist.	-4280 Jan 26 j 00:39	27°♐34'46	0.59798 AU	
morning rise	-4280 Jan 29 j 19:29	24°♐52'56		
direct	-4280 Feb 05 j 09:40	22°♐55'35		
desc. node	-4280 Feb 12 j 06:51	24°♐53'19		
	-4280 Feb 19 j 01:06	0°♑		
morning max el	-4280 Feb 19 j 14:32	0°♑32'12	27°07'34	
	-4280 Mar 11 j 16:40	0°♒		
morning set	-4280 Mar 21 j 08:27	18°♒37'52		
	-4280 Mar 26 j 16:15	0°♓		
superior conj	-4280 Mar 28 j 11:40	3°♓57'13	0°00'-37	
minimum elong	-4280 Mar 28 j 11:42	3°♓57'24	0°00'43	
behind sun begin	-4280 Mar 28 j 06:43	3°♓30'03		
behind sun end	-4280 Mar 28 j 16:42	4°♓24'45		
max. Earth dist.	-4280 Mar 28 j 02:31	3°♓07'05	1.32580 AU	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4280 Mar 28 j 13:08	4°♓05'12	
evening rise	-4280 Apr 04 j 12:03	19°♓06'13	
	-4280 Apr 09 j 21:58	0°♈	
	-4280 Apr 29 j 11:09	0°♉	
evening max el	-4280 May 02 j 18:07	3°♉25'26	25°59'23
desc. node	-4280 May 10 j 05:28	8°♉58'11	
retrograde	-4280 May 16 j 20:13	10°♉41'32	
evening set	-4280 May 22 j 19:39	9°♉14'27	
min. Earth dist.	-4280 May 27 j 06:41	6°♉31'27	0.58868 AU
inferior conj	-4280 May 30 j 15:06	4°♉01'31	-4°-9'-43
minimum elong	-4280 May 30 j 12:49	4°♉05'49	4°09'28
	-4280 Jun 06 j 03:25	30°℞♈	
morning rise	-4280 Jun 07 j 09:50	29°♈34'34	
direct	-4280 Jun 09 j 21:12	29°♈14'00	
	-4280 Jun 13 j 11:22	0°♉	
morning max el	-4280 Jun 17 j 19:29	2°♉59'48	18°33'39
asc. node	-4280 Jun 24 j 12:47	11°♉37'33	
morning set	-4280 Jul 04 j 00:13	28°♉44'02	
	-4280 Jul 04 j 15:58	0°♊	
superior conj	-4280 Jul 13 j 01:17	16°♊01'28	1°49'12
minimum elong	-4280 Jul 13 j 01:41	16°♊03'17	1°49'23
max. Earth dist.	-4280 Jul 20 j 06:45	29°♊05'13	1.39776 AU
	-4280 Jul 20 j 19:19	0°♋	
evening rise	-4280 Jul 24 j 14:27	6°♋29'37	
desc. node	-4280 Aug 06 j 04:23	26°♋30'00	
	-4280 Aug 08 j 12:47	0°♌	
evening max el	-4280 Aug 28 j 14:32	25°♌55'16	23°45'24
	-4280 Sep 02 j 08:44	0°♍	
retrograde	-4280 Sep 08 j 07:13	2°♍14'08	
evening set	-4280 Sep 13 j 10:23	0°♍05'16	
	-4280 Sep 13 j 12:50	30°℞♌	
inferior conj	-4280 Sep 18 j 18:47	23°♌44'34	0°-35'-1
minimum elong	-4280 Sep 18 j 19:36	23°♌41'48	0°34'34
min. Earth dist.	-4280 Sep 18 j 08:09	24°♌20'52	0.67356 AU
asc. node	-4280 Sep 20 j 11:56	21°♌27'01	
morning rise	-4280 Sep 24 j 04:58	17°♌32'51	
direct	-4280 Sep 28 j 04:11	16°♌04'02	
morning max el	-4280 Oct 06 j 14:06	21°♌01'12	21°01'42
greatest brilliancy	-4280 Oct 12 j 05:57	27°♌39'53	-0.5m
	-4280 Oct 14 j 00:28	0°♍	
desc. node	-4280 Nov 02 j 04:15	28°♍07'12	
	-4280 Nov 03 j 09:26	0°♎	
morning set	-4280 Nov 05 j 08:11	3°♎01'53	
max. Earth dist.	-4280 Nov 13 j 21:26	16°♎39'53	1.42682 AU
superior conj	-4280 Nov 20 j 18:48	28°♎06'35	-1°-40'-12
minimum elong	-4280 Nov 20 j 13:42	27°♎44'57	1°39'55
	-4280 Nov 21 j 21:29	0°♏	
evening rise	-4280 Dec 02 j 11:42	18°♏35'12	
	-4280 Dec 08 j 22:09	0°♐	
asc. node	-4280 Dec 17 j 10:46	13°♐02'17	
evening max el	-4280 Dec 19 j 07:28	15°♐06'10	18°07'52
retrograde	-4280 Dec 25 j 23:42	18°♐34'31	
evening set	-4280 Dec 28 j 15:13	18°♐01'36	
inferior conj	-4279 Jan 04 j 06:20	12°♐55'52	4°01'08
minimum elong	-4279 Jan 04 j 05:00	12°♐59'09	4°00'51
min. Earth dist.	-4279 Jan 07 j 04:48	10°♐03'01	0.61773 AU
morning rise	-4279 Jan 10 j 16:32	7°♐07'51	
direct	-4279 Jan 17 j 17:03	4°♐38'34	
desc. node	-4279 Jan 29 j 03:56	10°♐00'34	
morning max el	-4279 Jan 31 j 17:25	12°♐21'32	27°39'45
	-4279 Feb 14 j 18:46	0°♑	
	-4279 Mar 03 j 22:53	0°♒	
morning set	-4279 Mar 05 j 13:52	3°♒16'54	
max. Earth dist.	-4279 Mar 11 j 14:02	15°♒57'08	1.32771 AU
superior conj	-4279 Mar 12 j 22:27	18°♒52'48	0°-25'-39
minimum elong	-4279 Mar 12 j 23:36	18°♒59'02	0°25'34
asc. node	-4279 Mar 15 j 10:06	24°♒17'29	
	-4279 Mar 18 j 01:26	0°♓	
evening rise	-4279 Mar 19 j 23:20	4°♓04'09	
	-4279 Apr 03 j 00:23	0°♈	
evening max el	-4279 Apr 14 j 11:24	14°♈24'35	24°37'16
desc. node	-4279 Apr 27 j 02:38	21°♈23'59	
retrograde	-4279 Apr 28 j 10:35	21°♈28'06	
evening set	-4279 May 03 j 03:54	20°♈37'31	
min. Earth dist.	-4279 May 08 j 23:27	17°♈39'08	0.57009 AU
inferior conj	-4279 May 11 j 19:01	15°♈49'32	-3°-29'-42
minimum elong	-4279 May 11 j 13:41	15°♈58'15	3°28'37
morning rise	-4279 May 20 j 03:39	11°♈41'51	
direct	-4279 May 22 j 14:32	11°♈25'01	
morning max el	-4279 May 31 j 20:02	15°♈42'37	19°22'23
asc. node	-4279 Jun 11 j 09:48	0°♉27'42	
	-4279 Jun 11 j 03:33	0°♉	
morning set	-4279 Jun 17 j 22:57	12°♉56'54	
superior conj	-4279 Jun 26 j 05:19	29°♉23'35	1°46'01
minimum elong	-4279 Jun 26 j 03:48	29°♉16'12	1°46'08
	-4279 Jun 26 j 12:47	0°♊	
max. Earth dist.	-4279 Jul 02 j 08:20	11°♊01'49	1.37844 AU
evening rise	-4279 Jul 06 j 06:02	18°♊04'41	
	-4279 Jul 13 j 06:07	0°♋	
desc. node	-4279 Jul 24 j 01:25	16°♋42'51	
	-4279 Aug 02 j 19:06	0°♌	
evening max el	-4279 Aug 11 j 01:14	9°♌24'12	25°03'40
retrograde	-4279 Aug 22 j 19:17	16°♌14'42	
evening set	-4279 Aug 28 j 13:32	13°♌47'29	
min. Earth dist.	-4279 Sep 02 j 02:10	8°♌38'52	0.67007 AU
inferior conj	-4279 Sep 02 j 23:35	7°♌28'13	-1°-27'-46
minimum elong	-4279 Sep 03 j 01:37	7°♌21'32	1°26'49
asc. node	-4279 Sep 07 j 09:03	2°♌21'07	
morning rise	-4279 Sep 08 j 14:07	1°♌23'59	
direct	-4279 Sep 12 j 01:55	0°♌13'21	
morning max el	-4279 Sep 19 j 14:51	4°♌35'04	19°52'57
greatest brilliancy	-4279 Sep 27 j 09:32	14°♌19'15	-0.6m
	-4279 Oct 07 j 23:05	0°♍	
morning set	-4279 Oct 15 j 06:43	11°♍16'25	
desc. node	-4279 Oct 20 j 01:10	18°♍41'58	
	-4279 Oct 27 j 05:09	0°♎	
max. Earth dist.	-4279 Oct 27 j 08:48	0°♎14'35	1.44032 AU
superior conj	-4279 Oct 31 j 23:18	7°♎38'01	-1°-10'-54
minimum elong	-4279 Oct 31 j 16:25	7°♎10'13	1°10'12
	-4279 Nov 14 j 10:13	0°♏	
evening rise	-4279 Nov 14 j 14:06	0°♏16'28	
evening max el	-4279 Dec 02 j 20:10	28°♏23'55	18°17'27
asc. node	-4279 Dec 04 j 07:52	29°♏46'23	
	-4279 Dec 04 j 14:37	0°♐	
retrograde	-4279 Dec 09 j 09:28	1°♐57'12	
evening set	-4279 Dec 12 j 04:39	1°♐15'53	
	-4279 Dec 14 j 04:16	30°℞♏	
inferior conj	-4279 Dec 18 j 09:57	25°♏50'14	3°41'43
minimum elong	-4279 Dec 18 j 07:12	25°♏57'50	3°41'05
min. Earth dist.	-4279 Dec 20 j 18:32	23°♏14'28	0.63547 AU
morning rise	-4279 Dec 24 j 08:09	19°♏50'58	
direct	-4279 Dec 31 j 08:32	17°♏03'52	
morning max el	-4278 Jan 14 j 00:53	24°♏47'43	27°35'42
desc. node	-4278 Jan 16 j 00:57	26°♏51'39	
	-4278 Jan 18 j 19:48	0°♐	
	-4278 Feb 08 j 03:29	0°♑	
morning set	-4278 Feb 17 j 12:38	17°♑32'09	
max. Earth dist.	-4278 Feb 22 j 19:29	28°♑23'01	1.33343 AU
	-4278 Feb 23 j 13:51	0°♒	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4278 Feb 25 j 06:29	3°♒36'27	0°-50'-9
minimum elong	-4278 Feb 25 j 08:39	3°♒48'03	0°49'55
asc. node	-4278 Mar 02 j 07:06	14°♒24'09	
evening rise	-4278 Mar 04 j 10:52	18°♒58'33	
	-4278 Mar 09 j 22:07	0°♓	
evening max el	-4278 Mar 27 j 03:42	25°♓08'09	23°03'45
	-4278 Apr 02 j 18:39	0°♈	
retrograde	-4278 Apr 09 j 12:03	1°♈42'21	
evening set	-4278 Apr 12 j 22:25	1°♈16'35	
desc. node	-4278 Apr 13 j 23:46	0°♈58'50	
	-4278 Apr 16 j 12:35	30°℞♓	
min. Earth dist.	-4278 Apr 20 j 14:14	27°♓51'09	0.55685 AU
inferior conj	-4278 Apr 22 j 03:43	26°♓56'28	-2°-9'-48
minimum elong	-4278 Apr 21 j 22:29	27°♓04'07	2°08'15
morning rise	-4278 May 01 j 01:26	22°♓58'43	
direct	-4278 May 03 j 13:52	22°♓43'29	
morning max el	-4278 May 14 j 10:30	27°♓47'18	20°31'11
	-4278 May 16 j 14:32	0°♈	
asc. node	-4278 May 29 j 06:47	19°♈47'32	
morning set	-4278 Jun 02 j 04:09	27°♈32'09	
	-4278 Jun 03 j 09:03	0°♉	
superior conj	-4278 Jun 09 j 21:33	13°♉24'19	1°35'30
minimum elong	-4278 Jun 09 j 19:03	13°♉11'41	1°35'24
max. Earth dist.	-4278 Jun 14 j 14:38	22°♉47'12	1.36110 AU
	-4278 Jun 18 j 09:32	0°♊	
evening rise	-4278 Jun 18 j 19:26	0°♊46'01	
	-4278 Jul 06 j 08:44	0°♋	
desc. node	-4278 Jul 10 j 22:28	6°♋33'56	
evening max el	-4278 Jul 24 j 12:05	22°♋55'18	26°11'30
	-4278 Aug 04 j 18:22	0°♌	
retrograde	-4278 Aug 06 j 02:39	0°♌06'24	
	-4278 Aug 07 j 10:04	30°℞♋	
evening set	-4278 Aug 12 j 11:18	27°♋25'22	
min. Earth dist.	-4278 Aug 16 j 15:35	22°♋54'55	0.66322 AU
inferior conj	-4278 Aug 18 j 00:54	21°♋10'59	-2°-18'-5
minimum elong	-4278 Aug 18 j 03:57	21°♋01'28	2°16'51
morning rise	-4278 Aug 23 j 21:23	15°♋17'33	
asc. node	-4278 Aug 25 j 06:08	14°♋39'24	
direct	-4278 Aug 27 j 00:07	14°♋21'50	
morning max el	-4278 Sep 02 j 22:13	18°♋16'11	18°58'42
	-4278 Sep 11 j 20:05	0°♌	
morning set	-4278 Sep 24 j 19:51	20°♌18'07	
	-4278 Sep 30 j 23:11	0°♍	
desc. node	-4278 Oct 06 j 22:04	9°♍22'50	
max. Earth dist.	-4278 Oct 10 j 01:09	14°♍18'38	1.44742 AU
superior conj	-4278 Oct 11 j 04:43	16°♍07'24	0°-26'-50
minimum elong	-4278 Oct 11 j 01:15	15°♍53'44	0°26'20
	-4278 Oct 19 j 22:25	0°♎	
evening rise	-4278 Oct 26 j 17:29	10°♎56'47	
	-4278 Nov 07 j 13:59	0°♏	
evening max el	-4278 Nov 16 j 08:00	11°♏47'47	18°45'05
asc. node	-4278 Nov 21 j 04:59	15°♏16'11	
retrograde	-4278 Nov 23 j 01:58	15°♏35'37	
evening set	-4278 Nov 26 j 02:27	14°♏43'54	
inferior conj	-4278 Dec 02 j 00:04	9°♏00'44	3°09'02
minimum elong	-4278 Dec 01 j 20:52	9°♏10'23	3°08'06
min. Earth dist.	-4278 Dec 03 j 17:59	6°♏54'19	0.65004 AU
morning rise	-4278 Dec 07 j 14:12	2°♏53'09	
direct	-4278 Dec 14 j 06:33	0°♏03'28	
morning max el	-4278 Dec 27 j 10:15	7°♏39'40	26°58'48
desc. node	-4277 Jan 02 j 21:57	14°♏55'54	
	-4277 Jan 13 j 20:34	0°♐	
	-4277 Jan 31 j 10:24	0°♑	
morning set	-4277 Feb 01 j 01:28	1°♑12'13	
max. Earth dist.	-4277 Feb 05 j 15:15	10°♑14'38	1.34340 AU
superior conj	-4277 Feb 09 j 09:44	18°♑00'30	-1°-13'-1
minimum elong	-4277 Feb 09 j 12:38	18°♑15'39	1°12'46
	-4277 Feb 15 j 02:20	0°♒	
evening rise	-4277 Feb 16 j 20:52	3°♒42'28	
asc. node	-4277 Feb 17 j 04:07	4°♒20'01	
	-4277 Mar 03 j 18:20	0°♓	
evening max el	-4277 Mar 09 j 01:04	6°♓02'13	21°32'30
retrograde	-4277 Mar 21 j 03:00	11°♓50'22	
evening set	-4277 Mar 23 j 17:26	11°♓35'05	
desc. node	-4277 Mar 31 j 20:54	8°♓12'39	
inferior conj	-4277 Apr 02 j 00:17	7°♓34'17	0°-18'-56
minimum elong	-4277 Apr 01 j 23:23	7°♓35'32	0°18'44
min. Earth dist.	-4277 Apr 02 j 04:16	7°♓28'41	0.55178 AU
morning rise	-4277 Apr 11 j 05:29	3°♓31'25	
direct	-4277 Apr 14 j 02:55	3°♓12'59	
morning max el	-4277 Apr 26 j 13:59	9°♓09'45	21°57'43
	-4277 May 11 j 07:01	0°♈	
asc. node	-4277 May 16 j 03:46	9°♈29'25	
morning set	-4277 May 17 j 13:35	12°♈23'12	
superior conj	-4277 May 24 j 22:17	27°♈52'47	1°19'40
minimum elong	-4277 May 24 j 19:35	27°♈38'39	1°19'22
	-4277 May 25 j 22:39	0°♉	
max. Earth dist.	-4277 May 28 j 06:29	4°♉47'48	1.34699 AU
evening rise	-4277 Jun 02 j 01:14	14°♉18'17	
	-4277 Jun 10 j 15:39	0°♊	
desc. node	-4277 Jun 27 j 19:32	25°♊53'50	
	-4277 Jul 01 j 02:52	0°♋	
evening max el	-4277 Jul 06 j 23:37	6°♋21'37	27°00'44
retrograde	-4277 Jul 20 j 04:45	13°♋42'45	
evening set	-4277 Jul 27 j 01:15	10°♋55'45	
min. Earth dist.	-4277 Jul 30 j 22:03	7°♋04'03	0.65269 AU
inferior conj	-4277 Aug 01 j 20:39	4°♋49'27	-3°-3'-51
minimum elong	-4277 Aug 02 j 00:19	4°♋38'51	3°02'37
	-4277 Aug 06 j 16:38	30°℞♊	
morning rise	-4277 Aug 08 j 00:36	29°♊10'16	
direct	-4277 Aug 10 j 20:37	28°♊26'18	
asc. node	-4277 Aug 12 j 03:12	28°♊35'08	
	-4277 Aug 15 j 02:16	0°♋	
morning max el	-4277 Aug 17 j 10:28	2°♋01'49	18°20'46
morning set	-4277 Sep 05 j 11:36	0°♌38'20	
	-4277 Sep 05 j 02:17	0°♌	
superior conj	-4277 Sep 20 j 05:09	24°♌27'29	0°22'33
minimum elong	-4277 Sep 20 j 07:58	24°♌38'42	0°22'18
max. Earth dist.	-4277 Sep 22 j 19:38	28°♌34'49	1.44727 AU
desc. node	-4277 Sep 23 j 19:00	0°♍07'02	
	-4277 Sep 23 j 17:13	0°♍	
evening rise	-4277 Oct 06 j 20:02	20°♍34'09	
	-4277 Oct 12 j 21:01	0°♎	
greatest brilliancy	-4277 Oct 21 j 15:54	13°♎26'00	-0.7m
evening max el	-4277 Oct 30 j 16:35	25°♎14'23	19°29'23
retrograde	-4277 Nov 06 j 22:07	29°♎25'24	
asc. node	-4277 Nov 08 j 02:04	29°♎17'34	
evening set	-4277 Nov 10 j 05:54	28°♎20'55	
inferior conj	-4277 Nov 15 j 21:42	22°♎23'15	2°27'28
minimum elong	-4277 Nov 15 j 18:47	22°♎32'41	2°26'27
min. Earth dist.	-4277 Nov 17 j 02:02	20°♎51'49	0.66104 AU
morning rise	-4277 Nov 21 j 06:56	16°♎09'40	
direct	-4277 Nov 27 j 10:23	13°♎29'35	
morning max el	-4277 Dec 09 j 19:40	20°♎46'59	25°56'06
	-4277 Dec 17 j 20:05	0°♏	
desc. node	-4277 Dec 20 j 18:57	3°♏52'04	
	-4276 Jan 07 j 00:23	0°♐	
morning set	-4276 Jan 15 j 00:07	14°♐04'24	
max. Earth dist.	-4276 Jan 18 j 23:32	21°♐34'02	1.35786 AU
	-4276 Jan 23 j 06:23	0°♑	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4276 Jan 24 j 05:42	1°♑57'23	-1°-32'-45
minimum elong	-4276 Jan 24 j 08:47	2°♑12'57	1°32'37
evening rise	-4276 Feb 01 j 03:29	18°♑09'52	
asc. node	-4276 Feb 04 j 01:08	23°♑59'59	
	-4276 Feb 07 j 04:23	0°♒	
evening max el	-4276 Feb 19 j 07:49	17°♒25'40	20°13'45
retrograde	-4276 Feb 29 j 18:07	22°♒22'37	
evening set	-4276 Mar 03 j 02:01	22°♒08'53	
inferior conj	-4276 Mar 11 j 22:04	18°♒09'44	1°34'15
minimum elong	-4276 Mar 12 j 01:56	18°♒03'57	1°32'52
min. Earth dist.	-4276 Mar 13 j 18:13	17°♒03'56	0.55598 AU
desc. node	-4276 Mar 17 j 18:03	14°♒55'54	
morning rise	-4276 Mar 20 j 23:23	13°♒44'50	
direct	-4276 Mar 24 j 17:33	13°♒13'58	
morning max el	-4276 Apr 07 j 08:34	19°♒57'35	23°35'28
	-4276 Apr 15 j 18:40	0°♓	
morning set	-4276 May 01 j 01:17	27°♓23'22	
asc. node	-4276 May 02 j 00:45	29°♓26'47	
	-4276 May 02 j 07:02	0°♈	
superior conj	-4276 May 08 j 04:43	12°♈39'40	1°00'01
minimum elong	-4276 May 08 j 02:23	12°♈27'08	0°59'38
max. Earth dist.	-4276 May 10 j 08:04	17°♈13'15	1.33652 AU
evening rise	-4276 May 15 j 18:48	28°♈27'06	
	-4276 May 16 j 13:30	0°♉	
	-4276 Jun 02 j 20:01	0°♊	
desc. node	-4276 Jun 13 j 16:39	14°♊28'49	
evening max el	-4276 Jun 18 j 10:17	19°♊30'27	27°24'10
retrograde	-4276 Jul 02 j 01:10	26°♊54'47	
evening set	-4276 Jul 09 j 04:16	24°♊13'15	
min. Earth dist.	-4276 Jul 12 j 19:32	20°♊56'40	0.63833 AU
inferior conj	-4276 Jul 15 j 08:16	18°♊17'43	-3°-42'-11
minimum elong	-4276 Jul 15 j 11:49	18°♊08'23	3°41'18
morning rise	-4276 Jul 21 j 21:12	12°♊56'05	
direct	-4276 Jul 24 j 12:39	12°♊21'06	
asc. node	-4276 Jul 29 j 00:16	14°♊01'01	
morning max el	-4276 Jul 31 j 01:07	15°♊46'31	18°00'12
	-4276 Aug 10 j 02:08	0°♋	
morning set	-4276 Aug 17 j 05:17	12°♋12'04	
	-4276 Aug 27 j 17:11	0°♌	
superior conj	-4276 Aug 29 j 22:28	3°♌39'32	1°04'42
minimum elong	-4276 Aug 30 j 04:18	4°♌03'25	1°04'12
max. Earth dist.	-4276 Sep 04 j 12:15	12°♌40'57	1.43992 AU
desc. node	-4276 Sep 09 j 15:57	20°♌50'54	
evening rise	-4276 Sep 15 j 03:32	29°♌23'07	
	-4276 Sep 15 j 13:05	0°♍	
	-4276 Oct 05 j 17:56	0°♎	
greatest brilliancy	-4276 Oct 06 j 12:01	1°♎01'11	-0.5m
evening max el	-4276 Oct 12 j 19:53	8°♎40'35	20°28'36
retrograde	-4276 Oct 20 j 19:26	13°♎22'45	
evening set	-4276 Oct 24 j 12:40	12°♎02'53	
asc. node	-4276 Oct 24 j 23:12	11°♎42'53	
inferior conj	-4276 Oct 30 j 00:21	5°♎54'11	1°40'02
minimum elong	-4276 Oct 29 j 22:12	6°♎01'29	1°39'11
min. Earth dist.	-4276 Oct 30 j 16:41	4°♎59'04	0.66852 AU
	-4276 Nov 03 j 21:12	30°℞♍	
morning rise	-4276 Nov 04 j 07:14	29°♍37'10	
direct	-4276 Nov 09 j 19:37	27°♍14'16	
	-4276 Nov 16 j 15:12	0°♎	
morning max el	-4276 Nov 21 j 04:31	4°♎00'38	24°36'51
desc. node	-4276 Dec 06 j 15:56	23°♎25'01	
	-4276 Dec 11 j 03:58	0°♏	
morning set	-4276 Dec 27 j 03:08	25°♏54'01	
	-4276 Dec 29 j 10:35	0°♐	
max. Earth dist.	-4276 Dec 30 j 22:21	2°♐41'40	1.37620 AU

superior conj	-4275 Jan 06 j 15:11	15°♐18'16	-1°-47'-20
minimum elong	-4275 Jan 06 j 17:32	15°♐29'40	1°47'25
	-4275 Jan 14 j 01:29	0°♑	
evening rise	-4275 Jan 15 j 04:35	2°♑14'56	
asc. node	-4275 Jan 20 j 22:11	13°♑18'24	
evening max el	-4275 Feb 01 j 01:06	29°♑25'23	19°12'56
	-4275 Feb 01 j 16:08	0°♒	
retrograde	-4275 Feb 09 j 21:33	3°♒38'48	
evening set	-4275 Feb 12 j 06:14	3°♒22'04	
	-4275 Feb 19 j 04:39	30°℞♑	
inferior conj	-4275 Feb 20 j 10:01	29°♑10'40	3°00'21
minimum elong	-4275 Feb 20 j 14:58	29°♑02'14	2°59'03
min. Earth dist.	-4275 Feb 23 j 09:17	27°♑10'17	0.56844 AU
morning rise	-4275 Feb 28 j 19:57	24°♑15'33	
desc. node	-4275 Mar 04 j 15:11	23°♑21'17	
direct	-4275 Mar 05 j 19:23	23°♑18'01	
	-4275 Mar 19 j 09:27	0°♒	
morning max el	-4275 Mar 19 j 23:37	0°♒33'28	25°12'22
	-4275 Apr 09 j 08:20	0°♓	
morning set	-4275 Apr 15 j 13:35	12°♓26'40	
asc. node	-4275 Apr 18 j 21:46	19°♓34'33	
superior conj	-4275 Apr 22 j 14:42	27°♓37'54	0°37'42
minimum elong	-4275 Apr 22 j 13:07	27°♓29'14	0°37'22
max. Earth dist.	-4275 Apr 23 j 16:59	0°♈00'29	1.32964 AU
	-4275 Apr 23 j 16:53	0°♈	
evening rise	-4275 Apr 29 j 20:34	13°♈01'27	
	-4275 May 08 j 17:04	0°♉	
	-4275 May 29 j 14:18	0°♊	
evening max el	-4275 May 31 j 17:55	2°♊09'59	27°16'36
desc. node	-4275 May 31 j 13:46	1°♊59'59	
retrograde	-4275 Jun 14 j 15:24	9°♊33'41	
evening set	-4275 Jun 21 j 16:38	7°♊11'48	
min. Earth dist.	-4275 Jun 25 j 07:13	4°♊20'33	0.62049 AU
inferior conj	-4275 Jun 28 j 08:45	1°♊29'36	-4°-8'-46
minimum elong	-4275 Jun 28 j 11:04	1°♊24'10	4°08'22
	-4275 Jun 29 j 23:59	30°℞♉	
morning rise	-4275 Jul 05 j 08:07	26°♉28'11	
direct	-4275 Jul 07 j 20:52	26°♉00'00	
morning max el	-4275 Jul 14 j 15:32	29°♉24'42	17°57'52
	-4275 Jul 15 j 05:30	0°♊	
asc. node	-4275 Jul 15 j 21:21	0°♊43'01	
morning set	-4275 Jul 30 j 19:56	24°♊45'58	
	-4275 Aug 02 j 17:31	0°♋	
superior conj	-4275 Aug 10 j 19:04	14°♋12'48	1°32'49
minimum elong	-4275 Aug 10 j 23:41	14°♋32'41	1°32'38
max. Earth dist.	-4275 Aug 17 j 23:55	26°♋18'21	1.42652 AU
	-4275 Aug 20 j 06:22	0°♌	
evening rise	-4275 Aug 25 j 09:04	8°♌08'48	
desc. node	-4275 Aug 27 j 12:55	11°♌31'20	
	-4275 Sep 08 j 19:19	0°♍	
greatest brilliancy	-4275 Sep 20 j 17:50	16°♍24'20	-0.4m
evening max el	-4275 Sep 25 j 16:58	22°♍05'40	21°39'54
retrograde	-4275 Oct 04 j 15:49	27°♍24'40	
evening set	-4275 Oct 08 j 20:45	25°♍47'00	
asc. node	-4275 Oct 11 j 20:21	22°♍42'36	
inferior conj	-4275 Oct 14 j 05:55	19°♍30'55	0°48'52
minimum elong	-4275 Oct 14 j 04:49	19°♍34'46	0°48'26
min. Earth dist.	-4275 Oct 14 j 11:30	19°♍11'41	0.67282 AU
morning rise	-4275 Oct 19 j 12:36	13°♍13'21	
direct	-4275 Oct 24 j 09:40	11°♍11'18	
morning max el	-4275 Nov 03 j 14:17	17°♍16'36	23°10'40
greatest brilliancy	-4275 Nov 08 j 17:55	23°♍04'58	-0.3m
	-4275 Nov 14 j 02:39	0°♎	
desc. node	-4275 Nov 23 j 12:53	13°♎23'44	
	-4275 Dec 04 j 06:19	0°♏	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4275 Dec 08 j 04:19	6°♏24'56	
max. Earth dist.	-4275 Dec 12 j 18:06	14°♏10'30	1.39675 AU
superior conj	-4275 Dec 20 j 09:48	27°♏51'07	-1°-54'-4
minimum elong	-4275 Dec 20 j 10:08	27°♏52'38	1°54'15
	-4275 Dec 21 j 13:38	0°♐	
evening rise	-4275 Dec 29 j 21:25	15°♐49'59	
	-4274 Jan 06 j 13:03	0°♑	
asc. node	-4274 Jan 07 j 19:16	2°♑07'16	
evening max el	-4274 Jan 15 j 03:22	11°♑56'54	18°31'56
retrograde	-4274 Jan 22 j 18:53	15°♑40'59	
evening set	-4274 Jan 25 j 06:15	15°♑18'51	
inferior conj	-4274 Feb 01 j 17:56	10°♑47'52	3°48'43
minimum elong	-4274 Feb 01 j 20:45	10°♑42'18	3°48'12
min. Earth dist.	-4274 Feb 05 j 03:05	8°♑08'47	0.58648 AU
morning rise	-4274 Feb 09 j 07:42	5°♑26'56	
direct	-4274 Feb 15 j 10:40	3°♑51'23	
desc. node	-4274 Feb 19 j 12:19	4°♑32'26	
morning max el	-4274 Mar 01 j 16:52	11°♑23'31	26°33'23
	-4274 Mar 16 j 03:37	0°♒	
morning set	-4274 Mar 31 j 00:40	27°♒25'30	
	-4274 Apr 01 j 06:01	0°♓	
asc. node	-4274 Apr 05 j 18:46	9°♓47'08	
superior conj	-4274 Apr 07 j 02:18	12°♓39'35	0°13'40
minimum elong	-4274 Apr 07 j 01:42	12°♓36'17	0°13'29
behind sun begin	-4274 Apr 06 j 23:05	12°♓22'03	
behind sun end	-4274 Apr 07 j 04:18	12°♓50'32	
max. Earth dist.	-4274 Apr 07 j 05:46	12°♓58'32	1.32620 AU
evening rise	-4274 Apr 14 j 03:43	27°♓50'48	
	-4274 Apr 15 j 04:42	0°♈	
	-4274 May 02 j 05:04	0°♉	
evening max el	-4274 May 13 j 20:23	14°♉10'09	26°36'21
desc. node	-4274 May 18 j 10:55	18°♉00'03	
retrograde	-4274 May 27 j 22:02	21°♉30'12	
evening set	-4274 Jun 03 j 10:07	19°♉41'15	
min. Earth dist.	-4274 Jun 07 j 09:45	16°♉59'53	0.60034 AU
inferior conj	-4274 Jun 10 j 18:29	14°♉16'00	-4°-16'-58
minimum elong	-4274 Jun 10 j 18:11	14°♉16'36	4°16'51
morning rise	-4274 Jun 18 j 05:43	9°♉36'16	
direct	-4274 Jun 20 j 17:14	9°♉13'18	
morning max el	-4274 Jun 28 j 02:46	12°♉48'09	18°14'50
asc. node	-4274 Jul 02 j 18:25	18°♉25'06	
	-4274 Jul 09 j 17:46	0°♊	
morning set	-4274 Jul 14 j 02:19	8°♊06'44	
superior conj	-4274 Jul 23 j 17:31	26°♊03'34	1°46'40
minimum elong	-4274 Jul 23 j 19:24	26°♊12'04	1°46'49
	-4274 Jul 25 j 22:11	0°♋	
max. Earth dist.	-4274 Jul 31 j 05:51	9°♋15'50	1.40888 AU
evening rise	-4274 Aug 05 j 07:57	17°♋44'51	
	-4274 Aug 13 j 01:19	0°♌	
desc. node	-4274 Aug 14 j 09:54	2°♌04'56	
greatest brilliancy	-4274 Sep 03 j 05:28	29°♌47'01	-0.3m
	-4274 Sep 03 j 09:46	0°♍	
evening max el	-4274 Sep 08 j 08:25	5°♍31'18	22°58'54
retrograde	-4274 Sep 18 j 09:44	11°♍28'53	
evening set	-4274 Sep 23 j 04:18	9°♍31'43	
inferior conj	-4274 Sep 28 j 12:33	3°♍11'51	0°-4'-12
minimum elong	-4274 Sep 28 j 12:38	3°♍11'31	0°04'05
transit middle	-4274 Sep 28 j 12:38	3°♍11'31	0°04'05
transit begin	-4274 Sep 28 j 10:02	3°♍20'32	
transit end	-4274 Sep 28 j 15:15	3°♍02'31	
min. Earth dist.	-4274 Sep 28 j 07:55	3°♍27'47	0.67416 AU
asc. node	-4274 Sep 28 j 17:29	2°♍54'52	
	-4274 Sep 30 j 22:12	30°℞♌	
morning rise	-4274 Oct 03 j 20:56	26°♌56'57	
direct	-4274 Oct 08 j 03:44	25°♌16'13	
	-4274 Oct 16 j 13:11	0°♍	
morning max el	-4274 Oct 17 j 04:05	0°♍37'12	21°46'27
greatest brilliancy	-4274 Oct 22 j 03:24	6°♍18'39	-0.4m
	-4274 Nov 07 j 23:32	0°♎	
desc. node	-4274 Nov 10 j 09:48	3°♎40'44	
morning set	-4274 Nov 18 j 00:53	15°♎33'30	
max. Earth dist.	-4274 Nov 24 j 18:19	26°♎28'53	1.41678 AU
	-4274 Nov 26 j 20:53	0°♏	
superior conj	-4274 Dec 02 j 08:08	9°♏22'33	-1°-49'-28
minimum elong	-4274 Dec 02 j 05:07	9°♏09'23	1°49'28
evening rise	-4274 Dec 13 j 02:38	28°♏47'50	
	-4274 Dec 13 j 18:20	0°♐	
asc. node	-4274 Dec 25 j 16:20	20°♐17'24	
evening max el	-4274 Dec 29 j 12:00	24°♐52'42	18°10'59
retrograde	-4273 Jan 05 j 09:36	28°♐22'37	
evening set	-4273 Jan 07 j 23:39	27°♐53'49	
inferior conj	-4273 Jan 14 j 21:31	23°♐00'38	4°03'54
minimum elong	-4273 Jan 14 j 21:30	23°♐00'39	4°03'42
min. Earth dist.	-4273 Jan 18 j 02:22	20°♐06'17	0.60658 AU
morning rise	-4273 Jan 21 j 16:39	17°♐21'12	
direct	-4273 Jan 28 j 12:56	15°♐08'34	
desc. node	-4273 Feb 06 j 09:25	18°♐23'13	
morning max el	-4273 Feb 11 j 15:51	22°♐48'11	27°25'34
	-4273 Feb 18 j 02:16	0°♑	
	-4273 Mar 09 j 04:10	0°♒	
morning set	-4273 Mar 15 j 08:43	12°♒13'26	
max. Earth dist.	-4273 Mar 21 j 18:48	25°♒55'03	1.32619 AU
superior conj	-4273 Mar 22 j 13:49	27°♒38'50	0°-11'-15
minimum elong	-4273 Mar 22 j 14:20	27°♒41'36	0°11'16
behind sun begin	-4273 Mar 22 j 10:46	27°♒22'11	
behind sun end	-4273 Mar 22 j 17:53	28°♒01'01	
asc. node	-4273 Mar 23 j 15:45	0°♓00'32	
	-4273 Mar 23 j 15:39	0°♓	
evening rise	-4273 Mar 29 j 14:02	12°♓47'31	
	-4273 Apr 07 j 09:09	0°♈	
evening max el	-4273 Apr 25 j 16:42	25°♈29'00	25°26'49
	-4273 May 01 j 09:28	0°♉	
desc. node	-4273 May 05 j 08:04	1°♉54'17	
retrograde	-4273 May 09 j 18:35	2°♉40'34	
evening set	-4273 May 15 j 05:56	1°♉30'08	
	-4273 May 18 j 04:21	30°℞♈	
min. Earth dist.	-4273 May 20 j 05:10	28°♈42'04	0.58032 AU
inferior conj	-4273 May 23 j 09:56	26°♈27'20	-3°-57'-28
minimum elong	-4273 May 23 j 06:10	26°♈34'00	3°56'55
morning rise	-4273 May 31 j 10:26	22°♈08'49	
direct	-4273 Jun 02 j 21:34	21°♈49'56	
morning max el	-4273 Jun 11 j 07:53	25°♈47'43	18°51'53
	-4273 Jun 15 j 01:16	0°♉	
asc. node	-4273 Jun 19 j 15:26	6°♉53'30	
morning set	-4273 Jun 27 j 20:03	22°♉03'06	
	-4273 Jul 01 j 21:20	0°♊	
superior conj	-4273 Jul 06 j 12:19	8°♊56'24	1°48'54
minimum elong	-4273 Jul 06 j 11:47	8°♊53'52	1°49'05
max. Earth dist.	-4273 Jul 13 j 08:02	21°♊32'19	1.38944 AU
evening rise	-4273 Jul 17 j 08:47	28°♊36'06	
	-4273 Jul 18 j 04:25	0°♋	
desc. node	-4273 Aug 01 j 06:54	22°♋26'58	
	-4273 Aug 06 j 12:11	0°♌	
evening max el	-4273 Aug 21 j 20:13	18°♌59'08	24°19'31
retrograde	-4273 Sep 01 j 23:59	25°♌31'53	
evening set	-4273 Sep 07 j 09:34	23°♌15'04	
min. Earth dist.	-4273 Sep 12 j 03:26	17°♌45'34	0.67251 AU
inferior conj	-4273 Sep 12 j 18:29	16°♌54'50	0°-57'-34

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4273 Sep 12 j 19:50	16°♌50'19	0°56'53
asc. node	-4273 Sep 15 j 14:36	13°♌17'14	
morning rise	-4273 Sep 18 j 06:19	10°♌45'52	
direct	-4273 Sep 22 j 00:31	9°♌24'58	
morning max el	-4273 Sep 30 j 00:34	14°♌05'39	20°30'49
greatest brilliancy	-4273 Oct 06 j 10:14	21°♌47'50	-0.5m
	-4273 Oct 12 j 06:41	0°♍	
morning set	-4273 Oct 28 j 01:23	23°♍49'30	
desc. node	-4273 Oct 28 j 06:41	24°♍10'05	
	-4273 Nov 01 j 00:16	0°♎	
max. Earth dist.	-4273 Nov 07 j 02:19	9°♎40'56	1.43337 AU
superior conj	-4273 Nov 13 j 04:36	19°♎38'41	-1°-29'-50
minimum elong	-4273 Nov 12 j 22:17	19°♎12'28	1°29'21
	-4273 Nov 19 j 08:02	0°♏	
evening rise	-4273 Nov 25 j 16:07	10°♏59'29	
	-4273 Dec 06 j 20:29	0°♐	
asc. node	-4273 Dec 12 j 13:25	7°♐36'41	
evening max el	-4273 Dec 12 j 23:59	8°♐03'58	18°09'37
retrograde	-4273 Dec 19 j 13:46	11°♐32'54	
evening set	-4273 Dec 22 j 06:48	10°♐56'26	
inferior conj	-4273 Dec 28 j 17:27	5°♐41'44	3°54'49
minimum elong	-4273 Dec 28 j 15:23	5°♐47'06	3°54'24
min. Earth dist.	-4273 Dec 31 j 10:11	2°♐54'31	0.62571 AU
morning rise	-4272 Jan 03 j 22:03	29°♏48'45	
	-4272 Jan 03 j 16:05	30°℞♏	
direct	-4272 Jan 10 j 23:42	27°♏10'15	
	-4272 Jan 18 j 23:32	0°♐	
desc. node	-4272 Jan 24 j 06:27	4°♐18'28	
morning max el	-4272 Jan 24 j 20:51	4°♐53'19	27°42'21
	-4272 Feb 12 j 19:14	0°♑	
morning set	-4272 Feb 27 j 11:36	26°♑43'03	
	-4272 Feb 29 j 02:10	0°♒	
max. Earth dist.	-4272 Mar 04 j 04:21	8°♒36'48	1.32970 AU
superior conj	-4272 Mar 05 j 23:38	12°♒29'47	0°-36'-10
minimum elong	-4272 Mar 06 j 01:14	12°♒38'27	0°36'01
asc. node	-4272 Mar 09 j 12:44	20°♒10'50	
evening rise	-4272 Mar 13 j 01:38	27°♒44'44	
	-4272 Mar 14 j 03:30	0°♓	
	-4272 Mar 31 j 17:35	0°♈	
evening max el	-4272 Apr 06 j 08:54	6°♈18'19	23°58'01
retrograde	-4272 Apr 20 j 03:06	13°♈11'09	
desc. node	-4272 Apr 21 j 05:13	13°♈08'29	
evening set	-4272 Apr 24 j 06:55	12°♈32'51	
min. Earth dist.	-4272 Apr 30 j 20:29	9°♈24'38	0.56361 AU
inferior conj	-4272 May 03 j 05:17	7°♈57'18	-3°00'-40
minimum elong	-4272 May 02 j 23:26	8°♈06'20	2°59'12
morning rise	-4272 May 11 j 19:47	3°♈55'29	
direct	-4272 May 14 j 07:08	3°♈39'33	
morning max el	-4272 May 24 j 04:19	8°♈14'53	19°49'22
asc. node	-4272 Jun 05 j 12:25	25°♈57'25	
	-4272 Jun 07 j 15:40	0°♉	
morning set	-4272 Jun 10 j 21:52	6°♉26'47	
superior conj	-4272 Jun 18 j 22:04	22°♉36'42	1°42'20
minimum elong	-4272 Jun 18 j 20:02	22°♉26'36	1°42'21
	-4272 Jun 22 j 16:44	0°♊	
max. Earth dist.	-4272 Jun 24 j 11:19	3°♊22'42	1.37069 AU
evening rise	-4272 Jun 28 j 10:18	10°♊41'04	
	-4272 Jul 09 j 20:17	0°♋	
desc. node	-4272 Jul 18 j 03:57	12°♋31'53	
	-4272 Jul 31 j 20:52	0°♌	
evening max el	-4272 Aug 03 j 06:51	2°♌29'48	25°34'14
retrograde	-4272 Aug 15 j 10:00	9°♌29'55	
evening set	-4272 Aug 21 j 10:42	6°♌55'53	
min. Earth dist.	-4272 Aug 25 j 19:39	2°♌03'36	0.66764 AU
inferior conj	-4272 Aug 26 j 22:02	0°♌38'30	-1°-49'-31
minimum elong	-4272 Aug 27 j 00:31	0°♌30'27	1°48'24
	-4272 Aug 27 j 10:00	30°℞♋	
asc. node	-4272 Sep 01 j 11:41	24°♋44'01	
morning rise	-4272 Sep 01 j 14:56	24°♋38'43	
direct	-4272 Sep 04 j 22:39	23°♋34'49	
morning max el	-4272 Sep 12 j 04:22	27°♋43'25	19°28'02
	-4272 Sep 14 j 05:45	0°♌	
greatest brilliancy	-4272 Sep 21 j 12:23	9°♌50'55	-0.7m
	-4272 Oct 04 j 16:17	0°♍	
morning set	-4272 Oct 06 j 03:48	2°♍18'20	
desc. node	-4272 Oct 14 j 03:36	14°♍48'03	
max. Earth dist.	-4272 Oct 19 j 16:43	23°♍32'37	1.44428 AU
superior conj	-4272 Oct 22 j 21:55	28°♍39'30	0°-53'-38
minimum elong	-4272 Oct 22 j 15:48	28°♍15'05	0°52'54
	-4272 Oct 23 j 18:04	0°♎	
evening rise	-4272 Nov 06 j 09:16	22°♎16'19	
	-4272 Nov 11 j 00:30	0°♏	
evening max el	-4272 Nov 25 j 12:34	21°♏24'37	18°26'58
asc. node	-4272 Nov 28 j 10:31	23°♏51'08	
retrograde	-4272 Dec 02 j 03:00	25°♏03'11	
evening set	-4272 Dec 05 j 00:11	24°♏17'41	
inferior conj	-4272 Dec 11 j 01:57	18°♏43'53	3°29'08
minimum elong	-4272 Dec 10 j 22:54	18°♏52'39	3°28'22
min. Earth dist.	-4272 Dec 13 j 04:07	16°♏19'45	0.64213 AU
morning rise	-4272 Dec 16 j 20:17	12°♏40'36	
direct	-4272 Dec 23 j 17:50	9°♏51'01	
morning max el	-4271 Jan 06 j 05:41	17°♏32'45	27°23'41
desc. node	-4271 Jan 10 j 03:27	21°♏43'48	
	-4271 Jan 16 j 17:42	0°♐	
	-4271 Feb 04 j 14:24	0°♑	
morning set	-4271 Feb 10 j 06:35	10°♑44'46	
max. Earth dist.	-4271 Feb 15 j 06:18	20°♑49'58	1.33716 AU
superior conj	-4271 Feb 18 j 05:52	27°♑05'42	-1°00'-8
minimum elong	-4271 Feb 18 j 08:24	27°♑19'06	0°59'54
	-4271 Feb 19 j 14:39	0°♒	
asc. node	-4271 Feb 24 j 09:43	10°♒13'23	
evening rise	-4271 Feb 25 j 12:44	12°♒35'27	
	-4271 Mar 06 j 12:35	0°♓	
evening max el	-4271 Mar 19 j 02:26	17°♓02'26	22°23'51
retrograde	-4271 Mar 31 j 23:42	23°♓19'22	
evening set	-4271 Apr 03 j 23:50	22°♓59'28	
desc. node	-4271 Apr 08 j 02:22	21°♓35'03	
min. Earth dist.	-4271 Apr 12 j 10:37	19°♓18'33	0.55352 AU
inferior conj	-4271 Apr 13 j 07:27	18°♓48'56	-1°-25'-8
minimum elong	-4271 Apr 13 j 03:40	18°♓54'19	1°23'58
morning rise	-4271 Apr 22 j 09:29	14°♓51'38	
direct	-4271 Apr 25 j 00:19	14°♓35'57	
morning max el	-4271 May 06 j 14:09	20°♓01'49	21°06'16
	-4271 May 14 j 16:12	0°♈	
asc. node	-4271 May 23 j 09:24	15°♈27'23	
morning set	-4271 May 26 j 05:07	21°♈09'27	
	-4271 May 30 j 11:14	0°♉	
superior conj	-4271 Jun 02 j 18:20	6°♉50'35	1°29'21
minimum elong	-4271 Jun 02 j 15:40	6°♉36'54	1°29'09
max. Earth dist.	-4271 Jun 06 j 21:11	15°♉11'18	1.35457 AU
evening rise	-4271 Jun 11 j 07:17	23°♉45'32	
	-4271 Jun 14 j 16:17	0°♊	
	-4271 Jul 03 j 10:43	0°♋	
desc. node	-4271 Jul 05 j 01:03	2°♋11'06	
evening max el	-4271 Jul 16 j 17:47	15°♋58'54	26°35'07
retrograde	-4271 Jul 29 j 15:15	23°♋16'04	
evening set	-4271 Aug 05 j 05:29	20°♋30'57	
min. Earth dist.	-4271 Aug 09 j 06:19	16°♋17'21	0.65918 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-4271 Aug 10 j 21:14	14°♋19'32	-2°-38'-14
minimum elong	-4271 Aug 11 j 00:36	14°♋09'18	2°36'57
morning rise	-4271 Aug 16 j 20:44	8°♋32'02	
asc. node	-4271 Aug 19 j 08:46	7°♋43'09	
direct	-4271 Aug 19 j 20:15	7°♋41'51	
morning max el	-4271 Aug 26 j 14:09	11°♋27'14	18°40'34
	-4271 Sep 08 j 18:08	0°♌	
morning set	-4271 Sep 16 j 03:39	11°♌52'06	
	-4271 Sep 27 j 12:40	0°♍	
desc. node	-4271 Oct 01 j 00:33	5°♍31'02	
superior conj	-4271 Oct 01 j 22:25	6°♍57'14	0°-5'-46
minimum elong	-4271 Oct 01 j 21:40	6°♍54'17	0°05'36
behind sun begin	-4271 Oct 01 j 10:51	6°♍11'40	
behind sun end	-4271 Oct 02 j 08:29	7°♍36'53	
max. Earth dist.	-4271 Oct 02 j 10:09	7°♍43'27	1.44820 AU
	-4271 Oct 16 j 12:23	0°♎	
evening rise	-4271 Oct 18 j 02:06	2°♎30'05	
	-4271 Nov 04 j 22:34	0°♏	
evening max el	-4271 Nov 08 j 23:15	4°♏50'22	19°01'56
asc. node	-4271 Nov 15 j 07:36	8°♏45'34	
retrograde	-4271 Nov 15 j 21:32	8°♏47'28	
evening set	-4271 Nov 19 j 00:44	7°♏50'49	
inferior conj	-4271 Nov 24 j 19:40	2°♏01'02	2°52'18
minimum elong	-4271 Nov 24 j 16:31	2°♏10'52	2°51'18
	-4271 Nov 26 j 10:33	30°℞♎	
min. Earth dist.	-4271 Nov 26 j 07:39	0°♏08'54	0.65512 AU
morning rise	-4271 Nov 30 j 07:20	25°♎50'17	
direct	-4271 Dec 06 j 18:31	23°♎03'22	
	-4271 Dec 19 j 01:40	0°♏	
morning max el	-4271 Dec 19 j 15:29	0°♏34'01	26°34'45
desc. node	-4271 Dec 28 j 00:26	10°♏13'00	
	-4270 Jan 10 j 17:10	0°♐	
morning set	-4270 Jan 24 j 14:05	24°♐07'20	
	-4270 Jan 27 j 15:22	0°♑	
max. Earth dist.	-4270 Jan 28 j 21:16	2°♑27'25	1.34899 AU
superior conj	-4270 Feb 02 j 06:25	11°♑19'53	-1°-21'-53
minimum elong	-4270 Feb 02 j 09:29	11°♑35'41	1°21'40
evening rise	-4270 Feb 09 j 21:36	27°♑13'40	
asc. node	-4270 Feb 11 j 06:45	0°♒03'35	
	-4270 Feb 11 j 06:03	0°♒	
evening max el	-4270 Mar 01 j 03:29	28°♒08'00	20°57'02
	-4270 Mar 03 j 07:26	0°♓	
retrograde	-4270 Mar 12 j 13:27	3°♓34'28	
evening set	-4270 Mar 14 j 23:24	3°♓20'47	
	-4270 Mar 23 j 00:43	30°℞♒	
inferior conj	-4270 Mar 24 j 02:50	29°♒22'50	0°30'48
minimum elong	-4270 Mar 24 j 04:14	29°♒20'50	0°30'12
min. Earth dist.	-4270 Mar 25 j 00:58	28°♒51'13	0.55241 AU
desc. node	-4270 Mar 25 j 23:29	28°♒19'23	
morning rise	-4270 Apr 02 j 07:55	25°♒11'56	
direct	-4270 Apr 05 j 12:23	24°♒49'48	
	-4270 Apr 17 j 07:06	0°♓	
morning max el	-4270 Apr 18 j 13:34	1°♓08'41	22°38'30
	-4270 May 07 j 16:17	0°♈	
asc. node	-4270 May 10 j 06:25	5°♈16'35	
morning set	-4270 May 10 j 15:43	6°♈04'56	
superior conj	-4270 May 17 j 21:49	21°♈28'00	1°11'43
minimum elong	-4270 May 17 j 19:13	21°♈14'13	1°11'22
max. Earth dist.	-4270 May 20 j 16:59	27°♈20'21	1.34206 AU
	-4270 May 21 j 23:56	0°♉	
evening rise	-4270 May 25 j 18:36	7°♉34'57	
	-4270 Jun 07 j 05:38	0°♊	
desc. node	-4270 Jun 21 j 22:08	21°♊13'45	
evening max el	-4270 Jun 29 j 05:04	29°♊18'46	27°14'16
	-4270 Jun 29 j 22:29	0°♋	
retrograde	-4270 Jul 12 j 15:16	6°♋42'44	
evening set	-4270 Jul 19 j 15:13	3°♋56'27	
min. Earth dist.	-4270 Jul 23 j 09:15	0°♋20'19	0.64696 AU
	-4270 Jul 23 j 16:41	30°℞♊	
inferior conj	-4270 Jul 25 j 13:51	27°♊54'06	-3°-21'-18
minimum elong	-4270 Jul 25 j 17:35	27°♊43'43	3°20'11
morning rise	-4270 Jul 31 j 21:26	22°♊21'58	
direct	-4270 Aug 03 j 15:08	21°♊42'15	
asc. node	-4270 Aug 06 j 05:52	22°♊18'10	
morning max el	-4270 Aug 10 j 03:43	25°♊12'50	18°09'49
	-4270 Aug 14 j 02:58	0°♋	
morning set	-4270 Aug 28 j 06:51	22°♋44'25	
	-4270 Sep 01 j 15:10	0°♌	
superior conj	-4270 Sep 11 j 03:48	15°♌33'09	0°41'55
minimum elong	-4270 Sep 11 j 08:31	15°♌52'03	0°41'27
max. Earth dist.	-4270 Sep 15 j 03:37	21°♌55'16	1.44489 AU
desc. node	-4270 Sep 17 j 21:30	26°♌15'30	
	-4270 Sep 20 j 06:40	0°♍	
evening rise	-4270 Sep 27 j 19:01	11°♍42'30	
	-4270 Oct 09 j 17:00	0°♎	
greatest brilliancy	-4270 Oct 15 j 15:15	8°♎42'12	-0.6m
evening max el	-4270 Oct 23 j 05:49	18°♎17'18	19°52'59
retrograde	-4270 Oct 30 j 18:24	22°♎40'46	
asc. node	-4270 Nov 02 j 04:44	22°♎06'26	
evening set	-4270 Nov 03 j 05:52	21°♎30'15	
inferior conj	-4270 Nov 08 j 19:44	15°♎27'44	2°07'58
minimum elong	-4270 Nov 08 j 17:05	15°♎36'28	2°06'59
min. Earth dist.	-4270 Nov 09 j 18:52	14°♎11'24	0.66460 AU
morning rise	-4270 Nov 14 j 03:39	9°♎12'17	
direct	-4270 Nov 20 j 00:56	6°♎38'29	
morning max el	-4270 Dec 02 j 00:26	13°♎44'29	25°23'47
desc. node	-4270 Dec 14 j 21:25	29°♎26'37	
	-4270 Dec 15 j 07:03	0°♏	
	-4269 Jan 03 j 11:49	0°♐	
morning set	-4269 Jan 07 j 05:09	6°♐35'22	
max. Earth dist.	-4269 Jan 11 j 00:36	13°♐36'51	1.36526 AU
superior conj	-4269 Jan 16 j 22:25	25°♐03'11	-1°-39'-43
minimum elong	-4269 Jan 17 j 01:19	25°♐17'38	1°39'40
	-4269 Jan 19 j 09:40	0°♑	
evening rise	-4269 Jan 25 j 02:09	11°♑32'25	
asc. node	-4269 Jan 29 j 03:47	19°♑35'17	
	-4269 Feb 04 j 00:30	0°♒	
evening max el	-4269 Feb 11 j 14:54	9°♒47'36	19°45'30
retrograde	-4269 Feb 21 j 08:06	14°♒23'53	
evening set	-4269 Feb 23 j 15:57	14°♒09'16	
inferior conj	-4269 Mar 04 j 05:25	10°♒06'39	2°15'09
minimum elong	-4269 Mar 04 j 10:16	9°♒59'03	2°13'36
min. Earth dist.	-4269 Mar 06 j 15:24	8°♒36'08	0.56048 AU
desc. node	-4269 Mar 12 j 20:37	5°♒32'39	
morning rise	-4269 Mar 13 j 01:16	5°♒28'57	
direct	-4269 Mar 17 j 07:43	4°♒48'16	
morning max el	-4269 Mar 31 j 05:46	11°♒47'46	24°17'32
	-4269 Apr 14 j 00:59	0°♓	
morning set	-4269 Apr 25 j 03:53	21°♓07'02	
asc. node	-4269 Apr 27 j 03:26	25°♓18'58	
	-4269 Apr 29 j 07:41	0°♈	
superior conj	-4269 May 02 j 06:01	6°♈20'33	0°50'48
minimum elong	-4269 May 02 j 03:58	6°♈09'25	0°50'26
max. Earth dist.	-4269 May 03 j 22:05	9°♈56'03	1.33320 AU
evening rise	-4269 May 09 j 16:05	21°♈56'16	
	-4269 May 13 j 18:36	0°♉	
	-4269 Jun 01 j 03:07	0°♊	
desc. node	-4269 Jun 08 j 19:15	9°♊24'32	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4269 Jun 11 j 15:00	12°♊17'38	27°25'04
retrograde	-4269 Jun 25 j 09:09	19°♊41'39	
evening set	-4269 Jul 02 j 12:31	17°♊07'07	
min. Earth dist.	-4269 Jul 06 j 02:49	14°♊02'32	0.63106 AU
inferior conj	-4269 Jul 08 j 21:11	11°♊16'52	-3°-55'-17
minimum elong	-4269 Jul 09 j 00:22	11°♊08'52	3°54'36
morning rise	-4269 Jul 15 j 14:20	6°♊03'13	
direct	-4269 Jul 18 j 04:25	5°♊31'19	
asc. node	-4269 Jul 24 j 02:58	8°♊18'30	
morning max el	-4269 Jul 24 j 18:34	8°♊55'27	17°56'54
	-4269 Aug 07 j 17:08	0°♋	
morning set	-4269 Aug 10 j 10:13	4°♋46'08	
superior conj	-4269 Aug 22 j 08:17	25°♋18'26	1°18'28
minimum elong	-4269 Aug 22 j 13:58	25°♋42'13	1°18'05
	-4269 Aug 25 j 04:11	0°♌	
max. Earth dist.	-4269 Aug 28 j 18:34	5°♌51'56	1.43486 AU
desc. node	-4269 Sep 04 j 18:28	16°♌58'41	
evening rise	-4269 Sep 06 j 23:09	20°♌23'45	
	-4269 Sep 13 j 05:30	0°♍	
greatest brilliancy	-4269 Sep 30 j 16:06	25°♍07'18	-0.5m
	-4269 Oct 04 j 16:07	0°♎	
evening max el	-4269 Oct 06 j 06:39	1°♎43'47	20°57'46
retrograde	-4269 Oct 14 j 15:24	6°♎40'34	
evening set	-4269 Oct 18 j 13:25	5°♎13'24	
asc. node	-4269 Oct 20 j 01:53	3°♎52'47	
	-4269 Oct 23 j 06:37	30°℞♍	
inferior conj	-4269 Oct 23 j 23:51	29°♍01'23	1°18'42
minimum elong	-4269 Oct 23 j 22:07	29°♍07'20	1°18'00
min. Earth dist.	-4269 Oct 24 j 11:31	28°♍21'35	0.67076 AU
morning rise	-4269 Oct 29 j 06:24	22°♍43'58	
direct	-4269 Nov 03 j 12:22	20°♍29'34	
morning max el	-4269 Nov 14 j 09:11	26°♍58'39	24°00'29
	-4269 Nov 17 j 04:46	0°♎	
desc. node	-4269 Dec 01 j 18:24	19°♎11'51	
	-4269 Dec 08 j 22:52	0°♏	
morning set	-4269 Dec 19 j 21:49	17°♏52'51	
max. Earth dist.	-4269 Dec 23 j 21:10	24°♏49'25	1.38490 AU
	-4269 Dec 26 j 18:00	0°♐	
superior conj	-4269 Dec 31 j 02:11	8°♐05'35	-1°-51'-22
minimum elong	-4269 Dec 31 j 03:51	8°♐13'32	1°51'29
evening rise	-4268 Jan 09 j 00:04	25°♐25'42	
	-4268 Jan 11 j 08:26	0°♑	
asc. node	-4268 Jan 16 j 00:50	8°♑42'10	
evening max el	-4268 Jan 25 j 12:18	22°♑01'51	18°52'57
retrograde	-4268 Feb 02 j 18:50	26°♑00'35	
evening set	-4268 Feb 05 j 04:49	25°♑41'36	
inferior conj	-4268 Feb 13 j 01:31	21°♑22'11	3°25'26
minimum elong	-4268 Feb 13 j 05:48	21°♑14'24	3°24'27
min. Earth dist.	-4268 Feb 16 j 06:58	19°♑03'05	0.57575 AU
morning rise	-4268 Feb 21 j 03:05	16°♑15'35	
direct	-4268 Feb 26 j 15:16	15°♑02'42	
desc. node	-4268 Feb 27 j 17:44	15°♑05'39	
morning max el	-4268 Mar 11 j 20:54	22°♑25'45	25°49'38
	-4268 Mar 18 j 13:39	0°♒	
	-4268 Apr 05 j 15:56	0°♓	
morning set	-4268 Apr 08 j 15:52	6°♓09'16	
asc. node	-4268 Apr 13 j 00:25	15°♓29'13	
superior conj	-4268 Apr 15 j 16:52	21°♓20'53	0°27'39
minimum elong	-4268 Apr 15 j 15:40	21°♓14'22	0°27'23
max. Earth dist.	-4268 Apr 16 j 09:17	22°♓50'25	1.32783 AU
	-4268 Apr 19 j 16:44	0°♈	
evening rise	-4268 Apr 22 j 20:26	6°♈38'12	
	-4268 May 05 j 08:13	0°♉	
evening max el	-4268 May 23 j 20:49	24°♉41'47	27°03'25
desc. node	-4268 May 25 j 16:23	26°♉20'58	
	-4268 May 30 j 18:40	0°♊	
retrograde	-4268 Jun 06 j 20:00	2°♊03'24	
evening set	-4268 Jun 13 j 17:17	29°♉54'20	
	-4268 Jun 13 j 13:33	30°℞♉	
min. Earth dist.	-4268 Jun 17 j 10:18	27°♉09'29	0.61210 AU
inferior conj	-4268 Jun 20 j 15:50	24°♉19'13	-4°-15'00
minimum elong	-4268 Jun 20 j 17:13	24°♉16'10	4°14'47
morning rise	-4268 Jun 27 j 20:03	19°♉26'48	
direct	-4268 Jun 30 j 08:18	19°♉00'51	
morning max el	-4268 Jul 07 j 07:56	22°♉28'10	18°02'42
asc. node	-4268 Jul 10 j 00:02	25°♉27'52	
	-4268 Jul 13 j 05:13	0°♊	
morning set	-4268 Jul 23 j 08:09	17°♊41'42	
	-4268 Jul 30 j 01:39	0°♋	
superior conj	-4268 Aug 02 j 16:24	6°♋26'06	1°40'19
minimum elong	-4268 Aug 02 j 19:54	6°♋41'28	1°40'18
max. Earth dist.	-4268 Aug 10 j 04:21	19°♋15'35	1.41941 AU
evening rise	-4268 Aug 16 j 10:09	29°♋25'28	
	-4268 Aug 16 j 18:50	0°♌	
desc. node	-4268 Aug 21 j 15:27	7°♌36'48	
	-4268 Sep 05 j 20:45	0°♍	
greatest brilliancy	-4268 Sep 13 j 07:32	9°♍48'01	-0.3m
evening max el	-4268 Sep 18 j 01:10	15°♍08'41	22°12'53
retrograde	-4268 Sep 27 j 10:49	20°♍43'49	
evening set	-4268 Oct 01 j 21:28	18°♍57'45	
asc. node	-4268 Oct 05 j 23:01	14°♍25'47	
inferior conj	-4268 Oct 07 j 06:03	12°♍39'37	0°26'29
minimum elong	-4268 Oct 07 j 05:26	12°♍41'45	0°26'17
min. Earth dist.	-4268 Oct 07 j 07:11	12°♍35'42	0.67377 AU
morning rise	-4268 Oct 12 j 13:15	6°♍23'05	
direct	-4268 Oct 17 j 04:04	4°♍30'20	
morning max el	-4268 Oct 26 j 20:20	10°♍16'14	22°34'15
greatest brilliancy	-4268 Oct 31 j 13:16	15°♍34'17	-0.3m
	-4268 Nov 11 j 07:07	0°♎	
desc. node	-4268 Nov 17 j 15:21	9°♎19'11	
morning set	-4268 Nov 29 j 10:43	27°♎47'45	
	-4268 Nov 30 j 19:00	0°♏	
max. Earth dist.	-4268 Dec 04 j 18:38	6°♏39'31	1.40551 AU
superior conj	-4268 Dec 12 j 12:52	20°♏14'07	-1°-53'-44
minimum elong	-4268 Dec 12 j 11:54	20°♏09'48	1°53'53
	-4268 Dec 17 j 20:27	0°♐	
evening rise	-4268 Dec 22 j 12:24	8°♐46'22	
asc. node	-4267 Jan 01 j 21:53	27°♐16'12	
	-4267 Jan 03 j 18:19	0°♑	
evening max el	-4267 Jan 07 j 17:34	4°♑44'51	18°20'33
retrograde	-4267 Jan 15 j 00:16	8°♑21'35	
evening set	-4267 Jan 17 j 12:43	7°♑56'44	
inferior conj	-4267 Jan 24 j 18:09	3°♑16'03	3°58'43
minimum elong	-4267 Jan 24 j 19:44	3°♑12'43	3°58'24
min. Earth dist.	-4267 Jan 28 j 02:39	0°♑27'42	0.59493 AU
	-4267 Jan 28 j 16:43	30°℞♐	
morning rise	-4267 Jan 31 j 23:34	27°♐46'18	
direct	-4267 Feb 07 j 11:05	25°♐54'32	
desc. node	-4267 Feb 13 j 14:50	27°♐28'45	
	-4267 Feb 17 j 15:25	0°♑	
morning max el	-4267 Feb 21 j 16:36	3°♑30'21	26°59'46
	-4267 Mar 13 j 00:39	0°♒	
morning set	-4267 Mar 24 j 01:56	21°♒05'29	
	-4267 Mar 28 j 06:24	0°♓	
asc. node	-4267 Mar 30 j 21:22	5°♓43'14	
superior conj	-4267 Mar 31 j 04:39	6°♓23'03	0°03'11
minimum elong	-4267 Mar 31 j 04:31	6°♓22'18	0°03'04
behind sun begin	-4267 Mar 30 j 23:35	5°♓55'22	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

behind sun end	-4267 Mar 31 j 09:26	6°♓49'14	
max. Earth dist.	-4267 Mar 30 j 22:50	5°♓51'15	1.32580 AU
evening rise	-4267 Apr 07 j 05:12	21°♓32'22	
	-4267 Apr 11 j 09:10	0°♈	
	-4267 Apr 30 j 00:44	0°♉	
evening max el	-4267 May 05 j 20:28	6°♉23'55	26°09'45
desc. node	-4267 May 12 j 13:30	11°♉32'50	
retrograde	-4267 May 19 j 22:34	13°♉41'26	
evening set	-4267 May 26 j 01:42	12°♉08'28	
min. Earth dist.	-4267 May 30 j 09:11	9°♉26'29	0.59169 AU
inferior conj	-4267 Jun 02 j 18:10	6°♉52'07	-4°-12'-42
minimum elong	-4267 Jun 02 j 16:25	6°♉55'29	4°12'30
morning rise	-4267 Jun 10 j 10:57	2°♉22'02	
direct	-4267 Jun 12 j 22:18	2°♉00'54	
morning max el	-4267 Jun 20 j 16:59	5°♉43'21	18°28'08
asc. node	-4267 Jun 26 j 21:04	13°♉31'31	
	-4267 Jul 06 j 03:19	0°♊	
morning set	-4267 Jul 06 j 19:48	1°♊18'57	
superior conj	-4267 Jul 16 j 00:18	18°♊45'54	1°48'52
minimum elong	-4267 Jul 16 j 01:03	18°♊49'24	1°49'03
	-4267 Jul 22 j 05:53	0°♋	
max. Earth dist.	-4267 Jul 23 j 08:15	1°♋54'59	1.40068 AU
evening rise	-4267 Jul 27 j 19:43	9°♋32'06	
desc. node	-4267 Aug 08 j 12:26	28°♋06'06	
	-4267 Aug 09 j 18:45	0°♌	
evening max el	-4267 Aug 31 j 14:33	28°♌34'11	23°33'21
	-4267 Sep 02 j 02:15	0°♍	
retrograde	-4267 Sep 11 j 03:23	4°♍47'57	
evening set	-4267 Sep 16 j 04:16	2°♍42'06	
	-4267 Sep 18 j 18:19	30°℞♌	
min. Earth dist.	-4267 Sep 21 j 03:29	26°♌52'29	0.67381 AU
inferior conj	-4267 Sep 21 j 12:34	26°♌21'23	0°-26'-57
minimum elong	-4267 Sep 21 j 13:11	26°♌19'14	0°26'34
asc. node	-4267 Sep 22 j 20:10	24°♌34'31	
morning rise	-4267 Sep 26 j 22:13	20°♌08'41	
direct	-4267 Sep 30 j 23:18	18°♌36'55	
morning max el	-4267 Oct 09 j 12:53	23°♌40'16	21°12'56
	-4267 Oct 14 j 23:16	0°♍	
greatest brilliancy	-4267 Oct 14 j 23:45	0°♍01'33	-0.5m
desc. node	-4267 Nov 04 j 12:16	29°♍41'56	
	-4267 Nov 04 j 16:57	0°♎	
morning set	-4267 Nov 08 j 20:45	6°♎27'45	
max. Earth dist.	-4267 Nov 16 j 21:55	19°♎20'49	1.42431 AU
	-4267 Nov 23 j 07:16	0°♏	
superior conj	-4267 Nov 24 j 00:41	1°♏14'08	-1°-43'-9
minimum elong	-4267 Nov 23 j 20:05	0°♏54'33	1°42'58
evening rise	-4267 Dec 05 j 11:28	21°♏25'37	
	-4267 Dec 10 j 06:09	0°♐	
asc. node	-4267 Dec 19 j 18:58	15°♐06'26	
evening max el	-4267 Dec 22 j 03:55	17°♐47'53	18°08'07
retrograde	-4267 Dec 28 j 21:18	21°♐16'18	
evening set	-4267 Dec 31 j 12:22	20°♐44'32	
inferior conj	-4266 Jan 07 j 05:10	15°♐42'09	4°02'31
minimum elong	-4266 Jan 07 j 04:09	15°♐44'37	4°02'17
min. Earth dist.	-4266 Jan 10 j 05:31	12°♐48'07	0.61485 AU
morning rise	-4266 Jan 13 j 17:31	9°♐56'10	
direct	-4266 Jan 20 j 17:19	7°♐30'40	
desc. node	-4266 Jan 31 j 11:54	12°♐16'56	
morning max el	-4266 Feb 03 j 18:29	15°♐13'17	27°37'15
	-4266 Feb 15 j 20:34	0°♑	
	-4266 Mar 05 j 10:59	0°♒	
morning set	-4266 Mar 08 j 08:06	5°♒47'09	
max. Earth dist.	-4266 Mar 14 j 10:47	18°♒43'10	1.32719 AU
superior conj	-4266 Mar 15 j 15:39	21°♒19'55	0°-21'-51
minimum elong	-4266 Mar 15 j 16:38	21°♒25'16	0°21'48
asc. node	-4266 Mar 17 j 18:20	25°♒56'03	
	-4266 Mar 19 j 15:15	0°♓	
evening rise	-4266 Mar 22 j 16:16	6°♓30'11	
	-4266 Apr 04 j 03:57	0°♈	
evening max el	-4266 Apr 17 j 14:23	17°♈27'36	24°50'33
desc. node	-4266 Apr 29 j 10:38	24°♈22'47	
retrograde	-4266 May 01 j 14:42	24°♈33'45	
evening set	-4266 May 06 j 12:45	23°♈38'23	
min. Earth dist.	-4266 May 12 j 02:37	20°♈42'55	0.57262 AU
inferior conj	-4266 May 15 j 01:04	18°♈46'18	-3°-38'-21
minimum elong	-4266 May 14 j 20:04	18°♈54'38	3°37'24
morning rise	-4266 May 23 j 07:35	14°♈35'57	
direct	-4266 May 25 j 18:27	14°♈18'40	
morning max el	-4266 Jun 03 j 18:47	18°♈30'48	19°13'50
	-4266 Jun 12 j 10:15	0°♉	
asc. node	-4266 Jun 13 j 18:04	2°♉16'16	
morning set	-4266 Jun 20 j 17:19	15°♉27'45	
	-4266 Jun 28 j 01:15	0°♊	
superior conj	-4266 Jun 29 j 02:04	2°♊00'53	1°47'02
minimum elong	-4266 Jun 29 j 00:47	1°♊54'39	1°47'09
max. Earth dist.	-4266 Jul 05 j 09:35	13°♊55'19	1.38124 AU
evening rise	-4266 Jul 09 j 07:35	20°♊56'17	
	-4266 Jul 14 j 15:04	0°♋	
desc. node	-4266 Jul 26 j 09:27	18°♋21'44	
	-4266 Aug 03 j 18:17	0°♌	
evening max el	-4266 Aug 14 j 01:29	12°♌03'14	24°52'32
retrograde	-4266 Aug 25 j 16:04	18°♌49'34	
evening set	-4266 Aug 31 j 08:01	16°♌25'03	
min. Earth dist.	-4266 Sep 04 j 22:01	11°♌10'50	0.67078 AU
inferior conj	-4266 Sep 05 j 17:43	10°♌05'24	-1°-19'-55
minimum elong	-4266 Sep 05 j 19:34	9°♌59'15	1°19'01
asc. node	-4266 Sep 09 j 17:16	5°♌19'12	
morning rise	-4266 Sep 11 j 07:30	3°♌59'43	
direct	-4266 Sep 14 j 20:53	2°♌46'31	
morning max el	-4266 Sep 22 j 12:31	7°♌12'59	20°02'18
greatest brilliancy	-4266 Sep 29 j 21:34	16°♌21'02	-0.6m
	-4266 Oct 09 j 05:15	0°♍	
morning set	-4266 Oct 18 j 19:01	14°♍40'37	
desc. node	-4266 Oct 22 j 09:10	20°♍15'39	
	-4266 Oct 28 j 13:41	0°♎	
max. Earth dist.	-4266 Oct 30 j 08:21	2°♎49'51	1.43873 AU
superior conj	-4266 Nov 04 j 09:19	10°♎57'19	-1°-16'-25
minimum elong	-4266 Nov 04 j 02:25	10°♎29'17	1°15'44
	-4266 Nov 15 j 19:16	0°♏	
evening rise	-4266 Nov 17 j 16:53	3°♏15'05	
	-4266 Dec 04 j 16:35	0°♐	
evening max el	-4266 Dec 05 j 16:32	1°♐04'13	18°14'52
asc. node	-4266 Dec 06 j 16:04	2°♐00'19	
retrograde	-4266 Dec 12 j 05:40	4°♐35'56	
evening set	-4266 Dec 15 j 00:16	3°♐55'55	
	-4266 Dec 19 j 22:19	30°℞♏	
inferior conj	-4266 Dec 21 j 06:54	28°♏33'05	3°45'34
minimum elong	-4266 Dec 21 j 04:17	28°♏40'11	3°45'01
min. Earth dist.	-4266 Dec 23 j 17:40	25°♏53'54	0.63307 AU
morning rise	-4266 Dec 27 j 06:38	22°♏35'28	
direct	-4265 Jan 03 j 07:40	19°♏50'00	
morning max el	-4265 Jan 17 j 01:17	27°♏33'46	27°38'29
desc. node	-4265 Jan 18 j 08:56	28°♏54'09	
	-4265 Jan 19 j 09:39	0°♐	
	-4265 Feb 09 j 12:12	0°♑	
morning set	-4265 Feb 20 j 07:59	20°♑06'06	
	-4265 Feb 25 j 03:31	0°♒	
max. Earth dist.	-4265 Feb 25 j 17:20	1°♒12'56	1.33233 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4265 Feb 28 j 00:11	6°♒05'28	0°-46'-30
minimum elong	-4265 Feb 28 j 02:13	6°♒16'20	0°46'19
asc. node	-4265 Mar 04 j 15:19	16°♒03'39	
evening rise	-4265 Mar 07 j 03:51	21°♒25'19	
	-4265 Mar 11 j 08:46	0°♓	
evening max el	-4265 Mar 30 j 06:31	28°♓11'57	23°17'50
	-4265 Apr 01 j 06:59	0°♈	
retrograde	-4265 Apr 12 j 17:54	4°♈51'20	
evening set	-4265 Apr 16 j 08:29	4°♈22'51	
desc. node	-4265 Apr 16 j 07:46	4°♈23'18	
min. Earth dist.	-4265 Apr 23 j 17:30	1°♈02'18	0.55837 AU
	-4265 Apr 25 j 11:43	30°℞♓	
inferior conj	-4265 Apr 25 j 12:23	29°♓59'01	-2°-24'-20
minimum elong	-4265 Apr 25 j 06:50	0°♈07'15	2°22'45
morning rise	-4265 May 04 j 08:19	26°♓00'34	
direct	-4265 May 06 j 20:23	25°♓45'12	
	-4265 May 16 j 16:22	0°♈	
morning max el	-4265 May 17 j 10:48	0°♈41'23	20°19'44
asc. node	-4265 May 31 j 15:02	21°♈32'13	
morning set	-4265 Jun 04 j 21:43	0°♉00'14	
	-4265 Jun 04 j 21:40	0°♉	
superior conj	-4265 Jun 12 j 16:43	15°♉56'34	1°37'29
minimum elong	-4265 Jun 12 j 14:19	15°♉44'28	1°37'25
max. Earth dist.	-4265 Jun 17 j 14:59	25°♉41'27	1.36349 AU
	-4265 Jun 19 j 21:14	0°♊	
evening rise	-4265 Jun 21 j 18:04	3°♊28'41	
	-4265 Jul 07 j 14:10	0°♋	
desc. node	-4265 Jul 13 j 06:31	8°♋16'47	
evening max el	-4265 Jul 27 j 12:20	25°♋34'45	26°02'26
	-4265 Aug 01 j 18:23	0°♌	
retrograde	-4265 Aug 09 j 00:05	2°♌43'06	
evening set	-4265 Aug 15 j 06:43	0°♌03'46	
	-4265 Aug 15 j 08:28	30°℞♋	
min. Earth dist.	-4265 Aug 19 j 12:15	25°♋27'37	0.66446 AU
inferior conj	-4265 Aug 20 j 19:41	23°♋48'35	-2°-10'-44
minimum elong	-4265 Aug 20 j 22:36	23°♋39'25	2°09'31
morning rise	-4265 Aug 26 j 15:11	17°♋53'23	
asc. node	-4265 Aug 27 j 14:22	17°♋23'29	
direct	-4265 Aug 29 j 19:10	16°♋55'35	
morning max el	-4265 Sep 05 j 18:59	20°♋53'16	19°05'48
	-4265 Sep 12 j 22:56	0°♌	
morning set	-4265 Sep 28 j 04:54	23°♌32'46	
	-4265 Oct 02 j 07:17	0°♍	
desc. node	-4265 Oct 09 j 06:06	10°♍56'06	
max. Earth dist.	-4265 Oct 13 j 00:30	16°♍52'17	1.44687 AU
superior conj	-4265 Oct 14 j 17:21	19°♍33'39	0°-34'-9
minimum elong	-4265 Oct 14 j 13:02	19°♍16'36	0°33'33
	-4265 Oct 21 j 06:51	0°♎	
evening rise	-4265 Oct 29 j 23:58	14°♎05'17	
	-4265 Nov 08 j 18:52	0°♏	
evening max el	-4265 Nov 19 j 04:40	14°♏27'39	18°39'49
asc. node	-4265 Nov 23 j 13:11	17°♏42'35	
retrograde	-4265 Nov 25 j 21:26	18°♏12'38	
evening set	-4265 Nov 28 j 21:02	17°♏22'33	
inferior conj	-4265 Dec 04 j 19:40	11°♏41'39	3°14'36
minimum elong	-4265 Dec 04 j 16:29	11°♏51'10	3°13'42
min. Earth dist.	-4265 Dec 06 j 15:40	9°♏30'32	0.64815 AU
morning rise	-4265 Dec 10 j 10:47	5°♏35'11	
direct	-4265 Dec 17 j 04:41	2°♏45'12	
morning max el	-4265 Dec 30 j 10:36	10°♏22'51	27°06'06
desc. node	-4264 Jan 05 j 05:56	16°♏48'56	
	-4264 Jan 15 j 00:43	0°♐	
	-4264 Feb 01 j 21:59	0°♑	
morning set	-4264 Feb 03 j 22:33	3°♑52'08	
max. Earth dist.	-4264 Feb 08 j 14:51	13°♑10'28	1.34164 AU
superior conj	-4264 Feb 12 j 04:19	20°♑32'56	-1°-9'-43
minimum elong	-4264 Feb 12 j 07:08	20°♑47'43	1°09'29
	-4264 Feb 16 j 15:36	0°♒	
evening rise	-4264 Feb 19 j 14:13	6°♒11'24	
asc. node	-4264 Feb 19 j 12:20	6°♒01'36	
	-4264 Mar 03 j 15:48	0°♓	
evening max el	-4264 Mar 11 j 02:47	9°♓03'03	21°45'30
retrograde	-4264 Mar 23 j 10:01	14°♓58'58	
evening set	-4264 Mar 26 j 02:34	14°♓42'47	
desc. node	-4264 Apr 02 j 04:54	11°♓53'43	
inferior conj	-4264 Apr 04 j 10:03	10°♓40'01	0°-36'-41
minimum elong	-4264 Apr 04 j 08:21	10°♓42'25	0°36'12
min. Earth dist.	-4264 Apr 04 j 07:28	10°♓43'40	0.55191 AU
morning rise	-4264 Apr 13 j 14:46	6°♓39'21	
direct	-4264 Apr 16 j 10:10	6°♓21'52	
morning max el	-4264 Apr 28 j 15:54	12°♓10'28	21°43'59
	-4264 May 11 j 15:23	0°♈	
asc. node	-4264 May 17 j 12:02	11°♈11'40	
morning set	-4264 May 19 j 06:42	14°♈50'01	
superior conj	-4264 May 26 j 16:27	0°♉22'08	1°22'21
minimum elong	-4264 May 26 j 13:44	0°♉08'01	1°22'05
	-4264 May 26 j 12:12	0°♉	
max. Earth dist.	-4264 May 30 j 05:29	7°♉39'53	1.34885 AU
evening rise	-4264 Jun 03 j 21:48	16°♉54'45	
	-4264 Jun 11 j 01:05	0°♊	
desc. node	-4264 Jun 29 j 03:36	27°♊42'26	
	-4264 Jun 30 j 22:32	0°♋	
evening max el	-4264 Jul 08 j 23:46	9°♋02'24	26°54'49
retrograde	-4264 Jul 22 j 02:57	16°♋22'32	
evening set	-4264 Jul 28 j 22:02	13°♋35'36	
min. Earth dist.	-4264 Aug 01 j 19:50	9°♋38'23	0.65454 AU
inferior conj	-4264 Aug 03 j 16:25	7°♋27'59	-2°-57'-20
minimum elong	-4264 Aug 03 j 20:02	7°♋17'25	2°56'05
morning rise	-4264 Aug 09 j 19:11	1°♋46'36	
direct	-4264 Aug 12 j 16:03	1°♋01'05	
asc. node	-4264 Aug 13 j 11:28	1°♋04'41	
morning max el	-4264 Aug 19 j 06:41	4°♋38'44	18°25'21
	-4264 Sep 05 j 10:29	0°♌	
morning set	-4264 Sep 07 j 16:28	3°♌40'52	
superior conj	-4264 Sep 22 j 16:59	27°♌50'40	0°15'18
minimum elong	-4264 Sep 22 j 18:57	27°♌58'27	0°15'09
behind sun begin	-4264 Sep 22 j 14:45	27°♌41'52	
behind sun end	-4264 Sep 22 j 23:08	28°♌15'03	
	-4264 Sep 24 j 01:42	0°♍	
max. Earth dist.	-4264 Sep 24 j 18:57	1°♍08'06	1.44776 AU
desc. node	-4264 Sep 25 j 03:05	1°♍40'10	
evening rise	-4264 Oct 09 j 06:07	23°♍51'52	
	-4264 Oct 13 j 03:56	0°♎	
greatest brilliancy	-4264 Oct 22 j 19:40	14°♎56'25	-0.7m
evening max el	-4264 Nov 01 j 13:51	27°♎54'02	19°21'46
	-4264 Nov 03 j 21:00	0°♏	
retrograde	-4264 Nov 08 j 17:18	2°♏01'18	
asc. node	-4264 Nov 09 j 10:19	1°♏58'24	
evening set	-4264 Nov 11 j 23:50	0°♏58'52	
	-4264 Nov 13 j 07:11	30°℞♎	
inferior conj	-4264 Nov 17 j 16:23	25°♎03'01	2°34'13
minimum elong	-4264 Nov 17 j 13:23	25°♎12'37	2°33'11
min. Earth dist.	-4264 Nov 18 j 22:36	23°♎26'16	0.65962 AU
morning rise	-4264 Nov 23 j 02:09	18°♎50'05	
direct	-4264 Nov 29 j 07:39	16°♎08'02	
morning max el	-4264 Dec 11 j 20:13	23°♎29'17	26°06'43
	-4264 Dec 17 j 16:34	0°♏	
desc. node	-4264 Dec 22 j 02:57	5°♏38'42	
	-4263 Jan 07 j 08:56	0°♐	
morning set	-4263 Jan 16 j 23:43	16°♐52'57	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4263 Jan 21 j 00:58	24°♐34'46	1.35542 AU	
	-4263 Jan 23 j 19:03	0°♑		
superior conj	-4263 Jan 26 j 01:36	4°♑34'42	-1°-30'-4	
minimum elong	-4263 Jan 26 j 04:42	4°♑50'29	1°29'54	
evening rise	-4263 Feb 02 j 21:32	20°♑42'07		
asc. node	-4263 Feb 05 j 09:23	25°♑44'37		
	-4263 Feb 07 j 13:41	0°♒		
evening max el	-4263 Feb 21 j 07:57	20°♒21'27	20°24'24	
retrograde	-4263 Mar 04 j 00:30	25°♒26'08		
evening set	-4263 Mar 06 j 08:34	25°♒12'36		
inferior conj	-4263 Mar 15 j 06:45	21°♒14'11	1°18'18	
minimum elong	-4263 Mar 15 j 10:05	21°♒09'16	1°17'05	
min. Earth dist.	-4263 Mar 16 j 21:30	20°♒17'11	0.55472 AU	
desc. node	-4263 Mar 20 j 02:02	18°♒32'39		
morning rise	-4263 Mar 24 j 09:27	16°♒53'19		
direct	-4263 Mar 27 j 23:36	16°♒25'14		
morning max el	-4263 Apr 10 j 11:40	23°♒02'56	23°20'41	
	-4263 Apr 16 j 15:10	0°♓		
morning set	-4263 May 03 j 18:13	29°♓49'30		
	-4263 May 03 j 20:14	0°♈		
asc. node	-4263 May 04 j 09:03	1°♈07'14		
superior conj	-4263 May 10 j 22:14	15°♈07'10	1°03'11	
minimum elong	-4263 May 10 j 19:49	14°♈54'14	1°02'50	
max. Earth dist.	-4263 May 13 j 05:36	20°♈01'06	1.33781 AU	
	-4263 May 18 j 02:02	0°♉		
evening rise	-4263 May 18 j 13:53	0°♉59'06		
	-4263 Jun 04 j 00:25	0°♊		
desc. node	-4263 Jun 16 j 00:42	16°♊25'26		
evening max el	-4263 Jun 21 j 10:35	22°♊14'29	27°22'29	
retrograde	-4263 Jul 05 j 00:23	29°♊39'04		
evening set	-4263 Jul 12 j 02:57	26°♊55'43		
min. Earth dist.	-4263 Jul 15 j 18:45	23°♊34'24	0.64072 AU	
inferior conj	-4263 Jul 18 j 05:27	20°♊58'17	-3°-37'-3	
minimum elong	-4263 Jul 18 j 09:05	20°♊48'35	3°36'06	
morning rise	-4263 Jul 24 j 16:58	15°♊33'58		
direct	-4263 Jul 27 j 08:55	14°♊57'52		
asc. node	-4263 Jul 31 j 08:34	16°♊18'00		
morning max el	-4263 Aug 02 j 21:12	18°♊24'18	18°02'05	
	-4263 Aug 11 j 08:19	0°♋		
morning set	-4263 Aug 20 j 06:34	15°♋04'28		
	-4263 Aug 29 j 02:29	0°♌		
superior conj	-4263 Sep 02 j 06:48	6°♌52'31	0°59'10	
minimum elong	-4263 Sep 02 j 12:30	7°♌15'42	0°58'39	
max. Earth dist.	-4263 Sep 07 j 11:45	15°♌15'58	1.44140 AU	
desc. node	-4263 Sep 12 j 00:03	22°♌24'32		
	-4263 Sep 16 j 20:45	0°♍		
evening rise	-4263 Sep 18 j 15:35	2°♍45'49		
	-4263 Oct 06 j 18:55	0°♎		
greatest brilliancy	-4263 Oct 09 j 03:10	3°♎15'20	-0.6m	
evening max el	-4263 Oct 15 j 18:01	11°♎20'41	20°18'59	
retrograde	-4263 Oct 23 j 14:38	15°♎58'02		
evening set	-4263 Oct 27 j 06:16	14°♎40'43		
asc. node	-4263 Oct 27 j 07:27	14°♎38'37		
inferior conj	-4263 Nov 01 j 18:28	8°♎33'27	1°47'33	
minimum elong	-4263 Nov 01 j 16:10	8°♎41'11	1°46'39	
min. Earth dist.	-4263 Nov 02 j 12:31	7°♎32'49	0.66756 AU	
morning rise	-4263 Nov 07 j 01:30	2°♎16'40		
	-4263 Nov 11 j 05:19	30°℞♍		
direct	-4263 Nov 12 j 16:11	29°♍50'48		
	-4263 Nov 14 j 04:17	0°♎		
morning max el	-4263 Nov 24 j 05:08	6°♎42'56	24°49'20	
desc. node	-4263 Dec 08 j 23:58	25°♎07'22		
	-4263 Dec 12 j 09:01	0°♏		
morning set	-4263 Dec 30 j 06:06	28°♏53'43		
	-4263 Dec 30 j 21:03	0°♐		
max. Earth dist.	-4262 Jan 03 j 00:49	5°♐42'21	1.37326 AU	
superior conj	-4262 Jan 09 j 12:55	18°♐02'10	-1°-45'-35	
minimum elong	-4262 Jan 09 j 15:28	18°♐14'35	1°45'37	
	-4262 Jan 15 j 13:29	0°♑		
evening rise	-4262 Jan 17 j 23:38	4°♑51'20		
asc. node	-4262 Jan 23 j 06:26	15°♑07'03		
	-4262 Feb 01 j 20:17	0°♒		
evening max el	-4262 Feb 03 j 23:45	2°♒16'18	19°20'43	
retrograde	-4262 Feb 13 j 01:23	6°♒35'12		
evening set	-4262 Feb 15 j 09:41	6°♒19'09		
inferior conj	-4262 Feb 23 j 16:02	2°♒10'23	2°49'42	
minimum elong	-4262 Feb 23 j 21:05	2°♒01'59	2°48'17	
min. Earth dist.	-4262 Feb 26 j 12:29	0°♒17'12	0.56618 AU	
	-4262 Feb 26 j 23:18	30°℞♑		
morning rise	-4262 Mar 04 j 04:44	27°♑19'34		
desc. node	-4262 Mar 06 j 23:09	26°♑36'22		
direct	-4262 Mar 08 j 23:44	26°♑26'48		
	-4262 Mar 18 j 17:50	0°♒		
morning max el	-4262 Mar 23 j 02:51	3°♒38'56	24°58'32	
	-4262 Apr 10 j 17:55	0°♓		
morning set	-4262 Apr 18 j 06:30	14°♓52'21		
asc. node	-4262 Apr 21 j 06:02	21°♓13'31		
superior conj	-4262 Apr 25 j 07:48	0°♈03'57	0°41'13	
minimum elong	-4262 Apr 25 j 06:04	29°♓54'36	0°40'53	
	-4262 Apr 25 j 07:04	0°♈		
max. Earth dist.	-4262 Apr 26 j 13:29	2°♈44'47	1.33044 AU	
evening rise	-4262 May 02 j 14:36	15°♈30'06		
	-4262 May 10 j 02:39	0°♉		
	-4262 May 30 j 02:12	0°♊		
desc. node	-4262 Jun 02 j 21:48	4°♊07'39		
evening max el	-4262 Jun 03 j 18:52	4°♊59'09	27°19'51	
retrograde	-4262 Jun 17 j 15:42	12°♊23'15		
evening set	-4262 Jun 24 j 17:45	9°♊57'37		
min. Earth dist.	-4262 Jun 28 j 07:59	7°♊03'20	0.62329 AU	
inferior conj	-4262 Jul 01 j 07:47	4°♊13'09	-4°-5'-48	
minimum elong	-4262 Jul 01 j 10:23	4°♊06'57	4°05'21	
	-4262 Jul 06 j 11:23	30°℞♉		
morning rise	-4262 Jul 08 j 05:30	29°♉08'29		
direct	-4262 Jul 10 j 18:29	28°♉39'28		
	-4262 Jul 14 j 22:47	0°♊		
morning max el	-4262 Jul 17 j 11:48	2°♊03'51	17°57'00	
asc. node	-4262 Jul 18 j 05:38	2°♊49'31		
morning set	-4262 Aug 02 j 18:27	27°♊30'30		
	-4262 Aug 04 j 03:46	0°♋		
superior conj	-4262 Aug 13 j 23:12	17°♋13'25	1°29'31	
minimum elong	-4262 Aug 14 j 04:10	17°♋34'37	1°29'17	
max. Earth dist.	-4262 Aug 21 j 00:11	28°♋58'27	1.42882 AU	
	-4262 Aug 21 j 15:17	0°♌		
evening rise	-4262 Aug 28 j 20:02	11°♌28'31		
desc. node	-4262 Aug 29 j 21:00	13°♌05'54		
	-4262 Sep 10 j 00:26	0°♍		
greatest brilliancy	-4262 Sep 23 j 13:48	18°♍53'38	-0.4m	
evening max el	-4262 Sep 28 j 16:03	24°♍46'04	21°28'45	
retrograde	-4262 Oct 07 j 11:11	29°♍59'17		
evening set	-4262 Oct 11 j 14:13	28°♍24'29		
asc. node	-4262 Oct 14 j 04:35	25°♍49'23		
inferior conj	-4262 Oct 16 j 23:41	22°♍09'24	0°56'48	
minimum elong	-4262 Oct 16 j 22:24	22°♍13'50	0°56'18	
min. Earth dist.	-4262 Oct 17 j 06:50	21°♍44'46	0.67237 AU	
morning rise	-4262 Oct 22 j 06:15	15°♍51'44		
direct	-4262 Oct 27 j 05:38	13°♍46'18		
morning max el	-4262 Nov 06 j 14:27	19°♍58'04	23°23'33	
greatest brilliancy	-4262 Nov 12 j 07:00	26°♍25'15	-0.2m	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4262 Nov 15 j 02:38	0°♎	
desc. node	-4262 Nov 25 j 20:54	15°♎02'45	
	-4262 Dec 05 j 14:25	0°♏	
morning set	-4262 Dec 11 j 11:23	9°♏36'49	
max. Earth dist.	-4262 Dec 15 j 20:16	17°♏04'59	1.39367 AU
superior conj	-4262 Dec 23 j 10:00	0°♐43'00	-1°-53'-43
minimum elong	-4262 Dec 23 j 10:44	0°♐46'24	1°53'53
	-4262 Dec 23 j 00:44	0°♐	
evening rise	-4261 Jan 01 j 17:49	18°♐31'06	
	-4261 Jan 07 j 20:09	0°♑	
asc. node	-4261 Jan 10 j 03:29	4°♑00'58	
evening max el	-4261 Jan 18 j 00:51	14°♑43'46	18°36'45
retrograde	-4261 Jan 25 j 19:50	18°♑30'59	
evening set	-4261 Jan 28 j 06:54	18°♑09'41	
inferior conj	-4261 Feb 04 j 20:51	13°♑41'53	3°43'42
minimum elong	-4261 Feb 05 j 00:06	13°♑35'37	3°43'04
min. Earth dist.	-4261 Feb 08 j 05:36	11°♑07'14	0.58364 AU
morning rise	-4261 Feb 12 j 13:40	8°♑24'28	
direct	-4261 Feb 18 j 13:12	6°♑54'47	
desc. node	-4261 Feb 21 j 20:16	7°♑21'36	
morning max el	-4261 Mar 04 j 19:18	14°♑24'50	26°22'51
	-4261 Mar 17 j 06:24	0°♒	
morning set	-4261 Apr 02 j 17:50	29°♒52'08	
	-4261 Apr 02 j 19:20	0°♓	
asc. node	-4261 Apr 08 j 03:00	11°♓25'34	
superior conj	-4261 Apr 09 j 19:13	15°♓05'27	0°17'24
minimum elong	-4261 Apr 09 j 18:28	15°♓01'17	0°17'11
max. Earth dist.	-4261 Apr 10 j 01:55	15°♓42'07	1.32652 AU
evening rise	-4261 Apr 16 j 21:05	0°♈17'53	
	-4261 Apr 16 j 17:39	0°♈	
	-4261 May 03 j 07:01	0°♉	
evening max el	-4261 May 16 j 22:19	17°♉06'05	26°44'25
desc. node	-4261 May 20 j 18:54	20°♉23'42	
retrograde	-4261 May 30 j 23:27	24°♉26'31	
evening set	-4261 Jun 06 j 14:16	22°♉32'13	
min. Earth dist.	-4261 Jun 10 j 11:49	19°♉50'24	0.60338 AU
inferior conj	-4261 Jun 13 j 19:57	17°♉04'17	-4°-17'-22
minimum elong	-4261 Jun 13 j 20:08	17°♉03'53	4°17'14
morning rise	-4261 Jun 21 j 05:18	12°♉21'09	
direct	-4261 Jun 23 j 16:59	11°♉57'26	
morning max el	-4261 Jun 30 j 23:39	15°♉30'02	18°11'03
asc. node	-4261 Jul 05 j 02:40	20°♉23'36	
	-4261 Jul 11 j 02:17	0°♊	
morning set	-4261 Jul 16 j 22:49	10°♊45'33	
superior conj	-4261 Jul 26 j 18:08	28°♊53'44	1°45'24
minimum elong	-4261 Jul 26 j 20:26	29°♊04'03	1°45'30
	-4261 Jul 27 j 08:55	0°♋	
max. Earth dist.	-4261 Aug 03 j 07:10	12°♋03'29	1.41170 AU
evening rise	-4261 Aug 08 j 15:32	20°♋55'11	
	-4261 Aug 14 j 08:41	0°♌	
desc. node	-4261 Aug 16 j 17:58	3°♌41'05	
	-4261 Sep 04 j 06:23	0°♍	
greatest brilliancy	-4261 Sep 06 j 11:01	2°♍43'38	-0.3m
evening max el	-4261 Sep 11 j 08:18	8°♍11'56	22°46'51
retrograde	-4261 Sep 21 j 05:27	14°♍03'29	
evening set	-4261 Sep 25 j 21:56	12°♍09'15	
inferior conj	-4261 Oct 01 j 06:14	5°♍49'49	0°03'53
minimum elong	-4261 Oct 01 j 06:08	5°♍50'09	0°03'56
transit middle	-4261 Oct 01 j 06:08	5°♍50'09	0°03'56
transit begin	-4261 Oct 01 j 03:31	5°♍59'11	
transit end	-4261 Oct 01 j 08:46	5°♍41'06	
min. Earth dist.	-4261 Oct 01 j 03:07	6°♍00'34	0.67420 AU
asc. node	-4261 Oct 01 j 01:42	6°♍05'27	
	-4261 Oct 06 j 02:11	30°℞♌	

morning rise	-4261 Oct 06 j 14:16	29°♌34'26	
direct	-4261 Oct 10 j 23:08	27°♌50'33	
	-4261 Oct 16 j 09:52	0°♍	
morning max el	-4261 Oct 20 j 03:24	3°♍17'38	21°58'33
greatest brilliancy	-4261 Oct 24 j 23:46	8°♍48'53	-0.4m
	-4261 Nov 09 j 05:24	0°♎	
desc. node	-4261 Nov 12 j 17:50	5°♎17'28	
morning set	-4261 Nov 21 j 11:57	18°♎56'20	
max. Earth dist.	-4261 Nov 27 j 19:37	29°♎15'34	1.41398 AU
	-4261 Nov 28 j 06:15	0°♏	
superior conj	-4261 Dec 05 j 11:41	12°♏24'15	-1°-51'-4
minimum elong	-4261 Dec 05 j 09:13	12°♏13'27	1°51'07
	-4261 Dec 15 j 04:28	0°♐	
evening rise	-4261 Dec 16 j 00:56	1°♐34'44	
asc. node	-4261 Dec 28 j 00:33	22°♐17'31	
evening max el	-4260 Jan 01 j 08:40	27°♐36'15	18°12'51
	-4260 Jan 04 j 10:10	0°♑	
retrograde	-4260 Jan 08 j 08:15	1°♑07'28	
evening set	-4260 Jan 10 j 21:56	0°♑39'39	
	-4260 Jan 12 j 09:35	30°℞♐	
inferior conj	-4260 Jan 17 j 21:38	25°♐49'36	4°03'19
minimum elong	-4260 Jan 17 j 22:02	25°♐48'44	4°03'08
min. Earth dist.	-4260 Jan 21 j 03:42	22°♐56'09	0.60358 AU
morning rise	-4260 Jan 24 j 19:20	20°♐12'36	
direct	-4260 Jan 31 j 13:45	18°♐05'08	
desc. node	-4260 Feb 08 j 17:21	20°♐50'14	
morning max el	-4260 Feb 14 j 17:20	25°♐43'35	27°20'02
	-4260 Feb 18 j 17:25	0°♑	
	-4260 Mar 09 j 14:12	0°♒	
morning set	-4260 Mar 17 j 02:27	14°♒42'23	
max. Earth dist.	-4260 Mar 23 j 15:17	28°♒40'37	1.32599 AU
superior conj	-4260 Mar 24 j 06:50	0°♓05'35	0°-7'-26
minimum elong	-4260 Mar 24 j 07:11	0°♓07'26	0°07'30
behind sun begin	-4260 Mar 24 j 02:44	29°♒43'06	
behind sun end	-4260 Mar 24 j 11:38	0°♓31'46	
	-4260 Mar 24 j 05:49	0°♓	
asc. node	-4260 Mar 24 j 23:58	1°♓39'13	
evening rise	-4260 Mar 31 j 07:03	15°♓14'15	
	-4260 Apr 07 j 17:59	0°♈	
evening max el	-4260 Apr 27 j 19:30	28°♈30'51	25°38'40
	-4260 Apr 29 j 10:34	0°♉	
desc. node	-4260 May 06 j 16:02	4°♉39'39	
retrograde	-4260 May 11 j 21:31	5°♉44'01	
evening set	-4260 May 17 j 13:19	4°♉27'50	
min. Earth dist.	-4260 May 22 j 07:56	1°♉41'53	0.58320 AU
	-4260 May 24 j 17:04	30°℞♈	
inferior conj	-4260 May 25 j 14:18	29°♈21'28	-4°-2'-42
minimum elong	-4260 May 25 j 11:03	29°♈27'21	4°02'15
morning rise	-4260 Jun 02 j 12:45	25°♈00'03	
direct	-4260 Jun 05 j 00:01	24°♈40'33	
morning max el	-4260 Jun 13 j 05:51	28°♈33'49	18°45'06
	-4260 Jun 14 j 15:47	0°♉	
asc. node	-4260 Jun 20 j 23:40	8°♉45'42	
morning set	-4260 Jun 29 j 15:06	24°♉37'20	
	-4260 Jul 02 j 09:16	0°♊	
superior conj	-4260 Jul 08 j 10:18	11°♊38'32	1°49'12
minimum elong	-4260 Jul 08 j 10:04	11°♊37'30	1°49'23
max. Earth dist.	-4260 Jul 15 j 09:51	24°♊26'19	1.39235 AU
	-4260 Jul 18 j 14:17	0°♋	
evening rise	-4260 Jul 19 j 12:26	1°♋34'47	
desc. node	-4260 Aug 02 j 14:58	24°♋05'16	
	-4260 Aug 06 j 15:54	0°♌	
evening max el	-4260 Aug 23 j 20:27	21°♌39'14	24°07'37
retrograde	-4260 Sep 03 j 20:19	28°♌07'07	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-4260 Sep 09 j 03:40	25°♌53'01	
min. Earth dist.	-4260 Sep 13 j 22:52	20°♌18'19	0.67298 AU
inferior conj	-4260 Sep 14 j 12:23	19°♌32'35	0°-49'-32
minimum elong	-4260 Sep 14 j 13:32	19°♌28'40	0°48'56
asc. node	-4260 Sep 16 j 22:49	16°♌22'29	
morning rise	-4260 Sep 19 j 23:37	13°♌22'40	
direct	-4260 Sep 23 j 19:32	11°♌59'03	
morning max el	-4260 Oct 01 j 22:53	16°♌45'11	20°41'21
greatest brilliancy	-4260 Oct 08 j 01:43	24°♌02'43	-0.5m
	-4260 Oct 12 j 09:45	0°♍	
desc. node	-4260 Oct 29 j 14:47	25°♍45'32	
morning set	-4260 Oct 30 j 14:22	27°♍17'03	
	-4260 Nov 01 j 08:10	0°♎	
max. Earth dist.	-4260 Nov 09 j 02:41	12°♎21'09	1.43120 AU
superior conj	-4260 Nov 15 j 12:18	22°♎52'16	-1°-33'-53
minimum elong	-4260 Nov 15 j 06:20	22°♎27'24	1°33'29
	-4260 Nov 19 j 17:29	0°♏	
evening rise	-4260 Nov 27 j 17:05	13°♏54'14	
	-4260 Dec 07 j 00:18	0°♐	
asc. node	-4260 Dec 13 j 21:37	9°♐45'31	
evening max el	-4260 Dec 14 j 20:19	10°♐45'46	18°08'37
retrograde	-4260 Dec 21 j 10:47	14°♐14'19	
evening set	-4260 Dec 24 j 03:16	13°♐39'07	
inferior conj	-4260 Dec 30 j 15:25	8°♐27'27	3°57'24
minimum elong	-4260 Dec 30 j 13:35	8°♐32'06	3°57'03
min. Earth dist.	-4259 Jan 02 j 10:12	5°♐37'55	0.62293 AU
morning rise	-4259 Jan 05 j 21:53	2°♐36'05	
direct	-4259 Jan 12 j 23:18	0°♐00'37	
desc. node	-4259 Jan 25 j 14:25	6°♐29'25	
morning max el	-4259 Jan 26 j 21:42	7°♐43'46	27°42'16
	-4259 Feb 13 j 00:31	0°♑	
morning set	-4259 Mar 01 j 06:18	29°♑15'52	
	-4259 Mar 01 j 14:59	0°♒	
max. Earth dist.	-4259 Mar 07 j 01:42	11°♒26'17	1.32893 AU
superior conj	-4259 Mar 08 j 17:02	14°♒58'35	0°-32'-25
minimum elong	-4259 Mar 08 j 18:29	15°♒06'24	0°32'17
asc. node	-4259 Mar 11 j 20:57	21°♒50'34	
evening rise	-4259 Mar 15 j 18:36	0°♓12'12	
	-4259 Mar 15 j 16:17	0°♓	
	-4259 Apr 01 j 12:38	0°♈	
evening max el	-4259 Apr 09 j 11:56	9°♈23'10	24°11'53
retrograde	-4259 Apr 23 j 08:04	16°♈20'09	
desc. node	-4259 Apr 23 j 13:09	16°♈20'03	
evening set	-4259 Apr 27 j 16:40	15°♈37'44	
min. Earth dist.	-4259 May 03 j 23:39	12°♈33'13	0.56579 AU
inferior conj	-4259 May 06 j 12:38	10°♈57'47	-3°-11'-55
minimum elong	-4259 May 06 j 06:53	11°♈06'50	3°10'35
morning rise	-4259 May 15 j 01:07	6°♈54'11	
direct	-4259 May 17 j 12:17	6°♈37'58	
morning max el	-4259 May 27 j 03:47	11°♈06'38	19°39'31
asc. node	-4259 Jun 07 j 20:41	27°♈44'50	
	-4259 Jun 09 j 01:51	0°♉	
morning set	-4259 Jun 13 j 15:53	8°♉57'10	
superior conj	-4259 Jun 21 j 18:08	25°♉12'35	1°43'48
minimum elong	-4259 Jun 21 j 16:16	25°♉03'22	1°43'51
	-4259 Jun 24 j 04:56	0°♊	
max. Earth dist.	-4259 Jun 27 j 12:21	6°♊17'54	1.37336 AU
evening rise	-4259 Jul 01 j 10:32	13°♊29'11	
	-4259 Jul 11 j 03:59	0°♋	
desc. node	-4259 Jul 20 j 11:59	14°♋12'50	
	-4259 Aug 01 j 12:32	0°♌	
evening max el	-4259 Aug 06 j 07:00	5°♌08'53	25°23'47
retrograde	-4259 Aug 18 j 07:05	12°♌05'59	
evening set	-4259 Aug 24 j 05:34	9°♌34'10	

min. Earth dist.	-4259 Aug 28 j 15:46	4°♌36'10	0.66855 AU
inferior conj	-4259 Aug 29 j 16:24	3°♌16'01	-1°-41'-50
minimum elong	-4259 Aug 29 j 18:44	3°♌08'26	1°40'46
	-4259 Sep 01 j 07:43	30°♋	
asc. node	-4259 Sep 03 j 19:57	27°♋36'36	
morning rise	-4259 Sep 04 j 08:27	27°♋14'41	
direct	-4259 Sep 07 j 17:32	26°♋08'33	
	-4259 Sep 14 j 17:05	0°♌	
morning max el	-4259 Sep 15 j 01:40	0°♌21'35	19°36'28
greatest brilliancy	-4259 Sep 23 j 18:05	11°♌28'43	-0.7m
	-4259 Oct 05 j 23:27	0°♍	
morning set	-4259 Oct 09 j 14:58	5°♍39'38	
desc. node	-4259 Oct 16 j 11:42	16°♍22'28	
max. Earth dist.	-4259 Oct 22 j 16:06	26°♍07'16	1.44302 AU
	-4259 Oct 25 j 02:35	0°♎	
superior conj	-4259 Oct 26 j 09:24	2°♎03'19	-1°00'-5
minimum elong	-4259 Oct 26 j 02:53	1°♎37'13	0°59'20
evening rise	-4259 Nov 09 j 13:37	25°♎19'56	
	-4259 Nov 12 j 08:18	0°♏	
evening max el	-4259 Nov 28 j 09:00	24°♏05'23	18°23'15
asc. node	-4259 Nov 30 j 18:45	26°♏10'52	
retrograde	-4259 Dec 04 j 22:56	27°♏42'00	
evening set	-4259 Dec 07 j 19:21	26°♏58'03	
inferior conj	-4259 Dec 13 j 22:19	21°♏27'02	3°33'52
minimum elong	-4259 Dec 13 j 19:21	21°♏35'26	3°33'08
min. Earth dist.	-4259 Dec 16 j 02:44	18°♏58'32	0.63985 AU
morning rise	-4259 Dec 19 j 17:54	15°♏25'02	
direct	-4259 Dec 26 j 16:34	12°♏35'59	
morning max el	-4258 Jan 09 j 06:11	20°♏18'51	27°28'35
desc. node	-4258 Jan 12 j 11:28	23°♏43'05	
	-4258 Jan 17 j 15:58	0°♐	
	-4258 Feb 06 j 00:21	0°♑	
morning set	-4258 Feb 13 j 02:42	13°♑22'27	
max. Earth dist.	-4258 Feb 18 j 04:57	23°♑43'46	1.33574 AU
superior conj	-4258 Feb 20 j 23:57	29°♑37'07	0°-56'-37
minimum elong	-4258 Feb 21 j 02:22	29°♑49'56	0°56'22
	-4258 Feb 21 j 04:15	0°♒	
asc. node	-4258 Feb 26 j 17:57	11°♒54'29	
evening rise	-4258 Feb 28 j 05:53	15°♒04'04	
	-4258 Mar 07 j 19:49	0°♓	
evening max el	-4258 Mar 22 j 04:52	20°♓06'17	22°37'43
retrograde	-4258 Apr 04 j 06:26	26°♓29'47	
evening set	-4258 Apr 07 j 09:50	26°♓08'07	
desc. node	-4258 Apr 10 j 10:19	25°♓10'01	
min. Earth dist.	-4258 Apr 15 j 14:03	22°♓32'54	0.55451 AU
inferior conj	-4258 Apr 16 j 16:56	21°♓54'23	-1°-41'-40
minimum elong	-4258 Apr 16 j 12:33	22°♓00'41	1°40'19
morning rise	-4258 Apr 25 j 17:35	17°♓57'17	
direct	-4258 Apr 28 j 07:22	17°♓41'53	
morning max el	-4258 May 09 j 15:18	22°♓59'58	20°53'37
	-4258 May 15 j 15:43	0°♈	
asc. node	-4258 May 25 j 17:41	17°♈11'17	
morning set	-4258 May 28 j 22:29	23°♈37'17	
	-4258 Jun 01 j 00:30	0°♉	
superior conj	-4258 Jun 05 j 13:04	9°♉22'05	1°31'38
minimum elong	-4258 Jun 05 j 10:27	9°♉08'42	1°31'29
max. Earth dist.	-4258 Jun 09 j 20:48	18°♉04'19	1.35678 AU
evening rise	-4258 Jun 14 j 04:59	26°♉25'48	
	-4258 Jun 16 j 03:11	0°♊	
	-4258 Jul 04 j 13:19	0°♋	
desc. node	-4258 Jul 07 j 09:03	3°♋56'23	
evening max el	-4258 Jul 19 j 17:55	18°♋38'50	26°27'19
retrograde	-4258 Aug 01 j 13:11	25°♋54'18	
evening set	-4258 Aug 08 j 01:29	23°♋10'26	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4258 Aug 12 j 03:29	18°♋50'56	0.66063 AU
inferior conj	-4258 Aug 13 j 16:26	16°♋57'50	-2°-31'-10
minimum elong	-4258 Aug 13 j 19:42	16°♋47'49	2°29'54
morning rise	-4258 Aug 19 j 14:50	11°♋08'12	
asc. node	-4258 Aug 21 j 17:04	10°♋21'07	
direct	-4258 Aug 22 j 15:24	10°♋16'11	
morning max el	-4258 Aug 29 j 10:41	14°♋04'39	18°46'34
	-4258 Sep 10 j 00:10	0°♌	
morning set	-4258 Sep 19 j 10:56	15°♌01'49	
	-4258 Sep 28 j 20:58	0°♍	
desc. node	-4258 Oct 03 j 08:39	7°♍04'50	
superior conj	-4258 Oct 05 j 11:13	10°♍24'07	0°-13'-18
minimum elong	-4258 Oct 05 j 09:29	10°♍17'14	0°13'02
behind sun begin	-4258 Oct 05 j 02:30	9°♍49'45	
behind sun end	-4258 Oct 05 j 16:27	10°♍44'43	
max. Earth dist.	-4258 Oct 05 j 09:07	10°♍15'49	1.44806 AU
	-4258 Oct 17 j 20:22	0°♎	
evening rise	-4258 Oct 21 j 10:13	5°♎43'08	
	-4258 Nov 05 j 21:41	0°♏	
evening max el	-4258 Nov 11 j 20:11	7°♏30'45	18°55'41
asc. node	-4258 Nov 17 j 15:53	11°♏18'21	
retrograde	-4258 Nov 18 j 16:49	11°♏24'25	
evening set	-4258 Nov 21 j 19:01	10°♏29'34	
inferior conj	-4258 Nov 27 j 14:52	4°♏42'07	2°58'28
minimum elong	-4258 Nov 27 j 11:41	4°♏51'56	2°57'28
min. Earth dist.	-4258 Nov 29 j 04:56	2°♏44'49	0.65344 AU
	-4258 Dec 01 j 14:42	30°℞♎	
morning rise	-4258 Dec 03 j 03:19	28°♎32'24	
direct	-4258 Dec 09 j 16:26	25°♎44'11	
	-4258 Dec 19 j 01:08	0°♏	
morning max el	-4258 Dec 22 j 15:53	3°♏17'07	26°43'36
desc. node	-4258 Dec 30 j 08:30	12°♏03'56	
	-4257 Jan 11 j 23:34	0°♐	
morning set	-4257 Jan 27 j 12:10	26°♐51'13	
	-4257 Jan 29 j 03:27	0°♑	
max. Earth dist.	-4257 Jan 31 j 21:32	5°♑25'26	1.34695 AU
superior conj	-4257 Feb 05 j 01:31	13°♑54'45	-1°-18'-48
minimum elong	-4257 Feb 05 j 04:32	14°♑10'23	1°18'34
evening rise	-4257 Feb 12 j 15:12	29°♑44'06	
	-4257 Feb 12 j 18:16	0°♒	
asc. node	-4257 Feb 13 j 14:59	1°♒46'31	
	-4257 Mar 03 j 01:31	0°♓	
evening max el	-4257 Mar 04 j 04:35	1°♓07'15	21°09'08
retrograde	-4257 Mar 15 j 20:20	6°♓41'16	
evening set	-4257 Mar 18 j 07:30	6°♓27'13	
inferior conj	-4257 Mar 27 j 12:24	2°♓28'45	0°13'11
minimum elong	-4257 Mar 27 j 13:00	2°♓27'53	0°12'53
transit middle	-4257 Mar 27 j 13:00	2°♓27'53	0°12'53
transit begin	-4257 Mar 27 j 10:38	2°♓31'16	
transit end	-4257 Mar 27 j 15:23	2°♓24'31	
min. Earth dist.	-4257 Mar 28 j 04:19	2°♓06'10	0.55198 AU
desc. node	-4257 Mar 28 j 07:28	2°♓01'42	
	-4257 Apr 01 j 03:04	30°℞♒	
morning rise	-4257 Apr 05 j 17:46	28°♒20'56	
direct	-4257 Apr 08 j 19:32	28°♒00'16	
	-4257 Apr 16 j 01:27	0°♓	
morning max el	-4257 Apr 21 j 16:03	4°♓11'46	22°24'03
	-4257 May 09 j 03:28	0°♈	
asc. node	-4257 May 12 j 14:40	6°♈57'44	
morning set	-4257 May 13 j 08:43	8°♈31'10	
superior conj	-4257 May 20 j 15:39	23°♈56'24	1°14'37
minimum elong	-4257 May 20 j 13:00	23°♈42'26	1°14'19
max. Earth dist.	-4257 May 23 j 15:14	0°♉10'17	1.34370 AU
	-4257 May 23 j 13:15	0°♉	
evening rise	-4257 May 28 j 14:28	10°♉09'29	
	-4257 Jun 08 j 13:27	0°♊	
desc. node	-4257 Jun 24 j 06:08	23°♊05'23	
	-4257 Jun 30 j 05:16	0°♋	
evening max el	-4257 Jul 02 j 05:22	2°♋01'14	27°10'09
retrograde	-4257 Jul 15 j 13:56	9°♋24'17	
evening set	-4257 Jul 22 j 12:46	6°♋37'35	
min. Earth dist.	-4257 Jul 26 j 07:45	2°♋56'00	0.64904 AU
inferior conj	-4257 Jul 28 j 10:12	0°♋33'45	-3°-15'-17
minimum elong	-4257 Jul 28 j 13:56	0°♋23'14	3°14'08
	-4257 Jul 28 j 22:12	30°℞♊	
morning rise	-4257 Aug 03 j 16:29	24°♊59'01	
direct	-4257 Aug 06 j 10:56	24°♊17'52	
asc. node	-4257 Aug 08 j 14:10	24°♊42'08	
morning max el	-4257 Aug 12 j 23:49	27°♊50'03	18°13'14
	-4257 Aug 14 j 22:31	0°♋	
morning set	-4257 Aug 31 j 10:08	25°♋42'39	
	-4257 Sep 03 j 00:03	0°♌	
superior conj	-4257 Sep 14 j 14:21	18°♌52'42	0°35'14
minimum elong	-4257 Sep 14 j 18:30	19°♌09'14	0°34'51
max. Earth dist.	-4257 Sep 18 j 02:57	24°♌29'05	1.44587 AU
desc. node	-4257 Sep 20 j 05:35	27°♌48'58	
	-4257 Sep 21 j 14:53	0°♍	
evening rise	-4257 Oct 01 j 06:15	15°♍03'20	
	-4257 Oct 10 j 22:24	0°♎	
greatest brilliancy	-4257 Oct 18 j 02:49	10°♎43'09	-0.7m
evening max el	-4257 Oct 26 j 03:30	20°♎57'28	19°44'27
retrograde	-4257 Nov 02 j 13:28	25°♎16'20	
asc. node	-4257 Nov 04 j 13:02	24°♎53'32	
evening set	-4257 Nov 05 j 23:36	24°♎07'57	
inferior conj	-4257 Nov 11 j 14:07	18°♎07'07	2°15'03
minimum elong	-4257 Nov 11 j 11:22	18°♎16'08	2°14'02
min. Earth dist.	-4257 Nov 12 j 15:02	16°♎45'30	0.66345 AU
morning rise	-4257 Nov 16 j 22:26	11°♎52'20	
direct	-4257 Nov 22 j 21:59	9°♎16'09	
morning max el	-4257 Dec 05 j 00:55	16°♎26'16	25°35'22
	-4257 Dec 16 j 08:28	0°♏	
desc. node	-4257 Dec 17 j 05:30	1°♏11'33	
	-4256 Jan 04 j 21:24	0°♐	
morning set	-4256 Jan 10 j 06:01	9°♐28'02	
max. Earth dist.	-4256 Jan 14 j 02:30	16°♐37'39	1.36260 AU
superior conj	-4256 Jan 19 j 19:00	27°♐43'08	-1°-37'-22
minimum elong	-4256 Jan 19 j 22:00	27°♐58'06	1°37'17
	-4256 Jan 20 j 22:17	0°♑	
evening rise	-4256 Jan 27 j 20:32	14°♑06'08	
asc. node	-4256 Jan 31 j 12:02	21°♑21'24	
	-4256 Feb 05 j 05:06	0°♒	
evening max el	-4256 Feb 14 j 14:24	12°♒41'21	19°54'59
retrograde	-4256 Feb 24 j 13:25	17°♒24'33	
evening set	-4256 Feb 26 j 21:11	17°♒10'18	
inferior conj	-4256 Mar 06 j 13:03	13°♒09'11	2°01'17
minimum elong	-4256 Mar 06 j 17:38	13°♒02'07	1°59'45
min. Earth dist.	-4256 Mar 08 j 18:32	11°♒47'10	0.55873 AU
desc. node	-4256 Mar 14 j 04:36	9°♒01'46	
morning rise	-4256 Mar 15 j 11:02	8°♒36'09	
direct	-4256 Mar 19 j 13:06	7°♒59'12	
morning max el	-4256 Apr 02 j 08:55	14°♒53'22	24°02'57
	-4256 Apr 14 j 05:16	0°♓	
morning set	-4256 Apr 26 j 20:46	23°♓33'01	
asc. node	-4256 Apr 28 j 11:39	26°♓58'29	
	-4256 Apr 29 j 21:34	0°♈	
superior conj	-4256 May 03 j 23:18	8°♈47'22	0°54'10
minimum elong	-4256 May 03 j 21:08	8°♈35'41	0°53'47
max. Earth dist.	-4256 May 05 j 19:15	12°♈43'04	1.33429 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-4256 May 11 j 10:40	24°♈26'58	
	-4256 May 14 j 06:07	0°♉	
	-4256 Jun 01 j 03:24	0°♊	
desc. node	-4256 Jun 10 j 03:13	11°♊25'23	
evening max el	-4256 Jun 13 j 15:39	15°♊04'14	27°25'24
retrograde	-4256 Jun 27 j 08:38	22°♊28'09	
evening set	-4256 Jul 04 j 12:08	19°♊50'55	
min. Earth dist.	-4256 Jul 08 j 02:41	16°♊42'20	0.63372 AU
inferior conj	-4256 Jul 10 j 19:06	13°♊58'49	-3°-50'-56
minimum elong	-4256 Jul 10 j 22:27	13°♊50'16	3°50'11
morning rise	-4256 Jul 17 j 10:45	8°♊42'15	
direct	-4256 Jul 20 j 01:18	8°♊09'17	
asc. node	-4256 Jul 25 j 11:13	10°♊30'36	
morning max el	-4256 Jul 26 j 14:39	11°♊33'34	17°57'37
	-4256 Aug 08 j 01:50	0°♋	
morning set	-4256 Aug 12 j 10:14	7°♋35'00	
superior conj	-4256 Aug 24 j 14:47	28°♋25'50	1°13'52
minimum elong	-4256 Aug 24 j 20:36	28°♋49'58	1°13'27
	-4256 Aug 25 j 13:32	0°♌	
max. Earth dist.	-4256 Aug 30 j 18:37	8°♌29'37	1.43680 AU
desc. node	-4256 Sep 06 j 02:31	18°♌32'14	
evening rise	-4256 Sep 09 j 11:09	23°♌46'04	
	-4256 Sep 13 j 12:26	0°♍	
greatest brilliancy	-4256 Oct 02 j 09:09	27°♍27'12	-0.5m
	-4256 Oct 04 j 08:59	0°♎	
evening max el	-4256 Oct 08 j 05:11	4°♎23'30	20°47'21
retrograde	-4256 Oct 16 j 10:33	9°♎14'59	
evening set	-4256 Oct 20 j 06:54	7°♎50'21	
asc. node	-4256 Oct 21 j 10:10	6°♎52'57	
inferior conj	-4256 Oct 25 j 17:44	1°♎39'24	1°26'21
minimum elong	-4256 Oct 25 j 15:50	1°♎45'52	1°25'37
min. Earth dist.	-4256 Oct 26 j 06:59	0°♎54'21	0.67005 AU
	-4256 Oct 26 j 23:06	30°℞♍	
morning rise	-4256 Oct 31 j 00:21	25°♍22'09	
direct	-4256 Nov 05 j 08:32	23°♍04'46	
morning max el	-4256 Nov 16 j 09:37	29°♍39'53	24°13'18
	-4256 Nov 16 j 17:32	0°♎	
desc. node	-4256 Dec 03 j 02:28	20°♎52'19	
	-4256 Dec 09 j 05:37	0°♏	
morning set	-4256 Dec 22 j 02:24	20°♏56'49	
max. Earth dist.	-4256 Dec 25 j 23:48	27°♏48'07	1.38181 AU
	-4256 Dec 27 j 05:01	0°♐	
superior conj	-4255 Jan 02 j 00:50	10°♐52'04	-1°-50'-7
minimum elong	-4255 Jan 02 j 02:47	11°♐01'23	1°50'14
evening rise	-4255 Jan 10 j 19:36	28°♐03'36	
	-4255 Jan 11 j 19:18	0°♑	
asc. node	-4255 Jan 17 j 09:05	10°♑32'34	
evening max el	-4255 Jan 27 j 10:22	24°♑50'26	18°59'30
retrograde	-4255 Feb 04 j 21:33	28°♑54'04	
evening set	-4255 Feb 07 j 07:03	28°♑35'54	
inferior conj	-4255 Feb 15 j 06:12	24°♑19'19	3°17'17
minimum elong	-4255 Feb 15 j 10:46	24°♑11'12	3°16'11
min. Earth dist.	-4255 Feb 18 j 09:49	22°♑06'26	0.57308 AU
morning rise	-4255 Feb 23 j 10:46	19°♑16'38	
direct	-4255 Feb 28 j 18:33	18°♑09'25	
desc. node	-4255 Mar 01 j 01:44	18°♑09'38	
morning max el	-4255 Mar 14 j 23:54	25°♑29'58	25°37'03
	-4255 Mar 19 j 04:46	0°♒	
	-4255 Apr 07 j 03:31	0°♓	
morning set	-4255 Apr 11 j 08:52	8°♓35'36	
asc. node	-4255 Apr 15 j 08:36	17°♓07'43	
superior conj	-4255 Apr 18 j 09:51	23°♓46'50	0°31'18
minimum elong	-4255 Apr 18 j 08:31	23°♓39'32	0°30'59
max. Earth dist.	-4255 Apr 19 j 05:43	25°♓35'04	1.32838 AU
	-4255 Apr 21 j 06:39	0°♈	
evening rise	-4255 Apr 25 j 14:09	9°♈06'09	
	-4255 May 06 j 15:25	0°♉	
evening max el	-4255 May 26 j 22:06	27°♉33'38	27°08'41
desc. node	-4255 May 28 j 00:20	28°♉34'37	
	-4255 May 29 j 16:06	0°♊	
retrograde	-4255 Jun 09 j 20:38	4°♊55'58	
evening set	-4255 Jun 16 j 19:37	2°♊42'04	
	-4255 Jun 20 j 09:22	30°℞♉	
min. Earth dist.	-4255 Jun 20 j 11:30	29°♉55'25	0.61510 AU
inferior conj	-4255 Jun 23 j 15:49	27°♉04'28	-4°-13'-17
minimum elong	-4255 Jun 23 j 17:34	27°♉00'31	4°13'01
morning rise	-4255 Jun 30 j 18:20	22°♉08'55	
direct	-4255 Jul 03 j 06:45	21°♉42'12	
morning max el	-4255 Jul 10 j 04:25	25°♉08'17	18°00'37
asc. node	-4255 Jul 12 j 08:15	27°♉30'20	
	-4255 Jul 14 j 05:56	0°♊	
morning set	-4255 Jul 26 j 05:43	20°♊23'18	
	-4255 Jul 31 j 12:22	0°♋	
superior conj	-4255 Aug 05 j 18:58	9°♋21'50	1°37'56
minimum elong	-4255 Aug 05 j 22:53	9°♋38'53	1°37'51
max. Earth dist.	-4255 Aug 13 j 05:09	21°♋58'42	1.42198 AU
	-4255 Aug 18 j 03:25	0°♌	
evening rise	-4255 Aug 19 j 19:52	2°♌41'13	
desc. node	-4255 Aug 23 j 23:28	9°♌11'14	
	-4255 Sep 06 j 23:45	0°♍	
greatest brilliancy	-4255 Sep 16 j 05:38	12°♍22'33	-0.4m
evening max el	-4255 Sep 21 j 00:32	17°♍48'23	22°01'13
retrograde	-4255 Sep 30 j 06:22	23°♍17'56	
evening set	-4255 Oct 04 j 14:59	21°♍34'48	
asc. node	-4255 Oct 08 j 07:17	17°♍34'39	
inferior conj	-4255 Oct 09 j 23:44	15°♍17'14	0°34'29
minimum elong	-4255 Oct 09 j 22:56	15°♍19'58	0°34'13
min. Earth dist.	-4255 Oct 10 j 02:23	15°♍08'03	0.67348 AU
morning rise	-4255 Oct 15 j 06:43	9°♍00'17	
direct	-4255 Oct 19 j 23:40	7°♍04'21	
morning max el	-4255 Oct 29 j 20:17	12°♍57'08	22°46'55
greatest brilliancy	-4255 Nov 03 j 14:44	18°♍18'56	-0.3m
	-4255 Nov 12 j 10:39	0°♎	
desc. node	-4255 Nov 19 j 23:24	10°♎56'40	
	-4255 Dec 02 j 03:54	0°♏	
morning set	-4255 Dec 02 j 19:38	1°♏04'22	
max. Earth dist.	-4255 Dec 07 j 20:35	9°♏30'34	1.40245 AU
superior conj	-4255 Dec 15 j 14:22	23°♏09'16	-1°-54'-8
minimum elong	-4255 Dec 15 j 13:54	23°♏07'07	1°54'19
	-4255 Dec 19 j 07:33	0°♐	
evening rise	-4255 Dec 25 j 09:34	11°♐29'27	
asc. node	-4254 Jan 04 j 06:09	29°♐12'12	
	-4254 Jan 04 j 18:22	0°♑	
evening max el	-4254 Jan 10 j 14:38	7°♑29'32	18°24'08
retrograde	-4254 Jan 18 j 00:15	11°♑08'38	
evening set	-4254 Jan 20 j 12:17	10°♑44'47	
inferior conj	-4254 Jan 27 j 19:51	6°♑07'32	3°55'43
minimum elong	-4254 Jan 27 j 21:53	6°♑03'22	3°55'22
min. Earth dist.	-4254 Jan 31 j 04:49	3°♑21'55	0.59193 AU
morning rise	-4254 Feb 04 j 04:08	0°♑40'38	
	-4254 Feb 05 j 13:12	30°℞♐	
direct	-4254 Feb 10 j 12:50	28°♐54'30	
desc. node	-4254 Feb 15 j 22:50	0°♑07'27	
	-4254 Feb 15 j 15:49	0°♑	
morning max el	-4254 Feb 24 j 18:46	6°♑29'20	26°51'09
	-4254 Mar 14 j 07:33	0°♒	
morning set	-4254 Mar 26 j 19:19	23°♒32'39	
	-4254 Mar 29 j 20:23	0°♓	
asc. node	-4254 Apr 02 j 05:35	7°♓21'12	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4254 Apr 02 j 21:35	8°♓48'44	0°06'58
minimum elong	-4254 Apr 02 j 21:16	8°♓47'04	0°06'48
behind sun begin	-4254 Apr 02 j 16:44	8°♓22'15	
behind sun end	-4254 Apr 03 j 01:49	9°♓11'54	
max. Earth dist.	-4254 Apr 02 j 19:02	8°♓34'50	1.32588 AU
evening rise	-4254 Apr 09 j 22:22	23°♓58'29	
	-4254 Apr 12 j 21:00	0°♈	
	-4254 Apr 30 j 19:10	0°♉	
evening max el	-4254 May 08 j 22:39	9°♉21'28	26°19'35
desc. node	-4254 May 14 j 21:27	14°♉04'01	
retrograde	-4254 May 23 j 00:43	16°♉40'10	
evening set	-4254 May 29 j 07:14	15°♉01'27	
min. Earth dist.	-4254 Jun 02 j 11:37	12°♉20'01	0.59470 AU
inferior conj	-4254 Jun 05 j 20:47	9°♉41'50	-4°-14'-56
minimum elong	-4254 Jun 05 j 19:34	9°♉44'13	4°14'47
morning rise	-4254 Jun 13 j 11:36	5°♉08'27	
direct	-4254 Jun 15 j 22:58	4°♉46'44	
morning max el	-4254 Jun 23 j 14:17	8°♉26'16	18°23'04
asc. node	-4254 Jun 29 j 05:15	15°♉26'11	
	-4254 Jul 07 j 14:08	0°♊	
morning set	-4254 Jul 09 j 15:35	3°♊54'38	
superior conj	-4254 Jul 18 j 23:39	21°♊31'37	1°48'19
minimum elong	-4254 Jul 19 j 00:48	21°♊36'52	1°48'29
	-4254 Jul 23 j 16:31	0°♋	
max. Earth dist.	-4254 Jul 26 j 09:34	4°♋43'42	1.40355 AU
evening rise	-4254 Jul 31 j 01:33	12°♋36'36	
desc. node	-4254 Aug 10 j 20:27	29°♋42'04	
	-4254 Aug 11 j 01:11	0°♌	
	-4254 Sep 02 j 10:01	0°♍	
evening max el	-4254 Sep 03 j 14:33	1°♍13'41	23°21'19
retrograde	-4254 Sep 13 j 23:26	7°♍22'05	
evening set	-4254 Sep 18 j 22:04	5°♍19'18	
	-4254 Sep 23 j 12:27	30°℞♌	
inferior conj	-4254 Sep 24 j 06:19	28°♌58'45	0°-18'-50
minimum elong	-4254 Sep 24 j 06:45	28°♌57'15	0°18'33
min. Earth dist.	-4254 Sep 23 j 22:48	29°♌24'33	0.67398 AU
asc. node	-4254 Sep 25 j 04:23	27°♌43'25	
morning rise	-4254 Sep 29 j 15:30	22°♌45'08	
direct	-4254 Oct 03 j 18:31	21°♌10'17	
morning max el	-4254 Oct 12 j 11:49	26°♌19'48	21°24'25
	-4254 Oct 15 j 18:57	0°♍	
greatest brilliancy	-4254 Oct 17 j 18:13	2°♍25'36	-0.4m
	-4254 Nov 06 j 00:07	0°♎	
desc. node	-4254 Nov 06 j 20:19	1°♎17'19	
morning set	-4254 Nov 12 j 09:03	9°♎53'13	
max. Earth dist.	-4254 Nov 19 j 22:33	22°♎02'53	1.42175 AU
	-4254 Nov 24 j 16:59	0°♏	
superior conj	-4254 Nov 27 j 05:56	4°♏20'09	-1°-45'-46
minimum elong	-4254 Nov 27 j 01:54	4°♏02'46	1°45'38
evening rise	-4254 Dec 08 j 10:50	24°♏14'58	
	-4254 Dec 11 j 15:01	0°♐	
asc. node	-4254 Dec 22 j 03:15	17°♐09'35	
evening max el	-4254 Dec 25 j 00:25	20°♐29'54	18°08'46
retrograde	-4254 Dec 31 j 19:06	23°♐58'34	
evening set	-4253 Jan 03 j 09:48	23°♐27'52	
inferior conj	-4253 Jan 10 j 04:19	18°♐28'47	4°03'23
minimum elong	-4253 Jan 10 j 03:38	18°♐30'23	4°03'11
min. Earth dist.	-4253 Jan 13 j 06:25	15°♐34'06	0.61198 AU
morning rise	-4253 Jan 16 j 18:58	12°♐44'58	
direct	-4253 Jan 23 j 17:46	10°♐23'38	
desc. node	-4253 Feb 02 j 19:54	14°♐35'33	
morning max el	-4253 Feb 06 j 19:37	18°♐05'26	27°33'54
	-4253 Feb 16 j 20:25	0°♑	
	-4253 Mar 06 j 22:42	0°♒	
morning set	-4253 Mar 11 j 02:11	8°♒16'33	
max. Earth dist.	-4253 Mar 17 j 07:24	21°♒28'16	1.32675 AU
superior conj	-4253 Mar 18 j 08:49	23°♒46'33	0°-18'-4
minimum elong	-4253 Mar 18 j 09:38	23°♒50'59	0°18'02
asc. node	-4253 Mar 20 j 02:35	27°♒34'25	
	-4253 Mar 21 j 05:19	0°♓	
evening rise	-4253 Mar 25 j 09:13	8°♓56'00	
	-4253 Apr 05 j 09:30	0°♈	
evening max el	-4253 Apr 20 j 17:25	20°♈30'27	25°03'37
desc. node	-4253 May 01 j 18:36	27°♈17'48	
retrograde	-4253 May 04 j 18:33	27°♈38'49	
evening set	-4253 May 09 j 21:20	26°♈38'25	
min. Earth dist.	-4253 May 15 j 05:48	23°♈45'45	0.57522 AU
inferior conj	-4253 May 18 j 06:46	21°♈42'27	-3°-46'-4
minimum elong	-4253 May 18 j 02:10	21°♈50'17	3°45'16
morning rise	-4253 May 26 j 11:09	17°♈29'19	
direct	-4253 May 28 j 22:05	17°♈11'30	
morning max el	-4253 Jun 06 j 17:20	21°♈18'26	19°05'43
	-4253 Jun 13 j 14:33	0°♉	
asc. node	-4253 Jun 16 j 02:16	4°♉05'29	
morning set	-4253 Jun 23 j 11:53	17°♉59'29	
	-4253 Jun 29 j 13:41	0°♊	
superior conj	-4253 Jul 01 j 23:09	4°♊39'21	1°47'52
minimum elong	-4253 Jul 01 j 22:06	4°♊34'22	1°48'01
max. Earth dist.	-4253 Jul 08 j 11:05	16°♊49'19	1.38408 AU
evening rise	-4253 Jul 12 j 09:42	23°♊49'47	
	-4253 Jul 16 j 00:21	0°♋	
desc. node	-4253 Jul 28 j 17:28	20°♋00'09	
	-4253 Aug 04 j 19:09	0°♌	
evening max el	-4253 Aug 17 j 01:50	14°♌42'42	24°41'08
retrograde	-4253 Aug 28 j 12:44	21°♌24'25	
evening set	-4253 Sep 03 j 02:25	19°♌02'38	
min. Earth dist.	-4253 Sep 07 j 17:46	13°♌42'57	0.67146 AU
inferior conj	-4253 Sep 08 j 11:49	12°♌42'43	-1°-11'-57
minimum elong	-4253 Sep 08 j 13:29	12°♌37'08	1°11'08
asc. node	-4253 Sep 12 j 01:29	8°♌19'30	
morning rise	-4253 Sep 14 j 00:53	6°♌35'46	
direct	-4253 Sep 17 j 15:56	5°♌19'52	
morning max el	-4253 Sep 25 j 10:20	9°♌51'07	20°11'59
greatest brilliancy	-4253 Oct 02 j 10:34	18°♌26'25	-0.6m
	-4253 Oct 10 j 10:48	0°♍	
morning set	-4253 Oct 22 j 07:38	18°♍05'50	
desc. node	-4253 Oct 24 j 17:16	21°♍49'44	
	-4253 Oct 29 j 22:10	0°♎	
max. Earth dist.	-4253 Nov 02 j 08:12	5°♎26'26	1.43701 AU
superior conj	-4253 Nov 07 j 18:47	14°♎15'05	-1°-21'-33
minimum elong	-4253 Nov 07 j 12:00	13°♎47'18	1°20'56
	-4253 Nov 17 j 04:33	0°♏	
evening rise	-4253 Nov 20 j 19:12	6°♏12'23	
	-4253 Dec 05 j 09:02	0°♐	
evening max el	-4253 Dec 08 j 12:55	3°♐44'36	18°12'38
asc. node	-4253 Dec 09 j 00:21	4°♐12'41	
retrograde	-4253 Dec 15 j 02:03	7°♐14'59	
evening set	-4253 Dec 17 j 20:07	6°♐36'12	
inferior conj	-4253 Dec 24 j 04:05	1°♐16'11	3°49'08
minimum elong	-4253 Dec 24 j 01:39	1°♐22'42	3°48'38
	-4253 Dec 25 j 08:26	30°℞♏	
min. Earth dist.	-4253 Dec 26 j 17:01	28°♏33'52	0.63058 AU
morning rise	-4253 Dec 30 j 05:28	25°♏20'11	
direct	-4252 Jan 06 j 06:57	22°♏36'48	
	-4252 Jan 19 j 17:28	0°♐	
morning max el	-4252 Jan 20 j 01:47	0°♐20'19	27°40'33
desc. node	-4252 Jan 20 j 16:59	0°♐58'19	
	-4252 Feb 10 j 20:15	0°♑	
morning set	-4252 Feb 23 j 03:12	22°♑39'14	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4252 Feb 26 j 17:08	0°♒		
max. Earth dist.	-4252 Feb 28 j 15:05	4°♒02'16	1.33131 AU	
superior conj	-4252 Mar 01 j 17:51	8°♒34'01	0°-42'-52	
minimum elong	-4252 Mar 01 j 19:44	8°♒44'08	0°42'39	
asc. node	-4252 Mar 05 j 23:37	17°♒43'05		
evening rise	-4252 Mar 08 j 20:52	23°♒51'56		
	-4252 Mar 11 j 20:17	0°♓		
	-4252 Mar 31 j 02:56	0°♈		
evening max el	-4252 Apr 01 j 09:30	1°♈16'05	23°31'58	
retrograde	-4252 Apr 14 j 23:34	8°♈00'25		
desc. node	-4252 Apr 17 j 15:45	7°♈44'34		
evening set	-4252 Apr 18 j 18:37	7°♈28'51		
min. Earth dist.	-4252 Apr 25 j 20:46	4°♈12'56	0.56005 AU	
inferior conj	-4252 Apr 27 j 20:50	3°♈01'06	-2°-38'-9	
minimum elong	-4252 Apr 27 j 15:04	3°♈09'45	2°36'35	
	-4252 May 03 j 12:47	30°♓℞		
morning rise	-4252 May 06 j 14:54	29°♓01'43		
direct	-4252 May 09 j 02:41	28°♓46'11		
	-4252 May 14 j 08:46	0°♈		
morning max el	-4252 May 19 j 10:56	3°♈34'50	20°08'43	
asc. node	-4252 Jun 01 j 23:17	23°♈17'24		
	-4252 Jun 05 j 09:51	0°♉		
morning set	-4252 Jun 06 j 15:28	2°♉29'06		
superior conj	-4252 Jun 14 j 12:11	18°♉29'51	1°39'20	
minimum elong	-4252 Jun 14 j 09:54	18°♉18'23	1°39'18	
max. Earth dist.	-4252 Jun 19 j 15:46	28°♉36'53	1.36597 AU	
	-4252 Jun 20 j 09:12	0°♊		
evening rise	-4252 Jun 23 j 17:10	6°♊12'51		
	-4252 Jul 07 j 20:23	0°♋		
desc. node	-4252 Jul 14 j 14:31	9°♋58'42		
evening max el	-4252 Jul 29 j 12:38	28°♋14'02	25°52'53	
	-4252 Jul 31 j 10:00	0°♌		
retrograde	-4252 Aug 10 j 21:24	5°♌19'29		
evening set	-4252 Aug 17 j 02:02	2°♌41'55		
	-4252 Aug 19 j 17:23	30°℞♋		
min. Earth dist.	-4252 Aug 21 j 08:46	28°♋00'06	0.66567 AU	
inferior conj	-4252 Aug 22 j 14:24	26°♋25'59	-2°-3'-13	
minimum elong	-4252 Aug 22 j 17:10	26°♋17'10	2°02'02	
morning rise	-4252 Aug 28 j 08:57	20°♋29'06		
asc. node	-4252 Aug 28 j 22:36	20°♋09'49		
direct	-4252 Aug 31 j 14:13	19°♋29'12		
morning max el	-4252 Sep 07 j 15:54	23°♋30'24	19°13'15	
	-4252 Sep 12 j 23:46	0°♌		
morning set	-4252 Sep 30 j 14:34	26°♌48'55		
	-4252 Oct 02 j 15:17	0°♍		
desc. node	-4252 Oct 10 j 14:12	12°♍29'20		
max. Earth dist.	-4252 Oct 14 j 23:56	19°♍25'55	1.44612 AU	
superior conj	-4252 Oct 17 j 05:49	22°♍59'11	0°-41'-16	
minimum elong	-4252 Oct 17 j 00:45	22°♍39'06	0°40'38	
	-4252 Oct 21 j 15:28	0°♎		
evening rise	-4252 Nov 01 j 05:55	17°♎12'15		
	-4252 Nov 09 j 00:58	0°♏		
evening max el	-4252 Nov 21 j 01:17	17°♏07'26	18°34'58	
asc. node	-4252 Nov 24 j 21:26	20°♏06'58		
retrograde	-4252 Nov 27 j 17:03	20°♏49'57		
evening set	-4252 Nov 30 j 15:48	20°♏01'28		
inferior conj	-4252 Dec 06 j 15:28	14°♏22'56	3°20'01	
minimum elong	-4252 Dec 06 j 12:19	14°♏32'13	3°19'08	
min. Earth dist.	-4252 Dec 08 j 13:35	12°♏07'11	0.64611 AU	
morning rise	-4252 Dec 12 j 07:39	8°♏17'33		
direct	-4252 Dec 19 j 02:56	5°♏27'31		
morning max el	-4251 Jan 01 j 11:02	13°♏06'40	27°12'55	
desc. node	-4251 Jan 06 j 14:03	18°♏43'32		
	-4251 Jan 15 j 03:43	0°♐		
	-4251 Feb 02 j 09:14	0°♑		
morning set	-4251 Feb 05 j 19:27	6°♑31'23		
max. Earth dist.	-4251 Feb 10 j 14:20	16°♑06'06	1.33998 AU	
superior conj	-4251 Feb 13 j 22:49	23°♑04'57	-1°-6'-22	
minimum elong	-4251 Feb 14 j 01:32	23°♑19'18	1°06'06	
	-4251 Feb 17 j 05:08	0°♒		
asc. node	-4251 Feb 20 j 20:38	7°♒42'59		
evening rise	-4251 Feb 21 j 07:35	8°♒40'11		
	-4251 Mar 04 j 17:14	0°♓		
evening max el	-4251 Mar 14 j 04:41	12°♓04'18	21°58'42	
retrograde	-4251 Mar 26 j 17:03	18°♓07'53		
evening set	-4251 Mar 29 j 12:00	17°♓50'34		
desc. node	-4251 Apr 04 j 12:54	15°♓33'26		
inferior conj	-4251 Apr 07 j 19:50	13°♓45'24	0°-54'-19	
minimum elong	-4251 Apr 07 j 17:20	13°♓48'56	0°53'32	
min. Earth dist.	-4251 Apr 07 j 10:43	13°♓58'14	0.55229 AU	
morning rise	-4251 Apr 16 j 23:49	9°♓46'24		
direct	-4251 Apr 19 j 17:23	9°♓29'42		
morning max el	-4251 May 01 j 17:41	15°♓10'10	21°30'29	
	-4251 May 12 j 22:17	0°♈		
asc. node	-4251 May 19 j 20:19	12°♈53'46		
morning set	-4251 May 21 j 23:54	17°♈16'37		
	-4251 May 28 j 01:52	0°♉		
superior conj	-4251 May 29 j 10:46	2°♉51'31	1°24'56	
minimum elong	-4251 May 29 j 08:04	2°♉37'30	1°24'42	
max. Earth dist.	-4251 Jun 02 j 04:37	10°♉31'35	1.35079 AU	
evening rise	-4251 Jun 06 j 18:38	19°♉31'31		
	-4251 Jun 12 j 11:08	0°♊		
desc. node	-4251 Jul 01 j 11:34	29°♊29'13		
	-4251 Jul 01 j 20:54	0°♋		
evening max el	-4251 Jul 11 j 23:51	11°♋42'07	26°48'22	
retrograde	-4251 Jul 25 j 01:06	19°♋01'20		
evening set	-4251 Jul 31 j 18:37	16°♋14'45		
min. Earth dist.	-4251 Aug 04 j 17:26	12°♋11'55	0.65628 AU	
inferior conj	-4251 Aug 06 j 12:02	10°♋05'46	-2°-50'-41	
minimum elong	-4251 Aug 06 j 15:35	9°♋55'16	2°49'25	
morning rise	-4251 Aug 12 j 13:38	4°♋22'16		
direct	-4251 Aug 15 j 11:23	3°♋35'12		
asc. node	-4251 Aug 15 j 19:43	3°♋35'52		
morning max el	-4251 Aug 22 j 03:00	7°♋15'16	18°30'16	
	-4251 Sep 06 j 18:24	0°♌		
morning set	-4251 Sep 10 j 21:55	6°♌44'30		
	-4251 Sep 25 j 10:17	0°♍		
superior conj	-4251 Sep 26 j 05:09	1°♍14'29	0°07'55	
minimum elong	-4251 Sep 26 j 06:11	1°♍18'35	0°07'53	
behind sun begin	-4251 Sep 25 j 20:11	0°♍39'04		
behind sun end	-4251 Sep 26 j 16:11	1°♍58'06		
desc. node	-4251 Sep 27 j 11:06	3°♍12'43		
max. Earth dist.	-4251 Sep 27 j 18:05	3°♍40'13	1.44805 AU	
evening rise	-4251 Oct 12 j 15:42	27°♍07'51		
	-4251 Oct 14 j 11:21	0°♎		
greatest brilliancy	-4251 Oct 24 j 10:58	15°♎37'50	-0.7m	
	-4251 Nov 03 j 22:24	0°♏		
evening max el	-4251 Nov 04 j 11:00	0°♏33'21	19°14'32	
retrograde	-4251 Nov 11 j 12:32	4°♏37'01		
asc. node	-4251 Nov 11 j 18:34	4°♏36'40		
evening set	-4251 Nov 14 j 17:51	3°♏36'39		
	-4251 Nov 18 j 14:47	30°℞♎		
inferior conj	-4251 Nov 20 j 11:11	27°♎42'48	2°40'50	
minimum elong	-4251 Nov 20 j 08:07	27°♎52'31	2°39'47	
min. Earth dist.	-4251 Nov 21 j 19:22	26°♎00'38	0.65808 AU	
morning rise	-4251 Nov 25 j 21:32	21°♎30'32		
direct	-4251 Dec 02 j 05:03	18°♎46'38		
morning max el	-4251 Dec 14 j 20:46	26°♎11'34	26°16'59	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4251 Dec 18 j 10:02	0°♏	
desc. node	-4251 Dec 24 j 11:03	7°♏26'17	
	-4250 Jan 08 j 17:02	0°♐	
morning set	-4250 Jan 19 j 22:53	19°♐40'01	
max. Earth dist.	-4250 Jan 24 j 02:11	27°♐34'58	1.35308 AU
	-4250 Jan 25 j 07:39	0°♑	
superior conj	-4250 Jan 28 j 21:15	7°♑10'59	-1°-27'-14
minimum elong	-4250 Jan 29 j 00:22	7°♑26'52	1°27'04
evening rise	-4250 Feb 05 j 15:27	23°♑13'30	
asc. node	-4250 Feb 07 j 17:39	27°♑28'33	
	-4250 Feb 09 j 00:08	0°♒	
evening max el	-4250 Feb 24 j 08:18	23°♒17'37	20°35'27
retrograde	-4250 Mar 07 j 07:04	28°♒30'01	
evening set	-4250 Mar 09 j 15:32	28°♒16'34	
inferior conj	-4250 Mar 18 j 15:43	24°♒18'36	1°01'49
minimum elong	-4250 Mar 18 j 18:26	24°♒14'39	1°00'46
min. Earth dist.	-4250 Mar 20 j 00:50	23°♒30'26	0.55372 AU
desc. node	-4250 Mar 22 j 10:04	22°♒10'53	
morning rise	-4250 Mar 27 j 19:31	20°♒01'27	
direct	-4250 Mar 31 j 05:58	19°♒35'46	
morning max el	-4250 Apr 13 j 14:39	26°♒07'14	23°05'52
	-4250 Apr 17 j 06:34	0°♓	
	-4250 May 05 j 09:10	0°♈	
morning set	-4250 May 06 j 11:06	2°♈14'35	
asc. node	-4250 May 06 j 17:18	2°♈46'58	
superior conj	-4250 May 13 j 15:47	17°♈33'57	1°06'19
minimum elong	-4250 May 13 j 13:17	17°♈20'39	1°05'57
max. Earth dist.	-4250 May 16 j 03:11	22°♈48'02	1.33920 AU
	-4250 May 19 j 15:00	0°♉	
evening rise	-4250 May 21 j 09:06	3°♉30'42	
	-4250 Jun 05 j 06:11	0°♊	
desc. node	-4250 Jun 18 j 08:39	18°♊19'38	
evening max el	-4250 Jun 24 j 10:50	24°♊57'08	27°20'14
	-4250 Jun 30 j 18:30	0°♋	
retrograde	-4250 Jul 07 j 23:30	2°♋21'49	
	-4250 Jul 14 j 13:04	30°℞♊	
evening set	-4250 Jul 15 j 01:18	29°♊37'05	
min. Earth dist.	-4250 Jul 18 j 17:46	26°♊10'48	0.64297 AU
inferior conj	-4250 Jul 21 j 02:22	23°♊37'51	-3°-31'-43
minimum elong	-4250 Jul 21 j 06:04	23°♊27'50	3°30'41
morning rise	-4250 Jul 27 j 12:30	18°♊10'47	
direct	-4250 Jul 30 j 04:58	17°♊33'32	
asc. node	-4250 Aug 02 j 16:47	18°♊36'00	
morning max el	-4250 Aug 05 j 17:16	21°♊01'17	18°04'23
	-4250 Aug 12 j 12:58	0°♋	
morning set	-4250 Aug 23 j 08:19	17°♋57'42	
	-4250 Aug 30 j 11:50	0°♌	
superior conj	-4250 Sep 05 j 15:44	10°♌06'47	0°53'17
minimum elong	-4250 Sep 05 j 21:11	10°♌28'50	0°52'48
max. Earth dist.	-4250 Sep 10 j 11:09	17°♌49'55	1.44276 AU
desc. node	-4250 Sep 14 j 08:01	23°♌57'10	
	-4250 Sep 18 j 04:44	0°♍	
evening rise	-4250 Sep 22 j 03:29	6°♍07'40	
	-4250 Oct 07 j 21:41	0°♎	
greatest brilliancy	-4250 Oct 11 j 17:34	5°♎26'22	-0.6m
evening max el	-4250 Oct 18 j 16:00	14°♎00'01	20°09'37
retrograde	-4250 Oct 26 j 09:44	18°♎32'28	
evening set	-4250 Oct 29 j 23:50	17°♎17'38	
asc. node	-4250 Oct 29 j 15:41	17°♎31'11	
inferior conj	-4250 Nov 04 j 12:35	11°♎11'58	1°54'54
minimum elong	-4250 Nov 04 j 10:09	11°♎20'05	1°53'59
min. Earth dist.	-4250 Nov 05 j 08:24	10°♎05'47	0.66660 AU
morning rise	-4250 Nov 09 j 19:52	4°♎55'30	
direct	-4250 Nov 15 j 12:52	2°♎26'43	
morning max el	-4250 Nov 27 j 05:40	9°♎24'09	25°01'33
desc. node	-4250 Dec 11 j 08:00	26°♎49'41	
	-4250 Dec 13 j 13:29	0°♏	
	-4249 Jan 01 j 07:27	0°♐	
morning set	-4249 Jan 02 j 08:23	1°♐50'23	
max. Earth dist.	-4249 Jan 06 j 02:57	8°♐41'40	1.37040 AU
superior conj	-4249 Jan 12 j 10:14	20°♐43'53	-1°-43'-39
minimum elong	-4249 Jan 12 j 12:56	20°♐57'09	1°43'40
	-4249 Jan 17 j 01:52	0°♑	
evening rise	-4249 Jan 20 j 18:24	7°♑25'50	
asc. node	-4249 Jan 25 j 14:40	16°♑54'15	
	-4249 Feb 02 j 12:52	0°♒	
evening max el	-4249 Feb 06 j 22:34	5°♒07'01	19°28'59
retrograde	-4249 Feb 16 j 05:31	9°♒31'37	
evening set	-4249 Feb 18 j 13:33	9°♒16'10	
inferior conj	-4249 Feb 26 j 22:25	5°♒09'49	2°38'11
minimum elong	-4249 Feb 27 j 03:29	5°♒01'34	2°36'41
min. Earth dist.	-4249 Mar 01 j 15:36	3°♒24'14	0.56405 AU
morning rise	-4249 Mar 07 j 13:46	0°♒23'28	
	-4249 Mar 08 j 21:27	30°℞♑	
desc. node	-4249 Mar 09 j 07:13	29°♑54'16	
direct	-4249 Mar 12 j 04:23	29°♑35'09	
	-4249 Mar 15 j 11:02	0°♒	
morning max el	-4249 Mar 26 j 05:59	6°♒43'23	24°44'26
	-4249 Apr 12 j 02:34	0°♓	
morning set	-4249 Apr 20 j 23:20	17°♓17'00	
asc. node	-4249 Apr 23 j 14:15	22°♓51'41	
	-4249 Apr 26 j 21:22	0°♈	
superior conj	-4249 Apr 28 j 00:52	2°♈29'12	0°44'43
minimum elong	-4249 Apr 27 j 23:01	2°♈19'10	0°44'20
max. Earth dist.	-4249 Apr 29 j 10:04	5°♈28'36	1.33132 AU
evening rise	-4249 May 05 j 08:43	17°♈58'21	
	-4249 May 11 j 13:02	0°♉	
	-4249 May 30 j 19:14	0°♊	
desc. node	-4249 Jun 05 j 05:46	6°♊12'34	
evening max el	-4249 Jun 06 j 19:42	7°♊46'51	27°22'24
retrograde	-4249 Jun 20 j 15:46	15°♊11'05	
evening set	-4249 Jun 27 j 18:25	12°♊42'06	
min. Earth dist.	-4249 Jul 01 j 08:32	9°♊44'25	0.62604 AU
inferior conj	-4249 Jul 04 j 06:28	6°♊55'30	-4°-2'-30
minimum elong	-4249 Jul 04 j 09:19	6°♊48'36	4°01'57
morning rise	-4249 Jul 11 j 02:34	1°♊47'37	
direct	-4249 Jul 13 j 15:53	1°♊17'39	
morning max el	-4249 Jul 20 j 07:58	4°♊41'51	17°56'34
asc. node	-4249 Jul 20 j 13:50	4°♊56'31	
morning set	-4249 Aug 05 j 17:21	0°♋15'34	
	-4249 Aug 05 j 13:52	0°♋	
superior conj	-4249 Aug 17 j 03:57	20°♋15'09	1°25'53
minimum elong	-4249 Aug 17 j 09:13	20°♋37'30	1°25'36
	-4249 Aug 23 j 00:31	0°♌	
max. Earth dist.	-4249 Aug 24 j 00:22	1°♌37'12	1.43105 AU
evening rise	-4249 Sep 01 j 07:24	14°♌48'43	
desc. node	-4249 Sep 01 j 04:57	14°♌39'13	
	-4249 Sep 11 j 06:19	0°♍	
greatest brilliancy	-4249 Sep 26 j 09:01	21°♍20'02	-0.4m
evening max el	-4249 Oct 01 j 15:00	27°♍25'47	21°17'43
	-4249 Oct 04 j 10:23	0°♎	
retrograde	-4249 Oct 10 j 06:26	2°♎33'08	
evening set	-4249 Oct 14 j 07:39	1°♎01'05	
	-4249 Oct 15 j 11:44	30°℞♍	
asc. node	-4249 Oct 16 j 12:48	28°♍53'55	
inferior conj	-4249 Oct 19 j 17:27	24°♍47'03	1°04'38
minimum elong	-4249 Oct 19 j 15:59	24°♍52'03	1°04'05
min. Earth dist.	-4249 Oct 20 j 02:10	24°♍17'04	0.67190 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4249 Oct 24 j 23:57	18°♍29'26		
direct	-4249 Oct 30 j 01:39	16°♍20'44		
morning max el	-4249 Nov 09 j 14:38	22°♍38'36	23°36'25	
	-4249 Nov 16 j 00:57	0°♎		
desc. node	-4249 Nov 28 j 04:56	16°♎41'27		
	-4249 Dec 06 j 22:24	0°♏		
morning set	-4249 Dec 14 j 17:43	12°♏45'33		
max. Earth dist.	-4249 Dec 18 j 22:28	19°♏59'23	1.39059 AU	
	-4249 Dec 24 j 12:00	0°♐		
superior conj	-4249 Dec 26 j 09:45	3°♐32'28	-1°-53'-7	
minimum elong	-4249 Dec 26 j 10:50	3°♐37'37	1°53'17	
evening rise	-4248 Jan 04 j 13:55	21°♐10'18		
	-4248 Jan 09 j 04:52	0°♑		
asc. node	-4248 Jan 12 j 11:43	5°♑52'59		
evening max el	-4248 Jan 20 j 22:27	17°♑30'12	18°42'03	
retrograde	-4248 Jan 28 j 21:11	21°♑21'03		
evening set	-4248 Jan 31 j 07:54	21°♑00'33		
inferior conj	-4248 Feb 08 j 00:10	16°♑35'48	3°37'54	
minimum elong	-4248 Feb 08 j 03:49	16°♑28'55	3°37'09	
min. Earth dist.	-4248 Feb 11 j 08:08	14°♑06'09	0.58079 AU	
morning rise	-4248 Feb 15 j 20:04	11°♑22'06		
direct	-4248 Feb 21 j 15:50	9°♑58'22		
desc. node	-4248 Feb 24 j 04:19	10°♑13'58		
morning max el	-4248 Mar 06 j 21:50	17°♑26'06	26°11'48	
	-4248 Mar 17 j 07:07	0°♒		
	-4248 Apr 03 j 08:21	0°♓		
morning set	-4248 Apr 04 j 10:56	2°♓18'10		
asc. node	-4248 Apr 09 j 11:14	13°♓03'32		
superior conj	-4248 Apr 11 j 12:09	17°♓30'51	0°21'07	
minimum elong	-4248 Apr 11 j 11:14	17°♓25'49	0°20'51	
max. Earth dist.	-4248 Apr 11 j 22:11	18°♓25'45	1.32691 AU	
	-4248 Apr 17 j 07:01	0°♈		
evening rise	-4248 Apr 18 j 14:32	2°♈44'47		
	-4248 May 03 j 10:56	0°♉		
evening max el	-4248 May 19 j 00:07	20°♉00'36	26°51'44	
desc. node	-4248 May 22 j 02:55	22°♉44'10		
retrograde	-4248 Jun 02 j 00:34	27°♉21'16		
evening set	-4248 Jun 08 j 17:55	25°♉21'40		
min. Earth dist.	-4248 Jun 12 j 13:39	22°♉39'07	0.60646 AU	
inferior conj	-4248 Jun 15 j 21:01	19°♉51'11	-4°-17'-6	
minimum elong	-4248 Jun 15 j 21:39	19°♉49'49	4°16'58	
morning rise	-4248 Jun 23 j 04:32	15°♉04'41		
direct	-4248 Jun 25 j 16:25	14°♉40'10		
morning max el	-4248 Jul 02 j 20:24	18°♉10'42	18°07'44	
asc. node	-4248 Jul 06 j 10:52	22°♉22'13		
	-4248 Jul 11 j 09:40	0°♊		
morning set	-4248 Jul 18 j 19:36	13°♊24'26		
	-4248 Jul 27 j 19:52	0°♋		
superior conj	-4248 Jul 28 j 19:14	1°♋44'35	1°43'51	
minimum elong	-4248 Jul 28 j 21:58	1°♋56'44	1°43'54	
max. Earth dist.	-4248 Aug 05 j 08:28	14°♋49'35	1.41448 AU	
evening rise	-4248 Aug 10 j 23:44	24°♋06'20		
	-4248 Aug 14 j 16:37	0°♌		
desc. node	-4248 Aug 18 j 01:56	5°♌15'45		
	-4248 Sep 04 j 05:40	0°♍		
greatest brilliancy	-4248 Sep 08 j 13:34	5°♍30'35	-0.3m	
evening max el	-4248 Sep 13 j 08:04	10°♍51'40	22°34'52	
retrograde	-4248 Sep 23 j 01:07	16°♍37'17		
evening set	-4248 Sep 27 j 15:33	14°♍45'56		
asc. node	-4248 Oct 02 j 09:56	9°♍15'10		
inferior conj	-4248 Oct 02 j 23:55	8°♍26'56	0°11'58	
minimum elong	-4248 Oct 02 j 23:38	8°♍27'54	0°11'56	
transit middle	-4248 Oct 02 j 23:38	8°♍27'54	0°11'56	
transit begin	-4248 Oct 02 j 21:48	8°♍34'17		
transit end	-4248 Oct 03 j 01:29	8°♍21'32		
min. Earth dist.	-4248 Oct 02 j 22:17	8°♍32'35	0.67415 AU	
morning rise	-4248 Oct 08 j 07:38	2°♍11'08		
direct	-4248 Oct 12 j 18:34	0°♍24'10		
morning max el	-4248 Oct 22 j 02:55	5°♍57'33	22°10'52	
greatest brilliancy	-4248 Oct 26 j 21:11	11°♍21'20	-0.4m	
	-4248 Nov 09 j 10:56	0°♎		
desc. node	-4248 Nov 14 j 01:51	6°♎53'42		
morning set	-4248 Nov 23 j 22:33	22°♎17'14		
	-4248 Nov 28 j 15:43	0°♏		
max. Earth dist.	-4248 Nov 29 j 21:15	2°♏03'21	1.41109 AU	
superior conj	-4248 Dec 07 j 14:42	15°♏23'44	-1°-52'-21	
minimum elong	-4248 Dec 07 j 12:48	15°♏15'16	1°52'25	
	-4248 Dec 15 j 15:05	0°♐		
evening rise	-4248 Dec 17 j 22:58	4°♐20'10		
asc. node	-4248 Dec 29 j 08:48	24°♐16'02		
	-4247 Jan 02 j 21:38	0°♑		
evening max el	-4247 Jan 03 j 05:27	0°♑19'33	18°15'09	
retrograde	-4247 Jan 10 j 07:16	3°♑52'25		
evening set	-4247 Jan 12 j 20:33	3°♑25'38		
	-4247 Jan 18 j 08:21	30°℞♐		
inferior conj	-4247 Jan 19 j 22:11	28°♐38'49	4°02'13	
minimum elong	-4247 Jan 19 j 22:59	28°♐37'03	4°01'59	
min. Earth dist.	-4247 Jan 23 j 05:16	25°♐46'42	0.60053 AU	
morning rise	-4247 Jan 26 j 22:31	23°♐04'15		
direct	-4247 Feb 02 j 14:45	21°♐02'14		
desc. node	-4247 Feb 10 j 01:24	23°♐20'02		
morning max el	-4247 Feb 16 j 19:03	28°♐39'44	27°13'43	
	-4247 Feb 18 j 02:58	0°♑		
	-4247 Mar 10 j 23:36	0°♒		
morning set	-4247 Mar 19 j 20:07	17°♒10'41		
	-4247 Mar 25 j 20:04	0°♓		
superior conj	-4247 Mar 26 j 23:51	2°♓31'46	0°-3'-38	
minimum elong	-4247 Mar 27 j 00:01	2°♓32'42	0°03'43	
behind sun begin	-4247 Mar 26 j 19:07	2°♓05'56		
behind sun end	-4247 Mar 27 j 04:54	2°♓59'27		
max. Earth dist.	-4247 Mar 26 j 11:47	1°♓25'46	1.32585 AU	
asc. node	-4247 Mar 27 j 08:14	3°♓17'41		
evening rise	-4247 Apr 03 j 00:07	17°♓40'34		
	-4247 Apr 09 j 03:52	0°♈		
	-4247 Apr 29 j 09:31	0°♉		
evening max el	-4247 Apr 30 j 22:10	1°♉31'22	25°50'03	
desc. node	-4247 May 09 j 00:04	7°♉21'00		
retrograde	-4247 May 15 j 00:12	8°♉46'05		
evening set	-4247 May 20 j 20:17	7°♉23'59		
min. Earth dist.	-4247 May 25 j 10:38	4°♉39'48	0.58615 AU	
inferior conj	-4247 May 28 j 18:15	2°♉14'06	-4°-7'-2	
minimum elong	-4247 May 28 j 15:32	2°♉19'07	4°06'43	
	-4247 May 31 j 23:11	30°℞♈		
morning rise	-4247 Jun 05 j 14:41	27°♈49'43		
direct	-4247 Jun 08 j 02:02	27°♈29'37		
	-4247 Jun 14 j 14:55	0°♉		
morning max el	-4247 Jun 16 j 03:40	1°♉18'40	18°38'44	
asc. node	-4247 Jun 23 j 07:53	10°♉37'57		
morning set	-4247 Jul 02 j 10:21	27°♉11'21		
	-4247 Jul 03 j 21:08	0°♊		
superior conj	-4247 Jul 11 j 08:37	14°♊21'00	1°49'17	
minimum elong	-4247 Jul 11 j 08:44	14°♊21'31	1°49'28	
max. Earth dist.	-4247 Jul 18 j 11:35	27°♊18'25	1.39527 AU	
	-4247 Jul 20 j 00:35	0°♋		
evening rise	-4247 Jul 22 j 16:37	4°♋34'13		
desc. node	-4247 Aug 04 j 22:58	25°♋42'04		
	-4247 Aug 07 j 20:42	0°♌		
evening max el	-4247 Aug 26 j 20:38	24°♌18'29	23°55'42	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4247 Sep 03 j 11:52	0°♍	
retrograde	-4247 Sep 06 j 16:38	0°♍41'36	
	-4247 Sep 09 j 16:00	30°℞♌	
evening set	-4247 Sep 11 j 21:44	28°♌30'16	
inferior conj	-4247 Sep 17 j 06:16	22°♌09'40	0°-41'-27
minimum elong	-4247 Sep 17 j 07:14	22°♌06'23	0°40'56
min. Earth dist.	-4247 Sep 16 j 18:18	22°♌50'23	0.67332 AU
asc. node	-4247 Sep 19 j 07:03	19°♌28'28	
morning rise	-4247 Sep 22 j 16:55	15°♌58'48	
direct	-4247 Sep 26 j 14:36	14°♌32'25	
morning max el	-4247 Oct 04 j 21:25	19°♌24'25	20°52'12
greatest brilliancy	-4247 Oct 10 j 18:03	26°♌19'51	-0.5m
	-4247 Oct 13 j 11:39	0°♍	
desc. node	-4247 Oct 31 j 22:48	27°♍20'22	
	-4247 Nov 02 j 15:59	0°♎	
morning set	-4247 Nov 03 j 03:22	0°♎44'20	
max. Earth dist.	-4247 Nov 12 j 03:12	15°♎01'45	1.42890 AU
superior conj	-4247 Nov 18 j 19:25	26°♎03'44	-1°-37'-34
minimum elong	-4247 Nov 18 j 13:54	25°♎40'32	1°37'14
	-4247 Nov 21 j 03:10	0°♏	
evening rise	-4247 Nov 30 j 17:43	16°♏47'31	
	-4247 Dec 08 j 06:10	0°♐	
asc. node	-4247 Dec 16 j 05:55	11°♐52'35	
evening max el	-4247 Dec 17 j 16:44	13°♐27'17	18°08'01
retrograde	-4247 Dec 24 j 08:04	16°♐55'39	
evening set	-4247 Dec 27 j 00:01	16°♐21'42	
inferior conj	-4246 Jan 02 j 13:43	11°♐13'11	3°59'35
minimum elong	-4246 Jan 02 j 12:10	11°♐17'05	3°59'16
min. Earth dist.	-4246 Jan 05 j 10:31	8°♐21'41	0.62016 AU
morning rise	-4246 Jan 08 j 22:10	5°♐23'33	
direct	-4246 Jan 15 j 23:10	2°♐51'18	
desc. node	-4246 Jan 27 j 22:28	8°♐42'04	
morning max el	-4246 Jan 29 j 22:42	10°♐34'28	27°41'16
	-4246 Feb 14 j 04:49	0°♑	
	-4246 Mar 03 j 03:39	0°♒	
morning set	-4246 Mar 04 j 00:51	1°♒47'17	
max. Earth dist.	-4246 Mar 09 j 22:49	14°♒13'50	1.32824 AU
superior conj	-4246 Mar 11 j 10:23	17°♒26'13	0°-28'-40
minimum elong	-4246 Mar 11 j 11:40	17°♒33'10	0°28'33
asc. node	-4246 Mar 14 j 05:15	23°♒29'39	
	-4246 Mar 17 j 05:39	0°♓	
evening rise	-4246 Mar 18 j 11:33	2°♓38'32	
	-4246 Apr 02 j 11:50	0°♈	
evening max el	-4246 Apr 12 j 14:57	12°♈26'51	24°25'36
desc. node	-4246 Apr 25 j 21:13	19°♈26'36	
retrograde	-4246 Apr 26 j 12:49	19°♈27'35	
evening set	-4246 May 01 j 02:09	18°♈40'50	
min. Earth dist.	-4246 May 07 j 02:51	15°♈39'43	0.56807 AU
inferior conj	-4246 May 09 j 19:33	13°♈56'31	-3°-22'-16
minimum elong	-4246 May 09 j 14:00	14°♈05'27	3°21'03
morning rise	-4246 May 18 j 05:58	9°♈50'50	
direct	-4246 May 20 j 16:58	9°♈34'19	
morning max el	-4246 May 30 j 03:01	13°♈56'49	19°30'07
asc. node	-4246 Jun 10 j 04:55	29°♈32'08	
	-4246 Jun 10 j 11:05	0°♉	
morning set	-4246 Jun 16 j 10:01	11°♉27'19	
superior conj	-4246 Jun 24 j 14:26	27°♉48'36	1°45'06
minimum elong	-4246 Jun 24 j 12:45	27°♉40'22	1°45'10
	-4246 Jun 25 j 17:19	0°♊	
max. Earth dist.	-4246 Jun 30 j 13:25	9°♊11'59	1.37606 AU
evening rise	-4246 Jul 04 j 11:12	16°♊18'07	
	-4246 Jul 12 j 12:19	0°♋	
desc. node	-4246 Jul 22 j 20:01	15°♋52'44	
	-4246 Aug 02 j 07:51	0°♌	
evening max el	-4246 Aug 09 j 07:13	7°♌47'43	25°13'07
retrograde	-4246 Aug 21 j 04:08	14°♌41'31	
evening set	-4246 Aug 27 j 00:20	12°♌12'08	
min. Earth dist.	-4246 Aug 31 j 11:50	7°♌08'25	0.66936 AU
inferior conj	-4246 Sep 01 j 10:44	5°♌53'19	-1°-34'-3
minimum elong	-4246 Sep 01 j 12:54	5°♌46'13	1°33'04
asc. node	-4246 Sep 06 j 04:10	0°♌31'10	
	-4246 Sep 06 j 20:22	30°℞♋	
morning rise	-4246 Sep 07 j 01:57	29°♋50'25	
direct	-4246 Sep 10 j 12:27	28°♋41'56	
	-4246 Sep 14 j 09:53	0°♌	
morning max el	-4246 Sep 17 j 23:08	2°♌59'35	19°45'13
greatest brilliancy	-4246 Sep 26 j 03:02	13°♌18'46	-0.6m
	-4246 Oct 07 j 06:21	0°♍	
morning set	-4246 Oct 13 j 02:38	9°♍02'03	
desc. node	-4246 Oct 18 j 19:43	17°♍56'16	
max. Earth dist.	-4246 Oct 25 j 15:30	28°♍41'53	1.44163 AU
	-4246 Oct 26 j 11:08	0°♎	
superior conj	-4246 Oct 29 j 20:28	5°♎25'45	-1°-6'-13
minimum elong	-4246 Oct 29 j 13:41	4°♎58'28	1°05'29
evening rise	-4246 Nov 12 j 17:28	28°♎21'50	
	-4246 Nov 13 j 16:41	0°♏	
evening max el	-4246 Dec 01 j 05:27	26°♏46'01	18°19'55
asc. node	-4246 Dec 03 j 03:01	28°♏28'32	
	-4246 Dec 05 j 19:39	0°♐	
retrograde	-4246 Dec 07 j 18:58	0°♐20'45	
	-4246 Dec 09 j 18:08	30°℞♏	
evening set	-4246 Dec 10 j 14:41	29°♏38'14	
inferior conj	-4246 Dec 16 j 18:54	24°♏10'06	3°38'16
minimum elong	-4246 Dec 16 j 16:02	24°♏18'05	3°37'36
min. Earth dist.	-4246 Dec 19 j 01:35	21°♏37'30	0.63757 AU
morning rise	-4246 Dec 22 j 15:51	18°♏09'30	
direct	-4246 Dec 29 j 15:30	15°♏21'19	
morning max el	-4245 Jan 12 j 06:40	23°♏04'53	27°32'40
desc. node	-4245 Jan 14 j 19:30	25°♏43'29	
	-4245 Jan 18 j 11:47	0°♐	
	-4245 Feb 07 j 09:56	0°♑	
morning set	-4245 Feb 15 j 22:33	15°♑58'34	
max. Earth dist.	-4245 Feb 21 j 03:16	26°♑35'41	1.33446 AU
	-4245 Feb 22 j 17:59	0°♒	
superior conj	-4245 Feb 23 j 17:56	2°♒07'29	0°-53'-4
minimum elong	-4245 Feb 23 j 20:12	2°♒19'38	0°52'49
asc. node	-4245 Mar 01 j 02:16	13°♒35'06	
evening rise	-4245 Mar 02 j 23:00	17°♒31'43	
	-4245 Mar 09 j 04:41	0°♓	
evening max el	-4245 Mar 25 j 07:28	23°♓09'54	22°51'40
retrograde	-4245 Apr 07 j 12:55	29°♓39'27	
evening set	-4245 Apr 10 j 19:53	29°♓15'45	
desc. node	-4245 Apr 12 j 18:21	28°♓41'09	
min. Earth dist.	-4245 Apr 18 j 17:27	25°♓45'59	0.55565 AU
inferior conj	-4245 Apr 20 j 02:09	24°♓58'42	-1°-57'-35
minimum elong	-4245 Apr 19 j 21:15	25°♓05'49	1°56'05
morning rise	-4245 Apr 29 j 01:16	21°♓01'28	
direct	-4245 May 01 j 14:14	20°♓46'11	
morning max el	-4245 May 12 j 16:10	25°♓56'38	20°41'25
	-4245 May 16 j 10:12	0°♈	
asc. node	-4245 May 28 j 01:56	18°♈55'25	
morning set	-4245 May 31 j 15:55	26°♈05'14	
	-4245 Jun 02 j 13:34	0°♉	
superior conj	-4245 Jun 08 j 07:57	11°♉53'56	1°33'50
minimum elong	-4245 Jun 08 j 05:25	11°♉40'55	1°33'43
max. Earth dist.	-4245 Jun 12 j 20:42	20°♉58'06	1.35904 AU
evening rise	-4245 Jun 17 j 03:00	29°♉07'04	
	-4245 Jun 17 j 14:23	0°♊	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4245 Jul 05 j 17:08	0°♋	
desc. node	-4245 Jul 09 j 17:04	5°♋40'51	
evening max el	-4245 Jul 22 j 18:07	21°♋18'43	26°19'01
retrograde	-4245 Aug 04 j 10:57	28°♋32'00	
evening set	-4245 Aug 10 j 21:17	25°♋49'35	
min. Earth dist.	-4245 Aug 15 j 00:30	21°♋24'10	0.66205 AU
inferior conj	-4245 Aug 16 j 11:28	19°♋35'58	-2°-24'00
minimum elong	-4245 Aug 16 j 14:38	19°♋26'12	2°22'44
morning rise	-4245 Aug 22 j 08:50	13°♋44'13	
asc. node	-4245 Aug 24 j 01:16	13°♋01'14	
direct	-4245 Aug 25 j 10:32	12°♋50'16	
morning max el	-4245 Sep 01 j 07:17	16°♋41'53	18°52'55
	-4245 Sep 11 j 05:15	0°♌	
morning set	-4245 Sep 22 j 18:48	18°♌13'02	
	-4245 Sep 30 j 05:16	0°♍	
desc. node	-4245 Oct 05 j 16:40	8°♍38'05	
max. Earth dist.	-4245 Oct 08 j 08:09	12°♍48'14	1.44780 AU
superior conj	-4245 Oct 09 j 00:01	13°♍50'47	0°-20'-49
minimum elong	-4245 Oct 08 j 21:18	13°♍40'04	0°20'25
	-4245 Oct 19 j 04:34	0°♎	
evening rise	-4245 Oct 24 j 17:43	8°♎54'22	
	-4245 Nov 06 j 23:41	0°♏	
evening max el	-4245 Nov 14 j 17:01	10°♏10'50	18°49'48
asc. node	-4245 Nov 20 j 00:07	13°♏48'40	
retrograde	-4245 Nov 21 j 12:08	14°♏01'13	
evening set	-4245 Nov 24 j 13:23	13°♏08'05	
inferior conj	-4245 Nov 30 j 10:10	7°♏22'56	3°04'22
minimum elong	-4245 Nov 30 j 06:59	7°♏32'41	3°03'24
min. Earth dist.	-4245 Dec 02 j 02:18	5°♏20'38	0.65168 AU
morning rise	-4245 Dec 05 j 23:30	1°♏14'20	
	-4245 Dec 07 j 14:50	30°℞♎	
direct	-4245 Dec 12 j 14:25	28°♎25'09	
	-4245 Dec 18 j 02:02	0°♏	
morning max el	-4245 Dec 25 j 16:12	5°♏59'59	26°51'58
desc. node	-4244 Jan 01 j 16:32	13°♏55'31	
	-4244 Jan 13 j 05:10	0°♐	
morning set	-4244 Jan 30 j 09:53	29°♐33'46	
	-4244 Jan 30 j 15:21	0°♑	
max. Earth dist.	-4244 Feb 03 j 21:32	8°♑22'38	1.34500 AU
superior conj	-4244 Feb 07 j 20:26	16°♑28'54	-1°-15'-38
minimum elong	-4244 Feb 07 j 23:24	16°♑44'18	1°15'24
	-4244 Feb 14 j 06:57	0°♒	
evening rise	-4244 Feb 15 j 08:43	2°♒14'07	
asc. node	-4244 Feb 15 j 23:16	3°♒29'24	
	-4244 Mar 02 j 11:21	0°♓	
evening max el	-4244 Mar 06 j 05:54	4°♓07'15	21°21'33
retrograde	-4244 Mar 18 j 03:15	9°♓48'52	
evening set	-4244 Mar 20 j 15:58	9°♓34'16	
inferior conj	-4244 Mar 29 j 22:04	5°♓34'47	0°-4'-32
minimum elong	-4244 Mar 29 j 21:51	5°♓35'05	0°04'34
transit middle	-4244 Mar 29 j 21:51	5°♓35'05	0°04'34
transit begin	-4244 Mar 29 j 17:55	5°♓40'38	
transit end	-4244 Mar 30 j 01:46	5°♓29'33	
desc. node	-4244 Mar 29 j 15:30	5°♓44'02	
min. Earth dist.	-4244 Mar 30 j 07:37	5°♓21'19	0.55175 AU
morning rise	-4244 Apr 08 j 03:26	1°♓29'50	
direct	-4244 Apr 11 j 02:46	1°♓10'26	
morning max el	-4244 Apr 23 j 18:19	7°♓14'09	22°09'50
	-4244 May 09 j 13:42	0°♈	
asc. node	-4244 May 13 j 22:56	8°♈39'36	
morning set	-4244 May 15 j 01:44	10°♈57'51	
superior conj	-4244 May 22 j 09:35	26°♈25'18	1°17'28
minimum elong	-4244 May 22 j 06:54	26°♈11'13	1°17'10
	-4244 May 24 j 02:39	0°♉	
max. Earth dist.	-4244 May 25 j 13:46	3°♉01'21	1.34542 AU
evening rise	-4244 May 30 j 10:33	12°♉44'56	
	-4244 Jun 08 j 21:52	0°♊	
desc. node	-4244 Jun 25 j 14:08	24°♊56'07	
	-4244 Jun 29 j 18:27	0°♋	
evening max el	-4244 Jul 04 j 05:36	4°♋43'23	27°05'20
retrograde	-4244 Jul 17 j 12:21	12°♋05'22	
evening set	-4244 Jul 24 j 09:59	9°♋18'27	
min. Earth dist.	-4244 Jul 28 j 05:57	5°♋31'24	0.65107 AU
inferior conj	-4244 Jul 30 j 06:19	3°♋13'15	-3°-9'-6
minimum elong	-4244 Jul 30 j 10:01	3°♋02'40	3°07'53
	-4244 Aug 02 j 06:15	30°℞♊	
morning rise	-4244 Aug 05 j 11:20	27°♊36'03	
direct	-4244 Aug 08 j 06:36	26°♊53'25	
asc. node	-4244 Aug 09 j 22:21	27°♊08'12	
	-4244 Aug 14 j 08:50	0°♋	
morning max el	-4244 Aug 14 j 19:55	0°♋27'16	18°17'04
morning set	-4244 Sep 02 j 13:56	28°♋42'33	
	-4244 Sep 03 j 08:40	0°♌	
superior conj	-4244 Sep 17 j 01:22	22°♌13'43	0°28'20
minimum elong	-4244 Sep 17 j 04:50	22°♌27'28	0°28'01
max. Earth dist.	-4244 Sep 20 j 02:14	27°♌02'39	1.44670 AU
desc. node	-4244 Sep 21 j 13:34	29°♌22'07	
	-4244 Sep 21 j 23:11	0°♍	
evening rise	-4244 Oct 03 j 17:05	18°♍23'11	
	-4244 Oct 11 j 04:26	0°♎	
greatest brilliancy	-4244 Oct 19 j 12:34	12°♎37'15	-0.7m
evening max el	-4244 Oct 28 j 01:00	23°♎37'30	19°36'16
retrograde	-4244 Nov 04 j 08:31	27°♎52'05	
asc. node	-4244 Nov 05 j 21:13	27°♎38'32	
evening set	-4244 Nov 07 j 17:23	26°♎45'47	
inferior conj	-4244 Nov 13 j 08:34	20°♎46'39	2°22'00
minimum elong	-4244 Nov 13 j 05:43	20°♎55'54	2°20'59
min. Earth dist.	-4244 Nov 14 j 11:18	19°♎19'45	0.66216 AU
morning rise	-4244 Nov 18 j 17:20	14°♎32'33	
direct	-4244 Nov 24 j 19:01	11°♎54'10	
morning max el	-4244 Dec 07 j 01:24	19°♎08'19	25°46'44
	-4244 Dec 16 j 08:16	0°♏	
desc. node	-4244 Dec 18 j 13:32	2°♏57'11	
	-4243 Jan 05 j 06:31	0°♐	
morning set	-4243 Jan 12 j 06:25	12°♐19'42	
max. Earth dist.	-4243 Jan 16 j 04:22	19°♐39'34	1.35998 AU
	-4243 Jan 21 j 10:49	0°♑	
superior conj	-4243 Jan 21 j 15:20	0°♑22'39	-1°-34'-52
minimum elong	-4243 Jan 21 j 18:23	0°♑38'01	1°34'46
evening rise	-4243 Jan 29 j 14:47	16°♑39'52	
asc. node	-4243 Feb 01 j 20:17	23°♑07'37	
	-4243 Feb 05 j 11:48	0°♒	
evening max el	-4243 Feb 16 j 14:08	15°♒36'23	20°04'54
retrograde	-4243 Feb 26 j 19:10	20°♒26'55	
evening set	-4243 Mar 01 j 02:57	20°♒12'58	
inferior conj	-4243 Mar 09 j 21:08	16°♒13'02	1°46'33
minimum elong	-4243 Mar 10 j 01:21	16°♒06'38	1°45'05
min. Earth dist.	-4243 Mar 11 j 21:43	14°♒59'44	0.55718 AU
desc. node	-4243 Mar 16 j 12:38	12°♒34'27	
morning rise	-4243 Mar 18 j 21:02	11°♒44'29	
direct	-4243 Mar 22 j 18:45	11°♒10'58	
morning max el	-4243 Apr 05 j 12:06	17°♒59'29	23°48'08
	-4243 Apr 15 j 07:08	0°♓	
morning set	-4243 Apr 29 j 13:38	25°♓59'09	
asc. node	-4243 Apr 30 j 19:55	28°♓38'47	
	-4243 May 01 j 11:11	0°♈	
superior conj	-4243 May 06 j 16:37	11°♈14'27	0°57'27
minimum elong	-4243 May 06 j 14:21	11°♈02'16	0°57'04

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4243 May 08 j 16:31	15°♈30'29	1.33548 AU
evening rise	-4243 May 14 j 05:24	26°♈58'07	
	-4243 May 15 j 18:03	0°♉	
	-4243 Jun 02 j 05:30	0°♊	
desc. node	-4243 Jun 12 j 11:13	13°♊24'37	
evening max el	-4243 Jun 16 j 16:08	17°♊49'47	27°24'58
retrograde	-4243 Jun 30 j 07:57	25°♊13'47	
evening set	-4243 Jul 07 j 11:21	22°♊34'06	
min. Earth dist.	-4243 Jul 11 j 02:14	19°♊21'19	0.63628 AU
inferior conj	-4243 Jul 13 j 16:41	16°♊40'10	-3°-46'-19
minimum elong	-4243 Jul 13 j 20:10	16°♊31'09	3°45'28
morning rise	-4243 Jul 20 j 06:53	11°♊20'50	
direct	-4243 Jul 22 j 21:54	10°♊46'48	
asc. node	-4243 Jul 27 j 19:25	12°♊44'23	
morning max el	-4243 Jul 29 j 10:40	14°♊11'33	17°58'46
	-4243 Aug 09 j 09:44	0°♋	
morning set	-4243 Aug 15 j 10:37	10°♋25'06	
	-4243 Aug 26 j 22:49	0°♌	
superior conj	-4243 Aug 27 j 21:53	1°♌35'16	1°08'58
minimum elong	-4243 Aug 28 j 03:45	1°♌59'24	1°08'29
max. Earth dist.	-4243 Sep 02 j 18:30	11°♌06'41	1.43855 AU
desc. node	-4243 Sep 08 j 10:29	20°♌05'42	
evening rise	-4243 Sep 12 j 23:10	27°♌08'46	
	-4243 Sep 14 j 19:36	0°♍	
greatest brilliancy	-4243 Oct 05 j 01:22	29°♍44'56	-0.5m
	-4243 Oct 05 j 05:55	0°♎	
evening max el	-4243 Oct 11 j 03:32	7°♎03'29	20°37'13
retrograde	-4243 Oct 19 j 05:43	11°♎49'56	
evening set	-4243 Oct 23 j 00:23	10°♎27'51	
asc. node	-4243 Oct 23 j 18:20	9°♎52'02	
inferior conj	-4243 Oct 28 j 11:40	4°♎18'03	1°33'59
minimum elong	-4243 Oct 28 j 09:37	4°♎24'59	1°33'11
min. Earth dist.	-4243 Oct 29 j 02:32	3°♎27'38	0.66922 AU
	-4243 Oct 31 j 19:41	30°℞♍	
morning rise	-4243 Nov 02 j 18:23	28°♍00'56	
direct	-4243 Nov 08 j 04:49	25°♍40'35	
	-4243 Nov 16 j 21:56	0°♎	
morning max el	-4243 Nov 19 j 10:09	2°♎21'51	24°26'03
desc. node	-4243 Dec 05 j 10:28	22°♎33'28	
	-4243 Dec 10 j 11:42	0°♏	
morning set	-4243 Dec 25 j 06:22	23°♏59'32	
	-4243 Dec 28 j 15:45	0°♐	
max. Earth dist.	-4243 Dec 29 j 02:26	0°♐48'13	1.37874 AU
superior conj	-4242 Jan 04 j 23:06	13°♐37'50	-1°-48'-42
minimum elong	-4242 Jan 05 j 01:18	13°♐48'23	1°48'47
	-4242 Jan 13 j 06:36	0°♑	
evening rise	-4242 Jan 13 j 14:56	0°♑41'16	
asc. node	-4242 Jan 19 j 17:19	12°♑22'48	
evening max el	-4242 Jan 30 j 08:38	27°♑40'15	19°06'34
	-4242 Feb 02 j 06:42	0°♒	
retrograde	-4242 Feb 08 j 00:43	1°♒49'05	
evening set	-4242 Feb 10 j 09:46	1°♒31'43	
	-4242 Feb 14 j 05:25	30°℞♑	
inferior conj	-4242 Feb 18 j 11:25	27°♑17'57	3°08'12
minimum elong	-4242 Feb 18 j 16:13	27°♑09'37	3°06'59
min. Earth dist.	-4242 Feb 21 j 12:48	25°♑11'41	0.57053 AU
morning rise	-4242 Feb 26 j 18:55	22°♑19'16	
desc. node	-4242 Mar 03 j 09:46	21°♑18'03	
direct	-4242 Mar 03 j 22:12	21°♑17'25	
morning max el	-4242 Mar 18 j 03:04	28°♑35'20	25°23'55
	-4242 Mar 19 j 12:57	0°♒	
	-4242 Apr 08 j 14:21	0°♓	
morning set	-4242 Apr 14 j 01:50	11°♓01'59	
asc. node	-4242 Apr 17 j 16:54	18°♓47'04	
superior conj	-4242 Apr 21 j 02:52	26°♓13'06	0°34'53
minimum elong	-4242 Apr 21 j 01:23	26°♓05'02	0°34'34
max. Earth dist.	-4242 Apr 22 j 02:10	28°♓19'50	1.32906 AU
	-4242 Apr 22 j 20:39	0°♈	
evening rise	-4242 Apr 28 j 07:58	11°♈34'35	
	-4242 May 07 j 23:37	0°♉	
	-4242 May 29 j 13:05	0°♊	
evening max el	-4242 May 29 j 23:13	0°♊24'31	27°13'12
desc. node	-4242 May 30 j 08:22	0°♊46'11	
retrograde	-4242 Jun 12 j 21:10	7°♊47'37	
evening set	-4242 Jun 19 j 21:30	5°♊29'15	
min. Earth dist.	-4242 Jun 23 j 12:35	2°♊40'18	0.61801 AU
	-4242 Jun 26 j 10:46	30°℞♉	
inferior conj	-4242 Jun 26 j 15:27	29°♉49'12	-4°-11'-5
minimum elong	-4242 Jun 26 j 17:32	29°♉44'24	4°10'45
morning rise	-4242 Jul 03 j 16:16	24°♉50'31	
direct	-4242 Jul 06 j 04:51	24°♉23'03	
morning max el	-4242 Jul 13 j 00:50	27°♉48'17	17°58'59
asc. node	-4242 Jul 14 j 16:29	29°♉34'29	
	-4242 Jul 15 j 01:06	0°♊	
morning set	-4242 Jul 29 j 03:37	23°♊06'10	
	-4242 Aug 01 j 22:54	0°♋	
superior conj	-4242 Aug 08 j 22:05	12°♋19'40	1°35'13
minimum elong	-4242 Aug 09 j 02:24	12°♋38'20	1°35'05
max. Earth dist.	-4242 Aug 16 j 05:47	24°♋41'05	1.42445 AU
	-4242 Aug 19 j 12:04	0°♌	
evening rise	-4242 Aug 23 j 06:06	5°♌58'56	
desc. node	-4242 Aug 26 j 07:28	10°♌45'52	
	-4242 Sep 08 j 03:33	0°♍	
greatest brilliancy	-4242 Sep 19 j 02:52	14°♍55'20	-0.4m
evening max el	-4242 Sep 23 j 23:48	20°♍28'39	21°49'40
retrograde	-4242 Oct 03 j 01:53	25°♍52'36	
evening set	-4242 Oct 07 j 08:28	24°♍12'26	
asc. node	-4242 Oct 10 j 15:28	20°♍43'39	
inferior conj	-4242 Oct 12 j 17:27	17°♍55'34	0°42'31
minimum elong	-4242 Oct 12 j 16:28	17°♍58'56	0°42'09
min. Earth dist.	-4242 Oct 12 j 21:39	17°♍41'02	0.67317 AU
morning rise	-4242 Oct 18 j 00:14	11°♍38'15	
direct	-4242 Oct 22 j 19:23	9°♍39'01	
morning max el	-4242 Nov 01 j 20:19	15°♍38'36	22°59'39
greatest brilliancy	-4242 Nov 06 j 18:22	21°♍10'33	-0.3m
	-4242 Nov 13 j 12:58	0°♎	
desc. node	-4242 Nov 22 j 07:24	12°♎34'43	
	-4242 Dec 03 j 12:27	0°♏	
morning set	-4242 Dec 06 j 03:52	4°♏19'26	
max. Earth dist.	-4242 Dec 10 j 22:28	12°♏22'27	1.39939 AU
superior conj	-4242 Dec 18 j 15:23	26°♏03'13	-1°-54'-16
minimum elong	-4242 Dec 18 j 15:22	26°♏03'09	1°54'26
	-4242 Dec 20 j 18:40	0°♐	
evening rise	-4242 Dec 28 j 06:26	14°♐11'50	
	-4241 Jan 05 j 21:58	0°♑	
asc. node	-4241 Jan 06 j 14:23	1°♑07'24	
evening max el	-4241 Jan 13 j 11:50	10°♑15'00	18°28'10
retrograde	-4241 Jan 21 j 00:33	13°♑56'39	
evening set	-4241 Jan 23 j 12:12	13°♑33'46	
inferior conj	-4241 Jan 30 j 21:57	8°♑59'55	3°52'06
minimum elong	-4241 Jan 31 j 00:25	8°♑54'57	3°51'38
min. Earth dist.	-4241 Feb 03 j 07:09	6°♑17'33	0.58896 AU
morning rise	-4241 Feb 07 j 09:10	3°♑36'06	
direct	-4241 Feb 13 j 14:52	1°♑55'37	
desc. node	-4241 Feb 18 j 06:52	2°♑49'46	
morning max el	-4241 Feb 27 j 21:00	9°♑29'12	26°41'55
	-4241 Mar 15 j 13:05	0°♒	
morning set	-4241 Mar 29 j 12:38	26°♒00'01	
	-4241 Mar 31 j 10:07	0°♓	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4241 Apr 04 j 13:53	9°♓00'04	
superior conj	-4241 Apr 05 j 14:32	11°♓14'58	0°10'43
minimum elong	-4241 Apr 05 j 14:04	11°♓12'23	0°10'33
behind sun begin	-4241 Apr 05 j 10:20	10°♓51'55	
behind sun end	-4241 Apr 05 j 17:49	11°♓32'51	
max. Earth dist.	-4241 Apr 05 j 15:12	11°♓18'37	1.32601 AU
evening rise	-4241 Apr 12 j 15:38	26°♓25'20	
	-4241 Apr 14 j 09:16	0°♈	
	-4241 May 01 j 16:59	0°♉	
evening max el	-4241 May 12 j 00:47	12°♉19'03	26°28'52
desc. node	-4241 May 17 j 05:31	16°♉33'01	
retrograde	-4241 May 26 j 02:42	19°♉38'36	
evening set	-4241 Jun 01 j 12:20	17°♉54'18	
min. Earth dist.	-4241 Jun 05 j 14:00	15°♉13'04	0.59773 AU
inferior conj	-4241 Jun 08 j 23:02	12°♉31'35	-4°-16'-28
minimum elong	-4241 Jun 08 j 22:20	12°♉32'59	4°16'21
morning rise	-4241 Jun 16 j 11:55	7°♉54'49	
direct	-4241 Jun 18 j 23:21	7°♉32'27	
morning max el	-4241 Jun 26 j 11:29	11°♉09'24	18°18'27
asc. node	-4241 Jul 01 j 13:32	17°♉22'53	
	-4241 Jul 09 j 00:12	0°♊	
morning set	-4241 Jul 12 j 11:40	6°♊31'55	
superior conj	-4241 Jul 21 j 23:29	24°♊19'20	1°47'30
minimum elong	-4241 Jul 22 j 01:02	24°♊26'22	1°47'39
	-4241 Jul 25 j 03:10	0°♋	
max. Earth dist.	-4241 Jul 29 j 10:53	7°♋32'18	1.40643 AU
evening rise	-4241 Aug 03 j 08:04	15°♋43'42	
	-4241 Aug 12 j 07:58	0°♌	
desc. node	-4241 Aug 13 j 04:29	1°♌18'22	
greatest brilliancy	-4241 Sep 01 j 02:21	27°♌42'36	-0.2m
	-4241 Sep 03 j 00:28	0°♍	
evening max el	-4241 Sep 06 j 14:34	3°♍54'07	23°09'14
retrograde	-4241 Sep 16 j 19:25	9°♍56'47	
evening set	-4241 Sep 21 j 15:50	7°♍57'05	
inferior conj	-4241 Sep 27 j 00:05	1°♍36'51	0°-10'-41
minimum elong	-4241 Sep 27 j 00:20	1°♍36'00	0°10'30
transit middle	-4241 Sep 27 j 00:20	1°♍36'00	0°10'30
transit begin	-4241 Sep 26 j 22:15	1°♍43'08	
transit end	-4241 Sep 27 j 02:24	1°♍28'52	
min. Earth dist.	-4241 Sep 26 j 18:07	1°♍57'21	0.67413 AU
asc. node	-4241 Sep 27 j 12:36	0°♍53'52	
	-4241 Sep 28 j 04:29	30°℞♌	
morning rise	-4241 Oct 02 j 08:49	25°♌22'28	
direct	-4241 Oct 06 j 13:50	23°♌44'28	
morning max el	-4241 Oct 15 j 10:54	29°♌00'05	21°36'07
	-4241 Oct 16 j 09:46	0°♍	
greatest brilliancy	-4241 Oct 20 j 13:18	4°♍52'06	-0.4m
	-4241 Nov 07 j 06:46	0°♎	
desc. node	-4241 Nov 09 j 04:20	2°♎53'22	
morning set	-4241 Nov 15 j 21:00	13°♎18'20	
max. Earth dist.	-4241 Nov 22 j 23:24	24°♎46'46	1.41914 AU
	-4241 Nov 26 j 02:31	0°♏	
superior conj	-4241 Nov 30 j 10:38	7°♏25'05	-1°-48'00
minimum elong	-4241 Nov 30 j 07:09	7°♏09'59	1°47'56
evening rise	-4241 Dec 11 j 09:51	27°♏03'44	
	-4241 Dec 13 j 00:26	0°♐	
asc. node	-4241 Dec 24 j 11:28	19°♐11'43	
evening max el	-4241 Dec 27 j 21:00	23°♐12'44	18°09'48
retrograde	-4240 Jan 03 j 17:09	26°♐41'56	
evening set	-4240 Jan 06 j 07:31	26°♐12'14	
inferior conj	-4240 Jan 13 j 03:47	21°♐16'22	4°03'50
minimum elong	-4240 Jan 13 j 03:28	21°♐17'07	4°03'38
min. Earth dist.	-4240 Jan 16 j 07:29	18°♐21'34	0.60905 AU
morning rise	-4240 Jan 19 j 20:49	15°♐34'53	
direct	-4240 Jan 26 j 18:22	13°♐18'04	
desc. node	-4240 Feb 05 j 03:56	16°♐57'16	
morning max el	-4240 Feb 09 j 20:50	20°♐58'52	27°29'53
	-4240 Feb 17 j 17:35	0°♑	
	-4240 Mar 07 j 09:48	0°♒	
morning set	-4240 Mar 12 j 20:12	10°♒46'24	
max. Earth dist.	-4240 Mar 19 j 04:01	24°♒14'11	1.32635 AU
superior conj	-4240 Mar 20 j 01:58	26°♒13'53	0°-14'-16
minimum elong	-4240 Mar 20 j 02:37	26°♒17'24	0°14'15
behind sun begin	-4240 Mar 20 j 00:25	26°♒05'26	
behind sun end	-4240 Mar 20 j 04:48	26°♒29'22	
asc. node	-4240 Mar 21 j 10:53	29°♒13'39	
	-4240 Mar 21 j 19:23	0°♓	
evening rise	-4240 Mar 27 j 02:13	11°♓22'48	
	-4240 Apr 05 j 16:23	0°♈	
evening max el	-4240 Apr 22 j 20:28	23°♈34'02	25°16'22
	-4240 May 02 j 13:45	0°♉	
desc. node	-4240 May 03 j 02:40	0°♉10'10	
retrograde	-4240 May 06 j 22:08	0°♉44'13	
	-4240 May 11 j 06:18	30°℞♈	
evening set	-4240 May 12 j 05:36	29°♈38'29	
min. Earth dist.	-4240 May 17 j 08:53	26°♈48'27	0.57794 AU
inferior conj	-4240 May 20 j 12:05	24°♈38'47	-3°-52'-56
minimum elong	-4240 May 20 j 07:56	24°♈46'01	3°52'15
morning rise	-4240 May 28 j 14:21	20°♈22'45	
direct	-4240 May 31 j 01:23	20°♈04'22	
morning max el	-4240 Jun 08 j 15:44	24°♈06'15	18°58'00
	-4240 Jun 13 j 15:15	0°♉	
asc. node	-4240 Jun 17 j 10:34	5°♉56'42	
morning set	-4240 Jun 25 j 06:40	20°♉32'43	
	-4240 Jun 30 j 01:54	0°♊	
superior conj	-4240 Jul 03 j 20:32	7°♊19'34	1°48'31
minimum elong	-4240 Jul 03 j 19:47	7°♊15'55	1°48'40
max. Earth dist.	-4240 Jul 10 j 12:48	19°♊44'12	1.38701 AU
evening rise	-4240 Jul 14 j 12:22	26°♊45'33	
	-4240 Jul 16 j 09:49	0°♋	
desc. node	-4240 Jul 30 j 01:31	21°♋38'50	
	-4240 Aug 04 j 21:15	0°♌	
evening max el	-4240 Aug 19 j 02:11	17°♌22'42	24°29'31
retrograde	-4240 Aug 30 j 09:16	23°♌59'34	
evening set	-4240 Sep 04 j 20:43	21°♌40'28	
min. Earth dist.	-4240 Sep 09 j 13:26	16°♌15'28	0.67210 AU
inferior conj	-4240 Sep 10 j 05:52	15°♌20'20	-1°-3'-58
minimum elong	-4240 Sep 10 j 07:21	15°♌15'20	1°03'14
asc. node	-4240 Sep 13 j 09:44	11°♌21'56	
morning rise	-4240 Sep 15 j 18:15	9°♌12'17	
direct	-4240 Sep 19 j 10:59	7°♌53'41	
morning max el	-4240 Sep 27 j 08:19	12°♌29'52	20°21'55
greatest brilliancy	-4240 Oct 04 j 00:24	20°♌35'16	-0.6m
	-4240 Oct 10 j 15:30	0°♍	
morning set	-4240 Oct 24 j 20:24	21°♍32'08	
desc. node	-4240 Oct 26 j 01:16	23°♍24'12	
	-4240 Oct 30 j 06:24	0°♎	
max. Earth dist.	-4240 Nov 04 j 08:14	8°♎04'35	1.43513 AU
superior conj	-4240 Nov 10 j 03:37	17°♎31'37	-1°-26'-18
minimum elong	-4240 Nov 09 j 21:02	17°♎04'30	1°25'46
	-4240 Nov 17 j 13:51	0°♏	
evening rise	-4240 Nov 22 j 21:02	9°♏09'02	
	-4240 Dec 05 j 07:39	0°♐	
asc. node	-4240 Dec 10 j 08:33	6°♐24'00	
evening max el	-4240 Dec 10 j 09:16	6°♐25'48	18°10'50
retrograde	-4240 Dec 16 j 22:39	9°♐55'14	
evening set	-4240 Dec 19 j 16:10	9°♐17'41	
inferior conj	-4240 Dec 26 j 01:32	4°♐00'30	3°52'22

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4240 Dec	25 j 23:17	4°♐06'24	3°51'55	evening set	-4239 Dec	03 j 10:40	22°♏41'13	
min. Earth dist.	-4240 Dec	28 j 16:32	1°♐15'23	0.62798 AU	inferior conj	-4239 Dec	09 j 11:26	17°♏05'10	3°25'07
	-4240 Dec	29 j 23:16	30°℞♏		minimum elong	-4239 Dec	09 j 08:20	17°♏14'11	3°24'19
morning rise	-4239 Jan	01 j 04:36	28°♏06'06		min. Earth dist.	-4239 Dec	11 j 11:42	14°♏44'51	0.64401 AU
direct	-4239 Jan	08 j 06:18	25°♏25'13		morning rise	-4239 Dec	15 j 04:43	11°♏00'53	
	-4239 Jan	18 j 14:23	0°♐		direct	-4239 Dec	22 j 01:16	8°♏10'59	
morning max el	-4239 Jan	22 j 02:23	3°♐08'33	27°41'56	morning max el	-4238 Jan	04 j 11:27	15°♏51'33	27°19'00
desc. node	-4239 Jan	22 j 00:59	3°♐05'08		desc. node	-4238 Jan	08 j 22:00	20°♏39'44	
	-4239 Feb	11 j 03:15	0°♑			-4238 Jan	16 j 05:07	0°♐	
morning set	-4239 Feb	24 j 22:13	25°♑12'40			-4238 Feb	03 j 19:57	0°♑	
	-4239 Feb	27 j 06:25	0°♒		morning set	-4238 Feb	08 j 15:57	9°♑09'59	
max. Earth dist.	-4239 Mar	02 j 12:41	6°♒52'10	1.33037 AU	max. Earth dist.	-4238 Feb	13 j 13:28	19°♑01'10	1.33844 AU
superior conj	-4239 Mar	04 j 11:25	11°♒03'05	0°-39'-9	superior conj	-4238 Feb	16 j 17:05	25°♑36'35	-1°-2'-56
minimum elong	-4239 Mar	04 j 13:09	11°♒12'25	0°38'58	minimum elong	-4238 Feb	16 j 19:42	25°♑50'27	1°02'41
asc. node	-4239 Mar	08 j 07:52	19°♒23'05			-4238 Feb	18 j 18:41	0°♒	
evening rise	-4239 Mar	11 j 13:51	26°♒19'18		asc. node	-4238 Feb	23 j 04:52	9°♒24'17	
	-4239 Mar	13 j 08:16	0°♓		evening rise	-4238 Feb	24 j 00:48	11°♒08'48	
	-4239 Mar	31 j 11:27	0°♈			-4238 Mar	05 j 21:22	0°♓	
evening max el	-4239 Apr	04 j 12:32	4°♈21'05	23°46'05	evening max el	-4238 Mar	17 j 06:41	15°♓06'10	22°12'06
retrograde	-4239 Apr	18 j 04:56	11°♈10'09		retrograde	-4238 Mar	29 j 23:57	21°♓17'07	
desc. node	-4239 Apr	19 j 23:48	11°♈02'59		evening set	-4238 Apr	01 j 21:34	20°♓58'31	
evening set	-4239 Apr	22 j 04:42	10°♈35'04		desc. node	-4238 Apr	06 j 20:55	19°♓11'23	
min. Earth dist.	-4239 Apr	28 j 23:59	7°♈23'29	0.56190 AU	min. Earth dist.	-4238 Apr	10 j 13:56	17°♓12'28	0.55287 AU
inferior conj	-4239 May	01 j 04:56	6°♈03'12	-2°-51'-6	inferior conj	-4238 Apr	11 j 05:26	16°♓50'34	-1°-11'-32
minimum elong	-4239 Apr	30 j 23:04	6°♈12'08	2°49'34	minimum elong	-4238 Apr	11 j 02:11	16°♓55'09	1°10'31
morning rise	-4239 May	09 j 21:05	2°♈02'39		morning rise	-4238 Apr	20 j 08:26	12°♓52'43	
direct	-4239 May	12 j 08:38	1°♈46'54		direct	-4238 Apr	23 j 00:27	12°♓36'37	
morning max el	-4239 May	22 j 10:50	6°♈28'10	19°58'05	morning max el	-4238 May	04 j 19:11	18°♓09'09	21°17'21
asc. node	-4239 Jun	04 j 07:35	25°♈04'08			-4238 May	14 j 02:59	0°♈	
	-4239 Jun	06 j 21:18	0°♉		asc. node	-4238 May	22 j 04:35	14°♈36'40	
morning set	-4239 Jun	09 j 09:19	4°♉59'02		morning set	-4238 May	24 j 17:06	19°♈43'38	
						-4238 May	29 j 15:21	0°♉	
superior conj	-4239 Jun	17 j 07:50	21°♉04'28	1°41'04					
minimum elong	-4239 Jun	17 j 05:41	20°♉53'45	1°41'03	superior conj	-4238 Jun	01 j 05:11	5°♉21'44	1°27'26
	-4239 Jun	21 j 21:12	0°♊		minimum elong	-4238 Jun	01 j 02:30	5°♉07'52	1°27'13
max. Earth dist.	-4239 Jun	22 j 16:42	1°♊33'01	1.36852 AU	max. Earth dist.	-4238 Jun	05 j 03:51	13°♉23'42	1.35277 AU
evening rise	-4239 Jun	26 j 16:39	8°♊58'46		evening rise	-4238 Jun	09 j 15:42	22°♉09'31	
	-4239 Jul	09 j 03:07	0°♋			-4238 Jun	13 j 21:31	0°♊	
desc. node	-4239 Jul	16 j 22:34	11°♋40'51			-4238 Jul	02 j 21:03	0°♋	
	-4239 Jul	31 j 15:27	0°♌		desc. node	-4238 Jul	03 j 19:38	1°♋16'13	
evening max el	-4239 Aug	01 j 12:52	0°♌53'34	25°42'58	evening max el	-4238 Jul	14 j 23:55	14°♋22'11	26°41'28
retrograde	-4239 Aug	13 j 18:37	7°♌56'09		retrograde	-4238 Jul	27 j 23:10	21°♋40'23	
evening set	-4239 Aug	19 j 21:10	5°♌20'26		evening set	-4238 Aug	03 j 14:58	18°♋54'27	
min. Earth dist.	-4239 Aug	24 j 05:07	0°♌32'59	0.66679 AU	min. Earth dist.	-4238 Aug	07 j 14:50	14°♋45'54	0.65788 AU
	-4239 Aug	24 j 15:27	30°℞♋		inferior conj	-4238 Aug	09 j 07:28	12°♋44'07	-2°-43'-53
inferior conj	-4239 Aug	25 j 08:59	29°♋03'43	-1°-55'-41	minimum elong	-4238 Aug	09 j 10:55	12°♋33'45	2°42'36
minimum elong	-4239 Aug	25 j 11:36	28°♋55'19	1°54'32	morning rise	-4238 Aug	15 j 07:56	6°♋58'30	
morning rise	-4239 Aug	31 j 02:38	23°♋05'16		direct	-4238 Aug	18 j 06:36	6°♋09'48	
asc. node	-4239 Aug	31 j 06:50	22°♋58'48		asc. node	-4238 Aug	18 j 03:56	6°♋09'52	
direct	-4239 Sep	03 j 09:11	22°♋03'15		morning max el	-4238 Aug	24 j 23:23	9°♋52'38	18°35'37
morning max el	-4239 Sep	10 j 12:57	26°♋08'16	19°21'00		-4238 Sep	08 j 01:38	0°♌	
	-4239 Sep	13 j 21:17	0°♌		morning set	-4238 Sep	14 j 04:00	9°♌50'48	
greatest brilliancy	-4239 Sep	20 j 16:14	9°♌30'30	-0.7m		-4238 Sep	26 j 18:40	0°♍	
	-4239 Oct	03 j 22:54	0°♍						
morning set	-4239 Oct	04 j 00:44	0°♍07'11		superior conj	-4238 Sep	29 j 17:38	4°♍40'10	0°00'24
desc. node	-4239 Oct	12 j 22:12	14°♍03'00		minimum elong	-4238 Sep	29 j 17:41	4°♍40'24	0°00'29
max. Earth dist.	-4239 Oct	17 j 23:21	22°♍00'21	1.44519 AU	behind sun begin	-4238 Sep	29 j 06:20	3°♍55'35	
					behind sun end	-4238 Sep	30 j 05:03	5°♍25'11	
superior conj	-4239 Oct	20 j 17:57	26°♍24'31	0°-48'-12	desc. node	-4238 Sep	29 j 19:07	4°♍46'04	
minimum elong	-4239 Oct	20 j 12:14	26°♍01'50	0°47'30	max. Earth dist.	-4238 Sep	30 j 17:10	6°♍12'56	1.44821 AU
	-4239 Oct	22 j 23:58	0°♎			-4238 Oct	15 j 18:55	0°♎	
evening rise	-4239 Nov	04 j 11:17	20°♎18'23		evening rise	-4238 Oct	16 j 00:48	0°♎23'19	
	-4239 Nov	10 j 07:45	0°♏			-4238 Nov	04 j 13:04	0°♏	
evening max el	-4239 Nov	23 j 21:48	19°♏47'46	18°30'28	evening max el	-4238 Nov	07 j 08:01	3°♏13'12	19°07'35
asc. node	-4239 Nov	27 j 05:39	22°♏29'53		retrograde	-4238 Nov	14 j 07:46	7°♏13'18	
retrograde	-4239 Nov	30 j 12:46	23°♏28'06		asc. node	-4238 Nov	14 j 02:46	7°♏13'03	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-4238 Nov 17 j 11:55	6°♏14'57		
inferior conj	-4238 Nov 23 j 06:05	0°♏23'15	2°47'14	
minimum elong	-4238 Nov 23 j 02:58	0°♏33'03	2°46'13	
	-4238 Nov 23 j 13:27	30°℞♎		
min. Earth dist.	-4238 Nov 24 j 16:18	28°♎35'40	0.65653 AU	
morning rise	-4238 Nov 28 j 17:06	24°♎11'44		
direct	-4238 Dec 05 j 02:37	21°♎26'07		
morning max el	-4238 Dec 17 j 21:15	28°♎54'22	26°26'42	
	-4238 Dec 18 j 22:58	0°♏		
desc. node	-4238 Dec 26 j 18:59	9°♏14'47		
	-4237 Jan 10 j 00:30	0°♐		
morning set	-4237 Jan 22 j 21:36	22°♐25'51		
	-4237 Jan 26 j 20:02	0°♑		
max. Earth dist.	-4237 Jan 27 j 02:58	0°♑34'09	1.35086 AU	
superior conj	-4237 Jan 31 j 16:39	9°♑46'39	-1°-24'-20	
minimum elong	-4237 Jan 31 j 19:44	10°♑02'32	1°24'08	
evening rise	-4237 Feb 08 j 09:11	25°♑44'23		
asc. node	-4237 Feb 10 j 01:52	29°♑12'04		
	-4237 Feb 10 j 11:22	0°♒		
evening max el	-4237 Feb 27 j 08:51	26°♒14'44	20°46'51	
	-4237 Mar 04 j 11:05	0°♓		
retrograde	-4237 Mar 10 j 13:43	1°♓34'43		
evening set	-4237 Mar 12 j 22:48	1°♓21'14		
	-4237 Mar 17 j 02:47	30°℞♒		
inferior conj	-4237 Mar 22 j 00:50	27°♒23'26	0°44'50	
minimum elong	-4237 Mar 22 j 02:51	27°♒20'32	0°44'03	
min. Earth dist.	-4237 Mar 23 j 04:08	26°♒44'07	0.55291 AU	
desc. node	-4237 Mar 24 j 18:02	25°♒50'49		
morning rise	-4237 Mar 31 j 05:25	23°♒09'45		
direct	-4237 Apr 03 j 12:33	22°♒46'05		
morning max el	-4237 Apr 16 j 17:24	29°♒11'02	22°51'12	
	-4237 Apr 17 j 13:34	0°♓		
	-4237 May 06 j 21:29	0°♈		
morning set	-4237 May 09 j 03:59	4°♈40'11		
asc. node	-4237 May 09 j 01:33	4°♈27'29		
superior conj	-4237 May 16 j 09:24	20°♈01'29	1°09'21	
minimum elong	-4237 May 16 j 06:50	19°♈47'54	1°09'00	
max. Earth dist.	-4237 May 19 j 00:55	25°♈36'02	1.34065 AU	
	-4237 May 21 j 04:04	0°♉		
evening rise	-4237 May 24 j 04:31	6°♉03'32		
	-4237 Jun 06 j 12:47	0°♊		
desc. node	-4237 Jun 20 j 16:42	20°♊13'39		
evening max el	-4237 Jun 27 j 11:04	27°♊40'04	27°17'21	
	-4237 Jun 30 j 01:09	0°♋		
retrograde	-4237 Jul 10 j 22:28	5°♋04'33		
evening set	-4237 Jul 17 j 23:20	2°♋18'49		
	-4237 Jul 20 j 12:42	30°℞♊		
min. Earth dist.	-4237 Jul 21 j 16:37	28°♊47'17	0.64514 AU	
inferior conj	-4237 Jul 23 j 23:04	26°♊17'51	-3°-26'-6	
minimum elong	-4237 Jul 24 j 02:47	26°♊07'36	3°25'02	
morning rise	-4237 Jul 30 j 07:49	20°♊48'01		
direct	-4237 Aug 02 j 00:54	20°♊09'31		
asc. node	-4237 Aug 05 j 01:02	20°♊56'26		
morning max el	-4237 Aug 08 j 13:19	23°♊38'45	18°07'09	
	-4237 Aug 13 j 15:10	0°♋		
morning set	-4237 Aug 26 j 10:38	20°♋53'14		
	-4237 Aug 31 j 21:00	0°♌		
superior conj	-4237 Sep 09 j 01:20	13°♌23'35	0°47'07	
minimum elong	-4237 Sep 09 j 06:25	13°♌44'04	0°46'38	
max. Earth dist.	-4237 Sep 13 j 10:27	20°♌23'54	1.44400 AU	
desc. node	-4237 Sep 16 j 16:04	25°♌30'39		
	-4237 Sep 19 j 12:45	0°♍		
evening rise	-4237 Sep 25 j 15:16	9°♍29'49		
	-4237 Oct 09 j 01:35	0°♎		
greatest brilliancy	-4237 Oct 14 j 07:09	7°♎34'54	-0.6m	
evening max el	-4237 Oct 21 j 13:52	16°♎39'55	20°00'31	
retrograde	-4237 Oct 29 j 04:48	21°♎07'29		
asc. node	-4237 Oct 31 j 23:53	20°♎22'04		
evening set	-4237 Nov 01 j 17:27	19°♎55'01		
inferior conj	-4237 Nov 07 j 06:48	13°♎51'00	2°02'12	
minimum elong	-4237 Nov 07 j 04:15	13°♎59'28	2°01'14	
min. Earth dist.	-4237 Nov 08 j 04:23	12°♎39'20	0.66560 AU	
morning rise	-4237 Nov 12 j 14:24	7°♎35'03		
direct	-4237 Nov 18 j 09:44	5°♎03'26		
morning max el	-4237 Nov 30 j 06:10	12°♎05'38	25°13'32	
desc. node	-4237 Dec 13 j 15:58	28°♎32'41		
	-4237 Dec 14 j 16:54	0°♏		
	-4236 Jan 02 j 17:33	0°♐		
morning set	-4236 Jan 05 j 10:08	4°♐45'41		
max. Earth dist.	-4236 Jan 09 j 04:57	11°♐41'21	1.36760 AU	
superior conj	-4236 Jan 15 j 07:16	23°♐25'03	-1°-41'-35	
minimum elong	-4236 Jan 15 j 10:06	23°♐39'02	1°41'33	
	-4236 Jan 18 j 14:21	0°♑		
evening rise	-4236 Jan 23 j 13:01	10°♑00'03		
asc. node	-4236 Jan 27 j 22:54	18°♑41'01		
	-4236 Feb 03 j 11:43	0°♒		
evening max el	-4236 Feb 09 j 21:38	7°♒58'58	19°37'41	
retrograde	-4236 Feb 19 j 10:02	12°♒29'43		
evening set	-4236 Feb 21 j 17:54	12°♒14'45		
inferior conj	-4236 Mar 01 j 05:17	8°♒10'33	2°25'46	
minimum elong	-4236 Mar 01 j 10:15	8°♒02'36	2°24'14	
min. Earth dist.	-4236 Mar 03 j 18:47	6°♒32'55	0.56204 AU	
morning rise	-4236 Mar 09 j 23:07	3°♒28'51		
desc. node	-4236 Mar 10 j 15:10	3°♒16'42		
direct	-4236 Mar 14 j 09:19	2°♒44'44		
morning max el	-4236 Mar 28 j 09:08	9°♒48'29	24°30'06	
	-4236 Apr 12 j 09:45	0°♓		
morning set	-4236 Apr 22 j 16:10	19°♓42'18		
asc. node	-4236 Apr 24 j 22:31	24°♓30'44		
	-4236 Apr 27 j 11:32	0°♈		
superior conj	-4236 Apr 29 j 18:01	4°♈55'11	0°48'08	
minimum elong	-4236 Apr 29 j 16:03	4°♈44'32	0°47'46	
max. Earth dist.	-4236 May 01 j 06:50	8°♈13'43	1.33228 AU	
evening rise	-4236 May 07 j 03:00	20°♈27'43		
	-4236 May 11 j 23:51	0°♉		
	-4236 May 30 j 15:37	0°♊		
desc. node	-4236 Jun 06 j 13:50	8°♊16'31		
evening max el	-4236 Jun 08 j 20:32	10°♊34'36	27°24'11	
retrograde	-4236 Jun 22 j 15:38	17°♊58'44		
evening set	-4236 Jun 29 j 18:45	15°♊26'40		
min. Earth dist.	-4236 Jul 03 j 08:54	12°♊25'22	0.62875 AU	
inferior conj	-4236 Jul 06 j 04:55	9°♊38'04	-3°-58'-44	
minimum elong	-4236 Jul 06 j 07:58	9°♊30'31	3°58'08	
morning rise	-4236 Jul 12 j 23:25	4°♊27'02		
direct	-4236 Jul 15 j 13:08	3°♊56'02		
asc. node	-4236 Jul 21 j 22:05	7°♊05'35		
morning max el	-4236 Jul 22 j 04:06	7°♊20'10	17°56'34	
	-4236 Aug 05 j 23:28	0°♋		
morning set	-4236 Aug 07 j 16:41	3°♋02'26		
superior conj	-4236 Aug 19 j 09:21	23°♋19'18	1°21'55	
minimum elong	-4236 Aug 19 j 14:53	23°♋42'32	1°21'34	
	-4236 Aug 23 j 09:47	0°♌		
max. Earth dist.	-4236 Aug 26 j 00:35	4°♌16'06	1.43317 AU	
desc. node	-4236 Sep 02 j 13:03	16°♌13'17		
evening rise	-4236 Sep 03 j 19:07	18°♌10'24		
	-4236 Sep 11 j 12:36	0°♍		
greatest brilliancy	-4236 Sep 28 j 03:31	23°♍44'41	-0.5m	
	-4236 Oct 03 j 11:30	0°♎		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4236 Oct	03 j 13:54	0°♎06'09	21°06'53
retrograde	-4236 Oct	12 j 01:41	5°♎07'41	
evening set	-4236 Oct	16 j 01:10	3°♎38'18	
asc. node	-4236 Oct	17 j 21:02	1°♎57'41	
	-4236 Oct	19 j 12:58	30°℞♍	
inferior conj	-4236 Oct	21 j 11:18	27°♍25'21	1°12'30
minimum elong	-4236 Oct	21 j 09:41	27°♍30'53	1°11'51
min. Earth dist.	-4236 Oct	21 j 21:36	26°♍50'04	0.67134 AU
morning rise	-4236 Oct	26 j 17:48	21°♍07'49	
direct	-4236 Oct	31 j 21:49	18°♍56'00	
morning max el	-4236 Nov	11 j 14:59	25°♍19'51	23°49'21
	-4236 Nov	15 j 20:34	0°♎	
desc. node	-4236 Nov	29 j 12:57	18°♎20'59	
	-4236 Dec	07 j 05:54	0°♏	
morning set	-4236 Dec	16 j 23:32	15°♏53'15	
max. Earth dist.	-4236 Dec	21 j 01:02	22°♏56'24	1.38750 AU
	-4236 Dec	24 j 23:08	0°♐	
superior conj	-4236 Dec	28 j 09:10	6°♐21'30	-1°-52'-17
minimum elong	-4236 Dec	28 j 10:36	6°♐28'16	1°52'25
evening rise	-4235 Jan	06 j 09:53	23°♐49'37	
	-4235 Jan	09 j 14:34	0°♑	
asc. node	-4235 Jan	13 j 19:57	7°♑44'32	
evening max el	-4235 Jan	22 j 20:17	20°♑17'53	18°47'46
retrograde	-4235 Jan	30 j 23:05	24°♑12'50	
evening set	-4235 Feb	02 j 09:25	23°♑53'09	
inferior conj	-4235 Feb	10 j 04:03	19°♑31'19	3°31'17
minimum elong	-4235 Feb	10 j 08:04	19°♑23'54	3°30'24
min. Earth dist.	-4235 Feb	13 j 10:49	17°♑07'12	0.57802 AU
morning rise	-4235 Feb	18 j 03:02	14°♑21'25	
direct	-4235 Feb	23 j 18:47	13°♑03'38	
desc. node	-4235 Feb	25 j 12:17	13°♑10'55	
morning max el	-4235 Mar	10 j 00:37	20°♑28'53	26°00'04
	-4235 Mar	18 j 05:01	0°♒	
	-4235 Apr	04 j 20:55	0°♓	
morning set	-4235 Apr	07 j 04:01	4°♓44'17	
asc. node	-4235 Apr	11 j 19:30	14°♓41'53	
superior conj	-4235 Apr	14 j 05:06	19°♓56'21	0°24'47
minimum elong	-4235 Apr	14 j 04:02	19°♓50'29	0°24'31
max. Earth dist.	-4235 Apr	14 j 18:34	21°♓09'55	1.32740 AU
	-4235 Apr	18 j 20:41	0°♈	
evening rise	-4235 Apr	21 j 08:06	5°♈12'00	
	-4235 May	04 j 16:21	0°♉	
evening max el	-4235 May	22 j 01:45	22°♉53'55	26°58'17
desc. node	-4235 May	24 j 10:57	25°♉01'53	
	-4235 Jun	02 j 15:56	0°♊	
retrograde	-4235 Jun	05 j 01:29	0°♊14'55	
	-4235 Jun	07 j 10:02	30°℞♉	
evening set	-4235 Jun	11 j 21:06	28°♉10'05	
min. Earth dist.	-4235 Jun	15 j 15:16	25°♉26'27	0.60954 AU
inferior conj	-4235 Jun	18 j 21:42	22°♉37'08	-4°-16'-18
minimum elong	-4235 Jun	18 j 22:46	22°♉34'49	4°16'07
morning rise	-4235 Jun	26 j 03:25	17°♉47'23	
direct	-4235 Jun	28 j 15:30	17°♉22'05	
morning max el	-4235 Jul	05 j 17:02	20°♉50'46	18°04'50
asc. node	-4235 Jul	08 j 19:09	24°♉22'02	
	-4235 Jul	12 j 15:19	0°♊	
morning set	-4235 Jul	21 j 16:38	16°♊03'52	
	-4235 Jul	29 j 06:50	0°♋	
superior conj	-4235 Jul	31 j 20:49	4°♋36'43	1°42'00
minimum elong	-4235 Jul	31 j 23:58	4°♋50'39	1°42'01
max. Earth dist.	-4235 Aug	08 j 09:39	17°♋34'35	1.41717 AU
evening rise	-4235 Aug	14 j 08:26	27°♋18'47	
	-4235 Aug	16 j 00:54	0°♌	
desc. node	-4235 Aug	20 j 10:03	6°♌50'34	
	-4235 Sep	05 j 06:43	0°♍	
greatest brilliancy	-4235 Sep	11 j 14:20	8°♍12'28	-0.3m
evening max el	-4235 Sep	16 j 07:45	13°♍31'25	22°23'01
retrograde	-4235 Sep	25 j 20:46	19°♍11'22	
evening set	-4235 Sep	30 j 09:10	17°♍22'50	
asc. node	-4235 Oct	04 j 18:11	12°♍24'54	
inferior conj	-4235 Oct	05 j 17:38	11°♍04'16	0°20'03
minimum elong	-4235 Oct	05 j 17:10	11°♍05'53	0°19'55
min. Earth dist.	-4235 Oct	05 j 17:28	11°♍04'51	0.67397 AU
morning rise	-4235 Oct	11 j 01:03	4°♍48'07	
direct	-4235 Oct	15 j 14:05	2°♍58'02	
morning max el	-4235 Oct	25 j 02:38	8°♍38'04	22°23'23
greatest brilliancy	-4235 Oct	29 j 19:38	13°♍57'00	-0.3m
	-4235 Nov	10 j 15:48	0°♎	
desc. node	-4235 Nov	16 j 09:54	8°♎30'34	
morning set	-4235 Nov	27 j 08:42	25°♎37'14	
	-4235 Nov	30 j 00:57	0°♏	
max. Earth dist.	-4235 Dec	02 j 23:10	4°♏53'03	1.40812 AU
superior conj	-4235 Dec	10 j 17:17	18°♏22'04	-1°-53'-17
minimum elong	-4235 Dec	10 j 15:54	18°♏15'56	1°53'25
	-4235 Dec	17 j 01:54	0°♐	
evening rise	-4235 Dec	20 j 20:45	7°♐05'14	
asc. node	-4235 Dec	31 j 17:03	26°♐13'33	
	-4234 Jan	03 j 09:34	0°♑	
evening max el	-4234 Jan	06 j 02:21	3°♑03'29	18°17'51
retrograde	-4234 Jan	13 j 06:41	6°♑38'18	
evening set	-4234 Jan	15 j 19:31	6°♑12'33	
inferior conj	-4234 Jan	22 j 23:10	1°♑29'01	4°00'27
minimum elong	-4234 Jan	23 j 00:23	1°♑26'22	4°00'12
	-4234 Jan	24 j 16:24	30°℞♐	
min. Earth dist.	-4234 Jan	26 j 07:05	28°♐38'43	0.59751 AU
morning rise	-4234 Jan	30 j 02:13	25°♐56'57	
direct	-4234 Feb	05 j 16:00	24°♐00'27	
desc. node	-4234 Feb	12 j 09:22	25°♐52'54	
	-4234 Feb	18 j 03:12	0°♑	
morning max el	-4234 Feb	19 j 21:00	1°♑37'04	27°06'33
	-4234 Mar	12 j 08:11	0°♒	
morning set	-4234 Mar	22 j 13:42	19°♒38'28	
	-4234 Mar	27 j 10:20	0°♓	
superior conj	-4234 Mar	29 j 16:52	4°♓57'35	0°00'10
minimum elong	-4234 Mar	29 j 16:51	4°♓57'34	0°00'04
behind sun begin	-4234 Mar	29 j 11:56	4°♓30'40	
behind sun end	-4234 Mar	29 j 21:46	5°♓24'28	
max. Earth dist.	-4234 Mar	29 j 08:11	4°♓10'05	1.32581 AU
asc. node	-4234 Mar	29 j 16:30	4°♓55'36	
evening rise	-4234 Apr	05 j 17:15	20°♓06'33	
	-4234 Apr	10 j 14:41	0°♈	
	-4234 Apr	29 j 18:56	0°♉	
evening max el	-4234 May	04 j 00:37	4°♉30'14	26°00'49
desc. node	-4234 May	11 j 08:04	9°♉58'04	
retrograde	-4234 May	18 j 02:40	11°♉46'29	
evening set	-4234 May	24 j 02:43	10°♉18'30	
min. Earth dist.	-4234 May	28 j 13:12	7°♉35'40	0.58914 AU
inferior conj	-4234 May	31 j 21:41	5°♉05'07	-4°-10'-39
minimum elong	-4234 May	31 j 19:30	5°♉09'15	4°10'23
morning rise	-4234 Jun	08 j 16:09	0°♉37'44	
direct	-4234 Jun	11 j 03:31	0°♉17'05	
morning max el	-4234 Jun	19 j 01:17	4°♉02'23	18°32'50
asc. node	-4234 Jun	25 j 16:11	12°♉30'57	
morning set	-4234 Jul	05 j 05:44	29°♉45'24	
	-4234 Jul	05 j 08:46	0°♊	
superior conj	-4234 Jul	14 j 07:16	17°♊04'06	1°49'09
minimum elong	-4234 Jul	14 j 07:44	17°♊06'15	1°49'19
	-4234 Jul	21 j 11:07	0°♋	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4234 Jul 21 j 13:07	0°♋08'47	1.39816 AU	
evening rise	-4234 Jul 25 j 21:19	7°♋34'52		
desc. node	-4234 Aug 07 j 07:03	27°♋18'30		
	-4234 Aug 09 j 02:16	0°♌		
evening max el	-4234 Aug 29 j 20:42	26°♌57'24	23°43'44	
	-4234 Sep 02 j 05:27	0°♍		
retrograde	-4234 Sep 09 j 12:53	3°♍15'41		
evening set	-4234 Sep 14 j 15:42	1°♍07'16		
	-4234 Sep 15 j 20:09	30°℞♌		
min. Earth dist.	-4234 Sep 19 j 13:40	25°♌22'08	0.67358 AU	
inferior conj	-4234 Sep 20 j 00:05	24°♌46'33	0°-33'-24	
minimum elong	-4234 Sep 20 j 00:52	24°♌43'53	0°32'57	
asc. node	-4234 Sep 21 j 15:18	22°♌35'10		
morning rise	-4234 Sep 25 j 10:11	18°♌34'42		
direct	-4234 Sep 29 j 09:40	17°♌05'28		
morning max el	-4234 Oct 07 j 20:06	22°♌03'30	21°03'17	
greatest brilliancy	-4234 Oct 13 j 11:10	28°♌39'26	-0.5m	
	-4234 Oct 14 j 11:51	0°♍		
desc. node	-4234 Nov 03 j 06:51	28°♍55'16		
	-4234 Nov 03 j 23:38	0°♎		
morning set	-4234 Nov 06 j 16:12	4°♎11'00		
max. Earth dist.	-4234 Nov 15 j 03:42	17°♎42'25	1.42648 AU	
superior conj	-4234 Nov 22 j 01:53	29°♎13'05	-1°-40'-51	
minimum elong	-4234 Nov 21 j 20:51	28°♎51'46	1°40'36	
	-4234 Nov 22 j 12:56	0°♏		
evening rise	-4234 Dec 03 j 17:54	19°♏39'13		
	-4234 Dec 09 j 13:29	0°♐		
asc. node	-4234 Dec 18 j 14:07	13°♐57'45		
evening max el	-4234 Dec 20 j 13:09	16°♐08'40	18°07'49	
retrograde	-4234 Dec 27 j 05:31	19°♐36'57		
evening set	-4234 Dec 29 j 20:58	19°♐04'12		
inferior conj	-4233 Jan 05 j 12:18	13°♐58'57	4°01'18	
minimum elong	-4233 Jan 05 j 11:02	14°♐02'03	4°01'02	
min. Earth dist.	-4233 Jan 08 j 11:04	11°♐05'49	0.61735 AU	
morning rise	-4233 Jan 11 j 22:49	8°♐11'09		
direct	-4233 Jan 18 j 23:15	5°♐42'23		
desc. node	-4233 Jan 30 j 06:27	10°♐56'23		
morning max el	-4233 Feb 01 j 23:44	13°♐25'21	27°39'26	
	-4233 Feb 15 j 07:48	0°♑		
	-4233 Mar 04 j 16:03	0°♒		
morning set	-4233 Mar 06 j 19:13	4°♒17'40		
max. Earth dist.	-4233 Mar 12 j 19:44	17°♒00'00	1.32763 AU	
superior conj	-4233 Mar 14 j 03:39	19°♒53'08	0°-24'-53	
minimum elong	-4233 Mar 14 j 04:46	19°♒59'12	0°24'48	
asc. node	-4233 Mar 16 j 13:28	25°♒07'51		
	-4233 Mar 18 j 19:24	0°♓		
evening rise	-4233 Mar 21 j 04:29	5°♓04'15		
	-4233 Apr 03 j 14:01	0°♈		
evening max el	-4233 Apr 15 j 17:56	15°♈29'48	24°39'07	
desc. node	-4233 Apr 28 j 05:12	22°♈28'28		
retrograde	-4233 Apr 29 j 17:18	22°♈33'43		
evening set	-4233 May 04 j 11:19	21°♈42'28		
min. Earth dist.	-4233 May 10 j 06:01	18°♈44'32	0.57045 AU	
inferior conj	-4233 May 13 j 02:01	16°♈53'54	-3°-31'-40	
minimum elong	-4233 May 12 j 20:43	17°♈02'35	3°30'35	
morning rise	-4233 May 21 j 10:20	12°♈45'52		
direct	-4233 May 23 j 21:14	12°♈28'57		
morning max el	-4233 Jun 02 j 02:00	16°♈45'46	19°21'09	
	-4233 Jun 11 j 18:56	0°♉		
asc. node	-4233 Jun 12 j 13:12	1°♉20'02		
morning set	-4233 Jun 19 j 04:16	13°♉57'33		
superior conj	-4233 Jun 27 j 10:56	0°♊25'01	1°46'14	
minimum elong	-4233 Jun 27 j 09:28	0°♊17'52	1°46'20	
	-4233 Jun 27 j 05:49	0°♊		

max. Earth dist.	-4233 Jul 03 j 14:35	12°♊05'33	1.37881 AU	
evening rise	-4233 Jul 07 j 12:19	19°♊08'08		
	-4233 Jul 13 j 21:07	0°♋		
desc. node	-4233 Jul 25 j 04:03	17°♋31'46		
	-4233 Aug 03 j 05:50	0°♌		
evening max el	-4233 Aug 12 j 07:24	10°♌26'11	25°02'10	
retrograde	-4233 Aug 24 j 01:01	17°♌16'10		
evening set	-4233 Aug 29 j 18:55	14°♌49'23		
min. Earth dist.	-4233 Sep 03 j 07:44	9°♌40'00	0.67014 AU	
inferior conj	-4233 Sep 04 j 04:55	8°♌30'02	-1°-26'-16	
minimum elong	-4233 Sep 04 j 06:55	8°♌23'27	1°25'19	
asc. node	-4233 Sep 08 j 12:25	3°♌27'03		
morning rise	-4233 Sep 09 j 19:21	2°♌25'37		
direct	-4233 Sep 13 j 07:22	1°♌14'38		
morning max el	-4233 Sep 20 j 20:39	5°♌37'00	19°54'15	
greatest brilliancy	-4233 Sep 28 j 13:53	15°♌15'45	-0.6m	
	-4233 Oct 08 j 12:57	0°♍		
morning set	-4233 Oct 16 j 14:35	12°♍24'49		
desc. node	-4233 Oct 21 j 03:46	19°♍29'46		
	-4233 Oct 27 j 19:46	0°♎		
max. Earth dist.	-4233 Oct 28 j 14:54	1°♎16'11	1.44012 AU	
superior conj	-4233 Nov 02 j 06:55	8°♎45'55	-1°-12'-1	
minimum elong	-4233 Nov 02 j 00:00	8°♎17'59	1°11'18	
	-4233 Nov 15 j 01:33	0°♏		
evening rise	-4233 Nov 15 j 20:40	1°♏21'20		
evening max el	-4233 Dec 04 j 01:49	29°♏26'03	18°17'01	
	-4233 Dec 04 j 15:39	0°♐		
asc. node	-4233 Dec 05 j 11:13	0°♐43'40		
retrograde	-4233 Dec 10 j 15:03	2°♐59'01		
evening set	-4233 Dec 13 j 10:10	2°♐17'52		
	-4233 Dec 16 j 15:02	30°℞♏		
inferior conj	-4233 Dec 19 j 15:39	26°♏52'37	3°42'23	
minimum elong	-4233 Dec 19 j 12:55	27°♏00'07	3°41'47	
min. Earth dist.	-4233 Dec 22 j 00:34	24°♏16'16	0.63518 AU	
morning rise	-4233 Dec 25 j 14:04	20°♏53'33		
direct	-4232 Jan 01 j 14:32	18°♏06'38		
morning max el	-4232 Jan 15 j 07:06	25°♏50'32	27°36'08	
desc. node	-4232 Jan 17 j 03:30	27°♏44'39		
	-4232 Jan 19 j 04:24	0°♐		
	-4232 Feb 08 j 19:03	0°♑		
morning set	-4232 Feb 18 j 18:09	18°♑33'24		
max. Earth dist.	-4232 Feb 24 j 01:19	29°♑26'20	1.33324 AU	
	-4232 Feb 24 j 07:42	0°♒		
superior conj	-4232 Feb 26 j 11:46	4°♒37'02	0°-49'-26	
minimum elong	-4232 Feb 26 j 13:55	4°♒48'31	0°49'13	
asc. node	-4232 Mar 02 j 10:28	15°♒14'39		
evening rise	-4232 Mar 04 j 16:02	19°♒58'47		
	-4232 Mar 09 j 14:45	0°♓		
evening max el	-4232 Mar 27 j 10:15	26°♓13'51	23°05'47	
	-4232 Apr 01 j 03:12	0°♈		
retrograde	-4232 Apr 09 j 19:07	2°♈48'54		
evening set	-4232 Apr 13 j 06:02	2°♈22'48		
desc. node	-4232 Apr 14 j 02:20	2°♈08'51		
	-4232 Apr 19 j 00:50	30°℞♓		
min. Earth dist.	-4232 Apr 20 j 20:51	28°♓58'10	0.55701 AU	
inferior conj	-4232 Apr 22 j 11:09	28°♓02'13	-2°-12'-47	
minimum elong	-4232 Apr 22 j 05:51	28°♓10'00	2°11'13	
morning rise	-4232 May 01 j 08:34	24°♓04'27		
direct	-4232 May 03 j 20:59	23°♓49'11		
morning max el	-4232 May 14 j 16:44	28°♓51'55	20°29'33	
	-4232 May 15 j 20:33	0°♈		
asc. node	-4232 May 29 j 10:11	20°♈39'37		
morning set	-4232 Jun 02 j 09:25	28°♈33'07		
	-4232 Jun 03 j 02:26	0°♉		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4232 Jun 10 j 03:01	14°♉25'47	1°35'55
minimum elong	-4232 Jun 10 j 00:32	14°♉13'16	1°35'49
max. Earth dist.	-4232 Jun 14 j 20:54	23°♉52'08	1.36143 AU
	-4232 Jun 18 j 01:59	0°♊	
evening rise	-4232 Jun 19 j 01:23	1°♊48'56	
	-4232 Jul 05 j 22:07	0°♋	
desc. node	-4232 Jul 11 j 01:05	7°♋23'54	
evening max el	-4232 Jul 24 j 18:18	23°♋57'42	26°10'13
	-4232 Aug 01 j 19:02	0°♌	
retrograde	-4232 Aug 06 j 08:27	1°♌08'21	
	-4232 Aug 10 j 12:44	30°℞♋	
evening set	-4232 Aug 12 j 16:49	28°♋27'34	
min. Earth dist.	-4232 Aug 16 j 21:18	23°♋56'18	0.66343 AU
inferior conj	-4232 Aug 18 j 06:21	22°♋13'03	-2°-16'-43
minimum elong	-4232 Aug 18 j 09:22	22°♋03'35	2°15'28
morning rise	-4232 Aug 24 j 02:41	16°♋19'21	
asc. node	-4232 Aug 25 j 09:31	15°♋42'45	
direct	-4232 Aug 27 j 05:35	15°♋23'23	
morning max el	-4232 Sep 03 j 03:54	19°♋18'08	18°59'36
	-4232 Sep 11 j 09:15	0°♌	
morning set	-4232 Sep 25 j 03:10	21°♌24'53	
	-4232 Sep 30 j 13:38	0°♍	
desc. node	-4232 Oct 07 j 00:41	10°♍10'37	
max. Earth dist.	-4232 Oct 10 j 07:10	15°♍19'49	1.44738 AU
superior conj	-4232 Oct 11 j 12:37	17°♍16'02	0°-28'-12
minimum elong	-4232 Oct 11 j 08:59	17°♍01'42	0°27'42
	-4232 Oct 19 j 13:04	0°♎	
evening rise	-4232 Oct 27 j 00:32	12°♎02'54	
	-4232 Nov 07 j 03:47	0°♏	
evening max el	-4232 Nov 16 j 13:42	12°♏50'01	18°44'20
asc. node	-4232 Nov 21 j 08:20	16°♏16'06	
retrograde	-4232 Nov 23 j 07:29	16°♏37'25	
evening set	-4232 Nov 26 j 07:51	15°♏45'54	
inferior conj	-4232 Dec 02 j 05:36	10°♏03'03	3°10'07
minimum elong	-4232 Dec 02 j 02:24	10°♏12'40	3°09'11
min. Earth dist.	-4232 Dec 03 j 23:48	7°♏55'57	0.64979 AU
morning rise	-4232 Dec 07 j 19:51	3°♏55'37	
direct	-4232 Dec 14 j 12:26	1°♏05'51	
morning max el	-4232 Dec 27 j 16:28	8°♏42'19	26°59'53
desc. node	-4231 Jan 03 j 00:31	15°♏47'22	
	-4231 Jan 13 j 10:00	0°♐	
	-4231 Jan 31 j 03:05	0°♑	
morning set	-4231 Feb 01 j 07:15	2°♑14'41	
max. Earth dist.	-4231 Feb 05 j 21:22	11°♑19'11	1.34313 AU
superior conj	-4231 Feb 09 j 15:10	19°♑01'57	-1°-12'-24
minimum elong	-4231 Feb 09 j 18:04	19°♑17'03	1°12'09
	-4231 Feb 14 j 20:02	0°♒	
evening rise	-4231 Feb 17 j 02:08	4°♒43'25	
asc. node	-4231 Feb 17 j 07:28	5°♒11'07	
	-4231 Mar 03 j 05:25	0°♓	
evening max el	-4231 Mar 09 j 07:29	7°♓07'40	21°34'20
retrograde	-4231 Mar 21 j 10:12	12°♓57'01	
evening set	-4231 Mar 24 j 00:53	12°♓41'38	
desc. node	-4231 Mar 31 j 23:28	9°♓25'53	
inferior conj	-4231 Apr 02 j 07:52	8°♓40'36	0°-22'-24
minimum elong	-4231 Apr 02 j 06:49	8°♓42'04	0°22'08
min. Earth dist.	-4231 Apr 02 j 10:53	8°♓36'21	0.55176 AU
morning rise	-4231 Apr 11 j 12:58	4°♓38'08	
direct	-4231 Apr 14 j 10:07	4°♓19'50	
morning max el	-4231 Apr 26 j 20:26	10°♓15'23	21°55'48
	-4231 May 10 j 22:56	0°♈	
asc. node	-4231 May 16 j 07:10	10°♈21'00	
morning set	-4231 May 17 j 18:49	13°♈24'08	
superior conj	-4231 May 25 j 03:39	28°♈53'59	1°20'13
minimum elong	-4231 May 25 j 00:57	28°♈39'52	1°19'56
	-4231 May 25 j 16:16	0°♉	
max. Earth dist.	-4231 May 28 j 12:33	5°♉52'25	1.34725 AU
evening rise	-4231 Jun 02 j 06:55	15°♉20'27	
	-4231 Jun 10 j 07:04	0°♊	
desc. node	-4231 Jun 27 j 22:10	26°♊44'58	
	-4231 Jun 30 j 12:15	0°♋	
evening max el	-4231 Jul 07 j 05:48	7°♋24'11	26°59'52
retrograde	-4231 Jul 20 j 10:39	14°♋45'05	
evening set	-4231 Jul 27 j 06:57	11°♋58'06	
min. Earth dist.	-4231 Jul 31 j 03:55	8°♋05'36	0.65300 AU
inferior conj	-4231 Aug 02 j 02:14	5°♋51'36	-3°-2'-41
minimum elong	-4231 Aug 02 j 05:53	5°♋40'59	3°01'28
morning rise	-4231 Aug 08 j 06:02	0°♋12'06	
	-4231 Aug 08 j 16:11	30°℞♊	
direct	-4231 Aug 11 j 02:09	29°♊27'56	
asc. node	-4231 Aug 12 j 06:36	29°♊35'36	
	-4231 Aug 13 j 12:46	0°♋	
morning max el	-4231 Aug 17 j 16:04	3°♋03'42	18°21'18
	-4231 Sep 04 j 17:11	0°♌	
morning set	-4231 Sep 05 j 18:18	1°♌43'17	
superior conj	-4231 Sep 20 j 12:52	25°♌35'25	0°21'14
minimum elong	-4231 Sep 20 j 15:32	25°♌46'01	0°20'59
max. Earth dist.	-4231 Sep 23 j 01:35	29°♌35'41	1.44734 AU
	-4231 Sep 23 j 07:44	0°♍	
desc. node	-4231 Sep 23 j 21:38	0°♍54'49	
evening rise	-4231 Oct 07 j 03:32	21°♍41'25	
	-4231 Oct 12 j 11:09	0°♎	
greatest brilliancy	-4231 Oct 21 j 19:45	14°♎20'37	-0.7m
evening max el	-4231 Oct 30 j 22:22	26°♎16'45	19°28'22
	-4231 Nov 04 j 22:01	0°♏	
retrograde	-4231 Nov 07 j 03:37	0°♏27'19	
asc. node	-4231 Nov 08 j 05:27	0°♏20'37	
	-4231 Nov 09 j 07:36	30°℞♎	
evening set	-4231 Nov 10 j 11:14	29°♎23'06	
inferior conj	-4231 Nov 16 j 03:07	23°♎25'42	2°28'51
minimum elong	-4231 Nov 16 j 00:11	23°♎35'10	2°27'49
min. Earth dist.	-4231 Nov 17 j 07:42	21°♎53'30	0.66080 AU
morning rise	-4231 Nov 21 j 12:23	17°♎12'14	
direct	-4231 Nov 27 j 16:08	14°♎31'50	
morning max el	-4231 Dec 10 j 01:55	21°♎49'54	25°57'43
	-4231 Dec 17 j 06:23	0°♏	
desc. node	-4231 Dec 20 j 21:31	4°♏42'40	
	-4230 Jan 06 j 15:24	0°♐	
morning set	-4230 Jan 15 j 06:20	15°♐08'53	
max. Earth dist.	-4230 Jan 19 j 06:02	22°♐40'25	1.35748 AU
	-4230 Jan 22 j 23:32	0°♑	
superior conj	-4230 Jan 24 j 11:23	3°♑00'13	-1°-32'-17
minimum elong	-4230 Jan 24 j 14:28	3°♑15'52	1°32'08
evening rise	-4230 Feb 01 j 08:54	19°♑12'03	
asc. node	-4230 Feb 04 j 04:31	24°♑52'14	
	-4230 Feb 06 j 20:22	0°♒	
evening max el	-4230 Feb 19 j 14:03	18°♒31'00	20°15'13
retrograde	-4230 Mar 02 j 01:15	23°♒29'07	
evening set	-4230 Mar 04 j 09:07	23°♒15'25	
inferior conj	-4230 Mar 13 j 05:31	19°♒16'22	1°31'08
minimum elong	-4230 Mar 13 j 09:17	19°♒10'44	1°29'48
min. Earth dist.	-4230 Mar 15 j 00:53	18°♒11'51	0.55580 AU
desc. node	-4230 Mar 18 j 20:36	16°♒08'39	
morning rise	-4230 Mar 22 j 07:03	14°♒52'03	
direct	-4230 Mar 26 j 00:38	14°♒21'36	
morning max el	-4230 Apr 08 j 15:14	21°♒04'18	23°33'21
	-4230 Apr 16 j 06:16	0°♓	
morning set	-4230 May 02 j 06:31	28°♓24'22	
asc. node	-4230 May 03 j 04:09	0°♈18'05	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4230 May 03 j 00:43	0°♈		
superior conj	-4230 May 09 j 10:02	13°♈40'49	1°00'41	
minimum elong	-4230 May 09 j 07:40	13°♈28'11	1°00'18	
max. Earth dist.	-4230 May 11 j 13:55	18°♈17'10	1.33672 AU	
evening rise	-4230 May 17 j 00:18	29°♈28'47		
	-4230 May 17 j 06:34	0°♉		
	-4230 Jun 03 j 09:20	0°♊		
desc. node	-4230 Jun 14 j 19:16	15°♊21'35		
evening max el	-4230 Jun 19 j 16:31	20°♊33'43	27°23'55	
retrograde	-4230 Jul 03 j 07:14	27°♊58'00		
evening set	-4230 Jul 10 j 10:17	25°♊16'10		
min. Earth dist.	-4230 Jul 14 j 01:37	21°♊58'56	0.63869 AU	
inferior conj	-4230 Jul 16 j 14:03	19°♊20'25	-3°-41'-22	
minimum elong	-4230 Jul 16 j 17:38	19°♊10'59	3°40'29	
morning rise	-4230 Jul 23 j 02:49	13°♊58'24		
direct	-4230 Jul 25 j 18:18	13°♊23'17		
asc. node	-4230 Jul 30 j 03:41	14°♊59'18		
morning max el	-4230 Aug 01 j 06:45	16°♊48'50	18°00'24	
	-4230 Aug 10 j 16:49	0°♋		
morning set	-4230 Aug 18 j 11:33	13°♋16'06		
	-4230 Aug 28 j 08:16	0°♌		
superior conj	-4230 Aug 31 j 05:44	4°♌46'24	1°03'41	
minimum elong	-4230 Aug 31 j 11:32	5°♌10'10	1°03'11	
max. Earth dist.	-4230 Sep 05 j 18:20	13°♌42'39	1.44015 AU	
desc. node	-4230 Sep 10 j 18:36	21°♌38'59		
evening rise	-4230 Sep 16 j 11:20	0°♍31'21		
	-4230 Sep 16 j 03:13	0°♍		
	-4230 Oct 06 j 05:46	0°♎		
greatest brilliancy	-4230 Oct 07 j 16:59	2°♎00'09	-0.5m	
evening max el	-4230 Oct 14 j 01:46	9°♎42'57	20°27'16	
retrograde	-4230 Oct 22 j 00:55	14°♎24'29		
evening set	-4230 Oct 25 j 17:56	13°♎04'59		
asc. node	-4230 Oct 26 j 02:36	12°♎48'41		
inferior conj	-4230 Oct 31 j 05:41	6°♎56'27	1°41'33	
minimum elong	-4230 Oct 31 j 03:29	7°♎03'51	1°40'41	
min. Earth dist.	-4230 Oct 31 j 22:14	6°♎00'37	0.66838 AU	
morning rise	-4230 Nov 05 j 12:33	0°♎39'30		
	-4230 Nov 06 j 07:56	30°℞♍		
direct	-4230 Nov 11 j 01:17	28°♍16'10		
	-4230 Nov 16 j 08:07	0°♎		
morning max el	-4230 Nov 22 j 10:46	5°♎03'25	24°38'36	
desc. node	-4230 Dec 07 j 18:30	24°♎14'35		
	-4230 Dec 11 j 17:23	0°♏		
morning set	-4230 Dec 28 j 09:45	26°♏59'34		
	-4230 Dec 30 j 02:31	0°♐		
max. Earth dist.	-4229 Jan 01 j 04:53	3°♐47'21	1.37577 AU	
superior conj	-4229 Jan 07 j 21:03	16°♐21'30	-1°-47'-6	
minimum elong	-4229 Jan 07 j 23:27	16°♐33'08	1°47'08	
	-4229 Jan 14 j 18:31	0°♑		
evening rise	-4229 Jan 16 j 10:04	3°♑17'12		
asc. node	-4229 Jan 22 j 01:34	14°♑11'15		
	-4229 Feb 01 j 19:00	0°♒		
evening max el	-4229 Feb 02 j 07:04	0°♒29'34	19°14'01	
retrograde	-4229 Feb 11 j 04:15	4°♒43'44		
evening set	-4229 Feb 13 j 12:50	4°♒27'08		
inferior conj	-4229 Feb 21 j 17:01	0°♒16'07	2°58'18	
minimum elong	-4229 Feb 21 j 21:59	0°♒07'41	2°56'57	
	-4229 Feb 22 j 02:30	30°℞♑		
min. Earth dist.	-4229 Feb 24 j 15:54	28°♑16'45	0.56811 AU	
morning rise	-4229 Mar 02 j 03:22	25°♑21'36		
desc. node	-4229 Mar 05 j 17:43	24°♑29'04		
direct	-4229 Mar 07 j 02:10	24°♑24'46		
	-4229 Mar 19 j 10:23	0°♒		
morning max el	-4229 Mar 21 j 06:15	1°♒39'48	25°10'28	
	-4229 Apr 10 j 00:36	0°♓		
morning set	-4229 Apr 16 j 18:47	13°♓27'25		
asc. node	-4229 Apr 20 j 01:09	20°♓25'28		
superior conj	-4229 Apr 23 j 19:56	28°♓38'43	0°38'27	
minimum elong	-4229 Apr 23 j 18:19	28°♓29'54	0°38'07	
	-4229 Apr 24 j 10:54	0°♈		
max. Earth dist.	-4229 Apr 24 j 22:39	1°♈03'43	1.32974 AU	
evening rise	-4229 May 01 j 01:55	14°♈02'33		
	-4229 May 09 j 08:49	0°♉		
	-4229 May 29 j 20:48	0°♊		
desc. node	-4229 Jun 01 j 16:22	2°♊55'08		
evening max el	-4229 Jun 02 j 00:15	3°♊14'10	27°17'08	
retrograde	-4229 Jun 15 j 21:39	10°♊37'57		
evening set	-4229 Jun 22 j 23:03	8°♊15'29		
min. Earth dist.	-4229 Jun 26 j 13:33	5°♊23'51	0.62086 AU	
inferior conj	-4229 Jun 29 j 14:49	2°♊33'02	-4°-8'-29	
minimum elong	-4229 Jun 29 j 17:13	2°♊27'26	4°08'04	
	-4229 Jul 02 j 11:52	30°℞♉		
morning rise	-4229 Jul 06 j 13:58	27°♉31'09		
direct	-4229 Jul 09 j 02:44	27°♉02'54		
	-4229 Jul 15 j 09:33	0°♊		
morning max el	-4229 Jul 15 j 21:13	0°♊27'35	17°57'44	
asc. node	-4229 Jul 17 j 00:45	1°♊39'33		
morning set	-4229 Aug 01 j 01:54	25°♊49'34		
	-4229 Aug 03 j 09:24	0°♋		
superior conj	-4229 Aug 12 j 01:48	15°♋18'40	1°32'11	
minimum elong	-4229 Aug 12 j 06:30	15°♋38'47	1°31'59	
max. Earth dist.	-4229 Aug 19 j 06:11	27°♋21'36	1.42685 AU	
	-4229 Aug 20 j 21:02	0°♌		
evening rise	-4229 Aug 26 j 16:48	9°♌17'29		
desc. node	-4229 Aug 28 j 15:35	12°♌20'08		
	-4229 Sep 09 j 08:21	0°♍		
greatest brilliancy	-4229 Sep 21 j 23:26	17°♍25'45	-0.4m	
evening max el	-4229 Sep 26 j 23:00	23°♍08'35	21°38'17	
retrograde	-4229 Oct 05 j 21:20	28°♍26'47		
evening set	-4229 Oct 10 j 01:59	26°♍49'33		
asc. node	-4229 Oct 12 j 23:44	23°♍51'04		
inferior conj	-4229 Oct 15 j 11:13	20°♍33'35	0°50'28	
minimum elong	-4229 Oct 15 j 10:04	20°♍37'32	0°50'02	
min. Earth dist.	-4229 Oct 15 j 17:00	20°♍13'37	0.67281 AU	
morning rise	-4229 Oct 20 j 17:52	14°♍16'00		
direct	-4229 Oct 25 j 15:16	12°♍13'25		
morning max el	-4229 Nov 04 j 20:27	18°♍19'34	23°12'24	
greatest brilliancy	-4229 Nov 10 j 01:23	24°♍11'43	-0.3m	
	-4229 Nov 14 j 14:08	0°♎		
desc. node	-4229 Nov 24 j 15:29	14°♎12'56		
	-4229 Dec 04 j 20:54	0°♏		
morning set	-4229 Dec 09 j 11:29	7°♏32'07		
max. Earth dist.	-4229 Dec 14 j 00:28	15°♏14'44	1.39633 AU	
superior conj	-4229 Dec 21 j 15:58	28°♏55'20	-1°-54'-7	
minimum elong	-4229 Dec 21 j 16:23	28°♏57'15	1°54'17	
	-4229 Dec 22 j 05:57	0°♐		
evening rise	-4229 Dec 31 j 03:03	16°♐52'44		
	-4228 Jan 07 j 04:08	0°♑		
asc. node	-4228 Jan 08 j 22:38	3°♑01'05		
evening max el	-4228 Jan 16 j 09:09	13°♑00'25	18°32'37	
retrograde	-4228 Jan 24 j 01:09	16°♑44'55		
evening set	-4228 Jan 26 j 12:28	16°♑22'55		
inferior conj	-4228 Feb 03 j 00:27	11°♑52'25	3°47'41	
minimum elong	-4228 Feb 03 j 03:21	11°♑46'42	3°47'09	
min. Earth dist.	-4228 Feb 06 j 09:36	9°♑13'52	0.58604 AU	
morning rise	-4228 Feb 10 j 14:40	6°♑31'57		
direct	-4228 Feb 16 j 17:08	4°♑57'15		
desc. node	-4228 Feb 20 j 14:50	5°♑35'04		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-4228 Mar 01 j 23:20	12°♉29'11	26°32'01	
	-4228 Mar 15 j 17:11	0°♒		
morning set	-4228 Mar 31 j 05:53	28°♒26'35		
	-4228 Mar 31 j 23:41	0°♓		
asc. node	-4228 Apr 05 j 22:08	10°♓38'10		
superior conj	-4228 Apr 07 j 07:29	13°♓40'38	0°14'28	
minimum elong	-4228 Apr 07 j 06:51	13°♓37'10	0°14'16	
behind sun begin	-4228 Apr 07 j 04:43	13°♓25'27		
behind sun end	-4228 Apr 07 j 08:59	13°♓48'52		
max. Earth dist.	-4228 Apr 07 j 11:23	14°♓01'59	1.32621 AU	
evening rise	-4228 Apr 14 j 08:57	28°♓51'57		
	-4228 Apr 14 j 22:04	0°♈		
	-4228 May 01 j 17:36	0°♉		
evening max el	-4228 May 14 j 02:53	15°♉15'44	26°37'34	
desc. node	-4228 May 18 j 13:29	18°♉58'44		
retrograde	-4228 May 28 j 04:28	22°♉35'48		
evening set	-4228 Jun 03 j 17:00	20°♉46'02		
min. Earth dist.	-4228 Jun 07 j 16:16	18°♉04'40	0.60079 AU	
inferior conj	-4228 Jun 11 j 00:56	15°♉20'27	-4°-17'-23	
minimum elong	-4228 Jun 11 j 00:44	15°♉20'51	4°17'16	
morning rise	-4228 Jun 18 j 11:54	10°♉40'13		
direct	-4228 Jun 20 j 23:26	10°♉17'09		
morning max el	-4228 Jun 28 j 08:33	13°♉51'41	18°14'13	
asc. node	-4228 Jul 02 j 21:47	19°♉20'14		
	-4228 Jul 09 j 09:28	0°♊		
morning set	-4228 Jul 14 j 07:59	9°♊09'39		
superior conj	-4228 Jul 23 j 23:45	27°♊07'57	1°46'27	
minimum elong	-4228 Jul 24 j 01:42	27°♊16'48	1°46'33	
	-4228 Jul 25 j 14:01	0°♋		
max. Earth dist.	-4228 Jul 31 j 12:14	10°♋20'06	1.40931 AU	
evening rise	-4228 Aug 05 j 15:11	18°♋52'09		
	-4228 Aug 12 j 15:16	0°♌		
desc. node	-4228 Aug 14 j 12:34	2°♌54'07		
	-4228 Sep 02 j 19:22	0°♍		
greatest brilliancy	-4228 Sep 03 j 12:39	0°♍52'56	-0.3m	
evening max el	-4228 Sep 08 j 14:34	6°♍34'16	22°57'10	
retrograde	-4228 Sep 18 j 15:18	12°♍30'58		
evening set	-4228 Sep 23 j 09:34	10°♍34'15		
inferior conj	-4228 Sep 28 j 17:50	4°♍14'24	0°-2'-34	
minimum elong	-4228 Sep 28 j 17:53	4°♍14'12	0°02'28	
transit middle	-4228 Sep 28 j 17:53	4°♍14'12	0°02'28	
transit begin	-4228 Sep 28 j 15:13	4°♍23'24		
transit end	-4228 Sep 28 j 20:33	4°♍05'00		
min. Earth dist.	-4228 Sep 28 j 13:24	4°♍29'40	0.67421 AU	
asc. node	-4228 Sep 28 j 20:51	4°♍03'58		
	-4228 Oct 02 j 00:30	30°℞♌		
morning rise	-4228 Oct 04 j 02:09	27°♌59'27		
direct	-4228 Oct 08 j 09:15	26°♌18'16		
	-4228 Oct 15 j 16:25	0°♍		
morning max el	-4228 Oct 17 j 10:07	1°♍40'00	21°48'04	
greatest brilliancy	-4228 Oct 22 j 08:57	7°♍19'49	-0.4m	
	-4228 Nov 07 j 13:04	0°♎		
desc. node	-4228 Nov 10 j 12:27	4°♎29'45		
morning set	-4228 Nov 18 j 08:36	16°♎42'17		
max. Earth dist.	-4228 Nov 25 j 00:34	27°♎32'12	1.41638 AU	
	-4228 Nov 26 j 12:01	0°♏		
superior conj	-4228 Dec 02 j 14:47	10°♏28'21	-1°-49'-52	
minimum elong	-4228 Dec 02 j 11:52	10°♏15'36	1°49'54	
evening rise	-4228 Dec 13 j 08:33	29°♏51'34		
	-4228 Dec 13 j 10:23	0°♐		
asc. node	-4228 Dec 25 j 19:42	21°♐12'41		
evening max el	-4228 Dec 29 j 17:41	25°♐56'01	18°11'15	
retrograde	-4227 Jan 05 j 15:32	29°♐26'06		
evening set	-4227 Jan 08 j 05:32	28°♐57'25		
inferior conj	-4227 Jan 15 j 03:38	24°♐04'43	4°03'42	
minimum elong	-4227 Jan 15 j 03:42	24°♐04'35	4°03'31	
min. Earth dist.	-4227 Jan 18 j 08:42	21°♐10'24	0.60610 AU	
morning rise	-4227 Jan 21 j 23:09	18°♐25'37		
direct	-4227 Jan 28 j 19:08	16°♐13'45		
desc. node	-4227 Feb 06 j 11:56	19°♐21'53		
morning max el	-4227 Feb 11 j 22:13	23°♐53'23	27°24'59	
	-4227 Feb 17 j 11:27	0°♑		
	-4227 Mar 08 j 20:18	0°♒		
morning set	-4227 Mar 15 j 14:02	13°♒15'26		
max. Earth dist.	-4227 Mar 22 j 00:32	26°♒59'35	1.32611 AU	
superior conj	-4227 Mar 22 j 19:02	28°♒40'35	0°-10'-27	
minimum elong	-4227 Mar 22 j 19:31	28°♒43'10	0°10'28	
behind sun begin	-4227 Mar 22 j 15:43	28°♒22'26		
behind sun end	-4227 Mar 22 j 23:18	29°♒03'54		
	-4227 Mar 23 j 09:34	0°♓		
asc. node	-4227 Mar 23 j 19:06	0°♓52'06		
evening rise	-4227 Mar 29 j 19:14	13°♓49'14		
	-4227 Apr 07 j 00:39	0°♈		
evening max el	-4227 Apr 25 j 23:22	26°♈36'07	25°28'35	
	-4227 Apr 30 j 00:06	0°♉		
desc. node	-4227 May 05 j 10:35	2°♉57'54		
retrograde	-4227 May 10 j 01:15	3°♉47'52		
evening set	-4227 May 15 j 13:20	2°♉36'32		
	-4227 May 20 j 05:11	30°℞♈		
min. Earth dist.	-4227 May 20 j 11:47	29°♈48'52	0.58078 AU	
inferior conj	-4227 May 23 j 16:51	27°♈33'15	-3°-58'-51	
minimum elong	-4227 May 23 j 13:10	27°♈39'47	3°58'18	
morning rise	-4227 May 31 j 17:02	23°♈14'18		
direct	-4227 Jun 03 j 04:12	22°♈55'19		
morning max el	-4227 Jun 11 j 13:51	26°♈52'21	18°50'48	
	-4227 Jun 14 j 10:51	0°♉		
asc. node	-4227 Jun 19 j 18:49	7°♉47'50		
morning set	-4227 Jun 28 j 01:32	23°♉05'45		
	-4227 Jul 01 j 14:05	0°♊		
superior conj	-4227 Jul 06 j 18:12	10°♊00'02	1°48'58	
minimum elong	-4227 Jul 06 j 17:44	9°♊57'48	1°49'08	
max. Earth dist.	-4227 Jul 13 j 14:32	22°♊37'50	1.38993 AU	
evening rise	-4227 Jul 17 j 15:29	29°♊42'04		
	-4227 Jul 17 j 19:41	0°♋		
desc. node	-4227 Aug 01 j 09:32	23°♋16'33		
	-4227 Aug 06 j 00:36	0°♌		
evening max el	-4227 Aug 22 j 02:26	20°♌02'05	24°17'48	
retrograde	-4227 Sep 02 j 05:38	26°♌34'08		
evening set	-4227 Sep 07 j 14:54	24°♌17'42		
inferior conj	-4227 Sep 12 j 23:48	17°♌57'26	0°-55'-59	
minimum elong	-4227 Sep 13 j 01:06	17°♌53'01	0°55'19	
min. Earth dist.	-4227 Sep 12 j 08:57	18°♌47'29	0.67261 AU	
asc. node	-4227 Sep 15 j 17:59	14°♌25'15		
morning rise	-4227 Sep 18 j 11:33	11°♌48'21		
direct	-4227 Sep 22 j 05:59	10°♌27'04		
morning max el	-4227 Sep 30 j 06:27	15°♌08'26	20°32'13	
greatest brilliancy	-4227 Oct 06 j 15:04	22°♌46'45	-0.5m	
	-4227 Oct 11 j 19:24	0°♍		
morning set	-4227 Oct 28 j 09:20	24°♍58'59		
desc. node	-4227 Oct 28 j 09:22	24°♍59'05		
	-4227 Oct 31 j 14:30	0°♎		
max. Earth dist.	-4227 Nov 07 j 08:29	10°♎43'41	1.43305 AU	
superior conj	-4227 Nov 13 j 11:52	20°♎46'26	-1°-30'-41	
minimum elong	-4227 Nov 13 j 05:35	20°♎20'22	1°30'13	
	-4227 Nov 18 j 23:18	0°♏		
evening rise	-4227 Nov 25 j 22:25	12°♏04'34		
	-4227 Dec 06 j 09:58	0°♐		
asc. node	-4227 Dec 12 j 16:47	8°♐33'54		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4227 Dec 13 j 05:37	9°♐07'16	18°09'27	
retrograde	-4227 Dec 19 j 19:29	12°♐36'06		
evening set	-4227 Dec 22 j 12:27	11°♐59'48		
inferior conj	-4227 Dec 28 j 23:16	6°♐45'32	3°55'15	
minimum elong	-4227 Dec 28 j 21:15	6°♐50'45	3°54'52	
min. Earth dist.	-4227 Dec 31 j 16:19	3°♐57'55	0.62529 AU	
morning rise	-4226 Jan 04 j 04:08	0°♐52'44		
	-4226 Jan 05 j 11:15	30°℞♏		
direct	-4226 Jan 11 j 05:45	28°♏14'40		
	-4226 Jan 17 j 10:41	0°♐		
desc. node	-4226 Jan 24 j 09:00	5°♐14'11		
morning max el	-4226 Jan 25 j 03:07	5°♐57'52	27°42'29	
	-4226 Feb 12 j 09:17	0°♑		
morning set	-4226 Feb 27 j 17:03	27°♑45'24		
	-4226 Feb 28 j 19:28	0°♒		
max. Earth dist.	-4226 Mar 05 j 10:10	9°♒41'33	1.32957 AU	
superior conj	-4226 Mar 07 j 04:53	13°♒31'36	0°-35'-25	
minimum elong	-4226 Mar 07 j 06:27	13°♒40'07	0°35'16	
asc. node	-4226 Mar 10 j 16:05	21°♒02'27		
evening rise	-4226 Mar 14 j 06:48	28°♒46'20		
	-4226 Mar 14 j 20:51	0°♓		
	-4226 Apr 01 j 03:28	0°♈		
evening max el	-4226 Apr 07 j 15:29	7°♈25'12	23°59'58	
retrograde	-4226 Apr 21 j 09:58	14°♈18'43		
desc. node	-4226 Apr 22 j 07:43	14°♈16'51		
evening set	-4226 Apr 25 j 14:30	13°♈39'49		
min. Earth dist.	-4226 May 02 j 03:05	10°♈32'11	0.56394 AU	
inferior conj	-4226 May 04 j 12:32	9°♈03'38	-3°-3'-5	
minimum elong	-4226 May 04 j 06:41	9°♈12'42	3°01'39	
morning rise	-4226 May 13 j 02:42	5°♈01'38		
direct	-4226 May 15 j 14:05	4°♈45'38		
morning max el	-4226 May 25 j 10:25	9°♈19'56	19°47'56	
asc. node	-4226 Jun 06 j 15:48	26°♈50'37		
	-4226 Jun 08 j 08:05	0°♉		
morning set	-4226 Jun 12 j 03:12	7°♉28'44		
superior conj	-4226 Jun 20 j 03:40	23°♉39'19	1°42'37	
minimum elong	-4226 Jun 20 j 01:40	23°♉29'24	1°42'40	
	-4226 Jun 23 j 09:24	0°♊		
max. Earth dist.	-4226 Jun 25 j 17:37	4°♊28'06	1.37109 AU	
evening rise	-4226 Jun 29 j 16:29	11°♊45'23		
	-4226 Jul 10 j 10:31	0°♋		
desc. node	-4226 Jul 19 j 06:32	13°♋21'56		
	-4226 Aug 01 j 04:10	0°♌		
evening max el	-4226 Aug 04 j 13:02	3°♌32'44	25°32'47	
retrograde	-4226 Aug 16 j 15:46	10°♌32'27		
evening set	-4226 Aug 22 j 16:09	7°♌58'45		
min. Earth dist.	-4226 Aug 27 j 01:18	3°♌05'40	0.66777 AU	
inferior conj	-4226 Aug 28 j 03:26	1°♌41'14	-1°-48'-2	
minimum elong	-4226 Aug 28 j 05:54	1°♌33'16	1°46'56	
	-4226 Aug 29 j 11:14	30°℞♋		
morning rise	-4226 Sep 02 j 20:13	25°♋41'15		
asc. node	-4226 Sep 02 j 15:06	25°♋49'43		
direct	-4226 Sep 06 j 04:06	24°♋37'05		
morning max el	-4226 Sep 13 j 10:08	28°♋46'15	19°29'09	
	-4226 Sep 14 j 13:42	0°♌		
greatest brilliancy	-4226 Sep 22 j 15:44	10°♌44'20	-0.7m	
	-4226 Oct 05 j 06:17	0°♍		
morning set	-4226 Oct 07 j 11:28	3°♍27'01		
desc. node	-4226 Oct 15 j 06:16	15°♍36'59		
max. Earth dist.	-4226 Oct 20 j 22:46	24°♍34'52	1.44409 AU	
superior conj	-4226 Oct 24 j 05:43	29°♍48'51	0°-54'-53	
minimum elong	-4226 Oct 23 j 23:31	29°♍24'03	0°54'09	
	-4226 Oct 24 j 08:31	0°♎		
evening rise	-4226 Nov 07 j 16:04	23°♎22'52		
	-4226 Nov 11 j 15:13	0°♏		
evening max el	-4226 Nov 26 j 18:15	22°♏28'01	18°26'25	
asc. node	-4226 Nov 29 j 13:54	24°♏50'46		
retrograde	-4226 Dec 03 j 08:35	26°♏06'18		
evening set	-4226 Dec 06 j 05:41	25°♏21'00		
inferior conj	-4226 Dec 12 j 07:36	19°♏47'36	3°30'03	
minimum elong	-4226 Dec 12 j 04:34	19°♏56'18	3°29'17	
min. Earth dist.	-4226 Dec 14 j 10:06	17°♏22'47	0.64181 AU	
morning rise	-4226 Dec 18 j 02:05	13°♏44'29		
direct	-4226 Dec 24 j 23:47	10°♏54'55		
morning max el	-4225 Jan 07 j 11:56	18°♏36'52	27°24'25	
desc. node	-4225 Jan 11 j 06:04	22°♏37'33		
	-4225 Jan 17 j 04:49	0°♐		
	-4225 Feb 05 j 06:15	0°♑		
morning set	-4225 Feb 11 j 12:14	11°♑47'45		
max. Earth dist.	-4225 Feb 16 j 12:19	21°♑55'14	1.33696 AU	
superior conj	-4225 Feb 19 j 11:14	28°♑07'46	0°-59'-28	
minimum elong	-4225 Feb 19 j 13:44	28°♑21'05	0°59'13	
	-4225 Feb 20 j 08:20	0°♒		
asc. node	-4225 Feb 25 j 13:05	11°♒05'09		
evening rise	-4225 Feb 26 j 17:57	13°♒37'06		
	-4225 Mar 07 j 03:37	0°♓		
evening max el	-4225 Mar 20 j 08:54	18°♓08'49	22°25'45	
retrograde	-4225 Apr 02 j 06:49	24°♓26'45		
evening set	-4225 Apr 05 j 07:21	24°♓06'39		
desc. node	-4225 Apr 09 j 04:54	22°♓47'36		
min. Earth dist.	-4225 Apr 13 j 17:13	20°♓26'35	0.55365 AU	
inferior conj	-4225 Apr 14 j 14:57	19°♓55'41	-1°-28'-26	
minimum elong	-4225 Apr 14 j 11:02	20°♓01'15	1°27'12	
morning rise	-4225 Apr 23 j 16:44	15°♓58'28		
direct	-4225 Apr 26 j 07:28	15°♓42'48		
morning max el	-4225 May 07 j 20:29	21°♓07'33	21°04'30	
	-4225 May 15 j 04:50	0°♈		
asc. node	-4225 May 24 j 12:47	16°♈19'46		
morning set	-4225 May 27 j 10:21	22°♈11'00		
	-4225 May 31 j 04:43	0°♉		
superior conj	-4225 Jun 03 j 23:44	7°♉52'36	1°29'49	
minimum elong	-4225 Jun 03 j 21:06	7°♉38'58	1°29'38	
max. Earth dist.	-4225 Jun 08 j 03:17	16°♉16'25	1.35486 AU	
evening rise	-4225 Jun 12 j 13:05	24°♉48'44		
	-4225 Jun 15 j 08:14	0°♊		
	-4225 Jul 03 j 22:46	0°♋		
desc. node	-4225 Jul 06 j 03:35	3°♋02'07		
evening max el	-4225 Jul 17 j 23:58	17°♋02'10	26°34'04	
retrograde	-4225 Jul 30 j 21:10	24°♋19'05		
evening set	-4225 Aug 06 j 11:06	21°♋34'09		
min. Earth dist.	-4225 Aug 10 j 12:06	17°♋19'45	0.65940 AU	
inferior conj	-4225 Aug 12 j 02:45	15°♋22'34	-2°-36'-55	
minimum elong	-4225 Aug 12 j 06:07	15°♋12'21	2°35'39	
morning rise	-4225 Aug 18 j 02:07	9°♋34'45		
asc. node	-4225 Aug 20 j 12:11	8°♋46'09		
direct	-4225 Aug 21 j 01:45	8°♋44'21		
morning max el	-4225 Aug 27 j 19:51	12°♋30'09	18°41'19	
	-4225 Sep 09 j 08:11	0°♌		
morning set	-4225 Sep 17 j 10:44	12°♌58'59		
	-4225 Sep 28 j 02:59	0°♍		
desc. node	-4225 Oct 02 j 03:10	6°♍19'38		
superior conj	-4225 Oct 03 j 06:19	8°♍06'37	0°-7'-9	
minimum elong	-4225 Oct 03 j 05:23	8°♍02'55	0°06'58	
behind sun begin	-4225 Oct 02 j 18:57	7°♍21'50		
behind sun end	-4225 Oct 03 j 15:48	8°♍43'59		
max. Earth dist.	-4225 Oct 03 j 16:08	8°♍45'19	1.44823 AU	
	-4225 Oct 17 j 02:44	0°♎		
evening rise	-4225 Oct 19 j 09:21	3°♎37'27		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4225 Nov 05 j 09:50	0°♏	
evening max el	-4225 Nov 10 j 04:59	5°♏53'14	19°01'03
asc. node	-4225 Nov 16 j 11:02	9°♏47'19	
retrograde	-4225 Nov 17 j 03:01	9°♏49'50	
evening set	-4225 Nov 20 j 06:06	8°♏53'24	
inferior conj	-4225 Nov 26 j 01:09	3°♏03'57	2°53'31
minimum elong	-4225 Nov 25 j 21:59	3°♏13'47	2°52'30
min. Earth dist.	-4225 Nov 27 j 13:25	1°♏11'04	0.65492 AU
	-4225 Nov 28 j 13:00	30°℞♎	
morning rise	-4225 Dec 01 j 12:54	26°♎53'21	
direct	-4225 Dec 08 j 00:23	24°♎06'11	
	-4225 Dec 19 j 05:07	0°♏	
morning max el	-4225 Dec 20 j 21:42	1°♏37'14	26°35'59
desc. node	-4225 Dec 29 j 03:04	11°♏04'47	
	-4224 Jan 11 j 07:19	0°♐	
morning set	-4224 Jan 25 j 19:59	25°♐10'52	
	-4224 Jan 28 j 08:12	0°♑	
max. Earth dist.	-4224 Jan 30 j 03:26	3°♑32'43	1.34867 AU
superior conj	-4224 Feb 03 j 11:54	12°♑22'09	-1°-21'-20
minimum elong	-4224 Feb 03 j 14:58	12°♑37'57	1°21'06
evening rise	-4224 Feb 11 j 02:52	28°♑15'21	
	-4224 Feb 11 j 23:13	0°♒	
asc. node	-4224 Feb 12 j 10:07	0°♒55'40	
evening max el	-4224 Mar 01 j 09:47	29°♒13'48	20°58'45
	-4224 Mar 02 j 05:57	0°♓	
retrograde	-4224 Mar 12 j 20:38	4°♓41'25	
evening set	-4224 Mar 15 j 06:39	4°♓27'43	
inferior conj	-4224 Mar 24 j 10:21	0°♓29'45	0°27'26
minimum elong	-4224 Mar 24 j 11:36	0°♓27'58	0°26'53
	-4224 Mar 25 j 07:11	30°℞♒	
min. Earth dist.	-4224 Mar 25 j 07:35	29°♒59'26	0.55228 AU
desc. node	-4224 Mar 26 j 02:03	29°♒33'18	
morning rise	-4224 Apr 02 j 15:26	26°♒19'22	
direct	-4224 Apr 05 j 19:32	25°♒57'25	
	-4224 Apr 16 j 04:48	0°♓	
morning max el	-4224 Apr 18 j 20:05	2°♓15'19	22°36'33
	-4224 May 07 j 09:04	0°♈	
asc. node	-4224 May 10 j 09:46	6°♈08'37	
morning set	-4224 May 10 j 20:57	7°♈06'42	
superior conj	-4224 May 18 j 03:09	22°♈30'04	1°12'20
minimum elong	-4224 May 18 j 00:33	22°♈16'15	1°12'00
max. Earth dist.	-4224 May 20 j 22:58	28°♈25'39	1.34225 AU
	-4224 May 21 j 17:14	0°♉	
evening rise	-4224 May 26 j 00:12	8°♉37'52	
	-4224 Jun 06 j 20:07	0°♊	
desc. node	-4224 Jun 22 j 00:42	22°♊06'29	
	-4224 Jun 29 j 01:53	0°♋	
evening max el	-4224 Jun 29 j 11:20	0°♋22'58	27°13'42
retrograde	-4224 Jul 12 j 21:17	7°♋46'47	
evening set	-4224 Jul 19 j 21:06	5°♋00'26	
min. Earth dist.	-4224 Jul 23 j 15:17	1°♋23'30	0.64730 AU
	-4224 Jul 24 j 21:24	30°℞♊	
inferior conj	-4224 Jul 25 j 19:34	28°♊57'52	-3°-20'-15
minimum elong	-4224 Jul 25 j 23:18	28°♊47'26	3°19'08
morning rise	-4224 Aug 01 j 02:59	23°♊25'20	
direct	-4224 Aug 03 j 20:46	22°♊45'27	
asc. node	-4224 Aug 06 j 09:16	23°♊18'55	
morning max el	-4224 Aug 10 j 09:23	26°♊16'13	18°10'13
	-4224 Aug 13 j 13:47	0°♋	
morning set	-4224 Aug 28 j 13:27	23°♋50'18	
	-4224 Sep 01 j 06:00	0°♌	
superior conj	-4224 Sep 11 j 11:27	16°♌42'00	0°40'39
minimum elong	-4224 Sep 11 j 16:03	17°♌00'28	0°40'14
max. Earth dist.	-4224 Sep 15 j 09:41	22°♌57'33	1.44512 AU
desc. node	-4224 Sep 18 j 00:07	27°♌04'12	
	-4224 Sep 19 j 20:51	0°♍	
evening rise	-4224 Sep 28 j 02:46	12°♍51'24	
	-4224 Oct 09 j 06:24	0°♎	
greatest brilliancy	-4224 Oct 15 j 19:47	9°♎40'07	-0.6m
evening max el	-4224 Oct 23 j 11:39	19°♎20'12	19°51'45
retrograde	-4224 Oct 30 j 23:51	23°♎43'00	
asc. node	-4224 Nov 02 j 08:11	23°♎11'00	
evening set	-4224 Nov 03 j 11:09	22°♎32'45	
inferior conj	-4224 Nov 09 j 01:06	16°♎30'27	2°09'21
minimum elong	-4224 Nov 08 j 22:27	16°♎39'14	2°08'22
min. Earth dist.	-4224 Nov 10 j 00:30	15°♎13'23	0.66450 AU
morning rise	-4224 Nov 14 j 09:04	10°♎15'06	
direct	-4224 Nov 20 j 06:41	7°♎40'55	
morning max el	-4224 Dec 02 j 06:39	14°♎47'28	25°25'22
	-4224 Dec 14 j 19:03	0°♏	
desc. node	-4224 Dec 15 j 00:03	0°♏17'13	
	-4223 Jan 03 j 03:15	0°♐	
morning set	-4223 Jan 07 j 11:28	7°♐40'08	
max. Earth dist.	-4223 Jan 11 j 06:59	14°♐42'24	1.36485 AU
superior conj	-4223 Jan 17 j 04:07	26°♐06'10	-1°-39'-20
minimum elong	-4223 Jan 17 j 07:03	26°♐20'45	1°39'16
	-4223 Jan 19 j 02:50	0°♑	
evening rise	-4223 Jan 25 j 07:33	12°♑34'36	
asc. node	-4223 Jan 29 j 07:11	20°♑28'07	
	-4223 Feb 03 j 14:26	0°♒	
evening max el	-4223 Feb 11 j 20:59	10°♒52'40	19°46'52
retrograde	-4223 Feb 21 j 15:02	15°♒30'00	
evening set	-4223 Feb 23 j 22:49	15°♒15'27	
inferior conj	-4223 Mar 04 j 12:38	11°♒13'06	2°12'32
minimum elong	-4223 Mar 04 j 17:27	11°♒05'34	2°10'58
min. Earth dist.	-4223 Mar 06 j 22:00	9°♒43'47	0.56016 AU
desc. node	-4223 Mar 12 j 23:12	6°♒43'50	
morning rise	-4223 Mar 13 j 08:48	6°♒36'05	
direct	-4223 Mar 17 j 14:36	5°♒55'59	
morning max el	-4223 Mar 31 j 12:22	12°♒54'45	24°15'33
	-4223 Apr 13 j 15:08	0°♓	
morning set	-4223 Apr 25 j 09:05	22°♓08'36	
asc. node	-4223 Apr 27 j 06:46	26°♓10'31	
	-4223 Apr 29 j 01:29	0°♈	
superior conj	-4223 May 02 j 11:16	7°♈22'14	0°51'32
minimum elong	-4223 May 02 j 09:11	7°♈11'00	0°51'09
max. Earth dist.	-4223 May 04 j 03:53	11°♈00'37	1.33334 AU
evening rise	-4223 May 09 j 21:30	22°♈58'26	
	-4223 May 13 j 11:03	0°♉	
	-4223 May 31 j 14:32	0°♊	
desc. node	-4223 Jun 08 j 21:49	10°♊18'55	
evening max el	-4223 Jun 11 j 21:18	13°♊22'08	27°25'07
retrograde	-4223 Jun 25 j 15:16	20°♊46'02	
evening set	-4223 Jul 02 j 18:40	18°♊11'04	
min. Earth dist.	-4223 Jul 06 j 09:00	15°♊05'55	0.63147 AU
inferior conj	-4223 Jul 09 j 03:05	12°♊20'35	-3°-54'-40
minimum elong	-4223 Jul 09 j 06:19	12°♊12'27	3°53'58
morning rise	-4223 Jul 15 j 20:02	7°♊06'30	
direct	-4223 Jul 18 j 10:11	6°♊34'27	
asc. node	-4223 Jul 24 j 06:19	9°♊16'29	
morning max el	-4223 Jul 25 j 00:12	9°♊58'37	17°56'57
	-4223 Aug 07 j 08:29	0°♋	
morning set	-4223 Aug 10 j 16:21	5°♋50'36	
superior conj	-4223 Aug 22 j 15:20	26°♋25'28	1°17'37
minimum elong	-4223 Aug 22 j 21:03	26°♋49'18	1°17'12
	-4223 Aug 24 j 19:02	0°♌	
max. Earth dist.	-4223 Aug 29 j 00:45	6°♌54'50	1.43518 AU
desc. node	-4223 Sep 04 j 21:05	17°♌47'23	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-4223 Sep 07 j 07:01	21°♌32'55	
	-4223 Sep 12 j 19:10	0°♍	
greatest brilliancy	-4223 Sep 30 j 21:17	26°♍07'33	-0.5m
	-4223 Oct 04 j 00:11	0°♎	
evening max el	-4223 Oct 06 j 12:37	2°♎46'50	20°56'17
retrograde	-4223 Oct 14 j 20:53	7°♎42'52	
evening set	-4223 Oct 18 j 18:40	6°♎16'03	
asc. node	-4223 Oct 20 j 05:17	5°♎00'11	
inferior conj	-4223 Oct 24 j 05:10	0°♎04'09	1°20'14
minimum elong	-4223 Oct 24 j 03:23	0°♎10'13	1°19'32
	-4223 Oct 24 j 06:23	30°℞♍	
min. Earth dist.	-4223 Oct 24 j 17:02	29°♍23'40	0.67068 AU
morning rise	-4223 Oct 29 j 11:42	23°♍46'48	
direct	-4223 Nov 03 j 17:59	21°♍31'57	
morning max el	-4223 Nov 14 j 15:24	28°♍01'52	24°02'17
	-4223 Nov 16 j 12:17	0°♎	
desc. node	-4223 Dec 01 j 21:02	20°♎01'48	
	-4223 Dec 08 j 12:47	0°♏	
morning set	-4223 Dec 20 j 04:42	18°♏59'35	
max. Earth dist.	-4223 Dec 24 j 03:44	25°♏55'12	1.38444 AU
	-4223 Dec 26 j 10:04	0°♐	
superior conj	-4223 Dec 31 j 08:12	9°♐09'45	-1°-51'-13
minimum elong	-4223 Dec 31 j 09:56	9°♐18'00	1°51'20
evening rise	-4222 Jan 09 j 05:39	26°♐28'43	
	-4222 Jan 11 j 00:57	0°♑	
asc. node	-4222 Jan 16 j 04:15	9°♑36'04	
evening max el	-4222 Jan 25 j 18:13	23°♑06'20	18°53'52
retrograde	-4222 Feb 03 j 01:24	27°♑05'46	
evening set	-4222 Feb 05 j 11:17	26°♑46'56	
inferior conj	-4222 Feb 13 j 08:20	22°♑27'56	3°23'47
minimum elong	-4222 Feb 13 j 12:41	22°♑20'05	3°22'48
min. Earth dist.	-4222 Feb 16 j 13:33	20°♑09'42	0.57532 AU
morning rise	-4222 Feb 21 j 10:22	17°♑21'52	
direct	-4222 Feb 26 j 21:53	16°♑09'53	
desc. node	-4222 Feb 27 j 20:19	16°♑11'59	
morning max el	-4222 Mar 13 j 03:31	23°♑32'37	25°47'55
	-4222 Mar 18 j 23:09	0°♒	
	-4222 Apr 06 j 08:50	0°♓	
morning set	-4222 Apr 09 j 21:04	7°♓10'46	
asc. node	-4222 Apr 14 j 03:45	16°♓20'37	
superior conj	-4222 Apr 16 j 22:04	22°♓22'18	0°28'26
minimum elong	-4222 Apr 16 j 20:51	22°♓15'37	0°28'08
max. Earth dist.	-4222 Apr 17 j 14:59	23°♓54'32	1.32791 AU
	-4222 Apr 20 j 10:29	0°♈	
evening rise	-4222 Apr 24 j 01:43	7°♈39'49	
	-4222 May 05 j 22:51	0°♉	
evening max el	-4222 May 25 j 03:11	25°♉46'44	27°04'11
desc. node	-4222 May 26 j 18:55	27°♉17'37	
	-4222 May 30 j 06:47	0°♊	
retrograde	-4222 Jun 08 j 02:14	3°♊08'21	
evening set	-4222 Jun 14 j 23:49	0°♊58'30	
	-4222 Jun 16 j 10:39	30°℞♉	
min. Earth dist.	-4222 Jun 18 j 16:39	28°♉13'25	0.61255 AU
inferior conj	-4222 Jun 21 j 22:00	25°♉23'05	-4°-14'-59
minimum elong	-4222 Jun 21 j 23:28	25°♉19'51	4°14'45
morning rise	-4222 Jun 29 j 02:00	20°♉30'12	
direct	-4222 Jul 01 j 14:15	20°♉04'09	
morning max el	-4222 Jul 08 j 13:36	23°♉31'16	18°02'22
asc. node	-4222 Jul 11 j 03:21	26°♉23'37	
	-4222 Jul 13 j 18:10	0°♊	
morning set	-4222 Jul 24 j 13:55	18°♊44'53	
	-4222 Jul 30 j 17:34	0°♋	
superior conj	-4222 Aug 03 j 22:52	7°♋31'12	1°39'53
minimum elong	-4222 Aug 04 j 02:26	7°♋46'53	1°39'50
max. Earth dist.	-4222 Aug 11 j 10:38	20°♋19'10	1.41978 AU
	-4222 Aug 17 j 09:15	0°♌	
evening rise	-4222 Aug 17 j 17:39	0°♌33'30	
desc. node	-4222 Aug 22 j 18:02	8°♌25'32	
	-4222 Sep 06 j 08:53	0°♍	
greatest brilliancy	-4222 Sep 14 j 13:29	10°♍50'29	-0.3m
evening max el	-4222 Sep 19 j 07:13	16°♍11'41	22°11'14
retrograde	-4222 Sep 28 j 16:21	21°♍46'06	
evening set	-4222 Oct 03 j 02:42	20°♍00'26	
asc. node	-4222 Oct 07 j 02:24	15°♍34'52	
inferior conj	-4222 Oct 08 j 11:19	13°♍42'22	0°28'06
minimum elong	-4222 Oct 08 j 10:40	13°♍44'37	0°27'53
min. Earth dist.	-4222 Oct 08 j 12:39	13°♍37'46	0.67374 AU
morning rise	-4222 Oct 13 j 18:28	7°♍25'48	
direct	-4222 Oct 18 j 09:36	5°♍32'34	
morning max el	-4222 Oct 28 j 02:28	11°♍19'25	22°36'00
greatest brilliancy	-4222 Nov 01 j 19:29	16°♍37'32	-0.3m
	-4222 Nov 11 j 19:43	0°♎	
desc. node	-4222 Nov 18 j 17:57	10°♎08'26	
morning set	-4222 Nov 30 j 18:10	28°♎56'00	
	-4222 Dec 01 j 09:49	0°♏	
max. Earth dist.	-4222 Dec 06 j 01:04	7°♏43'58	1.40511 AU
superior conj	-4222 Dec 13 j 19:14	21°♏19'10	-1°-53'-56
minimum elong	-4222 Dec 13 j 18:23	21°♏15'16	1°54'04
	-4222 Dec 18 j 12:45	0°♐	
evening rise	-4222 Dec 23 j 18:11	9°♐49'44	
asc. node	-4221 Jan 03 j 01:19	28°♐10'49	
	-4221 Jan 04 j 06:16	0°♑	
evening max el	-4221 Jan 08 j 23:18	5°♑48'08	18°20'59
retrograde	-4221 Jan 16 j 06:22	9°♑25'08	
evening set	-4221 Jan 18 j 18:45	9°♑00'26	
inferior conj	-4221 Jan 26 j 00:29	4°♑20'15	3°58'01
minimum elong	-4221 Jan 26 j 02:09	4°♑16'44	3°57'43
min. Earth dist.	-4221 Jan 29 j 09:05	1°♑32'11	0.59452 AU
	-4221 Jan 31 j 10:21	30°℞♐	
morning rise	-4221 Feb 02 j 06:20	28°♐50'49	
direct	-4221 Feb 08 j 17:27	26°♐59'52	
desc. node	-4221 Feb 14 j 17:25	28°♐29'23	
	-4221 Feb 17 j 08:51	0°♑	
morning max el	-4221 Feb 22 j 23:02	4°♑35'36	26°58'38
	-4221 Mar 13 j 15:41	0°♒	
morning set	-4221 Mar 25 j 07:10	22°♒06'24	
	-4221 Mar 29 j 00:21	0°♓	
superior conj	-4221 Apr 01 j 09:49	7°♓23'47	0°03'57
minimum elong	-4221 Apr 01 j 09:38	7°♓22'51	0°03'50
behind sun begin	-4221 Apr 01 j 04:46	6°♓56'12	
behind sun end	-4221 Apr 01 j 14:30	7°♓49'31	
max. Earth dist.	-4221 Apr 01 j 04:26	6°♓54'20	1.32577 AU
asc. node	-4221 Apr 01 j 00:45	6°♓34'12	
evening rise	-4221 Apr 08 j 10:22	22°♓33'05	
	-4221 Apr 12 j 02:02	0°♈	
	-4221 Apr 30 j 10:15	0°♉	
evening max el	-4221 May 07 j 02:56	7°♉29'22	26°11'14
desc. node	-4221 May 13 j 16:02	12°♉32'48	
retrograde	-4221 May 21 j 05:04	14°♉47'07	
evening set	-4221 May 27 j 08:44	13°♉13'16	
min. Earth dist.	-4221 May 31 j 15:42	10°♉31'26	0.59210 AU
inferior conj	-4221 Jun 04 j 00:44	7°♉56'29	-4°-13'-29
minimum elong	-4221 Jun 03 j 23:05	7°♉59'40	4°13'18
morning rise	-4221 Jun 11 j 17:13	3°♉25'58	
direct	-4221 Jun 14 j 04:36	3°♉04'45	
morning max el	-4221 Jun 21 j 22:47	6°♉46'48	18°27'23
asc. node	-4221 Jun 28 j 00:23	14°♉25'41	
	-4221 Jul 06 j 19:46	0°♊	
morning set	-4221 Jul 08 j 01:21	2°♊21'21	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4221 Jul 17 j 06:19	19°♊49'37	1°48'46
minimum elong	-4221 Jul 17 j 07:09	19°♊53'28	1°48'57
	-4221 Jul 22 j 21:32	0°♋	
max. Earth dist.	-4221 Jul 24 j 14:36	2°♋59'23	1.40106 AU
evening rise	-4221 Jul 29 j 02:40	10°♋38'34	
desc. node	-4221 Aug 09 j 15:01	28°♋55'12	
	-4221 Aug 10 j 08:12	0°♌	
evening max el	-4221 Sep 01 j 20:44	29°♌37'17	23°31'40
	-4221 Sep 02 j 05:53	0°♍	
retrograde	-4221 Sep 12 j 09:01	5°♍50'22	
evening set	-4221 Sep 17 j 09:33	3°♍44'59	
	-4221 Sep 20 j 19:37	30°℞♌	
inferior conj	-4221 Sep 22 j 17:52	27°♌24'14	0°-25'-17
minimum elong	-4221 Sep 22 j 18:27	27°♌22'14	0°24'56
min. Earth dist.	-4221 Sep 22 j 08:59	27°♌54'39	0.67384 AU
asc. node	-4221 Sep 23 j 23:30	25°♌43'49	
morning rise	-4221 Sep 28 j 03:26	21°♌11'26	
direct	-4221 Oct 02 j 04:47	19°♌39'13	
morning max el	-4221 Oct 10 j 18:53	24°♌43'23	21°14'31
	-4221 Oct 15 j 09:21	0°♍	
greatest brilliancy	-4221 Oct 16 j 05:02	1°♍02'11	-0.5m
	-4221 Nov 05 j 06:50	0°♎	
desc. node	-4221 Nov 05 j 14:53	0°♎30'55	
morning set	-4221 Nov 10 j 04:42	7°♎37'22	
max. Earth dist.	-4221 Nov 18 j 04:11	20°♎24'07	1.42399 AU
	-4221 Nov 23 j 22:31	0°♏	
superior conj	-4221 Nov 25 j 07:37	2°♏20'55	-1°-43'-46
minimum elong	-4221 Nov 25 j 03:08	2°♏01'42	1°43'35
evening rise	-4221 Dec 06 j 17:35	22°♏29'58	
	-4221 Dec 10 j 21:41	0°♐	
asc. node	-4221 Dec 20 j 22:22	16°♐02'22	
evening max el	-4221 Dec 23 j 09:34	18°♐50'51	18°08'07
retrograde	-4221 Dec 30 j 03:05	22°♐19'13	
evening set	-4220 Jan 01 j 18:08	21°♐47'35	
inferior conj	-4220 Jan 08 j 11:09	16°♐45'40	4°02'36
minimum elong	-4220 Jan 08 j 10:12	16°♐47'58	4°02'22
min. Earth dist.	-4220 Jan 11 j 11:48	13°♐51'25	0.61449 AU
morning rise	-4220 Jan 14 j 23:51	10°♐59'55	
direct	-4220 Jan 21 j 23:30	8°♐34'59	
desc. node	-4220 Feb 01 j 14:29	13°♐13'43	
morning max el	-4220 Feb 05 j 00:47	16°♐17'31	27°36'49
	-4220 Feb 16 j 08:47	0°♑	
	-4220 Mar 05 j 03:53	0°♒	
morning set	-4220 Mar 08 j 13:26	6°♒48'16	
max. Earth dist.	-4220 Mar 14 j 16:27	19°♒46'19	1.32710 AU
superior conj	-4220 Mar 15 j 20:52	22°♒20'41	0°-21'-6
minimum elong	-4220 Mar 15 j 21:49	22°♒25'51	0°21'02
asc. node	-4220 Mar 17 j 21:44	26°♒47'02	
	-4220 Mar 19 j 09:14	0°♓	
evening rise	-4220 Mar 22 j 21:26	7°♓30'47	
	-4220 Apr 03 j 18:13	0°♈	
evening max el	-4220 Apr 17 j 20:59	18°♈33'45	24°52'28
desc. node	-4220 Apr 29 j 13:11	25°♈27'28	
retrograde	-4220 May 01 j 21:29	25°♈40'18	
evening set	-4220 May 06 j 20:13	24°♈44'13	
min. Earth dist.	-4220 May 12 j 09:15	21°♈49'16	0.57295 AU
inferior conj	-4220 May 15 j 08:06	19°♈51'37	-3°-40'-10
minimum elong	-4220 May 15 j 03:09	19°♈59'54	3°39'14
morning rise	-4220 May 23 j 14:17	15°♈40'55	
direct	-4220 May 26 j 01:10	15°♈23'33	
morning max el	-4220 Jun 04 j 00:47	19°♈34'57	19°12'39
	-4220 Jun 12 j 00:35	0°♉	
asc. node	-4220 Jun 13 j 21:24	3°♉09'23	
morning set	-4220 Jun 20 j 22:44	16°♉29'35	
	-4220 Jun 27 j 18:09	0°♊	

superior conj	-4220 Jun 29 j 07:48	3°♊03'34	1°47'12
minimum elong	-4220 Jun 29 j 06:34	2°♊57'35	1°47'20
max. Earth dist.	-4220 Jul 05 j 16:01	15°♊00'34	1.38165 AU
evening rise	-4220 Jul 09 j 14:01	22°♊01'05	
	-4220 Jul 14 j 06:03	0°♋	
desc. node	-4220 Jul 26 j 12:02	19°♋11'02	
	-4220 Aug 03 j 05:31	0°♌	
evening max el	-4220 Aug 14 j 07:42	13°♌05'55	24°50'55
retrograde	-4220 Aug 25 j 21:46	19°♌51'35	
evening set	-4220 Aug 31 j 13:23	17°♌27'28	
min. Earth dist.	-4220 Sep 05 j 03:35	12°♌12'28	0.67091 AU
inferior conj	-4220 Sep 05 j 23:04	11°♌07'44	-1°-18'-19
minimum elong	-4220 Sep 06 j 00:53	11°♌01'42	1°17'28
asc. node	-4220 Sep 09 j 20:37	6°♌26'08	
morning rise	-4220 Sep 11 j 12:44	5°♌01'53	
direct	-4220 Sep 15 j 02:21	3°♌48'17	
morning max el	-4220 Sep 22 j 18:20	8°♌15'22	20°03'35
greatest brilliancy	-4220 Sep 30 j 02:04	17°♌18'27	-0.6m
	-4220 Oct 08 j 18:49	0°♍	
morning set	-4220 Oct 19 j 02:53	15°♍49'25	
desc. node	-4220 Oct 22 j 11:48	21°♍04'01	
	-4220 Oct 28 j 04:10	0°♎	
max. Earth dist.	-4220 Oct 30 j 14:25	3°♎51'47	1.43849 AU
superior conj	-4220 Nov 04 j 16:49	12°♎05'21	-1°-17'-27
minimum elong	-4220 Nov 04 j 09:55	11°♎37'16	1°16'47
	-4220 Nov 15 j 10:32	0°♏	
evening rise	-4220 Nov 17 j 23:22	4°♏20'12	
	-4220 Dec 04 j 00:51	0°♐	
evening max el	-4220 Dec 05 j 22:12	2°♐07'05	18°14'32
asc. node	-4220 Dec 06 j 19:27	2°♐58'03	
retrograde	-4220 Dec 12 j 11:19	5°♐38'33	
evening set	-4220 Dec 15 j 05:51	4°♐58'41	
	-4220 Dec 21 j 03:52	30°℞♏	
inferior conj	-4220 Dec 21 j 12:38	29°♏36'17	3°46'15
minimum elong	-4220 Dec 21 j 10:04	29°♏43'15	3°45'41
min. Earth dist.	-4220 Dec 23 j 23:44	26°♏56'34	0.63270 AU
morning rise	-4220 Dec 27 j 12:36	23°♏38'53	
direct	-4219 Jan 03 j 13:43	20°♏53'41	
morning max el	-4219 Jan 17 j 07:32	28°♏37'32	27°38'53
desc. node	-4219 Jan 18 j 11:34	29°♏48'29	
	-4219 Jan 18 j 15:59	0°♐	
	-4219 Feb 09 j 03:18	0°♑	
morning set	-4219 Feb 20 j 13:32	21°♑08'17	
	-4219 Feb 24 j 21:11	0°♒	
max. Earth dist.	-4219 Feb 25 j 23:14	2°♒17'21	1.33217 AU
superior conj	-4219 Feb 28 j 05:32	7°♒07'03	0°-45'-47
minimum elong	-4219 Feb 28 j 07:32	7°♒17'47	0°45'34
asc. node	-4219 Mar 04 j 18:44	16°♒55'09	
evening rise	-4219 Mar 07 j 09:05	22°♒26'35	
	-4219 Mar 11 j 01:36	0°♓	
evening max el	-4219 Mar 30 j 13:09	29°♓18'37	23°19'51
	-4219 Mar 31 j 06:54	0°♈	
retrograde	-4219 Apr 13 j 00:56	5°♈58'44	
desc. node	-4219 Apr 16 j 10:20	5°♈33'30	
evening set	-4219 Apr 16 j 16:10	5°♈29'50	
min. Earth dist.	-4219 Apr 24 j 00:11	2°♈10'01	0.55861 AU
inferior conj	-4219 Apr 25 j 19:51	1°♈05'28	-2°-27'-16
minimum elong	-4219 Apr 25 j 14:14	1°♈13'48	2°25'40
	-4219 Apr 27 j 16:45	30°℞♓	
morning rise	-4219 May 04 j 15:28	27°♓06'56	
direct	-4219 May 07 j 03:32	26°♓51'31	
	-4219 May 15 j 14:17	0°♈	
morning max el	-4219 May 17 j 17:03	1°♈46'33	20°18'08
asc. node	-4219 May 31 j 18:26	22°♈24'43	
	-4219 Jun 04 j 14:51	0°♉	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4219 Jun 05 j 03:04	1°♉01'52	
superior conj	-4219 Jun 12 j 22:17	16°♉58'42	1°37'52
minimum elong	-4219 Jun 12 j 19:55	16°♉46'44	1°37'48
max. Earth dist.	-4219 Jun 17 j 21:21	26°♉46'56	1.36387 AU
	-4219 Jun 19 j 13:46	0°♊	
evening rise	-4219 Jun 22 j 00:09	4°♊32'21	
	-4219 Jul 07 j 03:50	0°♋	
desc. node	-4219 Jul 13 j 09:04	9°♋06'34	
evening max el	-4219 Jul 27 j 18:34	26°♋37'19	26°01'03
	-4219 Jul 31 j 14:26	0°♌	
retrograde	-4219 Aug 09 j 05:52	3°♌45'09	
evening set	-4219 Aug 15 j 12:14	1°♌06'06	
	-4219 Aug 16 j 16:32	30℞♋	
min. Earth dist.	-4219 Aug 19 j 17:57	26°♋29'06	0.66468 AU
inferior conj	-4219 Aug 21 j 01:08	24°♋50'47	-2°-9'-18
minimum elong	-4219 Aug 21 j 04:01	24°♋41'40	2°08'05
morning rise	-4219 Aug 26 j 20:30	18°♋55'19	
asc. node	-4219 Aug 27 j 17:44	18°♋27'27	
direct	-4219 Aug 30 j 00:40	17°♋57'15	
morning max el	-4219 Sep 06 j 00:42	21°♋55'19	19°06'45
	-4219 Sep 12 j 11:24	0°♌	
morning set	-4219 Sep 28 j 12:18	24°♌39'48	
	-4219 Oct 01 j 21:41	0°♍	
desc. node	-4219 Oct 09 j 08:43	11°♍43'55	
max. Earth dist.	-4219 Oct 13 j 06:28	17°♍53'18	1.44676 AU
superior conj	-4219 Oct 15 j 01:13	20°♍42'15	0°-35'-29
minimum elong	-4219 Oct 14 j 20:45	20°♍24'35	0°34'54
	-4219 Oct 20 j 21:30	0°♎	
evening rise	-4219 Oct 30 j 06:55	15°♎11'18	
	-4219 Nov 08 j 09:05	0°♏	
evening max el	-4219 Nov 19 j 10:22	15°♏30'11	18°39'11
asc. node	-4219 Nov 23 j 16:35	18°♏42'30	
retrograde	-4219 Nov 26 j 02:59	19°♏14'51	
evening set	-4219 Nov 29 j 02:29	18°♏24'57	
inferior conj	-4219 Dec 05 j 01:14	12°♏44'25	3°15'40
minimum elong	-4219 Dec 04 j 22:03	12°♏53'52	3°14'46
min. Earth dist.	-4219 Dec 06 j 21:32	10°♏32'36	0.64782 AU
morning rise	-4219 Dec 10 j 16:29	6°♏38'07	
direct	-4219 Dec 17 j 10:34	3°♏48'05	
morning max el	-4219 Dec 30 j 16:50	11°♏26'03	27°07'12
desc. node	-4218 Jan 05 j 08:35	17°♏41'18	
	-4218 Jan 14 j 13:36	0°♐	
	-4218 Feb 01 j 14:25	0°♑	
morning set	-4218 Feb 04 j 04:21	4°♑55'07	
max. Earth dist.	-4218 Feb 08 j 21:03	14°♑15'59	1.34140 AU
superior conj	-4218 Feb 12 j 09:46	21°♑34'52	-1°-9'-5
minimum elong	-4218 Feb 12 j 12:34	21°♑49'35	1°08'49
	-4218 Feb 16 j 09:18	0°♒	
evening rise	-4218 Feb 19 j 19:31	7°♒12'53	
asc. node	-4218 Feb 19 j 15:45	6°♒53'19	
	-4218 Mar 04 j 04:27	0°♓	
evening max el	-4218 Mar 12 j 09:13	10°♓08'51	21°47'18
retrograde	-4218 Mar 24 j 17:10	16°♓05'54	
evening set	-4218 Mar 27 j 10:03	15°♓49'34	
desc. node	-4218 Apr 03 j 07:31	13°♓06'51	
inferior conj	-4218 Apr 05 j 17:39	11°♓46'26	0°-40'-8
minimum elong	-4218 Apr 05 j 15:47	11°♓49'03	0°39'35
min. Earth dist.	-4218 Apr 05 j 14:06	11°♓51'25	0.55200 AU
morning rise	-4218 Apr 14 j 22:14	7°♓46'02	
direct	-4218 Apr 17 j 17:25	7°♓28'38	
morning max el	-4218 Apr 29 j 22:22	13°♓15'58	21°42'02
	-4218 May 12 j 06:45	0°♈	
asc. node	-4218 May 18 j 15:26	12°♈03'05	
morning set	-4218 May 20 j 11:57	15°♈50'43	
	-4218 May 27 j 05:55	0°♉	
superior conj	-4218 May 27 j 21:50	1°♉23'09	1°22'53
minimum elong	-4218 May 27 j 19:08	1°♉09'04	1°22'37
max. Earth dist.	-4218 May 31 j 11:31	8°♉43'53	1.34913 AU
evening rise	-4218 Jun 05 j 03:31	17°♉56'43	
	-4218 Jun 11 j 16:47	0°♊	
desc. node	-4218 Jun 30 j 06:09	28°♊32'58	
	-4218 Jul 01 j 09:02	0°♋	
evening max el	-4218 Jul 10 j 05:59	10°♋04'52	26°53'57
retrograde	-4218 Jul 23 j 08:53	17°♋24'51	
evening set	-4218 Jul 30 j 03:45	14°♋37'58	
min. Earth dist.	-4218 Aug 03 j 01:42	10°♋39'59	0.65478 AU
inferior conj	-4218 Aug 04 j 22:00	8°♋30'11	-2°-56'-10
minimum elong	-4218 Aug 05 j 01:37	8°♋19'36	2°54'54
morning rise	-4218 Aug 11 j 00:37	2°♋48'31	
direct	-4218 Aug 13 j 21:36	2°♋02'48	
asc. node	-4218 Aug 14 j 14:50	2°♋05'39	
morning max el	-4218 Aug 20 j 12:21	5°♋40'48	18°25'59
	-4218 Sep 06 j 01:16	0°♌	
morning set	-4218 Sep 08 j 23:20	4°♌46'24	
superior conj	-4218 Sep 24 j 00:50	28°♌59'09	0°13'55
minimum elong	-4218 Sep 24 j 02:37	29°♌06'16	0°13'48
behind sun begin	-4218 Sep 23 j 20:34	28°♌42'20	
behind sun end	-4218 Sep 24 j 08:40	29°♌30'12	
	-4218 Sep 24 j 16:13	0°♍	
max. Earth dist.	-4218 Sep 26 j 01:00	2°♍09'26	1.44781 AU
desc. node	-4218 Sep 26 j 05:38	2°♍27'44	
evening rise	-4218 Oct 10 j 13:37	24°♍59'15	
	-4218 Oct 13 j 18:12	0°♎	
greatest brilliancy	-4218 Oct 23 j 22:34	15°♎47'20	-0.7m
evening max el	-4218 Nov 02 j 19:38	28°♎56'26	19°20'45
	-4218 Nov 03 j 21:34	0°♏	
retrograde	-4218 Nov 09 j 22:48	3°♏03'11	
asc. node	-4218 Nov 10 j 13:42	3°♏00'58	
evening set	-4218 Nov 13 j 05:11	2°♏01'02	
	-4218 Nov 15 j 14:50	30℞♎	
inferior conj	-4218 Nov 18 j 21:49	26°♎05'27	2°35'31
minimum elong	-4218 Nov 18 j 18:49	26°♎15'05	2°34'30
min. Earth dist.	-4218 Nov 20 j 04:19	24°♎27'55	0.65939 AU
morning rise	-4218 Nov 24 j 07:39	19°♎52'37	
direct	-4218 Nov 30 j 13:26	17°♎10'16	
morning max el	-4218 Dec 13 j 02:29	24°♎32'08	26°08'14
	-4218 Dec 18 j 01:53	0°♏	
desc. node	-4218 Dec 23 j 05:35	6°♏29'26	
	-4217 Jan 07 j 23:49	0°♐	
morning set	-4217 Jan 18 j 05:48	17°♐56'42	
max. Earth dist.	-4217 Jan 22 j 07:23	25°♐40'33	1.35508 AU
	-4217 Jan 24 j 12:11	0°♑	
superior conj	-4217 Jan 27 j 07:11	5°♑36'52	-1°-29'-33
minimum elong	-4217 Jan 27 j 10:17	5°♑52'42	1°29'23
evening rise	-4217 Feb 04 j 02:52	21°♑43'36	
asc. node	-4217 Feb 06 j 12:47	26°♑36'35	
	-4217 Feb 08 j 06:11	0°♒	
evening max el	-4217 Feb 22 j 14:09	21°♒26'16	20°25'56
retrograde	-4217 Mar 05 j 07:37	26°♒32'04	
evening set	-4217 Mar 07 j 15:41	26°♒18'35	
inferior conj	-4217 Mar 16 j 14:12	22°♒20'12	1°15'09
minimum elong	-4217 Mar 16 j 17:25	22°♒15'28	1°13'58
min. Earth dist.	-4217 Mar 18 j 04:06	21°♒24'30	0.55459 AU
desc. node	-4217 Mar 21 j 04:40	19°♒45'00	
morning rise	-4217 Mar 25 j 17:03	17°♒59'52	
direct	-4217 Mar 29 j 06:41	17°♒32'08	
morning max el	-4217 Apr 11 j 18:16	24°♒08'53	23°18'34
	-4217 Apr 17 j 01:13	0°♓	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4217 May 04 j 23:23	0°♈49'42	
	-4217 May 04 j 13:51	0°♈	
asc. node	-4217 May 05 j 12:25	1°♈58'01	
superior conj	-4217 May 12 j 03:30	16°♈07'36	1°03'51
minimum elong	-4217 May 12 j 01:04	15°♈54'35	1°03'29
max. Earth dist.	-4217 May 14 j 11:25	21°♈04'18	1.33802 AU
	-4217 May 18 j 19:20	0°♉	
evening rise	-4217 May 19 j 19:22	2°♉00'08	
	-4217 Jun 04 j 14:20	0°♊	
desc. node	-4217 Jun 17 j 03:16	17°♊17'19	
evening max el	-4217 Jun 22 j 16:48	23°♊17'06	27°22'13
	-4217 Jul 02 j 11:03	0°♋	
retrograde	-4217 Jul 06 j 06:26	0°♋41'41	
	-4217 Jul 09 j 21:11	30°℞♊	
evening set	-4217 Jul 13 j 08:55	27°♊58'07	
min. Earth dist.	-4217 Jul 17 j 00:48	24°♊36'06	0.64103 AU
inferior conj	-4217 Jul 19 j 11:12	22°♊00'28	-3°-36'-14
minimum elong	-4217 Jul 19 j 14:51	21°♊50'41	3°35'15
morning rise	-4217 Jul 25 j 22:32	16°♊35'46	
direct	-4217 Jul 28 j 14:31	15°♊59'33	
asc. node	-4217 Aug 01 j 11:55	17°♊16'06	
morning max el	-4217 Aug 04 j 02:49	19°♊26'11	18°02'22
	-4217 Aug 11 j 22:32	0°♋	
morning set	-4217 Aug 21 j 12:55	16°♋08'24	
	-4217 Aug 29 j 17:38	0°♌	
superior conj	-4217 Sep 03 j 14:10	7°♌59'24	0°58'05
minimum elong	-4217 Sep 03 j 19:49	8°♌22'23	0°57'34
max. Earth dist.	-4217 Sep 08 j 17:51	16°♌17'27	1.44162 AU
desc. node	-4217 Sep 13 j 02:36	23°♌11'55	
	-4217 Sep 17 j 11:03	0°♍	
evening rise	-4217 Sep 19 j 23:24	3°♍53'48	
	-4217 Oct 07 j 07:31	0°♎	
greatest brilliancy	-4217 Oct 10 j 08:02	4°♎13'32	-0.6m
evening max el	-4217 Oct 16 j 23:52	12°♎22'31	20°17'38
retrograde	-4217 Oct 24 j 20:04	16°♎59'11	
evening set	-4217 Oct 28 j 11:30	15°♎42'12	
asc. node	-4217 Oct 28 j 10:50	15°♎43'24	
inferior conj	-4217 Nov 02 j 23:46	9°♎35'08	1°48'59
minimum elong	-4217 Nov 02 j 21:27	9°♎42'56	1°48'06
min. Earth dist.	-4217 Nov 03 j 18:03	8°♎33'44	0.66748 AU
morning rise	-4217 Nov 08 j 06:50	3°♎18'23	
direct	-4217 Nov 13 j 21:51	0°♎52'03	
morning max el	-4217 Nov 25 j 11:20	7°♎44'55	24°50'59
desc. node	-4217 Dec 10 j 02:33	25°♎56'26	
	-4217 Dec 12 j 22:21	0°♏	
morning set	-4217 Dec 31 j 12:34	29°♏57'56	
	-4217 Dec 31 j 13:02	0°♐	
max. Earth dist.	-4216 Jan 04 j 07:08	6°♐46'25	1.37283 AU
superior conj	-4216 Jan 10 j 18:40	19°♐04'14	-1°-45'-18
minimum elong	-4216 Jan 10 j 21:15	19°♐16'50	1°45'19
	-4216 Jan 16 j 06:44	0°♑	
evening rise	-4216 Jan 19 j 05:02	5°♑52'28	
asc. node	-4216 Jan 24 j 09:50	15°♑59'12	
	-4216 Feb 02 j 05:08	0°♒	
evening max el	-4216 Feb 05 j 05:42	3°♒19'49	19°21'55
retrograde	-4216 Feb 14 j 08:07	7°♒39'34	
evening set	-4216 Feb 16 j 16:20	7°♒23'38	
inferior conj	-4216 Feb 24 j 23:03	3°♒15'16	2°47'28
minimum elong	-4216 Feb 25 j 04:06	3°♒06'53	2°46'03
min. Earth dist.	-4216 Feb 27 j 19:03	1°♒23'09	0.56579 AU
	-4216 Mar 01 j 02:14	30°℞♑	
morning rise	-4216 Mar 04 j 12:08	28°♑25'07	
desc. node	-4216 Mar 07 j 01:46	27°♑44'15	
direct	-4216 Mar 09 j 06:28	27°♑33'01	
	-4216 Mar 17 j 07:42	0°♒	
morning max el	-4216 Mar 23 j 09:26	4°♒44'43	24°56'40
	-4216 Apr 10 j 09:49	0°♓	
morning set	-4216 Apr 18 j 11:40	15°♓52'52	
asc. node	-4216 Apr 21 j 09:24	22°♓04'17	
	-4216 Apr 25 j 01:07	0°♈	
superior conj	-4216 Apr 25 j 13:00	1°♈04'36	0°41'58
minimum elong	-4216 Apr 25 j 11:15	0°♈55'06	0°41'37
max. Earth dist.	-4216 Apr 26 j 19:12	3°♈48'06	1.33053 AU
evening rise	-4216 May 02 j 19:56	16°♈31'06	
	-4216 May 09 j 18:42	0°♉	
	-4216 May 29 j 10:48	0°♊	
desc. node	-4216 Jun 03 j 00:22	5°♊02'10	
evening max el	-4216 Jun 04 j 01:11	6°♊03'04	27°20'15
retrograde	-4216 Jun 17 j 21:56	13°♊27'08	
evening set	-4216 Jun 25 j 00:06	11°♊00'58	
min. Earth dist.	-4216 Jun 28 j 14:17	8°♊06'13	0.62372 AU
inferior conj	-4216 Jul 01 j 13:49	5°♊16'13	-4°-5'-26
minimum elong	-4216 Jul 01 j 16:28	5°♊09'52	4°04'57
morning rise	-4216 Jul 08 j 11:19	0°♊11'04	
	-4216 Jul 09 j 00:27	30°℞♉	
direct	-4216 Jul 11 j 00:20	29°♉41'55	
	-4216 Jul 12 j 23:41	0°♊	
morning max el	-4216 Jul 17 j 17:28	3°♊06'17	17°56'51
asc. node	-4216 Jul 18 j 08:58	3°♊45'46	
morning set	-4216 Aug 03 j 00:27	28°♊33'38	
	-4216 Aug 03 j 19:42	0°♋	
superior conj	-4216 Aug 14 j 06:01	18°♋18'49	1°28'50
minimum elong	-4216 Aug 14 j 11:03	18°♋40'14	1°28'35
	-4216 Aug 21 j 06:13	0°♌	
max. Earth dist.	-4216 Aug 21 j 06:21	0°♌00'34	1.42919 AU
evening rise	-4216 Aug 29 j 03:50	12°♌36'35	
desc. node	-4216 Aug 29 j 23:33	13°♌53'31	
	-4216 Sep 09 j 13:55	0°♍	
greatest brilliancy	-4216 Sep 23 j 19:21	19°♍54'00	-0.4m
evening max el	-4216 Sep 28 j 22:04	25°♍48'08	21°27'08
	-4216 Oct 04 j 03:13	0°♎	
retrograde	-4216 Oct 07 j 16:40	1°♎00'29	
	-4216 Oct 10 j 23:59	30°℞♍	
evening set	-4216 Oct 11 j 19:27	29°♍26'06	
asc. node	-4216 Oct 14 j 07:56	26°♍56'43	
inferior conj	-4216 Oct 17 j 04:58	23°♍11'07	0°58'23
minimum elong	-4216 Oct 17 j 03:38	23°♍15'40	0°57'52
min. Earth dist.	-4216 Oct 17 j 12:20	22°♍45'46	0.67236 AU
morning rise	-4216 Oct 22 j 11:30	16°♍53'28	
direct	-4216 Oct 27 j 11:13	14°♍47'33	
morning max el	-4216 Nov 06 j 20:36	21°♍00'04	23°25'17
greatest brilliancy	-4216 Nov 12 j 16:16	27°♍36'45	-0.2m
	-4216 Nov 14 j 13:41	0°♎	
desc. node	-4216 Nov 25 j 23:29	15°♎51'12	
	-4216 Dec 05 j 05:04	0°♏	
morning set	-4216 Dec 11 j 18:27	10°♏42'53	
max. Earth dist.	-4216 Dec 16 j 02:38	18°♏08'30	1.39322 AU
	-4216 Dec 22 j 17:12	0°♐	
superior conj	-4216 Dec 23 j 16:08	1°♐46'15	-1°-53'-43
minimum elong	-4216 Dec 23 j 16:56	1°♐50'01	1°53'53
evening rise	-4215 Jan 01 j 23:25	19°♐32'56	
	-4215 Jan 07 j 12:00	0°♑	
asc. node	-4215 Jan 10 j 06:53	4°♑53'58	
evening max el	-4215 Jan 18 j 06:39	15°♑46'37	18°37'30
retrograde	-4215 Jan 26 j 02:07	19°♑34'20	
evening set	-4215 Jan 28 j 13:08	19°♑13'09	
inferior conj	-4215 Feb 05 j 03:24	14°♑45'51	3°42'32
minimum elong	-4215 Feb 05 j 06:43	14°♑39'27	3°41'54

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4215 Feb 08 j 12:05	12°♉11'49	0.58315 AU	
morning rise	-4215 Feb 12 j 20:40	9°♉28'56		
direct	-4215 Feb 18 j 19:38	8°♉00'09		
desc. node	-4215 Feb 21 j 22:53	8°♉24'26		
morning max el	-4215 Mar 05 j 01:47	15°♉30'02	26°21'28	
	-4215 Mar 16 j 19:19	0°♒		
morning set	-4215 Apr 02 j 23:03	0°♓52'52		
	-4215 Apr 02 j 12:55	0°♓		
asc. node	-4215 Apr 08 j 06:23	12°♓16'19		
superior conj	-4215 Apr 10 j 00:24	16°♓06'07	0°18'11	
minimum elong	-4215 Apr 09 j 23:37	16°♓01'46	0°17'58	
max. Earth dist.	-4215 Apr 10 j 07:36	16°♓45'29	1.32653 AU	
	-4215 Apr 16 j 11:14	0°♈		
evening rise	-4215 Apr 17 j 02:19	1°♈18'42		
	-4215 May 02 j 20:25	0°♉		
evening max el	-4215 May 17 j 04:47	18°♉11'02	26°45'30	
desc. node	-4215 May 20 j 21:30	21°♉21'21		
retrograde	-4215 May 31 j 05:47	25°♉31'23		
evening set	-4215 Jun 06 j 21:03	23°♉36'13		
min. Earth dist.	-4215 Jun 10 j 18:17	20°♉54'22	0.60389 AU	
inferior conj	-4215 Jun 14 j 02:20	18°♉07'58	-4°-17'-36	
minimum elong	-4215 Jun 14 j 02:36	18°♉07'23	4°17'29	
morning rise	-4215 Jun 21 j 11:26	13°♉24'18		
direct	-4215 Jun 23 j 23:08	13°♉00'29		
morning max el	-4215 Jul 01 j 05:23	16°♉32'44	18°10'28	
asc. node	-4215 Jul 05 j 06:00	21°♉18'05		
	-4215 Jul 10 j 17:42	0°♊		
morning set	-4215 Jul 17 j 04:30	11°♊47'38		
superior conj	-4215 Jul 27 j 00:24	29°♊57'20	1°45'06	
minimum elong	-4215 Jul 27 j 02:47	0°♋08'01	1°45'11	
	-4215 Jul 27 j 01:00	0°♋		
max. Earth dist.	-4215 Aug 03 j 13:30	13°♋06'30	1.41216 AU	
evening rise	-4215 Aug 08 j 22:49	22°♋01'39		
	-4215 Aug 13 j 23:02	0°♌		
desc. node	-4215 Aug 16 j 20:31	4°♌28'51		
	-4215 Sep 03 j 17:17	0°♍		
greatest brilliancy	-4215 Sep 06 j 17:44	3°♍47'14	-0.3m	
evening max el	-4215 Sep 11 j 14:25	9°♍13'53	22°45'11	
retrograde	-4215 Sep 21 j 11:01	15°♍04'37		
evening set	-4215 Sep 26 j 03:12	13°♍10'49		
inferior conj	-4215 Oct 01 j 11:31	6°♍51'25	0°05'32	
minimum elong	-4215 Oct 01 j 11:23	6°♍51'52	0°05'33	
transit middle	-4215 Oct 01 j 11:23	6°♍51'52	0°05'33	
transit begin	-4215 Oct 01 j 08:51	7°♍00'38		
transit end	-4215 Oct 01 j 13:55	6°♍43'07		
asc. node	-4215 Oct 01 j 05:03	7°♍13'43		
min. Earth dist.	-4215 Oct 01 j 08:35	7°♍01'30	0.67420 AU	
morning rise	-4215 Oct 06 j 19:29	0°♍36'01		
	-4215 Oct 07 j 15:16	30°℞♌		
direct	-4215 Oct 11 j 04:39	28°♌51'41		
	-4215 Oct 15 j 01:27	0°♍		
morning max el	-4215 Oct 20 j 09:28	4°♍19'38	22°00'15	
greatest brilliancy	-4215 Oct 25 j 05:25	9°♍49'28	-0.4m	
	-4215 Nov 08 j 18:57	0°♎		
desc. node	-4215 Nov 12 j 20:25	6°♎05'34		
morning set	-4215 Nov 21 j 19:40	20°♎04'28		
	-4215 Nov 27 j 21:30	0°♏		
max. Earth dist.	-4215 Nov 28 j 02:01	0°♏18'48	1.41355 AU	
superior conj	-4215 Dec 05 j 18:19	13°♏29'23	-1°-51'-26	
minimum elong	-4215 Dec 05 j 15:58	13°♏19'00	1°51'29	
	-4215 Dec 14 j 20:47	0°♐		
evening rise	-4215 Dec 16 j 06:52	2°♐37'54		
asc. node	-4215 Dec 28 j 03:57	23°♐12'03		
evening max el	-4214 Jan 01 j 14:24	28°♐39'04	18°13'09	
	-4214 Jan 03 j 02:58	0°♑		
retrograde	-4214 Jan 08 j 14:15	2°♑10'27		
evening set	-4214 Jan 11 j 03:53	1°♑42'46		
	-4214 Jan 14 j 08:32	30°℞♐		
inferior conj	-4214 Jan 18 j 03:51	26°♐53'12	4°03'03	
minimum elong	-4214 Jan 18 j 04:19	26°♐52'09	4°02'50	
min. Earth dist.	-4214 Jan 21 j 10:05	23°♐59'52	0.60312 AU	
morning rise	-4214 Jan 25 j 01:56	21°♐16'30		
direct	-4214 Jan 31 j 20:02	19°♐09'51		
desc. node	-4214 Feb 08 j 19:58	21°♐48'58		
morning max el	-4214 Feb 14 j 23:45	26°♐48'15	27°19'16	
	-4214 Feb 18 j 01:02	0°♑		
	-4214 Mar 10 j 06:15	0°♒		
morning set	-4214 Mar 18 j 07:45	15°♒43'21		
	-4214 Mar 24 j 23:55	0°♓		
max. Earth dist.	-4214 Mar 24 j 20:59	29°♒43'58	1.32594 AU	
superior conj	-4214 Mar 25 j 12:03	1°♓06'18	0°-6'-39	
minimum elong	-4214 Mar 25 j 12:21	1°♓07'57	0°06'42	
behind sun begin	-4214 Mar 25 j 07:47	0°♓42'55		
behind sun end	-4214 Mar 25 j 16:56	1°♓32'58		
asc. node	-4214 Mar 26 j 03:22	2°♓30'03		
evening rise	-4214 Apr 01 j 12:15	16°♓14'53		
	-4214 Apr 08 j 10:06	0°♈		
evening max el	-4214 Apr 29 j 02:05	29°♈36'30	25°40'20	
	-4214 Apr 29 j 12:01	0°♉		
desc. node	-4214 May 07 j 18:38	5°♉41'22		
retrograde	-4214 May 13 j 04:04	6°♉49'51		
evening set	-4214 May 18 j 20:35	5°♉32'46		
min. Earth dist.	-4214 May 23 j 14:31	2°♉47'08	0.58365 AU	
inferior conj	-4214 May 26 j 21:05	0°♉25'56	-4°-3'-52	
minimum elong	-4214 May 26 j 17:56	0°♉31'40	4°03'27	
	-4214 May 27 j 11:29	30°℞♈		
morning rise	-4214 Jun 03 j 19:15	26°♈04'06		
direct	-4214 Jun 06 j 06:33	25°♈44'30		
morning max el	-4214 Jun 14 j 11:44	29°♈37'05	18°44'06	
	-4214 Jun 14 j 21:16	0°♉		
asc. node	-4214 Jun 22 j 03:02	9°♉39'01		
morning set	-4214 Jun 30 j 20:35	25°♉38'51		
	-4214 Jul 03 j 02:10	0°♊		
superior conj	-4214 Jul 09 j 16:11	12°♊41'06	1°49'13	
minimum elong	-4214 Jul 09 j 16:01	12°♊40'22	1°49'24	
max. Earth dist.	-4214 Jul 16 j 16:16	25°♊30'24	1.39281 AU	
	-4214 Jul 19 j 05:54	0°♋		
evening rise	-4214 Jul 20 j 19:09	2°♋39'43		
desc. node	-4214 Aug 03 j 17:32	24°♋53'32		
	-4214 Aug 07 j 04:56	0°♌		
evening max el	-4214 Aug 25 j 02:38	22°♌41'09	24°05'58	
retrograde	-4214 Sep 05 j 01:57	29°♌08'25		
evening set	-4214 Sep 10 j 09:00	26°♌54'43		
min. Earth dist.	-4214 Sep 15 j 04:24	21°♌19'18	0.67304 AU	
inferior conj	-4214 Sep 15 j 17:42	20°♌34'13	0°-47'-55	
minimum elong	-4214 Sep 15 j 18:49	20°♌30'26	0°47'21	
asc. node	-4214 Sep 18 j 02:11	17°♌29'56		
morning rise	-4214 Sep 21 j 04:51	14°♌24'12		
direct	-4214 Sep 25 j 01:00	13°♌00'13		
morning max el	-4214 Oct 03 j 04:48	17°♌47'06	20°42'48	
greatest brilliancy	-4214 Oct 09 j 06:45	25°♌01'26	-0.5m	
	-4214 Oct 12 j 22:16	0°♍		
desc. node	-4214 Oct 30 j 17:19	26°♍33'12		
morning set	-4214 Oct 31 j 22:18	28°♍25'38		
	-4214 Nov 01 j 22:32	0°♎		
max. Earth dist.	-4214 Nov 10 j 08:53	13°♎23'13	1.43088 AU	
superior conj	-4214 Nov 16 j 19:27	23°♎58'47	-1°-34'-40	
minimum elong	-4214 Nov 16 j 13:34	23°♎34'09	1°34'17	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4214 Nov 20 j 08:58	0°♏	
evening rise	-4214 Nov 28 j 23:21	14°♏58'15	
	-4214 Dec 07 j 14:50	0°♐	
asc. node	-4214 Dec 15 j 01:02	10°♐41'35	
evening max el	-4214 Dec 16 j 01:59	11°♐48'06	18°08'30
retrograde	-4214 Dec 22 j 16:33	15°♐16'36	
evening set	-4214 Dec 25 j 08:59	14°♐41'33	
inferior conj	-4214 Dec 31 j 21:18	9°♐30'19	3°57'45
minimum elong	-4214 Dec 31 j 19:32	9°♐34'50	3°57'24
min. Earth dist.	-4213 Jan 03 j 16:24	6°♐40'27	0.62256 AU
morning rise	-4213 Jan 07 j 04:04	3°♐39'09	
direct	-4213 Jan 14 j 05:24	1°♐04'07	
desc. node	-4213 Jan 26 j 17:01	7°♐24'32	
morning max el	-4213 Jan 28 j 04:00	8°♐47'19	27°42'11
	-4213 Feb 13 j 14:27	0°♑	
morning set	-4213 Mar 02 j 11:43	0°♒16'46	
	-4213 Mar 02 j 08:24	0°♒	
max. Earth dist.	-4213 Mar 08 j 07:27	12°♒29'18	1.32881 AU
superior conj	-4213 Mar 09 j 22:17	15°♒58'58	0°-31'-41
minimum elong	-4213 Mar 09 j 23:41	16°♒06'38	0°31'32
asc. node	-4213 Mar 13 j 00:23	22°♒41'14	
	-4213 Mar 16 j 10:04	0°♓	
evening rise	-4213 Mar 16 j 23:46	1°♓12'22	
	-4213 Apr 02 j 00:30	0°♈	
evening max el	-4213 Apr 10 j 18:31	10°♈28'44	24°13'51
retrograde	-4213 Apr 24 j 14:57	17°♈26'23	
desc. node	-4213 Apr 24 j 15:47	17°♈26'23	
evening set	-4213 Apr 29 j 00:13	16°♈43'23	
min. Earth dist.	-4213 May 05 j 06:15	13°♈39'26	0.56606 AU
inferior conj	-4213 May 07 j 19:48	12°♈02'50	-3°-14'-13
minimum elong	-4213 May 07 j 14:04	12°♈11'54	3°12'53
morning rise	-4213 May 16 j 07:56	7°♈59'03	
direct	-4213 May 18 j 19:07	7°♈42'46	
morning max el	-4213 May 28 j 09:51	12°♈10'35	19°38'13
asc. node	-4213 Jun 09 j 00:03	28°♈37'17	
	-4213 Jun 09 j 18:03	0°♉	
morning set	-4213 Jun 14 j 21:16	9°♉58'31	
superior conj	-4213 Jun 22 j 23:47	26°♉14'40	1°44'04
minimum elong	-4213 Jun 22 j 21:57	26°♉05'40	1°44'07
	-4213 Jun 24 j 21:48	0°♊	
max. Earth dist.	-4213 Jun 28 j 18:44	7°♊22'54	1.37371 AU
evening rise	-4213 Jul 02 j 16:48	14°♊33'08	
	-4213 Jul 11 j 18:35	0°♋	
desc. node	-4213 Jul 21 j 14:35	15°♋02'17	
	-4213 Aug 01 j 21:31	0°♌	
evening max el	-4213 Aug 07 j 13:14	6°♌11'27	25°22'16
retrograde	-4213 Aug 19 j 12:53	13°♌08'05	
evening set	-4213 Aug 25 j 11:01	10°♌36'39	
min. Earth dist.	-4213 Aug 29 j 21:24	5°♌37'50	0.66870 AU
inferior conj	-4213 Aug 30 j 21:49	4°♌18'21	-1°-40'-18
minimum elong	-4213 Aug 31 j 00:07	4°♌10'52	1°39'15
	-4213 Sep 03 j 12:21	30°℞♋	
asc. node	-4213 Sep 04 j 23:17	28°♋42'28	
morning rise	-4213 Sep 05 j 13:45	28°♋16'48	
direct	-4213 Sep 08 j 23:01	27°♋10'22	
	-4213 Sep 14 j 20:14	0°♌	
morning max el	-4213 Sep 16 j 07:30	1°♌24'00	19°37'37
greatest brilliancy	-4213 Sep 24 j 22:04	12°♌23'57	-0.7m
	-4213 Oct 06 j 13:32	0°♍	
morning set	-4213 Oct 10 j 22:43	6°♍47'46	
desc. node	-4213 Oct 17 j 14:16	17°♍10'13	
max. Earth dist.	-4213 Oct 23 j 22:11	27°♍08'50	1.44288 AU
	-4213 Oct 25 j 17:13	0°♎	
superior conj	-4213 Oct 27 j 17:08	3°♎11'36	-1°-1'-16
minimum elong	-4213 Oct 27 j 10:32	2°♎45'11	1°00'32
evening rise	-4213 Nov 10 j 20:20	26°♎25'15	
	-4213 Nov 12 j 23:25	0°♏	
evening max el	-4213 Nov 29 j 14:41	25°♏07'39	18°22'44
asc. node	-4213 Dec 01 j 22:09	27°♏09'00	
retrograde	-4213 Dec 06 j 04:32	28°♏43'57	
evening set	-4213 Dec 09 j 00:52	28°♏00'11	
inferior conj	-4213 Dec 15 j 03:59	22°♏29'35	3°34'39
minimum elong	-4213 Dec 15 j 01:03	22°♏37'54	3°33'57
min. Earth dist.	-4213 Dec 17 j 08:44	20°♏00'26	0.63957 AU
morning rise	-4213 Dec 20 j 23:45	16°♏27'44	
direct	-4213 Dec 27 j 22:34	13°♏38'46	
morning max el	-4212 Jan 10 j 12:25	21°♏21'51	27°29'10
desc. node	-4212 Jan 13 j 14:04	24°♏35'52	
	-4212 Jan 18 j 02:33	0°♐	
	-4212 Feb 06 j 16:15	0°♑	
morning set	-4212 Feb 14 j 08:18	14°♑24'06	
max. Earth dist.	-4212 Feb 19 j 10:52	24°♑47'29	1.33555 AU
	-4212 Feb 21 j 22:09	0°♒	
superior conj	-4212 Feb 22 j 05:18	0°♒38'01	0°-55'-56
minimum elong	-4212 Feb 22 j 07:41	0°♒50'42	0°55'41
asc. node	-4212 Feb 27 j 21:24	12°♒45'31	
evening rise	-4212 Feb 29 j 11:06	16°♒04'33	
	-4212 Mar 07 j 11:43	0°♓	
evening max el	-4212 Mar 22 j 11:23	21°♓11'49	22°39'40
retrograde	-4212 Apr 04 j 13:34	27°♓36'17	
evening set	-4212 Apr 07 j 17:23	27°♓14'23	
desc. node	-4212 Apr 10 j 12:57	26°♓21'01	
min. Earth dist.	-4212 Apr 15 j 20:40	23°♓39'59	0.55461 AU
inferior conj	-4212 Apr 17 j 00:24	23°♓00'13	-1°-44'-50
minimum elong	-4212 Apr 16 j 19:53	23°♓06'41	1°43'27
morning rise	-4212 Apr 26 j 00:46	19°♓03'10	
direct	-4212 Apr 28 j 14:28	18°♓47'46	
morning max el	-4212 May 09 j 21:35	24°♓04'48	20°51'59
	-4212 May 15 j 02:51	0°♈	
asc. node	-4212 May 25 j 21:04	18°♈03'11	
morning set	-4212 May 29 j 03:45	24°♈38'23	
	-4212 May 31 j 18:02	0°♉	
superior conj	-4212 Jun 05 j 18:32	10°♉23'43	1°32'07
minimum elong	-4212 Jun 05 j 15:56	10°♉10'24	1°31'57
max. Earth dist.	-4212 Jun 10 j 03:01	19°♉09'20	1.35705 AU
evening rise	-4212 Jun 14 j 10:52	27°♉28'46	
	-4212 Jun 15 j 19:24	0°♊	
	-4212 Jul 04 j 02:00	0°♋	
desc. node	-4212 Jul 07 j 11:40	4°♋46'59	
evening max el	-4212 Jul 20 j 00:08	19°♋41'38	26°26'08
retrograde	-4212 Aug 01 j 19:03	26°♋56'48	
evening set	-4212 Aug 08 j 07:05	24°♋13'09	
min. Earth dist.	-4212 Aug 12 j 09:16	19°♋52'48	0.66087 AU
inferior conj	-4212 Aug 13 j 21:56	18°♋00'24	-2°-29'-50
minimum elong	-4212 Aug 14 j 01:11	17°♋50'25	2°28'34
morning rise	-4212 Aug 19 j 20:12	12°♋10'25	
asc. node	-4212 Aug 21 j 20:24	11°♋24'06	
direct	-4212 Aug 22 j 20:54	11°♋18'11	
morning max el	-4212 Aug 29 j 16:23	15°♋07'03	18°47'23
	-4212 Sep 09 j 14:02	0°♌	
morning set	-4212 Sep 19 j 18:06	16°♌08'24	
	-4212 Sep 28 j 11:27	0°♍	
desc. node	-4212 Oct 03 j 11:13	7°♍52'32	
superior conj	-4212 Oct 05 j 19:09	11°♍32'57	0°-14'-43
minimum elong	-4212 Oct 05 j 17:13	11°♍25'20	0°14'24
behind sun begin	-4212 Oct 05 j 11:46	11°♍03'51	
behind sun end	-4212 Oct 05 j 22:40	11°♍46'49	
max. Earth dist.	-4212 Oct 05 j 15:04	11°♍16'50	1.44809 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4212 Oct 17 j 10:56	0°♎	
evening rise	-4212 Oct 21 j 17:23	6°♎49'39	
	-4212 Nov 05 j 10:19	0°♏	
evening max el	-4212 Nov 12 j 01:53	8°♏32'57	18°54'52
asc. node	-4212 Nov 17 j 19:14	12°♏19'01	
retrograde	-4212 Nov 18 j 22:19	12°♏26'09	
evening set	-4212 Nov 22 j 00:23	11°♏31'31	
inferior conj	-4212 Nov 27 j 20:21	5°♏44'24	2°59'35
minimum elong	-4212 Nov 27 j 17:10	5°♏54'12	2°58'36
min. Earth dist.	-4212 Nov 29 j 10:43	3°♏46'21	0.65320 AU
	-4212 Dec 02 j 21:40	30°℞♎	
morning rise	-4212 Dec 03 j 08:55	29°♎34'52	
direct	-4212 Dec 09 j 22:17	26°♎46'27	
	-4212 Dec 17 j 22:53	0°♏	
morning max el	-4212 Dec 22 j 22:05	4°♏19'46	26°44'51
desc. node	-4212 Dec 30 j 11:05	12°♏55'10	
	-4211 Jan 11 j 13:32	0°♐	
morning set	-4211 Jan 27 j 18:04	27°♐54'23	
	-4211 Jan 28 j 20:16	0°♑	
max. Earth dist.	-4211 Feb 01 j 03:44	6°♑30'31	1.34662 AU
superior conj	-4211 Feb 05 j 07:01	14°♑56'44	-1°-18'-13
minimum elong	-4211 Feb 05 j 10:02	15°♑12'22	1°17'59
	-4211 Feb 12 j 11:42	0°♒	
evening rise	-4211 Feb 12 j 20:29	0°♒45'33	
asc. node	-4211 Feb 13 j 18:25	2°♒38'28	
	-4211 Mar 02 j 07:26	0°♓	
evening max el	-4211 Mar 04 j 10:58	2°♓13'04	21°10'56
retrograde	-4211 Mar 16 j 03:33	7°♓48'16	
evening set	-4211 Mar 18 j 14:53	7°♓34'10	
inferior conj	-4211 Mar 27 j 20:00	3°♓35'36	0°09'44
minimum elong	-4211 Mar 27 j 20:27	3°♓34'58	0°09'29
transit middle	-4211 Mar 27 j 20:27	3°♓34'58	0°09'29
transit begin	-4211 Mar 27 j 17:10	3°♓39'37	
transit end	-4211 Mar 27 j 23:44	3°♓30'19	
desc. node	-4211 Mar 28 j 10:05	3°♓15'39	
min. Earth dist.	-4211 Mar 28 j 10:59	3°♓14'21	0.55191 AU
	-4211 Apr 04 j 04:02	30°℞♒	
morning rise	-4211 Apr 06 j 01:20	29°♒28'16	
direct	-4211 Apr 09 j 02:47	29°♒07'47	
	-4211 Apr 13 j 21:33	0°♓	
morning max el	-4211 Apr 21 j 22:35	5°♓18'07	22°22'02
	-4211 May 08 j 20:00	0°♈	
asc. node	-4211 May 12 j 18:05	7°♈49'42	
morning set	-4211 May 13 j 13:56	9°♈32'27	
superior conj	-4211 May 20 j 21:00	24°♈57'58	1°15'14
minimum elong	-4211 May 20 j 18:21	24°♈43'58	1°14'55
	-4211 May 23 j 06:43	0°♉	
max. Earth dist.	-4211 May 23 j 21:14	1°♉15'01	1.34394 AU
evening rise	-4211 May 28 j 20:06	11°♉11'55	
	-4211 Jun 08 j 04:22	0°♊	
desc. node	-4211 Jun 24 j 08:44	23°♊57'21	
	-4211 Jun 29 j 11:48	0°♋	
evening max el	-4211 Jul 02 j 11:36	3°♋04'35	27°09'28
retrograde	-4211 Jul 15 j 19:55	10°♋27'24	
evening set	-4211 Jul 22 j 18:34	7°♋40'40	
min. Earth dist.	-4211 Jul 26 j 13:42	3°♋58'18	0.64936 AU
inferior conj	-4211 Jul 28 j 15:51	1°♋36'40	-3°-14'-14
minimum elong	-4211 Jul 28 j 19:35	1°♋26'06	3°13'03
	-4211 Jul 30 j 02:41	30°℞♊	
morning rise	-4211 Aug 03 j 21:58	26°♊01'33	
direct	-4211 Aug 06 j 16:31	25°♊20'12	
asc. node	-4211 Aug 08 j 17:29	25°♊42'25	
morning max el	-4211 Aug 13 j 05:27	28°♊52'36	18°13'43
	-4211 Aug 14 j 06:42	0°♋	
morning set	-4211 Aug 31 j 16:46	26°♋48'04	

	-4211 Sep 02 j 14:58	0°♌	
superior conj	-4211 Sep 14 j 22:02	20°♌01'08	0°33'58
minimum elong	-4211 Sep 15 j 02:03	20°♌17'09	0°33'34
max. Earth dist.	-4211 Sep 18 j 08:58	25°♌30'44	1.44603 AU
desc. node	-4211 Sep 20 j 08:08	28°♌36'58	
	-4211 Sep 21 j 05:14	0°♍	
evening rise	-4211 Oct 01 j 13:56	16°♍11'33	
	-4211 Oct 10 j 12:09	0°♎	
greatest brilliancy	-4211 Oct 18 j 07:04	11°♎39'39	-0.7m
evening max el	-4211 Oct 26 j 09:18	22°♎00'02	19°43'17
retrograde	-4211 Nov 02 j 18:54	26°♎18'16	
asc. node	-4211 Nov 04 j 16:21	25°♎57'28	
evening set	-4211 Nov 06 j 04:53	25°♎10'10	
inferior conj	-4211 Nov 11 j 19:29	19°♎09'33	2°16'26
minimum elong	-4211 Nov 11 j 16:43	19°♎18'38	2°15'25
min. Earth dist.	-4211 Nov 12 j 20:39	17°♎47'12	0.66329 AU
morning rise	-4211 Nov 17 j 03:51	12°♎54'54	
direct	-4211 Nov 23 j 03:42	10°♎18'22	
morning max el	-4211 Dec 05 j 07:09	17°♎29'04	25°36'59
	-4211 Dec 15 j 19:58	0°♏	
desc. node	-4211 Dec 17 j 08:03	2°♏01'48	
	-4210 Jan 04 j 12:42	0°♐	
morning set	-4210 Jan 10 j 12:16	10°♐32'30	
max. Earth dist.	-4210 Jan 14 j 08:57	17°♐43'35	1.36221 AU
superior conj	-4210 Jan 20 j 00:39	28°♐45'51	-1°-36'-57
minimum elong	-4210 Jan 20 j 03:40	29°♐00'56	1°36'52
	-4210 Jan 20 j 15:27	0°♑	
evening rise	-4210 Jan 28 j 01:54	15°♑08'06	
asc. node	-4210 Jan 31 j 15:25	22°♑13'58	
	-4210 Feb 04 j 20:02	0°♒	
evening max el	-4210 Feb 14 j 20:31	13°♒46'17	19°56'22
retrograde	-4210 Feb 24 j 20:24	18°♒30'35	
evening set	-4210 Feb 27 j 04:08	18°♒16'23	
inferior conj	-4210 Mar 07 j 20:22	14°♒15'28	1°58'25
minimum elong	-4210 Mar 08 j 00:53	14°♒08'31	1°56'55
min. Earth dist.	-4210 Mar 10 j 01:08	12°♒54'45	0.55849 AU
desc. node	-4210 Mar 15 j 07:12	10°♒13'18	
morning rise	-4210 Mar 16 j 18:39	9°♒43'06	
direct	-4210 Mar 20 j 20:04	9°♒06'42	
morning max el	-4210 Apr 03 j 15:32	16°♒00'01	24°00'50
	-4210 Apr 14 j 18:43	0°♓	
morning set	-4210 Apr 28 j 01:56	24°♓33'51	
asc. node	-4210 Apr 29 j 15:04	27°♓50'00	
	-4210 Apr 30 j 15:24	0°♈	
superior conj	-4210 May 05 j 04:31	9°♈48'18	0°54'51
minimum elong	-4210 May 05 j 02:20	9°♈36'31	0°54'29
max. Earth dist.	-4210 May 07 j 01:01	13°♈46'50	1.33447 AU
evening rise	-4210 May 12 j 16:04	25°♈28'24	
	-4210 May 14 j 22:54	0°♉	
	-4210 Jun 01 j 15:46	0°♊	
desc. node	-4210 Jun 11 j 05:50	12°♊18'50	
evening max el	-4210 Jun 14 j 21:54	16°♊07'48	27°25'24
retrograde	-4210 Jun 28 j 14:42	23°♊31'41	
evening set	-4210 Jul 05 j 18:13	20°♊54'02	
min. Earth dist.	-4210 Jul 09 j 08:49	17°♊44'54	0.63407 AU
inferior conj	-4210 Jul 12 j 00:56	15°♊01'46	-3°-50'-17
minimum elong	-4210 Jul 12 j 04:19	14°♊53'06	3°49'30
morning rise	-4210 Jul 18 j 16:23	9°♊44'48	
direct	-4210 Jul 21 j 06:59	9°♊11'42	
asc. node	-4210 Jul 26 j 14:34	11°♊28'22	
morning max el	-4210 Jul 27 j 20:15	12°♊36'05	17°57'45
	-4210 Aug 08 j 17:01	0°♋	
morning set	-4210 Aug 13 j 16:24	8°♋39'10	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4210 Aug 25 j 21:54	29°♋32'46	1°12'58
minimum elong	-4210 Aug 26 j 03:43	29°♋56'54	1°12'31
	-4210 Aug 26 j 04:28	0°♌	
max. Earth dist.	-4210 Sep 01 j 00:49	9°♌32'21	1.43703 AU
desc. node	-4210 Sep 07 j 05:05	19°♌20'37	
evening rise	-4210 Sep 10 j 19:00	24°♌55'04	
	-4210 Sep 14 j 02:15	0°♍	
greatest brilliancy	-4210 Oct 03 j 14:17	28°♍27'22	-0.5m
	-4210 Oct 04 j 18:55	0°♎	
evening max el	-4210 Oct 09 j 11:07	5°♎26'35	20°45'53
retrograde	-4210 Oct 17 j 16:02	10°♎17'23	
evening set	-4210 Oct 21 j 12:08	8°♎53'06	
asc. node	-4210 Oct 22 j 13:28	8°♎00'20	
inferior conj	-4210 Oct 26 j 23:02	2°♎42'18	1°27'57
minimum elong	-4210 Oct 26 j 21:06	2°♎48'52	1°27'10
min. Earth dist.	-4210 Oct 27 j 12:30	1°♎56'33	0.66995 AU
	-4210 Oct 28 j 23:35	30°℞♍	
morning rise	-4210 Nov 01 j 05:39	26°♍25'06	
direct	-4210 Nov 06 j 14:11	24°♍07'15	
	-4210 Nov 16 j 22:24	0°♎	
morning max el	-4210 Nov 17 j 15:52	0°♎43'15	24°15'06
desc. node	-4210 Dec 04 j 05:01	21°♎42'06	
	-4210 Dec 09 j 19:18	0°♏	
morning set	-4210 Dec 23 j 09:10	22°♏03'09	
max. Earth dist.	-4210 Dec 27 j 06:21	28°♏53'59	1.38141 AU
	-4210 Dec 27 j 21:00	0°♐	
superior conj	-4209 Jan 03 j 06:46	11°♐55'51	-1°-49'-57
minimum elong	-4209 Jan 03 j 08:46	12°♐05'26	1°50'03
evening rise	-4209 Jan 12 j 01:08	29°♐06'16	
	-4209 Jan 12 j 12:03	0°♑	
asc. node	-4209 Jan 18 j 12:26	11°♑25'52	
evening max el	-4209 Jan 28 j 16:15	25°♑54'31	19°00'26
retrograde	-4209 Feb 06 j 04:07	29°♑58'51	
evening set	-4209 Feb 08 j 13:31	29°♑40'50	
inferior conj	-4209 Feb 16 j 13:02	25°♑24'39	3°15'30
minimum elong	-4209 Feb 16 j 17:40	25°♑16'29	3°14'22
min. Earth dist.	-4209 Feb 19 j 16:22	23°♑12'41	0.57272 AU
morning rise	-4209 Feb 24 j 18:03	20°♑22'30	
direct	-4209 Mar 02 j 01:11	19°♑16'05	
desc. node	-4209 Mar 02 j 04:19	19°♑16'07	
morning max el	-4209 Mar 16 j 06:29	26°♑36'17	25°35'15
	-4209 Mar 19 j 12:19	0°♒	
	-4209 Apr 07 j 20:14	0°♓	
morning set	-4209 Apr 12 j 14:02	9°♓36'28	
asc. node	-4209 Apr 16 j 12:02	17°♓59'07	
superior conj	-4209 Apr 19 j 15:02	24°♓47'42	0°32'02
minimum elong	-4209 Apr 19 j 13:40	24°♓40'14	0°31'44
max. Earth dist.	-4209 Apr 20 j 11:22	26°♓38'26	1.32847 AU
	-4209 Apr 22 j 00:33	0°♈	
evening rise	-4209 Apr 26 j 19:25	10°♈07'14	
	-4209 May 07 j 06:34	0°♉	
evening max el	-4209 May 28 j 04:25	28°♉37'59	27°09'22
desc. node	-4209 May 29 j 02:57	29°♉30'35	
	-4209 May 29 j 16:05	0°♊	
retrograde	-4209 Jun 11 j 02:52	6°♊00'25	
evening set	-4209 Jun 18 j 02:06	3°♊45'49	
min. Earth dist.	-4209 Jun 21 j 17:51	0°♊58'53	0.61551 AU
	-4209 Jun 22 j 20:33	30°℞♉	
inferior conj	-4209 Jun 24 j 21:57	28°♉07'56	-4°-13'-9
minimum elong	-4209 Jun 24 j 23:46	28°♉03'48	4°12'53
morning rise	-4209 Jul 02 j 00:13	23°♉11'58	
direct	-4209 Jul 04 j 12:39	22°♉45'09	
morning max el	-4209 Jul 11 j 10:05	26°♉11'07	18°00'21
asc. node	-4209 Jul 13 j 11:38	28°♉26'21	
	-4209 Jul 14 j 17:08	0°♊	
morning set	-4209 Jul 27 j 11:32	21°♊26'25	
	-4209 Aug 01 j 04:18	0°♋	
superior conj	-4209 Aug 07 j 01:29	10°♋27'00	1°37'25
minimum elong	-4209 Aug 07 j 05:29	10°♋44'22	1°37'20
max. Earth dist.	-4209 Aug 14 j 11:24	23°♋01'59	1.42232 AU
	-4209 Aug 18 j 17:57	0°♌	
evening rise	-4209 Aug 21 j 03:25	3°♌49'18	
desc. node	-4209 Aug 25 j 02:03	9°♌59'52	
	-4209 Sep 07 j 12:16	0°♍	
greatest brilliancy	-4209 Sep 17 j 11:29	13°♍24'43	-0.4m
evening max el	-4209 Sep 22 j 06:35	18°♍51'20	21°59'35
retrograde	-4209 Oct 01 j 11:54	24°♍20'10	
evening set	-4209 Oct 05 j 20:13	22°♍37'28	
asc. node	-4209 Oct 09 j 10:36	18°♍43'45	
inferior conj	-4209 Oct 11 j 05:00	16°♍19'57	0°36'08
minimum elong	-4209 Oct 11 j 04:10	16°♍22'50	0°35'50
min. Earth dist.	-4209 Oct 11 j 07:52	16°♍10'05	0.67346 AU
morning rise	-4209 Oct 16 j 11:56	10°♍02'59	
direct	-4209 Oct 21 j 05:12	8°♍06'33	
morning max el	-4209 Oct 31 j 02:24	14°♍00'15	22°48'40
greatest brilliancy	-4209 Nov 04 j 21:07	19°♍22'43	-0.3m
	-4209 Nov 12 j 22:52	0°♎	
desc. node	-4209 Nov 21 j 01:57	11°♎45'48	
	-4209 Dec 02 j 18:36	0°♏	
morning set	-4209 Dec 04 j 02:58	2°♏12'18	
max. Earth dist.	-4209 Dec 09 j 02:57	10°♏34'51	1.40204 AU
superior conj	-4209 Dec 16 j 20:40	24°♏14'03	-1°-54'-16
minimum elong	-4209 Dec 16 j 20:17	24°♏12'19	1°54'26
	-4209 Dec 19 j 23:51	0°♐	
evening rise	-4209 Dec 26 j 15:18	12°♐32'38	
asc. node	-4208 Jan 05 j 09:29	0°♑06'22	
	-4208 Jan 05 j 07:54	0°♑	
evening max el	-4208 Jan 11 j 20:21	8°♑32'55	18°24'39
retrograde	-4208 Jan 19 j 06:23	12°♑12'20	
evening set	-4208 Jan 21 j 18:21	11°♑48'38	
inferior conj	-4208 Jan 29 j 02:13	7°♑11'53	3°54'59
minimum elong	-4208 Jan 29 j 04:19	7°♑07'33	3°54'36
min. Earth dist.	-4208 Feb 01 j 11:17	4°♑26'35	0.59149 AU
morning rise	-4208 Feb 05 j 10:56	1°♑45'21	
direct	-4208 Feb 11 j 19:11	0°♑00'02	
desc. node	-4208 Feb 17 j 01:24	1°♑08'52	
morning max el	-4208 Feb 26 j 01:12	7°♑34'50	26°50'01
	-4208 Mar 13 j 22:03	0°♒	
morning set	-4208 Mar 27 j 00:34	24°♒34'04	
	-4208 Mar 29 j 14:12	0°♓	
asc. node	-4208 Apr 02 j 09:00	8°♓12'46	
superior conj	-4208 Apr 03 j 02:47	9°♓50'03	0°07'44
minimum elong	-4208 Apr 03 j 02:27	9°♓48'11	0°07'36
behind sun begin	-4208 Apr 02 j 22:02	9°♓24'03	
behind sun end	-4208 Apr 03 j 06:51	10°♓12'19	
max. Earth dist.	-4208 Apr 03 j 00:41	9°♓38'30	1.32584 AU
evening rise	-4208 Apr 10 j 03:35	24°♓59'49	
	-4208 Apr 12 j 14:01	0°♈	
	-4208 Apr 30 j 05:58	0°♉	
evening max el	-4208 May 09 j 05:11	10°♉27'38	26°21'00
desc. node	-4208 May 15 j 00:04	15°♉04'11	
retrograde	-4208 May 23 j 07:16	17°♉46'29	
evening set	-4208 May 29 j 14:16	16°♉06'54	
min. Earth dist.	-4208 Jun 02 j 18:10	13°♉25'37	0.59513 AU
inferior conj	-4208 Jun 06 j 03:21	10°♉46'53	-4°-15'-36
minimum elong	-4208 Jun 06 j 02:14	10°♉49'05	4°15'27
morning rise	-4208 Jun 13 j 17:54	6°♉13'02	
direct	-4208 Jun 16 j 05:16	5°♉51'14	
morning max el	-4208 Jun 23 j 20:08	9°♉30'25	18°22'21

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4208 Jun 29 j 08:41	16°♉21'29		
	-4208 Jul 07 j 06:18	0°♊		
morning set	-4208 Jul 09 j 21:14	4°♊57'45		
superior conj	-4208 Jul 19 j 05:48	22°♊36'04	1°48'09	
minimum elong	-4208 Jul 19 j 07:01	22°♊41'40	1°48'19	
	-4208 Jul 23 j 08:13	0°♋		
max. Earth dist.	-4208 Jul 26 j 15:59	5°♋48'29	1.40400 AU	
evening rise	-4208 Jul 31 j 08:39	13°♋43'47		
desc. node	-4208 Aug 10 j 23:03	0°♌31'18		
	-4208 Aug 10 j 14:49	0°♌		
	-4208 Sep 01 j 16:52	0°♍		
evening max el	-4208 Sep 03 j 20:44	2°♍16'50	23°19'35	
retrograde	-4208 Sep 14 j 05:04	8°♍24'25		
evening set	-4208 Sep 19 j 03:22	6°♍22'06		
inferior conj	-4208 Sep 24 j 11:37	0°♍01'34	0°-17'-11	
minimum elong	-4208 Sep 24 j 12:01	0°♍00'11	0°16'56	
min. Earth dist.	-4208 Sep 24 j 04:19	0°♍26'40	0.67403 AU	
	-4208 Sep 24 j 12:05	30°℞♌		
asc. node	-4208 Sep 25 j 07:45	28°♌52'46		
morning rise	-4208 Sep 29 j 20:44	23°♌47'51		
direct	-4208 Oct 04 j 00:02	22°♌12'33		
morning max el	-4208 Oct 12 j 17:50	27°♌22'52	21°25'59	
	-4208 Oct 15 j 03:30	0°♍		
greatest brilliancy	-4208 Oct 17 j 23:37	3°♍26'32	-0.4m	
	-4208 Nov 05 j 13:51	0°♎		
desc. node	-4208 Nov 06 j 22:53	2°♎06'10		
morning set	-4208 Nov 12 j 16:54	11°♎02'37		
max. Earth dist.	-4208 Nov 20 j 04:46	23°♎06'13	1.42138 AU	
	-4208 Nov 24 j 08:09	0°♏		
superior conj	-4208 Nov 27 j 12:47	5°♏26'45	-1°-46'-17	
minimum elong	-4208 Nov 27 j 08:50	5°♏09'45	1°46'11	
evening rise	-4208 Dec 08 j 16:53	25°♏19'18		
	-4208 Dec 11 j 06:44	0°♐		
asc. node	-4208 Dec 22 j 06:35	18°♐05'25		
evening max el	-4208 Dec 25 j 06:07	21°♐33'23	18°08'53	
retrograde	-4207 Jan 01 j 00:57	25°♐02'04		
evening set	-4207 Jan 03 j 15:38	24°♐31'30		
inferior conj	-4207 Jan 10 j 10:22	19°♐32'54	4°03'25	
minimum elong	-4207 Jan 10 j 09:45	19°♐34'20	4°03'13	
min. Earth dist.	-4207 Jan 13 j 12:43	16°♐38'06	0.61154 AU	
morning rise	-4207 Jan 17 j 01:21	13°♐49'22		
direct	-4207 Jan 23 j 23:59	11°♐28'40		
desc. node	-4207 Feb 02 j 22:29	15°♐33'25		
morning max el	-4207 Feb 07 j 01:57	19°♐10'28	27°33'28	
	-4207 Feb 16 j 07:34	0°♑		
	-4207 Mar 06 j 15:15	0°♒		
morning set	-4207 Mar 11 j 07:32	9°♒18'34		
max. Earth dist.	-4207 Mar 17 j 13:07	22°♒32'33	1.32666 AU	
superior conj	-4207 Mar 18 j 14:03	24°♒48'16	0°-17'-16	
minimum elong	-4207 Mar 18 j 14:50	24°♒52'31	0°17'15	
asc. node	-4207 Mar 20 j 05:59	28°♒26'05		
	-4207 Mar 20 j 23:12	0°♓		
evening rise	-4207 Mar 25 j 14:25	9°♓57'34		
	-4207 Apr 05 j 00:13	0°♈		
evening max el	-4207 Apr 21 j 00:03	21°♈37'27	25°05'28	
desc. node	-4207 May 01 j 21:14	28°♈22'36		
retrograde	-4207 May 05 j 01:17	28°♈46'05		
evening set	-4207 May 10 j 04:47	27°♈44'54		
min. Earth dist.	-4207 May 15 j 12:27	24°♈52'41	0.57562 AU	
inferior conj	-4207 May 18 j 13:46	22°♈48'26	-3°-47'-44	
minimum elong	-4207 May 18 j 09:14	22°♈56'11	3°46'57	
morning rise	-4207 May 26 j 17:50	18°♈34'55		
direct	-4207 May 29 j 04:48	18°♈17'00		
morning max el	-4207 Jun 06 j 23:21	22°♈23'10	19°04'34	
	-4207 Jun 13 j 03:34	0°♉		
asc. node	-4207 Jun 16 j 05:42	4°♉59'41		
morning set	-4207 Jun 23 j 17:22	19°♉02'02		
	-4207 Jun 29 j 06:30	0°♊		
superior conj	-4207 Jul 02 j 04:57	5°♊42'44	1°48'00	
minimum elong	-4207 Jul 02 j 03:58	5°♊38'01	1°48'08	
max. Earth dist.	-4207 Jul 08 j 17:32	17°♊54'58	1.38454 AU	
evening rise	-4207 Jul 12 j 16:15	24°♊55'20		
	-4207 Jul 15 j 15:24	0°♋		
desc. node	-4207 Jul 28 j 20:06	20°♋49'56		
	-4207 Aug 04 j 06:51	0°♌		
evening max el	-4207 Aug 17 j 08:03	15°♌45'44	24°39'30	
retrograde	-4207 Aug 28 j 18:26	22°♌26'46		
evening set	-4207 Sep 03 j 07:48	20°♌05'23		
min. Earth dist.	-4207 Sep 07 j 23:22	14°♌44'56	0.67157 AU	
inferior conj	-4207 Sep 08 j 17:11	13°♌45'24	-1°-10'-23	
minimum elong	-4207 Sep 08 j 18:49	13°♌39'56	1°09'35	
asc. node	-4207 Sep 12 j 04:53	9°♌27'07		
morning rise	-4207 Sep 14 j 06:08	7°♌38'19		
direct	-4207 Sep 17 j 21:25	6°♌22'03		
morning max el	-4207 Sep 25 j 16:12	10°♌53'55	20°13'17	
greatest brilliancy	-4207 Oct 02 j 15:16	19°♌24'54	-0.6m	
	-4207 Oct 10 j 00:02	0°♍		
morning set	-4207 Oct 22 j 15:32	19°♍15'10		
desc. node	-4207 Oct 24 j 19:49	22°♍38'17		
	-4207 Oct 29 j 12:28	0°♎		
max. Earth dist.	-4207 Nov 02 j 14:16	6°♎28'53	1.43672 AU	
superior conj	-4207 Nov 08 j 02:12	15°♎23'21	-1°-22'-31	
minimum elong	-4207 Nov 07 j 19:25	14°♎55'35	1°21'55	
	-4207 Nov 16 j 19:44	0°♏		
evening rise	-4207 Nov 21 j 01:37	7°♏17'54		
	-4207 Dec 04 j 20:06	0°♐		
evening max el	-4207 Dec 08 j 18:36	4°♐48'14	18°12'25	
asc. node	-4207 Dec 09 j 03:42	5°♐10'44		
retrograde	-4207 Dec 15 j 07:46	8°♐18'29		
evening set	-4207 Dec 18 j 01:45	7°♐39'51		
inferior conj	-4207 Dec 24 j 09:54	2°♐20'15	3°49'42	
minimum elong	-4207 Dec 24 j 07:30	2°♐26'38	3°49'13	
	-4207 Dec 26 j 14:28	30°℞♏		
min. Earth dist.	-4207 Dec 26 j 23:07	29°♏37'30	0.63017 AU	
morning rise	-4207 Dec 30 j 11:30	26°♏24'29		
direct	-4206 Jan 06 j 13:01	23°♏41'27		
	-4206 Jan 18 j 20:15	0°♐		
morning max el	-4206 Jan 20 j 08:03	1°♐25'01	27°40'52	
desc. node	-4206 Jan 20 j 19:31	1°♐53'36		
	-4206 Feb 10 j 10:50	0°♑		
morning set	-4206 Feb 23 j 08:43	23°♑42'06		
	-4206 Feb 26 j 10:33	0°♒		
max. Earth dist.	-4206 Feb 28 j 20:59	5°♒07'35	1.33118 AU	
superior conj	-4206 Mar 02 j 23:10	9°♒36'17	0°-42'-6	
minimum elong	-4206 Mar 03 j 01:01	9°♒46'15	0°41'54	
asc. node	-4206 Mar 07 j 02:59	18°♒35'05		
evening rise	-4206 Mar 10 j 02:05	24°♒53'55		
	-4206 Mar 12 j 13:14	0°♓		
	-4206 Mar 31 j 08:18	0°♈		
evening max el	-4206 Apr 02 j 16:07	2°♈23'15	23°33'56	
retrograde	-4206 Apr 16 j 06:30	9°♈08'15		
desc. node	-4206 Apr 18 j 18:22	8°♈54'25		
evening set	-4206 Apr 20 j 02:15	8°♈36'10		
min. Earth dist.	-4206 Apr 27 j 03:24	5°♈20'53	0.56035 AU	
inferior conj	-4206 Apr 29 j 04:12	4°♈07'49	-2°-40'-50	
minimum elong	-4206 Apr 28 j 22:24	4°♈16'33	2°39'17	
morning rise	-4206 May 07 j 21:58	0°♈08'18		
	-4206 May 08 j 17:04	30°℞♓		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4206 May 10 j 09:47	29°♓52'41	
	-4206 May 12 j 01:49	0°♈	
morning max el	-4206 May 20 j 17:07	4°♈40'11	20°07'10
asc. node	-4206 Jun 03 j 02:42	24°♈10'35	
	-4206 Jun 06 j 02:44	0°♉	
morning set	-4206 Jun 07 j 20:48	3°♉31'03	
superior conj	-4206 Jun 15 j 17:44	19°♉32'21	1°39'42
minimum elong	-4206 Jun 15 j 15:29	19°♉21'03	1°39'39
max. Earth dist.	-4206 Jun 20 j 22:04	29°♉42'25	1.36635 AU
	-4206 Jun 21 j 01:45	0°♊	
evening rise	-4206 Jun 24 j 23:16	7°♊16'56	
	-4206 Jul 08 j 10:12	0°♋	
desc. node	-4206 Jul 15 j 17:10	10°♋49'19	
evening max el	-4206 Jul 30 j 18:51	29°♋17'10	25°51'30
	-4206 Jul 31 j 12:40	0°♌	
retrograde	-4206 Aug 12 j 03:12	6°♌22'12	
evening set	-4206 Aug 18 j 07:32	3°♌44'55	
	-4206 Aug 21 j 19:55	30°℞♋	
min. Earth dist.	-4206 Aug 22 j 14:26	29°♋02'18	0.66585 AU
inferior conj	-4206 Aug 23 j 19:50	27°♋28'50	-2°-1'-48
minimum elong	-4206 Aug 23 j 22:34	27°♋20'06	2°00'37
morning rise	-4206 Aug 29 j 14:16	21°♋31'45	
asc. node	-4206 Aug 30 j 02:00	21°♋14'54	
direct	-4206 Sep 01 j 19:42	20°♋31'35	
morning max el	-4206 Sep 08 j 21:39	24°♋33'15	19°14'15
	-4206 Sep 13 j 10:58	0°♌	
morning set	-4206 Oct 01 j 22:03	27°♌57'01	
	-4206 Oct 03 j 05:26	0°♍	
desc. node	-4206 Oct 11 j 16:46	13°♍17'46	
max. Earth dist.	-4206 Oct 16 j 05:59	20°♍28'04	1.44601 AU
superior conj	-4206 Oct 18 j 13:39	24°♍08'29	0°-42'-37
minimum elong	-4206 Oct 18 j 08:27	23°♍47'51	0°41'56
	-4206 Oct 22 j 05:56	0°♎	
evening rise	-4206 Nov 02 j 12:49	18°♎18'50	
	-4206 Nov 09 j 15:20	0°♏	
evening max el	-4206 Nov 22 j 06:58	18°♏10'29	18°34'19
asc. node	-4206 Nov 26 j 00:49	21°♏06'59	
retrograde	-4206 Nov 28 j 22:35	21°♏52'41	
evening set	-4206 Dec 01 j 21:14	21°♏04'23	
inferior conj	-4206 Dec 07 j 21:02	15°♏26'12	3°20'56
minimum elong	-4206 Dec 07 j 17:54	15°♏35'27	3°20'06
min. Earth dist.	-4206 Dec 09 j 19:28	13°♏09'46	0.64582 AU
morning rise	-4206 Dec 13 j 13:21	9°♏20'58	
direct	-4206 Dec 20 j 08:49	6°♏30'56	
morning max el	-4205 Jan 02 j 17:14	14°♏10'21	27°13'49
desc. node	-4205 Jan 07 j 16:32	19°♏36'10	
	-4205 Jan 15 j 15:58	0°♐	
	-4205 Feb 03 j 01:24	0°♑	
morning set	-4205 Feb 07 j 01:07	7°♑34'20	
max. Earth dist.	-4205 Feb 11 j 20:23	17°♑11'27	1.33975 AU
superior conj	-4205 Feb 15 j 04:10	24°♑06'55	-1°-5'-42
minimum elong	-4205 Feb 15 j 06:52	24°♑21'12	1°05'27
	-4205 Feb 17 j 22:47	0°♒	
asc. node	-4205 Feb 22 j 00:00	8°♒34'53	
evening rise	-4205 Feb 22 j 12:47	9°♒41'44	
	-4205 Mar 05 j 06:56	0°♓	
evening max el	-4205 Mar 15 j 11:05	13°♓10'27	22°00'33
retrograde	-4205 Mar 28 j 00:11	19°♓15'10	
evening set	-4205 Mar 30 j 19:28	18°♓57'42	
desc. node	-4205 Apr 05 j 15:28	16°♓46'34	
min. Earth dist.	-4205 Apr 08 j 17:16	15°♓06'18	0.55235 AU
inferior conj	-4205 Apr 09 j 03:20	14°♓52'08	0°-57'-40
minimum elong	-4205 Apr 09 j 00:41	14°♓55'52	0°56'50
morning rise	-4205 Apr 18 j 07:09	10°♓53'22	

direct	-4205 Apr 21 j 00:32	10°♓36'44	
morning max el	-4205 May 03 j 00:03	16°♓16'02	21°28'39
	-4205 May 13 j 12:42	0°♈	
asc. node	-4205 May 20 j 23:41	13°♈46'05	
morning set	-4205 May 23 j 05:07	18°♈18'05	
	-4205 May 28 j 19:23	0°♉	
superior conj	-4205 May 30 j 16:08	3°♉53'24	1°25'28
minimum elong	-4205 May 30 j 13:26	3°♉39'25	1°25'14
max. Earth dist.	-4205 Jun 03 j 10:41	11°♉36'40	1.35104 AU
evening rise	-4205 Jun 08 j 00:22	20°♉34'28	
	-4205 Jun 13 j 02:49	0°♊	
	-4205 Jul 02 j 07:54	0°♋	
desc. node	-4205 Jul 02 j 14:14	0°♋21'02	
evening max el	-4205 Jul 13 j 06:04	12°♋45'37	26°47'26
retrograde	-4205 Jul 26 j 07:01	20°♋04'43	
evening set	-4205 Aug 02 j 00:17	17°♋18'14	
min. Earth dist.	-4205 Aug 05 j 23:16	13°♋14'35	0.65649 AU
inferior conj	-4205 Aug 07 j 17:35	11°♋09'04	-2°-49'-27
minimum elong	-4205 Aug 07 j 21:07	10°♋58'35	2°48'11
morning rise	-4205 Aug 13 j 19:02	5°♋25'15	
direct	-4205 Aug 16 j 16:54	4°♋38'00	
asc. node	-4205 Aug 16 j 23:04	4°♋38'22	
morning max el	-4205 Aug 23 j 08:41	8°♋18'28	18°31'01
	-4205 Sep 07 j 08:47	0°♌	
morning set	-4205 Sep 12 j 04:55	7°♌51'34	
	-4205 Sep 26 j 00:34	0°♍	
superior conj	-4205 Sep 27 j 13:07	2°♍24'25	0°06'31
minimum elong	-4205 Sep 27 j 13:58	2°♍27'48	0°06'29
behind sun begin	-4205 Sep 27 j 03:29	1°♍46'24	
behind sun end	-4205 Sep 28 j 00:27	3°♍09'11	
desc. node	-4205 Sep 28 j 13:44	4°♍01'32	
max. Earth dist.	-4205 Sep 29 j 00:11	4°♍42'46	1.44813 AU
evening rise	-4205 Oct 13 j 23:12	28°♍16'15	
	-4205 Oct 15 j 01:30	0°♎	
	-4205 Nov 04 j 05:41	0°♏	
evening max el	-4205 Nov 05 j 16:44	1°♏36'21	19°13'28
retrograde	-4205 Nov 12 j 18:01	5°♏39'29	
asc. node	-4205 Nov 12 j 21:55	5°♏39'20	
evening set	-4205 Nov 15 j 23:10	4°♏39'24	
	-4205 Nov 20 j 17:00	30°℞♎	
inferior conj	-4205 Nov 21 j 16:36	28°♎45'48	2°42'05
minimum elong	-4205 Nov 21 j 13:32	28°♎55'33	2°41'03
min. Earth dist.	-4205 Nov 23 j 01:04	27°♎02'52	0.65793 AU
morning rise	-4205 Nov 27 j 03:02	22°♎33'38	
direct	-4205 Dec 03 j 10:52	19°♎49'26	
morning max el	-4205 Dec 16 j 03:00	27°♎14'52	26°18'19
	-4205 Dec 18 j 17:42	0°♏	
desc. node	-4205 Dec 25 j 13:33	8°♏17'18	
	-4204 Jan 09 j 07:35	0°♐	
morning set	-4204 Jan 21 j 04:52	20°♐43'44	
max. Earth dist.	-4204 Jan 25 j 08:24	28°♐40'15	1.35274 AU
	-4204 Jan 26 j 00:38	0°♑	
superior conj	-4204 Jan 30 j 02:45	8°♑13'14	-1°-26'-44
minimum elong	-4204 Jan 30 j 05:52	8°♑29'09	1°26'32
evening rise	-4204 Feb 06 j 20:43	24°♑15'06	
asc. node	-4204 Feb 08 j 21:01	28°♑20'42	
	-4204 Feb 09 j 16:54	0°♒	
evening max el	-4204 Feb 25 j 14:29	24°♒22'54	20°37'03
retrograde	-4204 Mar 07 j 14:10	29°♒36'28	
evening set	-4204 Mar 09 j 22:38	29°♒23'03	
inferior conj	-4204 Mar 18 j 23:08	25°♒25'09	0°58'33
minimum elong	-4204 Mar 19 j 01:42	25°♒21'23	0°57'34
min. Earth dist.	-4204 Mar 20 j 07:25	24°♒38'15	0.55354 AU
desc. node	-4204 Mar 22 j 12:35	23°♒24'08	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4204 Mar 28 j 03:01	21°♒08'32	
direct	-4204 Mar 31 j 12:59	20°♒43'09	
morning max el	-4204 Apr 13 j 21:10	27°♒13'45	23°03'52
	-4204 Apr 16 j 13:45	0°♓	
	-4204 May 05 j 02:23	0°♈	
morning set	-4204 May 06 j 16:16	3°♈15'55	
asc. node	-4204 May 06 j 20:40	3°♈38'55	
superior conj	-4204 May 13 j 21:02	18°♈35'31	1°06'57
minimum elong	-4204 May 13 j 18:31	18°♈22'10	1°06'36
max. Earth dist.	-4204 May 16 j 09:02	23°♈52'36	1.33937 AU
	-4204 May 19 j 08:10	0°♉	
evening rise	-4204 May 21 j 14:35	4°♉32'57	
	-4204 Jun 04 j 20:12	0°♊	
desc. node	-4204 Jun 18 j 11:18	19°♊12'46	
evening max el	-4204 Jun 24 j 17:01	26°♊00'52	27°19'51
	-4204 Jun 29 j 10:17	0°♋	
retrograde	-4204 Jul 08 j 05:31	3°♋25'30	
evening set	-4204 Jul 15 j 07:12	0°♋40'36	
	-4204 Jul 16 j 03:04	30°℞♊	
min. Earth dist.	-4204 Jul 18 j 23:47	27°♊13'34	0.64331 AU
inferior conj	-4204 Jul 21 j 08:04	24°♊41'07	-3°-30'-46
minimum elong	-4204 Jul 21 j 11:47	24°♊31'02	3°29'45
morning rise	-4204 Jul 27 j 18:02	19°♊13'39	
direct	-4204 Jul 30 j 10:34	18°♊36'15	
asc. node	-4204 Aug 02 j 20:09	19°♊35'33	
morning max el	-4204 Aug 05 j 22:52	22°♊04'12	18°04'43
	-4204 Aug 12 j 02:09	0°♋	
morning set	-4204 Aug 23 j 14:44	19°♋02'49	
	-4204 Aug 30 j 02:47	0°♌	
superior conj	-4204 Sep 05 j 23:12	11°♌14'54	0°52'10
minimum elong	-4204 Sep 06 j 04:35	11°♌36'40	0°51'39
max. Earth dist.	-4204 Sep 10 j 17:09	18°♌51'55	1.44298 AU
desc. node	-4204 Sep 14 j 10:40	24°♌45'54	
	-4204 Sep 17 j 18:52	0°♍	
evening rise	-4204 Sep 22 j 11:18	7°♍16'33	
	-4204 Oct 07 j 10:31	0°♎	
greatest brilliancy	-4204 Oct 11 j 22:20	6°♎25'10	-0.6m
evening max el	-4204 Oct 18 j 21:51	15°♎02'54	20°08'19
retrograde	-4204 Oct 26 j 15:11	19°♎34'40	
asc. node	-4204 Oct 29 j 19:01	18°♎36'40	
evening set	-4204 Oct 30 j 05:06	18°♎20'09	
inferior conj	-4204 Nov 04 j 17:55	12°♎14'43	1°56'25
minimum elong	-4204 Nov 04 j 15:28	12°♎22'54	1°55'27
min. Earth dist.	-4204 Nov 05 j 13:59	11°♎07'45	0.66649 AU
morning rise	-4204 Nov 10 j 01:14	5°♎58'20	
direct	-4204 Nov 15 j 18:35	3°♎29'06	
morning max el	-4204 Nov 27 j 11:53	10°♎27'13	25°03'14
desc. node	-4204 Dec 11 j 10:34	27°♎39'48	
	-4204 Dec 13 j 02:10	0°♏	
	-4204 Dec 31 j 23:05	0°♐	
morning set	-4203 Jan 02 j 14:51	2°♐55'45	
max. Earth dist.	-4203 Jan 06 j 09:23	9°♐47'17	1.36996 AU
superior conj	-4203 Jan 12 j 16:00	21°♐47'11	-1°-43'-20
minimum elong	-4203 Jan 12 j 18:44	22°♐00'37	1°43'19
	-4203 Jan 16 j 18:58	0°♑	
evening rise	-4203 Jan 20 j 23:50	8°♑28'11	
asc. node	-4203 Jan 25 j 18:02	17°♑47'08	
	-4203 Feb 02 j 00:14	0°♒	
evening max el	-4203 Feb 07 j 04:36	6°♒11'55	19°30'14
retrograde	-4203 Feb 16 j 12:20	10°♒37'27	
evening set	-4203 Feb 18 j 20:18	10°♒22'06	
inferior conj	-4203 Feb 27 j 05:34	6°♒16'08	2°35'46
minimum elong	-4203 Feb 27 j 10:36	6°♒07'56	2°34'16
min. Earth dist.	-4203 Mar 01 j 22:15	4°♒31'41	0.56368 AU
morning rise	-4203 Mar 07 j 21:17	1°♒30'29	
desc. node	-4203 Mar 09 j 09:43	1°♒04'22	
direct	-4203 Mar 12 j 11:13	0°♒42'49	
morning max el	-4203 Mar 26 j 12:38	7°♒50'31	24°42'28
	-4203 Apr 11 j 17:44	0°♓	
morning set	-4203 Apr 21 j 04:31	18°♓18'38	
asc. node	-4203 Apr 23 j 17:39	23°♓43'39	
	-4203 Apr 26 j 15:14	0°♈	
superior conj	-4203 Apr 28 j 06:06	3°♈30'55	0°45'25
minimum elong	-4203 Apr 28 j 04:13	3°♈20'45	0°45'05
max. Earth dist.	-4203 Apr 29 j 15:49	6°♈33'09	1.33143 AU
evening rise	-4203 May 05 j 14:05	19°♈00'27	
	-4203 May 11 j 05:07	0°♉	
	-4203 May 30 j 05:00	0°♊	
desc. node	-4203 Jun 05 j 08:22	7°♊07'39	
evening max el	-4203 Jun 07 j 02:02	8°♊51'35	27°22'40
retrograde	-4203 Jun 20 j 21:56	16°♊15'39	
evening set	-4203 Jun 28 j 00:42	13°♊46'10	
min. Earth dist.	-4203 Jul 01 j 14:49	10°♊47'58	0.62649 AU
inferior conj	-4203 Jul 04 j 12:28	7°♊59'17	-4°-2'00
minimum elong	-4203 Jul 04 j 15:22	7°♊52'14	4°01'26
morning rise	-4203 Jul 11 j 08:21	2°♊50'53	
direct	-4203 Jul 13 j 21:42	2°♊20'48	
morning max el	-4203 Jul 20 j 13:36	5°♊44'59	17°56'27
asc. node	-4203 Jul 20 j 17:13	5°♊53'57	
	-4203 Aug 05 j 05:31	0°♋	
morning set	-4203 Aug 05 j 23:21	1°♋19'25	
superior conj	-4203 Aug 17 j 10:47	21°♋21'18	1°25'09
minimum elong	-4203 Aug 17 j 16:07	21°♋43'49	1°24'50
	-4203 Aug 22 j 15:20	0°♌	
max. Earth dist.	-4203 Aug 24 j 06:30	2°♌39'50	1.43140 AU
desc. node	-4203 Sep 01 j 07:37	15°♌27'57	
evening rise	-4203 Sep 01 j 15:10	15°♌57'22	
	-4203 Sep 10 j 19:48	0°♍	
greatest brilliancy	-4203 Sep 26 j 14:30	22°♍21'02	-0.4m
evening max el	-4203 Oct 01 j 21:00	28°♍28'40	21°16'13
	-4203 Oct 03 j 10:51	0°♎	
retrograde	-4203 Oct 10 j 11:56	3°♎35'13	
evening set	-4203 Oct 14 j 12:55	2°♎03'33	
asc. node	-4203 Oct 16 j 16:10	0°♎01'51	
	-4203 Oct 16 j 16:50	30°℞♍	
inferior conj	-4203 Oct 19 j 22:45	25°♍49'39	1°06'16
minimum elong	-4203 Oct 19 j 21:15	25°♍54'45	1°05'40
min. Earth dist.	-4203 Oct 20 j 07:41	25°♍18'58	0.67183 AU
morning rise	-4203 Oct 25 j 05:14	19°♍32'04	
direct	-4203 Oct 30 j 07:17	17°♍22'54	
morning max el	-4203 Nov 09 j 20:50	23°♍41'37	23°38'13
	-4203 Nov 15 j 10:50	0°♎	
desc. node	-4203 Nov 28 j 07:31	17°♎30'58	
	-4203 Dec 06 j 12:38	0°♏	
morning set	-4203 Dec 15 j 00:47	13°♏52'41	
max. Earth dist.	-4203 Dec 19 j 05:02	21°♏04'50	1.39014 AU
	-4203 Dec 24 j 04:11	0°♐	
superior conj	-4203 Dec 26 j 15:52	4°♐36'52	-1°-53'-3
minimum elong	-4203 Dec 26 j 17:03	4°♐42'21	1°53'13
evening rise	-4202 Jan 04 j 19:34	22°♐13'23	
	-4202 Jan 08 j 20:57	0°♑	
asc. node	-4202 Jan 12 j 15:06	6°♑46'40	
evening max el	-4202 Jan 21 j 04:20	18°♑34'18	18°42'48
retrograde	-4202 Jan 29 j 03:36	22°♑25'40	
evening set	-4202 Jan 31 j 14:15	22°♑05'18	
inferior conj	-4202 Feb 08 j 06:51	17°♑40'58	3°36'35
minimum elong	-4202 Feb 08 j 10:34	17°♑33'58	3°35'48
min. Earth dist.	-4202 Feb 11 j 14:40	15°♑12'04	0.58038 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4202 Feb 16 j 03:13	12°♓27'46	
direct	-4202 Feb 21 j 22:25	11°♓04'55	
desc. node	-4202 Feb 24 j 06:50	11°♓18'30	
morning max el	-4202 Mar 08 j 04:24	18°♓32'20	26°10'12
	-4202 Mar 17 j 18:56	0°♒	
	-4202 Apr 04 j 01:42	0°♓	
morning set	-4202 Apr 05 j 16:09	3°♓19'16	
asc. node	-4202 Apr 10 j 14:38	13°♓54'46	
superior conj	-4202 Apr 12 j 17:21	18°♓31'52	0°21'53
minimum elong	-4202 Apr 12 j 16:23	18°♓26'39	0°21'38
max. Earth dist.	-4202 Apr 13 j 03:52	19°♓29'20	1.32697 AU
	-4202 Apr 18 j 00:41	0°♈	
evening rise	-4202 Apr 19 j 19:47	3°♈45'57	
	-4202 May 04 j 00:52	0°♉	
evening max el	-4202 May 20 j 06:32	21°♉05'31	26°52'41
desc. node	-4202 May 23 j 05:29	23°♉41'26	
retrograde	-4202 Jun 03 j 06:51	28°♉26'09	
evening set	-4202 Jun 10 j 00:36	26°♉25'44	
min. Earth dist.	-4202 Jun 13 j 20:05	23°♉43'05	0.60692 AU
inferior conj	-4202 Jun 17 j 03:18	20°♉54'58	-4°-17'-18
minimum elong	-4202 Jun 17 j 04:02	20°♉53'25	4°17'08
morning rise	-4202 Jun 24 j 10:35	16°♉08'00	
direct	-4202 Jun 26 j 22:29	15°♉43'24	
morning max el	-4202 Jul 04 j 02:06	19°♉13'37	18°07'15
asc. node	-4202 Jul 07 j 14:17	23°♉17'34	
	-4202 Jul 12 j 00:21	0°♊	
morning set	-4202 Jul 20 j 01:19	14°♊27'06	
	-4202 Jul 28 j 11:51	0°♋	
superior conj	-4202 Jul 30 j 01:33	2°♋48'53	1°43'30
minimum elong	-4202 Jul 30 j 04:22	3°♋01'22	1°43'33
max. Earth dist.	-4202 Aug 06 j 14:46	15°♋53'05	1.41488 AU
evening rise	-4202 Aug 12 j 07:04	25°♋13'33	
	-4202 Aug 15 j 06:57	0°♌	
desc. node	-4202 Aug 19 j 04:35	6°♌04'28	
	-4202 Sep 04 j 17:04	0°♍	
greatest brilliancy	-4202 Sep 09 j 19:59	6°♍34'02	-0.3m
evening max el	-4202 Sep 14 j 14:11	11°♍54'22	22°33'14
retrograde	-4202 Sep 24 j 06:40	17°♍39'15	
evening set	-4202 Sep 28 j 20:49	15°♍48'17	
asc. node	-4202 Oct 03 j 13:18	10°♍24'07	
inferior conj	-4202 Oct 04 j 05:13	9°♍29'19	0°13'36
minimum elong	-4202 Oct 04 j 04:54	9°♍30'26	0°13'33
transit middle	-4202 Oct 04 j 04:54	9°♍30'26	0°13'33
transit begin	-4202 Oct 04 j 03:23	9°♍35'39	
transit end	-4202 Oct 04 j 06:24	9°♍25'12	
min. Earth dist.	-4202 Oct 04 j 03:46	9°♍34'19	0.67412 AU
morning rise	-4202 Oct 09 j 12:52	3°♍13'31	
direct	-4202 Oct 14 j 00:06	1°♍26'05	
morning max el	-4202 Oct 23 j 09:01	7°♍00'22	22°12'36
greatest brilliancy	-4202 Oct 28 j 02:57	12°♍22'59	-0.4m
	-4202 Nov 10 j 00:04	0°♎	
desc. node	-4202 Nov 15 j 04:29	7°♎42'44	
morning set	-4202 Nov 25 j 06:13	23°♎25'55	
	-4202 Nov 29 j 06:43	0°♏	
max. Earth dist.	-4202 Dec 01 j 03:43	3°♏07'38	1.41067 AU
superior conj	-4202 Dec 08 j 21:17	16°♏29'19	-1°-52'-37
minimum elong	-4202 Dec 08 j 19:29	16°♏21'18	1°52'44
	-4202 Dec 16 j 07:19	0°♐	
evening rise	-4202 Dec 19 j 04:53	5°♐23'56	
asc. node	-4202 Dec 30 j 12:11	25°♐10'46	
	-4201 Jan 03 j 03:50	0°♑	
evening max el	-4201 Jan 04 j 11:12	1°♑22'57	18°15'28
retrograde	-4201 Jan 11 j 13:20	4°♑56'02	
evening set	-4201 Jan 14 j 02:33	4°♑29'23	
	-4201 Jan 20 j 20:40	30°℞♐	
inferior conj	-4201 Jan 21 j 04:28	29°♐43'00	4°01'46
minimum elong	-4201 Jan 21 j 05:21	29°♐41'04	4°01'33
min. Earth dist.	-4201 Jan 24 j 11:42	26°♐51'05	0.60013 AU
morning rise	-4201 Jan 28 j 05:12	24°♐08'43	
direct	-4201 Feb 03 j 21:04	22°♐07'29	
desc. node	-4201 Feb 11 j 03:57	24°♐19'37	
morning max el	-4201 Feb 18 j 01:29	29°♐44'52	27°12'46
	-4201 Feb 18 j 07:40	0°♑	
	-4201 Mar 11 j 15:17	0°♒	
morning set	-4201 Mar 21 j 01:24	18°♒11'39	
	-4201 Mar 26 j 14:10	0°♓	
max. Earth dist.	-4201 Mar 27 j 17:26	2°♓28'52	1.32584 AU
superior conj	-4201 Mar 28 j 05:04	3°♓32'30	0°-2'-51
minimum elong	-4201 Mar 28 j 05:12	3°♓33'13	0°02'56
behind sun begin	-4201 Mar 28 j 00:16	3°♓06'12	
behind sun end	-4201 Mar 28 j 10:08	4°♓00'15	
asc. node	-4201 Mar 28 j 11:37	4°♓08'19	
evening rise	-4201 Apr 04 j 05:20	18°♓41'13	
	-4201 Apr 09 j 20:21	0°♈	
	-4201 Apr 29 j 15:24	0°♉	
evening max el	-4201 May 02 j 04:41	2°♉36'41	25°51'34
desc. node	-4201 May 10 j 02:38	8°♉21'50	
retrograde	-4201 May 16 j 06:43	9°♉51'37	
evening set	-4201 May 22 j 03:25	8°♉28'39	
min. Earth dist.	-4201 May 26 j 17:08	5°♉44'45	0.58656 AU
inferior conj	-4201 May 30 j 00:55	3°♉18'19	-4°-8'-7
minimum elong	-4201 May 29 j 22:17	3°♉23'12	4°07'47
	-4201 Jun 04 j 02:02	30°℞♈	
morning rise	-4201 Jun 06 j 21:04	28°♈53'34	
direct	-4201 Jun 09 j 08:26	28°♈33'23	
	-4201 Jun 14 j 07:27	0°♉	
morning max el	-4201 Jun 17 j 09:31	2°♉21'54	18°37'54
asc. node	-4201 Jun 24 j 11:19	11°♉31'49	
morning set	-4201 Jul 03 j 15:52	28°♉13'16	
	-4201 Jul 04 j 13:54	0°♊	
superior conj	-4201 Jul 12 j 14:34	15°♊24'04	1°49'16
minimum elong	-4201 Jul 12 j 14:45	15°♊24'54	1°49'26
max. Earth dist.	-4201 Jul 19 j 18:00	28°♊22'50	1.39567 AU
	-4201 Jul 20 j 16:13	0°♋	
evening rise	-4201 Jul 23 j 23:25	5°♋39'46	
desc. node	-4201 Aug 06 j 01:36	26°♋30'58	
	-4201 Aug 08 j 09:53	0°♌	
evening max el	-4201 Aug 28 j 02:47	25°♌20'54	23°54'01
	-4201 Sep 02 j 17:56	0°♍	
retrograde	-4201 Sep 07 j 22:16	1°♍43'20	
	-4201 Sep 12 j 13:23	30°℞♌	
evening set	-4201 Sep 13 j 03:02	29°♌32'26	
inferior conj	-4201 Sep 18 j 11:34	23°♌11'46	0°-39'-53
minimum elong	-4201 Sep 18 j 12:30	23°♌08'36	0°39'22
min. Earth dist.	-4201 Sep 17 j 23:47	23°♌51'50	0.67339 AU
asc. node	-4201 Sep 20 j 10:27	20°♌36'24	
morning rise	-4201 Sep 23 j 22:08	17°♌00'46	
direct	-4201 Sep 27 j 20:04	15°♌34'00	
morning max el	-4201 Oct 06 j 03:22	20°♌26'44	20°53'40
greatest brilliancy	-4201 Oct 11 j 23:14	27°♌19'29	-0.5m
	-4201 Oct 13 j 23:29	0°♍	
desc. node	-4201 Nov 02 j 01:25	28°♍08'36	
	-4201 Nov 03 j 06:12	0°♎	
morning set	-4201 Nov 04 j 11:15	1°♎53'00	
max. Earth dist.	-4201 Nov 13 j 09:22	16°♎03'57	1.42858 AU
superior conj	-4201 Nov 20 j 02:26	27°♎10'01	-1°-38'-16
minimum elong	-4201 Nov 19 j 21:00	26°♎47'05	1°37'57
	-4201 Nov 21 j 18:35	0°♏	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-4201 Dec 01 j 23:52	17°♏51'20	
	-4201 Dec 08 j 21:13	0°♐	
asc. node	-4201 Dec 17 j 09:16	12°♐48'20	
evening max el	-4201 Dec 18 j 22:22	14°♐29'42	18°07'59
retrograde	-4201 Dec 25 j 13:50	17°♐58'01	
evening set	-4201 Dec 28 j 05:44	17°♐24'13	
inferior conj	-4200 Jan 03 j 19:38	12°♐16'11	3°59'49
minimum elong	-4200 Jan 03 j 18:08	12°♐19'56	3°59'32
min. Earth dist.	-4200 Jan 06 j 16:44	9°♐24'21	0.61975 AU
morning rise	-4200 Jan 10 j 04:22	6°♐26'45	
direct	-4200 Jan 17 j 05:17	3°♐54'59	
desc. node	-4200 Jan 29 j 01:02	9°♐37'41	
morning max el	-4200 Jan 31 j 05:00	11°♐38'17	27°41'08
	-4200 Feb 14 j 18:10	0°♑	
	-4200 Mar 02 j 20:52	0°♒	
morning set	-4200 Mar 04 j 06:16	2°♒48'36	
max. Earth dist.	-4200 Mar 10 j 04:35	15°♒17'18	1.32811 AU
superior conj	-4200 Mar 11 j 15:39	18°♒27'05	0°-27'-53
minimum elong	-4200 Mar 11 j 16:54	18°♒33'52	0°27'47
asc. node	-4200 Mar 14 j 08:37	24°♒20'19	
	-4200 Mar 16 j 23:30	0°♓	
evening rise	-4200 Mar 18 j 16:45	3°♓39'12	
	-4200 Apr 02 j 00:44	0°♈	
evening max el	-4200 Apr 12 j 21:35	13°♈33'03	24°27'35
desc. node	-4200 Apr 25 j 23:46	20°♈32'44	
retrograde	-4200 Apr 26 j 19:43	20°♈34'20	
evening set	-4200 May 01 j 09:44	19°♈46'57	
min. Earth dist.	-4200 May 07 j 09:30	16°♈46'23	0.56837 AU
inferior conj	-4200 May 10 j 02:43	15°♈02'03	-3°-24'-23
minimum elong	-4200 May 09 j 21:11	15°♈10'58	3°23'11
morning rise	-4200 May 18 j 12:47	10°♈56'06	
direct	-4200 May 20 j 23:48	10°♈39'30	
morning max el	-4200 May 30 j 09:06	15°♈01'11	19°28'50
asc. node	-4200 Jun 10 j 08:19	0°♉25'09	
	-4200 Jun 10 j 02:42	0°♉	
morning set	-4200 Jun 16 j 15:26	12°♉29'06	
superior conj	-4200 Jun 24 j 20:08	28°♉51'11	1°45'20
minimum elong	-4200 Jun 24 j 18:30	28°♉43'11	1°45'25
	-4200 Jun 25 j 10:12	0°♊	
max. Earth dist.	-4200 Jun 30 j 19:52	10°♊17'24	1.37645 AU
evening rise	-4200 Jul 04 j 17:34	17°♊22'38	
	-4200 Jul 12 j 03:03	0°♋	
desc. node	-4200 Jul 22 j 22:38	16°♋42'18	
	-4200 Aug 01 j 17:53	0°♌	
evening max el	-4200 Aug 09 j 13:25	8°♌50'16	25°11'30
retrograde	-4200 Aug 21 j 09:52	15°♌43'30	
evening set	-4200 Aug 27 j 05:44	13°♌14'31	
min. Earth dist.	-4200 Aug 31 j 17:25	8°♌09'58	0.66954 AU
inferior conj	-4200 Sep 01 j 16:06	6°♌55'34	-1°-32'-32
minimum elong	-4200 Sep 01 j 18:14	6°♌48'34	1°31'32
asc. node	-4200 Sep 06 j 07:34	1°♌37'10	
morning rise	-4200 Sep 07 j 07:13	0°♌52'25	
	-4200 Sep 09 j 01:22	30°℞♋	
direct	-4200 Sep 10 j 17:55	29°♋43'37	
	-4200 Sep 12 j 11:37	0°♌	
morning max el	-4200 Sep 18 j 04:56	4°♌01'50	19°46'22
greatest brilliancy	-4200 Sep 26 j 07:21	14°♌15'15	-0.6m
	-4200 Oct 06 j 20:19	0°♍	
morning set	-4200 Oct 13 j 10:21	10°♍09'58	
desc. node	-4200 Oct 18 j 22:20	18°♍44'10	
max. Earth dist.	-4200 Oct 25 j 21:28	29°♍42'54	1.44147 AU
	-4200 Oct 26 j 01:46	0°♎	
superior conj	-4200 Oct 30 j 04:02	6°♎33'24	-1°-7'-21
minimum elong	-4200 Oct 29 j 21:13	6°♎05'55	1°06'36
evening rise	-4200 Nov 13 j 00:01	29°♎26'29	
	-4200 Nov 13 j 07:56	0°♏	
evening max el	-4200 Dec 01 j 11:04	27°♏47'59	18°19'31
asc. node	-4200 Dec 03 j 06:23	29°♏26'02	
	-4200 Dec 04 j 01:02	0°♐	
retrograde	-4200 Dec 08 j 00:32	1°♐22'26	
evening set	-4200 Dec 10 j 20:11	0°♐40'06	
	-4200 Dec 11 j 23:36	30°℞♏	
inferior conj	-4200 Dec 17 j 00:32	25°♏12'23	3°39'01
minimum elong	-4200 Dec 16 j 21:43	25°♏20'16	3°38'22
min. Earth dist.	-4200 Dec 19 j 07:34	22°♏39'11	0.63722 AU
morning rise	-4200 Dec 22 j 21:42	19°♏11'58	
direct	-4200 Dec 29 j 21:28	16°♏23'55	
morning max el	-4199 Jan 12 j 12:51	24°♏07'41	27°33'17
desc. node	-4199 Jan 14 j 22:04	26°♏36'23	
	-4199 Jan 17 j 21:14	0°♐	
	-4199 Feb 07 j 01:35	0°♑	
morning set	-4199 Feb 16 j 04:07	17°♑00'20	
max. Earth dist.	-4199 Feb 21 j 09:09	27°♑39'39	1.33423 AU
	-4199 Feb 22 j 11:47	0°♒	
superior conj	-4199 Feb 23 j 23:15	3°♒08'34	0°-52'-21
minimum elong	-4199 Feb 24 j 01:30	3°♒20'36	0°52'06
asc. node	-4199 Mar 01 j 05:36	14°♒25'53	
evening rise	-4199 Mar 03 j 04:11	18°♒32'27	
	-4199 Mar 08 j 20:59	0°♓	
evening max el	-4199 Mar 25 j 14:02	24°♓16'04	22°53'43
	-4199 Apr 03 j 07:30	0°♈	
retrograde	-4199 Apr 07 j 20:01	0°♈46'29	
evening set	-4199 Apr 11 j 03:33	0°♈22'28	
	-4199 Apr 12 j 11:33	30°℞♓	
desc. node	-4199 Apr 12 j 20:55	29°♓52'10	
min. Earth dist.	-4199 Apr 19 j 00:08	26°♓53'29	0.55583 AU
inferior conj	-4199 Apr 20 j 09:40	26°♓04'55	-2°00'-40
minimum elong	-4199 Apr 20 j 04:40	26°♓12'10	1°59'09
morning rise	-4199 Apr 29 j 08:29	22°♓07'38	
direct	-4199 May 01 j 21:26	21°♓52'20	
morning max el	-4199 May 12 j 22:27	27°♓01'37	20°39'42
	-4199 May 15 j 18:41	0°♈	
asc. node	-4199 May 28 j 05:18	19°♈47'15	
morning set	-4199 May 31 j 21:11	27°♈06'15	
	-4199 Jun 02 j 07:03	0°♉	
superior conj	-4199 Jun 08 j 13:26	12°♉55'24	1°34'16
minimum elong	-4199 Jun 08 j 10:54	12°♉42'30	1°34'09
max. Earth dist.	-4199 Jun 13 j 02:55	22°♉02'46	1.35940 AU
evening rise	-4199 Jun 17 j 08:56	0°♊09'57	
	-4199 Jun 17 j 06:48	0°♊	
	-4199 Jul 05 j 06:21	0°♋	
desc. node	-4199 Jul 09 j 19:41	6°♋30'53	
evening max el	-4199 Jul 23 j 00:19	22°♋21'01	26°17'46
retrograde	-4199 Aug 04 j 16:47	29°♋33'53	
evening set	-4199 Aug 11 j 02:49	26°♋51'45	
min. Earth dist.	-4199 Aug 15 j 06:14	22°♋25'29	0.66226 AU
inferior conj	-4199 Aug 16 j 16:56	20°♋37'59	-2°-22'-37
minimum elong	-4199 Aug 16 j 20:04	20°♋28'17	2°21'22
morning rise	-4199 Aug 22 j 14:09	14°♋45'58	
asc. node	-4199 Aug 24 j 04:39	14°♋04'10	
direct	-4199 Aug 25 j 16:00	13°♋51'45	
morning max el	-4199 Sep 01 j 12:57	17°♋43'46	18°53'48
	-4199 Sep 10 j 18:46	0°♌	
morning set	-4199 Sep 23 j 02:02	19°♌19'35	
	-4199 Sep 29 j 19:46	0°♍	
desc. node	-4199 Oct 05 j 19:17	9°♍25'51	
max. Earth dist.	-4199 Oct 08 j 14:05	13°♍49'04	1.44776 AU
superior conj	-4199 Oct 09 j 07:56	14°♍59'26	0°-22'-12

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4199 Oct 09 j 05:03	14°♍48'01	0°21'47	
	-4199 Oct 18 j 19:11	0°♎		
evening rise	-4199 Oct 25 j 00:49	10°♎00'35		
	-4199 Nov 06 j 13:06	0°♏		
evening max el	-4199 Nov 14 j 22:42	11°♏13'01	18°49'01	
asc. node	-4199 Nov 20 j 03:29	14°♏48'54		
retrograde	-4199 Nov 21 j 17:36	15°♏02'56		
evening set	-4199 Nov 24 j 18:45	14°♏10'00		
inferior conj	-4199 Nov 30 j 15:39	8°♏25'12	3°05'30	
minimum elong	-4199 Nov 30 j 12:28	8°♏34'55	3°04'32	
min. Earth dist.	-4199 Dec 02 j 08:05	6°♏22'10	0.65141 AU	
morning rise	-4199 Dec 06 j 05:05	2°♏16'47		
	-4199 Dec 09 j 21:18	30°℞♎		
direct	-4199 Dec 12 j 20:16	29°♎27'28		
	-4199 Dec 15 j 23:26	0°♏		
morning max el	-4199 Dec 25 j 22:23	7°♏02'34	26°53'10	
desc. node	-4198 Jan 01 j 19:04	14°♏46'48		
	-4198 Jan 12 j 18:48	0°♐		
	-4198 Jan 30 j 08:04	0°♑		
morning set	-4198 Jan 30 j 15:42	0°♑36'31		
max. Earth dist.	-4198 Feb 04 j 03:43	9°♑27'41	1.34471 AU	
superior conj	-4198 Feb 08 j 01:52	17°♑30'31	-1°-15'-2	
minimum elong	-4198 Feb 08 j 04:50	17°♑45'54	1°14'47	
	-4198 Feb 14 j 00:32	0°♒		
evening rise	-4198 Feb 15 j 13:57	3°♒15'14		
asc. node	-4198 Feb 16 j 02:37	4°♒20'41		
	-4198 Mar 02 j 20:55	0°♓		
evening max el	-4198 Mar 07 j 12:18	5°♓12'47	21°23'22	
retrograde	-4198 Mar 19 j 10:25	10°♓55'35		
evening set	-4198 Mar 21 j 23:24	10°♓40'53		
desc. node	-4198 Mar 30 j 18:01	6°♓57'35		
inferior conj	-4198 Mar 31 j 05:40	6°♓41'11	0°-8'-3	
minimum elong	-4198 Mar 31 j 05:17	6°♓41'43	0°08'01	
transit middle	-4198 Mar 31 j 05:17	6°♓41'43	0°08'01	
transit begin	-4198 Mar 31 j 01:45	6°♓46'43		
transit end	-4198 Mar 31 j 08:50	6°♓36'43		
min. Earth dist.	-4198 Mar 31 j 14:14	6°♓29'06	0.55175 AU	
morning rise	-4198 Apr 09 j 10:58	2°♓36'39		
direct	-4198 Apr 12 j 10:03	2°♓17'23		
morning max el	-4198 Apr 25 j 00:49	8°♓19'49	22°07'48	
	-4198 May 10 j 05:56	0°♈		
asc. node	-4198 May 15 j 02:17	9°♈30'42		
morning set	-4198 May 16 j 06:56	11°♈58'22		
superior conj	-4198 May 23 j 14:55	27°♈26'07	1°18'02	
minimum elong	-4198 May 23 j 12:14	27°♈12'02	1°17'45	
	-4198 May 24 j 20:19	0°♉		
max. Earth dist.	-4198 May 26 j 19:45	4°♉05'18	1.34570 AU	
evening rise	-4198 May 31 j 16:12	13°♉46'38		
	-4198 Jun 09 j 13:14	0°♊		
desc. node	-4198 Jun 26 j 16:44	25°♊47'01		
	-4198 Jun 30 j 03:07	0°♋		
evening max el	-4198 Jul 05 j 11:49	5°♋45'49	27°04'36	
retrograde	-4198 Jul 18 j 18:17	13°♋07'34		
evening set	-4198 Jul 25 j 15:44	10°♋20'38		
min. Earth dist.	-4198 Jul 29 j 11:52	6°♋32'48	0.65134 AU	
inferior conj	-4198 Jul 31 j 11:55	4°♋15'17	-3°-7'-58	
minimum elong	-4198 Jul 31 j 15:37	4°♋04'40	3°06'46	
	-4198 Aug 04 j 15:29	30°℞♊		
morning rise	-4198 Aug 06 j 16:46	28°♊37'44		
direct	-4198 Aug 09 j 12:08	27°♊54'55		
asc. node	-4198 Aug 11 j 01:44	28°♊08'09		
	-4198 Aug 14 j 10:29	0°♋		
morning max el	-4198 Aug 16 j 01:32	1°♋29'02	18°17'37	
morning set	-4198 Sep 03 j 20:38	29°♋47'33		
	-4198 Sep 03 j 23:39	0°♌		
superior conj	-4198 Sep 18 j 09:08	23°♌21'49	0°27'01	
minimum elong	-4198 Sep 18 j 12:27	23°♌35'00	0°26'42	
max. Earth dist.	-4198 Sep 21 j 08:20	28°♌04'06	1.44680 AU	
desc. node	-4198 Sep 22 j 16:13	0°♍09'55		
	-4198 Sep 22 j 13:42	0°♍		
evening rise	-4198 Oct 05 j 00:45	19°♍30'55		
	-4198 Oct 11 j 18:29	0°♎		
greatest brilliancy	-4198 Oct 20 j 16:34	13°♎32'21	-0.7m	
evening max el	-4198 Oct 29 j 06:47	24°♎39'41	19°35'06	
retrograde	-4198 Nov 05 j 13:58	28°♎53'40		
asc. node	-4198 Nov 07 j 00:36	28°♎41'36		
evening set	-4198 Nov 08 j 22:40	27°♎47'39		
inferior conj	-4198 Nov 14 j 13:56	21°♎48'44	2°23'22	
minimum elong	-4198 Nov 14 j 11:04	21°♎58'02	2°22'21	
min. Earth dist.	-4198 Nov 15 j 16:55	20°♎21'07	0.66201 AU	
morning rise	-4198 Nov 19 j 22:45	15°♎34'44		
direct	-4198 Nov 26 j 00:45	12°♎56'02		
morning max el	-4198 Dec 08 j 07:37	20°♎10'42	25°48'16	
	-4198 Dec 16 j 19:15	0°♏		
desc. node	-4198 Dec 19 j 16:05	3°♏47'05		
	-4197 Jan 05 j 21:48	0°♐		
morning set	-4197 Jan 13 j 12:34	13°♐23'03		
max. Earth dist.	-4197 Jan 17 j 10:43	20°♐44'24	1.35966 AU	
	-4197 Jan 22 j 04:07	0°♑		
superior conj	-4197 Jan 22 j 20:55	1°♑24'18	-1°-34'-27	
minimum elong	-4197 Jan 22 j 23:59	1°♑39'45	1°34'19	
evening rise	-4197 Jan 30 j 20:07	17°♑40'46		
asc. node	-4197 Feb 02 j 23:38	23°♑59'03		
	-4197 Feb 06 j 03:38	0°♒		
evening max el	-4197 Feb 17 j 20:12	16°♒40'09	20°06'17	
retrograde	-4197 Feb 28 j 02:07	21°♒31'46		
evening set	-4197 Mar 02 j 09:51	21°♒17'54		
inferior conj	-4197 Mar 11 j 04:23	17°♒18'06	1°43'39	
minimum elong	-4197 Mar 11 j 08:31	17°♒11'49	1°42'13	
min. Earth dist.	-4197 Mar 13 j 04:14	16°♒06'03	0.55695 AU	
desc. node	-4197 Mar 17 j 15:08	13°♒45'12		
morning rise	-4197 Mar 20 j 04:31	12°♒50'12		
direct	-4197 Mar 24 j 01:39	12°♒17'08		
morning max el	-4197 Apr 06 j 18:39	19°♒04'51	23°46'10	
	-4197 Apr 15 j 19:48	0°♓		
morning set	-4197 Apr 30 j 18:48	26°♓59'17		
asc. node	-4197 May 01 j 23:17	29°♓29'18		
	-4197 May 02 j 05:04	0°♈		
superior conj	-4197 May 07 j 21:51	12°♈14'43	0°58'07	
minimum elong	-4197 May 07 j 19:34	12°♈02'27	0°57'45	
max. Earth dist.	-4197 May 09 j 22:19	16°♈33'38	1.33561 AU	
evening rise	-4197 May 15 j 10:49	27°♈58'56		
	-4197 May 16 j 11:08	0°♉		
	-4197 Jun 02 j 18:37	0°♊		
desc. node	-4197 Jun 13 j 13:48	14°♊17'11		
evening max el	-4197 Jun 17 j 22:23	18°♊52'48	27°24'55	
retrograde	-4197 Jul 01 j 14:03	26°♊16'52		
evening set	-4197 Jul 08 j 17:26	23°♊36'49		
min. Earth dist.	-4197 Jul 12 j 08:22	20°♊23'27	0.63661 AU	
inferior conj	-4197 Jul 14 j 22:32	17°♊42'41	-3°-45'-34	
minimum elong	-4197 Jul 15 j 02:03	17°♊33'34	3°44'43	
morning rise	-4197 Jul 21 j 12:32	12°♊22'59		
direct	-4197 Jul 24 j 03:36	11°♊48'49		
asc. node	-4197 Jul 28 j 22:49	13°♊42'07		
morning max el	-4197 Jul 30 j 16:19	15°♊13'41	17°58'59	
	-4197 Aug 10 j 00:44	0°♋		
morning set	-4197 Aug 16 j 16:54	11°♋29'03		
	-4197 Aug 27 j 13:56	0°♌		
superior conj	-4197 Aug 29 j 05:09	2°♌42'06	1°07'58	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4197 Aug 29 j 11:00	3°♌06'10	1°07'29
max. Earth dist.	-4197 Sep 04 j 00:42	12°♌08'46	1.43879 AU
desc. node	-4197 Sep 09 j 13:09	20°♌53'46	
evening rise	-4197 Sep 14 j 07:06	28°♌17'22	
	-4197 Sep 15 j 09:42	0°♍	
	-4197 Oct 05 j 17:15	0°♎	
greatest brilliancy	-4197 Oct 06 j 06:28	0°♎44'13	-0.5m
evening max el	-4197 Oct 12 j 09:28	8°♎05'53	20°35'45
retrograde	-4197 Oct 20 j 11:13	12°♎51'41	
evening set	-4197 Oct 24 j 05:40	11°♎29'57	
asc. node	-4197 Oct 24 j 21:44	10°♎58'14	
inferior conj	-4197 Oct 29 j 17:00	5°♎20'18	1°35'32
minimum elong	-4197 Oct 29 j 14:55	5°♎27'20	1°34'43
min. Earth dist.	-4197 Oct 30 j 08:06	4°♎29'10	0.66915 AU
	-4197 Nov 02 j 23:53	30°℞♍	
morning rise	-4197 Nov 03 j 23:43	29°♍03'13	
direct	-4197 Nov 09 j 10:30	26°♍42'24	
	-4197 Nov 16 j 22:00	0°♎	
morning max el	-4197 Nov 20 j 16:25	3°♎24'29	24°27'47
desc. node	-4197 Dec 06 j 13:05	23°♎22'48	
	-4197 Dec 11 j 01:22	0°♏	
morning set	-4197 Dec 26 j 13:04	25°♏04'43	
	-4197 Dec 29 j 07:51	0°♐	
max. Earth dist.	-4197 Dec 30 j 08:56	1°♐52'59	1.37835 AU
superior conj	-4196 Jan 06 j 05:00	14°♐40'32	-1°-48'-28
minimum elong	-4196 Jan 06 j 07:14	14°♐51'20	1°48'33
	-4196 Jan 13 j 23:41	0°♑	
evening rise	-4196 Jan 14 j 20:26	1°♑42'54	
asc. node	-4196 Jan 20 j 20:42	13°♑15'04	
evening max el	-4196 Jan 31 j 14:31	28°♑43'23	19°07'31
	-4196 Feb 02 j 01:27	0°♒	
retrograde	-4196 Feb 09 j 07:19	2°♒52'57	
evening set	-4196 Feb 11 j 16:15	2°♒35'43	
	-4196 Feb 17 j 07:44	30°℞♑	
inferior conj	-4196 Feb 19 j 18:16	28°♑22'21	3°06'18
minimum elong	-4196 Feb 19 j 23:06	28°♑13'59	3°05'03
min. Earth dist.	-4196 Feb 22 j 19:22	26°♑16'58	0.57016 AU
morning rise	-4196 Feb 28 j 02:11	23°♑24'12	
desc. node	-4196 Mar 03 j 12:18	22°♑24'14	
direct	-4196 Mar 04 j 04:48	22°♑23'06	
morning max el	-4196 Mar 18 j 09:38	29°♑40'42	25°22'09
	-4196 Mar 18 j 17:35	0°♒	
	-4196 Apr 08 j 06:56	0°♓	
morning set	-4196 Apr 14 j 07:01	12°♓02'14	
asc. node	-4196 Apr 17 j 20:15	19°♓37'26	
superior conj	-4196 Apr 21 j 08:04	27°♓13'24	0°35'39
minimum elong	-4196 Apr 21 j 06:33	27°♓05'10	0°35'19
max. Earth dist.	-4196 Apr 22 j 07:50	29°♓22'36	1.32909 AU
	-4196 Apr 22 j 14:44	0°♈	
evening rise	-4196 Apr 28 j 13:16	12°♈35'07	
	-4196 May 07 j 15:14	0°♉	
	-4196 May 28 j 17:52	0°♊	
evening max el	-4196 May 30 j 05:34	1°♊28'33	27°13'52
desc. node	-4196 May 30 j 10:55	1°♊41'17	
retrograde	-4196 Jun 13 j 03:28	8°♊51'45	
evening set	-4196 Jun 20 j 04:00	6°♊32'43	
min. Earth dist.	-4196 Jun 23 j 18:56	3°♊43'29	0.61843 AU
inferior conj	-4196 Jun 26 j 21:36	0°♊52'22	-4°-10'-53
minimum elong	-4196 Jun 26 j 23:45	0°♊47'24	4°10'32
	-4196 Jun 27 j 20:34	30°℞♉	
morning rise	-4196 Jul 03 j 22:12	25°♉53'14	
direct	-4196 Jul 06 j 10:47	25°♉25'40	
morning max el	-4196 Jul 13 j 06:33	28°♉50'50	17°58'44
	-4196 Jul 14 j 09:09	0°♊	
asc. node	-4196 Jul 14 j 19:52	0°♊30'20	
morning set	-4196 Jul 29 j 09:32	24°♊08'58	
	-4196 Aug 01 j 14:58	0°♋	
superior conj	-4196 Aug 09 j 04:44	13°♋24'31	1°34'39
minimum elong	-4196 Aug 09 j 09:07	13°♋43'27	1°34'30
max. Earth dist.	-4196 Aug 16 j 12:01	25°♋43'30	1.42483 AU
	-4196 Aug 19 j 02:54	0°♌	
evening rise	-4196 Aug 23 j 13:44	7°♌06'32	
desc. node	-4196 Aug 26 j 10:07	11°♌33'51	
	-4196 Sep 07 j 16:39	0°♍	
greatest brilliancy	-4196 Sep 19 j 08:40	15°♍56'26	-0.4m
evening max el	-4196 Sep 24 j 05:52	21°♍30'48	21°48'05
retrograde	-4196 Oct 03 j 07:26	26°♍53'59	
evening set	-4196 Oct 07 j 13:45	25°♍14'15	
asc. node	-4196 Oct 10 j 18:53	21°♍51'34	
inferior conj	-4196 Oct 12 j 22:46	18°♍57'29	0°44'07
minimum elong	-4196 Oct 12 j 21:45	19°♍00'58	0°43'44
min. Earth dist.	-4196 Oct 13 j 03:11	18°♍42'14	0.67312 AU
morning rise	-4196 Oct 18 j 05:31	12°♍40'09	
direct	-4196 Oct 23 j 00:59	10°♍40'26	
morning max el	-4196 Nov 02 j 02:30	16°♍40'57	23°01'24
greatest brilliancy	-4196 Nov 07 j 01:10	22°♍14'42	-0.3m
	-4196 Nov 13 j 00:59	0°♎	
desc. node	-4196 Nov 22 j 10:03	13°♎23'32	
	-4196 Dec 03 j 03:13	0°♏	
morning set	-4196 Dec 06 j 11:12	5°♏26'43	
max. Earth dist.	-4196 Dec 11 j 04:56	13°♏26'32	1.39892 AU
superior conj	-4196 Dec 18 j 21:41	27°♏07'31	-1°-54'-20
minimum elong	-4196 Dec 18 j 21:46	27°♏07'52	1°54'31
	-4196 Dec 20 j 11:05	0°♐	
evening rise	-4196 Dec 28 j 12:11	15°♐14'36	
	-4195 Jan 05 j 12:38	0°♑	
asc. node	-4195 Jan 06 j 17:47	2°♑01'09	
evening max el	-4195 Jan 13 j 17:39	11°♑18'25	18°28'48
retrograde	-4195 Jan 21 j 06:48	15°♑00'26	
evening set	-4195 Jan 23 j 18:24	14°♑37'41	
inferior conj	-4195 Jan 31 j 04:28	10°♑04'22	3°51'09
minimum elong	-4195 Jan 31 j 07:01	9°♑59'15	3°50'41
min. Earth dist.	-4195 Feb 03 j 13:42	7°♑22'29	0.58850 AU
morning rise	-4195 Feb 07 j 16:08	4°♑40'59	
direct	-4195 Feb 13 j 21:22	3°♑01'23	
desc. node	-4195 Feb 18 j 09:26	3°♑51'48	
morning max el	-4195 Feb 28 j 03:33	10°♑34'50	26°40'36
	-4195 Mar 15 j 03:07	0°♒	
morning set	-4195 Mar 29 j 17:54	27°♒01'00	
	-4195 Mar 31 j 03:54	0°♓	
asc. node	-4195 Apr 04 j 17:15	9°♓50'47	
superior conj	-4195 Apr 05 j 19:46	12°♓15'51	0°11'31
minimum elong	-4195 Apr 05 j 19:15	12°♓13'05	0°11'20
behind sun begin	-4195 Apr 05 j 15:46	11°♓53'56	
behind sun end	-4195 Apr 05 j 22:45	12°♓32'13	
max. Earth dist.	-4195 Apr 05 j 20:53	12°♓22'01	1.32603 AU
evening rise	-4195 Apr 12 j 20:53	27°♓26'16	
	-4195 Apr 14 j 02:36	0°♈	
	-4195 May 01 j 05:04	0°♉	
evening max el	-4195 May 12 j 07:19	13°♉24'25	26°30'08
desc. node	-4195 May 17 j 08:03	17°♉31'41	
retrograde	-4195 May 26 j 09:11	20°♉43'59	
evening set	-4195 Jun 01 j 19:18	18°♉58'49	
min. Earth dist.	-4195 Jun 05 j 20:33	16°♉17'37	0.59820 AU
inferior conj	-4195 Jun 09 j 05:33	13°♉35'44	-4°-17'00
minimum elong	-4195 Jun 09 j 04:57	13°♉36'57	4°16'53
morning rise	-4195 Jun 16 j 18:10	8°♉58'27	
direct	-4195 Jun 19 j 05:36	8°♉36'00	
morning max el	-4195 Jun 26 j 17:18	12°♉12'35	18°17'46

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4195 Jul 01 j 16:55	18°♉17'22		
	-4195 Jul 08 j 16:16	0°♊		
morning set	-4195 Jul 12 j 17:20	7°♊34'12		
superior conj	-4195 Jul 22 j 05:41	25°♊23'01	1°47'18	
minimum elong	-4195 Jul 22 j 07:19	25°♊30'25	1°47'26	
	-4195 Jul 24 j 19:08	0°♋		
max. Earth dist.	-4195 Jul 29 j 17:16	8°♋35'59	1.40690 AU	
evening rise	-4195 Aug 03 j 15:14	16°♋50'10		
	-4195 Aug 11 j 22:01	0°♌		
desc. node	-4195 Aug 13 j 07:06	2°♌06'37		
greatest brilliancy	-4195 Sep 01 j 10:30	28°♌50'40	-0.2m	
	-4195 Sep 02 j 09:31	0°♍		
evening max el	-4195 Sep 06 j 20:45	4°♍56'18	23°07'33	
retrograde	-4195 Sep 17 j 01:02	10°♍58'09		
evening set	-4195 Sep 21 j 21:08	8°♍58'52		
inferior conj	-4195 Sep 27 j 05:24	2°♍38'39	0°-9'-4	
minimum elong	-4195 Sep 27 j 05:36	2°♍37'57	0°08'54	
transit middle	-4195 Sep 27 j 05:36	2°♍37'57	0°08'54	
transit begin	-4195 Sep 27 j 03:20	2°♍45'45		
transit end	-4195 Sep 27 j 07:52	2°♍30'08		
min. Earth dist.	-4195 Sep 26 j 23:39	2°♍58'27	0.67416 AU	
asc. node	-4195 Sep 27 j 16:01	2°♍02'08		
	-4195 Sep 29 j 04:37	30°℞♌		
morning rise	-4195 Oct 02 j 14:03	26°♌24'14		
direct	-4195 Oct 06 j 19:22	24°♌45'45		
morning max el	-4195 Oct 15 j 16:56	0°♍02'11	21°37'44	
	-4195 Oct 15 j 16:04	0°♍		
greatest brilliancy	-4195 Oct 20 j 18:46	5°♍52'16	-0.4m	
	-4195 Nov 06 j 20:35	0°♎		
desc. node	-4195 Nov 09 j 06:59	3°♎41'44		
morning set	-4195 Nov 16 j 04:50	14°♎26'52		
max. Earth dist.	-4195 Nov 23 j 05:40	25°♎49'33	1.41871 AU	
	-4195 Nov 25 j 17:48	0°♏		
superior conj	-4195 Nov 30 j 17:25	8°♏30'49	-1°-48'-28	
minimum elong	-4195 Nov 30 j 14:02	8°♏16'08	1°48'25	
evening rise	-4195 Dec 11 j 15:52	28°♏07'23		
	-4195 Dec 12 j 16:30	0°♐		
asc. node	-4195 Dec 24 j 14:53	20°♐07'02		
evening max el	-4195 Dec 28 j 02:45	24°♐15'54	18°10'01	
retrograde	-4194 Jan 03 j 23:06	27°♐45'12		
evening set	-4194 Jan 06 j 13:26	27°♐15'38		
inferior conj	-4194 Jan 13 j 09:56	22°♐20'15	4°03'42	
minimum elong	-4194 Jan 13 j 09:41	22°♐20'49	4°03'31	
min. Earth dist.	-4194 Jan 16 j 13:51	19°♐25'29	0.60860 AU	
morning rise	-4194 Jan 20 j 03:20	16°♐39'05		
direct	-4194 Jan 27 j 00:39	14°♐23'00		
desc. node	-4194 Feb 05 j 06:31	17°♐55'20		
morning max el	-4194 Feb 10 j 03:13	22°♐03'41	27°29'15	
	-4194 Feb 17 j 03:46	0°♑		
	-4194 Mar 08 j 02:14	0°♒		
morning set	-4194 Mar 14 j 01:31	11°♒47'37		
max. Earth dist.	-4194 Mar 20 j 09:43	25°♒17'42	1.32634 AU	
superior conj	-4194 Mar 21 j 07:12	27°♒14'48	0°-13'-28	
minimum elong	-4194 Mar 21 j 07:48	27°♒18'08	0°13'28	
behind sun begin	-4194 Mar 21 j 05:09	27°♒03'38		
behind sun end	-4194 Mar 21 j 10:27	27°♒32'37		
asc. node	-4194 Mar 22 j 14:14	0°♓04'21		
	-4194 Mar 22 j 13:26	0°♓		
evening rise	-4194 Mar 28 j 07:25	12°♓23'36		
	-4194 Apr 06 j 07:51	0°♈		
evening max el	-4194 Apr 24 j 03:02	24°♈39'38	25°18'02	
	-4194 May 01 j 06:52	0°♉		
desc. node	-4194 May 04 j 05:11	1°♉12'50		
retrograde	-4194 May 08 j 04:42	1°♉49'58		
evening set	-4194 May 13 j 12:53	0°♉43'25		
	-4194 May 15 j 02:47	30°℞♈		
min. Earth dist.	-4194 May 18 j 15:28	27°♈53'45	0.57838 AU	
inferior conj	-4194 May 21 j 18:55	25°♈43'14	-3°-54'-22	
minimum elong	-4194 May 21 j 14:51	25°♈50'22	3°53'43	
morning rise	-4194 May 29 j 20:53	21°♈26'48		
direct	-4194 Jun 01 j 07:58	21°♈08'18		
morning max el	-4194 Jun 09 j 21:38	25°♈09'29	18°56'58	
	-4194 Jun 14 j 02:47	0°♉		
asc. node	-4194 Jun 18 j 13:55	6°♉49'37		
morning set	-4194 Jun 26 j 12:06	21°♉34'08		
	-4194 Jun 30 j 18:54	0°♊		
superior conj	-4194 Jul 05 j 02:21	8°♊21'56	1°48'36	
minimum elong	-4194 Jul 05 j 01:39	8°♊18'34	1°48'46	
max. Earth dist.	-4194 Jul 11 j 19:11	20°♊48'29	1.38742 AU	
evening rise	-4194 Jul 15 j 18:57	27°♊50'14		
	-4194 Jul 17 j 01:12	0°♋		
desc. node	-4194 Jul 31 j 04:05	22°♋27'33		
	-4194 Aug 05 j 09:38	0°♌		
evening max el	-4194 Aug 20 j 08:23	18°♌25'04	24°27'54	
retrograde	-4194 Aug 31 j 14:56	25°♌01'16		
evening set	-4194 Sep 06 j 02:04	22°♌42'36		
inferior conj	-4194 Sep 11 j 11:11	16°♌22'26	-1°-2'-23	
minimum elong	-4194 Sep 11 j 12:38	16°♌17'33	1°01'39	
min. Earth dist.	-4194 Sep 10 j 18:58	17°♌16'52	0.67217 AU	
asc. node	-4194 Sep 14 j 13:07	12°♌29'14		
morning rise	-4194 Sep 16 j 23:29	10°♌14'15		
direct	-4194 Sep 20 j 16:27	8°♌55'17		
morning max el	-4194 Sep 28 j 14:13	13°♌32'07	20°23'20	
greatest brilliancy	-4194 Oct 05 j 05:15	21°♌33'40	-0.6m	
	-4194 Oct 11 j 04:36	0°♍		
morning set	-4194 Oct 26 j 04:23	22°♍41'11		
desc. node	-4194 Oct 27 j 03:55	24°♍12'29		
	-4194 Oct 30 j 20:48	0°♎		
max. Earth dist.	-4194 Nov 05 j 14:25	9°♎06'49	1.43484 AU	
superior conj	-4194 Nov 11 j 11:00	18°♎39'07	-1°-27'-14	
minimum elong	-4194 Nov 11 j 04:27	18°♎12'06	1°26'41	
	-4194 Nov 18 j 05:14	0°♏		
evening rise	-4194 Nov 24 j 03:25	10°♏13'46		
	-4194 Dec 05 j 20:35	0°♐		
asc. node	-4194 Dec 11 j 11:58	7°♐21'02		
evening max el	-4194 Dec 11 j 14:56	7°♐28'37	18°10'37	
retrograde	-4194 Dec 18 j 04:22	10°♐57'55		
evening set	-4194 Dec 20 j 21:49	10°♐20'32		
inferior conj	-4194 Dec 27 j 07:22	5°♐03'47	3°52'52	
minimum elong	-4194 Dec 27 j 05:10	5°♐09'32	3°52'26	
min. Earth dist.	-4194 Dec 29 j 22:41	2°♐18'14	0.62760 AU	
	-4193 Jan 01 j 09:33	30°℞♏		
morning rise	-4193 Jan 02 j 10:42	29°♏09'35		
direct	-4193 Jan 09 j 12:22	26°♏29'07		
	-4193 Jan 18 j 11:13	0°♐		
desc. node	-4193 Jan 23 j 03:35	4°♐00'04		
morning max el	-4193 Jan 23 j 08:39	4°♐12'29	27°42'05	
	-4193 Feb 11 j 17:42	0°♑		
morning set	-4193 Feb 26 j 03:41	26°♑14'22		
	-4193 Feb 27 j 23:55	0°♒		
max. Earth dist.	-4193 Mar 03 j 18:32	7°♒56'20	1.33026 AU	
superior conj	-4193 Mar 05 j 16:41	12°♒04'13	0°-38'-24	
minimum elong	-4193 Mar 05 j 18:23	12°♒13'23	0°38'13	
asc. node	-4193 Mar 09 j 11:14	20°♒14'01		
evening rise	-4193 Mar 12 j 19:02	27°♒20'11		
	-4193 Mar 14 j 01:39	0°♓		
	-4193 Mar 31 j 20:17	0°♈		
evening max el	-4193 Apr 05 j 19:06	5°♈27'03	23°48'00	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-4193 Apr 19 j 11:48	12°♈16'45	
desc. node	-4193 Apr 21 j 02:20	12°♈10'58	
evening set	-4193 Apr 23 j 12:15	11°♈41'08	
min. Earth dist.	-4193 Apr 30 j 06:32	8°♈30'09	0.56221 AU
inferior conj	-4193 May 02 j 12:10	7°♈08'39	-2°-53'-37
minimum elong	-4193 May 02 j 06:18	7°♈17'38	2°52'06
morning rise	-4193 May 11 j 04:00	3°♈07'55	
direct	-4193 May 13 j 15:36	2°♈52'06	
morning max el	-4193 May 23 j 16:55	7°♈32'19	19°56'37
asc. node	-4193 Jun 05 j 10:54	25°♈56'12	
	-4193 Jun 07 j 14:04	0°♉	
morning set	-4193 Jun 10 j 14:35	6°♉00'02	
superior conj	-4193 Jun 18 j 13:22	22°♉06'06	1°41'22
minimum elong	-4193 Jun 18 j 11:15	21°♉55'32	1°41'23
	-4193 Jun 22 j 13:59	0°♊	
max. Earth dist.	-4193 Jun 23 j 22:58	2°♊37'37	1.36887 AU
evening rise	-4193 Jun 27 j 22:44	10°♊02'02	
	-4193 Jul 09 j 17:22	0°♋	
desc. node	-4193 Jul 18 j 01:07	12°♋30'18	
	-4193 Jul 31 j 21:38	0°♌	
evening max el	-4193 Aug 02 j 19:02	1°♌55'56	25°41'34
retrograde	-4193 Aug 15 j 00:22	8°♌58'08	
evening set	-4193 Aug 21 j 02:36	6°♌22'43	
min. Earth dist.	-4193 Aug 25 j 10:43	1°♌34'30	0.66693 AU
inferior conj	-4193 Aug 26 j 14:21	0°♌05'53	-1°-54'-12
minimum elong	-4193 Aug 26 j 16:57	29°♋57'33	1°53'04
	-4193 Aug 26 j 16:11	30°℞♋	
morning rise	-4193 Sep 01 j 07:53	24°♋07'14	
asc. node	-4193 Sep 01 j 10:12	24°♋03'38	
direct	-4193 Sep 04 j 14:37	23°♋04'56	
morning max el	-4193 Sep 11 j 18:42	27°♋10'31	19°22'07
	-4193 Sep 14 j 07:00	0°♌	
greatest brilliancy	-4193 Sep 21 j 18:08	10°♌17'47	-0.7m
	-4193 Oct 04 j 13:07	0°♍	
morning set	-4193 Oct 05 j 08:19	1°♍14'59	
desc. node	-4193 Oct 14 j 00:49	14°♍51'04	
max. Earth dist.	-4193 Oct 19 j 05:26	23°♍02'02	1.44508 AU
superior conj	-4193 Oct 22 j 01:44	27°♍33'04	0°-49'-29
minimum elong	-4193 Oct 21 j 19:55	27°♍09'55	0°48'47
	-4193 Oct 23 j 14:35	0°♎	
evening rise	-4193 Nov 05 j 18:05	21°♎24'02	
	-4193 Nov 10 j 22:32	0°♏	
evening max el	-4193 Nov 25 j 03:26	20°♏49'57	18°29'52
asc. node	-4193 Nov 28 j 09:03	23°♏28'42	
retrograde	-4193 Dec 01 j 18:18	24°♏29'58	
evening set	-4193 Dec 04 j 16:06	23°♏43'16	
inferior conj	-4193 Dec 10 j 17:00	18°♏07'35	3°26'04
minimum elong	-4193 Dec 10 j 13:55	18°♏16'33	3°25'15
min. Earth dist.	-4193 Dec 12 j 17:36	15°♏46'34	0.64372 AU
morning rise	-4193 Dec 16 j 10:27	12°♏03'27	
direct	-4193 Dec 23 j 07:10	9°♏13'33	
morning max el	-4192 Jan 05 j 17:41	16°♏54'29	27°19'51
desc. node	-4192 Jan 10 j 00:37	21°♏32'12	
	-4192 Jan 16 j 16:59	0°♐	
	-4192 Feb 04 j 12:05	0°♑	
morning set	-4192 Feb 09 j 21:37	10°♑12'17	
max. Earth dist.	-4192 Feb 14 j 19:28	20°♑05'40	1.33815 AU
superior conj	-4192 Feb 17 j 22:26	26°♑38'00	-1°-2'-17
minimum elong	-4192 Feb 18 j 01:02	26°♑51'47	1°02'01
	-4192 Feb 19 j 12:29	0°♒	
asc. node	-4192 Feb 24 j 08:14	10°♒15'41	
evening rise	-4192 Feb 25 j 06:00	12°♒09'50	
	-4192 Mar 05 j 12:03	0°♓	
evening max el	-4192 Mar 17 j 13:10	16°♓12'25	22°14'07
retrograde	-4192 Mar 30 j 07:13	22°♓24'35	
evening set	-4192 Apr 02 j 05:11	22°♓05'48	
desc. node	-4192 Apr 06 j 23:28	20°♓24'29	
min. Earth dist.	-4192 Apr 10 j 20:34	18°♓20'45	0.55292 AU
inferior conj	-4192 Apr 11 j 13:02	17°♓57'27	-1°-14'-58
minimum elong	-4192 Apr 11 j 09:39	18°♓02'14	1°13'53
morning rise	-4192 Apr 20 j 15:49	13°♓59'48	
direct	-4192 Apr 23 j 07:39	13°♓43'46	
morning max el	-4192 May 05 j 01:35	19°♓15'08	21°15'30
	-4192 May 13 j 16:25	0°♈	
asc. node	-4192 May 22 j 07:54	15°♈28'44	
morning set	-4192 May 24 j 22:20	20°♈45'10	
	-4192 May 29 j 08:52	0°♉	
superior conj	-4192 Jun 01 j 10:35	6°♉23'40	1°27'56
minimum elong	-4192 Jun 01 j 07:55	6°♉09'52	1°27'44
max. Earth dist.	-4192 Jun 05 j 10:01	14°♉29'03	1.35308 AU
evening rise	-4192 Jun 09 j 21:30	23°♉12'38	
	-4192 Jun 13 j 13:24	0°♊	
	-4192 Jul 02 j 08:49	0°♋	
desc. node	-4192 Jul 03 j 22:10	2°♋07'04	
evening max el	-4192 Jul 15 j 06:05	15°♋25'09	26°40'22
retrograde	-4192 Jul 28 j 05:03	22°♋43'09	
evening set	-4192 Aug 03 j 20:35	19°♋57'22	
min. Earth dist.	-4192 Aug 07 j 20:38	15°♋47'57	0.65814 AU
inferior conj	-4192 Aug 09 j 12:58	13°♋46'50	-2°-42'-35
minimum elong	-4192 Aug 09 j 16:25	13°♋36'28	2°41'19
morning rise	-4192 Aug 15 j 13:18	8°♋00'53	
asc. node	-4192 Aug 18 j 07:17	7°♋12'13	
direct	-4192 Aug 18 j 12:05	7°♋11'59	
morning max el	-4192 Aug 25 j 05:02	10°♋55'11	18°36'19
	-4192 Sep 07 j 15:57	0°♌	
morning set	-4192 Sep 14 j 11:00	10°♌57'09	
	-4192 Sep 26 j 09:05	0°♍	
desc. node	-4192 Sep 29 j 21:43	5°♍34'08	
superior conj	-4192 Sep 30 j 01:33	5°♍49'15	0°-1'00
minimum elong	-4192 Sep 30 j 01:25	5°♍48'44	0°00'55
behind sun begin	-4192 Sep 29 j 14:03	5°♍03'55	
behind sun end	-4192 Sep 30 j 12:46	6°♍33'32	
max. Earth dist.	-4192 Sep 30 j 23:06	7°♍14'12	1.44826 AU
	-4192 Oct 15 j 09:18	0°♎	
evening rise	-4192 Oct 16 j 08:08	1°♎30'35	
	-4192 Nov 03 j 23:22	0°♏	
evening max el	-4192 Nov 07 j 13:44	4°♏15'37	19°06'39
asc. node	-4192 Nov 14 j 06:10	8°♏14'44	
retrograde	-4192 Nov 14 j 13:14	8°♏15'14	
evening set	-4192 Nov 17 j 17:15	7°♏17'08	
inferior conj	-4192 Nov 23 j 11:31	1°♏25'45	2°48'28
minimum elong	-4192 Nov 23 j 08:24	1°♏35'33	2°47'27
	-4192 Nov 24 j 14:46	30°℞♎	
min. Earth dist.	-4192 Nov 24 j 22:01	29°♎37'23	0.65633 AU
morning rise	-4192 Nov 28 j 22:37	25°♎14'21	
direct	-4192 Dec 05 j 08:26	22°♎28'27	
morning max el	-4192 Dec 18 j 03:28	29°♎57'09	26°28'03
	-4192 Dec 18 j 04:36	0°♏	
desc. node	-4192 Dec 26 j 21:38	10°♏06'02	
	-4191 Jan 09 j 14:53	0°♐	
morning set	-4191 Jan 23 j 03:34	23°♐29'21	
	-4191 Jan 26 j 12:58	0°♑	
max. Earth dist.	-4191 Jan 27 j 09:11	1°♑39'21	1.35049 AU
superior conj	-4191 Jan 31 j 22:10	10°♑48'49	-1°-23'-48
minimum elong	-4191 Feb 01 j 01:16	11°♑04'43	1°23'35
evening rise	-4191 Feb 08 j 14:29	26°♑45'59	
asc. node	-4191 Feb 10 j 05:16	0°♒04'11	
	-4191 Feb 10 j 04:27	0°♒	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4191 Feb 27 j 15:09	27°♒20'29	20°48'35
	-4191 Mar 02 j 21:25	0°♓	
retrograde	-4191 Mar 10 j 20:56	2°♓41'43	
evening set	-4191 Mar 13 j 06:05	2°♓28'14	
	-4191 Mar 19 j 16:32	30°℞♒	
inferior conj	-4191 Mar 22 j 08:25	28°♒30'30	0°41'29
minimum elong	-4191 Mar 22 j 10:17	28°♒27'49	0°40'44
min. Earth dist.	-4191 Mar 23 j 10:49	27°♒52'31	0.55274 AU
desc. node	-4191 Mar 24 j 20:38	27°♒04'53	
morning rise	-4191 Mar 31 j 13:03	24°♒17'23	
direct	-4191 Apr 03 j 19:43	23°♒53'59	
	-4191 Apr 16 j 16:19	0°♓	
morning max el	-4191 Apr 17 j 00:00	0°♓17'58	22°49'08
	-4191 May 06 j 14:28	0°♈	
morning set	-4191 May 09 j 09:12	5°♈41'43	
asc. node	-4191 May 09 j 04:54	5°♈19'19	
superior conj	-4191 May 16 j 14:43	21°♈03'18	1°10'00
minimum elong	-4191 May 16 j 12:09	20°♈49'39	1°09'39
max. Earth dist.	-4191 May 19 j 06:52	26°♈40'57	1.34088 AU
	-4191 May 20 j 21:22	0°♉	
evening rise	-4191 May 24 j 10:05	7°♉06'04	
	-4191 Jun 06 j 03:11	0°♊	
desc. node	-4191 Jun 20 j 19:15	21°♊05'58	
evening max el	-4191 Jun 27 j 17:17	28°♊43'34	27°16'47
	-4191 Jun 29 j 02:07	0°♋	
retrograde	-4191 Jul 11 j 04:29	6°♋07'50	
evening set	-4191 Jul 18 j 05:12	3°♋22'00	
	-4191 Jul 21 j 18:46	30°℞♊	
min. Earth dist.	-4191 Jul 21 j 22:37	29°♊49'40	0.64551 AU
inferior conj	-4191 Jul 24 j 04:45	27°♊20'48	-3°-25'-7
minimum elong	-4191 Jul 24 j 08:30	27°♊10'30	3°24'02
morning rise	-4191 Jul 30 j 13:21	21°♊50'34	
direct	-4191 Aug 02 j 06:30	21°♊11'53	
asc. node	-4191 Aug 05 j 04:22	21°♊56'01	
morning max el	-4191 Aug 08 j 18:56	24°♊41'19	18°07'27
	-4191 Aug 13 j 03:14	0°♋	
morning set	-4191 Aug 26 j 17:05	21°♋58'02	
	-4191 Aug 31 j 12:00	0°♌	
superior conj	-4191 Sep 09 j 08:49	14°♌31'24	0°45'56
minimum elong	-4191 Sep 09 j 13:49	14°♌51'32	0°45'28
max. Earth dist.	-4191 Sep 13 j 16:24	21°♌25'23	1.44419 AU
desc. node	-4191 Sep 16 j 18:40	26°♌18'52	
	-4191 Sep 19 j 03:00	0°♍	
evening rise	-4191 Sep 25 j 23:00	10°♍38'09	
	-4191 Oct 08 j 14:50	0°♎	
greatest brilliancy	-4191 Oct 14 j 11:53	8°♎33'23	-0.6m
evening max el	-4191 Oct 21 j 19:43	17°♎42'44	19°59'19
retrograde	-4191 Oct 29 j 10:16	22°♎09'39	
asc. node	-4191 Nov 01 j 03:17	21°♎27'01	
evening set	-4191 Nov 01 j 22:44	20°♎57'29	
inferior conj	-4191 Nov 07 j 12:09	14°♎53'44	2°03'38
minimum elong	-4191 Nov 07 j 09:34	15°♎02'16	2°02'40
min. Earth dist.	-4191 Nov 08 j 09:59	13°♎41'19	0.66543 AU
morning rise	-4191 Nov 12 j 19:46	8°♎37'54	
direct	-4191 Nov 18 j 15:27	6°♎05'52	
morning max el	-4191 Nov 30 j 12:24	13°♎08'46	25°15'16
desc. node	-4191 Dec 13 j 18:37	29°♎23'21	
	-4191 Dec 14 j 05:08	0°♏	
	-4190 Jan 02 j 09:01	0°♐	
morning set	-4190 Jan 05 j 16:35	5°♐51'06	
max. Earth dist.	-4190 Jan 09 j 11:28	12°♐47'36	1.36719 AU
superior conj	-4190 Jan 15 j 13:03	24°♐28'31	-1°-41'-12
minimum elong	-4190 Jan 15 j 15:55	24°♐42'40	1°41'10
	-4190 Jan 18 j 07:28	0°♑	

evening rise	-4190 Jan 23 j 18:29	11°♑02'38	
asc. node	-4190 Jan 28 j 02:20	19°♑34'10	
	-4190 Feb 03 j 00:51	0°♒	
evening max el	-4190 Feb 10 j 03:44	9°♒04'08	19°38'57
retrograde	-4190 Feb 19 j 16:56	13°♒35'48	
evening set	-4190 Feb 22 j 00:44	13°♒20'56	
inferior conj	-4190 Mar 02 j 12:30	9°♒17'02	2°23'13
minimum elong	-4190 Mar 02 j 17:26	9°♒09'09	2°21'41
min. Earth dist.	-4190 Mar 05 j 01:26	7°♒40'36	0.56174 AU
morning rise	-4190 Mar 11 j 06:41	4°♒36'01	
desc. node	-4190 Mar 11 j 17:47	4°♒27'30	
direct	-4190 Mar 15 j 16:16	3°♒52'31	
morning max el	-4190 Mar 29 j 15:47	10°♒55'35	24°28'06
	-4190 Apr 13 j 00:23	0°♓	
morning set	-4190 Apr 23 j 21:24	20°♓43'50	
asc. node	-4190 Apr 26 j 01:55	25°♓22'25	
	-4190 Apr 28 j 05:25	0°♈	
superior conj	-4190 Apr 30 j 23:17	5°♈56'49	0°48'52
minimum elong	-4190 Apr 30 j 21:17	5°♈46'02	0°48'29
max. Earth dist.	-4190 May 02 j 12:39	9°♈18'10	1.33242 AU
evening rise	-4190 May 08 j 08:25	21°♈29'47	
	-4190 May 12 j 16:14	0°♉	
	-4190 May 31 j 02:33	0°♊	
desc. node	-4190 Jun 07 j 16:23	9°♊10'54	
evening max el	-4190 Jun 10 j 02:51	11°♊39'01	27°24'20
retrograde	-4190 Jun 23 j 21:45	19°♊03'00	
evening set	-4190 Jul 01 j 00:58	16°♊30'29	
min. Earth dist.	-4190 Jul 04 j 15:08	13°♊28'38	0.62919 AU
inferior conj	-4190 Jul 07 j 10:52	10°♊41'39	-3°-58'-13
minimum elong	-4190 Jul 07 j 13:58	10°♊33'58	3°57'35
morning rise	-4190 Jul 14 j 05:11	5°♊30'09	
direct	-4190 Jul 16 j 18:55	4°♊59'02	
asc. node	-4190 Jul 23 j 01:27	8°♊03'08	
morning max el	-4190 Jul 23 j 09:45	8°♊23'09	17°56'32
	-4190 Aug 06 j 14:59	0°♋	
morning set	-4190 Aug 08 j 22:44	4°♋06'22	
superior conj	-4190 Aug 20 j 16:17	24°♋25'39	1°21'07
minimum elong	-4190 Aug 20 j 21:50	24°♋49'00	1°20'45
	-4190 Aug 24 j 00:39	0°♌	
max. Earth dist.	-4190 Aug 27 j 06:43	5°♌18'44	1.43350 AU
desc. node	-4190 Sep 03 j 15:37	17°♌01'39	
evening rise	-4190 Sep 05 j 02:54	19°♌19'06	
	-4190 Sep 12 j 02:13	0°♍	
greatest brilliancy	-4190 Sep 29 j 08:53	24°♍45'24	-0.5m
	-4190 Oct 03 j 17:48	0°♎	
evening max el	-4190 Oct 04 j 19:51	1°♎09'00	21°05'24
retrograde	-4190 Oct 13 j 07:09	6°♎09'49	
evening set	-4190 Oct 17 j 06:24	4°♎40'46	
asc. node	-4190 Oct 19 j 00:25	3°♎05'10	
	-4190 Oct 21 j 13:25	30°℞♍	
inferior conj	-4190 Oct 22 j 16:35	28°♍27'56	1°14'02
minimum elong	-4190 Oct 22 j 14:56	28°♍33'36	1°13'23
min. Earth dist.	-4190 Oct 23 j 03:06	27°♍51'59	0.67127 AU
morning rise	-4190 Oct 27 j 23:05	22°♍10'30	
direct	-4190 Nov 02 j 03:25	19°♍58'12	
morning max el	-4190 Nov 12 j 21:10	26°♍22'53	23°51'08
	-4190 Nov 16 j 05:11	0°♎	
desc. node	-4190 Nov 30 j 15:34	19°♎10'45	
	-4190 Dec 07 j 19:56	0°♏	
morning set	-4190 Dec 18 j 06:26	16°♏59'54	
max. Earth dist.	-4190 Dec 22 j 07:33	24°♏01'47	1.38708 AU
	-4190 Dec 25 j 15:15	0°♐	
superior conj	-4190 Dec 29 j 15:12	7°♐25'32	-1°-52'-10
minimum elong	-4190 Dec 29 j 16:41	7°♐32'36	1°52'19

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-4189 Jan 07 j 15:28	24°♐52'25		
	-4189 Jan 10 j 06:57	0°♑		
asc. node	-4189 Jan 14 j 23:23	8°♑38'18		
evening max el	-4189 Jan 24 j 02:07	21°♑21'46	18°48'33	
retrograde	-4189 Feb 01 j 05:31	25°♑17'18		
evening set	-4189 Feb 03 j 15:46	24°♑57'45		
inferior conj	-4189 Feb 11 j 10:44	20°♑36'17	3°29'46	
minimum elong	-4189 Feb 11 j 14:49	20°♑28'47	3°28'54	
min. Earth dist.	-4189 Feb 14 j 17:20	18°♑12'56	0.57763 AU	
morning rise	-4189 Feb 19 j 10:10	15°♑26'53		
direct	-4189 Feb 25 j 01:19	14°♑09'56		
desc. node	-4189 Feb 26 j 14:54	14°♑15'55		
morning max el	-4189 Mar 11 j 07:08	21°♑34'52	25°58'31	
	-4189 Mar 18 j 15:39	0°♒		
	-4189 Apr 05 j 14:02	0°♓		
morning set	-4189 Apr 08 j 09:15	5°♓45'27		
asc. node	-4189 Apr 12 j 22:55	15°♓33'11		
superior conj	-4189 Apr 15 j 10:19	20°♓57'29	0°25'33	
minimum elong	-4189 Apr 15 j 09:12	20°♓51'26	0°25'17	
max. Earth dist.	-4189 Apr 16 j 00:14	22°♓13'28	1.32741 AU	
	-4189 Apr 19 j 14:26	0°♈		
evening rise	-4189 Apr 22 j 13:22	6°♈13'19		
	-4189 May 05 j 06:44	0°♉		
evening max el	-4189 May 23 j 08:11	23°♉59'18	26°59'15	
desc. node	-4189 May 25 j 13:31	25°♉59'13		
	-4189 May 31 j 15:52	0°♊		
retrograde	-4189 Jun 06 j 07:49	1°♊20'25		
	-4189 Jun 11 j 18:43	30°℞♉		
evening set	-4189 Jun 13 j 03:47	29°♉14'48		
min. Earth dist.	-4189 Jun 16 j 21:41	26°♉31'05	0.60994 AU	
inferior conj	-4189 Jun 20 j 03:59	23°♉41'36	-4°-16'-23	
minimum elong	-4189 Jun 20 j 05:08	23°♉39'05	4°16'12	
morning rise	-4189 Jun 27 j 09:28	18°♉51'25		
direct	-4189 Jun 29 j 21:34	18°♉26'02		
morning max el	-4189 Jul 06 j 22:47	21°♉54'31	18°04'27	
asc. node	-4189 Jul 09 j 22:30	25°♉18'07		
	-4189 Jul 13 j 04:56	0°♊		
morning set	-4189 Jul 22 j 22:27	17°♊07'38		
	-4189 Jul 29 j 22:41	0°♋		
superior conj	-4189 Aug 02 j 03:16	5°♋42'17	1°41'36	
minimum elong	-4189 Aug 02 j 06:30	5°♋56'34	1°41'35	
max. Earth dist.	-4189 Aug 09 j 16:03	18°♋39'07	1.41757 AU	
evening rise	-4189 Aug 15 j 15:56	28°♋27'17		
	-4189 Aug 16 j 15:10	0°♌		
desc. node	-4189 Aug 21 j 12:36	7°♌39'34		
	-4189 Sep 05 j 18:28	0°♍		
greatest brilliancy	-4189 Sep 12 j 20:22	9°♍15'22	-0.3m	
evening max el	-4189 Sep 17 j 13:51	14°♍34'44	22°21'17	
retrograde	-4189 Sep 27 j 02:19	20°♍13'52		
evening set	-4189 Oct 01 j 14:25	18°♍25'46		
asc. node	-4189 Oct 05 j 21:32	13°♍34'22		
inferior conj	-4189 Oct 06 j 22:55	12°♍07'14	0°21'41	
minimum elong	-4189 Oct 06 j 22:25	12°♍08'58	0°21'32	
min. Earth dist.	-4189 Oct 06 j 22:57	12°♍07'08	0.67400 AU	
morning rise	-4189 Oct 12 j 06:18	5°♍51'01		
direct	-4189 Oct 16 j 19:37	4°♍00'29		
morning max el	-4189 Oct 26 j 08:45	9°♍41'21	22°25'03	
greatest brilliancy	-4189 Oct 31 j 01:44	15°♍00'04	-0.3m	
	-4189 Nov 11 j 04:34	0°♎		
desc. node	-4189 Nov 17 j 12:30	9°♎19'53		
morning set	-4189 Nov 28 j 16:10	26°♎45'32		
	-4189 Nov 30 j 15:47	0°♏		
max. Earth dist.	-4189 Dec 04 j 05:31	5°♏57'14	1.40773 AU	
superior conj	-4189 Dec 11 j 23:41	19°♏27'15	-1°-53'-31	
minimum elong	-4189 Dec 11 j 22:24	19°♏21'31	1°53'38	
	-4189 Dec 17 j 18:08	0°♐		
evening rise	-4189 Dec 22 j 02:32	8°♐08'41		
asc. node	-4188 Jan 01 j 20:27	27°♐08'25		
	-4188 Jan 03 j 20:01	0°♑		
evening max el	-4188 Jan 07 j 08:03	4°♑06'51	18°18'16	
retrograde	-4188 Jan 14 j 12:44	7°♑41'57		
evening set	-4188 Jan 17 j 01:31	7°♑16'21		
inferior conj	-4188 Jan 24 j 05:26	2°♑33'17	3°59'54	
minimum elong	-4188 Jan 24 j 06:45	2°♑30'28	3°59'38	
	-4188 Jan 27 j 05:17	30°℞♐		
min. Earth dist.	-4188 Jan 27 j 13:30	29°♐43'11	0.59707 AU	
morning rise	-4188 Jan 31 j 08:53	27°♐01'30		
direct	-4188 Feb 06 j 22:16	25°♐05'49		
desc. node	-4188 Feb 13 j 12:00	26°♐53'18		
	-4188 Feb 18 j 02:49	0°♑		
morning max el	-4188 Feb 21 j 03:24	2°♑42'25	27°05'34	
	-4188 Mar 11 j 23:24	0°♒		
morning set	-4188 Mar 22 j 18:57	20°♒39'51		
	-4188 Mar 27 j 04:15	0°♓		
superior conj	-4188 Mar 29 j 22:02	5°♓58'45	0°00'57	
minimum elong	-4188 Mar 29 j 22:00	5°♓58'33	0°00'51	
behind sun begin	-4188 Mar 29 j 17:01	5°♓31'13		
behind sun end	-4188 Mar 30 j 03:00	6°♓25'54		
max. Earth dist.	-4188 Mar 29 j 13:49	5°♓13'42	1.32575 AU	
asc. node	-4188 Mar 29 j 19:53	5°♓46'56		
evening rise	-4188 Apr 05 j 22:26	21°♓07'44		
	-4188 Apr 10 j 07:19	0°♈		
	-4188 Apr 29 j 03:06	0°♉		
evening max el	-4188 May 04 j 07:10	5°♉36'33	26°02'25	
desc. node	-4188 May 11 j 10:40	10°♉59'20		
retrograde	-4188 May 18 j 09:15	12°♉53'05		
evening set	-4188 May 24 j 09:52	11°♉24'10		
min. Earth dist.	-4188 May 28 j 19:45	8°♉41'36	0.58952 AU	
inferior conj	-4188 Jun 01 j 04:22	6°♉10'23	-4°-11'-32	
minimum elong	-4188 Jun 01 j 02:16	6°♉14'20	4°11'18	
morning rise	-4188 Jun 08 j 22:31	1°♉42'35		
direct	-4188 Jun 11 j 09:54	1°♉21'51		
morning max el	-4188 Jun 19 j 07:10	5°♉06'42	18°32'03	
asc. node	-4188 Jun 25 j 19:31	13°♉25'38		
morning set	-4188 Jul 05 j 11:19	0°♊48'33		
	-4188 Jul 05 j 01:13	0°♊		
superior conj	-4188 Jul 14 j 13:19	18°♊08'31	1°49'04	
minimum elong	-4188 Jul 14 j 13:51	18°♊11'00	1°49'15	
	-4188 Jul 21 j 02:37	0°♋		
max. Earth dist.	-4188 Jul 21 j 19:38	1°♋14'26	1.39859 AU	
evening rise	-4188 Jul 26 j 04:17	8°♋41'55		
desc. node	-4188 Aug 07 j 09:36	28°♋07'58		
	-4188 Aug 08 j 15:29	0°♌		
evening max el	-4188 Aug 30 j 02:53	28°♌00'42	23°41'57	
	-4188 Sep 01 j 05:29	0°♍		
retrograde	-4188 Sep 09 j 18:31	4°♍18'13		
evening set	-4188 Sep 14 j 20:59	2°♍10'15		
	-4188 Sep 17 j 00:18	30°℞♌		
inferior conj	-4188 Sep 20 j 05:24	25°♌49'28	0°-31'-44	
minimum elong	-4188 Sep 20 j 06:08	25°♌46'57	0°31'20	
min. Earth dist.	-4188 Sep 19 j 19:10	26°♌24'24	0.67369 AU	
asc. node	-4188 Sep 21 j 18:38	23°♌44'25		
morning rise	-4188 Sep 25 j 15:25	19°♌37'30		
direct	-4188 Sep 29 j 15:09	18°♌07'51		
morning max el	-4188 Oct 08 j 02:04	23°♌06'40	21°04'44	
greatest brilliancy	-4188 Oct 13 j 16:27	29°♌40'09	-0.5m	
	-4188 Oct 13 j 22:36	0°♍		
desc. node	-4188 Nov 03 j 09:26	29°♍44'09		
	-4188 Nov 03 j 13:33	0°♎		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4188 Nov 07 j 00:03	5°♎20'19	
max. Earth dist.	-4188 Nov 15 j 09:49	18°♎45'14	1.42615 AU
superior conj	-4188 Nov 22 j 08:49	0°♏19'49	-1°-41'-30
minimum elong	-4188 Nov 22 j 03:52	29°♎58'51	1°41'15
	-4188 Nov 22 j 04:08	0°♏	
evening rise	-4188 Dec 03 j 23:58	20°♏43'35	
	-4188 Dec 09 j 04:45	0°♐	
asc. node	-4188 Dec 18 j 17:30	14°♐54'10	
evening max el	-4188 Dec 20 j 18:47	17°♐11'55	18°07'52
retrograde	-4188 Dec 27 j 11:17	20°♐40'11	
evening set	-4188 Dec 30 j 02:41	20°♐07'35	
inferior conj	-4187 Jan 05 j 18:14	15°♐02'51	4°01'30
minimum elong	-4187 Jan 05 j 17:02	15°♐05'48	4°01'14
min. Earth dist.	-4187 Jan 08 j 17:18	12°♐09'28	0.61690 AU
morning rise	-4187 Jan 12 j 05:04	9°♐15'18	
direct	-4187 Jan 19 j 05:23	6°♐47'05	
desc. node	-4187 Jan 30 j 09:03	11°♐53'28	
morning max el	-4187 Feb 02 j 06:01	14°♐30'11	27°39'13
	-4187 Feb 14 j 20:15	0°♑	
	-4187 Mar 04 j 08:52	0°♒	
morning set	-4187 Mar 07 j 00:35	5°♒19'54	
max. Earth dist.	-4187 Mar 13 j 01:27	18°♒04'30	1.32752 AU
superior conj	-4187 Mar 14 j 08:53	20°♒54'59	0°-24'-7
minimum elong	-4187 Mar 14 j 09:58	21°♒00'52	0°24'01
asc. node	-4187 Mar 16 j 16:53	25°♒59'49	
	-4187 Mar 18 j 13:09	0°♓	
evening rise	-4187 Mar 21 j 09:40	6°♓05'54	
	-4187 Apr 03 j 03:34	0°♈	
evening max el	-4187 Apr 16 j 00:34	16°♈37'00	24°41'04
desc. node	-4187 Apr 28 j 07:46	23°♈34'47	
retrograde	-4187 Apr 30 j 00:06	23°♈41'21	
evening set	-4187 May 04 j 18:52	22°♈49'21	
min. Earth dist.	-4187 May 10 j 12:42	19°♈51'53	0.57082 AU
inferior conj	-4187 May 13 j 09:07	18°♈00'13	-3°-33'-38
minimum elong	-4187 May 13 j 03:53	18°♈08'50	3°32'35
morning rise	-4187 May 21 j 17:06	13°♈51'48	
direct	-4187 May 24 j 04:02	13°♈34'48	
morning max el	-4187 Jun 02 j 08:03	17°♈50'47	19°19'54
	-4187 Jun 11 j 09:40	0°♉	
asc. node	-4187 Jun 12 j 16:32	2°♉13'43	
morning set	-4187 Jun 19 j 09:41	15°♉00'04	
	-4187 Jun 26 j 22:36	0°♊	
superior conj	-4187 Jun 27 j 16:41	1°♊28'23	1°46'26
minimum elong	-4187 Jun 27 j 15:16	1°♊21'28	1°46'33
max. Earth dist.	-4187 Jul 03 j 20:59	13°♊11'22	1.37924 AU
evening rise	-4187 Jul 07 j 18:45	20°♊13'34	
	-4187 Jul 13 j 11:53	0°♋	
desc. node	-4187 Jul 25 j 06:37	18°♋21'43	
	-4187 Aug 02 j 16:29	0°♌	
evening max el	-4187 Aug 12 j 13:38	11°♌29'30	25°00'33
retrograde	-4187 Aug 24 j 06:44	18°♌18'53	
evening set	-4187 Aug 30 j 00:18	15°♌52'31	
min. Earth dist.	-4187 Sep 03 j 13:20	10°♌42'19	0.67028 AU
inferior conj	-4187 Sep 04 j 10:17	9°♌33'04	-1°-24'-40
minimum elong	-4187 Sep 04 j 12:14	9°♌26'36	1°23'45
asc. node	-4187 Sep 08 j 15:44	4°♌34'26	
morning rise	-4187 Sep 10 j 00:36	3°♌28'26	
direct	-4187 Sep 13 j 12:50	2°♌17'07	
morning max el	-4187 Sep 21 j 02:29	6°♌40'04	19°55'30
greatest brilliancy	-4187 Sep 28 j 18:21	16°♌13'37	-0.6m
	-4187 Oct 08 j 02:31	0°♍	
morning set	-4187 Oct 16 j 22:25	13°♍34'06	
desc. node	-4187 Oct 21 j 06:21	20°♍18'29	
	-4187 Oct 27 j 10:07	0°♎	
max. Earth dist.	-4187 Oct 28 j 20:54	2°♎18'20	1.43992 AU
superior conj	-4187 Nov 02 j 14:29	9°♎54'40	-1°-13'-5
minimum elong	-4187 Nov 02 j 07:34	9°♎26'37	1°12'24
	-4187 Nov 14 j 16:39	0°♏	
evening rise	-4187 Nov 16 j 03:13	2°♏27'06	
	-4187 Dec 03 j 20:15	0°♐	
evening max el	-4187 Dec 04 j 07:27	0°♐29'15	18°16'38
asc. node	-4187 Dec 05 j 14:35	1°♐42'03	
retrograde	-4187 Dec 10 j 20:39	4°♐01'58	
evening set	-4187 Dec 13 j 15:41	3°♐20'58	
	-4187 Dec 17 j 22:49	30°℞♏	
inferior conj	-4187 Dec 19 j 21:20	27°♏56'09	3°43'06
minimum elong	-4187 Dec 19 j 18:38	28°♏03'32	3°42'30
min. Earth dist.	-4187 Dec 22 j 06:35	25°♏19'14	0.63483 AU
morning rise	-4187 Dec 25 j 19:58	21°♏57'18	
direct	-4186 Jan 01 j 20:32	19°♏10'36	
morning max el	-4186 Jan 15 j 13:17	26°♏54'33	27°36'36
desc. node	-4186 Jan 17 j 06:06	28°♏39'06	
	-4186 Jan 18 j 11:54	0°♐	
	-4186 Feb 08 j 10:12	0°♑	
morning set	-4186 Feb 18 j 23:39	19°♑35'55	
	-4186 Feb 24 j 01:16	0°♒	
max. Earth dist.	-4186 Feb 24 j 07:11	0°♒31'11	1.33308 AU
superior conj	-4186 Feb 26 j 17:03	5°♒38'54	0°-48'-44
minimum elong	-4186 Feb 26 j 19:10	5°♒50'14	0°48'29
asc. node	-4186 Mar 03 j 13:52	16°♒06'40	
evening rise	-4186 Mar 05 j 21:13	21°♒00'17	
	-4186 Mar 10 j 07:16	0°♓	
evening max el	-4186 Mar 28 j 16:47	27°♓20'29	23°07'44
	-4186 Mar 31 j 19:26	0°♈	
retrograde	-4186 Apr 11 j 02:05	3°♈56'17	
evening set	-4186 Apr 14 j 13:36	3°♈29'49	
desc. node	-4186 Apr 15 j 04:54	3°♈19'29	
min. Earth dist.	-4186 Apr 22 j 03:26	0°♈05'54	0.55725 AU
	-4186 Apr 22 j 07:30	30°℞♓	
inferior conj	-4186 Apr 23 j 18:33	29°♓08'41	-2°-15'-46
minimum elong	-4186 Apr 23 j 13:09	29°♓16'35	2°14'10
morning rise	-4186 May 02 j 15:40	25°♓10'50	
direct	-4186 May 05 j 04:06	24°♓55'30	
morning max el	-4186 May 15 j 22:56	29°♓57'05	20°27'56
	-4186 May 16 j 00:11	0°♈	
asc. node	-4186 May 30 j 13:33	21°♈32'11	
morning set	-4186 Jun 03 j 14:41	29°♈34'36	
	-4186 Jun 03 j 19:40	0°♉	
superior conj	-4186 Jun 11 j 08:29	15°♉27'47	1°36'19
minimum elong	-4186 Jun 11 j 06:02	15°♉15'22	1°36'14
max. Earth dist.	-4186 Jun 16 j 03:05	24°♉57'08	1.36176 AU
	-4186 Jun 18 j 18:24	0°♊	
evening rise	-4186 Jun 20 j 07:19	2°♊52'23	
	-4186 Jul 06 j 11:30	0°♋	
desc. node	-4186 Jul 12 j 03:38	8°♋14'20	
evening max el	-4186 Jul 26 j 00:32	25°♋00'56	26°09'01
	-4186 Aug 01 j 03:19	0°♌	
retrograde	-4186 Aug 07 j 14:18	2°♌11'12	
	-4186 Aug 13 j 08:01	30°℞♋	
evening set	-4186 Aug 13 j 22:22	29°♋30'41	
min. Earth dist.	-4186 Aug 18 j 03:01	24°♋58'37	0.66357 AU
inferior conj	-4186 Aug 19 j 11:48	23°♋16'05	-2°-15'-19
minimum elong	-4186 Aug 19 j 14:48	23°♋06'40	2°14'05
morning rise	-4186 Aug 25 j 08:00	17°♋22'08	
asc. node	-4186 Aug 26 j 12:51	16°♋47'12	
direct	-4186 Aug 28 j 11:04	16°♋25'53	
morning max el	-4186 Sep 04 j 09:37	20°♋21'07	19°00'37
	-4186 Sep 11 j 21:57	0°♌	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4186 Sep 26 j 10:37	22°♌33'14	
	-4186 Oct 01 j 03:50	0°♍	
desc. node	-4186 Oct 08 j 03:16	10°♍59'22	
max. Earth dist.	-4186 Oct 11 j 13:18	16°♍22'35	1.44729 AU
superior conj	-4186 Oct 12 j 20:39	18°♍26'18	0°-29'-36
minimum elong	-4186 Oct 12 j 16:51	18°♍11'18	0°29'05
	-4186 Oct 20 j 03:26	0°♎	
evening rise	-4186 Oct 28 j 07:41	13°♎10'36	
	-4186 Nov 07 j 17:28	0°♏	
evening max el	-4186 Nov 17 j 19:26	13°♏53'34	18°43'31
asc. node	-4186 Nov 22 j 11:42	17°♏17'13	
retrograde	-4186 Nov 24 j 13:01	17°♏40'29	
evening set	-4186 Nov 27 j 13:16	16°♏49'11	
inferior conj	-4186 Dec 03 j 11:08	11°♏06'39	3°11'11
minimum elong	-4186 Dec 03 j 07:57	11°♏16'15	3°10'16
min. Earth dist.	-4186 Dec 05 j 05:38	8°♏58'51	0.64956 AU
morning rise	-4186 Dec 09 j 01:31	4°♏59'22	
direct	-4186 Dec 15 j 18:21	2°♏09'32	
morning max el	-4186 Dec 28 j 22:42	9°♏46'12	27°00'54
desc. node	-4185 Jan 04 j 03:08	16°♏40'04	
	-4185 Jan 13 j 23:00	0°♐	
	-4185 Jan 31 j 19:31	0°♑	
morning set	-4185 Feb 02 j 13:01	3°♑17'52	
max. Earth dist.	-4185 Feb 07 j 03:29	12°♑24'36	1.34291 AU
superior conj	-4185 Feb 10 j 20:35	20°♑04'02	-1°-11'-46
minimum elong	-4185 Feb 10 j 23:27	20°♑19'06	1°11'31
	-4185 Feb 15 j 13:37	0°♒	
evening rise	-4185 Feb 18 j 07:22	5°♒44'59	
asc. node	-4185 Feb 18 j 10:53	6°♒03'13	
	-4185 Mar 03 j 17:01	0°♓	
evening max el	-4185 Mar 10 j 13:49	8°♓13'25	21°36'04
retrograde	-4185 Mar 22 j 17:19	14°♓03'54	
evening set	-4185 Mar 25 j 08:14	13°♓48'25	
desc. node	-4185 Apr 02 j 02:04	10°♓39'08	
inferior conj	-4185 Apr 03 j 15:22	9°♓47'05	0°-25'-48
minimum elong	-4185 Apr 03 j 14:09	9°♓48'47	0°25'28
min. Earth dist.	-4185 Apr 03 j 17:26	9°♓44'11	0.55178 AU
morning rise	-4185 Apr 12 j 20:22	5°♓45'00	
direct	-4185 Apr 15 j 17:16	5°♓26'48	
morning max el	-4185 Apr 28 j 02:50	11°♓21'08	21°53'53
	-4185 May 11 j 14:32	0°♈	
asc. node	-4185 May 17 j 10:33	11°♈12'59	
morning set	-4185 May 19 j 00:00	14°♈25'09	
superior conj	-4185 May 26 j 08:57	29°♈55'18	1°20'47
minimum elong	-4185 May 26 j 06:15	29°♈41'10	1°20'30
	-4185 May 26 j 09:51	0°♉	
max. Earth dist.	-4185 May 29 j 18:32	6°♉56'57	1.34750 AU
evening rise	-4185 Jun 03 j 12:33	16°♉22'42	
	-4185 Jun 10 j 22:30	0°♊	
desc. node	-4185 Jun 29 j 00:44	27°♊36'19	
	-4185 Jun 30 j 21:56	0°♋	
evening max el	-4185 Jul 08 j 12:00	8°♋27'16	26°59'08
retrograde	-4185 Jul 21 j 16:34	15°♋48'03	
evening set	-4185 Jul 28 j 12:42	13°♋01'04	
min. Earth dist.	-4185 Aug 01 j 09:48	9°♋07'47	0.65323 AU
inferior conj	-4185 Aug 03 j 07:49	6°♋54'24	-3°-1'-35
minimum elong	-4185 Aug 03 j 11:29	6°♋43'46	3°00'20
morning rise	-4185 Aug 09 j 11:28	1°♋14'36	
direct	-4185 Aug 12 j 07:41	0°♋30'15	
asc. node	-4185 Aug 13 j 09:58	0°♋36'48	
morning max el	-4185 Aug 18 j 21:43	4°♋06'18	18°21'56
	-4185 Sep 05 j 07:54	0°♌	
morning set	-4185 Sep 07 j 01:06	2°♌49'18	

superior conj	-4185 Sep 21 j 20:40	26°♌44'26	0°19'53
minimum elong	-4185 Sep 21 j 23:11	26°♌54'24	0°19'40
	-4185 Sep 23 j 22:05	0°♍	
max. Earth dist.	-4185 Sep 24 j 07:41	0°♍37'55	1.44742 AU
desc. node	-4185 Sep 25 j 00:12	1°♍43'04	
evening rise	-4185 Oct 08 j 11:07	22°♍49'43	
	-4185 Oct 13 j 01:09	0°♎	
greatest brilliancy	-4185 Oct 22 j 23:25	15°♎15'10	-0.7m
evening max el	-4185 Nov 01 j 04:09	27°♎19'43	19°27'16
	-4185 Nov 04 j 05:48	0°♏	
retrograde	-4185 Nov 08 j 09:07	1°♏29'46	
asc. node	-4185 Nov 09 j 08:50	1°♏24'07	
evening set	-4185 Nov 11 j 16:34	0°♏25'47	
	-4185 Nov 12 j 07:19	30°℞♎	
inferior conj	-4185 Nov 17 j 08:32	24°♎28'38	2°30'09
minimum elong	-4185 Nov 17 j 05:36	24°♎38'08	2°29'08
min. Earth dist.	-4185 Nov 18 j 13:23	22°♎55'42	0.66064 AU
morning rise	-4185 Nov 22 j 17:52	18°♎15'16	
direct	-4185 Nov 28 j 21:55	15°♎34'32	
morning max el	-4185 Dec 11 j 08:10	22°♎53'08	25°59'11
	-4185 Dec 17 j 16:15	0°♏	
desc. node	-4185 Dec 22 j 00:08	5°♏33'39	
	-4184 Jan 07 j 06:19	0°♐	
morning set	-4184 Jan 16 j 12:27	16°♐12'57	
max. Earth dist.	-4184 Jan 20 j 12:22	23°♐45'59	1.35714 AU
	-4184 Jan 23 j 16:38	0°♑	
superior conj	-4184 Jan 25 j 16:58	4°♑02'40	-1°-31'-47
minimum elong	-4184 Jan 25 j 20:04	4°♑18'24	1°31'39
evening rise	-4184 Feb 02 j 14:14	20°♑13'49	
asc. node	-4184 Feb 05 j 07:55	25°♑44'38	
	-4184 Feb 07 j 12:33	0°♒	
evening max el	-4184 Feb 20 j 20:11	19°♒35'56	20°16'41
retrograde	-4184 Mar 02 j 08:19	24°♒35'13	
evening set	-4184 Mar 04 j 16:08	24°♒21'35	
inferior conj	-4184 Mar 13 j 12:52	20°♒22'40	1°28'07
minimum elong	-4184 Mar 13 j 16:32	20°♒17'12	1°26'48
min. Earth dist.	-4184 Mar 15 j 07:29	19°♒19'25	0.55557 AU
desc. node	-4184 Mar 18 j 23:13	17°♒20'58	
morning rise	-4184 Mar 22 j 14:35	15°♒58'59	
direct	-4184 Mar 26 j 07:34	15°♒28'57	
morning max el	-4184 Apr 08 j 21:49	22°♒10'52	23°31'22
	-4184 Apr 15 j 17:15	0°♓	
morning set	-4184 May 02 j 11:43	29°♓25'41	
	-4184 May 02 j 18:16	0°♈	
asc. node	-4184 May 03 j 07:34	1°♈09'58	
superior conj	-4184 May 09 j 15:18	14°♈42'19	1°01'22
minimum elong	-4184 May 09 j 12:55	14°♈29'37	1°00'59
max. Earth dist.	-4184 May 11 j 19:46	19°♈21'40	1.33686 AU
	-4184 May 16 j 23:35	0°♉	
evening rise	-4184 May 17 j 05:46	0°♉30'52	
	-4184 Jun 02 j 22:40	0°♊	
desc. node	-4184 Jun 14 j 21:51	16°♊14'54	
evening max el	-4184 Jun 19 j 22:46	21°♊37'39	27°23'42
retrograde	-4184 Jul 03 j 13:19	29°♊01'55	
evening set	-4184 Jul 10 j 16:19	26°♊19'47	
min. Earth dist.	-4184 Jul 14 j 07:43	23°♊01'53	0.63907 AU
inferior conj	-4184 Jul 16 j 19:52	20°♊23'45	-3°-40'-35
minimum elong	-4184 Jul 16 j 23:29	20°♊14'14	3°39'40
morning rise	-4184 Jul 23 j 08:27	15°♊01'20	
direct	-4184 Jul 26 j 00:00	14°♊26'06	
asc. node	-4184 Jul 30 j 07:03	15°♊58'10	
morning max el	-4184 Aug 01 j 12:24	17°♊51'46	18°00'35
	-4184 Aug 10 j 07:13	0°♋	
morning set	-4184 Aug 18 j 17:51	14°♋20'40	
	-4184 Aug 27 j 23:16	0°♌	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4184 Aug 31 j 13:02	5°♌53'47	1°02'39
minimum elong	-4184 Aug 31 j 18:48	6°♌17'24	1°02'08
max. Earth dist.	-4184 Sep 06 j 00:23	14°♌44'41	1.44041 AU
desc. node	-4184 Sep 10 j 21:09	22°♌27'03	
	-4184 Sep 15 j 17:18	0°♍	
evening rise	-4184 Sep 16 j 19:10	1°♍40'03	
	-4184 Oct 05 j 17:47	0°♎	
greatest brilliancy	-4184 Oct 07 j 22:01	2°♎59'35	-0.6m
evening max el	-4184 Oct 14 j 07:41	10°♎45'42	20°25'56
retrograde	-4184 Oct 22 j 06:25	15°♎26'35	
evening set	-4184 Oct 25 j 23:13	14°♎07'25	
asc. node	-4184 Oct 26 j 05:59	13°♎54'51	
inferior conj	-4184 Oct 31 j 11:02	7°♎59'04	1°43'03
minimum elong	-4184 Oct 31 j 08:49	8°♎06'33	1°42'11
min. Earth dist.	-4184 Nov 01 j 03:49	7°♎02'27	0.66826 AU
morning rise	-4184 Nov 05 j 17:54	1°♎42'09	
	-4184 Nov 08 j 06:16	30°℞♍	
direct	-4184 Nov 11 j 06:57	29°♍18'21	
	-4184 Nov 14 j 13:09	0°♎	
morning max el	-4184 Nov 22 j 17:01	6°♎06'26	24°40'21
desc. node	-4184 Dec 07 j 21:05	25°♎04'28	
	-4184 Dec 11 j 06:39	0°♏	
morning set	-4184 Dec 28 j 16:24	28°♏05'24	
	-4184 Dec 29 j 18:21	0°♐	
max. Earth dist.	-4183 Jan 01 j 11:25	4°♐53'06	1.37532 AU
superior conj	-4183 Jan 08 j 02:56	17°♐25'02	-1°-46'-49
minimum elong	-4183 Jan 08 j 05:23	17°♐36'54	1°46'52
	-4183 Jan 14 j 11:33	0°♑	
evening rise	-4183 Jan 16 j 15:35	4°♑19'45	
asc. node	-4183 Jan 22 j 04:59	15°♑04'25	
	-4183 Feb 01 j 00:33	0°♒	
evening max el	-4183 Feb 02 j 13:03	1°♒34'06	19°15'06
retrograde	-4183 Feb 11 j 10:58	5°♒49'04	
evening set	-4183 Feb 13 j 19:28	5°♒32'35	
inferior conj	-4183 Feb 22 j 00:01	1°♒21'59	2°56'10
minimum elong	-4183 Feb 22 j 05:00	1°♒13'33	2°54'49
	-4183 Feb 24 j 00:29	30°℞♑	
min. Earth dist.	-4183 Feb 24 j 22:31	29°♑23'38	0.56773 AU
morning rise	-4183 Mar 02 j 10:47	26°♑28'04	
desc. node	-4183 Mar 05 j 20:22	25°♑37'25	
direct	-4183 Mar 07 j 08:55	25°♑31'57	
	-4183 Mar 18 j 08:22	0°♒	
morning max el	-4183 Mar 21 j 12:54	2°♒46'36	25°08'34
	-4183 Apr 09 j 16:36	0°♓	
morning set	-4183 Apr 16 j 23:59	14°♓28'38	
asc. node	-4183 Apr 20 j 04:33	21°♓16'56	
superior conj	-4183 Apr 24 j 01:09	29°♓40'00	0°39'12
minimum elong	-4183 Apr 23 j 23:31	29°♓31'02	0°38'51
	-4183 Apr 24 j 04:50	0°♈	
max. Earth dist.	-4183 Apr 25 j 04:22	2°♈07'37	1.32984 AU
evening rise	-4183 May 01 j 07:15	15°♈04'07	
	-4183 May 09 j 00:36	0°♉	
	-4183 May 29 j 04:04	0°♊	
desc. node	-4183 Jun 01 j 18:59	3°♊50'30	
evening max el	-4183 Jun 02 j 06:35	4°♊18'34	27°17'34
retrograde	-4183 Jun 16 j 03:52	11°♊42'18	
evening set	-4183 Jun 23 j 05:24	9°♊19'15	
min. Earth dist.	-4183 Jun 26 j 19:51	6°♊27'10	0.62132 AU
inferior conj	-4183 Jun 29 j 20:52	3°♊36'30	-4°-8'-8
minimum elong	-4183 Jun 29 j 23:19	3°♊30'44	4°07'44
	-4183 Jul 04 j 03:31	30°℞♉	
morning rise	-4183 Jul 06 j 19:48	28°♉34'07	
direct	-4183 Jul 09 j 08:35	28°♉05'45	
	-4183 Jul 14 j 09:02	0°♊	
morning max el	-4183 Jul 16 j 02:52	1°♊30'24	17°57'32
asc. node	-4183 Jul 17 j 04:06	2°♊36'01	
morning set	-4183 Aug 01 j 07:49	26°♊52'48	
	-4183 Aug 03 j 01:20	0°♋	
superior conj	-4183 Aug 12 j 08:30	16°♋24'01	1°31'33
minimum elong	-4183 Aug 12 j 13:15	16°♋44'23	1°31'21
max. Earth dist.	-4183 Aug 19 j 12:19	28°♋23'59	1.42722 AU
	-4183 Aug 20 j 11:51	0°♌	
evening rise	-4183 Aug 27 j 00:28	10°♌25'27	
desc. node	-4183 Aug 28 j 18:07	13°♌08'08	
	-4183 Sep 08 j 21:35	0°♍	
greatest brilliancy	-4183 Sep 22 j 05:06	18°♍26'52	-0.4m
evening max el	-4183 Sep 27 j 05:01	24°♍11'00	21°36'46
retrograde	-4183 Oct 06 j 02:51	29°♍28'27	
evening set	-4183 Oct 10 j 07:14	27°♍51'37	
asc. node	-4183 Oct 13 j 03:05	24°♍59'05	
inferior conj	-4183 Oct 15 j 16:30	21°♍35'46	0°52'05
minimum elong	-4183 Oct 15 j 15:19	21°♍39'51	0°51'37
min. Earth dist.	-4183 Oct 15 j 22:30	21°♍15'05	0.67273 AU
morning rise	-4183 Oct 20 j 23:07	15°♍18'13	
direct	-4183 Oct 25 j 20:52	13°♍15'07	
morning max el	-4183 Nov 05 j 02:38	19°♍22'13	23°14'14
greatest brilliancy	-4183 Nov 10 j 08:46	25°♍17'59	-0.3m
	-4183 Nov 14 j 01:26	0°♎	
desc. node	-4183 Nov 24 j 18:01	15°♎01'50	
	-4183 Dec 04 j 11:25	0°♏	
morning set	-4183 Dec 09 j 18:44	8°♏39'39	
max. Earth dist.	-4183 Dec 14 j 06:57	16°♏19'33	1.39583 AU
superior conj	-4183 Dec 21 j 22:13	29°♏59'59	-1°-54'-9
minimum elong	-4183 Dec 21 j 22:43	0°♐02'17	1°54'19
	-4183 Dec 21 j 22:13	0°♐	
evening rise	-4183 Dec 31 j 08:46	17°♐55'58	
	-4182 Jan 06 j 19:25	0°♑	
asc. node	-4182 Jan 09 j 02:02	3°♑55'15	
evening max el	-4182 Jan 16 j 15:01	14°♑04'32	18°33'19
retrograde	-4182 Jan 24 j 07:29	17°♑49'28	
evening set	-4182 Jan 26 j 18:45	17°♑27'35	
inferior conj	-4182 Feb 03 j 07:04	12°♑57'33	3°46'37
minimum elong	-4182 Feb 03 j 10:02	12°♑51'42	3°46'03
min. Earth dist.	-4182 Feb 06 j 16:09	10°♑19'39	0.58559 AU
morning rise	-4182 Feb 10 j 21:45	7°♑37'34	
direct	-4182 Feb 16 j 23:41	6°♑03'46	
desc. node	-4182 Feb 20 j 17:27	6°♑38'29	
morning max el	-4182 Mar 03 j 05:54	13°♑35'26	26°30'33
	-4182 Mar 16 j 06:24	0°♒	
morning set	-4182 Apr 01 j 11:07	29°♒27'47	
	-4182 Apr 01 j 17:16	0°♓	
asc. node	-4182 Apr 07 j 01:31	11°♓29'22	
superior conj	-4182 Apr 08 j 12:41	14°♓41'44	0°15'15
minimum elong	-4182 Apr 08 j 12:01	14°♓38'04	0°15'03
behind sun begin	-4182 Apr 08 j 10:32	14°♓29'55	
behind sun end	-4182 Apr 08 j 13:31	14°♓46'12	
max. Earth dist.	-4182 Apr 08 j 17:02	15°♓05'31	1.32628 AU
evening rise	-4182 Apr 15 j 14:12	29°♓53'06	
	-4182 Apr 15 j 15:31	0°♈	
	-4182 May 02 j 06:32	0°♉	
evening max el	-4182 May 15 j 09:19	16°♉20'41	26°38'39
desc. node	-4182 May 19 j 16:07	19°♉56'53	
retrograde	-4182 May 29 j 10:47	23°♉40'41	
evening set	-4182 Jun 04 j 23:46	21°♉50'06	
min. Earth dist.	-4182 Jun 08 j 22:44	19°♉08'41	0.60126 AU
inferior conj	-4182 Jun 12 j 07:17	16°♉24'11	-4°-17'-43
minimum elong	-4182 Jun 12 j 07:11	16°♉24'24	4°17'37
morning rise	-4182 Jun 19 j 18:00	11°♉43'27	
direct	-4182 Jun 22 j 05:34	11°♉20'16	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-4182 Jun	29 j 14:16	14°♉54'29	18°13'38
asc. node	-4182 Jul	04 j 01:08	20°♉14'47	
	-4182 Jul	10 j 01:08	0°♊	
morning set	-4182 Jul	15 j 13:37	10°♊11'53	
superior conj	-4182 Jul	25 j 05:56	28°♊11'40	1°46'11
minimum elong	-4182 Jul	25 j 07:58	28°♊20'52	1°46'18
	-4182 Jul	26 j 06:00	0°♋	
max. Earth dist.	-4182 Aug	01 j 18:32	11°♋23'27	1.40973 AU
evening rise	-4182 Aug	06 j 22:22	19°♋58'44	
	-4182 Aug	13 j 05:26	0°♌	
desc. node	-4182 Aug	15 j 15:07	3°♌42'22	
	-4182 Sep	03 j 05:32	0°♍	
greatest brilliancy	-4182 Sep	04 j 19:37	1°♍57'39	-0.3m
evening max el	-4182 Sep	09 j 20:40	7°♍36'34	22°55'30
retrograde	-4182 Sep	19 j 20:50	13°♍32'27	
evening set	-4182 Sep	24 j 14:48	11°♍36'10	
inferior conj	-4182 Sep	29 j 23:05	5°♍16'22	0°00'-55
minimum elong	-4182 Sep	29 j 23:06	5°♍16'18	0°00'51
transit middle	-4182 Sep	29 j 23:06	5°♍16'18	0°00'51
transit begin	-4182 Sep	29 j 20:24	5°♍25'36	
transit end	-4182 Sep	30 j 01:48	5°♍07'00	
min. Earth dist.	-4182 Sep	29 j 18:51	5°♍30'56	0.67422 AU
asc. node	-4182 Sep	30 j 00:11	5°♍12'34	
	-4182 Oct	04 j 05:05	30°℞♌	
morning rise	-4182 Oct	05 j 07:21	29°♌01'22	
direct	-4182 Oct	09 j 14:45	27°♌19'43	
	-4182 Oct	15 j 17:02	0°♍	
morning max el	-4182 Oct	18 j 16:08	2°♍42'13	21°49'43
greatest brilliancy	-4182 Oct	23 j 14:35	8°♍20'38	-0.4m
	-4182 Nov	08 j 02:39	0°♎	
desc. node	-4182 Nov	11 j 14:56	5°♎17'43	
morning set	-4182 Nov	19 j 16:18	17°♎50'30	
max. Earth dist.	-4182 Nov	26 j 06:51	28°♎35'11	1.41599 AU
	-4182 Nov	27 j 03:13	0°♏	
superior conj	-4182 Dec	03 j 21:25	11°♏33'35	-1°-50'-17
minimum elong	-4182 Dec	03 j 18:36	11°♏21'16	1°50'17
	-4182 Dec	14 j 02:34	0°♐	
evening rise	-4182 Dec	14 j 14:27	0°♐54'45	
asc. node	-4182 Dec	26 j 23:05	22°♐07'30	
evening max el	-4182 Dec	30 j 23:22	26°♐58'48	18°11'31
	-4181 Jan	04 j 08:14	0°♑	
retrograde	-4181 Jan	06 j 21:29	0°♑29'02	
evening set	-4181 Jan	09 j 11:27	0°♑00'29	
	-4181 Jan	09 j 11:59	30°℞♐	
inferior conj	-4181 Jan	16 j 09:47	25°♐08'13	4°03'30
minimum elong	-4181 Jan	16 j 09:55	25°♐07'54	4°03'18
min. Earth dist.	-4181 Jan	19 j 15:03	22°♐13'58	0.60566 AU
morning rise	-4181 Jan	23 j 05:41	19°♐29'25	
direct	-4181 Jan	30 j 01:23	17°♐18'19	
desc. node	-4181 Feb	07 j 14:30	20°♐20'02	
morning max el	-4181 Feb	13 j 04:34	24°♐57'48	27°24'16
	-4181 Feb	17 j 20:18	0°♑	
	-4181 Mar	09 j 12:31	0°♒	
morning set	-4181 Mar	16 j 19:20	14°♒16'18	
max. Earth dist.	-4181 Mar	23 j 06:12	28°♒02'44	1.32606 AU
superior conj	-4181 Mar	24 j 00:14	29°♒41'10	0°-9'-40
minimum elong	-4181 Mar	24 j 00:40	29°♒43'34	0°09'41
behind sun begin	-4181 Mar	23 j 20:40	29°♒21'41	
behind sun end	-4181 Mar	24 j 04:40	0°♓05'26	
	-4181 Mar	24 j 03:41	0°♓	
asc. node	-4181 Mar	24 j 22:31	1°♓42'57	
evening rise	-4181 Mar	31 j 00:24	14°♓49'45	
	-4181 Apr	07 j 16:33	0°♈	
evening max el	-4181 Apr	27 j 05:56	27°♈41'46	25°30'18
	-4181 Apr	29 j 20:26	0°♉	
desc. node	-4181 May	06 j 13:13	4°♉00'09	
retrograde	-4181 May	11 j 07:50	4°♉53'44	
evening set	-4181 May	16 j 20:37	3°♉41'32	
min. Earth dist.	-4181 May	21 j 18:21	0°♉54'15	0.58119 AU
	-4181 May	23 j 01:34	30°℞♈	
inferior conj	-4181 May	24 j 23:39	28°♈37'48	-4°00'-9
minimum elong	-4181 May	24 j 20:04	28°♈44'11	3°59'38
morning rise	-4181 Jun	01 j 23:32	24°♈18'27	
direct	-4181 Jun	04 j 10:44	23°♈59'22	
morning max el	-4181 Jun	12 j 19:44	27°♈55'46	18°49'49
	-4181 Jun	14 j 19:22	0°♉	
asc. node	-4181 Jun	20 j 22:09	8°♉41'07	
morning set	-4181 Jun	29 j 07:00	24°♉07'31	
	-4181 Jul	02 j 07:00	0°♊	
superior conj	-4181 Jul	08 j 00:03	11°♊02'49	1°49'01
minimum elong	-4181 Jul	07 j 23:39	11°♊00'53	1°49'11
max. Earth dist.	-4181 Jul	14 j 20:59	23°♊42'36	1.39033 AU
	-4181 Jul	18 j 11:09	0°♋	
evening rise	-4181 Jul	18 j 22:10	0°♋47'17	
desc. node	-4181 Aug	02 j 12:08	24°♋05'33	
	-4181 Aug	06 j 13:17	0°♌	
evening max el	-4181 Aug	23 j 08:38	21°♌04'41	24°16'06
retrograde	-4181 Sep	03 j 11:17	27°♌36'02	
evening set	-4181 Sep	08 j 20:13	25°♌20'01	
min. Earth dist.	-4181 Sep	13 j 14:28	19°♌49'05	0.67270 AU
inferior conj	-4181 Sep	14 j 05:07	18°♌59'40	0°-54'-20
minimum elong	-4181 Sep	14 j 06:23	18°♌55'23	0°53'42
asc. node	-4181 Sep	16 j 21:17	15°♌33'13	
morning rise	-4181 Sep	19 j 16:46	12°♌50'29	
direct	-4181 Sep	23 j 11:27	11°♌28'49	
morning max el	-4181 Oct	01 j 12:22	16°♌10'53	20°33'39
greatest brilliancy	-4181 Oct	07 j 20:00	23°♌45'38	-0.5m
	-4181 Oct	12 j 08:06	0°♍	
desc. node	-4181 Oct	29 j 11:53	25°♍46'54	
morning set	-4181 Oct	29 j 17:17	26°♍07'51	
	-4181 Nov	01 j 04:52	0°♎	
max. Earth dist.	-4181 Nov	08 j 14:41	11°♎45'55	1.43281 AU
superior conj	-4181 Nov	14 j 19:05	21°♎53'15	-1°-31'-31
minimum elong	-4181 Nov	14 j 12:52	21°♎27'23	1°31'04
	-4181 Nov	19 j 14:43	0°♏	
evening rise	-4181 Nov	27 j 04:42	13°♏08'40	
	-4181 Dec	07 j 00:01	0°♐	
asc. node	-4181 Dec	13 j 20:09	9°♐29'59	
evening max el	-4181 Dec	14 j 11:15	10°♐09'26	18°09'16
retrograde	-4181 Dec	21 j 01:11	13°♐38'08	
evening set	-4181 Dec	23 j 18:05	13°♐02'00	
inferior conj	-4181 Dec	30 j 05:05	7°♐48'09	3°55'39
minimum elong	-4181 Dec	30 j 03:07	7°♐53'14	3°55'17
min. Earth dist.	-4180 Jan	01 j 22:27	5°♐00'07	0.62492 AU
morning rise	-4180 Jan	05 j 10:13	1°♐55'31	
	-4180 Jan	08 j 19:40	30°℞♏	
direct	-4180 Jan	12 j 11:49	29°♏17'53	
	-4180 Jan	16 j 08:16	0°♐	
desc. node	-4180 Jan	25 j 11:33	6°♐08'43	
morning max el	-4180 Jan	26 j 09:23	7°♐01'11	27°42'33
	-4180 Feb	12 j 23:28	0°♑	
morning set	-4180 Feb	28 j 22:28	28°♑46'31	
	-4180 Feb	29 j 12:56	0°♒	
max. Earth dist.	-4180 Mar	05 j 15:57	10°♒44'56	1.32941 AU
superior conj	-4180 Mar	07 j 10:08	14°♒32'13	0°-34'-40
minimum elong	-4180 Mar	07 j 11:40	14°♒40'34	0°34'30
asc. node	-4180 Mar	10 j 19:30	21°♒53'19	
evening rise	-4180 Mar	14 j 11:59	29°♒46'44	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4180 Mar 14 j 14:30	0°♓	
	-4180 Mar 31 j 14:19	0°♈	
evening max el	-4180 Apr 07 j 22:07	8°♈31'18	24°02'02
retrograde	-4180 Apr 21 j 16:55	15°♈25'32	
desc. node	-4180 Apr 22 j 10:21	15°♈24'20	
evening set	-4180 Apr 25 j 22:09	14°♈46'01	
min. Earth dist.	-4180 May 02 j 09:43	11°♈39'01	0.56421 AU
inferior conj	-4180 May 04 j 19:49	10°♈09'14	-3°-5'-32
minimum elong	-4180 May 04 j 13:58	10°♈18'20	3°04'06
morning rise	-4180 May 13 j 09:39	6°♈07'02	
direct	-4180 May 15 j 21:02	5°♈50'59	
morning max el	-4180 May 25 j 16:33	10°♈24'17	19°46'30
asc. node	-4180 Jun 06 j 19:11	27°♈43'06	
	-4180 Jun 08 j 00:30	0°♉	
morning set	-4180 Jun 12 j 08:33	8°♉30'03	
superior conj	-4180 Jun 20 j 09:17	24°♉41'19	1°42'56
minimum elong	-4180 Jun 20 j 07:19	24°♉31'35	1°42'57
	-4180 Jun 23 j 02:15	0°♊	
max. Earth dist.	-4180 Jun 26 j 00:01	5°♊33'13	1.37148 AU
evening rise	-4180 Jun 29 j 22:41	12°♊49'08	
	-4180 Jul 10 j 01:01	0°♋	
desc. node	-4180 Jul 19 j 09:10	14°♋11'29	
	-4180 Jul 31 j 12:23	0°♌	
evening max el	-4180 Aug 04 j 19:13	4°♌34'54	25°31'15
retrograde	-4180 Aug 16 j 21:31	11°♌34'10	
evening set	-4180 Aug 22 j 21:35	9°♌00'49	
min. Earth dist.	-4180 Aug 27 j 06:55	4°♌06'54	0.66795 AU
inferior conj	-4180 Aug 28 j 08:48	2°♌43'09	-1°-46'-32
minimum elong	-4180 Aug 28 j 11:14	2°♌35'16	1°45'27
	-4180 Aug 30 j 13:03	30°℞♋	
asc. node	-4180 Sep 02 j 18:24	26°♋54'48	
morning rise	-4180 Sep 03 j 01:28	26°♋42'57	
direct	-4180 Sep 06 j 09:32	25°♋38'29	
morning max el	-4180 Sep 13 j 15:54	29°♋48'13	19°30'15
	-4180 Sep 13 j 20:29	0°♌	
greatest brilliancy	-4180 Sep 22 j 19:10	11°♌37'12	-0.7m
	-4180 Oct 04 j 20:30	0°♍	
morning set	-4180 Oct 07 j 19:06	4°♍34'37	
desc. node	-4180 Oct 15 j 08:50	16°♍24'35	
max. Earth dist.	-4180 Oct 21 j 04:46	25°♍35'51	1.44395 AU
	-4180 Oct 23 j 23:12	0°♎	
superior conj	-4180 Oct 24 j 13:29	0°♎56'58	0°-56'-7
minimum elong	-4180 Oct 24 j 07:10	0°♎31'47	0°55'23
evening rise	-4180 Nov 07 j 22:48	24°♎28'04	
	-4180 Nov 11 j 06:15	0°♏	
evening max el	-4180 Nov 26 j 23:53	23°♏30'03	18°25'52
asc. node	-4180 Nov 29 j 17:14	25°♏48'55	
retrograde	-4180 Dec 03 j 14:09	27°♏08'03	
evening set	-4180 Dec 06 j 11:09	26°♏22'56	
inferior conj	-4180 Dec 12 j 13:12	20°♏49'56	3°30'54
minimum elong	-4180 Dec 12 j 10:12	20°♏58'34	3°30'09
min. Earth dist.	-4180 Dec 14 j 16:02	18°♏24'25	0.64149 AU
morning rise	-4180 Dec 18 j 07:52	14°♏46'59	
direct	-4180 Dec 25 j 05:44	11°♏57'27	
morning max el	-4179 Jan 07 j 18:09	19°♏39'43	27°25'14
desc. node	-4179 Jan 11 j 08:36	23°♏29'55	
	-4179 Jan 16 j 15:58	0°♐	
	-4179 Feb 04 j 22:15	0°♑	
morning set	-4179 Feb 11 j 17:54	12°♑49'56	
max. Earth dist.	-4179 Feb 16 j 18:19	22°♑59'37	1.33669 AU
superior conj	-4179 Feb 19 j 16:37	29°♑09'06	0°-58'-46
minimum elong	-4179 Feb 19 j 19:06	29°♑22'18	0°58'31
	-4179 Feb 20 j 02:12	0°♒	
asc. node	-4179 Feb 25 j 16:31	11°♒56'29	
evening rise	-4179 Feb 26 j 23:12	14°♒38'03	
	-4179 Mar 06 j 19:05	0°♓	
evening max el	-4179 Mar 20 j 15:28	19°♓15'03	22°27'48
retrograde	-4179 Apr 02 j 14:04	25°♓34'06	
evening set	-4179 Apr 05 j 15:03	25°♓13'46	
desc. node	-4179 Apr 09 j 07:29	24°♓00'06	
min. Earth dist.	-4179 Apr 13 j 23:56	21°♓34'37	0.55374 AU
inferior conj	-4179 Apr 14 j 22:35	21°♓02'21	-1°-31'-46
minimum elong	-4179 Apr 14 j 18:32	21°♓08'07	1°30'30
morning rise	-4179 Apr 24 j 00:07	17°♓05'15	
direct	-4179 Apr 26 j 14:44	16°♓49'37	
morning max el	-4179 May 08 j 02:54	22°♓13'12	21°02'41
	-4179 May 14 j 17:02	0°♈	
asc. node	-4179 May 24 j 16:13	17°♈11'58	
morning set	-4179 May 27 j 15:40	23°♈12'15	
	-4179 May 30 j 22:19	0°♉	
superior conj	-4179 Jun 04 j 05:13	8°♉54'18	1°30'18
minimum elong	-4179 Jun 04 j 02:35	8°♉40'44	1°30'08
max. Earth dist.	-4179 Jun 08 j 09:30	17°♉21'19	1.35520 AU
evening rise	-4179 Jun 12 j 18:59	25°♉51'37	
	-4179 Jun 15 j 00:25	0°♊	
	-4179 Jul 03 j 11:16	0°♋	
desc. node	-4179 Jul 06 j 06:13	3°♋52'30	
evening max el	-4179 Jul 18 j 06:11	18°♋04'33	26°32'53
retrograde	-4179 Jul 31 j 03:03	25°♋21'08	
evening set	-4179 Aug 06 j 16:43	22°♋36'24	
min. Earth dist.	-4179 Aug 10 j 17:54	18°♋21'07	0.65967 AU
inferior conj	-4179 Aug 12 j 08:16	16°♋24'36	-2°-35'-38
minimum elong	-4179 Aug 12 j 11:37	16°♋14'25	2°34'21
morning rise	-4179 Aug 18 j 07:30	10°♋36'28	
asc. node	-4179 Aug 20 j 15:33	9°♋48'15	
direct	-4179 Aug 21 j 07:16	9°♋45'50	
morning max el	-4179 Aug 28 j 01:31	13°♋32'01	18°42'03
	-4179 Sep 08 j 22:24	0°♌	
morning set	-4179 Sep 17 j 17:48	14°♌04'50	
	-4179 Sep 27 j 17:34	0°♍	
desc. node	-4179 Oct 02 j 05:46	7°♍07'08	
superior conj	-4179 Oct 03 j 14:14	9°♍15'02	0°-8'-34
minimum elong	-4179 Oct 03 j 13:06	9°♍10'37	0°08'21
behind sun begin	-4179 Oct 03 j 03:11	8°♍31'32	
behind sun end	-4179 Oct 03 j 23:01	9°♍49'41	
max. Earth dist.	-4179 Oct 03 j 22:03	9°♍45'52	1.44823 AU
	-4179 Oct 16 j 17:20	0°♎	
evening rise	-4179 Oct 19 j 16:37	4°♎43'54	
	-4179 Nov 04 j 21:50	0°♏	
evening max el	-4179 Nov 10 j 10:42	6°♏55'19	19°00'11
asc. node	-4179 Nov 16 j 14:22	10°♏48'13	
retrograde	-4179 Nov 17 j 08:30	10°♏51'27	
evening set	-4179 Nov 20 j 11:28	9°♏55'15	
inferior conj	-4179 Nov 26 j 06:37	4°♏06'09	2°54'42
minimum elong	-4179 Nov 26 j 03:27	4°♏15'59	2°53'42
min. Earth dist.	-4179 Nov 27 j 19:11	2°♏12'30	0.65467 AU
	-4179 Nov 29 j 16:22	30°℞♎	
morning rise	-4179 Dec 01 j 18:27	27°♎55'42	
direct	-4179 Dec 08 j 06:13	25°♎08'19	
	-4179 Dec 18 j 07:09	0°♏	
morning max el	-4179 Dec 21 j 03:55	2°♏39'47	26°37'18
desc. node	-4179 Dec 29 j 05:37	11°♏55'39	
	-4178 Jan 10 j 21:31	0°♐	
morning set	-4178 Jan 26 j 01:56	26°♐13'51	
	-4178 Jan 28 j 01:08	0°♑	
max. Earth dist.	-4178 Jan 30 j 09:42	4°♑37'43	1.34837 AU
superior conj	-4178 Feb 03 j 17:25	13°♑23'51	-1°-20'-45
minimum elong	-4178 Feb 03 j 20:28	13°♑39'39	1°20'32

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-4178 Feb 11 j 08:10	29°♉16'25		
	-4178 Feb 11 j 16:38	0°♒		
asc. node	-4178 Feb 12 j 13:31	1°♒47'04		
	-4178 Mar 02 j 08:17	0°♓		
evening max el	-4178 Mar 02 j 16:06	0°♓18'49	21°00'26	
retrograde	-4178 Mar 14 j 03:48	5°♓47'32		
evening set	-4178 Mar 16 j 13:56	5°♓33'49		
inferior conj	-4178 Mar 25 j 17:53	1°♓35'47	0°24'01	
minimum elong	-4178 Mar 25 j 18:59	1°♓34'14	0°23'33	
min. Earth dist.	-4178 Mar 26 j 14:13	1°♓06'48	0.55221 AU	
desc. node	-4178 Mar 27 j 04:39	0°♓46'22		
	-4178 Mar 28 j 14:16	30°℞♒		
morning rise	-4178 Apr 03 j 22:59	27°♒25'53		
direct	-4178 Apr 07 j 02:45	27°♒04'08		
	-4178 Apr 15 j 22:24	0°♓		
morning max el	-4178 Apr 20 j 02:38	3°♓20'58	22°34'32	
	-4178 May 08 j 01:58	0°♈		
asc. node	-4178 May 11 j 13:13	6°♈59'55		
morning set	-4178 May 12 j 02:10	8°♈07'09		
superior conj	-4178 May 19 j 08:29	23°♈30'47	1°12'57	
minimum elong	-4178 May 19 j 05:52	23°♈16'56	1°12'37	
max. Earth dist.	-4178 May 22 j 04:55	29°♈29'23	1.34247 AU	
	-4178 May 22 j 10:50	0°♉		
evening rise	-4178 May 27 j 05:48	9°♉39'23		
	-4178 Jun 07 j 11:04	0°♊		
desc. node	-4178 Jun 23 j 03:19	22°♊57'56		
	-4178 Jun 29 j 07:09	0°♋		
evening max el	-4178 Jun 30 j 17:34	1°♋25'40	27°13'10	
retrograde	-4178 Jul 14 j 03:18	8°♋49'18		
evening set	-4178 Jul 21 j 02:58	6°♋02'53		
min. Earth dist.	-4178 Jul 24 j 21:17	2°♋25'10	0.64760 AU	
inferior conj	-4178 Jul 27 j 01:15	0°♋00'08	-3°-19'-15	
minimum elong	-4178 Jul 27 j 05:00	29°♊49'39	3°18'06	
	-4178 Jul 27 j 01:18	30°℞♊		
morning rise	-4178 Aug 02 j 08:31	24°♊27'13		
direct	-4178 Aug 05 j 02:22	23°♊47'10		
asc. node	-4178 Aug 07 j 12:40	24°♊18'19		
morning max el	-4178 Aug 11 j 15:02	27°♊18'10	18°10'38	
	-4178 Aug 14 j 00:06	0°♋		
morning set	-4178 Aug 29 j 20:01	24°♋54'51		
	-4178 Sep 01 j 21:06	0°♌		
superior conj	-4178 Sep 12 j 19:03	17°♌49'35	0°39'26	
minimum elong	-4178 Sep 12 j 23:33	18°♌07'37	0°38'59	
max. Earth dist.	-4178 Sep 16 j 15:44	23°♌58'50	1.44527 AU	
desc. node	-4178 Sep 19 j 02:43	27°♌51'48		
	-4178 Sep 20 j 11:18	0°♍		
evening rise	-4178 Sep 29 j 10:30	13°♍59'12		
	-4178 Oct 09 j 20:07	0°♎		
greatest brilliancy	-4178 Oct 17 j 00:21	10°♎37'22	-0.6m	
evening max el	-4178 Oct 24 j 17:30	20°♎22'26	19°50'33	
retrograde	-4178 Nov 01 j 05:20	24°♎44'36		
asc. node	-4178 Nov 03 j 11:30	24°♎15'00		
evening set	-4178 Nov 04 j 16:26	23°♎34'39		
inferior conj	-4178 Nov 10 j 06:29	17°♎32'34	2°10'48	
minimum elong	-4178 Nov 10 j 03:48	17°♎41'25	2°09'48	
min. Earth dist.	-4178 Nov 11 j 06:06	16°♎14'47	0.66435 AU	
morning rise	-4178 Nov 15 j 14:28	11°♎17'22		
direct	-4178 Nov 21 j 12:26	8°♎42'47		
morning max el	-4178 Dec 03 j 12:53	15°♎49'57	25°27'00	
	-4178 Dec 15 j 07:01	0°♏		
desc. node	-4178 Dec 16 j 02:37	1°♏07'00		
	-4177 Jan 03 j 18:45	0°♐		
morning set	-4177 Jan 08 j 17:46	8°♐44'14		
max. Earth dist.	-4177 Jan 12 j 13:25	15°♐47'38	1.36449 AU	

superior conj	-4177 Jan 18 j 09:48	27°♐08'24	-1°-38'-56	
minimum elong	-4177 Jan 18 j 12:45	27°♐23'08	1°38'52	
	-4177 Jan 19 j 20:07	0°♑		
evening rise	-4177 Jan 26 j 12:56	13°♑36'00		
asc. node	-4177 Jan 30 j 10:32	21°♑19'51		
	-4177 Feb 04 j 05:00	0°♒		
evening max el	-4177 Feb 13 j 03:03	11°♒56'37	19°48'07	
retrograde	-4177 Feb 22 j 21:54	16°♒34'54		
evening set	-4177 Feb 25 j 05:37	16°♒20'25		
inferior conj	-4177 Mar 05 j 19:50	12°♒18'15	2°09'49	
minimum elong	-4177 Mar 06 j 00:35	12°♒10'49	2°08'17	
min. Earth dist.	-4177 Mar 08 j 04:34	10°♒50'08	0.55992 AU	
desc. node	-4177 Mar 14 j 01:47	7°♒53'46		
morning rise	-4177 Mar 14 j 16:18	7°♒41'54		
direct	-4177 Mar 18 j 21:29	7°♒02'19		
morning max el	-4177 Apr 01 j 18:56	14°♒00'17	24°13'34	
	-4177 Apr 14 j 05:20	0°♓		
morning set	-4177 Apr 26 j 14:15	23°♓08'43		
asc. node	-4177 Apr 28 j 10:11	27°♓01'15		
	-4177 Apr 29 j 19:31	0°♈		
superior conj	-4177 May 03 j 16:29	8°♈22'29	0°52'13	
minimum elong	-4177 May 03 j 14:23	8°♈11'07	0°51'51	
max. Earth dist.	-4177 May 05 j 09:37	12°♈03'32	1.33346 AU	
evening rise	-4177 May 11 j 02:53	23°♈59'10		
	-4177 May 14 j 03:52	0°♉		
	-4177 Jun 01 j 02:37	0°♊		
desc. node	-4177 Jun 10 j 00:26	11°♊12'13		
evening max el	-4177 Jun 13 j 03:35	14°♊25'25	27°25'16	
retrograde	-4177 Jun 26 j 21:23	21°♊49'18		
evening set	-4177 Jul 04 j 00:51	19°♊13'56		
min. Earth dist.	-4177 Jul 07 j 15:11	16°♊08'16	0.63183 AU	
inferior conj	-4177 Jul 10 j 08:59	13°♊23'15	-3°-54'-3	
minimum elong	-4177 Jul 10 j 12:16	13°♊15'00	3°53'21	
morning rise	-4177 Jul 17 j 01:45	8°♊08'45		
direct	-4177 Jul 19 j 15:56	7°♊36'35		
asc. node	-4177 Jul 25 j 09:44	10°♊13'41		
morning max el	-4177 Jul 26 j 05:51	11°♊00'46	17°57'01	
	-4177 Aug 07 j 23:59	0°♋		
morning set	-4177 Aug 11 j 22:30	6°♋54'06		
superior conj	-4177 Aug 23 j 22:23	27°♋31'30	1°16'44	
minimum elong	-4177 Aug 24 j 04:07	27°♋55'24	1°16'20	
	-4177 Aug 25 j 10:08	0°♌		
max. Earth dist.	-4177 Aug 30 j 06:57	7°♌56'57	1.43548 AU	
desc. node	-4177 Sep 05 j 23:40	18°♌35'06		
evening rise	-4177 Sep 08 j 14:51	22°♌41'05		
	-4177 Sep 13 j 09:07	0°♍		
greatest brilliancy	-4177 Oct 02 j 02:29	27°♍06'52	-0.5m	
	-4177 Oct 04 j 09:25	0°♎		
evening max el	-4177 Oct 07 j 18:33	3°♎48'47	20°54'46	
retrograde	-4177 Oct 16 j 02:20	8°♎44'04		
evening set	-4177 Oct 19 j 23:53	7°♎17'36		
asc. node	-4177 Oct 21 j 08:38	6°♎06'29		
inferior conj	-4177 Oct 25 j 10:27	1°♎05'50	1°21'48	
minimum elong	-4177 Oct 25 j 08:38	1°♎12'00	1°21'04	
min. Earth dist.	-4177 Oct 25 j 22:32	0°♎24'38	0.67064 AU	
	-4177 Oct 26 j 05:47	30°℞♍		
morning rise	-4177 Oct 30 j 16:59	24°♍48'30		
direct	-4177 Nov 04 j 23:35	22°♍33'13		
morning max el	-4177 Nov 15 j 21:35	29°♍03'53	24°03'58	
	-4177 Nov 16 j 19:21	0°♎		
desc. node	-4177 Dec 02 j 23:34	20°♎50'22		
	-4177 Dec 09 j 02:52	0°♏		
morning set	-4177 Dec 21 j 11:27	20°♏04'43		
max. Earth dist.	-4177 Dec 25 j 10:09	26°♏59'22	1.38401 AU	
	-4177 Dec 27 j 02:19	0°♐		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4176 Jan 01 j 14:06	10°♐12'25	-1°-51'-4	
minimum elong	-4176 Jan 01 j 15:54	10°♐20'57	1°51'11	
evening rise	-4176 Jan 10 j 11:08	27°♐30'16		
	-4176 Jan 11 j 17:45	0°♑		
asc. node	-4176 Jan 17 j 07:35	10°♑28'24		
evening max el	-4176 Jan 27 j 00:03	24°♑09'22	18°54'47	
retrograde	-4176 Feb 04 j 07:53	28°♑09'32		
evening set	-4176 Feb 06 j 17:41	27°♑50'50		
inferior conj	-4176 Feb 14 j 15:05	23°♑32'15	3°22'12	
minimum elong	-4176 Feb 14 j 19:28	23°♑24'20	3°21'11	
min. Earth dist.	-4176 Feb 17 j 20:04	21°♑14'51	0.57489 AU	
morning rise	-4176 Feb 22 j 17:32	18°♑26'43		
direct	-4176 Feb 28 j 04:24	17°♑15'35		
desc. node	-4176 Feb 28 j 22:52	17°♑17'01		
morning max el	-4176 Mar 13 j 10:03	24°♑38'05	25°46'17	
	-4176 Mar 18 j 08:20	0°♒		
	-4176 Apr 06 j 01:49	0°♓		
morning set	-4176 Apr 10 j 02:16	8°♓11'18		
asc. node	-4176 Apr 14 j 07:08	17°♓11'20		
superior conj	-4176 Apr 17 j 03:16	23°♓22'51	0°29'12	
minimum elong	-4176 Apr 17 j 02:00	23°♓15'59	0°28'54	
max. Earth dist.	-4176 Apr 17 j 20:39	24°♓57'41	1.32793 AU	
	-4176 Apr 20 j 04:25	0°♈		
evening rise	-4176 Apr 24 j 07:00	8°♈40'36		
	-4176 May 05 j 13:50	0°♉		
evening max el	-4176 May 25 j 09:36	26°♉51'23	27°05'01	
desc. node	-4176 May 26 j 21:33	28°♉13'58		
	-4176 May 29 j 01:07	0°♊		
retrograde	-4176 Jun 08 j 08:33	4°♊13'05		
evening set	-4176 Jun 15 j 06:26	2°♊02'27		
	-4176 Jun 18 j 02:24	30°℞♉		
min. Earth dist.	-4176 Jun 18 j 23:03	29°♉17'12	0.61298 AU	
inferior conj	-4176 Jun 22 j 04:14	26°♉26'46	-4°-14'-55	
minimum elong	-4176 Jun 22 j 05:46	26°♉23'20	4°14'42	
morning rise	-4176 Jun 29 j 07:59	21°♉33'26		
direct	-4176 Jul 01 j 20:15	21°♉07'17		
morning max el	-4176 Jul 08 j 19:20	24°♉34'16	18°02'03	
asc. node	-4176 Jul 11 j 06:45	27°♉19'24		
	-4176 Jul 13 j 06:37	0°♊		
morning set	-4176 Jul 24 j 19:47	19°♊48'01		
	-4176 Jul 30 j 09:36	0°♋		
superior conj	-4176 Aug 04 j 05:26	8°♋36'17	1°39'23	
minimum elong	-4176 Aug 04 j 09:05	8°♋52'17	1°39'21	
max. Earth dist.	-4176 Aug 11 j 17:02	21°♋22'44	1.42019 AU	
	-4176 Aug 16 j 23:52	0°♌		
evening rise	-4176 Aug 18 j 01:16	1°♌41'28		
desc. node	-4176 Aug 22 j 20:39	9°♌13'50		
	-4176 Sep 05 j 21:20	0°♍		
greatest brilliancy	-4176 Sep 14 j 19:21	11°♍51'59	-0.3m	
evening max el	-4176 Sep 19 j 13:18	17°♍14'00	22°09'31	
retrograde	-4176 Sep 28 j 21:54	22°♍47'35		
evening set	-4176 Oct 03 j 07:57	21°♍02'22		
asc. node	-4176 Oct 07 j 05:45	16°♍43'12		
inferior conj	-4176 Oct 08 j 16:36	14°♍44'18	0°29'44	
minimum elong	-4176 Oct 08 j 15:54	14°♍46'41	0°29'30	
min. Earth dist.	-4176 Oct 08 j 18:07	14°♍39'01	0.67377 AU	
morning rise	-4176 Oct 13 j 23:43	8°♍27'42		
direct	-4176 Oct 18 j 15:09	6°♍34'00		
morning max el	-4176 Oct 28 j 08:36	12°♍21'44	22°37'40	
greatest brilliancy	-4176 Nov 02 j 01:49	17°♍40'18	-0.3m	
	-4176 Nov 11 j 08:26	0°♎		
desc. node	-4176 Nov 18 j 20:30	10°♎56'38		
morning set	-4176 Dec 01 j 01:33	0°♏03'07		
	-4176 Dec 01 j 00:47	0°♏		
max. Earth dist.	-4176 Dec 06 j 07:23	8°♏47'09	1.40468 AU	
superior conj	-4176 Dec 14 j 01:34	22°♏23'12	-1°-54'-6	
minimum elong	-4176 Dec 14 j 00:48	22°♏19'43	1°54'15	
	-4176 Dec 18 j 05:12	0°♐		
evening rise	-4176 Dec 23 j 23:55	10°♐52'10		
asc. node	-4175 Jan 03 j 04:38	29°♐04'24		
	-4175 Jan 03 j 19:05	0°♑		
evening max el	-4175 Jan 09 j 05:01	6°♑50'51	18°21'30	
retrograde	-4175 Jan 16 j 12:29	10°♑28'10		
evening set	-4175 Jan 19 j 00:48	10°♑03'38		
inferior conj	-4175 Jan 26 j 06:49	5°♑23'58	3°57'24	
minimum elong	-4175 Jan 26 j 08:34	5°♑20'18	3°57'04	
min. Earth dist.	-4175 Jan 29 j 15:31	2°♑36'14	0.59403 AU	
	-4175 Feb 02 j 09:29	30°℞♐		
morning rise	-4175 Feb 02 j 13:05	29°♐54'55		
direct	-4175 Feb 08 j 23:46	28°♐04'48		
desc. node	-4175 Feb 14 j 19:57	29°♐29'46		
	-4175 Feb 15 j 19:55	0°♑		
morning max el	-4175 Feb 23 j 05:28	5°♑40'37	26°57'34	
	-4175 Mar 13 j 06:34	0°♒		
morning set	-4175 Mar 25 j 12:24	23°♒07'19		
	-4175 Mar 28 j 18:16	0°♓		
asc. node	-4175 Apr 01 j 04:06	7°♓24'56		
superior conj	-4175 Apr 01 j 14:59	8°♓24'33	0°04'45	
minimum elong	-4175 Apr 01 j 14:47	8°♓23'24	0°04'38	
behind sun begin	-4175 Apr 01 j 09:59	7°♓57'07		
behind sun end	-4175 Apr 01 j 19:35	8°♓49'42		
max. Earth dist.	-4175 Apr 01 j 10:05	7°♓57'40	1.32575 AU	
evening rise	-4175 Apr 08 j 15:34	23°♓33'49		
	-4175 Apr 11 j 19:02	0°♈		
	-4175 Apr 29 j 20:24	0°♉		
evening max el	-4175 May 07 j 09:26	8°♉34'44	26°12'39	
desc. node	-4175 May 13 j 18:39	13°♉32'36		
retrograde	-4175 May 21 j 11:32	15°♉52'37		
evening set	-4175 May 27 j 15:46	14°♉17'52		
min. Earth dist.	-4175 May 31 j 22:14	11°♉36'10	0.59256 AU	
inferior conj	-4175 Jun 04 j 07:18	9°♉00'40	-4°-14'-14	
minimum elong	-4175 Jun 04 j 05:45	9°♉03'40	4°14'03	
morning rise	-4175 Jun 11 j 23:30	4°♉29'40		
direct	-4175 Jun 14 j 10:53	4°♉08'22		
morning max el	-4175 Jun 22 j 04:36	7°♉49'59	18°26'38	
asc. node	-4175 Jun 28 j 03:46	15°♉19'50		
	-4175 Jul 06 j 12:15	0°♊		
morning set	-4175 Jul 08 j 06:56	3°♊23'26		
superior conj	-4175 Jul 17 j 12:23	20°♊53'02	1°48'40	
minimum elong	-4175 Jul 17 j 13:18	20°♊57'14	1°48'49	
	-4175 Jul 22 j 13:22	0°♋		
max. Earth dist.	-4175 Jul 24 j 20:57	4°♋03'15	1.40150 AU	
evening rise	-4175 Jul 29 j 09:40	11°♋44'42		
desc. node	-4175 Aug 09 j 17:40	29°♋43'56		
	-4175 Aug 09 j 21:54	0°♌		
	-4175 Sep 01 j 11:17	0°♍		
evening max el	-4175 Sep 02 j 02:54	0°♍39'43	23°29'58	
retrograde	-4175 Sep 12 j 14:39	6°♍52'07		
evening set	-4175 Sep 17 j 14:51	4°♍47'11		
	-4175 Sep 21 j 19:44	30°℞♌		
inferior conj	-4175 Sep 22 j 23:10	28°♌26'28	0°-23'-39	
minimum elong	-4175 Sep 22 j 23:43	28°♌24'35	0°23'19	
min. Earth dist.	-4175 Sep 22 j 14:30	28°♌56'09	0.67387 AU	
asc. node	-4175 Sep 24 j 02:52	26°♌52'25		
morning rise	-4175 Sep 28 j 08:40	22°♌13'32		
direct	-4175 Oct 02 j 10:17	20°♌40'53		
morning max el	-4175 Oct 11 j 00:54	25°♌45'53	21°16'06	
	-4175 Oct 14 j 19:08	0°♍		
greatest brilliancy	-4175 Oct 16 j 10:24	2°♍02'24	-0.5m	
	-4175 Nov 04 j 20:49	0°♎		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4175 Nov 05 j 17:27	1°♎19'09	
morning set	-4175 Nov 10 j 12:38	8°♎46'27	
max. Earth dist.	-4175 Nov 18 j 10:23	21°♎26'44	1.42362 AU
	-4175 Nov 23 j 13:49	0°♏	
superior conj	-4175 Nov 25 j 14:34	3°♏27'15	-1°-44'-20
minimum elong	-4175 Nov 25 j 10:09	3°♏08'24	1°44'11
evening rise	-4175 Dec 06 j 23:40	23°♏33'56	
	-4175 Dec 10 j 13:22	0°♐	
asc. node	-4175 Dec 21 j 01:43	16°♐57'55	
evening max el	-4175 Dec 23 j 15:15	19°♐53'47	18°08'11
retrograde	-4175 Dec 30 j 08:56	23°♐22'08	
evening set	-4174 Jan 01 j 23:56	22°♐50'40	
inferior conj	-4174 Jan 08 j 17:10	17°♐49'15	4°02'39
minimum elong	-4174 Jan 08 j 16:17	17°♐51'22	4°02'26
min. Earth dist.	-4174 Jan 11 j 18:06	14°♐54'49	0.61406 AU
morning rise	-4174 Jan 15 j 06:13	12°♐03'46	
direct	-4174 Jan 22 j 05:42	9°♐39'27	
desc. node	-4174 Feb 01 j 17:01	14°♐10'36	
morning max el	-4174 Feb 05 j 07:07	17°♐21'58	27°36'26
	-4174 Feb 15 j 20:39	0°♑	
	-4174 Mar 05 j 20:39	0°♒	
morning set	-4174 Mar 09 j 18:47	7°♒49'41	
max. Earth dist.	-4174 Mar 15 j 22:09	20°♒50'00	1.32702 AU
superior conj	-4174 Mar 17 j 02:05	23°♒21'44	0°-20'-18
minimum elong	-4174 Mar 17 j 02:59	23°♒26'43	0°20'15
asc. node	-4174 Mar 19 j 01:06	27°♒38'00	
	-4174 Mar 20 j 03:11	0°♓	
evening rise	-4174 Mar 24 j 02:36	8°♓31'39	
	-4174 Apr 04 j 08:43	0°♈	
evening max el	-4174 Apr 19 j 03:35	19°♈39'51	24°54'19
desc. node	-4174 Apr 30 j 15:46	26°♈31'55	
retrograde	-4174 May 03 j 04:11	26°♈46'41	
evening set	-4174 May 08 j 03:39	25°♈49'52	
min. Earth dist.	-4174 May 13 j 15:52	22°♈55'20	0.57336 AU
inferior conj	-4174 May 16 j 15:06	20°♈56'43	-3°-41'-57
minimum elong	-4174 May 16 j 10:13	21°♈04'54	3°41'02
morning rise	-4174 May 24 j 20:57	16°♈45'37	
direct	-4174 May 27 j 07:54	16°♈28'08	
morning max el	-4174 Jun 05 j 06:45	20°♈38'46	19°11'26
	-4174 Jun 12 j 14:35	0°♉	
asc. node	-4174 Jun 15 j 00:47	4°♉02'28	
morning set	-4174 Jun 22 j 04:06	17°♉31'00	
	-4174 Jun 28 j 11:08	0°♊	
superior conj	-4174 Jun 30 j 13:30	4°♊05'48	1°47'23
minimum elong	-4174 Jun 30 j 12:19	4°♊00'05	1°47'30
max. Earth dist.	-4174 Jul 06 j 22:19	16°♊04'56	1.38206 AU
evening rise	-4174 Jul 10 j 20:27	23°♊05'28	
	-4174 Jul 14 j 21:11	0°♋	
desc. node	-4174 Jul 27 j 14:41	20°♋00'21	
	-4174 Aug 03 j 17:03	0°♌	
evening max el	-4174 Aug 15 j 13:56	14°♌08'31	24°49'23
retrograde	-4174 Aug 27 j 03:31	20°♌53'34	
evening set	-4174 Sep 01 j 18:47	18°♌29'53	
min. Earth dist.	-4174 Sep 06 j 09:10	13°♌14'09	0.67097 AU
inferior conj	-4174 Sep 07 j 04:26	12°♌10'06	-1°-16'-47
minimum elong	-4174 Sep 07 j 06:12	12°♌04'10	1°15'55
asc. node	-4174 Sep 11 j 00:00	7°♌33'08	
morning rise	-4174 Sep 12 j 17:59	6°♌04'06	
direct	-4174 Sep 16 j 07:50	4°♌50'08	
morning max el	-4174 Sep 24 j 00:11	9°♌17'52	20°04'56
greatest brilliancy	-4174 Oct 01 j 06:37	18°♌16'05	-0.6m
	-4174 Oct 09 j 08:18	0°♍	
morning set	-4174 Oct 20 j 10:50	16°♍58'35	
desc. node	-4174 Oct 23 j 14:24	21°♍52'17	
	-4174 Oct 28 j 18:35	0°♎	
max. Earth dist.	-4174 Oct 31 j 20:37	4°♎54'15	1.43825 AU
superior conj	-4174 Nov 06 j 00:22	13°♎13'38	-1°-18'-29
minimum elong	-4174 Nov 05 j 17:28	12°♎45'31	1°17'50
	-4174 Nov 16 j 01:48	0°♏	
evening rise	-4174 Nov 19 j 05:54	5°♏25'32	
	-4174 Dec 04 j 10:34	0°♐	
evening max el	-4174 Dec 07 j 03:52	3°♐09'53	18°14'09
asc. node	-4174 Dec 07 j 22:50	3°♐55'38	
retrograde	-4174 Dec 13 j 16:57	6°♐41'06	
evening set	-4174 Dec 16 j 11:26	6°♐01'23	
inferior conj	-4174 Dec 22 j 18:23	0°♐39'23	3°46'48
minimum elong	-4174 Dec 22 j 15:51	0°♐46'14	3°46'17
	-4174 Dec 23 j 08:53	30°℞♏	
min. Earth dist.	-4174 Dec 25 j 05:48	27°♏59'10	0.63240 AU
morning rise	-4174 Dec 28 j 18:36	24°♏42'09	
direct	-4173 Jan 04 j 19:47	21°♏57'15	
morning max el	-4173 Jan 18 j 13:46	29°♏41'03	27°39'10
	-4173 Jan 18 j 21:23	0°♐	
desc. node	-4173 Jan 19 j 14:04	0°♐42'23	
	-4173 Feb 09 j 18:21	0°♑	
morning set	-4173 Feb 21 j 19:01	22°♑09'48	
	-4173 Feb 25 j 14:51	0°♒	
max. Earth dist.	-4173 Feb 27 j 05:02	3°♒21'00	1.33202 AU
superior conj	-4173 Mar 01 j 10:48	8°♒07'57	0°-45'-4
minimum elong	-4173 Mar 01 j 12:46	8°♒18'33	0°44'51
asc. node	-4173 Mar 05 j 22:07	17°♒46'07	
evening rise	-4173 Mar 08 j 14:15	23°♒27'11	
	-4173 Mar 11 j 18:37	0°♓	
	-4173 Mar 31 j 09:33	0°♈	
evening max el	-4173 Mar 31 j 19:42	0°♈24'36	23°21'50
retrograde	-4173 Apr 14 j 07:55	7°♈05'31	
evening set	-4173 Apr 17 j 23:45	6°♈36'12	
desc. node	-4173 Apr 17 j 12:53	6°♈42'54	
min. Earth dist.	-4173 Apr 25 j 06:46	3°♈17'07	0.55881 AU
inferior conj	-4173 Apr 27 j 03:12	2°♈11'20	-2°-30'-3
minimum elong	-4173 Apr 26 j 21:32	2°♈19'46	2°28'28
	-4173 May 01 j 01:02	30°℞♓	
morning rise	-4173 May 05 j 22:31	28°♓12'44	
direct	-4173 May 08 j 10:35	27°♓57'17	
	-4173 May 15 j 06:08	0°♈	
morning max el	-4173 May 18 j 23:13	2°♈51'14	20°16'36
asc. node	-4173 Jun 01 j 21:49	23°♈17'15	
	-4173 Jun 05 j 07:57	0°♉	
morning set	-4173 Jun 06 j 08:21	2°♉03'15	
superior conj	-4173 Jun 14 j 03:47	18°♉00'38	1°38'15
minimum elong	-4173 Jun 14 j 01:26	17°♉48'48	1°38'11
max. Earth dist.	-4173 Jun 19 j 03:40	27°♉52'18	1.36419 AU
	-4173 Jun 20 j 06:20	0°♊	
evening rise	-4173 Jun 23 j 06:09	5°♊35'50	
	-4173 Jul 07 j 17:33	0°♋	
desc. node	-4173 Jul 14 j 11:43	9°♋57'02	
evening max el	-4173 Jul 29 j 00:49	27°♋40'23	25°59'45
	-4173 Jul 31 j 13:43	0°♌	
retrograde	-4173 Aug 10 j 11:42	4°♌47'50	
evening set	-4173 Aug 16 j 17:46	2°♌09'03	
	-4173 Aug 18 j 21:46	30°℞♋	
min. Earth dist.	-4173 Aug 20 j 23:40	27°♋31'16	0.66484 AU
inferior conj	-4173 Aug 22 j 06:35	25°♋53'37	-2°-7'-52
minimum elong	-4173 Aug 22 j 09:27	25°♋44'34	2°06'40
morning rise	-4173 Aug 28 j 01:50	19°♋57'56	
asc. node	-4173 Aug 28 j 21:08	19°♋32'10	
direct	-4173 Aug 31 j 06:09	18°♋59'36	
morning max el	-4173 Sep 07 j 06:26	22°♋58'09	19°07'47

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4173 Sep 12 j 23:20	0°♌	
morning set	-4173 Sep 29 j 19:49	25°♌47'59	
	-4173 Oct 02 j 11:54	0°♍	
desc. node	-4173 Oct 10 j 11:21	12°♍32'32	
max. Earth dist.	-4173 Oct 14 j 12:37	18°♍55'43	1.44669 AU
superior conj	-4173 Oct 16 j 09:12	21°♍51'58	0°-36'-52
minimum elong	-4173 Oct 16 j 04:35	21°♍33'42	0°36'15
	-4173 Oct 21 j 11:59	0°♎	
evening rise	-4173 Oct 31 j 13:59	16°♎18'20	
	-4173 Nov 08 j 23:17	0°♏	
evening max el	-4173 Nov 20 j 16:06	16°♏33'14	18°38'25
asc. node	-4173 Nov 24 j 19:58	19°♏42'45	
retrograde	-4173 Nov 27 j 08:32	20°♏17'29	
evening set	-4173 Nov 30 j 07:56	19°♏27'47	
inferior conj	-4173 Dec 06 j 06:48	13°♏47'33	3°16'40
minimum elong	-4173 Dec 06 j 03:39	13°♏56'58	3°15'47
min. Earth dist.	-4173 Dec 08 j 03:24	11°♏35'05	0.64759 AU
morning rise	-4173 Dec 11 j 22:12	7°♏41'23	
direct	-4173 Dec 18 j 16:30	4°♏51'19	
morning max el	-4173 Dec 31 j 23:04	12°♏29'29	27°08'08
desc. node	-4172 Jan 06 j 11:08	18°♏33'33	
	-4172 Jan 15 j 02:16	0°♐	
	-4172 Feb 02 j 06:48	0°♑	
morning set	-4172 Feb 05 j 10:05	5°♑57'46	
max. Earth dist.	-4172 Feb 10 j 03:06	15°♑20'41	1.34117 AU
superior conj	-4172 Feb 13 j 15:10	22°♑36'32	-1°-8'-26
minimum elong	-4172 Feb 13 j 17:58	22°♑51'11	1°08'11
	-4172 Feb 17 j 03:03	0°♒	
asc. node	-4172 Feb 20 j 19:08	7°♒44'47	
evening rise	-4172 Feb 21 j 00:45	8°♒14'05	
	-4172 Mar 03 j 17:36	0°♓	
evening max el	-4172 Mar 12 j 15:36	11°♓14'29	21°49'06
retrograde	-4172 Mar 25 j 00:19	17°♓12'43	
evening set	-4172 Mar 27 j 17:28	16°♓56'16	
desc. node	-4172 Apr 03 j 10:03	14°♓19'55	
inferior conj	-4172 Apr 06 j 01:09	12°♓52'51	0°-43'-33
minimum elong	-4172 Apr 05 j 23:08	12°♓55'42	0°42'56
min. Earth dist.	-4172 Apr 05 j 20:40	12°♓59'09	0.55199 AU
morning rise	-4172 Apr 15 j 05:36	8°♓52'47	
direct	-4172 Apr 18 j 00:32	8°♓35'30	
morning max el	-4172 Apr 30 j 04:45	14°♓21'43	21°40'13
	-4172 May 11 j 21:42	0°♈	
asc. node	-4172 May 18 j 18:49	12°♈55'14	
morning set	-4172 May 20 j 17:11	16°♈52'08	
	-4172 May 26 j 23:28	0°♉	
superior conj	-4172 May 28 j 03:12	2°♉24'55	1°23'25
minimum elong	-4172 May 28 j 00:30	2°♉10'50	1°23'10
max. Earth dist.	-4172 May 31 j 17:36	9°♉49'03	1.34936 AU
evening rise	-4172 Jun 05 j 09:13	18°♉59'30	
	-4172 Jun 11 j 08:22	0°♊	
desc. node	-4172 Jun 30 j 08:47	29°♊24'36	
	-4172 Jun 30 j 19:37	0°♋	
evening max el	-4172 Jul 10 j 12:09	11°♋08'03	26°53'02
retrograde	-4172 Jul 23 j 14:47	18°♋27'53	
evening set	-4172 Jul 30 j 09:26	15°♋41'04	
min. Earth dist.	-4172 Aug 03 j 07:32	11°♋42'16	0.65506 AU
inferior conj	-4172 Aug 05 j 03:34	9°♋33'03	-2°-54'-57
minimum elong	-4172 Aug 05 j 07:10	9°♋22'29	2°53'42
morning rise	-4172 Aug 11 j 06:02	3°♋51'05	
direct	-4172 Aug 14 j 03:07	3°♋05'12	
asc. node	-4172 Aug 14 j 18:14	3°♋07'23	
morning max el	-4172 Aug 20 j 18:00	6°♋43'28	18°26'36
	-4172 Sep 05 j 15:52	0°♌	
morning set	-4172 Sep 09 j 06:10	5°♌52'26	
superior conj	-4172 Sep 24 j 08:38	0°♍08'05	0°12'35
minimum elong	-4172 Sep 24 j 10:16	0°♍14'31	0°12'27
behind sun begin	-4172 Sep 24 j 02:55	29°♌45'27	
behind sun end	-4172 Sep 24 j 17:37	0°♍43'35	
	-4172 Sep 24 j 06:36	0°♍	
desc. node	-4172 Sep 26 j 08:18	3°♍16'17	
max. Earth dist.	-4172 Sep 26 j 06:57	3°♍10'57	1.44788 AU
evening rise	-4172 Oct 10 j 21:05	26°♍07'05	
	-4172 Oct 13 j 08:21	0°♎	
greatest brilliancy	-4172 Oct 24 j 01:29	16°♎38'53	-0.7m
evening max el	-4172 Nov 03 j 01:24	29°♎59'21	19°19'45
	-4172 Nov 03 j 01:39	0°♏	
retrograde	-4172 Nov 10 j 04:19	4°♏05'39	
asc. node	-4172 Nov 10 j 17:04	4°♏04'02	
evening set	-4172 Nov 13 j 10:32	3°♏03'46	
	-4172 Nov 16 j 19:23	30°℞♎	
inferior conj	-4172 Nov 19 j 03:15	27°♎08'29	2°36'52
minimum elong	-4172 Nov 19 j 00:14	27°♎18'08	2°35'49
min. Earth dist.	-4172 Nov 20 j 10:02	25°♎30'09	0.65916 AU
morning rise	-4172 Nov 24 j 13:08	20°♎55'45	
direct	-4172 Nov 30 j 19:13	18°♎13'06	
morning max el	-4172 Dec 13 j 08:45	25°♎35'36	26°09'46
	-4172 Dec 17 j 10:29	0°♏	
desc. node	-4172 Dec 23 j 08:09	7°♏20'44	
	-4171 Jan 07 j 14:25	0°♐	
morning set	-4171 Jan 18 j 11:57	19°♐01'23	
max. Earth dist.	-4171 Jan 22 j 13:49	26°♐47'06	1.35470 AU
	-4171 Jan 24 j 05:08	0°♑	
superior conj	-4171 Jan 27 j 12:48	6°♑39'59	-1°-29'-3
minimum elong	-4171 Jan 27 j 15:55	6°♑55'52	1°28'52
evening rise	-4171 Feb 04 j 08:15	22°♑46'04	
asc. node	-4171 Feb 06 j 16:10	27°♑29'10	
	-4171 Feb 07 j 22:41	0°♒	
evening max el	-4171 Feb 22 j 20:23	22°♒32'08	20°27'29
retrograde	-4171 Mar 05 j 14:46	27°♒39'09	
evening set	-4171 Mar 07 j 22:49	27°♒25'41	
inferior conj	-4171 Mar 16 j 21:41	23°♒27'24	1°11'54
minimum elong	-4171 Mar 17 j 00:47	23°♒22'51	1°10'46
min. Earth dist.	-4171 Mar 18 j 10:46	22°♒33'01	0.55441 AU
desc. node	-4171 Mar 21 j 07:11	20°♒58'47	
morning rise	-4171 Mar 26 j 00:41	19°♒07'39	
direct	-4171 Mar 29 j 13:47	18°♒40'16	
morning max el	-4171 Apr 12 j 00:54	25°♒16'08	23°16'29
	-4171 Apr 16 j 10:04	0°♓	
	-4171 May 04 j 07:10	0°♈	
morning set	-4171 May 05 j 04:36	1°♈51'23	
asc. node	-4171 May 05 j 15:48	2°♈50'06	
superior conj	-4171 May 12 j 08:47	17°♈09'29	1°04'30
minimum elong	-4171 May 12 j 06:20	16°♈56'23	1°04'09
max. Earth dist.	-4171 May 14 j 17:17	22°♈09'05	1.33821 AU
	-4171 May 18 j 12:27	0°♉	
evening rise	-4171 May 20 j 00:52	3°♉02'37	
	-4171 Jun 04 j 04:05	0°♊	
desc. node	-4171 Jun 17 j 05:51	18°♊10'31	
evening max el	-4171 Jun 22 j 23:01	24°♊21'02	27°21'52
	-4171 Jun 30 j 08:06	0°♋	
retrograde	-4171 Jul 06 j 12:28	1°♋45'33	
	-4171 Jul 12 j 05:26	30°℞♊	
evening set	-4171 Jul 13 j 14:52	29°♊01'46	
min. Earth dist.	-4171 Jul 17 j 06:51	25°♊39'02	0.64140 AU
inferior conj	-4171 Jul 19 j 16:56	23°♊03'52	-3°-35'-19
minimum elong	-4171 Jul 19 j 20:37	22°♊54'00	3°34'21
morning rise	-4171 Jul 26 j 04:07	17°♊38'45	
direct	-4171 Jul 28 j 20:09	17°♊02'24	
asc. node	-4171 Aug 01 j 15:18	18°♊15'31	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-4171 Aug 04 j 08:27	20°♊29'13	18°02'37	
	-4171 Aug 11 j 12:13	0°♋		
morning set	-4171 Aug 21 j 19:14	17°♋13'15		
	-4171 Aug 29 j 08:35	0°♌		
superior conj	-4171 Sep 03 j 21:31	9°♌07'09	0°56'59	
minimum elong	-4171 Sep 04 j 03:07	9°♌29'55	0°56'29	
max. Earth dist.	-4171 Sep 08 j 23:51	17°♌19'29	1.44185 AU	
desc. node	-4171 Sep 13 j 05:14	24°♌00'36		
	-4171 Sep 17 j 01:08	0°♍		
evening rise	-4171 Sep 20 j 07:10	5°♍02'31		
	-4171 Oct 06 j 20:02	0°♎		
greatest brilliancy	-4171 Oct 10 j 12:54	5°♎12'45	-0.6m	
evening max el	-4171 Oct 17 j 05:44	13°♎25'28	20°16'22	
retrograde	-4171 Oct 25 j 01:33	18°♎01'29		
evening set	-4171 Oct 28 j 16:46	16°♎44'51		
asc. node	-4171 Oct 28 j 14:12	16°♎49'19		
inferior conj	-4171 Nov 03 j 05:06	10°♎38'00	1°50'31	
minimum elong	-4171 Nov 03 j 02:45	10°♎45'54	1°49'36	
min. Earth dist.	-4171 Nov 03 j 23:38	9°♎35'50	0.66732 AU	
morning rise	-4171 Nov 08 j 12:10	4°♎21'20		
direct	-4171 Nov 14 j 03:32	1°♎54'33		
morning max el	-4171 Nov 25 j 17:34	8°♎48'17	24°52'45	
desc. node	-4171 Dec 10 j 05:07	26°♎46'50		
	-4171 Dec 12 j 11:09	0°♏		
	-4171 Dec 31 j 04:37	0°♐		
morning set	-4171 Dec 31 j 19:08	1°♐04'04		
max. Earth dist.	-4170 Jan 04 j 13:41	7°♐52'58	1.37238 AU	
superior conj	-4170 Jan 11 j 00:29	20°♐08'10	-1°-45'00	
minimum elong	-4170 Jan 11 j 03:07	20°♐20'59	1°45'00	
	-4170 Jan 15 j 23:43	0°♑		
evening rise	-4170 Jan 19 j 10:30	6°♑55'28		
asc. node	-4170 Jan 24 j 13:11	16°♑52'35		
	-4170 Feb 01 j 14:48	0°♒		
evening max el	-4170 Feb 05 j 11:44	4°♒25'04	19°23'05	
retrograde	-4170 Feb 14 j 14:55	8°♒45'38		
evening set	-4170 Feb 16 j 23:03	8°♒29'49		
inferior conj	-4170 Feb 25 j 06:10	4°♒21'48	2°45'12	
minimum elong	-4170 Feb 25 j 11:12	4°♒13'26	2°43'45	
min. Earth dist.	-4170 Feb 28 j 01:41	2°♒30'49	0.56549 AU	
	-4170 Mar 04 j 15:29	30°℞♑		
morning rise	-4170 Mar 05 j 19:39	29°♑32'16		
desc. node	-4170 Mar 08 j 04:18	28°♑53'58		
direct	-4170 Mar 10 j 13:21	28°♑40'49		
	-4170 Mar 16 j 10:15	0°♒		
morning max el	-4170 Mar 24 j 16:05	5°♒51'56	24°54'37	
	-4170 Apr 11 j 01:19	0°♓		
morning set	-4170 Apr 19 j 16:50	16°♓54'07		
asc. node	-4170 Apr 22 j 12:46	22°♓55'47		
	-4170 Apr 25 j 19:02	0°♈		
superior conj	-4170 Apr 26 j 18:13	2°♈05'55	0°42'42	
minimum elong	-4170 Apr 26 j 16:26	1°♈56'16	0°42'21	
max. Earth dist.	-4170 Apr 28 j 00:52	4°♈51'54	1.33068 AU	
evening rise	-4170 May 04 j 01:16	17°♈32'45		
	-4170 May 10 j 10:44	0°♉		
	-4170 May 29 j 19:50	0°♊		
desc. node	-4170 Jun 04 j 02:57	5°♊57'06		
evening max el	-4170 Jun 05 j 07:28	7°♊07'21	27°20'37	
retrograde	-4170 Jun 19 j 04:05	14°♊31'22		
evening set	-4170 Jun 26 j 06:23	12°♊04'43		
min. Earth dist.	-4170 Jun 29 j 20:33	9°♊09'29	0.62411 AU	
inferior conj	-4170 Jul 02 j 19:47	6°♊19'43	-4°-5'-2	
minimum elong	-4170 Jul 02 j 22:30	6°♊13'12	4°04'33	
morning rise	-4170 Jul 09 j 17:05	1°♊14'06		
direct	-4170 Jul 12 j 06:07	0°♊44'51		

morning max el	-4170 Jul 18 j 23:05	4°♊09'13	17°56'46	
asc. node	-4170 Jul 19 j 12:20	4°♊42'51		
morning set	-4170 Aug 04 j 06:24	29°♊37'30		
	-4170 Aug 04 j 11:26	0°♋		
superior conj	-4170 Aug 15 j 12:47	19°♋24'59	1°28'08	
minimum elong	-4170 Aug 15 j 17:52	19°♋46'36	1°27'53	
	-4170 Aug 21 j 20:56	0°♌		
max. Earth dist.	-4170 Aug 22 j 12:31	1°♌03'37	1.42950 AU	
evening rise	-4170 Aug 30 j 11:33	13°♌45'27		
desc. node	-4170 Aug 31 j 02:11	14°♌42'32		
	-4170 Sep 10 j 03:10	0°♍		
greatest brilliancy	-4170 Sep 25 j 00:50	20°♍55'27	-0.4m	
evening max el	-4170 Sep 30 j 04:03	26°♍51'21	21°25'36	
	-4170 Oct 03 j 17:23	0°♎		
retrograde	-4170 Oct 08 j 22:09	2°♎02'56		
evening set	-4170 Oct 13 j 00:40	0°♎28'55		
	-4170 Oct 13 j 14:42	30°℞♍		
asc. node	-4170 Oct 15 j 11:18	28°♍05'11		
inferior conj	-4170 Oct 18 j 10:14	24°♍14'06	0°59'59	
minimum elong	-4170 Oct 18 j 08:53	24°♍18'46	0°59'27	
min. Earth dist.	-4170 Oct 18 j 17:49	23°♍48'01	0.67230 AU	
morning rise	-4170 Oct 23 j 16:45	17°♍56'29		
direct	-4170 Oct 28 j 16:49	15°♍50'03		
morning max el	-4170 Nov 08 j 02:46	22°♍03'25	23°27'05	
greatest brilliancy	-4170 Nov 14 j 02:23	28°♍52'11	-0.2m	
	-4170 Nov 15 j 00:02	0°♎		
desc. node	-4170 Nov 27 j 02:05	16°♎41'03		
	-4170 Dec 05 j 19:17	0°♏		
morning set	-4170 Dec 13 j 01:33	11°♏50'27		
max. Earth dist.	-4170 Dec 17 j 09:05	19°♏13'50	1.39278 AU	
	-4170 Dec 23 j 09:18	0°♐		
superior conj	-4170 Dec 24 j 22:15	2°♐50'59	-1°-53'-41	
minimum elong	-4170 Dec 24 j 23:08	2°♐55'07	1°53'51	
evening rise	-4169 Jan 03 j 05:03	20°♐36'18		
	-4169 Jan 08 j 03:43	0°♑		
asc. node	-4169 Jan 11 j 10:13	5°♑48'08		
evening max el	-4169 Jan 19 j 12:29	16°♑50'58	18°38'15	
retrograde	-4169 Jan 27 j 08:29	20°♑39'11		
evening set	-4169 Jan 29 j 19:26	20°♑18'07		
inferior conj	-4169 Feb 06 j 10:02	15°♑51'14	3°41'19	
minimum elong	-4169 Feb 06 j 13:25	15°♑44'44	3°40'39	
min. Earth dist.	-4169 Feb 09 j 18:38	13°♑17'54	0.58274 AU	
morning rise	-4169 Feb 14 j 03:47	10°♑34'49		
direct	-4169 Feb 20 j 02:11	9°♑06'56		
desc. node	-4169 Feb 23 j 01:24	9°♑28'41		
morning max el	-4169 Mar 06 j 08:18	16°♑36'27	26°19'55	
	-4169 Mar 17 j 07:39	0°♒		
	-4169 Apr 03 j 06:17	0°♓		
morning set	-4169 Apr 04 j 04:15	1°♓54'13		
asc. node	-4169 Apr 09 j 09:44	13°♓07'41		
superior conj	-4169 Apr 11 j 05:36	17°♓07'26	0°18'58	
minimum elong	-4169 Apr 11 j 04:46	17°♓02'53	0°18'44	
max. Earth dist.	-4169 Apr 11 j 13:14	17°♓49'13	1.32660 AU	
	-4169 Apr 17 j 04:46	0°♈		
evening rise	-4169 Apr 18 j 07:34	2°♈20'08		
	-4169 May 03 j 09:56	0°♉		
evening max el	-4169 May 18 j 11:13	19°♉16'21	26°46'32	
desc. node	-4169 May 22 j 00:03	22°♉19'18		
retrograde	-4169 Jun 01 j 12:06	26°♉36'37		
evening set	-4169 Jun 08 j 03:47	24°♉40'40		
min. Earth dist.	-4169 Jun 12 j 00:43	21°♉58'45	0.60433 AU	
inferior conj	-4169 Jun 15 j 08:38	19°♉12'07	-4°-17'-54	
minimum elong	-4169 Jun 15 j 09:01	19°♉11'20	4°17'46	
morning rise	-4169 Jun 22 j 17:29	14°♉27'58		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4169 Jun 25 j 05:13	14°♉04'02		
morning max el	-4169 Jul 02 j 11:06	17°♉36'02	18°09'59	
asc. node	-4169 Jul 06 j 09:23	22°♉13'30		
	-4169 Jul 11 j 08:43	0°♊		
morning set	-4169 Jul 18 j 10:11	12°♊50'40		
	-4169 Jul 27 j 16:53	0°♋		
superior conj	-4169 Jul 28 j 06:40	1°♋01'58	1°44'48	
minimum elong	-4169 Jul 28 j 09:08	1°♋12'59	1°44'52	
max. Earth dist.	-4169 Aug 04 j 19:51	14°♋10'44	1.41254 AU	
evening rise	-4169 Aug 10 j 06:06	23°♋09'15		
	-4169 Aug 14 j 13:09	0°♌		
desc. node	-4169 Aug 17 j 23:10	5°♌18'06		
	-4169 Sep 04 j 04:05	0°♍		
greatest brilliancy	-4169 Sep 08 j 00:19	4°♍51'38	-0.3m	
evening max el	-4169 Sep 12 j 20:32	10°♍17'04	22°43'29	
retrograde	-4169 Sep 22 j 16:33	16°♍06'58		
evening set	-4169 Sep 27 j 08:26	14°♍13'35		
asc. node	-4169 Oct 02 j 08:26	8°♍23'00		
inferior conj	-4169 Oct 02 j 16:47	7°♍54'13	0°07'09	
minimum elong	-4169 Oct 02 j 16:36	7°♍54'48	0°07'09	
transit middle	-4169 Oct 02 j 16:36	7°♍54'48	0°07'09	
transit begin	-4169 Oct 02 j 14:11	8°♍03'10		
transit end	-4169 Oct 02 j 19:02	7°♍46'26		
min. Earth dist.	-4169 Oct 02 j 14:02	8°♍03'40	0.67422 AU	
morning rise	-4169 Oct 08 j 00:41	1°♍38'47		
	-4169 Oct 11 j 08:22	30°℞♌		
direct	-4169 Oct 12 j 10:10	29°♌54'01		
	-4169 Oct 13 j 12:37	0°♍		
morning max el	-4169 Oct 21 j 15:31	5°♍22'45	22°01'54	
greatest brilliancy	-4169 Oct 26 j 11:09	10°♍51'23	-0.4m	
	-4169 Nov 09 j 08:07	0°♎		
desc. node	-4169 Nov 13 j 23:02	6°♎54'50		
morning set	-4169 Nov 23 j 03:17	21°♎13'12		
	-4169 Nov 28 j 12:28	0°♏		
max. Earth dist.	-4169 Nov 29 j 08:20	1°♏22'41	1.41317 AU	
superior conj	-4169 Dec 07 j 00:52	14°♏35'01	-1°-51'-45	
minimum elong	-4169 Dec 06 j 22:36	14°♏25'04	1°51'49	
	-4169 Dec 15 j 12:54	0°♐		
evening rise	-4169 Dec 17 j 12:43	3°♐41'35		
asc. node	-4169 Dec 29 j 07:18	24°♐07'07		
evening max el	-4168 Jan 02 j 20:05	29°♐42'27	18°13'28	
	-4168 Jan 03 j 03:22	0°♑		
retrograde	-4168 Jan 09 j 20:13	3°♑14'02		
evening set	-4168 Jan 12 j 09:48	2°♑46'31		
	-4168 Jan 17 j 00:37	30°℞♐		
inferior conj	-4168 Jan 19 j 10:01	27°♐57'25	4°02'43	
minimum elong	-4168 Jan 19 j 10:34	27°♐56'12	4°02'31	
min. Earth dist.	-4168 Jan 22 j 16:26	25°♐04'10	0.60264 AU	
morning rise	-4168 Jan 26 j 08:29	22°♐21'01		
direct	-4168 Feb 02 j 02:15	20°♐15'11		
desc. node	-4168 Feb 09 j 22:30	22°♐48'22		
morning max el	-4168 Feb 16 j 06:08	27°♐53'37	27°18'33	
	-4168 Feb 18 j 07:30	0°♑		
	-4168 Mar 09 j 21:57	0°♒		
morning set	-4168 Mar 18 j 13:04	16°♒45'20		
	-4168 Mar 24 j 17:51	0°♓		
max. Earth dist.	-4168 Mar 25 j 02:42	0°♓48'24	1.32586 AU	
superior conj	-4168 Mar 25 j 17:17	2°♓08'02	0°-5'-51	
minimum elong	-4168 Mar 25 j 17:33	2°♓09'29	0°05'55	
behind sun begin	-4168 Mar 25 j 12:52	1°♓43'53		
behind sun end	-4168 Mar 25 j 22:14	2°♓35'06		
asc. node	-4168 Mar 26 j 06:44	3°♓21'38		
evening rise	-4168 Apr 01 j 17:28	17°♓16'37		
	-4168 Apr 08 j 02:09	0°♈		
	-4168 Apr 28 j 14:54	0°♉		
evening max el	-4168 Apr 29 j 08:42	0°♉43'29	25°42'02	
desc. node	-4168 May 07 j 21:10	6°♉44'11		
retrograde	-4168 May 13 j 10:41	7°♉57'04		
evening set	-4168 May 19 j 03:54	6°♉39'02		
min. Earth dist.	-4168 May 23 j 21:08	3°♉53'47	0.58408 AU	
inferior conj	-4168 May 27 j 03:55	1°♉31'45	-4°-5'-4	
minimum elong	-4168 May 27 j 00:51	1°♉37'20	4°04'40	
	-4168 May 29 j 07:59	30°℞♈		
morning rise	-4168 Jun 04 j 01:46	27°♈09'30		
direct	-4168 Jun 06 j 13:06	26°♈49'49		
	-4168 Jun 13 j 23:05	0°♉		
morning max el	-4168 Jun 14 j 17:41	0°♉41'45	18°43'09	
asc. node	-4168 Jun 22 j 06:25	10°♉33'42		
morning set	-4168 Jul 01 j 02:07	26°♉41'49		
	-4168 Jul 02 j 18:50	0°♊		
superior conj	-4168 Jul 09 j 22:08	13°♊45'08	1°49'14	
minimum elong	-4168 Jul 09 j 22:03	13°♊44'44	1°49'24	
max. Earth dist.	-4168 Jul 16 j 22:47	26°♊36'06	1.39327 AU	
	-4168 Jul 18 j 21:18	0°♋		
evening rise	-4168 Jul 21 j 01:57	3°♋46'12		
desc. node	-4168 Aug 03 j 20:09	25°♋43'13		
	-4168 Aug 06 j 17:45	0°♌		
evening max el	-4168 Aug 25 j 08:50	23°♌44'20	24°04'13	
	-4168 Sep 03 j 16:59	0°♍		
retrograde	-4168 Sep 05 j 07:36	0°♍10'52		
	-4168 Sep 06 j 20:47	30°℞♌		
evening set	-4168 Sep 10 j 14:19	27°♌57'35		
inferior conj	-4168 Sep 15 j 23:01	21°♌37'02	0°-46'-19	
minimum elong	-4168 Sep 16 j 00:06	21°♌33'22	0°45'45	
min. Earth dist.	-4168 Sep 15 j 09:54	22°♌21'27	0.67314 AU	
asc. node	-4168 Sep 18 j 05:35	18°♌38'28		
morning rise	-4168 Sep 21 j 10:04	15°♌26'53		
direct	-4168 Sep 25 j 06:28	14°♌02'31		
morning max el	-4168 Oct 03 j 10:44	18°♌50'08	20°44'14	
greatest brilliancy	-4168 Oct 09 j 11:45	26°♌01'08	-0.5m	
	-4168 Oct 12 j 10:18	0°♍		
desc. node	-4168 Oct 30 j 19:59	27°♍22'15		
morning set	-4168 Nov 01 j 06:15	29°♍35'09		
	-4168 Nov 01 j 12:38	0°♎		
max. Earth dist.	-4168 Nov 10 j 15:02	14°♎26'00	1.43058 AU	
superior conj	-4168 Nov 17 j 02:36	25°♎06'07	-1°-35'-27	
minimum elong	-4168 Nov 16 j 20:46	24°♎41'43	1°35'03	
	-4168 Nov 20 j 00:13	0°♏		
evening rise	-4168 Nov 29 j 05:35	16°♏03'01		
	-4168 Dec 07 j 05:22	0°♐		
asc. node	-4168 Dec 15 j 04:24	11°♐38'17		
evening max el	-4168 Dec 16 j 07:37	12°♐51'12	18°08'24	
retrograde	-4168 Dec 22 j 22:18	16°♐19'38		
evening set	-4168 Dec 25 j 14:39	15°♐44'45		
inferior conj	-4167 Jan 01 j 03:10	10°♐33'59	3°58'05	
minimum elong	-4167 Jan 01 j 01:27	10°♐38'20	3°57'45	
min. Earth dist.	-4167 Jan 03 j 22:34	7°♐43'44	0.62214 AU	
morning rise	-4167 Jan 07 j 10:12	4°♐43'01		
direct	-4167 Jan 14 j 11:29	2°♐08'25		
desc. node	-4167 Jan 26 j 19:36	8°♐20'37		
morning max el	-4167 Jan 28 j 10:17	9°♐51'48	27°42'13	
	-4167 Feb 13 j 03:54	0°♑		
	-4167 Mar 02 j 01:30	0°♒		
morning set	-4167 Mar 02 j 17:09	1°♒19'07		
max. Earth dist.	-4167 Mar 08 j 13:15	13°♒33'57	1.32865 AU	
superior conj	-4167 Mar 10 j 03:33	17°♒00'50	0°-30'-54	
minimum elong	-4167 Mar 10 j 04:55	17°♒08'19	0°30'46	
asc. node	-4167 Mar 13 j 03:44	23°♒32'49		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4167 Mar 16 j 03:39	0°♓	
evening rise	-4167 Mar 17 j 04:58	2°♓14'01	
	-4167 Apr 01 j 12:26	0°♈	
evening max el	-4167 Apr 11 j 01:09	11°♈36'01	24°15'53
retrograde	-4167 Apr 24 j 21:52	18°♈34'18	
desc. node	-4167 Apr 24 j 18:20	18°♈34'15	
evening set	-4167 Apr 29 j 07:52	17°♈50'39	
min. Earth dist.	-4167 May 05 j 12:55	14°♈47'16	0.56639 AU
inferior conj	-4167 May 08 j 03:04	13°♈09'29	-3°-16'-28
minimum elong	-4167 May 07 j 21:21	13°♈18'32	3°15'10
morning rise	-4167 May 16 j 14:53	9°♈05'25	
direct	-4167 May 19 j 02:05	8°♈49'05	
morning max el	-4167 May 28 j 16:00	13°♈15'56	19°36'48
asc. node	-4167 Jun 09 j 03:27	29°♈30'48	
	-4167 Jun 09 j 09:52	0°♉	
morning set	-4167 Jun 15 j 02:39	11°♉00'46	
superior conj	-4167 Jun 23 j 05:27	27°♉17'37	1°44'19
minimum elong	-4167 Jun 23 j 03:40	27°♉08'49	1°44'23
	-4167 Jun 24 j 14:34	0°♊	
max. Earth dist.	-4167 Jun 29 j 01:06	8°♊28'26	1.37415 AU
evening rise	-4167 Jul 02 j 23:05	15°♊37'51	
	-4167 Jul 11 j 09:08	0°♋	
desc. node	-4167 Jul 21 j 17:11	15°♋52'14	
	-4167 Aug 01 j 06:49	0°♌	
evening max el	-4167 Aug 07 j 19:26	7°♌14'18	25°20'44
retrograde	-4167 Aug 19 j 18:39	14°♌10'27	
evening set	-4167 Aug 25 j 16:27	11°♌39'23	
min. Earth dist.	-4167 Aug 30 j 03:02	6°♌39'46	0.66884 AU
inferior conj	-4167 Aug 31 j 03:12	5°♌20'57	-1°-38'-48
minimum elong	-4167 Aug 31 j 05:29	5°♌13'33	1°37'46
	-4167 Sep 04 j 20:58	30°℞♋	
asc. node	-4167 Sep 05 j 02:43	29°♋48'30	
morning rise	-4167 Sep 05 j 19:02	29°♋19'12	
direct	-4167 Sep 09 j 04:29	28°♋12'28	
	-4167 Sep 13 j 18:58	0°♌	
morning max el	-4167 Sep 16 j 13:17	2°♌26'39	19°38'45
greatest brilliancy	-4167 Sep 25 j 02:02	13°♌19'39	-0.7m
	-4167 Oct 06 j 03:26	0°♍	
morning set	-4167 Oct 11 j 06:25	7°♍56'22	
desc. node	-4167 Oct 17 j 16:54	17°♍58'56	
max. Earth dist.	-4167 Oct 24 j 04:09	28°♍10'42	1.44266 AU
	-4167 Oct 25 j 07:39	0°♎	
superior conj	-4167 Oct 28 j 00:49	4°♎20'29	-1°-2'-28
minimum elong	-4167 Oct 27 j 18:10	3°♎53'47	1°01'43
evening rise	-4167 Nov 11 j 03:01	27°♎31'17	
	-4167 Nov 12 j 14:22	0°♏	
evening max el	-4167 Nov 29 j 20:21	26°♏10'56	18°22'17
asc. node	-4167 Dec 02 j 01:32	28°♏08'04	
retrograde	-4167 Dec 06 j 10:08	29°♏46'57	
evening set	-4167 Dec 09 j 06:23	29°♏03'21	
inferior conj	-4167 Dec 15 j 09:39	23°♏33'12	3°35'30
minimum elong	-4167 Dec 15 j 06:44	23°♏41'26	3°34'47
min. Earth dist.	-4167 Dec 17 j 14:45	21°♏03'23	0.63922 AU
morning rise	-4167 Dec 21 j 05:36	17°♏31'32	
direct	-4167 Dec 28 j 04:33	14°♏42'40	
morning max el	-4166 Jan 10 j 18:40	22°♏25'56	27°29'51
desc. node	-4166 Jan 13 j 16:39	25°♏29'51	
	-4166 Jan 17 j 12:22	0°♐	
	-4166 Feb 06 j 07:48	0°♑	
morning set	-4166 Feb 14 j 13:55	15°♑27'05	
max. Earth dist.	-4166 Feb 19 j 16:51	25°♑52'48	1.33534 AU
	-4166 Feb 21 j 15:48	0°♒	
superior conj	-4166 Feb 22 j 10:39	1°♒40'10	0°-55'-14
minimum elong	-4166 Feb 22 j 13:01	1°♒52'45	0°54'58

asc. node	-4166 Feb 28 j 00:44	13°♒37'18	
evening rise	-4166 Mar 01 j 16:20	17°♒06'19	
	-4166 Mar 08 j 03:33	0°♓	
evening max el	-4166 Mar 23 j 17:56	22°♓18'41	22°41'38
retrograde	-4166 Apr 05 j 20:42	28°♓44'04	
evening set	-4166 Apr 09 j 01:01	28°♓21'54	
desc. node	-4166 Apr 11 j 15:29	27°♓33'21	
min. Earth dist.	-4166 Apr 17 j 03:20	24°♓48'20	0.55478 AU
inferior conj	-4166 Apr 18 j 07:56	24°♓07'15	-1°-48'-3
minimum elong	-4166 Apr 18 j 03:19	24°♓13'53	1°46'37
morning rise	-4166 Apr 27 j 08:03	20°♓10'12	
direct	-4166 Apr 29 j 21:41	19°♓54'48	
morning max el	-4166 May 11 j 03:55	25°♓10'41	20°50'12
	-4166 May 15 j 12:53	0°♈	
asc. node	-4166 May 27 j 00:26	18°♈55'39	
morning set	-4166 May 30 j 09:02	25°♈40'03	
	-4166 Jun 01 j 11:27	0°♉	
superior conj	-4166 Jun 07 j 00:00	11°♉25'51	1°32'33
minimum elong	-4166 Jun 06 j 21:25	11°♉12'38	1°32'25
max. Earth dist.	-4166 Jun 11 j 09:11	20°♉14'36	1.35740 AU
evening rise	-4166 Jun 15 j 16:46	28°♉32'12	
	-4166 Jun 16 j 11:36	0°♊	
	-4166 Jul 04 j 14:48	0°♋	
desc. node	-4166 Jul 08 j 14:14	5°♋37'38	
evening max el	-4166 Jul 21 j 06:21	20°♋44'40	26°24'58
retrograde	-4166 Aug 03 j 00:56	27°♋59'27	
evening set	-4166 Aug 09 j 12:40	25°♋16'01	
min. Earth dist.	-4166 Aug 13 j 15:03	20°♋54'49	0.66109 AU
inferior conj	-4166 Aug 15 j 03:26	19°♋03'06	-2°-28'-29
minimum elong	-4166 Aug 15 j 06:40	18°♋53'09	2°27'13
morning rise	-4166 Aug 21 j 01:34	13°♋12'49	
asc. node	-4166 Aug 22 j 23:48	12°♋27'19	
direct	-4166 Aug 24 j 02:24	12°♋20'20	
morning max el	-4166 Aug 30 j 22:04	16°♋09'36	18°48'11
	-4166 Sep 10 j 03:43	0°♌	
morning set	-4166 Sep 21 j 01:15	17°♌15'14	
	-4166 Sep 29 j 01:49	0°♍	
desc. node	-4166 Oct 04 j 13:49	8°♍40'54	
superior conj	-4166 Oct 07 j 03:03	12°♍42'07	0°-16'-6
minimum elong	-4166 Oct 07 j 00:56	12°♍33'47	0°15'47
behind sun begin	-4166 Oct 06 j 21:58	12°♍22'03	
behind sun end	-4166 Oct 07 j 03:55	12°♍45'31	
max. Earth dist.	-4166 Oct 06 j 21:03	12°♍18'28	1.44807 AU
	-4166 Oct 18 j 01:22	0°♎	
evening rise	-4166 Oct 23 j 00:34	7°♎56'39	
	-4166 Nov 05 j 23:07	0°♏	
evening max el	-4166 Nov 13 j 07:36	9°♏35'43	18°54'01
asc. node	-4166 Nov 18 j 22:40	13°♏20'11	
retrograde	-4166 Nov 20 j 03:47	13°♏28'25	
evening set	-4166 Nov 23 j 05:45	12°♏34'00	
inferior conj	-4166 Nov 29 j 01:49	6°♏47'14	3°00'44
minimum elong	-4166 Nov 28 j 22:38	6°♏57'00	2°59'45
min. Earth dist.	-4166 Nov 30 j 16:28	4°♏48'27	0.65298 AU
morning rise	-4166 Dec 04 j 14:29	0°♏37'50	
	-4166 Dec 05 j 09:03	30°℞♎	
direct	-4166 Dec 11 j 04:08	27°♎49'15	
	-4166 Dec 17 j 15:46	0°♏	
morning max el	-4166 Dec 24 j 04:16	5°♏22'52	26°46'01
desc. node	-4166 Dec 31 j 13:40	13°♏46'57	
	-4165 Jan 12 j 03:15	0°♐	
morning set	-4165 Jan 28 j 23:52	28°♐57'24	
	-4165 Jan 29 j 12:58	0°♑	
max. Earth dist.	-4165 Feb 02 j 09:50	7°♑35'28	1.34636 AU
superior conj	-4165 Feb 06 j 12:26	15°♑58'35	-1°-17'-39

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4165 Feb 06 j 15:27	16°♓14'12	1°17'23
	-4165 Feb 13 j 05:10	0°♒	
evening rise	-4165 Feb 14 j 01:43	1°♒46'49	
asc. node	-4165 Feb 14 j 21:46	3°♒30'08	
	-4165 Mar 02 j 15:00	0°♓	
evening max el	-4165 Mar 05 j 17:14	3°♓18'23	21°12'37
retrograde	-4165 Mar 17 j 10:38	8°♓54'41	
evening set	-4165 Mar 19 j 22:08	8°♓40'33	
inferior conj	-4165 Mar 29 j 03:27	4°♓41'51	0°06'20
minimum elong	-4165 Mar 29 j 03:45	4°♓41'26	0°06'09
transit middle	-4165 Mar 29 j 03:45	4°♓41'26	0°06'09
transit begin	-4165 Mar 28 j 23:58	4°♓46'47	
transit end	-4165 Mar 29 j 07:31	4°♓36'05	
min. Earth dist.	-4165 Mar 29 j 17:33	4°♓21'54	0.55184 AU
desc. node	-4165 Mar 29 j 12:36	4°♓28'53	
morning rise	-4165 Apr 07 j 08:45	0°♓34'58	
direct	-4165 Apr 10 j 09:53	0°♓14'39	
morning max el	-4165 Apr 23 j 05:01	6°♓23'54	22°20'08
	-4165 May 09 j 12:24	0°♈	
asc. node	-4165 May 13 j 21:24	8°♈41'12	
morning set	-4165 May 14 j 19:09	10°♈33'36	
superior conj	-4165 May 22 j 02:19	25°♈59'24	1°15'50
minimum elong	-4165 May 21 j 23:39	25°♈45'23	1°15'31
	-4165 May 24 j 00:14	0°♉	
max. Earth dist.	-4165 May 25 j 03:12	2°♉19'40	1.34414 AU
evening rise	-4165 May 30 j 01:42	12°♉14'17	
	-4165 Jun 08 j 19:23	0°♊	
desc. node	-4165 Jun 25 j 11:18	24°♊49'20	
	-4165 Jun 29 j 19:03	0°♋	
evening max el	-4165 Jul 03 j 17:50	4°♋08'12	27°08'50
retrograde	-4165 Jul 17 j 01:53	11°♋30'52	
evening set	-4165 Jul 24 j 00:23	8°♋44'06	
min. Earth dist.	-4165 Jul 27 j 19:40	5°♋00'57	0.64965 AU
inferior conj	-4165 Jul 29 j 21:30	2°♋39'55	-3°-13'-7
minimum elong	-4165 Jul 30 j 01:15	2°♋29'19	3°11'57
	-4165 Aug 01 j 08:32	30°℞♊	
morning rise	-4165 Aug 05 j 03:28	27°♊04'26	
direct	-4165 Aug 07 j 22:07	26°♊22'55	
asc. node	-4165 Aug 09 j 20:52	26°♊43'12	
morning max el	-4165 Aug 14 j 11:06	29°♊55'31	18°14'13
	-4165 Aug 14 j 12:52	0°♋	
morning set	-4165 Sep 01 j 23:27	27°♋53'55	
	-4165 Sep 03 j 05:49	0°♌	
superior conj	-4165 Sep 16 j 05:47	21°♌09'58	0°32'39
minimum elong	-4165 Sep 16 j 09:40	21°♌25'28	0°32'17
max. Earth dist.	-4165 Sep 19 j 15:04	26°♌32'51	1.44621 AU
desc. node	-4165 Sep 21 j 10:46	29°♌25'25	
	-4165 Sep 21 j 19:33	0°♍	
evening rise	-4165 Oct 02 j 21:39	17°♍20'07	
	-4165 Oct 11 j 01:55	0°♎	
greatest brilliancy	-4165 Oct 19 j 11:20	12°♎36'20	-0.7m
evening max el	-4165 Oct 27 j 15:06	23°♎02'40	19°42'04
retrograde	-4165 Nov 04 j 00:21	27°♎20'16	
asc. node	-4165 Nov 05 j 19:46	27°♎01'17	
evening set	-4165 Nov 07 j 10:10	26°♎12'26	
inferior conj	-4165 Nov 13 j 00:51	20°♎12'03	2°17'48
minimum elong	-4165 Nov 12 j 22:04	20°♎21'10	2°16'47
min. Earth dist.	-4165 Nov 14 j 02:16	18°♎48'56	0.66317 AU
morning rise	-4165 Nov 18 j 09:16	13°♎57'29	
direct	-4165 Nov 24 j 09:26	11°♎20'35	
morning max el	-4165 Dec 06 j 13:20	18°♎31'47	25°38'31
	-4165 Dec 16 j 07:15	0°♏	
desc. node	-4165 Dec 18 j 10:39	2°♏52'10	
	-4164 Jan 05 j 03:58	0°♐	
morning set	-4164 Jan 11 j 18:28	11°♐36'31	

max. Earth dist.	-4164 Jan 15 j 15:18	18°♐48'48	1.36184 AU
superior conj	-4164 Jan 21 j 06:16	29°♐48'08	-1°-36'-32
minimum elong	-4164 Jan 21 j 09:18	0°♑03'20	1°36'26
	-4164 Jan 21 j 08:39	0°♑	
evening rise	-4164 Jan 29 j 07:15	16°♑09'37	
asc. node	-4164 Feb 01 j 18:48	23°♑06'06	
	-4164 Feb 05 j 11:20	0°♒	
evening max el	-4164 Feb 16 j 02:34	14°♒50'39	19°57'44
retrograde	-4164 Feb 26 j 03:18	19°♒36'02	
evening set	-4164 Feb 28 j 10:59	19°♒21'55	
inferior conj	-4164 Mar 08 j 03:35	15°♒21'10	1°55'39
minimum elong	-4164 Mar 08 j 08:02	15°♒14'20	1°54'09
min. Earth dist.	-4164 Mar 10 j 07:41	14°♒01'40	0.55821 AU
desc. node	-4164 Mar 15 j 09:45	11°♒24'17	
morning rise	-4164 Mar 17 j 02:07	10°♒49'28	
direct	-4164 Mar 21 j 02:55	10°♒13'33	
morning max el	-4164 Apr 03 j 22:05	17°♒06'08	23°58'53
	-4164 Apr 14 j 07:51	0°♓	
morning set	-4164 Apr 28 j 07:06	25°♓34'45	
asc. node	-4164 Apr 29 j 18:22	28°♓41'00	
	-4164 Apr 30 j 09:11	0°♈	
superior conj	-4164 May 05 j 09:44	10°♈49'21	0°55'33
minimum elong	-4164 May 05 j 07:32	10°♈37'28	0°55'10
max. Earth dist.	-4164 May 07 j 06:48	14°♈50'47	1.33457 AU
evening rise	-4164 May 12 j 21:28	26°♈29'58	
	-4164 May 14 j 15:44	0°♉	
	-4164 Jun 01 j 04:18	0°♊	
desc. node	-4164 Jun 11 j 08:23	13°♊12'25	
evening max el	-4164 Jun 15 j 04:10	17°♊11'46	27°25'23
retrograde	-4164 Jun 28 j 20:48	24°♊35'37	
evening set	-4164 Jul 06 j 00:19	21°♊57'35	
min. Earth dist.	-4164 Jul 09 j 14:57	18°♊47'53	0.63445 AU
inferior conj	-4164 Jul 12 j 06:47	16°♊05'05	-3°-49'-34
minimum elong	-4164 Jul 12 j 10:13	15°♊56'19	3°48'47
morning rise	-4164 Jul 18 j 22:03	10°♊47'43	
direct	-4164 Jul 21 j 12:42	10°♊14'29	
asc. node	-4164 Jul 26 j 17:54	12°♊26'26	
morning max el	-4164 Jul 28 j 01:53	13°♊38'57	17°57'54
	-4164 Aug 08 j 08:06	0°♋	
morning set	-4164 Aug 13 j 22:37	9°♋43'32	
	-4164 Aug 25 j 19:29	0°♌	
superior conj	-4164 Aug 26 j 05:05	0°♌39'48	1°12'02
minimum elong	-4164 Aug 26 j 10:54	1°♌03'55	1°11'34
max. Earth dist.	-4164 Sep 01 j 07:00	10°♌34'50	1.43734 AU
desc. node	-4164 Sep 07 j 07:43	20°♌08'55	
evening rise	-4164 Sep 11 j 02:54	26°♌03'54	
	-4164 Sep 13 j 16:11	0°♍	
greatest brilliancy	-4164 Oct 03 j 19:19	29°♍26'39	-0.5m
	-4164 Oct 04 j 05:31	0°♎	
evening max el	-4164 Oct 09 j 17:03	6°♎29'04	20°44'26
retrograde	-4164 Oct 17 j 21:31	11°♎19'09	
evening set	-4164 Oct 21 j 17:23	9°♎55'13	
asc. node	-4164 Oct 22 j 16:52	9°♎06'47	
inferior conj	-4164 Oct 27 j 04:21	3°♎44'32	1°29'28
minimum elong	-4164 Oct 27 j 02:23	3°♎51'12	1°28'41
min. Earth dist.	-4164 Oct 27 j 18:02	2°♎58'03	0.66987 AU
	-4164 Oct 30 j 00:52	30°℞♍	
morning rise	-4164 Nov 01 j 10:58	27°♍27'22	
direct	-4164 Nov 06 j 19:49	25°♍09'05	
	-4164 Nov 16 j 02:01	0°♎	
morning max el	-4164 Nov 17 j 22:06	1°♎45'55	24°16'51
desc. node	-4164 Dec 04 j 07:38	22°♎31'35	
	-4164 Dec 09 j 09:03	0°♏	
morning set	-4164 Dec 23 j 15:55	23°♏08'56	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4164 Dec 27 j 12:52	29°♏59'10	1.38093 AU	
	-4164 Dec 27 j 13:03	0°♐		
superior conj	-4163 Jan 03 j 12:41	12°♐59'11	-1°-49'-45	
minimum elong	-4163 Jan 03 j 14:45	13°♐09'03	1°49'51	
evening rise	-4163 Jan 12 j 06:39	0°♑08'32		
	-4163 Jan 12 j 04:55	0°♑		
asc. node	-4163 Jan 18 j 15:50	12°♑19'03		
evening max el	-4163 Jan 28 j 22:11	26°♑58'37	19°01'28	
	-4163 Feb 02 j 02:03	0°♒		
retrograde	-4163 Feb 06 j 10:45	1°♒03'44		
evening set	-4163 Feb 08 j 20:04	0°♒45'51		
	-4163 Feb 11 j 01:12	30°℞♑		
inferior conj	-4163 Feb 16 j 19:57	26°♑30'06	3°13'40	
minimum elong	-4163 Feb 17 j 00:36	26°♑21'54	3°12'32	
min. Earth dist.	-4163 Feb 19 j 22:57	24°♑19'05	0.57228 AU	
morning rise	-4163 Feb 25 j 01:24	21°♑28'32		
direct	-4163 Mar 02 j 07:50	20°♑22'56		
desc. node	-4163 Mar 02 j 06:52	20°♑22'57		
morning max el	-4163 Mar 16 j 13:08	27°♑42'52	25°33'28	
	-4163 Mar 18 j 18:50	0°♒		
	-4163 Apr 07 j 12:49	0°♓		
morning set	-4163 Apr 12 j 19:14	10°♓37'37		
asc. node	-4163 Apr 16 j 15:22	18°♓50'10		
superior conj	-4163 Apr 19 j 20:14	25°♓48'50	0°32'49	
minimum elong	-4163 Apr 19 j 18:50	25°♓41'11	0°32'30	
max. Earth dist.	-4163 Apr 20 j 17:04	27°♓42'18	1.32855 AU	
	-4163 Apr 21 j 18:27	0°♈		
evening rise	-4163 Apr 27 j 00:43	11°♈08'35		
	-4163 May 06 j 21:51	0°♉		
evening max el	-4163 May 28 j 10:47	29°♉42'36	27°10'02	
	-4163 May 28 j 18:07	0°♊		
desc. node	-4163 May 29 j 05:29	0°♊26'26		
retrograde	-4163 Jun 11 j 09:07	7°♊05'04		
evening set	-4163 Jun 18 j 08:36	4°♊49'45		
min. Earth dist.	-4163 Jun 22 j 00:13	2°♊02'30	0.61596 AU	
	-4163 Jun 24 j 06:50	30°℞♉		
inferior conj	-4163 Jun 25 j 04:06	29°♉11'32	-4°-13'-1	
minimum elong	-4163 Jun 25 j 06:00	29°♉07'14	4°12'43	
morning rise	-4163 Jul 02 j 06:09	24°♉15'06		
direct	-4163 Jul 04 j 18:35	23°♉48'12		
morning max el	-4163 Jul 11 j 15:46	27°♉14'02	18°00'03	
asc. node	-4163 Jul 13 j 14:57	29°♉22'12		
	-4163 Jul 14 j 03:18	0°♊		
morning set	-4163 Jul 27 j 17:24	22°♊29'31		
	-4163 Jul 31 j 20:19	0°♋		
superior conj	-4163 Aug 07 j 08:05	11°♋32'10	1°36'54	
minimum elong	-4163 Aug 07 j 12:09	11°♋49'49	1°36'47	
max. Earth dist.	-4163 Aug 14 j 17:40	24°♋05'00	1.42272 AU	
	-4163 Aug 18 j 08:38	0°♌		
evening rise	-4163 Aug 21 j 11:03	4°♌57'18		
desc. node	-4163 Aug 25 j 04:40	10°♌48'10		
	-4163 Sep 07 j 01:02	0°♍		
greatest brilliancy	-4163 Sep 17 j 17:17	14°♍26'15	-0.4m	
evening max el	-4163 Sep 22 j 12:39	19°♍53'51	21°57'57	
retrograde	-4163 Oct 01 j 17:27	25°♍21'57		
evening set	-4163 Oct 06 j 01:29	23°♍39'40		
asc. node	-4163 Oct 09 j 13:59	19°♍52'15		
inferior conj	-4163 Oct 11 j 10:18	17°♍22'14	0°37'45	
minimum elong	-4163 Oct 11 j 09:26	17°♍25'14	0°37'27	
min. Earth dist.	-4163 Oct 11 j 13:22	17°♍11'38	0.67343 AU	
morning rise	-4163 Oct 16 j 17:12	11°♍05'13		
direct	-4163 Oct 21 j 10:47	9°♍08'18		
morning max el	-4163 Oct 31 j 08:35	15°♍02'56	22°50'26	
greatest brilliancy	-4163 Nov 05 j 03:42	20°♍26'29	-0.3m	
	-4163 Nov 12 j 11:06	0°♎		
desc. node	-4163 Nov 21 j 04:35	12°♎34'42		
	-4163 Dec 02 j 09:22	0°♏		
morning set	-4163 Dec 04 j 10:22	3°♏19'54		
max. Earth dist.	-4163 Dec 09 j 09:22	11°♏38'54	1.40159 AU	
superior conj	-4163 Dec 17 j 03:00	25°♏18'34	-1°-54'-23	
minimum elong	-4163 Dec 17 j 02:43	25°♏17'14	1°54'33	
	-4163 Dec 19 j 16:14	0°♐		
evening rise	-4163 Dec 26 j 21:03	13°♐35'35		
	-4162 Jan 04 j 21:58	0°♑		
asc. node	-4162 Jan 05 j 12:55	1°♑00'29		
evening max el	-4162 Jan 12 j 02:09	9°♑36'14	18°25'13	
retrograde	-4162 Jan 19 j 12:37	13°♑15'58		
evening set	-4162 Jan 22 j 00:30	12°♑52'26		
inferior conj	-4162 Jan 29 j 08:41	8°♑16'11	3°54'07	
minimum elong	-4162 Jan 29 j 10:52	8°♑11'41	3°53'45	
min. Earth dist.	-4162 Feb 01 j 17:48	5°♑31'18	0.59105 AU	
morning rise	-4162 Feb 05 j 17:50	2°♑50'02		
direct	-4162 Feb 12 j 01:38	1°♑05'34		
desc. node	-4162 Feb 17 j 03:59	2°♑10'17		
morning max el	-4162 Feb 26 j 07:42	8°♑40'15	26°48'45	
	-4162 Mar 14 j 12:27	0°♒		
morning set	-4162 Mar 28 j 05:48	25°♒34'47		
	-4162 Mar 30 j 08:04	0°♓		
asc. node	-4162 Apr 03 j 12:23	9°♓03'26		
superior conj	-4162 Apr 04 j 07:58	10°♓50'38	0°08'32	
minimum elong	-4162 Apr 04 j 07:36	10°♓48'34	0°08'23	
behind sun begin	-4162 Apr 04 j 03:20	10°♓25'15		
behind sun end	-4162 Apr 04 j 11:51	11°♓11'54		
max. Earth dist.	-4162 Apr 04 j 06:18	10°♓41'29	1.32586 AU	
evening rise	-4162 Apr 11 j 08:48	26°♓00'22		
	-4162 Apr 13 j 07:17	0°♈		
	-4162 Apr 30 j 17:29	0°♉		
evening max el	-4162 May 10 j 11:39	11°♉32'29	26°22'19	
desc. node	-4162 May 16 j 02:36	16°♉02'51		
retrograde	-4162 May 24 j 13:42	18°♉51'24		
evening set	-4162 May 30 j 21:13	17°♉10'58		
min. Earth dist.	-4162 Jun 04 j 00:41	14°♉29'44	0.59559 AU	
inferior conj	-4162 Jun 07 j 09:51	11°♉50'33	-4°-16'-12	
minimum elong	-4162 Jun 07 j 08:50	11°♉52'34	4°16'04	
morning rise	-4162 Jun 15 j 00:07	7°♉16'13		
direct	-4162 Jun 17 j 11:30	6°♉54'19		
morning max el	-4162 Jun 25 j 01:54	10°♉33'08	18°21'39	
asc. node	-4162 Jun 30 j 12:00	17°♉15'20		
	-4162 Jul 07 j 22:36	0°♊		
morning set	-4162 Jul 11 j 02:49	5°♊59'35		
superior conj	-4162 Jul 20 j 11:54	23°♊39'18	1°48'00	
minimum elong	-4162 Jul 20 j 13:11	23°♊45'15	1°48'09	
	-4162 Jul 24 j 00:09	0°♋		
max. Earth dist.	-4162 Jul 27 j 22:17	6°♋51'54	1.40440 AU	
evening rise	-4162 Aug 01 j 15:42	14°♋49'53		
	-4162 Aug 11 j 04:45	0°♌		
desc. node	-4162 Aug 12 j 01:38	1°♌19'40		
greatest brilliancy	-4162 Aug 29 j 22:00	26°♌17'27	-0.2m	
	-4162 Sep 02 j 00:45	0°♍		
evening max el	-4162 Sep 05 j 02:56	3°♍19'25	23°17'55	
retrograde	-4162 Sep 15 j 10:42	9°♍26'16		
evening set	-4162 Sep 20 j 08:40	7°♍24'25		
inferior conj	-4162 Sep 25 j 16:56	1°♍03'54	0°-15'-31	
minimum elong	-4162 Sep 25 j 17:18	1°♍02'40	0°15'17	
transit middle	-4162 Sep 25 j 17:18	1°♍02'40	0°15'17	
transit begin	-4162 Sep 25 j 16:20	1°♍05'58		
transit end	-4162 Sep 25 j 18:15	0°♍59'22		
min. Earth dist.	-4162 Sep 25 j 09:50	1°♍28'18	0.67403 AU	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4162 Sep 26 j 11:06	0°♍01'43	
	-4162 Sep 26 j 11:37	30°℞♌	
morning rise	-4162 Oct 01 j 01:57	24°♌50'07	
direct	-4162 Oct 05 j 05:33	23°♌14'20	
morning max el	-4162 Oct 13 j 23:52	28°♌25'30	21°27'39
	-4162 Oct 15 j 11:24	0°♍	
greatest brilliancy	-4162 Oct 19 j 05:01	4°♍26'57	-0.4m
	-4162 Nov 06 j 03:41	0°♎	
desc. node	-4162 Nov 08 j 01:32	2°♎54'49	
morning set	-4162 Nov 14 j 00:53	12°♎11'54	
max. Earth dist.	-4162 Nov 21 j 11:08	24°♎09'31	1.42102 AU
	-4162 Nov 24 j 23:24	0°♏	
superior conj	-4162 Nov 28 j 19:42	6°♏33'06	-1°-46'-49
minimum elong	-4162 Nov 28 j 15:51	6°♏16'30	1°46'43
evening rise	-4162 Dec 09 j 22:59	26°♏23'18	
	-4162 Dec 11 j 22:40	0°♐	
asc. node	-4162 Dec 23 j 10:01	19°♐00'48	
evening max el	-4162 Dec 26 j 11:50	22°♐36'17	18°08'57
retrograde	-4161 Jan 02 j 06:50	26°♐04'56	
evening set	-4161 Jan 04 j 21:28	25°♐34'30	
inferior conj	-4161 Jan 11 j 16:26	20°♐36'22	4°03'22
minimum elong	-4161 Jan 11 j 15:54	20°♐37'37	4°03'10
min. Earth dist.	-4161 Jan 14 j 19:04	17°♐41'27	0.61116 AU
morning rise	-4161 Jan 18 j 07:48	14°♐53'05	
direct	-4161 Jan 25 j 06:15	12°♐33'02	
desc. node	-4161 Feb 04 j 01:06	16°♐30'37	
morning max el	-4161 Feb 08 j 08:18	20°♐14'42	27°32'54
	-4161 Feb 16 j 18:38	0°♑	
	-4161 Mar 07 j 07:56	0°♒	
morning set	-4161 Mar 12 j 12:53	10°♒19'20	
max. Earth dist.	-4161 Mar 18 j 18:48	23°♒35'25	1.32661 AU
superior conj	-4161 Mar 19 j 19:17	25°♒48'42	0°-16'-30
minimum elong	-4161 Mar 19 j 20:01	25°♒52'45	0°16'28
asc. node	-4161 Mar 21 j 09:23	29°♒16'40	
	-4161 Mar 21 j 17:20	0°♓	
evening rise	-4161 Mar 26 j 19:36	10°♓57'51	
	-4161 Apr 05 j 15:27	0°♈	
evening max el	-4161 Apr 22 j 06:39	22°♈42'55	25°07'15
desc. node	-4161 May 02 j 23:46	29°♈25'40	
retrograde	-4161 May 06 j 07:57	29°♈51'46	
evening set	-4161 May 11 j 12:09	28°♈49'48	
min. Earth dist.	-4161 May 16 j 19:01	25°♈58'02	0.57600 AU
inferior conj	-4161 May 19 j 20:41	23°♈52'52	-3°-49'-20
minimum elong	-4161 May 19 j 16:13	24°♈00'31	3°48'35
morning rise	-4161 May 28 j 00:25	19°♈38'56	
direct	-4161 May 30 j 11:26	19°♈20'56	
morning max el	-4161 Jun 08 j 05:17	23°♈26'23	19°03'27
	-4161 Jun 13 j 16:17	0°♉	
asc. node	-4161 Jun 17 j 09:03	5°♉52'22	
morning set	-4161 Jun 24 j 22:46	20°♉03'11	
	-4161 Jun 29 j 23:33	0°♊	
superior conj	-4161 Jul 03 j 10:42	6°♊44'45	1°48'07
minimum elong	-4161 Jul 03 j 09:46	6°♊40'19	1°48'16
max. Earth dist.	-4161 Jul 09 j 23:57	18°♊59'20	1.38494 AU
evening rise	-4161 Jul 13 j 22:44	25°♊59'36	
	-4161 Jul 16 j 06:45	0°♋	
desc. node	-4161 Jul 29 j 22:39	21°♋38'28	
	-4161 Aug 04 j 19:01	0°♌	
evening max el	-4161 Aug 18 j 14:15	16°♌47'55	24°37'54
retrograde	-4161 Aug 30 j 00:06	23°♌28'16	
evening set	-4161 Sep 04 j 13:09	21°♌07'18	
min. Earth dist.	-4161 Sep 09 j 04:54	15°♌46'08	0.67166 AU
inferior conj	-4161 Sep 09 j 22:30	14°♌47'17	-1°-8'-47
minimum elong	-4161 Sep 10 j 00:06	14°♌41'55	1°08'01
asc. node	-4161 Sep 13 j 08:15	10°♌33'59	
morning rise	-4161 Sep 15 j 11:22	8°♌40'03	
direct	-4161 Sep 19 j 02:53	7°♌23'24	
morning max el	-4161 Sep 26 j 22:03	11°♌55'55	20°14'39
greatest brilliancy	-4161 Oct 03 j 19:53	20°♌22'20	-0.6m
	-4161 Oct 10 j 13:23	0°♍	
morning set	-4161 Oct 23 j 23:28	20°♍23'47	
desc. node	-4161 Oct 25 j 22:27	23°♍26'14	
	-4161 Oct 30 j 02:59	0°♎	
max. Earth dist.	-4161 Nov 03 j 20:27	7°♎30'48	1.43648 AU
superior conj	-4161 Nov 09 j 09:38	16°♎30'43	-1°-23'-29
minimum elong	-4161 Nov 09 j 02:52	16°♎03'00	1°22'53
	-4161 Nov 17 j 11:09	0°♏	
evening rise	-4161 Nov 22 j 08:03	8°♏22'24	
	-4161 Dec 05 j 08:15	0°♐	
evening max el	-4161 Dec 10 j 00:15	5°♐50'30	18°12'07
asc. node	-4161 Dec 10 j 07:06	6°♐07'31	
retrograde	-4161 Dec 16 j 13:25	9°♐20'33	
evening set	-4161 Dec 19 j 07:22	8°♐42'04	
inferior conj	-4161 Dec 25 j 15:40	3°♐22'53	3°50'17
minimum elong	-4161 Dec 25 j 13:19	3°♐29'08	3°49'48
min. Earth dist.	-4161 Dec 28 j 05:12	0°♐39'39	0.62982 AU
	-4161 Dec 28 j 20:52	30°℞♏	
morning rise	-4161 Dec 31 j 17:31	27°♏27'17	
direct	-4160 Jan 07 j 19:04	24°♏44'37	
	-4160 Jan 18 j 21:52	0°♐	
morning max el	-4160 Jan 21 j 14:18	2°♐28'14	27°41'09
desc. node	-4160 Jan 21 j 22:11	2°♐47'46	
	-4160 Feb 11 j 01:38	0°♑	
morning set	-4160 Feb 24 j 14:13	24°♑43'29	
	-4160 Feb 27 j 04:12	0°♒	
max. Earth dist.	-4160 Mar 01 j 02:49	6°♒11'07	1.33101 AU
superior conj	-4160 Mar 03 j 04:28	10°♒37'06	0°-41'-22
minimum elong	-4160 Mar 03 j 06:18	10°♒46'55	0°41'10
asc. node	-4160 Mar 07 j 06:24	19°♒25'53	
evening rise	-4160 Mar 10 j 07:17	25°♒54'27	
	-4160 Mar 12 j 06:34	0°♓	
	-4160 Mar 30 j 15:25	0°♈	
evening max el	-4160 Apr 02 j 22:45	3°♈29'20	23°35'58
retrograde	-4160 Apr 16 j 13:29	10°♈15'08	
desc. node	-4160 Apr 18 j 20:56	10°♈03'15	
evening set	-4160 Apr 20 j 09:56	9°♈42'33	
min. Earth dist.	-4160 Apr 27 j 10:03	6°♈28'00	0.56057 AU
inferior conj	-4160 Apr 29 j 11:35	5°♈13'41	-2°-43'-36
minimum elong	-4160 Apr 29 j 05:45	5°♈22'29	2°42'01
morning rise	-4160 May 08 j 05:02	1°♈14'04	
direct	-4160 May 10 j 16:52	0°♈58'25	
morning max el	-4160 May 20 j 23:19	5°♈44'49	20°05'38
asc. node	-4160 Jun 03 j 06:04	25°♈02'51	
	-4160 Jun 05 j 19:39	0°♉	
morning set	-4160 Jun 08 j 02:08	4°♉32'25	
superior conj	-4160 Jun 15 j 23:18	20°♉34'16	1°40'02
minimum elong	-4160 Jun 15 j 21:05	20°♉23'07	1°40'01
	-4160 Jun 20 j 18:29	0°♊	
max. Earth dist.	-4160 Jun 21 j 04:28	0°♊47'47	1.36671 AU
evening rise	-4160 Jun 25 j 05:22	8°♊20'27	
	-4160 Jul 08 j 00:19	0°♋	
desc. node	-4160 Jul 15 j 19:41	11°♋38'38	
	-4160 Jul 30 j 17:10	0°♌	
evening max el	-4160 Jul 31 j 01:03	0°♌19'26	25°50'02
retrograde	-4160 Aug 12 j 08:57	7°♌23'59	
evening set	-4160 Aug 18 j 13:00	4°♌46'59	
	-4160 Aug 22 j 21:14	30°℞♋	
min. Earth dist.	-4160 Aug 22 j 20:06	0°♌03'34	0.66606 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-4160 Aug 24 j 01:14	28°♋30'46	-2°00'-20
minimum elong	-4160 Aug 24 j 03:57	28°♋22'06	1°59'10
morning rise	-4160 Aug 29 j 19:33	22°♋33'27	
asc. node	-4160 Aug 30 j 05:21	22°♋19'10	
direct	-4160 Sep 02 j 01:09	21°♋33'01	
morning max el	-4160 Sep 09 j 03:22	25°♋35'07	19°15'15
	-4160 Sep 12 j 21:54	0°♌	
morning set	-4160 Oct 02 j 05:31	29°♌04'02	
	-4160 Oct 02 j 19:48	0°♍	
desc. node	-4160 Oct 11 j 19:20	14°♍05'15	
max. Earth dist.	-4160 Oct 16 j 11:56	21°♍28'52	1.44590 AU
superior conj	-4160 Oct 18 j 21:27	25°♍16'37	0°-43'-54
minimum elong	-4160 Oct 18 j 16:07	24°♍55'28	0°43'14
	-4160 Oct 21 j 20:38	0°♎	
evening rise	-4160 Nov 02 j 19:40	19°♎24'15	
	-4160 Nov 09 j 06:02	0°♏	
evening max el	-4160 Nov 22 j 12:37	19°♏12'32	18°33'42
asc. node	-4160 Nov 26 j 04:12	22°♏05'57	
retrograde	-4160 Nov 29 j 04:08	22°♏54'26	
evening set	-4160 Dec 02 j 02:41	22°♏06'20	
inferior conj	-4160 Dec 08 j 02:36	16°♏28'31	3°21'57
minimum elong	-4160 Dec 07 j 23:29	16°♏37'42	3°21'06
min. Earth dist.	-4160 Dec 10 j 01:21	14°♏11'23	0.64550 AU
morning rise	-4160 Dec 13 j 19:04	10°♏23'26	
direct	-4160 Dec 20 j 14:41	7°♏33'22	
morning max el	-4159 Jan 02 j 23:27	15°♏13'07	27°14'47
desc. node	-4159 Jan 07 j 19:11	20°♏28'25	
	-4159 Jan 15 j 04:14	0°♐	
	-4159 Feb 02 j 17:40	0°♑	
morning set	-4159 Feb 07 j 06:50	8°♑36'43	
max. Earth dist.	-4159 Feb 12 j 02:30	18°♑16'15	1.33949 AU
superior conj	-4159 Feb 15 j 09:34	25°♑08'21	-1°-5'-3
minimum elong	-4159 Feb 15 j 12:16	25°♑22'33	1°04'47
	-4159 Feb 17 j 16:37	0°♒	
asc. node	-4159 Feb 22 j 03:23	9°♒26'08	
evening rise	-4159 Feb 22 j 18:02	10°♒42'46	
	-4159 Mar 04 j 21:11	0°♓	
evening max el	-4159 Mar 15 j 17:34	14°♓16'15	22°02'28
retrograde	-4159 Mar 28 j 07:25	20°♓22'08	
evening set	-4159 Mar 31 j 03:02	20°♓04'31	
desc. node	-4159 Apr 05 j 18:06	17°♓59'24	
inferior conj	-4159 Apr 09 j 10:57	15°♓58'32	-1°-1'-6
minimum elong	-4159 Apr 09 j 08:09	16°♓02'29	1°00'13
min. Earth dist.	-4159 Apr 08 j 23:55	16°♓14'05	0.55242 AU
morning rise	-4159 Apr 18 j 14:35	12°♓00'00	
direct	-4159 Apr 21 j 07:47	11°♓43'27	
morning max el	-4159 May 03 j 06:29	17°♓21'32	21°26'45
	-4159 May 13 j 02:56	0°♈	
asc. node	-4159 May 21 j 03:02	14°♈37'30	
morning set	-4159 May 23 j 10:21	19°♈18'55	
	-4159 May 28 j 13:04	0°♉	
superior conj	-4159 May 30 j 21:32	4°♉54'37	1°25'59
minimum elong	-4159 May 30 j 18:51	4°♉40'40	1°25'45
max. Earth dist.	-4159 Jun 03 j 16:47	12°♉41'02	1.35134 AU
evening rise	-4159 Jun 08 j 06:08	21°♉36'43	
	-4159 Jun 12 j 18:47	0°♊	
	-4159 Jul 01 j 19:30	0°♋	
desc. node	-4159 Jul 02 j 16:46	1°♋11'18	
evening max el	-4159 Jul 13 j 12:14	13°♋47'53	26°46'25
retrograde	-4159 Jul 26 j 12:55	21°♋06'45	
evening set	-4159 Aug 02 j 05:56	18°♋20'22	
min. Earth dist.	-4159 Aug 06 j 05:03	14°♋15'55	0.65677 AU
inferior conj	-4159 Aug 07 j 23:07	12°♋11'00	-2°-48'-12
minimum elong	-4159 Aug 08 j 02:38	12°♋00'31	2°46'56
morning rise	-4159 Aug 14 j 00:25	6°♋26'54	
direct	-4159 Aug 16 j 22:23	5°♋39'26	
asc. node	-4159 Aug 17 j 02:25	5°♋39'35	
morning max el	-4159 Aug 23 j 14:19	9°♋20'15	18°31'40
	-4159 Sep 06 j 23:25	0°♌	
morning set	-4159 Sep 12 j 11:48	8°♌56'52	
	-4159 Sep 25 j 15:09	0°♍	
superior conj	-4159 Sep 27 j 20:55	3°♍32'30	0°05'08
minimum elong	-4159 Sep 27 j 21:36	3°♍35'13	0°05'08
behind sun begin	-4159 Sep 27 j 10:46	2°♍52'24	
behind sun end	-4159 Sep 28 j 08:27	4°♍17'59	
desc. node	-4159 Sep 28 j 16:16	4°♍48'47	
max. Earth dist.	-4159 Sep 29 j 06:07	5°♍43'23	1.44816 AU
evening rise	-4159 Oct 14 j 06:33	29°♍22'55	
	-4159 Oct 14 j 15:56	0°♎	
	-4159 Nov 03 j 14:37	0°♏	
evening max el	-4159 Nov 05 j 22:27	2°♏38'25	19°12'32
retrograde	-4159 Nov 12 j 23:29	6°♏41'05	
asc. node	-4159 Nov 13 j 01:18	6°♏41'03	
evening set	-4159 Nov 16 j 04:30	5°♏41'15	
inferior conj	-4159 Nov 21 j 22:02	29°♎48'00	2°43'20
minimum elong	-4159 Nov 21 j 18:57	29°♎57'45	2°42'19
	-4159 Nov 21 j 18:15	30°℞♎	
min. Earth dist.	-4159 Nov 23 j 06:47	28°♎04'15	0.65767 AU
morning rise	-4159 Nov 27 j 08:32	23°♎35'57	
direct	-4159 Dec 03 j 16:39	20°♎51'28	
morning max el	-4159 Dec 16 j 09:14	28°♎17'33	26°19'48
	-4159 Dec 18 j 00:52	0°♏	
desc. node	-4159 Dec 25 j 16:09	9°♏08'08	
	-4158 Jan 08 j 22:08	0°♐	
morning set	-4158 Jan 21 j 10:54	21°♐47'23	
max. Earth dist.	-4158 Jan 25 j 14:46	29°♐46'01	1.35239 AU
	-4158 Jan 25 j 17:37	0°♑	
superior conj	-4158 Jan 30 j 08:19	9°♑15'25	-1°-26'-12
minimum elong	-4158 Jan 30 j 11:26	9°♑31'23	1°26'00
evening rise	-4158 Feb 07 j 02:02	25°♑16'40	
asc. node	-4158 Feb 09 j 00:24	29°♑12'39	
	-4158 Feb 09 j 09:51	0°♒	
evening max el	-4158 Feb 25 j 20:46	25°♒28'13	20°38'41
	-4158 Mar 04 j 19:03	0°♓	
retrograde	-4158 Mar 08 j 21:21	0°♓42'54	
evening set	-4158 Mar 11 j 05:51	0°♓29'31	
	-4158 Mar 13 j 04:02	30°℞♒	
inferior conj	-4158 Mar 20 j 06:40	26°♒31'37	0°55'16
minimum elong	-4158 Mar 20 j 09:07	26°♒28'04	0°54'19
min. Earth dist.	-4158 Mar 21 j 14:04	25°♒46'05	0.55343 AU
desc. node	-4158 Mar 23 j 15:13	24°♒37'22	
morning rise	-4158 Mar 29 j 10:39	22°♒15'32	
direct	-4158 Apr 01 j 20:10	21°♒50'25	
morning max el	-4158 Apr 15 j 03:47	28°♒20'00	23°01'44
	-4158 Apr 16 j 19:52	0°♓	
	-4158 May 05 j 19:41	0°♈	
morning set	-4158 May 07 j 21:28	4°♈16'28	
asc. node	-4158 May 08 j 00:01	4°♈29'50	
superior conj	-4158 May 15 j 02:20	19°♈36'20	1°07'37
minimum elong	-4158 May 14 j 23:49	19°♈22'55	1°07'14
max. Earth dist.	-4158 May 17 j 14:54	24°♈56'13	1.33962 AU
	-4158 May 20 j 01:37	0°♉	
evening rise	-4158 May 22 j 20:08	5°♉34'26	
	-4158 Jun 05 j 10:38	0°♊	
desc. node	-4158 Jun 19 j 13:52	20°♊04'30	
evening max el	-4158 Jun 25 j 23:14	27°♊03'33	27°19'26
	-4158 Jun 29 j 07:18	0°♋	
retrograde	-4158 Jul 09 j 11:32	4°♋28'06	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-4158 Jul 16 j 13:06	1°♋43'04	
	-4158 Jul 18 j 12:25	30°℞♊	
min. Earth dist.	-4158 Jul 20 j 05:49	28°♊15'15	0.64363 AU
inferior conj	-4158 Jul 22 j 13:47	25°♊43'21	-3°-29'-52
minimum elong	-4158 Jul 22 j 17:31	25°♊33'12	3°28'49
morning rise	-4158 Jul 28 j 23:34	20°♊15'29	
direct	-4158 Jul 31 j 16:09	19°♊37'57	
asc. node	-4158 Aug 03 j 23:28	20°♊34'08	
morning max el	-4158 Aug 07 j 04:29	23°♊06'07	18°05'04
	-4158 Aug 12 j 15:10	0°♋	
morning set	-4158 Aug 24 j 21:09	20°♋07'00	
	-4158 Aug 30 j 17:57	0°♌	
superior conj	-4158 Sep 07 j 06:39	12°♌22'07	0°51'00
minimum elong	-4158 Sep 07 j 11:58	12°♌43'36	0°50'30
max. Earth dist.	-4158 Sep 11 j 23:11	19°♌53'11	1.44317 AU
desc. node	-4158 Sep 15 j 13:12	25°♌33'20	
	-4158 Sep 18 j 09:14	0°♍	
evening rise	-4158 Sep 23 j 19:05	8°♍24'31	
	-4158 Oct 07 j 23:42	0°♎	
greatest brilliancy	-4158 Oct 13 j 03:06	7°♎23'08	-0.6m
evening max el	-4158 Oct 20 j 03:40	16°♎04'54	20°07'01
retrograde	-4158 Oct 27 j 20:37	20°♎36'00	
asc. node	-4158 Oct 30 j 22:24	19°♎41'06	
evening set	-4158 Oct 31 j 10:20	19°♎21'48	
inferior conj	-4158 Nov 05 j 23:14	13°♎16'36	1°57'49
minimum elong	-4158 Nov 05 j 20:45	13°♎24'51	1°56'53
min. Earth dist.	-4158 Nov 06 j 19:32	12°♎08'52	0.66638 AU
morning rise	-4158 Nov 11 j 06:34	7°♎00'18	
direct	-4158 Nov 17 j 00:15	4°♎30'37	
morning max el	-4158 Nov 28 j 18:05	11°♎29'24	25°04'53
desc. node	-4158 Dec 12 j 13:07	28°♎29'12	
	-4158 Dec 13 j 14:55	0°♏	
	-4157 Jan 01 j 14:49	0°♐	
morning set	-4157 Jan 03 j 21:15	4°♐00'01	
max. Earth dist.	-4157 Jan 07 j 15:45	10°♐51'56	1.36956 AU
superior conj	-4157 Jan 13 j 21:43	22°♐49'24	-1°-43'00
minimum elong	-4157 Jan 14 j 00:29	23°♐03'01	1°42'59
	-4157 Jan 17 j 12:14	0°♑	
evening rise	-4157 Jan 22 j 05:13	9°♑29'30	
asc. node	-4157 Jan 26 j 21:27	18°♑39'22	
	-4157 Feb 02 j 12:39	0°♒	
evening max el	-4157 Feb 08 j 10:35	7°♒15'41	19°31'27
retrograde	-4157 Feb 17 j 19:06	11°♒42'07	
evening set	-4157 Feb 20 j 03:00	11°♒26'51	
inferior conj	-4157 Feb 28 j 12:38	7°♒21'13	2°33'21
minimum elong	-4157 Feb 28 j 17:40	7°♒13'04	2°31'52
min. Earth dist.	-4157 Mar 03 j 04:50	5°♒37'53	0.56336 AU
morning rise	-4157 Mar 09 j 04:43	2°♒36'15	
desc. node	-4157 Mar 10 j 12:19	2°♒13'14	
direct	-4157 Mar 13 j 18:01	1°♒49'12	
morning max el	-4157 Mar 27 j 19:12	8°♒56'18	24°40'32
	-4157 Apr 12 j 08:57	0°♓	
morning set	-4157 Apr 22 j 09:42	19°♓19'04	
asc. node	-4157 Apr 24 j 21:02	24°♓34'22	
	-4157 Apr 27 j 09:17	0°♈	
superior conj	-4157 Apr 29 j 11:20	4°♈31'30	0°46'10
minimum elong	-4157 Apr 29 j 09:25	4°♈21'12	0°45'48
max. Earth dist.	-4157 Apr 30 j 21:32	7°♈36'19	1.33154 AU
evening rise	-4157 May 06 j 19:27	20°♈01'27	
	-4157 May 11 j 21:33	0°♉	
	-4157 May 30 j 15:31	0°♊	
desc. node	-4157 Jun 06 j 10:57	8°♊01'47	
evening max el	-4157 Jun 08 j 08:22	9°♊55'25	27°22'58
retrograde	-4157 Jun 22 j 04:08	17°♊19'27	
evening set	-4157 Jun 29 j 07:00	14°♊49'29	
min. Earth dist.	-4157 Jul 02 j 21:05	11°♊50'49	0.62687 AU
inferior conj	-4157 Jul 05 j 18:27	9°♊02'23	-4°-1'-31
minimum elong	-4157 Jul 05 j 21:24	8°♊55'12	4°00'57
morning rise	-4157 Jul 12 j 14:08	3°♊53'32	
direct	-4157 Jul 15 j 03:31	3°♊23'19	
asc. node	-4157 Jul 21 j 20:33	6°♊50'40	
morning max el	-4157 Jul 21 j 19:17	6°♊47'31	17°56'26
	-4157 Aug 05 j 21:16	0°♋	
morning set	-4157 Aug 07 j 05:27	2°♋23'07	
superior conj	-4157 Aug 18 j 17:44	22°♋27'26	1°24'24
minimum elong	-4157 Aug 18 j 23:06	22°♋50'05	1°24'03
	-4157 Aug 23 j 06:18	0°♌	
max. Earth dist.	-4157 Aug 25 j 12:45	3°♌42'32	1.43172 AU
desc. node	-4157 Sep 02 j 10:11	16°♌15'58	
evening rise	-4157 Sep 02 j 23:02	17°♌06'04	
	-4157 Sep 11 j 09:25	0°♍	
greatest brilliancy	-4157 Sep 27 j 19:55	23°♍21'26	-0.4m
evening max el	-4157 Oct 03 j 03:01	29°♍31'15	21°14'37
	-4157 Oct 03 j 14:27	0°♎	
retrograde	-4157 Oct 11 j 17:26	4°♎36'57	
evening set	-4157 Oct 15 j 18:09	3°♎05'40	
asc. node	-4157 Oct 17 j 19:31	1°♎09'23	
	-4157 Oct 18 j 19:11	30°℞♍	
inferior conj	-4157 Oct 21 j 04:03	26°♍51'53	1°07'50
minimum elong	-4157 Oct 21 j 02:31	26°♍57'06	1°07'14
min. Earth dist.	-4157 Oct 21 j 13:12	26°♍20'30	0.67181 AU
morning rise	-4157 Oct 26 j 10:31	20°♍34'20	
direct	-4157 Oct 31 j 12:55	18°♍24'42	
morning max el	-4157 Nov 11 j 03:01	24°♍44'08	23°39'57
	-4157 Nov 15 j 20:28	0°♎	
desc. node	-4157 Nov 29 j 10:06	18°♎19'52	
	-4157 Dec 07 j 02:57	0°♏	
morning set	-4157 Dec 16 j 07:45	14°♏58'43	
max. Earth dist.	-4157 Dec 20 j 11:28	22°♏09'02	1.38973 AU
	-4157 Dec 24 j 20:29	0°♐	
superior conj	-4157 Dec 27 j 21:55	5°♐40'10	-1°-52'-59
minimum elong	-4157 Dec 27 j 23:10	5°♐45'59	1°53'08
evening rise	-4156 Jan 06 j 01:08	23°♐15'21	
	-4156 Jan 09 j 13:18	0°♑	
asc. node	-4156 Jan 13 j 18:30	7°♑39'45	
evening max el	-4156 Jan 22 j 10:08	19°♑37'20	18°43'35
retrograde	-4156 Jan 30 j 09:57	23°♑29'17	
evening set	-4156 Feb 01 j 20:32	23°♑09'03	
inferior conj	-4156 Feb 09 j 13:29	18°♑45'09	3°35'13
minimum elong	-4156 Feb 09 j 17:15	18°♑38'04	3°34'26
min. Earth dist.	-4156 Feb 12 j 21:10	16°♑16'58	0.57993 AU
morning rise	-4156 Feb 17 j 10:18	13°♑32'29	
direct	-4156 Feb 23 j 04:53	12°♑10'31	
desc. node	-4156 Feb 25 j 09:27	12°♑22'18	
morning max el	-4156 Mar 08 j 10:54	19°♑37'44	26°08'44
	-4156 Mar 17 j 06:31	0°♒	
	-4156 Apr 03 j 19:01	0°♓	
morning set	-4156 Apr 05 j 21:22	4°♓20'02	
asc. node	-4156 Apr 10 j 18:02	14°♓45'43	
superior conj	-4156 Apr 12 j 22:32	19°♓32'35	0°22'39
minimum elong	-4156 Apr 12 j 21:33	19°♓27'12	0°22'24
max. Earth dist.	-4156 Apr 13 j 09:33	20°♓32'46	1.32697 AU
	-4156 Apr 17 j 18:27	0°♈	
evening rise	-4156 Apr 20 j 01:02	4°♈46'53	
	-4156 May 03 j 15:03	0°♉	
evening max el	-4156 May 20 j 13:01	22°♉10'41	26°53'44
desc. node	-4156 May 23 j 08:06	24°♉38'51	
retrograde	-4156 Jun 03 j 13:13	29°♉31'20	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-4156 Jun 10 j 07:22	27°♉30'04		
min. Earth dist.	-4156 Jun 14 j 02:33	24°♉47'22	0.60738 AU	
inferior conj	-4156 Jun 17 j 09:40	21°♉59'02	-4°-17'-25	
minimum elong	-4156 Jun 17 j 10:29	21°♉57'16	4°17'16	
morning rise	-4156 Jun 24 j 16:41	17°♉11'34		
direct	-4156 Jun 27 j 04:37	16°♉46'52		
morning max el	-4156 Jul 04 j 07:52	20°♉16'49	18°06'46	
asc. node	-4156 Jul 07 j 17:38	24°♉12'47		
	-4156 Jul 11 j 14:44	0°♊		
morning set	-4156 Jul 20 j 07:05	15°♊29'58		
	-4156 Jul 28 j 03:53	0°♋		
superior conj	-4156 Jul 30 j 07:57	3°♋53'25	1°43'08	
minimum elong	-4156 Jul 30 j 10:50	4°♋06'15	1°43'10	
max. Earth dist.	-4156 Aug 06 j 21:11	16°♋56'52	1.41532 AU	
evening rise	-4156 Aug 12 j 14:29	26°♋20'59		
	-4156 Aug 14 j 21:22	0°♌		
desc. node	-4156 Aug 19 j 07:10	6°♌52'47		
	-4156 Sep 04 j 04:45	0°♍		
greatest brilliancy	-4156 Sep 10 j 02:22	7°♍37'11	-0.3m	
evening max el	-4156 Sep 14 j 20:19	12°♍56'53	22°31'32	
retrograde	-4156 Sep 24 j 12:14	18°♍40'59		
evening set	-4156 Sep 29 j 02:06	16°♍50'25		
asc. node	-4156 Oct 03 j 16:39	11°♍32'58		
inferior conj	-4156 Oct 04 j 10:31	10°♍31'30	0°15'16	
minimum elong	-4156 Oct 04 j 10:09	10°♍32'44	0°15'10	
transit middle	-4156 Oct 04 j 10:09	10°♍32'44	0°15'10	
transit begin	-4156 Oct 04 j 09:09	10°♍36'13		
transit end	-4156 Oct 04 j 11:10	10°♍29'14		
min. Earth dist.	-4156 Oct 04 j 09:15	10°♍35'50	0.67414 AU	
morning rise	-4156 Oct 09 j 18:06	4°♍15'40		
direct	-4156 Oct 14 j 05:39	2°♍27'47		
morning max el	-4156 Oct 23 j 15:08	8°♍02'57	22°14'17	
greatest brilliancy	-4156 Oct 28 j 08:46	13°♍24'31	-0.4m	
	-4156 Nov 09 j 13:11	0°♎		
desc. node	-4156 Nov 15 j 07:04	8°♎31'20		
morning set	-4156 Nov 25 j 13:50	24°♎34'08		
	-4156 Nov 28 j 21:44	0°♏		
max. Earth dist.	-4156 Dec 01 j 10:06	4°♏11'17	1.41025 AU	
superior conj	-4156 Dec 09 j 03:49	17°♏34'26	-1°-52'-54	
minimum elong	-4156 Dec 09 j 02:06	17°♏26'50	1°53'01	
	-4156 Dec 15 j 23:37	0°♐		
evening rise	-4156 Dec 19 j 10:44	6°♐27'13		
asc. node	-4156 Dec 30 j 15:34	26°♐05'22		
	-4155 Jan 02 j 12:11	0°♑		
evening max el	-4155 Jan 04 j 16:56	2°♑26'05	18°15'51	
retrograde	-4155 Jan 11 j 19:24	5°♑59'25		
evening set	-4155 Jan 14 j 08:33	5°♑32'56		
inferior conj	-4155 Jan 21 j 10:43	0°♑47'03	4°01'21	
minimum elong	-4155 Jan 21 j 11:41	0°♑44'56	4°01'07	
	-4155 Jan 22 j 08:10	30°℞♐		
min. Earth dist.	-4155 Jan 24 j 18:06	27°♐55'18	0.59964 AU	
morning rise	-4155 Jan 28 j 11:51	25°♐13'04		
direct	-4155 Feb 04 j 03:21	23°♐12'41		
desc. node	-4155 Feb 11 j 06:33	25°♐19'24		
	-4155 Feb 17 j 10:53	0°♑		
morning max el	-4155 Feb 18 j 07:55	0°♑50'05	27°11'55	
	-4155 Mar 11 j 06:45	0°♒		
morning set	-4155 Mar 21 j 06:42	19°♒13'09		
	-4155 Mar 26 j 08:07	0°♓		
superior conj	-4155 Mar 28 j 10:17	4°♓33'45	0°-2'-4	
minimum elong	-4155 Mar 28 j 10:23	4°♓34'18	0°02'08	
behind sun begin	-4155 Mar 28 j 05:25	4°♓07'05		
behind sun end	-4155 Mar 28 j 15:21	5°♓01'30		
max. Earth dist.	-4155 Mar 27 j 23:08	3°♓32'48	1.32578 AU	
asc. node	-4155 Mar 28 j 15:03	4°♓59'49		
evening rise	-4155 Apr 04 j 10:33	19°♓42'28		
	-4155 Apr 09 j 12:50	0°♈		
	-4155 Apr 28 j 22:07	0°♉		
evening max el	-4155 May 02 j 11:16	3°♉42'58	25°53'11	
desc. node	-4155 May 10 j 05:13	9°♉23'28		
retrograde	-4155 May 16 j 13:18	10°♉58'09		
evening set	-4155 May 22 j 10:39	9°♉34'15		
min. Earth dist.	-4155 May 26 j 23:45	6°♉50'37	0.58703 AU	
inferior conj	-4155 May 30 j 07:41	4°♉23'26	-4°-9'-7	
minimum elong	-4155 May 30 j 05:09	4°♉28'08	4°08'49	
morning rise	-4155 Jun 07 j 03:32	29°♈58'16		
	-4155 Jun 07 j 00:59	30°℞♈		
direct	-4155 Jun 09 j 14:56	29°♈38'00		
	-4155 Jun 12 j 03:08	0°♉		
morning max el	-4155 Jun 17 j 15:25	3°♉25'55	18°36'58	
asc. node	-4155 Jun 24 j 14:41	12°♉26'02		
morning set	-4155 Jul 03 j 21:24	29°♉15'38		
	-4155 Jul 04 j 06:35	0°♊		
superior conj	-4155 Jul 12 j 20:33	16°♊27'34	1°49'13	
minimum elong	-4155 Jul 12 j 20:48	16°♊28'44	1°49'24	
max. Earth dist.	-4155 Jul 20 j 00:25	29°♊27'27	1.39615 AU	
	-4155 Jul 20 j 07:51	0°♋		
evening rise	-4155 Jul 24 j 06:16	6°♋45'46		
desc. node	-4155 Aug 06 j 04:10	27°♋19'46		
	-4155 Aug 07 j 23:09	0°♌		
evening max el	-4155 Aug 28 j 08:58	26°♌23'24	23°52'18	
	-4155 Sep 01 j 11:24	0°♍		
retrograde	-4155 Sep 08 j 03:55	2°♍45'10		
evening set	-4155 Sep 13 j 08:22	0°♍34'42		
	-4155 Sep 13 j 23:42	30°℞♌		
min. Earth dist.	-4155 Sep 18 j 05:19	24°♌53'21	0.67346 AU	
inferior conj	-4155 Sep 18 j 16:53	24°♌13'58	0°-38'-13	
minimum elong	-4155 Sep 18 j 17:47	24°♌10'56	0°37'45	
asc. node	-4155 Sep 20 j 13:48	21°♌44'46		
morning rise	-4155 Sep 24 j 03:22	18°♌02'52		
direct	-4155 Sep 28 j 01:33	16°♌35'42		
morning max el	-4155 Oct 06 j 09:19	21°♌29'13	20°55'07	
greatest brilliancy	-4155 Oct 12 j 04:22	28°♌19'03	-0.5m	
	-4155 Oct 13 j 10:58	0°♍		
desc. node	-4155 Nov 02 j 03:59	28°♍56'56		
	-4155 Nov 02 j 20:18	0°♎		
morning set	-4155 Nov 04 j 19:12	3°♎02'10		
max. Earth dist.	-4155 Nov 13 j 15:31	17°♎06'29	1.42822 AU	
superior conj	-4155 Nov 20 j 09:32	28°♎16'54	-1°-38'-59	
minimum elong	-4155 Nov 20 j 04:10	27°♎54'17	1°38'41	
	-4155 Nov 21 j 09:53	0°♏		
evening rise	-4155 Dec 02 j 06:05	18°♏55'50		
	-4155 Dec 08 j 12:19	0°♐		
asc. node	-4155 Dec 17 j 12:40	13°♐44'40		
evening max el	-4155 Dec 19 j 04:02	15°♐32'45	18°07'55	
retrograde	-4155 Dec 25 j 19:37	19°♐01'03		
evening set	-4155 Dec 28 j 11:27	18°♐27'24		
inferior conj	-4154 Jan 04 j 01:34	13°♐19'51	4°00'05	
minimum elong	-4154 Jan 04 j 00:07	13°♐23'26	3°59'48	
min. Earth dist.	-4154 Jan 06 j 22:58	10°♐27'42	0.61934 AU	
morning rise	-4154 Jan 10 j 10:36	7°♐30'37		
direct	-4154 Jan 17 j 11:24	4°♐59'21		
desc. node	-4154 Jan 29 j 03:38	10°♐34'05		
morning max el	-4154 Jan 31 j 11:18	12°♐42'42	27°40'57	
	-4154 Feb 14 j 07:08	0°♑		
	-4154 Mar 03 j 13:53	0°♒		
morning set	-4154 Mar 05 j 11:38	3°♒50'14		
max. Earth dist.	-4154 Mar 11 j 10:19	16°♒21'09	1.32802 AU	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4154 Mar 12 j 20:52	19°♒28'15	0°-27'-8
minimum elong	-4154 Mar 12 j 22:05	19°♒34'51	0°27'01
asc. node	-4154 Mar 15 j 12:01	25°♒11'41	
	-4154 Mar 17 j 17:19	0°♓	
evening rise	-4154 Mar 19 j 21:55	4°♓40'08	
	-4154 Apr 02 j 13:56	0°♈	
evening max el	-4154 Apr 14 j 04:08	14°♈39'12	24°29'27
desc. node	-4154 Apr 27 j 02:22	21°♈38'39	
retrograde	-4154 Apr 28 j 02:31	21°♈40'59	
evening set	-4154 May 02 j 17:12	20°♈52'57	
min. Earth dist.	-4154 May 08 j 16:04	17°♈52'53	0.56871 AU
inferior conj	-4154 May 11 j 09:47	16°♈07'29	-3°-26'-29
minimum elong	-4154 May 11 j 04:18	16°♈16'22	3°25'18
morning rise	-4154 May 19 j 19:32	12°♈01'13	
direct	-4154 May 22 j 06:34	11°♈44'33	
morning max el	-4154 May 31 j 15:08	16°♈05'27	19°27'34
	-4154 Jun 10 j 18:01	0°♉	
asc. node	-4154 Jun 11 j 11:42	1°♉18'14	
morning set	-4154 Jun 17 j 20:48	13°♉30'47	
superior conj	-4154 Jun 26 j 01:47	29°♉53'40	1°45'33
minimum elong	-4154 Jun 26 j 00:12	29°♉45'53	1°45'39
	-4154 Jun 26 j 03:05	0°♊	
max. Earth dist.	-4154 Jul 02 j 02:12	11°♊22'25	1.37684 AU
evening rise	-4154 Jul 05 j 23:52	18°♊27'03	
	-4154 Jul 12 j 17:51	0°♋	
desc. node	-4154 Jul 24 j 01:11	17°♋31'49	
	-4154 Aug 02 j 04:11	0°♌	
evening max el	-4154 Aug 10 j 19:37	9°♌53'07	25°09'59
retrograde	-4154 Aug 22 j 15:38	16°♌45'50	
evening set	-4154 Aug 28 j 11:09	14°♌17'15	
min. Earth dist.	-4154 Sep 01 j 23:02	9°♌11'56	0.66964 AU
inferior conj	-4154 Sep 02 j 21:28	7°♌58'12	-1°-30'-59
minimum elong	-4154 Sep 02 j 23:34	7°♌51'18	1°30'01
asc. node	-4154 Sep 07 j 10:54	2°♌43'49	
morning rise	-4154 Sep 08 j 12:28	1°♌54'52	
direct	-4154 Sep 11 j 23:23	0°♌45'43	
morning max el	-4154 Sep 19 j 10:45	5°♌04'35	19°47'36
greatest brilliancy	-4154 Sep 27 j 11:38	15°♌12'08	-0.6m
	-4154 Oct 07 j 10:05	0°♍	
morning set	-4154 Oct 14 j 18:10	11°♍18'57	
desc. node	-4154 Oct 20 j 00:54	19°♍32'33	
	-4154 Oct 26 j 16:11	0°♎	
max. Earth dist.	-4154 Oct 27 j 03:32	0°♎45'09	1.44127 AU
superior conj	-4154 Oct 31 j 11:42	7°♎42'14	-1°-8'-29
minimum elong	-4154 Oct 31 j 04:50	7°♎14'33	1°07'46
	-4154 Nov 13 j 23:00	0°♏	
evening rise	-4154 Nov 14 j 06:39	0°♏32'23	
evening max el	-4154 Dec 02 j 16:44	28°♏51'09	18°19'04
	-4154 Dec 03 j 21:56	0°♐	
asc. node	-4154 Dec 04 j 09:44	0°♐24'34	
retrograde	-4154 Dec 09 j 06:09	2°♐25'18	
evening set	-4154 Dec 12 j 01:44	1°♐43'08	
	-4154 Dec 14 j 14:05	30°℞♏	
inferior conj	-4154 Dec 18 j 06:14	26°♏15'51	3°39'46
minimum elong	-4154 Dec 18 j 03:26	26°♏23'38	3°39'08
min. Earth dist.	-4154 Dec 20 j 13:35	23°♏42'04	0.63691 AU
morning rise	-4154 Dec 24 j 03:36	20°♏15'37	
direct	-4154 Dec 31 j 03:30	17°♏27'44	
morning max el	-4153 Jan 13 j 19:05	25°♏11'36	27°33'47
desc. node	-4153 Jan 16 j 00:40	27°♏30'26	
	-4153 Jan 18 j 05:50	0°♐	
	-4153 Feb 07 j 16:57	0°♑	
morning set	-4153 Feb 17 j 09:39	18°♑02'35	
max. Earth dist.	-4153 Feb 22 j 15:02	28°♑44'01	1.33408 AU
	-4153 Feb 23 j 05:28	0°♒	

superior conj	-4153 Feb 25 j 04:33	4°♒10'05	0°-51'-38
minimum elong	-4153 Feb 25 j 06:47	4°♒22'00	0°51'24
asc. node	-4153 Mar 02 j 09:00	15°♒17'28	
evening rise	-4153 Mar 04 j 09:22	19°♒33'33	
	-4153 Mar 09 j 13:22	0°♓	
evening max el	-4153 Mar 26 j 20:32	25°♓22'08	22°55'37
	-4153 Apr 02 j 01:18	0°♈	
retrograde	-4153 Apr 09 j 03:01	1°♈53'20	
evening set	-4153 Apr 12 j 11:03	1°♈29'00	
desc. node	-4153 Apr 13 j 23:31	1°♈02'45	
	-4153 Apr 16 j 13:15	30°℞♓	
min. Earth dist.	-4153 Apr 20 j 06:42	28°♓00'46	0.55601 AU
inferior conj	-4153 Apr 21 j 17:02	27°♓10'59	-2°-3'-42
minimum elong	-4153 Apr 21 j 11:57	27°♓18'24	2°02'10
morning rise	-4153 Apr 30 j 15:34	23°♓13'40	
direct	-4153 May 03 j 04:28	22°♓58'21	
morning max el	-4153 May 14 j 04:38	28°♓06'32	20°38'05
	-4153 May 16 j 01:41	0°♈	
asc. node	-4153 May 29 j 08:41	20°♈39'41	
morning set	-4153 Jun 02 j 02:26	28°♈07'36	
	-4153 Jun 03 j 00:23	0°♉	
superior conj	-4153 Jun 09 j 18:52	13°♉57'16	1°34'42
minimum elong	-4153 Jun 09 j 16:21	13°♉44'28	1°34'35
max. Earth dist.	-4153 Jun 14 j 09:06	23°♉07'54	1.35969 AU
	-4153 Jun 17 j 23:09	0°♊	
evening rise	-4153 Jun 18 j 14:50	1°♊13'14	
	-4153 Jul 05 j 19:31	0°♋	
desc. node	-4153 Jul 10 j 22:15	7°♋21'28	
evening max el	-4153 Jul 24 j 06:29	23°♋24'05	26°16'34
	-4153 Aug 02 j 15:18	0°♌	
retrograde	-4153 Aug 05 j 22:35	0°♌36'37	
	-4153 Aug 09 j 00:57	30°℞♋	
evening set	-4153 Aug 12 j 08:21	27°♋54'44	
min. Earth dist.	-4153 Aug 16 j 11:57	23°♋27'39	0.66246 AU
inferior conj	-4153 Aug 17 j 22:23	21°♋40'51	-2°-21'-16
minimum elong	-4153 Aug 18 j 01:30	21°♋31'11	2°20'00
morning rise	-4153 Aug 23 j 19:28	15°♋48'32	
asc. node	-4153 Aug 25 j 07:59	15°♋08'02	
direct	-4153 Aug 26 j 21:28	14°♋54'04	
morning max el	-4153 Sep 02 j 18:38	18°♋46'29	18°54'41
	-4153 Sep 11 j 07:55	0°♌	
morning set	-4153 Sep 24 j 09:18	20°♌26'53	
	-4153 Sep 30 j 10:04	0°♍	
desc. node	-4153 Oct 06 j 21:48	10°♍13'58	
max. Earth dist.	-4153 Oct 09 j 20:04	14°♍50'46	1.44776 AU
superior conj	-4153 Oct 10 j 15:49	16°♍08'40	0°-23'-36
minimum elong	-4153 Oct 10 j 12:45	15°♍56'33	0°23'09
	-4153 Oct 19 j 09:38	0°♎	
evening rise	-4153 Oct 26 j 07:53	11°♎07'19	
	-4153 Nov 07 j 02:35	0°♏	
evening max el	-4153 Nov 16 j 04:22	12°♏15'37	18°48'14
asc. node	-4153 Nov 21 j 06:50	15°♏49'30	
retrograde	-4153 Nov 22 j 23:05	16°♏05'06	
evening set	-4153 Nov 26 j 00:08	15°♏12'22	
inferior conj	-4153 Dec 01 j 21:08	9°♏27'53	3°06'34
minimum elong	-4153 Dec 01 j 17:57	9°♏37'34	3°05'37
min. Earth dist.	-4153 Dec 03 j 13:53	7°♏24'09	0.65119 AU
morning rise	-4153 Dec 07 j 10:42	3°♏19'38	
direct	-4153 Dec 14 j 02:07	0°♏30'12	
morning max el	-4153 Dec 27 j 04:33	8°♏05'35	26°54'17
desc. node	-4152 Jan 02 j 21:40	15°♏38'44	
	-4152 Jan 13 j 08:10	0°♐	
	-4152 Jan 31 j 00:37	0°♑	
morning set	-4152 Jan 31 j 21:29	1°♑39'37	
max. Earth dist.	-4152 Feb 05 j 09:49	10°♑32'49	1.34440 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4152 Feb 09 j 07:18	18°♑32'33	-1°-14'-25
minimum elong	-4152 Feb 09 j 10:14	18°♑47'54	1°14'11
	-4152 Feb 14 j 18:04	0°♒	
evening rise	-4152 Feb 16 j 19:12	4°♒16'46	
asc. node	-4152 Feb 17 j 06:00	5°♒12'44	
	-4152 Mar 02 j 07:14	0°♓	
evening max el	-4152 Mar 07 j 18:39	6°♓18'50	21°25'12
retrograde	-4152 Mar 19 j 17:34	12°♓02'51	
evening set	-4152 Mar 22 j 06:47	11°♓48'04	
desc. node	-4152 Mar 30 j 20:39	8°♓11'30	
inferior conj	-4152 Mar 31 j 13:13	7°♓48'11	0°-11'-28
minimum elong	-4152 Mar 31 j 12:41	7°♓48'57	0°11'23
transit middle	-4152 Mar 31 j 12:41	7°♓48'57	0°11'23
transit begin	-4152 Mar 31 j 09:50	7°♓52'58	
transit end	-4152 Mar 31 j 15:32	7°♓44'56	
min. Earth dist.	-4152 Mar 31 j 20:51	7°♓37'27	0.55169 AU
morning rise	-4152 Apr 09 j 18:27	3°♓44'05	
direct	-4152 Apr 12 j 17:14	3°♓24'58	
morning max el	-4152 Apr 25 j 07:16	9°♓26'14	22°05'52
	-4152 May 09 j 21:45	0°♈	
asc. node	-4152 May 15 j 05:40	10°♈23'05	
morning set	-4152 May 16 j 12:09	13°♈00'06	
superior conj	-4152 May 23 j 20:15	28°♈28'09	1°18'38
minimum elong	-4152 May 23 j 17:34	28°♈14'03	1°18'20
	-4152 May 24 j 13:47	0°♉	
max. Earth dist.	-4152 May 27 j 01:47	5°♉10'40	1.34593 AU
evening rise	-4152 May 31 j 21:51	14°♉49'38	
	-4152 Jun 09 j 04:24	0°♊	
desc. node	-4152 Jun 26 j 19:20	26°♊39'15	
	-4152 Jun 29 j 11:51	0°♋	
evening max el	-4152 Jul 05 j 18:03	6°♋49'41	27°03'49
retrograde	-4152 Jul 19 j 00:14	14°♋11'13	
evening set	-4152 Jul 25 j 21:30	11°♋24'17	
min. Earth dist.	-4152 Jul 29 j 17:46	7°♋35'41	0.65165 AU
inferior conj	-4152 Jul 31 j 17:32	5°♋18'45	-3°-6'-51
minimum elong	-4152 Jul 31 j 21:14	5°♋08'06	3°05'38
	-4152 Aug 06 j 08:24	30°℞♊	
morning rise	-4152 Aug 06 j 22:14	29°♊40'52	
direct	-4152 Aug 09 j 17:42	28°♊57'51	
asc. node	-4152 Aug 11 j 05:04	29°♊09'35	
	-4152 Aug 13 j 04:03	0°♋	
morning max el	-4152 Aug 16 j 07:10	2°♋32'13	18°18'10
	-4152 Sep 03 j 14:21	0°♌	
morning set	-4152 Sep 04 j 03:22	0°♌53'45	
superior conj	-4152 Sep 18 j 16:54	24°♌30'58	0°25'41
minimum elong	-4152 Sep 18 j 20:04	24°♌43'33	0°25'24
max. Earth dist.	-4152 Sep 21 j 14:23	29°♌06'21	1.44696 AU
	-4152 Sep 22 j 03:58	0°♍	
desc. node	-4152 Sep 22 j 18:45	0°♍58'17	
evening rise	-4152 Oct 05 j 08:21	20°♍39'24	
	-4152 Oct 11 j 08:21	0°♎	
greatest brilliancy	-4152 Oct 20 j 20:26	14°♎27'46	-0.7m
evening max el	-4152 Oct 29 j 12:34	25°♎42'34	19°33'58
retrograde	-4152 Nov 05 j 19:25	29°♎55'57	
asc. node	-4152 Nov 07 j 03:57	29°♎45'19	
evening set	-4152 Nov 09 j 03:58	28°♎50'12	
inferior conj	-4152 Nov 14 j 19:19	22°♎51'31	2°24'42
minimum elong	-4152 Nov 14 j 16:27	23°♎00'52	2°23'41
min. Earth dist.	-4152 Nov 15 j 22:34	21°♎23'09	0.66185 AU
morning rise	-4152 Nov 20 j 04:12	16°♎37'37	
direct	-4152 Nov 26 j 06:30	13°♎58'36	
morning max el	-4152 Dec 08 j 13:51	21°♎13'51	25°49'47
	-4152 Dec 16 j 05:41	0°♏	
desc. node	-4152 Dec 19 j 18:38	4°♏37'49	
	-4151 Jan 05 j 12:46	0°♐	
morning set	-4151 Jan 13 j 18:44	14°♐27'32	
max. Earth dist.	-4151 Jan 17 j 17:07	21°♐50'28	1.35925 AU
	-4151 Jan 21 j 21:10	0°♑	
superior conj	-4151 Jan 23 j 02:32	2°♑27'11	-1°-33'-59
minimum elong	-4151 Jan 23 j 05:37	2°♑42'44	1°33'51
evening rise	-4151 Jan 31 j 01:28	18°♑42'59	
asc. node	-4151 Feb 03 j 03:02	24°♑51'51	
	-4151 Feb 05 j 19:25	0°♒	
evening max el	-4151 Feb 18 j 02:22	17°♒45'43	20°07'48
retrograde	-4151 Feb 28 j 09:12	22°♒38'32	
evening set	-4151 Mar 02 j 16:53	22°♒24'44	
inferior conj	-4151 Mar 11 j 11:46	18°♒25'04	1°40'38
minimum elong	-4151 Mar 11 j 15:50	18°♒18'57	1°39'14
min. Earth dist.	-4151 Mar 13 j 10:51	17°♒14'21	0.55669 AU
desc. node	-4151 Mar 17 j 17:46	14°♒57'58	
morning rise	-4151 Mar 20 j 12:08	13°♒57'50	
direct	-4151 Mar 24 j 08:40	13°♒25'15	
morning max el	-4151 Apr 07 j 01:17	20°♒12'08	23°44'05
	-4151 Apr 15 j 07:34	0°♓	
morning set	-4151 Apr 30 j 23:59	28°♓00'54	
	-4151 May 01 j 22:38	0°♈	
asc. node	-4151 May 02 j 02:40	0°♈21'22	
superior conj	-4151 May 08 j 03:06	13°♈16'29	0°58'49
minimum elong	-4151 May 08 j 00:48	13°♈04'07	0°58'27
max. Earth dist.	-4151 May 10 j 04:10	17°♈38'26	1.33579 AU
evening rise	-4151 May 15 j 16:16	29°♈01'15	
	-4151 May 16 j 04:03	0°♉	
	-4151 Jun 02 j 07:37	0°♊	
desc. node	-4151 Jun 13 j 16:26	15°♊10'58	
evening max el	-4151 Jun 18 j 04:38	19°♊56'53	27°24'45
retrograde	-4151 Jul 01 j 20:06	27°♊20'54	
evening set	-4151 Jul 08 j 23:28	24°♊40'30	
min. Earth dist.	-4151 Jul 12 j 14:29	21°♊26'29	0.63698 AU
inferior conj	-4151 Jul 15 j 04:20	18°♊46'09	-3°-44'-48
minimum elong	-4151 Jul 15 j 07:52	18°♊36'55	3°43'56
morning rise	-4151 Jul 21 j 18:09	13°♊26'02	
direct	-4151 Jul 24 j 09:15	12°♊51'45	
asc. node	-4151 Jul 29 j 02:09	14°♊40'47	
morning max el	-4151 Jul 30 j 21:56	16°♊16'44	17°59'10
	-4151 Aug 09 j 15:22	0°♋	
morning set	-4151 Aug 16 j 23:09	12°♋33'50	
	-4151 Aug 27 j 04:51	0°♌	
superior conj	-4151 Aug 29 j 12:23	3°♌49'44	1°06'59
minimum elong	-4151 Aug 29 j 18:14	4°♌13'44	1°06'29
max. Earth dist.	-4151 Sep 04 j 06:50	13°♌11'30	1.43904 AU
desc. node	-4151 Sep 09 j 15:44	21°♌42'24	
evening rise	-4151 Sep 14 j 14:59	29°♌26'40	
	-4151 Sep 14 j 23:36	0°♍	
	-4151 Oct 05 j 04:38	0°♎	
greatest brilliancy	-4151 Oct 06 j 11:29	1°♎44'12	-0.5m
evening max el	-4151 Oct 12 j 15:23	9°♎09'09	20°34'21
retrograde	-4151 Oct 20 j 16:43	13°♎54'17	
evening set	-4151 Oct 24 j 10:55	12°♎32'55	
asc. node	-4151 Oct 25 j 01:04	12°♎05'19	
inferior conj	-4151 Oct 29 j 22:19	6°♎23'26	1°37'05
minimum elong	-4151 Oct 29 j 20:13	6°♎30'34	1°36'15
min. Earth dist.	-4151 Oct 30 j 13:39	5°♎31'34	0.66904 AU
morning rise	-4151 Nov 04 j 05:03	0°♎06'24	
	-4151 Nov 04 j 08:00	30°℞♍	
direct	-4151 Nov 09 j 16:10	27°♍45'07	
	-4151 Nov 15 j 17:38	0°♎	
morning max el	-4151 Nov 20 j 22:41	4°♎28'06	24°29'34
desc. node	-4151 Dec 06 j 15:37	24°♎12'55	
	-4151 Dec 10 j 14:40	0°♏	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4151 Dec 26 j 19:47	26°♏11'13		
	-4151 Dec 28 j 23:38	0°♐		
max. Earth dist.	-4151 Dec 30 j 15:29	2°♐59'12	1.37792 AU	
superior conj	-4150 Jan 06 j 10:55	15°♐44'37	-1°-48'-15	
minimum elong	-4150 Jan 06 j 13:12	15°♐55'40	1°48'18	
	-4150 Jan 13 j 16:33	0°♑		
evening rise	-4150 Jan 15 j 01:58	2°♑45'58		
asc. node	-4150 Jan 21 j 00:06	14°♑08'44		
evening max el	-4150 Jan 31 j 20:29	29°♑48'15	19°08'34	
	-4150 Feb 01 j 01:28	0°♒		
retrograde	-4150 Feb 09 j 14:01	3°♒58'34		
evening set	-4150 Feb 11 j 22:50	3°♒41'29		
	-4150 Feb 19 j 06:51	30°℞♑		
inferior conj	-4150 Feb 20 j 01:14	29°♑28'31	3°04'18	
minimum elong	-4150 Feb 20 j 06:06	29°♑20'08	3°03'02	
min. Earth dist.	-4150 Feb 23 j 01:59	27°♑24'08	0.56979 AU	
morning rise	-4150 Feb 28 j 09:36	24°♑30'58		
desc. node	-4150 Mar 04 j 14:53	23°♑32'22		
direct	-4150 Mar 05 j 11:33	23°♑30'37		
	-4150 Mar 18 j 19:54	0°♒		
morning max el	-4150 Mar 19 j 16:17	0°♒47'50	25°20'17	
	-4150 Apr 08 j 23:05	0°♓		
morning set	-4150 Apr 15 j 12:13	13°♓03'45		
asc. node	-4150 Apr 18 j 23:41	20°♓29'20		
superior conj	-4150 Apr 22 j 13:17	28°♓14'56	0°36'23	
minimum elong	-4150 Apr 22 j 11:45	28°♓06'33	0°36'04	
	-4150 Apr 23 j 08:37	0°♈		
max. Earth dist.	-4150 Apr 23 j 13:31	0°♈26'40	1.32920 AU	
evening rise	-4150 Apr 29 j 18:35	13°♈36'53		
	-4150 May 08 j 06:47	0°♉		
	-4150 May 28 j 23:32	0°♊		
evening max el	-4150 May 31 j 11:53	2°♊33'11	27°14'24	
desc. node	-4150 May 31 j 13:33	2°♊37'11		
retrograde	-4150 Jun 14 j 09:40	9°♊56'25		
evening set	-4150 Jun 21 j 10:24	7°♊36'45		
min. Earth dist.	-4150 Jun 25 j 01:15	4°♊47'07	0.61885 AU	
inferior conj	-4150 Jun 28 j 03:40	1°♊56'05	-4°-10'-37	
minimum elong	-4150 Jun 28 j 05:54	1°♊50'56	4°10'16	
	-4150 Jun 30 j 07:43	30°℞♉		
morning rise	-4150 Jul 05 j 04:03	26°♉56'29		
direct	-4150 Jul 07 j 16:39	26°♉28'50		
morning max el	-4150 Jul 14 j 12:12	29°♉53'55	17°58'30	
	-4150 Jul 14 j 14:41	0°♊		
asc. node	-4150 Jul 15 j 23:14	1°♊26'54		
morning set	-4150 Jul 30 j 15:24	25°♊12'29		
	-4150 Aug 02 j 06:50	0°♋		
superior conj	-4150 Aug 10 j 11:21	14°♋30'11	1°34'04	
minimum elong	-4150 Aug 10 j 15:48	14°♋49'23	1°33'54	
max. Earth dist.	-4150 Aug 17 j 18:10	26°♋46'36	1.42516 AU	
	-4150 Aug 19 j 17:31	0°♌		
evening rise	-4150 Aug 24 j 21:22	8°♌15'03		
desc. node	-4150 Aug 27 j 12:42	12°♌22'41		
	-4150 Sep 08 j 05:31	0°♍		
greatest brilliancy	-4150 Sep 20 j 14:24	16°♍58'33	-0.4m	
evening max el	-4150 Sep 25 j 11:54	22°♍34'04	21°46'30	
retrograde	-4150 Oct 04 j 12:58	27°♍56'31		
evening set	-4150 Oct 08 j 19:00	26°♍17'12		
asc. node	-4150 Oct 11 j 22:13	23°♍00'44		
inferior conj	-4150 Oct 14 j 04:03	20°♍00'33	0°45'46	
minimum elong	-4150 Oct 14 j 03:00	20°♍04'09	0°45'21	
min. Earth dist.	-4150 Oct 14 j 08:40	19°♍44'34	0.67307 AU	
morning rise	-4150 Oct 19 j 10:45	13°♍43'12		
direct	-4150 Oct 24 j 06:34	11°♍42'59		
morning max el	-4150 Nov 03 j 08:40	17°♍44'23	23°03'11	
greatest brilliancy	-4150 Nov 08 j 08:02	23°♍20'09	-0.3m	
	-4150 Nov 13 j 12:27	0°♎		
desc. node	-4150 Nov 23 j 12:34	14°♎12'55		
	-4150 Dec 03 j 17:40	0°♏		
morning set	-4150 Dec 07 j 18:29	6°♏34'46		
max. Earth dist.	-4150 Dec 12 j 11:23	14°♏31'33	1.39852 AU	
superior conj	-4150 Dec 20 j 03:57	28°♏12'29	-1°-54'-25	
minimum elong	-4150 Dec 20 j 04:06	28°♏13'13	1°54'34	
	-4150 Dec 21 j 03:17	0°♐		
evening rise	-4150 Dec 29 j 17:54	16°♐18'00		
	-4149 Jan 06 j 03:29	0°♑		
asc. node	-4149 Jan 07 j 21:09	2°♑55'27		
evening max el	-4149 Jan 14 j 23:24	12°♑22'06	18°29'20	
retrograde	-4149 Jan 22 j 12:59	16°♑04'28		
evening set	-4149 Jan 25 j 00:32	15°♑41'50		
inferior conj	-4149 Feb 01 j 10:55	11°♑09'00	3°50'13	
minimum elong	-4149 Feb 01 j 13:32	11°♑03'44	3°49'44	
min. Earth dist.	-4149 Feb 04 j 20:12	8°♑27'33	0.58810 AU	
morning rise	-4149 Feb 08 j 23:02	5°♑46'01		
direct	-4149 Feb 15 j 03:47	4°♑07'16		
desc. node	-4149 Feb 19 j 11:59	4°♑54'09		
morning max el	-4149 Mar 01 j 10:01	11°♑40'33	26°39'18	
	-4149 Mar 15 j 16:48	0°♒		
morning set	-4149 Mar 30 j 23:08	28°♒02'15		
	-4149 Mar 31 j 21:34	0°♓		
asc. node	-4149 Apr 05 j 20:41	10°♓42'21		
superior conj	-4149 Apr 07 j 00:57	13°♓17'00	0°12'17	
minimum elong	-4149 Apr 07 j 00:25	13°♓14'03	0°12'07	
behind sun begin	-4149 Apr 06 j 21:11	12°♓56'25		
behind sun end	-4149 Apr 07 j 03:38	13°♓31'40		
max. Earth dist.	-4149 Apr 07 j 02:30	13°♓25'27	1.32600 AU	
evening rise	-4149 Apr 14 j 02:05	28°♓27'28		
	-4149 Apr 14 j 19:56	0°♈		
	-4149 May 01 j 17:21	0°♉		
evening max el	-4149 May 13 j 13:49	14°♉30'16	26°31'28	
desc. node	-4149 May 18 j 10:40	18°♉31'00		
retrograde	-4149 May 27 j 15:39	21°♉49'54		
evening set	-4149 Jun 03 j 02:13	20°♉03'54		
min. Earth dist.	-4149 Jun 07 j 03:05	17°♉22'47	0.59862 AU	
inferior conj	-4149 Jun 10 j 12:02	14°♉40'29	-4°-17'-30	
minimum elong	-4149 Jun 10 j 11:32	14°♉41'30	4°17'23	
morning rise	-4149 Jun 18 j 00:22	10°♉02'43		
direct	-4149 Jun 20 j 11:48	9°♉40'09		
morning max el	-4149 Jun 27 j 23:05	13°♉16'26	18°17'08	
asc. node	-4149 Jul 02 j 20:18	19°♉12'44		
	-4149 Jul 09 j 08:00	0°♊		
morning set	-4149 Jul 13 j 22:58	8°♊37'19		
superior conj	-4149 Jul 23 j 11:51	26°♊27'34	1°47'05	
minimum elong	-4149 Jul 23 j 13:33	26°♊35'18	1°47'13	
	-4149 Jul 25 j 10:55	0°♋		
max. Earth dist.	-4149 Jul 30 j 23:40	9°♋40'46	1.40730 AU	
evening rise	-4149 Aug 04 j 22:23	17°♋57'37		
	-4149 Aug 12 j 11:52	0°♌		
desc. node	-4149 Aug 14 j 09:42	2°♌56'00		
	-4149 Sep 02 j 18:40	0°♍		
greatest brilliancy	-4149 Sep 02 j 18:31	29°♌59'34	-0.2m	
evening max el	-4149 Sep 08 j 02:55	5°♍59'46	23°05'50	
retrograde	-4149 Sep 18 j 06:38	12°♍00'46		
evening set	-4149 Sep 23 j 02:25	10°♍01'56		
inferior conj	-4149 Sep 28 j 10:41	3°♍41'45	0°-7'-24	
minimum elong	-4149 Sep 28 j 10:51	3°♍41'10	0°07'15	
transit middle	-4149 Sep 28 j 10:51	3°♍41'10	0°07'15	
transit begin	-4149 Sep 28 j 08:26	3°♍49'30		
transit end	-4149 Sep 28 j 13:17	3°♍32'50		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4149 Sep 28 j 05:08	4°♍00'52	0.67419 AU
asc. node	-4149 Sep 28 j 19:21	3°♍11'57	
	-4149 Oct 01 j 06:16	30°℞♌	
morning rise	-4149 Oct 03 j 19:16	27°♌27'16	
direct	-4149 Oct 08 j 00:54	25°♌48'19	
	-4149 Oct 15 j 20:15	0°♍	
morning max el	-4149 Oct 16 j 22:58	1°♍05'32	21°39'22
greatest brilliancy	-4149 Oct 22 j 00:13	6°♍53'39	-0.4m
	-4149 Nov 07 j 10:02	0°♎	
desc. node	-4149 Nov 10 j 09:31	4°♎30'45	
morning set	-4149 Nov 17 j 12:39	15°♎36'25	
max. Earth dist.	-4149 Nov 24 j 11:59	26°♎53'33	1.41835 AU
	-4149 Nov 26 j 08:49	0°♏	
superior conj	-4149 Dec 02 j 00:11	9°♏37'21	-1°-48'-55
minimum elong	-4149 Dec 01 j 20:54	9°♏23'05	1°48'53
evening rise	-4149 Dec 12 j 21:52	29°♏11'42	
	-4149 Dec 13 j 08:25	0°♐	
asc. node	-4149 Dec 25 j 18:13	21°♐02'36	
evening max el	-4149 Dec 29 j 08:25	25°♐19'22	18°10'10
retrograde	-4148 Jan 05 j 04:59	28°♐48'42	
evening set	-4148 Jan 07 j 19:16	28°♐19'16	
inferior conj	-4148 Jan 14 j 16:01	23°♐24'19	4°03'35
minimum elong	-4148 Jan 14 j 15:51	23°♐24'43	4°03'24
min. Earth dist.	-4148 Jan 17 j 20:09	20°♐29'32	0.60820 AU
morning rise	-4148 Jan 21 j 09:47	17°♐43'25	
direct	-4148 Jan 28 j 06:53	15°♐28'03	
desc. node	-4148 Feb 06 j 09:04	18°♐53'36	
morning max el	-4148 Feb 11 j 09:33	23°♐08'37	27°28'38
	-4148 Feb 17 j 13:23	0°♑	
	-4148 Mar 07 j 18:28	0°♒	
morning set	-4148 Mar 14 j 06:49	12°♒49'08	
max. Earth dist.	-4148 Mar 20 j 15:22	26°♒21'22	1.32627 AU
superior conj	-4148 Mar 21 j 12:24	28°♒16'03	0°-12'-41
minimum elong	-4148 Mar 21 j 12:58	28°♒19'11	0°12'41
behind sun begin	-4148 Mar 21 j 09:57	28°♒02'40	
behind sun end	-4148 Mar 21 j 16:00	28°♒35'43	
	-4148 Mar 22 j 07:26	0°♓	
asc. node	-4148 Mar 22 j 17:38	0°♓55'48	
evening rise	-4148 Mar 28 j 12:36	13°♓24'45	
	-4148 Apr 05 j 23:21	0°♈	
evening max el	-4148 Apr 24 j 09:39	25°♈46'17	25°19'51
	-4148 Apr 29 j 15:38	0°♉	
desc. node	-4148 May 04 j 07:49	2°♉16'33	
retrograde	-4148 May 08 j 11:22	2°♉56'53	
evening set	-4148 May 13 j 20:16	1°♉49'29	
	-4148 May 17 j 08:52	30°℞♈	
min. Earth dist.	-4148 May 18 j 22:05	29°♈00'16	0.57875 AU
inferior conj	-4148 May 22 j 01:50	26°♈48'53	-3°-55'-51
minimum elong	-4148 May 21 j 21:50	26°♈55'53	3°55'14
morning rise	-4148 May 30 j 03:28	22°♈32'04	
direct	-4148 Jun 01 j 14:36	22°♈13'28	
morning max el	-4148 Jun 10 j 03:35	26°♈13'56	18°55'54
	-4148 Jun 13 j 13:02	0°♉	
asc. node	-4148 Jun 18 j 17:19	7°♉43'50	
morning set	-4148 Jun 26 j 17:34	22°♉36'43	
	-4148 Jun 30 j 11:42	0°♊	
superior conj	-4148 Jul 05 j 08:10	9°♊25'24	1°48'42
minimum elong	-4148 Jul 05 j 07:32	9°♊22'19	1°48'51
max. Earth dist.	-4148 Jul 12 j 01:41	21°♊54'13	1.38786 AU
evening rise	-4148 Jul 16 j 01:33	28°♊56'00	
	-4148 Jul 16 j 16:27	0°♋	
desc. node	-4148 Jul 31 j 06:43	23°♋17'19	
	-4148 Aug 04 j 21:57	0°♌	
evening max el	-4148 Aug 20 j 14:34	19°♌28'02	24°26'13

retrograde	-4148 Aug 31 j 20:34	26°♌03'31	
evening set	-4148 Sep 06 j 07:23	23°♌45'14	
min. Earth dist.	-4148 Sep 11 j 00:30	18°♌18'46	0.67228 AU
inferior conj	-4148 Sep 11 j 16:30	17°♌25'00	-1°00'-47
minimum elong	-4148 Sep 11 j 17:55	17°♌20'14	1°00'05
asc. node	-4148 Sep 14 j 16:27	13°♌37'09	
morning rise	-4148 Sep 17 j 04:42	11°♌16'41	
direct	-4148 Sep 20 j 21:54	9°♌57'21	
morning max el	-4148 Sep 28 j 20:04	14°♌34'49	20°24'41
greatest brilliancy	-4148 Oct 05 j 10:00	22°♌32'22	-0.6m
	-4148 Oct 10 j 17:26	0°♍	
morning set	-4148 Oct 26 j 12:17	23°♍50'27	
desc. node	-4148 Oct 27 j 06:27	25°♍00'58	
	-4148 Oct 30 j 11:03	0°♎	
max. Earth dist.	-4148 Nov 05 j 20:30	10°♎09'14	1.43453 AU
superior conj	-4148 Nov 11 j 18:17	19°♎46'53	-1°-28'-6
minimum elong	-4148 Nov 11 j 11:46	19°♎19'59	1°27'36
	-4148 Nov 17 j 20:26	0°♏	
evening rise	-4148 Nov 24 j 09:44	11°♏18'52	
	-4148 Dec 05 j 09:48	0°♐	
asc. node	-4148 Dec 11 j 15:17	8°♐18'25	
evening max el	-4148 Dec 11 j 20:35	8°♐31'59	18°10'27
retrograde	-4148 Dec 18 j 10:04	12°♐01'13	
evening set	-4148 Dec 21 j 03:28	11°♐23'58	
inferior conj	-4148 Dec 27 j 13:11	6°♐07'39	3°53'21
minimum elong	-4148 Dec 27 j 11:02	6°♐13'16	3°52'56
min. Earth dist.	-4148 Dec 30 j 04:48	3°♐21'41	0.62717 AU
morning rise	-4147 Jan 02 j 16:46	0°♐13'39	
	-4147 Jan 03 j 00:11	30°℞♏	
direct	-4147 Jan 09 j 18:24	27°♏33'35	
	-4147 Jan 17 j 03:05	0°♐	
desc. node	-4147 Jan 23 j 06:06	4°♐55'33	
morning max el	-4147 Jan 23 j 14:55	5°♐17'02	27°42'18
	-4147 Feb 11 j 07:48	0°♑	
morning set	-4147 Feb 26 j 09:09	27°♑16'57	
	-4147 Feb 27 j 17:12	0°♒	
max. Earth dist.	-4147 Mar 04 j 00:25	9°♒01'23	1.33013 AU
superior conj	-4147 Mar 05 j 21:59	13°♒06'14	0°-37'-38
minimum elong	-4147 Mar 05 j 23:39	13°♒15'15	0°37'27
asc. node	-4147 Mar 09 j 14:37	21°♒05'53	
evening rise	-4147 Mar 13 j 00:15	28°♒21'59	
	-4147 Mar 13 j 18:58	0°♓	
	-4147 Mar 31 j 05:38	0°♈	
evening max el	-4147 Apr 06 j 01:44	6°♈34'11	23°49'59
retrograde	-4147 Apr 19 j 18:44	13°♈24'34	
desc. node	-4147 Apr 21 j 04:55	13°♈20'00	
evening set	-4147 Apr 23 j 19:54	12°♈48'23	
min. Earth dist.	-4147 Apr 30 j 13:11	9°♈38'01	0.56252 AU
inferior conj	-4147 May 02 j 19:30	8°♈15'16	-2°-56'-11
minimum elong	-4147 May 02 j 13:36	8°♈24'18	2°54'40
morning rise	-4147 May 11 j 11:01	4°♈14'22	
direct	-4147 May 13 j 22:39	3°♈58'29	
morning max el	-4147 May 23 j 23:05	8°♈37'37	19°55'08
asc. node	-4147 Jun 05 j 14:19	26°♈49'30	
	-4147 Jun 07 j 06:33	0°♉	
morning set	-4147 Jun 10 j 19:57	7°♉02'08	
superior conj	-4147 Jun 18 j 18:59	23°♉08'49	1°41'43
minimum elong	-4147 Jun 18 j 16:54	22°♉58'26	1°41'42
	-4147 Jun 22 j 06:40	0°♊	
max. Earth dist.	-4147 Jun 24 j 05:19	3°♊43'18	1.36927 AU
evening rise	-4147 Jun 28 j 04:55	11°♊06'25	
	-4147 Jul 09 j 07:35	0°♋	
desc. node	-4147 Jul 18 j 03:45	13°♋20'37	
	-4147 Jul 31 j 04:31	0°♌	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4147 Aug 03 j 01:15	2°♌58'52	25°40'04
retrograde	-4147 Aug 15 j 06:08	10°♌00'35	
evening set	-4147 Aug 21 j 08:04	7°♌25'28	
min. Earth dist.	-4147 Aug 25 j 16:21	2°♌36'26	0.66711 AU
inferior conj	-4147 Aug 26 j 19:45	1°♌08'28	-1°-52'-44
minimum elong	-4147 Aug 26 j 22:19	1°♌00'13	1°51'36
	-4147 Aug 27 j 17:14	30°℞♋	
morning rise	-4147 Sep 01 j 13:10	25°♋09'36	
asc. node	-4147 Sep 01 j 13:33	25°♋08'59	
direct	-4147 Sep 04 j 20:05	24°♋07'02	
morning max el	-4147 Sep 12 j 00:26	28°♋13'06	19°23'10
	-4147 Sep 13 j 15:39	0°♌	
greatest brilliancy	-4147 Sep 21 j 20:31	11°♌07'16	-0.7m
	-4147 Oct 04 j 03:14	0°♍	
morning set	-4147 Oct 05 j 15:53	2°♍22'59	
desc. node	-4147 Oct 14 j 03:23	15°♍39'17	
max. Earth dist.	-4147 Oct 19 j 11:24	24°♍03'38	1.44492 AU
superior conj	-4147 Oct 22 j 09:31	28°♍41'53	0°-50'-46
minimum elong	-4147 Oct 22 j 03:35	28°♍18'17	0°50'02
	-4147 Oct 23 j 05:06	0°♎	
evening rise	-4147 Nov 06 j 00:52	22°♎30'04	
	-4147 Nov 10 j 13:15	0°♏	
evening max el	-4147 Nov 25 j 09:06	21°♏52'54	18°29'20
asc. node	-4147 Nov 28 j 12:23	24°♏28'05	
retrograde	-4147 Dec 01 j 23:51	25°♏32'37	
evening set	-4147 Dec 04 j 21:34	24°♏46'07	
inferior conj	-4147 Dec 10 j 22:36	19°♏10'51	3°26'58
minimum elong	-4147 Dec 10 j 19:32	19°♏19'44	3°26'11
min. Earth dist.	-4147 Dec 12 j 23:32	16°♏49'08	0.64336 AU
morning rise	-4147 Dec 16 j 16:12	13°♏06'52	
direct	-4147 Dec 23 j 13:05	10°♏17'00	
morning max el	-4146 Jan 05 j 23:54	17°♏58'15	27°20'44
desc. node	-4146 Jan 10 j 03:07	22°♏25'11	
	-4146 Jan 16 j 04:20	0°♐	
	-4146 Feb 04 j 03:59	0°♑	
morning set	-4146 Feb 10 j 03:17	11°♑15'16	
max. Earth dist.	-4146 Feb 15 j 01:32	21°♑11'13	1.33794 AU
superior conj	-4146 Feb 18 j 03:48	27°♑40'04	-1°-1'-35
minimum elong	-4146 Feb 18 j 06:23	27°♑53'45	1°01'20
	-4146 Feb 19 j 06:10	0°♒	
asc. node	-4146 Feb 24 j 11:36	11°♒07'28	
evening rise	-4146 Feb 25 j 11:13	13°♒11'28	
	-4146 Mar 06 j 02:57	0°♓	
evening max el	-4146 Mar 18 j 19:38	17°♓18'43	22°16'00
retrograde	-4146 Mar 31 j 14:22	23°♓31'53	
evening set	-4146 Apr 03 j 12:42	23°♓12'54	
desc. node	-4146 Apr 08 j 02:02	21°♓37'10	
min. Earth dist.	-4146 Apr 12 j 03:11	19°♓28'42	0.55307 AU
inferior conj	-4146 Apr 12 j 20:34	19°♓04'04	-1°-18'-16
minimum elong	-4146 Apr 12 j 17:03	19°♓09'03	1°17'09
morning rise	-4146 Apr 21 j 23:08	15°♓06'30	
direct	-4146 Apr 24 j 14:51	14°♓50'30	
morning max el	-4146 May 06 j 07:56	20°♓20'40	21°13'40
	-4146 May 14 j 05:27	0°♈	
asc. node	-4146 May 23 j 11:18	16°♈20'50	
morning set	-4146 May 26 j 03:34	21°♈46'14	
	-4146 May 30 j 02:28	0°♉	
superior conj	-4146 Jun 02 j 16:00	7°♉25'12	1°28'26
minimum elong	-4146 Jun 02 j 13:20	7°♉11'27	1°28'14
max. Earth dist.	-4146 Jun 06 j 16:05	15°♉33'34	1.35338 AU
evening rise	-4146 Jun 11 j 03:18	24°♉15'17	
	-4146 Jun 14 j 05:28	0°♊	
	-4146 Jul 02 j 20:53	0°♋	
desc. node	-4146 Jul 05 j 00:48	2°♋58'00	
evening max el	-4146 Jul 16 j 12:17	16°♋27'59	26°39'22
retrograde	-4146 Jul 29 j 10:58	23°♋45'49	
evening set	-4146 Aug 05 j 02:14	21°♋00'12	
min. Earth dist.	-4146 Aug 09 j 02:26	16°♋49'57	0.65834 AU
inferior conj	-4146 Aug 10 j 18:30	14°♋49'29	-2°-41'-19
minimum elong	-4146 Aug 10 j 21:56	14°♋39'09	2°40'03
morning rise	-4146 Aug 16 j 18:41	9°♋03'14	
asc. node	-4146 Aug 19 j 10:40	8°♋14'36	
direct	-4146 Aug 19 j 17:35	8°♋14'08	
morning max el	-4146 Aug 26 j 10:43	11°♋57'46	18°37'08
	-4146 Sep 08 j 06:11	0°♌	
morning set	-4146 Sep 15 j 18:06	12°♌03'54	
	-4146 Sep 26 j 23:29	0°♍	
superior conj	-4146 Oct 01 j 09:31	6°♍58'40	0°-2'-26
minimum elong	-4146 Oct 01 j 09:12	6°♍57'29	0°02'20
behind sun begin	-4146 Sep 30 j 21:54	6°♍12'54	
behind sun end	-4146 Oct 01 j 20:31	7°♍42'03	
desc. node	-4146 Oct 01 j 00:20	6°♍22'31	
max. Earth dist.	-4146 Oct 02 j 05:09	8°♍16'02	1.44827 AU
	-4146 Oct 15 j 23:39	0°♎	
evening rise	-4146 Oct 17 j 15:32	2°♎38'15	
	-4146 Nov 04 j 10:17	0°♏	
evening max el	-4146 Nov 08 j 19:28	5°♏18'26	19°05'42
asc. node	-4146 Nov 15 j 09:30	9°♏16'41	
retrograde	-4146 Nov 15 j 18:44	9°♏17'32	
evening set	-4146 Nov 18 j 22:36	8°♏19'41	
inferior conj	-4146 Nov 24 j 16:59	2°♏28'36	2°49'42
minimum elong	-4146 Nov 24 j 13:51	2°♏38'25	2°48'41
min. Earth dist.	-4146 Nov 26 j 03:47	0°♏39'28	0.65612 AU
	-4146 Nov 26 j 16:38	30°℞♎	
morning rise	-4146 Nov 30 j 04:10	26°♎17'21	
direct	-4146 Dec 06 j 14:17	23°♎31'10	
	-4146 Dec 18 j 08:57	0°♏	
morning max el	-4146 Dec 19 j 09:42	1°♏00'19	26°29'23
desc. node	-4146 Dec 28 j 00:09	10°♏57'12	
	-4145 Jan 10 j 05:07	0°♐	
morning set	-4145 Jan 24 j 09:31	24°♐32'52	
	-4145 Jan 27 j 05:50	0°♑	
max. Earth dist.	-4145 Jan 28 j 15:25	2°♑44'42	1.35017 AU
superior conj	-4145 Feb 02 j 03:40	11°♑50'56	-1°-23'-15
minimum elong	-4145 Feb 02 j 06:46	12°♑06'51	1°23'01
evening rise	-4145 Feb 09 j 19:46	27°♑47'28	
	-4145 Feb 10 j 21:37	0°♒	
asc. node	-4145 Feb 11 j 08:37	0°♒55'59	
evening max el	-4145 Feb 28 j 21:25	28°♒25'49	20°50'15
	-4145 Mar 02 j 16:23	0°♓	
retrograde	-4145 Mar 12 j 04:05	3°♓48'10	
evening set	-4145 Mar 14 j 13:18	3°♓34'41	
	-4145 Mar 22 j 23:48	30°℞♒	
inferior conj	-4145 Mar 23 j 15:55	29°♒36'54	0°38'06
minimum elong	-4145 Mar 23 j 17:38	29°♒34'26	0°37'25
min. Earth dist.	-4145 Mar 24 j 17:27	29°♒00'14	0.55264 AU
desc. node	-4145 Mar 25 j 23:10	28°♒18'17	
morning rise	-4145 Apr 01 j 20:36	25°♒24'16	
direct	-4145 Apr 05 j 02:52	25°♒01'06	
	-4145 Apr 16 j 16:53	0°♓	
morning max el	-4145 Apr 18 j 06:32	1°♓24'01	22°47'04
	-4145 May 07 j 07:28	0°♈	
asc. node	-4145 May 10 j 08:18	6°♈10'47	
morning set	-4145 May 10 j 14:22	6°♈42'25	
superior conj	-4145 May 17 j 19:59	22°♈04'16	1°10'36
minimum elong	-4145 May 17 j 17:25	21°♈50'34	1°10'16
max. Earth dist.	-4145 May 20 j 12:44	27°♈44'48	1.34110 AU
	-4145 May 21 j 14:50	0°♉	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-4145 May 25 j 15:37	8°♉07'47	
	-4145 Jun 06 j 17:52	0°♊	
desc. node	-4145 Jun 21 j 21:54	21°♊58'04	
evening max el	-4145 Jun 28 j 23:30	29°♊46'37	27°16'19
	-4145 Jun 29 j 05:06	0°♋	
retrograde	-4145 Jul 12 j 10:31	7°♋10'46	
evening set	-4145 Jul 19 j 11:05	4°♋24'52	
min. Earth dist.	-4145 Jul 23 j 04:38	0°♋51'46	0.64581 AU
	-4145 Jul 23 j 23:38	30°℞♊	
inferior conj	-4145 Jul 25 j 10:27	28°♊23'28	-3°-24'-8
minimum elong	-4145 Jul 25 j 14:12	28°♊13'06	3°23'02
morning rise	-4145 Jul 31 j 18:53	22°♊52'50	
direct	-4145 Aug 03 j 12:06	22°♊14'00	
asc. node	-4145 Aug 06 j 07:46	22°♊55'28	
morning max el	-4145 Aug 10 j 00:34	25°♊43'39	18°07'51
	-4145 Aug 13 j 14:44	0°♋	
morning set	-4145 Aug 27 j 23:36	23°♋02'54	
	-4145 Sep 01 j 03:04	0°♌	
superior conj	-4145 Sep 10 j 16:23	15°♌39'20	0°44'44
minimum elong	-4145 Sep 10 j 21:18	15°♌59'05	0°44'15
max. Earth dist.	-4145 Sep 14 j 22:28	22°♌27'05	1.44437 AU
desc. node	-4145 Sep 17 j 21:18	27°♌07'00	
	-4145 Sep 19 j 17:20	0°♍	
evening rise	-4145 Sep 27 j 06:47	11°♍46'31	
	-4145 Oct 09 j 04:17	0°♎	
greatest brilliancy	-4145 Oct 15 j 16:31	9°♎31'12	-0.6m
evening max el	-4145 Oct 23 j 01:34	18°♎45'08	19°58'02
retrograde	-4145 Oct 30 j 15:43	23°♎11'21	
asc. node	-4145 Nov 02 j 06:39	22°♎31'25	
evening set	-4145 Nov 03 j 04:00	21°♎59'29	
inferior conj	-4145 Nov 08 j 17:30	15°♎55'56	2°05'06
minimum elong	-4145 Nov 08 j 14:55	16°♎04'33	2°04'06
min. Earth dist.	-4145 Nov 09 j 15:36	14°♎42'46	0.66534 AU
morning rise	-4145 Nov 14 j 01:10	9°♎40'12	
direct	-4145 Nov 19 j 21:11	7°♎07'45	
morning max el	-4145 Dec 01 j 18:36	14°♎11'12	25°16'52
desc. node	-4145 Dec 14 j 21:10	0°♏13'01	
	-4145 Dec 14 j 17:25	0°♏	
	-4144 Jan 03 j 00:35	0°♐	
morning set	-4144 Jan 06 j 22:56	6°♐55'22	
max. Earth dist.	-4144 Jan 10 j 17:50	13°♐52'26	1.36677 AU
superior conj	-4144 Jan 16 j 18:45	25°♐30'52	-1°-40'-51
minimum elong	-4144 Jan 16 j 21:39	25°♐45'10	1°40'48
	-4144 Jan 19 j 00:43	0°♑	
evening rise	-4144 Jan 24 j 23:51	12°♑04'06	
asc. node	-4144 Jan 29 j 05:40	20°♑26'11	
	-4144 Feb 03 j 14:41	0°♒	
evening max el	-4144 Feb 11 j 09:47	10°♒08'25	19°40'17
retrograde	-4144 Feb 20 j 23:47	14°♒41'06	
evening set	-4144 Feb 23 j 07:32	14°♒26'19	
inferior conj	-4144 Mar 02 j 19:41	10°♒22'44	2°20'38
minimum elong	-4144 Mar 03 j 00:35	10°♒14'56	2°19'07
min. Earth dist.	-4144 Mar 05 j 08:02	8°♒47'30	0.56138 AU
morning rise	-4144 Mar 11 j 14:12	5°♒42'27	
desc. node	-4144 Mar 11 j 20:18	5°♒37'42	
direct	-4144 Mar 15 j 23:07	4°♒59'33	
morning max el	-4144 Mar 29 j 22:24	12°♒02'01	24°26'09
	-4144 Apr 12 j 14:50	0°♓	
morning set	-4144 Apr 24 j 02:36	21°♓44'54	
asc. node	-4144 Apr 26 j 05:18	26°♓13'47	
	-4144 Apr 27 j 23:20	0°♈	
superior conj	-4144 May 01 j 04:32	6°♈58'00	0°49'34
minimum elong	-4144 May 01 j 02:30	6°♈47'06	0°49'13
max. Earth dist.	-4144 May 02 j 18:27	10°♈22'21	1.33253 AU
evening rise	-4144 May 08 j 13:49	22°♈31'27	
	-4144 May 12 j 08:46	0°♉	
	-4144 May 30 j 13:56	0°♊	
desc. node	-4144 Jun 07 j 18:59	10°♊05'08	
evening max el	-4144 Jun 10 j 09:12	12°♊43'15	27°24'29
retrograde	-4144 Jun 24 j 03:55	20°♊07'05	
evening set	-4144 Jul 01 j 07:12	17°♊34'04	
min. Earth dist.	-4144 Jul 04 j 21:24	14°♊31'42	0.62963 AU
inferior conj	-4144 Jul 07 j 16:50	11°♊45'01	-3°-57'-37
minimum elong	-4144 Jul 07 j 19:59	11°♊37'12	3°56'58
morning rise	-4144 Jul 14 j 10:57	6°♊33'01	
direct	-4144 Jul 17 j 00:44	6°♊01'47	
asc. node	-4144 Jul 23 j 04:51	9°♊00'33	
morning max el	-4144 Jul 23 j 15:25	9°♊25'53	17°56'29
	-4144 Aug 06 j 06:33	0°♋	
morning set	-4144 Aug 09 j 04:50	5°♋10'04	
superior conj	-4144 Aug 20 j 23:16	25°♋31'48	1°20'17
minimum elong	-4144 Aug 21 j 04:52	25°♋55'15	1°19'55
	-4144 Aug 23 j 15:41	0°♌	
max. Earth dist.	-4144 Aug 27 j 12:56	6°♌21'06	1.43385 AU
desc. node	-4144 Sep 03 j 18:16	17°♌49'50	
evening rise	-4144 Sep 05 j 10:45	20°♌27'33	
	-4144 Sep 11 j 16:02	0°♍	
greatest brilliancy	-4144 Sep 29 j 14:17	25°♍45'31	-0.5m
	-4144 Oct 03 j 01:32	0°♎	
evening max el	-4144 Oct 05 j 01:51	2°♎11'19	21°03'53
retrograde	-4144 Oct 13 j 12:39	7°♎11'20	
evening set	-4144 Oct 17 j 11:39	5°♎42'39	
asc. node	-4144 Oct 19 j 03:48	4°♎12'06	
inferior conj	-4144 Oct 22 j 21:53	29°♍29'56	1°15'38
minimum elong	-4144 Oct 22 j 20:12	29°♍35'42	1°14'57
	-4144 Oct 22 j 13:06	30°℞♍	
min. Earth dist.	-4144 Oct 23 j 08:36	28°♍53'18	0.67122 AU
morning rise	-4144 Oct 28 j 04:22	23°♍12'32	
direct	-4144 Nov 02 j 09:03	20°♍59'48	
morning max el	-4144 Nov 13 j 03:22	27°♍25'17	23°52'53
	-4144 Nov 15 j 13:25	0°♎	
desc. node	-4144 Nov 30 j 18:09	19°♎59'42	
	-4144 Dec 07 j 10:05	0°♏	
morning set	-4144 Dec 18 j 13:22	18°♏05'52	
max. Earth dist.	-4144 Dec 22 j 14:02	25°♏06'19	1.38663 AU
	-4144 Dec 25 j 07:29	0°♐	
superior conj	-4144 Dec 29 j 21:14	8°♐28'54	-1°-52'-4
minimum elong	-4144 Dec 29 j 22:48	8°♐36'18	1°52'11
evening rise	-4143 Jan 07 j 21:03	25°♐54'34	
	-4143 Jan 09 j 23:35	0°♑	
asc. node	-4143 Jan 15 j 02:44	9°♑31'04	
evening max el	-4143 Jan 24 j 07:59	22°♑25'12	18°49'25
retrograde	-4143 Feb 01 j 11:59	26°♑21'23	
evening set	-4143 Feb 03 j 22:09	26°♑01'58	
inferior conj	-4143 Feb 11 j 17:28	21°♑40'57	3°28'19
minimum elong	-4143 Feb 11 j 21:35	21°♑33'21	3°27'24
min. Earth dist.	-4143 Feb 14 j 23:51	19°♑18'24	0.57717 AU
morning rise	-4143 Feb 19 j 17:21	16°♑32'06	
direct	-4143 Feb 25 j 07:51	15°♑16'01	
desc. node	-4143 Feb 26 j 17:26	15°♑20'47	
morning max el	-4143 Mar 11 j 13:42	22°♑40'43	25°56'56
	-4143 Mar 18 j 01:50	0°♒	
	-4143 Apr 05 j 07:06	0°♓	
morning set	-4143 Apr 08 j 14:28	6°♓46'22	
asc. node	-4143 Apr 13 j 02:16	16°♓24'02	
superior conj	-4143 Apr 15 j 15:31	21°♓58'20	0°26'20
minimum elong	-4143 Apr 15 j 14:22	21°♓52'07	0°26'03
max. Earth dist.	-4143 Apr 16 j 05:56	23°♓17'05	1.32745 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4143 Apr 19 j 08:17	0°♈	
evening rise	-4143 Apr 22 j 18:38	7°♈14'22	
	-4143 May 04 j 21:24	0°♉	
evening max el	-4143 May 23 j 14:35	25°♉03'57	27°00'06
desc. node	-4143 May 25 j 16:05	26°♉55'48	
	-4143 May 29 j 21:20	0°♊	
retrograde	-4143 Jun 06 j 14:05	2°♊25'03	
evening set	-4143 Jun 13 j 10:24	0°♊18'38	
	-4143 Jun 13 j 22:21	30°℞♉	
min. Earth dist.	-4143 Jun 17 j 04:06	27°♉34'45	0.61043 AU
inferior conj	-4143 Jun 20 j 10:14	24°♉45'07	-4°-16'-24
minimum elong	-4143 Jun 20 j 11:28	24°♉42'25	4°16'13
morning rise	-4143 Jun 27 j 15:30	19°♉54'28	
direct	-4143 Jun 30 j 03:37	19°♉28'59	
morning max el	-4143 Jul 07 j 04:30	22°♉57'11	18°04'00
asc. node	-4143 Jul 10 j 01:54	26°♉13'27	
	-4143 Jul 12 j 18:20	0°♊	
morning set	-4143 Jul 23 j 04:12	18°♊10'03	
	-4143 Jul 29 j 14:48	0°♋	
superior conj	-4143 Aug 02 j 09:40	6°♋46'27	1°41'10
minimum elong	-4143 Aug 02 j 12:59	7°♋01'03	1°41'10
max. Earth dist.	-4143 Aug 09 j 22:19	19°♋41'53	1.41799 AU
evening rise	-4143 Aug 15 j 23:22	29°♋34'18	
	-4143 Aug 16 j 05:48	0°♌	
desc. node	-4143 Aug 21 j 15:14	8°♌27'41	
	-4143 Sep 05 j 06:45	0°♍	
greatest brilliancy	-4143 Sep 13 j 02:28	10°♍17'19	-0.3m
evening max el	-4143 Sep 17 j 19:55	15°♍36'46	22°19'39
retrograde	-4143 Sep 27 j 07:51	21°♍15'12	
evening set	-4143 Oct 01 j 19:40	19°♍27'30	
asc. node	-4143 Oct 06 j 00:55	14°♍42'34	
inferior conj	-4143 Oct 07 j 04:12	13°♍09'00	0°23'19
minimum elong	-4143 Oct 07 j 03:40	13°♍10'53	0°23'09
min. Earth dist.	-4143 Oct 07 j 04:26	13°♍08'13	0.67397 AU
morning rise	-4143 Oct 12 j 11:31	6°♍52'46	
direct	-4143 Oct 17 j 01:08	5°♍01'47	
morning max el	-4143 Oct 26 j 14:52	10°♍43'36	22°26'48
greatest brilliancy	-4143 Oct 31 j 07:42	16°♍01'46	-0.3m
	-4143 Nov 10 j 17:28	0°♎	
desc. node	-4143 Nov 17 j 15:06	10°♎08'19	
morning set	-4143 Nov 28 j 23:44	27°♎53'30	
	-4143 Nov 30 j 06:46	0°♏	
max. Earth dist.	-4143 Dec 04 j 11:57	7°♏00'59	1.40727 AU
superior conj	-4143 Dec 12 j 06:10	20°♏32'06	-1°-53'-44
minimum elong	-4143 Dec 12 j 04:59	20°♏26'48	1°53'52
	-4143 Dec 17 j 10:30	0°♐	
evening rise	-4143 Dec 22 j 08:24	9°♐11'50	
asc. node	-4142 Jan 01 j 23:48	28°♐02'29	
	-4142 Jan 03 j 07:35	0°♑	
evening max el	-4142 Jan 07 j 13:48	5°♑09'55	18°18'40
retrograde	-4142 Jan 14 j 18:51	8°♑45'18	
evening set	-4142 Jan 17 j 07:34	8°♑19'51	
inferior conj	-4142 Jan 24 j 11:46	3°♑37'16	3°59'20
minimum elong	-4142 Jan 24 j 13:09	3°♑34'17	3°59'04
min. Earth dist.	-4142 Jan 27 j 19:57	0°♑47'26	0.59663 AU
	-4142 Jan 28 j 20:03	30°℞♐	
morning rise	-4142 Jan 31 j 15:38	28°♐05'49	
direct	-4142 Feb 07 j 04:36	26°♐10'57	
desc. node	-4142 Feb 13 j 14:31	27°♐53'23	
	-4142 Feb 16 j 23:35	0°♑	
morning max el	-4142 Feb 21 j 09:52	3°♑47'30	27°04'32
	-4142 Mar 12 j 14:35	0°♒	
morning set	-4142 Mar 24 j 00:14	21°♒40'40	
	-4142 Mar 27 j 22:16	0°♓	
asc. node	-4142 Mar 30 j 23:14	6°♓37'26	
superior conj	-4142 Mar 31 j 03:15	6°♓59'22	0°01'45
minimum elong	-4142 Mar 31 j 03:10	6°♓58'57	0°01'39
behind sun begin	-4142 Mar 30 j 22:11	6°♓31'41	
behind sun end	-4142 Mar 31 j 08:09	7°♓26'13	
max. Earth dist.	-4142 Mar 30 j 19:28	6°♓16'46	1.32573 AU
evening rise	-4142 Apr 07 j 03:38	22°♓08'17	
	-4142 Apr 11 j 00:13	0°♈	
	-4142 Apr 29 j 12:19	0°♉	
evening max el	-4142 May 05 j 13:39	6°♉41'40	26°03'53
desc. node	-4142 May 12 j 13:13	11°♉59'16	
retrograde	-4142 May 19 j 15:44	13°♉58'23	
evening set	-4142 May 25 j 16:56	12°♉28'34	
min. Earth dist.	-4142 May 30 j 02:15	9°♉46'13	0.58997 AU
inferior conj	-4142 Jun 02 j 10:58	7°♉14'20	-4°-12'-26
minimum elong	-4142 Jun 02 j 08:58	7°♉18'07	4°12'12
morning rise	-4142 Jun 10 j 04:51	2°♉46'06	
direct	-4142 Jun 12 j 16:14	2°♉25'17	
morning max el	-4142 Jun 20 j 12:59	6°♉09'40	18°31'14
asc. node	-4142 Jun 26 j 22:54	14°♉19'24	
	-4142 Jul 05 j 17:53	0°♊	
morning set	-4142 Jul 06 j 16:51	1°♊50'11	
superior conj	-4142 Jul 15 j 19:17	19°♊11'21	1°49'00
minimum elong	-4142 Jul 15 j 19:54	19°♊14'10	1°49'10
	-4142 Jul 21 j 18:28	0°♋	
max. Earth dist.	-4142 Jul 23 j 01:58	2°♋18'03	1.39902 AU
evening rise	-4142 Jul 27 j 11:09	9°♋47'19	
desc. node	-4142 Aug 08 j 12:13	28°♋56'20	
	-4142 Aug 09 j 05:08	0°♌	
evening max el	-4142 Aug 31 j 09:01	29°♌02'40	23°40'17
	-4142 Sep 01 j 08:32	0°♍	
retrograde	-4142 Sep 11 j 00:08	5°♍19'29	
evening set	-4142 Sep 16 j 02:16	3°♍11'59	
	-4142 Sep 19 j 01:58	30°℞♌	
inferior conj	-4142 Sep 21 j 10:40	26°♌51'09	0°-30'-9
minimum elong	-4142 Sep 21 j 11:23	26°♌48'45	0°29'45
min. Earth dist.	-4142 Sep 21 j 00:39	27°♌25'25	0.67373 AU
asc. node	-4142 Sep 22 j 22:02	24°♌52'10	
morning rise	-4142 Sep 26 j 20:37	20°♌39'04	
direct	-4142 Sep 30 j 20:37	19°♌09'00	
morning max el	-4142 Oct 09 j 08:01	24°♌08'37	21°06'15
	-4142 Oct 14 j 09:18	0°♍	
greatest brilliancy	-4142 Oct 14 j 21:45	0°♍39'47	-0.5m
	-4142 Nov 04 j 03:42	0°♎	
desc. node	-4142 Nov 04 j 12:01	0°♎31'58	
morning set	-4142 Nov 08 j 07:56	6°♎28'42	
max. Earth dist.	-4142 Nov 16 j 16:01	19°♎47'24	1.42582 AU
	-4142 Nov 22 j 19:33	0°♏	
superior conj	-4142 Nov 23 j 15:45	1°♏25'38	-1°-42'-8
minimum elong	-4142 Nov 23 j 10:53	1°♏04'59	1°41'54
evening rise	-4142 Dec 05 j 06:05	21°♏47'02	
	-4142 Dec 09 j 20:21	0°♐	
asc. node	-4142 Dec 19 j 20:53	15°♐49'23	
evening max el	-4142 Dec 22 j 00:26	18°♐14'08	18°07'53
retrograde	-4142 Dec 28 j 17:04	21°♐42'21	
evening set	-4142 Dec 31 j 08:26	21°♐09'53	
inferior conj	-4141 Jan 07 j 00:12	16°♐05'39	4°01'36
minimum elong	-4141 Jan 06 j 23:03	16°♐08'26	4°01'22
min. Earth dist.	-4141 Jan 09 j 23:33	13°♐12'01	0.61652 AU
morning rise	-4141 Jan 13 j 11:21	10°♐18'19	
direct	-4141 Jan 20 j 11:32	7°♐50'39	
desc. node	-4141 Jan 31 j 11:35	12°♐49'13	
morning max el	-4141 Feb 03 j 12:19	15°♐33'46	27°38'54
	-4141 Feb 15 j 08:48	0°♑	
	-4141 Mar 05 j 01:54	0°♒	
morning set	-4141 Mar 08 j 05:56	6°♒20'29	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4141 Mar 14 j 07:07	19°♒07'08	1.32742 AU
	-4141 Mar 15 j 14:06	21°♒55'11	0°-23'-20
superior conj	-4141 Mar 15 j 15:09	22°♒00'54	0°23'15
minimum elong	-4141 Mar 17 j 20:13	26°♒49'56	
asc. node	-4141 Mar 19 j 07:13	0°♓	
	-4141 Mar 22 j 14:49	7°♓05'54	
evening rise	-4141 Apr 03 j 17:48	0°♈	
	-4141 Apr 17 j 07:10	17°♈42'32	24°43'00
evening max el	-4141 Apr 29 j 10:20	24°♈39'19	
desc. node	-4141 May 01 j 06:54	24°♈47'20	
retrograde	-4141 May 06 j 02:20	23°♈54'39	
evening set	-4141 May 11 j 19:18	20°♈57'41	0.57112 AU
min. Earth dist.	-4141 May 14 j 16:10	19°♈05'00	-3°-35'-33
inferior conj	-4141 May 14 j 10:58	19°♈13'34	3°34'31
minimum elong	-4141 May 22 j 23:47	14°♈56'15	
morning rise	-4141 May 25 j 10:45	14°♈39'10	
direct	-4141 Jun 03 j 14:03	18°♈54'26	19°18'44
morning max el	-4141 Jun 12 j 00:19	0°♉	
	-4141 Jun 13 j 19:54	3°♉06'24	
asc. node	-4141 Jun 20 j 15:06	16°♉01'31	
morning set	-4141 Jun 27 j 15:36	0°♊	
	-4141 Jun 28 j 22:24	2°♊30'41	1°46'38
superior conj	-4141 Jun 28 j 21:02	2°♊24'01	1°46'44
minimum elong	-4141 Jul 05 j 03:26	14°♊16'26	1.37961 AU
max. Earth dist.	-4141 Jul 09 j 01:10	21°♊18'00	
evening rise	-4141 Jul 14 j 02:56	0°♋	
	-4141 Jul 26 j 09:14	19°♋11'02	
desc. node	-4141 Aug 03 j 03:38	0°♌	
	-4141 Aug 13 j 19:51	12°♌32'02	24°58'56
evening max el	-4141 Aug 25 j 12:28	19°♌20'48	
retrograde	-4141 Aug 31 j 05:42	16°♌54'51	
evening set	-4141 Sep 04 j 18:55	11°♌43'51	0.67042 AU
min. Earth dist.	-4141 Sep 05 j 15:39	10°♌35'19	-1°-23'-7
inferior conj	-4141 Sep 05 j 17:34	10°♌28'57	1°22'12
minimum elong	-4141 Sep 09 j 19:07	5°♌40'58	
asc. node	-4141 Sep 11 j 05:52	4°♌30'28	
morning rise	-4141 Sep 14 j 18:18	3°♌18'47	
direct	-4141 Sep 22 j 08:19	7°♌42'20	19°56'44
morning max el	-4141 Sep 29 j 22:51	17°♌10'47	-0.6m
greatest brilliancy	-4141 Oct 08 j 16:15	0°♍	
	-4141 Oct 18 j 06:15	14°♍42'22	
morning set	-4141 Oct 22 j 08:57	21°♍06'17	
desc. node	-4141 Oct 28 j 00:42	0°♎	
	-4141 Oct 30 j 02:57	3°♎19'41	1.43975 AU
max. Earth dist.	-4141 Nov 03 j 22:01	11°♎02'12	-1°-14'-11
superior conj	-4141 Nov 03 j 15:04	10°♎34'03	1°13'28
minimum elong	-4141 Nov 15 j 08:00	0°♏	
	-4141 Nov 17 j 09:43	3°♏31'37	
evening rise	-4141 Dec 04 j 03:47	0°♐	
	-4141 Dec 05 j 13:06	1°♐31'12	18°16'15
evening max el	-4141 Dec 06 j 17:58	2°♐39'08	
asc. node	-4141 Dec 12 j 02:15	5°♐03'39	
retrograde	-4141 Dec 14 j 21:14	4°♐22'49	
evening set	-4141 Dec 20 j 04:20	30°℞♏	
	-4141 Dec 21 j 03:02	28°♏58'23	3°43'44
inferior conj	-4141 Dec 21 j 00:23	29°♏05'40	3°43'10
minimum elong	-4141 Dec 23 j 12:37	26°♏20'57	0.63452 AU
min. Earth dist.	-4141 Dec 27 j 01:53	22°♏59'45	
morning rise	-4140 Jan 03 j 02:33	20°♏13'16	
direct	-4140 Jan 16 j 19:29	27°♏57'15	27°37'01
morning max el	-4140 Jan 18 j 08:38	29°♏32'07	
desc. node	-4140 Jan 18 j 19:07	0°♐	
	-4140 Feb 09 j 01:32	0°♑	
morning set	-4140 Feb 20 j 05:10	20°♑37'05	
	-4140 Feb 24 j 19:04	0°♒	
max. Earth dist.	-4140 Feb 25 j 13:01	1°♒34'25	1.33290 AU
superior conj	-4140 Feb 27 j 22:21	6°♒39'28	0°-48'00
minimum elong	-4140 Feb 28 j 00:26	6°♒50'40	0°47'47
asc. node	-4140 Mar 03 j 17:13	16°♒57'04	
evening rise	-4140 Mar 06 j 02:24	22°♒00'32	
	-4140 Mar 10 j 00:12	0°♓	
evening max el	-4140 Mar 28 j 23:21	28°♓26'10	23°09'45
	-4140 Mar 30 j 17:03	0°♈	
retrograde	-4140 Apr 11 j 09:06	5°♈02'48	
evening set	-4140 Apr 14 j 21:14	4°♈35'56	
desc. node	-4140 Apr 15 j 07:28	4°♈29'10	
min. Earth dist.	-4140 Apr 22 j 10:05	1°♈12'47	0.55743 AU
inferior conj	-4140 Apr 24 j 01:58	0°♈14'20	-2°-18'-40
minimum elong	-4140 Apr 23 j 20:30	0°♈22'22	2°17'05
	-4140 Apr 24 j 11:45	30°℞♓	
morning rise	-4140 May 02 j 22:46	26°♓16'26	
direct	-4140 May 05 j 11:13	26°♓01'04	
	-4140 May 15 j 01:14	0°♈	
morning max el	-4140 May 16 j 05:09	1°♈01'33	20°26'21
asc. node	-4140 May 30 j 16:54	22°♈23'58	
morning set	-4140 Jun 03 j 20:00	0°♉35'39	
	-4140 Jun 03 j 12:59	0°♉	
superior conj	-4140 Jun 11 j 14:00	16°♉29'21	1°36'44
minimum elong	-4140 Jun 11 j 11:34	16°♉17'04	1°36'38
max. Earth dist.	-4140 Jun 16 j 09:23	26°♉02'05	1.36208 AU
	-4140 Jun 18 j 11:01	0°♊	
evening rise	-4140 Jun 20 j 13:20	3°♊55'29	
	-4140 Jul 06 j 01:11	0°♋	
desc. node	-4140 Jul 12 j 06:17	9°♋04'24	
evening max el	-4140 Jul 26 j 06:46	26°♋03'25	26°07'41
	-4140 Jul 30 j 20:41	0°♌	
retrograde	-4140 Aug 07 j 20:08	3°♌13'14	
evening set	-4140 Aug 14 j 03:53	0°♌33'02	
	-4140 Aug 14 j 18:37	30°℞♋	
min. Earth dist.	-4140 Aug 18 j 08:44	26°♋00'08	0.66378 AU
inferior conj	-4140 Aug 19 j 17:15	24°♋18'15	-2°-13'-52
minimum elong	-4140 Aug 19 j 20:14	24°♋08'55	2°12'39
morning rise	-4140 Aug 25 j 13:20	18°♋24'04	
asc. node	-4140 Aug 26 j 16:13	17°♋50'52	
direct	-4140 Aug 28 j 16:34	17°♋27'32	
morning max el	-4140 Sep 04 j 15:20	21°♋23'10	19°01'34
	-4140 Sep 11 j 10:38	0°♌	
morning set	-4140 Sep 26 j 18:00	23°♌40'10	
	-4140 Sep 30 j 18:18	0°♍	
desc. node	-4140 Oct 08 j 05:55	11°♍47'12	
max. Earth dist.	-4140 Oct 11 j 19:18	17°♍23'34	1.44725 AU
superior conj	-4140 Oct 13 j 04:35	19°♍34'55	0°-30'-59
minimum elong	-4140 Oct 13 j 00:37	19°♍19'16	0°30'27
	-4140 Oct 19 j 18:05	0°♎	
evening rise	-4140 Oct 28 j 14:43	14°♎16'33	
	-4140 Nov 07 j 07:37	0°♏	
evening max el	-4140 Nov 18 j 01:07	14°♏55'37	18°42'47
asc. node	-4140 Nov 22 j 15:04	18°♏16'52	
retrograde	-4140 Nov 24 j 18:31	18°♏42'08	
evening set	-4140 Nov 27 j 18:40	17°♏51'02	
inferior conj	-4140 Dec 03 j 16:40	12°♏08'51	3°12'16
minimum elong	-4140 Dec 03 j 13:29	12°♏18'24	3°11'20
min. Earth dist.	-4140 Dec 05 j 11:28	10°♏00'20	0.64928 AU
morning rise	-4140 Dec 09 j 07:11	6°♏01'43	
direct	-4140 Dec 16 j 00:13	3°♏11'50	
morning max el	-4140 Dec 29 j 04:55	10°♏48'48	27°02'01
desc. node	-4139 Jan 04 j 05:41	17°♏31'32	
	-4139 Jan 13 j 12:06	0°♐	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4139 Jan	31 j 12:03	0°♉			-4138 Jan	06 j 21:13	0°♐	
morning set	-4139 Feb	02 j 18:49	4°♉20'28		morning set	-4138 Jan	16 j 18:35	17°♐16'44	
max. Earth dist.	-4139 Feb	07 j 09:40	13°♉29'35	1.34262 AU	max. Earth dist.	-4138 Jan	20 j 18:47	24°♐51'34	1.35680 AU
						-4138 Jan	23 j 09:46	0°♑	
superior conj	-4139 Feb	11 j 02:02	21°♉05'38	-1°-11'-9					
minimum elong	-4139 Feb	11 j 04:54	21°♉20'38	1°10'52	superior conj	-4138 Jan	25 j 22:34	5°♑04'48	-1°-31'-20
	-4139 Feb	15 j 07:21	0°♒		minimum elong	-4138 Jan	26 j 01:41	5°♑20'37	1°31'09
evening rise	-4139 Feb	18 j 12:38	6°♒46'08		evening rise	-4138 Feb	02 j 19:35	21°♑15'17	
asc. node	-4139 Feb	18 j 14:15	6°♒54'32		asc. node	-4138 Feb	05 j 11:18	26°♑36'26	
	-4139 Mar	03 j 05:22	0°♓			-4138 Feb	07 j 04:59	0°♒	
evening max el	-4139 Mar	10 j 20:16	9°♓19'12	21°37'57	evening max el	-4138 Feb	21 j 02:21	20°♒40'32	20°18'09
retrograde	-4139 Mar	23 j 00:33	15°♓10'54		retrograde	-4138 Mar	03 j 15:24	25°♒40'57	
evening set	-4139 Mar	25 j 15:45	14°♓55'18		evening set	-4138 Mar	05 j 23:10	25°♒27'24	
desc. node	-4139 Apr	02 j 04:35	11°♓52'46		inferior conj	-4138 Mar	14 j 20:16	21°♒28'34	1°25'00
inferior conj	-4139 Apr	03 j 23:00	10°♓53'41	0°-29'-21	minimum elong	-4138 Mar	14 j 23:50	21°♒23'16	1°23'43
minimum elong	-4139 Apr	03 j 21:38	10°♓55'37	0°28'56	min. Earth dist.	-4138 Mar	16 j 14:05	20°♒26'36	0.55540 AU
min. Earth dist.	-4139 Apr	04 j 00:04	10°♓52'11	0.55179 AU	desc. node	-4138 Mar	20 j 01:44	18°♒33'07	
morning rise	-4139 Apr	13 j 03:54	6°♓51'58		morning rise	-4138 Mar	23 j 22:10	17°♒05'29	
direct	-4139 Apr	16 j 00:34	6°♓33'53		direct	-4138 Mar	27 j 14:36	16°♒35'51	
morning max el	-4139 Apr	28 j 09:20	12°♓26'58	21°51'54	morning max el	-4138 Apr	10 j 04:25	23°♒16'52	23°29'16
	-4139 May	11 j 05:59	0°♈			-4138 Apr	16 j 03:47	0°♓	
asc. node	-4139 May	17 j 13:56	12°♈04'29			-4138 May	03 j 11:54	0°♈	
morning set	-4139 May	19 j 05:15	15°♈26'07		morning set	-4138 May	03 j 16:53	0°♈26'03	
	-4139 May	26 j 03:32	0°♉		asc. node	-4138 May	04 j 10:56	2°♈00'51	
superior conj	-4139 May	26 j 14:20	0°♉56'33	1°21'20	superior conj	-4138 May	10 j 20:33	15°♈42'51	1°02'00
minimum elong	-4139 May	26 j 11:39	0°♉42'27	1°21'04	minimum elong	-4138 May	10 j 18:09	15°♈30'03	1°01'39
max. Earth dist.	-4139 May	30 j 00:37	8°♉01'29	1.34777 AU	max. Earth dist.	-4138 May	13 j 01:34	20°♈24'57	1.33705 AU
evening rise	-4139 Jun	03 j 18:16	17°♉24'55			-4138 May	17 j 16:52	0°♉	
	-4139 Jun	10 j 14:08	0°♊		evening rise	-4138 May	18 j 11:13	1°♉31'56	
desc. node	-4139 Jun	29 j 03:20	28°♊27'18			-4138 Jun	03 j 12:28	0°♊	
	-4139 Jun	30 j 08:11	0°♋		desc. node	-4138 Jun	16 j 00:24	17°♊07'05	
evening max el	-4139 Jul	08 j 18:14	9°♋30'00	26°58'16	evening max el	-4138 Jun	21 j 04:58	22°♊40'29	27°23'32
retrograde	-4139 Jul	21 j 22:30	16°♋50'34			-4138 Jul	03 j 12:48	0°♋	
evening set	-4139 Jul	28 j 18:26	14°♋03'35		retrograde	-4138 Jul	04 j 19:23	0°♋04'49	
min. Earth dist.	-4139 Aug	01 j 15:41	10°♋09'31	0.65351 AU		-4138 Jul	06 j 01:26	30°℞♊	
inferior conj	-4139 Aug	03 j 13:25	7°♋56'46	-3°00'-22	evening set	-4138 Jul	11 j 22:19	27°♊22'25	
minimum elong	-4139 Aug	03 j 17:04	7°♋46'07	2°59'08	min. Earth dist.	-4138 Jul	15 j 13:48	24°♊03'51	0.63938 AU
morning rise	-4139 Aug	09 j 16:54	2°♋16'38		inferior conj	-4138 Jul	18 j 01:39	21°♊26'10	-3°-39'-46
direct	-4139 Aug	12 j 13:13	1°♋32'06		minimum elong	-4138 Jul	18 j 05:17	21°♊16'33	3°38'50
asc. node	-4139 Aug	13 j 13:20	1°♋37'37		morning rise	-4138 Jul	24 j 14:03	16°♊03'24	
morning max el	-4139 Aug	19 j 03:22	5°♋08'27	18°22'33	direct	-4138 Jul	27 j 05:38	15°♊28'02	
	-4139 Sep	04 j 22:43	0°♌		asc. node	-4138 Jul	31 j 10:26	16°♊56'21	
morning set	-4139 Sep	07 j 07:55	3°♌54'52		morning max el	-4138 Aug	02 j 18:01	18°♊53'53	18°00'50
						-4138 Aug	10 j 21:32	0°♋	
superior conj	-4139 Sep	22 j 04:31	27°♌53'04	0°18'31	morning set	-4138 Aug	20 j 00:09	15°♋24'47	
minimum elong	-4139 Sep	22 j 06:52	28°♌02'23	0°18'19		-4138 Aug	28 j 14:22	0°♌	
	-4139 Sep	23 j 12:35	0°♍						
max. Earth dist.	-4139 Sep	24 j 13:46	1°♍39'29	1.44750 AU	superior conj	-4138 Sep	01 j 20:20	7°♌00'57	1°01'35
desc. node	-4139 Sep	25 j 02:52	2°♍31'08		minimum elong	-4138 Sep	02 j 02:05	7°♌24'25	1°01'05
evening rise	-4139 Oct	08 j 18:43	23°♍57'30		max. Earth dist.	-4138 Sep	07 j 06:29	15°♌46'35	1.44059 AU
	-4139 Oct	12 j 15:20	0°♎		desc. node	-4138 Sep	11 j 23:48	23°♌15'19	
greatest brilliancy	-4139 Oct	23 j 02:53	16°♎08'24	-0.7m		-4138 Sep	16 j 07:27	0°♍	
evening max el	-4139 Nov	01 j 09:56	28°♎22'10	19°26'10	evening rise	-4138 Sep	18 j 03:02	2°♍48'43	
	-4139 Nov	03 j 03:15	0°♏			-4138 Oct	06 j 06:02	0°♎	
retrograde	-4139 Nov	08 j 14:36	2°♏31'40		greatest brilliancy	-4138 Oct	09 j 03:01	3°♎58'56	-0.6m
asc. node	-4139 Nov	09 j 12:12	2°♏26'59		evening max el	-4138 Oct	15 j 13:35	11°♎48'28	20°24'33
evening set	-4139 Nov	11 j 21:53	1°♏27'59		retrograde	-4138 Oct	23 j 11:55	16°♎28'44	
	-4139 Nov	13 j 17:43	30°℞♎		evening set	-4138 Oct	27 j 04:29	15°♎09'55	
inferior conj	-4139 Nov	17 j 13:57	25°♎31'04	2°31'32	asc. node	-4138 Oct	27 j 09:21	15°♎01'00	
minimum elong	-4139 Nov	17 j 10:59	25°♎40'36	2°30'29	inferior conj	-4138 Nov	01 j 16:22	9°♎01'46	1°44'35
min. Earth dist.	-4139 Nov	18 j 19:03	23°♎57'23	0.66045 AU	minimum elong	-4138 Nov	01 j 14:07	9°♎09'20	1°43'42
morning rise	-4139 Nov	22 j 23:20	19°♎17'48		min. Earth dist.	-4138 Nov	02 j 09:24	8°♎04'23	0.66815 AU
direct	-4139 Nov	29 j 03:42	16°♎36'46		morning rise	-4138 Nov	06 j 23:15	2°♎44'54	
morning max el	-4139 Dec	11 j 14:26	23°♎55'58	26°00'43	direct	-4138 Nov	12 j 12:38	0°♎20'37	
	-4139 Dec	17 j 01:51	0°♏		morning max el	-4138 Nov	23 j 23:16	7°♎09'31	24°42'07
desc. node	-4139 Dec	22 j 02:43	6°♏24'09		desc. node	-4138 Dec	08 j 23:43	25°♎54'28	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4138 Dec 11 j 19:48	0°♏	
morning set	-4138 Dec 29 j 23:01	29°♏10'55	
	-4138 Dec 30 j 10:09	0°♐	
max. Earth dist.	-4137 Jan 02 j 17:56	5°♐58'39	1.37493 AU
superior conj	-4137 Jan 09 j 08:46	18°♐28'09	-1°-46'-33
minimum elong	-4137 Jan 09 j 11:16	18°♐40'16	1°46'35
	-4137 Jan 15 j 04:39	0°♑	
evening rise	-4137 Jan 17 j 21:04	5°♑21'51	
asc. node	-4137 Jan 23 j 08:20	15°♑56'59	
	-4137 Feb 01 j 08:17	0°♒	
evening max el	-4137 Feb 03 j 18:59	2°♒37'55	19°16'08
retrograde	-4137 Feb 12 j 17:38	6°♒53'39	
evening set	-4137 Feb 15 j 02:01	6°♒37'17	
inferior conj	-4137 Feb 23 j 06:59	2°♒27'04	2°54'04
minimum elong	-4137 Feb 23 j 11:58	2°♒18'38	2°52'42
min. Earth dist.	-4137 Feb 26 j 05:06	0°♒29'41	0.56742 AU
	-4137 Feb 26 j 23:44	30°℞♑	
morning rise	-4137 Mar 03 j 18:09	27°♑33'43	
desc. node	-4137 Mar 06 j 22:53	26°♑45'05	
direct	-4137 Mar 08 j 15:38	26°♑38'18	
	-4137 Mar 18 j 02:53	0°♒	
morning max el	-4137 Mar 22 j 19:28	3°♒52'29	25°06'40
	-4137 Apr 10 j 08:35	0°♓	
morning set	-4137 Apr 18 j 05:08	15°♓29'00	
asc. node	-4137 Apr 21 j 07:55	22°♓07'37	
	-4137 Apr 24 j 22:54	0°♈	
superior conj	-4137 Apr 25 j 06:20	0°♈40'27	0°39'56
minimum elong	-4137 Apr 25 j 04:40	0°♈31'21	0°39'35
max. Earth dist.	-4137 Apr 26 j 10:00	3°♈10'29	1.32993 AU
evening rise	-4137 May 02 j 12:32	16°♈04'51	
	-4137 May 09 j 16:38	0°♉	
	-4137 May 29 j 12:16	0°♊	
desc. node	-4137 Jun 02 j 21:30	4°♊45'03	
evening max el	-4137 Jun 03 j 12:53	5°♊22'26	27°18'05
retrograde	-4137 Jun 17 j 10:06	12°♊46'11	
evening set	-4137 Jun 24 j 11:47	10°♊22'34	
min. Earth dist.	-4137 Jun 28 j 02:09	7°♊30'07	0.62171 AU
inferior conj	-4137 Jul 01 j 02:54	4°♊39'33	-4°-7'-51
minimum elong	-4137 Jul 01 j 05:26	4°♊33'37	4°07'25
	-4137 Jul 07 j 03:53	30°℞♉	
morning rise	-4137 Jul 08 j 01:38	29°♉36'42	
direct	-4137 Jul 10 j 14:25	29°♉08'15	
	-4137 Jul 13 j 23:06	0°♊	
morning max el	-4137 Jul 17 j 08:32	2°♊32'53	17°57'21
asc. node	-4137 Jul 18 j 07:30	3°♊32'20	
morning set	-4137 Aug 02 j 13:43	27°♊55'50	
	-4137 Aug 03 j 17:16	0°♋	
superior conj	-4137 Aug 13 j 15:10	17°♋29'15	1°30'55
minimum elong	-4137 Aug 13 j 19:59	17°♋49'51	1°30'42
max. Earth dist.	-4137 Aug 20 j 18:30	29°♋26'31	1.42755 AU
	-4137 Aug 21 j 02:41	0°♌	
evening rise	-4137 Aug 28 j 08:07	11°♌33'27	
desc. node	-4137 Aug 29 j 20:44	13°♌56'24	
	-4137 Sep 09 j 10:53	0°♍	
greatest brilliancy	-4137 Sep 23 j 10:47	19°♍28'12	-0.4m
evening max el	-4137 Sep 28 j 11:02	25°♍13'35	21°35'12
	-4137 Oct 04 j 20:37	0°♎	
retrograde	-4137 Oct 07 j 08:22	0°♎30'14	
	-4137 Oct 09 j 16:57	30°℞♍	
evening set	-4137 Oct 11 j 12:28	28°♍53'49	
asc. node	-4137 Oct 14 j 06:29	26°♍07'05	
inferior conj	-4137 Oct 16 j 21:47	22°♍38'05	0°53'41
minimum elong	-4137 Oct 16 j 20:34	22°♍42'18	0°53'12
min. Earth dist.	-4137 Oct 17 j 03:59	22°♍16'42	0.67268 AU
morning rise	-4137 Oct 22 j 04:21	16°♍20'33	
direct	-4137 Oct 27 j 02:27	14°♍16'57	
morning max el	-4137 Nov 06 j 08:47	20°♍24'55	23°16'00
greatest brilliancy	-4137 Nov 11 j 16:14	26°♍24'35	-0.3m
	-4137 Nov 14 j 12:28	0°♎	
desc. node	-4137 Nov 25 j 20:40	15°♎51'10	
	-4137 Dec 05 j 01:52	0°♏	
morning set	-4137 Dec 11 j 01:55	9°♏46'51	
max. Earth dist.	-4137 Dec 15 j 13:23	17°♏24'05	1.39539 AU
	-4137 Dec 22 j 14:28	0°♐	
superior conj	-4137 Dec 23 j 04:24	1°♐04'18	-1°-54'-9
minimum elong	-4137 Dec 23 j 04:59	1°♐06'58	1°54'20
evening rise	-4136 Jan 01 j 14:26	18°♐58'48	
	-4136 Jan 07 j 10:57	0°♑	
asc. node	-4136 Jan 10 j 05:23	4°♑48'58	
evening max el	-4136 Jan 17 j 20:48	15°♑08'09	18°33'59
retrograde	-4136 Jan 25 j 13:44	18°♑53'29	
evening set	-4136 Jan 28 j 00:57	18°♑31'44	
inferior conj	-4136 Feb 04 j 13:35	14°♑02'12	3°45'32
minimum elong	-4136 Feb 04 j 16:38	13°♑56'13	3°44'57
min. Earth dist.	-4136 Feb 07 j 22:39	11°♑24'53	0.58515 AU
morning rise	-4136 Feb 12 j 04:44	8°♑42'41	
direct	-4136 Feb 18 j 06:10	7°♑09'46	
desc. node	-4136 Feb 21 j 20:00	7°♑41'30	
morning max el	-4136 Mar 03 j 12:23	14°♑41'15	26°29'10
	-4136 Mar 15 j 19:23	0°♒	
	-4136 Apr 01 j 10:47	0°♓	
morning set	-4136 Apr 01 j 16:21	0°♓29'00	
asc. node	-4136 Apr 07 j 04:52	12°♓20'24	
superior conj	-4136 Apr 08 j 17:53	15°♓42'54	0°16'03
minimum elong	-4136 Apr 08 j 17:11	15°♓39'03	0°15'50
max. Earth dist.	-4136 Apr 08 j 22:42	16°♓09'11	1.32629 AU
	-4136 Apr 15 j 09:01	0°♈	
evening rise	-4136 Apr 15 j 19:26	0°♈54'24	
	-4136 May 01 j 19:38	0°♉	
evening max el	-4136 May 15 j 15:49	17°♉26'24	26°39'51
desc. node	-4136 May 19 j 18:37	20°♉55'21	
retrograde	-4136 May 29 j 17:11	24°♉46'24	
evening set	-4136 Jun 05 j 06:38	22°♉54'59	
min. Earth dist.	-4136 Jun 09 j 05:16	20°♉13'34	0.60173 AU
inferior conj	-4136 Jun 12 j 13:43	17°♉28'45	-4°-18'-7
minimum elong	-4136 Jun 12 j 13:43	17°♉28'46	4°18'00
morning rise	-4136 Jun 20 j 00:11	12°♉47'31	
direct	-4136 Jun 22 j 11:46	12°♉24'14	
morning max el	-4136 Jun 29 j 20:03	15°♉58'07	18°13'03
asc. node	-4136 Jul 04 j 04:31	21°♉10'06	
	-4136 Jul 09 j 16:30	0°♊	
morning set	-4136 Jul 15 j 19:19	11°♊14'54	
superior conj	-4136 Jul 25 j 12:12	29°♊16'08	1°45'55
minimum elong	-4136 Jul 25 j 14:19	29°♊25'42	1°46'00
	-4136 Jul 25 j 21:56	0°♋	
max. Earth dist.	-4136 Aug 02 j 00:56	12°♋27'41	1.41020 AU
evening rise	-4136 Aug 07 j 05:38	21°♋06'05	
	-4136 Aug 12 j 19:33	0°♌	
desc. node	-4136 Aug 15 j 17:42	4°♌31'02	
	-4136 Sep 02 j 15:58	0°♍	
greatest brilliancy	-4136 Sep 05 j 02:39	3°♍02'55	-0.3m
evening max el	-4136 Sep 10 j 02:49	8°♍39'16	22°53'47
retrograde	-4136 Sep 20 j 02:23	14°♍34'16	
evening set	-4136 Sep 24 j 20:03	12°♍38'25	
inferior conj	-4136 Sep 30 j 04:22	6°♍18'38	0°00'40
minimum elong	-4136 Sep 30 j 04:21	6°♍18'42	0°00'45
transit middle	-4136 Sep 30 j 04:21	6°♍18'42	0°00'45
transit begin	-4136 Sep 30 j 01:39	6°♍28'00	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

transit end	-4136 Sep 30 j 07:02	6°♍09'24	
min. Earth dist.	-4136 Sep 30 j 00:20	6°♍32'31	0.67426 AU
asc. node	-4136 Sep 30 j 03:36	6°♍21'17	
morning rise	-4136 Oct 05 j 12:34	0°♍03'37	
	-4136 Oct 05 j 14:24	30°℞♌	
direct	-4136 Oct 09 j 20:16	28°♌21'30	
	-4136 Oct 14 j 12:33	0°♍	
morning max el	-4136 Oct 18 j 22:10	3°♍44'48	21°51'21
greatest brilliancy	-4136 Oct 23 j 20:08	9°♍21'34	-0.4m
	-4136 Nov 07 j 16:05	0°♎	
desc. node	-4136 Nov 11 j 17:35	6°♎06'38	
morning set	-4136 Nov 20 j 00:01	18°♎59'12	
max. Earth dist.	-4136 Nov 26 j 13:07	29°♎38'29	1.41556 AU
	-4136 Nov 26 j 18:17	0°♏	
superior conj	-4136 Dec 04 j 04:04	12°♏39'21	-1°-50'-40
minimum elong	-4136 Dec 04 j 01:21	12°♏27'27	1°50'42
	-4136 Dec 13 j 18:40	0°♐	
evening rise	-4136 Dec 14 j 20:22	1°♐58'32	
asc. node	-4136 Dec 27 j 02:27	23°♐02'47	
evening max el	-4136 Dec 31 j 05:04	28°♐02'18	18°11'49
	-4135 Jan 02 j 13:44	0°♑	
retrograde	-4135 Jan 07 j 03:28	1°♑32'43	
evening set	-4135 Jan 09 j 17:23	1°♑04'17	
	-4135 Jan 11 j 21:36	30°℞♐	
inferior conj	-4135 Jan 16 j 15:56	26°♐12'30	4°03'16
minimum elong	-4135 Jan 16 j 16:10	26°♐12'00	4°03'05
min. Earth dist.	-4135 Jan 19 j 21:24	23°♐18'20	0.60517 AU
morning rise	-4135 Jan 23 j 12:13	20°♐34'02	
direct	-4135 Jan 30 j 07:37	18°♐23'42	
desc. node	-4135 Feb 07 j 17:05	21°♐19'11	
morning max el	-4135 Feb 13 j 10:56	26°♐03'08	27°23'36
	-4135 Feb 17 j 04:10	0°♑	
	-4135 Mar 09 j 04:25	0°♒	
morning set	-4135 Mar 17 j 00:38	15°♒18'07	
max. Earth dist.	-4135 Mar 23 j 11:55	29°♒06'59	1.32602 AU
	-4135 Mar 23 j 21:37	0°♓	
superior conj	-4135 Mar 24 j 05:27	0°♓42'45	0°-8'-51
minimum elong	-4135 Mar 24 j 05:51	0°♓44'56	0°08'54
behind sun begin	-4135 Mar 24 j 01:40	0°♓22'04	
behind sun end	-4135 Mar 24 j 10:02	1°♓07'49	
asc. node	-4135 Mar 25 j 01:50	2°♓34'10	
evening rise	-4135 Mar 31 j 05:36	15°♓51'16	
	-4135 Apr 07 j 08:27	0°♈	
evening max el	-4135 Apr 27 j 12:31	28°♈48'11	25°31'56
	-4135 Apr 28 j 19:41	0°♉	
desc. node	-4135 May 06 j 15:46	5°♉02'55	
retrograde	-4135 May 11 j 14:24	6°♉00'19	
evening set	-4135 May 17 j 03:53	4°♉47'15	
min. Earth dist.	-4135 May 22 j 00:55	2°♉00'18	0.58164 AU
	-4135 May 24 j 20:59	30°℞♈	
inferior conj	-4135 May 25 j 06:27	29°♈43'02	-4°-1'-24
minimum elong	-4135 May 25 j 02:58	29°♈49'17	4°00'55
morning rise	-4135 Jun 02 j 06:02	25°♈23'17	
direct	-4135 Jun 04 j 17:18	25°♈04'05	
morning max el	-4135 Jun 13 j 01:38	28°♈59'49	18°48'49
	-4135 Jun 14 j 01:53	0°♉	
asc. node	-4135 Jun 21 j 01:30	9°♉34'58	
morning set	-4135 Jun 29 j 12:30	25°♉09'49	
	-4135 Jul 01 j 23:49	0°♊	
superior conj	-4135 Jul 08 j 05:56	12°♊06'07	1°49'04
minimum elong	-4135 Jul 08 j 05:36	12°♊04'30	1°49'14
max. Earth dist.	-4135 Jul 15 j 03:24	24°♊47'32	1.39078 AU
	-4135 Jul 18 j 02:36	0°♋	
evening rise	-4135 Jul 19 j 04:51	1°♋52'57	
desc. node	-4135 Aug 02 j 14:42	24°♋54'42	
	-4135 Aug 06 j 02:02	0°♌	
evening max el	-4135 Aug 23 j 14:50	22°♌07'27	24°14'26
retrograde	-4135 Sep 03 j 16:56	28°♌38'06	
evening set	-4135 Sep 09 j 01:33	26°♌22'31	
inferior conj	-4135 Sep 14 j 10:26	20°♌02'06	0°-52'-45
minimum elong	-4135 Sep 14 j 11:40	19°♌57'57	0°52'08
min. Earth dist.	-4135 Sep 13 j 19:59	20°♌50'52	0.67278 AU
asc. node	-4135 Sep 17 j 00:42	16°♌41'09	
morning rise	-4135 Sep 19 j 22:00	13°♌52'49	
direct	-4135 Sep 23 j 16:55	12°♌30'48	
morning max el	-4135 Oct 01 j 18:17	17°♌13'33	20°35'04
greatest brilliancy	-4135 Oct 08 j 01:01	24°♌45'03	-0.5m
	-4135 Oct 11 j 20:33	0°♍	
desc. node	-4135 Oct 29 j 14:30	26°♍35'35	
morning set	-4135 Oct 30 j 01:15	27°♍17'17	
	-4135 Oct 31 j 19:03	0°♎	
max. Earth dist.	-4135 Nov 08 j 20:50	12°♎48'35	1.43246 AU
superior conj	-4135 Nov 15 j 02:20	23°♎00'51	-1°-32'-22
minimum elong	-4135 Nov 14 j 20:09	22°♎35'10	1°31'54
	-4135 Nov 19 j 05:58	0°♏	
evening rise	-4135 Nov 27 j 10:59	14°♏13'41	
	-4135 Dec 06 j 14:07	0°♐	
asc. node	-4135 Dec 13 j 23:33	10°♐27'18	
evening max el	-4135 Dec 14 j 16:56	11°♐12'55	18°09'11
retrograde	-4135 Dec 21 j 06:57	14°♐41'36	
evening set	-4135 Dec 23 j 23:48	14°♐05'37	
inferior conj	-4135 Dec 30 j 10:59	8°♐52'15	3°56'05
minimum elong	-4135 Dec 30 j 09:04	8°♐57'11	3°55'43
min. Earth dist.	-4134 Jan 02 j 04:40	6°♐03'49	0.62447 AU
morning rise	-4134 Jan 05 j 16:23	2°♐59'50	
direct	-4134 Jan 12 j 17:54	0°♐22'39	
desc. node	-4134 Jan 25 j 14:09	7°♐04'56	
morning max el	-4134 Jan 26 j 15:42	8°♐06'06	27°42'37
	-4134 Feb 12 j 13:08	0°♑	
morning set	-4134 Mar 01 j 03:55	29°♑49'05	
	-4134 Mar 01 j 06:05	0°♒	
max. Earth dist.	-4134 Mar 06 j 21:49	11°♒50'05	1.32929 AU
superior conj	-4134 Mar 08 j 15:24	15°♒34'14	0°-33'-54
minimum elong	-4134 Mar 08 j 16:55	15°♒42'24	0°33'44
asc. node	-4134 Mar 11 j 22:50	22°♒44'57	
	-4134 Mar 15 j 07:59	0°♓	
evening rise	-4134 Mar 15 j 17:11	0°♓48'32	
	-4134 Apr 01 j 01:27	0°♈	
evening max el	-4134 Apr 09 j 04:44	9°♈38'19	24°03'58
retrograde	-4134 Apr 22 j 23:49	16°♈33'05	
desc. node	-4134 Apr 23 j 12:55	16°♈32'25	
evening set	-4134 Apr 27 j 05:46	15°♈52'58	
min. Earth dist.	-4134 May 03 j 16:19	12°♈46'31	0.56457 AU
inferior conj	-4134 May 06 j 03:04	11°♈15'31	-3°-7'-52
minimum elong	-4134 May 05 j 21:13	11°♈24'38	3°06'28
morning rise	-4134 May 14 j 16:35	7°♈13'03	
direct	-4134 May 17 j 03:59	6°♈56'56	
morning max el	-4134 May 26 j 22:40	11°♈29'13	19°45'04
asc. node	-4134 Jun 07 j 22:30	28°♈35'59	
	-4134 Jun 08 j 16:39	0°♉	
morning set	-4134 Jun 13 j 13:53	9°♉31'51	
superior conj	-4134 Jun 21 j 14:53	25°♉43'49	1°43'13
minimum elong	-4134 Jun 21 j 12:57	25°♉34'17	1°43'15
	-4134 Jun 23 j 19:02	0°♊	
max. Earth dist.	-4134 Jun 27 j 06:19	6°♊38'27	1.37188 AU
evening rise	-4134 Jul 01 j 04:53	13°♊53'22	
	-4134 Jul 10 j 15:29	0°♋	
desc. node	-4134 Jul 20 j 11:45	15°♋01'24	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4134 Jul 31 j 20:55	0°♌	
evening max el	-4134 Aug 06 j 01:25	5°♌37'50	25°29'48
retrograde	-4134 Aug 18 j 03:18	12°♌36'43	
evening set	-4134 Aug 24 j 03:01	10°♌03'42	
min. Earth dist.	-4134 Aug 28 j 12:32	5°♌09'00	0.66807 AU
inferior conj	-4134 Aug 29 j 14:12	3°♌45'55	-1°-45'-1
minimum elong	-4134 Aug 29 j 16:36	3°♌38'07	1°43'58
	-4134 Sep 01 j 16:46	30℞♋	
asc. node	-4134 Sep 03 j 21:48	28°♋00'43	
morning rise	-4134 Sep 04 j 06:45	27°♋45'30	
direct	-4134 Sep 07 j 15:00	26°♋40'45	
	-4134 Sep 14 j 00:52	0°♌	
morning max el	-4134 Sep 14 j 21:42	0°♌51'06	19°31'24
greatest brilliancy	-4134 Sep 23 j 22:43	12°♌31'23	-0.7m
	-4134 Oct 05 j 10:28	0°♍	
morning set	-4134 Oct 09 j 02:47	5°♍43'15	
desc. node	-4134 Oct 16 j 11:26	17°♍13'09	
max. Earth dist.	-4134 Oct 22 j 10:51	26°♍38'08	1.44380 AU
	-4134 Oct 24 j 13:39	0°♎	
superior conj	-4134 Oct 25 j 21:14	2°♎06'02	0°-57'-21
minimum elong	-4134 Oct 25 j 14:51	1°♎40'29	0°56'36
evening rise	-4134 Nov 09 j 05:33	25°♎34'13	
	-4134 Nov 11 j 21:07	0°♏	
evening max el	-4134 Nov 28 j 05:33	24°♏33'00	18°25'20
asc. node	-4134 Nov 30 j 20:40	26°♏48'04	
retrograde	-4134 Dec 04 j 19:44	28°♏10'41	
evening set	-4134 Dec 07 j 16:38	27°♏25'46	
inferior conj	-4134 Dec 13 j 18:50	21°♏53'11	3°31'45
minimum elong	-4134 Dec 13 j 15:51	22°♏01'43	3°31'01
min. Earth dist.	-4134 Dec 15 j 22:00	19°♏27'00	0.64119 AU
morning rise	-4134 Dec 19 j 13:40	15°♏50'22	
direct	-4134 Dec 26 j 11:43	13°♏00'54	
morning max el	-4133 Jan 09 j 00:24	20°♏43'25	27°25'56
desc. node	-4133 Jan 12 j 11:12	24°♏23'18	
	-4133 Jan 17 j 02:32	0°♐	
	-4133 Feb 05 j 13:58	0°♑	
morning set	-4133 Feb 12 j 23:30	13°♑52'32	
max. Earth dist.	-4133 Feb 18 j 00:15	24°♑04'23	1.33646 AU
superior conj	-4133 Feb 20 j 21:56	0°♒10'53	0°-58'-6
minimum elong	-4133 Feb 21 j 00:24	0°♒23'59	0°57'49
	-4133 Feb 20 j 19:53	0°♒	
asc. node	-4133 Feb 26 j 19:53	12°♒48'15	
evening rise	-4133 Feb 28 j 04:23	15°♒39'26	
	-4133 Mar 07 j 10:38	0°♓	
evening max el	-4133 Mar 21 j 21:58	20°♓21'38	22°29'48
retrograde	-4133 Apr 03 j 21:14	26°♓41'45	
evening set	-4133 Apr 06 j 22:39	26°♓21'10	
desc. node	-4133 Apr 10 j 10:02	25°♓12'41	
min. Earth dist.	-4133 Apr 15 j 06:35	22°♓42'54	0.55385 AU
inferior conj	-4133 Apr 16 j 06:07	22°♓09'20	-1°-35'-4
minimum elong	-4133 Apr 16 j 01:57	22°♓15'17	1°33'45
morning rise	-4133 Apr 25 j 07:24	18°♓12'18	
direct	-4133 Apr 27 j 21:53	17°♓56'41	
morning max el	-4133 May 09 j 09:14	23°♓19'09	21°00'54
	-4133 May 15 j 04:21	0°♈	
asc. node	-4133 May 25 j 19:32	18°♈04'20	
morning set	-4133 May 28 j 20:54	24°♈14'04	
	-4133 May 31 j 15:43	0°♉	
superior conj	-4133 Jun 05 j 10:39	9°♉56'35	1°30'47
minimum elong	-4133 Jun 05 j 08:02	9°♉43'05	1°30'37
max. Earth dist.	-4133 Jun 09 j 15:39	18°♉26'52	1.35550 AU
evening rise	-4133 Jun 14 j 00:50	26°♉55'11	
	-4133 Jun 15 j 16:29	0°♊	
	-4133 Jul 03 j 23:40	0°♋	
desc. node	-4133 Jul 07 j 08:48	4°♋43'44	
evening max el	-4133 Jul 19 j 12:24	19°♋08'05	26°31'46
retrograde	-4133 Aug 01 j 08:58	26°♋24'26	
evening set	-4133 Aug 07 j 22:21	23°♋39'54	
min. Earth dist.	-4133 Aug 11 j 23:42	19°♋23'45	0.65988 AU
inferior conj	-4133 Aug 13 j 13:47	17°♋27'56	-2°-34'-16
minimum elong	-4133 Aug 13 j 17:07	17°♋17'47	2°33'00
morning rise	-4133 Aug 19 j 12:52	11°♋39'29	
asc. node	-4133 Aug 21 j 18:54	10°♋51'45	
direct	-4133 Aug 22 j 12:46	10°♋48'37	
morning max el	-4133 Aug 29 j 07:13	14°♋35'13	18°42'53
	-4133 Sep 09 j 12:12	0°♌	
morning set	-4133 Sep 19 j 00:59	15°♌12'21	
	-4133 Sep 28 j 07:51	0°♍	
desc. node	-4133 Oct 03 j 08:23	7°♍55'57	
superior conj	-4133 Oct 04 j 22:14	10°♍25'05	0°-9'-59
minimum elong	-4133 Oct 04 j 20:56	10°♍19'55	0°09'45
behind sun begin	-4133 Oct 04 j 11:40	9°♍43'27	
behind sun end	-4133 Oct 05 j 06:11	10°♍56'24	
max. Earth dist.	-4133 Oct 05 j 04:04	10°♍48'04	1.44826 AU
	-4133 Oct 17 j 07:38	0°♎	
evening rise	-4133 Oct 20 j 23:57	5°♎51'50	
	-4133 Nov 05 j 09:57	0°♏	
evening max el	-4133 Nov 11 j 16:26	7°♏58'25	18°59'14
asc. node	-4133 Nov 17 j 17:47	11°♏50'00	
retrograde	-4133 Nov 18 j 13:59	11°♏54'00	
evening set	-4133 Nov 21 j 16:49	10°♏58'01	
inferior conj	-4133 Nov 27 j 12:05	5°♏09'16	2°55'52
minimum elong	-4133 Nov 27 j 08:55	5°♏19'04	2°54'52
min. Earth dist.	-4133 Nov 29 j 00:58	3°♏14'50	0.65450 AU
	-4133 Dec 01 j 21:56	30℞♎	
morning rise	-4133 Dec 03 j 00:02	28°♎58'56	
direct	-4133 Dec 09 j 12:05	26°♎11'19	
	-4133 Dec 18 j 06:25	0°♏	
morning max el	-4133 Dec 22 j 10:07	3°♏43'05	26°38'31
desc. node	-4133 Dec 30 j 08:14	12°♏47'30	
	-4132 Jan 11 j 11:24	0°♐	
morning set	-4132 Jan 27 j 07:49	27°♐17'23	
	-4132 Jan 28 j 17:50	0°♑	
max. Earth dist.	-4132 Jan 31 j 15:50	5°♑42'57	1.34804 AU
superior conj	-4132 Feb 04 j 22:53	14°♑26'08	-1°-20'-12
minimum elong	-4132 Feb 05 j 01:57	14°♑41'56	1°19'57
	-4132 Feb 12 j 09:56	0°♒	
evening rise	-4132 Feb 12 j 13:26	0°♒18'06	
asc. node	-4132 Feb 13 j 16:56	2°♒39'22	
	-4132 Mar 01 j 12:42	0°♓	
evening max el	-4132 Mar 02 j 22:23	1°♓24'43	21°02'10
retrograde	-4132 Mar 14 j 10:57	6°♓54'39	
evening set	-4132 Mar 16 j 21:13	6°♓40'55	
inferior conj	-4132 Mar 26 j 01:25	2°♓42'54	0°20'37
minimum elong	-4132 Mar 26 j 02:21	2°♓41'33	0°20'12
min. Earth dist.	-4132 Mar 26 j 20:51	2°♓15'13	0.55206 AU
desc. node	-4132 Mar 27 j 07:12	2°♓00'33	
	-4132 Mar 31 j 03:31	30℞♒	
morning rise	-4132 Apr 04 j 06:31	28°♒33'32	
direct	-4132 Apr 07 j 09:54	28°♒11'59	
	-4132 Apr 14 j 07:25	0°♓	
morning max el	-4132 Apr 20 j 09:09	4°♓27'48	22°32'33
	-4132 May 07 j 18:27	0°♈	
asc. node	-4132 May 11 j 16:33	7°♈52'03	
morning set	-4132 May 12 j 07:23	9°♈08'59	
superior conj	-4132 May 19 j 13:47	24°♈32'54	1°13'34
minimum elong	-4132 May 19 j 11:10	24°♈19'00	1°13'14
	-4132 May 22 j 04:11	0°♉	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4132 May 22 j 10:53	0°♉34'47	1.34268 AU
evening rise	-4132 May 27 j 11:23	10°♉42'20	
	-4132 Jun 07 j 01:48	0°♊	
desc. node	-4132 Jun 23 j 05:52	23°♊50'30	
	-4132 Jun 28 j 12:56	0°♋	
evening max el	-4132 Jun 30 j 23:48	2°♋29'40	27°12'32
retrograde	-4132 Jul 14 j 09:17	9°♋53'02	
evening set	-4132 Jul 21 j 08:47	7°♋06'33	
min. Earth dist.	-4132 Jul 25 j 03:15	3°♋28'03	0.64795 AU
inferior conj	-4132 Jul 27 j 06:55	1°♋03'36	-3°-18'-11
minimum elong	-4132 Jul 27 j 10:41	0°♋53'04	3°17'02
	-4132 Jul 28 j 05:51	30°℞♊	
morning rise	-4132 Aug 02 j 14:01	25°♊30'16	
direct	-4132 Aug 05 j 07:58	24°♊50'02	
asc. node	-4132 Aug 07 j 15:59	25°♊18'51	
morning max el	-4132 Aug 11 j 20:39	28°♊21'14	18°11'02
	-4132 Aug 13 j 08:52	0°♋	
morning set	-4132 Aug 30 j 02:34	26°♋00'27	
	-4132 Sep 01 j 11:58	0°♌	
superior conj	-4132 Sep 13 j 02:39	18°♌58'13	0°38'11
minimum elong	-4132 Sep 13 j 07:03	19°♌15'48	0°37'45
max. Earth dist.	-4132 Sep 16 j 21:44	25°♌00'53	1.44545 AU
desc. node	-4132 Sep 19 j 05:19	28°♌40'29	
	-4132 Sep 20 j 01:32	0°♍	
evening rise	-4132 Sep 29 j 18:12	15°♍07'55	
	-4132 Oct 09 j 09:39	0°♎	
greatest brilliancy	-4132 Oct 17 j 04:51	11°♎35'19	-0.6m
evening max el	-4132 Oct 24 j 23:19	21°♎25'34	19°49'21
retrograde	-4132 Nov 01 j 10:47	25°♎47'05	
asc. node	-4132 Nov 03 j 14:53	25°♎19'43	
evening set	-4132 Nov 04 j 21:43	24°♎37'25	
inferior conj	-4132 Nov 10 j 11:50	18°♎35'35	2°12'12
minimum elong	-4132 Nov 10 j 09:08	18°♎44'29	2°11'12
min. Earth dist.	-4132 Nov 11 j 11:43	17°♎17'03	0.66419 AU
morning rise	-4132 Nov 15 j 19:52	12°♎20'30	
direct	-4132 Nov 21 j 18:10	9°♎45'33	
morning max el	-4132 Dec 03 j 19:07	16°♎53'21	25°28'40
	-4132 Dec 14 j 18:29	0°♏	
desc. node	-4132 Dec 16 j 05:15	1°♏58'02	
	-4131 Jan 03 j 09:56	0°♐	
morning set	-4131 Jan 09 j 00:07	9°♐49'35	
max. Earth dist.	-4131 Jan 12 j 19:53	16°♐54'00	1.36407 AU
superior conj	-4131 Jan 18 j 15:31	28°♐11'56	-1°-38'-32
minimum elong	-4131 Jan 18 j 18:31	28°♐26'48	1°38'27
	-4131 Jan 19 j 13:09	0°♑	
evening rise	-4131 Jan 26 j 18:21	14°♑38'41	
asc. node	-4131 Jan 30 j 13:58	22°♑13'09	
	-4131 Feb 03 j 19:37	0°♒	
evening max el	-4131 Feb 13 j 09:10	13°♒02'11	19°49'29
retrograde	-4131 Feb 23 j 04:52	17°♒41'31	
evening set	-4131 Feb 25 j 12:32	17°♒27'08	
inferior conj	-4131 Mar 06 j 03:07	13°♒25'12	2°07'05
minimum elong	-4131 Mar 06 j 07:49	13°♒17'54	2°05'33
min. Earth dist.	-4131 Mar 08 j 11:11	11°♒58'22	0.55961 AU
desc. node	-4131 Mar 14 j 04:20	9°♒05'49	
morning rise	-4131 Mar 14 j 23:54	8°♒49'37	
direct	-4131 Mar 19 j 04:27	8°♒10'36	
morning max el	-4131 Apr 02 j 01:35	15°♒07'49	24°11'32
	-4131 Apr 13 j 18:47	0°♓	
morning set	-4131 Apr 26 j 19:28	24°♓10'42	
asc. node	-4131 Apr 28 j 13:33	27°♓53'24	
	-4131 Apr 29 j 13:12	0°♈	
superior conj	-4131 May 03 j 21:45	9°♈24'33	0°52'56
minimum elong	-4131 May 03 j 19:37	9°♈13'04	0°52'34

max. Earth dist.	-4131 May 05 j 15:27	13°♈08'41	1.33360 AU
evening rise	-4131 May 11 j 08:18	25°♈01'43	
	-4131 May 13 j 20:26	0°♉	
	-4131 May 31 j 14:33	0°♊	
desc. node	-4131 Jun 10 j 02:57	12°♊06'33	
evening max el	-4131 Jun 13 j 09:52	15°♊30'07	27°25'17
retrograde	-4131 Jun 27 j 03:27	22°♊53'51	
evening set	-4131 Jul 04 j 07:00	20°♊18'03	
min. Earth dist.	-4131 Jul 07 j 21:23	17°♊11'49	0.63227 AU
inferior conj	-4131 Jul 10 j 14:53	14°♊27'08	-3°-53'-25
minimum elong	-4131 Jul 10 j 18:12	14°♊18'45	3°52'41
morning rise	-4131 Jul 17 j 07:28	9°♊12'11	
direct	-4131 Jul 19 j 21:41	8°♊39'54	
asc. node	-4131 Jul 25 j 13:03	11°♊11'55	
morning max el	-4131 Jul 26 j 11:28	12°♊04'03	17°57'01
	-4131 Aug 07 j 15:09	0°♋	
morning set	-4131 Aug 12 j 04:35	7°♋58'29	
superior conj	-4131 Aug 24 j 05:23	28°♋38'24	1°15'52
minimum elong	-4131 Aug 24 j 11:08	29°♋02'20	1°15'26
	-4131 Aug 25 j 01:01	0°♌	
max. Earth dist.	-4131 Aug 30 j 13:02	8°♌59'35	1.43580 AU
desc. node	-4131 Sep 06 j 02:14	19°♌23'42	
evening rise	-4131 Sep 08 j 22:39	23°♌50'02	
	-4131 Sep 12 j 22:51	0°♍	
greatest brilliancy	-4131 Oct 02 j 07:43	28°♍07'22	-0.5m
	-4131 Oct 03 j 18:58	0°♎	
evening max el	-4131 Oct 08 j 00:28	4°♎51'49	20°53'21
retrograde	-4131 Oct 16 j 07:48	9°♎46'25	
evening set	-4131 Oct 20 j 05:08	8°♎20'17	
asc. node	-4131 Oct 21 j 12:00	7°♎13'51	
inferior conj	-4131 Oct 25 j 15:44	2°♎08'39	1°23'20
minimum elong	-4131 Oct 25 j 13:54	2°♎14'55	1°22'37
min. Earth dist.	-4131 Oct 26 j 04:02	1°♎26'45	0.67053 AU
	-4131 Oct 27 j 05:51	30°℞♍	
morning rise	-4131 Oct 30 j 22:16	25°♍51'23	
direct	-4131 Nov 05 j 05:12	23°♍35'38	
morning max el	-4131 Nov 16 j 03:47	0°♎07'12	24°05'48
	-4131 Nov 16 j 00:56	0°♎	
desc. node	-4131 Dec 03 j 02:11	21°♎40'34	
	-4131 Dec 08 j 16:32	0°♏	
morning set	-4131 Dec 21 j 18:18	21°♏11'37	
max. Earth dist.	-4131 Dec 25 j 16:44	28°♏05'31	1.38356 AU
	-4131 Dec 26 j 18:14	0°♐	
superior conj	-4130 Jan 01 j 20:06	11°♐16'45	-1°-50'-54
minimum elong	-4130 Jan 01 j 21:57	11°♐25'35	1°51'01
evening rise	-4130 Jan 10 j 16:43	28°♐33'29	
	-4130 Jan 11 j 10:22	0°♑	
asc. node	-4130 Jan 17 j 11:00	11°♑22'25	
evening max el	-4130 Jan 27 j 05:57	25°♑13'55	18°55'41
retrograde	-4130 Feb 04 j 14:27	29°♑14'47	
evening set	-4130 Feb 07 j 00:08	28°♑56'12	
inferior conj	-4130 Feb 14 j 21:54	24°♑38'00	3°20'29
minimum elong	-4130 Feb 15 j 02:20	24°♑30'02	3°19'27
min. Earth dist.	-4130 Feb 18 j 02:37	22°♑21'30	0.57452 AU
morning rise	-4130 Feb 23 j 00:49	19°♑33'00	
direct	-4130 Feb 28 j 11:01	18°♑22'41	
desc. node	-4130 Mar 01 j 01:28	18°♑23'34	
morning max el	-4130 Mar 14 j 16:38	25°♑44'49	25°44'32
	-4130 Mar 18 j 16:24	0°♒	
	-4130 Apr 06 j 18:30	0°♓	
morning set	-4130 Apr 11 j 07:27	9°♓12'40	
asc. node	-4130 Apr 15 j 10:31	18°♓02'52	
superior conj	-4130 Apr 18 j 08:27	24°♓24'10	0°29'58
minimum elong	-4130 Apr 18 j 07:10	24°♓17'09	0°29'40

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4130 Apr 19 j 02:18	26°♓01'29	1.32800 AU	
	-4130 Apr 20 j 22:15	0°♈		
evening rise	-4130 Apr 25 j 12:16	9°♈42'07		
	-4130 May 06 j 04:48	0°♉		
evening max el	-4130 May 26 j 15:57	27°♉56'23	27°05'47	
desc. node	-4130 May 28 j 00:04	29°♉10'30		
	-4130 May 28 j 22:59	0°♊		
retrograde	-4130 Jun 09 j 14:49	5°♊18'12		
evening set	-4130 Jun 16 j 12:58	3°♊06'50		
min. Earth dist.	-4130 Jun 20 j 05:24	0°♊21'23	0.61340 AU	
	-4130 Jun 20 j 15:22	30°℞♉		
inferior conj	-4130 Jun 23 j 10:24	27°♉30'51	-4°-14'-53	
minimum elong	-4130 Jun 23 j 12:02	27°♉27'14	4°14'38	
morning rise	-4130 Jun 30 j 13:56	22°♉37'06		
direct	-4130 Jul 03 j 02:13	22°♉10'51		
morning max el	-4130 Jul 10 j 01:01	25°♉37'41	18°01'43	
asc. node	-4130 Jul 12 j 10:05	28°♉15'36		
	-4130 Jul 13 j 18:08	0°♊		
morning set	-4130 Jul 26 j 01:35	20°♊51'33		
	-4130 Jul 31 j 01:30	0°♋		
superior conj	-4130 Aug 05 j 11:55	9°♋41'44	1°38'55	
minimum elong	-4130 Aug 05 j 15:39	9°♋58'03	1°38'51	
max. Earth dist.	-4130 Aug 12 j 23:18	22°♋26'31	1.42057 AU	
	-4130 Aug 17 j 14:19	0°♌		
evening rise	-4130 Aug 19 j 08:47	2°♌49'48		
desc. node	-4130 Aug 23 j 23:12	10°♌02'38		
	-4130 Sep 06 j 09:41	0°♍		
greatest brilliancy	-4130 Sep 16 j 01:14	12°♍54'27	-0.3m	
evening max el	-4130 Sep 20 j 19:22	18°♍17'12	22°07'52	
retrograde	-4130 Sep 30 j 03:26	23°♍50'02		
evening set	-4130 Oct 04 j 13:12	22°♍05'15		
asc. node	-4130 Oct 08 j 09:06	17°♍52'33		
inferior conj	-4130 Oct 09 j 21:52	15°♍47'14	0°31'22	
minimum elong	-4130 Oct 09 j 21:09	15°♍49'44	0°31'07	
min. Earth dist.	-4130 Oct 09 j 23:36	15°♍41'15	0.67374 AU	
morning rise	-4130 Oct 15 j 04:56	9°♍30'35		
direct	-4130 Oct 19 j 20:41	7°♍36'26		
morning max el	-4130 Oct 29 j 14:44	13°♍25'04	22°39'25	
greatest brilliancy	-4130 Nov 03 j 08:08	18°♍44'03	-0.3m	
	-4130 Nov 11 j 20:41	0°♎		
desc. node	-4130 Nov 19 j 23:07	11°♎46'12		
	-4130 Dec 01 j 15:25	0°♏		
morning set	-4130 Dec 02 j 08:59	1°♏11'35		
max. Earth dist.	-4130 Dec 07 j 13:50	9°♏52'00	1.40426 AU	
superior conj	-4130 Dec 15 j 07:56	23°♏28'31	-1°-54'-16	
minimum elong	-4130 Dec 15 j 07:15	23°♏25'27	1°54'25	
	-4130 Dec 18 j 21:23	0°♐		
evening rise	-4130 Dec 25 j 05:42	11°♐55'52		
asc. node	-4129 Jan 04 j 08:03	29°♐59'16		
	-4129 Jan 04 j 08:14	0°♑		
evening max el	-4129 Jan 10 j 10:46	7°♑54'40	18°22'00	
retrograde	-4129 Jan 17 j 18:38	11°♑32'17		
evening set	-4129 Jan 20 j 06:54	11°♑07'53		
inferior conj	-4129 Jan 27 j 13:12	6°♑28'43	3°56'40	
minimum elong	-4129 Jan 27 j 15:02	6°♑24'53	3°56'20	
min. Earth dist.	-4129 Jan 30 j 21:59	3°♑41'18	0.59361 AU	
morning rise	-4129 Feb 03 j 19:54	0°♑59'58		
	-4129 Feb 05 j 22:52	30°℞♐		
direct	-4129 Feb 10 j 06:09	29°♐10'42		
	-4129 Feb 14 j 16:12	0°♑		
desc. node	-4129 Feb 15 j 22:34	0°♑31'11		
morning max el	-4129 Feb 24 j 11:57	6°♑46'24	26°56'23	
	-4129 Mar 13 j 21:10	0°♒		
morning set	-4129 Mar 26 j 17:39	24°♒08'35		
	-4129 Mar 29 j 12:06	0°♓		

asc. node	-4129 Apr 02 j 07:30	8°♓16'14		
superior conj	-4129 Apr 02 j 20:11	9°♓25'39	0°05'32	
minimum elong	-4129 Apr 02 j 19:56	9°♓24'19	0°05'24	
behind sun begin	-4129 Apr 02 j 15:13	8°♓58'28		
behind sun end	-4129 Apr 03 j 00:40	9°♓50'10		
max. Earth dist.	-4129 Apr 02 j 15:42	9°♓01'07	1.32575 AU	
evening rise	-4129 Apr 09 j 20:47	24°♓34'56		
	-4129 Apr 12 j 12:04	0°♈		
	-4129 Apr 30 j 06:59	0°♉		
evening max el	-4129 May 08 j 15:56	9°♉40'29	26°14'05	
desc. node	-4129 May 14 j 21:13	14°♉32'35		
retrograde	-4129 May 22 j 18:02	16°♉58'31		
evening set	-4129 May 28 j 22:47	15°♉22'54		
min. Earth dist.	-4129 Jun 02 j 04:46	12°♉41'21	0.59296 AU	
inferior conj	-4129 Jun 05 j 13:51	10°♉05'19	-4°-14'-57	
minimum elong	-4129 Jun 05 j 12:24	10°♉08'08	4°14'48	
morning rise	-4129 Jun 13 j 05:46	5°♉33'51		
direct	-4129 Jun 15 j 17:09	5°♉12'29		
morning max el	-4129 Jun 23 j 10:25	8°♉53'45	18°25'56	
asc. node	-4129 Jun 29 j 07:07	16°♉14'27		
	-4129 Jul 07 j 04:32	0°♊		
morning set	-4129 Jul 09 j 12:32	4°♊26'15		
superior conj	-4129 Jul 18 j 18:28	21°♊57'13	1°48'32	
minimum elong	-4129 Jul 18 j 19:27	22°♊01'45	1°48'42	
	-4129 Jul 23 j 05:06	0°♋		
max. Earth dist.	-4129 Jul 26 j 03:24	5°♋08'13	1.40191 AU	
evening rise	-4129 Jul 30 j 16:42	12°♋51'37		
	-4129 Aug 10 j 11:31	0°♌		
desc. node	-4129 Aug 10 j 20:12	0°♌32'58		
	-4129 Sep 01 j 17:36	0°♍		
evening max el	-4129 Sep 03 j 09:03	1°♍42'46	23°28'13	
retrograde	-4129 Sep 13 j 20:15	7°♍54'22		
evening set	-4129 Sep 18 j 20:08	5°♍49'55		
	-4129 Sep 23 j 19:28	30°℞♌		
inferior conj	-4129 Sep 24 j 04:27	29°♌29'09	0°-21'-59	
minimum elong	-4129 Sep 24 j 04:58	29°♌27'24	0°21'42	
min. Earth dist.	-4129 Sep 23 j 20:00	29°♌58'09	0.67395 AU	
asc. node	-4129 Sep 25 j 06:13	28°♌01'34		
morning rise	-4129 Sep 29 j 13:53	23°♌16'06		
direct	-4129 Oct 03 j 15:47	21°♌43'00		
morning max el	-4129 Oct 12 j 06:53	26°♌48'47	21°17'37	
	-4129 Oct 15 j 04:10	0°♍		
greatest brilliancy	-4129 Oct 17 j 15:48	3°♍03'11	-0.4m	
	-4129 Nov 05 j 10:38	0°♎		
desc. node	-4129 Nov 06 j 20:03	2°♎07'51		
morning set	-4129 Nov 11 j 20:27	9°♎55'23		
max. Earth dist.	-4129 Nov 19 j 16:31	22°♎29'22	1.42329 AU	
	-4129 Nov 24 j 05:02	0°♏		
superior conj	-4129 Nov 26 j 21:24	4°♏33'23	-1°-44'-55	
minimum elong	-4129 Nov 26 j 17:05	4°♏14'55	1°44'45	
evening rise	-4129 Dec 08 j 05:42	24°♏37'47		
	-4129 Dec 11 j 05:05	0°♐		
asc. node	-4129 Dec 22 j 05:07	17°♐53'41		
evening max el	-4129 Dec 24 j 20:54	20°♐56'45	18°08'19	
retrograde	-4129 Dec 31 j 14:45	24°♐25'06		
evening set	-4128 Jan 03 j 05:42	23°♐53'45		
inferior conj	-4128 Jan 09 j 23:09	18°♐52'50	4°02'45	
minimum elong	-4128 Jan 09 j 22:21	18°♐54'47	4°02'32	
min. Earth dist.	-4128 Jan 13 j 00:22	15°♐58'14	0.61361 AU	
morning rise	-4128 Jan 16 j 12:32	13°♐07'38		
direct	-4128 Jan 23 j 11:53	10°♐43'55		
desc. node	-4128 Feb 02 j 19:39	15°♐07'52		
morning max el	-4128 Feb 06 j 13:25	18°♐26'29	27°36'06	
	-4128 Feb 16 j 08:07	0°♑		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4128 Mar 05 j 13:17	0°♒		
morning set	-4128 Mar 10 j 00:09	8°♒51'29		
max. Earth dist.	-4128 Mar 16 j 03:52	21°♒53'59	1.32691 AU	
superior conj	-4128 Mar 17 j 07:20	24°♒23'14	0°-19'-32	
minimum elong	-4128 Mar 17 j 08:12	24°♒28'02	0°19'28	
asc. node	-4128 Mar 19 j 04:30	28°♒29'32		
	-4128 Mar 19 j 21:07	0°♓		
evening rise	-4128 Mar 24 j 07:48	9°♓32'59		
	-4128 Apr 03 j 23:22	0°♈		
evening max el	-4128 Apr 19 j 10:15	20°♈46'48	24°56'14	
desc. node	-4128 Apr 30 j 18:21	27°♈37'04		
retrograde	-4128 May 03 j 10:58	27°♈53'59		
evening set	-4128 May 08 j 11:11	26°♈56'23		
min. Earth dist.	-4128 May 13 j 22:33	24°♈02'19	0.57372 AU	
inferior conj	-4128 May 16 j 22:09	22°♈02'43	-3°-43'-43	
minimum elong	-4128 May 16 j 17:20	22°♈10'50	3°42'50	
morning rise	-4128 May 25 j 03:40	17°♈51'14		
direct	-4128 May 27 j 14:40	17°♈33'40		
morning max el	-4128 Jun 05 j 12:47	21°♈43'32	19°10'17	
	-4128 Jun 12 j 03:54	0°♉		
asc. node	-4128 Jun 15 j 04:09	4°♉56'13		
morning set	-4128 Jun 22 j 09:35	18°♉33'35		
	-4128 Jun 28 j 04:00	0°♊		
superior conj	-4128 Jun 30 j 19:19	5°♊09'15	1°47'31	
minimum elong	-4128 Jun 30 j 18:12	5°♊03'47	1°47'39	
max. Earth dist.	-4128 Jul 07 j 04:49	17°♊10'49	1.38249 AU	
evening rise	-4128 Jul 11 j 03:00	24°♊11'09		
	-4128 Jul 14 j 12:14	0°♋		
desc. node	-4128 Jul 27 j 17:14	20°♋49'55		
	-4128 Aug 03 j 04:38	0°♌		
evening max el	-4128 Aug 15 j 20:10	15°♌11'41	24°47'41	
retrograde	-4128 Aug 27 j 09:13	21°♌56'01		
evening set	-4128 Sep 02 j 00:09	19°♌32'46		
min. Earth dist.	-4128 Sep 06 j 14:45	14°♌16'14	0.67113 AU	
inferior conj	-4128 Sep 07 j 09:47	13°♌12'55	-1°-15'-10	
minimum elong	-4128 Sep 07 j 11:32	13°♌07'06	1°14'20	
asc. node	-4128 Sep 11 j 03:21	8°♌40'45		
morning rise	-4128 Sep 12 j 23:15	7°♌06'43		
direct	-4128 Sep 16 j 13:20	5°♌52'23		
morning max el	-4128 Sep 24 j 06:03	10°♌20'40	20°06'12	
greatest brilliancy	-4128 Oct 01 j 11:17	19°♌14'25	-0.6m	
	-4128 Oct 08 j 21:40	0°♍		
morning set	-4128 Oct 20 j 18:42	18°♍07'32		
desc. node	-4128 Oct 23 j 16:58	22°♍40'35		
	-4128 Oct 28 j 08:59	0°♎		
max. Earth dist.	-4128 Nov 01 j 02:38	5°♎56'05	1.43805 AU	
superior conj	-4128 Nov 06 j 07:50	14°♎21'31	-1°-19'-29	
minimum elong	-4128 Nov 06 j 00:56	13°♎53'24	1°18'51	
	-4128 Nov 15 j 17:04	0°♏		
evening rise	-4128 Nov 19 j 12:20	6°♏30'27		
	-4128 Dec 03 j 21:20	0°♐		
evening max el	-4128 Dec 07 j 09:30	4°♐12'32	18°13'51	
asc. node	-4128 Dec 08 j 02:13	4°♐53'04		
retrograde	-4128 Dec 13 j 22:34	7°♐43'32		
evening set	-4128 Dec 16 j 16:59	7°♐03'57		
inferior conj	-4128 Dec 23 j 00:06	1°♐42'22	3°47'27	
minimum elong	-4128 Dec 22 j 21:37	1°♐49'06	3°46'56	
	-4128 Dec 24 j 13:53	30°℞♏		
min. Earth dist.	-4128 Dec 25 j 11:52	29°♏01'37	0.63202 AU	
morning rise	-4128 Dec 29 j 00:32	25°♏45'21		
direct	-4127 Jan 05 j 01:47	23°♏00'44		
	-4127 Jan 18 j 01:33	0°♐		
morning max el	-4127 Jan 18 j 19:58	0°♐44'36	27°39'36	
desc. node	-4127 Jan 19 j 16:42	1°♐36'44		
	-4127 Feb 09 j 09:10	0°♑		
morning set	-4127 Feb 22 j 00:32	23°♑11'59		
	-4127 Feb 25 j 08:23	0°♒		
max. Earth dist.	-4127 Feb 27 j 10:56	4°♒25'38	1.33183 AU	
superior conj	-4127 Mar 01 j 16:05	9°♒09'33	0°-44'-20	
minimum elong	-4127 Mar 01 j 18:02	9°♒20'00	0°44'06	
asc. node	-4127 Mar 06 j 01:31	18°♒37'43		
evening rise	-4127 Mar 08 j 19:26	24°♒28'30		
	-4127 Mar 11 j 11:38	0°♓		
	-4127 Mar 30 j 13:52	0°♈		
evening max el	-4127 Apr 01 j 02:20	1°♈31'26	23°23'53	
retrograde	-4127 Apr 14 j 14:56	8°♈13'07		
desc. node	-4127 Apr 17 j 15:31	7°♈52'57		
evening set	-4127 Apr 18 j 07:27	7°♈43'20		
min. Earth dist.	-4127 Apr 25 j 13:25	4°♈24'58	0.55907 AU	
inferior conj	-4127 Apr 27 j 10:39	3°♈17'53	-2°-32'-55	
minimum elong	-4127 Apr 27 j 04:56	3°♈26'24	2°31'18	
	-4127 May 03 j 20:57	30°℞♓		
morning rise	-4127 May 06 j 05:39	29°♓19'10		
direct	-4127 May 08 j 17:45	29°♓03'39		
	-4127 May 13 j 08:47	0°♈		
morning max el	-4127 May 19 j 05:27	3°♈56'26	20°14'58	
asc. node	-4127 Jun 02 j 01:11	24°♈09'46		
	-4127 Jun 05 j 00:58	0°♉		
morning set	-4127 Jun 06 j 13:40	3°♉04'47		
superior conj	-4127 Jun 14 j 09:19	19°♉02'42	1°38'37	
minimum elong	-4127 Jun 14 j 07:00	18°♉51'00	1°38'34	
max. Earth dist.	-4127 Jun 19 j 09:57	28°♉57'31	1.36457 AU	
	-4127 Jun 19 j 22:59	0°♊		
evening rise	-4127 Jun 23 j 12:12	6°♊39'24		
	-4127 Jul 07 j 07:27	0°♋		
desc. node	-4127 Jul 14 j 14:17	10°♋46'58		
evening max el	-4127 Jul 29 j 07:03	28°♋43'11	25°58'24	
	-4127 Jul 30 j 15:31	0°♌		
retrograde	-4127 Aug 10 j 17:31	5°♌50'11		
evening set	-4127 Aug 16 j 23:17	3°♌11'40		
	-4127 Aug 20 j 00:59	30°℞♋		
min. Earth dist.	-4127 Aug 21 j 05:21	28°♋33'06	0.66502 AU	
inferior conj	-4127 Aug 22 j 12:02	26°♋56'09	-2°-6'-25	
minimum elong	-4127 Aug 22 j 14:52	26°♋47'09	2°05'14	
morning rise	-4127 Aug 28 j 07:09	21°♋00'14		
asc. node	-4127 Aug 29 j 00:28	20°♋36'42		
direct	-4127 Aug 31 j 11:38	20°♋01'37		
morning max el	-4127 Sep 07 j 12:10	24°♋00'38	19°08'47	
	-4127 Sep 12 j 10:56	0°♌		
morning set	-4127 Sep 30 j 03:18	26°♌55'47		
	-4127 Oct 02 j 02:10	0°♍		
desc. node	-4127 Oct 10 j 13:54	13°♍20'34		
max. Earth dist.	-4127 Oct 14 j 18:42	19°♍57'41	1.44658 AU	
superior conj	-4127 Oct 16 j 17:09	23°♍01'17	0°-38'-13	
minimum elong	-4127 Oct 16 j 12:22	22°♍42'24	0°37'36	
	-4127 Oct 21 j 02:30	0°♎		
evening rise	-4127 Oct 31 j 20:59	17°♎24'57		
	-4127 Nov 08 j 13:37	0°♏		
evening max el	-4127 Nov 20 j 21:47	17°♏36'03	18°37'42	
asc. node	-4127 Nov 24 j 23:19	20°♏42'43		
retrograde	-4127 Nov 27 j 14:04	21°♏19'55		
evening set	-4127 Nov 30 j 13:21	20°♏30'26		
inferior conj	-4127 Dec 06 j 12:21	14°♏50'33	3°17'40	
minimum elong	-4127 Dec 06 j 09:12	14°♏59'54	3°16'49	
min. Earth dist.	-4127 Dec 08 j 09:16	12°♏37'21	0.64731 AU	
morning rise	-4127 Dec 12 j 03:53	8°♏44'30		
direct	-4127 Dec 18 j 22:24	5°♏54'25		
morning max el	-4126 Jan 01 j 05:18	13°♏32'51	27°09'08	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4126 Jan 06 j 13:43	19°♏25'59	
	-4126 Jan 14 j 14:44	0°♐	
	-4126 Feb 01 j 23:04	0°♑	
morning set	-4126 Feb 05 j 15:49	7°♑00'33	
max. Earth dist.	-4126 Feb 10 j 09:13	16°♑25'50	1.34092 AU
superior conj	-4126 Feb 13 j 20:34	23°♑38'17	-1°-7'-48
minimum elong	-4126 Feb 13 j 23:20	23°♑52'53	1°07'31
	-4126 Feb 16 j 20:45	0°♒	
asc. node	-4126 Feb 20 j 22:32	8°♒36'32	
evening rise	-4126 Feb 21 j 05:59	9°♒15'23	
	-4126 Mar 04 j 07:09	0°♓	
evening max el	-4126 Mar 13 j 22:02	12°♓20'24	21°50'59
retrograde	-4126 Mar 26 j 07:32	18°♓19'48	
evening set	-4126 Mar 29 j 00:59	18°♓03'13	
desc. node	-4126 Apr 04 j 12:39	15°♓33'04	
inferior conj	-4126 Apr 07 j 08:44	13°♓59'25	0°-46'-59
minimum elong	-4126 Apr 07 j 06:34	14°♓02'29	0°46'19
min. Earth dist.	-4126 Apr 07 j 03:16	14°♓07'06	0.55204 AU
morning rise	-4126 Apr 16 j 13:02	9°♓59'38	
direct	-4126 Apr 19 j 07:45	9°♓42'26	
morning max el	-4126 May 01 j 11:10	15°♓27'22	21°38'17
	-4126 May 12 j 12:25	0°♈	
asc. node	-4126 May 19 j 22:12	13°♈46'57	
morning set	-4126 May 21 j 22:23	17°♈53'00	
	-4126 May 27 j 17:08	0°♉	
superior conj	-4126 May 29 j 08:33	3°♉26'06	1°23'58
minimum elong	-4126 May 29 j 05:51	3°♉12'03	1°23'42
max. Earth dist.	-4126 Jun 01 j 23:39	10°♉53'28	1.34965 AU
evening rise	-4126 Jun 06 j 14:55	20°♉01'41	
	-4126 Jun 12 j 00:12	0°♊	
desc. node	-4126 Jul 01 j 11:21	0°♋15'18	
	-4126 Jul 01 j 06:43	0°♋	
evening max el	-4126 Jul 11 j 18:20	12°♋10'37	26°52'09
retrograde	-4126 Jul 24 j 20:42	19°♋30'18	
evening set	-4126 Jul 31 j 15:08	16°♋43'32	
min. Earth dist.	-4126 Aug 04 j 13:23	12°♋43'56	0.65530 AU
inferior conj	-4126 Aug 06 j 09:08	10°♋35'20	-2°-53'-46
minimum elong	-4126 Aug 06 j 12:43	10°♋24'45	2°52'30
morning rise	-4126 Aug 12 j 11:27	4°♋53'04	
direct	-4126 Aug 15 j 08:37	4°♋07'00	
asc. node	-4126 Aug 15 j 21:34	4°♋08'36	
morning max el	-4126 Aug 21 j 23:38	7°♋45'36	18°27'16
	-4126 Sep 06 j 06:31	0°♌	
morning set	-4126 Sep 10 j 13:02	6°♌58'12	
	-4126 Sep 24 j 21:04	0°♍	
superior conj	-4126 Sep 25 j 16:31	1°♍16'55	0°11'11
minimum elong	-4126 Sep 25 j 17:58	1°♍22'40	0°11'06
behind sun begin	-4126 Sep 25 j 09:37	0°♍49'38	
behind sun end	-4126 Sep 26 j 02:19	1°♍55'40	
desc. node	-4126 Sep 27 j 10:50	4°♍03'59	
max. Earth dist.	-4126 Sep 27 j 13:00	4°♍12'34	1.44792 AU
evening rise	-4126 Oct 12 j 04:36	27°♍14'49	
	-4126 Oct 13 j 22:36	0°♎	
greatest brilliancy	-4126 Oct 25 j 04:04	17°♎28'46	-0.7m
	-4126 Nov 03 j 08:12	0°♏	
evening max el	-4126 Nov 04 j 07:08	1°♏01'48	19°18'40
retrograde	-4126 Nov 11 j 09:47	5°♏07'36	
asc. node	-4126 Nov 11 j 20:27	5°♏06'28	
evening set	-4126 Nov 14 j 15:50	4°♏05'59	
	-4126 Nov 18 j 21:53	30°℞♎	
inferior conj	-4126 Nov 20 j 08:39	28°♎10'58	2°38'07
minimum elong	-4126 Nov 20 j 05:38	28°♎20'38	2°37'05
min. Earth dist.	-4126 Nov 21 j 15:42	26°♎31'53	0.65901 AU
morning rise	-4126 Nov 25 j 18:36	21°♎58'19	
direct	-4126 Dec 02 j 01:00	19°♎15'21	
morning max el	-4126 Dec 14 j 14:58	26°♎38'21	26°11'09
	-4126 Dec 17 j 18:42	0°♏	
desc. node	-4126 Dec 24 j 10:43	8°♏11'18	
	-4125 Jan 08 j 05:08	0°♐	
morning set	-4125 Jan 19 j 17:57	20°♐04'32	
max. Earth dist.	-4125 Jan 23 j 20:04	27°♐51'51	1.35440 AU
	-4125 Jan 24 j 22:14	0°♑	
superior conj	-4125 Jan 28 j 18:19	7°♑41'34	-1°-28'-32
minimum elong	-4125 Jan 28 j 21:26	7°♑57'31	1°28'22
evening rise	-4125 Feb 05 j 13:31	23°♑47'00	
asc. node	-4125 Feb 07 j 19:33	28°♑20'50	
	-4125 Feb 08 j 15:31	0°♒	
evening max el	-4125 Feb 24 j 02:30	23°♒36'20	20°28'59
retrograde	-4125 Mar 06 j 21:47	28°♒44'29	
evening set	-4125 Mar 09 j 05:49	28°♒31'04	
inferior conj	-4125 Mar 18 j 05:00	24°♒32'53	1°08'47
minimum elong	-4125 Mar 18 j 07:59	24°♒28'31	1°07'41
min. Earth dist.	-4125 Mar 19 j 17:20	23°♒39'42	0.55422 AU
desc. node	-4125 Mar 22 j 09:46	22°♒10'36	
morning rise	-4125 Mar 27 j 08:08	20°♒13'42	
direct	-4125 Mar 30 j 20:43	19°♒46'40	
morning max el	-4125 Apr 13 j 07:25	26°♒21'43	23°14'32
	-4125 Apr 16 j 18:22	0°♓	
	-4125 May 05 j 00:35	0°♈	
morning set	-4125 May 06 j 09:46	2°♈51'54	
asc. node	-4125 May 06 j 19:11	3°♈41'13	
superior conj	-4125 May 13 j 14:02	18°♈10'14	1°05'10
minimum elong	-4125 May 13 j 11:34	17°♈57'05	1°04'48
max. Earth dist.	-4125 May 15 j 23:06	23°♈12'41	1.33835 AU
	-4125 May 19 j 05:47	0°♉	
evening rise	-4125 May 21 j 06:20	4°♉04'00	
	-4125 Jun 04 j 18:13	0°♊	
desc. node	-4125 Jun 18 j 08:26	19°♊02'56	
evening max el	-4125 Jun 24 j 05:14	25°♊24'16	27°21'37
	-4125 Jun 29 j 20:01	0°♋	
retrograde	-4125 Jul 07 j 18:33	2°♋48'48	
evening set	-4125 Jul 14 j 20:50	0°♋04'47	
	-4125 Jul 14 j 23:19	30°℞♊	
min. Earth dist.	-4125 Jul 18 j 12:55	26°♊41'22	0.64172 AU
inferior conj	-4125 Jul 20 j 22:42	24°♊06'39	-3°-34'-28
minimum elong	-4125 Jul 21 j 02:25	23°♊56'42	3°33'28
morning rise	-4125 Jul 27 j 09:42	18°♊41'07	
direct	-4125 Jul 30 j 01:47	18°♊04'38	
asc. node	-4125 Aug 02 j 18:39	19°♊14'17	
morning max el	-4125 Aug 05 j 14:05	21°♊31'39	18°02'54
	-4125 Aug 12 j 01:46	0°♋	
morning set	-4125 Aug 23 j 01:38	18°♋17'44	
	-4125 Aug 29 j 23:42	0°♌	
superior conj	-4125 Sep 05 j 04:56	10°♌14'39	0°55'53
minimum elong	-4125 Sep 05 j 10:29	10°♌37'10	0°55'22
max. Earth dist.	-4125 Sep 10 j 05:56	18°♌21'16	1.44207 AU
desc. node	-4125 Sep 14 j 07:46	24°♌48'19	
	-4125 Sep 17 j 15:24	0°♍	
evening rise	-4125 Sep 21 j 15:02	6°♍11'03	
	-4125 Oct 07 j 08:52	0°♎	
greatest brilliancy	-4125 Oct 11 j 17:47	6°♎11'27	-0.6m
evening max el	-4125 Oct 18 j 11:37	14°♎27'54	20°15'00
retrograde	-4125 Oct 26 j 07:01	19°♎03'13	
evening set	-4125 Oct 29 j 22:02	17°♎46'56	
asc. node	-4125 Oct 29 j 17:33	17°♎54'37	
inferior conj	-4125 Nov 04 j 10:26	11°♎40'18	1°51'58
minimum elong	-4125 Nov 04 j 08:04	11°♎48'16	1°51'04
min. Earth dist.	-4125 Nov 05 j 05:13	10°♎37'22	0.66723 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4125 Nov 09 j 17:32	5°♎23'41		
direct	-4125 Nov 15 j 09:14	2°♎56'27		
morning max el	-4125 Nov 26 j 23:48	9°♎50'53	24°54'26	
desc. node	-4125 Dec 11 j 07:41	27°♎36'22		
	-4125 Dec 13 j 00:04	0°♏		
	-4125 Dec 31 j 20:23	0°♐		
morning set	-4124 Jan 02 j 01:38	2°♐08'49		
max. Earth dist.	-4124 Jan 05 j 20:08	8°♐57'56	1.37199 AU	
superior conj	-4124 Jan 12 j 06:17	21°♐10'44	-1°-44'-41	
minimum elong	-4124 Jan 12 j 08:56	21°♐23'44	1°44'42	
	-4124 Jan 16 j 16:57	0°♑		
evening rise	-4124 Jan 20 j 15:57	7°♑57'02		
asc. node	-4124 Jan 25 j 16:35	17°♑44'51		
	-4124 Feb 02 j 01:56	0°♒		
evening max el	-4124 Feb 06 j 17:41	5°♒28'41	19°24'12	
retrograde	-4124 Feb 15 j 21:35	9°♒50'02		
evening set	-4124 Feb 18 j 05:39	9°♒34'19		
inferior conj	-4124 Feb 26 j 13:09	5°♒26'40	2°42'54	
minimum elong	-4124 Feb 26 j 18:11	5°♒18'21	2°41'28	
min. Earth dist.	-4124 Feb 29 j 08:15	3°♒36'43	0.56515 AU	
morning rise	-4124 Mar 06 j 03:01	0°♒37'47		
desc. node	-4124 Mar 08 j 06:54	0°♒02'04		
	-4124 Mar 08 j 11:16	30°℞♑		
direct	-4124 Mar 10 j 20:06	29°♑46'58		
	-4124 Mar 13 j 04:52	0°♒		
morning max el	-4124 Mar 24 j 22:38	6°♒57'36	24°52'46	
	-4124 Apr 10 j 16:51	0°♓		
morning set	-4124 Apr 19 j 22:01	17°♓54'34		
asc. node	-4124 Apr 22 j 16:09	23°♓46'35		
	-4124 Apr 25 j 13:05	0°♈		
superior conj	-4124 Apr 26 j 23:24	3°♈06'28	0°43'26	
minimum elong	-4124 Apr 26 j 21:36	2°♈56'41	0°43'05	
max. Earth dist.	-4124 Apr 28 j 06:33	5°♈55'05	1.33075 AU	
evening rise	-4124 May 04 j 06:35	18°♈33'40		
	-4124 May 10 j 03:01	0°♉		
	-4124 May 29 j 05:33	0°♊		
desc. node	-4124 Jun 04 j 05:33	6°♊51'41		
evening max el	-4124 Jun 05 j 13:47	8°♊11'20	27°21'02	
retrograde	-4124 Jun 19 j 10:16	15°♊35'20		
evening set	-4124 Jun 26 j 12:42	13°♊08'08		
min. Earth dist.	-4124 Jun 30 j 02:50	10°♊12'27	0.62452 AU	
inferior conj	-4124 Jul 03 j 01:48	7°♊22'53	-4°-4'-36	
minimum elong	-4124 Jul 03 j 04:35	7°♊16'13	4°04'06	
morning rise	-4124 Jul 09 j 22:53	2°♊16'46		
direct	-4124 Jul 12 j 11:57	1°♊47'24		
morning max el	-4124 Jul 19 j 04:45	5°♊11'46	17°56'40	
asc. node	-4124 Jul 19 j 15:41	5°♊39'21		
	-4124 Aug 04 j 03:19	0°♋		
morning set	-4124 Aug 04 j 12:25	0°♋40'44		
superior conj	-4124 Aug 15 j 19:36	20°♋30'27	1°27'26	
minimum elong	-4124 Aug 16 j 00:44	20°♋52'15	1°27'09	
	-4124 Aug 21 j 11:55	0°♌		
max. Earth dist.	-4124 Aug 22 j 18:42	2°♌05'49	1.42988 AU	
evening rise	-4124 Aug 30 j 19:18	14°♌53'24		
desc. node	-4124 Aug 31 j 04:44	15°♌30'12		
	-4124 Sep 09 j 16:46	0°♍		
greatest brilliancy	-4124 Sep 25 j 06:23	21°♍55'55	-0.4m	
evening max el	-4124 Sep 30 j 10:04	27°♍53'29	21°24'05	
	-4124 Oct 02 j 15:55	0°♎		
retrograde	-4124 Oct 09 j 03:40	3°♎04'17		
evening set	-4124 Oct 13 j 05:56	1°♎30'40		
	-4124 Oct 14 j 21:31	30°℞♍		
asc. node	-4124 Oct 15 j 14:39	29°♍12'36		
inferior conj	-4124 Oct 18 j 15:32	25°♍15'58	1°01'36	
minimum elong	-4124 Oct 18 j 14:09	25°♍20'44	1°01'02	
min. Earth dist.	-4124 Oct 18 j 23:20	24°♍49'10	0.67224 AU	
morning rise	-4124 Oct 23 j 22:02	18°♍58'24		
direct	-4124 Oct 28 j 22:26	16°♍51'28		
morning max el	-4124 Nov 08 j 08:57	23°♍05'43	23°28'53	
	-4124 Nov 14 j 10:24	0°♎		
greatest brilliancy	-4124 Nov 14 j 13:48	0°♎10'36	-0.2m	
desc. node	-4124 Nov 27 j 04:38	17°♎29'41		
	-4124 Dec 05 j 09:42	0°♏		
morning set	-4124 Dec 13 j 08:40	12°♏57'10		
max. Earth dist.	-4124 Dec 17 j 15:35	20°♏18'18	1.39230 AU	
	-4124 Dec 23 j 01:35	0°♐		
superior conj	-4124 Dec 25 j 04:25	3°♐54'57	-1°-53'-39	
minimum elong	-4124 Dec 25 j 05:23	3°♐59'25	1°53'49	
evening rise	-4123 Jan 03 j 10:42	21°♐38'54		
	-4123 Jan 07 j 19:47	0°♑		
asc. node	-4123 Jan 11 j 13:37	6°♑41'37		
evening max el	-4123 Jan 19 j 18:21	17°♑54'40	18°39'01	
retrograde	-4123 Jan 27 j 14:53	21°♑43'24		
evening set	-4123 Jan 30 j 01:46	21°♑22'28		
inferior conj	-4123 Feb 06 j 16:42	16°♑56'02	3°40'03	
minimum elong	-4123 Feb 06 j 20:10	16°♑49'24	3°39'22	
min. Earth dist.	-4123 Feb 10 j 01:11	14°♑23'26	0.58230 AU	
morning rise	-4123 Feb 14 j 10:55	11°♑40'09		
direct	-4123 Feb 20 j 08:45	10°♑13'10		
desc. node	-4123 Feb 23 j 04:00	10°♑32'33		
morning max el	-4123 Mar 06 j 14:52	17°♑42'22	26°18'22	
	-4123 Mar 16 j 19:48	0°♒		
	-4123 Apr 02 j 23:43	0°♓		
morning set	-4123 Apr 04 j 09:29	2°♓55'04		
asc. node	-4123 Apr 09 j 13:08	13°♓58'36		
superior conj	-4123 Apr 11 j 10:48	18°♓08'13	0°19'45	
minimum elong	-4123 Apr 11 j 09:56	18°♓03'30	0°19'31	
max. Earth dist.	-4123 Apr 11 j 18:55	18°♓52'33	1.32666 AU	
	-4123 Apr 16 j 22:29	0°♈		
evening rise	-4123 Apr 18 j 12:50	3°♈21'03		
	-4123 May 02 j 23:50	0°♉		
evening max el	-4123 May 18 j 17:40	20°♉21'08	26°47'33	
desc. node	-4123 May 22 j 02:40	23°♉16'42		
retrograde	-4123 Jun 01 j 18:26	27°♉41'21		
evening set	-4123 Jun 08 j 10:31	25°♉44'35		
min. Earth dist.	-4123 Jun 12 j 07:11	23°♉02'35	0.60480 AU	
inferior conj	-4123 Jun 15 j 14:59	20°♉15'43	-4°-18'-5	
minimum elong	-4123 Jun 15 j 15:27	20°♉14'45	4°17'58	
morning rise	-4123 Jun 22 j 23:35	15°♉31'05		
direct	-4123 Jun 25 j 11:21	15°♉07'02		
morning max el	-4123 Jul 02 j 16:50	18°♉38'43	18°09'28	
asc. node	-4123 Jul 06 j 12:44	23°♉08'09		
	-4123 Jul 10 j 23:39	0°♊		
morning set	-4123 Jul 18 j 15:54	13°♊52'59		
	-4123 Jul 27 j 09:00	0°♋		
superior conj	-4123 Jul 28 j 12:59	2°♋05'51	1°44'28	
minimum elong	-4123 Jul 28 j 15:31	2°♋17'13	1°44'33	
max. Earth dist.	-4123 Aug 05 j 02:11	15°♋13'55	1.41298 AU	
evening rise	-4123 Aug 10 j 13:26	24°♋16'02		
	-4123 Aug 14 j 03:35	0°♌		
desc. node	-4123 Aug 18 j 01:44	6°♌06'04		
	-4123 Sep 03 j 15:29	0°♍		
greatest brilliancy	-4123 Sep 08 j 06:47	5°♍54'37	-0.3m	
evening max el	-4123 Sep 13 j 02:40	11°♍19'10	22°41'49	
retrograde	-4123 Sep 22 j 22:06	17°♍08'15		
evening set	-4123 Sep 27 j 13:42	15°♍15'17		
asc. node	-4123 Oct 02 j 11:47	9°♍31'26		
inferior conj	-4123 Oct 02 j 22:04	8°♍55'56	0°08'49	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4123 Oct 02 j 21:52	8°♍56'40	0°08'47
transit middle	-4123 Oct 02 j 21:52	8°♍56'40	0°08'47
transit begin	-4123 Oct 02 j 19:35	9°♍04'31	
transit end	-4123 Oct 03 j 00:08	8°♍48'48	
min. Earth dist.	-4123 Oct 02 j 19:32	9°♍04'43	0.67423 AU
morning rise	-4123 Oct 08 j 05:56	2°♍40'29	
direct	-4123 Oct 12 j 15:42	0°♍55'16	
morning max el	-4123 Oct 21 j 21:36	6°♍24'48	22°03'36
greatest brilliancy	-4123 Oct 26 j 16:56	11°♍52'23	-0.4m
	-4123 Nov 08 j 21:30	0°♎	
desc. node	-4123 Nov 14 j 01:34	7°♎42'47	
morning set	-4123 Nov 23 j 10:58	22°♎21'14	
	-4123 Nov 28 j 03:37	0°♏	
max. Earth dist.	-4123 Nov 29 j 14:43	2°♏25'57	1.41273 AU
superior conj	-4123 Dec 07 j 07:28	15°♏40'02	-1°-52'-6
minimum elong	-4123 Dec 07 j 05:18	15°♏30'31	1°52'09
	-4123 Dec 15 j 05:13	0°♐	
evening rise	-4123 Dec 17 j 18:38	4°♐44'44	
asc. node	-4123 Dec 29 j 10:42	25°♐01'40	
	-4122 Jan 02 j 08:08	0°♑	
evening max el	-4122 Jan 03 j 01:50	0°♑45'25	18°13'49
retrograde	-4122 Jan 10 j 02:17	4°♑17'15	
evening set	-4122 Jan 12 j 15:49	3°♑49'52	
	-4122 Jan 18 j 13:27	30°℞♐	
inferior conj	-4122 Jan 19 j 16:17	29°♐01'14	4°02'22
minimum elong	-4122 Jan 19 j 16:55	28°♐59'51	4°02'10
min. Earth dist.	-4122 Jan 22 j 22:52	26°♐08'10	0.60219 AU
morning rise	-4122 Jan 26 j 15:09	23°♐25'08	
direct	-4122 Feb 02 j 08:33	21°♐20'08	
desc. node	-4122 Feb 10 j 01:05	23°♐47'25	
morning max el	-4122 Feb 16 j 12:34	28°♐58'28	27°17'39
	-4122 Feb 17 j 13:11	0°♑	
	-4122 Mar 10 j 13:44	0°♒	
morning set	-4122 Mar 19 j 18:21	17°♒46'04	
	-4122 Mar 25 j 11:57	0°♓	
superior conj	-4122 Mar 26 j 22:29	3°♓08'29	0°-5'-5
minimum elong	-4122 Mar 26 j 22:43	3°♓09'45	0°05'07
behind sun begin	-4122 Mar 26 j 17:56	2°♓43'39	
behind sun end	-4122 Mar 27 j 03:29	3°♓35'52	
max. Earth dist.	-4122 Mar 26 j 08:24	1°♓51'31	1.32587 AU
asc. node	-4122 Mar 27 j 10:09	4°♓12'21	
evening rise	-4122 Apr 02 j 22:40	18°♓17'02	
	-4122 Apr 08 j 18:38	0°♈	
	-4122 Apr 28 j 20:01	0°♉	
evening max el	-4122 Apr 30 j 15:14	1°♉48'32	25°43'34
desc. node	-4122 May 08 j 23:48	7°♉45'06	
retrograde	-4122 May 14 j 17:12	9°♉02'16	
evening set	-4122 May 20 j 11:04	7°♉43'22	
min. Earth dist.	-4122 May 25 j 03:39	4°♉58'22	0.58453 AU
inferior conj	-4122 May 28 j 10:37	2°♉35'37	-4°-6'-11
minimum elong	-4122 May 28 j 07:39	2°♉41'02	4°05'47
	-4122 Jun 01 j 06:42	30°℞♈	
morning rise	-4122 Jun 05 j 08:11	28°♈12'57	
direct	-4122 Jun 07 j 19:32	27°♈53'10	
	-4122 Jun 13 j 20:42	0°♉	
morning max el	-4122 Jun 15 j 23:31	1°♉44'31	18°42'15
asc. node	-4122 Jun 23 j 09:47	11°♉26'46	
morning set	-4122 Jul 02 j 07:37	27°♉43'11	
	-4122 Jul 03 j 11:45	0°♊	
superior conj	-4122 Jul 11 j 04:02	14°♊47'38	1°49'14
minimum elong	-4122 Jul 11 j 04:01	14°♊47'31	1°49'24
max. Earth dist.	-4122 Jul 18 j 05:11	27°♊40'07	1.39366 AU
	-4122 Jul 19 j 13:03	0°♋	
evening rise	-4122 Jul 22 j 08:42	4°♋51'10	
desc. node	-4122 Aug 04 j 22:45	26°♋31'44	
	-4122 Aug 07 j 06:59	0°♌	
evening max el	-4122 Aug 26 j 15:02	24°♌46'39	24°02'34
	-4122 Sep 02 j 05:51	0°♍	
retrograde	-4122 Sep 06 j 13:17	1°♍12'34	
	-4122 Sep 10 j 11:19	30°℞♌	
evening set	-4122 Sep 11 j 19:39	28°♌59'42	
min. Earth dist.	-4122 Sep 16 j 15:25	23°♌22'52	0.67318 AU
inferior conj	-4122 Sep 17 j 04:20	22°♌39'05	0°-44'-40
minimum elong	-4122 Sep 17 j 05:22	22°♌35'33	0°44'08
asc. node	-4122 Sep 19 j 08:54	19°♌46'34	
morning rise	-4122 Sep 22 j 15:18	16°♌28'50	
direct	-4122 Sep 26 j 11:58	15°♌04'04	
morning max el	-4122 Oct 04 j 16:42	19°♌52'30	20°45'46
greatest brilliancy	-4122 Oct 10 j 16:50	27°♌00'19	-0.5m
	-4122 Oct 12 j 22:19	0°♍	
desc. node	-4122 Oct 31 j 22:32	28°♍10'09	
	-4122 Nov 02 j 02:53	0°♎	
morning set	-4122 Nov 02 j 14:17	0°♎44'18	
max. Earth dist.	-4122 Nov 11 j 21:19	15°♎28'34	1.43027 AU
superior conj	-4122 Nov 18 j 09:48	26°♎12'59	-1°-36'-12
minimum elong	-4122 Nov 18 j 04:02	25°♎48'51	1°35'51
	-4122 Nov 20 j 15:38	0°♏	
evening rise	-4122 Nov 30 j 11:52	17°♏07'17	
	-4122 Dec 07 j 20:17	0°♐	
asc. node	-4122 Dec 16 j 07:47	12°♐34'15	
evening max el	-4122 Dec 17 j 13:18	13°♐53'44	18°08'17
retrograde	-4122 Dec 24 j 04:05	17°♐22'04	
evening set	-4122 Dec 26 j 20:22	16°♐47'21	
inferior conj	-4121 Jan 02 j 09:05	11°♐37'03	3°58'23
minimum elong	-4121 Jan 02 j 07:26	11°♐41'15	3°58'04
min. Earth dist.	-4121 Jan 05 j 04:48	8°♐46'27	0.62175 AU
morning rise	-4121 Jan 08 j 16:25	5°♐46'16	
direct	-4121 Jan 15 j 17:38	3°♐12'09	
desc. node	-4121 Jan 27 j 22:10	9°♐15'58	
morning max el	-4121 Jan 29 j 16:37	10°♐55'38	27°42'06
	-4121 Feb 13 j 17:23	0°♑	
	-4121 Mar 02 j 18:46	0°♒	
morning set	-4121 Mar 03 j 22:34	2°♒20'13	
max. Earth dist.	-4121 Mar 09 j 19:01	14°♒37'17	1.32855 AU
superior conj	-4121 Mar 11 j 08:48	18°♒01'27	0°-30'-8
minimum elong	-4121 Mar 11 j 10:09	18°♒08'45	0°30'00
asc. node	-4121 Mar 14 j 07:09	24°♒23'36	
	-4121 Mar 16 j 21:32	0°♓	
evening rise	-4121 Mar 18 j 10:09	3°♓14'23	
	-4121 Apr 02 j 01:10	0°♈	
evening max el	-4121 Apr 12 j 07:44	12°♈41'38	24°17'47
desc. node	-4121 Apr 25 j 20:56	19°♈40'14	
retrograde	-4121 Apr 26 j 04:42	19°♈40'29	
evening set	-4121 Apr 30 j 15:24	18°♈56'11	
min. Earth dist.	-4121 May 06 j 19:31	15°♈53'19	0.56672 AU
inferior conj	-4121 May 09 j 10:13	14°♈14'25	-3°-18'-42
minimum elong	-4121 May 09 j 04:31	14°♈23'28	3°17'24
morning rise	-4121 May 17 j 21:42	10°♈10'05	
direct	-4121 May 20 j 08:53	9°♈53'41	
morning max el	-4121 May 29 j 22:03	14°♈19'38	19°35'27
asc. node	-4121 Jun 10 j 06:49	0°♉23'07	
	-4121 Jun 10 j 01:42	0°♉	
morning set	-4121 Jun 16 j 07:58	12°♉01'39	
superior conj	-4121 Jun 24 j 11:03	28°♉19'16	1°44'35
minimum elong	-4121 Jun 24 j 09:19	28°♉10'41	1°44'38
	-4121 Jun 25 j 07:34	0°♊	
max. Earth dist.	-4121 Jun 30 j 07:25	9°♊32'50	1.37453 AU
evening rise	-4121 Jul 04 j 05:19	16°♊41'22	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4121 Jul	12 j 00:00	0°♋	
desc. node	-4121 Jul	22 j 19:47	16°♋41'23	
	-4121 Aug	01 j 16:47	0°♌	
evening max el	-4121 Aug	09 j 01:36	8°♌16'19	25°19'14
retrograde	-4121 Aug	21 j 00:23	15°♌12'03	
evening set	-4121 Aug	26 j 21:51	12°♌41'22	
min. Earth dist.	-4121 Aug	31 j 08:37	7°♌40'55	0.66896 AU
inferior conj	-4121 Sep	01 j 08:33	6°♌22'48	-1°-37'-17
minimum elong	-4121 Sep	01 j 10:48	6°♌15'30	1°36'16
asc. node	-4121 Sep	06 j 06:01	0°♌53'59	
morning rise	-4121 Sep	07 j 00:16	0°♌20'50	
	-4121 Sep	07 j 14:05	30°℞♋	
direct	-4121 Sep	10 j 09:54	29°♋13'47	
	-4121 Sep	13 j 08:50	0°♌	
morning max el	-4121 Sep	17 j 19:03	3°♌28'35	19°39'56
greatest brilliancy	-4121 Sep	26 j 06:03	14°♌14'46	-0.6m
	-4121 Oct	06 j 17:29	0°♍	
morning set	-4121 Oct	12 j 14:09	9°♍04'17	
desc. node	-4121 Oct	18 j 19:28	18°♍46'30	
max. Earth dist.	-4121 Oct	25 j 10:09	29°♍11'47	1.44251 AU
	-4121 Oct	25 j 22:18	0°♎	
superior conj	-4121 Oct	29 j 08:30	5°♎28'26	-1°-3'-38
minimum elong	-4121 Oct	29 j 01:47	5°♎01'27	1°02'54
evening rise	-4121 Nov	12 j 09:40	28°♎36'14	
	-4121 Nov	13 j 05:34	0°♏	
evening max el	-4121 Dec	01 j 01:59	27°♏12'52	18°21'48
asc. node	-4121 Dec	03 j 04:52	29°♏05'42	
	-4121 Dec	04 j 15:01	0°♐	
retrograde	-4121 Dec	07 j 15:41	0°♐48'36	
evening set	-4121 Dec	10 j 11:51	0°♐05'11	
	-4121 Dec	10 j 15:52	30°℞♏	
inferior conj	-4121 Dec	16 j 15:16	24°♏35'26	3°36'16
minimum elong	-4121 Dec	16 j 12:23	24°♏43'35	3°35'35
min. Earth dist.	-4121 Dec	18 j 20:43	22°♏04'58	0.63890 AU
morning rise	-4121 Dec	22 j 11:25	18°♏33'57	
direct	-4121 Dec	29 j 10:30	15°♏45'09	
morning max el	-4120 Jan	12 j 00:52	23°♏28'40	27°30'32
desc. node	-4120 Jan	14 j 19:13	26°♏22'29	
	-4120 Jan	17 j 22:09	0°♐	
	-4120 Feb	06 j 23:30	0°♑	
morning set	-4120 Feb	15 j 19:31	16°♑28'56	
max. Earth dist.	-4120 Feb	20 j 22:46	26°♑56'45	1.33508 AU
	-4120 Feb	22 j 09:37	0°♒	
superior conj	-4120 Feb	23 j 15:59	2°♒41'16	0°-54'-31
minimum elong	-4120 Feb	23 j 18:20	2°♒53'44	0°54'16
asc. node	-4120 Feb	29 j 04:09	14°♒28'25	
evening rise	-4120 Mar	01 j 21:32	18°♒07'01	
	-4120 Mar	07 j 19:46	0°♓	
evening max el	-4120 Mar	24 j 00:29	23°♓24'53	22°43'43
retrograde	-4120 Apr	06 j 03:53	29°♓51'18	
evening set	-4120 Apr	09 j 08:42	29°♓28'51	
desc. node	-4120 Apr	11 j 18:04	28°♓45'00	
min. Earth dist.	-4120 Apr	17 j 10:01	25°♓56'12	0.55490 AU
inferior conj	-4120 Apr	18 j 15:31	25°♓13'47	-1°-51'-16
minimum elong	-4120 Apr	18 j 10:47	25°♓20'35	1°49'49
morning rise	-4120 Apr	27 j 15:21	21°♓16'48	
direct	-4120 Apr	30 j 04:54	21°♓01'24	
morning max el	-4120 May	11 j 10:16	26°♓16'09	20°48'25
	-4120 May	14 j 22:02	0°♈	
asc. node	-4120 May	27 j 03:51	19°♈48'01	
morning set	-4120 May	30 j 14:18	26°♈41'21	
	-4120 Jun	01 j 04:54	0°♉	
superior conj	-4120 Jun	07 j 05:27	12°♉27'37	1°33'01
minimum elong	-4120 Jun	07 j 02:53	12°♉14'29	1°32'52
max. Earth dist.	-4120 Jun	11 j 15:24	21°♉19'42	1.35775 AU
evening rise	-4120 Jun	15 j 22:40	29°♉35'17	
	-4120 Jun	16 j 03:57	0°♊	
	-4120 Jul	04 j 03:52	0°♋	
desc. node	-4120 Jul	08 j 16:49	6°♋27'55	
evening max el	-4120 Jul	21 j 12:33	21°♋47'11	26°23'43
retrograde	-4120 Aug	03 j 06:46	29°♋01'33	
evening set	-4120 Aug	09 j 18:13	26°♋18'22	
min. Earth dist.	-4120 Aug	13 j 20:47	21°♋56'18	0.66135 AU
inferior conj	-4120 Aug	15 j 08:53	20°♋05'17	-2°-27'-9
minimum elong	-4120 Aug	15 j 12:06	19°♋55'22	2°25'52
morning rise	-4120 Aug	21 j 06:54	14°♋14'41	
asc. node	-4120 Aug	23 j 03:09	13°♋30'06	
direct	-4120 Aug	24 j 07:52	13°♋21'56	
morning max el	-4120 Aug	31 j 03:43	17°♋11'36	18°48'58
	-4120 Sep	09 j 17:22	0°♌	
morning set	-4120 Sep	21 j 08:24	18°♌21'30	
	-4120 Sep	28 j 16:19	0°♍	
desc. node	-4120 Oct	04 j 16:23	9°♍28'27	
superior conj	-4120 Oct	07 j 10:56	13°♍50'40	0°-17'-30
minimum elong	-4120 Oct	07 j 08:38	13°♍41'37	0°17'09
max. Earth dist.	-4120 Oct	07 j 02:57	13°♍19'13	1.44806 AU
	-4120 Oct	17 j 15:57	0°♎	
evening rise	-4120 Oct	23 j 07:42	9°♎02'56	
	-4120 Nov	05 j 12:20	0°♏	
evening max el	-4120 Nov	13 j 13:17	10°♏37'51	18°53'12
asc. node	-4120 Nov	19 j 01:58	14°♏20'35	
retrograde	-4120 Nov	20 j 09:15	14°♏30'05	
evening set	-4120 Nov	23 j 11:06	13°♏35'52	
inferior conj	-4120 Nov	29 j 07:17	7°♏49'26	3°01'52
minimum elong	-4120 Nov	29 j 04:06	7°♏59'12	3°00'54
min. Earth dist.	-4120 Nov	30 j 22:14	5°♏49'55	0.65272 AU
morning rise	-4120 Dec	04 j 20:03	1°♏40'12	
	-4120 Dec	07 j 04:26	30°℞♎	
direct	-4120 Dec	11 j 09:58	28°♎51'26	
	-4120 Dec	16 j 00:21	0°♏	
morning max el	-4120 Dec	24 j 10:27	6°♏25'24	26°47'16
desc. node	-4120 Dec	31 j 16:13	14°♏38'08	
	-4119 Jan	11 j 16:57	0°♐	
morning set	-4119 Jan	29 j 05:45	0°♑00'22	
	-4119 Jan	29 j 05:40	0°♑	
max. Earth dist.	-4119 Feb	02 j 16:02	8°♑40'31	1.34603 AU
superior conj	-4119 Feb	06 j 17:55	17°♑00'24	-1°-17'-2
minimum elong	-4119 Feb	06 j 20:55	17°♑15'59	1°16'48
	-4119 Feb	12 j 22:42	0°♒	
evening rise	-4119 Feb	14 j 06:59	2°♒48'04	
asc. node	-4119 Feb	15 j 01:08	4°♒21'42	
	-4119 Mar	01 j 23:47	0°♓	
evening max el	-4119 Mar	05 j 23:37	4°♓24'06	21°14'26
retrograde	-4119 Mar	17 j 17:52	10°♓01'37	
evening set	-4119 Mar	20 j 05:32	9°♓47'25	
inferior conj	-4119 Mar	29 j 11:04	5°♓48'36	0°02'52
minimum elong	-4119 Mar	29 j 11:12	5°♓48'25	0°02'44
transit middle	-4119 Mar	29 j 11:12	5°♓48'25	0°02'44
transit begin	-4119 Mar	29 j 07:10	5°♓54'08	
transit end	-4119 Mar	29 j 15:14	5°♓42'42	
desc. node	-4119 Mar	29 j 15:13	5°♓42'44	
min. Earth dist.	-4119 Mar	30 j 00:11	5°♓30'03	0.55177 AU
morning rise	-4119 Apr	07 j 16:20	1°♓42'14	
direct	-4119 Apr	10 j 17:09	1°♓22'04	
morning max el	-4119 Apr	23 j 11:33	7°♓30'09	22°18'06
	-4119 May	09 j 04:38	0°♈	
asc. node	-4119 May	14 j 00:49	9°♈33'03	
morning set	-4119 May	15 j 00:21	11°♈34'41	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4119 May 22 j 07:39	27°♈00'45	1°16'25
minimum elong	-4119 May 22 j 04:59	26°♈46'43	1°16'07
	-4119 May 23 j 17:49	0°♉	
max. Earth dist.	-4119 May 25 j 09:14	3°♉24'21	1.34441 AU
evening rise	-4119 May 30 j 07:20	13°♉16'31	
	-4119 Jun 08 j 10:36	0°♊	
desc. node	-4119 Jun 25 j 13:54	25°♊40'51	
	-4119 Jun 29 j 03:13	0°♋	
evening max el	-4119 Jul 04 j 00:03	5°♋11'04	27°08'06
retrograde	-4119 Jul 17 j 07:49	12°♋33'28	
evening set	-4119 Jul 24 j 06:09	9°♋46'41	
min. Earth dist.	-4119 Jul 28 j 01:36	6°♋02'44	0.64999 AU
inferior conj	-4119 Jul 30 j 03:08	3°♋42'19	-3°-12'-3
minimum elong	-4119 Jul 30 j 06:52	3°♋31'42	3°10'51
	-4119 Aug 02 j 16:19	30°℞♊	
morning rise	-4119 Aug 05 j 08:56	28°♊06'28	
direct	-4119 Aug 08 j 03:40	27°♊24'47	
asc. node	-4119 Aug 10 j 00:14	27°♊43'15	
	-4119 Aug 13 j 16:25	0°♋	
morning max el	-4119 Aug 14 j 16:42	0°♋57'35	18°14'40
morning set	-4119 Sep 02 j 06:02	28°♋58'43	
	-4119 Sep 02 j 20:48	0°♌	
superior conj	-4119 Sep 16 j 13:23	22°♌17'47	0°31'23
minimum elong	-4119 Sep 16 j 17:09	22°♌32'46	0°31'01
max. Earth dist.	-4119 Sep 19 j 21:02	27°♌34'02	1.44634 AU
	-4119 Sep 21 j 10:00	0°♍	
desc. node	-4119 Sep 21 j 13:19	0°♍13'05	
evening rise	-4119 Oct 03 j 05:15	18°♍27'46	
	-4119 Oct 10 j 15:50	0°♎	
greatest brilliancy	-4119 Oct 19 j 15:39	13°♎32'57	-0.7m
evening max el	-4119 Oct 27 j 20:53	24°♎05'05	19°40'57
retrograde	-4119 Nov 04 j 05:48	28°♎22'07	
asc. node	-4119 Nov 05 j 23:05	28°♎04'58	
evening set	-4119 Nov 07 j 15:26	27°♎14'33	
inferior conj	-4119 Nov 13 j 06:12	21°♎14'24	2°19'12
minimum elong	-4119 Nov 13 j 03:24	21°♎23'34	2°18'10
min. Earth dist.	-4119 Nov 14 j 07:53	19°♎50'34	0.66298 AU
morning rise	-4119 Nov 18 j 14:39	14°♎59'59	
direct	-4119 Nov 24 j 15:09	12°♎22'44	
morning max el	-4119 Dec 06 j 19:33	19°♎34'35	25°40'10
	-4119 Dec 15 j 18:14	0°♏	
desc. node	-4119 Dec 18 j 13:11	3°♏42'27	
	-4118 Jan 04 j 19:06	0°♐	
morning set	-4118 Jan 12 j 00:42	12°♐41'00	
max. Earth dist.	-4118 Jan 15 j 21:45	19°♐54'44	1.36146 AU
superior conj	-4118 Jan 21 j 11:56	0°♑50'52	-1°-36'-6
minimum elong	-4118 Jan 21 j 14:59	1°♑06'11	1°35'59
	-4118 Jan 21 j 01:46	0°♑	
evening rise	-4118 Jan 29 j 12:38	17°♑11'36	
asc. node	-4118 Feb 01 j 22:09	23°♑58'21	
	-4118 Feb 05 j 02:51	0°♒	
evening max el	-4118 Feb 16 j 08:42	15°♒55'32	19°59'07
retrograde	-4118 Feb 26 j 10:18	20°♒41'59	
evening set	-4118 Feb 28 j 17:56	20°♒27'56	
inferior conj	-4118 Mar 09 j 10:53	16°♒27'19	1°52'45
minimum elong	-4118 Mar 09 j 15:16	16°♒20'37	1°51'16
min. Earth dist.	-4118 Mar 11 j 14:17	15°♒09'05	0.55798 AU
desc. node	-4118 Mar 16 j 12:20	12°♒35'53	
morning rise	-4118 Mar 18 j 09:42	11°♒56'17	
direct	-4118 Mar 22 j 09:53	11°♒20'51	
morning max el	-4118 Apr 05 j 04:42	18°♒12'34	23°56'51
	-4118 Apr 14 j 20:35	0°♓	
morning set	-4118 Apr 29 j 12:18	26°♓35'39	
asc. node	-4118 Apr 30 j 21:47	29°♓32'25	
	-4118 May 01 j 02:58	0°♈	

superior conj	-4118 May 06 j 15:00	11°♈50'23	0°56'14
minimum elong	-4118 May 06 j 12:46	11°♈38'24	0°55'52
max. Earth dist.	-4118 May 08 j 12:36	15°♈54'39	1.33474 AU
evening rise	-4118 May 14 j 02:54	27°♈31'31	
	-4118 May 15 j 08:42	0°♉	
	-4118 Jun 01 j 17:10	0°♊	
desc. node	-4118 Jun 12 j 11:01	14°♊05'46	
evening max el	-4118 Jun 16 j 10:25	18°♊15'19	27°25'19
retrograde	-4118 Jun 30 j 02:52	25°♊39'08	
evening set	-4118 Jul 07 j 06:25	23°♊00'44	
min. Earth dist.	-4118 Jul 10 j 21:05	19°♊50'27	0.63483 AU
inferior conj	-4118 Jul 13 j 12:38	17°♊08'01	-3°-48'-51
minimum elong	-4118 Jul 13 j 16:05	16°♊59'08	3°48'03
morning rise	-4118 Jul 20 j 03:43	11°♊50'16	
direct	-4118 Jul 22 j 18:24	11°♊16'54	
asc. node	-4118 Jul 27 j 21:18	13°♊24'22	
morning max el	-4118 Jul 29 j 07:31	14°♊41'25	17°58'00
	-4118 Aug 08 j 23:08	0°♋	
morning set	-4118 Aug 15 j 04:48	10°♋47'28	
	-4118 Aug 26 j 10:32	0°♌	
superior conj	-4118 Aug 27 j 12:11	1°♌46'25	1°11'05
minimum elong	-4118 Aug 27 j 18:01	2°♌10'31	1°10'37
max. Earth dist.	-4118 Sep 02 j 13:07	11°♌36'57	1.43762 AU
desc. node	-4118 Sep 08 j 10:17	20°♌56'55	
evening rise	-4118 Sep 12 j 10:43	27°♌12'22	
	-4118 Sep 14 j 06:11	0°♍	
	-4118 Oct 04 j 16:31	0°♎	
greatest brilliancy	-4118 Oct 05 j 00:23	0°♎26'02	-0.5m
evening max el	-4118 Oct 10 j 22:57	7°♎31'27	20°42'59
retrograde	-4118 Oct 19 j 02:58	12°♎20'52	
evening set	-4118 Oct 22 j 22:37	10°♎57'17	
asc. node	-4118 Oct 23 j 20:13	10°♎13'09	
inferior conj	-4118 Oct 28 j 09:38	4°♎46'45	1°31'00
minimum elong	-4118 Oct 28 j 07:39	4°♎53'30	1°30'12
min. Earth dist.	-4118 Oct 28 j 23:32	3°♎59'33	0.66980 AU
	-4118 Nov 01 j 03:44	30°℞♍	
morning rise	-4118 Nov 02 j 16:15	28°♍29'37	
direct	-4118 Nov 08 j 01:26	26°♍10'53	
	-4118 Nov 16 j 03:31	0°♎	
morning max el	-4118 Nov 19 j 04:18	2°♎48'33	24°18'34
desc. node	-4118 Dec 05 j 10:09	23°♎20'46	
	-4118 Dec 09 j 22:40	0°♏	
morning set	-4118 Dec 24 j 22:36	24°♏14'28	
	-4118 Dec 28 j 05:02	0°♐	
max. Earth dist.	-4118 Dec 28 j 19:21	1°♐04'17	1.38052 AU
superior conj	-4117 Jan 04 j 18:34	14°♐02'16	-1°-49'-34
minimum elong	-4117 Jan 04 j 20:40	14°♐12'24	1°49'38
	-4117 Jan 12 j 21:50	0°♑	
evening rise	-4117 Jan 13 j 12:08	1°♑10'35	
asc. node	-4117 Jan 19 j 19:11	13°♑11'48	
evening max el	-4117 Jan 30 j 04:03	28°♑02'12	19°02'26
	-4117 Feb 01 j 13:02	0°♒	
retrograde	-4117 Feb 07 j 17:18	2°♒08'04	
evening set	-4117 Feb 10 j 02:31	1°♒50'19	
	-4117 Feb 14 j 10:12	30°℞♑	
inferior conj	-4117 Feb 18 j 02:45	27°♑34'58	3°11'52
minimum elong	-4117 Feb 18 j 07:27	27°♑26'43	3°10'43
min. Earth dist.	-4117 Feb 21 j 05:30	25°♑24'49	0.57189 AU
morning rise	-4117 Feb 26 j 08:38	22°♑33'54	
desc. node	-4117 Mar 03 j 09:25	21°♑29'13	
direct	-4117 Mar 03 j 14:25	21°♑29'06	
morning max el	-4117 Mar 17 j 19:41	28°♑48'46	25°31'46
	-4117 Mar 19 j 00:21	0°♒	
	-4117 Apr 08 j 05:20	0°♓	
morning set	-4117 Apr 14 j 00:27	11°♓38'29	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4117 Apr 17 j 18:47	19°♓41'18	
superior conj	-4117 Apr 21 j 01:27	26°♓49'44	0°33'34
minimum elong	-4117 Apr 21 j 00:01	26°♓41'56	0°33'16
max. Earth dist.	-4117 Apr 21 j 22:45	28°♓45'40	1.32857 AU
	-4117 Apr 22 j 12:26	0°♈	
evening rise	-4117 Apr 28 j 06:01	12°♈09'45	
	-4117 May 07 j 13:18	0°♉	
	-4117 May 28 j 21:43	0°♊	
evening max el	-4117 May 29 j 17:10	0°♊47'29	27°10'47
desc. node	-4117 May 30 j 08:07	1°♊22'41	
retrograde	-4117 Jun 12 j 15:26	8°♊10'06	
evening set	-4117 Jun 19 j 15:09	5°♊54'04	
min. Earth dist.	-4117 Jun 23 j 06:36	3°♊06'35	0.61635 AU
inferior conj	-4117 Jun 26 j 10:16	0°♊15'36	-4°-12'-50
minimum elong	-4117 Jun 26 j 12:15	0°♊11'07	4°12'33
	-4117 Jun 26 j 17:09	30°℞♉	
morning rise	-4117 Jul 03 j 12:06	25°♉18'43	
direct	-4117 Jul 06 j 00:32	24°♉51'44	
morning max el	-4117 Jul 12 j 21:31	28°♉17'31	17°59'50
	-4117 Jul 14 j 11:57	0°♊	
asc. node	-4117 Jul 14 j 18:21	0°♊18'48	
morning set	-4117 Jul 28 j 23:20	23°♊33'24	
	-4117 Aug 01 j 12:14	0°♋	
superior conj	-4117 Aug 08 j 14:45	12°♋38'08	1°36'20
minimum elong	-4117 Aug 08 j 18:53	12°♋56'04	1°36'13
max. Earth dist.	-4117 Aug 16 j 00:03	25°♋09'02	1.42310 AU
	-4117 Aug 18 j 23:14	0°♌	
evening rise	-4117 Aug 22 j 18:45	6°♌06'09	
desc. node	-4117 Aug 26 j 07:17	11°♌37'03	
	-4117 Sep 07 j 13:46	0°♍	
greatest brilliancy	-4117 Sep 18 j 23:01	15°♍28'06	-0.4m
evening max el	-4117 Sep 23 j 18:43	20°♍56'53	21°56'14
retrograde	-4117 Oct 02 j 23:00	26°♍24'09	
evening set	-4117 Oct 07 j 06:44	24°♍42'19	
asc. node	-4117 Oct 10 j 17:21	21°♍01'11	
inferior conj	-4117 Oct 12 j 15:36	18°♍24'56	0°39'24
minimum elong	-4117 Oct 12 j 14:42	18°♍28'03	0°39'04
min. Earth dist.	-4117 Oct 12 j 18:52	18°♍13'39	0.67346 AU
morning rise	-4117 Oct 17 j 22:27	12°♍07'53	
direct	-4117 Oct 22 j 16:23	10°♍10'28	
morning max el	-4117 Nov 01 j 14:45	16°♍05'59	22°52'06
greatest brilliancy	-4117 Nov 06 j 10:25	21°♍31'03	-0.3m
	-4117 Nov 12 j 23:03	0°♎	
desc. node	-4117 Nov 22 j 07:07	13°♎23'33	
	-4117 Dec 03 j 00:01	0°♏	
morning set	-4117 Dec 05 j 17:39	4°♏27'20	
max. Earth dist.	-4117 Dec 10 j 15:43	12°♏42'52	1.40119 AU
superior conj	-4117 Dec 18 j 09:16	26°♏22'56	-1°-54'-30
minimum elong	-4117 Dec 18 j 09:04	26°♏22'01	1°54'40
	-4117 Dec 20 j 08:32	0°♐	
evening rise	-4117 Dec 28 j 02:45	14°♐38'24	
	-4116 Jan 05 j 12:23	0°♑	
asc. node	-4116 Jan 06 j 16:16	1°♑54'23	
evening max el	-4116 Jan 13 j 07:53	10°♑39'28	18°25'47
retrograde	-4116 Jan 20 j 18:46	14°♑19'33	
evening set	-4116 Jan 23 j 06:36	13°♑56'08	
inferior conj	-4116 Jan 30 j 15:04	9°♑20'24	3°53'20
minimum elong	-4116 Jan 30 j 17:20	9°♑15'46	3°52'56
min. Earth dist.	-4116 Feb 03 j 00:15	6°♑35'56	0.59059 AU
morning rise	-4116 Feb 07 j 00:40	3°♑54'40	
direct	-4116 Feb 13 j 08:02	2°♑11'01	
desc. node	-4116 Feb 18 j 06:31	3°♑11'47	
morning max el	-4116 Feb 27 j 14:09	9°♑45'40	26°47'34
	-4116 Mar 14 j 02:33	0°♒	
morning set	-4116 Mar 28 j 11:02	26°♒36'00	
	-4116 Mar 30 j 01:47	0°♓	
asc. node	-4116 Apr 03 j 15:45	9°♓54'38	
superior conj	-4116 Apr 04 j 13:09	11°♓51'45	0°09'19
minimum elong	-4116 Apr 04 j 12:45	11°♓49'30	0°09'10
behind sun begin	-4116 Apr 04 j 08:39	11°♓27'05	
behind sun end	-4116 Apr 04 j 16:50	12°♓11'55	
max. Earth dist.	-4116 Apr 04 j 11:55	11°♓45'00	1.32582 AU
evening rise	-4116 Apr 11 j 14:00	27°♓01'31	
	-4116 Apr 13 j 00:31	0°♈	
	-4116 Apr 30 j 05:11	0°♉	
evening max el	-4116 May 10 j 18:10	12°♉38'27	26°23'44
desc. node	-4116 May 16 j 05:15	17°♉02'40	
retrograde	-4116 May 24 j 20:12	19°♉57'31	
evening set	-4116 May 31 j 04:14	18°♉16'12	
min. Earth dist.	-4116 Jun 04 j 07:16	15°♉35'04	0.59601 AU
inferior conj	-4116 Jun 07 j 16:24	12°♉55'25	-4°-16'-48
minimum elong	-4116 Jun 07 j 15:29	12°♉57'14	4°16'41
morning rise	-4116 Jun 15 j 06:23	8°♉20'36	
direct	-4116 Jun 17 j 17:46	7°♉58'37	
morning max el	-4116 Jun 25 j 07:44	11°♉37'05	18°20'59
asc. node	-4116 Jun 30 j 15:24	18°♉10'28	
	-4116 Jul 07 j 14:36	0°♊	
morning set	-4116 Jul 11 j 08:29	7°♊02'42	
superior conj	-4116 Jul 20 j 18:04	24°♊43'49	1°47'50
minimum elong	-4116 Jul 20 j 19:27	24°♊50'07	1°47'58
	-4116 Jul 23 j 15:57	0°♋	
max. Earth dist.	-4116 Jul 28 j 04:44	7°♋56'45	1.40484 AU
evening rise	-4116 Aug 01 j 22:52	15°♋57'14	
	-4116 Aug 10 j 18:32	0°♌	
desc. node	-4116 Aug 12 j 04:18	2°♌09'07	
greatest brilliancy	-4116 Aug 30 j 09:09	27°♌35'46	-0.2m
	-4116 Sep 01 j 09:06	0°♍	
evening max el	-4116 Sep 05 j 09:07	4°♍22'36	23°16'10
retrograde	-4116 Sep 15 j 16:19	10°♍28'38	
evening set	-4116 Sep 20 j 13:58	8°♍27'15	
inferior conj	-4116 Sep 25 j 22:15	2°♍06'45	0°-13'-52
minimum elong	-4116 Sep 25 j 22:34	2°♍05'39	0°13'39
transit middle	-4116 Sep 25 j 22:34	2°♍05'39	0°13'39
transit begin	-4116 Sep 25 j 21:05	2°♍10'46	
transit end	-4116 Sep 26 j 00:04	2°♍00'32	
min. Earth dist.	-4116 Sep 25 j 15:22	2°♍30'26	0.67410 AU
asc. node	-4116 Sep 26 j 14:28	1°♍11'11	
	-4116 Sep 27 j 11:43	30°℞♌	
morning rise	-4116 Oct 01 j 07:12	25°♌52'52	
direct	-4116 Oct 05 j 11:05	24°♌16'39	
morning max el	-4116 Oct 14 j 05:54	29°♌28'34	21°29'13
	-4116 Oct 14 j 18:03	0°♍	
greatest brilliancy	-4116 Oct 19 j 10:28	5°♍28'01	-0.4m
	-4116 Nov 05 j 17:19	0°♎	
desc. node	-4116 Nov 08 j 04:06	3°♎43'38	
morning set	-4116 Nov 14 j 08:43	13°♎21'08	
max. Earth dist.	-4116 Nov 21 j 17:18	25°♎12'33	1.42066 AU
	-4116 Nov 24 j 14:30	0°♏	
superior conj	-4116 Nov 29 j 02:30	7°♏39'28	-1°-47'-19
minimum elong	-4116 Nov 28 j 22:45	7°♏23'17	1°47'14
evening rise	-4116 Dec 10 j 05:00	27°♏27'26	
	-4116 Dec 11 j 14:31	0°♐	
asc. node	-4116 Dec 23 j 13:21	19°♐56'30	
evening max el	-4116 Dec 26 j 17:30	23°♐39'41	18°09'07
retrograde	-4115 Jan 02 j 12:42	27°♐08'25	
evening set	-4115 Jan 05 j 03:18	26°♐38'07	
inferior conj	-4115 Jan 11 j 22:30	21°♐40'28	4°03'19
minimum elong	-4115 Jan 11 j 22:02	21°♐41'33	4°03'08

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4115 Jan 15 j 01:23	18♐45'29	0.61070 AU
morning rise	-4115 Jan 18 j 14:13	15♐57'31	
direct	-4115 Jan 25 j 12:27	13♐38'09	
desc. node	-4115 Feb 04 j 03:36	17♐28'35	
morning max el	-4115 Feb 08 j 14:38	21♐19'46	27°32'26
	-4115 Feb 16 j 04:57	0♑	
	-4115 Mar 07 j 00:14	0♒	
morning set	-4115 Mar 12 j 18:13	11♒21'23	
max. Earth dist.	-4115 Mar 19 j 00:31	24♒39'51	1.32653 AU
superior conj	-4115 Mar 20 j 00:30	26♒50'27	0°-15'-43
minimum elong	-4115 Mar 20 j 01:12	26♒54'19	0°15'41
behind sun begin	-4115 Mar 20 j 00:36	26♒51'01	
behind sun end	-4115 Mar 20 j 01:48	26♒57'36	
	-4115 Mar 21 j 11:14	0♓	
asc. node	-4115 Mar 21 j 12:45	0♓08'21	
evening rise	-4115 Mar 27 j 00:47	11♓59'28	
	-4115 Apr 05 j 06:35	0♈	
evening max el	-4115 Apr 22 j 13:17	23♈49'57	25°09'06
	-4115 May 01 j 13:38	0♉	
desc. node	-4115 May 03 j 02:21	0♉30'09	
retrograde	-4115 May 06 j 14:40	0♉59'01	
evening set	-4115 May 11 j 19:36	29♈56'14	
	-4115 May 11 j 15:43	30♓♈	
min. Earth dist.	-4115 May 17 j 01:40	27♈04'54	0.57642 AU
inferior conj	-4115 May 20 j 03:40	24♈58'46	-3°-50'-57
minimum elong	-4115 May 19 j 23:16	25♈06'19	3°50'12
morning rise	-4115 May 28 j 07:04	20♈44'25	
direct	-4115 May 30 j 18:08	20♈26'18	
morning max el	-4115 Jun 08 j 11:15	24♈31'00	19°02'18
	-4115 Jun 13 j 03:58	0♉	
asc. node	-4115 Jun 17 j 12:26	6♉46'25	
morning set	-4115 Jun 25 j 04:12	21♉05'38	
	-4115 Jun 29 j 16:24	0♊	
superior conj	-4115 Jul 03 j 16:29	7♊48'06	1°48'15
minimum elong	-4115 Jul 03 j 15:37	7♊43'55	1°48'23
max. Earth dist.	-4115 Jul 10 j 06:22	20♊04'46	1.38537 AU
evening rise	-4115 Jul 14 j 05:18	27♊05'13	
	-4115 Jul 15 j 21:56	0♋	
desc. node	-4115 Jul 30 j 01:19	22♋28'26	
	-4115 Aug 04 j 07:04	0♌	
evening max el	-4115 Aug 18 j 20:31	17♌51'14	24°36'16
retrograde	-4115 Aug 30 j 05:49	24♌30'53	
evening set	-4115 Sep 04 j 18:31	22♌10'20	
min. Earth dist.	-4115 Sep 09 j 10:28	16♌48'25	0.67176 AU
inferior conj	-4115 Sep 10 j 03:51	15♌50'15	-1°-7'-12
minimum elong	-4115 Sep 10 j 05:25	15♌45'00	1°06'26
asc. node	-4115 Sep 13 j 11:36	11♌42'05	
morning rise	-4115 Sep 15 j 16:37	9♌42'53	
direct	-4115 Sep 19 j 08:22	8♌25'52	
morning max el	-4115 Sep 27 j 03:56	12♌59'02	20°16'01
greatest brilliancy	-4115 Oct 04 j 00:32	21♌20'58	-0.6m
	-4115 Oct 10 j 02:21	0♍	
morning set	-4115 Oct 24 j 07:27	21♍33'39	
desc. node	-4115 Oct 26 j 01:03	24♍15'09	
	-4115 Oct 29 j 17:12	0♎	
max. Earth dist.	-4115 Nov 04 j 02:38	8♎33'52	1.43621 AU
superior conj	-4115 Nov 09 j 17:05	17♎39'18	-1°-24'-27
minimum elong	-4115 Nov 09 j 10:21	17♎11'39	1°23'52
	-4115 Nov 17 j 02:18	0♏	
evening rise	-4115 Nov 22 j 14:31	9♏28'08	
	-4115 Dec 04 j 20:40	0♐	
evening max el	-4115 Dec 10 j 05:55	6♐53'57	18°11'48
asc. node	-4115 Dec 10 j 10:26	7♐05'17	
retrograde	-4115 Dec 16 j 19:04	10♐23'48	
evening set	-4115 Dec 19 j 12:57	9♐45'28	
inferior conj	-4115 Dec 25 j 21:26	4♐26'42	3°50'47
minimum elong	-4115 Dec 25 j 19:08	4♐32'50	3°50'20
min. Earth dist.	-4115 Dec 28 j 11:18	1♐43'01	0.62947 AU
	-4115 Dec 30 j 05:29	30♑♏	
morning rise	-4115 Dec 31 j 23:32	28♏31'18	
direct	-4114 Jan 08 j 01:07	25♏49'00	
	-4114 Jan 17 j 20:31	0♐	
morning max el	-4114 Jan 21 j 20:33	3♐32'38	27°41'21
desc. node	-4114 Jan 22 j 00:39	3♐42'48	
	-4114 Feb 10 j 16:00	0♑	
morning set	-4114 Feb 24 j 19:39	25♑45'41	
	-4114 Feb 26 j 21:35	0♒	
max. Earth dist.	-4114 Mar 02 j 08:38	7♒15'41	1.33089 AU
superior conj	-4114 Mar 04 j 09:43	11♒38'43	0°-40'-37
minimum elong	-4114 Mar 04 j 11:30	11♒48'23	0°40'25
asc. node	-4114 Mar 08 j 09:45	20♒17'30	
evening rise	-4114 Mar 11 j 12:26	26♒55'47	
	-4114 Mar 12 j 23:47	0♓	
	-4114 Mar 30 j 23:22	0♈	
evening max el	-4114 Apr 04 j 05:17	4♈35'53	23°37'55
retrograde	-4114 Apr 17 j 20:22	11♈22'22	
desc. node	-4114 Apr 19 j 23:27	11♈12'15	
evening set	-4114 Apr 21 j 17:29	10♈49'17	
min. Earth dist.	-4114 Apr 28 j 16:36	7♈35'23	0.56085 AU
inferior conj	-4114 Apr 30 j 18:52	6♈19'50	-2°-46'-14
minimum elong	-4114 Apr 30 j 12:59	6♈28'42	2°44'39
morning rise	-4114 May 09 j 11:59	2♈20'05	
direct	-4114 May 11 j 23:50	2♈04'23	
morning max el	-4114 May 22 j 05:25	6♈49'41	20°04'08
asc. node	-4114 Jun 04 j 09:27	25♈55'52	
	-4114 Jun 06 j 12:21	0♉	
morning set	-4114 Jun 09 j 07:24	5♉34'04	
superior conj	-4114 Jun 17 j 04:48	21♉36'30	1°40'23
minimum elong	-4114 Jun 17 j 02:37	21♉25'30	1°40'22
	-4114 Jun 21 j 11:08	0♊	
max. Earth dist.	-4114 Jun 22 j 10:44	1♊53'09	1.36706 AU
evening rise	-4114 Jun 26 j 11:24	9♊24'17	
	-4114 Jul 08 j 14:22	0♋	
desc. node	-4114 Jul 16 j 22:19	12♋29'11	
	-4114 Jul 30 j 22:30	0♌	
evening max el	-4114 Aug 01 j 07:15	1♌22'40	25°48'43
retrograde	-4114 Aug 13 j 14:45	8♌26'53	
evening set	-4114 Aug 19 j 18:29	5♌50'09	
min. Earth dist.	-4114 Aug 24 j 01:45	1♌05'57	0.66617 AU
	-4114 Aug 24 j 22:28	30♑♋	
inferior conj	-4114 Aug 25 j 06:39	29♋33'50	-1°-58'-53
minimum elong	-4114 Aug 25 j 09:21	29♋25'14	1°57'43
morning rise	-4114 Aug 31 j 00:50	23♋36'19	
asc. node	-4114 Aug 31 j 08:43	23♋24'39	
direct	-4114 Sep 03 j 06:37	22♋35'36	
morning max el	-4114 Sep 10 j 09:07	26♋38'16	19°16'22
	-4114 Sep 13 j 07:48	0♌	
	-4114 Oct 03 j 09:49	0♍	
morning set	-4114 Oct 03 j 13:09	0♍13'03	
desc. node	-4114 Oct 12 j 21:59	14♍54'23	
max. Earth dist.	-4114 Oct 17 j 18:06	22♍31'53	1.44576 AU
superior conj	-4114 Oct 20 j 05:26	26♍26'53	0°-45'-15
minimum elong	-4114 Oct 19 j 23:58	26♍05'11	0°44'34
	-4114 Oct 22 j 10:59	0♎	
evening rise	-4114 Nov 04 j 02:39	20♎31'43	
	-4114 Nov 09 j 20:26	0♏	
evening max el	-4114 Nov 23 j 18:19	20♏16'11	18°32'59
asc. node	-4114 Nov 27 j 07:32	23♏06'17	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-4114 Nov 30 j 09:42	23°♏57'44	
evening set	-4114 Dec 03 j 08:08	23°♏09'50	
inferior conj	-4114 Dec 09 j 08:12	17°♏32'22	3°22'54
minimum elong	-4114 Dec 09 j 05:05	17°♏41'29	3°22'04
min. Earth dist.	-4114 Dec 11 j 07:15	15°♏14'32	0.64525 AU
morning rise	-4114 Dec 15 j 00:49	11°♏27'24	
direct	-4114 Dec 21 j 20:38	8°♏37'20	
morning max el	-4113 Jan 04 j 05:42	16°♏17'17	27°15'38
desc. node	-4113 Jan 08 j 21:43	21°♏21'36	
	-4113 Jan 15 j 15:56	0°♐	
	-4113 Feb 03 j 09:39	0°♑	
morning set	-4113 Feb 08 j 12:30	9°♑39'44	
max. Earth dist.	-4113 Feb 13 j 08:30	19°♑21'25	1.33929 AU
superior conj	-4113 Feb 16 j 14:55	26°♑10'21	-1°-4'-23
minimum elong	-4113 Feb 16 j 17:36	26°♑24'29	1°04'07
	-4113 Feb 18 j 10:17	0°♒	
asc. node	-4113 Feb 23 j 06:44	10°♒17'55	
evening rise	-4113 Feb 23 j 23:14	11°♒44'19	
	-4113 Mar 05 j 11:38	0°♓	
evening max el	-4113 Mar 16 j 23:56	15°♓22'13	22°04'17
retrograde	-4113 Mar 29 j 14:30	21°♓29'14	
evening set	-4113 Apr 01 j 10:27	21°♓11'27	
desc. node	-4113 Apr 06 j 20:35	19°♓12'16	
inferior conj	-4113 Apr 10 j 18:25	17°♓05'06	-1°-4'-27
minimum elong	-4113 Apr 10 j 15:28	17°♓09'16	1°03'31
min. Earth dist.	-4113 Apr 10 j 06:29	17°♓21'56	0.55248 AU
morning rise	-4113 Apr 19 j 21:51	13°♓06'47	
direct	-4113 Apr 22 j 14:52	12°♓50'18	
morning max el	-4113 May 04 j 12:48	18°♓27'15	21°24'57
	-4113 May 13 j 16:36	0°♈	
asc. node	-4113 May 22 j 06:26	15°♈29'58	
morning set	-4113 May 24 j 15:33	20°♈20'21	
	-4113 May 29 j 06:35	0°♉	
superior conj	-4113 Jun 01 j 02:52	5°♉56'25	1°26'29
minimum elong	-4113 Jun 01 j 00:11	5°♉42'30	1°26'16
max. Earth dist.	-4113 Jun 04 j 22:49	13°♉46'02	1.35159 AU
evening rise	-4113 Jun 09 j 11:49	22°♉39'35	
	-4113 Jun 13 j 10:38	0°♊	
	-4113 Jul 02 j 07:03	0°♋	
desc. node	-4113 Jul 03 j 19:21	2°♋02'46	
evening max el	-4113 Jul 14 j 18:23	14°♋51'07	26°45'29
retrograde	-4113 Jul 27 j 18:48	22°♋09'52	
evening set	-4113 Aug 03 j 11:35	19°♋23'35	
min. Earth dist.	-4113 Aug 07 j 10:51	15°♋18'19	0.65699 AU
inferior conj	-4113 Aug 09 j 04:38	13°♋14'00	-2°-46'-58
minimum elong	-4113 Aug 09 j 08:09	13°♋03'32	2°45'42
morning rise	-4113 Aug 15 j 05:48	7°♋29'36	
direct	-4113 Aug 18 j 03:53	6°♋41'57	
asc. node	-4113 Aug 18 j 05:49	6°♋41'59	
morning max el	-4113 Aug 24 j 19:57	10°♋23'08	18°32'22
	-4113 Sep 07 j 13:43	0°♌	
morning set	-4113 Sep 13 j 18:45	10°♌03'32	
	-4113 Sep 26 j 05:27	0°♍	
superior conj	-4113 Sep 29 j 04:48	4°♍42'02	0°03'45
minimum elong	-4113 Sep 29 j 05:18	4°♍43'59	0°03'45
behind sun begin	-4113 Sep 28 j 18:12	4°♍00'09	
behind sun end	-4113 Sep 29 j 16:24	5°♍27'46	
desc. node	-4113 Sep 29 j 18:54	5°♍37'36	
max. Earth dist.	-4113 Sep 30 j 12:05	6°♍45'21	1.44819 AU
	-4113 Oct 15 j 06:07	0°♎	
evening rise	-4113 Oct 15 j 13:56	0°♎30'54	
	-4113 Nov 04 j 00:13	0°♏	
evening max el	-4113 Nov 07 j 04:12	3°♏41'36	19°11'35
retrograde	-4113 Nov 14 j 04:59	7°♏43'47	
asc. node	-4113 Nov 14 j 04:39	7°♏43'47	
evening set	-4113 Nov 17 j 09:51	6°♏44'13	
inferior conj	-4113 Nov 23 j 03:29	0°♏51'16	2°44'37
minimum elong	-4113 Nov 23 j 00:23	1°♏01'02	2°43'35
	-4113 Nov 23 j 19:39	30°℞♎	
min. Earth dist.	-4113 Nov 24 j 12:32	29°♎06'44	0.65746 AU
morning rise	-4113 Nov 28 j 14:03	24°♎39'20	
direct	-4113 Dec 04 j 22:27	21°♎54'33	
morning max el	-4113 Dec 17 j 15:29	29°♎21'10	26°21'12
	-4113 Dec 18 j 06:49	0°♏	
desc. node	-4113 Dec 26 j 18:44	9°♏59'47	
	-4112 Jan 09 j 12:23	0°♐	
morning set	-4112 Jan 22 j 16:56	22°♐51'43	
	-4112 Jan 26 j 10:25	0°♑	
max. Earth dist.	-4112 Jan 26 j 21:05	0°♑52'11	1.35204 AU
superior conj	-4112 Jan 31 j 13:52	10°♑18'19	-1°-25'-40
minimum elong	-4112 Jan 31 j 16:59	10°♑34'18	1°25'27
evening rise	-4112 Feb 08 j 07:21	26°♑18'55	
asc. node	-4112 Feb 10 j 03:45	0°♒05'02	
	-4112 Feb 10 j 02:45	0°♒	
evening max el	-4112 Feb 27 j 03:01	26°♒34'09	20°40'18
	-4112 Mar 02 j 15:30	0°♓	
retrograde	-4112 Mar 09 j 04:30	1°♓50'01	
evening set	-4112 Mar 11 j 13:02	1°♓36'39	
	-4112 Mar 16 j 06:03	30°℞♒	
inferior conj	-4112 Mar 20 j 14:10	27°♒38'50	0°51'55
minimum elong	-4112 Mar 20 j 16:28	27°♒35'29	0°51'02
min. Earth dist.	-4112 Mar 21 j 20:43	26°♒54'36	0.55327 AU
desc. node	-4112 Mar 23 j 17:44	25°♒51'28	
morning rise	-4112 Mar 29 j 18:14	23°♒23'19	
direct	-4112 Apr 02 j 03:17	22°♒58'29	
morning max el	-4112 Apr 15 j 10:22	29°♒27'10	22°59'41
	-4112 Apr 16 j 00:00	0°♓	
	-4112 May 05 j 12:39	0°♈	
morning set	-4112 May 08 j 02:40	5°♈18'18	
asc. node	-4112 May 08 j 03:24	5°♈22'09	
superior conj	-4112 May 15 j 07:38	20°♈38'25	1°08'14
minimum elong	-4112 May 15 j 05:06	20°♈24'57	1°07'53
max. Earth dist.	-4112 May 17 j 20:48	26°♈01'20	1.33980 AU
	-4112 May 19 j 18:50	0°♉	
evening rise	-4112 May 23 j 01:40	6°♉37'14	
	-4112 Jun 05 j 00:52	0°♊	
desc. node	-4112 Jun 19 j 16:26	20°♊57'37	
evening max el	-4112 Jun 26 j 05:28	28°♊07'44	27°18'59
	-4112 Jun 28 j 06:36	0°♋	
retrograde	-4112 Jul 09 j 17:34	5°♋32'09	
evening set	-4112 Jul 16 j 19:01	2°♋46'57	
	-4112 Jul 19 j 19:57	30°℞♊	
min. Earth dist.	-4112 Jul 20 j 11:52	29°♊18'22	0.64399 AU
inferior conj	-4112 Jul 22 j 19:31	26°♊47'00	-3°-28'-54
minimum elong	-4112 Jul 22 j 23:15	26°♊36'47	3°27'51
morning rise	-4112 Jul 29 j 05:08	21°♊18'41	
direct	-4112 Jul 31 j 21:46	20°♊41'01	
asc. node	-4112 Aug 04 j 02:53	21°♊34'14	
morning max el	-4112 Aug 07 j 10:07	24°♊09'22	18°05'21
	-4112 Aug 12 j 03:24	0°♋	
morning set	-4112 Aug 25 j 03:35	21°♋12'16	
	-4112 Aug 30 j 08:52	0°♌	
superior conj	-4112 Sep 07 j 14:07	13°♌30'18	0°49'51
minimum elong	-4112 Sep 07 j 19:21	13°♌51'28	0°49'21
max. Earth dist.	-4112 Sep 12 j 05:10	20°♌55'14	1.44340 AU
desc. node	-4112 Sep 15 j 15:50	26°♌22'03	
	-4112 Sep 17 j 23:23	0°♍	
evening rise	-4112 Sep 24 j 02:49	9°♍33'16	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4112 Oct 07 j 12:46	0°♎		
greatest brilliancy	-4112 Oct 13 j 07:54	8°♎22'08	-0.6m	
evening max el	-4112 Oct 20 j 09:32	17°♎07'56	20°05'48	
retrograde	-4112 Oct 28 j 02:06	21°♎38'22		
asc. node	-4112 Oct 31 j 01:47	20°♎46'33		
evening set	-4112 Oct 31 j 15:37	20°♎24'30		
inferior conj	-4112 Nov 06 j 04:36	14°♎19'30	1°59'18	
minimum elong	-4112 Nov 06 j 02:06	14°♎27'50	1°58'20	
min. Earth dist.	-4112 Nov 07 j 01:09	13°♎11'02	0.66622 AU	
morning rise	-4112 Nov 11 j 11:57	8°♎03'19		
direct	-4112 Nov 17 j 05:59	5°♎33'10		
morning max el	-4112 Nov 29 j 00:19	12°♎32'43	25°06'37	
desc. node	-4112 Dec 12 j 15:43	29°♎19'45		
	-4112 Dec 13 j 03:13	0°♏		
	-4111 Jan 01 j 06:13	0°♐		
morning set	-4111 Jan 04 j 03:44	5°♐05'50		
max. Earth dist.	-4111 Jan 07 j 22:15	11°♐58'17	1.36911 AU	
superior conj	-4111 Jan 14 j 03:31	23°♐53'12	-1°-42'-40	
minimum elong	-4111 Jan 14 j 06:19	24°♐07'00	1°42'38	
	-4111 Jan 17 j 05:15	0°♑		
evening rise	-4111 Jan 22 j 10:41	10°♑32'25		
asc. node	-4111 Jan 27 j 00:48	19°♑32'35		
	-4111 Feb 02 j 01:21	0°♒		
evening max el	-4111 Feb 08 j 16:41	8°♒21'14	19°32'44	
retrograde	-4111 Feb 18 j 02:00	12°♒48'35		
evening set	-4111 Feb 20 j 09:49	12°♒33'25		
inferior conj	-4111 Feb 28 j 19:51	8°♒28'05	2°30'53	
minimum elong	-4111 Mar 01 j 00:52	8°♒20'00	2°29'22	
min. Earth dist.	-4111 Mar 03 j 11:29	6°♒45'57	0.56304 AU	
morning rise	-4111 Mar 09 j 12:19	3°♒43'49		
desc. node	-4111 Mar 10 j 14:52	3°♒24'08		
direct	-4111 Mar 14 j 00:58	2°♒57'23		
morning max el	-4111 Mar 28 j 01:52	10°♒03'48	24°38'29	
	-4111 Apr 11 j 23:38	0°♓		
morning set	-4111 Apr 22 j 14:54	20°♓20'44		
asc. node	-4111 Apr 25 j 00:23	25°♓26'04		
	-4111 Apr 27 j 03:08	0°♈		
superior conj	-4111 Apr 29 j 16:34	5°♈33'15	0°46'54	
minimum elong	-4111 Apr 29 j 14:39	5°♈22'49	0°46'32	
max. Earth dist.	-4111 May 01 j 03:18	8°♈40'47	1.33171 AU	
evening rise	-4111 May 07 j 00:51	21°♈03'37		
	-4111 May 11 j 13:53	0°♉		
	-4111 May 30 j 02:12	0°♊		
desc. node	-4111 Jun 06 j 13:33	8°♊56'34		
evening max el	-4111 Jun 08 j 14:40	10°♊59'53	27°23'09	
retrograde	-4111 Jun 22 j 10:16	18°♊23'47		
evening set	-4111 Jun 29 j 13:13	15°♊53'22		
min. Earth dist.	-4111 Jul 03 j 03:20	12°♊54'08	0.62730 AU	
inferior conj	-4111 Jul 06 j 00:24	10°♊06'02	-4°-1'00	
minimum elong	-4111 Jul 06 j 03:24	9°♊58'41	4°00'25	
morning rise	-4111 Jul 12 j 19:53	4°♊56'42		
direct	-4111 Jul 15 j 09:19	4°♊26'22		
asc. node	-4111 Jul 21 j 23:57	7°♊48'11		
morning max el	-4111 Jul 22 j 00:54	7°♊50'33	17°56'23	
	-4111 Aug 05 j 12:51	0°♋		
morning set	-4111 Aug 07 j 11:28	3°♋27'07		
superior conj	-4111 Aug 19 j 00:37	23°♋33'49	1°23'37	
minimum elong	-4111 Aug 19 j 06:02	23°♋56'37	1°23'17	
	-4111 Aug 22 j 21:10	0°♌		
max. Earth dist.	-4111 Aug 25 j 18:54	4°♌45'16	1.43205 AU	
desc. node	-4111 Sep 02 j 12:49	17°♌04'44		
evening rise	-4111 Sep 03 j 06:49	18°♌14'55		
	-4111 Sep 10 j 22:58	0°♍		
greatest brilliancy	-4111 Sep 28 j 01:19	24°♍22'20	-0.5m	

	-4111 Oct 02 j 19:50	0°♎		
evening max el	-4111 Oct 03 j 09:00	0°♎34'16	21°13'08	
retrograde	-4111 Oct 11 j 22:54	5°♎39'11		
evening set	-4111 Oct 15 j 23:24	4°♎08'16		
asc. node	-4111 Oct 17 j 22:55	2°♎17'13		
	-4111 Oct 19 j 20:11	30°℞♍		
inferior conj	-4111 Oct 21 j 09:20	27°♍54'38	1°09'25	
minimum elong	-4111 Oct 21 j 07:47	27°♍59'58	1°08'48	
min. Earth dist.	-4111 Oct 21 j 18:42	27°♍22'31	0.67173 AU	
morning rise	-4111 Oct 26 j 15:48	21°♍37'08		
direct	-4111 Oct 31 j 18:31	19°♍27'01		
morning max el	-4111 Nov 11 j 09:13	25°♍47'17	23°41'48	
	-4111 Nov 15 j 05:23	0°♎		
desc. node	-4111 Nov 29 j 12:42	19°♎09'38		
	-4111 Dec 06 j 16:59	0°♏		
morning set	-4111 Dec 16 j 14:48	16°♏06'07		
max. Earth dist.	-4111 Dec 20 j 18:01	23°♏14'43	1.38924 AU	
	-4111 Dec 24 j 12:31	0°♐		
superior conj	-4111 Dec 28 j 04:03	6°♐44'53	-1°-52'-54	
minimum elong	-4111 Dec 28 j 05:21	6°♐51'02	1°53'03	
evening rise	-4110 Jan 06 j 06:47	24°♐18'47		
	-4110 Jan 09 j 05:32	0°♑		
asc. node	-4110 Jan 13 j 21:53	8°♑33'50		
evening max el	-4110 Jan 22 j 16:03	20°♑42'02	18°44'26	
retrograde	-4110 Jan 30 j 16:27	24°♑34'35		
evening set	-4110 Feb 02 j 02:58	24°♑14'28		
inferior conj	-4110 Feb 09 j 20:14	19°♑51'00	3°33'49	
minimum elong	-4110 Feb 10 j 00:05	19°♑43'48	3°33'00	
min. Earth dist.	-4110 Feb 13 j 03:46	17°♑23'36	0.57950 AU	
morning rise	-4110 Feb 17 j 17:32	14°♑38'51		
direct	-4110 Feb 23 j 11:30	13°♑17'48		
desc. node	-4110 Feb 25 j 11:59	13°♑27'48		
morning max el	-4110 Mar 09 j 17:30	20°♑44'38	26°07'05	
	-4110 Mar 17 j 17:19	0°♒		
	-4110 Apr 04 j 12:06	0°♓		
morning set	-4110 Apr 07 j 02:36	5°♓21'37		
asc. node	-4110 Apr 11 j 21:23	15°♓37'04		
superior conj	-4110 Apr 14 j 03:45	20°♓34'06	0°23'27	
minimum elong	-4110 Apr 14 j 02:44	20°♓28'32	0°23'11	
max. Earth dist.	-4110 Apr 14 j 15:15	21°♓36'52	1.32707 AU	
	-4110 Apr 18 j 12:09	0°♈		
evening rise	-4110 Apr 21 j 06:20	5°♈48'32		
	-4110 May 04 j 05:21	0°♉		
evening max el	-4110 May 21 j 19:26	23°♉15'47	26°54'35	
desc. node	-4110 May 24 j 10:40	25°♉36'07		
	-4110 Jun 01 j 00:46	0°♊		
retrograde	-4110 Jun 04 j 19:29	0°♊36'20		
	-4110 Jun 08 j 11:56	30°℞♉		
evening set	-4110 Jun 11 j 14:00	28°♉34'16		
min. Earth dist.	-4110 Jun 15 j 08:57	25°♉51'26	0.60786 AU	
inferior conj	-4110 Jun 18 j 15:55	23°♉02'56	-4°-17'-32	
minimum elong	-4110 Jun 18 j 16:49	23°♉00'59	4°17'23	
morning rise	-4110 Jun 25 j 22:42	18°♉15'00		
direct	-4110 Jun 28 j 10:39	17°♉50'11		
morning max el	-4110 Jul 05 j 13:34	21°♉19'54	18°06'19	
asc. node	-4110 Jul 08 j 21:00	25°♉08'16		
	-4110 Jul 12 j 04:42	0°♊		
morning set	-4110 Jul 21 j 12:48	16°♊32'51		
	-4110 Jul 28 j 19:53	0°♋		
superior conj	-4110 Jul 31 j 14:17	4°♋58'01	1°42'46	
minimum elong	-4110 Jul 31 j 17:15	5°♋11'11	1°42'47	
max. Earth dist.	-4110 Aug 08 j 03:30	18°♋00'35	1.41570 AU	
evening rise	-4110 Aug 13 j 21:51	27°♋28'32		
	-4110 Aug 15 j 11:45	0°♌		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4110 Aug 20 j 09:48	7°♌41'40	
	-4110 Sep 04 j 16:29	0°♍	
greatest brilliancy	-4110 Sep 11 j 08:35	8°♍40'15	-0.3m
evening max el	-4110 Sep 16 j 02:24	13°♍59'46	22°29'51
retrograde	-4110 Sep 25 j 17:46	19°♍43'04	
evening set	-4110 Sep 30 j 07:20	17°♍52'56	
asc. node	-4110 Oct 04 j 20:03	12°♍41'53	
inferior conj	-4110 Oct 05 j 15:46	11°♍34'01	0°16'52
minimum elong	-4110 Oct 05 j 15:23	11°♍35'23	0°16'47
min. Earth dist.	-4110 Oct 05 j 14:42	11°♍37'43	0.67414 AU
morning rise	-4110 Oct 10 j 23:19	5°♍18'10	
direct	-4110 Oct 15 j 11:10	3°♍29'51	
morning max el	-4110 Oct 24 j 21:13	9°♍05'51	22°16'00
greatest brilliancy	-4110 Oct 29 j 14:43	14°♍26'48	-0.3m
	-4110 Nov 10 j 02:05	0°♎	
desc. node	-4110 Nov 16 j 09:39	9°♎20'17	
morning set	-4110 Nov 26 j 21:23	25°♎42'26	
	-4110 Nov 29 j 12:38	0°♏	
max. Earth dist.	-4110 Dec 02 j 16:29	5°♏15'18	1.40985 AU
superior conj	-4110 Dec 10 j 10:17	18°♏39'35	-1°-53'-10
minimum elong	-4110 Dec 10 j 08:40	18°♏32'24	1°53'17
	-4110 Dec 16 j 15:51	0°♐	
evening rise	-4110 Dec 20 j 16:33	7°♐30'33	
asc. node	-4110 Dec 31 j 18:57	26°♐59'58	
	-4109 Jan 02 j 22:01	0°♑	
evening max el	-4109 Jan 05 j 22:37	3°♑29'13	18°16'13
retrograde	-4109 Jan 13 j 01:26	7°♑02'47	
evening set	-4109 Jan 15 j 14:31	6°♑36'26	
inferior conj	-4109 Jan 22 j 16:57	1°♑51'02	4°00'51
minimum elong	-4109 Jan 22 j 18:00	1°♑48'45	4°00'38
	-4109 Jan 24 j 19:51	30℞♐	
min. Earth dist.	-4109 Jan 26 j 00:30	28°♐59'27	0.59919 AU
morning rise	-4109 Jan 29 j 18:30	26°♐17'20	
direct	-4109 Feb 05 j 09:38	24°♐17'46	
desc. node	-4109 Feb 12 j 09:05	26°♐19'07	
	-4109 Feb 17 j 12:19	0°♑	
morning max el	-4109 Feb 19 j 14:21	1°♑55'13	27°11'02
	-4109 Mar 11 j 22:04	0°♒	
morning set	-4109 Mar 22 j 11:59	20°♒14'28	
	-4109 Mar 27 j 02:05	0°♓	
max. Earth dist.	-4109 Mar 29 j 04:49	4°♓36'27	1.32571 AU
superior conj	-4109 Mar 29 j 15:29	5°♓34'51	0°-1'-16
minimum elong	-4109 Mar 29 j 15:33	5°♓35'10	0°01'21
behind sun begin	-4109 Mar 29 j 10:33	5°♓07'50	
behind sun end	-4109 Mar 29 j 20:32	6°♓02'30	
asc. node	-4109 Mar 29 j 18:24	5°♓50'47	
evening rise	-4109 Apr 05 j 15:44	20°♓43'30	
	-4109 Apr 10 j 05:28	0°♈	
	-4109 Apr 29 j 05:47	0°♉	
evening max el	-4109 May 03 j 17:50	4°♉49'06	25°54'49
desc. node	-4109 May 11 j 07:46	10°♉24'47	
retrograde	-4109 May 17 j 19:52	12°♉04'32	
evening set	-4109 May 23 j 17:52	10°♉39'42	
min. Earth dist.	-4109 May 28 j 06:19	7°♉56'23	0.58744 AU
inferior conj	-4109 May 31 j 14:24	5°♉28'28	-4°-10'-8
minimum elong	-4109 May 31 j 11:58	5°♉33'00	4°09'50
morning rise	-4109 Jun 08 j 09:58	1°♉02'52	
direct	-4109 Jun 10 j 21:21	0°♉42'31	
morning max el	-4109 Jun 18 j 21:18	4°♉29'54	18°36'05
asc. node	-4109 Jun 25 j 18:02	13°♉20'20	
	-4109 Jul 04 j 23:10	0°♊	
morning set	-4109 Jul 05 j 02:56	0°♊18'10	
superior conj	-4109 Jul 14 j 02:31	17°♊31'19	1°49'11
minimum elong	-4109 Jul 14 j 02:50	17°♊32'49	1°49'21
	-4109 Jul 20 j 23:28	0°♋	
max. Earth dist.	-4109 Jul 21 j 06:53	0°♋32'33	1.39658 AU
evening rise	-4109 Jul 25 j 13:08	7°♋52'05	
desc. node	-4109 Aug 07 j 06:47	28°♋09'07	
	-4109 Aug 08 j 12:26	0°♌	
evening max el	-4109 Aug 29 j 15:08	27°♌26'20	23°50'33
	-4109 Sep 01 j 09:47	0°♍	
retrograde	-4109 Sep 09 j 09:33	3°♍47'26	
evening set	-4109 Sep 14 j 13:39	1°♍37'24	
	-4109 Sep 16 j 05:20	30℞♌	
inferior conj	-4109 Sep 19 j 22:11	25°♌16'37	0°-36'-36
minimum elong	-4109 Sep 19 j 23:02	25°♌13'42	0°36'09
min. Earth dist.	-4109 Sep 19 j 10:49	25°♌55'19	0.67354 AU
asc. node	-4109 Sep 21 j 17:10	22°♌53'26	
morning rise	-4109 Sep 25 j 08:35	19°♌05'22	
direct	-4109 Sep 29 j 07:00	17°♌37'49	
morning max el	-4109 Oct 07 j 15:16	22°♌32'07	20°56'36
greatest brilliancy	-4109 Oct 13 j 09:30	29°♌19'03	-0.5m
	-4109 Oct 13 j 22:03	0°♍	
desc. node	-4109 Nov 03 j 06:36	29°♍45'38	
	-4109 Nov 03 j 10:20	0°♎	
morning set	-4109 Nov 06 j 03:07	4°♎11'24	
max. Earth dist.	-4109 Nov 14 j 21:41	18°♎09'05	1.42794 AU
superior conj	-4109 Nov 21 j 16:33	29°♎23'34	-1°-39'-40
minimum elong	-4109 Nov 21 j 11:15	29°♎01'15	1°39'23
	-4109 Nov 22 j 01:10	0°♏	
evening rise	-4109 Dec 03 j 12:13	19°♏59'58	
	-4109 Dec 09 j 03:34	0°♐	
asc. node	-4109 Dec 18 j 16:01	14°♐40'34	
evening max el	-4109 Dec 20 j 09:39	16°♐35'18	18°07'52
retrograde	-4109 Dec 27 j 01:22	20°♐03'31	
evening set	-4109 Dec 29 j 17:08	19°♐30'02	
inferior conj	-4108 Jan 05 j 07:27	14°♐22'57	4°00'17
minimum elong	-4108 Jan 05 j 06:04	14°♐26'23	4°00'01
min. Earth dist.	-4108 Jan 08 j 05:10	11°♐30'28	0.61894 AU
morning rise	-4108 Jan 11 j 16:47	8°♐33'56	
direct	-4108 Jan 18 j 17:31	6°♐03'08	
desc. node	-4108 Jan 30 j 06:10	11°♐29'56	
morning max el	-4108 Feb 01 j 17:33	13°♐46'34	27°40'48
	-4108 Feb 14 j 19:59	0°♑	
	-4108 Mar 03 j 06:53	0°♒	
morning set	-4108 Mar 05 j 17:01	4°♒51'39	
max. Earth dist.	-4108 Mar 11 j 16:01	17°♒24'40	1.32786 AU
superior conj	-4108 Mar 13 j 02:05	20°♒29'15	0°-26'-21
minimum elong	-4108 Mar 13 j 03:16	20°♒35'40	0°26'15
asc. node	-4108 Mar 15 j 15:22	26°♒02'35	
	-4108 Mar 17 j 11:11	0°♓	
evening rise	-4108 Mar 20 j 03:04	5°♓40'56	
	-4108 Apr 02 j 03:27	0°♈	
evening max el	-4108 Apr 14 j 10:46	15°♈45'49	24°31'31
desc. node	-4108 Apr 27 j 04:54	22°♈44'56	
retrograde	-4108 Apr 28 j 09:23	22°♈48'11	
evening set	-4108 May 03 j 00:49	21°♈59'28	
min. Earth dist.	-4108 May 08 j 22:44	18°♈59'57	0.56902 AU
inferior conj	-4108 May 11 j 16:58	17°♈13'24	-3°-28'-32
minimum elong	-4108 May 11 j 11:31	17°♈22'15	3°27'23
morning rise	-4108 May 20 j 02:22	13°♈06'51	
direct	-4108 May 22 j 13:26	12°♈50'06	
morning max el	-4108 May 31 j 21:13	17°♈10'09	19°26'14
	-4108 Jun 10 j 09:02	0°♉	
asc. node	-4108 Jun 11 j 15:03	2°♉11'23	
morning set	-4108 Jun 18 j 02:10	14°♉32'42	
	-4108 Jun 25 j 19:59	0°♊	
superior conj	-4108 Jun 26 j 07:28	0°♊56'20	1°45'47

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4108 Jun	26 j 05:56	0♊48'47	1°45'52
max. Earth dist.	-4108 Jul	02 j 08:35	12°♊27'44	1.37727 AU
evening rise	-4108 Jul	06 j 06:13	19°♊31'41	
	-4108 Jul	12 j 08:44	0°♋	
desc. node	-4108 Jul	24 j 03:47	18°♋21'22	
	-4108 Aug	01 j 14:51	0°♌	
evening max el	-4108 Aug	11 j 01:49	10°♌55'37	25°08'22
retrograde	-4108 Aug	22 j 21:21	17°♌47'44	
evening set	-4108 Aug	28 j 16:31	15°♌19'33	
min. Earth dist.	-4108 Sep	02 j 04:36	10°♌13'24	0.66981 AU
inferior conj	-4108 Sep	03 j 02:49	9°♌00'23	-1°-29'-26
minimum elong	-4108 Sep	03 j 04:53	8°♌53'34	1°28'29
asc. node	-4108 Sep	07 j 14:16	3°♌49'57	
morning rise	-4108 Sep	08 j 17:42	2°♌56'50	
direct	-4108 Sep	12 j 04:49	1°♌47'21	
morning max el	-4108 Sep	19 j 16:31	6°♌06'47	19°48'45
greatest brilliancy	-4108 Sep	27 j 15:54	16°♌08'35	-0.6m
	-4108 Oct	06 j 23:53	0°♍	
morning set	-4108 Oct	15 j 01:54	12°♍27'11	
desc. node	-4108 Oct	20 j 03:32	20°♍20'49	
	-4108 Oct	26 j 06:41	0°♎	
max. Earth dist.	-4108 Oct	27 j 09:30	1°♎46'27	1.44106 AU
superior conj	-4108 Oct	31 j 19:17	8°♎50'17	-1°-9'-37
minimum elong	-4108 Oct	31 j 12:23	8°♎22'25	1°08'53
	-4108 Nov	13 j 14:11	0°♏	
evening rise	-4108 Nov	14 j 13:13	1°♏37'31	
evening max el	-4108 Dec	02 j 22:22	29°♏53'44	18°18'40
	-4108 Dec	03 j 00:51	0°♐	
asc. node	-4108 Dec	04 j 13:06	1°♐22'32	
retrograde	-4108 Dec	09 j 11:43	3°♐27'36	
evening set	-4108 Dec	12 j 07:14	2°♐45'36	
	-4108 Dec	15 j 22:59	30°℞♏	
inferior conj	-4108 Dec	18 j 11:53	27°♏18'46	3°40'31
minimum elong	-4108 Dec	18 j 09:08	27°♏26'27	3°39'53
min. Earth dist.	-4108 Dec	20 j 19:35	24°♏44'21	0.63655 AU
morning rise	-4108 Dec	24 j 09:27	21°♏18'44	
direct	-4108 Dec	31 j 09:28	18°♏31'01	
morning max el	-4107 Jan	14 j 01:17	26°♏15'01	27°34'22
desc. node	-4107 Jan	16 j 03:13	28°♏24'00	
	-4107 Jan	17 j 13:58	0°♐	
	-4107 Feb	07 j 08:16	0°♑	
morning set	-4107 Feb	17 j 15:13	19°♑04'52	
	-4107 Feb	22 j 23:07	0°♒	
max. Earth dist.	-4107 Feb	22 j 20:57	29°♑48'33	1.33387 AU
superior conj	-4107 Feb	25 j 09:52	5°♒11'40	0°-50'-55
minimum elong	-4107 Feb	25 j 12:05	5°♒23'27	0°50'40
asc. node	-4107 Mar	02 j 12:22	16°♒08'46	
evening rise	-4107 Mar	04 j 14:35	20°♒34'46	
	-4107 Mar	09 j 05:55	0°♓	
evening max el	-4107 Mar	27 j 03:08	26°♓28'48	22°57'40
	-4107 Mar	31 j 11:11	0°♈	
retrograde	-4107 Apr	09 j 10:09	3°♈00'52	
evening set	-4107 Apr	12 j 18:44	2°♈36'12	
desc. node	-4107 Apr	14 j 02:01	2°♈14'05	
	-4107 Apr	19 j 01:01	30°℞♓	
min. Earth dist.	-4107 Apr	20 j 13:22	29°♓08'46	0.55619 AU
inferior conj	-4107 Apr	22 j 00:34	28°♓17'40	-2°-6'-48
minimum elong	-4107 Apr	21 j 19:23	28°♓25'13	2°05'15
morning rise	-4107 Apr	30 j 22:48	24°♓20'18	
direct	-4107 May	03 j 11:41	24°♓04'56	
morning max el	-4107 May	14 j 10:56	29°♓11'59	20°36'23
	-4107 May	15 j 06:51	0°♈	
asc. node	-4107 May	29 j 12:03	21°♈31'58	
morning set	-4107 Jun	02 j 07:44	29°♈09'06	
	-4107 Jun	02 j 17:42	0°♉	
superior conj	-4107 Jun	10 j 00:23	14°♉59'15	1°35'07
minimum elong	-4107 Jun	09 j 21:53	14°♉46'34	1°35'01
max. Earth dist.	-4107 Jun	14 j 15:22	24°♉13'12	1.36006 AU
	-4107 Jun	17 j 15:38	0°♊	
evening rise	-4107 Jun	18 j 20:49	2°♊16'37	
	-4107 Jul	05 j 08:57	0°♋	
desc. node	-4107 Jul	11 j 00:49	8°♋11'33	
evening max el	-4107 Jul	24 j 12:43	24°♋26'44	26°15'17
	-4107 Jul	31 j 14:47	0°♌	
retrograde	-4107 Aug	06 j 04:25	1°♌38'46	
	-4107 Aug	11 j 04:59	30°℞♋	
evening set	-4107 Aug	12 j 13:53	28°♋57'09	
min. Earth dist.	-4107 Aug	16 j 17:42	24°♋29'12	0.66270 AU
inferior conj	-4107 Aug	18 j 03:51	22°♋43'06	-2°-19'-51
minimum elong	-4107 Aug	18 j 06:56	22°♋33'29	2°18'37
morning rise	-4107 Aug	24 j 00:48	16°♋50'30	
asc. node	-4107 Aug	25 j 11:22	16°♋11'21	
direct	-4107 Aug	27 j 02:58	15°♋55'46	
morning max el	-4107 Sep	03 j 00:19	19°♋48'35	18°55'33
	-4107 Sep	10 j 21:01	0°♌	
morning set	-4107 Sep	24 j 16:33	21°♌33'34	
	-4107 Sep	30 j 00:32	0°♍	
desc. node	-4107 Oct	07 j 00:27	11°♍01'57	
max. Earth dist.	-4107 Oct	10 j 02:02	15°♍51'52	1.44770 AU
superior conj	-4107 Oct	10 j 23:44	17°♍17'24	0°-24'-58
minimum elong	-4107 Oct	10 j 20:29	17°♍04'37	0°24'31
	-4107 Oct	19 j 00:13	0°♎	
evening rise	-4107 Oct	26 j 14:58	12°♎13'42	
	-4107 Nov	06 j 16:21	0°♏	
evening max el	-4107 Nov	16 j 10:04	13°♏18'06	18°47'28
asc. node	-4107 Nov	21 j 10:13	16°♏49'53	
retrograde	-4107 Nov	23 j 04:35	17°♏07'09	
evening set	-4107 Nov	26 j 05:31	16°♏14'37	
inferior conj	-4107 Dec	02 j 02:38	10°♏30'28	3°07'41
minimum elong	-4107 Dec	01 j 23:27	10°♏40'08	3°06'44
min. Earth dist.	-4107 Dec	03 j 19:40	8°♏26'03	0.65092 AU
morning rise	-4107 Dec	07 j 16:19	4°♏22'23	
direct	-4107 Dec	14 j 08:00	1°♏32'51	
morning max el	-4107 Dec	27 j 10:45	9°♏08'31	26°55'26
desc. node	-4106 Jan	03 j 00:15	16°♏30'28	
	-4106 Jan	12 j 21:25	0°♐	
	-4106 Jan	30 j 17:10	0°♑	
morning set	-4106 Feb	01 j 03:17	2°♑42'21	
max. Earth dist.	-4106 Feb	05 j 15:58	11°♑37'47	1.34416 AU
superior conj	-4106 Feb	09 j 12:44	19°♑34'11	-1°-13'-49
minimum elong	-4106 Feb	09 j 15:40	19°♑49'29	1°13'33
	-4106 Feb	14 j 11:43	0°♒	
evening rise	-4106 Feb	17 j 00:27	5°♒17'51	
asc. node	-4106 Feb	17 j 09:22	6°♒04'04	
	-4106 Mar	02 j 18:34	0°♓	
evening max el	-4106 Mar	09 j 01:00	7°♓24'00	21°26'55
retrograde	-4106 Mar	21 j 00:40	13°♓09'07	
evening set	-4106 Mar	23 j 14:07	12°♓54'15	
desc. node	-4106 Mar	31 j 23:10	9°♓24'24	
inferior conj	-4106 Apr	01 j 20:43	8°♓54'07	0°-14'-56
minimum elong	-4106 Apr	01 j 20:01	8°♓55'07	0°14'46
transit middle	-4106 Apr	01 j 20:01	8°♓55'07	0°14'46
transit begin	-4106 Apr	01 j 18:33	8°♓57'11	
transit end	-4106 Apr	01 j 21:30	8°♓53'02	
min. Earth dist.	-4106 Apr	02 j 03:25	8°♓44'41	0.55170 AU
morning rise	-4106 Apr	11 j 01:52	4°♓50'24	
direct	-4106 Apr	14 j 00:24	4°♓31'25	
morning max el	-4106 Apr	26 j 13:41	10°♓31'28	22°03'58
	-4106 May	10 j 13:37	0°♈	
asc. node	-4106 May	16 j 09:02	11°♈14'14	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4106 May 17 j 17:23	14°♈00'41	
superior conj	-4106 May 25 j 01:36	29°♈29'01	1°19'11
minimum elong	-4106 May 24 j 22:54	29°♈14'55	1°18'54
	-4106 May 25 j 07:30	0°♉	
max. Earth dist.	-4106 May 28 j 07:47	6°♉14'39	1.34615 AU
evening rise	-4106 Jun 02 j 03:30	15°♉51'26	
	-4106 Jun 09 j 19:56	0°♊	
desc. node	-4106 Jun 27 j 21:52	27°♊30'11	
	-4106 Jun 29 j 21:26	0°♋	
evening max el	-4106 Jul 07 j 00:16	7°♋52'25	27°03'06
retrograde	-4106 Jul 20 j 06:11	15°♋13'49	
evening set	-4106 Jul 27 j 03:17	12°♋26'53	
min. Earth dist.	-4106 Jul 30 j 23:41	8°♋37'31	0.65190 AU
inferior conj	-4106 Aug 01 j 23:10	6°♋21'11	-3°-5'-42
minimum elong	-4106 Aug 02 j 02:52	6°♋10'31	3°04'29
morning rise	-4106 Aug 08 j 03:43	0°♋42'59	
direct	-4106 Aug 10 j 23:17	29°♊59'47	
	-4106 Aug 10 j 18:25	30°℞♊	
	-4106 Aug 11 j 04:09	0°♋	
asc. node	-4106 Aug 12 j 08:28	0°♋10'08	
morning max el	-4106 Aug 17 j 12:50	3°♋34'24	18°18'45
	-4106 Sep 04 j 05:16	0°♌	
morning set	-4106 Sep 05 j 10:08	1°♌59'10	
superior conj	-4106 Sep 20 j 00:41	25°♌39'23	0°24'21
minimum elong	-4106 Sep 20 j 03:42	25°♌51'23	0°24'04
	-4106 Sep 22 j 18:28	0°♍	
max. Earth dist.	-4106 Sep 22 j 20:29	0°♍07'56	1.44707 AU
desc. node	-4106 Sep 23 j 21:23	1°♍46'14	
evening rise	-4106 Oct 06 j 16:00	21°♍47'15	
	-4106 Oct 11 j 22:26	0°♎	
greatest brilliancy	-4106 Oct 22 j 00:22	15°♎22'47	-0.7m
evening max el	-4106 Oct 30 j 18:22	26°♎44'56	19°32'50
	-4106 Nov 03 j 17:55	0°♏	
retrograde	-4106 Nov 07 j 00:54	0°♏57'46	
asc. node	-4106 Nov 08 j 07:21	0°♏48'27	
evening set	-4106 Nov 10 j 09:17	29°♎52'16	
	-4106 Nov 10 j 04:23	30°℞♎	
inferior conj	-4106 Nov 16 j 00:43	23°♎53'50	2°26'04
minimum elong	-4106 Nov 15 j 21:50	24°♎03'13	2°25'02
min. Earth dist.	-4106 Nov 17 j 04:14	22°♎24'43	0.66169 AU
morning rise	-4106 Nov 21 j 09:39	17°♎40'01	
direct	-4106 Nov 27 j 12:15	15°♎00'41	
morning max el	-4106 Dec 09 j 20:05	22°♎16'27	25°51'19
	-4106 Dec 16 j 15:57	0°♏	
desc. node	-4106 Dec 20 j 21:16	5°♏28'12	
	-4105 Jan 06 j 03:49	0°♐	
morning set	-4105 Jan 15 j 00:53	15°♐31'11	
max. Earth dist.	-4105 Jan 18 j 23:32	22°♐55'48	1.35892 AU
	-4105 Jan 22 j 14:21	0°♑	
superior conj	-4105 Jan 24 j 08:08	3°♑29'08	-1°-33'-32
minimum elong	-4105 Jan 24 j 11:14	3°♑44'46	1°33'23
evening rise	-4105 Feb 01 j 06:48	19°♑44'13	
asc. node	-4105 Feb 04 j 06:24	25°♑43'31	
	-4105 Feb 06 j 11:37	0°♒	
evening max el	-4105 Feb 19 j 08:28	18°♒49'50	20°09'11
retrograde	-4105 Mar 01 j 16:11	23°♒43'45	
evening set	-4105 Mar 03 j 23:50	23°♒30'00	
inferior conj	-4105 Mar 12 j 19:04	19°♒30'26	1°37'42
minimum elong	-4105 Mar 12 j 23:02	19°♒24'28	1°36'18
min. Earth dist.	-4105 Mar 14 j 17:25	18°♒20'57	0.55649 AU
desc. node	-4105 Mar 18 j 20:19	16°♒09'08	
morning rise	-4105 Mar 21 j 19:39	15°♒03'48	
direct	-4105 Mar 25 j 15:36	14°♒31'38	
morning max el	-4105 Apr 08 j 07:51	21°♒17'41	23°42'05
	-4105 Apr 15 j 19:13	0°♓	
morning set	-4105 May 02 j 05:10	29°♓01'05	
	-4105 May 02 j 16:23	0°♈	
asc. node	-4105 May 03 j 06:01	1°♈11'53	
superior conj	-4105 May 09 j 08:21	14°♈16'49	0°59'30
minimum elong	-4105 May 09 j 06:01	14°♈04'22	0°59'07
max. Earth dist.	-4105 May 11 j 09:56	18°♈41'30	1.33592 AU
evening rise	-4105 May 16 j 21:42	0°♉02'08	
	-4105 May 16 j 21:16	0°♉	
	-4105 Jun 02 j 21:08	0°♊	
desc. node	-4105 Jun 14 j 18:59	16°♊03'27	
evening max el	-4105 Jun 19 j 10:53	21°♊00'02	27°24'41
retrograde	-4105 Jul 03 j 02:13	28°♊24'05	
evening set	-4105 Jul 10 j 05:32	25°♊43'21	
min. Earth dist.	-4105 Jul 13 j 20:35	22°♊28'45	0.63730 AU
inferior conj	-4105 Jul 16 j 10:10	19°♊48'47	-3°-44'-2
minimum elong	-4105 Jul 16 j 13:44	19°♊39'28	3°43'09
morning rise	-4105 Jul 22 j 23:48	14°♊28'18	
direct	-4105 Jul 25 j 14:57	13°♊53'53	
asc. node	-4105 Jul 30 j 05:32	15°♊38'46	
morning max el	-4105 Aug 01 j 03:36	17°♊19'01	17°59'23
	-4105 Aug 10 j 06:03	0°♋	
morning set	-4105 Aug 18 j 05:27	13°♋37'51	
	-4105 Aug 27 j 20:01	0°♌	
superior conj	-4105 Aug 30 j 19:40	4°♌56'34	1°05'58
minimum elong	-4105 Aug 31 j 01:29	5°♌20'27	1°05'28
max. Earth dist.	-4105 Sep 05 j 13:02	14°♌13'34	1.43930 AU
desc. node	-4105 Sep 10 j 18:20	22°♌30'11	
evening rise	-4105 Sep 15 j 22:51	0°♍35'00	
	-4105 Sep 15 j 13:48	0°♍	
	-4105 Oct 05 j 16:37	0°♎	
greatest brilliancy	-4105 Oct 07 j 16:27	2°♎42'51	-0.5m
evening max el	-4105 Oct 13 j 21:18	10°♎11'12	20°32'56
retrograde	-4105 Oct 21 j 22:13	14°♎55'38	
evening set	-4105 Oct 25 j 16:11	13°♎34'37	
asc. node	-4105 Oct 26 j 04:29	13°♎10'52	
inferior conj	-4105 Oct 31 j 03:39	7°♎25'16	1°38'34
minimum elong	-4105 Oct 31 j 01:31	7°♎32'30	1°37'44
min. Earth dist.	-4105 Oct 31 j 19:12	6°♎32'40	0.66897 AU
morning rise	-4105 Nov 05 j 10:23	1°♎08'17	
	-4105 Nov 06 j 22:29	30°℞♍	
direct	-4105 Nov 10 j 21:50	28°♍46'32	
	-4105 Nov 15 j 06:46	0°♎	
morning max el	-4105 Nov 22 j 04:55	5°♎30'20	24°31'16
desc. node	-4105 Dec 07 j 18:15	25°♎02'06	
	-4105 Dec 11 j 04:11	0°♏	
morning set	-4105 Dec 28 j 02:24	27°♏16'06	
	-4105 Dec 29 j 15:37	0°♐	
max. Earth dist.	-4105 Dec 31 j 21:56	4°♐03'44	1.37747 AU
superior conj	-4104 Jan 07 j 16:46	16°♐47'10	-1°-48'00
minimum elong	-4104 Jan 07 j 19:06	16°♐58'28	1°48'04
	-4104 Jan 14 j 09:40	0°♑	
evening rise	-4104 Jan 16 j 07:26	3°♑47'33	
asc. node	-4104 Jan 22 j 03:28	15°♑01'08	
	-4104 Feb 01 j 05:41	0°♒	
evening max el	-4104 Feb 02 j 02:26	0°♒51'52	19°09'40
retrograde	-4104 Feb 10 j 20:42	5°♒03'00	
evening set	-4104 Feb 13 j 05:25	4°♒46'02	
inferior conj	-4104 Feb 21 j 08:12	0°♒33'31	3°02'19
minimum elong	-4104 Feb 21 j 13:05	0°♒25'08	3°01'02
	-4104 Feb 22 j 03:39	30°℞♑	
min. Earth dist.	-4104 Feb 24 j 08:35	28°♑30'08	0.56938 AU
morning rise	-4104 Feb 29 j 16:58	25°♑36'35	
desc. node	-4104 Mar 04 j 17:28	24°♑39'31	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4104 Mar 05 j 18:15	24°♉36'59	
	-4104 Mar 17 j 20:29	0°♒	
morning max el	-4104 Mar 19 j 22:54	1°♒53'54	25°18'27
	-4104 Apr 08 j 15:17	0°♓	
morning set	-4104 Apr 15 j 17:25	14°♓04'27	
asc. node	-4104 Apr 19 j 03:01	21°♓19'58	
superior conj	-4104 Apr 22 j 18:30	29°♓15'41	0°37'10
minimum elong	-4104 Apr 22 j 16:56	29°♓07'08	0°36'49
	-4104 Apr 23 j 02:39	0°♈	
max. Earth dist.	-4104 Apr 23 j 19:14	1°♈30'06	1.32927 AU
evening rise	-4104 Apr 29 j 23:54	14°♈37'55	
	-4104 May 07 j 22:38	0°♉	
	-4104 May 28 j 06:22	0°♊	
desc. node	-4104 May 31 j 16:06	3°♊32'18	
evening max el	-4104 May 31 j 18:15	3°♊37'28	27°14'59
retrograde	-4104 Jun 14 j 15:56	11°♊00'45	
evening set	-4104 Jun 21 j 16:52	8°♊40'25	
min. Earth dist.	-4104 Jun 25 j 07:38	5°♊50'25	0.61929 AU
inferior conj	-4104 Jun 28 j 09:47	2°♊59'28	-4°-10'-23
minimum elong	-4104 Jun 28 j 12:05	2°♊54'08	4°10'00
	-4104 Jul 01 j 21:19	30°℞♉	
morning rise	-4104 Jul 05 j 09:57	27°♉59'23	
direct	-4104 Jul 07 j 22:33	27°♉31'38	
	-4104 Jul 13 j 16:57	0°♊	
morning max el	-4104 Jul 14 j 17:54	0°♊56'39	17°58'18
asc. node	-4104 Jul 16 j 02:35	2°♊22'58	
morning set	-4104 Jul 30 j 21:20	26°♊15'38	
	-4104 Aug 01 j 22:52	0°♋	
superior conj	-4104 Aug 10 j 18:04	15°♋35'32	1°33'28
minimum elong	-4104 Aug 10 j 22:35	15°♋54'59	1°33'17
max. Earth dist.	-4104 Aug 18 j 00:26	27°♋49'17	1.42555 AU
	-4104 Aug 19 j 08:23	0°♌	
evening rise	-4104 Aug 25 j 05:07	9°♌23'10	
desc. node	-4104 Aug 27 j 15:18	13°♌10'39	
	-4104 Sep 07 j 18:45	0°♍	
greatest brilliancy	-4104 Sep 20 j 20:05	17°♍59'30	-0.4m
evening max el	-4104 Sep 25 j 17:57	23°♍36'17	21°44'51
retrograde	-4104 Oct 04 j 18:30	28°♍57'56	
evening set	-4104 Oct 09 j 00:15	27°♍19'02	
asc. node	-4104 Oct 12 j 01:36	24°♍08'36	
inferior conj	-4104 Oct 14 j 09:20	21°♍02'28	0°47'22
minimum elong	-4104 Oct 14 j 08:15	21°♍06'12	0°46'57
min. Earth dist.	-4104 Oct 14 j 14:11	20°♍45'45	0.67307 AU
morning rise	-4104 Oct 19 j 16:01	14°♍45'06	
direct	-4104 Oct 24 j 12:09	12°♍44'21	
morning max el	-4104 Nov 03 j 14:50	18°♍46'38	23°04'55
greatest brilliancy	-4104 Nov 08 j 15:01	24°♍24'44	-0.3m
	-4104 Nov 13 j 00:04	0°♎	
desc. node	-4104 Nov 23 j 15:13	15°♎01'33	
	-4104 Dec 03 j 08:21	0°♏	
morning set	-4104 Dec 08 j 01:44	7°♏41'31	
max. Earth dist.	-4104 Dec 12 j 17:43	15°♏34'56	1.39806 AU
superior conj	-4104 Dec 20 j 10:11	29°♏16'16	-1°-54'-28
minimum elong	-4104 Dec 20 j 10:25	29°♏17'23	1°54'38
	-4104 Dec 20 j 19:41	0°♐	
evening rise	-4104 Dec 29 j 23:35	17°♐20'18	
	-4103 Jan 05 j 18:47	0°♉	
asc. node	-4103 Jan 08 j 00:33	3°♉48'54	
evening max el	-4103 Jan 15 j 05:11	13°♉25'07	18°29'59
retrograde	-4103 Jan 22 j 19:14	17°♉07'54	
evening set	-4103 Jan 25 j 06:43	16°♉45'24	
inferior conj	-4103 Feb 01 j 17:24	12°♉13'05	3°49'13
minimum elong	-4103 Feb 01 j 20:07	12°♉07'40	3°48'45
min. Earth dist.	-4103 Feb 05 j 02:42	9°♉32'09	0.58762 AU
morning rise	-4103 Feb 09 j 05:59	6°♉50'35	
direct	-4103 Feb 15 j 10:13	5°♉12'42	
desc. node	-4103 Feb 19 j 14:34	5°♉56'12	
morning max el	-4103 Mar 01 j 16:29	12°♉45'50	26°37'58
	-4103 Mar 15 j 06:21	0°♒	
morning set	-4103 Mar 31 j 04:21	29°♒02'58	
	-4103 Mar 31 j 15:14	0°♓	
asc. node	-4103 Apr 06 j 00:00	11°♓32'51	
superior conj	-4103 Apr 07 j 06:07	14°♓17'39	0°13'05
minimum elong	-4103 Apr 07 j 05:33	14°♓14'30	0°12'54
behind sun begin	-4103 Apr 07 j 02:39	13°♓58'40	
behind sun end	-4103 Apr 07 j 08:26	14°♓30'20	
max. Earth dist.	-4103 Apr 07 j 08:08	14°♓28'37	1.32604 AU
evening rise	-4103 Apr 14 j 07:18	29°♓28'10	
	-4103 Apr 14 j 13:25	0°♈	
	-4103 May 01 j 06:10	0°♉	
evening max el	-4103 May 13 j 20:16	15°♉35'04	26°32'39
desc. node	-4103 May 18 j 13:12	19°♉29'03	
retrograde	-4103 May 27 j 22:01	22°♉54'40	
evening set	-4103 Jun 03 j 09:04	21°♉07'50	
min. Earth dist.	-4103 Jun 07 j 09:34	18°♉26'42	0.59911 AU
inferior conj	-4103 Jun 10 j 18:27	15°♉44'03	-4°-17'-57
minimum elong	-4103 Jun 10 j 18:02	15°♉44'52	4°17'50
morning rise	-4103 Jun 18 j 06:31	11°♉05'45	
direct	-4103 Jun 20 j 17:59	10°♉43'05	
morning max el	-4103 Jun 28 j 04:50	14°♉19'01	18°16'29
asc. node	-4103 Jul 02 j 23:37	20°♉06'44	
	-4103 Jul 08 j 23:51	0°♊	
morning set	-4103 Jul 14 j 04:35	9°♊39'10	
superior conj	-4103 Jul 23 j 18:00	27°♊30'52	1°46'52
minimum elong	-4103 Jul 23 j 19:47	27°♊38'57	1°46'59
	-4103 Jul 25 j 03:00	0°♋	
max. Earth dist.	-4103 Jul 31 j 05:57	10°♋43'50	1.40772 AU
evening rise	-4103 Aug 05 j 05:32	19°♋03'48	
	-4103 Aug 12 j 02:05	0°♌	
desc. node	-4103 Aug 14 j 12:16	3°♌44'01	
	-4103 Sep 02 j 04:38	0°♍	
greatest brilliancy	-4103 Sep 03 j 02:16	1°♍06'30	-0.3m
evening max el	-4103 Sep 08 j 09:05	7°♍02'03	23°04'10
retrograde	-4103 Sep 18 j 12:13	13°♍02'15	
evening set	-4103 Sep 23 j 07:41	11°♍03'53	
inferior conj	-4103 Sep 28 j 15:58	4°♍43'43	0°-5'-45
minimum elong	-4103 Sep 28 j 16:06	4°♍43'17	0°05'38
transit middle	-4103 Sep 28 j 16:06	4°♍43'17	0°05'38
transit begin	-4103 Sep 28 j 13:34	4°♍52'01	
transit end	-4103 Sep 28 j 18:38	4°♍34'33	
min. Earth dist.	-4103 Sep 28 j 10:37	5°♍02'09	0.67418 AU
asc. node	-4103 Sep 28 j 22:43	4°♍20'31	
	-4103 Oct 02 j 09:28	30°℞♌	
morning rise	-4103 Oct 04 j 00:29	28°♌29'12	
direct	-4103 Oct 08 j 06:25	26°♌49'47	
	-4103 Oct 14 j 22:32	0°♍	
morning max el	-4103 Oct 17 j 05:00	2°♍07'50	21°41'04
greatest brilliancy	-4103 Oct 22 j 05:43	7°♍54'05	-0.4m
	-4103 Nov 06 j 23:41	0°♎	
desc. node	-4103 Nov 10 j 12:09	5°♎19'11	
morning set	-4103 Nov 17 j 20:32	16°♎45'17	
max. Earth dist.	-4103 Nov 24 j 18:20	27°♎56'47	1.41795 AU
	-4103 Nov 26 j 00:00	0°♏	
superior conj	-4103 Dec 02 j 06:58	10°♏43'13	-1°-49'-22
minimum elong	-4103 Dec 02 j 03:48	10°♏29'22	1°49'21
evening rise	-4103 Dec 13 j 03:53	0°♐15'22	
	-4103 Dec 13 j 00:32	0°♐	
asc. node	-4103 Dec 25 j 21:37	21°♐57'39	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4103 Dec 29 j 14:08	26°♐22'18	18°10'20
retrograde	-4102 Jan 05 j 10:54	29°♐51'42	
evening set	-4102 Jan 08 j 01:09	29°♐22'25	
inferior conj	-4102 Jan 14 j 22:08	24°♐27'56	4°03'25
minimum elong	-4102 Jan 14 j 22:03	24°♐28'09	4°03'15
min. Earth dist.	-4102 Jan 18 j 02:30	21°♐33'08	0.60777 AU
morning rise	-4102 Jan 21 j 16:17	18°♐47'19	
direct	-4102 Jan 28 j 13:08	16°♐32'43	
desc. node	-4102 Feb 06 j 11:40	19°♐51'37	
morning max el	-4102 Feb 11 j 15:55	24°♐13'10	27°27'59
	-4102 Feb 16 j 22:36	0°♑	
	-4102 Mar 08 j 10:43	0°♒	
morning set	-4102 Mar 15 j 12:07	13°♒50'06	
max. Earth dist.	-4102 Mar 21 j 21:03	27°♒24'41	1.32623 AU
superior conj	-4102 Mar 22 j 17:35	29°♒16'43	0°-11'-54
minimum elong	-4102 Mar 22 j 18:08	29°♒19'39	0°11'54
behind sun begin	-4102 Mar 22 j 14:47	29°♒01'25	
behind sun end	-4102 Mar 22 j 21:28	29°♒37'53	
	-4102 Mar 23 j 01:31	0°♓	
asc. node	-4102 Mar 23 j 21:00	1°♓46'25	
evening rise	-4102 Mar 29 j 17:46	14°♓25'19	
	-4102 Apr 06 j 15:11	0°♈	
evening max el	-4102 Apr 25 j 16:14	26°♈51'53	25°21'34
	-4102 Apr 29 j 08:28	0°♉	
desc. node	-4102 May 05 j 10:20	3°♉18'56	
retrograde	-4102 May 09 j 17:56	4°♉02'37	
evening set	-4102 May 15 j 03:33	2°♉54'22	
min. Earth dist.	-4102 May 20 j 04:38	0°♉05'33	0.57920 AU
	-4102 May 20 j 07:56	30°♈℞	
inferior conj	-4102 May 23 j 08:40	27°♈53'18	-3°-57'-14
minimum elong	-4102 May 23 j 04:45	28°♈00'10	3°56'39
morning rise	-4102 May 31 j 10:00	23°♈36'03	
direct	-4102 Jun 02 j 21:10	23°♈17'22	
morning max el	-4102 Jun 11 j 09:28	27°♈17'06	18°54'49
	-4102 Jun 13 j 22:27	0°♉	
asc. node	-4102 Jun 19 j 20:38	8°♉36'40	
morning set	-4102 Jun 27 j 22:58	23°♉37'52	
	-4102 Jul 01 j 04:43	0°♊	
superior conj	-4102 Jul 06 j 13:56	10°♊27'30	1°48'46
minimum elong	-4102 Jul 06 j 13:21	10°♊24'42	1°48'56
max. Earth dist.	-4102 Jul 13 j 08:02	22°♊58'18	1.38828 AU
evening rise	-4102 Jul 17 j 08:06	0°♋00'23	
	-4102 Jul 17 j 08:00	0°♋	
desc. node	-4102 Aug 01 j 09:15	24°♋05'39	
	-4102 Aug 05 j 10:41	0°♌	
evening max el	-4102 Aug 21 j 20:45	20°♌30'09	24°24'37
retrograde	-4102 Sep 02 j 02:13	27°♌05'01	
evening set	-4102 Sep 07 j 12:43	24°♌47'08	
inferior conj	-4102 Sep 12 j 21:48	18°♌26'52	0°-59'-12
minimum elong	-4102 Sep 12 j 23:11	18°♌22'13	0°58'31
min. Earth dist.	-4102 Sep 12 j 06:01	19°♌19'58	0.67233 AU
asc. node	-4102 Sep 15 j 19:49	14°♌44'21	
morning rise	-4102 Sep 18 j 09:54	12°♌18'27	
direct	-4102 Sep 22 j 03:21	10°♌58'44	
morning max el	-4102 Sep 30 j 01:56	15°♌36'55	20°26'08
greatest brilliancy	-4102 Oct 06 j 14:45	23°♌30'23	-0.5m
	-4102 Oct 11 j 06:18	0°♍	
morning set	-4102 Oct 27 j 20:16	24°♍59'26	
desc. node	-4102 Oct 28 j 09:02	25°♍48'58	
	-4102 Oct 31 j 01:25	0°♎	
max. Earth dist.	-4102 Nov 07 j 02:44	11°♎11'38	1.43425 AU
superior conj	-4102 Nov 13 j 01:37	20°♎54'11	-1°-29'-1
minimum elong	-4102 Nov 12 j 19:09	20°♎27'27	1°28'29
	-4102 Nov 18 j 11:48	0°♏	
evening rise	-4102 Nov 25 j 16:06	12°♏23'26	
	-4102 Dec 05 j 23:36	0°♐	
asc. node	-4102 Dec 12 j 18:42	9°♐15'03	
evening max el	-4102 Dec 13 j 02:15	9°♐34'26	18°10'12
retrograde	-4102 Dec 19 j 15:46	13°♐03'30	
evening set	-4102 Dec 22 j 09:06	12°♐26'25	
inferior conj	-4102 Dec 28 j 19:00	7°♐10'30	3°53'49
minimum elong	-4102 Dec 28 j 16:54	7°♐15'59	3°53'25
min. Earth dist.	-4102 Dec 31 j 10:55	4°♐24'08	0.62683 AU
morning rise	-4101 Jan 03 j 22:50	1°♐16'40	
	-4101 Jan 05 j 21:58	30°♑℞	
direct	-4101 Jan 11 j 00:29	28°♏37'00	
	-4101 Jan 16 j 11:26	0°♐	
desc. node	-4101 Jan 24 j 08:43	5°♐50'13	
morning max el	-4101 Jan 24 j 21:11	6°♐20'29	27°42'23
	-4101 Feb 11 j 22:03	0°♑	
morning set	-4101 Feb 27 j 14:35	28°♑18'04	
	-4101 Feb 28 j 10:40	0°♒	
max. Earth dist.	-4101 Mar 05 j 06:10	10°♒04'37	1.32999 AU
superior conj	-4101 Mar 07 j 03:13	14°♒06'49	0°-36'-54
minimum elong	-4101 Mar 07 j 04:52	14°♒15'40	0°36'43
asc. node	-4101 Mar 10 j 18:00	21°♒56'34	
evening rise	-4101 Mar 14 j 05:24	29°♒22'18	
	-4101 Mar 14 j 12:35	0°♓	
	-4101 Mar 31 j 16:05	0°♈	
evening max el	-4101 Apr 07 j 08:18	7°♈40'01	23°52'00
retrograde	-4101 Apr 21 j 01:39	14°♈31'11	
desc. node	-4101 Apr 22 j 07:28	14°♈27'42	
evening set	-4101 Apr 25 j 03:31	13°♈54'27	
min. Earth dist.	-4101 May 01 j 19:47	10°♈44'45	0.56276 AU
inferior conj	-4101 May 04 j 02:47	9°♈20'47	-2°-58'-43
minimum elong	-4101 May 03 j 20:52	9°♈29'51	2°57'13
morning rise	-4101 May 12 j 17:58	5°♈19'46	
direct	-4101 May 15 j 05:36	5°♈03'50	
morning max el	-4101 May 25 j 05:13	9°♈41'59	19°53'42
asc. node	-4101 Jun 06 j 17:39	27°♈41'48	
	-4101 Jun 07 j 23:02	0°♉	
morning set	-4101 Jun 12 j 01:16	8°♉03'30	
superior conj	-4101 Jun 20 j 00:33	24°♉10'50	1°42'01
minimum elong	-4101 Jun 19 j 22:30	24°♉00'37	1°42'02
	-4101 Jun 22 j 23:30	0°♊	
max. Earth dist.	-4101 Jun 25 j 11:41	4°♊48'33	1.36963 AU
evening rise	-4101 Jun 29 j 11:03	12°♊10'08	
	-4101 Jul 09 j 22:00	0°♋	
desc. node	-4101 Jul 19 j 06:17	14°♋10'06	
	-4101 Jul 31 j 12:16	0°♌	
evening max el	-4101 Aug 04 j 07:26	4°♌01'22	25°38'36
retrograde	-4101 Aug 16 j 11:54	11°♌02'41	
evening set	-4101 Aug 22 j 13:31	8°♌27'54	
min. Earth dist.	-4101 Aug 26 j 21:59	3°♌38'03	0.66728 AU
inferior conj	-4101 Aug 28 j 01:09	2°♌10'45	-1°-51'-13
minimum elong	-4101 Aug 28 j 03:41	2°♌02'35	1°50'07
	-4101 Aug 29 j 18:48	30°♋℞	
morning rise	-4101 Sep 02 j 18:27	26°♋11'40	
asc. node	-4101 Sep 02 j 16:55	26°♋14'09	
direct	-4101 Sep 06 j 01:32	25°♋08'50	
morning max el	-4101 Sep 13 j 06:12	29°♋15'25	19°24'15
	-4101 Sep 13 j 23:09	0°♌	
greatest brilliancy	-4101 Sep 22 j 23:08	11°♌57'18	-0.7m
	-4101 Oct 04 j 17:24	0°♍	
morning set	-4101 Oct 06 j 23:29	3°♍30'52	
desc. node	-4101 Oct 15 j 05:58	16°♍27'12	
max. Earth dist.	-4101 Oct 20 j 17:26	25°♍05'07	1.44479 AU
superior conj	-4101 Oct 23 j 17:19	29°♍50'31	0°-52'-2

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4101 Oct 23 j 11:17	29°♍26'29	0°51'19
	-4101 Oct 23 j 19:42	0°♎	
evening rise	-4101 Nov 07 j 07:41	23°♎35'52	
	-4101 Nov 11 j 04:07	0°♏	
evening max el	-4101 Nov 26 j 14:46	22°♏55'21	18°28'45
asc. node	-4101 Nov 29 j 15:48	25°♏27'01	
retrograde	-4101 Dec 03 j 05:26	26°♏34'47	
evening set	-4101 Dec 06 j 03:03	25°♏48'29	
inferior conj	-4101 Dec 12 j 04:13	20°♏13'35	3°27'53
minimum elong	-4101 Dec 12 j 01:10	20°♏22'25	3°27'06
min. Earth dist.	-4101 Dec 14 j 05:29	17°♏51'10	0.64307 AU
morning rise	-4101 Dec 17 j 21:59	14°♏09'44	
direct	-4101 Dec 24 j 19:01	11°♏19'53	
morning max el	-4100 Jan 07 j 06:09	19°♏01'24	27°21'31
desc. node	-4100 Jan 11 j 05:45	23°♏17'55	
	-4100 Jan 16 j 15:36	0°♐	
	-4100 Feb 04 j 19:57	0°♑	
morning set	-4100 Feb 11 j 08:57	12°♑17'32	
max. Earth dist.	-4100 Feb 16 j 07:33	22°♑15'41	1.33770 AU
superior conj	-4100 Feb 19 j 09:10	28°♑41'25	-1°00'-55
minimum elong	-4100 Feb 19 j 11:44	28°♑55'01	1°00'39
	-4100 Feb 19 j 23:59	0°♒	
asc. node	-4100 Feb 25 j 15:01	11°♒58'47	
evening rise	-4100 Feb 26 j 16:27	14°♒12'27	
	-4100 Mar 05 j 18:17	0°♓	
evening max el	-4100 Mar 19 j 02:08	18°♓24'37	22°17'56
retrograde	-4100 Mar 31 j 21:34	24°♓38'55	
evening set	-4100 Apr 03 j 20:17	24°♓19'45	
desc. node	-4100 Apr 08 j 04:38	22°♓49'35	
min. Earth dist.	-4100 Apr 12 j 09:49	20°♓36'28	0.55313 AU
inferior conj	-4100 Apr 13 j 04:08	20°♓10'31	-1°-21'-37
minimum elong	-4100 Apr 13 j 00:28	20°♓15'43	1°20'28
morning rise	-4100 Apr 22 j 06:28	16°♓13'08	
direct	-4100 Apr 24 j 22:02	15°♓57'10	
morning max el	-4100 May 06 j 14:19	21°♓26'15	21°11'53
	-4100 May 13 j 17:58	0°♈	
asc. node	-4100 May 23 j 14:39	17°♈12'41	
morning set	-4100 May 26 j 08:50	22°♈47'35	
	-4100 May 29 j 20:02	0°♉	
superior conj	-4100 Jun 02 j 21:26	8°♉27'00	1°28'56
minimum elong	-4100 Jun 02 j 18:46	8°♉13'18	1°28'44
max. Earth dist.	-4100 Jun 06 j 22:15	16°♉38'41	1.35367 AU
evening rise	-4100 Jun 11 j 09:08	25°♉18'15	
	-4100 Jun 13 j 21:35	0°♊	
	-4100 Jul 02 j 09:09	0°♋	
desc. node	-4100 Jul 05 j 03:22	3°♋48'42	
evening max el	-4100 Jul 16 j 18:29	17°♋30'48	26°38'15
retrograde	-4100 Jul 29 j 16:52	24°♋48'22	
evening set	-4100 Aug 05 j 07:51	22°♋02'55	
min. Earth dist.	-4100 Aug 09 j 08:14	17°♋51'48	0.65862 AU
inferior conj	-4100 Aug 11 j 00:01	15°♋52'00	-2°-40'-1
minimum elong	-4100 Aug 11 j 03:27	15°♋41'41	2°38'45
morning rise	-4100 Aug 17 j 00:04	10°♋05'24	
direct	-4100 Aug 19 j 23:05	9°♋16'06	
asc. node	-4100 Aug 19 j 14:00	9°♋16'54	
morning max el	-4100 Aug 26 j 16:23	13°♋00'06	18°37'49
	-4100 Sep 07 j 20:24	0°♌	
morning set	-4100 Sep 16 j 01:06	13°♌09'57	
	-4100 Sep 26 j 13:58	0°♍	
desc. node	-4100 Oct 01 j 02:55	7°♍10'19	
superior conj	-4100 Oct 01 j 17:24	8°♍07'25	0°-3'-50
minimum elong	-4100 Oct 01 j 16:54	8°♍05'26	0°03'42
behind sun begin	-4100 Oct 01 j 05:44	7°♍21'27	
behind sun end	-4100 Oct 02 j 04:04	8°♍49'26	
max. Earth dist.	-4100 Oct 02 j 11:03	9°♍16'59	1.44830 AU
	-4100 Oct 15 j 14:05	0°♎	
evening rise	-4100 Oct 17 j 22:49	3°♎45'08	
	-4100 Nov 03 j 21:51	0°♏	
evening max el	-4100 Nov 09 j 01:12	6°♏20'56	19°04'50
asc. node	-4100 Nov 15 j 12:53	10°♏18'18	
retrograde	-4100 Nov 16 j 00:13	10°♏19'34	
evening set	-4100 Nov 19 j 03:58	9°♏21'58	
inferior conj	-4100 Nov 24 j 22:27	3°♏31'15	2°50'55
minimum elong	-4100 Nov 24 j 19:19	3°♏41'04	2°49'55
min. Earth dist.	-4100 Nov 26 j 09:33	1°♏41'20	0.65586 AU
	-4100 Nov 27 j 19:18	30°℞♎	
morning rise	-4100 Nov 30 j 09:43	27°♎20'09	
direct	-4100 Dec 06 j 20:07	24°♎33'43	
	-4100 Dec 17 j 11:50	0°♏	
morning max el	-4100 Dec 19 j 15:58	2°♏03'27	26°30'48
desc. node	-4100 Dec 28 j 02:46	11°♏48'41	
	-4099 Jan 09 j 19:12	0°♐	
morning set	-4099 Jan 24 j 15:33	25°♐36'55	
	-4099 Jan 26 j 22:36	0°♑	
max. Earth dist.	-4099 Jan 28 j 21:45	3°♑50'45	1.34981 AU
superior conj	-4099 Feb 02 j 09:14	12°♑53'38	-1°-22'-41
minimum elong	-4099 Feb 02 j 12:20	13°♑09'34	1°22'27
evening rise	-4099 Feb 10 j 01:07	28°♑49'33	
	-4099 Feb 10 j 14:49	0°♒	
asc. node	-4099 Feb 11 j 12:03	1°♒48'25	
evening max el	-4099 Mar 01 j 03:47	29°♒31'58	20°51'57
	-4099 Mar 01 j 15:51	0°♓	
retrograde	-4099 Mar 12 j 11:21	4°♓55'27	
evening set	-4099 Mar 14 j 20:38	4°♓41'58	
inferior conj	-4099 Mar 23 j 23:32	0°♓44'10	0°34'41
minimum elong	-4099 Mar 24 j 01:06	0°♓41'54	0°34'02
min. Earth dist.	-4099 Mar 25 j 00:09	0°♓08'52	0.55255 AU
	-4099 Mar 25 j 06:22	30°℞♒	
desc. node	-4099 Mar 26 j 01:47	29°♒32'38	
morning rise	-4099 Apr 02 j 04:16	26°♒32'02	
direct	-4099 Apr 05 j 10:07	26°♒09'06	
	-4099 Apr 15 j 13:45	0°♓	
morning max el	-4099 Apr 18 j 13:09	2°♓30'56	22°44'58
	-4099 May 07 j 00:15	0°♈	
asc. node	-4099 May 10 j 11:40	7°♈02'32	
morning set	-4099 May 10 j 19:37	7°♈43'51	
superior conj	-4099 May 18 j 01:20	23°♈05'57	1°11'15
minimum elong	-4099 May 17 j 22:45	22°♈52'13	1°10'54
max. Earth dist.	-4099 May 20 j 18:41	28°♈49'30	1.34135 AU
	-4099 May 21 j 08:16	0°♉	
evening rise	-4099 May 25 j 21:14	9°♉10'14	
	-4099 Jun 06 j 08:36	0°♊	
desc. node	-4099 Jun 22 j 00:27	22°♊50'14	
	-4099 Jun 28 j 09:21	0°♋	
evening max el	-4099 Jun 29 j 05:44	0°♋50'02	27°15'46
retrograde	-4099 Jul 12 j 16:31	8°♋14'01	
evening set	-4099 Jul 19 j 16:57	5°♋28'02	
min. Earth dist.	-4099 Jul 23 j 10:39	1°♋54'08	0.64615 AU
	-4099 Jul 25 j 04:04	30°℞♊	
inferior conj	-4099 Jul 25 j 16:08	29°♊26'25	-3°-23'-8
minimum elong	-4099 Jul 25 j 19:54	29°♊16'00	3°22'01
morning rise	-4099 Aug 01 j 00:24	23°♊55'23	
direct	-4099 Aug 03 j 17:42	23°♊16'23	
asc. node	-4099 Aug 06 j 11:05	23°♊55'12	
morning max el	-4099 Aug 10 j 06:11	26°♊46'14	18°08'14
	-4099 Aug 13 j 01:21	0°♋	
morning set	-4099 Aug 28 j 06:07	24°♋07'55	
	-4099 Aug 31 j 18:05	0°♌	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4099 Sep 10 j 23:56	16°♌47'21	0°43'31
minimum elong	-4099 Sep 11 j 04:45	17°♌06'42	0°43'03
max. Earth dist.	-4099 Sep 15 j 04:27	23°♌28'38	1.44457 AU
desc. node	-4099 Sep 17 j 23:52	27°♌55'02	
	-4099 Sep 19 j 07:39	0°♍	
evening rise	-4099 Sep 27 j 14:31	12°♍54'52	
	-4099 Oct 08 j 17:45	0°♎	
greatest brilliancy	-4099 Oct 15 j 21:09	10°♎29'14	-0.6m
evening max el	-4099 Oct 23 j 07:23	19°♎47'46	19°56'49
retrograde	-4099 Oct 30 j 21:10	24°♎13'21	
asc. node	-4099 Nov 02 j 10:01	23°♎36'01	
evening set	-4099 Nov 03 j 09:16	23°♎01'46	
inferior conj	-4099 Nov 08 j 22:51	16°♎58'29	2°06'29
minimum elong	-4099 Nov 08 j 20:14	17°♎07'08	2°05'31
min. Earth dist.	-4099 Nov 09 j 21:11	15°♎44'32	0.66518 AU
morning rise	-4099 Nov 14 j 06:32	10°♎42'52	
direct	-4099 Nov 20 j 02:53	8°♎10'00	
morning max el	-4099 Dec 02 j 00:49	15°♎14'07	25°18'34
	-4099 Dec 14 j 05:20	0°♏	
desc. node	-4099 Dec 14 j 23:45	1°♏03'21	
	-4098 Jan 02 j 15:56	0°♐	
morning set	-4098 Jan 07 j 05:18	8°♐00'27	
max. Earth dist.	-4098 Jan 11 j 00:19	14°♐58'26	1.36636 AU
superior conj	-4098 Jan 17 j 00:29	26°♐34'01	-1°-40'-28
minimum elong	-4098 Jan 17 j 03:24	26°♐48'29	1°40'24
	-4098 Jan 18 j 17:48	0°♑	
evening rise	-4098 Jan 25 j 05:16	13°♑06'24	
asc. node	-4098 Jan 29 j 09:06	21°♑19'10	
	-4098 Feb 03 j 04:48	0°♒	
evening max el	-4098 Feb 11 j 15:52	11°♒13'24	19°41'35
retrograde	-4098 Feb 21 j 06:41	15°♒47'04	
evening set	-4098 Feb 23 j 14:23	15°♒32'21	
inferior conj	-4098 Mar 04 j 02:55	11°♒29'01	2°18'00
minimum elong	-4098 Mar 04 j 07:47	11°♒21'19	2°16'28
min. Earth dist.	-4098 Mar 06 j 14:40	9°♒55'01	0.56111 AU
morning rise	-4098 Mar 12 j 21:47	6°♒49'26	
desc. node	-4098 Mar 12 j 22:55	6°♒48'33	
direct	-4098 Mar 17 j 06:03	6°♒07'07	
morning max el	-4098 Mar 31 j 05:02	13°♒08'47	24°24'04
	-4098 Apr 13 j 04:58	0°♓	
morning set	-4098 Apr 25 j 07:47	22°♓45'55	
asc. node	-4098 Apr 27 j 08:41	27°♓05'11	
	-4098 Apr 28 j 17:13	0°♈	
superior conj	-4098 May 02 j 09:45	7°♈59'08	0°50'18
minimum elong	-4098 May 02 j 07:43	7°♈48'06	0°49'55
max. Earth dist.	-4098 May 04 j 00:11	11°♈26'07	1.33268 AU
evening rise	-4098 May 09 j 19:12	23°♈33'01	
	-4098 May 13 j 01:24	0°♉	
	-4098 May 31 j 01:39	0°♊	
desc. node	-4098 Jun 08 j 21:33	10°♊59'09	
evening max el	-4098 Jun 11 j 15:30	13°♊47'17	27°24'39
retrograde	-4098 Jun 25 j 10:03	21°♊11'02	
evening set	-4098 Jul 02 j 13:24	18°♊37'36	
min. Earth dist.	-4098 Jul 06 j 03:36	15°♊34'43	0.63000 AU
inferior conj	-4098 Jul 08 j 22:45	12°♊48'21	-3°-57'-3
minimum elong	-4098 Jul 09 j 01:57	12°♊40'23	3°56'23
morning rise	-4098 Jul 15 j 16:40	7°♊35'55	
direct	-4098 Jul 18 j 06:30	7°♊04'33	
asc. node	-4098 Jul 24 j 08:10	9°♊58'01	
morning max el	-4098 Jul 24 j 21:02	10°♊28'42	17°56'31
	-4098 Aug 06 j 21:58	0°♋	
morning set	-4098 Aug 10 j 10:56	6°♋14'15	
superior conj	-4098 Aug 22 j 06:15	26°♋38'32	1°19'28
minimum elong	-4098 Aug 22 j 11:53	27°♋02'05	1°19'04
	-4098 Aug 24 j 06:36	0°♌	
max. Earth dist.	-4098 Aug 28 j 19:09	7°♌24'09	1.43413 AU
desc. node	-4098 Sep 04 j 20:49	18°♌38'20	
evening rise	-4098 Sep 06 j 18:37	21°♌36'43	
	-4098 Sep 12 j 05:42	0°♍	
greatest brilliancy	-4098 Sep 30 j 19:33	26°♍46'08	-0.5m
	-4098 Oct 03 j 09:55	0°♎	
evening max el	-4098 Oct 06 j 07:49	3°♎14'30	21°02'21
retrograde	-4098 Oct 14 j 18:08	8°♎13'44	
evening set	-4098 Oct 18 j 16:53	6°♎45'25	
asc. node	-4098 Oct 20 j 07:07	5°♎19'56	
inferior conj	-4098 Oct 24 j 03:11	0°♎32'50	1°17'12
minimum elong	-4098 Oct 24 j 01:28	0°♎38'42	1°16'31
min. Earth dist.	-4098 Oct 24 j 14:06	29°♍55'30	0.67116 AU
	-4098 Oct 24 j 12:47	30°℞♍	
morning rise	-4098 Oct 29 j 09:39	24°♍15'28	
direct	-4098 Nov 03 j 14:40	22°♍02'17	
morning max el	-4098 Nov 14 j 09:34	28°♍28'34	23°54'39
	-4098 Nov 15 j 20:35	0°♎	
desc. node	-4098 Dec 01 j 20:44	20°♎49'30	
	-4098 Dec 07 j 23:55	0°♏	
morning set	-4098 Dec 19 j 20:15	19°♏12'30	
max. Earth dist.	-4098 Dec 23 j 20:34	26°♏11'52	1.38621 AU
	-4098 Dec 25 j 23:29	0°♐	
superior conj	-4098 Dec 31 j 03:13	9°♐32'53	-1°-51'-56
minimum elong	-4098 Dec 31 j 04:51	9°♐40'35	1°52'03
evening rise	-4097 Jan 09 j 02:36	26°♐57'19	
	-4097 Jan 10 j 16:07	0°♑	
asc. node	-4097 Jan 16 j 06:07	10°♑24'44	
evening max el	-4097 Jan 25 j 13:50	23°♑29'11	18°50'16
retrograde	-4097 Feb 02 j 18:27	27°♑26'01	
evening set	-4097 Feb 05 j 04:31	27°♑06'45	
inferior conj	-4097 Feb 13 j 00:11	22°♑46'08	3°26'44
minimum elong	-4097 Feb 13 j 04:23	22°♑38'28	3°25'49
min. Earth dist.	-4097 Feb 16 j 06:22	20°♑24'24	0.57676 AU
morning rise	-4097 Feb 21 j 00:32	17°♑37'48	
direct	-4097 Feb 26 j 14:24	16°♑22'36	
desc. node	-4097 Feb 27 j 20:01	16°♑26'19	
morning max el	-4097 Mar 12 j 20:15	23°♑47'00	25°55'17
	-4097 Mar 18 j 11:16	0°♒	
	-4097 Apr 05 j 23:59	0°♓	
morning set	-4097 Apr 09 j 19:39	7°♓47'31	
asc. node	-4097 Apr 14 j 05:40	17°♓15'30	
superior conj	-4097 Apr 16 j 20:41	22°♓59'26	0°27'05
minimum elong	-4097 Apr 16 j 19:31	22°♓53'02	0°26'49
max. Earth dist.	-4097 Apr 17 j 11:36	24°♓20'50	1.32750 AU
	-4097 Apr 20 j 02:07	0°♈	
evening rise	-4097 Apr 23 j 23:53	8°♈15'41	
	-4097 May 05 j 12:10	0°♉	
evening max el	-4097 May 24 j 20:59	26°♉09'05	27°00'59
desc. node	-4097 May 26 j 18:40	27°♉52'46	
	-4097 May 29 j 11:43	0°♊	
retrograde	-4097 Jun 07 j 20:22	3°♊30'14	
evening set	-4097 Jun 14 j 17:02	1°♊23'01	
	-4097 Jun 16 j 17:45	30°℞♉	
min. Earth dist.	-4097 Jun 18 j 10:29	28°♉38'59	0.61087 AU
inferior conj	-4097 Jun 21 j 16:28	25°♉49'14	-4°-16'-25
minimum elong	-4097 Jun 21 j 17:47	25°♉46'20	4°16'13
morning rise	-4097 Jun 28 j 21:30	20°♉58'08	
direct	-4097 Jul 01 j 09:37	20°♉32'33	
morning max el	-4097 Jul 08 j 10:12	24°♉00'32	18°03'37
asc. node	-4097 Jul 11 j 05:14	27°♉09'17	
	-4097 Jul 13 j 06:59	0°♊	
morning set	-4097 Jul 24 j 09:58	19°♊13'21	
	-4097 Jul 30 j 06:45	0°♋	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4097 Aug 03 j 16:06	7°♋51'36	1°40'45
minimum elong	-4097 Aug 03 j 19:29	8°♋06'31	1°40'43
max. Earth dist.	-4097 Aug 11 j 04:40	20°♋45'56	1.41839 AU
	-4097 Aug 16 j 20:15	0°♌	
evening rise	-4097 Aug 17 j 06:50	0°♌42'23	
desc. node	-4097 Aug 22 j 17:47	9°♌16'25	
	-4097 Sep 05 j 18:54	0°♍	
greatest brilliancy	-4097 Sep 14 j 08:33	11°♍20'14	-0.3m
evening max el	-4097 Sep 19 j 01:59	16°♍39'45	22°17'57
retrograde	-4097 Sep 28 j 13:23	22°♍17'26	
evening set	-4097 Oct 03 j 00:54	20°♍30'09	
asc. node	-4097 Oct 07 j 04:14	15°♍51'48	
inferior conj	-4097 Oct 08 j 09:27	14°♍11'41	0°24'58
minimum elong	-4097 Oct 08 j 08:53	14°♍13'41	0°24'46
min. Earth dist.	-4097 Oct 08 j 09:53	14°♍10'14	0.67399 AU
morning rise	-4097 Oct 13 j 16:43	7°♍55'25	
direct	-4097 Oct 18 j 06:39	6°♍03'58	
morning max el	-4097 Oct 27 j 20:58	11°♍46'41	22°28'29
greatest brilliancy	-4097 Nov 01 j 13:43	17°♍04'26	-0.3m
	-4097 Nov 11 j 06:01	0°♎	
desc. node	-4097 Nov 18 j 17:40	10°♎57'29	
morning set	-4097 Nov 30 j 07:11	29°♎01'42	
	-4097 Nov 30 j 21:31	0°♏	
max. Earth dist.	-4097 Dec 05 j 18:16	8°♏04'59	1.40686 AU
superior conj	-4097 Dec 13 j 12:33	21°♏37'11	-1°-53'-57
minimum elong	-4097 Dec 13 j 11:28	21°♏32'18	1°54'05
	-4097 Dec 18 j 02:43	0°♐	
evening rise	-4097 Dec 23 j 14:09	10°♐15'14	
asc. node	-4096 Jan 03 j 03:10	28°♐57'08	
	-4096 Jan 03 j 19:48	0°♑	
evening max el	-4096 Jan 08 j 19:30	6°♑13'20	18°19'07
retrograde	-4096 Jan 16 j 00:56	9°♑49'00	
evening set	-4096 Jan 18 j 13:33	9°♑23'44	
inferior conj	-4096 Jan 25 j 18:02	4°♑41'40	3°58'46
minimum elong	-4096 Jan 25 j 19:30	4°♑38'31	3°58'29
min. Earth dist.	-4096 Jan 29 j 02:21	1°♑52'04	0.59614 AU
	-4096 Jan 31 j 14:33	30°℞♐	
morning rise	-4096 Feb 01 j 22:19	29°♐10'33	
direct	-4096 Feb 08 j 10:53	27°♐16'31	
desc. node	-4096 Feb 14 j 17:07	28°♐54'12	
	-4096 Feb 16 j 15:31	0°♑	
morning max el	-4096 Feb 22 j 16:17	4°♑53'09	27°03'35
	-4096 Mar 12 j 05:22	0°♒	
morning set	-4096 Mar 24 j 05:30	22°♒42'34	
	-4096 Mar 27 j 16:03	0°♓	
superior conj	-4096 Mar 31 j 08:26	8°♓01'04	0°02'32
minimum elong	-4096 Mar 31 j 08:20	8°♓00'28	0°02'27
behind sun begin	-4096 Mar 31 j 03:23	7°♓33'22	
behind sun end	-4096 Mar 31 j 13:17	8°♓27'35	
max. Earth dist.	-4096 Mar 31 j 01:08	7°♓21'03	1.32566 AU
asc. node	-4096 Mar 31 j 02:39	7°♓29'20	
evening rise	-4096 Apr 07 j 08:51	23°♓10'00	
	-4096 Apr 10 j 16:59	0°♈	
	-4096 Apr 28 j 21:43	0°♉	
evening max el	-4096 May 05 j 20:13	7°♉48'26	26°05'27
desc. node	-4096 May 12 j 15:46	13°♉00'40	
retrograde	-4096 May 19 j 22:19	15°♉05'23	
evening set	-4096 May 26 j 00:07	13°♉34'39	
min. Earth dist.	-4096 May 30 j 08:51	10°♉52'31	0.59042 AU
inferior conj	-4096 Jun 02 j 17:39	8°♉19'57	-4°-13'-16
minimum elong	-4096 Jun 02 j 15:46	8°♉23'33	4°13'03
morning rise	-4096 Jun 10 j 11:15	3°♉51'16	
direct	-4096 Jun 12 j 22:39	3°♉30'22	
morning max el	-4096 Jun 20 j 18:52	7°♉14'15	18°30'23
asc. node	-4096 Jun 27 j 02:17	15°♉14'29	
	-4096 Jul 05 j 10:13	0°♊	
morning set	-4096 Jul 06 j 22:26	2°♊53'21	
superior conj	-4096 Jul 16 j 01:21	20°♊15'46	1°48'53
minimum elong	-4096 Jul 16 j 02:02	20°♊18'56	1°49'04
	-4096 Jul 21 j 10:07	0°♋	
max. Earth dist.	-4096 Jul 23 j 08:23	3°♋23'10	1.39950 AU
evening rise	-4096 Jul 27 j 18:08	10°♋54'21	
desc. node	-4096 Aug 08 j 14:45	29°♋45'32	
	-4096 Aug 08 j 18:35	0°♌	
evening max el	-4096 Aug 31 j 15:11	0°♍05'45	23°38'32
	-4096 Aug 31 j 12:53	0°♍	
retrograde	-4096 Sep 11 j 05:45	6°♍21'49	
evening set	-4096 Sep 16 j 07:33	4°♍14'47	
	-4096 Sep 20 j 02:43	30°℞♌	
inferior conj	-4096 Sep 21 j 15:58	27°♌53'54	0°-28'-29
minimum elong	-4096 Sep 21 j 16:38	27°♌51'38	0°28'08
min. Earth dist.	-4096 Sep 21 j 06:09	28°♌27'28	0.67381 AU
asc. node	-4096 Sep 23 j 01:22	26°♌01'18	
morning rise	-4096 Sep 27 j 01:50	21°♌41'41	
direct	-4096 Oct 01 j 02:06	20°♌11'13	
morning max el	-4096 Oct 09 j 13:59	25°♌11'36	21°07'44
	-4096 Oct 13 j 19:14	0°♍	
greatest brilliancy	-4096 Oct 15 j 03:00	1°♍40'16	-0.5m
	-4096 Nov 03 j 17:33	0°♎	
desc. node	-4096 Nov 04 j 14:35	1°♎20'48	
morning set	-4096 Nov 08 j 15:49	7°♎38'08	
max. Earth dist.	-4096 Nov 16 j 22:08	20°♎50'14	1.42546 AU
	-4096 Nov 22 j 10:42	0°♏	
superior conj	-4096 Nov 23 j 22:42	2°♏32'31	-1°-42'-45
minimum elong	-4096 Nov 23 j 17:56	2°♏12'13	1°42'33
evening rise	-4096 Dec 05 j 12:11	22°♏51'33	
	-4096 Dec 09 j 11:49	0°♐	
asc. node	-4096 Dec 20 j 00:14	16°♐45'41	
evening max el	-4096 Dec 22 j 06:05	19°♐17'31	18°07'55
retrograde	-4096 Dec 28 j 22:52	22°♐45'43	
evening set	-4096 Dec 31 j 14:11	22°♐13'24	
inferior conj	-4095 Jan 07 j 06:08	17°♐09'40	4°01'47
minimum elong	-4095 Jan 07 j 05:04	17°♐12'17	4°01'33
min. Earth dist.	-4095 Jan 10 j 05:49	14°♐15'46	0.61607 AU
morning rise	-4095 Jan 13 j 17:36	11°♐22'36	
direct	-4095 Jan 20 j 17:40	8°♐55'29	
desc. node	-4095 Jan 31 j 14:12	13°♐46'34	
morning max el	-4095 Feb 03 j 18:36	16°♐38'40	27°38'39
	-4095 Feb 14 j 20:41	0°♑	
	-4095 Mar 04 j 18:32	0°♒	
morning set	-4095 Mar 08 j 11:18	7°♒22'45	
max. Earth dist.	-4095 Mar 14 j 12:51	20°♒11'41	1.32730 AU
superior conj	-4095 Mar 15 j 19:20	22°♒57'04	0°-22'-34
minimum elong	-4095 Mar 15 j 20:21	23°♒02'35	0°22'28
asc. node	-4095 Mar 17 j 23:37	27°♒41'52	
	-4095 Mar 19 j 01:01	0°♓	
evening rise	-4095 Mar 22 j 20:00	8°♓07'36	
	-4095 Apr 03 j 07:57	0°♈	
evening max el	-4095 Apr 17 j 13:47	18°♈49'42	24°44'55
desc. node	-4095 Apr 29 j 12:56	25°♈45'16	
retrograde	-4095 May 01 j 13:42	25°♈54'52	
evening set	-4095 May 06 j 09:51	25°♈01'28	
min. Earth dist.	-4095 May 12 j 01:56	22°♈04'59	0.57151 AU
inferior conj	-4095 May 14 j 23:14	20°♈11'15	-3°-37'-28
minimum elong	-4095 May 14 j 18:06	20°♈19'45	3°36'27
morning rise	-4095 May 23 j 06:32	16°♈02'07	
direct	-4095 May 25 j 17:32	15°♈44'57	
morning max el	-4095 Jun 03 j 20:05	19°♈59'26	19°17'29
	-4095 Jun 11 j 14:19	0°♉	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4095 Jun 13 j 23:18	4°♉00'18		
morning set	-4095 Jun 20 j 20:30	17°♉03'56		
	-4095 Jun 27 j 08:27	0°♊		
superior conj	-4095 Jun 29 j 04:08	3°♊33'55	1°46'48	
minimum elong	-4095 Jun 29 j 02:49	3°♊27'30	1°46'56	
max. Earth dist.	-4095 Jul 05 j 09:49	15°♊21'59	1.38005 AU	
evening rise	-4095 Jul 09 j 07:35	22°♊23'16		
	-4095 Jul 13 j 17:53	0°♋		
desc. node	-4095 Jul 26 j 11:46	20°♋00'42		
	-4095 Aug 02 j 14:50	0°♌		
evening max el	-4095 Aug 14 j 02:05	13°♌35'12	24°57'22	
retrograde	-4095 Aug 25 j 18:12	20°♌23'19		
evening set	-4095 Aug 31 j 11:05	17°♌57'46		
min. Earth dist.	-4095 Sep 05 j 00:31	12°♌46'00	0.67054 AU	
inferior conj	-4095 Sep 05 j 21:01	11°♌38'10	-1°-21'-33	
minimum elong	-4095 Sep 05 j 22:54	11°♌31'54	1°20'39	
asc. node	-4095 Sep 09 j 22:29	6°♌48'16		
morning rise	-4095 Sep 11 j 11:07	5°♌33'08		
direct	-4095 Sep 14 j 23:48	4°♌21'05		
morning max el	-4095 Sep 22 j 14:09	8°♌45'15	19°57'59	
greatest brilliancy	-4095 Sep 30 j 03:21	18°♌08'41	-0.6m	
	-4095 Oct 08 j 05:42	0°♍		
morning set	-4095 Oct 18 j 14:06	15°♍51'38		
desc. node	-4095 Oct 22 j 11:30	21°♍54'52		
	-4095 Oct 27 j 15:00	0°♎		
max. Earth dist.	-4095 Oct 30 j 09:02	4°♎22'11	1.43950 AU	
superior conj	-4095 Nov 04 j 05:34	12°♎10'57	-1°-15'-14	
minimum elong	-4095 Nov 03 j 22:37	11°♎42'43	1°14'33	
	-4095 Nov 14 j 23:05	0°♏		
evening rise	-4095 Nov 17 j 16:16	4°♏37'30		
	-4095 Dec 03 j 12:30	0°♐		
evening max el	-4095 Dec 05 j 18:47	2°♐34'47	18°15'55	
asc. node	-4095 Dec 06 j 21:20	3°♐37'39		
retrograde	-4095 Dec 12 j 07:53	6°♐06'59		
evening set	-4095 Dec 15 j 02:49	5°♐26'17		
inferior conj	-4095 Dec 21 j 08:46	0°♐02'18	3°44'25	
minimum elong	-4095 Dec 21 j 06:09	0°♐09'28	3°43'51	
	-4095 Dec 21 j 09:37	30°℞♏		
min. Earth dist.	-4095 Dec 23 j 18:40	27°♏24'20	0.63416 AU	
morning rise	-4095 Dec 27 j 07:51	24°♏03'52		
direct	-4094 Jan 03 j 08:36	21°♏17'38		
morning max el	-4094 Jan 17 j 01:43	29°♏01'41	27°37'27	
desc. node	-4094 Jan 18 j 11:14	0°♐27'00		
	-4094 Jan 18 j 00:51	0°♐		
	-4094 Feb 08 j 16:24	0°♑		
morning set	-4094 Feb 20 j 10:42	21°♑39'52		
	-4094 Feb 24 j 12:33	0°♒		
max. Earth dist.	-4094 Feb 25 j 18:54	2°♒39'27	1.33275 AU	
superior conj	-4094 Feb 28 j 03:39	7°♒41'34	0°-47'-16	
minimum elong	-4094 Feb 28 j 05:43	7°♒52'38	0°47'03	
asc. node	-4094 Mar 04 j 20:37	17°♒49'07		
evening rise	-4094 Mar 07 j 07:36	23°♒02'17		
	-4094 Mar 10 j 16:58	0°♓		
evening max el	-4094 Mar 30 j 05:56	29°♓33'06	23°11'43	
	-4094 Mar 30 j 17:22	0°♈		
retrograde	-4094 Apr 12 j 16:06	6°♈10'28		
evening set	-4094 Apr 16 j 04:50	5°♈43'12		
desc. node	-4094 Apr 16 j 10:06	5°♈39'48		
min. Earth dist.	-4094 Apr 23 j 16:42	2°♈20'46	0.55766 AU	
inferior conj	-4094 Apr 25 j 09:23	1°♈21'05	-2°-21'-36	
minimum elong	-4094 Apr 25 j 03:51	1°♈29'14	2°20'00	
	-4094 Apr 27 j 17:48	30°℞♓		
morning rise	-4094 May 04 j 05:53	27°♓23'06		
direct	-4094 May 06 j 18:19	27°♓07'41		
	-4094 May 14 j 21:29	0°♈		
morning max el	-4094 May 17 j 11:22	2°♈07'01	20°24'45	
asc. node	-4094 May 31 j 20:17	23°♈16'57		
	-4094 Jun 04 j 06:02	0°♉		
morning set	-4094 Jun 05 j 01:17	1°♉37'32		
superior conj	-4094 Jun 12 j 19:30	17°♉31'45	1°37'07	
minimum elong	-4094 Jun 12 j 17:06	17°♉19'35	1°37'02	
max. Earth dist.	-4094 Jun 17 j 15:38	27°♉07'45	1.36243 AU	
	-4094 Jun 19 j 03:30	0°♊		
evening rise	-4094 Jun 21 j 19:19	4°♊59'23		
	-4094 Jul 06 j 14:46	0°♋		
desc. node	-4094 Jul 13 j 08:51	9°♋54'58		
evening max el	-4094 Jul 27 j 12:59	27°♋06'45	26°06'24	
	-4094 Jul 30 j 18:07	0°♌		
retrograde	-4094 Aug 09 j 01:57	4°♌16'09		
evening set	-4094 Aug 15 j 09:26	1°♌36'13		
	-4094 Aug 17 j 01:29	30°℞♋		
min. Earth dist.	-4094 Aug 19 j 14:27	27°♋02'31	0.66397 AU	
inferior conj	-4094 Aug 20 j 22:43	25°♋21'20	-2°-12'-29	
minimum elong	-4094 Aug 21 j 01:41	25°♋12'02	2°11'15	
morning rise	-4094 Aug 26 j 18:41	19°♋26'54		
asc. node	-4094 Aug 27 j 19:36	18°♋55'33		
direct	-4094 Aug 29 j 22:04	18°♋30'06		
morning max el	-4094 Sep 05 j 21:03	22°♋26'08	19°02'30	
	-4094 Sep 11 j 22:45	0°♌		
morning set	-4094 Sep 28 j 01:22	24°♌48'00		
	-4094 Oct 01 j 08:30	0°♍		
desc. node	-4094 Oct 09 j 08:26	12°♍35'26		
max. Earth dist.	-4094 Oct 13 j 01:20	18°♍25'40	1.44720 AU	
superior conj	-4094 Oct 14 j 12:28	20°♍44'23	0°-32'-21	
minimum elong	-4094 Oct 14 j 08:20	20°♍28'05	0°31'47	
	-4094 Oct 20 j 08:30	0°♎		
evening rise	-4094 Oct 29 j 21:44	15°♎23'25		
	-4094 Nov 07 j 21:40	0°♏		
evening max el	-4094 Nov 19 j 06:48	15°♏58'35	18°42'03	
asc. node	-4094 Nov 23 j 18:28	19°♏17'21		
retrograde	-4094 Nov 26 j 00:02	19°♏44'42		
evening set	-4094 Nov 29 j 00:05	18°♏53'47		
inferior conj	-4094 Dec 04 j 22:11	13°♏11'54	3°13'15	
minimum elong	-4094 Dec 04 j 19:01	13°♏21'25	3°12'21	
min. Earth dist.	-4094 Dec 06 j 17:18	11°♏02'42	0.64905 AU	
morning rise	-4094 Dec 10 j 12:50	7°♏04'56		
direct	-4094 Dec 17 j 06:06	4°♏14'58		
morning max el	-4094 Dec 30 j 11:06	11°♏52'07	27°03'01	
desc. node	-4093 Jan 05 j 08:15	18°♏23'52		
	-4093 Jan 14 j 00:49	0°♐		
	-4093 Feb 01 j 04:22	0°♑		
morning set	-4093 Feb 04 j 00:32	5°♑23'21		
max. Earth dist.	-4093 Feb 08 j 15:43	14°♑34'36	1.34237 AU	
superior conj	-4093 Feb 12 j 07:24	22°♑07'30	-1°-10'-31	
minimum elong	-4093 Feb 12 j 10:16	22°♑22'27	1°10'15	
	-4093 Feb 16 j 00:59	0°♒		
evening rise	-4093 Feb 19 j 17:51	7°♒47'33		
asc. node	-4093 Feb 19 j 17:39	7°♒46'30		
	-4093 Mar 03 j 18:07	0°♓		
evening max el	-4093 Mar 12 j 02:37	10°♓25'03	21°39'45	
retrograde	-4093 Mar 24 j 07:40	16°♓17'58		
evening set	-4093 Mar 26 j 23:08	16°♓02'15		
desc. node	-4093 Apr 03 j 07:13	13°♓06'05		
inferior conj	-4093 Apr 05 j 06:30	12°♓00'22	0°-32'-43	
minimum elong	-4093 Apr 05 j 04:58	12°♓02'31	0°32'16	
min. Earth dist.	-4093 Apr 05 j 06:38	12°♓00'11	0.55177 AU	
morning rise	-4093 Apr 14 j 11:16	7°♓59'01		
direct	-4093 Apr 17 j 07:42	7°♓41'03		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-4093 Apr 29 j 15:43	13°♓33'00	21°50'05
	-4093 May 11 j 21:01	0°♈	
asc. node	-4093 May 18 j 17:18	12°♈56'47	
morning set	-4093 May 20 j 10:28	16°♈27'46	
	-4093 May 26 j 21:04	0°♉	
superior conj	-4093 May 27 j 19:42	1°♉58'35	1°21'54
minimum elong	-4093 May 27 j 17:00	1°♉44'29	1°21'37
max. Earth dist.	-4093 May 31 j 06:41	9°♉06'49	1.34798 AU
evening rise	-4093 Jun 04 j 23:57	18°♉27'57	
	-4093 Jun 11 j 05:39	0°♊	
desc. node	-4093 Jun 30 j 05:57	29°♊19'27	
	-4093 Jun 30 j 18:27	0°♋	
evening max el	-4093 Jul 10 j 00:28	10°♋33'55	26°57'26
retrograde	-4093 Jul 23 j 04:28	17°♋54'21	
evening set	-4093 Jul 30 j 00:11	15°♋07'23	
min. Earth dist.	-4093 Aug 02 j 21:34	11°♋12'33	0.65378 AU
inferior conj	-4093 Aug 04 j 19:01	9°♋00'22	-2°-59'-11
minimum elong	-4093 Aug 04 j 22:41	8°♋49'43	2°57'57
morning rise	-4093 Aug 10 j 22:22	3°♋19'56	
direct	-4093 Aug 13 j 18:47	2°♋35'12	
asc. node	-4093 Aug 14 j 16:41	2°♋39'46	
morning max el	-4093 Aug 20 j 09:03	6°♋11'51	18°23'11
	-4093 Sep 05 j 13:16	0°♌	
morning set	-4093 Sep 08 j 14:48	5°♌01'37	
superior conj	-4093 Sep 23 j 12:24	29°♌02'43	0°17'08
minimum elong	-4093 Sep 23 j 14:35	29°♌11'22	0°16'57
	-4093 Sep 24 j 02:52	0°♍	
max. Earth dist.	-4093 Sep 25 j 19:53	2°♍42'02	1.44764 AU
desc. node	-4093 Sep 26 j 05:24	3°♍19'36	
evening rise	-4093 Oct 10 j 02:19	25°♍06'05	
	-4093 Oct 13 j 05:22	0°♎	
greatest brilliancy	-4093 Oct 24 j 06:12	17°♎01'44	-0.7m
evening max el	-4093 Nov 02 j 15:43	29°♎25'06	19°25'02
	-4093 Nov 03 j 05:35	0°♏	
retrograde	-4093 Nov 09 j 20:04	3°♏34'00	
asc. node	-4093 Nov 10 j 15:34	3°♏30'11	
evening set	-4093 Nov 13 j 03:11	2°♏30'35	
	-4093 Nov 15 j 23:32	30°℞♎	
inferior conj	-4093 Nov 18 j 19:21	26°♎33'55	2°32'47
minimum elong	-4093 Nov 18 j 16:23	26°♎43'28	2°31'46
min. Earth dist.	-4093 Nov 20 j 00:44	24°♎59'27	0.66031 AU
morning rise	-4093 Nov 24 j 04:48	20°♎20'43	
direct	-4093 Nov 30 j 09:28	17°♎39'22	
morning max el	-4093 Dec 12 j 20:40	24°♎59'07	26°02'07
	-4093 Dec 17 j 10:51	0°♏	
desc. node	-4093 Dec 23 j 05:15	7°♏14'54	
	-4092 Jan 07 j 11:56	0°♐	
morning set	-4092 Jan 18 j 00:39	18°♐20'39	
max. Earth dist.	-4092 Jan 22 j 01:05	25°♐57'04	1.35643 AU
	-4092 Jan 24 j 02:47	0°♑	
superior conj	-4092 Jan 27 j 04:07	6°♑07'10	-1°-30'-50
minimum elong	-4092 Jan 27 j 07:15	6°♑23'03	1°30'40
evening rise	-4092 Feb 04 j 00:53	22°♑16'59	
asc. node	-4092 Feb 06 j 14:41	27°♑28'48	
	-4092 Feb 07 j 21:28	0°♒	
evening max el	-4092 Feb 22 j 08:29	21°♒45'38	20°19'41
retrograde	-4092 Mar 03 j 22:27	26°♒47'14	
evening set	-4092 Mar 06 j 06:11	26°♒33'44	
inferior conj	-4092 Mar 15 j 03:37	22°♒35'01	1°21'55
minimum elong	-4092 Mar 15 j 07:04	22°♒29'54	1°20'40
min. Earth dist.	-4092 Mar 16 j 20:39	21°♒34'20	0.55516 AU
desc. node	-4092 Mar 20 j 04:21	19°♒45'43	
morning rise	-4092 Mar 24 j 05:41	18°♒12'33	
direct	-4092 Mar 27 j 21:33	17°♒43'18	

morning max el	-4092 Apr 10 j 10:58	24°♒23'32	23°27'17
	-4092 Apr 15 j 13:20	0°♓	
	-4092 May 03 j 05:16	0°♈	
morning set	-4092 May 03 j 22:03	1°♈27'27	
asc. node	-4092 May 04 j 14:18	2°♈52'42	
superior conj	-4092 May 11 j 01:47	16°♈44'27	1°02'41
minimum elong	-4092 May 10 j 23:23	16°♈31'35	1°02'19
max. Earth dist.	-4092 May 13 j 07:24	21°♈29'35	1.33719 AU
	-4092 May 17 j 09:59	0°♉	
evening rise	-4092 May 18 j 16:40	2°♉34'09	
	-4092 Jun 03 j 02:09	0°♊	
desc. node	-4092 Jun 16 j 03:03	18°♊00'41	
evening max el	-4092 Jun 21 j 11:12	23°♊44'31	27°23'18
	-4092 Jun 30 j 02:25	0°♋	
retrograde	-4092 Jul 05 j 01:26	1°♋08'53	
	-4092 Jul 09 j 17:02	30°℞♊	
evening set	-4092 Jul 12 j 04:19	28°♊26'12	
min. Earth dist.	-4092 Jul 15 j 19:52	25°♊06'57	0.63973 AU
inferior conj	-4092 Jul 18 j 07:25	22°♊29'42	-3°-38'-55
minimum elong	-4092 Jul 18 j 11:05	22°♊20'00	3°37'58
morning rise	-4092 Jul 24 j 19:38	17°♊06'31	
direct	-4092 Jul 27 j 11:15	16°♊31'01	
asc. node	-4092 Jul 31 j 13:45	17°♊55'31	
morning max el	-4092 Aug 02 j 23:39	19°♊57'03	18°01'06
	-4092 Aug 10 j 11:23	0°♋	
morning set	-4092 Aug 20 j 06:30	16°♋29'51	
	-4092 Aug 28 j 05:19	0°♌	
superior conj	-4092 Sep 02 j 03:42	8°♌08'58	1°00'32
minimum elong	-4092 Sep 02 j 09:25	8°♌32'16	1°00'00
max. Earth dist.	-4092 Sep 07 j 12:35	16°♌49'06	1.44084 AU
desc. node	-4092 Sep 12 j 02:22	24°♌03'53	
	-4092 Sep 15 j 21:30	0°♍	
evening rise	-4092 Sep 18 j 10:55	3°♍57'57	
	-4092 Oct 05 j 18:22	0°♎	
greatest brilliancy	-4092 Oct 09 j 07:54	4°♎58'17	-0.6m
evening max el	-4092 Oct 15 j 19:28	12°♎51'28	20°23'10
retrograde	-4092 Oct 23 j 17:23	17°♎31'02	
evening set	-4092 Oct 27 j 09:44	16°♎12'35	
asc. node	-4092 Oct 27 j 12:40	16°♎07'17	
inferior conj	-4092 Nov 01 j 21:41	10°♎04'38	1°46'06
minimum elong	-4092 Nov 01 j 19:25	10°♎12'17	1°45'12
min. Earth dist.	-4092 Nov 02 j 14:57	9°♎06'29	0.66805 AU
morning rise	-4092 Nov 07 j 04:35	3°♎47'49	
direct	-4092 Nov 12 j 18:19	1°♎23'04	
morning max el	-4092 Nov 24 j 05:31	8°♎12'46	24°43'51
desc. node	-4092 Dec 09 j 02:14	26°♎44'22	
	-4092 Dec 11 j 08:45	0°♏	
morning set	-4092 Dec 30 j 05:36	0°♐16'44	
	-4092 Dec 30 j 01:48	0°♐	
max. Earth dist.	-4091 Jan 03 j 00:23	7°♐04'18	1.37449 AU
superior conj	-4091 Jan 09 j 14:37	19°♐31'42	-1°-46'-17
minimum elong	-4091 Jan 09 j 17:08	19°♐44'01	1°46'18
	-4091 Jan 14 j 21:40	0°♑	
evening rise	-4091 Jan 18 j 02:32	6°♑24'24	
asc. node	-4091 Jan 23 j 11:43	16°♑50'14	
	-4091 Jan 31 j 17:19	0°♒	
evening max el	-4091 Feb 04 j 00:58	3°♒42'38	19°17'17
retrograde	-4091 Feb 13 j 00:23	7°♒59'12	
evening set	-4091 Feb 15 j 08:40	7°♒42'58	
inferior conj	-4091 Feb 23 j 14:01	3°♒33'08	2°51'51
minimum elong	-4091 Feb 23 j 19:01	3°♒24'44	2°50'29
min. Earth dist.	-4091 Feb 26 j 11:44	1°♒36'49	0.56704 AU
	-4091 Mar 01 j 04:16	30°℞♑	
morning rise	-4091 Mar 04 j 01:36	28°♑40'27	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4091 Mar 07 j 01:26	27°♉53'58	
direct	-4091 Mar 08 j 22:24	27°♉45'44	
	-4091 Mar 16 j 14:39	0°♒	
morning max el	-4091 Mar 23 j 02:06	4°♒59'28	25°04'44
	-4091 Apr 10 j 00:10	0°♓	
morning set	-4091 Apr 18 j 10:19	16°♓30'23	
asc. node	-4091 Apr 21 j 11:18	22°♓59'23	
	-4091 Apr 24 j 16:48	0°♈	
superior conj	-4091 Apr 25 j 11:32	1°♈41'52	0°40'40
minimum elong	-4091 Apr 25 j 09:50	1°♈32'37	0°40'20
max. Earth dist.	-4091 Apr 26 j 15:41	4°♈14'32	1.33005 AU
evening rise	-4091 May 02 j 17:51	17°♈06'33	
	-4091 May 09 j 08:36	0°♉	
	-4091 May 28 j 20:53	0°♊	
desc. node	-4091 Jun 03 j 00:07	5°♊40'26	
evening max el	-4091 Jun 03 j 19:10	6°♊26'54	27°18'31
retrograde	-4091 Jun 17 j 16:16	13°♊50'37	
evening set	-4091 Jun 24 j 18:06	11°♊26'25	
min. Earth dist.	-4091 Jun 28 j 08:25	8°♊33'31	0.62214 AU
inferior conj	-4091 Jul 01 j 08:55	5°♊43'06	-4°-7'-28
minimum elong	-4091 Jul 01 j 11:30	5°♊37'01	4°07'02
morning rise	-4091 Jul 08 j 07:26	0°♊39'47	
direct	-4091 Jul 10 j 20:14	0°♊11'12	
morning max el	-4091 Jul 17 j 14:09	3°♊35'48	17°57'11
asc. node	-4091 Jul 18 j 10:49	4°♊29'02	
morning set	-4091 Aug 02 j 19:38	28°♊59'22	
	-4091 Aug 03 j 09:06	0°♋	
superior conj	-4091 Aug 13 j 21:53	18°♋35'01	1°30'16
minimum elong	-4091 Aug 14 j 02:45	18°♋55'50	1°30'02
	-4091 Aug 20 j 17:29	0°♌	
max. Earth dist.	-4091 Aug 21 j 00:37	0°♌29'11	1.42789 AU
evening rise	-4091 Aug 28 j 15:49	12°♌41'58	
desc. node	-4091 Aug 29 j 23:19	14°♌44'58	
	-4091 Sep 09 j 00:09	0°♍	
greatest brilliancy	-4091 Sep 23 j 16:22	20°♍29'36	-0.4m
evening max el	-4091 Sep 28 j 17:03	26°♍16'33	21°33'39
	-4091 Oct 03 j 02:24	0°♎	
retrograde	-4091 Oct 07 j 13:52	1°♎32'25	
evening set	-4091 Oct 11 j 17:42	29°♍56'25	
	-4091 Oct 11 j 15:51	30°℞♍	
asc. node	-4091 Oct 14 j 09:47	27°♍15'41	
inferior conj	-4091 Oct 17 j 03:03	23°♍40'50	0°55'20
minimum elong	-4091 Oct 17 j 01:48	23°♍45'09	0°54'49
min. Earth dist.	-4091 Oct 17 j 09:29	23°♍18'41	0.67262 AU
morning rise	-4091 Oct 22 j 09:36	17°♍23'18	
direct	-4091 Oct 27 j 08:02	15°♍19'12	
morning max el	-4091 Nov 06 j 14:57	21°♍28'01	23°17'49
greatest brilliancy	-4091 Nov 12 j 00:01	27°♍32'34	-0.3m
	-4091 Nov 13 j 23:06	0°♎	
desc. node	-4091 Nov 25 j 23:11	16°♎40'23	
	-4091 Dec 04 j 16:11	0°♏	
morning set	-4091 Dec 11 j 09:06	10°♏54'23	
max. Earth dist.	-4091 Dec 15 j 19:52	18°♏29'09	1.39496 AU
	-4091 Dec 22 j 06:38	0°♐	
superior conj	-4091 Dec 23 j 10:35	2°♐08'52	-1°-54'-10
minimum elong	-4091 Dec 23 j 11:15	2°♐11'55	1°54'20
evening rise	-4090 Jan 01 j 20:06	20°♐01'54	
	-4090 Jan 07 j 02:39	0°♑	
asc. node	-4090 Jan 10 j 08:45	5°♑42'54	
evening max el	-4090 Jan 18 j 02:36	16°♑11'52	18°34'37
retrograde	-4090 Jan 25 j 20:00	19°♑57'37	
evening set	-4090 Jan 28 j 07:10	19°♑35'59	
inferior conj	-4090 Feb 04 j 20:08	15°♑06'54	3°44'24
minimum elong	-4090 Feb 04 j 23:16	15°♑00'47	3°43'48
min. Earth dist.	-4090 Feb 08 j 05:09	12°♑30'10	0.58475 AU
morning rise	-4090 Feb 12 j 11:45	9°♑47'50	
direct	-4090 Feb 18 j 12:39	8°♑15'48	
desc. node	-4090 Feb 21 j 22:32	8°♑44'40	
morning max el	-4090 Mar 04 j 18:53	15°♑46'59	26°27'41
	-4090 Mar 16 j 08:05	0°♒	
	-4090 Apr 02 j 04:17	0°♓	
morning set	-4090 Apr 02 j 21:32	1°♓29'46	
asc. node	-4090 Apr 08 j 08:17	13°♓11'36	
superior conj	-4090 Apr 09 j 23:03	16°♓43'34	0°16'48
minimum elong	-4090 Apr 09 j 22:18	16°♓39'32	0°16'36
max. Earth dist.	-4090 Apr 10 j 04:17	17°♓12'16	1.32633 AU
	-4090 Apr 16 j 02:37	0°♈	
evening rise	-4090 Apr 17 j 00:38	1°♈55'09	
	-4090 May 02 j 09:08	0°♉	
evening max el	-4090 May 16 j 22:15	18°♉31'20	26°41'00
desc. node	-4090 May 20 j 21:13	21°♉53'15	
retrograde	-4090 May 30 j 23:32	25°♉51'18	
evening set	-4090 Jun 06 j 13:25	23°♉59'03	
min. Earth dist.	-4090 Jun 10 j 11:42	21°♉17'37	0.60216 AU
inferior conj	-4090 Jun 13 j 20:05	18°♉32'31	-4°-18'-27
minimum elong	-4090 Jun 13 j 20:10	18°♉32'20	4°18'20
morning rise	-4090 Jun 21 j 06:16	13°♉50'47	
direct	-4090 Jun 23 j 17:52	13°♉27'24	
morning max el	-4090 Jul 01 j 01:45	17°♉00'59	18°12'29
asc. node	-4090 Jul 05 j 07:53	22°♉04'57	
	-4090 Jul 10 j 07:44	0°♊	
morning set	-4090 Jul 17 j 00:57	12°♊17'19	
superior conj	-4090 Jul 26 j 18:23	0°♋20'06	1°45'38
minimum elong	-4090 Jul 26 j 20:35	0°♋30'00	1°45'44
	-4090 Jul 26 j 13:56	0°♋	
max. Earth dist.	-4090 Aug 03 j 07:16	13°♋31'31	1.41057 AU
evening rise	-4090 Aug 08 j 12:50	22°♋13'02	
	-4090 Aug 13 j 09:45	0°♌	
desc. node	-4090 Aug 16 j 20:18	5°♌19'49	
	-4090 Sep 03 j 02:40	0°♍	
greatest brilliancy	-4090 Sep 06 j 09:46	4°♍08'40	-0.3m
evening max el	-4090 Sep 11 j 08:58	9°♍42'18	22°52'08
retrograde	-4090 Sep 21 j 07:58	15°♍36'32	
evening set	-4090 Sep 26 j 01:20	13°♍41'06	
inferior conj	-4090 Oct 01 j 09:39	7°♍21'22	0°02'21
minimum elong	-4090 Oct 01 j 09:35	7°♍21'34	0°02'24
transit middle	-4090 Oct 01 j 09:35	7°♍21'34	0°02'24
transit begin	-4090 Oct 01 j 06:55	7°♍30'47	
transit end	-4090 Oct 01 j 12:16	7°♍12'22	
min. Earth dist.	-4090 Oct 01 j 05:49	7°♍34'36	0.67424 AU
asc. node	-4090 Oct 01 j 06:54	7°♍30'51	
morning rise	-4090 Oct 06 j 17:47	1°♍06'19	
	-4090 Oct 08 j 11:25	30°℞♌	
direct	-4090 Oct 11 j 01:47	29°♌23'45	
	-4090 Oct 13 j 20:04	0°♍	
morning max el	-4090 Oct 20 j 04:14	4°♍47'55	21°53'05
greatest brilliancy	-4090 Oct 25 j 01:40	10°♍22'52	-0.4m
	-4090 Nov 08 j 05:20	0°♎	
desc. node	-4090 Nov 12 j 20:08	6°♎55'31	
morning set	-4090 Nov 21 j 07:49	20°♎08'34	
	-4090 Nov 27 j 09:15	0°♏	
max. Earth dist.	-4090 Nov 27 j 19:35	0°♏42'53	1.41518 AU
superior conj	-4090 Dec 05 j 10:47	13°♏45'34	-1°-51'-3
minimum elong	-4090 Dec 05 j 08:10	13°♏34'07	1°51'05
	-4090 Dec 14 j 10:45	0°♐	
evening rise	-4090 Dec 16 j 02:21	3°♐02'40	
asc. node	-4090 Dec 28 j 05:48	23°♐57'52	
evening max el	-4089 Jan 01 j 10:48	29°♐05'40	18°12'01

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4089 Jan 02 j 10:23	0°♉		
retrograde	-4089 Jan 08 j 09:25	2°♉36'10		
evening set	-4089 Jan 10 j 23:18	2°♉07'53		
	-4089 Jan 14 j 16:45	30°℞♐		
inferior conj	-4089 Jan 17 j 22:07	27°♐16'32	4°03'00	
minimum elong	-4089 Jan 17 j 22:25	27°♐15'51	4°02'48	
min. Earth dist.	-4089 Jan 21 j 03:46	24°♐22'27	0.60479 AU	
morning rise	-4089 Jan 24 j 18:48	21°♐38'18		
direct	-4089 Jan 31 j 13:55	19°♐28'45		
desc. node	-4089 Feb 08 j 19:38	22°♐17'53		
morning max el	-4089 Feb 14 j 17:20	27°♐08'00	27°22'47	
	-4089 Feb 17 j 11:28	0°♉		
	-4089 Mar 09 j 20:21	0°♒		
morning set	-4089 Mar 18 j 05:55	16°♒19'01		
max. Earth dist.	-4089 Mar 24 j 17:33	0°♓09'59	1.32600 AU	
	-4089 Mar 24 j 15:43	0°♓		
superior conj	-4089 Mar 25 j 10:39	1°♓43'22	0°-8'-5	
minimum elong	-4089 Mar 25 j 11:01	1°♓45'23	0°08'07	
behind sun begin	-4089 Mar 25 j 06:40	1°♓21'39		
behind sun end	-4089 Mar 25 j 15:22	2°♓09'07		
asc. node	-4089 Mar 26 j 05:16	3°♓25'07		
evening rise	-4089 Apr 01 j 10:47	16°♓51'49		
	-4089 Apr 08 j 00:40	0°♈		
	-4089 Apr 28 j 21:41	0°♉		
evening max el	-4089 Apr 28 j 19:04	29°♈53'46	25°33'37	
desc. node	-4089 May 07 j 18:22	6°♉04'51		
retrograde	-4089 May 12 j 20:58	7°♉06'09		
evening set	-4089 May 18 j 11:08	5°♉52'13		
min. Earth dist.	-4089 May 23 j 07:29	3°♉05'37	0.58203 AU	
inferior conj	-4089 May 26 j 13:14	0°♉47'34	-4°-2'-43	
minimum elong	-4089 May 26 j 09:50	0°♉53'41	4°02'14	
	-4089 May 27 j 16:08	30°℞♈		
morning rise	-4089 Jun 03 j 12:31	26°♈27'27		
direct	-4089 Jun 05 j 23:49	26°♈08'09		
	-4089 Jun 14 j 06:08	0°♉		
morning max el	-4089 Jun 14 j 07:31	0°♉03'14	18°47'52	
asc. node	-4089 Jun 22 j 04:55	10°♉28'40		
morning set	-4089 Jun 30 j 17:58	26°♉11'40		
	-4089 Jul 02 j 16:41	0°♊		
superior conj	-4089 Jul 09 j 11:47	13°♊08'57	1°49'06	
minimum elong	-4089 Jul 09 j 11:30	13°♊07'38	1°49'16	
max. Earth dist.	-4089 Jul 16 j 09:52	25°♊52'20	1.39119 AU	
	-4089 Jul 18 j 18:11	0°♋		
evening rise	-4089 Jul 20 j 11:31	2°♋58'10		
desc. node	-4089 Aug 03 j 17:19	25°♋43'42		
	-4089 Aug 06 j 14:59	0°♌		
evening max el	-4089 Aug 24 j 21:00	23°♌09'53	24°12'46	
retrograde	-4089 Sep 04 j 22:34	29°♌39'53		
evening set	-4089 Sep 10 j 06:52	27°♌24'42		
min. Earth dist.	-4089 Sep 15 j 01:30	21°♌52'19	0.67286 AU	
inferior conj	-4089 Sep 15 j 15:44	21°♌04'13	0°-51'-9	
minimum elong	-4089 Sep 15 j 16:56	21°♌00'11	0°50'33	
asc. node	-4089 Sep 18 j 04:02	17°♌48'57		
morning rise	-4089 Sep 21 j 03:13	14°♌54'48		
direct	-4089 Sep 24 j 22:22	13°♌32'25		
morning max el	-4089 Oct 03 j 00:10	18°♌15'52	20°36'30	
greatest brilliancy	-4089 Oct 09 j 05:56	25°♌43'49	-0.5m	
	-4089 Oct 12 j 08:54	0°♍		
desc. node	-4089 Oct 30 j 17:04	27°♍23'41		
morning set	-4089 Oct 31 j 09:12	28°♍26'14		
	-4089 Nov 01 j 09:18	0°♎		
max. Earth dist.	-4089 Nov 10 j 02:59	13°♎50'45	1.43216 AU	
superior conj	-4089 Nov 16 j 09:32	24°♎07'51	-1°-33'-10	
minimum elong	-4089 Nov 16 j 03:25	23°♎42'22	1°32'44	
	-4089 Nov 19 j 21:18	0°♏		
evening rise	-4089 Nov 28 j 17:16	15°♏18'07		
	-4089 Dec 07 j 04:37	0°♐		
asc. node	-4089 Dec 15 j 02:53	11°♐23'39		
evening max el	-4089 Dec 15 j 22:35	12°♐15'38	18°09'03	
retrograde	-4089 Dec 22 j 12:42	15°♐44'16		
evening set	-4089 Dec 25 j 05:29	15°♐08'26		
inferior conj	-4089 Dec 31 j 16:51	9°♐55'31	3°56'28	
minimum elong	-4089 Dec 31 j 14:59	10°♐00'18	3°56'07	
min. Earth dist.	-4088 Jan 03 j 10:50	7°♐06'41	0.62406 AU	
morning rise	-4088 Jan 06 j 22:31	4°♐03'18		
direct	-4088 Jan 13 j 23:59	1°♐26'32		
desc. node	-4088 Jan 26 j 16:42	8°♐00'16		
morning max el	-4088 Jan 27 j 22:00	9°♐10'06	27°42'41	
	-4088 Feb 13 j 02:49	0°♑		
	-4088 Feb 29 j 23:20	0°♒		
morning set	-4088 Mar 01 j 09:24	0°♒50'52		
max. Earth dist.	-4088 Mar 07 j 03:39	12°♒54'08	1.32916 AU	
superior conj	-4088 Mar 08 j 20:42	16°♒35'30	0°-33'-7	
minimum elong	-4088 Mar 08 j 22:11	16°♒43'30	0°32'58	
asc. node	-4088 Mar 12 j 02:15	23°♒36'06		
	-4088 Mar 15 j 01:42	0°♓		
evening rise	-4088 Mar 15 j 22:25	1°♓49'34		
	-4088 Mar 31 j 13:18	0°♈		
evening max el	-4088 Apr 09 j 11:22	10°♈44'46	24°05'56	
retrograde	-4088 Apr 23 j 06:46	17°♈40'13		
desc. node	-4088 Apr 23 j 15:30	17°♈39'55		
evening set	-4088 Apr 27 j 13:24	16°♈59'30		
min. Earth dist.	-4088 May 03 j 22:59	13°♈53'38	0.56486 AU	
inferior conj	-4088 May 06 j 10:20	12°♈21'26	-3°-10'-16	
minimum elong	-4088 May 06 j 04:30	12°♈30'34	3°08'52	
morning rise	-4088 May 14 j 23:31	8°♈18'46		
direct	-4088 May 17 j 10:57	8°♈02'35		
morning max el	-4088 May 27 j 04:49	12°♈33'55	19°43'41	
asc. node	-4088 Jun 08 j 01:57	29°♈29'01		
	-4088 Jun 08 j 08:42	0°♉		
morning set	-4088 Jun 13 j 19:16	10°♉33'37		
superior conj	-4088 Jun 21 j 20:33	26°♉46'15	1°43'30	
minimum elong	-4088 Jun 21 j 18:40	26°♉36'55	1°43'32	
	-4088 Jun 23 j 11:56	0°♊		
max. Earth dist.	-4088 Jun 27 j 12:44	7°♊43'47	1.37227 AU	
evening rise	-4088 Jul 01 j 11:09	14°♊57'33		
	-4088 Jul 10 j 06:08	0°♋		
desc. node	-4088 Jul 20 j 14:21	15°♋51'01		
	-4088 Jul 31 j 06:06	0°♌		
evening max el	-4088 Aug 06 j 07:38	6°♌40'17	25°28'15	
retrograde	-4088 Aug 18 j 09:03	13°♌38'38		
evening set	-4088 Aug 24 j 08:27	11°♌05'58		
min. Earth dist.	-4088 Aug 28 j 18:09	6°♌10'26	0.66825 AU	
inferior conj	-4088 Aug 29 j 19:35	4°♌48'00	-1°-43'-33	
minimum elong	-4088 Aug 29 j 21:58	4°♌40'18	1°42'28	
	-4088 Sep 02 j 23:02	30°℞♋		
asc. node	-4088 Sep 04 j 01:10	29°♋06'04		
morning rise	-4088 Sep 04 j 12:02	28°♋47'23		
direct	-4088 Sep 07 j 20:28	27°♋42'19		
	-4088 Sep 13 j 02:18	0°♌		
morning max el	-4088 Sep 15 j 03:28	1°♌53'12	19°32'29	
greatest brilliancy	-4088 Sep 24 j 02:27	13°♌25'27	-0.7m	
	-4088 Oct 05 j 00:36	0°♍		
morning set	-4088 Oct 09 j 10:25	6°♍50'54		
desc. node	-4088 Oct 16 j 14:00	18°♍00'49		
max. Earth dist.	-4088 Oct 22 j 16:48	27°♍39'06	1.44363 AU	
	-4088 Oct 24 j 04:17	0°♎		
superior conj	-4088 Oct 26 j 04:56	3°♎14'04	0°-58'-34	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4088 Oct 25 j 22:27	2°♎48'10	0°57'49	
evening rise	-4088 Nov 09 j 12:15	26°♎39'22		
	-4088 Nov 11 j 12:11	0°♏		
evening max el	-4088 Nov 28 j 11:12	25°♏35'21	18°24'53	
asc. node	-4088 Dec 01 j 00:00	27°♏46'23		
retrograde	-4088 Dec 05 j 01:19	29°♏12'46		
evening set	-4088 Dec 07 j 22:08	28°♏28'02		
inferior conj	-4088 Dec 14 j 00:28	22°♏55'54	3°32'36	
minimum elong	-4088 Dec 13 j 21:31	23°♏04'21	3°31'53	
min. Earth dist.	-4088 Dec 16 j 03:59	20°♏29'01	0.64082 AU	
morning rise	-4088 Dec 19 j 19:28	16°♏53'15		
direct	-4088 Dec 26 j 17:40	14°♏03'51		
morning max el	-4087 Jan 09 j 06:39	21°♏46'43	27°26'44	
desc. node	-4087 Jan 12 j 13:44	25°♏16'11		
	-4087 Jan 16 j 12:50	0°♐		
	-4087 Feb 05 j 05:40	0°♑		
morning set	-4087 Feb 13 j 05:10	14°♑55'05		
max. Earth dist.	-4087 Feb 18 j 06:19	25°♑09'25	1.33623 AU	
	-4087 Feb 20 j 13:38	0°♒		
superior conj	-4087 Feb 21 j 03:19	1°♒12'35	0°-57'-23	
minimum elong	-4087 Feb 21 j 05:46	1°♒25'35	0°57'07	
asc. node	-4087 Feb 26 j 23:15	13°♒39'31		
evening rise	-4087 Feb 28 j 09:38	16°♒40'44		
	-4087 Mar 07 j 02:29	0°♓		
evening max el	-4087 Mar 22 j 04:31	21°♓28'00	22°31'46	
retrograde	-4087 Apr 04 j 04:26	27°♓49'03		
evening set	-4087 Apr 07 j 06:18	27°♓28'14		
desc. node	-4087 Apr 10 j 12:39	26°♓24'49		
min. Earth dist.	-4087 Apr 15 j 13:16	23°♓50'48	0.55403 AU	
inferior conj	-4087 Apr 16 j 13:43	23°♓15'54	-1°-38'-18	
minimum elong	-4087 Apr 16 j 09:26	23°♓22'01	1°36'58	
morning rise	-4087 Apr 25 j 14:45	19°♓18'53		
direct	-4087 Apr 28 j 05:09	19°♓03'17		
morning max el	-4087 May 09 j 15:36	24°♓24'31	20°59'03	
	-4087 May 14 j 15:08	0°♈		
asc. node	-4087 May 25 j 22:57	18°♈56'14		
morning set	-4087 May 29 j 02:10	25°♈14'57		
	-4087 May 31 j 09:19	0°♉		
superior conj	-4087 Jun 05 j 16:06	10°♉57'55	1°31'15	
minimum elong	-4087 Jun 05 j 13:30	10°♉44'31	1°31'04	
max. Earth dist.	-4087 Jun 09 j 21:47	19°♉31'13	1.35585 AU	
evening rise	-4087 Jun 14 j 06:42	27°♉57'44		
	-4087 Jun 15 j 08:52	0°♊		
	-4087 Jul 03 j 12:35	0°♋		
desc. node	-4087 Jul 07 j 11:26	5°♋33'58		
evening max el	-4087 Jul 19 j 18:36	20°♋10'21	26°30'39	
retrograde	-4087 Aug 01 j 14:50	27°♋26'25		
evening set	-4087 Aug 08 j 03:56	24°♋42'06		
min. Earth dist.	-4087 Aug 12 j 05:29	20°♋25'05	0.66010 AU	
inferior conj	-4087 Aug 13 j 19:17	18°♋29'57	-2°-32'-58	
minimum elong	-4087 Aug 13 j 22:36	18°♋19'51	2°31'42	
morning rise	-4087 Aug 19 j 18:13	12°♋41'11		
asc. node	-4087 Aug 21 j 22:17	11°♋54'02		
direct	-4087 Aug 22 j 18:14	11°♋50'07		
morning max el	-4087 Aug 29 j 12:53	15°♋37'07	18°43'40	
	-4087 Sep 09 j 02:09	0°♌		
morning set	-4087 Sep 19 j 08:06	16°♌18'29		
	-4087 Sep 27 j 22:23	0°♍		
desc. node	-4087 Oct 03 j 10:58	8°♍43'33		
superior conj	-4087 Oct 05 j 06:10	11°♍33'45	0°-11'-23	
minimum elong	-4087 Oct 05 j 04:40	11°♍27'50	0°11'08	
behind sun begin	-4087 Oct 04 j 20:13	10°♍54'33		
behind sun end	-4087 Oct 05 j 13:07	12°♍01'07		
max. Earth dist.	-4087 Oct 05 j 10:01	11°♍48'55	1.44824 AU	

	-4087 Oct 16 j 22:11	0°♎		
evening rise	-4087 Oct 21 j 07:10	6°♎58'24		
	-4087 Nov 04 j 22:39	0°♏		
evening max el	-4087 Nov 11 j 22:09	9°♏00'40	18°58'23	
asc. node	-4087 Nov 17 j 21:07	12°♏50'54		
retrograde	-4087 Nov 18 j 19:28	12°♏55'47		
evening set	-4087 Nov 21 j 22:10	12°♏00'03		
inferior conj	-4087 Nov 27 j 17:33	6°♏11'37	2°57'03	
minimum elong	-4087 Nov 27 j 14:23	6°♏21'25	2°56'03	
min. Earth dist.	-4087 Nov 29 j 06:43	4°♏16'26	0.65423 AU	
morning rise	-4087 Dec 03 j 05:35	0°♏01'29		
	-4087 Dec 03 j 06:16	30°℞♎		
direct	-4087 Dec 09 j 17:55	27°♎13'37		
	-4087 Dec 17 j 02:32	0°♏		
morning max el	-4087 Dec 22 j 16:20	4°♏45'48	26°39'51	
desc. node	-4087 Dec 30 j 10:45	13°♏38'32		
	-4086 Jan 11 j 01:16	0°♐		
morning set	-4086 Jan 27 j 13:44	28°♐20'35		
	-4086 Jan 28 j 10:34	0°♑		
max. Earth dist.	-4086 Jan 31 j 22:04	6°♑48'14	1.34773 AU	
superior conj	-4086 Feb 05 j 04:22	15°♑28'03	-1°-19'-36	
minimum elong	-4086 Feb 05 j 07:25	15°♑43'51	1°19'22	
	-4086 Feb 12 j 03:22	0°♒		
evening rise	-4086 Feb 12 j 18:42	1°♒19'27		
asc. node	-4086 Feb 13 j 20:16	3°♒30'49		
	-4086 Mar 01 j 19:12	0°♓		
evening max el	-4086 Mar 04 j 04:44	2°♓30'12	21°03'55	
retrograde	-4086 Mar 15 j 18:08	8°♓01'16		
evening set	-4086 Mar 18 j 04:33	7°♓47'29		
inferior conj	-4086 Mar 27 j 09:00	3°♓49'21	0°17'08	
minimum elong	-4086 Mar 27 j 09:47	3°♓48'14	0°16'47	
min. Earth dist.	-4086 Mar 28 j 03:30	3°♓23'02	0.55203 AU	
desc. node	-4086 Mar 28 j 09:46	3°♓14'10		
	-4086 Apr 04 j 08:28	30°℞♒		
morning rise	-4086 Apr 05 j 14:06	29°♒40'26		
direct	-4086 Apr 08 j 17:09	29°♒19'05		
	-4086 Apr 12 j 22:57	0°♓		
morning max el	-4086 Apr 21 j 15:40	5°♓33'40	22°30'26	
	-4086 May 08 j 11:01	0°♈		
asc. node	-4086 May 12 j 19:56	8°♈43'13		
morning set	-4086 May 13 j 12:33	10°♈09'24		
superior conj	-4086 May 20 j 19:05	25°♈33'35	1°14'10	
minimum elong	-4086 May 20 j 16:27	25°♈19'40	1°13'50	
	-4086 May 22 j 21:50	0°♉		
max. Earth dist.	-4086 May 23 j 16:47	1°♉38'24	1.34296 AU	
evening rise	-4086 May 28 j 16:58	11°♉43'51		
	-4086 Jun 07 j 17:00	0°♊		
desc. node	-4086 Jun 24 j 08:31	24°♊41'48		
	-4086 Jun 28 j 20:09	0°♋		
evening max el	-4086 Jul 02 j 06:01	3°♋32'06	27°11'56	
retrograde	-4086 Jul 15 j 15:16	10°♋55'15		
evening set	-4086 Jul 22 j 14:35	8°♋08'45		
min. Earth dist.	-4086 Jul 26 j 09:12	4°♋29'27	0.64824 AU	
inferior conj	-4086 Jul 28 j 12:33	2°♋05'37	-3°-17'-8	
minimum elong	-4086 Jul 28 j 16:19	1°♋55'02	3°15'59	
	-4086 Jul 30 j 10:41	30°℞♊		
morning rise	-4086 Aug 03 j 19:29	26°♊31'55		
direct	-4086 Aug 06 j 13:31	25°♊51'30		
asc. node	-4086 Aug 08 j 19:22	26°♊18'11		
morning max el	-4086 Aug 13 j 02:14	29°♊22'55	18°11'30	
	-4086 Aug 13 j 16:29	0°♋		
morning set	-4086 Aug 31 j 09:08	27°♋05'01		
	-4086 Sep 02 j 03:05	0°♌		
superior conj	-4086 Sep 14 j 10:16	20°♌05'51	0°36'56	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4086 Sep 14 j 14:33	20°♌22'58	0°36'30	
max. Earth dist.	-4086 Sep 18 j 03:47	26°♌02'07	1.44559 AU	
desc. node	-4086 Sep 20 j 07:55	29°♌28'04		
	-4086 Sep 20 j 16:02	0°♍		
evening rise	-4086 Oct 01 j 01:54	16°♍15'40		
	-4086 Oct 09 j 23:30	0°♎		
greatest brilliancy	-4086 Oct 18 j 09:16	12°♎31'59	-0.6m	
evening max el	-4086 Oct 26 j 05:07	22°♎27'33	19°48'07	
retrograde	-4086 Nov 02 j 16:12	26°♎48'23		
asc. node	-4086 Nov 04 j 18:14	26°♎23'09		
evening set	-4086 Nov 06 j 02:58	25°♎39'00		
inferior conj	-4086 Nov 11 j 17:10	19°♎37'23	2°13'36	
minimum elong	-4086 Nov 11 j 14:26	19°♎46'20	2°12'35	
min. Earth dist.	-4086 Nov 12 j 17:17	18°♎18'07	0.66407 AU	
morning rise	-4086 Nov 17 j 01:14	13°♎22'24		
direct	-4086 Nov 22 j 23:51	10°♎47'04		
morning max el	-4086 Dec 05 j 01:17	17°♎55'23	25°30'15	
	-4086 Dec 15 j 06:05	0°♏		
desc. node	-4086 Dec 17 j 07:45	2°♏47'24		
	-4085 Jan 04 j 01:20	0°♐		
morning set	-4085 Jan 10 j 06:20	10°♐53'07		
max. Earth dist.	-4085 Jan 14 j 02:14	17°♐58'35	1.36369 AU	
superior conj	-4085 Jan 19 j 21:08	29°♐13'40	-1°-38'-9	
minimum elong	-4085 Jan 20 j 00:09	29°♐28'39	1°38'02	
	-4085 Jan 20 j 06:25	0°♑		
evening rise	-4085 Jan 27 j 23:40	15°♑39'36		
asc. node	-4085 Jan 31 j 17:17	23°♑04'37		
	-4085 Feb 04 j 10:52	0°♒		
evening max el	-4085 Feb 14 j 15:12	14°♒05'57	19°50'50	
retrograde	-4085 Feb 24 j 11:44	18°♒46'22		
evening set	-4085 Feb 26 j 19:21	18°♒32'03		
inferior conj	-4085 Mar 07 j 10:18	14°♒30'22	2°04'21	
minimum elong	-4085 Mar 07 j 14:56	14°♒23'10	2°02'50	
min. Earth dist.	-4085 Mar 09 j 17:44	13°♒04'46	0.55930 AU	
desc. node	-4085 Mar 15 j 06:51	10°♒16'04		
morning rise	-4085 Mar 16 j 07:23	9°♒55'30		
direct	-4085 Mar 20 j 11:17	9°♒17'02		
morning max el	-4085 Apr 03 j 08:09	16°♒13'34	24°09'34	
	-4085 Apr 14 j 08:15	0°♓		
morning set	-4085 Apr 28 j 00:38	25°♓11'10		
asc. node	-4085 Apr 29 j 16:55	28°♓44'13		
	-4085 Apr 30 j 07:06	0°♈		
superior conj	-4085 May 05 j 02:58	10°♈25'09	0°53'38	
minimum elong	-4085 May 05 j 00:49	10°♈13'33	0°53'16	
max. Earth dist.	-4085 May 06 j 21:15	14°♈12'16	1.33372 AU	
evening rise	-4085 May 12 j 13:41	26°♈02'50		
	-4085 May 14 j 13:21	0°♉		
	-4085 Jun 01 j 03:06	0°♊		
desc. node	-4085 Jun 11 j 05:34	13°♊00'00		
evening max el	-4085 Jun 14 j 16:11	16°♊33'43	27°25'20	
retrograde	-4085 Jun 28 j 09:34	23°♊57'22		
evening set	-4085 Jul 05 j 13:09	21°♊21'08		
min. Earth dist.	-4085 Jul 09 j 03:34	18°♊14'20	0.63266 AU	
inferior conj	-4085 Jul 11 j 20:47	15°♊30'01	-3°-52'-43	
minimum elong	-4085 Jul 12 j 00:08	15°♊21'30	3°51'59	
morning rise	-4085 Jul 18 j 13:10	10°♊14'38		
direct	-4085 Jul 21 j 03:26	9°♊42'13		
asc. node	-4085 Jul 26 j 16:26	12°♊09'22		
morning max el	-4085 Jul 27 j 17:07	13°♊06'25	17°57'05	
	-4085 Aug 08 j 06:27	0°♋		
morning set	-4085 Aug 13 j 10:45	9°♋02'11		
superior conj	-4085 Aug 25 j 12:29	29°♋44'45	1°14'58	
minimum elong	-4085 Aug 25 j 18:15	0°♌08'44	1°14'32	
	-4085 Aug 25 j 16:09	0°♌		

max. Earth dist.	-4085 Aug 31 j 19:16	10°♌01'51	1.43611 AU	
desc. node	-4085 Sep 07 j 04:53	20°♌11'40		
evening rise	-4085 Sep 10 j 06:33	24°♌58'29		
	-4085 Sep 13 j 12:52	0°♍		
greatest brilliancy	-4085 Oct 03 j 12:56	29°♍06'53	-0.5m	
	-4085 Oct 04 j 05:21	0°♎		
evening max el	-4085 Oct 09 j 06:25	5°♎53'59	20°51'49	
retrograde	-4085 Oct 17 j 13:17	10°♎47'50		
evening set	-4085 Oct 21 j 10:22	9°♎22'03		
asc. node	-4085 Oct 22 j 15:21	8°♎20'15		
inferior conj	-4085 Oct 26 j 21:02	3°♎10'32	1°24'54	
minimum elong	-4085 Oct 26 j 19:09	3°♎16'54	1°24'09	
min. Earth dist.	-4085 Oct 27 j 09:31	2°♎27'57	0.67049 AU	
	-4085 Oct 29 j 06:22	30°℞♍		
morning rise	-4085 Nov 01 j 03:33	26°♍53'19		
direct	-4085 Nov 06 j 10:49	24°♍37'06		
	-4085 Nov 16 j 05:36	0°♎		
morning max el	-4085 Nov 17 j 10:00	1°♎09'29	24°07'32	
desc. node	-4085 Dec 04 j 04:44	22°♎29'18		
	-4085 Dec 09 j 06:25	0°♏		
morning set	-4085 Dec 23 j 01:05	22°♏16'53		
max. Earth dist.	-4085 Dec 26 j 23:11	29°♏09'49	1.38314 AU	
	-4085 Dec 27 j 10:23	0°♐		
superior conj	-4084 Jan 03 j 02:02	12°♐19'29	-1°-50'-45	
minimum elong	-4084 Jan 03 j 03:56	12°♐28'36	1°50'50	
evening rise	-4084 Jan 11 j 22:13	29°♐35'04		
	-4084 Jan 12 j 03:18	0°♑		
asc. node	-4084 Jan 18 j 14:19	12°♑14'38		
evening max el	-4084 Jan 28 j 11:47	26°♑16'55	18°56'36	
	-4084 Feb 03 j 12:49	0°♒		
retrograde	-4084 Feb 05 j 20:56	0°♒18'29		
evening set	-4084 Feb 08 j 06:31	0°♒00'03		
	-4084 Feb 08 j 06:36	30°℞♑		
inferior conj	-4084 Feb 16 j 04:38	25°♑42'17	3°18'51	
minimum elong	-4084 Feb 16 j 09:07	25°♑34'15	3°17'47	
min. Earth dist.	-4084 Feb 19 j 09:08	23°♑26'36	0.57407 AU	
morning rise	-4084 Feb 24 j 07:59	20°♑37'50		
direct	-4084 Feb 29 j 17:32	19°♑28'21		
desc. node	-4084 Mar 01 j 03:58	19°♑28'48		
morning max el	-4084 Mar 14 j 23:10	26°♑50'16	25°42'55	
	-4084 Mar 17 j 23:59	0°♒		
	-4084 Apr 06 j 11:15	0°♓		
morning set	-4084 Apr 11 j 12:39	10°♓13'18		
asc. node	-4084 Apr 15 j 13:53	18°♓53'33		
superior conj	-4084 Apr 18 j 13:38	25°♓24'47	0°30'43	
minimum elong	-4084 Apr 18 j 12:19	25°♓17'35	0°30'26	
max. Earth dist.	-4084 Apr 19 j 07:59	27°♓04'49	1.32802 AU	
	-4084 Apr 20 j 16:14	0°♈		
evening rise	-4084 Apr 25 j 17:32	10°♈42'57		
	-4084 May 05 j 20:05	0°♉		
evening max el	-4084 May 26 j 22:19	29°♉00'52	27°06'35	
	-4084 May 27 j 23:45	0°♊		
desc. node	-4084 May 28 j 02:40	0°♊06'34		
retrograde	-4084 Jun 09 j 21:05	6°♊22'47		
evening set	-4084 Jun 16 j 19:33	4°♊10'40		
min. Earth dist.	-4084 Jun 20 j 11:47	1°♊24'59	0.61387 AU	
	-4084 Jun 22 j 02:31	30°℞♉		
inferior conj	-4084 Jun 23 j 16:37	28°♉34'21	-4°-14'-46	
minimum elong	-4084 Jun 23 j 18:19	28°♉30'33	4°14'31	
morning rise	-4084 Jun 30 j 19:56	23°♉40'09		
direct	-4084 Jul 03 j 08:13	23°♉13'49		
morning max el	-4084 Jul 10 j 06:44	26°♉40'27	18°01'21	
asc. node	-4084 Jul 12 j 13:29	29°♉11'16		
	-4084 Jul 13 j 04:57	0°♊		
morning set	-4084 Jul 26 j 07:24	21°♊54'13		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4084 Jul 30 j 17:37	0°♋		
superior conj	-4084 Aug 05 j 18:26	10°♋46'18	1°38'25	
minimum elong	-4084 Aug 05 j 22:14	11°♋02'55	1°38'21	
max. Earth dist.	-4084 Aug 13 j 05:32	23°♋29'08	1.42099 AU	
	-4084 Aug 17 j 05:06	0°♌		
evening rise	-4084 Aug 19 j 16:20	3°♌57'08		
desc. node	-4084 Aug 24 j 01:51	10°♌50'44		
	-4084 Sep 05 j 22:29	0°♍		
greatest brilliancy	-4084 Sep 16 j 07:08	13°♍55'50	-0.4m	
evening max el	-4084 Sep 21 j 01:25	19°♍19'12	22°06'15	
retrograde	-4084 Sep 30 j 08:59	24°♍51'19		
evening set	-4084 Oct 04 j 18:27	23°♍06'57		
asc. node	-4084 Oct 08 j 12:29	19°♍00'38		
inferior conj	-4084 Oct 10 j 03:10	16°♍49'00	0°33'00	
minimum elong	-4084 Oct 10 j 02:24	16°♍51'38	0°32'44	
min. Earth dist.	-4084 Oct 10 j 05:06	16°♍42'19	0.67372 AU	
morning rise	-4084 Oct 15 j 10:11	10°♍32'19		
direct	-4084 Oct 20 j 02:14	8°♍37'42		
morning max el	-4084 Oct 29 j 20:53	14°♍27'17	22°41'09	
greatest brilliancy	-4084 Nov 03 j 14:24	19°♍46'33	-0.3m	
	-4084 Nov 11 j 09:07	0°♎		
desc. node	-4084 Nov 20 j 01:42	12°♎34'37		
	-4084 Dec 01 j 06:15	0°♏		
morning set	-4084 Dec 02 j 16:26	2°♏19'08		
max. Earth dist.	-4084 Dec 07 j 20:13	10°♏55'37	1.40379 AU	
superior conj	-4084 Dec 15 j 14:19	24°♏33'00	-1°-54'-25	
minimum elong	-4084 Dec 15 j 13:44	24°♏30'21	1°54'34	
	-4084 Dec 18 j 13:46	0°♐		
evening rise	-4084 Dec 25 j 11:29	12°♐58'44		
	-4083 Jan 03 j 22:04	0°♑		
asc. node	-4083 Jan 04 j 11:23	0°♑53'06		
evening max el	-4083 Jan 10 j 16:32	8°♑57'49	18°22'31	
retrograde	-4083 Jan 18 j 00:49	12°♑35'47		
evening set	-4083 Jan 20 j 13:00	12°♑11'31		
inferior conj	-4083 Jan 27 j 19:36	7°♑32'52	3°55'57	
minimum elong	-4083 Jan 27 j 21:31	7°♑28'52	3°55'37	
min. Earth dist.	-4083 Jan 31 j 04:30	4°♑45'46	0.59313 AU	
morning rise	-4083 Feb 04 j 02:44	2°♑04'31		
direct	-4083 Feb 10 j 12:32	0°♑16'04		
desc. node	-4083 Feb 16 j 01:04	1°♑32'06		
morning max el	-4083 Feb 24 j 18:26	7°♑51'44	26°55'16	
	-4083 Mar 13 j 11:39	0°♒		
morning set	-4083 Mar 26 j 22:55	25°♒09'42		
	-4083 Mar 29 j 05:56	0°♓		
asc. node	-4083 Apr 02 j 10:52	9°♓07'05		
superior conj	-4083 Apr 03 j 01:24	10°♓26'36	0°06'20	
minimum elong	-4083 Apr 03 j 01:07	10°♓25'04	0°06'12	
behind sun begin	-4083 Apr 02 j 20:30	9°♓59'45		
behind sun end	-4083 Apr 03 j 05:44	10°♓50'23		
max. Earth dist.	-4083 Apr 02 j 21:23	10°♓04'34	1.32573 AU	
evening rise	-4083 Apr 10 j 02:00	25°♓35'51		
	-4083 Apr 12 j 05:15	0°♈		
	-4083 Apr 29 j 18:06	0°♉		
evening max el	-4083 May 08 j 22:28	10°♉46'04	26°15'30	
desc. node	-4083 May 14 j 23:46	15°♉32'15		
retrograde	-4083 May 23 j 00:35	18°♉04'14		
evening set	-4083 May 29 j 05:51	16°♉27'43		
min. Earth dist.	-4083 Jun 02 j 11:20	13°♉46'20	0.59343 AU	
inferior conj	-4083 Jun 05 j 20:27	11°♉09'43	-4°-15'-41	
minimum elong	-4083 Jun 05 j 19:06	11°♉12'20	4°15'31	
morning rise	-4083 Jun 13 j 12:06	6°♉37'46		
direct	-4083 Jun 15 j 23:28	6°♉16'18		
morning max el	-4083 Jun 23 j 16:15	9°♉57'09	18°25'08	
asc. node	-4083 Jun 29 j 10:31	17°♉08'50		
	-4083 Jul 06 j 20:51	0°♊		
morning set	-4083 Jul 09 j 18:07	5°♊28'24		
superior conj	-4083 Jul 19 j 00:33	23°♊00'39	1°48'24	
minimum elong	-4083 Jul 19 j 01:37	23°♊05'31	1°48'33	
	-4083 Jul 22 j 21:02	0°♋		
max. Earth dist.	-4083 Jul 26 j 09:46	6°♋12'01	1.40238 AU	
evening rise	-4083 Jul 30 j 23:43	13°♋57'43		
	-4083 Aug 10 j 01:26	0°♌		
desc. node	-4083 Aug 10 j 22:50	1°♌21'29		
	-4083 Sep 01 j 01:07	0°♍		
evening max el	-4083 Sep 03 j 15:14	2°♍45'00	23°26'32	
retrograde	-4083 Sep 14 j 01:54	8°♍55'50		
evening set	-4083 Sep 19 j 01:26	6°♍51'50		
inferior conj	-4083 Sep 24 j 09:46	0°♍31'04	0°-20'-23	
minimum elong	-4083 Sep 24 j 10:15	0°♍29'27	0°20'05	
min. Earth dist.	-4083 Sep 24 j 01:31	0°♍59'23	0.67399 AU	
	-4083 Sep 24 j 18:51	30°℞♌		
asc. node	-4083 Sep 25 j 09:38	29°♌09'50		
morning rise	-4083 Sep 29 j 19:07	24°♌17'55		
direct	-4083 Oct 03 j 21:18	22°♌44'23		
morning max el	-4083 Oct 12 j 12:53	27°♌50'58	21°19'09	
	-4083 Oct 14 j 12:41	0°♍		
greatest brilliancy	-4083 Oct 17 j 21:11	4°♍03'15	-0.4m	
	-4083 Nov 05 j 00:34	0°♎		
desc. node	-4083 Nov 06 j 22:39	2°♎56'00		
morning set	-4083 Nov 12 j 04:20	11°♎04'05		
max. Earth dist.	-4083 Nov 19 j 22:46	23°♎32'01	1.42291 AU	
	-4083 Nov 23 j 20:18	0°♏		
superior conj	-4083 Nov 27 j 04:18	5°♏39'26	-1°-45'-28	
minimum elong	-4083 Nov 27 j 00:04	5°♏21'20	1°45'20	
evening rise	-4083 Dec 08 j 11:47	25°♏41'36		
	-4083 Dec 10 j 20:56	0°♐		
asc. node	-4083 Dec 22 j 08:30	18°♐49'06		
evening max el	-4083 Dec 25 j 02:37	21°♐59'38	18°08'24	
retrograde	-4083 Dec 31 j 20:37	25°♐27'58		
evening set	-4082 Jan 03 j 11:32	24°♐56'45		
inferior conj	-4082 Jan 10 j 05:13	19°♐56'20	4°02'44	
minimum elong	-4082 Jan 10 j 04:28	19°♐58'07	4°02'33	
min. Earth dist.	-4082 Jan 13 j 06:40	17°♐01'37	0.61320 AU	
morning rise	-4082 Jan 16 j 18:56	14°♐11'23		
direct	-4082 Jan 23 j 18:07	11°♐48'18		
desc. node	-4082 Feb 02 j 22:10	16°♐04'45		
morning max el	-4082 Feb 06 j 19:45	19°♐30'48	27°35'38	
	-4082 Feb 15 j 19:22	0°♑		
	-4082 Mar 06 j 05:55	0°♒		
morning set	-4082 Mar 11 j 05:29	9°♒52'28		
max. Earth dist.	-4082 Mar 17 j 09:33	22°♒57'05	1.32686 AU	
superior conj	-4082 Mar 18 j 12:33	25°♒23'53	0°-18'-44	
minimum elong	-4082 Mar 18 j 13:23	25°♒28'29	0°18'42	
asc. node	-4082 Mar 20 j 07:52	29°♒20'06		
	-4082 Mar 20 j 15:11	0°♓		
evening rise	-4082 Mar 25 j 12:59	10°♓33'26		
	-4082 Apr 04 j 14:26	0°♈		
evening max el	-4082 Apr 20 j 16:50	21°♈52'31	24°58'04	
desc. node	-4082 May 01 j 20:54	28°♈40'49		
retrograde	-4082 May 04 j 17:40	28°♈59'59		
evening set	-4082 May 09 j 18:35	28°♈01'38		
min. Earth dist.	-4082 May 15 j 05:09	25°♈08'01	0.57408 AU	
inferior conj	-4082 May 18 j 05:07	23°♈07'30	-3°-45'-26	
minimum elong	-4082 May 18 j 00:21	23°♈15'32	3°44'35	
morning rise	-4082 May 26 j 10:17	18°♈55'39		
direct	-4082 May 28 j 21:19	18°♈37'59		
morning max el	-4082 Jun 06 j 18:45	22°♈47'08	19°09'10	
	-4082 Jun 12 j 16:53	0°♉		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4082 Jun 16 j 07:33	5°♉49'17	
morning set	-4082 Jun 23 j 15:01	19°♉35'11	
	-4082 Jun 28 j 21:01	0°♊	
superior conj	-4082 Jul 02 j 01:05	6°♊11'44	1°47'41
minimum elong	-4082 Jul 02 j 00:00	6°♊06'32	1°47'48
max. Earth dist.	-4082 Jul 08 j 11:15	18°♊15'46	1.38288 AU
evening rise	-4082 Jul 12 j 09:29	25°♊15'51	
	-4082 Jul 15 j 03:30	0°♋	
desc. node	-4082 Jul 28 j 19:51	21°♋39'14	
	-4082 Aug 03 j 16:33	0°♌	
evening max el	-4082 Aug 17 j 02:24	16°♌14'24	24°46'04
retrograde	-4082 Aug 28 j 14:56	22°♌58'06	
evening set	-4082 Sep 03 j 05:33	20°♌35'17	
min. Earth dist.	-4082 Sep 07 j 20:21	15°♌17'59	0.67124 AU
inferior conj	-4082 Sep 08 j 15:09	14°♌15'22	-1°-13'-36
minimum elong	-4082 Sep 08 j 16:52	14°♌09'40	1°12'46
asc. node	-4082 Sep 12 j 06:44	9°♌47'58	
morning rise	-4082 Sep 14 j 04:31	8°♌09'01	
direct	-4082 Sep 17 j 18:49	6°♌54'18	
morning max el	-4082 Sep 25 j 11:55	11°♌23'13	20°07'32
greatest brilliancy	-4082 Oct 02 j 15:55	20°♌12'19	-0.6m
	-4082 Oct 09 j 11:00	0°♍	
morning set	-4082 Oct 22 j 02:39	19°♍16'33	
desc. node	-4082 Oct 24 j 19:36	23°♍28'55	
	-4082 Oct 28 j 23:24	0°♎	
max. Earth dist.	-4082 Nov 02 j 08:47	6°♎58'14	1.43783 AU
superior conj	-4082 Nov 07 j 15:20	15°♎29'30	-1°-20'-30
minimum elong	-4082 Nov 07 j 08:27	15°♎01'22	1°19'52
	-4082 Nov 16 j 08:21	0°♏	
evening rise	-4082 Nov 20 j 18:50	7°♏35'30	
	-4082 Dec 04 j 08:58	0°♐	
evening max el	-4082 Dec 08 j 15:11	5°♐15'13	18°13'31
asc. node	-4082 Dec 09 j 05:36	5°♐50'23	
retrograde	-4082 Dec 15 j 04:13	8°♐46'00	
evening set	-4082 Dec 17 j 22:35	8°♐06'34	
inferior conj	-4082 Dec 24 j 05:52	2°♐45'22	3°48'01
minimum elong	-4082 Dec 24 j 03:25	2°♐51'59	3°47'31
min. Earth dist.	-4082 Dec 26 j 17:56	0°♐04'09	0.63169 AU
	-4082 Dec 26 j 19:32	30°℞♏	
morning rise	-4082 Dec 30 j 06:33	26°♏48'34	
direct	-4081 Jan 06 j 07:50	24°♏04'15	
	-4081 Jan 18 j 04:14	0°♐	
morning max el	-4081 Jan 20 j 02:12	1°♐48'06	27°39'53
desc. node	-4081 Jan 20 j 19:15	2°♐30'48	
	-4081 Feb 09 j 23:57	0°♑	
morning set	-4081 Feb 23 j 06:01	24°♑13'32	
	-4081 Feb 26 j 01:58	0°♒	
max. Earth dist.	-4081 Feb 28 j 16:45	5°♒29'19	1.33169 AU
superior conj	-4081 Mar 02 j 21:22	10°♒10'29	0°-43'-35
minimum elong	-4081 Mar 02 j 23:17	10°♒20'48	0°43'23
asc. node	-4081 Mar 07 j 04:52	19°♒28'30	
evening rise	-4081 Mar 10 j 00:37	25°♒29'08	
	-4081 Mar 12 j 04:53	0°♓	
	-4081 Mar 30 j 20:02	0°♈	
evening max el	-4081 Apr 02 j 08:52	2°♈37'13	23°25'50
retrograde	-4081 Apr 15 j 21:50	9°♈19'39	
desc. node	-4081 Apr 18 j 18:02	9°♈01'49	
evening set	-4081 Apr 19 j 15:00	8°♈49'25	
min. Earth dist.	-4081 Apr 26 j 19:59	5°♈31'44	0.55928 AU
inferior conj	-4081 Apr 28 j 17:57	4°♈23'27	-2°-35'-38
minimum elong	-4081 Apr 28 j 12:11	4°♈32'04	2°34'03
morning rise	-4081 May 07 j 12:38	0°♈24'39	
direct	-4081 May 10 j 00:46	0°♈09'05	
morning max el	-4081 May 20 j 11:35	5°♈00'48	20°13'30
asc. node	-4081 Jun 03 j 04:33	25°♈02'01	
	-4081 Jun 05 j 17:56	0°♉	
morning set	-4081 Jun 07 j 18:58	4°♉06'03	
superior conj	-4081 Jun 15 j 14:50	20°♉04'32	1°38'59
minimum elong	-4081 Jun 15 j 12:32	19°♉53'00	1°38'56
max. Earth dist.	-4081 Jun 20 j 16:15	0°♊02'42	1.36488 AU
	-4081 Jun 20 j 15:41	0°♊	
evening rise	-4081 Jun 24 j 18:14	7°♊42'51	
	-4081 Jul 07 j 21:27	0°♋	
desc. node	-4081 Jul 15 j 16:54	11°♋37'09	
evening max el	-4081 Jul 30 j 13:15	29°♋46'01	25°57'02
	-4081 Jul 30 j 19:00	0°♌	
retrograde	-4081 Aug 11 j 23:18	6°♌52'37	
evening set	-4081 Aug 18 j 04:46	4°♌14'24	
	-4081 Aug 22 j 03:01	30°℞♋	
min. Earth dist.	-4081 Aug 22 j 11:01	29°♋35'02	0.66521 AU
inferior conj	-4081 Aug 23 j 17:27	27°♋58'43	-2°-4'-58
minimum elong	-4081 Aug 23 j 20:16	27°♋49'48	2°03'47
morning rise	-4081 Aug 29 j 12:26	22°♋02'36	
asc. node	-4081 Aug 30 j 03:50	21°♋41'20	
direct	-4081 Sep 01 j 17:06	21°♋03'42	
morning max el	-4081 Sep 08 j 17:54	25°♋03'10	19°09'47
	-4081 Sep 12 j 22:02	0°♌	
morning set	-4081 Oct 01 j 10:46	28°♌03'27	
	-4081 Oct 02 j 16:26	0°♍	
desc. node	-4081 Oct 11 j 16:33	14°♍08'50	
max. Earth dist.	-4081 Oct 16 j 00:44	20°♍59'18	1.44653 AU
superior conj	-4081 Oct 18 j 01:01	24°♍10'11	0°-39'-33
minimum elong	-4081 Oct 17 j 20:06	23°♍50'44	0°38'55
	-4081 Oct 21 j 17:03	0°♎	
evening rise	-4081 Nov 02 j 03:55	18°♎31'03	
	-4081 Nov 09 j 04:06	0°♏	
evening max el	-4081 Nov 22 j 03:26	18°♏38'23	18°37'01
asc. node	-4081 Nov 26 j 02:41	21°♏42'10	
retrograde	-4081 Nov 28 j 19:34	22°♏21'54	
evening set	-4081 Dec 01 j 18:46	21°♏32'35	
inferior conj	-4081 Dec 07 j 17:53	15°♏53'03	3°18'41
minimum elong	-4081 Dec 07 j 14:45	16°♏02'22	3°17'49
min. Earth dist.	-4081 Dec 09 j 15:07	13°♏39'09	0.64704 AU
morning rise	-4081 Dec 13 j 09:34	9°♏47'09	
direct	-4081 Dec 20 j 04:15	6°♏57'03	
morning max el	-4080 Jan 02 j 11:30	14°♏35'49	27°10'08
desc. node	-4080 Jan 07 j 16:18	20°♏18'07	
	-4080 Jan 15 j 03:03	0°♐	
	-4080 Feb 02 j 15:16	0°♑	
morning set	-4080 Feb 06 j 21:32	8°♑03'14	
max. Earth dist.	-4080 Feb 11 j 15:18	17°♑30'51	1.34063 AU
superior conj	-4080 Feb 15 j 01:57	24°♑40'01	-1°-7'-9
minimum elong	-4080 Feb 15 j 04:43	24°♑54'33	1°06'52
	-4080 Feb 17 j 14:28	0°♒	
evening rise	-4080 Feb 22 j 11:12	10°♒16'41	
asc. node	-4080 Feb 22 j 01:52	9°♒27'59	
	-4080 Mar 03 j 21:04	0°♓	
evening max el	-4080 Mar 14 j 04:28	13°♓26'35	21°52'55
retrograde	-4080 Mar 26 j 14:46	19°♓27'14	
evening set	-4080 Mar 29 j 08:31	19°♓10'30	
desc. node	-4080 Apr 04 j 15:10	16°♓46'44	
inferior conj	-4080 Apr 07 j 16:21	15°♓06'21	0°-50'-29
minimum elong	-4080 Apr 07 j 14:01	15°♓09'38	0°49'44
min. Earth dist.	-4080 Apr 07 j 09:52	15°♓15'27	0.55206 AU
morning rise	-4080 Apr 16 j 20:29	11°♓06'54	
direct	-4080 Apr 19 j 14:59	10°♓49'47	
morning max el	-4080 May 01 j 17:36	16°♓33'32	21°36'23
	-4080 May 12 j 02:40	0°♈	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4080 May 20 j 01:32	14°♈39'04	
morning set	-4080 May 22 j 03:37	18°♈54'33	
	-4080 May 27 j 10:41	0°♉	
superior conj	-4080 May 29 j 13:55	4°♉28'00	1°24'29
minimum elong	-4080 May 29 j 11:14	4°♉13'59	1°24'15
max. Earth dist.	-4080 Jun 02 j 05:45	11°♉58'47	1.34992 AU
evening rise	-4080 Jun 06 j 20:39	21°♉04'37	
	-4080 Jun 11 j 15:59	0°♊	
	-4080 Jun 30 j 17:54	0°♋	
desc. node	-4080 Jul 01 j 13:55	1°♋06'41	
evening max el	-4080 Jul 12 j 00:32	13°♋13'55	26°51'12
retrograde	-4080 Jul 25 j 02:36	20°♋33'25	
evening set	-4080 Jul 31 j 20:48	17°♋46'42	
min. Earth dist.	-4080 Aug 04 j 19:12	13°♋46'17	0.65557 AU
inferior conj	-4080 Aug 06 j 14:40	11°♋38'19	-2°-52'-30
minimum elong	-4080 Aug 06 j 18:15	11°♋27'44	2°51'15
morning rise	-4080 Aug 12 j 16:50	5°♋55'44	
direct	-4080 Aug 15 j 14:07	5°♋09'28	
asc. node	-4080 Aug 16 j 00:55	5°♋10'35	
morning max el	-4080 Aug 22 j 05:16	8°♋48'25	18°27'55
	-4080 Sep 05 j 21:00	0°♌	
morning set	-4080 Sep 10 j 19:55	8°♌04'32	
	-4080 Sep 24 j 11:27	0°♍	
superior conj	-4080 Sep 26 j 00:23	2°♍26'08	0°09'48
minimum elong	-4080 Sep 26 j 01:40	2°♍31'11	0°09'43
behind sun begin	-4080 Sep 25 j 16:30	1°♍54'59	
behind sun end	-4080 Sep 26 j 10:49	3°♍07'22	
desc. node	-4080 Sep 27 j 13:28	4°♍52'31	
max. Earth dist.	-4080 Sep 27 j 19:01	5°♍14'24	1.44801 AU
evening rise	-4080 Oct 12 j 12:05	28°♍22'42	
	-4080 Oct 13 j 12:48	0°♎	
greatest brilliancy	-4080 Oct 25 j 06:02	18°♎16'37	-0.7m
	-4080 Nov 02 j 16:13	0°♏	
evening max el	-4080 Nov 04 j 12:52	2°♏04'28	19°17'38
retrograde	-4080 Nov 11 j 15:15	6°♏09'45	
asc. node	-4080 Nov 11 j 23:47	6°♏09'01	
evening set	-4080 Nov 14 j 21:08	5°♏08'25	
	-4080 Nov 19 j 23:28	30°℞♎	
inferior conj	-4080 Nov 20 j 14:03	29°♎13'40	2°39'26
minimum elong	-4080 Nov 20 j 11:01	29°♎23'22	2°38'23
min. Earth dist.	-4080 Nov 21 j 21:23	27°♎33'48	0.65881 AU
morning rise	-4080 Nov 26 j 00:05	23°♎01'08	
direct	-4080 Dec 02 j 06:46	20°♎17'52	
morning max el	-4080 Dec 14 j 21:12	27°♎41'28	26°12'36
	-4080 Dec 17 j 02:10	0°♏	
desc. node	-4080 Dec 24 j 13:18	9°♏02'24	
	-4079 Jan 07 j 19:36	0°♐	
morning set	-4079 Jan 20 j 00:00	21°♐08'33	
max. Earth dist.	-4079 Jan 24 j 02:22	28°♐57'37	1.35403 AU
	-4079 Jan 24 j 15:08	0°♑	
superior conj	-4079 Jan 28 j 23:51	8°♑44'05	-1°-28'-2
minimum elong	-4079 Jan 29 j 02:59	9°♑00'05	1°27'50
evening rise	-4079 Feb 05 j 18:49	24°♑48'54	
asc. node	-4079 Feb 07 j 22:53	29°♑13'00	
	-4079 Feb 08 j 08:18	0°♒	
evening max el	-4079 Feb 24 j 08:44	24°♒41'58	20°30'36
retrograde	-4079 Mar 07 j 04:58	29°♒51'19	
evening set	-4079 Mar 09 j 13:00	29°♒37'58	
inferior conj	-4079 Mar 18 j 12:30	25°♒39'51	1°05'31
minimum elong	-4079 Mar 18 j 15:21	25°♒35'41	1°04'27
min. Earth dist.	-4079 Mar 19 j 23:59	24°♒48'01	0.55404 AU
desc. node	-4079 Mar 22 j 12:18	23°♒24'19	
morning rise	-4079 Mar 27 j 15:46	21°♒21'15	
direct	-4079 Mar 31 j 03:49	20°♒54'33	

morning max el	-4079 Apr 13 j 14:01	27°♒28'40	23°12'24
	-4079 Apr 16 j 01:13	0°♓	
	-4079 May 04 j 17:47	0°♈	
morning set	-4079 May 06 j 14:56	3°♈53'09	
asc. node	-4079 May 06 j 22:31	4°♈32'52	
superior conj	-4079 May 13 j 19:17	19°♈11'42	1°05'48
minimum elong	-4079 May 13 j 16:49	18°♈58'28	1°05'27
max. Earth dist.	-4079 May 16 j 04:56	24°♈17'02	1.33857 AU
	-4079 May 18 j 23:03	0°♉	
evening rise	-4079 May 21 j 11:49	5°♉06'04	
	-4079 Jun 04 j 08:23	0°♊	
desc. node	-4079 Jun 18 j 10:59	19°♊55'32	
evening max el	-4079 Jun 24 j 11:26	26°♊27'40	27°21'15
	-4079 Jun 28 j 14:11	0°♋	
retrograde	-4079 Jul 08 j 00:34	3°♋52'11	
evening set	-4079 Jul 15 j 02:46	1°♋07'59	
	-4079 Jul 16 j 11:18	30°℞♊	
min. Earth dist.	-4079 Jul 18 j 18:57	27°♊43'48	0.64205 AU
inferior conj	-4079 Jul 21 j 04:25	25°♊09'35	-3°-33'-33
minimum elong	-4079 Jul 21 j 08:08	24°♊59'34	3°32'33
morning rise	-4079 Jul 27 j 15:14	19°♊43'41	
direct	-4079 Jul 30 j 07:22	19°♊07'04	
asc. node	-4079 Aug 02 j 22:00	20°♊13'25	
morning max el	-4079 Aug 05 j 19:40	22°♊34'16	18°03'12
	-4079 Aug 11 j 14:50	0°♋	
morning set	-4079 Aug 23 j 07:59	19°♋22'31	
	-4079 Aug 29 j 14:42	0°♌	
superior conj	-4079 Sep 05 j 12:20	11°♌22'32	0°54'45
minimum elong	-4079 Sep 05 j 17:49	11°♌44'49	0°54'15
max. Earth dist.	-4079 Sep 10 j 11:56	19°♌23'15	1.44225 AU
desc. node	-4079 Sep 14 j 10:24	25°♌37'01	
	-4079 Sep 17 j 05:31	0°♍	
evening rise	-4079 Sep 21 j 22:50	7°♍20'03	
	-4079 Oct 06 j 21:38	0°♎	
greatest brilliancy	-4079 Oct 11 j 22:39	7°♎10'52	-0.6m
evening max el	-4079 Oct 18 j 17:29	15°♎31'06	20°13'41
retrograde	-4079 Oct 26 j 12:29	20°♎05'46	
asc. node	-4079 Oct 29 j 20:55	19°♎00'37	
evening set	-4079 Oct 30 j 03:17	18°♎49'50	
inferior conj	-4079 Nov 04 j 15:46	12°♎43'26	1°53'29
minimum elong	-4079 Nov 04 j 13:22	12°♎51'29	1°52'33
min. Earth dist.	-4079 Nov 05 j 10:47	11°♎39'43	0.66709 AU
morning rise	-4079 Nov 09 j 22:52	6°♎26'54	
direct	-4079 Nov 15 j 14:55	3°♎59'12	
morning max el	-4079 Nov 27 j 06:03	10°♎54'23	24°56'11
desc. node	-4079 Dec 11 j 10:17	28°♎26'59	
	-4079 Dec 12 j 12:35	0°♏	
	-4079 Dec 31 j 11:51	0°♐	
morning set	-4078 Jan 02 j 08:09	3°♐14'43	
max. Earth dist.	-4078 Jan 06 j 02:39	10°♐04'14	1.37159 AU
superior conj	-4078 Jan 12 j 12:05	22°♐14'26	-1°-44'-22
minimum elong	-4078 Jan 12 j 14:47	22°♐27'38	1°44'22
	-4078 Jan 16 j 09:57	0°♑	
evening rise	-4078 Jan 20 j 21:24	8°♑59'45	
asc. node	-4078 Jan 25 j 19:56	18°♑37'57	
	-4078 Feb 01 j 13:37	0°♒	
evening max el	-4078 Feb 06 j 23:41	6°♒33'33	19°25'20
retrograde	-4078 Feb 16 j 04:21	10°♒55'45	
evening set	-4078 Feb 18 j 12:20	10°♒40'08	
inferior conj	-4078 Feb 26 j 20:14	6°♒32'50	2°40'36
minimum elong	-4078 Feb 27 j 01:16	6°♒24'33	2°39'08
min. Earth dist.	-4078 Mar 01 j 14:53	4°♒43'58	0.56485 AU
morning rise	-4078 Mar 07 j 10:30	1°♒44'35	
desc. node	-4078 Mar 09 j 09:26	1°♒11'41	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4078 Mar 12 j 02:56	0°♒54'27	
morning max el	-4078 Mar 26 j 05:16	8°♒04'30	24°50'46
	-4078 Apr 11 j 07:59	0°♓	
morning set	-4078 Apr 21 j 03:11	18°♓55'45	
asc. node	-4078 Apr 23 j 19:31	24°♓37'59	
	-4078 Apr 26 j 07:00	0°♈	
superior conj	-4078 Apr 28 j 04:37	4°♈07'45	0°44'10
minimum elong	-4078 Apr 28 j 02:47	3°♈57'50	0°43'48
max. Earth dist.	-4078 Apr 29 j 12:15	6°♈58'54	1.33089 AU
evening rise	-4078 May 05 j 11:56	19°♈35'17	
	-4078 May 10 j 19:16	0°♉	
	-4078 May 29 j 15:38	0°♊	
desc. node	-4078 Jun 05 j 08:05	7°♊46'19	
evening max el	-4078 Jun 06 j 20:05	9°♊15'37	27°21'22
retrograde	-4078 Jun 20 j 16:27	16°♊39'29	
evening set	-4078 Jun 27 j 18:58	14°♊11'47	
min. Earth dist.	-4078 Jul 01 j 09:06	11°♊15'37	0.62493 AU
inferior conj	-4078 Jul 04 j 07:47	8°♊26'17	-4°-4'-12
minimum elong	-4078 Jul 04 j 10:37	8°♊19'28	4°03'40
morning rise	-4078 Jul 11 j 04:40	3°♊19'41	
direct	-4078 Jul 13 j 17:44	2°♊50'12	
morning max el	-4078 Jul 20 j 10:22	6°♊14'34	17°56'33
asc. node	-4078 Jul 20 j 19:04	6°♊36'24	
	-4078 Aug 04 j 19:01	0°♋	
morning set	-4078 Aug 05 j 18:22	1°♋44'22	
superior conj	-4078 Aug 17 j 02:22	21°♋36'24	1°26'43
minimum elong	-4078 Aug 17 j 07:33	21°♋58'24	1°26'26
	-4078 Aug 22 j 02:46	0°♌	
max. Earth dist.	-4078 Aug 24 j 00:51	3°♌08'42	1.43017 AU
evening rise	-4078 Sep 01 j 03:01	16°♌02'03	
desc. node	-4078 Sep 01 j 07:20	16°♌18'55	
	-4078 Sep 10 j 06:11	0°♍	
greatest brilliancy	-4078 Sep 26 j 11:57	22°♍57'29	-0.4m
evening max el	-4078 Oct 01 j 16:04	28°♍56'41	21°22'33
	-4078 Oct 02 j 17:48	0°♎	
retrograde	-4078 Oct 10 j 09:09	4°♎06'40	
evening set	-4078 Oct 14 j 11:10	2°♎33'27	
asc. node	-4078 Oct 16 j 18:03	0°♎20'50	
	-4078 Oct 17 j 01:13	30°℞♍	
inferior conj	-4078 Oct 19 j 20:49	26°♍18'53	1°03'10
minimum elong	-4078 Oct 19 j 19:24	26°♍23'47	1°02'37
min. Earth dist.	-4078 Oct 20 j 04:49	25°♍51'24	0.67217 AU
morning rise	-4078 Oct 25 j 03:17	20°♍01'22	
direct	-4078 Oct 30 j 04:02	17°♍53'57	
morning max el	-4078 Nov 09 j 15:08	24°♍09'01	23°30'41
	-4078 Nov 14 j 20:01	0°♎	
desc. node	-4078 Nov 28 j 07:15	18°♎19'34	
	-4078 Dec 05 j 23:48	0°♏	
morning set	-4078 Dec 14 j 15:44	14°♏04'32	
max. Earth dist.	-4078 Dec 18 j 22:05	21°♏23'45	1.39189 AU
	-4078 Dec 23 j 17:38	0°♐	
superior conj	-4078 Dec 26 j 10:32	4°♐59'29	-1°-53'-36
minimum elong	-4078 Dec 26 j 11:34	5°♐04'19	1°53'46
evening rise	-4077 Jan 04 j 16:20	22°♐42'02	
	-4077 Jan 08 j 11:51	0°♑	
asc. node	-4077 Jan 12 j 17:00	7°♑35'31	
evening max el	-4077 Jan 21 j 00:09	18°♑58'34	18°39'42
retrograde	-4077 Jan 28 j 21:11	22°♑47'45	
evening set	-4077 Jan 31 j 08:00	22°♑26'57	
inferior conj	-4077 Feb 07 j 23:16	18°♑00'56	3°38'48
minimum elong	-4077 Feb 08 j 02:48	17°♑54'12	3°38'06
min. Earth dist.	-4077 Feb 11 j 07:39	15°♑29'00	0.58190 AU
morning rise	-4077 Feb 15 j 17:57	12°♑45'32	
direct	-4077 Feb 21 j 15:14	11°♑19'25	
desc. node	-4077 Feb 24 j 06:33	11°♑36'35	
morning max el	-4077 Mar 07 j 21:22	18°♑48'23	26°16'55
	-4077 Mar 17 j 07:28	0°♒	
	-4077 Apr 03 j 16:58	0°♓	
morning set	-4077 Apr 05 j 14:42	3°♓56'24	
asc. node	-4077 Apr 10 j 16:30	14°♓49'52	
superior conj	-4077 Apr 12 j 16:00	19°♓09'30	0°20'32
minimum elong	-4077 Apr 12 j 15:07	19°♓04'36	0°20'17
max. Earth dist.	-4077 Apr 13 j 00:34	19°♓56'17	1.32667 AU
	-4077 Apr 17 j 16:09	0°♈	
evening rise	-4077 Apr 19 j 18:05	4°♈22'30	
	-4077 May 03 j 13:47	0°♉	
evening max el	-4077 May 20 j 00:09	21°♉26'56	26°48'40
desc. node	-4077 May 23 j 05:12	24°♉14'50	
retrograde	-4077 Jun 03 j 00:48	28°♉47'12	
evening set	-4077 Jun 09 j 17:19	26°♉49'36	
min. Earth dist.	-4077 Jun 13 j 13:41	24°♉07'35	0.60523 AU
inferior conj	-4077 Jun 16 j 21:22	21°♉20'29	-4°-18'-21
minimum elong	-4077 Jun 16 j 21:55	21°♉19'19	4°18'13
morning rise	-4077 Jun 24 j 05:43	16°♉35'23	
direct	-4077 Jun 26 j 17:29	16°♉11'14	
morning max el	-4077 Jul 03 j 22:36	19°♉42'38	18°08'58
asc. node	-4077 Jul 07 j 16:08	24°♉04'08	
	-4077 Jul 11 j 14:02	0°♊	
morning set	-4077 Jul 19 j 21:39	14°♊56'36	
	-4077 Jul 28 j 00:54	0°♋	
superior conj	-4077 Jul 29 j 19:19	3°♋11'03	1°44'09
minimum elong	-4077 Jul 29 j 21:56	3°♋22'46	1°44'11
max. Earth dist.	-4077 Aug 06 j 08:37	16°♋18'39	1.41340 AU
evening rise	-4077 Aug 11 j 20:48	25°♋24'09	
	-4077 Aug 14 j 17:47	0°♌	
desc. node	-4077 Aug 19 j 04:19	6°♌55'16	
	-4077 Sep 04 j 02:45	0°♍	
greatest brilliancy	-4077 Sep 09 j 13:21	6°♍59'06	-0.3m
evening max el	-4077 Sep 14 j 08:48	12°♍22'31	22°40'06
retrograde	-4077 Sep 24 j 03:40	18°♍10'48	
evening set	-4077 Sep 28 j 18:59	16°♍18'14	
asc. node	-4077 Oct 03 j 15:12	10°♍40'53	
inferior conj	-4077 Oct 04 j 03:22	9°♍58'55	0°10'25
minimum elong	-4077 Oct 04 j 03:07	9°♍59'46	0°10'24
transit middle	-4077 Oct 04 j 03:07	9°♍59'46	0°10'24
transit begin	-4077 Oct 04 j 01:02	10°♍06'58	
transit end	-4077 Oct 04 j 05:12	9°♍52'35	
min. Earth dist.	-4077 Oct 04 j 01:01	10°♍07'01	0.67425 AU
morning rise	-4077 Oct 09 j 11:10	3°♍43'25	
direct	-4077 Oct 13 j 21:14	1°♍57'45	
morning max el	-4077 Oct 23 j 03:41	7°♍28'06	22°05'16
greatest brilliancy	-4077 Oct 27 j 22:38	12°♍54'22	-0.4m
	-4077 Nov 09 j 10:28	0°♎	
desc. node	-4077 Nov 15 j 04:12	8°♎32'13	
morning set	-4077 Nov 24 j 18:37	23°♎30'15	
	-4077 Nov 28 j 18:27	0°♏	
max. Earth dist.	-4077 Nov 30 j 21:03	3°♏30'09	1.41233 AU
superior conj	-4077 Dec 08 j 14:02	16°♏45'58	-1°-52'-24
minimum elong	-4077 Dec 08 j 11:58	16°♏36'52	1°52'29
	-4077 Dec 15 j 21:18	0°♐	
evening rise	-4077 Dec 19 j 00:30	5°♐48'46	
asc. node	-4077 Dec 30 j 14:05	25°♐56'59	
	-4076 Jan 02 j 15:10	0°♑	
evening max el	-4076 Jan 04 j 07:32	1°♑49'06	18°14'08
retrograde	-4076 Jan 11 j 08:18	5°♑21'09	
evening set	-4076 Jan 13 j 21:46	4°♑53'54	
inferior conj	-4076 Jan 20 j 22:29	0°♑05'44	4°01'58
minimum elong	-4076 Jan 20 j 23:12	0°♑04'10	4°01'47

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4076 Jan 21 j 01:05	30℞♐		
min. Earth dist.	-4076 Jan 24 j 05:14	27°♐12'48	0.60174 AU	
morning rise	-4076 Jan 27 j 21:46	24°♐29'55		
direct	-4076 Feb 03 j 14:49	22°♐25'43		
desc. node	-4076 Feb 11 j 03:40	24°♐47'18		
	-4076 Feb 17 j 17:19	0°♑		
morning max el	-4076 Feb 17 j 18:57	0°♑03'59	27°16'50	
	-4076 Mar 10 j 05:10	0°♒		
morning set	-4076 Mar 19 j 23:39	18°♒47'53		
	-4076 Mar 25 j 05:51	0°♓		
max. Earth dist.	-4076 Mar 26 j 14:04	2°♓55'38	1.32582 AU	
superior conj	-4076 Mar 27 j 03:41	4°♓10'05	0°-4'-16	
minimum elong	-4076 Mar 27 j 03:53	4°♓11'08	0°04'20	
behind sun begin	-4076 Mar 26 j 23:02	3°♓44'38		
behind sun end	-4076 Mar 27 j 08:44	4°♓37'39		
asc. node	-4076 Mar 27 j 13:29	5°♓03'41		
evening rise	-4076 Apr 03 j 03:52	19°♓18'34		
	-4076 Apr 08 j 11:00	0°♈		
	-4076 Apr 28 j 01:49	0°♉		
evening max el	-4076 Apr 30 j 21:49	2°♉55'09	25°45'13	
desc. node	-4076 May 09 j 02:22	8°♉47'25		
retrograde	-4076 May 14 j 23:48	10°♉09'10		
evening set	-4076 May 20 j 18:19	8°♉49'22		
min. Earth dist.	-4076 May 25 j 10:14	6°♉04'43	0.58495 AU	
inferior conj	-4076 May 28 j 17:24	3°♉41'10	-4°-7'-16	
minimum elong	-4076 May 28 j 14:31	3°♉46'26	4°06'55	
	-4076 Jun 03 j 15:28	30℞♈		
morning rise	-4076 Jun 05 j 14:40	29°♈18'08		
direct	-4076 Jun 08 j 02:03	28°♈58'15		
	-4076 Jun 12 j 07:24	0°♉		
morning max el	-4076 Jun 16 j 05:26	2°♉49'02	18°41'19	
asc. node	-4076 Jun 23 j 13:09	12°♉21'17		
morning set	-4076 Jul 02 j 13:09	28°♉46'06		
	-4076 Jul 03 j 04:22	0°♊		
superior conj	-4076 Jul 11 j 09:59	15°♊51'38	1°49'13	
minimum elong	-4076 Jul 11 j 10:02	15°♊51'51	1°49'23	
max. Earth dist.	-4076 Jul 18 j 11:39	28°♊45'36	1.39411 AU	
	-4076 Jul 19 j 04:34	0°♋		
evening rise	-4076 Jul 22 j 15:30	5°♋57'36		
desc. node	-4076 Aug 05 j 01:20	27°♋21'16		
	-4076 Aug 06 j 20:02	0°♌		
evening max el	-4076 Aug 26 j 21:13	25°♌49'44	24°00'51	
	-4076 Aug 31 j 18:31	0°♍		
retrograde	-4076 Sep 06 j 18:55	2°♍14'57		
evening set	-4076 Sep 12 j 00:58	0°♍02'30		
	-4076 Sep 12 j 02:08	30℞♌		
inferior conj	-4076 Sep 17 j 09:39	23°♌41'48	0°-43'-4	
minimum elong	-4076 Sep 17 j 10:39	23°♌38'24	0°42'33	
min. Earth dist.	-4076 Sep 16 j 20:56	24°♌24'55	0.67327 AU	
asc. node	-4076 Sep 19 j 12:18	20°♌55'05		
morning rise	-4076 Sep 22 j 20:32	17°♌31'26		
direct	-4076 Sep 26 j 17:26	16°♌06'18		
morning max el	-4076 Oct 04 j 22:38	20°♌55'27	20°47'11	
greatest brilliancy	-4076 Oct 10 j 21:57	28°♌00'21	-0.5m	
	-4076 Oct 12 j 09:53	0°♍		
desc. node	-4076 Nov 01 j 01:09	28°♍59'06		
	-4076 Nov 01 j 16:53	0°♎		
morning set	-4076 Nov 02 j 22:12	1°♎53'48		
max. Earth dist.	-4076 Nov 12 j 03:26	16°♎31'22	1.42991 AU	
superior conj	-4076 Nov 18 j 16:54	27°♎20'21	-1°-36'-58	
minimum elong	-4076 Nov 18 j 11:12	26°♎56'28	1°36'36	
	-4076 Nov 20 j 06:46	0°♏		
evening rise	-4076 Nov 30 j 18:03	18°♏12'12		
	-4076 Dec 07 j 11:07	0°♐		
asc. node	-4076 Dec 16 j 11:10	13°♐31'24		
evening max el	-4076 Dec 17 j 18:58	14°♐57'22	18°08'16	
retrograde	-4076 Dec 24 j 09:51	18°♐25'43		
evening set	-4076 Dec 27 j 02:06	17°♐51'09		
inferior conj	-4075 Jan 02 j 15:00	12°♐41'22	3°58'42	
minimum elong	-4075 Jan 02 j 13:24	12°♐45'24	3°58'24	
min. Earth dist.	-4075 Jan 05 j 11:02	9°♐50'23	0.62129 AU	
morning rise	-4075 Jan 08 j 22:37	6°♐50'47		
direct	-4075 Jan 15 j 23:44	4°♐17'10		
desc. node	-4075 Jan 28 j 00:44	10°♐12'48		
morning max el	-4075 Jan 29 j 22:56	12°♐00'49	27°42'04	
	-4075 Feb 13 j 06:16	0°♑		
	-4075 Mar 02 j 11:37	0°♒		
morning set	-4075 Mar 04 j 03:59	3°♒22'57		
max. Earth dist.	-4075 Mar 10 j 00:50	15°♒42'31	1.32844 AU	
superior conj	-4075 Mar 11 j 14:03	19°♒03'41	0°-29'-22	
minimum elong	-4075 Mar 11 j 15:22	19°♒10'49	0°29'13	
asc. node	-4075 Mar 14 j 10:30	25°♒15'30		
	-4075 Mar 16 j 15:09	0°♓		
evening rise	-4075 Mar 18 j 15:21	4°♓16'25		
	-4075 Apr 01 j 13:54	0°♈		
evening max el	-4075 Apr 12 j 14:22	13°♈49'00	24°19'44	
desc. node	-4075 Apr 25 j 23:29	20°♈47'45		
retrograde	-4075 Apr 26 j 11:36	20°♈48'20		
evening set	-4075 Apr 30 j 23:00	20°♈03'23		
min. Earth dist.	-4075 May 07 j 02:10	17°♈01'01	0.56710 AU	
inferior conj	-4075 May 09 j 17:25	15°♈20'57	-3°-20'-51	
minimum elong	-4075 May 09 j 11:44	15°♈29'59	3°19'35	
morning rise	-4075 May 18 j 04:34	11°♈16'17		
direct	-4075 May 20 j 15:47	10°♈59'49		
morning max el	-4075 May 30 j 04:08	15°♈24'50	19°34'05	
	-4075 Jun 09 j 17:02	0°♉		
asc. node	-4075 Jun 10 j 10:09	1°♉16'27		
morning set	-4075 Jun 16 j 13:20	13°♉03'54		
superior conj	-4075 Jun 24 j 16:43	29°♉22'17	1°44'49	
minimum elong	-4075 Jun 24 j 15:01	29°♉13'55	1°44'53	
	-4075 Jun 25 j 00:23	0°♊		
max. Earth dist.	-4075 Jun 30 j 13:46	10°♊38'26	1.37495 AU	
evening rise	-4075 Jul 04 j 11:37	17°♊46'15		
	-4075 Jul 11 j 14:41	0°♋		
desc. node	-4075 Jul 22 j 22:22	17°♋31'25		
	-4075 Aug 01 j 02:46	0°♌		
evening max el	-4075 Aug 09 j 07:48	9°♌19'27	25°17'42	
retrograde	-4075 Aug 21 j 06:08	16°♌14'41		
evening set	-4075 Aug 27 j 03:16	13°♌44'22		
min. Earth dist.	-4075 Aug 31 j 14:14	8°♌43'07	0.66910 AU	
inferior conj	-4075 Sep 01 j 13:55	7°♌25'42	-1°-35'-44	
minimum elong	-4075 Sep 01 j 16:08	7°♌18'29	1°34'44	
asc. node	-4075 Sep 06 j 09:23	2°♌00'32		
morning rise	-4075 Sep 07 j 05:31	1°♌23'30		
direct	-4075 Sep 10 j 15:21	0°♌16'08		
morning max el	-4075 Sep 18 j 00:51	4°♌31'33	19°41'06	
greatest brilliancy	-4075 Sep 26 j 10:07	15°♌11'04	-0.6m	
	-4075 Oct 06 j 07:15	0°♍		
morning set	-4075 Oct 12 j 21:53	10°♍13'12		
desc. node	-4075 Oct 18 j 22:05	19°♍35'18		
max. Earth dist.	-4075 Oct 25 j 16:10	0°♎13'56	1.44231 AU	
	-4075 Oct 25 j 12:39	0°♎		
superior conj	-4075 Oct 29 j 16:11	6°♎37'27	-1°-4'-49	
minimum elong	-4075 Oct 29 j 09:25	6°♎10'13	1°04'04	
evening rise	-4075 Nov 12 j 16:19	29°♎42'19		
	-4075 Nov 12 j 20:31	0°♏		
evening max el	-4075 Dec 01 j 07:37	28°♏16'09	18°21'20	
asc. node	-4075 Dec 03 j 08:16	0°♐04'42		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4075 Dec 03 j 05:48	0°♐	
retrograde	-4075 Dec 07 j 21:16	1°♐51'34	
evening set	-4075 Dec 10 j 17:21	1°♐08'21	
	-4075 Dec 12 j 11:58	30°℞♏	
inferior conj	-4075 Dec 16 j 20:55	25°♏39'02	3°37'04
minimum elong	-4075 Dec 16 j 18:03	25°♏47'05	3°36'23
min. Earth dist.	-4075 Dec 19 j 02:42	23°♏07'56	0.63856 AU
morning rise	-4075 Dec 22 j 17:15	19°♏37'44	
direct	-4075 Dec 29 j 16:29	16°♏49'03	
morning max el	-4074 Jan 12 j 07:05	24°♏32'45	27°31'10
desc. node	-4074 Jan 14 j 21:46	27°♏16'32	
	-4074 Jan 17 j 07:00	0°♐	
	-4074 Feb 06 j 14:47	0°♑	
morning set	-4074 Feb 16 j 01:05	17°♑31'45	
max. Earth dist.	-4074 Feb 21 j 04:41	28°♑01'49	1.33490 AU
	-4074 Feb 22 j 03:11	0°♒	
superior conj	-4074 Feb 23 j 21:17	3°♒43'18	0°-53'-50
minimum elong	-4074 Feb 23 j 23:36	3°♒55'39	0°53'33
asc. node	-4074 Mar 01 j 07:30	15°♒20'19	
evening rise	-4074 Mar 03 j 02:42	19°♒08'38	
	-4074 Mar 08 j 11:58	0°♓	
evening max el	-4074 Mar 25 j 06:59	24°♓31'32	22°45'39
	-4074 Apr 02 j 09:01	0°♈	
retrograde	-4074 Apr 07 j 10:56	0°♈58'48	
evening set	-4074 Apr 10 j 16:16	0°♈36'03	
desc. node	-4074 Apr 12 j 20:35	29°♓56'42	
	-4074 Apr 12 j 16:57	30°℞♓	
min. Earth dist.	-4074 Apr 18 j 16:38	27°♓04'10	0.55510 AU
inferior conj	-4074 Apr 19 j 22:58	26°♓20'29	-1°-54'-26
minimum elong	-4074 Apr 19 j 18:08	26°♓27'28	1°52'56
morning rise	-4074 Apr 28 j 22:31	22°♓23'28	
direct	-4074 May 01 j 12:02	22°♓08'03	
morning max el	-4074 May 12 j 16:31	27°♓21'39	20°46'42
	-4074 May 15 j 05:50	0°♈	
asc. node	-4074 May 28 j 07:09	20°♈40'16	
morning set	-4074 May 31 j 19:31	27°♈42'50	
	-4074 Jun 01 j 22:14	0°♉	
superior conj	-4074 Jun 08 j 10:52	13°♉29'35	1°33'27
minimum elong	-4074 Jun 08 j 08:19	13°♉16'33	1°33'19
max. Earth dist.	-4074 Jun 12 j 21:31	22°♉24'41	1.35808 AU
	-4074 Jun 16 j 20:18	0°♊	
evening rise	-4074 Jun 17 j 04:32	0°♊38'37	
	-4074 Jul 04 j 16:57	0°♋	
desc. node	-4074 Jul 09 j 19:23	7°♋18'37	
evening max el	-4074 Jul 22 j 18:44	22°♋50'22	26°22'34
	-4074 Aug 03 j 09:35	0°♌	
retrograde	-4074 Aug 04 j 12:38	0°♌04'26	
	-4074 Aug 05 j 15:04	30°℞♋	
evening set	-4074 Aug 10 j 23:46	27°♋21'31	
min. Earth dist.	-4074 Aug 15 j 02:32	22°♋58'36	0.66152 AU
inferior conj	-4074 Aug 16 j 14:21	21°♋08'17	-2°-25'-45
minimum elong	-4074 Aug 16 j 17:33	20°♋58'25	2°24'31
morning rise	-4074 Aug 22 j 12:13	15°♋17'25	
asc. node	-4074 Aug 24 j 06:28	14°♋33'51	
direct	-4074 Aug 25 j 13:21	14°♋24'25	
morning max el	-4074 Sep 01 j 09:24	18°♋14'30	18°49'53
	-4074 Sep 10 j 06:36	0°♌	
morning set	-4074 Sep 22 j 15:41	19°♌29'15	
	-4074 Sep 29 j 06:35	0°♍	
desc. node	-4074 Oct 05 j 19:01	10°♍17'19	
superior conj	-4074 Oct 08 j 18:57	15°♍00'44	0°-18'-55
minimum elong	-4074 Oct 08 j 16:28	14°♍50'57	0°18'34
max. Earth dist.	-4074 Oct 08 j 08:59	14°♍21'28	1.44803 AU
	-4074 Oct 18 j 06:17	0°♎	
evening rise	-4074 Oct 24 j 14:56	10°♎10'38	
	-4074 Nov 06 j 01:32	0°♏	
evening max el	-4074 Nov 14 j 18:59	11°♏41'02	18°52'19
asc. node	-4074 Nov 20 j 05:21	15°♏21'57	
retrograde	-4074 Nov 21 j 14:43	15°♏32'45	
evening set	-4074 Nov 24 j 16:28	14°♏38'45	
inferior conj	-4074 Nov 30 j 12:45	8°♏52'38	3°03'00
minimum elong	-4074 Nov 30 j 09:35	9°♏02'22	3°02'02
min. Earth dist.	-4074 Dec 02 j 04:01	6°♏52'22	0.65252 AU
morning rise	-4074 Dec 06 j 01:39	2°♏43'33	
	-4074 Dec 11 j 10:42	30°℞♎	
direct	-4074 Dec 12 j 15:50	29°♎54'37	
	-4074 Dec 13 j 21:41	0°♏	
morning max el	-4074 Dec 25 j 16:38	7°♏28'48	26°48'26
desc. node	-4073 Jan 01 j 18:49	15°♏30'18	
	-4073 Jan 12 j 06:19	0°♐	
	-4073 Jan 29 j 22:11	0°♑	
morning set	-4073 Jan 30 j 11:33	1°♑03'39	
max. Earth dist.	-4073 Feb 03 j 22:09	9°♑45'48	1.34574 AU
superior conj	-4073 Feb 07 j 23:20	18°♑02'30	-1°-16'-27
minimum elong	-4073 Feb 08 j 02:20	18°♑18'04	1°16'11
	-4073 Feb 13 j 16:11	0°♒	
evening rise	-4073 Feb 15 j 12:13	3°♒49'35	
asc. node	-4073 Feb 16 j 04:31	5°♒13'46	
	-4073 Mar 02 j 09:32	0°♓	
evening max el	-4073 Mar 07 j 05:55	5°♓29'49	21°16'11
retrograde	-4073 Mar 19 j 00:57	11°♓08'29	
evening set	-4073 Mar 21 j 12:49	10°♓54'14	
inferior conj	-4073 Mar 30 j 18:34	6°♓55'16	0°00'-34
minimum elong	-4073 Mar 30 j 18:32	6°♓55'19	0°00'39
transit middle	-4073 Mar 30 j 18:32	6°♓55'19	0°00'39
transit begin	-4073 Mar 30 j 14:26	7°♓01'06	
transit end	-4073 Mar 30 j 22:38	6°♓49'31	
desc. node	-4073 Mar 30 j 17:44	6°♓56'27	
min. Earth dist.	-4073 Mar 31 j 06:45	6°♓38'03	0.55171 AU
morning rise	-4073 Apr 08 j 23:47	2°♓49'22	
direct	-4073 Apr 12 j 00:19	2°♓29'21	
morning max el	-4073 Apr 24 j 17:59	8°♓36'17	22°16'08
	-4073 May 09 j 20:36	0°♈	
asc. node	-4073 May 15 j 04:08	10°♈24'51	
morning set	-4073 May 16 j 05:31	12°♈35'56	
superior conj	-4073 May 23 j 12:55	28°♈02'16	1°17'00
minimum elong	-4073 May 23 j 10:15	27°♈48'14	1°16'42
	-4073 May 24 j 11:21	0°♉	
max. Earth dist.	-4073 May 26 j 15:11	4°♉29'07	1.34463 AU
evening rise	-4073 May 31 j 12:54	14°♉18'55	
	-4073 Jun 09 j 01:49	0°♊	
desc. node	-4073 Jun 26 j 16:26	26°♊32'39	
	-4073 Jun 29 j 11:46	0°♋	
evening max el	-4073 Jul 05 j 06:15	6°♋14'30	27°07'26
retrograde	-4073 Jul 18 j 13:45	13°♋36'41	
evening set	-4073 Jul 25 j 11:55	10°♋49'52	
min. Earth dist.	-4073 Jul 29 j 07:30	7°♋05'08	0.65028 AU
inferior conj	-4073 Jul 31 j 08:44	4°♋45'19	-3°-10'-56
minimum elong	-4073 Jul 31 j 12:29	4°♋34'40	3°09'44
	-4073 Aug 05 j 04:58	30°℞♊	
morning rise	-4073 Aug 06 j 14:23	29°♊09'07	
direct	-4073 Aug 09 j 09:13	28°♊27'14	
asc. node	-4073 Aug 11 j 03:33	28°♊43'56	
	-4073 Aug 13 j 14:37	0°♋	
morning max el	-4073 Aug 15 j 22:19	2°♋00'17	18°15'10
	-4073 Sep 03 j 11:38	0°♌	
morning set	-4073 Sep 03 j 12:41	0°♌04'21	
superior conj	-4073 Sep 17 j 21:05	23°♌26'26	0°30'05

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4073 Sep 18 j 00:42	23°♌40'53	0°29'44
max. Earth dist.	-4073 Sep 21 j 03:07	28°♌36'10	1.44649 AU
	-4073 Sep 22 j 00:20	0°♍	
desc. node	-4073 Sep 22 j 15:55	1°♍01'30	
evening rise	-4073 Oct 04 j 12:54	19°♍36'08	
	-4073 Oct 11 j 05:40	0°♎	
greatest brilliancy	-4073 Oct 20 j 19:50	14°♎29'25	-0.7m
evening max el	-4073 Oct 29 j 02:41	25°♎07'53	19°39'47
retrograde	-4073 Nov 05 j 11:15	29°♎24'18	
asc. node	-4073 Nov 07 j 02:28	29°♎08'50	
evening set	-4073 Nov 08 j 20:44	28°♎17'01	
inferior conj	-4073 Nov 14 j 11:34	22°♎17'05	2°20'34
minimum elong	-4073 Nov 14 j 08:45	22°♎26'18	2°19'32
min. Earth dist.	-4073 Nov 15 j 13:30	20°♎52'32	0.66283 AU
morning rise	-4073 Nov 19 j 20:05	16°♎02'46	
direct	-4073 Nov 25 j 20:53	13°♎25'11	
morning max el	-4073 Dec 08 j 01:47	20°♎37'37	25°41'45
	-4073 Dec 16 j 04:54	0°♏	
desc. node	-4073 Dec 19 j 15:50	4°♏33'16	
	-4072 Jan 05 j 10:08	0°♐	
morning set	-4072 Jan 13 j 06:56	13°♐45'30	
max. Earth dist.	-4072 Jan 17 j 04:09	21°♐00'27	1.36105 AU
	-4072 Jan 21 j 18:50	0°♑	
superior conj	-4072 Jan 22 j 17:35	1°♑53'40	-1°-35'-39
minimum elong	-4072 Jan 22 j 20:39	2°♑09'05	1°35'32
evening rise	-4072 Jan 30 j 17:59	18°♑13'38	
asc. node	-4072 Feb 03 j 01:33	24°♑51'01	
	-4072 Feb 05 j 18:33	0°♒	
evening max el	-4072 Feb 17 j 14:50	17°♒00'44	20°00'34
retrograde	-4072 Feb 27 j 17:21	21°♒48'20	
evening set	-4072 Mar 01 j 00:54	21°♒34'22	
inferior conj	-4072 Mar 09 j 18:13	17°♒33'57	1°49'52
minimum elong	-4072 Mar 09 j 22:32	17°♒27'23	1°48'24
min. Earth dist.	-4072 Mar 11 j 20:53	16°♒17'01	0.55768 AU
desc. node	-4072 Mar 16 j 14:53	13°♒48'10	
morning rise	-4072 Mar 18 j 17:17	13°♒03'39	
direct	-4072 Mar 22 j 16:51	12°♒28'43	
morning max el	-4072 Apr 05 j 11:20	19°♒19'41	23°54'50
	-4072 Apr 14 j 08:42	0°♓	
morning set	-4072 Apr 29 j 17:30	27°♓37'22	
	-4072 Apr 30 j 20:34	0°♈	
asc. node	-4072 May 01 j 01:09	0°♈24'17	
superior conj	-4072 May 06 j 20:15	12°♈52'12	0°56'57
minimum elong	-4072 May 06 j 18:01	12°♈40'06	0°56'34
max. Earth dist.	-4072 May 08 j 18:29	16°♈59'38	1.33488 AU
evening rise	-4072 May 14 j 08:21	28°♈33'52	
	-4072 May 15 j 01:35	0°♉	
	-4072 Jun 01 j 06:03	0°♊	
desc. node	-4072 Jun 12 j 13:31	14°♊59'28	
evening max el	-4072 Jun 16 j 16:42	19°♊19'39	27°25'14
retrograde	-4072 Jun 30 j 08:57	26°♊43'24	
evening set	-4072 Jul 07 j 12:31	24°♊04'36	
min. Earth dist.	-4072 Jul 11 j 03:14	20°♊53'41	0.63526 AU
inferior conj	-4072 Jul 13 j 18:30	18°♊11'37	-3°-48'-8
minimum elong	-4072 Jul 13 j 22:00	18°♊02'37	3°47'18
morning rise	-4072 Jul 20 j 09:25	12°♊53'26	
direct	-4072 Jul 23 j 00:09	12°♊19'58	
asc. node	-4072 Jul 28 j 00:38	14°♊22'49	
morning max el	-4072 Jul 29 j 13:09	15°♊44'30	17°58'04
	-4072 Aug 08 j 13:56	0°♋	
morning set	-4072 Aug 15 j 10:59	11°♋51'47	
	-4072 Aug 26 j 01:34	0°♌	
superior conj	-4072 Aug 27 j 19:20	2°♌53'24	1°10'08
minimum elong	-4072 Aug 28 j 01:10	3°♌17'27	1°09'40

max. Earth dist.	-4072 Sep 02 j 19:12	12°♌39'11	1.43793 AU
desc. node	-4072 Sep 08 j 12:51	21°♌45'08	
evening rise	-4072 Sep 12 j 18:33	28°♌21'04	
	-4072 Sep 13 j 20:11	0°♍	
	-4072 Oct 04 j 03:51	0°♎	
greatest brilliancy	-4072 Oct 05 j 05:32	1°♎25'46	-0.5m
evening max el	-4072 Oct 11 j 04:52	8°♎34'03	20°41'35
retrograde	-4072 Oct 19 j 08:28	13°♎22'49	
evening set	-4072 Oct 23 j 03:53	11°♎59'35	
asc. node	-4072 Oct 23 j 23:36	11°♎19'41	
inferior conj	-4072 Oct 28 j 14:57	5°♎49'11	1°32'31
minimum elong	-4072 Oct 28 j 12:56	5°♎56'02	1°31'43
min. Earth dist.	-4072 Oct 29 j 05:05	5°♎01'15	0.66970 AU
	-4072 Nov 02 j 09:22	30°℞♍	
morning rise	-4072 Nov 02 j 21:34	29°♍32'05	
direct	-4072 Nov 08 j 07:04	27°♍12'54	
	-4072 Nov 15 j 01:55	0°♎	
morning max el	-4072 Nov 19 j 10:32	3°♎51'27	24°20'20
desc. node	-4072 Dec 05 j 12:47	24°♎10'37	
	-4072 Dec 09 j 12:09	0°♏	
morning set	-4072 Dec 25 j 05:22	25°♏20'33	
	-4072 Dec 27 j 20:55	0°♐	
max. Earth dist.	-4072 Dec 29 j 01:52	2°♐09'46	1.38005 AU
superior conj	-4071 Jan 05 j 00:31	15°♐05'56	-1°-49'-20
minimum elong	-4071 Jan 05 j 02:41	15°♐16'20	1°49'25
	-4071 Jan 12 j 14:45	0°♑	
evening rise	-4071 Jan 13 j 17:41	2°♑13'14	
asc. node	-4071 Jan 19 j 22:37	14°♑05'11	
evening max el	-4071 Jan 30 j 10:00	29°♑06'32	19°03'26
	-4071 Jan 31 j 09:40	0°♒	
retrograde	-4071 Feb 07 j 23:58	3°♒13'11	
evening set	-4071 Feb 10 j 09:04	2°♒55'34	
	-4071 Feb 16 j 11:10	30°℞♑	
inferior conj	-4071 Feb 18 j 09:41	28°♑40'38	3°09'59
minimum elong	-4071 Feb 18 j 14:24	28°♑32'21	3°08'48
min. Earth dist.	-4071 Feb 21 j 12:06	26°♑31'24	0.57148 AU
morning rise	-4071 Feb 26 j 15:59	23°♑40'08	
direct	-4071 Mar 03 j 21:04	22°♑36'07	
desc. node	-4071 Mar 03 j 12:02	22°♑36'28	
morning max el	-4071 Mar 18 j 02:19	29°♑55'27	25°29'58
	-4071 Mar 18 j 04:12	0°♒	
	-4071 Apr 07 j 21:37	0°♓	
morning set	-4071 Apr 14 j 05:40	12°♓39'47	
asc. node	-4071 Apr 17 j 22:09	20°♓32'37	
superior conj	-4071 Apr 21 j 06:40	27°♓51'01	0°34'20
minimum elong	-4071 Apr 21 j 05:12	27°♓43'04	0°34'01
max. Earth dist.	-4071 Apr 22 j 04:27	29°♓49'33	1.32866 AU
	-4071 Apr 22 j 06:22	0°♈	
evening rise	-4071 Apr 28 j 11:20	13°♈11'14	
	-4071 May 07 j 04:51	0°♉	
	-4071 May 28 j 02:44	0°♊	
evening max el	-4071 May 29 j 23:31	1°♊52'04	27°11'23
desc. node	-4071 May 30 j 10:39	2°♊18'23	
retrograde	-4071 Jun 12 j 21:42	9°♊14'43	
evening set	-4071 Jun 19 j 21:38	6°♊57'59	
min. Earth dist.	-4071 Jun 23 j 12:56	4°♊10'12	0.61681 AU
inferior conj	-4071 Jun 26 j 16:24	1°♊19'12	-4°-12'-40
minimum elong	-4071 Jun 26 j 18:27	1°♊14'32	4°12'21
	-4071 Jun 28 j 03:51	30°℞♉	
morning rise	-4071 Jul 03 j 18:01	26°♉21'51	
direct	-4071 Jul 06 j 06:28	25°♉54'46	
morning max el	-4071 Jul 13 j 03:12	29°♉20'26	17°59'32
	-4071 Jul 13 j 18:50	0°♊	
asc. node	-4071 Jul 14 j 21:42	1°♊14'52	
morning set	-4071 Jul 29 j 05:10	24°♊36'27	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4071 Aug 01 j 04:15	0°♋	
superior conj	-4071 Aug 08 j 21:19	13°♋43'11	1°35'48
minimum elong	-4071 Aug 09 j 01:31	14°♋01'25	1°35'40
max. Earth dist.	-4071 Aug 16 j 06:14	26°♋11'44	1.42349 AU
	-4071 Aug 18 j 14:00	0°♌	
evening rise	-4071 Aug 23 j 02:20	7°♌13'58	
desc. node	-4071 Aug 26 j 09:49	12°♌25'07	
	-4071 Sep 07 j 02:44	0°♍	
greatest brilliancy	-4071 Sep 19 j 04:49	16°♍29'38	-0.4m
evening max el	-4071 Sep 24 j 00:46	21°♍59'24	21°54'39
retrograde	-4071 Oct 03 j 04:32	27°♍25'55	
evening set	-4071 Oct 07 j 11:59	25°♍44'31	
asc. node	-4071 Oct 10 j 20:44	22°♍09'35	
inferior conj	-4071 Oct 12 j 20:53	19°♍27'12	0°41'00
minimum elong	-4071 Oct 12 j 19:57	19°♍30'27	0°40'39
min. Earth dist.	-4071 Oct 13 j 00:22	19°♍15'12	0.67341 AU
morning rise	-4071 Oct 18 j 03:42	13°♍10'08	
direct	-4071 Oct 22 j 21:56	11°♍12'14	
morning max el	-4071 Nov 01 j 20:55	17°♍08'42	22°53'53
greatest brilliancy	-4071 Nov 06 j 17:01	22°♍35'02	-0.3m
	-4071 Nov 12 j 10:52	0°♎	
desc. node	-4071 Nov 22 j 09:44	14°♎12'39	
	-4071 Dec 02 j 14:36	0°♏	
morning set	-4071 Dec 06 j 01:02	5°♏35'12	
max. Earth dist.	-4071 Dec 10 j 22:12	13°♏47'27	1.40073 AU
superior conj	-4071 Dec 18 j 15:36	27°♏27'46	-1°-54'-36
minimum elong	-4071 Dec 18 j 15:30	27°♏27'15	1°54'46
	-4071 Dec 20 j 00:47	0°♐	
evening rise	-4071 Dec 28 j 08:32	15°♐41'42	
	-4070 Jan 05 j 03:06	0°♑	
asc. node	-4070 Jan 06 j 19:41	2°♑48'42	
evening max el	-4070 Jan 13 j 13:42	11°♑43'10	18°26'20
retrograde	-4070 Jan 21 j 00:59	15°♑23'34	
evening set	-4070 Jan 23 j 12:46	15°♑00'18	
inferior conj	-4070 Jan 30 j 21:33	10°♑25'04	3°52'26
minimum elong	-4070 Jan 30 j 23:54	10°♑20'17	3°52'02
min. Earth dist.	-4070 Feb 03 j 06:47	7°♑41'01	0.59016 AU
morning rise	-4070 Feb 07 j 07:36	4°♑59'43	
direct	-4070 Feb 13 j 14:30	3°♑16'55	
desc. node	-4070 Feb 18 j 09:09	4°♑13'49	
morning max el	-4070 Feb 27 j 20:40	10°♑51'25	26°46'16
	-4070 Mar 14 j 16:26	0°♒	
morning set	-4070 Mar 29 j 16:18	27°♒37'02	
	-4070 Mar 30 j 19:31	0°♓	
asc. node	-4070 Apr 04 j 19:09	10°♓45'33	
superior conj	-4070 Apr 05 j 18:22	12°♓52'39	0°10'06
minimum elong	-4070 Apr 05 j 17:55	12°♓50'12	0°09'57
behind sun begin	-4070 Apr 05 j 14:01	12°♓28'50	
behind sun end	-4070 Apr 05 j 21:50	13°♓11'35	
max. Earth dist.	-4070 Apr 05 j 17:34	12°♓48'15	1.32585 AU
evening rise	-4070 Apr 12 j 19:15	28°♓02'25	
	-4070 Apr 13 j 17:54	0°♈	
	-4070 Apr 30 j 17:25	0°♉	
evening max el	-4070 May 12 j 00:39	13°♉43'37	26°25'01
desc. node	-4070 May 17 j 07:49	18°♉01'27	
retrograde	-4070 May 26 j 02:38	21°♉02'43	
evening set	-4070 Jun 01 j 11:09	19°♉20'33	
min. Earth dist.	-4070 Jun 05 j 13:46	16°♉39'28	0.59645 AU
inferior conj	-4070 Jun 08 j 22:52	13°♉59'24	-4°-17'-21
minimum elong	-4070 Jun 08 j 22:03	14°♉01'01	4°17'14
morning rise	-4070 Jun 16 j 12:35	9°♉24'04	
direct	-4070 Jun 18 j 23:58	9°♉01'59	
morning max el	-4070 Jun 26 j 13:30	12°♉40'07	18°20'19
asc. node	-4070 Jul 01 j 18:44	19°♉04'44	
	-4070 Jul 08 j 06:36	0°♊	
morning set	-4070 Jul 12 j 14:05	8°♊04'53	
superior conj	-4070 Jul 22 j 00:11	25°♊47'24	1°47'38
minimum elong	-4070 Jul 22 j 01:38	25°♊54'02	1°47'46
	-4070 Jul 24 j 07:56	0°♋	
max. Earth dist.	-4070 Jul 29 j 11:05	9°♋00'37	1.40525 AU
evening rise	-4070 Aug 03 j 05:56	17°♋03'36	
	-4070 Aug 11 j 08:35	0°♌	
desc. node	-4070 Aug 13 j 06:49	2°♌57'20	
greatest brilliancy	-4070 Aug 31 j 18:57	28°♌49'20	-0.2m
	-4070 Sep 01 j 18:13	0°♍	
evening max el	-4070 Sep 06 j 15:14	5°♍24'59	23°14'28
retrograde	-4070 Sep 16 j 21:54	11°♍30'13	
evening set	-4070 Sep 21 j 19:13	9°♍29'17	
inferior conj	-4070 Sep 27 j 03:31	3°♍08'47	0°-12'-14
minimum elong	-4070 Sep 27 j 03:48	3°♍07'49	0°12'02
transit middle	-4070 Sep 27 j 03:48	3°♍07'49	0°12'02
transit begin	-4070 Sep 27 j 01:58	3°♍14'07	
transit end	-4070 Sep 27 j 05:38	3°♍01'32	
min. Earth dist.	-4070 Sep 26 j 20:50	3°♍31'47	0.67415 AU
asc. node	-4070 Sep 27 j 17:50	2°♍19'42	
	-4070 Sep 29 j 12:24	30°℞♌	
morning rise	-4070 Oct 02 j 12:24	26°♌54'49	
direct	-4070 Oct 06 j 16:35	25°♌18'08	
	-4070 Oct 14 j 23:35	0°♍	
morning max el	-4070 Oct 15 j 11:53	0°♍30'50	21°30'47
greatest brilliancy	-4070 Oct 20 j 15:56	6°♍28'25	-0.4m
	-4070 Nov 06 j 07:05	0°♎	
desc. node	-4070 Nov 09 j 06:40	4°♎31'44	
morning set	-4070 Nov 15 j 16:29	14°♎29'27	
max. Earth dist.	-4070 Nov 22 j 23:30	26°♎15'05	1.42031 AU
	-4070 Nov 25 j 05:44	0°♏	
superior conj	-4070 Nov 30 j 09:15	8°♏44'53	-1°-47'-49
minimum elong	-4070 Nov 30 j 05:36	8°♏29'06	1°47'44
evening rise	-4070 Dec 11 j 10:58	28°♏30'39	
	-4070 Dec 12 j 06:34	0°♐	
asc. node	-4070 Dec 24 j 16:45	20°♐51'29	
evening max el	-4070 Dec 27 j 23:10	24°♐42'07	18°09'16
retrograde	-4069 Jan 03 j 18:34	28°♐10'53	
evening set	-4069 Jan 06 j 09:07	27°♐40'42	
inferior conj	-4069 Jan 13 j 04:32	22°♐43'31	4°03'16
minimum elong	-4069 Jan 13 j 04:09	22°♐44'25	4°03'05
min. Earth dist.	-4069 Jan 16 j 07:40	19°♐48'28	0.61029 AU
morning rise	-4069 Jan 19 j 20:37	17°♐00'51	
direct	-4069 Jan 26 j 18:39	14°♐42'09	
desc. node	-4069 Feb 05 j 06:14	18°♐25'48	
morning max el	-4069 Feb 09 j 20:56	22°♐23'41	27°31'56
	-4069 Feb 16 j 15:10	0°♑	
	-4069 Mar 07 j 16:41	0°♒	
morning set	-4069 Mar 13 j 23:32	12°♒22'10	
max. Earth dist.	-4069 Mar 20 j 06:10	25°♒42'44	1.32644 AU
superior conj	-4069 Mar 21 j 05:42	27°♒50'59	0°-14'-56
minimum elong	-4069 Mar 21 j 06:22	27°♒54'39	0°14'54
behind sun begin	-4069 Mar 21 j 04:41	27°♒45'27	
behind sun end	-4069 Mar 21 j 08:04	28°♒03'51	
	-4069 Mar 22 j 05:20	0°♓	
asc. node	-4069 Mar 22 j 16:09	0°♓59'00	
evening rise	-4069 Mar 28 j 05:57	12°♓59'52	
	-4069 Apr 05 j 22:10	0°♈	
evening max el	-4069 Apr 23 j 19:54	24°♈55'50	25°10'58
	-4069 Apr 30 j 11:50	0°♉	
desc. node	-4069 May 04 j 04:57	1°♉33'30	
retrograde	-4069 May 07 j 21:20	2°♉05'13	
evening set	-4069 May 13 j 03:00	1°♉01'38	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4069 May 15 j 07:49	30°℞♈	
min. Earth dist.	-4069 May 18 j 08:17	28°♈10'44	0.57678 AU
inferior conj	-4069 May 21 j 10:36	26°♈03'43	-3°-52'-30
minimum elong	-4069 May 21 j 06:17	26°♈11'09	3°51'48
morning rise	-4069 May 29 j 13:40	21°♈49'00	
direct	-4069 Jun 01 j 00:47	21°♈30'46	
morning max el	-4069 Jun 09 j 17:12	25°♈34'47	19°01'15
	-4069 Jun 13 j 14:58	0°♉	
asc. node	-4069 Jun 18 j 15:45	7°♉39'34	
morning set	-4069 Jun 26 j 09:40	22°♉07'35	
	-4069 Jun 30 j 09:21	0°♊	
superior conj	-4069 Jul 04 j 22:18	8°♊50'57	1°48'21
minimum elong	-4069 Jul 04 j 21:29	8°♊47'04	1°48'30
max. Earth dist.	-4069 Jul 11 j 12:51	21°♊10'02	1.38578 AU
evening rise	-4069 Jul 15 j 11:53	28°♊10'25	
	-4069 Jul 16 j 13:18	0°♋	
desc. node	-4069 Jul 31 j 03:51	23°♋17'25	
	-4069 Aug 04 j 19:25	0°♌	
evening max el	-4069 Aug 20 j 02:43	18°♌53'55	24°34'33
retrograde	-4069 Aug 31 j 11:28	25°♌32'50	
evening set	-4069 Sep 05 j 23:51	23°♌12'43	
min. Earth dist.	-4069 Sep 10 j 16:00	17°♌50'03	0.67189 AU
inferior conj	-4069 Sep 11 j 09:10	16°♌52'33	-1°-5'-34
minimum elong	-4069 Sep 11 j 10:42	16°♌47'26	1°04'50
asc. node	-4069 Sep 14 j 14:55	12°♌49'37	
morning rise	-4069 Sep 16 j 21:50	10°♌45'02	
direct	-4069 Sep 20 j 13:50	9°♌27'39	
morning max el	-4069 Sep 28 j 09:47	14°♌01'22	20°17'20
greatest brilliancy	-4069 Oct 05 j 05:19	22°♌19'18	-0.6m
	-4069 Oct 10 j 15:26	0°♍	
morning set	-4069 Oct 25 j 15:20	22°♍42'11	
desc. node	-4069 Oct 27 j 03:35	25°♍02'54	
	-4069 Oct 30 j 07:37	0°♎	
max. Earth dist.	-4069 Nov 05 j 08:42	9°♎35'27	1.43601 AU
superior conj	-4069 Nov 11 j 00:24	18°♎46'18	-1°-25'-23
minimum elong	-4069 Nov 10 j 17:42	18°♎18'44	1°24'48
	-4069 Nov 17 j 17:41	0°♏	
evening rise	-4069 Nov 23 j 20:50	10°♏32'14	
	-4069 Dec 05 j 09:55	0°♐	
evening max el	-4069 Dec 11 j 11:30	7°♐55'55	18°11'33
asc. node	-4069 Dec 11 j 13:49	8°♐01'43	
retrograde	-4069 Dec 18 j 00:41	11°♐25'36	
evening set	-4069 Dec 20 j 18:31	10°♐47'25	
inferior conj	-4069 Dec 27 j 03:10	5°♐29'03	3°51'19
minimum elong	-4069 Dec 27 j 00:55	5°♐35'03	3°50'52
min. Earth dist.	-4069 Dec 29 j 17:21	2°♐44'53	0.62911 AU
	-4068 Jan 01 j 16:14	30°℞♏	
morning rise	-4068 Jan 02 j 05:31	29°♏33'49	
direct	-4068 Jan 09 j 07:06	26°♏51'53	
	-4068 Jan 17 j 16:28	0°♐	
morning max el	-4068 Jan 23 j 02:44	4°♐35'35	27°41'36
desc. node	-4068 Jan 23 j 03:16	4°♐36'52	
	-4068 Feb 11 j 06:29	0°♑	
morning set	-4068 Feb 26 j 01:06	26°♑46'53	
	-4068 Feb 27 j 15:06	0°♒	
max. Earth dist.	-4068 Mar 02 j 14:26	8°♒19'15	1.33071 AU
superior conj	-4068 Mar 04 j 14:57	12°♒39'23	0°-39'-53
minimum elong	-4068 Mar 04 j 16:43	12°♒48'54	0°39'41
asc. node	-4068 Mar 08 j 13:08	21°♒08'19	
evening rise	-4068 Mar 11 j 17:36	27°♒56'15	
	-4068 Mar 12 j 17:16	0°♓	
	-4068 Mar 30 j 08:27	0°♈	
evening max el	-4068 Apr 04 j 11:54	5°♈42'00	23°39'59
retrograde	-4068 Apr 18 j 03:21	12°♈29'16	

desc. node	-4068 Apr 20 j 02:05	12°♈20'48	
evening set	-4068 Apr 22 j 01:09	11°♈55'40	
min. Earth dist.	-4068 Apr 28 j 23:12	8°♈42'28	0.56109 AU
inferior conj	-4068 May 01 j 02:13	7°♈25'37	-2°-48'-54
minimum elong	-4068 Apr 30 j 20:19	7°♈34'33	2°47'20
morning rise	-4068 May 09 j 19:01	3°♈25'46	
direct	-4068 May 12 j 06:54	3°♈10'00	
morning max el	-4068 May 22 j 11:35	7°♈54'13	20°02'38
asc. node	-4068 Jun 04 j 12:46	26°♈47'57	
	-4068 Jun 06 j 05:03	0°♉	
morning set	-4068 Jun 09 j 12:43	6°♉35'19	
superior conj	-4068 Jun 17 j 10:22	22°♉38'21	1°40'44
minimum elong	-4068 Jun 17 j 08:12	22°♉27'31	1°40'42
	-4068 Jun 21 j 03:58	0°♊	
max. Earth dist.	-4068 Jun 22 j 17:05	2°♊58'18	1.36743 AU
evening rise	-4068 Jun 26 j 17:31	10°♊27'46	
	-4068 Jul 08 j 04:42	0°♋	
desc. node	-4068 Jul 17 j 00:53	13°♋18'43	
	-4068 Jul 30 j 05:07	0°♌	
evening max el	-4068 Aug 01 j 13:28	2°♌25'02	25°47'16
retrograde	-4068 Aug 13 j 20:31	9°♌28'47	
evening set	-4068 Aug 19 j 23:56	6°♌52'21	
min. Earth dist.	-4068 Aug 24 j 07:23	2°♌07'20	0.66636 AU
inferior conj	-4068 Aug 25 j 12:02	0°♌35'54	-1°-57'-23
minimum elong	-4068 Aug 25 j 14:42	0°♌27'22	1°56'15
	-4068 Aug 25 j 23:19	30°℞♋	
morning rise	-4068 Aug 31 j 06:07	24°♋38'09	
asc. node	-4068 Aug 31 j 12:00	24°♋29'17	
direct	-4068 Sep 03 j 12:03	23°♋37'09	
morning max el	-4068 Sep 10 j 14:51	27°♋40'20	19°17'25
	-4068 Sep 12 j 17:11	0°♌	
greatest brilliancy	-4068 Sep 21 j 12:41	12°♌13'56	-0.7m
	-4068 Oct 03 j 00:07	0°♍	
morning set	-4068 Oct 03 j 20:41	1°♍20'30	
desc. node	-4068 Oct 13 j 00:32	15°♍41'58	
max. Earth dist.	-4068 Oct 18 j 00:09	23°♍33'11	1.44565 AU
superior conj	-4068 Oct 20 j 13:16	27°♍35'22	0°-46'-33
minimum elong	-4068 Oct 20 j 07:41	27°♍13'10	0°45'52
	-4068 Oct 22 j 01:37	0°♎	
evening rise	-4068 Nov 04 j 09:31	21°♎37'23	
	-4068 Nov 09 j 11:13	0°♏	
evening max el	-4068 Nov 23 j 23:57	21°♏18'19	18°32'22
asc. node	-4068 Nov 27 j 10:53	24°♏05'09	
retrograde	-4068 Nov 30 j 15:13	24°♏59'32	
evening set	-4068 Dec 03 j 13:33	24°♏11'50	
inferior conj	-4068 Dec 09 j 13:44	18°♏34'45	3°23'51
minimum elong	-4068 Dec 09 j 10:39	18°♏43'48	3°23'02
min. Earth dist.	-4068 Dec 11 j 13:07	16°♏16'12	0.64494 AU
morning rise	-4068 Dec 15 j 06:31	12°♏29'55	
direct	-4068 Dec 22 j 02:31	9°♏39'51	
morning max el	-4067 Jan 04 j 11:55	17°♏20'09	27°16'34
desc. node	-4067 Jan 09 j 00:17	22°♏13'47	
	-4067 Jan 15 j 03:41	0°♐	
	-4067 Feb 03 j 01:44	0°♑	
morning set	-4067 Feb 08 j 18:11	10°♑42'01	
max. Earth dist.	-4067 Feb 13 j 14:34	20°♑26'06	1.33903 AU
superior conj	-4067 Feb 16 j 20:18	27°♑11'43	-1°-3'-43
minimum elong	-4067 Feb 16 j 22:57	27°♑25'45	1°03'26
	-4067 Feb 18 j 04:05	0°♒	
asc. node	-4067 Feb 23 j 10:09	11°♒09'20	
evening rise	-4067 Feb 24 j 04:27	12°♒45'16	
	-4067 Mar 05 j 02:30	0°♓	
evening max el	-4067 Mar 17 j 06:25	16°♓28'09	22°06'15
retrograde	-4067 Mar 29 j 21:46	22°♓36'20	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-4067 Apr 01 j 18:03	22°♓18'23	
desc. node	-4067 Apr 06 j 23:11	20°♓25'05	
min. Earth dist.	-4067 Apr 10 j 13:07	18°♓29'49	0.55257 AU
inferior conj	-4067 Apr 11 j 02:02	18°♓11'36	-1°-7'-53
minimum elong	-4067 Apr 10 j 22:56	18°♓15'58	1°06'54
morning rise	-4067 Apr 20 j 05:17	14°♓13'28	
direct	-4067 Apr 22 j 22:06	13°♓57'03	
morning max el	-4067 May 04 j 19:14	19°♓32'46	21°23'03
	-4067 May 13 j 05:59	0°♈	
asc. node	-4067 May 22 j 09:48	16°♈21'32	
morning set	-4067 May 24 j 20:47	21°♈21'11	
	-4067 May 29 j 00:16	0°♉	
superior conj	-4067 Jun 01 j 08:17	6°♉57'39	1°27'00
minimum elong	-4067 Jun 01 j 05:36	6°♉43'47	1°26'47
max. Earth dist.	-4067 Jun 05 j 04:55	14°♉50'28	1.35191 AU
evening rise	-4067 Jun 09 j 17:37	23°♉41'54	
	-4067 Jun 13 j 02:46	0°♊	
	-4067 Jul 01 j 19:09	0°♋	
desc. node	-4067 Jul 03 j 21:56	2°♋53'05	
evening max el	-4067 Jul 15 j 00:34	15°♋53'24	26°44'28
retrograde	-4067 Jul 28 j 00:42	23°♋11'58	
evening set	-4067 Aug 03 j 17:14	20°♋25'48	
min. Earth dist.	-4067 Aug 07 j 16:40	16°♋19'41	0.65723 AU
inferior conj	-4067 Aug 09 j 10:09	14°♋16'01	-2°-45'-43
minimum elong	-4067 Aug 09 j 13:40	14°♋05'34	2°44'26
morning rise	-4067 Aug 15 j 11:11	8°♋31'19	
direct	-4067 Aug 18 j 09:22	7°♋43'27	
asc. node	-4067 Aug 18 j 09:07	7°♋43'28	
morning max el	-4067 Aug 25 j 01:36	11°♋25'01	18°33'05
	-4067 Sep 07 j 04:12	0°♌	
morning set	-4067 Sep 14 j 01:43	11°♌09'18	
	-4067 Sep 25 j 20:00	0°♍	
superior conj	-4067 Sep 29 j 12:44	5°♍50'44	0°02'19
minimum elong	-4067 Sep 29 j 13:03	5°♍51'57	0°02'22
behind sun begin	-4067 Sep 29 j 01:47	5°♍07'29	
behind sun end	-4067 Sep 30 j 00:19	6°♍36'24	
desc. node	-4067 Sep 29 j 21:29	6°♍25'15	
max. Earth dist.	-4067 Sep 30 j 18:04	7°♍46'20	1.44821 AU
	-4067 Oct 14 j 20:34	0°♎	
evening rise	-4067 Oct 15 j 21:22	1°♎38'06	
	-4067 Nov 03 j 10:53	0°♏	
evening max el	-4067 Nov 07 j 09:56	4°♏43'53	19°10'35
retrograde	-4067 Nov 14 j 10:28	8°♏45'35	
asc. node	-4067 Nov 14 j 08:00	8°♏45'32	
evening set	-4067 Nov 17 j 15:10	7°♏46'17	
inferior conj	-4067 Nov 23 j 08:54	1°♏53'39	2°45'51
minimum elong	-4067 Nov 23 j 05:49	2°♏03'25	2°44'50
	-4067 Nov 24 j 20:55	30°℞♎	
min. Earth dist.	-4067 Nov 24 j 18:15	0°♏08'19	0.65726 AU
morning rise	-4067 Nov 28 j 19:34	25°♎41'49	
direct	-4067 Dec 05 j 04:16	22°♎56'45	
	-4067 Dec 17 j 12:04	0°♏	
morning max el	-4067 Dec 17 j 21:42	0°♏23'50	26°22'35
desc. node	-4067 Dec 26 j 21:18	10°♏50'31	
	-4066 Jan 09 j 02:46	0°♐	
morning set	-4066 Jan 22 j 22:55	23°♐54'48	
	-4066 Jan 26 j 03:23	0°♑	
max. Earth dist.	-4066 Jan 27 j 03:21	1°♑57'06	1.35174 AU
superior conj	-4066 Jan 31 j 19:22	11°♑19'55	-1°-25'-7
minimum elong	-4066 Jan 31 j 22:30	11°♑35'56	1°24'54
evening rise	-4066 Feb 08 j 12:39	27°♑19'52	
	-4066 Feb 09 j 19:59	0°♒	
asc. node	-4066 Feb 10 j 07:10	0°♒56'37	
evening max el	-4066 Feb 27 j 09:13	27°♒38'35	20°41'51
	-4066 Mar 02 j 05:15	0°♓	
retrograde	-4066 Mar 10 j 11:35	2°♓55'34	
evening set	-4066 Mar 12 j 20:09	2°♓42'13	
	-4066 Mar 19 j 16:21	30°℞♒	
inferior conj	-4066 Mar 21 j 21:35	28°♒44'27	0°48'39
minimum elong	-4066 Mar 21 j 23:46	28°♒41'18	0°47'49
min. Earth dist.	-4066 Mar 23 j 03:20	28°♒01'27	0.55315 AU
desc. node	-4066 Mar 24 j 20:19	27°♒03'49	
morning rise	-4066 Mar 31 j 01:45	24°♒29'26	
direct	-4066 Apr 03 j 10:21	24°♒04'53	
	-4066 Apr 16 j 02:49	0°♓	
morning max el	-4066 Apr 16 j 16:54	0°♓32'37	22°57'40
	-4066 May 06 j 05:49	0°♈	
morning set	-4066 May 09 j 07:51	6°♈18'31	
asc. node	-4066 May 09 j 06:49	6°♈13'08	
superior conj	-4066 May 16 j 12:54	21°♈38'55	1°08'52
minimum elong	-4066 May 16 j 10:22	21°♈25'23	1°08'31
max. Earth dist.	-4066 May 19 j 02:38	27°♈04'36	1.33999 AU
	-4066 May 20 j 12:25	0°♉	
evening rise	-4066 May 24 j 07:10	7°♉38'24	
	-4066 Jun 05 j 15:37	0°♊	
desc. node	-4066 Jun 20 j 19:00	21°♊49'15	
evening max el	-4066 Jun 27 j 11:42	29°♊10'28	27°18'37
	-4066 Jun 28 j 08:43	0°♋	
retrograde	-4066 Jul 10 j 23:39	6°♋34'50	
evening set	-4066 Jul 18 j 00:57	3°♋49'30	
min. Earth dist.	-4066 Jul 21 j 17:54	0°♋20'11	0.64428 AU
	-4066 Jul 22 j 01:27	30°℞♊	
inferior conj	-4066 Jul 24 j 01:14	27°♊49'21	-3°-27'-59
minimum elong	-4066 Jul 24 j 05:00	27°♊39'03	3°26'54
morning rise	-4066 Jul 30 j 10:41	22°♊20'38	
direct	-4066 Aug 02 j 03:23	21°♊42'48	
asc. node	-4066 Aug 05 j 06:14	22°♊33'04	
morning max el	-4066 Aug 08 j 15:45	25°♊11'24	18°05'43
	-4066 Aug 12 j 15:22	0°♋	
morning set	-4066 Aug 26 j 10:04	22°♋16'45	
	-4066 Aug 31 j 00:03	0°♌	
superior conj	-4066 Sep 08 j 21:38	14°♌37'54	0°48'41
minimum elong	-4066 Sep 09 j 02:48	14°♌58'44	0°48'10
max. Earth dist.	-4066 Sep 13 j 11:15	21°♌56'49	1.44356 AU
desc. node	-4066 Sep 16 j 18:24	27°♌09'43	
	-4066 Sep 18 j 13:46	0°♍	
evening rise	-4066 Sep 25 j 10:40	10°♍41'39	
	-4066 Oct 08 j 02:07	0°♎	
greatest brilliancy	-4066 Oct 14 j 12:42	9°♎20'33	-0.6m
evening max el	-4066 Oct 21 j 15:26	18°♎10'31	20°04'30
retrograde	-4066 Oct 29 j 07:36	22°♎40'16	
asc. node	-4066 Nov 01 j 05:08	21°♎51'31	
evening set	-4066 Nov 01 j 20:55	21°♎26'43	
inferior conj	-4066 Nov 07 j 09:58	15°♎21'58	2°00'46
minimum elong	-4066 Nov 07 j 07:26	15°♎30'22	1°59'48
min. Earth dist.	-4066 Nov 08 j 06:46	14°♎12'44	0.66610 AU
morning rise	-4066 Nov 12 j 17:21	9°♎05'53	
direct	-4066 Nov 18 j 11:44	6°♎35'18	
morning max el	-4066 Nov 30 j 06:35	13°♎35'30	25°08'18
desc. node	-4066 Dec 13 j 18:18	0°♏09'36	
	-4066 Dec 13 j 15:32	0°♏	
	-4065 Jan 01 j 21:46	0°♐	
morning set	-4065 Jan 05 j 10:10	6°♐10'28	
max. Earth dist.	-4065 Jan 09 j 04:44	13°♐03'37	1.36875 AU
superior conj	-4065 Jan 15 j 09:17	24°♐55'45	-1°-42'-18
minimum elong	-4065 Jan 15 j 12:07	25°♐09'44	1°42'16
	-4065 Jan 17 j 22:29	0°♑	
evening rise	-4065 Jan 23 j 16:07	11°♑33'59	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4065 Jan	28 j 04:12	20°♑24'44			-4064 Jan	09 j 22:02	0°♑	
	-4065 Feb	02 j 14:59	0°♒		asc. node	-4064 Jan	15 j 01:15	9°♑26'58	
evening max el	-4065 Feb	09 j 22:41	9°♒24'59	19°33'52	evening max el	-4064 Jan	23 j 21:54	21°♑45'37	18°45'16
retrograde	-4065 Feb	19 j 08:44	13°♒53'09		retrograde	-4064 Jan	31 j 22:54	25°♑38'47	
evening set	-4065 Feb	21 j 16:30	13°♒38'04		evening set	-4064 Feb	03 j 09:20	25°♑18'49	
inferior conj	-4065 Mar	02 j 02:56	9°♒33'02	2°28'24	inferior conj	-4064 Feb	11 j 02:56	20°♑55'45	3°32'23
minimum elong	-4065 Mar	02 j 07:55	9°♒25'01	2°26'54	minimum elong	-4064 Feb	11 j 06:51	20°♑48'27	3°31'34
min. Earth dist.	-4065 Mar	04 j 18:03	7°♒52'01	0.56276 AU	min. Earth dist.	-4064 Feb	14 j 10:18	18°♑29'09	0.57906 AU
morning rise	-4065 Mar	10 j 19:45	4°♒49'25		morning rise	-4064 Feb	19 j 00:42	15°♑44'09	
desc. node	-4065 Mar	11 j 17:29	4°♒33'03		direct	-4064 Feb	24 j 18:03	14°♑23'59	
direct	-4065 Mar	15 j 07:49	4°♒03'35		desc. node	-4064 Feb	26 j 14:36	14°♑32'26	
morning max el	-4065 Mar	29 j 08:26	11°♒09'21	24°36'33	morning max el	-4064 Mar	10 j 00:03	21°♑50'30	26°05'30
	-4065 Apr	12 j 14:25	0°♓			-4064 Mar	17 j 03:51	0°♒	
morning set	-4065 Apr	23 j 20:05	21°♓20'53			-4064 Apr	04 j 05:12	0°♓	
asc. node	-4065 Apr	26 j 03:48	26°♓16'50		morning set	-4064 Apr	07 j 07:49	6°♓22'33	
	-4065 Apr	27 j 21:12	0°♈		asc. node	-4064 Apr	12 j 00:47	16°♓28'08	
superior conj	-4065 Apr	30 j 21:47	6°♈33'31	0°47'36	superior conj	-4064 Apr	14 j 08:58	21°♓35'00	0°24'13
minimum elong	-4065 Apr	30 j 19:49	6°♈22'57	0°47'15	minimum elong	-4064 Apr	14 j 07:55	21°♓29'15	0°23'58
max. Earth dist.	-4065 May	02 j 09:00	9°♈43'42	1.33180 AU	max. Earth dist.	-4064 Apr	14 j 20:56	22°♓40'22	1.32711 AU
evening rise	-4065 May	08 j 06:11	22°♈04'19			-4064 Apr	18 j 06:00	0°♈	
	-4065 May	12 j 06:33	0°♉		evening rise	-4064 Apr	21 j 11:37	6°♈49'38	
	-4065 May	30 j 13:33	0°♊			-4064 May	03 j 19:56	0°♉	
desc. node	-4065 Jun	07 j 16:08	9°♊50'24		evening max el	-4064 May	22 j 01:53	24°♉20'48	26°55'32
evening max el	-4065 Jun	09 j 20:59	12°♊03'33	27°23'29	desc. node	-4064 May	24 j 13:16	26°♉33'15	
retrograde	-4065 Jun	23 j 16:26	19°♊27'25			-4064 May	29 j 16:08	0°♊	
evening set	-4065 Jun	30 j 19:30	16°♊56'31		retrograde	-4064 Jun	05 j 01:49	1°♊41'22	
min. Earth dist.	-4065 Jul	04 j 09:36	13°♊56'49	0.62769 AU		-4064 Jun	11 j 05:34	30°℞♉	
inferior conj	-4065 Jul	07 j 06:24	11°♊08'58	-4°00'-30	evening set	-4064 Jun	11 j 20:42	29°♉38'30	
minimum elong	-4065 Jul	07 j 09:27	11°♊01'29	3°59'54	min. Earth dist.	-4064 Jun	15 j 15:24	26°♉55'33	0.60832 AU
morning rise	-4065 Jul	14 j 01:41	5°♊59'12		inferior conj	-4064 Jun	18 j 22:13	24°♉06'53	-4°-17'-37
direct	-4065 Jul	16 j 15:08	5°♊28'44		minimum elong	-4064 Jun	18 j 23:13	24°♉04'44	4°17'28
asc. node	-4065 Jul	23 j 03:19	8°♊44'59		morning rise	-4064 Jun	26 j 04:47	19°♉18'29	
morning max el	-4065 Jul	23 j 06:34	8°♊52'55	17°56'20	direct	-4064 Jun	28 j 16:45	18°♉53'33	
	-4065 Aug	06 j 04:33	0°♋		morning max el	-4064 Jul	05 j 19:19	22°♉23'01	18°05'52
morning set	-4065 Aug	08 j 17:32	4°♋30'27		asc. node	-4064 Jul	09 j 00:22	26°♉03'39	
						-4064 Jul	11 j 18:17	0°♊	
superior conj	-4065 Aug	20 j 07:31	24°♋39'28	1°22'51	morning set	-4064 Jul	21 j 18:35	17°♊35'45	
minimum elong	-4065 Aug	20 j 12:58	25°♋02'24	1°22'29		-4064 Jul	28 j 11:58	0°♋	
	-4065 Aug	23 j 12:15	0°♌						
max. Earth dist.	-4065 Aug	27 j 01:07	5°♌47'33	1.43239 AU	superior conj	-4064 Jul	31 j 20:42	6°♋02'38	1°42'22
desc. node	-4065 Sep	03 j 15:22	17°♌52'23		minimum elong	-4064 Jul	31 j 23:45	6°♋16'08	1°42'23
evening rise	-4065 Sep	04 j 14:37	19°♌22'59		max. Earth dist.	-4064 Aug	08 j 09:52	19°♋04'09	1.41615 AU
	-4065 Sep	11 j 12:46	0°♍		evening rise	-4064 Aug	14 j 05:19	28°♋36'01	
greatest brilliancy	-4065 Sep	29 j 06:47	25°♍22'38	-0.5m		-4064 Aug	15 j 02:18	0°♌	
	-4065 Oct	03 j 02:57	0°♎		desc. node	-4064 Aug	20 j 12:21	8°♌29'46	
evening max el	-4065 Oct	04 j 15:00	1°♎36'27	21°11'37		-4064 Sep	04 j 04:34	0°♍	
retrograde	-4065 Oct	13 j 04:24	6°♎40'36		greatest brilliancy	-4064 Sep	11 j 14:44	9°♍42'31	-0.3m
evening set	-4065 Oct	17 j 04:39	5°♎10'02		evening max el	-4064 Sep	16 j 08:30	15°♍02'02	22°28'08
asc. node	-4065 Oct	19 j 02:16	3°♎24'17		retrograde	-4064 Sep	25 j 23:19	20°♍44'31	
	-4065 Oct	21 j 20:03	30°℞♍		evening set	-4064 Sep	30 j 12:35	18°♍54'47	
inferior conj	-4065 Oct	22 j 14:39	28°♍56'32	1°11'00	asc. node	-4064 Oct	04 j 23:23	13°♍50'23	
minimum elong	-4065 Oct	22 j 13:03	29°♍01'58	1°10'22	inferior conj	-4064 Oct	05 j 21:03	12°♍35'54	0°18'32
min. Earth dist.	-4065 Oct	23 j 00:13	28°♍23'43	0.67168 AU	minimum elong	-4064 Oct	05 j 20:37	12°♍37'24	0°18'24
morning rise	-4065 Oct	27 j 21:05	22°♍39'05		min. Earth dist.	-4064 Oct	05 j 20:11	12°♍38'55	0.67416 AU
direct	-4065 Nov	02 j 00:09	20°♍28'30		morning rise	-4064 Oct	11 j 04:33	6°♍20'00	
morning max el	-4065 Nov	12 j 15:25	26°♍49'36	23°43'34	direct	-4064 Oct	15 j 16:41	4°♍31'14	
	-4065 Nov	15 j 14:02	0°♎		morning max el	-4064 Oct	25 j 03:18	10°♍08'06	22°17'39
desc. node	-4065 Nov	30 j 15:16	19°♎58'28		greatest brilliancy	-4064 Oct	29 j 20:39	15°♍28'27	-0.3m
	-4065 Dec	07 j 07:08	0°♏			-4064 Nov	09 j 15:04	0°♎	
morning set	-4065 Dec	17 j 21:47	17°♏12'20		desc. node	-4064 Nov	16 j 12:12	10°♎08'30	
max. Earth dist.	-4065 Dec	22 j 00:29	24°♏19'14	1.38878 AU	morning set	-4064 Nov	27 j 04:56	26°♎50'17	
	-4065 Dec	25 j 04:42	0°♐			-4064 Nov	29 j 03:36	0°♏	
					max. Earth dist.	-4064 Dec	02 j 22:49	6°♏18'35	1.40939 AU
superior conj	-4065 Dec	29 j 10:06	7°♐48'28	-1°-52'-49					
minimum elong	-4065 Dec	29 j 11:29	7°♐54'57	1°52'58	superior conj	-4064 Dec	10 j 16:46	19°♏44'24	-1°-53'-26
evening rise	-4064 Jan	07 j 12:23	25°♐21'06		minimum elong	-4064 Dec	10 j 15:15	19°♏37'39	1°53'32

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4064 Dec 16 j 08:09	0°♐	
evening rise	-4064 Dec 20 j 22:23	8°♐33'39	
asc. node	-4064 Dec 31 j 22:18	27°♐54'21	
	-4063 Jan 02 j 09:00	0°♑	
evening max el	-4063 Jan 06 j 04:21	4°♑32'24	18°16'39
retrograde	-4063 Jan 13 j 07:31	8°♑06'18	
evening set	-4063 Jan 15 j 20:33	7°♑40'06	
inferior conj	-4063 Jan 22 j 23:15	2°♑55'13	4°00'24
minimum elong	-4063 Jan 23 j 00:23	2°♑52'46	4°00'10
	-4063 Jan 26 j 08:48	30°℞♐	
min. Earth dist.	-4063 Jan 26 j 06:55	0°♑03'51	0.59868 AU
morning rise	-4063 Jan 30 j 01:11	27°♐21'51	
direct	-4063 Feb 05 j 15:54	25°♐23'08	
desc. node	-4063 Feb 12 j 11:40	27°♐19'15	
	-4063 Feb 16 j 11:16	0°♑	
morning max el	-4063 Feb 19 j 20:47	3°♑00'35	27°10'05
	-4063 Mar 11 j 13:12	0°♒	
morning set	-4063 Mar 22 j 17:15	21°♒15'46	
	-4063 Mar 26 j 20:00	0°♓	
superior conj	-4063 Mar 29 j 20:40	6°♓35'53	0°00'-28
minimum elong	-4063 Mar 29 j 20:42	6°♓36'01	0°00'33
behind sun begin	-4063 Mar 29 j 15:42	6°♓08'39	
behind sun end	-4063 Mar 30 j 01:42	7°♓03'23	
max. Earth dist.	-4063 Mar 29 j 10:30	5°♓40'15	1.32571 AU
asc. node	-4063 Mar 29 j 21:45	6°♓41'50	
evening rise	-4063 Apr 05 j 20:56	21°♓44'32	
	-4063 Apr 09 j 22:14	0°♈	
	-4063 Apr 28 j 14:24	0°♉	
evening max el	-4063 May 04 j 00:20	5°♉54'40	25°56'17
desc. node	-4063 May 11 j 10:23	11°♉25'30	
retrograde	-4063 May 18 j 02:21	13°♉10'12	
evening set	-4063 May 24 j 00:57	11°♉44'27	
min. Earth dist.	-4063 May 28 j 12:50	9°♉01'20	0.58792 AU
inferior conj	-4063 May 31 j 21:01	6°♉32'45	-4°-11'-3
minimum elong	-4063 May 31 j 18:42	6°♉37'07	4°10'47
morning rise	-4063 Jun 08 j 16:18	2°♉06'42	
direct	-4063 Jun 11 j 03:43	1°♉46'16	
morning max el	-4063 Jun 19 j 03:07	5°♉33'08	18°35'14
asc. node	-4063 Jun 25 j 21:23	14°♉14'03	
	-4063 Jul 04 j 15:50	0°♊	
morning set	-4063 Jul 05 j 08:26	1°♊20'01	
superior conj	-4063 Jul 14 j 08:28	18°♊34'23	1°49'07
minimum elong	-4063 Jul 14 j 08:52	18°♊36'12	1°49'18
	-4063 Jul 20 j 15:17	0°♋	
max. Earth dist.	-4063 Jul 21 j 13:15	1°♋36'38	1.39701 AU
evening rise	-4063 Jul 25 j 19:58	8°♋57'42	
desc. node	-4063 Aug 07 j 09:21	28°♋57'42	
	-4063 Aug 08 j 01:57	0°♌	
evening max el	-4063 Aug 29 j 21:18	28°♌28'44	23°48'52
	-4063 Aug 31 j 11:26	0°♍	
retrograde	-4063 Sep 09 j 15:11	4°♍49'11	
evening set	-4063 Sep 14 j 18:57	2°♍39'37	
	-4063 Sep 17 j 08:08	30°℞♌	
min. Earth dist.	-4063 Sep 19 j 16:18	26°♌56'49	0.67358 AU
inferior conj	-4063 Sep 20 j 03:28	26°♌18'47	0°-34'-58
minimum elong	-4063 Sep 20 j 04:17	26°♌16'00	0°34'32
asc. node	-4063 Sep 21 j 20:29	24°♌01'49	
morning rise	-4063 Sep 25 j 13:47	20°♌07'26	
direct	-4063 Sep 29 j 12:28	18°♌39'27	
morning max el	-4063 Oct 07 j 21:14	23°♌34'36	20°58'09
	-4063 Oct 13 j 08:53	0°♍	
greatest brilliancy	-4063 Oct 13 j 14:44	0°♍18'53	-0.5m
desc. node	-4063 Nov 03 j 09:08	0°♎33'44	
	-4063 Nov 03 j 00:22	0°♎	
morning set	-4063 Nov 06 j 11:06	5°♎20'37	
max. Earth dist.	-4063 Nov 15 j 03:53	19°♎11'43	1.42758 AU
superior conj	-4063 Nov 21 j 23:36	0°♏30'20	-1°-40'-21
minimum elong	-4063 Nov 21 j 18:24	0°♏08'20	1°40'05
	-4063 Nov 21 j 16:26	0°♏	
evening rise	-4063 Dec 03 j 18:24	21°♏04'17	
	-4063 Dec 08 j 18:55	0°♐	
asc. node	-4063 Dec 18 j 19:22	15°♐36'38	
evening max el	-4063 Dec 20 j 15:19	17°♐38'19	18°07'52
retrograde	-4063 Dec 27 j 07:10	21°♐06'29	
evening set	-4063 Dec 29 j 22:52	20°♐33'10	
inferior conj	-4062 Jan 05 j 13:23	15°♐26'36	4°00'31
minimum elong	-4062 Jan 05 j 12:05	15°♐29'51	4°00'15
min. Earth dist.	-4062 Jan 08 j 11:25	12°♐33'49	0.61851 AU
morning rise	-4062 Jan 11 j 23:02	9°♐37'48	
direct	-4062 Jan 18 j 23:40	7°♐07'32	
desc. node	-4062 Jan 30 j 08:44	12°♐26'27	
morning max el	-4062 Feb 01 j 23:53	14°♐51'05	27°40'36
	-4062 Feb 14 j 08:26	0°♑	
	-4062 Mar 03 j 23:44	0°♒	
morning set	-4062 Mar 06 j 22:23	5°♒53'20	
max. Earth dist.	-4062 Mar 12 j 21:45	18°♒28'39	1.32777 AU
superior conj	-4062 Mar 14 j 07:19	21°♒30'29	0°-25'-35
minimum elong	-4062 Mar 14 j 08:28	21°♒36'44	0°25'28
asc. node	-4062 Mar 16 j 18:44	26°♒53'49	
	-4062 Mar 18 j 05:03	0°♓	
evening rise	-4062 Mar 21 j 08:14	6°♓41'56	
	-4062 Apr 02 j 17:19	0°♈	
evening max el	-4062 Apr 15 j 17:20	16°♈52'03	24°33'24
desc. node	-4062 Apr 28 j 07:30	23°♈50'32	
retrograde	-4062 Apr 29 j 16:09	23°♈54'49	
evening set	-4062 May 04 j 08:18	23°♈05'24	
min. Earth dist.	-4062 May 10 j 05:20	20°♈06'20	0.56941 AU
inferior conj	-4062 May 13 j 00:02	18°♈18'44	-3°-30'-34
minimum elong	-4062 May 12 j 18:37	18°♈27'32	3°29'26
morning rise	-4062 May 21 j 09:06	14°♈11'49	
direct	-4062 May 23 j 20:11	13°♈55'00	
morning max el	-4062 Jun 02 j 03:12	18°♈14'10	19°24'56
	-4062 Jun 10 j 23:47	0°♉	
asc. node	-4062 Jun 12 j 18:24	3°♉04'15	
morning set	-4062 Jun 19 j 07:30	15°♉34'01	
	-4062 Jun 26 j 12:58	0°♊	
superior conj	-4062 Jun 27 j 13:06	1°♊58'28	1°46'00
minimum elong	-4062 Jun 27 j 11:36	1°♊51'08	1°46'05
max. Earth dist.	-4062 Jul 03 j 14:51	13°♊32'13	1.37767 AU
evening rise	-4062 Jul 07 j 12:30	20°♊35'47	
	-4062 Jul 12 j 23:46	0°♋	
desc. node	-4062 Jul 25 j 06:22	19°♋10'43	
	-4062 Aug 02 j 01:49	0°♌	
evening max el	-4062 Aug 12 j 07:58	11°♌58'05	25°06'52
retrograde	-4062 Aug 24 j 03:03	18°♌49'43	
evening set	-4062 Aug 29 j 21:54	16°♌21'57	
min. Earth dist.	-4062 Sep 03 j 10:10	11°♌15'01	0.66990 AU
inferior conj	-4062 Sep 04 j 08:09	10°♌02'42	-1°-27'-54
minimum elong	-4062 Sep 04 j 10:11	9°♌56'00	1°26'58
asc. node	-4062 Sep 08 j 17:36	4°♌56'22	
morning rise	-4062 Sep 09 j 22:56	3°♌58'57	
direct	-4062 Sep 13 j 10:15	2°♌49'08	
morning max el	-4062 Sep 20 j 22:19	7°♌09'12	19°50'01
greatest brilliancy	-4062 Sep 28 j 20:13	17°♌05'26	-0.6m
	-4062 Oct 07 j 13:36	0°♍	
morning set	-4062 Oct 16 j 09:42	13°♍35'51	
desc. node	-4062 Oct 21 j 06:03	21°♍08'45	
	-4062 Oct 26 j 21:08	0°♎	
max. Earth dist.	-4062 Oct 28 j 15:32	2°♎48'17	1.44088 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4062 Nov 02 j 02:53	9°♎58'34	-1°-10'-43
minimum elong	-4062 Nov 01 j 19:57	9°♎30'32	1°10'00
	-4062 Nov 14 j 05:22	0°♏	
evening rise	-4062 Nov 15 j 19:47	2°♏42'47	
	-4062 Dec 03 j 06:57	0°♐	
evening max el	-4062 Dec 04 j 04:00	0°♐56'12	18°18'13
asc. node	-4062 Dec 05 j 16:27	2°♐20'18	
retrograde	-4062 Dec 10 j 17:17	4°♐29'47	
evening set	-4062 Dec 13 j 12:44	3°♐47'56	
	-4062 Dec 18 j 05:16	30°℞♏	
inferior conj	-4062 Dec 19 j 17:33	28°♏21'29	3°41'11
minimum elong	-4062 Dec 19 j 14:49	28°♏29'04	3°40'35
min. Earth dist.	-4062 Dec 22 j 01:35	25°♏46'30	0.63626 AU
morning rise	-4062 Dec 25 j 15:19	22°♏21'40	
direct	-4061 Jan 01 j 15:27	19°♏34'06	
morning max el	-4061 Jan 15 j 07:28	27°♏18'10	27°34'51
desc. node	-4061 Jan 17 j 05:46	29°♏17'23	
	-4061 Jan 17 j 21:29	0°♐	
	-4061 Feb 07 j 23:31	0°♑	
morning set	-4061 Feb 18 j 20:44	20°♑06'41	
	-4061 Feb 23 j 16:47	0°♒	
max. Earth dist.	-4061 Feb 24 j 02:47	0°♒52'27	1.33365 AU
superior conj	-4061 Feb 26 j 15:09	6°♒12'49	0°-50'-12
minimum elong	-4061 Feb 26 j 17:20	6°♒24'28	0°49'58
asc. node	-4061 Mar 03 j 15:45	17°♒00'05	
evening rise	-4061 Mar 05 j 19:44	21°♒35'34	
	-4061 Mar 09 j 22:38	0°♓	
evening max el	-4061 Mar 28 j 09:40	27°♓35'08	22°59'44
	-4061 Mar 31 j 04:43	0°♈	
retrograde	-4061 Apr 10 j 17:13	4°♈08'08	
evening set	-4061 Apr 14 j 02:22	3°♈43'08	
desc. node	-4061 Apr 15 j 04:37	3°♈24'54	
min. Earth dist.	-4061 Apr 21 j 20:00	0°♈16'33	0.55634 AU
	-4061 Apr 22 j 07:26	30°℞♓	
inferior conj	-4061 Apr 23 j 08:02	29°♓24'09	-2°-9'-51
minimum elong	-4061 Apr 23 j 02:46	29°♓31'50	2°08'17
morning rise	-4061 May 02 j 05:57	25°♓26'48	
direct	-4061 May 04 j 18:50	25°♓11'24	
	-4061 May 15 j 09:38	0°♈	
morning max el	-4061 May 15 j 17:11	0°♈17'21	20°34'43
asc. node	-4061 May 30 j 15:25	22°♈24'38	
	-4061 Jun 03 j 10:54	0°♉	
morning set	-4061 Jun 03 j 13:00	0°♉10'44	
superior conj	-4061 Jun 11 j 05:50	16°♉01'24	1°35'33
minimum elong	-4061 Jun 11 j 03:22	15°♉48'49	1°35'26
max. Earth dist.	-4061 Jun 15 j 21:37	25°♉18'46	1.36039 AU
	-4061 Jun 18 j 08:05	0°♊	
evening rise	-4061 Jun 20 j 02:45	3°♊20'14	
	-4061 Jul 05 j 22:23	0°♋	
desc. node	-4061 Jul 12 j 03:25	9°♋02'16	
evening max el	-4061 Jul 25 j 18:57	25°♋29'55	26°14'00
	-4061 Jul 31 j 04:02	0°♌	
retrograde	-4061 Aug 07 j 10:15	2°♌41'30	
evening set	-4061 Aug 13 j 19:25	0°♌00'09	
	-4061 Aug 13 j 19:30	30°℞♋	
min. Earth dist.	-4061 Aug 17 j 23:25	25°♋31'22	0.66292 AU
inferior conj	-4061 Aug 19 j 09:18	23°♋45'58	-2°-18'-28
minimum elong	-4061 Aug 19 j 12:22	23°♋36'23	2°17'14
morning rise	-4061 Aug 25 j 06:08	17°♋53'05	
asc. node	-4061 Aug 26 j 14:42	17°♋15'25	
direct	-4061 Aug 28 j 08:27	16°♋58'04	
morning max el	-4061 Sep 04 j 06:00	20°♋51'17	18°56'26
	-4061 Sep 11 j 09:42	0°♌	
morning set	-4061 Sep 25 j 23:51	22°♌41'00	
	-4061 Sep 30 j 14:50	0°♍	
desc. node	-4061 Oct 08 j 03:00	11°♍50'07	
max. Earth dist.	-4061 Oct 11 j 08:04	16°♍53'43	1.44769 AU
superior conj	-4061 Oct 12 j 07:40	18°♍26'47	0°-26'-22
minimum elong	-4061 Oct 12 j 04:15	18°♍13'19	0°25'53
	-4061 Oct 19 j 14:40	0°♎	
evening rise	-4061 Oct 27 j 22:04	13°♎20'34	
	-4061 Nov 07 j 06:12	0°♏	
evening max el	-4061 Nov 17 j 15:46	14°♏20'49	18°46'39
asc. node	-4061 Nov 22 j 13:34	17°♏50'21	
retrograde	-4061 Nov 24 j 10:04	18°♏09'23	
evening set	-4061 Nov 27 j 10:54	17°♏17'03	
inferior conj	-4061 Dec 03 j 08:09	11°♏33'12	3°08'44
minimum elong	-4061 Dec 03 j 04:58	11°♏42'50	3°07'48
min. Earth dist.	-4061 Dec 05 j 01:28	9°♏28'05	0.65070 AU
morning rise	-4061 Dec 08 j 21:57	5°♏25'16	
direct	-4061 Dec 15 j 13:52	2°♏35'38	
morning max el	-4061 Dec 28 j 16:56	10°♏11'33	26°56'31
desc. node	-4060 Jan 04 j 02:47	17°♏22'15	
	-4060 Jan 13 j 10:29	0°♐	
	-4060 Jan 31 j 09:37	0°♑	
morning set	-4060 Feb 02 j 09:05	3°♑45'13	
max. Earth dist.	-4060 Feb 06 j 22:04	12°♑42'39	1.34387 AU
superior conj	-4060 Feb 10 j 18:09	20°♑36'02	-1°-13'-12
minimum elong	-4060 Feb 10 j 21:05	20°♑51'18	1°12'56
	-4060 Feb 15 j 05:21	0°♒	
evening rise	-4060 Feb 18 j 05:42	6°♒19'13	
asc. node	-4060 Feb 18 j 12:46	6°♒55'54	
	-4060 Mar 02 j 06:26	0°♓	
evening max el	-4060 Mar 09 j 07:23	8°♓29'57	21°28'45
retrograde	-4060 Mar 21 j 07:54	14°♓16'18	
evening set	-4060 Mar 23 j 21:32	14°♓01'22	
desc. node	-4060 Apr 01 j 01:46	10°♓38'14	
inferior conj	-4060 Apr 02 j 04:18	10°♓01'03	0°-18'-23
minimum elong	-4060 Apr 02 j 03:26	10°♓02'16	0°18'10
min. Earth dist.	-4060 Apr 02 j 10:01	9°♓53'00	0.55163 AU
morning rise	-4060 Apr 11 j 09:21	5°♓57'48	
direct	-4060 Apr 14 j 07:36	5°♓38'58	
morning max el	-4060 Apr 26 j 20:09	11°♓37'52	22°02'03
	-4060 May 10 j 05:02	0°♈	
asc. node	-4060 May 16 j 12:26	12°♈06'37	
morning set	-4060 May 17 j 22:36	15°♈02'23	
superior conj	-4060 May 25 j 06:57	0°♉31'01	1°19'46
minimum elong	-4060 May 25 j 04:16	0°♉16'55	1°19'29
	-4060 May 25 j 01:02	0°♉	
max. Earth dist.	-4060 May 28 j 13:53	7°♉20'12	1.34640 AU
evening rise	-4060 Jun 02 j 09:10	16°♉54'23	
	-4060 Jun 09 j 11:21	0°♊	
desc. node	-4060 Jun 28 j 00:30	28°♊22'13	
	-4060 Jun 29 j 07:12	0°♋	
evening max el	-4060 Jul 07 j 06:29	8°♋55'56	27°02'16
retrograde	-4060 Jul 20 j 12:06	16°♋17'06	
evening set	-4060 Jul 27 j 09:01	13°♋30'09	
min. Earth dist.	-4060 Jul 31 j 05:35	9°♋39'58	0.65223 AU
inferior conj	-4060 Aug 02 j 04:46	7°♋24'15	-3°-4'-33
minimum elong	-4060 Aug 02 j 08:28	7°♋13'35	3°03'19
morning rise	-4060 Aug 08 j 09:10	1°♋45'43	
direct	-4060 Aug 11 j 04:50	1°♋02'19	
asc. node	-4060 Aug 12 j 11:49	1°♋11'22	
morning max el	-4060 Aug 17 j 18:28	4°♋37'10	18°19'16
	-4060 Sep 03 j 20:00	0°♌	
morning set	-4060 Sep 05 j 16:50	3°♌04'54	
superior conj	-4060 Sep 20 j 08:25	26°♌48'06	0°23'02
minimum elong	-4060 Sep 20 j 11:17	26°♌59'30	0°22'45

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4060 Sep 22 j 08:50	0°♍		
max. Earth dist.	-4060 Sep 23 j 02:28	1°♍09'42	1.44718 AU	
desc. node	-4060 Sep 23 j 23:58	2°♍34'32		
evening rise	-4060 Oct 06 j 23:33	22°♍55'24		
	-4060 Oct 11 j 12:25	0°♎		
greatest brilliancy	-4060 Oct 22 j 04:21	16°♎18'32	-0.7m	
evening max el	-4060 Oct 31 j 00:09	27°♎47'51	19°31'45	
	-4060 Nov 02 j 10:13	0°♏		
retrograde	-4060 Nov 07 j 06:22	2°♏00'11		
asc. node	-4060 Nov 08 j 10:41	1°♏52'08		
evening set	-4060 Nov 10 j 14:35	0°♏54'57		
	-4060 Nov 11 j 19:34	30°℞♎		
inferior conj	-4060 Nov 16 j 06:07	24°♎56'45	2°27'25	
minimum elong	-4060 Nov 16 j 03:13	25°♎06'11	2°26'23	
min. Earth dist.	-4060 Nov 17 j 09:53	23°♎26'54	0.66149 AU	
morning rise	-4060 Nov 21 j 15:06	18°♎43'04		
direct	-4060 Nov 27 j 18:00	16°♎03'24		
morning max el	-4060 Dec 10 j 02:20	23°♎19'50	25°52'54	
	-4060 Dec 16 j 01:35	0°♏		
desc. node	-4060 Dec 20 j 23:48	6°♏19'07		
	-4059 Jan 05 j 18:34	0°♐		
morning set	-4059 Jan 15 j 07:06	16°♐36'01		
max. Earth dist.	-4059 Jan 19 j 05:59	24°♐02'12	1.35854 AU	
	-4059 Jan 22 j 07:19	0°♑		
superior conj	-4059 Jan 24 j 13:48	4°♑32'18	-1°-33'-3	
minimum elong	-4059 Jan 24 j 16:55	4°♑48'02	1°32'54	
evening rise	-4059 Feb 01 j 12:12	20°♑46'42		
asc. node	-4059 Feb 04 j 09:49	26°♑36'19		
	-4059 Feb 06 j 03:47	0°♒		
evening max el	-4059 Feb 19 j 14:39	19°♒55'25	20°10'38	
retrograde	-4059 Mar 01 j 23:17	24°♒50'29		
evening set	-4059 Mar 04 j 06:52	24°♒36'49		
inferior conj	-4059 Mar 13 j 02:28	20°♒37'24	1°34'37	
minimum elong	-4059 Mar 13 j 06:20	20°♒31'35	1°33'17	
min. Earth dist.	-4059 Mar 15 j 00:03	19°♒29'10	0.55627 AU	
desc. node	-4059 Mar 18 j 22:53	17°♒22'06		
morning rise	-4059 Mar 22 j 03:15	16°♒11'23		
direct	-4059 Mar 25 j 22:35	15°♒39'40		
morning max el	-4059 Apr 08 j 14:29	22°♒24'53	23°40'02	
	-4059 Apr 15 j 05:54	0°♓		
morning set	-4059 May 02 j 10:23	0°♈02'47		
	-4059 May 02 j 09:51	0°♈		
asc. node	-4059 May 03 j 09:27	2°♈04'07		
superior conj	-4059 May 09 j 13:38	15°♈18'40	1°00'10	
minimum elong	-4059 May 09 j 11:18	15°♈06'07	0°59'48	
max. Earth dist.	-4059 May 11 j 15:47	19°♈46'15	1.33609 AU	
	-4059 May 16 j 14:19	0°♉		
evening rise	-4059 May 17 j 03:10	1°♉04'30		
	-4059 Jun 02 j 10:33	0°♊		
desc. node	-4059 Jun 14 j 21:36	16°♊57'06		
evening max el	-4059 Jun 19 j 17:07	22°♊04'05	27°24'29	
retrograde	-4059 Jul 03 j 08:16	29°♊28'06		
evening set	-4059 Jul 10 j 11:34	26°♊47'03		
min. Earth dist.	-4059 Jul 14 j 02:41	23°♊31'48	0.63769 AU	
inferior conj	-4059 Jul 16 j 15:58	20°♊52'13	-3°-43'-13	
minimum elong	-4059 Jul 16 j 19:34	20°♊42'48	3°42'20	
morning rise	-4059 Jul 23 j 05:26	15°♊31'21		
direct	-4059 Jul 25 j 20:37	14°♊56'48		
asc. node	-4059 Jul 30 j 08:55	16°♊37'38		
morning max el	-4059 Aug 01 j 09:13	18°♊22'03	17°59'32	
	-4059 Aug 09 j 20:20	0°♋		
morning set	-4059 Aug 18 j 11:40	14°♋42'24		
	-4059 Aug 27 j 11:01	0°♌		
superior conj	-4059 Aug 31 j 02:52	6°♌03'53	1°04'58	
minimum elong	-4059 Aug 31 j 08:39	6°♌27'41	1°04'27	
max. Earth dist.	-4059 Sep 05 j 19:03	15°♌15'45	1.43955 AU	
desc. node	-4059 Sep 10 j 20:55	23°♌18'42		
	-4059 Sep 15 j 03:49	0°♍		
evening rise	-4059 Sep 16 j 06:39	1°♍43'49		
	-4059 Oct 05 j 04:36	0°♎		
greatest brilliancy	-4059 Oct 07 j 21:27	3°♎42'29	-0.5m	
evening max el	-4059 Oct 14 j 03:10	11°♎14'06	20°31'34	
retrograde	-4059 Oct 22 j 03:40	15°♎57'54		
evening set	-4059 Oct 25 j 21:25	14°♎37'14		
asc. node	-4059 Oct 26 j 07:49	14°♎17'24		
inferior conj	-4059 Oct 31 j 08:57	8°♎28'04	1°40'06	
minimum elong	-4059 Oct 31 j 06:47	8°♎35'23	1°39'15	
min. Earth dist.	-4059 Nov 01 j 00:44	7°♎34'42	0.66884 AU	
morning rise	-4059 Nov 05 j 15:41	2°♎11'07		
	-4059 Nov 09 j 13:38	30°℞♍		
direct	-4059 Nov 11 j 03:27	29°♍48'55		
	-4059 Nov 12 j 18:46	0°♎		
morning max el	-4059 Nov 22 j 11:08	6°♎33'35	24°33'02	
desc. node	-4059 Dec 07 j 20:46	25°♎52'03		
	-4059 Dec 10 j 17:16	0°♏		
morning set	-4059 Dec 28 j 09:03	28°♏22'14		
	-4059 Dec 29 j 07:17	0°♐		
max. Earth dist.	-4058 Jan 01 j 04:28	5°♐09'55	1.37704 AU	
superior conj	-4058 Jan 07 j 22:37	17°♐50'56	-1°-47'-46	
minimum elong	-4058 Jan 08 j 01:00	18°♐02'28	1°47'48	
	-4058 Jan 14 j 02:36	0°♑		
evening rise	-4058 Jan 16 j 12:56	4°♑50'18		
asc. node	-4058 Jan 22 j 06:50	15°♑54'29		
	-4058 Jan 31 j 12:00	0°♒		
evening max el	-4058 Feb 02 j 08:21	1°♒56'20	19°10'41	
retrograde	-4058 Feb 11 j 03:19	6°♒08'13		
evening set	-4058 Feb 13 j 11:57	5°♒51'23		
inferior conj	-4058 Feb 21 j 15:07	1°♒39'15	3°00'16	
minimum elong	-4058 Feb 21 j 20:01	1°♒30'50	2°58'59	
	-4058 Feb 24 j 01:11	30°℞♑		
min. Earth dist.	-4058 Feb 24 j 15:09	29°♑36'49	0.56905 AU	
morning rise	-4058 Mar 02 j 00:19	26°♑42'51		
desc. node	-4058 Mar 05 j 20:00	25°♑47'25		
direct	-4058 Mar 07 j 00:57	25°♑43'59		
	-4058 Mar 17 j 17:53	0°♒		
morning max el	-4058 Mar 21 j 05:30	3°♒00'30	25°16'35	
	-4058 Apr 09 j 07:12	0°♓		
morning set	-4058 Apr 16 j 22:36	15°♓05'33		
asc. node	-4058 Apr 20 j 06:26	22°♓11'34		
superior conj	-4058 Apr 23 j 23:41	0°♈16'50	0°37'53	
minimum elong	-4058 Apr 23 j 22:05	0°♈08'08	0°37'34	
	-4058 Apr 23 j 20:36	0°♈		
max. Earth dist.	-4058 Apr 25 j 00:52	2°♈33'38	1.32935 AU	
evening rise	-4058 May 01 j 05:12	15°♈39'19		
	-4058 May 08 j 14:29	0°♉		
	-4058 May 28 j 13:50	0°♊		
desc. node	-4058 Jun 01 j 18:42	4°♊28'04		
evening max el	-4058 Jun 02 j 00:34	4°♊42'11	27°15'36	
retrograde	-4058 Jun 15 j 22:11	12°♊05'32		
evening set	-4058 Jun 22 j 23:17	9°♊44'36		
min. Earth dist.	-4058 Jun 26 j 13:56	6°♊54'15	0.61967 AU	
inferior conj	-4058 Jun 29 j 15:52	4°♊03'23	-4°-10'-5	
minimum elong	-4058 Jun 29 j 18:13	3°♊57'54	4°09'43	
	-4058 Jul 04 j 16:41	30°℞♉		
morning rise	-4058 Jul 06 j 15:48	29°♉02'51		
direct	-4058 Jul 09 j 04:24	28°♉35'01		
	-4058 Jul 13 j 12:38	0°♊		
morning max el	-4058 Jul 15 j 23:34	2°♊00'02	17°58'07	
asc. node	-4058 Jul 17 j 05:58	3°♊19'57		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4058 Aug 01 j 03:15	27°♊19'35	
	-4058 Aug 02 j 14:40	0°♋	
superior conj	-4058 Aug 12 j 00:44	16°♋41'40	1°32'51
minimum elong	-4058 Aug 12 j 05:19	17°♋01'22	1°32'40
max. Earth dist.	-4058 Aug 19 j 06:41	28°♋53'01	1.42589 AU
	-4058 Aug 19 j 23:02	0°♌	
evening rise	-4058 Aug 26 j 12:47	10°♌32'08	
desc. node	-4058 Aug 28 j 17:54	13°♌59'47	
	-4058 Sep 08 j 07:44	0°♍	
greatest brilliancy	-4058 Sep 22 j 01:44	19°♍01'32	-0.4m
evening max el	-4058 Sep 26 j 23:59	24°♍39'40	21°43'14
	-4058 Oct 05 j 16:25	0°♎	
retrograde	-4058 Oct 06 j 00:00	0°♎00'31	
	-4058 Oct 06 j 07:33	30°℞♍	
evening set	-4058 Oct 10 j 05:28	28°♍22'03	
asc. node	-4058 Oct 13 j 04:56	25°♍17'43	
inferior conj	-4058 Oct 15 j 14:37	22°♍05'35	0°49'01
minimum elong	-4058 Oct 15 j 13:30	22°♍09'26	0°48'34
min. Earth dist.	-4058 Oct 15 j 19:40	21°♍48'09	0.67305 AU
morning rise	-4058 Oct 20 j 21:15	15°♍48'12	
direct	-4058 Oct 25 j 17:44	13°♍46'57	
morning max el	-4058 Nov 04 j 21:00	19°♍50'07	23°06'40
greatest brilliancy	-4058 Nov 09 j 22:06	25°♍30'55	-0.3m
	-4058 Nov 13 j 11:03	0°♎	
desc. node	-4058 Nov 24 j 17:44	15°♎51'03	
	-4058 Dec 03 j 22:40	0°♏	
morning set	-4058 Dec 09 j 08:56	8°♏49'20	
max. Earth dist.	-4058 Dec 14 j 00:08	16°♏39'53	1.39765 AU
	-4058 Dec 21 j 11:47	0°♐	
superior conj	-4058 Dec 21 j 16:22	0°♐21'05	-1°-54'-31
minimum elong	-4058 Dec 21 j 16:42	0°♐22'35	1°54'40
evening rise	-4058 Dec 31 j 05:14	18°♐23'38	
	-4057 Jan 06 j 10:05	0°♑	
asc. node	-4057 Jan 09 j 03:52	4°♑43'06	
evening max el	-4057 Jan 16 j 10:57	14°♑29'03	18°30'37
retrograde	-4057 Jan 24 j 01:27	18°♑12'10	
evening set	-4057 Jan 26 j 12:52	17°♑49'49	
inferior conj	-4057 Feb 02 j 23:53	13°♑17'57	3°48'14
minimum elong	-4057 Feb 03 j 02:40	13°♑12'24	3°47'44
min. Earth dist.	-4057 Feb 06 j 09:10	10°♑37'33	0.58721 AU
morning rise	-4057 Feb 10 j 12:55	7°♑55'53	
direct	-4057 Feb 16 j 16:41	6°♑18'50	
desc. node	-4057 Feb 20 j 17:05	6°♑59'00	
morning max el	-4057 Mar 02 j 22:56	13°♑51'45	26°36'36
	-4057 Mar 15 j 19:27	0°♒	
morning set	-4057 Apr 01 j 09:32	0°♓04'10	
	-4057 Apr 01 j 08:44	0°♓	
asc. node	-4057 Apr 07 j 03:23	12°♓24'15	
superior conj	-4057 Apr 08 j 11:17	15°♓18'46	0°13'51
minimum elong	-4057 Apr 08 j 10:41	15°♓15'26	0°13'40
behind sun begin	-4057 Apr 08 j 08:10	15°♓01'45	
behind sun end	-4057 Apr 08 j 13:11	15°♓29'08	
max. Earth dist.	-4057 Apr 08 j 13:42	15°♓32'01	1.32605 AU
	-4057 Apr 15 j 06:53	0°♈	
evening rise	-4057 Apr 15 j 12:30	0°♈29'22	
	-4057 May 01 j 19:05	0°♉	
evening max el	-4057 May 15 j 02:44	16°♉40'44	26°33'56
desc. node	-4057 May 19 j 15:49	20°♉28'03	
retrograde	-4057 May 29 j 04:25	24°♉00'25	
evening set	-4057 Jun 04 j 15:56	22°♉12'46	
min. Earth dist.	-4057 Jun 08 j 16:04	19°♉31'39	0.59951 AU
inferior conj	-4057 Jun 12 j 00:52	16°♉48'40	-4°-18'-23
minimum elong	-4057 Jun 12 j 00:34	16°♉49'17	4°18'17
morning rise	-4057 Jun 19 j 12:40	12°♉09'54	
direct	-4057 Jun 22 j 00:09	11°♉47'08	
morning max el	-4057 Jun 29 j 10:35	15°♉22'46	18°15'54
asc. node	-4057 Jul 04 j 03:00	21°♉02'11	
	-4057 Jul 09 j 15:15	0°♊	
morning set	-4057 Jul 15 j 10:14	10°♊42'25	
superior conj	-4057 Jul 25 j 00:12	28°♊35'36	1°46'38
minimum elong	-4057 Jul 25 j 02:03	28°♊44'02	1°46'44
	-4057 Jul 25 j 18:51	0°♋	
max. Earth dist.	-4057 Aug 01 j 12:21	11°♋48'40	1.40814 AU
evening rise	-4057 Aug 06 j 12:44	20°♋11'29	
	-4057 Aug 12 j 16:02	0°♌	
desc. node	-4057 Aug 15 j 14:54	4°♌33'34	
	-4057 Sep 02 j 14:38	0°♍	
greatest brilliancy	-4057 Sep 04 j 09:42	2°♍13'36	-0.3m
evening max el	-4057 Sep 09 j 15:13	8°♍05'21	23°02'25
retrograde	-4057 Sep 19 j 17:46	14°♍04'42	
evening set	-4057 Sep 24 j 12:56	12°♍06'46	
inferior conj	-4057 Sep 29 j 21:14	5°♍46'39	0°-4'-6
minimum elong	-4057 Sep 29 j 21:19	5°♍46'20	0°04'00
transit middle	-4057 Sep 29 j 21:19	5°♍46'20	0°04'00
transit begin	-4057 Sep 29 j 18:42	5°♍55'21	
transit end	-4057 Sep 29 j 23:56	5°♍37'19	
min. Earth dist.	-4057 Sep 29 j 16:05	6°♍04'22	0.67425 AU
asc. node	-4057 Sep 30 j 02:02	5°♍30'07	
	-4057 Oct 04 j 16:23	30°℞♌	
morning rise	-4057 Oct 05 j 05:41	29°♌32'03	
direct	-4057 Oct 09 j 11:55	27°♌52'10	
	-4057 Oct 14 j 20:39	0°♍	
morning max el	-4057 Oct 18 j 11:00	3°♍10'56	21°42'39
greatest brilliancy	-4057 Oct 23 j 11:15	8°♍55'32	-0.4m
	-4057 Nov 07 j 13:02	0°♎	
desc. node	-4057 Nov 11 j 14:42	6°♎08'11	
morning set	-4057 Nov 19 j 04:14	17°♎54'13	
max. Earth dist.	-4057 Nov 26 j 00:31	29°♎00'03	1.41758 AU
	-4057 Nov 26 j 14:58	0°♏	
superior conj	-4057 Dec 03 j 13:37	11°♏49'10	-1°-49'-47
minimum elong	-4057 Dec 03 j 10:32	11°♏35'45	1°49'47
	-4057 Dec 13 j 16:30	0°♐	
evening rise	-4057 Dec 14 j 09:46	1°♐19'13	
asc. node	-4057 Dec 27 j 00:55	22°♐52'58	
evening max el	-4057 Dec 30 j 19:46	27°♐25'38	18°10'34
	-4056 Jan 03 j 04:50	0°♑	
retrograde	-4056 Jan 06 j 16:47	0°♑55'11	
evening set	-4056 Jan 09 j 06:59	0°♑26'01	
	-4056 Jan 10 j 07:04	30°℞♐	
inferior conj	-4056 Jan 16 j 04:12	25°♐32'00	4°03'16
minimum elong	-4056 Jan 16 j 04:11	25°♐32'03	4°03'06
min. Earth dist.	-4056 Jan 19 j 08:48	22°♐37'12	0.60730 AU
morning rise	-4056 Jan 22 j 22:43	19°♐51'43	
direct	-4056 Jan 29 j 19:18	17°♐37'50	
desc. node	-4056 Feb 07 j 14:10	20°♐50'10	
morning max el	-4056 Feb 12 j 22:13	25°♐18'14	27°27'26
	-4056 Feb 17 j 06:57	0°♑	
	-4056 Mar 08 j 02:38	0°♒	
morning set	-4056 Mar 15 j 17:25	14°♒52'04	
max. Earth dist.	-4056 Mar 22 j 02:44	28°♒29'04	1.32615 AU
superior conj	-4056 Mar 22 j 22:47	0°♓18'26	0°-11'-6
minimum elong	-4056 Mar 22 j 23:17	0°♓21'11	0°11'06
behind sun begin	-4056 Mar 22 j 19:41	0°♓01'28	
behind sun end	-4056 Mar 23 j 02:54	0°♓40'53	
	-4056 Mar 22 j 19:25	0°♓	
asc. node	-4056 Mar 24 j 00:21	2°♓38'08	
evening rise	-4056 Mar 29 j 22:56	15°♓26'58	
	-4056 Apr 06 j 06:56	0°♈	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4056 Apr 25 j 22:51	27°♈58'54	25°23'21	
	-4056 Apr 28 j 05:02	0°♉		
desc. node	-4056 May 05 j 12:54	4°♉22'40		
retrograde	-4056 May 10 j 00:35	5°♉09'52		
evening set	-4056 May 15 j 10:56	4°♉00'44		
min. Earth dist.	-4056 May 20 j 11:14	1°♉12'19	0.57962 AU	
	-4056 May 22 j 05:06	30°℞♈		
inferior conj	-4056 May 23 j 15:34	28°♈59'11	-3°-58'-40	
minimum elong	-4056 May 23 j 11:44	29°♈05'55	3°58'05	
morning rise	-4056 May 31 j 16:34	24°♈41'31		
direct	-4056 Jun 03 j 03:48	24°♈22'43		
morning max el	-4056 Jun 11 j 15:24	28°♈21'45	18°53'47	
	-4056 Jun 13 j 05:53	0°♉		
asc. node	-4056 Jun 20 j 00:02	9°♉31'07		
morning set	-4056 Jun 28 j 04:27	24°♉40'41		
	-4056 Jun 30 j 21:28	0°♊		
superior conj	-4056 Jul 06 j 19:48	11°♊31'17	1°48'51	
minimum elong	-4056 Jul 06 j 19:17	11°♊28'47	1°49'00	
max. Earth dist.	-4056 Jul 13 j 14:32	24°♊04'06	1.38872 AU	
	-4056 Jul 16 j 23:21	0°♋		
evening rise	-4056 Jul 17 j 14:46	1°♋06'33		
desc. node	-4056 Aug 01 j 11:54	24°♋55'37		
	-4056 Aug 04 j 23:13	0°♌		
evening max el	-4056 Aug 22 j 02:59	21°♌33'32	24°22'54	
retrograde	-4056 Sep 02 j 07:53	28°♌07'38		
evening set	-4056 Sep 07 j 18:03	25°♌50'10		
min. Earth dist.	-4056 Sep 12 j 11:32	20°♌22'16	0.67245 AU	
inferior conj	-4056 Sep 13 j 03:07	19°♌29'50	0°-57'-35	
minimum elong	-4056 Sep 13 j 04:28	19°♌25'18	0°56'55	
asc. node	-4056 Sep 15 j 23:10	15°♌52'49		
morning rise	-4056 Sep 18 j 15:08	13°♌21'18		
direct	-4056 Sep 22 j 08:49	12°♌01'13		
morning max el	-4056 Sep 30 j 07:50	16°♌40'03	20°27'31	
greatest brilliancy	-4056 Oct 06 j 19:35	24°♌29'40	-0.5m	
	-4056 Oct 10 j 18:45	0°♍		
morning set	-4056 Oct 28 j 04:14	26°♍09'08		
desc. node	-4056 Oct 28 j 11:38	26°♍37'52		
	-4056 Oct 30 j 15:33	0°♎		
max. Earth dist.	-4056 Nov 07 j 08:54	12°♎14'31	1.43398 AU	
superior conj	-4056 Nov 13 j 08:55	22°♎02'08	-1°-29'-52	
minimum elong	-4056 Nov 13 j 02:29	21°♎35'33	1°29'23	
	-4056 Nov 18 j 02:58	0°♏		
evening rise	-4056 Nov 25 j 22:26	13°♏28'37		
	-4056 Dec 05 j 13:30	0°♐		
asc. node	-4056 Dec 12 j 22:00	10°♐12'12		
evening max el	-4056 Dec 13 j 07:52	10°♐37'40	18°10'00	
retrograde	-4056 Dec 19 j 21:26	14°♐06'37		
evening set	-4056 Dec 22 j 14:43	13°♐29'42		
inferior conj	-4056 Dec 29 j 00:47	8°♐14'14	3°54'15	
minimum elong	-4056 Dec 28 j 22:44	8°♐19'34	3°53'52	
min. Earth dist.	-4056 Dec 31 j 17:02	5°♐27'25	0.62641 AU	
morning rise	-4055 Jan 04 j 04:54	2°♐20'35		
	-4055 Jan 08 j 19:46	30°℞♏		
direct	-4055 Jan 11 j 06:31	29°♏41'20		
	-4055 Jan 13 j 19:13	0°♐		
desc. node	-4055 Jan 24 j 11:14	6°♐45'44		
morning max el	-4055 Jan 25 j 03:27	7°♐24'57	27°42'34	
	-4055 Feb 11 j 11:50	0°♑		
morning set	-4055 Feb 27 j 20:01	29°♑20'28		
	-4055 Feb 28 j 03:50	0°♒		
max. Earth dist.	-4055 Mar 05 j 12:00	11°♒09'30	1.32984 AU	
superior conj	-4055 Mar 07 j 08:28	15°♒08'40	0°-36'-8	
minimum elong	-4055 Mar 07 j 10:05	15°♒17'21	0°35'57	
asc. node	-4055 Mar 10 j 21:21	22°♒48'15		
evening rise	-4055 Mar 14 j 10:34	0°♓23'55		
	-4055 Mar 14 j 06:02	0°♓		
	-4055 Mar 31 j 02:48	0°♈		
evening max el	-4055 Apr 07 j 14:54	8°♈47'02	23°53'59	
retrograde	-4055 Apr 21 j 08:33	15°♈38'51		
desc. node	-4055 Apr 22 j 10:02	15°♈36'18		
evening set	-4055 Apr 25 j 11:08	15°♈01'31		
min. Earth dist.	-4055 May 02 j 02:23	11°♈52'25	0.56309 AU	
inferior conj	-4055 May 04 j 10:04	10°♈27'12	-3°-1'-11	
minimum elong	-4055 May 04 j 04:09	10°♈36'19	2°59'42	
morning rise	-4055 May 13 j 00:56	6°♈25'58		
direct	-4055 May 15 j 12:34	6°♈09'59		
morning max el	-4055 May 25 j 11:20	10°♈47'02	19°52'13	
asc. node	-4055 Jun 06 j 21:03	28°♈35'02		
	-4055 Jun 07 j 15:16	0°♉		
morning set	-4055 Jun 12 j 06:35	9°♉05'18		
superior conj	-4055 Jun 20 j 06:07	25°♉13'15	1°42'19	
minimum elong	-4055 Jun 20 j 04:06	25°♉03'14	1°42'20	
	-4055 Jun 22 j 16:18	0°♊		
max. Earth dist.	-4055 Jun 25 j 17:59	5°♊53'50	1.37002 AU	
evening rise	-4055 Jun 29 j 17:12	13°♊14'13		
	-4055 Jul 09 j 12:26	0°♋		
desc. node	-4055 Jul 19 j 08:55	15°♋00'18		
	-4055 Jul 30 j 20:28	0°♌		
evening max el	-4055 Aug 04 j 13:38	5°♌04'18	25°37'12	
retrograde	-4055 Aug 16 j 17:42	12°♌05'16		
evening set	-4055 Aug 22 j 18:59	9°♌30'48		
min. Earth dist.	-4055 Aug 27 j 03:38	4°♌40'09	0.66739 AU	
inferior conj	-4055 Aug 28 j 06:33	3°♌13'32	-1°-49'-46	
minimum elong	-4055 Aug 28 j 09:04	3°♌05'27	1°48'39	
	-4055 Aug 30 j 21:43	30°℞♋		
morning rise	-4055 Sep 02 j 23:44	27°♋14'15		
asc. node	-4055 Sep 02 j 20:18	27°♋19'50		
direct	-4055 Sep 06 j 06:59	26°♋11'08		
	-4055 Sep 13 j 04:42	0°♌		
morning max el	-4055 Sep 13 j 11:58	0°♌18'19	19°25'24	
greatest brilliancy	-4055 Sep 23 j 01:48	12°♌48'10	-0.7m	
	-4055 Oct 04 j 07:23	0°♍		
morning set	-4055 Oct 07 j 07:11	4°♍39'45		
desc. node	-4055 Oct 15 j 08:35	17°♍16'01		
max. Earth dist.	-4055 Oct 20 j 23:32	26°♍07'39	1.44461 AU	
	-4055 Oct 23 j 10:04	0°♎		
superior conj	-4055 Oct 24 j 01:12	1°♎00'15	0°-53'-19	
minimum elong	-4055 Oct 23 j 19:04	0°♎35'47	0°52'35	
evening rise	-4055 Nov 07 j 14:33	24°♎42'45		
	-4055 Nov 10 j 18:49	0°♏		
evening max el	-4055 Nov 26 j 20:27	23°♏58'49	18°28'08	
asc. node	-4055 Nov 29 j 19:08	26°♏26'41		
retrograde	-4055 Dec 03 j 11:02	27°♏37'56		
evening set	-4055 Dec 06 j 08:32	26°♏51'51		
inferior conj	-4055 Dec 12 j 09:51	21°♏17'21	3°28'46	
minimum elong	-4055 Dec 12 j 06:49	21°♏26'05	3°28'01	
min. Earth dist.	-4055 Dec 14 j 11:26	18°♏54'14	0.64277 AU	
morning rise	-4055 Dec 18 j 03:47	15°♏13'38		
direct	-4055 Dec 25 j 01:00	12°♏23'48		
morning max el	-4054 Jan 07 j 12:24	20°♏05'34	27°22'18	
desc. node	-4054 Jan 11 j 08:18	24°♏11'23		
	-4054 Jan 16 j 02:16	0°♐		
	-4054 Feb 04 j 11:39	0°♑		
morning set	-4054 Feb 11 j 14:36	13°♑20'30		
max. Earth dist.	-4054 Feb 16 j 13:34	23°♑20'54	1.33751 AU	
superior conj	-4054 Feb 19 j 14:32	29°♑43'27	-1°00'-13	
minimum elong	-4054 Feb 19 j 17:05	29°♑56'56	0°59'57	
	-4054 Feb 19 j 17:39	0°♒		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4054 Feb 25 j 18:21	12°♒50'28	
evening rise	-4054 Feb 26 j 21:40	15°♒14'02	
	-4054 Mar 06 j 09:43	0°♓	
evening max el	-4054 Mar 20 j 08:35	19°♓30'54	22°19'50
retrograde	-4054 Apr 02 j 04:41	25°♓46'15	
evening set	-4054 Apr 05 j 03:49	25°♓26'53	
desc. node	-4054 Apr 09 j 07:10	24°♓02'10	
min. Earth dist.	-4054 Apr 13 j 16:27	21°♓44'27	0.55325 AU
inferior conj	-4054 Apr 14 j 11:39	21°♓17'12	-1°-24'-55
minimum elong	-4054 Apr 14 j 07:51	21°♓22'35	1°23'43
morning rise	-4054 Apr 23 j 13:46	17°♓19'55	
direct	-4054 Apr 26 j 05:12	17°♓04'00	
morning max el	-4054 May 07 j 20:40	22°♓31'54	21°10'03
	-4054 May 14 j 05:50	0°♈	
asc. node	-4054 May 24 j 18:03	18°♈05'02	
morning set	-4054 May 27 j 14:03	23°♈48'48	
	-4054 May 30 j 13:34	0°♉	
superior conj	-4054 Jun 04 j 02:49	9°♉28'38	1°29'24
minimum elong	-4054 Jun 04 j 00:10	9°♉15'00	1°29'13
max. Earth dist.	-4054 Jun 08 j 04:18	17°♉43'18	1.35397 AU
evening rise	-4054 Jun 12 j 14:54	26°♉21'00	
	-4054 Jun 14 j 13:46	0°♊	
	-4054 Jul 02 j 21:38	0°♋	
desc. node	-4054 Jul 06 j 05:58	4°♋39'32	
evening max el	-4054 Jul 18 j 00:39	18°♋33'37	26°37'15
retrograde	-4054 Jul 30 j 22:46	25°♋51'00	
evening set	-4054 Aug 06 j 13:29	23°♋05'42	
min. Earth dist.	-4054 Aug 10 j 14:02	18°♋53'46	0.65881 AU
inferior conj	-4054 Aug 12 j 05:33	16°♋54'36	-2°-38'-45
minimum elong	-4054 Aug 12 j 08:57	16°♋44'18	2°37'28
morning rise	-4054 Aug 18 j 05:27	11°♋07'42	
asc. node	-4054 Aug 20 j 17:26	10°♋19'24	
direct	-4054 Aug 21 j 04:35	10°♋18'11	
morning max el	-4054 Aug 27 j 22:03	14°♋02'36	18°38'35
	-4054 Sep 08 j 10:27	0°♌	
morning set	-4054 Sep 17 j 08:08	14°♌16'32	
	-4054 Sep 27 j 04:22	0°♍	
desc. node	-4054 Oct 02 j 05:31	7°♍58'42	
superior conj	-4054 Oct 03 j 01:19	9°♍16'44	0°-5'-14
minimum elong	-4054 Oct 03 j 00:38	9°♍14'01	0°05'05
behind sun begin	-4054 Oct 02 j 13:42	8°♍30'59	
behind sun end	-4054 Oct 03 j 11:33	9°♍57'03	
max. Earth dist.	-4054 Oct 03 j 17:03	10°♍18'44	1.44830 AU
	-4054 Oct 16 j 04:26	0°♎	
evening rise	-4054 Oct 19 j 06:08	4°♎52'41	
	-4054 Nov 04 j 09:45	0°♏	
evening max el	-4054 Nov 10 j 06:57	7°♏23'53	19°03'53
asc. node	-4054 Nov 16 j 16:17	11°♏20'14	
retrograde	-4054 Nov 17 j 05:43	11°♏22'00	
evening set	-4054 Nov 20 j 09:19	10°♏24'39	
inferior conj	-4054 Nov 26 j 03:55	4°♏34'16	2°52'08
minimum elong	-4054 Nov 26 j 00:47	4°♏44'04	2°51'07
min. Earth dist.	-4054 Nov 27 j 15:19	2°♏43'34	0.65567 AU
	-4054 Nov 29 j 23:31	30°℞♎	
morning rise	-4054 Dec 01 j 15:16	28°♎23'16	
direct	-4054 Dec 08 j 01:58	25°♎36'35	
	-4054 Dec 17 j 12:39	0°♏	
morning max el	-4054 Dec 20 j 22:10	3°♏06'41	26°32'04
desc. node	-4054 Dec 29 j 05:19	12°♏40'07	
	-4053 Jan 10 j 09:10	0°♐	
morning set	-4053 Jan 25 j 21:28	26°♐40'20	
	-4053 Jan 27 j 15:21	0°♑	
max. Earth dist.	-4053 Jan 30 j 03:57	4°♑55'58	1.34952 AU
superior conj	-4053 Feb 03 j 14:43	13°♑55'43	-1°-22'-7
minimum elong	-4053 Feb 03 j 17:49	14°♑11'39	1°21'53
evening rise	-4053 Feb 11 j 06:23	29°♑50'59	
	-4053 Feb 11 j 08:08	0°♒	
asc. node	-4053 Feb 12 j 15:24	2°♒40'06	
	-4053 Mar 01 j 18:47	0°♓	
evening max el	-4053 Mar 02 j 10:01	0°♓37'11	20°53'35
retrograde	-4053 Mar 13 j 18:26	6°♓01'47	
evening set	-4053 Mar 16 j 03:48	5°♓48'18	
inferior conj	-4053 Mar 25 j 06:59	1°♓50'31	0°31'19
minimum elong	-4053 Mar 25 j 08:24	1°♓48'28	0°30'45
min. Earth dist.	-4053 Mar 26 j 06:44	1°♓16'29	0.55242 AU
desc. node	-4053 Mar 27 j 04:18	0°♓45'58	
	-4053 Mar 28 j 13:59	30°℞♒	
morning rise	-4053 Apr 03 j 11:44	27°♒38'55	
direct	-4053 Apr 06 j 17:14	27°♒16'11	
	-4053 Apr 15 j 05:51	0°♓	
morning max el	-4053 Apr 19 j 19:39	3°♓37'04	22°43'00
	-4053 May 07 j 16:56	0°♈	
asc. node	-4053 May 11 j 15:03	7°♈54'16	
morning set	-4053 May 12 j 00:49	8°♈45'02	
superior conj	-4053 May 19 j 06:38	24°♈07'25	1°11'52
minimum elong	-4053 May 19 j 04:02	23°♈53'38	1°11'32
max. Earth dist.	-4053 May 22 j 00:37	29°♈54'06	1.34153 AU
	-4053 May 22 j 01:45	0°♉	
evening rise	-4053 May 27 j 02:47	10°♉12'30	
	-4053 Jun 06 j 23:25	0°♊	
desc. node	-4053 Jun 23 j 03:03	23°♊42'39	
	-4053 Jun 28 j 14:41	0°♋	
evening max el	-4053 Jun 30 j 11:59	1°♋53'44	27°15'16
retrograde	-4053 Jul 13 j 22:32	9°♋17'33	
evening set	-4053 Jul 20 j 22:50	6°♋31'27	
min. Earth dist.	-4053 Jul 24 j 16:40	2°♋56'47	0.64647 AU
inferior conj	-4053 Jul 26 j 21:51	0°♋29'38	-3°-22'-6
minimum elong	-4053 Jul 27 j 01:38	0°♋19'09	3°20'59
	-4053 Jul 27 j 08:34	30°℞♊	
morning rise	-4053 Aug 02 j 05:56	24°♊58'10	
direct	-4053 Aug 04 j 23:19	24°♊19'00	
asc. node	-4053 Aug 07 j 14:30	24°♊55'20	
morning max el	-4053 Aug 11 j 11:50	27°♊49'04	18°08'37
	-4053 Aug 13 j 10:53	0°♋	
morning set	-4053 Aug 29 j 12:38	25°♋13'08	
	-4053 Sep 01 j 09:04	0°♌	
superior conj	-4053 Sep 12 j 07:31	17°♌55'32	0°42'18
minimum elong	-4053 Sep 12 j 12:14	18°♌14'30	0°41'50
max. Earth dist.	-4053 Sep 16 j 10:30	24°♌30'33	1.44477 AU
desc. node	-4053 Sep 19 j 02:29	28°♌43'21	
	-4053 Sep 19 j 21:58	0°♍	
evening rise	-4053 Sep 28 j 22:16	14°♍03'20	
	-4053 Oct 09 j 07:19	0°♎	
greatest brilliancy	-4053 Oct 17 j 01:50	11°♎27'23	-0.6m
evening max el	-4053 Oct 24 j 13:14	20°♎50'26	19°55'35
retrograde	-4053 Nov 01 j 02:38	25°♎15'21	
asc. node	-4053 Nov 03 j 13:25	24°♎40'31	
evening set	-4053 Nov 04 j 14:33	24°♎04'03	
inferior conj	-4053 Nov 10 j 04:13	18°♎00'59	2°07'56
minimum elong	-4053 Nov 10 j 01:34	18°♎09'42	2°06'56
min. Earth dist.	-4053 Nov 11 j 02:47	16°♎46'19	0.66506 AU
morning rise	-4053 Nov 15 j 11:56	11°♎45'29	
direct	-4053 Nov 21 j 08:38	9°♎12'13	
morning max el	-4053 Dec 03 j 07:03	16°♎16'57	25°20'12
	-4053 Dec 14 j 17:05	0°♏	
desc. node	-4053 Dec 16 j 02:19	1°♏53'30	
	-4052 Jan 03 j 07:16	0°♐	
morning set	-4052 Jan 08 j 11:40	9°♐05'10	
max. Earth dist.	-4052 Jan 12 j 06:43	16°♐03'54	1.36595 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4052 Jan 18 j 06:12	27°♐36'52	-1°-40'-6
minimum elong	-4052 Jan 18 j 09:09	27°♐51'28	1°40'01
	-4052 Jan 19 j 10:57	0°♑	
evening rise	-4052 Jan 26 j 10:40	14°♑08'23	
asc. node	-4052 Jan 30 j 12:26	22°♑11'28	
	-4052 Feb 03 j 19:23	0°♒	
evening max el	-4052 Feb 12 j 21:55	12°♒18'01	19°42'52
retrograde	-4052 Feb 22 j 13:33	16°♒52'38	
evening set	-4052 Feb 24 j 21:11	16°♒38'01	
inferior conj	-4052 Mar 04 j 10:05	12°♒34'56	2°15'24
minimum elong	-4052 Mar 04 j 14:55	12°♒27'18	2°13'52
min. Earth dist.	-4052 Mar 06 j 21:14	11°♒02'08	0.56081 AU
morning rise	-4052 Mar 13 j 05:17	7°♒56'03	
desc. node	-4052 Mar 13 j 01:26	7°♒59'08	
direct	-4052 Mar 17 j 12:55	7°♒14'18	
morning max el	-4052 Mar 31 j 11:37	14°♒15'14	24°22'06
	-4052 Apr 12 j 18:49	0°♓	
morning set	-4052 Apr 25 j 12:58	23°♓46'57	
asc. node	-4052 Apr 27 j 12:00	27°♓56'17	
	-4052 Apr 28 j 11:04	0°♈	
superior conj	-4052 May 02 j 14:58	9°♈00'16	0°51'00
minimum elong	-4052 May 02 j 12:54	8°♈49'07	0°50'38
max. Earth dist.	-4052 May 04 j 05:56	12°♈30'06	1.33281 AU
evening rise	-4052 May 10 j 00:35	24°♈34'37	
	-4052 May 12 j 18:07	0°♉	
	-4052 May 30 j 13:39	0°♊	
desc. node	-4052 Jun 09 j 00:09	11°♊53'12	
evening max el	-4052 Jun 11 j 21:46	14°♊51'17	27°24'46
retrograde	-4052 Jun 25 j 16:08	22°♊14'56	
evening set	-4052 Jul 02 j 19:33	19°♊41'04	
min. Earth dist.	-4052 Jul 06 j 09:47	16°♊37'38	0.63042 AU
inferior conj	-4052 Jul 09 j 04:39	13°♊51'35	-3°-56'-25
minimum elong	-4052 Jul 09 j 07:54	13°♊43'30	3°55'45
morning rise	-4052 Jul 15 j 22:22	8°♊38'43	
direct	-4052 Jul 18 j 12:15	8°♊07'13	
asc. node	-4052 Jul 24 j 11:32	10°♊55'30	
morning max el	-4052 Jul 25 j 02:40	11°♊31'20	17°56'32
	-4052 Aug 06 j 13:22	0°♋	
morning set	-4052 Aug 10 j 17:01	7°♋18'01	
superior conj	-4052 Aug 22 j 13:14	27°♋44'45	1°18'37
minimum elong	-4052 Aug 22 j 18:53	28°♋08'22	1°18'13
	-4052 Aug 23 j 21:40	0°♌	
max. Earth dist.	-4052 Aug 29 j 01:16	8°♌26'17	1.43447 AU
desc. node	-4052 Sep 04 j 23:27	19°♌26'34	
evening rise	-4052 Sep 07 j 02:25	22°♌45'04	
	-4052 Sep 11 j 19:34	0°♍	
greatest brilliancy	-4052 Oct 01 j 00:47	27°♍45'58	-0.5m
	-4052 Oct 02 j 19:17	0°♎	
evening max el	-4052 Oct 06 j 13:46	4°♎16'50	21°00'53
retrograde	-4052 Oct 14 j 23:35	9°♎15'20	
evening set	-4052 Oct 18 j 22:07	7°♎47'21	
asc. node	-4052 Oct 20 j 10:30	6°♎26'42	
inferior conj	-4052 Oct 24 j 08:28	1°♎34'54	1°18'46
minimum elong	-4052 Oct 24 j 06:43	1°♎40'53	1°18'04
min. Earth dist.	-4052 Oct 24 j 19:36	0°♎56'51	0.67107 AU
	-4052 Oct 25 j 12:22	30°℞♍	
morning rise	-4052 Oct 29 j 14:55	25°♍17'36	
direct	-4052 Nov 03 j 20:16	23°♍03'57	
morning max el	-4052 Nov 14 j 15:46	29°♍31'05	23°56'29
	-4052 Nov 15 j 03:06	0°♎	
desc. node	-4052 Dec 01 j 23:18	21°♎38'42	
	-4052 Dec 07 j 13:48	0°♏	
morning set	-4052 Dec 20 j 03:10	20°♏18'58	
max. Earth dist.	-4052 Dec 24 j 03:06	27°♏17'09	1.38571 AU
	-4052 Dec 25 j 15:31	0°♐	

superior conj	-4052 Dec 31 j 09:15	10°♐36'46	-1°-51'-48
minimum elong	-4052 Dec 31 j 10:57	10°♐44'47	1°51'55
evening rise	-4051 Jan 09 j 08:11	28°♐00'02	
	-4051 Jan 10 j 08:46	0°♑	
asc. node	-4051 Jan 16 j 09:29	11°♑18'06	
evening max el	-4051 Jan 25 j 19:44	24°♑33'25	18°51'12
retrograde	-4051 Feb 03 j 01:00	28°♑30'58	
evening set	-4051 Feb 05 j 10:59	28°♑11'50	
inferior conj	-4051 Feb 13 j 07:01	23°♑51'39	3°25'09
minimum elong	-4051 Feb 13 j 11:15	23°♑43'54	3°24'12
min. Earth dist.	-4051 Feb 16 j 12:58	21°♑30'48	0.57632 AU
morning rise	-4051 Feb 21 j 07:49	18°♑43'52	
direct	-4051 Feb 26 j 21:01	17°♑29'34	
desc. node	-4051 Feb 27 j 22:32	17°♑32'19	
morning max el	-4051 Mar 13 j 02:52	24°♑53'38	25°53'33
	-4051 Mar 17 j 19:59	0°♒	
	-4051 Apr 05 j 16:46	0°♓	
morning set	-4051 Apr 10 j 00:51	8°♓48'42	
asc. node	-4051 Apr 14 j 08:59	18°♓06'27	
superior conj	-4051 Apr 17 j 01:53	24°♓00'33	0°27'52
minimum elong	-4051 Apr 17 j 00:41	23°♓53'59	0°27'35
max. Earth dist.	-4051 Apr 17 j 17:17	25°♓24'39	1.32759 AU
	-4051 Apr 19 j 19:59	0°♈	
evening rise	-4051 Apr 24 j 05:10	9°♈16'59	
	-4051 May 05 j 03:10	0°♉	
evening max el	-4051 May 25 j 03:22	27°♉13'41	27°01'44
desc. node	-4051 May 26 j 21:14	28°♉49'08	
	-4051 May 28 j 07:28	0°♊	
retrograde	-4051 Jun 08 j 02:37	4°♊34'47	
evening set	-4051 Jun 14 j 23:35	2°♊26'47	
	-4051 Jun 18 j 08:26	30°℞♉	
min. Earth dist.	-4051 Jun 18 j 16:51	29°♉42'33	0.61135 AU
inferior conj	-4051 Jun 21 j 22:39	26°♉52'41	-4°-16'-24
minimum elong	-4051 Jun 22 j 00:03	26°♉49'36	4°16'11
morning rise	-4051 Jun 29 j 03:27	22°♉01'07	
direct	-4051 Jul 01 j 15:36	21°♉35'26	
morning max el	-4051 Jul 08 j 15:52	25°♉03'13	18°03'14
asc. node	-4051 Jul 11 j 08:34	28°♉04'37	
	-4051 Jul 12 j 19:07	0°♊	
morning set	-4051 Jul 24 j 15:43	20°♊15'57	
	-4051 Jul 29 j 22:51	0°♋	
superior conj	-4051 Aug 03 j 22:31	8°♋56'02	1°40'19
minimum elong	-4051 Aug 04 j 01:59	9°♋11'16	1°40'16
max. Earth dist.	-4051 Aug 11 j 10:56	21°♋48'56	1.41878 AU
	-4051 Aug 16 j 10:55	0°♌	
evening rise	-4051 Aug 17 j 14:17	1°♌49'41	
desc. node	-4051 Aug 22 j 20:25	10°♌04'46	
	-4051 Sep 05 j 07:23	0°♍	
greatest brilliancy	-4051 Sep 14 j 14:30	12°♍22'02	-0.3m
evening max el	-4051 Sep 19 j 08:02	17°♍42'03	22°16'19
retrograde	-4051 Sep 28 j 18:55	23°♍18'58	
evening set	-4051 Oct 03 j 06:07	21°♍32'06	
asc. node	-4051 Oct 07 j 07:36	17°♍00'06	
inferior conj	-4051 Oct 08 j 14:43	15°♍13'39	0°26'35
minimum elong	-4051 Oct 08 j 14:06	15°♍15'47	0°26'23
min. Earth dist.	-4051 Oct 08 j 15:19	15°♍11'32	0.67396 AU
morning rise	-4051 Oct 13 j 21:56	8°♍57'22	
direct	-4051 Oct 18 j 12:10	7°♍05'27	
morning max el	-4051 Oct 28 j 03:05	12°♍49'06	22°30'15
greatest brilliancy	-4051 Nov 01 j 19:54	18°♍06'55	-0.3m
	-4051 Nov 10 j 18:37	0°♎	
desc. node	-4051 Nov 18 j 20:15	11°♎46'01	
morning set	-4051 Nov 30 j 14:41	0°♏09'29	
	-4051 Nov 30 j 12:21	0°♏	
max. Earth dist.	-4051 Dec 06 j 00:42	9°♏08'51	1.40642 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4051 Dec 13 j 18:57	22°♏41'49	-1°-54'-8
minimum elong	-4051 Dec 13 j 17:58	22°♏37'22	1°54'17
	-4051 Dec 17 j 19:01	0°♐	
evening rise	-4051 Dec 23 j 19:56	11°♐18'12	
asc. node	-4050 Jan 03 j 06:32	29°♐51'17	
	-4050 Jan 03 j 08:48	0°♑	
evening max el	-4050 Jan 09 j 01:14	7°♑16'25	18°19'36
retrograde	-4050 Jan 16 j 07:03	10°♑52'23	
evening set	-4050 Jan 18 j 19:37	10°♑27'15	
inferior conj	-4050 Jan 26 j 00:23	5°♑45'42	3°58'06
minimum elong	-4050 Jan 26 j 01:57	5°♑42'23	3°57'50
min. Earth dist.	-4050 Jan 29 j 08:48	2°♑56'24	0.59569 AU
morning rise	-4050 Feb 02 j 05:06	0°♑14'55	
	-4050 Feb 02 j 15:54	30°℞♐	
direct	-4050 Feb 08 j 17:15	28°♐21'43	
desc. node	-4050 Feb 14 j 19:37	29°♐54'31	
	-4050 Feb 15 j 00:03	0°♑	
morning max el	-4050 Feb 22 j 22:45	5°♑58'19	27°02'28
	-4050 Mar 12 j 20:11	0°♒	
morning set	-4050 Mar 25 j 10:44	23°♒43'18	
	-4050 Mar 28 j 09:58	0°♓	
asc. node	-4050 Apr 01 j 05:59	8°♓19'48	
superior conj	-4050 Apr 01 j 13:37	9°♓01'37	0°03'20
minimum elong	-4050 Apr 01 j 13:28	9°♓00'48	0°03'14
behind sun begin	-4050 Apr 01 j 08:34	8°♓33'55	
behind sun end	-4050 Apr 01 j 18:23	9°♓27'42	
max. Earth dist.	-4050 Apr 01 j 06:46	8°♓24'05	1.32566 AU
evening rise	-4050 Apr 08 j 14:01	24°♓10'29	
	-4050 Apr 11 j 10:06	0°♈	
	-4050 Apr 29 j 08:09	0°♉	
evening max el	-4050 May 07 j 02:42	8°♉53'31	26°06'55
desc. node	-4050 May 13 j 18:19	14°♉00'17	
retrograde	-4050 May 21 j 04:47	16°♉10'38	
evening set	-4050 May 27 j 07:10	14°♉39'00	
min. Earth dist.	-4050 May 31 j 15:23	11°♉57'02	0.59087 AU
inferior conj	-4050 Jun 04 j 00:14	9°♉23'53	-4°-14'-6
minimum elong	-4050 Jun 03 j 22:27	9°♉27'17	4°13'53
morning rise	-4050 Jun 11 j 17:33	4°♉54'44	
direct	-4050 Jun 14 j 04:56	4°♉33'46	
morning max el	-4050 Jun 22 j 00:40	8°♉17'12	18°29'35
asc. node	-4050 Jun 28 j 05:37	16°♉08'10	
	-4050 Jul 06 j 02:44	0°♊	
morning set	-4050 Jul 08 j 03:57	3°♊55'05	
superior conj	-4050 Jul 17 j 07:20	21°♊18'49	1°48'49
minimum elong	-4050 Jul 17 j 08:06	21°♊22'19	1°48'58
	-4050 Jul 22 j 02:02	0°♋	
max. Earth dist.	-4050 Jul 24 j 14:44	4°♋27'01	1.39990 AU
evening rise	-4050 Jul 29 j 01:02	12°♋00'05	
	-4050 Aug 09 j 08:21	0°♌	
desc. node	-4050 Aug 09 j 17:24	0°♌34'16	
	-4050 Aug 31 j 18:49	0°♍	
evening max el	-4050 Sep 01 j 21:20	1°♍08'10	23°36'50
retrograde	-4050 Sep 12 j 11:22	7°♍23'35	
evening set	-4050 Sep 17 j 12:51	5°♍17'00	
	-4050 Sep 22 j 02:33	30°℞♌	
inferior conj	-4050 Sep 22 j 21:15	28°♌56'07	0°-26'-51
minimum elong	-4050 Sep 22 j 21:53	28°♌53'59	0°26'30
min. Earth dist.	-4050 Sep 22 j 11:39	29°♌28'58	0.67384 AU
asc. node	-4050 Sep 24 j 04:43	27°♌09'49	
morning rise	-4050 Sep 28 j 07:02	22°♌43'46	
direct	-4050 Oct 02 j 07:34	21°♌12'51	
morning max el	-4050 Oct 10 j 19:58	26°♌14'05	21°09'19
	-4050 Oct 14 j 04:47	0°♍	
greatest brilliancy	-4050 Oct 16 j 08:15	2°♍40'09	-0.5m
	-4050 Nov 04 j 07:30	0°♎	
desc. node	-4050 Nov 05 j 17:13	2°♎09'13	
morning set	-4050 Nov 09 j 23:46	8°♎47'10	
max. Earth dist.	-4050 Nov 18 j 04:21	21°♎52'47	1.42514 AU
	-4050 Nov 23 j 01:59	0°♏	
superior conj	-4050 Nov 25 j 05:41	3°♏38'46	-1°-43'-22
minimum elong	-4050 Nov 25 j 01:00	3°♏18'50	1°43'10
evening rise	-4050 Dec 06 j 18:18	23°♏55'23	
	-4050 Dec 10 j 03:32	0°♐	
asc. node	-4050 Dec 21 j 03:37	17°♐41'04	
evening max el	-4050 Dec 23 j 11:44	20°♐20'00	18°07'56
retrograde	-4050 Dec 30 j 04:40	23°♐48'08	
evening set	-4049 Jan 01 j 19:56	23°♐15'58	
inferior conj	-4049 Jan 08 j 12:07	18°♐12'42	4°01'51
minimum elong	-4049 Jan 08 j 11:07	18°♐15'09	4°01'38
min. Earth dist.	-4049 Jan 11 j 12:05	15°♐18'35	0.61569 AU
morning rise	-4049 Jan 14 j 23:55	12°♐25'52	
direct	-4049 Jan 21 j 23:52	9°♐59'17	
desc. node	-4049 Feb 01 j 16:43	14°♐42'42	
morning max el	-4049 Feb 05 j 00:55	17°♐42'27	27°38'19
	-4049 Feb 15 j 08:35	0°♑	
	-4049 Mar 05 j 11:22	0°♒	
morning set	-4049 Mar 09 j 16:40	8°♒23'36	
max. Earth dist.	-4049 Mar 15 j 18:32	21°♒14'36	1.32720 AU
superior conj	-4049 Mar 17 j 00:33	23°♒57'34	0°-21'-47
minimum elong	-4049 Mar 17 j 01:32	24°♒02'54	0°21'42
asc. node	-4049 Mar 19 j 02:59	28°♒32'18	
	-4049 Mar 19 j 19:06	0°♓	
evening rise	-4049 Mar 24 j 01:10	9°♓07'54	
	-4049 Apr 03 j 22:41	0°♈	
evening max el	-4049 Apr 18 j 20:24	19°♈55'29	24°46'51
desc. node	-4049 Apr 30 j 15:26	26°♈49'43	
retrograde	-4049 May 02 j 20:29	27°♈01'04	
evening set	-4049 May 07 j 17:21	26°♈06'58	
min. Earth dist.	-4049 May 13 j 08:34	23°♈10'59	0.57185 AU
inferior conj	-4049 May 16 j 06:18	21°♈16'13	-3°-39'-19
minimum elong	-4049 May 16 j 01:13	21°♈24'39	3°38'20
morning rise	-4049 May 24 j 13:16	17°♈06'45	
direct	-4049 May 27 j 00:18	16°♈49'30	
morning max el	-4049 Jun 05 j 02:06	21°♈03'12	19°16'15
	-4049 Jun 12 j 04:08	0°♉	
asc. node	-4049 Jun 15 j 02:39	4°♉53'02	
morning set	-4049 Jun 22 j 01:54	18°♉05'17	
	-4049 Jun 28 j 01:31	0°♊	
superior conj	-4049 Jun 30 j 09:50	4°♊36'04	1°46'59
minimum elong	-4049 Jun 30 j 08:34	4°♊29'54	1°47'06
max. Earth dist.	-4049 Jul 06 j 16:12	16°♊26'38	1.38047 AU
evening rise	-4049 Jul 10 j 14:00	23°♊27'32	
	-4049 Jul 14 j 09:08	0°♋	
desc. node	-4049 Jul 27 j 14:23	20°♋49'42	
	-4049 Aug 03 j 02:33	0°♌	
evening max el	-4049 Aug 15 j 08:17	14°♌37'22	24°55'44
retrograde	-4049 Aug 26 j 23:55	21°♌24'50	
evening set	-4049 Sep 01 j 16:27	18°♌59'43	
min. Earth dist.	-4049 Sep 06 j 06:05	13°♌47'09	0.67068 AU
inferior conj	-4049 Sep 07 j 02:21	12°♌40'02	-1°-19'-59
minimum elong	-4049 Sep 07 j 04:12	12°♌33'52	1°19'06
asc. node	-4049 Sep 11 j 01:51	7°♌54'34	
morning rise	-4049 Sep 12 j 16:21	6°♌34'48	
direct	-4049 Sep 16 j 05:15	5°♌22'23	
morning max el	-4049 Sep 23 j 19:57	9°♌47'09	19°59'14
greatest brilliancy	-4049 Oct 01 j 07:50	19°♌05'33	-0.6m
	-4049 Oct 08 j 19:20	0°♍	
morning set	-4049 Oct 19 j 21:56	16°♍59'46	
desc. node	-4049 Oct 23 j 14:10	22°♍42'49	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4049 Oct	28 j 05:33	0°♎				-4048 Sep	11 j 10:48	0°♌	
max. Earth dist.	-4049 Oct	31 j 15:04	5°♎23'24	1.43929 AU		morning set	-4048 Sep	28 j 08:42	25°♌54'37	
							-4048 Sep	30 j 22:58	0°♍	
superior conj	-4049 Nov	05 j 13:05	13°♎18'25	-1°-16'-17		desc. node	-4048 Oct	09 j 11:04	13°♍23'08	
minimum elong	-4049 Nov	05 j 06:07	12°♎50'06	1°15'37		max. Earth dist.	-4048 Oct	13 j 07:18	19°♍26'27	1.44714 AU
	-4049 Nov	15 j 14:26	0°♏							
evening rise	-4049 Nov	18 j 22:46	5°♏42'01			superior conj	-4048 Oct	14 j 20:19	21°♍52'39	0°-33'-42
	-4049 Dec	03 j 22:52	0°♐			minimum elong	-4048 Oct	14 j 16:02	21°♍35'44	0°33'08
evening max el	-4049 Dec	07 j 00:25	3°♐36'54	18°15'33			-4048 Oct	19 j 23:11	0°♎	
asc. node	-4049 Dec	08 j 00:42	4°♐34'43			evening rise	-4048 Oct	30 j 04:42	16°♎29'08	
retrograde	-4049 Dec	13 j 13:29	7°♐08'50				-4048 Nov	07 j 12:03	0°♏	
evening set	-4049 Dec	16 j 08:21	6°♐28'18			evening max el	-4048 Nov	19 j 12:29	17°♏00'37	18°41'21
inferior conj	-4049 Dec	22 j 14:28	1°♐04'44	3°45'05		asc. node	-4048 Nov	23 j 21:50	20°♏16'50	
minimum elong	-4049 Dec	22 j 11:53	1°♐11'47	3°44'32		retrograde	-4048 Nov	26 j 05:32	20°♏46'22	
	-4049 Dec	23 j 14:03	30°℞♏			evening set	-4048 Nov	29 j 05:29	19°♏55'39	
min. Earth dist.	-4049 Dec	25 j 00:42	28°♏26'12	0.63380 AU		inferior conj	-4048 Dec	05 j 03:43	14°♏14'06	3°14'20
morning rise	-4049 Dec	28 j 13:45	25°♏06'30			minimum elong	-4048 Dec	05 j 00:33	14°♏23'34	3°13'26
direct	-4048 Jan	04 j 14:37	22°♏20'30			min. Earth dist.	-4048 Dec	06 j 23:07	12°♏04'13	0.64875 AU
	-4048 Jan	18 j 06:03	0°♐			morning rise	-4048 Dec	10 j 18:29	8°♏07'17	
morning max el	-4048 Jan	18 j 07:56	0°♐04'39	27°37'57		direct	-4048 Dec	17 j 11:58	5°♏17'16	
desc. node	-4048 Jan	19 j 13:49	1°♐20'28			morning max el	-4048 Dec	30 j 17:18	12°♏54'45	27°04'08
	-4048 Feb	09 j 07:26	0°♑			desc. node	-4047 Jan	05 j 10:52	19°♏15'38	
morning set	-4048 Feb	21 j 16:16	22°♑41'36				-4047 Jan	13 j 13:31	0°♐	
	-4048 Feb	25 j 06:13	0°♒				-4047 Jan	31 j 20:44	0°♑	
max. Earth dist.	-4048 Feb	27 j 00:49	3°♒43'25	1.33253 AU		morning set	-4047 Feb	04 j 06:19	6°♑25'54	
						max. Earth dist.	-4047 Feb	08 j 21:52	15°♑39'28	1.34209 AU
superior conj	-4048 Feb	29 j 09:00	8°♒42'42	0°-46'-32						
minimum elong	-4048 Feb	29 j 11:02	8°♒53'37	0°46'18		superior conj	-4047 Feb	12 j 12:50	23°♑09'02	-1°-9'-53
asc. node	-4048 Mar	05 j 00:00	18°♒39'59			minimum elong	-4047 Feb	12 j 15:41	23°♑23'55	1°09'36
evening rise	-4048 Mar	07 j 12:49	24°♒03'05				-4047 Feb	15 j 18:45	0°♒	
	-4048 Mar	10 j 10:04	0°♓			evening rise	-4047 Feb	19 j 23:07	8°♒48'36	
	-4048 Mar	29 j 20:23	0°♈			asc. node	-4047 Feb	19 j 21:01	8°♒37'40	
evening max el	-4048 Mar	30 j 12:35	0°♈39'34	23°13'48			-4047 Mar	03 j 07:30	0°♓	
retrograde	-4048 Apr	12 j 23:13	7°♈17'47			evening max el	-4047 Mar	12 j 09:03	11°♓30'41	21°41'37
evening set	-4048 Apr	16 j 12:34	6°♈50'07			retrograde	-4047 Mar	24 j 14:53	17°♓24'47	
desc. node	-4048 Apr	16 j 12:35	6°♈50'06			evening set	-4047 Mar	27 j 06:38	17°♓08'57	
min. Earth dist.	-4048 Apr	23 j 23:23	3°♈28'29	0.55786 AU		desc. node	-4047 Apr	03 j 09:46	14°♓19'20	
inferior conj	-4048 Apr	25 j 16:54	2°♈27'28	-2°-24'-35		inferior conj	-4047 Apr	05 j 14:07	13°♓06'46	0°-36'-14
minimum elong	-4048 Apr	25 j 11:18	2°♈35'44	2°22'58		minimum elong	-4047 Apr	05 j 12:25	13°♓09'08	0°35'43
	-4048 Apr	30 j 04:42	30°℞♓			min. Earth dist.	-4047 Apr	05 j 13:16	13°♓07'57	0.55179 AU
morning rise	-4048 May	04 j 13:05	28°♓29'27			morning rise	-4047 Apr	14 j 18:45	9°♓05'45	
direct	-4048 May	07 j 01:31	28°♓13'59			direct	-4047 Apr	17 j 14:56	8°♓47'55	
	-4048 May	13 j 10:36	0°♈			morning max el	-4047 Apr	29 j 22:11	14°♓38'35	21°48'08
morning max el	-4048 May	17 j 17:39	3°♈12'10	20°23'06			-4047 May	11 j 11:57	0°♈	
asc. node	-4048 May	31 j 23:41	24°♈09'18			asc. node	-4047 May	18 j 20:40	13°♈48'11	
	-4048 Jun	03 j 23:09	0°♉			morning set	-4047 May	20 j 15:43	17°♈28'35	
morning set	-4048 Jun	05 j 06:37	2°♉39'00				-4047 May	26 j 14:48	0°♉	
superior conj	-4048 Jun	13 j 01:03	18°♉33'43	1°37'30		superior conj	-4047 May	28 j 01:04	2°♉59'40	1°22'26
minimum elong	-4048 Jun	12 j 22:40	18°♉21'41	1°37'26		minimum elong	-4047 May	27 j 22:23	2°♉45'35	1°22'11
max. Earth dist.	-4048 Jun	17 j 22:01	28°♉13'14	1.36281 AU		max. Earth dist.	-4047 May	31 j 12:45	10°♉11'09	1.34826 AU
	-4048 Jun	18 j 20:12	0°♊			evening rise	-4047 Jun	05 j 05:39	19°♉30'00	
evening rise	-4048 Jun	22 j 01:23	6°♊02'51				-4047 Jun	10 j 21:30	0°♊	
	-4048 Jul	06 j 04:41	0°♋			desc. node	-4047 Jun	30 j 08:29	0°♋09'58	
desc. node	-4048 Jul	13 j 11:24	10°♋44'39				-4047 Jun	30 j 05:26	0°♋	
evening max el	-4048 Jul	27 j 19:13	28°♋09'10	26°05'00		evening max el	-4047 Jul	10 j 06:39	11°♋36'21	26°56'34
	-4048 Jul	29 j 18:54	0°♌			retrograde	-4047 Jul	23 j 10:23	18°♋56'37	
retrograde	-4048 Aug	09 j 07:44	5°♌18'03			evening set	-4047 Jul	30 j 05:53	16°♋09'42	
evening set	-4048 Aug	15 j 14:56	2°♌38'22			min. Earth dist.	-4047 Aug	03 j 03:26	12°♋14'05	0.65406 AU
	-4048 Aug	18 j 05:30	30°℞♋			inferior conj	-4047 Aug	05 j 00:36	10°♋02'29	-2°-57'-59
min. Earth dist.	-4048 Aug	19 j 20:10	28°♋03'50	0.66422 AU		minimum elong	-4047 Aug	05 j 04:15	9°♋51'50	2°56'44
inferior conj	-4048 Aug	21 j 04:10	26°♋23'21	-2°-11'-2		morning rise	-4047 Aug	11 j 03:48	4°♋21'45	
minimum elong	-4048 Aug	21 j 07:06	26°♋14'07	2°09'50		direct	-4047 Aug	14 j 00:19	3°♋36'51	
morning rise	-4048 Aug	27 j 00:00	20°♋28'39			asc. node	-4047 Aug	14 j 20:05	3°♋40'34	
asc. node	-4048 Aug	27 j 22:59	19°♋59'12			morning max el	-4047 Aug	20 j 14:41	7°♋13'46	18°23'45
direct	-4048 Aug	30 j 03:33	19°♋31'35				-4047 Sep	05 j 04:04	0°♌	
morning max el	-4048 Sep	06 j 02:45	23°♋28'00	19°03'23		morning set	-4047 Sep	08 j 21:34	6°♌06'45	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4047 Sep 23 j 20:10	0°♍10'49	0°15'47
minimum elong	-4047 Sep 23 j 22:12	0°♍18'50	0°15'37
behind sun begin	-4047 Sep 23 j 18:57	0°♍05'59	
behind sun end	-4047 Sep 24 j 01:26	0°♍31'40	
	-4047 Sep 23 j 17:26	0°♍	
max. Earth dist.	-4047 Sep 26 j 01:51	3°♍42'57	1.44771 AU
desc. node	-4047 Sep 26 j 08:00	4°♍07'13	
evening rise	-4047 Oct 10 j 09:48	26°♍13'17	
	-4047 Oct 12 j 19:39	0°♎	
greatest brilliancy	-4047 Oct 24 j 09:38	17°♎54'38	-0.7m
	-4047 Nov 02 j 11:07	0°♏	
evening max el	-4047 Nov 02 j 21:27	0°♏27'12	19°24'00
retrograde	-4047 Nov 10 j 01:31	4°♏35'38	
asc. node	-4047 Nov 10 j 18:57	4°♏32'36	
evening set	-4047 Nov 13 j 08:29	3°♏32'29	
	-4047 Nov 17 j 02:38	30°℞♎	
inferior conj	-4047 Nov 19 j 00:44	27°♎36'06	2°34'07
minimum elong	-4047 Nov 18 j 21:45	27°♎45'40	2°33'05
min. Earth dist.	-4047 Nov 20 j 06:24	26°♎00'51	0.66010 AU
morning rise	-4047 Nov 24 j 10:15	21°♎23'00	
direct	-4047 Nov 30 j 15:12	18°♎41'20	
morning max el	-4047 Dec 13 j 02:53	26°♎01'41	26°03'39
	-4047 Dec 16 j 19:29	0°♏	
desc. node	-4047 Dec 23 j 07:51	8°♏05'30	
	-4046 Jan 07 j 02:39	0°♐	
morning set	-4046 Jan 18 j 06:44	19°♐24'17	
max. Earth dist.	-4046 Jan 22 j 07:29	27°♐02'39	1.35609 AU
	-4046 Jan 23 j 19:49	0°♑	
superior conj	-4046 Jan 27 j 09:41	7°♑09'12	-1°-30'-21
minimum elong	-4046 Jan 27 j 12:49	7°♑25'08	1°30'10
evening rise	-4046 Feb 04 j 06:12	23°♑18'22	
asc. node	-4046 Feb 06 j 18:02	28°♑20'27	
	-4046 Feb 07 j 14:11	0°♒	
evening max el	-4046 Feb 22 j 14:39	22°♒50'12	20°21'10
retrograde	-4046 Mar 05 j 05:30	27°♒52'57	
evening set	-4046 Mar 07 j 13:14	27°♒39'30	
inferior conj	-4046 Mar 16 j 11:00	23°♒40'51	1°18'49
minimum elong	-4046 Mar 16 j 14:21	23°♒35'54	1°17'35
min. Earth dist.	-4046 Mar 18 j 03:15	22°♒41'26	0.55499 AU
desc. node	-4046 Mar 21 j 06:54	20°♒57'51	
morning rise	-4046 Mar 25 j 13:14	19°♒18'57	
direct	-4046 Mar 29 j 04:35	18°♒50'04	
morning max el	-4046 Apr 11 j 17:33	25°♒29'24	23°25'13
	-4046 Apr 15 j 22:21	0°♓	
	-4046 May 03 j 22:46	0°♈	
morning set	-4046 May 05 j 03:14	2°♈27'48	
asc. node	-4046 May 05 j 17:38	3°♈43'23	
superior conj	-4046 May 12 j 07:02	17°♈45'00	1°03'21
minimum elong	-4046 May 12 j 04:37	17°♈32'03	1°02'59
max. Earth dist.	-4046 May 14 j 13:12	22°♈32'51	1.33737 AU
	-4046 May 18 j 03:23	0°♉	
evening rise	-4046 May 19 j 22:08	3°♉35'16	
	-4046 Jun 03 j 16:17	0°♊	
desc. node	-4046 Jun 17 j 05:34	18°♊52'43	
evening max el	-4046 Jun 22 j 17:24	24°♊47'25	27°23'04
	-4046 Jun 29 j 08:03	0°♋	
retrograde	-4046 Jul 06 j 07:30	2°♋11'47	
	-4046 Jul 12 j 17:08	30°℞♊	
evening set	-4046 Jul 13 j 10:17	29°♊28'51	
min. Earth dist.	-4046 Jul 17 j 01:56	26°♊08'56	0.64006 AU
inferior conj	-4046 Jul 19 j 13:10	23°♊32'08	-3°-38'-5
minimum elong	-4046 Jul 19 j 16:52	23°♊22'20	3°37'07
morning rise	-4046 Jul 26 j 01:13	18°♊08'33	
direct	-4046 Jul 28 j 16:53	17°♊32'56	
asc. node	-4046 Aug 01 j 17:07	18°♊53'48	
morning max el	-4046 Aug 04 j 05:16	20°♊59'09	18°01'21
	-4046 Aug 11 j 01:12	0°♋	
morning set	-4046 Aug 21 j 12:48	17°♋33'51	
	-4046 Aug 28 j 20:31	0°♌	
superior conj	-4046 Sep 03 j 11:01	9°♌15'53	0°59'27
minimum elong	-4046 Sep 03 j 16:41	9°♌39'01	0°58'56
max. Earth dist.	-4046 Sep 08 j 18:41	17°♌50'48	1.44108 AU
desc. node	-4046 Sep 13 j 04:56	24°♌51'32	
	-4046 Sep 16 j 11:48	0°♍	
evening rise	-4046 Sep 19 j 18:44	5°♍06'05	
	-4046 Oct 06 j 07:07	0°♎	
greatest brilliancy	-4046 Oct 10 j 12:46	5°♎56'39	-0.6m
evening max el	-4046 Oct 17 j 01:18	13°♎53'26	20°21'47
retrograde	-4046 Oct 24 j 22:50	18°♎32'19	
evening set	-4046 Oct 28 j 14:57	17°♎14'13	
asc. node	-4046 Oct 28 j 16:04	17°♎12'14	
inferior conj	-4046 Nov 03 j 02:59	11°♎06'27	1°47'33
minimum elong	-4046 Nov 03 j 00:41	11°♎14'11	1°46'40
min. Earth dist.	-4046 Nov 03 j 20:29	10°♎07'33	0.66797 AU
morning rise	-4046 Nov 08 j 09:53	4°♎49'41	
direct	-4046 Nov 13 j 23:58	2°♎24'29	
morning max el	-4046 Nov 25 j 11:42	9°♎14'57	24°45'29
desc. node	-4046 Dec 10 j 04:49	27°♎33'41	
	-4046 Dec 11 j 21:48	0°♏	
	-4046 Dec 30 j 17:36	0°♐	
morning set	-4046 Dec 31 j 12:04	1°♐21'08	
max. Earth dist.	-4045 Jan 04 j 06:45	8°♐08'41	1.37408 AU
superior conj	-4045 Jan 10 j 20:21	20°♐33'54	-1°-45'-59
minimum elong	-4045 Jan 10 j 22:55	20°♐46'26	1°46'00
	-4045 Jan 15 j 14:52	0°♑	
evening rise	-4045 Jan 19 j 07:56	7°♑25'40	
asc. node	-4045 Jan 24 j 15:04	17°♑42'21	
	-4045 Feb 01 j 03:52	0°♒	
evening max el	-4045 Feb 05 j 06:52	4°♒46'02	19°18'24
retrograde	-4045 Feb 14 j 07:02	9°♒03'23	
evening set	-4045 Feb 16 j 15:13	8°♒47'17	
inferior conj	-4045 Feb 24 j 20:56	4°♒37'51	2°49'43
minimum elong	-4045 Feb 25 j 01:57	4°♒29'27	2°48'20
min. Earth dist.	-4045 Feb 27 j 18:15	2°♒42'33	0.56667 AU
	-4045 Mar 04 j 18:10	30°℞♑	
morning rise	-4045 Mar 05 j 08:55	29°♑45'48	
desc. node	-4045 Mar 08 j 04:00	29°♑01'32	
direct	-4045 Mar 10 j 05:06	28°♑51'44	
	-4045 Mar 15 j 15:35	0°♒	
morning max el	-4045 Mar 24 j 08:38	6°♒05'04	25°02'55
	-4045 Apr 10 j 15:48	0°♓	
morning set	-4045 Apr 19 j 15:28	17°♓30'50	
asc. node	-4045 Apr 22 j 14:36	23°♓49'51	
	-4045 Apr 25 j 10:51	0°♈	
superior conj	-4045 Apr 26 j 16:43	2°♈42'27	0°41'26
minimum elong	-4045 Apr 26 j 14:59	2°♈33'02	0°41'04
max. Earth dist.	-4045 Apr 27 j 21:21	5°♈17'38	1.33011 AU
evening rise	-4045 May 03 j 23:09	18°♈07'28	
	-4045 May 10 j 00:50	0°♉	
	-4045 May 29 j 06:14	0°♊	
desc. node	-4045 Jun 04 j 02:40	6°♊35'12	
evening max el	-4045 Jun 05 j 01:30	7°♊31'08	27°19'03
retrograde	-4045 Jun 18 j 22:30	14°♊54'54	
evening set	-4045 Jun 26 j 00:29	12°♊30'09	
min. Earth dist.	-4045 Jun 29 j 14:45	9°♊36'49	0.62252 AU
inferior conj	-4045 Jul 02 j 14:58	6°♊46'35	-4°-7'-7
minimum elong	-4045 Jul 02 j 17:37	6°♊40'19	4°06'40
morning rise	-4045 Jul 09 j 13:16	1°♊42'47	
direct	-4045 Jul 12 j 02:05	1°♊14'06	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-4045 Jul	18 j 19:50	4°♊38'42	17°57'05
asc. node	-4045 Jul	19 j 14:09	5°♊25'39	
morning set	-4045 Aug	04 j 01:38	0°♋03'06	
	-4045 Aug	04 j 00:57	0°♋	
superior conj	-4045 Aug	15 j 04:43	19°♋41'03	1°29'35
minimum elong	-4045 Aug	15 j 09:38	20°♋02'05	1°29'20
	-4045 Aug	21 j 08:23	0°♌	
max. Earth dist.	-4045 Aug	22 j 06:53	1°♌32'15	1.42827 AU
evening rise	-4045 Aug	29 j 23:39	13°♌50'43	
desc. node	-4045 Aug	31 j 01:54	15°♌33'14	
	-4045 Sep	09 j 13:34	0°♍	
greatest brilliancy	-4045 Sep	24 j 21:53	21°♍30'25	-0.4m
evening max el	-4045 Sep	29 j 23:04	27°♍19'07	21°31'59
	-4045 Oct	02 j 21:37	0°♎	
retrograde	-4045 Oct	08 j 19:21	2°♎34'08	
evening set	-4045 Oct	12 j 22:55	0°♎58'32	
	-4045 Oct	14 j 01:38	30°℞♍	
asc. node	-4045 Oct	15 j 13:10	28°♍23'28	
inferior conj	-4045 Oct	18 j 08:20	24°♍43'03	0°56'54
minimum elong	-4045 Oct	18 j 07:03	24°♍47'30	0°56'24
min. Earth dist.	-4045 Oct	18 j 14:58	24°♍20'11	0.67264 AU
morning rise	-4045 Oct	23 j 14:51	18°♍25'32	
direct	-4045 Oct	28 j 13:37	16°♍20'55	
morning max el	-4045 Nov	07 j 21:06	22°♍30'30	23°19'30
greatest brilliancy	-4045 Nov	13 j 08:10	28°♍40'59	-0.2m
	-4045 Nov	14 j 09:36	0°♎	
desc. node	-4045 Nov	27 j 01:47	17°♎29'17	
	-4045 Dec	05 j 06:36	0°♏	
morning set	-4045 Dec	12 j 16:10	12°♏00'44	
max. Earth dist.	-4045 Dec	17 j 02:11	19°♏32'44	1.39455 AU
	-4045 Dec	22 j 22:54	0°♐	
superior conj	-4045 Dec	24 j 16:42	3°♐12'22	-1°-54'-9
minimum elong	-4045 Dec	24 j 17:26	3°♐15'47	1°54'19
evening rise	-4044 Jan	03 j 01:41	21°♐03'58	
	-4044 Jan	07 j 18:40	0°♑	
asc. node	-4044 Jan	11 j 12:07	6°♑36'07	
evening max el	-4044 Jan	19 j 08:22	17°♑14'48	18°35'19
retrograde	-4044 Jan	27 j 02:15	21°♑01'01	
evening set	-4044 Jan	29 j 13:21	20°♑39'31	
inferior conj	-4044 Feb	06 j 02:38	16°♑10'54	3°43'15
minimum elong	-4044 Feb	06 j 05:50	16°♑04'40	3°42'40
min. Earth dist.	-4044 Feb	09 j 11:37	13°♑34'46	0.58429 AU
morning rise	-4044 Feb	13 j 18:42	10°♑52'21	
direct	-4044 Feb	19 j 19:04	9°♑21'11	
desc. node	-4044 Feb	23 j 01:07	9°♑47'24	
morning max el	-4044 Mar	05 j 01:19	16°♑52'10	26°26'20
	-4044 Mar	15 j 20:31	0°♒	
	-4044 Apr	01 j 21:43	0°♓	
morning set	-4044 Apr	03 j 02:43	2°♓30'32	
asc. node	-4044 Apr	08 j 11:35	14°♓02'11	
superior conj	-4044 Apr	10 j 04:12	17°♓44'18	0°17'36
minimum elong	-4044 Apr	10 j 03:26	17°♓40'04	0°17'23
max. Earth dist.	-4044 Apr	10 j 09:55	18°♓15'32	1.32633 AU
	-4044 Apr	15 j 20:17	0°♈	
evening rise	-4044 Apr	17 j 05:50	2°♈56'01	
	-4044 May	01 j 22:50	0°♉	
evening max el	-4044 May	17 j 04:42	19°♉36'31	26°42'10
desc. node	-4044 May	20 j 23:47	22°♉51'11	
retrograde	-4044 May	31 j 05:54	26°♉56'28	
evening set	-4044 Jun	06 j 20:13	25°♉03'23	
min. Earth dist.	-4044 Jun	10 j 18:10	22°♉21'56	0.60262 AU
inferior conj	-4044 Jun	14 j 02:27	19°♉36'32	-4°-18'-45
minimum elong	-4044 Jun	14 j 02:38	19°♉36'09	4°18'39
morning rise	-4044 Jun	21 j 12:23	14°♉54'18	
direct	-4044 Jun	24 j 00:01	14°♉30'48	
morning max el	-4044 Jul	01 j 07:30	18°♉04'06	18°11'57
asc. node	-4044 Jul	05 j 11:12	22°♉59'43	
	-4044 Jul	09 j 22:44	0°♊	
morning set	-4044 Jul	17 j 06:39	13°♊19'59	
	-4044 Jul	26 j 06:00	0°♋	
superior conj	-4044 Jul	27 j 00:39	1°♋24'18	1°45'22
minimum elong	-4044 Jul	27 j 02:56	1°♋34'33	1°45'26
max. Earth dist.	-4044 Aug	03 j 13:37	14°♋35'17	1.41100 AU
evening rise	-4044 Aug	08 j 20:07	23°♋20'08	
	-4044 Aug	13 j 00:04	0°♌	
desc. node	-4044 Aug	16 j 22:53	6°♌08'21	
	-4044 Sep	02 j 13:44	0°♍	
greatest brilliancy	-4044 Sep	06 j 16:35	5°♍13'13	-0.3m
evening max el	-4044 Sep	11 j 15:07	10°♍45'01	22°50'26
retrograde	-4044 Sep	21 j 13:33	16°♍38'25	
evening set	-4044 Sep	26 j 06:36	14°♍43'25	
asc. node	-4044 Oct	01 j 10:16	8°♍39'49	
inferior conj	-4044 Oct	01 j 14:57	8°♍23'43	0°04'00
minimum elong	-4044 Oct	01 j 14:51	8°♍24'03	0°04'02
transit middle	-4044 Oct	01 j 14:51	8°♍24'03	0°04'02
transit begin	-4044 Oct	01 j 12:14	8°♍33'04	
transit end	-4044 Oct	01 j 17:28	8°♍15'02	
min. Earth dist.	-4044 Oct	01 j 11:18	8°♍36'16	0.67426 AU
morning rise	-4044 Oct	06 j 23:01	2°♍08'38	
direct	-4044 Oct	11 j 07:19	0°♍25'37	
morning max el	-4044 Oct	20 j 10:19	5°♍50'36	21°54'46
greatest brilliancy	-4044 Oct	25 j 07:20	11°♍24'07	-0.4m
	-4044 Nov	07 j 18:37	0°♎	
desc. node	-4044 Nov	12 j 22:45	7°♎44'20	
morning set	-4044 Nov	21 j 15:34	21°♎17'19	
	-4044 Nov	27 j 00:16	0°♏	
max. Earth dist.	-4044 Nov	28 j 01:56	1°♏46'31	1.41478 AU
superior conj	-4044 Dec	05 j 17:27	14°♏51'16	-1°-51'-25
minimum elong	-4044 Dec	05 j 14:56	14°♏40'14	1°51'28
	-4044 Dec	14 j 02:54	0°♐	
evening rise	-4044 Dec	16 j 08:17	4°♐06'19	
asc. node	-4044 Dec	28 j 09:13	24°♐52'56	
evening max el	-4043 Jan	01 j 16:30	0°♑08'52	18°12'17
	-4043 Jan	01 j 12:56	0°♑	
retrograde	-4043 Jan	08 j 15:24	3°♑39'33	
evening set	-4043 Jan	11 j 05:13	3°♑11'25	
	-4043 Jan	16 j 06:50	30°℞♐	
inferior conj	-4043 Jan	18 j 04:18	28°♐20'32	4°02'42
minimum elong	-4043 Jan	18 j 04:40	28°♐19'41	4°02'31
min. Earth dist.	-4043 Jan	21 j 10:08	25°♐26'32	0.60433 AU
morning rise	-4043 Jan	25 j 01:21	22°♐42'36	
direct	-4043 Jan	31 j 20:10	20°♐33'53	
desc. node	-4043 Feb	08 j 22:12	23°♐16'56	
morning max el	-4043 Feb	14 j 23:43	28°♐13'06	27°22'03
	-4043 Feb	16 j 17:45	0°♑	
	-4043 Mar	09 j 12:04	0°♒	
morning set	-4043 Mar	18 j 11:13	17°♒20'28	
	-4043 Mar	24 j 09:42	0°♓	
max. Earth dist.	-4043 Mar	24 j 23:15	1°♓13'57	1.32596 AU
superior conj	-4043 Mar	25 j 15:51	2°♓44'34	0°-7'-18
minimum elong	-4043 Mar	25 j 16:10	2°♓46'22	0°07'19
behind sun begin	-4043 Mar	25 j 11:42	2°♓21'52	
behind sun end	-4043 Mar	25 j 20:39	3°♓10'53	
asc. node	-4043 Mar	26 j 08:37	4°♓16'16	
evening rise	-4043 Apr	01 j 15:58	17°♓52'57	
	-4043 Apr	07 j 16:55	0°♈	
	-4043 Apr	28 j 01:17	0°♉	
evening max el	-4043 Apr	29 j 01:39	0°♉59'58	25°35'18

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4043 May 07 j 20:54	7°♉07'06		
retrograde	-4043 May 13 j 03:32	8°♉12'31		
evening set	-4043 May 18 j 18:24	6°♉57'39		
min. Earth dist.	-4043 May 23 j 14:03	4°♉11'25	0.58249 AU	
inferior conj	-4043 May 26 j 20:02	1°♉52'33	-4°-3'-54	
minimum elong	-4043 May 26 j 16:43	1°♉58'30	4°03'28	
	-4043 May 29 j 13:28	30°℞♈		
morning rise	-4043 Jun 03 j 19:01	27°♈31'59		
direct	-4043 Jun 06 j 06:21	27°♈12'36		
	-4043 Jun 13 j 06:35	0°♉		
morning max el	-4043 Jun 14 j 13:24	1°♉06'59	18°46'52	
asc. node	-4043 Jun 22 j 08:14	11°♉22'15		
morning set	-4043 Jun 30 j 23:25	27°♉13'36		
	-4043 Jul 02 j 09:31	0°♊		
superior conj	-4043 Jul 09 j 17:39	14°♊11'56	1°49'07	
minimum elong	-4043 Jul 09 j 17:26	14°♊10'54	1°49'18	
max. Earth dist.	-4043 Jul 16 j 16:16	26°♊56'59	1.39162 AU	
	-4043 Jul 18 j 09:49	0°♋		
evening rise	-4043 Jul 20 j 18:12	4°♋03'31		
desc. node	-4043 Aug 03 j 19:53	26°♋32'38		
	-4043 Aug 06 j 04:01	0°♌		
evening max el	-4043 Aug 25 j 03:12	24°♌12'37	24°11'09	
	-4043 Sep 01 j 22:16	0°♍		
retrograde	-4043 Sep 05 j 04:15	0°♍42'02		
	-4043 Sep 08 j 04:42	30°℞♌		
evening set	-4043 Sep 10 j 12:13	28°♌27'14		
inferior conj	-4043 Sep 15 j 21:04	22°♌06'43	0°-49'-31	
minimum elong	-4043 Sep 15 j 22:13	22°♌02'48	0°48'57	
min. Earth dist.	-4043 Sep 15 j 07:02	22°♌54'09	0.67289 AU	
asc. node	-4043 Sep 18 j 07:25	18°♌57'11		
morning rise	-4043 Sep 21 j 08:27	15°♌57'12		
direct	-4043 Sep 25 j 03:51	14°♌34'25		
morning max el	-4043 Oct 03 j 06:07	19°♌18'40	20°37'59	
greatest brilliancy	-4043 Oct 09 j 10:49	26°♌42'51	-0.5m	
	-4043 Oct 11 j 20:57	0°♍		
desc. node	-4043 Oct 30 j 19:41	28°♍12'26		
morning set	-4043 Oct 31 j 17:15	29°♍36'03		
	-4043 Oct 31 j 23:25	0°♎		
max. Earth dist.	-4043 Nov 10 j 09:16	14°♎54'00	1.43183 AU	
superior conj	-4043 Nov 16 j 16:49	25°♎15'41	-1°-34'00	
minimum elong	-4043 Nov 16 j 10:46	24°♎50'26	1°33'34	
	-4043 Nov 19 j 12:30	0°♏		
evening rise	-4043 Nov 28 j 23:37	16°♏23'19		
	-4043 Dec 06 j 19:12	0°♐		
asc. node	-4043 Dec 15 j 06:19	12°♐20'43		
evening max el	-4043 Dec 16 j 04:16	13°♐18'54	18°08'51	
retrograde	-4043 Dec 22 j 18:28	16°♐47'25		
evening set	-4043 Dec 25 j 11:10	16°♐11'46		
inferior conj	-4043 Dec 31 j 22:44	10°♐59'17	3°56'49	
minimum elong	-4043 Dec 31 j 20:55	11°♐03'55	3°56'29	
min. Earth dist.	-4042 Jan 03 j 17:01	8°♐10'05	0.62371 AU	
morning rise	-4042 Jan 07 j 04:42	5°♐07'14		
direct	-4042 Jan 14 j 06:06	2°♐30'55		
desc. node	-4042 Jan 26 j 19:18	8°♐56'09		
morning max el	-4042 Jan 28 j 04:18	10°♐14'31	27°42'37	
	-4042 Feb 12 j 16:14	0°♑		
	-4042 Mar 01 j 16:28	0°♒		
morning set	-4042 Mar 02 j 14:47	1°♒52'30		
max. Earth dist.	-4042 Mar 08 j 09:23	13°♒57'54	1.32907 AU	
superior conj	-4042 Mar 10 j 01:56	17°♒36'36	0°-32'-23	
minimum elong	-4042 Mar 10 j 03:23	17°♒44'26	0°32'13	
asc. node	-4042 Mar 13 j 05:39	24°♒27'21		
	-4042 Mar 15 j 19:26	0°♓		
evening rise	-4042 Mar 17 j 03:34	2°♓50'25		
	-4042 Apr 01 j 01:37	0°♈		
evening max el	-4042 Apr 10 j 17:55	11°♈50'49	24°07'51	
retrograde	-4042 Apr 24 j 13:35	18°♈46'56		
desc. node	-4042 Apr 24 j 18:02	18°♈46'51		
evening set	-4042 Apr 28 j 20:56	18°♈05'37		
min. Earth dist.	-4042 May 05 j 05:33	15°♈00'19	0.56516 AU	
inferior conj	-4042 May 07 j 17:30	13°♈26'59	-3°-12'-35	
minimum elong	-4042 May 07 j 11:40	13°♈36'07	3°11'12	
morning rise	-4042 May 16 j 06:22	9°♈24'07		
direct	-4042 May 18 j 17:47	9°♈07'53		
morning max el	-4042 May 28 j 10:53	13°♈38'18	19°42'19	
asc. node	-4042 Jun 09 j 05:17	0°♉21'44		
	-4042 Jun 09 j 00:31	0°♉		
morning set	-4042 Jun 15 j 00:35	11°♉35'09		
superior conj	-4042 Jun 23 j 02:08	27°♉48'30	1°43'46	
minimum elong	-4042 Jun 23 j 00:17	27°♉39'22	1°43'49	
	-4042 Jun 24 j 04:49	0°♊		
max. Earth dist.	-4042 Jun 28 j 19:01	8°♊48'50	1.37263 AU	
evening rise	-4042 Jul 02 j 17:20	16°♊01'35		
	-4042 Jul 10 j 20:48	0°♋		
desc. node	-4042 Jul 21 j 16:54	16°♋40'45		
	-4042 Jul 31 j 15:35	0°♌		
evening max el	-4042 Aug 07 j 13:49	7°♌43'10	25°26'49	
retrograde	-4042 Aug 19 j 14:50	14°♌41'09		
evening set	-4042 Aug 25 j 13:54	12°♌08'51		
min. Earth dist.	-4042 Aug 29 j 23:47	7°♌12'31	0.66835 AU	
inferior conj	-4042 Aug 31 j 00:58	5°♌50'46	-1°-42'00	
minimum elong	-4042 Aug 31 j 03:19	5°♌43'08	1°40'58	
asc. node	-4042 Sep 05 j 04:31	0°♌12'13		
	-4042 Sep 05 j 11:18	30°℞♋		
morning rise	-4042 Sep 05 j 17:18	29°♋49'56		
direct	-4042 Sep 09 j 01:55	28°♋44'34		
	-4042 Sep 12 j 21:19	0°♌		
morning max el	-4042 Sep 16 j 09:15	2°♌56'04	19°33'41	
greatest brilliancy	-4042 Sep 25 j 06:04	14°♌19'59	-0.7m	
	-4042 Oct 05 j 14:28	0°♍		
morning set	-4042 Oct 10 j 18:11	7°♍59'55		
desc. node	-4042 Oct 17 j 16:37	18°♍49'34		
max. Earth dist.	-4042 Oct 23 j 22:53	28°♍41'31	1.44344 AU	
	-4042 Oct 24 j 18:40	0°♎		
superior conj	-4042 Oct 27 j 12:45	4°♎23'32	0°-59'-47	
minimum elong	-4042 Oct 27 j 06:12	3°♎57'18	0°59'03	
evening rise	-4042 Nov 10 j 19:03	27°♎45'56		
	-4042 Nov 12 j 03:03	0°♏		
evening max el	-4042 Nov 29 j 16:54	26°♏38'41	18°24'19	
asc. node	-4042 Dec 02 j 03:25	28°♏45'40		
	-4042 Dec 04 j 13:56	0°♐		
retrograde	-4042 Dec 06 j 06:55	0°♐15'46		
	-4042 Dec 07 j 23:40	30°℞♏		
evening set	-4042 Dec 09 j 03:39	29°♏31'14		
inferior conj	-4042 Dec 15 j 06:08	23°♏59'30	3°33'27	
minimum elong	-4042 Dec 15 j 03:11	24°♏07'53	3°32'44	
min. Earth dist.	-4042 Dec 17 j 09:59	21°♏31'57	0.64054 AU	
morning rise	-4042 Dec 21 j 01:19	17°♏57'01		
direct	-4042 Dec 27 j 23:39	15°♏07'40		
morning max el	-4041 Jan 10 j 12:53	22°♏50'41	27°27'22	
desc. node	-4041 Jan 13 j 16:21	26°♏09'57		
	-4041 Jan 16 j 22:33	0°♐		
	-4041 Feb 05 j 21:12	0°♑		
morning set	-4041 Feb 14 j 10:47	15°♑57'38		
max. Earth dist.	-4041 Feb 19 j 12:15	26°♑14'04	1.33606 AU	
	-4041 Feb 21 j 07:19	0°♒		
superior conj	-4041 Feb 22 j 08:39	2°♒14'17	0°-56'-42	
minimum elong	-4041 Feb 22 j 11:05	2°♒27'10	0°56'25	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4041 Feb 28 j 02:39	14°♒31'13	
evening rise	-4041 Mar 01 j 14:50	17°♒42'00	
	-4041 Mar 07 j 18:31	0°♓	
evening max el	-4041 Mar 23 j 10:58	22°♓34'00	22°33'38
retrograde	-4041 Apr 05 j 11:30	28°♓56'00	
evening set	-4041 Apr 08 j 13:47	28°♓34'58	
desc. node	-4041 Apr 11 j 15:12	27°♓36'27	
min. Earth dist.	-4041 Apr 16 j 19:50	24°♓58'22	0.55414 AU
inferior conj	-4041 Apr 17 j 21:08	24°♓22'13	-1°-41'-32
minimum elong	-4041 Apr 17 j 16:44	24°♓28'31	1°40'09
morning rise	-4041 Apr 26 j 21:55	20°♓25'17	
direct	-4041 Apr 29 j 12:14	20°♓09'41	
morning max el	-4041 May 10 j 21:52	25°♓29'53	20°57'22
	-4041 May 15 j 00:54	0°♈	
asc. node	-4041 May 27 j 02:17	19°♈48'29	
morning set	-4041 May 30 j 07:24	26°♈16'24	
	-4041 Jun 01 j 02:43	0°♉	
superior conj	-4041 Jun 06 j 21:30	11°♉59'51	1°31'42
minimum elong	-4041 Jun 06 j 18:54	11°♉46'31	1°31'33
max. Earth dist.	-4041 Jun 11 j 03:55	20°♉36'24	1.35612 AU
evening rise	-4041 Jun 15 j 12:31	29°♉00'56	
	-4041 Jun 16 j 01:07	0°♊	
	-4041 Jul 04 j 01:25	0°♋	
desc. node	-4041 Jul 08 j 13:57	6°♋24'44	
evening max el	-4041 Jul 21 j 00:46	21°♋13'29	26°29'32
retrograde	-4041 Aug 02 j 20:41	28°♋29'15	
evening set	-4041 Aug 09 j 09:30	25°♋45'09	
min. Earth dist.	-4041 Aug 13 j 11:14	21°♋27'17	0.66033 AU
inferior conj	-4041 Aug 15 j 00:45	19°♋32'50	-2°-31'-37
minimum elong	-4041 Aug 15 j 04:03	19°♋22'44	2°30'22
morning rise	-4041 Aug 20 j 23:33	13°♋43'44	
asc. node	-4041 Aug 23 j 01:36	12°♋57'13	
direct	-4041 Aug 23 j 23:42	12°♋52'25	
morning max el	-4041 Aug 30 j 18:32	16°♋39'50	18°44'28
	-4041 Sep 09 j 15:45	0°♌	
morning set	-4041 Sep 20 j 15:11	17°♌25'19	
	-4041 Sep 28 j 12:44	0°♍	
desc. node	-4041 Oct 04 j 13:32	9°♍31'53	
superior conj	-4041 Oct 06 j 14:02	12°♍42'59	0°-12'-47
minimum elong	-4041 Oct 06 j 12:21	12°♍36'21	0°12'31
behind sun begin	-4041 Oct 06 j 04:56	12°♍07'06	
behind sun end	-4041 Oct 06 j 19:47	13°♍05'35	
max. Earth dist.	-4041 Oct 06 j 15:56	12°♍50'26	1.44824 AU
	-4041 Oct 17 j 12:33	0°♎	
evening rise	-4041 Oct 22 j 14:21	8°♎05'32	
	-4041 Nov 05 j 11:28	0°♏	
evening max el	-4041 Nov 13 j 03:51	10°♏03'39	18°57'34
asc. node	-4041 Nov 19 j 00:30	13°♏52'27	
retrograde	-4041 Nov 20 j 00:57	13°♏58'17	
evening set	-4041 Nov 23 j 03:32	13°♏02'46	
inferior conj	-4041 Nov 28 j 23:01	7°♏14'42	2°58'13
minimum elong	-4041 Nov 28 j 19:51	7°♏24'29	2°57'14
min. Earth dist.	-4041 Nov 30 j 12:29	5°♏18'45	0.65397 AU
morning rise	-4041 Dec 04 j 11:09	1°♏04'43	
	-4041 Dec 05 j 20:26	30°℞♎	
direct	-4041 Dec 10 j 23:46	28°♎16'39	
	-4041 Dec 16 j 16:22	0°♏	
morning max el	-4041 Dec 23 j 22:33	5°♏49'18	26°41'10
desc. node	-4041 Dec 31 j 13:23	14°♏30'44	
	-4040 Jan 11 j 14:48	0°♐	
morning set	-4040 Jan 28 j 19:40	29°♐24'41	
	-4040 Jan 29 j 03:05	0°♑	
max. Earth dist.	-4040 Feb 02 j 04:18	7°♑54'20	1.34739 AU
superior conj	-4040 Feb 06 j 09:53	16°♑30'56	-1°-19'-1
minimum elong	-4040 Feb 06 j 12:56	16°♑46'43	1°18'46
	-4040 Feb 12 j 20:42	0°♒	
evening rise	-4040 Feb 14 j 00:00	2°♒21'43	
asc. node	-4040 Feb 14 j 23:40	4°♒23'27	
	-4040 Mar 01 j 02:51	0°♓	
evening max el	-4040 Mar 04 j 11:06	3°♓36'44	21°05'40
retrograde	-4040 Mar 16 j 01:21	9°♓08'58	
evening set	-4040 Mar 18 j 11:54	8°♓55'09	
inferior conj	-4040 Mar 27 j 16:36	4°♓56'56	0°13'41
minimum elong	-4040 Mar 27 j 17:13	4°♓56'02	0°13'22
transit middle	-4040 Mar 27 j 17:13	4°♓56'02	0°13'22
transit begin	-4040 Mar 27 j 15:02	4°♓59'09	
transit end	-4040 Mar 27 j 19:25	4°♓52'55	
min. Earth dist.	-4040 Mar 28 j 10:09	4°♓31'59	0.55196 AU
desc. node	-4040 Mar 28 j 12:20	4°♓28'53	
morning rise	-4040 Apr 05 j 21:42	0°♓48'31	
direct	-4040 Apr 09 j 00:23	0°♓27'21	
morning max el	-4040 Apr 21 j 22:12	6°♓40'47	22°28'22
	-4040 May 08 j 03:10	0°♈	
asc. node	-4040 May 12 j 23:16	9°♈35'33	
morning set	-4040 May 13 j 17:46	11°♈11'19	
superior conj	-4040 May 21 j 00:24	26°♈35'44	1°14'47
minimum elong	-4040 May 20 j 21:46	26°♈21'48	1°14'27
	-4040 May 22 j 15:16	0°♉	
max. Earth dist.	-4040 May 23 j 22:46	2°♉43'48	1.34321 AU
evening rise	-4040 May 28 j 22:34	12°♉46'52	
	-4040 Jun 07 j 07:59	0°♊	
desc. node	-4040 Jun 24 j 11:01	25°♊34'07	
	-4040 Jun 28 j 03:34	0°♋	
evening max el	-4040 Jul 02 j 12:13	4°♋35'58	27°11'15
retrograde	-4040 Jul 15 j 21:12	11°♋58'54	
evening set	-4040 Jul 22 j 20:23	9°♋12'22	
min. Earth dist.	-4040 Jul 26 j 15:09	5°♋32'16	0.64858 AU
inferior conj	-4040 Jul 28 j 18:11	3°♋09'02	-3°-16'-4
minimum elong	-4040 Jul 28 j 21:58	2°♋58'25	3°14'54
	-4040 Jul 31 j 17:44	30°℞♊	
morning rise	-4040 Aug 04 j 00:57	27°♊34'57	
direct	-4040 Aug 06 j 19:05	26°♊54'21	
asc. node	-4040 Aug 08 j 22:40	27°♊18'54	
	-4040 Aug 12 j 21:16	0°♋	
morning max el	-4040 Aug 13 j 07:50	0°♋25'58	18°11'55
morning set	-4040 Aug 31 j 15:41	28°♋10'37	
	-4040 Sep 01 j 17:55	0°♌	
superior conj	-4040 Sep 14 j 17:51	21°♌14'24	0°35'40
minimum elong	-4040 Sep 14 j 22:01	21°♌31'02	0°35'15
max. Earth dist.	-4040 Sep 18 j 09:43	27°♌03'58	1.44578 AU
desc. node	-4040 Sep 20 j 10:27	0°♍16'26	
	-4040 Sep 20 j 06:17	0°♍	
evening rise	-4040 Oct 01 j 09:31	17°♍24'07	
	-4040 Oct 09 j 13:10	0°♎	
greatest brilliancy	-4040 Oct 18 j 13:40	13°♎29'28	-0.6m
evening max el	-4040 Oct 26 j 10:53	23°♎30'27	19°46'59
retrograde	-4040 Nov 02 j 21:37	27°♎50'41	
asc. node	-4040 Nov 04 j 21:35	27°♎27'31	
evening set	-4040 Nov 06 j 08:13	26°♎41'33	
inferior conj	-4040 Nov 11 j 22:30	20°♎40'11	2°14'58
minimum elong	-4040 Nov 11 j 19:46	20°♎49'11	2°13'58
min. Earth dist.	-4040 Nov 12 j 22:53	19°♎20'09	0.66389 AU
morning rise	-4040 Nov 17 j 06:37	14°♎25'20	
direct	-4040 Nov 23 j 05:33	11°♎49'38	
morning max el	-4040 Dec 05 j 07:29	18°♎58'35	25°31'56
	-4040 Dec 14 j 17:05	0°♏	
desc. node	-4040 Dec 17 j 10:21	3°♏38'21	
	-4039 Jan 03 j 16:20	0°♐	
morning set	-4039 Jan 10 j 12:38	11°♐58'25	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4039 Jan 14 j 08:42	19°♐05'10	1.36325 AU	
	-4039 Jan 19 j 23:22	0°♑		
superior conj	-4039 Jan 20 j 02:49	0°♑17'12	-1°-37'-43	
minimum elong	-4039 Jan 20 j 05:51	0°♑32'19	1°37'37	
evening rise	-4039 Jan 28 j 05:03	16°♑42'22		
asc. node	-4039 Jan 31 j 20:41	23°♑57'58		
	-4039 Feb 04 j 02:03	0°♒		
evening max el	-4039 Feb 14 j 21:20	15°♒11'48	19°52'16	
retrograde	-4039 Feb 24 j 18:45	19°♒53'20		
evening set	-4039 Feb 27 j 02:19	19°♒39'05		
inferior conj	-4039 Mar 07 j 17:39	15°♒37'35	2°01'31	
minimum elong	-4039 Mar 07 j 22:13	15°♒30'30	2°00'01	
min. Earth dist.	-4039 Mar 10 j 00:22	14°♒13'18	0.55904 AU	
desc. node	-4039 Mar 15 j 09:28	11°♒28'30		
morning rise	-4039 Mar 16 j 15:02	11°♒03'24		
direct	-4039 Mar 20 j 18:16	10°♒25'29		
morning max el	-4039 Apr 03 j 14:48	17°♒21'09	24°07'26	
	-4039 Apr 13 j 20:59	0°♓		
morning set	-4039 Apr 28 j 05:48	26°♓12'49		
asc. node	-4039 Apr 29 j 20:16	29°♓36'08		
	-4039 Apr 30 j 00:44	0°♈		
superior conj	-4039 May 05 j 08:11	11°♈26'53	0°54'21	
minimum elong	-4039 May 05 j 06:01	11°♈15'11	0°53'58	
max. Earth dist.	-4039 May 07 j 03:02	15°♈16'51	1.33393 AU	
evening rise	-4039 May 12 j 19:06	27°♈05'03		
	-4039 May 14 j 06:09	0°♉		
	-4039 May 31 j 15:41	0°♊		
desc. node	-4039 Jun 11 j 08:07	13°♊53'52		
evening max el	-4039 Jun 14 j 22:25	17°♊37'50	27°25'17	
retrograde	-4039 Jun 28 j 15:38	25°♊01'22		
evening set	-4039 Jul 05 j 19:13	22°♊24'44		
min. Earth dist.	-4039 Jul 09 j 09:41	19°♊17'22	0.63306 AU	
inferior conj	-4039 Jul 12 j 02:36	16°♊33'25	-3°-52'-4	
minimum elong	-4039 Jul 12 j 06:00	16°♊24'47	3°51'18	
morning rise	-4039 Jul 18 j 18:48	11°♊17'37		
direct	-4039 Jul 21 j 09:07	10°♊45'05		
asc. node	-4039 Jul 26 j 19:44	13°♊07'24		
morning max el	-4039 Jul 27 j 22:42	14°♊09'21	17°57'10	
	-4039 Aug 07 j 21:26	0°♋		
morning set	-4039 Aug 13 j 16:52	10°♋06'33		
	-4039 Aug 25 j 07:06	0°♌		
superior conj	-4039 Aug 25 j 19:32	0°♌51'46	1°14'05	
minimum elong	-4039 Aug 26 j 01:18	1°♌15'46	1°13'37	
max. Earth dist.	-4039 Sep 01 j 01:24	11°♌04'39	1.43638 AU	
desc. node	-4039 Sep 07 j 07:25	21°♌00'11		
evening rise	-4039 Sep 10 j 14:21	26°♌07'35		
	-4039 Sep 13 j 02:39	0°♍		
greatest brilliancy	-4039 Oct 03 j 18:03	0°♎07'11	-0.5m	
	-4039 Oct 03 j 15:52	0°♎		
evening max el	-4039 Oct 09 j 12:20	6°♎57'10	20°50'22	
retrograde	-4039 Oct 17 j 18:44	11°♎50'19		
evening set	-4039 Oct 21 j 15:35	10°♎24'53		
asc. node	-4039 Oct 22 j 18:41	9°♎27'40		
inferior conj	-4039 Oct 27 j 02:18	4°♎13'30	1°26'27	
minimum elong	-4039 Oct 27 j 00:24	4°♎19'58	1°25'41	
min. Earth dist.	-4039 Oct 27 j 15:01	3°♎30'12	0.67039 AU	
	-4039 Oct 30 j 08:29	30°℞♍		
morning rise	-4039 Nov 01 j 08:49	27°♍56'20		
direct	-4039 Nov 06 j 16:25	25°♍39'40		
	-4039 Nov 15 j 08:03	0°♎		
morning max el	-4039 Nov 17 j 16:12	2°♎12'55	24°09'21	
desc. node	-4039 Dec 04 j 07:19	23°♎19'29		
	-4039 Dec 08 j 19:53	0°♏		
morning set	-4039 Dec 23 j 07:54	23°♏23'43		
max. Earth dist.	-4039 Dec 27 j 05:45	0°♐16'02	1.38268 AU	
	-4039 Dec 27 j 02:09	0°♐		
superior conj	-4038 Jan 03 j 07:59	13°♐23'47	-1°-50'-33	
minimum elong	-4038 Jan 03 j 09:57	13°♐33'11	1°50'40	
	-4038 Jan 11 j 19:59	0°♑		
evening rise	-4038 Jan 12 j 03:45	0°♑38'16		
asc. node	-4038 Jan 18 j 17:43	13°♑08'40		
evening max el	-4038 Jan 28 j 17:42	27°♑21'43	18°57'34	
	-4038 Feb 01 j 04:25	0°♒		
retrograde	-4038 Feb 06 j 03:32	1°♒24'00		
evening set	-4038 Feb 08 j 13:02	1°♒05'43		
	-4038 Feb 11 j 10:16	30°℞♑		
inferior conj	-4038 Feb 16 j 11:30	26°♑48'22	3°17'03	
minimum elong	-4038 Feb 16 j 16:02	26°♑40'16	3°15'59	
min. Earth dist.	-4038 Feb 19 j 15:42	24°♑33'37	0.57366 AU	
morning rise	-4038 Feb 24 j 15:19	21°♑44'27		
direct	-4038 Mar 02 j 00:12	20°♑35'49		
desc. node	-4038 Mar 02 j 06:35	20°♑35'59		
morning max el	-4038 Mar 16 j 05:48	27°♑57'25	25°41'08	
	-4038 Mar 18 j 06:03	0°♒		
	-4038 Apr 07 j 03:39	0°♓		
morning set	-4038 Apr 12 j 17:51	11°♓14'56		
asc. node	-4038 Apr 16 j 17:16	19°♓45'20		
superior conj	-4038 Apr 19 j 18:51	26°♓26'22	0°31'30	
minimum elong	-4038 Apr 19 j 17:30	26°♓19'01	0°31'12	
max. Earth dist.	-4038 Apr 20 j 13:41	28°♓09'03	1.32812 AU	
	-4038 Apr 21 j 10:05	0°♈		
evening rise	-4038 Apr 26 j 22:50	11°♈44'45		
	-4038 May 06 j 11:22	0°♉		
evening max el	-4038 May 28 j 04:40	0°♊05'49	27°07'15	
	-4038 May 28 j 02:14	0°♊		
desc. node	-4038 May 29 j 05:14	1°♊03'00		
retrograde	-4038 Jun 11 j 03:19	7°♊27'45		
evening set	-4038 Jun 18 j 02:03	5°♊14'53		
min. Earth dist.	-4038 Jun 21 j 18:08	2°♊28'56	0.61432 AU	
inferior conj	-4038 Jun 24 j 22:46	29°♉38'17	-4°-14'-39	
minimum elong	-4038 Jun 25 j 00:32	29°♉34'18	4°14'24	
	-4038 Jun 24 j 13:06	30°℞♉		
morning rise	-4038 Jul 02 j 01:51	24°♉43'37		
direct	-4038 Jul 04 j 14:09	24°♉17'12		
morning max el	-4038 Jul 11 j 12:24	27°♉43'40	18°01'02	
asc. node	-4038 Jul 13 j 16:48	0°♊07'24		
	-4038 Jul 13 j 14:22	0°♊		
morning set	-4038 Jul 27 j 13:12	22°♊57'32		
	-4038 Jul 31 j 09:34	0°♋		
superior conj	-4038 Aug 07 j 00:55	11°♋51'37	1°37'56	
minimum elong	-4038 Aug 07 j 04:48	12°♋08'32	1°37'50	
max. Earth dist.	-4038 Aug 14 j 11:47	24°♋32'41	1.42136 AU	
	-4038 Aug 17 j 19:42	0°♌		
evening rise	-4038 Aug 20 j 23:51	5°♌05'20		
desc. node	-4038 Aug 25 j 04:23	11°♌39'24		
	-4038 Sep 06 j 11:05	0°♍		
greatest brilliancy	-4038 Sep 17 j 13:02	14°♍58'15	-0.4m	
evening max el	-4038 Sep 22 j 07:27	20°♍22'14	22°04'36	
retrograde	-4038 Oct 01 j 14:30	25°♍53'38		
evening set	-4038 Oct 05 j 23:40	24°♍09'41		
asc. node	-4038 Oct 09 j 15:49	20°♍09'43		
inferior conj	-4038 Oct 11 j 08:25	17°♍51'47	0°34'38	
minimum elong	-4038 Oct 11 j 07:37	17°♍54'33	0°34'20	
min. Earth dist.	-4038 Oct 11 j 10:33	17°♍44'25	0.67371 AU	
morning rise	-4038 Oct 16 j 15:23	11°♍35'04		
direct	-4038 Oct 21 j 07:45	9°♍39'58		
morning max el	-4038 Oct 31 j 03:00	15°♍30'29	22°42'53	
greatest brilliancy	-4038 Nov 04 j 20:42	20°♍50'10	-0.3m	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4038 Nov 11 j 21:06	0°♎	
desc. node	-4038 Nov 21 j 04:16	13°♎23'53	
	-4038 Dec 01 j 20:48	0°♏	
morning set	-4038 Dec 03 j 23:48	3°♏27'08	
max. Earth dist.	-4038 Dec 09 j 02:34	11°♏59'52	1.40339 AU
superior conj	-4038 Dec 16 j 20:38	25°♏37'51	-1°-54'-34
minimum elong	-4038 Dec 16 j 20:08	25°♏35'37	1°54'43
	-4038 Dec 19 j 05:57	0°♐	
evening rise	-4038 Dec 26 j 17:12	14°♐01'59	
	-4037 Jan 04 j 12:12	0°♑	
asc. node	-4037 Jan 05 j 14:47	1°♑47'34	
evening max el	-4037 Jan 11 j 22:14	10°♑01'13	18°23'01
retrograde	-4037 Jan 19 j 06:56	13°♑39'29	
evening set	-4037 Jan 21 j 19:02	13°♑15'23	
inferior conj	-4037 Jan 29 j 01:56	8°♑37'14	3°55'13
minimum elong	-4037 Jan 29 j 03:55	8°♑33'05	3°54'52
min. Earth dist.	-4037 Feb 01 j 10:56	5°♑50'26	0.59267 AU
morning rise	-4037 Feb 05 j 09:29	3°♑09'15	
direct	-4037 Feb 11 j 18:52	1°♑21'36	
desc. node	-4037 Feb 17 j 03:41	2°♑33'30	
morning max el	-4037 Feb 26 j 00:52	8°♑57'17	26°54'12
	-4037 Mar 14 j 01:49	0°♒	
morning set	-4037 Mar 28 j 04:12	26°♒11'20	
	-4037 Mar 29 j 23:38	0°♓	
asc. node	-4037 Apr 03 j 14:17	9°♓58'47	
superior conj	-4037 Apr 04 j 06:36	11°♓28'06	0°07'07
minimum elong	-4037 Apr 04 j 06:17	11°♓26'23	0°07'00
behind sun begin	-4037 Apr 04 j 01:47	11°♓01'42	
behind sun end	-4037 Apr 04 j 10:48	11°♓51'04	
max. Earth dist.	-4037 Apr 04 j 03:01	11°♓08'26	1.32566 AU
evening rise	-4037 Apr 11 j 07:13	26°♓37'21	
	-4037 Apr 12 j 22:24	0°♈	
	-4037 Apr 30 j 05:26	0°♉	
evening max el	-4037 May 10 j 05:01	11°♉52'30	26°17'00
desc. node	-4037 May 16 j 02:22	16°♉32'43	
retrograde	-4037 May 24 j 07:07	19°♉10'52	
evening set	-4037 May 30 j 12:57	17°♉33'27	
min. Earth dist.	-4037 Jun 03 j 17:55	14°♉52'13	0.59386 AU
inferior conj	-4037 Jun 07 j 03:04	12°♉15'02	-4°-16'-21
minimum elong	-4037 Jun 07 j 01:49	12°♉17'28	4°16'12
morning rise	-4037 Jun 14 j 18:26	7°♉42'37	
direct	-4037 Jun 17 j 05:49	7°♉21'04	
morning max el	-4037 Jun 24 j 22:07	11°♉01'31	18°24'22
asc. node	-4037 Jun 30 j 13:53	18°♉04'02	
	-4037 Jul 07 j 12:52	0°♊	
morning set	-4037 Jul 10 j 23:44	6°♊31'37	
superior conj	-4037 Jul 20 j 06:40	24°♊05'11	1°48'14
minimum elong	-4037 Jul 20 j 07:48	24°♊10'25	1°48'24
	-4037 Jul 23 j 12:48	0°♋	
max. Earth dist.	-4037 Jul 27 j 16:10	7°♋17'01	1.40284 AU
evening rise	-4037 Aug 01 j 06:47	15°♋05'00	
	-4037 Aug 10 j 15:09	0°♌	
desc. node	-4037 Aug 12 j 01:23	2°♌10'40	
	-4037 Sep 01 j 09:03	0°♍	
evening max el	-4037 Sep 04 j 21:24	3°♍48'12	23°24'46
retrograde	-4037 Sep 15 j 07:30	9°♍58'12	
evening set	-4037 Sep 20 j 06:43	7°♍54'41	
inferior conj	-4037 Sep 25 j 15:03	1°♍33'54	0°-18'-43
minimum elong	-4037 Sep 25 j 15:29	1°♍32'25	0°18'28
min. Earth dist.	-4037 Sep 25 j 07:01	2°♍01'30	0.67407 AU
asc. node	-4037 Sep 26 j 12:57	0°♍19'13	
	-4037 Sep 26 j 18:41	30°℞♌	
morning rise	-4037 Oct 01 j 00:20	25°♌20'38	
direct	-4037 Oct 05 j 02:48	23°♌46'40	
morning max el	-4037 Oct 13 j 18:52	28°♌53'59	21°20'40
	-4037 Oct 14 j 19:58	0°♍	
greatest brilliancy	-4037 Oct 19 j 02:33	5°♍04'06	-0.4m
	-4037 Nov 05 j 14:14	0°♎	
desc. node	-4037 Nov 08 j 01:12	3°♎44'47	
morning set	-4037 Nov 13 j 12:09	12°♎13'16	
max. Earth dist.	-4037 Nov 21 j 04:55	24°♎34'57	1.42258 AU
	-4037 Nov 24 j 11:23	0°♏	
superior conj	-4037 Nov 28 j 11:08	6°♏45'50	-1°-46'-1
minimum elong	-4037 Nov 28 j 07:00	6°♏28'07	1°45'53
evening rise	-4037 Dec 09 j 17:49	26°♏45'41	
	-4037 Dec 11 j 12:44	0°♐	
asc. node	-4037 Dec 23 j 11:52	19°♐44'50	
evening max el	-4037 Dec 26 j 08:15	23°♐02'41	18°08'29
retrograde	-4036 Jan 02 j 02:24	26°♐31'00	
evening set	-4036 Jan 04 j 17:18	25°♐59'55	
inferior conj	-4036 Jan 11 j 11:11	20°♐59'59	4°02'47
minimum elong	-4036 Jan 11 j 10:31	21°♐01'35	4°02'35
min. Earth dist.	-4036 Jan 14 j 12:56	18°♐05'04	0.61277 AU
morning rise	-4036 Jan 18 j 01:14	15°♐15'18	
direct	-4036 Jan 25 j 00:16	12°♐52'48	
desc. node	-4036 Feb 04 j 00:47	17°♐02'12	
morning max el	-4036 Feb 08 j 02:02	20°♐35'19	27°35'18
	-4036 Feb 16 j 06:05	0°♑	
	-4036 Mar 05 j 22:20	0°♒	
morning set	-4036 Mar 11 j 10:50	10°♒54'17	
max. Earth dist.	-4036 Mar 17 j 15:15	24°♒01'08	1.32672 AU
superior conj	-4036 Mar 18 j 17:46	26°♒25'24	0°-17'-58
minimum elong	-4036 Mar 18 j 18:35	26°♒29'49	0°17'55
asc. node	-4036 Mar 20 j 11:16	0°♓11'45	
	-4036 Mar 20 j 09:07	0°♓	
evening rise	-4036 Mar 25 j 18:09	11°♓34'49	
	-4036 Apr 04 j 05:30	0°♈	
evening max el	-4036 Apr 20 j 23:30	22°♈59'40	25°00'01
desc. node	-4036 May 01 j 23:31	29°♈45'54	
	-4036 May 03 j 05:38	0°♉	
retrograde	-4036 May 05 j 00:28	0°♉07'28	
	-4036 May 06 j 19:18	30°℞♈	
evening set	-4036 May 10 j 02:06	29°♈08'20	
min. Earth dist.	-4036 May 15 j 11:49	26°♈15'14	0.57445 AU
inferior conj	-4036 May 18 j 12:10	24°♈13'42	-3°-47'-9
minimum elong	-4036 May 18 j 07:29	24°♈21'38	3°46'20
morning rise	-4036 May 26 j 17:01	20°♈01'26	
direct	-4036 May 29 j 04:05	19°♈43'41	
morning max el	-4036 Jun 07 j 00:47	23°♈52'05	19°07'58
	-4036 Jun 12 j 04:56	0°♉	
asc. node	-4036 Jun 16 j 10:55	6°♉43'19	
morning set	-4036 Jun 23 j 20:27	20°♉37'45	
	-4036 Jun 28 j 13:53	0°♊	
superior conj	-4036 Jul 02 j 06:51	7°♊15'07	1°47'48
minimum elong	-4036 Jul 02 j 05:50	7°♊10'11	1°47'57
max. Earth dist.	-4036 Jul 08 j 17:44	19°♊21'36	1.38334 AU
evening rise	-4036 Jul 12 j 16:00	26°♊21'23	
	-4036 Jul 14 j 18:41	0°♋	
desc. node	-4036 Jul 28 j 22:25	22°♋28'46	
	-4036 Aug 03 j 04:32	0°♌	
evening max el	-4036 Aug 17 j 08:37	17°♌17'23	24°44'25
retrograde	-4036 Aug 28 j 20:37	24°♌00'20	
evening set	-4036 Sep 03 j 10:54	21°♌37'55	
min. Earth dist.	-4036 Sep 08 j 01:54	16°♌19'51	0.67138 AU
inferior conj	-4036 Sep 08 j 20:29	15°♌17'56	-1°-12'00
minimum elong	-4036 Sep 08 j 22:10	15°♌12'20	1°11'12
asc. node	-4036 Sep 12 j 10:05	10°♌55'28	
morning rise	-4036 Sep 14 j 09:45	9°♌11'25	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4036 Sep 18 j 00:17	7°♌56'21	
morning max el	-4036 Sep 25 j 17:44	12°♌25'50	20°08'46
greatest brilliancy	-4036 Oct 02 j 20:30	21°♌10'19	-0.6m
	-4036 Oct 09 j 00:10	0°♍	
morning set	-4036 Oct 22 j 10:28	20°♍25'28	
desc. node	-4036 Oct 24 j 22:08	24°♍17'12	
	-4036 Oct 28 j 13:42	0°♎	
max. Earth dist.	-4036 Nov 02 j 14:50	8°♎00'22	1.43758 AU
superior conj	-4036 Nov 07 j 22:44	16°♎37'28	-1°-21'-29
minimum elong	-4036 Nov 07 j 15:51	16°♎09'21	1°20'52
	-4036 Nov 15 j 23:31	0°♏	
evening rise	-4036 Nov 21 j 01:15	8°♏40'41	
	-4036 Dec 03 j 21:07	0°♐	
evening max el	-4036 Dec 08 j 20:49	6°♐18'21	18°13'15
asc. node	-4036 Dec 09 j 08:57	6°♐48'06	
retrograde	-4036 Dec 15 j 09:51	9°♐48'55	
evening set	-4036 Dec 18 j 04:10	9°♐09'39	
inferior conj	-4036 Dec 24 j 11:36	3°♐48'53	3°48'37
minimum elong	-4036 Dec 24 j 09:12	3°♐55'22	3°48'07
min. Earth dist.	-4036 Dec 26 j 23:59	1°♐07'11	0.63130 AU
	-4036 Dec 28 j 02:34	30°℞♏	
morning rise	-4036 Dec 30 j 12:31	27°♏52'16	
direct	-4035 Jan 06 j 13:51	25°♏08'18	
	-4035 Jan 17 j 04:40	0°♐	
morning max el	-4035 Jan 20 j 08:25	2°♐52'13	27°40'15
desc. node	-4035 Jan 20 j 21:49	3°♐25'39	
	-4035 Feb 09 j 14:23	0°♑	
morning set	-4035 Feb 23 j 11:30	25°♑15'57	
	-4035 Feb 25 j 19:21	0°♒	
max. Earth dist.	-4035 Feb 28 j 22:36	6°♒34'05	1.33153 AU
superior conj	-4035 Mar 03 j 02:39	11°♒12'20	0°-42'-51
minimum elong	-4035 Mar 03 j 04:33	11°♒22'30	0°42'38
asc. node	-4035 Mar 07 j 08:16	20°♒20'22	
evening rise	-4035 Mar 10 j 05:49	26°♒30'41	
	-4035 Mar 11 j 22:03	0°♓	
	-4035 Mar 30 j 03:06	0°♈	
evening max el	-4035 Apr 02 j 15:29	3°♈44'13	23°27'51
retrograde	-4035 Apr 16 j 04:49	10°♈27'22	
desc. node	-4035 Apr 18 j 20:39	10°♈11'43	
evening set	-4035 Apr 19 j 22:40	9°♈56'40	
min. Earth dist.	-4035 Apr 27 j 02:38	6°♈39'40	0.55954 AU
inferior conj	-4035 Apr 29 j 01:21	5°♈30'08	-2°-38'-27
minimum elong	-4035 Apr 28 j 19:32	5°♈38'50	2°36'50
morning rise	-4035 May 07 j 19:43	1°♈31'13	
direct	-4035 May 10 j 07:52	1°♈15'35	
morning max el	-4035 May 20 j 17:47	6°♈06'08	20°11'56
asc. node	-4035 Jun 03 j 07:55	25°♈54'59	
	-4035 Jun 05 j 10:41	0°♉	
morning set	-4035 Jun 08 j 00:16	5°♉07'58	
superior conj	-4035 Jun 15 j 20:23	21°♉06'59	1°39'21
minimum elong	-4035 Jun 15 j 18:07	20°♉55'35	1°39'18
	-4035 Jun 20 j 08:22	0°♊	
max. Earth dist.	-4035 Jun 20 j 22:35	1°♊08'24	1.36526 AU
evening rise	-4035 Jun 25 j 00:18	8°♊46'52	
	-4035 Jul 07 j 11:30	0°♋	
desc. node	-4035 Jul 15 j 19:28	12°♋27'20	
	-4035 Jul 29 j 23:49	0°♌	
evening max el	-4035 Jul 30 j 19:27	0°♌48'56	25°55'38
retrograde	-4035 Aug 12 j 05:04	7°♌55'04	
evening set	-4035 Aug 18 j 10:15	5°♌17'08	
min. Earth dist.	-4035 Aug 22 j 16:41	0°♌36'57	0.66541 AU
	-4035 Aug 23 j 04:24	30°℞♋	
inferior conj	-4035 Aug 23 j 22:52	29°♋01'19	-2°-3'-31
minimum elong	-4035 Aug 24 j 01:40	28°♋52'27	2°02'21
morning rise	-4035 Aug 29 j 17:45	23°♋04'57	
asc. node	-4035 Aug 30 j 07:11	22°♋46'05	
direct	-4035 Sep 01 j 22:34	22°♋05'48	
morning max el	-4035 Sep 08 j 23:37	26°♋05'41	19°10'46
	-4035 Sep 12 j 08:31	0°♌	
morning set	-4035 Oct 01 j 18:11	29°♌11'02	
	-4035 Oct 02 j 06:40	0°♍	
desc. node	-4035 Oct 11 j 19:03	14°♍56'46	
max. Earth dist.	-4035 Oct 16 j 06:44	22°♍00'56	1.44643 AU
superior conj	-4035 Oct 18 j 08:50	25°♍19'07	0°-40'-53
minimum elong	-4035 Oct 18 j 03:47	24°♍59'06	0°40'14
	-4035 Oct 21 j 07:33	0°♎	
evening rise	-4035 Nov 02 j 10:49	19°♎37'20	
	-4035 Nov 08 j 18:36	0°♏	
evening max el	-4035 Nov 22 j 09:05	19°♏41'02	18°36'20
asc. node	-4035 Nov 26 j 06:02	22°♏41'53	
retrograde	-4035 Nov 29 j 01:04	23°♏24'13	
evening set	-4035 Dec 02 j 00:10	22°♏35'06	
inferior conj	-4035 Dec 07 j 23:25	16°♏55'55	3°19'37
minimum elong	-4035 Dec 07 j 20:17	17°♏05'10	3°18'47
min. Earth dist.	-4035 Dec 09 j 20:57	14°♏41'19	0.64676 AU
morning rise	-4035 Dec 13 j 15:14	10°♏50'09	
direct	-4035 Dec 20 j 10:06	8°♏00'01	
morning max el	-4034 Jan 02 j 17:40	15°♏39'01	27°11'04
desc. node	-4034 Jan 07 j 18:49	21°♏10'29	
	-4034 Jan 14 j 15:02	0°♐	
	-4034 Feb 02 j 07:21	0°♑	
morning set	-4034 Feb 07 j 03:12	9°♑05'45	
max. Earth dist.	-4034 Feb 11 j 21:21	18°♑35'43	1.34042 AU
superior conj	-4034 Feb 15 j 07:17	25°♑41'32	-1°-6'-30
minimum elong	-4034 Feb 15 j 10:02	25°♑55'59	1°06'13
	-4034 Feb 17 j 08:12	0°♒	
asc. node	-4034 Feb 22 j 05:16	10°♒19'37	
evening rise	-4034 Feb 22 j 16:24	11°♒17'47	
	-4034 Mar 04 j 11:26	0°♓	
evening max el	-4034 Mar 15 j 10:49	14°♓32'01	21°54'43
retrograde	-4034 Mar 27 j 21:50	20°♓33'48	
evening set	-4034 Mar 30 j 15:54	20°♓16'55	
desc. node	-4034 Apr 05 j 17:46	17°♓59'09	
inferior conj	-4034 Apr 08 j 23:48	16°♓12'25	0°-53'-49
minimum elong	-4034 Apr 08 j 21:18	16°♓15'54	0°53'02
min. Earth dist.	-4034 Apr 08 j 16:24	16°♓22'48	0.55210 AU
morning rise	-4034 Apr 18 j 03:45	12°♓13'12	
direct	-4034 Apr 20 j 22:05	11°♓56'11	
morning max el	-4034 May 02 j 23:56	17°♓38'46	21°34'36
	-4034 May 12 j 16:42	0°♈	
asc. node	-4034 May 21 j 04:55	15°♈30'53	
morning set	-4034 May 23 j 08:49	19°♈55'32	
	-4034 May 28 j 04:20	0°♉	
superior conj	-4034 May 30 j 19:17	5°♉29'23	1°25'02
minimum elong	-4034 May 30 j 16:35	5°♉15'24	1°24'47
max. Earth dist.	-4034 Jun 03 j 11:47	13°♉03'16	1.35014 AU
evening rise	-4034 Jun 08 j 02:21	22°♉07'03	
	-4034 Jun 12 j 07:55	0°♊	
	-4034 Jul 01 j 05:26	0°♋	
desc. node	-4034 Jul 02 j 16:31	1°♋57'55	
evening max el	-4034 Jul 13 j 06:44	14°♋17'02	26°50'19
retrograde	-4034 Jul 26 j 08:32	21°♋36'26	
evening set	-4034 Aug 02 j 02:30	18°♋49'47	
min. Earth dist.	-4034 Aug 06 j 01:02	14°♋48'35	0.65579 AU
inferior conj	-4034 Aug 07 j 20:14	12°♋41'12	-2°-51'-17
minimum elong	-4034 Aug 07 j 23:49	12°♋30'38	2°50'01
morning rise	-4034 Aug 13 j 22:15	6°♋58'19	
direct	-4034 Aug 16 j 19:38	6°♋11'51	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4034 Aug 17 j 04:15	6°♋12'34	
morning max el	-4034 Aug 23 j 10:57	9°♋51'11	18°28'38
	-4034 Sep 06 j 11:28	0°♌	
morning set	-4034 Sep 12 j 02:53	9°♌11'01	
	-4034 Sep 25 j 01:51	0°♍	
superior conj	-4034 Sep 27 j 08:19	3°♍35'29	0°08'23
minimum elong	-4034 Sep 27 j 09:25	3°♍39'50	0°08'20
behind sun begin	-4034 Sep 26 j 23:36	3°♍01'05	
behind sun end	-4034 Sep 27 j 19:13	4°♍18'33	
desc. node	-4034 Sep 28 j 16:00	5°♍40'34	
max. Earth dist.	-4034 Sep 29 j 01:06	6°♍16'27	1.44808 AU
evening rise	-4034 Oct 13 j 19:35	29°♍30'38	
	-4034 Oct 14 j 03:02	0°♎	
greatest brilliancy	-4034 Oct 26 j 07:35	19°♎02'44	-0.7m
	-4034 Nov 03 j 01:26	0°♏	
evening max el	-4034 Nov 05 j 18:36	3°♏07'04	19°16'34
retrograde	-4034 Nov 12 j 20:42	7°♏11'47	
asc. node	-4034 Nov 13 j 03:08	7°♏11'23	
evening set	-4034 Nov 16 j 02:26	6°♏10'44	
inferior conj	-4034 Nov 21 j 19:28	0°♏16'15	2°40'40
minimum elong	-4034 Nov 21 j 16:25	0°♏25'58	2°39'39
	-4034 Nov 22 j 00:34	30°℞♎	
min. Earth dist.	-4034 Nov 23 j 03:05	28°♎35'36	0.65865 AU
morning rise	-4034 Nov 27 j 05:34	24°♎03'48	
direct	-4034 Dec 03 j 12:34	21°♎20'14	
morning max el	-4034 Dec 16 j 03:25	28°♎44'21	26°13'57
	-4034 Dec 17 j 08:55	0°♏	
desc. node	-4034 Dec 25 j 15:50	9°♏53'05	
	-4033 Jan 08 j 10:04	0°♐	
morning set	-4033 Jan 21 j 05:58	22°♐11'50	
	-4033 Jan 25 j 08:05	0°♑	
max. Earth dist.	-4033 Jan 25 j 08:37	0°♑02'40	1.35371 AU
superior conj	-4033 Jan 30 j 05:21	9°♑45'52	-1°-27'-31
minimum elong	-4033 Jan 30 j 08:30	10°♑01'54	1°27'19
evening rise	-4033 Feb 07 j 00:05	25°♑50'02	
asc. node	-4033 Feb 09 j 02:16	0°♒04'46	
	-4033 Feb 09 j 01:19	0°♒	
evening max el	-4033 Feb 25 j 14:53	25°♒46'30	20°32'08
	-4033 Mar 03 j 19:33	0°♓	
retrograde	-4033 Mar 08 j 12:00	0°♓56'58	
evening set	-4033 Mar 10 j 20:01	0°♓43'39	
	-4033 Mar 13 j 10:24	30°℞♒	
inferior conj	-4033 Mar 19 j 19:51	26°♒45'36	1°02'20
minimum elong	-4033 Mar 19 j 22:35	26°♒41'36	1°01'19
min. Earth dist.	-4033 Mar 21 j 06:31	25°♒55'01	0.55388 AU
desc. node	-4033 Mar 23 j 14:53	24°♒36'32	
morning rise	-4033 Mar 28 j 23:13	22°♒27'32	
direct	-4033 Apr 01 j 10:48	22°♒01'07	
morning max el	-4033 Apr 14 j 20:31	28°♒34'22	23°10'25
	-4033 Apr 16 j 07:04	0°♓	
	-4033 May 05 j 11:00	0°♈	
morning set	-4033 May 07 j 20:05	4°♈53'41	
asc. node	-4033 May 08 j 01:53	5°♈24'05	
superior conj	-4033 May 15 j 00:31	20°♈12'28	1°06'28
minimum elong	-4033 May 14 j 22:02	19°♈59'11	1°06'06
max. Earth dist.	-4033 May 17 j 10:44	25°♈20'42	1.33871 AU
	-4033 May 19 j 16:29	0°♉	
evening rise	-4033 May 22 j 17:16	6°♉07'31	
	-4033 Jun 04 j 22:48	0°♊	
desc. node	-4033 Jun 19 j 13:37	20°♊48'06	
evening max el	-4033 Jun 25 j 17:38	27°♊30'59	27°20'59
	-4033 Jun 28 j 12:13	0°♋	
retrograde	-4033 Jul 09 j 06:37	4°♋55'31	
evening set	-4033 Jul 16 j 08:42	2°♋11'07	
	-4033 Jul 18 j 20:00	30°℞♊	
min. Earth dist.	-4033 Jul 20 j 01:00	28°♊46'14	0.64235 AU
inferior conj	-4033 Jul 22 j 10:09	26°♊12'30	-3°-32'-39
minimum elong	-4033 Jul 22 j 13:53	26°♊02'24	3°31'38
morning rise	-4033 Jul 28 j 20:47	20°♊46'11	
direct	-4033 Jul 31 j 12:59	20°♊09'25	
asc. node	-4033 Aug 04 j 01:19	21°♊12'28	
morning max el	-4033 Aug 07 j 01:18	23°♊36'51	18°03'33
	-4033 Aug 12 j 03:31	0°♋	
morning set	-4033 Aug 24 j 14:25	20°♋27'19	
	-4033 Aug 30 j 05:48	0°♌	
superior conj	-4033 Sep 06 j 19:48	12°♌30'19	0°53'38
minimum elong	-4033 Sep 07 j 01:14	12°♌52'21	0°53'06
max. Earth dist.	-4033 Sep 11 j 18:01	20°♌25'13	1.44249 AU
desc. node	-4033 Sep 15 j 12:58	26°♌25'00	
	-4033 Sep 17 j 19:48	0°♍	
evening rise	-4033 Sep 23 j 06:41	8°♍28'40	
	-4033 Oct 07 j 10:44	0°♎	
greatest brilliancy	-4033 Oct 13 j 03:26	8°♎09'15	-0.6m
evening max el	-4033 Oct 19 j 23:20	16°♎33'28	20°12'21
retrograde	-4033 Oct 27 j 17:57	21°♎07'27	
evening set	-4033 Oct 31 j 08:32	19°♎51'49	
asc. node	-4033 Oct 31 j 00:14	20°♎05'42	
inferior conj	-4033 Nov 05 j 21:06	13°♎45'38	1°54'57
minimum elong	-4033 Nov 05 j 18:41	13°♎53'45	1°54'01
min. Earth dist.	-4033 Nov 06 j 16:22	12°♎41'09	0.66701 AU
morning rise	-4033 Nov 11 j 04:14	7°♎29'11	
direct	-4033 Nov 16 j 20:38	5°♎01'00	
morning max el	-4033 Nov 28 j 12:16	11°♎56'54	24°57'51
desc. node	-4033 Dec 12 j 12:49	29°♎16'26	
	-4033 Dec 13 j 01:13	0°♏	
	-4032 Jan 01 j 03:28	0°♐	
morning set	-4032 Jan 03 j 14:37	4°♐19'24	
max. Earth dist.	-4032 Jan 07 j 09:01	11°♐08'58	1.37116 AU
superior conj	-4032 Jan 13 j 17:50	23°♐17'00	-1°-44'-3
minimum elong	-4032 Jan 13 j 20:34	23°♐30'24	1°44'02
	-4032 Jan 17 j 03:08	0°♑	
evening rise	-4032 Jan 22 j 02:49	10°♑01'24	
asc. node	-4032 Jan 26 j 23:18	19°♑30'19	
	-4032 Feb 02 j 02:14	0°♒	
evening max el	-4032 Feb 08 j 05:41	7°♒37'43	19°26'35
retrograde	-4032 Feb 17 j 11:09	12°♒00'49	
evening set	-4032 Feb 19 j 19:03	11°♒45'18	
inferior conj	-4032 Feb 28 j 03:20	7°♒38'23	2°38'12
minimum elong	-4032 Feb 28 j 08:21	7°♒30'09	2°36'45
min. Earth dist.	-4032 Mar 01 j 21:30	5°♒50'38	0.56447 AU
morning rise	-4032 Mar 07 j 17:58	2°♒50'51	
desc. node	-4032 Mar 09 j 12:00	2°♒20'51	
direct	-4032 Mar 12 j 09:44	2°♒01'21	
morning max el	-4032 Mar 26 j 11:52	9°♒10'52	24°48'49
	-4032 Apr 10 j 22:59	0°♓	
morning set	-4032 Apr 21 j 08:22	19°♓56'38	
asc. node	-4032 Apr 23 j 22:54	25°♓29'16	
	-4032 Apr 26 j 00:58	0°♈	
superior conj	-4032 Apr 28 j 09:50	5°♈08'44	0°44'54
minimum elong	-4032 Apr 28 j 07:58	4°♈58'40	0°44'33
max. Earth dist.	-4032 Apr 29 j 17:58	8°♈02'36	1.33100 AU
evening rise	-4032 May 05 j 17:17	20°♈36'39	
	-4032 May 10 j 11:42	0°♉	
	-4032 May 29 j 02:13	0°♊	
desc. node	-4032 Jun 05 j 10:42	8°♊40'55	
evening max el	-4032 Jun 07 j 02:25	10°♊19'45	27°21'42
retrograde	-4032 Jun 20 j 22:38	17°♊43'33	
evening set	-4032 Jun 28 j 01:17	15°♊15'20	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4032 Jul 01 j 15:23	12°♊18'40	0.62536 AU
inferior conj	-4032 Jul 04 j 13:47	9°♊29'34	-4°-3'-43
minimum elong	-4032 Jul 04 j 16:40	9°♊22'36	4°03'11
morning rise	-4032 Jul 11 j 10:27	4°♊22'29	
direct	-4032 Jul 13 j 23:34	3°♊52'52	
morning max el	-4032 Jul 20 j 16:01	7°♊17'13	17°56'27
asc. node	-4032 Jul 20 j 22:25	7°♊33'10	
	-4032 Aug 04 j 10:47	0°♋	
morning set	-4032 Aug 06 j 00:23	2°♋47'52	
superior conj	-4032 Aug 17 j 09:14	22°♋42'15	1°25'59
minimum elong	-4032 Aug 17 j 14:27	23°♋04'26	1°25'41
	-4032 Aug 21 j 17:47	0°♌	
max. Earth dist.	-4032 Aug 24 j 07:02	4°♌11'08	1.43053 AU
evening rise	-4032 Sep 01 j 10:50	17°♌10'30	
desc. node	-4032 Sep 01 j 09:56	17°♌07'01	
	-4032 Sep 09 j 19:50	0°♍	
greatest brilliancy	-4032 Sep 26 j 17:26	23°♍58'04	-0.4m
	-4032 Oct 01 j 22:25	0°♎	
evening max el	-4032 Oct 01 j 22:06	29°♍59'12	21°21'00
retrograde	-4032 Oct 10 j 14:40	5°♎08'21	
evening set	-4032 Oct 14 j 16:25	3°♎35'30	
asc. node	-4032 Oct 16 j 21:23	1°♎28'33	
	-4032 Oct 18 j 02:41	30°℞♍	
inferior conj	-4032 Oct 20 j 02:07	27°♍21'05	1°04'48
minimum elong	-4032 Oct 20 j 00:40	27°♍26'05	1°04'12
min. Earth dist.	-4032 Oct 20 j 10:20	26°♍52'52	0.67213 AU
morning rise	-4032 Oct 25 j 08:34	21°♍03'35	
direct	-4032 Oct 30 j 09:40	18°♍55'41	
morning max el	-4032 Nov 09 j 21:19	25°♍11'31	23°32'28
	-4032 Nov 14 j 05:28	0°♎	
desc. node	-4032 Nov 28 j 09:48	19°♎08'21	
	-4032 Dec 05 j 14:03	0°♏	
morning set	-4032 Dec 14 j 22:49	15°♏11'06	
max. Earth dist.	-4032 Dec 19 j 04:34	22°♏28'15	1.39144 AU
	-4032 Dec 23 j 09:51	0°♐	
superior conj	-4032 Dec 26 j 16:40	6°♐03'16	-1°-53'-34
minimum elong	-4032 Dec 26 j 17:47	6°♐08'27	1°53'42
evening rise	-4031 Jan 04 j 21:59	23°♐44'27	
	-4031 Jan 08 j 04:12	0°♑	
asc. node	-4031 Jan 12 j 20:22	8°♑28'44	
evening max el	-4031 Jan 21 j 06:00	20°♑02'00	18°40'27
retrograde	-4031 Jan 29 j 03:34	23°♑51'43	
evening set	-4031 Jan 31 j 14:19	23°♑31'02	
inferior conj	-4031 Feb 08 j 05:55	19°♑05'29	3°37'30
minimum elong	-4031 Feb 08 j 09:31	18°♑58'37	3°36'47
min. Earth dist.	-4031 Feb 11 j 14:12	16°♑34'15	0.58146 AU
morning rise	-4031 Feb 16 j 01:04	13°♑50'35	
direct	-4031 Feb 21 j 21:46	12°♑25'23	
desc. node	-4031 Feb 24 j 09:07	12°♑40'28	
morning max el	-4031 Mar 08 j 03:54	19°♑54'03	26°15'22
	-4031 Mar 16 j 18:52	0°♒	
	-4031 Apr 03 j 10:14	0°♓	
morning set	-4031 Apr 05 j 19:54	4°♓57'02	
asc. node	-4031 Apr 10 j 19:54	15°♓40'44	
superior conj	-4031 Apr 12 j 21:11	20°♓10'03	0°21'18
minimum elong	-4031 Apr 12 j 20:15	20°♓04'58	0°21'04
max. Earth dist.	-4031 Apr 13 j 06:13	20°♓59'30	1.32673 AU
	-4031 Apr 17 j 09:59	0°♈	
evening rise	-4031 Apr 19 j 23:19	5°♈23'12	
	-4031 May 03 j 04:09	0°♉	
evening max el	-4031 May 20 j 06:34	22°♉31'23	26°49'38
desc. node	-4031 May 23 j 07:49	25°♉11'46	
retrograde	-4031 Jun 03 j 07:05	29°♉51'33	
evening set	-4031 Jun 10 j 00:00	27°♉53'07	

min. Earth dist.	-4031 Jun 13 j 20:06	25°♉11'01	0.60571 AU
inferior conj	-4031 Jun 17 j 03:39	22°♉23'43	-4°-18'-31
minimum elong	-4031 Jun 17 j 04:18	22°♉22'21	4°18'23
morning rise	-4031 Jun 24 j 11:45	17°♉38'07	
direct	-4031 Jun 26 j 23:33	17°♉13'52	
morning max el	-4031 Jul 04 j 04:18	20°♉44'59	18°08'28
asc. node	-4031 Jul 07 j 19:30	24°♉58'43	
	-4031 Jul 11 j 04:23	0°♊	
morning set	-4031 Jul 20 j 03:20	15°♊58'35	
	-4031 Jul 27 j 17:05	0°♋	
superior conj	-4031 Jul 30 j 01:35	4°♋14'41	1°43'48
minimum elong	-4031 Jul 30 j 04:17	4°♋26'44	1°43'51
max. Earth dist.	-4031 Aug 06 j 14:56	17°♋21'41	1.41379 AU
evening rise	-4031 Aug 12 j 04:06	26°♋30'45	
	-4031 Aug 14 j 08:20	0°♌	
desc. node	-4031 Aug 19 j 06:55	7°♌43'20	
	-4031 Sep 03 j 14:33	0°♍	
greatest brilliancy	-4031 Sep 09 j 19:58	8°♍02'45	-0.3m
evening max el	-4031 Sep 14 j 14:56	13°♍24'54	22°38'28
retrograde	-4031 Sep 24 j 09:14	19°♍12'26	
evening set	-4031 Sep 29 j 00:15	17°♍20'16	
asc. node	-4031 Oct 03 j 18:31	11°♍49'42	
inferior conj	-4031 Oct 04 j 08:39	11°♍01'00	0°12'06
minimum elong	-4031 Oct 04 j 08:22	11°♍01'59	0°12'02
transit middle	-4031 Oct 04 j 08:22	11°♍01'59	0°12'02
transit begin	-4031 Oct 04 j 06:32	11°♍08'18	
transit end	-4031 Oct 04 j 10:11	10°♍55'41	
min. Earth dist.	-4031 Oct 04 j 06:30	11°♍08'27	0.67421 AU
morning rise	-4031 Oct 09 j 16:23	4°♍45'30	
direct	-4031 Oct 14 j 02:45	2°♍59'22	
morning max el	-4031 Oct 23 j 09:47	8°♍30'39	22°07'03
greatest brilliancy	-4031 Oct 28 j 04:20	13°♍55'30	-0.4m
	-4031 Nov 08 j 23:33	0°♎	
desc. node	-4031 Nov 15 j 06:45	9°♎20'40	
morning set	-4031 Nov 25 j 02:23	24°♎38'58	
	-4031 Nov 28 j 09:25	0°♏	
max. Earth dist.	-4031 Dec 01 j 03:34	4°♏34'14	1.41191 AU
superior conj	-4031 Dec 08 j 20:41	17°♏51'30	-1°-52'-43
minimum elong	-4031 Dec 08 j 18:44	17°♏42'51	1°52'48
	-4031 Dec 15 j 13:34	0°♐	
evening rise	-4031 Dec 19 j 06:28	6°♐52'22	
asc. node	-4031 Dec 30 j 17:26	26°♐51'24	
	-4030 Jan 02 j 00:16	0°♑	
evening max el	-4030 Jan 04 j 13:17	2°♑52'10	18°14'24
retrograde	-4030 Jan 11 j 14:20	6°♑24'22	
evening set	-4030 Jan 14 j 03:44	5°♑57'16	
inferior conj	-4030 Jan 21 j 04:44	1°♑09'33	4°01'36
minimum elong	-4030 Jan 21 j 05:31	1°♑07'49	4°01'23
	-4030 Jan 22 j 12:04	30°℞♐	
min. Earth dist.	-4030 Jan 24 j 11:38	28°♐16'46	0.60133 AU
morning rise	-4030 Jan 28 j 04:25	25°♐34'00	
direct	-4030 Feb 03 j 21:08	23°♐30'37	
desc. node	-4030 Feb 11 j 06:13	25°♐46'29	
	-4030 Feb 16 j 20:16	0°♑	
morning max el	-4030 Feb 18 j 01:23	1°♑08'46	27°15'56
	-4030 Mar 10 j 20:41	0°♒	
morning set	-4030 Mar 21 j 04:56	19°♒48'30	
	-4030 Mar 25 j 23:57	0°♓	
superior conj	-4030 Mar 28 j 08:53	5°♓10'25	0°-3'-29
minimum elong	-4030 Mar 28 j 09:02	5°♓11'18	0°03'33
behind sun begin	-4030 Mar 28 j 04:08	4°♓44'28	
behind sun end	-4030 Mar 28 j 13:57	5°♓38'08	
max. Earth dist.	-4030 Mar 27 j 19:43	3°♓58'28	1.32581 AU
asc. node	-4030 Mar 28 j 16:54	5°♓54'18	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-4030 Apr 04 j 09:03	20°♓18'50		
	-4030 Apr 09 j 03:45	0°♈		
	-4030 Apr 28 j 09:11	0°♉		
evening max el	-4030 May 02 j 04:19	4°♉00'08	25°46'47	
desc. node	-4030 May 10 j 04:57	9°♉48'02		
retrograde	-4030 May 16 j 06:17	11°♉14'20		
evening set	-4030 May 22 j 01:27	9°♉53'39		
min. Earth dist.	-4030 May 26 j 16:44	7°♉09'17	0.58538 AU	
inferior conj	-4030 May 30 j 00:04	4°♉45'01	-4°-8'-22	
minimum elong	-4030 May 29 j 21:17	4°♉50'06	4°08'01	
morning rise	-4030 Jun 06 j 21:03	0°♉21'35		
direct	-4030 Jun 09 j 08:28	0°♉01'37		
morning max el	-4030 Jun 17 j 11:16	3°♉51'47	18°40'25	
asc. node	-4030 Jun 24 j 16:32	13°♉14'37		
morning set	-4030 Jul 03 j 18:36	29°♉47'20		
	-4030 Jul 03 j 21:13	0°♊		
superior conj	-4030 Jul 12 j 15:51	16°♊53'57	1°49'12	
minimum elong	-4030 Jul 12 j 15:58	16°♊54'28	1°49'23	
	-4030 Jul 19 j 20:26	0°♋		
max. Earth dist.	-4030 Jul 19 j 18:00	29°♊49'17	1.39452 AU	
evening rise	-4030 Jul 23 j 22:12	7°♋02'21		
desc. node	-4030 Aug 06 j 03:55	28°♋09'34		
	-4030 Aug 07 j 09:31	0°♌		
evening max el	-4030 Aug 28 j 03:20	26°♌51'37	23°59'13	
	-4030 Aug 31 j 15:04	0°♍		
retrograde	-4030 Sep 08 j 00:32	3°♍16'15		
evening set	-4030 Sep 13 j 06:15	1°♍04'13		
	-4030 Sep 14 j 09:28	30°℞♌		
min. Earth dist.	-4030 Sep 18 j 02:25	25°♌25'56	0.67331 AU	
inferior conj	-4030 Sep 18 j 14:55	24°♌43'29	0°-41'-28	
minimum elong	-4030 Sep 18 j 15:54	24°♌40'11	0°40'58	
asc. node	-4030 Sep 20 j 15:39	22°♌02'39		
morning rise	-4030 Sep 24 j 01:43	18°♌33'00		
direct	-4030 Sep 27 j 22:52	17°♌07'28		
morning max el	-4030 Oct 06 j 04:33	21°♌57'25	20°48'41	
greatest brilliancy	-4030 Oct 12 j 02:59	28°♌59'10	-0.5m	
	-4030 Oct 12 j 21:25	0°♍		
desc. node	-4030 Nov 02 j 03:40	29°♍46'48		
	-4030 Nov 02 j 07:05	0°♎		
morning set	-4030 Nov 04 j 06:09	3°♎02'30		
max. Earth dist.	-4030 Nov 13 j 09:37	17°♎33'30	1.42959 AU	
superior conj	-4030 Nov 20 j 00:00	28°♎26'45	-1°-37'-41	
minimum elong	-4030 Nov 19 j 18:23	28°♎03'10	1°37'21	
	-4030 Nov 20 j 22:09	0°♏		
evening rise	-4030 Dec 02 j 00:16	19°♏16'06		
	-4030 Dec 08 j 02:21	0°♐		
asc. node	-4030 Dec 17 j 14:31	14°♐26'59		
evening max el	-4030 Dec 19 j 00:36	15°♐59'35	18°08'10	
retrograde	-4030 Dec 25 j 15:36	19°♐27'52		
evening set	-4030 Dec 28 j 07:46	18°♐53'28		
inferior conj	-4029 Jan 03 j 20:53	13°♐44'07	3°58'58	
minimum elong	-4029 Jan 03 j 19:21	13°♐48'01	3°58'41	
min. Earth dist.	-4029 Jan 06 j 17:14	10°♐52'47	0.62091 AU	
morning rise	-4029 Jan 10 j 04:47	7°♐53'44		
direct	-4029 Jan 17 j 05:49	5°♐20'34		
desc. node	-4029 Jan 29 j 03:17	11°♐08'03		
morning max el	-4029 Jan 31 j 05:12	13°♐04'17	27°41'56	
	-4029 Feb 13 j 19:22	0°♑		
	-4029 Mar 03 j 04:45	0°♒		
morning set	-4029 Mar 05 j 09:23	4°♒23'49		
max. Earth dist.	-4029 Mar 11 j 06:34	16°♒45'27	1.32831 AU	
superior conj	-4029 Mar 12 j 19:17	20°♒04'04	0°-28'-35	
minimum elong	-4029 Mar 12 j 20:34	20°♒11'01	0°28'28	
asc. node	-4029 Mar 15 j 13:53	26°♒05'56		
	-4029 Mar 17 j 09:08	0°♓		
evening rise	-4029 Mar 19 j 20:30	5°♓16'34		
	-4029 Apr 02 j 03:25	0°♈		
evening max el	-4029 Apr 13 j 20:57	14°♈54'38	24°21'42	
desc. node	-4029 Apr 27 j 02:04	21°♈53'31		
retrograde	-4029 Apr 27 j 18:27	21°♈54'35		
evening set	-4029 May 02 j 06:33	21°♈09'00		
min. Earth dist.	-4029 May 08 j 08:45	18°♈07'13	0.56738 AU	
inferior conj	-4029 May 11 j 00:33	16°♈26'01	-3°-23'-3	
minimum elong	-4029 May 10 j 18:54	16°♈35'02	3°21'48	
morning rise	-4029 May 19 j 11:22	12°♈21'07		
direct	-4029 May 21 j 22:35	12°♈04'35		
morning max el	-4029 May 31 j 10:12	16°♈28'47	19°32'47	
	-4029 Jun 10 j 08:20	0°♉		
asc. node	-4029 Jun 11 j 13:32	2°♉09'09		
morning set	-4029 Jun 17 j 18:41	14°♉05'12		
superior conj	-4029 Jun 25 j 22:21	0°♊24'21	1°45'04	
minimum elong	-4029 Jun 25 j 20:42	0°♊16'12	1°45'08	
	-4029 Jun 25 j 17:24	0°♊		
max. Earth dist.	-4029 Jul 01 j 20:08	11°♊43'22	1.37533 AU	
evening rise	-4029 Jul 05 j 17:53	18°♊50'12		
	-4029 Jul 12 j 05:40	0°♋		
desc. node	-4029 Jul 24 j 00:57	18°♋20'40		
	-4029 Aug 01 j 13:22	0°♌		
evening max el	-4029 Aug 10 j 13:58	10°♌21'38	25°16'07	
retrograde	-4029 Aug 22 j 11:51	17°♌16'18		
evening set	-4029 Aug 28 j 08:39	14°♌46'24		
min. Earth dist.	-4029 Sep 01 j 19:48	9°♌44'19	0.66927 AU	
inferior conj	-4029 Sep 02 j 19:16	8°♌27'35	-1°-34'-14	
minimum elong	-4029 Sep 02 j 21:27	8°♌20'27	1°33'14	
asc. node	-4029 Sep 07 j 12:45	3°♌06'09		
morning rise	-4029 Sep 08 j 10:45	2°♌25'09		
direct	-4029 Sep 11 j 20:47	1°♌17'27		
morning max el	-4029 Sep 19 j 06:36	5°♌33'27	19°42'14	
greatest brilliancy	-4029 Sep 27 j 14:16	16°♌06'42	-0.6m	
	-4029 Oct 06 j 21:13	0°♍		
morning set	-4029 Oct 14 j 05:33	11°♍20'49		
desc. node	-4029 Oct 20 j 00:36	20°♍22'41		
	-4029 Oct 26 j 03:15	0°♎		
max. Earth dist.	-4029 Oct 26 j 22:07	1°♎14'48	1.44214 AU	
superior conj	-4029 Oct 30 j 23:46	7°♎45'01	-1°-5'-58	
minimum elong	-4029 Oct 30 j 16:56	7°♎17'34	1°05'13	
	-4029 Nov 13 j 11:45	0°♏		
evening rise	-4029 Nov 13 j 22:53	0°♏46'58		
evening max el	-4029 Dec 02 j 13:15	29°♏18'08	18°20'55	
	-4029 Dec 03 j 06:23	0°♐		
asc. node	-4029 Dec 04 j 11:36	1°♐02'15		
retrograde	-4029 Dec 09 j 02:49	2°♐53'16		
evening set	-4029 Dec 11 j 22:51	2°♐10'13		
	-4029 Dec 14 j 22:42	30°℞♏		
inferior conj	-4029 Dec 18 j 02:33	26°♏41'20	3°37'48	
minimum elong	-4029 Dec 17 j 23:43	26°♏49'18	3°37'10	
min. Earth dist.	-4029 Dec 20 j 08:40	24°♏09'37	0.63822 AU	
morning rise	-4029 Dec 23 j 23:05	20°♏40'13		
direct	-4029 Dec 30 j 22:27	17°♏51'40		
morning max el	-4028 Jan 13 j 13:17	25°♏35'34	27°31'47	
desc. node	-4028 Jan 16 j 00:18	28°♏09'18		
	-4028 Jan 17 j 15:42	0°♐		
	-4028 Feb 07 j 06:15	0°♑		
morning set	-4028 Feb 17 j 06:39	18°♑33'28		
max. Earth dist.	-4028 Feb 22 j 10:35	29°♑05'45	1.33468 AU	
	-4028 Feb 22 j 20:56	0°♒		
superior conj	-4028 Feb 25 j 02:36	4°♒44'19	0°-53'-6	
minimum elong	-4028 Feb 25 j 04:54	4°♒56'32	0°52'51	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4028 Mar 01 j 10:51	16°♒11'05	
evening rise	-4028 Mar 03 j 07:54	20°♒09'16	
	-4028 Mar 08 j 04:32	0°♓	
evening max el	-4028 Mar 25 j 13:32	25°♓37'30	22°47'40
	-4028 Mar 31 j 07:33	0°♈	
retrograde	-4028 Apr 07 j 18:03	2°♈05'40	
evening set	-4028 Apr 10 j 23:53	1°♈42'37	
desc. node	-4028 Apr 12 j 23:12	1°♈07'37	
	-4028 Apr 15 j 14:44	30°℞♓	
min. Earth dist.	-4028 Apr 18 j 23:16	28°♓11'33	0.55526 AU
inferior conj	-4028 Apr 20 j 06:28	27°♓26'34	-1°-57'-31
minimum elong	-4028 Apr 20 j 01:32	27°♓33'42	1°56'01
morning rise	-4028 Apr 29 j 05:44	23°♓29'32	
direct	-4028 May 01 j 19:11	23°♓14'06	
morning max el	-4028 May 12 j 22:48	28°♓26'33	20°44'58
	-4028 May 14 j 12:24	0°♈	
asc. node	-4028 May 28 j 10:31	21°♈32'08	
morning set	-4028 Jun 01 j 00:47	28°♈43'45	
	-4028 Jun 01 j 15:40	0°♉	
superior conj	-4028 Jun 08 j 16:19	14°♉30'59	1°33'54
minimum elong	-4028 Jun 08 j 13:48	14°♉18'03	1°33'45
max. Earth dist.	-4028 Jun 13 j 03:43	23°♉29'25	1.35841 AU
	-4028 Jun 16 j 12:51	0°♊	
evening rise	-4028 Jun 17 j 10:26	1°♊41'23	
	-4028 Jul 04 j 06:24	0°♋	
desc. node	-4028 Jul 09 j 22:01	8°♋08'46	
evening max el	-4028 Jul 23 j 00:54	23°♋52'38	26°21'20
	-4028 Jul 31 j 05:49	0°♌	
retrograde	-4028 Aug 04 j 18:26	1°♌06'18	
	-4028 Aug 08 j 22:16	30°℞♋	
evening set	-4028 Aug 11 j 05:18	28°♋23'39	
min. Earth dist.	-4028 Aug 15 j 08:15	23°♋59'51	0.66176 AU
inferior conj	-4028 Aug 16 j 19:48	22°♋10'15	-2°-24'-24
minimum elong	-4028 Aug 16 j 22:59	22°♋00'26	2°23'09
morning rise	-4028 Aug 22 j 17:31	16°♋19'05	
asc. node	-4028 Aug 24 j 09:49	15°♋36'36	
direct	-4028 Aug 25 j 18:48	15°♋25'50	
morning max el	-4028 Sep 01 j 15:03	19°♋16'19	18°50'43
	-4028 Sep 09 j 19:55	0°♌	
morning set	-4028 Sep 22 j 22:51	20°♌35'28	
	-4028 Sep 28 j 21:07	0°♍	
desc. node	-4028 Oct 05 j 21:34	11°♍04'46	
max. Earth dist.	-4028 Oct 08 j 14:53	15°♍22'03	1.44801 AU
superior conj	-4028 Oct 09 j 02:50	16°♍09'08	0°-20'-19
minimum elong	-4028 Oct 09 j 00:10	15°♍58'39	0°19'55
	-4028 Oct 17 j 20:53	0°♎	
evening rise	-4028 Oct 24 j 22:01	11°♎16'44	
	-4028 Nov 05 j 15:12	0°♏	
evening max el	-4028 Nov 15 j 00:40	12°♏43'08	18°51'33
asc. node	-4028 Nov 20 j 08:40	16°♏22'13	
retrograde	-4028 Nov 21 j 20:11	16°♏34'26	
evening set	-4028 Nov 24 j 21:49	15°♏40'38	
inferior conj	-4028 Nov 30 j 18:13	9°♏54'51	3°04'07
minimum elong	-4028 Nov 30 j 15:03	10°♏04'35	3°03'10
min. Earth dist.	-4028 Dec 02 j 09:47	7°♏53'52	0.65224 AU
morning rise	-4028 Dec 06 j 07:13	3°♏45'59	
direct	-4028 Dec 12 j 21:40	0°♏56'53	
morning max el	-4028 Dec 25 j 22:49	8°♏31'26	26°49'42
desc. node	-4027 Jan 01 j 21:18	16°♏21'28	
	-4027 Jan 11 j 19:40	0°♐	
	-4027 Jan 29 j 14:43	0°♑	
morning set	-4027 Jan 30 j 17:25	2°♑06'44	
max. Earth dist.	-4027 Feb 04 j 04:22	10°♑51'08	1.34543 AU
superior conj	-4027 Feb 08 j 04:48	19°♑04'27	-1°-15'-50
minimum elong	-4027 Feb 08 j 07:47	19°♑19'59	1°15'34
	-4027 Feb 13 j 09:46	0°♒	
evening rise	-4027 Feb 15 j 17:29	4°♒51'02	
asc. node	-4027 Feb 16 j 07:52	6°♒05'20	
	-4027 Mar 01 j 20:14	0°♓	
evening max el	-4027 Mar 07 j 12:19	6°♓35'38	21°17'59
retrograde	-4027 Mar 19 j 08:09	12°♓15'29	
evening set	-4027 Mar 21 j 20:15	12°♓01'08	
desc. node	-4027 Mar 30 j 20:18	8°♓10'19	
inferior conj	-4027 Mar 31 j 02:12	8°♓01'59	0°-4'-4
minimum elong	-4027 Mar 31 j 02:00	8°♓02'16	0°04'06
transit middle	-4027 Mar 31 j 02:00	8°♓02'16	0°04'06
transit begin	-4027 Mar 30 j 22:02	8°♓07'52	
transit end	-4027 Mar 31 j 05:58	7°♓56'40	
min. Earth dist.	-4027 Mar 31 j 13:24	7°♓46'09	0.55171 AU
morning rise	-4027 Apr 09 j 07:22	3°♓56'30	
direct	-4027 Apr 12 j 07:36	3°♓36'39	
morning max el	-4027 Apr 25 j 00:30	9°♓42'18	22°14'04
	-4027 May 09 j 12:30	0°♈	
asc. node	-4027 May 15 j 07:32	11°♈16'19	
morning set	-4027 May 16 j 10:44	13°♈36'43	
superior conj	-4027 May 23 j 18:16	29°♈03'20	1°17'35
minimum elong	-4027 May 23 j 15:36	28°♈49'17	1°17'17
	-4027 May 24 j 05:03	0°♉	
max. Earth dist.	-4027 May 26 j 21:10	5°♉33'14	1.34492 AU
evening rise	-4027 May 31 j 18:33	15°♉20'52	
	-4027 Jun 08 j 17:20	0°♊	
desc. node	-4027 Jun 26 j 19:05	27°♊23'55	
	-4027 Jun 28 j 21:08	0°♋	
evening max el	-4027 Jul 05 j 12:27	7°♋17'04	27°06'41
retrograde	-4027 Jul 18 j 19:40	14°♋38'59	
evening set	-4027 Jul 25 j 17:40	11°♋52'10	
min. Earth dist.	-4027 Jul 29 j 13:24	8°♋06'39	0.65058 AU
inferior conj	-4027 Jul 31 j 14:20	5°♋47'27	-3°-9'-49
minimum elong	-4027 Jul 31 j 18:05	5°♋36'46	3°08'37
morning rise	-4027 Aug 06 j 19:50	0°♋10'55	
	-4027 Aug 07 j 05:14	30°℞♊	
direct	-4027 Aug 09 j 14:46	29°♊28'50	
asc. node	-4027 Aug 11 j 06:55	29°♊43'54	
	-4027 Aug 12 j 00:45	0°♋	
morning max el	-4027 Aug 16 j 03:54	3°♋02'08	18°15'42
	-4027 Sep 03 j 02:38	0°♌	
morning set	-4027 Sep 03 j 19:20	1°♌09'16	
superior conj	-4027 Sep 18 j 04:46	24°♌34'23	0°28'48
minimum elong	-4027 Sep 18 j 08:16	24°♌48'17	0°28'26
max. Earth dist.	-4027 Sep 21 j 09:08	29°♌37'25	1.44660 AU
	-4027 Sep 21 j 14:51	0°♍	
desc. node	-4027 Sep 22 j 18:32	1°♍49'16	
evening rise	-4027 Oct 04 j 20:31	20°♍43'49	
	-4027 Oct 10 j 19:43	0°♎	
greatest brilliancy	-4027 Oct 20 j 23:57	15°♎25'07	-0.7m
evening max el	-4027 Oct 29 j 08:28	26°♎10'05	19°38'38
	-4027 Nov 03 j 12:23	0°♏	
retrograde	-4027 Nov 05 j 16:41	0°♏25'54	
asc. node	-4027 Nov 07 j 05:48	0°♏12'03	
	-4027 Nov 07 j 19:19	30°℞♎	
evening set	-4027 Nov 09 j 01:59	29°♎18'53	
inferior conj	-4027 Nov 14 j 16:55	23°♎19'11	2°21'56
minimum elong	-4027 Nov 14 j 14:05	23°♎28'27	2°20'54
min. Earth dist.	-4027 Nov 15 j 19:06	21°♎53'53	0.66266 AU
morning rise	-4027 Nov 20 j 01:28	17°♎04'58	
direct	-4027 Nov 26 j 02:35	14°♎27'04	
morning max el	-4027 Dec 08 j 07:59	21°♎40'04	25°43'20
	-4027 Dec 15 j 15:23	0°♏	
desc. node	-4027 Dec 19 j 18:19	5°♏23'07	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4026 Jan 05 j 01:11	0°♐	
morning set	-4026 Jan 13 j 13:07	14°♐49'19	
max. Earth dist.	-4026 Jan 17 j 10:34	22°♐05'52	1.36069 AU
	-4026 Jan 21 j 11:58	0°♑	
superior conj	-4026 Jan 22 j 23:12	2°♑55'46	-1°-35'-14
minimum elong	-4026 Jan 23 j 02:17	3°♑11'17	1°35'05
evening rise	-4026 Jan 30 j 23:19	19°♑14'59	
asc. node	-4026 Feb 03 j 04:54	25°♑42'51	
	-4026 Feb 05 j 10:36	0°♒	
evening max el	-4026 Feb 17 j 20:55	18°♒05'00	20°01'58
retrograde	-4026 Feb 28 j 00:18	22°♒53'43	
evening set	-4026 Mar 02 j 07:49	22°♒39'49	
inferior conj	-4026 Mar 11 j 01:30	18°♒39'33	1°46'56
minimum elong	-4026 Mar 11 j 05:43	18°♒33'07	1°45'30
min. Earth dist.	-4026 Mar 13 j 03:26	17°♒23'53	0.55745 AU
desc. node	-4026 Mar 17 j 17:24	14°♒59'24	
morning rise	-4026 Mar 20 j 00:49	14°♒09'55	
direct	-4026 Mar 23 j 23:46	13°♒35'28	
morning max el	-4026 Apr 06 j 17:55	20°♒25'37	23°52'48
	-4026 Apr 14 j 20:37	0°♓	
morning set	-4026 Apr 30 j 22:41	28°♓37'50	
	-4026 May 01 j 14:19	0°♈	
asc. node	-4026 May 02 j 04:33	1°♈15'20	
superior conj	-4026 May 08 j 01:30	13°♈52'47	0°57'37
minimum elong	-4026 May 07 j 23:14	13°♈40'36	0°57'15
max. Earth dist.	-4026 May 10 j 00:16	18°♈03'06	1.33503 AU
evening rise	-4026 May 15 j 13:46	29°♈34'59	
	-4026 May 15 j 18:45	0°♉	
	-4026 Jun 01 j 19:26	0°♊	
desc. node	-4026 Jun 13 j 16:09	15°♊52'28	
evening max el	-4026 Jun 17 j 22:58	20°♊22'57	27°25'12
retrograde	-4026 Jul 01 j 15:03	27°♊46'42	
evening set	-4026 Jul 08 j 18:36	25°♊07'31	
min. Earth dist.	-4026 Jul 12 j 09:22	21°♊56'02	0.63559 AU
inferior conj	-4026 Jul 15 j 00:20	19°♊14'21	-3°-47'-22
minimum elong	-4026 Jul 15 j 03:52	19°♊05'15	3°46'33
morning rise	-4026 Jul 21 j 15:04	13°♊55'46	
direct	-4026 Jul 24 j 05:50	13°♊22'11	
asc. node	-4026 Jul 29 j 04:02	15°♊20'42	
morning max el	-4026 Jul 30 j 18:47	16°♊46'50	17°58'15
	-4026 Aug 09 j 04:42	0°♋	
morning set	-4026 Aug 16 j 17:12	12°♋55'49	
	-4026 Aug 26 j 16:41	0°♌	
superior conj	-4026 Aug 29 j 02:32	4°♌00'15	1°09'10
minimum elong	-4026 Aug 29 j 08:21	4°♌24'16	1°08'41
max. Earth dist.	-4026 Sep 04 j 01:25	13°♌41'36	1.43816 AU
desc. node	-4026 Sep 09 j 15:30	22°♌33'27	
evening rise	-4026 Sep 14 j 02:26	29°♌29'49	
	-4026 Sep 14 j 10:15	0°♍	
	-4026 Oct 04 j 15:29	0°♎	
greatest brilliancy	-4026 Oct 06 j 10:38	2°♎25'24	-0.5m
evening max el	-4026 Oct 12 j 10:47	9°♎36'44	20°40'07
retrograde	-4026 Oct 20 j 13:58	14°♎24'49	
evening set	-4026 Oct 24 j 09:08	13°♎01'56	
asc. node	-4026 Oct 25 j 02:56	12°♎26'18	
inferior conj	-4026 Oct 29 j 20:16	6°♎51'41	1°34'06
minimum elong	-4026 Oct 29 j 18:13	6°♎58'38	1°33'16
min. Earth dist.	-4026 Oct 30 j 10:36	6°♎03'02	0.66962 AU
morning rise	-4026 Nov 04 j 02:52	0°♎34'38	
	-4026 Nov 04 j 19:47	30°℞♍	
direct	-4026 Nov 09 j 12:43	28°♍14'58	
	-4026 Nov 14 j 19:10	0°♎	
morning max el	-4026 Nov 20 j 16:46	4°♎54'22	24°22'05
desc. node	-4026 Dec 06 j 15:21	25°♎00'03	
	-4026 Dec 10 j 01:34	0°♏	
morning set	-4026 Dec 26 j 12:04	26°♏26'09	
	-4026 Dec 28 j 12:47	0°♐	
max. Earth dist.	-4026 Dec 30 j 08:22	3°♐14'51	1.37965 AU
superior conj	-4025 Jan 06 j 06:24	16°♐09'02	-1°-49'-8
minimum elong	-4025 Jan 06 j 08:37	16°♐19'42	1°49'11
	-4025 Jan 13 j 07:45	0°♑	
evening rise	-4025 Jan 14 j 23:10	3°♑15'15	
asc. node	-4025 Jan 21 j 01:57	14°♑57'46	
	-4025 Jan 31 j 11:41	0°♒	
evening max el	-4025 Jan 31 j 15:52	0°♒10'06	19°04'24
retrograde	-4025 Feb 09 j 06:32	4°♒17'27	
evening set	-4025 Feb 11 j 15:31	3°♒59'59	
	-4025 Feb 19 j 08:10	30°℞♑	
inferior conj	-4025 Feb 19 j 16:31	29°♑45'28	3°08'07
minimum elong	-4025 Feb 19 j 21:17	29°♑37'09	3°06'55
min. Earth dist.	-4025 Feb 22 j 18:39	27°♑37'09	0.57110 AU
morning rise	-4025 Feb 27 j 23:15	24°♑45'32	
desc. node	-4025 Mar 04 j 14:32	23°♑43'00	
direct	-4025 Mar 05 j 03:41	23°♑42'17	
	-4025 Mar 18 j 06:35	0°♒	
morning max el	-4025 Mar 19 j 08:53	1°♒01'20	25°28'13
	-4025 Apr 08 j 13:52	0°♓	
morning set	-4025 Apr 15 j 10:50	13°♓40'28	
asc. node	-4025 Apr 19 j 01:32	21°♓23'37	
superior conj	-4025 Apr 22 j 11:51	28°♓51'44	0°35'05
minimum elong	-4025 Apr 22 j 10:22	28°♓43'37	0°34'46
	-4025 Apr 23 j 00:23	0°♈	
max. Earth dist.	-4025 Apr 23 j 10:06	0°♈52'48	1.32870 AU
evening rise	-4025 Apr 29 j 16:36	14°♈12'12	
	-4025 May 07 j 20:36	0°♉	
	-4025 May 28 j 08:53	0°♊	
evening max el	-4025 May 31 j 05:52	2°♊56'32	27°12'06
desc. node	-4025 May 31 j 13:15	3°♊14'04	
retrograde	-4025 Jun 14 j 03:58	10°♊19'18	
evening set	-4025 Jun 21 j 04:08	8°♊01'54	
min. Earth dist.	-4025 Jun 24 j 19:18	5°♊13'50	0.61723 AU
inferior conj	-4025 Jun 27 j 22:34	2°♊22'48	-4°-12'-27
minimum elong	-4025 Jun 28 j 00:41	2°♊17'57	4°12'08
	-4025 Jun 30 j 16:19	30°℞♉	
morning rise	-4025 Jul 04 j 23:57	27°♉25'01	
direct	-4025 Jul 07 j 12:24	26°♉57'51	
	-4025 Jul 13 j 23:00	0°♊	
morning max el	-4025 Jul 14 j 08:54	0°♊23'25	17°59'15
asc. node	-4025 Jul 16 j 01:06	2°♊11'11	
morning set	-4025 Jul 30 j 11:02	25°♊39'36	
	-4025 Aug 01 j 20:15	0°♋	
superior conj	-4025 Aug 10 j 03:55	14°♋48'23	1°35'14
minimum elong	-4025 Aug 10 j 08:11	15°♋06'52	1°35'05
max. Earth dist.	-4025 Aug 17 j 12:27	27°♋14'39	1.42387 AU
	-4025 Aug 19 j 04:48	0°♌	
evening rise	-4025 Aug 24 j 09:56	8°♌21'56	
desc. node	-4025 Aug 27 j 12:28	13°♌13'40	
	-4025 Sep 07 j 15:48	0°♍	
greatest brilliancy	-4025 Sep 20 j 10:37	17°♍31'13	-0.4m
evening max el	-4025 Sep 25 j 06:48	23°♍01'53	21°53'02
retrograde	-4025 Oct 04 j 10:04	28°♍27'39	
evening set	-4025 Oct 08 j 17:13	26°♍46'40	
asc. node	-4025 Oct 12 j 00:05	23°♍17'58	
inferior conj	-4025 Oct 14 j 02:10	20°♍29'27	0°42'39
minimum elong	-4025 Oct 14 j 01:11	20°♍32'50	0°42'16
min. Earth dist.	-4025 Oct 14 j 05:51	20°♍16'43	0.67340 AU
morning rise	-4025 Oct 19 j 08:56	14°♍12'21	
direct	-4025 Oct 24 j 03:29	12°♍13'58	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-4025 Nov 03 j 03:03	18°♍11'20	22°55'36
greatest brilliancy	-4025 Nov 07 j 23:33	23°♍38'46	-0.3m
	-4025 Nov 12 j 22:28	0°♎	
desc. node	-4025 Nov 23 j 12:20	15°♎01'37	
	-4025 Dec 03 j 05:09	0°♏	
morning set	-4025 Dec 07 j 08:20	6°♏42'39	
max. Earth dist.	-4025 Dec 12 j 04:33	14°♏51'24	1.40028 AU
superior conj	-4025 Dec 19 j 21:52	28°♏32'13	-1°-54'-41
minimum elong	-4025 Dec 19 j 21:51	28°♏32'07	1°54'51
	-4025 Dec 20 j 17:01	0°♐	
evening rise	-4025 Dec 29 j 14:14	16°♐44'37	
	-4024 Jan 05 j 18:07	0°♑	
asc. node	-4024 Jan 07 j 23:00	3°♑42'32	
evening max el	-4024 Jan 14 j 19:27	12°♑46'35	18°26'55
retrograde	-4024 Jan 22 j 07:10	16°♑27'22	
evening set	-4024 Jan 24 j 18:53	16°♑04'14	
inferior conj	-4024 Feb 01 j 03:58	11°♑29'32	3°51'35
minimum elong	-4024 Feb 01 j 06:24	11°♑24'35	3°51'09
min. Earth dist.	-4024 Feb 04 j 13:17	8°♑45'53	0.58968 AU
morning rise	-4024 Feb 08 j 14:27	6°♑04'37	
direct	-4024 Feb 14 j 20:53	4°♑22'40	
desc. node	-4024 Feb 19 j 11:39	5°♑15'48	
morning max el	-4024 Feb 29 j 03:08	11°♑57'06	26°45'04
	-4024 Mar 14 j 06:00	0°♒	
morning set	-4024 Mar 29 j 21:32	28°♒38'30	
	-4024 Mar 30 j 13:06	0°♓	
asc. node	-4024 Apr 04 j 22:31	11°♓36'55	
superior conj	-4024 Apr 05 j 23:34	13°♓54'01	0°10'54
minimum elong	-4024 Apr 05 j 23:05	13°♓51'23	0°10'44
behind sun begin	-4024 Apr 05 j 19:24	13°♓31'13	
behind sun end	-4024 Apr 06 j 02:46	14°♓11'33	
max. Earth dist.	-4024 Apr 05 j 23:13	13°♓52'07	1.32582 AU
evening rise	-4024 Apr 13 j 00:28	29°♓03'50	
	-4024 Apr 13 j 11:15	0°♈	
	-4024 Apr 30 j 05:48	0°♉	
evening max el	-4024 May 12 j 07:11	14°♉49'42	26°26'22
desc. node	-4024 May 17 j 10:20	19°♉00'57	
retrograde	-4024 May 26 j 09:08	22°♉08'51	
evening set	-4024 Jun 01 j 18:08	20°♉25'50	
min. Earth dist.	-4024 Jun 05 j 20:19	17°♉44'50	0.59693 AU
inferior conj	-4024 Jun 09 j 05:24	15°♉04'17	-4°-17'-56
minimum elong	-4024 Jun 09 j 04:41	15°♉05'43	4°17'48
morning rise	-4024 Jun 16 j 18:51	10°♉28'26	
direct	-4024 Jun 19 j 06:15	10°♉06'16	
morning max el	-4024 Jun 26 j 19:20	13°♉44'02	18°19'36
asc. node	-4024 Jul 01 j 22:09	20°♉00'00	
	-4024 Jul 07 j 22:21	0°♊	
morning set	-4024 Jul 12 j 19:42	9°♊07'45	
superior conj	-4024 Jul 22 j 06:20	26°♊51'38	1°47'26
minimum elong	-4024 Jul 22 j 07:52	26°♊58'37	1°47'34
	-4024 Jul 23 j 23:51	0°♋	
max. Earth dist.	-4024 Jul 29 j 17:28	10°♋04'57	1.40574 AU
evening rise	-4024 Aug 03 j 13:04	18°♋10'36	
	-4024 Aug 10 j 22:35	0°♌	
desc. node	-4024 Aug 13 j 09:27	3°♌46'18	
greatest brilliancy	-4024 Sep 01 j 04:10	0°♍01'16	-0.2m
	-4024 Sep 01 j 03:45	0°♍	
evening max el	-4024 Sep 06 j 21:24	6°♍27'43	23°12'45
retrograde	-4024 Sep 17 j 03:29	12°♍32'05	
evening set	-4024 Sep 22 j 00:29	10°♍31'35	
inferior conj	-4024 Sep 27 j 08:48	4°♍11'06	0°-10'-37
minimum elong	-4024 Sep 27 j 09:03	4°♍10'16	0°10'26
transit middle	-4024 Sep 27 j 09:03	4°♍10'16	0°10'26
transit begin	-4024 Sep 27 j 06:58	4°♍17'26	
transit end	-4024 Sep 27 j 11:08	4°♍03'06	
min. Earth dist.	-4024 Sep 27 j 02:19	4°♍33'24	0.67420 AU
asc. node	-4024 Sep 27 j 21:13	3°♍28'30	
	-4024 Sep 30 j 14:38	30°℞♌	
morning rise	-4024 Oct 02 j 17:37	27°♌57'04	
direct	-4024 Oct 06 j 22:05	26°♌19'55	
	-4024 Oct 14 j 03:03	0°♍	
morning max el	-4024 Oct 15 j 17:53	1°♍33'24	21°32'21
greatest brilliancy	-4024 Oct 20 j 21:20	7°♍28'59	-0.4m
	-4024 Nov 05 j 20:40	0°♎	
desc. node	-4024 Nov 09 j 09:16	5°♎20'28	
morning set	-4024 Nov 16 j 00:16	15°♎38'22	
max. Earth dist.	-4024 Nov 23 j 05:43	27°♎18'10	1.41990 AU
	-4024 Nov 24 j 20:47	0°♏	
superior conj	-4024 Nov 30 j 16:02	9°♏51'03	-1°-48'-17
minimum elong	-4024 Nov 30 j 12:28	9°♏35'39	1°48'14
evening rise	-4024 Dec 11 j 16:58	29°♏34'41	
	-4024 Dec 11 j 22:31	0°♐	
asc. node	-4024 Dec 24 j 20:05	21°♐47'00	
evening max el	-4024 Dec 28 j 04:51	25°♐45'31	18°09'26
retrograde	-4023 Jan 04 j 00:26	29°♐14'20	
evening set	-4023 Jan 06 j 14:57	28°♐44'18	
inferior conj	-4023 Jan 13 j 10:36	23°♐47'36	4°03'10
minimum elong	-4023 Jan 13 j 10:17	23°♐48'20	4°03'00
min. Earth dist.	-4023 Jan 16 j 13:57	20°♐52'31	0.60983 AU
morning rise	-4023 Jan 20 j 03:01	18°♐05'13	
direct	-4023 Jan 27 j 00:51	15°♐47'14	
desc. node	-4023 Feb 05 j 08:44	19°♐23'57	
morning max el	-4023 Feb 10 j 03:15	23°♐28'43	27°31'25
	-4023 Feb 16 j 00:33	0°♑	
	-4023 Mar 07 j 08:48	0°♒	
morning set	-4023 Mar 14 j 04:50	13°♒23'56	
max. Earth dist.	-4023 Mar 20 j 11:51	26°♒46'49	1.32639 AU
superior conj	-4023 Mar 21 j 10:54	28°♒52'26	0°-14'-8
minimum elong	-4023 Mar 21 j 11:32	28°♒55'56	0°14'07
behind sun begin	-4023 Mar 21 j 09:16	28°♒43'29	
behind sun end	-4023 Mar 21 j 13:49	29°♒08'22	
	-4023 Mar 21 j 23:17	0°♓	
asc. node	-4023 Mar 22 j 19:28	1°♓50'16	
evening rise	-4023 Mar 28 j 11:07	14°♓01'13	
	-4023 Apr 05 j 13:45	0°♈	
evening max el	-4023 Apr 24 j 02:28	26°♈02'18	25°12'42
	-4023 Apr 28 j 22:50	0°♉	
desc. node	-4023 May 04 j 07:28	2°♉37'08	
retrograde	-4023 May 08 j 03:56	3°♉11'52	
evening set	-4023 May 13 j 10:19	2°♉07'27	
	-4023 May 17 j 12:07	30°℞♈	
min. Earth dist.	-4023 May 18 j 14:52	29°♈16'58	0.57721 AU
inferior conj	-4023 May 21 j 17:28	27°♈09'05	-3°-54'-2
minimum elong	-4023 May 21 j 13:14	27°♈16'24	3°53'20
morning rise	-4023 May 29 j 20:14	22°♈53'56	
direct	-4023 Jun 01 j 07:24	22°♈35'37	
morning max el	-4023 Jun 09 j 23:07	26°♈38'53	19°00'09
	-4023 Jun 13 j 00:48	0°♉	
asc. node	-4023 Jun 18 j 19:09	8°♉33'27	
morning set	-4023 Jun 26 j 15:05	23°♉09'43	
	-4023 Jun 30 j 02:15	0°♊	
superior conj	-4023 Jul 05 j 04:05	9°♊53'59	1°48'27
minimum elong	-4023 Jul 05 j 03:20	9°♊50'23	1°48'36
max. Earth dist.	-4023 Jul 11 j 19:15	22°♊15'11	1.38622 AU
evening rise	-4023 Jul 15 j 18:26	29°♊15'43	
	-4023 Jul 16 j 04:41	0°♋	
desc. node	-4023 Jul 31 j 06:26	24°♋06'52	
	-4023 Aug 04 j 07:50	0°♌	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4023 Aug 20 j 08:55	19°♌56'49	24°32'56
retrograde	-4023 Aug 31 j 17:08	26°♌35'04	
evening set	-4023 Sep 06 j 05:11	24°♌15'21	
min. Earth dist.	-4023 Sep 10 j 21:32	18°♌51'57	0.67198 AU
inferior conj	-4023 Sep 11 j 14:30	17°♌55'09	-1°-4'-1
minimum elong	-4023 Sep 11 j 15:59	17°♌50'09	1°03'17
asc. node	-4023 Sep 14 j 18:19	13°♌57'17	
morning rise	-4023 Sep 17 j 03:04	11°♌47'31	
direct	-4023 Sep 20 j 19:18	10°♌29'45	
morning max el	-4023 Sep 28 j 15:38	15°♌04'06	20°18'43
greatest brilliancy	-4023 Oct 05 j 10:04	23°♌17'58	-0.6m
	-4023 Oct 10 j 04:14	0°♍	
morning set	-4023 Oct 25 j 23:16	23°♍51'38	
desc. node	-4023 Oct 27 j 06:12	25°♍51'39	
	-4023 Oct 29 j 21:50	0°♎	
max. Earth dist.	-4023 Nov 05 j 14:50	10°♎38'04	1.43572 AU
superior conj	-4023 Nov 11 j 07:47	19°♎54'23	-1°-26'-19
minimum elong	-4023 Nov 11 j 01:06	19°♎26'54	1°25'45
	-4023 Nov 17 j 08:49	0°♏	
evening rise	-4023 Nov 24 j 03:14	11°♏37'34	
	-4023 Dec 04 j 23:16	0°♐	
evening max el	-4023 Dec 11 j 17:10	8°♐59'16	18°11'19
asc. node	-4023 Dec 11 j 17:10	8°♐59'16	
retrograde	-4023 Dec 18 j 06:23	12°♐28'49	
evening set	-4023 Dec 21 j 00:09	11°♐50'47	
inferior conj	-4023 Dec 27 j 08:58	6°♐32'50	3°51'49
minimum elong	-4023 Dec 27 j 06:45	6°♐38'42	3°51'23
min. Earth dist.	-4023 Dec 29 j 23:27	3°♐48'15	0.62872 AU
morning rise	-4022 Jan 02 j 11:34	0°♐37'49	
	-4022 Jan 03 j 08:43	30°℞♏	
direct	-4022 Jan 09 j 13:09	27°♏56'15	
	-4022 Jan 16 j 06:10	0°♐	
desc. node	-4022 Jan 23 j 05:48	5°♐32'10	
morning max el	-4022 Jan 23 j 08:59	5°♐39'58	27°41'48
	-4022 Feb 10 j 20:32	0°♑	
morning set	-4022 Feb 26 j 06:32	27°♑49'07	
	-4022 Feb 27 j 08:22	0°♒	
max. Earth dist.	-4022 Mar 03 j 20:15	9°♒23'50	1.33060 AU
superior conj	-4022 Mar 05 j 20:12	13°♒41'02	0°-39'-7
minimum elong	-4022 Mar 05 j 21:57	13°♒50'23	0°38'56
asc. node	-4022 Mar 09 j 16:27	21°♒59'39	
evening rise	-4022 Mar 12 j 22:46	28°♒57'37	
	-4022 Mar 13 j 10:39	0°♓	
	-4022 Mar 30 j 18:09	0°♈	
evening max el	-4022 Apr 05 j 18:25	6°♈48'26	23°41'54
retrograde	-4022 Apr 19 j 10:12	13°♈36'23	
desc. node	-4022 Apr 21 j 04:36	13°♈29'24	
evening set	-4022 Apr 23 j 08:41	13°♈02'16	
min. Earth dist.	-4022 Apr 30 j 05:46	9°♈49'40	0.56138 AU
inferior conj	-4022 May 02 j 09:27	8°♈31'37	-2°-51'-27
minimum elong	-4022 May 02 j 03:32	8°♈40'37	2°49'54
morning rise	-4022 May 11 j 01:56	4°♈31'38	
direct	-4022 May 13 j 13:51	4°♈15'48	
morning max el	-4022 May 23 j 17:41	8°♈58'58	20°01'10
asc. node	-4022 Jun 05 j 16:07	27°♈40'49	
	-4022 Jun 06 j 21:31	0°♉	
morning set	-4022 Jun 10 j 18:00	7°♉36'59	
superior conj	-4022 Jun 18 j 15:53	23°♉40'37	1°41'03
minimum elong	-4022 Jun 18 j 13:45	23°♉29'57	1°41'02
	-4022 Jun 21 j 20:44	0°♊	
max. Earth dist.	-4022 Jun 23 j 23:20	4°♊03'33	1.36777 AU
evening rise	-4022 Jun 27 j 23:35	11°♊31'39	
	-4022 Jul 08 j 18:59	0°♋	
desc. node	-4022 Jul 18 j 03:28	14°♋08'59	
	-4022 Jul 30 j 12:15	0°♌	
evening max el	-4022 Aug 02 j 19:38	3°♌28'03	25°45'53
retrograde	-4022 Aug 15 j 02:16	10°♌31'26	
evening set	-4022 Aug 21 j 05:23	7°♌55'18	
min. Earth dist.	-4022 Aug 25 j 13:00	3°♌09'32	0.66651 AU
inferior conj	-4022 Aug 26 j 17:26	1°♌38'42	-1°-55'-56
minimum elong	-4022 Aug 26 j 20:04	1°♌30'15	1°54'48
	-4022 Aug 28 j 00:47	30°℞♋	
morning rise	-4022 Sep 01 j 11:23	25°♋40'47	
asc. node	-4022 Sep 01 j 15:25	25°♋34'38	
direct	-4022 Sep 04 j 17:30	24°♋39'30	
morning max el	-4022 Sep 11 j 20:35	28°♋43'11	19°18'29
	-4022 Sep 13 j 01:12	0°♌	
greatest brilliancy	-4022 Sep 22 j 10:42	12°♌47'01	-0.7m
	-4022 Oct 03 j 14:10	0°♍	
morning set	-4022 Oct 05 j 04:13	2°♍28'43	
desc. node	-4022 Oct 14 j 03:07	16°♍30'32	
max. Earth dist.	-4022 Oct 19 j 06:11	24°♍35'19	1.44555 AU
superior conj	-4022 Oct 21 j 21:03	28°♍44'27	0°-47'-51
minimum elong	-4022 Oct 21 j 15:21	28°♍21'47	0°47'09
	-4022 Oct 22 j 16:03	0°♎	
evening rise	-4022 Nov 05 j 16:20	22°♎43'38	
	-4022 Nov 10 j 01:53	0°♏	
evening max el	-4022 Nov 25 j 05:36	22°♏21'04	18°31'45
asc. node	-4022 Nov 28 j 14:16	25°♏04'35	
retrograde	-4022 Dec 01 j 20:44	26°♏01'57	
evening set	-4022 Dec 04 j 18:59	25°♏14'27	
inferior conj	-4022 Dec 10 j 19:19	19°♏37'43	3°24'46
minimum elong	-4022 Dec 10 j 16:14	19°♏46'42	3°23'58
min. Earth dist.	-4022 Dec 12 j 19:01	17°♏18'28	0.64467 AU
morning rise	-4022 Dec 16 j 12:14	13°♏33'00	
direct	-4022 Dec 23 j 08:24	10°♏42'57	
morning max el	-4021 Jan 05 j 18:07	18°♏23'33	27°17'24
desc. node	-4021 Jan 10 j 02:50	23°♏06'32	
	-4021 Jan 15 j 15:00	0°♐	
	-4021 Feb 03 j 17:36	0°♑	
morning set	-4021 Feb 09 j 23:50	11°♑44'40	
max. Earth dist.	-4021 Feb 14 j 20:34	21°♑31'01	1.33877 AU
superior conj	-4021 Feb 18 j 01:38	28°♑13'28	-1°-3'-3
minimum elong	-4021 Feb 18 j 04:16	28°♑27'25	1°02'46
	-4021 Feb 18 j 21:46	0°♒	
asc. node	-4021 Feb 24 j 13:28	12°♒00'53	
evening rise	-4021 Feb 25 j 09:38	13°♒46'37	
	-4021 Mar 05 j 17:32	0°♓	
evening max el	-4021 Mar 18 j 12:51	17°♓34'27	22°08'12
retrograde	-4021 Mar 31 j 04:57	23°♓43'48	
evening set	-4021 Apr 03 j 01:34	23°♓25'41	
desc. node	-4021 Apr 08 j 01:43	21°♓38'14	
inferior conj	-4021 Apr 12 j 09:34	19°♓18'31	-1°-11'-16
minimum elong	-4021 Apr 12 j 06:20	19°♓23'06	1°10'13
min. Earth dist.	-4021 Apr 11 j 19:42	19°♓38'06	0.55260 AU
morning rise	-4021 Apr 21 j 12:36	15°♓20'36	
direct	-4021 Apr 24 j 05:15	15°♓04'15	
morning max el	-4021 May 06 j 01:35	20°♓38'51	21°21'15
	-4021 May 13 j 18:40	0°♈	
asc. node	-4021 May 23 j 13:07	17°♈13'57	
morning set	-4021 May 26 j 02:01	22°♈23'00	
	-4021 May 29 j 17:44	0°♉	
superior conj	-4021 Jun 02 j 13:40	7°♉59'55	1°27'30
minimum elong	-4021 Jun 02 j 11:00	7°♉46'06	1°27'18
max. Earth dist.	-4021 Jun 06 j 11:03	15°♉56'06	1.35217 AU
evening rise	-4021 Jun 10 j 23:23	24°♉45'19	
	-4021 Jun 13 j 18:44	0°♊	
	-4021 Jul 02 j 07:06	0°♋	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4021 Jul 05 j 00:32	3°♋44'47		
evening max el	-4021 Jul 16 j 06:46	16°♋57'06	26°43'27	
retrograde	-4021 Jul 29 j 06:37	24°♋15'32		
evening set	-4021 Aug 04 j 22:53	21°♋29'29		
min. Earth dist.	-4021 Aug 08 j 22:29	17°♋22'31	0.65748 AU	
inferior conj	-4021 Aug 10 j 15:42	15°♋19'31	-2°-44'-24	
minimum elong	-4021 Aug 10 j 19:11	15°♋09'04	2°43'08	
morning rise	-4021 Aug 16 j 16:34	9°♋34'28		
direct	-4021 Aug 19 j 14:52	8°♋46'25		
asc. node	-4021 Aug 19 j 12:29	8°♋46'28		
morning max el	-4021 Aug 26 j 07:17	12°♋28'22	18°33'49	
	-4021 Sep 07 j 18:17	0°♌		
morning set	-4021 Sep 15 j 08:44	12°♌16'24		
	-4021 Sep 26 j 10:17	0°♍		
superior conj	-4021 Sep 30 j 20:40	7°♍00'31	0°00'55	
minimum elong	-4021 Sep 30 j 20:48	7°♍01'03	0°00'58	
behind sun begin	-4021 Sep 30 j 09:27	6°♍16'19		
behind sun end	-4021 Oct 01 j 08:08	7°♍45'46		
desc. node	-4021 Oct 01 j 00:05	7°♍14'02		
max. Earth dist.	-4021 Oct 02 j 00:05	8°♍48'36	1.44829 AU	
	-4021 Oct 15 j 10:46	0°♎		
evening rise	-4021 Oct 17 j 04:47	2°♎46'11		
	-4021 Nov 03 j 21:56	0°♏		
evening max el	-4021 Nov 08 j 15:40	5°♏46'51	19°09'35	
asc. node	-4021 Nov 15 j 11:23	9°♏47'48		
retrograde	-4021 Nov 15 j 15:56	9°♏48'00		
evening set	-4021 Nov 18 j 20:30	8°♏48'57		
inferior conj	-4021 Nov 24 j 14:20	2°♏56'37	2°47'05	
minimum elong	-4021 Nov 24 j 11:14	3°♏06'24	2°46'04	
min. Earth dist.	-4021 Nov 25 j 23:58	1°♏10'30	0.65709 AU	
	-4021 Nov 26 j 23:00	30°℞♎		
morning rise	-4021 Nov 30 j 01:05	26°♎44'54		
direct	-4021 Dec 06 j 10:05	23°♎59'32		
	-4021 Dec 17 j 15:47	0°♏		
morning max el	-4021 Dec 19 j 03:55	1°♏27'06	26°23'54	
desc. node	-4021 Dec 27 j 23:52	11°♏41'56		
	-4020 Jan 09 j 16:51	0°♐		
morning set	-4020 Jan 24 j 04:53	24°♐58'36		
	-4020 Jan 26 j 20:08	0°♑		
max. Earth dist.	-4020 Jan 28 j 09:32	3°♑02'27	1.35139 AU	
superior conj	-4020 Feb 02 j 00:53	12°♑22'20	-1°-24'-36	
minimum elong	-4020 Feb 02 j 04:00	12°♑38'22	1°24'21	
evening rise	-4020 Feb 09 j 17:56	28°♑21'42		
	-4020 Feb 10 j 13:06	0°♒		
asc. node	-4020 Feb 11 j 10:31	1°♒48'48		
evening max el	-4020 Feb 28 j 15:28	28°♒44'26	20°43'33	
	-4020 Mar 01 j 01:22	0°♓		
retrograde	-4020 Mar 10 j 18:46	4°♓02'37		
evening set	-4020 Mar 13 j 03:21	3°♓49'18		
	-4020 Mar 21 j 23:15	30°℞♒		
inferior conj	-4020 Mar 22 j 05:06	29°♒51'34	0°45'19	
minimum elong	-4020 Mar 22 j 07:07	29°♒48'37	0°44'32	
min. Earth dist.	-4020 Mar 23 j 09:58	29°♒09'53	0.55297 AU	
desc. node	-4020 Mar 24 j 22:51	28°♒17'55		
morning rise	-4020 Mar 31 j 09:19	25°♒37'06		
direct	-4020 Apr 03 j 17:27	25°♒12'50		
	-4020 Apr 15 j 02:24	0°♓		
morning max el	-4020 Apr 16 j 23:27	1°♓39'36	22°55'37	
	-4020 May 05 j 22:34	0°♈		
asc. node	-4020 May 09 j 10:08	7°♈05'06		
morning set	-4020 May 09 j 13:02	7°♈20'13		
superior conj	-4020 May 16 j 18:11	22°♈40'51	1°09'30	
minimum elong	-4020 May 16 j 15:38	22°♈27'16	1°09'10	
max. Earth dist.	-4020 May 19 j 08:32	28°♈09'36	1.34020 AU	
	-4020 May 20 j 05:45	0°♉		
evening rise	-4020 May 24 j 12:42	8°♉41'04		
	-4020 Jun 05 j 06:11	0°♊		
desc. node	-4020 Jun 20 j 21:36	22°♊42'10		
	-4020 Jun 27 j 11:58	0°♋		
evening max el	-4020 Jun 27 j 17:54	0°♋14'21	27°18'09	
retrograde	-4020 Jul 11 j 05:39	7°♋38'35		
evening set	-4020 Jul 18 j 06:50	4°♋53'09		
min. Earth dist.	-4020 Jul 21 j 23:55	1°♋23'03	0.64462 AU	
	-4020 Jul 23 j 06:30	30°℞♊		
inferior conj	-4020 Jul 24 j 06:56	28°♊52'45	-3°-26'-58	
minimum elong	-4020 Jul 24 j 10:43	28°♊42'24	3°25'54	
morning rise	-4020 Jul 30 j 16:12	23°♊23'38		
direct	-4020 Aug 02 j 08:59	22°♊45'38		
asc. node	-4020 Aug 05 j 09:35	23°♊33'02		
morning max el	-4020 Aug 08 j 21:21	26°♊14'27	18°06'04	
	-4020 Aug 12 j 02:18	0°♋		
morning set	-4020 Aug 26 j 16:31	23°♋22'08		
	-4020 Aug 30 j 14:59	0°♌		
superior conj	-4020 Sep 09 j 05:09	15°♌46'22	0°47'30	
minimum elong	-4020 Sep 09 j 10:14	16°♌06'53	0°47'00	
max. Earth dist.	-4020 Sep 13 j 17:14	22°♌58'57	1.44375 AU	
desc. node	-4020 Sep 16 j 21:03	27°♌58'42		
	-4020 Sep 18 j 03:55	0°♍		
evening rise	-4020 Sep 25 j 18:28	11°♍50'47		
	-4020 Oct 07 j 15:20	0°♎		
greatest brilliancy	-4020 Oct 14 j 17:26	10°♎19'32	-0.6m	
evening max el	-4020 Oct 21 j 21:17	19°♎13'48	20°03'14	
retrograde	-4020 Oct 29 j 13:03	23°♎42'53		
asc. node	-4020 Nov 01 j 08:31	22°♎57'00		
evening set	-4020 Nov 02 j 02:11	22°♎29'38		
inferior conj	-4020 Nov 07 j 15:18	16°♎25'08	2°02'14	
minimum elong	-4020 Nov 07 j 12:46	16°♎33'37	2°01'15	
min. Earth dist.	-4020 Nov 08 j 12:21	15°♎15'07	0.66597 AU	
morning rise	-4020 Nov 12 j 22:43	10°♎09'09		
direct	-4020 Nov 18 j 17:27	7°♎38'08		
morning max el	-4020 Nov 30 j 12:49	14°♎39'00	25°10'01	
	-4020 Dec 13 j 03:25	0°♏		
desc. node	-4020 Dec 13 j 20:53	1°♏00'23		
	-4019 Jan 01 j 13:02	0°♐		
morning set	-4019 Jan 05 j 16:38	7°♐16'14		
max. Earth dist.	-4019 Jan 09 j 11:13	14°♐09'57	1.36833 AU	
superior conj	-4019 Jan 15 j 15:04	25°♐59'29	-1°-41'-57	
minimum elong	-4019 Jan 15 j 17:56	26°♐13'37	1°41'53	
	-4019 Jan 17 j 15:29	0°♑		
evening rise	-4019 Jan 23 j 21:34	12°♑36'47		
asc. node	-4019 Jan 28 j 07:35	21°♑17'57		
	-4019 Feb 02 j 04:45	0°♒		
evening max el	-4019 Feb 10 j 04:45	10°♒30'17	19°35'07	
retrograde	-4019 Feb 19 j 15:35	14°♒59'23		
evening set	-4019 Feb 21 j 23:17	14°♒44'24		
inferior conj	-4019 Mar 02 j 10:07	10°♒39'41	2°25'53	
minimum elong	-4019 Mar 02 j 15:04	10°♒31'44	2°24'23	
min. Earth dist.	-4019 Mar 05 j 00:41	8°♒59'51	0.56244 AU	
morning rise	-4019 Mar 11 j 03:17	5°♒56'47		
desc. node	-4019 Mar 11 j 19:59	5°♒44'00		
direct	-4019 Mar 15 j 14:42	5°♒11'34		
morning max el	-4019 Mar 29 j 15:05	12°♒16'41	24°34'32	
	-4019 Apr 12 j 04:35	0°♓		
morning set	-4019 Apr 24 j 01:16	22°♓22'33		
asc. node	-4019 Apr 26 j 07:09	27°♓08'38		
	-4019 Apr 27 j 14:59	0°♈		
superior conj	-4019 May 01 j 03:00	7°♈35'16	0°48'20	
minimum elong	-4019 May 01 j 01:02	7°♈24'34	0°47'58	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4019 May 02 j 14:46	10°♈48'15	1.33194 AU
evening rise	-4019 May 08 j 11:33	23°♈06'27	
	-4019 May 11 j 23:03	0°♉	
	-4019 May 30 j 00:56	0°♊	
desc. node	-4019 Jun 07 j 18:40	10°♊45'00	
evening max el	-4019 Jun 10 j 03:17	13°♊08'04	27°23'40
retrograde	-4019 Jun 23 j 22:33	20°♊31'45	
evening set	-4019 Jul 01 j 01:42	18°♊00'22	
min. Earth dist.	-4019 Jul 04 j 15:49	15°♊00'09	0.62811 AU
inferior conj	-4019 Jul 07 j 12:19	12°♊12'35	-3°-59'-57
minimum elong	-4019 Jul 07 j 15:25	12°♊04'58	3°59'20
morning rise	-4019 Jul 14 j 07:24	7°♊02'19	
direct	-4019 Jul 16 j 20:53	6°♊31'44	
asc. node	-4019 Jul 23 j 06:40	9°♊42'33	
morning max el	-4019 Jul 23 j 12:11	9°♊55'54	17°56'16
	-4019 Aug 05 j 20:00	0°♋	
morning set	-4019 Aug 08 j 23:32	5°♋34'24	
superior conj	-4019 Aug 20 j 14:23	25°♋45'51	1°22'03
minimum elong	-4019 Aug 20 j 19:51	26°♋08'55	1°21'41
	-4019 Aug 23 j 03:09	0°♌	
max. Earth dist.	-4019 Aug 27 j 07:14	6°♌50'24	1.43269 AU
desc. node	-4019 Sep 03 j 17:59	18°♌41'16	
evening rise	-4019 Sep 04 j 22:22	20°♌31'51	
	-4019 Sep 11 j 02:22	0°♍	
greatest brilliancy	-4019 Sep 29 j 12:13	26°♍23'55	-0.5m
	-4019 Oct 02 j 10:44	0°♎	
evening max el	-4019 Oct 04 j 20:59	2°♎39'45	21°10'08
retrograde	-4019 Oct 13 j 09:53	7°♎43'08	
evening set	-4019 Oct 17 j 09:53	6°♎12'56	
asc. node	-4019 Oct 19 j 05:39	4°♎32'19	
inferior conj	-4019 Oct 22 j 19:55	29°♍59'34	1°12'35
minimum elong	-4019 Oct 22 j 18:18	0°♎05'07	1°11'56
	-4019 Oct 22 j 19:48	30°℞♍	
min. Earth dist.	-4019 Oct 23 j 05:42	29°♍26'05	0.67159 AU
morning rise	-4019 Oct 28 j 02:21	23°♍42'12	
direct	-4019 Nov 02 j 05:45	21°♍31'08	
morning max el	-4019 Nov 12 j 21:37	27°♍53'06	23°45'24
	-4019 Nov 14 j 21:35	0°♎	
desc. node	-4019 Nov 30 j 17:51	20°♎48'34	
	-4019 Dec 06 j 20:56	0°♏	
morning set	-4019 Dec 18 j 04:46	18°♏19'40	
max. Earth dist.	-4019 Dec 22 j 07:04	25°♏25'17	1.38837 AU
	-4019 Dec 24 j 20:37	0°♐	
superior conj	-4019 Dec 29 j 16:11	8°♐53'03	-1°-52'-43
minimum elong	-4019 Dec 29 j 17:38	8°♐59'53	1°52'51
evening rise	-4018 Jan 07 j 17:59	26°♐24'23	
	-4018 Jan 09 j 14:27	0°♑	
asc. node	-4018 Jan 15 j 04:38	10°♑20'55	
evening max el	-4018 Jan 24 j 03:44	22°♑49'47	18°46'00
retrograde	-4018 Feb 01 j 05:18	26°♑43'29	
evening set	-4018 Feb 03 j 15:38	26°♑23'38	
inferior conj	-4018 Feb 11 j 09:36	22°♑00'58	3°30'55
minimum elong	-4018 Feb 11 j 13:34	21°♑53'35	3°30'05
min. Earth dist.	-4018 Feb 14 j 16:47	19°♑35'08	0.57869 AU
morning rise	-4018 Feb 19 j 07:50	16°♑49'50	
direct	-4018 Feb 25 j 00:35	15°♑30'33	
desc. node	-4018 Feb 26 j 17:07	15°♑37'32	
morning max el	-4018 Mar 11 j 06:35	22°♑56'43	26°03'54
	-4018 Mar 17 j 13:44	0°♒	
	-4018 Apr 04 j 22:08	0°♓	
morning set	-4018 Apr 08 j 13:01	7°♓23'39	
asc. node	-4018 Apr 13 j 04:09	17°♓19'21	
superior conj	-4018 Apr 15 j 14:08	22°♓36'02	0°24'59
minimum elong	-4018 Apr 15 j 13:03	22°♓30'06	0°24'43
max. Earth dist.	-4018 Apr 16 j 02:33	23°♓43'51	1.32714 AU
	-4018 Apr 18 j 23:49	0°♈	
evening rise	-4018 Apr 22 j 16:50	7°♈50'50	
	-4018 May 04 j 10:37	0°♉	
evening max el	-4018 May 23 j 08:16	25°♉25'57	26°56'32
desc. node	-4018 May 25 j 15:46	27°♉30'21	
	-4018 May 29 j 00:55	0°♊	
retrograde	-4018 Jun 06 j 08:06	2°♊46'36	
evening set	-4018 Jun 13 j 03:21	0°♊42'55	
	-4018 Jun 14 j 06:18	30°℞♉	
min. Earth dist.	-4018 Jun 16 j 21:48	27°♉59'53	0.60873 AU
inferior conj	-4018 Jun 20 j 04:29	25°♉11'02	-4°-17'-45
minimum elong	-4018 Jun 20 j 05:34	25°♉08'41	4°17'34
morning rise	-4018 Jun 27 j 10:48	20°♉22'12	
direct	-4018 Jun 29 j 22:47	19°♉57'10	
morning max el	-4018 Jul 07 j 01:00	23°♉26'22	18°05'27
asc. node	-4018 Jul 10 j 03:43	26°♉59'29	
	-4018 Jul 12 j 07:13	0°♊	
morning set	-4018 Jul 23 j 00:18	18°♊38'59	
	-4018 Jul 29 j 03:56	0°♋	
superior conj	-4018 Aug 02 j 03:03	7°♋07'36	1°41'59
minimum elong	-4018 Aug 02 j 06:10	7°♋21'26	1°41'58
max. Earth dist.	-4018 Aug 09 j 16:12	20°♋08'16	1.41652 AU
evening rise	-4018 Aug 15 j 12:41	29°♋43'55	
	-4018 Aug 15 j 16:42	0°♌	
desc. node	-4018 Aug 21 j 14:56	9°♌18'50	
	-4018 Sep 04 j 16:33	0°♍	
greatest brilliancy	-4018 Sep 12 j 21:00	10°♍46'07	-0.3m
evening max el	-4018 Sep 17 j 14:35	16°♍05'17	22°26'29
retrograde	-4018 Sep 27 j 04:51	21°♍47'03	
evening set	-4018 Oct 01 j 17:49	19°♍57'44	
asc. node	-4018 Oct 06 j 02:46	14°♍59'50	
inferior conj	-4018 Oct 07 j 02:19	13°♍38'53	0°20'09
minimum elong	-4018 Oct 07 j 01:51	13°♍40'30	0°20'01
min. Earth dist.	-4018 Oct 07 j 01:38	13°♍41'13	0.67414 AU
morning rise	-4018 Oct 12 j 09:45	7°♍22'57	
direct	-4018 Oct 16 j 22:11	5°♍33'44	
morning max el	-4018 Oct 26 j 09:24	11°♍11'29	22°19'24
greatest brilliancy	-4018 Oct 31 j 02:30	16°♍30'57	-0.3m
	-4018 Nov 10 j 03:37	0°♎	
desc. node	-4018 Nov 17 j 14:48	10°♎58'06	
morning set	-4018 Nov 28 j 12:31	27°♎59'16	
	-4018 Nov 29 j 18:15	0°♏	
max. Earth dist.	-4018 Dec 04 j 05:14	7°♏23'17	1.40899 AU
superior conj	-4018 Dec 11 j 23:15	20°♏50'10	-1°-53'-40
minimum elong	-4018 Dec 11 j 21:50	20°♏43'52	1°53'48
	-4018 Dec 17 j 00:15	0°♐	
evening rise	-4018 Dec 22 j 04:13	9°♐37'38	
asc. node	-4017 Jan 02 j 01:41	28°♐49'24	
	-4017 Jan 02 j 20:43	0°♑	
evening max el	-4017 Jan 07 j 10:03	5°♑36'03	18°17'01
retrograde	-4017 Jan 14 j 13:35	9°♑10'12	
evening set	-4017 Jan 17 j 02:32	8°♑44'09	
inferior conj	-4017 Jan 24 j 05:31	3°♑59'43	3°59'50
minimum elong	-4017 Jan 24 j 06:43	3°♑57'05	3°59'36
min. Earth dist.	-4017 Jan 27 j 13:19	1°♑08'34	0.59828 AU
	-4017 Jan 29 j 00:13	30°℞♐	
morning rise	-4017 Jan 31 j 07:53	28°♐26'38	
direct	-4017 Feb 06 j 22:12	26°♐28'43	
desc. node	-4017 Feb 13 j 14:13	28°♐19'39	
	-4017 Feb 16 j 06:47	0°♑	
morning max el	-4017 Feb 21 j 03:12	4°♑06'03	27°09'04
	-4017 Mar 12 j 04:10	0°♒	
morning set	-4017 Mar 23 j 22:30	22°♒17'01	
	-4017 Mar 27 j 13:53	0°♓	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4017 Mar 30 j 16:06	6°♓43'37	1.32569 AU
	-4017 Mar 31 j 01:51	7°♓36'57	0°00'20
superior conj	-4017 Mar 31 j 01:50	7°♓36'52	0°00'14
minimum elong	-4017 Mar 30 j 20:51	7°♓09'33	
behind sun begin	-4017 Mar 31 j 06:50	8°♓04'11	
behind sun end	-4017 Mar 31 j 01:07	7°♓32'52	
asc. node	-4017 Apr 07 j 02:07	22°♓45'32	
evening rise	-4017 Apr 10 j 15:06	0°♈	
	-4017 Apr 28 j 23:37	0°♉	
evening max el	-4017 May 05 j 06:51	7°♉00'34	25°57'51
desc. node	-4017 May 12 j 12:54	12°♉26'23	
retrograde	-4017 May 19 j 08:54	14°♉16'23	
evening set	-4017 May 25 j 08:05	12°♉49'45	
min. Earth dist.	-4017 May 29 j 19:21	10°♉06'54	0.58831 AU
inferior conj	-4017 Jun 02 j 03:40	7°♉37'37	-4°-12'00
minimum elong	-4017 Jun 02 j 01:26	7°♉41'48	4°11'45
morning rise	-4017 Jun 09 j 22:40	3°♉11'11	
direct	-4017 Jun 12 j 10:05	2°♉50'40	
morning max el	-4017 Jun 20 j 08:58	6°♉37'03	18°34'25
asc. node	-4017 Jun 27 j 00:44	15°♉08'27	
	-4017 Jul 05 j 08:18	0°♊	
morning set	-4017 Jul 06 j 13:58	2°♊22'40	
superior conj	-4017 Jul 15 j 14:27	19°♊38'13	1°49'04
minimum elong	-4017 Jul 15 j 14:54	19°♊40'22	1°49'14
	-4017 Jul 21 j 06:59	0°♋	
max. Earth dist.	-4017 Jul 22 j 19:41	2°♋41'40	1.39743 AU
evening rise	-4017 Jul 27 j 02:50	10°♋04'05	
desc. node	-4017 Aug 08 j 11:56	29°♋46'55	
	-4017 Aug 08 j 15:24	0°♌	
evening max el	-4017 Aug 31 j 03:26	29°♌31'34	23°47'08
	-4017 Aug 31 j 14:57	0°♍	
retrograde	-4017 Sep 10 j 20:47	5°♍51'17	
evening set	-4017 Sep 16 j 00:13	3°♍42'09	
	-4017 Sep 19 j 09:23	30°℞♌	
inferior conj	-4017 Sep 21 j 08:44	27°♌21'14	0°-33'-21
minimum elong	-4017 Sep 21 j 09:31	27°♌18'35	0°32'56
min. Earth dist.	-4017 Sep 20 j 21:47	27°♌58'37	0.67367 AU
asc. node	-4017 Sep 22 j 23:51	25°♌10'20	
morning rise	-4017 Sep 26 j 18:59	21°♌09'46	
direct	-4017 Sep 30 j 17:55	19°♌41'23	
morning max el	-4017 Oct 09 j 03:09	24°♌37'17	20°59'36
	-4017 Oct 13 j 19:11	0°♍	
greatest brilliancy	-4017 Oct 14 j 19:57	1°♍19'02	-0.5m
	-4017 Nov 03 j 14:18	0°♎	
desc. node	-4017 Nov 04 j 11:45	1°♎22'30	
morning set	-4017 Nov 07 j 18:57	6°♎29'43	
max. Earth dist.	-4017 Nov 16 j 09:59	20°♎14'15	1.42722 AU
	-4017 Nov 22 j 07:35	0°♏	
superior conj	-4017 Nov 23 j 06:34	1°♏37'01	-1°-41'-1
minimum elong	-4017 Nov 23 j 01:27	1°♏15'19	1°40'45
evening rise	-4017 Dec 05 j 00:30	22°♏08'36	
	-4017 Dec 09 j 10:18	0°♐	
asc. node	-4017 Dec 19 j 22:44	16°♐32'59	
evening max el	-4017 Dec 21 j 20:57	18°♐41'32	18°07'55
retrograde	-4017 Dec 28 j 12:56	22°♐09'41	
evening set	-4017 Dec 31 j 04:36	21°♐36'31	
inferior conj	-4016 Jan 06 j 19:20	16°♐30'28	4°00'43
minimum elong	-4016 Jan 06 j 18:05	16°♐33'34	4°00'28
min. Earth dist.	-4016 Jan 09 j 17:40	13°♐37'24	0.61805 AU
morning rise	-4016 Jan 13 j 05:17	10°♐41'55	
direct	-4016 Jan 20 j 05:48	8°♐12'12	
desc. node	-4016 Jan 31 j 11:18	13°♐23'20	
morning max el	-4016 Feb 03 j 06:11	15°♐55'54	27°40'26
	-4016 Feb 14 j 20:32	0°♑	
	-4016 Mar 03 j 16:25	0°♒	
morning set	-4016 Mar 07 j 03:47	6°♒55'33	
max. Earth dist.	-4016 Mar 13 j 03:31	19°♒33'13	1.32766 AU
superior conj	-4016 Mar 14 j 12:34	22°♒32'17	0°-24'-47
minimum elong	-4016 Mar 14 j 13:41	22°♒38'21	0°24'41
asc. node	-4016 Mar 16 j 22:05	27°♒45'19	
	-4016 Mar 17 j 22:53	0°♓	
evening rise	-4016 Mar 21 j 13:26	7°♓43'32	
	-4016 Apr 02 j 07:21	0°♈	
evening max el	-4016 Apr 15 j 23:59	17°♈59'06	24°35'20
desc. node	-4016 Apr 28 j 10:01	24°♈56'46	
retrograde	-4016 Apr 29 j 23:00	25°♈02'16	
evening set	-4016 May 04 j 15:52	24°♈12'09	
min. Earth dist.	-4016 May 10 j 12:00	21°♈13'34	0.56978 AU
inferior conj	-4016 May 13 j 07:10	19°♈24'54	-3°-32'-33
minimum elong	-4016 May 13 j 01:48	19°♈33'39	3°31'27
morning rise	-4016 May 21 j 15:54	15°♈17'36	
direct	-4016 May 24 j 03:01	15°♈00'42	
morning max el	-4016 Jun 02 j 09:16	19°♈19'02	19°23'39
	-4016 Jun 10 j 14:03	0°♉	
asc. node	-4016 Jun 12 j 21:44	3°♉57'37	
morning set	-4016 Jun 19 j 12:55	16°♉36'15	
	-4016 Jun 26 j 05:53	0°♊	
superior conj	-4016 Jun 27 j 18:49	3°♊01'30	1°46'11
minimum elong	-4016 Jun 27 j 17:23	2°♊54'25	1°46'17
max. Earth dist.	-4016 Jul 03 j 21:16	14°♊37'48	1.37810 AU
evening rise	-4016 Jul 07 j 18:55	21°♊40'50	
	-4016 Jul 12 j 14:46	0°♋	
desc. node	-4016 Jul 25 j 08:56	20°♋00'18	
	-4016 Aug 01 j 12:57	0°♌	
evening max el	-4016 Aug 12 j 14:11	13°♌00'57	25°05'15
retrograde	-4016 Aug 24 j 08:46	19°♌51'57	
evening set	-4016 Aug 30 j 03:16	17°♌24'36	
min. Earth dist.	-4016 Sep 03 j 15:46	12°♌16'49	0.67005 AU
inferior conj	-4016 Sep 04 j 13:30	11°♌05'14	-1°-26'-20
minimum elong	-4016 Sep 04 j 15:30	10°♌58'38	1°25'25
asc. node	-4016 Sep 08 j 20:57	6°♌03'01	
morning rise	-4016 Sep 10 j 04:10	5°♌01'15	
direct	-4016 Sep 13 j 15:42	3°♌51'04	
morning max el	-4016 Sep 21 j 04:07	8°♌11'43	19°51'13
greatest brilliancy	-4016 Sep 29 j 00:37	18°♌02'32	-0.6m
	-4016 Oct 07 j 03:14	0°♍	
morning set	-4016 Oct 16 j 17:29	14°♍44'22	
desc. node	-4016 Oct 21 j 08:41	21°♍57'08	
	-4016 Oct 26 j 11:34	0°♎	
max. Earth dist.	-4016 Oct 28 j 21:29	3°♎49'46	1.44067 AU
superior conj	-4016 Nov 02 j 10:26	11°♎06'41	-1°-11'-50
minimum elong	-4016 Nov 02 j 03:28	10°♎38'32	1°11'07
	-4016 Nov 13 j 20:31	0°♏	
evening rise	-4016 Nov 16 j 02:19	3°♏47'58	
	-4016 Dec 02 j 15:00	0°♐	
evening max el	-4016 Dec 04 j 09:38	1°♐59'00	18°17'52
asc. node	-4016 Dec 05 j 19:50	3°♐18'22	
retrograde	-4016 Dec 10 j 22:52	5°♐32'20	
evening set	-4016 Dec 13 j 18:16	4°♐50'38	
	-4016 Dec 19 j 10:24	30°℞♏	
inferior conj	-4016 Dec 19 j 23:14	29°♏24'39	3°41'56
minimum elong	-4016 Dec 19 j 20:32	29°♏32'07	3°41'20
min. Earth dist.	-4016 Dec 22 j 07:36	26°♏49'04	0.63586 AU
morning rise	-4016 Dec 25 j 21:12	23°♏25'03	
direct	-4015 Jan 01 j 21:27	20°♏37'40	
morning max el	-4015 Jan 15 j 13:41	28°♏21'54	27°35'27
desc. node	-4015 Jan 17 j 08:21	0°♐11'29	
	-4015 Jan 17 j 04:01	0°♐	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4015 Feb 07 j 14:30	0°♉	
morning set	-4015 Feb 19 j 02:18	21°♉09'16	
	-4015 Feb 23 j 10:18	0°♒	
max. Earth dist.	-4015 Feb 24 j 08:42	1°♒57'25	1.33346 AU
superior conj	-4015 Feb 26 j 20:28	7°♒14'43	0°-49'-29
minimum elong	-4015 Feb 26 j 22:37	7°♒26'14	0°49'13
asc. node	-4015 Mar 03 j 19:06	17°♒51'38	
evening rise	-4015 Mar 06 j 00:56	22°♒37'06	
	-4015 Mar 09 j 15:23	0°♓	
evening max el	-4015 Mar 28 j 16:15	28°♓41'54	23°01'43
	-4015 Mar 30 j 02:36	0°♈	
retrograde	-4015 Apr 11 j 00:15	5°♈15'39	
evening set	-4015 Apr 14 j 10:01	4°♈50'16	
desc. node	-4015 Apr 15 j 07:10	4°♈35'52	
min. Earth dist.	-4015 Apr 22 j 02:40	1°♈24'25	0.55660 AU
inferior conj	-4015 Apr 23 j 15:31	0°♈30'45	-2°-12'-53
minimum elong	-4015 Apr 23 j 10:10	0°♈38'34	2°11'17
	-4015 Apr 24 j 12:42	30°℞♓	
morning rise	-4015 May 02 j 13:09	26°♓33'18	
direct	-4015 May 05 j 02:02	26°♓17'52	
	-4015 May 14 j 09:15	0°♈	
morning max el	-4015 May 15 j 23:27	1°♈22'35	20°33'00
asc. node	-4015 May 30 j 18:45	23°♈16'45	
	-4015 Jun 03 j 04:07	0°♉	
morning set	-4015 Jun 03 j 18:17	1°♉11'59	
superior conj	-4015 Jun 11 j 11:19	17°♉03'07	1°35'56
minimum elong	-4015 Jun 11 j 08:52	16°♉50'39	1°35'51
max. Earth dist.	-4015 Jun 16 j 03:48	26°♉23'27	1.36076 AU
	-4015 Jun 18 j 00:44	0°♊	
evening rise	-4015 Jun 20 j 08:43	4°♊23'22	
	-4015 Jul 05 j 12:07	0°♋	
desc. node	-4015 Jul 12 j 05:59	9°♋52'11	
evening max el	-4015 Jul 26 j 01:09	26°♋32'32	26°12'46
	-4015 Jul 29 j 23:40	0°♌	
retrograde	-4015 Aug 07 j 16:05	3°♌43'43	
evening set	-4015 Aug 14 j 00:58	1°♌02'39	
	-4015 Aug 15 j 04:03	30°℞♋	
min. Earth dist.	-4015 Aug 18 j 05:08	26°♋33'03	0.66309 AU
inferior conj	-4015 Aug 19 j 14:45	24°♋48'21	-2°-17'-3
minimum elong	-4015 Aug 19 j 17:49	24°♋38'49	2°15'50
morning rise	-4015 Aug 25 j 11:27	18°♋55'13	
asc. node	-4015 Aug 26 j 18:04	18°♋19'06	
direct	-4015 Aug 28 j 13:56	17°♋59'56	
morning max el	-4015 Sep 04 j 11:42	21°♋53'34	18°57'23
	-4015 Sep 10 j 22:13	0°♌	
morning set	-4015 Sep 26 j 07:12	23°♌48'20	
	-4015 Sep 30 j 05:13	0°♍	
desc. node	-4015 Oct 08 j 05:37	12°♍38'20	
max. Earth dist.	-4015 Oct 11 j 14:06	17°♍55'22	1.44761 AU
superior conj	-4015 Oct 12 j 15:38	19°♍36'04	0°-27'-45
minimum elong	-4015 Oct 12 j 12:03	19°♍21'55	0°27'17
	-4015 Oct 19 j 05:09	0°♎	
evening rise	-4015 Oct 28 j 05:11	14°♎27'20	
	-4015 Nov 06 j 20:12	0°♏	
evening max el	-4015 Nov 17 j 21:28	15°♏23'32	18°45'52
asc. node	-4015 Nov 22 j 16:57	18°♏50'49	
retrograde	-4015 Nov 24 j 15:34	19°♏11'39	
evening set	-4015 Nov 27 j 16:18	18°♏19'31	
inferior conj	-4015 Dec 03 j 13:39	12°♏36'00	3°09'50
minimum elong	-4015 Dec 03 j 10:29	12°♏45'36	3°08'54
min. Earth dist.	-4015 Dec 05 j 07:17	10°♏30'09	0.65044 AU
morning rise	-4015 Dec 09 j 03:35	6°♏28'13	
direct	-4015 Dec 15 j 19:44	3°♏38'29	
morning max el	-4015 Dec 28 j 23:09	11°♏14'39	26°57'39

desc. node	-4014 Jan 04 j 05:24	18°♏14'20	
	-4014 Jan 12 j 23:22	0°♐	
	-4014 Jan 31 j 01:59	0°♉	
morning set	-4014 Feb 02 j 14:52	4°♉48'10	
max. Earth dist.	-4014 Feb 07 j 04:14	13°♉47'56	1.34360 AU
superior conj	-4014 Feb 10 j 23:35	21°♉37'52	-1°-12'-35
minimum elong	-4014 Feb 11 j 02:29	21°♉53'05	1°12'18
	-4014 Feb 14 j 23:00	0°♒	
evening rise	-4014 Feb 18 j 10:56	7°♒20'31	
asc. node	-4014 Feb 18 j 16:08	7°♒47'31	
	-4014 Mar 02 j 18:55	0°♓	
evening max el	-4014 Mar 10 j 13:45	9°♓35'37	21°30'33
retrograde	-4014 Mar 22 j 15:03	15°♓23'10	
evening set	-4014 Mar 25 j 04:57	15°♓08'07	
desc. node	-4014 Apr 02 j 04:19	11°♓51'41	
inferior conj	-4014 Apr 03 j 11:52	11°♓07'32	0°-21'-52
minimum elong	-4014 Apr 03 j 10:51	11°♓08'59	0°21'35
min. Earth dist.	-4014 Apr 03 j 16:36	11°♓00'53	0.55165 AU
morning rise	-4014 Apr 12 j 16:51	7°♓04'41	
direct	-4014 Apr 15 j 14:51	6°♓45'58	
morning max el	-4014 Apr 28 j 02:37	12°♓43'36	22°00'03
	-4014 May 10 j 20:20	0°♈	
asc. node	-4014 May 17 j 15:46	12°♈57'58	
morning set	-4014 May 19 j 03:47	16°♈03'05	
	-4014 May 25 j 18:45	0°♉	
superior conj	-4014 May 26 j 12:16	1°♉32'00	1°20'20
minimum elong	-4014 May 26 j 09:34	1°♉17'54	1°20'03
max. Earth dist.	-4014 May 29 j 19:52	8°♉24'22	1.34668 AU
evening rise	-4014 Jun 03 j 14:48	17°♉56'17	
	-4014 Jun 10 j 03:04	0°♊	
desc. node	-4014 Jun 29 j 03:03	29°♊13'00	
	-4014 Jun 29 j 17:38	0°♋	
evening max el	-4014 Jul 08 j 12:41	9°♋58'32	27°01'30
retrograde	-4014 Jul 21 j 18:01	17°♋19'30	
evening set	-4014 Jul 28 j 14:45	14°♋32'32	
min. Earth dist.	-4014 Aug 01 j 11:28	10°♋41'36	0.65250 AU
inferior conj	-4014 Aug 03 j 10:21	8°♋26'29	-3°-3'-24
minimum elong	-4014 Aug 03 j 14:04	8°♋15'47	3°02'10
morning rise	-4014 Aug 09 j 14:36	2°♋47'38	
direct	-4014 Aug 12 j 10:22	2°♋04'03	
asc. node	-4014 Aug 13 j 15:11	2°♋11'53	
morning max el	-4014 Aug 19 j 00:05	5°♋39'10	18°19'50
	-4014 Sep 04 j 10:52	0°♌	
morning set	-4014 Sep 06 j 23:34	4°♌10'07	
superior conj	-4014 Sep 21 j 16:09	27°♌56'20	0°21'42
minimum elong	-4014 Sep 21 j 18:52	28°♌07'07	0°21'27
	-4014 Sep 22 j 23:21	0°♍	
max. Earth dist.	-4014 Sep 24 j 08:34	2°♍11'19	1.44728 AU
desc. node	-4014 Sep 25 j 02:33	3°♍22'17	
evening rise	-4014 Oct 08 j 07:08	24°♍03'01	
	-4014 Oct 12 j 02:35	0°♎	
greatest brilliancy	-4014 Oct 23 j 08:10	17°♎13'04	-0.7m
evening max el	-4014 Nov 01 j 05:55	28°♎50'02	19°30'37
	-4014 Nov 02 j 10:36	0°♏	
retrograde	-4014 Nov 08 j 11:49	3°♏01'47	
asc. node	-4014 Nov 09 j 14:05	2°♏54'52	
evening set	-4014 Nov 11 j 19:52	1°♏56'49	
	-4014 Nov 14 j 02:58	30°℞♎	
inferior conj	-4014 Nov 17 j 11:29	25°♎58'51	2°28'43
minimum elong	-4014 Nov 17 j 08:34	26°♎08'18	2°27'42
min. Earth dist.	-4014 Nov 18 j 15:30	24°♎28'15	0.66135 AU
morning rise	-4014 Nov 22 j 20:32	19°♎45'14	
direct	-4014 Nov 28 j 23:44	17°♎05'15	
morning max el	-4014 Dec 11 j 08:32	24°♎22'13	25°54'23

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4014 Dec 16 j 11:06	0°♏	
desc. node	-4014 Dec 22 j 02:25	7°♏09'23	
	-4013 Jan 06 j 09:28	0°♐	
morning set	-4013 Jan 16 j 13:11	17°♐39'18	
max. Earth dist.	-4013 Jan 20 j 12:16	25°♐06'53	1.35818 AU
	-4013 Jan 23 j 00:27	0°♑	
superior conj	-4013 Jan 25 j 19:21	5°♑33'59	-1°-32'-35
minimum elong	-4013 Jan 25 j 22:29	5°♑49'47	1°32'26
evening rise	-4013 Feb 02 j 17:29	21°♑47'41	
asc. node	-4013 Feb 05 j 13:11	27°♑27'59	
	-4013 Feb 06 j 20:19	0°♒	
evening max el	-4013 Feb 20 j 20:45	20°♒59'38	20°12'07
retrograde	-4013 Mar 03 j 06:18	25°♒55'54	
evening set	-4013 Mar 05 j 13:49	25°♒42'17	
inferior conj	-4013 Mar 14 j 09:46	21°♒43'02	1°31'39
minimum elong	-4013 Mar 14 j 13:32	21°♒37'22	1°30'19
min. Earth dist.	-4013 Mar 16 j 06:37	20°♒36'05	0.55600 AU
desc. node	-4013 Mar 20 j 01:27	18°♒33'45	
morning rise	-4013 Mar 23 j 10:45	17°♒17'42	
direct	-4013 Mar 27 j 05:30	16°♒46'25	
morning max el	-4013 Apr 09 j 21:03	23°♒30'52	23°38'04
	-4013 Apr 15 j 16:11	0°♓	
	-4013 May 03 j 03:22	0°♈	
morning set	-4013 May 03 j 15:34	1°♈03'36	
asc. node	-4013 May 04 j 12:46	2°♈55'09	
superior conj	-4013 May 10 j 18:52	16°♈19'39	1°00'51
minimum elong	-4013 May 10 j 16:31	16°♈07'01	1°00'29
max. Earth dist.	-4013 May 12 j 21:38	20°♈50'18	1.33623 AU
	-4013 May 17 j 07:34	0°♉	
evening rise	-4013 May 18 j 08:37	2°♉06'04	
	-4013 Jun 03 j 00:19	0°♊	
desc. node	-4013 Jun 16 j 00:08	17°♊49'51	
evening max el	-4013 Jun 20 j 23:21	23°♊07'35	27°24'19
	-4013 Jul 01 j 06:27	0°♋	
retrograde	-4013 Jul 04 j 14:21	0°♋31'39	
	-4013 Jul 07 j 18:52	30°℞♊	
evening set	-4013 Jul 11 j 17:37	27°♊50'16	
min. Earth dist.	-4013 Jul 15 j 08:48	24°♊34'22	0.63807 AU
inferior conj	-4013 Jul 17 j 21:47	21°♊55'11	-3°-42'-26
minimum elong	-4013 Jul 18 j 01:25	21°♊45'39	3°41'31
morning rise	-4013 Jul 24 j 11:04	16°♊33'54	
direct	-4013 Jul 27 j 02:19	15°♊59'15	
asc. node	-4013 Jul 31 j 12:15	17°♊35'59	
morning max el	-4013 Aug 02 j 14:51	19°♊24'34	17°59'41
	-4013 Aug 10 j 10:32	0°♋	
morning set	-4013 Aug 19 j 17:56	15°♋46'29	
	-4013 Aug 28 j 02:11	0°♌	
superior conj	-4013 Sep 01 j 10:08	7°♌10'49	1°03'56
minimum elong	-4013 Sep 01 j 15:54	7°♌34'28	1°03'25
max. Earth dist.	-4013 Sep 07 j 01:09	16°♌17'29	1.43984 AU
desc. node	-4013 Sep 11 j 23:29	24°♌06'23	
	-4013 Sep 15 j 18:03	0°♍	
evening rise	-4013 Sep 17 j 14:31	2°♍52'10	
	-4013 Oct 05 j 17:01	0°♎	
greatest brilliancy	-4013 Oct 09 j 02:29	4°♎41'25	-0.5m
evening max el	-4013 Oct 15 j 09:03	12°♎16'10	20°30'09
retrograde	-4013 Oct 23 j 09:08	16°♎59'18	
evening set	-4013 Oct 27 j 02:40	15°♎38'59	
asc. node	-4013 Oct 27 j 11:12	15°♎22'51	
inferior conj	-4013 Nov 01 j 14:15	9°♎29'59	1°41'34
minimum elong	-4013 Nov 01 j 12:04	9°♎37'23	1°40'43
min. Earth dist.	-4013 Nov 02 j 06:16	8°♎35'51	0.66877 AU
morning rise	-4013 Nov 06 j 20:59	3°♎13'03	
direct	-4013 Nov 12 j 09:06	0°♎50'23	
morning max el	-4013 Nov 23 j 17:20	7°♎35'51	24°34'43
desc. node	-4013 Dec 08 j 23:23	26°♎41'20	
	-4013 Dec 11 j 06:31	0°♏	
morning set	-4013 Dec 29 j 15:39	29°♏27'05	
	-4013 Dec 29 j 23:09	0°♐	
max. Earth dist.	-4012 Jan 02 j 10:52	6°♐14'18	1.37661 AU
superior conj	-4012 Jan 09 j 04:27	18°♐53'28	-1°-47'-30
minimum elong	-4012 Jan 09 j 06:53	19°♐05'14	1°47'33
	-4012 Jan 14 j 19:46	0°♑	
evening rise	-4012 Jan 17 j 18:23	5°♑51'50	
asc. node	-4012 Jan 23 j 10:14	16°♑46'49	
	-4012 Jan 31 j 20:30	0°♒	
evening max el	-4012 Feb 03 j 14:15	2°♒59'42	19°11'44
retrograde	-4012 Feb 12 j 09:57	7°♒12'22	
evening set	-4012 Feb 14 j 18:28	6°♒55'40	
inferior conj	-4012 Feb 22 j 22:00	2°♒43'57	2°58'15
minimum elong	-4012 Feb 23 j 02:55	2°♒35'33	2°56'57
min. Earth dist.	-4012 Feb 25 j 21:43	0°♒42'28	0.56863 AU
	-4012 Feb 27 j 00:20	30°℞♑	
morning rise	-4012 Mar 02 j 07:36	27°♑48'10	
desc. node	-4012 Mar 05 j 22:36	26°♑54'29	
direct	-4012 Mar 07 j 07:34	26°♑50'01	
	-4012 Mar 16 j 11:36	0°♒	
morning max el	-4012 Mar 21 j 12:03	4°♒06'13	25°14'50
	-4012 Apr 08 j 23:04	0°♓	
morning set	-4012 Apr 17 j 03:46	16°♓06'12	
asc. node	-4012 Apr 20 j 09:45	23°♓02'14	
	-4012 Apr 23 j 14:38	0°♈	
superior conj	-4012 Apr 24 j 04:53	1°♈17'32	0°38'39
minimum elong	-4012 Apr 24 j 03:15	1°♈08'41	0°38'18
max. Earth dist.	-4012 Apr 25 j 06:33	3°♈36'58	1.32940 AU
evening rise	-4012 May 01 j 10:29	16°♈40'17	
	-4012 May 08 j 06:32	0°♉	
	-4012 May 27 j 22:13	0°♊	
desc. node	-4012 Jun 01 j 21:14	5°♊22'59	
evening max el	-4012 Jun 02 j 06:52	5°♊46'16	27°16'07
retrograde	-4012 Jun 16 j 04:25	13°♊09'37	
evening set	-4012 Jun 23 j 05:40	10°♊48'04	
min. Earth dist.	-4012 Jun 26 j 20:14	7°♊57'21	0.62013 AU
inferior conj	-4012 Jun 29 j 21:55	5°♊06'32	-4°-9'-48
minimum elong	-4012 Jun 30 j 00:21	5°♊00'53	4°09'24
morning rise	-4012 Jul 06 j 21:40	0°♊05'30	
	-4012 Jul 07 j 04:04	30°℞♉	
direct	-4012 Jul 09 j 10:16	29°♉37'34	
	-4012 Jul 11 j 15:39	0°♊	
morning max el	-4012 Jul 16 j 05:13	3°♊02'32	17°57'52
asc. node	-4012 Jul 17 j 09:17	4°♊15'55	
morning set	-4012 Aug 01 j 09:07	28°♊22'20	
	-4012 Aug 02 j 06:43	0°♋	
superior conj	-4012 Aug 12 j 07:23	17°♋46'29	1°32'14
minimum elong	-4012 Aug 12 j 12:01	18°♋06'27	1°32'01
max. Earth dist.	-4012 Aug 19 j 12:48	29°♋54'59	1.42629 AU
	-4012 Aug 19 j 14:01	0°♌	
evening rise	-4012 Aug 26 j 20:25	11°♌39'36	
desc. node	-4012 Aug 28 j 20:26	14°♌47'19	
	-4012 Sep 07 j 21:11	0°♍	
greatest brilliancy	-4012 Sep 22 j 07:22	20°♍02'06	-0.4m
evening max el	-4012 Sep 27 j 05:58	25°♍41'32	21°41'40
	-4012 Oct 02 j 14:31	0°♎	
retrograde	-4012 Oct 06 j 05:30	1°♎01'35	
	-4012 Oct 09 j 13:59	30°℞♍	
evening set	-4012 Oct 10 j 10:42	29°♍23'33	
asc. node	-4012 Oct 13 j 08:18	26°♍25'07	
inferior conj	-4012 Oct 15 j 19:52	23°♍07'11	0°50'35

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4012 Oct 15 j 18:43	23°♍11'10	0°50'08
min. Earth dist.	-4012 Oct 16 j 01:08	22°♍49'02	0.67300 AU
morning rise	-4012 Oct 21 j 02:29	16°♍49'49	
direct	-4012 Oct 25 j 23:18	14°♍48'04	
morning max el	-4012 Nov 05 j 03:08	20°♍52'08	23°08'26
greatest brilliancy	-4012 Nov 10 j 05:11	26°♍35'43	-0.3m
	-4012 Nov 12 j 22:10	0°♎	
desc. node	-4012 Nov 24 j 20:20	16°♎39'36	
	-4012 Dec 03 j 13:12	0°♏	
morning set	-4012 Dec 09 j 16:10	9°♏56'11	
max. Earth dist.	-4012 Dec 14 j 06:33	17°♏43'49	1.39717 AU
	-4012 Dec 21 j 04:04	0°♐	
superior conj	-4012 Dec 21 j 22:36	1°♐25'03	-1°-54'-33
minimum elong	-4012 Dec 21 j 23:00	1°♐26'56	1°54'43
evening rise	-4012 Dec 31 j 10:55	19°♐26'07	
	-4011 Jan 06 j 01:47	0°♑	
asc. node	-4011 Jan 09 j 07:17	5°♑36'42	
evening max el	-4011 Jan 16 j 16:45	15°♑32'17	18°31'16
retrograde	-4011 Jan 24 j 07:41	19°♑15'47	
evening set	-4011 Jan 26 j 19:04	18°♑53'33	
inferior conj	-4011 Feb 03 j 06:23	14°♑22'12	3°47'11
minimum elong	-4011 Feb 03 j 09:15	14°♑16'31	3°46'40
min. Earth dist.	-4011 Feb 06 j 15:40	11°♑42'21	0.58676 AU
morning rise	-4011 Feb 10 j 19:53	9°♑00'35	
direct	-4011 Feb 16 j 23:09	7°♑24'25	
desc. node	-4011 Feb 20 j 19:41	8°♑01'25	
morning max el	-4011 Mar 03 j 05:26	14°♑57'09	26°35'15
	-4011 Mar 15 j 08:26	0°♒	
	-4011 Apr 01 j 02:18	0°♓	
morning set	-4011 Apr 01 j 14:45	1°♓04'52	
asc. node	-4011 Apr 07 j 06:44	13°♓14'52	
superior conj	-4011 Apr 08 j 16:28	16°♓19'22	0°14'39
minimum elong	-4011 Apr 08 j 15:49	16°♓15'51	0°14'27
behind sun begin	-4011 Apr 08 j 13:49	16°♓04'53	
behind sun end	-4011 Apr 08 j 17:49	16°♓26'48	
max. Earth dist.	-4011 Apr 08 j 19:20	16°♓35'07	1.32607 AU
	-4011 Apr 15 j 00:31	0°♈	
evening rise	-4011 Apr 15 j 17:43	1°♈30'01	
	-4011 May 01 j 08:29	0°♉	
evening max el	-4011 May 15 j 09:11	17°♉45'38	26°35'08
desc. node	-4011 May 19 j 18:21	21°♉25'58	
retrograde	-4011 May 29 j 10:47	25°♉05'15	
evening set	-4011 Jun 04 j 22:46	23°♉16'46	
min. Earth dist.	-4011 Jun 08 j 22:33	20°♉35'39	0.59998 AU
inferior conj	-4011 Jun 12 j 07:16	17°♉52'19	-4°-18'-47
minimum elong	-4011 Jun 12 j 07:04	17°♉52'45	4°18'41
morning rise	-4011 Jun 19 j 18:49	13°♉13'02	
direct	-4011 Jun 22 j 06:19	12°♉50'10	
morning max el	-4011 Jun 29 j 16:19	16°♉25'28	18°15'17
asc. node	-4011 Jul 04 j 06:18	21°♉56'23	
	-4011 Jul 09 j 06:43	0°♊	
morning set	-4011 Jul 15 j 15:51	11°♊44'24	
superior conj	-4011 Jul 25 j 06:22	29°♊39'00	1°46'23
minimum elong	-4011 Jul 25 j 08:18	29°♊47'48	1°46'29
	-4011 Jul 25 j 11:00	0°♋	
max. Earth dist.	-4011 Aug 01 j 18:41	12°♋51'57	1.40858 AU
evening rise	-4011 Aug 06 j 19:53	21°♋17'44	
	-4011 Aug 12 j 06:23	0°♌	
desc. node	-4011 Aug 15 j 17:25	5°♌21'22	
	-4011 Sep 02 j 01:22	0°♍	
greatest brilliancy	-4011 Sep 04 j 17:02	3°♍19'10	-0.3m
evening max el	-4011 Sep 09 j 21:19	9°♍07'22	23°00'45
retrograde	-4011 Sep 19 j 23:19	15°♍05'53	
evening set	-4011 Sep 24 j 18:10	13°♍08'24	

inferior conj	-4011 Sep 30 j 02:30	6°♍48'19	0°-2'-28
minimum elong	-4011 Sep 30 j 02:33	6°♍48'07	0°02'23
transit middle	-4011 Sep 30 j 02:33	6°♍48'07	0°02'23
transit begin	-4011 Sep 29 j 23:53	6°♍57'20	
transit end	-4011 Sep 30 j 05:13	6°♍38'55	
min. Earth dist.	-4011 Sep 29 j 21:33	7°♍05'21	0.67427 AU
asc. node	-4011 Sep 30 j 05:24	6°♍38'19	
morning rise	-4011 Oct 05 j 10:53	0°♍33'40	
	-4011 Oct 06 j 05:36	30°℞♌	
direct	-4011 Oct 09 j 17:25	28°♌53'20	
	-4011 Oct 13 j 12:15	0°♍	
morning max el	-4011 Oct 18 j 17:01	4°♍12'54	21°44'17
greatest brilliancy	-4011 Oct 23 j 16:47	9°♍55'50	-0.4m
	-4011 Nov 07 j 02:35	0°♎	
desc. node	-4011 Nov 11 j 17:15	6°♎56'08	
morning set	-4011 Nov 19 j 11:57	19°♎02'18	
	-4011 Nov 26 j 06:07	0°♏	
max. Earth dist.	-4011 Nov 26 j 06:48	0°♏02'50	1.41720 AU
superior conj	-4011 Dec 03 j 20:17	12°♏54'19	-1°-50'-13
minimum elong	-4011 Dec 03 j 17:18	12°♏41'18	1°50'12
	-4011 Dec 13 j 08:43	0°♐	
evening rise	-4011 Dec 14 j 15:43	2°♐22'18	
asc. node	-4011 Dec 27 j 04:21	23°♐47'43	
evening max el	-4011 Dec 31 j 01:28	28°♐28'11	18°10'48
	-4010 Jan 01 j 19:33	0°♑	
retrograde	-4010 Jan 06 j 22:43	1°♑57'50	
evening set	-4010 Jan 09 j 12:53	1°♑28'48	
	-4010 Jan 12 j 07:25	30°℞♐	
inferior conj	-4010 Jan 16 j 10:20	26°♐35'14	4°03'04
minimum elong	-4010 Jan 16 j 10:24	26°♐35'05	4°02'53
min. Earth dist.	-4010 Jan 19 j 15:07	23°♐40'30	0.60689 AU
morning rise	-4010 Jan 23 j 05:14	20°♐55'13	
direct	-4010 Jan 30 j 01:33	18°♐42'06	
desc. node	-4010 Feb 07 j 16:46	21°♐48'02	
morning max el	-4010 Feb 13 j 04:33	26°♐22'19	27°26'43
	-4010 Feb 16 j 15:00	0°♑	
	-4010 Mar 08 j 18:43	0°♒	
morning set	-4010 Mar 16 j 22:42	15°♒52'28	
max. Earth dist.	-4010 Mar 23 j 08:22	29°♒31'36	1.32611 AU
	-4010 Mar 23 j 13:34	0°♓	
superior conj	-4010 Mar 24 j 03:58	1°♓18'35	0°-10'-20
minimum elong	-4010 Mar 24 j 04:26	1°♓21'08	0°10'20
behind sun begin	-4010 Mar 24 j 00:36	1°♓00'10	
behind sun end	-4010 Mar 24 j 08:16	1°♓42'06	
asc. node	-4010 Mar 25 j 03:44	3°♓28'29	
evening rise	-4010 Mar 31 j 04:06	16°♓27'01	
	-4010 Apr 06 j 23:11	0°♈	
evening max el	-4010 Apr 27 j 05:23	29°♈04'04	25°25'05
	-4010 Apr 28 j 05:28	0°♉	
desc. node	-4010 May 06 j 15:29	5°♉24'32	
retrograde	-4010 May 11 j 07:09	6°♉15'17	
evening set	-4010 May 16 j 18:12	5°♉05'19	
min. Earth dist.	-4010 May 21 j 17:47	2°♉17'17	0.57999 AU
inferior conj	-4010 May 24 j 22:21	0°♉03'20	-4°00'00
minimum elong	-4010 May 24 j 18:37	0°♉09'56	3°59'27
	-4010 May 25 j 00:15	30°℞♈	
morning rise	-4010 Jun 01 j 23:03	25°♈45'18	
direct	-4010 Jun 04 j 10:19	25°♈26'24	
morning max el	-4010 Jun 12 j 21:17	29°♈24'48	18°52'50
	-4010 Jun 13 j 11:48	0°♉	
asc. node	-4010 Jun 21 j 03:20	10°♉23'58	
morning set	-4010 Jun 29 j 09:54	25°♉42'13	
	-4010 Jul 01 j 14:27	0°♊	
superior conj	-4010 Jul 08 j 01:38	12°♊33'49	1°48'54

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4010 Jul 08 j 01:10	12°♊31'37	1°49'04	
max. Earth dist.	-4010 Jul 14 j 20:59	25°♊08'46	1.38911 AU	
	-4010 Jul 17 j 15:00	0°♋		
evening rise	-4010 Jul 18 j 21:24	2°♋11'30		
desc. node	-4010 Aug 02 j 14:26	25°♋44'17		
	-4010 Aug 05 j 12:08	0°♌		
evening max el	-4010 Aug 23 j 09:11	22°♌36'00	24°21'13	
retrograde	-4010 Sep 03 j 13:32	29°♌09'27		
evening set	-4010 Sep 08 j 23:23	26°♌52'24		
min. Earth dist.	-4010 Sep 13 j 17:04	21°♌23'48	0.67254 AU	
inferior conj	-4010 Sep 14 j 08:27	20°♌32'00	0°-55'-56	
minimum elong	-4010 Sep 14 j 09:45	20°♌27'36	0°55'18	
asc. node	-4010 Sep 17 j 02:29	17°♌00'37		
morning rise	-4010 Sep 19 j 20:22	14°♌23'20		
direct	-4010 Sep 23 j 14:18	13°♌02'53		
morning max el	-4010 Oct 01 j 13:44	17°♌42'22	20°28'56	
greatest brilliancy	-4010 Oct 08 j 00:31	25°♌28'22	-0.5m	
	-4010 Oct 11 j 07:17	0°♍		
morning set	-4010 Oct 29 j 12:11	27°♍17'55		
desc. node	-4010 Oct 29 j 14:12	27°♍25'45		
	-4010 Oct 31 j 05:52	0°♎		
max. Earth dist.	-4010 Nov 08 j 15:05	13°♎16'36	1.43374 AU	
superior conj	-4010 Nov 14 j 16:11	23°♎09'02	-1°-30'-44	
minimum elong	-4010 Nov 14 j 09:48	22°♎42'37	1°30'15	
	-4010 Nov 18 j 18:20	0°♏		
evening rise	-4010 Nov 27 j 04:45	14°♏32'47		
	-4010 Dec 06 j 03:56	0°♐		
asc. node	-4010 Dec 14 j 01:25	11°♐08'25		
evening max el	-4010 Dec 14 j 13:30	11°♐39'48	18°09'48	
retrograde	-4010 Dec 21 j 03:08	15°♐08'38		
evening set	-4010 Dec 23 j 20:21	14°♐31'52		
inferior conj	-4010 Dec 30 j 06:36	9°♐16'48	3°54'41	
minimum elong	-4010 Dec 30 j 04:37	9°♐22'00	3°54'18	
min. Earth dist.	-4009 Jan 01 j 23:10	6°♐29'34	0.62607 AU	
morning rise	-4009 Jan 05 j 10:59	3°♐23'19		
direct	-4009 Jan 12 j 12:33	0°♐44'29		
desc. node	-4009 Jan 25 j 13:50	7°♐40'17		
morning max el	-4009 Jan 26 j 09:42	8°♐28'10	27°42'37	
	-4009 Feb 12 j 01:46	0°♑		
	-4009 Feb 28 j 21:13	0°♒		
morning set	-4009 Mar 01 j 01:26	0°♒21'21		
max. Earth dist.	-4009 Mar 06 j 17:47	12°♒12'38	1.32971 AU	
superior conj	-4009 Mar 08 j 13:43	16°♒09'02	0°-35'-24	
minimum elong	-4009 Mar 08 j 15:18	16°♒17'33	0°35'12	
asc. node	-4009 Mar 12 j 00:45	23°♒38'51		
	-4009 Mar 14 j 23:50	0°♓		
evening rise	-4009 Mar 15 j 15:44	1°♓24'04		
	-4009 Mar 31 j 14:31	0°♈		
evening max el	-4009 Apr 08 j 21:28	9°♈52'34	23°55'57	
retrograde	-4009 Apr 22 j 15:26	16°♈45'04		
desc. node	-4009 Apr 23 j 12:37	16°♈43'18		
evening set	-4009 Apr 26 j 18:42	16°♈07'11		
min. Earth dist.	-4009 May 03 j 08:57	12°♈58'41	0.56334 AU	
inferior conj	-4009 May 05 j 17:17	11°♈32'17	-3°-3'-39	
minimum elong	-4009 May 05 j 11:21	11°♈41'26	3°02'10	
morning rise	-4009 May 14 j 07:49	7°♈30'53		
direct	-4009 May 16 j 19:28	7°♈14'51		
morning max el	-4009 May 26 j 17:26	11°♈50'57	19°50'51	
asc. node	-4009 Jun 08 j 00:22	29°♈27'02		
	-4009 Jun 08 j 07:29	0°♉		
morning set	-4009 Jun 13 j 11:55	10°♉06'23		
superior conj	-4009 Jun 21 j 11:42	26°♉15'02	1°42'37	
minimum elong	-4009 Jun 21 j 09:43	26°♉05'12	1°42'38	
	-4009 Jun 23 j 09:17	0°♊		

max. Earth dist.	-4009 Jun 27 j 00:21	6°♊58'48	1.37035 AU	
evening rise	-4009 Jun 30 j 23:21	14°♊17'44		
	-4009 Jul 10 j 03:07	0°♋		
desc. node	-4009 Jul 20 j 11:29	15°♋49'43		
	-4009 Jul 31 j 05:25	0°♌		
evening max el	-4009 Aug 05 j 19:50	6°♌06'42	25°35'44	
retrograde	-4009 Aug 17 j 23:28	13°♌07'15		
evening set	-4009 Aug 24 j 00:25	10°♌33'06		
min. Earth dist.	-4009 Aug 28 j 09:15	5°♌41'40	0.66756 AU	
inferior conj	-4009 Aug 29 j 11:56	4°♌15'42	-1°-48'-13	
minimum elong	-4009 Aug 29 j 14:25	4°♌07'41	1°47'09	
	-4009 Sep 02 j 02:31	30°℞♋		
asc. node	-4009 Sep 03 j 23:36	28°♋25'06		
morning rise	-4009 Sep 04 j 05:00	28°♋16'12		
direct	-4009 Sep 07 j 12:26	27°♋12'46		
	-4009 Sep 13 j 07:56	0°♌		
morning max el	-4009 Sep 14 j 17:44	1°♌20'32	19°26'30	
greatest brilliancy	-4009 Sep 24 j 04:49	13°♌39'38	-0.7m	
	-4009 Oct 04 j 21:33	0°♍		
morning set	-4009 Oct 08 j 14:49	5°♍47'30		
desc. node	-4009 Oct 16 j 11:10	18°♍03'45		
max. Earth dist.	-4009 Oct 22 j 05:34	27°♍08'55	1.44449 AU	
	-4009 Oct 24 j 00:41	0°♎		
superior conj	-4009 Oct 25 j 08:59	2°♎08'35	0°-54'-34	
minimum elong	-4009 Oct 25 j 02:45	1°♎43'43	0°53'51	
evening rise	-4009 Nov 08 j 21:20	25°♎48'08		
	-4009 Nov 11 j 09:49	0°♏		
evening max el	-4009 Nov 28 j 02:05	25°♏00'53	18°27'34	
asc. node	-4009 Nov 30 j 22:29	27°♏25'00		
retrograde	-4009 Dec 04 j 16:35	28°♏39'40		
evening set	-4009 Dec 07 j 13:59	27°♏53'47		
inferior conj	-4009 Dec 13 j 15:26	22°♏19'41	3°29'40	
minimum elong	-4009 Dec 13 j 12:26	22°♏28'22	3°28'54	
min. Earth dist.	-4009 Dec 15 j 17:22	19°♏55'53	0.64246 AU	
morning rise	-4009 Dec 19 j 09:32	16°♏16'08		
direct	-4009 Dec 26 j 06:56	13°♏26'20		
morning max el	-4008 Jan 08 j 18:39	21°♏08'27	27°23'07	
desc. node	-4008 Jan 12 j 10:54	25°♏03'56		
	-4008 Jan 16 j 12:55	0°♐		
	-4008 Feb 05 j 03:27	0°♑		
morning set	-4008 Feb 12 j 20:16	14°♑22'43		
max. Earth dist.	-4008 Feb 17 j 19:34	24°♑25'19	1.33724 AU	
	-4008 Feb 20 j 11:26	0°♒		
superior conj	-4008 Feb 20 j 19:54	0°♒44'48	0°-59'-33	
minimum elong	-4008 Feb 20 j 22:26	0°♒58'11	0°59'16	
asc. node	-4008 Feb 26 j 21:47	13°♒41'52		
evening rise	-4008 Feb 28 j 02:54	16°♒14'59		
	-4008 Mar 06 j 01:30	0°♓		
evening max el	-4008 Mar 20 j 15:07	20°♓37'04	22°21'51	
retrograde	-4008 Apr 02 j 11:56	26°♓53'32		
evening set	-4008 Apr 05 j 11:28	26°♓33'57		
desc. node	-4008 Apr 09 j 09:46	25°♓14'39		
min. Earth dist.	-4008 Apr 13 j 23:07	22°♓52'27	0.55335 AU	
inferior conj	-4008 Apr 14 j 19:16	22°♓23'51	-1°-28'-18	
minimum elong	-4008 Apr 14 j 15:20	22°♓29'26	1°27'03	
morning rise	-4008 Apr 23 j 21:08	18°♓26'41		
direct	-4008 Apr 26 j 12:26	18°♓10'48		
morning max el	-4008 May 08 j 03:03	23°♓37'32	21°08'12	
	-4008 May 13 j 17:02	0°♈		
asc. node	-4008 May 24 j 21:26	18°♈56'59		
morning set	-4008 May 27 j 19:19	24°♈50'00		
	-4008 May 30 j 07:08	0°♉		
superior conj	-4008 Jun 04 j 08:14	10°♉30'15	1°29'53	
minimum elong	-4008 Jun 04 j 05:37	10°♉16'41	1°29'42	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4008 Jun 08 j 10:27	18°♉48'10	1.35429 AU
evening rise	-4008 Jun 12 j 20:44	27°♉23'49	
	-4008 Jun 14 j 06:04	0°♊	
	-4008 Jul 02 j 10:22	0°♋	
desc. node	-4008 Jul 06 j 08:31	5°♋29'57	
evening max el	-4008 Jul 18 j 06:50	19°♋36'13	26°36'09
retrograde	-4008 Jul 31 j 04:39	26°♋53'22	
evening set	-4008 Aug 06 j 19:05	24°♋08'16	
min. Earth dist.	-4008 Aug 10 j 19:49	19°♋55'27	0.65905 AU
inferior conj	-4008 Aug 12 j 11:02	17°♋56'57	-2°-37'-26
minimum elong	-4008 Aug 12 j 14:26	17°♋46'40	2°36'09
morning rise	-4008 Aug 18 j 10:48	12°♋09'44	
asc. node	-4008 Aug 20 j 20:44	11°♋21'44	
direct	-4008 Aug 21 j 10:03	11°♋20'00	
morning max el	-4008 Aug 28 j 03:42	15°♋04'48	18°39'21
	-4008 Sep 08 j 00:27	0°♌	
morning set	-4008 Sep 17 j 15:12	15°♌22'50	
	-4008 Sep 26 j 18:51	0°♍	
desc. node	-4008 Oct 02 j 08:05	8°♍46'31	
superior conj	-4008 Oct 03 j 09:15	10°♍25'42	0°-6'-39
minimum elong	-4008 Oct 03 j 08:23	10°♍22'17	0°06'29
behind sun begin	-4008 Oct 02 j 21:49	9°♍40'39	
behind sun end	-4008 Oct 03 j 18:57	11°♍03'55	
max. Earth dist.	-4008 Oct 03 j 22:59	11°♍19'47	1.44831 AU
	-4008 Oct 15 j 18:53	0°♎	
evening rise	-4008 Oct 19 j 13:27	5°♎59'46	
	-4008 Nov 03 j 22:10	0°♏	
evening max el	-4008 Nov 10 j 12:40	8°♏26'18	19°02'58
asc. node	-4008 Nov 16 j 19:36	12°♏21'32	
retrograde	-4008 Nov 17 j 11:11	12°♏23'55	
evening set	-4008 Nov 20 j 14:39	11°♏26'48	
inferior conj	-4008 Nov 26 j 09:21	5°♏36'46	2°53'19
minimum elong	-4008 Nov 26 j 06:13	5°♏46'34	2°52'19
min. Earth dist.	-4008 Nov 27 j 21:03	3°♏45'17	0.65544 AU
	-4008 Dec 01 j 05:51	30°℞♎	
morning rise	-4008 Dec 01 j 20:48	29°♎25'55	
direct	-4008 Dec 08 j 07:47	26°♎38'59	
	-4008 Dec 16 j 10:54	0°♏	
morning max el	-4008 Dec 21 j 04:23	4°♏09'31	26°33'25
desc. node	-4008 Dec 29 j 07:55	13°♏31'25	
	-4007 Jan 09 j 23:03	0°♐	
morning set	-4007 Jan 26 j 03:25	27°♐43'41	
	-4007 Jan 27 j 08:04	0°♑	
max. Earth dist.	-4007 Jan 30 j 10:12	6°♑01'17	1.34920 AU
superior conj	-4007 Feb 03 j 20:13	14°♑57'43	-1°-21'-33
minimum elong	-4007 Feb 03 j 23:19	15°♑13'40	1°21'18
evening rise	-4007 Feb 11 j 11:40	0°♒52'22	
	-4007 Feb 11 j 01:31	0°♒	
asc. node	-4007 Feb 12 j 18:48	3°♒31'59	
	-4007 Mar 01 j 00:00	0°♓	
evening max el	-4007 Mar 02 j 16:18	1°♓42'32	20°55'16
retrograde	-4007 Mar 14 j 01:35	7°♓08'18	
evening set	-4007 Mar 16 j 11:04	6°♓54'48	
inferior conj	-4007 Mar 25 j 14:31	2°♓57'00	0°27'56
minimum elong	-4007 Mar 25 j 15:48	2°♓55'11	0°27'24
min. Earth dist.	-4007 Mar 26 j 13:23	2°♓24'18	0.55234 AU
desc. node	-4007 Mar 27 j 06:55	1°♓59'28	
	-4007 Mar 31 j 04:16	30°℞♒	
morning rise	-4007 Apr 03 j 19:19	28°♒45'55	
direct	-4007 Apr 07 j 00:25	28°♒23'25	
	-4007 Apr 13 j 13:11	0°♓	
morning max el	-4007 Apr 20 j 02:11	4°♓43'13	22°40'54
	-4007 May 07 j 09:32	0°♈	
asc. node	-4007 May 11 j 18:27	8°♈45'45	
morning set	-4007 May 12 j 05:59	9°♈45'43	
superior conj	-4007 May 19 j 11:54	25°♈08'20	1°12'28
minimum elong	-4007 May 19 j 09:18	24°♈54'32	1°12'08
	-4007 May 21 j 19:21	0°♉	
max. Earth dist.	-4007 May 22 j 06:29	0°♉57'57	1.34177 AU
evening rise	-4007 May 27 j 08:19	11°♉14'11	
	-4007 Jun 06 j 14:31	0°♊	
desc. node	-4007 Jun 23 j 05:36	24°♊34'09	
	-4007 Jun 27 j 21:17	0°♋	
evening max el	-4007 Jun 30 j 18:11	2°♋56'32	27°14'45
retrograde	-4007 Jul 14 j 04:32	10°♋20'09	
evening set	-4007 Jul 21 j 04:40	7°♋34'00	
min. Earth dist.	-4007 Jul 24 j 22:38	3°♋58'33	0.64677 AU
inferior conj	-4007 Jul 27 j 03:30	1°♋31'59	-3°-21'-7
minimum elong	-4007 Jul 27 j 07:17	1°♋21'27	3°19'59
	-4007 Jul 28 j 13:13	30°℞♊	
morning rise	-4007 Aug 02 j 11:25	26°♊00'08	
direct	-4007 Aug 05 j 04:52	25°♊20'47	
asc. node	-4007 Aug 07 j 17:50	25°♊54'41	
morning max el	-4007 Aug 11 j 17:24	28°♊51'06	18°09'01
	-4007 Aug 12 j 19:14	0°♋	
morning set	-4007 Aug 29 j 19:07	26°♋17'48	
	-4007 Sep 01 j 00:08	0°♌	
superior conj	-4007 Sep 12 j 15:02	19°♌03'21	0°41'05
minimum elong	-4007 Sep 12 j 19:40	19°♌21'53	0°40'37
max. Earth dist.	-4007 Sep 16 j 16:30	25°♌32'07	1.44489 AU
desc. node	-4007 Sep 19 j 05:00	29°♌31'10	
	-4007 Sep 19 j 12:19	0°♍	
evening rise	-4007 Sep 29 j 05:59	15°♍11'36	
	-4007 Oct 08 j 20:55	0°♎	
greatest brilliancy	-4007 Oct 17 j 06:27	12°♎25'29	-0.6m
evening max el	-4007 Oct 24 j 19:04	21°♎53'18	19°54'22
retrograde	-4007 Nov 01 j 08:05	26°♎17'33	
asc. node	-4007 Nov 03 j 16:43	25°♎45'14	
evening set	-4007 Nov 04 j 19:50	25°♎06'34	
inferior conj	-4007 Nov 10 j 09:33	19°♎03'44	2°09'21
minimum elong	-4007 Nov 10 j 06:54	19°♎12'31	2°08'22
min. Earth dist.	-4007 Nov 11 j 08:23	17°♎48'20	0.66489 AU
morning rise	-4007 Nov 15 j 17:18	12°♎48'22	
direct	-4007 Nov 21 j 14:21	10°♎14'42	
morning max el	-4007 Dec 03 j 13:16	17°♎20'04	25°21'54
	-4007 Dec 14 j 04:32	0°♏	
desc. node	-4007 Dec 16 j 04:53	2°♏44'00	
	-4006 Jan 02 j 22:27	0°♐	
morning set	-4006 Jan 08 j 18:00	10°♐10'08	
max. Earth dist.	-4006 Jan 12 j 13:13	17°♐10'01	1.36559 AU
superior conj	-4006 Jan 18 j 11:55	28°♐39'53	-1°-39'-41
minimum elong	-4006 Jan 18 j 14:53	28°♐54'38	1°39'37
	-4006 Jan 19 j 04:01	0°♑	
evening rise	-4006 Jan 26 j 16:04	15°♑10'30	
asc. node	-4006 Jan 30 j 15:48	23°♑04'02	
	-4006 Feb 03 j 10:18	0°♒	
evening max el	-4006 Feb 13 j 03:57	13°♒22'34	19°44'06
retrograde	-4006 Feb 22 j 20:23	17°♒58'07	
evening set	-4006 Feb 25 j 03:58	17°♒43'35	
inferior conj	-4006 Mar 05 j 17:15	13°♒40'43	2°12'43
minimum elong	-4006 Mar 05 j 22:02	13°♒33'11	2°11'12
min. Earth dist.	-4006 Mar 08 j 03:47	12°♒09'07	0.56057 AU
desc. node	-4006 Mar 14 j 04:02	9°♒09'38	
morning rise	-4006 Mar 14 j 12:47	9°♒02'31	
direct	-4006 Mar 18 j 19:49	8°♒21'19	
morning max el	-4006 Apr 01 j 18:12	15°♒21'29	24°20'04
	-4006 Apr 13 j 08:24	0°♓	
morning set	-4006 Apr 26 j 18:07	24°♓47'35	
asc. node	-4006 Apr 28 j 15:25	28°♓47'33	
	-4006 Apr 29 j 04:57	0°♈	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4006 May 03 j 20:10	10°♈01'00	0°51'43
minimum elong	-4006 May 03 j 18:05	9°♈49'43	0°51'20
max. Earth dist.	-4006 May 05 j 11:40	13°♈33'35	1.33296 AU
evening rise	-4006 May 11 j 05:56	25°♈35'49	
	-4006 May 13 j 10:59	0°♉	
	-4006 May 31 j 02:01	0°♊	
desc. node	-4006 Jun 10 j 02:42	12°♊46'45	
evening max el	-4006 Jun 13 j 04:01	15°♊54'53	27°24'54
retrograde	-4006 Jun 26 j 22:12	23°♊18'28	
evening set	-4006 Jul 04 j 01:42	20°♊44'10	
min. Earth dist.	-4006 Jul 07 j 15:57	17°♊40'12	0.63080 AU
inferior conj	-4006 Jul 10 j 10:32	14°♊54'28	-3°-55'-51
minimum elong	-4006 Jul 10 j 13:49	14°♊46'16	3°55'09
morning rise	-4006 Jul 17 j 04:04	9°♊41'11	
direct	-4006 Jul 19 j 17:58	9°♊09'34	
asc. node	-4006 Jul 25 j 14:54	11°♊52'48	
morning max el	-4006 Jul 26 j 08:15	12°♊33'41	17°56'33
	-4006 Aug 07 j 04:42	0°♋	
morning set	-4006 Aug 11 j 23:04	8°♋21'34	
superior conj	-4006 Aug 23 j 20:09	28°♋50'46	1°17'47
minimum elong	-4006 Aug 24 j 01:49	29°♋14'28	1°17'22
	-4006 Aug 24 j 12:44	0°♌	
max. Earth dist.	-4006 Aug 30 j 07:24	9°♌28'35	1.43475 AU
desc. node	-4006 Sep 06 j 01:57	20°♌14'23	
evening rise	-4006 Sep 08 j 10:09	23°♌53'21	
	-4006 Sep 12 j 09:26	0°♍	
greatest brilliancy	-4006 Oct 02 j 06:06	28°♍46'17	-0.5m
	-4006 Oct 03 j 05:10	0°♎	
evening max el	-4006 Oct 07 j 19:41	5°♎19'22	20°59'25
retrograde	-4006 Oct 16 j 05:02	10°♎17'10	
evening set	-4006 Oct 20 j 03:20	8°♎49'32	
asc. node	-4006 Oct 21 j 13:50	7°♎33'44	
inferior conj	-4006 Oct 25 j 13:44	2°♎37'13	1°20'18
minimum elong	-4006 Oct 25 j 11:57	2°♎43'17	1°19'36
min. Earth dist.	-4006 Oct 26 j 01:04	1°♎58'29	0.67099 AU
	-4006 Oct 27 j 12:31	30°℞♍	
morning rise	-4006 Oct 30 j 20:10	26°♍19'58	
direct	-4006 Nov 05 j 01:50	24°♍05'51	
	-4006 Nov 15 j 08:20	0°♎	
morning max el	-4006 Nov 15 j 21:56	0°♎33'50	23°58'15
desc. node	-4006 Dec 03 j 01:50	22°♎28'04	
	-4006 Dec 08 j 03:32	0°♏	
morning set	-4006 Dec 21 j 10:00	21°♏25'10	
max. Earth dist.	-4006 Dec 25 j 09:34	28°♏22'15	1.38528 AU
	-4006 Dec 26 j 07:28	0°♐	
superior conj	-4005 Jan 01 j 15:13	11°♐40'24	-1°-51'-39
minimum elong	-4005 Jan 01 j 16:58	11°♐48'43	1°51'46
evening rise	-4005 Jan 10 j 13:43	29°♐02'30	
	-4005 Jan 11 j 01:28	0°♑	
asc. node	-4005 Jan 17 j 12:50	12°♑11'22	
evening max el	-4005 Jan 27 j 01:33	25°♑37'09	18°52'03
retrograde	-4005 Feb 04 j 07:27	29°♑35'21	
evening set	-4005 Feb 06 j 17:20	29°♑16'21	
inferior conj	-4005 Feb 14 j 13:43	24°♑56'34	3°23'33
minimum elong	-4005 Feb 14 j 18:00	24°♑48'45	3°22'35
min. Earth dist.	-4005 Feb 17 j 19:27	22°♑36'32	0.57591 AU
morning rise	-4005 Feb 22 j 14:58	19°♑49'19	
direct	-4005 Feb 28 j 03:31	18°♑35'51	
desc. node	-4005 Mar 01 j 01:08	18°♑37'50	
morning max el	-4005 Mar 14 j 09:23	25°♑59'38	25°51'56
	-4005 Mar 18 j 04:01	0°♒	
	-4005 Apr 06 j 09:27	0°♓	
morning set	-4005 Apr 11 j 06:03	9°♓49'47	
asc. node	-4005 Apr 15 j 12:23	18°♓57'46	
superior conj	-4005 Apr 18 j 07:04	25°♓01'38	0°28'38
minimum elong	-4005 Apr 18 j 05:50	24°♓54'54	0°28'21
max. Earth dist.	-4005 Apr 18 j 22:56	26°♓28'13	1.32763 AU
	-4005 Apr 20 j 13:53	0°♈	
evening rise	-4005 Apr 25 j 10:26	10°♈18'16	
	-4005 May 05 j 18:17	0°♉	
evening max el	-4005 May 26 j 09:45	28°♉18'48	27°02'36
desc. node	-4005 May 27 j 23:49	29°♉46'00	
	-4005 May 28 j 06:16	0°♊	
retrograde	-4005 Jun 09 j 08:55	5°♊40'02	
evening set	-4005 Jun 16 j 06:12	3°♊31'17	
min. Earth dist.	-4005 Jun 19 j 23:14	0°♊46'53	0.61177 AU
	-4005 Jun 20 j 21:09	30°℞♉	
inferior conj	-4005 Jun 23 j 04:53	27°♉56'53	-4°-16'-21
minimum elong	-4005 Jun 23 j 06:22	27°♉53'37	4°16'09
morning rise	-4005 Jun 30 j 09:28	23°♉04'54	
direct	-4005 Jul 02 j 21:37	22°♉39'07	
morning max el	-4005 Jul 09 j 21:36	26°♉06'44	18°02'53
asc. node	-4005 Jul 12 j 11:56	29°♉00'47	
	-4005 Jul 13 j 06:13	0°♊	
morning set	-4005 Jul 25 j 21:32	21°♊19'29	
	-4005 Jul 30 j 14:51	0°♋	
superior conj	-4005 Aug 05 j 05:01	10°♋01'25	1°39'50
minimum elong	-4005 Aug 05 j 08:33	10°♋16'59	1°39'47
max. Earth dist.	-4005 Aug 12 j 17:17	22°♋52'50	1.41920 AU
	-4005 Aug 17 j 01:29	0°♌	
evening rise	-4005 Aug 18 j 21:49	2°♌57'54	
desc. node	-4005 Aug 23 j 22:56	10°♌53'15	
	-4005 Sep 05 j 19:51	0°♍	
greatest brilliancy	-4005 Sep 15 j 20:25	13°♍24'11	-0.3m
evening max el	-4005 Sep 20 j 14:06	18°♍44'48	22°14'37
retrograde	-4005 Sep 30 j 00:26	24°♍20'55	
evening set	-4005 Oct 04 j 11:21	22°♍34'28	
asc. node	-4005 Oct 08 j 10:57	18°♍08'57	
inferior conj	-4005 Oct 09 j 19:59	16°♍16'03	0°28'13
minimum elong	-4005 Oct 09 j 19:19	16°♍18'18	0°27'59
min. Earth dist.	-4005 Oct 09 j 20:47	16°♍13'15	0.67398 AU
morning rise	-4005 Oct 15 j 03:09	9°♍59'43	
direct	-4005 Oct 19 j 17:41	8°♍07'21	
morning max el	-4005 Oct 29 j 09:10	13°♍51'52	22°31'55
greatest brilliancy	-4005 Nov 03 j 02:05	19°♍09'49	-0.3m
	-4005 Nov 11 j 06:59	0°♎	
desc. node	-4005 Nov 19 j 22:46	12°♎34'46	
	-4005 Dec 01 j 03:02	0°♏	
morning set	-4005 Dec 01 j 22:06	1°♏17'25	
max. Earth dist.	-4005 Dec 07 j 07:01	10°♏12'42	1.40597 AU
superior conj	-4005 Dec 15 j 01:19	23°♏46'40	-1°-54'-21
minimum elong	-4005 Dec 15 j 00:25	23°♏42'39	1°54'28
	-4005 Dec 18 j 11:13	0°♐	
evening rise	-4005 Dec 25 j 01:41	12°♐21'25	
	-4004 Jan 03 j 22:13	0°♑	
asc. node	-4004 Jan 04 j 09:53	0°♑45'48	
evening max el	-4004 Jan 10 j 06:57	8°♑19'54	18°20'06
retrograde	-4004 Jan 17 j 13:10	11°♑56'12	
evening set	-4004 Jan 20 j 01:40	11°♑31'13	
inferior conj	-4004 Jan 27 j 06:42	6°♑50'11	3°57'30
minimum elong	-4004 Jan 27 j 08:21	6°♑46'42	3°57'13
min. Earth dist.	-4004 Jan 30 j 15:15	4°♑01'09	0.59519 AU
morning rise	-4004 Feb 03 j 11:50	1°♑19'45	
	-4004 Feb 06 j 11:52	30°℞♐	
direct	-4004 Feb 09 j 23:33	29°♐27'23	
	-4004 Feb 13 j 13:12	0°♑	
desc. node	-4004 Feb 15 j 22:13	0°♑55'36	
morning max el	-4004 Feb 24 j 05:11	7°♑04'01	27°01'27
	-4004 Mar 12 j 10:37	0°♒	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4004 Mar 25 j 16:00	24°♒44'59	
	-4004 Mar 28 j 03:42	0°♓	
asc. node	-4004 Apr 01 j 09:21	9°♓11'21	
superior conj	-4004 Apr 01 j 18:48	10°♓03'06	0°04'08
minimum elong	-4004 Apr 01 j 18:38	10°♓02'06	0°04'02
behind sun begin	-4004 Apr 01 j 13:46	9°♓35'31	
behind sun end	-4004 Apr 01 j 23:29	10°♓28'42	
max. Earth dist.	-4004 Apr 01 j 12:26	9°♓28'12	1.32564 AU
evening rise	-4004 Apr 08 j 19:14	25°♓11'59	
	-4004 Apr 11 j 03:07	0°♈	
	-4004 Apr 28 j 18:46	0°♉	
evening max el	-4004 May 07 j 09:13	9°♉59'43	26°08'22
desc. node	-4004 May 13 j 20:58	15°♉01'00	
retrograde	-4004 May 21 j 11:18	17°♉16'58	
evening set	-4004 May 27 j 14:14	15°♉44'26	
min. Earth dist.	-4004 May 31 j 21:56	13°♉02'38	0.59133 AU
inferior conj	-4004 Jun 04 j 06:50	10°♉28'53	-4°-14'-50
minimum elong	-4004 Jun 04 j 05:09	10°♉32'07	4°14'40
morning rise	-4004 Jun 11 j 23:53	5°♉59'16	
direct	-4004 Jun 14 j 11:16	5°♉38'13	
morning max el	-4004 Jun 22 j 06:31	9°♉21'13	18°28'48
asc. node	-4004 Jun 28 j 08:58	17°♉02'53	
	-4004 Jul 05 j 18:59	0°♊	
morning set	-4004 Jul 08 j 09:32	4°♊57'52	
superior conj	-4004 Jul 17 j 13:24	22°♊22'53	1°48'42
minimum elong	-4004 Jul 17 j 14:14	22°♊26'43	1°48'51
	-4004 Jul 21 j 17:50	0°♋	
max. Earth dist.	-4004 Jul 24 j 21:08	5°♋31'45	1.40036 AU
evening rise	-4004 Jul 29 j 08:01	13°♋06'47	
	-4004 Aug 08 j 22:02	0°♌	
desc. node	-4004 Aug 09 j 19:58	1°♌23'20	
	-4004 Aug 31 j 01:34	0°♍	
evening max el	-4004 Sep 02 j 03:30	2°♍11'04	23°35'08
retrograde	-4004 Sep 12 j 17:00	8°♍25'45	
evening set	-4004 Sep 17 j 18:08	6°♍19'38	
min. Earth dist.	-4004 Sep 22 j 17:09	0°♍30'53	0.67390 AU
inferior conj	-4004 Sep 23 j 02:33	29°♌58'43	0°-25'-12
minimum elong	-4004 Sep 23 j 03:08	29°♌56'42	0°24'53
	-4004 Sep 23 j 02:11	30°℞♌	
asc. node	-4004 Sep 24 j 08:04	28°♌18'50	
morning rise	-4004 Sep 28 j 12:15	23°♌46'15	
direct	-4004 Oct 02 j 13:03	22°♌14'54	
morning max el	-4004 Oct 11 j 01:57	27°♌16'57	21°10'50
	-4004 Oct 13 j 13:32	0°♍	
greatest brilliancy	-4004 Oct 16 j 13:37	3°♍40'49	-0.5m
	-4004 Nov 03 j 21:17	0°♎	
desc. node	-4004 Nov 05 j 19:44	2°♎57'43	
morning set	-4004 Nov 10 j 07:39	9°♎56'29	
max. Earth dist.	-4004 Nov 18 j 10:29	22°♎55'37	1.42475 AU
	-4004 Nov 22 j 17:04	0°♏	
superior conj	-4004 Nov 25 j 12:36	4°♏45'29	-1°-43'-58
minimum elong	-4004 Nov 25 j 08:00	4°♏25'55	1°43'47
evening rise	-4004 Dec 07 j 00:23	24°♏59'48	
	-4004 Dec 09 j 19:08	0°♐	
asc. node	-4004 Dec 21 j 06:58	18°♐37'22	
evening max el	-4004 Dec 23 j 17:25	21°♐23'33	18°08'03
retrograde	-4004 Dec 30 j 10:31	24°♐51'41	
evening set	-4003 Jan 02 j 01:44	24°♐19'41	
inferior conj	-4003 Jan 08 j 18:07	19°♐16'56	4°01'59
minimum elong	-4003 Jan 08 j 17:11	19°♐19'13	4°01'46
min. Earth dist.	-4003 Jan 11 j 18:22	16°♐22'37	0.61521 AU
morning rise	-4003 Jan 15 j 06:15	13°♐30'23	
direct	-4003 Jan 22 j 06:04	11°♐04'24	
desc. node	-4003 Feb 01 j 19:17	15°♐40'19	
morning max el	-4003 Feb 05 j 07:15	18°♐47'39	27°38'02
	-4003 Feb 14 j 19:46	0°♑	
	-4003 Mar 05 j 03:47	0°♒	
morning set	-4003 Mar 09 j 22:02	9°♒25'58	
max. Earth dist.	-4003 Mar 16 j 00:17	22°♒19'19	1.32711 AU
superior conj	-4003 Mar 17 j 05:47	24°♒59'34	0°-21'00
minimum elong	-4003 Mar 17 j 06:44	25°♒04'43	0°20'54
asc. node	-4003 Mar 19 j 06:22	29°♒24'16	
	-4003 Mar 19 j 12:56	0°♓	
evening rise	-4003 Mar 24 j 06:21	10°♓09'42	
	-4003 Apr 03 j 13:21	0°♈	
evening max el	-4003 Apr 19 j 03:01	21°♈02'37	24°48'44
desc. node	-4003 Apr 30 j 18:05	27°♈55'18	
retrograde	-4003 May 03 j 03:14	28°♈08'29	
evening set	-4003 May 08 j 00:51	27°♈13'37	
min. Earth dist.	-4003 May 13 j 15:14	24°♈18'05	0.57228 AU
inferior conj	-4003 May 16 j 13:21	22°♈22'18	-3°-41'-9
minimum elong	-4003 May 16 j 08:20	22°♈30'40	3°40'11
morning rise	-4003 May 24 j 20:00	18°♈12'25	
direct	-4003 May 27 j 07:04	17°♈55'04	
morning max el	-4003 Jun 05 j 08:06	22°♈07'56	19°14'59
	-4003 Jun 11 j 17:11	0°♉	
asc. node	-4003 Jun 15 j 06:00	5°♉46'43	
morning set	-4003 Jun 22 j 07:17	19°♉07'27	
	-4003 Jun 27 j 18:26	0°♊	
superior conj	-4003 Jun 30 j 15:33	5°♊39'04	1°47'10
minimum elong	-4003 Jun 30 j 14:20	5°♊33'08	1°47'16
max. Earth dist.	-4003 Jul 06 j 22:32	17°♊31'47	1.38091 AU
evening rise	-4003 Jul 10 j 20:26	24°♊32'38	
	-4003 Jul 14 j 00:16	0°♋	
desc. node	-4003 Jul 27 j 17:01	21°♋39'30	
	-4003 Aug 02 j 14:13	0°♌	
evening max el	-4003 Aug 15 j 14:29	15°♌40'25	24°54'10
retrograde	-4003 Aug 27 j 05:37	22°♌27'16	
evening set	-4003 Sep 01 j 21:50	20°♌02'36	
min. Earth dist.	-4003 Sep 06 j 11:40	14°♌49'15	0.67078 AU
inferior conj	-4003 Sep 07 j 07:42	13°♌42'50	-1°-18'-24
minimum elong	-4003 Sep 07 j 09:31	13°♌36'47	1°17'33
asc. node	-4003 Sep 11 j 05:11	9°♌02'01	
morning rise	-4003 Sep 12 j 21:36	7°♌37'27	
direct	-4003 Sep 16 j 10:43	6°♌24'41	
morning max el	-4003 Sep 24 j 01:46	10°♌50'02	20°00'31
greatest brilliancy	-4003 Oct 01 j 12:21	20°♌03'31	-0.6m
	-4003 Oct 08 j 08:37	0°♍	
morning set	-4003 Oct 20 j 05:48	18°♍09'05	
desc. node	-4003 Oct 23 j 16:41	23°♍31'18	
	-4003 Oct 27 j 19:50	0°♎	
max. Earth dist.	-4003 Oct 31 j 21:08	6°♎25'51	1.43907 AU
superior conj	-4003 Nov 05 j 20:37	14°♎27'00	-1°-17'-20
minimum elong	-4003 Nov 05 j 13:38	13°♎58'37	1°16'40
	-4003 Nov 15 j 05:32	0°♏	
evening rise	-4003 Nov 19 j 05:17	6°♏47'40	
	-4003 Dec 03 j 09:52	0°♐	
evening max el	-4003 Dec 07 j 06:04	4°♐40'02	18°15'11
asc. node	-4003 Dec 08 j 04:05	5°♐32'45	
retrograde	-4003 Dec 13 j 19:05	8°♐11'44	
evening set	-4003 Dec 16 j 13:54	7°♐31'20	
inferior conj	-4003 Dec 22 j 20:10	2°♐08'10	3°45'40
minimum elong	-4003 Dec 22 j 17:37	2°♐15'07	3°45'09
	-4003 Dec 24 j 19:09	30°℞♏	
min. Earth dist.	-4003 Dec 25 j 06:44	29°♏29'07	0.63347 AU
morning rise	-4003 Dec 28 j 19:41	26°♏10'08	
direct	-4002 Jan 04 j 20:37	23°♏24'24	
	-4002 Jan 17 j 09:33	0°♐	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-4002 Jan 18 j 14:08	1°♐08'33	27°38'20
desc. node	-4002 Jan 19 j 16:20	2°♐14'50	
	-4002 Feb 08 j 22:06	0°♑	
morning set	-4002 Feb 21 j 21:44	23°♑43'50	
	-4002 Feb 24 j 23:39	0°♒	
max. Earth dist.	-4002 Feb 27 j 06:38	4°♒47'53	1.33236 AU
superior conj	-4002 Mar 01 j 14:15	9°♒44'18	0°-45'-49
minimum elong	-4002 Mar 01 j 16:15	9°♒55'05	0°45'35
asc. node	-4002 Mar 06 j 03:24	19°♒31'47	
evening rise	-4002 Mar 08 j 17:58	25°♒04'22	
	-4002 Mar 11 j 03:06	0°♓	
	-4002 Mar 30 j 01:05	0°♈	
evening max el	-4002 Mar 31 j 19:06	1°♈46'11	23°15'48
retrograde	-4002 Apr 14 j 06:11	8°♈25'12	
evening set	-4002 Apr 17 j 20:10	7°♈57'08	
desc. node	-4002 Apr 17 j 15:11	8°♈00'14	
min. Earth dist.	-4002 Apr 25 j 05:58	4°♈36'15	0.55807 AU
inferior conj	-4002 Apr 27 j 00:16	3°♈33'58	-2°-27'-27
minimum elong	-4002 Apr 26 j 18:36	3°♈42'20	2°25'49
	-4002 May 04 j 06:48	30°℞♓	
morning rise	-4002 May 05 j 20:09	29°♓35'53	
direct	-4002 May 08 j 08:36	29°♓20'22	
	-4002 May 12 j 06:27	0°♈	
morning max el	-4002 May 18 j 23:50	4°♈17'27	20°21'31
asc. node	-4002 Jun 02 j 03:03	25°♈02'14	
	-4002 Jun 04 j 16:02	0°♉	
morning set	-4002 Jun 06 j 11:53	3°♉40'48	
superior conj	-4002 Jun 14 j 06:31	19°♉36'03	1°37'54
minimum elong	-4002 Jun 14 j 04:10	19°♉24'09	1°37'49
max. Earth dist.	-4002 Jun 19 j 04:16	29°♉18'51	1.36314 AU
	-4002 Jun 19 j 12:48	0°♊	
evening rise	-4002 Jun 23 j 07:21	7°♊06'43	
	-4002 Jul 06 j 18:31	0°♋	
desc. node	-4002 Jul 14 j 14:02	11°♋35'30	
evening max el	-4002 Jul 29 j 01:26	29°♋12'35	26°03'42
	-4002 Jul 29 j 21:14	0°♌	
retrograde	-4002 Aug 10 j 13:33	6°♌21'03	
evening set	-4002 Aug 16 j 20:27	3°♌41'39	
	-4002 Aug 20 j 08:24	30°℞♋	
min. Earth dist.	-4002 Aug 21 j 01:51	29°♋06'19	0.66439 AU
inferior conj	-4002 Aug 22 j 09:36	27°♋26'30	-2°-9'-37
minimum elong	-4002 Aug 22 j 12:31	27°♋17'20	2°08'24
morning rise	-4002 Aug 28 j 05:18	21°♋31'35	
asc. node	-4002 Aug 29 j 02:18	21°♋04'11	
direct	-4002 Aug 31 j 09:02	20°♋34'14	
morning max el	-4002 Sep 07 j 08:28	24°♋31'07	19°04'23
	-4002 Sep 11 j 22:02	0°♌	
morning set	-4002 Sep 29 j 16:09	27°♌02'58	
	-4002 Oct 01 j 13:06	0°♍	
desc. node	-4002 Oct 10 j 13:39	14°♍11'53	
max. Earth dist.	-4002 Oct 14 j 13:26	20°♍29'11	1.44708 AU
superior conj	-4002 Oct 16 j 04:17	23°♍02'39	0°-35'-5
minimum elong	-4002 Oct 15 j 23:51	22°♍45'06	0°34'30
	-4002 Oct 20 j 13:31	0°♎	
evening rise	-4002 Oct 31 j 11:46	17°♎36'29	
	-4002 Nov 08 j 02:15	0°♏	
evening max el	-4002 Nov 20 j 18:10	18°♏03'49	18°40'33
asc. node	-4002 Nov 25 j 01:10	21°♏17'18	
retrograde	-4002 Nov 27 j 11:02	21°♏49'07	
evening set	-4002 Nov 30 j 10:53	20°♏58'36	
inferior conj	-4002 Dec 06 j 09:14	15°♏17'22	3°15'18
minimum elong	-4002 Dec 06 j 06:04	15°♏26'48	3°14'26
min. Earth dist.	-4002 Dec 08 j 04:56	13°♏06'46	0.64853 AU
morning rise	-4002 Dec 12 j 00:08	9°♏10'40	
direct	-4002 Dec 18 j 17:50	6°♏20'36	
morning max el	-4002 Dec 31 j 23:30	13°♏58'18	27°05'06
desc. node	-4001 Jan 06 j 13:23	20°♏08'02	
	-4001 Jan 14 j 01:48	0°♐	
	-4001 Feb 01 j 12:53	0°♑	
morning set	-4001 Feb 05 j 12:02	7°♑28'48	
max. Earth dist.	-4001 Feb 10 j 03:54	16°♑44'25	1.34184 AU
superior conj	-4001 Feb 13 j 18:13	24°♑10'55	-1°-9'-14
minimum elong	-4001 Feb 13 j 21:02	24°♑25'45	1°08'58
	-4001 Feb 16 j 12:24	0°♒	
evening rise	-4001 Feb 21 j 04:19	9°♒50'01	
asc. node	-4001 Feb 21 j 00:24	9°♒29'38	
	-4001 Mar 03 j 21:10	0°♓	
evening max el	-4001 Mar 13 j 15:24	12°♓36'36	21°43'26
retrograde	-4001 Mar 25 j 22:01	18°♓31'54	
evening set	-4001 Mar 28 j 14:00	18°♓15'58	
desc. node	-4001 Apr 04 j 12:19	15°♓32'41	
inferior conj	-4001 Apr 06 j 21:36	14°♓13'29	0°-39'-38
minimum elong	-4001 Apr 06 j 19:45	14°♓16'05	0°39'04
min. Earth dist.	-4001 Apr 06 j 19:47	14°♓16'01	0.55176 AU
morning rise	-4001 Apr 16 j 02:06	10°♓12'51	
direct	-4001 Apr 18 j 22:02	9°♓55'07	
morning max el	-4001 May 01 j 04:33	15°♓44'39	21°46'18
	-4001 May 12 j 02:21	0°♈	
asc. node	-4001 May 20 j 00:03	14°♈40'43	
morning set	-4001 May 21 j 20:54	18°♈30'15	
	-4001 May 27 j 08:19	0°♉	
superior conj	-4001 May 29 j 06:24	4°♉01'39	1°22'59
minimum elong	-4001 May 29 j 03:42	3°♉47'36	1°22'43
max. Earth dist.	-4001 Jun 01 j 18:48	11°♉16'39	1.34848 AU
evening rise	-4001 Jun 06 j 11:18	20°♉33'00	
	-4001 Jun 11 j 13:11	0°♊	
	-4001 Jun 30 j 16:23	0°♋	
desc. node	-4001 Jul 01 j 11:05	1°♋01'56	
evening max el	-4001 Jul 11 j 12:49	12°♋39'54	26°55'42
retrograde	-4001 Jul 24 j 16:15	20°♋00'00	
evening set	-4001 Jul 31 j 11:34	17°♋13'07	
min. Earth dist.	-4001 Aug 04 j 09:16	13°♋16'42	0.65435 AU
inferior conj	-4001 Aug 06 j 06:09	11°♋05'42	-2°-56'-47
minimum elong	-4001 Aug 06 j 09:48	10°♋55'02	2°55'32
morning rise	-4001 Aug 12 j 09:12	5°♋24'39	
direct	-4001 Aug 15 j 05:49	4°♋39'33	
asc. node	-4001 Aug 15 j 23:24	4°♋42'30	
morning max el	-4001 Aug 21 j 20:18	8°♋16'46	18°24'21
	-4001 Sep 05 j 18:34	0°♌	
morning set	-4001 Sep 10 j 04:21	7°♌12'59	
	-4001 Sep 24 j 07:46	0°♍	
superior conj	-4001 Sep 25 j 03:57	1°♍19'58	0°14'26
minimum elong	-4001 Sep 25 j 05:48	1°♍27'18	0°14'16
behind sun begin	-4001 Sep 25 j 00:20	1°♍05'36	
behind sun end	-4001 Sep 25 j 11:17	1°♍48'59	
desc. node	-4001 Sep 27 j 10:34	4°♍55'45	
max. Earth dist.	-4001 Sep 27 j 07:49	4°♍44'53	1.44782 AU
evening rise	-4001 Oct 11 j 17:17	27°♍21'23	
	-4001 Oct 13 j 09:43	0°♎	
greatest brilliancy	-4001 Oct 25 j 12:56	18°♎47'53	-0.7m
	-4001 Nov 02 j 18:14	0°♏	
evening max el	-4001 Nov 04 j 03:11	1°♏30'06	19°22'57
retrograde	-4001 Nov 11 j 06:59	5°♏38'03	
asc. node	-4001 Nov 11 j 22:16	5°♏35'43	
evening set	-4001 Nov 14 j 13:47	4°♏35'10	
	-4001 Nov 19 j 04:38	30°℞♎	
inferior conj	-4001 Nov 20 j 06:08	28°♎39'02	2°35'25
minimum elong	-4001 Nov 20 j 03:08	28°♎48'38	2°34'23

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-4001 Nov 21 j 12:03	27°♎03'02	0.65992 AU
morning rise	-4001 Nov 25 j 15:42	22°♎26'02	
direct	-4001 Dec 01 j 20:57	19°♎44'04	
morning max el	-4001 Dec 14 j 09:06	27°♎05'02	26°05'08
	-4001 Dec 17 j 03:15	0°♏	
desc. node	-4001 Dec 24 j 10:24	8°♏56'37	
	-4000 Jan 07 j 17:05	0°♐	
morning set	-4000 Jan 19 j 12:50	20°♐28'43	
max. Earth dist.	-4000 Jan 23 j 13:48	28°♐08'36	1.35571 AU
	-4000 Jan 24 j 12:40	0°♑	
superior conj	-4000 Jan 28 j 15:15	8°♑12'04	-1°-29'-50
minimum elong	-4000 Jan 28 j 18:24	8°♑28'03	1°29'39
evening rise	-4000 Feb 05 j 11:32	24°♑20'34	
asc. node	-4000 Feb 07 j 21:24	29°♑13'05	
	-4000 Feb 08 j 06:51	0°♒	
evening max el	-4000 Feb 23 j 20:49	23°♒55'52	20°22'43
retrograde	-4000 Mar 05 j 12:37	28°♒59'49	
evening set	-4000 Mar 07 j 20:18	28°♒46'26	
inferior conj	-4000 Mar 16 j 18:25	24°♒47'55	1°15'36
minimum elong	-4000 Mar 16 j 21:39	24°♒43'09	1°14'26
min. Earth dist.	-4000 Mar 18 j 09:52	23°♒49'47	0.55476 AU
desc. node	-4000 Mar 21 j 09:26	22°♒11'22	
morning rise	-4000 Mar 25 j 20:48	20°♒26'38	
direct	-4000 Mar 29 j 11:34	19°♒58'08	
morning max el	-4000 Apr 12 j 00:09	26°♒36'39	23°23'11
	-4000 Apr 15 j 05:56	0°♓	
	-4000 May 03 j 15:54	0°♈	
morning set	-4000 May 05 j 08:25	3°♈29'41	
asc. node	-4000 May 05 j 21:02	4°♈35'52	
superior conj	-4000 May 12 j 12:18	18°♈47'04	1°04'00
minimum elong	-4000 May 12 j 09:52	18°♈34'03	1°03'39
max. Earth dist.	-4000 May 14 j 19:03	23°♈37'56	1.33753 AU
	-4000 May 17 j 20:33	0°♉	
evening rise	-4000 May 20 j 03:36	4°♉37'56	
	-4000 Jun 03 j 06:13	0°♊	
desc. node	-4000 Jun 17 j 08:09	19°♊46'16	
evening max el	-4000 Jun 22 j 23:37	25°♊51'39	27°22'46
	-4000 Jun 27 j 22:25	0°♋	
retrograde	-4000 Jul 06 j 13:32	3°♋15'58	
evening set	-4000 Jul 13 j 16:16	0°♋32'47	
	-4000 Jul 14 j 08:44	30°℞♊	
min. Earth dist.	-4000 Jul 17 j 07:59	27°♊12'10	0.64044 AU
inferior conj	-4000 Jul 19 j 18:56	24°♊35'46	-3°-37'-11
minimum elong	-4000 Jul 19 j 22:39	24°♊25'54	3°36'13
morning rise	-4000 Jul 26 j 06:48	19°♊11'47	
direct	-4000 Jul 28 j 22:31	18°♊36'02	
asc. node	-4000 Aug 01 j 20:29	19°♊53'19	
morning max el	-4000 Aug 04 j 10:52	22°♊02'23	18°01'32
	-4000 Aug 10 j 14:23	0°♋	
morning set	-4000 Aug 21 j 19:05	18°♋38'44	
	-4000 Aug 28 j 11:29	0°♌	
superior conj	-4000 Sep 03 j 18:19	10°♌23'38	0°58'23
minimum elong	-4000 Sep 03 j 23:56	10°♌46'33	0°57'51
max. Earth dist.	-4000 Sep 09 j 00:39	18°♌52'52	1.44134 AU
desc. node	-4000 Sep 13 j 07:30	25°♌40'04	
	-4000 Sep 16 j 01:53	0°♍	
evening rise	-4000 Sep 20 j 02:29	6°♍14'54	
	-4000 Oct 05 j 19:47	0°♎	
greatest brilliancy	-4000 Oct 10 j 17:38	6°♎55'55	-0.6m
evening max el	-4000 Oct 17 j 07:09	14°♎56'18	20°20'29
retrograde	-4000 Oct 25 j 04:16	19°♎34'31	
evening set	-4000 Oct 28 j 20:11	18°♎16'45	
asc. node	-4000 Oct 28 j 19:23	18°♎18'12	
inferior conj	-4000 Nov 03 j 08:17	12°♎09'12	1°49'03
minimum elong	-4000 Nov 03 j 05:58	12°♎17'01	1°48'09
min. Earth dist.	-4000 Nov 04 j 02:02	11°♎09'31	0.66785 AU
morning rise	-4000 Nov 08 j 15:12	5°♎52'29	
direct	-4000 Nov 14 j 05:37	3°♎26'49	
morning max el	-4000 Nov 25 j 17:55	10°♎18'07	24°47'13
desc. node	-4000 Dec 10 j 07:21	28°♎23'48	
	-4000 Dec 11 j 10:26	0°♏	
	-4000 Dec 30 j 09:04	0°♐	
morning set	-4000 Dec 31 j 18:37	2°♐27'01	
max. Earth dist.	-3999 Jan 04 j 13:15	9°♐14'51	1.37364 AU
superior conj	-3999 Jan 11 j 02:10	21°♐37'35	-1°-45'-42
minimum elong	-3999 Jan 11 j 04:47	21°♐50'20	1°45'42
	-3999 Jan 15 j 07:50	0°♑	
evening rise	-3999 Jan 19 j 13:23	8°♑28'23	
asc. node	-3999 Jan 24 j 18:25	18°♑35'34	
	-3999 Jan 31 j 15:02	0°♒	
evening max el	-3999 Feb 05 j 12:51	5°♒50'55	19°19'32
retrograde	-3999 Feb 14 j 13:45	10°♒09'04	
evening set	-3999 Feb 16 j 21:52	9°♒53'04	
inferior conj	-3999 Feb 25 j 03:59	5°♒44'01	2°47'28
minimum elong	-3999 Feb 25 j 08:59	5°♒35'39	2°46'05
min. Earth dist.	-3999 Feb 28 j 00:52	3°♒49'47	0.56634 AU
morning rise	-3999 Mar 05 j 16:21	0°♒52'35	
desc. node	-3999 Mar 08 j 06:33	0°♒10'45	
	-3999 Mar 09 j 21:54	30°℞♑	
direct	-3999 Mar 10 j 11:54	29°♑59'12	
	-3999 Mar 11 j 01:54	0°♒	
morning max el	-3999 Mar 24 j 15:15	7°♒12'02	25°00'58
	-3999 Apr 10 j 07:01	0°♓	
morning set	-3999 Apr 19 j 20:39	18°♓32'06	
asc. node	-3999 Apr 22 j 18:01	24°♓41'36	
	-3999 Apr 25 j 04:46	0°♈	
superior conj	-3999 Apr 26 j 21:55	3°♈43'47	0°42'09
minimum elong	-3999 Apr 26 j 20:10	3°♈34'15	0°41'49
max. Earth dist.	-3999 Apr 28 j 03:01	6°♈21'31	1.33023 AU
evening rise	-3999 May 04 j 04:28	19°♈09'07	
	-3999 May 09 j 17:03	0°♉	
	-3999 May 28 j 15:58	0°♊	
desc. node	-3999 Jun 04 j 05:16	7°♊30'23	
evening max el	-3999 Jun 05 j 07:48	8°♊35'37	27°19'28
retrograde	-3999 Jun 19 j 04:41	15°♊59'20	
evening set	-3999 Jun 26 j 06:48	13°♊34'01	
min. Earth dist.	-3999 Jun 29 j 21:02	10°♊40'14	0.62293 AU
inferior conj	-3999 Jul 02 j 20:58	7°♊50'12	-4°-6'-43
minimum elong	-3999 Jul 02 j 23:40	7°♊43'47	4°06'15
morning rise	-3999 Jul 09 j 19:03	2°♊45'54	
direct	-3999 Jul 12 j 07:53	2°♊17'07	
morning max el	-3999 Jul 19 j 01:27	5°♊41'43	17°56'57
asc. node	-3999 Jul 19 j 17:32	6°♊22'43	
	-3999 Aug 03 j 16:42	0°♋	
morning set	-3999 Aug 04 j 07:34	1°♋06'49	
superior conj	-3999 Aug 15 j 11:26	20°♋47'00	1°28'54
minimum elong	-3999 Aug 15 j 16:25	21°♋08'15	1°28'38
	-3999 Aug 20 j 23:13	0°♌	
max. Earth dist.	-3999 Aug 22 j 13:03	2°♌35'17	1.42860 AU
evening rise	-3999 Aug 30 j 07:20	14°♌59'21	
desc. node	-3999 Aug 31 j 04:29	16°♌21'55	
	-3999 Sep 09 j 02:56	0°♍	
greatest brilliancy	-3999 Sep 25 j 03:27	22°♍31'55	-0.4m
evening max el	-3999 Sep 30 j 05:04	28°♍22'10	21°30'27
	-3999 Oct 01 j 21:47	0°♎	
retrograde	-3999 Oct 09 j 00:50	3°♎36'23	
evening set	-3999 Oct 13 j 04:09	2°♎01'10	
	-3999 Oct 15 j 06:45	30°℞♍	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-3999 Oct 15 j 16:30	29°♍31'54	
inferior conj	-3999 Oct 18 j 13:36	25°♍45'50	0°58'32
minimum elong	-3999 Oct 18 j 12:17	25°♍50'23	0°58'00
min. Earth dist.	-3999 Oct 18 j 20:27	25°♍22'15	0.67259 AU
morning rise	-3999 Oct 23 j 20:06	19°♍28'20	
direct	-3999 Oct 28 j 19:13	17°♍23'13	
morning max el	-3999 Nov 08 j 03:16	23°♍33'40	23°21'18
greatest brilliancy	-3999 Nov 13 j 16:22	29°♍50'17	-0.2m
	-3999 Nov 13 j 19:31	0°♎	
desc. node	-3999 Nov 27 j 04:19	18°♎18'43	
	-3999 Dec 04 j 20:44	0°♏	
morning set	-3999 Dec 12 j 23:17	13°♏08'14	
max. Earth dist.	-3999 Dec 17 j 08:39	20°♏37'56	1.39412 AU
	-3999 Dec 22 j 14:56	0°♐	
superior conj	-3999 Dec 24 j 22:51	4°♐17'01	-1°-54'-9
minimum elong	-3999 Dec 24 j 23:40	4°♐20'48	1°54'18
evening rise	-3998 Jan 03 j 07:21	22°♐07'14	
	-3998 Jan 07 j 10:38	0°♑	
asc. node	-3998 Jan 11 j 15:28	7°♑30'03	
evening max el	-3998 Jan 19 j 14:11	18°♑18'53	18°36'01
retrograde	-3998 Jan 27 j 08:34	22°♑05'32	
evening set	-3998 Jan 29 j 19:36	21°♑44'09	
inferior conj	-3998 Feb 06 j 09:13	17°♑15'57	3°42'05
minimum elong	-3998 Feb 06 j 12:30	17°♑09'36	3°41'27
min. Earth dist.	-3998 Feb 09 j 18:07	14°♑40'30	0.58390 AU
morning rise	-3998 Feb 14 j 01:45	11°♑57'52	
direct	-3998 Feb 20 j 01:36	10°♑27'35	
desc. node	-3998 Feb 23 j 03:39	10°♑51'11	
morning max el	-3998 Mar 06 j 07:49	17°♑58'13	26°24'50
	-3998 Mar 16 j 08:27	0°♒	
	-3998 Apr 02 j 15:01	0°♓	
morning set	-3998 Apr 04 j 07:56	3°♓31'33	
asc. node	-3998 Apr 09 j 15:00	14°♓53'25	
superior conj	-3998 Apr 11 j 09:23	18°♓45'15	0°18'22
minimum elong	-3998 Apr 11 j 08:35	18°♓40'51	0°18'09
max. Earth dist.	-3998 Apr 11 j 15:31	19°♓18'48	1.32639 AU
	-3998 Apr 16 j 13:59	0°♈	
evening rise	-3998 Apr 18 j 11:05	3°♈57'05	
	-3998 May 02 j 12:48	0°♉	
evening max el	-3998 May 18 j 11:08	20°♉41'34	26°43'16
desc. node	-3998 May 22 j 02:23	23°♉49'03	
retrograde	-3998 Jun 01 j 12:12	28°♉01'29	
evening set	-3998 Jun 08 j 02:57	26°♉07'37	
min. Earth dist.	-3998 Jun 12 j 00:37	23°♉26'07	0.60304 AU
inferior conj	-3998 Jun 15 j 08:47	20°♉40'29	-4°-19'-3
minimum elong	-3998 Jun 15 j 09:03	20°♉39'54	4°18'56
morning rise	-3998 Jun 22 j 18:27	15°♉57'46	
direct	-3998 Jun 25 j 06:07	15°♉34'09	
morning max el	-3998 Jul 02 j 13:13	19°♉07'10	18°11'27
asc. node	-3998 Jul 06 j 14:35	23°♉54'57	
	-3998 Jul 10 j 13:25	0°♊	
morning set	-3998 Jul 18 j 12:19	14°♊22'49	
	-3998 Jul 26 j 22:01	0°♋	
superior conj	-3998 Jul 28 j 06:54	2°♋28'42	1°45'03
minimum elong	-3998 Jul 28 j 09:15	2°♋39'17	1°45'08
max. Earth dist.	-3998 Aug 04 j 20:00	15°♋39'25	1.41139 AU
evening rise	-3998 Aug 10 j 03:23	24°♋27'30	
	-3998 Aug 13 j 14:21	0°♌	
desc. node	-3998 Aug 18 j 01:30	6°♌57'18	
	-3998 Sep 03 j 00:56	0°♍	
greatest brilliancy	-3998 Sep 07 j 23:15	6°♍17'39	-0.3m
evening max el	-3998 Sep 12 j 21:14	11°♍47'56	22°48'43
retrograde	-3998 Sep 22 j 19:04	17°♍40'29	
evening set	-3998 Sep 27 j 11:51	15°♍45'55	

inferior conj	-3998 Oct 02 j 20:12	9°♍26'14	0°05'38
minimum elong	-3998 Oct 02 j 20:04	9°♍26'43	0°05'39
transit middle	-3998 Oct 02 j 20:04	9°♍26'43	0°05'39
transit begin	-3998 Oct 02 j 17:32	9°♍35'27	
transit end	-3998 Oct 02 j 22:36	9°♍17'58	
min. Earth dist.	-3998 Oct 02 j 16:45	9°♍38'08	0.67430 AU
asc. node	-3998 Oct 02 j 13:37	9°♍48'57	
morning rise	-3998 Oct 08 j 04:13	3°♍11'07	
direct	-3998 Oct 12 j 12:49	1°♍27'39	
morning max el	-3998 Oct 21 j 16:20	6°♍53'21	21°56'24
greatest brilliancy	-3998 Oct 26 j 13:00	12°♍25'35	-0.4m
	-3998 Nov 08 j 07:46	0°♎	
desc. node	-3998 Nov 14 j 01:17	8°♎32'55	
morning set	-3998 Nov 22 j 23:12	22°♎25'38	
	-3998 Nov 27 j 15:13	0°♏	
max. Earth dist.	-3998 Nov 29 j 08:13	2°♏49'49	1.41442 AU
superior conj	-3998 Dec 07 j 00:00	15°♏56'29	-1°-51'-46
minimum elong	-3998 Dec 06 j 21:35	15°♏45'53	1°51'49
	-3998 Dec 14 j 19:05	0°♐	
evening rise	-3998 Dec 17 j 14:08	5°♐09'33	
asc. node	-3998 Dec 29 j 12:32	25°♐47'28	
	-3997 Jan 01 j 18:55	0°♑	
evening max el	-3997 Jan 02 j 22:09	1°♑11'38	18°12'33
retrograde	-3997 Jan 09 j 21:20	4°♑42'30	
evening set	-3997 Jan 12 j 11:06	4°♑14'29	
	-3997 Jan 18 j 18:19	30°℞♐	
inferior conj	-3997 Jan 19 j 10:25	29°♐24'04	4°02'24
minimum elong	-3997 Jan 19 j 10:52	29°♐23'02	4°02'14
min. Earth dist.	-3997 Jan 22 j 16:27	26°♐30'08	0.60389 AU
morning rise	-3997 Jan 26 j 07:52	23°♐46'25	
direct	-3997 Feb 02 j 02:21	21°♐38'28	
desc. node	-3997 Feb 10 j 00:44	24°♐15'33	
morning max el	-3997 Feb 16 j 06:03	29°♐17'39	27°21'20
	-3997 Feb 16 j 23:07	0°♑	
	-3997 Mar 10 j 03:42	0°♒	
morning set	-3997 Mar 19 j 16:30	18°♒21'37	
	-3997 Mar 25 j 03:43	0°♓	
max. Earth dist.	-3997 Mar 26 j 04:55	2°♓17'23	1.32588 AU
superior conj	-3997 Mar 26 j 21:02	3°♓45'27	0°-6'-30
minimum elong	-3997 Mar 26 j 21:20	3°♓47'04	0°06'33
behind sun begin	-3997 Mar 26 j 16:44	3°♓21'54	
behind sun end	-3997 Mar 27 j 01:56	4°♓12'14	
asc. node	-3997 Mar 27 j 12:00	5°♓07'14	
evening rise	-3997 Apr 02 j 21:09	18°♓53'48	
	-3997 Apr 08 j 09:21	0°♈	
	-3997 Apr 28 j 06:24	0°♉	
evening max el	-3997 Apr 30 j 08:14	2°♉06'03	25°37'00
desc. node	-3997 May 08 j 23:30	8°♉09'16	
retrograde	-3997 May 14 j 10:08	9°♉18'52	
evening set	-3997 May 20 j 01:41	8°♉03'07	
min. Earth dist.	-3997 May 24 j 20:37	5°♉17'15	0.58288 AU
inferior conj	-3997 May 28 j 02:50	2°♉57'34	-4°-5'-9
minimum elong	-3997 May 27 j 23:37	3°♉03'22	4°04'43
	-3997 Jun 01 j 15:43	30°℞♈	
morning rise	-3997 Jun 05 j 01:30	28°♈36'37	
direct	-3997 Jun 07 j 12:52	28°♈17'08	
	-3997 Jun 13 j 00:40	0°♉	
morning max el	-3997 Jun 15 j 19:19	2°♉10'56	18°45'56
asc. node	-3997 Jun 23 j 11:38	12°♉16'20	
morning set	-3997 Jul 02 j 04:56	28°♉16'01	
	-3997 Jul 03 j 02:16	0°♊	
superior conj	-3997 Jul 10 j 23:33	15°♊15'25	1°49'09
minimum elong	-3997 Jul 10 j 23:24	15°♊14'42	1°49'18
max. Earth dist.	-3997 Jul 17 j 22:47	28°♊02'22	1.39203 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3997 Jul 19 j 01:26	0°♋	
evening rise	-3997 Jul 22 j 00:56	5°♋09'26	
desc. node	-3997 Aug 04 j 22:31	27°♋22'05	
	-3997 Aug 06 j 17:06	0°♌	
evening max el	-3997 Aug 26 j 09:24	25°♌15'33	24°09'24
	-3997 Sep 01 j 03:42	0°♍	
retrograde	-3997 Sep 06 j 09:54	1°♍44'14	
	-3997 Sep 11 j 02:36	30°℞♌	
evening set	-3997 Sep 11 j 17:31	29°♌29'51	
min. Earth dist.	-3997 Sep 16 j 12:32	23°♌56'03	0.67300 AU
inferior conj	-3997 Sep 17 j 02:22	23°♌09'15	0°-47'-55
minimum elong	-3997 Sep 17 j 03:29	23°♌05'27	0°47'20
asc. node	-3997 Sep 19 j 10:45	20°♌05'31	
morning rise	-3997 Sep 22 j 13:40	16°♌59'37	
direct	-3997 Sep 26 j 09:19	15°♌36'27	
morning max el	-3997 Oct 04 j 12:01	20°♌21'24	20°39'24
greatest brilliancy	-3997 Oct 10 j 15:50	27°♌42'15	-0.5m
	-3997 Oct 12 j 08:47	0°♍	
desc. node	-3997 Oct 31 j 22:15	29°♍00'44	
	-3997 Nov 01 j 13:33	0°♎	
morning set	-3997 Nov 02 j 01:10	0°♎45'05	
max. Earth dist.	-3997 Nov 11 j 15:25	15°♎56'22	1.43157 AU
superior conj	-3997 Nov 17 j 23:58	26°♎22'32	-1°-34'-46
minimum elong	-3997 Nov 17 j 17:58	25°♎57'31	1°34'22
	-3997 Nov 20 j 03:46	0°♏	
evening rise	-3997 Nov 30 j 05:50	17°♏27'31	
	-3997 Dec 07 j 10:06	0°♐	
asc. node	-3997 Dec 16 j 09:38	13°♐16'44	
evening max el	-3997 Dec 17 j 09:52	14°♐21'16	18°08'43
retrograde	-3997 Dec 24 j 00:08	17°♐49'41	
evening set	-3997 Dec 26 j 16:47	17°♐14'12	
inferior conj	-3996 Jan 02 j 04:32	12°♐02'10	3°57'08
minimum elong	-3996 Jan 02 j 02:47	12°♐06'39	3°56'50
min. Earth dist.	-3996 Jan 04 j 23:09	9°♐12'33	0.62331 AU
morning rise	-3996 Jan 08 j 10:46	6°♐10'17	
direct	-3996 Jan 15 j 12:08	3°♐34'25	
desc. node	-3996 Jan 27 j 21:49	9°♐51'18	
morning max el	-3996 Jan 29 j 10:33	11°♐18'11	27°42'39
	-3996 Feb 13 j 05:34	0°♑	
	-3996 Mar 01 j 09:34	0°♒	
morning set	-3996 Mar 02 j 20:11	2°♒53'59	
max. Earth dist.	-3996 Mar 08 j 15:09	15°♒01'43	1.32890 AU
superior conj	-3996 Mar 10 j 07:09	18°♒37'35	0°-31'-36
minimum elong	-3996 Mar 10 j 08:34	18°♒45'15	0°31'27
asc. node	-3996 Mar 13 j 08:59	25°♒18'15	
	-3996 Mar 15 j 13:13	0°♓	
evening rise	-3996 Mar 17 j 08:43	3°♓51'12	
	-3996 Mar 31 j 14:20	0°♈	
evening max el	-3996 Apr 11 j 00:31	12°♈57'15	24°09'53
retrograde	-3996 Apr 24 j 20:29	19°♈54'00	
desc. node	-3996 Apr 24 j 20:38	19°♈54'00	
evening set	-3996 Apr 29 j 04:33	19°♈12'04	
min. Earth dist.	-3996 May 05 j 12:11	16°♈07'20	0.56548 AU
inferior conj	-3996 May 08 j 00:44	14°♈32'48	-3°-14'-52
minimum elong	-3996 May 07 j 18:55	14°♈41'57	3°13'31
morning rise	-3996 May 16 j 13:16	10°♈29'40	
direct	-3996 May 19 j 00:41	10°♈13'23	
morning max el	-3996 May 28 j 16:59	14°♈42'50	19°40'53
	-3996 Jun 08 j 16:08	0°♉	
asc. node	-3996 Jun 09 j 08:40	1°♉14'34	
morning set	-3996 Jun 15 j 05:55	12°♉36'36	
superior conj	-3996 Jun 23 j 07:44	28°♉50'39	1°44'03
minimum elong	-3996 Jun 23 j 05:55	28°♉41'43	1°44'05
	-3996 Jun 23 j 21:47	0°♊	
max. Earth dist.	-3996 Jun 29 j 01:21	9°♊53'47	1.37303 AU
evening rise	-3996 Jul 02 j 23:32	17°♊05'29	
	-3996 Jul 10 j 11:39	0°♋	
desc. node	-3996 Jul 21 j 19:33	17°♋30'26	
	-3996 Jul 31 j 01:36	0°♌	
evening max el	-3996 Aug 07 j 19:59	8°♌45'32	25°25'20
retrograde	-3996 Aug 19 j 20:35	15°♌43'06	
evening set	-3996 Aug 25 j 19:19	13°♌11'10	
min. Earth dist.	-3996 Aug 30 j 05:23	8°♌14'00	0.66848 AU
inferior conj	-3996 Aug 31 j 06:20	6°♌52'56	-1°-40'-30
minimum elong	-3996 Aug 31 j 08:39	6°♌45'24	1°39'28
asc. node	-3996 Sep 05 j 07:53	1°♌17'47	
morning rise	-3996 Sep 05 j 22:32	0°♌51'53	
	-3996 Sep 07 j 18:10	30°℞♋	
direct	-3996 Sep 09 j 07:20	29°♋46'14	
	-3996 Sep 10 j 21:24	0°♌	
morning max el	-3996 Sep 16 j 15:00	3°♌58'20	19°34'50
greatest brilliancy	-3996 Sep 25 j 09:42	15°♌14'04	-0.7m
	-3996 Oct 05 j 04:26	0°♍	
morning set	-3996 Oct 11 j 01:53	9°♍08'10	
desc. node	-3996 Oct 17 j 19:12	19°♍37'43	
max. Earth dist.	-3996 Oct 24 j 04:53	29°♍43'04	1.44325 AU
	-3996 Oct 24 j 09:09	0°♎	
superior conj	-3996 Oct 27 j 20:30	5°♎32'11	-1°-1'-1
minimum elong	-3996 Oct 27 j 13:52	5°♎05'39	1°00'16
evening rise	-3996 Nov 11 j 01:46	28°♎51'41	
	-3996 Nov 11 j 18:04	0°♏	
evening max el	-3996 Nov 29 j 22:32	27°♏41'22	18°23'48
asc. node	-3996 Dec 02 j 06:44	29°♏44'09	
	-3996 Dec 02 j 15:59	0°♐	
retrograde	-3996 Dec 06 j 12:28	1°♐18'09	
evening set	-3996 Dec 09 j 09:07	0°♐33'48	
	-3996 Dec 10 j 08:04	30°℞♏	
inferior conj	-3996 Dec 15 j 11:44	25°♏02'29	3°34'15
minimum elong	-3996 Dec 15 j 08:50	25°♏10'46	3°33'34
min. Earth dist.	-3996 Dec 17 j 15:56	22°♏34'16	0.64021 AU
morning rise	-3996 Dec 21 j 07:07	19°♏00'10	
direct	-3996 Dec 28 j 05:37	16°♏10'53	
morning max el	-3995 Jan 10 j 19:06	23°♏54'07	27°28'05
desc. node	-3995 Jan 13 j 18:51	27°♏03'02	
	-3995 Jan 16 j 07:55	0°♐	
	-3995 Feb 05 j 12:40	0°♑	
morning set	-3995 Feb 14 j 16:22	16°♑59'56	
max. Earth dist.	-3995 Feb 19 j 18:12	27°♑18'37	1.33585 AU
	-3995 Feb 21 j 01:00	0°♒	
superior conj	-3995 Feb 22 j 13:58	3°♒15'45	0°-55'-59
minimum elong	-3995 Feb 22 j 16:22	3°♒28'31	0°55'43
asc. node	-3995 Feb 28 j 05:59	15°♒22'24	
evening rise	-3995 Mar 01 j 20:01	18°♒43'03	
	-3995 Mar 07 j 10:45	0°♓	
evening max el	-3995 Mar 23 j 17:28	23°♓40'06	22°35'37
	-3995 Apr 04 j 14:38	0°♈	
retrograde	-3995 Apr 05 j 18:37	0°♈03'05	
	-3995 Apr 06 j 22:48	30°℞♓	
evening set	-3995 Apr 08 j 21:22	29°♓41'47	
desc. node	-3995 Apr 11 j 17:43	28°♓48'09	
min. Earth dist.	-3995 Apr 17 j 02:28	26°♓06'02	0.55431 AU
inferior conj	-3995 Apr 18 j 04:40	25°♓28'34	-1°-44'-44
minimum elong	-3995 Apr 18 j 00:08	25°♓35'03	1°43'20
morning rise	-3995 Apr 27 j 05:12	21°♓31'39	
direct	-3995 Apr 29 j 19:26	21°♓16'04	
morning max el	-3995 May 11 j 04:11	26°♓35'06	20°55'33
	-3995 May 14 j 09:43	0°♈	
asc. node	-3995 May 27 j 05:40	20°♈40'26	
morning set	-3995 May 30 j 12:37	27°♈17'14	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3995 May 31 j 20:13	0°♉	
superior conj	-3995 Jun 07 j 02:54	13°♉01'08	1°32'09
minimum elong	-3995 Jun 07 j 00:20	12°♉47'53	1°32'00
max. Earth dist.	-3995 Jun 11 j 10:00	21°♉40'42	1.35647 AU
evening rise	-3995 Jun 15 j 18:21	0°♊03'27	
	-3995 Jun 15 j 17:36	0°♊	
	-3995 Jul 03 j 14:39	0°♋	
desc. node	-3995 Jul 08 j 16:34	7°♋14'54	
evening max el	-3995 Jul 21 j 06:56	22°♋15'40	26°28'24
retrograde	-3995 Aug 03 j 02:32	29°♋31'06	
evening set	-3995 Aug 09 j 15:04	26°♋47'14	
min. Earth dist.	-3995 Aug 13 j 16:58	22°♋28'31	0.66053 AU
inferior conj	-3995 Aug 15 j 06:13	20°♋34'44	-2°-30'-18
minimum elong	-3995 Aug 15 j 09:30	20°♋24'41	2°29'02
morning rise	-3995 Aug 21 j 04:52	14°♋45'21	
asc. node	-3995 Aug 23 j 04:59	13°♋59'32	
direct	-3995 Aug 24 j 05:10	13°♋53'47	
morning max el	-3995 Aug 31 j 00:10	17°♋41'36	18°45'16
	-3995 Sep 09 j 05:24	0°♌	
morning set	-3995 Sep 20 j 22:17	18°♌31'31	
	-3995 Sep 28 j 03:14	0°♍	
desc. node	-3995 Oct 04 j 16:08	10°♍19'45	
superior conj	-3995 Oct 06 j 21:57	13°♍51'45	0°-14'-11
minimum elong	-3995 Oct 06 j 20:05	13°♍44'24	0°13'54
behind sun begin	-3995 Oct 06 j 14:01	13°♍20'30	
behind sun end	-3995 Oct 07 j 02:09	14°♍08'17	
max. Earth dist.	-3995 Oct 06 j 21:53	13°♍51'30	1.44819 AU
	-3995 Oct 17 j 03:03	0°♎	
evening rise	-3995 Oct 22 j 21:34	9°♎12'18	
	-3995 Nov 05 j 00:40	0°♏	
evening max el	-3995 Nov 13 j 09:33	11°♏06'06	18°56'41
asc. node	-3995 Nov 19 j 03:51	14°♏53'21	
retrograde	-3995 Nov 20 j 06:25	15°♏00'14	
evening set	-3995 Nov 23 j 08:52	14°♏04'56	
inferior conj	-3995 Nov 29 j 04:27	8°♏17'12	2°59'22
minimum elong	-3995 Nov 29 j 01:18	8°♏26'59	2°58'24
min. Earth dist.	-3995 Nov 30 j 18:14	6°♏20'31	0.65375 AU
morning rise	-3995 Dec 04 j 16:42	2°♏07'23	
	-3995 Dec 07 j 23:05	30°℞♎	
direct	-3995 Dec 11 j 05:36	29°♎19'07	
	-3995 Dec 14 j 17:27	0°♏	
morning max el	-3995 Dec 24 j 04:43	6°♏52'03	26°42'23
desc. node	-3995 Dec 31 j 15:52	15°♏21'51	
	-3994 Jan 11 j 04:23	0°♐	
	-3994 Jan 28 j 19:44	0°♑	
morning set	-3994 Jan 29 j 01:29	0°♑27'22	
max. Earth dist.	-3994 Feb 02 j 10:27	8°♑59'02	1.34714 AU
superior conj	-3994 Feb 06 j 15:19	17°♑32'22	-1°-18'-26
minimum elong	-3994 Feb 06 j 18:21	17°♑48'07	1°18'10
	-3994 Feb 12 j 14:18	0°♒	
evening rise	-3994 Feb 14 j 05:14	3°♒22'31	
asc. node	-3994 Feb 15 j 02:59	5°♒14'33	
	-3994 Mar 01 j 12:12	0°♓	
evening max el	-3994 Mar 05 j 17:19	4°♓41'18	21°07'17
retrograde	-3994 Mar 17 j 08:23	10°♓14'36	
evening set	-3994 Mar 19 j 19:04	10°♓00'45	
inferior conj	-3994 Mar 29 j 00:00	6°♓02'26	0°10'17
minimum elong	-3994 Mar 29 j 00:28	6°♓01'45	0°10'03
transit middle	-3994 Mar 29 j 00:28	6°♓01'45	0°10'03
transit begin	-3994 Mar 28 j 21:18	6°♓06'15	
transit end	-3994 Mar 29 j 03:38	5°♓57'16	
min. Earth dist.	-3994 Mar 29 j 16:41	5°♓38'45	0.55190 AU
desc. node	-3994 Mar 29 j 14:50	5°♓41'23	
morning rise	-3994 Apr 07 j 05:05	1°♓54'29	
direct	-3994 Apr 10 j 07:29	1°♓33'29	
morning max el	-3994 Apr 23 j 04:37	7°♓45'51	22°26'27
	-3994 May 08 j 19:27	0°♈	
asc. node	-3994 May 14 j 02:39	10°♈26'36	
morning set	-3994 May 14 j 22:56	12°♈11'35	
superior conj	-3994 May 22 j 05:41	27°♈36'18	1°15'21
minimum elong	-3994 May 22 j 03:02	27°♈22'20	1°15'03
	-3994 May 23 j 08:59	0°♉	
max. Earth dist.	-3994 May 25 j 04:41	3°♉47'28	1.34340 AU
evening rise	-3994 May 30 j 04:07	13°♉48'17	
	-3994 Jun 07 j 23:23	0°♊	
desc. node	-3994 Jun 25 j 13:36	26°♊25'26	
	-3994 Jun 28 j 12:02	0°♋	
evening max el	-3994 Jul 03 j 18:25	5°♋38'41	27°10'42
retrograde	-3994 Jul 17 j 03:09	13°♋01'27	
evening set	-3994 Jul 24 j 02:11	10°♋14'52	
min. Earth dist.	-3994 Jul 27 j 21:06	6°♋34'00	0.64886 AU
inferior conj	-3994 Jul 29 j 23:50	4°♋11'22	-3°-14'-59
minimum elong	-3994 Jul 30 j 03:36	4°♋00'43	3°13'49
	-3994 Aug 03 j 03:34	30°℞♊	
morning rise	-3994 Aug 05 j 06:26	28°♊36'54	
direct	-3994 Aug 08 j 00:39	27°♊56'08	
asc. node	-3994 Aug 10 j 02:04	28°♊18'42	
	-3994 Aug 12 j 22:44	0°♋	
morning max el	-3994 Aug 14 j 13:27	1°♋27'58	18°12'25
morning set	-3994 Sep 01 j 22:17	29°♋15'30	
	-3994 Sep 02 j 08:58	0°♌	
superior conj	-3994 Sep 16 j 01:30	22°♌22'19	0°34'24
minimum elong	-3994 Sep 16 j 05:33	22°♌38'28	0°33'59
max. Earth dist.	-3994 Sep 19 j 15:48	28°♌05'30	1.44591 AU
	-3994 Sep 20 j 20:46	0°♍	
desc. node	-3994 Sep 21 j 13:05	1°♍04'20	
evening rise	-3994 Oct 02 j 17:13	18°♍32'04	
	-3994 Oct 10 j 03:05	0°♎	
greatest brilliancy	-3994 Oct 19 j 18:06	14°♎26'28	-0.6m
evening max el	-3994 Oct 27 j 16:43	24°♎32'51	19°45'47
retrograde	-3994 Nov 04 j 03:05	28°♎52'28	
asc. node	-3994 Nov 06 j 00:57	28°♎31'17	
evening set	-3994 Nov 07 j 13:31	27°♎43'37	
inferior conj	-3994 Nov 13 j 03:52	21°♎42'28	2°16'23
minimum elong	-3994 Nov 13 j 01:07	21°♎51'31	2°15'22
min. Earth dist.	-3994 Nov 14 j 04:29	20°♎21'43	0.66374 AU
morning rise	-3994 Nov 18 j 12:01	15°♎27'43	
direct	-3994 Nov 24 j 11:18	12°♎51'39	
morning max el	-3994 Dec 06 j 13:42	20°♎01'11	25°33'33
	-3994 Dec 15 j 04:02	0°♏	
desc. node	-3994 Dec 18 j 12:53	4°♏28'18	
	-3993 Jan 04 j 07:30	0°♐	
morning set	-3993 Jan 11 j 18:53	13°♐02'27	
max. Earth dist.	-3993 Jan 15 j 15:07	20°♐10'25	1.36290 AU
	-3993 Jan 20 j 16:32	0°♑	
superior conj	-3993 Jan 21 j 08:29	1°♑19'25	-1°-37'-18
minimum elong	-3993 Jan 21 j 11:32	1°♑34'40	1°37'11
evening rise	-3993 Jan 29 j 10:25	17°♑43'46	
asc. node	-3993 Feb 02 j 00:01	24°♑49'38	
	-3993 Feb 04 j 17:48	0°♒	
evening max el	-3993 Feb 16 j 03:23	16°♒15'47	19°53'33
retrograde	-3993 Feb 26 j 01:38	20°♒58'19	
evening set	-3993 Feb 28 j 09:08	20°♒44'08	
inferior conj	-3993 Mar 09 j 00:50	16°♒42'48	1°58'45
minimum elong	-3993 Mar 09 j 05:21	16°♒35'50	1°57'16
min. Earth dist.	-3993 Mar 11 j 06:54	15°♒19'43	0.55879 AU
desc. node	-3993 Mar 16 j 11:58	12°♒38'58	
morning rise	-3993 Mar 17 j 22:30	12°♒09'17	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-3993 Mar 22 j 01:08	11°♒31'52	
morning max el	-3993 Apr 04 j 21:20	18°♒26'42	24°05'28
	-3993 Apr 14 j 09:43	0°♓	
morning set	-3993 Apr 29 j 10:57	27°♓13'03	
asc. node	-3993 Apr 30 j 23:37	0°♈26'44	
	-3993 Apr 30 j 18:35	0°♈	
superior conj	-3993 May 06 j 13:24	12°♈27'15	0°55'02
minimum elong	-3993 May 06 j 11:12	12°♈15'27	0°54'40
max. Earth dist.	-3993 May 08 j 08:46	16°♈20'01	1.33404 AU
evening rise	-3993 May 14 j 00:28	28°♈05'55	
	-3993 May 14 j 23:16	0°♉	
	-3993 Jun 01 j 04:45	0°♊	
desc. node	-3993 Jun 12 j 10:42	14°♊46'58	
evening max el	-3993 Jun 16 j 04:40	18°♊41'09	27°25'21
retrograde	-3993 Jun 29 j 21:43	26°♊04'42	
evening set	-3993 Jul 07 j 01:20	23°♊27'41	
min. Earth dist.	-3993 Jul 10 j 15:50	20°♊19'46	0.63343 AU
inferior conj	-3993 Jul 13 j 08:28	17°♊36'08	-3°-51'-21
minimum elong	-3993 Jul 13 j 11:55	17°♊27'24	3°50'36
morning rise	-3993 Jul 20 j 00:29	12°♊19'57	
direct	-3993 Jul 22 j 14:51	11°♊47'16	
asc. node	-3993 Jul 27 j 23:08	14°♊04'55	
morning max el	-3993 Jul 29 j 04:20	15°♊11'35	17°57'17
	-3993 Aug 08 j 12:32	0°♋	
morning set	-3993 Aug 14 j 23:02	11°♋10'09	
	-3993 Aug 25 j 22:18	0°♌	
superior conj	-3993 Aug 27 j 02:37	1°♌57'57	1°13'09
minimum elong	-3993 Aug 27 j 08:24	2°♌21'57	1°12'41
max. Earth dist.	-3993 Sep 02 j 07:33	12°♌06'30	1.43669 AU
desc. node	-3993 Sep 08 j 10:02	21°♌48'01	
evening rise	-3993 Sep 11 j 22:10	27°♌15'38	
	-3993 Sep 13 j 16:47	0°♍	
	-3993 Oct 04 j 03:08	0°♎	
greatest brilliancy	-3993 Oct 04 j 23:11	1°♎06'14	-0.5m
evening max el	-3993 Oct 10 j 18:15	7°♎59'05	20°48'56
retrograde	-3993 Oct 19 j 00:12	12°♎51'33	
evening set	-3993 Oct 22 j 20:50	11°♎26'28	
asc. node	-3993 Oct 23 j 22:04	10°♎33'41	
inferior conj	-3993 Oct 28 j 07:37	5°♎15'13	1°28'00
minimum elong	-3993 Oct 28 j 05:41	5°♎21'47	1°27'13
min. Earth dist.	-3993 Oct 28 j 20:33	4°♎31'11	0.67030 AU
	-3993 Nov 01 j 12:14	30°℞♍	
morning rise	-3993 Nov 02 j 14:07	28°♍58'05	
direct	-3993 Nov 07 j 22:02	26°♍40'59	
	-3993 Nov 15 j 08:36	0°♎	
morning max el	-3993 Nov 18 j 22:25	3°♎15'06	24°11'07
desc. node	-3993 Dec 05 j 09:53	24°♎08'25	
	-3993 Dec 09 j 09:34	0°♏	
morning set	-3993 Dec 24 j 14:42	24°♏29'21	
	-3993 Dec 27 j 18:09	0°♐	
max. Earth dist.	-3993 Dec 28 j 12:16	1°♐20'54	1.38219 AU
superior conj	-3992 Jan 04 j 13:56	14°♐26'57	-1°-50'-23
minimum elong	-3992 Jan 04 j 15:58	14°♐36'38	1°50'28
	-3992 Jan 12 j 12:55	0°♑	
evening rise	-3992 Jan 13 j 09:17	1°♑40'22	
asc. node	-3992 Jan 19 j 21:04	14°♑01'23	
evening max el	-3992 Jan 29 j 23:37	28°♑25'33	18°58'35
	-3992 Jan 31 j 19:44	0°♒	
retrograde	-3992 Feb 07 j 10:09	2°♒28'38	
evening set	-3992 Feb 09 j 19:33	2°♒10'29	
	-3992 Feb 14 j 15:21	30°℞♑	
inferior conj	-3992 Feb 17 j 18:24	27°♑53'34	3°15'18
minimum elong	-3992 Feb 17 j 22:58	27°♑45'26	3°14'12
min. Earth dist.	-3992 Feb 20 j 22:19	25°♑39'44	0.57323 AU
morning rise	-3992 Feb 25 j 22:39	22°♑50'13	
direct	-3992 Mar 02 j 06:50	21°♑42'26	
desc. node	-3992 Mar 02 j 09:05	21°♑42'27	
morning max el	-3992 Mar 16 j 12:26	29°♑03'45	25°39'21
	-3992 Mar 17 j 11:12	0°♒	
	-3992 Apr 06 j 20:04	0°♓	
morning set	-3992 Apr 12 j 23:04	12°♓15'49	
asc. node	-3992 Apr 16 j 20:36	20°♓36'06	
superior conj	-3992 Apr 20 j 00:03	27°♓27'14	0°32'16
minimum elong	-3992 Apr 19 j 22:40	27°♓19'43	0°31'58
max. Earth dist.	-3992 Apr 20 j 19:23	29°♓12'37	1.32820 AU
	-3992 Apr 21 j 04:06	0°♈	
evening rise	-3992 Apr 27 j 04:08	12°♈45'50	
	-3992 May 06 j 02:58	0°♉	
	-3992 May 27 j 06:33	0°♊	
evening max el	-3992 May 28 j 11:03	1°♊10'12	27°07'56
desc. node	-3992 May 29 j 07:48	1°♊58'41	
retrograde	-3992 Jun 11 j 09:35	8°♊32'07	
evening set	-3992 Jun 18 j 08:35	6°♊18'31	
min. Earth dist.	-3992 Jun 22 j 00:30	3°♊32'19	0.61478 AU
inferior conj	-3992 Jun 25 j 04:56	0°♊41'37	-4°-14'-31
minimum elong	-3992 Jun 25 j 06:47	0°♊37'27	4°14'15
	-3992 Jun 25 j 23:36	30°℞♉	
morning rise	-3992 Jul 02 j 07:48	25°♉46'28	
direct	-3992 Jul 04 j 20:06	25°♉19'58	
morning max el	-3992 Jul 11 j 18:06	28°♉46'18	18°00'43
	-3992 Jul 12 j 22:26	0°♊	
asc. node	-3992 Jul 13 j 20:11	1°♊03'02	
morning set	-3992 Jul 27 j 19:02	24°♊00'15	
	-3992 Jul 31 j 01:43	0°♋	
superior conj	-3992 Aug 07 j 07:29	12°♋56'18	1°37'25
minimum elong	-3992 Aug 07 j 11:25	13°♋13'31	1°37'18
max. Earth dist.	-3992 Aug 14 j 18:04	25°♋35'27	1.42177 AU
	-3992 Aug 17 j 10:34	0°♌	
evening rise	-3992 Aug 21 j 07:26	6°♌12'50	
desc. node	-3992 Aug 25 j 07:01	12°♌27'29	
	-3992 Sep 06 j 00:05	0°♍	
greatest brilliancy	-3992 Sep 17 j 18:51	15°♍59'24	-0.4m
evening max el	-3992 Sep 22 j 13:31	21°♍24'17	22°02'57
retrograde	-3992 Oct 01 j 20:03	26°♍54'54	
evening set	-3992 Oct 06 j 04:55	25°♍11'23	
asc. node	-3992 Oct 09 j 19:13	21°♍17'39	
inferior conj	-3992 Oct 11 j 13:42	18°♍53'32	0°36'15
minimum elong	-3992 Oct 11 j 12:52	18°♍56'24	0°35'56
min. Earth dist.	-3992 Oct 11 j 16:02	18°♍45'27	0.67369 AU
morning rise	-3992 Oct 16 j 20:38	12°♍36'47	
direct	-3992 Oct 21 j 13:19	10°♍41'11	
morning max el	-3992 Oct 31 j 09:09	16°♍32'39	22°44'36
greatest brilliancy	-3992 Nov 05 j 03:09	21°♍53'08	-0.3m
	-3992 Nov 11 j 09:13	0°♎	
desc. node	-3992 Nov 21 j 06:52	14°♎12'17	
	-3992 Dec 01 j 11:33	0°♏	
morning set	-3992 Dec 04 j 07:12	4°♏34'24	
max. Earth dist.	-3992 Dec 09 j 08:57	13°♏03'25	1.40291 AU
superior conj	-3992 Dec 17 j 02:59	26°♏42'07	-1°-54'-41
minimum elong	-3992 Dec 17 j 02:34	26°♏40'18	1°54'51
	-3992 Dec 18 j 22:17	0°♐	
evening rise	-3992 Dec 26 j 22:58	15°♐04'42	
	-3991 Jan 04 j 02:49	0°♑	
asc. node	-3991 Jan 05 j 18:09	2°♑41'22	
evening max el	-3991 Jan 12 j 04:02	11°♑04'27	18°23'36
retrograde	-3991 Jan 19 j 13:08	14°♑43'04	
evening set	-3991 Jan 22 j 01:11	14°♑19'07	
inferior conj	-3991 Jan 29 j 08:22	9°♑41'30	3°54'25

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-3991	Jan	29 j	10:27	9°♉37'12	3°54'04	evening set	-3990	Jan	04 j	23:06	27°♐02'49	
min. Earth dist.	-3991	Feb	01 j	17:26	6°♉55'07	0.59219 AU	inferior conj	-3990	Jan	11 j	17:13	22°♐03'21	4°02'45
morning rise	-3991	Feb	05 j	16:22	4°♉13'55		minimum elong	-3990	Jan	11 j	16:37	22°♐04'47	4°02'34
direct	-3991	Feb	12 j	01:19	2°♉27'08		min. Earth dist.	-3990	Jan	14 j	19:15	19°♐08'19	0.61236 AU
desc. node	-3991	Feb	17 j	06:12	3°♉34'47		morning rise	-3990	Jan	18 j	07:38	16°♐18'57	
morning max el	-3991	Feb	26 j	07:22	10°♉02'47	26°52'59	direct	-3990	Jan	25 j	06:29	13°♐57'06	
	-3991	Mar	13 j	15:52	0°♒		desc. node	-3990	Feb	04 j	03:19	17°♐59'15	
morning set	-3991	Mar	28 j	09:26	27°♒12'14		morning max el	-3990	Feb	08 j	08:21	21°♐39'31	27°34'50
	-3991	Mar	29 j	17:23	0°♓			-3990	Feb	15 j	16:32	0°♉	
asc. node	-3991	Apr	03 j	17:37	10°♓49'19			-3990	Mar	06 j	14:47	0°♒	
							morning set	-3990	Mar	12 j	16:10	11°♒55'18	
superior conj	-3991	Apr	04 j	11:48	12°♓28'50	0°07'55	max. Earth dist.	-3990	Mar	18 j	20:56	25°♒04'20	1.32666 AU
minimum elong	-3991	Apr	04 j	11:27	12°♓26'55	0°07'47							
behind sun begin	-3991	Apr	04 j	07:04	12°♓02'58		superior conj	-3990	Mar	19 j	22:59	27°♒26'04	0°-17'-10
behind sun end	-3991	Apr	04 j	15:49	12°♓50'53		minimum elong	-3990	Mar	19 j	23:45	27°♒30'18	0°17'08
max. Earth dist.	-3991	Apr	04 j	08:40	12°♓11'45	1.32570 AU		-3990	Mar	21 j	03:12	0°♓	
evening rise	-3991	Apr	11 j	12:26	27°♓38'04		asc. node	-3990	Mar	21 j	14:37	1°♓02'16	
	-3991	Apr	12 j	15:47	0°♈		evening rise	-3990	Mar	26 j	23:19	12°♓35'19	
	-3991	Apr	29 j	17:30	0°♉			-3990	Apr	04 j	20:58	0°♈	
evening max el	-3991	May	10 j	11:29	12°♉57'24	26°18'17	evening max el	-3990	Apr	22 j	06:04	24°♈05'18	25°01'49
desc. node	-3991	May	16 j	04:54	17°♉31'30			-3990	Apr	30 j	15:47	0°♉	
retrograde	-3991	May	24 j	13:32	20°♉15'48		desc. node	-3990	May	03 j	02:01	0°♉49'16	
evening set	-3991	May	30 j	19:53	18°♉37'31		retrograde	-3990	May	06 j	07:07	1°♉13'20	
min. Earth dist.	-3991	Jun	04 j	00:26	15°♉56'19	0.59435 AU	evening set	-3990	May	11 j	09:28	0°♉13'27	
inferior conj	-3991	Jun	07 j	09:34	13°♉18'41	-4°-17'00		-3990	May	11 j	22:52	30°℞♈	
minimum elong	-3991	Jun	07 j	08:25	13°♉20'55	4°16'51	min. Earth dist.	-3990	May	16 j	18:23	27°♈20'47	0.57486 AU
morning rise	-3991	Jun	15 j	00:40	8°♉45'46		inferior conj	-3990	May	19 j	19:06	25°♈18'18	-3°-48'-48
direct	-3991	Jun	17 j	12:03	8°♉24'07		minimum elong	-3990	May	19 j	14:29	25°♈26'08	3°47'59
morning max el	-3991	Jun	25 j	03:53	12°♉04'10	18°23'38	morning rise	-3990	May	27 j	23:37	21°♈05'38	
asc. node	-3991	Jun	30 j	17:14	18°♉57'49		direct	-3990	May	30 j	10:44	20°♈47'47	
	-3991	Jul	07 j	05:04	0°♊		morning max el	-3990	Jun	08 j	06:42	24°♈55'25	19°06'48
morning set	-3991	Jul	11 j	05:18	7°♊33'12			-3990	Jun	12 j	16:32	0°♉	
							asc. node	-3990	Jun	17 j	14:16	7°♉36'05	
superior conj	-3991	Jul	20 j	12:43	25°♊08'08	1°48'06	morning set	-3990	Jun	25 j	01:49	21°♉38'50	
minimum elong	-3991	Jul	20 j	13:56	25°♊13'42	1°48'14		-3990	Jun	29 j	06:57	0°♊	
	-3991	Jul	23 j	04:54	0°♋								
max. Earth dist.	-3991	Jul	27 j	22:27	8°♋20'11	1.40326 AU	superior conj	-3990	Jul	03 j	12:33	8°♊17'03	1°47'56
evening rise	-3991	Aug	01 j	13:47	16°♋10'43		minimum elong	-3990	Jul	03 j	11:35	8°♊12'23	1°48'05
	-3991	Aug	10 j	05:16	0°♌		max. Earth dist.	-3990	Jul	10 j	00:03	20°♊25'44	1.38376 AU
desc. node	-3991	Aug	12 j	04:00	2°♌58'59		evening rise	-3990	Jul	13 j	22:26	27°♊25'31	
	-3991	Aug	31 j	17:56	0°♍			-3990	Jul	15 j	10:10	0°♋	
evening max el	-3991	Sep	05 j	03:32	4°♍50'22	23°23'06	desc. node	-3990	Jul	30 j	00:59	23°♋17'28	
retrograde	-3991	Sep	15 j	13:06	10°♍59'40			-3990	Aug	03 j	16:56	0°♌	
evening set	-3991	Sep	20 j	11:59	8°♍56'37		evening max el	-3990	Aug	18 j	14:47	18°♌19'27	24°42'50
inferior conj	-3991	Sep	25 j	20:20	2°♍35'52	0°-17'-5	retrograde	-3990	Aug	30 j	02:16	25°♌01'43	
minimum elong	-3991	Sep	25 j	20:44	2°♍34'30	0°16'50	evening set	-3990	Sep	04 j	16:13	22°♌39'44	
min. Earth dist.	-3991	Sep	25 j	12:30	3°♍02'45	0.67408 AU	min. Earth dist.	-3990	Sep	09 j	07:25	17°♌20'56	0.67147 AU
asc. node	-3991	Sep	26 j	16:20	1°♍27'36		inferior conj	-3990	Sep	10 j	01:46	16°♌19'42	-1°-10'-26
	-3991	Sep	27 j	18:52	30°℞♌		minimum elong	-3990	Sep	10 j	03:25	16°♌14'13	1°09'39
morning rise	-3991	Oct	01 j	05:32	26°♌22'30		asc. node	-3990	Sep	13 j	13:26	12°♌02'02	
direct	-3991	Oct	05 j	08:17	24°♌48'04		morning rise	-3990	Sep	15 j	14:57	10°♌13'03	
morning max el	-3991	Oct	14 j	00:52	29°♌56'14	21°22'19	direct	-3990	Sep	19 j	05:43	8°♌57'36	
	-3991	Oct	14 j	02:20	0°♍		morning max el	-3990	Sep	26 j	23:32	13°♌27'42	20°10'07
greatest brilliancy	-3991	Oct	19 j	07:53	6°♍04'04	-0.4m	greatest brilliancy	-3990	Oct	04 j	01:05	22°♌07'42	-0.6m
	-3991	Nov	05 j	04:02	0°♎			-3990	Oct	09 j	13:24	0°♍	
desc. node	-3991	Nov	08 j	03:50	4°♎33'11		morning set	-3990	Oct	23 j	18:20	21°♍33'52	
morning set	-3991	Nov	13 j	20:05	13°♎22'12		desc. node	-3990	Oct	26 j	00:46	25°♍05'12	
max. Earth dist.	-3991	Nov	21 j	11:09	25°♎37'37	1.42221 AU		-3990	Oct	29 j	04:09	0°♎	
	-3991	Nov	24 j	02:35	0°♏		max. Earth dist.	-3990	Nov	03 j	20:56	9°♎02'06	1.43735 AU
superior conj	-3991	Nov	28 j	18:02	7°♏51'55	-1°-46'-33	superior conj	-3990	Nov	09 j	06:09	17°♎44'45	-1°-22'-28
minimum elong	-3991	Nov	28 j	14:00	7°♏34'36	1°46'26	minimum elong	-3990	Nov	08 j	23:16	17°♎16'39	1°21'51
evening rise	-3991	Dec	09 j	23:54	27°♏49'27			-3990	Nov	16 j	14:51	0°♏	
	-3991	Dec	11 j	04:42	0°♐		evening rise	-3990	Nov	22 j	07:39	9°♏45'05	
asc. node	-3991	Dec	23 j	15:14	20°♐40'02			-3990	Dec	04 j	10:03	0°♐	
evening max el	-3991	Dec	26 j	13:56	24°♐05'26	18°08'34	evening max el	-3990	Dec	10 j	02:26	7°♐20'25	18°12'55
retrograde	-3990	Jan	02 j	08:16	27°♐33'46		asc. node	-3990	Dec	10 j	12:19	7°♐44'48	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-3990 Dec 16 j 15:27	10°♐50'47	
evening set	-3990 Dec 19 j 09:42	10°♐11'39	
inferior conj	-3990 Dec 25 j 17:19	4°♐51'17	3°49'10
minimum elong	-3990 Dec 25 j 14:57	4°♐57'39	3°48'41
min. Earth dist.	-3990 Dec 28 j 06:01	2°♐09'05	0.63096 AU
	-3990 Dec 30 j 11:10	30°℞♏	
morning rise	-3990 Dec 31 j 18:27	28°♏54'51	
direct	-3989 Jan 07 j 19:51	26°♏11'12	
	-3989 Jan 17 j 02:57	0°♐	
morning max el	-3989 Jan 21 j 14:37	3°♐55'12	27°40'34
desc. node	-3989 Jan 22 j 00:23	4°♐19'29	
	-3989 Feb 10 j 04:56	0°♑	
morning set	-3989 Feb 24 j 16:59	26°♑17'19	
	-3989 Feb 26 j 12:52	0°♒	
max. Earth dist.	-3989 Mar 02 j 04:25	7°♒37'40	1.33133 AU
superior conj	-3989 Mar 04 j 07:55	12°♒13'08	0°-42'-7
minimum elong	-3989 Mar 04 j 09:47	12°♒23'09	0°41'53
asc. node	-3989 Mar 08 j 11:36	21°♒11'01	
evening rise	-3989 Mar 11 j 10:58	27°♒31'13	
	-3989 Mar 12 j 15:28	0°♓	
	-3989 Mar 30 j 11:29	0°♈	
evening max el	-3989 Apr 03 j 22:05	4°♈50'27	23°29'56
retrograde	-3989 Apr 17 j 11:50	11°♈34'27	
desc. node	-3989 Apr 19 j 23:09	11°♈20'54	
evening set	-3989 Apr 21 j 06:20	11°♈03'17	
min. Earth dist.	-3989 Apr 28 j 09:13	7°♈47'03	0.55975 AU
inferior conj	-3989 Apr 30 j 08:45	6°♈36'13	-2°-41'-13
minimum elong	-3989 Apr 30 j 02:53	6°♈45'00	2°39'36
morning rise	-3989 May 09 j 02:47	2°♈37'15	
direct	-3989 May 11 j 14:56	2°♈21'34	
morning max el	-3989 May 21 j 23:58	7°♈11'02	20°10'23
asc. node	-3989 Jun 04 j 11:16	26°♈47'28	
	-3989 Jun 06 j 03:24	0°♉	
morning set	-3989 Jun 09 j 05:34	6°♉09'29	
superior conj	-3989 Jun 17 j 01:54	22°♉09'03	1°39'42
minimum elong	-3989 Jun 16 j 23:40	21°♉57'49	1°39'40
	-3989 Jun 21 j 01:09	0°♊	
max. Earth dist.	-3989 Jun 22 j 04:57	2°♊14'02	1.36562 AU
evening rise	-3989 Jun 26 j 06:21	9°♊50'31	
	-3989 Jul 08 j 01:43	0°♋	
desc. node	-3989 Jul 16 j 22:00	13°♋17'07	
	-3989 Jul 30 j 05:48	0°♌	
evening max el	-3989 Aug 01 j 01:38	1°♌51'30	25°54'12
retrograde	-3989 Aug 13 j 10:48	8°♌57'10	
evening set	-3989 Aug 19 j 15:43	6°♌19'30	
min. Earth dist.	-3989 Aug 23 j 22:20	1°♌38'30	0.66563 AU
inferior conj	-3989 Aug 25 j 04:16	0°♌03'33	-2°-2'-3
minimum elong	-3989 Aug 25 j 07:02	29°♋54'46	2°00'53
	-3989 Aug 25 j 05:23	30°℞♋	
morning rise	-3989 Aug 30 j 23:01	24°♋06'57	
asc. node	-3989 Aug 31 j 10:32	23°♋50'30	
direct	-3989 Sep 03 j 04:01	23°♋07'31	
morning max el	-3989 Sep 10 j 05:18	27°♋07'50	19°11'43
	-3989 Sep 12 j 18:21	0°♌	
	-3989 Oct 02 j 20:57	0°♍	
morning set	-3989 Oct 03 j 01:35	0°♍18'12	
desc. node	-3989 Oct 12 j 21:40	15°♍44'43	
max. Earth dist.	-3989 Oct 17 j 12:42	23°♍02'06	1.44636 AU
superior conj	-3989 Oct 19 j 16:38	26°♍27'31	0°-42'-12
minimum elong	-3989 Oct 19 j 11:26	26°♍06'57	0°41'33
	-3989 Oct 21 j 22:08	0°♎	
evening rise	-3989 Nov 03 j 17:41	20°♎43'02	
	-3989 Nov 09 j 09:16	0°♏	
evening max el	-3989 Nov 23 j 14:43	20°♏43'09	18°35'41
asc. node	-3989 Nov 27 j 09:25	23°♏41'01	
retrograde	-3989 Nov 30 j 06:34	24°♏26'00	
evening set	-3989 Dec 03 j 05:34	23°♏37'05	
inferior conj	-3989 Dec 09 j 04:56	17°♏58'14	3°20'38
minimum elong	-3989 Dec 09 j 01:49	18°♏07'26	3°19'47
min. Earth dist.	-3989 Dec 11 j 02:46	15°♏42'57	0.64648 AU
morning rise	-3989 Dec 14 j 20:53	11°♏52'36	
direct	-3989 Dec 21 j 15:58	9°♏02'27	
morning max el	-3988 Jan 03 j 23:51	16°♏41'46	27°12'02
desc. node	-3988 Jan 08 j 21:25	22°♏02'37	
	-3988 Jan 15 j 02:56	0°♐	
	-3988 Feb 02 j 23:26	0°♑	
morning set	-3988 Feb 08 j 08:54	10°♑08'07	
max. Earth dist.	-3988 Feb 13 j 03:23	19°♑40'16	1.34014 AU
superior conj	-3988 Feb 16 j 12:40	26°♑42'58	-1°-5'-51
minimum elong	-3988 Feb 16 j 15:24	26°♑57'21	1°05'33
	-3988 Feb 18 j 01:58	0°♒	
asc. node	-3988 Feb 23 j 08:36	11°♒10'49	
evening rise	-3988 Feb 23 j 21:37	12°♒18'49	
	-3988 Mar 04 j 02:06	0°♓	
evening max el	-3988 Mar 15 j 17:15	15°♓37'57	21°56'39
retrograde	-3988 Mar 28 j 05:04	21°♓41'01	
evening set	-3988 Mar 30 j 23:26	21°♓23'59	
desc. node	-3988 Apr 05 j 20:18	19°♓12'24	
inferior conj	-3988 Apr 09 j 07:23	17°♓19'08	0°-57'-17
minimum elong	-3988 Apr 09 j 04:45	17°♓22'51	0°56'27
min. Earth dist.	-3988 Apr 08 j 23:02	17°♓30'53	0.55212 AU
morning rise	-3988 Apr 18 j 11:11	13°♓20'13	
direct	-3988 Apr 21 j 05:15	13°♓03'17	
morning max el	-3988 May 03 j 06:22	18°♓44'43	21°32'43
	-3988 May 12 j 06:14	0°♈	
asc. node	-3988 May 21 j 08:15	16°♈22'46	
morning set	-3988 May 23 j 14:03	20°♈56'55	
	-3988 May 27 j 21:56	0°♉	
superior conj	-3988 May 31 j 00:40	6°♉31'08	1°25'33
minimum elong	-3988 May 30 j 21:59	6°♉17'11	1°25'19
max. Earth dist.	-3988 Jun 03 j 17:54	14°♉08'24	1.35044 AU
evening rise	-3988 Jun 08 j 08:06	23°♉09'50	
	-3988 Jun 11 j 23:56	0°♊	
	-3988 Jun 30 j 17:15	0°♋	
desc. node	-3988 Jul 02 j 19:03	2°♋48'47	
evening max el	-3988 Jul 13 j 12:54	15°♋19'48	26°49'18
retrograde	-3988 Jul 26 j 14:25	22°♋39'00	
evening set	-3988 Aug 02 j 08:08	19°♋52'26	
min. Earth dist.	-3988 Aug 06 j 06:51	15°♋50'24	0.65609 AU
inferior conj	-3988 Aug 08 j 01:45	13°♋43'38	-2°-50'-1
minimum elong	-3988 Aug 08 j 05:20	13°♋33'04	2°48'46
morning rise	-3988 Aug 14 j 03:38	8°♋00'27	
direct	-3988 Aug 17 j 01:08	7°♋13'48	
asc. node	-3988 Aug 17 j 07:37	7°♋14'12	
morning max el	-3988 Aug 23 j 16:34	10°♋53'26	18°29'15
	-3988 Sep 06 j 01:56	0°♌	
morning set	-3988 Sep 12 j 09:42	10°♌16'36	
	-3988 Sep 24 j 16:20	0°♍	
superior conj	-3988 Sep 27 j 16:06	4°♍43'56	0°07'01
minimum elong	-3988 Sep 27 j 17:01	4°♍47'34	0°06'59
behind sun begin	-3988 Sep 27 j 06:42	4°♍06'50	
behind sun end	-3988 Sep 28 j 03:19	5°♍28'16	
desc. node	-3988 Sep 28 j 18:36	6°♍28'32	
max. Earth dist.	-3988 Sep 29 j 06:59	7°♍17'20	1.44814 AU
	-3988 Oct 13 j 17:21	0°♎	
evening rise	-3988 Oct 14 j 02:56	0°♎37'45	
greatest brilliancy	-3988 Oct 26 j 09:08	19°♎48'31	-0.7m
	-3988 Nov 02 j 11:34	0°♏	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-3988 Nov 06 j 00:19	4°♏09'26	19°15'37
retrograde	-3988 Nov 13 j 02:10	8°♏13'42	
asc. node	-3988 Nov 13 j 06:31	8°♏13'31	
evening set	-3988 Nov 16 j 07:44	7°♏12'54	
inferior conj	-3988 Nov 22 j 00:52	1°♏18'45	2°41'57
minimum elong	-3988 Nov 21 j 21:48	1°♏28'28	2°40'55
	-3988 Nov 23 j 01:35	30°℞♎	
min. Earth dist.	-3988 Nov 23 j 08:46	29°♎37'17	0.65841 AU
morning rise	-3988 Nov 27 j 11:02	25°♎06'24	
direct	-3988 Dec 03 j 18:18	22°♎22'32	
morning max el	-3988 Dec 16 j 09:37	29°♎47'16	26°15'26
	-3988 Dec 16 j 14:42	0°♏	
desc. node	-3988 Dec 25 j 18:25	10°♏44'12	
	-3987 Jan 08 j 00:20	0°♐	
morning set	-3987 Jan 21 j 12:01	23°♐15'50	
	-3987 Jan 25 j 00:53	0°♑	
max. Earth dist.	-3987 Jan 25 j 14:59	1°♑08'39	1.35335 AU
superior conj	-3987 Jan 30 j 10:55	10°♑48'24	-1°-27'00
minimum elong	-3987 Jan 30 j 14:03	11°♑04'28	1°26'46
evening rise	-3987 Feb 07 j 05:25	26°♑51'57	
	-3987 Feb 08 j 18:20	0°♒	
asc. node	-3987 Feb 09 j 05:38	0°♒56'57	
evening max el	-3987 Feb 25 j 21:07	26°♒52'02	20°33'44
	-3987 Mar 01 j 21:47	0°♓	
retrograde	-3987 Mar 08 j 19:08	2°♓03'39	
evening set	-3987 Mar 11 j 03:11	1°♓50'21	
	-3987 Mar 16 j 06:57	30°℞♒	
inferior conj	-3987 Mar 20 j 03:20	27°♒52'22	0°59'03
minimum elong	-3987 Mar 20 j 05:56	27°♒48'35	0°58'05
min. Earth dist.	-3987 Mar 21 j 13:10	27°♒03'05	0.55373 AU
desc. node	-3987 Mar 23 j 17:25	25°♒50'05	
morning rise	-3987 Mar 29 j 06:49	23°♒34'51	
direct	-3987 Apr 01 j 17:55	23°♒08'45	
morning max el	-3987 Apr 15 j 03:07	29°♒41'05	23°08'21
	-3987 Apr 15 j 11:02	0°♓	
	-3987 May 05 j 04:02	0°♈	
morning set	-3987 May 08 j 01:17	5°♈54'55	
asc. node	-3987 May 08 j 05:14	6°♈15'34	
superior conj	-3987 May 15 j 05:50	21°♈13'58	1°07'07
minimum elong	-3987 May 15 j 03:19	21°♈00'37	1°06'45
max. Earth dist.	-3987 May 17 j 16:37	26°♈25'03	1.33892 AU
	-3987 May 19 j 09:54	0°♉	
evening rise	-3987 May 22 j 22:48	7°♉09'40	
	-3987 Jun 04 j 13:19	0°♊	
desc. node	-3987 Jun 19 j 16:09	21°♊40'31	
evening max el	-3987 Jun 25 j 23:51	28°♊34'28	27°20'35
	-3987 Jun 27 j 12:49	0°♋	
retrograde	-3987 Jul 09 j 12:39	5°♋58'53	
evening set	-3987 Jul 16 j 14:37	3°♋14'19	
	-3987 Jul 20 j 02:43	30°℞♊	
min. Earth dist.	-3987 Jul 20 j 07:02	29°♊48'41	0.64270 AU
inferior conj	-3987 Jul 22 j 15:52	27°♊15'28	-3°-31'-43
minimum elong	-3987 Jul 22 j 19:38	27°♊05'18	3°30'41
morning rise	-3987 Jul 29 j 02:21	21°♊48'43	
direct	-3987 Jul 31 j 18:35	21°♊11'50	
asc. node	-3987 Aug 04 j 04:41	22°♊11'43	
morning max el	-3987 Aug 07 j 06:55	24°♊39'28	18°03'50
	-3987 Aug 11 j 15:40	0°♋	
morning set	-3987 Aug 24 j 20:47	21°♋31'57	
	-3987 Aug 29 j 20:53	0°♌	
superior conj	-3987 Sep 07 j 03:12	13°♌37'55	0°52'29
minimum elong	-3987 Sep 07 j 08:34	13°♌59'41	0°51'58
max. Earth dist.	-3987 Sep 12 j 00:02	21°♌26'58	1.44270 AU
desc. node	-3987 Sep 15 j 15:33	27°♌13'12	
	-3987 Sep 17 j 10:03	0°♍	
evening rise	-3987 Sep 23 j 14:27	9°♍37'06	
	-3987 Oct 06 j 23:52	0°♎	
greatest brilliancy	-3987 Oct 13 j 08:14	9°♎07'55	-0.6m
evening max el	-3987 Oct 20 j 05:10	17°♎36'02	20°11'04
retrograde	-3987 Oct 27 j 23:24	22°♎09'20	
asc. node	-3987 Oct 31 j 03:38	21°♎10'46	
evening set	-3987 Oct 31 j 13:47	20°♎54'03	
inferior conj	-3987 Nov 06 j 02:25	14°♎48'06	1°56'23
minimum elong	-3987 Nov 05 j 23:58	14°♎56'17	1°55'27
min. Earth dist.	-3987 Nov 06 j 21:55	13°♎42'51	0.66689 AU
morning rise	-3987 Nov 11 j 09:34	8°♎31'43	
direct	-3987 Nov 17 j 02:19	6°♎03'05	
morning max el	-3987 Nov 28 j 18:28	12°♎59'43	24°59'31
desc. node	-3987 Dec 12 j 15:24	0°♏06'32	
	-3987 Dec 12 j 13:32	0°♏	
	-3987 Dec 31 j 18:55	0°♐	
morning set	-3986 Jan 03 j 21:02	5°♐24'25	
max. Earth dist.	-3986 Jan 07 j 15:26	12°♐14'26	1.37076 AU
superior conj	-3986 Jan 13 j 23:35	24°♐19'56	-1°-43'-43
minimum elong	-3986 Jan 14 j 02:21	24°♐33'31	1°43'41
	-3986 Jan 16 j 20:14	0°♑	
evening rise	-3986 Jan 22 j 08:13	11°♑03'25	
asc. node	-3986 Jan 27 j 02:41	20°♑23'03	
	-3986 Feb 01 j 15:23	0°♒	
evening max el	-3986 Feb 08 j 11:40	8°♒41'59	19°27'44
retrograde	-3986 Feb 17 j 17:52	13°♒05'53	
evening set	-3986 Feb 20 j 01:41	12°♒50'29	
inferior conj	-3986 Feb 28 j 10:22	8°♒43'53	2°35'52
minimum elong	-3986 Feb 28 j 15:22	8°♒35'41	2°34'24
min. Earth dist.	-3986 Mar 03 j 04:03	6°♒57'14	0.56417 AU
morning rise	-3986 Mar 09 j 01:23	3°♒56'59	
desc. node	-3986 Mar 10 j 14:33	3°♒30'00	
direct	-3986 Mar 13 j 16:32	3°♒08'06	
morning max el	-3986 Mar 27 j 18:26	10°♒17'02	24°46'55
	-3986 Apr 11 j 13:45	0°♓	
morning set	-3986 Apr 22 j 13:33	20°♓57'28	
asc. node	-3986 Apr 25 j 02:15	26°♓20'17	
	-3986 Apr 26 j 18:56	0°♈	
superior conj	-3986 Apr 29 j 15:02	6°♈09'42	0°45'38
minimum elong	-3986 Apr 29 j 13:10	5°♈59'30	0°45'16
max. Earth dist.	-3986 Apr 30 j 23:39	9°♈06'04	1.33109 AU
evening rise	-3986 May 06 j 22:37	21°♈38'00	
	-3986 May 11 j 04:13	0°♉	
	-3986 May 29 j 13:09	0°♊	
desc. node	-3986 Jun 06 j 13:15	9°♊35'33	
evening max el	-3986 Jun 08 j 08:44	11°♊24'10	27°22'06
retrograde	-3986 Jun 22 j 04:50	18°♊47'59	
evening set	-3986 Jun 29 j 07:35	16°♊19'18	
min. Earth dist.	-3986 Jul 02 j 21:40	13°♊22'10	0.62572 AU
inferior conj	-3986 Jul 05 j 19:47	10°♊33'19	-4°-3'-16
minimum elong	-3986 Jul 05 j 22:43	10°♊26'11	4°02'43
morning rise	-3986 Jul 12 j 16:14	5°♊25'47	
direct	-3986 Jul 15 j 05:23	4°♊56'04	
morning max el	-3986 Jul 21 j 21:41	8°♊20'25	17°56'26
asc. node	-3986 Jul 22 j 01:46	8°♊30'32	
	-3986 Aug 05 j 02:22	0°♋	
morning set	-3986 Aug 07 j 06:26	3°♋52'11	
superior conj	-3986 Aug 18 j 16:08	23°♋48'58	1°25'15
minimum elong	-3986 Aug 18 j 21:24	24°♋11'18	1°24'54
	-3986 Aug 22 j 08:39	0°♌	
max. Earth dist.	-3986 Aug 25 j 13:18	5°♌14'36	1.43086 AU
evening rise	-3986 Sep 02 j 18:41	18°♌19'51	
desc. node	-3986 Sep 02 j 12:32	17°♌55'52	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3986 Sep 10 j 09:20	0°♍	
greatest brilliancy	-3986 Sep 27 j 22:51	24°♍59'13	-0.4m
	-3986 Oct 02 j 04:24	0°♎	
evening max el	-3986 Oct 03 j 04:06	1°♎02'26	21°19'23
retrograde	-3986 Oct 11 j 20:08	6°♎10'44	
evening set	-3986 Oct 15 j 21:39	4°♎38'16	
asc. node	-3986 Oct 18 j 00:45	2°♎36'41	
	-3986 Oct 20 j 03:11	30°℞♍	
inferior conj	-3986 Oct 21 j 07:25	28°♍23'58	1°06'22
minimum elong	-3986 Oct 21 j 05:55	28°♍29'05	1°05'47
min. Earth dist.	-3986 Oct 21 j 15:50	27°♍55'03	0.67213 AU
morning rise	-3986 Oct 26 j 13:50	22°♍06'30	
direct	-3986 Oct 31 j 15:17	19°♍58'07	
morning max el	-3986 Nov 11 j 03:30	26°♍14'42	23°34'11
	-3986 Nov 14 j 14:10	0°♎	
desc. node	-3986 Nov 29 j 12:24	19°♎58'02	
	-3986 Dec 06 j 04:03	0°♏	
morning set	-3986 Dec 16 j 05:48	16°♏17'51	
max. Earth dist.	-3986 Dec 20 j 10:58	23°♏33'00	1.39104 AU
	-3986 Dec 24 j 01:52	0°♐	
superior conj	-3986 Dec 27 j 22:43	7°♐07'15	-1°-53'-30
minimum elong	-3986 Dec 27 j 23:54	7°♐12'46	1°53'38
evening rise	-3985 Jan 06 j 03:33	24°♐47'05	
	-3985 Jan 08 j 20:32	0°♑	
asc. node	-3985 Jan 13 j 23:45	9°♑22'23	
evening max el	-3985 Jan 22 j 11:47	21°♑05'35	18°41'12
retrograde	-3985 Jan 30 j 09:53	24°♑55'51	
evening set	-3985 Feb 01 j 20:34	24°♑35'18	
inferior conj	-3985 Feb 09 j 12:30	20°♑10'09	3°36'10
minimum elong	-3985 Feb 09 j 16:10	20°♑03'11	3°35'26
min. Earth dist.	-3985 Feb 12 j 20:40	17°♑39'37	0.58104 AU
morning rise	-3985 Feb 17 j 08:06	14°♑55'46	
direct	-3985 Feb 23 j 04:13	13°♑31'26	
desc. node	-3985 Feb 25 j 11:41	13°♑44'35	
morning max el	-3985 Mar 09 j 10:22	20°♑59'47	26°13'53
	-3985 Mar 17 j 05:42	0°♒	
	-3985 Apr 04 j 03:18	0°♓	
morning set	-3985 Apr 07 j 01:05	5°♓58'04	
asc. node	-3985 Apr 11 j 23:15	16°♓31'48	
superior conj	-3985 Apr 14 j 02:20	21°♓11'03	0°22'05
minimum elong	-3985 Apr 14 j 01:23	21°♓05'47	0°21'50
max. Earth dist.	-3985 Apr 14 j 11:50	22°♓02'59	1.32674 AU
	-3985 Apr 18 j 03:45	0°♈	
evening rise	-3985 Apr 21 j 04:32	6°♈24'23	
	-3985 May 03 j 18:34	0°♉	
evening max el	-3985 May 21 j 13:01	23°♉36'52	26°50'44
desc. node	-3985 May 24 j 10:22	26°♉09'31	
	-3985 May 30 j 18:49	0°♊	
retrograde	-3985 Jun 04 j 13:26	0°♊57'05	
	-3985 Jun 09 j 04:42	30°℞♉	
evening set	-3985 Jun 11 j 06:45	28°♉57'50	
min. Earth dist.	-3985 Jun 15 j 02:32	26°♉15'42	0.60612 AU
inferior conj	-3985 Jun 18 j 09:59	23°♉28'10	-4°-18'-42
minimum elong	-3985 Jun 18 j 10:43	23°♉26'36	4°18'34
morning rise	-3985 Jun 25 j 17:50	18°♉42'06	
direct	-3985 Jun 28 j 05:39	18°♉17'44	
morning max el	-3985 Jul 05 j 10:02	21°♉48'37	18°08'00
asc. node	-3985 Jul 08 j 22:49	25°♉54'22	
	-3985 Jul 11 j 18:03	0°♊	
morning set	-3985 Jul 21 j 09:04	17°♊02'04	
	-3985 Jul 28 j 09:03	0°♋	
superior conj	-3985 Jul 31 j 07:57	5°♋19'50	1°43'28
minimum elong	-3985 Jul 31 j 10:43	5°♋32'13	1°43'29
max. Earth dist.	-3985 Aug 07 j 21:22	18°♋26'21	1.41420 AU
evening rise	-3985 Aug 13 j 11:30	27°♋38'52	
	-3985 Aug 14 j 22:40	0°♌	
desc. node	-3985 Aug 20 j 09:31	8°♌32'30	
	-3985 Sep 04 j 02:15	0°♍	
greatest brilliancy	-3985 Sep 11 j 02:21	9°♍06'38	-0.3m
evening max el	-3985 Sep 15 j 21:03	14°♍28'10	22°36'43
retrograde	-3985 Sep 25 j 14:47	20°♍14'50	
evening set	-3985 Sep 30 j 05:30	18°♍23'07	
asc. node	-3985 Oct 04 j 21:52	12°♍59'09	
inferior conj	-3985 Oct 05 j 13:55	12°♍03'51	0°13'45
minimum elong	-3985 Oct 05 j 13:36	12°♍04'58	0°13'40
transit middle	-3985 Oct 05 j 13:36	12°♍04'58	0°13'40
transit begin	-3985 Oct 05 j 12:07	12°♍10'06	
transit end	-3985 Oct 05 j 15:05	11°♍59'51	
min. Earth dist.	-3985 Oct 05 j 11:57	12°♍10'39	0.67426 AU
morning rise	-3985 Oct 10 j 21:36	5°♍48'19	
direct	-3985 Oct 15 j 08:16	4°♍01'45	
morning max el	-3985 Oct 24 j 15:52	9°♍33'50	22°08'41
greatest brilliancy	-3985 Oct 29 j 10:09	14°♍57'43	-0.4m
	-3985 Nov 09 j 12:21	0°♎	
desc. node	-3985 Nov 16 j 09:22	10°♎10'01	
morning set	-3985 Nov 26 j 09:58	25°♎47'38	
	-3985 Nov 29 j 00:11	0°♏	
max. Earth dist.	-3985 Dec 02 j 09:53	5°♏38'12	1.41151 AU
superior conj	-3985 Dec 10 j 03:11	18°♏57'03	-1°-53'00
minimum elong	-3985 Dec 10 j 01:19	18°♏48'50	1°53'06
	-3985 Dec 16 j 05:40	0°♐	
evening rise	-3985 Dec 20 j 12:17	7°♐56'03	
asc. node	-3985 Dec 31 j 20:48	27°♐46'28	
	-3984 Jan 02 j 10:31	0°♑	
evening max el	-3984 Jan 05 j 18:57	3°♑55'37	18°14'45
retrograde	-3984 Jan 12 j 20:20	7°♑28'04	
evening set	-3984 Jan 15 j 09:40	7°♑01'08	
inferior conj	-3984 Jan 22 j 10:55	2°♑13'55	4°01'10
minimum elong	-3984 Jan 22 j 11:48	2°♑12'00	4°00'58
	-3984 Jan 24 j 23:45	30°℞♐	
min. Earth dist.	-3984 Jan 25 j 17:59	29°♐21'16	0.60085 AU
morning rise	-3984 Jan 29 j 11:00	26°♐38'40	
direct	-3984 Feb 05 j 03:22	24°♐36'07	
desc. node	-3984 Feb 12 j 08:47	26°♐46'30	
	-3984 Feb 16 j 20:54	0°♑	
morning max el	-3984 Feb 19 j 07:46	2°♑14'19	27°15'08
	-3984 Mar 10 j 11:46	0°♒	
morning set	-3984 Mar 21 j 10:11	20°♒50'24	
	-3984 Mar 25 j 17:45	0°♓	
max. Earth dist.	-3984 Mar 28 j 01:24	5°♓02'53	1.32575 AU
superior conj	-3984 Mar 28 j 14:04	6°♓12'06	0°-2'-42
minimum elong	-3984 Mar 28 j 14:11	6°♓12'46	0°02'45
behind sun begin	-3984 Mar 28 j 09:14	5°♓45'40	
behind sun end	-3984 Mar 28 j 19:08	6°♓39'51	
asc. node	-3984 Mar 28 j 20:15	6°♓45'59	
evening rise	-3984 Apr 04 j 14:13	21°♓20'29	
	-3984 Apr 08 j 20:19	0°♈	
	-3984 Apr 27 j 16:55	0°♉	
evening max el	-3984 May 02 j 10:53	5°♉06'54	25°48'25
desc. node	-3984 May 10 j 07:27	10°♉50'08	
retrograde	-3984 May 16 j 12:50	12°♉21'18	
evening set	-3984 May 22 j 08:41	10°♉59'39	
min. Earth dist.	-3984 May 26 j 23:18	8°♉15'36	0.58583 AU
inferior conj	-3984 May 30 j 06:49	5°♉50'33	-4°-9'-24
minimum elong	-3984 May 30 j 04:08	5°♉55'29	4°09'05
morning rise	-3984 Jun 07 j 03:30	1°♉26'41	
direct	-3984 Jun 09 j 14:55	1°♉06'37	
morning max el	-3984 Jun 17 j 17:08	4°♉56'11	18°39'29
asc. node	-3984 Jun 24 j 19:51	14°♉09'06	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3984 Jul 03 j 13:45	0°♊		
morning set	-3984 Jul 04 j 00:06	0°♊50'07		
superior conj	-3984 Jul 12 j 21:47	17°♊57'53	1°49'11	
minimum elong	-3984 Jul 12 j 21:58	17°♊58'45	1°49'21	
	-3984 Jul 19 j 12:04	0°♋		
max. Earth dist.	-3984 Jul 20 j 00:26	0°♋54'35	1.39497 AU	
evening rise	-3984 Jul 24 j 05:00	8°♋08'48		
desc. node	-3984 Aug 06 j 06:29	28°♋59'00		
	-3984 Aug 06 j 22:46	0°♌		
evening max el	-3984 Aug 28 j 09:31	27°♌54'50	23°57'30	
	-3984 Aug 30 j 14:53	0°♍		
retrograde	-3984 Sep 08 j 06:11	4°♍18'50		
evening set	-3984 Sep 13 j 11:34	2°♍07'13		
	-3984 Sep 15 j 13:47	30°℞♌		
inferior conj	-3984 Sep 18 j 20:13	25°♌46'26	0°-39'-49	
minimum elong	-3984 Sep 18 j 21:09	25°♌43'16	0°39'20	
min. Earth dist.	-3984 Sep 18 j 07:55	26°♌28'12	0.67337 AU	
asc. node	-3984 Sep 20 j 18:59	23°♌11'40		
morning rise	-3984 Sep 24 j 06:56	19°♌35'49		
direct	-3984 Sep 28 j 04:19	18°♌09'53		
morning max el	-3984 Oct 06 j 10:29	23°♌00'38	20°50'10	
	-3984 Oct 12 j 08:16	0°♍		
greatest brilliancy	-3984 Oct 12 j 08:00	29°♌59'08	-0.5m	
	-3984 Nov 01 j 20:58	0°♎		
desc. node	-3984 Nov 02 j 06:18	0°♎36'02		
morning set	-3984 Nov 04 j 14:08	4°♎12'29		
max. Earth dist.	-3984 Nov 13 j 15:48	18°♎36'42	1.42926 AU	
superior conj	-3984 Nov 20 j 07:08	29°♎34'26	-1°-38'-26	
minimum elong	-3984 Nov 20 j 01:35	29°♎11'08	1°38'06	
	-3984 Nov 20 j 13:13	0°♏		
evening rise	-3984 Dec 02 j 06:29	20°♏21'16		
	-3984 Dec 07 j 17:27	0°♐		
asc. node	-3984 Dec 17 j 17:53	15°♐23'54		
evening max el	-3984 Dec 19 j 06:14	17°♐03'06	18°08'04	
retrograde	-3984 Dec 25 j 21:21	20°♐31'19		
evening set	-3984 Dec 28 j 13:27	19°♐57'05		
inferior conj	-3983 Jan 04 j 02:45	14°♐48'14	3°59'15	
minimum elong	-3983 Jan 04 j 01:17	14°♐51'57	3°58'58	
min. Earth dist.	-3983 Jan 06 j 23:25	11°♐56'33	0.62051 AU	
morning rise	-3983 Jan 10 j 10:58	8°♐58'03		
direct	-3983 Jan 17 j 11:55	6°♐25'22		
desc. node	-3983 Jan 29 j 05:52	12°♐04'52		
morning max el	-3983 Jan 31 j 11:29	14°♐09'10	27°41'49	
	-3983 Feb 13 j 07:50	0°♑		
	-3983 Mar 02 j 21:30	0°♒		
morning set	-3983 Mar 05 j 14:44	5°♒26'00		
max. Earth dist.	-3983 Mar 11 j 12:17	17°♒49'52	1.32821 AU	
superior conj	-3983 Mar 13 j 00:29	21°♒05'45	0°-27'-50	
minimum elong	-3983 Mar 13 j 01:44	21°♒12'32	0°27'41	
asc. node	-3983 Mar 15 j 17:14	26°♒57'39		
	-3983 Mar 17 j 02:53	0°♓		
evening rise	-3983 Mar 20 j 01:39	6°♓18'01		
	-3983 Apr 01 j 16:57	0°♈		
evening max el	-3983 Apr 14 j 03:29	16°♈01'20	24°23'37	
desc. node	-3983 Apr 27 j 04:35	23°♈00'06		
retrograde	-3983 Apr 28 j 01:14	23°♈01'48		
evening set	-3983 May 02 j 14:02	22°♈15'34		
min. Earth dist.	-3983 May 08 j 15:21	19°♈14'16	0.56774 AU	
inferior conj	-3983 May 11 j 07:39	17°♈31'59	-3°-25'-10	
minimum elong	-3983 May 11 j 02:02	17°♈40'58	3°23'56	
morning rise	-3983 May 19 j 18:08	13°♈26'46		
direct	-3983 May 22 j 05:23	13°♈10'10		
morning max el	-3983 May 31 j 16:13	17°♈33'29	19°31'27	
	-3983 Jun 09 j 23:08	0°♉		

asc. node	-3983 Jun 11 j 16:52	3°♉02'24		
morning set	-3983 Jun 18 j 00:00	15°♉07'05		
	-3983 Jun 25 j 10:18	0°♊		
superior conj	-3983 Jun 26 j 03:57	1°♊26'59	1°45'17	
minimum elong	-3983 Jun 26 j 02:21	1°♊19'02	1°45'22	
max. Earth dist.	-3983 Jul 02 j 02:23	12°♊48'23	1.37572 AU	
evening rise	-3983 Jul 06 j 00:07	19°♊54'42		
	-3983 Jul 11 j 20:33	0°♋		
desc. node	-3983 Jul 24 j 03:28	19°♋10'20		
	-3983 Aug 01 j 00:00	0°♌		
evening max el	-3983 Aug 10 j 20:09	11°♌24'40	25°14'40	
retrograde	-3983 Aug 22 j 17:36	18°♌18'54		
evening set	-3983 Aug 28 j 14:03	15°♌49'23		
min. Earth dist.	-3983 Sep 02 j 01:23	10°♌46'31	0.66935 AU	
inferior conj	-3983 Sep 03 j 00:37	9°♌30'29	-1°-32'-40	
minimum elong	-3983 Sep 03 j 02:46	9°♌23'26	1°31'42	
asc. node	-3983 Sep 07 j 16:05	4°♌12'53		
morning rise	-3983 Sep 08 j 15:59	3°♌27'51		
direct	-3983 Sep 12 j 02:13	2°♌19'50		
morning max el	-3983 Sep 19 j 12:23	6°♌36'28	19°43'29	
greatest brilliancy	-3983 Sep 27 j 18:20	17°♌03'12	-0.6m	
	-3983 Oct 06 j 10:50	0°♍		
morning set	-3983 Oct 14 j 13:23	12°♍30'18		
desc. node	-3983 Oct 20 j 03:12	21°♍11'43		
	-3983 Oct 25 j 17:30	0°♎		
max. Earth dist.	-3983 Oct 27 j 04:12	2°♎17'33	1.44191 AU	
superior conj	-3983 Oct 31 j 07:31	8°♎54'36	-1°-7'-8	
minimum elong	-3983 Oct 31 j 00:38	8°♎26'55	1°06'24	
	-3983 Nov 13 j 02:39	0°♏		
evening rise	-3983 Nov 14 j 05:35	1°♏53'36		
	-3983 Dec 02 j 10:31	0°♐		
evening max el	-3983 Dec 02 j 18:55	0°♐21'52	18°20'26	
asc. node	-3983 Dec 04 j 14:58	2°♐01'27		
retrograde	-3983 Dec 09 j 08:25	3°♐56'42		
evening set	-3983 Dec 12 j 04:22	3°♐13'48		
	-3983 Dec 16 j 06:31	30°℞♏		
inferior conj	-3983 Dec 18 j 08:14	27°♏45'22	3°38'35	
minimum elong	-3983 Dec 18 j 05:26	27°♏53'13	3°37'56	
min. Earth dist.	-3983 Dec 20 j 14:41	25°♏13'01	0.63792 AU	
morning rise	-3983 Dec 24 j 04:58	21°♏44'26		
direct	-3983 Dec 31 j 04:28	18°♏56'00		
morning max el	-3982 Jan 13 j 19:30	26°♏39'59	27°32'19	
desc. node	-3982 Jan 16 j 02:55	29°♏03'53		
	-3982 Jan 16 j 23:16	0°♐		
	-3982 Feb 06 j 21:19	0°♑		
morning set	-3982 Feb 17 j 12:12	19°♑36'14		
max. Earth dist.	-3982 Feb 22 j 16:29	0°♒10'41	1.33454 AU	
	-3982 Feb 22 j 14:26	0°♒		
superior conj	-3982 Feb 25 j 07:54	5°♒46'17	0°-52'-24	
minimum elong	-3982 Feb 25 j 10:10	5°♒58'23	0°52'08	
asc. node	-3982 Mar 02 j 14:14	17°♒02'59		
evening rise	-3982 Mar 04 j 13:04	21°♒10'48		
	-3982 Mar 08 j 21:05	0°♓		
evening max el	-3982 Mar 26 j 20:00	26°♓43'52	22°49'33	
	-3982 Mar 30 j 19:21	0°♈		
retrograde	-3982 Apr 09 j 01:03	3°♈12'50		
evening set	-3982 Apr 12 j 07:23	2°♈49'31		
desc. node	-3982 Apr 14 j 01:44	2°♈18'43		
	-3982 Apr 19 j 00:57	30°℞♓		
min. Earth dist.	-3982 Apr 20 j 05:50	29°♓19'13	0.55544 AU	
inferior conj	-3982 Apr 21 j 13:51	28°♓33'00	-2°00'-38	
minimum elong	-3982 Apr 21 j 08:49	28°♓40'16	1°59'05	
morning rise	-3982 Apr 30 j 12:51	24°♓35'57		
direct	-3982 May 03 j 02:16	24°♓20'29		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-3982 May 14 j 05:00	29°♓31'50	20°43'18
	-3982 May 14 j 16:51	0°♈	
asc. node	-3982 May 29 j 13:52	22°♈24'36	
morning set	-3982 Jun 02 j 06:00	29°♈45'11	
	-3982 Jun 02 j 08:54	0°♉	
superior conj	-3982 Jun 09 j 21:43	15°♉32'54	1°34'18
minimum elong	-3982 Jun 09 j 19:13	15°♉20'03	1°34'11
max. Earth dist.	-3982 Jun 14 j 09:51	24°♉34'29	1.35872 AU
	-3982 Jun 17 j 05:18	0°♊	
evening rise	-3982 Jun 18 j 16:17	2°♊44'38	
	-3982 Jul 04 j 19:47	0°♋	
desc. node	-3982 Jul 11 j 00:31	8°♋59'12	
evening max el	-3982 Jul 24 j 07:05	24°♋55'43	26°20'12
	-3982 Jul 30 j 13:23	0°♌	
retrograde	-3982 Aug 06 j 00:15	2°♌09'01	
	-3982 Aug 11 j 18:18	30°℞♋	
evening set	-3982 Aug 12 j 10:50	29°♋26'36	
min. Earth dist.	-3982 Aug 16 j 13:58	25°♋01'59	0.66194 AU
inferior conj	-3982 Aug 18 j 01:14	23°♋13'04	-2°-23'-3
minimum elong	-3982 Aug 18 j 04:24	23°♋03'17	2°21'48
morning rise	-3982 Aug 23 j 22:50	17°♋21'36	
asc. node	-3982 Aug 25 j 13:11	16°♋40'18	
direct	-3982 Aug 27 j 00:16	16°♋28'05	
morning max el	-3982 Sep 02 j 20:42	20°♋18'59	18°51'35
	-3982 Sep 10 j 08:47	0°♌	
morning set	-3982 Sep 24 j 06:03	21°♌42'42	
	-3982 Sep 29 j 11:24	0°♍	
desc. node	-3982 Oct 07 j 00:07	11°♍53'07	
superior conj	-3982 Oct 10 j 10:42	17°♍18'31	0°-21'-42
minimum elong	-3982 Oct 10 j 07:52	17°♍07'20	0°21'18
max. Earth dist.	-3982 Oct 09 j 20:53	16°♍24'01	1.44797 AU
	-3982 Oct 18 j 11:14	0°♎	
evening rise	-3982 Oct 26 j 05:07	12°♎23'50	
	-3982 Nov 06 j 04:48	0°♏	
evening max el	-3982 Nov 16 j 06:22	13°♏46'14	18°50'45
asc. node	-3982 Nov 21 j 12:05	17°♏23'24	
retrograde	-3982 Nov 23 j 01:41	17°♏37'03	
evening set	-3982 Nov 26 j 03:12	16°♏43'28	
inferior conj	-3982 Dec 01 j 23:43	10°♏58'01	3°05'13
minimum elong	-3982 Dec 01 j 20:33	11°♏07'42	3°04'16
min. Earth dist.	-3982 Dec 03 j 15:34	8°♏56'19	0.65201 AU
morning rise	-3982 Dec 07 j 12:50	4°♏49'17	
direct	-3982 Dec 14 j 03:33	2°♏00'04	
morning max el	-3982 Dec 27 j 05:01	9°♏34'55	26°50'51
desc. node	-3981 Jan 02 j 23:56	17°♏13'51	
	-3981 Jan 12 j 08:41	0°♐	
	-3981 Jan 30 j 07:04	0°♑	
morning set	-3981 Jan 31 j 23:14	3°♑10'11	
max. Earth dist.	-3981 Feb 05 j 10:29	11°♑56'34	1.34515 AU
superior conj	-3981 Feb 09 j 10:14	20°♑06'47	-1°-15'-14
minimum elong	-3981 Feb 09 j 13:13	20°♑22'18	1°14'57
	-3981 Feb 14 j 03:17	0°♒	
evening rise	-3981 Feb 16 j 22:44	5°♒52'48	
asc. node	-3981 Feb 17 j 11:15	6°♒57'33	
	-3981 Mar 02 j 07:35	0°♓	
evening max el	-3981 Mar 08 j 18:39	7°♓41'41	21°19'44
retrograde	-3981 Mar 20 j 15:18	13°♓22'41	
evening set	-3981 Mar 23 j 03:35	13°♓08'17	
desc. node	-3981 Mar 31 j 22:53	9°♓24'13	
inferior conj	-3981 Apr 01 j 09:43	9°♓08'58	0°-7'-30
minimum elong	-3981 Apr 01 j 09:22	9°♓09'28	0°07'28
transit middle	-3981 Apr 01 j 09:22	9°♓09'28	0°07'28
transit begin	-3981 Apr 01 j 05:45	9°♓14'34	
transit end	-3981 Apr 01 j 12:59	9°♓04'22	
min. Earth dist.	-3981 Apr 01 j 20:00	8°♓54'28	0.55165 AU
morning rise	-3981 Apr 10 j 14:49	5°♓03'56	
direct	-3981 Apr 13 j 14:46	4°♓44'14	
morning max el	-3981 Apr 26 j 06:56	10°♓48'43	22°12'08
	-3981 May 10 j 04:00	0°♈	
asc. node	-3981 May 16 j 10:52	12°♈08'28	
morning set	-3981 May 17 j 15:57	14°♈38'24	
superior conj	-3981 May 24 j 23:35	0°♉05'18	1°18'11
minimum elong	-3981 May 24 j 20:55	29°♈51'14	1°17'52
	-3981 May 24 j 22:35	0°♉	
max. Earth dist.	-3981 May 28 j 03:10	6°♉38'31	1.34514 AU
evening rise	-3981 Jun 02 j 00:11	16°♉23'47	
	-3981 Jun 09 j 08:42	0°♊	
desc. node	-3981 Jun 27 j 21:36	28°♊15'58	
	-3981 Jun 29 j 06:33	0°♋	
evening max el	-3981 Jul 06 j 18:40	8°♋20'55	27°05'58
retrograde	-3981 Jul 20 j 01:36	15°♋42'39	
evening set	-3981 Jul 26 j 23:26	12°♋55'49	
min. Earth dist.	-3981 Jul 30 j 19:20	9°♋09'31	0.65088 AU
inferior conj	-3981 Aug 01 j 19:58	6°♋50'54	-3°-8'-42
minimum elong	-3981 Aug 01 j 23:43	6°♋40'12	3°07'29
morning rise	-3981 Aug 08 j 01:18	1°♋14'01	
direct	-3981 Aug 10 j 20:20	0°♋31'45	
asc. node	-3981 Aug 12 j 10:15	0°♋45'12	
morning max el	-3981 Aug 17 j 09:32	4°♋05'14	18°16'12
	-3981 Sep 03 j 17:22	0°♌	
morning set	-3981 Sep 05 j 02:01	2°♌15'14	
superior conj	-3981 Sep 19 j 12:28	25°♌43'16	0°27'28
minimum elong	-3981 Sep 19 j 15:49	25°♌56'36	0°27'09
	-3981 Sep 22 j 05:10	0°♍	
max. Earth dist.	-3981 Sep 22 j 15:09	0°♍39'28	1.44677 AU
desc. node	-3981 Sep 23 j 21:04	2°♍37'33	
evening rise	-3981 Oct 06 j 04:08	21°♍52'12	
	-3981 Oct 11 j 09:37	0°♎	
greatest brilliancy	-3981 Oct 22 j 04:06	16°♎21'34	-0.7m
evening max el	-3981 Oct 30 j 14:15	27°♎12'55	19°37'30
	-3981 Nov 02 j 19:22	0°♏	
retrograde	-3981 Nov 06 j 22:08	1°♏28'11	
asc. node	-3981 Nov 08 j 09:12	1°♏15'49	
evening set	-3981 Nov 10 j 07:17	0°♏21'25	
	-3981 Nov 10 j 19:27	30°℞♎	
inferior conj	-3981 Nov 15 j 22:18	24°♎21'57	2°23'15
minimum elong	-3981 Nov 15 j 19:27	24°♎31'14	2°22'14
min. Earth dist.	-3981 Nov 17 j 00:44	22°♎55'54	0.66250 AU
morning rise	-3981 Nov 21 j 06:54	18°♎07'50	
direct	-3981 Nov 27 j 08:19	15°♎29'35	
morning max el	-3981 Dec 09 j 14:12	22°♎43'10	25°44'54
	-3981 Dec 16 j 01:19	0°♏	
desc. node	-3981 Dec 20 j 20:55	6°♏14'00	
	-3980 Jan 05 j 15:59	0°♐	
morning set	-3980 Jan 14 j 19:20	15°♐53'58	
max. Earth dist.	-3980 Jan 18 j 16:59	23°♐11'57	1.36028 AU
	-3980 Jan 22 j 04:56	0°♑	
superior conj	-3980 Jan 24 j 04:50	3°♑58'45	-1°-34'-46
minimum elong	-3980 Jan 24 j 07:57	4°♑14'23	1°34'38
evening rise	-3980 Feb 01 j 04:41	20°♑17'17	
asc. node	-3980 Feb 04 j 08:19	26°♑35'43	
	-3980 Feb 06 j 02:40	0°♒	
evening max el	-3980 Feb 19 j 03:03	19°♒10'26	20°03'25
retrograde	-3980 Feb 29 j 07:21	24°♒00'20	
evening set	-3980 Mar 02 j 14:48	23°♒46'30	
inferior conj	-3980 Mar 11 j 08:51	19°♒46'24	1°44'00
minimum elong	-3980 Mar 11 j 12:59	19°♒40'07	1°42'35
min. Earth dist.	-3980 Mar 13 j 10:03	18°♒32'01	0.55719 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-3980 Mar 17 j 20:02	16°♒11'56	
morning rise	-3980 Mar 20 j 08:24	15°♒17'25	
direct	-3980 Mar 24 j 06:44	14°♒43'28	
morning max el	-3980 Apr 07 j 00:32	21°♒32'47	23°50'44
	-3980 Apr 14 j 07:41	0°♓	
morning set	-3980 May 01 j 03:51	29°♓39'21	
	-3980 May 01 j 07:48	0°♈	
asc. node	-3980 May 02 j 07:53	2°♈07'01	
superior conj	-3980 May 08 j 06:44	14°♈54'27	0°58'19
minimum elong	-3980 May 08 j 04:27	14°♈42'10	0°57'56
max. Earth dist.	-3980 May 10 j 06:05	19°♈07'40	1.33521 AU
	-3980 May 15 j 11:49	0°♉	
evening rise	-3980 May 15 j 19:12	0°♉37'09	
	-3980 Jun 01 j 08:47	0°♊	
desc. node	-3980 Jun 13 j 18:44	16°♊45'59	
evening max el	-3980 Jun 18 j 05:11	21°♊26'52	27°25'02
retrograde	-3980 Jul 01 j 21:05	28°♊50'32	
evening set	-3980 Jul 09 j 00:37	26°♊11'00	
min. Earth dist.	-3980 Jul 12 j 15:27	22°♊58'53	0.63599 AU
inferior conj	-3980 Jul 15 j 06:08	20°♊17'35	-3°-46'-37
minimum elong	-3980 Jul 15 j 09:42	20°♊08'23	3°45'47
morning rise	-3980 Jul 21 j 20:41	14°♊58'37	
direct	-3980 Jul 24 j 11:29	14°♊24'53	
asc. node	-3980 Jul 29 j 07:20	16°♊19'00	
morning max el	-3980 Jul 31 j 00:23	17°♊49'38	17°58'23
	-3980 Aug 08 j 19:10	0°♋	
morning set	-3980 Aug 16 j 23:24	14°♋00'08	
	-3980 Aug 26 j 07:45	0°♌	
superior conj	-3980 Aug 29 j 09:41	5°♌07'19	1°08'13
minimum elong	-3980 Aug 29 j 15:29	5°♌31'16	1°07'42
max. Earth dist.	-3980 Sep 04 j 07:30	14°♌43'55	1.43843 AU
desc. node	-3980 Sep 09 j 18:03	23°♌21'40	
evening rise	-3980 Sep 14 j 10:15	0°♍38'32	
	-3980 Sep 14 j 00:17	0°♍	
	-3980 Oct 04 j 03:19	0°♎	
greatest brilliancy	-3980 Oct 06 j 15:38	3°♎24'54	-0.5m
evening max el	-3980 Oct 12 j 16:40	10°♎39'26	20°38'44
retrograde	-3980 Oct 20 j 19:25	15°♎26'50	
evening set	-3980 Oct 24 j 14:22	14°♎04'19	
asc. node	-3980 Oct 25 j 06:18	13°♎32'46	
inferior conj	-3980 Oct 30 j 01:33	7°♎54'13	1°35'35
minimum elong	-3980 Oct 29 j 23:29	8°♎01'15	1°34'46
min. Earth dist.	-3980 Oct 30 j 16:07	7°♎04'49	0.66950 AU
morning rise	-3980 Nov 04 j 08:10	1°♎37'12	
	-3980 Nov 06 j 17:16	30°℞♍	
direct	-3980 Nov 09 j 18:20	29°♍17'05	
	-3980 Nov 13 j 01:02	0°♎	
morning max el	-3980 Nov 20 j 23:00	5°♎57'23	24°23'53
desc. node	-3980 Dec 06 j 17:55	25°♎49'53	
	-3980 Dec 09 j 14:47	0°♏	
morning set	-3980 Dec 26 j 18:48	27°♏32'24	
	-3980 Dec 28 j 04:30	0°♐	
max. Earth dist.	-3980 Dec 30 j 14:54	4°♐20'43	1.37917 AU
superior conj	-3979 Jan 06 j 12:19	17°♐12'53	-1°-48'-54
minimum elong	-3979 Jan 06 j 14:35	17°♐23'48	1°48'58
	-3979 Jan 13 j 00:39	0°♑	
evening rise	-3979 Jan 15 j 04:42	4°♑18'05	
asc. node	-3979 Jan 21 j 05:22	15°♑51'26	
	-3979 Jan 30 j 16:29	0°♒	
evening max el	-3979 Jan 31 j 21:49	1°♒14'48	19°05'27
retrograde	-3979 Feb 09 j 13:13	5°♒22'57	
evening set	-3979 Feb 11 j 22:06	5°♒05'37	
inferior conj	-3979 Feb 19 j 23:28	0°♒51'32	3°06'08
minimum elong	-3979 Feb 20 j 04:16	0°♒43'12	3°04'56
	-3979 Feb 21 j 05:00	30°℞♑	
min. Earth dist.	-3979 Feb 23 j 01:15	28°♑44'13	0.57069 AU
morning rise	-3979 Feb 28 j 06:39	25°♑52'12	
desc. node	-3979 Mar 04 j 17:08	24°♑50'58	
direct	-3979 Mar 05 j 10:25	24°♑49'44	
	-3979 Mar 17 j 06:14	0°♒	
morning max el	-3979 Mar 19 j 15:32	2°♒08'26	25°26'21
	-3979 Apr 08 j 05:48	0°♓	
morning set	-3979 Apr 15 j 16:02	14°♓41'56	
asc. node	-3979 Apr 19 j 04:54	22°♓15'10	
superior conj	-3979 Apr 22 j 17:03	29°♓53'10	0°35'51
minimum elong	-3979 Apr 22 j 15:32	29°♓44'54	0°35'31
	-3979 Apr 22 j 18:19	0°♈	
max. Earth dist.	-3979 Apr 23 j 15:48	1°♈56'54	1.32882 AU
evening rise	-3979 Apr 29 j 21:55	15°♈13'51	
	-3979 May 07 j 12:24	0°♉	
	-3979 May 27 j 15:54	0°♊	
evening max el	-3979 May 31 j 12:10	4°♊01'00	27°12'38
desc. node	-3979 May 31 j 15:50	4°♊09'43	
retrograde	-3979 Jun 14 j 10:09	11°♊23'44	
evening set	-3979 Jun 21 j 10:32	9°♊05'40	
min. Earth dist.	-3979 Jun 25 j 01:36	6°♊17'12	0.61769 AU
inferior conj	-3979 Jun 28 j 04:37	3°♊26'15	-4°-12'-12
minimum elong	-3979 Jun 28 j 06:49	3°♊21'14	4°11'52
	-3979 Jul 02 j 08:12	30°℞♉	
morning rise	-3979 Jul 05 j 05:48	28°♉27'58	
direct	-3979 Jul 07 j 18:15	28°♉00'43	
	-3979 Jul 12 j 22:44	0°♊	
morning max el	-3979 Jul 14 j 14:31	1°♊26'10	17°58'58
asc. node	-3979 Jul 16 j 04:24	3°♊07'11	
morning set	-3979 Jul 30 j 16:50	26°♊42'34	
	-3979 Aug 01 j 12:15	0°♋	
superior conj	-3979 Aug 10 j 10:27	15°♋53'26	1°34'41
minimum elong	-3979 Aug 10 j 14:47	16°♋12'12	1°34'30
max. Earth dist.	-3979 Aug 17 j 18:35	28°♋17'16	1.42423 AU
	-3979 Aug 18 j 19:36	0°♌	
evening rise	-3979 Aug 24 j 17:29	9°♌29'47	
desc. node	-3979 Aug 27 j 15:01	14°♌01'53	
	-3979 Sep 07 j 04:54	0°♍	
greatest brilliancy	-3979 Sep 20 j 16:21	18°♍32'51	-0.4m
evening max el	-3979 Sep 25 j 12:47	24°♍04'29	21°51'27
retrograde	-3979 Oct 04 j 15:33	29°♍29'32	
evening set	-3979 Oct 08 j 22:26	27°♍48'59	
asc. node	-3979 Oct 12 j 03:24	24°♍26'26	
inferior conj	-3979 Oct 14 j 07:24	21°♍31'51	0°44'15
minimum elong	-3979 Oct 14 j 06:24	21°♍35'21	0°43'51
min. Earth dist.	-3979 Oct 14 j 11:18	21°♍18'24	0.67334 AU
morning rise	-3979 Oct 19 j 14:08	15°♍14'44	
direct	-3979 Oct 24 j 09:01	13°♍15'50	
morning max el	-3979 Nov 03 j 09:10	19°♍14'07	22°57'23
greatest brilliancy	-3979 Nov 08 j 06:11	24°♍42'59	-0.3m
	-3979 Nov 12 j 09:48	0°♎	
desc. node	-3979 Nov 23 j 14:52	15°♎50'34	
	-3979 Dec 02 j 19:36	0°♏	
morning set	-3979 Dec 07 j 15:36	7°♏50'12	
max. Earth dist.	-3979 Dec 12 j 10:55	15°♏55'38	1.39985 AU
superior conj	-3979 Dec 20 j 04:07	29°♏36'41	-1°-54'-47
minimum elong	-3979 Dec 20 j 04:11	29°♏36'58	1°54'56
	-3979 Dec 20 j 09:12	0°♐	
evening rise	-3979 Dec 29 j 19:55	17°♐47'33	
	-3978 Jan 05 j 09:22	0°♑	
asc. node	-3978 Jan 08 j 02:24	4°♑36'39	
evening max el	-3978 Jan 15 j 01:11	13°♑49'56	18°27'30
retrograde	-3978 Jan 22 j 13:21	17°♑31'02	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-3978 Jan 25 j 01:00	17°♑08'02	
inferior conj	-3978 Feb 01 j 10:23	12°♑33'49	3°50'38
minimum elong	-3978 Feb 01 j 12:54	12°♑28'44	3°50'13
min. Earth dist.	-3978 Feb 04 j 19:44	9°♑50'38	0.58925 AU
morning rise	-3978 Feb 08 j 21:20	7°♑09'19	
direct	-3978 Feb 15 j 03:18	5°♑28'12	
desc. node	-3978 Feb 19 j 14:14	6°♑17'45	
morning max el	-3978 Mar 01 j 09:34	13°♑02'29	26°43'48
	-3978 Mar 14 j 19:24	0°♒	
morning set	-3978 Mar 31 j 02:45	29°♒39'24	
	-3978 Mar 31 j 06:42	0°♓	
asc. node	-3978 Apr 06 j 01:54	12°♓28'02	
superior conj	-3978 Apr 07 j 04:44	14°♓54'49	0°11'40
minimum elong	-3978 Apr 07 j 04:13	14°♓51'59	0°11'31
behind sun begin	-3978 Apr 07 j 00:47	14°♓33'11	
behind sun end	-3978 Apr 07 j 07:39	15°♓10'48	
max. Earth dist.	-3978 Apr 07 j 04:48	14°♓55'14	1.32581 AU
evening rise	-3978 Apr 14 j 05:39	0°♈04'39	
	-3978 Apr 14 j 04:45	0°♈	
	-3978 Apr 30 j 18:39	0°♉	
evening max el	-3978 May 13 j 13:38	15°♉55'03	26°27'43
desc. node	-3978 May 18 j 12:55	19°♉59'48	
retrograde	-3978 May 27 j 15:34	23°♉14'16	
evening set	-3978 Jun 03 j 01:03	21°♉30'25	
min. Earth dist.	-3978 Jun 07 j 02:49	18°♉49'29	0.59736 AU
inferior conj	-3978 Jun 10 j 11:52	16°♉08'30	-4°-18'-25
minimum elong	-3978 Jun 10 j 11:16	16°♉09'44	4°18'19
morning rise	-3978 Jun 18 j 01:03	11°♉32'11	
direct	-3978 Jun 20 j 12:28	11°♉09'55	
morning max el	-3978 Jun 28 j 01:05	14°♉47'20	18°18'54
asc. node	-3978 Jul 03 j 01:27	20°♉54'33	
	-3978 Jul 08 j 13:59	0°♊	
morning set	-3978 Jul 14 j 01:17	10°♊10'12	
superior conj	-3978 Jul 23 j 12:26	27°♊55'27	1°47'14
minimum elong	-3978 Jul 23 j 14:02	28°♊02'48	1°47'21
	-3978 Jul 24 j 15:51	0°♋	
max. Earth dist.	-3978 Jul 30 j 23:47	11°♋08'57	1.40616 AU
evening rise	-3978 Aug 04 j 20:09	19°♋17'18	
	-3978 Aug 11 j 12:41	0°♌	
desc. node	-3978 Aug 14 j 11:59	4°♌34'57	
	-3978 Sep 01 j 13:40	0°♍	
greatest brilliancy	-3978 Sep 02 j 12:56	1°♍11'55	-0.2m
evening max el	-3978 Sep 08 j 03:32	7°♍30'28	23°11'02
retrograde	-3978 Sep 18 j 09:03	13°♍34'01	
evening set	-3978 Sep 23 j 05:44	11°♍33'59	
inferior conj	-3978 Sep 28 j 14:03	5°♍13'32	0°-8'-56
minimum elong	-3978 Sep 28 j 14:16	5°♍12'49	0°08'47
transit middle	-3978 Sep 28 j 14:16	5°♍12'49	0°08'47
transit begin	-3978 Sep 28 j 11:59	5°♍20'40	
transit end	-3978 Sep 28 j 16:33	5°♍04'59	
min. Earth dist.	-3978 Sep 28 j 07:47	5°♍35'08	0.67424 AU
asc. node	-3978 Sep 29 j 00:30	4°♍37'39	
	-3978 Oct 02 j 19:25	30°℞♌	
morning rise	-3978 Oct 03 j 22:48	28°♌59'25	
direct	-3978 Oct 08 j 03:34	27°♌21'48	
	-3978 Oct 14 j 03:35	0°♍	
morning max el	-3978 Oct 16 j 23:52	2°♍36'02	21°33'57
greatest brilliancy	-3978 Oct 22 j 02:45	8°♍29'38	-0.4m
	-3978 Nov 06 j 10:10	0°♎	
desc. node	-3978 Nov 10 j 11:48	6°♎08'57	
morning set	-3978 Nov 17 j 08:03	16°♎47'11	
max. Earth dist.	-3978 Nov 24 j 11:58	28°♎21'16	1.41957 AU
	-3978 Nov 25 j 11:50	0°♏	
superior conj	-3978 Dec 01 j 22:46	10°♏56'52	-1°-48'-46
minimum elong	-3978 Dec 01 j 19:18	10°♏41'54	1°48'42
evening rise	-3978 Dec 12 j 22:56	0°♐38'15	
	-3978 Dec 12 j 14:33	0°♐	
asc. node	-3978 Dec 25 j 23:27	22°♐42'02	
evening max el	-3978 Dec 29 j 10:29	26°♐48'11	18°09'34
	-3977 Jan 03 j 07:57	0°♑	
retrograde	-3977 Jan 05 j 06:15	0°♑17'01	
	-3977 Jan 07 j 05:10	30°℞♐	
evening set	-3977 Jan 07 j 20:44	29°♐47'06	
inferior conj	-3977 Jan 14 j 16:37	24°♐50'50	4°03'05
minimum elong	-3977 Jan 14 j 16:22	24°♐51'24	4°02'54
min. Earth dist.	-3977 Jan 17 j 20:13	21°♐55'40	0.60943 AU
morning rise	-3977 Jan 21 j 09:24	19°♐08'43	
direct	-3977 Jan 28 j 07:02	16°♐51'25	
desc. node	-3977 Feb 06 j 11:19	20°♐21'26	
morning max el	-3977 Feb 11 j 09:31	24°♐32'46	27°30'52
	-3977 Feb 16 j 09:39	0°♑	
	-3977 Mar 08 j 00:59	0°♒	
morning set	-3977 Mar 15 j 10:08	14°♒24'50	
max. Earth dist.	-3977 Mar 21 j 17:29	27°♒49'52	1.32629 AU
superior conj	-3977 Mar 22 j 16:05	29°♒53'04	0°-13'-22
minimum elong	-3977 Mar 22 j 16:41	29°♒56'21	0°13'20
behind sun begin	-3977 Mar 22 j 13:58	29°♒41'29	
behind sun end	-3977 Mar 22 j 19:25	0°♓11'14	
	-3977 Mar 22 j 17:22	0°♓	
asc. node	-3977 Mar 23 j 22:53	2°♓41'14	
evening rise	-3977 Mar 29 j 16:16	15°♓01'44	
	-3977 Apr 06 j 05:38	0°♈	
evening max el	-3977 Apr 25 j 09:05	27°♈08'24	25°14'34
	-3977 Apr 28 j 16:36	0°♉	
desc. node	-3977 May 05 j 10:03	3°♉40'23	
retrograde	-3977 May 09 j 10:37	4°♉18'15	
evening set	-3977 May 14 j 17:43	3°♉13'00	
min. Earth dist.	-3977 May 19 j 21:27	0°♉23'00	0.57757 AU
	-3977 May 20 j 11:11	30°℞♈	
inferior conj	-3977 May 23 j 00:23	28°♈14'12	-3°-55'-33
minimum elong	-3977 May 22 j 20:14	28°♈21'23	3°54'53
morning rise	-3977 May 31 j 02:50	23°♈58'40	
direct	-3977 Jun 02 j 14:01	23°♈40'15	
morning max el	-3977 Jun 11 j 05:03	27°♈42'48	18°59'04
	-3977 Jun 13 j 09:24	0°♉	
asc. node	-3977 Jun 19 j 22:29	9°♉26'54	
morning set	-3977 Jun 27 j 20:31	24°♉11'39	
	-3977 Jun 30 j 19:11	0°♊	
superior conj	-3977 Jul 06 j 09:52	10°♊56'49	1°48'32
minimum elong	-3977 Jul 06 j 09:11	10°♊53'30	1°48'42
max. Earth dist.	-3977 Jul 13 j 01:45	23°♊20'27	1.38666 AU
	-3977 Jul 16 j 20:11	0°♋	
evening rise	-3977 Jul 17 j 01:00	0°♋20'49	
desc. node	-3977 Aug 01 j 08:59	24°♋55'49	
	-3977 Aug 04 j 20:31	0°♌	
evening max el	-3977 Aug 21 j 15:06	20°♌59'13	24°31'14
retrograde	-3977 Sep 01 j 22:45	27°♌36'43	
evening set	-3977 Sep 07 j 10:30	25°♌17'23	
min. Earth dist.	-3977 Sep 12 j 03:03	19°♌53'15	0.67212 AU
inferior conj	-3977 Sep 12 j 19:47	18°♌57'07	-1°-2'-23
minimum elong	-3977 Sep 12 j 21:15	18°♌52'14	1°01'42
asc. node	-3977 Sep 15 j 21:37	15°♌04'37	
morning rise	-3977 Sep 18 j 08:16	12°♌49'21	
direct	-3977 Sep 22 j 00:44	11°♌31'12	
morning max el	-3977 Sep 29 j 21:28	16°♌06'11	20°20'01
greatest brilliancy	-3977 Oct 06 j 14:47	24°♌15'53	-0.6m
	-3977 Oct 10 j 17:04	0°♍	
morning set	-3977 Oct 27 j 07:07	25°♍00'03	
desc. node	-3977 Oct 28 j 08:44	26°♍39'29	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3977 Oct 30 j 12:11	0°♎	
max. Earth dist.	-3977 Nov 06 j 20:54	11°♎39'45	1.43545 AU
superior conj	-3977 Nov 12 j 15:04	21°♎01'24	-1°-27'-12
minimum elong	-3977 Nov 12 j 08:25	20°♎34'01	1°26'40
	-3977 Nov 18 j 00:08	0°♏	
evening rise	-3977 Nov 25 j 09:33	12°♏41'53	
	-3977 Dec 05 j 13:09	0°♐	
asc. node	-3977 Dec 12 j 20:30	9°♐55'54	
evening max el	-3977 Dec 12 j 22:47	10°♐01'40	18°11'06
retrograde	-3977 Dec 19 j 12:02	13°♐31'05	
evening set	-3977 Dec 22 j 05:44	12°♐53'13	
inferior conj	-3977 Dec 28 j 14:43	7°♐35'41	3°52'20
minimum elong	-3977 Dec 28 j 12:33	7°♐41'25	3°51'54
min. Earth dist.	-3977 Dec 31 j 05:31	4°♐50'38	0.62832 AU
morning rise	-3976 Jan 03 j 17:34	1°♐40'51	
	-3976 Jan 06 j 10:58	30°℞♏	
direct	-3976 Jan 10 j 19:09	28°♏59'39	
	-3976 Jan 15 j 09:39	0°♐	
desc. node	-3976 Jan 24 j 08:23	6°♐26'48	
morning max el	-3976 Jan 24 j 15:12	6°♐43'29	27°42'05
	-3976 Feb 11 j 10:36	0°♑	
morning set	-3976 Feb 27 j 12:01	28°♑50'54	
	-3976 Feb 28 j 01:41	0°♒	
max. Earth dist.	-3976 Mar 04 j 02:06	10°♒27'55	1.33042 AU
superior conj	-3976 Mar 06 j 01:30	14°♒42'17	0°-38'-23
minimum elong	-3976 Mar 06 j 03:12	14°♒51'29	0°38'10
asc. node	-3976 Mar 09 j 19:52	22°♒51'00	
evening rise	-3976 Mar 13 j 03:57	29°♒58'38	
	-3976 Mar 13 j 04:13	0°♓	
	-3976 Mar 30 j 04:37	0°♈	
evening max el	-3976 Apr 06 j 01:04	7°♈55'04	23°43'57
retrograde	-3976 Apr 19 j 17:10	14°♈43'46	
desc. node	-3976 Apr 21 j 07:11	14°♈38'08	
evening set	-3976 Apr 23 j 16:23	14°♈09'06	
min. Earth dist.	-3976 Apr 30 j 12:25	10°♈57'10	0.56164 AU
inferior conj	-3976 May 02 j 16:50	9°♈37'52	-2°-54'-7
minimum elong	-3976 May 02 j 10:53	9°♈46'55	2°52'33
morning rise	-3976 May 11 j 08:59	5°♈37'44	
direct	-3976 May 13 j 20:55	5°♈21'51	
morning max el	-3976 May 23 j 23:52	10°♈03'55	19°59'40
asc. node	-3976 Jun 05 j 19:31	28°♈33'37	
	-3976 Jun 06 j 13:54	0°♉	
morning set	-3976 Jun 10 j 23:21	8°♉38'42	
superior conj	-3976 Jun 18 j 21:30	24°♉42'56	1°41'23
minimum elong	-3976 Jun 18 j 19:24	24°♉32'26	1°41'22
	-3976 Jun 21 j 13:38	0°♊	
max. Earth dist.	-3976 Jun 24 j 05:44	5°♊09'05	1.36817 AU
evening rise	-3976 Jun 28 j 05:45	12°♊35'36	
	-3976 Jul 08 j 09:29	0°♋	
desc. node	-3976 Jul 18 j 06:01	14°♋58'32	
	-3976 Jul 29 j 20:18	0°♌	
evening max el	-3976 Aug 03 j 01:50	4°♌30'28	25°44'22
retrograde	-3976 Aug 15 j 08:02	11°♌33'22	
evening set	-3976 Aug 21 j 10:51	8°♌57'33	
min. Earth dist.	-3976 Aug 25 j 18:39	4°♌10'57	0.66672 AU
inferior conj	-3976 Aug 26 j 22:50	2°♌40'47	-1°-54'-27
minimum elong	-3976 Aug 27 j 01:27	2°♌32'25	1°53'19
	-3976 Aug 29 j 02:53	30°℞♋	
morning rise	-3976 Sep 01 j 16:41	26°♋42'38	
asc. node	-3976 Sep 01 j 18:44	26°♋39'26	
direct	-3976 Sep 04 j 22:58	25°♋41'06	
morning max el	-3976 Sep 12 j 02:19	29°♋45'13	19°19'29
	-3976 Sep 12 j 08:03	0°♌	
greatest brilliancy	-3976 Sep 22 j 11:11	13°♌28'39	-0.7m
	-3976 Oct 03 j 04:26	0°♍	
morning set	-3976 Oct 05 j 11:43	3°♍35'57	
desc. node	-3976 Oct 14 j 05:40	17°♍18'02	
max. Earth dist.	-3976 Oct 19 j 12:08	25°♍36'09	1.44543 AU
superior conj	-3976 Oct 22 j 04:49	29°♍52'38	0°-49'-8
minimum elong	-3976 Oct 21 j 23:00	29°♍29'28	0°48'25
	-3976 Oct 22 j 06:40	0°♎	
evening rise	-3976 Nov 05 j 23:08	23°♎49'03	
	-3976 Nov 09 j 16:46	0°♏	
evening max el	-3976 Nov 25 j 11:14	23°♏23'13	18°31'10
asc. node	-3976 Nov 28 j 17:36	26°♏03'19	
retrograde	-3976 Dec 02 j 02:17	27°♏03'50	
evening set	-3976 Dec 05 j 00:25	26°♏16'32	
inferior conj	-3976 Dec 11 j 00:52	20°♏40'11	3°25'41
minimum elong	-3976 Dec 10 j 21:49	20°♏49'06	3°24'54
min. Earth dist.	-3976 Dec 13 j 00:54	18°♏20'14	0.64434 AU
morning rise	-3976 Dec 16 j 17:57	14°♏35'37	
direct	-3976 Dec 23 j 14:17	11°♏45'34	
morning max el	-3975 Jan 06 j 00:20	19°♏26'30	27°18'19
desc. node	-3975 Jan 10 j 05:25	23°♏58'58	
	-3975 Jan 15 j 02:08	0°♐	
	-3975 Feb 03 j 09:29	0°♑	
morning set	-3975 Feb 10 j 05:30	12°♑46'59	
max. Earth dist.	-3975 Feb 15 j 02:38	22°♑35'47	1.33854 AU
superior conj	-3975 Feb 18 j 07:00	29°♑14'49	-1°-2'-22
minimum elong	-3975 Feb 18 j 09:37	29°♑28'41	1°02'05
	-3975 Feb 18 j 15:32	0°♒	
asc. node	-3975 Feb 24 j 16:52	12°♒52'12	
evening rise	-3975 Feb 25 j 14:52	14°♒47'35	
	-3975 Mar 05 j 08:59	0°♓	
evening max el	-3975 Mar 18 j 19:17	18°♓40'03	22°10'05
retrograde	-3975 Mar 31 j 12:05	24°♓50'29	
evening set	-3975 Apr 03 j 09:05	24°♓32'11	
desc. node	-3975 Apr 08 j 04:20	22°♓50'22	
min. Earth dist.	-3975 Apr 12 j 02:18	20°♓45'28	0.55271 AU
inferior conj	-3975 Apr 12 j 17:06	20°♓24'35	-1°-14'-36
minimum elong	-3975 Apr 12 j 13:43	20°♓29'22	1°13'31
morning rise	-3975 Apr 21 j 19:55	16°♓26'49	
direct	-3975 Apr 24 j 12:27	16°♓10'30	
morning max el	-3975 May 06 j 07:58	21°♓43'57	21°19'26
	-3975 May 13 j 07:05	0°♈	
asc. node	-3975 May 23 j 16:32	18°♈05'35	
morning set	-3975 May 26 j 07:16	23°♈23'43	
	-3975 May 29 j 11:25	0°♉	
superior conj	-3975 Jun 02 j 19:05	9°♉01'02	1°28'01
minimum elong	-3975 Jun 02 j 16:25	8°♉47'16	1°27'48
max. Earth dist.	-3975 Jun 06 j 17:07	17°♉00'12	1.35245 AU
evening rise	-3975 Jun 11 j 05:10	25°♉47'31	
	-3975 Jun 13 j 11:03	0°♊	
	-3975 Jul 01 j 19:38	0°♋	
desc. node	-3975 Jul 05 j 03:06	4°♋35'04	
evening max el	-3975 Jul 16 j 12:58	17°♋59'30	26°42'28
retrograde	-3975 Jul 29 j 12:32	25°♋17'44	
evening set	-3975 Aug 05 j 04:32	22°♋31'50	
min. Earth dist.	-3975 Aug 09 j 04:18	18°♋24'04	0.65770 AU
inferior conj	-3975 Aug 10 j 21:14	16°♋21'40	-2°-43'-9
minimum elong	-3975 Aug 11 j 00:43	16°♋11'14	2°41'52
morning rise	-3975 Aug 16 j 21:58	10°♋36'20	
direct	-3975 Aug 19 j 20:22	9°♋48'04	
asc. node	-3975 Aug 19 j 15:51	9°♋48'16	
morning max el	-3975 Aug 26 j 12:57	13°♋30'26	18°34'32
	-3975 Sep 07 j 08:34	0°♌	
morning set	-3975 Sep 15 j 15:44	13°♌22'18	
	-3975 Sep 26 j 00:51	0°♍	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-3975 Oct 01 j 04:35	8°♍09'15	0°00'-31
minimum elong	-3975 Oct 01 j 04:31	8°♍08'59	0°00'26
behind sun begin	-3975 Sep 30 j 17:11	7°♍24'15	
behind sun end	-3975 Oct 01 j 15:52	8°♍53'43	
desc. node	-3975 Oct 01 j 02:37	8°♍01'26	
max. Earth dist.	-3975 Oct 02 j 06:06	9°♍49'46	1.44832 AU
	-3975 Oct 15 j 01:14	0°♎	
evening rise	-3975 Oct 17 j 12:09	3°♎53'09	
	-3975 Nov 03 j 09:44	0°♏	
evening max el	-3975 Nov 08 j 21:24	6°♏49'03	19°08'38
retrograde	-3975 Nov 15 j 21:25	10°♏49'40	
asc. node	-3975 Nov 15 j 14:44	10°♏49'14	
evening set	-3975 Nov 19 j 01:50	9°♏50'54	
inferior conj	-3975 Nov 24 j 19:47	3°♏58'53	2°48'18
minimum elong	-3975 Nov 24 j 16:40	4°♏08'41	2°47'17
min. Earth dist.	-3975 Nov 26 j 05:42	2°♏12'00	0.65688 AU
	-3975 Nov 28 j 01:55	30°℞♎	
morning rise	-3975 Nov 30 j 06:36	27°♎47'17	
direct	-3975 Dec 06 j 15:54	25°♎01'39	
	-3975 Dec 16 j 18:08	0°♏	
morning max el	-3975 Dec 19 j 10:09	2°♏29'43	26°25'15
desc. node	-3975 Dec 28 j 02:26	12°♏32'42	
	-3974 Jan 09 j 07:00	0°♐	
morning set	-3974 Jan 24 j 10:50	26°♐01'38	
	-3974 Jan 26 j 12:58	0°♑	
max. Earth dist.	-3974 Jan 28 j 15:48	4°♑07'27	1.35108 AU
superior conj	-3974 Feb 02 j 06:22	13°♑23'58	-1°-24'-2
minimum elong	-3974 Feb 02 j 09:30	13°♑40'01	1°23'48
evening rise	-3974 Feb 09 j 23:12	29°♑22'41	
	-3974 Feb 10 j 06:28	0°♒	
asc. node	-3974 Feb 11 j 13:53	2°♒40'14	
evening max el	-3974 Feb 28 j 21:42	29°♒49'05	20°45'09
	-3974 Mar 01 j 02:20	0°♓	
retrograde	-3974 Mar 12 j 01:52	5°♓08'21	
evening set	-3974 Mar 14 j 10:30	4°♓55'01	
inferior conj	-3974 Mar 23 j 12:32	0°♓57'16	0°42'01
minimum elong	-3974 Mar 23 j 14:26	0°♓54'33	0°41'16
min. Earth dist.	-3974 Mar 24 j 16:33	0°♓16'53	0.55288 AU
	-3974 Mar 25 j 04:23	30°℞♒	
desc. node	-3974 Mar 26 j 01:28	29°♒30'25	
morning rise	-3974 Apr 01 j 16:49	26°♒43'18	
direct	-3974 Apr 05 j 00:33	26°♒19'15	
	-3974 Apr 14 j 23:07	0°♓	
morning max el	-3974 Apr 18 j 05:57	2°♓45'01	22°53'36
	-3974 May 06 j 15:29	0°♈	
morning set	-3974 May 10 j 18:12	8°♈20'20	
asc. node	-3974 May 10 j 13:32	7°♈55'59	
superior conj	-3974 May 17 j 23:27	23°♈41'14	1°10'08
minimum elong	-3974 May 17 j 20:53	23°♈27'36	1°09'47
max. Earth dist.	-3974 May 20 j 14:22	29°♈12'50	1.34039 AU
	-3974 May 20 j 23:25	0°♉	
evening rise	-3974 May 25 j 18:12	9°♉42'11	
	-3974 Jun 05 j 21:12	0°♊	
desc. node	-3974 Jun 22 j 00:12	23°♊33'48	
	-3974 Jun 27 j 17:02	0°♋	
evening max el	-3974 Jun 29 j 00:07	1°♋17'03	27°17'46
retrograde	-3974 Jul 12 j 11:41	8°♋41'14	
evening set	-3974 Jul 19 j 12:44	5°♋55'40	
min. Earth dist.	-3974 Jul 23 j 05:56	2°♋24'49	0.64490 AU
	-3974 Jul 25 j 10:51	30°℞♊	
inferior conj	-3974 Jul 25 j 12:38	29°♊55'05	-3°-26'-1
minimum elong	-3974 Jul 25 j 16:26	29°♊44'40	3°24'56
morning rise	-3974 Jul 31 j 21:44	24°♊25'34	
direct	-3974 Aug 03 j 14:34	23°♊47'25	
asc. node	-3974 Aug 06 j 12:57	24°♊32'03	
morning max el	-3974 Aug 10 j 02:59	27°♊16'27	18°06'27
	-3974 Aug 12 j 12:38	0°♋	
morning set	-3974 Aug 27 j 23:00	24°♋26'36	
	-3974 Aug 31 j 06:10	0°♌	
superior conj	-3974 Sep 10 j 12:40	16°♌53'51	0°46'18
minimum elong	-3974 Sep 10 j 17:40	17°♌14'00	0°45'48
max. Earth dist.	-3974 Sep 14 j 23:19	24°♌00'25	1.44396 AU
desc. node	-3974 Sep 17 j 23:35	28°♌46'07	
	-3974 Sep 18 j 18:22	0°♍	
evening rise	-3974 Sep 27 j 02:15	12°♍58'48	
	-3974 Oct 08 j 04:56	0°♎	
greatest brilliancy	-3974 Oct 15 j 22:06	11°♎17'08	-0.6m
evening max el	-3974 Oct 23 j 03:06	20°♎15'43	20°01'55
retrograde	-3974 Oct 30 j 18:28	24°♎44'06	
asc. node	-3974 Nov 02 j 11:51	24°♎01'01	
evening set	-3974 Nov 03 j 07:25	23°♎31'09	
inferior conj	-3974 Nov 08 j 20:38	17°♎26'52	2°03'38
minimum elong	-3974 Nov 08 j 18:04	17°♎35'24	2°02'40
min. Earth dist.	-3974 Nov 09 j 17:55	16°♎16'07	0.66590 AU
morning rise	-3974 Nov 14 j 04:04	11°♎10'59	
direct	-3974 Nov 19 j 23:09	8°♎39'32	
morning max el	-3974 Dec 01 j 18:59	15°♎40'58	25°11'35
	-3974 Dec 13 j 15:31	0°♏	
desc. node	-3974 Dec 14 j 23:25	1°♏49'34	
	-3973 Jan 02 j 04:32	0°♐	
morning set	-3973 Jan 06 j 22:56	8°♐19'55	
max. Earth dist.	-3973 Jan 10 j 17:31	15°♐14'02	1.36794 AU
superior conj	-3973 Jan 16 j 20:43	27°♐01'15	-1°-41'-35
minimum elong	-3973 Jan 16 j 23:37	27°♐15'33	1°41'32
	-3973 Jan 18 j 08:44	0°♑	
evening rise	-3973 Jan 25 j 02:54	13°♑37'41	
asc. node	-3973 Jan 29 j 10:56	22°♑09'36	
	-3973 Feb 02 j 19:18	0°♒	
evening max el	-3973 Feb 11 j 10:43	11°♒33'50	19°36'23
retrograde	-3973 Feb 20 j 22:22	16°♒03'54	
evening set	-3973 Feb 23 j 06:00	15°♒49'00	
inferior conj	-3973 Mar 03 j 17:12	11°♒44'36	2°23'22
minimum elong	-3973 Mar 03 j 22:07	11°♒36'43	2°21'52
min. Earth dist.	-3973 Mar 06 j 07:14	10°♒05'54	0.56211 AU
morning rise	-3973 Mar 12 j 10:42	7°♒02'24	
desc. node	-3973 Mar 12 j 22:34	6°♒53'11	
direct	-3973 Mar 16 j 21:28	6°♒17'47	
morning max el	-3973 Mar 30 j 21:37	13°♒22'16	24°32'37
	-3973 Apr 12 j 18:46	0°♓	
morning set	-3973 Apr 25 j 06:25	23°♓22'54	
asc. node	-3973 Apr 27 j 10:31	27°♓59'23	
	-3973 Apr 28 j 08:58	0°♈	
superior conj	-3973 May 02 j 08:12	8°♈35'45	0°49'03
minimum elong	-3973 May 02 j 06:12	8°♈24'56	0°48'41
max. Earth dist.	-3973 May 03 j 20:28	11°♈51'29	1.33204 AU
evening rise	-3973 May 09 j 16:54	24°♈07'23	
	-3973 May 12 j 15:51	0°♉	
	-3973 May 30 j 12:54	0°♊	
desc. node	-3973 Jun 08 j 21:18	11°♊38'56	
evening max el	-3973 Jun 11 j 09:36	14°♊11'51	27°23'56
retrograde	-3973 Jun 25 j 04:42	21°♊35'27	
evening set	-3973 Jul 02 j 07:56	19°♊03'38	
min. Earth dist.	-3973 Jul 05 j 22:03	16°♊02'54	0.62850 AU
inferior conj	-3973 Jul 08 j 18:16	13°♊15'36	-3°-59'-23
minimum elong	-3973 Jul 08 j 21:25	13°♊07'51	3°58'46
morning rise	-3973 Jul 15 j 13:08	8°♊04'53	
direct	-3973 Jul 18 j 02:40	7°♊34'10	
asc. node	-3973 Jul 24 j 10:01	10°♊39'31	
morning max el	-3973 Jul 24 j 17:49	10°♊58'21	17°56'17

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3973 Aug 06 j 11:32	0°♋	
morning set	-3973 Aug 10 j 05:37	6°♋38'03	
superior conj	-3973 Aug 21 j 21:21	26°♋51'58	1°21'15
minimum elong	-3973 Aug 22 j 02:52	27°♋15'09	1°20'52
	-3973 Aug 23 j 18:17	0°♌	
max. Earth dist.	-3973 Aug 28 j 13:28	7°♌52'52	1.43303 AU
desc. node	-3973 Sep 04 j 20:33	19°♌29'06	
evening rise	-3973 Sep 06 j 06:15	21°♌40'25	
	-3973 Sep 11 j 16:15	0°♍	
greatest brilliancy	-3973 Sep 30 j 17:32	27°♍23'47	-0.5m
	-3973 Oct 02 j 19:43	0°♎	
evening max el	-3973 Oct 06 j 02:58	3°♎42'00	21°08'32
retrograde	-3973 Oct 14 j 15:21	8°♎44'32	
evening set	-3973 Oct 18 j 15:07	7°♎14'42	
asc. node	-3973 Oct 20 j 08:58	5°♎39'16	
inferior conj	-3973 Oct 24 j 01:12	1°♎01'27	1°14'10
minimum elong	-3973 Oct 23 j 23:33	1°♎07'06	1°13'30
min. Earth dist.	-3973 Oct 24 j 11:11	0°♎27'15	0.67157 AU
	-3973 Oct 24 j 19:10	30°℞♍	
morning rise	-3973 Oct 29 j 07:36	24°♍44'06	
direct	-3973 Nov 03 j 11:21	22°♍32'35	
morning max el	-3973 Nov 14 j 03:47	28°♍55'17	23°47'07
	-3973 Nov 15 j 04:46	0°♎	
desc. node	-3973 Dec 01 j 20:23	21°♎37'06	
	-3973 Dec 07 j 10:59	0°♏	
morning set	-3973 Dec 19 j 11:40	19°♏25'16	
max. Earth dist.	-3973 Dec 23 j 13:29	26°♏29'19	1.38794 AU
	-3973 Dec 25 j 12:46	0°♐	
superior conj	-3973 Dec 30 j 22:11	9°♐56'01	-1°-52'-37
minimum elong	-3973 Dec 30 j 23:42	10°♐03'09	1°52'44
evening rise	-3972 Jan 08 j 23:31	27°♐26'04	
	-3972 Jan 10 j 07:12	0°♑	
asc. node	-3972 Jan 16 j 07:58	11°♑13'26	
evening max el	-3972 Jan 25 j 09:31	23°♑52'40	18°46'49
retrograde	-3972 Feb 02 j 11:41	27°♑47'00	
evening set	-3972 Feb 04 j 21:56	27°♑27'18	
inferior conj	-3972 Feb 12 j 16:14	23°♑05'04	3°29'29
minimum elong	-3972 Feb 12 j 20:16	22°♑57'36	3°28'37
min. Earth dist.	-3972 Feb 15 j 23:16	20°♑40'00	0.57823 AU
morning rise	-3972 Feb 20 j 14:54	17°♑54'29	
direct	-3972 Feb 26 j 07:02	16°♑36'06	
desc. node	-3972 Feb 27 j 19:40	16°♑41'48	
morning max el	-3972 Mar 11 j 13:05	24°♑02'04	26°02'22
	-3972 Mar 16 j 23:13	0°♒	
	-3972 Apr 04 j 15:03	0°♓	
morning set	-3972 Apr 08 j 18:11	8°♓24'12	
asc. node	-3972 Apr 13 j 07:30	18°♓10'03	
superior conj	-3972 Apr 15 j 19:17	23°♓36'31	0°25'45
minimum elong	-3972 Apr 15 j 18:10	23°♓30'24	0°25'30
max. Earth dist.	-3972 Apr 16 j 08:12	24°♓47'08	1.32717 AU
	-3972 Apr 18 j 17:46	0°♈	
evening rise	-3972 Apr 22 j 22:03	8°♈51'30	
	-3972 May 04 j 01:37	0°♉	
evening max el	-3972 May 23 j 14:38	26°♉30'23	26°57'25
desc. node	-3972 May 25 j 18:23	28°♉26'54	
	-3972 May 27 j 17:37	0°♊	
retrograde	-3972 Jun 06 j 14:20	3°♊51'00	
evening set	-3972 Jun 13 j 09:58	1°♊46'30	
	-3972 Jun 15 j 23:47	30°℞♉	
min. Earth dist.	-3972 Jun 17 j 04:10	29°♉03'19	0.60921 AU
inferior conj	-3972 Jun 20 j 10:42	26°♉14'19	-4°-17'-45
minimum elong	-3972 Jun 20 j 11:52	26°♉11'47	4°17'35
morning rise	-3972 Jun 27 j 16:47	21°♉24'59	
direct	-3972 Jun 30 j 04:47	20°♉59'52	
morning max el	-3972 Jul 07 j 06:41	24°♉28'49	18°05'01
asc. node	-3972 Jul 10 j 07:04	27°♉54'25	
	-3972 Jul 11 j 19:48	0°♊	
morning set	-3972 Jul 23 j 06:01	19°♊41'15	
	-3972 Jul 28 j 20:08	0°♋	
superior conj	-3972 Aug 02 j 09:24	8°♋11'38	1°41'34
minimum elong	-3972 Aug 02 j 12:36	8°♋25'47	1°41'33
max. Earth dist.	-3972 Aug 09 j 22:29	21°♋11'11	1.41692 AU
	-3972 Aug 15 j 07:25	0°♌	
evening rise	-3972 Aug 15 j 20:05	0°♌50'51	
desc. node	-3972 Aug 21 j 17:32	10°♌06'51	
	-3972 Sep 04 j 04:59	0°♍	
greatest brilliancy	-3972 Sep 13 j 03:13	11°♍48'35	-0.3m
evening max el	-3972 Sep 17 j 20:40	17°♍07'30	22°24'51
retrograde	-3972 Sep 27 j 10:23	22°♍48'33	
evening set	-3972 Oct 01 j 23:04	20°♍59'38	
asc. node	-3972 Oct 06 j 06:04	16°♍08'24	
inferior conj	-3972 Oct 07 j 07:35	14°♍40'49	0°21'50
minimum elong	-3972 Oct 07 j 07:04	14°♍42'35	0°21'39
min. Earth dist.	-3972 Oct 07 j 07:06	14°♍42'30	0.67411 AU
morning rise	-3972 Oct 12 j 14:58	8°♍24'53	
direct	-3972 Oct 17 j 03:42	6°♍35'12	
morning max el	-3972 Oct 26 j 15:31	12°♍13'55	22°21'10
greatest brilliancy	-3972 Oct 31 j 08:24	17°♍32'36	-0.3m
	-3972 Nov 09 j 16:19	0°♎	
desc. node	-3972 Nov 17 j 17:20	11°♎46'25	
morning set	-3972 Nov 28 j 20:08	29°♎07'28	
	-3972 Nov 29 j 09:05	0°♏	
max. Earth dist.	-3972 Dec 04 j 11:40	8°♏27'10	1.40855 AU
superior conj	-3972 Dec 12 j 05:46	21°♏55'12	-1°-53'-55
minimum elong	-3972 Dec 12 j 04:27	21°♏49'20	1°54'02
	-3972 Dec 16 j 16:31	0°♐	
evening rise	-3972 Dec 22 j 10:04	10°♐40'53	
asc. node	-3971 Jan 02 j 05:01	29°♐43'34	
	-3971 Jan 02 j 09:21	0°♑	
evening max el	-3971 Jan 07 j 15:47	6°♑39'06	18°17'23
retrograde	-3971 Jan 14 j 19:39	10°♑13'29	
evening set	-3971 Jan 17 j 08:32	9°♑47'37	
inferior conj	-3971 Jan 24 j 11:47	5°♑03'40	3°59'19
minimum elong	-3971 Jan 24 j 13:05	5°♑00'53	3°59'04
min. Earth dist.	-3971 Jan 27 j 19:44	2°♑12'45	0.59783 AU
	-3971 Jan 30 j 19:37	30°℞♐	
morning rise	-3971 Jan 31 j 14:35	29°♐30'55	
direct	-3971 Feb 07 j 04:31	27°♐33'49	
desc. node	-3971 Feb 13 j 16:45	29°♐19'40	
	-3971 Feb 14 j 21:28	0°♑	
morning max el	-3971 Feb 21 j 09:38	5°♑11'09	27°08'04
	-3971 Mar 11 j 19:02	0°♒	
morning set	-3971 Mar 24 j 03:45	23°♒17'55	
	-3971 Mar 27 j 07:48	0°♓	
superior conj	-3971 Mar 31 j 07:01	8°♓37'35	0°01'07
minimum elong	-3971 Mar 31 j 06:58	8°♓37'19	0°01'02
behind sun begin	-3971 Mar 31 j 01:59	8°♓10'00	
behind sun end	-3971 Mar 31 j 11:58	9°♓04'40	
max. Earth dist.	-3971 Mar 30 j 21:44	7°♓46'48	1.32567 AU
asc. node	-3971 Mar 31 j 04:29	8°♓23'42	
evening rise	-3971 Apr 07 j 07:17	23°♓46'08	
	-3971 Apr 10 j 08:08	0°♈	
	-3971 Apr 28 j 09:36	0°♉	
evening max el	-3971 May 05 j 13:19	8°♉05'48	25°59'21
desc. node	-3971 May 12 j 15:30	13°♉26'37	
retrograde	-3971 May 19 j 15:21	15°♉21'50	
evening set	-3971 May 25 j 15:10	13°♉54'17	
min. Earth dist.	-3971 May 30 j 01:52	11°♉11'39	0.58877 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-3971 Jun 02 j 10:17	8°♉41'42	-4°-12'-54
minimum elong	-3971 Jun 02 j 08:10	8°♉45'42	4°12'39
morning rise	-3971 Jun 10 j 05:00	4°♉14'49	
direct	-3971 Jun 12 j 16:26	3°♉54'13	
morning max el	-3971 Jun 20 j 14:46	7°♉40'05	18°33'32
asc. node	-3971 Jun 27 j 04:06	16°♉02'11	
	-3971 Jul 05 j 00:53	0°♊	
morning set	-3971 Jul 06 j 19:27	3°♊24'10	
superior conj	-3971 Jul 15 j 20:22	20°♊40'54	1°49'00
minimum elong	-3971 Jul 15 j 20:53	20°♊43'23	1°49'10
	-3971 Jul 20 j 22:57	0°♋	
max. Earth dist.	-3971 Jul 23 j 01:57	3°♋45'09	1.39786 AU
evening rise	-3971 Jul 27 j 09:37	11°♋09'17	
	-3971 Aug 08 j 05:10	0°♌	
desc. node	-3971 Aug 08 j 14:31	0°♌35'19	
	-3971 Aug 30 j 20:17	0°♍	
evening max el	-3971 Aug 31 j 09:34	0°♍33'40	23°45'32
retrograde	-3971 Sep 11 j 02:25	6°♍52'47	
evening set	-3971 Sep 16 j 05:30	4°♍44'06	
	-3971 Sep 20 j 09:30	30°℞♌	
min. Earth dist.	-3971 Sep 21 j 03:16	28°♌59'50	0.67367 AU
inferior conj	-3971 Sep 21 j 14:01	28°♌23'09	0°-31'-43
minimum elong	-3971 Sep 21 j 14:46	28°♌20'37	0°31'20
asc. node	-3971 Sep 23 j 03:12	26°♌18'27	
morning rise	-3971 Sep 27 j 00:10	22°♌11'34	
direct	-3971 Sep 30 j 23:22	20°♌42'47	
morning max el	-3971 Oct 09 j 09:06	25°♌39'31	21°01'10
	-3971 Oct 13 j 05:09	0°♍	
greatest brilliancy	-3971 Oct 15 j 01:06	2°♍18'32	-0.5m
	-3971 Nov 03 j 04:16	0°♎	
desc. node	-3971 Nov 04 j 14:15	2°♎10'30	
morning set	-3971 Nov 08 j 02:55	7°♎38'51	
max. Earth dist.	-3971 Nov 16 j 16:13	21°♎16'56	1.42687 AU
	-3971 Nov 21 j 22:48	0°♏	
superior conj	-3971 Nov 23 j 13:37	2°♏43'39	-1°-41'-41
minimum elong	-3971 Nov 23 j 08:34	2°♏22'18	1°41'26
evening rise	-3971 Dec 05 j 06:40	23°♏12'50	
	-3971 Dec 09 j 01:53	0°♐	
asc. node	-3971 Dec 20 j 02:06	17°♐28'46	
evening max el	-3971 Dec 22 j 02:38	19°♐44'19	18°07'52
retrograde	-3971 Dec 28 j 18:44	23°♐12'25	
evening set	-3971 Dec 31 j 10:21	22°♐39'23	
inferior conj	-3970 Jan 07 j 01:17	17°♐33'49	4°00'51
minimum elong	-3970 Jan 07 j 00:06	17°♐36'45	4°00'37
min. Earth dist.	-3970 Jan 09 j 23:55	14°♐40'29	0.61769 AU
morning rise	-3970 Jan 13 j 11:34	11°♐45'29	
direct	-3970 Jan 20 j 11:58	9°♐16'17	
desc. node	-3970 Jan 31 j 13:49	14°♐19'30	
morning max el	-3970 Feb 03 j 12:29	16°♐59'56	27°40'06
	-3970 Feb 14 j 08:34	0°♑	
	-3970 Mar 04 j 09:13	0°♒	
morning set	-3970 Mar 08 j 09:07	7°♒56'28	
max. Earth dist.	-3970 Mar 14 j 09:11	20°♒36'10	1.32759 AU
superior conj	-3970 Mar 15 j 17:46	23°♒32'47	0°-24'-2
minimum elong	-3970 Mar 15 j 18:51	23°♒38'40	0°23'55
asc. node	-3970 Mar 18 j 01:29	28°♒36'02	
	-3970 Mar 18 j 16:56	0°♓	
evening rise	-3970 Mar 22 j 18:35	8°♓43'49	
	-3970 Apr 02 j 21:56	0°♈	
evening max el	-3970 Apr 17 j 06:32	19°♈04'43	24°37'13
desc. node	-3970 Apr 29 j 12:36	26°♈01'31	
retrograde	-3970 May 01 j 05:47	26°♈08'21	
evening set	-3970 May 05 j 23:19	25°♈17'35	
min. Earth dist.	-3970 May 11 j 18:35	22°♈19'31	0.57010 AU
inferior conj	-3970 May 14 j 14:12	20°♈29'49	-3°-34'-32
minimum elong	-3970 May 14 j 08:52	20°♈38'31	3°33'27
morning rise	-3970 May 22 j 22:36	16°♈22'13	
direct	-3970 May 25 j 09:44	16°♈05'14	
morning max el	-3970 Jun 03 j 15:16	20°♈22'52	19°22'26
	-3970 Jun 11 j 04:05	0°♉	
asc. node	-3970 Jun 14 j 01:08	4°♉50'34	
morning set	-3970 Jun 20 j 18:16	17°♉37'41	
	-3970 Jun 26 j 22:56	0°♊	
superior conj	-3970 Jun 29 j 00:29	4°♊03'46	1°46'24
minimum elong	-3970 Jun 28 j 23:05	3°♊56'55	1°46'29
max. Earth dist.	-3970 Jul 05 j 03:38	15°♊42'41	1.37848 AU
evening rise	-3970 Jul 09 j 01:15	22°♊45'08	
	-3970 Jul 13 j 05:56	0°♋	
desc. node	-3970 Jul 26 j 11:33	20°♋49'45	
	-3970 Aug 02 j 00:24	0°♌	
evening max el	-3970 Aug 13 j 20:23	14°♌03'34	25°03'42
retrograde	-3970 Aug 25 j 14:30	20°♌53'59	
evening set	-3970 Aug 31 j 08:40	18°♌27'03	
min. Earth dist.	-3970 Sep 04 j 21:21	13°♌18'29	0.67017 AU
inferior conj	-3970 Sep 05 j 18:51	12°♌07'36	-1°-24'-47
minimum elong	-3970 Sep 05 j 20:49	12°♌01'06	1°23'52
asc. node	-3970 Sep 10 j 00:18	7°♌09'39	
morning rise	-3970 Sep 11 j 09:25	6°♌03'25	
direct	-3970 Sep 14 j 21:10	4°♌52'53	
morning max el	-3970 Sep 22 j 09:55	9°♌14'09	19°52'27
greatest brilliancy	-3970 Sep 30 j 04:58	18°♌59'27	-0.6m
	-3970 Oct 07 j 16:49	0°♍	
morning set	-3970 Oct 18 j 01:18	15°♍53'03	
desc. node	-3970 Oct 22 j 11:13	22°♍45'08	
	-3970 Oct 27 j 01:59	0°♎	
max. Earth dist.	-3970 Oct 30 j 03:34	4°♎51'43	1.44046 AU
superior conj	-3970 Nov 03 j 18:02	12°♎14'58	-1°-12'-56
minimum elong	-3970 Nov 03 j 11:02	11°♎46'40	1°12'13
	-3970 Nov 14 j 11:41	0°♏	
evening rise	-3970 Nov 17 j 08:54	4°♏53'18	
	-3970 Dec 03 j 00:32	0°♐	
evening max el	-3970 Dec 05 j 15:19	3°♐01'46	18°17'29
asc. node	-3970 Dec 06 j 23:12	4°♐16'14	
retrograde	-3970 Dec 12 j 04:29	6°♐34'48	
evening set	-3970 Dec 14 j 23:49	5°♐53'16	
inferior conj	-3970 Dec 21 j 04:57	0°♐27'42	3°42'34
minimum elong	-3970 Dec 21 j 02:17	0°♐35'04	3°42'00
	-3970 Dec 21 j 14:56	30°℞♏	
min. Earth dist.	-3970 Dec 23 j 13:38	27°♏51'34	0.63554 AU
morning rise	-3970 Dec 27 j 03:08	24°♏28'17	
direct	-3969 Jan 03 j 03:29	21°♏41'07	
morning max el	-3969 Jan 16 j 19:54	29°♏25'24	27°35'53
	-3969 Jan 17 j 09:44	0°♐	
desc. node	-3969 Jan 18 j 10:52	1°♐05'07	
	-3969 Feb 08 j 05:29	0°♑	
morning set	-3969 Feb 20 j 07:50	22°♑11'08	
	-3969 Feb 24 j 03:55	0°♒	
max. Earth dist.	-3969 Feb 25 j 14:34	3°♒01'23	1.33331 AU
superior conj	-3969 Feb 28 j 01:47	8°♒15'56	0°-48'-45
minimum elong	-3969 Feb 28 j 03:55	8°♒27'19	0°48'30
asc. node	-3969 Mar 04 j 22:29	18°♒42'47	
evening rise	-3969 Mar 07 j 06:08	23°♒37'57	
	-3969 Mar 10 j 08:24	0°♓	
evening max el	-3969 Mar 29 j 22:48	29°♓47'55	23°03'40
	-3969 Mar 30 j 03:54	0°♈	
retrograde	-3969 Apr 12 j 07:15	6°♈22'28	
evening set	-3969 Apr 15 j 17:35	5°♈56'44	
desc. node	-3969 Apr 16 j 09:45	5°♈45'55	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-3969 Apr 23 j 09:16	2°♈31'38	0.55678 AU
inferior conj	-3969 Apr 24 j 22:55	1°♈36'45	-2°-15'-50
minimum elong	-3969 Apr 24 j 17:29	1°♈44'42	2°14'14
	-3969 Apr 27 j 19:18	30°℞♓	
morning rise	-3969 May 03 j 20:15	27°♓39'15	
direct	-3969 May 06 j 09:06	27°♓23'48	
	-3969 May 14 j 04:08	0°♈	
morning max el	-3969 May 17 j 05:39	2°♈27'24	20°31'24
asc. node	-3969 May 31 j 22:09	24°♈09'07	
	-3969 Jun 03 j 21:15	0°♉	
morning set	-3969 Jun 04 j 23:33	2°♉13'20	
superior conj	-3969 Jun 12 j 16:48	18°♉04'59	1°36'22
minimum elong	-3969 Jun 12 j 14:22	17°♉52'38	1°36'15
max. Earth dist.	-3969 Jun 17 j 10:04	27°♉28'46	1.36108 AU
	-3969 Jun 18 j 17:23	0°♊	
evening rise	-3969 Jun 21 j 14:40	5°♊26'44	
	-3969 Jul 06 j 01:54	0°♋	
desc. node	-3969 Jul 13 j 08:37	10°♋42'41	
evening max el	-3969 Jul 27 j 07:21	27°♋35'23	26°11'28
	-3969 Jul 29 j 22:45	0°♌	
retrograde	-3969 Aug 08 j 21:53	4°♌46'09	
evening set	-3969 Aug 15 j 06:28	2°♌05'21	
	-3969 Aug 17 j 09:30	30°℞♋	
min. Earth dist.	-3969 Aug 19 j 10:51	27°♋34'55	0.66332 AU
inferior conj	-3969 Aug 20 j 20:12	25°♋50'54	-2°-15'-39
minimum elong	-3969 Aug 20 j 23:14	25°♋41'26	2°14'25
morning rise	-3969 Aug 26 j 16:46	19°♋57'30	
asc. node	-3969 Aug 27 j 21:25	19°♋23'02	
direct	-3969 Aug 29 j 19:24	19°♋01'58	
morning max el	-3969 Sep 05 j 17:23	22°♋55'58	18°58'17
	-3969 Sep 11 j 10:21	0°♌	
morning set	-3969 Sep 27 j 14:30	24°♌55'22	
	-3969 Sep 30 j 19:35	0°♍	
desc. node	-3969 Oct 09 j 08:12	13°♍26'19	
max. Earth dist.	-3969 Oct 12 j 20:01	18°♍56'32	1.44758 AU
superior conj	-3969 Oct 13 j 23:30	20°♍44'55	0°-29'-8
minimum elong	-3969 Oct 13 j 19:45	20°♍30'06	0°28'37
	-3969 Oct 19 j 19:40	0°♎	
evening rise	-3969 Oct 29 j 12:12	15°♎33'39	
	-3969 Nov 07 j 10:21	0°♏	
evening max el	-3969 Nov 19 j 03:08	16°♏26'03	18°45'09
asc. node	-3969 Nov 23 j 20:17	19°♏51'00	
retrograde	-3969 Nov 25 j 21:04	20°♏13'48	
evening set	-3969 Nov 28 j 21:41	19°♏21'51	
inferior conj	-3969 Dec 04 j 19:09	13°♏38'41	3°10'53
minimum elong	-3969 Dec 04 j 15:59	13°♏48'15	3°09'59
min. Earth dist.	-3969 Dec 06 j 13:06	11°♏32'07	0.65014 AU
morning rise	-3969 Dec 10 j 09:12	7°♏31'05	
direct	-3969 Dec 17 j 01:35	4°♏41'15	
morning max el	-3969 Dec 30 j 05:21	12°♏17'45	26°58'51
desc. node	-3968 Jan 05 j 07:55	19°♏06'14	
	-3968 Jan 13 j 12:00	0°♐	
	-3968 Jan 31 j 18:14	0°♑	
morning set	-3968 Feb 03 j 20:42	5°♑51'35	
max. Earth dist.	-3968 Feb 08 j 10:25	14°♑53'38	1.34328 AU
superior conj	-3968 Feb 12 j 05:02	22°♑40'14	-1°-11'-56
minimum elong	-3968 Feb 12 j 07:57	22°♑55'24	1°11'39
	-3968 Feb 15 j 16:37	0°♒	
evening rise	-3968 Feb 19 j 16:12	8°♒22'25	
asc. node	-3968 Feb 19 j 19:30	8°♒39'33	
	-3968 Mar 02 j 07:48	0°♓	
evening max el	-3968 Mar 10 j 20:11	10°♓42'06	21°32'25
retrograde	-3968 Mar 22 j 22:17	16°♓30'53	
evening set	-3968 Mar 25 j 12:27	16°♓15'43	

desc. node	-3968 Apr 02 j 06:52	13°♓06'03	
inferior conj	-3968 Apr 03 j 19:31	12°♓14'53	0°-25'-24
minimum elong	-3968 Apr 03 j 18:20	12°♓16'34	0°25'04
min. Earth dist.	-3968 Apr 03 j 23:15	12°♓09'38	0.55164 AU
morning rise	-3968 Apr 13 j 00:24	8°♓12'26	
direct	-3968 Apr 15 j 22:07	7°♓53'51	
morning max el	-3968 Apr 28 j 09:07	13°♓50'13	21°58'02
	-3968 May 10 j 11:13	0°♈	
asc. node	-3968 May 17 j 19:10	13°♈50'19	
morning set	-3968 May 19 j 09:01	17°♈04'43	
	-3968 May 25 j 12:20	0°♉	
superior conj	-3968 May 26 j 17:37	2°♉33'55	1°20'53
minimum elong	-3968 May 26 j 14:56	2°♉19'50	1°20'37
max. Earth dist.	-3968 May 30 j 01:55	9°♉29'33	1.34696 AU
evening rise	-3968 Jun 03 j 20:30	18°♉59'08	
	-3968 Jun 09 j 18:44	0°♊	
desc. node	-3968 Jun 29 j 05:40	0°♋04'45	
	-3968 Jun 29 j 04:13	0°♋	
evening max el	-3968 Jul 08 j 18:53	11°♋01'49	27°00'38
retrograde	-3968 Jul 21 j 23:56	18°♋22'33	
evening set	-3968 Jul 28 j 20:28	15°♋35'37	
min. Earth dist.	-3968 Aug 01 j 17:20	11°♋43'54	0.65280 AU
inferior conj	-3968 Aug 03 j 15:56	9°♋29'23	-3°-2'-12
minimum elong	-3968 Aug 03 j 19:38	9°♋18'40	3°00'59
morning rise	-3968 Aug 09 j 20:02	3°♋50'12	
direct	-3968 Aug 12 j 15:53	3°♋06'27	
asc. node	-3968 Aug 13 j 18:31	3°♋13'09	
morning max el	-3968 Aug 19 j 05:42	6°♋41'49	18°20'23
	-3968 Sep 04 j 01:34	0°♌	
morning set	-3968 Sep 07 j 06:17	5°♌15'55	
superior conj	-3968 Sep 21 j 23:55	29°♌05'06	0°20'22
minimum elong	-3968 Sep 22 j 02:28	29°♌15'15	0°20'06
	-3968 Sep 22 j 13:45	0°♍	
max. Earth dist.	-3968 Sep 24 j 14:34	3°♍13'02	1.44740 AU
desc. node	-3968 Sep 25 j 05:09	4°♍10'37	
evening rise	-3968 Oct 08 j 14:40	25°♍11'01	
	-3968 Oct 11 j 16:39	0°♎	
greatest brilliancy	-3968 Oct 23 j 11:52	18°♎07'39	-0.7m
evening max el	-3968 Nov 01 j 11:39	29°♎52'40	19°29'32
	-3968 Nov 01 j 14:30	0°♏	
retrograde	-3968 Nov 08 j 17:15	4°♏03'53	
asc. node	-3968 Nov 09 j 17:23	3°♏58'03	
evening set	-3968 Nov 12 j 01:08	2°♏59'12	
	-3968 Nov 15 j 07:13	30°℞♎	
inferior conj	-3968 Nov 17 j 16:51	27°♎01'28	2°30'05
minimum elong	-3968 Nov 17 j 13:55	27°♎10'57	2°29'02
min. Earth dist.	-3968 Nov 18 j 21:08	25°♎30'05	0.66115 AU
morning rise	-3968 Nov 23 j 01:56	20°♎47'57	
direct	-3968 Nov 29 j 05:27	18°♎07'39	
morning max el	-3968 Dec 11 j 14:45	25°♎25'17	25°55'58
	-3968 Dec 15 j 19:54	0°♏	
desc. node	-3968 Dec 22 j 04:56	8°♏00'05	
	-3967 Jan 06 j 00:04	0°♐	
morning set	-3967 Jan 16 j 19:20	18°♐43'46	
max. Earth dist.	-3967 Jan 20 j 18:42	26°♐13'12	1.35778 AU
	-3967 Jan 22 j 17:20	0°♑	
superior conj	-3967 Jan 26 j 00:56	6°♑36'50	-1°-32'-7
minimum elong	-3967 Jan 26 j 04:05	6°♑52'43	1°31'56
evening rise	-3967 Feb 02 j 22:49	22°♑49'51	
asc. node	-3967 Feb 05 j 16:31	28°♑20'29	
	-3967 Feb 06 j 12:47	0°♒	
evening max el	-3967 Feb 21 j 02:55	22°♒05'09	20°13'38
retrograde	-3967 Mar 03 j 13:24	27°♒02'35	
evening set	-3967 Mar 05 j 20:53	26°♒49'03	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-3967 Mar 14 j 17:11	22°♒49'54	1°28'31
minimum elong	-3967 Mar 14 j 20:51	22°♒44'24	1°27'14
min. Earth dist.	-3967 Mar 16 j 13:13	21°♒44'18	0.55579 AU
desc. node	-3967 Mar 20 j 03:59	19°♒46'50	
morning rise	-3967 Mar 23 j 18:23	18°♒25'12	
direct	-3967 Mar 27 j 12:33	17°♒54'21	
morning max el	-3967 Apr 10 j 03:40	24°♒37'55	23°35'55
	-3967 Apr 15 j 01:29	0°♓	
	-3967 May 02 j 20:44	0°♈	
morning set	-3967 May 03 j 20:43	2°♈04'48	
asc. node	-3967 May 04 j 16:09	3°♈46'58	
superior conj	-3967 May 11 j 00:06	17°♈20'59	1°01'30
minimum elong	-3967 May 10 j 21:44	17°♈08'16	1°01'09
max. Earth dist.	-3967 May 13 j 03:26	21°♈54'31	1.33643 AU
	-3967 May 17 j 00:47	0°♉	
evening rise	-3967 May 18 j 14:03	3°♉07'56	
	-3967 Jun 02 j 14:11	0°♊	
desc. node	-3967 Jun 16 j 02:44	18°♊42'55	
evening max el	-3967 Jun 21 j 05:33	24°♊11'06	27°24'07
	-3967 Jun 28 j 22:56	0°♋	
retrograde	-3967 Jul 04 j 20:23	1°♋35'08	
	-3967 Jul 10 j 07:53	30°℞♊	
evening set	-3967 Jul 11 j 23:35	28°♊53'28	
min. Earth dist.	-3967 Jul 15 j 14:51	25°♊36'53	0.63842 AU
inferior conj	-3967 Jul 18 j 03:32	22°♊58'09	-3°-41'-35
minimum elong	-3967 Jul 18 j 07:12	22°♊48'32	3°40'41
morning rise	-3967 Jul 24 j 16:39	17°♊36'29	
direct	-3967 Jul 27 j 07:55	17°♊01'42	
asc. node	-3967 Jul 31 j 15:36	18°♊34'37	
morning max el	-3967 Aug 02 j 20:26	20°♊27'12	17°59'53
	-3967 Aug 10 j 00:22	0°♋	
morning set	-3967 Aug 20 j 00:10	16°♋50'53	
	-3967 Aug 27 j 17:13	0°♌	
superior conj	-3967 Sep 01 j 17:21	8°♌18'11	1°02'55
minimum elong	-3967 Sep 01 j 23:06	8°♌41'44	1°02'23
max. Earth dist.	-3967 Sep 07 j 07:13	17°♌19'49	1.44005 AU
desc. node	-3967 Sep 12 j 02:06	24°♌55'04	
	-3967 Sep 15 j 08:07	0°♍	
evening rise	-3967 Sep 17 j 22:19	4°♍01'06	
	-3967 Oct 05 j 05:21	0°♎	
greatest brilliancy	-3967 Oct 09 j 07:27	5°♎41'11	-0.5m
evening max el	-3967 Oct 15 j 14:55	13°♎19'14	20°28'46
retrograde	-3967 Oct 23 j 14:36	18°♎01'43	
evening set	-3967 Oct 27 j 07:53	16°♎41'46	
asc. node	-3967 Oct 27 j 14:30	16°♎29'26	
inferior conj	-3967 Nov 01 j 19:32	10°♎32'57	1°43'08
minimum elong	-3967 Nov 01 j 17:20	10°♎40'26	1°42'15
min. Earth dist.	-3967 Nov 02 j 11:47	9°♎38'04	0.66866 AU
morning rise	-3967 Nov 07 j 02:17	4°♎16'04	
direct	-3967 Nov 12 j 14:44	1°♎52'56	
morning max el	-3967 Nov 23 j 23:33	8°♎39'15	24°36'29
desc. node	-3967 Dec 09 j 01:56	27°♎31'31	
	-3967 Dec 10 j 19:20	0°♏	
morning set	-3967 Dec 29 j 22:15	0°♐33'06	
	-3967 Dec 29 j 14:41	0°♐	
max. Earth dist.	-3966 Jan 02 j 17:20	7°♐20'11	1.37620 AU
superior conj	-3966 Jan 09 j 10:17	19°♐57'06	-1°-47'-14
minimum elong	-3966 Jan 09 j 12:45	20°♐09'06	1°47'16
	-3966 Jan 14 j 12:42	0°♑	
evening rise	-3966 Jan 17 j 23:50	6°♑54'27	
asc. node	-3966 Jan 23 j 13:32	17°♑39'52	
	-3966 Jan 31 j 06:01	0°♒	
evening max el	-3966 Feb 03 j 20:10	4°♒04'12	19°12'47
retrograde	-3966 Feb 12 j 16:36	8°♒17'38	
evening set	-3966 Feb 15 j 01:01	8°♒01'04	
inferior conj	-3966 Feb 23 j 04:56	3°♒49'44	2°56'10
minimum elong	-3966 Feb 23 j 09:53	3°♒41'20	2°54'51
min. Earth dist.	-3966 Feb 26 j 04:17	1°♒49'15	0.56828 AU
	-3966 Mar 01 j 05:26	30°℞♑	
morning rise	-3966 Mar 03 j 14:57	28°♑54'33	
desc. node	-3966 Mar 07 j 01:05	28°♑02'46	
direct	-3966 Mar 08 j 14:16	27°♑57'06	
	-3966 Mar 15 j 22:06	0°♒	
morning max el	-3966 Mar 22 j 18:38	5°♒12'53	25°12'57
	-3966 Apr 09 j 14:36	0°♓	
morning set	-3966 Apr 18 j 08:56	17°♓07'20	
asc. node	-3966 Apr 21 j 13:08	23°♓53'46	
	-3966 Apr 24 j 08:34	0°♈	
superior conj	-3966 Apr 25 j 10:03	2°♈18'44	0°39'22
minimum elong	-3966 Apr 25 j 08:24	2°♈09'44	0°39'03
max. Earth dist.	-3966 Apr 26 j 12:11	4°♈40'37	1.32950 AU
evening rise	-3966 May 02 j 15:46	17°♈41'44	
	-3966 May 08 j 22:37	0°♉	
	-3966 May 28 j 07:05	0°♊	
desc. node	-3966 Jun 02 j 23:48	6°♊18'22	
evening max el	-3966 Jun 03 j 13:10	6°♊50'45	27°16'39
retrograde	-3966 Jun 17 j 10:37	14°♊14'08	
evening set	-3966 Jun 24 j 12:02	11°♊51'59	
min. Earth dist.	-3966 Jun 28 j 02:31	9°♊00'53	0.62054 AU
inferior conj	-3966 Jul 01 j 03:58	6°♊10'10	-4°-9'-29
minimum elong	-3966 Jul 01 j 06:27	6°♊04'21	4°09'04
morning rise	-3966 Jul 08 j 03:29	1°♊08'41	
direct	-3966 Jul 10 j 16:06	0°♊40'39	
morning max el	-3966 Jul 17 j 10:51	4°♊05'34	17°57'40
asc. node	-3966 Jul 18 j 12:40	5°♊12'46	
morning set	-3966 Aug 02 j 14:59	29°♊25'50	
	-3966 Aug 02 j 22:33	0°♋	
superior conj	-3966 Aug 13 j 14:00	18°♋52'10	1°31'36
minimum elong	-3966 Aug 13 j 18:42	19°♋12'21	1°31'23
	-3966 Aug 20 j 04:49	0°♌	
max. Earth dist.	-3966 Aug 20 j 18:57	0°♌57'59	1.42664 AU
evening rise	-3966 Aug 28 j 04:02	12°♌48'04	
desc. node	-3966 Aug 29 j 23:03	15°♌36'11	
	-3966 Sep 08 j 10:25	0°♍	
greatest brilliancy	-3966 Sep 23 j 13:01	21°♍03'49	-0.4m
evening max el	-3966 Sep 28 j 11:58	26°♍44'29	21°40'04
	-3966 Oct 02 j 04:41	0°♎	
retrograde	-3966 Oct 07 j 10:58	2°♎03'45	
evening set	-3966 Oct 11 j 15:54	0°♎26'08	
	-3966 Oct 12 j 04:29	30°℞♍	
asc. node	-3966 Oct 14 j 11:38	27°♍33'37	
inferior conj	-3966 Oct 17 j 01:07	24°♍09'55	0°52'12
minimum elong	-3966 Oct 16 j 23:56	24°♍14'00	0°51'44
min. Earth dist.	-3966 Oct 17 j 06:35	23°♍51'01	0.67299 AU
morning rise	-3966 Oct 22 j 07:41	17°♍52'31	
direct	-3966 Oct 27 j 04:50	15°♍50'16	
morning max el	-3966 Nov 06 j 09:14	21°♍55'10	23°10'09
greatest brilliancy	-3966 Nov 11 j 12:17	27°♍41'41	-0.3m
	-3966 Nov 13 j 08:40	0°♎	
desc. node	-3966 Nov 25 j 22:53	17°♎29'03	
	-3966 Dec 04 j 03:26	0°♏	
morning set	-3966 Dec 10 j 23:17	11°♏03'32	
max. Earth dist.	-3966 Dec 15 j 12:53	18°♏48'13	1.39677 AU
	-3966 Dec 21 j 20:09	0°♐	
superior conj	-3966 Dec 23 j 04:45	2°♐29'27	-1°-54'-35
minimum elong	-3966 Dec 23 j 05:14	2°♐31'44	1°54'44
evening rise	-3965 Jan 01 j 16:33	20°♐29'03	
	-3965 Jan 06 j 17:31	0°♑	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-3965 Jan 10 j 10:35	6°♑30'28	
evening max el	-3965 Jan 17 j 22:28	16°♑35'48	18°31'53
retrograde	-3965 Jan 25 j 13:51	20°♑19'43	
evening set	-3965 Jan 28 j 01:10	19°♑57'36	
inferior conj	-3965 Feb 04 j 12:49	15°♑26'44	3°46'11
minimum elong	-3965 Feb 04 j 15:45	15°♑20'55	3°45'38
min. Earth dist.	-3965 Feb 07 j 22:06	12°♑47'22	0.58631 AU
morning rise	-3965 Feb 12 j 02:45	10°♑05'34	
direct	-3965 Feb 18 j 05:31	8°♑30'16	
desc. node	-3965 Feb 21 j 22:11	9°♑04'14	
morning max el	-3965 Mar 04 j 11:51	16°♑02'51	26°33'59
	-3965 Mar 15 j 20:55	0°♒	
	-3965 Apr 01 j 19:38	0°♓	
morning set	-3965 Apr 02 j 19:59	2°♓06'22	
asc. node	-3965 Apr 08 j 10:06	14°♓06'22	
superior conj	-3965 Apr 09 j 21:39	17°♓20'49	0°15'26
minimum elong	-3965 Apr 09 j 20:58	17°♓17'07	0°15'14
behind sun begin	-3965 Apr 09 j 19:41	17°♓10'06	
behind sun end	-3965 Apr 09 j 22:15	17°♓24'07	
max. Earth dist.	-3965 Apr 10 j 00:58	17°♓39'00	1.32604 AU
	-3965 Apr 15 j 18:03	0°♈	
evening rise	-3965 Apr 16 j 22:56	2°♈31'35	
	-3965 May 01 j 21:52	0°♉	
evening max el	-3965 May 16 j 15:41	18°♉51'50	26°36'25
desc. node	-3965 May 20 j 20:54	22°♉25'05	
retrograde	-3965 May 30 j 17:14	26°♉11'29	
evening set	-3965 Jun 06 j 05:40	24°♉22'08	
min. Earth dist.	-3965 Jun 10 j 05:03	21°♉41'05	0.60043 AU
inferior conj	-3965 Jun 13 j 13:44	18°♉57'22	-4°-19'-13
minimum elong	-3965 Jun 13 j 13:37	18°♉57'35	4°19'06
morning rise	-3965 Jun 21 j 01:00	14°♉17'34	
direct	-3965 Jun 23 j 12:31	13°♉54'36	
morning max el	-3965 Jun 30 j 22:06	17°♉29'35	18°14'40
asc. node	-3965 Jul 05 j 09:43	22°♉52'16	
	-3965 Jul 09 j 21:40	0°♊	
morning set	-3965 Jul 16 j 21:32	12°♊47'50	
	-3965 Jul 26 j 02:55	0°♋	
superior conj	-3965 Jul 26 j 12:35	0°♋43'52	1°46'07
minimum elong	-3965 Jul 26 j 14:36	0°♋53'00	1°46'13
max. Earth dist.	-3965 Aug 03 j 01:05	13°♋56'47	1.40904 AU
evening rise	-3965 Aug 08 j 03:07	22°♋25'27	
	-3965 Aug 12 j 20:30	0°♌	
desc. node	-3965 Aug 16 j 20:02	6°♌10'42	
	-3965 Sep 02 j 12:04	0°♍	
greatest brilliancy	-3965 Sep 06 j 00:17	4°♍25'35	-0.3m
evening max el	-3965 Sep 11 j 03:28	10°♍10'30	22°59'00
retrograde	-3965 Sep 21 j 04:52	16°♍08'08	
evening set	-3965 Sep 25 j 23:25	14°♍11'04	
inferior conj	-3965 Oct 01 j 07:46	7°♍51'00	0°00'-51
minimum elong	-3965 Oct 01 j 07:47	7°♍50'57	0°00'47
transit middle	-3965 Oct 01 j 07:47	7°♍50'57	0°00'47
transit begin	-3965 Oct 01 j 05:05	8°♍00'14	
transit end	-3965 Oct 01 j 10:29	7°♍41'39	
min. Earth dist.	-3965 Oct 01 j 03:01	8°♍07'22	0.67434 AU
asc. node	-3965 Oct 01 j 08:46	7°♍47'31	
morning rise	-3965 Oct 06 j 16:06	1°♍36'19	
	-3965 Oct 10 j 00:44	30°℞♌	
direct	-3965 Oct 10 j 22:55	29°♌55'31	
	-3965 Oct 11 j 21:36	0°♍	
morning max el	-3965 Oct 19 j 23:01	5°♍15'51	21°45'51
greatest brilliancy	-3965 Oct 24 j 22:18	10°♍57'05	-0.4m
	-3965 Nov 07 j 15:49	0°♎	
desc. node	-3965 Nov 12 j 19:50	7°♎45'11	
morning set	-3965 Nov 20 j 19:38	20°♎11'09	
	-3965 Nov 26 j 21:01	0°♏	
max. Earth dist.	-3965 Nov 27 j 13:03	1°♏06'21	1.41682 AU
superior conj	-3965 Dec 05 j 02:56	14°♏00'15	-1°-50'-36
minimum elong	-3965 Dec 05 j 00:03	13°♏47'40	1°50'37
	-3965 Dec 14 j 00:44	0°♐	
evening rise	-3965 Dec 15 j 21:37	3°♐26'12	
asc. node	-3965 Dec 28 j 07:40	24°♐42'56	
evening max el	-3964 Jan 01 j 07:08	29°♐31'32	18°11'01
	-3964 Jan 01 j 19:03	0°♑	
retrograde	-3964 Jan 08 j 04:36	3°♑01'18	
evening set	-3964 Jan 10 j 18:43	2°♑32'24	
	-3964 Jan 14 j 23:39	30°℞♐	
inferior conj	-3964 Jan 17 j 16:24	27°♐39'17	4°02'51
minimum elong	-3964 Jan 17 j 16:33	27°♐38'58	4°02'41
min. Earth dist.	-3964 Jan 20 j 21:24	24°♐44'34	0.60643 AU
morning rise	-3964 Jan 24 j 11:40	21°♐59'34	
direct	-3964 Jan 31 j 07:44	19°♐47'11	
desc. node	-3964 Feb 08 j 19:17	22°♐46'48	
morning max el	-3964 Feb 14 j 10:52	27°♐27'24	27°26'08
	-3964 Feb 16 j 21:53	0°♑	
	-3964 Mar 08 j 10:24	0°♒	
morning set	-3964 Mar 17 j 04:00	16°♒54'20	
	-3964 Mar 23 j 07:28	0°♓	
max. Earth dist.	-3964 Mar 23 j 14:02	0°♓35'48	1.32603 AU
superior conj	-3964 Mar 24 j 09:10	2°♓20'11	0°-9'-31
minimum elong	-3964 Mar 24 j 09:36	2°♓22'33	0°09'33
behind sun begin	-3964 Mar 24 j 05:33	2°♓00'29	
behind sun end	-3964 Mar 24 j 13:38	2°♓44'38	
asc. node	-3964 Mar 25 j 07:04	4°♓19'55	
evening rise	-3964 Mar 31 j 09:16	17°♓28'34	
	-3964 Apr 06 j 15:16	0°♈	
	-3964 Apr 27 j 07:26	0°♉	
evening max el	-3964 Apr 27 j 11:59	0°♉10'55	25°26'51
desc. node	-3964 May 06 j 18:02	6°♉27'52	
retrograde	-3964 May 11 j 13:45	7°♉22'23	
evening set	-3964 May 17 j 01:31	6°♉11'32	
min. Earth dist.	-3964 May 22 j 00:22	3°♉23'54	0.58041 AU
inferior conj	-3964 May 25 j 05:13	1°♉09'06	-4°-1'-21
minimum elong	-3964 May 25 j 01:33	1°♉15'34	4°00'50
	-3964 May 26 j 21:04	30°℞♈	
morning rise	-3964 Jun 02 j 05:36	26°♈50'40	
direct	-3964 Jun 04 j 16:55	26°♈31'40	
	-3964 Jun 12 j 14:18	0°♉	
morning max el	-3964 Jun 13 j 03:13	0°♉29'21	18°51'48
asc. node	-3964 Jun 21 j 06:45	11°♉18'28	
morning set	-3964 Jun 29 j 15:24	26°♉44'55	
	-3964 Jul 01 j 07:12	0°♊	
superior conj	-3964 Jul 08 j 07:30	13°♊37'28	1°48'57
minimum elong	-3964 Jul 08 j 07:06	13°♊35'34	1°49'06
max. Earth dist.	-3964 Jul 15 j 03:26	26°♊14'17	1.38956 AU
	-3964 Jul 17 j 06:30	0°♋	
evening rise	-3964 Jul 19 j 04:04	3°♋17'27	
desc. node	-3964 Aug 02 j 17:03	26°♋33'57	
	-3964 Aug 05 j 00:59	0°♌	
evening max el	-3964 Aug 23 j 15:22	23°♌39'04	24°19'34
	-3964 Sep 02 j 02:26	0°♍	
retrograde	-3964 Sep 03 j 19:11	0°♍11'50	
	-3964 Sep 05 j 10:22	30°℞♌	
evening set	-3964 Sep 09 j 04:43	27°♌55'11	
min. Earth dist.	-3964 Sep 13 j 22:36	22°♌25'51	0.67263 AU
inferior conj	-3964 Sep 14 j 13:46	21°♌34'44	0°-54'-22
minimum elong	-3964 Sep 14 j 15:02	21°♌30'27	0°53'44
asc. node	-3964 Sep 17 j 05:54	18°♌08'45	
morning rise	-3964 Sep 20 j 01:36	15°♌25'57	
direct	-3964 Sep 23 j 19:46	14°♌05'08	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-3964 Oct 01 j 19:37	18°♌45'17	20°30'18	
greatest brilliancy	-3964 Oct 08 j 05:24	26°♌27'39	-0.5m	
	-3964 Oct 10 j 19:26	0°♍		
morning set	-3964 Oct 29 j 20:06	28°♍27'26		
desc. node	-3964 Oct 29 j 16:48	28°♍14'35		
	-3964 Oct 30 j 19:56	0°♎		
max. Earth dist.	-3964 Nov 08 j 21:12	14°♎19'22	1.43342 AU	
superior conj	-3964 Nov 14 j 23:25	24°♎16'51	-1°-31'-35	
minimum elong	-3964 Nov 14 j 17:05	23°♎50'36	1°31'06	
	-3964 Nov 18 j 09:26	0°♏		
evening rise	-3964 Nov 27 j 11:03	15°♏38'01		
	-3964 Dec 05 j 18:18	0°♐		
asc. node	-3964 Dec 14 j 04:46	12°♐05'47		
evening max el	-3964 Dec 14 j 19:10	12°♐43'19	18°09'39	
retrograde	-3964 Dec 21 j 08:52	16°♐12'07		
evening set	-3964 Dec 24 j 02:01	15°♐35'30		
inferior conj	-3964 Dec 30 j 12:27	10°♐20'54	3°55'04	
minimum elong	-3964 Dec 30 j 10:30	10°♐25'56	3°54'43	
min. Earth dist.	-3963 Jan 02 j 05:19	7°♐33'15	0.62565 AU	
morning rise	-3963 Jan 05 j 17:05	4°♐27'36		
direct	-3963 Jan 12 j 18:37	1°♐49'12		
desc. node	-3963 Jan 25 j 16:21	8°♐36'17		
morning max el	-3963 Jan 26 j 15:58	9°♐32'58	27°42'43	
	-3963 Feb 11 j 15:08	0°♑		
	-3963 Feb 28 j 14:13	0°♒		
morning set	-3963 Mar 01 j 06:53	1°♒23'53		
max. Earth dist.	-3963 Mar 06 j 23:37	13°♒17'34	1.32959 AU	
superior conj	-3963 Mar 08 j 18:58	17°♒11'00	0°-34'-37	
minimum elong	-3963 Mar 08 j 20:31	17°♒19'22	0°34'26	
asc. node	-3963 Mar 12 j 04:05	24°♒30'29		
	-3963 Mar 14 j 17:24	0°♓		
evening rise	-3963 Mar 15 j 20:56	2°♓25'48		
	-3963 Mar 31 j 02:19	0°♈		
evening max el	-3963 Apr 09 j 04:03	10°♈59'31	23°57'54	
retrograde	-3963 Apr 22 j 22:19	17°♈52'40		
desc. node	-3963 Apr 23 j 15:10	17°♈51'33		
evening set	-3963 Apr 27 j 02:18	17°♈14'12		
min. Earth dist.	-3963 May 03 j 15:33	14°♈06'16	0.56366 AU	
inferior conj	-3963 May 06 j 00:31	12°♈38'40	-3°-6'-2	
minimum elong	-3963 May 05 j 18:36	12°♈47'50	3°04'35	
morning rise	-3963 May 14 j 14:44	8°♈37'04		
direct	-3963 May 17 j 02:25	8°♈20'57		
morning max el	-3963 May 26 j 23:33	12°♈56'03	19°49'26	
	-3963 Jun 07 j 23:19	0°♉		
asc. node	-3963 Jun 08 j 03:45	0°♉20'18		
morning set	-3963 Jun 13 j 17:14	11°♉08'25		
superior conj	-3963 Jun 21 j 17:18	27°♉17'44	1°42'55	
minimum elong	-3963 Jun 21 j 15:21	27°♉08'05	1°42'56	
	-3963 Jun 23 j 02:08	0°♊		
max. Earth dist.	-3963 Jun 27 j 06:39	8°♊04'17	1.37074 AU	
evening rise	-3963 Jul 01 j 05:32	15°♊22'07		
	-3963 Jul 09 j 17:42	0°♋		
desc. node	-3963 Jul 20 j 14:06	16°♋40'00		
	-3963 Jul 30 j 14:35	0°♌		
evening max el	-3963 Aug 06 j 02:01	7°♌09'47	25°34'17	
retrograde	-3963 Aug 18 j 05:14	14°♌09'54		
evening set	-3963 Aug 24 j 05:52	11°♌36'05		
min. Earth dist.	-3963 Aug 28 j 14:52	6°♌43'51	0.66770 AU	
inferior conj	-3963 Aug 29 j 17:20	5°♌18'31	-1°-46'-45	
minimum elong	-3963 Aug 29 j 19:47	5°♌10'36	1°45'40	
	-3963 Sep 03 j 11:35	30°℞♋		
morning rise	-3963 Sep 04 j 10:17	29°♋18'50		
asc. node	-3963 Sep 04 j 03:01	29°♋30'58		
direct	-3963 Sep 07 j 17:53	28°♋15'07		
	-3963 Sep 12 j 06:29	0°♌		
morning max el	-3963 Sep 14 j 23:30	2°♌23'25	19°27'35	
greatest brilliancy	-3963 Sep 24 j 08:01	14°♌32'30	-0.7m	
	-3963 Oct 04 j 11:29	0°♍		
morning set	-3963 Oct 08 j 22:25	6°♍55'57		
desc. node	-3963 Oct 16 j 13:45	18°♍52'23		
max. Earth dist.	-3963 Oct 22 j 11:36	28°♍11'05	1.44435 AU	
	-3963 Oct 23 j 15:04	0°♎		
superior conj	-3963 Oct 25 j 16:43	3°♎17'37	0°-55'-49	
minimum elong	-3963 Oct 25 j 10:24	2°♎52'22	0°55'04	
evening rise	-3963 Nov 09 j 04:05	26°♎54'19		
	-3963 Nov 11 j 00:38	0°♏		
evening max el	-3963 Nov 28 j 07:44	26°♏03'50	18°27'00	
asc. node	-3963 Dec 01 j 01:53	28°♏24'12		
retrograde	-3963 Dec 04 j 22:07	29°♏42'18		
evening set	-3963 Dec 07 j 19:26	28°♏56'37		
inferior conj	-3963 Dec 13 j 21:02	23°♏22'55	3°30'29	
minimum elong	-3963 Dec 13 j 18:03	23°♏31'30	3°29'45	
min. Earth dist.	-3963 Dec 15 j 23:17	20°♏58'25	0.64217 AU	
morning rise	-3963 Dec 19 j 15:18	17°♏19'29		
direct	-3963 Dec 26 j 12:51	14°♏29'45		
morning max el	-3962 Jan 09 j 00:50	22°♏12'06	27°23'50	
desc. node	-3962 Jan 12 j 13:24	25°♏57'06		
	-3962 Jan 15 j 22:55	0°♐		
	-3962 Feb 04 j 18:59	0°♑		
morning set	-3962 Feb 13 j 01:51	15°♑25'10		
max. Earth dist.	-3962 Feb 18 j 01:30	25°♑30'00	1.33705 AU	
	-3962 Feb 20 j 05:05	0°♒		
superior conj	-3962 Feb 21 j 01:12	1°♒46'24	0°-58'-52	
minimum elong	-3962 Feb 21 j 03:42	1°♒59'41	0°58'35	
asc. node	-3962 Feb 27 j 01:07	14°♒33'19		
evening rise	-3962 Feb 28 j 08:03	17°♒16'10		
	-3962 Mar 06 j 17:24	0°♓		
evening max el	-3962 Mar 21 j 21:31	21°♓43'04	22°23'44	
retrograde	-3962 Apr 03 j 19:01	28°♓00'31		
evening set	-3962 Apr 06 j 18:56	27°♓40'44		
desc. node	-3962 Apr 10 j 12:16	26°♓26'39		
min. Earth dist.	-3962 Apr 15 j 05:40	24°♓00'05	0.55345 AU	
inferior conj	-3962 Apr 16 j 02:41	23°♓30'12	-1°-31'-32	
minimum elong	-3962 Apr 15 j 22:38	23°♓35'58	1°30'14	
morning rise	-3962 Apr 25 j 04:19	19°♓33'08		
direct	-3962 Apr 27 j 19:30	19°♓17'16		
morning max el	-3962 May 09 j 09:20	24°♓42'55	21°06'29	
	-3962 May 14 j 03:23	0°♈		
asc. node	-3962 May 26 j 00:45	19°♈49'08		
morning set	-3962 May 29 j 00:32	25°♈51'23		
	-3962 May 31 j 00:34	0°♉		
superior conj	-3962 Jun 05 j 13:38	11°♉32'09	1°30'22	
minimum elong	-3962 Jun 05 j 11:00	11°♉18'39	1°30'11	
max. Earth dist.	-3962 Jun 09 j 16:33	19°♉53'14	1.35454 AU	
evening rise	-3962 Jun 14 j 02:31	28°♉26'56		
	-3962 Jun 14 j 22:20	0°♊		
	-3962 Jul 02 j 23:05	0°♋		
desc. node	-3962 Jul 07 j 11:08	6°♋21'15		
evening max el	-3962 Jul 19 j 13:02	20°♋39'39	26°35'07	
retrograde	-3962 Aug 01 j 10:32	27°♋56'37		
evening set	-3962 Aug 08 j 00:42	25°♋11'42		
min. Earth dist.	-3962 Aug 12 j 01:37	20°♋58'02	0.65925 AU	
inferior conj	-3962 Aug 13 j 16:33	19°♋00'13	-2°-36'-5	
minimum elong	-3962 Aug 13 j 19:56	18°♋49'58	2°34'49	
morning rise	-3962 Aug 19 j 16:09	13°♋12'40		
asc. node	-3962 Aug 22 j 00:05	12°♋25'03		
direct	-3962 Aug 22 j 15:32	12°♋22'42		
morning max el	-3962 Aug 29 j 09:23	16°♋07'57	18°40'10	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3962 Sep 08 j 14:07	0°♌	
morning set	-3962 Sep 18 j 22:20	16°♌30'13	
	-3962 Sep 27 j 09:09	0°♍	
desc. node	-3962 Oct 03 j 10:43	9°♍35'23	
superior conj	-3962 Oct 04 j 17:15	11°♍35'42	0°-8'-4
minimum elong	-3962 Oct 04 j 16:11	11°♍31'31	0°07'54
behind sun begin	-3962 Oct 04 j 06:06	10°♍51'46	
behind sun end	-3962 Oct 05 j 02:17	12°♍11'16	
max. Earth dist.	-3962 Oct 05 j 05:01	12°♍22'02	1.44835 AU
	-3962 Oct 16 j 09:10	0°♎	
evening rise	-3962 Oct 20 j 20:48	7°♎07'41	
	-3962 Nov 04 j 10:44	0°♏	
evening max el	-3962 Nov 11 j 18:22	9°♏29'16	19°02'00
asc. node	-3962 Nov 17 j 22:59	13°♏23'17	
retrograde	-3962 Nov 18 j 16:38	13°♏26'20	
evening set	-3962 Nov 21 j 19:59	12°♏29'28	
inferior conj	-3962 Nov 27 j 14:47	6°♏39'44	2°54'30
minimum elong	-3962 Nov 27 j 11:39	6°♏49'31	2°53'30
min. Earth dist.	-3962 Nov 29 j 02:47	4°♏47'28	0.65527 AU
morning rise	-3962 Dec 03 j 02:21	0°♏29'01	
	-3962 Dec 03 j 16:15	30°℞♎	
direct	-3962 Dec 09 j 13:37	27°♎41'48	
	-3962 Dec 16 j 04:39	0°♏	
morning max el	-3962 Dec 22 j 10:34	5°♏12'41	26°34'38
desc. node	-3962 Dec 30 j 10:27	14°♏22'55	
	-3961 Jan 10 j 12:44	0°♐	
morning set	-3961 Jan 27 j 09:17	28°♐46'58	
	-3961 Jan 28 j 00:40	0°♑	
max. Earth dist.	-3961 Jan 31 j 16:18	7°♑06'15	1.34890 AU
superior conj	-3961 Feb 05 j 01:40	15°♑59'43	-1°-21'00
minimum elong	-3961 Feb 05 j 04:45	16°♑15'40	1°20'44
	-3961 Feb 11 j 18:55	0°♒	
evening rise	-3961 Feb 12 j 16:53	1°♒53'46	
asc. node	-3961 Feb 13 j 22:08	4°♒23'47	
	-3961 Mar 01 j 06:55	0°♓	
evening max el	-3961 Mar 03 j 22:32	2°♓47'53	20°56'56
retrograde	-3961 Mar 15 j 08:40	8°♓14'47	
evening set	-3961 Mar 17 j 18:14	8°♓01'16	
inferior conj	-3961 Mar 26 j 21:57	4°♓03'27	0°24'33
minimum elong	-3961 Mar 26 j 23:05	4°♓01'51	0°24'05
min. Earth dist.	-3961 Mar 27 j 19:57	3°♓32'02	0.55222 AU
desc. node	-3961 Mar 28 j 09:24	3°♓12'58	
	-3961 Apr 04 j 15:05	30°℞♒	
morning rise	-3961 Apr 05 j 02:46	29°♒52'52	
direct	-3961 Apr 08 j 07:29	29°♒30'35	
	-3961 Apr 11 j 21:58	0°♓	
morning max el	-3961 Apr 21 j 08:38	5°♓49'20	22°38'56
	-3961 May 08 j 01:52	0°♈	
asc. node	-3961 May 12 j 21:44	9°♈37'19	
morning set	-3961 May 13 j 11:08	10°♈46'51	
superior conj	-3961 May 20 j 17:09	26°♈09'45	1°13'05
minimum elong	-3961 May 20 j 14:32	25°♈55'54	1°12'45
	-3961 May 22 j 12:52	0°♉	
max. Earth dist.	-3961 May 23 j 12:21	2°♉02'26	1.34197 AU
evening rise	-3961 May 28 j 13:49	12°♉16'25	
	-3961 Jun 07 j 05:33	0°♊	
desc. node	-3961 Jun 24 j 08:11	25°♊26'32	
	-3961 Jun 28 j 04:23	0°♋	
evening max el	-3961 Jul 02 j 00:22	4°♋00'06	27°14'14
retrograde	-3961 Jul 15 j 10:30	11°♋23'35	
evening set	-3961 Jul 22 j 10:29	8°♋37'22	
min. Earth dist.	-3961 Jul 26 j 04:36	5°♋01'09	0.64707 AU
inferior conj	-3961 Jul 28 j 09:08	2°♋35'09	-3°-20'-2
minimum elong	-3961 Jul 28 j 12:56	2°♋24'35	3°18'55

	-3961 Jul 30 j 19:24	30°℞♊	
morning rise	-3961 Aug 03 j 16:53	27°♊02'55	
direct	-3961 Aug 06 j 10:26	26°♊23'23	
asc. node	-3961 Aug 08 j 21:09	26°♊54'55	
morning max el	-3961 Aug 12 j 23:00	29°♊53'55	18°09'28
	-3961 Aug 13 j 01:24	0°♋	
morning set	-3961 Aug 31 j 01:40	27°♋23'19	
	-3961 Sep 01 j 15:04	0°♌	
superior conj	-3961 Sep 13 j 22:39	20°♌11'55	0°39'50
minimum elong	-3961 Sep 14 j 03:10	20°♌30'02	0°39'22
max. Earth dist.	-3961 Sep 17 j 22:32	26°♌34'10	1.44508 AU
desc. node	-3961 Sep 20 j 07:39	0°♍19'55	
	-3961 Sep 20 j 02:36	0°♍	
evening rise	-3961 Sep 30 j 13:43	16°♍20'22	
	-3961 Oct 09 j 10:32	0°♎	
greatest brilliancy	-3961 Oct 18 j 10:56	13°♎23'17	-0.6m
evening max el	-3961 Oct 26 j 00:53	22°♎56'10	19°53'08
retrograde	-3961 Nov 02 j 13:31	27°♎19'45	
asc. node	-3961 Nov 04 j 20:04	26°♎49'45	
evening set	-3961 Nov 06 j 01:05	26°♎09'02	
inferior conj	-3961 Nov 11 j 14:53	20°♎06'27	2°10'48
minimum elong	-3961 Nov 11 j 12:13	20°♎15'18	2°09'47
min. Earth dist.	-3961 Nov 12 j 13:58	18°♎50'17	0.66476 AU
morning rise	-3961 Nov 16 j 22:41	13°♎51'11	
direct	-3961 Nov 22 j 20:03	11°♎17'07	
morning max el	-3961 Dec 04 j 19:28	18°♎23'04	25°23'33
	-3961 Dec 14 j 15:46	0°♏	
desc. node	-3961 Dec 17 j 07:29	3°♏34'30	
	-3960 Jan 03 j 13:34	0°♐	
morning set	-3960 Jan 10 j 00:20	11°♐15'01	
max. Earth dist.	-3960 Jan 13 j 19:38	18°♐15'47	1.36517 AU
superior conj	-3960 Jan 19 j 17:36	29°♐42'53	-1°-39'-18
minimum elong	-3960 Jan 19 j 20:36	29°♐57'47	1°39'12
	-3960 Jan 19 j 21:03	0°♑	
evening rise	-3960 Jan 27 j 21:26	16°♑12'38	
asc. node	-3960 Jan 31 j 19:09	23°♑56'38	
	-3960 Feb 04 j 01:27	0°♒	
evening max el	-3960 Feb 14 j 10:01	14°♒27'32	19°45'26
retrograde	-3960 Feb 24 j 03:17	19°♒04'09	
evening set	-3960 Feb 26 j 10:48	18°♒49'41	
inferior conj	-3960 Mar 06 j 00:29	14°♒47'06	2°10'02
minimum elong	-3960 Mar 06 j 05:13	14°♒39'40	2°08'31
min. Earth dist.	-3960 Mar 08 j 10:23	13°♒16'45	0.56025 AU
desc. node	-3960 Mar 14 j 06:31	10°♒21'01	
morning rise	-3960 Mar 14 j 20:20	10°♒09'38	
direct	-3960 Mar 19 j 02:43	9°♒29'02	
morning max el	-3960 Apr 02 j 00:49	16°♒28'28	24°18'02
	-3960 Apr 12 j 21:28	0°♓	
morning set	-3960 Apr 26 j 23:16	25°♓48'57	
asc. node	-3960 Apr 28 j 18:44	29°♓39'06	
	-3960 Apr 28 j 22:39	0°♈	
superior conj	-3960 May 04 j 01:22	11°♈02'26	0°52'25
minimum elong	-3960 May 03 j 23:16	10°♈51'03	0°52'03
max. Earth dist.	-3960 May 05 j 17:27	14°♈38'03	1.33311 AU
evening rise	-3960 May 11 j 11:18	26°♈37'43	
	-3960 May 13 j 03:47	0°♉	
	-3960 May 30 j 14:30	0°♊	
desc. node	-3960 Jun 10 j 05:13	13°♊40'39	
evening max el	-3960 Jun 13 j 10:18	16°♊59'03	27°24'58
retrograde	-3960 Jun 27 j 04:16	24°♊22'27	
evening set	-3960 Jul 04 j 07:50	21°♊47'42	
min. Earth dist.	-3960 Jul 07 j 22:08	18°♊43'10	0.63123 AU
inferior conj	-3960 Jul 10 j 16:25	15°♊57'47	-3°-55'-12
minimum elong	-3960 Jul 10 j 19:44	15°♊49'27	3°54'29

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-3960 Jul 17 j 09:45	10°♊44'02	
direct	-3960 Jul 19 j 23:42	10°♊12'17	
asc. node	-3960 Jul 25 j 18:14	12°♊50'28	
morning max el	-3960 Jul 26 j 13:51	13°♊36'25	17°56'34
	-3960 Aug 06 j 19:51	0°♋	
morning set	-3960 Aug 12 j 05:08	9°♋25'27	
superior conj	-3960 Aug 24 j 03:08	29°♋57'13	1°16'55
minimum elong	-3960 Aug 24 j 08:49	0°♌20'58	1°16'30
	-3960 Aug 24 j 03:48	0°♌	
max. Earth dist.	-3960 Aug 30 j 13:32	10°♌31'05	1.43505 AU
desc. node	-3960 Sep 06 j 04:35	21°♌02'57	
evening rise	-3960 Sep 08 j 17:57	25°♌02'01	
	-3960 Sep 11 j 23:18	0°♍	
greatest brilliancy	-3960 Oct 02 j 11:22	29°♍46'38	-0.5m
	-3960 Oct 02 j 15:30	0°♎	
evening max el	-3960 Oct 08 j 01:38	6°♎22'12	20°57'58
retrograde	-3960 Oct 16 j 10:30	11°♎19'17	
evening set	-3960 Oct 20 j 08:34	9°♎51'59	
asc. node	-3960 Oct 21 j 17:12	8°♎40'57	
inferior conj	-3960 Oct 25 j 19:01	3°♎39'48	1°21'53
minimum elong	-3960 Oct 25 j 17:12	3°♎45'58	1°21'09
min. Earth dist.	-3960 Oct 26 j 06:34	3°♎00'22	0.67089 AU
	-3960 Oct 28 j 13:44	30°℞♍	
morning rise	-3960 Oct 31 j 01:26	27°♍22'37	
direct	-3960 Nov 05 j 07:27	25°♍08'02	
	-3960 Nov 14 j 12:01	0°♎	
morning max el	-3960 Nov 16 j 04:09	1°♎36'54	24°00'06
desc. node	-3960 Dec 03 j 04:27	23°♎17'53	
	-3960 Dec 07 j 17:09	0°♏	
morning set	-3960 Dec 21 j 16:54	22°♏31'52	
max. Earth dist.	-3960 Dec 25 j 16:09	29°♏28'02	1.38483 AU
	-3960 Dec 25 j 23:20	0°♐	
superior conj	-3959 Jan 01 j 21:14	12°♐44'29	-1°-51'-30
minimum elong	-3959 Jan 01 j 23:03	12°♐53'06	1°51'36
evening rise	-3959 Jan 10 j 19:18	0°♑05'23	
	-3959 Jan 10 j 18:12	0°♑	
asc. node	-3959 Jan 17 j 16:12	13°♑04'49	
evening max el	-3959 Jan 27 j 07:27	26°♑41'18	18°52'55
	-3959 Feb 01 j 04:10	0°♒	
retrograde	-3959 Feb 04 j 13:59	0°♒40'09	
evening set	-3959 Feb 06 j 23:46	0°♒21'18	
	-3959 Feb 08 j 03:09	30°℞♑	
inferior conj	-3959 Feb 14 j 20:30	26°♑01'55	3°21'54
minimum elong	-3959 Feb 15 j 00:51	25°♑54'02	3°20'55
min. Earth dist.	-3959 Feb 18 j 02:00	23°♑42'45	0.57552 AU
morning rise	-3959 Feb 22 j 22:13	20°♑55'11	
direct	-3959 Feb 28 j 10:08	19°♑42'35	
desc. node	-3959 Mar 01 j 03:39	19°♑43'53	
morning max el	-3959 Mar 14 j 15:59	27°♑06'01	25°50'11
	-3959 Mar 17 j 11:07	0°♒	
	-3959 Apr 06 j 02:01	0°♓	
morning set	-3959 Apr 11 j 11:13	10°♓50'42	
asc. node	-3959 Apr 15 j 15:44	19°♓48'44	
superior conj	-3959 Apr 18 j 12:14	26°♓02'29	0°29'24
minimum elong	-3959 Apr 18 j 10:58	25°♓55'34	0°29'07
max. Earth dist.	-3959 Apr 19 j 04:35	27°♓31'41	1.32771 AU
	-3959 Apr 20 j 07:51	0°♈	
evening rise	-3959 Apr 25 j 15:40	11°♈19'18	
	-3959 May 05 j 09:37	0°♉	
evening max el	-3959 May 26 j 16:05	29°♉23'10	27°03'23
	-3959 May 27 j 07:45	0°♊	
desc. node	-3959 May 28 j 02:19	0°♊41'56	
retrograde	-3959 Jun 09 j 15:08	6°♊44'27	
evening set	-3959 Jun 16 j 12:44	4°♊34'56	

min. Earth dist.	-3959 Jun 20 j 05:35	1°♊50'20	0.61223 AU
	-3959 Jun 22 j 08:11	30°℞♉	
inferior conj	-3959 Jun 23 j 11:03	29°♉00'14	-4°-16'-21
minimum elong	-3959 Jun 23 j 12:37	28°♉56'47	4°16'06
morning rise	-3959 Jun 30 j 15:24	24°♉07'48	
direct	-3959 Jul 03 j 03:34	23°♉41'56	
morning max el	-3959 Jul 10 j 03:15	27°♉09'21	18°02'30
asc. node	-3959 Jul 12 j 15:18	29°♉56'17	
	-3959 Jul 12 j 16:29	0°♊	
morning set	-3959 Jul 26 j 03:16	22°♊22'02	
	-3959 Jul 30 j 06:58	0°♋	
superior conj	-3959 Aug 05 j 11:25	11°♋05'50	1°39'23
minimum elong	-3959 Aug 05 j 15:01	11°♋21'42	1°39'19
max. Earth dist.	-3959 Aug 12 j 23:29	23°♋55'40	1.41956 AU
	-3959 Aug 16 j 16:13	0°♌	
evening rise	-3959 Aug 19 j 05:14	4°♌05'11	
desc. node	-3959 Aug 24 j 01:31	11°♌41'35	
	-3959 Sep 05 j 08:31	0°♍	
greatest brilliancy	-3959 Sep 16 j 02:29	14°♍26'37	-0.3m
evening max el	-3959 Sep 20 j 20:09	19°♍47'25	22°13'02
retrograde	-3959 Sep 30 j 05:59	25°♍22'53	
evening set	-3959 Oct 04 j 16:36	23°♍36'51	
asc. node	-3959 Oct 08 j 14:19	19°♍17'44	
inferior conj	-3959 Oct 10 j 01:15	17°♍18'30	0°29'50
minimum elong	-3959 Oct 10 j 00:34	17°♍20'53	0°29'36
min. Earth dist.	-3959 Oct 10 j 02:16	17°♍15'00	0.67391 AU
morning rise	-3959 Oct 15 j 08:22	11°♍02'08	
direct	-3959 Oct 19 j 23:13	9°♍09'17	
morning max el	-3959 Oct 29 j 15:19	14°♍54'48	22°33'44
greatest brilliancy	-3959 Nov 03 j 08:08	20°♍12'24	-0.3m
	-3959 Nov 10 j 19:10	0°♎	
desc. node	-3959 Nov 20 j 01:24	13°♎24'03	
	-3959 Nov 30 j 17:38	0°♏	
morning set	-3959 Dec 02 j 05:39	2°♏25'59	
max. Earth dist.	-3959 Dec 07 j 13:31	11°♏17'23	1.40553 AU
superior conj	-3959 Dec 15 j 07:46	24°♏52'03	-1°-54'-30
minimum elong	-3959 Dec 15 j 06:59	24°♏48'27	1°54'39
	-3959 Dec 18 j 03:24	0°♐	
evening rise	-3959 Dec 25 j 07:32	13°♐25'07	
	-3958 Jan 03 j 12:07	0°♑	
asc. node	-3958 Jan 04 j 13:16	1°♑40'19	
evening max el	-3958 Jan 10 j 12:43	9°♑23'29	18°20'32
retrograde	-3958 Jan 17 j 19:19	13°♑00'03	
evening set	-3958 Jan 20 j 07:44	12°♑35'13	
inferior conj	-3958 Jan 27 j 13:05	7°♑54'39	3°56'47
minimum elong	-3958 Jan 27 j 14:48	7°♑51'00	3°56'29
min. Earth dist.	-3958 Jan 30 j 21:44	5°♑05'55	0.59479 AU
morning rise	-3958 Feb 03 j 18:39	2°♑24'32	
direct	-3958 Feb 10 j 05:57	0°♑32'59	
desc. node	-3958 Feb 16 j 00:46	1°♑56'34	
morning max el	-3958 Feb 24 j 11:40	8°♑09'28	27°00'17
	-3958 Mar 13 j 01:01	0°♒	
morning set	-3958 Mar 26 j 21:15	25°♒45'50	
	-3958 Mar 28 j 21:32	0°♓	
asc. node	-3958 Apr 02 j 12:43	10°♓01'58	
superior conj	-3958 Apr 03 j 00:00	11°♓03'45	0°04'56
minimum elong	-3958 Apr 02 j 23:48	11°♓02'34	0°04'49
behind sun begin	-3958 Apr 02 j 19:00	10°♓36'21	
behind sun end	-3958 Apr 03 j 04:35	11°♓28'46	
max. Earth dist.	-3958 Apr 02 j 18:03	10°♓31'08	1.32565 AU
evening rise	-3958 Apr 10 j 00:26	26°♓12'34	
	-3958 Apr 11 j 20:25	0°♈	
	-3958 Apr 29 j 06:10	0°♉	
evening max el	-3958 May 08 j 15:42	11°♉04'45	26°09'46

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-3958 May 14 j 23:27	16°♉00'18	
retrograde	-3958 May 22 j 17:47	18°♉22'10	
evening set	-3958 May 28 j 21:15	16°♉48'46	
min. Earth dist.	-3958 Jun 02 j 04:25	14°♉07'08	0.59175 AU
inferior conj	-3958 Jun 05 j 13:23	11°♉32'48	-4°-15'-37
minimum elong	-3958 Jun 05 j 11:48	11°♉35'51	4°15'27
morning rise	-3958 Jun 13 j 06:09	7°♉02'45	
direct	-3958 Jun 15 j 17:32	6°♉41'36	
morning max el	-3958 Jun 23 j 12:19	10°♉24'13	18°28'03
asc. node	-3958 Jun 29 j 12:20	17°♉56'50	
	-3958 Jul 06 j 11:19	0°♊	
morning set	-3958 Jul 09 j 15:04	5°♊59'44	
superior conj	-3958 Jul 18 j 19:24	23°♊26'01	1°48'35
minimum elong	-3958 Jul 18 j 20:18	23°♊30'11	1°48'44
	-3958 Jul 22 j 09:50	0°♋	
max. Earth dist.	-3958 Jul 26 j 03:29	6°♋35'37	1.40077 AU
evening rise	-3958 Jul 30 j 14:56	14°♋12'32	
	-3958 Aug 09 j 11:58	0°♌	
desc. node	-3958 Aug 10 j 22:31	2°♌11'40	
	-3958 Aug 31 j 09:22	0°♍	
evening max el	-3958 Sep 03 j 09:37	3°♍13'15	23°33'27
retrograde	-3958 Sep 13 j 22:36	9°♍27'12	
evening set	-3958 Sep 18 j 23:24	7°♍21'32	
inferior conj	-3958 Sep 24 j 07:49	1°♍00'35	0°-23'-36
minimum elong	-3958 Sep 24 j 08:22	0°♍58'43	0°23'17
min. Earth dist.	-3958 Sep 23 j 22:38	1°♍32'05	0.67395 AU
asc. node	-3958 Sep 25 j 11:27	29°♌26'54	
	-3958 Sep 25 j 01:36	30°℞♌	
morning rise	-3958 Sep 29 j 17:27	24°♌48'01	
direct	-3958 Oct 03 j 18:31	23°♌16'14	
morning max el	-3958 Oct 12 j 07:54	28°♌19'04	21°12'21
	-3958 Oct 13 j 21:41	0°♍	
greatest brilliancy	-3958 Oct 17 j 18:55	4°♍40'42	-0.5m
	-3958 Nov 04 j 11:11	0°♎	
desc. node	-3958 Nov 06 j 22:21	3°♎45'56	
morning set	-3958 Nov 11 j 15:30	11°♎05'02	
max. Earth dist.	-3958 Nov 19 j 16:39	23°♎57'55	1.42440 AU
	-3958 Nov 23 j 08:17	0°♏	
superior conj	-3958 Nov 26 j 19:29	5°♏51'23	-1°-44'-34
minimum elong	-3958 Nov 26 j 14:59	5°♏32'11	1°44'23
evening rise	-3958 Dec 08 j 06:27	26°♏03'23	
	-3958 Dec 10 j 10:59	0°♐	
asc. node	-3958 Dec 22 j 10:21	19°♐32'47	
evening max el	-3958 Dec 24 j 23:05	22°♐26'09	18°08'08
retrograde	-3958 Dec 31 j 16:19	25°♐54'17	
evening set	-3957 Jan 03 j 07:30	25°♐22'24	
inferior conj	-3957 Jan 10 j 00:06	20°♐20'10	4°02'03
minimum elong	-3957 Jan 09 j 23:14	20°♐22'16	4°01'51
min. Earth dist.	-3957 Jan 13 j 00:38	17°♐25'38	0.61478 AU
morning rise	-3957 Jan 16 j 12:34	14°♐33'52	
direct	-3957 Jan 23 j 12:14	12°♐08'28	
desc. node	-3957 Feb 02 j 21:52	16°♐37'01	
morning max el	-3957 Feb 06 j 13:34	19°♐51'45	27°37'43
	-3957 Feb 15 j 06:54	0°♑	
	-3957 Mar 05 j 20:21	0°♒	
morning set	-3957 Mar 11 j 03:25	10°♒27'16	
max. Earth dist.	-3957 Mar 17 j 06:00	23°♒22'47	1.32701 AU
superior conj	-3957 Mar 18 j 11:02	26°♒00'31	0°-20'-12
minimum elong	-3957 Mar 18 j 11:57	26°♒05'29	0°20'08
asc. node	-3957 Mar 20 j 09:44	0°♓14'57	
	-3957 Mar 20 j 06:59	0°♓	
evening rise	-3957 Mar 25 j 11:33	11°♓10'27	
	-3957 Apr 04 j 04:28	0°♈	
evening max el	-3957 Apr 20 j 09:40	22°♈08'53	24°50'38

desc. node	-3957 May 01 j 20:36	28°♈59'50	
retrograde	-3957 May 04 j 10:01	29°♈15'05	
evening set	-3957 May 09 j 08:22	28°♈19'28	
min. Earth dist.	-3957 May 14 j 21:53	25°♈24'25	0.57263 AU
inferior conj	-3957 May 17 j 20:25	23°♈27'39	-3°-42'-56
minimum elong	-3957 May 17 j 15:27	23°♈35'56	3°42'01
morning rise	-3957 May 26 j 02:43	19°♈17'23	
direct	-3957 May 28 j 13:49	18°♈59'57	
morning max el	-3957 Jun 06 j 14:08	23°♈12'03	19°13'48
	-3957 Jun 12 j 05:49	0°♉	
asc. node	-3957 Jun 16 j 09:21	6°♉39'47	
morning set	-3957 Jun 23 j 12:43	20°♉09'16	
	-3957 Jun 28 j 11:28	0°♊	
superior conj	-3957 Jul 01 j 21:18	6°♊41'43	1°47'19
minimum elong	-3957 Jul 01 j 20:08	6°♊36'04	1°47'26
max. Earth dist.	-3957 Jul 08 j 05:01	18°♊37'05	1.38134 AU
evening rise	-3957 Jul 12 j 02:54	25°♊37'26	
	-3957 Jul 14 j 15:35	0°♋	
desc. node	-3957 Jul 28 j 19:32	22°♋28'28	
	-3957 Aug 03 j 02:15	0°♌	
evening max el	-3957 Aug 16 j 20:41	16°♌42'50	24°52'30
retrograde	-3957 Aug 28 j 11:18	23°♌28'58	
evening set	-3957 Sep 03 j 03:11	21°♌04'43	
min. Earth dist.	-3957 Sep 07 j 17:14	15°♌50'34	0.67095 AU
inferior conj	-3957 Sep 08 j 13:01	14°♌44'53	-1°-16'-49
minimum elong	-3957 Sep 08 j 14:49	14°♌38'56	1°15'59
asc. node	-3957 Sep 12 j 08:34	10°♌08'35	
morning rise	-3957 Sep 14 j 02:50	8°♌39'17	
direct	-3957 Sep 17 j 16:10	7°♌26'09	
morning max el	-3957 Sep 25 j 07:35	11°♌52'03	20°01'44
greatest brilliancy	-3957 Oct 02 j 16:56	21°♌00'52	-0.6m
	-3957 Oct 08 j 22:04	0°♍	
morning set	-3957 Oct 21 j 13:35	19°♍17'06	
desc. node	-3957 Oct 24 j 19:17	24°♍19'02	
	-3957 Oct 28 j 10:20	0°♎	
max. Earth dist.	-3957 Nov 02 j 03:06	7°♎26'49	1.43887 AU
superior conj	-3957 Nov 07 j 04:02	15°♎34'09	-1°-18'-22
minimum elong	-3957 Nov 06 j 21:03	15°♎05'44	1°17'41
	-3957 Nov 15 j 20:51	0°♏	
evening rise	-3957 Nov 20 j 11:41	7°♏51'54	
	-3957 Dec 03 j 21:54	0°♐	
evening max el	-3957 Dec 08 j 11:40	5°♐42'07	18°14'54
asc. node	-3957 Dec 09 j 07:27	6°♐29'45	
retrograde	-3957 Dec 15 j 00:41	9°♐13'36	
evening set	-3957 Dec 17 j 19:27	8°♐33'21	
inferior conj	-3957 Dec 24 j 01:52	3°♐10'36	3°46'19
minimum elong	-3957 Dec 23 j 23:21	3°♐17'25	3°45'48
min. Earth dist.	-3957 Dec 26 j 12:45	0°♐31'01	0.63308 AU
	-3957 Dec 27 j 00:40	30°℞♏	
morning rise	-3957 Dec 30 j 01:36	27°♏12'48	
direct	-3956 Jan 06 j 02:36	24°♏27'19	
	-3956 Jan 17 j 11:47	0°♐	
morning max el	-3956 Jan 19 j 20:19	2°♐11'35	27°38'49
desc. node	-3956 Jan 20 j 18:56	3°♐08'35	
	-3956 Feb 09 j 12:48	0°♑	
morning set	-3956 Feb 23 j 03:16	24°♑45'39	
	-3956 Feb 25 j 17:09	0°♒	
max. Earth dist.	-3956 Feb 28 j 12:31	5°♒52'05	1.33216 AU
superior conj	-3956 Mar 01 j 19:32	10°♒45'31	0°-45'-5
minimum elong	-3956 Mar 01 j 21:31	10°♒56'09	0°44'50
asc. node	-3956 Mar 06 j 06:44	20°♒22'42	
evening rise	-3956 Mar 08 j 23:09	26°♒05'18	
	-3956 Mar 10 j 20:21	0°♓	
	-3956 Mar 29 j 07:25	0°♈	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-3956 Apr 01 j 01:44	2°♈52'39	23°17'52
retrograde	-3956 Apr 14 j 13:12	9°♈32'27	
desc. node	-3956 Apr 17 j 17:45	9°♈10'06	
evening set	-3956 Apr 18 j 03:52	9°♈03'56	
min. Earth dist.	-3956 Apr 25 j 12:37	5°♈43'47	0.55832 AU
inferior conj	-3956 Apr 27 j 07:44	4°♈40'12	-2°-30'-20
minimum elong	-3956 Apr 27 j 02:01	4°♈48'41	2°28'42
morning rise	-3956 May 06 j 03:19	0°♈42'01	
direct	-3956 May 08 j 15:47	0°♈26'27	
morning max el	-3956 May 19 j 06:04	5°♈22'20	20°19'51
asc. node	-3956 Jun 02 j 06:21	25°♈54'08	
	-3956 Jun 04 j 09:00	0°♉	
morning set	-3956 Jun 06 j 17:10	4°♉41'55	
superior conj	-3956 Jun 14 j 12:02	20°♉37'38	1°38'16
minimum elong	-3956 Jun 14 j 09:42	20°♉25'53	1°38'12
	-3956 Jun 19 j 05:38	0°♊	
max. Earth dist.	-3956 Jun 19 j 10:31	0°♊23'37	1.36353 AU
evening rise	-3956 Jun 23 j 13:22	8°♊09'49	
	-3956 Jul 06 j 08:43	0°♋	
desc. node	-3956 Jul 14 j 16:36	12°♋24'57	
	-3956 Jul 29 j 01:38	0°♌	
evening max el	-3956 Jul 29 j 07:38	0°♌14'44	26°02'21
retrograde	-3956 Aug 10 j 19:19	7°♌22'45	
evening set	-3956 Aug 17 j 01:55	4°♌43'38	
	-3956 Aug 21 j 09:55	30°℞♋	
min. Earth dist.	-3956 Aug 21 j 07:30	0°♌07'29	0.66459 AU
inferior conj	-3956 Aug 22 j 15:00	28°♋28'22	-2°-8'-8
minimum elong	-3956 Aug 22 j 17:53	28°♋19'15	2°06'58
morning rise	-3956 Aug 28 j 10:35	22°♋33'12	
asc. node	-3956 Aug 29 j 05:38	22°♋07'54	
direct	-3956 Aug 31 j 14:28	21°♋35'35	
morning max el	-3956 Sep 07 j 14:08	25°♋32'53	19°05'21
	-3956 Sep 11 j 09:04	0°♌	
morning set	-3956 Sep 29 j 23:31	28°♌09'46	
	-3956 Oct 01 j 03:31	0°♍	
desc. node	-3956 Oct 10 j 16:14	14°♍59'28	
max. Earth dist.	-3956 Oct 14 j 19:24	21°♍30'05	1.44700 AU
superior conj	-3956 Oct 16 j 12:08	24°♍11'01	0°-36'-25
minimum elong	-3956 Oct 16 j 07:33	23°♍52'51	0°35'50
	-3956 Oct 20 j 04:09	0°♎	
evening rise	-3956 Oct 31 j 18:42	18°♎42'13	
	-3956 Nov 07 j 16:47	0°♏	
evening max el	-3956 Nov 20 j 23:48	19°♏05'52	18°39'51
asc. node	-3956 Nov 25 j 04:32	22°♏16'41	
retrograde	-3956 Nov 27 j 16:30	22°♏50'48	
evening set	-3956 Nov 30 j 16:15	22°♏00'28	
inferior conj	-3956 Dec 06 j 14:43	16°♏19'36	3°16'21
minimum elong	-3956 Dec 06 j 11:35	16°♏28'59	3°15'28
min. Earth dist.	-3956 Dec 08 j 10:45	14°♏08'16	0.64823 AU
morning rise	-3956 Dec 12 j 05:46	10°♏13'02	
direct	-3956 Dec 18 j 23:39	7°♏22'56	
morning max el	-3955 Jan 01 j 05:41	15°♏00'59	27°06'12
desc. node	-3955 Jan 06 j 15:57	20°♏59'53	
	-3955 Jan 13 j 14:03	0°♐	
	-3955 Feb 01 j 05:03	0°♑	
morning set	-3955 Feb 05 j 17:46	8°♑31'22	
max. Earth dist.	-3955 Feb 10 j 10:02	17°♑49'31	1.34155 AU
superior conj	-3955 Feb 13 j 23:36	25°♑12'28	-1°-8'-36
minimum elong	-3955 Feb 14 j 02:25	25°♑27'14	1°08'18
	-3955 Feb 16 j 06:07	0°♒	
evening rise	-3955 Feb 21 j 09:32	10°♒51'07	
asc. node	-3955 Feb 21 j 03:45	10°♒20'58	
	-3955 Mar 03 j 11:19	0°♓	
evening max el	-3955 Mar 13 j 21:49	13°♓42'26	21°45'21
retrograde	-3955 Mar 26 j 05:14	19°♓38'57	
evening set	-3955 Mar 28 j 21:32	19°♓22'53	
desc. node	-3955 Apr 04 j 14:52	16°♓46'01	
inferior conj	-3955 Apr 07 j 05:13	15°♓20'02	0°-43'-9
minimum elong	-3955 Apr 07 j 03:13	15°♓22'51	0°42'31
min. Earth dist.	-3955 Apr 07 j 02:24	15°♓24'00	0.55181 AU
morning rise	-3955 Apr 16 j 09:35	11°♓19'43	
direct	-3955 Apr 19 j 05:18	11°♓02'04	
morning max el	-3955 May 01 j 11:00	16°♓50'19	21°44'18
	-3955 May 11 j 16:36	0°♈	
asc. node	-3955 May 20 j 03:21	15°♈31'55	
morning set	-3955 May 22 j 02:06	19°♈30'56	
	-3955 May 27 j 02:03	0°♉	
superior conj	-3955 May 29 j 11:44	5°♉02'40	1°23'31
minimum elong	-3955 May 29 j 09:03	4°♉48'38	1°23'16
max. Earth dist.	-3955 Jun 02 j 00:51	12°♉20'53	1.34880 AU
evening rise	-3955 Jun 06 j 17:00	21°♉34'59	
	-3955 Jun 11 j 05:14	0°♊	
	-3955 Jun 30 j 04:00	0°♋	
desc. node	-3955 Jul 01 j 13:38	1°♋52'18	
evening max el	-3955 Jul 11 j 19:00	13°♋42'07	26°54'47
retrograde	-3955 Jul 24 j 22:09	21°♋02'00	
evening set	-3955 Jul 31 j 17:14	18°♋15'08	
min. Earth dist.	-3955 Aug 04 j 15:05	14°♋17'55	0.65462 AU
inferior conj	-3955 Aug 06 j 11:41	12°♋07'33	-2°-55'-34
minimum elong	-3955 Aug 06 j 15:20	11°♋56'53	2°54'19
morning rise	-3955 Aug 12 j 14:35	6°♋26'11	
direct	-3955 Aug 15 j 11:18	5°♋40'54	
asc. node	-3955 Aug 16 j 02:43	5°♋43'10	
morning max el	-3955 Aug 22 j 01:54	9°♋18'26	18°24'58
	-3955 Sep 05 j 09:18	0°♌	
morning set	-3955 Sep 10 j 11:08	8°♌18'06	
	-3955 Sep 23 j 22:22	0°♍	
superior conj	-3955 Sep 25 j 11:45	2°♍28'07	0°13'03
minimum elong	-3955 Sep 25 j 13:26	2°♍34'47	0°12'55
behind sun begin	-3955 Sep 25 j 06:31	2°♍07'23	
behind sun end	-3955 Sep 25 j 20:22	3°♍02'10	
max. Earth dist.	-3955 Sep 27 j 13:51	5°♍46'00	1.44788 AU
desc. node	-3955 Sep 27 j 13:09	5°♍43'15	
evening rise	-3955 Oct 12 j 00:46	28°♍28'33	
	-3955 Oct 13 j 00:04	0°♎	
greatest brilliancy	-3955 Oct 25 j 16:01	19°♎39'22	-0.7m
	-3955 Nov 02 j 03:01	0°♏	
evening max el	-3955 Nov 04 j 08:54	2°♏32'01	19°21'51
retrograde	-3955 Nov 11 j 12:25	6°♏39'27	
asc. node	-3955 Nov 12 j 01:38	6°♏37'42	
evening set	-3955 Nov 14 j 19:02	5°♏36'51	
inferior conj	-3955 Nov 20 j 11:29	29°♎40'58	2°36'41
minimum elong	-3955 Nov 20 j 08:28	29°♎50'36	2°35'40
	-3955 Nov 20 j 05:32	30°℞♎	
min. Earth dist.	-3955 Nov 21 j 17:40	28°♎04'12	0.65975 AU
morning rise	-3955 Nov 25 j 21:07	23°♎28'04	
direct	-3955 Dec 02 j 02:41	20°♎45'46	
morning max el	-3955 Dec 14 j 15:17	28°♎07'19	26°06'34
	-3955 Dec 16 j 10:40	0°♏	
desc. node	-3955 Dec 24 j 12:58	9°♏46'53	
	-3954 Jan 07 j 07:41	0°♐	
morning set	-3954 Jan 19 j 18:51	21°♐31'40	
max. Earth dist.	-3954 Jan 23 j 20:03	29°♐13'11	1.35538 AU
	-3954 Jan 24 j 05:41	0°♑	
superior conj	-3954 Jan 28 j 20:46	9°♑13'27	-1°-29'-21
minimum elong	-3954 Jan 28 j 23:55	9°♑29'30	1°29'09
evening rise	-3954 Feb 05 j 16:47	25°♑21'18	
	-3954 Feb 07 j 23:52	0°♒	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-3954 Feb 08 j 00:46	0°♒04'30	
evening max el	-3954 Feb 24 j 02:55	24°♒59'56	20°24'14
	-3954 Mar 05 j 10:06	0°♓	
retrograde	-3954 Mar 06 j 19:39	0°♓05'03	
	-3954 Mar 08 j 05:41	30°℞♒	
evening set	-3954 Mar 09 j 03:18	29°♒51'43	
inferior conj	-3954 Mar 18 j 01:45	25°♒53'19	1°12'30
minimum elong	-3954 Mar 18 j 04:52	25°♒48'44	1°11'21
min. Earth dist.	-3954 Mar 19 j 16:25	24°♒56'27	0.55456 AU
desc. node	-3954 Mar 22 j 11:58	23°♒23'11	
morning rise	-3954 Mar 27 j 04:16	21°♒32'37	
direct	-3954 Mar 30 j 18:31	21°♒04'29	
morning max el	-3954 Apr 13 j 06:40	27°♒42'12	23°21'12
	-3954 Apr 15 j 12:54	0°♓	
	-3954 May 04 j 09:12	0°♈	
morning set	-3954 May 06 j 13:35	4°♈30'02	
asc. node	-3954 May 07 j 00:22	5°♈26'34	
superior conj	-3954 May 13 j 17:32	19°♈47'39	1°04'40
minimum elong	-3954 May 13 j 15:05	19°♈34'33	1°04'18
max. Earth dist.	-3954 May 16 j 00:52	24°♈41'25	1.33768 AU
	-3954 May 18 j 14:02	0°♉	
evening rise	-3954 May 21 j 09:03	5°♉39'08	
	-3954 Jun 03 j 20:39	0°♊	
desc. node	-3954 Jun 18 j 10:41	20°♊38'22	
evening max el	-3954 Jun 24 j 05:49	26°♊54'40	27°22'32
	-3954 Jun 27 j 18:34	0°♋	
retrograde	-3954 Jul 07 j 19:36	4°♋19'01	
evening set	-3954 Jul 14 j 22:14	1°♋35'36	
	-3954 Jul 16 j 19:13	30°℞♊	
min. Earth dist.	-3954 Jul 18 j 14:03	28°♊14'17	0.64077 AU
inferior conj	-3954 Jul 21 j 00:42	25°♊38'21	-3°-36'-19
minimum elong	-3954 Jul 21 j 04:26	25°♊28'23	3°35'20
morning rise	-3954 Jul 27 j 12:23	20°♊13'58	
direct	-3954 Jul 30 j 04:09	19°♊38'06	
asc. node	-3954 Aug 02 j 23:48	20°♊51'47	
morning max el	-3954 Aug 05 j 16:30	23°♊04'37	18°01'49
	-3954 Aug 11 j 03:26	0°♋	
morning set	-3954 Aug 23 j 01:26	19°♋42'56	
	-3954 Aug 29 j 02:42	0°♌	
superior conj	-3954 Sep 05 j 01:42	11°♌30'50	0°57'17
minimum elong	-3954 Sep 05 j 07:17	11°♌53'33	0°56'45
max. Earth dist.	-3954 Sep 10 j 06:42	19°♌54'25	1.44157 AU
desc. node	-3954 Sep 14 j 10:05	26°♌27'50	
	-3954 Sep 16 j 16:13	0°♍	
evening rise	-3954 Sep 21 j 10:21	7°♍23'17	
	-3954 Oct 06 j 08:48	0°♎	
greatest brilliancy	-3954 Oct 11 j 22:33	7°♎54'35	-0.6m
evening max el	-3954 Oct 18 j 13:01	15°♎58'30	20°19'06
retrograde	-3954 Oct 26 j 09:44	20°♎36'03	
asc. node	-3954 Oct 29 j 22:45	19°♎23'19	
evening set	-3954 Oct 30 j 01:26	19°♎18'38	
inferior conj	-3954 Nov 04 j 13:36	13°♎11'17	1°50'31
minimum elong	-3954 Nov 04 j 11:15	13°♎19'11	1°49'37
min. Earth dist.	-3954 Nov 05 j 07:35	12°♎10'50	0.66777 AU
morning rise	-3954 Nov 09 j 20:31	6°♎54'37	
direct	-3954 Nov 15 j 11:17	4°♎28'29	
morning max el	-3954 Nov 27 j 00:07	11°♎20'30	24°48'54
desc. node	-3954 Dec 11 j 09:58	29°♎13'18	
	-3954 Dec 11 j 23:11	0°♏	
	-3954 Dec 31 j 00:44	0°♐	
morning set	-3953 Jan 02 j 01:07	3°♐31'34	
max. Earth dist.	-3953 Jan 05 j 19:39	10°♐19'20	1.37325 AU
superior conj	-3953 Jan 12 j 07:56	22°♐39'54	-1°-45'-23
minimum elong	-3953 Jan 12 j 10:35	22°♐52'51	1°45'24
	-3953 Jan 16 j 01:03	0°♑	
evening rise	-3953 Jan 20 j 18:48	9°♑29'42	
asc. node	-3953 Jan 25 j 21:48	19°♑27'41	
	-3953 Feb 01 j 03:22	0°♒	
evening max el	-3953 Feb 06 j 18:46	6°♒54'13	19°20'37
retrograde	-3953 Feb 15 j 20:23	11°♒13'11	
evening set	-3953 Feb 18 j 04:25	10°♒57'17	
inferior conj	-3953 Feb 26 j 10:55	6°♒48'38	2°45'16
minimum elong	-3953 Feb 26 j 15:55	6°♒40'17	2°43'52
min. Earth dist.	-3953 Mar 01 j 07:25	4°♒55'23	0.56598 AU
morning rise	-3953 Mar 06 j 23:40	1°♒57'50	
desc. node	-3953 Mar 09 j 09:07	1°♒18'29	
direct	-3953 Mar 11 j 18:35	1°♒05'07	
morning max el	-3953 Mar 25 j 21:47	8°♒17'32	24°59'09
	-3953 Apr 10 j 22:15	0°♓	
morning set	-3953 Apr 21 j 01:49	19°♓32'31	
asc. node	-3953 Apr 23 j 21:21	25°♓32'12	
	-3953 Apr 25 j 22:48	0°♈	
superior conj	-3953 Apr 28 j 03:06	4°♈44'19	0°42'54
minimum elong	-3953 Apr 28 j 01:19	4°♈34'38	0°42'32
max. Earth dist.	-3953 Apr 29 j 08:42	7°♈24'39	1.33027 AU
evening rise	-3953 May 05 j 09:46	20°♈10'00	
	-3953 May 10 j 09:30	0°♉	
	-3953 May 29 j 02:20	0°♊	
desc. node	-3953 Jun 05 j 07:48	8°♊24'54	
evening max el	-3953 Jun 06 j 14:08	9°♊39'44	27°19'56
retrograde	-3953 Jun 20 j 10:56	17°♊03'26	
evening set	-3953 Jun 27 j 13:10	14°♊37'35	
min. Earth dist.	-3953 Jul 01 j 03:20	11°♊43'24	0.62335 AU
inferior conj	-3953 Jul 04 j 03:01	8°♊53'30	-4°-6'-20
minimum elong	-3953 Jul 04 j 05:47	8°♊46'55	4°05'50
morning rise	-3953 Jul 11 j 00:54	3°♊48'43	
direct	-3953 Jul 13 j 13:44	3°♊19'49	
morning max el	-3953 Jul 20 j 07:08	6°♊44'24	17°56'48
asc. node	-3953 Jul 20 j 20:52	7°♊19'15	
	-3953 Aug 04 j 08:34	0°♋	
morning set	-3953 Aug 05 j 13:33	2°♋10'04	
superior conj	-3953 Aug 16 j 18:12	21°♋52'27	1°28'13
minimum elong	-3953 Aug 16 j 23:14	22°♋13'54	1°27'55
	-3953 Aug 21 j 14:16	0°♌	
max. Earth dist.	-3953 Aug 23 j 19:15	3°♌37'40	1.42899 AU
evening rise	-3953 Aug 31 j 15:04	16°♌07'22	
desc. node	-3953 Sep 01 j 07:03	17°♌09'43	
	-3953 Sep 09 j 16:36	0°♍	
greatest brilliancy	-3953 Sep 26 j 09:02	23°♍32'31	-0.4m
evening max el	-3953 Oct 01 j 11:05	29°♍24'19	21°28'53
	-3953 Oct 02 j 01:21	0°♎	
retrograde	-3953 Oct 10 j 06:20	4°♎37'42	
evening set	-3953 Oct 14 j 09:24	3°♎02'53	
asc. node	-3953 Oct 16 j 19:52	0°♎39'15	
	-3953 Oct 17 j 08:56	30°℞♍	
inferior conj	-3953 Oct 19 j 18:54	26°♍47'39	1°00'06
minimum elong	-3953 Oct 19 j 17:32	26°♍52'20	0°59'34
min. Earth dist.	-3953 Oct 20 j 01:57	26°♍23'22	0.67256 AU
morning rise	-3953 Oct 25 j 01:22	20°♍30'12	
direct	-3953 Oct 30 j 00:49	18°♍24'35	
morning max el	-3953 Nov 09 j 09:26	24°♍35'53	23°23'03
	-3953 Nov 14 j 05:20	0°♎	
greatest brilliancy	-3953 Nov 15 j 00:51	0°♎59'32	-0.2m
desc. node	-3953 Nov 28 j 06:56	19°♎07'35	
	-3953 Dec 05 j 11:02	0°♏	
morning set	-3953 Dec 14 j 06:24	14°♏14'48	
max. Earth dist.	-3953 Dec 18 j 15:05	21°♏42'06	1.39365 AU
	-3953 Dec 23 j 07:07	0°♐	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-3953 Dec 26 j 05:00	5°♐20'49	-1°-54'-7
minimum elong	-3953 Dec 26 j 05:54	5°♐24'57	1°54'17
evening rise	-3952 Jan 04 j 12:59	23°♐09'38	
	-3952 Jan 08 j 02:53	0°♑	
asc. node	-3952 Jan 12 j 18:52	8°♑23'30	
evening max el	-3952 Jan 20 j 20:01	19°♑22'17	18°36'45
retrograde	-3952 Jan 28 j 14:53	23°♑09'25	
evening set	-3952 Jan 31 j 01:52	22°♑48'09	
inferior conj	-3952 Feb 07 j 15:48	18°♑20'26	3°40'52
minimum elong	-3952 Feb 07 j 19:09	18°♑13'57	3°40'14
min. Earth dist.	-3952 Feb 11 j 00:38	15°♑45'37	0.58344 AU
morning rise	-3952 Feb 15 j 08:48	13°♑02'51	
direct	-3952 Feb 21 j 08:05	11°♑33'28	
desc. node	-3952 Feb 24 j 06:15	11°♑54'38	
morning max el	-3952 Mar 06 j 14:20	19°♑03'53	26°23'25
	-3952 Mar 15 j 20:06	0°♒	
	-3952 Apr 02 j 08:16	0°♓	
morning set	-3952 Apr 04 j 13:10	4°♓32'35	
asc. node	-3952 Apr 09 j 18:22	15°♓44'24	
superior conj	-3952 Apr 11 j 14:35	19°♓46'14	0°19'09
minimum elong	-3952 Apr 11 j 13:45	19°♓41'38	0°18'56
max. Earth dist.	-3952 Apr 11 j 21:12	20°♓22'24	1.32640 AU
	-3952 Apr 16 j 07:45	0°♈	
evening rise	-3952 Apr 18 j 16:19	4°♈58'13	
	-3952 May 02 j 02:57	0°♉	
evening max el	-3952 May 18 j 17:37	21°♉46'57	26°44'23
desc. node	-3952 May 22 j 04:54	24°♉46'51	
retrograde	-3952 Jun 01 j 18:34	29°♉06'51	
evening set	-3952 Jun 08 j 09:46	27°♉12'07	
min. Earth dist.	-3952 Jun 12 j 07:08	24°♉30'36	0.60352 AU
inferior conj	-3952 Jun 15 j 15:11	21°♉44'41	-4°-19'-19
minimum elong	-3952 Jun 15 j 15:33	21°♉43'54	4°19'12
morning rise	-3952 Jun 23 j 00:36	17°♉01'28	
direct	-3952 Jun 25 j 12:17	16°♉37'46	
morning max el	-3952 Jul 02 j 18:59	20°♉10'26	18°10'53
asc. node	-3952 Jul 06 j 17:56	24°♉49'58	
	-3952 Jul 10 j 03:49	0°♊	
morning set	-3952 Jul 18 j 18:02	15°♊25'32	
	-3952 Jul 26 j 14:09	0°♋	
superior conj	-3952 Jul 28 j 13:12	3°♋32'55	1°44'45
minimum elong	-3952 Jul 28 j 15:38	3°♋43'52	1°44'48
max. Earth dist.	-3952 Aug 05 j 02:22	16°♋43'12	1.41186 AU
evening rise	-3952 Aug 10 j 10:42	25°♋34'37	
	-3952 Aug 13 j 04:48	0°♌	
desc. node	-3952 Aug 18 j 04:02	7°♌45'27	
	-3952 Sep 02 j 12:33	0°♍	
greatest brilliancy	-3952 Sep 08 j 05:58	7°♍21'39	-0.3m
evening max el	-3952 Sep 13 j 03:22	12°♍50'19	22°47'01
retrograde	-3952 Sep 23 j 00:38	18°♍42'02	
evening set	-3952 Sep 27 j 17:07	16°♍47'52	
asc. node	-3952 Oct 02 j 17:00	10°♍57'31	
inferior conj	-3952 Oct 03 j 01:30	10°♍28'14	0°07'17
minimum elong	-3952 Oct 03 j 01:19	10°♍28'49	0°07'16
transit middle	-3952 Oct 03 j 01:19	10°♍28'49	0°07'16
transit begin	-3952 Oct 02 j 22:54	10°♍37'10	
transit end	-3952 Oct 03 j 03:44	10°♍20'29	
min. Earth dist.	-3952 Oct 02 j 22:15	10°♍39'26	0.67433 AU
morning rise	-3952 Oct 08 j 09:27	4°♍13'04	
direct	-3952 Oct 12 j 18:21	2°♍29'09	
morning max el	-3952 Oct 21 j 22:24	7°♍55'39	21°58'02
greatest brilliancy	-3952 Oct 26 j 18:39	13°♍26'27	-0.4m
	-3952 Nov 07 j 20:57	0°♎	
desc. node	-3952 Nov 14 j 03:53	9°♎21'22	
morning set	-3952 Nov 23 j 06:52	23°♎33'53	
	-3952 Nov 27 j 06:11	0°♏	
max. Earth dist.	-3952 Nov 29 j 14:32	3°♏53'01	1.41399 AU
superior conj	-3952 Dec 07 j 06:36	17°♏01'47	-1°-52'-7
minimum elong	-3952 Dec 07 j 04:18	16°♏51'36	1°52'10
	-3952 Dec 14 j 11:17	0°♐	
evening rise	-3952 Dec 17 j 20:03	6°♐12'58	
asc. node	-3952 Dec 29 j 15:57	26°♐42'21	
	-3951 Jan 01 j 03:01	0°♑	
evening max el	-3951 Jan 03 j 03:52	2°♑14'44	18°12'51
retrograde	-3951 Jan 10 j 03:20	5°♑45'48	
evening set	-3951 Jan 12 j 17:03	5°♑17'56	
inferior conj	-3951 Jan 19 j 16:37	0°♑27'58	4°02'05
minimum elong	-3951 Jan 19 j 17:09	0°♑26'46	4°01'54
	-3951 Jan 20 j 05:03	30°℞♐	
min. Earth dist.	-3951 Jan 22 j 22:48	27°♐34'10	0.60344 AU
morning rise	-3951 Jan 26 j 14:27	24°♐50'38	
direct	-3951 Feb 02 j 08:37	22°♐43'29	
desc. node	-3951 Feb 10 j 03:20	25°♐14'43	
	-3951 Feb 16 j 03:06	0°♑	
morning max el	-3951 Feb 16 j 12:26	0°♑22'33	27°20'32
	-3951 Mar 09 j 19:11	0°♒	
morning set	-3951 Mar 19 j 21:46	19°♒22'40	
	-3951 Mar 24 j 21:42	0°♓	
max. Earth dist.	-3951 Mar 26 j 10:35	3°♓20'45	1.32587 AU
superior conj	-3951 Mar 27 j 02:14	4°♓46'15	0°-5'-43
minimum elong	-3951 Mar 27 j 02:29	4°♓47'40	0°05'45
behind sun begin	-3951 Mar 26 j 21:47	4°♓21'56	
behind sun end	-3951 Mar 27 j 07:11	5°♓13'24	
asc. node	-3951 Mar 27 j 15:22	5°♓58'07	
evening rise	-3951 Apr 03 j 02:20	19°♓54'32	
	-3951 Apr 08 j 01:57	0°♈	
	-3951 Apr 27 j 12:52	0°♉	
evening max el	-3951 Apr 30 j 14:45	3°♉11'35	25°38'36
desc. node	-3951 May 09 j 02:03	9°♉10'44	
retrograde	-3951 May 14 j 16:40	10°♉24'36	
evening set	-3951 May 20 j 08:52	9°♉08'00	
min. Earth dist.	-3951 May 25 j 03:08	6°♉22'26	0.58330 AU
inferior conj	-3951 May 28 j 09:33	4°♉02'00	-4°-6'-17
minimum elong	-3951 May 28 j 06:25	4°♉07'39	4°05'53
	-3951 Jun 04 j 06:51	30°℞♈	
morning rise	-3951 Jun 05 j 07:55	29°♈40'41	
direct	-3951 Jun 07 j 19:20	29°♈21'05	
	-3951 Jun 11 j 04:34	0°♉	
morning max el	-3951 Jun 16 j 01:10	3°♉14'18	18°45'01
asc. node	-3951 Jun 23 j 14:58	13°♉09'48	
morning set	-3951 Jul 02 j 10:25	29°♉17'54	
	-3951 Jul 02 j 19:04	0°♊	
superior conj	-3951 Jul 11 j 05:26	16°♊18'23	1°49'09
minimum elong	-3951 Jul 11 j 05:21	16°♊18'00	1°49'19
max. Earth dist.	-3951 Jul 18 j 05:11	29°♊06'55	1.39244 AU
	-3951 Jul 18 j 17:11	0°♋	
evening rise	-3951 Jul 22 j 07:39	6°♋14'52	
desc. node	-3951 Aug 05 j 01:02	28°♋10'48	
	-3951 Aug 06 j 06:22	0°♌	
evening max el	-3951 Aug 26 j 15:35	26°♌18'12	24°07'44
	-3951 Aug 30 j 20:49	0°♍	
retrograde	-3951 Sep 06 j 15:33	2°♍46'16	
evening set	-3951 Sep 11 j 22:51	0°♍32'19	
	-3951 Sep 12 j 13:08	30°℞♌	
inferior conj	-3951 Sep 17 j 07:40	24°♌11'39	0°-46'-16
minimum elong	-3951 Sep 17 j 08:45	24°♌07'59	0°45'44
min. Earth dist.	-3951 Sep 16 j 18:02	24°♌57'48	0.67306 AU
asc. node	-3951 Sep 19 j 14:06	21°♌13'48	
morning rise	-3951 Sep 22 j 18:53	18°♌01'54	
direct	-3951 Sep 26 j 14:47	16°♌38'22	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-3951 Oct 04 j 17:57	21°♌24'03	20°40'53
greatest brilliancy	-3951 Oct 10 j 20:53	28°♌41'44	-0.5m
	-3951 Oct 11 j 20:21	0°♍	
desc. node	-3951 Nov 01 j 00:49	29°♍49'08	
	-3951 Nov 01 j 03:38	0°♎	
morning set	-3951 Nov 02 j 09:09	1°♎54'27	
max. Earth dist.	-3951 Nov 11 j 21:38	16°♎59'04	1.43126 AU
superior conj	-3951 Nov 18 j 07:10	27°♎29'45	-1°-35'-34
minimum elong	-3951 Nov 18 j 01:14	27°♎05'00	1°35'10
	-3951 Nov 19 j 18:58	0°♏	
evening rise	-3951 Nov 30 j 12:06	18°♏32'09	
	-3951 Dec 07 j 01:06	0°♐	
asc. node	-3951 Dec 16 j 13:01	14°♐13'13	
evening max el	-3951 Dec 17 j 15:31	15°♐24'06	18°08'35
retrograde	-3951 Dec 24 j 05:52	18°♐52'27	
evening set	-3951 Dec 26 j 22:27	18°♐17'07	
inferior conj	-3950 Jan 02 j 10:24	13°♐05'33	3°57'29
minimum elong	-3950 Jan 02 j 08:43	13°♐09'53	3°57'10
min. Earth dist.	-3950 Jan 05 j 05:20	10°♐15'33	0.62293 AU
morning rise	-3950 Jan 08 j 16:56	7°♐13'50	
direct	-3950 Jan 15 j 18:12	4°♐38'26	
desc. node	-3950 Jan 28 j 00:25	10°♐47'07	
morning max el	-3950 Jan 29 j 16:50	12°♐22'17	27°42'35
	-3950 Feb 12 j 18:36	0°♑	
	-3950 Mar 02 j 02:34	0°♒	
morning set	-3950 Mar 04 j 01:34	3°♒55'24	
max. Earth dist.	-3950 Mar 09 j 20:54	16°♒05'24	1.32881 AU
superior conj	-3950 Mar 11 j 12:22	19°♒38'29	0°-30'-52
minimum elong	-3950 Mar 11 j 13:45	19°♒45'59	0°30'42
asc. node	-3950 Mar 14 j 12:22	26°♒09'17	
	-3950 Mar 16 j 07:04	0°♓	
evening rise	-3950 Mar 18 j 13:51	4°♓51'51	
	-3950 Apr 01 j 03:31	0°♈	
evening max el	-3950 Apr 12 j 07:02	14°♈03'02	24°11'47
desc. node	-3950 Apr 25 j 23:11	21°♈00'17	
retrograde	-3950 Apr 26 j 03:17	21°♈00'21	
evening set	-3950 Apr 30 j 12:01	20°♈17'48	
min. Earth dist.	-3950 May 06 j 18:42	17°♈13'36	0.56579 AU
inferior conj	-3950 May 09 j 07:49	15°♈37'57	-3°-17'-7
minimum elong	-3950 May 09 j 02:01	15°♈47'05	3°15'46
morning rise	-3950 May 17 j 20:01	11°♈34'34	
direct	-3950 May 20 j 07:27	11°♈18'13	
morning max el	-3950 May 29 j 22:59	15°♈46'47	19°39'35
	-3950 Jun 09 j 07:31	0°♉	
asc. node	-3950 Jun 10 j 11:58	2°♉07'03	
morning set	-3950 Jun 16 j 11:13	13°♉37'52	
superior conj	-3950 Jun 24 j 13:18	29°♉52'41	1°44'18
minimum elong	-3950 Jun 24 j 11:32	29°♉43'57	1°44'21
	-3950 Jun 24 j 14:47	0°♊	
max. Earth dist.	-3950 Jun 30 j 07:39	10°♊58'41	1.37337 AU
evening rise	-3950 Jul 04 j 05:42	18°♊09'22	
	-3950 Jul 11 j 02:32	0°♋	
desc. node	-3950 Jul 22 j 22:04	18°♋19'53	
	-3950 Jul 31 j 11:51	0°♌	
evening max el	-3950 Aug 09 j 02:08	9°♌48'10	25°23'51
retrograde	-3950 Aug 21 j 02:19	16°♌45'20	
evening set	-3950 Aug 27 j 00:42	14°♌13'46	
min. Earth dist.	-3950 Aug 31 j 10:57	9°♌15'49	0.66861 AU
inferior conj	-3950 Sep 01 j 11:40	7°♌55'26	-1°-38'-58
minimum elong	-3950 Sep 01 j 13:58	7°♌47'59	1°37'57
asc. node	-3950 Sep 06 j 11:11	2°♌23'49	
morning rise	-3950 Sep 07 j 03:46	1°♌54'09	
direct	-3950 Sep 10 j 12:45	0°♌48'11	
morning max el	-3950 Sep 17 j 20:46	5°♌00'54	19°36'00
greatest brilliancy	-3950 Sep 26 j 13:34	16°♌09'16	-0.7m
	-3950 Oct 05 j 18:18	0°♍	
morning set	-3950 Oct 12 j 09:33	10°♍16'32	
desc. node	-3950 Oct 18 j 21:44	20°♍25'49	
	-3950 Oct 24 j 23:35	0°♎	
max. Earth dist.	-3950 Oct 25 j 10:54	0°♎44'51	1.44312 AU
superior conj	-3950 Oct 29 j 04:10	6°♎40'41	-1°-2'-12
minimum elong	-3950 Oct 28 j 21:28	6°♎13'51	1°01'28
evening rise	-3950 Nov 12 j 08:25	29°♎57'10	
	-3950 Nov 12 j 09:05	0°♏	
evening max el	-3950 Dec 01 j 04:08	28°♏43'42	18°23'17
	-3950 Dec 02 j 12:39	0°♐	
asc. node	-3950 Dec 03 j 10:05	0°♐42'21	
retrograde	-3950 Dec 07 j 18:00	2°♐20'09	
evening set	-3950 Dec 10 j 14:33	1°♐36'00	
	-3950 Dec 12 j 22:12	30°℞♏	
inferior conj	-3950 Dec 16 j 17:20	26°♏05'05	3°35'03
minimum elong	-3950 Dec 16 j 14:27	26°♏13'18	3°34'22
min. Earth dist.	-3950 Dec 18 j 21:52	23°♏36'13	0.63992 AU
morning rise	-3950 Dec 22 j 12:53	20°♏02'56	
direct	-3950 Dec 29 j 11:33	17°♏13'43	
morning max el	-3949 Jan 12 j 01:16	24°♏57'12	27°28'45
desc. node	-3949 Jan 14 j 21:27	27°♏56'12	
	-3949 Jan 16 j 16:52	0°♐	
	-3949 Feb 06 j 04:04	0°♑	
morning set	-3949 Feb 15 j 21:56	18°♑02'01	
max. Earth dist.	-3949 Feb 21 j 00:04	28°♑22'45	1.33560 AU
	-3949 Feb 21 j 18:39	0°♒	
superior conj	-3949 Feb 23 j 19:16	4°♒17'04	0°-55'-18
minimum elong	-3949 Feb 23 j 21:38	4°♒29'43	0°55'01
asc. node	-3949 Mar 01 j 09:22	16°♒13'51	
evening rise	-3949 Mar 03 j 01:10	19°♒43'58	
	-3949 Mar 08 j 03:08	0°♓	
evening max el	-3949 Mar 24 j 23:57	24°♓46'25	22°37'39
	-3949 Apr 01 j 12:31	0°♈	
retrograde	-3949 Apr 07 j 01:44	1°♈10'25	
evening set	-3949 Apr 10 j 04:58	0°♈48'52	
desc. node	-3949 Apr 12 j 20:19	29°♓59'55	
	-3949 Apr 12 j 20:14	30°℞♓	
min. Earth dist.	-3949 Apr 18 j 09:05	27°♓13'59	0.55441 AU
inferior conj	-3949 Apr 19 j 12:10	26°♓35'13	-1°-47'-59
minimum elong	-3949 Apr 19 j 07:31	26°♓41'52	1°46'31
morning rise	-3949 Apr 28 j 12:25	22°♓38'21	
direct	-3949 May 01 j 02:33	22°♓22'46	
morning max el	-3949 May 12 j 10:28	27°♓40'41	20°53'49
	-3949 May 14 j 17:04	0°♈	
asc. node	-3949 May 28 j 08:59	21°♈32'48	
morning set	-3949 May 31 j 17:51	28°♈18'48	
	-3949 Jun 01 j 13:32	0°♉	
superior conj	-3949 Jun 08 j 08:19	14°♉03'10	1°32'37
minimum elong	-3949 Jun 08 j 05:45	13°♉50'01	1°32'27
max. Earth dist.	-3949 Jun 12 j 16:09	22°♉46'04	1.35677 AU
	-3949 Jun 16 j 09:59	0°♊	
evening rise	-3949 Jun 17 j 00:11	1°♊06'49	
	-3949 Jul 04 j 03:48	0°♋	
desc. node	-3949 Jul 09 j 19:06	8°♋05'40	
evening max el	-3949 Jul 22 j 13:06	23°♋18'54	26°27'14
	-3949 Aug 01 j 03:21	0°♌	
retrograde	-3949 Aug 04 j 08:23	0°♌34'02	
	-3949 Aug 07 j 08:52	30°℞♋	
evening set	-3949 Aug 10 j 20:37	27°♋50'24	
min. Earth dist.	-3949 Aug 14 j 22:43	23°♋30'49	0.66076 AU
inferior conj	-3949 Aug 16 j 11:40	21°♋37'44	-2°-28'-56
minimum elong	-3949 Aug 16 j 14:56	21°♋27'43	2°27'41

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-3949 Aug 22 j 10:11	15°♋48'02	
asc. node	-3949 Aug 24 j 08:16	15°♋03'04	
direct	-3949 Aug 25 j 10:37	14°♋56'13	
morning max el	-3949 Sep 01 j 05:48	18°♋44'26	18°46'06
	-3949 Sep 09 j 18:37	0°♌	
morning set	-3949 Sep 22 j 05:27	19°♌38'44	
	-3949 Sep 28 j 17:33	0°♍	
desc. node	-3949 Oct 05 j 18:40	11°♍08'01	
superior conj	-3949 Oct 08 j 05:53	15°♍01'21	0°-15'-36
minimum elong	-3949 Oct 08 j 03:50	14°♍53'16	0°15'18
behind sun begin	-3949 Oct 07 j 23:47	14°♍37'20	
behind sun end	-3949 Oct 08 j 07:53	15°♍09'12	
max. Earth dist.	-3949 Oct 08 j 03:49	14°♍53'10	1.44822 AU
	-3949 Oct 17 j 17:24	0°♎	
evening rise	-3949 Oct 24 j 04:46	10°♎19'38	
	-3949 Nov 05 j 13:58	0°♏	
evening max el	-3949 Nov 14 j 15:14	12°♏08'53	18°55'48
asc. node	-3949 Nov 20 j 07:10	15°♏54'30	
retrograde	-3949 Nov 21 j 11:51	16°♏02'30	
evening set	-3949 Nov 24 j 14:12	15°♏07'25	
inferior conj	-3949 Nov 30 j 09:54	9°♏20'01	3°00'30
minimum elong	-3949 Nov 30 j 06:44	9°♏29'47	2°59'32
min. Earth dist.	-3949 Dec 01 j 23:59	7°♏22'35	0.65354 AU
morning rise	-3949 Dec 05 j 22:15	3°♏10'21	
direct	-3949 Dec 12 j 11:25	0°♏21'53	
morning max el	-3949 Dec 25 j 10:53	7°♏55'06	26°43'36
desc. node	-3948 Jan 01 j 18:28	16°♏13'42	
	-3948 Jan 11 j 17:42	0°♐	
	-3948 Jan 29 j 12:11	0°♑	
morning set	-3948 Jan 30 j 07:20	1°♑30'40	
max. Earth dist.	-3948 Feb 03 j 16:35	10°♑04'16	1.34682 AU
superior conj	-3948 Feb 07 j 20:45	18°♑34'30	-1°-17'-50
minimum elong	-3948 Feb 07 j 23:47	18°♑50'15	1°17'34
	-3948 Feb 13 j 07:47	0°♒	
evening rise	-3948 Feb 15 j 10:28	4°♒24'06	
asc. node	-3948 Feb 16 j 06:23	6°♒06'42	
	-3948 Feb 29 j 22:14	0°♓	
evening max el	-3948 Mar 05 j 23:39	5°♓47'15	21°09'04
retrograde	-3948 Mar 17 j 15:32	11°♓21'46	
evening set	-3948 Mar 20 j 02:24	11°♓07'53	
inferior conj	-3948 Mar 29 j 07:33	7°♓09'29	0°06'52
minimum elong	-3948 Mar 29 j 07:52	7°♓09'02	0°06'40
transit middle	-3948 Mar 29 j 07:52	7°♓09'02	0°06'40
transit begin	-3948 Mar 29 j 04:09	7°♓14'18	
transit end	-3948 Mar 29 j 11:35	7°♓03'46	
desc. node	-3948 Mar 29 j 17:27	6°♓55'27	
min. Earth dist.	-3948 Mar 29 j 23:17	6°♓47'10	0.55181 AU
morning rise	-3948 Apr 07 j 12:37	3°♓02'03	
direct	-3948 Apr 10 j 14:41	2°♓41'14	
morning max el	-3948 Apr 23 j 11:07	8°♓52'28	22°24'25
	-3948 May 08 j 11:17	0°♈	
asc. node	-3948 May 14 j 06:00	11°♈18'40	
morning set	-3948 May 15 j 04:06	13°♈13'02	
superior conj	-3948 May 22 j 10:58	28°♈38'00	1°15'58
minimum elong	-3948 May 22 j 08:19	28°♈24'01	1°15'38
	-3948 May 23 j 02:32	0°♉	
max. Earth dist.	-3948 May 25 j 10:38	4°♉52'23	1.34366 AU
evening rise	-3948 May 30 j 09:41	14°♉50'50	
	-3948 Jun 07 j 14:40	0°♊	
desc. node	-3948 Jun 25 j 16:10	27°♊17'23	
	-3948 Jun 27 j 20:50	0°♋	
evening max el	-3948 Jul 04 j 00:37	6°♋42'03	27°10'01
retrograde	-3948 Jul 17 j 09:05	14°♋04'33	
evening set	-3948 Jul 24 j 07:57	11°♋17'56	
min. Earth dist.	-3948 Jul 28 j 03:01	7°♋36'16	0.64918 AU
inferior conj	-3948 Jul 30 j 05:26	5°♋14'14	-3°-13'-55
minimum elong	-3948 Jul 30 j 09:13	5°♋03'33	3°12'44
	-3948 Aug 04 j 20:39	30°℞♊	
morning rise	-3948 Aug 05 j 11:52	29°♊39'25	
direct	-3948 Aug 08 j 06:11	28°♊58'28	
asc. node	-3948 Aug 10 j 05:22	29°♊19'05	
	-3948 Aug 11 j 16:24	0°♋	
morning max el	-3948 Aug 14 j 19:02	2°♋30'32	18°12'52
	-3948 Sep 01 j 23:50	0°♌	
morning set	-3948 Sep 02 j 04:51	0°♌20'53	
superior conj	-3948 Sep 16 j 09:07	23°♌30'49	0°33'07
minimum elong	-3948 Sep 16 j 13:02	23°♌46'28	0°32'44
max. Earth dist.	-3948 Sep 19 j 21:48	29°♌07'29	1.44603 AU
	-3948 Sep 20 j 11:05	0°♍	
desc. node	-3948 Sep 21 j 15:37	1°♍52'36	
evening rise	-3948 Oct 03 j 00:52	19°♍40'36	
	-3948 Oct 09 j 16:50	0°♎	
greatest brilliancy	-3948 Oct 19 j 22:29	15°♎24'01	-0.7m
evening max el	-3948 Oct 27 j 22:31	25°♎36'02	19°44'37
retrograde	-3948 Nov 04 j 08:32	29°♎55'02	
asc. node	-3948 Nov 06 j 04:17	29°♎35'47	
evening set	-3948 Nov 07 j 18:47	28°♎46'28	
inferior conj	-3948 Nov 13 j 09:13	22°♎45'33	2°17'46
minimum elong	-3948 Nov 13 j 06:26	22°♎54'40	2°16'45
min. Earth dist.	-3948 Nov 14 j 10:05	21°♎24'05	0.66356 AU
morning rise	-3948 Nov 18 j 17:25	16°♎30'56	
direct	-3948 Nov 24 j 17:01	13°♎54'32	
morning max el	-3948 Dec 06 j 19:56	21°♎04'42	25°35'13
	-3948 Dec 14 j 14:24	0°♏	
desc. node	-3948 Dec 18 j 15:27	5°♏19'20	
	-3947 Jan 03 j 22:19	0°♐	
morning set	-3947 Jan 12 j 01:10	14°♐07'39	
max. Earth dist.	-3947 Jan 15 j 21:36	21°♐17'01	1.36253 AU
	-3947 Jan 20 j 09:27	0°♑	
superior conj	-3947 Jan 21 j 14:10	2°♑22'50	-1°-36'-51
minimum elong	-3947 Jan 21 j 17:15	2°♑38'11	1°36'44
evening rise	-3947 Jan 29 j 15:49	18°♑46'23	
asc. node	-3947 Feb 02 j 03:25	25°♑42'44	
	-3947 Feb 04 j 09:32	0°♒	
evening max el	-3947 Feb 16 j 09:29	17°♒21'08	19°54'53
retrograde	-3947 Feb 26 j 08:35	22°♒04'42	
evening set	-3947 Feb 28 j 16:01	21°♒50'37	
inferior conj	-3947 Mar 09 j 08:06	17°♒49'27	1°55'54
minimum elong	-3947 Mar 09 j 12:33	17°♒42'36	1°54'26
min. Earth dist.	-3947 Mar 11 j 13:29	16°♒27'38	0.55856 AU
desc. node	-3947 Mar 16 j 14:34	13°♒50'58	
morning rise	-3947 Mar 18 j 06:03	13°♒16'37	
direct	-3947 Mar 22 j 08:05	12°♒39'42	
morning max el	-3947 Apr 05 j 03:57	19°♒33'44	24°03'25
	-3947 Apr 13 j 21:41	0°♓	
morning set	-3947 Apr 29 j 16:09	28°♓14'30	
	-3947 Apr 30 j 12:11	0°♈	
asc. node	-3947 May 01 j 03:01	1°♈18'41	
superior conj	-3947 May 06 j 18:38	13°♈28'47	0°55'44
minimum elong	-3947 May 06 j 16:26	13°♈16'52	0°55'21
max. Earth dist.	-3947 May 08 j 14:34	17°♈24'26	1.33421 AU
evening rise	-3947 May 14 j 05:53	29°♈07'56	
	-3947 May 14 j 16:15	0°♉	
	-3947 May 31 j 17:49	0°♊	
desc. node	-3947 Jun 12 j 13:16	15°♊40'42	
evening max el	-3947 Jun 16 j 10:54	19°♊45'07	27°25'20
retrograde	-3947 Jun 30 j 03:45	27°♊08'36	
evening set	-3947 Jul 07 j 07:25	24°♊31'10	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-3947 Jul 10 j 21:57	21°♊22'40	0.63382 AU
inferior conj	-3947 Jul 13 j 14:18	18°♊39'24	-3°-50'-41
minimum elong	-3947 Jul 13 j 17:47	18°♊30'32	3°49'54
morning rise	-3947 Jul 20 j 06:09	13°♊22'47	
direct	-3947 Jul 22 j 20:32	12°♊50'00	
asc. node	-3947 Jul 28 j 02:28	15°♊02'59	
morning max el	-3947 Jul 29 j 09:55	16°♊14'20	17°57'21
	-3947 Aug 08 j 03:18	0°♋	
morning set	-3947 Aug 15 j 05:09	12°♋14'14	
	-3947 Aug 25 j 13:21	0°♌	
superior conj	-3947 Aug 27 j 09:39	3°♌04'41	1°12'15
minimum elong	-3947 Aug 27 j 15:26	3°♌28'40	1°11'46
max. Earth dist.	-3947 Sep 02 j 13:37	13°♌08'56	1.43694 AU
desc. node	-3947 Sep 08 j 12:34	22°♌36'19	
evening rise	-3947 Sep 12 j 05:56	28°♌24'22	
	-3947 Sep 13 j 06:42	0°♍	
	-3947 Oct 03 j 14:24	0°♎	
greatest brilliancy	-3947 Oct 05 j 04:23	2°♎06'43	-0.5m
evening max el	-3947 Oct 11 j 00:10	9°♎02'11	20°47'32
retrograde	-3947 Oct 19 j 05:41	13°♎54'02	
evening set	-3947 Oct 23 j 02:04	12°♎29'17	
asc. node	-3947 Oct 24 j 01:25	11°♎40'57	
inferior conj	-3947 Oct 28 j 12:54	6°♎18'12	1°29'31
minimum elong	-3947 Oct 28 j 10:57	6°♎24'51	1°28'45
min. Earth dist.	-3947 Oct 29 j 02:03	5°♎33'27	0.67018 AU
morning rise	-3947 Nov 02 j 19:24	0°♎01'07	
	-3947 Nov 02 j 19:55	30°℞♍	
direct	-3947 Nov 08 j 03:38	27°♍43'33	
	-3947 Nov 14 j 04:41	0°♎	
morning max el	-3947 Nov 19 j 04:38	4°♎18'33	24°12'56
desc. node	-3947 Dec 05 j 12:25	24°♎58'26	
	-3947 Dec 08 j 22:49	0°♏	
morning set	-3947 Dec 24 j 21:29	25°♏36'03	
	-3947 Dec 27 j 09:49	0°♐	
max. Earth dist.	-3947 Dec 28 j 18:49	2°♐27'04	1.38177 AU
superior conj	-3946 Jan 04 j 19:53	15°♐31'06	-1°-50'-11
minimum elong	-3946 Jan 04 j 21:58	15°♐41'04	1°50'15
	-3946 Jan 12 j 05:43	0°♑	
evening rise	-3946 Jan 13 j 14:50	2°♑43'25	
asc. node	-3946 Jan 20 j 00:28	14°♑55'07	
evening max el	-3946 Jan 30 j 05:29	29°♑29'52	18°59'28
	-3946 Jan 30 j 18:29	0°♒	
retrograde	-3946 Feb 07 j 16:42	3°♒33'37	
evening set	-3946 Feb 10 j 01:58	3°♒15'36	
	-3946 Feb 16 j 14:14	30°℞♑	
inferior conj	-3946 Feb 18 j 01:12	28°♑59'04	3°13'28
minimum elong	-3946 Feb 18 j 05:48	28°♑50'53	3°12'22
min. Earth dist.	-3946 Feb 21 j 04:51	26°♑46'06	0.57288 AU
morning rise	-3946 Feb 26 j 05:53	23°♑56'14	
desc. node	-3946 Mar 03 j 11:41	22°♑49'14	
direct	-3946 Mar 03 j 13:25	22°♑49'13	
	-3946 Mar 17 j 14:45	0°♒	
morning max el	-3946 Mar 17 j 19:00	0°♒10'11	25°37'37
	-3946 Apr 07 j 12:16	0°♓	
morning set	-3946 Apr 14 j 04:15	13°♓17'03	
asc. node	-3946 Apr 18 j 00:02	21°♓27'44	
superior conj	-3946 Apr 21 j 05:15	28°♓28'28	0°33'01
minimum elong	-3946 Apr 21 j 03:50	28°♓20'47	0°32'43
	-3946 Apr 21 j 22:03	0°♈	
max. Earth dist.	-3946 Apr 22 j 01:01	0°♈16'11	1.32824 AU
evening rise	-3946 Apr 28 j 09:24	13°♈47'15	
	-3946 May 06 j 18:34	0°♉	
	-3946 May 27 j 11:48	0°♊	
evening max el	-3946 May 29 j 17:24	2°♊15'15	27°08'43
desc. node	-3946 May 30 j 10:23	2°♊55'08	
retrograde	-3946 Jun 12 j 15:53	9°♊37'20	
evening set	-3946 Jun 19 j 15:07	7°♊23'02	
min. Earth dist.	-3946 Jun 23 j 06:51	4°♊36'36	0.61517 AU
inferior conj	-3946 Jun 26 j 11:06	1°♊45'50	-4°-14'-22
minimum elong	-3946 Jun 26 j 13:02	1°♊41'29	4°14'06
	-3946 Jun 28 j 11:34	30°℞♉	
morning rise	-3946 Jul 03 j 13:44	26°♉50'17	
direct	-3946 Jul 06 j 02:03	26°♉23'41	
morning max el	-3946 Jul 12 j 23:48	29°♉49'56	18°00'26
	-3946 Jul 13 j 03:55	0°♊	
asc. node	-3946 Jul 14 j 23:33	1°♊59'42	
morning set	-3946 Jul 29 j 00:53	25°♊04'07	
	-3946 Jul 31 j 17:37	0°♋	
superior conj	-3946 Aug 08 j 14:02	14°♋02'08	1°36'53
minimum elong	-3946 Aug 08 j 18:03	14°♋19'39	1°36'46
max. Earth dist.	-3946 Aug 16 j 00:21	26°♋39'25	1.42214 AU
	-3946 Aug 18 j 01:11	0°♌	
evening rise	-3946 Aug 22 j 15:00	7°♌21'29	
desc. node	-3946 Aug 26 j 09:33	13°♌16'22	
	-3946 Sep 06 j 12:51	0°♍	
greatest brilliancy	-3946 Sep 19 j 00:39	17°♍01'47	-0.4m
evening max el	-3946 Sep 23 j 19:34	22°♍27'34	22°01'19
retrograde	-3946 Oct 03 j 01:34	27°♍57'25	
evening set	-3946 Oct 07 j 10:09	26°♍14'20	
asc. node	-3946 Oct 10 j 22:32	22°♍26'59	
inferior conj	-3946 Oct 12 j 18:58	19°♍56'31	0°37'53
minimum elong	-3946 Oct 12 j 18:06	19°♍59'32	0°37'33
min. Earth dist.	-3946 Oct 12 j 21:30	19°♍47'45	0.67368 AU
morning rise	-3946 Oct 18 j 01:51	13°♍39'45	
direct	-3946 Oct 22 j 18:52	11°♍43'40	
morning max el	-3946 Nov 01 j 15:17	17°♍36'02	22°46'19
greatest brilliancy	-3946 Nov 06 j 09:36	22°♍57'22	-0.3m
	-3946 Nov 11 j 20:46	0°♎	
desc. node	-3946 Nov 22 j 09:23	15°♎01'36	
	-3946 Dec 02 j 01:55	0°♏	
morning set	-3946 Dec 05 j 14:33	5°♏42'41	
max. Earth dist.	-3946 Dec 10 j 15:21	14°♏08'11	1.40249 AU
superior conj	-3946 Dec 18 j 09:16	27°♏47'17	-1°-54'-49
minimum elong	-3946 Dec 18 j 08:58	27°♏45'53	1°54'58
	-3946 Dec 19 j 14:21	0°♐	
evening rise	-3946 Dec 28 j 04:41	16°♐08'17	
	-3945 Jan 04 j 17:31	0°♑	
asc. node	-3945 Jan 06 j 21:31	3°♑36'04	
evening max el	-3945 Jan 13 j 09:46	12°♑08'19	18°24'08
retrograde	-3945 Jan 20 j 19:16	15°♑47'14	
evening set	-3945 Jan 23 j 07:16	15°♑23'25	
inferior conj	-3945 Jan 30 j 14:45	10°♑46'19	3°53'37
minimum elong	-3945 Jan 30 j 16:55	10°♑41'51	3°53'15
min. Earth dist.	-3945 Feb 02 j 23:54	8°♑00'19	0.59175 AU
morning rise	-3945 Feb 06 j 23:11	5°♑19'06	
direct	-3945 Feb 13 j 07:41	3°♑33'10	
desc. node	-3945 Feb 18 j 08:47	4°♑36'47	
morning max el	-3945 Feb 27 j 13:49	11°♑08'43	26°51'47
	-3945 Mar 14 j 05:31	0°♒	
morning set	-3945 Mar 29 j 14:40	28°♒13'44	
	-3945 Mar 30 j 10:57	0°♓	
asc. node	-3945 Apr 04 j 21:00	11°♓40'57	
superior conj	-3945 Apr 05 j 16:58	13°♓30'13	0°08'42
minimum elong	-3945 Apr 05 j 16:35	13°♓28'06	0°08'34
behind sun begin	-3945 Apr 05 j 12:22	13°♓04'59	
behind sun end	-3945 Apr 05 j 20:49	13°♓51'14	
max. Earth dist.	-3945 Apr 05 j 14:17	13°♓15'29	1.32569 AU
evening rise	-3945 Apr 12 j 17:38	28°♓39'28	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3945 Apr 13 j 09:06	0°♈	
	-3945 Apr 30 j 05:39	0°♉	
evening max el	-3945 May 11 j 17:59	14°♉03'30	26°19'42
desc. node	-3945 May 17 j 07:32	18°♉31'30	
retrograde	-3945 May 25 j 20:02	21°♉22'01	
evening set	-3945 Jun 01 j 02:53	19°♉42'53	
min. Earth dist.	-3945 Jun 05 j 06:58	17°♉01'48	0.59477 AU
inferior conj	-3945 Jun 08 j 16:06	14°♉23'40	-4°-17'-36
minimum elong	-3945 Jun 08 j 15:04	14°♉25'43	4°17'29
morning rise	-3945 Jun 16 j 06:56	9°♉50'16	
direct	-3945 Jun 18 j 18:18	9°♉28'33	
morning max el	-3945 Jun 26 j 09:42	13°♉08'15	18°22'56
asc. node	-3945 Jul 01 j 20:35	19°♉52'58	
	-3945 Jul 07 j 20:50	0°♊	
morning set	-3945 Jul 12 j 10:54	8°♊36'21	
superior conj	-3945 Jul 21 j 18:49	26°♊12'38	1°47'55
minimum elong	-3945 Jul 21 j 20:07	26°♊18'33	1°48'03
	-3945 Jul 23 j 20:45	0°♋	
max. Earth dist.	-3945 Jul 29 j 04:52	9°♋25'16	1.40369 AU
evening rise	-3945 Aug 02 j 20:51	17°♋17'59	
	-3945 Aug 10 j 19:08	0°♌	
desc. node	-3945 Aug 13 j 06:35	3°♌48'17	
	-3945 Sep 01 j 02:59	0°♍	
evening max el	-3945 Sep 06 j 09:40	5°♍53'30	23°21'22
retrograde	-3945 Sep 16 j 18:40	12°♍01'59	
evening set	-3945 Sep 21 j 17:14	9°♍59'22	
min. Earth dist.	-3945 Sep 26 j 17:59	4°♍04'47	0.67416 AU
inferior conj	-3945 Sep 27 j 01:36	3°♍38'37	0°-15'-25
minimum elong	-3945 Sep 27 j 01:58	3°♍37'23	0°15'13
transit middle	-3945 Sep 27 j 01:58	3°♍37'23	0°15'13
transit begin	-3945 Sep 27 j 00:58	3°♍40'47	
transit end	-3945 Sep 27 j 02:57	3°♍33'59	
asc. node	-3945 Sep 27 j 19:38	2°♍36'57	
	-3945 Sep 29 j 20:26	30°℞♌	
morning rise	-3945 Oct 02 j 10:44	27°♌25'09	
direct	-3945 Oct 06 j 13:46	25°♌50'15	
	-3945 Oct 14 j 06:46	0°♍	
morning max el	-3945 Oct 15 j 06:50	0°♍59'11	21°23'50
greatest brilliancy	-3945 Oct 20 j 13:16	7°♍04'59	-0.4m
	-3945 Nov 05 j 17:34	0°♎	
desc. node	-3945 Nov 09 j 06:21	5°♎21'52	
morning set	-3945 Nov 15 j 03:52	14°♎31'21	
max. Earth dist.	-3945 Nov 22 j 17:16	26°♎40'34	1.42182 AU
	-3945 Nov 24 j 17:32	0°♏	
superior conj	-3945 Nov 30 j 00:48	8°♏58'19	-1°-47'-4
minimum elong	-3945 Nov 29 j 20:52	8°♏41'24	1°46'58
evening rise	-3945 Dec 11 j 05:52	28°♏53'39	
	-3945 Dec 11 j 20:29	0°♐	
asc. node	-3945 Dec 24 j 18:34	21°♐36'04	
evening max el	-3945 Dec 27 j 19:36	25°♐09'03	18°08'46
retrograde	-3944 Jan 03 j 14:07	28°♐37'26	
evening set	-3944 Jan 06 j 04:55	28°♐06'38	
inferior conj	-3944 Jan 12 j 23:15	23°♐07'40	4°02'46
minimum elong	-3944 Jan 12 j 22:43	23°♐08'56	4°02'35
min. Earth dist.	-3944 Jan 16 j 01:31	20°♐12'32	0.61187 AU
morning rise	-3944 Jan 19 j 14:00	17°♐23'35	
direct	-3944 Jan 26 j 12:40	15°♐02'24	
desc. node	-3944 Feb 05 j 05:51	18°♐57'29	
morning max el	-3944 Feb 09 j 14:40	22°♐44'50	27°34'26
	-3944 Feb 16 j 02:08	0°♑	
	-3944 Mar 06 j 06:49	0°♒	
morning set	-3944 Mar 12 j 21:30	12°♒57'42	
max. Earth dist.	-3944 Mar 19 j 02:38	26°♒09'06	1.32658 AU
superior conj	-3944 Mar 20 j 04:12	28°♒28'11	0°-16'-23
minimum elong	-3944 Mar 20 j 04:56	28°♒32'13	0°16'20
	-3944 Mar 20 j 21:02	0°♓	
asc. node	-3944 Mar 21 j 17:59	1°♓54'23	
evening rise	-3944 Mar 27 j 04:30	13°♓37'17	
	-3944 Apr 04 j 12:20	0°♈	
evening max el	-3944 Apr 22 j 12:42	25°♈12'38	25°03'40
	-3944 Apr 28 j 17:00	0°♉	
desc. node	-3944 May 03 j 04:37	1°♉54'11	
retrograde	-3944 May 06 j 13:48	2°♉20'53	
evening set	-3944 May 11 j 16:56	1°♉20'10	
	-3944 May 14 j 12:32	30°℞♈	
min. Earth dist.	-3944 May 17 j 01:02	28°♈27'56	0.57530 AU
inferior conj	-3944 May 20 j 02:05	26°♈24'30	-3°-50'-27
minimum elong	-3944 May 19 j 21:33	26°♈32'14	3°49'39
morning rise	-3944 May 28 j 06:18	22°♈11'24	
direct	-3944 May 30 j 17:28	21°♈53'26	
morning max el	-3944 Jun 08 j 12:40	26°♈00'16	19°05'37
	-3944 Jun 12 j 02:49	0°♉	
asc. node	-3944 Jun 17 j 17:37	8°♉30'10	
morning set	-3944 Jun 25 j 07:14	22°♉41'25	
	-3944 Jun 28 j 23:49	0°♊	
superior conj	-3944 Jul 03 j 18:19	9°♊20'29	1°48'04
minimum elong	-3944 Jul 03 j 17:25	9°♊16'05	1°48'12
max. Earth dist.	-3944 Jul 10 j 06:27	21°♊31'15	1.38422 AU
evening rise	-3944 Jul 14 j 04:58	28°♊31'11	
	-3944 Jul 15 j 01:28	0°♋	
desc. node	-3944 Jul 30 j 03:35	24°♋07'17	
	-3944 Aug 03 j 05:12	0°♌	
evening max el	-3944 Aug 18 j 20:59	19°♌22'37	24°41'10
retrograde	-3944 Aug 30 j 07:56	26°♌04'11	
evening set	-3944 Sep 04 j 21:33	23°♌42'37	
min. Earth dist.	-3944 Sep 09 j 12:57	18°♌23'03	0.67159 AU
inferior conj	-3944 Sep 10 j 07:05	17°♌22'30	-1°-8'-50
minimum elong	-3944 Sep 10 j 08:42	17°♌17'08	1°08'04
asc. node	-3944 Sep 13 j 16:44	13°♌09'57	
morning rise	-3944 Sep 15 j 20:09	11°♌15'42	
direct	-3944 Sep 19 j 11:10	9°♌59'53	
morning max el	-3944 Sep 27 j 05:21	14°♌30'34	20°11'26
greatest brilliancy	-3944 Oct 04 j 05:44	23°♌06'11	-0.6m
	-3944 Oct 09 j 02:16	0°♍	
morning set	-3944 Oct 24 j 02:13	22°♍43'13	
desc. node	-3944 Oct 26 j 03:17	25°♍53'42	
	-3944 Oct 28 j 18:21	0°♎	
max. Earth dist.	-3944 Nov 04 j 02:59	10°♎04'24	1.43709 AU
superior conj	-3944 Nov 09 j 13:33	18°♎52'55	-1°-23'-25
minimum elong	-3944 Nov 09 j 06:41	18°♎24'52	1°22'50
	-3944 Nov 16 j 05:57	0°♏	
evening rise	-3944 Nov 22 j 14:03	10°♏50'24	
	-3944 Dec 03 j 23:08	0°♐	
evening max el	-3944 Dec 10 j 08:03	8°♐23'37	18°12'39
asc. node	-3944 Dec 10 j 15:38	8°♐42'26	
retrograde	-3944 Dec 16 j 21:04	11°♐53'49	
evening set	-3944 Dec 19 j 15:16	11°♐14'50	
inferior conj	-3944 Dec 25 j 23:02	5°♐54'54	3°49'43
minimum elong	-3944 Dec 25 j 20:43	6°♐01'07	3°49'16
min. Earth dist.	-3944 Dec 28 j 12:04	3°♐12'12	0.63056 AU
	-3944 Dec 31 j 23:43	30°℞♏	
morning rise	-3943 Jan 01 j 00:25	29°♏58'40	
direct	-3943 Jan 08 j 01:50	27°♏15'21	
	-3943 Jan 15 j 20:39	0°♐	
morning max el	-3943 Jan 21 j 20:49	4°♐59'25	27°40'55
desc. node	-3943 Jan 22 j 02:54	5°♐14'29	
	-3943 Feb 09 j 19:01	0°♑	
morning set	-3943 Feb 24 j 22:26	27°♑19'49	
	-3943 Feb 26 j 06:05	0°♒	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-3943 Mar 02 j 10:16	8°♒42'39	1.33118 AU
superior conj	-3943 Mar 04 j 13:10	13°♒15'02	0°-41'-22
minimum elong	-3943 Mar 04 j 15:00	13°♒24'53	0°41'08
asc. node	-3943 Mar 08 j 14:58	22°♒02'57	
evening rise	-3943 Mar 11 j 16:07	28°♒32'50	
	-3943 Mar 12 j 08:46	0°♓	
	-3943 Mar 29 j 20:31	0°♈	
evening max el	-3943 Apr 04 j 04:38	5°♈57'18	23°31'54
retrograde	-3943 Apr 17 j 18:44	12°♈42'00	
desc. node	-3943 Apr 20 j 01:43	12°♈30'20	
evening set	-3943 Apr 21 j 13:55	12°♈10'20	
min. Earth dist.	-3943 Apr 28 j 15:47	8°♈54'46	0.56005 AU
inferior conj	-3943 Apr 30 j 16:04	7°♈42'39	-2°-43'-56
minimum elong	-3943 Apr 30 j 10:10	7°♈51'31	2°42'19
morning rise	-3943 May 09 j 09:48	3°♈43'33	
direct	-3943 May 11 j 21:59	3°♈27'49	
morning max el	-3943 May 22 j 06:07	8°♈16'08	20°08'48
asc. node	-3943 Jun 04 j 14:38	27°♈40'23	
	-3943 Jun 05 j 19:55	0°♉	
morning set	-3943 Jun 09 j 10:50	7°♉11'06	
superior conj	-3943 Jun 17 j 07:24	23°♉11'13	1°40'03
minimum elong	-3943 Jun 17 j 05:11	23°♉00'08	1°40'01
	-3943 Jun 20 j 17:57	0°♊	
max. Earth dist.	-3943 Jun 22 j 11:11	3°♊19'12	1.36600 AU
evening rise	-3943 Jun 26 j 12:23	10°♊54'15	
	-3943 Jul 07 j 16:00	0°♋	
desc. node	-3943 Jul 17 j 00:36	14°♋07'22	
	-3943 Jul 29 j 12:33	0°♌	
evening max el	-3943 Aug 01 j 07:50	2°♌54'25	25°52'51
retrograde	-3943 Aug 13 j 16:35	9°♌59'41	
evening set	-3943 Aug 19 j 21:10	7°♌22'18	
min. Earth dist.	-3943 Aug 24 j 03:58	2°♌40'32	0.66577 AU
inferior conj	-3943 Aug 25 j 09:39	1°♌06'14	-2°00'-37
minimum elong	-3943 Aug 25 j 12:24	0°♌57'31	1°59'27
	-3943 Aug 26 j 06:41	30°℞♋	
morning rise	-3943 Aug 31 j 04:17	25°♋09'27	
asc. node	-3943 Aug 31 j 13:51	24°♋55'34	
direct	-3943 Sep 03 j 09:27	24°♋09'44	
morning max el	-3943 Sep 10 j 11:01	28°♋10'35	19°12'48
	-3943 Sep 12 j 03:02	0°♌	
	-3943 Oct 02 j 11:03	0°♍	
morning set	-3943 Oct 03 j 09:08	1°♍26'33	
desc. node	-3943 Oct 13 j 00:14	16°♍33'13	
max. Earth dist.	-3943 Oct 17 j 18:50	24°♍04'37	1.44623 AU
superior conj	-3943 Oct 20 j 00:33	27°♍37'11	0°-43'-32
minimum elong	-3943 Oct 19 j 19:13	27°♍16'04	0°42'52
	-3943 Oct 21 j 12:31	0°♎	
evening rise	-3943 Nov 04 j 00:38	21°♎49'57	
	-3943 Nov 08 j 23:47	0°♏	
evening max el	-3943 Nov 23 j 20:23	21°♏46'18	18°34'59
asc. node	-3943 Nov 27 j 12:43	24°♏40'57	
retrograde	-3943 Nov 30 j 12:06	25°♏28'46	
evening set	-3943 Dec 03 j 10:59	24°♏40'04	
inferior conj	-3943 Dec 09 j 10:29	19°♏01'33	3°21'34
minimum elong	-3943 Dec 09 j 07:23	19°♏10'42	3°20'45
min. Earth dist.	-3943 Dec 11 j 08:38	16°♏45'33	0.64620 AU
morning rise	-3943 Dec 15 j 02:35	12°♏56'02	
direct	-3943 Dec 21 j 21:52	10°♏05'52	
morning max el	-3942 Jan 04 j 06:05	17°♏45'28	27°12'57
desc. node	-3942 Jan 08 j 23:56	22°♏55'23	
	-3942 Jan 14 j 14:20	0°♐	
	-3942 Feb 02 j 15:18	0°♑	
morning set	-3942 Feb 08 j 14:34	11°♑10'58	
max. Earth dist.	-3942 Feb 13 j 09:25	20°♑45'24	1.33990 AU
superior conj	-3942 Feb 16 j 18:01	27°♑44'49	-1°-5'-10
minimum elong	-3942 Feb 16 j 20:44	27°♑59'07	1°04'53
	-3942 Feb 17 j 19:37	0°♒	
asc. node	-3942 Feb 23 j 11:58	12°♒02'36	
evening rise	-3942 Feb 24 j 02:48	13°♒20'12	
	-3942 Mar 04 j 17:00	0°♓	
evening max el	-3942 Mar 16 j 23:38	16°♓43'57	21°58'31
retrograde	-3942 Mar 29 j 12:13	22°♓48'08	
evening set	-3942 Apr 01 j 06:53	22°♓30'58	
desc. node	-3942 Apr 06 j 22:52	20°♓25'20	
min. Earth dist.	-3942 Apr 10 j 05:35	18°♓38'50	0.55217 AU
inferior conj	-3942 Apr 10 j 14:54	18°♓25'44	-1°00'-40
minimum elong	-3942 Apr 10 j 12:06	18°♓29'40	0°59'46
morning rise	-3942 Apr 19 j 18:31	14°♓27'03	
direct	-3942 Apr 22 j 12:24	14°♓10'12	
morning max el	-3942 May 04 j 12:43	19°♓50'25	21°30'51
	-3942 May 12 j 19:18	0°♈	
asc. node	-3942 May 22 j 11:38	17°♈15'02	
morning set	-3942 May 24 j 19:14	21°♈58'06	
	-3942 May 28 j 15:31	0°♉	
superior conj	-3942 Jun 01 j 06:00	7°♉32'40	1°26'04
minimum elong	-3942 Jun 01 j 03:19	7°♉18'46	1°25'50
max. Earth dist.	-3942 Jun 04 j 23:56	15°♉13'11	1.35071 AU
evening rise	-3942 Jun 09 j 13:47	24°♉12'25	
	-3942 Jun 12 j 16:00	0°♊	
	-3942 Jul 01 j 05:16	0°♋	
desc. node	-3942 Jul 03 j 21:39	3°♋39'57	
evening max el	-3942 Jul 14 j 19:02	16°♋22'41	26°48'22
retrograde	-3942 Jul 27 j 20:18	23°♋41'46	
evening set	-3942 Aug 03 j 13:47	20°♋55'18	
min. Earth dist.	-3942 Aug 07 j 12:39	16°♋52'27	0.65633 AU
inferior conj	-3942 Aug 09 j 07:17	14°♋46'17	-2°-48'-48
minimum elong	-3942 Aug 09 j 10:51	14°♋35'44	2°47'32
morning rise	-3942 Aug 15 j 09:01	9°♋02'48	
direct	-3942 Aug 18 j 06:37	8°♋15'58	
asc. node	-3942 Aug 18 j 10:58	8°♋16'09	
morning max el	-3942 Aug 24 j 22:12	11°♋55'57	18°29'55
	-3942 Sep 06 j 16:17	0°♌	
morning set	-3942 Sep 13 j 16:35	11°♌22'42	
	-3942 Sep 25 j 06:46	0°♍	
superior conj	-3942 Sep 28 j 23:56	5°♍52'52	0°05'38
minimum elong	-3942 Sep 29 j 00:40	5°♍55'48	0°05'37
behind sun begin	-3942 Sep 28 j 13:58	5°♍13'31	
behind sun end	-3942 Sep 29 j 11:23	6°♍38'04	
desc. node	-3942 Sep 29 j 21:09	7°♍16'37	
max. Earth dist.	-3942 Sep 30 j 12:58	8°♍18'57	1.44820 AU
	-3942 Oct 14 j 07:38	0°♎	
evening rise	-3942 Oct 15 j 10:21	1°♎45'19	
greatest brilliancy	-3942 Oct 27 j 09:31	20°♎30'04	-0.7m
	-3942 Nov 02 j 22:22	0°♏	
evening max el	-3942 Nov 07 j 06:02	5°♏11'58	19°14'37
retrograde	-3942 Nov 14 j 07:38	9°♏15'45	
asc. node	-3942 Nov 14 j 09:51	9°♏15'42	
evening set	-3942 Nov 17 j 13:03	8°♏15'12	
inferior conj	-3942 Nov 23 j 06:17	2°♏21'19	2°43'11
minimum elong	-3942 Nov 23 j 03:13	2°♏31'04	2°42'10
min. Earth dist.	-3942 Nov 24 j 14:28	0°♏39'05	0.65824 AU
	-3942 Nov 25 j 03:00	30°℞♎	
morning rise	-3942 Nov 28 j 16:31	26°♎09'04	
direct	-3942 Dec 05 j 00:05	23°♎24'54	
	-3942 Dec 16 j 19:22	0°♏	
morning max el	-3942 Dec 17 j 15:50	0°♏50'08	26°16'48
desc. node	-3942 Dec 26 j 20:57	11°♏35'04	
	-3941 Jan 08 j 14:33	0°♐	
morning set	-3941 Jan 22 j 18:01	24°♐19'21	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3941 Jan 25 j 17:42	0°♉	
max. Earth dist.	-3941 Jan 26 j 21:12	2°♉13'40	1.35299 AU
superior conj	-3941 Jan 31 j 16:25	11°♉50'26	-1°-26'-28
minimum elong	-3941 Jan 31 j 19:35	12°♉06'32	1°26'15
evening rise	-3941 Feb 08 j 10:42	27°♉53'20	
	-3941 Feb 09 j 11:29	0°♒	
asc. node	-3941 Feb 10 j 09:00	1°♒48'49	
evening max el	-3941 Feb 27 j 03:19	27°♒57'09	20°35'21
	-3941 Mar 01 j 13:15	0°♓	
retrograde	-3941 Mar 10 j 02:16	3°♓09'59	
evening set	-3941 Mar 12 j 10:18	2°♓56'44	
	-3941 Mar 19 j 16:12	30°℞♒	
inferior conj	-3941 Mar 21 j 10:47	28°♒58'51	0°55'47
minimum elong	-3941 Mar 21 j 13:14	28°♒55'15	0°54'52
min. Earth dist.	-3941 Mar 22 j 19:47	28°♒10'50	0.55352 AU
desc. node	-3941 Mar 24 j 20:00	27°♒03'18	
morning rise	-3941 Mar 30 j 14:20	24°♒41'54	
direct	-3941 Apr 03 j 00:57	24°♒16'08	
	-3941 Apr 15 j 12:57	0°♓	
morning max el	-3941 Apr 16 j 09:41	0°♓47'37	23°06'22
	-3941 May 05 j 20:55	0°♈	
morning set	-3941 May 09 j 06:29	6°♈56'19	
asc. node	-3941 May 09 j 08:38	7°♈07'33	
superior conj	-3941 May 16 j 11:07	22°♈15'37	1°07'45
minimum elong	-3941 May 16 j 08:36	22°♈02'12	1°07'24
max. Earth dist.	-3941 May 18 j 22:30	27°♈29'45	1.33909 AU
	-3941 May 20 j 03:19	0°♉	
evening rise	-3941 May 24 j 04:19	8°♉11'59	
	-3941 Jun 05 j 03:53	0°♊	
desc. node	-3941 Jun 20 j 18:45	22°♊33'23	
evening max el	-3941 Jun 27 j 06:05	29°♊38'18	27°20'11
	-3941 Jun 27 j 15:12	0°♋	
retrograde	-3941 Jul 10 j 18:44	7°♋02'37	
evening set	-3941 Jul 17 j 20:34	4°♋17'53	
min. Earth dist.	-3941 Jul 21 j 13:05	0°♋51'31	0.64307 AU
	-3941 Jul 22 j 08:23	30°℞♊	
inferior conj	-3941 Jul 23 j 21:37	28°♊18'46	-3°-30'-46
minimum elong	-3941 Jul 24 j 01:24	28°♊08'32	3°29'43
morning rise	-3941 Jul 30 j 07:56	22°♊51'36	
direct	-3941 Aug 02 j 00:13	22°♊14'33	
asc. node	-3941 Aug 05 j 08:04	23°♊11'19	
morning max el	-3941 Aug 08 j 12:33	25°♊42'22	18°04'05
	-3941 Aug 12 j 03:06	0°♋	
morning set	-3941 Aug 26 j 03:11	22°♋36'44	
	-3941 Aug 30 j 11:59	0°♌	
superior conj	-3941 Sep 08 j 10:38	14°♌45'38	0°51'21
minimum elong	-3941 Sep 08 j 15:56	15°♌07'05	0°50'49
max. Earth dist.	-3941 Sep 13 j 06:02	22°♌28'39	1.44296 AU
desc. node	-3941 Sep 16 j 18:07	28°♌01'14	
	-3941 Sep 18 j 00:21	0°♍	
evening rise	-3941 Sep 24 j 22:14	10°♍45'31	
	-3941 Oct 07 j 13:11	0°♎	
greatest brilliancy	-3941 Oct 14 j 13:04	10°♎06'29	-0.6m
evening max el	-3941 Oct 21 j 11:01	18°♎38'26	20°09'46
retrograde	-3941 Oct 29 j 04:51	23°♎11'02	
asc. node	-3941 Nov 01 j 06:59	22°♎15'39	
evening set	-3941 Nov 01 j 19:02	21°♎56'04	
inferior conj	-3941 Nov 07 j 07:45	15°♎50'19	1°57'51
minimum elong	-3941 Nov 07 j 05:16	15°♎58'35	1°56'54
min. Earth dist.	-3941 Nov 08 j 03:30	14°♎44'19	0.66679 AU
morning rise	-3941 Nov 12 j 14:55	9°♎34'01	
direct	-3941 Nov 18 j 08:01	7°♎04'57	
morning max el	-3941 Nov 30 j 00:41	14°♎02'16	25°01'10
	-3941 Dec 13 j 01:47	0°♏	
desc. node	-3941 Dec 13 j 17:57	0°♏56'11	
	-3940 Jan 01 j 10:21	0°♐	
morning set	-3940 Jan 05 j 03:30	6°♐29'16	
max. Earth dist.	-3940 Jan 08 j 21:51	13°♐19'34	1.37033 AU
superior conj	-3940 Jan 15 j 05:21	25°♐22'45	-1°-43'-23
minimum elong	-3940 Jan 15 j 08:09	25°♐36'31	1°43'21
	-3940 Jan 17 j 13:22	0°♑	
evening rise	-3940 Jan 23 j 13:39	12°♑05'18	
asc. node	-3940 Jan 28 j 06:03	21°♑15'28	
	-3940 Feb 02 j 05:05	0°♒	
evening max el	-3940 Feb 09 j 17:41	9°♒46'19	19°28'57
retrograde	-3940 Feb 19 j 00:38	14°♒11'05	
evening set	-3940 Feb 21 j 08:23	13°♒55'47	
inferior conj	-3940 Feb 29 j 17:26	9°♒49'33	2°33'27
minimum elong	-3940 Feb 29 j 22:26	9°♒41'24	2°31'59
min. Earth dist.	-3940 Mar 03 j 10:38	8°♒04'01	0.56381 AU
morning rise	-3940 Mar 09 j 08:49	5°♒03'20	
desc. node	-3940 Mar 10 j 17:07	4°♒39'30	
direct	-3940 Mar 13 j 23:21	4°♒15'05	
morning max el	-3940 Mar 28 j 01:01	11°♒23'28	24°45'01
	-3940 Apr 11 j 04:14	0°♓	
morning set	-3940 Apr 22 j 18:44	21°♓58'32	
asc. node	-3940 Apr 25 j 05:38	27°♓11'39	
	-3940 Apr 26 j 12:51	0°♈	
superior conj	-3940 Apr 29 j 20:15	7°♈10'51	0°46'21
minimum elong	-3940 Apr 29 j 18:21	7°♈00'31	0°46'00
max. Earth dist.	-3940 May 01 j 05:24	10°♈10'02	1.33119 AU
evening rise	-3940 May 07 j 03:58	22°♈39'34	
	-3940 May 10 j 20:48	0°♉	
	-3940 May 29 j 00:28	0°♊	
desc. node	-3940 Jun 06 j 15:51	10°♊30'09	
evening max el	-3940 Jun 08 j 15:02	12°♊28'22	27°22'23
retrograde	-3940 Jun 22 j 10:59	19°♊52'03	
evening set	-3940 Jun 29 j 13:50	17°♊22'52	
min. Earth dist.	-3940 Jul 03 j 03:56	14°♊25'13	0.62616 AU
inferior conj	-3940 Jul 06 j 01:45	11°♊36'37	-4°-2'-44
minimum elong	-3940 Jul 06 j 04:45	11°♊29'21	4°02'11
morning rise	-3940 Jul 12 j 22:01	6°♊28'35	
direct	-3940 Jul 15 j 11:11	5°♊58'45	
morning max el	-3940 Jul 22 j 03:19	9°♊23'05	17°56'19
asc. node	-3940 Jul 22 j 05:08	9°♊27'34	
	-3940 Aug 04 j 18:01	0°♋	
morning set	-3940 Aug 07 j 12:26	4°♋55'36	
superior conj	-3940 Aug 18 j 22:57	24°♋54'40	1°24'29
minimum elong	-3940 Aug 19 j 04:16	25°♋17'10	1°24'09
	-3940 Aug 21 j 23:44	0°♌	
max. Earth dist.	-3940 Aug 25 j 19:27	6°♌16'53	1.43123 AU
desc. node	-3940 Sep 02 j 15:07	18°♌43'54	
evening rise	-3940 Sep 03 j 02:25	19°♌28'01	
	-3940 Sep 09 j 23:05	0°♍	
greatest brilliancy	-3940 Sep 28 j 04:19	25°♍59'42	-0.4m
	-3940 Oct 01 j 11:54	0°♎	
evening max el	-3940 Oct 03 j 10:04	2°♎04'45	21°17'52
retrograde	-3940 Oct 12 j 01:37	7°♎12'16	
evening set	-3940 Oct 16 j 02:52	5°♎40'10	
asc. node	-3940 Oct 18 j 04:06	3°♎43'58	
	-3940 Oct 21 j 02:46	30°℞♍	
inferior conj	-3940 Oct 21 j 12:41	29°♍26'00	1°07'58
minimum elong	-3940 Oct 21 j 11:10	29°♍31'14	1°07'21
min. Earth dist.	-3940 Oct 21 j 21:19	28°♍56'22	0.67207 AU
morning rise	-3940 Oct 26 j 19:06	23°♍08'36	
direct	-3940 Oct 31 j 20:53	20°♍59'43	
morning max el	-3940 Nov 11 j 09:40	27°♍17'10	23°35'59
	-3940 Nov 13 j 22:29	0°♎	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-3940 Nov 29 j 14:55	20°♎46'53	
	-3940 Dec 05 j 18:06	0°♏	
morning set	-3940 Dec 16 j 12:50	17°♏24'30	
max. Earth dist.	-3940 Dec 20 j 17:28	24°♏37'45	1.39058 AU
	-3940 Dec 23 j 17:56	0°♐	
superior conj	-3940 Dec 28 j 04:50	8°♐11'13	-1°-53'-26
minimum elong	-3940 Dec 28 j 06:05	8°♐17'05	1°53'34
evening rise	-3939 Jan 06 j 09:11	25°♐49'45	
	-3939 Jan 08 j 13:01	0°♑	
asc. node	-3939 Jan 14 j 03:06	10°♑15'42	
evening max el	-3939 Jan 22 j 17:38	22°♑09'20	18°41'59
retrograde	-3939 Jan 30 j 16:18	26°♑00'09	
evening set	-3939 Feb 02 j 02:53	25°♑39'44	
inferior conj	-3939 Feb 09 j 19:10	21°♑14'59	3°34'50
minimum elong	-3939 Feb 09 j 22:54	21°♑07'55	3°34'04
min. Earth dist.	-3939 Feb 13 j 03:11	18°♑45'12	0.58062 AU
morning rise	-3939 Feb 17 j 15:14	16°♑01'07	
direct	-3939 Feb 23 j 10:46	14°♑37'40	
desc. node	-3939 Feb 25 j 14:13	14°♑48'59	
morning max el	-3939 Mar 09 j 16:54	22°♑05'40	26°12'20
	-3939 Mar 16 j 16:05	0°♒	
	-3939 Apr 03 j 20:21	0°♓	
morning set	-3939 Apr 07 j 06:17	6°♓58'53	
asc. node	-3939 Apr 12 j 02:37	17°♓22'41	
superior conj	-3939 Apr 14 j 07:31	22°♓11'47	0°22'51
minimum elong	-3939 Apr 14 j 06:32	22°♓06'21	0°22'36
max. Earth dist.	-3939 Apr 14 j 17:28	23°♓06'13	1.32680 AU
	-3939 Apr 17 j 21:39	0°♈	
evening rise	-3939 Apr 21 j 09:46	7°♈25'15	
	-3939 May 03 j 09:17	0°♉	
evening max el	-3939 May 21 j 19:24	24°♉41'29	26°51'43
desc. node	-3939 May 24 j 12:58	27°♉06'30	
	-3939 May 28 j 18:16	0°♊	
retrograde	-3939 Jun 04 j 19:41	2°♊01'41	
evening set	-3939 Jun 11 j 13:24	0°♊01'38	
	-3939 Jun 11 j 14:31	30°℞♉	
min. Earth dist.	-3939 Jun 15 j 08:56	27°♉19'23	0.60657 AU
inferior conj	-3939 Jun 18 j 16:14	24°♉31'39	-4°-18'-50
minimum elong	-3939 Jun 18 j 17:04	24°♉29'53	4°18'42
morning rise	-3939 Jun 25 j 23:51	19°♉45'07	
direct	-3939 Jun 28 j 11:42	19°♉20'39	
morning max el	-3939 Jul 05 j 15:43	22°♉51'15	18°07'33
asc. node	-3939 Jul 09 j 02:10	26°♉49'22	
	-3939 Jul 11 j 07:28	0°♊	
morning set	-3939 Jul 21 j 14:45	18°♊04'28	
	-3939 Jul 28 j 01:14	0°♋	
superior conj	-3939 Jul 31 j 14:14	6°♋23'53	1°43'06
minimum elong	-3939 Jul 31 j 17:06	6°♋36'37	1°43'07
max. Earth dist.	-3939 Aug 08 j 03:40	19°♋29'38	1.41460 AU
evening rise	-3939 Aug 13 j 18:49	28°♋45'50	
	-3939 Aug 14 j 13:16	0°♌	
desc. node	-3939 Aug 20 j 12:06	9°♌20'47	
	-3939 Sep 03 j 14:21	0°♍	
greatest brilliancy	-3939 Sep 11 j 08:35	10°♍09'16	-0.3m
evening max el	-3939 Sep 16 j 03:07	15°♍30'25	22°35'02
retrograde	-3939 Sep 25 j 20:17	21°♍16'19	
evening set	-3939 Sep 30 j 10:43	19°♍25'00	
asc. node	-3939 Oct 05 j 01:12	14°♍07'37	
inferior conj	-3939 Oct 05 j 19:10	13°♍05'46	0°15'23
minimum elong	-3939 Oct 05 j 18:48	13°♍07'01	0°15'17
transit middle	-3939 Oct 05 j 18:48	13°♍07'01	0°15'17
transit begin	-3939 Oct 05 j 17:50	13°♍10'22	
transit end	-3939 Oct 05 j 19:46	13°♍03'41	
min. Earth dist.	-3939 Oct 05 j 17:23	13°♍11'55	0.67427 AU
morning rise	-3939 Oct 11 j 02:48	6°♍50'13	
direct	-3939 Oct 15 j 13:46	5°♍03'12	
morning max el	-3939 Oct 24 j 21:55	10°♍36'06	22°10'22
greatest brilliancy	-3939 Oct 29 j 16:00	15°♍59'13	-0.4m
	-3939 Nov 09 j 01:17	0°♎	
desc. node	-3939 Nov 16 j 11:52	10°♎58'06	
morning set	-3939 Nov 26 j 17:31	26°♎55'23	
	-3939 Nov 28 j 15:06	0°♏	
max. Earth dist.	-3939 Dec 02 j 16:13	6°♏41'29	1.41113 AU
superior conj	-3939 Dec 10 j 09:39	20°♏01'40	-1°-53'-17
minimum elong	-3939 Dec 10 j 07:54	19°♏53'53	1°53'22
	-3939 Dec 15 j 21:57	0°♐	
evening rise	-3939 Dec 20 j 18:06	8°♐58'50	
asc. node	-3938 Jan 01 j 00:09	28°♐40'27	
	-3938 Jan 01 j 22:03	0°♑	
evening max el	-3938 Jan 06 j 00:37	4°♑58'04	18°15'05
retrograde	-3938 Jan 13 j 02:19	8°♑30'46	
evening set	-3938 Jan 15 j 15:36	8°♑03'58	
inferior conj	-3938 Jan 22 j 17:07	3°♑17'12	4°00'43
minimum elong	-3938 Jan 22 j 18:04	3°♑15'07	4°00'30
min. Earth dist.	-3938 Jan 26 j 00:21	0°♑24'43	0.60043 AU
	-3938 Jan 26 j 12:22	30°℞♐	
morning rise	-3938 Jan 29 j 17:36	27°♐42'14	
direct	-3938 Feb 05 j 09:35	25°♐40'29	
desc. node	-3938 Feb 12 j 11:17	27°♐45'25	
	-3938 Feb 15 j 19:32	0°♑	
morning max el	-3938 Feb 19 j 14:08	3°♑18'37	27°14'13
	-3938 Mar 11 j 03:00	0°♒	
morning set	-3938 Mar 22 j 15:25	21°♒50'47	
	-3938 Mar 26 j 11:47	0°♓	
superior conj	-3938 Mar 29 j 19:12	7°♓12'12	0°-1'-55
minimum elong	-3938 Mar 29 j 19:18	7°♓12'41	0°01'59
behind sun begin	-3938 Mar 29 j 14:19	6°♓45'26	
behind sun end	-3938 Mar 30 j 00:17	7°♓39'56	
max. Earth dist.	-3938 Mar 29 j 07:01	6°♓05'29	1.32570 AU
asc. node	-3938 Mar 29 j 23:36	7°♓36'15	
evening rise	-3938 Apr 05 j 19:22	22°♓20'34	
	-3938 Apr 09 j 13:17	0°♈	
	-3938 Apr 28 j 01:55	0°♉	
evening max el	-3938 May 03 j 17:23	6°♉12'02	25°50'03
desc. node	-3938 May 11 j 10:03	11°♉50'41	
retrograde	-3938 May 17 j 19:22	13°♉26'42	
evening set	-3938 May 23 j 15:50	12°♉04'09	
min. Earth dist.	-3938 May 28 j 05:48	9°♉20'24	0.58621 AU
inferior conj	-3938 May 31 j 13:29	6°♉54'38	-4°-10'-27
minimum elong	-3938 May 31 j 10:54	6°♉59'24	4°10'08
morning rise	-3938 Jun 08 j 09:52	2°♉30'22	
direct	-3938 Jun 10 j 21:18	2°♉10'14	
morning max el	-3938 Jun 18 j 22:58	5°♉59'18	18°38'39
asc. node	-3938 Jun 25 j 23:12	15°♉02'40	
	-3938 Jul 04 j 06:25	0°♊	
morning set	-3938 Jul 05 j 05:36	1°♊52'00	
superior conj	-3938 Jul 14 j 03:43	19°♊00'58	1°49'10
minimum elong	-3938 Jul 14 j 03:58	19°♊02'08	1°49'19
	-3938 Jul 20 j 03:55	0°♋	
max. Earth dist.	-3938 Jul 21 j 06:53	1°♋59'17	1.39535 AU
evening rise	-3938 Jul 25 j 11:48	9°♋14'27	
desc. node	-3938 Aug 07 j 09:07	29°♋48'00	
	-3938 Aug 07 j 12:18	0°♌	
evening max el	-3938 Aug 29 j 15:41	28°♌57'25	23°55'46
	-3938 Aug 30 j 17:29	0°♍	
retrograde	-3938 Sep 09 j 11:49	5°♍20'44	
evening set	-3938 Sep 14 j 16:51	3°♍09'34	
	-3938 Sep 17 j 15:46	30°℞♌	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

min. Earth dist.	-3938 Sep 19 j 13:24	27°♌29'49	0.67346 AU
inferior conj	-3938 Sep 20 j 01:30	26°♌48'42	0°-38'-11
minimum elong	-3938 Sep 20 j 02:24	26°♌45'39	0°37'43
asc. node	-3938 Sep 21 j 22:18	24°♌20'03	
morning rise	-3938 Sep 25 j 12:07	20°♌37'58	
direct	-3938 Sep 29 j 09:47	19°♌11'38	
morning max el	-3938 Oct 07 j 16:25	24°♌03'09	20°51'38
	-3938 Oct 12 j 18:58	0°♍	
greatest brilliancy	-3938 Oct 13 j 13:09	0°♍58'44	-0.5m
	-3938 Nov 02 j 11:01	0°♎	
desc. node	-3938 Nov 03 j 08:50	1°♎24'00	
morning set	-3938 Nov 05 j 22:03	5°♎21'19	
max. Earth dist.	-3938 Nov 14 j 21:58	19°♎38'57	1.42899 AU
	-3938 Nov 21 j 04:29	0°♏	
superior conj	-3938 Nov 21 j 14:11	0°♏40'44	-1°-39'-8
minimum elong	-3938 Nov 21 j 08:42	0°♏17'44	1°38'49
evening rise	-3938 Dec 03 j 12:38	21°♏25'00	
	-3938 Dec 08 j 08:55	0°♐	
asc. node	-3938 Dec 18 j 21:12	16°♐19'15	
evening max el	-3938 Dec 20 j 11:50	18°♐05'08	18°07'59
retrograde	-3938 Dec 27 j 03:03	21°♐33'15	
evening set	-3938 Dec 29 j 19:06	20°♐59'11	
inferior conj	-3937 Jan 05 j 08:37	15°♐50'47	3°59'26
minimum elong	-3937 Jan 05 j 07:12	15°♐54'22	3°59'11
min. Earth dist.	-3937 Jan 08 j 05:35	12°♐58'47	0.62013 AU
morning rise	-3937 Jan 11 j 17:07	10°♐00'48	
direct	-3937 Jan 18 j 18:01	7°♐28'36	
desc. node	-3937 Jan 30 j 08:20	13°♐00'02	
morning max el	-3937 Feb 01 j 17:44	15°♐12'30	27°41'39
	-3937 Feb 13 j 20:27	0°♑	
	-3937 Mar 03 j 14:28	0°♒	
morning set	-3937 Mar 06 j 20:05	6°♒26'41	
max. Earth dist.	-3937 Mar 12 j 17:57	18°♒52'41	1.32808 AU
superior conj	-3937 Mar 14 j 05:41	22°♒06'02	0°-27'-4
minimum elong	-3937 Mar 14 j 06:54	22°♒12'38	0°26'56
asc. node	-3937 Mar 16 j 20:35	27°♒47'59	
	-3937 Mar 17 j 20:55	0°♓	
evening rise	-3937 Mar 21 j 06:46	7°♓18'04	
	-3937 Apr 02 j 07:06	0°♈	
evening max el	-3937 Apr 15 j 10:04	17°♈07'02	24°25'37
desc. node	-3937 Apr 28 j 07:09	24°♈05'35	
retrograde	-3937 Apr 29 j 08:04	24°♈08'04	
evening set	-3937 May 03 j 21:35	23°♈21'10	
min. Earth dist.	-3937 May 09 j 21:57	20°♈20'25	0.56804 AU
inferior conj	-3937 May 12 j 14:46	18°♈37'00	-3°-27'-16
minimum elong	-3937 May 12 j 09:11	18°♈45'58	3°26'04
morning rise	-3937 May 21 j 00:55	14°♈31'30	
direct	-3937 May 23 j 12:11	14°♈14'50	
morning max el	-3937 Jun 01 j 22:15	18°♈37'19	19°30'09
	-3937 Jun 10 j 13:49	0°♉	
asc. node	-3937 Jun 12 j 20:13	3°♉54'54	
morning set	-3937 Jun 19 j 05:21	16°♉08'17	
	-3937 Jun 26 j 03:23	0°♊	
superior conj	-3937 Jun 27 j 09:36	2°♊28'58	1°45'32
minimum elong	-3937 Jun 27 j 08:01	2°♊21'15	1°45'36
max. Earth dist.	-3937 Jul 03 j 08:45	13°♊53'08	1.37610 AU
evening rise	-3937 Jul 07 j 06:25	20°♊58'39	
	-3937 Jul 12 j 11:41	0°♋	
desc. node	-3937 Jul 25 j 06:08	19°♋59'47	
	-3937 Aug 01 j 11:09	0°♌	
evening max el	-3937 Aug 12 j 02:19	12°♌26'55	25°13'07
retrograde	-3937 Aug 23 j 23:19	19°♌20'40	
evening set	-3937 Aug 29 j 19:26	16°♌51'32	
min. Earth dist.	-3937 Sep 03 j 06:59	11°♌47'51	0.66948 AU
inferior conj	-3937 Sep 04 j 05:58	10°♌32'30	-1°-31'-8
minimum elong	-3937 Sep 04 j 08:05	10°♌25'34	1°30'10
asc. node	-3937 Sep 08 j 19:25	5°♌18'50	
morning rise	-3937 Sep 09 j 21:13	4°♌29'39	
direct	-3937 Sep 13 j 07:38	3°♌21'18	
morning max el	-3937 Sep 20 j 18:10	7°♌38'32	19°44'41
greatest brilliancy	-3937 Sep 28 j 22:28	17°♌58'56	-0.6m
	-3937 Oct 07 j 00:39	0°♍	
morning set	-3937 Oct 15 j 21:09	13°♍38'29	
desc. node	-3937 Oct 21 j 05:48	21°♍59'37	
	-3937 Oct 26 j 08:02	0°♎	
max. Earth dist.	-3937 Oct 28 j 10:10	3°♎18'42	1.44173 AU
superior conj	-3937 Nov 01 j 15:10	10°♎02'39	-1°-8'-17
minimum elong	-3937 Nov 01 j 08:14	9°♎34'46	1°07'33
	-3937 Nov 13 j 17:51	0°♏	
evening rise	-3937 Nov 15 j 12:12	2°♏58'39	
	-3937 Dec 02 j 17:44	0°♐	
evening max el	-3937 Dec 04 j 00:32	1°♐24'03	18°19'58
asc. node	-3937 Dec 05 j 18:16	2°♐59'00	
retrograde	-3937 Dec 10 j 13:58	4°♐58'35	
evening set	-3937 Dec 13 j 09:51	4°♐15'52	
	-3937 Dec 18 j 11:45	30°℞♏	
inferior conj	-3937 Dec 19 j 13:52	28°♏47'52	3°39'19
minimum elong	-3937 Dec 19 j 11:05	28°♏55'37	3°38'41
min. Earth dist.	-3937 Dec 21 j 20:40	26°♏14'53	0.63759 AU
morning rise	-3937 Dec 25 j 10:48	22°♏47'07	
direct	-3936 Jan 01 j 10:26	19°♏58'50	
morning max el	-3936 Jan 15 j 01:42	27°♏42'57	27°32'55
desc. node	-3936 Jan 17 j 05:25	29°♏56'51	
	-3936 Jan 17 j 06:35	0°♐	
	-3936 Feb 07 j 12:32	0°♑	
morning set	-3936 Feb 18 j 17:46	20°♑38'06	
	-3936 Feb 23 j 08:06	0°♒	
max. Earth dist.	-3936 Feb 23 j 22:24	1°♒14'45	1.33433 AU
superior conj	-3936 Feb 26 j 13:14	6°♒47'26	0°-51'-40
minimum elong	-3936 Feb 26 j 15:28	6°♒59'24	0°51'25
asc. node	-3936 Mar 02 j 17:35	17°♒53'55	
evening rise	-3936 Mar 04 j 18:16	22°♒11'36	
	-3936 Mar 08 j 13:55	0°♓	
evening max el	-3936 Mar 27 j 02:34	27°♓50'03	22°51'36
	-3936 Mar 29 j 14:03	0°♈	
retrograde	-3936 Apr 09 j 08:10	4°♈19'56	
evening set	-3936 Apr 12 j 15:04	3°♈56'18	
desc. node	-3936 Apr 14 j 04:15	3°♈29'44	
min. Earth dist.	-3936 Apr 20 j 12:30	0°♈26'50	0.55562 AU
	-3936 Apr 21 j 07:07	30°℞♓	
inferior conj	-3936 Apr 21 j 21:23	29°♓39'18	-2°-3'-45
minimum elong	-3936 Apr 21 j 16:16	29°♓46'44	2°02'11
morning rise	-3936 Apr 30 j 20:06	25°♓42'15	
direct	-3936 May 03 j 09:30	25°♓26'46	
	-3936 May 13 j 18:57	0°♈	
morning max el	-3936 May 14 j 11:19	0°♈36'57	20°41'34
asc. node	-3936 May 29 j 17:16	23°♈16'42	
morning set	-3936 Jun 02 j 11:17	0°♉46'14	
	-3936 Jun 02 j 02:13	0°♉	
superior conj	-3936 Jun 10 j 03:12	16°♉34'24	1°34'44
minimum elong	-3936 Jun 10 j 00:42	16°♉21'40	1°34'37
max. Earth dist.	-3936 Jun 14 j 16:03	25°♉39'12	1.35908 AU
	-3936 Jun 16 j 21:59	0°♊	
evening rise	-3936 Jun 18 j 22:13	3°♊47'31	
	-3936 Jul 04 j 09:32	0°♋	
desc. node	-3936 Jul 11 j 03:08	9°♋49'12	
evening max el	-3936 Jul 24 j 13:18	25°♋58'03	26°18'58
	-3936 Jul 29 j 06:24	0°♌	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-3936 Aug 06 j 06:06	3°♌10'55	
evening set	-3936 Aug 12 j 16:23	0°♌28'45	
	-3936 Aug 13 j 05:22	30℞♋	
min. Earth dist.	-3936 Aug 16 j 19:42	26°♋03'18	0.66216 AU
inferior conj	-3936 Aug 18 j 06:42	24°♋15'04	-2°-21'-39
minimum elong	-3936 Aug 18 j 09:51	24°♋05'20	2°20'25
morning rise	-3936 Aug 24 j 04:09	18°♋23'19	
asc. node	-3936 Aug 25 j 16:33	17°♋43'16	
direct	-3936 Aug 27 j 05:45	17°♋29'32	
morning max el	-3936 Sep 03 j 02:22	21°♋20'51	18°52'28
	-3936 Sep 09 j 21:36	0°♌	
morning set	-3936 Sep 24 j 13:18	22°♌49'18	
	-3936 Sep 29 j 01:54	0°♍	
desc. node	-3936 Oct 07 j 02:45	12°♍41'00	
max. Earth dist.	-3936 Oct 10 j 02:52	17°♍25'06	1.44791 AU
superior conj	-3936 Oct 10 j 18:40	18°♍27'22	0°-23'-6
minimum elong	-3936 Oct 10 j 15:39	18°♍15'28	0°22'41
	-3936 Oct 18 j 01:48	0°♎	
evening rise	-3936 Oct 26 j 12:17	13°♎30'22	
	-3936 Nov 05 j 18:45	0°♏	
evening max el	-3936 Nov 16 j 12:05	14°♏48'41	18°49'57
asc. node	-3936 Nov 21 j 15:24	18°♏23'46	
retrograde	-3936 Nov 23 j 07:11	18°♏39'02	
evening set	-3936 Nov 26 j 08:35	17°♏45'39	
inferior conj	-3936 Dec 02 j 05:13	12°♏00'33	3°06'20
minimum elong	-3936 Dec 02 j 02:03	12°♏10'13	3°05'24
min. Earth dist.	-3936 Dec 03 j 21:22	9°♏58'08	0.65174 AU
morning rise	-3936 Dec 07 j 18:26	5°♏51'59	
direct	-3936 Dec 14 j 09:25	3°♏02'38	
morning max el	-3936 Dec 27 j 11:13	10°♏37'46	26°52'03
desc. node	-3935 Jan 03 j 02:28	18°♏05'19	
	-3935 Jan 11 j 21:42	0°♐	
	-3935 Jan 29 j 23:30	0°♑	
morning set	-3935 Feb 01 j 05:04	4°♑12'57	
max. Earth dist.	-3935 Feb 05 j 16:41	13°♑01'37	1.34491 AU
superior conj	-3935 Feb 09 j 15:41	21°♑08'25	-1°-14'-36
minimum elong	-3935 Feb 09 j 18:40	21°♑23'53	1°14'19
	-3935 Feb 13 j 20:58	0°♒	
evening rise	-3935 Feb 17 j 04:00	6°♒53'52	
asc. node	-3935 Feb 17 j 14:36	7°♒48'44	
	-3935 Mar 01 j 19:50	0°♓	
evening max el	-3935 Mar 09 j 00:59	8°♓46'47	21°21'26
retrograde	-3935 Mar 20 j 22:26	14°♓28'54	
evening set	-3935 Mar 23 j 10:54	14°♓14'26	
desc. node	-3935 Apr 01 j 01:24	10°♓37'12	
inferior conj	-3935 Apr 01 j 17:14	10°♓14'54	0°-10'-59
minimum elong	-3935 Apr 01 j 16:43	10°♓15'38	0°10'52
transit middle	-3935 Apr 01 j 16:43	10°♓15'38	0°10'52
transit begin	-3935 Apr 01 j 13:44	10°♓19'50	
transit end	-3935 Apr 01 j 19:42	10°♓11'25	
min. Earth dist.	-3935 Apr 02 j 02:34	10°♓01'45	0.55166 AU
morning rise	-3935 Apr 10 j 22:18	6°♓10'18	
direct	-3935 Apr 13 j 21:58	5°♓50'45	
morning max el	-3935 Apr 26 j 13:24	11°♓54'01	22°10'10
	-3935 May 09 j 19:33	0°♈	
asc. node	-3935 May 16 j 14:17	12°♈59'45	
morning set	-3935 May 17 j 21:09	15°♈38'46	
	-3935 May 24 j 16:23	0°♉	
superior conj	-3935 May 25 j 04:54	1°♉05'56	1°18'44
minimum elong	-3935 May 25 j 02:14	0°♉51'51	1°18'27
max. Earth dist.	-3935 May 28 j 09:09	7°♉42'20	1.34539 AU
evening rise	-3935 Jun 02 j 05:47	17°♉25'17	
	-3935 Jun 09 j 00:28	0°♊	
desc. node	-3935 Jun 28 j 00:11	29°♊06'46	
	-3935 Jun 28 j 16:51	0°♋	
evening max el	-3935 Jul 07 j 00:52	9°♋23'19	27°05'17
retrograde	-3935 Jul 20 j 07:32	16°♋44'52	
evening set	-3935 Jul 27 j 05:12	13°♋58'01	
min. Earth dist.	-3935 Jul 31 j 01:15	10°♋10'58	0.65115 AU
inferior conj	-3935 Aug 02 j 01:35	7°♋52'57	-3°-7'-34
minimum elong	-3935 Aug 02 j 05:20	7°♋42'13	3°06'21
morning rise	-3935 Aug 08 j 06:46	2°♋15'44	
direct	-3935 Aug 11 j 01:53	1°♋33'18	
asc. node	-3935 Aug 12 j 13:40	1°♋45'18	
morning max el	-3935 Aug 17 j 15:09	5°♋07'02	18°16'44
	-3935 Sep 03 j 08:20	0°♌	
morning set	-3935 Sep 05 j 08:41	3°♌20'09	
superior conj	-3935 Sep 19 j 20:11	26°♌51'17	0°26'10
minimum elong	-3935 Sep 19 j 23:23	27°♌04'03	0°25'50
	-3935 Sep 21 j 19:43	0°♍	
max. Earth dist.	-3935 Sep 22 j 21:12	1°♍40'51	1.44684 AU
desc. node	-3935 Sep 23 j 23:41	3°♍25'23	
evening rise	-3935 Oct 06 j 11:45	22°♍59'58	
	-3935 Oct 10 j 23:42	0°♎	
greatest brilliancy	-3935 Oct 22 j 08:18	17°♎17'43	-0.7m
evening max el	-3935 Oct 30 j 20:03	28°♎15'30	19°36'23
	-3935 Nov 01 j 16:23	0°♏	
retrograde	-3935 Nov 07 j 03:38	2°♏30'13	
asc. node	-3935 Nov 08 j 12:33	2°♏19'20	
evening set	-3935 Nov 10 j 12:36	1°♏23'43	
	-3935 Nov 12 j 05:57	30℞♎	
inferior conj	-3935 Nov 16 j 03:42	25°♎24'30	2°24'40
minimum elong	-3935 Nov 16 j 00:50	25°♎33'50	2°23'37
min. Earth dist.	-3935 Nov 17 j 06:23	23°♎57'43	0.66231 AU
morning rise	-3935 Nov 21 j 12:21	19°♎10'30	
direct	-3935 Nov 27 j 14:05	16°♎31'55	
morning max el	-3935 Dec 09 j 20:27	23°♎46'06	25°46'31
	-3935 Dec 15 j 10:57	0°♏	
desc. node	-3935 Dec 20 j 23:29	7°♏04'27	
	-3934 Jan 05 j 06:48	0°♐	
morning set	-3934 Jan 15 j 01:32	16°♐58'08	
max. Earth dist.	-3934 Jan 18 j 23:26	24°♐17'47	1.35995 AU
	-3934 Jan 21 j 21:57	0°♑	
superior conj	-3934 Jan 24 j 10:29	5°♑01'10	-1°-34'-18
minimum elong	-3934 Jan 24 j 13:36	5°♑16'53	1°34'09
evening rise	-3934 Feb 01 j 10:03	21°♑18'56	
asc. node	-3934 Feb 04 j 11:38	27°♑27'27	
	-3934 Feb 05 j 19:04	0°♒	
evening max el	-3934 Feb 19 j 09:09	20°♒14'47	20°04'45
retrograde	-3934 Mar 01 j 14:19	25°♒05'43	
evening set	-3934 Mar 03 j 21:43	24°♒51'57	
inferior conj	-3934 Mar 12 j 16:08	20°♒51'58	1°41'02
minimum elong	-3934 Mar 12 j 20:11	20°♒45'49	1°39'39
min. Earth dist.	-3934 Mar 14 j 16:36	19°♒38'49	0.55701 AU
desc. node	-3934 Mar 18 j 22:33	17°♒23'18	
morning rise	-3934 Mar 21 j 15:56	16°♒23'35	
direct	-3934 Mar 25 j 13:40	15°♒50'05	
morning max el	-3934 Apr 08 j 07:06	22°♒38'31	23°48'41
	-3934 Apr 14 j 18:32	0°♓	
morning set	-3934 May 02 j 09:01	0°♈39'33	
	-3934 May 02 j 01:27	0°♈	
asc. node	-3934 May 03 j 11:15	2°♈57'47	
superior conj	-3934 May 09 j 11:57	15°♈54'47	0°58'59
minimum elong	-3934 May 09 j 09:39	15°♈42'24	0°58'37
max. Earth dist.	-3934 May 11 j 11:49	20°♈10'41	1.33536 AU
	-3934 May 16 j 05:09	0°♉	
evening rise	-3934 May 17 j 00:36	1°♉38'00	
	-3934 Jun 01 j 22:36	0°♊	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-3934 Jun 14 j 21:17	17°♊38'31	
evening max el	-3934 Jun 19 j 11:24	22°♊29'53	27°24'59
retrograde	-3934 Jul 03 j 03:10	29°♊53'37	
evening set	-3934 Jul 10 j 06:41	27°♊13'45	
min. Earth dist.	-3934 Jul 13 j 21:33	24°♊01'03	0.63633 AU
inferior conj	-3934 Jul 16 j 11:57	21°♊20'07	-3°-45'-51
minimum elong	-3934 Jul 16 j 15:33	21°♊10'48	3°45'00
morning rise	-3934 Jul 23 j 02:19	16°♊00'47	
direct	-3934 Jul 25 j 17:10	15°♊26'56	
asc. node	-3934 Jul 30 j 10:45	17°♊16'55	
morning max el	-3934 Aug 01 j 06:00	18°♊51'47	17°58'33
	-3934 Aug 09 j 09:36	0°♋	
morning set	-3934 Aug 18 j 05:36	15°♋03'50	
	-3934 Aug 26 j 22:58	0°♌	
superior conj	-3934 Aug 30 j 16:50	6°♌13'45	1°07'13
minimum elong	-3934 Aug 30 j 22:38	6°♌37'38	1°06'43
max. Earth dist.	-3934 Sep 05 j 13:36	15°♌45'40	1.43869 AU
desc. node	-3934 Sep 10 j 20:39	24°♌09'28	
	-3934 Sep 14 j 14:30	0°♍	
evening rise	-3934 Sep 15 j 18:02	1°♍46'38	
	-3934 Oct 04 j 15:33	0°♎	
greatest brilliancy	-3934 Oct 07 j 20:41	4°♎23'58	-0.5m
evening max el	-3934 Oct 13 j 22:34	11°♎41'32	20°37'20
retrograde	-3934 Oct 22 j 00:53	16°♎28'17	
evening set	-3934 Oct 25 j 19:36	15°♎06'07	
asc. node	-3934 Oct 26 j 09:41	14°♎38'31	
inferior conj	-3934 Oct 31 j 06:51	8°♎56'09	1°37'06
minimum elong	-3934 Oct 31 j 04:45	9°♎03'17	1°36'16
min. Earth dist.	-3934 Oct 31 j 21:38	8°♎06'01	0.66941 AU
morning rise	-3934 Nov 05 j 13:27	2°♎39'10	
direct	-3934 Nov 10 j 23:57	0°♎18'36	
morning max el	-3934 Nov 22 j 05:12	6°♎59'45	24°25'37
desc. node	-3934 Dec 07 j 20:28	26°♎39'05	
	-3934 Dec 10 j 04:02	0°♏	
morning set	-3934 Dec 28 j 01:27	28°♏37'43	
	-3934 Dec 28 j 20:16	0°♐	
max. Earth dist.	-3934 Dec 31 j 21:22	5°♐25'41	1.37871 AU
superior conj	-3933 Jan 07 j 18:10	18°♐15'49	-1°-48'-40
minimum elong	-3933 Jan 07 j 20:29	18°♐26'59	1°48'43
	-3933 Jan 13 j 17:41	0°♑	
evening rise	-3933 Jan 16 j 10:10	5°♑20'00	
asc. node	-3933 Jan 22 j 08:41	16°♑43'55	
	-3933 Jan 30 j 23:48	0°♒	
evening max el	-3933 Feb 02 j 03:43	2°♒18'33	19°06'30
retrograde	-3933 Feb 10 j 19:50	6°♒27'30	
evening set	-3933 Feb 13 j 04:36	6°♒10'18	
inferior conj	-3933 Feb 21 j 06:21	1°♒56'39	3°04'13
minimum elong	-3933 Feb 21 j 11:10	1°♒48'17	3°02'59
	-3933 Feb 24 j 01:59	30°℞♑	
min. Earth dist.	-3933 Feb 24 j 07:49	29°♑50'16	0.57029 AU
morning rise	-3933 Mar 01 j 13:57	26°♑57'52	
desc. node	-3933 Mar 05 j 19:39	25°♑58'04	
direct	-3933 Mar 06 j 17:02	25°♑56'11	
	-3933 Mar 17 j 03:12	0°♒	
morning max el	-3933 Mar 20 j 22:07	3°♒14'35	25°24'33
	-3933 Apr 08 j 21:41	0°♓	
morning set	-3933 Apr 16 j 21:12	15°♓42'44	
asc. node	-3933 Apr 20 j 08:13	23°♓05'58	
superior conj	-3933 Apr 23 j 22:15	0°♈54'01	0°36'36
minimum elong	-3933 Apr 23 j 20:42	0°♈45'35	0°36'17
	-3933 Apr 23 j 12:20	0°♈	
max. Earth dist.	-3933 Apr 24 j 21:28	3°♈00'20	1.32889 AU
evening rise	-3933 May 01 j 03:12	16°♈14'58	
	-3933 May 08 j 04:24	0°♉	
	-3933 May 27 j 23:47	0°♊	
desc. node	-3933 Jun 01 j 18:22	5°♊05'06	
evening max el	-3933 Jun 01 j 18:30	5°♊05'24	27°13'14
retrograde	-3933 Jun 15 j 16:24	12°♊28'12	
evening set	-3933 Jun 22 j 16:59	10°♊09'28	
min. Earth dist.	-3933 Jun 26 j 07:56	7°♊20'41	0.61812 AU
inferior conj	-3933 Jun 29 j 10:43	4°♊29'47	-4°-11'-58
minimum elong	-3933 Jun 29 j 12:59	4°♊24'35	4°11'37
	-3933 Jul 05 j 08:35	30°℞♉	
morning rise	-3933 Jul 06 j 11:41	29°♉31'01	
direct	-3933 Jul 09 j 00:08	29°♉03'41	
	-3933 Jul 12 j 13:19	0°♊	
morning max el	-3933 Jul 15 j 20:12	2°♊29'06	17°58'44
asc. node	-3933 Jul 17 j 07:47	4°♊03'31	
morning set	-3933 Jul 31 j 22:44	27°♊45'49	
	-3933 Aug 02 j 04:15	0°♋	
superior conj	-3933 Aug 11 j 17:06	16°♋58'47	1°34'05
minimum elong	-3933 Aug 11 j 21:30	17°♋17'49	1°33'54
max. Earth dist.	-3933 Aug 19 j 00:50	29°♋20'17	1.42463 AU
	-3933 Aug 19 j 10:30	0°♌	
evening rise	-3933 Aug 26 j 01:09	10°♌37'54	
desc. node	-3933 Aug 28 j 17:37	14°♌50'09	
	-3933 Sep 07 j 18:09	0°♍	
greatest brilliancy	-3933 Sep 21 j 22:01	19°♍33'55	-0.4m
evening max el	-3933 Sep 26 j 18:48	25°♍06'45	21°49'48
	-3933 Oct 03 j 08:04	0°♎	
retrograde	-3933 Oct 05 j 21:03	0°♎30'58	
	-3933 Oct 08 j 06:40	30°℞♍	
evening set	-3933 Oct 10 j 03:38	28°♍50'50	
asc. node	-3933 Oct 13 j 06:47	25°♍34'14	
inferior conj	-3933 Oct 15 j 12:39	22°♍33'48	0°45'51
minimum elong	-3933 Oct 15 j 11:36	22°♍37'25	0°45'26
min. Earth dist.	-3933 Oct 15 j 16:46	22°♍19'37	0.67335 AU
morning rise	-3933 Oct 20 j 19:21	16°♍16'38	
direct	-3933 Oct 25 j 14:34	14°♍17'14	
morning max el	-3933 Nov 04 j 15:17	20°♍16'25	22°59'05
greatest brilliancy	-3933 Nov 09 j 12:57	25°♍47'11	-0.3m
	-3933 Nov 12 j 21:02	0°♎	
desc. node	-3933 Nov 24 j 17:26	16°♎39'13	
	-3933 Dec 03 j 10:05	0°♏	
morning set	-3933 Dec 08 j 22:50	8°♏57'09	
max. Earth dist.	-3933 Dec 13 j 17:12	16°♏59'08	1.39938 AU
superior conj	-3933 Dec 21 j 10:19	0°♐40'42	-1°-54'-50
minimum elong	-3933 Dec 21 j 10:28	0°♐41'23	1°55'00
	-3933 Dec 21 j 01:25	0°♐	
evening rise	-3933 Dec 31 j 01:34	18°♐50'05	
	-3932 Jan 06 j 00:53	0°♑	
asc. node	-3932 Jan 09 j 05:44	5°♑30'17	
evening max el	-3932 Jan 16 j 06:56	14°♑53'16	18°28'10
retrograde	-3932 Jan 23 j 19:33	18°♑34'45	
evening set	-3932 Jan 26 j 07:08	18°♑11'54	
inferior conj	-3932 Feb 02 j 16:50	13°♑38'13	3°49'43
minimum elong	-3932 Feb 02 j 19:25	13°♑32'59	3°49'17
min. Earth dist.	-3932 Feb 06 j 02:12	10°♑55'32	0.58875 AU
morning rise	-3932 Feb 10 j 04:13	8°♑14'11	
direct	-3932 Feb 16 j 09:43	6°♑33'56	
desc. node	-3932 Feb 20 j 16:45	7°♑19'58	
morning max el	-3932 Mar 01 j 16:01	14°♑08'09	26°42'33
	-3932 Mar 14 j 08:26	0°♒	
morning set	-3932 Mar 31 j 07:57	0°♓40'39	
	-3932 Mar 31 j 00:09	0°♓	
asc. node	-3932 Apr 06 j 05:11	13°♓18'53	
superior conj	-3932 Apr 07 j 09:53	15°♓55'58	0°12'29
minimum elong	-3932 Apr 07 j 09:21	15°♓52'57	0°12'18

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

behind sun begin	-3932 Apr 07 j 06:12	15°♓35'44	
behind sun end	-3932 Apr 07 j 12:29	16°♓10'10	
max. Earth dist.	-3932 Apr 07 j 10:26	15°♓58'58	1.32583 AU
	-3932 Apr 13 j 22:16	0°♈	
evening rise	-3932 Apr 14 j 10:51	1°♈05'51	
	-3932 Apr 30 j 07:44	0°♉	
evening max el	-3932 May 13 j 20:05	17°♉00'26	26°28'56
desc. node	-3932 May 18 j 15:28	20°♉58'32	
retrograde	-3932 May 27 j 21:55	24°♉19'38	
evening set	-3932 Jun 03 j 07:55	22°♉34'55	
min. Earth dist.	-3932 Jun 07 j 09:19	19°♉53'59	0.59786 AU
inferior conj	-3932 Jun 10 j 18:18	17°♉12'37	-4°-18'-54
minimum elong	-3932 Jun 10 j 17:47	17°♉13'39	4°18'47
morning rise	-3932 Jun 18 j 07:13	12°♉35'46	
direct	-3932 Jun 20 j 18:39	12°♉13'24	
morning max el	-3932 Jun 28 j 06:50	15°♉50'27	18°18'14
asc. node	-3932 Jul 03 j 04:47	21°♉49'06	
	-3932 Jul 08 j 05:28	0°♊	
morning set	-3932 Jul 14 j 06:53	11°♊12'27	
superior conj	-3932 Jul 23 j 18:33	28°♊59'07	1°47'02
minimum elong	-3932 Jul 23 j 20:14	29°♊06'48	1°47'07
	-3932 Jul 24 j 07:56	0°♋	
max. Earth dist.	-3932 Jul 31 j 06:02	12°♋12'25	1.40660 AU
evening rise	-3932 Aug 05 j 03:15	20°♋23'48	
	-3932 Aug 11 j 02:54	0°♌	
desc. node	-3932 Aug 14 j 14:36	5°♌23'35	
	-3932 Sep 01 j 00:02	0°♍	
greatest brilliancy	-3932 Sep 02 j 21:14	2°♍20'54	-0.2m
evening max el	-3932 Sep 08 j 09:39	8°♍32'57	23°09'22
retrograde	-3932 Sep 18 j 14:36	14°♍35'44	
evening set	-3932 Sep 23 j 10:59	12°♍36'09	
inferior conj	-3932 Sep 28 j 19:19	6°♍15'44	0°-7'-19
minimum elong	-3932 Sep 28 j 19:29	6°♍15'10	0°07'11
transit middle	-3932 Sep 28 j 19:29	6°♍15'10	0°07'11
transit begin	-3932 Sep 28 j 17:04	6°♍23'31	
transit end	-3932 Sep 28 j 21:55	6°♍06'49	
min. Earth dist.	-3932 Sep 28 j 13:15	6°♍36'38	0.67426 AU
asc. node	-3932 Sep 29 j 03:53	5°♍46'19	
morning rise	-3932 Oct 04 j 03:59	0°♍01'34	
	-3932 Oct 04 j 04:48	30°℞♌	
direct	-3932 Oct 08 j 09:03	28°♌23'30	
	-3932 Oct 12 j 23:12	0°♍	
morning max el	-3932 Oct 17 j 05:52	3°♍38'33	21°35'36
greatest brilliancy	-3932 Oct 22 j 08:11	9°♍30'15	-0.4m
	-3932 Nov 05 j 23:38	0°♎	
desc. node	-3932 Nov 10 j 14:24	6°♎57'38	
morning set	-3932 Nov 17 j 15:53	17°♎56'11	
max. Earth dist.	-3932 Nov 24 j 18:12	29°♎24'21	1.41916 AU
	-3932 Nov 25 j 02:50	0°♏	
superior conj	-3932 Dec 02 j 05:32	12°♏02'58	-1°-49'-13
minimum elong	-3932 Dec 02 j 02:10	11°♏48'25	1°49'11
	-3932 Dec 12 j 06:33	0°♐	
evening rise	-3932 Dec 13 j 04:55	1°♐42'11	
asc. node	-3932 Dec 26 j 02:48	23°♐37'28	
evening max el	-3932 Dec 29 j 16:10	27°♐51'32	18°09'46
	-3931 Jan 01 j 07:14	0°♑	
retrograde	-3931 Jan 05 j 12:09	1°♑20'29	
evening set	-3931 Jan 08 j 02:36	0°♑50'41	
	-3931 Jan 09 j 20:24	30°℞♐	
inferior conj	-3931 Jan 14 j 22:42	25°♐54'54	4°02'56
minimum elong	-3931 Jan 14 j 22:32	25°♐55'18	4°02'47
min. Earth dist.	-3931 Jan 18 j 02:33	22°♐59'43	0.60896 AU
morning rise	-3931 Jan 21 j 15:52	20°♐13'07	
direct	-3931 Jan 28 j 13:15	17°♐56'32	
desc. node	-3931 Feb 06 j 13:50	21°♐19'47	
morning max el	-3931 Feb 11 j 15:52	25°♐37'49	27°30'20
	-3931 Feb 15 j 17:50	0°♑	
	-3931 Mar 07 j 16:52	0°♒	
morning set	-3931 Mar 15 j 15:26	15°♒26'36	
max. Earth dist.	-3931 Mar 21 j 23:11	28°♒54'03	1.32624 AU
	-3931 Mar 22 j 11:17	0°♓	
superior conj	-3931 Mar 22 j 21:17	0°♓54'30	0°-12'-33
minimum elong	-3931 Mar 22 j 21:51	0°♓57'37	0°12'33
behind sun begin	-3931 Mar 22 j 18:46	0°♓40'45	
behind sun end	-3931 Mar 23 j 00:56	1°♓14'29	
asc. node	-3931 Mar 24 j 02:11	3°♓32'21	
evening rise	-3931 Mar 29 j 21:26	16°♓03'04	
	-3931 Apr 05 j 21:34	0°♈	
evening max el	-3931 Apr 25 j 15:40	28°♈14'51	25°16'19
	-3931 Apr 27 j 14:15	0°♉	
desc. node	-3931 May 05 j 12:34	4°♉43'43	
retrograde	-3931 May 09 j 17:13	5°♉24'51	
evening set	-3931 May 15 j 01:04	4°♉18'46	
min. Earth dist.	-3931 May 20 j 04:01	1°♉29'09	0.57803 AU
	-3931 May 22 j 08:01	30°℞♈	
inferior conj	-3931 May 23 j 07:16	29°♈19'26	-3°-56'-58
minimum elong	-3931 May 23 j 03:12	29°♈26'31	3°56'21
morning rise	-3931 May 31 j 09:24	25°♈03'28	
direct	-3931 Jun 02 j 20:39	24°♈44'57	
morning max el	-3931 Jun 11 j 10:58	28°♈46'45	18°57'56
	-3931 Jun 12 j 16:15	0°♉	
asc. node	-3931 Jun 20 j 01:49	10°♉20'23	
morning set	-3931 Jun 28 j 01:54	25°♉13'26	
	-3931 Jun 30 j 12:05	0°♊	
superior conj	-3931 Jul 06 j 15:37	11°♊59'31	1°48'38
minimum elong	-3931 Jul 06 j 14:59	11°♊56'29	1°48'46
max. Earth dist.	-3931 Jul 13 j 08:05	24°♊25'03	1.38710 AU
	-3931 Jul 16 j 11:45	0°♋	
evening rise	-3931 Jul 17 j 07:31	1°♋25'46	
desc. node	-3931 Aug 01 j 11:35	25°♋45'00	
	-3931 Aug 04 j 09:18	0°♌	
evening max el	-3931 Aug 21 j 21:16	22°♌01'49	24°29'38
retrograde	-3931 Sep 02 j 04:24	28°♌38'39	
evening set	-3931 Sep 07 j 15:49	26°♌19'45	
min. Earth dist.	-3931 Sep 12 j 08:33	20°♌54'55	0.67219 AU
inferior conj	-3931 Sep 13 j 01:05	19°♌59'27	-1°00'-49
minimum elong	-3931 Sep 13 j 02:31	19°♌54'40	1°00'08
asc. node	-3931 Sep 16 j 01:00	16°♌12'09	
morning rise	-3931 Sep 18 j 13:28	13°♌51'34	
direct	-3931 Sep 22 j 06:10	12°♌33'04	
morning max el	-3931 Sep 30 j 03:19	17°♌08'43	20°21'25
greatest brilliancy	-3931 Oct 06 j 19:31	25°♌14'21	-0.6m
	-3931 Oct 10 j 05:37	0°♍	
morning set	-3931 Oct 27 j 15:03	26°♍09'19	
desc. node	-3931 Oct 28 j 11:21	27°♍28'04	
	-3931 Oct 30 j 02:22	0°♎	
max. Earth dist.	-3931 Nov 07 j 03:06	12°♎42'32	1.43519 AU
superior conj	-3931 Nov 12 j 22:24	22°♎09'08	-1°-28'-8
minimum elong	-3931 Nov 12 j 15:47	21°♎41'53	1°27'35
	-3931 Nov 17 j 15:18	0°♏	
evening rise	-3931 Nov 25 j 15:55	13°♏46'52	
	-3931 Dec 05 j 03:14	0°♐	
asc. node	-3931 Dec 12 j 23:54	10°♐52'59	
evening max el	-3931 Dec 13 j 04:25	11°♐04'31	18°10'50
retrograde	-3931 Dec 19 j 17:41	14°♐33'46	
evening set	-3931 Dec 22 j 11:20	13°♐56'03	
inferior conj	-3931 Dec 28 j 20:30	8°♐38'56	3°52'46
minimum elong	-3931 Dec 28 j 18:23	8°♐44'31	3°52'22
min. Earth dist.	-3931 Dec 31 j 11:36	5°♐53'26	0.62797 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-3930 Jan	03 j 23:36	2°♐44'15	
direct	-3930 Jan	11 j 01:11	0°♐03'27	
desc. node	-3930 Jan	24 j 10:55	7°♐21'42	
morning max el	-3930 Jan	24 j 21:27	7°♐47'21	27°42'14
	-3930 Feb	11 j 00:26	0°♑	
morning set	-3930 Feb	27 j 17:27	29°♑52'35	
	-3930 Feb	27 j 18:55	0°♒	
max. Earth dist.	-3930 Mar	05 j 07:52	11°♒31'50	1.33026 AU
superior conj	-3930 Mar	07 j 06:43	15°♒43'26	0°-37'-38
minimum elong	-3930 Mar	07 j 08:24	15°♒52'28	0°37'26
asc. node	-3930 Mar	10 j 23:12	23°♒42'05	
	-3930 Mar	13 j 21:49	0°♓	
evening rise	-3930 Mar	14 j 09:06	0°♓59'31	
	-3930 Mar	30 j 15:41	0°♈	
evening max el	-3930 Apr	07 j 07:38	9°♈01'32	23°45'59
retrograde	-3930 Apr	21 j 00:05	15°♈51'00	
desc. node	-3930 Apr	22 j 09:41	15°♈46'35	
evening set	-3930 Apr	24 j 23:59	15°♈15'48	
min. Earth dist.	-3930 May	01 j 18:59	12°♈04'32	0.56188 AU
inferior conj	-3930 May	04 j 00:07	10°♈44'00	-2°-56'-40
minimum elong	-3930 May	03 j 18:09	10°♈53'06	2°55'07
morning rise	-3930 May	12 j 15:57	6°♈43'44	
direct	-3930 May	15 j 03:52	6°♈27'48	
morning max el	-3930 May	25 j 06:00	11°♈08'51	19°58'13
asc. node	-3930 Jun	06 j 22:51	29°♈26'29	
	-3930 Jun	07 j 06:02	0°♉	
morning set	-3930 Jun	12 j 04:40	9°♉40'34	
superior conj	-3930 Jun	20 j 03:02	25°♉45'25	1°41'42
minimum elong	-3930 Jun	20 j 00:58	25°♉35'06	1°41'42
	-3930 Jun	22 j 06:27	0°♊	
max. Earth dist.	-3930 Jun	25 j 12:06	6°♊14'55	1.36853 AU
evening rise	-3930 Jun	29 j 11:52	13°♊39'47	
	-3930 Jul	08 j 23:57	0°♋	
desc. node	-3930 Jul	19 j 08:36	15°♋48'51	
	-3930 Jul	30 j 04:41	0°♌	
evening max el	-3930 Aug	04 j 08:02	5°♌33'36	25°42'56
retrograde	-3930 Aug	16 j 13:48	12°♌36'06	
evening set	-3930 Aug	22 j 16:18	10°♌00'35	
min. Earth dist.	-3930 Aug	27 j 00:17	5°♌13'11	0.66689 AU
inferior conj	-3930 Aug	28 j 04:14	3°♌43'41	-1°-52'-56
minimum elong	-3930 Aug	28 j 06:49	3°♌35'24	1°51'50
	-3930 Aug	31 j 06:53	30°♋℞	
morning rise	-3930 Sep	02 j 21:57	27°♋45'19	
asc. node	-3930 Sep	02 j 22:06	27°♋45'05	
direct	-3930 Sep	06 j 04:25	26°♋43'30	
	-3930 Sep	12 j 12:26	0°♌	
morning max el	-3930 Sep	13 j 08:04	0°♌48'09	19°20'33
greatest brilliancy	-3930 Sep	23 j 12:17	14°♌13'36	-0.7m
	-3930 Oct	03 j 18:27	0°♍	
morning set	-3930 Oct	06 j 19:18	4°♍44'23	
desc. node	-3930 Oct	15 j 08:18	18°♍06'48	
max. Earth dist.	-3930 Oct	20 j 18:11	26°♍38'23	1.44532 AU
	-3930 Oct	22 j 21:04	0°♎	
superior conj	-3930 Oct	23 j 12:39	1°♎01'58	0°-50'-25
minimum elong	-3930 Oct	23 j 06:43	0°♎38'21	0°49'42
evening rise	-3930 Nov	07 j 06:00	24°♎55'34	
	-3930 Nov	10 j 07:29	0°♏	
evening max el	-3930 Nov	26 j 16:54	24°♏26'09	18°30'31
asc. node	-3930 Nov	29 j 21:01	27°♏02'46	
retrograde	-3930 Dec	03 j 07:50	28°♏06'26	
evening set	-3930 Dec	06 j 05:52	27°♏19'20	
inferior conj	-3930 Dec	12 j 06:28	21°♏43'21	3°26'35
minimum elong	-3930 Dec	12 j 03:25	21°♏52'12	3°25'48
min. Earth dist.	-3930 Dec	14 j 06:48	19°♏22'43	0.64408 AU
morning rise	-3930 Dec	17 j 23:41	15°♏38'55	
direct	-3930 Dec	24 j 20:13	12°♏48'51	
morning max el	-3929 Jan	07 j 06:33	20°♏30'02	27°19'07
desc. node	-3929 Jan	11 j 07:59	24°♏51'57	
	-3929 Jan	15 j 12:47	0°♐	
	-3929 Feb	04 j 01:11	0°♑	
morning set	-3929 Feb	11 j 11:10	13°♑49'37	
max. Earth dist.	-3929 Feb	16 j 08:36	23°♑40'25	1.33830 AU
	-3929 Feb	19 j 09:13	0°♒	
superior conj	-3929 Feb	19 j 12:21	0°♒16'34	-1°-1'-43
minimum elong	-3929 Feb	19 j 14:58	0°♒30'20	1°01'25
asc. node	-3929 Feb	25 j 20:14	13°♒43'47	
evening rise	-3929 Feb	26 j 20:05	15°♒48'54	
	-3929 Mar	06 j 00:34	0°♓	
evening max el	-3929 Mar	20 j 01:44	19°♓46'17	22°12'01
retrograde	-3929 Apr	01 j 19:16	25°♓57'54	
evening set	-3929 Apr	04 j 16:37	25°♓39'26	
desc. node	-3929 Apr	09 j 06:50	24°♓03'19	
min. Earth dist.	-3929 Apr	13 j 08:55	21°♓53'40	0.55273 AU
inferior conj	-3929 Apr	14 j 00:37	21°♓31'28	-1°-17'-59
minimum elong	-3929 Apr	13 j 21:06	21°♓36'27	1°16'50
morning rise	-3929 Apr	23 j 03:14	17°♓33'55	
direct	-3929 Apr	25 j 19:34	17°♓17'40	
morning max el	-3929 May	07 j 14:20	22°♓50'02	21°17'40
	-3929 May	13 j 18:34	0°♈	
asc. node	-3929 May	24 j 19:52	18°♈58'01	
morning set	-3929 May	27 j 12:31	24°♈25'36	
	-3929 May	30 j 04:52	0°♉	
superior conj	-3929 Jun	04 j 00:29	10°♉03'21	1°28'30
minimum elong	-3929 Jun	03 j 21:50	9°♉49'38	1°28'18
max. Earth dist.	-3929 Jun	07 j 23:15	18°♉05'53	1.35272 AU
evening rise	-3929 Jun	12 j 10:56	26°♉50'58	
	-3929 Jun	14 j 03:11	0°♊	
	-3929 Jul	02 j 08:02	0°♋	
desc. node	-3929 Jul	06 j 05:39	5°♋26'28	
evening max el	-3929 Jul	17 j 19:08	19°♋02'56	26°41'24
retrograde	-3929 Jul	30 j 18:25	26°♋20'58	
evening set	-3929 Aug	06 j 10:10	23°♋35'13	
min. Earth dist.	-3929 Aug	10 j 10:06	19°♋26'35	0.65798 AU
inferior conj	-3929 Aug	12 j 02:45	17°♋24'49	-2°-41'-49
minimum elong	-3929 Aug	12 j 06:13	17°♋14'24	2°40'33
morning rise	-3929 Aug	18 j 03:21	11°♋39'09	
asc. node	-3929 Aug	20 j 19:13	10°♋51'07	
direct	-3929 Aug	21 j 01:52	10°♋50'41	
morning max el	-3929 Aug	27 j 18:36	14°♋33'23	18°35'13
	-3929 Sep	07 j 22:32	0°♌	
morning set	-3929 Sep	16 j 22:41	14°♌28'52	
	-3929 Sep	26 j 15:12	0°♍	
desc. node	-3929 Oct	02 j 05:13	8°♍50'01	
superior conj	-3929 Oct	02 j 12:26	9°♍18'30	0°-1'-54
minimum elong	-3929 Oct	02 j 12:12	9°♍17'31	0°01'50
behind sun begin	-3929 Oct	02 j 00:52	8°♍32'52	
behind sun end	-3929 Oct	02 j 23:31	10°♍02'09	
max. Earth dist.	-3929 Oct	03 j 11:59	10°♍51'15	1.44837 AU
	-3929 Oct	15 j 15:30	0°♎	
evening rise	-3929 Oct	18 j 19:27	5°♎00'42	
	-3929 Nov	03 j 21:44	0°♏	
evening max el	-3929 Nov	10 j 03:06	7°♏51'58	19°07'43
asc. node	-3929 Nov	16 j 18:07	11°♏51'21	
retrograde	-3929 Nov	17 j 02:53	11°♏52'07	
evening set	-3929 Nov	20 j 07:09	10°♏53'35	
inferior conj	-3929 Nov	26 j 01:12	5°♏01'56	2°49'32
minimum elong	-3929 Nov	25 j 22:06	5°♏11'43	2°48'31
min. Earth dist.	-3929 Nov	27 j 11:26	3°♏14'13	0.65665 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3929 Nov 30 j 06:53	30°℞♎	
morning rise	-3929 Dec 01 j 12:07	28°♎50'27	
direct	-3929 Dec 07 j 21:42	26°♎04'33	
	-3929 Dec 16 j 17:50	0°♏	
morning max el	-3929 Dec 20 j 16:22	3°♏33'09	26°26'39
desc. node	-3929 Dec 29 j 05:02	13°♏24'31	
	-3928 Jan 09 j 20:46	0°♐	
morning set	-3928 Jan 25 j 16:50	27°♐05'57	
	-3928 Jan 27 j 05:32	0°♑	
max. Earth dist.	-3928 Jan 29 j 22:05	5°♑13'39	1.35072 AU
superior conj	-3928 Feb 03 j 11:55	14°♑26'54	-1°-23'-29
minimum elong	-3928 Feb 03 j 15:03	14°♑42'59	1°23'14
	-3928 Feb 10 j 23:40	0°♒	
evening rise	-3928 Feb 11 j 04:31	0°♒25'00	
asc. node	-3928 Feb 12 j 17:16	3°♒32'48	
	-3928 Feb 29 j 05:36	0°♓	
evening max el	-3928 Mar 01 j 03:59	0°♓55'18	20°46'49
retrograde	-3928 Mar 12 j 09:02	6°♓15'44	
evening set	-3928 Mar 14 j 17:45	6°♓02'26	
inferior conj	-3928 Mar 23 j 20:04	2°♓04'43	0°38'37
minimum elong	-3928 Mar 23 j 21:49	2°♓02'13	0°37'56
min. Earth dist.	-3928 Mar 24 j 23:13	1°♓25'40	0.55273 AU
desc. node	-3928 Mar 26 j 03:59	0°♓44'59	
	-3928 Mar 27 j 13:22	30°℞♒	
morning rise	-3928 Apr 02 j 00:24	27°♒51'18	
direct	-3928 Apr 05 j 07:44	27°♒27'31	
	-3928 Apr 13 j 13:25	0°♓	
morning max el	-3928 Apr 18 j 12:33	3°♓52'18	22°51'33
	-3928 May 06 j 07:56	0°♈	
morning set	-3928 May 10 j 23:25	9°♈22'18	
asc. node	-3928 May 10 j 16:53	8°♈48'15	
superior conj	-3928 May 18 j 04:45	24°♈43'28	1°10'45
minimum elong	-3928 May 18 j 02:11	24°♈29'47	1°10'25
	-3928 May 20 j 16:49	0°♉	
max. Earth dist.	-3928 May 20 j 20:18	0°♉18'08	1.34060 AU
evening rise	-3928 May 25 j 23:46	10°♉45'08	
	-3928 Jun 05 j 11:59	0°♊	
desc. node	-3928 Jun 22 j 02:43	24°♊26'32	
	-3928 Jun 26 j 22:36	0°♋	
evening max el	-3928 Jun 29 j 06:20	2°♋21'09	27°17'15
retrograde	-3928 Jul 12 j 17:41	9°♋45'08	
evening set	-3928 Jul 19 j 18:36	6°♋59'28	
min. Earth dist.	-3928 Jul 23 j 11:57	3°♋27'50	0.64526 AU
inferior conj	-3928 Jul 25 j 18:19	0°♋58'38	-3°-25'00
minimum elong	-3928 Jul 25 j 22:08	0°♋48'11	3°23'54
	-3928 Jul 26 j 15:51	30°℞♊	
morning rise	-3928 Aug 01 j 03:15	25°♊28'42	
direct	-3928 Aug 03 j 20:09	24°♊50'23	
asc. node	-3928 Aug 06 j 16:17	25°♊32'19	
morning max el	-3928 Aug 10 j 08:35	28°♊19'37	18°06'47
	-3928 Aug 11 j 21:25	0°♋	
morning set	-3928 Aug 28 j 05:26	25°♋31'56	
	-3928 Aug 30 j 21:06	0°♌	
superior conj	-3928 Sep 10 j 20:09	18°♌02'09	0°45'06
minimum elong	-3928 Sep 11 j 01:03	18°♌21'56	0°44'37
max. Earth dist.	-3928 Sep 15 j 05:17	25°♌02'29	1.44417 AU
desc. node	-3928 Sep 18 j 02:10	29°♌34'48	
	-3928 Sep 18 j 08:34	0°♍	
evening rise	-3928 Sep 27 j 09:57	14°♍07'31	
	-3928 Oct 07 j 18:20	0°♎	
greatest brilliancy	-3928 Oct 16 j 02:46	12°♎15'45	-0.6m
evening max el	-3928 Oct 23 j 08:54	21°♎18'44	20°00'42
retrograde	-3928 Oct 30 j 23:54	25°♎46'27	
asc. node	-3928 Nov 02 j 15:13	25°♎06'03	
evening set	-3928 Nov 03 j 12:39	24°♎33'49	
inferior conj	-3928 Nov 09 j 01:57	18°♎29'46	2°05'04
minimum elong	-3928 Nov 08 j 23:21	18°♎38'21	2°04'05
min. Earth dist.	-3928 Nov 09 j 23:29	17°♎18'15	0.66574 AU
morning rise	-3928 Nov 14 j 09:25	12°♎13'59	
direct	-3928 Nov 20 j 04:50	9°♎42'07	
morning max el	-3928 Dec 02 j 01:11	16°♎44'15	25°13'18
	-3928 Dec 13 j 03:00	0°♏	
desc. node	-3928 Dec 15 j 02:00	2°♏40'24	
	-3927 Jan 01 j 19:37	0°♐	
morning set	-3927 Jan 07 j 05:19	9°♐25'28	
max. Earth dist.	-3927 Jan 10 j 23:58	16°♐20'26	1.36752 AU
superior conj	-3927 Jan 17 j 02:27	28°♐04'51	-1°-41'-13
minimum elong	-3927 Jan 17 j 05:22	28°♐19'18	1°41'08
	-3927 Jan 18 j 01:40	0°♑	
evening rise	-3927 Jan 25 j 08:18	14°♑40'25	
asc. node	-3927 Jan 29 j 14:18	23°♑02'50	
	-3927 Feb 02 j 09:52	0°♒	
evening max el	-3927 Feb 11 j 16:46	12°♒39'07	19°37'39
retrograde	-3927 Feb 21 j 05:13	17°♒10'06	
evening set	-3927 Feb 23 j 12:47	16°♒55'17	
inferior conj	-3927 Mar 04 j 00:22	12°♒51'08	2°20'48
minimum elong	-3927 Mar 04 j 05:15	12°♒43'20	2°19'17
min. Earth dist.	-3927 Mar 06 j 13:49	11°♒13'40	0.56184 AU
morning rise	-3927 Mar 12 j 18:14	8°♒09'38	
desc. node	-3927 Mar 13 j 01:06	8°♒04'13	
direct	-3927 Mar 17 j 04:22	7°♒25'36	
morning max el	-3927 Mar 31 j 04:12	14°♒29'19	24°30'34
	-3927 Apr 12 j 08:22	0°♓	
morning set	-3927 Apr 25 j 11:35	24°♓24'13	
asc. node	-3927 Apr 27 j 13:51	28°♓50'57	
	-3927 Apr 28 j 02:44	0°♈	
superior conj	-3927 May 02 j 13:23	9°♈37'10	0°49'46
minimum elong	-3927 May 02 j 11:22	9°♈26'13	0°49'24
max. Earth dist.	-3927 May 04 j 02:11	12°♈55'33	1.33219 AU
evening rise	-3927 May 09 j 22:15	25°♈09'15	
	-3927 May 12 j 08:33	0°♉	
	-3927 May 30 j 00:56	0°♊	
desc. node	-3927 Jun 08 j 23:48	12°♊33'15	
evening max el	-3927 Jun 11 j 15:52	15°♊16'16	27°24'09
retrograde	-3927 Jun 25 j 10:48	22°♊39'48	
evening set	-3927 Jul 02 j 14:07	20°♊07'32	
min. Earth dist.	-3927 Jul 06 j 04:15	17°♊06'18	0.62888 AU
inferior conj	-3927 Jul 09 j 00:10	14°♊19'19	-3°-58'-51
minimum elong	-3927 Jul 09 j 03:22	14°♊11'25	3°58'12
morning rise	-3927 Jul 15 j 18:51	9°♊08'10	
direct	-3927 Jul 18 j 08:25	8°♊37'19	
asc. node	-3927 Jul 24 j 13:20	11°♊37'19	
morning max el	-3927 Jul 24 j 23:25	12°♊01'30	17°56'18
	-3927 Aug 06 j 02:47	0°♋	
morning set	-3927 Aug 10 j 11:40	7°♋42'26	
superior conj	-3927 Aug 22 j 04:16	27°♋58'50	1°20'26
minimum elong	-3927 Aug 22 j 09:49	28°♋22'07	1°20'02
	-3927 Aug 23 j 09:12	0°♌	
max. Earth dist.	-3927 Aug 28 j 19:38	8°♌56'04	1.43333 AU
desc. node	-3927 Sep 04 j 23:07	20°♌18'01	
evening rise	-3927 Sep 06 j 14:03	22°♌49'43	
	-3927 Sep 11 j 05:52	0°♍	
greatest brilliancy	-3927 Sep 30 j 22:49	28°♍24'47	-0.5m
	-3927 Oct 02 j 04:59	0°♎	
evening max el	-3927 Oct 06 j 08:55	4°♎45'23	21°07'01
retrograde	-3927 Oct 14 j 20:48	9°♎47'09	
evening set	-3927 Oct 18 j 20:19	8°♎17'40	
asc. node	-3927 Oct 20 j 12:18	6°♎47'15	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-3927 Oct	24 j 06:28	2°♎04'33	1°15'44
minimum elong	-3927 Oct	24 j 04:47	2°♎10'19	1°15'03
min. Earth dist.	-3927 Oct	24 j 16:39	1°♎29'39	0.67151 AU
	-3927 Oct	25 j 19:12	30°℞♍	
morning rise	-3927 Oct	29 j 12:52	25°♍47'15	
direct	-3927 Nov	03 j 16:56	23°♍35'16	
	-3927 Nov	14 j 10:26	0°♎	
morning max el	-3927 Nov	14 j 09:57	29°♍58'45	23°48'55
desc. node	-3927 Dec	01 j 22:59	22°♎27'19	
	-3927 Dec	07 j 00:35	0°♏	
morning set	-3927 Dec	19 j 18:33	20°♏32'20	
max. Earth dist.	-3927 Dec	23 j 19:59	27°♏35'06	1.38752 AU
	-3927 Dec	25 j 04:33	0°♐	
superior conj	-3927 Dec	31 j 04:10	11°♐00'24	-1°-52'-29
minimum elong	-3927 Dec	31 j 05:45	11°♐07'51	1°52'37
evening rise	-3926 Jan	09 j 05:04	28°♐29'13	
	-3926 Jan	09 j 23:43	0°♑	
asc. node	-3926 Jan	16 j 11:19	12°♑07'22	
evening max el	-3926 Jan	25 j 15:21	24°♑56'58	18°47'39
retrograde	-3926 Feb	02 j 18:06	28°♑51'56	
evening set	-3926 Feb	05 j 04:16	28°♑32'22	
inferior conj	-3926 Feb	12 j 22:56	24°♑10'32	3°27'57
minimum elong	-3926 Feb	13 j 03:01	24°♑02'58	3°27'05
min. Earth dist.	-3926 Feb	16 j 05:46	21°♑46'16	0.57784 AU
morning rise	-3926 Feb	20 j 22:04	19°♑00'27	
direct	-3926 Feb	26 j 13:34	17°♑42'56	
desc. node	-3926 Feb	27 j 22:13	17°♑47'27	
morning max el	-3926 Mar	12 j 19:36	25°♑08'32	26°00'41
	-3926 Mar	17 j 07:42	0°♒	
	-3926 Apr	05 j 07:43	0°♓	
morning set	-3926 Apr	09 j 23:20	9°♓25'24	
asc. node	-3926 Apr	14 j 10:50	19°♓01'19	
superior conj	-3926 Apr	17 j 00:26	24°♓37'40	0°26'31
minimum elong	-3926 Apr	16 j 23:17	24°♓31'24	0°26'15
max. Earth dist.	-3926 Apr	17 j 13:49	25°♓50'46	1.32724 AU
	-3926 Apr	19 j 11:37	0°♈	
evening rise	-3926 Apr	24 j 03:17	9°♈52'51	
	-3926 May	04 j 16:38	0°♉	
evening max el	-3926 May	24 j 21:01	27°♉35'28	26°58'20
desc. node	-3926 May	26 j 20:54	29°♉23'49	
	-3926 May	27 j 14:17	0°♊	
retrograde	-3926 Jun	07 j 20:36	4°♊56'08	
evening set	-3926 Jun	14 j 16:34	2°♊50'51	
min. Earth dist.	-3926 Jun	18 j 10:31	0°♊07'33	0.60962 AU
	-3926 Jun	18 j 14:10	30°℞♉	
inferior conj	-3926 Jun	21 j 16:55	27°♉18'24	-4°-17'-49
minimum elong	-3926 Jun	21 j 18:10	27°♉15'41	4°17'38
morning rise	-3926 Jun	28 j 22:45	22°♉28'39	
direct	-3926 Jul	01 j 10:46	22°♉03'26	
morning max el	-3926 Jul	08 j 12:21	25°♉32'12	18°04'39
asc. node	-3926 Jul	11 j 10:22	28°♉50'16	
	-3926 Jul	12 j 07:21	0°♊	
morning set	-3926 Jul	24 j 11:45	20°♊44'42	
	-3926 Jul	29 j 12:07	0°♋	
superior conj	-3926 Aug	03 j 15:48	9°♋16'54	1°41'10
minimum elong	-3926 Aug	03 j 19:04	9°♋31'23	1°41'07
max. Earth dist.	-3926 Aug	11 j 04:51	22°♋15'33	1.41730 AU
	-3926 Aug	15 j 21:54	0°♌	
evening rise	-3926 Aug	17 j 03:31	1°♌59'06	
desc. node	-3926 Aug	22 j 20:05	10°♌55'53	
	-3926 Sep	04 j 17:14	0°♍	
greatest brilliancy	-3926 Sep	14 j 09:17	12°♍51'40	-0.3m
evening max el	-3926 Sep	19 j 02:44	18°♍10'45	22°23'07
retrograde	-3926 Sep	28 j 15:54	23°♍50'59	
evening set	-3926 Oct	03 j 04:17	22°♍02'29	
asc. node	-3926 Oct	07 j 09:25	17°♍17'41	
inferior conj	-3926 Oct	08 j 12:49	15°♍43'41	0°23'26
minimum elong	-3926 Oct	08 j 12:17	15°♍45'34	0°23'16
min. Earth dist.	-3926 Oct	08 j 12:31	15°♍44'43	0.67414 AU
morning rise	-3926 Oct	13 j 20:09	9°♍27'43	
direct	-3926 Oct	18 j 09:12	7°♍37'34	
morning max el	-3926 Oct	27 j 21:35	13°♍17'09	22°22'51
greatest brilliancy	-3926 Nov	01 j 14:26	18°♍35'31	-0.3m
	-3926 Nov	10 j 04:39	0°♎	
desc. node	-3926 Nov	18 j 19:56	12°♎35'49	
	-3926 Nov	29 j 23:42	0°♏	
morning set	-3926 Nov	30 j 03:35	0°♏15'45	
max. Earth dist.	-3926 Dec	05 j 17:59	9°♏31'13	1.40815 AU
superior conj	-3926 Dec	13 j 12:08	23°♏00'19	-1°-54'-8
minimum elong	-3926 Dec	13 j 10:55	22°♏54'52	1°54'15
	-3926 Dec	17 j 08:38	0°♐	
evening rise	-3926 Dec	23 j 15:49	11°♐44'15	
	-3925 Jan	02 j 22:28	0°♑	
asc. node	-3925 Jan	03 j 08:22	0°♑38'15	
evening max el	-3925 Jan	08 j 21:26	7°♑42'24	18°17'49
retrograde	-3925 Jan	16 j 01:40	11°♑17'05	
evening set	-3925 Jan	18 j 14:29	10°♑51'21	
inferior conj	-3925 Jan	25 j 18:01	6°♑07'55	3°58'44
minimum elong	-3925 Jan	25 j 19:24	6°♑04'57	3°58'30
min. Earth dist.	-3925 Jan	29 j 02:07	3°♑17'12	0.59735 AU
morning rise	-3925 Feb	01 j 21:13	0°♑35'28	
	-3925 Feb	02 j 23:41	30°℞♐	
direct	-3925 Feb	08 j 10:46	28°♐39'13	
	-3925 Feb	14 j 02:38	0°♑	
desc. node	-3925 Feb	14 j 19:19	0°♑20'13	
morning max el	-3925 Feb	22 j 16:02	6°♑16'37	27°07'09
	-3925 Mar	12 j 09:34	0°♒	
morning set	-3925 Mar	25 j 09:00	24°♒19'38	
	-3925 Mar	28 j 01:31	0°♓	
max. Earth dist.	-3925 Apr	01 j 03:24	8°♓50'55	1.32561 AU
asc. node	-3925 Apr	01 j 07:49	9°♓15'04	
superior conj	-3925 Apr	01 j 12:12	9°♓39'06	0°01'55
minimum elong	-3925 Apr	01 j 12:07	9°♓38'39	0°01'50
behind sun begin	-3925 Apr	01 j 07:08	9°♓11'24	
behind sun end	-3925 Apr	01 j 17:06	10°♓05'54	
evening rise	-3925 Apr	08 j 12:28	24°♓47'38	
	-3925 Apr	11 j 01:06	0°♈	
	-3925 Apr	28 j 19:50	0°♉	
evening max el	-3925 May	06 j 19:52	9°♉12'21	26°00'56
desc. node	-3925 May	13 j 18:01	14°♉27'49	
retrograde	-3925 May	20 j 21:54	16°♉28'35	
evening set	-3925 May	26 j 22:20	15°♉00'07	
min. Earth dist.	-3925 May	31 j 08:26	12°♉17'42	0.58921 AU
inferior conj	-3925 Jun	03 j 16:58	9°♉47'05	-4°-13'-46
minimum elong	-3925 Jun	03 j 14:56	9°♉50'55	4°13'33
morning rise	-3925 Jun	11 j 11:24	5°♉19'45	
direct	-3925 Jun	13 j 22:49	4°♉59'05	
morning max el	-3925 Jun	21 j 20:38	8°♉44'26	18°32'42
asc. node	-3925 Jun	28 j 07:25	16°♉56'56	
	-3925 Jul	05 j 17:10	0°♊	
morning set	-3925 Jul	08 j 01:00	4°♊27'12	
superior conj	-3925 Jul	17 j 02:23	21°♊45'12	1°48'55
minimum elong	-3925 Jul	17 j 03:00	21°♊48'01	1°49'04
	-3925 Jul	21 j 14:42	0°♋	
max. Earth dist.	-3925 Jul	24 j 08:24	4°♋50'29	1.39831 AU
evening rise	-3925 Jul	28 j 16:33	12°♋16'12	
	-3925 Aug	08 j 18:44	0°♌	
desc. node	-3925 Aug	09 j 17:04	1°♌24'40	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3925 Aug 31 j 02:20	0°♍	
evening max el	-3925 Sep 01 j 15:44	1°♍36'55	23°43'46
retrograde	-3925 Sep 12 j 08:03	7°♍55'20	
evening set	-3925 Sep 17 j 10:48	5°♍47'06	
	-3925 Sep 22 j 09:23	30°℞♌	
inferior conj	-3925 Sep 22 j 19:19	29°♌26'06	0°-30'-4
minimum elong	-3925 Sep 22 j 20:01	29°♌23'42	0°29'42
min. Earth dist.	-3925 Sep 22 j 08:46	0°♍02'05	0.67375 AU
asc. node	-3925 Sep 24 j 06:32	27°♌27'41	
morning rise	-3925 Sep 28 j 05:22	23°♌14'22	
direct	-3925 Oct 02 j 04:50	21°♌45'10	
morning max el	-3925 Oct 10 j 15:04	26°♌42'41	21°02'40
	-3925 Oct 13 j 14:13	0°♍	
greatest brilliancy	-3925 Oct 16 j 06:18	3°♍19'00	-0.5m
	-3925 Nov 03 j 18:02	0°♎	
desc. node	-3925 Nov 05 j 16:53	2°♎59'34	
morning set	-3925 Nov 09 j 10:51	8°♎48'27	
max. Earth dist.	-3925 Nov 17 j 22:20	22°♎19'47	1.42654 AU
	-3925 Nov 22 j 13:51	0°♏	
superior conj	-3925 Nov 24 j 20:36	3°♏50'37	-1°-42'-20
minimum elong	-3925 Nov 24 j 15:39	3°♏29'37	1°42'05
evening rise	-3925 Dec 06 j 12:48	24°♏17'20	
	-3925 Dec 09 j 17:25	0°♐	
asc. node	-3925 Dec 21 j 05:28	18°♐25'01	
evening max el	-3925 Dec 23 j 08:15	20°♐47'27	18°07'52
retrograde	-3925 Dec 30 j 00:30	24°♐15'30	
evening set	-3924 Jan 01 j 16:03	23°♐42'38	
inferior conj	-3924 Jan 08 j 07:12	18°♐37'33	4°01'01
minimum elong	-3924 Jan 08 j 06:04	18°♐40'19	4°00'48
min. Earth dist.	-3924 Jan 11 j 06:09	15°♐43'55	0.61725 AU
morning rise	-3924 Jan 14 j 17:47	12°♐49'27	
direct	-3924 Jan 21 j 18:05	10°♐20'46	
desc. node	-3924 Feb 01 j 16:25	15°♐16'30	
morning max el	-3924 Feb 04 j 18:46	18°♐04'31	27°39'55
	-3924 Feb 14 j 20:04	0°♑	
	-3924 Mar 04 j 01:44	0°♒	
morning set	-3924 Mar 08 j 14:29	8°♒58'31	
max. Earth dist.	-3924 Mar 14 j 14:54	21°♒40'27	1.32745 AU
superior conj	-3924 Mar 15 j 22:59	24°♒34'26	0°-23'-15
minimum elong	-3924 Mar 16 j 00:02	24°♒40'08	0°23'08
asc. node	-3924 Mar 18 j 04:50	29°♒27'33	
	-3924 Mar 18 j 10:48	0°♓	
evening rise	-3924 Mar 22 j 23:44	9°♓45'15	
	-3924 Apr 02 j 12:29	0°♈	
evening max el	-3924 Apr 17 j 13:09	20°♈11'44	24°39'11
desc. node	-3924 Apr 29 j 15:10	27°♈07'29	
retrograde	-3924 May 01 j 12:36	27°♈15'48	
evening set	-3924 May 06 j 06:52	26°♈24'20	
min. Earth dist.	-3924 May 12 j 01:14	23°♈26'46	0.57048 AU
inferior conj	-3924 May 14 j 21:19	21°♈35'58	-3°-36'-27
minimum elong	-3924 May 14 j 16:03	21°♈44'36	3°35'24
morning rise	-3924 May 23 j 05:24	17°♈28'00	
direct	-3924 May 25 j 16:33	17°♈10'57	
morning max el	-3924 Jun 03 j 21:19	21°♈27'43	19°21'07
	-3924 Jun 10 j 17:27	0°♉	
asc. node	-3924 Jun 14 j 04:28	5°♉44'00	
morning set	-3924 Jun 20 j 23:39	18°♉39'46	
	-3924 Jun 26 j 15:54	0°♊	
superior conj	-3924 Jun 29 j 06:10	5°♊06'35	1°46'34
minimum elong	-3924 Jun 29 j 04:49	4°♊59'59	1°46'41
max. Earth dist.	-3924 Jul 05 j 09:57	16°♊47'47	1.37892 AU
evening rise	-3924 Jul 09 j 07:37	23°♊49'57	
	-3924 Jul 12 j 21:05	0°♋	
desc. node	-3924 Jul 26 j 14:05	21°♋39'10	

	-3924 Aug 01 j 12:00	0°♌	
evening max el	-3924 Aug 14 j 02:35	15°♌06'27	25°02'10
retrograde	-3924 Aug 25 j 20:15	21°♌56'17	
evening set	-3924 Aug 31 j 14:04	19°♌29'46	
min. Earth dist.	-3924 Sep 05 j 02:57	14°♌20'25	0.67027 AU
inferior conj	-3924 Sep 06 j 00:12	13°♌10'14	-1°-23'-13
minimum elong	-3924 Sep 06 j 02:09	13°♌03'50	1°22'19
asc. node	-3924 Sep 10 j 03:40	8°♌16'37	
morning rise	-3924 Sep 11 j 14:40	7°♌05'52	
direct	-3924 Sep 15 j 02:37	5°♌54'59	
morning max el	-3924 Sep 22 j 15:44	10°♌16'52	19°53'43
greatest brilliancy	-3924 Sep 30 j 09:18	19°♌56'38	-0.6m
	-3924 Oct 07 j 06:14	0°♍	
morning set	-3924 Oct 18 j 09:10	17°♍02'15	
desc. node	-3924 Oct 22 j 13:49	23°♍33'48	
	-3924 Oct 26 j 16:16	0°♎	
max. Earth dist.	-3924 Oct 30 j 09:38	5°♎54'02	1.44021 AU
superior conj	-3924 Nov 04 j 01:40	13°♎23'50	-1°-14'-1
minimum elong	-3924 Nov 03 j 18:39	12°♎55'26	1°13'19
	-3924 Nov 14 j 02:43	0°♏	
evening rise	-3924 Nov 17 j 15:29	5°♏59'15	
	-3924 Dec 02 j 10:58	0°♐	
evening max el	-3924 Dec 05 j 20:59	4°♐05'11	18°17'05
asc. node	-3924 Dec 07 j 02:35	5°♐14'43	
retrograde	-3924 Dec 12 j 10:06	7°♐37'56	
evening set	-3924 Dec 15 j 05:22	6°♐56'34	
inferior conj	-3924 Dec 21 j 10:39	1°♐31'26	3°43'17
minimum elong	-3924 Dec 21 j 08:01	1°♐38'41	3°42'43
	-3924 Dec 22 j 19:41	30°℞♏	
min. Earth dist.	-3924 Dec 23 j 19:41	28°♏54'43	0.63519 AU
morning rise	-3924 Dec 27 j 09:04	25°♏32'12	
direct	-3923 Jan 03 j 09:31	22°♏45'15	
	-3923 Jan 16 j 14:01	0°♐	
morning max el	-3923 Jan 17 j 02:08	0°♐29'36	27°36'23
desc. node	-3923 Jan 18 j 13:29	1°♐59'45	
	-3923 Feb 07 j 20:11	0°♑	
morning set	-3923 Feb 20 j 13:23	23°♑13'45	
	-3923 Feb 23 j 21:20	0°♒	
max. Earth dist.	-3923 Feb 25 j 20:29	4°♒06'18	1.33315 AU
superior conj	-3923 Feb 28 j 07:05	9°♒17'50	0°-48'-1
minimum elong	-3923 Feb 28 j 09:11	9°♒29'05	0°47'46
asc. node	-3923 Mar 05 j 01:51	19°♒34'30	
evening rise	-3923 Mar 07 j 11:19	24°♒39'28	
	-3923 Mar 10 j 01:24	0°♓	
	-3923 Mar 29 j 07:11	0°♈	
evening max el	-3923 Mar 30 j 05:22	0°♈54'38	23°05'39
retrograde	-3923 Apr 12 j 14:17	7°♈29'57	
evening set	-3923 Apr 16 j 01:13	7°♈03'51	
desc. node	-3923 Apr 16 j 12:18	6°♈56'34	
min. Earth dist.	-3923 Apr 23 j 15:53	3°♈39'31	0.55701 AU
inferior conj	-3923 Apr 25 j 06:22	2°♈43'20	-2°-18'-50
minimum elong	-3923 Apr 25 j 00:51	2°♈51'24	2°17'12
	-3923 Apr 30 j 08:50	30°℞♓	
morning rise	-3923 May 04 j 03:24	28°♓45'46	
direct	-3923 May 06 j 16:15	28°♓30'16	
	-3923 May 12 j 14:03	0°♈	
morning max el	-3923 May 17 j 11:53	3°♈32'43	20°29'44
asc. node	-3923 Jun 01 j 01:29	25°♈01'33	
	-3923 Jun 03 j 14:16	0°♉	
morning set	-3923 Jun 05 j 04:49	3°♉14'48	
superior conj	-3923 Jun 12 j 22:16	19°♉06'55	1°36'45
minimum elong	-3923 Jun 12 j 19:52	18°♉54'42	1°36'39
max. Earth dist.	-3923 Jun 17 j 16:17	28°♉33'58	1.36144 AU
	-3923 Jun 18 j 10:04	0°♊	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-3923 Jun	21 j 20:37	6°♊30'06			-3922 Jun	10 j 10:32	0°♊		
	-3923 Jul	05 j 15:49	0°♋			-3922 Jun	29 j 15:08	0°♋		
desc. node	-3923 Jul	13 j 11:08	11°♋32'40		desc. node	-3922 Jun	30 j 08:12	0°♋56'03		
evening max el	-3923 Jul	27 j 13:33	28°♋38'07	26°10'13	evening max el	-3922 Jul	10 j 01:05	12°♋05'02	26°59'52	
	-3923 Jul	29 j 00:19	0°♌		retrograde	-3922 Jul	23 j 05:52	19°♋25'39		
retrograde	-3923 Aug	09 j 03:41	5°♌48'27		evening set	-3922 Jul	30 j 02:12	16°♋38'44		
evening set	-3923 Aug	15 j 12:00	3°♌07'54		min. Earth dist.	-3922 Aug	02 j 23:12	12°♋46'14	0.65307 AU	
	-3923 Aug	18 j 12:58	30°℞♋		inferior conj	-3922 Aug	04 j 21:31	10°♋32'18	-3°-1'-2	
min. Earth dist.	-3923 Aug	19 j 16:33	28°♋36'39	0.66351 AU	minimum elong	-3922 Aug	05 j 01:13	10°♋21'34	2°59'47	
inferior conj	-3923 Aug	21 j 01:38	26°♋53'20	-2°-14'-14	morning rise	-3922 Aug	11 j 01:28	4°♋52'48		
minimum elong	-3923 Aug	21 j 04:39	26°♋43'56	2°13'01	direct	-3922 Aug	13 j 21:26	4°♋08'51		
morning rise	-3923 Aug	26 j 22:05	20°♋59'41		asc. node	-3922 Aug	14 j 21:51	4°♋14'30		
asc. node	-3923 Aug	28 j 00:47	20°♋26'56		morning max el	-3922 Aug	20 j 11:20	7°♋44'30	18°20'59	
direct	-3923 Aug	30 j 00:52	20°♋03'52			-3922 Sep	04 j 16:15	0°♌		
morning max el	-3923 Sep	05 j 23:04	23°♋58'18	18°59'11	morning set	-3922 Sep	08 j 13:04	6°♌21'47		
	-3923 Sep	10 j 22:04	0°♌							
morning set	-3923 Sep	27 j 21:47	26°♌02'34		superior conj	-3922 Sep	23 j 07:43	0°♍13'56	0°18'59	
	-3923 Sep	30 j 09:54	0°♍		minimum elong	-3922 Sep	23 j 10:07	0°♍23'27	0°18'46	
desc. node	-3923 Oct	09 j 10:44	14°♍14'20			-3922 Sep	23 j 04:12	0°♍		
max. Earth dist.	-3923 Oct	13 j 02:04	19°♍58'21	1.44750 AU	max. Earth dist.	-3922 Sep	25 j 20:36	4°♍14'48	1.44752 AU	
					desc. node	-3922 Sep	26 j 07:41	4°♍58'32		
superior conj	-3923 Oct	14 j 07:23	21°♍54'03	0°-30'-30	evening rise	-3922 Oct	09 j 22:15	26°♍19'00		
minimum elong	-3923 Oct	14 j 03:28	21°♍38'34	0°29'59		-3922 Oct	12 j 06:47	0°♎		
	-3923 Oct	19 j 10:07	0°♎		greatest brilliancy	-3922 Oct	24 j 15:36	19°♎02'08	-0.7m	
evening rise	-3923 Oct	29 j 19:15	16°♎40'24			-3922 Nov	01 j 20:49	0°♏		
	-3923 Nov	07 j 00:32	0°♏		evening max el	-3922 Nov	02 j 17:25	0°♏55'09	19°28'24	
evening max el	-3923 Nov	19 j 08:50	17°♏28'55	18°44'23	retrograde	-3922 Nov	09 j 22:43	5°♏05'50		
asc. node	-3923 Nov	23 j 23:42	20°♏51'29		asc. node	-3922 Nov	10 j 20:47	5°♏00'57		
retrograde	-3923 Nov	26 j 02:34	21°♏16'14		evening set	-3922 Nov	13 j 06:26	4°♏01'24		
evening set	-3923 Nov	29 j 03:05	20°♏24'29			-3922 Nov	17 j 09:34	30°℞♎		
inferior conj	-3923 Dec	05 j 00:40	14°♏41'38	3°11'55	inferior conj	-3922 Nov	18 j 22:14	28°♎03'56	2°31'21	
minimum elong	-3923 Dec	04 j 21:30	14°♏51'09	3°11'02	minimum elong	-3922 Nov	18 j 19:17	28°♎13'26	2°30'20	
min. Earth dist.	-3923 Dec	06 j 18:53	12°♏34'23	0.64990 AU	min. Earth dist.	-3922 Nov	20 j 02:47	26°♎31'46	0.66099 AU	
morning rise	-3923 Dec	10 j 14:50	8°♏34'10		morning rise	-3922 Nov	24 j 07:23	21°♎50'30		
direct	-3923 Dec	17 j 07:27	5°♏44'16		direct	-3922 Nov	30 j 11:11	19°♎09'52		
morning max el	-3923 Dec	30 j 11:32	13°♏21'00	26°59'54	morning max el	-3922 Dec	12 j 20:58	26°♎28'04	25°57'27	
desc. node	-3922 Jan	05 j 10:30	19°♏58'28			-3922 Dec	16 j 04:14	0°♏		
	-3922 Jan	13 j 00:27	0°♐		desc. node	-3922 Dec	23 j 07:30	8°♏50'39		
	-3922 Jan	31 j 10:25	0°♑			-3921 Jan	06 j 14:40	0°♐		
morning set	-3922 Feb	04 j 02:26	6°♑54'20		morning set	-3921 Jan	18 j 01:26	19°♐47'33		
max. Earth dist.	-3922 Feb	08 j 16:29	15°♑58'31	1.34305 AU	max. Earth dist.	-3921 Jan	22 j 01:02	27°♐18'34	1.35742 AU	
						-3921 Jan	23 j 10:17	0°♑		
superior conj	-3922 Feb	12 j 10:26	23°♑41'55	-1°-11'-19						
minimum elong	-3922 Feb	12 j 13:19	23°♑57'02	1°11'01	superior conj	-3921 Jan	27 j 06:30	7°♑38'59	-1°-31'-38	
	-3922 Feb	15 j 10:17	0°♒		minimum elong	-3921 Jan	27 j 09:40	7°♑54'57	1°31'27	
evening rise	-3922 Feb	19 j 21:25	9°♒23'35		evening rise	-3921 Feb	04 j 04:08	23°♑51'19		
asc. node	-3922 Feb	19 j 22:53	9°♒31'13		asc. node	-3921 Feb	06 j 19:54	29°♑12'35		
	-3922 Mar	02 j 21:20	0°♓			-3921 Feb	07 j 05:31	0°♒		
evening max el	-3922 Mar	12 j 02:30	11°♓47'28	21°34'10	evening max el	-3921 Feb	22 j 09:01	23°♒09'45	20°15'06	
retrograde	-3922 Mar	24 j 05:22	17°♓37'23		retrograde	-3921 Mar	04 j 20:24	28°♒08'22		
evening set	-3922 Mar	26 j 19:46	17°♓22'08		evening set	-3921 Mar	07 j 03:51	27°♒54'52		
desc. node	-3922 Apr	03 j 09:26	14°♓18'54		inferior conj	-3921 Mar	16 j 00:30	23°♒55'51	1°25'29	
inferior conj	-3922 Apr	05 j 02:59	13°♓21'02	0°-28'-49	minimum elong	-3921 Mar	16 j 04:04	23°♒50'31	1°24'13	
minimum elong	-3922 Apr	05 j 01:38	13°♓22'56	0°28'25	min. Earth dist.	-3921 Mar	17 j 19:46	22°♒51'29	0.55557 AU	
min. Earth dist.	-3922 Apr	05 j 05:47	13°♓17'05	0.55163 AU	desc. node	-3921 Mar	21 j 06:34	20°♒58'52		
morning rise	-3922 Apr	14 j 07:45	9°♓18'56		morning rise	-3921 Mar	25 j 01:52	19°♒31'45		
direct	-3922 Apr	17 j 05:13	9°♓00'29		direct	-3921 Mar	28 j 19:29	19°♒01'18		
morning max el	-3922 Apr	29 j 15:29	14°♓55'41	21°56'11	morning max el	-3921 Apr	11 j 10:13	25°♒44'04	23°33'55	
	-3922 May	11 j 01:57	0°♈			-3921 Apr	15 j 10:07	0°♓		
asc. node	-3922 May	18 j 22:29	14°♈41'52			-3921 May	03 j 14:04	0°♈		
morning set	-3922 May	20 j 14:13	18°♈05'44		morning set	-3921 May	05 j 01:52	3°♈05'37		
	-3922 May	26 j 06:00	0°♉		asc. node	-3921 May	05 j 19:28	4°♈38'03		
superior conj	-3922 May	27 j 22:57	3°♉35'15	1°21'27	superior conj	-3921 May	12 j 05:20	18°♈21'59	1°02'12	
minimum elong	-3922 May	27 j 20:15	3°♉21'10	1°21'10	minimum elong	-3921 May	12 j 02:56	18°♈09'11	1°01'49	
max. Earth dist.	-3922 May	31 j 07:56	10°♉34'11	1.34717 AU	max. Earth dist.	-3921 May	14 j 09:13	22°♈58'25	1.33657 AU	
evening rise	-3922 Jun	05 j 02:08	20°♉01'28			-3921 May	17 j 18:08	0°♉		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-3921 May 19 j 19:28	4°♉09'30	
	-3921 Jun 03 j 04:17	0°♊	
desc. node	-3921 Jun 17 j 05:17	19°♊35'45	
evening max el	-3921 Jun 22 j 11:45	25°♊14'35	27°23'55
	-3921 Jun 28 j 08:58	0°♋	
retrograde	-3921 Jul 06 j 02:26	2°♋38'38	
evening set	-3921 Jul 13 j 05:35	29°♊56'40	
	-3921 Jul 13 j 03:48	30°℞♊	
min. Earth dist.	-3921 Jul 16 j 20:54	26°♊39'27	0.63878 AU
inferior conj	-3921 Jul 19 j 09:18	24°♊01'06	-3°-40'-46
minimum elong	-3921 Jul 19 j 12:59	23°♊51'24	3°39'50
morning rise	-3921 Jul 25 j 22:14	18°♊39'02	
direct	-3921 Jul 28 j 13:33	18°♊04'08	
asc. node	-3921 Aug 01 j 18:53	19°♊33'05	
morning max el	-3921 Aug 04 j 02:03	21°♊29'47	18°00'07
	-3921 Aug 10 j 13:57	0°♋	
morning set	-3921 Aug 21 j 06:27	17°♋55'13	
	-3921 Aug 28 j 08:24	0°♌	
superior conj	-3921 Sep 03 j 00:38	9°♌25'21	1°01'52
minimum elong	-3921 Sep 03 j 06:21	9°♌48'43	1°01'20
max. Earth dist.	-3921 Sep 08 j 13:18	18°♌21'42	1.44033 AU
desc. node	-3921 Sep 13 j 04:38	25°♌42'51	
	-3921 Sep 15 j 22:21	0°♍	
evening rise	-3921 Sep 19 j 06:08	5°♍09'30	
	-3921 Oct 05 j 18:03	0°♎	
greatest brilliancy	-3921 Oct 10 j 12:20	6°♎39'49	-0.5m
evening max el	-3921 Oct 16 j 20:46	14°♎21'24	20°27'24
retrograde	-3921 Oct 24 j 20:03	19°♎03'12	
evening set	-3921 Oct 28 j 13:06	17°♎43'36	
asc. node	-3921 Oct 28 j 17:51	17°♎34'52	
inferior conj	-3921 Nov 03 j 00:50	11°♎34'58	1°44'36
minimum elong	-3921 Nov 02 j 22:36	11°♎42'32	1°43'43
min. Earth dist.	-3921 Nov 03 j 17:19	10°♎39'19	0.66856 AU
morning rise	-3921 Nov 08 j 07:35	5°♎18'08	
direct	-3921 Nov 13 j 20:23	2°♎54'32	
morning max el	-3921 Nov 25 j 05:47	9°♎41'44	24°38'13
desc. node	-3921 Dec 10 j 04:30	28°♎20'55	
	-3921 Dec 11 j 08:16	0°♏	
	-3921 Dec 30 j 06:19	0°♐	
morning set	-3921 Dec 31 j 04:51	1°♐38'25	
max. Earth dist.	-3920 Jan 03 j 23:48	8°♐25'18	1.37572 AU
superior conj	-3920 Jan 10 j 16:07	21°♐00'09	-1°-46'-58
minimum elong	-3920 Jan 10 j 18:38	21°♐12'23	1°46'59
	-3920 Jan 15 j 05:47	0°♑	
evening rise	-3920 Jan 19 j 05:18	7°♑56'32	
asc. node	-3920 Jan 24 j 16:56	18°♑32'49	
	-3920 Jan 31 j 16:46	0°♒	
evening max el	-3920 Feb 05 j 02:08	5°♒08'31	19°13'57
retrograde	-3920 Feb 13 j 23:21	9°♒22'48	
evening set	-3920 Feb 16 j 07:39	9°♒06'22	
inferior conj	-3920 Feb 24 j 11:58	4°♒55'28	2°53'59
minimum elong	-3920 Feb 24 j 16:55	4°♒47'04	2°52'40
min. Earth dist.	-3920 Feb 27 j 10:54	2°♒56'04	0.56788 AU
morning rise	-3920 Mar 03 j 22:23	0°♒00'56	
	-3920 Mar 03 j 23:24	30°℞♑	
desc. node	-3920 Mar 07 j 03:40	29°♑11'14	
direct	-3920 Mar 08 j 21:03	29°♑04'13	
	-3920 Mar 13 j 18:38	0°♒	
morning max el	-3920 Mar 23 j 01:16	6°♒19'36	25°11'01
	-3920 Apr 09 j 05:59	0°♓	
morning set	-3920 Apr 18 j 14:06	18°♓08'24	
asc. node	-3920 Apr 21 j 16:28	24°♓44'58	
	-3920 Apr 24 j 02:32	0°♈	
superior conj	-3920 Apr 25 j 15:15	3°♈19'51	0°40'08
minimum elong	-3920 Apr 25 j 13:34	3°♈10'42	0°39'48
max. Earth dist.	-3920 Apr 26 j 17:53	5°♈44'28	1.32961 AU
evening rise	-3920 May 02 j 21:05	18°♈43'09	
	-3920 May 08 j 14:52	0°♉	
	-3920 May 27 j 16:37	0°♊	
desc. node	-3920 Jun 03 j 02:22	7°♊13'19	
evening max el	-3920 Jun 03 j 19:28	7°♊54'57	27°17'06
retrograde	-3920 Jun 17 j 16:48	15°♊18'16	
evening set	-3920 Jun 24 j 18:24	12°♊55'31	
min. Earth dist.	-3920 Jun 28 j 08:50	10°♊03'57	0.62099 AU
inferior conj	-3920 Jul 01 j 10:00	7°♊13'24	-4°-9'-7
minimum elong	-3920 Jul 01 j 12:33	7°♊07'25	4°08'42
morning rise	-3920 Jul 08 j 09:18	2°♊11'24	
direct	-3920 Jul 10 j 21:56	1°♊43'16	
morning max el	-3920 Jul 17 j 16:29	5°♊08'07	17°57'28
asc. node	-3920 Jul 18 j 15:57	6°♊08'52	
morning set	-3920 Aug 02 j 20:53	0°♋28'50	
	-3920 Aug 02 j 14:29	0°♋	
superior conj	-3920 Aug 13 j 20:41	19°♋57'21	1°30'59
minimum elong	-3920 Aug 14 j 01:27	20°♋17'46	1°30'44
	-3920 Aug 19 j 19:50	0°♌	
max. Earth dist.	-3920 Aug 21 j 01:05	2°♌00'14	1.42701 AU
evening rise	-3920 Aug 28 j 11:42	13°♌55'57	
desc. node	-3920 Aug 30 j 01:36	16°♌24'01	
	-3920 Sep 07 j 23:55	0°♍	
greatest brilliancy	-3920 Sep 23 j 18:38	22°♍04'39	-0.4m
evening max el	-3920 Sep 28 j 17:58	27°♍46'45	21°38'30
	-3920 Oct 01 j 02:55	0°♎	
retrograde	-3920 Oct 07 j 16:27	3°♎05'14	
evening set	-3920 Oct 11 j 21:07	1°♎28'00	
	-3920 Oct 13 j 11:18	30°℞♍	
asc. node	-3920 Oct 14 j 14:57	28°♍41'28	
inferior conj	-3920 Oct 17 j 06:23	25°♍11'54	0°53'49
minimum elong	-3920 Oct 17 j 05:10	25°♍16'07	0°53'19
min. Earth dist.	-3920 Oct 17 j 12:04	24°♍52'17	0.67294 AU
morning rise	-3920 Oct 22 j 12:55	18°♍54'32	
direct	-3920 Oct 27 j 10:24	16°♍51'45	
morning max el	-3920 Nov 06 j 15:23	22°♍57'31	23°11'56
greatest brilliancy	-3920 Nov 11 j 19:35	28°♍47'28	-0.3m
	-3920 Nov 12 j 19:04	0°♎	
desc. node	-3920 Nov 26 j 01:27	18°♎17'45	
	-3920 Dec 03 j 17:47	0°♏	
morning set	-3920 Dec 11 j 06:29	12°♏10'27	
max. Earth dist.	-3920 Dec 15 j 19:17	19°♏52'17	1.39631 AU
	-3920 Dec 21 j 12:20	0°♐	
superior conj	-3920 Dec 23 j 10:57	3°♐33'28	-1°-54'-36
minimum elong	-3920 Dec 23 j 11:31	3°♐36'07	1°54'45
evening rise	-3919 Jan 01 j 22:13	21°♐31'36	
	-3919 Jan 06 j 09:31	0°♑	
asc. node	-3919 Jan 10 j 13:59	7°♑24'07	
evening max el	-3919 Jan 18 j 04:17	17°♑39'10	18°32'34
retrograde	-3919 Jan 25 j 20:09	21°♑23'31	
evening set	-3919 Jan 28 j 07:24	21°♑01'33	
inferior conj	-3919 Feb 04 j 19:22	16°♑31'08	3°45'03
minimum elong	-3919 Feb 04 j 22:23	16°♑25'11	3°44'31
min. Earth dist.	-3919 Feb 08 j 04:38	13°♑52'23	0.58587 AU
morning rise	-3919 Feb 12 j 09:46	11°♑10'28	
direct	-3919 Feb 18 j 12:01	9°♑36'02	
desc. node	-3919 Feb 22 j 00:47	10°♑07'05	
morning max el	-3919 Mar 04 j 18:21	17°♑08'22	26°32'33
	-3919 Mar 15 j 09:14	0°♒	
	-3919 Apr 01 j 13:02	0°♓	
morning set	-3919 Apr 03 j 01:11	3°♓07'00	
asc. node	-3919 Apr 08 j 13:29	14°♓57'10	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-3919 Apr 10 j 02:49	18°♓21'22	0°16'12
minimum elong	-3919 Apr 10 j 02:06	18°♓17'28	0°16'01
max. Earth dist.	-3919 Apr 10 j 06:35	18°♓42'00	1.32609 AU
	-3919 Apr 15 j 11:48	0°♈	
evening rise	-3919 Apr 17 j 04:08	3°♈32'12	
	-3919 May 01 j 11:48	0°♉	
evening max el	-3919 May 16 j 22:08	19°♉56'32	26°37'34
desc. node	-3919 May 20 j 23:28	23°♉22'42	
retrograde	-3919 May 30 j 23:35	27°♉16'07	
evening set	-3919 Jun 06 j 12:28	25°♉25'57	
min. Earth dist.	-3919 Jun 10 j 11:32	22°♉44'53	0.60089 AU
inferior conj	-3919 Jun 13 j 20:06	20°♉00'51	-4°-19'-33
minimum elong	-3919 Jun 13 j 20:06	20°♉00'53	4°19'26
morning rise	-3919 Jun 21 j 07:08	15°♉20'33	
direct	-3919 Jun 23 j 18:40	14°♉57'29	
morning max el	-3919 Jul 01 j 03:49	18°♉32'09	18°14'04
asc. node	-3919 Jul 05 j 13:02	23°♉46'28	
	-3919 Jul 09 j 12:39	0°♊	
morning set	-3919 Jul 17 j 03:09	13°♊49'46	
	-3919 Jul 25 j 19:07	0°♋	
superior conj	-3919 Jul 26 j 18:45	1°♋47'18	1°45'51
minimum elong	-3919 Jul 26 j 20:51	1°♋56'47	1°45'57
max. Earth dist.	-3919 Aug 03 j 07:23	14°♋59'59	1.40945 AU
evening rise	-3919 Aug 08 j 10:18	23°♋31'49	
	-3919 Aug 12 j 10:57	0°♌	
desc. node	-3919 Aug 16 j 22:34	6°♌58'45	
	-3919 Sep 01 j 23:17	0°♍	
greatest brilliancy	-3919 Sep 06 j 07:33	5°♍31'11	-0.3m
evening max el	-3919 Sep 11 j 09:36	11°♍12'55	22°57'20
retrograde	-3919 Sep 21 j 10:26	17°♍09'44	
evening set	-3919 Sep 26 j 04:41	15°♍13'07	
inferior conj	-3919 Oct 01 j 13:02	8°♍53'06	0°00'50
minimum elong	-3919 Oct 01 j 13:01	8°♍53'10	0°00'52
transit middle	-3919 Oct 01 j 13:01	8°♍53'10	0°00'52
transit begin	-3919 Oct 01 j 10:19	9°♍02'27	
transit end	-3919 Oct 01 j 15:43	8°♍43'52	
min. Earth dist.	-3919 Oct 01 j 08:29	9°♍08'47	0.67433 AU
asc. node	-3919 Oct 01 j 12:04	8°♍56'26	
morning rise	-3919 Oct 06 j 21:18	2°♍38'22	
direct	-3919 Oct 11 j 04:26	0°♍57'07	
morning max el	-3919 Oct 20 j 05:04	6°♍18'16	21°47'34
greatest brilliancy	-3919 Oct 25 j 03:49	11°♍57'42	-0.4m
	-3919 Nov 07 j 05:07	0°♎	
desc. node	-3919 Nov 12 j 22:25	8°♎33'35	
morning set	-3919 Nov 21 j 03:27	21°♎19'51	
	-3919 Nov 26 j 12:02	0°♏	
max. Earth dist.	-3919 Nov 27 j 19:27	2°♏09'51	1.41645 AU
superior conj	-3919 Dec 05 j 09:39	15°♏05'52	-1°-51'00
minimum elong	-3919 Dec 05 j 06:53	14°♏53'43	1°51'01
	-3919 Dec 13 j 16:55	0°♐	
evening rise	-3919 Dec 16 j 03:36	4°♐29'41	
asc. node	-3919 Dec 28 j 11:03	25°♐37'35	
	-3919 Dec 31 j 23:23	0°♑	
evening max el	-3918 Jan 01 j 12:50	0°♑34'15	18°11'12
retrograde	-3918 Jan 08 j 10:32	4°♑04'06	
evening set	-3918 Jan 11 j 00:36	3°♑35'20	
	-3918 Jan 16 j 11:56	30°℞♐	
inferior conj	-3918 Jan 17 j 22:32	28°♐42'40	4°02'37
minimum elong	-3918 Jan 17 j 22:45	28°♐42'10	4°02'26
min. Earth dist.	-3918 Jan 21 j 03:44	25°♐47'59	0.60604 AU
morning rise	-3918 Jan 24 j 18:11	23°♐03'11	
direct	-3918 Jan 31 j 13:59	20°♐51'35	
desc. node	-3918 Feb 08 j 21:53	23°♐44'57	
morning max el	-3918 Feb 14 j 17:14	28°♐31'40	27°25'25
	-3918 Feb 16 j 04:10	0°♑	
	-3918 Mar 09 j 02:12	0°♒	
morning set	-3918 Mar 18 j 09:18	17°♒54'56	
	-3918 Mar 24 j 01:36	0°♓	
max. Earth dist.	-3918 Mar 24 j 19:42	1°♓38'38	1.32599 AU
superior conj	-3918 Mar 25 j 14:22	3°♓20'30	0°-8'-45
minimum elong	-3918 Mar 25 j 14:46	3°♓22'40	0°08'46
behind sun begin	-3918 Mar 25 j 10:33	2°♓59'37	
behind sun end	-3918 Mar 25 j 18:59	3°♓45'43	
asc. node	-3918 Mar 26 j 10:30	5°♓10'33	
evening rise	-3918 Apr 01 j 14:27	18°♓28'48	
	-3918 Apr 07 j 07:47	0°♈	
	-3918 Apr 27 j 11:47	0°♉	
evening max el	-3918 Apr 28 j 18:33	1°♉16'14	25°28'32
desc. node	-3918 May 07 j 20:36	7°♉29'33	
retrograde	-3918 May 12 j 20:20	8°♉27'54	
evening set	-3918 May 18 j 08:47	7°♉16'11	
min. Earth dist.	-3918 May 23 j 06:55	4°♉28'57	0.58081 AU
inferior conj	-3918 May 26 j 12:00	2°♉13'19	-4°-2'-40
minimum elong	-3918 May 26 j 08:27	2°♉19'38	4°02'09
	-3918 May 29 j 19:39	30°℞♈	
morning rise	-3918 Jun 03 j 12:05	27°♈54'30	
direct	-3918 Jun 05 j 23:27	27°♈35'24	
	-3918 Jun 12 j 13:01	0°♉	
morning max el	-3918 Jun 14 j 09:05	1°♉32'25	18°50'48
asc. node	-3918 Jun 22 j 10:06	12°♉11'31	
morning set	-3918 Jun 30 j 20:50	27°♉46'16	
	-3918 Jul 02 j 00:09	0°♊	
superior conj	-3918 Jul 09 j 13:19	14°♊39'47	1°48'59
minimum elong	-3918 Jul 09 j 12:58	14°♊38'11	1°49'09
max. Earth dist.	-3918 Jul 16 j 09:53	27°♊18'42	1.38998 AU
	-3918 Jul 17 j 22:18	0°♋	
evening rise	-3918 Jul 20 j 10:40	4°♋22'07	
desc. node	-3918 Aug 03 j 19:35	27°♋22'17	
	-3918 Aug 05 j 14:13	0°♌	
evening max el	-3918 Aug 24 j 21:32	24°♌41'03	24°17'54
	-3918 Aug 31 j 15:50	0°♍	
retrograde	-3918 Sep 05 j 00:48	1°♍13'10	
	-3918 Sep 09 j 00:10	30°℞♌	
evening set	-3918 Sep 10 j 10:01	28°♌56'53	
min. Earth dist.	-3918 Sep 15 j 04:05	23°♌26'51	0.67273 AU
inferior conj	-3918 Sep 15 j 19:03	22°♌36'23	0°-52'-44
minimum elong	-3918 Sep 15 j 20:17	22°♌32'13	0°52'08
asc. node	-3918 Sep 18 j 09:13	19°♌16'05	
morning rise	-3918 Sep 21 j 06:48	16°♌27'29	
direct	-3918 Sep 25 j 01:12	15°♌06'17	
morning max el	-3918 Oct 03 j 01:29	19°♌47'08	20°31'42
greatest brilliancy	-3918 Oct 09 j 10:15	27°♌25'44	-0.5m
	-3918 Oct 11 j 07:39	0°♍	
desc. node	-3918 Oct 30 j 19:21	29°♍02'13	
morning set	-3918 Oct 31 j 04:00	29°♍35'48	
	-3918 Oct 31 j 10:14	0°♎	
max. Earth dist.	-3918 Nov 10 j 03:21	15°♎21'07	1.43315 AU
superior conj	-3918 Nov 16 j 06:38	25°♎23'21	-1°-32'-24
minimum elong	-3918 Nov 16 j 00:21	24°♎57'18	1°31'57
	-3918 Nov 19 j 00:47	0°♏	
evening rise	-3918 Nov 28 j 17:19	16°♏41'53	
	-3918 Dec 06 j 09:10	0°♐	
asc. node	-3918 Dec 15 j 08:07	13°♐01'38	
evening max el	-3918 Dec 16 j 00:46	13°♐45'17	18°09'28
retrograde	-3918 Dec 22 j 14:33	17°♐13'58	
evening set	-3918 Dec 25 j 07:38	16°♐37'31	
inferior conj	-3918 Dec 31 j 18:15	11°♐23'20	3°55'30
minimum elong	-3918 Dec 31 j 16:21	11°♐28'15	3°55'08
min. Earth dist.	-3917 Jan 03 j 11:25	8°♐35'17	0.62526 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-3917 Jan 06 j 23:09	5°♐30'13	
direct	-3917 Jan 14 j 00:38	2°♐52'13	
desc. node	-3917 Jan 26 j 18:58	9°♐30'59	
morning max el	-3917 Jan 27 j 22:13	10°♐36'08	27°42'51
	-3917 Feb 12 j 04:41	0°♑	
	-3917 Mar 01 j 07:26	0°♒	
morning set	-3917 Mar 02 j 12:20	2°♒25'02	
max. Earth dist.	-3917 Mar 08 j 05:23	14°♒20'53	1.32942 AU
superior conj	-3917 Mar 10 j 00:14	18°♒11'39	0°-33'-52
minimum elong	-3917 Mar 10 j 01:45	18°♒19'51	0°33'41
asc. node	-3917 Mar 13 j 07:30	25°♒21'16	
	-3917 Mar 15 j 11:16	0°♓	
evening rise	-3917 Mar 17 j 02:06	3°♓26'13	
	-3917 Mar 31 j 14:54	0°♈	
evening max el	-3917 Apr 10 j 10:40	12°♈05'36	23°59'57
retrograde	-3917 Apr 24 j 05:15	18°♈59'32	
desc. node	-3917 Apr 24 j 17:45	18°♈58'55	
evening set	-3917 Apr 28 j 09:57	18°♈20'29	
min. Earth dist.	-3917 May 04 j 22:11	15°♈13'11	0.56391 AU
inferior conj	-3917 May 07 j 07:49	13°♈44'22	-3°-8'-31
minimum elong	-3917 May 07 j 01:53	13°♈53'33	3°07'03
morning rise	-3917 May 15 j 21:41	9°♈42'36	
direct	-3917 May 18 j 09:22	9°♈26'27	
morning max el	-3917 May 28 j 05:42	14°♈00'34	19°48'00
	-3917 Jun 08 j 15:06	0°♉	
asc. node	-3917 Jun 09 j 07:08	1°♉12'59	
morning set	-3917 Jun 14 j 22:36	12°♉09'56	
superior conj	-3917 Jun 22 j 22:54	28°♉19'54	1°43'12
minimum elong	-3917 Jun 22 j 21:00	28°♉10'27	1°43'14
	-3917 Jun 23 j 19:08	0°♊	
max. Earth dist.	-3917 Jun 28 j 13:03	9°♊09'35	1.37113 AU
evening rise	-3917 Jul 02 j 11:44	16°♊26'01	
	-3917 Jul 10 j 08:33	0°♋	
desc. node	-3917 Jul 21 j 16:37	17°♋29'13	
	-3917 Jul 31 j 00:25	0°♌	
evening max el	-3917 Aug 07 j 08:12	8°♌12'01	25°32'44
retrograde	-3917 Aug 19 j 10:59	15°♌11'40	
evening set	-3917 Aug 25 j 11:17	12°♌38'12	
min. Earth dist.	-3917 Aug 29 j 20:29	7°♌45'08	0.66790 AU
inferior conj	-3917 Aug 30 j 22:42	6°♌20'27	-1°-45'-14
minimum elong	-3917 Aug 31 j 01:07	6°♌12'37	1°44'10
asc. node	-3917 Sep 05 j 06:20	0°♌36'07	
morning rise	-3917 Sep 05 j 15:32	0°♌20'32	
	-3917 Sep 06 j 05:34	30°℞♋	
direct	-3917 Sep 08 j 23:20	29°♋16'32	
	-3917 Sep 11 j 19:49	0°♌	
morning max el	-3917 Sep 16 j 05:14	3°♌25'21	19°28'38
greatest brilliancy	-3917 Sep 25 j 11:26	15°♌25'19	-0.7m
	-3917 Oct 05 j 01:37	0°♍	
morning set	-3917 Oct 10 j 05:59	8°♍03'16	
desc. node	-3917 Oct 17 j 16:15	19°♍39'43	
max. Earth dist.	-3917 Oct 23 j 17:30	29°♍11'44	1.44421 AU
	-3917 Oct 24 j 05:41	0°♎	
superior conj	-3917 Oct 27 j 00:24	4°♎25'26	0°-57'-2
minimum elong	-3917 Oct 26 j 17:59	3°♎59'48	0°56'18
evening rise	-3917 Nov 10 j 10:46	27°♎59'17	
	-3917 Nov 11 j 15:43	0°♏	
evening max el	-3917 Nov 29 j 13:21	27°♏05'44	18°26'30
asc. node	-3917 Dec 02 j 05:13	29°♏22'14	
	-3917 Dec 03 j 06:57	0°♐	
retrograde	-3917 Dec 06 j 03:39	0°♐43'56	
	-3917 Dec 08 j 23:40	30°℞♏	
evening set	-3917 Dec 09 j 00:52	29°♏58'26	
inferior conj	-3917 Dec 15 j 02:36	24°♏25'09	3°31'20
minimum elong	-3917 Dec 14 j 23:39	24°♏33'40	3°30'37
min. Earth dist.	-3917 Dec 17 j 05:12	21°♏59'57	0.64184 AU
morning rise	-3917 Dec 20 j 21:03	18°♏21'53	
direct	-3917 Dec 27 j 18:45	15°♏32'09	
morning max el	-3916 Jan 10 j 07:01	23°♏14'49	27°24'38
desc. node	-3916 Jan 13 j 15:59	26°♏49'39	
	-3916 Jan 16 j 08:46	0°♐	
	-3916 Feb 05 j 10:35	0°♑	
morning set	-3916 Feb 14 j 07:28	16°♑27'12	
max. Earth dist.	-3916 Feb 19 j 07:29	26°♑34'21	1.33680 AU
	-3916 Feb 20 j 22:50	0°♒	
superior conj	-3916 Feb 22 j 06:32	2°♒47'34	0°-58'-10
minimum elong	-3916 Feb 22 j 09:01	3°♒00'45	0°57'53
asc. node	-3916 Feb 28 j 04:29	15°♒24'24	
evening rise	-3916 Feb 29 j 13:15	18°♒16'57	
	-3916 Mar 06 j 09:36	0°♓	
evening max el	-3916 Mar 22 j 04:01	22°♓48'58	22°25'43
retrograde	-3916 Apr 04 j 02:11	29°♓07'28	
evening set	-3916 Apr 07 j 02:32	28°♓47'28	
desc. node	-3916 Apr 10 j 14:54	27°♓38'31	
min. Earth dist.	-3916 Apr 15 j 12:18	25°♓07'43	0.55356 AU
inferior conj	-3916 Apr 16 j 10:14	24°♓36'30	-1°-34'-49
minimum elong	-3916 Apr 16 j 06:03	24°♓42'28	1°33'30
morning rise	-3916 Apr 25 j 11:38	20°♓39'32	
direct	-3916 Apr 28 j 02:43	20°♓23'42	
morning max el	-3916 May 09 j 15:41	25°♓48'14	21°04'41
	-3916 May 13 j 12:56	0°♈	
asc. node	-3916 May 26 j 04:08	20°♈40'58	
morning set	-3916 May 29 j 05:46	26°♈52'21	
	-3916 May 30 j 18:06	0°♉	
superior conj	-3916 Jun 05 j 19:03	12°♉33'33	1°30'51
minimum elong	-3916 Jun 05 j 16:26	12°♉20'07	1°30'39
max. Earth dist.	-3916 Jun 09 j 22:40	20°♉57'48	1.35487 AU
evening rise	-3916 Jun 14 j 08:21	29°♉29'32	
	-3916 Jun 14 j 14:49	0°♊	
	-3916 Jul 02 j 12:14	0°♋	
desc. node	-3916 Jul 07 j 13:41	7°♋11'23	
evening max el	-3916 Jul 19 j 19:12	21°♋41'57	26°33'59
retrograde	-3916 Aug 01 j 16:24	28°♋58'37	
evening set	-3916 Aug 08 j 06:17	26°♋13'54	
min. Earth dist.	-3916 Aug 12 j 07:22	21°♋59'23	0.65950 AU
inferior conj	-3916 Aug 13 j 22:01	20°♋02'14	-2°-34'-47
minimum elong	-3916 Aug 14 j 01:23	19°♋52'00	2°33'30
morning rise	-3916 Aug 19 j 21:30	14°♋14'22	
asc. node	-3916 Aug 22 j 03:25	13°♋27'12	
direct	-3916 Aug 22 j 20:59	13°♋24'11	
morning max el	-3916 Aug 29 j 15:01	17°♋09'49	18°40'54
	-3916 Sep 08 j 03:54	0°♌	
morning set	-3916 Sep 19 j 05:20	17°♌36'00	
	-3916 Sep 26 j 23:43	0°♍	
desc. node	-3916 Oct 03 j 13:12	10°♍22'38	
superior conj	-3916 Oct 05 j 01:05	12°♍44'02	0°-9'-29
minimum elong	-3916 Oct 04 j 23:50	12°♍39'07	0°09'16
behind sun begin	-3916 Oct 04 j 14:20	12°♍01'41	
behind sun end	-3916 Oct 05 j 09:20	13°♍16'33	
max. Earth dist.	-3916 Oct 05 j 10:54	13°♍22'40	1.44835 AU
	-3916 Oct 15 j 23:41	0°♎	
evening rise	-3916 Oct 21 j 04:00	8°♎14'04	
	-3916 Nov 03 j 23:48	0°♏	
evening max el	-3916 Nov 12 j 00:03	10°♏31'20	19°01'09
asc. node	-3916 Nov 18 j 02:18	14°♏24'05	
retrograde	-3916 Nov 18 j 22:05	14°♏27'55	
evening set	-3916 Nov 22 j 01:17	13°♏31'17	
inferior conj	-3916 Nov 27 j 20:12	7°♏41'53	2°55'39

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-3916 Nov 27 j 17:04	7°♏51'41	2°54'40
min. Earth dist.	-3916 Nov 29 j 08:30	5°♏48'53	0.65502 AU
morning rise	-3916 Dec 03 j 07:51	1°♏31'20	
	-3916 Dec 05 j 09:42	30°℞♎	
direct	-3916 Dec 09 j 19:25	28°♎43'54	
	-3916 Dec 14 j 15:01	0°♏	
morning max el	-3916 Dec 22 j 16:44	6°♏15'15	26°35'58
desc. node	-3916 Dec 30 j 12:58	15°♏13'55	
	-3915 Jan 10 j 02:23	0°♐	
morning set	-3915 Jan 27 j 15:10	29°♐50'04	
	-3915 Jan 27 j 17:16	0°♑	
max. Earth dist.	-3915 Jan 31 j 22:31	8°♑11'26	1.34858 AU
superior conj	-3915 Feb 05 j 07:07	17°♑01'34	-1°-20'-24
minimum elong	-3915 Feb 05 j 10:13	17°♑17'30	1°20'09
	-3915 Feb 11 j 12:25	0°♒	
evening rise	-3915 Feb 12 j 22:08	2°♒55'00	
asc. node	-3915 Feb 14 j 01:29	5°♒15'24	
	-3915 Feb 28 j 15:19	0°♓	
evening max el	-3915 Mar 04 j 04:49	3°♓53'10	20°58'38
retrograde	-3915 Mar 15 j 15:48	9°♓21'10	
evening set	-3915 Mar 18 j 01:29	9°♓07'38	
inferior conj	-3915 Mar 27 j 05:28	5°♓09'42	0°21'10
minimum elong	-3915 Mar 27 j 06:26	5°♓08'20	0°20'44
min. Earth dist.	-3915 Mar 28 j 02:33	4°♓39'38	0.55216 AU
desc. node	-3915 Mar 28 j 12:00	4°♓26'13	
morning rise	-3915 Apr 05 j 10:17	0°♓59'36	
direct	-3915 Apr 08 j 14:40	0°♓37'30	
morning max el	-3915 Apr 21 j 15:07	6°♓55'07	22°36'53
	-3915 May 07 j 18:10	0°♈	
asc. node	-3915 May 13 j 01:06	10°♈28'34	
morning set	-3915 May 13 j 16:18	11°♈47'26	
superior conj	-3915 May 20 j 22:26	27°♈10'35	1°13'42
minimum elong	-3915 May 20 j 19:49	26°♈56'43	1°13'21
	-3915 May 22 j 06:34	0°♉	
max. Earth dist.	-3915 May 23 j 18:15	3°♉06'16	1.34221 AU
evening rise	-3915 May 28 j 19:23	13°♉18'05	
	-3915 Jun 06 j 20:54	0°♊	
desc. node	-3915 Jun 24 j 10:47	26°♊18'03	
	-3915 Jun 27 j 12:29	0°♋	
evening max el	-3915 Jul 02 j 06:33	5°♋02'51	27°13'40
retrograde	-3915 Jul 15 j 16:27	12°♋26'10	
evening set	-3915 Jul 22 j 16:17	9°♋39'54	
min. Earth dist.	-3915 Jul 26 j 10:33	6°♋02'53	0.64737 AU
inferior conj	-3915 Jul 28 j 14:47	3°♋37'30	-3°-19'-1
minimum elong	-3915 Jul 28 j 18:35	3°♋26'53	3°17'52
	-3915 Aug 01 j 03:33	30°℞♊	
morning rise	-3915 Aug 03 j 22:22	28°♊04'53	
direct	-3915 Aug 06 j 15:59	27°♊25'11	
asc. node	-3915 Aug 09 j 00:29	27°♊54'26	
	-3915 Aug 12 j 04:58	0°♋	
morning max el	-3915 Aug 13 j 04:35	0°♋55'55	18°09'54
morning set	-3915 Aug 31 j 08:11	28°♋28'01	
	-3915 Sep 01 j 06:09	0°♌	
superior conj	-3915 Sep 14 j 06:13	21°♌19'39	0°38'36
minimum elong	-3915 Sep 14 j 10:37	21°♌37'19	0°38'08
max. Earth dist.	-3915 Sep 18 j 04:32	27°♌35'33	1.44524 AU
	-3915 Sep 19 j 17:04	0°♍	
desc. node	-3915 Sep 20 j 10:09	1°♍07'24	
evening rise	-3915 Sep 30 j 21:25	17°♍28'19	
	-3915 Oct 09 j 00:21	0°♎	
greatest brilliancy	-3915 Oct 18 j 15:25	14°♎20'25	-0.6m
evening max el	-3915 Oct 26 j 06:40	23°♎58'20	19°51'53
retrograde	-3915 Nov 02 j 18:55	28°♎21'15	
asc. node	-3915 Nov 04 j 23:24	27°♎53'29	

evening set	-3915 Nov 06 j 06:18	27°♎10'49	
inferior conj	-3915 Nov 11 j 20:12	21°♎08'27	2°12'09
minimum elong	-3915 Nov 11 j 17:30	21°♎17'21	2°11'09
min. Earth dist.	-3915 Nov 12 j 19:31	19°♎51'33	0.66464 AU
morning rise	-3915 Nov 17 j 04:02	14°♎53'18	
direct	-3915 Nov 23 j 01:44	12°♎18'52	
morning max el	-3915 Dec 05 j 01:37	19°♎25'20	25°25'09
	-3915 Dec 14 j 02:55	0°♏	
desc. node	-3915 Dec 17 j 09:57	4°♏24'06	
	-3914 Jan 03 j 04:44	0°♐	
morning set	-3914 Jan 10 j 06:33	12°♐18'51	
max. Earth dist.	-3914 Jan 14 j 01:58	19°♐20'37	1.36481 AU
superior conj	-3914 Jan 19 j 23:13	0°♑44'54	-1°-38'-54
minimum elong	-3914 Jan 20 j 02:14	0°♑59'55	1°38'47
	-3914 Jan 19 j 14:10	0°♑	
evening rise	-3914 Jan 28 j 02:45	17°♑13'50	
asc. node	-3914 Jan 31 j 22:30	24°♑48'33	
	-3914 Feb 03 j 17:02	0°♒	
evening max el	-3914 Feb 14 j 16:00	15°♒31'25	19°46'44
retrograde	-3914 Feb 24 j 10:06	20°♒09'03	
evening set	-3914 Feb 26 j 17:34	19°♒54'39	
inferior conj	-3914 Mar 07 j 07:36	15°♒52'17	2°07'19
minimum elong	-3914 Mar 07 j 12:17	15°♒44'58	2°05'50
min. Earth dist.	-3914 Mar 09 j 16:54	14°♒23'08	0.55997 AU
desc. node	-3914 Mar 15 j 09:06	11°♒31'05	
morning rise	-3914 Mar 16 j 03:45	11°♒15'30	
direct	-3914 Mar 20 j 09:30	10°♒35'27	
morning max el	-3914 Apr 03 j 07:19	17°♒34'09	24°16'05
	-3914 Apr 13 j 10:24	0°♓	
morning set	-3914 Apr 28 j 04:25	26°♓49'24	
asc. node	-3914 Apr 29 j 22:07	0°♈30'03	
	-3914 Apr 29 j 16:28	0°♈	
superior conj	-3914 May 05 j 06:34	12°♈03'02	0°53'07
minimum elong	-3914 May 05 j 04:27	11°♈51'32	0°52'45
max. Earth dist.	-3914 May 06 j 23:10	15°♈41'22	1.33322 AU
evening rise	-3914 May 12 j 16:40	27°♈38'49	
	-3914 May 13 j 20:50	0°♉	
	-3914 May 31 j 03:22	0°♊	
desc. node	-3914 Jun 11 j 07:51	14°♊34'25	
evening max el	-3914 Jun 14 j 16:35	18°♊02'53	27°25'08
retrograde	-3914 Jun 28 j 10:24	25°♊26'18	
evening set	-3914 Jul 05 j 14:00	22°♊51'08	
min. Earth dist.	-3914 Jul 09 j 04:18	19°♊46'05	0.63157 AU
inferior conj	-3914 Jul 11 j 22:18	17°♊01'01	-3°-54'-32
minimum elong	-3914 Jul 12 j 01:41	16°♊52'33	3°53'50
morning rise	-3914 Jul 18 j 15:26	11°♊46'51	
direct	-3914 Jul 21 j 05:26	11°♊14'59	
asc. node	-3914 Jul 26 j 21:34	13°♊48'08	
morning max el	-3914 Jul 27 j 19:29	14°♊39'11	17°56'41
	-3914 Aug 07 j 10:55	0°♋	
morning set	-3914 Aug 13 j 11:19	10°♋29'46	
	-3914 Aug 24 j 18:53	0°♌	
superior conj	-3914 Aug 25 j 10:14	1°♌04'12	1°16'02
minimum elong	-3914 Aug 25 j 15:57	1°♌28'00	1°15'35
max. Earth dist.	-3914 Aug 31 j 19:49	11°♌34'08	1.43535 AU
desc. node	-3914 Sep 07 j 07:09	21°♌51'14	
evening rise	-3914 Sep 10 j 01:54	26°♌11'14	
	-3914 Sep 12 j 13:12	0°♍	
	-3914 Oct 03 j 02:17	0°♎	
greatest brilliancy	-3914 Oct 03 j 16:32	0°♎46'33	-0.5m
evening max el	-3914 Oct 09 j 07:36	7°♎25'00	20°56'23
retrograde	-3914 Oct 17 j 15:58	12°♎21'17	
evening set	-3914 Oct 21 j 13:48	10°♎54'22	
asc. node	-3914 Oct 22 j 20:30	9°♎48'07	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-3914 Oct 27 j 00:18	4°♎42'18	1°23'27
minimum elong	-3914 Oct 26 j 22:28	4°♎48'34	1°22'42
min. Earth dist.	-3914 Oct 27 j 12:04	4°♎02'09	0.67087 AU
	-3914 Oct 30 j 16:30	30°℞♍	
morning rise	-3914 Nov 01 j 06:44	28°♍25'07	
direct	-3914 Nov 06 j 13:04	26°♍10'06	
	-3914 Nov 14 j 13:44	0°♎	
morning max el	-3914 Nov 17 j 10:21	2°♎39'43	24°01'49
desc. node	-3914 Dec 04 j 06:57	24°♎06'58	
	-3914 Dec 08 j 06:45	0°♏	
morning set	-3914 Dec 22 j 23:41	23°♏37'35	
	-3914 Dec 26 j 15:15	0°♐	
max. Earth dist.	-3914 Dec 26 j 22:37	0°♐32'46	1.38443 AU
superior conj	-3913 Jan 03 j 03:10	13°♐47'36	-1°-51'-21
minimum elong	-3913 Jan 03 j 05:02	13°♐56'31	1°51'26
	-3913 Jan 11 j 11:04	0°♑	
evening rise	-3913 Jan 12 j 00:47	1°♑07'20	
asc. node	-3913 Jan 18 j 19:33	13°♑57'35	
evening max el	-3913 Jan 28 j 13:15	27°♑44'33	18°53'48
	-3913 Jan 31 j 08:59	0°♒	
retrograde	-3913 Feb 05 j 20:26	1°♒44'05	
evening set	-3913 Feb 08 j 06:06	1°♒25'22	
	-3913 Feb 11 j 17:22	30°℞♑	
inferior conj	-3913 Feb 16 j 03:12	27°♑06'25	3°20'15
minimum elong	-3913 Feb 16 j 07:36	26°♑58'28	3°19'15
min. Earth dist.	-3913 Feb 19 j 08:28	24°♑48'03	0.57509 AU
morning rise	-3913 Feb 24 j 05:21	22°♑00'12	
direct	-3913 Mar 01 j 16:38	20°♑48'28	
desc. node	-3913 Mar 02 j 06:13	20°♑49'14	
morning max el	-3913 Mar 15 j 22:30	28°♑11'40	25°48'35
	-3913 Mar 17 j 17:21	0°♒	
	-3913 Apr 06 j 18:30	0°♓	
morning set	-3913 Apr 12 j 16:23	11°♓51'29	
asc. node	-3913 Apr 16 j 19:06	20°♓39'48	
superior conj	-3913 Apr 19 j 17:24	27°♓03'13	0°30'09
minimum elong	-3913 Apr 19 j 16:06	26°♓56'08	0°29'53
max. Earth dist.	-3913 Apr 20 j 10:14	28°♓35'07	1.32772 AU
	-3913 Apr 21 j 01:50	0°♈	
evening rise	-3913 Apr 26 j 20:54	12°♈20'16	
	-3913 May 06 j 01:06	0°♉	
	-3913 May 27 j 10:53	0°♊	
evening max el	-3913 May 27 j 22:27	0°♊27'59	27°04'14
desc. node	-3913 May 29 j 04:57	1°♊38'29	
retrograde	-3913 Jun 10 j 21:25	7°♊49'22	
evening set	-3913 Jun 17 j 19:19	5°♊39'04	
min. Earth dist.	-3913 Jun 21 j 11:58	2°♊54'16	0.61265 AU
inferior conj	-3913 Jun 24 j 17:16	0°♊04'05	-4°-16'-14
minimum elong	-3913 Jun 24 j 18:55	0°♊00'26	4°16'01
	-3913 Jun 24 j 19:07	30°℞♉	
morning rise	-3913 Jul 01 j 21:23	25°♉11'12	
direct	-3913 Jul 04 j 09:33	24°♉45'15	
morning max el	-3913 Jul 11 j 08:58	28°♉12'29	18°02'10
	-3913 Jul 13 j 01:16	0°♊	
asc. node	-3913 Jul 13 j 18:38	0°♊52'09	
morning set	-3913 Jul 27 j 09:05	23°♊25'15	
	-3913 Jul 30 j 23:01	0°♋	
superior conj	-3913 Aug 06 j 17:55	12°♋11'00	1°38'54
minimum elong	-3913 Aug 06 j 21:36	12°♋27'10	1°38'50
max. Earth dist.	-3913 Aug 14 j 05:49	24°♋59'21	1.41996 AU
	-3913 Aug 17 j 06:56	0°♌	
evening rise	-3913 Aug 20 j 12:47	5°♌13'15	
desc. node	-3913 Aug 25 j 04:08	12°♌30'15	
	-3913 Sep 05 j 21:14	0°♍	
greatest brilliancy	-3913 Sep 17 j 08:29	15°♍29'03	-0.3m
evening max el	-3913 Sep 22 j 02:14	20°♍50'16	22°11'21
retrograde	-3913 Oct 01 j 11:32	26°♍25'01	
evening set	-3913 Oct 05 j 21:52	24°♍39'24	
asc. node	-3913 Oct 09 j 17:38	20°♍26'53	
inferior conj	-3913 Oct 11 j 06:32	18°♍21'05	0°31'32
minimum elong	-3913 Oct 11 j 05:49	18°♍23'36	0°31'14
min. Earth dist.	-3913 Oct 11 j 07:45	18°♍16'54	0.67390 AU
morning rise	-3913 Oct 16 j 13:36	12°♍04'42	
direct	-3913 Oct 21 j 04:46	10°♍11'22	
morning max el	-3913 Oct 30 j 21:28	15°♍57'51	22°35'28
greatest brilliancy	-3913 Nov 04 j 14:19	21°♍15'23	-0.3m
	-3913 Nov 11 j 07:10	0°♎	
desc. node	-3913 Nov 21 j 03:57	14°♎12'56	
	-3913 Dec 01 j 08:11	0°♏	
morning set	-3913 Dec 03 j 13:08	3°♏34'14	
max. Earth dist.	-3913 Dec 08 j 19:54	12°♏21'34	1.40509 AU
superior conj	-3913 Dec 16 j 14:11	25°♏57'08	-1°-54'-41
minimum elong	-3913 Dec 16 j 13:28	25°♏53'59	1°54'49
	-3913 Dec 18 j 19:34	0°♐	
evening rise	-3913 Dec 26 j 13:19	14°♐28'33	
	-3912 Jan 04 j 02:23	0°♑	
asc. node	-3912 Jan 05 j 16:37	2°♑34'42	
evening max el	-3912 Jan 11 j 18:27	10°♑27'01	18°21'00
retrograde	-3912 Jan 19 j 01:27	14°♑03'54	
evening set	-3912 Jan 21 j 13:47	13°♑39'14	
inferior conj	-3912 Jan 28 j 19:26	8°♑59'11	3°56'07
minimum elong	-3912 Jan 28 j 21:14	8°♑55'23	3°55'48
min. Earth dist.	-3912 Feb 01 j 04:12	6°♑10'45	0.59432 AU
morning rise	-3912 Feb 05 j 01:26	3°♑29'26	
direct	-3912 Feb 11 j 12:18	1°♑38'43	
desc. node	-3912 Feb 17 j 03:18	2°♑57'51	
morning max el	-3912 Feb 25 j 18:08	9°♑15'13	26°59'12
	-3912 Mar 12 j 15:03	0°♒	
morning set	-3912 Mar 27 j 02:30	26°♒47'25	
	-3912 Mar 28 j 15:10	0°♓	
asc. node	-3912 Apr 02 j 16:07	10°♓53'35	
superior conj	-3912 Apr 03 j 05:12	12°♓05'10	0°05'43
minimum elong	-3912 Apr 03 j 04:56	12°♓03'47	0°05'37
behind sun begin	-3912 Apr 03 j 00:14	11°♓38'03	
behind sun end	-3912 Apr 03 j 09:38	12°♓29'31	
max. Earth dist.	-3912 Apr 02 j 23:42	11°♓35'04	1.32562 AU
evening rise	-3912 Apr 10 j 05:38	27°♓13'58	
	-3912 Apr 11 j 13:38	0°♈	
	-3912 Apr 28 j 17:42	0°♉	
evening max el	-3912 May 08 j 22:13	12°♉10'53	26°11'14
desc. node	-3912 May 15 j 02:03	17°♉00'42	
retrograde	-3912 May 23 j 00:18	19°♉28'27	
evening set	-3912 May 29 j 04:20	17°♉54'09	
min. Earth dist.	-3912 Jun 02 j 10:59	15°♉12'39	0.59222 AU
inferior conj	-3912 Jun 05 j 20:00	12°♉37'44	-4°-16'-21
minimum elong	-3912 Jun 05 j 18:31	12°♉40'35	4°16'11
morning rise	-3912 Jun 13 j 12:29	8°♉07'12	
direct	-3912 Jun 15 j 23:53	7°♉45'58	
morning max el	-3912 Jun 23 j 18:09	11°♉28'07	18°27'13
asc. node	-3912 Jun 29 j 15:43	18°♉51'36	
	-3912 Jul 06 j 03:23	0°♊	
morning set	-3912 Jul 09 j 20:37	7°♊02'16	
superior conj	-3912 Jul 19 j 01:26	24°♊29'50	1°48'27
minimum elong	-3912 Jul 19 j 02:25	24°♊34'21	1°48'36
	-3912 Jul 22 j 01:46	0°♋	
max. Earth dist.	-3912 Jul 26 j 09:47	7°♋39'50	1.40122 AU
evening rise	-3912 Jul 30 j 21:53	15°♋19'01	
	-3912 Aug 09 j 01:51	0°♌	
desc. node	-3912 Aug 11 j 01:08	3°♌00'46	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3912 Aug 30 j 17:39	0°♍	
evening max el	-3912 Sep 03 j 15:48	4°♍16'11	23°31'47
retrograde	-3912 Sep 14 j 04:14	10°♍29'26	
evening set	-3912 Sep 19 j 04:43	8°♍24'14	
min. Earth dist.	-3912 Sep 24 j 04:09	2°♍34'03	0.67397 AU
inferior conj	-3912 Sep 24 j 13:08	2°♍03'17	0°-21'-56
minimum elong	-3912 Sep 24 j 13:38	2°♍01'32	0°21'39
asc. node	-3912 Sep 25 j 14:47	0°♍36'08	
	-3912 Sep 26 j 01:42	30°℞♌	
morning rise	-3912 Sep 29 j 22:40	25°♌50'36	
direct	-3912 Oct 04 j 00:01	24°♌18'23	
morning max el	-3912 Oct 12 j 13:53	29°♌22'02	21°13'56
	-3912 Oct 13 j 04:30	0°♍	
greatest brilliancy	-3912 Oct 18 j 00:10	5°♍41'07	-0.5m
	-3912 Nov 04 j 00:49	0°♎	
desc. node	-3912 Nov 07 j 00:54	4°♎34'45	
morning set	-3912 Nov 11 j 23:28	12°♎14'52	
max. Earth dist.	-3912 Nov 19 j 22:54	25°♎01'21	1.42401 AU
	-3912 Nov 22 j 23:16	0°♏	
superior conj	-3912 Nov 27 j 02:28	6°♏58'35	-1°-45'-9
minimum elong	-3912 Nov 26 j 22:04	6°♏39'45	1°44'59
evening rise	-3912 Dec 08 j 12:36	27°♏08'14	
	-3912 Dec 10 j 02:41	0°♐	
asc. node	-3912 Dec 22 j 13:42	20°♐28'58	
evening max el	-3912 Dec 25 j 04:46	23°♐29'48	18°08'09
retrograde	-3912 Dec 31 j 22:09	26°♐57'54	
evening set	-3911 Jan 03 j 13:17	26°♐26'10	
inferior conj	-3911 Jan 10 j 06:07	21°♐24'25	4°02'06
minimum elong	-3911 Jan 10 j 05:19	21°♐26'21	4°01'54
min. Earth dist.	-3911 Jan 13 j 06:56	18°♐29'43	0.61438 AU
morning rise	-3911 Jan 16 j 18:55	15°♐38'22	
direct	-3911 Jan 23 j 18:26	13°♐13'35	
desc. node	-3911 Feb 03 j 00:23	17°♐34'37	
morning max el	-3911 Feb 06 j 19:52	20°♐56'47	27°37'17
	-3911 Feb 14 j 17:21	0°♑	
	-3911 Mar 05 j 12:39	0°♒	
morning set	-3911 Mar 11 j 08:44	11°♒29'00	
max. Earth dist.	-3911 Mar 17 j 11:41	24°♒26'40	1.32697 AU
superior conj	-3911 Mar 18 j 16:14	27°♒01'52	0°-19'-25
minimum elong	-3911 Mar 18 j 17:07	27°♒06'38	0°19'21
	-3911 Mar 20 j 00:55	0°♓	
asc. node	-3911 Mar 20 j 13:07	1°♓06'26	
evening rise	-3911 Mar 25 j 16:42	12°♓11'36	
	-3911 Apr 03 j 19:42	0°♈	
evening max el	-3911 Apr 20 j 16:13	23°♈15'10	24°52'27
desc. node	-3911 May 01 j 23:10	0°♉04'17	
	-3911 May 01 j 15:29	0°♉	
retrograde	-3911 May 04 j 16:43	0°♉21'39	
	-3911 May 07 j 18:02	30°℞♈	
evening set	-3911 May 09 j 15:45	29°♈25'20	
min. Earth dist.	-3911 May 15 j 04:27	26°♈30'43	0.57301 AU
inferior conj	-3911 May 18 j 03:22	24°♈33'00	-3°-44'-44
minimum elong	-3911 May 17 j 22:28	24°♈41'12	3°43'49
morning rise	-3911 May 26 j 09:20	20°♈22'21	
direct	-3911 May 28 j 20:28	20°♈04'50	
morning max el	-3911 Jun 06 j 20:04	24°♈16'12	19°12'37
	-3911 Jun 11 j 17:39	0°♉	
asc. node	-3911 Jun 16 j 12:45	7°♉33'25	
morning set	-3911 Jun 23 j 18:05	21°♉11'09	
	-3911 Jun 28 j 04:26	0°♊	
superior conj	-3911 Jul 02 j 02:59	7°♊44'26	1°47'28
minimum elong	-3911 Jul 02 j 01:52	7°♊39'01	1°47'35
max. Earth dist.	-3911 Jul 08 j 11:21	19°♊42'09	1.38173 AU
evening rise	-3911 Jul 12 j 09:17	26°♊42'16	

	-3911 Jul 14 j 06:53	0°♋	
desc. node	-3911 Jul 28 j 22:08	23°♋18'06	
	-3911 Aug 02 j 14:19	0°♌	
evening max el	-3911 Aug 17 j 02:53	17°♌45'52	24°50'58
retrograde	-3911 Aug 28 j 17:00	24°♌31'24	
evening set	-3911 Sep 03 j 08:33	22°♌07'33	
min. Earth dist.	-3911 Sep 07 j 22:47	16°♌52'39	0.67102 AU
inferior conj	-3911 Sep 08 j 18:21	15°♌47'39	-1°-15'-16
minimum elong	-3911 Sep 08 j 20:07	15°♌41'49	1°14'26
asc. node	-3911 Sep 12 j 11:54	11°♌16'07	
morning rise	-3911 Sep 14 j 08:03	9°♌41'54	
direct	-3911 Sep 17 j 21:37	8°♌28'23	
morning max el	-3911 Sep 25 j 13:24	12°♌54'57	20°03'05
greatest brilliancy	-3911 Oct 02 j 21:23	21°♌58'44	-0.6m
	-3911 Oct 08 j 11:09	0°♍	
morning set	-3911 Oct 21 j 21:31	20°♍26'48	
desc. node	-3911 Oct 24 j 21:50	25°♍07'47	
	-3911 Oct 28 j 00:30	0°♎	
max. Earth dist.	-3911 Nov 02 j 09:15	8°♎29'48	1.43860 AU
superior conj	-3911 Nov 07 j 11:36	16°♎43'07	-1°-19'-24
minimum elong	-3911 Nov 07 j 04:37	16°♎14'40	1°18'45
	-3911 Nov 15 j 11:52	0°♏	
evening rise	-3911 Nov 20 j 18:14	8°♏57'59	
	-3911 Dec 03 j 10:08	0°♐	
evening max el	-3911 Dec 08 j 17:21	6°♐45'48	18°14'32
asc. node	-3911 Dec 09 j 10:47	7°♐28'00	
retrograde	-3911 Dec 15 j 06:20	10°♐17'01	
evening set	-3911 Dec 18 j 01:02	9°♐36'56	
inferior conj	-3911 Dec 24 j 07:37	4°♐14'36	3°46'55
minimum elong	-3911 Dec 24 j 05:09	4°♐21'18	3°46'25
min. Earth dist.	-3911 Dec 26 j 18:49	1°♐34'32	0.63274 AU
	-3911 Dec 28 j 08:21	30°℞♏	
morning rise	-3911 Dec 30 j 07:36	28°♏16'59	
direct	-3910 Jan 06 j 08:40	25°♏31'49	
	-3910 Jan 16 j 11:13	0°♐	
morning max el	-3910 Jan 20 j 02:34	3°♐16'05	27°39'08
desc. node	-3910 Jan 20 j 21:27	4°♐03'31	
	-3910 Feb 09 j 03:07	0°♑	
morning set	-3910 Feb 23 j 08:45	25°♑48'04	
	-3910 Feb 25 j 10:28	0°♒	
max. Earth dist.	-3910 Feb 28 j 18:21	6°♒56'41	1.33205 AU
superior conj	-3910 Mar 03 j 00:49	11°♒47'18	0°-44'-19
minimum elong	-3910 Mar 03 j 02:46	11°♒57'47	0°44'06
asc. node	-3910 Mar 07 j 10:05	21°♒14'21	
evening rise	-3910 Mar 10 j 04:20	27°♒06'43	
	-3910 Mar 11 j 13:35	0°♓	
	-3910 Mar 29 j 14:54	0°♈	
evening max el	-3910 Apr 02 j 08:14	3°♈59'02	23°19'45
retrograde	-3910 Apr 15 j 20:05	10°♈39'30	
desc. node	-3910 Apr 18 j 20:18	10°♈19'34	
evening set	-3910 Apr 19 j 11:22	10°♈10'34	
min. Earth dist.	-3910 Apr 26 j 19:10	6°♈51'05	0.55856 AU
inferior conj	-3910 Apr 28 j 15:01	5°♈46'19	-2°-33'-7
minimum elong	-3910 Apr 28 j 09:14	5°♈54'54	2°31'29
morning rise	-3910 May 07 j 10:17	1°♈48'03	
direct	-3910 May 09 j 22:46	1°♈32'26	
morning max el	-3910 May 20 j 12:11	6°♈27'12	20°18'19
asc. node	-3910 Jun 03 j 09:44	26°♈47'02	
	-3910 Jun 05 j 01:43	0°♉	
morning set	-3910 Jun 07 j 22:25	5°♉43'30	
superior conj	-3910 Jun 15 j 17:29	21°♉39'45	1°38'38
minimum elong	-3910 Jun 15 j 15:11	21°♉28'09	1°38'34
	-3910 Jun 19 j 22:21	0°♊	
max. Earth dist.	-3910 Jun 20 j 16:45	1°♊29'02	1.36385 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-3910 Jun 24 j 19:19	9°♊13'28	
	-3910 Jul 06 j 22:48	0°♋	
desc. node	-3910 Jul 15 j 19:10	13°♋15'30	
	-3910 Jul 29 j 06:48	0°♌	
evening max el	-3910 Jul 30 j 13:46	1°♌17'50	26°01'02
retrograde	-3910 Aug 12 j 01:03	8°♌25'27	
evening set	-3910 Aug 18 j 07:23	5°♌46'37	
min. Earth dist.	-3910 Aug 22 j 13:09	1°♌09'40	0.66477 AU
	-3910 Aug 23 j 11:17	30°℞♋	
inferior conj	-3910 Aug 23 j 20:23	29°♋31'12	-2°-6'-45
minimum elong	-3910 Aug 23 j 23:16	29°♋22'10	2°05'33
morning rise	-3910 Aug 29 j 15:51	23°♋35'49	
asc. node	-3910 Aug 30 j 08:59	23°♋12'41	
direct	-3910 Sep 01 j 19:54	22°♋37'56	
morning max el	-3910 Sep 08 j 19:49	26°♋35'39	19°06'20
	-3910 Sep 11 j 19:09	0°♌	
morning set	-3910 Oct 01 j 06:53	29°♌17'34	
	-3910 Oct 01 j 17:40	0°♍	
desc. node	-3910 Oct 11 j 18:46	15°♍47'51	
max. Earth dist.	-3910 Oct 16 j 01:22	22°♍32'00	1.44693 AU
superior conj	-3910 Oct 17 j 19:58	25°♍20'15	0°-37'-46
minimum elong	-3910 Oct 17 j 15:13	25°♍01'30	0°37'09
	-3910 Oct 20 j 18:31	0°♎	
evening rise	-3910 Nov 02 j 01:37	19°♎48'48	
	-3910 Nov 08 j 07:10	0°♏	
evening max el	-3910 Nov 22 j 05:27	20°♏08'48	18°39'11
asc. node	-3910 Nov 26 j 07:52	23°♏16'50	
retrograde	-3910 Nov 28 j 22:00	23°♏53'24	
evening set	-3910 Dec 01 j 21:39	23°♏03'16	
inferior conj	-3910 Dec 07 j 20:14	17°♏22'44	3°17'20
minimum elong	-3910 Dec 07 j 17:07	17°♏32'04	3°16'28
min. Earth dist.	-3910 Dec 09 j 16:35	15°♏10'42	0.64794 AU
morning rise	-3910 Dec 13 j 11:25	11°♏16'20	
direct	-3910 Dec 20 j 05:30	8°♏26'11	
morning max el	-3909 Jan 02 j 11:52	16°♏04'32	27°07'15
desc. node	-3909 Jan 07 j 18:28	21°♏52'29	
	-3909 Jan 14 j 01:50	0°♐	
	-3909 Feb 01 j 20:57	0°♑	
morning set	-3909 Feb 06 j 23:30	9°♑34'46	
max. Earth dist.	-3909 Feb 11 j 16:08	18°♑55'14	1.34126 AU
superior conj	-3909 Feb 15 j 04:59	26°♑14'52	-1°-7'-56
minimum elong	-3909 Feb 15 j 07:47	26°♑29'34	1°07'39
	-3909 Feb 16 j 23:42	0°♒	
asc. node	-3909 Feb 22 j 07:05	11°♒13'05	
evening rise	-3909 Feb 22 j 14:45	11°♒53'05	
	-3909 Mar 04 j 01:36	0°♓	
evening max el	-3909 Mar 15 j 04:14	14°♓49'05	21°47'14
retrograde	-3909 Mar 27 j 12:25	20°♓46'52	
evening set	-3909 Mar 30 j 05:02	20°♓30'39	
desc. node	-3909 Apr 05 j 17:25	18°♓00'10	
inferior conj	-3909 Apr 08 j 12:48	16°♓27'29	0°-46'-36
minimum elong	-3909 Apr 08 j 10:38	16°♓30'32	0°45'55
min. Earth dist.	-3909 Apr 08 j 09:00	16°♓32'50	0.55183 AU
morning rise	-3909 Apr 17 j 17:02	12°♓27'30	
direct	-3909 Apr 20 j 12:30	12°♓09'58	
morning max el	-3909 May 02 j 17:26	17°♓57'00	21°42'22
	-3909 May 12 j 06:11	0°♈	
asc. node	-3909 May 21 j 06:43	16°♈24'40	
morning set	-3909 May 23 j 07:19	20°♈32'54	
	-3909 May 27 j 19:32	0°♉	
superior conj	-3909 May 30 j 17:05	6°♉04'59	1°24'04
minimum elong	-3909 May 30 j 14:24	5°♉50'58	1°23'49
max. Earth dist.	-3909 Jun 03 j 06:54	13°♉26'29	1.34907 AU
evening rise	-3909 Jun 07 j 22:42	22°♉38'19	
	-3909 Jun 11 j 21:05	0°♊	
	-3909 Jun 30 j 15:28	0°♋	
desc. node	-3909 Jul 02 j 16:14	2°♋44'16	
evening max el	-3909 Jul 13 j 01:10	14°♋45'48	26°53'50
retrograde	-3909 Jul 26 j 04:02	22°♋05'30	
evening set	-3909 Aug 01 j 22:54	19°♋18'42	
min. Earth dist.	-3909 Aug 05 j 20:54	15°♋20'41	0.65490 AU
inferior conj	-3909 Aug 07 j 17:13	13°♋10'54	-2°-54'-20
minimum elong	-3909 Aug 07 j 20:52	13°♋00'14	2°53'05
morning rise	-3909 Aug 13 j 19:59	7°♋29'14	
direct	-3909 Aug 16 j 16:48	6°♋43'45	
asc. node	-3909 Aug 17 j 06:04	6°♋45'26	
morning max el	-3909 Aug 23 j 07:31	10°♋21'36	18°25'36
	-3909 Sep 05 j 23:40	0°♌	
morning set	-3909 Sep 11 j 17:57	9°♌24'35	
	-3909 Sep 24 j 12:41	0°♍	
superior conj	-3909 Sep 26 j 19:33	3°♍37'25	0°11'41
minimum elong	-3909 Sep 26 j 21:04	3°♍43'24	0°11'34
behind sun begin	-3909 Sep 26 j 13:03	3°♍11'42	
behind sun end	-3909 Sep 27 j 05:05	4°♍15'05	
desc. node	-3909 Sep 28 j 15:43	6°♍31'51	
max. Earth dist.	-3909 Sep 28 j 19:49	6°♍48'02	1.44798 AU
evening rise	-3909 Oct 13 j 08:12	29°♍36'36	
	-3909 Oct 13 j 14:10	0°♎	
greatest brilliancy	-3909 Oct 26 j 18:53	20°♎30'58	-0.7m
	-3909 Nov 02 j 12:29	0°♏	
evening max el	-3909 Nov 05 j 14:36	3°♏34'54	19°20'51
retrograde	-3909 Nov 12 j 17:51	7°♏41'47	
asc. node	-3909 Nov 13 j 04:57	7°♏40'34	
evening set	-3909 Nov 16 j 00:19	6°♏39'27	
inferior conj	-3909 Nov 21 j 16:52	0°♏43'50	2°37'59
minimum elong	-3909 Nov 21 j 13:51	0°♏53'30	2°36'57
	-3909 Nov 22 j 06:31	30°℞♎	
min. Earth dist.	-3909 Nov 22 j 23:20	29°♎06'16	0.65954 AU
morning rise	-3909 Nov 27 j 02:34	24°♎31'02	
direct	-3909 Dec 03 j 08:25	21°♎48'26	
morning max el	-3909 Dec 15 j 21:30	29°♎10'36	26°08'04
	-3909 Dec 16 j 16:54	0°♏	
desc. node	-3909 Dec 25 j 15:28	10°♏37'59	
	-3908 Jan 07 j 21:53	0°♐	
morning set	-3908 Jan 21 j 00:55	22°♐36'09	
	-3908 Jan 24 j 22:23	0°♑	
max. Earth dist.	-3908 Jan 25 j 02:23	0°♑19'27	1.35497 AU
superior conj	-3908 Jan 30 j 02:19	10°♑16'27	-1°-28'-50
minimum elong	-3908 Jan 30 j 05:29	10°♑32'33	1°28'38
evening rise	-3908 Feb 06 j 22:06	26°♑23'40	
	-3908 Feb 08 j 16:42	0°♒	
asc. node	-3908 Feb 09 j 04:06	0°♒57'09	
evening max el	-3908 Feb 25 j 09:09	26°♒06'06	20°25'53
	-3908 Mar 01 j 20:58	0°♓	
retrograde	-3908 Mar 07 j 02:50	1°♓12'26	
evening set	-3908 Mar 09 j 10:28	0°♓59'09	
	-3908 Mar 12 j 16:30	30°℞♒	
inferior conj	-3908 Mar 18 j 09:15	27°♒00'51	1°09'13
minimum elong	-3908 Mar 18 j 12:15	26°♒56'27	1°08'08
min. Earth dist.	-3908 Mar 19 j 23:03	26°♒05'21	0.55436 AU
desc. node	-3908 Mar 22 j 14:31	24°♒37'24	
morning rise	-3908 Mar 27 j 11:55	22°♒40'46	
direct	-3908 Mar 31 j 01:37	22°♒12'59	
morning max el	-3908 Apr 13 j 13:18	28°♒49'48	23°19'03
	-3908 Apr 14 j 17:51	0°♓	
	-3908 May 04 j 02:08	0°♈	
morning set	-3908 May 06 j 18:45	5°♈31'52	
asc. node	-3908 May 07 j 03:43	6°♈18'50	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-3908 May 13 j 22:48	20°♈49'40	1°05'19
minimum elong	-3908 May 13 j 20:20	20°♈36'31	1°04'58
max. Earth dist.	-3908 May 16 j 06:44	25°♈46'28	1.33791 AU
	-3908 May 18 j 07:19	0°♉	
evening rise	-3908 May 21 j 14:33	6°♉41'46	
	-3908 Jun 03 j 10:58	0°♊	
desc. node	-3908 Jun 18 j 13:19	21°♊31'38	
evening max el	-3908 Jun 24 j 12:01	27°♊58'30	27°22'09
	-3908 Jun 26 j 17:33	0°♋	
retrograde	-3908 Jul 08 j 01:37	5°♋22'46	
evening set	-3908 Jul 15 j 04:09	2°♋39'08	
	-3908 Jul 18 j 03:16	30°℞♊	
min. Earth dist.	-3908 Jul 18 j 20:05	29°♊17'03	0.64114 AU
inferior conj	-3908 Jul 21 j 06:25	26°♊41'38	-3°-35'-23
minimum elong	-3908 Jul 21 j 10:10	26°♊31'36	3°34'24
morning rise	-3908 Jul 27 j 17:56	21°♊16'50	
direct	-3908 Jul 30 j 09:44	20°♊40'50	
asc. node	-3908 Aug 03 j 03:09	21°♊51'08	
morning max el	-3908 Aug 05 j 22:05	24°♊07'32	18°02'03
	-3908 Aug 10 j 15:46	0°♋	
morning set	-3908 Aug 23 j 07:45	20°♋47'47	
	-3908 Aug 28 j 17:43	0°♌	
superior conj	-3908 Sep 05 j 09:02	12°♌38'42	0°56'11
minimum elong	-3908 Sep 05 j 14:33	13°♌01'11	0°55'39
max. Earth dist.	-3908 Sep 10 j 12:42	20°♌56'35	1.44178 AU
desc. node	-3908 Sep 14 j 12:42	27°♌16'37	
	-3908 Sep 16 j 06:21	0°♍	
evening rise	-3908 Sep 21 j 18:08	8°♍32'16	
	-3908 Oct 05 j 21:41	0°♎	
greatest brilliancy	-3908 Oct 12 j 03:27	8°♎54'09	-0.6m
evening max el	-3908 Oct 18 j 18:51	17°♎01'38	20°17'47
retrograde	-3908 Oct 26 j 15:11	21°♎38'32	
evening set	-3908 Oct 30 j 06:40	20°♎21'27	
asc. node	-3908 Oct 30 j 02:04	20°♎29'23	
inferior conj	-3908 Nov 04 j 18:54	14°♎14'19	1°52'02
minimum elong	-3908 Nov 04 j 16:32	14°♎22'17	1°51'06
min. Earth dist.	-3908 Nov 05 j 13:08	13°♎13'05	0.66763 AU
morning rise	-3908 Nov 10 j 01:50	7°♎57'43	
direct	-3908 Nov 15 j 16:57	5°♎31'06	
morning max el	-3908 Nov 27 j 06:20	12°♎23'56	24°50'40
	-3908 Dec 11 j 11:27	0°♏	
desc. node	-3908 Dec 11 j 12:29	0°♏03'39	
	-3908 Dec 30 j 16:02	0°♐	
morning set	-3907 Jan 02 j 07:40	4°♐37'40	
max. Earth dist.	-3907 Jan 06 j 02:07	11°♐25'30	1.37280 AU
superior conj	-3907 Jan 12 j 13:46	23°♐43'48	-1°-45'-6
minimum elong	-3907 Jan 12 j 16:27	23°♐56'57	1°45'04
	-3907 Jan 15 j 17:59	0°♑	
evening rise	-3907 Jan 21 j 00:16	10°♑32'39	
asc. node	-3907 Jan 26 j 01:09	20°♑21'00	
	-3907 Jan 31 j 15:57	0°♒	
evening max el	-3907 Feb 07 j 00:46	7°♒59'28	19°21'48
retrograde	-3907 Feb 16 j 03:11	12°♒19'17	
evening set	-3907 Feb 18 j 11:07	12°♒03'30	
inferior conj	-3907 Feb 26 j 18:00	7°♒55'13	2°42'57
minimum elong	-3907 Feb 26 j 23:01	7°♒46'54	2°41'32
min. Earth dist.	-3907 Mar 01 j 14:03	6°♒03'05	0.56563 AU
morning rise	-3907 Mar 07 j 07:09	3°♒05'05	
desc. node	-3907 Mar 09 j 11:38	2°♒28'28	
direct	-3907 Mar 12 j 01:24	2°♒13'02	
morning max el	-3907 Mar 26 j 04:26	9°♒24'54	24°57'11
	-3907 Apr 10 j 12:58	0°♓	
morning set	-3907 Apr 21 j 07:00	20°♓34'13	
asc. node	-3907 Apr 24 j 00:44	26°♓24'06	
	-3907 Apr 25 j 16:39	0°♈	

superior conj	-3907 Apr 28 j 08:20	5°♈46'05	0°43'37
minimum elong	-3907 Apr 28 j 06:31	5°♈36'16	0°43'17
max. Earth dist.	-3907 Apr 29 j 14:24	8°♈29'00	1.33041 AU
evening rise	-3907 May 05 j 15:07	21°♈12'04	
	-3907 May 10 j 01:52	0°♉	
	-3907 May 28 j 12:55	0°♊	
desc. node	-3907 Jun 05 j 10:24	9°♊20'07	
evening max el	-3907 Jun 06 j 20:26	10°♊44'21	27°20'16
retrograde	-3907 Jun 20 j 17:05	18°♊07'56	
evening set	-3907 Jun 27 j 19:27	15°♊41'34	
min. Earth dist.	-3907 Jul 01 j 09:36	12°♊46'53	0.62380 AU
inferior conj	-3907 Jul 04 j 09:01	9°♊57'12	-4°-5'-52
minimum elong	-3907 Jul 04 j 11:50	9°♊50'28	4°05'23
morning rise	-3907 Jul 11 j 06:41	4°♊51'55	
direct	-3907 Jul 13 j 19:33	4°♊22'55	
morning max el	-3907 Jul 20 j 12:45	7°♊47'27	17°56'38
asc. node	-3907 Jul 21 j 00:15	8°♊16'27	
	-3907 Aug 04 j 00:14	0°♋	
morning set	-3907 Aug 05 j 19:28	3°♋13'44	
superior conj	-3907 Aug 17 j 00:56	22°♋58'22	1°27'31
minimum elong	-3907 Aug 17 j 06:00	23°♋20'01	1°27'13
	-3907 Aug 21 j 05:11	0°♌	
max. Earth dist.	-3907 Aug 24 j 01:21	4°♌40'23	1.42932 AU
evening rise	-3907 Aug 31 j 22:45	17°♌15'58	
desc. node	-3907 Sep 01 j 09:40	17°♌58'36	
	-3907 Sep 09 j 06:05	0°♍	
greatest brilliancy	-3907 Sep 26 j 14:35	24°♍34'01	-0.4m
	-3907 Oct 01 j 06:29	0°♎	
evening max el	-3907 Oct 01 j 17:04	0°♎27'23	21°27'21
retrograde	-3907 Oct 10 j 11:48	5°♎39'59	
evening set	-3907 Oct 14 j 14:36	4°♎05'34	
asc. node	-3907 Oct 16 j 23:13	1°♎47'32	
	-3907 Oct 18 j 09:53	30°℞♍	
inferior conj	-3907 Oct 20 j 00:09	27°♍50'29	1°01'43
minimum elong	-3907 Oct 19 j 22:46	27°♍55'16	1°01'09
min. Earth dist.	-3907 Oct 20 j 07:25	27°♍25'29	0.67250 AU
morning rise	-3907 Oct 25 j 06:35	21°♍33'03	
direct	-3907 Oct 30 j 06:23	19°♍26'56	
morning max el	-3907 Nov 09 j 15:34	25°♍39'02	23°24'50
	-3907 Nov 13 j 14:19	0°♎	
greatest brilliancy	-3907 Nov 15 j 09:44	2°♎11'04	-0.2m
desc. node	-3907 Nov 28 j 09:28	19°♎57'07	
	-3907 Dec 05 j 01:01	0°♏	
morning set	-3907 Dec 14 j 13:29	15°♏22'05	
max. Earth dist.	-3907 Dec 18 j 21:33	22°♏47'11	1.39325 AU
	-3907 Dec 22 j 23:05	0°♐	
superior conj	-3907 Dec 26 j 11:07	6°♐25'14	-1°-54'-6
minimum elong	-3907 Dec 26 j 12:05	6°♐29'44	1°54'14
evening rise	-3906 Jan 04 j 18:36	24°♐12'37	
	-3906 Jan 07 j 19:06	0°♑	
asc. node	-3906 Jan 12 j 22:12	9°♑17'14	
evening max el	-3906 Jan 21 j 01:47	20°♑25'59	18°37'25
retrograde	-3906 Jan 28 j 21:08	24°♑13'35	
evening set	-3906 Jan 31 j 08:03	23°♑52'27	
inferior conj	-3906 Feb 07 j 22:19	19°♑25'09	3°39'40
minimum elong	-3906 Feb 08 j 01:44	19°♑18'33	3°39'00
min. Earth dist.	-3906 Feb 11 j 07:06	16°♑50'57	0.58302 AU
morning rise	-3906 Feb 15 j 15:46	14°♑08'03	
direct	-3906 Feb 21 j 14:32	12°♑39'31	
desc. node	-3906 Feb 24 j 08:45	12°♑58'23	
morning max el	-3906 Mar 07 j 20:48	20°♑09'42	26°22'02
	-3906 Mar 16 j 07:14	0°♒	
	-3906 Apr 03 j 01:22	0°♓	
morning set	-3906 Apr 05 j 18:23	5°♓33'54	
asc. node	-3906 Apr 10 j 21:45	16°♓35'47	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-3906 Apr 12 j 19:47	20°♓47'29	0°19'56
minimum elong	-3906 Apr 12 j 18:54	20°♓42'42	0°19'43
max. Earth dist.	-3906 Apr 13 j 02:50	21°♓26'06	1.32639 AU
	-3906 Apr 17 j 01:30	0°♈	
evening rise	-3906 Apr 19 j 21:33	5°♈59'36	
	-3906 May 02 j 17:12	0°♉	
evening max el	-3906 May 20 j 00:06	22°♉52'47	26°45'34
desc. node	-3906 May 23 j 07:29	25°♉45'09	
	-3906 May 31 j 19:23	0°♊	
retrograde	-3906 Jun 03 j 00:58	0°♊12'42	
	-3906 Jun 05 j 05:48	30°℞♉	
evening set	-3906 Jun 09 j 16:35	28°♉17'08	
min. Earth dist.	-3906 Jun 13 j 13:36	25°♉35'38	0.60394 AU
inferior conj	-3906 Jun 16 j 21:35	22°♉49'25	-4°-19'-35
minimum elong	-3906 Jun 16 j 22:03	22°♉48'26	4°19'27
morning rise	-3906 Jun 24 j 06:45	18°♉05'43	
direct	-3906 Jun 26 j 18:26	17°♉41'55	
morning max el	-3906 Jul 04 j 00:44	21°♉14'18	18°10'20
asc. node	-3906 Jul 07 j 21:19	25°♉45'52	
	-3906 Jul 10 j 17:41	0°♊	
morning set	-3906 Jul 19 j 23:43	16°♊28'56	
	-3906 Jul 27 j 06:08	0°♋	
superior conj	-3906 Jul 29 j 19:28	4°♋37'54	1°44'25
minimum elong	-3906 Jul 29 j 21:59	4°♋49'11	1°44'28
max. Earth dist.	-3906 Aug 06 j 08:48	17°♋47'59	1.41229 AU
evening rise	-3906 Aug 11 j 18:00	26°♋42'31	
	-3906 Aug 13 j 19:07	0°♌	
desc. node	-3906 Aug 19 j 06:39	8°♌34'47	
	-3906 Sep 03 j 00:06	0°♍	
greatest brilliancy	-3906 Sep 09 j 12:40	8°♍26'28	-0.3m
evening max el	-3906 Sep 14 j 09:30	13°♍53'32	22°45'17
retrograde	-3906 Sep 24 j 06:10	19°♍44'24	
evening set	-3906 Sep 28 j 22:21	17°♍50'39	
asc. node	-3906 Oct 03 j 20:21	12°♍06'54	
inferior conj	-3906 Oct 04 j 06:46	11°♍31'01	0°08'55
minimum elong	-3906 Oct 04 j 06:33	11°♍31'45	0°08'53
transit middle	-3906 Oct 04 j 06:33	11°♍31'45	0°08'53
transit begin	-3906 Oct 04 j 04:17	11°♍39'34	
transit end	-3906 Oct 04 j 08:49	11°♍23'56	
min. Earth dist.	-3906 Oct 04 j 03:42	11°♍41'35	0.67438 AU
morning rise	-3906 Oct 09 j 14:40	5°♍15'50	
direct	-3906 Oct 13 j 23:52	3°♍31'28	
morning max el	-3906 Oct 23 j 04:27	8°♍58'46	21°59'40
greatest brilliancy	-3906 Oct 28 j 00:19	14°♍28'11	-0.4m
	-3906 Nov 08 j 09:50	0°♎	
desc. node	-3906 Nov 15 j 06:27	10°♎10'26	
morning set	-3906 Nov 24 j 14:30	24°♎42'37	
	-3906 Nov 27 j 20:58	0°♏	
max. Earth dist.	-3906 Nov 30 j 20:51	4°♏56'56	1.41363 AU
superior conj	-3906 Dec 08 j 13:10	18°♏07'25	-1°-52'-26
minimum elong	-3906 Dec 08 j 10:57	17°♏57'41	1°52'30
	-3906 Dec 15 j 03:22	0°♐	
evening rise	-3906 Dec 19 j 01:55	7°♐16'38	
asc. node	-3906 Dec 30 j 19:16	27°♐37'08	
	-3905 Jan 01 j 12:37	0°♑	
evening max el	-3905 Jan 04 j 09:32	3°♑17'53	18°13'07
retrograde	-3905 Jan 11 j 09:16	6°♑49'05	
evening set	-3905 Jan 13 j 22:55	6°♑21'22	
inferior conj	-3905 Jan 20 j 22:44	1°♑31'51	4°01'43
minimum elong	-3905 Jan 20 j 23:21	1°♑30'28	4°01'32
	-3905 Jan 22 j 15:38	30°℞♐	
min. Earth dist.	-3905 Jan 24 j 05:06	28°♐38'08	0.60301 AU
morning rise	-3905 Jan 27 j 20:57	25°♐54'45	
direct	-3905 Feb 03 j 14:50	23°♐48'23	
desc. node	-3905 Feb 11 j 05:51	26°♐13'48	
	-3905 Feb 16 j 05:28	0°♑	
morning max el	-3905 Feb 17 j 18:46	1°♑27'24	27°19'49
	-3905 Mar 10 j 10:28	0°♒	
morning set	-3905 Mar 21 j 03:03	20°♒24'01	
	-3905 Mar 25 j 15:37	0°♓	
max. Earth dist.	-3905 Mar 27 j 16:13	4°♓24'21	1.32578 AU
superior conj	-3905 Mar 28 j 07:24	5°♓47'22	0°-4'-56
minimum elong	-3905 Mar 28 j 07:38	5°♓48'36	0°04'59
behind sun begin	-3905 Mar 28 j 02:50	5°♓22'24	
behind sun end	-3905 Mar 28 j 12:25	6°♓14'48	
asc. node	-3905 Mar 28 j 18:43	6°♓49'15	
evening rise	-3905 Apr 04 j 07:29	20°♓55'37	
	-3905 Apr 08 j 18:34	0°♈	
	-3905 Apr 27 j 20:04	0°♉	
evening max el	-3905 May 01 j 21:20	4°♉18'05	25°40'22
desc. node	-3905 May 10 j 04:36	10°♉13'02	
retrograde	-3905 May 15 j 23:15	11°♉31'25	
evening set	-3905 May 21 j 16:10	10°♉13'54	
min. Earth dist.	-3905 May 26 j 09:43	7°♉28'44	0.58369 AU
inferior conj	-3905 May 29 j 16:21	5°♉07'27	-4°-7'-29
minimum elong	-3905 May 29 j 13:19	5°♉12'57	4°07'05
morning rise	-3905 Jun 06 j 14:26	0°♉45'45	
direct	-3905 Jun 09 j 01:52	0°♉26'05	
morning max el	-3905 Jun 17 j 07:05	4°♉18'40	18°44'04
asc. node	-3905 Jun 24 j 18:21	14°♉04'18	
	-3905 Jul 03 j 11:40	0°♊	
morning set	-3905 Jul 03 j 15:55	0°♊20'38	
superior conj	-3905 Jul 12 j 11:21	17°♊22'10	1°49'10
minimum elong	-3905 Jul 12 j 11:20	17°♊22'05	1°49'19
	-3905 Jul 19 j 08:51	0°♋	
max. Earth dist.	-3905 Jul 19 j 11:40	0°♋12'29	1.39290 AU
evening rise	-3905 Jul 23 j 14:24	7°♋21'04	
desc. node	-3905 Aug 06 j 03:39	29°♋00'21	
	-3905 Aug 06 j 19:37	0°♌	
evening max el	-3905 Aug 27 j 21:45	27°♌21'02	24°05'59
	-3905 Aug 30 j 19:00	0°♍	
retrograde	-3905 Sep 07 j 21:10	3°♍48'24	
evening set	-3905 Sep 13 j 04:08	1°♍34'52	
	-3905 Sep 14 j 18:52	30°℞♌	
min. Earth dist.	-3905 Sep 17 j 23:32	25°♌59'36	0.67318 AU
inferior conj	-3905 Sep 18 j 12:58	25°♌14'07	0°-44'-40
minimum elong	-3905 Sep 18 j 14:01	25°♌10'34	0°44'08
asc. node	-3905 Sep 20 j 17:28	22°♌22'03	
morning rise	-3905 Sep 24 j 00:05	19°♌04'14	
direct	-3905 Sep 27 j 20:13	17°♌40'20	
morning max el	-3905 Oct 05 j 23:50	22°♌26'43	20°42'15
greatest brilliancy	-3905 Oct 12 j 01:53	29°♌41'10	-0.5m
	-3905 Oct 12 j 07:35	0°♍	
	-3905 Nov 01 j 17:38	0°♎	
desc. node	-3905 Nov 02 j 03:24	0°♎37'43	
morning set	-3905 Nov 03 j 17:01	3°♎03'30	
max. Earth dist.	-3905 Nov 13 j 03:41	18°♎01'19	1.43095 AU
superior conj	-3905 Nov 19 j 14:15	28°♎36'45	-1°-36'-19
minimum elong	-3905 Nov 19 j 08:23	28°♎12'13	1°35'56
	-3905 Nov 20 j 10:07	0°♏	
evening rise	-3905 Dec 01 j 18:17	19°♏36'40	
	-3905 Dec 07 j 16:10	0°♐	
asc. node	-3905 Dec 17 j 16:20	15°♐09'42	
evening max el	-3905 Dec 18 j 21:07	16°♐27'06	18°08'30
retrograde	-3905 Dec 25 j 11:36	19°♐55'25	
evening set	-3905 Dec 28 j 04:07	19°♐20'15	
inferior conj	-3904 Jan 03 j 16:15	14°♐09'09	3°57'47
minimum elong	-3904 Jan 03 j 14:36	14°♐13'20	3°57'30
min. Earth dist.	-3904 Jan 06 j 11:30	11°♐18'46	0.62249 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-3904 Jan 09 j 23:03	8°♐17'39	
direct	-3904 Jan 17 j 00:15	5°♐42'41	
desc. node	-3904 Jan 29 j 02:54	11°♐43'05	
morning max el	-3904 Jan 30 j 23:05	13°♐26'41	27°42'36
	-3904 Feb 13 j 07:18	0°♑	
	-3904 Mar 01 j 19:24	0°♒	
morning set	-3904 Mar 04 j 06:58	4°♒57'31	
max. Earth dist.	-3904 Mar 10 j 02:40	17°♒09'51	1.32867 AU
superior conj	-3904 Mar 11 j 17:36	20°♒40'06	0°-30'-4
minimum elong	-3904 Mar 11 j 18:57	20°♒47'25	0°29'55
asc. node	-3904 Mar 14 j 15:42	27°♒00'39	
	-3904 Mar 16 j 00:50	0°♓	
evening rise	-3904 Mar 18 j 19:02	5°♓53'16	
	-3904 Mar 31 j 16:52	0°♈	
evening max el	-3904 Apr 12 j 13:39	15°♈09'58	24°13'47
retrograde	-3904 Apr 26 j 10:10	22°♈07'54	
desc. node	-3904 Apr 26 j 01:41	22°♈07'36	
evening set	-3904 Apr 30 j 19:38	21°♈24'43	
min. Earth dist.	-3904 May 07 j 01:20	18°♈21'03	0.56610 AU
inferior conj	-3904 May 09 j 15:02	16°♈44'13	-3°-19'-22
minimum elong	-3904 May 09 j 09:15	16°♈53'21	3°18'03
morning rise	-3904 May 18 j 02:54	12°♈40'34	
direct	-3904 May 20 j 14:22	12°♈24'09	
morning max el	-3904 May 30 j 05:06	16°♈51'48	19°38'13
	-3904 Jun 08 j 22:30	0°♉	
asc. node	-3904 Jun 10 j 15:21	3°♉00'22	
morning set	-3904 Jun 16 j 16:35	14°♉40'00	
	-3904 Jun 24 j 07:43	0°♊	
superior conj	-3904 Jun 24 j 18:57	0°♊55'32	1°44'33
minimum elong	-3904 Jun 24 j 17:14	0°♊47'01	1°44'36
max. Earth dist.	-3904 Jun 30 j 14:01	12°♊04'15	1.37378 AU
evening rise	-3904 Jul 04 j 11:59	19°♊14'03	
	-3904 Jul 10 j 17:26	0°♋	
desc. node	-3904 Jul 23 j 00:40	19°♋09'49	
	-3904 Jul 30 j 22:23	0°♌	
evening max el	-3904 Aug 09 j 08:20	10°♌51'02	25°22'18
retrograde	-3904 Aug 21 j 08:04	17°♌47'40	
evening set	-3904 Aug 27 j 06:07	15°♌16'28	
min. Earth dist.	-3904 Aug 31 j 16:33	10°♌17'42	0.66878 AU
inferior conj	-3904 Sep 01 j 17:02	8°♌57'58	-1°-37'-26
minimum elong	-3904 Sep 01 j 19:18	8°♌50'37	1°36'26
asc. node	-3904 Sep 06 j 14:33	3°♌29'54	
morning rise	-3904 Sep 07 j 09:01	2°♌56'29	
direct	-3904 Sep 10 j 18:12	1°♌50'12	
morning max el	-3904 Sep 18 j 02:32	6°♌03'28	19°37'07
greatest brilliancy	-3904 Sep 26 j 17:30	17°♌04'41	-0.7m
	-3904 Oct 05 j 08:08	0°♍	
morning set	-3904 Oct 12 j 17:13	11°♍24'48	
desc. node	-3904 Oct 19 j 00:20	21°♍14'08	
	-3904 Oct 24 j 14:01	0°♎	
max. Earth dist.	-3904 Oct 25 j 16:52	1°♎46'25	1.44295 AU
superior conj	-3904 Oct 29 j 11:50	7°♎49'09	-1°-3'-24
minimum elong	-3904 Oct 29 j 05:04	7°♎22'02	1°02'39
	-3904 Nov 12 j 00:06	0°♏	
evening rise	-3904 Nov 12 j 15:04	1°♏02'43	
evening max el	-3904 Dec 01 j 09:46	29°♏46'23	18°22'48
	-3904 Dec 01 j 15:10	0°♐	
asc. node	-3904 Dec 03 j 13:26	1°♐40'47	
retrograde	-3904 Dec 07 j 23:32	3°♐22'32	
evening set	-3904 Dec 10 j 20:01	2°♐38'34	
	-3904 Dec 14 j 07:01	30°℞♏	
inferior conj	-3904 Dec 16 j 22:56	27°♏08'06	3°35'49
minimum elong	-3904 Dec 16 j 20:05	27°♏16'13	3°35'10
min. Earth dist.	-3904 Dec 19 j 03:49	24°♏38'34	0.63959 AU
morning rise	-3904 Dec 22 j 18:41	21°♏06'07	
direct	-3904 Dec 29 j 17:29	18°♏17'01	
morning max el	-3903 Jan 12 j 07:28	26°♏00'42	27°29'24
desc. node	-3903 Jan 14 j 23:57	28°♏49'31	
	-3903 Jan 16 j 01:06	0°♐	
	-3903 Feb 05 j 19:18	0°♑	
morning set	-3903 Feb 16 j 03:29	19°♑04'16	
max. Earth dist.	-3903 Feb 21 j 05:59	29°♑27'19	1.33543 AU
	-3903 Feb 21 j 12:14	0°♒	
superior conj	-3903 Feb 24 j 00:33	5°♒18'31	0°-54'-35
minimum elong	-3903 Feb 24 j 02:54	5°♒31'04	0°54'19
asc. node	-3903 Mar 01 j 12:41	17°♒05'00	
evening rise	-3903 Mar 03 j 06:20	20°♒45'00	
	-3903 Mar 07 j 19:41	0°♓	
evening max el	-3903 Mar 25 j 06:25	25°♓52'20	22°39'33
	-3903 Mar 30 j 14:32	0°♈	
retrograde	-3903 Apr 07 j 08:46	2°♈17'10	
evening set	-3903 Apr 10 j 12:28	1°♈55'21	
desc. node	-3903 Apr 12 j 22:48	1°♈11'00	
	-3903 Apr 15 j 14:53	30°℞♓	
min. Earth dist.	-3903 Apr 18 j 15:40	28°♓21'14	0.55459 AU
inferior conj	-3903 Apr 19 j 19:35	27°♓41'12	-1°-51'-7
minimum elong	-3903 Apr 19 j 14:50	27°♓48'02	1°49'38
morning rise	-3903 Apr 28 j 19:34	23°♓44'20	
direct	-3903 May 01 j 09:39	23°♓28'44	
morning max el	-3903 May 12 j 16:42	28°♓45'31	20°52'08
	-3903 May 13 j 23:03	0°♈	
asc. node	-3903 May 28 j 12:20	22°♈24'39	
morning set	-3903 May 31 j 23:04	29°♈19'44	
	-3903 Jun 01 j 06:56	0°♉	
superior conj	-3903 Jun 08 j 13:44	15°♉04'36	1°33'03
minimum elong	-3903 Jun 08 j 11:11	14°♉51'32	1°32'55
max. Earth dist.	-3903 Jun 12 j 22:16	23°♉50'35	1.35707 AU
	-3903 Jun 16 j 02:34	0°♊	
evening rise	-3903 Jun 17 j 06:02	2°♊09'35	
	-3903 Jul 03 j 17:16	0°♋	
desc. node	-3903 Jul 09 j 21:41	8°♋56'02	
evening max el	-3903 Jul 22 j 19:18	24°♋21'40	26°26'09
	-3903 Jul 30 j 01:08	0°♌	
retrograde	-3903 Aug 04 j 14:14	1°♌36'32	
	-3903 Aug 09 j 14:43	30°℞♋	
evening set	-3903 Aug 11 j 02:12	28°♋53'08	
min. Earth dist.	-3903 Aug 15 j 04:28	24°♋32'43	0.66093 AU
inferior conj	-3903 Aug 16 j 17:09	22°♋40'19	-2°-27'-34
minimum elong	-3903 Aug 16 j 20:24	22°♋30'21	2°26'19
morning rise	-3903 Aug 22 j 15:31	16°♋50'20	
asc. node	-3903 Aug 24 j 11:39	16°♋06'15	
direct	-3903 Aug 25 j 16:06	15°♋58'16	
morning max el	-3903 Sep 01 j 11:29	19°♋46'56	18°46'59
	-3903 Sep 09 j 07:44	0°♌	
morning set	-3903 Sep 22 j 12:41	20°♌45'52	
	-3903 Sep 28 j 07:58	0°♍	
desc. node	-3903 Oct 05 j 21:17	11°♍56'22	
superior conj	-3903 Oct 08 j 13:53	16°♍10'51	0°-17'-1
minimum elong	-3903 Oct 08 j 11:39	16°♍02'01	0°16'42
max. Earth dist.	-3903 Oct 08 j 09:51	15°♍54'55	1.44820 AU
	-3903 Oct 17 j 07:49	0°♎	
evening rise	-3903 Oct 24 j 12:01	11°♎26'51	
	-3903 Nov 05 j 03:30	0°♏	
evening max el	-3903 Nov 14 j 20:56	13°♏11'33	18°54'55
asc. node	-3903 Nov 20 j 10:32	16°♏55'27	
retrograde	-3903 Nov 21 j 17:19	17°♏04'40	
evening set	-3903 Nov 24 j 19:33	16°♏09'48	
inferior conj	-3903 Nov 30 j 15:22	10°♏22'43	3°01'39

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-3903 Nov 30 j 12:13	10°♏32'27	3°00'41
min. Earth dist.	-3903 Dec 02 j 05:45	8°♏24'33	0.65334 AU
morning rise	-3903 Dec 06 j 03:51	4°♏13'12	
direct	-3903 Dec 12 j 17:17	1°♏24'34	
morning max el	-3903 Dec 25 j 17:04	8°♏58'03	26°44'47
desc. node	-3902 Jan 01 j 21:00	17°♏05'12	
	-3902 Jan 11 j 06:56	0°♐	
	-3902 Jan 29 j 04:39	0°♑	
morning set	-3902 Jan 30 j 13:09	2°♑33'29	
max. Earth dist.	-3902 Feb 03 j 22:43	11°♑09'04	1.34656 AU
superior conj	-3902 Feb 08 j 02:10	19°♑36'06	-1°-17'-15
minimum elong	-3902 Feb 08 j 05:12	19°♑51'49	1°16'58
	-3902 Feb 13 j 01:23	0°♒	
evening rise	-3902 Feb 15 j 15:41	5°♒25'07	
asc. node	-3902 Feb 16 j 09:42	6°♒57'57	
	-3902 Mar 01 j 09:19	0°♓	
evening max el	-3902 Mar 07 j 05:55	6°♓52'16	21°10'45
retrograde	-3902 Mar 18 j 22:36	12°♓27'53	
evening set	-3902 Mar 21 j 09:38	12°♓13'55	
inferior conj	-3902 Mar 30 j 15:01	8°♓15'23	0°03'25
minimum elong	-3902 Mar 30 j 15:10	8°♓15'10	0°03'18
transit middle	-3902 Mar 30 j 15:10	8°♓15'10	0°03'18
transit begin	-3902 Mar 30 j 11:10	8°♓20'50	
transit end	-3902 Mar 30 j 19:11	8°♓09'29	
desc. node	-3902 Mar 30 j 19:56	8°♓08'25	
min. Earth dist.	-3902 Mar 31 j 05:51	7°♓54'23	0.55178 AU
morning rise	-3902 Apr 08 j 20:03	4°♓08'23	
direct	-3902 Apr 11 j 21:49	3°♓47'44	
morning max el	-3902 Apr 24 j 17:32	9°♓57'47	22°22'27
	-3902 May 09 j 03:08	0°♈	
asc. node	-3902 May 15 j 09:19	12°♈09'41	
morning set	-3902 May 16 j 09:15	14°♈13'24	
superior conj	-3902 May 23 j 16:13	29°♈38'39	1°16'32
minimum elong	-3902 May 23 j 13:34	29°♈24'38	1°16'14
	-3902 May 23 j 20:16	0°♉	
max. Earth dist.	-3902 May 26 j 16:30	5°♉56'01	1.34387 AU
evening rise	-3902 May 31 j 15:14	15°♉52'21	
	-3902 Jun 08 j 06:15	0°♊	
desc. node	-3902 Jun 26 j 18:45	28°♊08'43	
	-3902 Jun 28 j 06:20	0°♋	
evening max el	-3902 Jul 05 j 06:49	7°♋44'55	27°09'28
retrograde	-3902 Jul 18 j 15:03	15°♋07'18	
evening set	-3902 Jul 25 j 13:44	12°♋20'39	
min. Earth dist.	-3902 Jul 29 j 08:57	8°♋38'14	0.64942 AU
inferior conj	-3902 Jul 31 j 11:04	6°♋16'47	-3°-12'-48
minimum elong	-3902 Jul 31 j 14:51	6°♋06'04	3°11'38
morning rise	-3902 Aug 06 j 17:20	0°♋41'37	
direct	-3902 Aug 09 j 11:45	0°♋00'29	
asc. node	-3902 Aug 11 j 08:44	0°♋19'16	
morning max el	-3902 Aug 16 j 00:39	3°♋32'47	18°13'25
	-3902 Sep 02 j 14:48	0°♌	
morning set	-3902 Sep 03 j 11:31	1°♌26'14	
superior conj	-3902 Sep 17 j 16:50	24°♌39'14	0°31'49
minimum elong	-3902 Sep 17 j 20:37	24°♌54'21	0°31'26
max. Earth dist.	-3902 Sep 21 j 03:55	0°♍09'23	1.44618 AU
	-3902 Sep 21 j 01:33	0°♍	
desc. node	-3902 Sep 22 j 18:14	2°♍40'45	
evening rise	-3902 Oct 04 j 08:35	20°♍48'51	
	-3902 Oct 10 j 06:48	0°♎	
greatest brilliancy	-3902 Oct 21 j 02:43	16°♎20'20	-0.7m
evening max el	-3902 Oct 29 j 04:20	26°♎38'26	19°43'24
	-3902 Nov 02 j 07:24	0°♏	
retrograde	-3902 Nov 05 j 13:59	0°♏56'47	
asc. node	-3902 Nov 07 j 07:39	0°♏39'18	
	-3902 Nov 08 j 16:50	30°℞♎	
evening set	-3902 Nov 09 j 00:04	29°♎48'29	
inferior conj	-3902 Nov 14 j 14:35	23°♎47'48	2°19'09
minimum elong	-3902 Nov 14 j 11:48	23°♎56'57	2°18'08
min. Earth dist.	-3902 Nov 15 j 15:42	22°♎25'34	0.66345 AU
morning rise	-3902 Nov 19 j 22:50	17°♎33'15	
direct	-3902 Nov 25 j 22:45	14°♎56'30	
morning max el	-3902 Dec 08 j 02:09	22°♎07'11	25°36'45
	-3902 Dec 15 j 00:46	0°♏	
desc. node	-3902 Dec 19 j 18:02	6°♏09'23	
	-3901 Jan 04 j 13:20	0°♐	
morning set	-3901 Jan 13 j 07:23	15°♐11'25	
max. Earth dist.	-3901 Jan 17 j 03:58	22°♐22'01	1.36215 AU
	-3901 Jan 21 j 02:33	0°♑	
superior conj	-3901 Jan 22 j 19:47	3°♑24'51	-1°-36'-26
minimum elong	-3901 Jan 22 j 22:53	3°♑40'20	1°36'18
evening rise	-3901 Jan 30 j 21:09	19°♑47'37	
asc. node	-3901 Feb 03 j 06:45	26°♑34'25	
	-3901 Feb 05 j 01:40	0°♒	
evening max el	-3901 Feb 17 j 15:33	18°♒25'22	19°56'17
retrograde	-3901 Feb 27 j 15:33	23°♒10'04	
evening set	-3901 Mar 01 j 22:55	22°♒56'04	
inferior conj	-3901 Mar 10 j 15:22	18°♒55'07	1°53'04
minimum elong	-3901 Mar 10 j 19:44	18°♒48'23	1°51'37
min. Earth dist.	-3901 Mar 12 j 20:02	17°♒34'34	0.55826 AU
desc. node	-3901 Mar 17 j 17:05	15°♒02'10	
morning rise	-3901 Mar 19 j 13:35	14°♒23'00	
direct	-3901 Mar 23 j 14:59	13°♒46'37	
morning max el	-3901 Apr 06 j 10:32	20°♒39'54	24°01'24
	-3901 Apr 14 j 09:22	0°♓	
morning set	-3901 Apr 30 j 21:19	29°♓15'13	
	-3901 May 01 j 05:50	0°♈	
asc. node	-3901 May 02 j 06:20	2°♈09'35	
superior conj	-3901 May 07 j 23:51	14°♈29'37	0°56'25
minimum elong	-3901 May 07 j 21:37	14°♈17'36	0°56'03
max. Earth dist.	-3901 May 09 j 20:22	18°♈28'20	1.33434 AU
evening rise	-3901 May 15 j 11:17	0°♉09'18	
	-3901 May 15 j 09:26	0°♉	
	-3901 Jun 01 j 07:14	0°♊	
desc. node	-3901 Jun 13 j 15:49	16°♊33'48	
evening max el	-3901 Jun 17 j 17:10	20°♊48'43	27°25'19
retrograde	-3901 Jul 01 j 09:50	28°♊12'08	
evening set	-3901 Jul 08 j 13:31	25°♊34'17	
min. Earth dist.	-3901 Jul 12 j 04:07	22°♊25'11	0.63421 AU
inferior conj	-3901 Jul 14 j 20:10	19°♊42'17	-3°-49'-57
minimum elong	-3901 Jul 14 j 23:41	19°♊33'19	3°49'09
morning rise	-3901 Jul 21 j 11:49	14°♊25'16	
direct	-3901 Jul 24 j 02:15	13°♊52'21	
asc. node	-3901 Jul 29 j 05:50	16°♊00'45	
morning max el	-3901 Jul 30 j 15:33	17°♊16'44	17°57'28
	-3901 Aug 08 j 18:01	0°♋	
morning set	-3901 Aug 16 j 11:19	13°♋18'05	
	-3901 Aug 26 j 04:33	0°♌	
superior conj	-3901 Aug 28 j 16:47	4°♌11'15	1°11'18
minimum elong	-3901 Aug 28 j 22:34	4°♌35'13	1°10'49
max. Earth dist.	-3901 Sep 03 j 19:49	14°♌11'09	1.43722 AU
desc. node	-3901 Sep 09 j 15:12	23°♌24'23	
evening rise	-3901 Sep 13 j 13:49	29°♌32'52	
	-3901 Sep 13 j 20:50	0°♍	
	-3901 Oct 04 j 02:11	0°♎	
greatest brilliancy	-3901 Oct 06 j 09:34	3°♎06'16	-0.5m
evening max el	-3901 Oct 12 j 06:07	10°♎04'31	20°46'04
retrograde	-3901 Oct 20 j 11:11	14°♎55'40	
evening set	-3901 Oct 24 j 07:20	13°♎31'16	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-3901 Oct 25 j 04:48	12°♎47'15		
inferior conj	-3901 Oct 29 j 18:13	7°♎20'17	1°31'04	
minimum elong	-3901 Oct 29 j 16:13	7°♎27'03	1°30'16	
min. Earth dist.	-3901 Oct 30 j 07:34	6°♎34'50	0.67010 AU	
morning rise	-3901 Nov 04 j 00:42	1°♎03'15		
	-3901 Nov 05 j 09:59	30°℞♍		
direct	-3901 Nov 09 j 09:17	28°♍45'12		
	-3901 Nov 13 j 18:14	0°♎		
morning max el	-3901 Nov 20 j 10:52	5°♎21'05	24°14'41	
desc. node	-3901 Dec 06 j 15:02	25°♎47'45		
	-3901 Dec 09 j 12:15	0°♏		
morning set	-3901 Dec 26 j 04:16	26°♏41'39		
	-3901 Dec 28 j 01:41	0°♐		
max. Earth dist.	-3901 Dec 30 j 01:19	3°♐31'53	1.38133 AU	
superior conj	-3900 Jan 06 j 01:50	16°♐34'12	-1°-49'-59	
minimum elong	-3900 Jan 06 j 03:58	16°♐44'26	1°50'03	
	-3900 Jan 12 j 22:44	0°♑		
evening rise	-3900 Jan 14 j 20:22	3°♑45'25		
asc. node	-3900 Jan 21 j 03:49	15°♑47'41		
	-3900 Jan 30 j 21:50	0°♒		
evening max el	-3900 Jan 31 j 11:22	0°♒33'24	19°00'25	
retrograde	-3900 Feb 08 j 23:17	4°♒37'54		
evening set	-3900 Feb 11 j 08:26	4°♒20'02		
inferior conj	-3900 Feb 19 j 08:02	0°♒03'56	3°11'41	
minimum elong	-3900 Feb 19 j 12:41	29°♑55'42	3°10'32	
	-3900 Feb 19 j 10:15	30°℞♑		
min. Earth dist.	-3900 Feb 22 j 11:24	27°♑51'53	0.57246 AU	
morning rise	-3900 Feb 27 j 13:09	25°♑01'40		
direct	-3900 Mar 03 j 20:02	23°♑55'28		
desc. node	-3900 Mar 03 j 14:13	23°♑55'36		
	-3900 Mar 16 j 16:42	0°♒		
morning max el	-3900 Mar 18 j 01:35	1°♒16'09	25°35'52	
	-3900 Apr 07 j 04:26	0°♓		
morning set	-3900 Apr 14 j 09:26	14°♓17'43		
asc. node	-3900 Apr 18 j 03:20	22°♓18'18		
superior conj	-3900 Apr 21 j 10:25	29°♓29'06	0°33'47	
minimum elong	-3900 Apr 21 j 08:59	29°♓21'15	0°33'28	
	-3900 Apr 21 j 16:05	0°♈		
max. Earth dist.	-3900 Apr 22 j 06:41	1°♈19'31	1.32832 AU	
evening rise	-3900 Apr 28 j 14:40	14°♈48'06		
	-3900 May 06 j 10:26	0°♉		
	-3900 May 26 j 18:27	0°♊		
evening max el	-3900 May 29 j 23:42	3°♊19'11	27°09'21	
desc. node	-3900 May 30 j 12:55	3°♊50'19		
retrograde	-3900 Jun 12 j 22:04	10°♊41'18		
evening set	-3900 Jun 19 j 21:34	8°♊26'17		
min. Earth dist.	-3900 Jun 23 j 13:11	5°♊39'33	0.61564 AU	
inferior conj	-3900 Jun 26 j 17:12	2°♊48'45	-4°-14'-13	
minimum elong	-3900 Jun 26 j 19:13	2°♊44'14	4°13'54	
	-3900 Jun 30 j 01:16	30°℞♉		
morning rise	-3900 Jul 03 j 19:38	27°♉52'44		
direct	-3900 Jul 06 j 07:57	27°♉26'03		
	-3900 Jul 12 j 06:32	0°♊		
morning max el	-3900 Jul 13 j 05:27	0°♊52'09	18°00'06	
asc. node	-3900 Jul 15 j 02:53	2°♊55'06		
morning set	-3900 Jul 29 j 06:40	26°♊06'21		
	-3900 Jul 31 j 09:48	0°♋		
superior conj	-3900 Aug 08 j 20:31	15°♋06'22	1°36'22	
minimum elong	-3900 Aug 09 j 00:36	15°♋24'09	1°36'14	
max. Earth dist.	-3900 Aug 16 j 06:28	27°♋41'23	1.42250 AU	
	-3900 Aug 17 j 16:10	0°♌		
evening rise	-3900 Aug 22 j 22:29	8°♌28'31		
desc. node	-3900 Aug 26 j 12:09	14°♌04'11		
	-3900 Sep 06 j 02:03	0°♍		
greatest brilliancy	-3900 Sep 19 j 06:33	18°♍03'16	-0.4m	
evening max el	-3900 Sep 24 j 01:36	23°♍29'41	21°59'46	
retrograde	-3900 Oct 03 j 07:06	28°♍58'52		
evening set	-3900 Oct 07 j 15:24	27°♍16'13		
asc. node	-3900 Oct 11 j 01:55	23°♍35'04		
inferior conj	-3900 Oct 13 j 00:14	20°♍58'30	0°39'29	
minimum elong	-3900 Oct 12 j 23:20	21°♍01'38	0°39'09	
min. Earth dist.	-3900 Oct 13 j 02:59	20°♍49'00	0.67359 AU	
morning rise	-3900 Oct 18 j 07:04	14°♍41'41		
direct	-3900 Oct 23 j 00:23	12°♍45'07		
morning max el	-3900 Nov 01 j 21:26	18°♍38'29	22°48'10	
greatest brilliancy	-3900 Nov 06 j 15:55	24°♍00'13	-0.3m	
	-3900 Nov 11 j 08:23	0°♎		
desc. node	-3900 Nov 22 j 12:00	15°♎50'29		
	-3900 Dec 01 j 16:27	0°♏		
morning set	-3900 Dec 05 j 22:01	6°♏50'41		
max. Earth dist.	-3900 Dec 10 j 21:50	15°♏12'31	1.40201 AU	
superior conj	-3900 Dec 18 j 15:41	28°♏52'10	-1°-54'-55	
minimum elong	-3900 Dec 18 j 15:28	28°♏51'11	1°55'05	
	-3900 Dec 19 j 06:33	0°♐		
evening rise	-3900 Dec 28 j 10:29	17°♐11'33		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3900 Jan 06 j 01:50	16°♐34'12	-1°-49'-59
minimum elong	-3900 Jan 06 j 03:58	16°♐44'26	1°50'03
	-3900 Jan 12 j 22:44	0°♑	
evening rise	-3900 Jan 14 j 20:22	3°♑45'25	
asc. node	-3900 Jan 21 j 03:49	15°♑47'41	
	-3900 Jan 30 j 21:50	0°♒	
evening max el	-3900 Jan 31 j 11:22	0°♒33'24	19°00'25
retrograde	-3900 Feb 08 j 23:17	4°♒37'54	
evening set	-3900 Feb 11 j 08:26	4°♒20'02	
inferior conj	-3900 Feb 19 j 08:02	0°♒03'56	3°11'41
minimum elong	-3900 Feb 19 j 12:41	29°♑55'42	3°10'32
	-3900 Feb 19 j 10:15	30°℞♑	
min. Earth dist.	-3900 Feb 22 j 11:24	27°♑51'53	0.57246 AU
morning rise	-3900 Feb 27 j 13:09	25°♑01'40	
direct	-3900 Mar 03 j 20:02	23°♑55'28	
desc. node	-3900 Mar 03 j 14:13	23°♑55'36	
	-3900 Mar 16 j 16:42	0°♒	
morning max el	-3900 Mar 18 j 01:35	1°♒16'09	25°35'52
	-3900 Apr 07 j 04:26	0°♓	
morning set	-3900 Apr 14 j 09:26	14°♓17'43	
asc. node	-3900 Apr 18 j 03:20	22°♓18'18	
superior conj	-3900 Apr 21 j 10:25	29°♓29'06	0°33'47
minimum elong	-3900 Apr 21 j 08:59	29°♓21'15	0°33'28
	-3900 Apr 21 j 16:05	0°♈	
max. Earth dist.	-3900 Apr 22 j 06:41	1°♈19'31	1.32832 AU
evening rise	-3900 Apr 28 j 14:40	14°♈48'06	
	-3900 May 06 j 10:26	0°♉	
	-3900 May 26 j 18:27	0°♊	
evening max el	-3900 May 29 j 23:42	3°♊19'11	27°09'21
desc. node	-3900 May 30 j 12:55	3°♊50'19	
retrograde	-3900 Jun 12 j 22:04	10°♊41'18	
evening set	-3900 Jun 19 j 21:34	8°♊26'17	
min. Earth dist.	-3900 Jun 23 j 13:11	5°♊39'33	0.61564 AU
inferior conj	-3900 Jun 26 j 17:12	2°♊48'45	-4°-14'-13
minimum elong	-3900 Jun 26 j 19:13	2°♊44'14	4°13'54
	-3900 Jun 30 j 01:16	30°℞♉	
morning rise	-3900 Jul 03 j 19:38	27°♉52'44	
direct	-3900 Jul 06 j 07:57	27°♉26'03	
	-3900 Jul 12 j 06:32	0°♊	
morning max el	-3900 Jul 13 j 05:27	0°♊52'09	18°00'06
asc. node	-3900 Jul 15 j 02:53	2°♊55'06	
morning set	-3900 Jul 29 j 06:40	26°♊06'21	
	-3900 Jul 31 j 09:48	0°♋	
superior conj	-3900 Aug 08 j 20:31	15°♋06'22	1°36'22
minimum elong	-3900 Aug 09 j 00:36	15°♋24'09	1°36'14
max. Earth dist.	-3900 Aug 16 j 06:28	27°♋41'23	1.42250 AU
	-3900 Aug 17 j 16:10	0°♌	
evening rise	-3900 Aug 22 j 22:29	8°♌28'31	
desc. node	-3900 Aug 26 j 12:09	14°♌04'11	
	-3900 Sep 06 j 02:03	0°♍	
greatest brilliancy	-3900 Sep 19 j 06:33	18°♍03'16	-0.4m
evening max el	-3900 Sep 24 j 01:36	23°♍29'41	21°59'46
retrograde	-3900 Oct 03 j 07:06	28°♍58'52	
evening set	-3900 Oct 07 j 15:24	27°♍16'13	
asc. node	-3900 Oct 11 j 01:55	23°♍35'04	
inferior conj	-3900 Oct 13 j 00:14	20°♍58'30	0°39'29
minimum elong	-3900 Oct 12 j 23:20	21°♍01'38	0°39'09
min. Earth dist.	-3900 Oct 13 j 02:59	20°♍49'00	0.67359 AU
morning rise	-3900 Oct 18 j 07:04	14°♍41'41	
direct	-3900 Oct 23 j 00:23	12°♍45'07	
morning max el	-3900 Nov 01 j 21:26	18°♍38'29	22°48'10
greatest brilliancy	-3900 Nov 06 j 15:55	24°♍00'13	-0.3m
	-3900 Nov 11 j 08:23	0°♎	
desc. node	-3900 Nov 22 j 12:00	15°♎50'29	
	-3900 Dec 01 j 16:27	0°♏	
morning set	-3900 Dec 05 j 22:01	6°♏50'41	
max. Earth dist.	-3900 Dec 10 j 21:50	15°♏12'31	1.40201 AU
superior conj	-3900 Dec 18 j 15:41	28°♏52'10	-1°-54'-55
minimum elong	-3900 Dec 18 j 15:28	28°♏51'11	1°55'05
	-3900 Dec 19 j 06:33	0°♐	
evening rise	-3900 Dec 28 j 10:29	17°♐11'33	
	-3899 Jan 04 j 08:39	0°♑	
asc. node	-3899 Jan 07 j 00:53	4°♑30'05	
evening max el	-3899 Jan 13 j 15:33	13°♑11'47	18°24'38
retrograde	-3899 Jan 21 j 01:28	16°♑51'02	
evening set	-3899 Jan 23 j 13:24	16°♑27'22	
inferior conj	-3899 Jan 30 j 21:12	11°♑50'46	3°52'45
minimum elong	-3899 Jan 30 j 23:26	11°♑46'08	3°52'23
min. Earth dist.	-3899 Feb 03 j 06:25	9°♑05'08	0.59132 AU
morning rise	-3899 Feb 07 j 06:05	6°♑23'56	
direct	-3899 Feb 13 j 14:08	4°♑38'50	
desc. node	-3899 Feb 18 j 11:20	5°♑38'27	
morning max el	-3899 Feb 27 j 20:19	12°♑14'14	26°50'30
	-3899 Mar 13 j 19:06	0°♒	
morning set	-3899 Mar 29 j 19:54	29°♒14'30	
	-3899 Mar 30 j 04:36	0°♓	
asc. node	-3899 Apr 05 j 00:20	12°♓31'23	
superior conj	-3899 Apr 05 j 22:09	14°♓30'49	0°09'31
minimum elong	-3899 Apr 05 j 21:44	14°♓28'31	0°09'21
behind sun begin	-3899 Apr 05 j 17:41	14°♓06'21	
behind sun end	-3899 Apr 06 j 01:47	14°♓50'42	
max. Earth dist.	-3899 Apr 05 j 19:54	14°♓18'29	1.32572 AU
evening rise	-3899 Apr 12 j 22:50	29°♓40'03	
	-3899 Apr 13 j 02:39	0°♈	
	-3899 Apr 29 j 18:25	0°♉	
evening max el	-3899 May 12 j 00:26	15°♉08'19	26°21'00
desc. node	-3899 May 17 j 10:02	19°♉29'58	
retrograde	-3899 May 26 j 02:27	22°♉26'52	
evening set	-3899 Jun 01 j 09:48	20°♉46'53	
min. Earth dist.	-3899 Jun 05 j 13:26	18°♉05'54	0.59524 AU
inferior conj	-3899 Jun 08 j 22:34	15°♉27'17	-4°-18'-12
minimum elong	-3899 Jun 08 j 21:38	15°♉29'08	4°18'05
morning rise	-3899 Jun 16 j 13:08	10°♉53'23	
direct	-3899 Jun 19 j 00:30	10°♉31'34	
morning max el	-3899 Jun 26 j 15:27	14°♉10'54	18°22'11
asc. node	-3899 Jul 01 j 23:55	20°♉46'51	
	-3899 Jul 07 j 12:44	0°♊	
morning set	-3899 Jul 12 j 16:26	9°♊37'54	
superior conj	-3899 Jul 22 j 00:50	27°♊15'29	1°47'45
minimum elong	-3899 Jul 22 j 02:12	27°♊21'45	1°47'52
	-3899 Jul 23 j 12:55	0°♋	
max. Earth dist.	-3899 Jul 29 j 11:07	10°♋28'18	1.40412 AU
evening rise	-3899 Aug 03 j 03:48	18°♋23'32	
	-3899 Aug 10 j 09:23	0°♌	
desc. node	-3899 Aug 13 j 09:07	4°♌36'11	
	-3899 Aug 31 j 12:53	0°♍	
evening max el	-3899 Sep 06 j 15:47	6°♍55'24	23°19'44
retrograde	-3899 Sep 17 j 00:14	13°♍03'08	
evening set	-3899 Sep 21 j 22:29	11°♍00'59	
inferior conj	-3899 Sep 27 j 06:51	4°♍40'14	0°-13'-50
minimum elong	-3899 Sep 27 j 07:10	4°♍39'08	0°13'37
transit middle	-3899 Sep 27 j 07:10	4°♍39'08	0°13'37
transit begin	-3899 Sep 27 j 05:41	4°♍44'17	
transit end	-3899 Sep 27 j 08:40	4°♍34'00	
min. Earth dist.	-3899 Sep 26 j 23:26	5°♍05'44	0.67416 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3899 Sep 27 j 23:02	3°♍44'53	
	-3899 Sep 30 j 23:30	30°℞♌	
morning rise	-3899 Oct 02 j 15:54	28°♌26'42	
direct	-3899 Oct 06 j 19:14	26°♌51'20	
	-3899 Oct 13 j 09:19	0°♍	
morning max el	-3899 Oct 15 j 12:47	2°♍01'07	21°25'27
greatest brilliancy	-3899 Oct 20 j 18:37	8°♍04'48	-0.4m
	-3899 Nov 05 j 07:16	0°♎	
desc. node	-3899 Nov 09 j 08:55	6°♎09'55	
morning set	-3899 Nov 15 j 11:42	15°♎39'53	
max. Earth dist.	-3899 Nov 22 j 23:32	27°♎43'18	1.42143 AU
	-3899 Nov 24 j 08:39	0°♏	
superior conj	-3899 Nov 30 j 07:37	10°♏04'03	-1°-47'-36
minimum elong	-3899 Nov 30 j 03:47	9°♏47'32	1°47'29
evening rise	-3899 Dec 11 j 11:53	29°♏57'09	
	-3899 Dec 11 j 12:31	0°♐	
asc. node	-3899 Dec 24 j 21:57	22°♐31'12	
evening max el	-3899 Dec 28 j 01:16	26°♐11'41	18°08'53
retrograde	-3898 Jan 03 j 19:57	29°♐40'05	
evening set	-3898 Jan 06 j 10:43	29°♐09'24	
inferior conj	-3898 Jan 13 j 05:17	24°♐10'54	4°02'41
minimum elong	-3898 Jan 13 j 04:50	24°♐12'00	4°02'31
min. Earth dist.	-3898 Jan 16 j 07:48	21°♐15'42	0.61147 AU
morning rise	-3898 Jan 19 j 20:24	18°♐27'05	
direct	-3898 Jan 26 j 18:53	16°♐06'34	
desc. node	-3898 Feb 05 j 08:24	19°♐54'36	
morning max el	-3898 Feb 09 j 20:58	23°♐48'54	27°33'55
	-3898 Feb 15 j 11:39	0°♑	
	-3898 Mar 06 j 23:05	0°♒	
morning set	-3898 Mar 14 j 02:48	13°♒58'25	
max. Earth dist.	-3898 Mar 20 j 08:17	27°♒11'56	1.32652 AU
superior conj	-3898 Mar 21 j 09:23	29°♒28'35	0°-15'-35
minimum elong	-3898 Mar 21 j 10:06	29°♒32'26	0°15'33
behind sun begin	-3898 Mar 21 j 09:12	29°♒27'33	
behind sun end	-3898 Mar 21 j 10:59	29°♒37'18	
	-3898 Mar 21 j 15:09	0°♓	
asc. node	-3898 Mar 22 j 21:19	2°♓44'40	
evening rise	-3898 Mar 28 j 09:39	14°♓37'32	
	-3898 Apr 05 j 04:14	0°♈	
evening max el	-3898 Apr 23 j 19:17	26°♈18'13	25°05'29
	-3898 Apr 28 j 06:24	0°♉	
desc. node	-3898 May 04 j 07:08	2°♉57'15	
retrograde	-3898 May 07 j 20:27	3°♉26'45	
evening set	-3898 May 13 j 00:18	2°♉25'15	
	-3898 May 17 j 15:09	30°℞♈	
min. Earth dist.	-3898 May 18 j 07:37	29°♈33'28	0.57566 AU
inferior conj	-3898 May 21 j 09:00	27°♈29'08	-3°-52'-1
minimum elong	-3898 May 21 j 04:32	27°♈36'46	3°51'16
morning rise	-3898 May 29 j 12:53	23°♈15'41	
direct	-3898 Jun 01 j 00:05	22°♈57'38	
morning max el	-3898 Jun 09 j 18:36	27°♈03'45	19°04'31
	-3898 Jun 12 j 12:18	0°♉	
asc. node	-3898 Jun 18 j 20:55	9°♉23'02	
morning set	-3898 Jun 26 j 12:39	23°♉42'57	
	-3898 Jun 29 j 16:51	0°♊	
superior conj	-3898 Jul 05 j 00:04	10°♊22'55	1°48'11
minimum elong	-3898 Jul 04 j 23:13	10°♊18'49	1°48'19
max. Earth dist.	-3898 Jul 11 j 12:54	22°♊36'16	1.38462 AU
evening rise	-3898 Jul 15 j 11:28	29°♊35'55	
	-3898 Jul 15 j 17:01	0°♋	
desc. node	-3898 Jul 31 j 06:07	24°♋56'06	
	-3898 Aug 03 j 17:50	0°♌	
evening max el	-3898 Aug 20 j 03:10	20°♌25'00	24°39'30
retrograde	-3898 Aug 31 j 13:34	27°♌05'51	
evening set	-3898 Sep 06 j 02:52	24°♌44'42	
min. Earth dist.	-3898 Sep 10 j 18:28	19°♌24'23	0.67173 AU
inferior conj	-3898 Sep 11 j 12:23	18°♌24'33	-1°-7'-14
minimum elong	-3898 Sep 11 j 13:58	18°♌19'17	1°06'29
asc. node	-3898 Sep 14 j 20:06	14°♌16'58	
morning rise	-3898 Sep 17 j 01:22	12°♌17'34	
direct	-3898 Sep 20 j 16:37	11°♌01'23	
morning max el	-3898 Sep 28 j 11:11	15°♌32'39	20°12'44
greatest brilliancy	-3898 Oct 05 j 10:26	24°♌04'00	-0.6m
	-3898 Oct 09 j 15:14	0°♍	
morning set	-3898 Oct 25 j 10:05	23°♍51'36	
desc. node	-3898 Oct 27 j 05:51	26°♍41'31	
	-3898 Oct 29 j 08:43	0°♎	
max. Earth dist.	-3898 Nov 05 j 09:01	11°♎05'54	1.43686 AU
superior conj	-3898 Nov 10 j 20:53	20°♎00'01	-1°-24'-24
minimum elong	-3898 Nov 10 j 14:03	19°♎32'02	1°23'47
	-3898 Nov 16 j 21:14	0°♏	
evening rise	-3898 Nov 23 j 20:25	11°♏54'41	
	-3898 Dec 04 j 12:51	0°♐	
evening max el	-3898 Dec 11 j 13:40	9°♐25'52	18°12'25
asc. node	-3898 Dec 11 j 19:01	9°♐39'13	
retrograde	-3898 Dec 18 j 02:43	12°♐55'54	
evening set	-3898 Dec 20 j 20:51	12°♐17'04	
inferior conj	-3898 Dec 27 j 04:47	6°♐57'31	3°50'15
minimum elong	-3898 Dec 27 j 02:30	7°♐03'37	3°49'49
min. Earth dist.	-3898 Dec 29 j 18:07	4°♐14'22	0.63018 AU
morning rise	-3897 Jan 02 j 06:24	1°♐01'30	
	-3897 Jan 03 j 18:00	30°℞♏	
direct	-3897 Jan 09 j 07:51	28°♏18'31	
	-3897 Jan 15 j 08:19	0°♐	
morning max el	-3897 Jan 23 j 03:01	6°♐02'38	27°41'13
desc. node	-3897 Jan 23 j 05:27	6°♐08'38	
	-3897 Feb 10 j 09:13	0°♑	
morning set	-3897 Feb 26 j 03:54	28°♑21'18	
	-3897 Feb 26 j 23:27	0°♒	
max. Earth dist.	-3897 Mar 03 j 16:06	9°♒46'27	1.33101 AU
superior conj	-3897 Mar 05 j 18:26	14°♒15'58	0°-40'-37
minimum elong	-3897 Mar 05 j 20:14	14°♒25'40	0°40'23
asc. node	-3897 Mar 09 j 18:19	22°♒53'42	
evening rise	-3897 Mar 12 j 21:18	29°♒33'31	
	-3897 Mar 13 j 02:20	0°♓	
	-3897 Mar 30 j 06:36	0°♈	
evening max el	-3897 Apr 05 j 11:14	7°♈03'32	23°33'57
retrograde	-3897 Apr 19 j 01:42	13°♈48'59	
desc. node	-3897 Apr 21 j 04:16	13°♈39'06	
evening set	-3897 Apr 22 j 21:35	13°♈16'49	
min. Earth dist.	-3897 Apr 29 j 22:25	10°♈01'57	0.56029 AU
inferior conj	-3897 May 01 j 23:26	8°♈48'34	-2°-46'-37
minimum elong	-3897 May 01 j 17:30	8°♈57'30	2°45'01
morning rise	-3897 May 10 j 16:51	4°♈49'21	
direct	-3897 May 13 j 05:04	4°♈33'34	
morning max el	-3897 May 23 j 12:17	9°♈20'47	20°07'16
asc. node	-3897 Jun 05 j 17:55	28°♈32'27	
	-3897 Jun 06 j 12:25	0°♉	
morning set	-3897 Jun 10 j 16:08	8°♉12'26	
superior conj	-3897 Jun 18 j 12:56	24°♉13'08	1°40'24
minimum elong	-3897 Jun 18 j 10:46	24°♉02'13	1°40'22
	-3897 Jun 21 j 10:53	0°♊	
max. Earth dist.	-3897 Jun 23 j 17:31	4°♊24'23	1.36637 AU
evening rise	-3897 Jun 27 j 18:29	11°♊57'47	
	-3897 Jul 08 j 06:30	0°♋	
desc. node	-3897 Jul 18 j 03:10	14°♋57'01	
	-3897 Jul 29 j 20:14	0°♌	
evening max el	-3897 Aug 02 j 14:01	3°♌56'51	25°51'24

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3897 Aug 14 j 22:20	11°♌01'40	
evening set	-3897 Aug 21 j 02:37	8°♌24'34	
min. Earth dist.	-3897 Aug 25 j 09:35	3°♌42'00	0.66598 AU
inferior conj	-3897 Aug 26 j 15:02	2°♌08'22	-1°-59'-6
minimum elong	-3897 Aug 26 j 17:46	1°♌59'43	1°57'58
	-3897 Aug 28 j 08:23	30°℞♋	
morning rise	-3897 Sep 01 j 09:33	26°♋11'21	
asc. node	-3897 Sep 01 j 17:11	26°♋00'08	
direct	-3897 Sep 04 j 14:53	25°♋11'22	
morning max el	-3897 Sep 11 j 16:43	29°♋12'40	19°13'48
	-3897 Sep 12 j 10:41	0°♌	
	-3897 Oct 03 j 01:20	0°♍	
morning set	-3897 Oct 04 j 16:36	2°♍33'49	
desc. node	-3897 Oct 14 j 02:50	17°♍21'03	
max. Earth dist.	-3897 Oct 19 j 00:47	25°♍05'37	1.44614 AU
superior conj	-3897 Oct 21 j 08:21	28°♍45'34	0°-44'-50
minimum elong	-3897 Oct 21 j 02:54	28°♍23'55	0°44'11
	-3897 Oct 22 j 03:06	0°♎	
evening rise	-3897 Nov 05 j 07:29	22°♎55'34	
	-3897 Nov 09 j 14:34	0°♏	
evening max el	-3897 Nov 25 j 02:01	22°♏48'28	18°34'22
asc. node	-3897 Nov 28 j 16:05	25°♏39'59	
retrograde	-3897 Dec 01 j 17:36	26°♏30'37	
evening set	-3897 Dec 04 j 16:23	25°♏42'07	
inferior conj	-3897 Dec 10 j 16:01	20°♏03'59	3°22'33
minimum elong	-3897 Dec 10 j 12:56	20°♏13'04	3°21'44
min. Earth dist.	-3897 Dec 12 j 14:30	17°♏47'15	0.64587 AU
morning rise	-3897 Dec 16 j 08:16	13°♏58'37	
direct	-3897 Dec 23 j 03:42	11°♏08'26	
morning max el	-3896 Jan 05 j 12:17	18°♏48'26	27°13'59
desc. node	-3896 Jan 10 j 02:31	23°♏47'42	
	-3896 Jan 15 j 01:38	0°♐	
	-3896 Feb 03 j 07:09	0°♑	
morning set	-3896 Feb 09 j 20:18	12°♑13'47	
max. Earth dist.	-3896 Feb 14 j 15:33	21°♑50'44	1.33961 AU
superior conj	-3896 Feb 17 j 23:25	28°♑46'41	-1°-4'-31
minimum elong	-3896 Feb 18 j 02:07	29°♑00'55	1°04'12
	-3896 Feb 18 j 13:19	0°♒	
asc. node	-3896 Feb 24 j 15:21	12°♒54'16	
evening rise	-3896 Feb 25 j 08:03	14°♒21'40	
	-3896 Mar 04 j 08:12	0°♓	
evening max el	-3896 Mar 17 j 06:09	17°♓50'27	22°00'30
retrograde	-3896 Mar 29 j 19:30	23°♓55'51	
evening set	-3896 Apr 01 j 14:32	23°♓38'31	
desc. node	-3896 Apr 07 j 01:23	21°♓39'01	
inferior conj	-3896 Apr 10 j 22:34	19°♓32'52	-1°-4'-12
minimum elong	-3896 Apr 10 j 19:37	19°♓37'01	1°03'14
min. Earth dist.	-3896 Apr 10 j 12:15	19°♓47'24	0.55224 AU
morning rise	-3896 Apr 20 j 02:00	15°♓34'25	
direct	-3896 Apr 22 j 19:42	15°♓17'38	
morning max el	-3896 May 04 j 19:11	20°♓56'37	21°28'53
	-3896 May 12 j 07:51	0°♈	
asc. node	-3896 May 22 j 14:58	18°♈06'51	
morning set	-3896 May 25 j 00:29	22°♈59'28	
	-3896 May 28 j 09:07	0°♉	
superior conj	-3896 Jun 01 j 11:25	8°♉34'25	1°26'34
minimum elong	-3896 Jun 01 j 08:44	8°♉20'33	1°26'21
max. Earth dist.	-3896 Jun 05 j 06:04	16°♉18'12	1.35104 AU
evening rise	-3896 Jun 09 j 19:34	25°♉15'14	
	-3896 Jun 12 j 08:13	0°♊	
	-3896 Jun 30 j 17:36	0°♋	
desc. node	-3896 Jul 04 j 00:12	4°♋30'36	
evening max el	-3896 Jul 15 j 01:14	17°♋25'22	26°47'19
retrograde	-3896 Jul 28 j 02:11	24°♋44'13	
evening set	-3896 Aug 03 j 19:26	21°♋57'52	
min. Earth dist.	-3896 Aug 07 j 18:28	17°♋54'09	0.65661 AU
inferior conj	-3896 Aug 09 j 12:48	15°♋48'39	-2°-47'-30
minimum elong	-3896 Aug 09 j 16:22	15°♋38'06	2°46'14
morning rise	-3896 Aug 15 j 14:24	10°♋04'50	
direct	-3896 Aug 18 j 12:06	9°♋17'49	
asc. node	-3896 Aug 18 j 14:17	9°♋17'51	
morning max el	-3896 Aug 25 j 03:50	12°♋58'10	18°30'36
	-3896 Sep 06 j 06:37	0°♌	
morning set	-3896 Sep 13 j 23:30	12°♌28'33	
	-3896 Sep 24 j 21:17	0°♍	
superior conj	-3896 Sep 29 j 07:48	7°♍01'38	0°04'15
minimum elong	-3896 Sep 29 j 08:22	7°♍03'52	0°04'14
behind sun begin	-3896 Sep 28 j 21:22	6°♍20'24	
behind sun end	-3896 Sep 29 j 19:23	7°♍47'17	
desc. node	-3896 Sep 29 j 23:46	8°♍04'38	
max. Earth dist.	-3896 Sep 30 j 18:56	9°♍20'11	1.44825 AU
	-3896 Oct 13 j 22:00	0°♎	
evening rise	-3896 Oct 15 j 17:46	2°♎52'40	
greatest brilliancy	-3896 Oct 27 j 07:28	21°♎01'59	-0.7m
	-3896 Nov 02 j 09:46	0°♏	
evening max el	-3896 Nov 07 j 11:45	6°♏14'22	19°13'37
retrograde	-3896 Nov 14 j 13:05	10°♏17'38	
asc. node	-3896 Nov 14 j 13:12	10°♏17'38	
evening set	-3896 Nov 17 j 18:21	9°♏17'22	
inferior conj	-3896 Nov 23 j 11:40	3°♏23'48	2°44'27
minimum elong	-3896 Nov 23 j 08:36	3°♏33'33	2°43'25
min. Earth dist.	-3896 Nov 24 j 20:09	1°♏40'46	0.65802 AU
	-3896 Nov 26 j 05:11	30°℞♎	
morning rise	-3896 Nov 28 j 21:59	27°♎11'40	
direct	-3896 Dec 05 j 05:52	24°♎27'11	
	-3896 Dec 15 j 22:38	0°♏	
morning max el	-3896 Dec 17 j 22:03	1°♏53'01	26°18'16
desc. node	-3896 Dec 26 j 23:33	12°♏26'09	
	-3895 Jan 08 j 04:39	0°♐	
morning set	-3895 Jan 23 j 00:02	25°♐23'02	
	-3895 Jan 25 j 10:27	0°♑	
max. Earth dist.	-3895 Jan 27 j 03:30	3°♑19'10	1.35264 AU
superior conj	-3895 Jan 31 j 21:57	12°♑52'38	-1°-25'-56
minimum elong	-3895 Feb 01 j 01:07	13°♑08'46	1°25'42
evening rise	-3895 Feb 08 j 15:59	28°♑54'54	
	-3895 Feb 09 j 04:42	0°♒	
asc. node	-3895 Feb 10 j 12:23	2°♒40'51	
evening max el	-3895 Feb 27 j 09:32	29°♒02'25	20°36'58
	-3895 Feb 28 j 10:58	0°♓	
retrograde	-3895 Mar 10 j 09:25	4°♓16'25	
evening set	-3895 Mar 12 j 17:29	4°♓03'12	
inferior conj	-3895 Mar 21 j 18:16	0°♓05'21	0°52'29
minimum elong	-3895 Mar 21 j 20:36	0°♓01'58	0°51'36
	-3895 Mar 21 j 21:57	30°℞♒	
min. Earth dist.	-3895 Mar 23 j 02:25	29°♒18'40	0.55338 AU
desc. node	-3895 Mar 24 j 22:32	28°♒16'42	
morning rise	-3895 Mar 30 j 21:56	25°♒48'57	
direct	-3895 Apr 03 j 08:03	25°♒23'28	
	-3895 Apr 14 j 12:14	0°♓	
morning max el	-3895 Apr 16 j 16:15	1°♓54'00	23°04'16
	-3895 May 05 j 13:46	0°♈	
morning set	-3895 May 09 j 11:40	7°♈57'12	
asc. node	-3895 May 09 j 12:00	7°♈58'53	
superior conj	-3895 May 16 j 16:23	23°♈16'43	1°08'23
minimum elong	-3895 May 16 j 13:51	23°♈03'15	1°08'03
max. Earth dist.	-3895 May 19 j 04:21	28°♈33'43	1.33930 AU
	-3895 May 19 j 20:52	0°♉	
evening rise	-3895 May 24 j 09:49	9°♉13'45	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3895 Jun 04 j 18:44	0°♊		
desc. node	-3895 Jun 20 j 21:16	23°♊25'24		
	-3895 Jun 26 j 19:20	0°♋		
evening max el	-3895 Jun 27 j 12:18	0°♋41'29	27°19'49	
retrograde	-3895 Jul 11 j 00:46	8°♋05'45		
evening set	-3895 Jul 18 j 02:30	5°♋20'52		
min. Earth dist.	-3895 Jul 21 j 19:08	1°♋53'45	0.64339 AU	
	-3895 Jul 23 j 13:15	30°℞♊		
inferior conj	-3895 Jul 24 j 03:21	29°♊21'32	-3°-29'-49	
minimum elong	-3895 Jul 24 j 07:09	29°♊11'13	3°28'46	
morning rise	-3895 Jul 30 j 13:29	23°♊53'58		
direct	-3895 Aug 02 j 05:50	23°♊16'47		
asc. node	-3895 Aug 05 j 11:24	24°♊10'29		
morning max el	-3895 Aug 08 j 18:10	26°♊44'48	18°04'24	
	-3895 Aug 11 j 13:49	0°♋		
morning set	-3895 Aug 26 j 09:35	23°♋41'24		
	-3895 Aug 30 j 03:06	0°♌		
superior conj	-3895 Sep 08 j 18:04	15°♌53'23	0°50'11	
minimum elong	-3895 Sep 08 j 23:18	16°♌14'33	0°49'40	
max. Earth dist.	-3895 Sep 13 j 12:03	23°♌30'24	1.44314 AU	
desc. node	-3895 Sep 16 j 20:43	28°♌49'28		
	-3895 Sep 17 j 14:39	0°♍		
evening rise	-3895 Sep 25 j 06:02	11°♍54'12		
	-3895 Oct 07 j 02:30	0°♎		
greatest brilliancy	-3895 Oct 14 j 17:53	11°♎05'23	-0.6m	
evening max el	-3895 Oct 21 j 16:53	19°♎41'18	20°08'27	
retrograde	-3895 Oct 29 j 10:18	24°♎13'13		
asc. node	-3895 Nov 01 j 10:20	23°♎20'56		
evening set	-3895 Nov 02 j 00:17	22°♎58'34		
inferior conj	-3895 Nov 07 j 13:04	16°♎53'05	1°59'18	
minimum elong	-3895 Nov 07 j 10:35	17°♎01'25	1°58'21	
min. Earth dist.	-3895 Nov 08 j 09:05	15°♎46'18	0.66667 AU	
morning rise	-3895 Nov 12 j 20:16	10°♎36'52		
direct	-3895 Nov 18 j 13:42	8°♎07'21		
morning max el	-3895 Nov 30 j 06:53	15°♎05'20	25°02'52	
	-3895 Dec 12 j 13:42	0°♏		
desc. node	-3895 Dec 13 j 20:34	1°♏46'37		
	-3894 Jan 01 j 01:39	0°♐		
morning set	-3894 Jan 05 j 09:56	7°♐34'24		
max. Earth dist.	-3894 Jan 09 j 04:18	14°♐25'08	1.36995 AU	
superior conj	-3894 Jan 15 j 11:06	26°♐25'46	-1°-43'-2	
minimum elong	-3894 Jan 15 j 13:56	26°♐39'42	1°43'00	
	-3894 Jan 17 j 06:25	0°♑		
evening rise	-3894 Jan 23 j 19:04	13°♑07'20		
asc. node	-3894 Jan 28 j 09:25	22°♑08'04		
	-3894 Feb 01 j 19:13	0°♒		
evening max el	-3894 Feb 09 j 23:39	10°♒50'34	19°30'06	
retrograde	-3894 Feb 19 j 07:22	15°♒16'13		
evening set	-3894 Feb 21 j 15:03	15°♒01'00		
inferior conj	-3894 Mar 02 j 00:30	10°♒55'05	2°31'02	
minimum elong	-3894 Mar 02 j 05:28	10°♒47'00	2°29'34	
min. Earth dist.	-3894 Mar 04 j 17:12	9°♒10'40	0.56350 AU	
morning rise	-3894 Mar 10 j 16:14	6°♒09'33		
desc. node	-3894 Mar 11 j 19:41	5°♒48'59		
direct	-3894 Mar 15 j 06:09	5°♒21'55		
morning max el	-3894 Mar 29 j 07:35	12°♒29'43	24°43'04	
	-3894 Apr 11 j 18:29	0°♓		
morning set	-3894 Apr 23 j 23:53	22°♓59'21		
asc. node	-3894 Apr 26 j 08:59	28°♓02'46		
	-3894 Apr 27 j 06:45	0°♈		
superior conj	-3894 May 01 j 01:27	8°♈11'47	0°47'05	
minimum elong	-3894 Apr 30 j 23:31	8°♈01'19	0°46'43	
max. Earth dist.	-3894 May 02 j 11:05	11°♈13'35	1.33129 AU	
evening rise	-3894 May 08 j 09:18	23°♈40'53		

	-3894 May 11 j 13:30	0°♉		
	-3894 May 29 j 12:07	0°♊		
desc. node	-3894 Jun 07 j 18:22	11°♊24'26		
evening max el	-3894 Jun 09 j 21:22	13°♊32'39	27°22'44	
retrograde	-3894 Jun 23 j 17:10	20°♊56'16		
evening set	-3894 Jun 30 j 20:07	18°♊26'34		
min. Earth dist.	-3894 Jul 04 j 10:11	15°♊28'29	0.62655 AU	
inferior conj	-3894 Jul 07 j 07:45	12°♊40'06	-4°-2'-16	
minimum elong	-3894 Jul 07 j 10:47	12°♊32'41	4°01'41	
morning rise	-3894 Jul 14 j 03:48	7°♊31'36		
direct	-3894 Jul 16 j 17:00	7°♊01'39		
asc. node	-3894 Jul 23 j 08:29	10°♊24'48		
morning max el	-3894 Jul 23 j 08:58	10°♊25'58	17°56'14	
	-3894 Aug 05 j 09:32	0°♋		
morning set	-3894 Aug 08 j 18:25	5°♋59'20		
superior conj	-3894 Aug 20 j 05:47	26°♋00'44	1°23'44	
minimum elong	-3894 Aug 20 j 11:08	26°♋23'22	1°23'22	
	-3894 Aug 22 j 14:46	0°♌		
max. Earth dist.	-3894 Aug 27 j 01:38	7°♌19'44	1.43157 AU	
desc. node	-3894 Sep 03 j 17:39	19°♌32'09		
evening rise	-3894 Sep 04 j 10:10	20°♌36'36		
	-3894 Sep 10 j 12:48	0°♍		
greatest brilliancy	-3894 Sep 29 j 09:47	27°♍00'33	-0.4m	
	-3894 Oct 01 j 20:14	0°♎		
evening max el	-3894 Oct 04 j 16:03	3°♎07'25	21°16'19	
retrograde	-3894 Oct 13 j 07:04	8°♎14'07		
evening set	-3894 Oct 17 j 08:05	6°♎42'24		
asc. node	-3894 Oct 19 j 07:27	4°♎51'26		
inferior conj	-3894 Oct 22 j 17:57	0°♎28'20	1°09'31	
minimum elong	-3894 Oct 22 j 16:23	0°♎33'41	1°08'53	
min. Earth dist.	-3894 Oct 23 j 02:46	29°♍58'02	0.67204 AU	
	-3894 Oct 23 j 02:12	30°℞♍		
morning rise	-3894 Oct 28 j 00:20	24°♍10'59		
direct	-3894 Nov 02 j 02:27	22°♍01'39		
morning max el	-3894 Nov 12 j 15:48	28°♍19'53	23°37'42	
	-3894 Nov 14 j 05:57	0°♎		
desc. node	-3894 Nov 30 j 17:31	21°♎36'24		
	-3894 Dec 06 j 07:59	0°♏		
morning set	-3894 Dec 17 j 19:47	18°♏31'01		
max. Earth dist.	-3894 Dec 21 j 23:53	25°♏42'28	1.39014 AU	
	-3894 Dec 24 j 09:53	0°♐		
superior conj	-3894 Dec 29 j 10:52	9°♐15'05	-1°-53'-20	
minimum elong	-3894 Dec 29 j 12:11	9°♐21'17	1°53'29	
evening rise	-3893 Jan 07 j 14:44	26°♐52'19		
	-3893 Jan 09 j 05:31	0°♑		
asc. node	-3893 Jan 15 j 06:28	11°♑09'12		
evening max el	-3893 Jan 23 j 23:25	23°♑13'00	18°42'45	
retrograde	-3893 Jan 31 j 22:38	27°♑04'22		
evening set	-3893 Feb 03 j 09:09	26°♑44'05		
inferior conj	-3893 Feb 11 j 01:45	22°♑19'47	3°33'27	
minimum elong	-3893 Feb 11 j 05:33	22°♑12'37	3°32'41	
min. Earth dist.	-3893 Feb 14 j 09:38	19°♑50'44	0.58016 AU	
morning rise	-3893 Feb 18 j 22:16	17°♑06'26		
direct	-3893 Feb 24 j 17:13	15°♑43'53		
desc. node	-3893 Feb 26 j 16:48	15°♑53'33		
morning max el	-3893 Mar 10 j 23:23	23°♑11'41	26°10'52	
	-3893 Mar 17 j 01:47	0°♒		
	-3893 Apr 04 j 13:10	0°♓		
morning set	-3893 Apr 08 j 11:30	8°♓00'19		
asc. node	-3893 Apr 13 j 05:58	18°♓14'05		
superior conj	-3893 Apr 15 j 12:42	23°♓13'12	0°23'38	
minimum elong	-3893 Apr 15 j 11:40	23°♓07'34	0°23'23	
max. Earth dist.	-3893 Apr 15 j 23:09	24°♓10'17	1.32679 AU	
	-3893 Apr 18 j 15:26	0°♈		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening rise	-3893 Apr 22 j 15:01	8°♈26'52	
	-3893 May 03 j 23:59	0°♉	
evening max el	-3893 May 23 j 01:52	25°♉47'20	26°52'46
desc. node	-3893 May 25 j 15:28	28°♉04'17	
	-3893 May 28 j 05:32	0°♊	
retrograde	-3893 Jun 06 j 02:01	3°♊07'34	
evening set	-3893 Jun 12 j 20:09	1°♊06'40	
	-3893 Jun 14 j 13:19	30°℞♉	
min. Earth dist.	-3893 Jun 16 j 15:24	28°♉24'22	0.60703 AU
inferior conj	-3893 Jun 19 j 22:35	25°♉36'25	-4°-18'-58
minimum elong	-3893 Jun 19 j 23:30	25°♉34'27	4°18'49
morning rise	-3893 Jun 27 j 05:57	20°♉49'24	
direct	-3893 Jun 29 j 17:49	20°♉24'50	
morning max el	-3893 Jul 06 j 21:28	23°♉55'07	18°07'04
asc. node	-3893 Jul 10 j 05:31	27°♉45'22	
	-3893 Jul 11 j 20:04	0°♊	
morning set	-3893 Jul 22 j 20:30	19°♊08'01	
	-3893 Jul 28 j 17:14	0°♋	
superior conj	-3893 Aug 01 j 20:37	7°♋29'06	1°42'43
minimum elong	-3893 Aug 01 j 23:33	7°♋42'10	1°42'43
max. Earth dist.	-3893 Aug 09 j 10:03	20°♋34'01	1.41506 AU
evening rise	-3893 Aug 15 j 02:14	29°♋53'55	
	-3893 Aug 15 j 03:45	0°♌	
desc. node	-3893 Aug 21 j 14:36	10°♌09'25	
	-3893 Sep 04 j 02:27	0°♍	
greatest brilliancy	-3893 Sep 12 j 14:53	11°♍12'39	-0.3m
evening max el	-3893 Sep 17 j 09:13	16°♍33'18	22°33'18
retrograde	-3893 Sep 27 j 01:48	22°♍18'23	
evening set	-3893 Oct 01 j 15:56	20°♍27'28	
asc. node	-3893 Oct 06 j 04:34	15°♍16'35	
inferior conj	-3893 Oct 07 j 00:25	14°♍08'16	0°17'00
minimum elong	-3893 Oct 07 j 00:01	14°♍09'38	0°16'53
min. Earth dist.	-3893 Oct 06 j 22:50	14°♍13'43	0.67432 AU
morning rise	-3893 Oct 12 j 08:00	7°♍52'39	
direct	-3893 Oct 16 j 19:16	6°♍05'11	
morning max el	-3893 Oct 26 j 03:58	11°♍38'55	22°12'00
greatest brilliancy	-3893 Oct 30 j 21:48	17°♍01'05	-0.4m
	-3893 Nov 09 j 13:55	0°♎	
desc. node	-3893 Nov 17 j 14:27	11°♎47'07	
morning set	-3893 Nov 28 j 01:03	28°♎03'44	
	-3893 Nov 29 j 05:48	0°♏	
max. Earth dist.	-3893 Dec 03 j 22:30	7°♏45'07	1.41070 AU
superior conj	-3893 Dec 11 j 16:07	21°♏06'59	-1°-53'-33
minimum elong	-3893 Dec 11 j 14:28	20°♏59'37	1°53'39
	-3893 Dec 16 j 14:03	0°♐	
evening rise	-3893 Dec 21 j 23:55	10°♐02'22	
asc. node	-3892 Jan 02 j 03:31	29°♐35'22	
	-3892 Jan 02 j 10:09	0°♑	
evening max el	-3892 Jan 07 j 06:17	6°♑01'30	18°15'28
retrograde	-3892 Jan 14 j 08:20	9°♑34'29	
evening set	-3892 Jan 16 j 21:33	9°♑07'50	
inferior conj	-3892 Jan 23 j 23:19	4°♑21'34	4°00'16
minimum elong	-3892 Jan 24 j 00:21	4°♑19'18	4°00'03
min. Earth dist.	-3892 Jan 27 j 06:42	1°♑29'15	0.59994 AU
	-3892 Jan 29 j 04:16	30°℞♐	
morning rise	-3892 Jan 31 j 00:11	28°♐46'55	
direct	-3892 Feb 06 j 15:48	26°♐45'59	
desc. node	-3892 Feb 13 j 13:53	28°♐45'44	
	-3892 Feb 15 j 13:55	0°♑	
morning max el	-3892 Feb 20 j 20:30	4°♑24'08	27°13'23
	-3892 Mar 10 j 17:47	0°♒	
morning set	-3892 Mar 22 j 20:41	22°♒52'34	
	-3892 Mar 26 j 05:32	0°♓	
max. Earth dist.	-3892 Mar 29 j 12:40	7°♓09'38	1.32565 AU

superior conj	-3892 Mar 30 j 00:23	8°♓13'46	0°-1'-6
minimum elong	-3892 Mar 30 j 00:26	8°♓14'02	0°01'11
behind sun begin	-3892 Mar 29 j 19:26	7°♓46'41	
behind sun end	-3892 Mar 30 j 05:26	8°♓41'23	
asc. node	-3892 Mar 30 j 02:58	8°♓27'52	
evening rise	-3892 Apr 06 j 00:32	23°♓22'05	
	-3892 Apr 09 j 06:07	0°♈	
	-3892 Apr 27 j 11:11	0°♉	
evening max el	-3892 May 03 j 23:54	7°♉18'25	25°51'38
desc. node	-3892 May 11 j 12:36	12°♉52'18	
retrograde	-3892 May 18 j 01:53	14°♉33'19	
evening set	-3892 May 23 j 22:59	13°♉09'51	
min. Earth dist.	-3892 May 28 j 12:20	10°♉26'22	0.58666 AU
inferior conj	-3892 May 31 j 20:09	7°♉59'52	-4°-11'-25
minimum elong	-3892 May 31 j 17:40	8°♉04'27	4°11'08
morning rise	-3892 Jun 08 j 16:15	3°♉35'11	
direct	-3892 Jun 11 j 03:43	3°♉14'57	
morning max el	-3892 Jun 19 j 04:49	7°♉03'29	18°37'46
asc. node	-3892 Jun 26 j 02:31	15°♉57'05	
	-3892 Jul 03 j 22:51	0°♊	
morning set	-3892 Jul 05 j 11:07	2°♊54'42	
superior conj	-3892 Jul 14 j 09:40	20°♊04'50	1°49'06
minimum elong	-3892 Jul 14 j 09:59	20°♊06'20	1°49'16
	-3892 Jul 19 j 19:41	0°♋	
max. Earth dist.	-3892 Jul 21 j 13:16	3°♋04'13	1.39580 AU
evening rise	-3892 Jul 25 j 18:37	10°♋20'48	
desc. node	-3892 Aug 07 j 11:36	0°♌37'03	
	-3892 Aug 07 j 01:47	0°♌	
	-3892 Aug 29 j 21:40	0°♍	
evening max el	-3892 Aug 29 j 21:51	0°♍00'27	23°54'04
retrograde	-3892 Sep 09 j 17:27	6°♍23'05	
evening set	-3892 Sep 14 j 22:09	4°♍12'21	
	-3892 Sep 18 j 16:37	30°℞♌	
inferior conj	-3892 Sep 20 j 06:48	27°♌51'25	0°-36'-32
minimum elong	-3892 Sep 20 j 07:39	27°♌48'31	0°36'06
min. Earth dist.	-3892 Sep 19 j 18:54	28°♌31'53	0.67351 AU
asc. node	-3892 Sep 22 j 01:39	25°♌28'52	
morning rise	-3892 Sep 25 j 17:20	21°♌40'35	
direct	-3892 Sep 29 j 15:14	20°♌13'51	
morning max el	-3892 Oct 07 j 22:22	25°♌06'09	20°53'08
	-3892 Oct 12 j 05:01	0°♍	
greatest brilliancy	-3892 Oct 13 j 18:21	1°♍59'07	-0.5m
	-3892 Nov 02 j 00:51	0°♎	
desc. node	-3892 Nov 03 j 11:23	2°♎12'46	
morning set	-3892 Nov 06 j 05:59	6°♎30'58	
max. Earth dist.	-3892 Nov 15 j 04:08	20°♎41'59	1.42864 AU
	-3892 Nov 20 j 19:31	0°♏	
superior conj	-3892 Nov 21 j 21:14	1°♏48'02	-1°-39'-51
minimum elong	-3892 Nov 21 j 15:51	1°♏25'21	1°39'32
evening rise	-3892 Dec 03 j 18:49	22°♏29'52	
	-3892 Dec 08 j 00:13	0°♐	
asc. node	-3892 Dec 19 j 00:35	17°♐16'03	
evening max el	-3892 Dec 20 j 17:29	19°♐08'39	18°07'58
retrograde	-3892 Dec 27 j 08:50	22°♐36'44	
evening set	-3892 Dec 30 j 00:49	22°♐02'49	
inferior conj	-3891 Jan 05 j 14:32	16°♐54'57	3°59'41
minimum elong	-3891 Jan 05 j 13:11	16°♐58'21	3°59'26
min. Earth dist.	-3891 Jan 08 j 11:49	14°♐02'36	0.61970 AU
morning rise	-3891 Jan 11 j 23:21	11°♐05'10	
direct	-3891 Jan 19 j 00:08	8°♐33'29	
desc. node	-3891 Jan 30 j 10:57	13°♐57'06	
morning max el	-3891 Feb 02 j 00:02	16°♐17'30	27°41'29
	-3891 Feb 13 j 08:22	0°♑	
	-3891 Mar 03 j 07:02	0°♒	
morning set	-3891 Mar 07 j 01:27	7°♒28'56	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3891 Mar 12 j 23:42	19°♒57'15	1.32799 AU
superior conj	-3891 Mar 14 j 10:54	23°♒07'48	0°-26'-17
minimum elong	-3891 Mar 14 j 12:05	23°♒14'14	0°26'09
asc. node	-3891 Mar 16 j 23:56	28°♒39'42	
	-3891 Mar 17 j 14:43	0°♓	
evening rise	-3891 Mar 21 j 11:56	8°♓19'37	
	-3891 Apr 01 j 21:14	0°♈	
evening max el	-3891 Apr 15 j 16:38	18°♈13'51	24°27'31
desc. node	-3891 Apr 28 j 09:44	25°♈11'54	
retrograde	-3891 Apr 29 j 14:52	25°♈15'19	
evening set	-3891 May 04 j 05:05	24°♈27'45	
min. Earth dist.	-3891 May 10 j 04:33	21°♈27'28	0.56840 AU
inferior conj	-3891 May 12 j 21:51	19°♈42'59	-3°-29'-19
minimum elong	-3891 May 12 j 16:19	19°♈51'55	3°28'08
morning rise	-3891 May 21 j 07:41	15°♈37'08	
direct	-3891 May 23 j 18:57	15°♈20'24	
morning max el	-3891 Jun 02 j 04:16	19°♈42'03	19°28'51
	-3891 Jun 10 j 03:52	0°♉	
asc. node	-3891 Jun 12 j 23:32	4°♉48'12	
morning set	-3891 Jun 19 j 10:41	17°♉10'20	
	-3891 Jun 25 j 20:19	0°♊	
superior conj	-3891 Jun 27 j 15:14	3°♊31'49	1°45'45
minimum elong	-3891 Jun 27 j 13:42	3°♊24'20	1°45'49
max. Earth dist.	-3891 Jul 03 j 15:04	14°♊58'32	1.37649 AU
evening rise	-3891 Jul 07 j 12:42	22°♊03'27	
	-3891 Jul 12 j 02:43	0°♋	
desc. node	-3891 Jul 25 j 08:38	20°♋49'33	
	-3891 Jul 31 j 22:17	0°♌	
evening max el	-3891 Aug 12 j 08:30	13°♌30'07	25°11'36
retrograde	-3891 Aug 24 j 05:04	20°♌23'21	
evening set	-3891 Aug 30 j 00:50	17°♌54'38	
min. Earth dist.	-3891 Sep 03 j 12:34	12°♌50'09	0.66960 AU
inferior conj	-3891 Sep 04 j 11:19	11°♌35'31	-1°-29'-33
minimum elong	-3891 Sep 04 j 13:24	11°♌28'41	1°28'37
asc. node	-3891 Sep 08 j 22:45	6°♌25'53	
morning rise	-3891 Sep 10 j 02:28	5°♌32'26	
direct	-3891 Sep 13 j 13:05	4°♌23'45	
morning max el	-3891 Sep 20 j 23:58	8°♌41'37	19°45'55
greatest brilliancy	-3891 Sep 29 j 02:43	18°♌56'05	-0.6m
	-3891 Oct 06 j 14:10	0°♍	
morning set	-3891 Oct 16 j 04:56	14°♍47'37	
desc. node	-3891 Oct 21 j 08:19	22°♍48'07	
	-3891 Oct 25 j 22:17	0°♎	
max. Earth dist.	-3891 Oct 28 j 16:13	4°♎21'07	1.44156 AU
superior conj	-3891 Nov 01 j 22:47	11°♎11'32	-1°-9'-25
minimum elong	-3891 Nov 01 j 15:49	10°♎43'28	1°08'42
	-3891 Nov 13 j 08:50	0°♏	
evening rise	-3891 Nov 15 j 18:48	4°♏04'32	
	-3891 Dec 02 j 02:24	0°♐	
evening max el	-3891 Dec 04 j 06:11	2°♐27'06	18°19'31
asc. node	-3891 Dec 05 j 21:41	3°♐57'31	
retrograde	-3891 Dec 10 j 19:32	6°♐01'19	
evening set	-3891 Dec 13 j 15:21	5°♐18'46	
inferior conj	-3891 Dec 19 j 19:31	29°♏51'10	3°40'01
minimum elong	-3891 Dec 19 j 16:47	29°♏58'49	3°39'24
	-3891 Dec 19 j 16:21	30°℞♏	
min. Earth dist.	-3891 Dec 22 j 02:39	27°♏17'36	0.63729 AU
morning rise	-3891 Dec 25 j 16:40	23°♏50'36	
direct	-3890 Jan 01 j 16:25	21°♏02'28	
morning max el	-3890 Jan 15 j 07:53	28°♏46'40	27°33'26
	-3890 Jan 16 j 12:46	0°♐	
desc. node	-3890 Jan 17 j 07:59	0°♐50'51	
	-3890 Feb 07 j 03:27	0°♑	
morning set	-3890 Feb 18 j 23:17	21°♑40'21	
	-3890 Feb 23 j 01:35	0°♒	
max. Earth dist.	-3890 Feb 24 j 04:13	2°♒19'04	1.33413 AU
superior conj	-3890 Feb 26 j 18:30	7°♒49'00	0°-50'-59
minimum elong	-3890 Feb 26 j 20:43	8°♒00'51	0°50'42
asc. node	-3890 Mar 03 j 20:58	18°♒45'41	
evening rise	-3890 Mar 05 j 23:25	23°♒12'47	
	-3890 Mar 09 j 06:44	0°♓	
evening max el	-3890 Mar 28 j 09:04	28°♓56'35	22°53'36
	-3890 Mar 29 j 12:42	0°♈	
retrograde	-3890 Apr 10 j 15:11	5°♈27'21	
evening set	-3890 Apr 13 j 22:38	5°♈03'23	
desc. node	-3890 Apr 15 j 06:51	4°♈40'47	
min. Earth dist.	-3890 Apr 21 j 19:07	1°♈34'44	0.55577 AU
inferior conj	-3890 Apr 23 j 04:49	0°♈45'57	-2°-6'-50
minimum elong	-3890 Apr 22 j 23:36	0°♈53'32	2°05'14
	-3890 Apr 24 j 12:47	30°℞♓	
morning rise	-3890 May 02 j 03:14	26°♓48'53	
direct	-3890 May 04 j 16:35	26°♓33'23	
	-3890 May 13 j 17:13	0°♈	
morning max el	-3890 May 15 j 17:32	1°♈42'28	20°39'55
asc. node	-3890 May 30 j 20:34	24°♈09'19	
	-3890 Jun 02 j 19:16	0°♉	
morning set	-3890 Jun 03 j 16:32	1°♉48'06	
superior conj	-3890 Jun 11 j 08:38	17°♉36'47	1°35'10
minimum elong	-3890 Jun 11 j 06:10	17°♉24'10	1°35'03
max. Earth dist.	-3890 Jun 15 j 22:15	26°♉44'55	1.35937 AU
	-3890 Jun 17 j 14:31	0°♊	
evening rise	-3890 Jun 20 j 04:07	4°♊51'22	
	-3890 Jul 04 j 23:06	0°♋	
desc. node	-3890 Jul 12 j 05:42	10°♋40'15	
evening max el	-3890 Jul 25 j 19:31	27°♋01'48	26°17'46
	-3890 Jul 29 j 03:15	0°♌	
retrograde	-3890 Aug 07 j 11:58	4°♌14'20	
evening set	-3890 Aug 13 j 21:57	1°♌32'27	
	-3890 Aug 15 j 12:51	30°℞♋	
min. Earth dist.	-3890 Aug 18 j 01:27	27°♋06'09	0.66235 AU
inferior conj	-3890 Aug 19 j 12:10	25°♋18'38	-2°-20'-14
minimum elong	-3890 Aug 19 j 15:18	25°♋08'57	2°19'00
morning rise	-3890 Aug 25 j 09:30	19°♋26'36	
asc. node	-3890 Aug 26 j 19:50	18°♋47'58	
direct	-3890 Aug 28 j 11:14	18°♋32'32	
morning max el	-3890 Sep 04 j 08:04	22°♋24'16	18°53'23
	-3890 Sep 10 j 09:42	0°♌	
morning set	-3890 Sep 25 j 20:38	23°♌57'31	
	-3890 Sep 29 j 16:05	0°♍	
desc. node	-3890 Oct 08 j 05:17	13°♍29'44	
max. Earth dist.	-3890 Oct 11 j 08:56	18°♍27'41	1.44792 AU
superior conj	-3890 Oct 12 j 02:41	19°♍37'39	0°-24'-31
minimum elong	-3890 Oct 11 j 23:29	19°♍25'03	0°24'05
	-3890 Oct 18 j 16:04	0°♎	
evening rise	-3890 Oct 27 j 19:28	14°♎38'07	
	-3890 Nov 06 j 08:35	0°♏	
evening max el	-3890 Nov 17 j 17:47	15°♏51'55	18°49'04
asc. node	-3890 Nov 22 j 18:47	19°♏24'52	
retrograde	-3890 Nov 24 j 12:39	19°♏41'45	
evening set	-3890 Nov 27 j 13:57	18°♏48'34	
inferior conj	-3890 Dec 03 j 10:42	13°♏03'46	3°07'23
minimum elong	-3890 Dec 03 j 07:32	13°♏13'24	3°06'28
min. Earth dist.	-3890 Dec 05 j 03:09	11°♏00'37	0.65156 AU
morning rise	-3890 Dec 09 j 00:03	6°♏55'20	
direct	-3890 Dec 15 j 15:16	4°♏05'51	
morning max el	-3890 Dec 28 j 17:24	11°♏41'10	26°53'07
desc. node	-3889 Jan 04 j 05:02	18°♏57'34	
	-3889 Jan 12 j 10:23	0°♐	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3889 Jan 30 j 15:44	0°♑	
morning set	-3889 Feb 02 j 10:51	5°♑16'08	
max. Earth dist.	-3889 Feb 06 j 22:46	14°♑06'44	1.34462 AU
superior conj	-3889 Feb 10 j 21:06	22°♑10'30	-1°-14'00
minimum elong	-3889 Feb 11 j 00:04	22°♑25'56	1°13'42
	-3889 Feb 14 j 14:33	0°♒	
evening rise	-3889 Feb 18 j 09:13	7°♒55'26	
asc. node	-3889 Feb 18 j 18:01	8°♒40'57	
	-3889 Mar 02 j 08:26	0°♓	
evening max el	-3889 Mar 10 j 07:18	9°♓52'46	21°23'14
retrograde	-3889 Mar 22 j 05:34	15°♓36'07	
evening set	-3889 Mar 24 j 18:15	15°♓21'34	
desc. node	-3889 Apr 02 j 04:00	11°♓51'03	
inferior conj	-3889 Apr 03 j 00:45	11°♓21'53	0°-14'-24
minimum elong	-3889 Apr 03 j 00:05	11°♓22'51	0°14'15
transit middle	-3889 Apr 03 j 00:05	11°♓22'51	0°14'15
transit begin	-3889 Apr 02 j 22:18	11°♓25'21	
transit end	-3889 Apr 03 j 01:52	11°♓20'20	
min. Earth dist.	-3889 Apr 03 j 09:08	11°♓10'05	0.55158 AU
morning rise	-3889 Apr 12 j 05:44	7°♓17'46	
direct	-3889 Apr 15 j 05:08	6°♓58'21	
morning max el	-3889 Apr 27 j 19:50	13°♓00'30	22°08'14
	-3889 May 10 j 10:32	0°♈	
asc. node	-3889 May 17 j 17:36	13°♈52'00	
morning set	-3889 May 19 j 02:20	16°♈40'31	
	-3889 May 25 j 09:55	0°♉	
superior conj	-3889 May 26 j 10:12	2°♉07'57	1°19'19
minimum elong	-3889 May 26 j 07:32	1°♉53'53	1°19'01
max. Earth dist.	-3889 May 29 j 15:09	8°♉47'46	1.34561 AU
evening rise	-3889 Jun 03 j 11:24	18°♉28'14	
	-3889 Jun 09 j 16:01	0°♊	
desc. node	-3889 Jun 29 j 02:46	29°♊58'57	
	-3889 Jun 29 j 03:06	0°♋	
evening max el	-3889 Jul 08 j 07:05	10°♋27'09	27°04'32
retrograde	-3889 Jul 21 j 13:28	17°♋48'29	
evening set	-3889 Jul 28 j 10:57	15°♋01'36	
min. Earth dist.	-3889 Aug 01 j 07:08	11°♋13'46	0.65145 AU
inferior conj	-3889 Aug 03 j 07:11	8°♋56'21	-3°-6'-25
minimum elong	-3889 Aug 03 j 10:56	8°♋45'36	3°05'12
morning rise	-3889 Aug 09 j 12:12	3°♋18'48	
direct	-3889 Aug 12 j 07:25	2°♋36'10	
asc. node	-3889 Aug 13 j 16:57	2°♋46'43	
morning max el	-3889 Aug 18 j 20:46	6°♋10'09	18°17'16
	-3889 Sep 03 j 23:00	0°♌	
morning set	-3889 Sep 06 j 15:22	4°♌26'20	
superior conj	-3889 Sep 21 j 03:56	28°♌00'33	0°24'50
minimum elong	-3889 Sep 21 j 06:59	28°♌12'43	0°24'31
	-3889 Sep 22 j 10:01	0°♍	
max. Earth dist.	-3889 Sep 24 j 03:16	2°♍43'18	1.44696 AU
desc. node	-3889 Sep 25 j 02:15	4°♍14'01	
evening rise	-3889 Oct 07 j 19:24	24°♍08'47	
	-3889 Oct 11 j 13:35	0°♎	
greatest brilliancy	-3889 Oct 23 j 12:19	18°♎14'02	-0.7m
evening max el	-3889 Nov 01 j 01:51	29°♎18'48	19°35'14
	-3889 Nov 01 j 18:18	0°♏	
retrograde	-3889 Nov 08 j 09:05	3°♏32'56	
asc. node	-3889 Nov 09 j 15:52	3°♏23'25	
evening set	-3889 Nov 11 j 17:54	2°♏26'43	
	-3889 Nov 14 j 11:49	30°℞♎	
inferior conj	-3889 Nov 17 j 09:04	26°♎27'43	2°26'00
minimum elong	-3889 Nov 17 j 06:11	26°♎37'05	2°24'58
min. Earth dist.	-3889 Nov 18 j 12:00	25°♎00'12	0.66213 AU
morning rise	-3889 Nov 22 j 17:46	20°♎13'49	
direct	-3889 Nov 28 j 19:49	17°♎34'54	

morning max el	-3889 Dec 11 j 02:42	24°♎49'45	25°48'07
	-3889 Dec 15 j 19:53	0°♏	
desc. node	-3889 Dec 22 j 02:04	7°♏55'41	
	-3888 Jan 05 j 21:20	0°♐	
morning set	-3888 Jan 16 j 07:45	18°♐03'07	
max. Earth dist.	-3888 Jan 20 j 05:52	25°♐24'13	1.35957 AU
	-3888 Jan 22 j 14:47	0°♑	
superior conj	-3888 Jan 25 j 16:07	6°♑04'28	-1°-33'-50
minimum elong	-3888 Jan 25 j 19:16	6°♑20'17	1°33'40
evening rise	-3888 Feb 02 j 15:25	22°♑21'28	
asc. node	-3888 Feb 05 j 15:02	28°♑20'33	
	-3888 Feb 06 j 11:25	0°♒	
evening max el	-3888 Feb 20 j 15:17	21°♒20'23	20°06'11
retrograde	-3888 Mar 01 j 21:22	26°♒12'28	
evening set	-3888 Mar 04 j 04:42	25°♒58'47	
inferior conj	-3888 Mar 12 j 23:29	21°♒58'57	1°38'01
minimum elong	-3888 Mar 13 j 03:26	21°♒52'58	1°36'40
min. Earth dist.	-3888 Mar 14 j 23:12	20°♒47'07	0.55675 AU
desc. node	-3888 Mar 19 j 01:07	18°♒36'15	
morning rise	-3888 Mar 21 j 23:31	17°♒31'16	
direct	-3888 Mar 25 j 20:38	16°♒58'14	
morning max el	-3888 Apr 08 j 13:43	23°♒45'51	23°46'37
	-3888 Apr 14 j 04:16	0°♓	
	-3888 May 01 j 18:45	0°♈	
morning set	-3888 May 02 j 14:12	1°♈41'20	
asc. node	-3888 May 03 j 14:38	3°♈50'03	
superior conj	-3888 May 09 j 17:11	16°♈56'40	0°59'40
minimum elong	-3888 May 09 j 14:52	16°♈44'12	0°59'18
max. Earth dist.	-3888 May 11 j 17:39	21°♈15'38	1.33553 AU
	-3888 May 15 j 22:17	0°♉	
evening rise	-3888 May 17 j 06:01	2°♉40'25	
	-3888 Jun 01 j 12:16	0°♊	
desc. node	-3888 Jun 14 j 23:50	18°♊32'09	
evening max el	-3888 Jun 19 j 17:36	23°♊34'00	27°24'50
	-3888 Jun 28 j 19:50	0°♋	
retrograde	-3888 Jul 03 j 09:11	0°♋57'42	
	-3888 Jul 07 j 16:32	30°℞♊	
evening set	-3888 Jul 10 j 12:42	28°♊17'29	
min. Earth dist.	-3888 Jul 14 j 03:38	25°♊04'08	0.63673 AU
inferior conj	-3888 Jul 16 j 17:45	22°♊23'35	-3°-45'-5
minimum elong	-3888 Jul 16 j 21:22	22°♊14'10	3°44'12
morning rise	-3888 Jul 23 j 07:56	17°♊03'50	
direct	-3888 Jul 25 j 22:50	16°♊29'53	
asc. node	-3888 Jul 30 j 14:03	18°♊15'37	
morning max el	-3888 Aug 01 j 11:35	19°♊54'48	17°58'40
	-3888 Aug 08 j 23:32	0°♋	
morning set	-3888 Aug 18 j 11:45	16°♋08'17	
	-3888 Aug 26 j 14:00	0°♌	
superior conj	-3888 Aug 30 j 23:58	7°♌21'01	1°06'14
minimum elong	-3888 Aug 31 j 05:45	7°♌44'48	1°05'43
max. Earth dist.	-3888 Sep 05 j 19:37	16°♌47'57	1.43894 AU
desc. node	-3888 Sep 10 j 23:10	24°♌57'55	
	-3888 Sep 14 j 04:31	0°♍	
evening rise	-3888 Sep 16 j 01:49	2°♍55'33	
	-3888 Oct 04 j 03:43	0°♎	
greatest brilliancy	-3888 Oct 08 j 01:47	5°♎24'09	-0.5m
evening max el	-3888 Oct 14 j 04:26	12°♎44'40	20°35'58
retrograde	-3888 Oct 22 j 06:21	17°♎30'49	
evening set	-3888 Oct 26 j 00:50	16°♎09'00	
asc. node	-3888 Oct 26 j 12:59	15°♎45'28	
inferior conj	-3888 Oct 31 j 12:09	9°♎59'13	1°38'38
minimum elong	-3888 Oct 31 j 10:01	10°♎06'26	1°37'47
min. Earth dist.	-3888 Nov 01 j 03:10	9°♎08'20	0.66927 AU
morning rise	-3888 Nov 05 j 18:44	3°♎42'17	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3888 Nov 11 j 05:34	1°♎21'14	
morning max el	-3888 Nov 22 j 11:25	8°♎03'19	24°27'27
desc. node	-3888 Dec 07 j 23:01	27°♎29'22	
	-3888 Dec 09 j 16:52	0°♏	
morning set	-3888 Dec 28 j 08:10	29°♏44'22	
	-3888 Dec 28 j 11:45	0°♐	
max. Earth dist.	-3887 Jan 01 j 03:56	6°♐32'08	1.37828 AU
superior conj	-3887 Jan 08 j 00:05	19°♐20'00	-1°-48'-25
minimum elong	-3887 Jan 08 j 02:27	19°♐31'25	1°48'28
	-3887 Jan 13 j 10:33	0°♑	
evening rise	-3887 Jan 16 j 15:41	6°♑23'08	
asc. node	-3887 Jan 22 j 12:04	17°♑37'36	
	-3887 Jan 30 j 08:27	0°♒	
evening max el	-3887 Feb 02 j 09:38	3°♒23'14	19°07'29
retrograde	-3887 Feb 11 j 02:27	7°♒32'54	
evening set	-3887 Feb 13 j 11:07	7°♒15'50	
inferior conj	-3887 Feb 21 j 13:16	3°♒02'34	3°02'10
minimum elong	-3887 Feb 21 j 18:06	2°♒54'11	3°00'56
min. Earth dist.	-3887 Feb 24 j 14:24	0°♒57'08	0.56996 AU
	-3887 Feb 26 j 02:15	30°℞♑	
morning rise	-3887 Mar 01 j 21:18	28°♑04'19	
desc. node	-3887 Mar 05 j 22:14	27°♑06'04	
direct	-3887 Mar 06 j 23:43	27°♑03'23	
	-3887 Mar 15 j 19:20	0°♒	
morning max el	-3887 Mar 21 j 04:43	4°♒21'20	25°22'39
	-3887 Apr 08 j 13:19	0°♓	
morning set	-3887 Apr 17 j 02:22	16°♓43'50	
asc. node	-3887 Apr 20 j 11:37	23°♓57'35	
	-3887 Apr 23 j 06:17	0°♈	
superior conj	-3887 Apr 24 j 03:25	1°♈55'09	0°37'20
minimum elong	-3887 Apr 24 j 01:50	1°♈46'33	0°37'01
max. Earth dist.	-3887 Apr 25 j 03:04	4°♈03'47	1.32898 AU
evening rise	-3887 May 01 j 08:28	17°♈16'18	
	-3887 May 07 j 20:27	0°♉	
	-3887 May 27 j 08:15	0°♊	
desc. node	-3887 Jun 01 j 20:56	6°♊00'40	
evening max el	-3887 Jun 02 j 00:47	6°♊09'56	27°13'51
retrograde	-3887 Jun 15 j 22:38	13°♊32'48	
evening set	-3887 Jun 22 j 23:23	11°♊13'27	
min. Earth dist.	-3887 Jun 26 j 14:13	8°♊24'20	0.61852 AU
inferior conj	-3887 Jun 29 j 16:47	5°♊33'28	-4°-11'-42
minimum elong	-3887 Jun 29 j 19:07	5°♊28'06	4°11'21
morning rise	-3887 Jul 06 j 17:32	0°♊34'16	
direct	-3887 Jul 09 j 05:59	0°♊06'50	
morning max el	-3887 Jul 16 j 01:51	3°♊32'12	17°58'30
asc. node	-3887 Jul 17 j 11:07	5°♊00'06	
morning set	-3887 Aug 01 j 04:34	28°♊49'18	
	-3887 Aug 01 j 20:08	0°♋	
superior conj	-3887 Aug 11 j 23:40	18°♋04'21	1°33'30
minimum elong	-3887 Aug 12 j 04:08	18°♋23'39	1°33'18
	-3887 Aug 19 j 01:18	0°♌	
max. Earth dist.	-3887 Aug 19 j 07:00	0°♌23'28	1.42497 AU
evening rise	-3887 Aug 26 j 08:43	11°♌46'17	
desc. node	-3887 Aug 28 j 20:08	15°♌38'42	
	-3887 Sep 07 j 07:18	0°♍	
greatest brilliancy	-3887 Sep 22 j 03:45	20°♍36'00	-0.4m
evening max el	-3887 Sep 27 j 00:49	26°♍09'55	21°48'14
	-3887 Oct 01 j 13:35	0°♎	
retrograde	-3887 Oct 06 j 02:33	1°♎33'23	
evening set	-3887 Oct 10 j 08:52	29°♍53'41	
	-3887 Oct 10 j 05:37	30°℞♍	
asc. node	-3887 Oct 13 j 10:05	26°♍43'19	
inferior conj	-3887 Oct 15 j 17:55	23°♍36'44	0°47'30
minimum elong	-3887 Oct 15 j 16:50	23°♍40'29	0°47'03
min. Earth dist.	-3887 Oct 15 j 22:14	23°♍21'50	0.67329 AU
morning rise	-3887 Oct 21 j 00:34	17°♍19'35	
direct	-3887 Oct 25 j 20:07	15°♍19'40	
morning max el	-3887 Nov 04 j 21:26	21°♍19'47	23°00'53
greatest brilliancy	-3887 Nov 09 j 19:44	26°♍52'22	-0.3m
	-3887 Nov 12 j 07:40	0°♎	
desc. node	-3887 Nov 24 j 19:57	17°♎28'41	
	-3887 Dec 03 j 00:16	0°♏	
morning set	-3887 Dec 09 j 06:08	10°♏05'22	
max. Earth dist.	-3887 Dec 13 j 23:41	18°♏04'25	1.39895 AU
	-3887 Dec 20 j 17:24	0°♐	
superior conj	-3887 Dec 21 j 16:35	1°♐45'52	-1°-54'-54
minimum elong	-3887 Dec 21 j 16:49	1°♐46'57	1°55'03
evening rise	-3887 Dec 31 j 07:17	19°♐53'42	
	-3886 Jan 05 j 16:25	0°♑	
asc. node	-3886 Jan 09 j 09:05	6°♑24'44	
evening max el	-3886 Jan 16 j 12:43	15°♑57'18	18°28'44
retrograde	-3886 Jan 24 j 01:44	19°♑39'07	
evening set	-3886 Jan 26 j 13:18	19°♑16'24	
inferior conj	-3886 Feb 02 j 23:18	14°♑43'11	3°48'44
minimum elong	-3886 Feb 03 j 01:59	14°♑37'48	3°48'16
min. Earth dist.	-3886 Feb 06 j 08:41	12°♑01'00	0.58836 AU
morning rise	-3886 Feb 10 j 11:09	9°♑19'32	
direct	-3886 Feb 16 j 16:11	7°♑40'09	
desc. node	-3886 Feb 20 j 19:19	8°♑22'45	
morning max el	-3886 Mar 02 j 22:30	15°♑14'06	26°41'09
	-3886 Mar 14 j 21:09	0°♒	
	-3886 Mar 31 j 17:35	0°♓	
morning set	-3886 Apr 01 j 13:09	1°♓41'39	
asc. node	-3886 Apr 07 j 08:35	14°♓10'10	
superior conj	-3886 Apr 08 j 15:04	16°♓56'53	0°13'15
minimum elong	-3886 Apr 08 j 14:28	16°♓53'40	0°13'05
behind sun begin	-3886 Apr 08 j 11:40	16°♓38'19	
behind sun end	-3886 Apr 08 j 17:17	17°♓09'02	
max. Earth dist.	-3886 Apr 08 j 16:01	17°♓02'09	1.32588 AU
	-3886 Apr 14 j 15:53	0°♈	
evening rise	-3886 Apr 15 j 16:03	2°♈06'48	
	-3886 Apr 30 j 21:10	0°♉	
evening max el	-3886 May 15 j 02:32	18°♉05'42	26°30'11
desc. node	-3886 May 19 j 18:03	21°♉57'07	
retrograde	-3886 May 29 j 04:19	25°♉24'54	
evening set	-3886 Jun 04 j 14:46	23°♉39'22	
min. Earth dist.	-3886 Jun 08 j 15:48	20°♉58'28	0.59827 AU
inferior conj	-3886 Jun 12 j 00:42	18°♉16'46	-4°-19'-22
minimum elong	-3886 Jun 12 j 00:18	18°♉17'36	4°19'16
morning rise	-3886 Jun 19 j 13:21	13°♉39'25	
direct	-3886 Jun 22 j 00:47	13°♉16'58	
morning max el	-3886 Jun 29 j 12:34	16°♉53'43	18°17'38
asc. node	-3886 Jul 04 j 08:09	22°♉43'59	
	-3886 Jul 08 j 20:42	0°♊	
morning set	-3886 Jul 15 j 12:29	12°♊15'07	
	-3886 Jul 24 j 23:59	0°♋	
superior conj	-3886 Jul 25 j 00:41	0°♋03'13	1°46'47
minimum elong	-3886 Jul 25 j 02:27	0°♋11'15	1°46'54
max. Earth dist.	-3886 Aug 01 j 12:26	13°♋16'51	1.40701 AU
evening rise	-3886 Aug 06 j 10:22	21°♋30'46	
	-3886 Aug 11 j 17:06	0°♌	
desc. node	-3886 Aug 15 j 17:08	6°♌12'17	
	-3886 Sep 01 j 10:37	0°♍	
greatest brilliancy	-3886 Sep 04 j 05:13	3°♍29'14	-0.2m
evening max el	-3886 Sep 09 j 15:45	9°♍35'42	23°07'39
retrograde	-3886 Sep 19 j 20:08	15°♍37'38	
evening set	-3886 Sep 24 j 16:12	13°♍38'29	
inferior conj	-3886 Sep 30 j 00:34	7°♍18'06	0°-5'-39

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3886 Sep 30 j 00:42	7°♍17'39	0°05'33
transit middle	-3886 Sep 30 j 00:42	7°♍17'39	0°05'33
transit begin	-3886 Sep 29 j 22:09	7°♍26'24	
transit end	-3886 Sep 30 j 03:14	7°♍08'54	
min. Earth dist.	-3886 Sep 29 j 18:42	7°♍38'18	0.67432 AU
asc. node	-3886 Sep 30 j 07:11	6°♍55'19	
morning rise	-3886 Oct 05 j 09:10	1°♍03'51	
	-3886 Oct 07 j 01:53	30°℞♌	
direct	-3886 Oct 09 j 14:32	29°♌25'19	
	-3886 Oct 12 j 06:48	0°♍	
morning max el	-3886 Oct 18 j 11:50	4°♍41'06	21°37'10
greatest brilliancy	-3886 Oct 23 j 13:39	10°♍31'01	-0.4m
	-3886 Nov 06 j 13:00	0°♎	
desc. node	-3886 Nov 11 j 16:54	7°♎45'59	
morning set	-3886 Nov 18 j 23:35	19°♎04'42	
	-3886 Nov 25 j 17:47	0°♏	
max. Earth dist.	-3886 Nov 26 j 00:22	0°♏27'08	1.41878 AU
superior conj	-3886 Dec 03 j 12:12	13°♏08'37	-1°-49'-40
minimum elong	-3886 Dec 03 j 08:56	12°♏54'29	1°49'38
	-3886 Dec 12 j 22:34	0°♐	
evening rise	-3886 Dec 14 j 10:49	2°♐45'43	
asc. node	-3886 Dec 27 j 06:08	24°♐32'38	
evening max el	-3886 Dec 30 j 21:49	28°♐54'35	18°10'01
	-3885 Jan 01 j 02:32	0°♑	
retrograde	-3885 Jan 06 j 18:02	2°♑23'38	
evening set	-3885 Jan 09 j 08:26	1°♑53'59	
	-3885 Jan 12 j 16:10	30°℞♐	
inferior conj	-3885 Jan 16 j 04:46	26°♐58'40	4°02'50
minimum elong	-3885 Jan 16 j 04:41	26°♐58'53	4°02'39
min. Earth dist.	-3885 Jan 19 j 08:50	24°♐03'29	0.60849 AU
morning rise	-3885 Jan 22 j 22:17	21°♐17'12	
direct	-3885 Jan 29 j 19:26	19°♐01'21	
desc. node	-3885 Feb 07 j 16:24	22°♐18'04	
morning max el	-3885 Feb 12 j 22:10	26°♐42'35	27°29'48
	-3885 Feb 16 j 01:23	0°♑	
	-3885 Mar 08 j 08:39	0°♒	
morning set	-3885 Mar 16 j 20:46	16°♒28'15	
max. Earth dist.	-3885 Mar 23 j 04:53	29°♒58'03	1.32616 AU
	-3885 Mar 23 j 05:15	0°♓	
superior conj	-3885 Mar 24 j 02:30	1°♓55'55	0°-11'-46
minimum elong	-3885 Mar 24 j 03:02	1°♓58'50	0°11'45
behind sun begin	-3885 Mar 23 j 23:38	1°♓40'17	
behind sun end	-3885 Mar 24 j 06:26	2°♓17'23	
asc. node	-3885 Mar 25 j 05:35	4°♓23'49	
evening rise	-3885 Mar 31 j 02:38	17°♓04'24	
	-3885 Apr 06 j 13:40	0°♈	
evening max el	-3885 Apr 26 j 22:17	29°♈21'28	25°18'06
	-3885 Apr 27 j 14:43	0°♉	
desc. node	-3885 May 06 j 15:11	5°♉47'11	
retrograde	-3885 May 10 j 23:51	6°♉31'41	
evening set	-3885 May 16 j 08:27	5°♉24'44	
min. Earth dist.	-3885 May 21 j 10:39	2°♉35'32	0.57845 AU
inferior conj	-3885 May 24 j 14:11	0°♉24'56	-3°-58'-26
minimum elong	-3885 May 24 j 10:12	0°♉31'53	3°57'49
	-3885 May 25 j 04:33	30°℞♈	
morning rise	-3885 Jun 01 j 16:00	26°♈08'33	
direct	-3885 Jun 04 j 03:18	25°♈49'56	
morning max el	-3885 Jun 12 j 16:55	29°♈51'00	18°56'53
	-3885 Jun 12 j 20:43	0°♉	
asc. node	-3885 Jun 21 j 05:11	11°♉14'17	
morning set	-3885 Jun 29 j 07:23	26°♉15'48	
	-3885 Jul 01 j 04:58	0°♊	
superior conj	-3885 Jul 07 j 21:28	13°♊02'48	1°48'42
minimum elong	-3885 Jul 07 j 20:54	13°♊00'03	1°48'51
max. Earth dist.	-3885 Jul 14 j 14:33	25°♊30'23	1.38755 AU
	-3885 Jul 17 j 03:20	0°♋	
evening rise	-3885 Jul 18 j 14:10	2°♋31'23	
desc. node	-3885 Aug 02 j 14:09	26°♋34'14	
	-3885 Aug 04 j 22:10	0°♌	
evening max el	-3885 Aug 23 j 03:28	23°♌04'38	24°27'54
retrograde	-3885 Sep 03 j 10:03	29°♌40'44	
evening set	-3885 Sep 08 j 21:08	27°♌22'15	
min. Earth dist.	-3885 Sep 13 j 14:04	21°♌56'40	0.67232 AU
inferior conj	-3885 Sep 14 j 06:24	21°♌01'52	0°-59'-12
minimum elong	-3885 Sep 14 j 07:47	20°♌57'12	0°58'32
asc. node	-3885 Sep 17 j 04:19	17°♌20'03	
morning rise	-3885 Sep 19 j 18:41	14°♌53'50	
direct	-3885 Sep 23 j 11:38	13°♌34'58	
morning max el	-3885 Oct 01 j 09:10	18°♌11'13	20°22'46
greatest brilliancy	-3885 Oct 08 j 00:21	26°♌13'02	-0.6m
	-3885 Oct 10 j 18:02	0°♍	
morning set	-3885 Oct 28 j 22:57	27°♍18'12	
desc. node	-3885 Oct 29 j 13:52	28°♍16'03	
	-3885 Oct 30 j 16:36	0°♎	
max. Earth dist.	-3885 Nov 08 j 09:10	13°♎44'27	1.43492 AU
superior conj	-3885 Nov 14 j 05:41	23°♎16'22	-1°-29'00
minimum elong	-3885 Nov 13 j 23:06	22°♎49'16	1°28'29
	-3885 Nov 18 j 06:31	0°♏	
evening rise	-3885 Nov 26 j 22:13	14°♏51'21	
	-3885 Dec 05 j 17:36	0°♐	
asc. node	-3885 Dec 14 j 03:13	11°♐49'38	
evening max el	-3885 Dec 14 j 10:02	12°♐07'07	18°10'39
retrograde	-3885 Dec 20 j 23:21	15°♐36'16	
evening set	-3885 Dec 23 j 16:56	14°♐58'42	
inferior conj	-3885 Dec 30 j 02:16	9°♐42'02	3°53'15
minimum elong	-3885 Dec 30 j 00:12	9°♐47'29	3°52'52
min. Earth dist.	-3884 Jan 01 j 17:42	6°♐56'03	0.62754 AU
morning rise	-3884 Jan 05 j 05:37	3°♐47'32	
direct	-3884 Jan 12 j 07:10	1°♐07'09	
desc. node	-3884 Jan 25 j 13:28	8°♐16'41	
morning max el	-3884 Jan 26 j 03:41	8°♐51'11	27°42'30
	-3884 Feb 11 j 14:03	0°♑	
morning set	-3884 Feb 28 j 22:54	0°♒54'41	
	-3884 Feb 28 j 12:02	0°♒	
max. Earth dist.	-3884 Mar 05 j 13:44	12°♒36'31	1.33009 AU
superior conj	-3884 Mar 07 j 11:59	16°♒44'58	0°-36'-52
minimum elong	-3884 Mar 07 j 13:38	16°♒53'51	0°36'40
asc. node	-3884 Mar 11 j 02:35	24°♒33'32	
	-3884 Mar 13 j 15:26	0°♓	
evening rise	-3884 Mar 14 j 14:17	2°♓00'50	
	-3884 Mar 30 j 03:16	0°♈	
evening max el	-3884 Apr 07 j 14:15	10°♈08'20	23°48'01
retrograde	-3884 Apr 21 j 07:03	16°♈58'29	
desc. node	-3884 Apr 22 j 12:19	16°♈55'08	
evening set	-3884 Apr 25 j 07:40	16°♈22'43	
min. Earth dist.	-3884 May 02 j 01:36	13°♈12'06	0.56221 AU
inferior conj	-3884 May 04 j 07:28	11°♈50'15	-2°-59'-13
minimum elong	-3884 May 04 j 01:29	11°♈59'24	2°57'41
morning rise	-3884 May 12 j 22:59	7°♈49'48	
direct	-3884 May 15 j 10:55	7°♈33'49	
morning max el	-3884 May 25 j 12:10	12°♈13'44	19°56'40
	-3884 Jun 06 j 22:05	0°♉	
asc. node	-3884 Jun 07 j 02:14	0°♉19'11	
morning set	-3884 Jun 12 j 09:58	10°♉41'59	
superior conj	-3884 Jun 20 j 08:36	26°♉47'26	1°42'01
minimum elong	-3884 Jun 20 j 06:35	26°♉37'18	1°42'00
	-3884 Jun 21 j 23:27	0°♊	
max. Earth dist.	-3884 Jun 25 j 18:24	7°♊19'50	1.36894 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening rise	-3884 Jun 29 j 17:59	14°♊43'24	
	-3884 Jul 08 j 14:41	0°♋	
desc. node	-3884 Jul 19 j 11:13	16°♋38'27	
	-3884 Jul 29 j 13:50	0°♌	
evening max el	-3884 Aug 04 j 14:13	6°♌35'56	25°41'31
retrograde	-3884 Aug 16 j 19:35	13°♌38'02	
evening set	-3884 Aug 22 j 21:45	11°♌02'48	
min. Earth dist.	-3884 Aug 27 j 05:55	6°♌14'37	0.66704 AU
inferior conj	-3884 Aug 28 j 09:37	4°♌45'47	-1°-51'-28
minimum elong	-3884 Aug 28 j 12:11	4°♌37'34	1°50'22
	-3884 Sep 01 j 13:28	30°℞♋	
morning rise	-3884 Sep 03 j 03:13	28°♋47'13	
asc. node	-3884 Sep 03 j 01:26	28°♋50'04	
direct	-3884 Sep 06 j 09:51	27°♋45'07	
	-3884 Sep 11 j 13:49	0°♌	
morning max el	-3884 Sep 13 j 13:48	1°♌50'20	19°21'38
greatest brilliancy	-3884 Sep 23 j 13:54	14°♌59'49	-0.7m
	-3884 Oct 03 j 08:35	0°♍	
morning set	-3884 Oct 07 j 02:53	5°♍52'12	
desc. node	-3884 Oct 15 j 10:50	18°♍54'36	
max. Earth dist.	-3884 Oct 21 j 00:14	27°♍40'01	1.44516 AU
	-3884 Oct 22 j 11:35	0°♎	
superior conj	-3884 Oct 23 j 20:29	2°♎10'43	0°-51'-42
minimum elong	-3884 Oct 23 j 14:26	1°♎46'39	0°50'59
evening rise	-3884 Nov 07 j 12:49	26°♎01'31	
	-3884 Nov 09 j 22:21	0°♏	
evening max el	-3884 Nov 26 j 22:33	25°♏28'42	18°29'55
asc. node	-3884 Nov 30 j 00:19	28°♏01'40	
retrograde	-3884 Dec 03 j 13:23	29°♏08'39	
evening set	-3884 Dec 06 j 11:18	28°♏21'46	
inferior conj	-3884 Dec 12 j 12:02	22°♏46'10	3°27'28
minimum elong	-3884 Dec 12 j 09:01	22°♏54'57	3°26'43
min. Earth dist.	-3884 Dec 14 j 12:42	20°♏24'49	0.64376 AU
morning rise	-3884 Dec 18 j 05:25	16°♏41'52	
direct	-3884 Dec 25 j 02:08	13°♏51'49	
morning max el	-3883 Jan 07 j 12:46	21°♏33'21	27°19'59
desc. node	-3883 Jan 11 j 10:30	25°♏44'36	
	-3883 Jan 14 j 23:09	0°♐	
	-3883 Feb 03 j 16:49	0°♑	
morning set	-3883 Feb 11 j 16:49	14°♑52'07	
max. Earth dist.	-3883 Feb 16 j 14:37	24°♑45'16	1.33806 AU
	-3883 Feb 19 j 02:54	0°♒	
superior conj	-3883 Feb 19 j 17:42	1°♒18'07	-1°-1'-1
minimum elong	-3883 Feb 19 j 20:17	1°♒31'48	1°00'43
asc. node	-3883 Feb 25 j 23:36	14°♒35'10	
evening rise	-3883 Feb 27 j 01:16	16°♒50'02	
	-3883 Mar 05 j 16:24	0°♓	
evening max el	-3883 Mar 20 j 08:12	20°♓52'21	22°13'58
retrograde	-3883 Apr 02 j 02:27	27°♓05'03	
evening set	-3883 Apr 05 j 00:11	26°♓46'23	
desc. node	-3883 Apr 09 j 09:26	25°♓15'46	
min. Earth dist.	-3883 Apr 13 j 15:33	23°♓01'32	0.55285 AU
inferior conj	-3883 Apr 14 j 08:12	22°♓37'58	-1°-21'-19
minimum elong	-3883 Apr 14 j 04:32	22°♓43'09	1°20'09
morning rise	-3883 Apr 23 j 10:35	18°♓40'33	
direct	-3883 Apr 26 j 02:46	18°♓24'21	
morning max el	-3883 May 07 j 20:42	23°♓55'29	21°15'46
	-3883 May 13 j 05:32	0°♈	
asc. node	-3883 May 24 j 23:15	19°♈49'52	
morning set	-3883 May 27 j 17:43	25°♈26'25	
	-3883 May 29 j 22:27	0°♉	
superior conj	-3883 Jun 04 j 05:51	11°♉04'34	1°29'00
minimum elong	-3883 Jun 04 j 03:13	10°♉50'55	1°28'48
max. Earth dist.	-3883 Jun 08 j 05:19	19°♉10'13	1.35305 AU
evening rise	-3883 Jun 12 j 16:42	27°♉53'18	
	-3883 Jun 13 j 19:36	0°♊	
	-3883 Jul 01 j 20:56	0°♋	
desc. node	-3883 Jul 06 j 08:16	6°♋16'52	
evening max el	-3883 Jul 18 j 01:17	20°♋05'09	26°40'22
retrograde	-3883 Jul 31 j 00:18	27°♋23'00	
evening set	-3883 Aug 06 j 15:47	24°♋37'24	
min. Earth dist.	-3883 Aug 10 j 15:53	20°♋27'55	0.65820 AU
inferior conj	-3883 Aug 12 j 08:15	18°♋26'47	-2°-40'-33
minimum elong	-3883 Aug 12 j 11:43	18°♋16'24	2°39'17
morning rise	-3883 Aug 18 j 08:42	12°♋40'49	
asc. node	-3883 Aug 20 j 22:33	11°♋52'54	
direct	-3883 Aug 21 j 07:20	11°♋52'09	
morning max el	-3883 Aug 28 j 00:14	15°♋35'14	18°35'56
	-3883 Sep 07 j 12:35	0°♌	
morning set	-3883 Sep 17 j 05:39	15°♌34'38	
	-3883 Sep 26 j 05:45	0°♍	
desc. node	-3883 Oct 02 j 07:46	9°♍37'37	
superior conj	-3883 Oct 02 j 20:18	10°♍27'02	0°-3'-19
minimum elong	-3883 Oct 02 j 19:53	10°♍25'21	0°03'13
behind sun begin	-3883 Oct 02 j 08:40	9°♍41'09	
behind sun end	-3883 Oct 03 j 07:06	11°♍09'33	
max. Earth dist.	-3883 Oct 03 j 17:55	11°♍52'11	1.44838 AU
	-3883 Oct 15 j 05:58	0°♎	
evening rise	-3883 Oct 19 j 02:47	6°♎07'37	
	-3883 Nov 03 j 10:17	0°♏	
evening max el	-3883 Nov 10 j 08:49	8°♏54'06	19°06'44
asc. node	-3883 Nov 16 j 21:26	12°♏52'34	
retrograde	-3883 Nov 17 j 08:19	12°♏53'44	
evening set	-3883 Nov 20 j 12:27	11°♏55'27	
inferior conj	-3883 Nov 26 j 06:37	6°♏04'06	2°50'42
minimum elong	-3883 Nov 26 j 03:30	6°♏13'53	2°49'43
min. Earth dist.	-3883 Nov 27 j 17:08	4°♏15'38	0.65646 AU
morning rise	-3883 Dec 01 j 17:36	29°♎52'45	
	-3883 Dec 01 j 14:19	30°℞♎	
direct	-3883 Dec 08 j 03:29	27°♎06'34	
	-3883 Dec 15 j 14:42	0°♏	
morning max el	-3883 Dec 20 j 22:31	4°♏35'34	26°27'57
desc. node	-3883 Dec 29 j 07:31	14°♏15'06	
	-3882 Jan 09 j 10:41	0°♐	
morning set	-3882 Jan 25 j 22:44	28°♐08'39	
	-3882 Jan 26 j 22:15	0°♑	
max. Earth dist.	-3882 Jan 30 j 04:14	6°♑18'01	1.35042 AU
superior conj	-3882 Feb 03 j 17:22	15°♑28'14	-1°-22'-55
minimum elong	-3882 Feb 03 j 20:30	15°♑44'19	1°22'41
	-3882 Feb 10 j 17:09	0°♒	
evening rise	-3882 Feb 11 j 09:45	1°♒25'41	
asc. node	-3882 Feb 12 j 20:37	4°♒24'01	
	-3882 Feb 28 j 11:36	0°♓	
evening max el	-3882 Mar 02 j 10:10	1°♓59'47	20°48'26
retrograde	-3882 Mar 13 j 16:06	7°♓21'24	
evening set	-3882 Mar 16 j 00:52	7°♓08'06	
inferior conj	-3882 Mar 25 j 03:29	3°♓10'26	0°35'17
minimum elong	-3882 Mar 25 j 05:05	3°♓08'08	0°34'40
min. Earth dist.	-3882 Mar 26 j 05:47	2°♓32'38	0.55258 AU
desc. node	-3882 Mar 27 j 06:32	1°♓57'35	
	-3882 Mar 31 j 04:34	30°℞♒	
morning rise	-3882 Apr 03 j 07:52	28°♒57'34	
direct	-3882 Apr 06 j 14:46	28°♒34'01	
	-3882 Apr 12 j 18:52	0°♓	
morning max el	-3882 Apr 19 j 19:01	4°♓57'53	22°49'35
	-3882 May 07 j 00:29	0°♈	
asc. node	-3882 May 11 j 20:15	9°♈39'31	
morning set	-3882 May 12 j 04:35	10°♈22'54	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3882 May 19 j 10:01	25°♈44'21	1°11'23
minimum elong	-3882 May 19 j 07:26	25°♈30'38	1°11'03
	-3882 May 21 j 10:28	0°♉	
max. Earth dist.	-3882 May 22 j 02:10	1°♉22'04	1.34078 AU
evening rise	-3882 May 27 j 05:17	11°♉46'48	
	-3882 Jun 06 j 03:08	0°♊	
desc. node	-3882 Jun 23 j 05:19	25°♊18'35	
	-3882 Jun 27 j 05:26	0°♋	
evening max el	-3882 Jun 30 j 12:34	3°♋24'19	27°16'48
retrograde	-3882 Jul 13 j 23:43	10°♋48'11	
evening set	-3882 Jul 21 j 00:29	8°♋02'25	
min. Earth dist.	-3882 Jul 24 j 17:57	4°♋30'01	0.64559 AU
inferior conj	-3882 Jul 27 j 00:01	2°♋01'22	-3°-23'-59
minimum elong	-3882 Jul 27 j 03:50	1°♋50'51	3°22'52
	-3882 Jul 28 j 21:24	30°℞♊	
morning rise	-3882 Aug 02 j 08:47	26°♊31'00	
direct	-3882 Aug 05 j 01:46	25°♊52'31	
asc. node	-3882 Aug 07 j 19:38	26°♊31'49	
morning max el	-3882 Aug 11 j 14:12	29°♊21'58	18°07'09
	-3882 Aug 12 j 04:50	0°♋	
morning set	-3882 Aug 29 j 11:55	26°♋36'38	
	-3882 Aug 31 j 12:14	0°♌	
superior conj	-3882 Sep 12 j 03:41	19°♌09'52	0°43'54
minimum elong	-3882 Sep 12 j 08:30	19°♌29'16	0°43'24
max. Earth dist.	-3882 Sep 16 j 11:20	26°♌03'59	1.44438 AU
	-3882 Sep 18 j 23:01	0°♍	
desc. node	-3882 Sep 19 j 04:44	0°♍22'30	
evening rise	-3882 Sep 28 j 17:43	15°♍15'40	
	-3882 Oct 08 j 08:03	0°♎	
greatest brilliancy	-3882 Oct 17 j 07:26	13°♎13'30	-0.6m
evening max el	-3882 Oct 24 j 14:44	22°♎20'53	19°59'24
retrograde	-3882 Nov 01 j 05:20	26°♎47'53	
asc. node	-3882 Nov 03 j 18:33	26°♎10'07	
evening set	-3882 Nov 04 j 17:54	25°♎35'32	
inferior conj	-3882 Nov 10 j 07:16	19°♎31'43	2°06'29
minimum elong	-3882 Nov 10 j 04:39	19°♎40'22	2°05'30
min. Earth dist.	-3882 Nov 11 j 05:03	18°♎19'27	0.66564 AU
morning rise	-3882 Nov 15 j 14:46	13°♎16'02	
direct	-3882 Nov 21 j 10:32	10°♎43'45	
morning max el	-3882 Dec 03 j 07:22	17°♎46'29	25°14'55
	-3882 Dec 13 j 14:35	0°♏	
desc. node	-3882 Dec 16 j 04:30	3°♏29'48	
	-3881 Jan 02 j 10:55	0°♐	
morning set	-3881 Jan 08 j 11:38	10°♐29'27	
max. Earth dist.	-3881 Jan 12 j 06:20	17°♐25'05	1.36714 AU

superior conj	-3881 Jan 18 j 08:08	29°♐06'54	-1°-40'-50
minimum elong	-3881 Jan 18 j 11:05	29°♐21'31	1°40'45
	-3881 Jan 18 j 18:51	0°♑	
evening rise	-3881 Jan 26 j 13:40	15°♑41'33	
asc. node	-3881 Jan 30 j 17:38	23°♑54'31	
	-3881 Feb 03 j 01:05	0°♒	
evening max el	-3881 Feb 12 j 22:45	13°♒42'45	19°38'52
retrograde	-3881 Feb 22 j 11:58	18°♒14'39	
evening set	-3881 Feb 24 j 19:28	17°♒59'56	
inferior conj	-3881 Mar 05 j 07:26	13°♒56'04	2°18'14
minimum elong	-3881 Mar 05 j 12:17	13°♒48'21	2°16'44
min. Earth dist.	-3881 Mar 07 j 20:20	12°♒19'45	0.56151 AU
morning rise	-3881 Mar 14 j 01:37	9°♒15'17	
desc. node	-3881 Mar 14 j 03:39	9°♒13'39	
direct	-3881 Mar 18 j 11:09	8°♒31'50	
morning max el	-3881 Apr 01 j 10:44	15°♒34'56	24°28'41
	-3881 Apr 12 j 21:55	0°♓	
morning set	-3881 Apr 26 j 16:44	25°♓24'44	
asc. node	-3881 Apr 28 j 17:13	29°♓41'49	
	-3881 Apr 28 j 20:36	0°♈	

superior conj	-3881 May 03 j 18:35	10°♈37'47	0°50'28
minimum elong	-3881 May 03 j 16:32	10°♈26'43	0°50'07
max. Earth dist.	-3881 May 05 j 07:55	13°♈59'06	1.33227 AU
evening rise	-3881 May 11 j 03:35	26°♈10'21	
	-3881 May 13 j 01:30	0°♉	
	-3881 May 30 j 13:25	0°♊	
desc. node	-3881 Jun 10 j 02:25	13°♊27'11	
evening max el	-3881 Jun 12 j 22:08	16°♊20'05	27°24'21
retrograde	-3881 Jun 26 j 16:54	23°♊43'33	
evening set	-3881 Jul 03 j 20:18	21°♊10'49	
min. Earth dist.	-3881 Jul 07 j 10:28	18°♊09'03	0.62930 AU
inferior conj	-3881 Jul 10 j 06:06	15°♊22'21	-3°-58'-12
minimum elong	-3881 Jul 10 j 09:21	15°♊14'20	3°57'34
morning rise	-3881 Jul 17 j 00:34	10°♊10'45	
direct	-3881 Jul 19 j 14:11	9°♊39'46	
asc. node	-3881 Jul 25 j 16:41	12°♊34'29	
morning max el	-3881 Jul 26 j 05:02	13°♊03'57	17°56'16
	-3881 Aug 06 j 18:09	0°♋	
morning set	-3881 Aug 11 j 17:44	8°♋45'52	
superior conj	-3881 Aug 23 j 11:13	29°♋04'40	1°19'36
minimum elong	-3881 Aug 23 j 16:47	29°♋28'02	1°19'11
	-3881 Aug 24 j 00:25	0°♌	
max. Earth dist.	-3881 Aug 30 j 01:47	9°♌58'05	1.43369 AU
desc. node	-3881 Sep 06 j 01:42	21°♌05'45	
evening rise	-3881 Sep 07 j 21:50	23°♌57'45	
	-3881 Sep 11 j 19:52	0°♍	
greatest brilliancy	-3881 Oct 02 j 04:07	29°♍24'29	-0.5m
	-3881 Oct 02 j 15:14	0°♎	
evening max el	-3881 Oct 07 j 14:51	5°♎47'21	21°05'32
retrograde	-3881 Oct 16 j 02:15	10°♎48'22	
evening set	-3881 Oct 20 j 01:33	9°♎19'14	
asc. node	-3881 Oct 21 j 15:38	7°♎53'50	
inferior conj	-3881 Oct 25 j 11:44	3°♎06'15	1°17'19
minimum elong	-3881 Oct 25 j 10:01	3°♎12'06	1°16'36
min. Earth dist.	-3881 Oct 25 j 22:08	2°♎30'38	0.67144 AU
	-3881 Oct 27 j 19:32	30°℞♍	
morning rise	-3881 Oct 30 j 18:07	26°♍49'00	
direct	-3881 Nov 04 j 22:32	24°♍36'33	
	-3881 Nov 14 j 15:22	0°♎	
morning max el	-3881 Nov 15 j 16:08	1°♎00'53	23°50'42
desc. node	-3881 Dec 03 j 01:29	23°♎15'55	
	-3881 Dec 07 j 14:25	0°♏	
morning set	-3881 Dec 21 j 01:29	21°♏38'19	
max. Earth dist.	-3881 Dec 25 j 02:28	28°♏39'38	1.38703 AU
	-3881 Dec 25 j 20:33	0°♐	

superior conj	-3880 Jan 01 j 10:12	12°♐03'47	-1°-52'-23
minimum elong	-3880 Jan 01 j 11:51	12°♐11'34	1°52'29
evening rise	-3880 Jan 10 j 10:38	29°♐31'25	
	-3880 Jan 10 j 16:30	0°♑	
asc. node	-3880 Jan 17 j 14:40	13°♑00'14	
evening max el	-3880 Jan 26 j 21:13	26°♑00'33	18°48'32
retrograde	-3880 Feb 04 j 00:36	29°♑56'10	
evening set	-3880 Feb 06 j 10:40	29°♑36'44	
inferior conj	-3880 Feb 14 j 05:40	25°♑15'19	3°26'25
minimum elong	-3880 Feb 14 j 09:49	25°♑07'41	3°25'31
min. Earth dist.	-3880 Feb 17 j 12:18	22°♑51'53	0.57739 AU
morning rise	-3880 Feb 22 j 05:16	20°♑05'47	
direct	-3880 Feb 27 j 20:07	18°♑49'09	
desc. node	-3880 Feb 29 j 00:44	18°♑52'37	
morning max el	-3880 Mar 13 j 02:09	26°♑14'26	25°59'04
	-3880 Mar 16 j 15:37	0°♒	
	-3880 Apr 05 j 00:23	0°♓	
morning set	-3880 Apr 10 j 04:32	10°♓26'13	
asc. node	-3880 Apr 14 j 14:12	19°♓52'13	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3880 Apr 17 j 05:37	25°♓38'26	0°27'17
minimum elong	-3880 Apr 17 j 04:26	25°♓31'59	0°27'02
max. Earth dist.	-3880 Apr 17 j 19:29	26°♓54'11	1.32729 AU
	-3880 Apr 19 j 05:36	0°♈	
evening rise	-3880 Apr 24 j 08:32	10°♈53'48	
	-3880 May 04 j 07:56	0°♉	
evening max el	-3880 May 25 j 03:24	28°♉40'07	26°59'12
desc. node	-3880 May 26 j 23:29	0°♊20'19	
	-3880 May 26 j 14:10	0°♊	
retrograde	-3880 Jun 08 j 02:53	6°♊00'49	
evening set	-3880 Jun 14 j 23:11	3°♊54'45	
min. Earth dist.	-3880 Jun 18 j 16:55	1°♊11'17	0.61009 AU
	-3880 Jun 20 j 02:23	30°℞♉	
inferior conj	-3880 Jun 21 j 23:09	28°♉21'58	-4°-17'-48
minimum elong	-3880 Jun 22 j 00:30	28°♉19'03	4°17'37
morning rise	-3880 Jun 29 j 04:46	23°♉31'46	
direct	-3880 Jul 01 j 16:48	23°♉06'27	
morning max el	-3880 Jul 08 j 18:03	26°♉34'59	18°04'14
asc. node	-3880 Jul 11 j 13:44	29°♉45'38	
	-3880 Jul 11 j 18:12	0°♊	
morning set	-3880 Jul 24 j 17:31	21°♊47'18	
	-3880 Jul 29 j 04:18	0°♋	
superior conj	-3880 Aug 03 j 22:13	10°♋21'18	1°40'43
minimum elong	-3880 Aug 04 j 01:34	10°♋36'06	1°40'41
max. Earth dist.	-3880 Aug 11 j 11:08	23°♋18'34	1.41773 AU
	-3880 Aug 15 j 12:42	0°♌	
evening rise	-3880 Aug 17 j 10:58	3°♌06'21	
desc. node	-3880 Aug 22 j 22:41	11°♌44'01	
	-3880 Sep 04 j 05:54	0°♍	
greatest brilliancy	-3880 Sep 14 j 15:16	13°♍53'24	-0.3m
evening max el	-3880 Sep 19 j 08:48	19°♍12'54	22°21'28
retrograde	-3880 Sep 28 j 21:26	24°♍52'23	
evening set	-3880 Oct 03 j 09:31	23°♍04'18	
asc. node	-3880 Oct 07 j 12:45	18°♍26'02	
inferior conj	-3880 Oct 08 j 18:06	16°♍45'31	0°25'06
minimum elong	-3880 Oct 08 j 17:31	16°♍47'32	0°24'53
min. Earth dist.	-3880 Oct 08 j 18:00	16°♍45'52	0.67413 AU
morning rise	-3880 Oct 14 j 01:23	10°♍29'31	
direct	-3880 Oct 18 j 14:44	8°♍38'55	
morning max el	-3880 Oct 28 j 03:42	14°♍19'24	22°24'34
greatest brilliancy	-3880 Nov 01 j 20:32	19°♍37'35	-0.3m
	-3880 Nov 09 j 17:08	0°♎	
desc. node	-3880 Nov 18 j 22:27	13°♎23'58	
	-3880 Nov 29 j 14:27	0°♏	
morning set	-3880 Nov 30 j 11:06	1°♏23'28	
max. Earth dist.	-3880 Dec 06 j 00:23	10°♏34'50	1.40771 AU
superior conj	-3880 Dec 13 j 18:35	24°♏04'55	-1°-54'-21
minimum elong	-3880 Dec 13 j 17:28	23°♏59'55	1°54'28
	-3880 Dec 17 j 00:54	0°♐	
evening rise	-3880 Dec 23 j 21:38	12°♐47'11	
	-3879 Jan 02 j 12:14	0°♑	
asc. node	-3879 Jan 03 j 11:44	1°♑32'15	
evening max el	-3879 Jan 09 j 03:10	8°♑45'21	18°18'15
retrograde	-3879 Jan 16 j 07:47	12°♑20'20	
evening set	-3879 Jan 18 j 20:32	11°♑54'45	
inferior conj	-3879 Jan 26 j 00:21	7°♑11'49	3°58'08
minimum elong	-3879 Jan 26 j 01:48	7°♑08'41	3°57'53
min. Earth dist.	-3879 Jan 29 j 08:34	4°♑21'21	0.59691 AU
morning rise	-3879 Feb 02 j 03:58	1°♑39'40	
	-3879 Feb 06 j 07:05	30°℞♐	
direct	-3879 Feb 08 j 17:05	29°♐44'15	
	-3879 Feb 11 j 04:05	0°♑	
desc. node	-3879 Feb 14 j 21:49	1°♑20'19	
morning max el	-3879 Feb 22 j 22:28	7°♑21'35	27°06'04
	-3879 Mar 12 j 00:07	0°♒	
morning set	-3879 Mar 25 j 14:14	25°♒20'11	
	-3879 Mar 27 j 19:23	0°♓	
asc. node	-3879 Apr 01 j 11:12	10°♓05'39	
superior conj	-3879 Apr 01 j 17:22	10°♓39'26	0°02'42
minimum elong	-3879 Apr 01 j 17:15	10°♓38'47	0°02'37
behind sun begin	-3879 Apr 01 j 12:18	10°♓11'42	
behind sun end	-3879 Apr 01 j 22:12	11°♓05'52	
max. Earth dist.	-3879 Apr 01 j 09:01	9°♓53'44	1.32562 AU
evening rise	-3879 Apr 08 j 17:38	25°♓47'56	
	-3879 Apr 10 j 18:24	0°♈	
	-3879 Apr 28 j 06:59	0°♉	
evening max el	-3879 May 07 j 02:21	10°♉17'16	26°02'24
desc. node	-3879 May 13 j 20:35	15°♉27'26	
retrograde	-3879 May 21 j 04:24	17°♉33'41	
evening set	-3879 May 27 j 05:23	16°♉04'19	
min. Earth dist.	-3879 May 31 j 14:56	13°♉22'07	0.58963 AU
inferior conj	-3879 Jun 03 j 23:33	10°♉50'53	-4°-14'-38
minimum elong	-3879 Jun 03 j 21:37	10°♉54'32	4°14'25
morning rise	-3879 Jun 11 j 17:41	6°♉23'07	
direct	-3879 Jun 14 j 05:06	6°♉02'22	
morning max el	-3879 Jun 22 j 02:26	9°♉47'18	18°31'56
asc. node	-3879 Jun 28 j 10:47	17°♉50'39	
	-3879 Jul 05 j 09:35	0°♊	
morning set	-3879 Jul 08 j 06:32	5°♊28'58	
superior conj	-3879 Jul 17 j 08:23	22°♊48'16	1°48'50
minimum elong	-3879 Jul 17 j 09:03	22°♊51'25	1°48'59
	-3879 Jul 21 j 06:44	0°♋	
max. Earth dist.	-3879 Jul 24 j 14:48	5°♋54'37	1.39870 AU
evening rise	-3879 Jul 28 j 23:27	13°♋21'57	
	-3879 Aug 08 j 08:38	0°♌	
desc. node	-3879 Aug 09 j 19:42	2°♌13'24	
	-3879 Aug 30 j 09:37	0°♍	
evening max el	-3879 Sep 01 j 21:55	2°♍39'27	23°42'04
retrograde	-3879 Sep 12 j 13:42	8°♍57'12	
evening set	-3879 Sep 17 j 16:06	6°♍49'25	
min. Earth dist.	-3879 Sep 22 j 14:16	1°♍03'43	0.67379 AU
inferior conj	-3879 Sep 23 j 00:36	0°♍28'24	0°-28'-25
minimum elong	-3879 Sep 23 j 01:16	0°♍26'08	0°28'04
	-3879 Sep 23 j 08:57	30°℞♌	
asc. node	-3879 Sep 24 j 09:52	28°♌36'22	
morning rise	-3879 Sep 28 j 10:35	24°♌16'33	
direct	-3879 Oct 02 j 10:19	22°♌46'55	
morning max el	-3879 Oct 10 j 21:03	27°♌45'17	21°04'14
	-3879 Oct 12 j 22:45	0°♍	
greatest brilliancy	-3879 Oct 16 j 11:34	4°♍19'02	-0.5m
	-3879 Nov 03 j 07:55	0°♎	
desc. node	-3879 Nov 05 j 19:26	3°♎47'46	
morning set	-3879 Nov 09 j 18:49	9°♎57'38	
max. Earth dist.	-3879 Nov 18 j 04:35	23°♎22'30	1.42623 AU
	-3879 Nov 22 j 05:01	0°♏	
superior conj	-3879 Nov 25 j 03:37	4°♏57'06	-1°-42'-57
minimum elong	-3879 Nov 24 j 22:45	4°♏36'27	1°42'45
evening rise	-3879 Dec 06 j 18:57	25°♏21'22	
	-3879 Dec 09 j 09:09	0°♐	
asc. node	-3879 Dec 21 j 08:48	19°♐20'26	
evening max el	-3879 Dec 23 j 13:55	21°♐50'03	18°07'51
retrograde	-3879 Dec 30 j 06:17	25°♐18'00	
evening set	-3878 Jan 01 j 21:47	24°♐45'18	
inferior conj	-3878 Jan 08 j 13:09	19°♐40'42	4°01'07
minimum elong	-3878 Jan 08 j 12:06	19°♐43'19	4°00'54
min. Earth dist.	-3878 Jan 11 j 12:24	16°♐46'50	0.61687 AU
morning rise	-3878 Jan 15 j 00:04	13°♐52'50	
direct	-3878 Jan 22 j 00:17	11°♐24'41	
desc. node	-3878 Feb 01 j 18:55	16°♐12'39	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3878 Feb 05 j 01:04	19°♐08'26	27°39'36
	-3878 Feb 14 j 07:28	0°♑	
	-3878 Mar 04 j 18:22	0°♒	
morning set	-3878 Mar 09 j 19:50	9°♒59'24	
max. Earth dist.	-3878 Mar 15 j 20:35	22°♒43'24	1.32737 AU
superior conj	-3878 Mar 17 j 04:12	25°♒34'56	0°-22'-28
minimum elong	-3878 Mar 17 j 05:13	25°♒40'27	0°22'22
asc. node	-3878 Mar 19 j 08:12	0°♓18'06	
	-3878 Mar 19 j 04:53	0°♓	
evening rise	-3878 Mar 24 j 04:53	10°♓45'31	
	-3878 Apr 03 j 03:35	0°♈	
evening max el	-3878 Apr 18 j 19:43	21°♈17'18	24°41'04
desc. node	-3878 Apr 30 j 17:43	28°♈11'50	
retrograde	-3878 May 02 j 19:19	28°♈21'45	
evening set	-3878 May 07 j 14:19	27°♈29'35	
min. Earth dist.	-3878 May 13 j 07:50	24°♈32'28	0.57082 AU
inferior conj	-3878 May 16 j 04:20	22°♈40'41	-3°-38'-22
minimum elong	-3878 May 15 j 23:06	22°♈49'16	3°37'20
morning rise	-3878 May 24 j 12:04	18°♈32'22	
direct	-3878 May 26 j 23:15	18°♈15'14	
morning max el	-3878 Jun 05 j 03:17	22°♈31'14	19°19'55
	-3878 Jun 11 j 06:31	0°♉	
asc. node	-3878 Jun 15 j 07:50	6°♉36'45	
morning set	-3878 Jun 22 j 05:00	19°♉40'59	
	-3878 Jun 27 j 09:00	0°♊	
superior conj	-3878 Jun 30 j 11:50	6°♊08'38	1°46'46
minimum elong	-3878 Jun 30 j 10:32	6°♊02'17	1°46'52
max. Earth dist.	-3878 Jul 06 j 16:18	17°♊52'25	1.37929 AU
evening rise	-3878 Jul 10 j 13:58	24°♊54'07	
	-3878 Jul 13 j 12:27	0°♋	
desc. node	-3878 Jul 27 j 16:43	22°♋28'30	
	-3878 Aug 01 j 23:56	0°♌	
evening max el	-3878 Aug 15 j 08:46	16°♌08'55	25°00'35
retrograde	-3878 Aug 27 j 01:57	22°♌58'12	
evening set	-3878 Sep 01 j 19:26	20°♌32'07	
min. Earth dist.	-3878 Sep 06 j 08:30	15°♌21'59	0.67039 AU
inferior conj	-3878 Sep 07 j 05:32	14°♌12'30	-1°-21'-39
minimum elong	-3878 Sep 07 j 07:27	14°♌06'12	1°20'46
asc. node	-3878 Sep 11 j 07:00	9°♌23'17	
morning rise	-3878 Sep 12 j 19:53	8°♌07'56	
direct	-3878 Sep 16 j 08:04	6°♌56'42	
morning max el	-3878 Sep 23 j 21:32	11°♌19'11	19°54'59
greatest brilliancy	-3878 Oct 01 j 13:42	20°♌53'37	-0.6m
	-3878 Oct 07 j 19:41	0°♍	
morning set	-3878 Oct 19 j 17:01	18°♍10'52	
desc. node	-3878 Oct 23 j 16:24	24°♍21'51	
	-3878 Oct 27 j 06:41	0°♎	
max. Earth dist.	-3878 Oct 31 j 15:39	6°♎55'35	1.44004 AU
superior conj	-3878 Nov 05 j 09:14	14°♎31'50	-1°-15'-6
minimum elong	-3878 Nov 05 j 02:12	14°♎03'19	1°14'24
	-3878 Nov 14 j 17:56	0°♏	
evening rise	-3878 Nov 18 j 22:01	7°♏04'12	
	-3878 Dec 02 j 22:31	0°♐	
evening max el	-3878 Dec 07 j 02:36	5°♐07'26	18°16'40
asc. node	-3878 Dec 08 j 05:53	6°♐11'56	
retrograde	-3878 Dec 13 j 15:40	8°♐39'55	
evening set	-3878 Dec 16 j 10:52	7°♐58'42	
inferior conj	-3878 Dec 22 j 16:19	2°♐33'58	3°43'55
minimum elong	-3878 Dec 22 j 13:43	2°♐41'07	3°43'23
min. Earth dist.	-3878 Dec 25 j 01:41	29°♏56'42	0.63487 AU
	-3878 Dec 25 j 00:27	30°℞♏	
morning rise	-3878 Dec 28 j 14:57	26°♏34'58	
direct	-3877 Jan 04 j 15:30	23°♏48'14	
	-3877 Jan 16 j 17:19	0°♐	
morning max el	-3877 Jan 18 j 08:20	1°♐32'39	27°36'52
desc. node	-3877 Jan 19 j 16:00	2°♐53'11	
	-3877 Feb 08 j 10:57	0°♑	
morning set	-3877 Feb 21 j 18:55	24°♑15'32	
	-3877 Feb 24 j 14:51	0°♒	
max. Earth dist.	-3877 Feb 27 j 02:20	5°♒10'15	1.33293 AU
superior conj	-3877 Mar 01 j 12:23	10°♒18'59	0°-47'-17
minimum elong	-3877 Mar 01 j 14:28	10°♒30'05	0°47'02
asc. node	-3877 Mar 06 j 05:13	20°♒25'29	
evening rise	-3877 Mar 08 j 16:30	25°♒40'17	
	-3877 Mar 10 j 18:36	0°♓	
	-3877 Mar 29 j 12:24	0°♈	
evening max el	-3877 Mar 31 j 11:57	2°♈01'03	23°07'43
retrograde	-3877 Apr 13 j 21:22	8°♈37'15	
evening set	-3877 Apr 17 j 08:54	8°♈10'46	
desc. node	-3877 Apr 17 j 14:50	8°♈06'58	
min. Earth dist.	-3877 Apr 24 j 22:31	4°♈47'16	0.55719 AU
inferior conj	-3877 Apr 26 j 13:51	3°♈49'46	-2°-21'-48
minimum elong	-3877 Apr 26 j 08:16	3°♈57'58	2°20'11
	-3877 May 04 j 20:31	30°℞♓	
morning rise	-3877 May 05 j 10:35	29°♓52'11	
direct	-3877 May 07 j 23:25	29°♓36'39	
	-3877 May 11 j 00:05	0°♈	
morning max el	-3877 May 18 j 18:09	4°♈37'58	20°28'03
asc. node	-3877 Jun 02 j 04:52	25°♈54'08	
	-3877 Jun 04 j 07:12	0°♉	
morning set	-3877 Jun 06 j 10:05	4°♉16'16	
superior conj	-3877 Jun 14 j 03:44	20°♉08'52	1°37'08
minimum elong	-3877 Jun 14 j 01:22	19°♉56'47	1°37'03
max. Earth dist.	-3877 Jun 18 j 22:33	29°♉39'19	1.36179 AU
	-3877 Jun 19 j 02:49	0°♊	
evening rise	-3877 Jun 23 j 02:35	7°♊33'31	
	-3877 Jul 06 j 05:51	0°♋	
desc. node	-3877 Jul 14 j 13:44	12°♋22'53	
evening max el	-3877 Jul 28 j 19:46	29°♋40'54	26°08'54
	-3877 Jul 29 j 03:39	0°♌	
retrograde	-3877 Aug 10 j 09:29	6°♌50'46	
evening set	-3877 Aug 16 j 17:30	4°♌10'30	
	-3877 Aug 20 j 15:14	30°℞♋	
min. Earth dist.	-3877 Aug 20 j 22:14	29°♋38'25	0.66372 AU
inferior conj	-3877 Aug 22 j 07:04	27°♋55'47	-2°-12'-49
minimum elong	-3877 Aug 22 j 10:03	27°♋46'26	2°11'36
morning rise	-3877 Aug 28 j 03:22	22°♋01'53	
asc. node	-3877 Aug 29 j 04:08	21°♋30'57	
direct	-3877 Aug 31 j 06:20	21°♋05'48	
morning max el	-3877 Sep 07 j 04:44	25°♋00'38	19°00'07
	-3877 Sep 11 j 09:18	0°♌	
morning set	-3877 Sep 29 j 05:07	27°♌09'51	
	-3877 Oct 01 j 00:13	0°♍	
desc. node	-3877 Oct 10 j 13:20	15°♍02'31	
max. Earth dist.	-3877 Oct 14 j 08:05	20°♍59'57	1.44745 AU
superior conj	-3877 Oct 15 j 15:18	23°♍03'09	0°-31'-53
minimum elong	-3877 Oct 15 j 11:13	22°♍47'01	0°31'21
	-3877 Oct 20 j 00:35	0°♎	
evening rise	-3877 Oct 31 j 02:17	17°♎46'58	
	-3877 Nov 07 j 14:51	0°♏	
evening max el	-3877 Nov 20 j 14:30	18°♏31'30	18°43'37
asc. node	-3877 Nov 25 j 02:59	21°♏51'30	
retrograde	-3877 Nov 27 j 08:02	22°♏18'22	
evening set	-3877 Nov 30 j 08:27	21°♏26'50	
inferior conj	-3877 Dec 06 j 06:09	15°♏44'18	3°12'59
minimum elong	-3877 Dec 06 j 03:00	15°♏53'48	3°12'05
min. Earth dist.	-3877 Dec 08 j 00:41	13°♏36'20	0.64963 AU
morning rise	-3877 Dec 11 j 20:27	9°♏36'59	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3877 Dec 18 j 13:17	6°♏47'02	
morning max el	-3877 Dec 31 j 17:43	14°♏24'05	27°01'01
desc. node	-3876 Jan 06 j 13:02	20°♏50'25	
	-3876 Jan 13 j 12:43	0°♐	
	-3876 Feb 01 j 02:33	0°♑	
morning set	-3876 Feb 05 j 08:13	7°♑57'15	
max. Earth dist.	-3876 Feb 09 j 22:37	17°♑03'44	1.34278 AU
superior conj	-3876 Feb 13 j 15:50	24°♑43'48	-1°-10'-40
minimum elong	-3876 Feb 13 j 18:43	24°♑58'52	1°10'22
	-3876 Feb 16 j 03:57	0°♒	
evening rise	-3876 Feb 21 j 02:39	10°♒24'59	
asc. node	-3876 Feb 21 j 02:12	10°♒22'41	
	-3876 Mar 02 j 11:12	0°♓	
evening max el	-3876 Mar 12 j 08:54	12°♓53'26	21°36'00
retrograde	-3876 Mar 24 j 12:34	18°♓44'35	
evening set	-3876 Mar 27 j 03:14	18°♓29'13	
desc. node	-3876 Apr 03 j 11:57	15°♓32'37	
inferior conj	-3876 Apr 05 j 10:34	14°♓27'51	0°-32'-19
minimum elong	-3876 Apr 05 j 09:03	14°♓29'59	0°31'51
min. Earth dist.	-3876 Apr 05 j 12:23	14°♓25'19	0.55164 AU
morning rise	-3876 Apr 14 j 15:14	10°♓26'10	
direct	-3876 Apr 17 j 12:26	10°♓07'50	
morning max el	-3876 Apr 29 j 21:56	16°♓01'48	21°54'12
	-3876 May 10 j 16:17	0°♈	
asc. node	-3876 May 19 j 01:51	15°♈33'51	
morning set	-3876 May 20 j 19:25	19°♈06'55	
	-3876 May 25 j 23:39	0°♉	
superior conj	-3876 May 28 j 04:16	4°♉36'42	1°21'59
minimum elong	-3876 May 28 j 01:35	4°♉22'38	1°21'44
max. Earth dist.	-3876 May 31 j 13:58	11°♉39'01	1.34745 AU
evening rise	-3876 Jun 05 j 07:46	21°♉03'51	
	-3876 Jun 10 j 02:27	0°♊	
	-3876 Jun 29 j 02:27	0°♋	
desc. node	-3876 Jun 30 j 10:46	1°♋47'12	
evening max el	-3876 Jul 10 j 07:14	13°♋07'48	26°59'01
retrograde	-3876 Jul 23 j 11:44	20°♋28'13	
evening set	-3876 Jul 30 j 07:53	17°♋41'18	
min. Earth dist.	-3876 Aug 03 j 05:03	13°♋48'01	0.65336 AU
inferior conj	-3876 Aug 05 j 03:04	11°♋34'42	-2°-59'-50
minimum elong	-3876 Aug 05 j 06:46	11°♋23'58	2°58'36
morning rise	-3876 Aug 11 j 06:52	5°♋54'53	
direct	-3876 Aug 14 j 02:55	5°♋10'46	
asc. node	-3876 Aug 15 j 01:13	5°♋15'29	
morning max el	-3876 Aug 20 j 16:55	8°♋46'40	18°21'33
	-3876 Sep 04 j 06:55	0°♌	
morning set	-3876 Sep 08 j 19:46	7°♌27'12	
	-3876 Sep 22 j 18:39	0°♍	
superior conj	-3876 Sep 23 j 15:26	1°♍22'26	0°17'39
minimum elong	-3876 Sep 23 j 17:40	1°♍31'18	0°17'26
max. Earth dist.	-3876 Sep 26 j 02:34	5°♍16'17	1.44757 AU
desc. node	-3876 Sep 26 j 10:16	5°♍46'43	
evening rise	-3876 Oct 10 j 05:45	27°♍26'52	
	-3876 Oct 11 j 20:53	0°♎	
greatest brilliancy	-3876 Oct 24 j 19:22	19°♎57'03	-0.7m
	-3876 Nov 01 j 04:35	0°♏	
evening max el	-3876 Nov 02 j 23:10	1°♏58'03	19°27'21
retrograde	-3876 Nov 10 j 04:11	6°♏08'15	
asc. node	-3876 Nov 11 j 00:06	6°♏04'17	
evening set	-3876 Nov 13 j 11:44	5°♏04'06	
	-3876 Nov 18 j 11:03	30°℞♎	
inferior conj	-3876 Nov 19 j 03:36	29°♎06'53	2°32'43
minimum elong	-3876 Nov 19 j 00:39	29°♎16'26	2°31'41
min. Earth dist.	-3876 Nov 20 j 08:25	27°♎33'59	0.66077 AU
morning rise	-3876 Nov 24 j 12:48	22°♎53'35	
direct	-3876 Nov 30 j 16:54	20°♎12'37	
morning max el	-3876 Dec 13 j 03:12	27°♎31'29	25°59'02
	-3876 Dec 15 j 11:43	0°♏	
desc. node	-3876 Dec 23 j 10:02	9°♏41'46	
	-3875 Jan 06 j 05:00	0°♐	
morning set	-3875 Jan 18 j 07:34	20°♐52'10	
max. Earth dist.	-3875 Jan 22 j 07:27	28°♐25'01	1.35707 AU
	-3875 Jan 23 j 03:03	0°♑	
superior conj	-3875 Jan 27 j 12:06	8°♑41'56	-1°-31'-8
minimum elong	-3875 Jan 27 j 15:16	8°♑57'58	1°30'56
evening rise	-3875 Feb 04 j 09:29	24°♑53'36	
asc. node	-3875 Feb 06 j 23:13	0°♒04'51	
	-3875 Feb 06 j 22:14	0°♒	
evening max el	-3875 Feb 22 j 15:10	24°♒15'05	20°16'33
retrograde	-3875 Mar 05 j 03:28	29°♒14'49	
evening set	-3875 Mar 07 j 10:52	29°♒01'23	
inferior conj	-3875 Mar 16 j 07:53	25°♒02'27	1°22'20
minimum elong	-3875 Mar 16 j 11:20	24°♒57'18	1°21'06
min. Earth dist.	-3875 Mar 18 j 02:22	23°♒59'22	0.55541 AU
desc. node	-3875 Mar 21 j 09:04	22°♒11'48	
morning rise	-3875 Mar 25 j 09:26	20°♒38'56	
direct	-3875 Mar 29 j 02:29	20°♒08'52	
morning max el	-3875 Apr 11 j 16:48	26°♒50'44	23°31'50
	-3875 Apr 14 j 17:39	0°♓	
	-3875 May 03 j 07:18	0°♈	
morning set	-3875 May 05 j 07:02	4°♈06'39	
asc. node	-3875 May 05 j 22:50	5°♈29'34	
superior conj	-3875 May 12 j 10:34	19°♈23'12	1°02'51
minimum elong	-3875 May 12 j 08:10	19°♈10'19	1°02'29
max. Earth dist.	-3875 May 14 j 15:00	24°♈02'20	1.33676 AU
	-3875 May 17 j 11:31	0°♉	
evening rise	-3875 May 20 j 00:55	5°♉11'16	
	-3875 Jun 02 j 18:31	0°♊	
desc. node	-3875 Jun 17 j 07:50	20°♊28'30	
evening max el	-3875 Jun 22 j 17:56	26°♊17'59	27°23'42
	-3875 Jun 27 j 02:11	0°♋	
retrograde	-3875 Jul 06 j 08:28	3°♋42'02	
evening set	-3875 Jul 13 j 11:33	0°♋59'48	
	-3875 Jul 14 j 16:58	30°℞♊	
min. Earth dist.	-3875 Jul 17 j 02:57	27°♊41'55	0.63913 AU
inferior conj	-3875 Jul 19 j 15:03	25°♊03'58	-3°-39'-54
minimum elong	-3875 Jul 19 j 18:46	24°♊54'11	3°38'58
morning rise	-3875 Jul 26 j 03:49	19°♊41'32	
direct	-3875 Jul 28 j 19:10	19°♊06'30	
asc. node	-3875 Aug 01 j 22:17	20°♊31'49	
morning max el	-3875 Aug 04 j 07:38	22°♊32'18	18°00'19
	-3875 Aug 10 j 03:09	0°♋	
morning set	-3875 Aug 21 j 12:41	18°♋59'27	
	-3875 Aug 27 j 23:32	0°♌	
superior conj	-3875 Sep 03 j 07:51	10°♌32'27	1°00'48
minimum elong	-3875 Sep 03 j 13:32	10°♌55'41	1°00'17
max. Earth dist.	-3875 Sep 08 j 19:17	19°♌23'33	1.44054 AU
desc. node	-3875 Sep 13 j 07:13	26°♌31'07	
	-3875 Sep 15 j 12:32	0°♍	
evening rise	-3875 Sep 19 j 13:53	6°♍18'00	
	-3875 Oct 05 j 06:47	0°♎	
greatest brilliancy	-3875 Oct 10 j 17:18	7°♎39'13	-0.6m
evening max el	-3875 Oct 17 j 02:37	15°♎24'06	20°26'04
retrograde	-3875 Oct 25 j 01:29	20°♎05'16	
evening set	-3875 Oct 28 j 18:20	18°♎46'01	
asc. node	-3875 Oct 28 j 21:13	18°♎40'45	
inferior conj	-3875 Nov 03 j 06:07	12°♎37'34	1°46'06
minimum elong	-3875 Nov 03 j 03:51	12°♎45'14	1°45'12
min. Earth dist.	-3875 Nov 03 j 22:51	11°♎41'10	0.66843 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3875 Nov 08 j 12:52	6°♎20'48	
direct	-3875 Nov 14 j 02:00	3°♎56'44	
morning max el	-3875 Nov 25 j 11:58	10°♎44'46	24°39'58
desc. node	-3875 Dec 10 j 07:00	29°♎10'50	
	-3875 Dec 10 j 20:51	0°♏	
	-3875 Dec 29 j 21:46	0°♐	
morning set	-3875 Dec 31 j 11:25	2°♐44'08	
max. Earth dist.	-3874 Jan 04 j 06:17	9°♐31'08	1.37530 AU
superior conj	-3874 Jan 10 j 21:55	22°♐03'34	-1°-46'-42
minimum elong	-3874 Jan 11 j 00:29	22°♐16'01	1°46'41
	-3874 Jan 14 j 22:45	0°♑	
evening rise	-3874 Jan 19 j 10:44	8°♑58'57	
asc. node	-3874 Jan 24 j 20:15	19°♑25'42	
	-3874 Jan 31 j 04:23	0°♒	
evening max el	-3874 Feb 05 j 08:03	6°♒12'49	19°15'01
retrograde	-3874 Feb 14 j 05:58	10°♒27'53	
evening set	-3874 Feb 16 j 14:11	10°♒11'33	
inferior conj	-3874 Feb 24 j 18:54	6°♒01'04	2°51'53
minimum elong	-3874 Feb 24 j 23:52	5°♒52'40	2°50'32
min. Earth dist.	-3874 Feb 27 j 17:27	4°♒02'39	0.56754 AU
morning rise	-3874 Mar 05 j 05:44	1°♒07'07	
desc. node	-3874 Mar 08 j 06:10	0°♒19'35	
direct	-3874 Mar 10 j 03:45	0°♒11'06	
morning max el	-3874 Mar 24 j 07:50	7°♒26'05	25°09'10
	-3874 Apr 09 j 21:10	0°♓	
morning set	-3874 Apr 19 j 19:16	19°♓09'31	
asc. node	-3874 Apr 22 j 19:49	25°♓36'11	
	-3874 Apr 24 j 20:28	0°♈	
superior conj	-3874 Apr 26 j 20:27	4°♈21'04	0°40'53
minimum elong	-3874 Apr 26 j 18:44	4°♈11'47	0°40'32
max. Earth dist.	-3874 Apr 27 j 23:32	6°♈48'07	1.32969 AU
evening rise	-3874 May 04 j 02:23	19°♈44'40	
	-3874 May 09 j 07:10	0°♉	
	-3874 May 28 j 02:31	0°♊	
desc. node	-3874 Jun 04 j 04:55	8°♊08'44	
evening max el	-3874 Jun 05 j 01:49	8°♊59'46	27°17'39
retrograde	-3874 Jun 18 j 23:03	16°♊23'08	
evening set	-3874 Jun 26 j 00:47	13°♊59'49	
min. Earth dist.	-3874 Jun 29 j 15:10	11°♊07'51	0.62137 AU
inferior conj	-3874 Jul 02 j 16:04	8°♊17'27	-4°-8'-46
minimum elong	-3874 Jul 02 j 18:41	8°♊11'17	4°08'20
morning rise	-3874 Jul 09 j 15:09	3°♊14'58	
direct	-3874 Jul 12 j 03:47	2°♊46'44	
morning max el	-3874 Jul 18 j 22:10	6°♊11'36	17°57'20
asc. node	-3874 Jul 19 j 19:20	7°♊06'09	
	-3874 Aug 03 j 06:14	0°♋	
morning set	-3874 Aug 04 j 02:51	1°♋33'00	
superior conj	-3874 Aug 15 j 03:27	21°♋03'45	1°30'18
minimum elong	-3874 Aug 15 j 08:16	21°♋24'24	1°30'03
	-3874 Aug 20 j 10:41	0°♌	
max. Earth dist.	-3874 Aug 22 j 07:22	3°♌03'56	1.42738 AU
evening rise	-3874 Aug 29 j 19:28	15°♌05'04	
desc. node	-3874 Aug 31 j 04:12	17°♌13'00	
	-3874 Sep 08 j 13:15	0°♍	
greatest brilliancy	-3874 Sep 25 j 00:13	23°♍06'16	-0.4m
evening max el	-3874 Sep 29 j 23:59	28°♍49'52	21°36'52
	-3874 Oct 01 j 04:37	0°♎	
retrograde	-3874 Oct 08 j 21:57	4°♎07'30	
evening set	-3874 Oct 13 j 02:20	2°♎30'41	
asc. node	-3874 Oct 15 j 18:20	29°♍49'50	
	-3874 Oct 15 j 14:56	30°℞♍	
inferior conj	-3874 Oct 18 j 11:39	26°♍14'41	0°55'24
minimum elong	-3874 Oct 18 j 10:24	26°♍19'01	0°54'54
min. Earth dist.	-3874 Oct 18 j 17:33	25°♍54'21	0.67294 AU
morning rise	-3874 Oct 23 j 18:10	19°♍57'19	
direct	-3874 Oct 28 j 16:00	17°♍54'01	
morning max el	-3874 Nov 07 j 21:32	24°♍00'37	23°13'40
greatest brilliancy	-3874 Nov 13 j 03:07	29°♍54'38	-0.3m
	-3874 Nov 13 j 04:52	0°♎	
desc. node	-3874 Nov 27 j 04:00	19°♎07'06	
	-3874 Dec 04 j 07:54	0°♏	
morning set	-3874 Dec 12 j 13:37	13°♏17'47	
max. Earth dist.	-3874 Dec 17 j 01:38	20°♏56'48	1.39587 AU
	-3874 Dec 22 j 04:19	0°♐	
superior conj	-3874 Dec 24 j 17:05	4°♐37'55	-1°-54'-36
minimum elong	-3874 Dec 24 j 17:45	4°♐40'56	1°54'45
evening rise	-3873 Jan 03 j 03:50	22°♐34'37	
	-3873 Jan 07 j 01:31	0°♑	
asc. node	-3873 Jan 11 j 17:19	8°♑18'05	
evening max el	-3873 Jan 19 j 10:03	18°♑43'03	18°33'16
retrograde	-3873 Jan 27 j 02:24	22°♑27'50	
evening set	-3873 Jan 29 j 13:36	22°♑06'00	
inferior conj	-3873 Feb 06 j 01:52	17°♑36'04	3°43'57
minimum elong	-3873 Feb 06 j 04:58	17°♑29'59	3°43'24
min. Earth dist.	-3873 Feb 09 j 11:06	14°♑57'55	0.58541 AU
morning rise	-3873 Feb 13 j 16:44	12°♑15'53	
direct	-3873 Feb 19 j 18:28	10°♑42'20	
desc. node	-3873 Feb 23 j 03:17	11°♑10'33	
morning max el	-3873 Mar 06 j 00:49	18°♑14'27	26°31'11
	-3873 Mar 15 j 20:57	0°♒	
	-3873 Apr 02 j 06:11	0°♓	
morning set	-3873 Apr 04 j 06:23	4°♓08'34	
asc. node	-3873 Apr 09 j 16:48	15°♓48'28	
superior conj	-3873 Apr 11 j 08:00	19°♓22'54	0°17'00
minimum elong	-3873 Apr 11 j 07:15	19°♓18'48	0°16'48
max. Earth dist.	-3873 Apr 11 j 12:13	19°♓46'02	1.32610 AU
	-3873 Apr 16 j 05:26	0°♈	
evening rise	-3873 Apr 18 j 09:22	4°♈33'51	
	-3873 May 02 j 01:41	0°♉	
evening max el	-3873 May 18 j 04:36	21°♉02'31	26°38'46
desc. node	-3873 May 22 j 02:02	24°♉21'30	
retrograde	-3873 Jun 01 j 05:57	28°♉22'07	
evening set	-3873 Jun 07 j 19:19	26°♉31'07	
min. Earth dist.	-3873 Jun 11 j 18:02	23°♉50'01	0.60135 AU
inferior conj	-3873 Jun 15 j 02:32	21°♉05'41	-4°-19'-53
minimum elong	-3873 Jun 15 j 02:37	21°♉05'31	4°19'47
morning rise	-3873 Jun 22 j 13:18	16°♉24'53	
direct	-3873 Jun 25 j 00:51	16°♉01'43	
morning max el	-3873 Jul 02 j 09:36	19°♉36'03	18°13'29
asc. node	-3873 Jul 06 j 16:23	24°♉42'04	
	-3873 Jul 10 j 03:05	0°♊	
morning set	-3873 Jul 18 j 08:50	14°♊53'07	
	-3873 Jul 26 j 11:08	0°♋	
superior conj	-3873 Jul 28 j 01:00	2°♋52'08	1°45'35
minimum elong	-3873 Jul 28 j 03:11	3°♋01'58	1°45'39
max. Earth dist.	-3873 Aug 04 j 13:46	16°♋04'33	1.40989 AU
evening rise	-3873 Aug 09 j 17:33	24°♋39'33	
	-3873 Aug 13 j 01:12	0°♌	
desc. node	-3873 Aug 18 j 01:13	7°♌48'07	
	-3873 Sep 02 j 10:29	0°♍	
greatest brilliancy	-3873 Sep 07 j 14:34	6°♍36'54	-0.3m
evening max el	-3873 Sep 12 j 15:45	12°♍16'08	22°55'37
retrograde	-3873 Sep 22 j 15:59	18°♍12'07	
evening set	-3873 Sep 27 j 09:56	16°♍15'55	
inferior conj	-3873 Oct 02 j 18:19	9°♍55'55	0°02'28
minimum elong	-3873 Oct 02 j 18:15	9°♍56'08	0°02'30
transit middle	-3873 Oct 02 j 18:15	9°♍56'08	0°02'30
transit begin	-3873 Oct 02 j 15:35	10°♍05'20	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

transit end	-3873 Oct 02 j 20:56	9°♍46'56	
min. Earth dist.	-3873 Oct 02 j 13:58	10°♍10'56	0.67438 AU
asc. node	-3873 Oct 02 j 15:27	10°♍05'48	
morning rise	-3873 Oct 08 j 02:31	3°♍41'09	
direct	-3873 Oct 12 j 09:57	1°♍59'27	
morning max el	-3873 Oct 21 j 11:06	7°♍21'21	21°49'11
greatest brilliancy	-3873 Oct 26 j 09:25	12°♍59'16	-0.4m
	-3873 Nov 07 j 18:09	0°♎	
desc. node	-3873 Nov 14 j 01:01	9°♎22'46	
morning set	-3873 Nov 22 j 11:10	22°♎28'58	
	-3873 Nov 27 j 02:48	0°♏	
max. Earth dist.	-3873 Nov 29 j 01:41	3°♏13'27	1.41603 AU
superior conj	-3873 Dec 06 j 16:18	16°♏12'00	-1°-51'-23
minimum elong	-3873 Dec 06 j 13:38	16°♏00'17	1°51'25
	-3873 Dec 14 j 08:53	0°♐	
evening rise	-3873 Dec 17 j 09:31	5°♐33'48	
asc. node	-3873 Dec 29 j 14:24	26°♐33'10	
	-3872 Jan 01 j 06:04	0°♑	
evening max el	-3872 Jan 02 j 18:31	1°♑38'03	18°11'30
retrograde	-3872 Jan 09 j 16:30	5°♑08'06	
evening set	-3872 Jan 12 j 06:31	4°♑39'29	
	-3872 Jan 18 j 23:06	30°℞♐	
inferior conj	-3872 Jan 19 j 04:41	29°♐47'18	4°02'21
minimum elong	-3872 Jan 19 j 04:59	29°♐46'38	4°02'11
min. Earth dist.	-3872 Jan 22 j 10:06	26°♐52'40	0.60553 AU
morning rise	-3872 Jan 26 j 00:43	24°♐08'09	
direct	-3872 Feb 01 j 20:13	21°♐57'20	
desc. node	-3872 Feb 10 j 00:23	24°♐44'27	
morning max el	-3872 Feb 15 j 23:36	29°♐37'24	27°24'47
	-3872 Feb 16 j 08:46	0°♑	
	-3872 Mar 08 j 17:30	0°♒	
morning set	-3872 Mar 18 j 14:36	18°♒57'18	
	-3872 Mar 23 j 19:23	0°♓	
max. Earth dist.	-3872 Mar 25 j 01:26	2°♓43'34	1.32593 AU
superior conj	-3872 Mar 25 j 19:34	4°♓22'35	0°-7'-56
minimum elong	-3872 Mar 25 j 19:56	4°♓24'33	0°07'57
behind sun begin	-3872 Mar 25 j 15:33	4°♓00'38	
behind sun end	-3872 Mar 26 j 00:18	4°♓48'29	
asc. node	-3872 Mar 26 j 13:49	6°♓02'19	
evening rise	-3872 Apr 01 j 19:38	19°♓30'50	
	-3872 Apr 07 j 00:04	0°♈	
	-3872 Apr 26 j 16:52	0°♉	
evening max el	-3872 Apr 29 j 01:10	2°♉23'27	25°30'16
desc. node	-3872 May 07 j 23:08	8°♉32'53	
retrograde	-3872 May 13 j 02:57	9°♉35'17	
evening set	-3872 May 18 j 16:08	8°♉22'39	
min. Earth dist.	-3872 May 23 j 13:30	5°♉35'47	0.58129 AU
inferior conj	-3872 May 26 j 18:52	3°♉19'17	-4°-3'-56
minimum elong	-3872 May 26 j 15:24	3°♉25'27	4°03'26
	-3872 Jun 01 j 02:19	30°℞♈	
morning rise	-3872 Jun 03 j 18:40	29°♈00'01	
direct	-3872 Jun 06 j 06:03	28°♈40'49	
	-3872 Jun 11 j 02:40	0°♉	
morning max el	-3872 Jun 14 j 15:01	2°♉37'08	18°49'44
asc. node	-3872 Jun 22 j 13:26	13°♉05'55	
morning set	-3872 Jul 01 j 02:17	28°♉48'59	
	-3872 Jul 01 j 16:49	0°♊	
superior conj	-3872 Jul 09 j 19:10	15°♊43'30	1°49'02
minimum elong	-3872 Jul 09 j 18:54	15°♊42'13	1°49'11
max. Earth dist.	-3872 Jul 16 j 16:18	28°♊24'06	1.39045 AU
	-3872 Jul 17 j 13:55	0°♋	
evening rise	-3872 Jul 20 j 17:21	5°♋28'12	
desc. node	-3872 Aug 03 j 22:13	28°♋12'04	
	-3872 Aug 05 j 03:16	0°♌	
evening max el	-3872 Aug 25 j 03:44	25°♌44'18	24°16'13
	-3872 Aug 30 j 04:07	0°♍	
retrograde	-3872 Sep 05 j 06:28	2°♍15'44	
evening set	-3872 Sep 10 j 15:21	29°♌59'52	
	-3872 Sep 10 j 15:17	30°℞♌	
min. Earth dist.	-3872 Sep 15 j 09:36	24°♌29'07	0.67280 AU
inferior conj	-3872 Sep 16 j 00:22	23°♌39'18	0°-51'-8
minimum elong	-3872 Sep 16 j 01:34	23°♌35'15	0°50'33
asc. node	-3872 Sep 18 j 12:35	20°♌24'38	
morning rise	-3872 Sep 21 j 12:01	17°♌30'18	
direct	-3872 Sep 25 j 06:39	16°♌08'43	
morning max el	-3872 Oct 03 j 07:23	20°♌50'17	20°33'08
greatest brilliancy	-3872 Oct 09 j 15:07	28°♌25'10	-0.5m
	-3872 Oct 10 j 19:16	0°♍	
desc. node	-3872 Oct 30 j 21:58	29°♍51'24	
morning set	-3872 Oct 31 j 11:59	0°♎45'44	
	-3872 Oct 31 j 00:11	0°♎	
max. Earth dist.	-3872 Nov 10 j 09:33	16°♎24'25	1.43284 AU
superior conj	-3872 Nov 16 j 13:54	26°♎31'25	-1°-33'-15
minimum elong	-3872 Nov 16 j 07:40	26°♎05'34	1°32'48
	-3872 Nov 18 j 15:49	0°♏	
evening rise	-3872 Nov 28 j 23:38	17°♏47'17	
	-3872 Dec 05 j 23:52	0°♐	
asc. node	-3872 Dec 15 j 11:29	13°♐58'55	
evening max el	-3872 Dec 16 j 06:25	14°♐48'47	18°09'17
retrograde	-3872 Dec 22 j 20:15	18°♐17'20	
evening set	-3872 Dec 25 j 13:15	17°♐41'03	
inferior conj	-3871 Jan 01 j 00:03	12°♐27'19	3°55'51
minimum elong	-3872 Dec 31 j 22:13	12°♐32'05	3°55'31
min. Earth dist.	-3871 Jan 03 j 17:33	9°♐38'50	0.62487 AU
morning rise	-3871 Jan 07 j 05:14	6°♐34'22	
direct	-3871 Jan 14 j 06:41	3°♐56'48	
desc. node	-3871 Jan 26 j 21:28	10°♐26'59	
morning max el	-3871 Jan 28 j 04:29	11°♐40'50	27°42'54
	-3871 Feb 11 j 17:39	0°♑	
	-3871 Mar 01 j 00:18	0°♒	
morning set	-3871 Mar 02 j 17:43	3°♒27'18	
max. Earth dist.	-3871 Mar 08 j 11:09	15°♒25'30	1.32930 AU
superior conj	-3871 Mar 10 j 05:27	19°♒13'23	0°-33'-6
minimum elong	-3871 Mar 10 j 06:56	19°♒21'24	0°32'55
asc. node	-3871 Mar 13 j 10:49	26°♒12'51	
	-3871 Mar 15 j 04:56	0°♓	
evening rise	-3871 Mar 17 j 07:14	4°♓27'42	
	-3871 Mar 31 j 03:37	0°♈	
evening max el	-3871 Apr 10 j 17:12	13°♈12'23	24°01'54
retrograde	-3871 Apr 24 j 12:06	20°♈06'57	
desc. node	-3871 Apr 24 j 20:14	20°♈06'42	
evening set	-3871 Apr 28 j 17:30	19°♈27'18	
min. Earth dist.	-3871 May 05 j 04:45	16°♈20'36	0.56423 AU
inferior conj	-3871 May 07 j 15:00	14°♈50'35	-3°-10'-51
minimum elong	-3871 May 07 j 09:05	14°♈59'48	3°09'25
morning rise	-3871 May 16 j 04:34	10°♈48'36	
direct	-3871 May 18 j 16:14	10°♈32'24	
morning max el	-3871 May 28 j 11:45	15°♈05'32	19°46'35
	-3871 Jun 08 j 06:27	0°♉	
asc. node	-3871 Jun 09 j 10:27	2°♉06'10	
morning set	-3871 Jun 15 j 03:53	13°♉11'52	
superior conj	-3871 Jun 23 j 04:28	29°♉22'32	1°43'28
minimum elong	-3871 Jun 23 j 02:36	29°♉13'16	1°43'31
	-3871 Jun 23 j 12:01	0°♊	
max. Earth dist.	-3871 Jun 28 j 19:20	10°♊15'06	1.37151 AU
evening rise	-3871 Jul 02 j 17:53	17°♊30'24	
	-3871 Jul 09 j 23:17	0°♋	
desc. node	-3871 Jul 21 j 19:11	18°♋19'27	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3871 Jul 30 j 10:19	0°♌	
evening max el	-3871 Aug 07 j 14:21	9°♌15'09	25°31'18
retrograde	-3871 Aug 19 j 16:44	16°♌14'27	
evening set	-3871 Aug 25 j 16:43	13°♌41'19	
min. Earth dist.	-3871 Aug 30 j 02:05	8°♌47'26	0.66802 AU
inferior conj	-3871 Aug 31 j 04:04	7°♌23'27	-1°-43'-42
minimum elong	-3871 Aug 31 j 06:27	7°♌15'42	1°42'40
asc. node	-3871 Sep 05 j 09:41	1°♌42'20	
morning rise	-3871 Sep 05 j 20:47	1°♌23'19	
direct	-3871 Sep 09 j 04:45	0°♌19'02	
morning max el	-3871 Sep 16 j 11:00	4°♌28'27	19°29'48
greatest brilliancy	-3871 Sep 25 j 14:44	16°♌18'55	-0.7m
	-3871 Oct 04 j 15:24	0°♍	
morning set	-3871 Oct 10 j 13:40	9°♍12'22	
desc. node	-3871 Oct 17 j 18:54	20°♍28'54	
	-3871 Oct 23 j 19:57	0°♎	
max. Earth dist.	-3871 Oct 23 j 23:34	0°♎14'21	1.44404 AU
superior conj	-3871 Oct 27 j 08:13	5°♎35'08	0°-58'-17
minimum elong	-3871 Oct 27 j 01:43	5°♎09'09	0°57'33
evening rise	-3871 Nov 10 j 17:34	29°♎06'05	
	-3871 Nov 11 j 06:30	0°♏	
evening max el	-3871 Nov 29 j 19:00	28°♏09'09	18°25'54
	-3871 Dec 01 j 20:33	0°♐	
asc. node	-3871 Dec 02 j 08:34	0°♐21'39	
retrograde	-3871 Dec 06 j 09:12	1°♐47'01	
evening set	-3871 Dec 09 j 06:20	1°♐01'42	
	-3871 Dec 10 j 20:30	30°℞♏	
inferior conj	-3871 Dec 15 j 08:12	25°♏28'49	3°32'11
minimum elong	-3871 Dec 15 j 05:16	25°♏37'14	3°31'28
min. Earth dist.	-3871 Dec 17 j 11:08	23°♏02'56	0.64156 AU
morning rise	-3871 Dec 21 j 02:49	19°♏25'41	
direct	-3871 Dec 28 j 00:42	16°♏35'59	
morning max el	-3870 Jan 10 j 13:13	24°♏18'49	27°25'20
desc. node	-3870 Jan 13 j 18:33	27°♏43'25	
	-3870 Jan 15 j 17:45	0°♐	
	-3870 Feb 05 j 01:52	0°♑	
morning set	-3870 Feb 14 j 13:04	17°♑29'57	
max. Earth dist.	-3870 Feb 19 j 13:23	27°♑39'07	1.33660 AU
	-3870 Feb 20 j 16:22	0°♒	
superior conj	-3870 Feb 22 j 11:51	3°♒49'26	0°-57'-29
minimum elong	-3870 Feb 22 j 14:18	4°♒02'30	0°57'11
asc. node	-3870 Feb 28 j 07:49	16°♒16'04	
evening rise	-3870 Mar 01 j 18:25	19°♒18'23	
	-3870 Mar 07 j 01:50	0°♓	
evening max el	-3870 Mar 23 j 10:26	23°♓55'13	22°27'38
	-3870 Apr 02 j 20:16	0°♈	
retrograde	-3870 Apr 05 j 09:14	0°♈14'45	
	-3870 Apr 07 j 23:15	30°℞♓	
evening set	-3870 Apr 08 j 10:01	29°♓54'32	
desc. node	-3870 Apr 11 j 17:22	28°♓50'39	
min. Earth dist.	-3870 Apr 16 j 18:52	26°♓15'38	0.55366 AU
inferior conj	-3870 Apr 17 j 17:40	25°♓43'10	-1°-38'-5
minimum elong	-3870 Apr 17 j 13:22	25°♓49'18	1°36'42
morning rise	-3870 Apr 26 j 18:49	21°♓46'17	
direct	-3870 Apr 29 j 09:47	21°♓30'28	
morning max el	-3870 May 10 j 21:57	26°♓53'54	21°02'57
	-3870 May 13 j 21:08	0°♈	
asc. node	-3870 May 27 j 07:27	21°♈33'26	
morning set	-3870 May 30 j 10:58	27°♈53'57	
	-3870 May 31 j 11:25	0°♉	
superior conj	-3870 Jun 07 j 00:25	13°♉35'37	1°31'17
minimum elong	-3870 Jun 06 j 21:49	13°♉22'16	1°31'08
max. Earth dist.	-3870 Jun 11 j 04:45	22°♉03'03	1.35515 AU
	-3870 Jun 15 j 07:10	0°♊	
evening rise	-3870 Jun 15 j 14:07	0°♊32'50	
	-3870 Jul 03 j 01:16	0°♋	
desc. node	-3870 Jul 08 j 16:12	8°♋02'24	
evening max el	-3870 Jul 21 j 01:20	22°♋45'16	26°32'54
	-3870 Aug 02 j 05:37	0°♌	
retrograde	-3870 Aug 02 j 22:15	0°♌01'40	
	-3870 Aug 03 j 14:40	30°℞♋	
evening set	-3870 Aug 09 j 11:51	27°♋17'09	
min. Earth dist.	-3870 Aug 13 j 13:06	23°♋01'49	0.65973 AU
inferior conj	-3870 Aug 15 j 03:29	21°♋05'17	-2°-33'-25
minimum elong	-3870 Aug 15 j 06:50	20°♋55'06	2°32'10
morning rise	-3870 Aug 21 j 02:49	15°♋17'08	
asc. node	-3870 Aug 23 j 06:46	14°♋30'30	
direct	-3870 Aug 24 j 02:27	14°♋26'42	
morning max el	-3870 Aug 30 j 20:39	18°♋12'43	18°41'40
	-3870 Sep 08 j 17:15	0°♌	
morning set	-3870 Sep 20 j 12:24	18°♌42'59	
	-3870 Sep 27 j 14:01	0°♍	
desc. node	-3870 Oct 04 j 15:49	11°♍11'22	
superior conj	-3870 Oct 06 j 08:58	13°♍53'30	0°-10'-52
minimum elong	-3870 Oct 06 j 07:32	13°♍47'51	0°10'39
behind sun begin	-3870 Oct 05 j 22:47	13°♍13'23	
behind sun end	-3870 Oct 06 j 16:17	14°♍22'19	
max. Earth dist.	-3870 Oct 06 j 16:49	14°♍24'25	1.44838 AU
	-3870 Oct 16 j 13:58	0°♎	
evening rise	-3870 Oct 22 j 11:13	9°♎21'30	
	-3870 Nov 04 j 12:52	0°♏	
evening max el	-3870 Nov 13 j 05:44	11°♏34'18	19°00'16
asc. node	-3870 Nov 19 j 05:40	15°♏25'42	
retrograde	-3870 Nov 20 j 03:32	15°♏30'23	
evening set	-3870 Nov 23 j 06:37	14°♏33'58	
inferior conj	-3870 Nov 29 j 01:39	8°♏44'55	2°56'51
minimum elong	-3870 Nov 28 j 22:30	8°♏54'42	2°55'51
min. Earth dist.	-3870 Nov 30 j 14:15	6°♏51'08	0.65480 AU
morning rise	-3870 Dec 04 j 13:23	2°♏34'30	
	-3870 Dec 09 j 04:25	30°℞♎	
direct	-3870 Dec 11 j 01:14	29°♎46'51	
	-3870 Dec 12 j 23:46	0°♏	
morning max el	-3870 Dec 23 j 22:55	7°♏18'35	26°37'15
desc. node	-3870 Dec 31 j 15:35	16°♏05'57	
	-3869 Jan 10 j 15:42	0°♐	
	-3869 Jan 28 j 09:40	0°♑	
morning set	-3869 Jan 28 j 21:04	0°♑53'51	
max. Earth dist.	-3869 Feb 02 j 04:42	9°♑17'03	1.34825 AU
superior conj	-3869 Feb 06 j 12:36	18°♑04'05	-1°-19'-50
minimum elong	-3869 Feb 06 j 15:41	18°♑20'01	1°19'33
	-3869 Feb 12 j 05:49	0°♒	
evening rise	-3869 Feb 14 j 03:24	3°♒56'54	
asc. node	-3869 Feb 15 j 04:50	6°♒07'34	
	-3869 Mar 01 j 00:37	0°♓	
evening max el	-3869 Mar 05 j 11:07	4°♓59'14	21°00'21
retrograde	-3869 Mar 16 j 22:57	10°♓28'25	
evening set	-3869 Mar 19 j 08:46	10°♓14'52	
inferior conj	-3869 Mar 28 j 12:59	6°♓16'55	0°17'42
minimum elong	-3869 Mar 28 j 13:48	6°♓15'46	0°17'21
min. Earth dist.	-3869 Mar 29 j 09:09	5°♓48'11	0.55203 AU
desc. node	-3869 Mar 29 j 14:31	5°♓40'35	
morning rise	-3869 Apr 06 j 17:49	2°♓07'21	
direct	-3869 Apr 09 j 21:51	1°♓45'27	
morning max el	-3869 Apr 22 j 21:38	8°♓02'02	22°34'54
	-3869 May 08 j 10:03	0°♈	
asc. node	-3869 May 14 j 04:26	11°♈20'47	
morning set	-3869 May 14 j 21:30	12°♈49'18	
superior conj	-3869 May 22 j 03:44	28°♈12'44	1°14'18

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3869 May 22 j 01:06	27°♈58'50	1°13'59
	-3869 May 23 j 00:03	0°♉	
max. Earth dist.	-3869 May 25 j 00:13	4°♉11'43	1.34241 AU
evening rise	-3869 May 30 j 00:57	14°♉21'04	
	-3869 Jun 07 j 12:04	0°♊	
desc. node	-3869 Jun 25 j 13:16	27°♊10'27	
	-3869 Jun 27 j 20:46	0°♋	
evening max el	-3869 Jul 03 j 12:47	6°♋06'55	27°13'04
retrograde	-3869 Jul 16 j 22:25	13°♋29'59	
evening set	-3869 Jul 23 j 22:06	10°♋43'40	
min. Earth dist.	-3869 Jul 27 j 16:31	7°♋05'51	0.64773 AU
inferior conj	-3869 Jul 29 j 20:26	4°♋41'02	-3°-17'-56
minimum elong	-3869 Jul 30 j 00:15	4°♋30'23	3°16'47
	-3869 Aug 03 j 16:56	30°℞♊	
morning rise	-3869 Aug 05 j 03:51	29°♊08'01	
direct	-3869 Aug 07 j 21:34	28°♊28'09	
asc. node	-3869 Aug 10 j 03:50	28°♊55'12	
	-3869 Aug 12 j 02:50	0°♋	
morning max el	-3869 Aug 14 j 10:11	1°♋59'04	18°10'17
morning set	-3869 Sep 01 j 14:42	29°♋33'32	
	-3869 Sep 01 j 21:02	0°♌	
superior conj	-3869 Sep 15 j 13:46	22°♌28'06	0°37'20
minimum elong	-3869 Sep 15 j 18:04	22°♌45'18	0°36'54
max. Earth dist.	-3869 Sep 19 j 10:32	28°♌37'33	1.44546 AU
	-3869 Sep 20 j 07:22	0°♍	
desc. node	-3869 Sep 21 j 12:44	1°♍55'54	
evening rise	-3869 Oct 02 j 05:04	18°♍36'47	
	-3869 Oct 09 j 14:04	0°♎	
greatest brilliancy	-3869 Oct 19 j 19:54	15°♎18'08	-0.6m
evening max el	-3869 Oct 27 j 12:27	25°♎01'07	19°50'43
retrograde	-3869 Nov 04 j 00:20	29°♎23'23	
asc. node	-3869 Nov 06 j 02:47	28°♎57'46	
evening set	-3869 Nov 07 j 11:34	28°♎13'14	
inferior conj	-3869 Nov 13 j 01:32	22°♎11'05	2°13'32
minimum elong	-3869 Nov 12 j 22:49	22°♎20'02	2°12'32
min. Earth dist.	-3869 Nov 14 j 01:06	20°♎53'27	0.66449 AU
morning rise	-3869 Nov 18 j 09:24	15°♎56'03	
direct	-3869 Nov 24 j 07:27	13°♎21'14	
morning max el	-3869 Dec 06 j 07:49	20°♎28'21	25°26'47
	-3869 Dec 14 j 13:34	0°♏	
desc. node	-3869 Dec 18 j 12:34	5°♏14'51	
	-3868 Jan 03 j 19:38	0°♐	
morning set	-3868 Jan 11 j 12:51	13°♐23'48	
max. Earth dist.	-3868 Jan 15 j 08:23	20°♐26'36	1.36438 AU
	-3868 Jan 20 j 07:06	0°♑	
superior conj	-3868 Jan 21 j 04:54	1°♑48'05	-1°-38'-29
minimum elong	-3868 Jan 21 j 07:56	2°♑03'15	1°38'22
evening rise	-3868 Jan 29 j 08:09	18°♑16'14	
asc. node	-3868 Feb 02 j 01:52	25°♑41'24	
	-3868 Feb 04 j 08:40	0°♒	
evening max el	-3868 Feb 15 j 22:06	16°♒36'43	19°48'06
retrograde	-3868 Feb 25 j 17:03	21°♒15'23	
evening set	-3868 Feb 28 j 00:27	21°♒01'04	
inferior conj	-3868 Mar 07 j 14:52	16°♒58'54	2°04'36
minimum elong	-3868 Mar 07 j 19:29	16°♒51'41	2°03'06
min. Earth dist.	-3868 Mar 09 j 23:30	15°♒31'01	0.55968 AU
desc. node	-3868 Mar 15 j 11:39	12°♒42'52	
morning rise	-3868 Mar 16 j 11:19	12°♒22'50	
direct	-3868 Mar 20 j 16:26	11°♒43'19	
morning max el	-3868 Apr 03 j 13:56	18°♒41'12	24°14'03
	-3868 Apr 12 j 22:39	0°♓	
morning set	-3868 Apr 28 j 09:36	27°♓50'52	
	-3868 Apr 29 j 10:05	0°♈	
asc. node	-3868 Apr 30 j 01:25	1°♈21'33	

superior conj	-3868 May 05 j 11:48	13°♈04'35	0°53'50
minimum elong	-3868 May 05 j 09:39	12°♈52'59	0°53'27
max. Earth dist.	-3868 May 07 j 04:57	16°♈45'48	1.33337 AU
evening rise	-3868 May 12 j 22:04	28°♈40'51	
	-3868 May 13 j 13:48	0°♉	
	-3868 May 30 j 16:19	0°♊	
desc. node	-3868 Jun 11 j 10:22	15°♊28'15	
evening max el	-3868 Jun 14 j 22:50	19°♊07'02	27°25'10
retrograde	-3868 Jun 28 j 16:28	26°♊30'22	
evening set	-3868 Jul 05 j 20:07	23°♊54'47	
min. Earth dist.	-3868 Jul 09 j 10:27	20°♊49'10	0.63197 AU
inferior conj	-3868 Jul 12 j 04:10	18°♊04'27	-3°-53'-53
minimum elong	-3868 Jul 12 j 07:35	17°♊55'51	3°53'09
morning rise	-3868 Jul 18 j 21:07	12°♊49'52	
direct	-3868 Jul 21 j 11:10	12°♊17'51	
asc. node	-3868 Jul 27 j 00:54	14°♊46'06	
morning max el	-3868 Jul 28 j 01:05	15°♊42'04	17°56'44
	-3868 Aug 07 j 01:48	0°♋	
morning set	-3868 Aug 13 j 17:25	11°♋33'56	
	-3868 Aug 24 j 09:58	0°♌	
superior conj	-3868 Aug 25 j 17:15	2°♌10'56	1°15'09
minimum elong	-3868 Aug 25 j 22:58	2°♌34'45	1°14'41
max. Earth dist.	-3868 Sep 01 j 01:56	12°♌36'41	1.43565 AU
desc. node	-3868 Sep 07 j 09:42	22°♌39'38	
evening rise	-3868 Sep 10 j 09:42	27°♌20'04	
	-3868 Sep 12 j 03:07	0°♍	
	-3868 Oct 02 j 13:22	0°♎	
greatest brilliancy	-3868 Oct 03 j 21:42	1°♎46'42	-0.5m
evening max el	-3868 Oct 09 j 13:31	8°♎27'52	20°54'56
retrograde	-3868 Oct 17 j 21:26	13°♎23'27	
evening set	-3868 Oct 21 j 19:02	11°♎56'53	
asc. node	-3868 Oct 22 j 23:53	10°♎55'11	
inferior conj	-3868 Oct 27 j 05:35	5°♎44'57	1°24'59
minimum elong	-3868 Oct 27 j 03:43	5°♎51'20	1°24'14
min. Earth dist.	-3868 Oct 27 j 17:33	5°♎04'05	0.67077 AU
	-3868 Oct 31 j 21:58	30°℞♍	
morning rise	-3868 Nov 01 j 12:00	29°♍27'49	
direct	-3868 Nov 06 j 18:40	27°♍12'21	
	-3868 Nov 13 j 12:17	0°♎	
morning max el	-3868 Nov 17 j 16:34	3°♎42'50	24°03'38
desc. node	-3868 Dec 04 j 09:33	24°♎56'54	
	-3868 Dec 07 j 20:07	0°♏	
morning set	-3868 Dec 23 j 06:32	24°♏44'17	
	-3868 Dec 26 j 06:58	0°♐	
max. Earth dist.	-3868 Dec 27 j 05:10	1°♐38'38	1.38397 AU
superior conj	-3867 Jan 03 j 09:09	14°♐51'45	-1°-51'-10
minimum elong	-3867 Jan 03 j 11:05	15°♐00'58	1°51'15
	-3867 Jan 11 j 03:49	0°♑	
evening rise	-3867 Jan 12 j 06:21	2°♑10'22	
asc. node	-3867 Jan 18 j 22:56	14°♑51'18	
evening max el	-3867 Jan 28 j 19:09	28°♑49'01	18°54'44
	-3867 Jan 30 j 03:16	0°♒	
retrograde	-3867 Feb 06 j 03:00	2°♒49'17	
evening set	-3867 Feb 08 j 12:35	2°♒30'42	
	-3867 Feb 13 j 19:40	30°℞♑	
inferior conj	-3867 Feb 16 j 10:02	28°♑12'09	3°18'32
minimum elong	-3867 Feb 16 j 14:29	28°♑04'08	3°17'31
min. Earth dist.	-3867 Feb 19 j 15:03	25°♑54'41	0.57470 AU
morning rise	-3867 Feb 24 j 12:39	23°♑06'27	
direct	-3867 Mar 01 j 23:15	21°♑55'34	
desc. node	-3867 Mar 02 j 08:46	21°♑55'57	
morning max el	-3867 Mar 16 j 05:06	29°♑18'25	25°46'49
	-3867 Mar 16 j 22:01	0°♒	
	-3867 Apr 06 j 10:45	0°♓	
morning set	-3867 Apr 12 j 21:35	12°♓52'43	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3867 Apr 16 j 22:26	21°♓30'54	
superior conj	-3867 Apr 19 j 22:36	28°♓04'24	0°30'56
minimum elong	-3867 Apr 19 j 21:16	27°♓57'09	0°30'38
max. Earth dist.	-3867 Apr 20 j 15:54	29°♓38'50	1.32782 AU
	-3867 Apr 20 j 19:47	0°♈	
evening rise	-3867 Apr 27 j 02:11	13°♈21'37	
	-3867 May 05 j 16:42	0°♉	
	-3867 May 26 j 15:31	0°♊	
evening max el	-3867 May 28 j 04:49	1°♊32'39	27°04'59
desc. node	-3867 May 29 j 07:29	2°♊34'33	
retrograde	-3867 Jun 11 j 03:39	8°♊54'03	
evening set	-3867 Jun 18 j 01:50	6°♊42'59	
min. Earth dist.	-3867 Jun 21 j 18:18	3°♊57'58	0.61308 AU
inferior conj	-3867 Jun 24 j 23:25	1°♊07'43	-4°-16'-10
minimum elong	-3867 Jun 25 j 01:08	1°♊03'53	4°15'55
	-3867 Jun 26 j 06:23	30°℞♉	
morning rise	-3867 Jul 02 j 03:18	26°♉14'22	
direct	-3867 Jul 04 j 15:29	25°♉48'19	
morning max el	-3867 Jul 11 j 14:38	29°♉15'26	18°01'51
	-3867 Jul 12 j 08:15	0°♊	
asc. node	-3867 Jul 13 j 21:57	1°♊47'55	
morning set	-3867 Jul 27 j 14:52	24°♊28'20	
	-3867 Jul 30 j 15:06	0°♋	
superior conj	-3867 Aug 07 j 00:23	13°♋16'01	1°38'26
minimum elong	-3867 Aug 07 j 04:09	13°♋32'30	1°38'19
max. Earth dist.	-3867 Aug 14 j 12:06	26°♋02'50	1.42032 AU
	-3867 Aug 16 j 21:42	0°♌	
evening rise	-3867 Aug 20 j 20:17	6°♌21'11	
desc. node	-3867 Aug 25 j 06:41	13°♌18'44	
	-3867 Sep 05 j 10:03	0°♍	
greatest brilliancy	-3867 Sep 17 j 14:21	16°♍31'08	-0.3m
evening max el	-3867 Sep 22 j 08:17	21°♍53'04	22°09'42
retrograde	-3867 Oct 01 j 17:03	27°♍27'02	
evening set	-3867 Oct 06 j 03:05	25°♍41'51	
asc. node	-3867 Oct 09 j 21:01	21°♍35'35	
inferior conj	-3867 Oct 11 j 11:47	19°♍23'35	0°33'07
minimum elong	-3867 Oct 11 j 11:02	19°♍26'13	0°32'50
min. Earth dist.	-3867 Oct 11 j 13:12	19°♍18'43	0.67390 AU
morning rise	-3867 Oct 16 j 18:49	13°♍07'08	
direct	-3867 Oct 21 j 10:17	11°♍13'21	
morning max el	-3867 Oct 31 j 03:35	17°♍00'44	22°37'11
greatest brilliancy	-3867 Nov 04 j 20:37	22°♍18'41	-0.3m
	-3867 Nov 10 j 19:01	0°♎	
desc. node	-3867 Nov 21 j 06:31	15°♎01'54	
	-3867 Nov 30 j 22:43	0°♏	
morning set	-3867 Dec 03 j 20:32	4°♏41'59	
max. Earth dist.	-3867 Dec 09 j 02:16	13°♏25'35	1.40470 AU
superior conj	-3867 Dec 16 j 20:30	27°♏01'43	-1°-54'-50
minimum elong	-3867 Dec 16 j 19:53	26°♏58'58	1°54'58
	-3867 Dec 18 j 11:44	0°♐	
evening rise	-3867 Dec 26 j 19:03	15°♐31'28	
	-3866 Jan 03 j 17:05	0°♑	
asc. node	-3866 Jan 05 j 20:00	3°♑28'50	
evening max el	-3866 Jan 12 j 00:09	11°♑29'59	18°21'29
retrograde	-3866 Jan 19 j 07:32	15°♑07'08	
evening set	-3866 Jan 21 j 19:48	14°♑42'37	
inferior conj	-3866 Jan 29 j 01:44	10°♑03'06	3°55'21
minimum elong	-3866 Jan 29 j 03:38	9°♑59'07	3°55'03
min. Earth dist.	-3866 Feb 01 j 10:36	7°♑14'58	0.59388 AU
morning rise	-3866 Feb 05 j 08:10	4°♑33'41	
direct	-3866 Feb 11 j 18:38	2°♑43'47	
desc. node	-3866 Feb 17 j 05:53	3°♑58'37	
morning max el	-3866 Feb 26 j 00:33	10°♑20'17	26°58'07
	-3866 Mar 13 j 05:01	0°♒	
morning set	-3866 Mar 28 j 07:44	27°♒48'20	
	-3866 Mar 29 j 08:52	0°♓	
asc. node	-3866 Apr 03 j 19:28	11°♓44'21	
superior conj	-3866 Apr 04 j 10:22	13°♓05'54	0°06'30
minimum elong	-3866 Apr 04 j 10:05	13°♓04'20	0°06'23
behind sun begin	-3866 Apr 04 j 05:29	12°♓39'10	
behind sun end	-3866 Apr 04 j 14:40	13°♓29'31	
max. Earth dist.	-3866 Apr 04 j 05:18	12°♓38'13	1.32558 AU
evening rise	-3866 Apr 11 j 10:48	28°♓14'42	
	-3866 Apr 12 j 07:02	0°♈	
	-3866 Apr 29 j 05:47	0°♉	
evening max el	-3866 May 10 j 04:43	13°♉16'29	26°12'45
desc. node	-3866 May 16 j 04:35	18°♉00'22	
retrograde	-3866 May 24 j 06:48	20°♉34'14	
evening set	-3866 May 30 j 11:23	18°♉59'03	
min. Earth dist.	-3866 Jun 03 j 17:32	16°♉17'42	0.59262 AU
inferior conj	-3866 Jun 07 j 02:34	13°♉42'14	-4°-17'-4
minimum elong	-3866 Jun 07 j 01:12	13°♉44'53	4°16'55
morning rise	-3866 Jun 14 j 18:47	9°♉11'14	
direct	-3866 Jun 17 j 06:10	8°♉49'56	
morning max el	-3866 Jun 24 j 23:57	12°♉31'41	18°26'29
asc. node	-3866 Jun 30 j 19:01	19°♉45'55	
	-3866 Jul 06 j 19:22	0°♊	
morning set	-3866 Jul 11 j 02:11	8°♊04'49	
superior conj	-3866 Jul 20 j 07:29	25°♊33'44	1°48'19
minimum elong	-3866 Jul 20 j 08:33	25°♊38'35	1°48'27
	-3866 Jul 22 j 17:44	0°♋	
max. Earth dist.	-3866 Jul 27 j 16:12	8°♋44'31	1.40163 AU
evening rise	-3866 Aug 01 j 04:54	16°♋25'42	
	-3866 Aug 09 j 15:48	0°♌	
desc. node	-3866 Aug 12 j 03:41	3°♌49'41	
	-3866 Aug 31 j 02:28	0°♍	
evening max el	-3866 Sep 04 j 21:57	5°♍19'07	23°30'01
retrograde	-3866 Sep 15 j 09:50	11°♍31'37	
evening set	-3866 Sep 20 j 09:59	9°♍26'53	
inferior conj	-3866 Sep 25 j 18:24	3°♍05'55	0°-20'-16
minimum elong	-3866 Sep 25 j 18:52	3°♍04'18	0°20'01
min. Earth dist.	-3866 Sep 25 j 09:38	3°♍35'59	0.67404 AU
asc. node	-3866 Sep 26 j 18:07	1°♍45'15	
	-3866 Sep 28 j 02:37	30°℞♌	
morning rise	-3866 Oct 01 j 03:51	26°♌53'06	
direct	-3866 Oct 05 j 05:29	25°♌20'26	
	-3866 Oct 13 j 09:58	0°♍	
morning max el	-3866 Oct 13 j 19:52	0°♍24'52	21°15'29
greatest brilliancy	-3866 Oct 19 j 05:28	6°♍41'32	-0.5m
	-3866 Nov 04 j 14:29	0°♎	
desc. node	-3866 Nov 08 j 03:29	5°♎23'20	
morning set	-3866 Nov 13 j 07:21	13°♎23'55	
max. Earth dist.	-3866 Nov 21 j 05:03	26°♎03'57	1.42370 AU
	-3866 Nov 23 j 14:19	0°♏	
superior conj	-3866 Nov 28 j 09:20	8°♏04'45	-1°-45'-43
minimum elong	-3866 Nov 28 j 05:02	7°♏46'19	1°45'34
evening rise	-3866 Dec 09 j 18:38	28°♏12'00	
	-3866 Dec 10 j 18:33	0°♐	
asc. node	-3866 Dec 23 j 17:04	21°♐24'21	
evening max el	-3866 Dec 26 j 10:23	24°♐32'19	18°08'12
retrograde	-3865 Jan 02 j 03:54	28°♐00'24	
evening set	-3865 Jan 04 j 19:00	27°♐28'47	
inferior conj	-3865 Jan 11 j 12:03	22°♐27'31	4°02'07
minimum elong	-3865 Jan 11 j 11:19	22°♐29'17	4°01'56
min. Earth dist.	-3865 Jan 14 j 13:10	19°♐32'36	0.61398 AU
morning rise	-3865 Jan 18 j 01:12	16°♐41'44	
direct	-3865 Jan 25 j 00:34	14°♐17'31	
desc. node	-3865 Feb 04 j 02:58	18°♐31'23	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3865 Feb 08 j 02:07	22°♐00'41	27°36'56
	-3865 Feb 15 j 03:40	0°♑	
	-3865 Mar 06 j 05:00	0°♒	
morning set	-3865 Mar 12 j 14:03	12°♒30'07	
max. Earth dist.	-3865 Mar 18 j 17:19	25°♒29'55	1.32684 AU
superior conj	-3865 Mar 19 j 21:25	28°♒02'40	0°-18'-39
minimum elong	-3865 Mar 19 j 22:16	28°♒07'15	0°18'34
	-3865 Mar 20 j 18:57	0°♓	
asc. node	-3865 Mar 21 j 16:27	1°♓57'14	
evening rise	-3865 Mar 26 j 21:50	13°♓12'14	
	-3865 Apr 04 j 11:12	0°♈	
evening max el	-3865 Apr 21 j 22:50	24°♈21'32	24°54'25
	-3865 Apr 29 j 18:29	0°♉	
desc. node	-3865 May 03 j 01:43	1°♉08'44	
retrograde	-3865 May 05 j 23:28	1°♉28'24	
evening set	-3865 May 10 j 23:15	0°♉31'19	
	-3865 May 12 j 05:29	30°℞♈	
min. Earth dist.	-3865 May 16 j 11:05	27°♈37'13	0.57338 AU
inferior conj	-3865 May 19 j 10:24	25°♈38'28	-3°-46'-27
minimum elong	-3865 May 19 j 05:35	25°♈46'34	3°45'35
morning rise	-3865 May 27 j 16:03	21°♈27'26	
direct	-3865 May 30 j 03:14	21°♈09'49	
morning max el	-3865 Jun 08 j 02:04	25°♈20'25	19°11'23
	-3865 Jun 12 j 04:42	0°♉	
asc. node	-3865 Jun 17 j 16:02	8°♉26'28	
morning set	-3865 Jun 24 j 23:28	22°♉12'55	
	-3865 Jun 28 j 21:27	0°♊	
superior conj	-3865 Jul 03 j 08:42	8°♊47'00	1°47'37
minimum elong	-3865 Jul 03 j 07:38	8°♊41'52	1°47'44
max. Earth dist.	-3865 Jul 09 j 17:45	20°♊47'09	1.38217 AU
evening rise	-3865 Jul 13 j 15:44	27°♊47'00	
	-3865 Jul 14 j 22:20	0°♋	
desc. node	-3865 Jul 30 j 00:41	24°♋07'09	
	-3865 Aug 03 j 02:40	0°♌	
evening max el	-3865 Aug 18 j 09:05	18°♌48'23	24°49'20
retrograde	-3865 Aug 29 j 22:41	25°♌33'14	
evening set	-3865 Sep 04 j 13:53	23°♌09'48	
min. Earth dist.	-3865 Sep 09 j 04:20	17°♌54'08	0.67114 AU
inferior conj	-3865 Sep 09 j 23:40	16°♌49'50	-1°-13'-38
minimum elong	-3865 Sep 10 j 01:24	16°♌44'06	1°12'51
asc. node	-3865 Sep 13 j 15:13	12°♌23'08	
morning rise	-3865 Sep 15 j 13:15	10°♌43'55	
direct	-3865 Sep 19 j 03:04	9°♌30'02	
morning max el	-3865 Sep 26 j 19:12	13°♌57'11	20°04'22
greatest brilliancy	-3865 Oct 04 j 01:50	22°♌55'57	-0.6m
	-3865 Oct 09 j 00:17	0°♍	
morning set	-3865 Oct 23 j 05:23	21°♍35'35	
desc. node	-3865 Oct 26 j 00:25	25°♍55'59	
	-3865 Oct 28 j 14:51	0°♎	
max. Earth dist.	-3865 Nov 03 j 15:19	9°♎31'39	1.43835 AU
superior conj	-3865 Nov 08 j 19:06	17°♎51'04	-1°-20'-25
minimum elong	-3865 Nov 08 j 12:07	17°♎22'37	1°19'47
	-3865 Nov 16 j 03:03	0°♏	
evening rise	-3865 Nov 22 j 00:42	10°♏03'02	
	-3865 Dec 03 j 23:05	0°♐	
evening max el	-3865 Dec 09 j 22:59	7°♐48'31	18°14'12
asc. node	-3865 Dec 10 j 14:08	8°♐25'25	
retrograde	-3865 Dec 16 j 11:56	11°♐19'31	
evening set	-3865 Dec 19 j 06:34	10°♐39'35	
inferior conj	-3865 Dec 25 j 13:19	5°♐17'40	3°47'32
minimum elong	-3865 Dec 25 j 10:53	5°♐24'15	3°47'02
min. Earth dist.	-3865 Dec 28 j 00:51	2°♐37'04	0.63237 AU
	-3865 Dec 30 j 18:06	30°℞♏	
morning rise	-3865 Dec 31 j 13:32	29°♏20'15	

direct	-3864 Jan 07 j 14:40	26°♏35'23	
	-3864 Jan 16 j 07:58	0°♐	
morning max el	-3864 Jan 21 j 08:46	4°♐19'42	27°39'33
desc. node	-3864 Jan 22 j 00:01	4°♐57'52	
	-3864 Feb 09 j 17:26	0°♑	
morning set	-3864 Feb 24 j 14:14	26°♑50'04	
	-3864 Feb 26 j 03:49	0°♒	
max. Earth dist.	-3864 Mar 01 j 00:13	8°♒01'04	1.33188 AU
superior conj	-3864 Mar 03 j 06:06	12°♒48'41	0°-43'-35
minimum elong	-3864 Mar 03 j 08:01	12°♒59'01	0°43'20
asc. node	-3864 Mar 07 j 13:27	22°♒05'38	
evening rise	-3864 Mar 10 j 09:30	28°♒07'48	
	-3864 Mar 11 j 06:58	0°♓	
	-3864 Mar 28 j 23:27	0°♈	
evening max el	-3864 Apr 02 j 14:51	5°♈05'35	23°21'47
retrograde	-3864 Apr 16 j 03:06	11°♈46'50	
desc. node	-3864 Apr 18 j 22:49	11°♈29'16	
evening set	-3864 Apr 19 j 19:03	11°♈17'26	
min. Earth dist.	-3864 Apr 27 j 01:47	7°♈58'42	0.55882 AU
inferior conj	-3864 Apr 28 j 22:27	6°♈52'37	-2°-35'-59
minimum elong	-3864 Apr 28 j 16:37	7°♈01'18	2°34'20
morning rise	-3864 May 07 j 17:25	2°♈54'16	
direct	-3864 May 10 j 05:54	2°♈38'36	
morning max el	-3864 May 20 j 18:24	7°♈32'12	20°16'41
asc. node	-3864 Jun 03 j 13:04	27°♈39'18	
	-3864 Jun 04 j 18:24	0°♉	
morning set	-3864 Jun 08 j 03:42	6°♉44'49	
superior conj	-3864 Jun 15 j 22:59	22°♉41'35	1°39'00
minimum elong	-3864 Jun 15 j 20:43	22°♉30'07	1°38'57
	-3864 Jun 19 j 15:16	0°♊	
max. Earth dist.	-3864 Jun 20 j 23:03	2°♊34'12	1.36425 AU
evening rise	-3864 Jun 25 j 01:21	10°♊16'49	
	-3864 Jul 06 j 13:11	0°♋	
desc. node	-3864 Jul 15 j 21:42	14°♋04'58	
	-3864 Jul 28 j 13:18	0°♌	
evening max el	-3864 Jul 30 j 19:58	2°♌20'08	25°59'40
retrograde	-3864 Aug 12 j 06:49	9°♌27'17	
evening set	-3864 Aug 18 j 12:51	6°♌48'42	
min. Earth dist.	-3864 Aug 22 j 18:49	2°♌10'56	0.66497 AU
inferior conj	-3864 Aug 24 j 01:48	0°♌33'10	-2°-5'-16
minimum elong	-3864 Aug 24 j 04:39	0°♌24'11	2°04'06
	-3864 Aug 24 j 12:20	30°℞♋	
morning rise	-3864 Aug 29 j 21:08	24°♋37'33	
asc. node	-3864 Aug 30 j 12:19	24°♋16'42	
direct	-3864 Sep 02 j 01:21	23°♋39'23	
morning max el	-3864 Sep 09 j 01:30	27°♋37'33	19°07'18
	-3864 Sep 11 j 04:40	0°♌	
	-3864 Oct 01 j 08:01	0°♍	
morning set	-3864 Oct 01 j 14:17	0°♍24'40	
desc. node	-3864 Oct 11 j 21:20	16°♍35'34	
max. Earth dist.	-3864 Oct 16 j 07:23	23°♍33'17	1.44680 AU
superior conj	-3864 Oct 18 j 03:50	26°♍28'58	0°-39'-7
minimum elong	-3864 Oct 17 j 22:57	26°♍09'37	0°38'30
	-3864 Oct 20 j 09:04	0°♎	
evening rise	-3864 Nov 02 j 08:35	20°♎55'00	
	-3864 Nov 07 j 21:46	0°♏	
evening max el	-3864 Nov 22 j 11:07	21°♏11'23	18°38'30
asc. node	-3864 Nov 26 j 11:13	24°♏16'32	
retrograde	-3864 Nov 29 j 03:32	24°♏55'37	
evening set	-3864 Dec 02 j 03:04	24°♏05'41	
inferior conj	-3864 Dec 08 j 01:46	18°♏25'29	3°18'21
minimum elong	-3864 Dec 07 j 22:39	18°♏34'46	3°17'30
min. Earth dist.	-3864 Dec 09 j 22:24	16°♏12'47	0.64764 AU
morning rise	-3864 Dec 13 j 17:05	12°♏19'14	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3864 Dec 20 j 11:23	9°♏29'03	
morning max el	-3863 Jan 02 j 18:04	17°♏07'42	27°08'17
desc. node	-3863 Jan 07 j 21:03	22°♏44'48	
	-3863 Jan 13 j 13:30	0°♐	
	-3863 Feb 01 j 12:55	0°♑	
morning set	-3863 Feb 07 j 05:13	10°♑37'19	
max. Earth dist.	-3863 Feb 11 j 22:14	20°♑00'10	1.34105 AU
superior conj	-3863 Feb 15 j 10:22	27°♑16'22	-1°-7'-17
minimum elong	-3863 Feb 15 j 13:09	27°♑31'00	1°06'59
	-3863 Feb 16 j 17:25	0°♒	
asc. node	-3863 Feb 22 j 10:27	12°♒04'27	
evening rise	-3863 Feb 22 j 19:58	12°♒54'07	
	-3863 Mar 03 j 16:29	0°♓	
evening max el	-3863 Mar 15 j 10:35	15°♓54'21	21°49'00
retrograde	-3863 Mar 27 j 19:31	21°♓53'14	
evening set	-3863 Mar 30 j 12:25	21°♓36'53	
desc. node	-3863 Apr 05 j 19:57	19°♓12'33	
inferior conj	-3863 Apr 08 j 20:18	17°♓33'22	0°-50'-2
minimum elong	-3863 Apr 08 j 17:58	17°♓36'38	0°49'17
min. Earth dist.	-3863 Apr 08 j 15:34	17°♓40'01	0.55190 AU
morning rise	-3863 Apr 18 j 00:23	13°♓33'38	
direct	-3863 Apr 20 j 19:38	13°♓16'13	
morning max el	-3863 May 02 j 23:48	19°♓02'03	21°40'30
	-3863 May 11 j 19:43	0°♈	
asc. node	-3863 May 21 j 10:04	17°♈15'56	
morning set	-3863 May 23 j 12:31	21°♈33'27	
	-3863 May 27 j 13:17	0°♉	
superior conj	-3863 May 30 j 22:26	7°♉05'52	1°24'35
minimum elong	-3863 May 30 j 19:45	6°♉51'54	1°24'21
max. Earth dist.	-3863 Jun 03 j 12:55	14°♉30'29	1.34932 AU
evening rise	-3863 Jun 08 j 04:23	23°♉40'13	
	-3863 Jun 11 j 13:18	0°♊	
	-3863 Jun 30 j 03:32	0°♋	
desc. node	-3863 Jul 02 j 18:44	3°♋34'38	
evening max el	-3863 Jul 13 j 07:20	15°♋48'14	26°52'59
retrograde	-3863 Jul 26 j 09:57	23°♋07'50	
evening set	-3863 Aug 02 j 04:35	20°♋21'06	
min. Earth dist.	-3863 Aug 06 j 02:44	16°♋22'17	0.65514 AU
inferior conj	-3863 Aug 07 j 22:47	14°♋13'06	-2°-53'-7
minimum elong	-3863 Aug 08 j 02:25	14°♋02'26	2°51'51
morning rise	-3863 Aug 14 j 01:24	8°♋31'09	
direct	-3863 Aug 16 j 22:19	7°♋45'29	
asc. node	-3863 Aug 17 j 09:24	7°♋46'40	
morning max el	-3863 Aug 23 j 13:10	11°♋23'39	18°26'15
	-3863 Sep 05 j 14:14	0°♌	
morning set	-3863 Sep 12 j 00:49	10°♌30'11	
	-3863 Sep 24 j 03:14	0°♍	
superior conj	-3863 Sep 27 j 03:25	4°♍46'01	0°10'17
minimum elong	-3863 Sep 27 j 04:45	4°♍51'18	0°10'12
behind sun begin	-3863 Sep 26 j 19:52	4°♍16'12	
behind sun end	-3863 Sep 27 j 13:37	5°♍26'22	
desc. node	-3863 Sep 28 j 18:16	7°♍19'25	
max. Earth dist.	-3863 Sep 29 j 01:50	7°♍49'16	1.44803 AU
	-3863 Oct 13 j 04:29	0°♎	
evening rise	-3863 Oct 13 j 15:42	0°♎44'04	
greatest brilliancy	-3863 Oct 26 j 21:48	21°♎22'03	-0.7m
	-3863 Nov 01 j 22:57	0°♏	
evening max el	-3863 Nov 05 j 20:22	4°♏37'19	19°19'49
retrograde	-3863 Nov 12 j 23:20	8°♏43'43	
asc. node	-3863 Nov 13 j 08:20	8°♏42'55	
evening set	-3863 Nov 16 j 05:39	7°♏41'39	
inferior conj	-3863 Nov 21 j 22:17	1°♏46'20	2°39'15
minimum elong	-3863 Nov 21 j 19:15	1°♏56'00	2°38'14
min. Earth dist.	-3863 Nov 23 j 05:03	0°♏07'58	0.65933 AU
	-3863 Nov 23 j 07:34	30°♑	
morning rise	-3863 Nov 27 j 08:03	25°♎33'36	
direct	-3863 Dec 03 j 14:11	22°♎50'42	
	-3863 Dec 15 j 22:20	0°♏	
morning max el	-3863 Dec 16 j 03:44	0°♏13'27	26°09'33
desc. node	-3863 Dec 25 j 18:04	11°♏28'47	
	-3862 Jan 07 j 12:10	0°♐	
morning set	-3862 Jan 21 j 06:58	23°♐39'45	
	-3862 Jan 24 j 15:13	0°♑	
max. Earth dist.	-3862 Jan 25 j 08:45	1°♑24'59	1.35464 AU
superior conj	-3862 Jan 30 j 07:52	11°♑18'27	-1°-28'-19
minimum elong	-3862 Jan 30 j 11:03	11°♑34'36	1°28'06
evening rise	-3862 Feb 07 j 03:25	27°♑25'00	
	-3862 Feb 08 j 09:51	0°♒	
asc. node	-3862 Feb 09 j 07:29	1°♒48'55	
evening max el	-3862 Feb 25 j 15:19	27°♒10'39	20°27'22
	-3862 Mar 01 j 04:18	0°♓	
retrograde	-3862 Mar 08 j 09:53	2°♓18'06	
evening set	-3862 Mar 10 j 17:31	2°♓04'51	
	-3862 Mar 16 j 08:01	30°♑	
inferior conj	-3862 Mar 19 j 16:39	28°♒06'37	1°06'02
minimum elong	-3862 Mar 19 j 19:30	28°♒02'25	1°04'59
min. Earth dist.	-3862 Mar 21 j 05:38	27°♒12'23	0.55421 AU
desc. node	-3862 Mar 23 j 17:06	25°♒49'40	
morning rise	-3862 Mar 28 j 19:26	23°♒47'04	
direct	-3862 Apr 01 j 08:39	23°♒19'37	
	-3862 Apr 14 j 21:44	0°♓	
morning max el	-3862 Apr 14 j 19:51	29°♒55'31	23°17'00
	-3862 May 04 j 19:15	0°♈	
morning set	-3862 May 07 j 23:54	6°♈32'07	
asc. node	-3862 May 08 j 07:04	7°♈09'36	
superior conj	-3862 May 15 j 04:03	21°♈50'10	1°05'59
minimum elong	-3862 May 15 j 01:34	21°♈36'56	1°05'37
max. Earth dist.	-3862 May 17 j 12:31	26°♈49'42	1.33808 AU
	-3862 May 19 j 00:55	0°♉	
evening rise	-3862 May 22 j 20:00	7°♉42'53	
	-3862 Jun 04 j 01:44	0°♊	
desc. node	-3862 Jun 19 j 15:50	22°♊23'34	
evening max el	-3862 Jun 25 j 18:14	29°♊01'27	27°21'54
	-3862 Jun 26 j 19:13	0°♋	
retrograde	-3862 Jul 09 j 07:41	6°♋25'44	
evening set	-3862 Jul 16 j 10:07	3°♋41'54	
min. Earth dist.	-3862 Jul 20 j 02:08	0°♋19'09	0.64146 AU
	-3862 Jul 20 j 09:28	30°♑	
inferior conj	-3862 Jul 22 j 12:10	27°♊44'11	-3°-34'-31
minimum elong	-3862 Jul 22 j 15:56	27°♊34'03	3°33'30
morning rise	-3862 Jul 28 j 23:30	22°♊18'58	
direct	-3862 Jul 31 j 15:21	21°♊42'51	
asc. node	-3862 Aug 04 j 06:29	22°♊49'45	
morning max el	-3862 Aug 07 j 03:43	25°♊09'46	18°02'21
	-3862 Aug 11 j 03:46	0°♋	
morning set	-3862 Aug 24 j 14:07	21°♋52'00	
	-3862 Aug 29 j 08:59	0°♌	
superior conj	-3862 Sep 06 j 16:25	13°♌45'50	0°55'04
minimum elong	-3862 Sep 06 j 21:53	14°♌08'04	0°54'32
max. Earth dist.	-3862 Sep 11 j 18:47	21°♌58'10	1.44202 AU
desc. node	-3862 Sep 15 j 15:13	28°♌04'03	
	-3862 Sep 16 j 20:45	0°♍	
evening rise	-3862 Sep 23 j 01:56	9°♍40'20	
	-3862 Oct 06 j 10:59	0°♎	
greatest brilliancy	-3862 Oct 13 j 08:17	9°♎52'20	-0.6m
evening max el	-3862 Oct 20 j 00:43	18°♎03'35	20°16'27
retrograde	-3862 Oct 27 j 20:38	22°♎39'46	
evening set	-3862 Oct 31 j 11:55	21°♎23'02	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3862 Oct 31 j 05:27	21°♎34'03	
inferior conj	-3862 Nov 06 j 00:13	15°♎16'07	1°53'27
minimum elong	-3862 Nov 05 j 21:50	15°♎24'09	1°52'32
min. Earth dist.	-3862 Nov 06 j 18:42	14°♎14'07	0.66754 AU
morning rise	-3862 Nov 11 j 07:11	8°♎59'34	
direct	-3862 Nov 16 j 22:38	6°♎32'30	
morning max el	-3862 Nov 28 j 12:34	13°♎26'06	24°52'21
	-3862 Dec 11 j 23:54	0°♏	
desc. node	-3862 Dec 12 j 15:04	0°♏52'58	
	-3862 Dec 31 j 07:33	0°♐	
morning set	-3861 Jan 03 j 14:10	5°♐42'18	
max. Earth dist.	-3861 Jan 07 j 08:30	12°♐30'10	1.37234 AU
superior conj	-3861 Jan 13 j 19:32	24°♐46'19	-1°-44'-46
minimum elong	-3861 Jan 13 j 22:16	24°♐59'40	1°44'45
	-3861 Jan 16 j 11:08	0°♑	
evening rise	-3861 Jan 22 j 05:41	11°♑34'14	
asc. node	-3861 Jan 27 j 04:32	21°♑13'25	
	-3861 Feb 01 j 05:25	0°♒	
evening max el	-3861 Feb 08 j 06:47	9°♒03'36	19°23'03
retrograde	-3861 Feb 17 j 09:58	13°♒24'17	
evening set	-3861 Feb 19 j 17:49	13°♒08'37	
inferior conj	-3861 Feb 28 j 01:05	9°♒00'44	2°40'37
minimum elong	-3861 Feb 28 j 06:06	8°♒52'27	2°39'12
min. Earth dist.	-3861 Mar 02 j 20:40	7°♒09'44	0.56523 AU
morning rise	-3861 Mar 08 j 14:38	4°♒11'18	
desc. node	-3861 Mar 10 j 14:14	3°♒37'30	
direct	-3861 Mar 13 j 08:15	3°♒19'56	
morning max el	-3861 Mar 27 j 11:03	10°♒31'18	24°55'15
	-3861 Apr 11 j 03:37	0°♓	
morning set	-3861 Apr 22 j 12:11	21°♓35'06	
asc. node	-3861 Apr 25 j 04:05	27°♓15'06	
	-3861 Apr 26 j 10:36	0°♈	
superior conj	-3861 Apr 29 j 13:33	6°♈47'05	0°44'23
minimum elong	-3861 Apr 29 j 11:43	6°♈37'07	0°44'01
max. Earth dist.	-3861 Apr 30 j 20:09	9°♈32'48	1.33053 AU
evening rise	-3861 May 06 j 20:28	22°♈13'27	
	-3861 May 10 j 18:29	0°♉	
	-3861 May 29 j 00:05	0°♊	
desc. node	-3861 Jun 06 j 12:56	10°♊14'34	
evening max el	-3861 Jun 08 j 02:46	11°♊48'31	27°20'38
retrograde	-3861 Jun 21 j 23:17	19°♊12'01	
evening set	-3861 Jun 29 j 01:47	16°♊45'08	
min. Earth dist.	-3861 Jul 02 j 15:55	13°♊49'57	0.62424 AU
inferior conj	-3861 Jul 05 j 15:02	11°♊00'29	-4°-5'-26
minimum elong	-3861 Jul 05 j 17:55	10°♊53'35	4°04'54
morning rise	-3861 Jul 12 j 12:30	5°♊54'43	
direct	-3861 Jul 15 j 01:24	5°♊25'35	
morning max el	-3861 Jul 21 j 18:25	8°♊50'05	17°56'30
asc. node	-3861 Jul 22 j 03:33	9°♊13'02	
	-3861 Aug 04 j 15:59	0°♋	
morning set	-3861 Aug 07 j 01:27	4°♋17'04	
superior conj	-3861 Aug 18 j 07:45	24°♋04'01	1°26'48
minimum elong	-3861 Aug 18 j 12:53	24°♋25'50	1°26'29
	-3861 Aug 21 j 20:19	0°♌	
max. Earth dist.	-3861 Aug 25 j 07:32	5°♌42'43	1.42971 AU
evening rise	-3861 Sep 02 j 06:33	18°♌24'13	
desc. node	-3861 Sep 02 j 12:12	18°♌46'18	
	-3861 Sep 09 j 19:50	0°♍	
greatest brilliancy	-3861 Sep 27 j 20:06	25°♍34'27	-0.4m
	-3861 Oct 01 j 13:24	0°♎	
evening max el	-3861 Oct 02 j 23:04	1°♎29'34	21°25'44
retrograde	-3861 Oct 11 j 17:17	6°♎41'19	
evening set	-3861 Oct 15 j 19:50	5°♎07'17	
asc. node	-3861 Oct 18 j 02:33	2°♎54'49	
	-3861 Oct 20 j 09:40	30°♌♍	
inferior conj	-3861 Oct 21 j 05:26	28°♍52'18	1°03'17
minimum elong	-3861 Oct 21 j 04:00	28°♍57'13	1°02'43
min. Earth dist.	-3861 Oct 21 j 12:54	28°♍26'35	0.67249 AU
morning rise	-3861 Oct 26 j 11:50	22°♍34'55	
direct	-3861 Oct 31 j 11:59	20°♍28'18	
morning max el	-3861 Nov 10 j 21:43	26°♍41'11	23°26'34
	-3861 Nov 13 j 23:08	0°♎	
greatest brilliancy	-3861 Nov 16 j 19:25	3°♎23'58	-0.2m
desc. node	-3861 Nov 29 j 12:03	20°♎45'45	
	-3861 Dec 05 j 15:11	0°♏	
morning set	-3861 Dec 15 j 20:33	16°♏28'24	
max. Earth dist.	-3861 Dec 20 j 03:54	23°♏50'58	1.39277 AU
	-3861 Dec 23 j 15:12	0°♐	
superior conj	-3861 Dec 27 j 17:15	7°♐28'49	-1°-54'-3
minimum elong	-3861 Dec 27 j 18:17	7°♐33'39	1°54'12
evening rise	-3860 Jan 06 j 00:13	25°♐14'50	
	-3860 Jan 08 j 11:34	0°♑	
asc. node	-3860 Jan 14 j 01:35	10°♑10'30	
evening max el	-3860 Jan 22 j 07:36	21°♑29'21	18°38'12
retrograde	-3860 Jan 30 j 03:30	25°♑17'31	
evening set	-3860 Feb 01 j 14:20	24°♑56'30	
inferior conj	-3860 Feb 09 j 04:55	20°♑29'41	3°38'24
minimum elong	-3860 Feb 09 j 08:25	20°♑22'58	3°37'44
min. Earth dist.	-3860 Feb 12 j 13:37	17°♑56'10	0.58253 AU
morning rise	-3860 Feb 16 j 22:50	15°♑13'08	
direct	-3860 Feb 22 j 21:00	13°♑45'31	
desc. node	-3860 Feb 25 j 11:21	14°♑02'13	
morning max el	-3860 Mar 08 j 03:18	21°♑15'26	26°20'34
	-3860 Mar 15 j 17:58	0°♒	
	-3860 Apr 02 j 18:25	0°♓	
morning set	-3860 Apr 05 j 23:35	6°♓34'52	
asc. node	-3860 Apr 11 j 01:05	17°♓26'41	
superior conj	-3860 Apr 13 j 00:57	21°♓48'23	0°20'43
minimum elong	-3860 Apr 13 j 00:03	21°♓43'25	0°20'30
max. Earth dist.	-3860 Apr 13 j 08:30	22°♓29'43	1.32643 AU
	-3860 Apr 16 j 19:21	0°♈	
evening rise	-3860 Apr 20 j 02:47	7°♈00'38	
	-3860 May 02 j 07:48	0°♉	
evening max el	-3860 May 20 j 06:32	23°♉57'40	26°46'35
desc. node	-3860 May 23 j 10:03	26°♉42'28	
	-3860 May 28 j 16:48	0°♊	
retrograde	-3860 Jun 03 j 07:15	1°♊17'29	
	-3860 Jun 08 j 17:30	30°♋♉	
evening set	-3860 Jun 09 j 23:18	29°♉21'04	
min. Earth dist.	-3860 Jun 13 j 20:02	26°♉39'29	0.60446 AU
inferior conj	-3860 Jun 17 j 03:54	23°♉53'02	-4°-19'-45
minimum elong	-3860 Jun 17 j 04:27	23°♉51'51	4°19'38
morning rise	-3860 Jun 24 j 12:49	19°♉08'49	
direct	-3860 Jun 27 j 00:32	18°♉44'54	
morning max el	-3860 Jul 04 j 06:26	22°♉16'58	18°09'47
asc. node	-3860 Jul 08 j 00:37	26°♉40'27	
	-3860 Jul 10 j 07:23	0°♊	
morning set	-3860 Jul 20 j 05:23	17°♊31'04	
	-3860 Jul 26 j 22:23	0°♋	
superior conj	-3860 Jul 30 j 01:43	5°♋41'37	1°44'06
minimum elong	-3860 Jul 30 j 04:19	5°♋53'15	1°44'08
max. Earth dist.	-3860 Aug 06 j 15:05	18°♋51'01	1.41271 AU
evening rise	-3860 Aug 12 j 01:17	27°♋49'09	
	-3860 Aug 13 j 09:46	0°♌	
desc. node	-3860 Aug 19 j 09:11	9°♌22'41	
	-3860 Sep 02 j 12:08	0°♍	
greatest brilliancy	-3860 Sep 09 j 19:17	9°♍30'06	-0.3m
evening max el	-3860 Sep 14 j 15:36	14°♍55'48	22°43'37

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3860 Sep 24 j 11:43	20°♍45'53	
evening set	-3860 Sep 29 j 03:35	18°♍52'34	
asc. node	-3860 Oct 03 j 23:39	13°♍15'33	
inferior conj	-3860 Oct 04 j 12:01	12°♍32'59	0°10'35
minimum elong	-3860 Oct 04 j 11:46	12°♍33'50	0°10'31
transit middle	-3860 Oct 04 j 11:46	12°♍33'50	0°10'31
transit begin	-3860 Oct 04 j 09:42	12°♍40'58	
transit end	-3860 Oct 04 j 13:50	12°♍26'42	
min. Earth dist.	-3860 Oct 04 j 09:09	12°♍42'52	0.67437 AU
morning rise	-3860 Oct 09 j 19:51	6°♍17'46	
direct	-3860 Oct 14 j 05:21	4°♍32'57	
morning max el	-3860 Oct 23 j 10:30	10°♍01'08	22°01'24
greatest brilliancy	-3860 Oct 28 j 05:59	15°♍29'14	-0.4m
	-3860 Nov 07 j 22:48	0°♎	
desc. node	-3860 Nov 15 j 09:00	10°♎58'51	
morning set	-3860 Nov 24 j 22:13	25°♎51'09	
	-3860 Nov 27 j 11:49	0°♏	
max. Earth dist.	-3860 Dec 01 j 03:16	6°♏00'37	1.41321 AU
superior conj	-3860 Dec 08 j 19:47	19°♏12'50	-1°-52'-46
minimum elong	-3860 Dec 08 j 17:41	19°♏03'32	1°52'50
	-3860 Dec 14 j 19:33	0°♐	
evening rise	-3860 Dec 19 j 07:50	8°♐20'06	
asc. node	-3860 Dec 30 j 22:38	28°♐31'43	
	-3860 Dec 31 j 23:29	0°♑	
evening max el	-3859 Jan 04 j 15:14	4°♑20'53	18°13'23
retrograde	-3859 Jan 11 j 15:15	7°♑52'17	
evening set	-3859 Jan 14 j 04:51	7°♑24'43	
inferior conj	-3859 Jan 21 j 04:55	2°♑35'41	4°01'22
minimum elong	-3859 Jan 21 j 05:37	2°♑34'07	4°01'11
	-3859 Jan 24 j 03:04	30°℞♐	
min. Earth dist.	-3859 Jan 24 j 11:28	29°♐42'04	0.60255 AU
morning rise	-3859 Jan 28 j 03:33	26°♐58'52	
direct	-3859 Feb 03 j 21:05	24°♐53'19	
desc. node	-3859 Feb 11 j 08:26	27°♐13'05	
	-3859 Feb 15 j 05:48	0°♑	
morning max el	-3859 Feb 18 j 01:10	2°♑32'19	27°19'01
	-3859 Mar 10 j 01:39	0°♒	
morning set	-3859 Mar 21 j 08:19	21°♒25'07	
	-3859 Mar 25 j 09:33	0°♓	
max. Earth dist.	-3859 Mar 27 j 21:53	5°♓27'51	1.32574 AU
superior conj	-3859 Mar 28 j 12:35	6°♓48'11	0°-4'-8
minimum elong	-3859 Mar 28 j 12:46	6°♓49'12	0°04'11
behind sun begin	-3859 Mar 28 j 07:54	6°♓22'36	
behind sun end	-3859 Mar 28 j 17:38	7°♓15'48	
asc. node	-3859 Mar 28 j 22:06	7°♓40'12	
evening rise	-3859 Apr 04 j 12:39	21°♓56'21	
	-3859 Apr 08 j 11:24	0°♈	
	-3859 Apr 27 j 04:22	0°♉	
evening max el	-3859 May 02 j 03:52	5°♉23'45	25°42'00
desc. node	-3859 May 10 j 07:10	11°♉14'21	
retrograde	-3859 May 16 j 05:46	12°♉37'16	
evening set	-3859 May 21 j 23:21	11°♉18'48	
min. Earth dist.	-3859 May 26 j 16:14	8°♉33'58	0.58414 AU
inferior conj	-3859 May 29 j 23:04	6°♉11'55	-4°-8'-34
minimum elong	-3859 May 29 j 20:08	6°♉17'14	4°08'12
morning rise	-3859 Jun 06 j 20:51	1°♉49'47	
direct	-3859 Jun 09 j 08:18	1°♉30'02	
morning max el	-3859 Jun 17 j 12:55	5°♉21'58	18°43'05
asc. node	-3859 Jun 24 j 21:39	14°♉57'45	
	-3859 Jul 03 j 04:23	0°♊	
morning set	-3859 Jul 03 j 21:20	1°♊22'13	
superior conj	-3859 Jul 12 j 17:11	18°♊24'49	1°49'08
minimum elong	-3859 Jul 12 j 17:14	18°♊25'02	1°49'18
	-3859 Jul 19 j 00:45	0°♋	
max. Earth dist.	-3859 Jul 19 j 18:02	1°♋16'41	1.39333 AU
evening rise	-3859 Jul 23 j 21:05	8°♋26'07	
desc. node	-3859 Aug 06 j 06:10	29°♋48'44	
	-3859 Aug 06 j 09:10	0°♌	
evening max el	-3859 Aug 28 j 03:52	28°♌23'11	24°04'20
	-3859 Aug 29 j 20:32	0°♍	
retrograde	-3859 Sep 08 j 02:46	4°♍49'57	
evening set	-3859 Sep 13 j 09:25	2°♍36'49	
	-3859 Sep 15 j 21:40	30°℞♌	
min. Earth dist.	-3859 Sep 18 j 05:00	27°♌00'51	0.67324 AU
inferior conj	-3859 Sep 18 j 18:14	26°♌16'01	0°-43'-2
minimum elong	-3859 Sep 18 j 19:14	26°♌12'36	0°42'32
asc. node	-3859 Sep 20 j 20:46	23°♌29'53	
morning rise	-3859 Sep 24 j 05:16	20°♌06'01	
direct	-3859 Sep 28 j 01:38	18°♌41'44	
morning max el	-3859 Oct 06 j 05:43	23°♌28'54	20°43'43
	-3859 Oct 11 j 18:35	0°♍	
greatest brilliancy	-3859 Oct 12 j 06:51	0°♍40'05	-0.5m
	-3859 Nov 01 j 07:43	0°♎	
desc. node	-3859 Nov 02 j 05:54	1°♎25'37	
morning set	-3859 Nov 04 j 00:56	4°♎12'22	
max. Earth dist.	-3859 Nov 13 j 09:52	19°♎03'39	1.43065 AU
superior conj	-3859 Nov 19 j 21:22	29°♎43'25	-1°-37'-4
minimum elong	-3859 Nov 19 j 15:34	29°♎19'10	1°36'42
	-3859 Nov 20 j 01:20	0°♏	
evening rise	-3859 Dec 02 j 00:30	20°♏40'48	
	-3859 Dec 07 j 07:28	0°♐	
asc. node	-3859 Dec 17 j 19:42	16°♐05'38	
evening max el	-3859 Dec 19 j 02:44	17°♐29'26	18°08'22
retrograde	-3859 Dec 25 j 17:18	20°♐57'39	
evening set	-3859 Dec 28 j 09:45	20°♐22'39	
inferior conj	-3858 Jan 03 j 22:05	15°♐12'00	3°58'05
minimum elong	-3858 Jan 03 j 20:30	15°♐16'02	3°57'47
min. Earth dist.	-3858 Jan 06 j 17:38	12°♐21'16	0.62213 AU
morning rise	-3858 Jan 10 j 05:10	9°♐20'40	
direct	-3858 Jan 17 j 06:19	6°♐46'09	
desc. node	-3858 Jan 29 j 05:29	12°♐38'31	
morning max el	-3858 Jan 31 j 05:20	14°♐30'15	27°42'32
	-3858 Feb 12 j 19:59	0°♑	
	-3858 Mar 02 j 12:18	0°♒	
morning set	-3858 Mar 05 j 12:21	5°♒58'38	
max. Earth dist.	-3858 Mar 11 j 08:21	18°♒12'59	1.32852 AU
superior conj	-3858 Mar 12 j 22:49	21°♒40'44	0°-29'-19
minimum elong	-3858 Mar 13 j 00:08	21°♒47'53	0°29'10
asc. node	-3858 Mar 15 j 19:05	27°♒51'30	
	-3858 Mar 16 j 18:48	0°♓	
evening rise	-3858 Mar 20 j 00:09	6°♓53'40	
	-3858 Apr 01 j 06:44	0°♈	
evening max el	-3858 Apr 13 j 20:13	16°♈16'04	24°15'49
desc. node	-3858 Apr 27 j 04:17	23°♈14'03	
retrograde	-3858 Apr 27 j 17:03	23°♈14'42	
evening set	-3858 May 02 j 03:12	22°♈30'53	
min. Earth dist.	-3858 May 08 j 07:56	19°♈27'49	0.56637 AU
inferior conj	-3858 May 10 j 22:12	17°♈49'51	-3°-21'-38
minimum elong	-3858 May 10 j 16:27	17°♈58'58	3°20'19
morning rise	-3858 May 19 j 09:44	13°♈45'59	
direct	-3858 May 21 j 21:12	13°♈29'30	
morning max el	-3858 May 31 j 11:10	17°♈56'18	19°36'53
	-3858 Jun 09 j 13:13	0°♉	
asc. node	-3858 Jun 11 j 18:41	3°♉53'19	
morning set	-3858 Jun 17 j 21:55	15°♉41'47	
	-3858 Jun 25 j 00:43	0°♊	
superior conj	-3858 Jun 26 j 00:34	1°♊58'04	1°44'48
minimum elong	-3858 Jun 25 j 22:53	1°♊49'46	1°44'51

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3858 Jul 01 j 20:23	13°♊09'43	1.37416 AU	
evening rise	-3858 Jul 05 j 18:14	20°♊18'28		
	-3858 Jul 11 j 08:26	0°♋		
desc. node	-3858 Jul 24 j 03:11	19°♋59'25		
	-3858 Jul 31 j 09:13	0°♌		
evening max el	-3858 Aug 10 j 14:30	11°♌53'48	25°20'44	
retrograde	-3858 Aug 22 j 13:48	18°♌49'57		
evening set	-3858 Aug 28 j 11:31	16°♌19'08		
min. Earth dist.	-3858 Sep 01 j 22:09	11°♌19'32	0.66895 AU	
inferior conj	-3858 Sep 02 j 22:24	10°♌00'29	-1°-35'-53	
minimum elong	-3858 Sep 03 j 00:37	9°♌53'14	1°34'54	
asc. node	-3858 Sep 07 j 17:52	4°♌36'10		
morning rise	-3858 Sep 08 j 14:16	3°♌58'46		
direct	-3858 Sep 11 j 23:38	2°♌52'11		
morning max el	-3858 Sep 19 j 08:18	7°♌06'00	19°38'14	
greatest brilliancy	-3858 Sep 27 j 21:31	18°♌00'23	-0.7m	
	-3858 Oct 05 j 21:55	0°♍		
morning set	-3858 Oct 14 j 00:53	12°♍33'01		
desc. node	-3858 Oct 20 j 02:50	22°♍02'00		
	-3858 Oct 25 j 04:26	0°♎		
max. Earth dist.	-3858 Oct 26 j 22:49	2°♎47'50	1.44281 AU	
superior conj	-3858 Oct 30 j 19:28	8°♎57'28	-1°-4'-34	
minimum elong	-3858 Oct 30 j 12:39	8°♎30'05	1°03'50	
	-3858 Nov 12 j 15:10	0°♏		
evening rise	-3858 Nov 13 j 21:41	2°♏08'05		
	-3858 Dec 01 j 21:02	0°♐		
evening max el	-3858 Dec 02 j 15:23	0°♐48'48	18°22'19	
asc. node	-3858 Dec 04 j 16:47	2°♐38'53		
retrograde	-3858 Dec 09 j 05:05	4°♐24'38		
evening set	-3858 Dec 12 j 01:29	3°♐40'50		
	-3858 Dec 16 j 13:01	30°℞♏		
inferior conj	-3858 Dec 18 j 04:34	28°♏10'48	3°36'34	
minimum elong	-3858 Dec 18 j 01:44	28°♏18'49	3°35'56	
min. Earth dist.	-3858 Dec 20 j 09:46	25°♏40'36	0.63929 AU	
morning rise	-3858 Dec 24 j 00:29	22°♏08'59		
direct	-3858 Dec 30 j 23:26	19°♏19'58		
morning max el	-3857 Jan 13 j 13:38	27°♏03'49	27°30'01	
desc. node	-3857 Jan 16 j 02:31	29°♏42'43		
	-3857 Jan 16 j 08:48	0°♐		
	-3857 Feb 06 j 10:29	0°♑		
morning set	-3857 Feb 17 j 09:03	20°♑06'16		
	-3857 Feb 22 j 05:51	0°♒		
max. Earth dist.	-3857 Feb 22 j 11:52	0°♒31'23	1.33520 AU	
superior conj	-3857 Feb 25 j 05:52	6°♒19'47	0°-53'-53	
minimum elong	-3857 Feb 25 j 08:12	6°♒32'12	0°53'36	
asc. node	-3857 Mar 02 j 16:05	17°♒56'21		
evening rise	-3857 Mar 04 j 11:31	21°♒45'53		
	-3857 Mar 08 j 12:25	0°♓		
evening max el	-3857 Mar 26 j 12:56	26°♓58'34	22°41'34	
	-3857 Mar 30 j 04:01	0°♈		
retrograde	-3857 Apr 08 j 15:54	3°♈24'24		
evening set	-3857 Apr 11 j 20:05	3°♈02'19		
desc. node	-3857 Apr 14 j 01:25	2°♈22'26		
	-3857 Apr 19 j 00:26	30°℞♓		
min. Earth dist.	-3857 Apr 19 j 22:18	29°♓29'05	0.55468 AU	
inferior conj	-3857 Apr 21 j 03:04	28°♓47'46	-1°-54'-17	
minimum elong	-3857 Apr 20 j 22:13	28°♓54'45	1°52'47	
morning rise	-3857 Apr 30 j 02:47	24°♓50'57		
direct	-3857 May 02 j 16:48	24°♓35'21		
morning max el	-3857 May 13 j 23:00	29°♓51'05	20°50'26	
	-3857 May 14 j 02:48	0°♈		
asc. node	-3857 May 29 j 15:41	23°♈17'06		
morning set	-3857 Jun 02 j 04:21	0°♉21'25		
	-3857 Jun 02 j 00:10	0°♉		

superior conj	-3857 Jun 09 j 19:11	16°♉06'47	1°33'31	
minimum elong	-3857 Jun 09 j 16:39	15°♉53'49	1°33'21	
max. Earth dist.	-3857 Jun 14 j 04:30	24°♉56'13	1.35738 AU	
	-3857 Jun 16 j 19:07	0°♊		
evening rise	-3857 Jun 18 j 11:55	3°♊13'07		
	-3857 Jul 04 j 06:45	0°♋		
desc. node	-3857 Jul 11 j 00:15	9°♋46'47		
evening max el	-3857 Jul 24 j 01:30	25°♋24'49	26°24'55	
	-3857 Jul 29 j 13:48	0°♌		
retrograde	-3857 Aug 05 j 20:05	2°♌39'16		
evening set	-3857 Aug 12 j 07:45	29°♋56'06		
	-3857 Aug 12 j 05:54	30°℞♋		
min. Earth dist.	-3857 Aug 16 j 10:13	25°♋34'49	0.66119 AU	
inferior conj	-3857 Aug 17 j 22:37	23°♋43'07	-2°-26'-12	
minimum elong	-3857 Aug 18 j 01:51	23°♋33'11	2°24'56	
morning rise	-3857 Aug 23 j 20:52	17°♋52'48		
asc. node	-3857 Aug 25 j 14:57	17°♋09'45		
direct	-3857 Aug 26 j 21:35	17°♋00'29		
morning max el	-3857 Sep 02 j 17:09	20°♋49'32	18°47'47	
	-3857 Sep 09 j 20:34	0°♌		
morning set	-3857 Sep 23 j 19:49	21°♌52'38		
	-3857 Sep 28 j 22:21	0°♍		
desc. node	-3857 Oct 06 j 23:48	12°♍44'16		
superior conj	-3857 Oct 09 j 21:46	17°♍19'52	0°-18'-26	
minimum elong	-3857 Oct 09 j 19:21	17°♍10'20	0°18'05	
max. Earth dist.	-3857 Oct 09 j 15:46	16°♍56'14	1.44821 AU	
	-3857 Oct 17 j 22:15	0°♎		
evening rise	-3857 Oct 25 j 19:09	12°♎33'37		
	-3857 Nov 05 j 17:13	0°♏		
evening max el	-3857 Nov 16 j 02:37	14°♏14'11	18°54'07	
asc. node	-3857 Nov 21 j 13:52	17°♏56'19		
retrograde	-3857 Nov 22 j 22:47	18°♏06'50		
evening set	-3857 Nov 26 j 00:54	17°♏12'11		
inferior conj	-3857 Dec 01 j 20:50	11°♏25'26	3°02'44	
minimum elong	-3857 Dec 01 j 17:40	11°♏35'09	3°01'48	
min. Earth dist.	-3857 Dec 03 j 11:30	9°♏26'32	0.65308 AU	
morning rise	-3857 Dec 07 j 09:24	5°♏16'06		
direct	-3857 Dec 13 j 23:07	2°♏27'18		
morning max el	-3857 Dec 26 j 23:15	10°♏01'10	26°46'02	
desc. node	-3856 Jan 02 j 23:32	17°♏56'58		
	-3856 Jan 11 j 19:55	0°♐		
	-3856 Jan 29 j 20:57	0°♑		
morning set	-3856 Jan 31 j 19:01	3°♑37'03		
max. Earth dist.	-3856 Feb 05 j 04:54	12°♑14'43	1.34625 AU	
superior conj	-3856 Feb 09 j 07:39	20°♑38'32	-1°-16'-38	
minimum elong	-3856 Feb 09 j 10:40	20°♑54'14	1°16'21	
	-3856 Feb 13 j 18:55	0°♒		
evening rise	-3856 Feb 16 j 20:58	6°♒27'00		
asc. node	-3856 Feb 17 j 13:06	7°♒50'14		
	-3856 Feb 29 j 20:55	0°♓		
evening max el	-3856 Mar 07 j 12:17	7°♓58'27	21°12'31	
retrograde	-3856 Mar 19 j 05:48	13°♓35'13		
evening set	-3856 Mar 21 j 17:00	13°♓21'13		
inferior conj	-3856 Mar 30 j 22:36	9°♓22'31	0°00'-2	
minimum elong	-3856 Mar 30 j 22:36	9°♓22'31	0°00'07	
transit middle	-3856 Mar 30 j 22:36	9°♓22'31	0°00'07	
transit begin	-3856 Mar 30 j 18:30	9°♓28'19		
transit end	-3856 Mar 31 j 02:42	9°♓16'43		
desc. node	-3856 Mar 30 j 22:32	9°♓22'36		
min. Earth dist.	-3856 Mar 31 j 12:29	9°♓02'52	0.55173 AU	
morning rise	-3856 Apr 09 j 03:36	5°♓16'00		
direct	-3856 Apr 12 j 05:03	4°♓55'30		
morning max el	-3856 Apr 25 j 00:03	11°♓04'21	22°20'27	
	-3856 May 08 j 18:33	0°♈		
asc. node	-3856 May 15 j 12:43	13°♈01'54		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3856 May 16 j 14:29	15°♈15'00	
superior conj	-3856 May 23 j 21:34	0°♉40'31	1°17'08
minimum elong	-3856 May 23 j 18:55	0°♉26'29	1°16'49
	-3856 May 23 j 13:54	0°♉	
max. Earth dist.	-3856 May 26 j 22:31	7°♉01'07	1.34411 AU
evening rise	-3856 May 31 j 20:52	16°♉55'07	
	-3856 Jun 07 j 21:46	0°♊	
desc. node	-3856 Jun 26 j 21:20	29°♊00'46	
	-3856 Jun 27 j 16:03	0°♋	
evening max el	-3856 Jul 05 j 13:02	8°♋48'30	27°08'46
retrograde	-3856 Jul 18 j 20:59	16°♋10'39	
evening set	-3856 Jul 25 j 19:31	13°♋23'59	
min. Earth dist.	-3856 Jul 29 j 14:53	9°♋40'47	0.64974 AU
inferior conj	-3856 Jul 31 j 16:42	7°♋19'56	-3°-11'-42
minimum elong	-3856 Jul 31 j 20:29	7°♋09'11	3°10'31
morning rise	-3856 Aug 06 j 22:49	1°♋44'25	
direct	-3856 Aug 09 j 17:19	1°♋03'05	
asc. node	-3856 Aug 11 j 12:04	1°♋20'04	
morning max el	-3856 Aug 16 j 06:15	4°♋35'35	18°13'53
	-3856 Sep 02 j 05:38	0°♌	
morning set	-3856 Sep 03 j 18:08	2°♌31'53	
superior conj	-3856 Sep 18 j 00:30	25°♌47'54	0°30'32
minimum elong	-3856 Sep 18 j 04:09	26°♌02'28	0°30'09
	-3856 Sep 20 j 15:55	0°♍	
max. Earth dist.	-3856 Sep 21 j 09:55	1°♍11'16	1.44633 AU
desc. node	-3856 Sep 22 j 20:46	3°♍28'54	
evening rise	-3856 Oct 04 j 16:14	21°♍57'17	
	-3856 Oct 09 j 20:40	0°♎	
greatest brilliancy	-3856 Oct 21 j 06:59	17°♎17'15	-0.7m
evening max el	-3856 Oct 29 j 10:06	27°♎41'18	19°42'14
	-3856 Oct 31 j 23:18	0°♏	
retrograde	-3856 Nov 05 j 19:25	1°♏59'03	
asc. node	-3856 Nov 07 j 10:58	1°♏43'19	
evening set	-3856 Nov 09 j 05:20	0°♏51'01	
	-3856 Nov 10 j 07:59	30°℞♎	
inferior conj	-3856 Nov 14 j 19:56	24°♎50'34	2°20'30
minimum elong	-3856 Nov 14 j 17:07	24°♎59'46	2°19'29
min. Earth dist.	-3856 Nov 15 j 21:18	23°♎27'36	0.66328 AU
morning rise	-3856 Nov 20 j 04:13	18°♎36'09	
direct	-3856 Nov 26 j 04:27	15°♎59'03	
morning max el	-3856 Dec 08 j 08:21	23°♎10'19	25°38'22
	-3856 Dec 14 j 10:31	0°♏	
desc. node	-3856 Dec 19 j 20:33	6°♏59'58	
	-3855 Jan 04 j 04:03	0°♐	
morning set	-3855 Jan 13 j 13:35	16°♐16'04	
max. Earth dist.	-3855 Jan 17 j 10:24	23°♐28'11	1.36178 AU
	-3855 Jan 20 j 19:26	0°♑	
superior conj	-3855 Jan 23 j 01:25	4°♑27'46	-1°-35'-59
minimum elong	-3855 Jan 23 j 04:32	4°♑43'21	1°35'51
evening rise	-3855 Jan 31 j 02:30	20°♑49'47	
asc. node	-3855 Feb 03 j 10:08	27°♑27'09	
	-3855 Feb 04 j 17:50	0°♒	
evening max el	-3855 Feb 17 j 21:38	19°♒30'20	19°57'38
retrograde	-3855 Feb 27 j 22:29	24°♒16'08	
evening set	-3855 Mar 02 j 05:48	24°♒02'11	
inferior conj	-3855 Mar 10 j 22:37	20°♒01'23	1°50'09
minimum elong	-3855 Mar 11 j 02:55	19°♒54'48	1°48'44
min. Earth dist.	-3855 Mar 13 j 02:36	18°♒42'05	0.55805 AU
desc. node	-3855 Mar 17 j 19:40	16°♒13'56	
morning rise	-3855 Mar 19 j 21:06	15°♒29'54	
direct	-3855 Mar 23 j 21:53	14°♒54'01	
morning max el	-3855 Apr 06 j 17:07	21°♒46'28	23°59'21
	-3855 Apr 13 j 20:25	0°♓	
	-3855 Apr 30 j 23:22	0°♈	

morning set	-3855 May 01 j 02:28	0°♈16'13	
asc. node	-3855 May 02 j 09:45	3°♈01'15	
superior conj	-3855 May 08 j 05:04	15°♈30'44	0°57'06
minimum elong	-3855 May 08 j 02:49	15°♈18'38	0°56'44
max. Earth dist.	-3855 May 10 j 02:07	19°♈32'08	1.33449 AU
	-3855 May 15 j 02:37	0°♉	
evening rise	-3855 May 15 j 16:40	1°♉10'54	
	-3855 May 31 j 20:46	0°♊	
desc. node	-3855 Jun 13 j 18:25	17°♊27'26	
evening max el	-3855 Jun 17 j 23:26	21°♊52'43	27°25'21
retrograde	-3855 Jul 01 j 15:56	29°♊16'11	
evening set	-3855 Jul 08 j 19:37	26°♊37'57	
min. Earth dist.	-3855 Jul 12 j 10:14	23°♊28'19	0.63453 AU
inferior conj	-3855 Jul 15 j 02:00	20°♊45'46	-3°-49'-14
minimum elong	-3855 Jul 15 j 05:33	20°♊36'42	3°48'25
morning rise	-3855 Jul 21 j 17:28	15°♊28'22	
direct	-3855 Jul 24 j 07:56	14°♊55'20	
asc. node	-3855 Jul 29 j 09:09	16°♊59'13	
morning max el	-3855 Jul 30 j 21:10	18°♊19'51	17°57'38
	-3855 Aug 08 j 08:22	0°♋	
morning set	-3855 Aug 16 j 17:32	14°♋22'55	
	-3855 Aug 25 j 19:34	0°♌	
superior conj	-3855 Aug 28 j 23:57	5°♌18'54	1°10'21
minimum elong	-3855 Aug 29 j 05:44	5°♌42'51	1°09'51
max. Earth dist.	-3855 Sep 04 j 02:02	15°♌14'30	1.43747 AU
desc. node	-3855 Sep 09 j 17:45	24°♌13'09	
	-3855 Sep 13 j 10:44	0°♍	
evening rise	-3855 Sep 13 j 21:43	0°♍42'31	
	-3855 Oct 03 j 13:54	0°♎	
greatest brilliancy	-3855 Oct 06 j 14:37	4°♎06'32	-0.5m
evening max el	-3855 Oct 12 j 12:02	11°♎07'59	20°44'34
retrograde	-3855 Oct 20 j 16:39	15°♎58'24	
evening set	-3855 Oct 24 j 12:33	14°♎34'22	
asc. node	-3855 Oct 25 j 08:05	13°♎54'46	
inferior conj	-3855 Oct 29 j 23:30	8°♎23'32	1°32'38
minimum elong	-3855 Oct 29 j 21:29	8°♎30'23	1°31'49
min. Earth dist.	-3855 Oct 30 j 13:05	7°♎37'21	0.67004 AU
morning rise	-3855 Nov 04 j 06:00	2°♎06'31	
	-3855 Nov 07 j 23:58	30°℞♍	
direct	-3855 Nov 09 j 14:55	29°♍48'01	
	-3855 Nov 11 j 07:26	0°♎	
morning max el	-3855 Nov 20 j 17:06	6°♎24'43	24°16'26
desc. node	-3855 Dec 06 j 17:33	26°♎37'45	
	-3855 Dec 09 j 01:17	0°♏	
morning set	-3855 Dec 26 j 10:58	27°♏47'59	
	-3855 Dec 27 j 17:16	0°♐	
max. Earth dist.	-3855 Dec 30 j 07:50	4°♐37'48	1.38094 AU
superior conj	-3854 Jan 06 j 07:43	17°♐37'59	-1°-49'-46
minimum elong	-3854 Jan 06 j 09:54	17°♐48'29	1°49'49
	-3854 Jan 12 j 15:34	0°♑	
evening rise	-3854 Jan 15 j 01:50	4°♑48'06	
asc. node	-3854 Jan 21 j 07:09	16°♑41'02	
	-3854 Jan 30 j 03:41	0°♒	
evening max el	-3854 Jan 31 j 17:13	1°♒37'31	19°01'21
retrograde	-3854 Feb 09 j 05:48	5°♒42'43	
evening set	-3854 Feb 11 j 14:51	5°♒24'59	
inferior conj	-3854 Feb 19 j 14:50	1°♒09'19	3°09'48
minimum elong	-3854 Feb 19 j 19:31	1°♒01'03	3°08'40
	-3854 Feb 21 j 06:04	30°℞♑	
min. Earth dist.	-3854 Feb 22 j 17:54	28°♑58'09	0.57209 AU
morning rise	-3854 Feb 27 j 20:24	26°♑07'34	
desc. node	-3854 Mar 04 j 16:46	25°♑02'34	
direct	-3854 Mar 05 j 02:38	25°♑02'10	
	-3854 Mar 16 j 16:03	0°♒	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3854 Mar 19 j 08:08	2°♒22'32	25°34'05
	-3854 Apr 07 j 20:19	0°♓	
morning set	-3854 Apr 15 j 14:34	15°♓18'42	
asc. node	-3854 Apr 19 j 06:44	23°♓09'48	
	-3854 Apr 22 j 10:03	0°♈	
superior conj	-3854 Apr 22 j 15:34	0°♈30'05	0°34'31
minimum elong	-3854 Apr 22 j 14:06	0°♈22'04	0°34'13
max. Earth dist.	-3854 Apr 23 j 12:18	2°♈23'00	1.32839 AU
evening rise	-3854 Apr 29 j 19:54	15°♈49'19	
	-3854 May 07 j 02:20	0°♉	
	-3854 May 27 j 01:42	0°♊	
evening max el	-3854 May 31 j 06:01	4°♊23'55	27°10'05
desc. node	-3854 May 31 j 15:31	4°♊46'25	
retrograde	-3854 Jun 14 j 04:19	11°♊46'10	
evening set	-3854 Jun 21 j 04:03	9°♊30'27	
min. Earth dist.	-3854 Jun 24 j 19:30	6°♊43'26	0.61603 AU
inferior conj	-3854 Jun 27 j 23:19	3°♊52'39	-4°-14'00
minimum elong	-3854 Jun 28 j 01:24	3°♊47'56	4°13'43
	-3854 Jul 02 j 20:39	30°℞♉	
morning rise	-3854 Jul 05 j 01:31	28°♉56'12	
direct	-3854 Jul 07 j 13:49	28°♉29'26	
	-3854 Jul 12 j 02:43	0°♊	
morning max el	-3854 Jul 14 j 11:06	1°♊55'27	17°59'51
asc. node	-3854 Jul 16 j 06:14	3°♊51'35	
morning set	-3854 Jul 30 j 12:29	27°♊09'59	
	-3854 Aug 01 j 01:43	0°♋	
superior conj	-3854 Aug 10 j 03:04	16°♋12'06	1°35'49
minimum elong	-3854 Aug 10 j 07:13	16°♋30'10	1°35'40
max. Earth dist.	-3854 Aug 17 j 12:45	28°♋45'17	1.42285 AU
	-3854 Aug 18 j 06:53	0°♌	
evening rise	-3854 Aug 24 j 06:05	9°♌37'10	
desc. node	-3854 Aug 27 j 14:44	14°♌53'11	
	-3854 Sep 06 j 15:00	0°♍	
greatest brilliancy	-3854 Sep 20 j 12:23	19°♍05'44	-0.4m
evening max el	-3854 Sep 25 j 07:37	24°♍32'56	21°58'05
	-3854 Oct 04 j 00:08	0°♎	
retrograde	-3854 Oct 04 j 12:36	0°♎01'21	
	-3854 Oct 05 j 00:55	30°℞♍	
evening set	-3854 Oct 08 j 20:37	28°♍19'07	
asc. node	-3854 Oct 12 j 05:12	24°♍44'21	
inferior conj	-3854 Oct 14 j 05:29	22°♍01'29	0°41'10
minimum elong	-3854 Oct 14 j 04:33	22°♍04'44	0°40'47
min. Earth dist.	-3854 Oct 14 j 08:27	21°♍51'16	0.67360 AU
morning rise	-3854 Oct 19 j 12:16	15°♍44'37	
direct	-3854 Oct 24 j 05:55	13°♍47'33	
morning max el	-3854 Nov 03 j 03:32	19°♍41'49	22°49'53
greatest brilliancy	-3854 Nov 07 j 22:21	25°♍04'24	-0.3m
	-3854 Nov 11 j 19:29	0°♎	
desc. node	-3854 Nov 23 j 14:31	16°♎39'48	
	-3854 Dec 02 j 06:43	0°♏	
morning set	-3854 Dec 07 j 05:19	7°♏58'41	
max. Earth dist.	-3854 Dec 12 j 04:07	16°♏16'48	1.40159 AU
superior conj	-3854 Dec 19 j 21:55	29°♏57'04	-1°-55'-2
minimum elong	-3854 Dec 19 j 21:48	29°♏56'29	1°55'11
	-3854 Dec 19 j 22:34	0°♐	
evening rise	-3854 Dec 29 j 16:10	18°♐14'52	
	-3853 Jan 04 j 23:52	0°♑	
asc. node	-3853 Jan 08 j 04:11	5°♑24'22	
evening max el	-3853 Jan 14 j 21:15	14°♑15'26	18°25'11
retrograde	-3853 Jan 22 j 07:36	17°♑55'01	
evening set	-3853 Jan 24 j 19:26	17°♑31'30	
inferior conj	-3853 Feb 01 j 03:33	12°♑55'25	3°51'56
minimum elong	-3853 Feb 01 j 05:52	12°♑50'38	3°51'32
min. Earth dist.	-3853 Feb 04 j 12:50	10°♑10'11	0.59086 AU
morning rise	-3853 Feb 08 j 12:52	7°♑29'00	
direct	-3853 Feb 14 j 20:28	5°♑44'44	
desc. node	-3853 Feb 19 j 13:51	6°♑40'35	
morning max el	-3853 Mar 01 j 02:43	13°♑20'05	26°49'21
	-3853 Mar 14 j 08:12	0°♒	
	-3853 Mar 30 j 21:59	0°♓	
morning set	-3853 Mar 31 j 01:06	0°♓16'13	
asc. node	-3853 Apr 06 j 03:42	13°♓23'14	
superior conj	-3853 Apr 07 j 03:19	15°♓32'27	0°10'17
minimum elong	-3853 Apr 07 j 02:51	15°♓29'57	0°10'09
behind sun begin	-3853 Apr 06 j 23:00	15°♓08'52	
behind sun end	-3853 Apr 07 j 06:42	15°♓51'02	
max. Earth dist.	-3853 Apr 07 j 01:30	15°♓22'33	1.32568 AU
	-3853 Apr 13 j 20:02	0°♈	
evening rise	-3853 Apr 14 j 04:00	0°♈41'41	
	-3853 Apr 30 j 07:10	0°♉	
evening max el	-3853 May 13 j 06:55	16°♉14'40	26°22'23
desc. node	-3853 May 18 j 12:36	20°♉29'57	
retrograde	-3853 May 27 j 08:55	23°♉33'18	
evening set	-3853 Jun 02 j 16:47	21°♉52'27	
min. Earth dist.	-3853 Jun 06 j 19:59	19°♉11'33	0.59570 AU
inferior conj	-3853 Jun 10 j 05:05	16°♉32'26	-4°-18'-46
minimum elong	-3853 Jun 10 j 04:15	16°♉34'05	4°18'39
morning rise	-3853 Jun 17 j 19:23	11°♉58'02	
direct	-3853 Jun 20 j 06:46	11°♉36'08	
morning max el	-3853 Jun 27 j 21:14	15°♉15'05	18°21'27
asc. node	-3853 Jul 03 j 03:17	21°♉42'17	
	-3853 Jul 08 j 04:09	0°♊	
morning set	-3853 Jul 13 j 22:01	10°♊41'01	
superior conj	-3853 Jul 23 j 06:56	28°♊19'58	1°47'33
minimum elong	-3853 Jul 23 j 08:23	28°♊26'34	1°47'41
	-3853 Jul 24 j 04:51	0°♋	
max. Earth dist.	-3853 Jul 30 j 17:26	11°♋32'55	1.40458 AU
evening rise	-3853 Aug 04 j 10:52	19°♋30'49	
	-3853 Aug 10 j 23:24	0°♌	
desc. node	-3853 Aug 14 j 11:42	5°♌25'34	
	-3853 Aug 31 j 22:45	0°♍	
greatest brilliancy	-3853 Sep 01 j 15:49	0°♍53'12	-0.2m
evening max el	-3853 Sep 07 j 21:56	7°♍58'44	23°18'01
retrograde	-3853 Sep 18 j 05:50	14°♍05'39	
evening set	-3853 Sep 23 j 03:45	12°♍03'58	
min. Earth dist.	-3853 Sep 28 j 04:55	6°♍08'01	0.67420 AU
inferior conj	-3853 Sep 28 j 12:07	5°♍43'15	0°-12'-9
minimum elong	-3853 Sep 28 j 12:24	5°♍42'16	0°11'59
transit middle	-3853 Sep 28 j 12:24	5°♍42'16	0°11'59
transit begin	-3853 Sep 28 j 10:34	5°♍48'36	
transit end	-3853 Sep 28 j 14:15	5°♍35'57	
asc. node	-3853 Sep 29 j 02:19	4°♍54'34	
	-3853 Oct 03 j 06:30	30°℞♌	
morning rise	-3853 Oct 03 j 21:05	29°♌29'36	
direct	-3853 Oct 08 j 00:42	27°♌53'47	
	-3853 Oct 13 j 07:31	0°♍	
morning max el	-3853 Oct 16 j 18:46	3°♍04'21	21°27'03
greatest brilliancy	-3853 Oct 21 j 23:56	9°♍05'47	-0.4m
	-3853 Nov 05 j 20:36	0°♎	
desc. node	-3853 Nov 10 j 11:28	6°♎59'03	
morning set	-3853 Nov 16 j 19:34	16°♎49'40	
max. Earth dist.	-3853 Nov 24 j 05:45	28°♎46'55	1.42105 AU
	-3853 Nov 24 j 23:28	0°♏	
superior conj	-3853 Dec 01 j 14:28	11°♏11'00	-1°-48'-5
minimum elong	-3853 Dec 01 j 10:44	10°♏54'54	1°48'01
	-3853 Dec 12 j 04:19	0°♐	
evening rise	-3853 Dec 12 j 17:55	1°♐01'49	
asc. node	-3853 Dec 26 j 01:15	23°♐27'08	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3853 Dec 29 j 06:55	27°♐15'27	18°09'00
	-3852 Jan 01 j 23:51	0°♑	
retrograde	-3852 Jan 05 j 01:47	0°♑43'53	
evening set	-3852 Jan 07 j 16:31	0°♑13'20	
	-3852 Jan 08 j 05:17	30°℞♐	
inferior conj	-3852 Jan 14 j 11:18	25°♐15'20	4°02'39
minimum elong	-3852 Jan 14 j 10:55	25°♐16'15	4°02'29
min. Earth dist.	-3852 Jan 17 j 14:05	22°♐20'01	0.61102 AU
morning rise	-3852 Jan 21 j 02:46	19°♐31'47	
direct	-3852 Jan 28 j 01:03	17°♐11'57	
desc. node	-3852 Feb 06 j 10:56	20°♐53'02	
morning max el	-3852 Feb 11 j 03:16	24°♐54'13	27°33'27
	-3852 Feb 15 j 20:09	0°♑	
	-3852 Mar 06 j 14:55	0°♒	
morning set	-3852 Mar 14 j 08:07	15°♒00'35	
max. Earth dist.	-3852 Mar 20 j 13:58	28°♒16'26	1.32645 AU
	-3852 Mar 21 j 09:00	0°♓	
superior conj	-3852 Mar 21 j 14:35	0°♓30'25	0°-14'-48
minimum elong	-3852 Mar 21 j 15:15	0°♓34'04	0°14'46
behind sun begin	-3852 Mar 21 j 13:26	0°♓24'10	
behind sun end	-3852 Mar 21 j 17:04	0°♓43'58	
asc. node	-3852 Mar 23 j 00:40	3°♓36'29	
evening rise	-3852 Mar 28 j 14:48	15°♓39'13	
	-3852 Apr 04 j 19:59	0°♈	
evening max el	-3852 Apr 24 j 01:52	27°♈25'09	25°07'17
	-3852 Apr 27 j 00:48	0°♉	
desc. node	-3852 May 04 j 09:43	4°♉01'30	
retrograde	-3852 May 08 j 03:06	4°♉33'52	
evening set	-3852 May 13 j 07:40	3°♉31'34	
min. Earth dist.	-3852 May 18 j 14:11	0°♉40'13	0.57610 AU
	-3852 May 19 j 14:17	30°℞♈	
inferior conj	-3852 May 21 j 15:55	28°♈34'57	-3°-53'-36
minimum elong	-3852 May 21 j 11:32	28°♈42'29	3°52'52
morning rise	-3852 May 29 j 19:29	24°♈21'04	
direct	-3852 Jun 01 j 06:44	24°♈02'56	
morning max el	-3852 Jun 10 j 00:32	28°♈08'17	19°03'22
	-3852 Jun 11 j 20:01	0°♉	
asc. node	-3852 Jun 19 j 00:18	10°♉17'12	
morning set	-3852 Jun 26 j 18:02	24°♉45'15	
	-3852 Jun 29 j 09:42	0°♊	
superior conj	-3852 Jul 05 j 05:49	11°♊26'04	1°48'17
minimum elong	-3852 Jul 05 j 05:01	11°♊22'13	1°48'25
max. Earth dist.	-3852 Jul 11 j 19:16	23°♊41'30	1.38507 AU
	-3852 Jul 15 j 08:29	0°♋	
evening rise	-3852 Jul 15 j 17:57	0°♋41'14	
desc. node	-3852 Jul 31 j 08:42	25°♋45'43	
	-3852 Aug 03 j 06:25	0°♌	
evening max el	-3852 Aug 20 j 09:22	21°♌28'04	24°37'55
retrograde	-3852 Aug 31 j 19:14	28°♌08'16	
evening set	-3852 Sep 06 j 08:13	25°♌47'31	
min. Earth dist.	-3852 Sep 11 j 00:00	20°♌26'28	0.67180 AU
inferior conj	-3852 Sep 11 j 17:43	19°♌27'18	-1°-5'-40
minimum elong	-3852 Sep 11 j 19:15	19°♌22'10	1°04'55
asc. node	-3852 Sep 14 j 23:27	15°♌24'53	
morning rise	-3852 Sep 17 j 06:35	13°♌20'14	
direct	-3852 Sep 20 j 22:04	12°♌03'39	
morning max el	-3852 Sep 28 j 17:01	16°♌35'36	20°14'07
greatest brilliancy	-3852 Oct 05 j 15:02	25°♌02'26	-0.6m
	-3852 Oct 09 j 03:48	0°♍	
morning set	-3852 Oct 25 j 18:02	25°♍01'30	
desc. node	-3852 Oct 27 j 08:24	27°♍30'20	
	-3852 Oct 28 j 22:48	0°♎	
max. Earth dist.	-3852 Nov 05 j 15:12	12°♎09'06	1.43655 AU
superior conj	-3852 Nov 11 j 04:20	21°♎08'47	-1°-25'-21
minimum elong	-3852 Nov 10 j 21:32	20°♎40'51	1°24'46
	-3852 Nov 16 j 12:13	0°♏	
evening rise	-3852 Nov 24 j 02:52	13°♏00'40	
	-3852 Dec 04 j 02:31	0°♐	
asc. node	-3852 Dec 11 j 22:20	10°♐37'16	
evening max el	-3852 Dec 11 j 19:21	10°♐29'46	18°12'09
retrograde	-3852 Dec 18 j 08:24	13°♐59'38	
evening set	-3852 Dec 21 j 02:29	13°♐20'57	
inferior conj	-3852 Dec 27 j 10:35	8°♐01'50	3°50'46
minimum elong	-3852 Dec 27 j 08:20	8°♐07'48	3°50'21
min. Earth dist.	-3852 Dec 30 j 00:13	5°♐18'14	0.62980 AU
morning rise	-3851 Jan 02 j 12:27	2°♐06'00	
	-3851 Jan 06 j 04:51	30°℞♏	
direct	-3851 Jan 09 j 13:55	29°♏23'23	
	-3851 Jan 13 j 02:55	0°♐	
desc. node	-3851 Jan 23 j 07:59	7°♐04'18	
morning max el	-3851 Jan 23 j 09:17	7°♐07'32	27°41'28
	-3851 Feb 09 j 22:54	0°♑	
morning set	-3851 Feb 26 j 09:22	29°♑23'59	
	-3851 Feb 26 j 16:31	0°♒	
max. Earth dist.	-3851 Mar 03 j 21:56	10°♒51'28	1.33090 AU
superior conj	-3851 Mar 05 j 23:42	15°♒18'03	0°-39'-51
minimum elong	-3851 Mar 06 j 01:29	15°♒27'35	0°39'38
asc. node	-3851 Mar 09 j 21:40	23°♒45'33	
	-3851 Mar 12 j 19:47	0°♓	
evening rise	-3851 Mar 13 j 02:29	0°♓35'17	
	-3851 Mar 29 j 17:07	0°♈	
evening max el	-3851 Apr 05 j 17:47	8°♈10'20	23°35'51
retrograde	-3851 Apr 19 j 08:33	14°♈56'28	
desc. node	-3851 Apr 21 j 06:51	14°♈48'09	
evening set	-3851 Apr 23 j 05:09	14°♈23'46	
min. Earth dist.	-3851 Apr 30 j 04:59	11°♈09'32	0.56058 AU
inferior conj	-3851 May 02 j 06:43	9°♈54'56	-2°-49'-15
minimum elong	-3851 May 02 j 00:45	10°♈03'56	2°47'39
morning rise	-3851 May 10 j 23:50	5°♈55'35	
direct	-3851 May 13 j 12:03	5°♈39'44	
morning max el	-3851 May 23 j 18:24	10°♈25'50	20°05'45
asc. node	-3851 Jun 05 j 21:19	29°♈25'36	
	-3851 Jun 06 j 04:38	0°♉	
morning set	-3851 Jun 10 j 21:25	9°♉14'12	
superior conj	-3851 Jun 18 j 18:26	25°♉15'27	1°40'44
minimum elong	-3851 Jun 18 j 16:18	25°♉04'42	1°40'42
	-3851 Jun 21 j 03:44	0°♊	
max. Earth dist.	-3851 Jun 23 j 23:46	5°♊29'48	1.36674 AU
evening rise	-3851 Jun 28 j 00:31	13°♊01'40	
	-3851 Jul 07 j 20:57	0°♋	
desc. node	-3851 Jul 18 j 05:45	15°♋47'21	
	-3851 Jul 29 j 04:18	0°♌	
evening max el	-3851 Aug 02 j 20:11	4°♌59'49	25°50'03
retrograde	-3851 Aug 15 j 04:05	12°♌04'15	
evening set	-3851 Aug 21 j 08:05	9°♌27'27	
min. Earth dist.	-3851 Aug 25 j 15:13	4°♌44'06	0.66613 AU
inferior conj	-3851 Aug 26 j 20:26	3°♌11'06	-1°-57'-41
minimum elong	-3851 Aug 26 j 23:08	3°♌02'32	1°56'32
	-3851 Aug 29 j 11:31	30°℞♋	
morning rise	-3851 Sep 01 j 14:50	27°♋13'53	
asc. node	-3851 Sep 01 j 20:34	27°♋05'19	
direct	-3851 Sep 04 j 20:20	26°♋13'38	
	-3851 Sep 11 j 16:20	0°♌	
morning max el	-3851 Sep 11 j 22:26	0°♌15'24	19°14'50
	-3851 Oct 02 j 15:23	0°♍	
morning set	-3851 Oct 05 j 00:04	3°♍41'53	
desc. node	-3851 Oct 14 j 05:20	18°♍09'20	
max. Earth dist.	-3851 Oct 19 j 06:48	26°♍07'41	1.44601 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3851 Oct 21 j 16:09	29°♍54'47	0°-46'-10
minimum elong	-3851 Oct 21 j 10:34	29°♍32'38	0°45'28
	-3851 Oct 21 j 17:28	0°♎	
evening rise	-3851 Nov 05 j 14:21	24°♎02'06	
	-3851 Nov 09 j 05:11	0°♏	
evening max el	-3851 Nov 25 j 07:41	23°♏51'34	18°33'44
asc. node	-3851 Nov 28 j 19:27	26°♏39'50	
retrograde	-3851 Dec 01 j 23:09	27°♏33'26	
evening set	-3851 Dec 04 j 21:50	26°♏45'07	
inferior conj	-3851 Dec 10 j 21:36	21°♏07'20	3°23'27
minimum elong	-3851 Dec 10 j 18:32	21°♏16'22	3°22'40
min. Earth dist.	-3851 Dec 12 j 20:24	18°♏49'55	0.64558 AU
morning rise	-3851 Dec 16 j 13:59	15°♏02'06	
direct	-3851 Dec 23 j 09:36	12°♏11'54	
morning max el	-3850 Jan 05 j 18:30	19°♏52'11	27°14'53
desc. node	-3850 Jan 10 j 05:01	24°♏40'35	
	-3850 Jan 14 j 12:24	0°♐	
	-3850 Feb 02 j 22:47	0°♑	
morning set	-3850 Feb 10 j 01:59	13°♑16'46	
max. Earth dist.	-3850 Feb 14 j 21:35	22°♑56'01	1.33937 AU
superior conj	-3850 Feb 18 j 04:47	29°♑48'43	-1°-3'-50
minimum elong	-3850 Feb 18 j 07:27	0°♒02'51	1°03'32
	-3850 Feb 18 j 06:55	0°♒	
asc. node	-3850 Feb 24 j 18:42	13°♒46'06	
evening rise	-3850 Feb 25 j 13:15	15°♒23'16	
	-3850 Mar 04 j 23:35	0°♓	
evening max el	-3850 Mar 18 j 12:33	18°♓56'43	22°02'23
retrograde	-3850 Mar 31 j 02:39	25°♓03'17	
evening set	-3850 Apr 02 j 22:01	24°♓45'47	
desc. node	-3850 Apr 08 j 03:57	22°♓52'08	
inferior conj	-3850 Apr 12 j 06:05	20°♓39'45	-1°-7'-33
minimum elong	-3850 Apr 12 j 03:00	20°♓44'06	1°06'33
min. Earth dist.	-3850 Apr 11 j 18:50	20°♓55'36	0.55229 AU
morning rise	-3850 Apr 21 j 09:20	16°♓41'32	
direct	-3850 Apr 24 j 02:51	16°♓24'49	
morning max el	-3850 May 06 j 01:33	22°♓02'40	21°27'04
	-3850 May 12 j 19:45	0°♈	
asc. node	-3850 May 23 j 18:19	18°♈59'20	
morning set	-3850 May 26 j 05:43	24°♈01'09	
	-3850 May 29 j 02:36	0°♉	
superior conj	-3850 Jun 02 j 16:47	9°♉36'31	1°27'06
minimum elong	-3850 Jun 02 j 14:07	9°♉22'42	1°26'52
max. Earth dist.	-3850 Jun 06 j 12:08	17°♉23'29	1.35129 AU
evening rise	-3850 Jun 11 j 01:19	26°♉18'25	
	-3850 Jun 13 j 00:22	0°♊	
	-3850 Jul 01 j 05:55	0°♋	
desc. node	-3850 Jul 05 j 02:50	5°♋22'19	
evening max el	-3850 Jul 16 j 07:26	18°♋28'58	26°46'21
retrograde	-3850 Jul 29 j 08:07	25°♋47'40	
evening set	-3850 Aug 05 j 01:06	23°♋01'25	
min. Earth dist.	-3850 Aug 09 j 00:17	18°♋56'54	0.65685 AU
inferior conj	-3850 Aug 10 j 18:21	16°♋52'00	-2°-46'-13
minimum elong	-3850 Aug 10 j 21:54	16°♋41'28	2°44'57
morning rise	-3850 Aug 16 j 19:48	11°♋07'52	
direct	-3850 Aug 19 j 17:36	10°♋20'38	
asc. node	-3850 Aug 19 j 17:39	10°♋20'38	
morning max el	-3850 Aug 26 j 09:30	14°♋01'21	18°31'18
	-3850 Sep 06 j 20:39	0°♌	
morning set	-3850 Sep 15 j 06:28	13°♌35'23	
	-3850 Sep 25 j 11:38	0°♍	
superior conj	-3850 Sep 30 j 15:44	8°♍11'16	0°02'50
minimum elong	-3850 Sep 30 j 16:06	8°♍12'43	0°02'51
behind sun begin	-3850 Sep 30 j 04:54	7°♍28'30	
behind sun end	-3850 Oct 01 j 03:18	8°♍56'54	
desc. node	-3850 Oct 01 j 02:20	8°♍53'06	
max. Earth dist.	-3850 Oct 02 j 00:58	10°♍22'17	1.44834 AU
	-3850 Oct 14 j 12:13	0°♎	
evening rise	-3850 Oct 17 j 01:11	4°♎00'38	
	-3850 Nov 02 j 21:31	0°♏	
evening max el	-3850 Nov 08 j 17:29	7°♏17'12	19°12'36
retrograde	-3850 Nov 15 j 18:33	11°♏19'54	
asc. node	-3850 Nov 15 j 16:34	11°♏19'52	
evening set	-3850 Nov 18 j 23:40	10°♏19'54	
inferior conj	-3850 Nov 24 j 17:06	4°♏26'39	2°45'40
minimum elong	-3850 Nov 24 j 14:01	4°♏36'24	2°44'39
min. Earth dist.	-3850 Nov 26 j 01:52	2°♏42'48	0.65784 AU
	-3850 Nov 28 j 08:50	30°℞♎	
morning rise	-3850 Nov 30 j 03:29	28°♎14'36	
direct	-3850 Dec 06 j 11:40	25°♎29'50	
	-3850 Dec 15 j 23:52	0°♏	
morning max el	-3850 Dec 19 j 04:17	2°♏56'12	26°19'38
desc. node	-3850 Dec 28 j 02:02	13°♏17'11	
	-3849 Jan 08 j 18:34	0°♐	
morning set	-3849 Jan 24 j 06:02	26°♐26'53	
	-3849 Jan 26 j 03:04	0°♑	
max. Earth dist.	-3849 Jan 28 j 09:44	4°♑24'44	1.35228 AU
superior conj	-3849 Feb 02 j 03:28	13°♑55'05	-1°-25'-24
minimum elong	-3849 Feb 02 j 06:38	14°♑11'15	1°25'09
evening rise	-3849 Feb 09 j 21:16	29°♑56'43	
	-3849 Feb 09 j 21:55	0°♒	
asc. node	-3849 Feb 11 j 15:44	3°♒33'00	
evening max el	-3849 Feb 28 j 15:46	0°♓08'05	20°38'37
	-3849 Feb 28 j 12:24	0°♓	
retrograde	-3849 Mar 11 j 16:34	5°♓23'16	
evening set	-3849 Mar 14 j 00:39	5°♓10'04	
inferior conj	-3849 Mar 23 j 01:44	1°♓12'18	0°49'08
minimum elong	-3849 Mar 23 j 03:56	1°♓09'07	0°48'19
min. Earth dist.	-3849 Mar 24 j 09:02	0°♓26'56	0.55320 AU
	-3849 Mar 25 j 03:54	30°℞♒	
desc. node	-3849 Mar 26 j 01:04	29°♒30'33	
morning rise	-3849 Apr 01 j 05:29	26°♒56'28	
direct	-3849 Apr 04 j 15:09	26°♒31'16	
	-3849 Apr 14 j 07:23	0°♓	
morning max el	-3849 Apr 17 j 22:49	3°♓00'52	23°02'13
	-3849 May 06 j 06:20	0°♈	
morning set	-3849 May 10 j 16:51	8°♈58'42	
asc. node	-3849 May 10 j 15:20	8°♈50'48	
superior conj	-3849 May 17 j 21:39	24°♈18'27	1°09'02
minimum elong	-3849 May 17 j 19:06	24°♈04'56	1°08'41
max. Earth dist.	-3849 May 20 j 10:14	29°♈38'31	1.33950 AU
	-3849 May 20 j 14:20	0°♉	
evening rise	-3849 May 25 j 15:19	10°♉16'12	
	-3849 Jun 05 j 09:34	0°♊	
desc. node	-3849 Jun 21 j 23:54	24°♊18'19	
	-3849 Jun 27 j 00:26	0°♋	
evening max el	-3849 Jun 28 j 18:30	1°♋45'11	27°19'23
retrograde	-3849 Jul 12 j 06:46	9°♋09'20	
evening set	-3849 Jul 19 j 08:22	6°♋24'18	
min. Earth dist.	-3849 Jul 23 j 01:09	2°♋56'23	0.64374 AU
inferior conj	-3849 Jul 25 j 09:02	0°♋24'43	-3°-28'-48
minimum elong	-3849 Jul 25 j 12:51	0°♋14'21	3°27'46
	-3849 Jul 25 j 18:09	30°℞♊	
morning rise	-3849 Jul 31 j 19:00	24°♊56'43	
direct	-3849 Aug 03 j 11:24	24°♊19'23	
asc. node	-3849 Aug 06 j 14:44	25°♊10'08	
morning max el	-3849 Aug 09 j 23:45	27°♊47'36	18°04'43
	-3849 Aug 11 j 23:21	0°♋	
morning set	-3849 Aug 27 j 16:00	24°♋46'23	
	-3849 Aug 30 j 18:09	0°♌	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3849 Sep 10 j 01:32	17°♌01'24	0°49'02
minimum elong	-3849 Sep 10 j 06:41	17°♌22'14	0°48'29
max. Earth dist.	-3849 Sep 14 j 18:02	24°♌32'16	1.44336 AU
desc. node	-3849 Sep 17 j 23:19	29°♌37'58	
	-3849 Sep 18 j 04:55	0°♍	
evening rise	-3849 Sep 26 j 13:49	13°♍02'53	
	-3849 Oct 07 j 15:53	0°♎	
greatest brilliancy	-3849 Oct 15 j 22:38	12°♎04'04	-0.6m
evening max el	-3849 Oct 22 j 22:42	20°♎44'01	20°07'10
retrograde	-3849 Oct 30 j 15:44	25°♎15'16	
asc. node	-3849 Nov 02 j 13:39	24°♎26'01	
evening set	-3849 Nov 03 j 05:31	24°♎00'56	
inferior conj	-3849 Nov 08 j 18:23	17°♎55'40	2°00'47
minimum elong	-3849 Nov 08 j 15:52	18°♎04'05	1°59'48
min. Earth dist.	-3849 Nov 09 j 14:38	16°♎48'07	0.66654 AU
morning rise	-3849 Nov 14 j 01:36	11°♎39'34	
direct	-3849 Nov 19 j 19:23	9°♎09'35	
morning max el	-3849 Dec 01 j 13:06	16°♎08'17	25°04'36
	-3849 Dec 13 j 01:26	0°♏	
desc. node	-3849 Dec 14 j 23:04	2°♏36'38	
	-3848 Jan 01 j 16:50	0°♐	
morning set	-3848 Jan 06 j 16:24	8°♐39'49	
max. Earth dist.	-3848 Jan 10 j 10:43	15°♐30'50	1.36949 AU
superior conj	-3848 Jan 16 j 16:52	27°♐29'08	-1°-42'-42
minimum elong	-3848 Jan 16 j 19:44	27°♐43'15	1°42'37
	-3848 Jan 17 j 23:24	0°♑	
evening rise	-3848 Jan 25 j 00:29	14°♑09'47	
asc. node	-3848 Jan 29 j 12:45	23°♑00'56	
	-3848 Feb 02 j 09:38	0°♒	
evening max el	-3848 Feb 11 j 05:42	11°♒55'40	19°31'23
retrograde	-3848 Feb 20 j 14:13	16°♒22'16	
evening set	-3848 Feb 22 j 21:50	16°♒07'09	
inferior conj	-3848 Mar 02 j 07:40	12°♒01'35	2°28'31
minimum elong	-3848 Mar 02 j 12:37	11°♒53'33	2°27'03
min. Earth dist.	-3848 Mar 04 j 23:50	10°♒18'21	0.56315 AU
morning rise	-3848 Mar 10 j 23:47	7°♒16'47	
desc. node	-3848 Mar 11 j 22:10	6°♒59'43	
direct	-3848 Mar 15 j 13:01	6°♒29'48	
morning max el	-3848 Mar 29 j 14:13	13°♒36'56	24°41'02
	-3848 Apr 11 j 08:15	0°♓	
morning set	-3848 Apr 24 j 05:04	24°♓00'51	
asc. node	-3848 Apr 26 j 12:20	28°♓54'30	
	-3848 Apr 27 j 00:32	0°♈	
superior conj	-3848 May 01 j 06:39	9°♈13'21	0°47'48
minimum elong	-3848 May 01 j 04:42	9°♈02'46	0°47'27
max. Earth dist.	-3848 May 02 j 16:50	12°♈18'00	1.33144 AU
evening rise	-3848 May 08 j 14:39	24°♈42'51	
	-3848 May 11 j 06:11	0°♉	
	-3848 May 29 j 00:01	0°♊	
desc. node	-3848 Jun 07 j 20:57	12°♊19'00	
evening max el	-3848 Jun 10 j 03:38	14°♊36'58	27°22'56
retrograde	-3848 Jun 23 j 23:16	22°♊00'24	
evening set	-3848 Jul 01 j 02:20	19°♊30'14	
min. Earth dist.	-3848 Jul 04 j 16:24	16°♊31'36	0.62701 AU
inferior conj	-3848 Jul 07 j 13:40	13°♊43'29	-4°-1'-41
minimum elong	-3848 Jul 07 j 16:46	13°♊35'56	4°01'06
morning rise	-3848 Jul 14 j 09:31	8°♊34'30	
direct	-3848 Jul 16 j 22:46	8°♊04'24	
asc. node	-3848 Jul 23 j 11:48	11°♊21'59	
morning max el	-3848 Jul 23 j 14:33	11°♊28'41	17°56'08
	-3848 Aug 05 j 00:59	0°♋	
morning set	-3848 Aug 09 j 00:23	7°♋02'52	
superior conj	-3848 Aug 20 j 12:36	27°♋06'37	1°22'57
minimum elong	-3848 Aug 20 j 17:59	27°♋29'23	1°22'35
	-3848 Aug 22 j 05:51	0°♌	
max. Earth dist.	-3848 Aug 27 j 07:43	8°♌22'00	1.43190 AU
desc. node	-3848 Sep 03 j 20:16	20°♌20'38	
evening rise	-3848 Sep 04 j 17:54	21°♌44'58	
	-3848 Sep 10 j 02:34	0°♍	
greatest brilliancy	-3848 Sep 29 j 15:11	28°♍01'13	-0.4m
	-3848 Oct 01 j 05:18	0°♎	
evening max el	-3848 Oct 04 j 22:00	4°♎10'07	21°14'49
retrograde	-3848 Oct 13 j 12:31	9°♎16'02	
evening set	-3848 Oct 17 j 13:17	7°♎44'41	
asc. node	-3848 Oct 19 j 10:46	5°♎59'02	
inferior conj	-3848 Oct 22 j 23:11	1°♎30'46	1°11'08
minimum elong	-3848 Oct 22 j 21:36	1°♎36'13	1°10'28
min. Earth dist.	-3848 Oct 23 j 08:14	0°♎59'44	0.67196 AU
	-3848 Oct 24 j 01:46	30°℞♍	
morning rise	-3848 Oct 28 j 05:33	25°♍13'27	
direct	-3848 Nov 02 j 08:01	23°♍03'38	
morning max el	-3848 Nov 12 j 21:57	29°♍22'42	23°39'33
	-3848 Nov 13 j 12:30	0°♎	
desc. node	-3848 Nov 30 j 20:03	22°♎25'42	
	-3848 Dec 05 j 21:46	0°♏	
morning set	-3848 Dec 18 j 02:47	19°♏37'53	
max. Earth dist.	-3848 Dec 22 j 06:24	26°♏47'45	1.38971 AU
	-3848 Dec 24 j 01:47	0°♐	
superior conj	-3848 Dec 29 j 16:56	10°♐19'11	-1°-53'-16
minimum elong	-3848 Dec 29 j 18:20	10°♐25'43	1°53'23
evening rise	-3847 Jan 07 j 20:20	27°♐55'04	
	-3847 Jan 08 j 22:05	0°♑	
asc. node	-3847 Jan 15 j 09:47	12°♑02'34	
evening max el	-3847 Jan 24 j 05:14	24°♑16'45	18°43'31
retrograde	-3847 Feb 01 j 05:00	28°♑08'42	
evening set	-3847 Feb 03 j 15:27	27°♑48'32	
inferior conj	-3847 Feb 11 j 08:24	23°♑24'39	3°32'03
minimum elong	-3847 Feb 11 j 12:16	23°♑17'24	3°31'15
min. Earth dist.	-3847 Feb 14 j 16:09	20°♑56'21	0.57975 AU
morning rise	-3847 Feb 19 j 05:23	18°♑11'48	
direct	-3847 Feb 24 j 23:44	16°♑50'09	
desc. node	-3847 Feb 26 j 19:16	16°♑58'15	
morning max el	-3847 Mar 11 j 05:55	24°♑17'38	26°09'17
	-3847 Mar 16 j 10:58	0°♒	
	-3847 Apr 04 j 05:59	0°♓	
morning set	-3847 Apr 08 j 16:40	9°♓01'09	
asc. node	-3847 Apr 13 j 09:20	19°♓05'04	
superior conj	-3847 Apr 15 j 17:51	24°♓13'56	0°24'24
minimum elong	-3847 Apr 15 j 16:48	24°♓08'08	0°24'09
max. Earth dist.	-3847 Apr 16 j 04:46	25°♓13'37	1.32684 AU
	-3847 Apr 18 j 09:22	0°♈	
evening rise	-3847 Apr 22 j 20:13	9°♈27'45	
	-3847 May 03 j 15:01	0°♉	
evening max el	-3847 May 23 j 08:16	26°♉52'08	26°53'45
desc. node	-3847 May 25 j 18:01	29°♉01'09	
	-3847 May 26 j 23:38	0°♊	
retrograde	-3847 Jun 06 j 08:18	4°♊12'22	
evening set	-3847 Jun 13 j 02:48	2°♊10'38	
	-3847 Jun 16 j 05:57	30°℞♉	
min. Earth dist.	-3847 Jun 16 j 21:47	29°♉28'15	0.60748 AU
inferior conj	-3847 Jun 20 j 04:51	26°♉40'06	-4°-19'-5
minimum elong	-3847 Jun 20 j 05:51	26°♉37'57	4°18'55
morning rise	-3847 Jun 27 j 11:58	21°♉52'38	
direct	-3847 Jun 29 j 23:51	21°♉27'58	
morning max el	-3847 Jul 07 j 03:09	24°♉58'00	18°06'35
asc. node	-3847 Jul 10 j 08:52	28°♉40'41	
	-3847 Jul 11 j 08:11	0°♊	
morning set	-3847 Jul 23 j 02:11	20°♊10'36	
	-3847 Jul 28 j 09:23	0°♋	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3847 Aug 02 j 02:55	8°♋33'24	1°42'20
minimum elong	-3847 Aug 02 j 05:55	8°♋46'47	1°42'20
max. Earth dist.	-3847 Aug 09 j 16:23	21°♋37'39	1.41545 AU
	-3847 Aug 14 j 18:24	0°♌	
evening rise	-3847 Aug 15 j 09:34	1°♌01'10	
desc. node	-3847 Aug 21 j 17:14	10°♌58'05	
	-3847 Sep 03 j 14:46	0°♍	
greatest brilliancy	-3847 Sep 12 j 21:16	12°♍16'01	-0.3m
evening max el	-3847 Sep 17 j 15:18	17°♍35'59	22°31'38
retrograde	-3847 Sep 27 j 07:20	23°♍20'18	
evening set	-3847 Oct 01 j 21:10	21°♍29'47	
asc. node	-3847 Oct 06 j 07:53	16°♍25'32	
inferior conj	-3847 Oct 07 j 05:40	15°♍10'36	0°18'40
minimum elong	-3847 Oct 07 j 05:14	15°♍12'07	0°18'31
min. Earth dist.	-3847 Oct 07 j 04:16	15°♍15'25	0.67430 AU
morning rise	-3847 Oct 12 j 13:11	8°♍54'59	
direct	-3847 Oct 17 j 00:45	7°♍07'03	
morning max el	-3847 Oct 26 j 10:03	12°♍41'42	22°13'45
greatest brilliancy	-3847 Oct 31 j 03:34	18°♍02'47	-0.4m
	-3847 Nov 09 j 02:28	0°♎	
desc. node	-3847 Nov 17 j 17:01	12°♎35'59	
morning set	-3847 Nov 28 j 08:39	29°♎12'12	
	-3847 Nov 28 j 20:30	0°♏	
max. Earth dist.	-3847 Dec 04 j 04:55	8°♏49'15	1.41030 AU
superior conj	-3847 Dec 11 j 22:38	22°♏12'15	-1°-53'-48
minimum elong	-3847 Dec 11 j 21:05	22°♏05'20	1°53'55
	-3847 Dec 16 j 06:12	0°♐	
evening rise	-3847 Dec 22 j 05:46	11°♐05'48	
	-3846 Jan 01 j 23:01	0°♑	
asc. node	-3846 Jan 02 j 06:50	0°♑29'38	
evening max el	-3846 Jan 07 j 11:59	7°♑04'31	18°15'47
retrograde	-3846 Jan 14 j 14:21	10°♑37'42	
evening set	-3846 Jan 17 j 03:30	10°♑11'12	
inferior conj	-3846 Jan 24 j 05:32	5°♑25'23	3°59'45
minimum elong	-3846 Jan 24 j 06:39	5°♑22'57	3°59'32
min. Earth dist.	-3846 Jan 27 j 13:04	2°♑33'14	0.59953 AU
morning rise	-3846 Jan 31 j 06:50	29°♐50'59	
	-3846 Jan 31 j 00:52	30°℞♐	
direct	-3846 Feb 06 j 22:05	27°♐50'51	
desc. node	-3846 Feb 13 j 16:22	29°♐45'18	
	-3846 Feb 14 j 02:58	0°♑	
morning max el	-3846 Feb 21 j 02:54	5°♑28'56	27°12'26
	-3846 Mar 11 j 08:36	0°♒	
morning set	-3846 Mar 24 j 01:56	23°♒53'18	
	-3846 Mar 26 j 23:27	0°♓	
superior conj	-3846 Mar 31 j 05:34	9°♓14'17	0°00'-19
minimum elong	-3846 Mar 31 j 05:35	9°♓14'22	0°00'23
behind sun begin	-3846 Mar 31 j 00:35	8°♓47'00	
behind sun end	-3846 Mar 31 j 10:35	9°♓41'44	
max. Earth dist.	-3846 Mar 30 j 18:16	8°♓12'32	1.32562 AU
asc. node	-3846 Mar 31 j 06:18	9°♓18'21	
evening rise	-3846 Apr 07 j 05:42	24°♓22'33	
	-3846 Apr 09 j 23:15	0°♈	
	-3846 Apr 27 j 21:21	0°♉	
evening max el	-3846 May 05 j 06:25	8°♉23'51	25°53'14
desc. node	-3846 May 12 j 15:07	13°♉52'50	
retrograde	-3846 May 19 j 08:25	15°♉39'02	
evening set	-3846 May 25 j 06:09	14°♉14'41	
min. Earth dist.	-3846 May 29 j 18:52	11°♉31'29	0.58705 AU
inferior conj	-3846 Jun 02 j 02:50	9°♉04'16	-4°-12'-26
minimum elong	-3846 Jun 02 j 00:27	9°♉08'41	4°12'09
morning rise	-3846 Jun 09 j 22:39	4°♉39'12	
direct	-3846 Jun 12 j 10:07	4°♉18'53	
morning max el	-3846 Jun 20 j 10:40	8°♉06'54	18°36'55
asc. node	-3846 Jun 27 j 05:54	16°♉51'05	
	-3846 Jul 04 j 15:22	0°♊	
morning set	-3846 Jul 06 j 16:37	3°♊56'43	
superior conj	-3846 Jul 15 j 15:36	21°♊08'00	1°49'03
minimum elong	-3846 Jul 15 j 16:00	21°♊09'50	1°49'12
	-3846 Jul 20 j 11:38	0°♋	
max. Earth dist.	-3846 Jul 22 j 19:41	4°♋08'45	1.39623 AU
evening rise	-3846 Jul 27 j 01:26	11°♋26'30	
	-3846 Aug 07 j 15:32	0°♌	
desc. node	-3846 Aug 08 j 14:13	1°♌25'53	
	-3846 Aug 30 j 03:27	0°♍	
evening max el	-3846 Aug 31 j 03:59	1°♍02'43	23°52'20
retrograde	-3846 Sep 10 j 23:03	7°♍24'40	
evening set	-3846 Sep 16 j 03:25	5°♍14'23	
	-3846 Sep 20 j 16:28	30°℞♌	
min. Earth dist.	-3846 Sep 21 j 00:22	29°♌33'10	0.67360 AU
inferior conj	-3846 Sep 21 j 12:04	28°♌53'23	0°-34'-56
minimum elong	-3846 Sep 21 j 12:53	28°♌50'35	0°34'30
asc. node	-3846 Sep 23 j 05:00	26°♌36'50	
morning rise	-3846 Sep 26 j 22:31	22°♌42'23	
direct	-3846 Sep 30 j 20:41	21°♌15'16	
morning max el	-3846 Oct 09 j 04:16	26°♌08'18	20°54'34
	-3846 Oct 12 j 14:46	0°♍	
greatest brilliancy	-3846 Oct 14 j 23:30	2°♍58'30	-0.5m
	-3846 Nov 02 j 14:52	0°♎	
desc. node	-3846 Nov 04 j 13:58	3°♎00'53	
morning set	-3846 Nov 07 j 13:51	7°♎39'29	
max. Earth dist.	-3846 Nov 16 j 10:12	21°♎43'45	1.42831 AU
	-3846 Nov 21 j 10:44	0°♏	
superior conj	-3846 Nov 23 j 04:14	2°♏54'11	-1°-40'-31
minimum elong	-3846 Nov 22 j 22:55	2°♏31'48	1°40'14
evening rise	-3846 Dec 05 j 00:57	23°♏33'35	
	-3846 Dec 08 j 15:50	0°♐	
asc. node	-3846 Dec 20 j 03:54	18°♐11'33	
evening max el	-3846 Dec 21 j 23:06	20°♐11'02	18°07'57
retrograde	-3846 Dec 28 j 14:35	23°♐39'06	
evening set	-3846 Dec 31 j 06:30	23°♐05'20	
inferior conj	-3845 Jan 06 j 20:26	17°♐57'57	3°59'53
minimum elong	-3845 Jan 06 j 19:08	18°♐01'12	3°59'39
min. Earth dist.	-3845 Jan 09 j 18:01	15°♐05'16	0.61927 AU
morning rise	-3845 Jan 13 j 05:32	12°♐08'24	
direct	-3845 Jan 20 j 06:13	9°♐37'11	
desc. node	-3845 Jan 31 j 13:28	14°♐52'58	
morning max el	-3845 Feb 03 j 06:18	17°♐21'20	27°41'23
	-3845 Feb 13 j 20:16	0°♑	
	-3845 Mar 03 j 23:44	0°♒	
morning set	-3845 Mar 08 j 06:51	8°♒30'23	
max. Earth dist.	-3845 Mar 14 j 05:27	21°♒00'55	1.32784 AU
superior conj	-3845 Mar 15 j 16:09	24°♒08'50	0°-25'-29
minimum elong	-3845 Mar 15 j 17:18	24°♒15'05	0°25'22
asc. node	-3845 Mar 18 j 03:17	29°♒30'27	
	-3845 Mar 18 j 08:43	0°♓	
evening rise	-3845 Mar 22 j 17:07	9°♓20'27	
	-3845 Apr 02 j 11:50	0°♈	
evening max el	-3845 Apr 16 j 23:18	19°♈20'21	24°29'31
desc. node	-3845 Apr 29 j 12:14	26°♈17'49	
retrograde	-3845 Apr 30 j 21:47	26°♈22'20	
evening set	-3845 May 05 j 12:41	25°♈34'07	
min. Earth dist.	-3845 May 11 j 11:12	22°♈34'22	0.56873 AU
inferior conj	-3845 May 14 j 05:02	20°♈48'46	-3°-31'-24
minimum elong	-3845 May 13 j 23:32	20°♈57'39	3°30'15
morning rise	-3845 May 22 j 14:31	16°♈42'37	
direct	-3845 May 25 j 01:49	16°♈25'48	
morning max el	-3845 Jun 03 j 10:23	20°♈46'38	19°27'34
	-3845 Jun 10 j 17:37	0°♉	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3845 Jun 14 j 02:56	5°♉41'26		
morning set	-3845 Jun 20 j 16:07	18°♉12'15		
	-3845 Jun 26 j 13:24	0°♊		
superior conj	-3845 Jun 28 j 20:57	4°♊34'30	1°45'57	
minimum elong	-3845 Jun 28 j 19:29	4°♊27'15	1°46'02	
max. Earth dist.	-3845 Jul 04 j 21:30	16°♊03'54	1.37692 AU	
evening rise	-3845 Jul 08 j 19:06	23°♊08'06		
	-3845 Jul 12 j 17:57	0°♋		
desc. node	-3845 Jul 26 j 11:14	21°♋38'53		
	-3845 Aug 01 j 09:52	0°♌		
evening max el	-3845 Aug 13 j 14:43	14°♌32'35	25°09'58	
retrograde	-3845 Aug 25 j 10:47	21°♌25'11		
evening set	-3845 Aug 31 j 06:13	18°♌56'53		
min. Earth dist.	-3845 Sep 04 j 18:10	13°♌51'34	0.66978 AU	
inferior conj	-3845 Sep 05 j 16:41	12°♌37'37	-1°-28'-1	
minimum elong	-3845 Sep 05 j 18:44	12°♌30'53	1°27'05	
asc. node	-3845 Sep 10 j 02:08	7°♌31'59		
morning rise	-3845 Sep 11 j 07:43	6°♌34'19		
direct	-3845 Sep 14 j 18:33	5°♌25'17		
morning max el	-3845 Sep 22 j 05:45	9°♌43'42	19°47'03	
greatest brilliancy	-3845 Sep 30 j 07:03	19°♌52'30	-0.6m	
	-3845 Oct 07 j 03:52	0°♍		
morning set	-3845 Oct 17 j 12:39	15°♍55'28		
desc. node	-3845 Oct 22 j 10:55	23°♍35'54		
	-3845 Oct 26 j 12:48	0°♎		
max. Earth dist.	-3845 Oct 29 j 22:10	5°♎22'03	1.44138 AU	
superior conj	-3845 Nov 03 j 06:21	12°♎19'09	-1°-10'-33	
minimum elong	-3845 Nov 02 j 23:21	11°♎50'55	1°09'49	
	-3845 Nov 14 j 00:03	0°♏		
evening rise	-3845 Nov 17 j 01:21	5°♏09'12		
	-3845 Dec 02 j 12:34	0°♐		
evening max el	-3845 Dec 05 j 11:48	3°♐29'15	18°19'09	
asc. node	-3845 Dec 07 j 01:01	4°♐54'58		
retrograde	-3845 Dec 12 j 01:06	7°♐03'12		
evening set	-3845 Dec 14 j 20:51	6°♐20'49		
inferior conj	-3845 Dec 21 j 01:10	0°♐53'40	3°40'44	
minimum elong	-3845 Dec 20 j 22:28	1°♐01'12	3°40'08	
	-3845 Dec 21 j 20:20	30°℞♏		
min. Earth dist.	-3845 Dec 23 j 08:38	28°♏19'29	0.63691 AU	
morning rise	-3845 Dec 26 j 22:31	24°♏53'18		
direct	-3844 Jan 02 j 22:24	22°♏05'19		
morning max el	-3844 Jan 16 j 14:05	29°♏49'44	27°34'03	
	-3844 Jan 16 j 18:13	0°♐		
desc. node	-3844 Jan 18 j 10:32	1°♐44'07		
	-3844 Feb 07 j 18:22	0°♑		
morning set	-3844 Feb 20 j 04:50	22°♑42'20		
	-3844 Feb 23 j 19:08	0°♒		
max. Earth dist.	-3844 Feb 25 j 10:08	3°♒23'23	1.33393 AU	
superior conj	-3844 Feb 27 j 23:49	8°♒50'17	0°-50'-14	
minimum elong	-3844 Feb 28 j 02:00	9°♒02'00	0°49'58	
asc. node	-3844 Mar 04 j 00:17	19°♒36'29		
evening rise	-3844 Mar 06 j 04:36	24°♒13'42		
	-3844 Mar 08 j 23:48	0°♓		
evening max el	-3844 Mar 28 j 15:39	0°♈02'48	22°55'37	
	-3844 Mar 28 j 14:29	0°♈		
retrograde	-3844 Apr 10 j 22:16	6°♈34'24		
evening set	-3844 Apr 14 j 06:17	6°♈10'05		
desc. node	-3844 Apr 15 j 09:23	5°♈51'24		
min. Earth dist.	-3844 Apr 22 j 01:46	2°♈42'12	0.55598 AU	
inferior conj	-3844 Apr 23 j 12:19	1°♈52'08	-2°-9'-52	
minimum elong	-3844 Apr 23 j 07:00	1°♈59'51	2°08'17	
	-3844 Apr 26 j 20:52	30°℞♓		
morning rise	-3844 May 02 j 10:26	27°♓55'01		
direct	-3844 May 04 j 23:46	27°♓39'29		
	-3844 May 12 j 10:18	0°♈		
morning max el	-3844 May 15 j 23:49	2°♈47'23	20°38'13	
asc. node	-3844 May 30 j 23:57	25°♈01'16		
	-3844 Jun 02 j 12:28	0°♉		
morning set	-3844 Jun 03 j 21:49	2°♉49'06		
superior conj	-3844 Jun 11 j 14:07	18°♉38'15	1°35'34	
minimum elong	-3844 Jun 11 j 11:40	18°♉25'45	1°35'28	
max. Earth dist.	-3844 Jun 16 j 04:29	27°♉49'37	1.35973 AU	
	-3844 Jun 17 j 07:20	0°♊		
evening rise	-3844 Jun 20 j 10:04	5°♊54'15		
	-3844 Jul 04 j 13:06	0°♋		
desc. node	-3844 Jul 12 j 08:17	11°♋30'03		
evening max el	-3844 Jul 26 j 01:43	28°♋04'09	26°16'31	
	-3844 Jul 28 j 03:47	0°♌		
retrograde	-3844 Aug 07 j 17:47	5°♌16'18		
evening set	-3844 Aug 14 j 03:29	2°♌34'41		
	-3844 Aug 16 j 17:15	30°℞♋		
min. Earth dist.	-3844 Aug 18 j 07:12	28°♋07'33	0.66256 AU	
inferior conj	-3844 Aug 19 j 17:38	26°♋20'44	-2°-18'-50	
minimum elong	-3844 Aug 19 j 20:45	26°♋11'06	2°17'36	
morning rise	-3844 Aug 25 j 14:49	20°♋28'26		
asc. node	-3844 Aug 26 j 23:15	19°♋51'13		
direct	-3844 Aug 28 j 16:43	19°♋34'07		
morning max el	-3844 Sep 04 j 13:45	23°♋26'14	18°54'16	
	-3844 Sep 09 j 21:49	0°♌		
morning set	-3844 Sep 26 j 03:54	25°♌04'10		
	-3844 Sep 29 j 06:34	0°♍		
desc. node	-3844 Oct 08 j 07:53	14°♍17'26		
max. Earth dist.	-3844 Oct 11 j 14:54	19°♍28'41	1.44787 AU	
superior conj	-3844 Oct 12 j 10:36	20°♍46'21	0°-25'-55	
minimum elong	-3844 Oct 12 j 07:13	20°♍33'03	0°25'28	
	-3844 Oct 18 j 06:37	0°♎		
evening rise	-3844 Oct 28 j 02:34	15°♎44'24		
	-3844 Nov 05 j 22:47	0°♏		
evening max el	-3844 Nov 17 j 23:28	16°♏54'09	18°48'17	
asc. node	-3844 Nov 22 j 22:08	20°♏24'55		
retrograde	-3844 Nov 24 j 18:08	20°♏43'32		
evening set	-3844 Nov 27 j 19:19	19°♏50'33		
inferior conj	-3844 Dec 03 j 16:11	14°♏06'05	3°08'29	
minimum elong	-3844 Dec 03 j 13:01	14°♏15'41	3°07'34	
min. Earth dist.	-3844 Dec 05 j 08:56	12°♏02'13	0.65129 AU	
morning rise	-3844 Dec 09 j 05:40	7°♏57'50		
direct	-3844 Dec 15 j 21:07	5°♏08'14		
morning max el	-3844 Dec 28 j 23:34	12°♏43'50	26°54'18	
desc. node	-3843 Jan 04 j 07:34	19°♏49'02		
	-3843 Jan 11 j 23:03	0°♐		
	-3843 Jan 30 j 08:00	0°♑		
morning set	-3843 Feb 02 j 16:38	6°♑18'47		
max. Earth dist.	-3843 Feb 07 j 04:55	15°♑11'41	1.34435 AU	
superior conj	-3843 Feb 11 j 02:30	23°♑12'02	-1°-13'-22	
minimum elong	-3843 Feb 11 j 05:28	23°♑27'26	1°13'04	
	-3843 Feb 14 j 08:14	0°♒		
evening rise	-3843 Feb 18 j 14:27	8°♒56'27		
asc. node	-3843 Feb 18 j 21:19	9°♒32'02		
	-3843 Mar 01 j 21:43	0°♓		
evening max el	-3843 Mar 10 j 13:39	10°♓58'05	21°25'01	
retrograde	-3843 Mar 22 j 12:41	16°♓42'36		
evening set	-3843 Mar 25 j 01:37	16°♓27'56		
desc. node	-3843 Apr 02 j 06:31	13°♓04'12		
inferior conj	-3843 Apr 03 j 08:18	12°♓28'01	0°-17'-54	
minimum elong	-3843 Apr 03 j 07:28	12°♓29'12	0°17'41	
min. Earth dist.	-3843 Apr 03 j 15:43	12°♓17'34	0.55160 AU	
morning rise	-3843 Apr 12 j 13:13	8°♓24'16		
direct	-3843 Apr 15 j 12:20	8°♓05'00		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3843 Apr 28 j 02:16	14°♓05'52	22°06'14
	-3843 May 10 j 01:31	0°♈	
asc. node	-3843 May 17 j 20:56	14°♈43'01	
morning set	-3843 May 19 j 07:30	17°♈40'53	
	-3843 May 25 j 03:43	0°♉	
superior conj	-3843 May 26 j 15:30	3°♉08'37	1°19'52
minimum elong	-3843 May 26 j 12:50	2°♉54'33	1°19'35
max. Earth dist.	-3843 May 29 j 21:06	9°♉51'32	1.34587 AU
evening rise	-3843 Jun 03 j 17:01	19°♉29'50	
	-3843 Jun 09 j 07:58	0°♊	
	-3843 Jun 28 j 14:05	0°♋	
desc. node	-3843 Jun 29 j 05:21	0°♋49'44	
evening max el	-3843 Jul 08 j 13:17	11°♋29'38	27°03'49
retrograde	-3843 Jul 21 j 19:23	18°♋50'49	
evening set	-3843 Jul 28 j 16:41	16°♋03'56	
min. Earth dist.	-3843 Aug 01 j 13:01	12°♋15'20	0.65171 AU
inferior conj	-3843 Aug 03 j 12:46	9°♋58'31	-3°-5'-14
minimum elong	-3843 Aug 03 j 16:31	9°♋47'45	3°04'02
morning rise	-3843 Aug 09 j 17:38	4°♋20'38	
direct	-3843 Aug 12 j 12:57	3°♋37'50	
asc. node	-3843 Aug 13 j 20:20	3°♋47'05	
morning max el	-3843 Aug 19 j 02:23	7°♋12'05	18°17'51
	-3843 Sep 03 j 13:52	0°♌	
morning set	-3843 Sep 06 j 22:05	5°♌31'30	
superior conj	-3843 Sep 21 j 11:41	29°♌08'47	0°23'30
minimum elong	-3843 Sep 21 j 14:36	29°♌20'21	0°23'12
	-3843 Sep 22 j 00:34	0°♍	
max. Earth dist.	-3843 Sep 24 j 09:21	3°♍44'50	1.44708 AU
desc. node	-3843 Sep 25 j 04:50	5°♍01'44	
evening rise	-3843 Oct 08 j 03:01	25°♍16'31	
	-3843 Oct 11 j 03:46	0°♎	
greatest brilliancy	-3843 Oct 23 j 16:14	19°♎08'52	-0.7m
	-3843 Oct 31 j 23:39	0°♏	
evening max el	-3843 Nov 01 j 07:36	0°♏20'50	19°34'03
retrograde	-3843 Nov 08 j 14:30	4°♏34'22	
asc. node	-3843 Nov 09 j 19:14	4°♏26'04	
evening set	-3843 Nov 11 j 23:08	3°♏28'25	
	-3843 Nov 15 j 14:41	30°℞♎	
inferior conj	-3843 Nov 17 j 14:24	27°♎29'40	2°27'19
minimum elong	-3843 Nov 17 j 11:31	27°♎39'04	2°26'18
min. Earth dist.	-3843 Nov 18 j 17:36	26°♎01'23	0.66201 AU
morning rise	-3843 Nov 22 j 23:10	21°♎15'50	
direct	-3843 Nov 29 j 01:31	18°♎36'36	
morning max el	-3843 Dec 11 j 08:52	25°♎51'57	25°49'35
	-3843 Dec 15 j 04:44	0°♏	
desc. node	-3843 Dec 22 j 04:35	8°♏45'32	
	-3842 Jan 05 j 12:05	0°♐	
morning set	-3842 Jan 16 j 13:50	19°♐06'14	
max. Earth dist.	-3842 Jan 20 j 12:09	26°♐28'49	1.35922 AU
	-3842 Jan 22 j 07:49	0°♑	
superior conj	-3842 Jan 25 j 21:39	7°♑05'55	-1°-33'-23
minimum elong	-3842 Jan 26 j 00:48	7°♑21'49	1°33'12
evening rise	-3842 Feb 02 j 20:41	23°♑22'13	
asc. node	-3842 Feb 05 j 18:21	29°♑11'48	
	-3842 Feb 06 j 04:10	0°♒	
evening max el	-3842 Feb 20 j 21:20	22°♒24'14	20°07'37
retrograde	-3842 Mar 03 j 04:19	27°♒17'29	
evening set	-3842 Mar 05 j 11:35	27°♒03'52	
inferior conj	-3842 Mar 14 j 06:43	23°♒04'12	1°35'04
minimum elong	-3842 Mar 14 j 10:36	22°♒58'21	1°33'44
min. Earth dist.	-3842 Mar 16 j 05:42	21°♒53'37	0.55649 AU
desc. node	-3842 Mar 20 j 03:36	19°♒47'26	
morning rise	-3842 Mar 23 j 06:58	18°♒37'10	
direct	-3842 Mar 27 j 03:30	18°♒04'35	

morning max el	-3842 Apr 09 j 20:15	24°♒51'28	23°44'39
	-3842 Apr 14 j 13:42	0°♓	
	-3842 May 02 j 12:12	0°♈	
morning set	-3842 May 03 j 19:20	2°♈41'43	
asc. node	-3842 May 04 j 17:56	4°♈40'39	
superior conj	-3842 May 10 j 22:23	17°♈57'12	1°00'20
minimum elong	-3842 May 10 j 20:03	17°♈44'39	0°59'59
max. Earth dist.	-3842 May 12 j 23:26	22°♈19'09	1.33565 AU
	-3842 May 16 j 15:42	0°♉	
evening rise	-3842 May 18 j 11:25	3°♉41'31	
	-3842 Jun 02 j 02:22	0°♊	
desc. node	-3842 Jun 16 j 02:23	19°♊24'52	
evening max el	-3842 Jun 20 j 23:51	24°♊37'23	27°24'46
	-3842 Jun 27 j 22:04	0°♋	
retrograde	-3842 Jul 04 j 15:16	2°♋01'07	
	-3842 Jul 10 j 20:14	30°℞♊	
evening set	-3842 Jul 11 j 18:45	29°♊20'34	
min. Earth dist.	-3842 Jul 15 j 09:45	26°♊06'36	0.63706 AU
inferior conj	-3842 Jul 17 j 23:33	23°♊26'26	-3°-44'-15
minimum elong	-3842 Jul 18 j 03:13	23°♊16'55	3°43'23
morning rise	-3842 Jul 24 j 13:33	18°♊06'18	
direct	-3842 Jul 27 j 04:29	17°♊32'13	
asc. node	-3842 Jul 31 j 17:23	19°♊13'50	
morning max el	-3842 Aug 02 j 17:13	20°♊57'16	17°58'53
	-3842 Aug 09 j 13:21	0°♋	
morning set	-3842 Aug 19 j 18:02	17°♋12'34	
	-3842 Aug 27 j 05:13	0°♌	
superior conj	-3842 Sep 01 j 07:15	8°♌28'13	1°05'12
minimum elong	-3842 Sep 01 j 13:01	8°♌51'54	1°04'41
max. Earth dist.	-3842 Sep 07 j 01:48	17°♌50'18	1.43921 AU
desc. node	-3842 Sep 12 j 01:47	25°♌46'02	
	-3842 Sep 14 j 18:44	0°♍	
evening rise	-3842 Sep 17 j 09:45	4°♍04'24	
	-3842 Oct 04 j 16:16	0°♎	
greatest brilliancy	-3842 Oct 09 j 06:47	6°♎23'17	-0.5m
evening max el	-3842 Oct 15 j 10:20	13°♎47'03	20°34'28
retrograde	-3842 Oct 23 j 11:49	18°♎32'29	
evening set	-3842 Oct 27 j 06:03	17°♎11'02	
asc. node	-3842 Oct 27 j 16:21	16°♎51'19	
inferior conj	-3842 Nov 01 j 17:26	11°♎01'23	1°40'09
minimum elong	-3842 Nov 01 j 15:17	11°♎08'42	1°39'17
min. Earth dist.	-3842 Nov 02 j 08:41	10°♎09'46	0.66923 AU
morning rise	-3842 Nov 07 j 00:02	4°♎44'29	
direct	-3842 Nov 12 j 11:13	2°♎22'58	
morning max el	-3842 Nov 23 j 17:39	9°♎05'52	24°29'08
desc. node	-3842 Dec 09 j 01:35	28°♎18'39	
	-3842 Dec 10 j 05:53	0°♏	
	-3842 Dec 29 j 03:27	0°♐	
morning set	-3842 Dec 29 j 14:47	0°♐49'19	
max. Earth dist.	-3841 Jan 02 j 10:19	7°♐36'32	1.37788 AU
superior conj	-3841 Jan 09 j 05:54	20°♐22'32	-1°-48'-10
minimum elong	-3841 Jan 09 j 08:19	20°♐34'12	1°48'12
	-3841 Jan 14 j 03:39	0°♑	
evening rise	-3841 Jan 17 j 21:07	7°♑24'38	
asc. node	-3841 Jan 23 j 15:23	18°♑29'44	
	-3841 Jan 30 j 18:48	0°♒	
evening max el	-3841 Feb 03 j 15:29	4°♒26'26	19°08'29
retrograde	-3841 Feb 12 j 09:02	8°♒36'52	
evening set	-3841 Feb 14 j 17:34	8°♒19'57	
inferior conj	-3841 Feb 22 j 20:06	4°♒07'06	3°00'13
minimum elong	-3841 Feb 23 j 00:57	3°♒58'43	2°58'57
min. Earth dist.	-3841 Feb 25 j 20:55	2°♒02'37	0.56956 AU
	-3841 Mar 01 j 07:35	30°℞♑	
morning rise	-3841 Mar 03 j 04:32	29°♑09'29	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3841 Mar 07 j 00:44	28°♉12'52	
direct	-3841 Mar 08 j 06:18	28°♉09'15	
	-3841 Mar 15 j 04:44	0°♒	
morning max el	-3841 Mar 22 j 11:14	5°♒26'56	25°20'55
	-3841 Apr 09 j 04:55	0°♓	
morning set	-3841 Apr 18 j 07:31	17°♓44'23	
asc. node	-3841 Apr 21 j 14:54	24°♓48'06	
	-3841 Apr 24 j 00:18	0°♈	
superior conj	-3841 Apr 25 j 08:34	2°♈55'45	0°38'06
minimum elong	-3841 Apr 25 j 06:57	2°♈47'00	0°37'46
max. Earth dist.	-3841 Apr 26 j 08:43	5°♈07'02	1.32902 AU
evening rise	-3841 May 02 j 13:42	18°♈17'09	
	-3841 May 08 j 12:42	0°♉	
	-3841 May 27 j 17:28	0°♊	
desc. node	-3841 Jun 02 j 23:28	6°♊55'43	
evening max el	-3841 Jun 03 j 07:05	7°♊14'05	27°14'28
retrograde	-3841 Jun 17 j 04:50	14°♊37'00	
evening set	-3841 Jun 24 j 05:48	12°♊17'00	
min. Earth dist.	-3841 Jun 27 j 20:32	9°♊27'32	0.61896 AU
inferior conj	-3841 Jun 30 j 22:51	6°♊36'42	-4°-11'-25
minimum elong	-3841 Jul 01 j 01:15	6°♊31'10	4°11'03
morning rise	-3841 Jul 07 j 23:24	1°♊37'01	
direct	-3841 Jul 10 j 11:51	1°♊09'30	
morning max el	-3841 Jul 17 j 07:29	4°♊34'47	17°58'16
asc. node	-3841 Jul 18 j 14:26	5°♊56'08	
morning set	-3841 Aug 02 j 10:25	29°♊52'11	
	-3841 Aug 02 j 12:09	0°♋	
superior conj	-3841 Aug 13 j 06:17	19°♋09'22	1°32'54
minimum elong	-3841 Aug 13 j 10:49	19°♋28'54	1°32'41
	-3841 Aug 19 j 16:20	0°♌	
max. Earth dist.	-3841 Aug 20 j 13:08	1°♌25'45	1.42534 AU
evening rise	-3841 Aug 27 j 16:21	12°♌54'03	
desc. node	-3841 Aug 29 j 22:44	16°♌26'51	
	-3841 Sep 07 j 20:44	0°♍	
greatest brilliancy	-3841 Sep 23 j 09:29	21°♍37'17	-0.4m
evening max el	-3841 Sep 28 j 06:51	27°♍12'19	21°46'39
	-3841 Oct 01 j 08:39	0°♎	
retrograde	-3841 Oct 07 j 08:04	2°♎35'02	
evening set	-3841 Oct 11 j 14:06	0°♎55'45	
	-3841 Oct 12 j 15:23	30°℞♍	
asc. node	-3841 Oct 14 j 13:27	27°♍51'25	
inferior conj	-3841 Oct 16 j 23:12	24°♍38'57	0°49'06
minimum elong	-3841 Oct 16 j 22:05	24°♍42'48	0°48'40
min. Earth dist.	-3841 Oct 17 j 03:43	24°♍23'18	0.67323 AU
morning rise	-3841 Oct 22 j 05:48	18°♍21'46	
direct	-3841 Oct 27 j 01:40	16°♍21'22	
morning max el	-3841 Nov 06 j 03:35	22°♍22'24	23°02'41
greatest brilliancy	-3841 Nov 11 j 02:31	27°♍56'49	-0.3m
	-3841 Nov 12 j 18:13	0°♎	
desc. node	-3841 Nov 25 j 22:34	18°♎17'46	
	-3841 Dec 03 j 14:34	0°♏	
morning set	-3841 Dec 10 j 13:27	11°♏12'59	
max. Earth dist.	-3841 Dec 15 j 06:07	19°♏08'48	1.39849 AU
	-3841 Dec 21 j 09:30	0°♐	
superior conj	-3841 Dec 22 j 22:52	2°♐50'28	-1°-54'-56
minimum elong	-3841 Dec 22 j 23:12	2°♐51'57	1°55'06
evening rise	-3840 Jan 01 j 13:00	20°♐56'45	
	-3840 Jan 06 j 08:15	0°♑	
asc. node	-3840 Jan 10 j 12:26	7°♑18'35	
evening max el	-3840 Jan 17 j 18:30	17°♑00'53	18°29'20
retrograde	-3840 Jan 25 j 07:58	20°♑43'06	
evening set	-3840 Jan 27 j 19:28	20°♑20'30	
inferior conj	-3840 Feb 04 j 05:48	15°♑47'47	3°47'42
minimum elong	-3840 Feb 04 j 08:33	15°♑42'16	3°47'14
min. Earth dist.	-3840 Feb 07 j 15:12	13°♑06'06	0.58791 AU
morning rise	-3840 Feb 11 j 18:06	10°♑24'36	
direct	-3840 Feb 17 j 22:38	8°♑46'06	
desc. node	-3840 Feb 21 j 21:50	9°♑25'23	
morning max el	-3840 Mar 03 j 05:00	16°♑19'52	26°39'49
	-3840 Mar 14 j 09:36	0°♒	
	-3840 Mar 31 j 10:56	0°♓	
morning set	-3840 Apr 01 j 18:22	2°♓42'45	
asc. node	-3840 Apr 07 j 11:54	15°♓01'00	
superior conj	-3840 Apr 08 j 20:14	17°♓57'52	0°14'03
minimum elong	-3840 Apr 08 j 19:37	17°♓54'28	0°13'52
behind sun begin	-3840 Apr 08 j 17:14	17°♓41'25	
behind sun end	-3840 Apr 08 j 22:00	18°♓07'32	
max. Earth dist.	-3840 Apr 08 j 21:39	18°♓05'38	1.32589 AU
	-3840 Apr 14 j 09:33	0°♈	
evening rise	-3840 Apr 15 j 21:15	3°♈07'50	
	-3840 Apr 30 j 10:50	0°♉	
evening max el	-3840 May 15 j 09:01	19°♉11'06	26°31'27
desc. node	-3840 May 19 j 20:33	22°♉55'32	
retrograde	-3840 May 29 j 10:44	26°♉30'17	
evening set	-3840 Jun 04 j 21:39	24°♉43'54	
min. Earth dist.	-3840 Jun 08 j 22:18	22°♉03'02	0.59875 AU
inferior conj	-3840 Jun 12 j 07:10	19°♉20'56	-4°-19'-49
minimum elong	-3840 Jun 12 j 06:51	19°♉21'34	4°19'42
morning rise	-3840 Jun 19 j 19:33	14°♉43'04	
direct	-3840 Jun 22 j 07:00	14°♉20'30	
morning max el	-3840 Jun 29 j 18:19	17°♉56'54	18°16'57
asc. node	-3840 Jul 04 j 11:29	23°♉38'37	
	-3840 Jul 08 j 11:45	0°♊	
morning set	-3840 Jul 15 j 18:05	13°♊17'24	
	-3840 Jul 24 j 16:09	0°♋	
superior conj	-3840 Jul 25 j 06:49	1°♋06'52	1°46'34
minimum elong	-3840 Jul 25 j 08:39	1°♋15'15	1°46'39
max. Earth dist.	-3840 Aug 01 j 18:44	14°♋20'25	1.40746 AU
evening rise	-3840 Aug 06 j 17:28	22°♋37'13	
	-3840 Aug 11 j 07:28	0°♌	
desc. node	-3840 Aug 15 j 19:42	7°♌00'41	
	-3840 Aug 31 j 21:36	0°♍	
greatest brilliancy	-3840 Sep 04 j 13:12	4°♍37'10	-0.2m
evening max el	-3840 Sep 09 j 21:54	10°♍38'14	23°06'01
retrograde	-3840 Sep 20 j 01:43	16°♍39'21	
evening set	-3840 Sep 24 j 21:29	14°♍40'39	
inferior conj	-3840 Sep 30 j 05:51	8°♍20'16	0°-4'-2
minimum elong	-3840 Sep 30 j 05:57	8°♍19'58	0°03'56
transit middle	-3840 Sep 30 j 05:57	8°♍19'58	0°03'56
transit begin	-3840 Sep 30 j 03:19	8°♍29'00	
transit end	-3840 Sep 30 j 08:34	8°♍10'56	
min. Earth dist.	-3840 Sep 30 j 00:11	8°♍39'48	0.67431 AU
asc. node	-3840 Sep 30 j 10:35	8°♍04'01	
morning rise	-3840 Oct 05 j 14:23	2°♍06'00	
direct	-3840 Oct 09 j 20:02	0°♍27'00	
morning max el	-3840 Oct 18 j 17:52	5°♍43'38	21°38'50
greatest brilliancy	-3840 Oct 23 j 19:06	11°♍31'35	-0.4m
	-3840 Nov 06 j 02:19	0°♎	
desc. node	-3840 Nov 11 j 19:31	8°♎34'45	
morning set	-3840 Nov 19 j 07:26	20°♎13'53	
	-3840 Nov 25 j 08:41	0°♏	
max. Earth dist.	-3840 Nov 26 j 06:45	1°♏30'55	1.41837 AU
superior conj	-3840 Dec 03 j 18:59	14°♏14'53	-1°-50'-6
minimum elong	-3840 Dec 03 j 15:50	14°♏01'11	1°50'05
	-3840 Dec 12 j 14:35	0°♐	
evening rise	-3840 Dec 14 j 16:51	3°♐49'53	
asc. node	-3840 Dec 27 j 09:32	25°♐28'08	
evening max el	-3840 Dec 31 j 03:33	29°♐58'02	18°10'11

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3840 Dec 31 j 04:21	0°♉	
retrograde	-3839 Jan 06 j 23:58	3°♉27'09	
evening set	-3839 Jan 09 j 14:20	2°♉57'38	
	-3839 Jan 14 j 06:19	30°℞♐	
inferior conj	-3839 Jan 16 j 10:55	28°♐02'47	4°02'36
minimum elong	-3839 Jan 16 j 10:54	28°♐02'48	4°02'27
min. Earth dist.	-3839 Jan 19 j 15:11	25°♐07'38	0.60809 AU
morning rise	-3839 Jan 23 j 04:49	22°♐21'34	
direct	-3839 Jan 30 j 01:43	20°♐06'29	
desc. node	-3839 Feb 07 j 18:56	23°♐16'33	
morning max el	-3839 Feb 13 j 04:33	27°♐47'33	27°29'06
	-3839 Feb 15 j 08:05	0°♉	
	-3839 Mar 08 j 00:23	0°♒	
morning set	-3839 Mar 17 j 02:03	17°♒29'20	
	-3839 Mar 22 j 23:16	0°♓	
max. Earth dist.	-3839 Mar 23 j 10:32	1°♓01'19	1.32616 AU
superior conj	-3839 Mar 24 j 07:41	2°♓56'43	0°-10'-58
minimum elong	-3839 Mar 24 j 08:11	2°♓59'26	0°10'58
behind sun begin	-3839 Mar 24 j 04:32	2°♓39'28	
behind sun end	-3839 Mar 24 j 11:51	3°♓19'24	
asc. node	-3839 Mar 25 j 08:55	5°♓14'32	
evening rise	-3839 Mar 31 j 07:48	18°♓05'05	
	-3839 Apr 06 j 06:02	0°♈	
	-3839 Apr 26 j 17:39	0°♉	
evening max el	-3839 Apr 27 j 04:50	0°♉27'06	25°19'48
desc. node	-3839 May 06 j 17:40	6°♉49'30	
retrograde	-3839 May 11 j 06:25	7°♉37'32	
evening set	-3839 May 16 j 15:43	6°♉29'46	
min. Earth dist.	-3839 May 21 j 17:11	3°♉40'56	0.57884 AU
inferior conj	-3839 May 24 j 20:59	1°♉29'32	-3°-59'-49
minimum elong	-3839 May 24 j 17:05	1°♉36'21	3°59'14
	-3839 May 27 j 01:46	30°℞♈	
morning rise	-3839 Jun 01 j 22:29	27°♈12'47	
direct	-3839 Jun 04 j 09:50	26°♈54'04	
	-3839 Jun 11 j 22:06	0°♉	
morning max el	-3839 Jun 12 j 22:47	0°♉54'28	18°55'52
asc. node	-3839 Jun 21 j 08:31	12°♉07'36	
morning set	-3839 Jun 29 j 12:49	27°♉17'35	
	-3839 Jun 30 j 21:52	0°♊	
superior conj	-3839 Jul 08 j 03:16	14°♊05'32	1°48'46
minimum elong	-3839 Jul 08 j 02:45	14°♊03'05	1°48'55
max. Earth dist.	-3839 Jul 14 j 20:58	26°♊35'17	1.38794 AU
	-3839 Jul 16 j 19:02	0°♋	
evening rise	-3839 Jul 18 j 20:44	3°♋36'28	
desc. node	-3839 Aug 02 j 16:42	27°♋23'17	
	-3839 Aug 04 j 11:11	0°♌	
evening max el	-3839 Aug 23 j 09:40	24°♌07'22	24°26'17
	-3839 Aug 31 j 08:06	0°♍	
retrograde	-3839 Sep 03 j 15:42	0°♍42'51	
	-3839 Sep 06 j 17:35	30°℞♌	
evening set	-3839 Sep 09 j 02:28	28°♌24'45	
inferior conj	-3839 Sep 14 j 11:42	22°♌04'20	0°-57'-35
minimum elong	-3839 Sep 14 j 13:04	21°♌59'47	0°56'56
min. Earth dist.	-3839 Sep 13 j 19:36	22°♌58'28	0.67239 AU
asc. node	-3839 Sep 17 j 07:41	18°♌27'53	
morning rise	-3839 Sep 19 j 23:55	15°♌56'11	
direct	-3839 Sep 23 j 17:05	14°♌36'56	
morning max el	-3839 Oct 01 j 15:03	19°♌13'51	20°24'12
greatest brilliancy	-3839 Oct 08 j 05:09	27°♌11'43	-0.6m
	-3839 Oct 10 j 06:12	0°♍	
morning set	-3839 Oct 29 j 06:55	28°♍27'38	
desc. node	-3839 Oct 29 j 16:28	29°♍04'40	
	-3839 Oct 30 j 06:43	0°♎	
max. Earth dist.	-3839 Nov 08 j 15:22	14°♎47'08	1.43464 AU
superior conj	-3839 Nov 14 j 13:01	24°♎24'12	-1°-29'-54
minimum elong	-3839 Nov 14 j 06:29	23°♎57'14	1°29'23
	-3839 Nov 17 j 21:38	0°♏	
evening rise	-3839 Nov 27 j 04:36	15°♏56'28	
	-3839 Dec 05 j 08:06	0°♐	
asc. node	-3839 Dec 14 j 06:37	12°♐46'51	
evening max el	-3839 Dec 14 j 15:42	13°♐10'15	18°10'26
retrograde	-3839 Dec 21 j 05:04	16°♐39'18	
evening set	-3839 Dec 23 j 22:36	16°♐01'53	
inferior conj	-3839 Dec 30 j 08:07	10°♐45'37	3°53'41
minimum elong	-3839 Dec 30 j 06:05	10°♐50'56	3°53'18
min. Earth dist.	-3838 Jan 01 j 23:51	7°♐59'15	0.62717 AU
morning rise	-3838 Jan 05 j 11:43	4°♐51'19	
direct	-3838 Jan 12 j 13:15	2°♐11'20	
desc. node	-3838 Jan 25 j 16:02	9°♐12'05	
morning max el	-3838 Jan 26 j 09:57	9°♐55'24	27°42'36
	-3838 Feb 11 j 03:28	0°♑	
	-3838 Feb 28 j 05:07	0°♒	
morning set	-3838 Mar 01 j 04:21	1°♒56'32	
max. Earth dist.	-3838 Mar 06 j 19:33	13°♒40'39	1.32999 AU
superior conj	-3838 Mar 08 j 17:15	17°♒46'16	0°-36'-6
minimum elong	-3838 Mar 08 j 18:52	17°♒54'58	0°35'54
asc. node	-3838 Mar 12 j 05:56	25°♒24'39	
	-3838 Mar 14 j 09:10	0°♓	
evening rise	-3838 Mar 15 j 19:28	3°♓01'52	
	-3838 Mar 30 j 15:27	0°♈	
evening max el	-3838 Apr 08 j 20:48	11°♈14'26	23°49'54
retrograde	-3838 Apr 22 j 13:53	18°♈05'15	
desc. node	-3838 Apr 23 j 14:49	18°♈02'49	
evening set	-3838 Apr 26 j 15:12	17°♈28'57	
min. Earth dist.	-3838 May 03 j 08:10	14°♈18'55	0.56249 AU
inferior conj	-3838 May 05 j 14:40	12°♈55'54	-3°-1'-41
minimum elong	-3838 May 05 j 08:41	13°♈05'05	3°00'10
morning rise	-3838 May 14 j 05:52	8°♈55'18	
direct	-3838 May 16 j 17:50	8°♈39'15	
morning max el	-3838 May 26 j 18:15	13°♈18'11	19°55'16
	-3838 Jun 07 j 13:55	0°♉	
asc. node	-3838 Jun 08 j 05:32	1°♉11'40	
morning set	-3838 Jun 13 j 15:16	11°♉43'29	
superior conj	-3838 Jun 21 j 14:09	27°♉49'35	1°42'18
minimum elong	-3838 Jun 21 j 12:09	27°♉39'38	1°42'19
	-3838 Jun 22 j 16:25	0°♊	
max. Earth dist.	-3838 Jun 27 j 00:41	8°♊25'01	1.36927 AU
evening rise	-3838 Jul 01 j 00:05	15°♊47'14	
	-3838 Jul 09 j 05:24	0°♋	
desc. node	-3838 Jul 20 j 13:45	17°♋28'18	
	-3838 Jul 29 j 23:15	0°♌	
evening max el	-3838 Aug 05 j 20:23	7°♌38'46	25°40'04
retrograde	-3838 Aug 18 j 01:19	14°♌40'28	
evening set	-3838 Aug 24 j 03:10	12°♌05'34	
min. Earth dist.	-3838 Aug 28 j 11:30	7°♌16'35	0.66720 AU
inferior conj	-3838 Aug 29 j 14:59	5°♌48'23	-1°-49'-56
minimum elong	-3838 Aug 29 j 17:31	5°♌40'15	1°48'52
morning rise	-3838 Sep 04 j 08:28	29°♋49'37	
asc. node	-3838 Sep 04 j 04:47	29°♋55'35	
	-3838 Sep 04 j 02:09	30°℞♋	
direct	-3838 Sep 07 j 15:17	28°♋47'13	
	-3838 Sep 11 j 08:41	0°♌	
morning max el	-3838 Sep 14 j 19:32	2°♌52'58	19°22'43
greatest brilliancy	-3838 Sep 24 j 16:15	15°♌49'12	-0.7m
	-3838 Oct 03 j 22:35	0°♍	
morning set	-3838 Oct 08 j 10:27	7°♍00'18	
desc. node	-3838 Oct 16 j 13:25	19°♍42'58	
max. Earth dist.	-3838 Oct 22 j 06:13	28°♍41'41	1.44504 AU
	-3838 Oct 23 j 02:00	0°♎	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3838 Oct 25 j 04:14	3°♎19'30	0°-52'-58
minimum elong	-3838 Oct 24 j 22:05	2°♎55'01	0°52'15
evening rise	-3838 Nov 08 j 19:35	27°♎07'25	
	-3838 Nov 10 j 13:11	0°♏	
evening max el	-3838 Nov 28 j 04:11	26°♏31'22	18°29'22
asc. node	-3838 Dec 01 j 03:42	29°♏00'44	
	-3838 Dec 03 j 08:53	0°♐	
retrograde	-3838 Dec 04 j 18:54	0°♐11'01	
	-3838 Dec 06 j 04:43	30°℞♏	
evening set	-3838 Dec 07 j 16:45	29°♏24'19	
inferior conj	-3838 Dec 13 j 17:36	23°♏49'08	3°28'23
minimum elong	-3838 Dec 13 j 14:36	23°♏57'51	3°27'38
min. Earth dist.	-3838 Dec 15 j 18:37	21°♏27'03	0.64342 AU
morning rise	-3838 Dec 19 j 11:09	17°♏44'59	
direct	-3838 Dec 26 j 08:01	14°♏54'58	
morning max el	-3837 Jan 08 j 19:00	22°♏36'53	27°20'53
desc. node	-3837 Jan 12 j 13:06	26°♏37'46	
	-3837 Jan 15 j 09:02	0°♐	
	-3837 Feb 04 j 08:15	0°♑	
morning set	-3837 Feb 12 j 22:30	15°♑55'12	
max. Earth dist.	-3837 Feb 17 j 20:40	25°♑50'43	1.33778 AU
	-3837 Feb 19 j 20:28	0°♒	
superior conj	-3837 Feb 20 j 23:04	2°♒20'18	-1°00'-20
minimum elong	-3837 Feb 21 j 01:38	2°♒33'53	1°00'01
asc. node	-3837 Feb 27 j 02:57	15°♒27'06	
evening rise	-3837 Feb 28 j 06:29	17°♒51'48	
	-3837 Mar 06 j 08:18	0°♓	
evening max el	-3837 Mar 21 j 14:43	21°♓59'18	22°15'58
retrograde	-3837 Apr 03 j 09:43	28°♓13'08	
evening set	-3837 Apr 06 j 07:50	27°♓54'17	
desc. node	-3837 Apr 10 j 11:57	26°♓29'16	
min. Earth dist.	-3837 Apr 14 j 22:12	24°♓10'24	0.55294 AU
inferior conj	-3837 Apr 15 j 15:49	23°♓45'27	-1°-24'-46
minimum elong	-3837 Apr 15 j 12:01	23°♓50'50	1°23'31
morning rise	-3837 Apr 24 j 17:59	19°♓48'10	
direct	-3837 Apr 27 j 10:01	19°♓32'01	
morning max el	-3837 May 09 j 03:06	25°♓01'58	21°13'52
	-3837 May 13 j 15:23	0°♈	
asc. node	-3837 May 26 j 02:33	20°♈42'19	
morning set	-3837 May 28 j 22:56	26°♈28'16	
	-3837 May 30 j 15:50	0°♉	
superior conj	-3837 Jun 05 j 11:15	12°♉06'51	1°29'29
minimum elong	-3837 Jun 05 j 08:37	11°♉53'17	1°29'17
max. Earth dist.	-3837 Jun 09 j 11:27	20°♉15'48	1.35337 AU
evening rise	-3837 Jun 13 j 22:30	28°♉56'46	
	-3837 Jun 14 j 11:54	0°♊	
	-3837 Jul 02 j 09:46	0°♋	
desc. node	-3837 Jul 07 j 10:46	7°♋07'50	
evening max el	-3837 Jul 19 j 07:27	21°♋08'22	26°39'15
retrograde	-3837 Aug 01 j 06:09	28°♋25'57	
evening set	-3837 Aug 07 j 21:21	25°♋40'31	
min. Earth dist.	-3837 Aug 11 j 21:39	21°♋30'10	0.65847 AU
inferior conj	-3837 Aug 13 j 13:43	19°♋29'43	-2°-39'-13
minimum elong	-3837 Aug 13 j 17:10	19°♋19'21	2°37'57
morning rise	-3837 Aug 19 j 14:02	13°♋43'25	
asc. node	-3837 Aug 22 j 01:52	12°♋55'42	
direct	-3837 Aug 22 j 12:46	12°♋54'32	
morning max el	-3837 Aug 29 j 05:51	16°♋38'00	18°36'40
	-3837 Sep 08 j 02:17	0°♌	
morning set	-3837 Sep 18 j 12:37	16°♌41'15	
	-3837 Sep 26 j 20:07	0°♍	
desc. node	-3837 Oct 03 j 10:21	10°♍26'04	
superior conj	-3837 Oct 04 j 04:11	11°♍36'23	0°-4'-44
minimum elong	-3837 Oct 04 j 03:34	11°♍33'55	0°04'36
behind sun begin	-3837 Oct 03 j 16:34	10°♍50'33	
behind sun end	-3837 Oct 04 j 14:34	12°♍17'16	
max. Earth dist.	-3837 Oct 04 j 23:49	12°♍53'43	1.44842 AU
	-3837 Oct 15 j 20:15	0°♎	
evening rise	-3837 Oct 20 j 10:04	7°♎15'04	
	-3837 Nov 03 j 22:57	0°♏	
evening max el	-3837 Nov 11 j 14:29	9°♏56'49	19°05'50
asc. node	-3837 Nov 18 j 00:47	13°♏54'18	
retrograde	-3837 Nov 18 j 13:45	13°♏55'57	
evening set	-3837 Nov 21 j 17:45	12°♏57'55	
inferior conj	-3837 Nov 27 j 12:00	7°♏06'54	2°51'55
minimum elong	-3837 Nov 27 j 08:53	7°♏16'41	2°50'55
min. Earth dist.	-3837 Nov 28 j 22:50	5°♏17'37	0.65623 AU
morning rise	-3837 Dec 02 j 23:05	0°♏55'40	
	-3837 Dec 04 j 03:01	30°℞♎	
direct	-3837 Dec 09 j 09:16	28°♎09'12	
	-3837 Dec 15 j 05:52	0°♏	
morning max el	-3837 Dec 22 j 04:42	5°♏38'44	26°29'21
desc. node	-3837 Dec 30 j 10:07	15°♏06'50	
	-3836 Jan 10 j 00:13	0°♐	
morning set	-3836 Jan 27 j 04:41	29°♐12'41	
	-3836 Jan 27 j 14:42	0°♑	
max. Earth dist.	-3836 Jan 31 j 10:27	7°♑23'53	1.35004 AU
superior conj	-3836 Feb 04 j 22:52	16°♑30'56	-1°-22'-22
minimum elong	-3836 Feb 05 j 01:59	16°♑47'01	1°22'06
	-3836 Feb 11 j 10:27	0°♒	
evening rise	-3836 Feb 12 j 15:00	2°♒27'47	
asc. node	-3836 Feb 13 j 23:58	5°♒16'29	
	-3836 Feb 28 j 18:43	0°♓	
evening max el	-3836 Mar 02 j 16:28	3°♓06'06	20°50'12
retrograde	-3836 Mar 13 j 23:18	8°♓28'55	
evening set	-3836 Mar 16 j 08:09	8°♓15'37	
inferior conj	-3836 Mar 25 j 11:04	4°♓17'57	0°31'52
minimum elong	-3836 Mar 25 j 12:30	4°♓15'53	0°31'17
min. Earth dist.	-3836 Mar 26 j 12:26	3°♓41'32	0.55246 AU
desc. node	-3836 Mar 27 j 09:05	3°♓12'16	
morning rise	-3836 Apr 03 j 15:29	0°♓05'38	
	-3836 Apr 04 j 01:47	30°℞♒	
direct	-3836 Apr 06 j 21:58	29°♒42'21	
	-3836 Apr 09 j 17:05	0°♓	
morning max el	-3836 Apr 20 j 01:35	6°♓05'06	22°47'26
	-3836 May 06 j 16:38	0°♈	
asc. node	-3836 May 11 j 23:33	10°♈31'31	
morning set	-3836 May 12 j 09:45	11°♈24'31	
superior conj	-3836 May 19 j 15:17	26°♈46'11	1°12'00
minimum elong	-3836 May 19 j 12:42	26°♈32'26	1°11'40
	-3836 May 21 j 03:58	0°♉	
max. Earth dist.	-3836 May 22 j 08:03	2°♉26'56	1.34105 AU
evening rise	-3836 May 27 j 10:49	12°♉49'23	
	-3836 Jun 05 j 18:14	0°♊	
desc. node	-3836 Jun 23 j 07:50	26°♊10'46	
	-3836 Jun 26 j 12:52	0°♋	
evening max el	-3836 Jun 30 j 18:44	4°♋27'47	27°16'14
retrograde	-3836 Jul 14 j 05:40	11°♋51'27	
evening set	-3836 Jul 21 j 06:17	9°♋05'36	
min. Earth dist.	-3836 Jul 24 j 23:55	5°♋32'24	0.64593 AU
inferior conj	-3836 Jul 27 j 05:40	3°♋04'20	-3°-22'-57
minimum elong	-3836 Jul 27 j 09:29	2°♋53'46	3°21'50
	-3836 Jul 30 j 04:40	30°℞♊	
morning rise	-3836 Aug 02 j 14:15	27°♊33'35	
direct	-3836 Aug 05 j 07:19	26°♊54'57	
asc. node	-3836 Aug 07 j 22:56	27°♊31'41	
	-3836 Aug 11 j 09:44	0°♋	
morning max el	-3836 Aug 11 j 19:45	0°♋24'35	18°07'29
morning set	-3836 Aug 29 j 18:20	27°♋41'40	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3836 Aug 31 j 03:13	0°♌	
superior conj	-3836 Sep 12 j 11:09	20°♌18'00	0°42'41
minimum elong	-3836 Sep 12 j 15:53	20°♌37'00	0°42'12
max. Earth dist.	-3836 Sep 16 j 17:15	27°♌05'45	1.44454 AU
	-3836 Sep 18 j 13:17	0°♍	
desc. node	-3836 Sep 19 j 07:17	1°♍10'59	
evening rise	-3836 Sep 29 j 01:24	16°♍24'20	
	-3836 Oct 07 j 21:35	0°♎	
greatest brilliancy	-3836 Oct 17 j 12:06	14°♎12'13	-0.6m
evening max el	-3836 Oct 24 j 20:32	23°♎24'03	19°58'11
retrograde	-3836 Nov 01 j 10:45	27°♎50'24	
asc. node	-3836 Nov 03 j 21:52	27°♎15'10	
evening set	-3836 Nov 04 j 23:08	26°♎38'21	
inferior conj	-3836 Nov 10 j 12:34	20°♎34'47	2°07'54
minimum elong	-3836 Nov 10 j 09:56	20°♎43'30	2°06'55
min. Earth dist.	-3836 Nov 11 j 10:36	19°♎21'45	0.66548 AU
morning rise	-3836 Nov 15 j 20:06	14°♎19'13	
direct	-3836 Nov 21 j 16:12	11°♎46'31	
morning max el	-3836 Dec 03 j 13:32	18°♎49'53	25°16'38
	-3836 Dec 13 j 01:34	0°♏	
desc. node	-3836 Dec 16 j 07:07	4°♏20'49	
	-3835 Jan 02 j 01:50	0°♐	
morning set	-3835 Jan 08 j 18:00	11°♐35'00	
max. Earth dist.	-3835 Jan 12 j 12:48	18°♐31'33	1.36673 AU
	-3835 Jan 18 j 11:43	0°♑	
superior conj	-3835 Jan 18 j 13:50	0°♑10'30	-1°-40'-26
minimum elong	-3835 Jan 18 j 16:49	0°♑25'16	1°40'21
evening rise	-3835 Jan 26 j 19:03	16°♑44'15	
asc. node	-3835 Jan 30 j 20:59	24°♑47'41	
	-3835 Feb 02 j 16:15	0°♒	
evening max el	-3835 Feb 13 j 04:47	14°♒48'04	19°40'10
retrograde	-3835 Feb 22 j 18:49	19°♒20'58	
evening set	-3835 Feb 25 j 02:16	19°♒06'19	
inferior conj	-3835 Mar 05 j 14:37	15°♒02'43	2°15'37
minimum elong	-3835 Mar 05 j 19:25	14°♒55'06	2°14'06
min. Earth dist.	-3835 Mar 08 j 02:55	13°♒27'37	0.56121 AU
morning rise	-3835 Mar 14 j 09:09	10°♒22'38	
desc. node	-3835 Mar 14 j 06:12	10°♒25'00	
direct	-3835 Mar 18 j 18:02	9°♒39'47	
morning max el	-3835 Apr 01 j 17:20	16°♒42'08	24°26'39
	-3835 Apr 12 j 10:47	0°♓	
morning set	-3835 Apr 26 j 21:54	26°♓26'17	
asc. node	-3835 Apr 28 j 20:33	0°♈33'34	
	-3835 Apr 28 j 14:16	0°♈	
superior conj	-3835 May 03 j 23:48	11°♈39'25	0°51'12
minimum elong	-3835 May 03 j 21:44	11°♈28'14	0°50'49
max. Earth dist.	-3835 May 05 j 13:40	15°♈03'32	1.33243 AU
evening rise	-3835 May 11 j 08:57	27°♈12'25	
	-3835 May 12 j 18:21	0°♉	
	-3835 May 30 j 01:59	0°♊	
desc. node	-3835 Jun 10 j 04:55	14°♊21'22	
evening max el	-3835 Jun 13 j 04:25	17°♊24'30	27°24'29
retrograde	-3835 Jun 26 j 23:00	24°♊47'49	
evening set	-3835 Jul 04 j 02:28	22°♊14'37	
min. Earth dist.	-3835 Jul 07 j 16:39	19°♊12'20	0.62972 AU
inferior conj	-3835 Jul 10 j 12:00	16°♊25'57	-3°-57'-38
minimum elong	-3835 Jul 10 j 15:17	16°♊17'47	3°56'57
morning rise	-3835 Jul 17 j 06:17	11°♊13'53	
direct	-3835 Jul 19 j 19:56	10°♊42'48	
asc. node	-3835 Jul 25 j 20:01	13°♊32'17	
morning max el	-3835 Jul 26 j 10:38	14°♊06'58	17°56'14
	-3835 Aug 06 j 09:14	0°♋	
morning set	-3835 Aug 11 j 23:44	9°♋49'55	

superior conj	-3835 Aug 23 j 18:06	0°♌11'11	1°18'47
minimum elong	-3835 Aug 23 j 23:42	0°♌34'38	1°18'21
	-3835 Aug 23 j 15:26	0°♌	
max. Earth dist.	-3835 Aug 30 j 07:56	11°♌01'01	1.43400 AU
desc. node	-3835 Sep 06 j 04:13	21°♌54'15	
evening rise	-3835 Sep 08 j 05:35	25°♌06'37	
	-3835 Sep 11 j 09:40	0°♍	
	-3835 Oct 02 j 01:37	0°♎	
greatest brilliancy	-3835 Oct 02 j 09:27	0°♎25'19	-0.5m
evening max el	-3835 Oct 07 j 20:47	6°♎50'22	21°04'01
retrograde	-3835 Oct 16 j 07:41	11°♎50'38	
evening set	-3835 Oct 20 j 06:44	10°♎21'52	
asc. node	-3835 Oct 21 j 19:00	9°♎01'17	
inferior conj	-3835 Oct 25 j 16:59	4°♎08'59	1°18'50
minimum elong	-3835 Oct 25 j 15:14	4°♎14'58	1°18'08
min. Earth dist.	-3835 Oct 26 j 03:35	3°♎32'43	0.67139 AU
	-3835 Oct 28 j 21:23	30°℞♍	
morning rise	-3835 Oct 30 j 23:21	27°♍51'48	
direct	-3835 Nov 05 j 04:06	25°♍38'54	
	-3835 Nov 13 j 18:06	0°♎	
morning max el	-3835 Nov 15 j 22:17	2°♎04'04	23°52'28
desc. node	-3835 Dec 03 j 04:05	24°♎05'55	
	-3835 Dec 07 j 03:54	0°♏	
morning set	-3835 Dec 21 j 08:19	22°♏44'56	
max. Earth dist.	-3835 Dec 25 j 08:55	29°♏45'04	1.38663 AU
	-3835 Dec 25 j 12:18	0°♐	
superior conj	-3834 Jan 01 j 16:10	13°♐07'48	-1°-52'-14
minimum elong	-3834 Jan 01 j 17:53	13°♐15'53	1°52'20
	-3834 Jan 10 j 09:10	0°♑	
evening rise	-3834 Jan 10 j 16:10	0°♑34'12	
asc. node	-3834 Jan 17 j 18:02	13°♑53'54	
evening max el	-3834 Jan 27 j 03:00	27°♑04'27	18°49'21
	-3834 Jan 31 j 03:23	0°♒	
retrograde	-3834 Feb 04 j 06:59	1°♒00'41	
evening set	-3834 Feb 06 j 16:58	0°♒41'24	
	-3834 Feb 08 j 15:41	30°℞♑	
inferior conj	-3834 Feb 14 j 12:19	26°♑20'23	3°24'52
minimum elong	-3834 Feb 14 j 16:31	26°♑12'40	3°23'57
min. Earth dist.	-3834 Feb 17 j 18:45	23°♑57'43	0.57697 AU
morning rise	-3834 Feb 22 j 12:20	21°♑11'22	
direct	-3834 Feb 28 j 02:36	19°♑55'34	
desc. node	-3834 Mar 01 j 03:19	19°♑58'09	
morning max el	-3834 Mar 14 j 08:39	27°♑20'38	25°57'33
	-3834 Mar 16 j 22:27	0°♒	
	-3834 Apr 05 j 16:47	0°♓	
morning set	-3834 Apr 11 j 09:45	11°♓27'45	
asc. node	-3834 Apr 15 j 17:33	20°♓43'46	
superior conj	-3834 Apr 18 j 10:48	26°♓39'56	0°28'04
minimum elong	-3834 Apr 18 j 09:36	26°♓33'19	0°27'48
max. Earth dist.	-3834 Apr 19 j 01:09	27°♓58'16	1.32729 AU
	-3834 Apr 19 j 23:29	0°♈	
evening rise	-3834 Apr 25 j 13:47	11°♈55'31	
	-3834 May 04 j 23:11	0°♉	
evening max el	-3834 May 26 j 09:50	29°♉45'54	27°00'09
	-3834 May 26 j 15:46	0°♊	
desc. node	-3834 May 28 j 02:01	1°♊17'42	
retrograde	-3834 Jun 09 j 09:12	7°♊06'44	
evening set	-3834 Jun 16 j 05:51	4°♊59'51	
min. Earth dist.	-3834 Jun 19 j 23:20	2°♊16'16	0.61051 AU
	-3834 Jun 22 j 14:19	30°℞♉	
inferior conj	-3834 Jun 23 j 05:26	29°♉26'48	-4°-17'-49
minimum elong	-3834 Jun 23 j 06:51	29°♉23'41	4°17'37
morning rise	-3834 Jun 30 j 10:49	24°♉36'09	
direct	-3834 Jul 02 j 22:51	24°♉10'44	
morning max el	-3834 Jul 09 j 23:48	27°♉39'03	18°03'50

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3834 Jul 12 j 03:28	0°♊		
asc. node	-3834 Jul 12 j 17:05	0°♊42'10		
morning set	-3834 Jul 25 j 23:19	22°♊51'17		
	-3834 Jul 29 j 20:15	0°♋		
superior conj	-3834 Aug 05 j 04:41	11°♋27'06	1°40'17	
minimum elong	-3834 Aug 05 j 08:07	11°♋42'13	1°40'13	
max. Earth dist.	-3834 Aug 12 j 17:31	24°♋23'09	1.41816 AU	
	-3834 Aug 16 j 03:16	0°♌		
evening rise	-3834 Aug 18 j 18:29	4°♌15'00		
desc. node	-3834 Aug 24 j 01:12	12°♌32'58		
	-3834 Sep 04 j 18:23	0°♍		
greatest brilliancy	-3834 Sep 15 j 21:18	14°♍56'23	-0.3m	
evening max el	-3834 Sep 20 j 14:53	20°♍16'08	22°19'43	
retrograde	-3834 Sep 30 j 02:57	25°♍54'50		
evening set	-3834 Oct 04 j 14:45	24°♍07'10		
asc. node	-3834 Oct 08 j 16:07	19°♍35'20		
inferior conj	-3834 Oct 09 j 23:21	17°♍48'25	0°26'43	
minimum elong	-3834 Oct 09 j 22:44	17°♍50'34	0°26'29	
min. Earth dist.	-3834 Oct 09 j 23:27	17°♍48'05	0.67417 AU	
morning rise	-3834 Oct 15 j 06:36	11°♍32'21		
direct	-3834 Oct 19 j 20:15	9°♍41'18		
morning max el	-3834 Oct 29 j 09:47	15°♍22'39	22°26'13	
greatest brilliancy	-3834 Nov 03 j 02:34	20°♍40'30	-0.3m	
	-3834 Nov 10 j 05:09	0°♎		
desc. node	-3834 Nov 20 j 01:02	14°♎13'19		
	-3834 Nov 30 j 04:56	0°♏		
morning set	-3834 Dec 01 j 18:33	2°♏31'48		
max. Earth dist.	-3834 Dec 07 j 06:41	11°♏38'52	1.40730 AU	
superior conj	-3834 Dec 15 j 00:57	25°♏10'08	-1°-54'-33	
minimum elong	-3834 Dec 14 j 23:56	25°♏05'33	1°54'40	
	-3834 Dec 17 j 16:57	0°♐		
evening rise	-3834 Dec 25 j 03:24	13°♐50'43		
	-3833 Jan 03 j 02:14	0°♑		
asc. node	-3833 Jan 04 j 15:06	2°♑27'04		
evening max el	-3833 Jan 10 j 08:51	9°♑48'51	18°18'41	
retrograde	-3833 Jan 17 j 13:50	13°♑24'07		
evening set	-3833 Jan 20 j 02:30	12°♑58'41		
inferior conj	-3833 Jan 27 j 06:36	8°♑16'14	3°57'32	
minimum elong	-3833 Jan 27 j 08:08	8°♑12'57	3°57'16	
min. Earth dist.	-3833 Jan 30 j 14:57	5°♑26'00	0.59644 AU	
morning rise	-3833 Feb 03 j 10:37	2°♑44'25		
direct	-3833 Feb 09 j 23:20	0°♑49'48		
desc. node	-3833 Feb 16 j 00:26	2°♑21'16		
morning max el	-3833 Feb 24 j 04:52	8°♑27'09	27°05'08	
	-3833 Mar 12 j 14:15	0°♒		
morning set	-3833 Mar 26 j 19:29	26°♒21'58		
	-3833 Mar 28 j 13:01	0°♓		
superior conj	-3833 Apr 02 j 22:33	11°♓41'00	0°03'30	
minimum elong	-3833 Apr 02 j 22:24	11°♓40'11	0°03'25	
behind sun begin	-3833 Apr 02 j 17:30	11°♓13'20		
behind sun end	-3833 Apr 03 j 03:18	12°♓07'01		
max. Earth dist.	-3833 Apr 02 j 14:39	10°♓57'47	1.32554 AU	
asc. node	-3833 Apr 02 j 14:33	10°♓57'13		
evening rise	-3833 Apr 09 j 22:49	26°♓49'31		
	-3833 Apr 11 j 11:33	0°♈		
	-3833 Apr 28 j 18:09	0°♉		
evening max el	-3833 May 08 j 08:54	11°♉23'57	26°04'00	
desc. node	-3833 May 14 j 23:10	16°♉28'39		
retrograde	-3833 May 22 j 10:58	18°♉40'37		
evening set	-3833 May 28 j 12:33	17°♉10'21		
min. Earth dist.	-3833 Jun 01 j 21:30	14°♉28'23	0.59004 AU	
inferior conj	-3833 Jun 05 j 06:13	11°♉56'28	-4°-15'-26	
minimum elong	-3833 Jun 05 j 04:24	11°♉59'55	4°15'15	
morning rise	-3833 Jun 13 j 00:05	7°♉28'16		
direct	-3833 Jun 15 j 11:30	7°♉07'26		
morning max el	-3833 Jun 23 j 08:20	10°♉51'55	18°31'07	
asc. node	-3833 Jun 29 j 14:07	18°♉45'39		
	-3833 Jul 06 j 01:38	0°♊		
morning set	-3833 Jul 09 j 12:07	6°♊32'13		
superior conj	-3833 Jul 18 j 14:25	23°♊52'45	1°48'43	
minimum elong	-3833 Jul 18 j 15:10	23°♊56'15	1°48'52	
	-3833 Jul 21 j 22:34	0°♋		
max. Earth dist.	-3833 Jul 25 j 21:14	6°♋59'58	1.39916 AU	
evening rise	-3833 Jul 30 j 06:24	14°♋29'02		
	-3833 Aug 08 j 22:22	0°♌		
desc. node	-3833 Aug 10 j 22:13	3°♌02'41		
	-3833 Aug 30 j 17:22	0°♍		
evening max el	-3833 Sep 03 j 04:05	3°♍42'41	23°40'20	
retrograde	-3833 Sep 13 j 19:19	9°♍59'39		
evening set	-3833 Sep 18 j 21:23	7°♍52'21		
inferior conj	-3833 Sep 24 j 05:55	1°♍31'16	0°-26'-45	
minimum elong	-3833 Sep 24 j 06:32	1°♍29'08	0°26'26	
min. Earth dist.	-3833 Sep 23 j 19:46	2°♍05'55	0.67388 AU	
	-3833 Sep 25 j 08:53	30°℞♌		
asc. node	-3833 Sep 25 j 13:13	29°♌45'35		
morning rise	-3833 Sep 29 j 15:49	25°♌19'18		
direct	-3833 Oct 03 j 15:49	23°♌49'15		
morning max el	-3833 Oct 12 j 03:01	28°♌48'23	21°05'41	
	-3833 Oct 13 j 06:09	0°♍		
greatest brilliancy	-3833 Oct 17 j 16:53	5°♍19'48	-0.5m	
	-3833 Nov 03 j 21:34	0°♎		
desc. node	-3833 Nov 06 j 22:00	4°♎36'37		
morning set	-3833 Nov 11 j 02:41	11°♎07'04		
max. Earth dist.	-3833 Nov 19 j 10:43	24°♎25'27	1.42587 AU	
	-3833 Nov 22 j 19:58	0°♏		
superior conj	-3833 Nov 26 j 10:33	6°♏04'01	-1°-43'-35	
minimum elong	-3833 Nov 26 j 05:47	5°♏43'44	1°43'22	
evening rise	-3833 Dec 08 j 01:02	26°♏25'56		
	-3833 Dec 10 j 00:45	0°♐		
asc. node	-3833 Dec 22 j 12:11	20°♐16'57		
evening max el	-3833 Dec 24 j 19:34	22°♐53'36	18°07'55	
retrograde	-3833 Dec 31 j 12:05	26°♐21'33		
evening set	-3832 Jan 03 j 03:32	25°♐48'59		
inferior conj	-3832 Jan 09 j 19:07	20°♐44'55	4°01'15	
minimum elong	-3832 Jan 09 j 18:07	20°♐47'21	4°01'03	
min. Earth dist.	-3832 Jan 12 j 18:39	17°♐50'48	0.61642 AU	
morning rise	-3832 Jan 16 j 06:21	14°♐57'18		
direct	-3832 Jan 23 j 06:26	12°♐29'44		
desc. node	-3832 Feb 02 j 21:30	17°♐10'14		
morning max el	-3832 Feb 06 j 07:22	20°♐13'34	27°39'21	
	-3832 Feb 14 j 18:08	0°♑		
	-3832 Mar 04 j 10:37	0°♒		
morning set	-3832 Mar 10 j 01:11	11°♒01'45		
max. Earth dist.	-3832 Mar 16 j 02:18	23°♒48'04	1.32727 AU	
superior conj	-3832 Mar 17 j 09:25	26°♒36'54	0°-21'-41	
minimum elong	-3832 Mar 17 j 10:24	26°♒42'13	0°21'34	
	-3832 Mar 18 j 22:43	0°♓		
asc. node	-3832 Mar 19 j 11:34	1°♓10'01		
evening rise	-3832 Mar 24 j 10:03	11°♓47'17		
	-3832 Apr 02 j 18:34	0°♈		
evening max el	-3832 Apr 19 j 02:21	22°♈24'33	24°43'00	
desc. node	-3832 Apr 30 j 20:17	29°♈17'39		
retrograde	-3832 May 03 j 02:07	29°♈29'21		
evening set	-3832 May 07 j 21:50	28°♈36'25		
min. Earth dist.	-3832 May 13 j 14:29	25°♈39'47	0.57120 AU	
inferior conj	-3832 May 16 j 11:24	23°♈46'58	-3°-40'-14	
minimum elong	-3832 May 16 j 06:15	23°♈55'29	3°39'14	
morning rise	-3832 May 24 j 18:49	19°♈38'15		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3832 May 27 j 06:01	19°♈21'02	
morning max el	-3832 Jun 05 j 09:18	23°♈36'13	19°18'41
	-3832 Jun 10 j 18:36	0°♉	
asc. node	-3832 Jun 15 j 11:09	7°♉30'26	
morning set	-3832 Jun 22 j 10:24	20°♉43'28	
	-3832 Jun 27 j 01:56	0°♊	
superior conj	-3832 Jun 30 j 17:33	7°♊11'57	1°46'56
minimum elong	-3832 Jun 30 j 16:18	7°♊05'50	1°47'03
max. Earth dist.	-3832 Jul 06 j 22:43	18°♊58'14	1.37972 AU
evening rise	-3832 Jul 10 j 20:23	25°♊59'31	
	-3832 Jul 13 j 03:40	0°♋	
desc. node	-3832 Jul 27 j 19:15	23°♋18'17	
	-3832 Aug 01 j 11:49	0°♌	
evening max el	-3832 Aug 15 j 14:59	17°♌12'12	24°58'59
retrograde	-3832 Aug 27 j 07:40	24°♌00'51	
evening set	-3832 Sep 02 j 00:48	21°♌35'10	
min. Earth dist.	-3832 Sep 06 j 14:06	16°♌24'14	0.67052 AU
inferior conj	-3832 Sep 07 j 10:53	15°♌15'29	-1°-20'-2
minimum elong	-3832 Sep 07 j 12:46	15°♌09'17	1°19'11
asc. node	-3832 Sep 11 j 10:20	10°♌30'49	
morning rise	-3832 Sep 13 j 01:08	9°♌10'42	
direct	-3832 Sep 16 j 13:32	7°♌59'06	
morning max el	-3832 Sep 24 j 03:20	12°♌22'11	19°56'13
greatest brilliancy	-3832 Oct 01 j 18:08	21°♌51'23	-0.6m
	-3832 Oct 07 j 08:52	0°♍	
morning set	-3832 Oct 20 j 00:50	19°♍20'05	
desc. node	-3832 Oct 23 j 18:56	25°♍10'23	
	-3832 Oct 26 j 20:54	0°♎	
max. Earth dist.	-3832 Oct 31 j 21:42	7°♎57'55	1.43983 AU
superior conj	-3832 Nov 05 j 16:46	15°♎40'27	-1°-16'-10
minimum elong	-3832 Nov 05 j 09:43	15°♎11'52	1°15'29
	-3832 Nov 14 j 08:57	0°♏	
evening rise	-3832 Nov 19 j 04:32	8°♏09'53	
	-3832 Dec 02 j 10:30	0°♐	
evening max el	-3832 Dec 07 j 08:13	6°♐10'35	18°16'17
asc. node	-3832 Dec 08 j 09:16	7°♐10'07	
retrograde	-3832 Dec 13 j 21:15	9°♐42'48	
evening set	-3832 Dec 16 j 16:23	9°♐01'45	
inferior conj	-3832 Dec 22 j 21:59	3°♐37'25	3°44'33
minimum elong	-3832 Dec 22 j 19:26	3°♐44'27	3°44'02
min. Earth dist.	-3832 Dec 25 j 07:41	0°♐59'37	0.63454 AU
	-3832 Dec 26 j 06:37	30°℞♏	
morning rise	-3832 Dec 28 j 20:51	27°♏38'37	
direct	-3831 Jan 04 j 21:29	24°♏52'07	
	-3831 Jan 15 j 18:25	0°♐	
morning max el	-3831 Jan 18 j 14:30	2°♐36'34	27°37'18
desc. node	-3831 Jan 19 j 18:33	3°♐47'39	
	-3831 Feb 08 j 01:21	0°♑	
morning set	-3831 Feb 22 j 00:22	25°♑17'45	
	-3831 Feb 24 j 08:10	0°♒	
max. Earth dist.	-3831 Feb 27 j 08:09	6°♒14'43	1.33278 AU
superior conj	-3831 Mar 01 j 17:37	11°♒20'34	0°-46'-34
minimum elong	-3831 Mar 01 j 19:40	11°♒31'32	0°46'18
asc. node	-3831 Mar 06 j 08:35	21°♒17'13	
evening rise	-3831 Mar 08 j 21:38	26°♒41'31	
	-3831 Mar 10 j 11:47	0°♓	
	-3831 Mar 28 j 18:59	0°♈	
evening max el	-3831 Mar 31 j 18:26	3°♈07'24	23°09'40
retrograde	-3831 Apr 14 j 04:16	9°♈44'21	
evening set	-3831 Apr 17 j 16:25	9°♈17'28	
desc. node	-3831 Apr 17 j 17:23	9°♈16'52	
min. Earth dist.	-3831 Apr 25 j 05:05	5°♈54'40	0.55741 AU
inferior conj	-3831 Apr 26 j 21:10	4°♈55'57	-2°-24'-44
minimum elong	-3831 Apr 26 j 15:31	5°♈04'15	2°23'04
morning rise	-3831 May 05 j 17:36	0°♈58'18	
direct	-3831 May 08 j 06:28	0°♈42'42	
morning max el	-3831 May 19 j 00:17	5°♈42'53	20°26'29
asc. node	-3831 Jun 02 j 08:10	26°♈46'33	
	-3831 Jun 04 j 00:00	0°♉	
morning set	-3831 Jun 06 j 15:20	5°♉17'45	
superior conj	-3831 Jun 14 j 09:11	21°♉10'53	1°37'32
minimum elong	-3831 Jun 14 j 06:50	20°♉58'55	1°37'27
	-3831 Jun 18 j 19:35	0°♊	
max. Earth dist.	-3831 Jun 19 j 04:44	0°♊44'30	1.36210 AU
evening rise	-3831 Jun 23 j 08:31	8°♊37'04	
	-3831 Jul 05 j 19:55	0°♋	
desc. node	-3831 Jul 14 j 16:16	13°♋13'20	
	-3831 Jul 28 j 08:08	0°♌	
evening max el	-3831 Jul 29 j 01:58	0°♌44'14	26°07'40
retrograde	-3831 Aug 10 j 15:17	7°♌53'45	
evening set	-3831 Aug 16 j 23:01	5°♌13'45	
min. Earth dist.	-3831 Aug 21 j 03:56	0°♌40'53	0.66387 AU
	-3831 Aug 21 j 17:02	30°℞♋	
inferior conj	-3831 Aug 22 j 12:29	28°♋58'56	-2°-11'-21
minimum elong	-3831 Aug 22 j 15:27	28°♋49'38	2°10'10
morning rise	-3831 Aug 28 j 08:40	23°♋04'47	
asc. node	-3831 Aug 29 j 07:25	22°♋35'49	
direct	-3831 Aug 31 j 11:48	22°♋08'25	
morning max el	-3831 Sep 07 j 10:26	26°♋03'42	19°01'08
	-3831 Sep 10 j 19:44	0°♌	
morning set	-3831 Sep 29 j 12:34	28°♌18'11	
	-3831 Sep 30 j 14:22	0°♍	
desc. node	-3831 Oct 10 j 15:53	15°♍51'06	
max. Earth dist.	-3831 Oct 14 j 14:11	22°♍02'30	1.44739 AU
superior conj	-3831 Oct 15 j 23:19	24°♍13'15	0°-33'-17
minimum elong	-3831 Oct 15 j 19:04	23°♍56'28	0°32'44
	-3831 Oct 19 j 14:54	0°♎	
evening rise	-3831 Oct 31 j 09:23	18°♎54'22	
	-3831 Nov 07 j 05:06	0°♏	
evening max el	-3831 Nov 20 j 20:11	19°♏34'36	18°42'47
asc. node	-3831 Nov 25 j 06:20	22°♏52'00	
retrograde	-3831 Nov 27 j 13:31	23°♏21'01	
evening set	-3831 Nov 30 j 13:49	22°♏29'41	
inferior conj	-3831 Dec 06 j 11:39	16°♏47'29	3°13'59
minimum elong	-3831 Dec 06 j 08:31	16°♏56'55	3°13'07
min. Earth dist.	-3831 Dec 08 j 06:29	14°♏38'47	0.64942 AU
morning rise	-3831 Dec 12 j 02:05	10°♏40'17	
direct	-3831 Dec 18 j 19:09	7°♏50'15	
morning max el	-3831 Dec 31 j 23:54	15°♏27'29	27°02'01
desc. node	-3830 Jan 06 j 15:35	21°♏42'50	
	-3830 Jan 13 j 00:41	0°♐	
	-3830 Jan 31 j 18:32	0°♑	
morning set	-3830 Feb 05 j 13:55	9°♑00'00	
max. Earth dist.	-3830 Feb 10 j 04:41	18°♑08'42	1.34254 AU
superior conj	-3830 Feb 13 j 21:11	25°♑45'30	-1°-10'-2
minimum elong	-3830 Feb 14 j 00:03	26°♑00'30	1°09'44
	-3830 Feb 15 j 21:35	0°♒	
evening rise	-3830 Feb 21 j 07:50	11°♒26'11	
asc. node	-3830 Feb 21 j 05:35	11°♒14'30	
	-3830 Mar 03 j 01:27	0°♓	
evening max el	-3830 Mar 13 j 15:12	13°♓58'57	21°37'47
retrograde	-3830 Mar 25 j 19:39	19°♓51'17	
evening set	-3830 Mar 28 j 10:34	19°♓35'49	
desc. node	-3830 Apr 04 j 14:31	16°♓45'34	
inferior conj	-3830 Apr 06 j 18:02	15°♓34'10	0°-35'-44
minimum elong	-3830 Apr 06 j 16:21	15°♓36'31	0°35'12
min. Earth dist.	-3830 Apr 06 j 18:53	15°♓32'58	0.55163 AU
morning rise	-3830 Apr 15 j 22:35	11°♓32'51	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3830 Apr 18 j 19:33	11°♓14'38	
morning max el	-3830 May 01 j 04:18	17°♓07'24	21°52'19
	-3830 May 11 j 06:16	0°♈	
asc. node	-3830 May 20 j 05:11	16°♈25'39	
morning set	-3830 May 22 j 00:33	20°♈07'55	
	-3830 May 26 j 17:17	0°♉	
superior conj	-3830 May 29 j 09:32	5°♉38'01	1°22'33
minimum elong	-3830 May 29 j 06:51	5°♉23'59	1°22'16
max. Earth dist.	-3830 Jun 01 j 19:56	12°♉43'37	1.34767 AU
evening rise	-3830 Jun 06 j 13:22	22°♉06'08	
	-3830 Jun 10 j 18:24	0°♊	
	-3830 Jun 29 j 13:56	0°♋	
desc. node	-3830 Jul 01 j 13:19	2°♋38'33	
evening max el	-3830 Jul 11 j 13:24	14°♋10'59	26°58'15
retrograde	-3830 Jul 24 j 17:37	21°♋31'17	
evening set	-3830 Jul 31 j 13:34	18°♋44'22	
min. Earth dist.	-3830 Aug 04 j 10:52	14°♋50'18	0.65360 AU
inferior conj	-3830 Aug 06 j 08:37	12°♋37'35	-2°-58'-39
minimum elong	-3830 Aug 06 j 12:19	12°♋26'51	2°57'24
morning rise	-3830 Aug 12 j 12:15	6°♋57'28	
direct	-3830 Aug 15 j 08:25	6°♋13'09	
asc. node	-3830 Aug 16 j 04:30	6°♋16'59	
morning max el	-3830 Aug 21 j 22:32	9°♋49'23	18°22'12
	-3830 Sep 04 j 21:27	0°♌	
morning set	-3830 Sep 10 j 02:34	8°♌33'22	
	-3830 Sep 23 j 09:03	0°♍	
superior conj	-3830 Sep 24 j 23:16	2°♍31'36	0°16'16
minimum elong	-3830 Sep 25 j 01:20	2°♍39'49	0°16'05
behind sun begin	-3830 Sep 24 j 23:31	2°♍32'36	
behind sun end	-3830 Sep 25 j 03:09	2°♍47'02	
max. Earth dist.	-3830 Sep 27 j 08:39	6°♍18'31	1.44767 AU
desc. node	-3830 Sep 27 j 12:49	6°♍34'56	
evening rise	-3830 Oct 11 j 13:19	28°♍35'07	
	-3830 Oct 12 j 11:00	0°♎	
greatest brilliancy	-3830 Oct 25 j 22:48	20°♎50'43	-0.7m
	-3830 Nov 01 j 13:34	0°♏	
evening max el	-3830 Nov 04 j 04:55	3°♏00'49	19°26'15
retrograde	-3830 Nov 11 j 09:38	7°♏10'28	
asc. node	-3830 Nov 12 j 03:25	7°♏07'18	
evening set	-3830 Nov 14 j 17:01	6°♏06'35	
inferior conj	-3830 Nov 20 j 08:59	0°♏09'37	2°34'00
minimum elong	-3830 Nov 20 j 06:01	0°♏19'11	2°32'59
	-3830 Nov 20 j 11:58	30°℞♎	
min. Earth dist.	-3830 Nov 21 j 14:04	28°♎35'56	0.66060 AU
morning rise	-3830 Nov 25 j 18:15	23°♎56'23	
direct	-3830 Dec 01 j 22:40	21°♎15'06	
morning max el	-3830 Dec 14 j 09:26	28°♎34'34	26°00'32
	-3830 Dec 15 j 18:35	0°♏	
desc. node	-3830 Dec 24 j 12:36	10°♏32'40	
	-3829 Jan 06 j 19:21	0°♐	
morning set	-3829 Jan 19 j 13:40	21°♐56'10	
max. Earth dist.	-3829 Jan 23 j 13:46	29°♐30'31	1.35670 AU
	-3829 Jan 23 j 19:52	0°♑	
superior conj	-3829 Jan 28 j 17:40	9°♑44'20	-1°-30'-37
minimum elong	-3829 Jan 28 j 20:51	10°♑00'25	1°30'26
evening rise	-3829 Feb 05 j 14:47	25°♑55'18	
	-3829 Feb 07 j 15:08	0°♒	
asc. node	-3829 Feb 08 j 02:35	0°♒57'08	
evening max el	-3829 Feb 23 j 21:19	25°♒20'12	20°18'05
	-3829 Mar 03 j 14:45	0°♓	
retrograde	-3829 Mar 06 j 10:34	0°♓21'07	
evening set	-3829 Mar 08 j 17:54	0°♓07'46	
	-3829 Mar 09 j 08:29	30°℞♒	
inferior conj	-3829 Mar 17 j 15:16	26°♒08'58	1°19'12
minimum elong	-3829 Mar 17 j 18:37	26°♒04'00	1°18'01
min. Earth dist.	-3829 Mar 19 j 08:58	25°♒07'12	0.55516 AU
desc. node	-3829 Mar 22 j 11:39	23°♒24'42	
morning rise	-3829 Mar 26 j 17:00	21°♒46'07	
direct	-3829 Mar 30 j 09:28	21°♒16'27	
morning max el	-3829 Apr 12 j 23:24	27°♒57'30	23°29'46
	-3829 Apr 14 j 23:56	0°♓	
	-3829 May 04 j 00:22	0°♈	
morning set	-3829 May 06 j 12:12	5°♈07'59	
asc. node	-3829 May 07 j 02:11	6°♈21'24	
superior conj	-3829 May 13 j 15:48	20°♈24'41	1°03'31
minimum elong	-3829 May 13 j 13:23	20°♈11'44	1°03'09
max. Earth dist.	-3829 May 15 j 20:50	25°♈06'57	1.33693 AU
	-3829 May 18 j 04:52	0°♉	
evening rise	-3829 May 21 j 06:21	6°♉13'21	
	-3829 Jun 03 j 08:51	0°♊	
desc. node	-3829 Jun 18 j 10:23	21°♊21'27	
evening max el	-3829 Jun 24 j 00:08	27°♊21'41	27°23'27
	-3829 Jun 26 j 23:26	0°♋	
retrograde	-3829 Jul 07 j 14:30	4°♋45'42	
evening set	-3829 Jul 14 j 17:32	2°♋03'12	
	-3829 Jul 17 j 02:38	30°℞♊	
min. Earth dist.	-3829 Jul 18 j 09:01	28°♊44'36	0.63951 AU
inferior conj	-3829 Jul 20 j 20:49	26°♊07'05	-3°-39'-4
minimum elong	-3829 Jul 21 j 00:33	25°♊57'13	3°38'06
morning rise	-3829 Jul 27 j 09:24	20°♊44'14	
direct	-3829 Jul 30 j 00:48	20°♊09'05	
asc. node	-3829 Aug 03 j 01:35	21°♊30'37	
morning max el	-3829 Aug 05 j 13:14	23°♊35'00	18°00'30
	-3829 Aug 10 j 15:52	0°♋	
morning set	-3829 Aug 22 j 18:56	20°♋03'49	
	-3829 Aug 28 j 14:41	0°♌	
superior conj	-3829 Sep 04 j 15:08	11°♌39'45	0°59'45
minimum elong	-3829 Sep 04 j 20:46	12°♌02'47	0°59'13
max. Earth dist.	-3829 Sep 10 j 01:17	20°♌25'18	1.44078 AU
desc. node	-3829 Sep 14 j 09:45	27°♌19'06	
	-3829 Sep 16 j 02:46	0°♍	
evening rise	-3829 Sep 20 j 21:42	7°♍26'35	
	-3829 Oct 05 j 19:41	0°♎	
greatest brilliancy	-3829 Oct 11 j 22:18	8°♎38'34	-0.6m
evening max el	-3829 Oct 18 j 08:29	16°♎26'46	20°24'44
retrograde	-3829 Oct 26 j 06:58	21°♎07'17	
evening set	-3829 Oct 29 j 23:35	19°♎48'23	
asc. node	-3829 Oct 30 j 00:32	19°♎46'40	
inferior conj	-3829 Nov 04 j 11:27	13°♎40'09	1°47'36
minimum elong	-3829 Nov 04 j 09:09	13°♎47'52	1°46'42
min. Earth dist.	-3829 Nov 05 j 04:24	12°♎42'57	0.66831 AU
morning rise	-3829 Nov 09 j 18:12	7°♎23'24	
direct	-3829 Nov 15 j 07:40	4°♎58'51	
morning max el	-3829 Nov 26 j 18:12	11°♎47'43	24°41'44
desc. node	-3829 Dec 11 j 09:35	0°♏00'44	
	-3829 Dec 11 j 09:22	0°♏	
	-3829 Dec 30 j 13:12	0°♐	
morning set	-3828 Jan 01 j 18:02	3°♐49'52	
max. Earth dist.	-3828 Jan 05 j 12:47	10°♐36'47	1.37486 AU
superior conj	-3828 Jan 12 j 03:47	23°♐07'00	-1°-46'-23
minimum elong	-3828 Jan 12 j 06:24	23°♐19'41	1°46'24
	-3828 Jan 15 j 15:46	0°♑	
evening rise	-3828 Jan 20 j 16:14	10°♑01'24	
asc. node	-3828 Jan 25 j 23:38	20°♑18'41	
	-3828 Jan 31 j 16:46	0°♒	
evening max el	-3828 Feb 06 j 14:01	7°♒17'17	19°16'07
retrograde	-3828 Feb 15 j 12:41	11°♒33'08	
evening set	-3828 Feb 17 j 20:49	11°♒16'56	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3828 Feb 26 j 01:55	7°♒06'50	2°49'39
minimum elong	-3828 Feb 26 j 06:53	6°♒58'27	2°48'18
min. Earth dist.	-3828 Feb 29 j 00:05	5°♒09'27	0.56718 AU
morning rise	-3828 Mar 05 j 13:09	2°♒13'31	
desc. node	-3828 Mar 08 j 08:47	1°♒28'17	
direct	-3828 Mar 10 j 10:31	1°♒18'12	
morning max el	-3828 Mar 24 j 14:28	8°♒32'41	25°07'13
	-3828 Apr 09 j 12:09	0°♓	
morning set	-3828 Apr 20 j 00:27	20°♓10'28	
asc. node	-3828 Apr 22 j 23:12	26°♓27'29	
	-3828 Apr 24 j 14:26	0°♈	
superior conj	-3828 Apr 27 j 01:39	5°♈22'05	0°41'37
minimum elong	-3828 Apr 26 j 23:54	5°♈12'38	0°41'17
max. Earth dist.	-3828 Apr 28 j 05:13	7°♈51'42	1.32981 AU
evening rise	-3828 May 04 j 07:42	20°♈45'58	
	-3828 May 08 j 23:39	0°♉	
	-3828 May 27 j 13:02	0°♊	
desc. node	-3828 Jun 04 j 07:29	9°♊03'28	
evening max el	-3828 Jun 05 j 08:06	10°♊03'48	27°18'04
retrograde	-3828 Jun 19 j 05:15	17°♊27'06	
evening set	-3828 Jun 26 j 07:07	15°♊03'13	
min. Earth dist.	-3828 Jun 29 j 21:26	12°♊10'50	0.62182 AU
inferior conj	-3828 Jul 02 j 22:05	9°♊20'34	-4°-8'-24
minimum elong	-3828 Jul 03 j 00:46	9°♊14'15	4°07'57
morning rise	-3828 Jul 09 j 20:58	4°♊17'35	
direct	-3828 Jul 12 j 09:36	3°♊49'15	
morning max el	-3828 Jul 19 j 03:48	7°♊14'05	17°57'07
asc. node	-3828 Jul 19 j 22:41	8°♊02'29	
	-3828 Aug 02 j 22:07	0°♋	
morning set	-3828 Aug 04 j 08:44	2°♋35'55	
superior conj	-3828 Aug 15 j 10:06	22°♋08'50	1°29'39
minimum elong	-3828 Aug 15 j 14:59	22°♋29'42	1°29'23
	-3828 Aug 20 j 01:46	0°♌	
max. Earth dist.	-3828 Aug 22 j 13:27	4°♌06'02	1.42773 AU
evening rise	-3828 Aug 30 j 03:05	16°♌12'50	
desc. node	-3828 Aug 31 j 06:43	18°♌00'46	
	-3828 Sep 08 j 02:52	0°♍	
greatest brilliancy	-3828 Sep 25 j 05:54	24°♍07'30	-0.4m
evening max el	-3828 Sep 30 j 06:00	29°♍52'22	21°35'22
	-3828 Sep 30 j 09:00	0°♎	
retrograde	-3828 Oct 09 j 03:27	5°♎09'14	
evening set	-3828 Oct 13 j 07:35	3°♎32'49	
asc. node	-3828 Oct 15 j 21:40	0°♎57'52	
	-3828 Oct 16 j 16:24	30°℞♍	
inferior conj	-3828 Oct 18 j 16:56	27°♍16'57	0°57'02
minimum elong	-3828 Oct 18 j 15:38	27°♍21'24	0°56'30
min. Earth dist.	-3828 Oct 18 j 23:02	26°♍55'54	0.67285 AU
morning rise	-3828 Oct 23 j 23:24	20°♍59'37	
direct	-3828 Oct 28 j 21:35	18°♍55'49	
morning max el	-3828 Nov 08 j 03:42	25°♍03'21	23°15'31
	-3828 Nov 12 j 14:21	0°♎	
greatest brilliancy	-3828 Nov 13 j 10:31	1°♎01'03	-0.3m
desc. node	-3828 Nov 27 j 06:32	19°♎56'09	
	-3828 Dec 03 j 22:00	0°♏	
morning set	-3828 Dec 12 j 20:53	14°♏25'24	
max. Earth dist.	-3828 Dec 17 j 08:12	22°♏01'59	1.39540 AU
	-3828 Dec 21 j 20:19	0°♐	
superior conj	-3828 Dec 24 j 23:20	5°♐42'37	-1°-54'-36
minimum elong	-3828 Dec 25 j 00:05	5°♐46'01	1°54'45
evening rise	-3827 Jan 03 j 09:34	23°♐37'51	
	-3827 Jan 06 j 17:41	0°♑	
asc. node	-3827 Jan 11 j 20:42	9°♑12'00	
evening max el	-3827 Jan 19 j 15:55	19°♑46'59	18°33'55
retrograde	-3827 Jan 27 j 08:43	23°♑32'11	
evening set	-3827 Jan 29 j 19:52	23°♑10'27	
inferior conj	-3827 Feb 06 j 08:28	18°♑40'58	3°42'47
minimum elong	-3827 Feb 06 j 11:38	18°♑34'46	3°42'12
min. Earth dist.	-3827 Feb 09 j 17:38	16°♑03'27	0.58501 AU
morning rise	-3827 Feb 13 j 23:48	13°♑21'15	
direct	-3827 Feb 20 j 01:01	11°♑48'35	
desc. node	-3827 Feb 23 j 05:53	12°♑14'06	
morning max el	-3827 Mar 06 j 07:21	19°♑20'23	26°29'42
	-3827 Mar 15 j 08:27	0°♒	
	-3827 Apr 01 j 23:25	0°♓	
morning set	-3827 Apr 04 j 11:37	5°♓09'23	
asc. node	-3827 Apr 09 j 20:12	16°♓39'23	
superior conj	-3827 Apr 11 j 13:12	20°♓23'36	0°17'47
minimum elong	-3827 Apr 11 j 12:25	20°♓19'20	0°17'35
max. Earth dist.	-3827 Apr 11 j 17:51	20°♓49'08	1.32617 AU
	-3827 Apr 15 j 23:18	0°♈	
evening rise	-3827 Apr 18 j 14:36	5°♈34'38	
	-3827 May 01 j 16:04	0°♉	
evening max el	-3827 May 18 j 11:02	22°♉07'13	26°39'52
desc. node	-3827 May 22 j 04:38	25°♉19'00	
retrograde	-3827 Jun 01 j 12:16	29°♉26'45	
evening set	-3827 Jun 08 j 02:04	27°♉34'56	
min. Earth dist.	-3827 Jun 12 j 00:30	24°♉53'48	0.60180 AU
inferior conj	-3827 Jun 15 j 08:52	22°♉09'13	-4°-20'-10
minimum elong	-3827 Jun 15 j 09:03	22°♉08'50	4°20'05
morning rise	-3827 Jun 22 j 19:23	17°♉27'55	
direct	-3827 Jun 25 j 06:58	17°♉04'39	
morning max el	-3827 Jul 02 j 15:18	20°♉38'40	18°12'55
asc. node	-3827 Jul 06 j 19:44	25°♉36'37	
	-3827 Jul 09 j 17:25	0°♊	
morning set	-3827 Jul 18 j 14:28	15°♊55'14	
	-3827 Jul 26 j 03:23	0°♋	
superior conj	-3827 Jul 28 j 07:11	3°♋55'45	1°45'17
minimum elong	-3827 Jul 28 j 09:26	4°♋05'55	1°45'21
max. Earth dist.	-3827 Aug 04 j 20:06	17°♋08'02	1.41031 AU
evening rise	-3827 Aug 10 j 00:44	25°♋46'02	
	-3827 Aug 12 j 15:45	0°♌	
desc. node	-3827 Aug 18 j 03:43	8°♌36'03	
	-3827 Sep 01 j 22:11	0°♍	
greatest brilliancy	-3827 Sep 07 j 21:30	7°♍41'29	-0.3m
evening max el	-3827 Sep 12 j 21:50	13°♍18'18	22°53'56
retrograde	-3827 Sep 22 j 21:30	19°♍13'27	
evening set	-3827 Sep 27 j 15:10	17°♍17'41	
inferior conj	-3827 Oct 02 j 23:34	10°♍57'43	0°04'06
minimum elong	-3827 Oct 02 j 23:28	10°♍58'03	0°04'07
transit middle	-3827 Oct 02 j 23:28	10°♍58'03	0°04'07
transit begin	-3827 Oct 02 j 20:51	11°♍07'04	
transit end	-3827 Oct 03 j 02:05	10°♍49'03	
asc. node	-3827 Oct 02 j 18:47	11°♍14'10	
min. Earth dist.	-3827 Oct 02 j 19:24	11°♍12'03	0.67440 AU
morning rise	-3827 Oct 08 j 07:42	4°♍42'54	
direct	-3827 Oct 12 j 15:26	3°♍00'45	
morning max el	-3827 Oct 21 j 17:06	8°♍23'26	21°50'50
greatest brilliancy	-3827 Oct 26 j 14:59	13°♍59'49	-0.4m
	-3827 Nov 07 j 07:20	0°♎	
desc. node	-3827 Nov 14 j 03:29	10°♎10'38	
morning set	-3827 Nov 22 j 18:50	23°♎37'01	
	-3827 Nov 26 j 17:45	0°♏	
max. Earth dist.	-3827 Nov 29 j 07:58	4°♏16'20	1.41563 AU
superior conj	-3827 Dec 06 j 22:54	17°♏17'01	-1°-51'-46
minimum elong	-3827 Dec 06 j 20:20	17°♏05'45	1°51'47
	-3827 Dec 14 j 01:04	0°♐	
evening rise	-3827 Dec 17 j 15:24	6°♐36'50	
asc. node	-3827 Dec 29 j 17:46	27°♐27'38	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3827 Dec 31 j 15:02	0°♉	
evening max el	-3826 Jan 03 j 00:11	2°♉40'39	18°11'46
retrograde	-3826 Jan 09 j 22:26	6°♉10'51	
evening set	-3826 Jan 12 j 12:24	5°♉42'22	
inferior conj	-3826 Jan 19 j 10:49	0°♉50'37	4°02'05
minimum elong	-3826 Jan 19 j 11:11	0°♉49'46	4°01'55
	-3826 Jan 20 j 09:02	30°℞♐	
min. Earth dist.	-3826 Jan 22 j 16:24	27°♐56'04	0.60509 AU
morning rise	-3826 Jan 26 j 07:14	25°♐11'46	
direct	-3826 Feb 02 j 02:26	23°♐01'43	
desc. node	-3826 Feb 10 j 02:57	25°♐42'49	
	-3826 Feb 15 j 12:33	0°♉	
morning max el	-3826 Feb 16 j 05:56	0°♉41'41	27°24'06
	-3826 Mar 09 j 08:59	0°♒	
morning set	-3826 Mar 19 j 19:54	19°♒58'06	
	-3826 Mar 24 j 13:25	0°♓	
max. Earth dist.	-3826 Mar 26 j 07:06	3°♓46'37	1.32587 AU
superior conj	-3826 Mar 27 j 00:46	5°♓23'09	0°-7'-9
minimum elong	-3826 Mar 27 j 01:06	5°♓24'55	0°07'10
behind sun begin	-3826 Mar 26 j 20:35	5°♓00'16	
behind sun end	-3826 Mar 27 j 05:36	5°♓49'35	
asc. node	-3826 Mar 27 j 17:12	6°♓53'00	
evening rise	-3826 Apr 03 j 00:49	20°♓31'19	
	-3826 Apr 07 j 16:48	0°♈	
	-3826 Apr 26 j 23:39	0°♉	
evening max el	-3826 Apr 30 j 07:44	3°♉29'07	25°31'59
desc. node	-3826 May 09 j 01:45	9°♉34'45	
retrograde	-3826 May 14 j 09:32	10°♉41'12	
evening set	-3826 May 19 j 23:25	9°♉27'43	
min. Earth dist.	-3826 May 24 j 20:04	6°♉41'13	0.58168 AU
inferior conj	-3826 May 28 j 01:41	4°♉23'53	-4°-5'-10
minimum elong	-3826 May 27 j 22:18	4°♉29'55	4°04'43
morning rise	-3826 Jun 05 j 01:09	0°♉04'16	
	-3826 Jun 05 j 08:15	30°℞♈	
direct	-3826 Jun 07 j 12:35	29°♈44'57	
	-3826 Jun 09 j 15:41	0°♉	
morning max el	-3826 Jun 15 j 20:55	3°♉40'39	18°48'46
asc. node	-3826 Jun 23 j 16:46	13°♉59'22	
morning set	-3826 Jul 02 j 07:46	29°♉50'54	
	-3826 Jul 02 j 09:38	0°♊	
superior conj	-3826 Jul 11 j 01:02	16°♊46'27	1°49'03
minimum elong	-3826 Jul 11 j 00:50	16°♊45'28	1°49'12
max. Earth dist.	-3826 Jul 17 j 22:47	29°♊29'02	1.39086 AU
	-3826 Jul 18 j 05:44	0°♋	
evening rise	-3826 Jul 22 j 00:03	6°♋33'34	
desc. node	-3826 Aug 05 j 00:45	29°♋00'50	
	-3826 Aug 05 j 16:37	0°♌	
evening max el	-3826 Aug 26 j 09:54	26°♌46'43	24°14'28
	-3826 Aug 30 j 00:12	0°♍	
retrograde	-3826 Sep 06 j 12:05	3°♍17'27	
evening set	-3826 Sep 11 j 20:38	1°♍02'00	
	-3826 Sep 12 j 22:57	30°℞♌	
min. Earth dist.	-3826 Sep 16 j 15:04	25°♌30'31	0.67293 AU
inferior conj	-3826 Sep 17 j 05:39	24°♌41'20	0°-49'-30
minimum elong	-3826 Sep 17 j 06:48	24°♌37'25	0°48'56
asc. node	-3826 Sep 19 j 15:53	21°♌32'28	
morning rise	-3826 Sep 22 j 17:13	18°♌32'12	
direct	-3826 Sep 26 j 12:06	17°♌10'16	
morning max el	-3826 Oct 04 j 13:15	21°♌52'29	20°34'31
greatest brilliancy	-3826 Oct 10 j 20:06	29°♌24'05	-0.5m
	-3826 Oct 11 j 06:52	0°♍	
	-3826 Oct 31 j 14:23	0°♎	
desc. node	-3826 Nov 01 j 00:26	0°♎38'55	
morning set	-3826 Nov 01 j 19:51	1°♎54'09	
max. Earth dist.	-3826 Nov 11 j 15:37	17°♎25'59	1.43258 AU
superior conj	-3826 Nov 17 j 21:02	27°♎37'46	-1°-34'-3
minimum elong	-3826 Nov 17 j 14:52	27°♎12'09	1°33'37
	-3826 Nov 19 j 07:05	0°♏	
evening rise	-3826 Nov 30 j 05:50	18°♏51'01	
	-3826 Dec 06 j 15:01	0°♐	
asc. node	-3826 Dec 16 j 14:49	14°♐54'39	
evening max el	-3826 Dec 17 j 12:00	15°♐50'44	18°09'09
retrograde	-3826 Dec 24 j 01:55	19°♐19'13	
evening set	-3826 Dec 26 j 18:52	18°♐43'05	
inferior conj	-3825 Jan 02 j 05:51	13°♐29'49	3°56'13
minimum elong	-3825 Jan 02 j 04:04	13°♐34'26	3°55'54
min. Earth dist.	-3825 Jan 04 j 23:40	10°♐40'53	0.62445 AU
morning rise	-3825 Jan 08 j 11:17	7°♐37'03	
direct	-3825 Jan 15 j 12:41	4°♐59'55	
desc. node	-3825 Jan 28 j 00:00	11°♐21'46	
morning max el	-3825 Jan 29 j 10:42	12°♐44'06	27°43'01
	-3825 Feb 12 j 06:44	0°♉	
	-3825 Mar 01 j 17:18	0°♒	
morning set	-3825 Mar 03 j 23:07	4°♒28'34	
max. Earth dist.	-3825 Mar 09 j 16:57	16°♒29'10	1.32912 AU
superior conj	-3825 Mar 11 j 10:41	20°♒14'08	0°-32'-20
minimum elong	-3825 Mar 11 j 12:08	20°♒21'59	0°32'09
asc. node	-3825 Mar 14 j 14:11	27°♒03'40	
	-3825 Mar 15 j 22:49	0°♓	
evening rise	-3825 Mar 18 j 12:23	5°♓28'15	
	-3825 Mar 31 j 16:55	0°♈	
evening max el	-3825 Apr 11 j 23:50	14°♈18'41	24°03'58
retrograde	-3825 Apr 25 j 19:03	21°♈13'56	
desc. node	-3825 Apr 25 j 22:52	21°♈13'52	
evening set	-3825 Apr 30 j 01:09	20°♈33'40	
min. Earth dist.	-3825 May 06 j 11:22	17°♈27'34	0.56453 AU
inferior conj	-3825 May 08 j 22:16	15°♈56'19	-3°-13'-14
minimum elong	-3825 May 08 j 16:22	16°♈05'31	3°11'49
morning rise	-3825 May 17 j 11:30	11°♈54'06	
direct	-3825 May 19 j 23:11	11°♈37'50	
morning max el	-3825 May 29 j 17:53	16°♈09'59	19°45'08
	-3825 Jun 08 j 21:43	0°♉	
asc. node	-3825 Jun 10 j 13:47	2°♉58'37	
morning set	-3825 Jun 16 j 09:12	14°♉13'10	
superior conj	-3825 Jun 24 j 10:03	0°♊24'32	1°43'46
minimum elong	-3825 Jun 24 j 08:14	0°♊15'28	1°43'47
	-3825 Jun 24 j 05:07	0°♊	
max. Earth dist.	-3825 Jun 30 j 01:41	11°♊20'05	1.37192 AU
evening rise	-3825 Jul 04 j 00:05	18°♊34'10	
	-3825 Jul 10 j 14:20	0°♋	
desc. node	-3825 Jul 22 j 21:48	19°♋08'49	
	-3825 Jul 30 j 20:53	0°♌	
evening max el	-3825 Aug 08 j 20:31	10°♌17'17	25°29'46
retrograde	-3825 Aug 20 j 22:28	17°♌16'07	
evening set	-3825 Aug 26 j 22:06	14°♌43'20	
min. Earth dist.	-3825 Aug 31 j 07:40	9°♌48'38	0.66819 AU
inferior conj	-3825 Sep 01 j 09:24	8°♌25'20	-1°-42'-11
minimum elong	-3825 Sep 01 j 11:46	8°♌17'40	1°41'09
asc. node	-3825 Sep 06 j 12:58	2°♌47'38	
morning rise	-3825 Sep 07 j 02:01	2°♌24'59	
direct	-3825 Sep 10 j 10:09	1°♌20'23	
morning max el	-3825 Sep 17 j 16:43	5°♌30'24	19°30'54
greatest brilliancy	-3825 Sep 26 j 18:10	17°♌11'55	-0.7m
	-3825 Oct 05 j 05:25	0°♍	
morning set	-3825 Oct 11 j 21:18	10°♍19'59	
desc. node	-3825 Oct 18 j 21:25	21°♍16'22	
	-3825 Oct 24 j 10:29	0°♎	
max. Earth dist.	-3825 Oct 25 j 05:32	1°♎15'24	1.44389 AU
superior conj	-3825 Oct 28 j 15:55	6°♎43'13	0°-59'-30

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3825 Oct 28 j 09:20	6°♎16'53	0°58'46
	-3825 Nov 11 j 21:34	0°♏	
evening rise	-3825 Nov 12 j 00:16	0°♏11'15	
evening max el	-3825 Dec 01 j 00:36	29°♏11'11	18°25'22
	-3825 Dec 01 j 20:40	0°♐	
asc. node	-3825 Dec 03 j 11:52	1°♐19'37	
retrograde	-3825 Dec 07 j 14:43	2°♐48'44	
evening set	-3825 Dec 10 j 11:45	2°♐03'38	
	-3825 Dec 13 j 07:11	30°℞♏	
inferior conj	-3825 Dec 16 j 13:46	26°♏31'10	3°32'59
minimum elong	-3825 Dec 16 j 10:51	26°♏39'30	3°32'18
min. Earth dist.	-3825 Dec 18 j 17:03	24°♏04'35	0.64123 AU
morning rise	-3825 Dec 22 j 08:34	20°♏28'12	
direct	-3825 Dec 29 j 06:36	17°♏38'34	
morning max el	-3824 Jan 11 j 19:25	25°♏21'43	27°26'08
desc. node	-3824 Jan 14 j 21:02	28°♏35'57	
	-3824 Jan 16 j 02:33	0°♐	
	-3824 Feb 05 j 17:13	0°♑	
morning set	-3824 Feb 15 j 18:40	18°♑32'04	
max. Earth dist.	-3824 Feb 20 j 19:21	28°♑43'32	1.33634 AU
	-3824 Feb 21 j 10:01	0°♒	
superior conj	-3824 Feb 23 j 17:10	4°♒50'45	0°-56'-46
minimum elong	-3824 Feb 23 j 19:36	5°♒03'42	0°56'29
asc. node	-3824 Feb 29 j 11:11	17°♒07'18	
evening rise	-3824 Mar 01 j 23:36	20°♒19'17	
	-3824 Mar 06 j 18:20	0°♓	
evening max el	-3824 Mar 23 j 16:57	25°♓01'27	22°29'41
	-3824 Mar 30 j 16:55	0°♈	
retrograde	-3824 Apr 05 j 16:25	1°♈22'01	
evening set	-3824 Apr 08 j 17:40	1°♈01'32	
desc. node	-3824 Apr 11 j 19:56	0°♈02'38	
	-3824 Apr 11 j 22:31	30°℞♓	
min. Earth dist.	-3824 Apr 17 j 01:32	27°♓23'32	0.55380 AU
inferior conj	-3824 Apr 18 j 01:15	26°♓49'42	-1°-41'-22
minimum elong	-3824 Apr 17 j 20:50	26°♓56'01	1°39'58
morning rise	-3824 Apr 27 j 02:09	22°♓52'52	
direct	-3824 Apr 29 j 17:00	22°♓37'04	
morning max el	-3824 May 11 j 04:18	27°♓59'18	21°01'06
	-3824 May 13 j 04:09	0°♈	
asc. node	-3824 May 27 j 10:49	22°♈25'21	
morning set	-3824 May 30 j 16:12	28°♈54'55	
	-3824 May 31 j 04:52	0°♉	
superior conj	-3824 Jun 07 j 05:50	14°♉37'00	1°31'46
minimum elong	-3824 Jun 07 j 03:15	14°♉23'44	1°31'36
max. Earth dist.	-3824 Jun 11 j 10:53	23°♉07'37	1.35550 AU
	-3824 Jun 14 j 23:47	0°♊	
evening rise	-3824 Jun 15 j 19:58	1°♊35'28	
	-3824 Jul 02 j 14:46	0°♋	
desc. node	-3824 Jul 08 j 18:49	8°♋52'34	
evening max el	-3824 Jul 21 j 07:30	23°♋47'27	26°31'45
	-3824 Jul 29 j 16:57	0°♌	
retrograde	-3824 Aug 03 j 04:05	1°♌03'31	
	-3824 Aug 07 j 06:52	30°℞♋	
evening set	-3824 Aug 09 j 17:25	28°♋19'14	
min. Earth dist.	-3824 Aug 13 j 18:51	24°♋03'00	0.65996 AU
inferior conj	-3824 Aug 15 j 08:57	22°♋07'11	-2°-32'-6
minimum elong	-3824 Aug 15 j 12:17	21°♋57'01	2°30'50
morning rise	-3824 Aug 21 j 08:09	16°♋18'42	
asc. node	-3824 Aug 23 j 10:04	15°♋32'43	
direct	-3824 Aug 24 j 07:54	15°♋28'02	
morning max el	-3824 Aug 31 j 02:16	19°♋14'27	18°42'27
	-3824 Sep 08 j 06:41	0°♌	
morning set	-3824 Sep 20 j 19:28	19°♌48'57	
	-3824 Sep 27 j 04:35	0°♍	
desc. node	-3824 Oct 04 j 18:22	11°♍58'52	
superior conj	-3824 Oct 06 j 16:52	15°♍02'06	0°-12'-17
minimum elong	-3824 Oct 06 j 15:15	14°♍55'43	0°12'02
behind sun begin	-3824 Oct 06 j 07:27	14°♍24'59	
behind sun end	-3824 Oct 06 j 23:03	15°♍26'27	
max. Earth dist.	-3824 Oct 06 j 22:43	15°♍25'06	1.44836 AU
	-3824 Oct 16 j 04:29	0°♎	
evening rise	-3824 Oct 22 j 18:27	10°♎28'08	
	-3824 Nov 04 j 02:22	0°♏	
evening max el	-3824 Nov 13 j 11:25	12°♏36'28	18°59'22
asc. node	-3824 Nov 19 j 08:58	16°♏26'25	
retrograde	-3824 Nov 20 j 08:58	16°♏32'02	
evening set	-3824 Nov 23 j 11:56	15°♏35'51	
inferior conj	-3824 Nov 29 j 07:04	9°♏47'08	2°57'58
minimum elong	-3824 Nov 29 j 03:55	9°♏56'54	2°57'00
min. Earth dist.	-3824 Nov 30 j 19:58	7°♏52'35	0.65458 AU
morning rise	-3824 Dec 04 j 18:55	3°♏36'53	
direct	-3824 Dec 11 j 07:01	0°♏49'00	
morning max el	-3824 Dec 24 j 05:04	8°♏21'03	26°38'31
desc. node	-3824 Dec 31 j 18:04	16°♏56'49	
	-3823 Jan 10 j 05:06	0°♐	
	-3823 Jan 28 j 02:11	0°♑	
morning set	-3823 Jan 29 j 02:55	1°♑56'31	
max. Earth dist.	-3823 Feb 02 j 10:51	10°♑21'39	1.34797 AU
superior conj	-3823 Feb 06 j 18:02	19°♑05'29	-1°-19'-14
minimum elong	-3823 Feb 06 j 21:07	19°♑21'24	1°18'58
	-3823 Feb 11 j 23:26	0°♒	
evening rise	-3823 Feb 14 j 08:37	4°♒57'41	
asc. node	-3823 Feb 15 j 08:11	6°♒58'49	
	-3823 Feb 28 j 11:14	0°♓	
evening max el	-3823 Mar 05 j 17:21	6°♓03'56	21°02'01
retrograde	-3823 Mar 17 j 06:01	11°♓34'14	
evening set	-3823 Mar 19 j 15:57	11°♓20'39	
inferior conj	-3823 Mar 28 j 20:26	7°♓22'39	0°14'19
minimum elong	-3823 Mar 28 j 21:05	7°♓21'43	0°14'01
transit middle	-3823 Mar 28 j 21:05	7°♓21'43	0°14'01
transit begin	-3823 Mar 28 j 19:11	7°♓24'25	
transit end	-3823 Mar 28 j 23:00	7°♓19'00	
min. Earth dist.	-3823 Mar 29 j 15:43	6°♓55'12	0.55196 AU
desc. node	-3823 Mar 29 j 17:03	6°♓53'19	
morning rise	-3823 Apr 07 j 01:15	3°♓13'35	
direct	-3823 Apr 10 j 04:58	2°♓51'52	
morning max el	-3823 Apr 23 j 04:06	9°♓07'23	22°32'56
	-3823 May 08 j 02:01	0°♈	
asc. node	-3823 May 14 j 07:50	12°♈12'02	
morning set	-3823 May 15 j 02:40	13°♈49'41	
superior conj	-3823 May 22 j 09:01	29°♈13'24	1°14'54
minimum elong	-3823 May 22 j 06:23	28°♈59'28	1°14'35
	-3823 May 22 j 17:50	0°♉	
max. Earth dist.	-3823 May 25 j 06:07	5°♉15'25	1.34262 AU
evening rise	-3823 May 30 j 06:30	15°♉22'34	
	-3823 Jun 07 j 03:39	0°♊	
desc. node	-3823 Jun 25 j 15:52	28°♊01'55	
	-3823 Jun 27 j 06:01	0°♋	
evening max el	-3823 Jul 03 j 19:00	7°♋09'45	27°12'32
retrograde	-3823 Jul 17 j 04:25	14°♋32'39	
evening set	-3823 Jul 24 j 03:56	11°♋46'17	
min. Earth dist.	-3823 Jul 27 j 22:29	8°♋07'43	0.64801 AU
inferior conj	-3823 Jul 30 j 02:06	5°♋43'29	-3°-16'-52
minimum elong	-3823 Jul 30 j 05:55	5°♋32'46	3°15'42
morning rise	-3823 Aug 05 j 09:21	0°♋10'05	
	-3823 Aug 05 j 18:19	30°℞♊	
direct	-3823 Aug 08 j 03:09	29°♊30'02	
asc. node	-3823 Aug 10 j 07:12	29°♊54'57	
	-3823 Aug 10 j 12:17	0°♋	
morning max el	-3823 Aug 14 j 15:49	3°♋01'11	18°10'44

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3823 Sep 01 j 21:17	0°♌38'29		
	-3823 Sep 01 j 12:05	0°♌		
superior conj	-3823 Sep 15 j 21:25	23°♌36'09	0°36'05	
minimum elong	-3823 Sep 16 j 01:35	23°♌52'52	0°35'38	
max. Earth dist.	-3823 Sep 19 j 16:37	29°♌39'15	1.44560 AU	
	-3823 Sep 19 j 21:51	0°♍		
desc. node	-3823 Sep 21 j 15:19	2°♍43'45		
evening rise	-3823 Oct 02 j 12:48	19°♍45'00		
	-3823 Oct 09 j 03:58	0°♎		
greatest brilliancy	-3823 Oct 20 j 00:23	16°♎15'26	-0.6m	
evening max el	-3823 Oct 27 j 18:17	26°♎03'40	19°49'28	
	-3823 Nov 02 j 01:58	0°♏		
retrograde	-3823 Nov 04 j 05:48	0°♏25'16		
asc. node	-3823 Nov 06 j 06:05	0°♏01'47		
	-3823 Nov 06 j 07:53	30°℞♎		
evening set	-3823 Nov 07 j 16:50	29°♎15'24		
inferior conj	-3823 Nov 13 j 06:53	23°♎13'29	2°14'57	
minimum elong	-3823 Nov 13 j 04:09	23°♎22'29	2°13'57	
min. Earth dist.	-3823 Nov 14 j 06:42	21°♎55'07	0.66437 AU	
morning rise	-3823 Nov 18 j 14:48	16°♎58'33		
direct	-3823 Nov 24 j 13:11	14°♎23'23		
morning max el	-3823 Dec 06 j 14:02	21°♎31'04	25°28'23	
	-3823 Dec 14 j 00:04	0°♏		
desc. node	-3823 Dec 18 j 15:05	6°♏04'48		
	-3822 Jan 03 j 10:37	0°♐		
morning set	-3822 Jan 11 j 19:07	14°♐27'52		
max. Earth dist.	-3822 Jan 15 j 14:48	21°♐31'52	1.36405 AU	
	-3822 Jan 20 j 00:09	0°♑		
superior conj	-3822 Jan 21 j 10:33	2°♑50'18	-1°-38'-4	
minimum elong	-3822 Jan 21 j 13:37	3°♑05'35	1°37'56	
evening rise	-3822 Jan 29 j 13:30	19°♑17'35		
asc. node	-3822 Feb 02 j 05:13	26°♑33'09		
	-3822 Feb 04 j 00:43	0°♒		
evening max el	-3822 Feb 16 j 04:07	17°♒40'33	19°49'21	
retrograde	-3822 Feb 25 j 23:52	22°♒20'12		
evening set	-3822 Feb 28 j 07:12	22°♒05'58		
inferior conj	-3822 Mar 08 j 22:00	18°♒04'00	2°01'51	
minimum elong	-3822 Mar 09 j 02:34	17°♒56'53	2°00'23	
min. Earth dist.	-3822 Mar 11 j 06:00	16°♒37'19	0.55942 AU	
desc. node	-3822 Mar 16 j 14:11	13°♒53'04		
morning rise	-3822 Mar 17 j 18:45	13°♒28'36		
direct	-3822 Mar 21 j 23:16	12°♒49'37		
morning max el	-3822 Apr 04 j 20:28	19°♒46'46	24°12'07	
	-3822 Apr 13 j 10:47	0°♓		
morning set	-3822 Apr 29 j 14:45	28°♓51'11		
	-3822 Apr 30 j 03:50	0°♈		
asc. node	-3822 May 01 j 04:49	2°♈12'30		
superior conj	-3822 May 06 j 17:00	14°♈05'01	0°54'31	
minimum elong	-3822 May 06 j 14:49	13°♈53'18	0°54'09	
max. Earth dist.	-3822 May 08 j 10:41	17°♈49'06	1.33347 AU	
evening rise	-3822 May 14 j 03:25	29°♈41'47		
	-3822 May 14 j 07:02	0°♉		
	-3822 May 31 j 05:41	0°♊		
desc. node	-3822 Jun 12 j 12:58	16°♊21'39		
evening max el	-3822 Jun 16 j 05:06	20°♊10'38	27°25'18	
retrograde	-3822 Jun 29 j 22:34	27°♊33'58		
evening set	-3822 Jul 07 j 02:16	24°♊57'57		
min. Earth dist.	-3822 Jul 10 j 16:38	21°♊51'49	0.63234 AU	
inferior conj	-3822 Jul 13 j 10:04	19°♊07'25	-3°-53'-12	
minimum elong	-3822 Jul 13 j 13:31	18°♊58'42	3°52'27	
morning rise	-3822 Jul 20 j 02:49	13°♊52'25		
direct	-3822 Jul 22 j 16:54	13°♊20'18		
asc. node	-3822 Jul 28 j 04:17	15°♊43'45		
morning max el	-3822 Jul 29 j 06:44	16°♊44'32	17°56'48	
	-3822 Aug 07 j 16:39	0°♋		
morning set	-3822 Aug 14 j 23:32	12°♋37'39		
	-3822 Aug 25 j 01:11	0°♌		
superior conj	-3822 Aug 27 j 00:17	3°♌17'12	1°14'15	
minimum elong	-3822 Aug 27 j 06:01	3°♌41'03	1°13'47	
max. Earth dist.	-3822 Sep 02 j 08:07	13°♌38'59	1.43596 AU	
desc. node	-3822 Sep 08 j 12:17	23°♌27'32		
evening rise	-3822 Sep 11 j 17:30	28°♌28'22		
	-3822 Sep 12 j 17:13	0°♍		
	-3822 Oct 03 j 00:58	0°♎		
greatest brilliancy	-3822 Oct 05 j 02:55	2°♎46'21	-0.5m	
evening max el	-3822 Oct 10 j 19:26	9°♎30'03	20°53'28	
retrograde	-3822 Oct 19 j 02:54	14°♎24'56		
evening set	-3822 Oct 23 j 00:16	12°♎58'42		
asc. node	-3822 Oct 24 j 03:13	12°♎01'37		
inferior conj	-3822 Oct 28 j 10:52	6°♎46'53	1°26'33	
minimum elong	-3822 Oct 28 j 08:59	6°♎53'22	1°25'46	
min. Earth dist.	-3822 Oct 28 j 23:04	6°♎05'20	0.67072 AU	
morning rise	-3822 Nov 02 j 17:17	0°♎29'48		
	-3822 Nov 03 j 07:47	30°℞♍		
direct	-3822 Nov 08 j 00:16	28°♍13'52		
	-3822 Nov 13 j 06:14	0°♎		
morning max el	-3822 Nov 18 j 22:45	4°♎45'12	24°05'21	
desc. node	-3822 Dec 05 j 12:05	25°♎45'52		
	-3822 Dec 08 j 09:35	0°♏		
morning set	-3822 Dec 24 j 13:19	25°♏49'58		
	-3822 Dec 26 j 22:47	0°♐		
max. Earth dist.	-3822 Dec 28 j 11:37	2°♐43'20	1.38352 AU	
superior conj	-3821 Jan 04 j 15:05	15°♐54'56	-1°-51'00	
minimum elong	-3821 Jan 04 j 17:05	16°♐04'26	1°51'04	
	-3821 Jan 11 j 20:45	0°♑		
evening rise	-3821 Jan 13 j 11:52	3°♑12'27		
asc. node	-3821 Jan 20 j 02:16	15°♑44'00		
evening max el	-3821 Jan 30 j 01:00	29°♑52'37	18°55'40	
	-3821 Jan 30 j 04:07	0°♒		
retrograde	-3821 Feb 07 j 09:32	3°♒53'37		
evening set	-3821 Feb 09 j 19:00	3°♒35'10		
	-3821 Feb 16 j 16:38	30°℞♑		
inferior conj	-3821 Feb 17 j 16:49	29°♑17'03	3°16'50	
minimum elong	-3821 Feb 17 j 21:18	29°♑08'59	3°15'47	
min. Earth dist.	-3821 Feb 20 j 21:35	27°♑00'26	0.57427 AU	
morning rise	-3821 Feb 25 j 19:51	24°♑11'55		
direct	-3821 Mar 03 j 05:48	23°♑01'51		
desc. node	-3821 Mar 03 j 11:18	23°♑01'58		
	-3821 Mar 17 j 01:24	0°♒		
morning max el	-3821 Mar 17 j 11:39	0°♒24'27	25°45'09	
	-3821 Apr 07 j 02:55	0°♓		
morning set	-3821 Apr 14 j 02:47	13°♓53'43		
asc. node	-3821 Apr 18 j 01:49	22°♓22'06		
superior conj	-3821 Apr 21 j 03:47	29°♓05'24	0°31'41	
minimum elong	-3821 Apr 21 j 02:25	28°♓57'59	0°31'24	
	-3821 Apr 21 j 13:47	0°♈		
max. Earth dist.	-3821 Apr 21 j 21:34	0°♈42'26	1.32785 AU	
evening rise	-3821 Apr 28 j 07:28	14°♈22'51		
	-3821 May 06 j 08:26	0°♉		
	-3821 May 26 j 21:15	0°♊		
evening max el	-3821 May 29 j 11:12	2°♊37'31	27°05'46	
desc. node	-3821 May 30 j 10:04	3°♊30'51		
retrograde	-3821 Jun 12 j 09:57	9°♊59'01		
evening set	-3821 Jun 19 j 08:25	7°♊47'12		
min. Earth dist.	-3821 Jun 23 j 00:40	5°♊01'58	0.61353 AU	
inferior conj	-3821 Jun 26 j 05:37	2°♊11'37	-4°-16'-2	
minimum elong	-3821 Jun 26 j 07:25	2°♊07'36	4°15'47	
	-3821 Jun 28 j 19:26	30°℞♉		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3821 Jul 03 j 09:17	27°♉17'50	
direct	-3821 Jul 05 j 21:28	26°♉51'41	
	-3821 Jul 12 j 12:29	0°♊	
morning max el	-3821 Jul 12 j 20:20	0°♊18'38	18°01'30
asc. node	-3821 Jul 15 j 01:21	2°♊44'05	
morning set	-3821 Jul 28 j 20:41	25°♊31'32	
	-3821 Jul 31 j 07:11	0°♋	
superior conj	-3821 Aug 08 j 06:54	14°♋21'08	1°37'55
minimum elong	-3821 Aug 08 j 10:44	14°♋37'55	1°37'49
max. Earth dist.	-3821 Aug 15 j 18:22	27°♋06'06	1.42074 AU
	-3821 Aug 17 j 12:33	0°♌	
evening rise	-3821 Aug 22 j 03:50	7°♌29'06	
desc. node	-3821 Aug 26 j 09:16	14°♌07'06	
	-3821 Sep 05 j 23:03	0°♍	
greatest brilliancy	-3821 Sep 18 j 20:13	17°♍32'50	-0.3m
evening max el	-3821 Sep 23 j 14:20	22°♍55'31	22°08'01
retrograde	-3821 Oct 02 j 22:35	28°♍28'42	
evening set	-3821 Oct 07 j 08:19	26°♍43'57	
asc. node	-3821 Oct 11 j 00:21	22°♍44'04	
inferior conj	-3821 Oct 12 j 17:04	20°♍25'42	0°34'46
minimum elong	-3821 Oct 12 j 16:16	20°♍28'29	0°34'27
min. Earth dist.	-3821 Oct 12 j 18:40	20°♍20'08	0.67390 AU
morning rise	-3821 Oct 18 j 00:02	14°♍09'14	
direct	-3821 Oct 22 j 15:49	12°♍14'58	
morning max el	-3821 Nov 01 j 09:42	18°♍03'15	22°38'53
greatest brilliancy	-3821 Nov 06 j 02:54	23°♍21'37	-0.3m
	-3821 Nov 11 j 06:45	0°♎	
desc. node	-3821 Nov 22 j 09:03	15°♎50'28	
	-3821 Dec 01 j 13:14	0°♏	
morning set	-3821 Dec 05 j 03:56	5°♏49'41	
max. Earth dist.	-3821 Dec 10 j 08:37	14°♏29'21	1.40423 AU
superior conj	-3821 Dec 18 j 02:51	28°♏06'22	-1°-54'-59
minimum elong	-3821 Dec 18 j 02:20	28°♏04'03	1°55'07
	-3821 Dec 19 j 03:53	0°♐	
evening rise	-3821 Dec 28 j 00:48	16°♐34'33	
	-3820 Jan 04 j 08:01	0°♑	
asc. node	-3820 Jan 06 j 23:19	4°♑22'54	
evening max el	-3820 Jan 13 j 05:53	12°♑33'26	18°22'00
retrograde	-3820 Jan 20 j 13:40	16°♑10'55	
evening set	-3820 Jan 23 j 01:53	15°♑46'33	
inferior conj	-3820 Jan 30 j 08:06	11°♑07'33	3°54'38
minimum elong	-3820 Jan 30 j 10:04	11°♑03'26	3°54'19
min. Earth dist.	-3820 Feb 02 j 17:04	8°♑19'46	0.59340 AU
morning rise	-3820 Feb 06 j 14:58	5°♑38'32	
direct	-3820 Feb 13 j 00:59	3°♑49'29	
desc. node	-3820 Feb 18 j 08:23	5°♑00'03	
morning max el	-3820 Feb 27 j 07:00	11°♑25'57	26°56'58
	-3820 Mar 12 j 18:38	0°♒	
morning set	-3820 Mar 28 j 12:57	28°♒49'36	
	-3820 Mar 29 j 02:26	0°♓	
asc. node	-3820 Apr 03 j 22:48	12°♓35'26	
superior conj	-3820 Apr 04 j 15:32	14°♓07'00	0°07'18
minimum elong	-3820 Apr 04 j 15:12	14°♓05'14	0°07'11
behind sun begin	-3820 Apr 04 j 10:43	13°♓40'42	
behind sun end	-3820 Apr 04 j 19:41	14°♓29'45	
max. Earth dist.	-3820 Apr 04 j 10:56	13°♓41'51	1.32560 AU
evening rise	-3820 Apr 11 j 15:59	29°♓15'46	
	-3820 Apr 12 j 00:28	0°♈	
	-3820 Apr 28 j 18:12	0°♉	
evening max el	-3820 May 10 j 11:10	14°♉21'57	26°14'06
desc. node	-3820 May 16 j 07:10	18°♉59'52	
retrograde	-3820 May 24 j 13:14	21°♉39'47	
evening set	-3820 May 30 j 18:20	20°♉03'42	
min. Earth dist.	-3820 Jun 04 j 00:02	17°♉22'28	0.59309 AU
inferior conj	-3820 Jun 07 j 09:05	14°♉46'30	-4°-17'-45
minimum elong	-3820 Jun 07 j 07:48	14°♉48'58	4°17'35
morning rise	-3820 Jun 15 j 01:01	10°♉15'00	
direct	-3820 Jun 17 j 12:23	9°♉53'37	
morning max el	-3820 Jun 25 j 05:43	13°♉34'59	18°25'44
asc. node	-3820 Jun 30 j 22:22	20°♉40'23	
	-3820 Jul 06 j 11:14	0°♊	
morning set	-3820 Jul 11 j 07:44	9°♊07'04	
superior conj	-3820 Jul 20 j 13:31	26°♊37'20	1°48'10
minimum elong	-3820 Jul 20 j 14:39	26°♊42'31	1°48'18
	-3820 Jul 22 j 09:48	0°♋	
max. Earth dist.	-3820 Jul 27 j 22:32	9°♋48'34	1.40206 AU
evening rise	-3820 Aug 01 j 11:52	17°♋32'02	
	-3820 Aug 09 j 05:52	0°♌	
desc. node	-3820 Aug 12 j 06:16	4°♌38'30	
	-3820 Aug 30 j 11:51	0°♍	
evening max el	-3820 Sep 05 j 04:05	6°♍21'50	23°28'21
retrograde	-3820 Sep 15 j 15:26	12°♍33'37	
evening set	-3820 Sep 20 j 15:14	10°♍29'20	
inferior conj	-3820 Sep 25 j 23:40	4°♍08'23	0°-18'-38
minimum elong	-3820 Sep 26 j 00:06	4°♍06'54	0°18'23
min. Earth dist.	-3820 Sep 25 j 15:06	4°♍37'45	0.67406 AU
asc. node	-3820 Sep 26 j 21:27	2°♍54'11	
	-3820 Sep 29 j 04:57	30°℞♌	
morning rise	-3820 Oct 01 j 09:03	27°♌55'28	
direct	-3820 Oct 05 j 10:58	26°♌22'20	
	-3820 Oct 12 j 13:30	0°♍	
morning max el	-3820 Oct 14 j 01:50	1°♍27'37	21°17'05
greatest brilliancy	-3820 Oct 19 j 10:48	7°♍42'03	-0.4m
	-3820 Nov 04 j 04:04	0°♎	
desc. node	-3820 Nov 08 j 06:01	6°♎11'52	
morning set	-3820 Nov 13 j 15:15	14°♎33'19	
max. Earth dist.	-3820 Nov 21 j 11:16	27°♎07'04	1.42333 AU
	-3820 Nov 23 j 05:16	0°♏	
superior conj	-3820 Nov 28 j 16:15	9°♏11'22	-1°-46'-16
minimum elong	-3820 Nov 28 j 12:02	8°♏53'20	1°46'08
evening rise	-3820 Dec 10 j 00:42	29°♏16'18	
	-3820 Dec 10 j 10:22	0°♐	
asc. node	-3820 Dec 23 j 20:23	22°♐20'03	
evening max el	-3820 Dec 26 j 16:03	25°♐35'37	18°08'17
retrograde	-3819 Jan 02 j 09:44	29°♐03'40	
evening set	-3819 Jan 05 j 00:47	28°♐32'13	
inferior conj	-3819 Jan 11 j 18:04	23°♐31'25	4°02'07
minimum elong	-3819 Jan 11 j 17:24	23°♐33'01	4°01'57
min. Earth dist.	-3819 Jan 14 j 19:26	20°♐36'23	0.61355 AU
morning rise	-3819 Jan 18 j 07:33	17°♐45'55	
direct	-3819 Jan 25 j 06:46	15°♐22'21	
desc. node	-3819 Feb 04 j 05:28	19°♐28'54	
morning max el	-3819 Feb 08 j 08:25	23°♐05'28	27°36'31
	-3819 Feb 14 j 13:16	0°♑	
	-3819 Mar 05 j 21:06	0°♒	
morning set	-3819 Mar 12 j 19:21	13°♒31'40	
max. Earth dist.	-3819 Mar 18 j 22:59	26°♒33'40	1.32679 AU
superior conj	-3819 Mar 20 j 02:36	29°♒03'53	0°-17'-51
minimum elong	-3819 Mar 20 j 03:25	29°♒08'16	0°17'47
	-3819 Mar 20 j 12:54	0°♓	
asc. node	-3819 Mar 21 j 19:47	2°♓48'22	
evening rise	-3819 Mar 27 j 02:58	14°♓13'14	
	-3819 Apr 04 j 02:50	0°♈	
evening max el	-3819 Apr 22 j 05:22	25°♈27'37	24°56'12
	-3819 Apr 27 j 23:46	0°♉	
desc. node	-3819 May 03 j 04:16	2°♉12'42	
retrograde	-3819 May 06 j 06:04	2°♉34'43	
evening set	-3819 May 11 j 06:35	1°♉36'52	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3819 May 14 j 15:26	30°℞♈	
min. Earth dist.	-3819 May 16 j 17:39	28°♈43'11	0.57378 AU
inferior conj	-3819 May 19 j 17:18	26°♈43'31	-3°-48'-9
minimum elong	-3819 May 19 j 12:33	26°♈51'33	3°47'18
morning rise	-3819 May 27 j 22:38	22°♈32'06	
direct	-3819 May 30 j 09:52	22°♈14'23	
morning max el	-3819 Jun 08 j 07:58	26°♈24'12	19°10'14
	-3819 Jun 11 j 14:44	0°♉	
asc. node	-3819 Jun 17 j 19:23	9°♉19'49	
morning set	-3819 Jun 25 j 04:48	23°♉14'33	
	-3819 Jun 28 j 14:26	0°♊	
superior conj	-3819 Jul 03 j 14:22	9°♊49'28	1°47'46
minimum elong	-3819 Jul 03 j 13:21	9°♊44'35	1°47'52
max. Earth dist.	-3819 Jul 10 j 00:02	21°♊51'51	1.38256 AU
evening rise	-3819 Jul 13 j 22:07	28°♊51'39	
	-3819 Jul 14 j 13:48	0°♋	
desc. node	-3819 Jul 30 j 03:17	24°♋56'39	
	-3819 Aug 02 j 15:06	0°♌	
evening max el	-3819 Aug 18 j 15:14	19°♌51'12	24°47'46
retrograde	-3819 Aug 30 j 04:20	26°♌35'26	
evening set	-3819 Sep 04 j 19:13	24°♌12'26	
min. Earth dist.	-3819 Sep 09 j 09:51	18°♌56'02	0.67122 AU
inferior conj	-3819 Sep 10 j 04:58	17°♌52'25	-1°-12'-5
minimum elong	-3819 Sep 10 j 06:39	17°♌46'48	1°11'17
asc. node	-3819 Sep 13 j 18:33	13°♌30'31	
morning rise	-3819 Sep 15 j 18:27	11°♌46'22	
direct	-3819 Sep 19 j 08:29	10°♌32'06	
morning max el	-3819 Sep 27 j 01:00	14°♌59'52	20°05'43
greatest brilliancy	-3819 Oct 04 j 06:24	23°♌54'01	-0.6m
	-3819 Oct 08 j 13:10	0°♍	
morning set	-3819 Oct 23 j 13:16	22°♍44'49	
desc. node	-3819 Oct 26 j 02:57	26°♍44'23	
	-3819 Oct 28 j 05:03	0°♎	
max. Earth dist.	-3819 Nov 03 j 21:24	10°♎34'02	1.43814 AU
superior conj	-3819 Nov 09 j 02:33	18°♎59'14	-1°-21'-25
minimum elong	-3819 Nov 08 j 19:34	18°♎30'47	1°20'47
	-3819 Nov 15 j 18:07	0°♏	
evening rise	-3819 Nov 22 j 07:08	11°♏08'15	
	-3819 Dec 03 j 12:24	0°♐	
evening max el	-3819 Dec 10 j 04:35	8°♐51'16	18°13'51
asc. node	-3819 Dec 10 j 17:27	9°♐22'48	
retrograde	-3819 Dec 16 j 17:31	12°♐22'02	
evening set	-3819 Dec 19 j 12:06	11°♐42'15	
inferior conj	-3819 Dec 25 j 19:01	6°♐20'43	3°48'03
minimum elong	-3819 Dec 25 j 16:37	6°♐27'11	3°47'36
min. Earth dist.	-3819 Dec 28 j 06:52	3°♐39'37	0.63205 AU
morning rise	-3819 Dec 31 j 19:28	0°♐23'30	
	-3818 Jan 01 j 07:59	30°℞♏	
direct	-3818 Jan 07 j 20:38	27°♏38'55	
	-3818 Jan 15 j 00:04	0°♐	
morning max el	-3818 Jan 21 j 14:56	5°♐23'14	27°39'52
desc. node	-3818 Jan 22 j 02:31	5°♐52'06	
	-3818 Feb 09 j 07:34	0°♑	
morning set	-3818 Feb 24 j 19:41	27°♑51'55	
	-3818 Feb 25 j 21:05	0°♒	
max. Earth dist.	-3818 Mar 02 j 06:00	9°♒05'08	1.33170 AU
superior conj	-3818 Mar 04 j 11:20	13°♒49'57	0°-42'-51
minimum elong	-3818 Mar 04 j 13:13	14°♒00'08	0°42'36
asc. node	-3818 Mar 08 j 16:47	22°♒56'52	
evening rise	-3818 Mar 11 j 14:37	29°♒08'47	
	-3818 Mar 12 j 00:23	0°♓	
	-3818 Mar 29 j 08:49	0°♈	
evening max el	-3818 Apr 03 j 21:23	6°♈12'09	23°23'50
retrograde	-3818 Apr 17 j 10:04	12°♈54'14	
desc. node	-3818 Apr 20 j 01:21	12°♈38'51	
evening set	-3818 Apr 21 j 02:40	12°♈24'24	
min. Earth dist.	-3818 Apr 28 j 08:21	9°♈06'25	0.55902 AU
inferior conj	-3818 Apr 30 j 05:49	7°♈59'03	-2°-38'-45
minimum elong	-3818 Apr 29 j 23:56	8°♈07'48	2°37'07
morning rise	-3818 May 09 j 00:27	4°♈00'38	
direct	-3818 May 11 j 12:57	3°♈44'55	
morning max el	-3818 May 22 j 00:33	8°♈37'25	20°15'07
asc. node	-3818 Jun 04 j 16:24	28°♈32'15	
	-3818 Jun 05 j 10:49	0°♉	
morning set	-3818 Jun 09 j 08:57	7°♉46'40	
superior conj	-3818 Jun 17 j 04:28	23°♉43'59	1°39'22
minimum elong	-3818 Jun 17 j 02:13	23°♉32'40	1°39'19
	-3818 Jun 20 j 08:03	0°♊	
max. Earth dist.	-3818 Jun 22 j 05:20	3°♊40'00	1.36458 AU
evening rise	-3818 Jun 26 j 07:21	11°♊20'47	
	-3818 Jul 07 j 03:27	0°♋	
desc. node	-3818 Jul 17 j 00:18	14°♋55'40	
	-3818 Jul 28 j 20:14	0°♌	
evening max el	-3818 Aug 01 j 02:10	3°♌23'31	25°58'19
retrograde	-3818 Aug 13 j 12:36	10°♌30'14	
evening set	-3818 Aug 19 j 18:20	7°♌51'56	
min. Earth dist.	-3818 Aug 24 j 00:28	3°♌13'23	0.66516 AU
inferior conj	-3818 Aug 25 j 07:12	1°♌36'16	-2°-3'-49
minimum elong	-3818 Aug 25 j 10:01	1°♌27'22	2°02'39
	-3818 Aug 26 j 14:07	30°℞♋	
morning rise	-3818 Aug 31 j 02:24	25°♋40'26	
asc. node	-3818 Aug 31 j 15:39	25°♋21'56	
direct	-3818 Sep 03 j 06:47	24°♋42'00	
morning max el	-3818 Sep 10 j 07:12	28°♋40'37	19°08'18
	-3818 Sep 11 j 12:42	0°♌	
	-3818 Oct 01 j 22:05	0°♍	
morning set	-3818 Oct 02 j 21:45	1°♍32'59	
desc. node	-3818 Oct 12 j 23:55	17°♍24'20	
max. Earth dist.	-3818 Oct 17 j 13:27	24°♍35'45	1.44674 AU
superior conj	-3818 Oct 19 j 11:44	27°♍38'42	0°-40'-28
minimum elong	-3818 Oct 19 j 06:42	27°♍18'46	0°39'50
	-3818 Oct 20 j 23:24	0°♎	
evening rise	-3818 Nov 03 j 15:33	22°♎01'58	
	-3818 Nov 08 j 12:15	0°♏	
evening max el	-3818 Nov 23 j 16:47	22°♏14'25	18°37'46
asc. node	-3818 Nov 27 j 14:33	25°♏16'33	
retrograde	-3818 Nov 30 j 09:01	25°♏58'15	
evening set	-3818 Dec 03 j 08:28	25°♏08'31	
inferior conj	-3818 Dec 09 j 07:17	19°♏28'39	3°19'19
minimum elong	-3818 Dec 09 j 04:11	19°♏37'53	3°18'29
min. Earth dist.	-3818 Dec 11 j 04:14	17°♏15'14	0.64739 AU
morning rise	-3818 Dec 14 j 22:45	13°♏22'30	
direct	-3818 Dec 21 j 17:15	10°♏32'17	
morning max el	-3817 Jan 04 j 00:16	18°♏11'13	27°09'14
desc. node	-3817 Jan 08 j 23:33	23°♏37'20	
	-3817 Jan 14 j 00:49	0°♐	
	-3817 Feb 02 j 04:42	0°♑	
morning set	-3817 Feb 08 j 10:55	11°♑40'14	
max. Earth dist.	-3817 Feb 13 j 04:16	21°♑05'14	1.34078 AU
superior conj	-3817 Feb 16 j 15:44	28°♑18'20	-1°-6'-37
minimum elong	-3817 Feb 16 j 18:31	28°♑32'54	1°06'19
	-3817 Feb 17 j 11:03	0°♒	
asc. node	-3817 Feb 23 j 13:47	12°♒56'11	
evening rise	-3817 Feb 24 j 01:11	13°♒55'38	
	-3817 Mar 04 j 07:28	0°♓	
evening max el	-3817 Mar 16 j 17:00	17°♓00'42	21°50'55
retrograde	-3817 Mar 29 j 02:45	23°♓00'50	
evening set	-3817 Mar 31 j 19:55	22°♓44'22	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3817 Apr 06 j 22:29	20°♓26'16	
inferior conj	-3817 Apr 10 j 03:52	18°♓40'32	0°-53'-29
minimum elong	-3817 Apr 10 j 01:23	18°♓44'01	0°52'41
min. Earth dist.	-3817 Apr 09 j 22:09	18°♓48'34	0.55189 AU
morning rise	-3817 Apr 19 j 07:47	14°♓41'08	
direct	-3817 Apr 22 j 02:48	14°♓23'48	
morning max el	-3817 May 04 j 06:13	20°♓08'28	21°38'37
	-3817 May 12 j 08:27	0°♈	
asc. node	-3817 May 22 j 13:25	18°♈08'28	
morning set	-3817 May 24 j 17:43	22°♈35'17	
	-3817 May 28 j 06:47	0°♉	
superior conj	-3817 Jun 01 j 03:47	8°♉08'02	1°25'07
minimum elong	-3817 Jun 01 j 01:07	7°♉54'06	1°24'52
max. Earth dist.	-3817 Jun 04 j 19:01	15°♉36'08	1.34960 AU
evening rise	-3817 Jun 09 j 10:05	24°♉43'24	
	-3817 Jun 12 j 05:21	0°♊	
	-3817 Jun 30 j 15:33	0°♋	
desc. node	-3817 Jul 03 j 21:21	4°♋26'22	
evening max el	-3817 Jul 14 j 13:29	16°♋51'34	26°52'01
retrograde	-3817 Jul 27 j 15:49	24°♋11'01	
evening set	-3817 Aug 03 j 10:15	21°♋24'21	
min. Earth dist.	-3817 Aug 07 j 08:33	17°♋24'41	0.65542 AU
inferior conj	-3817 Aug 09 j 04:19	15°♋16'07	-2°-51'-51
minimum elong	-3817 Aug 09 j 07:56	15°♋05'28	2°50'36
morning rise	-3817 Aug 15 j 06:47	9°♋33'51	
direct	-3817 Aug 18 j 03:48	8°♋48'00	
asc. node	-3817 Aug 18 j 12:46	8°♋48'47	
morning max el	-3817 Aug 24 j 18:47	12°♋26'29	18°26'53
	-3817 Sep 06 j 04:29	0°♌	
morning set	-3817 Sep 13 j 07:38	11°♌36'28	
	-3817 Sep 24 j 17:35	0°♍	
superior conj	-3817 Sep 28 j 11:13	5°♍55'18	0°08'56
minimum elong	-3817 Sep 28 j 12:23	5°♍59'53	0°08'50
behind sun begin	-3817 Sep 28 j 02:49	5°♍22'03	
behind sun end	-3817 Sep 28 j 21:57	6°♍37'42	
desc. node	-3817 Sep 29 j 20:53	8°♍08'12	
max. Earth dist.	-3817 Sep 30 j 07:46	8°♍51'06	1.44808 AU
	-3817 Oct 13 j 18:37	0°♎	
evening rise	-3817 Oct 14 j 23:10	1°♎52'16	
greatest brilliancy	-3817 Oct 28 j 00:36	22°♎13'35	-0.7m
	-3817 Nov 02 j 09:45	0°♏	
evening max el	-3817 Nov 07 j 02:07	5°♏40'35	19°18'48
retrograde	-3817 Nov 14 j 04:49	9°♏46'32	
asc. node	-3817 Nov 14 j 11:39	9°♏46'04	
evening set	-3817 Nov 17 j 10:58	8°♏44'44	
inferior conj	-3817 Nov 23 j 03:41	2°♏49'43	2°40'34
minimum elong	-3817 Nov 23 j 00:39	2°♏59'24	2°39'32
min. Earth dist.	-3817 Nov 24 j 10:44	1°♏10'33	0.65910 AU
	-3817 Nov 25 j 09:26	30°℞♎	
morning rise	-3817 Nov 28 j 13:31	26°♎37'06	
direct	-3817 Dec 04 j 19:58	23°♎53'52	
	-3817 Dec 16 j 02:07	0°♏	
morning max el	-3817 Dec 17 j 09:59	1°♏17'16	26°11'04
desc. node	-3817 Dec 26 j 20:36	12°♏20'26	
	-3816 Jan 08 j 02:05	0°♐	
morning set	-3816 Jan 22 j 13:05	24°♐44'39	
	-3816 Jan 25 j 07:47	0°♑	
max. Earth dist.	-3816 Jan 26 j 15:08	2°♑31'38	1.35428 AU
superior conj	-3816 Jan 31 j 13:28	12°♑21'47	-1°-27'-47
minimum elong	-3816 Jan 31 j 16:39	12°♑37'58	1°27'33
evening rise	-3816 Feb 08 j 08:46	28°♑27'41	
	-3816 Feb 09 j 02:51	0°♒	
asc. node	-3816 Feb 10 j 10:50	2°♒41'39	
evening max el	-3816 Feb 26 j 21:33	28°♒16'45	20°28'55
	-3816 Feb 28 j 21:16	0°♓	
retrograde	-3816 Mar 08 j 17:01	3°♓25'23	
evening set	-3816 Mar 11 j 00:39	3°♓12'10	
	-3816 Mar 18 j 16:29	30°℞♒	
inferior conj	-3816 Mar 20 j 00:07	29°♒14'01	1°02'44
minimum elong	-3816 Mar 20 j 02:51	29°♒10'00	1°01'44
min. Earth dist.	-3816 Mar 21 j 12:18	28°♒21'03	0.55404 AU
desc. node	-3816 Mar 23 j 19:36	27°♒03'52	
morning rise	-3816 Mar 29 j 03:03	24°♒55'01	
direct	-3816 Apr 01 j 15:44	24°♒27'55	
	-3816 Apr 13 j 22:51	0°♓	
morning max el	-3816 Apr 15 j 02:28	1°♓02'54	23°14'55
	-3816 May 04 j 11:59	0°♈	
morning set	-3816 May 08 j 05:07	7°♈33'59	
asc. node	-3816 May 08 j 10:27	8°♈01'53	
superior conj	-3816 May 15 j 09:20	22°♈52'13	1°06'37
minimum elong	-3816 May 15 j 06:51	22°♈38'56	1°06'16
max. Earth dist.	-3816 May 17 j 18:22	27°♈54'36	1.33828 AU
	-3816 May 18 j 18:19	0°♉	
evening rise	-3816 May 23 j 01:30	8°♉45'33	
	-3816 Jun 03 j 16:20	0°♊	
desc. node	-3816 Jun 19 j 18:25	23°♊16'41	
	-3816 Jun 25 j 22:11	0°♋	
evening max el	-3816 Jun 26 j 00:26	0°♋05'25	27°21'32
retrograde	-3816 Jul 09 j 13:42	7°♋29'36	
evening set	-3816 Jul 16 j 16:03	4°♋45'34	
min. Earth dist.	-3816 Jul 20 j 08:10	1°♋22'04	0.64182 AU
	-3816 Jul 21 j 15:02	30°℞♊	
inferior conj	-3816 Jul 22 j 17:53	28°♊47'34	-3°-33'-33
minimum elong	-3816 Jul 22 j 21:41	28°♊37'23	3°32'33
morning rise	-3816 Jul 29 j 05:04	23°♊21'57	
direct	-3816 Jul 31 j 20:58	22°♊45'41	
asc. node	-3816 Aug 04 j 09:52	23°♊49'22	
morning max el	-3816 Aug 07 j 09:18	26°♊12'46	18°02'35
	-3816 Aug 10 j 14:46	0°♋	
morning set	-3816 Aug 24 j 20:25	22°♋56'50	
	-3816 Aug 29 j 00:01	0°♌	
superior conj	-3816 Sep 06 j 23:44	14°♌53'37	0°53'57
minimum elong	-3816 Sep 07 j 05:09	15°♌15'37	0°53'25
max. Earth dist.	-3816 Sep 12 j 00:44	23°♌00'08	1.44223 AU
desc. node	-3816 Sep 15 j 17:50	28°♌52'48	
	-3816 Sep 16 j 10:56	0°♍	
evening rise	-3816 Sep 23 j 09:40	10°♍49'09	
	-3816 Oct 06 j 00:05	0°♎	
greatest brilliancy	-3816 Oct 13 j 13:11	10°♎51'58	-0.6m
evening max el	-3816 Oct 20 j 06:34	19°♎06'50	20°15'11
retrograde	-3816 Oct 28 j 02:06	23°♎42'22	
asc. node	-3816 Oct 31 j 08:48	22°♎40'01	
evening set	-3816 Oct 31 j 17:10	22°♎25'58	
inferior conj	-3816 Nov 06 j 05:32	16°♎19'17	1°54'58
minimum elong	-3816 Nov 06 j 03:07	16°♎27'25	1°54'01
min. Earth dist.	-3816 Nov 07 j 00:16	15°♎16'31	0.66737 AU
morning rise	-3816 Nov 11 j 12:30	10°♎02'51	
direct	-3816 Nov 17 j 04:18	7°♎35'19	
morning max el	-3816 Nov 28 j 18:47	14°♎29'43	24°54'07
	-3816 Dec 11 j 11:46	0°♏	
desc. node	-3816 Dec 12 j 17:36	1°♏43'37	
	-3816 Dec 30 j 22:40	0°♐	
morning set	-3815 Jan 03 j 20:42	6°♐48'32	
max. Earth dist.	-3815 Jan 07 j 15:03	13°♐36'55	1.37193 AU
superior conj	-3815 Jan 14 j 01:20	25°♐50'21	-1°-44'-27
minimum elong	-3815 Jan 14 j 04:07	26°♐03'54	1°44'24
	-3815 Jan 16 j 04:00	0°♑	
evening rise	-3815 Jan 22 j 11:09	12°♑37'16	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3815 Jan 27 j 07:52	22°♉06'44	
	-3815 Jan 31 j 19:06	0°♒	
evening max el	-3815 Feb 08 j 12:46	10°♒08'41	19°24'09
retrograde	-3815 Feb 17 j 16:41	14°♒30'10	
evening set	-3815 Feb 20 j 00:28	14°♒14'36	
inferior conj	-3815 Feb 28 j 08:09	10°♒07'02	2°38'16
minimum elong	-3815 Feb 28 j 13:08	9°♒58'48	2°36'50
min. Earth dist.	-3815 Mar 03 j 03:15	8°♒17'08	0.56495 AU
morning rise	-3815 Mar 08 j 22:04	5°♒18'14	
desc. node	-3815 Mar 10 j 16:44	4°♒47'24	
direct	-3815 Mar 13 j 15:05	4°♒27'30	
morning max el	-3815 Mar 27 j 17:39	11°♒38'16	24°53'16
	-3815 Apr 10 j 17:54	0°♓	
morning set	-3815 Apr 22 j 17:21	22°♓36'23	
asc. node	-3815 Apr 25 j 07:27	28°♓06'42	
	-3815 Apr 26 j 04:27	0°♈	
superior conj	-3815 Apr 29 j 18:45	7°♈48'26	0°45'05
minimum elong	-3815 Apr 29 j 16:53	7°♈38'20	0°44'45
max. Earth dist.	-3815 May 01 j 01:48	10°♈36'36	1.33064 AU
evening rise	-3815 May 07 j 01:47	23°♈15'09	
	-3815 May 10 j 11:05	0°♉	
	-3815 May 28 j 11:27	0°♊	
desc. node	-3815 Jun 06 j 15:29	11°♊09'33	
evening max el	-3815 Jun 08 j 09:04	12°♊53'12	27°21'03
retrograde	-3815 Jun 22 j 05:28	20°♊16'40	
evening set	-3815 Jun 29 j 08:05	17°♊49'16	
min. Earth dist.	-3815 Jul 02 j 22:11	14°♊53'39	0.62461 AU
inferior conj	-3815 Jul 05 j 21:02	12°♊04'24	-4°-4'-58
minimum elong	-3815 Jul 05 j 23:58	11°♊57'21	4°04'27
morning rise	-3815 Jul 12 j 18:17	6°♊58'10	
direct	-3815 Jul 15 j 07:12	6°♊28'56	
morning max el	-3815 Jul 22 j 00:03	9°♊53'27	17°56'25
asc. node	-3815 Jul 22 j 06:56	10°♊10'39	
	-3815 Aug 04 j 07:28	0°♋	
morning set	-3815 Aug 07 j 07:26	5°♋21'19	
superior conj	-3815 Aug 18 j 14:33	25°♋10'34	1°26'04
minimum elong	-3815 Aug 18 j 19:43	25°♋32'33	1°25'44
	-3815 Aug 21 j 11:13	0°♌	
max. Earth dist.	-3815 Aug 25 j 13:45	6°♌46'17	1.43004 AU
evening rise	-3815 Sep 02 j 14:17	19°♌33'24	
desc. node	-3815 Sep 02 j 14:48	19°♌35'27	
	-3815 Sep 09 j 09:20	0°♍	
greatest brilliancy	-3815 Sep 28 j 01:36	26°♍36'08	-0.4m
	-3815 Sep 30 j 20:55	0°♎	
evening max el	-3815 Oct 03 j 05:03	2°♎32'58	21°24'11
retrograde	-3815 Oct 11 j 22:45	7°♎43'55	
evening set	-3815 Oct 16 j 01:03	6°♎10'15	
asc. node	-3815 Oct 18 j 05:55	4°♎03'15	
inferior conj	-3815 Oct 21 j 10:41	29°♍55'25	1°04'53
minimum elong	-3815 Oct 21 j 09:14	0°♎00'26	1°04'18
	-3815 Oct 21 j 09:22	30°℞♍	
min. Earth dist.	-3815 Oct 21 j 18:22	29°♍28'59	0.67245 AU
morning rise	-3815 Oct 26 j 17:05	23°♍38'04	
direct	-3815 Oct 31 j 17:34	21°♍30'57	
morning max el	-3815 Nov 11 j 03:52	27°♍44'41	23°28'21
	-3815 Nov 13 j 06:48	0°♎	
greatest brilliancy	-3815 Nov 17 j 06:11	4°♎41'37	-0.2m
desc. node	-3815 Nov 29 j 14:35	21°♎35'39	
	-3815 Dec 05 j 04:56	0°♏	
morning set	-3815 Dec 16 j 03:36	17°♏35'57	
max. Earth dist.	-3815 Dec 20 j 10:21	24°♏56'27	1.39234 AU
	-3815 Dec 23 j 06:59	0°♐	
superior conj	-3815 Dec 27 j 23:20	8°♐33'34	-1°-54'00
minimum elong	-3815 Dec 28 j 00:27	8°♐38'46	1°54'08

evening rise	-3814 Jan 06 j 05:49	26°♐18'13	
	-3814 Jan 08 j 03:51	0°♑	
asc. node	-3814 Jan 14 j 04:55	11°♑04'35	
evening max el	-3814 Jan 22 j 13:24	22°♑33'40	18°38'56
retrograde	-3814 Jan 30 j 09:49	26°♑22'19	
evening set	-3814 Feb 01 j 20:36	26°♑01'27	
inferior conj	-3814 Feb 09 j 11:31	21°♑35'02	3°37'06
minimum elong	-3814 Feb 09 j 15:05	21°♑28'12	3°36'25
min. Earth dist.	-3814 Feb 12 j 20:06	19°♑02'14	0.58212 AU
morning rise	-3814 Feb 17 j 05:54	16°♑18'58	
direct	-3814 Feb 23 j 03:31	14°♑52'15	
desc. node	-3814 Feb 25 j 13:50	15°♑06'51	
morning max el	-3814 Mar 09 j 09:47	22°♑21'49	26°19'02
	-3814 Mar 16 j 03:59	0°♒	
	-3814 Apr 03 j 11:15	0°♓	
morning set	-3814 Apr 07 j 04:46	7°♓36'14	
asc. node	-3814 Apr 12 j 04:25	18°♓18'02	
superior conj	-3814 Apr 14 j 06:06	22°♓49'42	0°21'30
minimum elong	-3814 Apr 14 j 05:10	22°♓44'33	0°21'16
max. Earth dist.	-3814 Apr 14 j 14:06	23°♓33'27	1.32648 AU
	-3814 Apr 17 j 13:08	0°♈	
evening rise	-3814 Apr 21 j 08:00	8°♈02'06	
	-3814 May 02 j 22:28	0°♉	
evening max el	-3814 May 21 j 12:57	25°♉03'13	26°47'40
desc. node	-3814 May 24 j 12:35	27°♉40'21	
	-3814 May 27 j 20:48	0°♊	
retrograde	-3814 Jun 04 j 13:34	2°♊23'03	
evening set	-3814 Jun 11 j 06:02	0°♊25'50	
	-3814 Jun 11 j 23:15	30°℞♉	
min. Earth dist.	-3814 Jun 15 j 02:28	27°♉44'11	0.60488 AU
inferior conj	-3814 Jun 18 j 10:13	24°♉57'30	-4°-19'-58
minimum elong	-3814 Jun 18 j 10:52	24°♉56'07	4°19'50
morning rise	-3814 Jun 25 j 18:53	20°♉12'50	
direct	-3814 Jun 28 j 06:37	19°♉48'48	
morning max el	-3814 Jul 05 j 12:09	23°♉20'36	18°09'18
asc. node	-3814 Jul 09 j 03:58	27°♉36'15	
	-3814 Jul 10 j 20:18	0°♊	
morning set	-3814 Jul 21 j 11:04	18°♊34'28	
	-3814 Jul 27 j 14:24	0°♋	
superior conj	-3814 Jul 31 j 08:00	6°♋46'38	1°43'46
minimum elong	-3814 Jul 31 j 10:40	6°♋58'35	1°43'46
max. Earth dist.	-3814 Aug 07 j 21:27	19°♋55'37	1.41312 AU
evening rise	-3814 Aug 13 j 08:35	28°♋57'07	
	-3814 Aug 14 j 00:11	0°♌	
desc. node	-3814 Aug 20 j 11:47	10°♌12'01	
	-3814 Sep 03 j 00:01	0°♍	
greatest brilliancy	-3814 Sep 11 j 01:43	10°♍34'12	-0.3m
evening max el	-3814 Sep 15 j 21:41	15°♍58'59	22°41'52
retrograde	-3814 Sep 25 j 17:13	21°♍48'13	
evening set	-3814 Sep 30 j 08:48	19°♍55'18	
asc. node	-3814 Oct 05 j 03:00	14°♍24'48	
inferior conj	-3814 Oct 05 j 17:15	13°♍35'44	0°12'12
minimum elong	-3814 Oct 05 j 16:57	13°♍36'43	0°12'08
transit middle	-3814 Oct 05 j 16:57	13°♍36'43	0°12'08
transit begin	-3814 Oct 05 j 15:09	13°♍42'58	
transit end	-3814 Oct 05 j 18:46	13°♍30'29	
min. Earth dist.	-3814 Oct 05 j 14:34	13°♍44'58	0.67442 AU
morning rise	-3814 Oct 11 j 01:02	7°♍20'29	
direct	-3814 Oct 15 j 10:50	5°♍35'13	
morning max el	-3814 Oct 24 j 16:31	11°♍04'10	22°03'01
greatest brilliancy	-3814 Oct 29 j 11:43	16°♍31'11	-0.4m
	-3814 Nov 08 j 11:27	0°♎	
desc. node	-3814 Nov 16 j 11:34	11°♎48'03	
morning set	-3814 Nov 26 j 05:47	26°♎59'46	
	-3814 Nov 28 j 02:28	0°♏	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3814 Dec 02 j 09:29	7°♏04'14	1.41279 AU
superior conj	-3814 Dec 10 j 02:17	20°♏18'23	-1°-53'-4
minimum elong	-3814 Dec 10 j 00:16	20°♏09'31	1°53'09
	-3814 Dec 15 j 11:33	0°♐	
evening rise	-3814 Dec 20 j 13:38	9°♐23'47	
asc. node	-3813 Jan 01 j 01:57	29°♐26'46	
	-3813 Jan 01 j 11:04	0°♑	
evening max el	-3813 Jan 05 j 20:53	5°♑24'26	18°13'46
retrograde	-3813 Jan 12 j 21:14	8°♑56'07	
evening set	-3813 Jan 15 j 10:46	8°♑28'42	
inferior conj	-3813 Jan 22 j 11:05	3°♑40'09	4°00'58
minimum elong	-3813 Jan 22 j 11:52	3°♑38'25	4°00'47
min. Earth dist.	-3813 Jan 25 j 17:49	0°♑46'39	0.60204 AU
	-3813 Jan 26 j 16:33	30°℞♐	
morning rise	-3813 Jan 29 j 10:06	28°♐03'40	
direct	-3813 Feb 05 j 03:16	25°♐58'56	
desc. node	-3813 Feb 12 j 10:55	28°♐13'04	
	-3813 Feb 15 j 02:57	0°♑	
morning max el	-3813 Feb 19 j 07:32	3°♑37'57	27°18'16
	-3813 Mar 10 j 16:26	0°♒	
morning set	-3813 Mar 22 j 13:36	22°♒27'16	
	-3813 Mar 26 j 03:16	0°♓	
max. Earth dist.	-3813 Mar 29 j 03:35	6°♓32'32	1.32568 AU
superior conj	-3813 Mar 29 j 17:46	7°♓50'04	0°-3'-19
minimum elong	-3813 Mar 29 j 17:55	7°♓50'54	0°03'23
behind sun begin	-3813 Mar 29 j 13:00	7°♓23'59	
behind sun end	-3813 Mar 29 j 22:50	8°♓17'49	
asc. node	-3813 Mar 30 j 01:23	8°♓31'47	
evening rise	-3813 Apr 05 j 17:50	22°♓58'14	
	-3813 Apr 09 j 04:07	0°♈	
	-3813 Apr 27 j 13:04	0°♉	
evening max el	-3813 May 03 j 10:27	6°♉30'44	25°43'39
desc. node	-3813 May 11 j 09:40	12°♉16'43	
retrograde	-3813 May 17 j 12:21	13°♉44'26	
evening set	-3813 May 23 j 06:37	12°♉25'02	
min. Earth dist.	-3813 May 27 j 22:48	9°♉40'31	0.58461 AU
inferior conj	-3813 May 31 j 05:51	7°♉17'39	-4°-9'-41
minimum elong	-3813 May 31 j 03:01	7°♉22'49	4°09'19
morning rise	-3813 Jun 08 j 03:20	2°♉55'05	
direct	-3813 Jun 10 j 14:49	2°♉35'14	
morning max el	-3813 Jun 18 j 18:48	6°♉26'32	18°42'07
asc. node	-3813 Jun 26 j 01:00	15°♉52'22	
	-3813 Jul 03 j 20:51	0°♊	
morning set	-3813 Jul 05 j 02:50	2°♊25'04	
superior conj	-3813 Jul 13 j 23:06	19°♊28'46	1°49'08
minimum elong	-3813 Jul 13 j 23:14	19°♊29'20	1°49'17
	-3813 Jul 19 j 16:31	0°♋	
max. Earth dist.	-3813 Jul 21 j 00:28	2°♋22'04	1.39380 AU
evening rise	-3813 Jul 25 j 03:52	9°♋32'32	
	-3813 Aug 06 j 22:35	0°♌	
desc. node	-3813 Aug 07 j 08:46	0°♌38'17	
evening max el	-3813 Aug 29 j 10:02	29°♌26'17	24°02'35
	-3813 Aug 29 j 23:46	0°♍	
retrograde	-3813 Sep 09 j 08:23	5°♍52'20	
evening set	-3813 Sep 14 j 14:42	3°♍39'38	
	-3813 Sep 17 j 23:08	30°℞♌	
inferior conj	-3813 Sep 19 j 23:30	27°♌18'45	0°-41'-25
minimum elong	-3813 Sep 20 j 00:28	27°♌15'27	0°40'55
min. Earth dist.	-3813 Sep 19 j 10:28	28°♌02'56	0.67333 AU
asc. node	-3813 Sep 22 j 00:07	24°♌38'32	
morning rise	-3813 Sep 25 j 10:27	21°♌08'38	
direct	-3813 Sep 29 j 07:04	19°♌43'57	
morning max el	-3813 Oct 07 j 11:38	24°♌31'52	20°45'10
	-3813 Oct 12 j 04:57	0°♍	
greatest brilliancy	-3813 Oct 13 j 11:53	1°♍39'53	-0.5m
	-3813 Nov 01 j 21:35	0°♎	
desc. node	-3813 Nov 03 j 08:32	2°♎14'35	
morning set	-3813 Nov 05 j 08:52	5°♎21'54	
max. Earth dist.	-3813 Nov 14 j 15:59	20°♎06'23	1.43033 AU
	-3813 Nov 20 j 16:21	0°♏	
superior conj	-3813 Nov 21 j 04:28	0°♏50'42	-1°-37'-49
minimum elong	-3813 Nov 20 j 22:45	0°♏26'43	1°37'28
evening rise	-3813 Dec 03 j 06:41	21°♏45'32	
	-3813 Dec 07 j 22:43	0°♐	
asc. node	-3813 Dec 18 j 23:01	17°♐02'11	
evening max el	-3813 Dec 20 j 08:20	18°♐32'35	18°08'17
retrograde	-3813 Dec 26 j 23:01	22°♐00'45	
evening set	-3813 Dec 29 j 15:24	21°♐25'55	
inferior conj	-3812 Jan 05 j 03:55	16°♐15'46	3°58'21
minimum elong	-3812 Jan 05 j 02:24	16°♐19'38	3°58'05
min. Earth dist.	-3812 Jan 07 j 23:48	13°♐24'39	0.62168 AU
morning rise	-3812 Jan 11 j 11:18	10°♐24'39	
direct	-3812 Jan 18 j 12:23	7°♐50'36	
desc. node	-3812 Jan 30 j 08:01	13°♐34'55	
morning max el	-3812 Feb 01 j 11:36	15°♐34'54	27°42'32
	-3812 Feb 13 j 08:06	0°♑	
	-3812 Mar 02 j 04:54	0°♒	
morning set	-3812 Mar 05 j 17:44	7°♒00'58	
max. Earth dist.	-3812 Mar 11 j 14:07	19°♒17'43	1.32838 AU
superior conj	-3812 Mar 13 j 04:02	22°♒42'35	0°-28'-32
minimum elong	-3812 Mar 13 j 05:19	22°♒49'33	0°28'23
asc. node	-3812 Mar 15 j 22:23	28°♒43'00	
	-3812 Mar 16 j 12:34	0°♓	
evening rise	-3812 Mar 20 j 05:18	7°♓55'16	
	-3812 Mar 31 j 20:41	0°♈	
evening max el	-3812 Apr 14 j 02:48	17°♈23'08	24°17'48
desc. node	-3812 Apr 27 j 06:46	24°♈21'06	
retrograde	-3812 Apr 27 j 23:53	24°♈22'17	
evening set	-3812 May 02 j 10:47	23°♈37'48	
min. Earth dist.	-3812 May 08 j 14:33	20°♈35'16	0.56674 AU
inferior conj	-3812 May 11 j 05:23	18°♈56'07	-3°-23'-47
minimum elong	-3812 May 10 j 23:40	19°♈05'13	3°22'30
morning rise	-3812 May 19 j 16:36	14°♈51'56	
direct	-3812 May 22 j 04:04	14°♈35'24	
morning max el	-3812 May 31 j 17:14	19°♈01'15	19°35'29
	-3812 Jun 09 j 03:30	0°♉	
asc. node	-3812 Jun 11 j 22:01	4°♉46'33	
morning set	-3812 Jun 18 j 03:15	16°♉43'39	
	-3812 Jun 24 j 17:43	0°♊	
superior conj	-3812 Jun 26 j 06:11	3°♊00'40	1°45'02
minimum elong	-3812 Jun 26 j 04:33	2°♊52'35	1°45'06
max. Earth dist.	-3812 Jul 02 j 02:40	14°♊14'49	1.37459 AU
evening rise	-3812 Jul 06 j 00:29	21°♊22'54	
	-3812 Jul 10 j 23:31	0°♋	
desc. node	-3812 Jul 24 j 05:45	20°♋49'05	
	-3812 Jul 30 j 20:19	0°♌	
evening max el	-3812 Aug 10 j 20:40	12°♌56'30	25°19'15
retrograde	-3812 Aug 22 j 19:32	19°♌52'12	
evening set	-3812 Aug 28 j 16:55	17°♌21'47	
min. Earth dist.	-3812 Sep 02 j 03:44	12°♌21'21	0.66906 AU
inferior conj	-3812 Sep 03 j 03:45	11°♌03'01	-1°-34'-21
minimum elong	-3812 Sep 03 j 05:56	10°♌55'51	1°33'23
asc. node	-3812 Sep 07 j 21:14	5°♌42'21	
morning rise	-3812 Sep 08 j 19:30	5°♌01'05	
direct	-3812 Sep 12 j 05:03	3°♌54'10	
morning max el	-3812 Sep 19 j 14:04	8°♌08'37	19°39'26
greatest brilliancy	-3812 Sep 28 j 01:29	18°♌56'05	-0.6m
	-3812 Oct 05 j 11:36	0°♍	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3812 Oct 14 j 08:39	13°♍41'52	
desc. node	-3812 Oct 20 j 05:28	22°♍50'44	
	-3812 Oct 24 j 18:44	0°♎	
max. Earth dist.	-3812 Oct 27 j 04:50	3°♎49'54	1.44259 AU
superior conj	-3812 Oct 31 j 03:12	10°♎06'31	-1°-5'-45
minimum elong	-3812 Oct 30 j 20:19	9°♎38'53	1°05'01
	-3812 Nov 12 j 06:07	0°♏	
evening rise	-3812 Nov 14 j 04:23	3°♏14'13	
	-3812 Dec 01 j 04:46	0°♐	
evening max el	-3812 Dec 02 j 21:02	1°♐51'59	18°21'50
asc. node	-3812 Dec 04 j 20:08	3°♐37'37	
retrograde	-3812 Dec 09 j 10:39	5°♐27'31	
evening set	-3812 Dec 12 j 06:58	4°♐43'54	
	-3812 Dec 17 j 17:54	30°℞♏	
inferior conj	-3812 Dec 18 j 10:12	29°♏14'17	3°37'22
minimum elong	-3812 Dec 18 j 07:24	29°♏22'12	3°36'43
min. Earth dist.	-3812 Dec 20 j 15:45	26°♏43'26	0.63896 AU
morning rise	-3812 Dec 24 j 06:20	23°♏12'38	
direct	-3812 Dec 31 j 05:25	20°♏23'43	
morning max el	-3811 Jan 13 j 19:51	28°♏07'42	27°30'39
	-3811 Jan 15 j 15:29	0°♐	
desc. node	-3811 Jan 16 j 05:05	0°♐36'40	
	-3811 Feb 06 j 01:26	0°♑	
morning set	-3811 Feb 17 j 14:37	21°♑08'53	
	-3811 Feb 21 j 23:19	0°♒	
max. Earth dist.	-3811 Feb 22 j 17:47	1°♒36'12	1.33501 AU
superior conj	-3811 Feb 25 j 11:10	7°♒21'35	0°-53'-10
minimum elong	-3811 Feb 25 j 13:29	7°♒33'53	0°52'53
asc. node	-3811 Mar 02 j 19:23	18°♒47'45	
evening rise	-3811 Mar 04 j 16:42	22°♒47'16	
	-3811 Mar 08 j 05:11	0°♓	
evening max el	-3811 Mar 26 j 19:26	28°♓05'01	22°43'32
	-3811 Mar 28 j 23:29	0°♈	
retrograde	-3811 Apr 08 j 22:57	4°♈31'46	
evening set	-3811 Apr 12 j 03:40	4°♈09'23	
desc. node	-3811 Apr 14 j 03:55	3°♈33'56	
min. Earth dist.	-3811 Apr 20 j 04:55	0°♈36'58	0.55486 AU
inferior conj	-3811 Apr 21 j 10:33	29°♓54'22	-1°-57'-27
minimum elong	-3811 Apr 21 j 05:36	0°♈01'31	1°55'55
	-3811 Apr 21 j 06:39	30°℞♓	
morning rise	-3811 Apr 30 j 09:59	25°♓57'34	
direct	-3811 May 02 j 23:58	25°♓41'57	
	-3811 May 13 j 03:50	0°♈	
morning max el	-3811 May 14 j 05:16	0°♈56'31	20°48'40
asc. node	-3811 May 29 j 19:01	24°♈09'20	
	-3811 Jun 01 j 17:22	0°♉	
morning set	-3811 Jun 02 j 09:34	1°♉22'43	
superior conj	-3811 Jun 10 j 00:36	17°♉08'31	1°33'55
minimum elong	-3811 Jun 09 j 22:05	16°♉55'39	1°33'48
max. Earth dist.	-3811 Jun 14 j 10:37	26°♉01'04	1.35772 AU
	-3811 Jun 16 j 11:46	0°♊	
evening rise	-3811 Jun 18 j 17:46	4°♊16'10	
	-3811 Jul 03 j 20:27	0°♋	
desc. node	-3811 Jul 11 j 02:47	10°♋37'03	
evening max el	-3811 Jul 24 j 07:41	26°♋27'35	26°23'46
	-3811 Jul 28 j 08:57	0°♌	
retrograde	-3811 Aug 06 j 01:56	3°♌41'41	
evening set	-3811 Aug 12 j 13:19	0°♌58'45	
	-3811 Aug 13 j 15:00	30°℞♋	
min. Earth dist.	-3811 Aug 16 j 15:58	26°♋36'39	0.66140 AU
inferior conj	-3811 Aug 18 j 04:05	24°♋45'37	-2°-24'-49
minimum elong	-3811 Aug 18 j 07:18	24°♋35'43	2°23'34
morning rise	-3811 Aug 24 j 02:11	18°♋55'00	
asc. node	-3811 Aug 25 j 18:21	18°♋13'01	
direct	-3811 Aug 27 j 03:04	18°♋02'26	
morning max el	-3811 Sep 02 j 22:49	21°♋51'52	18°48'36
	-3811 Sep 09 j 09:09	0°♌	
morning set	-3811 Sep 24 j 02:58	22°♌59'22	
	-3811 Sep 28 j 12:46	0°♍	
desc. node	-3811 Oct 07 j 02:24	13°♍32'26	
superior conj	-3811 Oct 10 j 05:39	18°♍28'53	0°-19'-49
minimum elong	-3811 Oct 10 j 03:03	18°♍18'37	0°19'28
max. Earth dist.	-3811 Oct 09 j 21:45	17°♍57'44	1.44819 AU
	-3811 Oct 17 j 12:40	0°♎	
evening rise	-3811 Oct 26 j 02:18	13°♎40'25	
	-3811 Nov 05 j 07:05	0°♏	
evening max el	-3811 Nov 16 j 08:19	15°♏16'46	18°53'16
asc. node	-3811 Nov 21 j 17:16	18°♏57'03	
retrograde	-3811 Nov 23 j 04:15	19°♏08'55	
evening set	-3811 Nov 26 j 06:16	18°♏14'27	
inferior conj	-3811 Dec 02 j 02:18	12°♏28'03	3°03'52
minimum elong	-3811 Dec 01 j 23:08	12°♏37'44	3°02'54
min. Earth dist.	-3811 Dec 03 j 17:16	10°♏28'25	0.65287 AU
morning rise	-3811 Dec 07 j 14:59	6°♏18'50	
direct	-3811 Dec 14 j 04:58	3°♏29'53	
morning max el	-3811 Dec 27 j 05:25	11°♏04'00	26°47'12
desc. node	-3810 Jan 03 j 02:07	18°♏48'38	
	-3810 Jan 11 j 08:49	0°♐	
	-3810 Jan 29 j 13:17	0°♑	
morning set	-3810 Feb 01 j 00:50	4°♑39'49	
max. Earth dist.	-3810 Feb 05 j 11:01	13°♑19'25	1.34597 AU
superior conj	-3810 Feb 09 j 13:04	21°♑40'10	-1°-16'-2
minimum elong	-3810 Feb 09 j 16:05	21°♑55'50	1°15'44
	-3810 Feb 13 j 12:33	0°♒	
evening rise	-3810 Feb 17 j 02:12	7°♒28'03	
asc. node	-3810 Feb 17 j 16:26	8°♒41'36	
	-3810 Mar 01 j 09:19	0°♓	
evening max el	-3810 Mar 08 j 18:35	9°♓03'46	21°14'16
retrograde	-3810 Mar 20 j 12:55	14°♓41'43	
evening set	-3810 Mar 23 j 00:17	14°♓27'40	
inferior conj	-3810 Apr 01 j 06:05	10°♓28'51	0°-3'-29
minimum elong	-3810 Apr 01 j 05:55	10°♓29'05	0°03'30
transit middle	-3810 Apr 01 j 05:55	10°♓29'05	0°03'30
transit begin	-3810 Apr 01 j 01:55	10°♓34'45	
transit end	-3810 Apr 01 j 09:55	10°♓23'26	
desc. node	-3810 Apr 01 j 01:03	10°♓35'58	
min. Earth dist.	-3810 Apr 01 j 19:02	10°♓10'33	0.55163 AU
morning rise	-3810 Apr 10 j 11:02	6°♓22'51	
direct	-3810 Apr 13 j 12:11	6°♓02'31	
morning max el	-3810 Apr 26 j 06:29	12°♓10'17	22°18'32
	-3810 May 09 j 09:48	0°♈	
asc. node	-3810 May 16 j 16:02	13°♈53'29	
morning set	-3810 May 17 j 19:41	16°♈16'16	
	-3810 May 24 j 07:33	0°♉	
superior conj	-3810 May 25 j 02:53	1°♉42'04	1°17'43
minimum elong	-3810 May 25 j 00:13	1°♉28'02	1°17'25
max. Earth dist.	-3810 May 28 j 04:32	8°♉06'07	1.34431 AU
evening rise	-3810 Jun 02 j 02:29	17°♉57'36	
	-3810 Jun 08 j 13:24	0°♊	
desc. node	-3810 Jun 27 j 23:52	29°♊52'29	
	-3810 Jun 28 j 02:12	0°♋	
evening max el	-3810 Jul 06 j 19:17	9°♋52'04	27°08'05
retrograde	-3810 Jul 20 j 02:56	17°♋14'01	
evening set	-3810 Jul 27 j 01:19	14°♋27'18	
min. Earth dist.	-3810 Jul 30 j 20:50	10°♋43'19	0.65007 AU
inferior conj	-3810 Aug 01 j 22:21	8°♋23'04	-3°-10'-32
minimum elong	-3810 Aug 02 j 02:08	8°♋12'17	3°09'21
morning rise	-3810 Aug 08 j 04:18	2°♋47'10	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3810 Aug 10 j 22:54	2°♋05'39	
asc. node	-3810 Aug 12 j 15:26	2°♋20'57	
morning max el	-3810 Aug 17 j 11:54	5°♋38'22	18°14'21
	-3810 Sep 02 j 20:29	0°♌	
morning set	-3810 Sep 05 j 00:47	3°♌37'22	
superior conj	-3810 Sep 19 j 08:11	26°♌56'19	0°29'13
minimum elong	-3810 Sep 19 j 11:43	27°♌10'21	0°28'51
	-3810 Sep 21 j 06:23	0°♍	
max. Earth dist.	-3810 Sep 22 j 15:59	2°♍13'05	1.44652 AU
desc. node	-3810 Sep 23 j 23:21	4°♍17'00	
evening rise	-3810 Oct 05 j 23:54	23°♍05'23	
	-3810 Oct 10 j 10:42	0°♎	
greatest brilliancy	-3810 Oct 22 j 11:15	18°♎13'41	-0.7m
evening max el	-3810 Oct 30 j 15:54	28°♎43'37	19°41'03
	-3810 Oct 31 j 23:21	0°♏	
retrograde	-3810 Nov 07 j 00:51	3°♏00'45	
asc. node	-3810 Nov 08 j 14:23	2°♏46'35	
evening set	-3810 Nov 10 j 10:36	1°♏52'59	
	-3810 Nov 12 j 15:23	30°℞♎	
inferior conj	-3810 Nov 16 j 01:17	25°♎52'44	2°21'50
minimum elong	-3810 Nov 15 j 22:28	26°♎01'58	2°20'50
min. Earth dist.	-3810 Nov 17 j 02:54	24°♎29'02	0.66316 AU
morning rise	-3810 Nov 21 j 09:38	19°♎38'24	
direct	-3810 Nov 27 j 10:10	17°♎00'58	
morning max el	-3810 Dec 09 j 14:32	24°♎12'48	25°39'54
	-3810 Dec 14 j 20:04	0°♏	
desc. node	-3810 Dec 20 j 23:08	7°♏50'12	
	-3809 Jan 04 j 18:50	0°♐	
morning set	-3809 Jan 14 j 19:47	17°♐19'56	
max. Earth dist.	-3809 Jan 18 j 16:44	24°♐33'11	1.36139 AU
	-3809 Jan 21 j 12:26	0°♑	
superior conj	-3809 Jan 24 j 07:02	5°♑29'56	-1°-35'-33
minimum elong	-3809 Jan 24 j 10:10	5°♑45'37	1°35'23
evening rise	-3809 Feb 01 j 07:50	21°♑51'12	
asc. node	-3809 Feb 04 j 13:29	28°♑19'03	
	-3809 Feb 05 j 10:17	0°♒	
evening max el	-3809 Feb 19 j 03:42	20°♒34'42	19°59'01
retrograde	-3809 Mar 01 j 05:26	25°♒21'36	
evening set	-3809 Mar 03 j 12:40	25°♒07'44	
inferior conj	-3809 Mar 12 j 05:51	21°♒07'06	1°47'19
minimum elong	-3809 Mar 12 j 10:05	21°♒00'39	1°45'54
min. Earth dist.	-3809 Mar 14 j 09:08	19°♒49'03	0.55775 AU
desc. node	-3809 Mar 18 j 22:11	17°♒25'18	
morning rise	-3809 Mar 21 j 04:35	16°♒36'19	
direct	-3809 Mar 25 j 04:45	16°♒00'55	
morning max el	-3809 Apr 07 j 23:40	22°♒52'37	23°57'24
	-3809 Apr 14 j 06:55	0°♓	
	-3809 May 01 j 16:51	0°♈	
morning set	-3809 May 02 j 07:38	1°♈17'10	
asc. node	-3809 May 03 j 13:02	3°♈52'11	
superior conj	-3809 May 09 j 10:17	16°♈31'49	0°57'48
minimum elong	-3809 May 09 j 08:01	16°♈19'37	0°57'26
max. Earth dist.	-3809 May 11 j 07:54	20°♈36'12	1.33461 AU
	-3809 May 15 j 19:53	0°♉	
evening rise	-3809 May 16 j 22:04	2°♉12'31	
	-3809 Jun 01 j 10:30	0°♊	
desc. node	-3809 Jun 14 j 20:57	18°♊20'38	
evening max el	-3809 Jun 19 j 05:39	22°♊56'26	27°25'17
	-3809 Jun 30 j 06:31	0°♋	
retrograde	-3809 Jul 02 j 21:59	0°♋19'52	
	-3809 Jul 05 j 11:24	30°℞♊	
evening set	-3809 Jul 10 j 01:41	27°♊41'16	
min. Earth dist.	-3809 Jul 13 j 16:20	24°♊31'02	0.63494 AU
inferior conj	-3809 Jul 16 j 07:50	21°♊48'49	-3°-48'-28
minimum elong	-3809 Jul 16 j 11:25	21°♊39'38	3°47'38
morning rise	-3809 Jul 22 j 23:06	16°♊31'02	
direct	-3809 Jul 25 j 13:38	15°♊57'51	
asc. node	-3809 Jul 30 j 12:29	17°♊57'15	
morning max el	-3809 Aug 01 j 02:47	19°♊22'25	17°57'44
	-3809 Aug 08 j 22:37	0°♋	
morning set	-3809 Aug 17 j 23:42	15°♋26'50	
	-3809 Aug 26 j 10:48	0°♌	
superior conj	-3809 Aug 30 j 07:04	6°♌25'30	1°09'23
minimum elong	-3809 Aug 30 j 12:51	6°♌49'23	1°08'53
max. Earth dist.	-3809 Sep 05 j 08:06	16°♌16'19	1.43778 AU
desc. node	-3809 Sep 10 j 20:19	25°♌01'02	
	-3809 Sep 14 j 00:55	0°♍	
evening rise	-3809 Sep 15 j 05:32	1°♍50'50	
	-3809 Oct 04 j 02:09	0°♎	
greatest brilliancy	-3809 Oct 07 j 19:38	5°♎05'35	-0.5m
evening max el	-3809 Oct 13 j 17:55	12°♎10'07	20°43'09
retrograde	-3809 Oct 21 j 22:05	16°♎59'52	
evening set	-3809 Oct 25 j 17:46	15°♎36'11	
asc. node	-3809 Oct 26 j 11:28	15°♎00'40	
inferior conj	-3809 Oct 31 j 04:47	9°♎25'29	1°34'08
minimum elong	-3809 Oct 31 j 02:44	9°♎32'26	1°33'19
min. Earth dist.	-3809 Oct 31 j 18:35	8°♎38'34	0.66994 AU
morning rise	-3809 Nov 05 j 11:16	3°♎08'30	
direct	-3809 Nov 10 j 20:31	0°♎49'33	
morning max el	-3809 Nov 21 j 23:18	7°♎27'09	24°18'13
desc. node	-3809 Dec 07 j 20:08	27°♎27'03	
	-3809 Dec 09 j 14:27	0°♏	
morning set	-3809 Dec 27 j 17:42	28°♏53'40	
	-3809 Dec 28 j 08:57	0°♐	
max. Earth dist.	-3809 Dec 31 j 14:20	5°♐42'56	1.38045 AU
superior conj	-3808 Jan 07 j 13:37	18°♐41'15	-1°-49'-33
minimum elong	-3808 Jan 07 j 15:52	18°♐52'01	1°49'36
	-3808 Jan 13 j 08:33	0°♑	
evening rise	-3808 Jan 16 j 07:21	5°♑50'19	
asc. node	-3808 Jan 22 j 10:32	17°♑33'59	
	-3808 Jan 30 j 11:38	0°♒	
evening max el	-3808 Feb 01 j 23:07	2°♒41'29	19°02'22
retrograde	-3808 Feb 10 j 12:25	6°♒47'28	
evening set	-3808 Feb 12 j 21:22	6°♒29'52	
inferior conj	-3808 Feb 20 j 21:43	2°♒14'37	3°07'54
minimum elong	-3808 Feb 21 j 02:26	2°♒06'19	3°06'44
min. Earth dist.	-3808 Feb 24 j 00:29	0°♒04'24	0.57168 AU
	-3808 Feb 24 j 03:07	30°℞♑	
morning rise	-3808 Feb 29 j 03:43	27°♑13'26	
desc. node	-3808 Mar 04 j 19:18	26°♑09'38	
direct	-3808 Mar 05 j 09:16	26°♑08'50	
	-3808 Mar 15 j 12:14	0°♒	
morning max el	-3808 Mar 19 j 14:44	3°♒28'52	25°32'16
	-3808 Apr 07 j 12:06	0°♓	
morning set	-3808 Apr 15 j 19:44	16°♓19'32	
asc. node	-3808 Apr 19 j 10:02	24°♓00'32	
	-3808 Apr 22 j 04:04	0°♈	
superior conj	-3808 Apr 22 j 20:44	1°♈30'54	0°35'17
minimum elong	-3808 Apr 22 j 19:14	1°♈22'45	0°34'58
max. Earth dist.	-3808 Apr 23 j 17:57	3°♈26'26	1.32847 AU
evening rise	-3808 Apr 30 j 01:10	16°♈50'21	
	-3808 May 06 j 18:25	0°♉	
	-3808 May 26 j 09:53	0°♊	
evening max el	-3808 May 31 j 12:20	5°♊28'09	27°10'44
desc. node	-3808 May 31 j 18:02	5°♊41'41	
retrograde	-3808 Jun 14 j 10:31	12°♊50'25	
evening set	-3808 Jun 21 j 10:29	10°♊34'01	
min. Earth dist.	-3808 Jun 25 j 01:49	7°♊46'41	0.61647 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3808 Jun 28 j 05:24	4°♊55'54	-4°-13'-48
minimum elong	-3808 Jun 28 j 07:34	4°♊51'01	4°13'29
morning rise	-3808 Jul 05 j 07:24	29°♉58'58	
	-3808 Jul 05 j 06:13	30°℞♉	
direct	-3808 Jul 07 j 19:41	29°♉32'07	
	-3808 Jul 10 j 07:58	0°♊	
morning max el	-3808 Jul 14 j 16:45	2°♊58'02	17°59'35
asc. node	-3808 Jul 16 j 09:31	4°♊47'19	
morning set	-3808 Jul 30 j 18:18	28°♊12'49	
	-3808 Jul 31 j 17:47	0°♋	
superior conj	-3808 Aug 10 j 09:37	17°♋16'59	1°35'16
minimum elong	-3808 Aug 10 j 13:50	17°♋35'20	1°35'05
	-3808 Aug 17 j 21:52	0°♌	
max. Earth dist.	-3808 Aug 17 j 18:58	29°♋48'00	1.42323 AU
evening rise	-3808 Aug 24 j 13:39	10°♌44'53	
desc. node	-3808 Aug 27 j 17:16	15°♌41'10	
	-3808 Sep 06 j 04:17	0°♍	
greatest brilliancy	-3808 Sep 20 j 18:05	20°♍06'55	-0.4m
evening max el	-3808 Sep 25 j 13:38	25°♍35'12	21°56'28
	-3808 Oct 01 j 01:27	0°♎	
retrograde	-3808 Oct 04 j 18:06	1°♎02'51	
	-3808 Oct 08 j 03:55	30°℞♍	
evening set	-3808 Oct 09 j 01:49	29°♍21'04	
asc. node	-3808 Oct 12 j 08:33	25°♍52'24	
inferior conj	-3808 Oct 14 j 10:44	23°♍03'30	0°42'45
minimum elong	-3808 Oct 14 j 09:45	23°♍06'53	0°42'22
min. Earth dist.	-3808 Oct 14 j 13:53	22°♍52'34	0.67357 AU
morning rise	-3808 Oct 19 j 17:29	16°♍46'37	
direct	-3808 Oct 24 j 11:27	14°♍49'03	
morning max el	-3808 Nov 03 j 09:40	20°♍44'15	22°51'38
greatest brilliancy	-3808 Nov 08 j 04:58	26°♍08'12	-0.3m
	-3808 Nov 11 j 06:36	0°♎	
desc. node	-3808 Nov 23 j 17:05	17°♎28'25	
	-3808 Dec 01 j 21:09	0°♏	
morning set	-3808 Dec 07 j 12:37	9°♏05'53	
max. Earth dist.	-3808 Dec 12 j 10:31	17°♏20'40	1.40117 AU
	-3808 Dec 19 j 14:44	0°♐	
superior conj	-3808 Dec 20 j 04:11	1°♐01'10	-1°-55'-7
minimum elong	-3808 Dec 20 j 04:09	1°♐00'59	1°55'16
evening rise	-3808 Dec 29 j 21:52	19°♐17'25	
	-3807 Jan 04 j 15:30	0°♑	
asc. node	-3807 Jan 08 j 07:35	6°♑18'04	
evening max el	-3807 Jan 15 j 02:59	15°♑18'21	18°25'45
retrograde	-3807 Jan 22 j 13:45	18°♑58'13	
evening set	-3807 Jan 25 j 01:32	18°♑34'51	
inferior conj	-3807 Feb 01 j 09:57	13°♑59'16	3°50'59
minimum elong	-3807 Feb 01 j 12:21	13°♑54'20	3°50'37
min. Earth dist.	-3807 Feb 04 j 19:17	11°♑14'28	0.59044 AU
morning rise	-3807 Feb 08 j 19:44	8°♑33'14	
direct	-3807 Feb 15 j 02:53	6°♑49'49	
desc. node	-3807 Feb 19 j 16:23	7°♑41'56	
morning max el	-3807 Mar 01 j 09:09	14°♑25'01	26°48'04
	-3807 Mar 13 j 21:20	0°♒	
	-3807 Mar 30 j 15:33	0°♓	
morning set	-3807 Mar 31 j 06:17	1°♓16'27	
asc. node	-3807 Apr 06 j 07:02	14°♓13'29	
superior conj	-3807 Apr 07 j 08:26	16°♓32'33	0°11'04
minimum elong	-3807 Apr 07 j 07:57	16°♓29'52	0°10'55
behind sun begin	-3807 Apr 07 j 04:19	16°♓10'00	
behind sun end	-3807 Apr 07 j 11:35	16°♓49'44	
max. Earth dist.	-3807 Apr 07 j 07:03	16°♓24'58	1.32570 AU
	-3807 Apr 13 j 13:46	0°♈	
evening rise	-3807 Apr 14 j 09:09	1°♈41'47	
	-3807 Apr 29 j 20:36	0°♉	

evening max el	-3807 May 13 j 13:20	17°♉19'15	26°23'44
desc. node	-3807 May 18 j 15:06	21°♉28'03	
retrograde	-3807 May 27 j 15:18	24°♉37'59	
evening set	-3807 Jun 02 j 23:40	22°♉56'17	
min. Earth dist.	-3807 Jun 07 j 02:27	20°♉15'26	0.59611 AU
inferior conj	-3807 Jun 10 j 11:31	17°♉35'55	-4°-19'-19
minimum elong	-3807 Jun 10 j 10:47	17°♉37'22	4°19'13
morning rise	-3807 Jun 18 j 01:32	13°♉01'02	
direct	-3807 Jun 20 j 12:56	12°♉39'02	
morning max el	-3807 Jun 28 j 02:58	16°♉17'40	18°20'49
asc. node	-3807 Jul 03 j 06:33	22°♉36'06	
	-3807 Jul 07 j 19:39	0°♊	
morning set	-3807 Jul 14 j 03:35	11°♊42'55	
superior conj	-3807 Jul 23 j 13:01	29°♊23'18	1°47'23
minimum elong	-3807 Jul 23 j 14:32	29°♊30'15	1°47'29
	-3807 Jul 23 j 21:02	0°♋	
max. Earth dist.	-3807 Jul 30 j 23:47	12°♋36'39	1.40496 AU
evening rise	-3807 Aug 04 j 17:55	20°♋37'03	
	-3807 Aug 10 j 13:42	0°♌	
desc. node	-3807 Aug 14 j 14:15	6°♌13'55	
	-3807 Aug 31 j 09:14	0°♍	
greatest brilliancy	-3807 Sep 02 j 03:33	2°♍12'50	-0.2m
evening max el	-3807 Sep 08 j 04:04	9°♍01'16	23°16'18
retrograde	-3807 Sep 18 j 11:24	15°♍07'26	
evening set	-3807 Sep 23 j 09:00	13°♍06'12	
inferior conj	-3807 Sep 28 j 17:23	6°♍45'30	0°-10'-29
minimum elong	-3807 Sep 28 j 17:38	6°♍44'40	0°10'20
transit middle	-3807 Sep 28 j 17:38	6°♍44'40	0°10'20
transit begin	-3807 Sep 28 j 15:32	6°♍51'53	
transit end	-3807 Sep 28 j 19:43	6°♍37'28	
min. Earth dist.	-3807 Sep 28 j 10:23	7°♍09'34	0.67424 AU
asc. node	-3807 Sep 29 j 05:38	6°♍03'29	
morning rise	-3807 Oct 04 j 02:17	0°♍31'47	
	-3807 Oct 04 j 20:12	30°℞♌	
direct	-3807 Oct 08 j 06:11	28°♌55'30	
	-3807 Oct 11 j 22:45	0°♍	
morning max el	-3807 Oct 17 j 00:46	4°♍06'51	21°28'40
greatest brilliancy	-3807 Oct 22 j 05:19	10°♍06'08	-0.4m
	-3807 Nov 05 j 10:05	0°♎	
desc. node	-3807 Nov 10 j 14:03	7°♎47'27	
morning set	-3807 Nov 17 j 03:25	17°♎58'25	
max. Earth dist.	-3807 Nov 24 j 11:59	29°♎49'42	1.42072 AU
	-3807 Nov 24 j 14:29	0°♏	
superior conj	-3807 Dec 01 j 21:15	12°♏16'45	-1°-48'-35
minimum elong	-3807 Dec 01 j 17:37	12°♏01'03	1°48'30
	-3807 Dec 11 j 20:23	0°♐	
evening rise	-3807 Dec 12 j 23:55	2°♐05'15	
asc. node	-3807 Dec 26 j 04:37	24°♐22'00	
evening max el	-3807 Dec 29 j 12:34	28°♐17'50	18°09'05
	-3807 Dec 31 j 12:03	0°♑	
retrograde	-3806 Jan 05 j 07:36	1°♑46'16	
evening set	-3806 Jan 07 j 22:17	1°♑15'51	
	-3806 Jan 10 j 07:26	30°℞♐	
inferior conj	-3806 Jan 14 j 17:19	26°♐18'17	4°02'31
minimum elong	-3806 Jan 14 j 17:00	26°♐19'01	4°02'22
min. Earth dist.	-3806 Jan 17 j 20:21	23°♐22'53	0.61064 AU
morning rise	-3806 Jan 21 j 09:09	20°♐35'00	
direct	-3806 Jan 28 j 07:15	18°♐15'50	
desc. node	-3806 Feb 06 j 13:29	21°♐50'07	
morning max el	-3806 Feb 11 j 09:33	25°♐57'57	27°32'54
	-3806 Feb 15 j 04:30	0°♑	
	-3806 Mar 07 j 06:59	0°♒	
morning set	-3806 Mar 15 j 13:23	16°♒01'00	
max. Earth dist.	-3806 Mar 21 j 19:35	29°♒18'59	1.32638 AU
	-3806 Mar 22 j 03:08	0°♓	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3806 Mar 22 j 19:45	1°♓30'34	0°-14'-2
minimum elong	-3806 Mar 22 j 20:23	1°♓34'01	0°13'59
behind sun begin	-3806 Mar 22 j 18:01	1°♓21'06	
behind sun end	-3806 Mar 22 j 22:45	1°♓46'57	
asc. node	-3806 Mar 24 j 04:02	4°♓26'48	
evening rise	-3806 Mar 29 j 19:56	16°♓39'15	
	-3806 Apr 05 j 12:15	0°♈	
evening max el	-3806 Apr 25 j 08:26	28°♈30'33	25°09'07
	-3806 Apr 26 j 23:41	0°♉	
desc. node	-3806 May 05 j 12:14	5°♉04'07	
retrograde	-3806 May 09 j 09:44	5°♉39'32	
evening set	-3806 May 14 j 15:02	4°♉36'26	
min. Earth dist.	-3806 May 19 j 20:45	1°♉45'32	0.57646 AU
	-3806 May 22 j 10:49	30°℞♈	
inferior conj	-3806 May 22 j 22:48	29°♈39'22	-3°-55'-7
minimum elong	-3806 May 22 j 18:30	29°♈46'46	3°54'26
morning rise	-3806 May 31 j 02:03	25°♈25'05	
direct	-3806 Jun 02 j 13:20	25°♈06'50	
morning max el	-3806 Jun 11 j 06:26	29°♈11'30	19°02'17
	-3806 Jun 12 j 02:16	0°♉	
asc. node	-3806 Jun 20 j 03:36	11°♉09'52	
morning set	-3806 Jun 27 j 23:26	25°♉46'31	
	-3806 Jun 30 j 02:46	0°♊	
superior conj	-3806 Jul 06 j 11:33	12°♊28'14	1°48'23
minimum elong	-3806 Jul 06 j 10:49	12°♊24'40	1°48'31
max. Earth dist.	-3806 Jul 13 j 01:40	24°♊46'01	1.38546 AU
	-3806 Jul 16 j 00:13	0°♋	
evening rise	-3806 Jul 17 j 00:27	1°♋45'41	
desc. node	-3806 Aug 01 j 11:15	26°♋34'21	
	-3806 Aug 03 j 19:23	0°♌	
evening max el	-3806 Aug 21 j 15:33	22°♌30'22	24°36'17
retrograde	-3806 Sep 02 j 00:53	29°♌09'54	
evening set	-3806 Sep 07 j 13:32	26°♌49'34	
min. Earth dist.	-3806 Sep 12 j 05:31	21°♌27'48	0.67190 AU
inferior conj	-3806 Sep 12 j 23:01	20°♌29'18	-1°-4'-1
minimum elong	-3806 Sep 13 j 00:31	20°♌24'16	1°03'19
asc. node	-3806 Sep 16 j 02:45	16°♌32'08	
morning rise	-3806 Sep 18 j 11:47	14°♌22'05	
direct	-3806 Sep 22 j 03:30	13°♌05'08	
morning max el	-3806 Sep 29 j 22:51	17°♌37'42	20°15'29
greatest brilliancy	-3806 Oct 06 j 19:39	26°♌00'04	-0.6m
	-3806 Oct 09 j 16:27	0°♍	
morning set	-3806 Oct 27 j 01:58	26°♍10'14	
desc. node	-3806 Oct 28 j 11:00	28°♍18'24	
	-3806 Oct 29 j 13:06	0°♎	
max. Earth dist.	-3806 Nov 06 j 21:21	13°♎11'01	1.43630 AU
superior conj	-3806 Nov 12 j 11:44	22°♎16'10	-1°-26'-17
minimum elong	-3806 Nov 12 j 04:58	21°♎48'20	1°25'43
	-3806 Nov 17 j 03:27	0°♏	
evening rise	-3806 Nov 25 j 09:16	14°♏05'13	
	-3806 Dec 04 j 16:47	0°♐	
evening max el	-3806 Dec 13 j 00:58	11°♐32'05	18°11'51
asc. node	-3806 Dec 13 j 01:42	11°♐33'55	
retrograde	-3806 Dec 19 j 14:02	15°♐01'46	
evening set	-3806 Dec 22 j 08:03	14°♐23'14	
inferior conj	-3806 Dec 28 j 16:19	9°♐04'33	3°51'18
minimum elong	-3806 Dec 28 j 14:08	9°♐10'23	3°50'53
min. Earth dist.	-3806 Dec 31 j 06:18	6°♐20'27	0.62943 AU
morning rise	-3805 Jan 03 j 18:27	3°♐08'53	
direct	-3805 Jan 10 j 19:55	0°♐26'40	
desc. node	-3805 Jan 24 j 10:35	7°♐58'46	
morning max el	-3805 Jan 24 j 15:32	8°♐10'54	27°41'45
	-3805 Feb 10 j 12:45	0°♑	
	-3805 Feb 27 j 09:46	0°♒	
morning set	-3805 Feb 27 j 14:51	0°♒25'33	
max. Earth dist.	-3805 Mar 05 j 03:47	11°♒55'22	1.33073 AU
superior conj	-3805 Mar 07 j 04:59	16°♒19'04	0°-39'-6
minimum elong	-3805 Mar 07 j 06:44	16°♒28'26	0°38'52
asc. node	-3805 Mar 11 j 01:03	24°♒36'29	
	-3805 Mar 13 j 13:29	0°♓	
evening rise	-3805 Mar 14 j 07:40	1°♓36'02	
	-3805 Mar 30 j 04:28	0°♈	
evening max el	-3805 Apr 07 j 00:25	9°♈16'42	23°37'55
retrograde	-3805 Apr 20 j 15:34	16°♈03'35	
desc. node	-3805 Apr 22 j 09:22	15°♈56'48	
evening set	-3805 Apr 24 j 12:50	15°♈30'23	
min. Earth dist.	-3805 May 01 j 11:37	12°♈16'51	0.56084 AU
inferior conj	-3805 May 03 j 14:07	11°♈00'59	-2°-51'-57
minimum elong	-3805 May 03 j 08:07	11°♈10'02	2°50'21
morning rise	-3805 May 12 j 06:54	7°♈01'30	
direct	-3805 May 14 j 19:07	6°♈45'37	
morning max el	-3805 May 25 j 00:36	11°♈30'36	20°04'12
	-3805 Jun 06 j 20:48	0°♉	
asc. node	-3805 Jun 07 j 00:40	0°♉17'57	
morning set	-3805 Jun 12 j 02:44	10°♉15'34	
superior conj	-3805 Jun 20 j 00:00	26°♉17'22	1°41'03
minimum elong	-3805 Jun 19 j 21:53	26°♉06'47	1°41'02
	-3805 Jun 21 j 20:46	0°♊	
max. Earth dist.	-3805 Jun 25 j 06:08	6°♊35'04	1.36712 AU
evening rise	-3805 Jun 29 j 06:37	14°♊05'11	
	-3805 Jul 08 j 11:41	0°♋	
desc. node	-3805 Jul 19 j 08:15	16°♋36'35	
	-3805 Jul 29 j 13:13	0°♌	
evening max el	-3805 Aug 04 j 02:22	6°♌02'03	25°48'37
retrograde	-3805 Aug 16 j 09:51	13°♌06'03	
evening set	-3805 Aug 22 j 13:32	10°♌29'31	
min. Earth dist.	-3805 Aug 26 j 20:52	5°♌45'22	0.66632 AU
inferior conj	-3805 Aug 28 j 01:50	4°♌13'03	-1°-56'-10
minimum elong	-3805 Aug 28 j 04:30	4°♌04'33	1°55'03
	-3805 Aug 31 j 16:30	30°℞♋	
morning rise	-3805 Sep 02 j 20:06	28°♋15'36	
asc. node	-3805 Sep 02 j 23:53	28°♋09'52	
direct	-3805 Sep 06 j 01:46	27°♋15'05	
	-3805 Sep 11 j 19:41	0°♌	
morning max el	-3805 Sep 13 j 04:09	1°♌17'20	19°15'51
	-3805 Oct 03 j 05:38	0°♍	
morning set	-3805 Oct 06 j 07:34	4°♍49'12	
desc. node	-3805 Oct 15 j 07:56	18°♍57'07	
max. Earth dist.	-3805 Oct 20 j 12:48	27°♍08'51	1.44588 AU
	-3805 Oct 22 j 08:02	0°♎	
superior conj	-3805 Oct 23 j 00:00	1°♎03'18	0°-47'-27
minimum elong	-3805 Oct 22 j 18:17	0°♎40'39	0°46'47
evening rise	-3805 Nov 06 j 21:13	25°♎07'56	
	-3805 Nov 09 j 20:01	0°♏	
evening max el	-3805 Nov 26 j 13:20	24°♏53'57	18°33'07
asc. node	-3805 Nov 29 j 22:48	27°♏38'52	
retrograde	-3805 Dec 03 j 04:42	28°♏35'30	
evening set	-3805 Dec 06 j 03:16	27°♏47'24	
inferior conj	-3805 Dec 12 j 03:09	22°♏09'59	3°24'25
minimum elong	-3805 Dec 12 j 00:06	22°♏18'57	3°23'38
min. Earth dist.	-3805 Dec 14 j 02:16	19°♏51'52	0.64526 AU
morning rise	-3805 Dec 17 j 19:42	16°♏04'55	
direct	-3805 Dec 24 j 15:30	13°♏14'42	
morning max el	-3804 Jan 07 j 00:44	20°♏55'20	27°15'50
desc. node	-3804 Jan 11 j 07:38	25°♏33'16	
	-3804 Jan 14 j 23:01	0°♐	
	-3804 Feb 03 j 14:28	0°♑	
morning set	-3804 Feb 11 j 07:41	14°♑19'20	
max. Earth dist.	-3804 Feb 16 j 03:40	24°♑00'56	1.33914 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3804 Feb 19 j 10:10	0°♒50'17	-1°-3'-9
minimum elong	-3804 Feb 19 j 12:49	1°♒04'20	1°02'51
	-3804 Feb 19 j 00:37	0°♒	
asc. node	-3804 Feb 25 j 22:04	14°♒37'25	
evening rise	-3804 Feb 26 j 18:29	16°♒24'25	
	-3804 Mar 04 j 15:21	0°♓	
evening max el	-3804 Mar 18 j 19:00	20°♓02'29	22°04'16
retrograde	-3804 Mar 31 j 09:50	26°♓10'11	
evening set	-3804 Apr 03 j 05:32	25°♓52'31	
desc. node	-3804 Apr 08 j 06:32	24°♓04'39	
min. Earth dist.	-3804 Apr 12 j 01:28	22°♓03'16	0.55239 AU
inferior conj	-3804 Apr 12 j 13:39	21°♓46'05	-1°-10'-58
minimum elong	-3804 Apr 12 j 10:25	21°♓50'39	1°09'55
morning rise	-3804 Apr 21 j 16:43	17°♓48'03	
direct	-3804 Apr 24 j 10:03	17°♓31'25	
morning max el	-3804 May 06 j 07:57	23°♓08'04	21°25'10
	-3804 May 12 j 07:14	0°♈	
asc. node	-3804 May 23 j 21:41	19°♈50'52	
morning set	-3804 May 26 j 10:56	25°♈01'55	
	-3804 May 28 j 20:15	0°♉	
superior conj	-3804 Jun 02 j 22:10	10°♉37'38	1°27'35
minimum elong	-3804 Jun 02 j 19:30	10°♉23'52	1°27'22
max. Earth dist.	-3804 Jun 06 j 18:10	18°♉27'40	1.35159 AU
evening rise	-3804 Jun 11 j 07:03	27°♉20'35	
	-3804 Jun 12 j 16:49	0°♊	
	-3804 Jun 30 j 18:45	0°♋	
desc. node	-3804 Jul 05 j 05:19	6°♋12'23	
evening max el	-3804 Jul 16 j 13:34	19°♋31'10	26°45'23
retrograde	-3804 Jul 29 j 14:00	26°♋49'43	
evening set	-3804 Aug 05 j 06:44	24°♋03'35	
min. Earth dist.	-3804 Aug 09 j 06:05	19°♋58'14	0.65709 AU
inferior conj	-3804 Aug 10 j 23:52	17°♋53'57	-2°-44'-58
minimum elong	-3804 Aug 11 j 03:24	17°♋43'25	2°43'42
morning rise	-3804 Aug 17 j 01:10	12°♋09'32	
direct	-3804 Aug 19 j 23:05	11°♋22'06	
asc. node	-3804 Aug 19 j 21:00	11°♋22'09	
morning max el	-3804 Aug 26 j 15:08	15°♋03'10	18°31'58
	-3804 Sep 06 j 10:51	0°♌	
morning set	-3804 Sep 15 j 13:21	14°♌40'53	
	-3804 Sep 25 j 02:12	0°♍	
superior conj	-3804 Sep 30 j 23:32	9°♍19'37	0°01'25
minimum elong	-3804 Sep 30 j 23:44	9°♍20'25	0°01'28
behind sun begin	-3804 Sep 30 j 12:26	8°♍35'47	
behind sun end	-3804 Oct 01 j 11:02	10°♍05'00	
desc. node	-3804 Oct 01 j 04:54	9°♍40'48	
max. Earth dist.	-3804 Oct 02 j 06:51	11°♍23'04	1.44833 AU
	-3804 Oct 14 j 02:37	0°♎	
evening rise	-3804 Oct 17 j 08:32	5°♎07'39	
	-3804 Nov 02 j 09:45	0°♏	
evening max el	-3804 Nov 08 j 23:13	8°♏19'43	19°11'41
asc. node	-3804 Nov 15 j 19:55	12°♏21'48	
retrograde	-3804 Nov 16 j 00:02	12°♏21'58	
evening set	-3804 Nov 19 j 05:00	11°♏22'12	
inferior conj	-3804 Nov 24 j 22:31	5°♏29'18	2°46'54
minimum elong	-3804 Nov 24 j 19:26	5°♏39'03	2°45'54
min. Earth dist.	-3804 Nov 26 j 07:35	3°♏44'39	0.65758 AU
	-3804 Nov 29 j 14:36	30°℞♎	
morning rise	-3804 Nov 30 j 08:59	29°♎17'23	
direct	-3804 Dec 06 j 17:27	26°♎32'19	
	-3804 Dec 14 j 22:33	0°♏	
morning max el	-3804 Dec 19 j 10:30	3°♏59'16	26°21'06
desc. node	-3804 Dec 28 j 04:38	14°♏08'33	
	-3803 Jan 08 j 08:22	0°♐	
morning set	-3803 Jan 24 j 12:02	27°♐30'44	
	-3803 Jan 25 j 19:39	0°♑	
max. Earth dist.	-3803 Jan 28 j 16:05	5°♑30'42	1.35196 AU
superior conj	-3803 Feb 02 j 09:00	14°♑57'27	-1°-24'-50
minimum elong	-3803 Feb 02 j 12:10	15°♑13'38	1°24'35
	-3803 Feb 09 j 15:14	0°♒	
evening rise	-3803 Feb 10 j 02:35	0°♒58'25	
asc. node	-3803 Feb 11 j 19:05	4°♒24'57	
	-3803 Feb 27 j 16:43	0°♓	
evening max el	-3803 Feb 28 j 22:00	1°♓13'18	20°40'11
retrograde	-3803 Mar 11 j 23:39	6°♓29'34	
evening set	-3803 Mar 14 j 07:47	6°♓16'23	
inferior conj	-3803 Mar 23 j 09:12	2°♓18'38	0°45'51
minimum elong	-3803 Mar 23 j 11:15	2°♓15'40	0°45'03
min. Earth dist.	-3803 Mar 24 j 15:39	1°♓34'34	0.55311 AU
desc. node	-3803 Mar 26 j 03:40	0°♓43'44	
	-3803 Mar 27 j 12:37	30°℞♒	
morning rise	-3803 Apr 01 j 13:02	28°♒03'19	
direct	-3803 Apr 04 j 22:17	27°♒38'22	
	-3803 Apr 12 j 21:00	0°♓	
morning max el	-3803 Apr 18 j 05:22	4°♓06'57	23°00'06
	-3803 May 05 j 22:57	0°♈	
morning set	-3803 May 10 j 22:00	9°♈59'11	
asc. node	-3803 May 10 j 18:40	9°♈41'50	
superior conj	-3803 May 18 j 02:54	25°♈19'13	1°09'40
minimum elong	-3803 May 18 j 00:21	25°♈05'38	1°09'18
	-3803 May 20 j 08:01	0°♉	
max. Earth dist.	-3803 May 20 j 16:02	0°♉42'01	1.33972 AU
evening rise	-3803 May 25 j 20:49	11°♉17'38	
	-3803 Jun 05 j 00:44	0°♊	
desc. node	-3803 Jun 22 j 02:25	25°♊09'57	
	-3803 Jun 26 j 06:52	0°♋	
evening max el	-3803 Jun 29 j 00:41	2°♋48'03	27°18'59
retrograde	-3803 Jul 12 j 12:46	10°♋12'06	
evening set	-3803 Jul 19 j 14:15	7°♋26'57	
min. Earth dist.	-3803 Jul 23 j 07:09	3°♋58'18	0.64405 AU
inferior conj	-3803 Jul 25 j 14:43	1°♋27'09	-3°-27'-53
minimum elong	-3803 Jul 25 j 18:33	1°♋16'43	3°26'48
	-3803 Jul 26 j 23:16	30°℞♊	
morning rise	-3803 Aug 01 j 00:30	25°♊58'45	
direct	-3803 Aug 03 j 16:58	25°♊21'16	
asc. node	-3803 Aug 06 j 18:04	26°♊09'10	
morning max el	-3803 Aug 10 j 05:21	28°♊49'42	18°05'03
	-3803 Aug 11 j 07:43	0°♋	
morning set	-3803 Aug 27 j 22:23	25°♋50'42	
	-3803 Aug 30 j 09:21	0°♌	
superior conj	-3803 Sep 10 j 08:56	18°♌08'41	0°47'51
minimum elong	-3803 Sep 10 j 14:01	18°♌29'12	0°47'20
max. Earth dist.	-3803 Sep 15 j 00:03	25°♌33'44	1.44355 AU
	-3803 Sep 17 j 19:21	0°♍	
desc. node	-3803 Sep 18 j 01:48	0°♍25'27	
evening rise	-3803 Sep 26 j 21:31	14°♍10'50	
	-3803 Oct 07 j 05:28	0°♎	
greatest brilliancy	-3803 Oct 16 j 03:23	13°♎02'15	-0.6m
evening max el	-3803 Oct 23 j 04:30	21°♎46'11	20°05'54
retrograde	-3803 Oct 30 j 21:08	26°♎16'45	
asc. node	-3803 Nov 02 j 17:01	25°♎30'20	
evening set	-3803 Nov 03 j 10:44	25°♎02'44	
inferior conj	-3803 Nov 08 j 23:40	18°♎57'41	2°02'09
minimum elong	-3803 Nov 08 j 21:08	19°♎06'09	2°01'12
min. Earth dist.	-3803 Nov 09 j 20:10	17°♎49'22	0.66642 AU
morning rise	-3803 Nov 14 j 06:54	12°♎41'40	
direct	-3803 Nov 20 j 01:03	10°♎11'15	
morning max el	-3803 Dec 01 j 19:15	17°♎10'39	25°06'16
	-3803 Dec 12 j 13:05	0°♏	
desc. node	-3803 Dec 15 j 01:37	3°♏26'22	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3802 Jan	01 j 08:03	0°♐				-3802 Dec	06 j 11:33	0°♏	
morning set	-3802 Jan	06 j 22:45	9°♐44'17			morning set	-3802 Dec	19 j 09:42	20°♏44'00	
max. Earth dist.	-3802 Jan	10 j 17:04	16°♐35'48	1.36908 AU		max. Earth dist.	-3802 Dec	23 j 12:45	27°♏51'57	1.38925 AU
							-3802 Dec	24 j 17:41	0°♐	
superior conj	-3802 Jan	16 j 22:33	28°♐31'38	-1°-42'-20						
minimum elong	-3802 Jan	17 j 01:27	28°♐45'55	1°42'16		superior conj	-3802 Dec	30 j 22:56	11°♐22'39	-1°-53'-10
	-3802 Jan	17 j 16:27	0°♑			minimum elong	-3802 Dec	31 j 00:23	11°♐29'31	1°53'17
evening rise	-3802 Jan	25 j 05:50	15°♑11'23			evening rise	-3801 Jan	09 j 01:51	28°♐57'17	
asc. node	-3802 Jan	29 j 16:07	23°♑53'20				-3801 Jan	09 j 14:45	0°♑	
	-3802 Feb	02 j 00:32	0°♒			asc. node	-3801 Jan	16 j 13:09	12°♑55'52	
evening max el	-3802 Feb	11 j 11:40	12°♒59'50	19°32'38		evening max el	-3801 Jan	25 j 11:01	25°♑20'16	18°44'22
retrograde	-3802 Feb	20 j 20:59	17°♒27'21			retrograde	-3801 Feb	02 j 11:23	29°♑12'52	
evening set	-3802 Feb	23 j 04:31	17°♒12'20			evening set	-3801 Feb	04 j 21:44	28°♑52'50	
inferior conj	-3802 Mar	03 j 14:44	13°♒07'04	2°26'02		inferior conj	-3801 Feb	12 j 15:01	24°♑29'24	3°30'36
minimum elong	-3802 Mar	03 j 19:40	12°♒59'07	2°24'33		minimum elong	-3801 Feb	12 j 18:57	24°♑22'03	3°29'48
min. Earth dist.	-3802 Mar	06 j 06:22	11°♒25'00	0.56282 AU		min. Earth dist.	-3801 Feb	15 j 22:37	22°♑01'51	0.57927 AU
morning rise	-3802 Mar	12 j 07:12	8°♒22'59			morning rise	-3801 Feb	20 j 12:27	19°♑17'07	
desc. node	-3802 Mar	13 j 00:45	8°♒09'25			direct	-3801 Feb	26 j 06:10	17°♑56'21	
direct	-3802 Mar	16 j 19:49	7°♒36'37			desc. node	-3801 Feb	27 j 21:51	18°♑03'04	
morning max el	-3802 Mar	30 j 20:46	14°♒43'07	24°39'06		morning max el	-3801 Mar	12 j 12:24	25°♑23'37	26°07'47
	-3802 Apr	11 j 21:52	0°♓				-3801 Mar	16 j 19:21	0°♒	
morning set	-3802 Apr	25 j 10:12	25°♓01'42				-3801 Apr	04 j 22:34	0°♓	
asc. node	-3802 Apr	27 j 15:39	29°♓45'30			morning set	-3801 Apr	09 j 21:51	10°♓02'27	
	-3802 Apr	27 j 18:22	0°♈			asc. node	-3801 Apr	14 j 12:39	19°♓56'19	
superior conj	-3802 May	02 j 11:51	10°♈14'19	0°48'32		superior conj	-3801 Apr	16 j 23:01	25°♓15'11	0°25'11
minimum elong	-3802 May	02 j 09:52	10°♈03'35	0°48'10		minimum elong	-3801 Apr	16 j 21:55	25°♓09'13	0°24'56
max. Earth dist.	-3802 May	03 j 22:32	13°♈21'41	1.33155 AU		max. Earth dist.	-3801 Apr	17 j 10:26	26°♓17'39	1.32687 AU
evening rise	-3802 May	09 j 19:59	25°♈44'16				-3801 Apr	19 j 03:14	0°♈	
	-3802 May	11 j 23:03	0°♉			evening rise	-3801 Apr	24 j 01:27	10°♈29'12	
	-3802 May	29 j 12:18	0°♊				-3801 May	04 j 06:07	0°♉	
desc. node	-3802 Jun	08 j 23:30	13°♊13'15			evening max el	-3801 May	24 j 14:40	27°♉57'28	26°54'41
evening max el	-3802 Jun	11 j 09:56	15°♊41'10	27°23'13		desc. node	-3801 May	26 j 20:36	29°♉58'31	
retrograde	-3802 Jun	25 j 05:24	23°♊04'32				-3801 May	26 j 21:18	0°♊	
evening set	-3802 Jul	02 j 08:34	20°♊33'55			retrograde	-3801 Jun	07 j 14:35	5°♊17'40	
min. Earth dist.	-3802 Jul	05 j 22:39	17°♊34'46	0.62741 AU		evening set	-3801 Jun	14 j 09:28	3°♊15'07	
inferior conj	-3802 Jul	08 j 19:37	14°♊46'56	-4°-1'-9		min. Earth dist.	-3801 Jun	18 j 04:11	0°♊32'37	0.60797 AU
minimum elong	-3802 Jul	08 j 22:46	14°♊39'15	4°00'33			-3801 Jun	18 j 19:56	30°℞♉	
morning rise	-3802 Jul	15 j 15:16	9°♊37'30			inferior conj	-3801 Jun	21 j 11:07	27°♉44'17	-4°-19'-6
direct	-3802 Jul	18 j 04:33	9°♊07'17			minimum elong	-3801 Jun	21 j 12:12	27°♉41'55	4°18'57
asc. node	-3802 Jul	24 j 15:06	12°♊19'14			morning rise	-3801 Jun	28 j 18:01	22°♉56'19	
morning max el	-3802 Jul	24 j 20:11	12°♊31'34	17°56'07		direct	-3801 Jul	01 j 05:54	22°♉31'33	
	-3802 Aug	05 j 16:21	0°♋			morning max el	-3801 Jul	08 j 08:51	26°♉01'19	18°06'07
morning set	-3802 Aug	10 j 06:26	8°♋06'51			asc. node	-3801 Jul	11 j 12:09	29°♉36'09	
							-3801 Jul	11 j 19:22	0°♊	
superior conj	-3802 Aug	21 j 19:31	28°♋13'00	1°22'10		morning set	-3801 Jul	24 j 07:54	21°♊13'36	
minimum elong	-3802 Aug	22 j 00:57	28°♋35'54	1°21'46			-3801 Jul	29 j 01:31	0°♋	
	-3802 Aug	22 j 20:57	0°♌							
max. Earth dist.	-3802 Aug	28 j 13:55	9°♌24'52	1.43226 AU		superior conj	-3801 Aug	03 j 09:16	9°♋38'06	1°41'56
desc. node	-3802 Sep	04 j 22:47	21°♌08'42			minimum elong	-3801 Aug	03 j 12:21	9°♋51'49	1°41'55
evening rise	-3802 Sep	06 j 01:44	22°♌53'50			max. Earth dist.	-3801 Aug	10 j 22:40	22°♋41'14	1.41589 AU
	-3802 Sep	10 j 16:23	0°♍				-3801 Aug	15 j 09:04	0°♌	
greatest brilliancy	-3802 Sep	30 j 20:30	29°♍01'33	-0.5m		evening rise	-3801 Aug	16 j 16:57	2°♌08'44	
	-3802 Oct	01 j 15:01	0°♎			desc. node	-3801 Aug	22 j 19:46	11°♌46'31	
evening max el	-3802 Oct	06 j 03:57	5°♎12'40	21°13'13			-3801 Sep	04 j 03:13	0°♍	
retrograde	-3802 Oct	14 j 17:57	10°♎17'44			greatest brilliancy	-3801 Sep	14 j 03:28	13°♍18'58	-0.3m
evening set	-3802 Oct	18 j 18:29	8°♎46'44			evening max el	-3801 Sep	18 j 21:22	18°♍38'41	22°29'57
asc. node	-3802 Oct	20 j 14:06	7°♎06'13			retrograde	-3801 Sep	28 j 12:52	24°♍22'15	
inferior conj	-3802 Oct	24 j 04:26	2°♎32'57	1°12'40		evening set	-3801 Oct	03 j 02:24	22°♍32'09	
minimum elong	-3802 Oct	24 j 02:49	2°♎38'30	1°12'01		asc. node	-3801 Oct	07 j 11:11	17°♍34'32	
min. Earth dist.	-3802 Oct	24 j 13:42	2°♎01'12	0.67195 AU		inferior conj	-3801 Oct	08 j 10:55	16°♍13'00	0°20'19
	-3802 Oct	26 j 01:45	30°℞♍			minimum elong	-3801 Oct	08 j 10:27	16°♍14'38	0°20'09
morning rise	-3802 Oct	29 j 10:48	26°♍15'40			min. Earth dist.	-3801 Oct	08 j 09:43	16°♍17'09	0.67430 AU
direct	-3802 Nov	03 j 13:35	24°♍05'22			morning rise	-3801 Oct	13 j 18:23	9°♍57'21	
	-3802 Nov	13 j 18:01	0°♎			direct	-3801 Oct	18 j 06:15	8°♍08'58	
morning max el	-3802 Nov	14 j 04:05	0°♎25'11	23°41'16		morning max el	-3801 Oct	27 j 16:08	13°♍44'31	22°15'28
desc. node	-3802 Dec	01 j 22:35	23°♎14'43			greatest brilliancy	-3801 Nov	01 j 09:29	19°♍04'55	-0.3m

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3801 Nov 09 j 14:52	0°♎	
desc. node	-3801 Nov 18 j 19:34	13°♎24'50	
	-3801 Nov 29 j 11:06	0°♏	
morning set	-3801 Nov 29 j 16:15	0°♏20'44	
max. Earth dist.	-3801 Dec 05 j 11:18	9°♏53'18	1.40986 AU
superior conj	-3801 Dec 13 j 05:08	23°♏17'40	-1°-54'-4
minimum elong	-3801 Dec 13 j 03:40	23°♏11'11	1°54'10
	-3801 Dec 16 j 22:16	0°♐	
evening rise	-3801 Dec 23 j 11:35	12°♐09'25	
	-3800 Jan 02 j 12:20	0°♑	
asc. node	-3800 Jan 03 j 10:12	1°♑24'30	
evening max el	-3800 Jan 08 j 17:41	8°♑08'04	18°16'12
retrograde	-3800 Jan 15 j 20:24	11°♑41'32	
evening set	-3800 Jan 18 j 09:29	11°♑15'11	
inferior conj	-3800 Jan 25 j 11:48	6°♑29'54	3°59'15
minimum elong	-3800 Jan 25 j 13:00	6°♑27'17	3°59'02
min. Earth dist.	-3800 Jan 28 j 19:29	3°♑37'56	0.59903 AU
morning rise	-3800 Feb 01 j 13:29	0°♑55'49	
	-3800 Feb 03 j 08:44	30°℞♐	
direct	-3800 Feb 08 j 04:21	28°♐56'32	
	-3800 Feb 13 j 04:01	0°♑	
desc. node	-3800 Feb 14 j 18:57	0°♑45'53	
morning max el	-3800 Feb 22 j 09:20	6°♑34'40	27°11'33
	-3800 Mar 10 j 23:01	0°♒	
morning set	-3800 Mar 24 j 07:12	24°♒55'10	
	-3800 Mar 26 j 17:07	0°♓	
superior conj	-3800 Mar 31 j 10:44	10°♓15'52	0°00'28
minimum elong	-3800 Mar 31 j 10:43	10°♓15'47	0°00'25
behind sun begin	-3800 Mar 31 j 05:43	9°♓48'25	
behind sun end	-3800 Mar 31 j 15:43	10°♓43'09	
max. Earth dist.	-3800 Mar 30 j 23:58	9°♓16'54	1.32557 AU
asc. node	-3800 Mar 31 j 09:40	10°♓09'57	
evening rise	-3800 Apr 07 j 10:53	25°♓24'08	
	-3800 Apr 09 j 16:16	0°♈	
	-3800 Apr 27 j 07:47	0°♉	
evening max el	-3800 May 05 j 12:57	9°♉30'19	25°54'48
desc. node	-3800 May 12 j 17:42	14°♉54'13	
retrograde	-3800 May 19 j 14:56	16°♉45'40	
evening set	-3800 May 25 j 13:20	15°♉20'22	
min. Earth dist.	-3800 May 30 j 01:26	12°♉37'25	0.58754 AU
inferior conj	-3800 Jun 02 j 09:32	10°♉09'29	-4°-13'-20
minimum elong	-3800 Jun 02 j 07:15	10°♉13'43	4°13'05
morning rise	-3800 Jun 10 j 05:04	5°♉43'57	
direct	-3800 Jun 12 j 16:31	5°♉23'34	
morning max el	-3800 Jun 20 j 16:31	9°♉10'59	18°35'58
asc. node	-3800 Jun 27 j 09:13	17°♉45'26	
	-3800 Jul 04 j 07:41	0°♊	
morning set	-3800 Jul 06 j 22:06	4°♊59'07	
superior conj	-3800 Jul 15 j 21:32	22°♊11'35	1°48'59
minimum elong	-3800 Jul 15 j 22:00	22°♊13'45	1°49'08
	-3800 Jul 20 j 03:32	0°♋	
max. Earth dist.	-3800 Jul 23 j 02:02	5°♋13'21	1.39670 AU
evening rise	-3800 Jul 27 j 08:15	12°♋32'36	
	-3800 Aug 07 j 05:15	0°♌	
desc. node	-3800 Aug 08 j 16:45	2°♌14'49	
	-3800 Aug 29 j 10:05	0°♍	
evening max el	-3800 Aug 31 j 10:07	2°♍05'28	23°50'40
retrograde	-3800 Sep 11 j 04:41	8°♍26'48	
evening set	-3800 Sep 16 j 08:43	6°♍16'57	
min. Earth dist.	-3800 Sep 21 j 05:52	0°♍35'00	0.67365 AU
inferior conj	-3800 Sep 21 j 17:21	29°♌55'54	0°-33'-16
minimum elong	-3800 Sep 21 j 18:08	29°♌53'15	0°32'53
	-3800 Sep 21 j 16:09	30°℞♌	
asc. node	-3800 Sep 23 j 08:19	27°♌45'39	

morning rise	-3800 Sep 27 j 03:43	23°♌44'48	
direct	-3800 Oct 01 j 02:08	22°♌17'17	
morning max el	-3800 Oct 09 j 10:13	27°♌11'08	20°56'04
	-3800 Oct 11 j 23:39	0°♍	
greatest brilliancy	-3800 Oct 15 j 04:36	3°♍58'27	-0.5m
	-3800 Nov 02 j 04:38	0°♎	
desc. node	-3800 Nov 04 j 16:30	3°♎49'32	
morning set	-3800 Nov 07 j 21:48	8°♎49'06	
max. Earth dist.	-3800 Nov 16 j 16:24	22°♎46'52	1.42797 AU
	-3800 Nov 21 j 01:43	0°♏	
superior conj	-3800 Nov 23 j 11:18	4°♏01'23	-1°-41'-12
minimum elong	-3800 Nov 23 j 06:04	3°♏39'20	1°40'55
evening rise	-3800 Dec 05 j 07:08	24°♏38'22	
	-3800 Dec 08 j 07:20	0°♐	
asc. node	-3800 Dec 20 j 07:17	19°♐08'01	
evening max el	-3800 Dec 22 j 04:45	21°♐14'17	18°07'53
retrograde	-3800 Dec 28 j 20:21	24°♐42'17	
evening set	-3800 Dec 31 j 12:13	24°♐08'41	
inferior conj	-3799 Jan 07 j 02:21	19°♐01'46	4°00'04
minimum elong	-3799 Jan 07 j 01:06	19°♐04'51	3°59'50
min. Earth dist.	-3799 Jan 10 j 00:14	16°♐08'47	0.61889 AU
morning rise	-3799 Jan 13 j 11:45	13°♐12'25	
direct	-3799 Jan 20 j 12:22	10°♐41'42	
desc. node	-3799 Jan 31 j 16:02	15°♐49'43	
morning max el	-3799 Feb 03 j 12:35	18°♐25'52	27°41'10
	-3799 Feb 13 j 07:41	0°♑	
	-3799 Mar 03 j 16:13	0°♒	
morning set	-3799 Mar 08 j 12:12	9°♒32'06	
max. Earth dist.	-3799 Mar 14 j 11:07	22°♒04'39	1.32774 AU
superior conj	-3799 Mar 15 j 21:21	25°♒10'07	0°-24'-44
minimum elong	-3799 Mar 15 j 22:28	25°♒16'10	0°24'36
asc. node	-3799 Mar 18 j 06:41	0°♓22'00	
	-3799 Mar 18 j 02:39	0°♓	
evening rise	-3799 Mar 22 j 22:15	10°♓21'29	
	-3799 Apr 02 j 02:35	0°♈	
evening max el	-3799 Apr 17 j 05:51	20°♈26'50	24°31'28
desc. node	-3799 Apr 29 j 14:49	27°♈23'37	
retrograde	-3799 May 01 j 04:34	27°♈29'20	
evening set	-3799 May 05 j 20:11	26°♈40'27	
min. Earth dist.	-3799 May 11 j 17:48	23°♈41'14	0.56905 AU
inferior conj	-3799 May 14 j 12:07	21°♈54'34	-3°-33'-27
minimum elong	-3799 May 14 j 06:39	22°♈03'24	3°32'18
morning rise	-3799 May 22 j 21:16	17°♈48'07	
direct	-3799 May 25 j 08:34	17°♈31'13	
morning max el	-3799 Jun 03 j 16:23	21°♈51'16	19°26'17
	-3799 Jun 10 j 06:44	0°♉	
asc. node	-3799 Jun 14 j 06:17	6°♉34'52	
morning set	-3799 Jun 20 j 21:27	19°♉14'20	
	-3799 Jun 26 j 06:22	0°♊	
superior conj	-3799 Jun 29 j 02:36	5°♊37'23	1°46'09
minimum elong	-3799 Jun 29 j 01:10	5°♊30'22	1°46'15
max. Earth dist.	-3799 Jul 05 j 03:50	17°♊09'24	1.37731 AU
evening rise	-3799 Jul 09 j 01:24	24°♊13'00	
	-3799 Jul 12 j 09:07	0°♋	
desc. node	-3799 Jul 26 j 13:46	22°♋28'45	
	-3799 Jul 31 j 21:27	0°♌	
evening max el	-3799 Aug 13 j 20:55	15°♌35'50	25°08'25
retrograde	-3799 Aug 25 j 16:32	22°♌27'53	
evening set	-3799 Aug 31 j 11:37	20°♌00'00	
min. Earth dist.	-3799 Sep 04 j 23:45	14°♌53'54	0.66990 AU
inferior conj	-3799 Sep 05 j 22:02	13°♌40'38	-1°-26'-25
minimum elong	-3799 Sep 06 j 00:03	13°♌34'00	1°25'31
asc. node	-3799 Sep 10 j 05:26	8°♌39'17	
morning rise	-3799 Sep 11 j 12:58	7°♌37'09	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3799 Sep 15 j 00:01	6°♌27'46	
morning max el	-3799 Sep 22 j 11:33	10°♌46'46	19°48'16
greatest brilliancy	-3799 Sep 30 j 11:20	20°♌49'47	-0.6m
	-3799 Oct 06 j 17:12	0°♍	
morning set	-3799 Oct 17 j 20:27	17°♍04'45	
desc. node	-3799 Oct 22 j 13:28	24°♍24'34	
	-3799 Oct 26 j 03:01	0°♎	
max. Earth dist.	-3799 Oct 30 j 04:13	6°♎24'31	1.44119 AU
superior conj	-3799 Nov 03 j 14:00	13°♎28'12	-1°-11'-39
minimum elong	-3799 Nov 03 j 06:57	12°♎59'47	1°10'57
	-3799 Nov 13 j 15:01	0°♏	
evening rise	-3799 Nov 17 j 07:58	6°♏15'17	
	-3799 Dec 01 j 23:24	0°♐	
evening max el	-3799 Dec 05 j 17:28	4°♐32'31	18°18'40
asc. node	-3799 Dec 07 j 04:23	5°♐53'26	
retrograde	-3799 Dec 12 j 06:41	8°♐06'08	
evening set	-3799 Dec 15 j 02:22	7°♐23'54	
inferior conj	-3799 Dec 21 j 06:50	1°♐57'10	3°41'25
minimum elong	-3799 Dec 21 j 04:10	2°♐04'37	3°40'50
	-3799 Dec 23 j 00:52	30°℞♏	
min. Earth dist.	-3799 Dec 23 j 14:38	29°♏22'24	0.63663 AU
morning rise	-3799 Dec 27 j 04:23	25°♏56'58	
direct	-3798 Jan 03 j 04:23	23°♏09'11	
	-3798 Jan 15 j 22:07	0°♐	
morning max el	-3798 Jan 16 j 20:16	0°♐53'37	27°34'32
desc. node	-3798 Jan 18 j 13:06	2°♐38'21	
	-3798 Feb 07 j 09:01	0°♑	
morning set	-3798 Feb 20 j 10:22	23°♑44'39	
	-3798 Feb 23 j 12:32	0°♒	
max. Earth dist.	-3798 Feb 25 j 15:59	4°♒27'43	1.33375 AU
superior conj	-3798 Feb 28 j 05:06	9°♒51'55	0°-49'-31
minimum elong	-3798 Feb 28 j 07:16	10°♒03'29	0°49'15
asc. node	-3798 Mar 05 j 03:42	20°♒28'16	
evening rise	-3798 Mar 07 j 09:47	25°♒14'55	
	-3798 Mar 09 j 16:53	0°♓	
	-3798 Mar 28 j 18:17	0°♈	
evening max el	-3798 Mar 29 j 22:09	1°♈09'13	22°57'34
retrograde	-3798 Apr 12 j 05:16	7°♈41'39	
evening set	-3798 Apr 15 j 13:49	7°♈17'01	
desc. node	-3798 Apr 16 j 11:58	7°♈02'03	
min. Earth dist.	-3798 Apr 23 j 08:20	3°♈49'56	0.55611 AU
inferior conj	-3798 Apr 24 j 19:41	2°♈58'38	-2°-12'-54
minimum elong	-3798 Apr 24 j 14:18	3°♈06'29	2°11'17
	-3798 Apr 30 j 13:26	30°℞♓	
morning rise	-3798 May 03 j 17:31	29°♓01'31	
direct	-3798 May 06 j 06:50	28°♓45'57	
	-3798 May 11 j 16:32	0°♈	
morning max el	-3798 May 17 j 06:01	3°♈52'48	20°36'37
asc. node	-3798 Jun 01 j 03:18	25°♈54'08	
	-3798 Jun 03 j 05:21	0°♉	
morning set	-3798 Jun 05 j 03:04	3°♉51'01	
superior conj	-3798 Jun 12 j 19:34	19°♉40'40	1°35'59
minimum elong	-3798 Jun 12 j 17:08	19°♉28'16	1°35'53
max. Earth dist.	-3798 Jun 17 j 10:43	28°♉55'30	1.36002 AU
	-3798 Jun 17 j 23:58	0°♊	
evening rise	-3798 Jun 21 j 15:58	6°♊58'06	
	-3798 Jul 05 j 02:56	0°♋	
desc. node	-3798 Jul 13 j 10:50	12°♋20'56	
evening max el	-3798 Jul 27 j 07:55	29°♋07'39	26°15'16
	-3798 Jul 28 j 05:52	0°♌	
retrograde	-3798 Aug 08 j 23:35	6°♌19'22	
evening set	-3798 Aug 15 j 09:00	3°♌38'00	
	-3798 Aug 18 j 20:26	30°℞♋	
min. Earth dist.	-3798 Aug 19 j 12:54	29°♋10'02	0.66279 AU
inferior conj	-3798 Aug 20 j 23:04	27°♋23'54	-2°-17'-25
minimum elong	-3798 Aug 21 j 02:09	27°♋14'19	2°16'11
morning rise	-3798 Aug 26 j 20:08	21°♋31'19	
asc. node	-3798 Aug 28 j 02:32	20°♋55'42	
direct	-3798 Aug 29 j 22:11	20°♋36'44	
morning max el	-3798 Sep 05 j 19:25	24°♋29'14	18°55'08
	-3798 Sep 10 j 09:10	0°♌	
morning set	-3798 Sep 27 j 11:08	26°♌11'39	
	-3798 Sep 29 j 20:47	0°♍	
desc. node	-3798 Oct 09 j 10:24	15°♍05'48	
max. Earth dist.	-3798 Oct 12 j 20:51	20°♍30'35	1.44787 AU
superior conj	-3798 Oct 13 j 18:27	21°♍55'43	0°-27'-18
minimum elong	-3798 Oct 13 j 14:55	21°♍41'45	0°26'49
	-3798 Oct 18 j 20:57	0°♎	
evening rise	-3798 Oct 29 j 09:36	16°♎51'18	
	-3798 Nov 06 j 12:54	0°♏	
evening max el	-3798 Nov 19 j 05:07	17°♏57'03	18°47'31
asc. node	-3798 Nov 24 j 01:27	21°♏25'34	
retrograde	-3798 Nov 25 j 23:35	21°♏46'01	
evening set	-3798 Nov 29 j 00:41	20°♏53'14	
inferior conj	-3798 Dec 04 j 21:39	15°♏09'05	3°09'32
minimum elong	-3798 Dec 04 j 18:30	15°♏18'39	3°08'37
min. Earth dist.	-3798 Dec 06 j 14:42	13°♏04'31	0.65103 AU
morning rise	-3798 Dec 10 j 11:15	9°♏01'00	
direct	-3798 Dec 17 j 02:57	6°♏11'18	
morning max el	-3798 Dec 30 j 05:45	13°♏47'15	26°55'28
desc. node	-3797 Jan 05 j 10:08	20°♏41'24	
	-3797 Jan 12 j 11:18	0°♐	
	-3797 Jan 31 j 00:01	0°♑	
morning set	-3797 Feb 03 j 22:26	7°♑22'21	
max. Earth dist.	-3797 Feb 08 j 11:02	16°♑17'20	1.34404 AU
superior conj	-3797 Feb 12 j 07:56	24°♑14'33	-1°-12'-44
minimum elong	-3797 Feb 12 j 10:53	24°♑29'53	1°12'26
	-3797 Feb 15 j 01:46	0°♒	
evening rise	-3797 Feb 19 j 19:41	9°♒58'27	
asc. node	-3797 Feb 20 j 00:42	10°♒24'26	
	-3797 Mar 02 j 11:12	0°♓	
evening max el	-3797 Mar 11 j 20:01	12°♓04'35	21°26'50
retrograde	-3797 Mar 23 j 19:52	17°♓50'20	
evening set	-3797 Mar 26 j 09:02	17°♓35'35	
desc. node	-3797 Apr 03 j 09:05	14°♓18'32	
inferior conj	-3797 Apr 04 j 15:52	13°♓35'27	0°-21'-23
minimum elong	-3797 Apr 04 j 14:52	13°♓36'52	0°21'06
min. Earth dist.	-3797 Apr 04 j 22:19	13°♓26'22	0.55154 AU
morning rise	-3797 Apr 13 j 20:41	9°♓32'09	
direct	-3797 Apr 16 j 19:31	9°♓13'01	
morning max el	-3797 Apr 29 j 08:43	15°♓12'41	22°04'18
	-3797 May 10 j 15:51	0°♈	
asc. node	-3797 May 19 j 00:18	15°♈35'46	
morning set	-3797 May 20 j 12:43	18°♈42'59	
	-3797 May 25 j 21:14	0°♉	
superior conj	-3797 May 27 j 20:50	4°♉10'58	1°20'27
minimum elong	-3797 May 27 j 18:09	3°♉56'55	1°20'09
max. Earth dist.	-3797 May 31 j 03:09	10°♉57'20	1.34611 AU
evening rise	-3797 Jun 04 j 22:39	20°♉33'09	
	-3797 Jun 09 j 23:39	0°♊	
	-3797 Jun 29 j 00:56	0°♋	
desc. node	-3797 Jun 30 j 07:53	1°♋41'55	
evening max el	-3797 Jul 09 j 19:28	12°♋33'34	27°03'00
retrograde	-3797 Jul 23 j 01:17	19°♋54'33	
evening set	-3797 Jul 29 j 22:24	17°♋07'40	
min. Earth dist.	-3797 Aug 02 j 18:53	13°♋18'16	0.65203 AU
inferior conj	-3797 Aug 04 j 18:21	11°♋02'03	-3°-4'-5
minimum elong	-3797 Aug 04 j 22:06	10°♋51'16	3°02'51

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3797 Aug 10 j 23:03	5°♋23'50	
direct	-3797 Aug 13 j 18:28	4°♋40'50	
asc. node	-3797 Aug 14 j 23:37	4°♋48'51	
morning max el	-3797 Aug 20 j 07:59	8°♋15'18	18°18'22
	-3797 Sep 04 j 04:26	0°♌	
morning set	-3797 Sep 08 j 04:45	6°♌37'39	
superior conj	-3797 Sep 22 j 19:23	0°♍17'51	0°22'09
minimum elong	-3797 Sep 22 j 22:08	0°♍28'49	0°21'53
	-3797 Sep 22 j 14:53	0°♍	
max. Earth dist.	-3797 Sep 25 j 15:19	4°♍46'54	1.44723 AU
desc. node	-3797 Sep 26 j 07:20	5°♍50'08	
evening rise	-3797 Oct 09 j 10:33	26°♍24'53	
	-3797 Oct 11 j 17:43	0°♎	
greatest brilliancy	-3797 Oct 24 j 20:05	20°♎04'29	-0.7m
	-3797 Nov 01 j 06:32	0°♏	
evening max el	-3797 Nov 02 j 13:19	1°♏23'44	19°32'57
retrograde	-3797 Nov 09 j 19:54	5°♏36'44	
asc. node	-3797 Nov 10 j 22:32	5°♏29'37	
evening set	-3797 Nov 13 j 04:24	4°♏31'03	
	-3797 Nov 17 j 16:28	30°℞♎	
inferior conj	-3797 Nov 18 j 19:45	28°♎32'32	2°28'38
minimum elong	-3797 Nov 18 j 16:50	28°♎41'58	2°27'37
min. Earth dist.	-3797 Nov 19 j 23:13	27°♎03'28	0.66183 AU
morning rise	-3797 Nov 24 j 04:34	22°♎18'48	
direct	-3797 Nov 30 j 07:12	19°♎39'14	
morning max el	-3797 Dec 12 j 15:03	26°♎55'13	25°51'09
	-3797 Dec 15 j 12:37	0°♏	
desc. node	-3797 Dec 23 j 07:06	9°♏36'33	
	-3796 Jan 06 j 02:25	0°♐	
morning set	-3796 Jan 17 j 19:58	20°♐10'58	
max. Earth dist.	-3796 Jan 21 j 18:33	27°♐35'15	1.35882 AU
	-3796 Jan 23 j 00:31	0°♑	
superior conj	-3796 Jan 27 j 03:14	8°♑09'01	-1°-32'-53
minimum elong	-3796 Jan 27 j 06:24	8°♑25'00	1°32'43
evening rise	-3796 Feb 04 j 02:00	24°♑24'39	
asc. node	-3796 Feb 06 j 21:42	0°♒04'43	
	-3796 Feb 06 j 20:45	0°♒	
evening max el	-3796 Feb 22 j 03:27	23°♒29'53	20°09'06
retrograde	-3796 Mar 03 j 11:21	28°♒24'19	
evening set	-3796 Mar 05 j 18:35	28°♒10'46	
inferior conj	-3796 Mar 14 j 14:05	24°♒11'13	1°31'59
minimum elong	-3796 Mar 14 j 17:52	24°♒05'32	1°30'41
min. Earth dist.	-3796 Mar 16 j 12:18	23°♒01'56	0.55628 AU
desc. node	-3796 Mar 20 j 06:12	21°♒00'30	
morning rise	-3796 Mar 23 j 14:32	19°♒44'49	
direct	-3796 Mar 27 j 10:29	19°♒12'40	
morning max el	-3796 Apr 10 j 02:51	25°♒58'40	23°42'33
	-3796 Apr 13 j 21:48	0°♓	
	-3796 May 02 j 05:21	0°♈	
morning set	-3796 May 04 j 00:28	3°♈43'11	
asc. node	-3796 May 04 j 21:18	5°♈32'42	
superior conj	-3796 May 11 j 03:36	18°♈58'49	1°01'01
minimum elong	-3796 May 11 j 01:15	18°♈46'11	1°00'39
max. Earth dist.	-3796 May 13 j 05:12	23°♈23'33	1.33583 AU
	-3796 May 16 j 08:58	0°♉	
evening rise	-3796 May 18 j 16:49	4°♉43'39	
	-3796 Jun 01 j 16:25	0°♊	
desc. node	-3796 Jun 16 j 04:58	20°♊18'20	
evening max el	-3796 Jun 21 j 06:03	25°♊41'22	27°24'37
	-3796 Jun 26 j 11:13	0°♋	
retrograde	-3796 Jul 04 j 21:18	3°♋05'05	
evening set	-3796 Jul 12 j 00:44	0°♋24'12	
	-3796 Jul 12 j 13:17	30°℞♊	
min. Earth dist.	-3796 Jul 15 j 15:47	27°♊09'37	0.63741 AU
inferior conj	-3796 Jul 18 j 05:19	24°♊29'51	-3°-43'-28
minimum elong	-3796 Jul 18 j 09:00	24°♊20'15	3°42'34
morning rise	-3796 Jul 24 j 19:08	19°♊09'19	
direct	-3796 Jul 27 j 10:06	18°♊35'07	
asc. node	-3796 Jul 31 j 20:42	20°♊12'44	
morning max el	-3796 Aug 02 j 22:47	22°♊00'20	17°59'05
	-3796 Aug 09 j 02:38	0°♋	
morning set	-3796 Aug 20 j 00:14	18°♋17'22	
	-3796 Aug 26 j 20:15	0°♌	
superior conj	-3796 Sep 01 j 14:27	9°♌35'55	1°04'12
minimum elong	-3796 Sep 01 j 20:12	9°♌59'29	1°03'39
max. Earth dist.	-3796 Sep 07 j 07:53	18°♌53'03	1.43944 AU
desc. node	-3796 Sep 12 j 04:18	26°♌34'37	
	-3796 Sep 14 j 08:45	0°♍	
evening rise	-3796 Sep 17 j 17:34	5°♍13'41	
	-3796 Oct 04 j 04:42	0°♎	
greatest brilliancy	-3796 Oct 09 j 11:43	7°♎23'09	-0.5m
evening max el	-3796 Oct 15 j 16:12	14°♎50'19	20°33'04
retrograde	-3796 Oct 23 j 17:15	19°♎35'04	
evening set	-3796 Oct 27 j 11:16	18°♎13'58	
asc. node	-3796 Oct 27 j 19:38	17°♎58'08	
inferior conj	-3796 Nov 01 j 22:42	12°♎04'30	1°41'40
minimum elong	-3796 Nov 01 j 20:31	12°♎11'54	1°40'48
min. Earth dist.	-3796 Nov 02 j 14:11	11°♎12'08	0.66912 AU
morning rise	-3796 Nov 07 j 05:19	5°♎47'39	
direct	-3796 Nov 12 j 16:50	3°♎25'39	
morning max el	-3796 Nov 23 j 23:51	10°♎09'25	24°30'54
desc. node	-3796 Dec 09 j 04:05	29°♎08'50	
	-3796 Dec 09 j 18:26	0°♏	
	-3796 Dec 28 j 18:48	0°♐	
morning set	-3796 Dec 29 j 21:24	1°♐55'36	
max. Earth dist.	-3795 Jan 02 j 16:49	8°♐42'44	1.37746 AU
superior conj	-3795 Jan 09 j 11:44	21°♐26'25	-1°-47'-55
minimum elong	-3795 Jan 09 j 14:12	21°♐38'19	1°47'56
	-3795 Jan 13 j 20:31	0°♑	
evening rise	-3795 Jan 18 j 02:35	8°♑27'30	
asc. node	-3795 Jan 23 j 18:43	19°♑23'12	
	-3795 Jan 30 j 05:46	0°♒	
evening max el	-3795 Feb 03 j 21:23	5°♒31'09	19°09'32
retrograde	-3795 Feb 12 j 15:40	9°♒42'20	
evening set	-3795 Feb 15 j 00:07	9°♒25'32	
inferior conj	-3795 Feb 23 j 03:01	5°♒13'06	2°58'08
minimum elong	-3795 Feb 23 j 07:54	5°♒04'42	2°56'52
min. Earth dist.	-3795 Feb 26 j 03:28	3°♒09'37	0.56921 AU
morning rise	-3795 Mar 03 j 11:53	0°♒16'03	
	-3795 Mar 04 j 05:48	30°℞♑	
desc. node	-3795 Mar 07 j 03:18	29°♑21'15	
direct	-3795 Mar 08 j 13:02	29°♑16'34	
	-3795 Mar 12 j 20:26	0°♒	
morning max el	-3795 Mar 22 j 17:49	6°♒33'49	25°19'00
	-3795 Apr 08 j 20:08	0°♓	
morning set	-3795 Apr 18 j 12:39	18°♓45'35	
asc. node	-3795 Apr 21 j 18:17	25°♓39'47	
	-3795 Apr 23 j 18:13	0°♈	
superior conj	-3795 Apr 25 j 13:44	3°♈56'59	0°38'50
minimum elong	-3795 Apr 25 j 12:06	3°♈48'06	0°38'31
max. Earth dist.	-3795 Apr 26 j 14:20	6°♈10'44	1.32914 AU
evening rise	-3795 May 02 j 18:59	19°♈18'39	
	-3795 May 08 j 04:59	0°♉	
	-3795 May 27 j 03:06	0°♊	
desc. node	-3795 Jun 03 j 02:04	7°♊51'14	
evening max el	-3795 Jun 03 j 13:22	8°♊18'35	27°15'01
retrograde	-3795 Jun 17 j 11:01	15°♊41'32	
evening set	-3795 Jun 24 j 12:10	13°♊20'56	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

min. Earth dist.	-3795 Jun 28 j 02:49	10°♊31'03	0.61935 AU
inferior conj	-3795 Jul 01 j 04:53	7°♊40'20	-4°-11'-6
minimum elong	-3795 Jul 01 j 07:21	7°♊34'38	4°10'44
morning rise	-3795 Jul 08 j 05:12	2°♊40'12	
direct	-3795 Jul 10 j 17:39	2°♊12'35	
morning max el	-3795 Jul 17 j 13:06	5°♊37'49	17°58'05
asc. node	-3795 Jul 18 j 17:46	6°♊52'49	
	-3795 Aug 02 j 03:58	0°♋	
morning set	-3795 Aug 02 j 16:17	0°♋55'49	
superior conj	-3795 Aug 13 j 12:55	20°♋15'12	1°32'17
minimum elong	-3795 Aug 13 j 17:30	20°♋34'59	1°32'03
	-3795 Aug 19 j 07:11	0°♌	
max. Earth dist.	-3795 Aug 20 j 19:20	2°♌29'10	1.42567 AU
evening rise	-3795 Aug 27 j 23:59	14°♌02'45	
desc. node	-3795 Aug 30 j 01:17	17°♌15'38	
	-3795 Sep 07 j 10:00	0°♍	
greatest brilliancy	-3795 Sep 23 j 15:09	22°♍39'16	-0.4m
evening max el	-3795 Sep 28 j 12:51	28°♍15'29	21°45'02
	-3795 Sep 30 j 08:31	0°♎	
retrograde	-3795 Oct 07 j 13:33	3°♎37'26	
evening set	-3795 Oct 11 j 19:18	1°♎58'34	
	-3795 Oct 13 j 20:31	30°℞♍	
asc. node	-3795 Oct 14 j 16:45	29°♍00'17	
inferior conj	-3795 Oct 17 j 04:26	25°♍41'51	0°50'44
minimum elong	-3795 Oct 17 j 03:17	25°♍45'50	0°50'16
min. Earth dist.	-3795 Oct 17 j 09:10	25°♍25'30	0.67323 AU
morning rise	-3795 Oct 22 j 11:00	19°♍24'40	
direct	-3795 Oct 27 j 07:13	17°♍23'44	
morning max el	-3795 Nov 06 j 09:42	23°♍25'37	23°04'25
greatest brilliancy	-3795 Nov 11 j 09:25	29°♍02'17	-0.3m
	-3795 Nov 12 j 04:12	0°♎	
desc. node	-3795 Nov 26 j 01:03	19°♎06'59	
	-3795 Dec 03 j 04:40	0°♏	
morning set	-3795 Dec 10 j 20:37	12°♏20'27	
max. Earth dist.	-3795 Dec 15 j 12:27	20°♏13'08	1.39810 AU
	-3795 Dec 21 j 01:28	0°♐	
superior conj	-3795 Dec 23 j 05:02	3°♐54'55	-1°-55'00
minimum elong	-3795 Dec 23 j 05:26	3°♐56'46	1°55'08
evening rise	-3794 Jan 01 j 18:38	21°♐59'40	
	-3794 Jan 06 j 00:10	0°♑	
asc. node	-3794 Jan 10 j 15:46	8°♑12'26	
evening max el	-3794 Jan 18 j 00:12	18°♑04'15	18°29'56
retrograde	-3794 Jan 25 j 14:07	21°♑46'50	
evening set	-3794 Jan 28 j 01:33	21°♑24'22	
inferior conj	-3794 Feb 04 j 12:12	16°♑52'08	3°46'43
minimum elong	-3794 Feb 04 j 15:02	16°♑46'29	3°46'13
min. Earth dist.	-3794 Feb 07 j 21:38	14°♑10'56	0.58748 AU
morning rise	-3794 Feb 12 j 00:57	11°♑29'24	
direct	-3794 Feb 18 j 05:00	9°♑51'44	
desc. node	-3794 Feb 22 j 00:23	10°♑27'57	
morning max el	-3794 Mar 04 j 11:24	17°♑25'20	26°38'33
	-3794 Mar 14 j 21:41	0°♒	
	-3794 Apr 01 j 04:10	0°♓	
morning set	-3794 Apr 02 j 23:35	3°♓43'59	
asc. node	-3794 Apr 08 j 15:18	15°♓52'28	
superior conj	-3794 Apr 10 j 01:24	18°♓59'03	0°14'49
minimum elong	-3794 Apr 10 j 00:45	18°♓55'28	0°14'39
behind sun begin	-3794 Apr 09 j 22:54	18°♓45'21	
behind sun end	-3794 Apr 10 j 02:35	19°♓05'35	
max. Earth dist.	-3794 Apr 10 j 03:15	19°♓09'09	1.32587 AU
	-3794 Apr 15 j 03:13	0°♈	
evening rise	-3794 Apr 17 j 02:26	4°♈09'05	
	-3794 May 01 j 00:39	0°♉	
evening max el	-3794 May 16 j 15:29	20°♉16'58	26°32'46

desc. node	-3794 May 20 j 23:10	23°♉54'32	
retrograde	-3794 May 30 j 17:09	27°♉36'12	
evening set	-3794 Jun 06 j 04:33	25°♉48'58	
min. Earth dist.	-3794 Jun 10 j 04:48	23°♉08'10	0.59917 AU
inferior conj	-3794 Jun 13 j 13:37	20°♉25'40	-4°-20'-13
minimum elong	-3794 Jun 13 j 13:24	20°♉26'06	4°20'08
morning rise	-3794 Jun 21 j 01:44	15°♉47'19	
direct	-3794 Jun 23 j 13:12	15°♉24'39	
morning max el	-3794 Jul 01 j 00:06	19°♉00'44	18°16'20
asc. node	-3794 Jul 05 j 14:51	24°♉34'02	
	-3794 Jul 09 j 02:22	0°♊	
morning set	-3794 Jul 16 j 23:44	14°♊20'34	
	-3794 Jul 25 j 08:12	0°♋	
superior conj	-3794 Jul 26 j 13:00	2°♋11'29	1°46'18
minimum elong	-3794 Jul 26 j 14:55	2°♋20'13	1°46'24
max. Earth dist.	-3794 Aug 03 j 01:08	15°♋25'07	1.40787 AU
evening rise	-3794 Aug 08 j 00:39	23°♋44'45	
	-3794 Aug 11 j 21:43	0°♌	
desc. node	-3794 Aug 16 j 22:17	7°♌49'55	
	-3794 Sep 01 j 08:37	0°♍	
greatest brilliancy	-3794 Sep 05 j 20:57	5°♍45'10	-0.2m
evening max el	-3794 Sep 11 j 04:04	11°♍41'34	23°04'16
retrograde	-3794 Sep 21 j 07:18	17°♍41'49	
evening set	-3794 Sep 26 j 02:44	15°♍43'33	
inferior conj	-3794 Oct 01 j 11:07	9°♍23'13	0°-2'-21
minimum elong	-3794 Oct 01 j 11:10	9°♍23'02	0°02'17
transit middle	-3794 Oct 01 j 11:10	9°♍23'02	0°02'17
transit begin	-3794 Oct 01 j 08:30	9°♍32'15	
transit end	-3794 Oct 01 j 13:51	9°♍13'49	
min. Earth dist.	-3794 Oct 01 j 05:39	9°♍42'03	0.67436 AU
asc. node	-3794 Oct 01 j 13:53	9°♍13'43	
morning rise	-3794 Oct 06 j 19:35	3°♍08'52	
direct	-3794 Oct 11 j 01:33	1°♍29'24	
morning max el	-3794 Oct 19 j 23:52	6°♍46'47	21°40'28
greatest brilliancy	-3794 Oct 25 j 00:34	12°♍32'51	-0.4m
	-3794 Nov 06 j 15:24	0°♎	
desc. node	-3794 Nov 12 j 22:02	9°♎23'35	
morning set	-3794 Nov 20 j 15:13	21°♎23'05	
	-3794 Nov 25 j 23:29	0°♏	
max. Earth dist.	-3794 Nov 27 j 13:01	2°♏34'29	1.41801 AU
superior conj	-3794 Dec 05 j 01:42	15°♏21'02	-1°-50'-31
minimum elong	-3794 Dec 04 j 22:39	15°♏07'46	1°50'31
	-3794 Dec 13 j 06:34	0°♐	
evening rise	-3794 Dec 15 j 22:48	4°♐53'50	
asc. node	-3794 Dec 28 j 12:50	26°♐23'14	
	-3794 Dec 31 j 09:49	0°♑	
evening max el	-3793 Jan 01 j 09:11	1°♑01'09	18°10'20
retrograde	-3793 Jan 08 j 05:49	4°♑30'21	
evening set	-3793 Jan 10 j 20:08	4°♑00'57	
	-3793 Jan 16 j 17:31	30°℞♐	
inferior conj	-3793 Jan 17 j 16:57	29°♐06'33	4°02'26
minimum elong	-3793 Jan 17 j 17:01	29°♐06'25	4°02'16
min. Earth dist.	-3793 Jan 20 j 21:27	26°♐11'22	0.60766 AU
morning rise	-3793 Jan 24 j 11:14	23°♐25'36	
direct	-3793 Jan 31 j 07:53	21°♐11'15	
desc. node	-3793 Feb 08 j 21:29	24°♐14'56	
morning max el	-3793 Feb 14 j 10:51	28°♐52'15	27°28'32
	-3793 Feb 15 j 13:49	0°♑	
	-3793 Mar 08 j 15:55	0°♒	
morning set	-3793 Mar 18 j 07:20	18°♒30'51	
	-3793 Mar 23 j 17:11	0°♓	
max. Earth dist.	-3793 Mar 24 j 16:12	2°♓05'10	1.32607 AU
superior conj	-3793 Mar 25 j 12:52	3°♓57'57	0°-10'-11
minimum elong	-3793 Mar 25 j 13:20	4°♓00'28	0°10'11

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

behind sun begin	-3793 Mar 25 j 09:27	3°♓39'16	
behind sun end	-3793 Mar 25 j 17:13	4°♓21'41	
asc. node	-3793 Mar 26 j 12:17	6°♓05'53	
evening rise	-3793 Apr 01 j 12:57	19°♓06'14	
	-3793 Apr 06 j 22:24	0°♈	
	-3793 Apr 26 j 21:54	0°♉	
evening max el	-3793 Apr 28 j 11:26	1°♉33'46	25°21'37
desc. node	-3793 May 07 j 20:18	7°♉52'47	
retrograde	-3793 May 12 j 13:04	8°♉44'26	
evening set	-3793 May 17 j 23:05	7°♉35'47	
min. Earth dist.	-3793 May 22 j 23:46	4°♉47'25	0.57925 AU
inferior conj	-3793 May 26 j 03:53	2°♉35'06	-4°-1'-13
minimum elong	-3793 May 26 j 00:05	2°♉41'47	4°00'39
	-3793 May 30 j 03:31	30°℞♈	
morning rise	-3793 Jun 03 j 05:05	28°♈17'57	
direct	-3793 Jun 05 j 16:28	27°♈59'09	
	-3793 Jun 11 j 17:42	0°♉	
morning max el	-3793 Jun 14 j 04:44	1°♉58'49	18°54'47
asc. node	-3793 Jun 22 j 11:54	13°♉01'43	
morning set	-3793 Jun 30 j 18:16	28°♉19'53	
	-3793 Jul 01 j 14:40	0°♊	
superior conj	-3793 Jul 09 j 09:04	15°♊08'44	1°48'50
minimum elong	-3793 Jul 09 j 08:37	15°♊06'35	1°48'58
max. Earth dist.	-3793 Jul 16 j 03:25	27°♊40'35	1.38839 AU
	-3793 Jul 17 j 10:44	0°♋	
evening rise	-3793 Jul 20 j 03:19	4°♋41'56	
desc. node	-3793 Aug 03 j 19:19	28°♋12'41	
	-3793 Aug 05 j 00:17	0°♌	
evening max el	-3793 Aug 24 j 15:51	25°♌10'10	24°24'39
	-3793 Aug 30 j 13:22	0°♍	
retrograde	-3793 Sep 04 j 21:21	1°♍44'59	
	-3793 Sep 09 j 15:35	30°℞♌	
evening set	-3793 Sep 10 j 07:48	29°♌27'16	
min. Earth dist.	-3793 Sep 15 j 01:07	24°♌00'16	0.67248 AU
inferior conj	-3793 Sep 15 j 17:01	23°♌06'47	0°-55'-59
minimum elong	-3793 Sep 15 j 18:20	23°♌02'22	0°55'21
asc. node	-3793 Sep 18 j 11:01	19°♌35'55	
morning rise	-3793 Sep 21 j 05:07	16°♌58'32	
direct	-3793 Sep 24 j 22:32	15°♌38'54	
morning max el	-3793 Oct 02 j 20:55	20°♌16'31	20°25'35
greatest brilliancy	-3793 Oct 09 j 09:51	28°♌10'11	-0.5m
	-3793 Oct 10 j 18:07	0°♍	
morning set	-3793 Oct 30 j 14:52	29°♍37'06	
desc. node	-3793 Oct 30 j 19:00	29°♍53'06	
	-3793 Oct 30 j 20:47	0°♎	
max. Earth dist.	-3793 Nov 09 j 21:31	15°♎49'52	1.43432 AU
superior conj	-3793 Nov 15 j 20:20	25°♎32'06	-1°-30'-46
minimum elong	-3793 Nov 15 j 13:51	25°♎05'18	1°30'17
	-3793 Nov 18 j 12:41	0°♏	
evening rise	-3793 Nov 28 j 10:57	17°♏01'42	
	-3793 Dec 05 j 22:43	0°♐	
asc. node	-3793 Dec 15 j 09:56	13°♐43'58	
evening max el	-3793 Dec 15 j 21:21	14°♐13'34	18°10'14
retrograde	-3793 Dec 22 j 10:46	17°♐42'29	
evening set	-3793 Dec 25 j 04:13	17°♐05'14	
inferior conj	-3793 Dec 31 j 13:55	11°♐49'25	3°54'06
minimum elong	-3793 Dec 31 j 11:56	11°♐54'35	3°53'45
min. Earth dist.	-3792 Jan 03 j 05:57	9°♐02'37	0.62677 AU
morning rise	-3792 Jan 06 j 17:47	5°♐55'17	
direct	-3792 Jan 13 j 19:18	3°♐15'42	
desc. node	-3792 Jan 26 j 18:32	10°♐07'39	
morning max el	-3792 Jan 27 j 16:13	10°♐59'52	27°42'46
	-3792 Feb 11 j 16:37	0°♑	
	-3792 Feb 28 j 22:02	0°♒	
morning set	-3792 Mar 01 j 09:47	2°♒58'43	
max. Earth dist.	-3792 Mar 07 j 01:22	14°♒45'12	1.32987 AU
superior conj	-3792 Mar 08 j 22:30	18°♒47'53	0°-35'-20
minimum elong	-3792 Mar 09 j 00:05	18°♒56'25	0°35'08
asc. node	-3792 Mar 12 j 09:17	26°♒16'08	
	-3792 Mar 14 j 02:52	0°♓	
evening rise	-3792 Mar 16 j 00:38	4°♓03'13	
	-3792 Mar 30 j 03:59	0°♈	
evening max el	-3792 Apr 09 j 03:22	12°♈21'03	23°51'52
retrograde	-3792 Apr 22 j 20:46	19°♈12'33	
desc. node	-3792 Apr 23 j 17:24	19°♈10'52	
evening set	-3792 Apr 26 j 22:48	18°♈35'40	
min. Earth dist.	-3792 May 03 j 14:46	15°♈26'14	0.56280 AU
inferior conj	-3792 May 05 j 21:56	14°♈02'00	-3°-4'-10
minimum elong	-3792 May 05 j 15:56	14°♈11'13	3°02'40
morning rise	-3792 May 14 j 12:49	10°♈01'12	
direct	-3792 May 17 j 00:47	9°♈45'07	
morning max el	-3792 May 27 j 00:22	14°♈22'59	19°53'47
	-3792 Jun 07 j 05:30	0°♉	
asc. node	-3792 Jun 08 j 08:55	2°♉04'38	
morning set	-3792 Jun 13 j 20:34	12°♉45'04	
superior conj	-3792 Jun 21 j 19:42	28°♉51'47	1°42'37
minimum elong	-3792 Jun 21 j 17:44	28°♉42'01	1°42'37
	-3792 Jun 22 j 09:26	0°♊	
max. Earth dist.	-3792 Jun 27 j 06:58	9°♊30'08	1.36967 AU
evening rise	-3792 Jul 01 j 06:13	16°♊51'05	
	-3792 Jul 08 j 20:16	0°♋	
desc. node	-3792 Jul 20 j 16:21	18°♋18'06	
	-3792 Jul 29 j 09:10	0°♌	
evening max el	-3792 Aug 06 j 02:32	8°♌41'11	25°38'38
retrograde	-3792 Aug 18 j 07:04	15°♌42'29	
evening set	-3792 Aug 24 j 08:36	13°♌07'53	
min. Earth dist.	-3792 Aug 28 j 17:07	8°♌18'06	0.66735 AU
inferior conj	-3792 Aug 29 j 20:21	6°♌50'33	-1°-48'-28
minimum elong	-3792 Aug 29 j 22:51	6°♌42'30	1°47'23
asc. node	-3792 Sep 04 j 08:08	1°♌00'44	
morning rise	-3792 Sep 04 j 13:43	0°♌51'34	
	-3792 Sep 06 j 11:20	30°℞♋	
direct	-3792 Sep 07 j 20:42	29°♋48'54	
	-3792 Sep 09 j 06:45	0°♌	
morning max el	-3792 Sep 15 j 01:15	3°♌55'10	19°23'47
greatest brilliancy	-3792 Sep 24 j 18:46	16°♌39'00	-0.7m
	-3792 Oct 03 j 12:38	0°♍	
morning set	-3792 Oct 08 j 17:59	8°♍08'05	
desc. node	-3792 Oct 16 j 15:57	20°♍30'54	
max. Earth dist.	-3792 Oct 22 j 12:11	29°♍43'09	1.44486 AU
	-3792 Oct 22 j 16:27	0°♎	
superior conj	-3792 Oct 25 j 11:59	4°♎28'10	0°-54'-14
minimum elong	-3792 Oct 25 j 05:44	4°♎03'15	0°53'30
evening rise	-3792 Nov 09 j 02:22	28°♎13'22	
	-3792 Nov 10 j 04:03	0°♏	
evening max el	-3792 Nov 28 j 09:49	27°♏34'07	18°28'48
asc. node	-3792 Dec 01 j 07:01	29°♏59'45	
	-3792 Dec 01 j 07:11	0°♐	
retrograde	-3792 Dec 05 j 00:27	1°♐13'28	
evening set	-3792 Dec 07 j 22:11	0°♐26'59	
	-3792 Dec 08 j 16:27	30°℞♏	
inferior conj	-3792 Dec 13 j 23:10	24°♏52'11	3°29'13
minimum elong	-3792 Dec 13 j 20:12	25°♏00'49	3°28'30
min. Earth dist.	-3792 Dec 16 j 00:32	22°♏29'25	0.64311 AU
morning rise	-3792 Dec 19 j 16:53	18°♏48'11	
direct	-3792 Dec 26 j 13:55	15°♏58'10	
morning max el	-3791 Jan 09 j 01:10	23°♏40'20	27°21'41
desc. node	-3791 Jan 12 j 15:33	27°♏30'37	
	-3791 Jan 14 j 18:28	0°♐	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3791 Feb 03 j 23:38	0°♉	
morning set	-3791 Feb 13 j 04:06	16°♉57'34	
max. Earth dist.	-3791 Feb 18 j 02:39	26°♉55'25	1.33760 AU
	-3791 Feb 19 j 14:05	0°♒	
superior conj	-3791 Feb 21 j 04:23	3°♒21'45	0°-59'-38
minimum elong	-3791 Feb 21 j 06:55	3°♒35'13	0°59'20
asc. node	-3791 Feb 27 j 06:17	16°♒18'22	
evening rise	-3791 Feb 28 j 11:40	18°♒52'48	
	-3791 Mar 06 j 00:33	0°♓	
evening max el	-3791 Mar 21 j 21:05	23°♓04'48	22°17'48
retrograde	-3791 Apr 03 j 16:44	29°♓19'38	
evening set	-3791 Apr 06 j 15:15	29°♓00'35	
desc. node	-3791 Apr 10 j 14:29	27°♓40'50	
min. Earth dist.	-3791 Apr 15 j 04:44	25°♓17'32	0.55306 AU
inferior conj	-3791 Apr 15 j 23:14	24°♓51'19	-1°-27'-59
minimum elong	-3791 Apr 15 j 19:18	24°♓56'53	1°26'44
morning rise	-3791 Apr 25 j 01:11	20°♓54'09	
direct	-3791 Apr 27 j 17:06	20°♓38'01	
morning max el	-3791 May 09 j 09:22	26°♓06'52	21°12'07
	-3791 May 13 j 00:36	0°♈	
asc. node	-3791 May 26 j 05:55	21°♈34'06	
morning set	-3791 May 29 j 04:08	27°♈29'01	
	-3791 May 30 j 09:21	0°♉	
superior conj	-3791 Jun 05 j 16:36	13°♉08'04	1°29'58
minimum elong	-3791 Jun 05 j 13:59	12°♉54'33	1°29'46
max. Earth dist.	-3791 Jun 09 j 17:28	21°♉20'01	1.35364 AU
evening rise	-3791 Jun 14 j 04:15	29°♉59'08	
	-3791 Jun 14 j 04:26	0°♊	
	-3791 Jul 01 j 22:56	0°♋	
desc. node	-3791 Jul 07 j 13:23	7°♋58'32	
evening max el	-3791 Jul 19 j 13:36	22°♋11'05	26°38'16
retrograde	-3791 Aug 01 j 12:02	29°♋28'29	
evening set	-3791 Aug 08 j 02:57	26°♋43'14	
min. Earth dist.	-3791 Aug 12 j 03:25	22°♋32'04	0.65866 AU
inferior conj	-3791 Aug 13 j 19:13	20°♋32'15	-2°-37'-55
minimum elong	-3791 Aug 13 j 22:39	20°♋21'54	2°36'39
morning rise	-3791 Aug 19 j 19:23	14°♋45'38	
asc. node	-3791 Aug 22 j 05:12	13°♋58'11	
direct	-3791 Aug 22 j 18:14	13°♋56'32	
morning max el	-3791 Aug 29 j 11:30	17°♋40'25	18°37'27
	-3791 Sep 07 j 15:56	0°♌	
morning set	-3791 Sep 18 j 19:41	17°♌47'46	
	-3791 Sep 26 j 10:35	0°♍	
desc. node	-3791 Oct 03 j 12:55	11°♍14'05	
superior conj	-3791 Oct 04 j 12:07	12°♍45'33	0°-6'-9
minimum elong	-3791 Oct 04 j 11:19	12°♍42'22	0°06'00
behind sun begin	-3791 Oct 04 j 00:37	12°♍00'15	
behind sun end	-3791 Oct 04 j 22:00	13°♍24'29	
max. Earth dist.	-3791 Oct 05 j 05:49	13°♍55'15	1.44845 AU
	-3791 Oct 15 j 10:38	0°♎	
evening rise	-3791 Oct 20 j 17:24	8°♎22'22	
	-3791 Nov 03 j 11:57	0°♏	
evening max el	-3791 Nov 11 j 20:11	10°♏59'22	19°04'53
asc. node	-3791 Nov 18 j 04:06	14°♏55'42	
retrograde	-3791 Nov 18 j 19:12	14°♏57'57	
evening set	-3791 Nov 21 j 23:04	14°♏00'09	
inferior conj	-3791 Nov 27 j 17:26	8°♏09'28	2°53'06
minimum elong	-3791 Nov 27 j 14:19	8°♏19'15	2°52'07
min. Earth dist.	-3791 Nov 29 j 04:33	6°♏19'25	0.65602 AU
morning rise	-3791 Dec 03 j 04:36	1°♏58'22	
	-3791 Dec 06 j 02:45	30°℞♎	
direct	-3791 Dec 09 j 15:05	29°♎11'39	
	-3791 Dec 13 j 09:47	0°♏	
morning max el	-3791 Dec 22 j 10:54	6°♏41'36	26°30'39
desc. node	-3791 Dec 30 j 12:35	15°♏57'48	
	-3790 Jan 09 j 13:45	0°♐	
morning set	-3790 Jan 27 j 10:35	0°♉15'49	
	-3790 Jan 27 j 07:13	0°♉	
max. Earth dist.	-3790 Jan 31 j 16:38	8°♉28'52	1.34973 AU
superior conj	-3790 Feb 05 j 04:19	17°♉32'44	-1°-21'-47
minimum elong	-3790 Feb 05 j 07:27	17°♉48'49	1°21'31
	-3790 Feb 11 j 03:57	0°♒	
evening rise	-3790 Feb 12 j 20:15	3°♒28'55	
asc. node	-3790 Feb 14 j 03:17	6°♒07'57	
	-3790 Feb 28 j 03:33	0°♓	
evening max el	-3790 Mar 03 j 22:41	4°♓11'02	20°51'50
retrograde	-3790 Mar 15 j 06:22	9°♓34'56	
evening set	-3790 Mar 17 j 15:18	9°♓21'37	
inferior conj	-3790 Mar 26 j 18:29	5°♓23'55	0°28'28
minimum elong	-3790 Mar 26 j 19:47	5°♓22'03	0°27'58
min. Earth dist.	-3790 Mar 27 j 18:59	4°♓48'48	0.55237 AU
desc. node	-3790 Mar 28 j 11:35	4°♓25'15	
morning rise	-3790 Apr 04 j 22:56	1°♓12'05	
direct	-3790 Apr 08 j 05:03	0°♓49'00	
morning max el	-3790 Apr 21 j 08:02	7°♓10'43	22°45'25
	-3790 May 07 j 08:50	0°♈	
asc. node	-3790 May 13 j 02:53	11°♈22'41	
morning set	-3790 May 13 j 14:52	12°♈24'58	
superior conj	-3790 May 20 j 20:31	27°♈46'54	1°12'37
minimum elong	-3790 May 20 j 17:55	27°♈33'07	1°12'17
	-3790 May 21 j 21:41	0°♉	
max. Earth dist.	-3790 May 23 j 13:53	3°♉30'40	1.34125 AU
evening rise	-3790 May 28 j 16:18	13°♉50'54	
	-3790 Jun 06 j 09:38	0°♊	
desc. node	-3790 Jun 24 j 10:26	27°♊02'36	
	-3790 Jun 26 j 21:11	0°♋	
evening max el	-3790 Jul 02 j 00:54	5°♋30'40	27°15'46
retrograde	-3790 Jul 15 j 11:38	12°♋54'12	
evening set	-3790 Jul 22 j 12:06	10°♋08'18	
min. Earth dist.	-3790 Jul 26 j 05:52	6°♋34'19	0.64623 AU
inferior conj	-3790 Jul 28 j 11:18	4°♋06'50	-3°-21'-54
minimum elong	-3790 Jul 28 j 15:08	3°♋56'13	3°20'48
	-3790 Aug 01 j 14:59	30°℞♊	
morning rise	-3790 Aug 03 j 19:43	28°♊35'41	
direct	-3790 Aug 06 j 12:52	27°♊56'53	
asc. node	-3790 Aug 09 j 02:16	28°♊31'11	
	-3790 Aug 11 j 11:02	0°♋	
morning max el	-3790 Aug 13 j 01:20	1°♋26'44	18°07'55
morning set	-3790 Aug 31 j 00:49	28°♋46'23	
	-3790 Aug 31 j 18:20	0°♌	
superior conj	-3790 Sep 13 j 18:41	21°♌25'43	0°41'28
minimum elong	-3790 Sep 13 j 23:19	21°♌44'18	0°40'58
max. Earth dist.	-3790 Sep 17 j 23:16	28°♌07'11	1.44474 AU
	-3790 Sep 19 j 03:45	0°♍	
desc. node	-3790 Sep 20 j 09:53	1°♍58'52	
evening rise	-3790 Sep 30 j 09:07	17°♍32'20	
	-3790 Oct 08 j 11:24	0°♎	
greatest brilliancy	-3790 Oct 18 j 16:40	15°♎09'37	-0.6m
evening max el	-3790 Oct 26 j 02:20	24°♎26'07	19°56'56
retrograde	-3790 Nov 02 j 16:09	28°♎51'47	
asc. node	-3790 Nov 05 j 01:11	28°♎19'01	
evening set	-3790 Nov 06 j 04:22	27°♎40'01	
inferior conj	-3790 Nov 11 j 17:53	21°♎36'40	2°09'20
minimum elong	-3790 Nov 11 j 15:14	21°♎45'27	2°08'20
min. Earth dist.	-3790 Nov 12 j 16:10	20°♎22'53	0.66536 AU
morning rise	-3790 Nov 17 j 01:27	15°♎21'13	
direct	-3790 Nov 22 j 21:54	12°♎48'07	
morning max el	-3790 Dec 04 j 19:44	19°♎52'06	25°18'17

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3790 Dec 13 j 12:38	0°♏	
desc. node	-3790 Dec 17 j 09:37	5°♏10'21	
	-3789 Jan 02 j 16:57	0°♐	
morning set	-3789 Jan 10 j 00:20	12°♐39'17	
max. Earth dist.	-3789 Jan 13 j 19:10	19°♐36'29	1.36628 AU
	-3789 Jan 19 j 04:46	0°♑	
superior conj	-3789 Jan 19 j 19:31	1°♑12'54	-1°-40'-4
minimum elong	-3789 Jan 19 j 22:32	1°♑27'48	1°39'57
evening rise	-3789 Jan 28 j 00:25	17°♑45'48	
asc. node	-3789 Feb 01 j 00:18	25°♑39'41	
	-3789 Feb 03 j 07:53	0°♒	
evening max el	-3789 Feb 14 j 10:50	15°♒52'31	19°41'32
retrograde	-3789 Feb 24 j 01:43	20°♒26'29	
evening set	-3789 Feb 26 j 09:06	20°♒11'55	
inferior conj	-3789 Mar 06 j 21:50	16°♒08'37	2°12'55
minimum elong	-3789 Mar 07 j 02:36	16°♒01'05	2°11'26
min. Earth dist.	-3789 Mar 09 j 09:31	14°♒34'46	0.56087 AU
desc. node	-3789 Mar 15 j 08:42	11°♒35'50	
morning rise	-3789 Mar 15 j 16:41	11°♒29'16	
direct	-3789 Mar 20 j 00:54	10°♒47'01	
morning max el	-3789 Apr 02 j 23:57	17°♒48'40	24°24'38
	-3789 Apr 12 j 23:27	0°♓	
morning set	-3789 Apr 28 j 03:04	27°♓27'13	
	-3789 Apr 29 j 07:59	0°♈	
asc. node	-3789 Apr 29 j 23:54	1°♈24'48	
superior conj	-3789 May 05 j 05:00	12°♈40'27	0°51'54
minimum elong	-3789 May 05 j 02:54	12°♈29'09	0°51'33
max. Earth dist.	-3789 May 06 j 19:26	16°♈07'32	1.33257 AU
evening rise	-3789 May 12 j 14:19	28°♈13'55	
	-3789 May 13 j 11:24	0°♉	
	-3789 May 30 j 14:57	0°♊	
desc. node	-3789 Jun 11 j 07:29	15°♊15'04	
evening max el	-3789 Jun 14 j 10:42	18°♊28'16	27°24'35
retrograde	-3789 Jun 28 j 05:05	25°♊51'26	
evening set	-3789 Jul 05 j 08:38	23°♊17'47	
min. Earth dist.	-3789 Jul 08 j 22:50	20°♊14'56	0.63016 AU
inferior conj	-3789 Jul 11 j 17:54	17°♊28'52	-3°-56'-58
minimum elong	-3789 Jul 11 j 21:14	17°♊20'34	3°56'17
morning rise	-3789 Jul 18 j 11:59	12°♊16'20	
direct	-3789 Jul 21 j 01:40	11°♊45'07	
asc. node	-3789 Jul 26 j 23:21	14°♊29'28	
morning max el	-3789 Jul 27 j 16:14	15°♊09'16	17°56'13
	-3789 Aug 07 j 00:22	0°♋	
morning set	-3789 Aug 13 j 05:47	10°♋53'16	
	-3789 Aug 24 j 06:42	0°♌	
superior conj	-3789 Aug 25 j 01:03	1°♌17'01	1°17'55
minimum elong	-3789 Aug 25 j 06:40	1°♌40'33	1°17'29
max. Earth dist.	-3789 Aug 31 j 14:03	12°♌02'56	1.43433 AU
desc. node	-3789 Sep 07 j 06:51	22°♌42'13	
evening rise	-3789 Sep 09 j 13:22	26°♌14'43	
	-3789 Sep 11 j 23:43	0°♍	
	-3789 Oct 02 j 12:40	0°♎	
greatest brilliancy	-3789 Oct 03 j 14:43	1°♎25'02	-0.5m
evening max el	-3789 Oct 09 j 02:44	7°♎52'33	21°02'32
retrograde	-3789 Oct 17 j 13:09	12°♎52'03	
evening set	-3789 Oct 21 j 11:58	11°♎23'38	
asc. node	-3789 Oct 22 j 22:19	10°♎07'57	
inferior conj	-3789 Oct 26 j 22:16	5°♎10'53	1°20'26
minimum elong	-3789 Oct 26 j 20:29	5°♎16'58	1°19'41
min. Earth dist.	-3789 Oct 27 j 09:04	4°♎33'54	0.67131 AU
	-3789 Oct 31 j 00:58	30°℞♍	
morning rise	-3789 Nov 01 j 04:37	28°♍53'44	
direct	-3789 Nov 06 j 09:41	26°♍40'23	
	-3789 Nov 13 j 18:52	0°♎	
morning max el	-3789 Nov 17 j 04:28	3°♎06'23	23°54'15
desc. node	-3789 Dec 04 j 06:37	24°♎54'48	
	-3789 Dec 07 j 17:31	0°♏	
morning set	-3789 Dec 22 j 15:14	23°♏50'59	
	-3789 Dec 26 j 04:11	0°♐	
max. Earth dist.	-3789 Dec 26 j 15:27	0°♐49'55	1.38616 AU
superior conj	-3788 Jan 02 j 22:11	14°♐11'15	-1°-52'-6
minimum elong	-3788 Jan 02 j 23:58	14°♐19'38	1°52'11
	-3788 Jan 11 j 02:02	0°♑	
evening rise	-3788 Jan 11 j 21:44	1°♑36'27	
asc. node	-3788 Jan 18 j 21:22	14°♑46'42	
evening max el	-3788 Jan 28 j 08:53	28°♑08'06	18°50'14
	-3788 Jan 30 j 14:38	0°♒	
retrograde	-3788 Feb 05 j 13:30	2°♒05'02	
evening set	-3788 Feb 07 j 23:22	1°♒45'53	
	-3788 Feb 11 j 23:50	30°℞♑	
inferior conj	-3788 Feb 15 j 19:05	27°♑25'18	3°23'17
minimum elong	-3788 Feb 15 j 23:20	27°♑17'31	3°22'20
min. Earth dist.	-3788 Feb 19 j 01:18	25°♑03'29	0.57653 AU
morning rise	-3788 Feb 23 j 19:34	22°♑16'50	
direct	-3788 Feb 29 j 09:11	21°♑01'55	
desc. node	-3788 Mar 01 j 05:49	21°♑03'43	
morning max el	-3788 Mar 14 j 15:15	28°♑26'43	25°55'52
	-3788 Mar 16 j 04:21	0°♒	
	-3788 Apr 05 j 09:12	0°♓	
morning set	-3788 Apr 11 j 14:56	12°♓28'32	
asc. node	-3788 Apr 15 j 20:54	21°♓34'32	
superior conj	-3788 Apr 18 j 15:59	27°♓40'38	0°28'50
minimum elong	-3788 Apr 18 j 14:44	27°♓33'50	0°28'34
max. Earth dist.	-3788 Apr 19 j 06:50	29°♓01'45	1.32737 AU
	-3788 Apr 19 j 17:31	0°♈	
evening rise	-3788 Apr 25 j 19:03	12°♈56'23	
	-3788 May 04 j 14:50	0°♉	
	-3788 May 25 j 19:39	0°♊	
evening max el	-3788 May 26 j 16:11	0°♊50'10	27°00'57
desc. node	-3788 May 28 j 04:35	2°♊13'38	
retrograde	-3788 Jun 09 j 15:26	8°♊10'57	
evening set	-3788 Jun 16 j 12:25	6°♊03'17	
min. Earth dist.	-3788 Jun 20 j 05:42	3°♊19'30	0.61100 AU
inferior conj	-3788 Jun 23 j 11:38	0°♊29'56	-4°-17'-46
minimum elong	-3788 Jun 23 j 13:08	0°♊26'37	4°17'34
	-3788 Jun 24 j 01:22	30°℞♉	
morning rise	-3788 Jun 30 j 16:47	25°♉38'48	
direct	-3788 Jul 03 j 04:50	25°♉13'18	
morning max el	-3788 Jul 10 j 05:28	28°♉41'23	18°03'25
	-3788 Jul 11 j 11:41	0°♊	
asc. node	-3788 Jul 12 j 20:27	1°♊37'19	
morning set	-3788 Jul 26 j 05:02	23°♊53'24	
	-3788 Jul 29 j 12:31	0°♋	
superior conj	-3788 Aug 05 j 11:03	12°♋31'03	1°39'49
minimum elong	-3788 Aug 05 j 14:33	12°♋46'28	1°39'45
max. Earth dist.	-3788 Aug 12 j 23:45	25°♋25'44	1.41854 AU
	-3788 Aug 15 j 18:12	0°♌	
evening rise	-3788 Aug 19 j 01:52	5°♌21'50	
desc. node	-3788 Aug 24 j 03:49	13°♌20'59	
	-3788 Sep 04 j 07:20	0°♍	
greatest brilliancy	-3788 Sep 16 j 03:26	15°♍58'31	-0.3m
evening max el	-3788 Sep 20 j 20:56	21°♍18'14	22°18'07
retrograde	-3788 Sep 30 j 08:30	26°♍56'15	
evening set	-3788 Oct 04 j 19:59	25°♍09'00	
asc. node	-3788 Oct 08 j 19:27	20°♍43'38	
inferior conj	-3788 Oct 10 j 04:37	18°♍50'17	0°28'22
minimum elong	-3788 Oct 10 j 03:57	18°♍52'34	0°28'07
min. Earth dist.	-3788 Oct 10 j 04:54	18°♍49'16	0.67412 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3788 Oct 15 j 11:48	12°♍34'13	
direct	-3788 Oct 20 j 01:45	10°♍42'41	
morning max el	-3788 Oct 29 j 15:54	16°♍25'02	22°28'00
greatest brilliancy	-3788 Nov 03 j 08:32	21°♍42'19	-0.3m
	-3788 Nov 09 j 17:16	0°♎	
desc. node	-3788 Nov 20 j 03:37	15°♎01'54	
	-3788 Nov 29 j 19:33	0°♏	
morning set	-3788 Dec 02 j 02:07	3°♏39'52	
max. Earth dist.	-3788 Dec 07 j 13:08	12°♏42'52	1.40687 AU
superior conj	-3788 Dec 15 j 07:26	26°♏15'02	-1°-54'-44
minimum elong	-3788 Dec 15 j 06:31	26°♏10'53	1°54'52
	-3788 Dec 17 j 09:09	0°♐	
evening rise	-3788 Dec 25 j 09:15	14°♐53'55	
	-3787 Jan 02 j 16:46	0°♑	
asc. node	-3787 Jan 04 j 18:26	3°♑20'57	
evening max el	-3787 Jan 10 j 14:36	10°♑51'52	18°19'05
retrograde	-3787 Jan 17 j 19:57	14°♑27'23	
evening set	-3787 Jan 20 j 08:32	14°♑02'07	
inferior conj	-3787 Jan 27 j 12:55	9°♑20'10	3°56'53
minimum elong	-3787 Jan 27 j 14:32	9°♑16'42	3°56'37
min. Earth dist.	-3787 Jan 30 j 21:23	6°♑30'11	0.59602 AU
morning rise	-3787 Feb 03 j 17:22	3°♑48'40	
direct	-3787 Feb 10 j 05:42	1°♑54'51	
desc. node	-3787 Feb 16 j 02:56	3°♑21'37	
morning max el	-3787 Feb 24 j 11:19	9°♑32'08	27°04'04
	-3787 Mar 12 j 04:25	0°♒	
morning set	-3787 Mar 27 j 00:45	27°♒22'39	
	-3787 Mar 28 j 06:47	0°♓	
asc. node	-3787 Apr 02 j 17:54	11°♓47'40	
superior conj	-3787 Apr 03 j 03:44	12°♓41'30	0°04'18
minimum elong	-3787 Apr 03 j 03:33	12°♓40'27	0°04'12
behind sun begin	-3787 Apr 02 j 22:42	12°♓13'56	
behind sun end	-3787 Apr 03 j 08:24	13°♓06'58	
max. Earth dist.	-3787 Apr 02 j 20:17	12°♓00'38	1.32553 AU
evening rise	-3787 Apr 10 j 04:01	27°♓49'54	
	-3787 Apr 11 j 05:01	0°♈	
	-3787 Apr 28 j 06:08	0°♉	
evening max el	-3787 May 08 j 15:21	12°♉28'52	26°05'27
desc. node	-3787 May 15 j 01:41	17°♉28'00	
retrograde	-3787 May 22 j 17:26	19°♉45'43	
evening set	-3787 May 28 j 19:35	18°♉14'34	
min. Earth dist.	-3787 Jun 02 j 04:01	15°♉32'46	0.59048 AU
inferior conj	-3787 Jun 05 j 12:47	13°♉00'15	-4°-16'-16
minimum elong	-3787 Jun 05 j 11:04	13°♉03'31	4°16'04
morning rise	-3787 Jun 13 j 06:23	8°♉31'36	
direct	-3787 Jun 15 j 17:48	8°♉10'42	
morning max el	-3787 Jun 23 j 14:07	11°♉54'43	18°30'18
asc. node	-3787 Jun 29 j 17:30	19°♉39'27	
	-3787 Jul 05 j 17:51	0°♊	
morning set	-3787 Jul 09 j 17:37	7°♊33'43	
superior conj	-3787 Jul 18 j 20:22	24°♊55'29	1°48'37
minimum elong	-3787 Jul 18 j 21:12	24°♊59'18	1°48'45
	-3787 Jul 21 j 14:44	0°♋	
max. Earth dist.	-3787 Jul 26 j 03:32	8°♋03'24	1.39959 AU
evening rise	-3787 Jul 30 j 13:15	15°♋34'21	
	-3787 Aug 08 j 12:29	0°♌	
desc. node	-3787 Aug 11 j 00:48	3°♌50'57	
	-3787 Aug 30 j 02:10	0°♍	
evening max el	-3787 Sep 03 j 10:11	4°♍44'33	23°38'39
retrograde	-3787 Sep 14 j 00:54	11°♍00'50	
evening set	-3787 Sep 19 j 02:38	8°♍53'59	
inferior conj	-3787 Sep 24 j 11:10	2°♍32'54	0°-25'-10
minimum elong	-3787 Sep 24 j 11:45	2°♍30'53	0°24'50
min. Earth dist.	-3787 Sep 24 j 01:14	3°♍06'50	0.67393 AU
asc. node	-3787 Sep 25 j 16:36	0°♍53'22	
	-3787 Sep 26 j 09:00	30°℞♌	
morning rise	-3787 Sep 29 j 20:59	26°♌20'47	
direct	-3787 Oct 03 j 21:15	24°♌50'19	
morning max el	-3787 Oct 12 j 08:56	29°♌50'13	21°07'12
	-3787 Oct 12 j 12:45	0°♍	
greatest brilliancy	-3787 Oct 17 j 22:06	6°♍19'12	-0.5m
	-3787 Nov 03 j 11:26	0°♎	
desc. node	-3787 Nov 07 j 00:33	5°♎24'29	
morning set	-3787 Nov 11 j 10:32	12°♎15'23	
max. Earth dist.	-3787 Nov 19 j 16:50	25°♎27'23	1.42553 AU
	-3787 Nov 22 j 11:08	0°♏	
superior conj	-3787 Nov 26 j 17:28	7°♏09'45	-1°-44'-11
minimum elong	-3787 Nov 26 j 12:46	6°♏49'49	1°44'00
evening rise	-3787 Dec 08 j 07:07	27°♏29'19	
	-3787 Dec 09 j 16:40	0°♐	
asc. node	-3787 Dec 22 j 15:31	21°♐11'55	
evening max el	-3787 Dec 25 j 01:11	23°♐55'44	18°07'56
retrograde	-3787 Dec 31 j 17:49	27°♐23'39	
evening set	-3786 Jan 03 j 09:15	26°♐51'14	
inferior conj	-3786 Jan 10 j 01:02	21°♐47'39	4°01'19
minimum elong	-3786 Jan 10 j 00:06	21°♐49'55	4°01'08
min. Earth dist.	-3786 Jan 13 j 00:53	18°♐53'16	0.61602 AU
morning rise	-3786 Jan 16 j 12:36	16°♐00'16	
direct	-3786 Jan 23 j 12:32	13°♐33'14	
desc. node	-3786 Feb 03 j 00:01	18°♐06'17	
morning max el	-3786 Feb 06 j 13:37	21°♐17'05	27°39'04
	-3786 Feb 14 j 04:50	0°♑	
	-3786 Mar 05 j 03:04	0°♒	
morning set	-3786 Mar 11 j 06:32	12°♒02'36	
max. Earth dist.	-3786 Mar 17 j 07:58	24°♒50'58	1.32714 AU
superior conj	-3786 Mar 18 j 14:38	27°♒37'23	0°-20'-53
minimum elong	-3786 Mar 18 j 15:35	27°♒42'32	0°20'48
	-3786 Mar 19 j 16:49	0°♓	
asc. node	-3786 Mar 20 j 14:54	2°♓00'20	
evening rise	-3786 Mar 25 j 15:12	12°♓47'34	
	-3786 Apr 03 j 10:04	0°♈	
evening max el	-3786 Apr 20 j 08:58	23°♈30'32	24°44'58
	-3786 Apr 30 j 10:32	0°♉	
desc. node	-3786 May 01 j 22:48	0°♉22'09	
retrograde	-3786 May 04 j 08:56	0°♉35'46	
	-3786 May 08 j 07:40	30°℞♈	
evening set	-3786 May 09 j 05:21	29°♈42'09	
min. Earth dist.	-3786 May 14 j 21:05	26°♈46'03	0.57152 AU
inferior conj	-3786 May 17 j 18:28	24°♈52'11	-3°-42'-7
minimum elong	-3786 May 17 j 13:22	25°♈00'38	3°41'08
morning rise	-3786 May 26 j 01:32	20°♈43'09	
direct	-3786 May 28 j 12:46	20°♈25'50	
morning max el	-3786 Jun 06 j 15:19	24°♈40'18	19°17'28
	-3786 Jun 11 j 06:11	0°♉	
asc. node	-3786 Jun 16 j 14:31	8°♉23'34	
morning set	-3786 Jun 23 j 15:48	21°♉45'10	
	-3786 Jun 27 j 19:00	0°♊	
superior conj	-3786 Jul 01 j 23:15	8°♊14'28	1°47'07
minimum elong	-3786 Jul 01 j 22:03	8°♊08'37	1°47'13
max. Earth dist.	-3786 Jul 08 j 05:09	20°♊03'29	1.38013 AU
evening rise	-3786 Jul 12 j 02:47	27°♊04'08	
	-3786 Jul 13 j 19:08	0°♋	
desc. node	-3786 Jul 28 j 21:49	24°♋07'26	
	-3786 Aug 02 j 00:05	0°♌	
evening max el	-3786 Aug 16 j 21:11	18°♌14'39	24°57'20
retrograde	-3786 Aug 28 j 13:21	25°♌02'35	
evening set	-3786 Sep 03 j 06:09	22°♌37'19	
min. Earth dist.	-3786 Sep 07 j 19:38	17°♌25'36	0.67069 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3786 Sep 08 j 16:12	16°♌17'32	-1°-18'-29
minimum elong	-3786 Sep 08 j 18:03	16°♌11'27	1°17'38
asc. node	-3786 Sep 12 j 13:41	11°♌37'20	
morning rise	-3786 Sep 14 j 06:21	10°♌12'34	
direct	-3786 Sep 17 j 18:58	9°♌00'36	
morning max el	-3786 Sep 25 j 09:07	13°♌24'14	19°57'25
greatest brilliancy	-3786 Oct 02 j 22:37	22°♌48'26	-0.6m
	-3786 Oct 07 j 22:11	0°♍	
morning set	-3786 Oct 21 j 08:34	20°♍28'03	
desc. node	-3786 Oct 24 j 21:30	25°♍58'07	
	-3786 Oct 27 j 11:20	0°♎	
max. Earth dist.	-3786 Nov 02 j 03:40	8°♎59'03	1.43964 AU
superior conj	-3786 Nov 07 j 00:13	16°♎47'43	-1°-17'-13
minimum elong	-3786 Nov 06 j 17:09	16°♎19'04	1°16'31
	-3786 Nov 15 j 00:11	0°♏	
evening rise	-3786 Nov 20 j 10:58	9°♏14'14	
	-3786 Dec 02 j 23:18	0°♐	
evening max el	-3786 Dec 08 j 13:49	7°♐12'35	18°15'57
asc. node	-3786 Dec 09 j 12:35	8°♐07'02	
retrograde	-3786 Dec 15 j 02:48	10°♐44'33	
evening set	-3786 Dec 17 j 21:53	10°♐03'38	
inferior conj	-3786 Dec 24 j 03:39	4°♐39'43	3°45'10
minimum elong	-3786 Dec 24 j 01:07	4°♐46'38	3°44'40
min. Earth dist.	-3786 Dec 26 j 13:39	2°♐01'23	0.63418 AU
	-3786 Dec 28 j 14:05	30°℞♏	
morning rise	-3786 Dec 30 j 02:43	28°♏41'07	
direct	-3785 Jan 06 j 03:27	25°♏54'52	
	-3785 Jan 15 j 17:37	0°♐	
morning max el	-3785 Jan 19 j 20:39	3°♐39'25	27°37'46
desc. node	-3785 Jan 20 j 21:04	4°♐41'05	
	-3785 Feb 08 j 15:51	0°♑	
morning set	-3785 Feb 23 j 05:51	26°♑19'17	
	-3785 Feb 25 j 01:36	0°♒	
max. Earth dist.	-3785 Feb 28 j 13:58	7°♒18'26	1.33258 AU
superior conj	-3785 Mar 02 j 22:53	12°♒21'30	0°-45'-49
minimum elong	-3785 Mar 03 j 00:55	12°♒32'19	0°45'34
asc. node	-3785 Mar 07 j 11:53	22°♒07'50	
evening rise	-3785 Mar 10 j 02:47	27°♒42'08	
	-3785 Mar 11 j 05:12	0°♓	
	-3785 Mar 29 j 02:53	0°♈	
evening max el	-3785 Apr 02 j 01:01	4°♈13'36	23°11'43
retrograde	-3785 Apr 15 j 11:17	10°♈51'22	
desc. node	-3785 Apr 18 j 19:55	10°♈26'39	
evening set	-3785 Apr 19 j 00:04	10°♈24'05	
min. Earth dist.	-3785 Apr 26 j 11:42	7°♈02'03	0.55761 AU
inferior conj	-3785 Apr 28 j 04:36	6°♈02'04	-2°-27'-36
minimum elong	-3785 Apr 27 j 22:53	6°♈10'29	2°25'58
morning rise	-3785 May 07 j 00:43	2°♈04'22	
direct	-3785 May 09 j 13:34	1°♈48'44	
morning max el	-3785 May 20 j 06:30	6°♈47'46	20°24'52
asc. node	-3785 Jun 03 j 11:30	27°♈38'45	
	-3785 Jun 04 j 16:45	0°♉	
morning set	-3785 Jun 07 j 20:36	6°♉19'05	
superior conj	-3785 Jun 15 j 14:41	22°♉12'42	1°37'55
minimum elong	-3785 Jun 15 j 12:21	22°♉00'53	1°37'50
	-3785 Jun 19 j 12:29	0°♊	
max. Earth dist.	-3785 Jun 20 j 11:02	1°♊49'48	1.36246 AU
evening rise	-3785 Jun 24 j 14:30	9°♊40'24	
	-3785 Jul 06 j 10:14	0°♋	
desc. node	-3785 Jul 15 j 18:51	14°♋03'16	
	-3785 Jul 28 j 14:02	0°♌	
evening max el	-3785 Jul 30 j 08:08	1°♌46'41	26°06'18
retrograde	-3785 Aug 11 j 21:02	8°♌55'44	
evening set	-3785 Aug 18 j 04:29	6°♌16'02	
min. Earth dist.	-3785 Aug 22 j 09:35	1°♌42'20	0.66410 AU
inferior conj	-3785 Aug 23 j 17:54	0°♌01'03	-2°-9'-55
minimum elong	-3785 Aug 23 j 20:50	29°♋51'50	2°08'43
	-3785 Aug 23 j 18:14	30°℞♋	
morning rise	-3785 Aug 29 j 13:56	24°♋06'40	
asc. node	-3785 Aug 30 j 10:46	23°♋39'41	
direct	-3785 Sep 01 j 17:14	23°♋10'02	
morning max el	-3785 Sep 08 j 16:05	27°♋05'42	19°02'03
	-3785 Sep 11 j 05:41	0°♌	
morning set	-3785 Sep 30 j 19:52	29°♌25'00	
	-3785 Oct 01 j 04:44	0°♍	
desc. node	-3785 Oct 11 j 18:27	16°♍38'52	
max. Earth dist.	-3785 Oct 15 j 20:05	23°♍03'24	1.44733 AU
superior conj	-3785 Oct 17 j 07:08	25°♍21'43	0°-34'-38
minimum elong	-3785 Oct 17 j 02:43	25°♍04'18	0°34'04
	-3785 Oct 20 j 05:27	0°♎	
evening rise	-3785 Nov 01 j 16:20	20°♎00'16	
	-3785 Nov 07 j 19:38	0°♏	
evening max el	-3785 Nov 22 j 01:48	20°♏36'47	18°42'06
asc. node	-3785 Nov 26 j 09:40	23°♏51'35	
retrograde	-3785 Nov 28 j 18:59	24°♏22'50	
evening set	-3785 Dec 01 j 19:11	23°♏31'42	
inferior conj	-3785 Dec 07 j 17:07	17°♏49'50	3°15'01
minimum elong	-3785 Dec 07 j 14:00	17°♏59'14	3°14'09
min. Earth dist.	-3785 Dec 09 j 12:16	15°♏40'26	0.64912 AU
morning rise	-3785 Dec 13 j 07:42	11°♏42'48	
direct	-3785 Dec 20 j 00:57	8°♏52'43	
morning max el	-3784 Jan 02 j 06:03	16°♏30'17	27°03'08
desc. node	-3784 Jan 07 j 18:05	22°♏34'39	
	-3784 Jan 13 j 12:32	0°♐	
	-3784 Feb 01 j 10:30	0°♑	
morning set	-3784 Feb 06 j 19:39	10°♑02'48	
max. Earth dist.	-3784 Feb 11 j 10:48	19°♑13'56	1.34226 AU
superior conj	-3784 Feb 15 j 02:35	26°♑47'17	-1°-9'-23
minimum elong	-3784 Feb 15 j 05:26	27°♑02'13	1°09'04
	-3784 Feb 16 j 15:14	0°♒	
asc. node	-3784 Feb 22 j 08:54	12°♒05'54	
evening rise	-3784 Feb 22 j 13:03	12°♒27'31	
	-3784 Mar 02 j 16:03	0°♓	
evening max el	-3784 Mar 13 j 21:35	15°♓04'53	21°39'39
retrograde	-3784 Mar 26 j 02:49	20°♓58'25	
evening set	-3784 Mar 28 j 18:02	20°♓42'50	
desc. node	-3784 Apr 04 j 17:01	17°♓59'08	
inferior conj	-3784 Apr 07 j 01:37	16°♓40'52	0°-39'-15
minimum elong	-3784 Apr 06 j 23:47	16°♓43'26	0°38'39
min. Earth dist.	-3784 Apr 07 j 01:29	16°♓41'02	0.55167 AU
morning rise	-3784 Apr 16 j 06:02	12°♓39'52	
direct	-3784 Apr 19 j 02:46	12°♓21'46	
morning max el	-3784 May 01 j 10:44	18°♓13'17	21°50'21
	-3784 May 10 j 19:54	0°♈	
asc. node	-3784 May 20 j 08:30	17°♈17'15	
morning set	-3784 May 22 j 05:46	21°♈08'58	
	-3784 May 26 j 10:59	0°♉	
superior conj	-3784 May 29 j 14:53	6°♉39'23	1°23'05
minimum elong	-3784 May 29 j 12:12	6°♉25'22	1°22'49
max. Earth dist.	-3784 Jun 02 j 01:57	13°♉48'08	1.34796 AU
evening rise	-3784 Jun 06 j 19:04	23°♉08'29	
	-3784 Jun 10 j 10:33	0°♊	
	-3784 Jun 29 j 01:49	0°♋	
desc. node	-3784 Jul 01 j 15:53	3°♋29'33	
evening max el	-3784 Jul 11 j 19:35	15°♋13'46	26°57'22
retrograde	-3784 Jul 24 j 23:31	22°♋33'53	
evening set	-3784 Jul 31 j 19:15	19°♋47'00	
min. Earth dist.	-3784 Aug 04 j 16:42	15°♋52'09	0.65387 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3784 Aug 06 j 14:10	13°♋40'02	-2°-57'-24
minimum elong	-3784 Aug 06 j 17:51	13°♋29'17	2°56'10
morning rise	-3784 Aug 12 j 17:39	7°♋59'36	
direct	-3784 Aug 15 j 13:54	7°♋15'06	
asc. node	-3784 Aug 16 j 07:51	7°♋18'10	
morning max el	-3784 Aug 22 j 04:08	10°♋51'38	18°22'48
	-3784 Sep 04 j 12:01	0°♌	
morning set	-3784 Sep 10 j 09:21	9°♌38'59	
	-3784 Sep 22 j 23:34	0°♍	
superior conj	-3784 Sep 25 j 07:03	3°♍40'15	0°14'55
minimum elong	-3784 Sep 25 j 08:58	3°♍47'48	0°14'43
behind sun begin	-3784 Sep 25 j 04:07	3°♍28'35	
behind sun end	-3784 Sep 25 j 13:49	4°♍06'59	
max. Earth dist.	-3784 Sep 27 j 14:40	7°♍20'01	1.44775 AU
desc. node	-3784 Sep 27 j 15:25	7°♍23'00	
evening rise	-3784 Oct 11 j 20:50	29°♍42'51	
	-3784 Oct 12 j 01:13	0°♎	
greatest brilliancy	-3784 Oct 26 j 02:11	21°♎43'53	-0.7m
	-3784 Oct 31 j 23:31	0°♏	
evening max el	-3784 Nov 04 j 10:38	4°♏03'14	19°25'09
retrograde	-3784 Nov 11 j 15:03	8°♏12'20	
asc. node	-3784 Nov 12 j 06:46	8°♏09'52	
evening set	-3784 Nov 14 j 22:16	7°♏08'44	
inferior conj	-3784 Nov 20 j 14:20	1°♏12'02	2°35'19
minimum elong	-3784 Nov 20 j 11:21	1°♏21'37	2°34'17
	-3784 Nov 21 j 12:41	30°℞♎	
min. Earth dist.	-3784 Nov 21 j 19:42	29°♎37'34	0.66042 AU
morning rise	-3784 Nov 25 j 23:40	24°♎58'53	
direct	-3784 Dec 02 j 04:23	22°♎17'18	
morning max el	-3784 Dec 14 j 15:37	29°♎37'20	26°02'00
	-3784 Dec 15 j 00:36	0°♏	
desc. node	-3784 Dec 24 j 15:07	11°♏23'12	
	-3783 Jan 06 j 09:38	0°♐	
morning set	-3783 Jan 19 j 19:42	22°♐59'47	
	-3783 Jan 23 j 12:39	0°♑	
max. Earth dist.	-3783 Jan 23 j 20:05	0°♑35'57	1.35636 AU
superior conj	-3783 Jan 28 j 23:11	10°♑46'21	-1°-30'-9
minimum elong	-3783 Jan 29 j 02:22	11°♑02'30	1°29'55
evening rise	-3783 Feb 05 j 20:03	26°♑56'38	
	-3783 Feb 07 j 08:10	0°♒	
asc. node	-3783 Feb 08 j 05:55	1°♒48'55	
evening max el	-3783 Feb 24 j 03:25	26°♒24'45	20°19'34
	-3783 Mar 01 j 00:47	0°♓	
retrograde	-3783 Mar 06 j 17:34	1°♓26'49	
evening set	-3783 Mar 09 j 00:53	1°♓13'31	
	-3783 Mar 12 j 19:55	30°℞♒	
inferior conj	-3783 Mar 17 j 22:35	27°♒14'49	1°16'04
minimum elong	-3783 Mar 18 j 01:49	27°♒10'01	1°14'55
min. Earth dist.	-3783 Mar 19 j 15:30	26°♒14'19	0.55498 AU
desc. node	-3783 Mar 22 j 14:07	24°♒36'59	
morning rise	-3783 Mar 27 j 00:29	22°♒52'33	
direct	-3783 Mar 30 j 16:26	22°♒23'16	
morning max el	-3783 Apr 13 j 05:56	29°♒03'29	23°27'45
	-3783 Apr 14 j 05:03	0°♓	
	-3783 May 03 j 17:27	0°♈	
morning set	-3783 May 06 j 17:21	6°♈08'35	
asc. node	-3783 May 07 j 05:31	7°♈12'26	
superior conj	-3783 May 13 j 21:02	21°♈25'30	1°04'10
minimum elong	-3783 May 13 j 18:36	21°♈12'28	1°03'49
max. Earth dist.	-3783 May 16 j 02:37	26°♈10'32	1.33709 AU
	-3783 May 17 j 22:25	0°♉	
evening rise	-3783 May 21 j 11:47	7°♉14'45	
	-3783 Jun 02 j 23:28	0°♊	
desc. node	-3783 Jun 18 j 12:56	22°♊14'00	
evening max el	-3783 Jun 24 j 06:21	28°♊25'05	27°23'17
	-3783 Jun 25 j 23:37	0°♋	
retrograde	-3783 Jul 07 j 20:34	5°♋49'11	
evening set	-3783 Jul 14 j 23:31	3°♋06'26	
	-3783 Jul 18 j 10:05	30°℞♊	
min. Earth dist.	-3783 Jul 18 j 15:06	29°♊47'09	0.63980 AU
inferior conj	-3783 Jul 21 j 02:35	27°♊10'06	-3°-38'-10
minimum elong	-3783 Jul 21 j 06:21	27°♊00'08	3°37'13
morning rise	-3783 Jul 27 j 14:59	21°♊46'52	
direct	-3783 Jul 30 j 06:25	21°♊11'36	
asc. node	-3783 Aug 03 j 04:57	22°♊29'32	
morning max el	-3783 Aug 05 j 18:51	24°♊37'43	18°00'48
	-3783 Aug 10 j 04:03	0°♋	
morning set	-3783 Aug 23 j 01:18	21°♋08'40	
	-3783 Aug 28 j 05:49	0°♌	
superior conj	-3783 Sep 04 j 22:31	12°♌47'40	0°58'39
minimum elong	-3783 Sep 05 j 04:07	13°♌10'31	0°58'07
max. Earth dist.	-3783 Sep 10 j 07:26	21°♌27'55	1.44100 AU
desc. node	-3783 Sep 14 j 12:23	28°♌07'46	
	-3783 Sep 15 j 16:58	0°♍	
evening rise	-3783 Sep 21 j 05:36	8°♍35'51	
	-3783 Oct 05 j 08:37	0°♎	
greatest brilliancy	-3783 Oct 12 j 03:12	9°♎38'00	-0.6m
evening max el	-3783 Oct 18 j 14:23	17°♎29'47	20°23'18
retrograde	-3783 Oct 26 j 12:26	22°♎09'36	
evening set	-3783 Oct 30 j 04:50	20°♎51'03	
asc. node	-3783 Oct 30 j 03:53	20°♎52'44	
inferior conj	-3783 Nov 04 j 16:45	14°♎43'00	1°49'06
minimum elong	-3783 Nov 04 j 14:26	14°♎50'49	1°48'12
min. Earth dist.	-3783 Nov 05 j 09:57	13°♎45'03	0.66824 AU
morning rise	-3783 Nov 09 j 23:31	8°♎26'19	
direct	-3783 Nov 15 j 13:21	6°♎01'17	
morning max el	-3783 Nov 27 j 00:26	12°♎50'55	24°43'26
	-3783 Dec 10 j 21:41	0°♏	
desc. node	-3783 Dec 11 j 12:09	0°♏50'49	
	-3783 Dec 30 j 04:33	0°♐	
morning set	-3782 Jan 02 j 00:34	4°♐55'11	
max. Earth dist.	-3782 Jan 05 j 19:11	11°♐41'57	1.37447 AU
superior conj	-3782 Jan 12 j 09:34	24°♐10'00	-1°-46'-6
minimum elong	-3782 Jan 12 j 12:13	24°♐22'53	1°46'05
	-3782 Jan 15 j 08:48	0°♑	
evening rise	-3782 Jan 20 j 21:39	11°♑03'23	
asc. node	-3782 Jan 26 j 02:58	21°♑11'14	
	-3782 Jan 31 j 05:51	0°♒	
evening max el	-3782 Feb 06 j 19:55	8°♒21'10	19°17'11
retrograde	-3782 Feb 15 j 19:20	12°♒37'48	
evening set	-3782 Feb 18 j 03:21	12°♒21'43	
inferior conj	-3782 Feb 26 j 08:50	8°♒12'00	2°47'29
minimum elong	-3782 Feb 26 j 13:49	8°♒03'38	2°46'07
min. Earth dist.	-3782 Mar 01 j 06:37	6°♒15'37	0.56683 AU
morning rise	-3782 Mar 06 j 20:28	3°♒19'19	
desc. node	-3782 Mar 09 j 11:16	2°♒36'30	
direct	-3782 Mar 11 j 17:12	2°♒24'39	
morning max el	-3782 Mar 25 j 20:59	9°♒38'42	25°05'23
	-3782 Apr 10 j 02:56	0°♓	
morning set	-3782 Apr 21 j 05:35	21°♓11'14	
asc. node	-3782 Apr 24 j 02:31	27°♓18'27	
	-3782 Apr 25 j 08:23	0°♈	
superior conj	-3782 Apr 28 j 06:48	6°♈22'56	0°42'21
minimum elong	-3782 Apr 28 j 05:02	6°♈13'21	0°42'01
max. Earth dist.	-3782 Apr 29 j 10:51	8°♈55'04	1.32988 AU
evening rise	-3782 May 05 j 12:58	21°♈47'07	
	-3782 May 09 j 16:12	0°♉	
	-3782 May 27 j 23:53	0°♊	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3782 Jun 05 j 10:01	9♊58'23	
evening max el	-3782 Jun 06 j 14:24	11♊08'14	27°18'36
retrograde	-3782 Jun 20 j 11:28	18♊31'34	
evening set	-3782 Jun 27 j 13:29	16♊07'07	
min. Earth dist.	-3782 Jul 01 j 03:44	13♊14'20	0.62222 AU
inferior conj	-3782 Jul 04 j 04:08	10♊24'12	-4°-8'-1
minimum elong	-3782 Jul 04 j 06:52	10♊17'43	4°07'33
morning rise	-3782 Jul 11 j 02:48	5♊20'45	
direct	-3782 Jul 13 j 15:27	4♊52'19	
morning max el	-3782 Jul 20 j 09:27	8♊17'07	17°56'58
asc. node	-3782 Jul 21 j 02:02	8♊59'24	
	-3782 Aug 03 j 13:50	0♋	
morning set	-3782 Aug 05 j 14:40	3♋39'36	
superior conj	-3782 Aug 16 j 16:50	23♋14'44	1°28'58
minimum elong	-3782 Aug 16 j 21:45	23♋35'49	1°28'41
	-3782 Aug 20 j 16:46	0♌	
max. Earth dist.	-3782 Aug 23 j 19:38	5♌09'04	1.42808 AU
evening rise	-3782 Aug 31 j 10:48	17♌21'30	
desc. node	-3782 Sep 01 j 09:21	18♌49'34	
	-3782 Sep 08 j 16:24	0♍	
greatest brilliancy	-3782 Sep 26 j 11:32	25♍09'07	-0.4m
	-3782 Sep 30 j 14:52	0♎	
evening max el	-3782 Oct 01 j 12:01	0♎55'23	21°33'46
retrograde	-3782 Oct 10 j 08:57	6♎11'26	
evening set	-3782 Oct 14 j 12:49	4♎35'26	
asc. node	-3782 Oct 17 j 01:02	2♎06'12	
	-3782 Oct 18 j 16:49	30℞♍	
inferior conj	-3782 Oct 19 j 22:12	28♍19'42	0°58'38
minimum elong	-3782 Oct 19 j 20:53	28♍24'16	0°58'06
min. Earth dist.	-3782 Oct 20 j 04:32	27♍57'54	0.67282 AU
morning rise	-3782 Oct 25 j 04:39	22♍02'22	
direct	-3782 Oct 30 j 03:09	19♍58'04	
morning max el	-3782 Nov 09 j 09:51	26♍06'26	23°17'17
	-3782 Nov 12 j 23:11	0♎	
greatest brilliancy	-3782 Nov 14 j 18:08	2♎08'29	-0.3m
desc. node	-3782 Nov 28 j 09:10	20♎45'50	
	-3782 Dec 04 j 11:58	0♏	
morning set	-3782 Dec 14 j 04:02	15♏32'52	
max. Earth dist.	-3782 Dec 18 j 14:36	23♏06'45	1.39496 AU
	-3782 Dec 22 j 12:13	0♐	
superior conj	-3782 Dec 26 j 05:31	6♐47'12	-1°-54'-35
minimum elong	-3782 Dec 26 j 06:20	6♐50'59	1°54'44
evening rise	-3781 Jan 04 j 15:12	24♐40'58	
	-3781 Jan 07 j 09:54	0♑	
asc. node	-3781 Jan 13 j 00:02	10♑05'53	
evening max el	-3781 Jan 20 j 21:41	20♑50'53	18°34'36
retrograde	-3781 Jan 28 j 14:58	24♑36'33	
evening set	-3781 Jan 31 j 02:03	24♑14'57	
inferior conj	-3781 Feb 07 j 14:59	19♑45'57	3°41'37
minimum elong	-3781 Feb 07 j 18:14	19♑39'37	3°41'01
min. Earth dist.	-3781 Feb 11 j 00:08	17♑09'01	0.58455 AU
morning rise	-3781 Feb 15 j 06:47	14♑26'43	
direct	-3781 Feb 21 j 07:28	12♑54'57	
desc. node	-3781 Feb 24 j 08:24	13♑17'55	
morning max el	-3781 Mar 07 j 13:50	20♑26'33	26°28'19
	-3781 Mar 15 j 19:21	0♒	
	-3781 Apr 02 j 16:23	0♓	
morning set	-3781 Apr 05 j 16:49	6♓10'59	
asc. node	-3781 Apr 10 j 23:31	17♓30'48	
superior conj	-3781 Apr 12 j 18:22	21♓25'08	0°18'35
minimum elong	-3781 Apr 12 j 17:33	21♓20'40	0°18'22
max. Earth dist.	-3781 Apr 12 j 23:30	21♓53'16	1.32617 AU
	-3781 Apr 16 j 17:01	0♈	
evening rise	-3781 Apr 19 j 19:49	6♈36'17	
	-3781 May 02 j 06:23	0♉	
evening max el	-3781 May 19 j 17:31	23♉13'15	26°41'03
desc. node	-3781 May 23 j 07:06	26♉17'27	
	-3781 May 30 j 03:52	0♊	
retrograde	-3781 Jun 02 j 18:39	0♊32'44	
	-3781 Jun 06 j 07:39	30℞♉	
evening set	-3781 Jun 09 j 08:54	28♉40'03	
min. Earth dist.	-3781 Jun 13 j 06:59	25♉58'57	0.60229 AU
inferior conj	-3781 Jun 16 j 15:17	23♉14'01	-4°-20'-29
minimum elong	-3781 Jun 16 j 15:34	23♉13'27	4°20'22
morning rise	-3781 Jun 24 j 01:33	18♉32'13	
direct	-3781 Jun 26 j 13:08	18♉08'50	
morning max el	-3781 Jul 03 j 21:03	21♉42'30	18°12'18
asc. node	-3781 Jul 07 j 23:05	26♉32'15	
	-3781 Jul 10 j 07:06	0♊	
morning set	-3781 Jul 19 j 20:07	16♊58'21	
	-3781 Jul 26 j 19:28	0♋	
superior conj	-3781 Jul 29 j 13:25	5♋00'21	1°45'00
minimum elong	-3781 Jul 29 j 15:44	5♋10'52	1°45'02
max. Earth dist.	-3781 Aug 06 j 02:27	18♋12'19	1.41076 AU
evening rise	-3781 Aug 11 j 07:58	26♋53'30	
	-3781 Aug 13 j 06:10	0♌	
desc. node	-3781 Aug 19 j 06:18	9♌25'02	
	-3781 Sep 02 j 09:51	0♍	
greatest brilliancy	-3781 Sep 09 j 04:34	8♍47'11	-0.3m
evening max el	-3781 Sep 14 j 03:58	14♍21'22	22°52'15
retrograde	-3781 Sep 24 j 03:04	20♍15'41	
evening set	-3781 Sep 28 j 20:25	18♍20'20	
asc. node	-3781 Oct 03 j 22:09	12♍23'23	
inferior conj	-3781 Oct 04 j 04:50	12♍00'23	0°05'43
minimum elong	-3781 Oct 04 j 04:42	12♍00'52	0°05'44
transit middle	-3781 Oct 04 j 04:42	12♍00'52	0°05'44
transit begin	-3781 Oct 04 j 02:10	12♍09'35	
transit end	-3781 Oct 04 j 07:13	11♍52'09	
min. Earth dist.	-3781 Oct 04 j 00:52	12♍14'03	0.67442 AU
morning rise	-3781 Oct 09 j 12:54	5♍45'34	
direct	-3781 Oct 13 j 20:56	4♍02'57	
morning max el	-3781 Oct 22 j 23:08	9♍26'29	21°52'30
greatest brilliancy	-3781 Oct 27 j 20:30	15♍01'06	-0.4m
	-3781 Nov 07 j 20:10	0♎	
desc. node	-3781 Nov 15 j 06:07	11♎00'03	
morning set	-3781 Nov 24 j 02:36	24♎46'22	
	-3781 Nov 27 j 08:25	0♏	
max. Earth dist.	-3781 Nov 30 j 14:19	5♏20'32	1.41520 AU
superior conj	-3781 Dec 08 j 05:35	18♏23'25	-1°-52'-7
minimum elong	-3781 Dec 08 j 03:06	18♏12'34	1°52'10
	-3781 Dec 14 j 17:01	0♐	
evening rise	-3781 Dec 18 j 21:21	7♐41'14	
asc. node	-3781 Dec 30 j 21:06	28♐23'12	
	-3780 Jan 01 j 00:59	0♑	
evening max el	-3780 Jan 04 j 05:53	3♑44'34	18°12'01
retrograde	-3780 Jan 11 j 04:24	7♑14'56	
evening set	-3780 Jan 13 j 18:18	6♑46'36	
inferior conj	-3780 Jan 20 j 16:58	1♑55'19	4°01'46
minimum elong	-3780 Jan 20 j 17:25	1♑54'17	4°01'36
	-3780 Jan 22 j 19:50	30℞♐	
min. Earth dist.	-3780 Jan 23 j 22:44	29♐00'52	0.60463 AU
morning rise	-3780 Jan 27 j 13:46	26♐16'45	
direct	-3780 Feb 03 j 08:40	24♐07'30	
desc. node	-3780 Feb 11 j 05:30	26♐42'37	
	-3780 Feb 15 j 14:03	0♑	
morning max el	-3780 Feb 17 j 12:18	1♑47'24	27°23'21
	-3780 Mar 09 j 00:02	0♒	
morning set	-3780 Mar 20 j 01:10	20♒59'59	
	-3780 Mar 24 j 07:12	0♓	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3780 Mar 26 j 12:45	4°♓50'51	1.32585 AU	
superior conj	-3780 Mar 27 j 05:56	6°♓24'45	0°-6'-21	
minimum elong	-3780 Mar 27 j 06:14	6°♓26'20	0°06'23	
behind sun begin	-3780 Mar 27 j 01:36	6°♓01'02		
behind sun end	-3780 Mar 27 j 10:51	6°♓51'38		
asc. node	-3780 Mar 27 j 20:30	7°♓44'24		
evening rise	-3780 Apr 03 j 05:58	21°♓32'50		
	-3780 Apr 07 j 09:25	0°♈		
	-3780 Apr 26 j 07:06	0°♉		
evening max el	-3780 Apr 30 j 14:15	4°♉35'27	25°33'36	
desc. node	-3780 May 09 j 04:13	10°♉37'01		
retrograde	-3780 May 14 j 16:02	11°♉47'43		
evening set	-3780 May 20 j 06:37	10°♉33'20		
min. Earth dist.	-3780 May 25 j 02:36	7°♉47'11	0.58213 AU	
inferior conj	-3780 May 28 j 08:25	5°♉29'04	-4°-6'-22	
minimum elong	-3780 May 28 j 05:08	5°♉34'57	4°05'56	
morning rise	-3780 Jun 05 j 07:36	1°♉09'03		
direct	-3780 Jun 07 j 19:04	0°♉49'39		
morning max el	-3780 Jun 16 j 02:45	4°♉44'41	18°47'47	
asc. node	-3780 Jun 23 j 20:06	14°♉53'30		
	-3780 Jul 02 j 02:16	0°♊		
morning set	-3780 Jul 02 j 13:12	0°♊53'13		
superior conj	-3780 Jul 11 j 06:52	17°♊49'48	1°49'04	
minimum elong	-3780 Jul 11 j 06:43	17°♊49'07	1°49'13	
	-3780 Jul 17 j 21:30	0°♋		
max. Earth dist.	-3780 Jul 18 j 05:09	0°♋34'03	1.39130 AU	
evening rise	-3780 Jul 22 j 06:41	7°♋39'17		
desc. node	-3780 Aug 05 j 03:16	29°♋50'04		
	-3780 Aug 05 j 05:56	0°♌		
evening max el	-3780 Aug 26 j 16:02	27°♌49'39	24°12'50	
	-3780 Aug 28 j 23:53	0°♍		
retrograde	-3780 Sep 06 j 17:42	4°♍19'46		
evening set	-3780 Sep 12 j 01:56	2°♍04'45		
	-3780 Sep 14 j 03:18	30°℞♌		
inferior conj	-3780 Sep 17 j 10:55	25°♌44'02	0°-47'-54	
minimum elong	-3780 Sep 17 j 12:03	25°♌40'14	0°47'20	
min. Earth dist.	-3780 Sep 16 j 20:34	26°♌32'32	0.67298 AU	
asc. node	-3780 Sep 19 j 19:15	22°♌40'47		
morning rise	-3780 Sep 22 j 22:24	19°♌34'47		
direct	-3780 Sep 26 j 17:31	18°♌12'28		
morning max el	-3780 Oct 04 j 19:08	22°♌55'26	20°35'59	
	-3780 Oct 10 j 17:53	0°♍		
greatest brilliancy	-3780 Oct 11 j 01:01	0°♍23'35	-0.5m	
	-3780 Oct 31 j 04:15	0°♎		
desc. node	-3780 Nov 01 j 03:02	1°♎28'00		
morning set	-3780 Nov 02 j 03:50	3°♎04'05		
max. Earth dist.	-3780 Nov 11 j 21:47	18°♎29'08	1.43223 AU	
superior conj	-3780 Nov 18 j 04:16	28°♎45'49	-1°-34'-52	
minimum elong	-3780 Nov 17 j 22:09	28°♎20'25	1°34'26	
	-3780 Nov 18 j 22:02	0°♏		
evening rise	-3780 Nov 30 j 12:08	19°♏56'30		
	-3780 Dec 06 j 05:57	0°♐		
asc. node	-3780 Dec 16 j 18:11	15°♐52'04		
evening max el	-3780 Dec 17 j 17:39	16°♐54'30	18°09'01	
retrograde	-3780 Dec 24 j 07:39	20°♐22'57		
evening set	-3780 Dec 27 j 00:32	19°♐46'59		
inferior conj	-3779 Jan 02 j 11:43	14°♐34'10	3°56'34	
minimum elong	-3779 Jan 02 j 09:59	14°♐38'38	3°56'15	
min. Earth dist.	-3779 Jan 05 j 05:51	11°♐44'52	0.62405 AU	
morning rise	-3779 Jan 08 j 17:26	8°♐41'35		
direct	-3779 Jan 15 j 18:46	6°♐04'54		
desc. node	-3779 Jan 28 j 02:34	12°♐18'25		
morning max el	-3779 Jan 29 j 16:59	13°♐49'10	27°43'00	
	-3779 Feb 11 j 19:10	0°♑		
	-3779 Mar 01 j 09:59	0°♒		
morning set	-3779 Mar 04 j 04:31	5°♒30'59		
max. Earth dist.	-3779 Mar 09 j 22:43	17°♒33'55	1.32904 AU	
superior conj	-3779 Mar 11 j 15:54	21°♒16'00	0°-31'-33	
minimum elong	-3779 Mar 11 j 17:19	21°♒23'40	0°31'23	
asc. node	-3779 Mar 14 j 17:30	27°♒55'13		
	-3779 Mar 15 j 16:33	0°♓		
evening rise	-3779 Mar 18 j 17:32	6°♓29'51		
	-3779 Mar 31 j 06:23	0°♈		
evening max el	-3779 Apr 12 j 06:20	15°♈25'17	24°05'50	
retrograde	-3779 Apr 26 j 01:50	22°♈21'04		
desc. node	-3779 Apr 26 j 01:21	22°♈21'04		
evening set	-3779 Apr 30 j 08:38	21°♈40'13		
min. Earth dist.	-3779 May 06 j 17:54	18°♈34'38	0.56486 AU	
inferior conj	-3779 May 09 j 05:23	17°♈02'14	-3°-15'-29	
minimum elong	-3779 May 08 j 23:30	17°♈11'27	3°14'06	
morning rise	-3779 May 17 j 18:18	12°♈59'47		
direct	-3779 May 20 j 06:01	12°♈43'27		
morning max el	-3779 May 29 j 23:54	17°♈14'40	19°43'46	
	-3779 Jun 08 j 12:33	0°♉		
asc. node	-3779 Jun 10 j 17:05	3°♉51'38		
morning set	-3779 Jun 16 j 14:29	15°♉14'57		
	-3779 Jun 23 j 22:04	0°♊		
superior conj	-3779 Jun 24 j 15:36	1°♊27'01	1°44'01	
minimum elong	-3779 Jun 24 j 13:48	1°♊18'10	1°44'03	
max. Earth dist.	-3779 Jun 30 j 07:55	12°♊25'14	1.37227 AU	
evening rise	-3779 Jul 04 j 06:13	19°♊38'25		
	-3779 Jul 10 j 05:15	0°♋		
desc. node	-3779 Jul 23 j 00:17	19°♋58'42		
	-3779 Jul 30 j 07:27	0°♌		
evening max el	-3779 Aug 09 j 02:39	11°♌20'17	25°28'19	
retrograde	-3779 Aug 21 j 04:11	18°♌18'43		
evening set	-3779 Aug 27 j 03:29	15°♌46'18		
min. Earth dist.	-3779 Aug 31 j 13:13	10°♌50'49	0.66832 AU	
inferior conj	-3779 Sep 01 j 14:44	9°♌28'09	-1°-40'-40	
minimum elong	-3779 Sep 01 j 17:04	9°♌20'35	1°39'39	
asc. node	-3779 Sep 06 j 16:20	3°♌53'48		
morning rise	-3779 Sep 07 j 07:14	3°♌27'35		
direct	-3779 Sep 10 j 15:34	2°♌22'42		
morning max el	-3779 Sep 17 j 22:27	6°♌33'16	19°32'02	
greatest brilliancy	-3779 Sep 26 j 21:52	18°♌06'50	-0.7m	
	-3779 Oct 04 j 19:09	0°♍		
morning set	-3779 Oct 12 j 04:54	11°♍28'32		
desc. node	-3779 Oct 18 j 23:58	22°♍04'57		
	-3779 Oct 24 j 00:46	0°♎		
max. Earth dist.	-3779 Oct 25 j 11:31	2°♎17'29	1.44374 AU	
superior conj	-3779 Oct 28 j 23:35	7°♎52'06	-1°00'-43	
minimum elong	-3779 Oct 28 j 16:55	7°♎25'27	0°59'58	
	-3779 Nov 11 j 12:26	0°♏		
evening rise	-3779 Nov 12 j 06:55	1°♏17'13		
	-3779 Dec 01 j 00:45	0°♐		
evening max el	-3779 Dec 01 j 06:13	0°♐14'09	18°24'53	
asc. node	-3779 Dec 03 j 15:16	2°♐18'35		
retrograde	-3779 Dec 07 j 20:15	3°♐51'23		
evening set	-3779 Dec 10 j 17:12	3°♐06'28		
	-3779 Dec 14 j 14:27	30°℞♏		
inferior conj	-3779 Dec 16 j 19:22	27°♏34'25	3°33'48	
minimum elong	-3779 Dec 16 j 16:29	27°♏42'41	3°33'07	
min. Earth dist.	-3779 Dec 18 j 22:59	25°♏07'10	0.64091 AU	
morning rise	-3779 Dec 22 j 14:20	21°♏31'37		
direct	-3779 Dec 29 j 12:31	18°♏42'03		
morning max el	-3778 Jan 12 j 01:36	26°♏25'29	27°26'51	
desc. node	-3778 Jan 14 j 23:36	29°♏29'39		
	-3778 Jan 15 j 10:27	0°♐		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3778 Feb 05 j 08:16	0°♉	
morning set	-3778 Feb 16 j 00:15	19°♉34'54	
max. Earth dist.	-3778 Feb 21 j 01:16	29°♉48'35	1.33610 AU
	-3778 Feb 21 j 03:28	0°♒	
superior conj	-3778 Feb 23 j 22:28	5°♒52'46	0°-56'-5
minimum elong	-3778 Feb 24 j 00:53	6°♒05'36	0°55'46
asc. node	-3778 Mar 01 j 14:31	17°♒59'08	
evening rise	-3778 Mar 03 j 04:46	21°♒20'54	
	-3778 Mar 07 j 10:49	0°♓	
evening max el	-3778 Mar 24 j 23:27	26°♓08'20	22°31'41
	-3778 Mar 29 j 21:14	0°♈	
retrograde	-3778 Apr 06 j 23:35	2°♈29'54	
evening set	-3778 Apr 10 j 01:15	2°♈09'12	
desc. node	-3778 Apr 12 j 22:28	1°♈15'10	
	-3778 Apr 15 j 15:50	30°℞♓	
min. Earth dist.	-3778 Apr 18 j 08:09	28°♓32'04	0.55391 AU
inferior conj	-3778 Apr 19 j 08:46	27°♓56'55	-1°-44'-39
minimum elong	-3778 Apr 19 j 04:14	28°♓03'25	1°43'12
morning rise	-3778 Apr 28 j 09:24	24°♓00'09	
direct	-3778 May 01 j 00:10	23°♓44'21	
morning max el	-3778 May 12 j 10:36	29°♓05'28	20°59'19
	-3778 May 13 j 09:08	0°♈	
asc. node	-3778 May 28 j 14:05	23°♈17'55	
morning set	-3778 May 31 j 21:25	29°♈56'55	
	-3778 May 31 j 22:02	0°♉	
superior conj	-3778 Jun 08 j 11:14	15°♉39'29	1°32'13
minimum elong	-3778 Jun 08 j 08:40	15°♉26'18	1°32'04
max. Earth dist.	-3778 Jun 12 j 17:02	24°♉13'27	1.35581 AU
	-3778 Jun 15 j 16:14	0°♊	
evening rise	-3778 Jun 17 j 01:47	2°♊39'15	
	-3778 Jul 03 j 04:03	0°♋	
desc. node	-3778 Jul 09 j 21:20	9°♋43'44	
evening max el	-3778 Jul 22 j 13:41	24°♋51'06	26°30'36
	-3778 Jul 28 j 23:12	0°♌	
retrograde	-3778 Aug 04 j 09:56	2°♌06'53	
	-3778 Aug 10 j 04:19	30°℞♋	
evening set	-3778 Aug 10 j 22:59	29°♋22'48	
min. Earth dist.	-3778 Aug 15 j 00:37	25°♋05'42	0.66020 AU
inferior conj	-3778 Aug 16 j 14:25	23°♋10'35	-2°-30'-42
minimum elong	-3778 Aug 16 j 17:44	23°♋00'28	2°29'27
morning rise	-3778 Aug 22 j 13:28	17°♋21'46	
asc. node	-3778 Aug 24 j 13:23	16°♋36'31	
direct	-3778 Aug 25 j 13:21	16°♋30'52	
morning max el	-3778 Sep 01 j 07:55	20°♋17'40	18°43'15
	-3778 Sep 08 j 19:32	0°♌	
morning set	-3778 Sep 22 j 02:35	20°♌56'20	
	-3778 Sep 27 j 18:51	0°♍	
desc. node	-3778 Oct 05 j 20:55	12°♍47'33	
superior conj	-3778 Oct 08 j 00:47	16°♍11'53	0°-13'-42
minimum elong	-3778 Oct 07 j 22:59	16°♍04'46	0°13'26
behind sun begin	-3778 Oct 07 j 16:25	15°♍38'54	
behind sun end	-3778 Oct 08 j 05:33	16°♍30'37	
max. Earth dist.	-3778 Oct 08 j 04:40	16°♍27'09	1.44841 AU
	-3778 Oct 16 j 18:44	0°♎	
evening rise	-3778 Oct 24 j 01:40	11°♎35'42	
	-3778 Nov 04 j 15:48	0°♏	
evening max el	-3778 Nov 14 j 17:06	13°♏39'22	18°58'28
asc. node	-3778 Nov 20 j 12:21	17°♏27'49	
retrograde	-3778 Nov 21 j 14:24	17°♏34'26	
evening set	-3778 Nov 24 j 17:15	16°♏38'27	
inferior conj	-3778 Nov 30 j 12:29	10°♏50'04	2°59'07
minimum elong	-3778 Nov 30 j 09:21	10°♏59'49	2°58'09
min. Earth dist.	-3778 Dec 02 j 01:41	8°♏54'46	0.65438 AU
morning rise	-3778 Dec 06 j 00:27	4°♏39'57	
direct	-3778 Dec 12 j 12:50	1°♏51'51	
morning max el	-3778 Dec 25 j 11:14	9°♏24'16	26°39'46
desc. node	-3777 Jan 01 j 20:39	17°♏48'47	
	-3777 Jan 10 j 18:07	0°♐	
	-3777 Jan 28 j 18:27	0°♑	
morning set	-3777 Jan 30 j 08:47	3°♑00'10	
max. Earth dist.	-3777 Feb 03 j 16:58	11°♑27'03	1.34762 AU
superior conj	-3777 Feb 07 j 23:29	20°♑07'57	-1°-18'-40
minimum elong	-3777 Feb 08 j 02:33	20°♑23'51	1°18'22
	-3777 Feb 12 j 16:53	0°♒	
evening rise	-3777 Feb 15 j 13:52	5°♒59'35	
asc. node	-3777 Feb 16 j 11:33	7°♒51'11	
	-3777 Feb 28 j 22:17	0°♓	
evening max el	-3777 Mar 06 j 23:40	7°♓10'16	21°03'49
retrograde	-3777 Mar 18 j 13:12	12°♓41'49	
evening set	-3777 Mar 20 j 23:17	12°♓28'11	
inferior conj	-3777 Mar 30 j 04:00	8°♓30'08	0°10'50
minimum elong	-3777 Mar 30 j 04:30	8°♓29'26	0°10'36
transit middle	-3777 Mar 30 j 04:30	8°♓29'26	0°10'36
transit begin	-3777 Mar 30 j 01:28	8°♓33'45	
transit end	-3777 Mar 30 j 07:33	8°♓25'06	
desc. node	-3777 Mar 30 j 19:36	8°♓07'58	
min. Earth dist.	-3777 Mar 30 j 22:21	8°♓04'04	0.55185 AU
morning rise	-3777 Apr 08 j 08:49	4°♓21'35	
direct	-3777 Apr 11 j 12:09	4°♓00'05	
morning max el	-3777 Apr 24 j 10:36	10°♓14'28	22°30'52
	-3777 May 08 j 17:27	0°♈	
asc. node	-3777 May 15 j 11:07	13°♈04'10	
morning set	-3777 May 16 j 07:51	14°♈51'35	
	-3777 May 23 j 11:22	0°♉	
superior conj	-3777 May 23 j 14:18	0°♉15'32	1°15'30
minimum elong	-3777 May 23 j 11:40	0°♉01'35	1°15'11
max. Earth dist.	-3777 May 26 j 12:05	6°♉20'49	1.34288 AU
evening rise	-3777 May 31 j 12:05	16°♉25'33	
	-3777 Jun 07 j 19:03	0°♊	
desc. node	-3777 Jun 26 j 18:24	28°♊54'11	
	-3777 Jun 27 j 15:24	0°♋	
evening max el	-3777 Jul 05 j 01:12	8°♋13'29	27°11'51
retrograde	-3777 Jul 18 j 10:21	15°♋36'07	
evening set	-3777 Jul 25 j 09:43	12°♋49'42	
min. Earth dist.	-3777 Jul 29 j 04:25	9°♋10'20	0.64835 AU
inferior conj	-3777 Jul 31 j 07:43	6°♋46'41	-3°-15'-45
minimum elong	-3777 Jul 31 j 11:32	6°♋35'57	3°14'36
morning rise	-3777 Aug 06 j 14:48	1°♋12'55	
direct	-3777 Aug 09 j 08:42	0°♋32'41	
asc. node	-3777 Aug 11 j 10:29	0°♋55'32	
morning max el	-3777 Aug 15 j 21:23	4°♋04'01	18°11'10
	-3777 Sep 02 j 02:56	0°♌	
morning set	-3777 Sep 03 j 03:49	1°♌43'58	
superior conj	-3777 Sep 17 j 05:00	24°♌44'42	0°34'49
minimum elong	-3777 Sep 17 j 09:03	25°♌00'57	0°34'23
	-3777 Sep 20 j 12:11	0°♍	
max. Earth dist.	-3777 Sep 20 j 22:35	0°♍41'12	1.44575 AU
desc. node	-3777 Sep 22 j 17:54	3°♍32'21	
evening rise	-3777 Oct 03 j 20:28	20°♍53'39	
	-3777 Oct 09 j 17:44	0°♎	
greatest brilliancy	-3777 Oct 21 j 04:49	17°♎13'15	-0.6m
evening max el	-3777 Oct 29 j 00:04	27°♎06'45	19°48'17
	-3777 Nov 01 j 08:16	0°♏	
retrograde	-3777 Nov 05 j 11:13	1°♏27'44	
asc. node	-3777 Nov 07 j 09:27	1°♏06'13	
evening set	-3777 Nov 08 j 22:05	0°♏18'08	
	-3777 Nov 09 j 08:17	30°℞♎	
inferior conj	-3777 Nov 14 j 12:13	24°♎16'28	2°16'20

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3777 Nov 14 j 09:28	24°♎25'30	2°15'19
min. Earth dist.	-3777 Nov 15 j 12:17	22°♎57'20	0.66420 AU
morning rise	-3777 Nov 19 j 20:10	18°♎01'38	
direct	-3777 Nov 25 j 18:52	15°♎26'05	
morning max el	-3777 Dec 07 j 20:14	22°♎34'24	25°30'04
	-3777 Dec 14 j 09:59	0°♏	
desc. node	-3777 Dec 19 j 17:41	6°♏55'50	
	-3776 Jan 04 j 01:18	0°♐	
morning set	-3776 Jan 13 j 01:25	15°♐33'08	
max. Earth dist.	-3776 Jan 16 j 21:15	22°♐38'18	1.36364 AU
	-3776 Jan 20 j 16:59	0°♑	
superior conj	-3776 Jan 22 j 16:15	3°♑53'46	-1°-37'-38
minimum elong	-3776 Jan 22 j 19:20	4°♑09'10	1°37'30
evening rise	-3776 Jan 30 j 18:54	20°♑20'14	
asc. node	-3776 Feb 03 j 08:37	27°♑26'20	
	-3776 Feb 04 j 16:42	0°♒	
evening max el	-3776 Feb 17 j 10:13	18°♒46'04	19°50'43
retrograde	-3776 Feb 27 j 06:50	23°♒26'49	
evening set	-3776 Feb 29 j 14:06	23°♒12'40	
inferior conj	-3776 Mar 09 j 05:17	19°♒10'56	1°59'02
minimum elong	-3776 Mar 09 j 09:47	19°♒03'56	1°57'34
min. Earth dist.	-3776 Mar 11 j 12:36	17°♒45'31	0.55913 AU
desc. node	-3776 Mar 16 j 16:44	15°♒05'23	
morning rise	-3776 Mar 18 j 02:19	14°♒36'15	
direct	-3776 Mar 22 j 06:12	13°♒57'50	
morning max el	-3776 Apr 05 j 03:06	20°♒54'12	24°10'04
	-3776 Apr 12 j 22:00	0°♓	
morning set	-3776 Apr 29 j 19:56	29°♓52'58	
	-3776 Apr 29 j 21:17	0°♈	
asc. node	-3776 May 01 j 08:10	3°♈04'26	
superior conj	-3776 May 06 j 22:14	15°♈06'53	0°55'13
minimum elong	-3776 May 06 j 20:02	14°♈55'03	0°54'51
max. Earth dist.	-3776 May 08 j 16:30	18°♈53'56	1.33364 AU
evening rise	-3776 May 14 j 08:49	0°♉44'07	
	-3776 May 14 j 00:06	0°♉	
	-3776 May 30 j 19:00	0°♊	
desc. node	-3776 Jun 12 j 15:29	17°♊15'30	
evening max el	-3776 Jun 16 j 11:21	21°♊14'56	27°25'17
retrograde	-3776 Jun 30 j 04:37	28°♊38'08	
evening set	-3776 Jul 07 j 08:22	26°♊01'41	
min. Earth dist.	-3776 Jul 10 j 22:46	22°♊54'58	0.63276 AU
inferior conj	-3776 Jul 13 j 15:55	20°♊10'55	-3°-52'-31
minimum elong	-3776 Jul 13 j 19:25	20°♊02'05	3°51'44
morning rise	-3776 Jul 20 j 08:30	14°♊55'29	
direct	-3776 Jul 22 j 22:36	14°♊23'14	
asc. node	-3776 Jul 28 j 07:35	16°♊41'52	
morning max el	-3776 Jul 29 j 12:19	17°♊47'29	17°56'50
	-3776 Aug 07 j 07:10	0°♋	
morning set	-3776 Aug 15 j 05:36	13°♋41'46	
	-3776 Aug 24 j 16:18	0°♌	
superior conj	-3776 Aug 27 j 07:17	4°♌23'55	1°13'21
minimum elong	-3776 Aug 27 j 13:01	4°♌47'46	1°12'52
max. Earth dist.	-3776 Sep 02 j 14:13	14°♌41'32	1.43624 AU
desc. node	-3776 Sep 08 j 14:50	24°♌16'01	
evening rise	-3776 Sep 12 j 01:16	29°♌37'09	
	-3776 Sep 12 j 07:10	0°♍	
	-3776 Oct 02 j 12:35	0°♎	
greatest brilliancy	-3776 Oct 05 j 08:08	3°♎46'49	-0.5m
evening max el	-3776 Oct 11 j 01:21	10°♎33'03	20°52'02
retrograde	-3776 Oct 19 j 08:21	15°♎27'16	
evening set	-3776 Oct 23 j 05:29	14°♎01'22	
asc. node	-3776 Oct 24 j 06:34	13°♎08'45	
inferior conj	-3776 Oct 28 j 16:08	7°♎49'41	1°28'04
minimum elong	-3776 Oct 28 j 14:12	7°♎56'16	1°27'17
min. Earth dist.	-3776 Oct 29 j 04:32	7°♎07'26	0.67061 AU
morning rise	-3776 Nov 02 j 22:32	1°♎32'40	
	-3776 Nov 05 j 04:48	30°℞♍	
direct	-3776 Nov 08 j 05:51	29°♍16'16	
	-3776 Nov 11 j 12:33	0°♎	
morning max el	-3776 Nov 19 j 04:57	5°♎48'30	24°07'10
desc. node	-3776 Dec 05 j 14:40	26°♎35'57	
	-3776 Dec 07 j 22:42	0°♏	
morning set	-3776 Dec 24 j 20:07	26°♏56'30	
	-3776 Dec 26 j 14:22	0°♐	
max. Earth dist.	-3776 Dec 28 j 18:10	3°♐49'13	1.38310 AU
superior conj	-3775 Jan 04 j 21:02	16°♐58'54	-1°-50'-48
minimum elong	-3775 Jan 04 j 23:05	17°♐08'41	1°50'53
	-3775 Jan 11 j 13:34	0°♑	
evening rise	-3775 Jan 13 j 17:24	4°♑15'16	
asc. node	-3775 Jan 20 j 05:39	16°♑37'35	
	-3775 Jan 29 j 08:22	0°♒	
evening max el	-3775 Jan 30 j 06:50	0°♒56'38	18°56'31
retrograde	-3775 Feb 07 j 16:01	4°♒58'17	
evening set	-3775 Feb 10 j 01:22	4°♒40'00	
inferior conj	-3775 Feb 17 j 23:33	0°♒22'16	3°15'03
minimum elong	-3775 Feb 18 j 04:05	0°♒14'09	3°14'00
	-3775 Feb 18 j 11:58	30°℞♑	
min. Earth dist.	-3775 Feb 21 j 04:05	28°♑06'30	0.57390 AU
morning rise	-3775 Feb 26 j 03:03	25°♑17'38	
direct	-3775 Mar 03 j 12:21	24°♑08'22	
desc. node	-3775 Mar 03 j 13:52	24°♑08'23	
	-3775 Mar 16 j 02:46	0°♒	
morning max el	-3775 Mar 17 j 18:11	1°♒30'39	25°43'27
	-3775 Apr 06 j 18:55	0°♓	
morning set	-3775 Apr 14 j 07:57	14°♓54'47	
asc. node	-3775 Apr 18 j 05:11	23°♓13'21	
superior conj	-3775 Apr 21 j 08:57	0°♈06'25	0°32'27
minimum elong	-3775 Apr 21 j 07:33	29°♓58'51	0°32'09
	-3775 Apr 21 j 07:46	0°♈	
max. Earth dist.	-3775 Apr 22 j 03:11	1°♈45'55	1.32789 AU
evening rise	-3775 Apr 28 j 12:42	15°♈24'03	
	-3775 May 06 j 00:17	0°♉	
	-3775 May 26 j 03:56	0°♊	
evening max el	-3775 May 29 j 17:31	3°♊42'22	27°06'35
desc. node	-3775 May 30 j 12:34	4°♊26'59	
retrograde	-3775 Jun 12 j 16:12	11°♊04'00	
evening set	-3775 Jun 19 j 14:56	8°♊51'28	
min. Earth dist.	-3775 Jun 23 j 07:01	6°♊06'02	0.61394 AU
inferior conj	-3775 Jun 26 j 11:47	3°♊15'35	-4°-15'-56
minimum elong	-3775 Jun 26 j 13:40	3°♊11'23	4°15'39
	-3775 Jun 30 j 11:55	30°℞♉	
morning rise	-3775 Jul 03 j 15:14	28°♉21'23	
direct	-3775 Jul 06 j 03:24	27°♉55'09	
	-3775 Jul 11 j 12:17	0°♊	
morning max el	-3775 Jul 13 j 02:01	1°♊21'57	18°01'10
asc. node	-3775 Jul 15 j 04:39	3°♊40'18	
morning set	-3775 Jul 29 j 02:28	26°♊34'54	
	-3775 Jul 30 j 23:10	0°♋	
superior conj	-3775 Aug 08 j 13:22	15°♋26'28	1°37'25
minimum elong	-3775 Aug 08 j 17:17	15°♋43'32	1°37'17
max. Earth dist.	-3775 Aug 16 j 00:37	28°♋09'45	1.42112 AU
	-3775 Aug 17 j 03:19	0°♌	
evening rise	-3775 Aug 22 j 11:20	8°♌37'16	
desc. node	-3775 Aug 26 j 11:48	14°♌55'44	
	-3775 Sep 05 j 11:59	0°♍	
greatest brilliancy	-3775 Sep 19 j 02:05	18°♍35'10	-0.3m
evening max el	-3775 Sep 23 j 20:21	23°♍58'28	22°06'22
retrograde	-3775 Oct 03 j 04:05	29°♍30'55	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3775 Oct 07 j 13:32	27°♍46'35	
asc. node	-3775 Oct 11 j 03:40	23°♍53'02	
inferior conj	-3775 Oct 12 j 22:18	21°♍28'24	0°36'23
minimum elong	-3775 Oct 12 j 21:28	21°♍31'18	0°36'04
min. Earth dist.	-3775 Oct 13 j 00:07	21°♍22'07	0.67389 AU
morning rise	-3775 Oct 18 j 05:14	15°♍11'52	
direct	-3775 Oct 22 j 21:19	13°♍17'07	
morning max el	-3775 Nov 01 j 15:47	19°♍06'19	22°40'36
greatest brilliancy	-3775 Nov 06 j 09:08	24°♍24'58	-0.3m
	-3775 Nov 10 j 18:05	0°♎	
desc. node	-3775 Nov 22 j 11:37	16°♎39'47	
	-3775 Dec 01 j 03:33	0°♏	
morning set	-3775 Dec 05 j 11:17	6°♏57'40	
max. Earth dist.	-3775 Dec 10 j 14:57	15°♏33'34	1.40382 AU
superior conj	-3775 Dec 18 j 09:09	29°♏11'13	-1°-55'-7
minimum elong	-3775 Dec 18 j 08:44	29°♏09'19	1°55'15
	-3775 Dec 18 j 19:54	0°♐	
evening rise	-3775 Dec 28 j 06:31	17°♐37'47	
	-3774 Jan 03 j 23:09	0°♑	
asc. node	-3774 Jan 07 j 02:41	5°♑17'15	
evening max el	-3774 Jan 13 j 11:34	13°♑36'41	18°22'29
retrograde	-3774 Jan 20 j 19:44	17°♑14'28	
evening set	-3774 Jan 23 j 07:53	16°♑50'14	
inferior conj	-3774 Jan 30 j 14:24	12°♑11'43	3°53'50
minimum elong	-3774 Jan 30 j 16:28	12°♑07'26	3°53'31
min. Earth dist.	-3774 Feb 02 j 23:28	9°♑24'14	0.59298 AU
morning rise	-3774 Feb 06 j 21:42	6°♑43'01	
direct	-3774 Feb 13 j 07:18	4°♑54'46	
desc. node	-3774 Feb 18 j 10:58	6°♑01'17	
morning max el	-3774 Feb 27 j 13:23	12°♑31'08	26°55'50
	-3774 Mar 13 j 08:04	0°♒	
morning set	-3774 Mar 29 j 18:09	29°♒50'32	
	-3774 Mar 29 j 19:58	0°♓	
asc. node	-3774 Apr 05 j 02:09	13°♓26'26	
superior conj	-3774 Apr 05 j 20:40	15°♓07'48	0°08'05
minimum elong	-3774 Apr 05 j 20:19	15°♓05'50	0°07'58
behind sun begin	-3774 Apr 05 j 15:58	14°♓42'03	
behind sun end	-3774 Apr 06 j 00:40	15°♓29'38	
max. Earth dist.	-3774 Apr 05 j 16:30	14°♓44'54	1.32556 AU
evening rise	-3774 Apr 12 j 21:09	0°♈16'34	
	-3774 Apr 12 j 17:59	0°♈	
	-3774 Apr 29 j 06:56	0°♉	
evening max el	-3774 May 11 j 17:39	15°♉27'38	26°15'35
desc. node	-3774 May 17 j 09:42	19°♉59'27	
retrograde	-3774 May 25 j 19:45	22°♉45'38	
evening set	-3774 Jun 01 j 01:21	21°♉08'43	
min. Earth dist.	-3774 Jun 05 j 06:32	18°♉27'39	0.59349 AU
inferior conj	-3774 Jun 08 j 15:37	15°♉51'07	-4°-18'-23
minimum elong	-3774 Jun 08 j 14:27	15°♉53'23	4°18'16
morning rise	-3774 Jun 16 j 07:16	11°♉19'09	
direct	-3774 Jun 18 j 18:39	10°♉57'41	
morning max el	-3774 Jun 26 j 11:32	14°♉38'43	18°25'01
asc. node	-3774 Jul 02 j 01:41	21°♉35'01	
	-3774 Jul 07 j 02:52	0°♊	
morning set	-3774 Jul 12 j 13:18	10°♊09'45	
superior conj	-3774 Jul 21 j 19:34	27°♊41'19	1°48'01
minimum elong	-3774 Jul 21 j 20:47	27°♊46'51	1°48'08
	-3774 Jul 23 j 01:50	0°♋	
max. Earth dist.	-3774 Jul 29 j 04:55	10°♋53'13	1.40250 AU
evening rise	-3774 Aug 02 j 18:51	18°♋38'44	
	-3774 Aug 09 j 19:57	0°♌	
desc. node	-3774 Aug 13 j 08:47	5°♌27'16	
	-3774 Aug 30 j 21:38	0°♍	
evening max el	-3774 Sep 06 j 10:13	7°♍24'33	23°26'36
retrograde	-3774 Sep 16 j 21:00	13°♍35'29	
evening set	-3774 Sep 21 j 20:28	11°♍31'41	
inferior conj	-3774 Sep 27 j 04:55	5°♍10'42	0°-16'-59
minimum elong	-3774 Sep 27 j 05:19	5°♍09'20	0°16'46
min. Earth dist.	-3774 Sep 26 j 20:33	5°♍39'22	0.67415 AU
asc. node	-3774 Sep 28 j 00:46	4°♍02'59	
	-3774 Oct 01 j 09:46	30°℞♌	
morning rise	-3774 Oct 02 j 14:13	28°♌57'40	
direct	-3774 Oct 06 j 16:25	27°♌24'05	
	-3774 Oct 12 j 14:10	0°♍	
morning max el	-3774 Oct 15 j 07:46	2°♍30'07	21°18'35
greatest brilliancy	-3774 Oct 20 j 16:08	8°♍42'26	-0.4m
	-3774 Nov 04 j 17:37	0°♎	
desc. node	-3774 Nov 09 j 08:34	7°♎00'21	
morning set	-3774 Nov 14 j 23:01	15°♎41'58	
max. Earth dist.	-3774 Nov 22 j 17:22	28°♎09'30	1.42297 AU
	-3774 Nov 23 j 20:14	0°♏	
superior conj	-3774 Nov 29 j 23:01	10°♏17'20	-1°-46'-49
minimum elong	-3774 Nov 29 j 18:54	9°♏59'42	1°46'41
evening rise	-3774 Dec 11 j 06:41	0°♐20'01	
	-3774 Dec 11 j 02:15	0°♐	
asc. node	-3774 Dec 24 j 23:44	23°♐15'37	
evening max el	-3774 Dec 27 j 21:40	26°♐38'34	18°08'25
	-3773 Jan 02 j 10:58	0°♑	
retrograde	-3773 Jan 03 j 15:30	0°♑06'38	
	-3773 Jan 04 j 20:15	30°℞♐	
evening set	-3773 Jan 06 j 06:32	29°♐35'18	
inferior conj	-3773 Jan 13 j 00:01	24°♐35'01	4°02'09
minimum elong	-3773 Jan 12 j 23:26	24°♐36'27	4°01'58
min. Earth dist.	-3773 Jan 16 j 01:40	21°♐39'50	0.61309 AU
morning rise	-3773 Jan 19 j 13:51	18°♐49'47	
direct	-3773 Jan 26 j 12:54	16°♐26'51	
desc. node	-3773 Feb 05 j 08:02	20°♐26'25	
morning max el	-3773 Feb 09 j 14:41	24°♐09'59	27°36'10
	-3773 Feb 14 j 22:23	0°♑	
	-3773 Mar 06 j 13:06	0°♒	
morning set	-3773 Mar 14 j 00:41	14°♒33'21	
max. Earth dist.	-3773 Mar 20 j 04:40	27°♒37'39	1.32669 AU
superior conj	-3773 Mar 21 j 07:48	0°♓05'15	0°-17'-4
minimum elong	-3773 Mar 21 j 08:35	0°♓09'28	0°16'59
	-3773 Mar 21 j 06:51	0°♓	
asc. node	-3773 Mar 22 j 23:08	3°♓39'44	
evening rise	-3773 Mar 28 j 08:08	15°♓14'29	
	-3773 Apr 04 j 18:37	0°♈	
evening max el	-3773 Apr 23 j 12:00	26°♈34'25	24°58'06
	-3773 Apr 27 j 14:01	0°♉	
desc. node	-3773 May 04 j 06:48	3°♉17'10	
retrograde	-3773 May 07 j 12:48	3°♉41'46	
evening set	-3773 May 12 j 14:04	2°♉43'08	
	-3773 May 17 j 18:01	30°℞♈	
min. Earth dist.	-3773 May 18 j 00:17	29°♈49'55	0.57417 AU
inferior conj	-3773 May 21 j 00:19	27°♈49'17	-3°-49'-50
minimum elong	-3773 May 20 j 19:37	27°♈57'12	3°49'01
morning rise	-3773 May 29 j 05:19	23°♈37'26	
direct	-3773 May 31 j 16:34	23°♈19'38	
morning max el	-3773 Jun 09 j 13:57	27°♈28'41	19°09'04
	-3773 Jun 11 j 23:24	0°♉	
asc. node	-3773 Jun 18 j 22:43	10°♉13'22	
morning set	-3773 Jun 26 j 10:14	24°♉16'48	
	-3773 Jun 29 j 07:24	0°♊	
superior conj	-3773 Jul 04 j 20:09	10°♊52'35	1°47'53
minimum elong	-3773 Jul 04 j 19:11	10°♊47'59	1°48'00
max. Earth dist.	-3773 Jul 11 j 06:30	22°♊57'26	1.38302 AU
evening rise	-3773 Jul 15 j 04:38	29°♊57'00	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3773 Jul 15 j 05:19	0°♋	
desc. node	-3773 Jul 31 j 05:47	25°♋45'48	
	-3773 Aug 03 j 03:42	0°♌	
evening max el	-3773 Aug 19 j 21:26	20°♌53'57	24°46'05
retrograde	-3773 Aug 31 j 09:59	27°♌37'28	
evening set	-3773 Sep 06 j 00:32	25°♌14'53	
min. Earth dist.	-3773 Sep 10 j 15:23	19°♌57'41	0.67138 AU
inferior conj	-3773 Sep 11 j 10:17	18°♌54'47	-1°-10'-27
minimum elong	-3773 Sep 11 j 11:56	18°♌49'17	1°09'42
asc. node	-3773 Sep 14 j 21:52	14°♌37'53	
morning rise	-3773 Sep 16 j 23:40	12°♌48'33	
direct	-3773 Sep 20 j 13:56	11°♌33'55	
morning max el	-3773 Sep 28 j 06:48	16°♌02'15	20°06'58
greatest brilliancy	-3773 Oct 05 j 11:01	24°♌51'51	-0.6m
	-3773 Oct 09 j 02:02	0°♍	
morning set	-3773 Oct 24 j 21:06	23°♍53'24	
desc. node	-3773 Oct 27 j 05:30	27°♍32'23	
	-3773 Oct 28 j 19:20	0°♎	
max. Earth dist.	-3773 Nov 05 j 03:24	11°♎35'37	1.43791 AU
superior conj	-3773 Nov 10 j 09:56	20°♎06'46	-1°-22'-24
minimum elong	-3773 Nov 10 j 02:58	19°♎38'21	1°21'47
	-3773 Nov 16 j 09:17	0°♏	
evening rise	-3773 Nov 23 j 13:31	12°♏12'55	
	-3773 Dec 04 j 02:07	0°♐	
evening max el	-3773 Dec 11 j 10:11	9°♐53'48	18°13'34
asc. node	-3773 Dec 11 j 20:48	10°♐19'57	
retrograde	-3773 Dec 17 j 23:07	13°♐24'23	
evening set	-3773 Dec 20 j 17:38	12°♐44'45	
inferior conj	-3773 Dec 27 j 00:43	7°♐23'38	3°48'39
minimum elong	-3773 Dec 26 j 22:22	7°♐29'58	3°48'11
min. Earth dist.	-3773 Dec 29 j 12:53	4°♐42'02	0.63165 AU
morning rise	-3772 Jan 02 j 01:23	1°♐26'38	
	-3772 Jan 04 j 05:55	30°℞♏	
direct	-3772 Jan 09 j 02:37	28°♏42'22	
	-3772 Jan 14 j 07:39	0°♐	
morning max el	-3772 Jan 22 j 21:07	6°♐26'45	27°40'16
desc. node	-3772 Jan 23 j 05:05	6°♐46'34	
	-3772 Feb 09 j 21:33	0°♑	
morning set	-3772 Feb 26 j 01:09	28°♑53'50	
	-3772 Feb 26 j 14:18	0°♒	
max. Earth dist.	-3772 Mar 02 j 11:51	10°♒09'28	1.33154 AU
superior conj	-3772 Mar 04 j 16:34	14°♒51'16	0°-42'-6
minimum elong	-3772 Mar 04 j 18:27	15°♒01'18	0°41'51
asc. node	-3772 Mar 08 j 20:08	23°♒48'10	
evening rise	-3772 Mar 11 j 19:47	0°♓09'48	
	-3772 Mar 11 j 17:55	0°♓	
	-3772 Mar 28 j 19:03	0°♈	
evening max el	-3772 Apr 04 j 03:55	7°♈18'23	23°25'48
retrograde	-3772 Apr 17 j 16:56	14°♈01'09	
desc. node	-3772 Apr 20 j 03:55	13°♈47'46	
evening set	-3772 Apr 21 j 10:14	13°♈30'50	
min. Earth dist.	-3772 Apr 28 j 14:56	10°♈13'30	0.55930 AU
inferior conj	-3772 Apr 30 j 13:08	9°♈04'54	-2°-41'-31
minimum elong	-3772 Apr 30 j 07:12	9°♈13'45	2°39'52
morning rise	-3772 May 09 j 07:28	5°♈06'22	
direct	-3772 May 11 j 20:01	4°♈50'35	
morning max el	-3772 May 22 j 06:42	9°♈41'56	20°13'34
asc. node	-3772 Jun 04 j 19:44	29°♈24'24	
	-3772 Jun 05 j 03:16	0°♉	
morning set	-3772 Jun 09 j 14:14	8°♉47'46	
superior conj	-3772 Jun 17 j 09:58	24°♉45'38	1°39'42
minimum elong	-3772 Jun 17 j 07:45	24°♉34'28	1°39'40
	-3772 Jun 20 j 01:04	0°♊	
max. Earth dist.	-3772 Jun 22 j 11:34	4°♊44'41	1.36494 AU
evening rise	-3772 Jun 26 j 13:22	12°♊23'59	
	-3772 Jul 06 j 18:02	0°♋	
desc. node	-3772 Jul 17 j 02:49	15°♋45'11	
	-3772 Jul 28 j 04:10	0°♌	
evening max el	-3772 Aug 01 j 08:22	4°♌26'00	25°56'59
retrograde	-3772 Aug 13 j 18:23	11°♌32'21	
evening set	-3772 Aug 19 j 23:48	8°♌54'20	
min. Earth dist.	-3772 Aug 24 j 06:07	4°♌15'01	0.66531 AU
inferior conj	-3772 Aug 25 j 12:36	2°♌38'33	-2°-2'-20
minimum elong	-3772 Aug 25 j 15:24	2°♌29'43	2°01'11
	-3772 Aug 27 j 16:32	30°℞♋	
morning rise	-3772 Aug 31 j 07:41	26°♋42'30	
asc. node	-3772 Aug 31 j 18:58	26°♋26'30	
direct	-3772 Sep 03 j 12:15	25°♋43'48	
morning max el	-3772 Sep 10 j 12:55	29°♋42'54	19°09'21
	-3772 Sep 10 j 19:32	0°♌	
	-3772 Oct 01 j 12:19	0°♍	
morning set	-3772 Oct 03 j 05:15	2°♍40'41	
desc. node	-3772 Oct 13 j 02:26	18°♍12'09	
max. Earth dist.	-3772 Oct 17 j 19:31	25°♍37'29	1.44663 AU
superior conj	-3772 Oct 19 j 19:39	28°♍47'46	0°-41'-49
minimum elong	-3772 Oct 19 j 14:28	28°♍27'16	0°41'11
	-3772 Oct 20 j 13:53	0°♎	
evening rise	-3772 Nov 03 j 22:31	23°♎08'19	
	-3772 Nov 08 j 02:55	0°♏	
evening max el	-3772 Nov 23 j 22:26	23°♏16'57	18°37'03
asc. node	-3772 Nov 27 j 17:54	26°♏16'03	
retrograde	-3772 Nov 30 j 14:32	27°♏00'25	
evening set	-3772 Dec 03 j 13:52	26°♏10'54	
inferior conj	-3772 Dec 09 j 12:49	20°♏31'23	3°20'17
minimum elong	-3772 Dec 09 j 09:44	20°♏40'33	3°19'27
min. Earth dist.	-3772 Dec 11 j 10:06	18°♏17'14	0.64712 AU
morning rise	-3772 Dec 15 j 04:26	14°♏25'21	
direct	-3772 Dec 21 j 23:07	11°♏35'07	
morning max el	-3771 Jan 04 j 06:29	19°♏14'19	27°10'12
desc. node	-3771 Jan 09 j 02:08	24°♏29'42	
	-3771 Jan 13 j 11:57	0°♐	
	-3771 Feb 01 j 20:30	0°♑	
morning set	-3771 Feb 08 j 16:36	12°♑42'38	
max. Earth dist.	-3771 Feb 13 j 10:21	22°♑10'04	1.34055 AU
superior conj	-3771 Feb 16 j 21:05	29°♑19'43	-1°-5'-58
minimum elong	-3771 Feb 16 j 23:51	29°♑34'12	1°05'39
	-3771 Feb 17 j 04:45	0°♒	
asc. node	-3771 Feb 23 j 17:09	13°♒47'32	
evening rise	-3771 Feb 24 j 06:22	14°♒56'34	
	-3771 Mar 03 j 22:52	0°♓	
evening max el	-3771 Mar 16 j 23:22	18°♓06'08	21°52'46
retrograde	-3771 Mar 29 j 09:53	24°♓07'25	
evening set	-3771 Apr 01 j 03:22	23°♓50'48	
desc. node	-3771 Apr 07 j 01:04	21°♓38'42	
inferior conj	-3771 Apr 10 j 11:23	19°♓46'34	0°-56'-53
minimum elong	-3771 Apr 10 j 08:45	19°♓50'16	0°56'02
min. Earth dist.	-3771 Apr 10 j 04:41	19°♓55'58	0.55195 AU
morning rise	-3771 Apr 19 j 15:08	15°♓47'25	
direct	-3771 Apr 22 j 09:58	15°♓30'10	
morning max el	-3771 May 04 j 12:35	21°♓13'37	21°36'43
	-3771 May 11 j 20:58	0°♈	
asc. node	-3771 May 22 j 16:46	18°♈59'48	
morning set	-3771 May 24 j 22:53	23°♈35'44	
	-3771 May 28 j 00:29	0°♉	
superior conj	-3771 Jun 01 j 09:06	9°♉08'50	1°25'38
minimum elong	-3771 Jun 01 j 06:26	8°♉54'56	1°25'24
max. Earth dist.	-3771 Jun 05 j 01:00	16°♉40'03	1.34986 AU
evening rise	-3771 Jun 09 j 15:45	25°♉45'13	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3771 Jun 11 j 21:43	0°♊	
	-3771 Jun 30 j 04:05	0°♋	
desc. node	-3771 Jul 03 j 23:53	5°♋16'45	
evening max el	-3771 Jul 14 j 19:39	17°♋53'59	26°51'10
retrograde	-3771 Jul 27 j 21:44	25°♋13'20	
evening set	-3771 Aug 03 j 15:55	22°♋26'43	
min. Earth dist.	-3771 Aug 07 j 14:22	18°♋26'17	0.65564 AU
inferior conj	-3771 Aug 09 j 09:51	16°♋18'19	-2°-50'-38
minimum elong	-3771 Aug 09 j 13:28	16°♋07'40	2°49'22
morning rise	-3771 Aug 15 j 12:10	10°♋35'45	
direct	-3771 Aug 18 j 09:17	9°♋49'43	
asc. node	-3771 Aug 18 j 16:05	9°♋50'10	
morning max el	-3771 Aug 25 j 00:25	13°♋28'35	18°27'34
	-3771 Sep 05 j 18:51	0°♌	
morning set	-3771 Sep 13 j 14:32	12°♌42'13	
	-3771 Sep 24 j 08:09	0°♍	
superior conj	-3771 Sep 28 j 19:06	7°♍04'02	0°07'31
minimum elong	-3771 Sep 28 j 20:05	7°♍07'55	0°07'27
behind sun begin	-3771 Sep 28 j 09:57	6°♍27'53	
behind sun end	-3771 Sep 29 j 06:12	7°♍47'55	
desc. node	-3771 Sep 29 j 23:24	8°♍55'44	
max. Earth dist.	-3771 Sep 30 j 13:50	9°♍52'42	1.44814 AU
	-3771 Oct 13 j 08:58	0°♎	
evening rise	-3771 Oct 15 j 06:39	2°♎59'44	
greatest brilliancy	-3771 Oct 28 j 02:51	23°♎02'01	-0.7m
	-3771 Nov 01 j 21:23	0°♏	
evening max el	-3771 Nov 07 j 07:51	6°♏42'46	19°17'43
retrograde	-3771 Nov 14 j 10:17	10°♏48'09	
asc. node	-3771 Nov 14 j 15:01	10°♏47'55	
evening set	-3771 Nov 17 j 16:16	9°♏46'38	
inferior conj	-3771 Nov 23 j 09:05	3°♏51'52	2°41'47
minimum elong	-3771 Nov 23 j 06:02	4°♏01'34	2°40'46
min. Earth dist.	-3771 Nov 24 j 16:24	2°♏11'57	0.65896 AU
	-3771 Nov 26 j 11:54	30°℞♎	
morning rise	-3771 Nov 28 j 19:00	27°♎39'21	
direct	-3771 Dec 05 j 01:45	24°♎55'48	
	-3771 Dec 15 j 04:49	0°♏	
morning max el	-3771 Dec 17 j 16:12	2°♏19'43	26°12'25
desc. node	-3771 Dec 26 j 23:10	13°♏10'53	
	-3770 Jan 07 j 16:14	0°♐	
morning set	-3770 Jan 22 j 19:04	25°♐47'31	
	-3770 Jan 25 j 00:34	0°♑	
max. Earth dist.	-3770 Jan 26 j 21:20	3°♑36'00	1.35395 AU
superior conj	-3770 Jan 31 j 18:58	13°♑23'09	-1°-27'-15
minimum elong	-3770 Jan 31 j 22:09	13°♑39'23	1°27'01
evening rise	-3770 Feb 08 j 14:01	29°♑28'23	
	-3770 Feb 08 j 20:11	0°♒	
asc. node	-3770 Feb 10 j 14:12	3°♒33'04	
evening max el	-3770 Feb 27 j 03:41	29°♒21'03	20°30'30
	-3770 Feb 27 j 20:36	0°♓	
retrograde	-3770 Mar 10 j 00:06	4°♓30'51	
evening set	-3770 Mar 12 j 07:42	4°♓17'42	
inferior conj	-3770 Mar 21 j 07:29	0°♓19'40	0°59'33
minimum elong	-3770 Mar 21 j 10:06	0°♓15'50	0°58'35
	-3770 Mar 21 j 20:55	30°℞♒	
min. Earth dist.	-3770 Mar 22 j 18:52	29°♒27'58	0.55383 AU
desc. node	-3770 Mar 24 j 22:11	28°♒16'08	
morning rise	-3770 Mar 30 j 10:31	26°♒01'16	
direct	-3770 Apr 02 j 22:42	25°♒34'29	
	-3770 Apr 13 j 21:44	0°♓	
morning max el	-3770 Apr 16 j 08:59	2°♓08'38	23°12'56
	-3770 May 05 j 04:48	0°♈	
morning set	-3770 May 09 j 10:16	8°♈34'33	
asc. node	-3770 May 09 j 13:47	8°♈52'58	
superior conj	-3770 May 16 j 14:34	23°♈53'01	1°07'17
minimum elong	-3770 May 16 j 12:04	23°♈39'40	1°06'55
max. Earth dist.	-3770 May 19 j 00:12	28°♈58'25	1.33844 AU
	-3770 May 19 j 11:57	0°♉	
evening rise	-3770 May 24 j 06:58	9°♉47'01	
	-3770 Jun 04 j 07:17	0°♊	
desc. node	-3770 Jun 20 j 20:58	24°♊08'51	
	-3770 Jun 26 j 02:51	0°♋	
evening max el	-3770 Jun 27 j 06:38	1°♋08'33	27°21'13
retrograde	-3770 Jul 10 j 19:45	8°♋32'43	
evening set	-3770 Jul 17 j 21:59	5°♋48'30	
min. Earth dist.	-3770 Jul 21 j 14:13	2°♋24'16	0.64216 AU
inferior conj	-3770 Jul 23 j 23:37	29°♊50'15	-3°-32'-39
minimum elong	-3770 Jul 24 j 03:27	29°♊39'59	3°31'36
	-3770 Jul 23 j 20:01	30°℞♊	
morning rise	-3770 Jul 30 j 10:37	24°♊24'13	
direct	-3770 Aug 02 j 02:35	23°♊47'48	
asc. node	-3770 Aug 05 j 13:10	24°♊48'13	
morning max el	-3770 Aug 08 j 14:55	27°♊15'04	18°02'52
	-3770 Aug 11 j 01:04	0°♋	
morning set	-3770 Aug 26 j 02:47	24°♋01'12	
	-3770 Aug 29 j 15:15	0°♌	
superior conj	-3770 Sep 08 j 07:09	16°♌01'00	0°52'49
minimum elong	-3770 Sep 08 j 12:30	16°♌22'44	0°52'16
max. Earth dist.	-3770 Sep 13 j 06:45	24°♌01'38	1.44246 AU
desc. node	-3770 Sep 16 j 20:21	29°♌40'23	
	-3770 Sep 17 j 01:20	0°♍	
evening rise	-3770 Sep 24 j 17:31	11°♍57'31	
	-3770 Oct 06 j 13:31	0°♎	
greatest brilliancy	-3770 Oct 14 j 18:05	11°♎50'33	-0.6m
evening max el	-3770 Oct 21 j 12:26	20°♎09'04	20°13'50
retrograde	-3770 Oct 29 j 07:32	24°♎43'54	
evening set	-3770 Nov 01 j 22:24	23°♎27'50	
asc. node	-3770 Nov 01 j 12:08	23°♎44'51	
inferior conj	-3770 Nov 07 j 10:51	17°♎21'22	1°56'24
minimum elong	-3770 Nov 07 j 08:25	17°♎29'34	1°55'28
min. Earth dist.	-3770 Nov 08 j 05:49	16°♎17'48	0.66729 AU
morning rise	-3770 Nov 12 j 17:50	11°♎04'59	
direct	-3770 Nov 18 j 09:59	8°♎36'59	
morning max el	-3770 Nov 30 j 00:58	15°♎32'04	24°55'47
	-3770 Dec 11 j 23:48	0°♏	
desc. node	-3770 Dec 13 j 20:09	2°♏33'05	
	-3770 Dec 31 j 14:02	0°♐	
morning set	-3769 Jan 05 j 03:10	7°♐53'05	
max. Earth dist.	-3769 Jan 08 j 21:26	14°♐41'31	1.37152 AU
superior conj	-3769 Jan 15 j 07:07	26°♐52'46	-1°-44'-6
minimum elong	-3769 Jan 15 j 09:55	27°♐06'30	1°44'04
	-3769 Jan 16 j 21:08	0°♑	
evening rise	-3769 Jan 23 j 16:34	13°♑38'43	
asc. node	-3769 Jan 28 j 11:14	22°♑58'49	
	-3769 Feb 01 j 09:32	0°♒	
evening max el	-3769 Feb 09 j 18:42	11°♒12'18	19°25'17
retrograde	-3769 Feb 18 j 23:22	15°♒34'38	
evening set	-3769 Feb 21 j 07:04	15°♒19'11	
inferior conj	-3769 Mar 01 j 15:08	11°♒12'00	2°35'55
minimum elong	-3769 Mar 01 j 20:07	11°♒03'49	2°34'29
min. Earth dist.	-3769 Mar 04 j 09:48	9°♒23'09	0.56459 AU
morning rise	-3769 Mar 10 j 05:26	6°♒23'53	
desc. node	-3769 Mar 11 j 19:19	5°♒56'03	
direct	-3769 Mar 14 j 21:48	5°♒33'48	
morning max el	-3769 Mar 29 j 00:12	12°♒44'04	24°51'24
	-3769 Apr 11 j 08:05	0°♓	
morning set	-3769 Apr 23 j 22:30	23°♓36'55	
asc. node	-3769 Apr 26 j 10:47	28°♓57'31	
	-3769 Apr 26 j 22:23	0°♈	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3769 Apr 30 j 23:55	8°♈49'04	0°45'50
minimum elong	-3769 Apr 30 j 22:02	8°♈38'50	0°45'29
max. Earth dist.	-3769 May 02 j 07:30	11°♈39'59	1.33073 AU
evening rise	-3769 May 08 j 07:05	24°♈16'09	
	-3769 May 11 j 03:54	0°♉	
	-3769 May 28 j 23:21	0°♊	
desc. node	-3769 Jun 07 j 18:04	12°♊03'44	
evening max el	-3769 Jun 09 j 15:21	13°♊56'59	27°21'24
retrograde	-3769 Jun 23 j 11:36	21°♊20'20	
evening set	-3769 Jun 30 j 14:19	18°♊52'24	
min. Earth dist.	-3769 Jul 04 j 04:25	15°♊56'18	0.62506 AU
inferior conj	-3769 Jul 07 j 02:59	13°♊07'16	-4°-4'-28
minimum elong	-3769 Jul 07 j 05:59	13°♊00'04	4°03'56
morning rise	-3769 Jul 14 j 00:02	8°♊00'31	
direct	-3769 Jul 16 j 12:59	7°♊31'10	
morning max el	-3769 Jul 23 j 05:39	10°♊55'39	17°56'17
asc. node	-3769 Jul 23 j 10:14	11°♊07'01	
	-3769 Aug 04 j 23:09	0°♋	
morning set	-3769 Aug 08 j 13:21	6°♋24'09	
superior conj	-3769 Aug 19 j 21:17	26°♋15'38	1°25'20
minimum elong	-3769 Aug 20 j 02:30	26°♋37'48	1°24'59
	-3769 Aug 22 j 02:28	0°♌	
max. Earth dist.	-3769 Aug 26 j 19:50	7°♌48'01	1.43039 AU
evening rise	-3769 Sep 03 j 21:57	20°♌41'01	
desc. node	-3769 Sep 03 j 17:19	20°♌22'55	
	-3769 Sep 09 j 23:14	0°♍	
greatest brilliancy	-3769 Sep 29 j 07:08	27°♍36'35	-0.4m
	-3769 Oct 01 j 05:45	0°♎	
evening max el	-3769 Oct 04 j 11:02	3°♎35'05	21°22'42
retrograde	-3769 Oct 13 j 04:13	8°♎45'14	
evening set	-3769 Oct 17 j 06:16	7°♎11'58	
asc. node	-3769 Oct 19 j 09:13	5°♎10'29	
inferior conj	-3769 Oct 22 j 15:57	0°♎57'15	1°06'29
minimum elong	-3769 Oct 22 j 14:28	1°♎02'23	1°05'52
min. Earth dist.	-3769 Oct 22 j 23:51	0°♎30'07	0.67236 AU
	-3769 Oct 23 j 08:38	30°℞♍	
morning rise	-3769 Oct 27 j 22:19	24°♍39'58	
direct	-3769 Nov 01 j 23:09	22°♍32'22	
morning max el	-3769 Nov 12 j 10:02	28°♍47'00	23°30'12
	-3769 Nov 13 j 14:06	0°♎	
greatest brilliancy	-3769 Nov 18 j 19:28	6°♎06'01	-0.2m
desc. node	-3769 Nov 30 j 17:07	22°♎24'26	
	-3769 Dec 05 j 18:52	0°♏	
morning set	-3769 Dec 17 j 10:43	18°♏42'50	
max. Earth dist.	-3769 Dec 21 j 16:54	26°♏01'21	1.39187 AU
	-3769 Dec 23 j 22:56	0°♐	
superior conj	-3769 Dec 29 j 05:29	9°♐37'40	-1°-53'-57
minimum elong	-3769 Dec 29 j 06:41	9°♐43'13	1°54'04
evening rise	-3768 Jan 07 j 11:28	27°♐20'56	
	-3768 Jan 08 j 20:25	0°♑	
asc. node	-3768 Jan 15 j 08:17	11°♑57'59	
evening max el	-3768 Jan 23 j 19:14	23°♑37'20	18°39'40
retrograde	-3768 Jan 31 j 16:11	27°♑26'29	
evening set	-3768 Feb 03 j 02:53	27°♑05'45	
inferior conj	-3768 Feb 10 j 18:09	22°♑39'46	3°35'45
minimum elong	-3768 Feb 10 j 21:47	22°♑32'50	3°35'03
min. Earth dist.	-3768 Feb 14 j 02:36	20°♑07'43	0.58170 AU
morning rise	-3768 Feb 18 j 13:00	17°♑24'13	
direct	-3768 Feb 24 j 10:03	15°♑58'24	
desc. node	-3768 Feb 26 j 16:24	16°♑11'05	
morning max el	-3768 Mar 09 j 16:19	23°♑27'40	26°17'28
	-3768 Mar 15 j 13:39	0°♒	
	-3768 Apr 03 j 04:08	0°♓	
morning set	-3768 Apr 07 j 09:57	8°♓36'57	
asc. node	-3768 Apr 12 j 07:47	19°♓08'49	
superior conj	-3768 Apr 14 j 11:16	23°♓50'18	0°22'17
minimum elong	-3768 Apr 14 j 10:18	23°♓44'59	0°22'03
max. Earth dist.	-3768 Apr 14 j 19:44	24°♓36'38	1.32655 AU
	-3768 Apr 17 j 07:06	0°♈	
evening rise	-3768 Apr 21 j 13:13	9°♈02'50	
	-3768 May 02 j 13:29	0°♉	
evening max el	-3768 May 21 j 19:21	26°♉07'46	26°48'40
desc. node	-3768 May 24 j 15:09	28°♉37'15	
	-3768 May 26 j 11:10	0°♊	
retrograde	-3768 Jun 04 j 19:49	3°♊27'33	
evening set	-3768 Jun 11 j 12:42	1°♊29'30	
	-3768 Jun 13 j 19:17	30°℞♉	
min. Earth dist.	-3768 Jun 15 j 08:52	28°♉47'47	0.60535 AU
inferior conj	-3768 Jun 18 j 16:29	26°♉00'53	-4°-20'-5
minimum elong	-3768 Jun 18 j 17:14	25°♉59'19	4°19'59
morning rise	-3768 Jun 26 j 00:55	21°♉15'44	
direct	-3768 Jun 28 j 12:40	20°♉51'37	
morning max el	-3768 Jul 05 j 17:49	24°♉23'05	18°08'47
asc. node	-3768 Jul 09 j 07:17	28°♉30'55	
	-3768 Jul 10 j 08:53	0°♊	
morning set	-3768 Jul 21 j 16:42	19°♊36'32	
	-3768 Jul 27 j 06:42	0°♋	
superior conj	-3768 Jul 31 j 14:14	7°♋50'16	1°43'24
minimum elong	-3768 Jul 31 j 16:59	8°♋02'33	1°43'25
max. Earth dist.	-3768 Aug 08 j 03:43	20°♋58'34	1.41355 AU
evening rise	-3768 Aug 13 j 15:49	0°♌03'35	
	-3768 Aug 13 j 14:56	0°♌	
desc. node	-3768 Aug 20 j 14:17	10°♌59'45	
	-3768 Sep 02 j 12:24	0°♍	
greatest brilliancy	-3768 Sep 11 j 08:10	11°♍37'11	-0.3m
evening max el	-3768 Sep 16 j 03:44	17°♍00'55	22°40'14
retrograde	-3768 Sep 25 j 22:42	22°♍49'25	
evening set	-3768 Sep 30 j 14:01	20°♍56'54	
asc. node	-3768 Oct 05 j 06:19	15°♍33'01	
inferior conj	-3768 Oct 05 j 22:29	14°♍37'22	0°13'51
minimum elong	-3768 Oct 05 j 22:09	14°♍38'29	0°13'45
transit middle	-3768 Oct 05 j 22:09	14°♍38'29	0°13'45
transit begin	-3768 Oct 05 j 20:42	14°♍43'32	
transit end	-3768 Oct 05 j 23:37	14°♍33'27	
min. Earth dist.	-3768 Oct 05 j 20:00	14°♍45'56	0.67440 AU
morning rise	-3768 Oct 11 j 06:13	8°♍22'06	
direct	-3768 Oct 15 j 16:18	6°♍36'23	
morning max el	-3768 Oct 24 j 22:33	12°♍06'12	22°04'45
greatest brilliancy	-3768 Oct 29 j 17:24	17°♍32'01	-0.4m
	-3768 Nov 08 j 00:14	0°♎	
desc. node	-3768 Nov 16 j 14:03	12°♎36'01	
morning set	-3768 Nov 26 j 13:25	28°♎07'50	
	-3768 Nov 27 j 17:15	0°♏	
max. Earth dist.	-3768 Dec 02 j 15:52	8°♏07'42	1.41236 AU
superior conj	-3768 Dec 10 j 08:49	21°♏23'24	-1°-53'-23
minimum elong	-3768 Dec 10 j 06:55	21°♏14'58	1°53'27
	-3768 Dec 15 j 03:43	0°♐	
evening rise	-3768 Dec 20 j 19:30	10°♐26'57	
	-3768 Dec 31 j 23:38	0°♑	
asc. node	-3767 Jan 01 j 05:19	0°♑21'13	
evening max el	-3767 Jan 06 j 02:35	6°♑27'19	18°14'06
retrograde	-3767 Jan 13 j 03:15	9°♑59'14	
evening set	-3767 Jan 15 j 16:43	9°♑31'57	
inferior conj	-3767 Jan 22 j 17:18	4°♑43'52	4°00'33
minimum elong	-3767 Jan 22 j 18:10	4°♑41'57	4°00'21
min. Earth dist.	-3767 Jan 26 j 00:11	1°♑50'32	0.60162 AU
	-3767 Jan 28 j 08:55	30°℞♐	
morning rise	-3767 Jan 29 j 16:43	29°♐07'39	
direct	-3767 Feb 05 j 09:32	27°♐03'44	
desc. node	-3767 Feb 12 j 13:28	29°♐12'21	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3767 Feb 13 j 20:31	0°♉	
morning max el	-3767 Feb 19 j 13:55	4°♉42'39	27°17'21
	-3767 Mar 10 j 07:21	0°♒	
morning set	-3767 Mar 22 j 18:50	23°♒27'50	
	-3767 Mar 25 j 21:12	0°♓	
superior conj	-3767 Mar 29 j 22:55	8°♓50'21	0°-2'-33
minimum elong	-3767 Mar 29 j 23:02	8°♓51'01	0°02'35
behind sun begin	-3767 Mar 29 j 18:05	8°♓23'52	
behind sun end	-3767 Mar 30 j 04:00	9°♓18'10	
max. Earth dist.	-3767 Mar 29 j 09:11	7°♓35'17	1.32567 AU
asc. node	-3767 Mar 30 j 04:47	9°♓22'28	
evening rise	-3767 Apr 05 j 22:59	23°♓58'29	
	-3767 Apr 08 j 21:15	0°♈	
	-3767 Apr 26 j 22:56	0°♉	
evening max el	-3767 May 03 j 16:56	7°♉35'46	25°45'14
desc. node	-3767 May 11 j 12:15	13°♉17'19	
retrograde	-3767 May 17 j 18:50	14°♉49'44	
evening set	-3767 May 23 j 13:45	13°♉29'28	
min. Earth dist.	-3767 May 28 j 05:18	10°♉45'14	0.58501 AU
inferior conj	-3767 May 31 j 12:30	8°♉21'39	-4°-10'-43
minimum elong	-3767 May 31 j 09:46	8°♉26'38	4°10'23
morning rise	-3767 Jun 08 j 09:42	3°♉58'43	
direct	-3767 Jun 10 j 21:12	3°♉38'46	
morning max el	-3767 Jun 19 j 00:37	7°♉29'33	18°41'15
asc. node	-3767 Jun 26 j 04:19	16°♉45'44	
	-3767 Jul 03 j 13:28	0°♊	
morning set	-3767 Jul 05 j 08:18	3°♊26'45	
superior conj	-3767 Jul 14 j 04:59	20°♊31'36	1°49'06
minimum elong	-3767 Jul 14 j 05:11	20°♊32'29	1°49'15
	-3767 Jul 19 j 08:31	0°♋	
max. Earth dist.	-3767 Jul 21 j 06:52	3°♋26'27	1.39419 AU
evening rise	-3767 Jul 25 j 10:36	10°♋37'53	
	-3767 Aug 06 j 12:18	0°♌	
desc. node	-3767 Aug 07 j 11:19	1°♌26'56	
	-3767 Aug 29 j 04:47	0°♍	
evening max el	-3767 Aug 29 j 16:11	0°♍28'43	24°00'53
retrograde	-3767 Sep 09 j 14:00	6°♍54'07	
evening set	-3767 Sep 14 j 19:58	4°♍41'50	
	-3767 Sep 18 j 23:25	30°℞♌	
min. Earth dist.	-3767 Sep 19 j 15:56	29°♌04'25	0.67340 AU
inferior conj	-3767 Sep 20 j 04:46	28°♌20'52	0°-39'-45
minimum elong	-3767 Sep 20 j 05:42	28°♌17'42	0°39'18
asc. node	-3767 Sep 22 j 03:24	25°♌46'46	
morning rise	-3767 Sep 25 j 15:38	22°♌10'39	
direct	-3767 Sep 29 j 12:31	20°♌45'34	
morning max el	-3767 Oct 07 j 17:32	25°♌34'14	20°46'38
	-3767 Oct 11 j 15:00	0°♍	
greatest brilliancy	-3767 Oct 13 j 17:00	2°♍39'23	-0.5m
	-3767 Nov 01 j 11:35	0°♎	
desc. node	-3767 Nov 03 j 11:01	3°♎02'24	
morning set	-3767 Nov 05 j 16:47	6°♎30'44	
max. Earth dist.	-3767 Nov 14 j 22:08	21°♎08'35	1.43003 AU
	-3767 Nov 20 j 07:31	0°♏	
superior conj	-3767 Nov 21 j 11:33	1°♏57'13	-1°-38'-33
minimum elong	-3767 Nov 21 j 05:54	1°♏33'32	1°38'12
evening rise	-3767 Dec 03 j 12:52	22°♏49'31	
	-3767 Dec 07 j 14:12	0°♐	
asc. node	-3767 Dec 19 j 02:22	17°♐58'00	
evening max el	-3767 Dec 20 j 13:58	19°♐35'00	18°08'14
retrograde	-3767 Dec 27 j 04:45	23°♐03'07	
evening set	-3767 Dec 29 j 21:04	22°♐28'26	
inferior conj	-3766 Jan 05 j 09:48	17°♐18'45	3°58'36
minimum elong	-3766 Jan 05 j 08:20	17°♐22'28	3°58'21
min. Earth dist.	-3766 Jan 08 j 05:59	14°♐27'16	0.62128 AU
morning rise	-3766 Jan 11 j 17:28	11°♐27'49	
direct	-3766 Jan 18 j 18:28	8°♐54'15	
desc. node	-3766 Jan 30 j 10:31	14°♐30'29	
morning max el	-3766 Feb 01 j 17:52	16°♐38'39	27°42'25
	-3766 Feb 12 j 20:13	0°♑	
	-3766 Mar 02 j 21:38	0°♒	
morning set	-3766 Mar 06 j 23:06	8°♒02'07	
max. Earth dist.	-3766 Mar 12 j 19:51	20°♒21'08	1.32827 AU
superior conj	-3766 Mar 14 j 09:15	23°♒43'17	0°-27'-46
minimum elong	-3766 Mar 14 j 10:30	23°♒50'04	0°27'36
asc. node	-3766 Mar 17 j 01:46	29°♒33'53	
	-3766 Mar 17 j 06:35	0°♓	
evening rise	-3766 Mar 21 j 10:27	8°♓55'46	
	-3766 Apr 01 j 11:11	0°♈	
evening max el	-3766 Apr 15 j 09:23	18°♈29'05	24°19'45
desc. node	-3766 Apr 28 j 09:23	25°♈26'57	
retrograde	-3766 Apr 29 j 06:45	25°♈28'46	
evening set	-3766 May 03 j 18:20	24°♈43'39	
min. Earth dist.	-3766 May 09 j 21:09	21°♈41'39	0.56706 AU
inferior conj	-3766 May 12 j 12:31	20°♈01'24	-3°-25'-57
minimum elong	-3766 May 12 j 06:49	20°♈10'28	3°24'41
morning rise	-3766 May 20 j 23:24	15°♈56'55	
direct	-3766 May 23 j 10:52	15°♈40'19	
morning max el	-3766 Jun 01 j 23:17	20°♈05'19	19°34'09
	-3766 Jun 09 j 17:33	0°♉	
asc. node	-3766 Jun 13 j 01:21	5°♉39'11	
morning set	-3766 Jun 19 j 08:34	17°♉44'59	
	-3766 Jun 25 j 10:50	0°♊	
superior conj	-3766 Jun 27 j 11:48	4°♊02'48	1°45'17
minimum elong	-3766 Jun 27 j 10:12	3°♊54'56	1°45'19
max. Earth dist.	-3766 Jul 03 j 09:01	15°♊19'46	1.37497 AU
evening rise	-3766 Jul 07 j 06:45	22°♊26'57	
	-3766 Jul 11 j 14:47	0°♋	
desc. node	-3766 Jul 25 j 08:21	21°♋38'32	
	-3766 Jul 31 j 07:46	0°♌	
evening max el	-3766 Aug 12 j 02:50	13°♌58'56	25°17'41
retrograde	-3766 Aug 24 j 01:15	20°♌54'08	
evening set	-3766 Aug 29 j 22:17	18°♌24'06	
min. Earth dist.	-3766 Sep 03 j 09:18	13°♌22'52	0.66921 AU
inferior conj	-3766 Sep 04 j 09:05	12°♌05'13	-1°-32'-47
minimum elong	-3766 Sep 04 j 11:14	11°♌58'09	1°31'50
asc. node	-3766 Sep 09 j 00:31	6°♌48'28	
morning rise	-3766 Sep 10 j 00:43	6°♌03'03	
direct	-3766 Sep 13 j 10:28	4°♌55'49	
morning max el	-3766 Sep 20 j 19:49	9°♌10'51	19°40'36
greatest brilliancy	-3766 Sep 29 j 05:32	19°♌51'43	-0.6m
	-3766 Oct 06 j 01:19	0°♍	
morning set	-3766 Oct 15 j 16:21	14°♍49'57	
desc. node	-3766 Oct 21 j 08:00	23°♍38'28	
	-3766 Oct 25 j 09:11	0°♎	
max. Earth dist.	-3766 Oct 28 j 10:47	4°♎51'05	1.44243 AU
superior conj	-3766 Nov 01 j 10:49	11°♎14'34	-1°-6'-54
minimum elong	-3766 Nov 01 j 03:53	10°♎46'42	1°06'10
	-3766 Nov 12 j 21:14	0°♏	
evening rise	-3766 Nov 15 j 10:59	4°♏19'16	
	-3766 Dec 01 j 14:15	0°♐	
evening max el	-3766 Dec 04 j 02:38	2°♐54'12	18°21'23
asc. node	-3766 Dec 05 j 23:26	4°♐35'19	
retrograde	-3766 Dec 10 j 16:12	6°♐29'26	
evening set	-3766 Dec 13 j 12:26	5°♐46'00	
inferior conj	-3766 Dec 19 j 15:48	0°♐16'49	3°38'06
minimum elong	-3766 Dec 19 j 13:02	0°♐24'38	3°37'29
	-3766 Dec 19 j 21:46	30°℞♏	
min. Earth dist.	-3766 Dec 21 j 21:42	27°♏45'20	0.63861 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3766 Dec 25 j 12:07	24°♏15'22	
direct	-3765 Jan 01 j 11:21	21°♏26'34	
morning max el	-3765 Jan 15 j 02:02	29°♏10'49	27°31'22
	-3765 Jan 15 j 21:34	0°♐	
desc. node	-3765 Jan 17 j 07:36	1°♐29'48	
	-3765 Feb 06 j 16:22	0°♑	
morning set	-3765 Feb 18 j 20:13	22°♑11'13	
	-3765 Feb 22 j 16:49	0°♒	
max. Earth dist.	-3765 Feb 23 j 23:42	2°♒40'43	1.33475 AU
superior conj	-3765 Feb 26 j 16:30	8°♒23'12	0°-52'-26
minimum elong	-3765 Feb 26 j 18:47	8°♒35'22	0°52'09
asc. node	-3765 Mar 03 j 22:47	19°♒39'20	
evening rise	-3765 Mar 05 j 21:54	23°♒48'30	
	-3765 Mar 08 j 22:08	0°♓	
evening max el	-3765 Mar 28 j 02:01	29°♓11'48	22°45'37
	-3765 Mar 28 j 22:48	0°♈	
retrograde	-3765 Apr 10 j 06:07	5°♈39'31	
evening set	-3765 Apr 13 j 11:22	5°♈16'50	
desc. node	-3765 Apr 15 j 06:29	4°♈45'42	
min. Earth dist.	-3765 Apr 21 j 11:37	1°♈45'17	0.55502 AU
inferior conj	-3765 Apr 22 j 18:08	1°♈01'21	-2°00'-39
minimum elong	-3765 Apr 22 j 13:04	1°♈08'40	1°59'05
	-3765 Apr 24 j 13:18	30°♓℞	
morning rise	-3765 May 01 j 17:18	27°♓04'33	
direct	-3765 May 04 j 07:12	26°♓48'56	
	-3765 May 13 j 00:47	0°♈	
morning max el	-3765 May 15 j 11:36	2°♈02'19	20°46'52
asc. node	-3765 May 30 j 22:25	25°♈01'57	
	-3765 Jun 02 j 10:28	0°♉	
morning set	-3765 Jun 03 j 14:51	2°♉24'18	
superior conj	-3765 Jun 11 j 06:04	18°♉10'34	1°34'22
minimum elong	-3765 Jun 11 j 03:34	17°♉57'48	1°34'14
max. Earth dist.	-3765 Jun 15 j 16:50	27°♉06'24	1.35809 AU
	-3765 Jun 17 j 04:28	0°♊	
evening rise	-3765 Jun 19 j 23:42	5°♊19'35	
	-3765 Jul 04 j 10:18	0°♋	
desc. node	-3765 Jul 12 j 05:23	11°♋27'28	
evening max el	-3765 Jul 25 j 13:52	27°♋30'18	26°22'30
	-3765 Jul 28 j 07:49	0°♌	
retrograde	-3765 Aug 07 j 07:45	4°♌43'59	
evening set	-3765 Aug 13 j 18:50	2°♌01'20	
	-3765 Aug 15 j 20:47	30°♋℞	
min. Earth dist.	-3765 Aug 17 j 21:41	27°♋38'20	0.66164 AU
inferior conj	-3765 Aug 19 j 09:32	25°♋48'01	-2°-23'-26
minimum elong	-3765 Aug 19 j 12:43	25°♋38'10	2°22'11
morning rise	-3765 Aug 25 j 07:30	19°♋57'07	
asc. node	-3765 Aug 26 j 21:39	19°♋16'20	
direct	-3765 Aug 28 j 08:31	19°♋04'17	
morning max el	-3765 Sep 04 j 04:27	22°♋54'06	18°49'26
	-3765 Sep 09 j 21:25	0°♌	
morning set	-3765 Sep 25 j 10:09	24°♌06'04	
	-3765 Sep 29 j 03:12	0°♍	
desc. node	-3765 Oct 08 j 04:57	14°♍20'20	
max. Earth dist.	-3765 Oct 11 j 03:39	18°♍58'51	1.44817 AU
superior conj	-3765 Oct 11 j 13:34	19°♍37'52	0°-21'-14
minimum elong	-3765 Oct 11 j 10:47	19°♍26'54	0°20'50
	-3765 Oct 18 j 03:07	0°♎	
evening rise	-3765 Oct 27 j 09:26	14°♎47'07	
	-3765 Nov 05 j 21:05	0°♏	
evening max el	-3765 Nov 17 j 13:59	16°♏19'15	18°52'26
asc. node	-3765 Nov 22 j 20:32	19°♏57'34	
retrograde	-3765 Nov 24 j 09:42	20°♏10'55	
evening set	-3765 Nov 27 j 11:35	19°♏16'40	
inferior conj	-3765 Dec 03 j 07:44	13°♏30'35	3°04'57
minimum elong	-3765 Dec 03 j 04:35	13°♏40'15	3°04'01
min. Earth dist.	-3765 Dec 04 j 23:01	11°♏30'12	0.65261 AU
morning rise	-3765 Dec 08 j 20:32	7°♏21'33	
direct	-3765 Dec 15 j 10:46	4°♏32'26	
morning max el	-3765 Dec 28 j 11:35	12°♏06'53	26°48'27
desc. node	-3764 Jan 04 j 04:39	19°♏40'16	
	-3764 Jan 11 j 21:30	0°♐	
	-3764 Jan 30 j 05:28	0°♑	
morning set	-3764 Feb 02 j 06:40	5°♑43'04	
max. Earth dist.	-3764 Feb 06 j 17:11	14°♑24'50	1.34565 AU
superior conj	-3764 Feb 10 j 18:30	22°♑42'15	-1°-15'-24
minimum elong	-3764 Feb 10 j 21:31	22°♑57'53	1°15'07
	-3764 Feb 14 j 06:08	0°♒	
evening rise	-3764 Feb 18 j 07:26	8°♒29'35	
asc. node	-3764 Feb 18 j 19:48	9°♒33'27	
	-3764 Feb 29 j 22:09	0°♓	
evening max el	-3764 Mar 09 j 00:55	10°♓09'38	21°16'03
retrograde	-3764 Mar 20 j 20:05	15°♓48'48	
evening set	-3764 Mar 23 j 07:39	15°♓34'41	
desc. node	-3764 Apr 01 j 03:37	11°♓49'53	
inferior conj	-3764 Apr 01 j 13:40	11°♓35'43	0°-6'-58
minimum elong	-3764 Apr 01 j 13:20	11°♓36'11	0°06'55
transit middle	-3764 Apr 01 j 13:20	11°♓36'11	0°06'55
transit begin	-3764 Apr 01 j 09:39	11°♓41'24	
transit end	-3764 Apr 01 j 17:01	11°♓30'59	
min. Earth dist.	-3764 Apr 02 j 01:39	11°♓18'48	0.55160 AU
morning rise	-3764 Apr 10 j 18:34	7°♓30'11	
direct	-3764 Apr 13 j 19:26	7°♓10'01	
morning max el	-3764 Apr 26 j 12:59	13°♓16'35	22°16'30
	-3764 May 09 j 00:47	0°♈	
asc. node	-3764 May 16 j 19:26	14°♈45'32	
morning set	-3764 May 18 j 00:52	17°♈17'23	
	-3764 May 24 j 01:15	0°♉	
superior conj	-3764 May 25 j 08:11	2°♉43'25	1°18'17
minimum elong	-3764 May 25 j 05:31	2°♉29'23	1°17'59
max. Earth dist.	-3764 May 28 j 10:30	9°♉10'41	1.34458 AU
evening rise	-3764 Jun 02 j 08:04	18°♉59'49	
	-3764 Jun 08 j 05:11	0°♊	
	-3764 Jun 27 j 12:51	0°♋	
desc. node	-3764 Jun 28 j 02:26	0°♋43'59	
evening max el	-3764 Jul 07 j 01:28	10°♋55'05	27°07'23
retrograde	-3764 Jul 20 j 08:52	18°♋16'48	
evening set	-3764 Jul 27 j 07:05	15°♋30'04	
min. Earth dist.	-3764 Jul 31 j 02:44	11°♋45'19	0.65037 AU
inferior conj	-3764 Aug 02 j 03:57	9°♋25'39	-3°-9'-26
minimum elong	-3764 Aug 02 j 07:45	9°♋14'52	3°08'13
morning rise	-3764 Aug 08 j 09:45	3°♋49'26	
direct	-3764 Aug 11 j 04:26	3°♋07'44	
asc. node	-3764 Aug 12 j 18:46	3°♋21'28	
morning max el	-3764 Aug 17 j 17:29	6°♋40'40	18°14'50
	-3764 Sep 02 j 11:19	0°♌	
morning set	-3764 Sep 05 j 07:22	4°♌42'34	
superior conj	-3764 Sep 19 j 15:49	28°♌04'37	0°27'55
minimum elong	-3764 Sep 19 j 19:12	28°♌18'06	0°27'34
	-3764 Sep 20 j 20:49	0°♍	
max. Earth dist.	-3764 Sep 22 j 22:00	3°♍14'52	1.44663 AU
desc. node	-3764 Sep 24 j 01:54	5°♍05'04	
evening rise	-3764 Oct 06 j 07:30	24°♍13'33	
	-3764 Oct 10 j 00:40	0°♎	
greatest brilliancy	-3764 Oct 22 j 15:29	19°♎10'26	-0.7m
evening max el	-3764 Oct 30 j 21:40	29°♎46'28	19°39'54
	-3764 Oct 31 j 02:57	0°♏	
retrograde	-3764 Nov 07 j 06:17	4°♏03'02	
asc. node	-3764 Nov 08 j 17:40	3°♏50'27	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3764 Nov 10 j 15:52	2°♏55'32	
	-3764 Nov 13 j 19:35	30°℞♎	
inferior conj	-3764 Nov 16 j 06:37	26°♎55'31	2°23'13
minimum elong	-3764 Nov 16 j 03:47	27°♎04'48	2°22'12
min. Earth dist.	-3764 Nov 17 j 08:29	25°♎31'06	0.66298 AU
morning rise	-3764 Nov 21 j 15:00	20°♎41'18	
direct	-3764 Nov 27 j 15:52	18°♎03'32	
morning max el	-3764 Dec 09 j 20:44	25°♎16'00	25°41'31
	-3764 Dec 14 j 04:55	0°♏	
desc. node	-3764 Dec 21 j 01:39	8°♏40'55	
	-3763 Jan 04 j 09:22	0°♐	
morning set	-3763 Jan 15 j 01:58	18°♐24'28	
max. Earth dist.	-3763 Jan 18 j 23:08	25°♐39'15	1.36104 AU
	-3763 Jan 21 j 05:15	0°♑	
superior conj	-3763 Jan 24 j 12:39	6°♑32'44	-1°-35'-5
minimum elong	-3763 Jan 24 j 15:48	6°♑48'30	1°34'55
evening rise	-3763 Feb 01 j 13:10	22°♑53'13	
asc. node	-3763 Feb 04 j 16:48	29°♑11'21	
	-3763 Feb 05 j 02:46	0°♒	
evening max el	-3763 Feb 19 j 09:45	21°♒39'31	20°00'22
retrograde	-3763 Mar 01 j 12:22	26°♒27'29	
evening set	-3763 Mar 03 j 19:33	26°♒13'41	
inferior conj	-3763 Mar 12 j 13:06	22°♒13'12	1°44'23
minimum elong	-3763 Mar 12 j 17:14	22°♒06'53	1°42'59
min. Earth dist.	-3763 Mar 14 j 15:40	20°♒56'25	0.55753 AU
desc. node	-3763 Mar 19 j 00:44	18°♒37'06	
morning rise	-3763 Mar 21 j 12:04	17°♒43'05	
direct	-3763 Mar 25 j 11:39	17°♒08'09	
morning max el	-3763 Apr 08 j 06:13	23°♒59'01	23°55'23
	-3763 Apr 13 j 16:41	0°♓	
	-3763 May 01 j 10:14	0°♈	
morning set	-3763 May 02 j 12:47	2°♈18'07	
asc. node	-3763 May 03 j 16:25	4°♈43'49	
superior conj	-3763 May 09 j 15:29	17°♈32'53	0°58'28
minimum elong	-3763 May 09 j 13:12	17°♈20'35	0°58'07
max. Earth dist.	-3763 May 11 j 13:40	21°♈40'09	1.33475 AU
	-3763 May 15 j 13:12	0°♉	
evening rise	-3763 May 17 j 03:26	3°♉14'06	
	-3763 Jun 01 j 00:25	0°♊	
desc. node	-3763 Jun 14 j 23:31	19°♊13'58	
evening max el	-3763 Jun 19 j 11:52	24°♊00'09	27°25'16
	-3763 Jun 27 j 14:55	0°♋	
retrograde	-3763 Jul 03 j 04:02	1°♋23'37	
	-3763 Jul 08 j 08:44	30°℞♊	
evening set	-3763 Jul 10 j 07:44	28°♊44'39	
min. Earth dist.	-3763 Jul 13 j 22:26	25°♊33'50	0.63530 AU
inferior conj	-3763 Jul 16 j 13:39	22°♊51'59	-3°-47'-42
minimum elong	-3763 Jul 16 j 17:16	22°♊42'41	3°46'52
morning rise	-3763 Jul 23 j 04:44	17°♊33'48	
direct	-3763 Jul 25 j 19:18	17°♊00'31	
asc. node	-3763 Jul 30 j 15:51	18°♊55'38	
morning max el	-3763 Aug 01 j 08:22	20°♊25'09	17°57'51
	-3763 Aug 08 j 12:32	0°♋	
morning set	-3763 Aug 18 j 05:50	16°♋30'58	
	-3763 Aug 26 j 01:56	0°♌	
superior conj	-3763 Aug 30 j 14:09	7°♌32'21	1°08'25
minimum elong	-3763 Aug 30 j 19:55	7°♌56'11	1°07'54
max. Earth dist.	-3763 Sep 05 j 14:12	17°♌18'42	1.43805 AU
desc. node	-3763 Sep 10 j 22:51	25°♌49'16	
	-3763 Sep 13 j 15:01	0°♍	
evening rise	-3763 Sep 15 j 13:18	2°♍59'28	
	-3763 Oct 03 j 14:26	0°♎	
greatest brilliancy	-3763 Oct 08 j 00:43	6°♎05'22	-0.5m
evening max el	-3763 Oct 13 j 23:46	13°♎12'41	20°41'42
retrograde	-3763 Oct 22 j 03:31	18°♎01'47	
evening set	-3763 Oct 25 j 22:58	16°♎38'27	
asc. node	-3763 Oct 26 j 14:46	16°♎07'02	
inferior conj	-3763 Oct 31 j 10:02	10°♎27'53	1°35'39
minimum elong	-3763 Oct 31 j 07:57	10°♎34'56	1°34'49
min. Earth dist.	-3763 Nov 01 j 00:03	9°♎40'15	0.66988 AU
morning rise	-3763 Nov 05 j 16:31	4°♎10'56	
direct	-3763 Nov 11 j 02:05	1°♎51'32	
morning max el	-3763 Nov 22 j 05:27	8°♎29'58	24°19'55
desc. node	-3763 Dec 07 j 22:37	28°♎16'36	
	-3763 Dec 09 j 03:22	0°♏	
morning set	-3763 Dec 28 j 00:19	29°♏59'17	
	-3763 Dec 28 j 00:29	0°♐	
max. Earth dist.	-3763 Dec 31 j 20:42	6°♐47'55	1.38004 AU
superior conj	-3762 Jan 07 j 19:27	19°♐44'26	-1°-49'-20
minimum elong	-3762 Jan 07 j 21:44	19°♐55'28	1°49'22
	-3762 Jan 13 j 01:29	0°♑	
evening rise	-3762 Jan 16 j 12:47	6°♑52'29	
asc. node	-3762 Jan 22 j 13:50	18°♑26'48	
	-3762 Jan 29 j 21:02	0°♒	
evening max el	-3762 Feb 02 j 04:56	3°♒45'13	19°03'20
retrograde	-3762 Feb 10 j 18:55	7°♒51'58	
evening set	-3762 Feb 13 j 03:45	7°♒34'30	
inferior conj	-3762 Feb 21 j 04:28	3°♒19'40	3°06'02
minimum elong	-3762 Feb 21 j 09:13	3°♒11'21	3°04'51
min. Earth dist.	-3762 Feb 24 j 06:58	1°♒10'19	0.57128 AU
	-3762 Feb 26 j 03:07	30°℞♑	
morning rise	-3762 Mar 01 j 10:53	28°♑19'03	
desc. node	-3762 Mar 05 j 21:49	27°♑16'32	
direct	-3762 Mar 06 j 15:46	27°♑15'11	
	-3762 Mar 15 j 03:37	0°♒	
morning max el	-3762 Mar 20 j 21:13	4°♒34'58	25°30'36
	-3762 Apr 08 j 03:39	0°♓	
morning set	-3762 Apr 17 j 00:54	17°♓20'45	
asc. node	-3762 Apr 20 j 13:23	24°♓52'01	
	-3762 Apr 22 j 22:00	0°♈	
superior conj	-3762 Apr 24 j 01:54	2°♈32'11	0°36'02
minimum elong	-3762 Apr 24 j 00:23	2°♈23'51	0°35'44
max. Earth dist.	-3762 Apr 24 j 23:35	4°♈30'10	1.32849 AU
evening rise	-3762 May 01 j 06:25	17°♈51'52	
	-3762 May 07 j 10:30	0°♉	
	-3762 May 26 j 18:27	0°♊	
desc. node	-3762 Jun 01 j 20:36	6°♊37'57	
evening max el	-3762 Jun 01 j 18:40	6°♊33'20	27°11'27
retrograde	-3762 Jun 15 j 16:48	13°♊55'44	
evening set	-3762 Jun 22 j 16:59	11°♊38'38	
min. Earth dist.	-3762 Jun 26 j 08:09	8°♊51'02	0.61688 AU
inferior conj	-3762 Jun 29 j 11:32	6°♊00'14	-4°-13'-33
minimum elong	-3762 Jun 29 j 13:46	5°♊55'10	4°13'14
morning rise	-3762 Jul 06 j 13:18	1°♊02'51	
direct	-3762 Jul 09 j 01:36	0°♊35'54	
morning max el	-3762 Jul 15 j 22:26	4°♊01'45	17°59'20
asc. node	-3762 Jul 17 j 12:53	5°♊44'22	
morning set	-3762 Aug 01 j 00:10	29°♊16'47	
	-3762 Aug 01 j 09:39	0°♋	
superior conj	-3762 Aug 11 j 16:13	18°♋23'00	1°34'40
minimum elong	-3762 Aug 11 j 20:31	18°♋41'37	1°34'30
	-3762 Aug 18 j 12:41	0°♌	
max. Earth dist.	-3762 Aug 19 j 01:13	0°♌51'47	1.42365 AU
evening rise	-3762 Aug 25 j 21:17	11°♌53'41	
desc. node	-3762 Aug 28 j 19:50	16°♌30'02	
	-3762 Sep 06 j 17:27	0°♍	
greatest brilliancy	-3762 Sep 21 j 23:47	21°♍08'44	-0.4m
evening max el	-3762 Sep 26 j 19:39	26°♍38'10	21°54'47

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3762 Sep 30 j 15:31	0°♎	
retrograde	-3762 Oct 05 j 23:35	2°♎04'58	
evening set	-3762 Oct 10 j 07:01	0°♎23'37	
	-3762 Oct 10 j 18:19	30°℞♍	
asc. node	-3762 Oct 13 j 11:53	27°♍01'06	
inferior conj	-3762 Oct 15 j 15:59	24°♍06'07	0°44'23
minimum elong	-3762 Oct 15 j 14:58	24°♍09'38	0°43'58
min. Earth dist.	-3762 Oct 15 j 19:21	23°♍54'29	0.67360 AU
morning rise	-3762 Oct 20 j 22:41	17°♍49'12	
direct	-3762 Oct 25 j 16:59	15°♍51'09	
morning max el	-3762 Nov 04 j 15:46	21°♍47'12	22°53'18
greatest brilliancy	-3762 Nov 09 j 11:36	27°♍12'40	-0.3m
	-3762 Nov 11 j 17:14	0°♎	
desc. node	-3762 Nov 24 j 19:35	18°♎17'28	
	-3762 Dec 02 j 11:22	0°♏	
morning set	-3762 Dec 08 j 19:50	10°♏13'23	
max. Earth dist.	-3762 Dec 13 j 16:48	18°♏24'43	1.40074 AU
	-3762 Dec 20 j 06:43	0°♐	
superior conj	-3762 Dec 21 j 10:23	2°♐05'41	-1°-55'-12
minimum elong	-3762 Dec 21 j 10:26	2°♐05'55	1°55'21
evening rise	-3762 Dec 31 j 03:31	20°♐20'25	
	-3761 Jan 05 j 07:08	0°♑	
asc. node	-3761 Jan 09 j 10:52	7°♑12'04	
evening max el	-3761 Jan 16 j 08:41	16°♑21'52	18°26'20
retrograde	-3761 Jan 23 j 19:51	20°♑02'06	
evening set	-3761 Jan 26 j 07:35	19°♑38'51	
inferior conj	-3761 Feb 02 j 16:18	15°♑03'47	3°50'08
minimum elong	-3761 Feb 02 j 18:47	14°♑58'43	3°49'43
min. Earth dist.	-3761 Feb 06 j 01:42	12°♑19'24	0.58997 AU
morning rise	-3761 Feb 10 j 02:31	9°♑38'11	
direct	-3761 Feb 16 j 09:13	7°♑55'36	
desc. node	-3761 Feb 20 j 18:54	8°♑44'10	
morning max el	-3761 Mar 02 j 15:33	15°♑30'44	26°46'53
	-3761 Mar 14 j 09:52	0°♒	
	-3761 Mar 31 j 08:50	0°♓	
morning set	-3761 Apr 01 j 11:29	2°♓17'59	
asc. node	-3761 Apr 07 j 10:21	15°♓04'56	
superior conj	-3761 Apr 08 j 13:35	17°♓33'59	0°11'52
minimum elong	-3761 Apr 08 j 13:04	17°♓31'07	0°11'42
behind sun begin	-3761 Apr 08 j 09:42	17°♓12'40	
behind sun end	-3761 Apr 08 j 16:26	17°♓49'34	
max. Earth dist.	-3761 Apr 08 j 12:39	17°♓28'52	1.32568 AU
	-3761 Apr 14 j 07:19	0°♈	
evening rise	-3761 Apr 15 j 14:20	2°♈43'16	
	-3761 Apr 30 j 09:57	0°♉	
evening max el	-3761 May 14 j 19:49	18°♉25'23	26°25'06
desc. node	-3761 May 19 j 17:42	22°♉27'39	
retrograde	-3761 May 28 j 21:44	25°♉44'09	
evening set	-3761 Jun 04 j 06:35	24°♉01'35	
min. Earth dist.	-3761 Jun 08 j 08:58	21°♉20'48	0.59655 AU
inferior conj	-3761 Jun 11 j 18:00	18°♉40'52	-4°-19'-50
minimum elong	-3761 Jun 11 j 17:22	18°♉42'07	4°19'44
morning rise	-3761 Jun 19 j 07:45	14°♉05'28	
direct	-3761 Jun 21 j 19:08	13°♉43'23	
morning max el	-3761 Jun 29 j 08:44	17°♉21'40	18°20'09
asc. node	-3761 Jul 04 j 09:55	23°♉31'30	
	-3761 Jul 08 j 10:40	0°♊	
morning set	-3761 Jul 15 j 09:12	12°♊46'05	
superior conj	-3761 Jul 24 j 19:09	0°♋27'51	1°47'10
minimum elong	-3761 Jul 24 j 20:45	0°♋35'09	1°47'16
	-3761 Jul 24 j 13:04	0°♋	
max. Earth dist.	-3761 Aug 01 j 06:09	13°♋41'25	1.40541 AU
evening rise	-3761 Aug 06 j 01:02	21°♋44'24	
	-3761 Aug 11 j 03:52	0°♌	
desc. node	-3761 Aug 15 j 16:51	7°♌03'16	
	-3761 Aug 31 j 19:48	0°♍	
greatest brilliancy	-3761 Sep 03 j 13:24	3°♍27'20	-0.2m
evening max el	-3761 Sep 09 j 10:12	10°♍04'30	23°14'36
retrograde	-3761 Sep 19 j 16:58	16°♍09'50	
evening set	-3761 Sep 24 j 14:15	14°♍09'03	
inferior conj	-3761 Sep 29 j 22:40	7°♍48'23	0°-8'-50
minimum elong	-3761 Sep 29 j 22:52	7°♍47'40	0°08'42
transit middle	-3761 Sep 29 j 22:52	7°♍47'40	0°08'42
transit begin	-3761 Sep 29 j 20:35	7°♍55'33	
transit end	-3761 Sep 30 j 01:09	7°♍39'48	
min. Earth dist.	-3761 Sep 29 j 15:52	8°♍11'45	0.67429 AU
asc. node	-3761 Sep 30 j 08:59	7°♍12'56	
morning rise	-3761 Oct 05 j 07:29	1°♍34'35	
	-3761 Oct 08 j 20:20	30°℞♌	
direct	-3761 Oct 09 j 11:41	29°♌57'50	
	-3761 Oct 10 j 03:16	0°♍	
morning max el	-3761 Oct 18 j 06:46	5°♍09'58	21°30'15
greatest brilliancy	-3761 Oct 23 j 10:46	11°♍07'21	-0.4m
	-3761 Nov 05 j 23:18	0°♎	
desc. node	-3761 Nov 11 j 16:34	8°♎36'21	
morning set	-3761 Nov 18 j 11:13	19°♎07'49	
	-3761 Nov 25 j 05:15	0°♏	
max. Earth dist.	-3761 Nov 25 j 18:11	0°♏53'10	1.42034 AU
superior conj	-3761 Dec 03 j 04:01	13°♏23'17	-1°-49'-3
minimum elong	-3761 Dec 03 j 00:29	13°♏08'01	1°49'00
	-3761 Dec 12 j 12:15	0°♐	
evening rise	-3761 Dec 14 j 05:54	3°♐09'37	
asc. node	-3761 Dec 27 j 07:57	25°♐17'48	
evening max el	-3761 Dec 30 j 18:14	29°♐21'30	18°09'16
	-3761 Dec 31 j 10:30	0°♑	
retrograde	-3760 Jan 06 j 13:28	2°♑50'00	
evening set	-3760 Jan 09 j 04:07	2°♑19'44	
	-3760 Jan 13 j 00:09	30°℞♐	
inferior conj	-3760 Jan 15 j 23:22	27°♐22'38	4°02'25
minimum elong	-3760 Jan 15 j 23:08	27°♐23'12	4°02'16
min. Earth dist.	-3760 Jan 19 j 02:38	24°♐27'13	0.61019 AU
morning rise	-3760 Jan 22 j 15:34	21°♐39'40	
direct	-3760 Jan 29 j 13:27	19°♐21'13	
desc. node	-3760 Feb 07 j 15:58	22°♐48'40	
morning max el	-3760 Feb 12 j 15:51	27°♐03'15	27°32'23
	-3760 Feb 15 j 11:36	0°♑	
	-3760 Mar 06 j 22:35	0°♒	
morning set	-3760 Mar 15 j 18:41	17°♒03'01	
	-3760 Mar 21 j 20:58	0°♓	
max. Earth dist.	-3760 Mar 22 j 01:15	0°♓23'19	1.32633 AU
superior conj	-3760 Mar 23 j 00:56	2°♓32'17	0°-13'-14
minimum elong	-3760 Mar 23 j 01:32	2°♓35'33	0°13'11
behind sun begin	-3760 Mar 22 j 22:44	2°♓20'16	
behind sun end	-3760 Mar 23 j 04:20	2°♓50'50	
asc. node	-3760 Mar 24 j 07:22	5°♓18'26	
evening rise	-3760 Mar 30 j 01:05	17°♓40'50	
	-3760 Apr 05 j 04:20	0°♈	
evening max el	-3760 Apr 25 j 15:00	29°♈37'17	25°10'53
	-3760 Apr 26 j 00:36	0°♉	
desc. node	-3760 May 05 j 14:48	6°♉07'55	
retrograde	-3760 May 09 j 16:19	6°♉46'27	
evening set	-3760 May 14 j 22:22	5°♉42'32	
min. Earth dist.	-3760 May 20 j 03:20	2°♉52'01	0.57688 AU
inferior conj	-3760 May 23 j 05:41	0°♉44'57	-3°-56'-38
minimum elong	-3760 May 23 j 01:27	0°♉52'15	3°55'57
	-3760 May 24 j 08:05	30°℞♈	
morning rise	-3760 May 31 j 08:37	26°♈30'16	
direct	-3760 Jun 02 j 19:58	26°♈11'55	
	-3760 Jun 11 j 05:28	0°♉	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3760 Jun 11 j 12:20	0°♉15'50	19°01'11
asc. node	-3760 Jun 20 j 06:57	12°♉03'54	
morning set	-3760 Jun 28 j 04:50	26°♉48'51	
	-3760 Jun 29 j 19:35	0°♊	
superior conj	-3760 Jul 06 j 17:18	13°♊31'27	1°48'29
minimum elong	-3760 Jul 06 j 16:37	13°♊28'10	1°48'37
max. Earth dist.	-3760 Jul 13 j 08:01	25°♊51'17	1.38588 AU
	-3760 Jul 15 j 15:47	0°♋	
evening rise	-3760 Jul 17 j 06:58	2°♋51'10	
desc. node	-3760 Aug 01 j 13:52	27°♋24'15	
	-3760 Aug 03 j 08:12	0°♌	
evening max el	-3760 Aug 21 j 21:45	23°♌33'37	24°34'41
	-3760 Aug 31 j 12:12	0°♍	
retrograde	-3760 Sep 02 j 06:33	0°♍12'30	
	-3760 Sep 03 j 23:13	30°℞♌	
evening set	-3760 Sep 07 j 18:53	27°♌52'34	
min. Earth dist.	-3760 Sep 12 j 11:03	22°♌30'05	0.67197 AU
inferior conj	-3760 Sep 13 j 04:20	21°♌32'15	-1°-2'-26
minimum elong	-3760 Sep 13 j 05:48	21°♌27'20	1°01'45
asc. node	-3760 Sep 16 j 06:07	17°♌40'19	
morning rise	-3760 Sep 18 j 17:00	15°♌24'55	
direct	-3760 Sep 22 j 08:58	14°♌07'36	
morning max el	-3760 Sep 30 j 04:42	18°♌40'48	20°16'52
greatest brilliancy	-3760 Oct 07 j 00:22	26°♌58'58	-0.6m
	-3760 Oct 09 j 04:38	0°♍	
morning set	-3760 Oct 27 j 09:54	27°♍19'59	
desc. node	-3760 Oct 28 j 13:32	29°♍07'11	
	-3760 Oct 29 j 03:07	0°♎	
max. Earth dist.	-3760 Nov 07 j 03:30	14°♎14'03	1.43605 AU
superior conj	-3760 Nov 12 j 19:07	23°♎24'29	-1°-27'-13
minimum elong	-3760 Nov 12 j 12:22	22°♎56'45	1°26'39
	-3760 Nov 16 j 18:25	0°♏	
evening rise	-3760 Nov 25 j 15:39	15°♏10'43	
	-3760 Dec 04 j 07:02	0°♐	
asc. node	-3760 Dec 13 j 05:03	12°♐31'24	
evening max el	-3760 Dec 13 j 06:36	12°♐35'19	18°11'34
retrograde	-3760 Dec 19 j 19:40	16°♐04'50	
evening set	-3760 Dec 22 j 13:37	15°♐26'28	
inferior conj	-3760 Dec 28 j 22:05	10°♐08'10	3°51'43
minimum elong	-3760 Dec 28 j 19:56	10°♐13'52	3°51'20
min. Earth dist.	-3760 Dec 31 j 12:22	7°♐23'37	0.62909 AU
morning rise	-3759 Jan 04 j 00:27	4°♐12'41	
direct	-3759 Jan 11 j 01:55	1°♐30'50	
desc. node	-3759 Jan 24 j 13:03	8°♐53'50	
morning max el	-3759 Jan 24 j 21:44	9°♐15'04	27°41'54
	-3759 Feb 10 j 02:12	0°♑	
	-3759 Feb 27 j 02:47	0°♒	
morning set	-3759 Feb 27 j 20:15	1°♒27'29	
max. Earth dist.	-3759 Mar 05 j 09:33	12°♒59'37	1.33061 AU
superior conj	-3759 Mar 07 j 10:11	17°♒20'25	0°-38'-21
minimum elong	-3759 Mar 07 j 11:54	17°♒29'38	0°38'08
asc. node	-3759 Mar 11 j 04:23	25°♒27'55	
	-3759 Mar 13 j 07:06	0°♓	
evening rise	-3759 Mar 14 j 12:47	2°♓37'08	
	-3759 Mar 29 j 16:15	0°♈	
evening max el	-3759 Apr 07 j 06:54	10°♈23'02	23°39'51
retrograde	-3759 Apr 20 j 22:25	17°♈10'39	
desc. node	-3759 Apr 22 j 11:53	17°♈05'11	
evening set	-3759 Apr 24 j 20:22	16°♈36'57	
min. Earth dist.	-3759 May 01 j 18:08	13°♈24'03	0.56109 AU
inferior conj	-3759 May 03 j 21:20	12°♈06'57	-2°-54'-30
minimum elong	-3759 May 03 j 15:18	12°♈16'04	2°52'55
morning rise	-3759 May 12 j 13:48	8°♈07'22	
direct	-3759 May 15 j 02:03	7°♈51'25	

morning max el	-3759 May 25 j 06:41	12°♈35'22	20°02'45
	-3759 Jun 06 j 12:40	0°♉	
asc. node	-3759 Jun 07 j 04:00	1°♉10'57	
morning set	-3759 Jun 12 j 07:59	11°♉17'16	
superior conj	-3759 Jun 20 j 05:29	27°♉19'42	1°41'23
minimum elong	-3759 Jun 20 j 03:25	27°♉09'17	1°41'22
	-3759 Jun 21 j 13:40	0°♊	
max. Earth dist.	-3759 Jun 25 j 12:23	7°♊40'31	1.36744 AU
evening rise	-3759 Jun 29 j 12:39	15°♊09'09	
	-3759 Jul 08 j 02:17	0°♋	
desc. node	-3759 Jul 19 j 10:54	17°♋27'18	
	-3759 Jul 28 j 22:13	0°♌	
evening max el	-3759 Aug 04 j 08:34	7°♌05'30	25°47'17
retrograde	-3759 Aug 16 j 15:38	14°♌09'10	
evening set	-3759 Aug 22 j 19:00	11°♌32'55	
min. Earth dist.	-3759 Aug 27 j 02:30	6°♌47'59	0.66644 AU
inferior conj	-3759 Aug 28 j 07:14	5°♌16'19	-1°-54'-41
minimum elong	-3759 Aug 28 j 09:52	5°♌07'54	1°53'34
	-3759 Sep 02 j 02:08	30°℞♋	
morning rise	-3759 Sep 03 j 01:22	29°♋18'40	
asc. node	-3759 Sep 03 j 03:13	29°♋15'49	
direct	-3759 Sep 06 j 07:13	28°♋17'52	
	-3759 Sep 10 j 17:55	0°♌	
morning max el	-3759 Sep 13 j 09:53	2°♌20'41	19°16'59
greatest brilliancy	-3759 Sep 24 j 10:01	17°♌02'38	-0.7m
	-3759 Oct 02 j 19:31	0°♍	
morning set	-3759 Oct 06 j 15:11	5°♍58'18	
desc. node	-3759 Oct 15 j 10:32	19°♍46'13	
max. Earth dist.	-3759 Oct 20 j 18:57	28°♍11'56	1.44577 AU
	-3759 Oct 21 j 22:16	0°♎	
superior conj	-3759 Oct 23 j 07:56	2°♎13'29	0°-48'-47
minimum elong	-3759 Oct 23 j 02:06	1°♎50'19	0°48'05
evening rise	-3759 Nov 07 j 04:10	26°♎15'14	
	-3759 Nov 09 j 10:37	0°♏	
evening max el	-3759 Nov 26 j 19:00	25°♏57'21	18°32'24
asc. node	-3759 Nov 30 j 02:08	28°♏38'45	
retrograde	-3759 Dec 03 j 10:14	29°♏38'30	
evening set	-3759 Dec 06 j 08:42	28°♏50'36	
inferior conj	-3759 Dec 12 j 08:43	23°♏13'33	3°25'18
minimum elong	-3759 Dec 12 j 05:41	23°♏22'27	3°24'32
min. Earth dist.	-3759 Dec 14 j 08:09	20°♏54'43	0.64503 AU
morning rise	-3759 Dec 18 j 01:25	17°♏08'34	
direct	-3759 Dec 24 j 21:25	14°♏18'21	
morning max el	-3758 Jan 07 j 06:57	21°♏59'13	27°16'39
desc. node	-3758 Jan 11 j 10:07	26°♏26'18	
	-3758 Jan 14 j 09:03	0°♐	
	-3758 Feb 03 j 05:56	0°♑	
morning set	-3758 Feb 11 j 13:19	15°♑22'04	
max. Earth dist.	-3758 Feb 16 j 09:37	25°♑05'44	1.33892 AU
	-3758 Feb 18 j 18:12	0°♒	
superior conj	-3758 Feb 19 j 15:29	1°♒52'05	-1°-2'-29
minimum elong	-3758 Feb 19 j 18:08	2°♒06'03	1°02'10
asc. node	-3758 Feb 26 j 01:24	15°♒29'04	
evening rise	-3758 Feb 26 j 23:39	17°♒25'45	
	-3758 Mar 05 j 07:13	0°♓	
evening max el	-3758 Mar 20 j 01:21	21°♓08'28	22°06'07
retrograde	-3758 Apr 01 j 16:57	27°♓17'18	
evening set	-3758 Apr 04 j 12:58	26°♓59'29	
desc. node	-3758 Apr 09 j 09:01	25°♓17'18	
inferior conj	-3758 Apr 13 j 21:06	22°♓52'41	-1°-14'-18
minimum elong	-3758 Apr 13 j 17:44	22°♓57'27	1°13'12
min. Earth dist.	-3758 Apr 13 j 08:00	23°♓11'11	0.55244 AU
morning rise	-3758 Apr 22 j 23:58	18°♓54'52	
direct	-3758 Apr 25 j 17:06	18°♓38'18	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3758 May 07 j 14:15	24°♓13'50	21°23'22
	-3758 May 12 j 17:44	0°♈	
asc. node	-3758 May 25 j 01:01	20°♈43'17	
morning set	-3758 May 27 j 16:06	26°♈03'23	
	-3758 May 29 j 13:41	0°♉	
superior conj	-3758 Jun 04 j 03:29	11°♉39'30	1°28'05
minimum elong	-3758 Jun 04 j 00:50	11°♉25'47	1°27'52
max. Earth dist.	-3758 Jun 08 j 00:13	19°♉32'51	1.35185 AU
evening rise	-3758 Jun 12 j 12:44	28°♉23'33	
	-3758 Jun 13 j 09:06	0°♊	
	-3758 Jul 01 j 07:28	0°♋	
desc. node	-3758 Jul 06 j 07:55	7°♋03'51	
evening max el	-3758 Jul 17 j 19:41	20°♋34'23	26°44'25
retrograde	-3758 Jul 30 j 19:51	27°♋52'48	
evening set	-3758 Aug 06 j 12:20	25°♋06'48	
min. Earth dist.	-3758 Aug 10 j 11:51	21°♋00'36	0.65732 AU
inferior conj	-3758 Aug 12 j 05:21	18°♋56'56	-2°-43'-40
minimum elong	-3758 Aug 12 j 08:52	18°♋46'26	2°42'24
morning rise	-3758 Aug 18 j 06:30	13°♋12'13	
direct	-3758 Aug 21 j 04:32	12°♋24'35	
asc. node	-3758 Aug 21 j 00:19	12°♋24'45	
morning max el	-3758 Aug 27 j 20:44	16°♋06'01	18°32'41
	-3758 Sep 07 j 00:39	0°♌	
morning set	-3758 Sep 16 j 20:16	15°♌47'33	
	-3758 Sep 25 j 16:33	0°♍	
superior conj	-3758 Oct 02 j 07:24	10°♍29'09	0°00'01
minimum elong	-3758 Oct 02 j 07:25	10°♍29'12	0°00'04
behind sun begin	-3758 Oct 01 j 20:24	9°♍45'45	
behind sun end	-3758 Oct 02 j 18:26	11°♍12'38	
desc. node	-3758 Oct 02 j 07:29	10°♍29'27	
max. Earth dist.	-3758 Oct 03 j 12:46	12°♍24'53	1.44836 AU
	-3758 Oct 14 j 16:48	0°♎	
evening rise	-3758 Oct 18 j 15:54	6°♎15'37	
	-3758 Nov 02 j 22:07	0°♏	
evening max el	-3758 Nov 10 j 04:55	9°♏22'50	19°10'43
asc. node	-3758 Nov 16 j 23:13	13°♏24'12	
retrograde	-3758 Nov 17 j 05:29	13°♏24'36	
evening set	-3758 Nov 20 j 10:18	12°♏25'06	
inferior conj	-3758 Nov 26 j 03:55	6°♏32'30	2°48'10
minimum elong	-3758 Nov 26 j 00:50	6°♏42'16	2°47'09
min. Earth dist.	-3758 Nov 27 j 13:17	4°♏47'03	0.65737 AU
morning rise	-3758 Dec 01 j 14:28	0°♏20'42	
	-3758 Dec 02 j 00:12	30°℞♎	
direct	-3758 Dec 07 j 23:14	27°♎35'20	
	-3758 Dec 14 j 16:56	0°♏	
morning max el	-3758 Dec 20 j 16:42	5°♏02'48	26°22'31
desc. node	-3758 Dec 29 j 07:10	15°♏00'14	
	-3757 Jan 08 j 21:54	0°♐	
morning set	-3757 Jan 25 j 18:03	28°♐35'02	
	-3757 Jan 26 j 12:05	0°♑	
max. Earth dist.	-3757 Jan 29 j 22:21	6°♑36'41	1.35161 AU
superior conj	-3757 Feb 03 j 14:32	16°♑00'17	-1°-24'-16
minimum elong	-3757 Feb 03 j 17:42	16°♑16'29	1°24'01
	-3757 Feb 10 j 08:30	0°♒	
evening rise	-3757 Feb 11 j 07:52	2°♒00'36	
asc. node	-3757 Feb 12 j 22:25	5°♒17'17	
	-3757 Feb 27 j 22:47	0°♓	
evening max el	-3757 Mar 02 j 04:13	2°♓19'13	20°41'48
retrograde	-3757 Mar 13 j 06:47	7°♓36'40	
evening set	-3757 Mar 15 j 14:57	7°♓23'30	
inferior conj	-3757 Mar 24 j 16:41	3°♓25'49	0°42'27
minimum elong	-3757 Mar 24 j 18:35	3°♓23'03	0°41'43
min. Earth dist.	-3757 Mar 25 j 22:16	2°♓43'03	0.55296 AU
desc. node	-3757 Mar 27 j 06:08	1°♓57'59	
	-3757 Mar 31 j 07:25	30°℞♒	
morning rise	-3757 Apr 02 j 20:36	29°♒11'04	
direct	-3757 Apr 06 j 05:23	28°♒46'24	
	-3757 Apr 11 j 22:33	0°♓	
morning max el	-3757 Apr 19 j 11:55	5°♓14'01	22°58'02
	-3757 May 06 j 15:11	0°♈	
asc. node	-3757 May 11 j 22:01	10°♈34'06	
morning set	-3757 May 12 j 03:10	11°♈00'52	
superior conj	-3757 May 19 j 08:09	26°♈21'07	1°10'17
minimum elong	-3757 May 19 j 05:35	26°♈07'30	1°09'57
	-3757 May 21 j 01:30	0°♉	
max. Earth dist.	-3757 May 21 j 21:53	1°♉46'57	1.33993 AU
evening rise	-3757 May 27 j 02:18	12°♉20'15	
	-3757 Jun 05 j 15:45	0°♊	
desc. node	-3757 Jun 23 j 04:57	26°♊02'38	
	-3757 Jun 26 j 13:46	0°♋	
evening max el	-3757 Jun 30 j 06:51	3°♋51'48	27°18'31
retrograde	-3757 Jul 13 j 18:45	11°♋15'40	
evening set	-3757 Jul 20 j 20:05	8°♋30'24	
min. Earth dist.	-3757 Jul 24 j 13:07	5°♋00'58	0.64442 AU
inferior conj	-3757 Jul 26 j 20:23	2°♋30'21	-3°-26'-51
minimum elong	-3757 Jul 27 j 00:14	2°♋19'51	3°25'47
	-3757 Jul 29 j 05:52	30°℞♊	
morning rise	-3757 Aug 02 j 06:00	27°♊01'31	
direct	-3757 Aug 04 j 22:32	26°♊23'53	
asc. node	-3757 Aug 07 j 21:25	27°♊09'02	
morning max el	-3757 Aug 11 j 10:54	29°♊52'29	18°05'20
	-3757 Aug 11 j 13:53	0°♋	
morning set	-3757 Aug 29 j 04:43	26°♋55'32	
	-3757 Aug 31 j 00:22	0°♌	
superior conj	-3757 Sep 11 j 16:19	19°♌16'29	0°46'41
minimum elong	-3757 Sep 11 j 21:19	19°♌36'40	0°46'10
max. Earth dist.	-3757 Sep 16 j 05:56	26°♌35'22	1.44374 AU
	-3757 Sep 18 j 09:38	0°♍	
desc. node	-3757 Sep 19 j 04:24	1°♍14'01	
evening rise	-3757 Sep 28 j 05:11	15°♍19'17	
	-3757 Oct 07 j 18:57	0°♎	
greatest brilliancy	-3757 Oct 17 j 08:09	14°♎01'12	-0.6m
evening max el	-3757 Oct 24 j 10:19	22°♎49'10	20°04'42
retrograde	-3757 Nov 01 j 02:34	27°♎19'04	
asc. node	-3757 Nov 03 j 20:20	26°♎35'30	
evening set	-3757 Nov 04 j 15:59	26°♎05'21	
inferior conj	-3757 Nov 10 j 04:59	20°♎00'34	2°03'39
minimum elong	-3757 Nov 10 j 02:25	20°♎09'06	2°02'40
min. Earth dist.	-3757 Nov 11 j 01:43	18°♎51'29	0.66624 AU
morning rise	-3757 Nov 15 j 12:14	13°♎44'39	
direct	-3757 Nov 21 j 06:43	11°♎13'48	
morning max el	-3757 Dec 03 j 01:27	18°♎13'57	25°08'02
	-3757 Dec 13 j 00:14	0°♏	
desc. node	-3757 Dec 16 j 04:10	4°♏17'01	
	-3756 Jan 01 j 22:59	0°♐	
morning set	-3756 Jan 08 j 05:12	10°♐50'07	
max. Earth dist.	-3756 Jan 11 j 23:36	17°♐42'29	1.36864 AU
superior conj	-3756 Jan 18 j 04:19	29°♐35'26	-1°-41'-58
minimum elong	-3756 Jan 18 j 07:15	29°♐49'53	1°41'52
	-3756 Jan 18 j 09:18	0°♑	
evening rise	-3756 Jan 26 j 11:16	16°♑14'15	
asc. node	-3756 Jan 30 j 19:26	24°♑46'21	
	-3756 Feb 02 j 15:33	0°♒	
evening max el	-3756 Feb 12 j 17:43	14°♒05'08	19°33'51
retrograde	-3756 Feb 22 j 03:48	18°♒33'32	
evening set	-3756 Feb 24 j 11:17	18°♒18'37	
inferior conj	-3756 Mar 03 j 21:54	14°♒13'38	2°23'29
minimum elong	-3756 Mar 04 j 02:47	14°♒05'45	2°22'00

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

min. Earth dist.	-3756 Mar 06 j 12:58	12°♒32'46	0.56254 AU
morning rise	-3756 Mar 12 j 14:44	9°♒30'13	
desc. node	-3756 Mar 13 j 03:15	9°♒20'23	
direct	-3756 Mar 17 j 02:44	8°♒44'28	
morning max el	-3756 Mar 31 j 03:23	15°♒50'13	24°37'02
	-3756 Apr 11 j 11:02	0°♓	
morning set	-3756 Apr 25 j 15:21	26°♓02'53	
asc. node	-3756 Apr 27 j 19:00	0°♈37'00	
	-3756 Apr 27 j 12:05	0°♈	
superior conj	-3756 May 02 j 17:02	11°♈15'34	0°49'14
minimum elong	-3756 May 02 j 15:02	11°♈04'43	0°48'53
max. Earth dist.	-3756 May 04 j 04:14	14°♈25'38	1.33172 AU
evening rise	-3756 May 10 j 01:19	26°♈45'55	
	-3756 May 11 j 15:57	0°♉	
	-3756 May 29 j 00:49	0°♊	
desc. node	-3756 Jun 09 j 02:01	14°♊07'23	
evening max el	-3756 Jun 11 j 16:11	16°♊45'14	27°23'25
retrograde	-3756 Jun 25 j 11:28	24°♊08'28	
evening set	-3756 Jul 02 j 14:44	21°♊37'23	
min. Earth dist.	-3756 Jul 06 j 04:50	18°♊37'44	0.62782 AU
inferior conj	-3756 Jul 09 j 01:31	15°♊50'13	-4°00'-35
minimum elong	-3756 Jul 09 j 04:43	15°♊42'22	3°59'58
morning rise	-3756 Jul 15 j 20:58	10°♊40'18	
direct	-3756 Jul 18 j 10:17	10°♊09'59	
asc. node	-3756 Jul 24 j 18:28	13°♊16'39	
morning max el	-3756 Jul 25 j 01:45	13°♊34'14	17°56'04
	-3756 Aug 05 j 07:35	0°♋	
morning set	-3756 Aug 10 j 12:24	9°♋10'28	
superior conj	-3756 Aug 22 j 02:20	29°♋19'01	1°21'22
minimum elong	-3756 Aug 22 j 07:48	29°♋42'01	1°20'58
	-3756 Aug 22 j 12:04	0°♌	
max. Earth dist.	-3756 Aug 28 j 20:02	10°♌27'24	1.43257 AU
desc. node	-3756 Sep 05 j 01:21	21°♌57'11	
evening rise	-3756 Sep 06 j 09:26	24°♌02'15	
	-3756 Sep 10 j 06:12	0°♍	
greatest brilliancy	-3756 Oct 01 j 01:54	0°♎02'26	-0.5m
	-3756 Oct 01 j 01:09	0°♎	
evening max el	-3756 Oct 06 j 09:53	6°♎15'31	21°11'45
retrograde	-3756 Oct 14 j 23:23	11°♎19'51	
evening set	-3756 Oct 18 j 23:41	9°♎49'12	
asc. node	-3756 Oct 20 j 17:26	8°♎13'45	
inferior conj	-3756 Oct 24 j 09:42	3°♎35'33	1°14'15
minimum elong	-3756 Oct 24 j 08:02	3°♎41'13	1°13'35
min. Earth dist.	-3756 Oct 24 j 19:09	3°♎03'07	0.67185 AU
	-3756 Oct 27 j 02:49	30°℞♍	
morning rise	-3756 Oct 29 j 16:01	27°♍18'20	
direct	-3756 Nov 03 j 19:09	25°♍07'34	
	-3756 Nov 12 j 21:52	0°♎	
morning max el	-3756 Nov 14 j 10:15	1°♎28'16	23°43'08
desc. node	-3756 Dec 02 j 01:08	24°♎04'28	
	-3756 Dec 06 j 01:04	0°♏	
morning set	-3756 Dec 19 j 16:41	21°♏51'13	
max. Earth dist.	-3756 Dec 23 j 19:18	28°♏57'44	1.38879 AU
	-3756 Dec 24 j 09:23	0°♐	
superior conj	-3756 Dec 31 j 04:59	12°♐27'11	-1°-53'-3
minimum elong	-3756 Dec 31 j 06:31	12°♐34'23	1°53'10
evening rise	-3755 Jan 09 j 07:27	0°♑00'33	
	-3755 Jan 09 j 07:20	0°♑	
asc. node	-3755 Jan 16 j 16:28	13°♑49'36	
evening max el	-3755 Jan 25 j 16:53	26°♑24'41	18°45'11
	-3755 Jan 31 j 12:04	0°♒	
retrograde	-3755 Feb 02 j 17:50	0°♒17'51	
evening set	-3755 Feb 05 j 04:06	29°♑57'58	
	-3755 Feb 05 j 00:59	30°℞♑	
inferior conj	-3755 Feb 12 j 21:44	25°♑34'54	3°29'08
minimum elong	-3755 Feb 13 j 01:43	25°♑27'27	3°28'17
min. Earth dist.	-3755 Feb 16 j 05:08	23°♑08'11	0.57888 AU
morning rise	-3755 Feb 20 j 19:39	20°♑23'07	
direct	-3755 Feb 26 j 12:45	19°♑03'14	
desc. node	-3755 Feb 28 j 00:21	19°♑08'38	
morning max el	-3755 Mar 12 j 18:56	26°♑30'04	26°06'06
	-3755 Mar 16 j 02:52	0°♒	
	-3755 Apr 04 j 15:05	0°♓	
morning set	-3755 Apr 10 j 03:02	11°♓03'30	
asc. node	-3755 Apr 14 j 15:59	20°♓47'18	
superior conj	-3755 Apr 17 j 04:11	26°♓16'10	0°25'58
minimum elong	-3755 Apr 17 j 03:04	26°♓10'01	0°25'42
max. Earth dist.	-3755 Apr 17 j 16:04	27°♓21'05	1.32697 AU
	-3755 Apr 18 j 21:12	0°♈	
evening rise	-3755 Apr 24 j 06:42	11°♈30'20	
	-3755 May 03 j 21:29	0°♉	
evening max el	-3755 May 24 j 21:02	29°♉02'05	26°55'33
	-3755 May 25 j 21:57	0°♊	
desc. node	-3755 May 26 j 23:07	0°♊55'03	
retrograde	-3755 Jun 07 j 20:49	6°♊22'17	
evening set	-3755 Jun 14 j 16:03	4°♊18'58	
min. Earth dist.	-3755 Jun 18 j 10:33	1°♊36'19	0.60841 AU
	-3755 Jun 20 j 08:01	30°℞♉	
inferior conj	-3755 Jun 21 j 17:19	28°♉47'50	-4°-19'-11
minimum elong	-3755 Jun 21 j 18:30	28°♉45'17	4°19'01
morning rise	-3755 Jun 28 j 23:59	23°♉59'26	
direct	-3755 Jul 01 j 11:54	23°♉34'34	
morning max el	-3755 Jul 08 j 14:31	27°♉04'07	18°05'43
	-3755 Jul 11 j 05:38	0°♊	
asc. node	-3755 Jul 11 j 15:31	0°♊31'35	
morning set	-3755 Jul 24 j 13:36	22°♊16'20	
	-3755 Jul 28 j 17:41	0°♋	
superior conj	-3755 Aug 03 j 15:36	10°♋42'35	1°41'32
minimum elong	-3755 Aug 03 j 18:46	10°♋56'37	1°41'30
max. Earth dist.	-3755 Aug 11 j 04:58	23°♋44'49	1.41627 AU
	-3755 Aug 14 j 23:48	0°♌	
evening rise	-3755 Aug 17 j 00:18	3°♌16'07	
desc. node	-3755 Aug 22 j 22:21	12°♌35'04	
	-3755 Sep 03 j 15:47	0°♍	
greatest brilliancy	-3755 Sep 14 j 09:33	14°♍21'24	-0.3m
evening max el	-3755 Sep 19 j 03:24	19°♍41'11	22°28'16
retrograde	-3755 Sep 28 j 18:21	25°♍23'58	
evening set	-3755 Oct 03 j 07:36	23°♍34'17	
asc. node	-3755 Oct 07 j 14:33	18°♍42'59	
inferior conj	-3755 Oct 08 j 16:09	17°♍15'09	0°21'55
minimum elong	-3755 Oct 08 j 15:38	17°♍16'55	0°21'44
min. Earth dist.	-3755 Oct 08 j 15:08	17°♍18'38	0.67432 AU
morning rise	-3755 Oct 13 j 23:34	10°♍59'27	
direct	-3755 Oct 18 j 11:44	9°♍10'37	
morning max el	-3755 Oct 27 j 22:10	14°♍47'01	22°17'08
greatest brilliancy	-3755 Nov 01 j 15:25	20°♍06'54	-0.3m
	-3755 Nov 09 j 03:11	0°♎	
desc. node	-3755 Nov 18 j 22:07	14°♎13'28	
	-3755 Nov 29 j 01:44	0°♏	
morning set	-3755 Nov 29 j 23:43	1°♏28'32	
max. Earth dist.	-3755 Dec 05 j 17:34	10°♏56'39	1.40944 AU
superior conj	-3755 Dec 13 j 11:32	24°♏22'21	-1°-54'-18
minimum elong	-3755 Dec 13 j 10:10	24°♏16'18	1°54'25
	-3755 Dec 16 j 14:24	0°♐	
evening rise	-3755 Dec 23 j 17:21	13°♐12'23	
	-3754 Jan 02 j 02:13	0°♑	
asc. node	-3754 Jan 03 j 13:32	2°♑18'44	
evening max el	-3754 Jan 08 j 23:21	9°♑11'00	18°16'37

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3754 Jan 16 j 02:26	12°♉44'46		
evening set	-3754 Jan 18 j 15:26	12°♉18'34		
inferior conj	-3754 Jan 25 j 18:02	7°♉33'46	3°58'42	
minimum elong	-3754 Jan 25 j 19:18	7°♉31'00	3°58'30	
min. Earth dist.	-3754 Jan 29 j 01:52	4°♉41'59	0.59854 AU	
morning rise	-3754 Feb 01 j 20:07	2°♉00'01		
direct	-3754 Feb 08 j 10:35	0°♉01'32		
desc. node	-3754 Feb 14 j 21:27	1°♉45'53		
morning max el	-3754 Feb 22 j 15:44	7°♉39'44	27°10'41	
	-3754 Mar 11 j 13:22	0°♒		
morning set	-3754 Mar 25 j 12:28	25°♒56'31		
	-3754 Mar 27 j 10:51	0°♓		
max. Earth dist.	-3754 Apr 01 j 05:38	10°♓20'38	1.32551 AU	
superior conj	-3754 Apr 01 j 15:56	11°♓17'01	0°01'18	
minimum elong	-3754 Apr 01 j 15:53	11°♓16'42	0°01'13	
behind sun begin	-3754 Apr 01 j 10:53	10°♓49'22		
behind sun end	-3754 Apr 01 j 20:53	11°♓44'02		
asc. node	-3754 Apr 01 j 12:59	11°♓00'51		
evening rise	-3754 Apr 08 j 16:05	26°♓25'14		
	-3754 Apr 10 j 09:30	0°♈		
	-3754 Apr 27 j 18:51	0°♉		
evening max el	-3754 May 06 j 19:31	10°♉36'24	25°56'24	
desc. node	-3754 May 13 j 20:13	15°♉55'03		
retrograde	-3754 May 20 j 21:30	17°♉51'57		
evening set	-3754 May 26 j 20:30	16°♉25'43		
min. Earth dist.	-3754 May 31 j 07:59	13°♉43'02	0.58797 AU	
inferior conj	-3754 Jun 03 j 16:13	11°♉14'23	-4°-14'-16	
minimum elong	-3754 Jun 03 j 14:03	11°♉18'26	4°14'01	
morning rise	-3754 Jun 11 j 11:28	6°♉48'24		
direct	-3754 Jun 13 j 22:56	6°♉27'57		
morning max el	-3754 Jun 21 j 22:24	10°♉14'51	18°35'07	
asc. node	-3754 Jun 28 j 12:34	18°♉39'43		
	-3754 Jul 04 j 23:57	0°♊		
morning set	-3754 Jul 08 j 03:39	6°♊01'34		
superior conj	-3754 Jul 17 j 03:32	23°♊15'15	1°48'55	
minimum elong	-3754 Jul 17 j 04:04	23°♊17'44	1°49'03	
	-3754 Jul 20 j 19:32	0°♋		
max. Earth dist.	-3754 Jul 24 j 08:29	6°♋18'11	1.39714 AU	
evening rise	-3754 Jul 28 j 15:08	13°♋38'49		
	-3754 Aug 07 j 19:07	0°♌		
desc. node	-3754 Aug 09 j 19:21	3°♌03'48		
	-3754 Aug 29 j 17:37	0°♍		
evening max el	-3754 Sep 01 j 16:16	3°♍08'06	23°48'54	
retrograde	-3754 Sep 12 j 10:18	9°♍28'41		
evening set	-3754 Sep 17 j 13:59	7°♍19'18		
inferior conj	-3754 Sep 22 j 22:37	0°♍58'11	0°-31'-39	
minimum elong	-3754 Sep 22 j 23:22	0°♍55'39	0°31'16	
min. Earth dist.	-3754 Sep 22 j 11:20	1°♍36'37	0.67375 AU	
	-3754 Sep 23 j 15:47	30°℞♌		
asc. node	-3754 Sep 24 j 11:41	28°♌54'03		
morning rise	-3754 Sep 28 j 08:55	24°♌46'57		
direct	-3754 Oct 02 j 07:35	23°♌19'00		
morning max el	-3754 Oct 10 j 16:08	28°♌13'38	20°57'32	
	-3754 Oct 12 j 07:48	0°♍		
greatest brilliancy	-3754 Oct 16 j 09:48	4°♍58'17	-0.5m	
	-3754 Nov 02 j 18:30	0°♎		
desc. node	-3754 Nov 05 j 19:06	4°♎37'50		
morning set	-3754 Nov 09 j 05:40	9°♎57'50		
max. Earth dist.	-3754 Nov 17 j 22:30	23°♎48'56	1.42766 AU	
	-3754 Nov 21 j 16:50	0°♏		
superior conj	-3754 Nov 24 j 18:16	5°♏07'34	-1°-41'-51	
minimum elong	-3754 Nov 24 j 13:07	4°♏45'51	1°41'36	
evening rise	-3754 Dec 06 j 13:14	25°♏42'05		
	-3754 Dec 08 j 23:02	0°♐		
asc. node	-3754 Dec 21 j 10:37	20°♐03'30		
evening max el	-3754 Dec 23 j 10:21	22°♐16'39	18°07'53	
retrograde	-3754 Dec 30 j 02:04	25°♐44'34		
evening set	-3753 Jan 01 j 17:53	25°♐11'08		
inferior conj	-3753 Jan 08 j 08:13	20°♐04'43	4°00'13	
minimum elong	-3753 Jan 08 j 07:02	20°♐07'39	4°00'01	
min. Earth dist.	-3753 Jan 11 j 06:26	17°♐11'26	0.61844 AU	
morning rise	-3753 Jan 14 j 17:56	14°♐15'36		
direct	-3753 Jan 21 j 18:27	11°♐45'24		
desc. node	-3753 Feb 01 j 18:33	16°♐45'47		
morning max el	-3753 Feb 04 j 18:50	19°♐29'44	27°41'04	
	-3753 Feb 13 j 18:53	0°♑		
	-3753 Mar 04 j 08:40	0°♒		
morning set	-3753 Mar 09 j 17:35	10°♒33'39		
max. Earth dist.	-3753 Mar 15 j 16:51	23°♒08'30	1.32757 AU	
superior conj	-3753 Mar 17 j 02:34	26°♒11'16	0°-23'-56	
minimum elong	-3753 Mar 17 j 03:39	26°♒17'08	0°23'49	
	-3753 Mar 18 j 20:37	0°♓		
asc. node	-3753 Mar 19 j 09:59	1°♓12'49		
evening rise	-3753 Mar 24 j 03:24	11°♓22'25		
	-3753 Apr 02 j 17:36	0°♈		
evening max el	-3753 Apr 18 j 12:29	21°♈33'32	24°33'29	
desc. node	-3753 Apr 30 j 17:21	28°♈29'24		
retrograde	-3753 May 02 j 11:24	28°♈36'31		
evening set	-3753 May 07 j 03:48	27°♈46'54		
min. Earth dist.	-3753 May 13 j 00:29	24°♈48'13	0.56941 AU	
inferior conj	-3753 May 15 j 19:17	23°♈00'25	-3°-35'-25	
minimum elong	-3753 May 15 j 13:52	23°♈09'13	3°34'19	
morning rise	-3753 May 24 j 04:06	18°♈53'36		
direct	-3753 May 26 j 15:26	18°♈36'39		
morning max el	-3753 Jun 04 j 22:27	22°♈55'48	19°24'56	
	-3753 Jun 10 j 19:22	0°♉		
asc. node	-3753 Jun 15 j 09:36	7°♉27'51		
morning set	-3753 Jun 22 j 02:49	20°♉15'58		
	-3753 Jun 26 j 23:28	0°♊		
superior conj	-3753 Jun 30 j 08:16	6°♊39'45	1°46'21	
minimum elong	-3753 Jun 30 j 06:53	6°♊32'59	1°46'26	
max. Earth dist.	-3753 Jul 06 j 10:11	18°♊14'16	1.37777 AU	
evening rise	-3753 Jul 10 j 07:44	25°♊17'19		
	-3753 Jul 13 j 00:32	0°♋		
desc. node	-3753 Jul 27 j 16:22	23°♋17'55		
	-3753 Aug 01 j 09:30	0°♌		
evening max el	-3753 Aug 15 j 03:05	16°♌38'02	25°06'50	
retrograde	-3753 Aug 26 j 22:14	23°♌29'31		
evening set	-3753 Sep 01 j 16:59	21°♌02'02		
min. Earth dist.	-3753 Sep 06 j 05:19	15°♌55'07	0.67004 AU	
inferior conj	-3753 Sep 07 j 03:22	14°♌42'35	-1°-24'-52	
minimum elong	-3753 Sep 07 j 05:21	14°♌36'03	1°23'58	
asc. node	-3753 Sep 11 j 08:48	9°♌45'23		
morning rise	-3753 Sep 12 j 18:11	8°♌38'52		
direct	-3753 Sep 16 j 05:26	7°♌29'09		
morning max el	-3753 Sep 23 j 17:19	11°♌48'45	19°49'28	
greatest brilliancy	-3753 Oct 01 j 15:33	21°♌45'57	-0.6m	
	-3753 Oct 07 j 06:42	0°♍		
morning set	-3753 Oct 19 j 04:13	18°♍12'57		
desc. node	-3753 Oct 23 j 16:04	25°♍12'36		
	-3753 Oct 26 j 17:25	0°♎		
max. Earth dist.	-3753 Oct 31 j 10:10	7°♎25'44	1.44098 AU	
superior conj	-3753 Nov 04 j 21:34	14°♎36'09	-1°-12'-46	
minimum elong	-3753 Nov 04 j 14:30	14°♎07'37	1°12'03	
	-3753 Nov 14 j 06:09	0°♏		
evening rise	-3753 Nov 18 j 14:31	7°♏20'19		
	-3753 Dec 02 j 11:10	0°♐		
evening max el	-3753 Dec 06 j 23:04	5°♐34'56	18°18'16	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3753 Dec 08 j 07:43	6°♐51'03	
retrograde	-3753 Dec 13 j 12:14	9°♐08'17	
evening set	-3753 Dec 16 j 07:51	8°♐26'13	
inferior conj	-3753 Dec 22 j 12:28	2°♐59'54	3°42'06
minimum elong	-3753 Dec 22 j 09:50	3°♐07'14	3°41'32
min. Earth dist.	-3753 Dec 24 j 20:37	0°♐24'32	0.63627 AU
	-3753 Dec 25 j 05:48	30°℞♏	
morning rise	-3753 Dec 28 j 10:14	26°♏59'56	
direct	-3752 Jan 04 j 10:21	24°♏12'18	
	-3752 Jan 16 j 00:44	0°♐	
morning max el	-3752 Jan 18 j 02:27	1°♐56'51	27°35'07
desc. node	-3752 Jan 19 j 15:37	3°♐31'55	
	-3752 Feb 07 j 23:38	0°♑	
morning set	-3752 Feb 21 j 15:54	24°♑46'42	
	-3752 Feb 24 j 05:56	0°♒	
max. Earth dist.	-3752 Feb 26 j 21:51	5°♒32'03	1.33355 AU
superior conj	-3752 Feb 29 j 10:23	10°♒53'16	0°-48'-47
minimum elong	-3752 Feb 29 j 12:32	11°♒04'43	0°48'30
asc. node	-3752 Mar 05 j 07:00	21°♒19'16	
evening rise	-3752 Mar 07 j 14:56	26°♒15'55	
	-3752 Mar 09 j 10:06	0°♓	
	-3752 Mar 27 j 23:50	0°♈	
evening max el	-3752 Mar 30 j 04:43	2°♈15'38	22°59'37
retrograde	-3752 Apr 12 j 12:20	8°♈48'55	
evening set	-3752 Apr 15 j 21:29	8°♈23'55	
desc. node	-3752 Apr 16 j 14:27	8°♈12'40	
min. Earth dist.	-3752 Apr 23 j 14:58	4°♈57'38	0.55632 AU
inferior conj	-3752 Apr 25 j 03:11	4°♈05'01	-2°-15'-57
minimum elong	-3752 Apr 24 j 21:42	4°♈13'00	2°14'19
morning rise	-3752 May 04 j 00:43	0°♈07'51	
	-3752 May 04 j 19:02	30°℞♓	
direct	-3752 May 06 j 14:02	29°♓52'15	
	-3752 May 08 j 08:18	0°♈	
morning max el	-3752 May 17 j 12:16	4°♈57'55	20°34'53
asc. node	-3752 Jun 01 j 06:37	26°♈46'08	
	-3752 Jun 02 j 22:18	0°♉	
morning set	-3752 Jun 05 j 08:19	4°♉52'05	
superior conj	-3752 Jun 13 j 01:01	20°♉42'12	1°36'23
minimum elong	-3752 Jun 12 j 22:36	20°♉29'56	1°36'17
max. Earth dist.	-3752 Jun 17 j 16:55	0°♊00'16	1.36040 AU
	-3752 Jun 17 j 16:51	0°♊	
evening rise	-3752 Jun 21 j 21:54	8°♊01'03	
	-3752 Jul 04 j 17:10	0°♋	
desc. node	-3752 Jul 13 j 13:23	13°♋10'37	
	-3752 Jul 27 j 10:04	0°♌	
evening max el	-3752 Jul 27 j 14:06	0°♌09'53	26°14'00
retrograde	-3752 Aug 09 j 05:23	7°♌21'08	
evening set	-3752 Aug 15 j 14:30	4°♌40'01	
	-3752 Aug 19 j 22:14	30°℞♋	
min. Earth dist.	-3752 Aug 19 j 18:35	0°♌11'14	0.66301 AU
inferior conj	-3752 Aug 21 j 04:30	28°♋25'46	-2°-15'-59
minimum elong	-3752 Aug 21 j 07:34	28°♋16'15	2°14'47
morning rise	-3752 Aug 27 j 01:25	22°♋32'55	
asc. node	-3752 Aug 28 j 05:54	21°♋58'54	
direct	-3752 Aug 30 j 03:38	21°♋38'05	
morning max el	-3752 Sep 06 j 01:04	25°♋30'57	18°56'00
	-3752 Sep 09 j 20:19	0°♌	
morning set	-3752 Sep 27 j 18:21	27°♌18'06	
	-3752 Sep 29 j 11:15	0°♍	
desc. node	-3752 Oct 09 j 13:00	15°♍53'32	
max. Earth dist.	-3752 Oct 13 j 02:50	21°♍31'37	1.44781 AU
superior conj	-3752 Oct 14 j 02:19	23°♍04'13	0°-28'-40
minimum elong	-3752 Oct 13 j 22:36	22°♍49'35	0°28'11
	-3752 Oct 18 j 11:30	0°♎	
evening rise	-3752 Oct 29 j 16:39	17°♎57'28	
	-3752 Nov 06 j 03:17	0°♏	
evening max el	-3752 Nov 19 j 10:47	18°♏59'13	18°46'43
asc. node	-3752 Nov 24 j 04:49	22°♏25'25	
retrograde	-3752 Nov 26 j 05:02	22°♏47'43	
evening set	-3752 Nov 29 j 06:01	21°♏55'08	
inferior conj	-3752 Dec 05 j 03:06	16°♏11'19	3°10'35
minimum elong	-3752 Dec 04 j 23:57	16°♏20'51	3°09'41
min. Earth dist.	-3752 Dec 06 j 20:26	14°♏06'02	0.65080 AU
morning rise	-3752 Dec 10 j 16:49	10°♏03'21	
direct	-3752 Dec 17 j 08:45	7°♏13'35	
morning max el	-3752 Dec 30 j 11:53	14°♏49'47	26°56'33
desc. node	-3751 Jan 05 j 12:39	21°♏32'53	
	-3751 Jan 11 j 23:35	0°♐	
	-3751 Jan 30 j 16:10	0°♑	
morning set	-3751 Feb 04 j 04:09	8°♑24'30	
max. Earth dist.	-3751 Feb 08 j 17:06	17°♑21'40	1.34380 AU
superior conj	-3751 Feb 12 j 13:18	25°♑15'38	-1°-12'-7
minimum elong	-3751 Feb 12 j 16:14	25°♑30'55	1°11'48
	-3751 Feb 14 j 19:31	0°♒	
evening rise	-3751 Feb 20 j 00:52	10°♒59'00	
asc. node	-3751 Feb 20 j 04:01	11°♒15'20	
	-3751 Mar 02 j 01:25	0°♓	
evening max el	-3751 Mar 12 j 02:18	13°♓09'20	21°28'34
retrograde	-3751 Mar 24 j 02:56	18°♓56'14	
evening set	-3751 Mar 26 j 16:19	18°♓41'25	
desc. node	-3751 Apr 03 j 11:34	15°♓30'58	
inferior conj	-3751 Apr 04 j 23:18	14°♓41'03	0°-24'-50
minimum elong	-3751 Apr 04 j 22:08	14°♓42'42	0°24'29
min. Earth dist.	-3751 Apr 05 j 04:49	14°♓33'18	0.55152 AU
morning rise	-3751 Apr 14 j 04:02	10°♓38'11	
direct	-3751 Apr 17 j 02:36	10°♓19'11	
morning max el	-3751 Apr 29 j 15:05	16°♓17'42	22°02'26
	-3751 May 10 j 06:11	0°♈	
asc. node	-3751 May 19 j 03:37	16°♈26'49	
morning set	-3751 May 20 j 17:53	19°♈43'30	
	-3751 May 25 j 15:01	0°♉	
superior conj	-3751 May 28 j 02:08	5°♉11'47	1°21'00
minimum elong	-3751 May 27 j 23:27	4°♉57'44	1°20'43
max. Earth dist.	-3751 May 31 j 09:09	12°♉01'29	1.34632 AU
evening rise	-3751 Jun 05 j 04:16	21°♉34'55	
	-3751 Jun 09 j 15:44	0°♊	
	-3751 Jun 28 j 12:27	0°♋	
desc. node	-3751 Jun 30 j 10:24	2°♋32'46	
evening max el	-3751 Jul 10 j 01:39	13°♋36'18	27°02'16
retrograde	-3751 Jul 23 j 07:11	20°♋57'09	
evening set	-3751 Jul 30 j 04:08	18°♋10'16	
min. Earth dist.	-3751 Aug 03 j 00:46	14°♋20'06	0.65230 AU
inferior conj	-3751 Aug 04 j 23:56	12°♋04'28	-3°-2'-52
minimum elong	-3751 Aug 05 j 03:41	11°♋53'40	3°01'39
morning rise	-3751 Aug 11 j 04:29	6°♋25'55	
direct	-3751 Aug 14 j 00:00	5°♋42'45	
asc. node	-3751 Aug 15 j 02:58	5°♋49'36	
morning max el	-3751 Aug 20 j 13:36	9°♋17'28	18°18'56
	-3751 Sep 03 j 19:11	0°♌	
morning set	-3751 Sep 08 j 11:29	7°♌42'57	
	-3751 Sep 22 j 05:28	0°♍	
superior conj	-3751 Sep 23 j 03:08	1°♍26'10	0°20'48
minimum elong	-3751 Sep 23 j 05:45	1°♍36'30	0°20'32
max. Earth dist.	-3751 Sep 25 j 21:22	5°♍48'23	1.44735 AU
desc. node	-3751 Sep 26 j 09:56	6°♍37'57	
evening rise	-3751 Oct 09 j 18:08	27°♍32'33	
	-3751 Oct 11 j 07:55	0°♎	
greatest brilliancy	-3751 Oct 24 j 23:59	20°♎59'17	-0.7m

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3751 Oct 31 j 15:06	0°♏	
evening max el	-3751 Nov 02 j 19:04	2°♏25'51	19°31'48
retrograde	-3751 Nov 10 j 01:21	6°♏38'17	
asc. node	-3751 Nov 11 j 01:54	6°♏32'14	
evening set	-3751 Nov 13 j 09:40	5°♏32'52	
	-3751 Nov 18 j 17:15	30°℞♎	
inferior conj	-3751 Nov 19 j 01:06	29°♎34'35	2°29'58
minimum elong	-3751 Nov 18 j 22:11	29°♎44'03	2°28'56
min. Earth dist.	-3751 Nov 20 j 04:49	28°♎04'46	0.66168 AU
morning rise	-3751 Nov 24 j 09:58	23°♎20'56	
direct	-3751 Nov 30 j 12:55	20°♎41'03	
morning max el	-3751 Dec 12 j 21:15	27°♎57'35	25°52'39
	-3751 Dec 14 j 20:10	0°♏	
desc. node	-3751 Dec 23 j 09:41	10°♏26'45	
	-3750 Jan 05 j 16:56	0°♐	
morning set	-3750 Jan 18 j 02:03	21°♐14'15	
max. Earth dist.	-3750 Jan 22 j 00:51	28°♐40'01	1.35849 AU
	-3750 Jan 22 j 17:27	0°♑	
superior conj	-3750 Jan 27 j 08:47	9°♑10'39	-1°-32'-25
minimum elong	-3750 Jan 27 j 11:58	9°♑26'42	1°32'13
evening rise	-3750 Feb 04 j 07:18	25°♑25'34	
	-3750 Feb 06 j 13:44	0°♒	
asc. node	-3750 Feb 07 j 01:02	0°♒56'05	
evening max el	-3750 Feb 22 j 09:30	24°♒33'44	20°10'30
retrograde	-3750 Mar 04 j 18:18	29°♒29'17	
evening set	-3750 Mar 07 j 01:28	29°♒15'48	
inferior conj	-3750 Mar 15 j 21:19	25°♒16'23	1°29'01
minimum elong	-3750 Mar 16 j 00:59	25°♒10'52	1°27'44
min. Earth dist.	-3750 Mar 17 j 18:49	24°♒08'19	0.55605 AU
desc. node	-3750 Mar 21 j 08:42	22°♒11'43	
morning rise	-3750 Mar 24 j 21:57	20°♒50'35	
direct	-3750 Mar 28 j 17:20	20°♒18'52	
morning max el	-3750 Apr 11 j 09:20	27°♒04'06	23°40'36
	-3750 Apr 14 j 05:24	0°♓	
	-3750 May 02 j 22:39	0°♈	
morning set	-3750 May 05 j 05:37	4°♈43'32	
asc. node	-3750 May 06 j 00:35	6°♈23'17	
superior conj	-3750 May 12 j 08:48	19°♈59'20	1°01'41
minimum elong	-3750 May 12 j 06:26	19°♈46'37	1°01'19
max. Earth dist.	-3750 May 14 j 10:57	24°♈26'56	1.33594 AU
	-3750 May 17 j 02:30	0°♉	
evening rise	-3750 May 19 j 22:13	5°♉44'44	
	-3750 Jun 02 j 06:51	0°♊	
desc. node	-3750 Jun 17 j 07:29	21°♊10'48	
evening max el	-3750 Jun 22 j 12:14	26°♊44'36	27°24'30
	-3750 Jun 26 j 06:25	0°♋	
retrograde	-3750 Jul 06 j 03:22	4°♋08'24	
evening set	-3750 Jul 13 j 06:45	1°♋27'12	
	-3750 Jul 15 j 00:54	30°℞♊	
min. Earth dist.	-3750 Jul 16 j 21:52	28°♊11'59	0.63776 AU
inferior conj	-3750 Jul 19 j 11:06	25°♊32'35	-3°-42'-37
minimum elong	-3750 Jul 19 j 14:49	25°♊22'53	3°41'43
morning rise	-3750 Jul 26 j 00:44	20°♊11'41	
direct	-3750 Jul 28 j 15:45	19°♊37'21	
asc. node	-3750 Aug 02 j 00:01	21°♊10'58	
morning max el	-3750 Aug 04 j 04:25	23°♊02'41	17°59'16
	-3750 Aug 09 j 15:45	0°♋	
morning set	-3750 Aug 21 j 06:30	19°♋21'20	
	-3750 Aug 27 j 11:33	0°♌	
superior conj	-3750 Sep 02 j 21:41	10°♌42'40	1°03'09
minimum elong	-3750 Sep 03 j 03:24	11°♌06'06	1°02'37
max. Earth dist.	-3750 Sep 08 j 13:57	19°♌54'39	1.43973 AU
desc. node	-3750 Sep 13 j 06:52	27°♌22'19	
	-3750 Sep 14 j 23:06	0°♍	

evening rise	-3750 Sep 19 j 01:23	6°♍21'48	
	-3750 Oct 04 j 17:38	0°♎	
greatest brilliancy	-3750 Oct 10 j 16:38	8°♎21'39	-0.5m
evening max el	-3750 Oct 16 j 22:03	15°♎52'12	20°31'41
retrograde	-3750 Oct 24 j 22:42	20°♎36'16	
evening set	-3750 Oct 28 j 16:29	19°♎15'32	
asc. node	-3750 Oct 28 j 23:00	19°♎03'20	
inferior conj	-3750 Nov 03 j 04:00	13°♎06'14	1°43'09
minimum elong	-3750 Nov 03 j 01:47	13°♎13'43	1°42'17
min. Earth dist.	-3750 Nov 03 j 19:43	12°♎13'05	0.66903 AU
morning rise	-3750 Nov 08 j 10:36	6°♎49'24	
direct	-3750 Nov 13 j 22:28	4°♎26'58	
morning max el	-3750 Nov 25 j 06:03	11°♎11'33	24°32'37
desc. node	-3750 Dec 10 j 06:41	29°♎58'05	
	-3750 Dec 10 j 07:13	0°♏	
	-3750 Dec 29 j 10:22	0°♐	
morning set	-3750 Dec 31 j 04:00	3°♐00'36	
max. Earth dist.	-3749 Jan 03 j 23:16	9°♐47'27	1.37699 AU
superior conj	-3749 Jan 10 j 17:34	22°♐29'08	-1°-47'-39
minimum elong	-3749 Jan 10 j 20:05	22°♐41'16	1°47'39
	-3749 Jan 14 j 13:36	0°♑	
evening rise	-3749 Jan 19 j 08:02	9°♑29'14	
asc. node	-3749 Jan 24 j 22:05	20°♑15'40	
	-3749 Jan 30 j 17:52	0°♒	
evening max el	-3749 Feb 05 j 03:19	6°♒34'57	19°10'39
retrograde	-3749 Feb 13 j 22:20	10°♒46'57	
evening set	-3749 Feb 16 j 06:41	10°♒30'17	
inferior conj	-3749 Feb 24 j 09:58	6°♒18'17	2°56'03
minimum elong	-3749 Feb 24 j 14:52	6°♒09'53	2°54'46
min. Earth dist.	-3749 Feb 27 j 10:03	4°♒15'48	0.56880 AU
morning rise	-3749 Mar 04 j 19:15	1°♒21'52	
desc. node	-3749 Mar 08 j 05:49	0°♒29'01	
direct	-3749 Mar 09 j 19:43	0°♒23'07	
morning max el	-3749 Mar 24 j 00:25	7°♒40'02	25°17'09
	-3749 Apr 09 j 11:17	0°♓	
morning set	-3749 Apr 19 j 17:50	19°♓46'23	
asc. node	-3749 Apr 22 j 21:36	26°♓30'31	
	-3749 Apr 24 j 12:13	0°♈	
superior conj	-3749 Apr 26 j 18:55	4°♈57'50	0°39'36
minimum elong	-3749 Apr 26 j 17:15	4°♈48'48	0°39'16
max. Earth dist.	-3749 Apr 27 j 20:01	7°♈14'15	1.32922 AU
evening rise	-3749 May 04 j 00:17	20°♈19'47	
	-3749 May 08 j 21:27	0°♉	
	-3749 May 27 j 13:20	0°♊	
desc. node	-3749 Jun 04 j 04:33	8°♊46'06	
evening max el	-3749 Jun 04 j 19:42	9°♊22'54	27°15'34
retrograde	-3749 Jun 18 j 17:16	16°♊45'51	
evening set	-3749 Jun 25 j 18:34	14°♊24'36	
min. Earth dist.	-3749 Jun 29 j 09:09	11°♊34'20	0.61979 AU
inferior conj	-3749 Jul 02 j 10:58	8°♊43'44	-4°-10'-48
minimum elong	-3749 Jul 02 j 13:30	8°♊37'51	4°10'23
morning rise	-3749 Jul 09 j 11:04	3°♊43'04	
direct	-3749 Jul 11 j 23:31	3°♊15'22	
morning max el	-3749 Jul 18 j 18:46	6°♊40'34	17°57'52
asc. node	-3749 Jul 19 j 21:05	7°♊49'04	
	-3749 Aug 02 j 19:55	0°♋	
morning set	-3749 Aug 03 j 22:11	1°♋58'56	
superior conj	-3749 Aug 14 j 19:35	21°♋20'28	1°31'39
minimum elong	-3749 Aug 15 j 00:14	21°♋40'30	1°31'24
	-3749 Aug 19 j 22:18	0°♌	
max. Earth dist.	-3749 Aug 22 j 01:32	3°♌31'44	1.42607 AU
evening rise	-3749 Aug 29 j 07:40	15°♌10'44	
desc. node	-3749 Aug 31 j 03:51	18°♌03'33	
	-3749 Sep 07 j 23:36	0°♍	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

greatest brilliancy	-3749 Sep 24 j 20:48	23°♍40'09	-0.4m	
evening max el	-3749 Sep 29 j 18:52	29°♍17'43	21°43'26	
	-3749 Sep 30 j 11:51	0°♎		
retrograde	-3749 Oct 08 j 19:03	4°♎38'50		
evening set	-3749 Oct 13 j 00:32	3°♎00'23		
asc. node	-3749 Oct 15 j 20:07	0°♎07'57		
	-3749 Oct 15 j 22:43	30°℞♍		
inferior conj	-3749 Oct 18 j 09:43	26°♍43'46	0°52'19	
minimum elong	-3749 Oct 18 j 08:31	26°♍47'52	0°51'51	
min. Earth dist.	-3749 Oct 18 j 14:39	26°♍26'41	0.67320 AU	
morning rise	-3749 Oct 23 j 16:15	20°♍26'35		
direct	-3749 Oct 28 j 12:48	18°♍25'08		
morning max el	-3749 Nov 07 j 15:51	24°♍27'54	23°06'10	
greatest brilliancy	-3749 Nov 12 j 16:29	0°♎07'13	-0.3m	
	-3749 Nov 12 j 14:07	0°♎		
desc. node	-3749 Nov 27 j 03:40	19°♎55'43		
	-3749 Dec 03 j 18:55	0°♏		
morning set	-3749 Dec 12 j 03:50	13°♏27'19		
max. Earth dist.	-3749 Dec 16 j 18:50	21°♏17'01	1.39764 AU	
	-3749 Dec 21 j 17:33	0°♐		
superior conj	-3749 Dec 24 j 11:15	4°♐58'53	-1°-55'-1	
minimum elong	-3749 Dec 24 j 11:44	5°♐01'08	1°55'10	
evening rise	-3748 Jan 03 j 00:18	23°♐02'11		
	-3748 Jan 06 j 16:20	0°♑		
asc. node	-3748 Jan 11 j 19:09	9°♑06'02		
evening max el	-3748 Jan 19 j 06:00	19°♑07'35	18°30'36	
retrograde	-3748 Jan 26 j 20:23	22°♑50'34		
evening set	-3748 Jan 29 j 07:45	22°♑28'14		
inferior conj	-3748 Feb 05 j 18:43	17°♑56'30	3°45'37	
minimum elong	-3748 Feb 05 j 21:37	17°♑50'42	3°45'08	
min. Earth dist.	-3748 Feb 09 j 04:07	15°♑15'52	0.58703 AU	
morning rise	-3748 Feb 13 j 07:56	12°♑34'14		
direct	-3748 Feb 19 j 11:29	10°♑57'27		
desc. node	-3748 Feb 23 j 02:56	11°♑30'37		
morning max el	-3748 Mar 04 j 17:52	18°♑30'50	26°37'10	
	-3748 Mar 14 j 09:28	0°♒		
	-3748 Mar 31 j 21:25	0°♓		
morning set	-3748 Apr 03 j 04:46	4°♓44'39		
asc. node	-3748 Apr 08 j 18:37	16°♓42'59		
superior conj	-3748 Apr 10 j 06:33	19°♓59'37	0°15'37	
minimum elong	-3748 Apr 10 j 05:52	19°♓55'51	0°15'26	
behind sun begin	-3748 Apr 10 j 04:52	19°♓50'20		
behind sun end	-3748 Apr 10 j 06:52	20°♓01'22		
max. Earth dist.	-3748 Apr 10 j 08:51	20°♓12'11	1.32593 AU	
	-3748 Apr 14 j 21:04	0°♈		
evening rise	-3748 Apr 17 j 07:38	5°♈09'43		
	-3748 Apr 30 j 14:55	0°♉		
evening max el	-3748 May 16 j 21:55	21°♉21'41	26°33'56	
desc. node	-3748 May 21 j 01:40	24°♉52'09		
retrograde	-3748 May 30 j 23:29	28°♉40'53		
evening set	-3748 Jun 06 j 11:21	26°♉52'50		
min. Earth dist.	-3748 Jun 10 j 11:17	24°♉12'00	0.59963 AU	
inferior conj	-3748 Jun 13 j 20:00	21°♉29'12	-4°-20'-37	
minimum elong	-3748 Jun 13 j 19:52	21°♉29'26	4°20'31	
morning rise	-3748 Jun 21 j 07:51	16°♉50'21		
direct	-3748 Jun 23 j 19:20	16°♉27'35		
morning max el	-3748 Jul 01 j 05:48	20°♉03'20	18°15'44	
asc. node	-3748 Jul 05 j 18:08	25°♉28'16		
	-3748 Jul 08 j 16:54	0°♊		
morning set	-3748 Jul 17 j 05:21	15°♊22'38		
	-3748 Jul 25 j 00:28	0°♋		
superior conj	-3748 Jul 26 j 19:09	3°♋15'02	1°46'04	
minimum elong	-3748 Jul 26 j 21:09	3°♋24'07	1°46'08	
max. Earth dist.	-3748 Aug 03 j 07:26	16°♋28'34	1.40828 AU	
evening rise	-3748 Aug 08 j 07:49	24°♋51'15		
	-3748 Aug 11 j 12:14	0°♌		
desc. node	-3748 Aug 17 j 00:50	8°♌38'08		
	-3748 Aug 31 j 20:06	0°♍		
greatest brilliancy	-3748 Sep 06 j 04:30	6°♍51'50	-0.3m	
evening max el	-3748 Sep 11 j 10:12	12°♍44'06	23°02'35	
retrograde	-3748 Sep 21 j 12:51	18°♍43'34		
evening set	-3748 Sep 26 j 07:59	16°♍45'45		
inferior conj	-3748 Oct 01 j 16:23	10°♍25'27	0°00'-42	
minimum elong	-3748 Oct 01 j 16:24	10°♍25'24	0°00'39	
transit middle	-3748 Oct 01 j 16:24	10°♍25'24	0°00'39	
transit begin	-3748 Oct 01 j 13:42	10°♍34'42		
transit end	-3748 Oct 01 j 19:06	10°♍16'07		
min. Earth dist.	-3748 Oct 01 j 11:07	10°♍43'35	0.67437 AU	
asc. node	-3748 Oct 01 j 17:14	10°♍22'33		
morning rise	-3748 Oct 07 j 00:47	4°♍11'04		
direct	-3748 Oct 11 j 07:03	2°♍31'08		
morning max el	-3748 Oct 20 j 05:54	7°♍49'19	21°42'09	
greatest brilliancy	-3748 Oct 25 j 06:04	13°♍33'33	-0.4m	
	-3748 Nov 06 j 04:34	0°♎		
desc. node	-3748 Nov 13 j 00:38	10°♎12'14		
morning set	-3748 Nov 20 j 23:02	22°♎31'57		
	-3748 Nov 25 j 14:21	0°♏		
max. Earth dist.	-3748 Nov 27 j 19:20	3°♏37'48	1.41764 AU	
superior conj	-3748 Dec 05 j 08:26	16°♏26'51	-1°-50'-56	
minimum elong	-3748 Dec 05 j 05:29	16°♏14'01	1°50'56	
	-3748 Dec 12 j 22:39	0°♐		
evening rise	-3748 Dec 16 j 04:47	5°♐57'29		
asc. node	-3748 Dec 28 j 16:14	27°♐18'11		
	-3748 Dec 30 j 17:42	0°♑		
evening max el	-3747 Jan 01 j 14:52	2°♑04'02	18°10'31	
retrograde	-3747 Jan 08 j 11:44	5°♑33'19		
evening set	-3747 Jan 11 j 01:59	5°♑04'05		
inferior conj	-3747 Jan 17 j 23:03	0°♑10'06	4°02'12	
minimum elong	-3747 Jan 17 j 23:11	0°♑09'47	4°02'02	
	-3747 Jan 18 j 03:26	30°℞♐		
min. Earth dist.	-3747 Jan 21 j 03:46	27°♐14'56	0.60724 AU	
morning rise	-3747 Jan 24 j 17:43	24°♐29'27		
direct	-3747 Jan 31 j 14:06	22°♐15'50		
desc. node	-3747 Feb 09 j 00:03	25°♐13'13		
morning max el	-3747 Feb 14 j 17:10	29°♐56'41	27°27'52	
	-3747 Feb 14 j 18:31	0°♑		
	-3747 Mar 08 j 07:26	0°♒		
morning set	-3747 Mar 18 j 12:37	19°♒31'42		
	-3747 Mar 23 j 11:11	0°♓		
max. Earth dist.	-3747 Mar 24 j 21:50	3°♓08'17	1.32603 AU	
superior conj	-3747 Mar 25 j 18:03	4°♓58'31	0°-9'-24	
minimum elong	-3747 Mar 25 j 18:28	5°♓00'50	0°09'24	
behind sun begin	-3747 Mar 25 j 14:23	4°♓38'33		
behind sun end	-3747 Mar 25 j 22:33	5°♓23'08		
asc. node	-3747 Mar 26 j 15:38	6°♓56'29		
evening rise	-3747 Apr 01 j 18:05	20°♓06'42		
	-3747 Apr 06 j 15:04	0°♈		
	-3747 Apr 26 j 03:53	0°♉		
evening max el	-3747 Apr 28 j 17:57	2°♉39'11	25°23'18	
desc. node	-3747 May 07 j 22:47	8°♉54'37		
retrograde	-3747 May 12 j 19:36	9°♉50'02		
evening set	-3747 May 18 j 06:19	8°♉40'32		
min. Earth dist.	-3747 May 23 j 06:17	5°♉52'33	0.57967 AU	
inferior conj	-3747 May 26 j 10:39	3°♉39'23	-4°-2'-31	
minimum elong	-3747 May 26 j 06:56	3°♉45'56	4°01'59	
	-3747 Jun 01 j 13:59	30°℞♈		
morning rise	-3747 Jun 03 j 11:33	29°♈21'51		
direct	-3747 Jun 05 j 22:58	29°♈02'56		
	-3747 Jun 10 j 02:53	0°♉		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3747 Jun 14 j 10:34	3°♉01'56	18°53'46
asc. node	-3747 Jun 22 j 15:11	13°♉54'41	
morning set	-3747 Jun 30 j 23:39	29°♉21'14	
	-3747 Jul 01 j 07:33	0°♊	
superior conj	-3747 Jul 09 j 14:49	16°♊11'04	1°48'52
minimum elong	-3747 Jul 09 j 14:26	16°♊09'12	1°49'01
max. Earth dist.	-3747 Jul 16 j 09:47	28°♊44'57	1.38878 AU
	-3747 Jul 17 j 02:36	0°♋	
evening rise	-3747 Jul 20 j 09:51	5°♋46'36	
desc. node	-3747 Aug 03 j 21:49	29°♋01'18	
	-3747 Aug 04 j 13:36	0°♌	
evening max el	-3747 Aug 24 j 22:00	26°♌12'36	24°23'01
	-3747 Aug 29 j 06:18	0°♍	
retrograde	-3747 Sep 05 j 02:58	2°♍46'47	
evening set	-3747 Sep 10 j 13:06	0°♍29'29	
	-3747 Sep 11 j 02:10	30°℞♌	
inferior conj	-3747 Sep 15 j 22:17	24°♌08'56	0°-54'-21
minimum elong	-3747 Sep 15 j 23:34	24°♌04'38	0°53'45
min. Earth dist.	-3747 Sep 15 j 06:35	25°♌01'47	0.67255 AU
asc. node	-3747 Sep 18 j 14:20	20°♌43'36	
morning rise	-3747 Sep 21 j 10:18	18°♌00'35	
direct	-3747 Sep 25 j 03:57	16°♌40'35	
morning max el	-3747 Oct 03 j 02:46	21°♌18'53	20°27'01
greatest brilliancy	-3747 Oct 09 j 14:38	29°♌08'39	-0.5m
	-3747 Oct 10 j 05:51	0°♍	
	-3747 Oct 30 j 10:54	0°♎	
morning set	-3747 Oct 30 j 22:49	0°♎46'10	
desc. node	-3747 Oct 30 j 21:35	0°♎41'23	
max. Earth dist.	-3747 Nov 10 j 03:42	16°♎52'19	1.43407 AU
superior conj	-3747 Nov 16 j 03:36	26°♎39'20	-1°-31'-38
minimum elong	-3747 Nov 15 j 21:10	26°♎12'43	1°31'08
	-3747 Nov 18 j 03:50	0°♏	
evening rise	-3747 Nov 28 j 17:15	18°♏06'11	
	-3747 Dec 05 j 13:39	0°♐	
asc. node	-3747 Dec 15 j 13:18	14°♐40'20	
evening max el	-3747 Dec 16 j 02:56	15°♐15'53	18°10'00
retrograde	-3747 Dec 22 j 16:24	18°♐44'39	
evening set	-3747 Dec 25 j 09:47	18°♐07'34	
inferior conj	-3747 Dec 31 j 19:40	12°♐52'10	3°54'31
minimum elong	-3747 Dec 31 j 17:44	12°♐57'12	3°54'10
min. Earth dist.	-3746 Jan 03 j 12:02	10°♐04'54	0.62641 AU
morning rise	-3746 Jan 06 j 23:48	6°♐58'11	
direct	-3746 Jan 14 j 01:18	4°♐19'01	
desc. node	-3746 Jan 26 j 21:08	11°♐02'35	
morning max el	-3746 Jan 27 j 22:27	12°♐03'18	27°42'54
	-3746 Feb 11 j 05:46	0°♑	
	-3746 Feb 28 j 15:02	0°♒	
morning set	-3746 Mar 02 j 15:12	4°♒00'05	
max. Earth dist.	-3746 Mar 08 j 07:07	15°♒48'45	1.32969 AU
superior conj	-3746 Mar 10 j 03:43	19°♒48'43	0°-34'-35
minimum elong	-3746 Mar 10 j 05:16	19°♒57'05	0°34'23
asc. node	-3746 Mar 13 j 12:38	27°♒07'00	
	-3746 Mar 14 j 20:43	0°♓	
evening rise	-3746 Mar 17 j 05:45	5°♓03'48	
	-3746 Mar 30 j 17:02	0°♈	
evening max el	-3746 Apr 10 j 09:56	13°♈27'22	23°53'56
retrograde	-3746 Apr 24 j 03:41	20°♈19'38	
desc. node	-3746 Apr 24 j 19:55	20°♈18'36	
evening set	-3746 Apr 28 j 06:26	19°♈42'11	
min. Earth dist.	-3746 May 04 j 21:20	16°♈33'26	0.56304 AU
inferior conj	-3746 May 07 j 05:13	15°♈07'57	-3°-6'-39
minimum elong	-3746 May 06 j 23:12	15°♈17'12	3°05'09
morning rise	-3746 May 15 j 19:46	11°♈07'00	
direct	-3746 May 18 j 07:43	10°♈50'52	

morning max el	-3746 May 28 j 06:29	15°♈27'45	19°52'19
	-3746 Jun 07 j 20:48	0°♉	
asc. node	-3746 Jun 09 j 12:13	2°♉57'19	
morning set	-3746 Jun 15 j 01:51	13°♉46'42	
superior conj	-3746 Jun 23 j 01:14	29°♉54'04	1°42'53
minimum elong	-3746 Jun 22 j 23:19	29°♉44'29	1°42'55
	-3746 Jun 23 j 02:26	0°♊	
max. Earth dist.	-3746 Jun 28 j 13:19	10°♊35'41	1.37005 AU
evening rise	-3746 Jul 02 j 12:20	17°♊55'05	
	-3746 Jul 09 j 11:10	0°♋	
desc. node	-3746 Jul 21 j 18:50	19°♋07'43	
	-3746 Jul 29 j 19:21	0°♌	
evening max el	-3746 Aug 07 j 08:41	9°♌43'52	25°37'09
retrograde	-3746 Aug 19 j 12:47	16°♌44'47	
evening set	-3746 Aug 25 j 14:00	14°♌10'31	
min. Earth dist.	-3746 Aug 29 j 22:42	9°♌19'54	0.66753 AU
inferior conj	-3746 Aug 31 j 01:42	7°♌53'02	-1°-46'-56
minimum elong	-3746 Aug 31 j 04:11	7°♌45'04	1°45'53
asc. node	-3746 Sep 05 j 11:26	2°♌06'19	
morning rise	-3746 Sep 05 j 18:57	1°♌53'49	
direct	-3746 Sep 09 j 02:06	0°♌50'52	
morning max el	-3746 Sep 16 j 06:57	4°♌57'41	19°24'51
greatest brilliancy	-3746 Sep 25 j 21:27	17°♌29'42	-0.7m
	-3746 Oct 04 j 02:34	0°♍	
morning set	-3746 Oct 10 j 01:33	9°♍16'10	
desc. node	-3746 Oct 17 j 18:30	21°♍19'07	
	-3746 Oct 23 j 06:50	0°♎	
max. Earth dist.	-3746 Oct 23 j 18:09	0°♎44'47	1.44474 AU
superior conj	-3746 Oct 26 j 19:44	5°♎36'58	0°-55'-29
minimum elong	-3746 Oct 26 j 13:23	5°♎11'39	0°54'45
evening rise	-3746 Nov 10 j 09:07	29°♎19'18	
	-3746 Nov 10 j 18:55	0°♏	
evening max el	-3746 Nov 29 j 15:25	28°♏36'39	18°28'13
	-3746 Dec 01 j 03:06	0°♐	
asc. node	-3746 Dec 02 j 10:22	0°♐58'30	
retrograde	-3746 Dec 06 j 05:58	2°♐15'41	
evening set	-3746 Dec 09 j 03:36	1°♐29'24	
	-3746 Dec 11 j 06:55	30°℞♏	
inferior conj	-3746 Dec 15 j 04:43	25°♏55'00	3°30'06
minimum elong	-3746 Dec 15 j 01:46	26°♏03'33	3°29'22
min. Earth dist.	-3746 Dec 17 j 06:25	23°♏31'31	0.64282 AU
morning rise	-3746 Dec 20 j 22:36	19°♏51'08	
direct	-3746 Dec 27 j 19:48	17°♏01'08	
morning max el	-3745 Jan 10 j 07:21	24°♏43'34	27°22'29
desc. node	-3745 Jan 13 j 18:10	28°♏23'44	
	-3745 Jan 15 j 03:28	0°♐	
	-3745 Feb 04 j 14:57	0°♑	
morning set	-3745 Feb 14 j 09:42	17°♑59'58	
max. Earth dist.	-3745 Feb 19 j 08:35	27°♑59'56	1.33735 AU
	-3745 Feb 20 j 07:40	0°♒	
superior conj	-3745 Feb 22 j 09:42	4°♒23'16	0°-58'-57
minimum elong	-3745 Feb 22 j 12:13	4°♒36'38	0°58'38
asc. node	-3745 Feb 28 j 09:38	17°♒09'49	
evening rise	-3745 Mar 01 j 16:50	19°♒53'56	
	-3745 Mar 06 j 16:55	0°♓	
evening max el	-3745 Mar 23 j 03:32	24°♓11'01	22°19'47
	-3745 Apr 01 j 13:43	0°♈	
retrograde	-3745 Apr 04 j 23:54	0°♈26'58	
evening set	-3745 Apr 07 j 22:49	0°♈07'43	
	-3745 Apr 08 j 12:06	30°℞♓	
desc. node	-3745 Apr 11 j 17:03	28°♓53'13	
min. Earth dist.	-3745 Apr 16 j 11:21	26°♓25'35	0.55314 AU
inferior conj	-3745 Apr 17 j 06:46	25°♓58'03	-1°-31'-20
minimum elong	-3745 Apr 17 j 02:42	26°♓03'49	1°30'02

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3745 Apr 26 j 08:29	22°♓01'02	
direct	-3745 Apr 29 j 00:15	21°♓44'57	
morning max el	-3745 May 10 j 15:43	27°♓12'41	21°10'17
	-3745 May 13 j 08:25	0°♈	
asc. node	-3745 May 27 j 09:13	22°♈26'13	
morning set	-3745 May 30 j 09:21	28°♈30'28	
	-3745 May 31 j 02:42	0°♉	
superior conj	-3745 Jun 06 j 21:59	14°♉09'55	1°30'26
minimum elong	-3745 Jun 06 j 19:23	13°♉56'29	1°30'15
max. Earth dist.	-3745 Jun 10 j 23:34	22°♉25'07	1.35395 AU
	-3745 Jun 14 j 20:55	0°♊	
evening rise	-3745 Jun 15 j 10:01	1°♊02'09	
	-3745 Jul 02 j 12:11	0°♋	
desc. node	-3745 Jul 08 j 15:53	8°♋49'04	
evening max el	-3745 Jul 20 j 19:44	23°♋13'49	26°37'09
	-3745 Jul 30 j 15:54	0°♌	
retrograde	-3745 Aug 02 j 17:52	0°♌30'56	
	-3745 Aug 05 j 15:45	30°℞♋	
evening set	-3745 Aug 09 j 08:31	27°♋45'52	
min. Earth dist.	-3745 Aug 13 j 09:09	23°♋33'50	0.65892 AU
inferior conj	-3745 Aug 15 j 00:40	21°♋34'40	-2°-36'-35
minimum elong	-3745 Aug 15 j 04:05	21°♋24'21	2°35'19
morning rise	-3745 Aug 21 j 00:42	15°♋47'45	
asc. node	-3745 Aug 23 j 08:31	15°♋00'40	
direct	-3745 Aug 23 j 23:41	14°♋58'25	
morning max el	-3745 Aug 30 j 17:06	18°♋42'41	18°38'09
	-3745 Sep 08 j 05:23	0°♌	
morning set	-3745 Sep 20 j 02:37	18°♌53'54	
	-3745 Sep 27 j 01:02	0°♍	
desc. node	-3745 Oct 04 j 15:26	12°♍02'05	
superior conj	-3745 Oct 05 j 19:56	13°♍54'24	0°-7'-33
minimum elong	-3745 Oct 05 j 18:56	13°♍50'29	0°07'23
behind sun begin	-3745 Oct 05 j 08:40	13°♍10'02	
behind sun end	-3745 Oct 06 j 05:12	14°♍30'57	
max. Earth dist.	-3745 Oct 06 j 11:39	14°♍56'19	1.44844 AU
	-3745 Oct 16 j 00:58	0°♎	
evening rise	-3745 Oct 22 j 00:37	9°♎29'30	
	-3745 Nov 04 j 01:05	0°♏	
evening max el	-3745 Nov 13 j 01:53	12°♏02'13	19°04'01
asc. node	-3745 Nov 19 j 07:27	15°♏57'26	
retrograde	-3745 Nov 20 j 00:39	16°♏00'21	
evening set	-3745 Nov 23 j 04:23	15°♏02'47	
inferior conj	-3745 Nov 28 j 22:51	9°♏12'28	2°54'17
minimum elong	-3745 Nov 28 j 19:43	9°♏22'14	2°53'19
min. Earth dist.	-3745 Nov 30 j 10:16	7°♏21'38	0.65576 AU
morning rise	-3745 Dec 04 j 10:06	3°♏01'31	
direct	-3745 Dec 10 j 20:51	0°♏14'33	
morning max el	-3745 Dec 23 j 17:05	7°♏45'00	26°32'03
desc. node	-3745 Dec 31 j 15:10	16°♏49'46	
	-3744 Jan 10 j 02:57	0°♐	
	-3744 Jan 27 j 23:31	0°♑	
morning set	-3744 Jan 28 j 16:31	1°♑19'55	
max. Earth dist.	-3744 Feb 01 j 22:54	9°♑35'04	1.34942 AU
superior conj	-3744 Feb 06 j 09:49	18°♑35'30	-1°-21'-12
minimum elong	-3744 Feb 06 j 12:57	18°♑51'35	1°20'55
	-3744 Feb 11 j 21:20	0°♒	
evening rise	-3744 Feb 14 j 01:32	4°♒31'03	
asc. node	-3744 Feb 15 j 06:40	7°♒00'22	
	-3744 Feb 28 j 13:13	0°♓	
evening max el	-3744 Mar 04 j 04:58	5°♓17'03	20°53'28
retrograde	-3744 Mar 15 j 13:30	10°♓42'02	
evening set	-3744 Mar 17 j 22:32	10°♓28'43	
inferior conj	-3744 Mar 27 j 01:59	6°♓30'58	0°25'05
minimum elong	-3744 Mar 27 j 03:08	6°♓29'19	0°24'37
min. Earth dist.	-3744 Mar 28 j 01:36	5°♓57'11	0.55230 AU
desc. node	-3744 Mar 28 j 14:10	5°♓39'20	
morning rise	-3744 Apr 05 j 06:29	2°♓19'38	
direct	-3744 Apr 08 j 12:15	1°♓56'45	
morning max el	-3744 Apr 21 j 14:34	8°♓17'22	22°43'21
	-3744 May 07 j 00:43	0°♈	
asc. node	-3744 May 13 j 06:14	12°♈14'28	
morning set	-3744 May 13 j 20:03	13°♈26'17	
superior conj	-3744 May 21 j 01:48	28°♈48'29	1°13'14
minimum elong	-3744 May 20 j 23:12	28°♈34'39	1°12'53
	-3744 May 21 j 15:19	0°♉	
max. Earth dist.	-3744 May 23 j 19:47	4°♉35'12	1.34149 AU
evening rise	-3744 May 28 j 21:51	14°♉53'15	
	-3744 Jun 06 j 01:01	0°♊	
desc. node	-3744 Jun 24 j 12:57	27°♊54'35	
	-3744 Jun 26 j 05:54	0°♋	
evening max el	-3744 Jul 02 j 07:06	6°♋34'06	27°15'14
retrograde	-3744 Jul 15 j 17:35	13°♋57'26	
evening set	-3744 Jul 22 j 17:55	11°♋11'26	
min. Earth dist.	-3744 Jul 26 j 11:50	7°♋36'41	0.64655 AU
inferior conj	-3744 Jul 28 j 16:56	5°♋09'46	-3°-20'-53
minimum elong	-3744 Jul 28 j 20:47	4°♋59'06	3°19'45
	-3744 Aug 03 j 08:42	30°℞♊	
morning rise	-3744 Aug 04 j 01:12	29°♊38'14	
direct	-3744 Aug 06 j 18:25	28°♊59'15	
asc. node	-3744 Aug 09 j 05:35	29°♊31'10	
	-3744 Aug 10 j 04:29	0°♋	
morning max el	-3744 Aug 13 j 06:55	2°♋29'18	18°08'18
morning set	-3744 Aug 31 j 07:17	29°♋51'24	
	-3744 Aug 31 j 09:19	0°♌	
superior conj	-3744 Sep 14 j 02:10	22°♌33'43	0°40'14
minimum elong	-3744 Sep 14 j 06:42	22°♌51'54	0°39'46
max. Earth dist.	-3744 Sep 18 j 05:14	29°♌08'59	1.44490 AU
	-3744 Sep 18 j 18:07	0°♍	
desc. node	-3744 Sep 20 j 12:22	2°♍46'56	
evening rise	-3744 Sep 30 j 16:47	18°♍40'42	
	-3744 Oct 08 j 01:05	0°♎	
greatest brilliancy	-3744 Oct 18 j 21:16	16°♎07'54	-0.6m
evening max el	-3744 Oct 26 j 08:07	25°♎29'00	19°55'44
retrograde	-3744 Nov 02 j 21:35	29°♎54'02	
asc. node	-3744 Nov 05 j 04:33	29°♎23'36	
evening set	-3744 Nov 06 j 09:36	28°♎42'34	
inferior conj	-3744 Nov 11 j 23:12	22°♎39'27	2°10'42
minimum elong	-3744 Nov 11 j 20:32	22°♎48'16	2°09'43
min. Earth dist.	-3744 Nov 12 j 21:43	21°♎24'56	0.66520 AU
morning rise	-3744 Nov 17 j 06:48	16°♎24'07	
direct	-3744 Nov 23 j 03:35	13°♎50'37	
morning max el	-3744 Dec 05 j 01:54	20°♎55'16	25°19'57
	-3744 Dec 12 j 23:06	0°♏	
desc. node	-3744 Dec 17 j 12:09	6°♏00'59	
	-3743 Jan 02 j 07:44	0°♐	
morning set	-3743 Jan 10 j 06:38	13°♐44'21	
max. Earth dist.	-3743 Jan 14 j 01:36	20°♐42'37	1.36591 AU
	-3743 Jan 18 j 21:37	0°♑	
superior conj	-3743 Jan 20 j 01:12	2°♑16'05	-1°-39'-39
minimum elong	-3743 Jan 20 j 04:14	2°♑31'08	1°39'32
evening rise	-3743 Jan 28 j 05:47	18°♑48'08	
asc. node	-3743 Feb 01 j 03:42	26°♑32'40	
	-3743 Feb 02 j 23:37	0°♒	
evening max el	-3743 Feb 14 j 16:51	16°♒57'21	19°42'46
retrograde	-3743 Feb 24 j 08:32	21°♒32'15	
evening set	-3743 Feb 26 j 15:51	21°♒17'46	
inferior conj	-3743 Mar 07 j 04:58	17°♒14'40	2°10'15
minimum elong	-3743 Mar 07 j 09:41	17°♒07'14	2°08'46

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

min. Earth dist.	-3743 Mar 09 j 16:03	15°♒42'02	0.56063 AU
desc. node	-3743 Mar 15 j 11:16	12°♒46'43	
morning rise	-3743 Mar 16 j 00:08	12°♒36'00	
direct	-3743 Mar 20 j 07:45	11°♒54'18	
morning max el	-3743 Apr 03 j 06:29	18°♒55'09	24°22'38
	-3743 Apr 12 j 11:38	0°♓	
morning set	-3743 Apr 28 j 08:13	28°♓28'16	
	-3743 Apr 29 j 01:38	0°♈	
asc. node	-3743 Apr 30 j 03:15	2°♈16'13	
superior conj	-3743 May 05 j 10:12	13°♈41'36	0°52'37
minimum elong	-3743 May 05 j 08:05	13°♈30'11	0°52'14
max. Earth dist.	-3743 May 07 j 01:08	17°♈11'19	1.33270 AU
evening rise	-3743 May 12 j 19:41	29°♈15'32	
	-3743 May 13 j 04:29	0°♉	
	-3743 May 30 j 04:03	0°♊	
desc. node	-3743 Jun 11 j 10:02	16°♊09'06	
evening max el	-3743 Jun 14 j 16:58	19°♊32'31	27°24'46
retrograde	-3743 Jun 28 j 11:11	26°♊55'40	
evening set	-3743 Jul 05 j 14:47	24°♊21'37	
min. Earth dist.	-3743 Jul 09 j 05:00	21°♊18'15	0.63050 AU
inferior conj	-3743 Jul 11 j 23:47	18°♊32'30	-3°-56'-22
minimum elong	-3743 Jul 12 j 03:10	18°♊24'04	3°55'39
morning rise	-3743 Jul 18 j 17:41	13°♊19'34	
direct	-3743 Jul 21 j 07:25	12°♊48'13	
asc. node	-3743 Jul 27 j 02:40	15°♊27'26	
morning max el	-3743 Jul 27 j 21:52	16°♊12'24	17°56'18
	-3743 Aug 06 j 15:10	0°♋	
morning set	-3743 Aug 13 j 11:54	11°♋57'50	
	-3743 Aug 23 j 21:46	0°♌	
superior conj	-3743 Aug 25 j 08:04	2°♌24'09	1°17'04
minimum elong	-3743 Aug 25 j 13:42	2°♌47'43	1°16'36
max. Earth dist.	-3743 Aug 31 j 20:17	13°♌06'19	1.43462 AU
desc. node	-3743 Sep 07 j 09:22	23°♌30'50	
evening rise	-3743 Sep 09 j 21:13	27°♌24'06	
	-3743 Sep 11 j 13:33	0°♍	
	-3743 Oct 01 j 23:45	0°♎	
greatest brilliancy	-3743 Oct 03 j 19:55	2°♎25'37	-0.5m
evening max el	-3743 Oct 09 j 08:40	8°♎55'45	21°01'00
retrograde	-3743 Oct 17 j 18:35	13°♎54'29	
evening set	-3743 Oct 21 j 17:11	12°♎26'25	
asc. node	-3743 Oct 23 j 01:39	11°♎15'31	
inferior conj	-3743 Oct 27 j 03:32	6°♎13'47	1°21'57
minimum elong	-3743 Oct 27 j 01:43	6°♎19'58	1°21'14
min. Earth dist.	-3743 Oct 27 j 14:33	5°♎36'06	0.67127 AU
morning rise	-3743 Nov 01 j 09:53	29°♍56'40	
	-3743 Nov 01 j 08:21	30°℞♍	
direct	-3743 Nov 06 j 15:16	27°♍42'51	
	-3743 Nov 12 j 15:21	0°♎	
morning max el	-3743 Nov 17 j 10:38	4°♎09'38	23°56'00
desc. node	-3743 Dec 04 j 09:09	25°♎44'36	
	-3743 Dec 07 j 06:48	0°♏	
morning set	-3743 Dec 22 j 22:03	24°♏57'29	
	-3743 Dec 25 j 19:49	0°♐	
max. Earth dist.	-3743 Dec 26 j 21:54	1°♐55'16	1.38573 AU
superior conj	-3742 Jan 03 j 04:08	15°♐15'09	-1°-51'-56
minimum elong	-3742 Jan 03 j 05:58	15°♐23'51	1°52'02
	-3742 Jan 10 j 18:45	0°♑	
evening rise	-3742 Jan 12 j 03:15	2°♑39'11	
asc. node	-3742 Jan 19 j 00:45	15°♑40'25	
evening max el	-3742 Jan 28 j 14:41	29°♑12'07	18°51'07
	-3742 Jan 29 j 11:43	0°♒	
retrograde	-3742 Feb 05 j 19:57	3°♒09'45	
evening set	-3742 Feb 08 j 05:43	2°♒50'44	
	-3742 Feb 13 j 23:15	30°℞♑	
inferior conj	-3742 Feb 16 j 01:47	28°♑30'34	3°21'37
minimum elong	-3742 Feb 16 j 06:05	28°♑22'43	3°20'41
min. Earth dist.	-3742 Feb 19 j 07:48	26°♑09'34	0.57611 AU
morning rise	-3742 Feb 24 j 02:43	23°♑22'37	
direct	-3742 Mar 01 j 15:40	22°♑08'34	
desc. node	-3742 Mar 02 j 08:24	22°♑09'45	
morning max el	-3742 Mar 15 j 21:45	29°♑33'04	25°54'14
	-3742 Mar 16 j 08:46	0°♒	
	-3742 Apr 06 j 01:19	0°♓	
morning set	-3742 Apr 12 j 20:06	13°♓29'52	
asc. node	-3742 Apr 17 j 00:16	22°♓26'05	
superior conj	-3742 Apr 19 j 21:08	28°♓41'56	0°29'36
minimum elong	-3742 Apr 19 j 19:52	28°♓34'59	0°29'20
	-3742 Apr 20 j 11:26	0°♈	
max. Earth dist.	-3742 Apr 20 j 12:28	0°♈05'38	1.32740 AU
evening rise	-3742 Apr 27 j 00:16	13°♈57'54	
	-3742 May 05 j 06:25	0°♉	
	-3742 May 26 j 00:29	0°♊	
evening max el	-3742 May 27 j 22:34	1°♊55'28	27°01'49
desc. node	-3742 May 29 j 07:09	3°♊10'34	
retrograde	-3742 Jun 10 j 21:43	9°♊16'20	
evening set	-3742 Jun 17 j 19:01	7°♊07'52	
min. Earth dist.	-3742 Jun 21 j 12:04	4°♊23'57	0.61143 AU
inferior conj	-3742 Jun 24 j 17:50	1°♊34'14	-4°-17'-42
minimum elong	-3742 Jun 24 j 19:26	1°♊30'45	4°17'30
	-3742 Jun 26 j 13:54	30°℞♉	
morning rise	-3742 Jul 01 j 22:46	26°♉42'40	
direct	-3742 Jul 04 j 10:49	26°♉17'04	
morning max el	-3742 Jul 11 j 11:10	29°♉44'59	18°03'03
	-3742 Jul 11 j 17:17	0°♊	
asc. node	-3742 Jul 13 j 23:45	2°♊33'28	
morning set	-3742 Jul 27 j 10:48	24°♊56'58	
	-3742 Jul 30 j 04:32	0°♋	
superior conj	-3742 Aug 06 j 17:29	13°♋36'28	1°39'22
minimum elong	-3742 Aug 06 j 21:04	13°♋52'13	1°39'16
max. Earth dist.	-3742 Aug 14 j 06:04	26°♋29'53	1.41894 AU
	-3742 Aug 16 j 08:55	0°♌	
evening rise	-3742 Aug 20 j 09:20	6°♌30'08	
desc. node	-3742 Aug 25 j 06:21	14°♌09'52	
	-3742 Sep 04 j 20:03	0°♍	
greatest brilliancy	-3742 Sep 17 j 09:26	17°♍01'20	-0.3m
evening max el	-3742 Sep 22 j 02:59	22°♍21'23	22°16'26
retrograde	-3742 Oct 01 j 14:01	27°♍58'37	
evening set	-3742 Oct 06 j 01:13	26°♍11'48	
asc. node	-3742 Oct 09 j 22:46	21°♍52'57	
inferior conj	-3742 Oct 11 j 09:52	19°♍53'06	0°30'01
minimum elong	-3742 Oct 11 j 09:10	19°♍55'30	0°29'44
min. Earth dist.	-3742 Oct 11 j 10:21	19°♍51'25	0.67413 AU
morning rise	-3742 Oct 16 j 17:00	13°♍36'59	
direct	-3742 Oct 21 j 07:15	11°♍44'59	
morning max el	-3742 Oct 30 j 22:00	17°♍28'15	22°29'41
greatest brilliancy	-3742 Nov 04 j 14:39	22°♍45'26	-0.3m
	-3742 Nov 10 j 04:56	0°♎	
desc. node	-3742 Nov 21 j 06:09	15°♎51'11	
	-3742 Nov 30 j 09:54	0°♏	
morning set	-3742 Dec 03 j 09:33	4°♏48'17	
max. Earth dist.	-3742 Dec 08 j 19:27	13°♏47'05	1.40642 AU
superior conj	-3742 Dec 16 j 13:48	27°♏20'20	-1°-54'-55
minimum elong	-3742 Dec 16 j 12:58	27°♏16'37	1°55'03
	-3742 Dec 18 j 01:07	0°♐	
evening rise	-3742 Dec 26 j 14:59	15°♐57'33	
	-3741 Jan 03 j 07:23	0°♑	
asc. node	-3741 Jan 05 j 21:47	4°♑15'52	
evening max el	-3741 Jan 11 j 20:17	11°♑55'43	18°19'35

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3741 Jan 19 j 02:02	15°♉31'32	
evening set	-3741 Jan 21 j 14:33	15°♉06'26	
inferior conj	-3741 Jan 28 j 19:13	10°♉25'02	3°56'14
minimum elong	-3741 Jan 28 j 20:55	10°♉21'24	3°55'57
min. Earth dist.	-3741 Feb 01 j 03:49	7°♉35'19	0.59550 AU
morning rise	-3741 Feb 05 j 00:05	4°♉53'54	
direct	-3741 Feb 11 j 12:00	3°♉00'55	
desc. node	-3741 Feb 17 j 05:30	4°♉23'13	
morning max el	-3741 Feb 25 j 17:45	10°♉38'18	27°03'04
	-3741 Mar 12 j 17:59	0°♒	
morning set	-3741 Mar 28 j 05:59	28°♒24'50	
	-3741 Mar 29 j 00:12	0°♓	
asc. node	-3741 Apr 03 j 21:16	12°♓39'46	
superior conj	-3741 Apr 04 j 08:55	13°♓43'28	0°05'06
minimum elong	-3741 Apr 04 j 08:41	13°♓42'14	0°05'01
behind sun begin	-3741 Apr 04 j 03:55	13°♓16'08	
behind sun end	-3741 Apr 04 j 13:27	14°♓08'21	
max. Earth dist.	-3741 Apr 04 j 01:56	13°♓05'19	1.32549 AU
evening rise	-3741 Apr 11 j 09:12	28°♓51'53	
	-3741 Apr 11 j 22:14	0°♈	
	-3741 Apr 28 j 18:03	0°♉	
evening max el	-3741 May 09 j 21:53	13°♉35'41	26°06'57
desc. node	-3741 May 16 j 04:14	18°♉29'00	
retrograde	-3741 May 23 j 23:57	20°♉52'40	
evening set	-3741 May 30 j 02:41	19°♉20'34	
min. Earth dist.	-3741 Jun 03 j 10:35	16°♉38'57	0.59097 AU
inferior conj	-3741 Jun 06 j 19:25	14°♉05'48	-4°-17'00
minimum elong	-3741 Jun 06 j 17:49	14°♉08'53	4°16'50
morning rise	-3741 Jun 14 j 12:44	9°♉36'39	
direct	-3741 Jun 17 j 00:09	9°♉15'40	
morning max el	-3741 Jun 24 j 19:57	12°♉59'12	18°29'25
asc. node	-3741 Jun 30 j 20:49	20°♉34'30	
	-3741 Jul 06 j 09:39	0°♊	
morning set	-3741 Jul 10 j 23:08	8°♊36'41	
superior conj	-3741 Jul 20 j 02:23	25°♊59'43	1°48'29
minimum elong	-3741 Jul 20 j 03:16	26°♊03'53	1°48'38
	-3741 Jul 22 j 06:40	0°♋	
max. Earth dist.	-3741 Jul 27 j 09:52	9°♋08'14	1.40006 AU
evening rise	-3741 Jul 31 j 20:11	16°♋41'13	
	-3741 Aug 09 j 02:24	0°♌	
desc. node	-3741 Aug 12 j 03:20	4°♌40'09	
	-3741 Aug 30 j 11:06	0°♍	
evening max el	-3741 Sep 04 j 16:19	5°♍47'38	23°36'57
retrograde	-3741 Sep 15 j 06:30	12°♍03'13	
evening set	-3741 Sep 20 j 07:54	9°♍56'49	
inferior conj	-3741 Sep 25 j 16:25	3°♍35'42	0°-23'-29
minimum elong	-3741 Sep 25 j 16:58	3°♍33'49	0°23'12
min. Earth dist.	-3741 Sep 25 j 06:43	4°♍08'56	0.67398 AU
asc. node	-3741 Sep 26 j 19:53	2°♍02'41	
	-3741 Sep 28 j 10:38	30°℞♌	
morning rise	-3741 Oct 01 j 02:09	27°♌23'28	
direct	-3741 Oct 05 j 02:41	25°♌52'33	
	-3741 Oct 12 j 17:16	0°♍	
morning max el	-3741 Oct 13 j 14:52	0°♍53'17	21°08'43
greatest brilliancy	-3741 Oct 19 j 03:16	7°♍19'35	-0.5m
	-3741 Nov 04 j 00:57	0°♎	
desc. node	-3741 Nov 08 j 03:06	6°♎13'29	
morning set	-3741 Nov 12 j 18:25	13°♎25'05	
max. Earth dist.	-3741 Nov 20 j 22:58	26°♎30'28	1.42516 AU
	-3741 Nov 23 j 01:58	0°♏	
superior conj	-3741 Nov 28 j 00:24	8°♏16'51	-1°-44'-47
minimum elong	-3741 Nov 27 j 19:48	7°♏57'18	1°44'36
evening rise	-3741 Dec 09 j 13:12	28°♏34'04	
	-3741 Dec 10 j 08:19	0°♐	

asc. node	-3741 Dec 23 j 18:51	22°♐08'17	
evening max el	-3741 Dec 26 j 06:49	24°♐59'18	18°07'57
retrograde	-3740 Jan 01 j 23:36	28°♐27'11	
evening set	-3740 Jan 04 j 14:57	27°♐54'54	
inferior conj	-3740 Jan 11 j 06:58	22°♐51'49	4°01'25
minimum elong	-3740 Jan 11 j 06:06	22°♐53'55	4°01'13
min. Earth dist.	-3740 Jan 14 j 07:06	19°♐57'13	0.61559 AU
morning rise	-3740 Jan 17 j 18:51	17°♐04'41	
direct	-3740 Jan 24 j 18:40	14°♐38'14	
desc. node	-3740 Feb 04 j 02:35	19°♐03'59	
morning max el	-3740 Feb 07 j 19:52	22°♐22'05	27°38'47
	-3740 Feb 14 j 14:38	0°♑	
	-3740 Mar 04 j 19:06	0°♒	
morning set	-3740 Mar 11 j 11:51	13°♒04'45	
max. Earth dist.	-3740 Mar 17 j 13:38	25°♒55'21	1.32705 AU
superior conj	-3740 Mar 18 j 19:49	28°♒39'10	0°-20'-7
minimum elong	-3740 Mar 18 j 20:43	28°♒44'07	0°20'01
	-3740 Mar 19 j 10:39	0°♓	
asc. node	-3740 Mar 20 j 18:16	2°♓52'14	
evening rise	-3740 Mar 25 j 20:20	13°♓49'09	
	-3740 Apr 03 j 01:28	0°♈	
evening max el	-3740 Apr 20 j 15:30	24°♈37'22	24°46'50
	-3740 Apr 27 j 22:28	0°♉	
desc. node	-3740 May 02 j 01:21	1°♉27'17	
retrograde	-3740 May 04 j 15:37	1°♉42'55	
evening set	-3740 May 09 j 12:46	0°♉48'35	
	-3740 May 11 j 10:33	30°℞♈	
min. Earth dist.	-3740 May 15 j 03:40	27°♈52'57	0.57192 AU
inferior conj	-3740 May 18 j 01:27	25°♈58'05	-3°-43'-56
minimum elong	-3740 May 17 j 20:25	26°♈06'27	3°42'59
morning rise	-3740 May 26 j 08:12	21°♈48'39	
direct	-3740 May 28 j 19:29	21°♈31'16	
morning max el	-3740 Jun 06 j 21:17	25°♈44'56	19°16'13
	-3740 Jun 10 j 16:38	0°♉	
asc. node	-3740 Jun 16 j 17:51	9°♉17'17	
morning set	-3740 Jun 23 j 21:08	22°♉47'17	
	-3740 Jun 27 j 11:57	0°♊	
superior conj	-3740 Jul 02 j 04:55	9°♊17'22	1°47'15
minimum elong	-3740 Jul 02 j 03:45	9°♊11'46	1°47'22
max. Earth dist.	-3740 Jul 08 j 11:26	21°♊08'37	1.38056 AU
evening rise	-3740 Jul 12 j 09:09	28°♊09'07	
	-3740 Jul 13 j 10:31	0°♋	
desc. node	-3740 Jul 29 j 00:19	24°♋56'59	
	-3740 Aug 01 j 12:21	0°♌	
evening max el	-3740 Aug 17 j 03:20	19°♌17'41	24°55'47
retrograde	-3740 Aug 28 j 19:01	26°♌05'00	
evening set	-3740 Sep 03 j 11:29	23°♌40'09	
min. Earth dist.	-3740 Sep 08 j 01:10	18°♌27'40	0.67079 AU
inferior conj	-3740 Sep 08 j 21:31	17°♌20'18	-1°-16'-54
minimum elong	-3740 Sep 08 j 23:19	17°♌14'19	1°16'04
asc. node	-3740 Sep 12 j 16:59	12°♌44'48	
morning rise	-3740 Sep 14 j 11:32	11°♌15'10	
direct	-3740 Sep 18 j 00:24	10°♌02'50	
morning max el	-3740 Sep 25 j 14:54	14°♌27'04	19°58'43
greatest brilliancy	-3740 Oct 03 j 03:02	23°♌46'12	-0.6m
	-3740 Oct 07 j 11:07	0°♍	
morning set	-3740 Oct 21 j 16:26	21°♍37'31	
desc. node	-3740 Oct 25 j 00:02	26°♍46'50	
	-3740 Oct 27 j 01:27	0°♎	
max. Earth dist.	-3740 Nov 02 j 09:45	10°♎01'44	1.43939 AU
superior conj	-3740 Nov 07 j 07:45	17°♎56'35	-1°-18'-15
minimum elong	-3740 Nov 07 j 00:41	17°♎27'53	1°17'36
	-3740 Nov 14 j 15:07	0°♏	
evening rise	-3740 Nov 20 j 17:29	10°♏20'12	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3740 Dec 02 j 12:11	0°♐	
evening max el	-3740 Dec 08 j 19:27	8°♐16'05	18°15'34
asc. node	-3740 Dec 09 j 15:55	9°♐05'18	
retrograde	-3740 Dec 15 j 08:23	11°♐47'47	
evening set	-3740 Dec 18 j 03:25	11°♐07'02	
inferior conj	-3740 Dec 24 j 09:20	5°♐43'32	3°45'48
minimum elong	-3740 Dec 24 j 06:51	5°♐50'19	3°45'18
min. Earth dist.	-3740 Dec 26 j 19:40	3°♐04'39	0.63384 AU
morning rise	-3740 Dec 30 j 08:38	29°♏45'06	
	-3740 Dec 30 j 01:12	30°℞♏	
direct	-3739 Jan 06 j 09:26	26°♏59'07	
	-3739 Jan 14 j 12:36	0°♐	
morning max el	-3739 Jan 20 j 02:51	4°♐43'40	27°38'10
desc. node	-3739 Jan 20 j 23:38	5°♐36'01	
	-3739 Feb 08 j 05:55	0°♑	
morning set	-3739 Feb 23 j 11:20	27°♑21'44	
	-3739 Feb 24 j 18:46	0°♒	
max. Earth dist.	-3739 Feb 28 j 19:48	8°♒23'08	1.33244 AU
superior conj	-3739 Mar 03 j 04:09	13°♒23'18	0°-45'-5
minimum elong	-3739 Mar 03 j 06:08	13°♒33'59	0°44'50
asc. node	-3739 Mar 07 j 15:15	22°♒59'40	
evening rise	-3739 Mar 10 j 07:56	28°♒43'34	
	-3739 Mar 10 j 22:32	0°♓	
	-3739 Mar 28 j 11:35	0°♈	
evening max el	-3739 Apr 02 j 07:31	5°♈20'10	23°13'40
retrograde	-3739 Apr 15 j 18:12	11°♈58'41	
desc. node	-3739 Apr 18 j 22:29	11°♈36'30	
evening set	-3739 Apr 19 j 07:36	11°♈31'00	
min. Earth dist.	-3739 Apr 26 j 18:14	8°♈09'41	0.55783 AU
inferior conj	-3739 Apr 28 j 11:55	7°♈08'27	-2°-30'-29
minimum elong	-3739 Apr 28 j 06:08	7°♈16'58	2°28'49
morning rise	-3739 May 07 j 07:45	3°♈10'41	
direct	-3739 May 09 j 20:36	2°♈55'01	
morning max el	-3739 May 20 j 12:38	7°♈52'56	20°23'17
asc. node	-3739 Jun 03 j 14:51	28°♈31'37	
	-3739 Jun 04 j 09:16	0°♉	
morning set	-3739 Jun 08 j 01:50	7°♉20'44	
superior conj	-3739 Jun 15 j 20:07	23°♉14'52	1°38'17
minimum elong	-3739 Jun 15 j 17:48	23°♉03'11	1°38'13
	-3739 Jun 19 j 05:18	0°♊	
max. Earth dist.	-3739 Jun 20 j 17:15	2°♊55'18	1.36279 AU
evening rise	-3739 Jun 24 j 20:26	10°♊44'03	
	-3739 Jul 06 j 00:30	0°♋	
desc. node	-3739 Jul 15 j 21:22	14°♋53'36	
	-3739 Jul 27 j 20:34	0°♌	
evening max el	-3739 Jul 30 j 14:17	2°♌49'47	26°05'01
retrograde	-3739 Aug 12 j 02:47	9°♌58'25	
evening set	-3739 Aug 18 j 09:57	7°♌18'57	
min. Earth dist.	-3739 Aug 22 j 15:14	2°♌44'28	0.66429 AU
inferior conj	-3739 Aug 23 j 23:17	1°♌03'52	-2°-8'-30
minimum elong	-3739 Aug 24 j 02:13	0°♌54'42	2°07'18
	-3739 Aug 24 j 19:48	30°℞♋	
morning rise	-3739 Aug 29 j 19:13	25°♋09'14	
asc. node	-3739 Aug 30 j 14:05	24°♋44'21	
direct	-3739 Sep 01 j 22:40	24°♋12'20	
morning max el	-3739 Sep 08 j 21:45	28°♋08'25	19°02'59
	-3739 Sep 10 j 14:27	0°♌	
	-3739 Sep 30 j 18:55	0°♍	
morning set	-3739 Oct 01 j 03:10	0°♍32'34	
desc. node	-3739 Oct 11 j 20:57	17°♍27'01	
max. Earth dist.	-3739 Oct 16 j 02:05	24°♍05'22	1.44728 AU
superior conj	-3739 Oct 17 j 14:56	26°♍30'51	0°-36'00
minimum elong	-3739 Oct 17 j 10:23	26°♍12'49	0°35'24
	-3739 Oct 19 j 19:48	0°♎	

evening rise	-3739 Nov 01 j 23:16	21°♎06'50	
	-3739 Nov 07 j 10:04	0°♏	
evening max el	-3739 Nov 22 j 07:26	21°♏39'32	18°41'23
asc. node	-3739 Nov 26 j 13:00	24°♏51'38	
retrograde	-3739 Nov 29 j 00:27	25°♏25'12	
evening set	-3739 Dec 02 j 00:33	24°♏34'15	
inferior conj	-3739 Dec 07 j 22:37	18°♏52'41	3°15'59
minimum elong	-3739 Dec 07 j 19:30	19°♏02'02	3°15'09
min. Earth dist.	-3739 Dec 09 j 18:03	16°♏42'37	0.64886 AU
morning rise	-3739 Dec 13 j 13:19	12°♏45'47	
direct	-3739 Dec 20 j 06:48	9°♏55'39	
morning max el	-3738 Jan 02 j 12:13	17°♏33'30	27°04'10
desc. node	-3738 Jan 07 j 20:39	23°♏27'02	
	-3738 Jan 13 j 00:01	0°♐	
	-3738 Feb 01 j 02:18	0°♑	
morning set	-3738 Feb 07 j 01:21	11°♑05'41	
max. Earth dist.	-3738 Feb 11 j 16:50	20°♑18'54	1.34198 AU
superior conj	-3738 Feb 15 j 07:56	27°♑49'10	-1°-8'-44
minimum elong	-3738 Feb 15 j 10:47	28°♑04'03	1°08'26
	-3738 Feb 16 j 08:51	0°♒	
evening rise	-3738 Feb 22 j 18:14	13°♒28'57	
asc. node	-3738 Feb 22 j 12:15	12°♒57'47	
	-3738 Mar 03 j 06:54	0°♓	
evening max el	-3738 Mar 15 j 03:57	16°♓10'55	21°41'31
retrograde	-3738 Mar 27 j 09:58	22°♓05'42	
evening set	-3738 Mar 30 j 01:27	21°♓49'59	
desc. node	-3738 Apr 05 j 19:37	19°♓12'33	
inferior conj	-3738 Apr 08 j 09:08	17°♓47'44	0°-42'-39
minimum elong	-3738 Apr 08 j 07:08	17°♓50'32	0°42'02
min. Earth dist.	-3738 Apr 08 j 08:03	17°♓49'16	0.55164 AU
morning rise	-3738 Apr 17 j 13:25	13°♓47'07	
direct	-3738 Apr 20 j 09:53	13°♓29'08	
morning max el	-3738 May 02 j 17:07	19°♓19'30	21°48'30
	-3738 May 11 j 08:57	0°♈	
asc. node	-3738 May 21 j 11:51	18°♈09'42	
morning set	-3738 May 23 j 10:58	22°♈10'46	
	-3738 May 27 j 04:30	0°♉	
superior conj	-3738 May 30 j 20:14	7°♉41'31	1°23'38
minimum elong	-3738 May 30 j 17:33	7°♉27'31	1°23'22
max. Earth dist.	-3738 Jun 03 j 08:01	14°♉53'42	1.34819 AU
evening rise	-3738 Jun 08 j 00:44	24°♉11'38	
	-3738 Jun 11 j 02:34	0°♊	
	-3738 Jun 29 j 13:40	0°♋	
desc. node	-3738 Jul 02 j 18:26	4°♋21'21	
evening max el	-3738 Jul 13 j 01:45	16°♋17'25	26°56'28
retrograde	-3738 Jul 26 j 05:25	23°♋37'24	
evening set	-3738 Aug 02 j 00:57	20°♋50'34	
min. Earth dist.	-3738 Aug 05 j 22:33	16°♋54'55	0.65417 AU
inferior conj	-3738 Aug 07 j 19:44	14°♋43'21	-2°-56'-12
minimum elong	-3738 Aug 07 j 23:25	14°♋32'37	2°54'56
morning rise	-3738 Aug 13 j 23:04	9°♋02'38	
direct	-3738 Aug 16 j 19:26	8°♋17'56	
asc. node	-3738 Aug 17 j 11:10	8°♋20'18	
morning max el	-3738 Aug 23 j 09:46	11°♋54'44	18°23'23
	-3738 Sep 05 j 02:22	0°♌	
morning set	-3738 Sep 11 j 16:08	10°♌45'11	
	-3738 Sep 23 j 13:58	0°♍	
superior conj	-3738 Sep 26 j 14:50	4°♍49'17	0°13'32
minimum elong	-3738 Sep 26 j 16:34	4°♍56'10	0°13'23
behind sun begin	-3738 Sep 26 j 10:06	4°♍30'33	
behind sun end	-3738 Sep 26 j 23:02	5°♍21'45	
desc. node	-3738 Sep 28 j 17:54	8°♍11'06	
max. Earth dist.	-3738 Sep 28 j 20:37	8°♍21'49	1.44789 AU
	-3738 Oct 12 j 15:21	0°♎	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening rise	-3738 Oct 13 j 04:18	0°♎50'45	
greatest brilliancy	-3738 Oct 27 j 05:33	22°♎37'08	-0.7m
	-3738 Nov 01 j 10:08	0°♏	
evening max el	-3738 Nov 05 j 16:21	5°♏05'46	19°24'06
retrograde	-3738 Nov 12 j 20:29	9°♏14'20	
asc. node	-3738 Nov 13 j 10:07	9°♏12'29	
evening set	-3738 Nov 16 j 03:33	8°♏11'00	
inferior conj	-3738 Nov 21 j 19:43	2°♏14'33	2°36'33
minimum elong	-3738 Nov 21 j 16:43	2°♏24'10	2°35'32
min. Earth dist.	-3738 Nov 23 j 01:21	0°♏39'18	0.66025 AU
	-3738 Nov 23 j 13:47	30°℞♎	
morning rise	-3738 Nov 27 j 05:06	26°♎01'28	
direct	-3738 Dec 03 j 10:06	23°♎19'34	
	-3738 Dec 15 j 05:30	0°♏	
morning max el	-3738 Dec 15 j 21:49	0°♏40'12	26°03'27
desc. node	-3738 Dec 25 j 17:39	12°♏13'56	
	-3737 Jan 06 j 23:45	0°♐	
morning set	-3737 Jan 21 j 01:45	24°♐03'42	
	-3737 Jan 24 j 05:20	0°♑	
max. Earth dist.	-3737 Jan 25 j 02:24	1°♑41'31	1.35597 AU
superior conj	-3737 Jan 30 j 04:44	11°♑48'45	-1°-29'-37
minimum elong	-3737 Jan 30 j 07:56	12°♑04'57	1°29'24
evening rise	-3737 Feb 07 j 01:21	27°♑58'25	
	-3737 Feb 08 j 01:14	0°♒	
asc. node	-3737 Feb 09 j 09:18	2°♒41'14	
evening max el	-3737 Feb 25 j 09:34	27°♒30'03	20°21'08
	-3737 Feb 28 j 11:02	0°♓	
retrograde	-3737 Mar 08 j 00:38	2°♓33'19	
evening set	-3737 Mar 10 j 07:57	2°♓20'04	
	-3737 Mar 16 j 09:08	30°℞♒	
inferior conj	-3737 Mar 19 j 05:59	28°♒21'30	1°12'54
minimum elong	-3737 Mar 19 j 09:06	28°♒16'53	1°11'47
min. Earth dist.	-3737 Mar 20 j 22:06	27°♒22'16	0.55475 AU
desc. node	-3737 Mar 23 j 16:44	25°♒50'03	
morning rise	-3737 Mar 28 j 08:01	23°♒59'49	
direct	-3737 Mar 31 j 23:25	23°♒30'54	
	-3737 Apr 14 j 08:08	0°♓	
morning max el	-3737 Apr 14 j 12:30	0°♓10'17	23°25'43
	-3737 May 04 j 10:18	0°♈	
morning set	-3737 May 07 j 22:31	7°♈09'58	
asc. node	-3737 May 08 j 08:52	8°♈04'15	
superior conj	-3737 May 15 j 02:16	22°♈27'05	1°04'50
minimum elong	-3737 May 14 j 23:50	22°♈14'00	1°04'28
max. Earth dist.	-3737 May 17 j 08:27	27°♈15'05	1.33726 AU
	-3737 May 18 j 15:52	0°♉	
evening rise	-3737 May 22 j 17:15	8°♉16'57	
	-3737 Jun 03 j 14:05	0°♊	
desc. node	-3737 Jun 19 j 15:32	23°♊07'07	
evening max el	-3737 Jun 25 j 12:33	29°♊28'52	27°22'59
	-3737 Jun 26 j 01:42	0°♋	
retrograde	-3737 Jul 09 j 02:36	6°♋52'54	
evening set	-3737 Jul 16 j 05:28	4°♋09'53	
min. Earth dist.	-3737 Jul 19 j 21:08	0°♋49'55	0.64017 AU
	-3737 Jul 20 j 16:16	30°℞♊	
inferior conj	-3737 Jul 22 j 08:19	28°♊13'19	-3°-37'-16
minimum elong	-3737 Jul 22 j 12:06	28°♊03'16	3°36'18
morning rise	-3737 Jul 28 j 20:32	22°♊49'39	
direct	-3737 Jul 31 j 12:01	22°♊14'15	
asc. node	-3737 Aug 04 j 08:15	23°♊28'38	
morning max el	-3737 Aug 07 j 00:27	25°♊40'33	18°01'02
	-3737 Aug 10 j 15:32	0°♋	
morning set	-3737 Aug 24 j 07:35	22°♋13'18	
	-3737 Aug 28 j 20:58	0°♌	
superior conj	-3737 Sep 06 j 05:50	13°♌55'13	0°57'34
minimum elong	-3737 Sep 06 j 11:23	14°♌17'52	0°57'01
max. Earth dist.	-3737 Sep 11 j 13:28	22°♌29'57	1.44125 AU
desc. node	-3737 Sep 15 j 14:54	28°♌55'52	
	-3737 Sep 16 j 07:13	0°♍	
evening rise	-3737 Sep 22 j 13:24	9°♍44'33	
	-3737 Oct 05 j 21:43	0°♎	
greatest brilliancy	-3737 Oct 13 j 08:04	10°♎37'00	-0.6m
evening max el	-3737 Oct 19 j 20:13	18°♎32'26	20°21'57
retrograde	-3737 Oct 27 j 17:52	23°♎11'33	
evening set	-3737 Oct 31 j 10:03	21°♎53'22	
asc. node	-3737 Oct 31 j 07:12	21°♎58'21	
inferior conj	-3737 Nov 05 j 22:03	15°♎45'31	1°50'35
minimum elong	-3737 Nov 05 j 19:42	15°♎53'25	1°49'40
min. Earth dist.	-3737 Nov 06 j 15:30	14°♎46'47	0.66812 AU
morning rise	-3737 Nov 11 j 04:50	9°♎28'53	
direct	-3737 Nov 16 j 19:00	7°♎03'24	
morning max el	-3737 Nov 28 j 06:39	13°♎53'50	24°45'10
	-3737 Dec 11 j 09:51	0°♏	
desc. node	-3737 Dec 12 j 14:39	1°♏40'32	
	-3737 Dec 30 j 19:50	0°♐	
morning set	-3736 Jan 03 j 07:07	6°♐00'46	
max. Earth dist.	-3736 Jan 07 j 01:38	12°♐47'34	1.37403 AU
superior conj	-3736 Jan 13 j 15:23	25°♐13'23	-1°-45'-48
minimum elong	-3736 Jan 13 j 18:04	25°♐26'28	1°45'46
	-3736 Jan 16 j 01:46	0°♑	
evening rise	-3736 Jan 22 j 03:07	12°♑05'47	
asc. node	-3736 Jan 27 j 06:21	22°♑04'17	
	-3736 Jan 31 j 19:22	0°♒	
evening max el	-3736 Feb 08 j 01:54	9°♒25'46	19°18'20
retrograde	-3736 Feb 17 j 02:04	13°♒43'13	
evening set	-3736 Feb 19 j 09:59	13°♒27'15	
inferior conj	-3736 Feb 27 j 15:52	9°♒17'55	2°45'11
minimum elong	-3736 Feb 27 j 20:51	9°♒09'35	2°43'50
min. Earth dist.	-3736 Mar 01 j 13:13	7°♒22'38	0.56648 AU
morning rise	-3736 Mar 07 j 03:54	4°♒25'53	
desc. node	-3736 Mar 09 j 13:50	3°♒45'40	
direct	-3736 Mar 12 j 00:00	3°♒31'54	
morning max el	-3736 Mar 26 j 03:36	10°♒45'27	25°03'26
	-3736 Apr 09 j 17:25	0°♓	
morning set	-3736 Apr 21 j 10:45	22°♓12'18	
asc. node	-3736 Apr 24 j 05:54	28°♓09'52	
	-3736 Apr 25 j 02:17	0°♈	
superior conj	-3736 Apr 28 j 11:59	7°♈24'03	0°43'05
minimum elong	-3736 Apr 28 j 10:12	7°♈14'20	0°42'45
max. Earth dist.	-3736 Apr 29 j 16:31	9°♈58'47	1.33000 AU
evening rise	-3736 May 05 j 18:17	22°♈48'33	
	-3736 May 09 j 08:51	0°♉	
	-3736 May 27 j 11:09	0°♊	
desc. node	-3736 Jun 05 j 12:38	10°♊53'14	
evening max el	-3736 Jun 06 j 20:41	12°♊12'22	27°19'01
retrograde	-3736 Jun 20 j 17:36	19°♊35'38	
evening set	-3736 Jun 27 j 19:47	17°♊10'39	
min. Earth dist.	-3736 Jul 01 j 10:00	14°♊17'23	0.62263 AU
inferior conj	-3736 Jul 04 j 10:06	11°♊27'27	-4°-7'-34
minimum elong	-3736 Jul 04 j 12:54	11°♊20'48	4°07'06
morning rise	-3736 Jul 11 j 08:34	6°♊23'31	
direct	-3736 Jul 13 j 21:14	5°♊54'58	
morning max el	-3736 Jul 20 j 15:03	9°♊19'44	17°56'50
asc. node	-3736 Jul 21 j 05:20	9°♊55'59	
	-3736 Aug 03 j 05:33	0°♋	
morning set	-3736 Aug 05 j 20:34	4°♋42'56	
superior conj	-3736 Aug 16 j 23:32	24°♋20'20	1°28'17
minimum elong	-3736 Aug 17 j 04:31	24°♋41'36	1°27'59
	-3736 Aug 20 j 07:51	0°♌	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3736 Aug 24 j 01:46	6°♌11'39	1.42841 AU
evening rise	-3736 Aug 31 j 18:29	18°♌29'49	
desc. node	-3736 Sep 01 j 11:53	19°♌37'47	
	-3736 Sep 08 j 06:02	0°♍	
greatest brilliancy	-3736 Sep 26 j 17:04	26°♍10'12	-0.4m
	-3736 Sep 29 j 22:02	0°♎	
evening max el	-3736 Oct 01 j 17:59	1°♎58'04	21°32'11
retrograde	-3736 Oct 10 j 14:24	7°♎13'19	
evening set	-3736 Oct 14 j 18:00	5°♎37'42	
asc. node	-3736 Oct 17 j 04:19	3°♎14'13	
	-3736 Oct 19 j 16:26	30°℞♍	
inferior conj	-3736 Oct 20 j 03:27	29°♍22'05	1°00'15
minimum elong	-3736 Oct 20 j 02:05	29°♍26'46	0°59'41
min. Earth dist.	-3736 Oct 20 j 09:59	28°♍59'35	0.67279 AU
morning rise	-3736 Oct 25 j 09:52	23°♍04'48	
direct	-3736 Oct 30 j 08:43	20°♍59'59	
morning max el	-3736 Nov 09 j 15:59	27°♍09'09	23°19'03
	-3736 Nov 12 j 07:31	0°♎	
greatest brilliancy	-3736 Nov 15 j 02:00	3°♎16'25	-0.2m
desc. node	-3736 Nov 28 j 11:38	21°♎34'39	
	-3736 Dec 04 j 01:56	0°♏	
morning set	-3736 Dec 14 j 11:07	16°♏39'42	
max. Earth dist.	-3736 Dec 18 j 21:00	24°♏11'06	1.39456 AU
	-3736 Dec 22 j 04:10	0°♐	
superior conj	-3736 Dec 26 j 11:37	7°♐51'07	-1°-54'-35
minimum elong	-3736 Dec 26 j 12:31	7°♐55'16	1°54'42
evening rise	-3735 Jan 04 j 20:48	25°♐43'26	
	-3735 Jan 07 j 02:19	0°♑	
asc. node	-3735 Jan 13 j 03:23	10°♑59'15	
evening max el	-3735 Jan 21 j 03:26	21°♑54'00	18°35'15
retrograde	-3735 Jan 28 j 21:12	25°♑40'05	
evening set	-3735 Jan 31 j 08:13	25°♑18'37	
inferior conj	-3735 Feb 07 j 21:28	20°♑50'02	3°40'25
minimum elong	-3735 Feb 08 j 00:47	20°♑43'35	3°39'49
min. Earth dist.	-3735 Feb 11 j 06:34	18°♑13'43	0.58415 AU
morning rise	-3735 Feb 15 j 13:44	15°♑31'17	
direct	-3735 Feb 21 j 13:53	14°♑00'23	
desc. node	-3735 Feb 24 j 10:55	14°♑20'57	
morning max el	-3735 Mar 07 j 20:15	21°♑31'40	26°26'54
	-3735 Mar 15 j 06:02	0°♒	
	-3735 Apr 02 j 09:26	0°♓	
morning set	-3735 Apr 05 j 21:59	7°♓11'25	
asc. node	-3735 Apr 11 j 02:54	18°♓21'39	
superior conj	-3735 Apr 12 j 23:29	22°♓25'30	0°19'20
minimum elong	-3735 Apr 12 j 22:39	22°♓20'52	0°19'08
max. Earth dist.	-3735 Apr 13 j 05:04	22°♓56'01	1.32618 AU
	-3735 Apr 16 j 10:57	0°♈	
evening rise	-3735 Apr 20 j 00:59	7°♈36'45	
	-3735 May 01 j 21:08	0°♉	
evening max el	-3735 May 19 j 23:56	24°♉18'04	26°42'14
desc. node	-3735 May 23 j 09:42	27°♉14'59	
	-3735 May 27 j 17:09	0°♊	
retrograde	-3735 Jun 03 j 00:59	1°♊37'34	
	-3735 Jun 09 j 03:55	30°℞♉	
evening set	-3735 Jun 09 j 15:40	29°♉44'04	
min. Earth dist.	-3735 Jun 13 j 13:24	27°♉02'58	0.60270 AU
inferior conj	-3735 Jun 16 j 21:37	24°♉17'44	-4°-20'-44
minimum elong	-3735 Jun 16 j 22:00	24°♉16'58	4°20'38
morning rise	-3735 Jun 24 j 07:38	19°♉35'27	
direct	-3735 Jun 26 j 19:14	19°♉11'58	
morning max el	-3735 Jul 04 j 02:45	22°♉45'22	18°11'46
asc. node	-3735 Jul 08 j 02:24	27°♉27'04	
	-3735 Jul 09 j 20:29	0°♊	
morning set	-3735 Jul 20 j 01:45	18°♊00'52	
	-3735 Jul 26 j 11:40	0°♋	
superior conj	-3735 Jul 29 j 19:37	6°♋04'26	1°44'41
minimum elong	-3735 Jul 29 j 22:01	6°♋15'18	1°44'44
max. Earth dist.	-3735 Aug 06 j 08:49	19°♋16'19	1.41114 AU
evening rise	-3735 Aug 11 j 15:12	28°♋00'36	
	-3735 Aug 12 j 20:43	0°♌	
desc. node	-3735 Aug 19 j 08:53	10°♌13'44	
	-3735 Sep 01 j 21:45	0°♍	
greatest brilliancy	-3735 Sep 09 j 11:26	9°♍52'08	-0.3m
evening max el	-3735 Sep 14 j 10:05	15°♍24'15	22°50'31
retrograde	-3735 Sep 24 j 08:36	21°♍17'45	
evening set	-3735 Sep 29 j 01:39	19°♍22'49	
inferior conj	-3735 Oct 04 j 10:04	13°♍02'54	0°07'26
minimum elong	-3735 Oct 04 j 09:54	13°♍03'30	0°07'23
transit middle	-3735 Oct 04 j 09:54	13°♍03'30	0°07'23
transit begin	-3735 Oct 04 j 07:29	13°♍11'48	
transit end	-3735 Oct 04 j 12:18	12°♍55'12	
asc. node	-3735 Oct 04 j 01:25	13°♍32'44	
min. Earth dist.	-3735 Oct 04 j 06:18	13°♍15'55	0.67445 AU
morning rise	-3735 Oct 09 j 18:05	6°♍48'02	
direct	-3735 Oct 14 j 02:25	5°♍04'58	
morning max el	-3735 Oct 23 j 05:10	10°♍29'18	21°54'10
greatest brilliancy	-3735 Oct 28 j 02:05	16°♍02'20	-0.4m
	-3735 Nov 07 j 09:00	0°♎	
desc. node	-3735 Nov 15 j 08:36	11°♎48'32	
morning set	-3735 Nov 24 j 10:17	25°♎54'59	
	-3735 Nov 26 j 23:10	0°♏	
max. Earth dist.	-3735 Nov 30 j 20:40	6°♏24'11	1.41486 AU
superior conj	-3735 Dec 08 j 12:11	19°♏28'50	-1°-52'-28
minimum elong	-3735 Dec 08 j 09:49	19°♏18'26	1°52'30
	-3735 Dec 14 j 09:07	0°♐	
evening rise	-3735 Dec 19 j 03:14	8°♐44'34	
asc. node	-3735 Dec 31 j 00:25	29°♐17'31	
	-3735 Dec 31 j 12:20	0°♑	
evening max el	-3734 Jan 04 j 11:31	4°♑47'07	18°12'13
retrograde	-3734 Jan 11 j 10:17	8°♑17'36	
evening set	-3734 Jan 14 j 00:08	7°♑49'25	
inferior conj	-3734 Jan 20 j 23:03	2°♑58'35	4°01'27
minimum elong	-3734 Jan 20 j 23:35	2°♑57'23	4°01'17
min. Earth dist.	-3734 Jan 24 j 05:01	0°♑04'10	0.60423 AU
	-3734 Jan 24 j 06:58	30°℞♐	
morning rise	-3734 Jan 27 j 20:15	27°♐20'15	
direct	-3734 Feb 03 j 14:51	25°♐11'47	
desc. node	-3734 Feb 11 j 08:00	27°♐41'00	
	-3734 Feb 14 j 13:57	0°♑	
morning max el	-3734 Feb 17 j 18:37	2°♑51'35	27°22'36
	-3734 Mar 09 j 15:13	0°♒	
morning set	-3734 Mar 21 j 06:24	22°♒00'32	
	-3734 Mar 25 j 01:10	0°♓	
superior conj	-3734 Mar 28 j 11:05	7°♓25'01	0°-5'-35
minimum elong	-3734 Mar 28 j 11:20	7°♓26'25	0°05'36
behind sun begin	-3734 Mar 28 j 06:36	7°♓00'34	
behind sun end	-3734 Mar 28 j 16:03	7°♓52'16	
max. Earth dist.	-3734 Mar 27 j 18:21	5°♓53'38	1.32578 AU
asc. node	-3734 Mar 28 j 23:53	8°♓35'02	
evening rise	-3734 Apr 04 j 11:05	22°♓33'04	
	-3734 Apr 08 j 02:22	0°♈	
	-3734 Apr 26 j 15:42	0°♉	
evening max el	-3734 May 01 j 20:48	5°♉41'03	25°35'22
desc. node	-3734 May 10 j 06:49	11°♉38'34	
retrograde	-3734 May 15 j 22:36	12°♉53'36	
evening set	-3734 May 21 j 13:53	11°♉38'18	
min. Earth dist.	-3734 May 26 j 09:07	8°♉52'33	0.58251 AU
inferior conj	-3734 May 29 j 15:11	6°♉33'36	-4°-7'-35
minimum elong	-3734 May 29 j 12:00	6°♉39'20	4°07'10
morning rise	-3734 Jun 06 j 14:04	2°♉13'11	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3734 Jun 09 j 01:33	1°♉53'43	
morning max el	-3734 Jun 17 j 08:37	5°♉48'06	18°46'49
asc. node	-3734 Jun 24 j 23:26	15°♉47'03	
	-3734 Jul 02 j 18:58	0°♊	
morning set	-3734 Jul 03 j 18:38	1°♊54'57	
superior conj	-3734 Jul 12 j 12:41	18°♊52'33	1°49'05
minimum elong	-3734 Jul 12 j 12:36	18°♊52'11	1°49'14
	-3734 Jul 18 j 13:27	0°♋	
max. Earth dist.	-3734 Jul 19 j 11:35	1°♋38'47	1.39172 AU
evening rise	-3734 Jul 23 j 13:20	8°♋44'25	
	-3734 Aug 05 j 19:30	0°♌	
desc. node	-3734 Aug 06 j 05:52	0°♌38'57	
evening max el	-3734 Aug 27 j 22:11	28°♌51'57	24°11'09
	-3734 Aug 29 j 02:23	0°♍	
retrograde	-3734 Sep 07 j 23:18	5°♍21'25	
evening set	-3734 Sep 13 j 07:13	3°♍06'47	
	-3734 Sep 16 j 05:19	30°℞♌	
min. Earth dist.	-3734 Sep 18 j 02:02	27°♌33'51	0.67306 AU
inferior conj	-3734 Sep 18 j 16:11	26°♌46'00	0°-46'-15
minimum elong	-3734 Sep 18 j 17:17	26°♌42'19	0°45'44
asc. node	-3734 Sep 20 j 22:32	23°♌48'41	
morning rise	-3734 Sep 24 j 03:34	20°♌36'38	
direct	-3734 Sep 27 j 22:56	19°♌13'56	
morning max el	-3734 Oct 06 j 01:00	23°♌57'38	20°37'24
	-3734 Oct 11 j 04:45	0°♍	
greatest brilliancy	-3734 Oct 12 j 05:52	1°♍22'05	-0.5m
	-3734 Oct 31 j 18:18	0°♎	
desc. node	-3734 Nov 02 j 05:34	2°♎16'02	
morning set	-3734 Nov 03 j 11:46	4°♎13'01	
max. Earth dist.	-3734 Nov 13 j 03:55	19°♎31'18	1.43192 AU
superior conj	-3734 Nov 19 j 11:26	29°♎52'44	-1°-35'-38
minimum elong	-3734 Nov 19 j 05:24	29°♎27'35	1°35'15
	-3734 Nov 19 j 13:11	0°♏	
evening rise	-3734 Dec 01 j 18:23	21°♏00'51	
	-3734 Dec 06 j 21:13	0°♐	
asc. node	-3734 Dec 17 j 21:27	16°♐48'06	
evening max el	-3734 Dec 18 j 23:15	17°♐57'03	18°08'52
retrograde	-3734 Dec 25 j 13:21	21°♐25'24	
evening set	-3734 Dec 28 j 06:10	20°♐49'37	
inferior conj	-3733 Jan 03 j 17:32	15°♐37'16	3°56'54
minimum elong	-3733 Jan 03 j 15:51	15°♐41'34	3°56'36
min. Earth dist.	-3733 Jan 06 j 11:58	12°♐47'34	0.62364 AU
morning rise	-3733 Jan 09 j 23:32	9°♐44'53	
direct	-3733 Jan 17 j 00:49	7°♐08'37	
desc. node	-3733 Jan 29 j 05:04	13°♐13'48	
morning max el	-3733 Jan 30 j 23:14	14°♐53'02	27°43'03
	-3733 Feb 12 j 07:39	0°♑	
	-3733 Mar 02 j 02:46	0°♒	
morning set	-3733 Mar 05 j 09:55	6°♒32'32	
max. Earth dist.	-3733 Mar 11 j 04:28	18°♒37'42	1.32890 AU
superior conj	-3733 Mar 12 j 21:08	22°♒17'02	0°-30'-47
minimum elong	-3733 Mar 12 j 22:31	22°♒24'32	0°30'36
asc. node	-3733 Mar 15 j 20:51	28°♒46'12	
	-3733 Mar 16 j 10:29	0°♓	
evening rise	-3733 Mar 19 j 22:42	7°♓30'39	
	-3733 Mar 31 j 20:22	0°♈	
evening max el	-3733 Apr 13 j 12:56	16°♈31'35	24°07'51
retrograde	-3733 Apr 27 j 08:43	23°♈28'02	
desc. node	-3733 Apr 27 j 03:54	23°♈27'57	
evening set	-3733 May 01 j 16:15	22°♈46'33	
min. Earth dist.	-3733 May 08 j 00:32	19°♈41'33	0.56518 AU
inferior conj	-3733 May 10 j 12:37	18°♈07'58	-3°-17'-50
minimum elong	-3733 May 10 j 06:44	18°♈17'11	3°16'27
morning rise	-3733 May 19 j 01:12	14°♈05'17	
direct	-3733 May 21 j 12:55	13°♈48'54	
morning max el	-3733 May 31 j 06:01	18°♈19'10	19°42'21
	-3733 Jun 09 j 03:10	0°♉	
asc. node	-3733 Jun 11 j 20:29	4°♉44'30	
morning set	-3733 Jun 17 j 19:49	16°♉16'25	
	-3733 Jun 24 j 15:12	0°♊	
superior conj	-3733 Jun 25 j 21:13	2°♊29'10	1°44'16
minimum elong	-3733 Jun 25 j 19:28	2°♊20'31	1°44'18
max. Earth dist.	-3733 Jul 01 j 14:15	13°♊30'10	1.37269 AU
evening rise	-3733 Jul 05 j 12:26	20°♊42'20	
	-3733 Jul 10 j 20:28	0°♋	
desc. node	-3733 Jul 24 j 02:53	20°♋48'01	
	-3733 Jul 30 j 18:34	0°♌	
evening max el	-3733 Aug 10 j 08:48	12°♌22'24	25°26'47
retrograde	-3733 Aug 22 j 09:54	19°♌20'21	
evening set	-3733 Aug 28 j 08:53	16°♌48'17	
min. Earth dist.	-3733 Sep 01 j 18:49	11°♌51'58	0.66847 AU
inferior conj	-3733 Sep 02 j 20:05	10°♌29'58	-1°-39'-9
minimum elong	-3733 Sep 02 j 22:23	10°♌22'29	1°38'08
asc. node	-3733 Sep 07 j 19:39	4°♌59'07	
morning rise	-3733 Sep 08 j 12:28	4°♌29'11	
direct	-3733 Sep 11 j 20:59	3°♌24'00	
morning max el	-3733 Sep 19 j 04:11	7°♌35'07	19°33'09
greatest brilliancy	-3733 Sep 28 j 01:33	19°♌00'45	-0.7m
	-3733 Oct 05 j 09:05	0°♍	
morning set	-3733 Oct 13 j 12:32	12°♍36'12	
desc. node	-3733 Oct 20 j 02:31	22°♍52'36	
	-3733 Oct 24 j 15:16	0°♎	
max. Earth dist.	-3733 Oct 26 j 17:26	3°♎18'22	1.44354 AU
superior conj	-3733 Oct 30 j 07:17	9°♎00'13	-1°-1'-56
minimum elong	-3733 Oct 30 j 00:32	8°♎33'15	1°01'11
	-3733 Nov 12 j 03:29	0°♏	
evening rise	-3733 Nov 13 j 13:36	2°♏22'31	
	-3733 Dec 01 j 07:40	0°♐	
evening max el	-3733 Dec 02 j 11:51	1°♐16'37	18°24'24
asc. node	-3733 Dec 04 j 18:33	3°♐16'46	
retrograde	-3733 Dec 09 j 01:48	4°♐53'34	
evening set	-3733 Dec 11 j 22:40	4°♐08'50	
	-3733 Dec 16 j 19:32	30°℞♏	
inferior conj	-3733 Dec 18 j 00:58	28°♏37'14	3°34'36
minimum elong	-3733 Dec 17 j 22:07	28°♏45'24	3°33'57
min. Earth dist.	-3733 Dec 20 j 04:56	26°♏09'18	0.64055 AU
morning rise	-3733 Dec 23 j 20:07	22°♏34'36	
direct	-3733 Dec 30 j 18:27	19°♏45'07	
morning max el	-3732 Jan 13 j 07:48	27°♏28'47	27°27'35
	-3732 Jan 15 j 17:50	0°♐	
desc. node	-3732 Jan 16 j 02:06	0°♐22'43	
	-3732 Feb 05 j 23:21	0°♑	
morning set	-3732 Feb 17 j 05:51	20°♑37'08	
	-3732 Feb 21 j 21:01	0°♒	
max. Earth dist.	-3732 Feb 22 j 07:15	0°♒53'14	1.33592 AU
superior conj	-3732 Feb 25 j 03:48	6°♒54'10	0°-55'-21
minimum elong	-3732 Feb 25 j 06:11	7°♒06'53	0°55'03
asc. node	-3732 Mar 01 j 17:51	18°♒50'11	
evening rise	-3732 Mar 03 j 09:58	22°♒21'51	
	-3732 Mar 07 j 03:38	0°♓	
evening max el	-3732 Mar 25 j 05:55	27°♓14'03	22°33'34
	-3732 Mar 28 j 12:32	0°♈	
retrograde	-3732 Apr 07 j 06:38	3°♈36'29	
evening set	-3732 Apr 10 j 08:46	3°♈15'32	
desc. node	-3732 Apr 13 j 01:01	2°♈26'11	
	-3732 Apr 18 j 00:03	30°℞♓	
min. Earth dist.	-3732 Apr 18 j 14:45	29°♓39'12	0.55410 AU
inferior conj	-3732 Apr 19 j 16:14	29°♓02'47	-1°-47'-48

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3732 Apr 19 j 11:34	29°♓09'27	1°46'21
morning rise	-3732 Apr 28 j 16:37	25°♓06'02	
direct	-3732 May 01 j 07:19	24°♓50'14	
morning max el	-3732 May 12 j 16:53	0°♈10'13	20°57'33
	-3732 May 12 j 12:28	0°♈	
asc. node	-3732 May 28 j 17:30	24°♈09'39	
	-3732 May 31 j 15:26	0°♉	
morning set	-3732 Jun 01 j 02:39	0°♉57'28	
superior conj	-3732 Jun 08 j 16:39	16°♉40'31	1°32'40
minimum elong	-3732 Jun 08 j 14:06	16°♉27'25	1°32'30
max. Earth dist.	-3732 Jun 12 j 23:07	25°♉17'25	1.35613 AU
	-3732 Jun 15 j 09:02	0°♊	
evening rise	-3732 Jun 17 j 07:37	3°♊41'31	
	-3732 Jul 02 j 17:53	0°♋	
desc. node	-3732 Jul 09 j 23:56	10°♋33'40	
evening max el	-3732 Jul 22 j 19:52	25°♋53'18	26°29'31
	-3732 Jul 27 j 15:48	0°♌	
retrograde	-3732 Aug 04 j 15:48	3°♌08'47	
evening set	-3732 Aug 11 j 04:33	0°♌24'55	
	-3732 Aug 11 j 15:56	30°℞♋	
min. Earth dist.	-3732 Aug 15 j 06:22	26°♋07'00	0.66039 AU
inferior conj	-3732 Aug 16 j 19:54	24°♋12'32	-2°-29'-23
minimum elong	-3732 Aug 16 j 23:12	24°♋02'28	2°28'07
morning rise	-3732 Aug 22 j 18:48	18°♋23'25	
asc. node	-3732 Aug 24 j 16:46	17°♋38'58	
direct	-3732 Aug 25 j 18:50	17°♋32'17	
morning max el	-3732 Sep 01 j 13:35	21°♋19'31	18°44'04
	-3732 Sep 08 j 08:29	0°♌	
morning set	-3732 Sep 22 j 09:42	22°♌02'31	
	-3732 Sep 27 j 09:25	0°♍	
desc. node	-3732 Oct 05 j 23:28	13°♍35'06	
superior conj	-3732 Oct 08 j 08:42	17°♍20'33	0°-15'-7
minimum elong	-3732 Oct 08 j 06:42	17°♍12'42	0°14'49
behind sun begin	-3732 Oct 08 j 01:52	16°♍53'37	
behind sun end	-3732 Oct 08 j 11:33	17°♍31'47	
max. Earth dist.	-3732 Oct 08 j 10:38	17°♍28'10	1.44837 AU
	-3732 Oct 16 j 09:15	0°♎	
evening rise	-3732 Oct 24 j 08:53	12°♎42'18	
	-3732 Nov 04 j 05:36	0°♏	
evening max el	-3732 Nov 14 j 22:49	14°♏41'47	18°57'38
asc. node	-3732 Nov 20 j 15:40	18°♏28'35	
retrograde	-3732 Nov 21 j 19:53	18°♏36'20	
evening set	-3732 Nov 24 j 22:37	17°♏40'35	
inferior conj	-3732 Nov 30 j 17:57	11°♏52'32	3°00'15
minimum elong	-3732 Nov 30 j 14:49	12°♏02'16	2°59'18
min. Earth dist.	-3732 Dec 02 j 07:27	9°♏56'30	0.65412 AU
morning rise	-3732 Dec 06 j 06:01	5°♏42'36	
direct	-3732 Dec 12 j 18:42	2°♏54'18	
morning max el	-3732 Dec 25 j 17:26	10°♏27'06	26°41'03
desc. node	-3731 Jan 01 j 23:09	18°♏40'00	
	-3731 Jan 10 j 07:07	0°♐	
	-3731 Jan 28 j 10:46	0°♂	
morning set	-3731 Jan 30 j 14:39	4°♂03'13	
max. Earth dist.	-3731 Feb 03 j 23:11	12°♂32'16	1.34734 AU
superior conj	-3731 Feb 08 j 04:57	21°♂09'45	-1°-18'-2
minimum elong	-3731 Feb 08 j 08:01	21°♂25'38	1°17'45
	-3731 Feb 12 j 10:30	0°♒	
evening rise	-3731 Feb 15 j 19:07	7°♒00'46	
asc. node	-3731 Feb 16 j 14:52	8°♒42'28	
	-3731 Feb 28 j 10:20	0°♓	
evening max el	-3731 Mar 07 j 05:58	8°♓15'24	21°05'29
retrograde	-3731 Mar 18 j 20:18	13°♓48'00	
evening set	-3731 Mar 21 j 06:33	13°♓34'20	
inferior conj	-3731 Mar 30 j 11:30	9°♓36'08	0°07'24
minimum elong	-3731 Mar 30 j 11:51	9°♓35'39	0°07'13
transit middle	-3731 Mar 30 j 11:51	9°♓35'39	0°07'13
transit begin	-3731 Mar 30 j 08:12	9°♓40'50	
transit end	-3731 Mar 30 j 15:29	9°♓30'29	
desc. node	-3731 Mar 30 j 22:08	9°♓21'02	
min. Earth dist.	-3731 Mar 31 j 04:56	9°♓11'24	0.55183 AU
morning rise	-3731 Apr 08 j 16:19	5°♓28'03	
direct	-3731 Apr 11 j 19:19	5°♓06'43	
morning max el	-3731 Apr 24 j 17:03	11°♓19'52	22°28'50
	-3731 May 08 j 08:59	0°♈	
asc. node	-3731 May 15 j 14:29	13°♈55'14	
morning set	-3731 May 16 j 13:00	15°♈51'47	
	-3731 May 23 j 05:12	0°♉	
superior conj	-3731 May 23 j 19:34	1°♉16'00	1°16'05
minimum elong	-3731 May 23 j 16:55	1°♉02'01	1°15'46
max. Earth dist.	-3731 May 26 j 17:57	7°♉24'17	1.34312 AU
evening rise	-3731 May 31 j 17:38	17°♉26'52	
	-3731 Jun 07 j 10:53	0°♊	
desc. node	-3731 Jun 26 j 21:01	29°♊45'20	
	-3731 Jun 27 j 01:38	0°♋	
evening max el	-3731 Jul 05 j 07:23	9°♋16'00	27°11'18
retrograde	-3731 Jul 18 j 16:17	16°♋38'30	
evening set	-3731 Jul 25 j 15:30	13°♋52'03	
min. Earth dist.	-3731 Jul 29 j 10:21	10°♋11'55	0.64862 AU
inferior conj	-3731 Jul 31 j 13:20	7°♋48'52	-3°-14'-40
minimum elong	-3731 Jul 31 j 17:10	7°♋38'06	3°13'30
morning rise	-3731 Aug 06 j 20:16	2°♋14'45	
direct	-3731 Aug 09 j 14:15	1°♋34'21	
asc. node	-3731 Aug 11 j 13:52	1°♋55'17	
morning max el	-3731 Aug 16 j 02:59	5°♋05'54	18°11'39
	-3731 Sep 01 j 18:00	0°♌	
morning set	-3731 Sep 03 j 10:23	2°♌48'41	
superior conj	-3731 Sep 17 j 12:36	25°♌52'25	0°33'32
minimum elong	-3731 Sep 17 j 16:33	26°♌08'10	0°33'07
	-3731 Sep 20 j 02:45	0°♍	
max. Earth dist.	-3731 Sep 21 j 04:38	1°♍42'33	1.44592 AU
desc. node	-3731 Sep 22 j 20:27	4°♍19'53	
evening rise	-3731 Oct 04 j 04:08	22°♍01'21	
	-3731 Oct 09 j 07:47	0°♎	
greatest brilliancy	-3731 Oct 21 j 09:12	18°♎09'48	-0.6m
evening max el	-3731 Oct 29 j 05:51	28°♎08'40	19°47'04
	-3731 Oct 31 j 05:18	0°♏	
retrograde	-3731 Nov 05 j 16:37	2°♏29'00	
asc. node	-3731 Nov 07 j 12:47	2°♏09'22	
evening set	-3731 Nov 09 j 03:20	1°♏19'40	
	-3731 Nov 10 j 18:20	30°℞♎	
inferior conj	-3731 Nov 14 j 17:32	25°♎18'12	2°17'42
minimum elong	-3731 Nov 14 j 14:46	25°♎27'18	2°16'41
min. Earth dist.	-3731 Nov 15 j 17:51	23°♎58'20	0.66409 AU
morning rise	-3731 Nov 20 j 01:32	19°♎03'28	
direct	-3731 Nov 26 j 00:33	16°♎27'34	
morning max el	-3731 Dec 08 j 02:24	23°♎36'25	25°31'38
	-3731 Dec 13 j 19:54	0°♏	
desc. node	-3731 Dec 19 j 20:10	7°♏45'17	
	-3730 Jan 03 j 16:11	0°♐	
morning set	-3730 Jan 13 j 07:37	16°♐36'44	
max. Earth dist.	-3730 Jan 17 j 03:34	23°♐42'56	1.36323 AU
	-3730 Jan 20 j 09:59	0°♂	
superior conj	-3730 Jan 22 j 21:51	4°♂55'37	-1°-37'-13
minimum elong	-3730 Jan 23 j 00:58	5°♂11'08	1°37'04
evening rise	-3730 Jan 31 j 00:12	21°♂21'19	
asc. node	-3730 Feb 03 j 11:55	28°♂17'53	
	-3730 Feb 04 j 09:06	0°♒	
evening max el	-3730 Feb 17 j 16:15	19°♒50'10	19°52'07

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3730 Feb 27 j 13:45	24°♒32'03	
evening set	-3730 Mar 01 j 20:57	24°♒17'58	
inferior conj	-3730 Mar 10 j 12:30	20°♒16'28	1°56'13
minimum elong	-3730 Mar 10 j 16:56	20°♒09'35	1°54'46
min. Earth dist.	-3730 Mar 12 j 19:09	18°♒52'18	0.55882 AU
desc. node	-3730 Mar 17 j 19:15	16°♒16'21	
morning rise	-3730 Mar 19 j 09:49	15°♒42'30	
direct	-3730 Mar 23 j 13:02	15°♒04'37	
morning max el	-3730 Apr 06 j 09:40	22°♒00'16	24°08'04
	-3730 Apr 13 j 08:59	0°♓	
	-3730 Apr 30 j 14:50	0°♈	
morning set	-3730 May 01 j 01:05	0°♈53'37	
asc. node	-3730 May 02 j 11:30	3°♈55'26	
superior conj	-3730 May 08 j 03:26	16°♈07'41	0°55'55
minimum elong	-3730 May 08 j 01:13	15°♈55'45	0°55'33
max. Earth dist.	-3730 May 09 j 22:16	19°♈57'43	1.33377 AU
	-3730 May 14 j 17:24	0°♉	
evening rise	-3730 May 15 j 14:12	1°♉45'25	
	-3730 May 31 j 08:44	0°♊	
desc. node	-3730 Jun 13 j 18:04	18°♊08'47	
evening max el	-3730 Jun 17 j 17:37	22°♊18'32	27°25'17
retrograde	-3730 Jul 01 j 10:42	29°♊41'40	
evening set	-3730 Jul 08 j 14:28	27°♊04'49	
min. Earth dist.	-3730 Jul 12 j 04:55	23°♊57'32	0.63316 AU
inferior conj	-3730 Jul 14 j 21:46	21°♊13'48	-3°-51'-45
minimum elong	-3730 Jul 15 j 01:18	21°♊04'52	3°50'59
morning rise	-3730 Jul 21 j 14:09	15°♊57'58	
direct	-3730 Jul 24 j 04:19	15°♊25'35	
asc. node	-3730 Jul 29 j 10:56	17°♊39'34	
morning max el	-3730 Jul 30 j 17:56	18°♊49'53	17°56'54
	-3730 Aug 07 j 21:37	0°♋	
morning set	-3730 Aug 16 j 11:45	14°♋45'30	
	-3730 Aug 25 j 07:35	0°♌	
superior conj	-3730 Aug 28 j 14:22	5°♌30'20	1°12'25
minimum elong	-3730 Aug 28 j 20:06	5°♌54'11	1°11'56
max. Earth dist.	-3730 Sep 03 j 20:23	15°♌43'41	1.43656 AU
desc. node	-3730 Sep 09 j 17:26	25°♌03'57	
	-3730 Sep 12 j 21:22	0°♍	
evening rise	-3730 Sep 13 j 09:07	0°♍45'33	
	-3730 Oct 03 j 00:41	0°♎	
greatest brilliancy	-3730 Oct 06 j 13:15	4°♎46'07	-0.5m
evening max el	-3730 Oct 12 j 07:15	11°♎35'10	20°50'31
retrograde	-3730 Oct 20 j 13:47	16°♎28'37	
evening set	-3730 Oct 24 j 10:41	15°♎03'05	
asc. node	-3730 Oct 25 j 09:54	14°♎14'52	
inferior conj	-3730 Oct 29 j 21:24	8°♎51'31	1°29'37
minimum elong	-3730 Oct 29 j 19:26	8°♎58'11	1°28'49
min. Earth dist.	-3730 Oct 30 j 10:00	8°♎08'33	0.67057 AU
morning rise	-3730 Nov 04 j 03:47	2°♎34'30	
direct	-3730 Nov 09 j 11:26	0°♎17'40	
morning max el	-3730 Nov 20 j 11:07	6°♎50'43	24°08'53
desc. node	-3730 Dec 06 j 17:10	27°♎24'46	
	-3730 Dec 08 j 12:00	0°♏	
morning set	-3730 Dec 26 j 02:51	28°♏01'50	
	-3730 Dec 27 j 06:07	0°♐	
max. Earth dist.	-3730 Dec 30 j 00:35	4°♐53'36	1.38265 AU
superior conj	-3729 Jan 06 j 02:56	18°♐01'44	-1°-50'-37
minimum elong	-3729 Jan 06 j 05:02	18°♐11'48	1°50'40
	-3729 Jan 12 j 06:34	0°♑	
evening rise	-3729 Jan 14 j 22:53	5°♑17'00	
asc. node	-3729 Jan 21 j 08:57	17°♑29'58	
	-3729 Jan 29 j 15:19	0°♒	
evening max el	-3729 Jan 31 j 12:40	1°♒59'59	18°57'29
retrograde	-3729 Feb 08 j 22:31	6°♒02'23	
evening set	-3729 Feb 11 j 07:46	5°♒44'14	
inferior conj	-3729 Feb 19 j 06:19	1°♒26'59	3°13'20
minimum elong	-3729 Feb 19 j 10:53	1°♒18'49	3°12'14
	-3729 Feb 21 j 07:00	30°♑℞	
min. Earth dist.	-3729 Feb 22 j 10:35	29°♑12'05	0.57343 AU
morning rise	-3729 Feb 27 j 10:14	26°♑22'56	
direct	-3729 Mar 04 j 18:53	25°♑14'30	
desc. node	-3729 Mar 04 j 16:21	25°♑14'32	
	-3729 Mar 16 j 01:48	0°♒	
morning max el	-3729 Mar 19 j 00:44	2°♒36'36	25°41'47
	-3729 Apr 07 j 10:46	0°♓	
morning set	-3729 Apr 15 j 13:07	15°♓55'40	
asc. node	-3729 Apr 19 j 08:29	24°♓04'14	
	-3729 Apr 22 j 01:46	0°♈	
superior conj	-3729 Apr 22 j 14:06	1°♈07'16	0°33'13
minimum elong	-3729 Apr 22 j 12:41	0°♈59'32	0°32'55
max. Earth dist.	-3729 Apr 23 j 08:52	2°♈49'35	1.32794 AU
evening rise	-3729 Apr 29 j 17:56	16°♈25'07	
	-3729 May 06 j 16:18	0°♉	
	-3729 May 26 j 11:36	0°♊	
evening max el	-3729 May 30 j 23:50	4°♊46'46	27°07'17
desc. node	-3729 May 31 j 15:08	5°♊22'45	
retrograde	-3729 Jun 13 j 22:24	12°♊08'25	
evening set	-3729 Jun 20 j 21:25	9°♊55'09	
min. Earth dist.	-3729 Jun 24 j 13:21	7°♊09'25	0.61443 AU
inferior conj	-3729 Jun 27 j 17:54	4°♊18'56	-4°-15'-44
minimum elong	-3729 Jun 27 j 19:52	4°♊14'32	4°15'28
	-3729 Jul 03 j 11:46	30°♉℞	
morning rise	-3729 Jul 04 j 21:08	29°♉24'14	
direct	-3729 Jul 07 j 09:19	28°♉57'56	
	-3729 Jul 11 j 03:53	0°♊	
morning max el	-3729 Jul 14 j 07:39	2°♊24'33	18°00'48
asc. node	-3729 Jul 16 j 08:00	4°♊36'01	
morning set	-3729 Jul 30 j 08:13	27°♊37'25	
	-3729 Jul 31 j 15:19	0°♋	
superior conj	-3729 Aug 09 j 19:50	16°♋30'56	1°36'53
minimum elong	-3729 Aug 09 j 23:48	16°♋48'18	1°36'45
max. Earth dist.	-3729 Aug 17 j 06:47	29°♋12'12	1.42152 AU
	-3729 Aug 17 j 18:20	0°♌	
evening rise	-3729 Aug 23 j 18:48	9°♌44'33	
desc. node	-3729 Aug 27 j 14:24	15°♌43'52	
	-3729 Sep 06 j 01:14	0°♍	
greatest brilliancy	-3729 Sep 20 j 07:59	19°♍36'49	-0.4m
evening max el	-3729 Sep 25 j 02:22	25°♍00'37	22°04'46
	-3729 Oct 01 j 18:40	0°♎	
retrograde	-3729 Oct 04 j 09:35	0°♎32'23	
	-3729 Oct 06 j 20:55	30°♏℞	
evening set	-3729 Oct 08 j 18:44	28°♍48'29	
asc. node	-3729 Oct 12 j 07:00	25°♍01'13	
inferior conj	-3729 Oct 14 j 03:32	22°♍30'22	0°38'01
minimum elong	-3729 Oct 14 j 02:40	22°♍33'23	0°37'40
min. Earth dist.	-3729 Oct 14 j 05:34	22°♍23'23	0.67385 AU
morning rise	-3729 Oct 19 j 10:25	16°♍13'49	
direct	-3729 Oct 24 j 02:49	14°♍18'35	
morning max el	-3729 Nov 02 j 21:54	20°♍08'46	22°42'22
greatest brilliancy	-3729 Nov 07 j 15:22	25°♍27'41	-0.3m
	-3729 Nov 11 j 05:21	0°♎	
desc. node	-3729 Nov 23 j 14:10	17°♎28'27	
	-3729 Dec 01 j 17:57	0°♏	
morning set	-3729 Dec 06 j 18:43	8°♏05'29	
max. Earth dist.	-3729 Dec 11 j 21:20	16°♏37'31	1.40337 AU
	-3729 Dec 19 j 11:59	0°♐	
superior conj	-3729 Dec 19 j 15:30	0°♐15'55	-1°-55'-14
minimum elong	-3729 Dec 19 j 15:11	0°♐14'26	1°55'23

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening rise	-3729 Dec 29	j 12:16	18°♐40'52	
	-3728 Jan 04	j 14:34	0°♑	
asc. node	-3728 Jan 08	j 06:00	6°♑11'07	
evening max el	-3728 Jan 14	j 17:18	14°♑39'58	18°22'59
retrograde	-3728 Jan 22	j 01:53	18°♑18'03	
evening set	-3728 Jan 24	j 13:56	17°♑53'59	
inferior conj	-3728 Jan 31	j 20:46	13°♑15'59	3°53'03
minimum elong	-3728 Jan 31	j 22:54	13°♑11'32	3°52'42
min. Earth dist.	-3728 Feb 04	j 05:55	10°♑28'51	0.59252 AU
morning rise	-3728 Feb 08	j 04:29	7°♑47'41	
direct	-3728 Feb 14	j 13:40	6°♑00'15	
desc. node	-3728 Feb 19	j 13:27	7°♑02'43	
morning max el	-3728 Feb 28	j 19:49	13°♑36'33	26°54'41
	-3728 Mar 12	j 21:13	0°♒	
morning set	-3728 Mar 29	j 23:22	0°♓51'36	
	-3728 Mar 29	j 13:26	0°♓	
asc. node	-3728 Apr 05	j 05:28	14°♓17'18	
superior conj	-3728 Apr 06	j 01:50	16°♓08'43	0°08'53
minimum elong	-3728 Apr 06	j 01:26	16°♓06'33	0°08'45
behind sun begin	-3728 Apr 05	j 21:15	15°♓43'38	
behind sun end	-3728 Apr 06	j 05:37	16°♓29'29	
max. Earth dist.	-3728 Apr 05	j 22:05	15°♓48'15	1.32555 AU
	-3728 Apr 12	j 11:34	0°♈	
evening rise	-3728 Apr 13	j 02:18	1°♈17'26	
	-3728 Apr 28	j 20:01	0°♉	
evening max el	-3728 May 12	j 00:05	16°♉32'58	26°16'57
desc. node	-3728 May 17	j 12:13	20°♉58'35	
retrograde	-3728 May 26	j 02:09	23°♉51'03	
evening set	-3728 Jun 01	j 08:18	22°♉13'16	
min. Earth dist.	-3728 Jun 05	j 13:01	19°♉32'18	0.59396 AU
inferior conj	-3728 Jun 08	j 22:07	16°♉55'15	-4°-19'-2
minimum elong	-3728 Jun 08	j 21:03	16°♉57'19	4°18'54
morning rise	-3728 Jun 16	j 13:30	12°♉22'48	
direct	-3728 Jun 19	j 00:53	12°♉01'15	
morning max el	-3728 Jun 26	j 17:17	15°♉41'51	18°24'13
asc. node	-3728 Jul 02	j 05:02	22°♉29'23	
	-3728 Jul 06	j 18:25	0°♊	
morning set	-3728 Jul 12	j 18:48	11°♊11'38	
superior conj	-3728 Jul 22	j 01:33	28°♊44'29	1°47'51
minimum elong	-3728 Jul 22	j 02:50	28°♊50'22	1°47'58
	-3728 Jul 22	j 18:01	0°♋	
max. Earth dist.	-3728 Jul 29	j 11:08	11°♋56'37	1.40295 AU
evening rise	-3728 Aug 03	j 01:46	19°♋44'35	
	-3728 Aug 09	j 10:14	0°♌	
desc. node	-3728 Aug 13	j 11:22	6°♌15'46	
	-3728 Aug 30	j 07:56	0°♍	
evening max el	-3728 Sep 06	j 16:18	8°♍26'45	23°24'57
retrograde	-3728 Sep 17	j 02:33	14°♍36'57	
evening set	-3728 Sep 22	j 01:42	12°♍33'36	
inferior conj	-3728 Sep 27	j 10:09	6°♍12'38	0°-15'-22
minimum elong	-3728 Sep 27	j 10:31	6°♍11'24	0°15'10
transit middle	-3728 Sep 27	j 10:31	6°♍11'24	0°15'10
transit begin	-3728 Sep 27	j 09:30	6°♍14'52	
transit end	-3728 Sep 27	j 11:31	6°♍07'56	
min. Earth dist.	-3728 Sep 27	j 02:00	6°♍40'36	0.67417 AU
asc. node	-3728 Sep 28	j 04:07	5°♍11'17	
morning rise	-3728 Oct 02	j 19:23	29°♌59'31	
	-3728 Oct 02	j 19:08	30°℞♌	
direct	-3728 Oct 06	j 21:52	28°♌25'30	
	-3728 Oct 11	j 09:57	0°♍	
morning max el	-3728 Oct 15	j 13:42	3°♍32'19	21°20'09
greatest brilliancy	-3728 Oct 20	j 21:26	9°♍42'28	-0.4m
	-3728 Nov 04	j 07:08	0°♎	
desc. node	-3728 Nov 09	j 11:06	7°♎48'40	
morning set	-3728 Nov 15	j 06:50	16°♎50'44	
max. Earth dist.	-3728 Nov 22	j 23:34	29°♎12'17	1.42261 AU
	-3728 Nov 23	j 11:11	0°♏	
superior conj	-3728 Nov 30	j 05:51	11°♏23'23	-1°-47'-20
minimum elong	-3728 Nov 30	j 01:50	11°♏06'08	1°47'13
	-3728 Dec 10	j 18:11	0°♐	
evening rise	-3728 Dec 11	j 12:42	1°♐23'49	
asc. node	-3728 Dec 25	j 03:04	24°♐10'53	
evening max el	-3728 Dec 28	j 03:18	27°♐41'19	18°08'29
	-3728 Dec 31	j 00:44	0°♑	
retrograde	-3727 Jan 03	j 21:18	1°♑09'22	
evening set	-3727 Jan 06	j 12:17	0°♑38'10	
	-3727 Jan 07	j 20:16	30°℞♐	
inferior conj	-3727 Jan 13	j 06:00	25°♐38'21	4°02'04
minimum elong	-3727 Jan 13	j 05:29	25°♐39'37	4°01'55
min. Earth dist.	-3727 Jan 16	j 07:54	22°♐43'02	0.61271 AU
morning rise	-3727 Jan 19	j 20:10	19°♐53'22	
direct	-3727 Jan 26	j 19:04	17°♐31'04	
desc. node	-3727 Feb 05	j 10:31	21°♐23'29	
morning max el	-3727 Feb 09	j 20:57	25°♐14'05	27°35'41
	-3727 Feb 14	j 07:03	0°♑	
	-3727 Mar 06	j 05:06	0°♒	
morning set	-3727 Mar 14	j 05:58	15°♒34'16	
max. Earth dist.	-3727 Mar 20	j 10:17	28°♒40'38	1.32661 AU
	-3727 Mar 21	j 00:53	0°♓	
superior conj	-3727 Mar 21	j 12:58	1°♓05'51	0°-16'-16
minimum elong	-3727 Mar 21	j 13:43	1°♓09'52	0°16'13
asc. node	-3727 Mar 23	j 02:28	4°♓30'21	
evening rise	-3727 Mar 28	j 13:15	16°♓14'54	
	-3727 Apr 04	j 10:42	0°♈	
evening max el	-3727 Apr 23	j 18:34	27°♈40'18	24°59'58
	-3727 Apr 26	j 09:54	0°♉	
desc. node	-3727 May 04	j 09:19	4°♉20'41	
retrograde	-3727 May 07	j 19:28	4°♉47'59	
evening set	-3727 May 12	j 21:26	3°♉48'35	
min. Earth dist.	-3727 May 18	j 06:50	0°♉55'52	0.57451 AU
	-3727 May 19	j 16:29	30°℞♈	
inferior conj	-3727 May 21	j 07:14	28°♈54'17	-3°-51'-30
minimum elong	-3727 May 21	j 02:36	29°♈02'07	3°50'42
morning rise	-3727 May 29	j 11:54	24°♈42'06	
direct	-3727 May 31	j 23:11	24°♈24'12	
morning max el	-3727 Jun 09	j 19:52	28°♈32'34	19°07'57
	-3727 Jun 11	j 06:35	0°♉	
asc. node	-3727 Jun 19	j 02:03	11°♉06'48	
morning set	-3727 Jun 26	j 15:37	25°♉18'41	
	-3727 Jun 29	j 00:22	0°♊	
superior conj	-3727 Jul 05	j 01:51	11°♊55'20	1°48'01
minimum elong	-3727 Jul 05	j 00:57	11°♊50'59	1°48'08
max. Earth dist.	-3727 Jul 11	j 12:55	24°♊02'45	1.38341 AU
	-3727 Jul 14	j 20:55	0°♋	
evening rise	-3727 Jul 15	j 11:05	1°♋01'58	
desc. node	-3727 Jul 31	j 08:23	26°♋35'19	
	-3727 Aug 02	j 16:25	0°♌	
evening max el	-3727 Aug 20	j 03:38	21°♌56'52	24°44'28
retrograde	-3727 Aug 31	j 15:39	28°♌39'42	
evening set	-3727 Sep 06	j 05:53	26°♌17'31	
min. Earth dist.	-3727 Sep 10	j 20:55	20°♌59'35	0.67150 AU
inferior conj	-3727 Sep 11	j 15:36	19°♌57'22	-1°-8'-53
minimum elong	-3727 Sep 11	j 17:13	19°♌51'58	1°08'07
asc. node	-3727 Sep 15	j 01:13	15°♌45'25	
morning rise	-3727 Sep 17	j 04:53	13°♌50'59	
direct	-3727 Sep 20	j 19:23	12°♌35'58	
morning max el	-3727 Sep 28	j 12:37	17°♌04'55	20°08'16
greatest brilliancy	-3727 Oct 05	j 15:35	25°♌49'53	-0.6m
	-3727 Oct 08	j 14:40	0°♍	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3727 Oct 25 j 04:57	25°♍02'25	
desc. node	-3727 Oct 27 j 08:04	28°♍20'52	
	-3727 Oct 28 j 09:31	0°♎	
max. Earth dist.	-3727 Nov 05 j 09:31	12°♎37'59	1.43770 AU
superior conj	-3727 Nov 10 j 17:21	21°♎14'41	-1°-23'-23
minimum elong	-3727 Nov 10 j 10:24	20°♎46'18	1°22'46
	-3727 Nov 16 j 00:21	0°♏	
evening rise	-3727 Nov 23 j 19:57	13°♏18'00	
	-3727 Dec 03 j 16:04	0°♐	
evening max el	-3727 Dec 11 j 15:49	10°♐56'36	18°13'16
asc. node	-3727 Dec 12 j 00:09	11°♐17'13	
retrograde	-3727 Dec 18 j 04:44	14°♐26'58	
evening set	-3727 Dec 20 j 23:12	13°♐47'29	
inferior conj	-3727 Dec 27 j 06:26	8°♐26'45	3°49'09
minimum elong	-3727 Dec 27 j 04:08	8°♐32'57	3°48'43
min. Earth dist.	-3727 Dec 29 j 18:55	5°♐44'41	0.63132 AU
morning rise	-3726 Jan 02 j 07:22	2°♐29'55	
	-3726 Jan 07 j 06:23	30°℞♏	
direct	-3726 Jan 09 j 08:37	29°♏45'59	
	-3726 Jan 11 j 12:25	0°♐	
morning max el	-3726 Jan 23 j 03:19	7°♐30'24	27°40'32
desc. node	-3726 Jan 23 j 07:36	7°♐40'59	
	-3726 Feb 09 j 11:23	0°♑	
morning set	-3726 Feb 26 j 06:36	29°♑55'32	
	-3726 Feb 26 j 07:29	0°♒	
max. Earth dist.	-3726 Mar 03 j 17:38	11°♒13'18	1.33139 AU
superior conj	-3726 Mar 05 j 21:50	15°♒52'25	0°-41'-21
minimum elong	-3726 Mar 05 j 23:40	16°♒02'19	0°41'07
asc. node	-3726 Mar 09 j 23:28	24°♒39'08	
	-3726 Mar 12 j 11:32	0°♓	
evening rise	-3726 Mar 13 j 00:56	1°♓10'41	
	-3726 Mar 29 j 05:57	0°♈	
evening max el	-3726 Apr 05 j 10:28	8°♈24'38	23°27'48
retrograde	-3726 Apr 18 j 23:52	15°♈08'12	
desc. node	-3726 Apr 21 j 06:26	14°♈56'43	
evening set	-3726 Apr 22 j 17:50	14°♈37'25	
min. Earth dist.	-3726 Apr 29 j 21:31	11°♈20'47	0.55950 AU
inferior conj	-3726 May 01 j 20:27	10°♈10'58	-2°-44'-12
minimum elong	-3726 May 01 j 14:29	10°♈19'53	2°42'35
morning rise	-3726 May 10 j 14:28	6°♈12'22	
direct	-3726 May 13 j 03:00	5°♈56'33	
morning max el	-3726 May 23 j 12:50	10°♈46'49	20°12'05
asc. node	-3726 Jun 05 j 23:04	0°♉17'08	
	-3726 Jun 05 j 19:26	0°♉	
morning set	-3726 Jun 10 j 19:32	9°♉49'34	
superior conj	-3726 Jun 18 j 15:29	25°♉47'59	1°40'04
minimum elong	-3726 Jun 18 j 13:18	25°♉36'59	1°40'01
	-3726 Jun 20 j 17:59	0°♊	
max. Earth dist.	-3726 Jun 23 j 17:54	5°♊50'31	1.36527 AU
evening rise	-3726 Jun 27 j 19:25	13°♊27'57	
	-3726 Jul 07 j 08:34	0°♋	
desc. node	-3726 Jul 18 j 05:25	16°♋35'37	
	-3726 Jul 28 j 12:28	0°♌	
evening max el	-3726 Aug 02 j 14:32	5°♌29'03	25°55'35
retrograde	-3726 Aug 15 j 00:07	12°♌34'59	
evening set	-3726 Aug 21 j 05:16	9°♌57'15	
min. Earth dist.	-3726 Aug 25 j 11:45	5°♌17'08	0.66552 AU
inferior conj	-3726 Aug 26 j 18:00	3°♌41'19	-2°00'-51
minimum elong	-3726 Aug 26 j 20:46	3°♌32'33	1°59'43
	-3726 Aug 29 j 20:44	30°℞♋	
morning rise	-3726 Sep 01 j 12:58	27°♋45'03	
asc. node	-3726 Sep 01 j 22:19	27°♋31'33	
direct	-3726 Sep 04 j 17:41	26°♋46'04	
	-3726 Sep 11 j 00:02	0°♌	
morning max el	-3726 Sep 11 j 18:36	0°♌45'35	19°10'19
	-3726 Oct 02 j 02:27	0°♍	
morning set	-3726 Oct 04 j 12:39	3°♍48'22	
desc. node	-3726 Oct 14 j 05:03	19°♍00'36	
max. Earth dist.	-3726 Oct 19 j 01:28	26°♍39'02	1.44656 AU
superior conj	-3726 Oct 21 j 03:27	29°♍56'41	0°-43'-8
minimum elong	-3726 Oct 20 j 22:08	29°♍35'39	0°42'29
	-3726 Oct 21 j 04:17	0°♎	
evening rise	-3726 Nov 05 j 05:23	24°♎14'32	
	-3726 Nov 08 j 17:33	0°♏	
evening max el	-3726 Nov 25 j 04:04	24°♏19'35	18°36'24
asc. node	-3726 Nov 28 j 21:14	27°♏15'37	
retrograde	-3726 Dec 01 j 20:02	28°♏02'45	
evening set	-3726 Dec 04 j 19:16	27°♏13'25	
inferior conj	-3726 Dec 10 j 18:20	21°♏34'15	3°21'15
minimum elong	-3726 Dec 10 j 15:16	21°♏43'22	3°20'26
min. Earth dist.	-3726 Dec 12 j 15:56	19°♏19'23	0.64681 AU
morning rise	-3726 Dec 16 j 10:05	15°♏28'23	
direct	-3726 Dec 23 j 04:57	12°♏38'07	
morning max el	-3725 Jan 05 j 12:40	20°♏17'42	27°11'13
desc. node	-3725 Jan 10 j 04:40	25°♏22'20	
	-3725 Jan 13 j 22:39	0°♐	
	-3725 Feb 02 j 12:04	0°♑	
morning set	-3725 Feb 09 j 22:20	13°♑45'49	
max. Earth dist.	-3725 Feb 14 j 16:26	23°♑15'36	1.34027 AU
	-3725 Feb 17 j 22:19	0°♒	
superior conj	-3725 Feb 18 j 02:29	0°♒21'56	-1°-5'-18
minimum elong	-3725 Feb 18 j 05:13	0°♒36'20	1°04'58
asc. node	-3725 Feb 24 j 20:30	14°♒39'24	
evening rise	-3725 Feb 25 j 11:36	15°♒58'22	
	-3725 Mar 04 j 14:21	0°♓	
evening max el	-3725 Mar 18 j 05:49	19°♓12'42	21°54'40
retrograde	-3725 Mar 30 j 17:05	25°♓15'12	
evening set	-3725 Apr 02 j 10:54	24°♓58'27	
desc. node	-3725 Apr 08 j 03:33	22°♓52'31	
inferior conj	-3725 Apr 11 j 18:58	20°♓53'51	-1°00'-23
minimum elong	-3725 Apr 11 j 16:11	20°♓57'46	0°59'27
min. Earth dist.	-3725 Apr 11 j 11:19	21°♓04'37	0.55199 AU
morning rise	-3725 Apr 20 j 22:34	16°♓54'58	
direct	-3725 Apr 23 j 17:11	16°♓37'48	
morning max el	-3725 May 05 j 19:01	22°♓20'04	21°34'49
	-3725 May 12 j 08:35	0°♈	
asc. node	-3725 May 23 j 20:07	19°♈52'16	
morning set	-3725 May 26 j 04:08	24°♈37'35	
	-3725 May 28 j 17:58	0°♉	
superior conj	-3725 Jun 02 j 14:29	10°♉11'03	1°26'08
minimum elong	-3725 Jun 02 j 11:49	9°♉57'11	1°25'55
max. Earth dist.	-3725 Jun 06 j 07:05	17°♉45'28	1.35014 AU
evening rise	-3725 Jun 10 j 21:29	26°♉48'27	
	-3725 Jun 12 j 13:57	0°♊	
	-3725 Jun 30 j 16:31	0°♋	
desc. node	-3725 Jul 05 j 02:27	6°♋08'13	
evening max el	-3725 Jul 16 j 01:50	18°♋57'25	26°50'11
retrograde	-3725 Jul 29 j 03:37	26°♋16'34	
evening set	-3725 Aug 04 j 21:33	23°♋30'02	
min. Earth dist.	-3725 Aug 08 j 20:10	19°♋28'46	0.65591 AU
inferior conj	-3725 Aug 10 j 15:22	17°♋21'25	-2°-49'-20
minimum elong	-3725 Aug 10 j 18:59	17°♋10'46	2°48'05
morning rise	-3725 Aug 16 j 17:32	11°♋38'32	
direct	-3725 Aug 19 j 14:46	10°♋52'18	
asc. node	-3725 Aug 19 j 19:26	10°♋52'31	
morning max el	-3725 Aug 26 j 06:02	14°♋31'30	18°28'13
	-3725 Sep 06 j 08:55	0°♌	
morning set	-3725 Sep 14 j 21:23	13°♌48'38	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3725 Sep 24 j 22:31	0°♍	
superior conj	-3725 Sep 30 j 02:56	8°♍13'19	0°06'08
minimum elong	-3725 Sep 30 j 03:44	8°♍16'29	0°06'05
behind sun begin	-3725 Sep 29 j 17:10	7°♍34'44	
behind sun end	-3725 Sep 30 j 14:18	8°♍58'12	
desc. node	-3725 Oct 01 j 02:00	9°♍44'24	
max. Earth dist.	-3725 Oct 01 j 19:47	10°♍54'30	1.44821 AU
	-3725 Oct 13 j 23:08	0°♎	
evening rise	-3725 Oct 16 j 14:03	4°♎07'38	
greatest brilliancy	-3725 Oct 29 j 04:48	23°♎50'03	-0.7m
	-3725 Nov 02 j 09:13	0°♏	
evening max el	-3725 Nov 08 j 13:33	7°♏45'39	19°16'44
retrograde	-3725 Nov 15 j 15:43	11°♏50'31	
asc. node	-3725 Nov 15 j 18:21	11°♏50'27	
evening set	-3725 Nov 18 j 21:33	10°♏49'16	
inferior conj	-3725 Nov 24 j 14:27	4°♏54'49	2°43'04
minimum elong	-3725 Nov 24 j 11:25	5°♏04'32	2°42'02
min. Earth dist.	-3725 Nov 25 j 22:04	3°♏14'05	0.65874 AU
	-3725 Nov 28 j 16:18	30°℞♎	
morning rise	-3725 Nov 30 j 00:26	28°♎42'24	
direct	-3725 Dec 06 j 07:29	25°♎58'34	
	-3725 Dec 15 j 04:57	0°♏	
morning max el	-3725 Dec 18 j 22:24	3°♏23'06	26°13'54
desc. node	-3725 Dec 28 j 01:42	14°♏02'18	
	-3724 Jan 08 j 05:58	0°♐	
morning set	-3724 Jan 24 j 01:05	26°♐51'50	
	-3724 Jan 25 j 17:03	0°♑	
max. Earth dist.	-3724 Jan 28 j 03:39	4°♑42'17	1.35359 AU
superior conj	-3724 Feb 02 j 00:29	14°♑25'59	-1°-26'-44
minimum elong	-3724 Feb 02 j 03:40	14°♑42'15	1°26'28
evening rise	-3724 Feb 09 j 19:18	0°♒30'34	
	-3724 Feb 09 j 13:21	0°♒	
asc. node	-3724 Feb 11 j 17:31	4°♒25'28	
	-3724 Feb 27 j 22:48	0°♓	
evening max el	-3724 Feb 28 j 09:53	0°♓26'52	20°32'05
retrograde	-3724 Mar 10 j 07:12	5°♓37'49	
evening set	-3724 Mar 12 j 14:49	5°♓24'41	
inferior conj	-3724 Mar 21 j 14:57	1°♓26'43	0°56'14
minimum elong	-3724 Mar 21 j 17:25	1°♓23'05	0°55'19
min. Earth dist.	-3724 Mar 23 j 01:28	0°♓36'22	0.55370 AU
	-3724 Mar 24 j 02:56	30°℞♒	
desc. node	-3724 Mar 25 j 00:41	29°♒30'04	
morning rise	-3724 Mar 30 j 18:06	27°♒08'52	
direct	-3724 Apr 03 j 05:49	26°♒42'23	
	-3724 Apr 12 j 15:57	0°♓	
morning max el	-3724 Apr 16 j 15:33	3°♓15'34	23°10'48
	-3724 May 04 j 21:19	0°♈	
morning set	-3724 May 09 j 15:24	9°♈35'48	
asc. node	-3724 May 09 j 17:07	9°♈44'44	
superior conj	-3724 May 16 j 19:48	24°♈54'28	1°07'54
minimum elong	-3724 May 16 j 17:17	24°♈41'04	1°07'33
	-3724 May 19 j 05:29	0°♉	
max. Earth dist.	-3724 May 19 j 05:59	0°♉02'39	1.33865 AU
evening rise	-3724 May 24 j 12:25	10°♉49'06	
	-3724 Jun 03 j 22:14	0°♊	
desc. node	-3724 Jun 20 j 23:30	25°♊01'26	
	-3724 Jun 25 j 08:25	0°♋	
evening max el	-3724 Jun 27 j 12:48	2°♋12'10	27°20'55
retrograde	-3724 Jul 11 j 01:45	9°♋36'19	
evening set	-3724 Jul 18 j 03:53	6°♋51'55	
min. Earth dist.	-3724 Jul 21 j 20:14	3°♋26'56	0.64245 AU
inferior conj	-3724 Jul 24 j 05:19	0°♋53'27	-3°-31'-41
minimum elong	-3724 Jul 24 j 09:09	0°♋43'07	3°30'39
	-3724 Jul 25 j 01:19	30°℞♊	
morning rise	-3724 Jul 30 j 16:08	25°♊27'01	
direct	-3724 Aug 02 j 08:08	24°♊50'29	
asc. node	-3724 Aug 05 j 16:31	25°♊47'50	
morning max el	-3724 Aug 08 j 20:29	28°♊17'58	18°03'11
	-3724 Aug 10 j 09:56	0°♋	
morning set	-3724 Aug 26 j 09:09	25°♋06'21	
	-3724 Aug 29 j 06:17	0°♌	
superior conj	-3724 Sep 08 j 14:33	17°♌09'16	0°51'40
minimum elong	-3724 Sep 08 j 19:50	17°♌30'44	0°51'08
max. Earth dist.	-3724 Sep 13 j 12:47	25°♌04'08	1.44263 AU
desc. node	-3724 Sep 16 j 22:57	0°♍29'21	
	-3724 Sep 16 j 15:30	0°♍	
evening rise	-3724 Sep 25 j 01:19	13°♍06'48	
	-3724 Oct 06 j 02:43	0°♎	
greatest brilliancy	-3724 Oct 14 j 22:53	12°♎50'07	-0.6m
evening max el	-3724 Oct 21 j 18:16	21°♎12'28	20°12'30
retrograde	-3724 Oct 29 j 12:58	25°♎46'38	
asc. node	-3724 Nov 01 j 15:27	24°♎50'47	
evening set	-3724 Nov 02 j 03:38	24°♎30'53	
inferior conj	-3724 Nov 07 j 16:09	18°♎24'39	1°57'53
minimum elong	-3724 Nov 07 j 13:41	18°♎32'55	1°56'56
min. Earth dist.	-3724 Nov 08 j 11:21	17°♎20'20	0.66717 AU
morning rise	-3724 Nov 12 j 23:09	12°♎08'21	
direct	-3724 Nov 18 j 15:39	9°♎39'53	
morning max el	-3724 Nov 30 j 07:10	16°♎35'41	24°57'31
	-3724 Dec 11 j 11:15	0°♏	
desc. node	-3724 Dec 13 j 22:43	3°♏23'52	
	-3724 Dec 31 j 05:02	0°♐	
morning set	-3723 Jan 05 j 09:37	8°♐58'50	
max. Earth dist.	-3723 Jan 09 j 03:51	15°♐47'36	1.37114 AU
superior conj	-3723 Jan 15 j 12:50	27°♐56'21	-1°-43'-46
minimum elong	-3723 Jan 15 j 15:41	28°♐10'16	1°43'42
	-3723 Jan 16 j 13:59	0°♑	
evening rise	-3723 Jan 23 j 21:57	14°♑41'19	
asc. node	-3723 Jan 28 j 14:32	23°♑51'49	
	-3723 Feb 01 j 00:04	0°♒	
evening max el	-3723 Feb 10 j 00:39	12°♒17'07	19°26'27
retrograde	-3723 Feb 19 j 06:05	16°♒40'17	
evening set	-3723 Feb 21 j 13:42	16°♒24'56	
inferior conj	-3723 Mar 01 j 22:10	12°♒18'04	2°33'32
minimum elong	-3723 Mar 02 j 03:08	12°♒09'56	2°32'05
min. Earth dist.	-3723 Mar 04 j 16:21	10°♒30'21	0.56430 AU
morning rise	-3723 Mar 10 j 12:51	7°♒30'38	
desc. node	-3723 Mar 11 j 21:48	7°♒06'01	
direct	-3723 Mar 15 j 04:34	6°♒41'11	
morning max el	-3723 Mar 29 j 06:44	13°♒50'48	24°49'24
	-3723 Apr 10 j 21:47	0°♓	
morning set	-3723 Apr 24 j 03:37	24°♓38'01	
asc. node	-3723 Apr 26 j 14:06	29°♓48'55	
	-3723 Apr 26 j 16:10	0°♈	
superior conj	-3723 May 01 j 05:04	9°♈50'15	0°46'33
minimum elong	-3723 May 01 j 03:09	9°♈39'53	0°46'12
max. Earth dist.	-3723 May 02 j 13:07	12°♈43'41	1.33086 AU
evening rise	-3723 May 08 j 12:22	25°♈17'42	
	-3723 May 10 j 20:41	0°♉	
	-3723 May 28 j 11:23	0°♊	
desc. node	-3723 Jun 07 j 20:34	12°♊58'15	
evening max el	-3723 Jun 09 j 21:36	15°♊01'18	27°21'45
retrograde	-3723 Jun 23 j 17:44	22°♊24'35	
evening set	-3723 Jun 30 j 20:34	19°♊56'10	
min. Earth dist.	-3723 Jul 04 j 10:38	16°♊59'36	0.62544 AU
inferior conj	-3723 Jul 07 j 08:55	14°♊10'48	-4°-4'00
minimum elong	-3723 Jul 07 j 11:58	14°♊03'27	4°03'26
morning rise	-3723 Jul 14 j 05:46	9°♊03'36	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3723 Jul 16 j 18:44	8°♊34'08	
morning max el	-3723 Jul 23 j 11:14	11°♊58'37	17°56'12
asc. node	-3723 Jul 23 j 13:35	12°♊04'23	
	-3723 Aug 04 j 14:31	0°♋	
morning set	-3723 Aug 08 j 19:18	7°♋28'05	
superior conj	-3723 Aug 20 j 04:03	27°♋21'55	1°24'35
minimum elong	-3723 Aug 20 j 09:19	27°♋44'14	1°24'14
	-3723 Aug 21 j 17:29	0°♌	
max. Earth dist.	-3723 Aug 27 j 01:59	8°♌51'13	1.43069 AU
desc. node	-3723 Sep 03 j 19:54	21°♌11'52	
evening rise	-3723 Sep 04 j 05:40	21°♌49'59	
	-3723 Sep 09 j 12:51	0°♍	
greatest brilliancy	-3723 Sep 29 j 12:36	28°♍38'05	-0.4m
	-3723 Sep 30 j 14:51	0°♎	
evening max el	-3723 Oct 04 j 16:59	4°♎38'22	21°21'08
retrograde	-3723 Oct 13 j 09:39	9°♎47'42	
evening set	-3723 Oct 17 j 11:27	8°♎14'48	
asc. node	-3723 Oct 19 j 12:33	6°♎18'37	
inferior conj	-3723 Oct 22 j 21:11	2°♎00'13	1°08'03
minimum elong	-3723 Oct 22 j 19:39	2°♎05'28	1°07'26
min. Earth dist.	-3723 Oct 23 j 05:17	1°♎32'23	0.67233 AU
	-3723 Oct 24 j 08:30	30°℞♍	
morning rise	-3723 Oct 28 j 03:31	25°♍42'57	
direct	-3723 Nov 02 j 04:42	23°♍34'53	
morning max el	-3723 Nov 12 j 16:09	29°♍50'16	23°31'58
	-3723 Nov 12 j 19:59	0°♎	
desc. node	-3723 Nov 30 j 19:42	23°♎14'24	
	-3723 Dec 05 j 08:28	0°♏	
morning set	-3723 Dec 17 j 17:41	19°♏49'57	
max. Earth dist.	-3723 Dec 21 j 23:17	27°♏06'26	1.39145 AU
	-3723 Dec 23 j 14:39	0°♐	
superior conj	-3723 Dec 29 j 11:32	10°♐42'00	-1°-53'-52
minimum elong	-3723 Dec 29 j 12:47	10°♐47'54	1°54'00
evening rise	-3722 Jan 07 j 17:01	28°♐23'54	
	-3722 Jan 08 j 12:53	0°♑	
asc. node	-3722 Jan 15 j 11:35	12°♑51'42	
evening max el	-3722 Jan 24 j 00:58	24°♑41'11	18°40'23
retrograde	-3722 Jan 31 j 22:27	28°♑30'53	
evening set	-3722 Feb 03 j 09:04	28°♑10'16	
inferior conj	-3722 Feb 11 j 00:40	23°♑44'44	3°34'26
minimum elong	-3722 Feb 11 j 04:22	23°♑37'42	3°33'43
min. Earth dist.	-3722 Feb 14 j 09:02	21°♑13'20	0.58126 AU
morning rise	-3722 Feb 18 j 19:59	18°♑29'41	
direct	-3722 Feb 24 j 16:26	17°♑04'45	
desc. node	-3722 Feb 26 j 18:54	17°♑15'41	
morning max el	-3722 Mar 10 j 22:46	24°♑33'48	26°16'02
	-3722 Mar 15 j 22:29	0°♒	
	-3722 Apr 03 j 20:43	0°♓	
morning set	-3722 Apr 08 j 15:08	9°♓38'32	
asc. node	-3722 Apr 13 j 11:05	20°♓00'17	
superior conj	-3722 Apr 15 j 16:25	24°♓51'50	0°23'04
minimum elong	-3722 Apr 15 j 15:25	24°♓46'20	0°22'49
max. Earth dist.	-3722 Apr 16 j 01:22	25°♓40'49	1.32655 AU
	-3722 Apr 18 j 00:54	0°♈	
evening rise	-3722 Apr 22 j 18:25	10°♈04'34	
	-3722 May 03 j 04:25	0°♉	
evening max el	-3722 May 23 j 01:47	27°♉13'45	26°49'44
desc. node	-3722 May 25 j 17:39	29°♉35'14	
	-3722 May 26 j 06:02	0°♊	
retrograde	-3722 Jun 06 j 02:08	4°♊33'31	
evening set	-3722 Jun 12 j 19:26	2°♊34'37	
	-3722 Jun 16 j 11:45	30°℞♉	
min. Earth dist.	-3722 Jun 16 j 15:18	29°♉52'53	0.60581 AU
inferior conj	-3722 Jun 19 j 22:49	27°♉05'44	-4°-20'-16
minimum elong	-3722 Jun 19 j 23:39	27°♉03'57	4°20'08
morning rise	-3722 Jun 27 j 07:01	22°♉20'05	
direct	-3722 Jun 29 j 18:46	21°♉55'52	
morning max el	-3722 Jul 06 j 23:32	25°♉27'02	18°08'16
asc. node	-3722 Jul 10 j 10:37	29°♉27'01	
	-3722 Jul 10 j 20:22	0°♊	
morning set	-3722 Jul 22 j 22:24	20°♊40'04	
	-3722 Jul 27 j 22:44	0°♋	
superior conj	-3722 Aug 01 j 20:32	8°♋55'25	1°43'03
minimum elong	-3722 Aug 01 j 23:22	9°♋08'03	1°43'02
max. Earth dist.	-3722 Aug 09 j 10:05	22°♋03'09	1.41398 AU
	-3722 Aug 14 j 05:28	0°♌	
evening rise	-3722 Aug 14 j 23:10	1°♌11'38	
desc. node	-3722 Aug 21 j 16:51	11°♌48'55	
	-3722 Sep 03 j 00:34	0°♍	
greatest brilliancy	-3722 Sep 12 j 14:41	12°♍41'37	-0.3m
evening max el	-3722 Sep 17 j 09:50	18°♍04'13	22°38'32
retrograde	-3722 Sep 27 j 04:14	23°♍51'54	
evening set	-3722 Oct 01 j 19:14	21°♍59'47	
asc. node	-3722 Oct 06 j 09:41	16°♍42'23	
inferior conj	-3722 Oct 07 j 03:44	15°♍40'16	0°15'28
minimum elong	-3722 Oct 07 j 03:22	15°♍41'31	0°15'22
transit middle	-3722 Oct 07 j 03:22	15°♍41'31	0°15'22
transit begin	-3722 Oct 07 j 02:26	15°♍44'43	
transit end	-3722 Oct 07 j 04:17	15°♍38'19	
min. Earth dist.	-3722 Oct 07 j 01:26	15°♍48'10	0.67442 AU
morning rise	-3722 Oct 12 j 11:24	9°♍24'58	
direct	-3722 Oct 16 j 21:47	7°♍38'47	
morning max el	-3722 Oct 26 j 04:36	13°♍09'29	22°06'25
greatest brilliancy	-3722 Oct 30 j 23:04	18°♍33'59	-0.4m
	-3722 Nov 08 j 12:35	0°♎	
desc. node	-3722 Nov 17 j 16:39	13°♎25'35	
morning set	-3722 Nov 27 j 21:02	29°♎16'54	
	-3722 Nov 28 j 07:45	0°♏	
max. Earth dist.	-3722 Dec 03 j 22:12	9°♏12'00	1.41194 AU
superior conj	-3722 Dec 11 j 15:21	22°♏29'21	-1°-53'-39
minimum elong	-3722 Dec 11 j 13:33	22°♏21'22	1°53'45
	-3722 Dec 15 j 19:39	0°♐	
evening rise	-3722 Dec 22 j 01:21	11°♐31'01	
	-3721 Jan 01 j 12:33	0°♑	
asc. node	-3721 Jan 02 j 08:39	1°♑16'22	
evening max el	-3721 Jan 07 j 08:15	7°♑31'02	18°14'25
retrograde	-3721 Jan 14 j 09:13	11°♑03'09	
evening set	-3721 Jan 16 j 22:37	10°♑36'02	
inferior conj	-3721 Jan 23 j 23:28	5°♑48'26	4°00'06
minimum elong	-3721 Jan 24 j 00:25	5°♑46'21	3°59'55
min. Earth dist.	-3721 Jan 27 j 06:31	2°♑55'15	0.60115 AU
morning rise	-3721 Jan 30 j 23:17	0°♑12'30	
	-3721 Jan 31 j 07:46	30°℞♐	
direct	-3721 Feb 06 j 15:45	28°♐09'24	
	-3721 Feb 13 j 06:44	0°♑	
desc. node	-3721 Feb 13 j 16:01	0°♑12'41	
morning max el	-3721 Feb 20 j 20:17	5°♑48'18	27°16'33
	-3721 Mar 10 j 21:49	0°♒	
morning set	-3721 Mar 24 j 00:05	24°♒29'47	
	-3721 Mar 26 j 14:51	0°♓	
max. Earth dist.	-3721 Mar 30 j 14:50	8°♓39'37	1.32561 AU
superior conj	-3721 Mar 31 j 04:06	9°♓52'06	0°-1'-44
minimum elong	-3721 Mar 31 j 04:10	9°♓52'32	0°01'48
behind sun begin	-3721 Mar 30 j 23:11	9°♓25'14	
behind sun end	-3721 Mar 31 j 09:10	10°♓19'50	
asc. node	-3721 Mar 31 j 08:04	10°♓13'49	
evening rise	-3721 Apr 07 j 04:08	25°♓00'08	
	-3721 Apr 09 j 14:12	0°♈	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3721 Apr 27 j 08:57	0°♉	
evening max el	-3721 May 04 j 23:27	8°♉42'25	25°46'51
desc. node	-3721 May 12 j 14:46	14°♉19'13	
retrograde	-3721 May 19 j 01:22	15°♉56'37	
evening set	-3721 May 24 j 20:57	14°♉35'26	
min. Earth dist.	-3721 May 29 j 11:50	11°♉51'30	0.58546 AU
inferior conj	-3721 Jun 01 j 19:13	9°♉27'09	-4°-11'-44
minimum elong	-3721 Jun 01 j 16:35	9°♉31'58	4°11'26
morning rise	-3721 Jun 09 j 16:09	5°♉03'48	
direct	-3721 Jun 12 j 03:39	4°♉43'47	
morning max el	-3721 Jun 20 j 06:29	8°♉33'57	18°40'19
asc. node	-3721 Jun 27 j 07:39	17°♉40'20	
	-3721 Jul 04 j 05:48	0°♊	
morning set	-3721 Jul 06 j 13:47	4°♊29'27	
superior conj	-3721 Jul 15 j 10:54	21°♊35'24	1°49'04
minimum elong	-3721 Jul 15 j 11:09	21°♊36'36	1°49'13
	-3721 Jul 20 j 00:23	0°♋	
max. Earth dist.	-3721 Jul 22 j 13:14	4°♋31'26	1.39466 AU
evening rise	-3721 Jul 26 j 17:21	11°♋44'04	
	-3721 Aug 07 j 01:55	0°♌	
desc. node	-3721 Aug 08 j 13:51	2°♌16'12	
	-3721 Aug 29 j 10:47	0°♍	
evening max el	-3721 Aug 30 j 22:19	1°♍31'36	23°59'14
retrograde	-3721 Sep 10 j 19:37	7°♍56'23	
evening set	-3721 Sep 16 j 01:16	5°♍44'32	
	-3721 Sep 20 j 23:19	30°℞♌	
inferior conj	-3721 Sep 21 j 10:04	29°♌23'31	0°-38'-9
minimum elong	-3721 Sep 21 j 10:57	29°♌20'28	0°37'42
min. Earth dist.	-3721 Sep 20 j 21:26	0°♍06'22	0.67345 AU
asc. node	-3721 Sep 23 j 06:48	26°♌55'17	
morning rise	-3721 Sep 26 j 20:50	23°♌13'10	
direct	-3721 Sep 30 j 17:57	21°♌47'42	
morning max el	-3721 Oct 08 j 23:27	26°♌37'09	20°48'06
	-3721 Oct 12 j 00:16	0°♍	
greatest brilliancy	-3721 Oct 14 j 22:04	3°♍39'18	-0.5m
	-3721 Nov 02 j 01:20	0°♎	
desc. node	-3721 Nov 04 j 13:36	3°♎51'27	
morning set	-3721 Nov 07 j 00:44	7°♎40'31	
max. Earth dist.	-3721 Nov 16 j 04:16	22°♎11'36	1.42964 AU
	-3721 Nov 20 j 22:25	0°♏	
superior conj	-3721 Nov 22 j 18:39	3°♏04'50	-1°-39'-17
minimum elong	-3721 Nov 22 j 13:05	2°♏41'26	1°38'57
evening rise	-3721 Dec 04 j 19:05	23°♏54'43	
	-3721 Dec 08 j 05:31	0°♐	
asc. node	-3721 Dec 20 j 05:45	18°♐55'07	
evening max el	-3721 Dec 21 j 19:37	20°♐38'49	18°08'12
retrograde	-3721 Dec 28 j 10:32	24°♐06'55	
evening set	-3721 Dec 31 j 02:48	23°♐32'24	
inferior conj	-3720 Jan 06 j 15:43	18°♐23'13	3°58'51
minimum elong	-3720 Jan 06 j 14:18	18°♐26'46	3°58'36
min. Earth dist.	-3720 Jan 09 j 12:13	15°♐31'23	0.62084 AU
morning rise	-3720 Jan 12 j 23:41	12°♐32'30	
direct	-3720 Jan 20 j 00:35	9°♐59'24	
desc. node	-3720 Jan 31 j 13:05	15°♐27'40	
morning max el	-3720 Feb 03 j 00:10	17°♐43'54	27°42'20
	-3720 Feb 13 j 07:38	0°♑	
	-3720 Mar 02 j 14:00	0°♒	
morning set	-3720 Mar 07 j 04:30	9°♒04'42	
max. Earth dist.	-3720 Mar 13 j 01:38	21°♒26'02	1.32817 AU
superior conj	-3720 Mar 14 j 14:29	24°♒45'21	0°-26'-58
minimum elong	-3720 Mar 14 j 15:42	24°♒51'57	0°26'49
asc. node	-3720 Mar 17 j 05:05	0°♓25'32	
	-3720 Mar 17 j 00:23	0°♓	
evening rise	-3720 Mar 21 j 15:38	9°♓57'35	

	-3720 Apr 01 j 01:41	0°♈	
evening max el	-3720 Apr 15 j 15:58	19°♈36'05	24°21'39
desc. node	-3720 Apr 28 j 11:53	26°♈33'35	
retrograde	-3720 Apr 29 j 13:34	26°♈36'13	
evening set	-3720 May 04 j 01:52	25°♈50'28	
min. Earth dist.	-3720 May 10 j 03:45	22°♈48'57	0.56743 AU
inferior conj	-3720 May 12 j 19:39	21°♈07'34	-3°-28'-1
minimum elong	-3720 May 12 j 13:59	21°♈16'37	3°26'48
morning rise	-3720 May 21 j 06:12	17°♈02'46	
direct	-3720 May 23 j 17:42	16°♈46'06	
morning max el	-3720 Jun 02 j 05:19	21°♈10'14	19°32'48
	-3720 Jun 09 j 06:56	0°♉	
asc. node	-3720 Jun 13 j 04:40	6°♉32'27	
morning set	-3720 Jun 19 j 13:54	18°♉47'01	
	-3720 Jun 25 j 03:50	0°♊	
superior conj	-3720 Jun 27 j 17:26	5°♊05'35	1°45'29
minimum elong	-3720 Jun 27 j 15:52	4°♊57'57	1°45'33
max. Earth dist.	-3720 Jul 03 j 15:19	16°♊25'04	1.37539 AU
evening rise	-3720 Jul 07 j 13:00	23°♊31'36	
	-3720 Jul 11 j 05:59	0°♋	
desc. node	-3720 Jul 25 j 10:53	22°♋28'15	
	-3720 Jul 30 j 19:17	0°♌	
evening max el	-3720 Aug 12 j 09:01	15°♌01'52	25°16'11
retrograde	-3720 Aug 24 j 06:59	21°♌56'32	
evening set	-3720 Aug 30 j 03:41	19°♌26'54	
min. Earth dist.	-3720 Sep 03 j 14:53	14°♌24'52	0.66934 AU
inferior conj	-3720 Sep 04 j 14:26	13°♌07'53	-1°-31'-15
minimum elong	-3720 Sep 04 j 16:34	13°♌00'55	1°30'18
asc. node	-3720 Sep 09 j 03:54	7°♌54'59	
morning rise	-3720 Sep 10 j 05:58	7°♌05'31	
direct	-3720 Sep 13 j 15:55	5°♌57'57	
morning max el	-3720 Sep 21 j 01:35	10°♌13'34	19°41'46
greatest brilliancy	-3720 Sep 29 j 09:41	20°♌48'09	-0.6m
	-3720 Oct 05 j 14:49	0°♍	
morning set	-3720 Oct 16 j 00:03	15°♍58'34	
desc. node	-3720 Oct 21 j 10:33	24°♍26'59	
	-3720 Oct 24 j 23:27	0°♎	
max. Earth dist.	-3720 Oct 28 j 16:47	5°♎53'06	1.44224 AU
superior conj	-3720 Nov 01 j 18:26	12°♎23'14	-1°-8'-4
minimum elong	-3720 Nov 01 j 11:27	11°♎55'09	1°07'19
	-3720 Nov 12 j 12:11	0°♏	
evening rise	-3720 Nov 15 j 17:35	5°♏25'03	
	-3720 Dec 01 j 00:35	0°♐	
evening max el	-3720 Dec 04 j 08:17	3°♐57'18	18°20'57
asc. node	-3720 Dec 06 j 02:51	5°♐34'00	
retrograde	-3720 Dec 10 j 21:45	7°♐32'13	
evening set	-3720 Dec 13 j 17:56	6°♐48'57	
inferior conj	-3720 Dec 19 j 21:27	1°♐20'12	3°38'50
minimum elong	-3720 Dec 19 j 18:42	1°♐27'55	3°38'13
	-3720 Dec 21 j 01:51	30°℞♏	
min. Earth dist.	-3720 Dec 22 j 03:41	28°♏48'06	0.63828 AU
morning rise	-3720 Dec 25 j 17:58	25°♏18'55	
direct	-3719 Jan 01 j 17:20	22°♏30'16	
	-3719 Jan 15 j 02:16	0°♐	
morning max el	-3719 Jan 15 j 08:14	0°♐14'40	27°31'57
desc. node	-3719 Jan 17 j 10:09	2°♐23'47	
	-3719 Feb 06 j 07:02	0°♑	
morning set	-3719 Feb 19 j 01:45	23°♑13'41	
	-3719 Feb 22 j 10:10	0°♒	
max. Earth dist.	-3719 Feb 24 j 05:35	3°♒45'23	1.33457 AU
superior conj	-3719 Feb 26 j 21:47	9°♒24'56	0°-51'-44
minimum elong	-3719 Feb 27 j 00:02	9°♒36'58	0°51'26
asc. node	-3719 Mar 04 j 02:07	20°♒30'54	
evening rise	-3719 Mar 06 j 03:03	24°♒49'49	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3719 Mar 08 j 15:07	0°♓	
	-3719 Mar 28 j 00:57	0°♈	
evening max el	-3719 Mar 28 j 08:31	0°♈18'15	22°47'35
retrograde	-3719 Apr 10 j 13:09	6°♈46'47	
evening set	-3719 Apr 13 j 18:55	6°♈23'48	
desc. node	-3719 Apr 15 j 09:00	5°♈56'47	
min. Earth dist.	-3719 Apr 21 j 18:12	2°♈53'02	0.55519 AU
inferior conj	-3719 Apr 23 j 01:33	2°♈07'51	-2°-3'-46
minimum elong	-3719 Apr 22 j 20:24	2°♈15'18	2°02'10
	-3719 Apr 26 j 23:05	30°℞♓	
morning rise	-3719 May 02 j 00:25	28°♓11'01	
direct	-3719 May 04 j 14:18	27°♓55'23	
	-3719 May 11 j 15:28	0°♈	
morning max el	-3719 May 15 j 17:49	3°♈07'38	20°45'12
asc. node	-3719 May 31 j 01:41	25°♈54'08	
	-3719 Jun 02 j 03:28	0°♉	
morning set	-3719 Jun 03 j 20:04	3°♉25'49	
superior conj	-3719 Jun 11 j 11:28	19°♉12'35	1°34'47
minimum elong	-3719 Jun 11 j 09:00	18°♉59'55	1°34'40
max. Earth dist.	-3719 Jun 15 j 23:00	28°♉11'41	1.35839 AU
	-3719 Jun 16 j 21:11	0°♊	
evening rise	-3719 Jun 20 j 05:34	6°♊23'00	
	-3719 Jul 04 j 00:10	0°♋	
desc. node	-3719 Jul 12 j 07:55	12°♋18'08	
evening max el	-3719 Jul 25 j 20:04	28°♋33'37	26°21'20
	-3719 Jul 27 j 08:54	0°♌	
retrograde	-3719 Aug 07 j 13:35	5°♌46'59	
evening set	-3719 Aug 14 j 00:23	3°♌04'35	
	-3719 Aug 17 j 00:50	30°℞♋	
min. Earth dist.	-3719 Aug 18 j 03:25	28°♋40'45	0.66184 AU
inferior conj	-3719 Aug 19 j 14:59	26°♋51'08	-2°-21'-59
minimum elong	-3719 Aug 19 j 18:10	26°♋41'20	2°20'46
morning rise	-3719 Aug 25 j 12:49	20°♋59'56	
asc. node	-3719 Aug 27 j 00:58	20°♋20'26	
direct	-3719 Aug 28 j 13:59	20°♋06'51	
morning max el	-3719 Sep 04 j 10:07	23°♋57'03	18°50'19
	-3719 Sep 09 j 09:05	0°♌	
morning set	-3719 Sep 25 j 17:24	25°♌13'40	
	-3719 Sep 28 j 17:29	0°♍	
desc. node	-3719 Oct 08 j 07:32	15°♍08'53	
superior conj	-3719 Oct 11 j 21:32	20°♍47'36	0°-22'-38
minimum elong	-3719 Oct 11 j 18:34	20°♍35'55	0°22'14
max. Earth dist.	-3719 Oct 11 j 09:40	20°♍00'54	1.44818 AU
	-3719 Oct 17 j 17:27	0°♎	
evening rise	-3719 Oct 27 j 16:37	15°♎54'25	
	-3719 Nov 05 j 11:06	0°♏	
evening max el	-3719 Nov 17 j 19:40	17°♏22'01	18°51'34
asc. node	-3719 Nov 22 j 23:56	20°♏58'20	
retrograde	-3719 Nov 24 j 15:08	21°♏13'11	
evening set	-3719 Nov 27 j 16:55	20°♏19'08	
inferior conj	-3719 Dec 03 j 13:11	14°♏33'22	3°06'02
minimum elong	-3719 Dec 03 j 10:02	14°♏43'00	3°05'06
min. Earth dist.	-3719 Dec 05 j 04:46	12°♏32'15	0.65241 AU
morning rise	-3719 Dec 09 j 02:06	8°♏24'28	
direct	-3719 Dec 15 j 16:36	5°♏35'12	
morning max el	-3719 Dec 28 j 17:44	13°♏09'54	26°49'36
desc. node	-3718 Jan 04 j 07:12	20°♏32'07	
	-3718 Jan 11 j 09:57	0°♐	
	-3718 Jan 29 j 21:35	0°♑	
morning set	-3718 Feb 02 j 12:27	6°♑46'04	
max. Earth dist.	-3718 Feb 06 j 23:16	15°♑29'46	1.34535 AU
superior conj	-3718 Feb 10 j 23:54	23°♑44'07	-1°-14'-49
minimum elong	-3718 Feb 11 j 02:54	23°♑59'43	1°14'30
	-3718 Feb 13 j 23:43	0°♒	
evening rise	-3718 Feb 18 j 12:38	9°♒30'54	
asc. node	-3718 Feb 18 j 23:09	10°♒25'18	
	-3718 Mar 01 j 11:31	0°♓	
evening max el	-3718 Mar 10 j 07:12	11°♓15'18	21°17'50
retrograde	-3718 Mar 22 j 03:11	16°♓55'41	
evening set	-3718 Mar 24 j 14:58	16°♓41'29	
desc. node	-3718 Apr 02 j 06:07	13°♓03'34	
inferior conj	-3718 Apr 02 j 21:10	12°♓42'23	0°-10'-27
minimum elong	-3718 Apr 02 j 20:40	12°♓43'04	0°10'20
transit middle	-3718 Apr 02 j 20:40	12°♓43'04	0°10'20
transit begin	-3718 Apr 02 j 17:33	12°♓47'28	
transit end	-3718 Apr 02 j 23:46	12°♓38'41	
min. Earth dist.	-3718 Apr 03 j 08:12	12°♓26'48	0.55152 AU
morning rise	-3718 Apr 12 j 02:00	8°♓37'18	
direct	-3718 Apr 15 j 02:33	8°♓17'18	
morning max el	-3718 Apr 27 j 19:24	14°♓22'41	22°14'32
	-3718 May 09 j 15:25	0°♈	
asc. node	-3718 May 17 j 22:42	15°♈37'10	
morning set	-3718 May 19 j 06:02	18°♈18'40	
	-3718 May 24 j 18:53	0°♉	
superior conj	-3718 May 26 j 13:27	3°♉44'58	1°18'52
minimum elong	-3718 May 26 j 10:47	3°♉30'56	1°18'34
max. Earth dist.	-3718 May 29 j 16:27	10°♉15'33	1.34481 AU
evening rise	-3718 Jun 03 j 13:39	20°♉02'17	
	-3718 Jun 08 j 21:00	0°♊	
	-3718 Jun 27 j 23:43	0°♋	
desc. node	-3718 Jun 29 j 04:58	1°♋35'39	
evening max el	-3718 Jul 08 j 07:38	11°♋58'24	27°06'39
retrograde	-3718 Jul 21 j 14:45	19°♋19'55	
evening set	-3718 Jul 28 j 12:48	16°♋33'10	
min. Earth dist.	-3718 Aug 01 j 08:36	12°♋47'38	0.65068 AU
inferior conj	-3718 Aug 03 j 09:31	10°♋28'33	-3°-8'-15
minimum elong	-3718 Aug 03 j 13:19	10°♋17'44	3°07'03
morning rise	-3718 Aug 09 j 15:10	4°♋51'59	
direct	-3718 Aug 12 j 09:57	4°♋10'06	
asc. node	-3718 Aug 13 j 22:02	4°♋22'17	
morning max el	-3718 Aug 18 j 23:03	7°♋43'15	18°15'21
	-3718 Sep 03 j 02:04	0°♌	
morning set	-3718 Sep 06 j 14:00	5°♌48'06	
superior conj	-3718 Sep 20 j 23:30	29°♌13'11	0°26'36
minimum elong	-3718 Sep 21 j 02:45	29°♌26'05	0°26'15
	-3718 Sep 21 j 11:16	0°♍	
max. Earth dist.	-3718 Sep 24 j 04:00	4°♍16'39	1.44678 AU
desc. node	-3718 Sep 25 j 04:29	5°♍53'19	
evening rise	-3718 Oct 07 j 15:06	25°♍21'42	
	-3718 Oct 10 j 14:41	0°♎	
greatest brilliancy	-3718 Oct 23 j 19:33	20°♎06'26	-0.7m
	-3718 Oct 31 j 09:02	0°♏	
evening max el	-3718 Nov 01 j 03:25	0°♏48'59	19°38'43
retrograde	-3718 Nov 08 j 11:41	5°♏04'56	
asc. node	-3718 Nov 09 j 21:00	4°♏53'47	
evening set	-3718 Nov 11 j 21:06	3°♏57'43	
	-3718 Nov 15 j 21:45	30°℞♎	
inferior conj	-3718 Nov 17 j 11:57	27°♎57'56	2°24'34
minimum elong	-3718 Nov 17 j 09:05	28°♎07'15	2°23'32
min. Earth dist.	-3718 Nov 18 j 14:04	26°♎32'44	0.66282 AU
morning rise	-3718 Nov 22 j 20:23	21°♎43'48	
direct	-3718 Nov 28 j 21:33	19°♎05'41	
morning max el	-3718 Dec 11 j 02:56	26°♎18'46	25°43'07
	-3718 Dec 14 j 13:21	0°♏	
desc. node	-3718 Dec 22 j 04:14	9°♏31'30	
	-3717 Jan 04 j 23:52	0°♐	
morning set	-3717 Jan 16 j 08:10	19°♐28'49	
max. Earth dist.	-3717 Jan 20 j 05:32	26°♐44'57	1.36062 AU
	-3717 Jan 21 j 22:04	0°♑	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3717 Jan 25 j 18:16	7°♑35'22	-1°-34'-38
minimum elong	-3717 Jan 25 j 21:26	7°♑51'15	1°34'27
evening rise	-3717 Feb 02 j 18:30	23°♑55'07	
asc. node	-3717 Feb 05 j 20:10	0°♒03'51	
	-3717 Feb 05 j 19:23	0°♒	
evening max el	-3717 Feb 20 j 15:51	22°♒44'38	20°01'51
retrograde	-3717 Mar 02 j 19:24	27°♒33'48	
evening set	-3717 Mar 05 j 02:30	27°♒20'05	
inferior conj	-3717 Mar 13 j 20:26	23°♒19'48	1°41'25
minimum elong	-3717 Mar 14 j 00:29	23°♒13'38	1°40'02
min. Earth dist.	-3717 Mar 15 j 22:15	22°♒04'20	0.55723 AU
desc. node	-3717 Mar 20 j 03:15	19°♒49'39	
morning rise	-3717 Mar 22 j 19:39	18°♒50'23	
direct	-3717 Mar 26 j 18:36	18°♒15'58	
morning max el	-3717 Apr 09 j 12:50	25°♒06'04	23°53'19
	-3717 Apr 14 j 01:31	0°♓	
	-3717 May 02 j 03:28	0°♈	
morning set	-3717 May 03 j 17:56	3°♈19'33	
asc. node	-3717 May 04 j 19:43	5°♈35'26	
superior conj	-3717 May 10 j 20:42	18°♈34'25	0°59'10
minimum elong	-3717 May 10 j 18:24	18°♈22'01	0°58'48
max. Earth dist.	-3717 May 12 j 19:29	22°♈44'50	1.33491 AU
	-3717 May 16 j 06:30	0°♉	
evening rise	-3717 May 18 j 08:50	4°♉16'08	
	-3717 Jun 01 j 14:26	0°♊	
desc. node	-3717 Jun 16 j 02:00	20°♊07'07	
evening max el	-3717 Jun 20 j 18:05	25°♊04'01	27°25'08
	-3717 Jun 26 j 22:35	0°♋	
retrograde	-3717 Jul 04 j 10:04	2°♋27'23	
	-3717 Jul 11 j 07:10	30°℞♊	
evening set	-3717 Jul 11 j 13:46	29°♊48'01	
min. Earth dist.	-3717 Jul 15 j 04:31	26°♊36'34	0.63572 AU
inferior conj	-3717 Jul 17 j 19:27	23°♊55'05	-3°-46'-55
minimum elong	-3717 Jul 17 j 23:06	23°♊45'41	3°46'03
morning rise	-3717 Jul 24 j 10:21	18°♊36'28	
direct	-3717 Jul 27 j 00:57	18°♊03'04	
asc. node	-3717 Jul 31 j 19:07	19°♊53'49	
morning max el	-3717 Aug 02 j 13:57	21°♊27'45	17°57'56
	-3717 Aug 09 j 02:10	0°♋	
morning set	-3717 Aug 19 j 11:57	17°♋34'52	
	-3717 Aug 26 j 17:10	0°♌	
superior conj	-3717 Aug 31 j 21:15	8°♌38'59	1°07'27
minimum elong	-3717 Sep 01 j 03:00	9°♌02'44	1°06'55
max. Earth dist.	-3717 Sep 06 j 20:14	18°♌20'35	1.43834 AU
desc. node	-3717 Sep 12 j 01:24	26°♌37'17	
	-3717 Sep 14 j 05:13	0°♍	
evening rise	-3717 Sep 16 j 21:04	4°♍07'49	
	-3717 Oct 04 j 02:58	0°♎	
greatest brilliancy	-3717 Oct 09 j 05:47	7°♎04'50	-0.5m
evening max el	-3717 Oct 15 j 05:38	14°♎15'05	20°40'18
retrograde	-3717 Oct 23 j 08:57	19°♎03'32	
evening set	-3717 Oct 27 j 04:10	17°♎40'33	
asc. node	-3717 Oct 27 j 18:06	17°♎13'10	
inferior conj	-3717 Nov 01 j 15:17	11°♎30'08	1°37'10
minimum elong	-3717 Nov 01 j 13:11	11°♎37'16	1°36'20
min. Earth dist.	-3717 Nov 02 j 05:32	10°♎41'46	0.66976 AU
morning rise	-3717 Nov 06 j 21:46	5°♎13'14	
direct	-3717 Nov 12 j 07:40	2°♎53'22	
morning max el	-3717 Nov 23 j 11:39	9°♎32'43	24°21'43
desc. node	-3717 Dec 09 j 01:13	29°♎06'19	
	-3717 Dec 09 j 16:13	0°♏	
	-3717 Dec 28 j 15:59	0°♐	
morning set	-3717 Dec 29 j 07:02	1°♐05'09	
max. Earth dist.	-3716 Jan 02 j 03:12	7°♐53'21	1.37960 AU

superior conj	-3716 Jan 09 j 01:20	20°♐47'51	-1°-49'-5
minimum elong	-3716 Jan 09 j 03:41	20°♐59'08	1°49'07
	-3716 Jan 13 j 18:26	0°♑	
evening rise	-3716 Jan 17 j 18:17	7°♑54'52	
asc. node	-3716 Jan 23 j 17:12	19°♑19'51	
	-3716 Jan 30 j 07:36	0°♒	
evening max el	-3716 Feb 03 j 10:50	4°♒49'16	19°04'20
retrograde	-3716 Feb 12 j 01:32	8°♒56'44	
evening set	-3716 Feb 14 j 10:15	8°♒39'25	
inferior conj	-3716 Feb 22 j 11:21	4°♒25'00	3°04'03
minimum elong	-3716 Feb 22 j 16:08	4°♒16'39	3°02'52
min. Earth dist.	-3716 Feb 25 j 13:32	2°♒16'36	0.57090 AU
	-3716 Feb 29 j 10:31	30°℞♑	
morning rise	-3716 Mar 01 j 18:11	29°♑24'57	
desc. node	-3716 Mar 06 j 00:22	28°♑23'52	
direct	-3716 Mar 06 j 22:26	28°♑21'51	
	-3716 Mar 13 j 10:36	0°♒	
morning max el	-3716 Mar 21 j 03:49	5°♒41'17	25°28'46
	-3716 Apr 07 j 19:05	0°♓	
morning set	-3716 Apr 17 j 06:03	18°♓21'33	
asc. node	-3716 Apr 20 j 16:43	25°♓42'59	
	-3716 Apr 22 j 16:00	0°♈	
superior conj	-3716 Apr 24 j 07:04	3°♈32'58	0°36'48
minimum elong	-3716 Apr 24 j 05:31	3°♈24'29	0°36'28
max. Earth dist.	-3716 Apr 25 j 05:13	5°♈33'29	1.32858 AU
evening rise	-3716 May 01 j 11:40	18°♈52'51	
	-3716 May 07 j 02:50	0°♉	
	-3716 May 26 j 03:54	0°♊	
desc. node	-3716 Jun 01 j 23:05	7°♊32'59	
evening max el	-3716 Jun 02 j 00:57	7°♊37'27	27°12'05
retrograde	-3716 Jun 15 j 23:00	14°♊59'54	
evening set	-3716 Jun 22 j 23:24	12°♊42'10	
min. Earth dist.	-3716 Jun 26 j 14:27	9°♊54'13	0.61732 AU
inferior conj	-3716 Jun 29 j 17:37	7°♊03'26	-4°-13'-20
minimum elong	-3716 Jun 29 j 19:55	6°♊58'11	4°12'59
morning rise	-3716 Jul 06 j 19:10	2°♊05'35	
direct	-3716 Jul 09 j 07:28	1°♊38'33	
morning max el	-3716 Jul 16 j 04:04	5°♊04'18	17°59'02
asc. node	-3716 Jul 17 j 16:11	6°♊40'14	
morning set	-3716 Aug 01 j 05:58	0°♋19'31	
	-3716 Aug 01 j 01:41	0°♋	
superior conj	-3716 Aug 11 j 22:44	19°♋27'47	1°34'07
minimum elong	-3716 Aug 12 j 03:06	19°♋46'40	1°33'55
	-3716 Aug 18 j 03:44	0°♌	
max. Earth dist.	-3716 Aug 19 j 07:20	1°♌54'10	1.42401 AU
evening rise	-3716 Aug 26 j 04:49	13°♌01'15	
desc. node	-3716 Aug 28 j 22:21	17°♌17'56	
	-3716 Sep 06 j 06:52	0°♍	
greatest brilliancy	-3716 Sep 22 j 05:33	22°♍10'14	-0.4m
evening max el	-3716 Sep 27 j 01:39	27°♍40'33	21°53'12
	-3716 Sep 29 j 13:28	0°♎	
retrograde	-3716 Oct 06 j 05:05	3°♎06'38	
evening set	-3716 Oct 10 j 12:13	1°♎25'42	
	-3716 Oct 12 j 01:11	30°℞♍	
asc. node	-3716 Oct 13 j 15:12	28°♍09'20	
inferior conj	-3716 Oct 15 j 21:13	25°♍08'18	0°46'00
minimum elong	-3716 Oct 15 j 20:10	25°♍11'56	0°45'34
min. Earth dist.	-3716 Oct 16 j 00:48	24°♍55'56	0.67355 AU
morning rise	-3716 Oct 21 j 03:53	18°♍51'22	
direct	-3716 Oct 25 j 22:30	16°♍52'48	
morning max el	-3716 Nov 04 j 21:53	22°♍49'47	22°55'05
greatest brilliancy	-3716 Nov 09 j 18:07	28°♍16'20	-0.3m
	-3716 Nov 11 j 03:38	0°♎	
desc. node	-3716 Nov 24 j 22:11	19°♎06'31	
	-3716 Dec 02 j 01:36	0°♏	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3716 Dec 09 j 03:09	11°♏20'56	
max. Earth dist.	-3716 Dec 13 j 23:14	19°♏29'02	1.40031 AU
	-3716 Dec 19 j 22:45	0°♐	
superior conj	-3716 Dec 21 j 16:40	3°♐10'11	-1°-55'-16
minimum elong	-3716 Dec 21 j 16:48	3°♐10'49	1°55'25
evening rise	-3716 Dec 31 j 09:14	21°♐23'21	
	-3715 Jan 04 j 23:02	0°♑	
asc. node	-3715 Jan 09 j 14:15	8°♑05'54	
evening max el	-3715 Jan 16 j 14:26	17°♑25'05	18°26'52
retrograde	-3715 Jan 24 j 02:01	21°♑05'39	
evening set	-3715 Jan 26 j 13:42	20°♑42'32	
inferior conj	-3715 Feb 02 j 22:43	16°♑07'56	3°49'10
minimum elong	-3715 Feb 03 j 01:17	16°♑02'43	3°48'44
min. Earth dist.	-3715 Feb 06 j 08:11	13°♑23'59	0.58957 AU
morning rise	-3715 Feb 10 j 09:23	10°♑42'43	
direct	-3715 Feb 16 j 15:38	9°♑00'59	
desc. node	-3715 Feb 20 j 21:30	9°♑46'05	
morning max el	-3715 Mar 02 j 21:59	16°♑35'53	26°45'35
	-3715 Mar 13 j 22:20	0°♒	
	-3715 Mar 31 j 02:14	0°♓	
morning set	-3715 Apr 01 j 16:41	3°♓18'31	
asc. node	-3715 Apr 07 j 13:43	15°♓55'30	
superior conj	-3715 Apr 08 j 18:46	18°♓34'24	0°12'39
minimum elong	-3715 Apr 08 j 18:12	18°♓31'21	0°12'29
behind sun begin	-3715 Apr 08 j 15:08	18°♓14'32	
behind sun end	-3715 Apr 08 j 21:16	18°♓48'10	
max. Earth dist.	-3715 Apr 08 j 18:14	18°♓31'32	1.32569 AU
	-3715 Apr 14 j 01:08	0°♈	
evening rise	-3715 Apr 15 j 19:31	3°♈43'43	
	-3715 Apr 29 j 23:52	0°♉	
evening max el	-3715 May 15 j 02:16	19°♉30'15	26°26'24
desc. node	-3715 May 19 j 20:13	23°♉25'46	
retrograde	-3715 May 29 j 04:09	26°♉49'03	
evening set	-3715 Jun 04 j 13:29	25°♉05'39	
min. Earth dist.	-3715 Jun 08 j 15:26	22°♉24'57	0.59697 AU
inferior conj	-3715 Jun 12 j 00:26	19°♉44'35	-4°-20'-20
minimum elong	-3715 Jun 11 j 23:54	19°♉45'39	4°20'14
morning rise	-3715 Jun 19 j 13:55	15°♉08'42	
direct	-3715 Jun 22 j 01:19	14°♉46'31	
morning max el	-3715 Jun 29 j 14:29	18°♉24'29	18°19'30
asc. node	-3715 Jul 04 j 13:15	24°♉25'43	
	-3715 Jul 08 j 01:40	0°♊	
morning set	-3715 Jul 15 j 14:47	13°♊48'07	
	-3715 Jul 24 j 05:20	0°♋	
superior conj	-3715 Jul 25 j 01:15	1°♋31'16	1°46'57
minimum elong	-3715 Jul 25 j 02:55	1°♋38'54	1°47'03
max. Earth dist.	-3715 Aug 01 j 12:31	14°♋45'11	1.40583 AU
evening rise	-3715 Aug 06 j 08:05	22°♋50'37	
	-3715 Aug 10 j 18:19	0°♌	
desc. node	-3715 Aug 15 j 19:20	7°♌51'15	
	-3715 Aug 31 j 06:55	0°♍	
greatest brilliancy	-3715 Sep 03 j 22:33	4°♍38'40	-0.2m
evening max el	-3715 Sep 09 j 16:19	11°♍06'41	23°12'54
retrograde	-3715 Sep 19 j 22:31	17°♍11'10	
evening set	-3715 Sep 24 j 19:29	15°♍10'50	
inferior conj	-3715 Sep 30 j 03:54	8°♍50'09	0°-7'-12
minimum elong	-3715 Sep 30 j 04:04	8°♍49'35	0°07'05
transit middle	-3715 Sep 30 j 04:04	8°♍49'35	0°07'05
transit begin	-3715 Sep 30 j 01:38	8°♍57'58	
transit end	-3715 Sep 30 j 06:30	8°♍41'13	
min. Earth dist.	-3715 Sep 29 j 21:18	9°♍12'52	0.67435 AU
asc. node	-3715 Sep 30 j 12:19	8°♍21'15	
morning rise	-3715 Oct 05 j 12:40	2°♍36'18	
direct	-3715 Oct 09 j 17:10	0°♍59'05	
morning max el	-3715 Oct 18 j 12:43	6°♍11'58	21°31'48
greatest brilliancy	-3715 Oct 23 j 16:11	12°♍07'28	-0.4m
	-3715 Nov 05 j 12:43	0°♎	
desc. node	-3715 Nov 11 j 19:07	9°♎24'22	
morning set	-3715 Nov 18 j 18:56	20°♎15'50	
	-3715 Nov 24 j 20:15	0°♏	
max. Earth dist.	-3715 Nov 26 j 00:23	1°♏55'29	1.41999 AU
superior conj	-3715 Dec 03 j 10:43	14°♏28'26	-1°-49'-31
minimum elong	-3715 Dec 03 j 07:17	14°♏13'35	1°49'27
	-3715 Dec 12 j 04:22	0°♐	
evening rise	-3715 Dec 14 j 11:50	4°♐12'36	
asc. node	-3715 Dec 27 j 11:19	26°♐12'25	
	-3715 Dec 30 j 14:29	0°♑	
evening max el	-3715 Dec 30 j 23:52	0°♑23'47	18°09'26
retrograde	-3714 Jan 06 j 19:18	3°♑52'20	
evening set	-3714 Jan 09 j 09:54	3°♑22'11	
	-3714 Jan 14 j 11:57	30°℞♐	
inferior conj	-3714 Jan 16 j 05:23	28°♐25'33	4°02'18
minimum elong	-3714 Jan 16 j 05:13	28°♐25'56	4°02'09
min. Earth dist.	-3714 Jan 19 j 08:53	25°♐30'04	0.60975 AU
morning rise	-3714 Jan 22 j 21:56	22°♐42'52	
direct	-3714 Jan 29 j 19:36	20°♐25'06	
desc. node	-3714 Feb 07 j 18:35	23°♐46'05	
morning max el	-3714 Feb 12 j 22:08	28°♐07'06	27°31'54
	-3714 Feb 14 j 18:20	0°♑	
	-3714 Mar 07 j 14:20	0°♒	
morning set	-3714 Mar 17 j 00:00	18°♒03'52	
	-3714 Mar 22 j 15:02	0°♓	
max. Earth dist.	-3714 Mar 23 j 06:55	1°♓26'21	1.32623 AU
superior conj	-3714 Mar 24 j 06:08	3°♓32'52	0°-12'-26
minimum elong	-3714 Mar 24 j 06:42	3°♓35'57	0°12'24
behind sun begin	-3714 Mar 24 j 03:33	3°♓18'45	
behind sun end	-3714 Mar 24 j 09:51	3°♓53'09	
asc. node	-3714 Mar 25 j 10:44	6°♓09'02	
evening rise	-3714 Mar 31 j 06:15	18°♓41'19	
	-3714 Apr 05 j 20:49	0°♈	
	-3714 Apr 26 j 03:53	0°♉	
evening max el	-3714 Apr 26 j 21:37	0°♉43'19	25°12'45
desc. node	-3714 May 06 j 17:21	7°♉10'54	
retrograde	-3714 May 10 j 23:00	7°♉52'47	
evening set	-3714 May 16 j 05:46	6°♉48'01	
min. Earth dist.	-3714 May 21 j 09:57	3°♉57'59	0.57725 AU
inferior conj	-3714 May 24 j 12:37	1°♉50'01	-3°-58'-7
minimum elong	-3714 May 24 j 08:28	1°♉57'11	3°57'29
	-3714 May 27 j 07:05	30°℞♈	
morning rise	-3714 Jun 01 j 15:14	27°♈34'57	
direct	-3714 Jun 04 j 02:36	27°♈16'31	
	-3714 Jun 11 j 04:59	0°♉	
morning max el	-3714 Jun 12 j 18:18	1°♉19'43	19°00'07
asc. node	-3714 Jun 21 j 10:17	12°♉57'14	
morning set	-3714 Jun 29 j 10:18	27°♉50'52	
	-3714 Jun 30 j 12:31	0°♊	
superior conj	-3714 Jul 07 j 23:08	14°♊34'22	1°48'33
minimum elong	-3714 Jul 07 j 22:31	14°♊31'23	1°48'42
max. Earth dist.	-3714 Jul 14 j 14:33	26°♊56'39	1.38631 AU
	-3714 Jul 16 j 07:35	0°♋	
evening rise	-3714 Jul 18 j 13:34	3°♋56'24	
desc. node	-3714 Aug 02 j 16:22	28°♋12'55	
	-3714 Aug 03 j 21:21	0°♌	
evening max el	-3714 Aug 23 j 03:56	24°♌36'03	24°32'57
	-3714 Aug 30 j 01:20	0°♍	
retrograde	-3714 Sep 03 j 12:11	1°♍14'12	
	-3714 Sep 07 j 13:10	30°℞♌	
evening set	-3714 Sep 09 j 00:12	28°♌54'41	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

min. Earth dist.	-3714 Sep 13 j 16:34	23°♌31'27	0.67213 AU
inferior conj	-3714 Sep 14 j 09:38	22°♌34'17	-1°00'-48
minimum elong	-3714 Sep 14 j 11:04	22°♌29'29	1°00'08
asc. node	-3714 Sep 17 j 09:26	18°♌47'42	
morning rise	-3714 Sep 19 j 22:13	16°♌26'47	
direct	-3714 Sep 23 j 14:24	15°♌09'06	
morning max el	-3714 Oct 01 j 10:32	19°♌42'52	20°18'10
greatest brilliancy	-3714 Oct 08 j 05:08	27°♌57'02	-0.6m
	-3714 Oct 09 j 16:55	0°♍	
morning set	-3714 Oct 28 j 17:44	28°♍28'11	
desc. node	-3714 Oct 29 j 16:04	29°♍54'46	
	-3714 Oct 29 j 17:25	0°♎	
max. Earth dist.	-3714 Nov 08 j 09:31	15°♎15'20	1.43582 AU
superior conj	-3714 Nov 14 j 02:22	24°♎31'09	-1°-28'-7
minimum elong	-3714 Nov 13 j 19:40	24°♎03'33	1°27'34
	-3714 Nov 17 j 09:40	0°♏	
evening rise	-3714 Nov 26 j 21:57	16°♏14'38	
	-3714 Dec 04 j 21:47	0°♐	
asc. node	-3714 Dec 14 j 08:24	13°♐27'35	
evening max el	-3714 Dec 14 j 12:11	13°♐37'13	18°11'21
retrograde	-3714 Dec 21 j 01:17	17°♐06'36	
evening set	-3714 Dec 23 j 19:11	16°♐28'23	
inferior conj	-3714 Dec 30 j 03:48	11°♐10'30	3°52'13
minimum elong	-3714 Dec 30 j 01:42	11°♐16'04	3°51'50
min. Earth dist.	-3713 Jan 01 j 18:24	8°♐25'29	0.62870 AU
morning rise	-3713 Jan 05 j 06:25	5°♐15'11	
direct	-3713 Jan 12 j 07:53	2°♐33'43	
desc. node	-3713 Jan 25 j 15:39	9°♐48'12	
morning max el	-3713 Jan 26 j 03:55	10°♐18'04	27°42'11
	-3713 Feb 10 j 15:42	0°♑	
	-3713 Feb 27 j 19:54	0°♒	
morning set	-3713 Mar 01 j 01:41	2°♒28'48	
max. Earth dist.	-3713 Mar 06 j 15:22	14°♒03'19	1.33043 AU
superior conj	-3713 Mar 08 j 15:26	18°♒21'11	0°-37'-36
minimum elong	-3713 Mar 08 j 17:07	18°♒30'15	0°37'22
asc. node	-3713 Mar 12 j 07:44	26°♒18'41	
	-3713 Mar 14 j 00:55	0°♓	
evening rise	-3713 Mar 15 j 17:56	3°♓37'41	
	-3713 Mar 30 j 04:40	0°♈	
evening max el	-3713 Apr 08 j 13:29	11°♈29'04	23°41'53
retrograde	-3713 Apr 22 j 05:20	18°♈17'27	
desc. node	-3713 Apr 23 j 14:30	18°♈13'10	
evening set	-3713 Apr 26 j 04:00	17°♈43'13	
min. Earth dist.	-3713 May 03 j 00:44	14°♈30'59	0.56137 AU
inferior conj	-3713 May 05 j 04:39	13°♈12'37	-2°-57'-6
minimum elong	-3713 May 04 j 22:36	13°♈21'47	2°55'32
morning rise	-3713 May 13 j 20:49	9°♈12'54	
direct	-3713 May 16 j 09:04	8°♈56'54	
morning max el	-3713 May 26 j 12:50	13°♈39'47	20°01'15
	-3713 Jun 07 j 04:28	0°♉	
asc. node	-3713 Jun 08 j 07:19	2°♉03'02	
morning set	-3713 Jun 13 j 13:17	12°♉18'24	
superior conj	-3713 Jun 21 j 11:02	28°♉21'25	1°41'41
minimum elong	-3713 Jun 21 j 08:59	28°♉11'10	1°41'41
	-3713 Jun 22 j 06:48	0°♊	
max. Earth dist.	-3713 Jun 26 j 18:41	8°♊45'17	1.36782 AU
evening rise	-3713 Jun 30 j 18:44	16°♊12'28	
	-3713 Jul 08 j 17:14	0°♋	
desc. node	-3713 Jul 20 j 13:25	18°♋16'28	
	-3713 Jul 29 j 08:02	0°♌	
evening max el	-3713 Aug 05 j 14:43	8°♌07'37	25°45'50
retrograde	-3713 Aug 17 j 21:23	15°♌10'53	
evening set	-3713 Aug 24 j 00:26	12°♌34'57	
min. Earth dist.	-3713 Aug 28 j 08:06	7°♌49'13	0.66662 AU
inferior conj	-3713 Aug 29 j 12:36	6°♌18'11	-1°-53'-10
minimum elong	-3713 Aug 29 j 15:13	6°♌09'51	1°52'05
morning rise	-3713 Sep 04 j 06:38	0°♌20'21	
asc. node	-3713 Sep 04 j 06:31	0°♌20'30	
	-3713 Sep 04 j 20:55	30°℞♋	
direct	-3713 Sep 07 j 12:38	29°♋19'15	
	-3713 Sep 10 j 06:42	0°♌	
morning max el	-3713 Sep 14 j 15:36	3°♌22'35	19°18'01
greatest brilliancy	-3713 Sep 25 j 06:40	17°♌29'44	-0.7m
	-3713 Oct 03 j 09:43	0°♍	
morning set	-3713 Oct 07 j 22:41	7°♍05'32	
desc. node	-3713 Oct 16 j 13:01	20°♍33'36	
max. Earth dist.	-3713 Oct 22 j 00:55	29°♍12'57	1.44564 AU
	-3713 Oct 22 j 12:49	0°♎	
superior conj	-3713 Oct 24 j 15:42	3°♎21'42	0°-50'-4
minimum elong	-3713 Oct 24 j 09:45	2°♎58'04	0°49'22
evening rise	-3713 Nov 08 j 10:58	27°♎20'40	
	-3713 Nov 10 j 01:32	0°♏	
evening max el	-3713 Nov 28 j 00:36	26°♏59'22	18°31'48
asc. node	-3713 Dec 01 j 05:29	29°♏37'20	
	-3713 Dec 01 j 22:18	0°♐	
retrograde	-3713 Dec 04 j 15:43	0°♐40'12	
	-3713 Dec 07 j 08:16	30°℞♏	
evening set	-3713 Dec 07 j 14:05	29°♏52'31	
inferior conj	-3713 Dec 13 j 14:14	24°♏15'51	3°26'12
minimum elong	-3713 Dec 13 j 11:13	24°♏24'40	3°25'27
min. Earth dist.	-3713 Dec 15 j 14:01	21°♏56'17	0.64471 AU
morning rise	-3713 Dec 19 j 07:06	18°♏11'00	
direct	-3713 Dec 26 j 03:15	15°♏20'47	
morning max el	-3712 Jan 08 j 13:07	23°♏02'00	27°17'33
desc. node	-3712 Jan 12 j 12:40	27°♏18'37	
	-3712 Jan 14 j 18:58	0°♐	
	-3712 Feb 03 j 21:26	0°♑	
morning set	-3712 Feb 12 j 18:56	16°♑24'13	
max. Earth dist.	-3712 Feb 17 j 15:39	26°♑10'21	1.33868 AU
	-3712 Feb 19 j 11:51	0°♒	
superior conj	-3712 Feb 20 j 20:48	2°♒53'17	-1°-1'-48
minimum elong	-3712 Feb 20 j 23:26	3°♒07'09	1°01'29
asc. node	-3712 Feb 27 j 04:45	16°♒20'15	
evening rise	-3712 Feb 28 j 04:49	18°♒26'32	
	-3712 Mar 04 j 23:23	0°♓	
evening max el	-3712 Mar 20 j 07:47	22°♓14'06	22°08'03
retrograde	-3712 Apr 02 j 00:06	28°♓24'01	
evening set	-3712 Apr 04 j 20:29	28°♓06'02	
desc. node	-3712 Apr 09 j 11:36	26°♓29'26	
min. Earth dist.	-3712 Apr 13 j 14:34	24°♓18'39	0.55254 AU
inferior conj	-3712 Apr 14 j 04:38	23°♓58'47	-1°-17'-41
minimum elong	-3712 Apr 14 j 01:07	24°♓03'46	1°16'31
morning rise	-3712 Apr 23 j 07:17	20°♓01'07	
direct	-3712 Apr 26 j 00:17	19°♓44'36	
morning max el	-3712 May 07 j 20:36	25°♓18'56	21°21'29
	-3712 May 12 j 03:38	0°♈	
asc. node	-3712 May 25 j 04:20	21°♈34'34	
morning set	-3712 May 27 j 21:17	27°♈03'53	
	-3712 May 29 j 07:16	0°♉	
superior conj	-3712 Jun 04 j 08:49	12°♉40'24	1°28'35
minimum elong	-3712 Jun 04 j 06:11	12°♉26'45	1°28'22
max. Earth dist.	-3712 Jun 08 j 06:14	20°♉36'50	1.35215 AU
evening rise	-3712 Jun 12 j 18:28	29°♉25'33	
	-3712 Jun 13 j 01:43	0°♊	
	-3712 Jun 30 j 20:41	0°♋	
desc. node	-3712 Jul 06 j 10:28	7°♋53'56	
evening max el	-3712 Jul 18 j 01:50	21°♋36'34	26°43'26
retrograde	-3712 Jul 31 j 01:43	28°♋54'49	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3712 Aug 06 j 17:56	26°♋08'56	
min. Earth dist.	-3712 Aug 10 j 17:37	22°♋01'55	0.65754 AU
inferior conj	-3712 Aug 12 j 10:50	19°♋58'54	-2°-42'-23
minimum elong	-3712 Aug 12 j 14:21	19°♋48'25	2°41'07
morning rise	-3712 Aug 18 j 11:50	14°♋13'52	
direct	-3712 Aug 21 j 09:58	13°♋26'02	
asc. node	-3712 Aug 21 j 03:37	13°♋26'25	
morning max el	-3712 Aug 28 j 02:21	17°♋07'53	18°33'25
	-3712 Sep 06 j 14:32	0°♌	
morning set	-3712 Sep 17 j 03:13	16°♌53'21	
	-3712 Sep 25 j 07:07	0°♍	
desc. node	-3712 Oct 02 j 09:58	11°♍16'50	
superior conj	-3712 Oct 02 j 15:19	11°♍37'56	0°-1'-25
minimum elong	-3712 Oct 02 j 15:07	11°♍37'10	0°01'21
behind sun begin	-3712 Oct 02 j 03:47	10°♍52'29	
behind sun end	-3712 Oct 03 j 02:27	12°♍21'51	
max. Earth dist.	-3712 Oct 03 j 18:45	13°♍26'05	1.44839 AU
	-3712 Oct 14 j 07:13	0°♎	
evening rise	-3712 Oct 18 j 23:17	7°♎22'45	
	-3712 Nov 02 j 11:00	0°♏	
evening max el	-3712 Nov 10 j 10:36	10°♏24'57	19°09'42
retrograde	-3712 Nov 17 j 10:54	14°♏26'10	
asc. node	-3712 Nov 17 j 02:33	14°♏25'29	
evening set	-3712 Nov 20 j 15:34	13°♏26'56	
inferior conj	-3712 Nov 26 j 09:18	7°♏34'39	2°49'19
minimum elong	-3712 Nov 26 j 06:12	7°♏44'25	2°48'20
min. Earth dist.	-3712 Nov 27 j 18:57	5°♏48'26	0.65720 AU
morning rise	-3712 Dec 01 j 19:56	1°♏22'58	
	-3712 Dec 03 j 16:05	30°℞♎	
direct	-3712 Dec 08 j 05:00	28°♎37'19	
	-3712 Dec 13 j 04:47	0°♏	
morning max el	-3712 Dec 20 j 22:51	6°♏05'13	26°23'49
desc. node	-3712 Dec 29 j 09:41	15°♏50'51	
	-3711 Jan 08 j 11:35	0°♐	
morning set	-3711 Jan 25 j 23:55	29°♐37'39	
	-3711 Jan 26 j 04:40	0°♑	
max. Earth dist.	-3711 Jan 30 j 04:28	7°♑40'58	1.35132 AU
superior conj	-3711 Feb 03 j 19:57	17°♑01'31	-1°-23'-43
minimum elong	-3711 Feb 03 j 23:07	17°♑17'44	1°23'27
	-3711 Feb 10 j 02:01	0°♒	
evening rise	-3711 Feb 11 j 13:04	3°♒01'10	
asc. node	-3711 Feb 13 j 01:46	6°♒08'35	
	-3711 Feb 27 j 06:55	0°♓	
evening max el	-3711 Mar 02 j 10:21	3°♓23'26	20°43'23
retrograde	-3711 Mar 13 j 13:48	8°♓42'00	
evening set	-3711 Mar 15 j 22:00	8°♓28'51	
inferior conj	-3711 Mar 25 j 00:02	4°♓31'12	0°39'11
minimum elong	-3711 Mar 25 j 01:48	4°♓28'39	0°38'30
min. Earth dist.	-3711 Mar 26 j 04:48	3°♓49'42	0.55282 AU
desc. node	-3711 Mar 27 j 08:41	3°♓10'11	
morning rise	-3711 Apr 03 j 04:00	0°♓16'59	
	-3711 Apr 04 j 16:21	30°℞♒	
direct	-3711 Apr 06 j 12:21	29°♒52'35	
	-3711 Apr 08 j 07:57	0°♓	
morning max el	-3711 Apr 19 j 18:21	6°♓19'15	22°56'04
	-3711 May 06 j 07:31	0°♈	
morning set	-3711 May 12 j 08:17	12°♈01'03	
asc. node	-3711 May 12 j 01:21	11°♈24'57	
superior conj	-3711 May 19 j 13:22	27°♈21'34	1°10'54
minimum elong	-3711 May 19 j 10:47	27°♈07'55	1°10'34
	-3711 May 20 j 19:16	0°♉	
max. Earth dist.	-3711 May 22 j 03:41	2°♉50'18	1.34011 AU
evening rise	-3711 May 27 j 07:46	13°♉21'26	
	-3711 Jun 05 j 07:09	0°♊	
desc. node	-3711 Jun 23 j 07:30	26°♊54'19	
	-3711 Jun 25 j 21:44	0°♋	
evening max el	-3711 Jun 30 j 13:02	4°♋54'39	27°18'09
retrograde	-3711 Jul 14 j 00:45	12°♋18'29	
evening set	-3711 Jul 21 j 01:57	9°♋33'06	
min. Earth dist.	-3711 Jul 24 j 19:06	6°♋02'56	0.64469 AU
inferior conj	-3711 Jul 27 j 02:04	3°♋32'51	-3°-25'-53
minimum elong	-3711 Jul 27 j 05:55	3°♋22'18	3°24'47
	-3711 Jul 30 j 14:32	30°℞♊	
morning rise	-3711 Aug 02 j 11:30	28°♊03'38	
direct	-3711 Aug 05 j 04:06	27°♊25'50	
asc. node	-3711 Aug 08 j 00:42	28°♊08'13	
	-3711 Aug 10 j 17:20	0°♋	
morning max el	-3711 Aug 11 j 16:29	0°♋54'40	18°05'44
morning set	-3711 Aug 29 j 11:11	28°♋00'18	
	-3711 Aug 30 j 15:31	0°♌	
superior conj	-3711 Sep 11 j 23:51	20°♌24'23	0°45'29
minimum elong	-3711 Sep 12 j 04:46	20°♌44'12	0°44'57
max. Earth dist.	-3711 Sep 16 j 12:00	27°♌37'07	1.44393 AU
	-3711 Sep 18 j 00:03	0°♍	
desc. node	-3711 Sep 19 j 06:56	2°♍01'49	
evening rise	-3711 Sep 28 j 13:01	16°♍27'52	
	-3711 Oct 07 j 08:37	0°♎	
greatest brilliancy	-3711 Oct 17 j 12:52	14°♎59'26	-0.6m
evening max el	-3711 Oct 24 j 16:09	23°♎51'41	20°03'21
retrograde	-3711 Nov 01 j 07:59	28°♎20'53	
asc. node	-3711 Nov 03 j 23:38	27°♎40'04	
evening set	-3711 Nov 04 j 21:13	27°♎07'28	
inferior conj	-3711 Nov 10 j 10:17	21°♎02'55	2°05'03
minimum elong	-3711 Nov 10 j 07:42	21°♎11'30	2°04'05
min. Earth dist.	-3711 Nov 11 j 07:17	19°♎53'04	0.66616 AU
morning rise	-3711 Nov 15 j 17:35	14°♎47'05	
direct	-3711 Nov 21 j 12:24	12°♎15'48	
morning max el	-3711 Dec 03 j 07:38	19°♎16'30	25°09'39
	-3711 Dec 12 j 11:22	0°♏	
desc. node	-3711 Dec 16 j 06:41	5°♏06'47	
	-3710 Jan 01 j 14:05	0°♐	
morning set	-3710 Jan 08 j 11:32	11°♐54'22	
max. Earth dist.	-3710 Jan 12 j 05:57	18°♐47'15	1.36829 AU
superior conj	-3710 Jan 18 j 09:59	0°♑37'40	-1°-41'-35
minimum elong	-3710 Jan 18 j 12:57	0°♑52'16	1°41'30
	-3710 Jan 18 j 02:21	0°♑	
evening rise	-3710 Jan 26 j 16:37	17°♑15'31	
asc. node	-3710 Jan 30 j 22:47	25°♑38'19	
	-3710 Feb 02 j 07:07	0°♒	
evening max el	-3710 Feb 12 j 23:38	15°♒08'40	19°35'01
retrograde	-3710 Feb 22 j 10:28	19°♒37'58	
evening set	-3710 Feb 24 j 17:54	19°♒23'07	
inferior conj	-3710 Mar 05 j 04:54	15°♒18'28	2°20'58
minimum elong	-3710 Mar 05 j 09:46	15°♒10'39	2°19'29
min. Earth dist.	-3710 Mar 07 j 19:28	13°♒38'42	0.56223 AU
morning rise	-3710 Mar 13 j 22:04	10°♒35'44	
desc. node	-3710 Mar 14 j 05:49	10°♒29'34	
direct	-3710 Mar 18 j 09:27	9°♒50'34	
morning max el	-3710 Apr 01 j 09:52	16°♒55'44	24°35'09
	-3710 Apr 12 j 00:05	0°♓	
morning set	-3710 Apr 26 j 20:29	27°♓03'16	
	-3710 Apr 28 j 05:54	0°♈	
asc. node	-3710 Apr 28 j 22:21	1°♈27'51	
superior conj	-3710 May 03 j 22:11	12°♈16'04	0°49'57
minimum elong	-3710 May 03 j 20:09	12°♈05'05	0°49'36
max. Earth dist.	-3710 May 05 j 09:54	15°♈28'54	1.33179 AU
evening rise	-3710 May 11 j 06:36	27°♈46'51	
	-3710 May 12 j 09:02	0°♉	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3710 May 29 j 13:41	0°♊	
desc. node	-3710 Jun 10 j 04:35	15°♊01'15	
evening max el	-3710 Jun 12 j 22:27	17°♊49'02	27°23'42
retrograde	-3710 Jun 26 j 17:35	25°♊12'12	
evening set	-3710 Jul 03 j 20:55	22°♊40'39	
min. Earth dist.	-3710 Jul 07 j 11:02	19°♊40'30	0.62822 AU
inferior conj	-3710 Jul 10 j 07:26	16°♊53'14	-4°00'-1
minimum elong	-3710 Jul 10 j 10:41	16°♊45'16	3°59'22
morning rise	-3710 Jul 17 j 02:41	11°♊42'52	
direct	-3710 Jul 19 j 16:02	11°♊12'25	
asc. node	-3710 Jul 25 j 21:47	14°♊13'39	
morning max el	-3710 Jul 26 j 07:22	14°♊36'41	17°56'02
	-3710 Aug 05 j 22:48	0°♋	
morning set	-3710 Aug 11 j 18:25	10°♋13'54	
superior conj	-3710 Aug 23 j 09:12	0°♌24'49	1°20'34
minimum elong	-3710 Aug 23 j 14:42	0°♌47'56	1°20'09
	-3710 Aug 23 j 03:19	0°♌	
max. Earth dist.	-3710 Aug 30 j 02:11	11°♌29'44	1.43289 AU
desc. node	-3710 Sep 06 j 03:53	22°♌45'02	
evening rise	-3710 Sep 07 j 17:11	25°♌10'27	
	-3710 Sep 10 j 20:10	0°♍	
	-3710 Oct 01 j 11:52	0°♎	
greatest brilliancy	-3710 Oct 02 j 07:19	1°♎02'51	-0.5m
evening max el	-3710 Oct 07 j 15:52	7°♎17'59	21°10'16
retrograde	-3710 Oct 16 j 04:52	12°♎21'34	
evening set	-3710 Oct 20 j 04:55	10°♎51'17	
asc. node	-3710 Oct 21 j 20:45	9°♎21'00	
inferior conj	-3710 Oct 25 j 14:58	4°♎37'44	1°15'50
minimum elong	-3710 Oct 25 j 13:17	4°♎43'31	1°15'08
min. Earth dist.	-3710 Oct 26 j 00:38	4°♎04'37	0.67177 AU
	-3710 Oct 29 j 05:20	30°℞♍	
morning rise	-3710 Oct 30 j 21:17	28°♍20'35	
direct	-3710 Nov 05 j 00:45	26°♍09'22	
	-3710 Nov 12 j 23:54	0°♎	
morning max el	-3710 Nov 15 j 16:27	2°♎30'57	23°44'56
desc. node	-3710 Dec 03 j 03:41	24°♎53'42	
	-3710 Dec 06 j 14:38	0°♏	
morning set	-3710 Dec 20 j 23:40	22°♏57'55	
max. Earth dist.	-3710 Dec 25 j 01:50	0°♐02'57	1.38832 AU
	-3710 Dec 25 j 01:10	0°♐	
superior conj	-3709 Jan 01 j 11:04	13°♐31'12	-1°-52'-56
minimum elong	-3709 Jan 01 j 12:39	13°♐38'44	1°53'02
	-3709 Jan 10 j 00:03	0°♑	
evening rise	-3709 Jan 10 j 13:02	1°♑03'18	
asc. node	-3709 Jan 17 j 19:50	14°♑43'01	
evening max el	-3709 Jan 26 j 22:44	27°♑28'36	18°46'00
	-3709 Jan 30 j 05:15	0°♒	
retrograde	-3709 Feb 04 j 00:16	1°♒22'24	
evening set	-3709 Feb 06 j 10:27	1°♒02'39	
	-3709 Feb 09 j 02:15	30°℞♑	
inferior conj	-3709 Feb 14 j 04:26	26°♑40'01	3°27'36
minimum elong	-3709 Feb 14 j 08:29	26°♑32'29	3°26'45
min. Earth dist.	-3709 Feb 17 j 11:39	24°♑14'06	0.57844 AU
morning rise	-3709 Feb 22 j 02:48	21°♑28'46	
direct	-3709 Feb 27 j 19:18	20°♑09'46	
desc. node	-3709 Mar 01 j 02:56	20°♑14'02	
morning max el	-3709 Mar 14 j 01:30	27°♑36'20	26°04'30
	-3709 Mar 16 j 09:30	0°♒	
	-3709 Apr 05 j 07:28	0°♓	
morning set	-3709 Apr 11 j 08:14	12°♓04'42	
asc. node	-3709 Apr 15 j 19:21	21°♓38'38	
superior conj	-3709 Apr 18 j 09:22	27°♓17'17	0°26'44
minimum elong	-3709 Apr 18 j 08:12	27°♓10'58	0°26'29
max. Earth dist.	-3709 Apr 18 j 21:44	28°♓24'53	1.32701 AU
	-3709 Apr 19 j 15:10	0°♈	
evening rise	-3709 Apr 25 j 11:56	12°♈31'38	
	-3709 May 04 j 12:56	0°♉	
evening max el	-3709 May 26 j 03:26	0°♊07'11	26°56'29
	-3709 May 26 j 00:26	0°♊	
desc. node	-3709 May 28 j 01:41	1°♊52'00	
retrograde	-3709 Jun 09 j 03:06	7°♊27'25	
evening set	-3709 Jun 15 j 22:42	5°♊23'17	
min. Earth dist.	-3709 Jun 19 j 16:57	2°♊40'30	0.60888 AU
inferior conj	-3709 Jun 22 j 23:35	29°♉51'51	-4°-19'-11
minimum elong	-3709 Jun 23 j 00:51	29°♉49'06	4°19'01
	-3709 Jun 22 j 19:49	30°℞♉	
morning rise	-3709 Jun 30 j 06:01	25°♉02'58	
direct	-3709 Jul 02 j 17:56	24°♉38'01	
morning max el	-3709 Jul 09 j 20:13	28°♉07'17	18°05'15
	-3709 Jul 11 j 14:28	0°♊	
asc. node	-3709 Jul 12 j 18:51	1°♊27'11	
morning set	-3709 Jul 25 j 19:19	23°♊19'10	
	-3709 Jul 29 j 09:52	0°♋	
superior conj	-3709 Aug 04 j 21:57	11°♋47'07	1°41'06
minimum elong	-3709 Aug 05 j 01:12	12°♋01'29	1°41'04
max. Earth dist.	-3709 Aug 12 j 11:15	24°♋48'12	1.41671 AU
	-3709 Aug 15 j 14:37	0°♌	
evening rise	-3709 Aug 18 j 07:41	4°♌23'28	
desc. node	-3709 Aug 24 j 00:52	13°♌23'16	
	-3709 Sep 04 j 04:31	0°♍	
greatest brilliancy	-3709 Sep 15 j 15:45	15°♍24'07	-0.3m
evening max el	-3709 Sep 20 j 09:29	20°♍43'40	22°26'38
retrograde	-3709 Sep 29 j 23:53	26°♍25'44	
evening set	-3709 Oct 04 j 12:51	24°♍36'26	
asc. node	-3709 Oct 08 j 17:53	19°♍51'46	
inferior conj	-3709 Oct 09 j 21:25	18°♍17'20	0°23'34
minimum elong	-3709 Oct 09 j 20:52	18°♍19'14	0°23'22
min. Earth dist.	-3709 Oct 09 j 20:36	18°♍20'09	0.67430 AU
morning rise	-3709 Oct 15 j 04:47	12°♍01'37	
direct	-3709 Oct 19 j 17:14	10°♍12'20	
morning max el	-3709 Oct 29 j 04:16	15°♍49'40	22°18'51
greatest brilliancy	-3709 Nov 02 j 21:17	21°♍08'46	-0.3m
	-3709 Nov 09 j 15:19	0°♎	
desc. node	-3709 Nov 20 j 00:38	15°♎02'09	
	-3709 Nov 29 j 16:15	0°♏	
morning set	-3709 Dec 01 j 07:19	2°♏37'05	
max. Earth dist.	-3709 Dec 06 j 23:58	12°♏00'48	1.40897 AU
superior conj	-3709 Dec 14 j 18:02	25°♏27'49	-1°-54'-32
minimum elong	-3709 Dec 14 j 16:47	25°♏22'13	1°54'38
	-3709 Dec 17 j 06:26	0°♐	
evening rise	-3709 Dec 24 j 23:12	14°♐16'09	
	-3708 Jan 02 j 16:23	0°♑	
asc. node	-3708 Jan 04 j 16:54	3°♑13'34	
evening max el	-3708 Jan 10 j 05:06	10°♑14'44	18°17'02
retrograde	-3708 Jan 17 j 08:33	13°♑48'47	
evening set	-3708 Jan 19 j 21:28	13°♑22'45	
inferior conj	-3708 Jan 27 j 00:20	8°♑38'27	3°58'09
minimum elong	-3708 Jan 27 j 01:42	8°♑35'30	3°57'55
min. Earth dist.	-3708 Jan 30 j 08:18	5°♑46'55	0.59809 AU
morning rise	-3708 Feb 03 j 02:51	3°♑05'00	
direct	-3708 Feb 09 j 16:55	1°♑07'22	
desc. node	-3708 Feb 16 j 00:01	2°♑46'47	
morning max el	-3708 Feb 23 j 22:10	8°♑45'29	27°09'38
	-3708 Mar 11 j 03:26	0°♒	
morning set	-3708 Mar 25 j 17:43	26°♒57'50	
	-3708 Mar 27 j 04:30	0°♓	
superior conj	-3708 Apr 01 j 21:06	12°♓18'04	0°02'05
minimum elong	-3708 Apr 01 j 21:01	12°♓17'34	0°02'01

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

behind sun begin	-3708 Apr 01 j 16:03	11°♓50'21	
behind sun end	-3708 Apr 02 j 01:59	12°♓44'48	
max. Earth dist.	-3708 Apr 01 j 11:16	11°♓24'12	1.32554 AU
asc. node	-3708 Apr 01 j 16:22	11°♓52'06	
evening rise	-3708 Apr 08 j 21:15	27°♓26'14	
	-3708 Apr 10 j 02:49	0°♈	
	-3708 Apr 27 j 06:26	0°♉	
evening max el	-3708 May 07 j 01:58	11°♉41'50	25°57'50
desc. node	-3708 May 13 j 22:48	16°♉55'18	
retrograde	-3708 May 21 j 03:58	18°♉57'33	
evening set	-3708 May 27 j 03:33	17°♉30'27	
min. Earth dist.	-3708 May 31 j 14:28	14°♉47'58	0.58841 AU
inferior conj	-3708 Jun 03 j 22:48	12°♉18'40	-4°-15'-7
minimum elong	-3708 Jun 03 j 20:44	12°♉22'33	4°14'54
morning rise	-3708 Jun 11 j 17:46	7°♉52'17	
direct	-3708 Jun 14 j 05:14	7°♉31'44	
morning max el	-3708 Jun 22 j 04:11	11°♉18'12	18°34'18
asc. node	-3708 Jun 28 j 15:54	19°♉33'47	
	-3708 Jul 04 j 16:09	0°♊	
morning set	-3708 Jul 08 j 09:08	7°♊03'39	
superior conj	-3708 Jul 17 j 09:28	24°♊18'33	1°48'50
minimum elong	-3708 Jul 17 j 10:04	24°♊21'22	1°48'59
	-3708 Jul 20 j 11:36	0°♋	
max. Earth dist.	-3708 Jul 24 j 14:49	7°♋22'27	1.39755 AU
evening rise	-3708 Jul 28 j 21:57	14°♋44'42	
	-3708 Aug 07 j 09:02	0°♌	
desc. node	-3708 Aug 09 j 21:53	3°♌52'36	
	-3708 Aug 29 j 01:47	0°♍	
evening max el	-3708 Sep 01 j 22:24	4°♍10'50	23°47'14
retrograde	-3708 Sep 12 j 15:55	10°♍30'46	
evening set	-3708 Sep 17 j 19:15	8°♍21'50	
min. Earth dist.	-3708 Sep 22 j 16:49	2°♍38'26	0.67378 AU
inferior conj	-3708 Sep 23 j 03:54	2°♍00'40	0°-29'-59
minimum elong	-3708 Sep 23 j 04:36	1°♍58'16	0°29'38
asc. node	-3708 Sep 24 j 14:59	0°♍02'52	
	-3708 Sep 24 j 15:52	30°℞♌	
morning rise	-3708 Sep 28 j 14:06	25°♌49'19	
direct	-3708 Oct 02 j 13:02	24°♌20'58	
morning max el	-3708 Oct 10 j 22:05	29°♌16'24	20°59'04
	-3708 Oct 11 j 14:49	0°♍	
greatest brilliancy	-3708 Oct 16 j 15:02	5°♍58'31	-0.5m
	-3708 Nov 02 j 08:11	0°♎	
desc. node	-3708 Nov 05 j 21:36	5°♎26'17	
morning set	-3708 Nov 09 j 13:37	11°♎07'24	
max. Earth dist.	-3708 Nov 18 j 04:42	24°♎51'58	1.42730 AU
	-3708 Nov 21 j 07:46	0°♏	
superior conj	-3708 Nov 25 j 01:18	6°♏14'40	-1°-42'-31
minimum elong	-3708 Nov 24 j 20:15	5°♏53'18	1°42'16
evening rise	-3708 Dec 06 j 19:24	26°♏46'47	
	-3708 Dec 08 j 14:39	0°♐	
asc. node	-3708 Dec 21 j 13:58	20°♐59'49	
evening max el	-3708 Dec 23 j 16:01	23°♐20'03	18°07'53
retrograde	-3708 Dec 30 j 07:51	26°♐47'55	
evening set	-3707 Jan 01 j 23:37	26°♐14'38	
inferior conj	-3707 Jan 08 j 14:10	21°♐08'44	4°00'23
minimum elong	-3707 Jan 08 j 13:03	21°♐11'30	4°00'10
min. Earth dist.	-3707 Jan 11 j 12:41	18°♐15'10	0.61803 AU
morning rise	-3707 Jan 15 j 00:12	15°♐19'51	
direct	-3707 Jan 22 j 00:36	12°♐50'11	
desc. node	-3707 Feb 01 j 21:06	17°♐42'51	
morning max el	-3707 Feb 05 j 01:09	20°♐34'34	27°40'48
	-3707 Feb 13 j 05:30	0°♑	
	-3707 Mar 04 j 00:56	0°♒	
morning set	-3707 Mar 09 j 22:55	11°♒35'29	
max. Earth dist.	-3707 Mar 15 j 22:33	24°♒12'33	1.32751 AU
superior conj	-3707 Mar 17 j 07:47	27°♒12'40	0°-23'-9
minimum elong	-3707 Mar 17 j 08:50	27°♒18'21	0°23'02
	-3707 Mar 18 j 14:32	0°♓	
asc. node	-3707 Mar 19 j 13:22	2°♓04'16	
evening rise	-3707 Mar 24 j 08:33	12°♓23'34	
	-3707 Apr 02 j 08:50	0°♈	
evening max el	-3707 Apr 18 j 19:02	22°♈39'47	24°35'19
desc. node	-3707 Apr 30 j 19:55	29°♈34'31	
retrograde	-3707 May 02 j 18:08	29°♈43'06	
evening set	-3707 May 07 j 11:13	28°♈52'48	
min. Earth dist.	-3707 May 13 j 07:02	25°♈54'34	0.56978 AU
inferior conj	-3707 May 16 j 02:16	24°♈05'46	-3°-37'-22
minimum elong	-3707 May 15 j 20:55	24°♈14'30	3°36'17
morning rise	-3707 May 24 j 10:46	19°♈58'35	
direct	-3707 May 26 j 22:07	19°♈41'33	
morning max el	-3707 Jun 05 j 04:24	23°♈59'54	19°23'41
	-3707 Jun 10 j 07:18	0°♉	
asc. node	-3707 Jun 15 j 12:56	8°♉21'00	
morning set	-3707 Jun 22 j 08:07	21°♉17'34	
	-3707 Jun 26 j 16:30	0°♊	
superior conj	-3707 Jun 30 j 13:52	7°♊42'11	1°46'33
minimum elong	-3707 Jun 30 j 12:32	7°♊35'39	1°46'37
max. Earth dist.	-3707 Jul 06 j 16:28	19°♊19'13	1.37814 AU
evening rise	-3707 Jul 10 j 14:01	26°♊21'47	
	-3707 Jul 12 j 15:55	0°♋	
desc. node	-3707 Jul 27 j 18:54	24°♋07'29	
	-3707 Jul 31 j 21:33	0°♌	
evening max el	-3707 Aug 15 j 09:13	17°♌40'51	25°05'18
retrograde	-3707 Aug 27 j 03:54	24°♌31'48	
evening set	-3707 Sep 01 j 22:18	22°♌04'44	
min. Earth dist.	-3707 Sep 06 j 10:51	16°♌57'02	0.67015 AU
inferior conj	-3707 Sep 07 j 08:40	15°♌45'12	-1°-23'-18
minimum elong	-3707 Sep 07 j 10:37	15°♌38'46	1°22'25
asc. node	-3707 Sep 11 j 12:05	10°♌52'21	
morning rise	-3707 Sep 12 j 23:22	9°♌41'17	
direct	-3707 Sep 16 j 10:50	8°♌31'13	
morning max el	-3707 Sep 23 j 23:04	12°♌51'25	19°50'43
greatest brilliancy	-3707 Oct 01 j 19:52	22°♌43'06	-0.6m
	-3707 Oct 06 j 19:56	0°♍	
morning set	-3707 Oct 19 j 11:58	19°♍21'44	
desc. node	-3707 Oct 23 j 18:33	26°♍00'47	
	-3707 Oct 26 j 07:40	0°♎	
max. Earth dist.	-3707 Oct 31 j 16:10	8°♎27'41	1.44080 AU
superior conj	-3707 Nov 05 j 05:06	15°♎44'27	-1°-13'-51
minimum elong	-3707 Nov 04 j 22:00	15°♎15'47	1°13'09
	-3707 Nov 13 j 21:10	0°♏	
evening rise	-3707 Nov 18 j 21:01	8°♏25'37	
	-3707 Dec 01 j 23:27	0°♐	
evening max el	-3707 Dec 07 j 04:39	6°♐37'36	18°17'52
asc. node	-3707 Dec 08 j 11:01	7°♐48'49	
retrograde	-3707 Dec 13 j 17:46	10°♐10'40	
evening set	-3707 Dec 16 j 13:19	9°♐28'46	
inferior conj	-3707 Dec 22 j 18:06	4°♐02'51	3°42'45
minimum elong	-3707 Dec 22 j 15:29	4°♐10'05	3°42'12
min. Earth dist.	-3707 Dec 25 j 02:34	1°♐26'55	0.63593 AU
	-3707 Dec 26 j 12:06	30°℞♏	
morning rise	-3707 Dec 28 j 16:04	28°♏03'06	
direct	-3706 Jan 04 j 16:17	25°♏15'40	
	-3706 Jan 15 j 01:14	0°♐	
morning max el	-3706 Jan 18 j 08:36	3°♐00'21	27°35'40
desc. node	-3706 Jan 19 j 18:08	4°♐25'51	
	-3706 Feb 07 j 14:01	0°♑	
morning set	-3706 Feb 21 j 21:25	25°♑49'07	
	-3706 Feb 23 j 23:12	0°♒	
max. Earth dist.	-3706 Feb 27 j 03:42	6°♒36'37	1.33331 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3706 Mar 01 j 15:40	11°♒55'02	0°-48'-3
minimum elong	-3706 Mar 01 j 17:46	12°♒06'20	0°47'47
asc. node	-3706 Mar 06 j 10:22	22°♒11'03	
evening rise	-3706 Mar 08 j 20:05	27°♒17'19	
	-3706 Mar 10 j 03:18	0°♓	
	-3706 Mar 28 j 06:34	0°♈	
evening max el	-3706 Mar 31 j 11:16	3°♈22'40	23°01'42
retrograde	-3706 Apr 13 j 19:23	9°♈56'51	
evening set	-3706 Apr 17 j 05:09	9°♈31'29	
desc. node	-3706 Apr 17 j 17:01	9°♈23'46	
min. Earth dist.	-3706 Apr 24 j 21:36	6°♈06'02	0.55650 AU
inferior conj	-3706 Apr 26 j 10:39	5°♈12'07	-2°-18'-59
minimum elong	-3706 Apr 26 j 05:06	5°♈20'13	2°17'20
morning rise	-3706 May 05 j 07:54	1°♈14'56	
direct	-3706 May 07 j 21:11	0°♈59'18	
morning max el	-3706 May 18 j 18:30	6°♈03'47	20°33'10
asc. node	-3706 Jun 02 j 09:57	27°♈39'12	
	-3706 Jun 03 j 14:57	0°♉	
morning set	-3706 Jun 06 j 13:33	5°♉54'06	
superior conj	-3706 Jun 14 j 06:27	21°♉44'41	1°36'47
minimum elong	-3706 Jun 14 j 04:04	21°♉32'33	1°36'41
	-3706 Jun 18 j 09:35	0°♊	
max. Earth dist.	-3706 Jun 18 j 23:08	1°♊06'09	1.36076 AU
evening rise	-3706 Jun 23 j 03:50	9°♊05'01	
	-3706 Jul 05 j 07:14	0°♋	
desc. node	-3706 Jul 14 j 15:56	14°♋01'23	
	-3706 Jul 27 j 15:02	0°♌	
evening max el	-3706 Jul 28 j 20:16	1°♌13'10	26°12'41
retrograde	-3706 Aug 10 j 11:09	8°♌23'58	
evening set	-3706 Aug 16 j 19:59	5°♌43'08	
min. Earth dist.	-3706 Aug 21 j 00:14	1°♌13'30	0.66324 AU
	-3706 Aug 21 j 23:53	30°℞♋	
inferior conj	-3706 Aug 22 j 09:54	29°♋28'44	-2°-14'-35
minimum elong	-3706 Aug 22 j 12:56	29°♋19'16	2°13'22
morning rise	-3706 Aug 28 j 06:41	23°♋35'38	
asc. node	-3706 Aug 29 j 09:11	23°♋03'22	
direct	-3706 Aug 31 j 09:04	22°♋40'31	
morning max el	-3706 Sep 07 j 06:41	26°♋33'46	18°56'54
	-3706 Sep 10 j 06:28	0°♌	
morning set	-3706 Sep 29 j 01:36	28°♌25'40	
	-3706 Sep 30 j 01:27	0°♍	
desc. node	-3706 Oct 10 j 15:30	16°♍41'52	
max. Earth dist.	-3706 Oct 14 j 08:46	22°♍33'25	1.44778 AU
superior conj	-3706 Oct 15 j 10:11	24°♍13'39	0°-30'-3
minimum elong	-3706 Oct 15 j 06:18	23°♍58'20	0°29'32
	-3706 Oct 19 j 01:49	0°♎	
evening rise	-3706 Oct 30 j 23:40	19°♎04'21	
	-3706 Nov 06 j 17:32	0°♏	
evening max el	-3706 Nov 20 j 16:24	20°♏01'59	18°45'56
asc. node	-3706 Nov 25 j 08:06	23°♏25'46	
retrograde	-3706 Nov 27 j 10:27	23°♏50'02	
evening set	-3706 Nov 30 j 11:20	22°♏57'40	
inferior conj	-3706 Dec 06 j 08:32	17°♏14'09	3°11'36
minimum elong	-3706 Dec 06 j 05:24	17°♏23'39	3°10'43
min. Earth dist.	-3706 Dec 08 j 02:11	15°♏08'08	0.65054 AU
morning rise	-3706 Dec 11 j 22:23	11°♏06'20	
direct	-3706 Dec 18 j 14:33	8°♏16'28	
morning max el	-3706 Dec 31 j 18:01	15°♏52'57	26°57'42
desc. node	-3705 Jan 06 j 15:10	22°♏25'02	
	-3705 Jan 12 j 11:25	0°♐	
	-3705 Jan 31 j 08:01	0°♑	
morning set	-3705 Feb 05 j 09:55	9°♑27'49	
max. Earth dist.	-3705 Feb 09 j 23:11	18°♑27'11	1.34348 AU
superior conj	-3705 Feb 13 j 18:41	26°♑17'54	-1°-11'-28
minimum elong	-3705 Feb 13 j 21:36	26°♑33'09	1°11'10
	-3705 Feb 15 j 13:02	0°♒	
evening rise	-3705 Feb 21 j 06:04	12°♒00'48	
asc. node	-3705 Feb 21 j 07:22	12°♒07'32	
	-3705 Mar 02 j 15:40	0°♓	
evening max el	-3705 Mar 13 j 08:40	14°♓15'54	21°30'28
retrograde	-3705 Mar 25 j 10:09	20°♓04'06	
evening set	-3705 Mar 27 j 23:46	19°♓49'11	
desc. node	-3705 Apr 04 j 14:08	16°♓45'25	
inferior conj	-3705 Apr 06 j 06:55	15°♓48'36	0°-28'-20
minimum elong	-3705 Apr 06 j 05:35	15°♓50'28	0°27'56
min. Earth dist.	-3705 Apr 06 j 11:24	15°♓42'17	0.55148 AU
morning rise	-3705 Apr 15 j 11:33	11°♓46'10	
direct	-3705 Apr 18 j 09:51	11°♓27'19	
morning max el	-3705 Apr 30 j 21:34	17°♓24'38	22°00'25
	-3705 May 10 j 19:49	0°♈	
asc. node	-3705 May 20 j 06:58	17°♈19'29	
morning set	-3705 May 21 j 23:04	20°♈45'23	
	-3705 May 26 j 08:32	0°♉	
superior conj	-3705 May 29 j 07:26	6°♉13'57	1°21'34
minimum elong	-3705 May 29 j 04:46	5°♉59'55	1°21'17
max. Earth dist.	-3705 Jun 01 j 15:11	13°♉07'05	1.34661 AU
evening rise	-3705 Jun 06 j 09:54	22°♉38'00	
	-3705 Jun 10 j 07:40	0°♊	
	-3705 Jun 28 j 23:59	0°♋	
desc. node	-3705 Jul 01 j 13:00	3°♋24'39	
evening max el	-3705 Jul 11 j 07:48	14°♋39'43	27°01'24
retrograde	-3705 Jul 24 j 13:03	22°♋00'18	
evening set	-3705 Jul 31 j 09:49	19°♋13'25	
min. Earth dist.	-3705 Aug 04 j 06:36	15°♋22'27	0.65262 AU
inferior conj	-3705 Aug 06 j 05:29	13°♋07'25	-3°-1'-42
minimum elong	-3705 Aug 06 j 09:13	12°♋56'37	3°00'27
morning rise	-3705 Aug 12 j 09:53	7°♋28'33	
direct	-3705 Aug 15 j 05:29	6°♋45'12	
asc. node	-3705 Aug 16 j 06:16	6°♋51'00	
morning max el	-3705 Aug 21 j 19:10	10°♋20'10	18°19'27
	-3705 Sep 04 j 09:42	0°♌	
morning set	-3705 Sep 09 j 18:07	8°♌48'41	
	-3705 Sep 22 j 19:50	0°♍	
superior conj	-3705 Sep 24 j 10:49	2°♍34'56	0°19'29
minimum elong	-3705 Sep 24 j 13:15	2°♍44'39	0°19'13
max. Earth dist.	-3705 Sep 27 j 03:20	6°♍50'18	1.44744 AU
desc. node	-3705 Sep 27 j 12:28	7°♍26'22	
evening rise	-3705 Oct 11 j 01:38	28°♍40'45	
	-3705 Oct 11 j 21:56	0°♎	
greatest brilliancy	-3705 Oct 26 j 03:52	21°♎54'58	-0.7m
	-3705 Nov 01 j 00:19	0°♏	
evening max el	-3705 Nov 04 j 00:48	3°♏28'56	19°30'43
retrograde	-3705 Nov 11 j 06:46	7°♏40'51	
asc. node	-3705 Nov 12 j 05:11	7°♏35'49	
evening set	-3705 Nov 14 j 14:55	6°♏35'42	
inferior conj	-3705 Nov 20 j 06:26	0°♏37'40	2°31'17
minimum elong	-3705 Nov 20 j 03:30	0°♏47'10	2°30'15
	-3705 Nov 20 j 18:03	30°℞♎	
min. Earth dist.	-3705 Nov 21 j 10:25	29°♎07'06	0.66147 AU
morning rise	-3705 Nov 25 j 15:21	24°♎24'07	
direct	-3705 Dec 01 j 18:37	21°♎43'55	
morning max el	-3705 Dec 14 j 03:27	29°♎01'08	25°54'14
	-3705 Dec 15 j 02:28	0°♏	
desc. node	-3705 Dec 24 j 12:10	11°♏17'56	
	-3704 Jan 06 j 07:02	0°♐	
morning set	-3704 Jan 19 j 08:11	22°♐19'07	
	-3704 Jan 23 j 10:02	0°♑	
max. Earth dist.	-3704 Jan 23 j 07:15	29°♐46'33	1.35811 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3704 Jan 28 j 14:23	10°♑13'53	-1°-31'-55
minimum elong	-3704 Jan 28 j 17:34	10°♑30'00	1°31'43
evening rise	-3704 Feb 05 j 12:38	26°♑28'05	
	-3704 Feb 07 j 06:31	0°♒	
asc. node	-3704 Feb 08 j 04:23	1°♒48'55	
evening max el	-3704 Feb 23 j 15:38	25°♒39'28	20°11'59
	-3704 Mar 01 j 09:26	0°♓	
retrograde	-3704 Mar 05 j 01:22	0°♓36'10	
evening set	-3704 Mar 07 j 08:28	0°♓22'45	
	-3704 Mar 08 j 20:59	30°℞♒	
inferior conj	-3704 Mar 16 j 04:41	26°♒23'28	1°25'53
minimum elong	-3704 Mar 16 j 08:15	26°♒18'06	1°24'39
min. Earth dist.	-3704 Mar 18 j 01:24	25°♒16'42	0.55583 AU
desc. node	-3704 Mar 21 j 11:14	23°♒25'04	
morning rise	-3704 Mar 25 j 05:31	21°♒58'18	
direct	-3704 Mar 29 j 00:19	21°♒27'00	
morning max el	-3704 Apr 11 j 15:56	28°♒11'23	23°38'32
	-3704 Apr 13 j 11:14	0°♓	
	-3704 May 02 j 15:35	0°♈	
morning set	-3704 May 05 j 10:48	5°♈45'15	
asc. node	-3704 May 06 j 03:59	7°♈15'34	
superior conj	-3704 May 12 j 14:03	21°♈01'13	1°02'21
minimum elong	-3704 May 12 j 11:40	20°♈48'24	1°01'59
max. Earth dist.	-3704 May 14 j 16:46	25°♈31'44	1.33613 AU
	-3704 May 16 j 19:52	0°♉	
evening rise	-3704 May 20 j 03:40	6°♉47'09	
	-3704 Jun 01 j 21:12	0°♊	
desc. node	-3704 Jun 17 j 10:04	22°♊04'17	
evening max el	-3704 Jun 22 j 18:26	27°♊48'35	27°24'17
	-3704 Jun 25 j 04:45	0°♋	
retrograde	-3704 Jul 06 j 09:23	5°♋12'22	
evening set	-3704 Jul 13 j 12:44	2°♋30'53	
	-3704 Jul 16 j 09:51	30°℞♊	
min. Earth dist.	-3704 Jul 17 j 03:56	29°♊14'59	0.63814 AU
inferior conj	-3704 Jul 19 j 16:52	26°♊35'59	-3°-41'-46
minimum elong	-3704 Jul 19 j 20:36	26°♊26'12	3°40'51
morning rise	-3704 Jul 26 j 06:20	21°♊14'41	
direct	-3704 Jul 28 j 21:23	20°♊40'14	
asc. node	-3704 Aug 02 j 03:22	22°♊10'02	
morning max el	-3704 Aug 04 j 09:59	24°♊05'41	17°59'25
	-3704 Aug 09 j 04:09	0°♋	
morning set	-3704 Aug 21 j 12:41	20°♋25'51	
	-3704 Aug 27 j 02:40	0°♌	
superior conj	-3704 Sep 03 j 04:51	11°♌50'01	1°02'07
minimum elong	-3704 Sep 03 j 10:32	12°♌13'19	1°01'34
max. Earth dist.	-3704 Sep 08 j 19:57	20°♌56'51	1.43997 AU
desc. node	-3704 Sep 13 j 09:26	28°♌10'53	
	-3704 Sep 14 j 13:14	0°♍	
evening rise	-3704 Sep 19 j 09:08	7°♍30'38	
	-3704 Oct 04 j 06:25	0°♎	
greatest brilliancy	-3704 Oct 10 j 21:39	9°♎21'33	-0.5m
evening max el	-3704 Oct 17 j 03:54	16°♎55'10	20°30'19
retrograde	-3704 Oct 25 j 04:08	21°♎38'37	
evening set	-3704 Oct 28 j 21:42	20°♎18'13	
asc. node	-3704 Oct 29 j 02:19	20°♎09'41	
inferior conj	-3704 Nov 03 j 09:16	14°♎09'07	1°44'39
minimum elong	-3704 Nov 03 j 07:02	14°♎16'41	1°43'46
min. Earth dist.	-3704 Nov 04 j 01:13	13°♎15'12	0.66892 AU
morning rise	-3704 Nov 08 j 15:53	7°♎52'19	
direct	-3704 Nov 14 j 04:04	5°♎29'24	
morning max el	-3704 Nov 25 j 12:13	12°♎14'50	24°34'21
	-3704 Dec 09 j 19:31	0°♏	
desc. node	-3704 Dec 10 j 09:10	0°♏48'07	
	-3704 Dec 29 j 01:36	0°♐	
morning set	-3704 Dec 31 j 10:35	4°♐06'33	

max. Earth dist.	-3703 Jan 04 j 05:42	10°♐53'13	1.37659 AU
superior conj	-3703 Jan 10 j 23:23	23°♐32'44	-1°-47'-23
minimum elong	-3703 Jan 11 j 01:56	23°♐45'05	1°47'22
	-3703 Jan 14 j 06:29	0°♑	
evening rise	-3703 Jan 19 j 13:28	10°♑31'48	
asc. node	-3703 Jan 25 j 01:25	21°♑08'47	
	-3703 Jan 30 j 06:27	0°♒	
evening max el	-3703 Feb 05 j 09:11	7°♒39'12	19°11'39
retrograde	-3703 Feb 14 j 04:54	11°♒51'57	
evening set	-3703 Feb 16 j 13:09	11°♒35'24	
inferior conj	-3703 Feb 24 j 16:50	7°♒23'47	2°53'58
minimum elong	-3703 Feb 24 j 21:44	7°♒15'24	2°52'40
min. Earth dist.	-3703 Feb 27 j 16:35	5°♒22'14	0.56845 AU
morning rise	-3703 Mar 05 j 02:30	2°♒27'56	
desc. node	-3703 Mar 08 j 08:21	1°♒37'07	
direct	-3703 Mar 10 j 02:21	1°♒29'53	
morning max el	-3703 Mar 24 j 06:57	8°♒46'25	25°15'23
	-3703 Apr 09 j 02:07	0°♓	
morning set	-3703 Apr 19 j 23:00	20°♓47'40	
asc. node	-3703 Apr 23 j 00:59	27°♓22'13	
	-3703 Apr 24 j 06:07	0°♈	
superior conj	-3703 Apr 27 j 00:06	5°♈59'12	0°40'19
minimum elong	-3703 Apr 26 j 22:25	5°♈50'01	0°40'00
max. Earth dist.	-3703 Apr 28 j 01:39	8°♈18'00	1.32926 AU
evening rise	-3703 May 04 j 05:34	21°♈21'26	
	-3703 May 08 j 13:53	0°♉	
	-3703 May 26 j 23:47	0°♊	
desc. node	-3703 Jun 04 j 07:09	9°♊41'58	
evening max el	-3703 Jun 05 j 02:02	10°♊28'00	27°16'12
retrograde	-3703 Jun 18 j 23:32	17°♊51'01	
evening set	-3703 Jun 26 j 01:00	15°♊29'11	
min. Earth dist.	-3703 Jun 29 j 15:28	12°♊38'35	0.62018 AU
inferior conj	-3703 Jul 02 j 17:03	9°♊48'03	-4°-10'-26
minimum elong	-3703 Jul 02 j 19:39	9°♊42'00	4°10'02
morning rise	-3703 Jul 09 j 16:56	4°♊46'55	
direct	-3703 Jul 12 j 05:24	4°♊19'07	
morning max el	-3703 Jul 19 j 00:27	7°♊44'18	17°57'41
asc. node	-3703 Jul 20 j 00:28	8°♊46'30	
	-3703 Aug 02 j 11:35	0°♋	
morning set	-3703 Aug 04 j 04:07	3°♋03'11	
superior conj	-3703 Aug 15 j 02:17	22°♋26'52	1°31'00
minimum elong	-3703 Aug 15 j 07:00	22°♋47'08	1°30'45
	-3703 Aug 19 j 13:11	0°♌	
max. Earth dist.	-3703 Aug 22 j 07:47	4°♌35'35	1.42644 AU
evening rise	-3703 Aug 29 j 15:22	16°♌19'54	
desc. node	-3703 Aug 31 j 06:26	18°♌52'41	
	-3703 Sep 07 j 12:57	0°♍	
greatest brilliancy	-3703 Sep 25 j 02:25	24°♍42'05	-0.4m
	-3703 Sep 29 j 16:42	0°♎	
evening max el	-3703 Sep 30 j 00:53	0°♎21'03	21°41'47
retrograde	-3703 Oct 09 j 00:32	5°♎41'18	
evening set	-3703 Oct 13 j 05:44	4°♎03'17	
asc. node	-3703 Oct 15 j 23:26	1°♎16'48	
	-3703 Oct 16 j 23:42	30°℞♍	
inferior conj	-3703 Oct 18 j 14:58	27°♍46'46	0°53'57
minimum elong	-3703 Oct 18 j 13:45	27°♍50'59	0°53'27
min. Earth dist.	-3703 Oct 18 j 20:07	27°♍28'58	0.67321 AU
morning rise	-3703 Oct 23 j 21:28	21°♍29'34	
direct	-3703 Oct 28 j 18:22	19°♍27'37	
morning max el	-3703 Nov 07 j 21:59	25°♍31'12	23°07'52
	-3703 Nov 11 j 23:11	0°♎	
greatest brilliancy	-3703 Nov 12 j 23:37	1°♎13'29	-0.3m
desc. node	-3703 Nov 27 j 06:09	20°♎45'07	
	-3703 Dec 03 j 08:51	0°♏	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3703 Dec 12 j 10:58	14°♏34'51	
max. Earth dist.	-3703 Dec 17 j 01:11	22°♏21'41	1.39723 AU
	-3703 Dec 21 j 09:23	0°♐	
superior conj	-3703 Dec 24 j 17:24	6°♐03'28	-1°-55'-2
minimum elong	-3703 Dec 24 j 17:58	6°♐06'07	1°55'10
evening rise	-3702 Jan 03 j 05:56	24°♐05'17	
	-3702 Jan 06 j 08:27	0°♑	
asc. node	-3702 Jan 11 j 22:28	9°♑59'59	
evening max el	-3702 Jan 19 j 11:44	20°♑11'17	18°31'13
retrograde	-3702 Jan 27 j 02:32	23°♑54'38	
evening set	-3702 Jan 29 j 13:51	23°♑32'26	
inferior conj	-3702 Feb 06 j 01:08	19°♑01'09	3°44'35
minimum elong	-3702 Feb 06 j 04:07	18°♑55'13	3°44'03
min. Earth dist.	-3702 Feb 09 j 10:33	16°♑21'02	0.58660 AU
morning rise	-3702 Feb 13 j 14:48	13°♑39'19	
direct	-3702 Feb 19 j 17:53	12°♑03'23	
desc. node	-3702 Feb 23 j 05:26	12°♑33'39	
morning max el	-3702 Mar 06 j 00:17	19°♑36'34	26°35'52
	-3702 Mar 14 j 20:44	0°♒	
	-3702 Apr 01 j 14:27	0°♓	
morning set	-3702 Apr 04 j 09:58	5°♓45'58	
asc. node	-3702 Apr 09 j 21:58	17°♓34'25	
superior conj	-3702 Apr 11 j 11:42	21°♓00'52	0°16'24
minimum elong	-3702 Apr 11 j 10:59	20°♓56'55	0°16'13
max. Earth dist.	-3702 Apr 11 j 14:26	21°♓15'49	1.32590 AU
	-3702 Apr 15 j 14:48	0°♈	
evening rise	-3702 Apr 18 j 12:49	6°♈11'04	
	-3702 May 01 j 05:09	0°♉	
evening max el	-3702 May 18 j 04:24	22°♉27'44	26°35'15
desc. node	-3702 May 22 j 04:16	25°♉51'09	
retrograde	-3702 Jun 01 j 05:53	29°♉47'00	
evening set	-3702 Jun 07 j 18:14	27°♉58'05	
min. Earth dist.	-3702 Jun 11 j 17:47	25°♉17'19	0.60005 AU
inferior conj	-3702 Jun 15 j 02:26	22°♉34'10	-4°-20'-59
minimum elong	-3702 Jun 15 j 02:25	22°♉34'12	4°20'53
morning rise	-3702 Jun 22 j 14:02	17°♉54'49	
direct	-3702 Jun 25 j 01:31	17°♉31'58	
morning max el	-3702 Jul 02 j 11:34	21°♉07'24	18°15'09
asc. node	-3702 Jul 06 j 21:31	26°♉24'02	
	-3702 Jul 09 j 06:46	0°♊	
morning set	-3702 Jul 18 j 11:00	16°♊26'05	
	-3702 Jul 25 j 16:32	0°♋	
superior conj	-3702 Jul 28 j 01:22	4°♋19'58	1°45'48
minimum elong	-3702 Jul 28 j 03:26	4°♋29'23	1°45'51
max. Earth dist.	-3702 Aug 04 j 13:53	17°♋33'39	1.40873 AU
evening rise	-3702 Aug 09 j 15:02	25°♋59'03	
	-3702 Aug 12 j 02:34	0°♌	
desc. node	-3702 Aug 18 j 03:26	9°♌27'34	
	-3702 Sep 01 j 07:33	0°♍	
greatest brilliancy	-3702 Sep 07 j 11:50	7°♍58'37	-0.3m
evening max el	-3702 Sep 12 j 16:19	13°♍47'20	23°00'49
retrograde	-3702 Sep 22 j 18:23	19°♍45'55	
evening set	-3702 Sep 27 j 13:13	17°♍48'32	
inferior conj	-3702 Oct 02 j 21:39	11°♍28'14	0°00'57
minimum elong	-3702 Oct 02 j 21:37	11°♍28'20	0°00'59
transit middle	-3702 Oct 02 j 21:37	11°♍28'20	0°00'59
transit begin	-3702 Oct 02 j 18:56	11°♍37'37	
transit end	-3702 Oct 03 j 00:19	11°♍19'03	
min. Earth dist.	-3702 Oct 02 j 16:35	11°♍45'42	0.67445 AU
asc. node	-3702 Oct 02 j 20:33	11°♍32'02	
morning rise	-3702 Oct 08 j 05:59	5°♍13'48	
direct	-3702 Oct 12 j 12:33	3°♍33'25	
morning max el	-3702 Oct 21 j 11:54	8°♍52'21	21°43'43
greatest brilliancy	-3702 Oct 26 j 11:35	14°♍34'52	-0.4m
	-3702 Nov 06 j 17:29	0°♎	
desc. node	-3702 Nov 14 j 03:09	11°♎01'06	
morning set	-3702 Nov 22 j 06:42	23°♎40'50	
	-3702 Nov 26 j 05:02	0°♏	
max. Earth dist.	-3702 Nov 29 j 01:31	4°♏41'08	1.41725 AU
superior conj	-3702 Dec 06 j 15:04	17°♏32'48	-1°-51'-20
minimum elong	-3702 Dec 06 j 12:13	17°♏20'24	1°51'20
	-3702 Dec 13 j 14:35	0°♐	
evening rise	-3702 Dec 17 j 10:40	7°♐01'24	
asc. node	-3702 Dec 29 j 19:31	28°♐13'28	
	-3702 Dec 31 j 03:00	0°♑	
evening max el	-3701 Jan 02 j 20:31	3°♑07'31	18°10'46
retrograde	-3701 Jan 09 j 17:38	6°♑36'57	
evening set	-3701 Jan 12 j 07:50	6°♑07'51	
inferior conj	-3701 Jan 19 j 05:08	1°♑14'20	4°01'58
minimum elong	-3701 Jan 19 j 05:21	1°♑13'51	4°01'49
	-3701 Jan 20 j 13:21	30°℞♐	
min. Earth dist.	-3701 Jan 22 j 10:03	28°♐19'13	0.60676 AU
morning rise	-3701 Jan 26 j 00:09	25°♐34'00	
direct	-3701 Feb 01 j 20:17	23°♐21'08	
desc. node	-3701 Feb 10 j 02:31	26°♐12'15	
	-3701 Feb 14 j 21:25	0°♑	
morning max el	-3701 Feb 15 j 23:28	1°♑01'56	27°27'16
	-3701 Mar 08 j 22:33	0°♒	
morning set	-3701 Mar 19 j 17:53	20°♒33'40	
	-3701 Mar 24 j 04:57	0°♓	
max. Earth dist.	-3701 Mar 26 j 03:30	4°♓12'38	1.32596 AU
superior conj	-3701 Mar 26 j 23:13	6°♓00'12	0°-8'-36
minimum elong	-3701 Mar 26 j 23:36	6°♓02'21	0°08'36
behind sun begin	-3701 Mar 26 j 19:21	5°♓39'06	
behind sun end	-3701 Mar 27 j 03:52	6°♓25'36	
asc. node	-3701 Mar 27 j 18:58	7°♓48'08	
evening rise	-3701 Apr 02 j 23:15	21°♓08'19	
	-3701 Apr 07 j 07:36	0°♈	
	-3701 Apr 26 j 10:31	0°♉	
evening max el	-3701 Apr 30 j 00:32	3°♉46'04	25°25'04
desc. node	-3701 May 09 j 01:20	9°♉57'50	
retrograde	-3701 May 14 j 02:11	10°♉57'08	
evening set	-3701 May 19 j 13:39	9°♉46'45	
min. Earth dist.	-3701 May 24 j 12:52	6°♉59'09	0.58009 AU
inferior conj	-3701 May 27 j 17:30	4°♉45'07	-4°-3'-52
minimum elong	-3701 May 27 j 13:52	4°♉51'32	4°03'21
morning rise	-3701 Jun 04 j 18:05	0°♉27'10	
direct	-3701 Jun 07 j 05:33	0°♉08'09	
morning max el	-3701 Jun 15 j 16:28	4°♉06'27	18°52'44
asc. node	-3701 Jun 23 j 18:33	14°♉49'05	
morning set	-3701 Jul 02 j 05:06	0°♊23'57	
	-3701 Jul 02 j 00:12	0°♊	
superior conj	-3701 Jul 10 j 20:40	17°♊14'45	1°48'56
minimum elong	-3701 Jul 10 j 20:20	17°♊13'12	1°49'04
max. Earth dist.	-3701 Jul 17 j 16:13	29°♊50'34	1.38923 AU
	-3701 Jul 17 j 18:20	0°♋	
evening rise	-3701 Jul 21 j 16:31	6°♋52'40	
desc. node	-3701 Aug 05 j 00:26	29°♋51'06	
	-3701 Aug 05 j 02:50	0°♌	
evening max el	-3701 Aug 26 j 04:11	27°♌15'47	24°21'18
	-3701 Aug 29 j 04:05	0°♍	
retrograde	-3701 Sep 06 j 08:36	3°♍49'16	
evening set	-3701 Sep 11 j 18:24	1°♍32'23	
	-3701 Sep 13 j 08:13	30°℞♌	
min. Earth dist.	-3701 Sep 16 j 12:05	26°♌03'57	0.67266 AU
inferior conj	-3701 Sep 17 j 03:35	25°♌11'45	0°-52'-44
minimum elong	-3701 Sep 17 j 04:50	25°♌07'35	0°52'08
asc. node	-3701 Sep 19 j 17:39	21°♌52'03	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3701 Sep 22 j 15:30	19°♌03'16	
direct	-3701 Sep 26 j 09:23	17°♌42'54	
morning max el	-3701 Oct 04 j 08:38	22°♌21'51	20°28'23
	-3701 Oct 10 j 17:07	0°♍	
greatest brilliancy	-3701 Oct 10 j 19:30	0°♍07'56	-0.5m
	-3701 Oct 31 j 00:51	0°♎	
morning set	-3701 Nov 01 j 06:44	1°♎55'40	
desc. node	-3701 Nov 01 j 00:07	1°♎30'02	
max. Earth dist.	-3701 Nov 11 j 09:48	17°♎54'56	1.43379 AU
superior conj	-3701 Nov 17 j 10:50	27°♎47'02	-1°-32'-28
minimum elong	-3701 Nov 17 j 04:27	27°♎20'36	1°32'00
	-3701 Nov 18 j 18:49	0°♏	
evening rise	-3701 Nov 29 j 23:32	19°♏11'13	
	-3701 Dec 06 j 04:34	0°♐	
asc. node	-3701 Dec 16 j 16:35	15°♐37'12	
evening max el	-3701 Dec 17 j 08:32	16°♐18'57	18°09'48
retrograde	-3701 Dec 23 j 22:03	19°♐47'38	
evening set	-3701 Dec 26 j 15:22	19°♐10'43	
inferior conj	-3700 Jan 02 j 01:26	13°♐55'45	3°54'52
minimum elong	-3700 Jan 01 j 23:33	14°♐00'38	3°54'33
min. Earth dist.	-3700 Jan 04 j 18:07	11°♐08'03	0.62602 AU
morning rise	-3700 Jan 08 j 05:51	8°♐01'57	
direct	-3700 Jan 15 j 07:17	5°♐23'12	
desc. node	-3700 Jan 27 j 23:35	11°♐58'08	
morning max el	-3700 Jan 29 j 04:39	13°♐07'36	27°43'00
	-3700 Feb 11 j 18:27	0°♑	
	-3700 Feb 29 j 07:47	0°♒	
morning set	-3700 Mar 02 j 20:34	5°♒02'04	
max. Earth dist.	-3700 Mar 08 j 12:53	16°♒53'12	1.32958 AU
superior conj	-3700 Mar 10 j 08:54	20°♒50'08	0°-33'-49
minimum elong	-3700 Mar 10 j 10:26	20°♒58'20	0°33'37
asc. node	-3700 Mar 13 j 15:57	27°♒58'23	
	-3700 Mar 14 j 14:28	0°♓	
evening rise	-3700 Mar 17 j 10:52	6°♓04'59	
	-3700 Mar 30 j 06:21	0°♈	
evening max el	-3700 Apr 10 j 16:27	14°♈33'43	23°55'52
retrograde	-3700 Apr 24 j 10:30	21°♈26'35	
desc. node	-3700 Apr 24 j 22:25	21°♈26'02	
evening set	-3700 Apr 28 j 13:56	20°♈48'33	
min. Earth dist.	-3700 May 05 j 03:51	17°♈40'22	0.56336 AU
inferior conj	-3700 May 07 j 12:22	16°♈13'42	-3°-9'-2
minimum elong	-3700 May 07 j 06:22	16°♈22'57	3°07'33
morning rise	-3700 May 16 j 02:36	12°♈12'31	
direct	-3700 May 18 j 14:35	11°♈56'19	
morning max el	-3700 May 28 j 12:31	16°♈32'12	19°50'54
	-3700 Jun 07 j 11:52	0°♉	
asc. node	-3700 Jun 09 j 15:34	3°♉50'11	
morning set	-3700 Jun 15 j 07:07	14°♉48'08	
	-3700 Jun 22 j 19:29	0°♊	
superior conj	-3700 Jun 23 j 06:45	0°♊56'11	1°43'11
minimum elong	-3700 Jun 23 j 04:52	0°♊46'48	1°43'12
max. Earth dist.	-3700 Jun 28 j 19:33	11°♊40'36	1.37039 AU
evening rise	-3700 Jul 02 j 18:25	18°♊58'54	
	-3700 Jul 09 j 02:09	0°♋	
desc. node	-3700 Jul 21 j 21:26	19°♋57'45	
	-3700 Jul 29 j 05:50	0°♌	
evening max el	-3700 Aug 07 j 14:50	10°♌46'46	25°35'46
retrograde	-3700 Aug 19 j 18:33	17°♌47'20	
evening set	-3700 Aug 25 j 19:26	15°♌13'24	
min. Earth dist.	-3700 Aug 30 j 04:18	10°♌22'00	0.66763 AU
inferior conj	-3700 Aug 31 j 07:04	8°♌55'47	-1°-45'-26
minimum elong	-3700 Aug 31 j 09:30	8°♌47'55	1°44'23
asc. node	-3700 Sep 05 j 14:45	3°♌12'15	
morning rise	-3700 Sep 06 j 00:11	2°♌56'23	
direct	-3700 Sep 09 j 07:31	1°♌53'08	
morning max el	-3700 Sep 16 j 12:42	6°♌00'34	19°26'02
greatest brilliancy	-3700 Sep 26 j 00:14	18°♌21'07	-0.7m
	-3700 Oct 03 j 16:22	0°♍	
morning set	-3700 Oct 10 j 09:15	10°♍25'04	
desc. node	-3700 Oct 17 j 21:05	22°♍07'50	
	-3700 Oct 22 j 21:07	0°♎	
max. Earth dist.	-3700 Oct 24 j 00:16	1°♎47'20	1.44459 AU
superior conj	-3700 Oct 27 j 03:36	6°♎46'35	0°-56'-46
minimum elong	-3700 Oct 26 j 21:09	6°♎20'53	0°56'01
	-3700 Nov 10 j 09:43	0°♏	
evening rise	-3700 Nov 10 j 15:57	0°♏25'58	
evening max el	-3700 Nov 29 j 21:04	29°♏39'46	18°27'35
	-3700 Nov 30 j 05:07	0°♐	
asc. node	-3700 Dec 02 j 13:40	1°♐57'37	
retrograde	-3700 Dec 06 j 11:29	3°♐18'25	
evening set	-3700 Dec 09 j 09:01	2°♐32'21	
	-3700 Dec 12 j 15:45	30°℞♏	
inferior conj	-3700 Dec 15 j 10:18	26°♏58'20	3°30'56
minimum elong	-3700 Dec 15 j 07:22	27°♏06'49	3°30'13
min. Earth dist.	-3700 Dec 17 j 12:19	24°♏34'11	0.64255 AU
morning rise	-3700 Dec 21 j 04:22	20°♏54'36	
direct	-3700 Dec 28 j 01:45	18°♏04'39	
morning max el	-3699 Jan 10 j 13:34	25°♏47'18	27°23'12
desc. node	-3699 Jan 13 j 20:39	29°♏16'56	
	-3699 Jan 14 j 11:48	0°♐	
	-3699 Feb 04 j 06:06	0°♑	
morning set	-3699 Feb 14 j 15:17	19°♑02'21	
max. Earth dist.	-3699 Feb 19 j 14:30	29°♑04'27	1.33716 AU
	-3699 Feb 20 j 01:12	0°♒	
superior conj	-3699 Feb 22 j 14:59	5°♒24'45	0°-58'-15
minimum elong	-3699 Feb 22 j 17:29	5°♒38'00	0°57'56
asc. node	-3699 Feb 28 j 12:56	18°♒01'03	
evening rise	-3699 Mar 01 j 21:59	20°♒54'57	
	-3699 Mar 06 j 09:27	0°♓	
evening max el	-3699 Mar 23 j 09:55	25°♓16'47	22°21'40
	-3699 Mar 29 j 21:52	0°♈	
retrograde	-3699 Apr 05 j 06:57	1°♈33'44	
evening set	-3699 Apr 08 j 06:16	1°♈14'16	
desc. node	-3699 Apr 11 j 19:32	0°♈04'54	
	-3699 Apr 12 j 00:05	30°℞♓	
min. Earth dist.	-3699 Apr 16 j 17:54	27°♓33'00	0.55326 AU
inferior conj	-3699 Apr 17 j 14:11	27°♓04'11	-1°-34'-35
minimum elong	-3699 Apr 17 j 10:00	27°♓10'08	1°33'14
morning rise	-3699 Apr 26 j 15:40	23°♓07'14	
direct	-3699 Apr 29 j 07:19	22°♓51'11	
morning max el	-3699 May 10 j 21:58	28°♓17'46	21°08'30
	-3699 May 12 j 14:58	0°♈	
asc. node	-3699 May 27 j 12:34	23°♈18'12	
morning set	-3699 May 30 j 14:30	29°♈31'17	
	-3699 May 30 j 20:05	0°♉	
superior conj	-3699 Jun 07 j 03:18	15°♉11'10	1°30'53
minimum elong	-3699 Jun 07 j 00:43	14°♉57'48	1°30'43
max. Earth dist.	-3699 Jun 11 j 05:34	23°♉29'27	1.35423 AU
	-3699 Jun 14 j 13:33	0°♊	
evening rise	-3699 Jun 15 j 15:44	2°♊04'35	
	-3699 Jul 02 j 01:38	0°♋	
desc. node	-3699 Jul 08 j 18:27	9°♋39'41	
evening max el	-3699 Jul 21 j 01:51	24°♋16'29	26°36'10
	-3699 Jul 28 j 11:47	0°♌	
retrograde	-3699 Aug 02 j 23:43	1°♌33'27	
	-3699 Aug 07 j 23:34	30°℞♋	
evening set	-3699 Aug 09 j 14:06	28°♋48'34	
min. Earth dist.	-3699 Aug 13 j 14:54	24°♋35'41	0.65910 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3699 Aug 15 j 06:08	22°♋37'11	-2°-35'-16
minimum elong	-3699 Aug 15 j 09:32	22°♋26'54	2°34'00
morning rise	-3699 Aug 21 j 06:01	16°♋49'57	
asc. node	-3699 Aug 23 j 11:52	16°♋03'19	
direct	-3699 Aug 24 j 05:07	16°♋00'25	
morning max el	-3699 Aug 30 j 22:43	19°♋45'04	18°38'58
	-3699 Sep 07 j 18:36	0°♌	
morning set	-3699 Sep 20 j 09:40	20°♌00'33	
	-3699 Sep 26 j 15:28	0°♍	
desc. node	-3699 Oct 04 j 18:01	12°♍50'25	
superior conj	-3699 Oct 06 j 03:52	15°♍03'46	0°-8'-58
minimum elong	-3699 Oct 06 j 02:40	14°♍59'05	0°08'47
behind sun begin	-3699 Oct 05 j 16:58	14°♍20'49	
behind sun end	-3699 Oct 06 j 12:23	15°♍37'22	
max. Earth dist.	-3699 Oct 06 j 17:37	15°♍57'58	1.44845 AU
	-3699 Oct 15 j 15:18	0°♎	
evening rise	-3699 Oct 22 j 07:56	10°♎36'56	
	-3699 Nov 03 j 14:28	0°♏	
evening max el	-3699 Nov 13 j 07:35	13°♏04'54	19°03'04
asc. node	-3699 Nov 19 j 10:46	16°♏58'49	
retrograde	-3699 Nov 20 j 06:06	17°♏02'29	
evening set	-3699 Nov 23 j 09:42	16°♏05'09	
inferior conj	-3699 Nov 29 j 04:16	10°♏15'08	2°55'28
minimum elong	-3699 Nov 29 j 01:09	10°♏24'54	2°54'29
min. Earth dist.	-3699 Nov 30 j 16:00	8°♏23'32	0.65559 AU
morning rise	-3699 Dec 04 j 15:38	4°♏04'20	
direct	-3699 Dec 11 j 02:41	1°♏17'07	
morning max el	-3699 Dec 23 j 23:15	8°♏47'53	26°33'18
desc. node	-3699 Dec 31 j 17:41	17°♏41'03	
	-3698 Jan 09 j 16:10	0°♐	
	-3698 Jan 27 j 15:54	0°♑	
morning set	-3698 Jan 28 j 22:24	2°♑23'02	
max. Earth dist.	-3698 Feb 02 j 05:02	10°♑39'53	1.34911 AU
superior conj	-3698 Feb 06 j 15:16	19°♑37'19	-1°-20'-38
minimum elong	-3698 Feb 06 j 18:24	19°♑53'23	1°20'20
	-3698 Feb 11 j 14:52	0°♒	
evening rise	-3698 Feb 14 j 06:46	5°♒32'14	
asc. node	-3698 Feb 15 j 09:58	7°♒51'47	
	-3698 Feb 28 j 00:00	0°♓	
evening max el	-3698 Mar 05 j 11:11	6°♓22'11	20°55'09
retrograde	-3698 Mar 16 j 20:35	11°♓48'22	
evening set	-3698 Mar 19 j 05:43	11°♓35'01	
inferior conj	-3698 Mar 28 j 09:27	7°♓37'18	0°21'39
minimum elong	-3698 Mar 28 j 10:27	7°♓35'53	0°21'15
min. Earth dist.	-3698 Mar 29 j 08:11	7°♓04'49	0.55216 AU
desc. node	-3698 Mar 29 j 16:39	6°♓52'47	
morning rise	-3698 Apr 06 j 13:58	3°♓26'31	
direct	-3698 Apr 09 j 19:21	3°♓03'52	
morning max el	-3698 Apr 22 j 21:03	9°♓23'29	22°41'22
	-3698 May 07 j 16:26	0°♈	
asc. node	-3698 May 14 j 09:34	13°♈06'07	
morning set	-3698 May 15 j 01:13	14°♈27'21	
superior conj	-3698 May 22 j 07:04	29°♈49'48	1°13'49
minimum elong	-3698 May 22 j 04:27	29°♈35'57	1°13'30
	-3698 May 22 j 08:59	0°♉	
max. Earth dist.	-3698 May 25 j 01:41	5°♉39'44	1.34169 AU
evening rise	-3698 May 30 j 03:22	15°♉55'23	
	-3698 Jun 06 j 16:32	0°♊	
desc. node	-3698 Jun 25 j 15:30	28°♊46'33	
	-3698 Jun 26 j 15:10	0°♋	
evening max el	-3698 Jul 03 j 13:18	7°♋37'27	27°14'41
retrograde	-3698 Jul 16 j 23:34	15°♋00'34	
evening set	-3698 Jul 23 j 23:44	12°♋14'29	
min. Earth dist.	-3698 Jul 27 j 17:48	8°♋38'57	0.64689 AU
inferior conj	-3698 Jul 29 j 22:36	6°♋12'35	-3°-19'-48
minimum elong	-3698 Jul 30 j 02:27	6°♋01'53	3°18'40
morning rise	-3698 Aug 05 j 06:41	0°♋40'38	
direct	-3698 Aug 08 j 00:00	0°♋01'29	
asc. node	-3698 Aug 10 j 08:58	0°♋31'08	
morning max el	-3698 Aug 14 j 12:30	3°♋31'44	18°08'40
	-3698 Sep 01 j 00:22	0°♌	
morning set	-3698 Sep 01 j 13:45	0°♌56'14	
superior conj	-3698 Sep 15 j 09:42	23°♌41'34	0°39'00
minimum elong	-3698 Sep 15 j 14:07	23°♌59'19	0°38'32
	-3698 Sep 19 j 08:35	0°♍	
max. Earth dist.	-3698 Sep 19 j 11:14	0°♍10'31	1.44509 AU
desc. node	-3698 Sep 21 j 14:58	3°♍35'02	
evening rise	-3698 Oct 02 j 00:28	19°♍48'50	
	-3698 Oct 08 j 14:56	0°♎	
greatest brilliancy	-3698 Oct 20 j 01:53	17°♎05'45	-0.6m
evening max el	-3698 Oct 27 j 13:57	26°♎31'32	19°54'32
	-3698 Oct 31 j 20:45	0°♏	
retrograde	-3698 Nov 04 j 03:01	0°♏55'54	
asc. node	-3698 Nov 06 j 07:54	0°♏27'44	
	-3698 Nov 07 j 05:21	30°℞♎	
evening set	-3698 Nov 07 j 14:53	29°♎44'42	
inferior conj	-3698 Nov 13 j 04:32	23°♎41'48	2°12'08
minimum elong	-3698 Nov 13 j 01:51	23°♎50'42	2°11'07
min. Earth dist.	-3698 Nov 14 j 03:19	22°♎26'34	0.66506 AU
morning rise	-3698 Nov 18 j 12:10	17°♎26'35	
direct	-3698 Nov 24 j 09:18	14°♎52'42	
morning max el	-3698 Dec 06 j 08:07	21°♎57'59	25°21'37
	-3698 Dec 13 j 09:26	0°♏	
desc. node	-3698 Dec 18 j 14:43	6°♏51'08	
	-3697 Jan 02 j 22:36	0°♐	
morning set	-3697 Jan 11 j 12:59	14°♐48'59	
max. Earth dist.	-3697 Jan 15 j 08:03	21°♐48'14	1.36551 AU
	-3697 Jan 19 j 14:34	0°♑	
superior conj	-3697 Jan 21 j 06:55	3°♑18'53	-1°-39'-15
minimum elong	-3697 Jan 21 j 09:58	3°♑34'04	1°39'07
evening rise	-3697 Jan 29 j 11:11	19°♑50'04	
asc. node	-3697 Feb 02 j 07:01	27°♑24'46	
	-3697 Feb 03 j 15:39	0°♒	
evening max el	-3697 Feb 15 j 22:55	18°♒01'55	19°44'02
retrograde	-3697 Feb 25 j 15:24	22°♒37'48	
evening set	-3697 Feb 27 j 22:40	22°♒23'25	
inferior conj	-3697 Mar 08 j 12:09	18°♒20'33	2°07'34
minimum elong	-3697 Mar 08 j 16:49	18°♒13'13	2°06'05
min. Earth dist.	-3697 Mar 10 j 22:36	16°♒49'09	0.56034 AU
desc. node	-3697 Mar 16 j 13:47	13°♒57'40	
morning rise	-3697 Mar 17 j 07:39	13°♒42'36	
direct	-3697 Mar 21 j 14:39	13°♒01'28	
morning max el	-3697 Apr 04 j 13:05	20°♒01'35	24°20'38
	-3697 Apr 12 j 23:27	0°♓	
morning set	-3697 Apr 29 j 13:23	29°♓29'07	
	-3697 Apr 29 j 19:15	0°♈	
asc. node	-3697 May 01 j 06:35	3°♈07'14	
superior conj	-3697 May 06 j 15:24	14°♈42'32	0°53'19
minimum elong	-3697 May 06 j 13:16	14°♈31'00	0°52'57
max. Earth dist.	-3697 May 08 j 06:54	18°♈15'11	1.33285 AU
	-3697 May 13 j 21:42	0°♉	
evening rise	-3697 May 14 j 01:03	0°♉16'56	
	-3697 May 30 j 17:29	0°♊	
desc. node	-3697 Jun 12 j 12:36	17°♊02'34	
evening max el	-3697 Jun 15 j 23:12	20°♊36'07	27°24'50
retrograde	-3697 Jun 29 j 17:13	27°♊59'09	
evening set	-3697 Jul 06 j 20:54	25°♊24'39	
min. Earth dist.	-3697 Jul 10 j 11:10	22°♊20'44	0.63092 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3697 Jul 13 j 05:39	19°♊35'18	-3°-55'-40
minimum elong	-3697 Jul 13 j 09:05	19°♊26'46	3°54'58
morning rise	-3697 Jul 19 j 23:22	14°♊21'56	
direct	-3697 Jul 22 j 13:08	13°♊50'28	
asc. node	-3697 Jul 28 j 06:02	16°♊24'46	
morning max el	-3697 Jul 29 j 03:27	17°♊14'38	17°56'18
	-3697 Aug 07 j 05:59	0°♋	
morning set	-3697 Aug 14 j 17:56	13°♋01'07	
	-3697 Aug 24 j 13:05	0°♌	
superior conj	-3697 Aug 26 j 14:59	3°♌29'54	1°16'11
minimum elong	-3697 Aug 26 j 20:38	3°♌53'32	1°15'44
max. Earth dist.	-3697 Sep 02 j 02:21	14°♌08'04	1.43492 AU
desc. node	-3697 Sep 08 j 11:57	24°♌18'44	
evening rise	-3697 Sep 11 j 04:57	28°♌32'01	
	-3697 Sep 12 j 03:41	0°♍	
	-3697 Oct 02 j 11:23	0°♎	
greatest brilliancy	-3697 Oct 05 j 01:13	3°♎25'34	-0.5m
evening max el	-3697 Oct 10 j 14:35	9°♎58'00	20°59'35
retrograde	-3697 Oct 19 j 00:03	14°♎56'04	
evening set	-3697 Oct 22 j 22:25	13°♎28'20	
asc. node	-3697 Oct 24 j 05:01	12°♎22'05	
inferior conj	-3697 Oct 28 j 08:48	7°♎15'50	1°23'31
minimum elong	-3697 Oct 28 j 06:58	7°♎22'07	1°22'46
min. Earth dist.	-3697 Oct 28 j 20:02	6°♎37'27	0.67114 AU
morning rise	-3697 Nov 02 j 15:08	0°♎58'47	
	-3697 Nov 03 j 22:00	30°℞♍	
direct	-3697 Nov 07 j 20:51	28°♍44'30	
	-3697 Nov 12 j 05:20	0°♎	
morning max el	-3697 Nov 18 j 16:51	5°♎12'14	23°57'52
desc. node	-3697 Dec 05 j 11:42	26°♎33'53	
	-3697 Dec 07 j 20:08	0°♏	
morning set	-3697 Dec 24 j 04:59	26°♏04'05	
	-3697 Dec 26 j 11:29	0°♐	
max. Earth dist.	-3697 Dec 28 j 04:30	3°♐00'51	1.38525 AU
superior conj	-3696 Jan 04 j 10:11	16°♐19'08	-1°-51'-47
minimum elong	-3696 Jan 04 j 12:05	16°♐28'09	1°51'51
	-3696 Jan 11 j 11:35	0°♑	
evening rise	-3696 Jan 13 j 08:51	3°♑42'01	
asc. node	-3696 Jan 20 j 04:05	16°♑33'34	
	-3696 Jan 29 j 13:55	0°♒	
evening max el	-3696 Jan 29 j 20:35	0°♒16'14	18°52'00
retrograde	-3696 Feb 07 j 02:29	4°♒14'33	
evening set	-3696 Feb 09 j 12:09	3°♒55'40	
	-3696 Feb 16 j 19:16	30°℞♑	
inferior conj	-3696 Feb 17 j 08:35	29°♑35'54	3°19'58
minimum elong	-3696 Feb 17 j 12:57	29°♑27'59	3°18'59
min. Earth dist.	-3696 Feb 20 j 14:21	27°♑15'47	0.57572 AU
morning rise	-3696 Feb 25 j 09:59	24°♑28'28	
direct	-3696 Mar 01 j 22:17	23°♑15'17	
desc. node	-3696 Mar 02 j 10:54	23°♑15'57	
	-3696 Mar 15 j 11:42	0°♒	
morning max el	-3696 Mar 16 j 04:21	0°♒39'24	25°52'28
	-3696 Apr 05 j 17:26	0°♓	
morning set	-3696 Apr 13 j 01:17	14°♓30'38	
asc. node	-3696 Apr 17 j 03:35	23°♓16'41	
superior conj	-3696 Apr 20 j 02:19	29°♓42'38	0°30'23
minimum elong	-3696 Apr 20 j 01:01	29°♓35'30	0°30'05
	-3696 Apr 20 j 05:30	0°♈	
max. Earth dist.	-3696 Apr 20 j 18:06	1°♈08'49	1.32751 AU
evening rise	-3696 Apr 27 j 05:32	14°♈58'44	
	-3696 May 04 j 22:21	0°♉	
	-3696 May 25 j 06:50	0°♊	
evening max el	-3696 May 28 j 04:52	2°♊59'28	27°02'33
desc. node	-3696 May 29 j 09:41	4°♊06'10	
retrograde	-3696 Jun 11 j 03:55	10°♊20'22	
evening set	-3696 Jun 18 j 01:30	8°♊11'10	
min. Earth dist.	-3696 Jun 21 j 18:23	5°♊27'01	0.61188 AU
inferior conj	-3696 Jun 24 j 23:58	2°♊37'13	-4°-17'-38
minimum elong	-3696 Jun 25 j 01:38	2°♊33'32	4°17'24
	-3696 Jun 28 j 03:58	30°℞♉	
morning rise	-3696 Jul 02 j 04:41	27°♉45'13	
direct	-3696 Jul 04 j 16:44	27°♉19'32	
	-3696 Jul 10 j 20:05	0°♊	
morning max el	-3696 Jul 11 j 16:48	0°♊47'16	18°02'41
asc. node	-3696 Jul 14 j 03:05	3°♊28'41	
morning set	-3696 Jul 27 j 16:31	25°♊59'13	
	-3696 Jul 29 j 20:46	0°♋	
superior conj	-3696 Aug 06 j 23:52	14°♋40'34	1°38'54
minimum elong	-3696 Aug 07 j 03:31	14°♋56'36	1°38'47
max. Earth dist.	-3696 Aug 14 j 12:16	27°♋32'25	1.41932 AU
	-3696 Aug 15 j 23:55	0°♌	
evening rise	-3696 Aug 20 j 16:44	7°♌37'01	
desc. node	-3696 Aug 25 j 08:56	14°♌57'50	
	-3696 Sep 04 j 09:10	0°♍	
greatest brilliancy	-3696 Sep 17 j 15:18	18°♍02'43	-0.3m
evening max el	-3696 Sep 22 j 08:59	23°♍23'19	22°14'49
retrograde	-3696 Oct 01 j 19:30	28°♍59'49	
evening set	-3696 Oct 06 j 06:24	27°♍13'25	
asc. node	-3696 Oct 10 j 02:08	23°♍00'46	
inferior conj	-3696 Oct 11 j 15:05	20°♍54'46	0°31'36
minimum elong	-3696 Oct 11 j 14:21	20°♍57'17	0°31'19
min. Earth dist.	-3696 Oct 11 j 15:46	20°♍52'23	0.67410 AU
morning rise	-3696 Oct 16 j 22:10	14°♍38'36	
direct	-3696 Oct 21 j 12:44	12°♍46'09	
morning max el	-3696 Oct 31 j 04:04	18°♍30'19	22°31'25
greatest brilliancy	-3696 Nov 04 j 20:47	23°♍47'38	-0.3m
	-3696 Nov 09 j 16:41	0°♎	
desc. node	-3696 Nov 21 j 08:40	16°♎39'25	
	-3696 Nov 30 j 00:26	0°♏	
morning set	-3696 Dec 03 j 16:58	5°♏55'40	
max. Earth dist.	-3696 Dec 09 j 01:48	14°♏50'34	1.40598 AU
superior conj	-3696 Dec 16 j 20:08	28°♏24'36	-1°-55'-5
minimum elong	-3696 Dec 16 j 19:25	28°♏21'19	1°55'13
	-3696 Dec 17 j 17:16	0°♐	
evening rise	-3696 Dec 26 j 20:43	17°♐00'10	
	-3695 Jan 02 j 22:30	0°♑	
asc. node	-3695 Jan 06 j 01:08	5°♑09'38	
evening max el	-3695 Jan 12 j 01:59	12°♑58'27	18°20'04
retrograde	-3695 Jan 19 j 08:06	16°♑34'35	
evening set	-3695 Jan 21 j 20:34	16°♑09'38	
inferior conj	-3695 Jan 29 j 01:31	11°♑28'43	3°55'30
minimum elong	-3695 Jan 29 j 03:18	11°♑24'56	3°55'14
min. Earth dist.	-3695 Feb 01 j 10:14	8°♑39'18	0.59506 AU
morning rise	-3695 Feb 05 j 06:49	5°♑57'55	
direct	-3695 Feb 11 j 18:19	4°♑05'46	
desc. node	-3695 Feb 17 j 07:59	5°♑23'36	
morning max el	-3695 Feb 26 j 00:10	11°♑43'06	27°01'59
	-3695 Mar 12 j 07:41	0°♒	
morning set	-3695 Mar 28 j 11:12	29°♒25'20	
	-3695 Mar 28 j 17:51	0°♓	
asc. node	-3695 Apr 04 j 00:35	13°♓29'59	
superior conj	-3695 Apr 04 j 14:04	14°♓43'48	0°05'54
minimum elong	-3695 Apr 04 j 13:48	14°♓42'21	0°05'47
behind sun begin	-3695 Apr 04 j 09:07	14°♓16'44	
behind sun end	-3695 Apr 04 j 18:29	15°♓07'59	
max. Earth dist.	-3695 Apr 04 j 07:32	14°♓08'04	1.32548 AU
evening rise	-3695 Apr 11 j 14:21	29°♓52'10	
	-3695 Apr 11 j 15:51	0°♈	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3695 Apr 28 j 06:46	0°♉	
evening max el	-3695 May 10 j 04:21	14°♉40'39	26°08'25
desc. node	-3695 May 16 j 06:46	19°♉28'09	
retrograde	-3695 May 24 j 06:25	21°♉57'47	
evening set	-3695 May 30 j 09:42	20°♉24'48	
min. Earth dist.	-3695 Jun 03 j 17:04	17°♉43'22	0.59139 AU
inferior conj	-3695 Jun 07 j 01:58	15°♉09'38	-4°-17'-45
minimum elong	-3695 Jun 07 j 00:27	15°♉12'32	4°17'35
morning rise	-3695 Jun 14 j 19:00	10°♉40'02	
direct	-3695 Jun 17 j 06:24	10°♉18'58	
morning max el	-3695 Jun 25 j 01:44	14°♉02'07	18°28'40
asc. node	-3695 Jul 01 j 00:07	21°♉28'16	
	-3695 Jul 06 j 01:32	0°♊	
morning set	-3695 Jul 11 j 04:39	9°♊38'30	
superior conj	-3695 Jul 20 j 08:22	27°♊02'51	1°48'23
minimum elong	-3695 Jul 20 j 09:20	27°♊07'21	1°48'30
	-3695 Jul 21 j 22:52	0°♋	
max. Earth dist.	-3695 Jul 27 j 16:14	10°♋12'15	1.40047 AU
evening rise	-3695 Aug 01 j 03:05	17°♋47'03	
	-3695 Aug 08 j 16:36	0°♌	
desc. node	-3695 Aug 12 j 05:55	5°♌28'44	
	-3695 Aug 29 j 20:45	0°♍	
evening max el	-3695 Sep 04 j 22:26	6°♍49'58	23°35'13
retrograde	-3695 Sep 15 j 12:04	13°♍04'49	
evening set	-3695 Sep 20 j 13:08	10°♍58'53	
inferior conj	-3695 Sep 25 j 21:40	4°♍37'44	0°-21'-51
minimum elong	-3695 Sep 25 j 22:11	4°♍35'59	0°21'35
min. Earth dist.	-3695 Sep 25 j 12:09	5°♍10'16	0.67405 AU
asc. node	-3695 Sep 26 j 23:12	3°♍11'04	
	-3695 Sep 29 j 13:56	30°℞♌	
morning rise	-3695 Oct 01 j 07:19	28°♌25'23	
direct	-3695 Oct 05 j 08:08	26°♌54'01	
	-3695 Oct 11 j 19:45	0°♍	
morning max el	-3695 Oct 13 j 20:48	1°♍55'32	21°10'15
greatest brilliancy	-3695 Oct 19 j 08:32	8°♍19'28	-0.5m
	-3695 Nov 03 j 14:39	0°♎	
desc. node	-3695 Nov 08 j 05:39	7°♎01'32	
morning set	-3695 Nov 13 j 02:15	14°♎33'36	
max. Earth dist.	-3695 Nov 21 j 05:05	27°♎32'34	1.42484 AU
	-3695 Nov 22 j 17:01	0°♏	
superior conj	-3695 Nov 28 j 07:16	9°♏22'35	-1°-45'-22
minimum elong	-3695 Nov 28 j 02:46	9°♏03'25	1°45'12
evening rise	-3695 Dec 09 j 19:14	29°♏37'25	
	-3695 Dec 10 j 00:15	0°♐	
asc. node	-3695 Dec 23 j 22:11	23°♐03'18	
evening max el	-3695 Dec 26 j 12:25	26°♐01'31	18°08'02
retrograde	-3694 Jan 02 j 05:20	29°♐29'21	
evening set	-3694 Jan 04 j 20:40	28°♐57'13	
inferior conj	-3694 Jan 11 j 12:53	23°♐54'37	4°01'26
minimum elong	-3694 Jan 11 j 12:05	23°♐56'33	4°01'16
min. Earth dist.	-3694 Jan 14 j 13:18	20°♐59'49	0.61516 AU
morning rise	-3694 Jan 18 j 01:06	18°♐07'44	
direct	-3694 Jan 25 j 00:48	15°♐41'52	
desc. node	-3694 Feb 04 j 05:03	20°♐00'16	
morning max el	-3694 Feb 08 j 02:07	23°♐25'44	27°38'29
	-3694 Feb 14 j 00:21	0°♑	
	-3694 Mar 05 j 11:17	0°♒	
morning set	-3694 Mar 12 j 17:10	14°♒05'39	
max. Earth dist.	-3694 Mar 18 j 19:17	26°♒58'25	1.32693 AU
superior conj	-3694 Mar 20 j 00:59	29°♒39'44	0°-19'-19
minimum elong	-3694 Mar 20 j 01:52	29°♒44'30	0°19'14
	-3694 Mar 20 j 04:43	0°♓	
asc. node	-3694 Mar 21 j 21:34	3°♓42'38	
evening rise	-3694 Mar 27 j 01:27	14°♓49'31	

	-3694 Apr 03 j 17:19	0°♈	
evening max el	-3694 Apr 21 j 22:07	25°♈43'25	24°48'48
	-3694 Apr 27 j 06:27	0°♉	
desc. node	-3694 May 03 j 03:51	2°♉31'31	
retrograde	-3694 May 05 j 22:21	2°♉49'21	
evening set	-3694 May 10 j 20:16	1°♉54'15	
	-3694 May 14 j 18:41	30°℞♈	
min. Earth dist.	-3694 May 16 j 10:18	28°♈59'07	0.57228 AU
inferior conj	-3694 May 19 j 08:30	27°♈03'14	-3°-45'-42
minimum elong	-3694 May 19 j 03:31	27°♈11'31	3°44'47
morning rise	-3694 May 27 j 14:55	22°♈53'26	
direct	-3694 May 30 j 02:14	22°♈35'57	
morning max el	-3694 Jun 08 j 03:15	26°♈48'49	19°14'58
	-3694 Jun 11 j 02:13	0°♉	
asc. node	-3694 Jun 17 j 21:08	10°♉10'05	
morning set	-3694 Jun 25 j 02:29	23°♉48'42	
	-3694 Jun 28 j 05:02	0°♊	
superior conj	-3694 Jul 03 j 10:36	10°♊19'35	1°47'25
minimum elong	-3694 Jul 03 j 09:30	10°♊14'15	1°47'31
max. Earth dist.	-3694 Jul 09 j 17:48	22°♊13'20	1.38100 AU
evening rise	-3694 Jul 13 j 15:33	29°♊13'29	
	-3694 Jul 14 j 02:10	0°♋	
desc. node	-3694 Jul 30 j 02:55	25°♋45'57	
	-3694 Aug 02 j 01:01	0°♌	
evening max el	-3694 Aug 18 j 09:30	20°♌19'47	24°54'09
retrograde	-3694 Aug 30 j 00:40	27°♌06'27	
evening set	-3694 Sep 04 j 16:48	24°♌42'02	
min. Earth dist.	-3694 Sep 09 j 06:41	19°♌28'46	0.67093 AU
inferior conj	-3694 Sep 10 j 02:48	18°♌22'06	-1°-15'-18
minimum elong	-3694 Sep 10 j 04:34	18°♌16'15	1°14'30
asc. node	-3694 Sep 13 j 20:18	13°♌51'16	
morning rise	-3694 Sep 15 j 16:43	12°♌16'48	
direct	-3694 Sep 19 j 05:48	11°♌04'06	
morning max el	-3694 Sep 26 j 20:39	15°♌28'54	19°59'58
greatest brilliancy	-3694 Oct 04 j 07:27	24°♌43'01	-0.6m
	-3694 Oct 08 j 00:12	0°♍	
morning set	-3694 Oct 23 j 00:14	22°♍45'41	
desc. node	-3694 Oct 26 j 02:38	27°♍34'45	
	-3694 Oct 27 j 15:50	0°♎	
max. Earth dist.	-3694 Nov 03 j 15:43	11°♎02'53	1.43917 AU
superior conj	-3694 Nov 08 j 15:13	19°♎04'00	-1°-19'-17
minimum elong	-3694 Nov 08 j 08:08	18°♎35'16	1°18'38
	-3694 Nov 15 j 06:18	0°♏	
evening rise	-3694 Nov 21 j 23:56	11°♏24'43	
	-3694 Dec 03 j 01:45	0°♐	
evening max el	-3694 Dec 10 j 01:03	9°♐18'14	18°15'13
asc. node	-3694 Dec 10 j 19:14	10°♐02'14	
retrograde	-3694 Dec 16 j 13:57	12°♐49'42	
evening set	-3694 Dec 19 j 08:55	12°♐09'06	
inferior conj	-3694 Dec 25 j 14:59	6°♐46'01	3°46'25
minimum elong	-3694 Dec 25 j 12:32	6°♐52'41	3°45'55
min. Earth dist.	-3694 Dec 28 j 01:40	4°♐06'34	0.63346 AU
morning rise	-3694 Dec 31 j 14:30	0°♐47'48	
	-3693 Jan 01 j 16:49	30°℞♏	
direct	-3693 Jan 07 j 15:23	28°♏02'04	
	-3693 Jan 14 j 02:39	0°♐	
morning max el	-3693 Jan 21 j 09:00	5°♐46'43	27°38'40
desc. node	-3693 Jan 22 j 02:08	6°♐29'43	
	-3693 Feb 08 j 20:04	0°♑	
morning set	-3693 Feb 24 j 16:50	28°♑23'37	
	-3693 Feb 25 j 12:02	0°♒	
max. Earth dist.	-3693 Mar 02 j 01:40	9°♒27'22	1.33222 AU
superior conj	-3693 Mar 04 j 09:26	14°♒24'33	0°-44'-20
minimum elong	-3693 Mar 04 j 11:23	14°♒35'05	0°44'04

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3693 Mar 08 j 18:34	23°♒50'39	
evening rise	-3693 Mar 11 j 13:06	29°♒44'32	
	-3693 Mar 11 j 16:03	0°♓	
	-3693 Mar 28 j 21:14	0°♈	
evening max el	-3693 Apr 03 j 14:07	6°♈26'47	23°15'45
retrograde	-3693 Apr 17 j 01:15	13°♈06'08	
desc. node	-3693 Apr 20 j 00:57	12°♈46'31	
evening set	-3693 Apr 20 j 15:19	12°♈38'01	
min. Earth dist.	-3693 Apr 28 j 00:53	9°♈17'29	0.55806 AU
inferior conj	-3693 Apr 29 j 19:24	8°♈14'55	-2°-33'-24
minimum elong	-3693 Apr 29 j 13:34	8°♈23'32	2°31'44
morning rise	-3693 May 08 j 14:55	4°♈17'05	
direct	-3693 May 11 j 03:47	4°♈01'22	
morning max el	-3693 May 21 j 18:53	8°♈58'06	20°21'36
asc. node	-3693 Jun 04 j 18:11	29°♈23'57	
	-3693 Jun 05 j 01:45	0°♉	
morning set	-3693 Jun 09 j 07:07	8°♉22'07	
superior conj	-3693 Jun 17 j 01:37	24°♉16'45	1°38'39
minimum elong	-3693 Jun 16 j 23:20	24°♉05'13	1°38'35
	-3693 Jun 19 j 22:18	0°♊	
max. Earth dist.	-3693 Jun 21 j 23:33	4°♊00'31	1.36320 AU
evening rise	-3693 Jun 26 j 02:27	11°♊47'26	
	-3693 Jul 06 j 15:04	0°♋	
desc. node	-3693 Jul 16 j 23:55	15°♋43'12	
	-3693 Jul 28 j 04:11	0°♌	
evening max el	-3693 Jul 31 j 20:29	3°♌52'05	26°03'38
retrograde	-3693 Aug 13 j 08:33	11°♌00'13	
evening set	-3693 Aug 19 j 15:25	8°♌21'01	
min. Earth dist.	-3693 Aug 23 j 20:53	3°♌45'43	0.66452 AU
inferior conj	-3693 Aug 25 j 04:42	2°♌05'47	-2°-7'-1
minimum elong	-3693 Aug 25 j 07:35	1°♌56'41	2°05'51
	-3693 Aug 26 j 21:40	30°℞♋	
morning rise	-3693 Aug 31 j 00:29	26°♋10'55	
asc. node	-3693 Aug 31 j 17:25	25°♋48'12	
direct	-3693 Sep 03 j 04:07	25°♋13'45	
morning max el	-3693 Sep 10 j 03:25	29°♋10'14	19°03'55
	-3693 Sep 10 j 22:15	0°♌	
	-3693 Oct 01 j 09:17	0°♍	
morning set	-3693 Oct 02 j 10:31	1°♍39'22	
desc. node	-3693 Oct 12 j 23:34	18°♍14'53	
max. Earth dist.	-3693 Oct 17 j 08:04	25°♍06'26	1.44719 AU
superior conj	-3693 Oct 18 j 22:48	27°♍39'20	0°-37'-20
minimum elong	-3693 Oct 18 j 18:05	27°♍20'42	0°36'45
	-3693 Oct 20 j 10:21	0°♎	
evening rise	-3693 Nov 03 j 06:14	22°♎12'49	
	-3693 Nov 08 j 00:43	0°♏	
evening max el	-3693 Nov 23 j 13:06	22°♏41'49	18°40'40
asc. node	-3693 Nov 27 j 16:20	25°♏51'08	
retrograde	-3693 Nov 30 j 05:56	26°♏27'06	
evening set	-3693 Dec 03 j 05:56	25°♏36'21	
inferior conj	-3693 Dec 09 j 04:06	19°♏55'09	3°17'02
minimum elong	-3693 Dec 09 j 01:00	20°♏04'27	3°16'10
min. Earth dist.	-3693 Dec 10 j 23:51	17°♏44'21	0.64857 AU
morning rise	-3693 Dec 14 j 18:56	13°♏48'23	
direct	-3693 Dec 21 j 12:37	10°♏58'12	
morning max el	-3692 Jan 03 j 18:24	18°♏36'24	27°05'15
desc. node	-3692 Jan 08 j 23:12	24°♏19'06	
	-3692 Jan 13 j 11:21	0°♐	
	-3692 Feb 01 j 18:07	0°♑	
morning set	-3692 Feb 08 j 07:05	12°♑08'16	
max. Earth dist.	-3692 Feb 12 j 22:57	21°♑23'52	1.34172 AU
superior conj	-3692 Feb 16 j 13:20	28°♑50'43	-1°-8'-5
minimum elong	-3692 Feb 16 j 16:09	29°♑05'32	1°07'46
	-3692 Feb 17 j 02:31	0°♒	

evening rise	-3692 Feb 23 j 23:27	14°♒30'01	
asc. node	-3692 Feb 23 j 15:35	13°♒48'59	
	-3692 Mar 02 j 22:09	0°♓	
evening max el	-3692 Mar 15 j 10:19	17°♓16'29	21°43'20
retrograde	-3692 Mar 27 j 17:08	23°♓12'26	
evening set	-3692 Mar 30 j 08:53	22°♓56'36	
desc. node	-3692 Apr 05 j 22:05	20°♓25'32	
inferior conj	-3692 Apr 08 j 16:40	18°♓54'01	0°-46'-9
minimum elong	-3692 Apr 08 j 14:31	18°♓57'02	0°45'27
min. Earth dist.	-3692 Apr 08 j 14:36	18°♓56'55	0.55167 AU
morning rise	-3692 Apr 17 j 20:49	14°♓53'43	
direct	-3692 Apr 20 j 17:04	14°♓35'50	
morning max el	-3692 May 02 j 23:32	20°♓24'59	21°46'35
	-3692 May 10 j 21:44	0°♈	
asc. node	-3692 May 21 j 15:12	19°♈01'11	
morning set	-3692 May 23 j 16:11	23°♈11'34	
	-3692 May 26 j 22:13	0°♉	
superior conj	-3692 May 31 j 01:34	8°♉42'37	1°24'09
minimum elong	-3692 May 30 j 22:54	8°♉28'40	1°23'54
max. Earth dist.	-3692 Jun 03 j 14:04	15°♉58'04	1.34845 AU
evening rise	-3692 Jun 08 j 06:25	25°♉13'43	
	-3692 Jun 10 j 18:55	0°♊	
	-3692 Jun 29 j 02:03	0°♋	
desc. node	-3692 Jul 02 j 20:57	5°♋11'53	
evening max el	-3692 Jul 13 j 07:55	17°♋20'00	26°55'37
retrograde	-3692 Jul 26 j 11:20	24°♋39'51	
evening set	-3692 Aug 02 j 06:38	21°♋53'03	
min. Earth dist.	-3692 Aug 06 j 04:23	17°♋56'37	0.65443 AU
inferior conj	-3692 Aug 08 j 01:17	15°♋45'40	-2°-54'-57
minimum elong	-3692 Aug 08 j 04:58	15°♋34'55	2°53'42
morning rise	-3692 Aug 14 j 04:29	10°♋04'38	
direct	-3692 Aug 17 j 00:57	9°♋19'46	
asc. node	-3692 Aug 17 j 14:32	9°♋21'32	
morning max el	-3692 Aug 23 j 15:24	12°♋56'52	18°24'00
	-3692 Sep 04 j 16:50	0°♌	
morning set	-3692 Sep 11 j 22:55	11°♌50'40	
	-3692 Sep 23 j 04:31	0°♍	
superior conj	-3692 Sep 26 j 22:38	5°♍57'48	0°12'10
minimum elong	-3692 Sep 27 j 00:12	6°♍04'01	0°12'01
behind sun begin	-3692 Sep 26 j 16:32	5°♍33'41	
behind sun end	-3692 Sep 27 j 07:51	6°♍34'19	
desc. node	-3692 Sep 28 j 20:30	8°♍59'04	
max. Earth dist.	-3692 Sep 29 j 02:37	9°♍23'10	1.44795 AU
	-3692 Oct 12 j 05:38	0°♎	
evening rise	-3692 Oct 13 j 11:48	1°♎58'21	
greatest brilliancy	-3692 Oct 27 j 08:56	23°♎30'13	-0.7m
	-3692 Oct 31 j 21:21	0°♏	
evening max el	-3692 Nov 05 j 22:06	6°♏08'14	19°23'02
retrograde	-3692 Nov 13 j 01:57	10°♏16'20	
asc. node	-3692 Nov 13 j 13:28	10°♏15'01	
evening set	-3692 Nov 16 j 08:51	9°♏13'16	
inferior conj	-3692 Nov 22 j 01:06	3°♏17'06	2°37'52
minimum elong	-3692 Nov 21 j 22:06	3°♏26'43	2°36'50
min. Earth dist.	-3692 Nov 23 j 07:01	1°♏41'04	0.66006 AU
	-3692 Nov 24 j 15:39	30°℞♎	
morning rise	-3692 Nov 27 j 10:33	27°♎04'07	
direct	-3692 Dec 03 j 15:51	24°♎21'53	
	-3692 Dec 14 j 09:00	0°♏	
morning max el	-3692 Dec 16 j 04:02	1°♏43'08	26°04'57
desc. node	-3692 Dec 25 j 20:15	13°♏04'55	
	-3691 Jan 06 j 13:48	0°♐	
morning set	-3691 Jan 21 j 07:49	25°♐07'26	
	-3691 Jan 23 j 22:00	0°♑	
max. Earth dist.	-3691 Jan 25 j 08:43	2°♑46'59	1.35565 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3691 Jan 30 j 10:17	12°♑50'52	-1°-29'-7
minimum elong	-3691 Jan 30 j 13:29	13°♑07'07	1°28'53
evening rise	-3691 Feb 07 j 06:39	28°♑59'51	
	-3691 Feb 07 j 18:26	0°♒	
asc. node	-3691 Feb 09 j 12:37	3°♒32'54	
evening max el	-3691 Feb 25 j 15:41	28°♒34'37	20°22'36
	-3691 Feb 27 j 06:28	0°♓	
retrograde	-3691 Mar 08 j 07:40	3°♓39'01	
evening set	-3691 Mar 10 j 14:56	3°♓25'49	
	-3691 Mar 18 j 15:05	30°℞♒	
inferior conj	-3691 Mar 19 j 13:19	29°♒27'20	1°09'45
minimum elong	-3691 Mar 19 j 16:20	29°♒22'54	1°08'40
min. Earth dist.	-3691 Mar 21 j 04:40	28°♒29'21	0.55458 AU
desc. node	-3691 Mar 23 j 19:15	27°♒02'24	
morning rise	-3691 Mar 28 j 15:30	25°♒06'12	
direct	-3691 Apr 01 j 06:23	24°♒37'39	
	-3691 Apr 13 j 09:20	0°♓	
morning max el	-3691 Apr 14 j 19:02	1°♓16'10	23°23'42
	-3691 May 04 j 03:11	0°♈	
morning set	-3691 May 08 j 03:40	8°♈10'31	
asc. node	-3691 May 08 j 12:11	8°♈55'11	
superior conj	-3691 May 15 j 07:30	23°♈27'51	1°05'29
minimum elong	-3691 May 15 j 05:02	23°♈14'41	1°05'07
max. Earth dist.	-3691 May 17 j 14:12	28°♈18'33	1.33741 AU
	-3691 May 18 j 09:31	0°♉	
evening rise	-3691 May 22 j 22:40	9°♉18'18	
	-3691 Jun 03 j 04:59	0°♊	
desc. node	-3691 Jun 19 j 18:02	23°♊59'18	
	-3691 Jun 25 j 05:33	0°♋	
evening max el	-3691 Jun 25 j 18:45	0°♋32'06	27°22'47
retrograde	-3691 Jul 09 j 08:40	7°♋56'11	
evening set	-3691 Jul 16 j 11:27	5°♋12'58	
min. Earth dist.	-3691 Jul 20 j 03:11	1°♋52'19	0.64049 AU
	-3691 Jul 21 j 21:40	30°℞♊	
inferior conj	-3691 Jul 22 j 14:05	29°♊16'08	-3°-36'-23
minimum elong	-3691 Jul 22 j 17:54	29°♊06'00	3°35'23
morning rise	-3691 Jul 29 j 02:08	23°♊52'06	
direct	-3691 Jul 31 j 17:39	23°♊16'34	
asc. node	-3691 Aug 04 j 11:37	24°♊27'31	
morning max el	-3691 Aug 07 j 06:04	26°♊43'02	18°01'16
	-3691 Aug 10 j 02:18	0°♋	
morning set	-3691 Aug 24 j 13:53	23°♋17'36	
	-3691 Aug 28 j 12:12	0°♌	
superior conj	-3691 Sep 06 j 13:08	15°♌02'25	0°56'27
minimum elong	-3691 Sep 06 j 18:38	15°♌24'51	0°55'55
max. Earth dist.	-3691 Sep 11 j 19:31	23°♌31'44	1.44150 AU
desc. node	-3691 Sep 15 j 17:28	29°♌43'48	
	-3691 Sep 15 j 21:35	0°♍	
evening rise	-3691 Sep 22 j 21:11	10°♍52'52	
	-3691 Oct 05 j 11:01	0°♎	
greatest brilliancy	-3691 Oct 13 j 12:57	11°♎35'42	-0.6m
evening max el	-3691 Oct 20 j 02:04	19°♎34'39	20°20'35
retrograde	-3691 Oct 27 j 23:18	24°♎13'04	
asc. node	-3691 Oct 31 j 10:35	23°♎03'19	
evening set	-3691 Oct 31 j 15:16	22°♎55'13	
inferior conj	-3691 Nov 06 j 03:20	16°♎47'35	1°52'01
minimum elong	-3691 Nov 06 j 00:58	16°♎55'33	1°51'06
min. Earth dist.	-3691 Nov 06 j 21:01	15°♎48'05	0.66805 AU
morning rise	-3691 Nov 11 j 10:08	10°♎31'00	
direct	-3691 Nov 17 j 00:38	8°♎05'03	
morning max el	-3691 Nov 28 j 12:49	14°♎56'15	24°46'49
	-3691 Dec 10 j 21:57	0°♏	
desc. node	-3691 Dec 12 j 17:15	2°♏30'15	
	-3691 Dec 30 j 11:07	0°♐	
morning set	-3690 Jan 03 j 13:35	7°♐05'35	
max. Earth dist.	-3690 Jan 07 j 08:00	13°♐52'23	1.37360 AU
superior conj	-3690 Jan 13 j 21:08	26°♐16'02	-1°-45'-29
minimum elong	-3690 Jan 13 j 23:51	26°♐29'20	1°45'27
	-3690 Jan 15 j 18:47	0°♑	
evening rise	-3690 Jan 22 j 08:30	13°♑07'29	
asc. node	-3690 Jan 27 j 09:40	22°♑56'40	
	-3690 Jan 31 j 09:28	0°♒	
evening max el	-3690 Feb 08 j 07:49	10°♒29'44	19°19'29
retrograde	-3690 Feb 17 j 08:43	14°♒48'00	
evening set	-3690 Feb 19 j 16:34	14°♒32'09	
inferior conj	-3690 Feb 27 j 22:49	10°♒23'14	2°42'59
minimum elong	-3690 Feb 28 j 03:48	10°♒14'56	2°41'35
min. Earth dist.	-3690 Mar 02 j 19:45	8°♒28'59	0.56610 AU
morning rise	-3690 Mar 08 j 11:14	5°♒31'52	
desc. node	-3690 Mar 10 j 16:22	4°♒54'19	
direct	-3690 Mar 13 j 06:43	4°♒38'33	
morning max el	-3690 Mar 27 j 10:09	11°♒51'41	25°01'36
	-3690 Apr 10 j 07:40	0°♓	
morning set	-3690 Apr 22 j 15:55	23°♓13'21	
asc. node	-3690 Apr 25 j 09:11	29°♓00'52	
	-3690 Apr 25 j 20:09	0°♈	
superior conj	-3690 Apr 29 j 17:10	8°♈25'12	0°43'50
minimum elong	-3690 Apr 29 j 15:21	8°♈15'20	0°43'29
max. Earth dist.	-3690 Apr 30 j 22:12	11°♈02'36	1.33006 AU
evening rise	-3690 May 06 j 23:35	23°♈50'04	
	-3690 May 10 j 01:33	0°♉	
	-3690 May 27 j 22:41	0°♊	
desc. node	-3690 Jun 06 j 15:07	11°♊48'08	
evening max el	-3690 Jun 08 j 03:01	13°♊17'06	27°19'30
retrograde	-3690 Jun 21 j 23:49	20°♊40'21	
evening set	-3690 Jun 29 j 02:08	18°♊14'48	
min. Earth dist.	-3690 Jul 02 j 16:18	15°♊21'05	0.62305 AU
inferior conj	-3690 Jul 05 j 16:08	12°♊31'20	-4°-7'-10
minimum elong	-3690 Jul 05 j 19:00	12°♊24'32	4°06'40
morning rise	-3690 Jul 12 j 14:23	7°♊26'53	
direct	-3690 Jul 15 j 03:04	6°♊58'14	
morning max el	-3690 Jul 21 j 20:43	10°♊22'59	17°56'41
asc. node	-3690 Jul 22 j 08:40	10°♊53'10	
	-3690 Aug 03 j 21:07	0°♋	
morning set	-3690 Aug 07 j 02:32	5°♋46'50	
superior conj	-3690 Aug 18 j 06:19	25°♋26'29	1°27'34
minimum elong	-3690 Aug 18 j 11:21	25°♋47'57	1°27'15
	-3690 Aug 20 j 22:56	0°♌	
max. Earth dist.	-3690 Aug 25 j 08:00	7°♌14'50	1.42881 AU
evening rise	-3690 Sep 02 j 02:15	19°♌38'36	
desc. node	-3690 Sep 02 j 14:26	20°♌26'09	
	-3690 Sep 08 j 19:43	0°♍	
greatest brilliancy	-3690 Sep 27 j 22:35	27°♍11'12	-0.4m
	-3690 Sep 30 j 06:11	0°♎	
evening max el	-3690 Oct 02 j 23:59	3°♎00'41	21°30'34
retrograde	-3690 Oct 11 j 19:52	8°♎15'04	
evening set	-3690 Oct 15 j 23:12	6°♎39'51	
asc. node	-3690 Oct 18 j 07:41	4°♎21'50	
inferior conj	-3690 Oct 21 j 08:42	0°♎24'21	1°01'48
minimum elong	-3690 Oct 21 j 07:18	0°♎29'09	1°01'15
min. Earth dist.	-3690 Oct 21 j 15:26	0°♎01'08	0.67280 AU
	-3690 Oct 21 j 15:46	30°℞♍	
morning rise	-3690 Oct 26 j 15:05	24°♍07'04	
direct	-3690 Oct 31 j 14:17	22°♍01'46	
morning max el	-3690 Nov 10 j 22:06	28°♍11'44	23°20'45
	-3690 Nov 12 j 15:11	0°♎	
greatest brilliancy	-3690 Nov 16 j 10:08	4°♎25'02	-0.2m
desc. node	-3690 Nov 29 j 14:13	22°♎23'50	
	-3690 Dec 04 j 15:50	0°♏	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3690 Dec 15 j 18:10	17°♏46'22	
max. Earth dist.	-3690 Dec 20 j 03:19	25°♏15'08	1.39411 AU
	-3690 Dec 22 j 20:03	0°♐	
superior conj	-3690 Dec 27 j 17:43	8°♐55'02	-1°-54'-32
minimum elong	-3690 Dec 27 j 18:41	8°♐59'32	1°54'40
evening rise	-3689 Jan 06 j 02:23	26°♐45'58	
	-3689 Jan 07 j 18:45	0°♑	
asc. node	-3689 Jan 14 j 06:43	11°♑52'49	
evening max el	-3689 Jan 22 j 09:11	22°♑57'34	18°35'59
retrograde	-3689 Jan 30 j 03:28	26°♑44'09	
evening set	-3689 Feb 01 j 14:24	26°♑22'50	
inferior conj	-3689 Feb 09 j 03:59	21°♑54'43	3°39'12
minimum elong	-3689 Feb 09 j 07:22	21°♑48'09	3°38'35
min. Earth dist.	-3689 Feb 12 j 13:00	19°♑19'04	0.58367 AU
morning rise	-3689 Feb 16 j 20:42	16°♑36'29	
direct	-3689 Feb 22 j 20:18	15°♑06'29	
desc. node	-3689 Feb 25 j 13:28	15°♑24'49	
morning max el	-3689 Mar 09 j 02:41	22°♑37'33	26°25'30
	-3689 Mar 15 j 15:59	0°♒	
	-3689 Apr 03 j 02:13	0°♓	
morning set	-3689 Apr 07 j 03:09	8°♓12'41	
asc. node	-3689 Apr 12 j 06:10	19°♓12'38	
superior conj	-3689 Apr 14 j 04:38	23°♓26'42	0°20'09
minimum elong	-3689 Apr 14 j 03:45	23°♓21'53	0°19'55
max. Earth dist.	-3689 Apr 14 j 10:41	23°♓59'49	1.32621 AU
	-3689 Apr 17 j 04:46	0°♈	
evening rise	-3689 Apr 21 j 06:10	8°♈38'06	
	-3689 May 02 j 11:54	0°♉	
evening max el	-3689 May 21 j 06:21	25°♉23'29	26°43'20
desc. node	-3689 May 24 j 12:13	28°♉12'49	
	-3689 May 27 j 01:02	0°♊	
retrograde	-3689 Jun 04 j 07:15	2°♊42'56	
evening set	-3689 Jun 10 j 22:23	0°♊48'36	
	-3689 Jun 12 j 06:11	30°℞♉	
min. Earth dist.	-3689 Jun 14 j 19:50	28°♉07'26	0.60317 AU
inferior conj	-3689 Jun 18 j 03:56	25°♉21'58	-4°-20'-58
minimum elong	-3689 Jun 18 j 04:24	25°♉20'59	4°20'52
morning rise	-3689 Jun 25 j 13:41	20°♉39'11	
direct	-3689 Jun 28 j 01:20	20°♉15'35	
morning max el	-3689 Jul 05 j 08:26	23°♉48'39	18°11'14
asc. node	-3689 Jul 09 j 05:41	28°♉22'14	
	-3689 Jul 10 j 09:12	0°♊	
morning set	-3689 Jul 21 j 07:24	19°♊03'45	
	-3689 Jul 27 j 03:50	0°♋	
superior conj	-3689 Jul 31 j 01:51	7°♋08'52	1°44'23
minimum elong	-3689 Jul 31 j 04:20	7°♋20'04	1°44'24
max. Earth dist.	-3689 Aug 07 j 15:06	20°♋20'12	1.41157 AU
evening rise	-3689 Aug 12 j 22:27	29°♋07'57	
	-3689 Aug 13 j 11:18	0°♌	
desc. node	-3689 Aug 20 j 11:24	11°♌02'23	
	-3689 Sep 02 j 09:47	0°♍	
greatest brilliancy	-3689 Sep 10 j 18:05	10°♍56'35	-0.3m
evening max el	-3689 Sep 15 j 16:11	16°♍27'08	22°48'50
retrograde	-3689 Sep 25 j 14:07	22°♍19'50	
evening set	-3689 Sep 30 j 06:52	20°♍25'19	
asc. node	-3689 Oct 05 j 04:46	14°♍41'49	
inferior conj	-3689 Oct 05 j 15:19	14°♍05'27	0°09'03
minimum elong	-3689 Oct 05 j 15:06	14°♍06'11	0°09'00
transit middle	-3689 Oct 05 j 15:06	14°♍06'11	0°09'00
transit begin	-3689 Oct 05 j 12:51	14°♍13'57	
transit end	-3689 Oct 05 j 17:21	13°♍58'25	
min. Earth dist.	-3689 Oct 05 j 11:44	14°♍17'47	0.67446 AU
morning rise	-3689 Oct 10 j 23:16	7°♍50'33	
direct	-3689 Oct 15 j 07:54	6°♍07'02	
morning max el	-3689 Oct 24 j 11:12	11°♍32'11	21°55'52
greatest brilliancy	-3689 Oct 29 j 07:44	17°♍03'52	-0.4m
	-3689 Nov 07 j 21:40	0°♎	
desc. node	-3689 Nov 16 j 11:11	12°♎37'34	
morning set	-3689 Nov 25 j 17:59	27°♎03'58	
	-3689 Nov 27 j 13:47	0°♏	
max. Earth dist.	-3689 Dec 02 j 02:59	7°♏28'01	1.41445 AU
superior conj	-3689 Dec 09 j 18:47	20°♏34'43	-1°-52'-48
minimum elong	-3689 Dec 09 j 16:31	20°♏24'45	1°52'51
	-3689 Dec 15 j 01:05	0°♐	
evening rise	-3689 Dec 20 j 09:07	9°♐48'28	
asc. node	-3688 Jan 01 j 03:46	0°♑12'45	
	-3688 Jan 01 j 00:17	0°♑	
evening max el	-3688 Jan 05 j 17:11	5°♑50'36	18°12'30
retrograde	-3688 Jan 12 j 16:14	9°♑21'18	
evening set	-3688 Jan 15 j 06:01	8°♑53'16	
inferior conj	-3688 Jan 22 j 05:12	4°♑02'54	4°01'04
minimum elong	-3688 Jan 22 j 05:49	4°♑01'32	4°00'55
min. Earth dist.	-3688 Jan 25 j 11:22	1°♑08'35	0.60377 AU
	-3688 Jan 26 j 20:50	30°℞♐	
morning rise	-3688 Jan 29 j 02:48	28°♐24'53	
direct	-3688 Feb 04 j 21:03	26°♐17'14	
desc. node	-3688 Feb 12 j 10:33	28°♐40'43	
	-3688 Feb 14 j 10:15	0°♑	
morning max el	-3688 Feb 19 j 00:58	3°♑56'59	27°21'50
	-3688 Mar 09 j 05:59	0°♒	
morning set	-3688 Mar 21 j 11:38	23°♒02'11	
	-3688 Mar 24 j 18:54	0°♓	
max. Earth dist.	-3688 Mar 28 j 00:00	6°♓57'44	1.32575 AU
superior conj	-3688 Mar 28 j 16:14	8°♓26'24	0°-4'-47
minimum elong	-3688 Mar 28 j 16:27	8°♓27'35	0°04'48
behind sun begin	-3688 Mar 28 j 11:38	8°♓01'16	
behind sun end	-3688 Mar 28 j 21:15	8°♓53'54	
asc. node	-3688 Mar 29 j 03:11	9°♓26'17	
evening rise	-3688 Apr 04 j 16:14	23°♓34'22	
	-3688 Apr 07 j 19:14	0°♈	
	-3688 Apr 26 j 00:47	0°♉	
evening max el	-3688 May 02 j 03:18	6°♉47'13	25°36'59
desc. node	-3688 May 10 j 09:18	12°♉40'26	
retrograde	-3688 May 16 j 05:06	13°♉59'56	
evening set	-3688 May 21 j 21:04	12°♉43'45	
min. Earth dist.	-3688 May 26 j 15:37	9°♉58'18	0.58296 AU
inferior conj	-3688 May 29 j 21:53	7°♉38'34	-4°-8'-41
minimum elong	-3688 May 29 j 18:48	7°♉44'08	4°08'19
morning rise	-3688 Jun 06 j 20:29	3°♉17'44	
direct	-3688 Jun 09 j 08:00	2°♉58'10	
morning max el	-3688 Jun 17 j 14:26	6°♉51'55	18°45'50
asc. node	-3688 Jun 25 j 02:42	16°♉40'51	
	-3688 Jul 02 j 11:30	0°♊	
morning set	-3688 Jul 04 j 00:02	2°♊57'03	
superior conj	-3688 Jul 12 j 18:29	19°♊55'44	1°49'05
minimum elong	-3688 Jul 12 j 18:29	19°♊55'40	1°49'14
	-3688 Jul 18 j 05:20	0°♋	
max. Earth dist.	-3688 Jul 19 j 17:55	2°♋43'32	1.39213 AU
evening rise	-3688 Jul 23 j 19:58	9°♋50'00	
	-3688 Aug 05 j 09:02	0°♌	
desc. node	-3688 Aug 06 j 08:23	1°♌28'03	
evening max el	-3688 Aug 28 j 04:20	29°♌54'55	24°09'31
	-3688 Aug 28 j 06:22	0°♍	
retrograde	-3688 Sep 08 j 04:56	6°♍23'47	
evening set	-3688 Sep 13 j 12:30	4°♍09'34	
	-3688 Sep 17 j 06:15	30°℞♌	
inferior conj	-3688 Sep 18 j 21:28	27°♌48'43	0°-44'-37
minimum elong	-3688 Sep 18 j 22:31	27°♌45'10	0°44'07

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

min. Earth dist.	-3688 Sep 18 j 07:30	28°♌35'57	0.67310 AU
asc. node	-3688 Sep 21 j 01:51	24°♌57'14	
morning rise	-3688 Sep 24 j 08:45	21°♌39'15	
direct	-3688 Sep 28 j 04:21	20°♌16'10	
morning max el	-3688 Oct 06 j 06:53	25°♌00'39	20°38'54
	-3688 Oct 10 j 14:55	0°♍	
greatest brilliancy	-3688 Oct 12 j 10:49	2°♍21'43	-0.5m
	-3688 Oct 31 j 08:07	0°♎	
desc. node	-3688 Nov 02 j 08:07	3°♎04'51	
morning set	-3688 Nov 03 j 19:44	5°♎22'49	
max. Earth dist.	-3688 Nov 13 j 10:08	20°♎34'35	1.43163 AU
	-3688 Nov 19 j 04:07	0°♏	
superior conj	-3688 Nov 19 j 18:37	1°♏00'23	-1°-36'-26
minimum elong	-3688 Nov 19 j 12:38	0°♏35'29	1°36'02
evening rise	-3688 Dec 02 j 00:37	22°♏05'51	
	-3688 Dec 06 j 12:26	0°♐	
asc. node	-3688 Dec 18 j 00:51	17°♐44'54	
evening max el	-3688 Dec 19 j 04:52	19°♐00'07	18°08'42
retrograde	-3688 Dec 25 j 19:02	22°♐28'21	
evening set	-3688 Dec 28 j 11:47	21°♐52'44	
inferior conj	-3687 Jan 03 j 23:21	16°♐40'50	3°57'11
minimum elong	-3687 Jan 03 j 21:43	16°♐44'59	3°56'54
min. Earth dist.	-3687 Jan 06 j 18:06	13°♐50'45	0.62329 AU
morning rise	-3687 Jan 10 j 05:38	10°♐48'35	
direct	-3687 Jan 17 j 06:52	8°♐12'48	
desc. node	-3687 Jan 29 j 07:37	14°♐09'49	
morning max el	-3687 Jan 31 j 05:29	15°♐57'18	27°42'59
	-3687 Feb 11 j 19:46	0°♑	
	-3687 Mar 01 j 19:23	0°♒	
morning set	-3687 Mar 05 j 15:17	7°♒34'11	
max. Earth dist.	-3687 Mar 11 j 10:09	19°♒41'29	1.32877 AU
superior conj	-3687 Mar 13 j 02:19	23°♒18'11	0°-30'-2
minimum elong	-3687 Mar 13 j 03:40	23°♒25'31	0°29'51
asc. node	-3687 Mar 16 j 00:12	29°♒37'31	
	-3687 Mar 16 j 04:21	0°♓	
evening rise	-3687 Mar 20 j 03:48	8°♓31'34	
	-3687 Mar 31 j 10:32	0°♈	
evening max el	-3687 Apr 13 j 19:28	17°♈38'04	24°09'51
desc. node	-3687 Apr 27 j 06:25	24°♈34'51	
retrograde	-3687 Apr 27 j 15:34	24°♈35'11	
evening set	-3687 May 01 j 23:47	23°♈53'06	
min. Earth dist.	-3687 May 08 j 07:05	20°♈48'41	0.56546 AU
inferior conj	-3687 May 10 j 19:46	19°♈13'57	-3°-20'-5
minimum elong	-3687 May 10 j 13:55	19°♈23'09	3°18'44
morning rise	-3687 May 19 j 08:02	15°♈11'01	
direct	-3687 May 21 j 19:43	14°♈54'35	
morning max el	-3687 May 31 j 12:03	19°♈23'58	19°40'59
	-3687 Jun 08 j 17:15	0°♉	
asc. node	-3687 Jun 11 j 23:45	5°♉37'34	
morning set	-3687 Jun 18 j 01:06	17°♉18'23	
	-3687 Jun 24 j 08:11	0°♊	
superior conj	-3687 Jun 26 j 02:46	3°♊31'53	1°44'31
minimum elong	-3687 Jun 26 j 01:04	3°♊23'26	1°44'34
max. Earth dist.	-3687 Jul 01 j 20:34	14°♊35'50	1.37305 AU
evening rise	-3687 Jul 05 j 18:37	21°♊46'54	
	-3687 Jul 10 j 11:31	0°♋	
desc. node	-3687 Jul 24 j 05:24	21°♋38'05	
	-3687 Jul 30 j 05:38	0°♌	
evening max el	-3687 Aug 10 j 14:59	13°♌25'44	25°25'19
retrograde	-3687 Aug 22 j 15:40	20°♌23'18	
evening set	-3687 Aug 28 j 14:18	17°♌51'36	
min. Earth dist.	-3687 Sep 02 j 00:25	12°♌54'28	0.66860 AU
inferior conj	-3687 Sep 03 j 01:27	11°♌33'10	-1°-37'-34
minimum elong	-3687 Sep 03 j 03:43	11°♌25'47	1°36'35
asc. node	-3687 Sep 07 j 22:57	6°♌05'57	
morning rise	-3687 Sep 08 j 17:42	5°♌32'09	
direct	-3687 Sep 12 j 02:24	4°♌26'39	
morning max el	-3687 Sep 19 j 09:57	8°♌38'23	19°34'20
greatest brilliancy	-3687 Sep 28 j 05:12	19°♌55'49	-0.7m
	-3687 Oct 04 j 22:38	0°♍	
morning set	-3687 Oct 13 j 20:16	13°♍45'30	
desc. node	-3687 Oct 20 j 05:05	23°♍41'33	
	-3687 Oct 24 j 05:27	0°♎	
max. Earth dist.	-3687 Oct 26 j 23:28	4°♎20'57	1.44339 AU
superior conj	-3687 Oct 30 j 15:03	10°♎09'49	-1°-3'-8
minimum elong	-3687 Oct 30 j 08:14	9°♎42'34	1°02'24
	-3687 Nov 11 j 18:18	0°♏	
evening rise	-3687 Nov 13 j 20:21	3°♏29'07	
	-3687 Nov 30 j 16:03	0°♐	
evening max el	-3687 Dec 02 j 17:29	2°♐19'54	18°23'50
asc. node	-3687 Dec 04 j 21:56	4°♐15'50	
retrograde	-3687 Dec 09 j 07:21	5°♐56'30	
evening set	-3687 Dec 12 j 04:08	5°♐11'58	
	-3687 Dec 17 j 23:49	30°℞♏	
inferior conj	-3687 Dec 18 j 06:35	29°♏40'45	3°35'23
minimum elong	-3687 Dec 18 j 03:45	29°♏48'50	3°34'44
min. Earth dist.	-3687 Dec 20 j 10:53	27°♏12'10	0.64029 AU
morning rise	-3687 Dec 24 j 01:56	23°♏38'16	
direct	-3687 Dec 31 j 00:26	20°♏48'51	
morning max el	-3686 Jan 13 j 14:00	28°♏32'39	27°28'13
	-3686 Jan 15 j 00:12	0°♐	
desc. node	-3686 Jan 16 j 04:41	1°♐16'37	
	-3686 Feb 05 j 14:12	0°♑	
morning set	-3686 Feb 17 j 11:25	21°♑39'42	
	-3686 Feb 21 j 14:26	0°♒	
max. Earth dist.	-3686 Feb 22 j 13:08	1°♒57'45	1.33571 AU
superior conj	-3686 Feb 25 j 09:06	7°♒55'56	0°-54'-39
minimum elong	-3686 Feb 25 j 11:28	8°♒08'32	0°54'21
asc. node	-3686 Mar 02 j 21:14	19°♒41'59	
evening rise	-3686 Mar 04 j 15:08	23°♒23'13	
	-3686 Mar 07 j 20:28	0°♓	
evening max el	-3686 Mar 26 j 12:23	28°♓20'33	22°35'32
	-3686 Mar 28 j 08:54	0°♈	
retrograde	-3686 Apr 08 j 13:43	4°♈44'01	
evening set	-3686 Apr 11 j 16:20	4°♈22'49	
desc. node	-3686 Apr 14 j 03:34	3°♈38'05	
min. Earth dist.	-3686 Apr 19 j 21:21	0°♈47'23	0.55419 AU
inferior conj	-3686 Apr 20 j 23:42	0°♈09'41	-1°-51'-3
minimum elong	-3686 Apr 20 j 18:56	0°♈16'31	1°49'32
	-3686 Apr 21 j 06:29	30°℞♓	
morning rise	-3686 Apr 29 j 23:49	26°♓13'01	
direct	-3686 May 02 j 14:27	25°♓57'14	
	-3686 May 12 j 12:19	0°♈	
morning max el	-3686 May 13 j 23:11	1°♈16'09	20°55'50
asc. node	-3686 May 29 j 20:48	25°♈02'18	
	-3686 Jun 01 j 08:29	0°♉	
morning set	-3686 Jun 02 j 07:53	1°♉59'26	
superior conj	-3686 Jun 09 j 22:03	17°♉42'55	1°33'06
minimum elong	-3686 Jun 09 j 19:31	17°♉29'55	1°32'57
max. Earth dist.	-3686 Jun 14 j 05:16	26°♉23'11	1.35643 AU
	-3686 Jun 16 j 01:37	0°♊	
evening rise	-3686 Jun 18 j 13:27	4°♊45'14	
	-3686 Jul 03 j 07:29	0°♋	
desc. node	-3686 Jul 11 j 02:27	11°♋24'40	
evening max el	-3686 Jul 24 j 02:02	26°♋56'43	26°28'21
	-3686 Jul 27 j 12:28	0°♌	
retrograde	-3686 Aug 05 j 21:38	4°♌11'51	
evening set	-3686 Aug 12 j 10:06	1°♌28'14	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3686 Aug 13 j 23:41	30°♌	
min. Earth dist.	-3686 Aug 16 j 12:06	27°♋09'26	0.66064 AU
inferior conj	-3686 Aug 18 j 01:21	25°♋15'40	-2°-27'-59
minimum elong	-3686 Aug 18 j 04:38	25°♋05'37	2°26'44
morning rise	-3686 Aug 24 j 00:07	19°♋26'14	
asc. node	-3686 Aug 25 j 20:04	18°♋42'42	
direct	-3686 Aug 27 j 00:18	18°♋34'50	
morning max el	-3686 Sep 02 j 19:12	22°♋22'26	18°44'51
	-3686 Sep 08 j 20:47	0°♌	
morning set	-3686 Sep 23 j 16:47	23°♌09'39	
	-3686 Sep 27 j 23:42	0°♍	
desc. node	-3686 Oct 07 j 02:02	14°♍23'45	
superior conj	-3686 Oct 09 j 16:35	18°♍30'09	0°-16'-31
minimum elong	-3686 Oct 09 j 14:24	18°♍21'34	0°16'13
behind sun begin	-3686 Oct 09 j 13:03	18°♍16'14	
behind sun end	-3686 Oct 09 j 15:46	18°♍26'54	
max. Earth dist.	-3686 Oct 09 j 16:32	18°♍29'56	1.44836 AU
	-3686 Oct 16 j 23:29	0°♎	
evening rise	-3686 Oct 25 j 16:04	13°♎49'49	
	-3686 Nov 04 j 19:17	0°♏	
evening max el	-3686 Nov 16 j 04:31	15°♏45'08	18°56'48
asc. node	-3686 Nov 21 j 19:01	19°♏30'15	
retrograde	-3686 Nov 23 j 01:21	19°♏39'12	
evening set	-3686 Nov 26 j 03:58	18°♏43'40	
inferior conj	-3686 Dec 01 j 23:24	12°♏55'59	3°01'24
minimum elong	-3686 Dec 01 j 20:16	13°♏05'41	3°00'27
min. Earth dist.	-3686 Dec 03 j 13:12	10°♏59'10	0.65386 AU
morning rise	-3686 Dec 07 j 11:34	6°♏46'11	
direct	-3686 Dec 14 j 00:31	3°♏57'42	
morning max el	-3686 Dec 26 j 23:38	11°♏30'54	26°42'22
desc. node	-3685 Jan 03 j 01:45	19°♏32'35	
	-3685 Jan 10 j 19:40	0°♐	
	-3685 Jan 29 j 02:48	0°♑	
morning set	-3685 Jan 31 j 20:34	5°♑07'31	
max. Earth dist.	-3685 Feb 05 j 05:25	13°♑38'40	1.34703 AU
superior conj	-3685 Feb 09 j 10:27	22°♑12'51	-1°-17'-26
minimum elong	-3685 Feb 09 j 13:31	22°♑28'42	1°17'08
	-3685 Feb 13 j 03:55	0°♒	
evening rise	-3685 Feb 17 j 00:25	8°♒03'15	
asc. node	-3685 Feb 17 j 18:16	9°♒35'15	
	-3685 Feb 28 j 22:39	0°♓	
evening max el	-3685 Mar 08 j 12:18	9°♓22'00	21°07'12
retrograde	-3685 Mar 20 j 03:29	14°♓55'47	
evening set	-3685 Mar 22 j 13:52	14°♓42'04	
inferior conj	-3685 Mar 31 j 19:04	10°♓43'46	0°03'54
minimum elong	-3685 Mar 31 j 19:15	10°♓43'31	0°03'47
transit middle	-3685 Mar 31 j 19:15	10°♓43'31	0°03'47
transit begin	-3685 Mar 31 j 15:16	10°♓49'09	
transit end	-3685 Mar 31 j 23:14	10°♓37'53	
desc. node	-3685 Apr 01 j 00:41	10°♓35'48	
min. Earth dist.	-3685 Apr 01 j 11:33	10°♓20'24	0.55176 AU
morning rise	-3685 Apr 09 j 23:52	6°♓36'11	
direct	-3685 Apr 13 j 02:33	6°♓15'02	
morning max el	-3685 Apr 25 j 23:35	12°♓27'03	22°26'48
	-3685 May 08 j 23:56	0°♈	
asc. node	-3685 May 16 j 17:50	14°♈47'44	
morning set	-3685 May 17 j 18:13	16°♈53'50	
	-3685 May 23 j 22:46	0°♉	
superior conj	-3685 May 25 j 00:53	2°♉18'16	1°16'41
minimum elong	-3685 May 24 j 22:14	2°♉04'18	1°16'22
max. Earth dist.	-3685 May 27 j 23:57	8°♉29'50	1.34336 AU
evening rise	-3685 Jun 01 j 23:14	18°♉30'00	
	-3685 Jun 08 j 02:28	0°♊	
	-3685 Jun 27 j 11:48	0°♋	

desc. node	-3685 Jun 27 j 23:30	0°♋37'33	
evening max el	-3685 Jul 06 j 13:35	10°♋19'56	27°10'37
retrograde	-3685 Jul 19 j 22:12	17°♋42'10	
evening set	-3685 Jul 26 j 21:16	14°♋55'41	
min. Earth dist.	-3685 Jul 30 j 16:17	11°♋14'45	0.64897 AU
inferior conj	-3685 Aug 01 j 18:58	8°♋52'18	-3°-13'-34
minimum elong	-3685 Aug 01 j 22:48	8°♋41'30	3°12'23
morning rise	-3685 Aug 08 j 01:44	3°♋17'47	
direct	-3685 Aug 10 j 19:48	2°♋37'12	
asc. node	-3685 Aug 12 j 17:10	2°♋56'15	
morning max el	-3685 Aug 17 j 08:34	6°♋08'56	18°12'03
	-3685 Sep 02 j 08:46	0°♌	
morning set	-3685 Sep 04 j 16:55	3°♌54'16	
superior conj	-3685 Sep 18 j 20:10	27°♌00'58	0°32'15
minimum elong	-3685 Sep 18 j 23:59	27°♌16'12	0°31'51
	-3685 Sep 20 j 17:05	0°♍	
max. Earth dist.	-3685 Sep 22 j 10:34	2°♍44'33	1.44607 AU
desc. node	-3685 Sep 23 j 22:58	5°♍08'19	
evening rise	-3685 Oct 05 j 11:44	23°♍09'50	
	-3685 Oct 09 j 21:35	0°♎	
greatest brilliancy	-3685 Oct 22 j 13:37	19°♎07'38	-0.6m
evening max el	-3685 Oct 30 j 11:37	29°♎11'50	19°45'56
	-3685 Oct 31 j 06:58	0°♏	
retrograde	-3685 Nov 06 j 22:03	3°♏31'35	
asc. node	-3685 Nov 08 j 16:07	3°♏13'47	
evening set	-3685 Nov 10 j 08:35	2°♏22'32	
	-3685 Nov 13 j 00:04	30°♌♎	
inferior conj	-3685 Nov 15 j 22:52	26°♎21'18	2°19'03
minimum elong	-3685 Nov 15 j 20:05	26°♎30'27	2°18'03
min. Earth dist.	-3685 Nov 16 j 23:26	25°♎00'42	0.66388 AU
morning rise	-3685 Nov 21 j 06:54	20°♎06'42	
direct	-3685 Nov 27 j 06:14	17°♎30'26	
morning max el	-3685 Dec 09 j 08:36	24°♎39'59	25°33'20
	-3685 Dec 14 j 04:54	0°♏	
desc. node	-3685 Dec 20 j 22:44	8°♏36'34	
	-3684 Jan 04 j 06:36	0°♐	
morning set	-3684 Jan 14 j 13:54	17°♐42'14	
max. Earth dist.	-3684 Jan 18 j 10:03	24°♐49'52	1.36283 AU
	-3684 Jan 21 j 02:39	0°♑	
superior conj	-3684 Jan 24 j 03:31	5°♑59'19	-1°-36'-46
minimum elong	-3684 Jan 24 j 06:39	6°♑14'57	1°36'37
evening rise	-3684 Feb 01 j 05:35	22°♑24'13	
asc. node	-3684 Feb 04 j 15:17	29°♑11'14	
	-3684 Feb 05 j 01:21	0°♒	
evening max el	-3684 Feb 18 j 22:20	20°♒55'51	19°53'28
retrograde	-3684 Feb 28 j 20:42	25°♒38'46	
evening set	-3684 Mar 02 j 03:51	25°♒24'46	
inferior conj	-3684 Mar 10 j 19:46	21°♒23'23	1°53'21
minimum elong	-3684 Mar 11 j 00:08	21°♒16'39	1°51'55
min. Earth dist.	-3684 Mar 13 j 01:43	20°♒00'32	0.55861 AU
desc. node	-3684 Mar 17 j 21:49	17°♒28'47	
morning rise	-3684 Mar 19 j 17:23	16°♒50'06	
direct	-3684 Mar 23 j 19:59	16°♒12'44	
morning max el	-3684 Apr 06 j 16:16	23°♒07'28	24°05'57
	-3684 Apr 12 j 19:03	0°♓	
	-3684 Apr 30 j 08:10	0°♈	
morning set	-3684 May 01 j 06:14	1°♈55'02	
asc. node	-3684 May 02 j 14:50	4°♈47'13	
superior conj	-3684 May 08 j 08:38	17°♈09'10	0°56'37
minimum elong	-3684 May 08 j 06:24	16°♈57'08	0°56'14
max. Earth dist.	-3684 May 10 j 04:00	21°♈01'55	1.33394 AU
	-3684 May 14 j 10:38	0°♉	
evening rise	-3684 May 15 j 19:34	2°♉47'23	
	-3684 May 30 j 22:29	0°♊	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3684 Jun 13 j 20:35	19°♊02'27	
evening max el	-3684 Jun 17 j 23:50	23°♊22'39	27°25'19
	-3684 Jun 27 j 15:00	0°♋	
retrograde	-3684 Jul 01 j 16:45	0°♋45'47	
	-3684 Jul 05 j 13:53	30°℞♊	
evening set	-3684 Jul 08 j 20:32	28°♊08'34	
min. Earth dist.	-3684 Jul 12 j 11:01	25°♊00'44	0.63352 AU
inferior conj	-3684 Jul 15 j 03:36	22°♊17'20	-3°-51'-4
minimum elong	-3684 Jul 15 j 07:10	22°♊08'17	3°50'16
morning rise	-3684 Jul 21 j 19:48	17°♊01'07	
direct	-3684 Jul 24 j 09:59	16°♊28'37	
asc. node	-3684 Jul 29 j 14:14	18°♊37'57	
morning max el	-3684 Jul 30 j 23:30	19°♊52'59	17°57'01
	-3684 Aug 07 j 11:37	0°♋	
morning set	-3684 Aug 16 j 17:51	15°♋50'04	
	-3684 Aug 24 j 22:39	0°♌	
superior conj	-3684 Aug 28 j 21:24	6°♌37'35	1°11'29
minimum elong	-3684 Aug 29 j 03:09	7°♌01'24	1°10'59
max. Earth dist.	-3684 Sep 04 j 02:29	16°♌46'39	1.43683 AU
desc. node	-3684 Sep 09 j 19:56	25°♌52'31	
	-3684 Sep 12 j 11:18	0°♍	
evening rise	-3684 Sep 13 j 16:55	1°♍54'48	
	-3684 Oct 02 j 12:39	0°♎	
greatest brilliancy	-3684 Oct 06 j 18:20	5°♎46'25	-0.5m
evening max el	-3684 Oct 12 j 13:08	12°♎38'24	20°49'03
retrograde	-3684 Oct 20 j 19:13	17°♎31'10	
evening set	-3684 Oct 24 j 15:53	16°♎05'59	
asc. node	-3684 Oct 25 j 13:12	15°♎22'08	
inferior conj	-3684 Oct 30 j 02:39	9°♎54'33	1°31'08
minimum elong	-3684 Oct 30 j 00:40	10°♎01'19	1°30'20
min. Earth dist.	-3684 Oct 30 j 15:29	9°♎10'51	0.67048 AU
morning rise	-3684 Nov 04 j 09:02	3°♎37'34	
direct	-3684 Nov 09 j 17:01	1°♎20'17	
morning max el	-3684 Nov 20 j 17:18	7°♎54'12	24°10'41
desc. node	-3684 Dec 06 j 19:43	28°♎14'58	
	-3684 Dec 08 j 00:49	0°♏	
morning set	-3684 Dec 26 j 09:36	29°♏08'31	
	-3684 Dec 26 j 21:30	0°♐	
max. Earth dist.	-3684 Dec 30 j 07:05	5°♐59'42	1.38221 AU
superior conj	-3683 Jan 06 j 08:50	19°♐05'53	-1°-50'-24
minimum elong	-3683 Jan 06 j 10:59	19°♐16'13	1°50'28
	-3683 Jan 11 j 23:18	0°♑	
evening rise	-3683 Jan 15 j 04:22	6°♑20'03	
asc. node	-3683 Jan 21 j 12:18	18°♑23'47	
	-3683 Jan 28 j 23:39	0°♒	
evening max el	-3683 Jan 31 j 18:31	3°♒04'32	18°58'27
retrograde	-3683 Feb 09 j 05:03	7°♒07'41	
evening set	-3683 Feb 11 j 14:12	6°♒49'40	
inferior conj	-3683 Feb 19 j 13:08	2°♒32'48	3°11'27
minimum elong	-3683 Feb 19 j 17:45	2°♒24'36	3°10'22
min. Earth dist.	-3683 Feb 22 j 17:07	0°♒18'49	0.57305 AU
	-3683 Feb 23 j 04:20	30°℞♑	
morning rise	-3683 Feb 27 j 17:29	27°♑29'16	
desc. node	-3683 Mar 04 j 18:55	26°♑21'50	
direct	-3683 Mar 05 j 01:28	26°♑21'39	
	-3683 Mar 14 j 20:56	0°♒	
morning max el	-3683 Mar 19 j 07:17	3°♒43'24	25°39'59
	-3683 Apr 07 j 02:20	0°♓	
morning set	-3683 Apr 15 j 18:15	16°♓56'56	
asc. node	-3683 Apr 19 j 11:50	24°♓55'45	
	-3683 Apr 21 j 19:42	0°♈	
superior conj	-3683 Apr 22 j 19:14	2°♈08'31	0°33'58
minimum elong	-3683 Apr 22 j 17:48	2°♈00'37	0°33'40
max. Earth dist.	-3683 Apr 23 j 14:28	3°♈53'19	1.32803 AU
evening rise	-3683 Apr 29 j 23:10	17°♈26'34	
	-3683 May 06 j 08:22	0°♉	
	-3683 May 25 j 19:52	0°♊	
evening max el	-3683 May 31 j 06:08	5°♊51'33	27°08'00
desc. node	-3683 May 31 j 17:40	6°♊18'47	
retrograde	-3683 Jun 14 j 04:37	13°♊13'16	
evening set	-3683 Jun 21 j 03:53	10°♊59'16	
min. Earth dist.	-3683 Jun 24 j 19:39	8°♊13'17	0.61484 AU
inferior conj	-3683 Jun 28 j 00:00	5°♊22'46	-4°-15'-34
minimum elong	-3683 Jun 28 j 02:02	5°♊18'12	4°15'17
morning rise	-3683 Jul 05 j 03:01	0°♊27'38	
direct	-3683 Jul 07 j 15:11	0°♊01'14	
morning max el	-3683 Jul 14 j 13:18	3°♊27'46	18°00'31
asc. node	-3683 Jul 16 j 11:17	5°♊32'16	
morning set	-3683 Jul 30 j 13:59	28°♊40'52	
	-3683 Jul 31 j 07:16	0°♋	
superior conj	-3683 Aug 10 j 02:19	17°♋36'25	1°36'22
minimum elong	-3683 Aug 10 j 06:22	17°♋54'03	1°36'12
	-3683 Aug 17 j 09:11	0°♌	
max. Earth dist.	-3683 Aug 17 j 13:02	0°♌15'59	1.42189 AU
evening rise	-3683 Aug 24 j 02:20	10°♌52'55	
desc. node	-3683 Aug 27 j 16:54	16°♌32'30	
	-3683 Sep 05 j 14:19	0°♍	
greatest brilliancy	-3683 Sep 20 j 13:47	20°♍39'01	-0.4m
evening max el	-3683 Sep 25 j 08:22	26°♍03'37	22°03'05
	-3683 Sep 30 j 00:23	0°♎	
retrograde	-3683 Oct 04 j 15:04	1°♎34'34	
evening set	-3683 Oct 08 j 23:55	29°♍51'07	
	-3683 Oct 08 j 19:22	30°℞♍	
asc. node	-3683 Oct 12 j 10:17	26°♍10'07	
inferior conj	-3683 Oct 14 j 08:45	23°♍33'02	0°39'38
minimum elong	-3683 Oct 14 j 07:50	23°♍36'11	0°39'16
min. Earth dist.	-3683 Oct 14 j 10:58	23°♍25'22	0.67386 AU
morning rise	-3683 Oct 19 j 15:35	17°♍16'27	
direct	-3683 Oct 24 j 08:19	15°♍20'43	
morning max el	-3683 Nov 03 j 03:58	21°♍11'48	22°44'03
greatest brilliancy	-3683 Nov 07 j 21:45	26°♍31'31	-0.3m
	-3683 Nov 10 j 16:09	0°♎	
desc. node	-3683 Nov 23 j 16:41	18°♎17'35	
	-3683 Dec 01 j 08:09	0°♏	
morning set	-3683 Dec 07 j 01:59	9°♏13'09	
max. Earth dist.	-3683 Dec 12 j 03:35	17°♏41'26	1.40295 AU
	-3683 Dec 19 j 03:56	0°♐	
superior conj	-3683 Dec 19 j 21:44	1°♐20'31	-1°-55'-21
minimum elong	-3683 Dec 19 j 21:30	1°♐19'26	1°55'29
evening rise	-3683 Dec 29 j 17:55	19°♐43'53	
	-3682 Jan 04 j 06:04	0°♑	
asc. node	-3682 Jan 08 j 09:20	7°♑05'25	
evening max el	-3682 Jan 14 j 22:58	15°♑43'23	18°23'32
retrograde	-3682 Jan 22 j 07:58	19°♑21'48	
evening set	-3682 Jan 24 j 19:57	18°♑57'53	
inferior conj	-3682 Feb 01 j 03:04	14°♑20'25	3°52'14
minimum elong	-3682 Feb 01 j 05:17	14°♑15'49	3°51'53
min. Earth dist.	-3682 Feb 04 j 12:19	11°♑33'39	0.59203 AU
morning rise	-3682 Feb 08 j 11:14	8°♑52'31	
direct	-3682 Feb 14 j 19:59	7°♑05'56	
desc. node	-3682 Feb 19 j 16:00	8°♑04'35	
morning max el	-3682 Mar 01 j 02:13	14°♑42'14	26°53'36
	-3682 Mar 13 j 09:57	0°♒	
	-3682 Mar 30 j 06:43	0°♓	
morning set	-3682 Mar 31 j 04:35	1°♓53'18	
asc. node	-3682 Apr 06 j 08:49	15°♓08'58	
superior conj	-3682 Apr 07 j 06:59	17°♓10'17	0°09'40
minimum elong	-3682 Apr 07 j 06:34	17°♓07'56	0°09'33

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

behind sun begin	-3682 Apr 07 j 02:33	16°♓46'00	
behind sun end	-3682 Apr 07 j 10:34	17°♓29'52	
max. Earth dist.	-3682 Apr 07 j 03:43	16°♓52'19	1.32551 AU
	-3682 Apr 13 j 05:05	0°♈	
evening rise	-3682 Apr 14 j 07:29	2°♈19'02	
	-3682 Apr 29 j 09:12	0°♉	
evening max el	-3682 May 13 j 06:36	17°♉39'22	26°18'24
desc. node	-3682 May 18 j 14:46	21°♉58'35	
retrograde	-3682 May 27 j 08:37	24°♉57'33	
evening set	-3682 Jun 02 j 15:20	23°♉18'51	
min. Earth dist.	-3682 Jun 06 j 19:35	20°♉38'00	0.59442 AU
inferior conj	-3682 Jun 10 j 04:40	18°♉00'26	-4°-19'-37
minimum elong	-3682 Jun 10 j 03:43	18°♉02'18	4°19'30
morning rise	-3682 Jun 17 j 19:47	13°♉27'28	
direct	-3682 Jun 20 j 07:10	13°♉05'50	
morning max el	-3682 Jun 27 j 23:05	16°♉46'01	18°23'28
asc. node	-3682 Jul 03 j 08:20	23°♉24'30	
	-3682 Jul 07 j 09:35	0°♊	
morning set	-3682 Jul 14 j 00:23	12°♊14'42	
superior conj	-3682 Jul 23 j 07:39	29°♊48'54	1°47'40
minimum elong	-3682 Jul 23 j 09:00	29°♊55'07	1°47'47
	-3682 Jul 23 j 10:04	0°♋	
max. Earth dist.	-3682 Jul 30 j 17:31	13°♋01'24	1.40341 AU
evening rise	-3682 Aug 04 j 08:50	20°♋51'46	
	-3682 Aug 10 j 00:24	0°♌	
desc. node	-3682 Aug 14 j 13:53	7°♌04'44	
	-3682 Aug 30 j 18:19	0°♍	
evening max el	-3682 Sep 07 j 22:26	9°♍29'47	23°23'12
retrograde	-3682 Sep 18 j 08:07	15°♍39'10	
evening set	-3682 Sep 23 j 06:57	13°♍36'17	
inferior conj	-3682 Sep 28 j 15:25	7°♍15'19	0°-13'-41
minimum elong	-3682 Sep 28 j 15:44	7°♍14'14	0°13'31
transit middle	-3682 Sep 28 j 15:44	7°♍14'14	0°13'31
transit begin	-3682 Sep 28 j 14:12	7°♍19'27	
transit end	-3682 Sep 28 j 17:15	7°♍09'01	
min. Earth dist.	-3682 Sep 28 j 07:28	7°♍42'34	0.67425 AU
asc. node	-3682 Sep 29 j 07:24	6°♍20'37	
morning rise	-3682 Oct 04 j 00:33	1°♍02'06	
	-3682 Oct 05 j 17:03	30°℞♌	
direct	-3682 Oct 08 j 03:19	29°♌27'37	
	-3682 Oct 10 j 16:53	0°♍	
morning max el	-3682 Oct 16 j 19:39	4°♍35'12	21°21'41
greatest brilliancy	-3682 Oct 22 j 02:44	10°♍43'05	-0.4m
	-3682 Nov 04 j 20:29	0°♎	
desc. node	-3682 Nov 10 j 13:38	8°♎37'20	
morning set	-3682 Nov 16 j 14:39	17°♎59'50	
max. Earth dist.	-3682 Nov 24 j 05:40	0°♏15'01	1.42226 AU
	-3682 Nov 24 j 02:00	0°♏	
superior conj	-3682 Dec 01 j 12:39	12°♏29'39	-1°-47'-51
minimum elong	-3682 Dec 01 j 08:44	12°♏12'49	1°47'45
	-3682 Dec 11 j 10:04	0°♐	
evening rise	-3682 Dec 12 j 18:42	2°♐27'46	
asc. node	-3682 Dec 26 j 06:24	25°♐06'23	
evening max el	-3682 Dec 29 j 08:55	28°♐44'18	18°08'35
	-3682 Dec 30 j 18:31	0°♑	
retrograde	-3681 Jan 05 j 03:05	2°♑12'23	
evening set	-3681 Jan 07 j 18:01	1°♑41'19	
	-3681 Jan 10 j 16:50	30°℞♐	
inferior conj	-3681 Jan 14 j 11:57	26°♐41'58	4°02'04
minimum elong	-3681 Jan 14 j 11:30	26°♐43'03	4°01'54
min. Earth dist.	-3681 Jan 17 j 14:08	23°♐46'30	0.61225 AU
morning rise	-3681 Jan 21 j 02:28	20°♐57'17	
direct	-3681 Jan 28 j 01:11	18°♐35'36	
desc. node	-3681 Feb 06 j 13:06	22°♐21'15	
morning max el	-3681 Feb 11 j 03:12	26°♐18'37	27°35'20
	-3681 Feb 14 j 14:52	0°♑	
	-3681 Mar 06 j 20:50	0°♒	
morning set	-3681 Mar 15 j 11:17	16°♒36'04	
max. Earth dist.	-3681 Mar 21 j 15:57	29°♒44'44	1.32649 AU
	-3681 Mar 21 j 18:46	0°♓	
superior conj	-3681 Mar 22 j 18:09	2°♓07'20	0°-15'-29
minimum elong	-3681 Mar 22 j 18:52	2°♓11'09	0°15'25
behind sun begin	-3681 Mar 22 j 17:45	2°♓05'08	
behind sun end	-3681 Mar 22 j 19:58	2°♓17'11	
asc. node	-3681 Mar 24 j 05:49	5°♓21'53	
evening rise	-3681 Mar 29 j 18:24	17°♓16'15	
	-3681 Apr 05 j 02:46	0°♈	
evening max el	-3681 Apr 25 j 01:10	28°♈47'09	25°01'52
	-3681 Apr 26 j 08:49	0°♉	
desc. node	-3681 May 05 j 11:54	5°♉25'00	
retrograde	-3681 May 09 j 02:10	5°♉55'05	
evening set	-3681 May 14 j 04:53	4°♉54'54	
min. Earth dist.	-3681 May 19 j 13:26	2°♉02'38	0.57492 AU
inferior conj	-3681 May 22 j 14:13	0°♉00'04	-3°-53'-7
minimum elong	-3681 May 22 j 09:40	0°♉07'47	3°52'20
	-3681 May 22 j 14:15	30°℞♈	
morning rise	-3681 May 30 j 18:34	25°♈47'28	
direct	-3681 Jun 02 j 05:55	25°♈29'28	
morning max el	-3681 Jun 11 j 01:50	29°♈37'02	19°06'45
	-3681 Jun 11 j 11:27	0°♉	
asc. node	-3681 Jun 20 j 05:24	12°♉00'30	
morning set	-3681 Jun 27 j 21:01	26°♉20'46	
	-3681 Jun 29 j 17:18	0°♊	
superior conj	-3681 Jul 06 j 07:35	12°♊58'13	1°48'07
minimum elong	-3681 Jul 06 j 06:45	12°♊54'09	1°48'14
max. Earth dist.	-3681 Jul 12 j 19:17	25°♊07'45	1.38387 AU
	-3681 Jul 15 j 12:35	0°♋	
evening rise	-3681 Jul 16 j 17:33	2°♋07'00	
desc. node	-3681 Aug 01 j 10:54	27°♋24'24	
	-3681 Aug 03 j 05:19	0°♌	
evening max el	-3681 Aug 21 j 09:49	22°♌59'31	24°42'52
retrograde	-3681 Sep 01 j 21:19	29°♌41'39	
evening set	-3681 Sep 07 j 11:13	27°♌19'53	
min. Earth dist.	-3681 Sep 12 j 02:26	22°♌01'13	0.67160 AU
inferior conj	-3681 Sep 12 j 20:54	20°♌59'40	-1°-7'-16
minimum elong	-3681 Sep 12 j 22:29	20°♌54'23	1°06'32
asc. node	-3681 Sep 16 j 04:32	16°♌52'49	
morning rise	-3681 Sep 18 j 10:05	14°♌53'09	
direct	-3681 Sep 22 j 00:50	13°♌37'46	
morning max el	-3681 Sep 29 j 18:26	18°♌07'18	20°09'35
greatest brilliancy	-3681 Oct 06 j 20:10	26°♌47'45	-0.6m
	-3681 Oct 09 j 03:10	0°♍	
morning set	-3681 Oct 26 j 12:50	26°♍11'27	
desc. node	-3681 Oct 28 j 10:35	29°♍09'02	
	-3681 Oct 28 j 23:41	0°♎	
max. Earth dist.	-3681 Nov 06 j 15:37	13°♎40'17	1.43742 AU
superior conj	-3681 Nov 12 j 00:46	22°♎22'41	-1°-24'-21
minimum elong	-3681 Nov 11 j 17:50	21°♎54'21	1°23'45
	-3681 Nov 16 j 15:23	0°♏	
evening rise	-3681 Nov 25 j 02:22	14°♏23'13	
	-3681 Dec 04 j 06:14	0°♐	
evening max el	-3681 Dec 12 j 21:27	11°♐59'38	18°12'58
asc. node	-3681 Dec 13 j 03:29	12°♐14'39	
retrograde	-3681 Dec 19 j 10:22	15°♐29'48	
evening set	-3681 Dec 22 j 04:46	14°♐50'28	
inferior conj	-3681 Dec 28 j 12:10	9°♐30'10	3°49'42
minimum elong	-3681 Dec 28 j 09:54	9°♐36'14	3°49'16
min. Earth dist.	-3681 Dec 31 j 00:58	6°♐47'36	0.63094 AU
morning rise	-3680 Jan 03 j 13:19	3°♐33'30	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3680 Jan 10 j 14:37	0°♐49'55	
desc. node	-3680 Jan 24 j 10:10	8°♐35'56	
morning max el	-3680 Jan 24 j 09:32	8°♐34'24	27°40'52
	-3680 Feb 10 j 00:58	0°♑	
	-3680 Feb 27 j 00:32	0°♒	
morning set	-3680 Feb 27 j 12:04	0°♒57'39	
max. Earth dist.	-3680 Mar 03 j 23:28	12°♒17'49	1.33125 AU
superior conj	-3680 Mar 06 j 03:05	16°♒53'56	0°-40'-36
minimum elong	-3680 Mar 06 j 04:54	17°♒03'39	0°40'21
asc. node	-3680 Mar 10 j 02:50	25°♒30'38	
	-3680 Mar 12 j 05:09	0°♓	
evening rise	-3680 Mar 13 j 06:06	2°♓11'53	
	-3680 Mar 28 j 17:23	0°♈	
evening max el	-3680 Apr 05 j 17:02	9°♈31'09	23°29'47
retrograde	-3680 Apr 19 j 06:48	16°♈15'27	
desc. node	-3680 Apr 21 j 09:02	16°♈05'41	
evening set	-3680 Apr 23 j 01:26	15°♈44'10	
min. Earth dist.	-3680 Apr 30 j 04:05	12°♈28'14	0.55977 AU
inferior conj	-3680 May 02 j 03:47	11°♈17'09	-2°-46'-57
minimum elong	-3680 May 01 j 21:47	11°♈26'08	2°45'18
morning rise	-3680 May 10 j 21:30	7°♈18'25	
direct	-3680 May 13 j 10:03	7°♈02'33	
morning max el	-3680 May 23 j 18:59	11°♈51'41	20°10'31
	-3680 Jun 05 j 11:28	0°♉	
asc. node	-3680 Jun 06 j 02:25	1°♉09'44	
morning set	-3680 Jun 11 j 00:48	10°♉50'58	
superior conj	-3680 Jun 18 j 20:59	26°♉49'55	1°40'24
minimum elong	-3680 Jun 18 j 18:49	26°♉39'04	1°40'21
	-3680 Jun 20 j 11:01	0°♊	
max. Earth dist.	-3680 Jun 24 j 00:11	6°♊55'41	1.36564 AU
evening rise	-3680 Jun 28 j 01:26	14°♊31'24	
	-3680 Jul 06 j 23:18	0°♋	
desc. node	-3680 Jul 18 j 07:57	17°♋25'20	
	-3680 Jul 27 j 21:29	0°♌	
evening max el	-3680 Aug 02 j 20:42	6°♌31'34	25°54'14
retrograde	-3680 Aug 15 j 05:53	13°♌37'06	
evening set	-3680 Aug 21 j 10:44	10°♌59'37	
min. Earth dist.	-3680 Aug 25 j 17:24	6°♌18'43	0.66569 AU
inferior conj	-3680 Aug 26 j 23:24	4°♌43'34	-1°-59'-24
minimum elong	-3680 Aug 27 j 02:09	4°♌34'52	1°58'15
	-3680 Aug 31 j 03:42	30°℞♋	
morning rise	-3680 Sep 01 j 18:15	28°♋47'04	
asc. node	-3680 Sep 02 j 01:39	28°♋36'13	
direct	-3680 Sep 04 j 23:08	27°♋47'49	
	-3680 Sep 10 j 01:21	0°♌	
morning max el	-3680 Sep 12 j 00:18	1°♌47'48	19°11'19
	-3680 Oct 01 j 16:38	0°♍	
morning set	-3680 Oct 04 j 20:04	4°♍55'45	
desc. node	-3680 Oct 14 j 07:32	19°♍48'16	
max. Earth dist.	-3680 Oct 19 j 07:30	27°♍40'41	1.44645 AU
	-3680 Oct 20 j 18:45	0°♎	
superior conj	-3680 Oct 21 j 11:16	1°♎05'25	0°-44'-28
minimum elong	-3680 Oct 21 j 05:49	0°♎43'49	0°43'48
evening rise	-3680 Nov 05 j 12:17	25°♎20'39	
	-3680 Nov 08 j 08:17	0°♏	
evening max el	-3680 Nov 25 j 09:43	25°♏22'03	18°35'44
asc. node	-3680 Nov 29 j 00:36	28°♏14'55	
retrograde	-3680 Dec 02 j 01:33	29°♏04'52	
evening set	-3680 Dec 05 j 00:40	28°♏15'45	
inferior conj	-3680 Dec 10 j 23:52	22°♏36'55	3°22'08
minimum elong	-3680 Dec 10 j 20:48	22°♏45'58	3°21'21
min. Earth dist.	-3680 Dec 12 j 21:46	20°♏21'22	0.64655 AU
morning rise	-3680 Dec 16 j 15:45	16°♏31'10	
direct	-3680 Dec 23 j 10:49	13°♏40'52	

morning max el	-3679 Jan 05 j 18:50	21°♏20'42	27°12'07
desc. node	-3679 Jan 10 j 07:11	26°♏14'38	
	-3679 Jan 13 j 09:07	0°♐	
	-3679 Feb 02 j 03:41	0°♑	
morning set	-3679 Feb 10 j 03:58	14°♑47'57	
max. Earth dist.	-3679 Feb 14 j 22:25	24°♑19'53	1.34005 AU
	-3679 Feb 17 j 15:59	0°♒	
superior conj	-3679 Feb 18 j 07:48	1°♒23'06	-1°-4'-37
minimum elong	-3679 Feb 18 j 10:32	1°♒37'25	1°04'18
asc. node	-3679 Feb 24 j 23:52	15°♒30'38	
evening rise	-3679 Feb 25 j 16:46	16°♒59'06	
	-3679 Mar 04 j 06:15	0°♓	
evening max el	-3679 Mar 18 j 12:09	20°♓17'56	21°56'30
retrograde	-3679 Mar 31 j 00:11	26°♓21'36	
evening set	-3679 Apr 02 j 18:17	26°♓04'42	
desc. node	-3679 Apr 08 j 06:08	24°♓04'34	
min. Earth dist.	-3679 Apr 11 j 17:51	22°♓11'49	0.55202 AU
inferior conj	-3679 Apr 12 j 02:24	21°♓59'46	-1°-3'-43
minimum elong	-3679 Apr 11 j 23:28	22°♓03'54	1°02'45
morning rise	-3679 Apr 21 j 05:49	18°♓01'08	
direct	-3679 Apr 24 j 00:14	17°♓44'04	
morning max el	-3679 May 06 j 01:20	23°♓25'13	21°33'02
	-3679 May 11 j 19:46	0°♈	
asc. node	-3679 May 23 j 23:27	20°♈43'58	
morning set	-3679 May 26 j 09:19	25°♈38'33	
	-3679 May 28 j 11:33	0°♉	
superior conj	-3679 Jun 02 j 19:49	11°♉12'24	1°26'40
minimum elong	-3679 Jun 02 j 17:10	10°♉58'35	1°26'26
max. Earth dist.	-3679 Jun 06 j 13:07	18°♉50'05	1.35037 AU
evening rise	-3679 Jun 11 j 03:11	27°♉50'53	
	-3679 Jun 12 j 06:23	0°♊	
	-3679 Jun 30 j 05:18	0°♋	
desc. node	-3679 Jul 05 j 05:01	6°♋59'13	
evening max el	-3679 Jul 16 j 08:00	20°♋00'22	26°49'16
retrograde	-3679 Jul 29 j 09:32	27°♋19'25	
evening set	-3679 Aug 05 j 03:13	24°♋32'59	
min. Earth dist.	-3679 Aug 09 j 01:59	20°♋30'55	0.65615 AU
inferior conj	-3679 Aug 10 j 20:55	18°♋24'08	-2°-48'-5
minimum elong	-3679 Aug 11 j 00:30	18°♋13'30	2°46'48
morning rise	-3679 Aug 16 j 22:56	12°♋40'57	
direct	-3679 Aug 19 j 20:16	11°♋54'32	
asc. node	-3679 Aug 19 j 22:44	11°♋54'35	
morning max el	-3679 Aug 26 j 11:41	15°♋34'03	18°28'54
	-3679 Sep 05 j 22:59	0°♌	
morning set	-3679 Sep 15 j 04:17	14°♌54'43	
	-3679 Sep 24 j 13:02	0°♍	
superior conj	-3679 Sep 30 j 10:48	9°♍22'12	0°04'43
minimum elong	-3679 Sep 30 j 11:25	9°♍24'41	0°04'42
behind sun begin	-3679 Sep 30 j 00:31	8°♍41'38	
behind sun end	-3679 Sep 30 j 22:19	10°♍07'41	
desc. node	-3679 Oct 01 j 04:30	10°♍32'04	
max. Earth dist.	-3679 Oct 02 j 01:46	11°♍55'55	1.44830 AU
	-3679 Oct 13 j 13:28	0°♎	
evening rise	-3679 Oct 16 j 21:29	5°♎15'05	
greatest brilliancy	-3679 Oct 29 j 06:26	24°♎36'09	-0.7m
	-3679 Nov 01 j 21:35	0°♏	
evening max el	-3679 Nov 08 j 19:15	8°♏47'50	19°15'41
retrograde	-3679 Nov 15 j 21:08	12°♏52'09	
asc. node	-3679 Nov 15 j 21:41	12°♏52'09	
evening set	-3679 Nov 19 j 02:49	11°♏51'10	
inferior conj	-3679 Nov 24 j 19:50	5°♏57'00	2°44'15
minimum elong	-3679 Nov 24 j 16:47	6°♏06'44	2°43'15
min. Earth dist.	-3679 Nov 26 j 03:45	4°♏15'28	0.65858 AU
	-3679 Nov 29 j 23:04	30°℞♎	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3679 Nov 30 j 05:54	29°♎44'39	
direct	-3679 Dec 06 j 13:14	27°♎00'31	
	-3679 Dec 14 j 02:24	0°♏	
morning max el	-3679 Dec 19 j 04:34	4°♏25'32	26°15'15
desc. node	-3679 Dec 28 j 04:12	14°♏52'47	
	-3678 Jan 07 j 19:49	0°♐	
morning set	-3678 Jan 24 j 07:02	27°♐54'51	
	-3678 Jan 25 j 09:41	0°♑	
max. Earth dist.	-3678 Jan 28 j 09:51	5°♑46'57	1.35325 AU
superior conj	-3678 Feb 02 j 05:58	15°♑27'33	-1°-26'-11
minimum elong	-3678 Feb 02 j 09:09	15°♑43'50	1°25'56
	-3678 Feb 09 j 06:46	0°♒	
evening rise	-3678 Feb 10 j 00:33	1°♒31'28	
asc. node	-3678 Feb 11 j 20:53	5°♒16'58	
	-3678 Feb 27 j 04:00	0°♓	
evening max el	-3678 Feb 28 j 16:00	1°♓31'16	20°33'38
retrograde	-3678 Mar 11 j 14:13	6°♓43'21	
evening set	-3678 Mar 13 j 21:50	6°♓30'15	
inferior conj	-3678 Mar 22 j 22:17	2°♓32'22	0°53'01
minimum elong	-3678 Mar 23 j 00:37	2°♓28'57	0°52'08
min. Earth dist.	-3678 Mar 24 j 08:00	1°♓43'16	0.55351 AU
desc. node	-3678 Mar 26 j 03:15	0°♓42'22	
	-3678 Mar 27 j 11:45	30°♑℞♒	
morning rise	-3678 Apr 01 j 01:31	28°♒15'05	
direct	-3678 Apr 04 j 12:47	27°♒48'54	
	-3678 Apr 12 j 04:24	0°♓	
morning max el	-3678 Apr 17 j 22:02	4°♓21'15	23°08'50
	-3678 May 05 j 13:50	0°♈	
morning set	-3678 May 10 j 20:33	10°♈36'23	
asc. node	-3678 May 10 j 20:26	10°♈35'51	
superior conj	-3678 May 18 j 01:01	25°♈55'20	1°08'33
minimum elong	-3678 May 17 j 22:29	25°♈41'53	1°08'11
	-3678 May 19 j 23:09	0°♉	
max. Earth dist.	-3678 May 20 j 11:48	1°♉06'29	1.33880 AU
evening rise	-3678 May 25 j 17:52	11°♉50'39	
	-3678 Jun 04 j 13:25	0°♊	
desc. node	-3678 Jun 22 j 02:05	25°♊53'47	
	-3678 Jun 25 j 15:03	0°♋	
evening max el	-3678 Jun 28 j 18:59	3°♋15'24	27°20'34
retrograde	-3678 Jul 12 j 07:46	10°♋39'29	
evening set	-3678 Jul 19 j 09:46	7°♋54'55	
min. Earth dist.	-3678 Jul 23 j 02:14	4°♋29'12	0.64279 AU
inferior conj	-3678 Jul 25 j 11:00	1°♋56'12	-3°-30'-43
minimum elong	-3678 Jul 25 j 14:51	1°♋45'48	3°29'40
	-3678 Jul 27 j 07:16	30°♋℞♊	
morning rise	-3678 Jul 31 j 21:39	26°♊29'20	
direct	-3678 Aug 03 j 13:42	25°♊52'39	
asc. node	-3678 Aug 06 j 19:47	26°♊46'54	
morning max el	-3678 Aug 10 j 02:04	29°♊20'21	18°03'30
	-3678 Aug 10 j 17:21	0°♋	
morning set	-3678 Aug 27 j 15:31	26°♋10'48	
	-3678 Aug 29 j 21:30	0°♌	
superior conj	-3678 Sep 09 j 21:57	18°♌16'40	0°50'31
minimum elong	-3678 Sep 10 j 03:11	18°♌37'48	0°49'58
max. Earth dist.	-3678 Sep 14 j 18:47	26°♌05'34	1.44288 AU
	-3678 Sep 17 j 05:57	0°♍	
desc. node	-3678 Sep 18 j 01:28	1°♍16'58	
evening rise	-3678 Sep 26 j 09:04	14°♍14'54	
	-3678 Oct 06 j 16:19	0°♎	
greatest brilliancy	-3678 Oct 16 j 03:38	13°♎48'11	-0.6m
evening max el	-3678 Oct 23 j 00:04	22°♎14'32	20°11'12
retrograde	-3678 Oct 30 j 18:23	26°♎47'59	
asc. node	-3678 Nov 02 j 18:45	25°♎55'16	
evening set	-3678 Nov 03 j 08:50	25°♎32'34	
inferior conj	-3678 Nov 08 j 21:26	19°♎26'33	1°59'20
minimum elong	-3678 Nov 08 j 18:57	19°♎34'53	1°58'22
min. Earth dist.	-3678 Nov 09 j 16:54	18°♎21'28	0.66706 AU
morning rise	-3678 Nov 14 j 04:28	13°♎10'20	
direct	-3678 Nov 19 j 21:19	10°♎41'25	
morning max el	-3678 Dec 01 j 13:22	17°♎37'58	24°59'13
	-3678 Dec 11 j 22:51	0°♏	
desc. node	-3678 Dec 15 j 01:12	4°♏13'13	
	-3678 Dec 31 j 20:12	0°♐	
morning set	-3677 Jan 06 j 16:03	10°♐03'33	
max. Earth dist.	-3677 Jan 10 j 10:14	16°♐52'35	1.37068 AU
superior conj	-3677 Jan 16 j 18:35	28°♐59'00	-1°-43'-25
minimum elong	-3677 Jan 16 j 21:27	29°♐13'06	1°43'21
	-3677 Jan 17 j 07:00	0°♑	
evening rise	-3677 Jan 25 j 03:21	15°♑43'02	
asc. node	-3677 Jan 29 j 17:54	24°♑44'12	
	-3677 Feb 01 j 15:06	0°♒	
evening max el	-3677 Feb 11 j 06:39	13°♒21'24	19°27'42
retrograde	-3677 Feb 20 j 12:52	17°♒45'29	
evening set	-3677 Feb 22 j 20:24	17°♒30'14	
inferior conj	-3677 Mar 03 j 05:16	13°♒23'43	2°31'02
minimum elong	-3677 Mar 03 j 10:12	13°♒15'38	2°29'37
min. Earth dist.	-3677 Mar 05 j 22:56	11°♒37'11	0.56394 AU
morning rise	-3677 Mar 11 j 20:19	8°♒37'00	
desc. node	-3677 Mar 13 j 00:20	8°♒15'44	
direct	-3677 Mar 16 j 11:24	7°♒48'12	
morning max el	-3677 Mar 30 j 13:20	14°♒57'12	24°47'25
	-3677 Apr 11 j 11:17	0°♓	
morning set	-3677 Apr 25 j 08:46	25°♓38'47	
	-3677 Apr 27 j 09:59	0°♈	
asc. node	-3677 Apr 27 j 17:27	0°♈40'03	
superior conj	-3677 May 02 j 10:14	10°♈51'06	0°47'16
minimum elong	-3677 May 02 j 08:18	10°♈40'36	0°46'56
max. Earth dist.	-3677 May 03 j 18:49	13°♈47'19	1.33099 AU
evening rise	-3677 May 09 j 17:41	26°♈18'57	
	-3677 May 11 j 13:39	0°♉	
	-3677 May 28 j 23:51	0°♊	
desc. node	-3677 Jun 08 j 23:09	13°♊52'25	
evening max el	-3677 Jun 11 j 03:52	16°♊05'10	27°22'03
retrograde	-3677 Jun 24 j 23:50	23°♊28'21	
evening set	-3677 Jul 02 j 02:47	20°♊59'28	
min. Earth dist.	-3677 Jul 05 j 16:52	18°♊02'22	0.62587 AU
inferior conj	-3677 Jul 08 j 14:52	15°♊13'49	-4°-3'-27
minimum elong	-3677 Jul 08 j 17:57	15°♊06'20	4°02'53
morning rise	-3677 Jul 15 j 11:29	10°♊06'09	
direct	-3677 Jul 18 j 00:30	9°♊36'33	
morning max el	-3677 Jul 24 j 16:49	13°♊00'59	17°56'07
asc. node	-3677 Jul 24 j 16:51	13°♊01'04	
	-3677 Aug 05 j 05:57	0°♋	
morning set	-3677 Aug 10 j 01:15	8°♋31'21	
superior conj	-3677 Aug 21 j 10:52	28°♋27'33	1°23'50
minimum elong	-3677 Aug 21 j 16:10	28°♋50'01	1°23'27
	-3677 Aug 22 j 08:44	0°♌	
max. Earth dist.	-3677 Aug 28 j 08:06	9°♌53'22	1.43104 AU
desc. node	-3677 Sep 04 j 22:26	21°♌59'43	
evening rise	-3677 Sep 05 j 13:25	22°♌58'09	
	-3677 Sep 10 j 02:47	0°♍	
greatest brilliancy	-3677 Sep 30 j 17:59	29°♍38'20	-0.4m
	-3677 Oct 01 j 00:51	0°♎	
evening max el	-3677 Oct 05 j 22:57	5°♎40'38	21°19'35
retrograde	-3677 Oct 14 j 15:06	10°♎49'10	
evening set	-3677 Oct 18 j 16:39	9°♎16'38	
asc. node	-3677 Oct 20 j 15:50	7°♎25'53	
inferior conj	-3677 Oct 24 j 02:26	3°♎02'12	1°09'40

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3677 Oct 24 j 00:52	3°♎07'33	1°09'01
min. Earth dist.	-3677 Oct 24 j 10:45	2°♎33'38	0.67227 AU
	-3677 Oct 26 j 08:47	30℞♍	
morning rise	-3677 Oct 29 j 08:45	26°♍44'58	
direct	-3677 Nov 03 j 10:16	24°♍36'24	
	-3677 Nov 13 j 01:00	0°♎	
morning max el	-3677 Nov 13 j 22:18	0°♎52'36	23°33'46
desc. node	-3677 Dec 01 j 22:11	24°♎03'03	
	-3677 Dec 05 j 22:14	0°♏	
morning set	-3677 Dec 19 j 00:42	20°♏56'20	
max. Earth dist.	-3677 Dec 23 j 05:45	28°♏10'56	1.39101 AU
	-3677 Dec 24 j 06:32	0°♐	
superior conj	-3677 Dec 30 j 17:36	11°♐45'37	-1°-53'-48
minimum elong	-3677 Dec 30 j 18:56	11°♐51'52	1°53'54
evening rise	-3676 Jan 08 j 22:36	29°♐26'11	
	-3676 Jan 09 j 05:35	0°♑	
asc. node	-3676 Jan 16 j 14:56	13°♑44'46	
evening max el	-3676 Jan 25 j 06:47	25°♑44'30	18°41'10
retrograde	-3676 Feb 02 j 04:49	29°♑34'46	
evening set	-3676 Feb 04 j 15:22	29°♑14'18	
inferior conj	-3676 Feb 12 j 07:18	24°♑49'10	3°33'03
minimum elong	-3676 Feb 12 j 11:04	24°♑42'01	3°32'18
min. Earth dist.	-3676 Feb 15 j 15:32	22°♑18'32	0.58084 AU
morning rise	-3676 Feb 20 j 03:05	19°♑34'38	
direct	-3676 Feb 25 j 22:56	18°♑10'36	
desc. node	-3676 Feb 27 j 21:25	18°♑19'52	
morning max el	-3676 Mar 11 j 05:15	25°♑39'17	26°14'27
	-3676 Mar 15 j 06:52	0°♒	
	-3676 Apr 03 j 13:24	0°♓	
morning set	-3676 Apr 08 j 20:17	10°♓38'51	
asc. node	-3676 Apr 13 j 14:27	20°♓50'57	
superior conj	-3676 Apr 15 j 21:33	25°♓52'04	0°23'49
minimum elong	-3676 Apr 15 j 20:30	25°♓46'24	0°23'36
max. Earth dist.	-3676 Apr 16 j 06:58	26°♓43'36	1.32662 AU
	-3676 Apr 17 j 18:58	0°♈	
evening rise	-3676 Apr 22 j 23:36	11°♈04'56	
	-3676 May 02 j 19:50	0°♉	
evening max el	-3676 May 23 j 08:09	28°♉17'55	26°50'43
	-3676 May 25 j 05:10	0°♊	
desc. node	-3676 May 25 j 20:13	0°♊31'39	
retrograde	-3676 Jun 06 j 08:23	5°♊37'41	
evening set	-3676 Jun 13 j 02:04	3°♊37'58	
min. Earth dist.	-3676 Jun 16 j 21:40	0°♊56'08	0.60625 AU
	-3676 Jun 18 j 00:51	30℞♉	
inferior conj	-3676 Jun 20 j 05:03	28°♉08'48	-4°-20'-22
minimum elong	-3676 Jun 20 j 05:59	28°♉06'49	4°20'14
morning rise	-3676 Jun 27 j 13:00	23°♉22'41	
direct	-3676 Jun 30 j 00:47	22°♉58'22	
morning max el	-3676 Jul 07 j 05:12	26°♉29'18	18°07'49
	-3676 Jul 10 j 07:21	0°♊	
asc. node	-3676 Jul 10 j 13:56	0°♊21'38	
morning set	-3676 Jul 23 j 04:03	21°♊42'09	
	-3676 Jul 27 j 15:03	0°♋	
superior conj	-3676 Aug 02 j 02:48	9°♋59'14	1°42'40
minimum elong	-3676 Aug 02 j 05:42	10°♋12'12	1°42'40
max. Earth dist.	-3676 Aug 09 j 16:24	23°♋06'22	1.41435 AU
	-3676 Aug 13 j 20:18	0°♌	
evening rise	-3676 Aug 15 j 06:27	2°♌18'27	
desc. node	-3676 Aug 21 j 19:26	12°♌37'06	
	-3676 Sep 02 j 13:09	0°♍	
greatest brilliancy	-3676 Sep 12 j 21:08	13°♍44'57	-0.3m
evening max el	-3676 Sep 17 j 15:56	19°♍06'43	22°36'51
retrograde	-3676 Sep 27 j 09:46	24°♍53'39	
evening set	-3676 Oct 02 j 00:28	23°♍01'57	

asc. node	-3676 Oct 06 j 12:57	17°♍51'23	
inferior conj	-3676 Oct 07 j 08:58	16°♍42'28	0°17'10
minimum elong	-3676 Oct 07 j 08:34	16°♍43'52	0°17'01
min. Earth dist.	-3676 Oct 07 j 06:52	16°♍49'44	0.67440 AU
morning rise	-3676 Oct 12 j 16:35	10°♍27'09	
direct	-3676 Oct 17 j 03:17	8°♍40'31	
morning max el	-3676 Oct 26 j 10:41	14°♍12'07	22°08'11
greatest brilliancy	-3676 Oct 31 j 04:50	19°♍35'30	-0.4m
	-3676 Nov 08 j 01:01	0°♎	
desc. node	-3676 Nov 17 j 19:10	14°♎14'01	
	-3676 Nov 27 j 22:24	0°♏	
morning set	-3676 Nov 28 j 04:43	0°♏25'23	
max. Earth dist.	-3676 Dec 04 j 04:39	10°♏15'59	1.41156 AU
superior conj	-3676 Dec 11 j 21:55	23°♏34'35	-1°-53'-56
minimum elong	-3676 Dec 11 j 20:13	23°♏27'03	1°54'01
	-3676 Dec 15 j 11:46	0°♐	
evening rise	-3676 Dec 22 j 07:14	12°♐34'20	
	-3675 Jan 01 j 02:13	0°♑	
asc. node	-3675 Jan 02 j 11:58	2°♑10'29	
evening max el	-3675 Jan 07 j 13:56	8°♑33'49	18°14'42
retrograde	-3675 Jan 14 j 15:13	12°♑06'07	
evening set	-3675 Jan 17 j 04:33	11°♑39'09	
inferior conj	-3675 Jan 24 j 05:41	6°♑52'00	3°59'38
minimum elong	-3675 Jan 24 j 06:42	6°♑49'45	3°59'26
min. Earth dist.	-3675 Jan 27 j 12:53	3°♑58'57	0.60074 AU
morning rise	-3675 Jan 31 j 05:54	1°♑16'19	
	-3675 Feb 02 j 20:02	30℞♐	
direct	-3675 Feb 06 j 22:01	29°♐14'02	
	-3675 Feb 11 j 03:06	0°♑	
desc. node	-3675 Feb 13 j 18:31	1°♑11'57	
morning max el	-3675 Feb 21 j 02:41	6°♑52'53	27°15'38
	-3675 Mar 10 j 12:25	0°♒	
morning set	-3675 Mar 24 j 05:20	25°♒30'16	
	-3675 Mar 26 j 08:43	0°♓	
superior conj	-3675 Mar 31 j 09:15	10°♓52'17	0°00'-57
minimum elong	-3675 Mar 31 j 09:18	10°♓52'32	0°01'00
behind sun begin	-3675 Mar 31 j 04:18	10°♓25'10	
behind sun end	-3675 Mar 31 j 14:18	11°♓19'55	
max. Earth dist.	-3675 Mar 30 j 20:28	9°♓42'20	1.32559 AU
asc. node	-3675 Mar 31 j 11:27	11°♓04'21	
evening rise	-3675 Apr 07 j 09:18	26°♓00'18	
	-3675 Apr 09 j 07:33	0°♈	
	-3675 Apr 26 j 19:57	0°♉	
evening max el	-3675 May 05 j 05:57	9°♉47'26	25°48'27
desc. node	-3675 May 12 j 17:20	15°♉19'27	
retrograde	-3675 May 19 j 07:51	17°♉01'51	
evening set	-3675 May 25 j 04:05	15°♉39'45	
min. Earth dist.	-3675 May 29 j 18:20	12°♉56'07	0.58587 AU
inferior conj	-3675 Jun 02 j 01:53	10°♉31'02	-4°-12'-46
minimum elong	-3675 Jun 01 j 23:21	10°♉35'41	4°12'28
morning rise	-3675 Jun 09 j 22:31	6°♉07'17	
direct	-3675 Jun 12 j 10:02	5°♉47'11	
morning max el	-3675 Jun 20 j 12:18	9°♉36'48	18°39'26
asc. node	-3675 Jun 27 j 11:00	18°♉33'46	
	-3675 Jul 03 j 22:18	0°♊	
morning set	-3675 Jul 06 j 19:14	5°♊30'51	
superior conj	-3675 Jul 15 j 16:46	22°♊37'56	1°49'01
minimum elong	-3675 Jul 15 j 17:05	22°♊39'27	1°49'10
	-3675 Jul 19 j 16:32	0°♋	
max. Earth dist.	-3675 Jul 22 j 19:36	5°♋35'28	1.39506 AU
evening rise	-3675 Jul 27 j 00:04	12°♋49'07	
	-3675 Aug 06 j 15:53	0°♌	
desc. node	-3675 Aug 08 j 16:26	3°♌04'41	
	-3675 Aug 28 j 18:00	0°♍	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3675 Aug 31 j 04:26	2°♍33'45	23°57'34
retrograde	-3675 Sep 11 j 01:15	8°♍57'56	
evening set	-3675 Sep 16 j 06:33	6°♍46'30	
min. Earth dist.	-3675 Sep 21 j 02:54	1°♍07'38	0.67351 AU
inferior conj	-3675 Sep 21 j 15:19	0°♍25'26	0°-36'-30
minimum elong	-3675 Sep 21 j 16:11	0°♍22'32	0°36'05
	-3675 Sep 21 j 22:50	30°℞♌	
asc. node	-3675 Sep 23 j 10:05	28°♌03'23	
morning rise	-3675 Sep 27 j 02:01	24°♌14'58	
direct	-3675 Sep 30 j 23:23	22°♌49'06	
morning max el	-3675 Oct 09 j 05:22	27°♌39'22	20°49'36
	-3675 Oct 11 j 09:01	0°♍	
greatest brilliancy	-3675 Oct 15 j 03:04	4°♍38'17	-0.5m
	-3675 Nov 01 j 15:15	0°♎	
desc. node	-3675 Nov 04 j 16:08	4°♎39'23	
morning set	-3675 Nov 07 j 08:41	8°♎49'26	
max. Earth dist.	-3675 Nov 16 j 10:25	23°♎13'48	1.42934 AU
	-3675 Nov 20 j 13:32	0°♏	
superior conj	-3675 Nov 23 j 01:45	4°♏11'22	-1°-39'-58
minimum elong	-3675 Nov 22 j 20:15	3°♏48'18	1°39'41
evening rise	-3675 Dec 05 j 01:16	24°♏58'44	
	-3675 Dec 07 j 21:10	0°♐	
asc. node	-3675 Dec 20 j 09:02	19°♐50'35	
evening max el	-3675 Dec 22 j 01:14	21°♐41'08	18°08'06
retrograde	-3675 Dec 28 j 16:15	25°♐09'08	
evening set	-3675 Dec 31 j 08:27	24°♐34'48	
inferior conj	-3674 Jan 06 j 21:34	19°♐26'05	3°59'04
minimum elong	-3674 Jan 06 j 20:13	19°♐29'29	3°58'50
min. Earth dist.	-3674 Jan 09 j 18:24	16°♐33'54	0.62044 AU
morning rise	-3674 Jan 13 j 05:50	13°♐35'34	
direct	-3674 Jan 20 j 06:41	11°♐02'56	
desc. node	-3674 Jan 31 j 15:37	16°♐23'20	
morning max el	-3674 Feb 03 j 06:26	18°♐47'33	27°42'14
	-3674 Feb 12 j 19:09	0°♑	
	-3674 Mar 03 j 06:34	0°♒	
morning set	-3674 Mar 08 j 09:54	10°♒05'55	
max. Earth dist.	-3674 Mar 14 j 07:21	22°♒29'18	1.32803 AU
superior conj	-3674 Mar 15 j 19:43	25°♒46'07	0°-26'-11
minimum elong	-3674 Mar 15 j 20:54	25°♒52'32	0°26'03
	-3674 Mar 17 j 18:26	0°♓	
asc. node	-3674 Mar 18 j 08:28	1°♓16'18	
evening rise	-3674 Mar 22 j 20:47	10°♓58'06	
	-3674 Apr 01 j 16:41	0°♈	
evening max el	-3674 Apr 16 j 22:34	20°♈42'16	24°23'40
desc. node	-3674 Apr 29 j 14:27	27°♈39'25	
retrograde	-3674 Apr 30 j 20:27	27°♈43'01	
evening set	-3674 May 05 j 09:28	26°♈56'37	
min. Earth dist.	-3674 May 11 j 10:24	23°♈55'40	0.56773 AU
inferior conj	-3674 May 14 j 02:50	22°♈13'10	-3°-30'-11
minimum elong	-3674 May 13 j 21:12	22°♈22'10	3°28'58
morning rise	-3674 May 22 j 13:03	18°♈08'06	
direct	-3674 May 25 j 00:33	17°♈51'21	
morning max el	-3674 Jun 03 j 11:25	22°♈14'39	19°31'28
	-3674 Jun 09 j 19:56	0°♉	
asc. node	-3674 Jun 14 j 08:04	7°♉25'34	
morning set	-3674 Jun 20 j 19:16	19°♉48'38	
	-3674 Jun 25 j 20:58	0°♊	
superior conj	-3674 Jun 28 j 23:04	6°♊07'55	1°45'42
minimum elong	-3674 Jun 28 j 21:34	6°♊00'30	1°45'46
max. Earth dist.	-3674 Jul 04 j 21:40	17°♊30'07	1.37580 AU
evening rise	-3674 Jul 08 j 19:18	24°♊35'51	
	-3674 Jul 11 j 21:23	0°♋	
desc. node	-3674 Jul 26 j 13:27	23°♋17'29	
	-3674 Jul 31 j 07:11	0°♌	

evening max el	-3674 Aug 13 j 15:11	16°♌04'10	25°14'36
retrograde	-3674 Aug 25 j 12:42	22°♌58'16	
evening set	-3674 Aug 31 j 09:03	20°♌29'02	
min. Earth dist.	-3674 Sep 04 j 20:28	15°♌26'11	0.66950 AU
inferior conj	-3674 Sep 05 j 19:46	14°♌09'53	-1°-29'-42
minimum elong	-3674 Sep 05 j 21:52	14°♌03'02	1°28'46
asc. node	-3674 Sep 10 j 07:13	9°♌00'58	
morning rise	-3674 Sep 11 j 11:11	8°♌07'18	
direct	-3674 Sep 14 j 21:20	6°♌59'24	
morning max el	-3674 Sep 22 j 07:20	11°♌15'35	19°42'55
greatest brilliancy	-3674 Sep 30 j 13:47	21°♌43'54	-0.6m
	-3674 Oct 06 j 04:25	0°♍	
morning set	-3674 Oct 17 j 07:45	17°♍06'33	
desc. node	-3674 Oct 22 j 13:05	25°♍14'40	
	-3674 Oct 25 j 13:52	0°♎	
max. Earth dist.	-3674 Oct 29 j 22:42	6°♎54'10	1.44204 AU
superior conj	-3674 Nov 03 j 02:03	13°♎31'13	-1°-9'-12
minimum elong	-3674 Nov 02 j 19:01	13°♎02'56	1°08'28
	-3674 Nov 13 j 03:17	0°♏	
evening rise	-3674 Nov 17 j 00:11	6°♏30'08	
	-3674 Dec 01 j 11:57	0°♐	
evening max el	-3674 Dec 05 j 13:54	4°♐59'42	18°20'31
asc. node	-3674 Dec 07 j 06:08	6°♐31'41	
retrograde	-3674 Dec 12 j 03:18	8°♐34'20	
evening set	-3674 Dec 14 j 23:25	7°♐51'14	
inferior conj	-3674 Dec 21 j 03:05	2°♐22'55	3°39'32
minimum elong	-3674 Dec 21 j 00:22	2°♐30'33	3°38'58
	-3674 Dec 23 j 06:04	30°℞♏	
min. Earth dist.	-3674 Dec 23 j 09:39	29°♏50'11	0.63793 AU
morning rise	-3674 Dec 26 j 23:47	26°♏21'51	
direct	-3673 Jan 02 j 23:16	23°♏33'19	
	-3673 Jan 15 j 05:54	0°♐	
morning max el	-3673 Jan 16 j 14:25	1°♐17'53	27°32'36
desc. node	-3673 Jan 18 j 12:40	3°♐17'11	
	-3673 Feb 06 j 21:42	0°♑	
morning set	-3673 Feb 20 j 07:19	24°♑15'51	
	-3673 Feb 23 j 03:35	0°♒	
max. Earth dist.	-3673 Feb 25 j 11:30	4°♒49'51	1.33437 AU
superior conj	-3673 Feb 28 j 03:06	10°♒26'22	0°-50'-59
minimum elong	-3673 Feb 28 j 05:20	10°♒38'17	0°50'42
asc. node	-3673 Mar 05 j 05:27	21°♒21'58	
evening rise	-3673 Mar 07 j 08:14	25°♒50'51	
	-3673 Mar 09 j 08:19	0°♓	
	-3673 Mar 28 j 05:17	0°♈	
evening max el	-3673 Mar 29 j 15:03	1°♈24'33	22°49'34
retrograde	-3673 Apr 11 j 20:15	7°♈53'57	
evening set	-3673 Apr 15 j 02:32	7°♈30'39	
desc. node	-3673 Apr 16 j 11:35	7°♈07'39	
min. Earth dist.	-3673 Apr 23 j 00:49	4°♈00'43	0.55538 AU
inferior conj	-3673 Apr 24 j 09:03	3°♈14'14	-2°-6'-50
minimum elong	-3673 Apr 24 j 03:48	3°♈21'50	2°05'14
	-3673 Apr 30 j 19:48	30°℞♓	
morning rise	-3673 May 03 j 07:39	29°♓17'24	
direct	-3673 May 05 j 21:29	29°♓01'44	
	-3673 May 10 j 17:18	0°♈	
morning max el	-3673 May 17 j 00:07	4°♈12'50	20°43'27
asc. node	-3673 Jun 01 j 05:04	26°♈46'24	
	-3673 Jun 02 j 20:29	0°♉	
morning set	-3673 Jun 05 j 01:19	4°♉26'57	
superior conj	-3673 Jun 12 j 16:55	20°♉14'10	1°35'12
minimum elong	-3673 Jun 12 j 14:27	20°♉01'37	1°35'04
max. Earth dist.	-3673 Jun 17 j 05:11	29°♉16'33	1.35874 AU
	-3673 Jun 17 j 14:04	0°♊	
evening rise	-3673 Jun 21 j 11:27	7°♊25'56	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3673 Jul 04 j 14:19	0°♋	
desc. node	-3673 Jul 13 j 10:30	13°♋08'12	
evening max el	-3673 Jul 27 j 02:14	29°♋36'01	26°20'07
	-3673 Jul 27 j 12:11	0°♌	
retrograde	-3673 Aug 08 j 19:23	6°♌48'56	
evening set	-3673 Aug 15 j 05:54	4°♌06'47	
	-3673 Aug 19 j 03:15	30°℞♋	
min. Earth dist.	-3673 Aug 19 j 09:07	29°♋42'07	0.66207 AU
inferior conj	-3673 Aug 20 j 20:25	27°♋53'11	-2°-20'-37
minimum elong	-3673 Aug 20 j 23:34	27°♋43'27	2°19'23
morning rise	-3673 Aug 26 j 18:07	22°♋01'43	
asc. node	-3673 Aug 28 j 04:19	21°♋23'33	
direct	-3673 Aug 29 j 19:26	21°♋08'22	
morning max el	-3673 Sep 05 j 15:45	24°♋58'57	18°51'08
	-3673 Sep 09 j 20:31	0°♌	
morning set	-3673 Sep 27 j 00:32	26°♌20'00	
	-3673 Sep 29 j 07:56	0°♍	
desc. node	-3673 Oct 09 j 10:02	15°♍56'28	
max. Earth dist.	-3673 Oct 12 j 15:34	21°♍01'50	1.44813 AU
superior conj	-3673 Oct 13 j 05:21	21°♍56'09	0°-24'-2
minimum elong	-3673 Oct 13 j 02:13	21°♍43'46	0°23'36
	-3673 Oct 18 j 07:55	0°♎	
evening rise	-3673 Oct 28 j 23:40	17°♎00'46	
	-3673 Nov 06 j 01:18	0°♏	
evening max el	-3673 Nov 19 j 01:20	18°♏24'34	18°50'49
asc. node	-3673 Nov 24 j 03:13	21°♏58'47	
retrograde	-3673 Nov 25 j 20:36	22°♏15'18	
evening set	-3673 Nov 28 j 22:16	21°♏21'28	
inferior conj	-3673 Dec 04 j 18:38	15°♏36'02	3°07'07
minimum elong	-3673 Dec 04 j 15:30	15°♏45'38	3°06'12
min. Earth dist.	-3673 Dec 06 j 10:30	13°♏34'12	0.65211 AU
morning rise	-3673 Dec 10 j 07:40	9°♏27'19	
direct	-3673 Dec 16 j 22:25	6°♏37'56	
morning max el	-3673 Dec 29 j 23:55	14°♏13'01	26°50'52
desc. node	-3672 Jan 05 j 09:40	21°♏23'53	
	-3672 Jan 11 j 22:10	0°♐	
	-3672 Jan 30 j 13:35	0°♑	
morning set	-3672 Feb 03 j 18:16	7°♑49'25	
max. Earth dist.	-3672 Feb 08 j 05:27	16°♑35'28	1.34507 AU
superior conj	-3672 Feb 12 j 05:20	24°♑46'22	-1°-14'-10
minimum elong	-3672 Feb 12 j 08:20	25°♑01'55	1°13'51
	-3672 Feb 14 j 17:17	0°♒	
evening rise	-3672 Feb 19 j 17:53	10°♒32'36	
asc. node	-3672 Feb 20 j 02:27	11°♒16'58	
	-3672 Mar 01 j 01:17	0°♓	
evening max el	-3672 Mar 10 j 13:33	12°♓21'13	21°19'36
retrograde	-3672 Mar 22 j 10:19	18°♓02'43	
evening set	-3672 Mar 24 j 22:20	17°♓48'26	
desc. node	-3672 Apr 02 j 08:40	14°♓17'17	
inferior conj	-3672 Apr 03 j 04:43	13°♓49'06	0°-13'-56
minimum elong	-3672 Apr 03 j 04:03	13°♓50'01	0°13'46
transit middle	-3672 Apr 03 j 04:03	13°♓50'01	0°13'46
transit begin	-3672 Apr 03 j 02:02	13°♓52'53	
transit end	-3672 Apr 03 j 06:05	13°♓47'10	
min. Earth dist.	-3672 Apr 03 j 14:47	13°♓34'54	0.55154 AU
morning rise	-3672 Apr 12 j 09:30	9°♓44'26	
direct	-3672 Apr 15 j 09:46	9°♓24'34	
morning max el	-3672 Apr 28 j 01:51	15°♓28'40	22°12'30
	-3672 May 09 j 05:49	0°♈	
asc. node	-3672 May 18 j 02:03	16°♈28'47	
morning set	-3672 May 19 j 11:11	19°♈19'30	
	-3672 May 24 j 12:37	0°♉	
superior conj	-3672 May 26 j 18:44	4°♉46'05	1°19'26
minimum elong	-3672 May 26 j 16:04	4°♉32'03	1°19'08
max. Earth dist.	-3672 May 29 j 22:24	11°♉19'45	1.34508 AU
evening rise	-3672 Jun 03 j 19:15	21°♉04'19	
	-3672 Jun 08 j 13:01	0°♊	
	-3672 Jun 27 j 11:03	0°♋	
desc. node	-3672 Jun 29 j 07:34	2°♋26'56	
evening max el	-3672 Jul 08 j 13:48	13°♋01'10	27°05'56
retrograde	-3672 Jul 21 j 20:38	20°♋22'30	
evening set	-3672 Jul 28 j 18:31	17°♋35'45	
min. Earth dist.	-3672 Aug 01 j 14:28	13°♋49'27	0.65096 AU
inferior conj	-3672 Aug 03 j 15:05	11°♋30'57	-3°-7'-6
minimum elong	-3672 Aug 03 j 18:53	11°♋20'07	3°05'54
morning rise	-3672 Aug 09 j 20:34	5°♋54'03	
direct	-3672 Aug 12 j 15:27	5°♋12'00	
asc. node	-3672 Aug 14 j 01:23	5°♋22'48	
morning max el	-3672 Aug 19 j 04:37	8°♋45'23	18°15'52
	-3672 Sep 02 j 16:52	0°♌	
morning set	-3672 Sep 06 j 20:37	6°♌53'16	
superior conj	-3672 Sep 21 j 07:09	0°♍21'21	0°25'17
minimum elong	-3672 Sep 21 j 10:15	0°♍33'41	0°24'57
	-3672 Sep 21 j 01:47	0°♍	
max. Earth dist.	-3672 Sep 24 j 10:00	5°♍18'11	1.44690 AU
desc. node	-3672 Sep 25 j 07:00	6°♍41'08	
evening rise	-3672 Oct 07 j 22:40	26°♍29'32	
	-3672 Oct 10 j 04:46	0°♎	
greatest brilliancy	-3672 Oct 23 j 23:40	21°♎02'23	-0.7m
	-3672 Oct 30 j 16:46	0°♏	
evening max el	-3672 Nov 01 j 09:08	1°♏51'17	19°37'34
retrograde	-3672 Nov 08 j 17:04	6°♏06'41	
asc. node	-3672 Nov 10 j 00:19	5°♏56'53	
evening set	-3672 Nov 12 j 02:20	4°♏59'43	
	-3672 Nov 16 j 22:47	30°℞♎	
inferior conj	-3672 Nov 17 j 17:15	29°♎00'11	2°25'53
minimum elong	-3672 Nov 17 j 14:23	29°♎09'32	2°24'52
min. Earth dist.	-3672 Nov 18 j 19:38	27°♎34'14	0.66267 AU
morning rise	-3672 Nov 23 j 01:44	22°♎46'09	
direct	-3672 Nov 29 j 03:12	20°♎07'42	
morning max el	-3672 Dec 11 j 09:05	27°♎21'22	25°44'40
	-3672 Dec 13 j 21:11	0°♏	
desc. node	-3672 Dec 22 j 06:41	10°♏21'36	
	-3671 Jan 04 j 14:17	0°♐	
morning set	-3671 Jan 16 j 14:16	20°♐32'43	
max. Earth dist.	-3671 Jan 20 j 11:52	27°♐50'23	1.36025 AU
	-3671 Jan 21 j 14:51	0°♑	
superior conj	-3671 Jan 25 j 23:49	8°♑37'35	-1°-34'-10
minimum elong	-3671 Jan 26 j 02:59	8°♑53'33	1°33'58
evening rise	-3671 Feb 02 j 23:46	24°♑56'37	
asc. node	-3671 Feb 05 j 23:28	0°♒55'48	
	-3671 Feb 05 j 12:09	0°♒	
evening max el	-3671 Feb 20 j 21:53	23°♒49'08	20°03'16
retrograde	-3671 Mar 03 j 02:20	28°♒39'27	
evening set	-3671 Mar 05 j 09:23	28°♒25'49	
inferior conj	-3671 Mar 14 j 03:40	24°♒25'42	1°38'25
minimum elong	-3671 Mar 14 j 07:38	24°♒19'41	1°37'05
min. Earth dist.	-3671 Mar 16 j 04:46	23°♒11'28	0.55699 AU
desc. node	-3671 Mar 20 j 05:44	21°♒01'27	
morning rise	-3671 Mar 23 j 03:07	19°♒56'56	
direct	-3671 Mar 27 j 01:26	19°♒22'59	
morning max el	-3671 Apr 09 j 19:22	26°♒12'18	23°51'19
	-3671 Apr 13 j 09:39	0°♓	
	-3671 May 01 j 20:41	0°♈	
morning set	-3671 May 03 j 23:04	4°♈20'25	
asc. node	-3671 May 04 j 23:03	6°♈26'44	
superior conj	-3671 May 11 j 01:54	19°♈35'26	0°59'50
minimum elong	-3671 May 10 j 23:34	19°♈22'57	0°59'29

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3671 May 13 j 01:14	23°♈48'41	1.33506 AU
	-3671 May 15 j 23:56	0°♉	
evening rise	-3671 May 18 j 14:14	5°♉17'42	
	-3671 Jun 01 j 04:42	0°♊	
desc. node	-3671 Jun 16 j 04:36	21°♊00'26	
evening max el	-3671 Jun 21 j 00:18	26°♊07'48	27°25'04
	-3671 Jun 25 j 14:30	0°♋	
retrograde	-3671 Jul 04 j 16:08	3°♋31'11	
evening set	-3671 Jul 11 j 19:48	0°♋51'29	
	-3671 Jul 12 j 21:53	30°℞♊	
min. Earth dist.	-3671 Jul 15 j 10:37	27°♊39'26	0.63606 AU
inferior conj	-3671 Jul 18 j 01:15	24°♊58'20	-3°-46'-6
minimum elong	-3671 Jul 18 j 04:55	24°♊48'50	3°45'14
morning rise	-3671 Jul 24 j 15:58	19°♊39'20	
direct	-3671 Jul 27 j 06:36	19°♊05'48	
asc. node	-3671 Jul 31 j 22:27	20°♊52'22	
morning max el	-3671 Aug 02 j 19:33	22°♊30'38	17°58'08
	-3671 Aug 08 j 15:22	0°♋	
morning set	-3671 Aug 19 j 18:11	18°♋39'29	
	-3671 Aug 26 j 08:20	0°♌	
superior conj	-3671 Sep 01 j 04:28	9°♌46'28	1°06'26
minimum elong	-3671 Sep 01 j 10:13	10°♌10'08	1°05'54
max. Earth dist.	-3671 Sep 07 j 02:25	19°♌23'24	1.43860 AU
desc. node	-3671 Sep 12 j 04:00	27°♌25'49	
	-3671 Sep 13 j 19:21	0°♍	
evening rise	-3671 Sep 17 j 04:57	5°♍17'01	
	-3671 Oct 03 j 15:32	0°♎	
greatest brilliancy	-3671 Oct 09 j 10:46	8°♎04'22	-0.5m
evening max el	-3671 Oct 15 j 11:31	15°♎17'54	20°38'49
retrograde	-3671 Oct 23 j 14:23	20°♎05'36	
evening set	-3671 Oct 27 j 09:22	18°♎42'59	
asc. node	-3671 Oct 27 j 21:25	18°♎19'35	
inferior conj	-3671 Nov 01 j 20:34	12°♎32'43	1°38'42
minimum elong	-3671 Nov 01 j 18:26	12°♎39'57	1°37'50
min. Earth dist.	-3671 Nov 02 j 11:02	11°♎43'36	0.66971 AU
morning rise	-3671 Nov 07 j 03:02	6°♎15'50	
direct	-3671 Nov 12 j 13:17	3°♎55'30	
morning max el	-3671 Nov 23 j 17:51	10°♎35'40	24°23'25
desc. node	-3671 Dec 09 j 03:42	29°♎55'48	
	-3671 Dec 09 j 04:53	0°♏	
	-3671 Dec 28 j 07:25	0°♐	
morning set	-3671 Dec 29 j 13:39	2°♐10'42	
max. Earth dist.	-3670 Jan 02 j 09:36	8°♐58'21	1.37917 AU
superior conj	-3670 Jan 09 j 07:09	21°♐50'59	-1°-48'-51
minimum elong	-3670 Jan 09 j 09:33	22°♐02'31	1°48'52
	-3670 Jan 13 j 11:22	0°♑	
evening rise	-3670 Jan 17 j 23:42	8°♑56'56	
asc. node	-3670 Jan 23 j 20:30	20°♑12'34	
	-3670 Jan 29 j 19:07	0°♒	
evening max el	-3670 Feb 03 j 16:40	5°♒53'06	19°05'21
retrograde	-3670 Feb 12 j 08:05	10°♒01'20	
evening set	-3670 Feb 14 j 16:41	9°♒44'10	
inferior conj	-3670 Feb 22 j 18:10	5°♒30'12	3°02'07
minimum elong	-3670 Feb 22 j 22:58	5°♒21'50	3°00'54
min. Earth dist.	-3670 Feb 25 j 20:02	3°♒22'44	0.57047 AU
morning rise	-3670 Mar 03 j 01:25	0°♒30'45	
	-3670 Mar 04 j 13:27	30°℞♑	
desc. node	-3670 Mar 07 j 02:51	29°♑31'15	
direct	-3670 Mar 08 j 05:01	29°♑28'25	
	-3670 Mar 11 j 20:53	0°♒	
morning max el	-3670 Mar 22 j 10:21	6°♒47'36	25°27'01
	-3670 Apr 08 j 10:14	0°♓	
morning set	-3670 Apr 18 j 11:12	19°♓22'46	
asc. node	-3670 Apr 21 j 20:03	26°♓34'21	
	-3670 Apr 23 j 09:55	0°♈	

superior conj	-3670 Apr 25 j 12:13	4°♈34'13	0°37'32
minimum elong	-3670 Apr 25 j 10:38	4°♈25'35	0°37'14
max. Earth dist.	-3670 Apr 26 j 10:52	6°♈37'26	1.32862 AU
evening rise	-3670 May 02 j 16:55	19°♈54'23	
	-3670 May 07 j 19:08	0°♉	
	-3670 May 26 j 13:39	0°♊	
desc. node	-3670 Jun 03 j 01:40	8°♊28'54	
evening max el	-3670 Jun 03 j 07:16	8°♊42'22	27°12'44
retrograde	-3670 Jun 17 j 05:14	16°♊04'53	
evening set	-3670 Jun 24 j 05:51	13°♊46'28	
min. Earth dist.	-3670 Jun 27 j 20:47	10°♊58'11	0.61776 AU
inferior conj	-3670 Jun 30 j 23:43	8°♊07'26	-4°-13'-2
minimum elong	-3670 Jul 01 j 02:05	8°♊02'00	4°12'41
morning rise	-3670 Jul 08 j 01:03	3°♊09'06	
direct	-3670 Jul 10 j 13:21	2°♊41'59	
morning max el	-3670 Jul 17 j 09:44	6°♊07'38	17°58'46
asc. node	-3670 Jul 18 j 19:32	7°♊36'59	
	-3670 Aug 01 j 17:33	0°♋	
morning set	-3670 Aug 02 j 11:49	1°♋23'02	
superior conj	-3670 Aug 13 j 05:20	20°♋33'24	1°33'31
minimum elong	-3670 Aug 13 j 09:45	20°♋52'32	1°33'18
	-3670 Aug 18 j 18:42	0°♌	
max. Earth dist.	-3670 Aug 20 j 13:31	2°♌57'20	1.42440 AU
evening rise	-3670 Aug 27 j 12:25	14°♌09'38	
desc. node	-3670 Aug 30 j 00:59	18°♌06'47	
	-3670 Sep 06 j 20:13	0°♍	
greatest brilliancy	-3670 Sep 23 j 11:20	23°♍12'11	-0.4m
evening max el	-3670 Sep 28 j 07:40	28°♍43'26	21°51'35
	-3670 Sep 29 j 15:04	0°♎	
retrograde	-3670 Oct 07 j 10:35	4°♎08'46	
evening set	-3670 Oct 11 j 17:27	2°♎28'15	
	-3670 Oct 14 j 04:45	30°℞♍	
asc. node	-3670 Oct 14 j 18:32	29°♍18'00	
inferior conj	-3670 Oct 17 j 02:29	26°♍10'57	0°47'38
minimum elong	-3670 Oct 17 j 01:24	26°♍14'42	0°47'11
min. Earth dist.	-3670 Oct 17 j 06:16	25°♍57'51	0.67352 AU
morning rise	-3670 Oct 22 j 09:06	19°♍54'00	
direct	-3670 Oct 27 j 04:03	17°♍54'55	
morning max el	-3670 Nov 06 j 04:01	23°♍52'50	22°56'51
greatest brilliancy	-3670 Nov 11 j 00:42	29°♍20'41	-0.3m
	-3670 Nov 11 j 13:33	0°♎	
desc. node	-3670 Nov 26 j 00:43	19°♎55'48	
	-3670 Dec 02 j 15:40	0°♏	
morning set	-3670 Dec 10 j 10:27	12°♏28'52	
max. Earth dist.	-3670 Dec 15 j 05:34	20°♏33'24	1.39985 AU
	-3670 Dec 20 j 14:38	0°♐	
superior conj	-3670 Dec 22 j 22:56	4°♐15'06	-1°-55'-20
minimum elong	-3670 Dec 22 j 23:09	4°♐16'08	1°55'29
evening rise	-3669 Jan 01 j 14:55	22°♐26'43	
	-3669 Jan 05 j 14:55	0°♑	
asc. node	-3669 Jan 10 j 17:33	9°♑00'05	
evening max el	-3669 Jan 17 j 20:11	18°♑29'02	18°27'28
retrograde	-3669 Jan 25 j 08:13	22°♑09'59	
evening set	-3669 Jan 27 j 19:49	21°♑47'01	
inferior conj	-3669 Feb 04 j 05:10	17°♑12'56	3°48'13
minimum elong	-3669 Feb 04 j 07:48	17°♑07'34	3°47'46
min. Earth dist.	-3669 Feb 07 j 14:40	14°♑29'27	0.58908 AU
morning rise	-3669 Feb 11 j 16:17	11°♑48'11	
direct	-3669 Feb 17 j 22:02	10°♑07'19	
desc. node	-3669 Feb 21 j 23:57	10°♑49'01	
morning max el	-3669 Mar 04 j 04:27	17°♑42'07	26°44'21
	-3669 Mar 14 j 10:08	0°♒	
	-3669 Mar 31 j 19:18	0°♓	
morning set	-3669 Apr 02 j 21:55	4°♓20'24	
asc. node	-3669 Apr 08 j 17:04	16°♓47'14	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3669 Apr 09 j 23:56	19°♓36'12	0°13'26
minimum elong	-3669 Apr 09 j 23:21	19°♓32'57	0°13'17
behind sun begin	-3669 Apr 09 j 20:38	19°♓18'08	
behind sun end	-3669 Apr 10 j 02:03	19°♓47'46	
max. Earth dist.	-3669 Apr 09 j 23:52	19°♓35'52	1.32568 AU
	-3669 Apr 14 j 18:44	0°♈	
evening rise	-3669 Apr 17 j 00:43	4°♈45'33	
	-3669 Apr 30 j 13:42	0°♉	
evening max el	-3669 May 16 j 08:46	20°♉36'36	26°27'43
desc. node	-3669 May 20 j 22:45	24°♉25'14	
retrograde	-3669 May 30 j 10:36	27°♉55'25	
evening set	-3669 Jun 05 j 20:26	26°♉11'09	
min. Earth dist.	-3669 Jun 09 j 21:59	23°♉30'31	0.59747 AU
inferior conj	-3669 Jun 13 j 06:57	20°♉49'42	-4°-20'-49
minimum elong	-3669 Jun 13 j 06:31	20°♉50'33	4°20'42
morning rise	-3669 Jun 20 j 20:10	16°♉13'17	
direct	-3669 Jun 23 j 07:35	15°♉51'01	
morning max el	-3669 Jun 30 j 20:16	19°♉28'35	18°18'46
asc. node	-3669 Jul 05 j 16:36	25°♉21'14	
	-3669 Jul 08 j 16:07	0°♊	
morning set	-3669 Jul 16 j 20:22	14°♊51'07	
	-3669 Jul 24 j 21:26	0°♋	
superior conj	-3669 Jul 26 j 07:22	2°♋35'38	1°46'43
minimum elong	-3669 Jul 26 j 09:07	2°♋43'37	1°46'48
max. Earth dist.	-3669 Aug 02 j 18:49	15°♋49'29	1.40630 AU
evening rise	-3669 Aug 07 j 15:11	23°♋57'47	
	-3669 Aug 11 j 08:38	0°♌	
desc. node	-3669 Aug 16 j 21:58	8°♌40'31	
	-3669 Aug 31 j 18:04	0°♍	
greatest brilliancy	-3669 Sep 05 j 07:24	5°♍49'52	-0.2m
evening max el	-3669 Sep 10 j 22:28	12°♍09'45	23°11'12
retrograde	-3669 Sep 21 j 04:06	18°♍13'24	
evening set	-3669 Sep 26 j 00:45	16°♍13'30	
inferior conj	-3669 Oct 01 j 09:11	9°♍52'52	0°-5'-33
minimum elong	-3669 Oct 01 j 09:18	9°♍52'26	0°05'28
transit middle	-3669 Oct 01 j 09:18	9°♍52'26	0°05'28
transit begin	-3669 Oct 01 j 06:45	10°♍01'12	
transit end	-3669 Oct 01 j 11:51	9°♍43'40	
min. Earth dist.	-3669 Oct 01 j 02:47	10°♍14'52	0.67438 AU
asc. node	-3669 Oct 01 j 15:41	9°♍30'32	
morning rise	-3669 Oct 06 j 17:52	3°♍38'57	
direct	-3669 Oct 10 j 22:40	2°♍01'17	
morning max el	-3669 Oct 19 j 18:42	7°♍14'56	21°33'25
greatest brilliancy	-3669 Oct 24 j 21:35	13°♍08'24	-0.4m
	-3669 Nov 06 j 01:47	0°♎	
desc. node	-3669 Nov 12 j 21:42	10°♎13'30	
morning set	-3669 Nov 20 j 02:46	21°♎25'20	
	-3669 Nov 25 j 10:56	0°♏	
max. Earth dist.	-3669 Nov 27 j 06:39	2°♏59'17	1.41959 AU
superior conj	-3669 Dec 04 j 17:31	15°♏35'06	-1°-49'-57
minimum elong	-3669 Dec 04 j 14:11	15°♏20'41	1°49'56
	-3669 Dec 12 j 20:13	0°♐	
evening rise	-3669 Dec 15 j 17:51	5°♐17'07	
asc. node	-3669 Dec 28 j 14:39	27°♐08'10	
	-3669 Dec 30 j 20:51	0°♑	
evening max el	-3668 Jan 01 j 05:33	1°♑27'30	18°09'34
retrograde	-3668 Jan 08 j 01:10	4°♑56'07	
evening set	-3668 Jan 10 j 15:44	4°♑26'06	
	-3668 Jan 16 j 22:29	30°℞♐	
inferior conj	-3668 Jan 17 j 11:26	29°♐29'56	4°02'07
minimum elong	-3668 Jan 17 j 11:21	29°♐30'09	4°01'59
min. Earth dist.	-3668 Jan 20 j 15:11	26°♐34'25	0.60933 AU
morning rise	-3668 Jan 24 j 04:21	23°♐47'31	
direct	-3668 Jan 31 j 01:48	21°♐30'28	
desc. node	-3668 Feb 08 j 21:04	24°♐44'45	
morning max el	-3668 Feb 14 j 04:27	29°♐12'20	27°31'19
	-3668 Feb 14 j 23:33	0°♑	
	-3668 Mar 07 j 05:42	0°♒	
morning set	-3668 Mar 17 j 05:17	19°♒05'41	
	-3668 Mar 22 j 08:52	0°♓	
max. Earth dist.	-3668 Mar 23 j 12:34	2°♓30'25	1.32619 AU
superior conj	-3668 Mar 24 j 11:19	4°♓34'21	0°-11'-38
minimum elong	-3668 Mar 24 j 11:50	4°♓37'14	0°11'37
behind sun begin	-3668 Mar 24 j 08:24	4°♓18'26	
behind sun end	-3668 Mar 24 j 15:17	4°♓56'04	
asc. node	-3668 Mar 25 j 14:04	7°♓00'27	
evening rise	-3668 Mar 31 j 11:24	19°♓42'41	
	-3668 Apr 05 j 13:14	0°♈	
	-3668 Apr 25 j 08:31	0°♉	
evening max el	-3668 Apr 27 j 04:10	1°♉49'51	25°14'30
desc. node	-3668 May 06 j 19:51	8°♉14'11	
retrograde	-3668 May 11 j 05:36	8°♉59'31	
evening set	-3668 May 16 j 13:05	7°♉53'55	
min. Earth dist.	-3668 May 21 j 16:29	5°♉04'19	0.57765 AU
inferior conj	-3668 May 24 j 19:28	2°♉55'29	-3°-59'-35
minimum elong	-3668 May 24 j 15:24	3°♉02'31	3°58'57
	-3668 May 29 j 11:31	30°℞♈	
morning rise	-3668 Jun 01 j 21:46	28°♈40'02	
direct	-3668 Jun 04 j 09:10	28°♈21'29	
	-3668 Jun 09 j 21:25	0°♉	
morning max el	-3668 Jun 13 j 00:11	2°♉23'59	18°59'03
asc. node	-3668 Jun 21 j 13:39	13°♉51'23	
morning set	-3668 Jun 29 j 15:42	28°♉53'13	
	-3668 Jun 30 j 05:17	0°♊	
superior conj	-3668 Jul 08 j 04:53	15°♊37'38	1°48'38
minimum elong	-3668 Jul 08 j 04:19	15°♊34'56	1°48'46
max. Earth dist.	-3668 Jul 14 j 20:58	28°♊02'10	1.38673 AU
	-3668 Jul 15 j 23:17	0°♋	
evening rise	-3668 Jul 18 j 20:05	5°♋01'57	
desc. node	-3668 Aug 02 j 18:57	29°♋02'40	
	-3668 Aug 03 j 10:24	0°♌	
evening max el	-3668 Aug 23 j 10:07	25°♌39'19	24°31'20
	-3668 Aug 28 j 13:21	0°♍	
retrograde	-3668 Sep 03 j 17:50	2°♍16'49	
evening set	-3668 Sep 09 j 05:31	29°♌57'41	
	-3668 Sep 09 j 04:26	30°℞♌	
min. Earth dist.	-3668 Sep 13 j 22:05	24°♌33'44	0.67222 AU
inferior conj	-3668 Sep 14 j 14:56	23°♌37'14	0°-59'-13
minimum elong	-3668 Sep 14 j 16:20	23°♌32'34	0°58'33
asc. node	-3668 Sep 17 j 12:47	19°♌56'00	
morning rise	-3668 Sep 20 j 03:25	17°♌29'38	
direct	-3668 Sep 23 j 19:51	16°♌11'34	
morning max el	-3668 Oct 01 j 16:24	20°♌46'00	20°19'33
greatest brilliancy	-3668 Oct 08 j 09:50	28°♌55'55	-0.6m
	-3668 Oct 09 j 04:38	0°♍	
morning set	-3668 Oct 29 j 01:41	29°♍38'05	
	-3668 Oct 29 j 07:21	0°♎	
desc. node	-3668 Oct 29 j 18:40	0°♎43'55	
max. Earth dist.	-3668 Nov 08 j 15:43	16°♎18'34	1.43555 AU
superior conj	-3668 Nov 14 j 09:45	25°♎39'36	-1°-29'-1
minimum elong	-3668 Nov 14 j 03:04	25°♎12'08	1°28'29
	-3668 Nov 17 j 00:34	0°♏	
evening rise	-3668 Nov 27 j 04:21	17°♏20'20	
	-3668 Dec 04 j 12:21	0°♐	
asc. node	-3668 Dec 14 j 11:43	14°♐25'09	
evening max el	-3668 Dec 14 j 17:49	14°♐40'46	18°11'04
retrograde	-3668 Dec 21 j 06:57	18°♐09'59	
evening set	-3668 Dec 24 j 00:47	17°♐31'56	
inferior conj	-3668 Dec 30 j 09:35	12°♐14'28	3°52'39

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3668 Dec 30 j 07:31	12°♐19'53	3°52'17
min. Earth dist.	-3667 Jan 02 j 00:28	9°♐29'01	0.62834 AU
morning rise	-3667 Jan 05 j 12:27	6°♐19'18	
direct	-3667 Jan 12 j 13:55	3°♐38'13	
desc. node	-3667 Jan 25 j 18:09	10°♐43'48	
morning max el	-3667 Jan 26 j 10:09	11°♐22'36	27°42'21
	-3667 Feb 10 j 04:41	0°♑	
	-3667 Feb 27 j 12:44	0°♒	
morning set	-3667 Mar 01 j 07:06	3°♒31'00	
max. Earth dist.	-3667 Mar 06 j 21:07	15°♒07'42	1.33032 AU
superior conj	-3667 Mar 08 j 20:40	19°♒22'49	0°-36'-50
minimum elong	-3667 Mar 08 j 22:19	19°♒31'43	0°36'37
asc. node	-3667 Mar 12 j 11:03	27°♒10'05	
	-3667 Mar 13 j 18:37	0°♓	
evening rise	-3667 Mar 15 j 23:04	4°♓39'01	
	-3667 Mar 29 j 17:20	0°♈	
evening max el	-3667 Apr 08 j 19:59	12°♈35'34	23°43'49
retrograde	-3667 Apr 22 j 12:09	19°♈24'39	
desc. node	-3667 Apr 23 j 16:58	19°♈21'25	
evening set	-3667 Apr 26 j 11:30	18°♈49'53	
min. Earth dist.	-3667 May 03 j 07:15	15°♈38'16	0.56162 AU
inferior conj	-3667 May 05 j 11:50	14°♈18'44	-2°-59'-36
minimum elong	-3667 May 05 j 05:47	14°♈27'57	2°58'03
morning rise	-3667 May 14 j 03:41	10°♈18'53	
direct	-3667 May 16 j 15:57	10°♈02'50	
morning max el	-3667 May 26 j 18:53	14°♈44'42	19°59'50
	-3667 Jun 06 j 19:50	0°♉	
asc. node	-3667 Jun 08 j 10:39	2°♉56'12	
morning set	-3667 Jun 13 j 18:33	13°♉20'22	
superior conj	-3667 Jun 21 j 16:32	29°♉24'00	1°42'00
minimum elong	-3667 Jun 21 j 14:31	29°♉13'56	1°41'59
	-3667 Jun 21 j 23:45	0°♊	
max. Earth dist.	-3667 Jun 27 j 00:57	9°♊51'04	1.36815 AU
evening rise	-3667 Jul 01 j 00:47	17°♊16'43	
	-3667 Jul 08 j 08:00	0°♋	
desc. node	-3667 Jul 20 j 15:58	19°♋06'57	
	-3667 Jul 28 j 17:50	0°♌	
evening max el	-3667 Aug 05 j 20:51	9°♌10'52	25°44'25
retrograde	-3667 Aug 18 j 03:06	16°♌13'46	
evening set	-3667 Aug 24 j 05:51	13°♌38'09	
min. Earth dist.	-3667 Aug 28 j 13:41	8°♌51'38	0.66679 AU
inferior conj	-3667 Aug 29 j 17:57	7°♌21'13	-1°-51'-41
minimum elong	-3667 Aug 29 j 20:32	7°♌12'58	1°50'35
morning rise	-3667 Sep 04 j 11:52	1°♌23'10	
asc. node	-3667 Sep 04 j 09:53	1°♌26'20	
direct	-3667 Sep 07 j 18:03	0°♌21'49	
morning max el	-3667 Sep 14 j 21:18	4°♌25'38	19°19'03
greatest brilliancy	-3667 Sep 25 j 06:56	18°♌11'43	-0.7m
	-3667 Oct 02 j 23:35	0°♍	
morning set	-3667 Oct 08 j 06:10	8°♍13'53	
desc. node	-3667 Oct 16 j 15:36	21°♍22'22	
	-3667 Oct 22 j 03:05	0°♎	
max. Earth dist.	-3667 Oct 22 j 06:52	0°♎14'57	1.44555 AU
superior conj	-3667 Oct 24 j 23:26	4°♎30'51	0°-51'-21
minimum elong	-3667 Oct 24 j 17:23	4°♎06'47	0°50'38
evening rise	-3667 Nov 08 j 17:44	28°♎26'59	
	-3667 Nov 09 j 16:14	0°♏	
evening max el	-3667 Nov 28 j 06:12	28°♏02'13	18°31'12
	-3667 Nov 30 j 11:08	0°♐	
asc. node	-3667 Dec 01 j 08:48	0°♐36'39	
retrograde	-3667 Dec 04 j 21:13	1°♐42'45	
evening set	-3667 Dec 07 j 19:29	0°♐55'15	
	-3667 Dec 09 j 05:23	30°℞♏	
inferior conj	-3667 Dec 13 j 19:46	25°♏18'58	3°27'05
minimum elong	-3667 Dec 13 j 16:46	25°♏27'43	3°26'20
min. Earth dist.	-3667 Dec 15 j 19:52	22°♏58'40	0.64442 AU
morning rise	-3667 Dec 19 j 12:47	19°♏14'15	
direct	-3667 Dec 26 j 09:06	16°♏24'02	
morning max el	-3666 Jan 08 j 19:17	24°♏05'34	27°18'25
desc. node	-3666 Jan 12 j 15:12	28°♏11'46	
	-3666 Jan 14 j 04:08	0°♐	
	-3666 Feb 03 j 12:39	0°♑	
morning set	-3666 Feb 13 j 00:34	17°♑27'11	
max. Earth dist.	-3666 Feb 17 j 21:37	27°♑15'33	1.33840 AU
	-3666 Feb 19 j 05:19	0°♒	
superior conj	-3666 Feb 21 j 02:08	3°♒55'21	-1°-1'-7
minimum elong	-3666 Feb 21 j 04:44	4°♒09'07	1°00'48
asc. node	-3666 Feb 27 j 08:03	17°♒12'00	
evening rise	-3666 Feb 28 j 10:00	19°♒28'12	
	-3666 Mar 05 j 15:33	0°♓	
evening max el	-3666 Mar 21 j 14:12	23°♓20'44	22°10'00
retrograde	-3666 Apr 03 j 07:15	29°♓31'50	
evening set	-3666 Apr 06 j 04:00	29°♓13'39	
desc. node	-3666 Apr 10 j 14:05	27°♓42'41	
min. Earth dist.	-3666 Apr 14 j 21:09	25°♓27'14	0.55258 AU
inferior conj	-3666 Apr 15 j 12:09	25°♓06'02	-1°-21'-3
minimum elong	-3666 Apr 15 j 08:30	25°♓11'13	1°19'51
morning rise	-3666 Apr 24 j 14:36	21°♓08'34	
direct	-3666 Apr 27 j 07:26	20°♓52'06	
morning max el	-3666 May 09 j 02:57	26°♓25'20	21°19'41
	-3666 May 12 j 12:05	0°♈	
asc. node	-3666 May 26 j 07:39	22°♈27'19	
morning set	-3666 May 29 j 02:29	28°♈05'57	
	-3666 May 30 j 00:32	0°♉	
superior conj	-3666 Jun 05 j 14:11	13°♉42'54	1°29'04
minimum elong	-3666 Jun 05 j 11:34	13°♉29'19	1°28'52
max. Earth dist.	-3666 Jun 09 j 12:20	21°♉42'39	1.35242 AU
	-3666 Jun 13 j 18:04	0°♊	
evening rise	-3666 Jun 14 j 00:12	0°♊29'12	
	-3666 Jul 01 j 09:39	0°♋	
desc. node	-3666 Jul 07 j 12:59	8°♋45'31	
evening max el	-3666 Jul 19 j 07:59	22°♋40'17	26°42'23
retrograde	-3666 Aug 01 j 07:35	29°♋58'18	
evening set	-3666 Aug 07 j 23:32	27°♋12'35	
min. Earth dist.	-3666 Aug 11 j 23:22	23°♋04'43	0.65781 AU
inferior conj	-3666 Aug 13 j 16:19	21°♋02'20	-2°-41'-2
minimum elong	-3666 Aug 13 j 19:49	20°♋51'52	2°39'47
morning rise	-3666 Aug 19 j 17:11	15°♋16'57	
asc. node	-3666 Aug 22 j 06:57	14°♋29'37	
direct	-3666 Aug 22 j 15:25	14°♋28'55	
morning max el	-3666 Aug 29 j 07:58	18°♋11'08	18°34'06
	-3666 Sep 07 j 03:56	0°♌	
morning set	-3666 Sep 18 j 10:09	18°♌00'13	
	-3666 Sep 25 j 21:25	0°♍	
superior conj	-3666 Oct 03 j 23:08	12°♍47'23	0°-2'-49
minimum elong	-3666 Oct 03 j 22:46	12°♍45'58	0°02'44
behind sun begin	-3666 Oct 03 j 11:32	12°♍01'37	
behind sun end	-3666 Oct 04 j 10:01	13°♍30'18	
desc. node	-3666 Oct 03 j 12:32	12°♍05'37	
max. Earth dist.	-3666 Oct 05 j 00:40	14°♍28'00	1.44847 AU
	-3666 Oct 14 j 21:24	0°♎	
evening rise	-3666 Oct 20 j 06:34	8°♎30'28	
	-3666 Nov 02 j 23:54	0°♏	
evening max el	-3666 Nov 11 j 16:16	11°♏27'49	19°08'45
asc. node	-3666 Nov 18 j 05:53	15°♏27'25	
retrograde	-3666 Nov 18 j 16:19	15°♏28'29	
evening set	-3666 Nov 21 j 20:51	14°♏29'30	
inferior conj	-3666 Nov 27 j 14:40	8°♏37'33	2°50'32

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3666 Nov 27 j 11:35	8°♏47'19	2°49'33
min. Earth dist.	-3666 Nov 29 j 00:37	6°♏50'32	0.65699 AU
morning rise	-3666 Dec 03 j 01:24	2°♏25'58	
	-3666 Dec 07 j 04:20	30°℞♎	
direct	-3666 Dec 09 j 10:46	29°♎40'03	
	-3666 Dec 11 j 19:52	0°♏	
morning max el	-3666 Dec 22 j 05:01	7°♏08'28	26°25'11
desc. node	-3666 Dec 30 j 12:13	16°♏42'28	
	-3665 Jan 09 j 00:52	0°♐	
	-3665 Jan 26 j 20:57	0°♑	
morning set	-3665 Jan 27 j 05:50	0°♑41'39	
max. Earth dist.	-3665 Jan 31 j 10:40	8°♑46'47	1.35095 AU
superior conj	-3665 Feb 05 j 01:26	18°♑04'10	-1°-23'-10
minimum elong	-3665 Feb 05 j 04:35	18°♑20'24	1°22'53
	-3665 Feb 10 j 19:21	0°♒	
evening rise	-3665 Feb 12 j 18:19	4°♒03'13	
asc. node	-3665 Feb 14 j 05:04	7°♒00'52	
	-3665 Feb 27 j 15:47	0°♓	
evening max el	-3665 Mar 03 j 16:36	4°♓29'34	20°45'06
retrograde	-3665 Mar 14 j 20:57	9°♓49'18	
evening set	-3665 Mar 17 j 05:13	9°♓36'09	
inferior conj	-3665 Mar 26 j 07:32	5°♓38'31	0°35'46
minimum elong	-3665 Mar 26 j 09:09	5°♓36'11	0°35'09
min. Earth dist.	-3665 Mar 27 j 11:24	4°♓58'22	0.55269 AU
desc. node	-3665 Mar 28 j 11:12	4°♓24'37	
morning rise	-3665 Apr 04 j 11:33	1°♓24'50	
direct	-3665 Apr 07 j 19:30	1°♓00'41	
morning max el	-3665 Apr 21 j 00:52	7°♓26'19	22°53'58
	-3665 May 06 j 23:24	0°♈	
asc. node	-3665 May 13 j 04:39	12°♈16'55	
morning set	-3665 May 13 j 13:26	13°♈02'40	
superior conj	-3665 May 20 j 18:36	28°♈23'25	1°11'31
minimum elong	-3665 May 20 j 16:02	28°♈09'42	1°11'11
	-3665 May 21 j 12:49	0°♉	
max. Earth dist.	-3665 May 23 j 09:33	3°♉55'12	1.34034 AU
evening rise	-3665 May 28 j 13:16	14°♉24'01	
	-3665 Jun 05 j 22:26	0°♊	
desc. node	-3665 Jun 24 j 10:03	27°♊46'53	
	-3665 Jun 26 j 06:00	0°♋	
evening max el	-3665 Jul 01 j 19:12	5°♋58'24	27°17'40
retrograde	-3665 Jul 15 j 06:43	13°♋22'06	
evening set	-3665 Jul 22 j 07:47	10°♋36'37	
min. Earth dist.	-3665 Jul 26 j 01:05	7°♋05'38	0.64502 AU
inferior conj	-3665 Jul 28 j 07:42	4°♋36'08	-3°-24'-50
minimum elong	-3665 Jul 28 j 11:34	4°♋25'32	3°23'44
	-3665 Aug 02 j 04:15	30°℞♊	
morning rise	-3665 Aug 03 j 16:58	29°♊06'31	
direct	-3665 Aug 06 j 09:39	28°♊28'34	
asc. node	-3665 Aug 09 j 04:01	29°♊08'20	
	-3665 Aug 10 j 15:10	0°♋	
morning max el	-3665 Aug 12 j 22:03	1°♋57'36	18°06'06
morning set	-3665 Aug 30 j 17:37	29°♋05'40	
	-3665 Aug 31 j 06:29	0°♌	
superior conj	-3665 Sep 13 j 07:20	21°♌32'50	0°44'16
minimum elong	-3665 Sep 13 j 12:09	21°♌52'17	0°43'45
max. Earth dist.	-3665 Sep 17 j 17:58	28°♌39'20	1.44411 AU
	-3665 Sep 18 j 14:19	0°♍	
desc. node	-3665 Sep 20 j 09:31	2°♍50'38	
evening rise	-3665 Sep 29 j 20:45	17°♍36'56	
	-3665 Oct 07 j 22:08	0°♎	
greatest brilliancy	-3665 Oct 18 j 17:32	15°♎58'21	-0.6m
evening max el	-3665 Oct 25 j 21:57	24°♎54'57	20°02'05
retrograde	-3665 Nov 02 j 13:24	29°♎23'28	
asc. node	-3665 Nov 05 j 02:59	28°♎45'17	
evening set	-3665 Nov 06 j 02:26	28°♎10'22	
inferior conj	-3665 Nov 11 j 15:35	22°♎06'02	2°06'30
minimum elong	-3665 Nov 11 j 12:59	22°♎14'41	2°05'31
min. Earth dist.	-3665 Nov 12 j 12:50	20°♎55'26	0.66602 AU
morning rise	-3665 Nov 16 j 22:54	15°♎50'20	
direct	-3665 Nov 22 j 18:05	13°♎18'37	
morning max el	-3665 Dec 04 j 13:49	20°♎19'58	25°11'22
	-3665 Dec 12 j 21:57	0°♏	
desc. node	-3665 Dec 17 j 09:14	5°♏57'36	
	-3664 Jan 02 j 04:50	0°♐	
morning set	-3664 Jan 09 j 17:55	12°♐59'56	
max. Earth dist.	-3664 Jan 13 j 12:23	19°♐53'32	1.36789 AU
	-3664 Jan 18 j 19:07	0°♑	
superior conj	-3664 Jan 19 j 15:42	1°♑41'15	-1°-41'-12
minimum elong	-3664 Jan 19 j 18:42	1°♑56'01	1°41'05
evening rise	-3664 Jan 27 j 22:01	18°♑18'12	
asc. node	-3664 Feb 01 j 02:07	26°♑31'21	
	-3664 Feb 02 j 22:39	0°♒	
evening max el	-3664 Feb 14 j 05:40	16°♒13'54	19°36'17
retrograde	-3664 Feb 23 j 17:19	20°♒44'09	
evening set	-3664 Feb 26 j 00:40	20°♒29'24	
inferior conj	-3664 Mar 05 j 12:03	16°♒24'59	2°18'22
minimum elong	-3664 Mar 05 j 16:53	16°♒17'16	2°16'54
min. Earth dist.	-3664 Mar 08 j 02:03	14°♒46'26	0.56194 AU
morning rise	-3664 Mar 14 j 05:35	11°♒42'58	
desc. node	-3664 Mar 14 j 08:18	11°♒40'46	
direct	-3664 Mar 18 j 16:19	10°♒58'24	
morning max el	-3664 Apr 01 j 16:28	18°♒02'47	24°33'06
	-3664 Apr 11 j 12:27	0°♓	
morning set	-3664 Apr 27 j 01:37	28°♓04'35	
	-3664 Apr 27 j 23:30	0°♈	
asc. node	-3664 Apr 29 j 01:39	2°♈19'20	
superior conj	-3664 May 04 j 03:22	13°♈17'27	0°50'40
minimum elong	-3664 May 04 j 01:19	13°♈06'22	0°50'18
max. Earth dist.	-3664 May 05 j 15:36	16°♈32'58	1.33196 AU
evening rise	-3664 May 11 j 11:57	28°♈48'39	
	-3664 May 12 j 02:04	0°♉	
	-3664 May 29 j 02:40	0°♊	
desc. node	-3664 Jun 10 j 07:07	15°♊55'20	
evening max el	-3664 Jun 13 j 04:42	18°♊53'11	27°23'53
retrograde	-3664 Jun 26 j 23:40	26°♊16'13	
evening set	-3664 Jul 04 j 03:05	23°♊44'12	
min. Earth dist.	-3664 Jul 07 j 17:12	20°♊43'32	0.62861 AU
inferior conj	-3664 Jul 10 j 13:19	17°♊56'34	-3°-59'-25
minimum elong	-3664 Jul 10 j 16:37	17°♊48'27	3°58'46
morning rise	-3664 Jul 17 j 08:22	12°♊45'45	
direct	-3664 Jul 19 j 21:46	12°♊15'10	
asc. node	-3664 Jul 26 j 01:06	15°♊11'11	
morning max el	-3664 Jul 26 j 12:56	15°♊39'26	17°56'01
	-3664 Aug 05 j 13:45	0°♋	
morning set	-3664 Aug 12 j 00:25	11°♋17'49	
	-3664 Aug 22 j 18:27	0°♌	
superior conj	-3664 Aug 23 j 16:04	1°♌31'14	1°19'45
minimum elong	-3664 Aug 23 j 21:35	1°♌54'27	1°19'19
max. Earth dist.	-3664 Aug 30 j 08:20	12°♌32'36	1.43317 AU
desc. node	-3664 Sep 06 j 06:28	23°♌33'46	
evening rise	-3664 Sep 08 j 00:56	26°♌19'21	
	-3664 Sep 10 j 10:01	0°♍	
	-3664 Sep 30 j 22:43	0°♎	
greatest brilliancy	-3664 Oct 02 j 12:39	2°♎03'46	-0.5m
evening max el	-3664 Oct 07 j 21:48	8°♎21'08	21°08'45
retrograde	-3664 Oct 16 j 10:19	13°♎23'57	
evening set	-3664 Oct 20 j 10:07	11°♎54'02	
asc. node	-3664 Oct 22 j 00:06	10°♎28'39	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3664 Oct 25 j 20:13	5°♎40'37	1°17'23	
minimum elong	-3664 Oct 25 j 18:30	5°♎46'30	1°16'41	
min. Earth dist.	-3664 Oct 26 j 06:05	5°♎06'48	0.67171 AU	
	-3664 Oct 30 j 10:38	30°℞♍		
morning rise	-3664 Oct 31 j 02:31	29°♍23'30		
direct	-3664 Nov 05 j 06:19	27°♍11'49		
	-3664 Nov 11 j 22:40	0°♎		
morning max el	-3664 Nov 15 j 22:36	3°♎34'12	23°46'44	
desc. node	-3664 Dec 03 j 06:14	25°♎43'32		
	-3664 Dec 06 j 03:58	0°♏		
morning set	-3664 Dec 21 j 06:34	24°♏04'40		
	-3664 Dec 24 j 16:47	0°♐		
max. Earth dist.	-3664 Dec 25 j 08:20	1°♐08'26	1.38793 AU	
superior conj	-3663 Jan 01 j 17:03	14°♐35'14	-1°-52'-48	
minimum elong	-3663 Jan 01 j 18:43	14°♐43'04	1°52'54	
	-3663 Jan 09 j 16:45	0°♑		
evening rise	-3663 Jan 10 j 18:35	2°♑06'02		
asc. node	-3663 Jan 17 j 23:10	15°♑36'27		
evening max el	-3663 Jan 27 j 04:30	28°♑32'14	18°46'46	
	-3663 Jan 28 j 21:08	0°♒		
retrograde	-3663 Feb 04 j 06:37	2°♒26'37		
evening set	-3663 Feb 06 j 16:42	2°♒07'01		
	-3663 Feb 11 j 05:39	30°℞♑		
inferior conj	-3663 Feb 14 j 11:02	27°♑44'47	3°26'05	
minimum elong	-3663 Feb 14 j 15:09	27°♑37'10	3°25'13	
min. Earth dist.	-3663 Feb 17 j 18:07	25°♑19'36	0.57805 AU	
morning rise	-3663 Feb 22 j 09:52	22°♑34'01		
direct	-3663 Feb 28 j 01:45	21°♑15'54		
desc. node	-3663 Mar 01 j 05:25	21°♑19'09		
morning max el	-3663 Mar 14 j 07:59	28°♑42'12	26°02'57	
	-3663 Mar 15 j 15:06	0°♒		
	-3663 Apr 04 j 23:45	0°♓		
morning set	-3663 Apr 11 j 13:24	13°♓05'43		
asc. node	-3663 Apr 15 j 22:41	22°♓29'39		
superior conj	-3663 Apr 18 j 14:31	28°♓18'14	0°27'30	
minimum elong	-3663 Apr 18 j 13:20	28°♓11'45	0°27'14	
max. Earth dist.	-3663 Apr 19 j 03:21	29°♓28'24	1.32702 AU	
	-3663 Apr 19 j 09:09	0°♈		
evening rise	-3663 Apr 25 j 17:09	13°♈32'46		
	-3663 May 04 j 04:33	0°♉		
	-3663 May 25 j 04:27	0°♊		
evening max el	-3663 May 26 j 09:49	1°♊12'21	26°57'28	
desc. node	-3663 May 28 j 04:12	2°♊48'50		
retrograde	-3663 Jun 09 j 09:23	8°♊32'39		
evening set	-3663 Jun 16 j 05:21	6°♊27'41		
min. Earth dist.	-3663 Jun 19 j 23:21	3°♊44'49	0.60930 AU	
inferior conj	-3663 Jun 23 j 05:50	0°♊55'59	-4°-19'-14	
minimum elong	-3663 Jun 23 j 07:12	0°♊53'03	4°19'03	
	-3663 Jun 24 j 08:01	30°℞♉		
morning rise	-3663 Jun 30 j 12:02	26°♉06'40		
direct	-3663 Jul 02 j 23:58	25°♉41'37		
morning max el	-3663 Jul 10 j 01:55	29°♉10'40	18°04'50	
	-3663 Jul 10 j 21:24	0°♊		
asc. node	-3663 Jul 12 j 22:11	2°♊23'04		
morning set	-3663 Jul 26 j 01:03	24°♊22'26		
	-3663 Jul 29 j 01:57	0°♋		
superior conj	-3663 Aug 05 j 04:20	12°♋52'11	1°40'42	
minimum elong	-3663 Aug 05 j 07:39	13°♋06'52	1°40'37	
max. Earth dist.	-3663 Aug 12 j 17:36	25°♋52'25	1.41708 AU	
	-3663 Aug 15 j 05:22	0°♌		
evening rise	-3663 Aug 18 j 15:05	5°♌31'28		
desc. node	-3663 Aug 24 j 03:27	14°♌12'14		
	-3663 Sep 03 j 17:11	0°♍		
greatest brilliancy	-3663 Sep 15 j 21:59	16°♍27'37	-0.3m	

evening max el	-3663 Sep 20 j 15:33	21°♍46'51	22°24'56	
retrograde	-3663 Sep 30 j 05:25	27°♍28'10		
evening set	-3663 Oct 04 j 18:05	25°♍39'17		
asc. node	-3663 Oct 08 j 21:14	21°♍01'04		
inferior conj	-3663 Oct 10 j 02:40	19°♍20'13	0°25'12	
minimum elong	-3663 Oct 10 j 02:05	19°♍22'14	0°24'59	
min. Earth dist.	-3663 Oct 10 j 02:03	19°♍22'21	0.67429 AU	
morning rise	-3663 Oct 15 j 09:58	13°♍04'27		
direct	-3663 Oct 19 j 22:44	11°♍14'42		
morning max el	-3663 Oct 29 j 10:22	16°♍52'57	22°20'35	
greatest brilliancy	-3663 Nov 03 j 03:10	22°♍11'14	-0.3m	
	-3663 Nov 09 j 03:07	0°♎		
desc. node	-3663 Nov 20 j 03:13	15°♎51'33		
	-3663 Nov 29 j 06:37	0°♏		
morning set	-3663 Dec 01 j 14:52	3°♏45'46		
max. Earth dist.	-3663 Dec 07 j 06:21	13°♏05'10	1.40858 AU	
superior conj	-3663 Dec 15 j 00:29	26°♏33'16	-1°-54'-44	
minimum elong	-3663 Dec 14 j 23:20	26°♏28'07	1°54'52	
	-3663 Dec 16 j 22:25	0°♐		
evening rise	-3663 Dec 25 j 05:01	15°♐19'49		
	-3662 Jan 02 j 06:53	0°♑		
asc. node	-3662 Jan 04 j 20:14	4°♑08'09		
evening max el	-3662 Jan 10 j 10:46	11°♑18'02	18°17'23	
retrograde	-3662 Jan 17 j 14:34	14°♑52'18		
evening set	-3662 Jan 20 j 03:25	14°♑26'26		
inferior conj	-3662 Jan 27 j 06:34	9°♑42'36	3°57'31	
minimum elong	-3662 Jan 27 j 08:00	9°♑39'29	3°57'18	
min. Earth dist.	-3662 Jan 30 j 14:40	6°♑51'17	0.59766 AU	
morning rise	-3662 Feb 03 j 09:30	4°♑09'27		
direct	-3662 Feb 09 j 23:11	2°♑12'36		
desc. node	-3662 Feb 16 j 02:32	3°♑47'14		
morning max el	-3662 Feb 24 j 04:34	9°♑50'42	27°08'40	
	-3662 Mar 11 j 17:21	0°♒		
morning set	-3662 Mar 26 j 22:57	27°♒59'04		
	-3662 Mar 27 j 22:06	0°♓		
max. Earth dist.	-3662 Apr 02 j 16:52	12°♓27'38	1.32548 AU	
asc. node	-3662 Apr 02 j 19:40	12°♓43'00		
superior conj	-3662 Apr 03 j 02:16	13°♓19'07	0°02'54	
minimum elong	-3662 Apr 03 j 02:08	13°♓18'24	0°02'48	
behind sun begin	-3662 Apr 02 j 21:12	12°♓51'22		
behind sun end	-3662 Apr 03 j 07:05	13°♓45'27		
evening rise	-3662 Apr 10 j 02:24	28°♓27'13		
	-3662 Apr 10 j 20:11	0°♈		
	-3662 Apr 27 j 18:19	0°♉		
evening max el	-3662 May 08 j 08:29	12°♉47'54	25°59'27	
desc. node	-3662 May 15 j 01:19	17°♉55'57		
retrograde	-3662 May 22 j 10:31	20°♉03'54		
evening set	-3662 May 28 j 10:42	18°♉35'53		
min. Earth dist.	-3662 Jun 01 j 21:01	15°♉53'39	0.58883 AU	
inferior conj	-3662 Jun 05 j 05:28	13°♉23'40	-4°-15'-59	
minimum elong	-3662 Jun 05 j 03:30	13°♉27'22	4°15'47	
morning rise	-3662 Jun 13 j 00:09	8°♉56'51		
direct	-3662 Jun 15 j 11:38	8°♉36'14		
morning max el	-3662 Jun 23 j 10:03	12°♉22'11	18°33'25	
asc. node	-3662 Jun 29 j 19:14	20°♉28'12		
	-3662 Jul 05 j 08:08	0°♊		
morning set	-3662 Jul 09 j 14:39	8°♊06'08		
superior conj	-3662 Jul 18 j 15:25	25°♊22'13	1°48'45	
minimum elong	-3662 Jul 18 j 16:06	25°♊25'22	1°48'52	
	-3662 Jul 21 j 03:38	0°♋		
max. Earth dist.	-3662 Jul 25 j 21:10	8°♋27'05	1.39800 AU	
evening rise	-3662 Jul 30 j 04:47	15°♋50'53		
	-3662 Aug 07 j 23:02	0°♌		
desc. node	-3662 Aug 11 j 00:27	4°♌41'34		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3662 Aug	29	j 10:33	0°♍			-3661 Jul	13	j 07:25	0°♋	
evening max el	-3662 Sep	03	j 04:32	5°♍13'26	23°45'32	desc. node	-3661 Jul	28	j 21:26	24°♋56'42	
retrograde	-3662 Sep	13	j 21:31	11°♍32'41			-3661 Aug	01	j 09:51	0°♌	
evening set	-3662 Sep	19	j 00:32	9°♍24'11		evening max el	-3661 Aug	16	j 15:24	18°♌43'24	25°03'43
inferior conj	-3662 Sep	24	j 09:10	3°♍02'59	0°-28'-22	retrograde	-3661 Aug	28	j 09:35	25°♌33'40	
minimum elong	-3662 Sep	24	j 09:50	3°♍00'43	0°28'02	evening set	-3661 Sep	03	j 03:39	23°♌07'00	
min. Earth dist.	-3662 Sep	23	j 22:18	3°♍40'03	0.67384 AU	min. Earth dist.	-3661 Sep	07	j 16:24	17°♌58'30	0.67030 AU
asc. node	-3662 Sep	25	j 18:21	1°♍11'21		inferior conj	-3661 Sep	08	j 13:59	16°♌47'22	-1°-21'-43
	-3662 Sep	26	j 16:45	30°℞♌		minimum elong	-3661 Sep	08	j 15:54	16°♌41'03	1°20'52
morning rise	-3662 Sep	29	j 19:17	26°♌51'29		asc. node	-3661 Sep	12	j 15:26	11°♌58'51	
direct	-3662 Oct	03	j 18:28	25°♌22'43		morning rise	-3661 Sep	14	j 04:34	10°♌43'15	
	-3662 Oct	11	j 20:28	0°♍		direct	-3661 Sep	17	j 16:16	9°♌32'48	
morning max el	-3662 Oct	12	j 03:59	0°♍18'57	21°00'33	morning max el	-3661 Sep	25	j 04:49	13°♌53'35	19°51'55
greatest brilliancy	-3662 Oct	17	j 20:09	6°♍58'17	-0.5m	greatest brilliancy	-3661 Oct	03	j 00:12	23°♌39'50	-0.6m
	-3662 Nov	02	j 21:51	0°♎			-3661 Oct	07	j 09:11	0°♍	
desc. node	-3662 Nov	07	j 00:12	6°♎15'00		morning set	-3661 Oct	20	j 19:43	20°♍30'04	
morning set	-3662 Nov	10	j 21:31	12°♎16'40		desc. node	-3661 Oct	24	j 21:08	26°♍48'55	
max. Earth dist.	-3662 Nov	19	j 10:47	25°♎54'31	1.42692 AU		-3661 Oct	26	j 21:59	0°♎	
	-3662 Nov	21	j 22:41	0°♏		max. Earth dist.	-3661 Nov	01	j 22:08	9°♎29'10	1.44055 AU
superior conj	-3662 Nov	26	j 08:17	7°♏21'31	-1°-43'-10	superior conj	-3661 Nov	06	j 12:38	16°♎52'29	-1°-14'-56
minimum elong	-3662 Nov	26	j 03:19	7°♏00'29	1°42'55	minimum elong	-3661 Nov	06	j 05:31	16°♎23'43	1°14'14
evening rise	-3662 Dec	08	j 01:31	27°♏51'15			-3661 Nov	14	j 12:14	0°♏	
	-3662 Dec	09	j 06:18	0°♐		evening rise	-3661 Nov	20	j 03:32	9°♏30'48	
asc. node	-3662 Dec	22	j 17:18	21°♐56'03			-3661 Dec	02	j 12:13	0°♐	
evening max el	-3662 Dec	24	j 21:39	24°♐23'21	18°07'55	evening max el	-3661 Dec	08	j 10:17	7°♐40'28	18°17'31
retrograde	-3662 Dec	31	j 13:38	27°♐51'12		asc. node	-3661 Dec	09	j 14:23	8°♐46'46	
evening set	-3661 Jan	03	j 05:21	27°♐18'04		retrograde	-3661 Dec	14	j 23:21	11°♐13'17	
inferior conj	-3661 Jan	09	j 20:06	22°♐12'41	4°00'31	evening set	-3661 Dec	17	j 18:50	10°♐31'32	
minimum elong	-3661 Jan	09	j 19:03	22°♐15'16	4°00'19	inferior conj	-3661 Dec	23	j 23:46	5°♐06'04	3°43'26
min. Earth dist.	-3661 Jan	12	j 18:55	19°♐18'50	0.61758 AU	minimum elong	-3661 Dec	23	j 21:11	5°♐13'11	3°42'54
morning rise	-3661 Jan	16	j 06:27	16°♐24'02		min. Earth dist.	-3661 Dec	26	j 08:34	2°♐29'33	0.63554 AU
direct	-3661 Jan	23	j 06:44	13°♐54'56			-3661 Dec	28	j 20:41	30°℞♏	
desc. node	-3661 Feb	02	j 23:37	18°♐39'59		morning rise	-3661 Dec	29	j 21:57	29°♏06'30	
morning max el	-3661 Feb	06	j 07:26	21°♐39'21	27°40'35	direct	-3660 Jan	05	j 22:16	26°♏19'18	
	-3661 Feb	13	j 15:41	0°♑			-3660 Jan	14	j 22:55	0°♐	
	-3661 Mar	04	j 17:04	0°♒		morning max el	-3660 Jan	19	j 14:47	4°♐04'06	27°36'12
morning set	-3661 Mar	11	j 04:17	12°♒37'30		desc. node	-3660 Jan	20	j 20:40	5°♐20'02	
max. Earth dist.	-3661 Mar	17	j 04:17	25°♒16'53	1.32742 AU		-3660 Feb	08	j 04:14	0°♑	
						morning set	-3660 Feb	23	j 02:55	26°♑51'22	
superior conj	-3661 Mar	18	j 13:00	28°♒14'16	0°-22'-21		-3660 Feb	24	j 16:26	0°♒	
minimum elong	-3661 Mar	18	j 14:01	28°♒19'46	0°22'14	max. Earth dist.	-3660 Feb	28	j 09:35	7°♒41'16	1.33317 AU
	-3661 Mar	19	j 08:26	0°♓							
asc. node	-3661 Mar	20	j 16:40	2°♓55'32		superior conj	-3660 Mar	01	j 20:56	12°♒56'36	0°-47'-19
evening rise	-3661 Mar	25	j 13:43	13°♓24'57		minimum elong	-3660 Mar	01	j 23:01	13°♒07'46	0°47'02
	-3661 Apr	03	j 00:14	0°♈		asc. node	-3660 Mar	06	j 13:40	23°♒02'16	
evening max el	-3661 Apr	20	j 01:38	23°♈46'33	24°37'14	evening rise	-3660 Mar	09	j 01:14	28°♒18'30	
	-3661 Apr	29	j 08:46	0°♉			-3660 Mar	09	j 20:40	0°♓	
desc. node	-3661 May	01	j 22:24	0°♉39'58			-3660 Mar	27	j 14:42	0°♈	
retrograde	-3661 May	04	j 00:56	0°♉50'14		evening max el	-3660 Mar	31	j 17:47	4°♈28'51	23°03'37
evening set	-3661 May	08	j 18:44	29°♈59'15		retrograde	-3660 Apr	14	j 02:19	11°♈03'44	
	-3661 May	08	j 17:52	30°℞♈		evening set	-3660 Apr	17	j 12:41	10°♈37'59	
min. Earth dist.	-3661 May	14	j 13:40	27°♈01'30	0.57017 AU	desc. node	-3660 Apr	17	j 19:30	10°♈33'38	
inferior conj	-3661 May	17	j 09:22	25°♈11'38	-3°-39'-16	min. Earth dist.	-3660 Apr	25	j 04:10	7°♈13'14	0.55677 AU
minimum elong	-3661 May	17	j 04:04	25°♈20'18	3°38'13	inferior conj	-3660 Apr	26	j 18:01	6°♈18'04	-2°-21'-56
morning rise	-3661 May	25	j 17:32	21°♈04'04		minimum elong	-3660 Apr	26	j 12:24	6°♈26'18	2°20'16
direct	-3661 May	28	j 04:55	20°♈46'57		morning rise	-3660 May	05	j 14:58	2°♈20'48	
morning max el	-3661 Jun	06	j 10:26	25°♈04'30	19°22'23	direct	-3660 May	08	j 04:15	2°♈05'07	
	-3661 Jun	10	j 18:23	0°♉		morning max el	-3660 May	19	j 00:40	7°♈08'24	20°31'31
asc. node	-3661 Jun	16	j 16:15	9°♉14'12		asc. node	-3660 Jun	02	j 13:15	28°♈31'01	
morning set	-3661 Jun	23	j 13:29	22°♉19'28			-3660 Jun	03	j 07:41	0°♉	
	-3661 Jun	27	j 09:34	0°♊		morning set	-3660 Jun	06	j 18:46	6°♉55'02	
superior conj	-3661 Jul	01	j 19:33	8°♊44'52	1°46'43	superior conj	-3660 Jun	14	j 11:53	22°♉46'07	1°37'10
minimum elong	-3661 Jul	01	j 18:16	8°♊38'35	1°46'48	minimum elong	-3660 Jun	14	j 09:31	22°♉34'06	1°37'05
max. Earth dist.	-3661 Jul	07	j 22:50	20°♊24'23	1.37859 AU		-3660 Jun	18	j 02:35	0°♊	
evening rise	-3661 Jul	11	j 20:23	27°♊26'29		max. Earth dist.	-3660 Jun	19	j 05:18	2°♊10'44	1.36110 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening rise	-3660 Jun 23 j 09:45	10°♊07'55		
	-3660 Jul 04 j 21:40	0°♋		
desc. node	-3660 Jul 14 j 18:27	14°♋51'05		
	-3660 Jul 26 j 21:18	0°♌		
evening max el	-3660 Jul 29 j 02:26	2°♌15'42	26°11'27	
retrograde	-3660 Aug 10 j 16:55	9°♌26'08		
evening set	-3660 Aug 17 j 01:28	6°♌45'35		
min. Earth dist.	-3660 Aug 21 j 05:55	2°♌15'08	0.66340 AU	
inferior conj	-3660 Aug 22 j 15:18	0°♌31'04	-2°-13'-7	
minimum elong	-3660 Aug 22 j 18:19	0°♌21'39	2°11'55	
	-3660 Aug 23 j 01:18	30°℞♋		
morning rise	-3660 Aug 28 j 11:58	24°♋37'42		
asc. node	-3660 Aug 29 j 12:30	24°♋07'15		
direct	-3660 Aug 31 j 14:31	23°♋42'19		
morning max el	-3660 Sep 07 j 12:22	27°♋35'59	18°57'52	
	-3660 Sep 09 j 15:58	0°♌		
morning set	-3660 Sep 29 j 08:57	29°♌32'57		
	-3660 Sep 29 j 15:48	0°♍		
desc. node	-3660 Oct 10 j 18:05	17°♍29'53		
max. Earth dist.	-3660 Oct 14 j 14:46	23°♍34'58	1.44772 AU	
superior conj	-3660 Oct 15 j 18:07	25°♍22'48	0°-31'-26	
minimum elong	-3660 Oct 15 j 14:04	25°♍06'49	0°30'56	
	-3660 Oct 18 j 16:16	0°♎		
evening rise	-3660 Oct 31 j 06:44	20°♎10'57		
	-3660 Nov 06 j 07:58	0°♏		
evening max el	-3660 Nov 20 j 22:04	21°♏04'31	18°45'09	
asc. node	-3660 Nov 25 j 11:27	24°♏25'49		
retrograde	-3660 Nov 27 j 15:56	24°♏52'09		
evening set	-3660 Nov 30 j 16:42	23°♏59'58		
inferior conj	-3660 Dec 06 j 14:01	18°♏16'47	3°12'40	
minimum elong	-3660 Dec 06 j 10:53	18°♏26'14	3°11'47	
min. Earth dist.	-3660 Dec 08 j 07:59	16°♏10'03	0.65028 AU	
morning rise	-3660 Dec 12 j 04:00	12°♏09'07		
direct	-3660 Dec 18 j 20:23	9°♏19'09		
morning max el	-3659 Jan 01 j 00:12	16°♏55'54	26°58'49	
desc. node	-3659 Jan 06 j 17:43	23°♏17'01		
	-3659 Jan 11 j 23:08	0°♐		
	-3659 Jan 30 j 23:55	0°♑		
morning set	-3659 Feb 05 j 15:39	10°♑30'31		
max. Earth dist.	-3659 Feb 10 j 05:18	19°♑32'10	1.34321 AU	
superior conj	-3659 Feb 14 j 00:04	27°♑19'30	-1°-10'-51	
minimum elong	-3659 Feb 14 j 02:58	27°♑34'41	1°10'31	
	-3659 Feb 15 j 06:41	0°♒		
evening rise	-3659 Feb 21 j 11:16	13°♒01'53		
asc. node	-3659 Feb 21 j 10:41	12°♒58'53		
	-3659 Mar 02 j 06:28	0°♓		
evening max el	-3659 Mar 13 j 14:59	15°♓21'18	21°32'16	
retrograde	-3659 Mar 25 j 17:15	21°♓10'41		
evening set	-3659 Mar 28 j 07:08	20°♓55'39		
desc. node	-3659 Apr 04 j 16:38	17°♓58'26		
inferior conj	-3659 Apr 06 j 14:25	16°♓54'47	0°-31'-49	
minimum elong	-3659 Apr 06 j 12:56	16°♓56'53	0°31'21	
min. Earth dist.	-3659 Apr 06 j 17:57	16°♓49'50	0.55150 AU	
morning rise	-3659 Apr 15 j 18:57	12°♓52'43		
direct	-3659 Apr 18 j 17:00	12°♓33'59		
morning max el	-3659 May 01 j 03:57	18°♓30'03	21°58'27	
	-3659 May 10 j 09:20	0°♈		
asc. node	-3659 May 20 j 10:15	18°♈10'37		
morning set	-3659 May 22 j 04:13	21°♈45'56		
	-3659 May 26 j 02:17	0°♉		
superior conj	-3659 May 29 j 12:43	7°♉14'47	1°22'06	
minimum elong	-3659 May 29 j 10:02	7°♉00'46	1°21'50	
max. Earth dist.	-3659 Jun 01 j 21:07	14°♉11'04	1.34687 AU	
evening rise	-3659 Jun 06 j 15:30	23°♉39'47		
	-3659 Jun 09 j 23:55	0°♊		
	-3659 Jun 28 j 12:02	0°♋		
desc. node	-3659 Jul 01 j 15:30	4°♋15'18		
evening max el	-3659 Jul 11 j 13:57	15°♋42'16	27°00'37	
retrograde	-3659 Jul 24 j 18:57	23°♋02'43		
evening set	-3659 Jul 31 j 15:30	20°♋15'51		
min. Earth dist.	-3659 Aug 04 j 12:25	16°♋24'08	0.65288 AU	
inferior conj	-3659 Aug 06 j 11:01	14°♋09'41	-3°00'-29	
minimum elong	-3659 Aug 06 j 14:46	13°♋58'52	2°59'15	
morning rise	-3659 Aug 12 j 15:16	8°♋30'31		
direct	-3659 Aug 15 j 10:59	7°♋46'58		
asc. node	-3659 Aug 16 j 09:35	7°♋51'48		
morning max el	-3659 Aug 22 j 00:46	11°♋22'14	18°20'04	
	-3659 Sep 04 j 00:21	0°♌		
morning set	-3659 Sep 10 j 00:52	9°♌54'02		
	-3659 Sep 22 j 10:26	0°♍		
superior conj	-3659 Sep 24 j 18:35	3°♍43'18	0°18'06	
minimum elong	-3659 Sep 24 j 20:52	3°♍52'22	0°17'53	
max. Earth dist.	-3659 Sep 27 j 09:23	7°♍51'47	1.44756 AU	
desc. node	-3659 Sep 27 j 15:01	8°♍14'02		
evening rise	-3659 Oct 11 j 09:11	29°♍48'19		
	-3659 Oct 11 j 12:11	0°♎		
greatest brilliancy	-3659 Oct 26 j 07:32	22°♎48'55	-0.7m	
	-3659 Oct 31 j 10:41	0°♏		
evening max el	-3659 Nov 04 j 06:32	4°♏30'57	19°29'36	
retrograde	-3659 Nov 11 j 12:11	8°♏42'17		
asc. node	-3659 Nov 12 j 08:33	8°♏38'08		
evening set	-3659 Nov 14 j 20:11	7°♏37'25		
inferior conj	-3659 Nov 20 j 11:47	1°♏39'37	2°32'34	
minimum elong	-3659 Nov 20 j 08:51	1°♏49'08	2°31'33	
min. Earth dist.	-3659 Nov 21 j 16:03	0°♏08'16	0.66132 AU	
	-3659 Nov 21 j 18:38	30°℞♎		
morning rise	-3659 Nov 25 j 20:46	25°♎26'08		
direct	-3659 Dec 02 j 00:19	22°♎45'36		
	-3659 Dec 14 j 08:17	0°♏		
morning max el	-3659 Dec 14 j 09:39	0°♏03'25	25°55'44	
desc. node	-3659 Dec 24 j 14:46	12°♏08'10		
	-3658 Jan 05 j 21:21	0°♐		
morning set	-3658 Jan 19 j 14:17	23°♐22'33		
	-3658 Jan 23 j 02:50	0°♑		
max. Earth dist.	-3658 Jan 23 j 13:33	0°♑51'29	1.35770 AU	
superior conj	-3658 Jan 28 j 19:56	11°♑15'42	-1°-31'-26	
minimum elong	-3658 Jan 28 j 23:08	11°♑31'54	1°31'13	
evening rise	-3658 Feb 05 j 17:55	27°♑29'14		
	-3658 Feb 06 j 23:37	0°♒		
asc. node	-3658 Feb 08 j 07:44	2°♒40'39		
evening max el	-3658 Feb 23 j 21:46	26°♒44'08	20°13'33	
	-3658 Feb 28 j 05:15	0°♓		
retrograde	-3658 Mar 06 j 08:27	1°♓42'04		
evening set	-3658 Mar 08 j 15:31	1°♓28'44		
	-3658 Mar 12 j 23:12	30°℞♒		
inferior conj	-3658 Mar 17 j 12:04	27°♒29'37	1°22'47	
minimum elong	-3658 Mar 17 j 15:32	27°♒24'26	1°21'34	
min. Earth dist.	-3658 Mar 19 j 07:59	26°♒24'11	0.55555 AU	
desc. node	-3658 Mar 22 j 13:46	24°♒37'36		
morning rise	-3658 Mar 26 j 13:05	23°♒05'09		
direct	-3658 Mar 30 j 07:18	22°♒34'16		
morning max el	-3658 Apr 12 j 22:33	29°♒17'54	23°36'29	
	-3658 Apr 13 j 15:53	0°♓		
	-3658 May 03 j 08:34	0°♈		
morning set	-3658 May 06 j 15:57	6°♈46'17		
asc. node	-3658 May 07 j 07:17	8°♈06'46		
superior conj	-3658 May 13 j 19:17	22°♈02'24	1°03'02	
minimum elong	-3658 May 13 j 16:53	21°♈49'31	1°02'40	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3658 May 15 j 22:38	26°♈36'06	1.33629 AU
	-3658 May 17 j 13:24	0°♉	
evening rise	-3658 May 21 j 09:06	7°♉48'56	
	-3658 Jun 02 j 11:52	0°♊	
desc. node	-3658 Jun 18 j 12:33	22°♊56'48	
evening max el	-3658 Jun 24 j 00:39	28°♊52'03	27°24'03
	-3658 Jun 25 j 05:50	0°♋	
retrograde	-3658 Jul 07 j 15:26	6°♋15'48	
evening set	-3658 Jul 14 j 18:45	3°♋34'00	
min. Earth dist.	-3658 Jul 18 j 10:01	0°♋17'25	0.63855 AU
	-3658 Jul 18 j 16:50	30°℞♊	
inferior conj	-3658 Jul 20 j 22:39	27°♊38'51	-3°-40'-54
minimum elong	-3658 Jul 21 j 02:25	27°♊28'58	3°39'57
morning rise	-3658 Jul 27 j 11:57	22°♊17'07	
direct	-3658 Jul 30 j 03:02	21°♊42'33	
asc. node	-3658 Aug 03 j 06:40	23°♊08'28	
morning max el	-3658 Aug 05 j 15:36	25°♊08'06	17°59'35
	-3658 Aug 09 j 16:09	0°♋	
morning set	-3658 Aug 22 j 18:55	21°♋29'47	
	-3658 Aug 27 j 17:58	0°♌	
superior conj	-3658 Sep 04 j 12:07	12°♌56'51	1°01'04
minimum elong	-3658 Sep 04 j 17:46	13°♌19'59	1°00'31
max. Earth dist.	-3658 Sep 10 j 02:00	21°♌58'25	1.44025 AU
desc. node	-3658 Sep 14 j 11:59	28°♌58'30	
	-3658 Sep 15 j 03:38	0°♍	
evening rise	-3658 Sep 20 j 16:57	8°♍38'50	
	-3658 Oct 04 j 19:34	0°♎	
greatest brilliancy	-3658 Oct 12 j 02:39	10°♎20'26	-0.5m
evening max el	-3658 Oct 18 j 09:46	17°♎57'14	20°28'55
retrograde	-3658 Oct 26 j 09:35	22°♎39'59	
evening set	-3658 Oct 30 j 02:56	21°♎19'57	
asc. node	-3658 Oct 30 j 05:40	21°♎14'55	
inferior conj	-3658 Nov 04 j 14:34	15°♎11'01	1°46'08
minimum elong	-3658 Nov 04 j 12:18	15°♎18'40	1°45'14
min. Earth dist.	-3658 Nov 05 j 06:45	14°♎16'20	0.66884 AU
morning rise	-3658 Nov 09 j 21:10	8°♎54'15	
direct	-3658 Nov 15 j 09:42	6°♎30'52	
morning max el	-3658 Nov 26 j 18:26	13°♎17'08	24°36'05
	-3658 Dec 10 j 07:58	0°♏	
desc. node	-3658 Dec 11 j 11:46	1°♏37'31	
	-3658 Dec 29 j 17:02	0°♐	
morning set	-3657 Jan 01 j 17:11	5°♐11'35	
max. Earth dist.	-3657 Jan 05 j 12:06	11°♐57'47	1.37613 AU
superior conj	-3657 Jan 12 j 05:13	24°♐35'28	-1°-47'-5
minimum elong	-3657 Jan 12 j 07:49	24°♐48'03	1°47'05
	-3657 Jan 14 j 23:33	0°♑	
evening rise	-3657 Jan 20 j 18:56	11°♑33'34	
asc. node	-3657 Jan 26 j 04:47	22°♑01'15	
	-3657 Jan 30 j 19:51	0°♒	
evening max el	-3657 Feb 06 j 15:07	8°♒43'02	19°12'46
retrograde	-3657 Feb 15 j 11:36	12°♒56'36	
evening set	-3657 Feb 17 j 19:43	12°♒40'12	
inferior conj	-3657 Feb 25 j 23:47	8°♒29'00	2°51'50
minimum elong	-3657 Feb 26 j 04:43	8°♒20'37	2°50'31
min. Earth dist.	-3657 Feb 28 j 23:10	6°♒28'28	0.56803 AU
morning rise	-3657 Mar 06 j 09:52	3°♒33'49	
desc. node	-3657 Mar 09 j 10:55	2°♒45'12	
direct	-3657 Mar 11 j 09:03	2°♒36'28	
morning max el	-3657 Mar 25 j 13:32	9°♒52'38	25°13'33
	-3657 Apr 09 j 16:49	0°♓	
morning set	-3657 Apr 21 j 04:10	21°♓48'32	
asc. node	-3657 Apr 24 j 04:18	28°♓13'03	
	-3657 Apr 25 j 00:04	0°♈	
superior conj	-3657 Apr 28 j 05:18	7°♈00'07	0°41'05
minimum elong	-3657 Apr 28 j 03:35	6°♈50'47	0°40'45
max. Earth dist.	-3657 Apr 29 j 07:21	9°♈21'37	1.32935 AU
evening rise	-3657 May 05 j 10:52	22°♈22'36	
	-3657 May 09 j 06:33	0°♉	
	-3657 May 27 j 10:54	0°♊	
desc. node	-3657 Jun 05 j 09:39	10°♊36'33	
evening max el	-3657 Jun 06 j 08:20	11°♊32'02	27°16'40
retrograde	-3657 Jun 20 j 05:43	18°♊55'00	
evening set	-3657 Jun 27 j 07:21	16°♊32'34	
min. Earth dist.	-3657 Jun 30 j 21:46	13°♊41'33	0.62065 AU
inferior conj	-3657 Jul 03 j 23:06	10°♊51'07	-4°-10'-5
minimum elong	-3657 Jul 04 j 01:45	10°♊44'54	4°09'39
morning rise	-3657 Jul 10 j 22:46	5°♊49'30	
direct	-3657 Jul 13 j 11:14	5°♊21'35	
morning max el	-3657 Jul 20 j 06:05	8°♊46'42	17°57'25
asc. node	-3657 Jul 21 j 03:45	9°♊42'34	
	-3657 Aug 03 j 03:28	0°♋	
morning set	-3657 Aug 05 j 09:57	4°♋05'49	
superior conj	-3657 Aug 16 j 08:54	23°♋31'39	1°30'21
minimum elong	-3657 Aug 16 j 13:40	23°♋52'08	1°30'05
	-3657 Aug 20 j 04:25	0°♌	
max. Earth dist.	-3657 Aug 23 j 13:51	5°♌37'22	1.42683 AU
evening rise	-3657 Aug 30 j 22:58	17°♌27'22	
desc. node	-3657 Sep 01 j 08:57	19°♌40'14	
	-3657 Sep 08 j 02:43	0°♍	
greatest brilliancy	-3657 Sep 26 j 08:05	25°♍42'55	-0.4m
	-3657 Sep 29 j 23:27	0°♎	
evening max el	-3657 Oct 01 j 06:52	1°♎23'06	21°40'14
retrograde	-3657 Oct 10 j 06:01	6°♎42'35	
evening set	-3657 Oct 14 j 10:57	5°♎04'58	
asc. node	-3657 Oct 17 j 02:47	2°♎24'18	
	-3657 Oct 18 j 23:25	30°℞♍	
inferior conj	-3657 Oct 19 j 20:13	28°♍48'36	0°55'32
minimum elong	-3657 Oct 19 j 18:57	28°♍52'56	0°55'02
min. Earth dist.	-3657 Oct 20 j 01:35	28°♍30'03	0.67315 AU
morning rise	-3657 Oct 25 j 02:41	22°♍31'25	
direct	-3657 Oct 29 j 23:54	20°♍28'58	
morning max el	-3657 Nov 09 j 04:06	26°♍33'26	23°09'40
	-3657 Nov 12 j 08:04	0°♎	
greatest brilliancy	-3657 Nov 14 j 06:38	2°♎18'20	-0.3m
desc. node	-3657 Nov 28 j 08:45	21°♎33'59	
	-3657 Dec 03 j 22:55	0°♏	
morning set	-3657 Dec 13 j 18:13	15°♏42'01	
max. Earth dist.	-3657 Dec 18 j 07:38	23°♏25'58	1.39677 AU
	-3657 Dec 22 j 01:21	0°♐	
superior conj	-3657 Dec 25 j 23:38	7°♐07'43	-1°-55'-2
minimum elong	-3657 Dec 26 j 00:18	7°♐10'44	1°55'11
evening rise	-3656 Jan 04 j 11:38	25°♐08'01	
	-3656 Jan 07 j 00:49	0°♑	
asc. node	-3656 Jan 13 j 01:51	10°♑53'34	
evening max el	-3656 Jan 20 j 17:32	21°♑14'38	18°31'50
retrograde	-3656 Jan 28 j 08:47	24°♑58'23	
evening set	-3656 Jan 30 j 20:02	24°♑36'19	
inferior conj	-3656 Feb 07 j 07:38	20°♑05'30	3°43'27
minimum elong	-3656 Feb 07 j 10:42	19°♑59'27	3°42'55
min. Earth dist.	-3656 Feb 10 j 17:03	17°♑25'57	0.58616 AU
morning rise	-3656 Feb 14 j 21:46	14°♑44'08	
direct	-3656 Feb 21 j 00:20	13°♑09'05	
desc. node	-3656 Feb 24 j 08:02	13°♑36'37	
morning max el	-3656 Mar 06 j 06:46	20°♑42'01	26°34'30
	-3656 Mar 14 j 07:43	0°♒	
	-3656 Apr 01 j 07:31	0°♓	
morning set	-3656 Apr 04 j 15:10	6°♓46'43	
asc. node	-3656 Apr 10 j 01:18	18°♓25'02	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3656 Apr 11 j 16:53	22°♓01'31	0°17'12
minimum elong	-3656 Apr 11 j 16:07	21°♓57'22	0°17'00
max. Earth dist.	-3656 Apr 11 j 20:04	22°♓18'56	1.32592 AU
	-3656 Apr 15 j 08:43	0°♈	
evening rise	-3656 Apr 18 j 18:01	7°♈11'47	
	-3656 Apr 30 j 19:48	0°♉	
evening max el	-3656 May 18 j 10:50	23°♉32'39	26°36'26
desc. node	-3656 May 22 j 06:46	26°♉48'45	
	-3656 May 27 j 22:17	0°♊	
retrograde	-3656 Jun 01 j 12:14	0°♊51'50	
	-3656 Jun 05 j 23:35	30°℞♉	
evening set	-3656 Jun 08 j 01:02	29°♉02'06	
min. Earth dist.	-3656 Jun 12 j 00:13	26°♉21'20	0.60051 AU
inferior conj	-3656 Jun 15 j 08:49	23°♉37'50	-4°-21'-19
minimum elong	-3656 Jun 15 j 08:53	23°♉37'40	4°21'13
morning rise	-3656 Jun 22 j 20:09	18°♉57'59	
direct	-3656 Jun 25 j 07:39	18°♉35'01	
morning max el	-3656 Jul 02 j 17:17	22°♉10'08	18°14'31
asc. node	-3656 Jul 07 j 00:48	27°♉18'25	
	-3656 Jul 08 j 20:28	0°♊	
morning set	-3656 Jul 18 j 16:35	17°♊28'05	
	-3656 Jul 25 j 08:51	0°♋	
superior conj	-3656 Jul 28 j 07:29	5°♋23'23	1°45'31
minimum elong	-3656 Jul 28 j 09:39	5°♋33'09	1°45'34
max. Earth dist.	-3656 Aug 04 j 20:10	18°♋36'59	1.40916 AU
evening rise	-3656 Aug 09 j 22:09	27°♋05'19	
	-3656 Aug 11 j 17:14	0°♌	
desc. node	-3656 Aug 18 j 05:55	10°♌15'22	
	-3656 Aug 31 j 19:30	0°♍	
greatest brilliancy	-3656 Sep 07 j 19:04	9°♍04'01	-0.3m
evening max el	-3656 Sep 12 j 22:24	14°♍49'24	22°59'09
retrograde	-3656 Sep 22 j 23:54	20°♍47'10	
evening set	-3656 Sep 27 j 18:26	18°♍50'12	
asc. node	-3656 Oct 02 j 23:53	12°♍40'15	
inferior conj	-3656 Oct 03 j 02:52	12°♍29'56	0°02'34
minimum elong	-3656 Oct 03 j 02:49	12°♍30'09	0°02'36
transit middle	-3656 Oct 03 j 02:49	12°♍30'09	0°02'36
transit begin	-3656 Oct 03 j 00:09	12°♍39'20	
transit end	-3656 Oct 03 j 05:29	12°♍20'58	
min. Earth dist.	-3656 Oct 02 j 22:00	12°♍46'45	0.67448 AU
morning rise	-3656 Oct 08 j 11:09	6°♍15'28	
direct	-3656 Oct 12 j 18:00	4°♍34'38	
morning max el	-3656 Oct 21 j 17:52	9°♍54'22	21°45'20
greatest brilliancy	-3656 Oct 26 j 17:05	15°♍35'13	-0.4m
	-3656 Nov 06 j 06:32	0°♎	
desc. node	-3656 Nov 14 j 05:41	11°♎49'11	
morning set	-3656 Nov 22 j 14:23	24°♎48'54	
	-3656 Nov 25 j 19:52	0°♏	
max. Earth dist.	-3656 Nov 29 j 07:49	5°♏44'06	1.41688 AU
superior conj	-3656 Dec 06 j 21:41	18°♏37'53	-1°-51'-44
minimum elong	-3656 Dec 06 j 18:56	18°♏25'55	1°51'43
	-3656 Dec 13 j 06:42	0°♐	
evening rise	-3656 Dec 17 j 16:34	8°♐04'27	
asc. node	-3656 Dec 29 j 22:54	29°♐07'58	
	-3656 Dec 30 j 13:50	0°♑	
evening max el	-3655 Jan 03 j 02:09	4°♑09'55	18°10'58
retrograde	-3655 Jan 09 j 23:30	7°♑39'27	
evening set	-3655 Jan 12 j 13:39	7°♑10'29	
inferior conj	-3655 Jan 19 j 11:11	2°♑17'25	4°01'42
minimum elong	-3655 Jan 19 j 11:29	2°♑16'45	4°01'33
	-3655 Jan 21 j 23:15	30°℞♐	
min. Earth dist.	-3655 Jan 22 j 16:19	29°♐22'19	0.60635 AU
morning rise	-3655 Jan 26 j 06:36	26°♐37'19	
direct	-3655 Feb 02 j 02:28	24°♐25'14	
desc. node	-3655 Feb 10 j 05:06	27°♐10'20	
	-3655 Feb 13 j 23:03	0°♑	
morning max el	-3655 Feb 16 j 05:46	2°♑05'57	27°26'37
	-3655 Mar 08 j 13:49	0°♒	
morning set	-3655 Mar 19 j 23:09	21°♒34'13	
	-3655 Mar 23 j 22:57	0°♓	
max. Earth dist.	-3655 Mar 26 j 09:06	5°♓15'19	1.32588 AU
superior conj	-3655 Mar 27 j 04:22	7°♓00'30	0°-7'-49
minimum elong	-3655 Mar 27 j 04:44	7°♓02'26	0°07'49
behind sun begin	-3655 Mar 27 j 00:19	6°♓38'22	
behind sun end	-3655 Mar 27 j 09:08	7°♓26'31	
asc. node	-3655 Mar 27 j 22:19	8°♓38'33	
evening rise	-3655 Apr 03 j 04:22	22°♓08'32	
	-3655 Apr 07 j 00:32	0°♈	
	-3655 Apr 25 j 18:32	0°♉	
evening max el	-3655 Apr 30 j 07:05	4°♉51'42	25°26'52
desc. node	-3655 May 09 j 03:53	10°♉59'44	
retrograde	-3655 May 14 j 08:46	12°♉03'05	
evening set	-3655 May 19 j 20:57	10°♉51'50	
min. Earth dist.	-3655 May 24 j 19:24	8°♉04'39	0.58045 AU
inferior conj	-3655 May 28 j 00:18	5°♉49'48	-4°-5'-8
minimum elong	-3655 May 27 j 20:46	5°♉56'03	4°04'40
morning rise	-3655 Jun 05 j 00:35	1°♉31'29	
direct	-3655 Jun 07 j 12:04	1°♉12'23	
morning max el	-3655 Jun 15 j 22:21	5°♉10'02	18°51'46
asc. node	-3655 Jun 23 j 21:50	15°♉42'27	
	-3655 Jul 01 j 16:56	0°♊	
morning set	-3655 Jul 02 j 10:33	1°♊25'56	
superior conj	-3655 Jul 11 j 02:29	18°♊17'46	1°48'57
minimum elong	-3655 Jul 11 j 02:13	18°♊16'30	1°49'06
	-3655 Jul 17 j 10:15	0°♋	
max. Earth dist.	-3655 Jul 17 j 22:43	0°♋55'49	1.38964 AU
evening rise	-3655 Jul 21 j 23:09	7°♋58'05	
	-3655 Aug 04 j 16:17	0°♌	
desc. node	-3655 Aug 05 j 02:55	0°♌39'52	
evening max el	-3655 Aug 26 j 10:20	28°♌18'23	24°19'34
	-3655 Aug 28 j 05:13	0°♍	
retrograde	-3655 Sep 06 j 14:12	4°♍51'12	
evening set	-3655 Sep 11 j 23:41	2°♍34'42	
	-3655 Sep 14 j 11:18	30°℞♌	
min. Earth dist.	-3655 Sep 16 j 17:34	27°♌05'33	0.67279 AU
inferior conj	-3655 Sep 17 j 08:52	26°♌14'01	0°-51'-5
minimum elong	-3655 Sep 17 j 10:04	26°♌09'58	0°50'31
asc. node	-3655 Sep 19 j 20:57	23°♌00'02	
morning rise	-3655 Sep 22 j 20:42	20°♌05'23	
direct	-3655 Sep 26 j 14:49	18°♌44'39	
morning max el	-3655 Oct 04 j 14:29	23°♌24'15	20°29'45
	-3655 Oct 10 j 04:12	0°♍	
greatest brilliancy	-3655 Oct 11 j 00:23	1°♍06'46	-0.5m
	-3655 Oct 30 j 14:55	0°♎	
desc. node	-3655 Nov 01 j 02:37	2°♎17'56	
morning set	-3655 Nov 01 j 14:35	3°♎04'19	
max. Earth dist.	-3655 Nov 11 j 15:52	18°♎56'47	1.43355 AU
superior conj	-3655 Nov 17 j 18:00	28°♎53'45	-1°-33'-18
minimum elong	-3655 Nov 17 j 11:41	28°♎27'32	1°32'50
	-3655 Nov 18 j 09:57	0°♏	
evening rise	-3655 Nov 30 j 05:46	20°♏15'16	
	-3655 Dec 05 j 19:46	0°♐	
asc. node	-3655 Dec 16 j 19:57	16°♐33'18	
evening max el	-3655 Dec 17 j 14:06	17°♐21'04	18°09'37
retrograde	-3655 Dec 24 j 03:42	20°♐49'40	
evening set	-3655 Dec 26 j 20:57	20°♐12'54	
inferior conj	-3654 Jan 02 j 07:12	14°♐58'23	3°55'16
minimum elong	-3654 Jan 02 j 05:23	15°♐03'07	3°54'56
min. Earth dist.	-3654 Jan 05 j 00:12	12°♐10'15	0.62564 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3654 Jan 08 j 11:52	9°♐04'45	
direct	-3654 Jan 15 j 13:16	6°♐26'24	
desc. node	-3654 Jan 28 j 02:09	12°♐53'05	
morning max el	-3654 Jan 29 j 10:51	14°♐10'54	27°43'05
	-3654 Feb 11 j 07:10	0°♑	
	-3654 Mar 01 j 00:38	0°♒	
morning set	-3654 Mar 04 j 01:57	6°♒03'14	
max. Earth dist.	-3654 Mar 09 j 18:36	17°♒56'34	1.32942 AU
superior conj	-3654 Mar 11 j 14:07	21°♒50'48	0°-33'-4
minimum elong	-3654 Mar 11 j 15:36	21°♒58'50	0°32'51
asc. node	-3654 Mar 14 j 19:18	28°♒49'09	
	-3654 Mar 15 j 08:24	0°♓	
evening rise	-3654 Mar 18 j 16:00	7°♓05'27	
	-3654 Mar 30 j 20:10	0°♈	
evening max el	-3654 Apr 11 j 23:01	15°♈39'49	23°57'54
retrograde	-3654 Apr 25 j 17:24	22°♈33'26	
desc. node	-3654 Apr 26 j 01:00	22°♈33'13	
evening set	-3654 Apr 29 j 21:33	21°♈54'50	
min. Earth dist.	-3654 May 06 j 10:26	18°♈47'16	0.56361 AU
inferior conj	-3654 May 08 j 19:36	17°♈19'23	-3°-11'-27
minimum elong	-3654 May 08 j 13:36	17°♈28'40	3°09'59
morning rise	-3654 May 17 j 09:30	13°♈18'03	
direct	-3654 May 19 j 21:29	13°♈01'48	
morning max el	-3654 May 29 j 18:37	17°♈36'45	19°49'31
	-3654 Jun 08 j 02:37	0°♉	
asc. node	-3654 Jun 10 j 18:51	4°♉42'40	
morning set	-3654 Jun 16 j 12:26	15°♉49'47	
	-3654 Jun 23 j 12:34	0°♊	
superior conj	-3654 Jun 24 j 12:20	1°♊58'31	1°43'28
minimum elong	-3654 Jun 24 j 10:29	1°♊49'20	1°43'29
max. Earth dist.	-3654 Jun 30 j 01:54	12°♊46'03	1.37076 AU
evening rise	-3654 Jul 04 j 00:36	20°♊03'01	
	-3654 Jul 09 j 17:16	0°♋	
desc. node	-3654 Jul 22 j 23:57	20°♋47'21	
	-3654 Jul 29 j 16:40	0°♌	
evening max el	-3654 Aug 08 j 21:00	11°♌49'26	25°34'14
retrograde	-3654 Aug 21 j 00:17	18°♌49'32	
evening set	-3654 Aug 27 j 00:50	16°♌15'57	
min. Earth dist.	-3654 Aug 31 j 09:53	11°♌23'44	0.66781 AU
inferior conj	-3654 Sep 01 j 12:24	9°♌58'10	-1°-43'-52
minimum elong	-3654 Sep 01 j 14:49	9°♌50'22	1°42'50
asc. node	-3654 Sep 06 j 18:02	4°♌17'58	
morning rise	-3654 Sep 07 j 05:25	3°♌58'32	
direct	-3654 Sep 10 j 12:56	2°♌54'59	
morning max el	-3654 Sep 17 j 18:26	7°♌02'57	19°27'07
greatest brilliancy	-3654 Sep 27 j 03:27	19°♌13'38	-0.7m
	-3654 Oct 04 j 06:16	0°♍	
morning set	-3654 Oct 11 j 16:49	11°♍32'55	
desc. node	-3654 Oct 18 j 23:35	22°♍55'40	
	-3654 Oct 23 j 11:32	0°♎	
max. Earth dist.	-3654 Oct 25 j 06:12	2°♎48'35	1.44446 AU
superior conj	-3654 Oct 28 j 11:18	7°♎54'59	0°-57'-59
minimum elong	-3654 Oct 28 j 04:46	7°♎28'54	0°57'15
	-3654 Nov 11 j 00:40	0°♏	
evening rise	-3654 Nov 11 j 22:39	1°♏31'27	
	-3654 Nov 30 j 10:47	0°♐	
evening max el	-3654 Dec 01 j 02:39	0°♐42'05	18°27'03
asc. node	-3654 Dec 03 j 17:00	2°♐56'02	
retrograde	-3654 Dec 07 j 16:59	4°♐20'26	
evening set	-3654 Dec 10 j 14:26	3°♐34'33	
	-3654 Dec 14 j 21:26	30°℞♏	
inferior conj	-3654 Dec 16 j 15:51	28°♏00'58	3°31'46
minimum elong	-3654 Dec 16 j 12:56	28°♏09'22	3°31'04
min. Earth dist.	-3654 Dec 18 j 18:13	25°♏36'05	0.64222 AU
morning rise	-3654 Dec 22 j 10:05	21°♏57'24	
direct	-3654 Dec 29 j 07:38	19°♏07'29	
morning max el	-3653 Jan 11 j 19:45	26°♏50'30	27°24'01
desc. node	-3653 Jan 14 j 23:11	0°♐09'56	
	-3653 Jan 14 j 19:38	0°♐	
	-3653 Feb 04 j 21:10	0°♑	
morning set	-3653 Feb 15 j 20:54	20°♑04'52	
	-3653 Feb 20 j 18:41	0°♒	
max. Earth dist.	-3653 Feb 20 j 20:29	0°♒09'21	1.33691 AU
superior conj	-3653 Feb 23 j 20:19	6°♒26'26	0°-57'-33
minimum elong	-3653 Feb 23 j 22:48	6°♒39'35	0°57'14
asc. node	-3653 Mar 01 j 16:19	18°♒52'43	
evening rise	-3653 Mar 03 j 03:10	21°♒56'14	
	-3653 Mar 07 j 02:06	0°♓	
evening max el	-3653 Mar 24 j 16:26	26°♓23'17	22°23'40
	-3653 Mar 29 j 05:00	0°♈	
retrograde	-3653 Apr 06 j 14:09	2°♈41'15	
evening set	-3653 Apr 09 j 13:53	2°♈21'35	
desc. node	-3653 Apr 12 j 22:05	1°♈17'18	
	-3653 Apr 15 j 15:13	30°℞♓	
min. Earth dist.	-3653 Apr 18 j 00:32	28°♓41'12	0.55338 AU
inferior conj	-3653 Apr 18 j 21:45	28°♓11'03	-1°-37'-56
minimum elong	-3653 Apr 18 j 17:26	28°♓17'11	1°36'32
morning rise	-3653 Apr 27 j 22:59	24°♓14'11	
direct	-3653 Apr 30 j 14:32	23°♓58'08	
morning max el	-3653 May 12 j 04:19	29°♓23'34	21°06'41
	-3653 May 12 j 19:33	0°♈	
asc. node	-3653 May 28 j 15:54	24°♈10'20	
morning set	-3653 May 31 j 19:44	0°♉32'43	
	-3653 May 31 j 13:22	0°♉	
superior conj	-3653 Jun 08 j 08:43	16°♉13'04	1°31'22
minimum elong	-3653 Jun 08 j 06:09	15°♉59'46	1°31'11
max. Earth dist.	-3653 Jun 12 j 11:42	24°♉34'32	1.35455 AU
	-3653 Jun 15 j 06:12	0°♊	
evening rise	-3653 Jun 16 j 21:34	3°♊07'43	
	-3653 Jul 02 j 15:13	0°♋	
desc. node	-3653 Jul 09 j 20:59	10°♋30'16	
evening max el	-3653 Jul 22 j 08:03	25°♋19'26	26°35'04
	-3653 Jul 27 j 23:48	0°♌	
retrograde	-3653 Aug 04 j 05:34	2°♌36'08	
evening set	-3653 Aug 10 j 19:41	29°♋51'26	
	-3653 Aug 10 j 15:34	30°℞♋	
min. Earth dist.	-3653 Aug 14 j 20:40	25°♋37'42	0.65933 AU
inferior conj	-3653 Aug 16 j 11:37	23°♋39'53	-2°-33'-54
minimum elong	-3653 Aug 16 j 15:00	23°♋29'37	2°32'39
morning rise	-3653 Aug 22 j 11:20	17°♋52'18	
asc. node	-3653 Aug 24 j 15:08	17°♋06'15	
direct	-3653 Aug 25 j 10:34	17°♋02'33	
morning max el	-3653 Sep 01 j 04:21	20°♋47'37	18°39'45
	-3653 Sep 08 j 07:32	0°♌	
morning set	-3653 Sep 21 j 16:45	21°♌07'15	
	-3653 Sep 27 j 05:54	0°♍	
desc. node	-3653 Oct 05 j 20:33	13°♍38'27	
superior conj	-3653 Oct 07 j 11:48	16°♍13'06	0°-10'-23
minimum elong	-3653 Oct 07 j 10:25	16°♍07'42	0°10'11
behind sun begin	-3653 Oct 07 j 01:24	15°♍32'11	
behind sun end	-3653 Oct 07 j 19:26	16°♍43'13	
max. Earth dist.	-3653 Oct 07 j 23:34	16°♍59'28	1.44846 AU
	-3653 Oct 16 j 05:38	0°♎	
evening rise	-3653 Oct 23 j 15:13	11°♎44'20	
	-3653 Nov 04 j 03:59	0°♏	
evening max el	-3653 Nov 14 j 13:16	14°♏07'38	19°02'08
asc. node	-3653 Nov 20 j 14:05	18°♏00'12	
retrograde	-3653 Nov 21 j 11:32	18°♏04'42	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3653 Nov 24 j 15:01	17°♏07'36	
inferior conj	-3653 Nov 30 j 09:41	11°♏17'56	2°56'37
minimum elong	-3653 Nov 30 j 06:34	11°♏27'41	2°55'39
min. Earth dist.	-3653 Dec 01 j 21:43	9°♏25'34	0.65536 AU
morning rise	-3653 Dec 05 j 21:09	5°♏07'17	
direct	-3653 Dec 12 j 08:29	2°♏19'50	
morning max el	-3653 Dec 25 j 05:26	9°♏51'00	26°34'37
desc. node	-3652 Jan 01 j 20:13	18°♏32'38	
	-3652 Jan 10 j 05:09	0°♐	
	-3652 Jan 28 j 08:08	0°♑	
morning set	-3652 Jan 30 j 04:17	3°♑26'27	
max. Earth dist.	-3652 Feb 03 j 11:13	11°♑45'15	1.34882 AU
superior conj	-3652 Feb 07 j 20:43	20°♑39'27	-1°-20'-2
minimum elong	-3652 Feb 07 j 23:50	20°♑55'31	1°19'45
	-3652 Feb 12 j 08:23	0°♒	
evening rise	-3652 Feb 15 j 12:00	6°♒33'44	
asc. node	-3652 Feb 16 j 13:20	8°♒43'51	
	-3652 Feb 28 j 11:29	0°♓	
evening max el	-3652 Mar 05 j 17:26	7°♓27'37	20°56'49
retrograde	-3652 Mar 17 j 03:41	12°♓54'55	
evening set	-3652 Mar 19 j 12:56	12°♓41'34	
inferior conj	-3652 Mar 28 j 16:56	8°♓43'47	0°18'16
minimum elong	-3652 Mar 28 j 17:46	8°♓42'35	0°17'55
min. Earth dist.	-3652 Mar 29 j 14:47	8°♓12'36	0.55210 AU
desc. node	-3652 Mar 29 j 19:13	8°♓06'17	
morning rise	-3652 Apr 06 j 21:28	4°♓33'30	
direct	-3652 Apr 10 j 02:28	4°♓11'03	
morning max el	-3652 Apr 23 j 03:31	10°♓29'32	22°39'19
	-3652 May 07 j 07:58	0°♈	
asc. node	-3652 May 14 j 12:56	13°♈57'44	
morning set	-3652 May 15 j 06:22	15°♈28'12	
	-3652 May 22 j 02:43	0°♉	
superior conj	-3652 May 22 j 12:19	0°♉50'54	1°14'26
minimum elong	-3652 May 22 j 09:42	0°♉37'01	1°14'06
max. Earth dist.	-3652 May 25 j 07:32	6°♉43'44	1.34191 AU
evening rise	-3652 May 30 j 08:54	16°♉57'17	
	-3652 Jun 06 j 08:12	0°♊	
desc. node	-3652 Jun 25 j 18:03	29°♊38'19	
	-3652 Jun 26 j 00:57	0°♋	
evening max el	-3652 Jul 03 j 19:30	8°♋40'44	27°14'13
retrograde	-3652 Jul 17 j 05:34	16°♋03'44	
evening set	-3652 Jul 24 j 05:34	13°♋17'37	
min. Earth dist.	-3652 Jul 27 j 23:46	9°♋41'19	0.64715 AU
inferior conj	-3652 Jul 30 j 04:15	7°♋15'33	-3°-18'-46
minimum elong	-3652 Jul 30 j 08:07	7°♋04'48	3°17'37
morning rise	-3652 Aug 05 j 12:10	1°♋43'14	
direct	-3652 Aug 08 j 05:34	1°♋03'54	
asc. node	-3652 Aug 10 j 12:16	1°♋31'18	
morning max el	-3652 Aug 14 j 18:06	4°♋34'23	18°09'08
	-3652 Aug 31 j 15:17	0°♌	
morning set	-3652 Sep 01 j 20:19	2°♌01'48	
superior conj	-3652 Sep 15 j 17:20	24°♌50'20	0°37'44
minimum elong	-3652 Sep 15 j 21:38	25°♌07'37	0°37'16
	-3652 Sep 18 j 22:56	0°♍	
max. Earth dist.	-3652 Sep 19 j 17:19	1°♍12'57	1.44522 AU
desc. node	-3652 Sep 21 j 17:30	4°♍23'24	
evening rise	-3652 Oct 02 j 08:16	20°♍57'58	
	-3652 Oct 08 j 04:39	0°♎	
greatest brilliancy	-3652 Oct 20 j 06:25	18°♎04'01	-0.6m
evening max el	-3652 Oct 27 j 19:47	27°♎34'52	19°53'15
	-3652 Oct 30 j 12:02	0°♏	
retrograde	-3652 Nov 04 j 08:28	1°♏58'33	
asc. node	-3652 Nov 06 j 11:12	1°♏32'38	
evening set	-3652 Nov 07 j 20:08	0°♏47'39	
	-3652 Nov 08 j 20:48	30°♐	
inferior conj	-3652 Nov 13 j 09:53	24°♎44'59	2°13'32
minimum elong	-3652 Nov 13 j 07:10	24°♎53'56	2°12'32
min. Earth dist.	-3652 Nov 14 j 08:54	23°♎28'59	0.66493 AU
morning rise	-3652 Nov 18 j 17:33	18°♎29'52	
direct	-3652 Nov 24 j 15:01	15°♎55'36	
morning max el	-3652 Dec 06 j 14:19	23°♎01'25	25°23'15
	-3652 Dec 12 j 19:11	0°♏	
desc. node	-3652 Dec 18 j 17:15	7°♏41'55	
	-3651 Jan 02 j 13:15	0°♐	
morning set	-3651 Jan 11 j 19:16	15°♐53'53	
max. Earth dist.	-3651 Jan 15 j 14:28	22°♐54'13	1.36517 AU
	-3651 Jan 19 j 07:22	0°♑	
superior conj	-3651 Jan 21 j 12:34	4°♑21'51	-1°-38'-49
minimum elong	-3651 Jan 21 j 15:39	4°♑37'10	1°38'42
evening rise	-3651 Jan 29 j 16:32	20°♑52'08	
asc. node	-3651 Feb 02 j 10:22	28°♑17'23	
	-3651 Feb 03 j 07:48	0°♒	
evening max el	-3651 Feb 16 j 04:54	19°♒06'24	19°45'16
retrograde	-3651 Feb 25 j 22:12	23°♒43'17	
evening set	-3651 Feb 28 j 05:23	23°♒28'58	
inferior conj	-3651 Mar 08 j 19:17	19°♒26'20	2°04'50
minimum elong	-3651 Mar 08 j 23:53	19°♒19'06	2°03'22
min. Earth dist.	-3651 Mar 11 j 05:07	17°♒56'07	0.56008 AU
desc. node	-3651 Mar 16 j 16:21	15°♒08'28	
morning rise	-3651 Mar 17 j 15:05	14°♒49'03	
direct	-3651 Mar 21 j 21:28	14°♒08'29	
morning max el	-3651 Apr 04 j 19:37	21°♒07'51	24°18'38
	-3651 Apr 12 j 10:43	0°♓	
morning set	-3651 Apr 29 j 18:30	0°♈29'56	
	-3651 Apr 29 j 12:47	0°♈	
asc. node	-3651 May 01 j 09:57	3°♈58'42	
superior conj	-3651 May 06 j 20:34	15°♈43'27	0°54'00
minimum elong	-3651 May 06 j 18:25	15°♈31'49	0°53'38
max. Earth dist.	-3651 May 08 j 12:36	19°♈18'54	1.33297 AU
	-3651 May 13 j 14:56	0°♉	
evening rise	-3651 May 14 j 06:22	1°♉18'19	
	-3651 May 30 j 07:02	0°♊	
desc. node	-3651 Jun 12 j 15:08	17°♊56'18	
evening max el	-3651 Jun 16 j 05:28	21°♊40'09	27°25'00
retrograde	-3651 Jun 29 j 23:19	29°♊03'09	
evening set	-3651 Jul 07 j 03:03	26°♊28'12	
min. Earth dist.	-3651 Jul 10 j 17:19	23°♊23'47	0.63128 AU
inferior conj	-3651 Jul 13 j 11:32	20°♊38'40	-3°-55'-2
minimum elong	-3651 Jul 13 j 15:00	20°♊29'59	3°54'18
morning rise	-3651 Jul 20 j 05:03	15°♊24'52	
direct	-3651 Jul 22 j 18:51	14°♊53'17	
asc. node	-3651 Jul 28 j 09:22	17°♊22'40	
morning max el	-3651 Jul 29 j 09:03	18°♊17'29	17°56'21
	-3651 Aug 06 j 20:27	0°♋	
morning set	-3651 Aug 15 j 00:00	14°♋05'14	
	-3651 Aug 24 j 04:14	0°♌	
superior conj	-3651 Aug 26 j 21:57	4°♌36'36	1°15'19
minimum elong	-3651 Aug 27 j 03:37	5°♌00'16	1°14'50
max. Earth dist.	-3651 Sep 02 j 08:33	15°♌11'06	1.43521 AU
desc. node	-3651 Sep 08 j 14:28	25°♌07'05	
evening rise	-3651 Sep 11 j 12:44	29°♌40'58	
	-3651 Sep 11 j 17:39	0°♍	
	-3651 Oct 01 j 23:03	0°♎	
greatest brilliancy	-3651 Oct 05 j 06:31	4°♎26'20	-0.5m
evening max el	-3651 Oct 10 j 20:31	11°♎01'04	20°58'05
retrograde	-3651 Oct 19 j 05:31	15°♎58'25	
evening set	-3651 Oct 23 j 03:38	14°♎31'02	
asc. node	-3651 Oct 24 j 08:19	13°♎29'31	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3651 Oct 28 j 14:04	8°♎18'40	1°25'04
minimum elong	-3651 Oct 28 j 12:12	8°♎25'02	1°24'19
min. Earth dist.	-3651 Oct 29 j 01:30	7°♎39'35	0.67108 AU
morning rise	-3651 Nov 02 j 20:23	2°♎01'39	
	-3651 Nov 06 j 10:08	30°℞♍	
direct	-3651 Nov 08 j 02:27	29°♍46'54	
	-3651 Nov 09 j 20:27	0°♎	
morning max el	-3651 Nov 18 j 23:02	6°♎15'30	23°59'38
desc. node	-3651 Dec 05 j 14:14	27°♎23'45	
	-3651 Dec 07 j 09:12	0°♏	
morning set	-3651 Dec 24 j 11:48	27°♏10'40	
	-3651 Dec 26 j 03:00	0°♐	
max. Earth dist.	-3651 Dec 28 j 10:58	4°♐06'23	1.38482 AU
superior conj	-3650 Jan 04 j 16:08	17°♐23'09	-1°-51'-36
minimum elong	-3650 Jan 04 j 18:05	17°♐32'27	1°51'41
	-3650 Jan 11 j 04:21	0°♑	
evening rise	-3650 Jan 13 j 14:22	4°♑44'50	
asc. node	-3650 Jan 20 j 07:25	17°♑27'05	
	-3650 Jan 28 j 19:10	0°♒	
evening max el	-3650 Jan 30 j 02:23	1°♒20'21	18°52'51
retrograde	-3650 Feb 07 j 08:56	5°♒19'19	
evening set	-3650 Feb 09 j 18:30	5°♒00'35	
inferior conj	-3650 Feb 17 j 15:17	0°♒41'15	3°18'17
minimum elong	-3650 Feb 17 j 19:41	0°♒33'16	3°17'17
	-3650 Feb 18 j 13:58	30°℞♑	
min. Earth dist.	-3650 Feb 20 j 20:50	28°♑21'58	0.57529 AU
morning rise	-3650 Feb 25 j 17:07	25°♑34'22	
direct	-3650 Mar 03 j 04:48	24°♑22'01	
desc. node	-3650 Mar 03 j 13:28	24°♑22'20	
	-3650 Mar 15 j 12:29	0°♒	
morning max el	-3650 Mar 17 j 10:52	1°♒45'54	25°50'50
	-3650 Apr 06 j 09:14	0°♓	
morning set	-3650 Apr 14 j 06:27	15°♓32'10	
asc. node	-3650 Apr 18 j 06:56	24°♓08'27	
	-3650 Apr 20 j 23:23	0°♈	
superior conj	-3650 Apr 21 j 07:28	0°♈44'08	0°31'08
minimum elong	-3650 Apr 21 j 06:08	0°♈36'50	0°30'51
max. Earth dist.	-3650 Apr 21 j 23:45	2°♈12'58	1.32754 AU
evening rise	-3650 Apr 28 j 10:46	16°♈00'27	
	-3650 May 05 j 14:10	0°♉	
	-3650 May 25 j 13:38	0°♊	
evening max el	-3650 May 29 j 11:14	4°♊04'58	27°03'25
desc. node	-3650 May 30 j 12:14	5°♊03'05	
retrograde	-3650 Jun 12 j 10:11	11°♊25'59	
evening set	-3650 Jun 19 j 08:05	9°♊16'01	
min. Earth dist.	-3650 Jun 23 j 00:45	6°♊31'40	0.61233 AU
inferior conj	-3650 Jun 26 j 06:11	3°♊41'44	-4°-17'-31
minimum elong	-3650 Jun 26 j 07:56	3°♊37'52	4°17'18
	-3650 Jun 30 j 23:47	30°℞♉	
morning rise	-3650 Jul 03 j 10:40	28°♉49'17	
direct	-3650 Jul 05 j 22:44	28°♉23'31	
	-3650 Jul 10 j 16:32	0°♊	
morning max el	-3650 Jul 12 j 22:29	1°♊51'03	18°02'18
asc. node	-3650 Jul 15 j 06:25	4°♊25'15	
morning set	-3650 Jul 28 j 22:17	27°♊02'51	
	-3650 Jul 30 j 12:45	0°♋	
superior conj	-3650 Aug 08 j 06:19	15°♋46'05	1°38'24
minimum elong	-3650 Aug 08 j 10:03	16°♋02'25	1°38'17
max. Earth dist.	-3650 Aug 15 j 18:31	28°♋36'16	1.41974 AU
	-3650 Aug 16 j 14:43	0°♌	
evening rise	-3650 Aug 22 j 00:13	8°♌45'21	
desc. node	-3650 Aug 26 j 11:26	15°♌46'30	
	-3650 Sep 04 j 22:06	0°♍	
greatest brilliancy	-3650 Sep 18 j 21:18	19°♍05'29	-0.3m
evening max el	-3650 Sep 23 j 15:01	24°♍26'22	22°13'09
	-3650 Oct 02 j 09:11	0°♎	
retrograde	-3650 Oct 03 j 01:00	0°♎02'08	
	-3650 Oct 03 j 16:35	30°℞♍	
evening set	-3650 Oct 07 j 11:37	28°♍16'09	
asc. node	-3650 Oct 11 j 05:26	24°♍09'58	
inferior conj	-3650 Oct 12 j 20:20	21°♍57'32	0°33'15
minimum elong	-3650 Oct 12 j 19:34	22°♍00'12	0°32'56
min. Earth dist.	-3650 Oct 12 j 21:13	21°♍54'28	0.67409 AU
morning rise	-3650 Oct 18 j 03:21	15°♍41'20	
direct	-3650 Oct 22 j 18:14	13°♍48'24	
morning max el	-3650 Nov 01 j 10:09	19°♍33'31	22°33'08
greatest brilliancy	-3650 Nov 06 j 02:51	24°♍50'38	-0.3m
	-3650 Nov 10 j 03:54	0°♎	
desc. node	-3650 Nov 22 j 11:11	17°♎28'42	
	-3650 Nov 30 j 14:39	0°♏	
morning set	-3650 Dec 05 j 00:25	7°♏04'17	
max. Earth dist.	-3650 Dec 10 j 08:07	15°♏54'59	1.40552 AU
superior conj	-3650 Dec 18 j 02:31	29°♏30'07	-1°-55'-15
minimum elong	-3650 Dec 18 j 01:53	29°♏27'15	1°55'23
	-3650 Dec 18 j 09:09	0°♐	
evening rise	-3650 Dec 28 j 02:29	18°♐04'03	
	-3649 Jan 03 j 13:35	0°♑	
asc. node	-3649 Jan 07 j 04:27	6°♑04'29	
evening max el	-3649 Jan 13 j 07:41	14°♑02'28	18°20'32
retrograde	-3649 Jan 20 j 14:12	17°♑38'56	
evening set	-3649 Jan 23 j 02:35	17°♑14'08	
inferior conj	-3649 Jan 30 j 07:50	12°♑33'44	3°54'49
minimum elong	-3649 Jan 30 j 09:42	12°♑29'47	3°54'31
min. Earth dist.	-3649 Feb 02 j 16:39	9°♑44'37	0.59459 AU
morning rise	-3649 Feb 06 j 13:33	7°♑03'18	
direct	-3649 Feb 13 j 00:36	5°♑11'58	
desc. node	-3649 Feb 18 j 10:33	6°♑25'34	
morning max el	-3649 Feb 27 j 06:34	12°♑49'15	27°00'53
	-3649 Mar 12 j 20:46	0°♒	
	-3649 Mar 29 j 11:11	0°♓	
morning set	-3649 Mar 29 j 16:25	0°♓27'12	
asc. node	-3649 Apr 05 j 03:55	14°♓21'43	
superior conj	-3649 Apr 05 j 19:13	15°♓45'28	0°06'41
minimum elong	-3649 Apr 05 j 18:55	15°♓43'51	0°06'35
behind sun begin	-3649 Apr 05 j 14:20	15°♓18'48	
behind sun end	-3649 Apr 05 j 23:29	16°♓08'53	
max. Earth dist.	-3649 Apr 05 j 13:08	15°♓12'13	1.32548 AU
	-3649 Apr 12 j 09:16	0°♈	
evening rise	-3649 Apr 12 j 19:31	0°♈53'49	
	-3649 Apr 28 j 19:28	0°♉	
evening max el	-3649 May 11 j 10:48	15°♉46'46	26°09'49
desc. node	-3649 May 17 j 09:20	20°♉28'25	
retrograde	-3649 May 25 j 12:52	23°♉03'59	
evening set	-3649 May 31 j 16:41	21°♉30'08	
min. Earth dist.	-3649 Jun 04 j 23:33	18°♉48'50	0.59186 AU
inferior conj	-3649 Jun 08 j 08:29	16°♉14'33	-4°-18'-25
minimum elong	-3649 Jun 08 j 07:05	16°♉17'15	4°18'17
morning rise	-3649 Jun 16 j 01:15	11°♉44'28	
direct	-3649 Jun 18 j 12:39	11°♉23'19	
morning max el	-3649 Jun 26 j 07:30	15°♉06'03	18°27'53
asc. node	-3649 Jul 02 j 03:26	22°♉23'08	
	-3649 Jul 06 j 17:03	0°♊	
morning set	-3649 Jul 12 j 10:10	10°♊41'13	
superior conj	-3649 Jul 21 j 14:21	28°♊06'50	1°48'14
minimum elong	-3649 Jul 21 j 15:24	28°♊11'40	1°48'21
	-3649 Jul 22 j 14:55	0°♋	
max. Earth dist.	-3649 Jul 28 j 22:31	11°♋16'43	1.40092 AU
evening rise	-3649 Aug 02 j 10:00	18°♋53'40	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3649 Aug 09 j 06:41	0°♌	
desc. node	-3649 Aug 13 j 08:26	6°♌17'44	
	-3649 Aug 30 j 06:34	0°♍	
evening max el	-3649 Sep 06 j 04:32	7°♍52'57	23°33'33
retrograde	-3649 Sep 16 j 17:39	14°♍07'03	
evening set	-3649 Sep 21 j 18:23	12°♍01'35	
min. Earth dist.	-3649 Sep 26 j 17:37	6°♍12'16	0.67408 AU
inferior conj	-3649 Sep 27 j 02:55	5°♍40'25	0°-20'-12
minimum elong	-3649 Sep 27 j 03:23	5°♍38'48	0°19'58
asc. node	-3649 Sep 28 j 02:31	4°♍20'12	
	-3649 Oct 01 j 20:55	30°℞♌	
morning rise	-3649 Oct 02 j 12:29	29°♌27'58	
direct	-3649 Oct 06 j 13:34	27°♌56'10	
	-3649 Oct 11 j 18:08	0°♍	
morning max el	-3649 Oct 15 j 02:44	2°♍58'29	21°11'49
greatest brilliancy	-3649 Oct 20 j 13:50	9°♍20'15	-0.5m
	-3649 Nov 04 j 04:02	0°♎	
desc. node	-3649 Nov 09 j 08:08	7°♎50'17	
morning set	-3649 Nov 14 j 10:09	15°♎43'20	
max. Earth dist.	-3649 Nov 22 j 11:15	28°♎35'56	1.42444 AU
	-3649 Nov 23 j 07:46	0°♏	
superior conj	-3649 Nov 29 j 14:10	10°♏29'43	-1°-45'-57
minimum elong	-3649 Nov 29 j 09:46	10°♏10'57	1°45'47
	-3649 Dec 10 j 15:55	0°♐	
evening rise	-3649 Dec 11 j 01:18	0°♐42'16	
asc. node	-3649 Dec 25 j 01:30	23°♐59'46	
evening max el	-3649 Dec 27 j 18:04	27°♐05'28	18°08'08
	-3649 Dec 31 j 19:32	0°♑	
retrograde	-3648 Jan 03 j 11:09	0°♑33'18	
evening set	-3648 Jan 06 j 02:26	0°♑01'18	
	-3648 Jan 06 j 03:45	30°℞♐	
inferior conj	-3648 Jan 12 j 18:53	24°♐59'13	4°01'30
minimum elong	-3648 Jan 12 j 18:09	25°♐00'59	4°01'20
min. Earth dist.	-3648 Jan 15 j 19:34	22°♐04'15	0.61471 AU
morning rise	-3648 Jan 19 j 07:26	19°♐12'37	
direct	-3648 Jan 26 j 06:59	16°♐47'22	
desc. node	-3648 Feb 05 j 07:36	20°♐58'29	
morning max el	-3648 Feb 09 j 08:26	24°♐31'14	27°38'07
	-3648 Feb 14 j 09:00	0°♑	
	-3648 Mar 05 j 03:03	0°♒	
morning set	-3648 Mar 12 j 22:29	15°♒07'59	
max. Earth dist.	-3648 Mar 19 j 00:59	28°♒03'04	1.32689 AU
	-3648 Mar 19 j 22:31	0°♓	
superior conj	-3648 Mar 20 j 06:11	0°♓41'41	0°-18'-32
minimum elong	-3648 Mar 20 j 07:01	0°♓46'16	0°18'26
asc. node	-3648 Mar 22 j 00:54	4°♓34'31	
evening rise	-3648 Mar 27 j 06:36	15°♓51'16	
	-3648 Apr 03 j 09:05	0°♈	
evening max el	-3648 Apr 22 j 04:40	26°♈50'14	24°50'36
	-3648 Apr 25 j 22:02	0°♉	
desc. node	-3648 May 03 j 06:27	3°♉36'16	
retrograde	-3648 May 06 j 05:00	3°♉56'22	
evening set	-3648 May 11 j 03:38	3°♉00'30	
min. Earth dist.	-3648 May 16 j 16:52	0°♉05'48	0.57270 AU
	-3648 May 16 j 20:28	30°℞♈	
inferior conj	-3648 May 19 j 15:26	28°♈08'57	-3°-47'-26
minimum elong	-3648 May 19 j 10:31	28°♈17'09	3°46'33
morning rise	-3648 May 27 j 21:32	23°♈58'44	
direct	-3648 May 30 j 08:53	23°♈41'09	
morning max el	-3648 Jun 08 j 09:10	27°♈53'13	19°13'45
	-3648 Jun 10 j 10:12	0°♉	
asc. node	-3648 Jun 18 j 00:27	11°♉03'44	
morning set	-3648 Jun 25 j 07:49	24°♉50'44	
	-3648 Jun 27 j 21:58	0°♊	
superior conj	-3648 Jul 03 j 16:15	11°♊22'28	1°47'34
minimum elong	-3648 Jul 03 j 15:12	11°♊17'23	1°47'40
max. Earth dist.	-3648 Jul 10 j 00:06	23°♊18'31	1.38141 AU
evening rise	-3648 Jul 13 j 21:54	0°♋18'29	
	-3648 Jul 13 j 17:41	0°♋	
desc. node	-3648 Jul 30 j 05:28	26°♋35'39	
	-3648 Aug 01 j 13:35	0°♌	
evening max el	-3648 Aug 18 j 15:38	21°♌22'53	24°52'36
retrograde	-3648 Aug 30 j 06:19	28°♌08'58	
evening set	-3648 Sep 04 j 22:07	25°♌44'57	
min. Earth dist.	-3648 Sep 09 j 12:13	20°♌30'56	0.67102 AU
inferior conj	-3648 Sep 10 j 08:06	19°♌24'58	-1°-13'-43
minimum elong	-3648 Sep 10 j 09:50	19°♌19'13	1°12'56
asc. node	-3648 Sep 13 j 23:36	14°♌58'56	
morning rise	-3648 Sep 15 j 21:55	13°♌19'30	
direct	-3648 Sep 19 j 11:13	12°♌06'26	
morning max el	-3648 Sep 27 j 02:26	16°♌31'51	20°01'16
greatest brilliancy	-3648 Oct 04 j 11:58	25°♌41'10	-0.6m
	-3648 Oct 07 j 12:52	0°♍	
morning set	-3648 Oct 23 j 08:03	23°♍55'01	
desc. node	-3648 Oct 26 j 05:05	28°♍23'09	
	-3648 Oct 27 j 05:55	0°♎	
max. Earth dist.	-3648 Nov 03 j 21:46	12°♎05'26	1.43896 AU
superior conj	-3648 Nov 08 j 22:39	20°♎12'28	-1°-20'-18
minimum elong	-3648 Nov 08 j 15:35	19°♎43'43	1°19'39
	-3648 Nov 14 j 21:14	0°♏	
evening rise	-3648 Nov 22 j 06:22	12°♏30'17	
	-3648 Dec 02 j 15:23	0°♐	
evening max el	-3648 Dec 10 j 06:39	10°♐21'26	18°14'54
asc. node	-3648 Dec 10 j 22:35	11°♐00'10	
retrograde	-3648 Dec 16 j 19:33	13°♐52'41	
evening set	-3648 Dec 19 j 14:27	13°♐12'13	
inferior conj	-3648 Dec 25 j 20:41	7°♐49'32	3°46'57
minimum elong	-3648 Dec 25 j 18:16	7°♐56'05	3°46'30
min. Earth dist.	-3648 Dec 28 j 07:40	5°♐09'36	0.63312 AU
morning rise	-3648 Dec 31 j 20:26	1°♐51'31	
	-3647 Jan 03 j 20:19	30°℞♏	
direct	-3647 Jan 07 j 21:22	29°♏06'05	
	-3647 Jan 12 j 04:23	0°♐	
morning max el	-3647 Jan 21 j 15:11	6°♐50'45	27°39'03
desc. node	-3647 Jan 22 j 04:38	7°♐24'23	
	-3647 Feb 08 j 09:50	0°♑	
morning set	-3647 Feb 24 j 22:18	29°♑25'59	
	-3647 Feb 25 j 05:05	0°♒	
max. Earth dist.	-3647 Mar 02 j 07:28	10°♒31'58	1.33204 AU
superior conj	-3647 Mar 04 j 14:40	15°♒26'19	0°-43'-36
minimum elong	-3647 Mar 04 j 16:36	15°♒36'42	0°43'20
asc. node	-3647 Mar 08 j 21:56	24°♒42'30	
	-3647 Mar 11 j 09:30	0°♓	
evening rise	-3647 Mar 11 j 18:14	0°♓46'00	
	-3647 Mar 28 j 07:29	0°♈	
evening max el	-3647 Apr 03 j 20:40	7°♈33'42	23°17'47
retrograde	-3647 Apr 17 j 08:11	14°♈13'51	
desc. node	-3647 Apr 20 j 03:32	13°♈56'30	
evening set	-3647 Apr 20 j 22:56	13°♈45'17	
min. Earth dist.	-3647 Apr 28 j 07:28	10°♈25'30	0.55827 AU
inferior conj	-3647 Apr 30 j 02:46	9°♈21'40	-2°-36'-14
minimum elong	-3647 Apr 29 j 20:52	9°♈30'23	2°34'34
morning rise	-3647 May 08 j 21:58	5°♈23'46	
direct	-3647 May 11 j 10:52	5°♈07'59	
morning max el	-3647 May 22 j 01:02	10°♈03'35	20°20'01
asc. node	-3647 Jun 04 j 21:30	0°♉17'00	
	-3647 Jun 04 j 17:54	0°♉	
morning set	-3647 Jun 09 j 12:22	9°♉24'09	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3647 Jun 17 j 07:05	25°♉19'18	1°39'02
minimum elong	-3647 Jun 17 j 04:50	25°♉07'55	1°38'57
	-3647 Jun 19 j 15:10	0°♊	
max. Earth dist.	-3647 Jun 22 j 05:48	5°♊06'23	1.36353 AU
evening rise	-3647 Jun 26 j 08:26	12°♊51'34	
	-3647 Jul 06 j 05:29	0°♋	
desc. node	-3647 Jul 17 j 02:31	16°♋34'06	
	-3647 Jul 27 j 12:01	0°♌	
evening max el	-3647 Aug 01 j 02:41	4°♌55'37	26°02'18
retrograde	-3647 Aug 13 j 14:20	12°♌03'22	
evening set	-3647 Aug 19 j 20:53	9°♌24'27	
min. Earth dist.	-3647 Aug 24 j 02:33	4°♌48'21	0.66471 AU
inferior conj	-3647 Aug 25 j 10:06	3°♌09'05	-2°-5'-33
minimum elong	-3647 Aug 25 j 12:58	3°♌00'03	2°04'23
	-3647 Aug 28 j 01:15	30°℞♋	
morning rise	-3647 Aug 31 j 05:46	27°♋14'00	
asc. node	-3647 Aug 31 j 20:42	26°♋53'35	
direct	-3647 Sep 03 j 09:33	26°♋16'33	
	-3647 Sep 10 j 03:46	0°♌	
morning max el	-3647 Sep 10 j 09:06	0°♌13'28	19°04'55
	-3647 Sep 30 j 23:19	0°♍	
morning set	-3647 Oct 02 j 17:56	2°♍47'45	
desc. node	-3647 Oct 13 j 02:05	19°♍03'30	
max. Earth dist.	-3647 Oct 17 j 14:08	26°♍08'58	1.44715 AU
superior conj	-3647 Oct 19 j 06:42	28°♍49'12	0°-38'-43
minimum elong	-3647 Oct 19 j 01:50	28°♍29'58	0°38'06
	-3647 Oct 20 j 00:36	0°♎	
evening rise	-3647 Nov 03 j 13:14	23°♎19'57	
	-3647 Nov 07 j 15:11	0°♏	
evening max el	-3647 Nov 23 j 18:44	23°♏44'50	18°39'54
asc. node	-3647 Nov 27 j 19:40	26°♏51'16	
retrograde	-3647 Nov 30 j 11:24	27°♏29'43	
evening set	-3647 Dec 03 j 11:18	26°♏39'10	
inferior conj	-3647 Dec 09 j 09:36	20°♏58'17	3°17'57
minimum elong	-3647 Dec 09 j 06:30	21°♏07'32	3°17'08
min. Earth dist.	-3647 Dec 11 j 05:40	18°♏46'45	0.64834 AU
morning rise	-3647 Dec 15 j 00:34	14°♏51'37	
direct	-3647 Dec 21 j 18:27	12°♏01'23	
morning max el	-3646 Jan 04 j 00:35	19°♏39'50	27°06'14
desc. node	-3646 Jan 09 j 01:41	25°♏11'32	
	-3646 Jan 12 j 22:13	0°♐	
	-3646 Feb 01 j 09:43	0°♑	
morning set	-3646 Feb 08 j 12:48	13°♑11'17	
max. Earth dist.	-3646 Feb 13 j 04:59	22°♑29'03	1.34143 AU
superior conj	-3646 Feb 16 j 18:42	29°♑52'45	-1°-7'-25
minimum elong	-3646 Feb 16 j 21:30	0°♒07'30	1°07'06
	-3646 Feb 16 j 20:04	0°♒	
asc. node	-3646 Feb 23 j 18:57	14°♒41'05	
evening rise	-3646 Feb 24 j 04:39	15°♒31'36	
	-3646 Mar 03 j 13:30	0°♓	
evening max el	-3646 Mar 16 j 16:42	18°♓22'50	21°45'15
retrograde	-3646 Mar 29 j 00:20	24°♓20'04	
evening set	-3646 Mar 31 j 16:21	24°♓04'07	
desc. node	-3646 Apr 07 j 00:39	21°♓39'19	
inferior conj	-3646 Apr 10 j 00:13	20°♓01'14	0°-49'-36
minimum elong	-3646 Apr 09 j 21:55	20°♓04'29	0°48'51
min. Earth dist.	-3646 Apr 09 j 21:10	20°♓05'31	0.55164 AU
morning rise	-3646 Apr 19 j 04:13	16°♓01'18	
direct	-3646 Apr 22 j 00:14	15°♓43'32	
morning max el	-3646 May 04 j 05:57	21°♓31'32	21°44'41
	-3646 May 11 j 09:41	0°♈	
asc. node	-3646 May 22 j 18:33	19°♈53'50	
morning set	-3646 May 24 j 21:22	24°♈13'28	
	-3646 May 27 j 15:41	0°♉	

superior conj	-3646 Jun 01 j 06:54	9°♉44'51	1°24'42
minimum elong	-3646 Jun 01 j 04:14	9°♉30'55	1°24'26
max. Earth dist.	-3646 Jun 04 j 20:08	17°♉03'48	1.34872 AU
evening rise	-3646 Jun 09 j 12:05	26°♉16'57	
	-3646 Jun 11 j 11:05	0°♊	
	-3646 Jun 29 j 14:21	0°♋	
desc. node	-3646 Jul 03 j 23:34	6°♋03'48	
evening max el	-3646 Jul 14 j 14:05	18°♋23'31	26°54'41
retrograde	-3646 Jul 27 j 17:12	25°♋43'10	
evening set	-3646 Aug 03 j 12:18	22°♋56'24	
min. Earth dist.	-3646 Aug 07 j 10:12	18°♋59'08	0.65473 AU
inferior conj	-3646 Aug 09 j 06:49	16°♋48'47	-2°-53'-42
minimum elong	-3646 Aug 09 j 10:29	16°♋38'03	2°52'27
morning rise	-3646 Aug 15 j 09:52	11°♋07'26	
direct	-3646 Aug 18 j 06:25	10°♋22'22	
asc. node	-3646 Aug 18 j 17:49	10°♋23'37	
morning max el	-3646 Aug 24 j 21:00	13°♋59'47	18°24'36
	-3646 Sep 05 j 07:00	0°♌	
morning set	-3646 Sep 13 j 05:42	12°♌56'52	
	-3646 Sep 23 j 18:55	0°♍	
superior conj	-3646 Sep 28 j 06:25	7°♍07'00	0°10'47
minimum elong	-3646 Sep 28 j 07:49	7°♍12'30	0°10'39
behind sun begin	-3646 Sep 27 j 23:13	6°♍38'31	
behind sun end	-3646 Sep 28 j 16:24	7°♍46'28	
desc. node	-3646 Sep 29 j 23:04	9°♍47'33	
max. Earth dist.	-3646 Sep 30 j 08:35	10°♍25'04	1.44803 AU
	-3646 Oct 12 j 19:45	0°♎	
evening rise	-3646 Oct 14 j 19:16	3°♎06'29	
greatest brilliancy	-3646 Oct 28 j 12:09	24°♎23'14	-0.7m
	-3646 Nov 01 j 08:53	0°♏	
evening max el	-3646 Nov 07 j 03:49	7°♏11'15	19°21'59
retrograde	-3646 Nov 14 j 07:24	11°♏18'49	
asc. node	-3646 Nov 14 j 16:45	11°♏17'57	
evening set	-3646 Nov 17 j 14:08	10°♏16'02	
inferior conj	-3646 Nov 23 j 06:28	4°♏20'08	2°39'08
minimum elong	-3646 Nov 23 j 03:27	4°♏29'47	2°38'07
min. Earth dist.	-3646 Nov 24 j 12:39	2°♏43'20	0.65986 AU
	-3646 Nov 26 j 18:57	30°℞♎	
morning rise	-3646 Nov 28 j 15:59	28°♎07'16	
direct	-3646 Dec 04 j 21:36	25°♎24'43	
	-3646 Dec 14 j 10:27	0°♏	
morning max el	-3646 Dec 17 j 10:16	2°♏46'37	26°06'28
desc. node	-3646 Dec 26 j 22:44	13°♏56'09	
	-3645 Jan 07 j 03:35	0°♐	
morning set	-3645 Jan 22 j 13:55	26°♐12'03	
	-3645 Jan 24 j 14:29	0°♑	
max. Earth dist.	-3645 Jan 26 j 15:03	3°♑53'11	1.35526 AU
superior conj	-3645 Jan 31 j 15:52	13°♑53'56	-1°-28'-35
minimum elong	-3645 Jan 31 j 19:04	14°♑10'14	1°28'21
evening rise	-3645 Feb 08 j 11:58	0°♒02'14	
	-3645 Feb 08 j 11:32	0°♒	
asc. node	-3645 Feb 10 j 15:59	4°♒25'38	
evening max el	-3645 Feb 26 j 21:53	29°♒40'34	20°24'10
	-3645 Feb 27 j 06:11	0°♓	
retrograde	-3645 Mar 09 j 14:49	4°♓46'09	
evening set	-3645 Mar 11 j 22:03	4°♓33'01	
inferior conj	-3645 Mar 20 j 20:47	0°♓34'40	1°06'28
minimum elong	-3645 Mar 20 j 23:39	0°♓30'25	1°05'26
	-3645 Mar 21 j 20:17	30°℞♒	
min. Earth dist.	-3645 Mar 22 j 11:18	29°♒38'00	0.55437 AU
desc. node	-3645 Mar 24 j 21:46	28°♒16'30	
morning rise	-3645 Mar 29 j 23:06	26°♒14'10	
direct	-3645 Apr 02 j 13:26	25°♒45'58	
	-3645 Apr 13 j 06:51	0°♓	
morning max el	-3645 Apr 16 j 01:39	2°♓23'37	23°21'37

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3645 May 04 j 19:41	0°♈	
morning set	-3645 May 09 j 08:51	9°♈12'25	
asc. node	-3645 May 09 j 15:35	9°♈47'39	
superior conj	-3645 May 16 j 12:46	24°♈29'54	1°06'08
minimum elong	-3645 May 16 j 10:17	24°♈16'41	1°05'47
max. Earth dist.	-3645 May 18 j 20:04	29°♈23'39	1.33760 AU
	-3645 May 19 j 02:58	0°♉	
evening rise	-3645 May 24 j 04:09	10°♉20'57	
	-3645 Jun 03 j 19:48	0°♊	
desc. node	-3645 Jun 20 j 20:37	24°♊52'32	
	-3645 Jun 25 j 10:22	0°♋	
evening max el	-3645 Jun 27 j 00:56	1°♋36'04	27°22'27
retrograde	-3645 Jul 10 j 14:41	9°♋00'05	
evening set	-3645 Jul 17 j 17:23	6°♋16'38	
min. Earth dist.	-3645 Jul 21 j 09:14	2°♋55'14	0.64088 AU
inferior conj	-3645 Jul 23 j 19:49	0°♋19'30	-3°-35'-26
minimum elong	-3645 Jul 23 j 23:38	0°♋09'18	3°34'26
	-3645 Jul 24 j 03:09	30°℞♊	
morning rise	-3645 Jul 30 j 07:41	24°♊55'02	
direct	-3645 Aug 01 j 23:15	24°♊19'23	
asc. node	-3645 Aug 05 j 14:56	25°♊26'55	
morning max el	-3645 Aug 08 j 11:39	27°♊45'59	18°01'28
	-3645 Aug 10 j 11:50	0°♋	
morning set	-3645 Aug 25 j 20:08	24°♋22'13	
	-3645 Aug 29 j 03:19	0°♌	
superior conj	-3645 Sep 07 j 20:24	16°♌09'58	0°55'22
minimum elong	-3645 Sep 08 j 01:51	16°♌32'10	0°54'49
max. Earth dist.	-3645 Sep 13 j 01:25	24°♌33'28	1.44173 AU
	-3645 Sep 16 j 11:50	0°♍	
desc. node	-3645 Sep 16 j 20:01	0°♍32'14	
evening rise	-3645 Sep 24 j 04:55	12°♍01'31	
	-3645 Oct 06 j 00:14	0°♎	
greatest brilliancy	-3645 Oct 14 j 17:53	12°♎35'13	-0.6m
evening max el	-3645 Oct 21 j 07:53	20°♎37'32	20°19'17
retrograde	-3645 Oct 29 j 04:43	25°♎15'19	
evening set	-3645 Nov 01 j 20:29	23°♎57'47	
asc. node	-3645 Nov 01 j 13:52	24°♎09'07	
inferior conj	-3645 Nov 07 j 08:37	17°♎50'23	1°53'31
minimum elong	-3645 Nov 07 j 06:13	17°♎58'26	1°52'35
min. Earth dist.	-3645 Nov 08 j 02:33	16°♎50'06	0.66790 AU
morning rise	-3645 Nov 12 j 15:25	11°♎33'52	
direct	-3645 Nov 18 j 06:16	9°♎07'27	
morning max el	-3645 Nov 29 j 19:00	15°♎59'27	24°48'35
	-3645 Dec 11 j 09:37	0°♏	
desc. node	-3645 Dec 13 j 19:44	3°♏20'25	
	-3645 Dec 31 j 02:10	0°♐	
morning set	-3644 Jan 04 j 20:07	8°♐11'27	
max. Earth dist.	-3644 Jan 08 j 14:29	14°♐58'29	1.37318 AU
superior conj	-3644 Jan 15 j 02:56	27°♐19'40	-1°-45'-10
minimum elong	-3644 Jan 15 j 05:42	27°♐33'10	1°45'07
	-3644 Jan 16 j 11:38	0°♑	
evening rise	-3644 Jan 23 j 13:56	14°♑10'07	
asc. node	-3644 Jan 28 j 13:00	23°♑49'41	
	-3644 Jan 31 j 23:49	0°♒	
evening max el	-3644 Feb 09 j 13:45	11°♒34'21	19°20'34
retrograde	-3644 Feb 18 j 15:23	15°♒53'26	
evening set	-3644 Feb 20 j 23:09	15°♒37'42	
inferior conj	-3644 Feb 29 j 05:49	11°♒29'07	2°40'39
minimum elong	-3644 Feb 29 j 10:47	11°♒20'51	2°39'15
min. Earth dist.	-3644 Mar 03 j 02:20	9°♒35'56	0.56578 AU
morning rise	-3644 Mar 08 j 18:38	6°♒38'23	
desc. node	-3644 Mar 10 j 18:52	6°♒03'41	
direct	-3644 Mar 13 j 13:28	5°♒45'45	
morning max el	-3644 Mar 27 j 16:43	12°♒58'18	24°59'39

	-3644 Apr 09 j 21:36	0°♓	
morning set	-3644 Apr 22 j 21:03	24°♓14'22	
asc. node	-3644 Apr 25 j 12:34	29°♓52'26	
	-3644 Apr 25 j 13:59	0°♈	
superior conj	-3644 Apr 29 j 22:20	9°♈26'18	0°44'33
minimum elong	-3644 Apr 29 j 20:30	9°♈16'18	0°44'13
max. Earth dist.	-3644 May 01 j 03:50	12°♈06'10	1.33017 AU
evening rise	-3644 May 07 j 04:52	24°♈51'28	
	-3644 May 09 j 18:21	0°♉	
	-3644 May 27 j 10:35	0°♊	
desc. node	-3644 Jun 06 j 17:41	12°♊42'58	
evening max el	-3644 Jun 08 j 09:18	14°♊21'30	27°19'57
retrograde	-3644 Jun 22 j 06:00	21°♊44'41	
evening set	-3644 Jun 29 j 08:25	19°♊18'37	
min. Earth dist.	-3644 Jul 02 j 22:33	16°♊24'29	0.62345 AU
inferior conj	-3644 Jul 05 j 22:08	13°♊34'54	-4°-6'-42
minimum elong	-3644 Jul 06 j 01:03	13°♊27'56	4°06'12
morning rise	-3644 Jul 12 j 20:09	8°♊29'59	
direct	-3644 Jul 15 j 08:52	8°♊01'13	
morning max el	-3644 Jul 22 j 02:19	11°♊25'58	17°56'33
asc. node	-3644 Jul 22 j 12:00	11°♊50'18	
	-3644 Aug 03 j 12:37	0°♋	
morning set	-3644 Aug 07 j 08:26	6°♋50'29	
superior conj	-3644 Aug 18 j 13:01	26°♋32'23	1°26'51
minimum elong	-3644 Aug 18 j 18:06	26°♋54'02	1°26'32
	-3644 Aug 20 j 14:01	0°♌	
max. Earth dist.	-3644 Aug 25 j 14:09	8°♌17'49	1.42915 AU
evening rise	-3644 Sep 02 j 09:55	20°♌47'11	
desc. node	-3644 Sep 02 j 16:59	21°♌14'45	
	-3644 Sep 08 j 09:22	0°♍	
greatest brilliancy	-3644 Sep 28 j 04:08	28°♍12'37	-0.4m
	-3644 Sep 29 j 14:58	0°♎	
evening max el	-3644 Oct 03 j 05:57	4°♎03'41	21°29'01
retrograde	-3644 Oct 12 j 01:19	9°♎17'14	
evening set	-3644 Oct 16 j 04:24	7°♎42'24	
asc. node	-3644 Oct 18 j 10:58	5°♎30'05	
inferior conj	-3644 Oct 21 j 13:56	1°♎27'02	1°03'26
minimum elong	-3644 Oct 21 j 12:30	1°♎31'56	1°02'50
min. Earth dist.	-3644 Oct 21 j 20:53	1°♎03'06	0.67275 AU
	-3644 Oct 22 j 15:20	30°℞♍	
morning rise	-3644 Oct 26 j 20:18	25°♍09'47	
direct	-3644 Oct 31 j 19:50	23°♍03'58	
morning max el	-3644 Nov 11 j 04:14	29°♍14'47	23°22'33
	-3644 Nov 11 j 21:47	0°♎	
greatest brilliancy	-3644 Nov 16 j 18:27	5°♎34'43	-0.2m
desc. node	-3644 Nov 29 j 16:43	23°♎13'12	
	-3644 Dec 04 j 05:32	0°♏	
morning set	-3644 Dec 16 j 01:14	18°♏53'39	
max. Earth dist.	-3644 Dec 20 j 09:47	26°♏20'19	1.39369 AU
	-3644 Dec 22 j 11:47	0°♐	
superior conj	-3644 Dec 27 j 23:49	9°♐59'27	-1°-54'-30
minimum elong	-3644 Dec 28 j 00:52	10°♐04'19	1°54'37
evening rise	-3643 Jan 06 j 07:59	27°♐48'58	
	-3643 Jan 07 j 11:12	0°♑	
asc. node	-3643 Jan 14 j 10:01	12°♑46'23	
evening max el	-3643 Jan 22 j 14:57	24°♑01'18	18°36'40
retrograde	-3643 Jan 30 j 09:43	27°♑48'20	
evening set	-3643 Feb 01 j 20:36	27°♑27'08	
inferior conj	-3643 Feb 09 j 10:31	22°♑59'25	3°37'58
minimum elong	-3643 Feb 09 j 13:58	22°♑52'44	3°37'19
min. Earth dist.	-3643 Feb 12 j 19:27	20°♑24'26	0.58328 AU
morning rise	-3643 Feb 17 j 03:41	17°♑41'39	
direct	-3643 Feb 23 j 02:46	16°♑12'32	
desc. node	-3643 Feb 25 j 15:58	16°♑28'40	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3643 Mar 09 j 09:09	23°♉43'16	26°24'01
	-3643 Mar 15 j 01:27	0°♒	
	-3643 Apr 02 j 18:59	0°♓	
morning set	-3643 Apr 07 j 08:19	9°♓13'28	
asc. node	-3643 Apr 12 j 09:32	20°♓03'39	
superior conj	-3643 Apr 14 j 09:46	24°♓27'25	0°20'54
minimum elong	-3643 Apr 14 j 08:51	24°♓22'25	0°20'41
max. Earth dist.	-3643 Apr 14 j 16:16	25°♓02'56	1.32625 AU
	-3643 Apr 16 j 22:43	0°♈	
evening rise	-3643 Apr 21 j 11:22	9°♈38'57	
	-3643 May 02 j 02:57	0°♉	
evening max el	-3643 May 21 j 12:46	26°♉28'35	26°44'28
desc. node	-3643 May 24 j 14:47	29°♉10'22	
	-3643 May 25 j 16:58	0°♊	
retrograde	-3643 Jun 04 j 13:34	3°♊48'03	
evening set	-3643 Jun 11 j 05:08	1°♊52'53	
	-3643 Jun 14 j 01:14	30°℞♉	
min. Earth dist.	-3643 Jun 15 j 02:16	29°♉11'43	0.60359 AU
inferior conj	-3643 Jun 18 j 10:15	26°♉25'59	-4°-21'-12
minimum elong	-3643 Jun 18 j 10:49	26°♉24'49	4°21'05
morning rise	-3643 Jun 25 j 19:46	21°♉42'44	
direct	-3643 Jun 28 j 07:24	21°♉19'03	
morning max el	-3643 Jul 05 j 14:08	24°♉51'50	18°10'44
asc. node	-3643 Jul 09 j 09:02	29°♉17'35	
	-3643 Jul 09 j 21:17	0°♊	
morning set	-3643 Jul 21 j 13:03	20°♊06'36	
	-3643 Jul 26 j 20:02	0°♋	
superior conj	-3643 Jul 31 j 08:05	8°♋13'18	1°44'02
minimum elong	-3643 Jul 31 j 10:39	8°♋24'50	1°44'03
max. Earth dist.	-3643 Aug 07 j 21:30	21°♋24'28	1.41199 AU
evening rise	-3643 Aug 13 j 05:42	0°♌15'18	
	-3643 Aug 13 j 01:56	0°♌	
desc. node	-3643 Aug 20 j 13:58	11°♌51'08	
	-3643 Sep 01 j 22:00	0°♍	
greatest brilliancy	-3643 Sep 11 j 00:43	12°♍00'45	-0.3m
evening max el	-3643 Sep 15 j 22:15	17°♍29'47	22°47'05
retrograde	-3643 Sep 25 j 19:36	23°♍21'39	
evening set	-3643 Sep 30 j 12:04	21°♍27'33	
asc. node	-3643 Oct 05 j 08:04	15°♍50'40	
inferior conj	-3643 Oct 05 j 20:32	15°♍07'41	0°10'42
minimum elong	-3643 Oct 05 j 20:17	15°♍08'33	0°10'38
transit middle	-3643 Oct 05 j 20:17	15°♍08'33	0°10'38
transit begin	-3643 Oct 05 j 18:14	15°♍15'38	
transit end	-3643 Oct 05 j 22:20	15°♍01'29	
min. Earth dist.	-3643 Oct 05 j 17:09	15°♍19'21	0.67452 AU
morning rise	-3643 Oct 11 j 04:26	8°♍52'44	
direct	-3643 Oct 15 j 13:22	7°♍08'46	
morning max el	-3643 Oct 24 j 17:12	12°♍34'41	21°57'29
greatest brilliancy	-3643 Oct 29 j 13:21	18°♍05'02	-0.4m
	-3643 Nov 07 j 10:18	0°♎	
desc. node	-3643 Nov 16 j 13:41	13°♎26'00	
morning set	-3643 Nov 26 j 01:33	28°♎12'02	
	-3643 Nov 27 j 04:27	0°♏	
max. Earth dist.	-3643 Dec 02 j 09:11	8°♏31'01	1.41406 AU
superior conj	-3643 Dec 10 j 01:17	21°♏39'45	-1°-53'-7
minimum elong	-3643 Dec 09 j 23:08	21°♏30'14	1°53'11
	-3643 Dec 14 j 17:08	0°♐	
evening rise	-3643 Dec 20 j 14:55	10°♐51'36	
	-3643 Dec 31 j 13:04	0°♑	
asc. node	-3642 Jan 01 j 07:03	1°♑07'06	
evening max el	-3642 Jan 05 j 22:49	6°♑53'26	18°12'49
retrograde	-3642 Jan 12 j 22:10	10°♑24'21	
evening set	-3642 Jan 15 j 11:53	9°♑56'27	
inferior conj	-3642 Jan 22 j 11:19	5°♑06'33	4°00'44
minimum elong	-3642 Jan 22 j 12:00	5°♑05'01	4°00'34
min. Earth dist.	-3642 Jan 25 j 17:39	2°♑12'21	0.60329 AU
	-3642 Jan 28 j 14:05	30°℞♐	
morning rise	-3642 Jan 29 j 09:17	29°♐28'50	
direct	-3642 Feb 05 j 03:13	27°♐21'58	
desc. node	-3642 Feb 12 j 13:02	29°♐39'48	
	-3642 Feb 13 j 02:19	0°♑	
morning max el	-3642 Feb 19 j 07:17	5°♑01'42	27°21'08
	-3642 Mar 09 j 20:42	0°♒	
morning set	-3642 Mar 22 j 16:54	24°♒03'29	
	-3642 Mar 25 j 12:41	0°♓	
max. Earth dist.	-3642 Mar 29 j 05:39	8°♓01'23	1.32568 AU
superior conj	-3642 Mar 29 j 21:24	9°♓27'27	0°-3'-59
minimum elong	-3642 Mar 29 j 21:35	9°♓28'27	0°04'01
behind sun begin	-3642 Mar 29 j 16:42	9°♓01'46	
behind sun end	-3642 Mar 30 j 02:28	9°♓55'09	
asc. node	-3642 Mar 30 j 06:31	10°♓17'20	
evening rise	-3642 Apr 05 j 21:24	24°♓35'24	
	-3642 Apr 08 j 12:18	0°♈	
	-3642 Apr 26 j 10:34	0°♉	
evening max el	-3642 May 03 j 09:52	7°♉53'28	25°38'42
desc. node	-3642 May 11 j 11:51	13°♉42'19	
retrograde	-3642 May 17 j 11:41	15°♉06'27	
evening set	-3642 May 23 j 04:20	13°♉49'21	
min. Earth dist.	-3642 May 27 j 22:11	11°♉04'16	0.58338 AU
inferior conj	-3642 May 31 j 04:40	8°♉43'42	-4°-9'-52
minimum elong	-3642 May 31 j 01:41	8°♉49'06	4°09'29
morning rise	-3642 Jun 08 j 02:58	4°♉22'29	
direct	-3642 Jun 10 j 14:31	4°♉02'49	
morning max el	-3642 Jun 18 j 20:20	7°♉55'58	18°44'54
asc. node	-3642 Jun 26 j 06:05	17°♉35'04	
	-3642 Jul 03 j 04:00	0°♊	
morning set	-3642 Jul 05 j 05:33	3°♊59'33	
superior conj	-3642 Jul 14 j 00:25	20°♊59'18	1°49'05
minimum elong	-3642 Jul 14 j 00:28	20°♊59'33	1°49'13
	-3642 Jul 18 j 21:18	0°♋	
max. Earth dist.	-3642 Jul 21 j 00:23	3°♋48'44	1.39258 AU
evening rise	-3642 Jul 25 j 02:45	10°♋56'01	
	-3642 Aug 05 j 22:43	0°♌	
desc. node	-3642 Aug 07 j 10:59	2°♌17'13	
	-3642 Aug 28 j 11:51	0°♍	
evening max el	-3642 Aug 29 j 10:30	0°♍57'37	24°07'44
retrograde	-3642 Sep 09 j 10:33	7°♍25'46	
evening set	-3642 Sep 14 j 17:47	5°♍11'58	
	-3642 Sep 19 j 06:20	30°℞♌	
min. Earth dist.	-3642 Sep 19 j 12:59	29°♌37'36	0.67322 AU
inferior conj	-3642 Sep 20 j 02:44	28°♌51'01	0°-43'00
minimum elong	-3642 Sep 20 j 03:45	28°♌47'36	0°42'30
asc. node	-3642 Sep 22 j 05:11	26°♌05'27	
morning rise	-3642 Sep 25 j 13:56	22°♌41'25	
direct	-3642 Sep 29 j 09:48	21°♌17'57	
morning max el	-3642 Oct 07 j 12:47	26°♌03'08	20°40'18
	-3642 Oct 11 j 00:43	0°♍	
greatest brilliancy	-3642 Oct 13 j 15:52	3°♍21'06	-0.5m
	-3642 Oct 31 j 22:05	0°♎	
desc. node	-3642 Nov 03 j 10:39	3°♎52'56	
morning set	-3642 Nov 05 j 03:37	6°♎31'37	
max. Earth dist.	-3642 Nov 14 j 16:12	21°♎36'30	1.43133 AU
	-3642 Nov 19 j 19:12	0°♏	
superior conj	-3642 Nov 21 j 01:43	2°♏07'00	-1°-37'-11
minimum elong	-3642 Nov 20 j 19:49	1°♏42'22	1°36'48
evening rise	-3642 Dec 03 j 06:49	23°♏09'54	
	-3642 Dec 07 j 03:53	0°♐	
asc. node	-3642 Dec 19 j 04:08	18°♐40'43	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3642 Dec 20 j 10:27	20°♐02'32	18°08'37
retrograde	-3642 Dec 27 j 00:43	23°♐30'43	
evening set	-3642 Dec 29 j 17:24	22°♐55'15	
inferior conj	-3641 Jan 05 j 05:10	17°♐43'49	3°57'28
minimum elong	-3641 Jan 05 j 03:35	17°♐47'50	3°57'12
min. Earth dist.	-3641 Jan 08 j 00:15	14°♐53'19	0.62285 AU
morning rise	-3641 Jan 11 j 11:44	11°♐51'47	
direct	-3641 Jan 18 j 12:53	9°♐16'26	
desc. node	-3641 Jan 30 j 10:06	15°♐05'21	
morning max el	-3641 Feb 01 j 11:44	17°♐01'07	27°43'02
	-3641 Feb 12 j 07:41	0°♑	
	-3641 Mar 02 j 11:57	0°♒	
morning set	-3641 Mar 06 j 20:40	8°♒35'50	
max. Earth dist.	-3641 Mar 12 j 15:56	20°♒45'35	1.32862 AU
superior conj	-3641 Mar 14 j 07:32	24°♒19'20	0°-29'-14
minimum elong	-3641 Mar 14 j 08:51	24°♒26'29	0°29'04
	-3641 Mar 16 j 22:16	0°♓	
asc. node	-3641 Mar 17 j 03:31	0°♓28'24	
evening rise	-3641 Mar 21 j 08:57	9°♓32'29	
	-3641 Apr 01 j 01:03	0°♈	
evening max el	-3641 Apr 15 j 02:04	18°♈44'28	24°11'50
desc. node	-3641 Apr 28 j 08:58	25°♈41'25	
retrograde	-3641 Apr 28 j 22:26	25°♈42'08	
evening set	-3641 May 03 j 07:23	24°♈59'24	
min. Earth dist.	-3641 May 09 j 13:42	21°♈55'32	0.56581 AU
inferior conj	-3641 May 12 j 02:58	20°♈19'37	-3°-22'-18
minimum elong	-3641 May 11 j 21:08	20°♈28'49	3°20'58
morning rise	-3641 May 20 j 14:54	16°♈16'23	
direct	-3641 May 23 j 02:36	15°♈59'53	
morning max el	-3641 Jun 01 j 18:08	20°♈28'20	19°39'35
	-3641 Jun 09 j 07:04	0°♉	
asc. node	-3641 Jun 13 j 03:07	6°♉30'20	
morning set	-3641 Jun 19 j 06:26	18°♉19'44	
	-3641 Jun 25 j 01:21	0°♊	
superior conj	-3641 Jun 27 j 08:23	4°♊33'57	1°44'46
minimum elong	-3641 Jun 27 j 06:43	4°♊25'43	1°44'48
max. Earth dist.	-3641 Jul 03 j 02:52	15°♊40'34	1.37345 AU
evening rise	-3641 Jul 07 j 00:50	22°♊50'46	
	-3641 Jul 11 j 02:53	0°♋	
desc. node	-3641 Jul 25 j 08:00	22°♋27'30	
	-3641 Jul 30 j 17:12	0°♌	
evening max el	-3641 Aug 11 j 21:09	14°♌28'06	25°23'50
retrograde	-3641 Aug 23 j 21:25	21°♌25'13	
evening set	-3641 Aug 29 j 19:43	18°♌53'54	
min. Earth dist.	-3641 Sep 03 j 06:01	13°♌55'58	0.66872 AU
inferior conj	-3641 Sep 04 j 06:48	12°♌35'20	-1°-36'-3
minimum elong	-3641 Sep 04 j 09:03	12°♌28'03	1°35'04
asc. node	-3641 Sep 09 j 02:18	7°♌11'46	
morning rise	-3641 Sep 09 j 22:56	6°♌34'07	
direct	-3641 Sep 13 j 07:50	5°♌28'18	
morning max el	-3641 Sep 20 j 15:43	9°♌40'39	19°35'30
greatest brilliancy	-3641 Sep 29 j 08:58	20°♌50'21	-0.7m
	-3641 Oct 05 j 12:21	0°♍	
morning set	-3641 Oct 15 j 04:00	14°♍53'47	
desc. node	-3641 Oct 21 j 07:38	24°♍29'31	
	-3641 Oct 24 j 19:51	0°♎	
max. Earth dist.	-3641 Oct 28 j 05:30	5°♎22'33	1.44321 AU
superior conj	-3641 Oct 31 j 22:47	11°♎18'25	-1°-4'-21
minimum elong	-3641 Oct 31 j 15:55	10°♎50'52	1°03'36
	-3641 Nov 12 j 09:19	0°♏	
evening rise	-3641 Nov 15 j 03:03	4°♏34'45	
	-3641 Dec 01 j 01:57	0°♐	
evening max el	-3641 Dec 03 j 23:07	3°♐22'28	18°23'19
asc. node	-3641 Dec 06 j 01:14	5°♐13'59	
retrograde	-3641 Dec 10 j 12:54	6°♐58'44	
evening set	-3641 Dec 13 j 09:36	6°♐14'23	
inferior conj	-3641 Dec 19 j 12:12	0°♐43'37	3°36'08
minimum elong	-3641 Dec 19 j 09:24	0°♐51'35	3°35'31
	-3641 Dec 20 j 03:29	30°♑℞	
min. Earth dist.	-3641 Dec 21 j 16:50	28°♏14'21	0.63996 AU
morning rise	-3641 Dec 25 j 07:44	24°♏41'17	
direct	-3640 Jan 01 j 06:23	21°♏51'57	
morning max el	-3640 Jan 14 j 20:12	29°♏35'58	27°28'54
	-3640 Jan 15 j 05:49	0°♐	
desc. node	-3640 Jan 17 j 07:10	2°♐09'43	
	-3640 Feb 06 j 05:03	0°♑	
morning set	-3640 Feb 18 j 16:59	22°♑41'48	
	-3640 Feb 22 j 07:54	0°♒	
max. Earth dist.	-3640 Feb 23 j 19:02	3°♒02'04	1.33551 AU
superior conj	-3640 Feb 26 j 14:24	8°♒57'14	0°-53'-56
minimum elong	-3640 Feb 26 j 16:45	9°♒09'43	0°53'38
asc. node	-3640 Mar 03 j 00:32	20°♒32'54	
evening rise	-3640 Mar 04 j 20:17	24°♒24'04	
	-3640 Mar 07 j 13:30	0°♓	
evening max el	-3640 Mar 26 j 18:52	29°♓26'32	22°37'31
	-3640 Mar 27 j 09:10	0°♈	
retrograde	-3640 Apr 08 j 20:48	5°♈50'54	
evening set	-3640 Apr 11 j 23:55	5°♈29'25	
desc. node	-3640 Apr 14 j 06:05	4°♈49'11	
min. Earth dist.	-3640 Apr 20 j 03:58	1°♈54'48	0.55437 AU
inferior conj	-3640 Apr 21 j 07:12	1°♈15'49	-1°-54'-13
minimum elong	-3640 Apr 21 j 02:19	1°♈22'49	1°52'41
	-3640 Apr 23 j 13:08	30°♓℞	
morning rise	-3640 Apr 30 j 07:03	27°♓19'08	
direct	-3640 May 02 j 21:36	27°♓03'21	
	-3640 May 11 j 08:17	0°♈	
morning max el	-3640 May 14 j 05:27	2°♈21'03	20°54'02
asc. node	-3640 May 30 j 00:09	25°♈54'04	
	-3640 Jun 01 j 01:41	0°♉	
morning set	-3640 Jun 02 j 13:05	3°♉00'03	
superior conj	-3640 Jun 10 j 03:26	18°♉43'59	1°33'32
minimum elong	-3640 Jun 10 j 00:55	18°♉31'04	1°33'24
max. Earth dist.	-3640 Jun 14 j 11:20	27°♉27'19	1.35677 AU
	-3640 Jun 15 j 18:31	0°♊	
evening rise	-3640 Jun 18 j 19:15	5°♊47'35	
	-3640 Jul 02 j 21:33	0°♋	
desc. node	-3640 Jul 11 j 05:03	12°♋14'38	
evening max el	-3640 Jul 24 j 08:12	27°♋58'57	26°27'15
	-3640 Jul 26 j 12:45	0°♌	
retrograde	-3640 Aug 06 j 03:29	5°♌13'48	
evening set	-3640 Aug 12 j 15:40	2°♌30'25	
	-3640 Aug 15 j 04:25	30°℞♋	
min. Earth dist.	-3640 Aug 16 j 17:51	28°♋10'48	0.66082 AU
inferior conj	-3640 Aug 18 j 06:49	26°♋17'41	-2°-26'-37
minimum elong	-3640 Aug 18 j 10:05	26°♋07'42	2°25'23
morning rise	-3640 Aug 24 j 05:26	20°♋27'59	
asc. node	-3640 Aug 25 j 23:26	19°♋45'25	
direct	-3640 Aug 27 j 05:45	19°♋36'21	
morning max el	-3640 Sep 03 j 00:51	23°♋24'21	18°45'42
	-3640 Sep 08 j 08:59	0°♌	
morning set	-3640 Sep 23 j 23:57	24°♌16'09	
	-3640 Sep 27 j 14:13	0°♍	
desc. node	-3640 Oct 07 j 04:36	15°♍11'32	
superior conj	-3640 Oct 10 j 00:32	19°♍39'08	0°-17'-56
minimum elong	-3640 Oct 09 j 22:10	19°♍29'50	0°17'36
max. Earth dist.	-3640 Oct 09 j 22:31	19°♍31'12	1.44834 AU
	-3640 Oct 16 j 13:57	0°♎	
evening rise	-3640 Oct 25 j 23:18	14°♎56'42	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3640 Nov	04 j 09:19	0°♏				-3639 Oct	09 j 11:39	0°♎	
evening max el	-3640 Nov	16 j 10:12	16°♏47'26	18°55'52		greatest brilliancy	-3639 Oct	22 j 17:59	20°♎04'21	-0.7m
asc. node	-3640 Nov	21 j 22:21	20°♏30'46				-3639 Oct	30 j 11:59	0°♏	
retrograde	-3640 Nov	23 j 06:47	20°♏40'58			evening max el	-3639 Oct	30 j 17:26	0°♏14'13	19°44'42
evening set	-3640 Nov	26 j 09:17	19°♏45'39			retrograde	-3639 Nov	07 j 03:29	4°♏33'18	
inferior conj	-3640 Dec	02 j 04:50	13°♏58'17	3°02'30		asc. node	-3639 Nov	08 j 19:27	4°♏17'14	
minimum elong	-3640 Dec	02 j 01:42	14°♏07'58	3°01'34		evening set	-3639 Nov	10 j 13:51	3°♏24'32	
min. Earth dist.	-3640 Dec	03 j 18:56	12°♏00'43	0.65368 AU			-3639 Nov	14 j 02:57	30°℞♎	
morning rise	-3640 Dec	07 j 17:07	7°♏48'38			inferior conj	-3639 Nov	16 j 04:12	27°♎23'31	2°20'27
direct	-3640 Dec	14 j 06:20	4°♏59'58			minimum elong	-3639 Nov	16 j 01:24	27°♎32'42	2°19'25
morning max el	-3640 Dec	27 j 05:47	12°♏33'22	26°43'32		min. Earth dist.	-3639 Nov	17 j 05:01	26°♎02'11	0.66376 AU
desc. node	-3639 Jan	03 j 04:13	20°♏23'34			morning rise	-3639 Nov	21 j 12:17	21°♎09'00	
	-3639 Jan	10 j 08:22	0°♐			direct	-3639 Nov	27 j 11:57	18°♎32'24	
	-3639 Jan	28 j 19:03	0°♑			morning max el	-3639 Dec	09 j 14:48	25°♎42'31	25°34'55
morning set	-3639 Feb	01 j 02:21	6°♑09'51				-3639 Dec	13 j 13:47	0°♏	
max. Earth dist.	-3639 Feb	05 j 11:30	14°♑42'51	1.34676 AU		desc. node	-3639 Dec	21 j 01:15	9°♏26'29	
							-3638 Jan	03 j 21:14	0°♐	
superior conj	-3639 Feb	09 j 15:50	23°♑13'58	-1°-16'-50		morning set	-3638 Jan	14 j 20:07	18°♐46'03	
minimum elong	-3639 Feb	09 j 18:54	23°♑29'47	1°16'31		max. Earth dist.	-3638 Jan	18 j 16:25	25°♐54'53	1.36247 AU
	-3639 Feb	12 j 21:37	0°♒				-3638 Jan	20 j 19:34	0°♑	
evening rise	-3639 Feb	17 j 05:36	9°♒03'46							
asc. node	-3639 Feb	17 j 21:34	10°♒26'05			superior conj	-3638 Jan	24 j 09:09	7°♑01'22	-1°-36'-20
	-3639 Feb	28 j 11:56	0°♓			minimum elong	-3638 Jan	24 j 12:18	7°♑17'06	1°36'09
evening max el	-3639 Mar	08 j 18:32	10°♓26'35	21°08'54		evening rise	-3638 Feb	01 j 10:54	23°♑25'27	
retrograde	-3639 Mar	20 j 10:31	16°♓01'32			asc. node	-3638 Feb	04 j 18:35	0°♒02'42	
evening set	-3639 Mar	22 j 21:05	15°♓47'47				-3638 Feb	04 j 18:02	0°♒	
inferior conj	-3639 Apr	01 j 02:30	11°♓49'25	0°00'28		evening max el	-3638 Feb	19 j 04:21	21°♒59'44	19°54'46
minimum elong	-3639 Apr	01 j 02:31	11°♓49'23	0°00'25		retrograde	-3638 Mar	01 j 03:34	26°♒43'43	
transit middle	-3639 Apr	01 j 02:31	11°♓49'23	0°00'25		evening set	-3638 Mar	03 j 10:38	26°♒29'48	
transit begin	-3639 Mar	31 j 22:25	11°♓55'12			inferior conj	-3638 Mar	12 j 02:56	22°♒28'37	1°50'31
transit end	-3639 Apr	01 j 06:37	11°♓43'35			minimum elong	-3638 Mar	12 j 07:13	22°♒22'00	1°49'06
desc. node	-3639 Apr	01 j 03:10	11°♓48'28			min. Earth dist.	-3638 Mar	14 j 08:12	21°♒06'58	0.55832 AU
min. Earth dist.	-3639 Apr	01 j 18:05	11°♓27'21	0.55167 AU		desc. node	-3638 Mar	19 j 00:17	18°♒39'35	
morning rise	-3639 Apr	10 j 07:16	7°♓42'21			morning rise	-3638 Mar	21 j 00:48	17°♒56'01	
direct	-3639 Apr	13 j 09:39	7°♓21'22			direct	-3638 Mar	25 j 02:48	17°♒19'09	
morning max el	-3639 Apr	26 j 06:00	13°♓32'19	22°24'52		morning max el	-3638 Apr	07 j 22:47	24°♒13'10	24°04'01
	-3639 May	08 j 14:54	0°♈				-3638 Apr	13 j 04:47	0°♓	
asc. node	-3639 May	16 j 21:10	15°♈38'52				-3638 May	01 j 01:35	0°♈	
morning set	-3639 May	17 j 23:22	17°♈54'19			morning set	-3638 May	02 j 11:22	2°♈55'33	
	-3639 May	23 j 16:33	0°♉			asc. node	-3638 May	03 j 18:08	5°♈37'59	
superior conj	-3639 May	25 j 06:08	3°♉19'03	1°17'15		superior conj	-3638 May	09 j 13:48	18°♈09'47	0°57'18
minimum elong	-3639 May	25 j 03:29	3°♉05'03	1°16'57		minimum elong	-3638 May	09 j 11:33	17°♈57'39	0°56'56
max. Earth dist.	-3639 May	28 j 05:52	9°♉33'53	1.34356 AU		max. Earth dist.	-3638 May	11 j 09:45	22°♈05'35	1.33405 AU
evening rise	-3639 Jun	02 j 04:46	19°♉31'40				-3638 May	15 j 04:04	0°♉	
	-3639 Jun	07 j 18:24	0°♊			evening rise	-3638 May	17 j 00:55	3°♉48'31	
	-3639 Jun	26 j 22:39	0°♋				-3638 May	31 j 12:34	0°♊	
desc. node	-3639 Jun	28 j 02:05	1°♋28'55			desc. node	-3638 Jun	14 j 23:08	19°♊55'32	
evening max el	-3639 Jul	06 j 19:47	11°♋22'52	27°10'01		evening max el	-3638 Jun	19 j 06:02	24°♊26'06	27°25'20
retrograde	-3639 Jul	20 j 04:09	18°♋44'55				-3638 Jun	26 j 13:06	0°♋	
evening set	-3639 Jul	27 j 03:04	15°♋58'23			retrograde	-3638 Jul	02 j 22:47	1°♋49'13	
min. Earth dist.	-3639 Jul	30 j 22:12	12°♋16'41	0.64926 AU			-3638 Jul	08 j 21:49	30°℞♊	
inferior conj	-3639 Aug	02 j 00:35	9°♋54'49	-3°-12'-25		evening set	-3638 Jul	10 j 02:36	29°♊11'35	
minimum elong	-3639 Aug	02 j 04:26	9°♋43'59	3°11'14		min. Earth dist.	-3638 Jul	13 j 17:07	26°♊03'10	0.63392 AU
morning rise	-3639 Aug	08 j 07:11	4°♋19'56			inferior conj	-3638 Jul	16 j 09:25	23°♊20'07	-3°-50'-17
direct	-3639 Aug	11 j 01:21	3°♋39'10			minimum elong	-3638 Jul	16 j 13:01	23°♊10'57	3°49'29
asc. node	-3639 Aug	12 j 20:31	3°♋56'27			morning rise	-3638 Jul	23 j 01:26	18°♊03'28	
morning max el	-3639 Aug	17 j 14:09	7°♋11'08	18°12'32		direct	-3638 Jul	25 j 15:40	17°♊30'52	
	-3639 Sep	01 j 23:42	0°♌			asc. node	-3638 Jul	30 j 17:34	19°♊35'41	
morning set	-3639 Sep	04 j 23:31	4°♌59'20			morning max el	-3638 Aug	01 j 05:06	20°♊55'15	17°57'05
							-3638 Aug	08 j 01:33	0°♋	
superior conj	-3639 Sep	19 j 03:50	28°♌09'09	0°30'58		morning set	-3638 Aug	17 j 23:58	16°♋53'34	
minimum elong	-3639 Sep	19 j 07:31	28°♌23'51	0°30'33			-3638 Aug	25 j 14:00	0°♌	
	-3639 Sep	20 j 07:38	0°♍							
max. Earth dist.	-3639 Sep	22 j 16:40	3°♍46'17	1.44623 AU		superior conj	-3638 Aug	30 j 04:27	7°♌43'42	1°10'32
desc. node	-3639 Sep	24 j 01:34	5°♍56'14			minimum elong	-3638 Aug	30 j 10:11	8°♌07'30	1°10'02
evening rise	-3639 Oct	05 j 19:26	24°♍17'58			max. Earth dist.	-3638 Sep	05 j 08:32	17°♌48'14	1.43713 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3638 Sep 10 j 22:31	26°♌40'20	
	-3638 Sep 13 j 01:35	0°♍	
evening rise	-3638 Sep 15 j 00:41	3°♍02'45	
	-3638 Oct 03 j 01:08	0°♎	
greatest brilliancy	-3638 Oct 07 j 23:29	6°♎45'47	-0.5m
evening max el	-3638 Oct 13 j 19:01	13°♎40'27	20°47'39
retrograde	-3638 Oct 22 j 00:40	18°♎32'36	
evening set	-3638 Oct 25 j 21:06	17°♎07'46	
asc. node	-3638 Oct 26 j 16:33	16°♎28'11	
inferior conj	-3638 Oct 31 j 07:55	10°♎56'29	1°32'41
minimum elong	-3638 Oct 31 j 05:54	11°♎03'21	1°31'52
min. Earth dist.	-3638 Oct 31 j 20:59	10°♎12'03	0.67036 AU
morning rise	-3638 Nov 05 j 14:18	4°♎39'34	
direct	-3638 Nov 10 j 22:36	2°♎21'48	
morning max el	-3638 Nov 21 j 23:31	8°♎56'41	24°12'31
desc. node	-3638 Dec 07 j 22:15	29°♎04'11	
	-3638 Dec 08 j 13:47	0°♏	
morning set	-3638 Dec 27 j 16:25	0°♐14'35	
	-3638 Dec 27 j 13:02	0°♐	
max. Earth dist.	-3638 Dec 31 j 13:37	7°♐05'01	1.38172 AU
superior conj	-3637 Jan 07 j 14:47	20°♐09'26	-1°-50'-12
minimum elong	-3637 Jan 07 j 17:00	20°♐20'03	1°50'14
	-3637 Jan 12 j 16:14	0°♑	
evening rise	-3637 Jan 16 j 09:54	7°♑22'32	
asc. node	-3637 Jan 22 j 15:37	19°♑16'37	
	-3637 Jan 29 j 09:33	0°♒	
evening max el	-3637 Feb 02 j 00:25	4°♒08'36	18°59'25
retrograde	-3637 Feb 10 j 11:40	8°♒12'31	
evening set	-3637 Feb 12 j 20:41	7°♒54'39	
inferior conj	-3637 Feb 20 j 20:00	3°♒38'13	3°09'36
minimum elong	-3637 Feb 21 j 00:39	3°♒29'58	3°08'29
min. Earth dist.	-3637 Feb 23 j 23:42	1°♒25'10	0.57264 AU
	-3637 Feb 26 j 05:20	30°℞♑	
morning rise	-3637 Mar 01 j 00:48	28°♑35'15	
desc. node	-3637 Mar 05 j 21:23	27°♑28'56	
direct	-3637 Mar 06 j 08:06	27°♑28'27	
	-3637 Mar 14 j 10:57	0°♒	
morning max el	-3637 Mar 20 j 13:53	4°♒49'51	25°38'10
	-3637 Apr 07 j 17:50	0°♓	
morning set	-3637 Apr 16 j 23:25	17°♓57'51	
asc. node	-3637 Apr 20 j 15:08	25°♓46'34	
	-3637 Apr 22 j 13:42	0°♈	
superior conj	-3637 Apr 24 j 00:25	3°♈09'24	0°34'44
minimum elong	-3637 Apr 23 j 22:56	3°♈01'21	0°34'26
max. Earth dist.	-3637 Apr 24 j 20:07	4°♈56'46	1.32812 AU
evening rise	-3637 May 01 j 04:26	18°♈27'39	
	-3637 May 07 j 00:39	0°♉	
	-3637 May 26 j 04:55	0°♊	
evening max el	-3637 Jun 01 j 12:27	6°♊55'52	27°08'41
desc. node	-3637 Jun 01 j 20:12	7°♊14'13	
retrograde	-3637 Jun 15 j 10:51	14°♊17'38	
evening set	-3637 Jun 22 j 10:21	12°♊02'56	
min. Earth dist.	-3637 Jun 26 j 01:57	9°♊16'41	0.61529 AU
inferior conj	-3637 Jun 29 j 06:07	6°♊26'07	-4°-15'-22
minimum elong	-3637 Jun 29 j 08:14	6°♊21'22	4°15'04
morning rise	-3637 Jul 06 j 08:55	1°♊30'31	
direct	-3637 Jul 08 j 21:05	1°♊04'02	
morning max el	-3637 Jul 15 j 18:56	4°♊30'27	18°00'12
asc. node	-3637 Jul 17 j 14:37	6°♊28'07	
morning set	-3637 Jul 31 j 19:46	29°♊43'36	
	-3637 Jul 31 j 23:21	0°♋	
superior conj	-3637 Aug 11 j 08:49	18°♋41'06	1°35'49
minimum elong	-3637 Aug 11 j 12:55	18°♋59'01	1°35'39
	-3637 Aug 18 j 00:16	0°♌	
max. Earth dist.	-3637 Aug 18 j 19:12	1°♌18'30	1.42228 AU
evening rise	-3637 Aug 25 j 09:50	12°♌00'22	
desc. node	-3637 Aug 28 j 19:29	17°♌20'35	
	-3637 Sep 06 j 03:43	0°♍	
greatest brilliancy	-3637 Sep 21 j 19:31	21°♍40'11	-0.4m
evening max el	-3637 Sep 26 j 14:22	27°♍05'45	22°01'30
	-3637 Sep 29 j 19:22	0°♎	
retrograde	-3637 Oct 05 j 20:33	2°♎35'57	
evening set	-3637 Oct 10 j 05:07	0°♎52'56	
	-3637 Oct 11 j 05:00	30°℞♍	
asc. node	-3637 Oct 13 j 13:39	27°♍18'05	
inferior conj	-3637 Oct 15 j 14:00	24°♍34'56	0°41'15
minimum elong	-3637 Oct 15 j 13:03	24°♍38'12	0°40'52
min. Earth dist.	-3637 Oct 15 j 16:25	24°♍26'32	0.67382 AU
morning rise	-3637 Oct 20 j 20:47	18°♍18'18	
direct	-3637 Oct 25 j 13:50	16°♍22'05	
morning max el	-3637 Nov 04 j 10:05	22°♍14'07	22°45'49
greatest brilliancy	-3637 Nov 09 j 04:12	27°♍34'46	-0.3m
	-3637 Nov 11 j 02:52	0°♎	
desc. node	-3637 Nov 24 j 19:13	19°♎06'11	
	-3637 Dec 01 j 22:26	0°♏	
morning set	-3637 Dec 08 j 09:22	10°♏20'47	
max. Earth dist.	-3637 Dec 13 j 10:00	18°♏45'35	1.40248 AU
	-3637 Dec 19 j 19:56	0°♐	
superior conj	-3637 Dec 21 j 04:03	2°♐25'07	-1°-55'-27
minimum elong	-3637 Dec 21 j 03:54	2°♐24'27	1°55'36
evening rise	-3637 Dec 30 j 23:40	20°♐46'55	
	-3636 Jan 04 j 21:49	0°♑	
asc. node	-3636 Jan 09 j 12:40	7°♑59'23	
evening max el	-3636 Jan 16 j 04:44	16°♑46'53	18°24'07
retrograde	-3636 Jan 23 j 14:08	20°♑25'38	
evening set	-3636 Jan 26 j 02:05	20°♑01'51	
inferior conj	-3636 Feb 02 j 09:31	15°♑24'54	3°51'21
minimum elong	-3636 Feb 02 j 11:48	15°♑20'09	3°50'59
min. Earth dist.	-3636 Feb 05 j 18:49	12°♑38'34	0.59159 AU
morning rise	-3636 Feb 09 j 18:07	9°♑57'24	
direct	-3636 Feb 16 j 02:24	8°♑11'41	
desc. node	-3636 Feb 20 j 18:29	9°♑06'26	
morning max el	-3636 Mar 01 j 08:41	15°♑47'51	26°52'18
	-3636 Mar 12 j 22:32	0°♒	
	-3636 Mar 30 j 00:04	0°♓	
morning set	-3636 Mar 31 j 09:47	2°♓54'04	
asc. node	-3636 Apr 06 j 12:08	15°♓59'29	
superior conj	-3636 Apr 07 j 12:08	18°♓10'55	0°10'28
minimum elong	-3636 Apr 07 j 11:41	18°♓08'22	0°10'20
behind sun begin	-3636 Apr 07 j 07:53	17°♓47'33	
behind sun end	-3636 Apr 07 j 15:29	18°♓29'12	
max. Earth dist.	-3636 Apr 07 j 09:18	17°♓55'23	1.32555 AU
	-3636 Apr 12 j 22:50	0°♈	
evening rise	-3636 Apr 14 j 12:40	3°♈19'39	
	-3636 Apr 28 j 22:57	0°♉	
evening max el	-3636 May 13 j 13:02	18°♉44'17	26°19'43
desc. node	-3636 May 18 j 17:16	22°♉57'01	
retrograde	-3636 May 27 j 15:02	26°♉02'29	
evening set	-3636 Jun 02 j 22:14	24°♉22'56	
min. Earth dist.	-3636 Jun 07 j 02:04	21°♉42'09	0.59486 AU
inferior conj	-3636 Jun 10 j 11:07	19°♉04'09	-4°-20'-12
minimum elong	-3636 Jun 10 j 10:16	19°♉05'50	4°20'05
morning rise	-3636 Jun 18 j 01:58	14°♉30'41	
direct	-3636 Jun 20 j 13:20	14°♉08'58	
morning max el	-3636 Jun 28 j 04:49	17°♉48'50	18°22'48
asc. node	-3636 Jul 03 j 11:39	24°♉18'36	
	-3636 Jul 07 j 00:43	0°♊	
morning set	-3636 Jul 14 j 05:56	13°♊16'40	
	-3636 Jul 23 j 02:20	0°♋	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3636 Jul	23 j 13:42	0°♋52'16	1°47'30
minimum elong	-3636 Jul	23 j 15:08	0°♋58'50	1°47'35
max. Earth dist.	-3636 Jul	30 j 23:51	14°♋05'14	1.40381 AU
evening rise	-3636 Aug	04 j 15:50	21°♋57'59	
	-3636 Aug	09 j 14:48	0°♌	
desc. node	-3636 Aug	14 j 16:28	7°♌53'21	
	-3636 Aug	30 j 05:10	0°♍	
evening max el	-3636 Sep	08 j 04:34	10°♍32'25	23°21'30
retrograde	-3636 Sep	18 j 13:41	16°♍41'03	
evening set	-3636 Sep	23 j 12:12	14°♍38'36	
inferior conj	-3636 Sep	28 j 20:40	8°♍17'40	0°-12'-3
minimum elong	-3636 Sep	28 j 20:57	8°♍16'42	0°11'53
transit middle	-3636 Sep	28 j 20:57	8°♍16'42	0°11'53
transit begin	-3636 Sep	28 j 19:05	8°♍23'05	
transit end	-3636 Sep	28 j 22:48	8°♍10'20	
min. Earth dist.	-3636 Sep	28 j 12:56	8°♍44'13	0.67428 AU
asc. node	-3636 Sep	29 j 10:44	7°♍29'29	
morning rise	-3636 Oct	04 j 05:44	2°♍04'21	
direct	-3636 Oct	08 j 08:48	0°♍29'24	
morning max el	-3636 Oct	17 j 01:38	5°♍37'48	21°23'19
greatest brilliancy	-3636 Oct	22 j 08:06	11°♍43'31	-0.4m
	-3636 Nov	04 j 09:50	0°♎	
desc. node	-3636 Nov	10 j 16:13	9°♎25'55	
morning set	-3636 Nov	16 j 22:31	19°♎08'55	
	-3636 Nov	23 j 16:52	0°♏	
max. Earth dist.	-3636 Nov	24 j 11:55	1°♏18'03	1.42191 AU
superior conj	-3636 Dec	01 j 19:29	13°♏35'50	-1°-48'-21
minimum elong	-3636 Dec	01 j 15:40	13°♏19'24	1°48'16
	-3636 Dec	11 j 02:01	0°♐	
evening rise	-3636 Dec	13 j 00:44	3°♐31'40	
asc. node	-3636 Dec	26 j 09:44	26°♐01'40	
evening max el	-3636 Dec	29 j 14:35	29°♐47'17	18°08'42
	-3636 Dec	29 j 19:47	0°♑	
retrograde	-3635 Jan	05 j 08:56	3°♑15'22	
evening set	-3635 Jan	07 j 23:49	2°♑44'27	
	-3635 Jan	12 j 06:44	30°℞♐	
inferior conj	-3635 Jan	14 j 17:59	27°♐45'33	4°01'57
minimum elong	-3635 Jan	14 j 17:36	27°♐46'28	4°01'49
min. Earth dist.	-3635 Jan	17 j 20:25	24°♐50'01	0.61184 AU
morning rise	-3635 Jan	21 j 08:52	22°♐01'09	
direct	-3635 Jan	28 j 07:24	19°♐40'09	
desc. node	-3635 Feb	06 j 15:35	23°♐18'46	
morning max el	-3635 Feb	11 j 09:30	27°♐23'03	27°34'51
	-3635 Feb	13 j 22:01	0°♑	
	-3635 Mar	06 j 12:33	0°♒	
morning set	-3635 Mar	15 j 16:35	17°♒37'14	
	-3635 Mar	21 j 12:45	0°♓	
max. Earth dist.	-3635 Mar	21 j 21:37	0°♓48'04	1.32644 AU
superior conj	-3635 Mar	22 j 23:21	3°♓08'12	0°-14'-41
minimum elong	-3635 Mar	23 j 00:01	3°♓11'50	0°14'38
behind sun begin	-3635 Mar	22 j 22:06	3°♓01'21	
behind sun end	-3635 Mar	23 j 01:56	3°♓22'18	
asc. node	-3635 Mar	24 j 09:09	6°♓12'35	
evening rise	-3635 Mar	29 j 23:33	18°♓16'57	
	-3635 Apr	04 j 19:09	0°♈	
	-3635 Apr	25 j 10:38	0°♉	
evening max el	-3635 Apr	25 j 07:44	29°♈53'05	25°03'40
desc. node	-3635 May	05 j 14:23	6°♉28'13	
retrograde	-3635 May	09 j 08:47	7°♉01'15	
evening set	-3635 May	14 j 12:15	6°♉00'16	
min. Earth dist.	-3635 May	19 j 20:01	3°♉08'27	0.57532 AU
inferior conj	-3635 May	22 j 21:07	1°♉04'58	-3°-54'-41
minimum elong	-3635 May	22 j 16:39	1°♉12'35	3°53'56
	-3635 May	24 j 12:01	30°℞♈	
morning rise	-3635 May	31 j 01:09	26°♈51'59	
direct	-3635 Jun	02 j 12:33	26°♈33'53	
	-3635 Jun	10 j 13:35	0°♉	
morning max el	-3635 Jun	11 j 07:45	0°♉40'42	19°05'37
asc. node	-3635 Jun	20 j 08:43	12°♉53'38	
morning set	-3635 Jun	28 j 02:23	27°♉22'22	
	-3635 Jun	29 j 10:16	0°♊	
superior conj	-3635 Jul	06 j 13:18	14°♊00'41	1°48'14
minimum elong	-3635 Jul	06 j 12:31	13°♊56'54	1°48'21
max. Earth dist.	-3635 Jul	13 j 01:39	26°♊12'33	1.38427 AU
	-3635 Jul	15 j 04:22	0°♋	
evening rise	-3635 Jul	17 j 00:01	3°♋11'45	
desc. node	-3635 Aug	01 j 13:29	28°♋13'33	
	-3635 Aug	02 j 18:22	0°♌	
evening max el	-3635 Aug	21 j 15:59	24°♌02'07	24°41'14
	-3635 Aug	29 j 17:50	0°♍	
retrograde	-3635 Sep	02 j 02:57	0°♍43'36	
	-3635 Sep	05 j 06:13	30°℞♌	
evening set	-3635 Sep	07 j 16:31	28°♌22'15	
min. Earth dist.	-3635 Sep	12 j 07:57	23°♌02'51	0.67171 AU
inferior conj	-3635 Sep	13 j 02:11	22°♌01'59	-1°-5'-40
minimum elong	-3635 Sep	13 j 03:44	21°♌56'49	1°04'57
asc. node	-3635 Sep	16 j 07:52	18°♌00'12	
morning rise	-3635 Sep	18 j 15:16	15°♌55'19	
direct	-3635 Sep	22 j 06:15	14°♌39'34	
morning max el	-3635 Sep	30 j 00:14	19°♌09'42	20°10'56
greatest brilliancy	-3635 Oct	07 j 00:46	27°♌45'40	-0.6m
	-3635 Oct	08 j 15:29	0°♍	
morning set	-3635 Oct	26 j 20:43	27°♍20'21	
desc. node	-3635 Oct	28 j 13:12	29°♍57'25	
	-3635 Oct	28 j 13:52	0°♎	
max. Earth dist.	-3635 Nov	06 j 21:41	14°♎42'13	1.43720 AU
superior conj	-3635 Nov	12 j 08:09	23°♎30'18	-1°-25'-18
minimum elong	-3635 Nov	12 j 01:15	23°♎02'02	1°24'43
	-3635 Nov	16 j 06:29	0°♏	
evening rise	-3635 Nov	25 j 08:45	15°♏27'57	
	-3635 Dec	03 j 20:42	0°♐	
evening max el	-3635 Dec	13 j 03:03	13°♐02'04	18°12'40
asc. node	-3635 Dec	13 j 06:49	13°♐11'30	
retrograde	-3635 Dec	19 j 15:58	16°♐32'03	
evening set	-3635 Dec	22 j 10:18	15°♐52'53	
inferior conj	-3635 Dec	28 j 17:52	10°♐32'59	3°50'13
minimum elong	-3635 Dec	28 j 15:39	10°♐38'56	3°49'48
min. Earth dist.	-3635 Dec	31 j 07:00	7°♐49'54	0.63057 AU
morning rise	-3634 Jan	03 j 19:16	4°♐36'30	
direct	-3634 Jan	10 j 20:35	1°♐53'16	
morning max el	-3634 Jan	24 j 15:44	9°♐37'52	27°41'14
desc. node	-3634 Jan	24 j 12:41	9°♐30'23	
	-3634 Feb	09 j 14:27	0°♑	
	-3634 Feb	26 j 17:34	0°♒	
morning set	-3634 Feb	27 j 17:33	1°♒59'40	
max. Earth dist.	-3634 Mar	05 j 05:19	13°♒22'11	1.33104 AU
superior conj	-3634 Mar	07 j 08:22	17°♒55'22	0°-39'-50
minimum elong	-3634 Mar	07 j 10:08	18°♒04'56	0°39'36
asc. node	-3634 Mar	11 j 06:10	26°♒21'49	
	-3634 Mar	12 j 22:50	0°♓	
evening rise	-3634 Mar	14 j 11:16	3°♓13'04	
	-3634 Mar	29 j 05:18	0°♈	
evening max el	-3634 Apr	06 j 23:39	10°♈38'04	23°31'52
retrograde	-3634 Apr	20 j 13:50	17°♈23'12	
desc. node	-3634 Apr	22 j 11:30	17°♈15'07	
evening set	-3634 Apr	24 j 09:09	16°♈51'26	
min. Earth dist.	-3634 May	01 j 10:42	13°♈36'15	0.56001 AU
inferior conj	-3634 May	03 j 11:12	12°♈23'50	-2°-49'-40
minimum elong	-3634 May	03 j 05:10	12°♈32'53	2°48'02

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3634 May 12 j 04:36	8°♈25'02	
direct	-3634 May 14 j 17:09	8°♈09'07	
morning max el	-3634 May 25 j 01:12	12°♈57'09	20°08'55
	-3634 Jun 06 j 03:12	0°♉	
asc. node	-3634 Jun 07 j 05:46	2°♉02'41	
morning set	-3634 Jun 12 j 06:05	11°♉52'53	
superior conj	-3634 Jun 20 j 02:30	27°♉52'22	1°40'43
minimum elong	-3634 Jun 20 j 00:23	27°♉41'42	1°40'42
	-3634 Jun 21 j 04:01	0°♊	
max. Earth dist.	-3634 Jun 25 j 06:31	8°♊01'29	1.36604 AU
evening rise	-3634 Jun 29 j 07:30	15°♊35'26	
	-3634 Jul 07 j 14:03	0°♋	
desc. node	-3634 Jul 19 j 10:28	18°♋15'17	
	-3634 Jul 28 j 06:51	0°♌	
evening max el	-3634 Aug 04 j 02:52	7°♌34'22	25°52'47
retrograde	-3634 Aug 16 j 11:37	14°♌39'26	
evening set	-3634 Aug 22 j 16:10	12°♌02'13	
min. Earth dist.	-3634 Aug 26 j 23:00	7°♌20'30	0.66590 AU
inferior conj	-3634 Aug 28 j 04:47	5°♌46'01	-1°-57'-54
minimum elong	-3634 Aug 28 j 07:29	5°♌37'24	1°56'46
morning rise	-3634 Sep 02 j 23:29	29°♋49'18	
	-3634 Sep 02 j 16:49	30°℞♋	
asc. node	-3634 Sep 03 j 04:59	29°♋41'07	
direct	-3634 Sep 06 j 04:33	28°♋49'46	
	-3634 Sep 09 j 20:03	0°♌	
morning max el	-3634 Sep 13 j 05:59	2°♌50'13	19°12'18
	-3634 Oct 02 j 06:44	0°♍	
morning set	-3634 Oct 06 j 03:29	6°♍03'20	
desc. node	-3634 Oct 15 j 10:08	20°♍36'37	
max. Earth dist.	-3634 Oct 20 j 13:29	28°♍42'17	1.44635 AU
	-3634 Oct 21 j 09:09	0°♎	
superior conj	-3634 Oct 22 j 19:03	2°♎14'15	0°-45'-46
minimum elong	-3634 Oct 22 j 13:29	1°♎52'08	0°45'06
evening rise	-3634 Nov 06 j 19:08	26°♎26'47	
	-3634 Nov 08 j 23:00	0°♏	
evening max el	-3634 Nov 26 j 15:19	26°♏24'37	18°35'05
asc. node	-3634 Nov 30 j 03:55	29°♏14'14	
	-3634 Dec 02 j 03:55	0°♐	
retrograde	-3634 Dec 03 j 07:01	0°♐07'04	
	-3634 Dec 04 j 09:57	30°℞♏	
evening set	-3634 Dec 06 j 06:02	29°♏18'09	
inferior conj	-3634 Dec 12 j 05:22	23°♏39'41	3°23'07
minimum elong	-3634 Dec 12 j 02:19	23°♏48'41	3°22'19
min. Earth dist.	-3634 Dec 14 j 03:35	21°♏23'25	0.64624 AU
morning rise	-3634 Dec 17 j 21:24	17°♏34'03	
direct	-3634 Dec 24 j 16:38	14°♏43'45	
morning max el	-3633 Jan 07 j 01:01	22°♏23'58	27°13'07
desc. node	-3633 Jan 11 j 09:45	27°♏07'21	
	-3633 Jan 13 j 19:07	0°♐	
	-3633 Feb 02 j 19:05	0°♑	
morning set	-3633 Feb 11 j 09:39	15°♑50'53	
max. Earth dist.	-3633 Feb 16 j 04:28	25°♑25'09	1.33976 AU
	-3633 Feb 18 j 09:31	0°♒	
superior conj	-3633 Feb 19 j 13:10	2°♒25'05	-1°-3'-57
minimum elong	-3633 Feb 19 j 15:52	2°♒39'19	1°03'37
asc. node	-3633 Feb 26 j 03:10	16°♒22'14	
evening rise	-3633 Feb 26 j 21:58	18°♒00'38	
	-3633 Mar 04 j 22:10	0°♓	
evening max el	-3633 Mar 19 j 18:35	21°♓24'25	21°58'27
retrograde	-3633 Apr 01 j 07:25	27°♓29'18	
evening set	-3633 Apr 04 j 01:50	27°♓12'15	
desc. node	-3633 Apr 09 j 08:38	25°♓18'08	
inferior conj	-3633 Apr 13 j 10:00	23°♓06'57	-1°-7'-12
minimum elong	-3633 Apr 13 j 06:55	23°♓11'18	1°06'11
min. Earth dist.	-3633 Apr 13 j 00:27	23°♓20'24	0.55207 AU
morning rise	-3633 Apr 22 j 13:14	19°♓08'35	
direct	-3633 Apr 25 j 07:26	18°♓51'35	
morning max el	-3633 May 07 j 07:45	24°♓31'32	21°31'06
	-3633 May 12 j 05:57	0°♈	
asc. node	-3633 May 25 j 02:46	21°♈36'11	
morning set	-3633 May 27 j 14:31	26°♈40'06	
	-3633 May 29 j 05:00	0°♉	
superior conj	-3633 Jun 04 j 01:10	12°♉14'17	1°27'09
minimum elong	-3633 Jun 03 j 22:31	12°♉00'31	1°26'57
max. Earth dist.	-3633 Jun 07 j 19:11	19°♉55'17	1.35068 AU
evening rise	-3633 Jun 12 j 08:53	28°♉53'49	
	-3633 Jun 12 j 22:48	0°♊	
	-3633 Jun 30 j 18:13	0°♋	
desc. node	-3633 Jul 06 j 07:31	7°♋50'05	
evening max el	-3633 Jul 17 j 14:07	21°♋03'14	26°48'17
retrograde	-3633 Jul 30 j 15:23	28°♋22'07	
evening set	-3633 Aug 06 j 08:50	25°♋35'48	
min. Earth dist.	-3633 Aug 10 j 07:46	21°♋32'53	0.65643 AU
inferior conj	-3633 Aug 12 j 02:24	19°♋26'44	-2°-46'-47
minimum elong	-3633 Aug 12 j 05:59	19°♋16'07	2°45'31
morning rise	-3633 Aug 18 j 04:17	13°♋43'14	
direct	-3633 Aug 21 j 01:43	12°♋56'38	
asc. node	-3633 Aug 21 j 02:05	12°♋56'38	
morning max el	-3633 Aug 27 j 17:16	16°♋36'30	18°29'31
	-3633 Sep 06 j 12:51	0°♌	
morning set	-3633 Sep 16 j 11:06	16°♌00'38	
	-3633 Sep 25 j 03:28	0°♍	
superior conj	-3633 Oct 01 j 18:34	10°♍31'06	0°03'20
minimum elong	-3633 Oct 01 j 19:00	10°♍32'51	0°03'20
behind sun begin	-3633 Oct 01 j 07:53	9°♍48'54	
behind sun end	-3633 Oct 02 j 06:08	11°♍16'45	
desc. node	-3633 Oct 02 j 07:04	11°♍20'27	
max. Earth dist.	-3633 Oct 03 j 07:38	12°♍57'14	1.44833 AU
	-3633 Oct 14 j 03:41	0°♎	
evening rise	-3633 Oct 18 j 04:50	6°♎22'42	
greatest brilliancy	-3633 Oct 30 j 07:43	25°♎21'32	-0.7m
	-3633 Nov 02 j 10:04	0°♏	
evening max el	-3633 Nov 10 j 00:56	9°♏50'44	19°14'43
retrograde	-3633 Nov 17 j 02:35	13°♏54'37	
asc. node	-3633 Nov 17 j 01:01	13°♏54'35	
evening set	-3633 Nov 20 j 08:06	12°♏53'53	
inferior conj	-3633 Nov 26 j 01:13	7°♏00'03	2°45'31
minimum elong	-3633 Nov 25 j 22:09	7°♏09'47	2°44'31
min. Earth dist.	-3633 Nov 27 j 09:25	5°♏17'42	0.65834 AU
morning rise	-3633 Dec 01 j 11:20	0°♏47'50	
	-3633 Dec 02 j 10:52	30°℞♎	
direct	-3633 Dec 07 j 18:59	28°♎03'22	
	-3633 Dec 13 j 18:19	0°♏	
morning max el	-3633 Dec 20 j 10:45	5°♏28'59	26°16'44
desc. node	-3633 Dec 29 j 06:46	15°♏44'31	
	-3632 Jan 08 j 09:16	0°♐	
morning set	-3632 Jan 25 j 13:02	28°♐59'10	
	-3632 Jan 26 j 02:01	0°♑	
max. Earth dist.	-3632 Jan 29 j 16:09	6°♑53'08	1.35292 AU
superior conj	-3632 Feb 03 j 11:28	16°♑30'21	-1°-25'-38
minimum elong	-3632 Feb 03 j 14:40	16°♑46'40	1°25'22
	-3632 Feb 10 j 00:01	0°♒	
evening rise	-3632 Feb 11 j 05:49	2°♒33'38	
asc. node	-3632 Feb 13 j 00:11	6°♒09'14	
	-3632 Feb 27 j 10:38	0°♓	
evening max el	-3632 Feb 29 j 22:11	2°♓36'58	20°35'13
retrograde	-3632 Mar 11 j 21:17	7°♓50'11	
evening set	-3632 Mar 14 j 04:57	7°♓37'07	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3632 Mar 23 j 05:43	3°♓39'17	0°49'42
minimum elong	-3632 Mar 23 j 07:55	3°♓36'04	0°48'53
min. Earth dist.	-3632 Mar 24 j 14:36	2°♓51'28	0.55339 AU
desc. node	-3632 Mar 26 j 05:45	1°♓56'12	
	-3632 Mar 30 j 08:41	30°℞♒	
morning rise	-3632 Apr 01 j 09:03	29°♒22'32	
direct	-3632 Apr 04 j 19:50	28°♒56'38	
	-3632 Apr 10 j 03:11	0°♓	
morning max el	-3632 Apr 18 j 04:34	5°♓28'01	23°06'46
	-3632 May 05 j 06:03	0°♈	
asc. node	-3632 May 10 j 23:45	11°♈27'30	
morning set	-3632 May 11 j 01:42	11°♈37'41	
superior conj	-3632 May 18 j 06:15	26°♈56'53	1°09'11
minimum elong	-3632 May 18 j 03:43	26°♈43'22	1°08'49
	-3632 May 19 j 16:45	0°♉	
max. Earth dist.	-3632 May 20 j 17:36	2°♉10'50	1.33901 AU
evening rise	-3632 May 25 j 23:20	12°♉52'51	
	-3632 Jun 04 j 04:36	0°♊	
desc. node	-3632 Jun 22 j 04:35	26°♊46'09	
	-3632 Jun 24 j 22:22	0°♋	
evening max el	-3632 Jun 29 j 01:09	4°♋18'58	27°20'11
retrograde	-3632 Jul 12 j 13:46	11°♋42'57	
evening set	-3632 Jul 19 j 15:39	8°♋58'14	
min. Earth dist.	-3632 Jul 23 j 08:13	5°♋31'48	0.64313 AU
inferior conj	-3632 Jul 25 j 16:42	2°♋59'17	-3°-29'-44
minimum elong	-3632 Jul 25 j 20:34	2°♋48'49	3°28'41
	-3632 Jul 28 j 15:03	30°℞♊	
morning rise	-3632 Aug 01 j 03:10	27°♊32'02	
direct	-3632 Aug 03 j 19:17	26°♊55'12	
asc. node	-3632 Aug 06 j 23:08	27°♊46'31	
	-3632 Aug 09 j 22:12	0°♋	
morning max el	-3632 Aug 10 j 07:38	0°♋23'05	18°03'47
morning set	-3632 Aug 27 j 21:50	27°♋15'34	
	-3632 Aug 29 j 12:35	0°♌	
superior conj	-3632 Sep 10 j 05:18	19°♌24'24	0°49'21
minimum elong	-3632 Sep 10 j 10:27	19°♌45'15	0°48'49
max. Earth dist.	-3632 Sep 15 j 00:44	27°♌07'29	1.44309 AU
	-3632 Sep 16 j 20:15	0°♍	
desc. node	-3632 Sep 18 j 04:01	2°♍05'20	
evening rise	-3632 Sep 26 j 16:46	15°♍23'29	
	-3632 Oct 06 j 05:47	0°♎	
greatest brilliancy	-3632 Oct 16 j 08:24	14°♎47'06	-0.6m
evening max el	-3632 Oct 23 j 05:52	23°♎17'17	20°09'54
retrograde	-3632 Oct 30 j 23:46	27°♎50'02	
asc. node	-3632 Nov 02 j 22:07	27°♎00'13	
evening set	-3632 Nov 03 j 14:02	26°♎34'56	
inferior conj	-3632 Nov 09 j 02:42	20°♎29'10	2°00'44
minimum elong	-3632 Nov 09 j 00:11	20°♎37'33	1°59'47
min. Earth dist.	-3632 Nov 09 j 22:24	19°♎23'18	0.66695 AU
morning rise	-3632 Nov 14 j 09:45	14°♎13'01	
direct	-3632 Nov 20 j 02:56	11°♎43'40	
morning max el	-3632 Dec 01 j 19:30	18°♎40'54	25°00'52
	-3632 Dec 11 j 09:58	0°♏	
desc. node	-3632 Dec 15 j 03:45	5°♏03'36	
	-3632 Dec 31 j 11:07	0°♐	
morning set	-3631 Jan 06 j 22:24	11°♐08'36	
max. Earth dist.	-3631 Jan 10 j 16:36	17°♐58'07	1.37029 AU
	-3631 Jan 16 j 23:51	0°♑	
superior conj	-3631 Jan 17 j 00:16	0°♑02'01	-1°-43'-4
minimum elong	-3631 Jan 17 j 03:10	0°♑16'18	1°42'59
evening rise	-3631 Jan 25 j 08:42	16°♑45'07	
asc. node	-3631 Jan 29 j 21:13	25°♑36'54	
	-3631 Feb 01 j 06:20	0°♒	
evening max el	-3631 Feb 11 j 12:33	14°♒25'45	19°28'51
retrograde	-3631 Feb 20 j 19:31	18°♒50'41	
evening set	-3631 Feb 23 j 03:00	18°♒35'32	
inferior conj	-3631 Mar 03 j 12:14	14°♒29'21	2°28'40
minimum elong	-3631 Mar 03 j 17:09	14°♒21'20	2°27'13
min. Earth dist.	-3631 Mar 06 j 05:25	12°♒43'54	0.56361 AU
morning rise	-3631 Mar 12 j 03:38	9°♒43'18	
desc. node	-3631 Mar 13 j 02:51	9°♒25'24	
direct	-3631 Mar 16 j 18:08	8°♒55'06	
morning max el	-3631 Mar 30 j 19:50	16°♒03'33	24°45'34
	-3631 Apr 11 j 00:21	0°♓	
morning set	-3631 Apr 25 j 13:54	26°♓40'02	
	-3631 Apr 27 j 03:40	0°♈	
asc. node	-3631 Apr 27 j 20:44	1°♈31'20	
superior conj	-3631 May 02 j 15:25	11°♈52'28	0°48'00
minimum elong	-3631 May 02 j 13:27	11°♈41'50	0°47'38
max. Earth dist.	-3631 May 04 j 00:29	14°♈51'21	1.33106 AU
evening rise	-3631 May 09 j 23:00	27°♈20'45	
	-3631 May 11 j 06:34	0°♉	
	-3631 May 28 j 12:22	0°♊	
desc. node	-3631 Jun 09 j 01:39	14°♊47'16	
evening max el	-3631 Jun 11 j 10:11	17°♊10'06	27°22'26
retrograde	-3631 Jun 25 j 06:00	24°♊33'15	
evening set	-3631 Jul 02 j 09:03	22°♊03'52	
min. Earth dist.	-3631 Jul 05 j 23:07	19°♊06'18	0.62625 AU
inferior conj	-3631 Jul 08 j 20:50	16°♊18'00	-4°-2'-56
minimum elong	-3631 Jul 08 j 23:59	16°♊10'23	4°02'21
morning rise	-3631 Jul 15 j 17:15	11°♊09'52	
direct	-3631 Jul 18 j 06:18	10°♊40'10	
asc. node	-3631 Jul 24 j 20:11	13°♊59'01	
morning max el	-3631 Jul 24 j 22:28	14°♊04'36	17°56'05
	-3631 Aug 04 j 21:02	0°♋	
morning set	-3631 Aug 10 j 07:18	9°♋35'58	
superior conj	-3631 Aug 21 j 17:45	29°♋34'32	1°23'03
minimum elong	-3631 Aug 21 j 23:06	29°♋57'08	1°22'39
	-3631 Aug 21 j 23:46	0°♌	
max. Earth dist.	-3631 Aug 28 j 14:22	10°♌57'08	1.43141 AU
desc. node	-3631 Sep 05 j 00:59	22°♌48'37	
evening rise	-3631 Sep 05 j 21:14	24°♌07'39	
	-3631 Sep 09 j 16:29	0°♍	
	-3631 Sep 30 j 11:00	0°♎	
greatest brilliancy	-3631 Sep 30 j 23:22	0°♎39'33	-0.4m
evening max el	-3631 Oct 06 j 04:55	6°♎43'53	21°17'58
retrograde	-3631 Oct 14 j 20:32	11°♎51'33	
evening set	-3631 Oct 18 j 21:51	10°♎19'24	
asc. node	-3631 Oct 20 j 19:12	8°♎33'46	
inferior conj	-3631 Oct 24 j 07:41	4°♎05'03	1°11'12
minimum elong	-3631 Oct 24 j 06:05	4°♎10'31	1°10'34
min. Earth dist.	-3631 Oct 24 j 16:12	3°♎35'48	0.67227 AU
	-3631 Oct 27 j 10:33	30°℞♍	
morning rise	-3631 Oct 29 j 13:59	27°♍47'52	
direct	-3631 Nov 03 j 15:51	25°♍38'50	
	-3631 Nov 12 j 03:57	0°♎	
morning max el	-3631 Nov 14 j 04:26	1°♎55'48	23°35'29
desc. node	-3631 Dec 02 j 00:45	24°♎52'50	
	-3631 Dec 05 j 11:42	0°♏	
morning set	-3631 Dec 19 j 07:38	22°♏03'09	
max. Earth dist.	-3631 Dec 23 j 12:07	29°♏15'46	1.39058 AU
	-3631 Dec 23 j 22:10	0°♐	
superior conj	-3631 Dec 30 j 23:36	12°♐49'44	-1°-53'-42
minimum elong	-3631 Dec 31 j 01:01	12°♐56'19	1°53'48
	-3630 Jan 08 j 22:09	0°♑	
evening rise	-3630 Jan 09 j 04:08	0°♑29'00	
asc. node	-3630 Jan 16 j 18:16	14°♑38'32	
evening max el	-3630 Jan 25 j 12:32	26°♑48'25	18°41'57

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3630 Jan 30 j 04:17	0°♒	
retrograde	-3630 Feb 02 j 11:09	0°♒39'16	
evening set	-3630 Feb 04 j 21:36	0°♒18'55	
	-3630 Feb 05 j 21:04	30°℞♑	
inferior conj	-3630 Feb 12 j 13:52	25°♑54'12	3°31'39
minimum elong	-3630 Feb 12 j 17:42	25°♑46'58	3°30'54
min. Earth dist.	-3630 Feb 15 j 21:58	23°♑24'18	0.58039 AU
morning rise	-3630 Feb 20 j 10:06	20°♑40'12	
direct	-3630 Feb 26 j 05:22	19°♑17'03	
desc. node	-3630 Feb 27 j 23:58	19°♑24'49	
morning max el	-3630 Mar 12 j 11:42	26°♑45'27	26°12'59
	-3630 Mar 15 j 14:08	0°♒	
	-3630 Apr 04 j 05:45	0°♓	
morning set	-3630 Apr 10 j 01:27	11°♓40'24	
asc. node	-3630 Apr 14 j 17:44	21°♓42'17	
superior conj	-3630 Apr 17 j 02:41	26°♓53'35	0°24'37
minimum elong	-3630 Apr 17 j 01:37	26°♓47'44	0°24'22
max. Earth dist.	-3630 Apr 17 j 12:35	27°♓47'41	1.32662 AU
	-3630 Apr 18 j 12:49	0°♈	
evening rise	-3630 Apr 24 j 04:49	12°♈06'37	
	-3630 May 03 j 11:06	0°♉	
evening max el	-3630 May 24 j 14:34	29°♉23'49	26°51'47
	-3630 May 25 j 05:59	0°♊	
desc. node	-3630 May 26 j 22:45	1°♊29'31	
retrograde	-3630 Jun 07 j 14:42	6°♊43'38	
evening set	-3630 Jun 14 j 08:47	4°♊43'06	
min. Earth dist.	-3630 Jun 18 j 04:06	2°♊01'12	0.60669 AU
	-3630 Jun 20 j 13:42	30°℞♉	
inferior conj	-3630 Jun 21 j 11:21	29°♉13'38	-4°-20'-28
minimum elong	-3630 Jun 21 j 12:22	29°♉11'27	4°20'20
morning rise	-3630 Jun 28 j 19:04	24°♉27'03	
direct	-3630 Jul 01 j 06:52	24°♉02'38	
morning max el	-3630 Jul 08 j 10:55	27°♉33'19	18°07'21
	-3630 Jul 10 j 16:41	0°♊	
asc. node	-3630 Jul 11 j 17:14	1°♊17'44	
morning set	-3630 Jul 24 j 09:48	22°♊45'57	
	-3630 Jul 28 j 07:06	0°♋	
superior conj	-3630 Aug 03 j 09:10	11°♋04'42	1°42'18
minimum elong	-3630 Aug 03 j 12:09	11°♋18'00	1°42'15
max. Earth dist.	-3630 Aug 10 j 22:46	24°♋11'02	1.41478 AU
	-3630 Aug 14 j 10:55	0°♌	
evening rise	-3630 Aug 16 j 13:51	3°♌26'49	
desc. node	-3630 Aug 22 j 21:59	13°♌26'17	
	-3630 Sep 03 j 01:33	0°♍	
greatest brilliancy	-3630 Sep 14 j 03:22	14°♍48'37	-0.3m
evening max el	-3630 Sep 18 j 22:01	20°♍10'05	22°35'07
retrograde	-3630 Sep 28 j 15:18	25°♍56'13	
evening set	-3630 Oct 03 j 05:43	24°♍04'56	
asc. node	-3630 Oct 07 j 16:18	19°♍00'54	
inferior conj	-3630 Oct 08 j 14:14	17°♍45'29	0°18'48
minimum elong	-3630 Oct 08 j 13:48	17°♍47'00	0°18'39
min. Earth dist.	-3630 Oct 08 j 12:20	17°♍52'04	0.67444 AU
morning rise	-3630 Oct 13 j 21:48	11°♍30'07	
direct	-3630 Oct 18 j 08:47	9°♍43'03	
morning max el	-3630 Oct 27 j 16:45	15°♍15'28	22°09'51
greatest brilliancy	-3630 Nov 01 j 10:43	20°♍38'04	-0.4m
	-3630 Nov 08 j 13:05	0°♎	
desc. node	-3630 Nov 18 j 21:45	15°♎03'29	
	-3630 Nov 28 j 12:47	0°♏	
morning set	-3630 Nov 29 j 12:18	1°♏34'20	
max. Earth dist.	-3630 Dec 05 j 10:57	11°♏20'08	1.41113 AU
superior conj	-3630 Dec 13 j 04:25	24°♏40'24	-1°-54'-12
minimum elong	-3630 Dec 13 j 02:49	24°♏33'19	1°54'17
	-3630 Dec 16 j 03:40	0°♐	
evening rise	-3630 Dec 23 j 13:03	13°♐38'20	
	-3629 Jan 01 j 16:03	0°♑	
asc. node	-3629 Jan 03 j 15:20	3°♑05'49	
evening max el	-3629 Jan 08 j 19:37	9°♑37'41	18°15'05
retrograde	-3629 Jan 15 j 21:15	13°♑10'16	
evening set	-3629 Jan 18 j 10:30	12°♑43'28	
inferior conj	-3629 Jan 25 j 11:54	7°♑56'50	3°59'07
minimum elong	-3629 Jan 25 j 13:00	7°♑54'24	3°58'56
min. Earth dist.	-3629 Jan 28 j 19:17	5°♑03'56	0.60024 AU
morning rise	-3629 Feb 01 j 12:32	2°♑21'28	
direct	-3629 Feb 08 j 04:15	0°♑20'01	
desc. node	-3629 Feb 14 j 21:04	2°♑12'46	
morning max el	-3629 Feb 22 j 09:05	7°♑58'54	27°14'47
	-3629 Mar 11 j 02:26	0°♒	
morning set	-3629 Mar 25 j 10:35	26°♒32'27	
	-3629 Mar 27 j 02:13	0°♓	
max. Earth dist.	-3629 Apr 01 j 02:08	10°♓47'01	1.32555 AU
superior conj	-3629 Apr 01 j 14:25	11°♓54'14	0°00'-8
minimum elong	-3629 Apr 01 j 14:26	11°♓54'15	0°00'12
behind sun begin	-3629 Apr 01 j 09:26	11°♓26'55	
behind sun end	-3629 Apr 01 j 19:25	12°♓21'36	
asc. node	-3629 Apr 01 j 14:46	11°♓56'09	
evening rise	-3629 Apr 08 j 14:28	27°♓02'11	
	-3629 Apr 10 j 00:39	0°♈	
	-3629 Apr 27 j 06:57	0°♉	
evening max el	-3629 May 06 j 12:30	10°♉54'16	25°50'03
desc. node	-3629 May 13 j 19:50	16°♉21'12	
retrograde	-3629 May 20 j 14:24	18°♉08'50	
evening set	-3629 May 26 j 11:17	16°♉45'48	
min. Earth dist.	-3629 May 31 j 00:53	14°♉02'26	0.58633 AU
inferior conj	-3629 Jun 03 j 08:35	11°♉36'36	-4°-13'-42
minimum elong	-3629 Jun 03 j 06:09	11°♉41'05	4°13'26
morning rise	-3629 Jun 11 j 04:56	7°♉12'24	
direct	-3629 Jun 13 j 16:27	6°♉52'13	
morning max el	-3629 Jun 21 j 18:09	10°♉41'17	18°38'31
asc. node	-3629 Jun 28 j 14:17	19°♉28'21	
	-3629 Jul 04 j 14:24	0°♊	
morning set	-3629 Jul 08 j 00:43	6°♊33'44	
superior conj	-3629 Jul 16 j 22:42	23°♊42'01	1°48'58
minimum elong	-3629 Jul 16 j 23:05	23°♊43'51	1°49'07
	-3629 Jul 20 j 08:27	0°♋	
max. Earth dist.	-3629 Jul 24 j 02:00	6°♋40'47	1.39550 AU
evening rise	-3629 Jul 28 j 06:53	13°♋55'43	
	-3629 Aug 07 j 05:37	0°♌	
desc. node	-3629 Aug 09 j 18:59	3°♌54'11	
	-3629 Aug 29 j 01:34	0°♍	
evening max el	-3629 Sep 01 j 10:37	3°♍37'10	23°55'52
retrograde	-3629 Sep 12 j 06:53	10°♍00'41	
evening set	-3629 Sep 17 j 11:51	7°♍49'42	
inferior conj	-3629 Sep 22 j 20:37	1°♍28'34	0°-34'-51
minimum elong	-3629 Sep 22 j 21:26	1°♍25'47	0°34'27
min. Earth dist.	-3629 Sep 22 j 08:24	2°♍10'06	0.67357 AU
	-3629 Sep 23 j 22:55	30°℞♌	
asc. node	-3629 Sep 24 j 13:25	29°♌12'42	
morning rise	-3629 Sep 28 j 07:13	25°♌17'59	
direct	-3629 Oct 02 j 04:50	23°♌51'42	
morning max el	-3629 Oct 10 j 11:18	28°♌42'46	20°51'06
	-3629 Oct 11 j 16:27	0°♍	
greatest brilliancy	-3629 Oct 16 j 08:10	5°♍38'40	-0.5m
	-3629 Nov 02 j 04:51	0°♎	
desc. node	-3629 Nov 05 j 18:43	5°♎28'37	
morning set	-3629 Nov 08 j 16:40	9°♎59'35	
max. Earth dist.	-3629 Nov 17 j 16:38	24°♎17'19	1.42901 AU
	-3629 Nov 21 j 04:20	0°♏	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3629 Nov 24 j 08:52	5°♏19'08	-1°-40'-42
minimum elong	-3629 Nov 24 j 03:27	4°♏56'23	1°40'23
evening rise	-3629 Dec 06 j 07:29	26°♏03'59	
	-3629 Dec 08 j 12:36	0°♐	
asc. node	-3629 Dec 21 j 12:25	20°♐47'29	
evening max el	-3629 Dec 23 j 06:52	22°♐44'44	18°08'00
retrograde	-3629 Dec 29 j 21:59	26°♐12'38	
evening set	-3628 Jan 01 j 14:07	25°♐38'28	
inferior conj	-3628 Jan 08 j 03:27	20°♐30'15	3°59'15
minimum elong	-3628 Jan 08 j 02:10	20°♐33'29	3°59'02
min. Earth dist.	-3628 Jan 11 j 00:35	17°♐37'44	0.62005 AU
morning rise	-3628 Jan 14 j 12:01	14°♐39'56	
direct	-3628 Jan 21 j 12:47	12°♐07'48	
desc. node	-3628 Feb 01 j 18:09	17°♐20'22	
morning max el	-3628 Feb 04 j 12:42	19°♐52'29	27°42'04
	-3628 Feb 13 j 05:56	0°♑	
	-3628 Mar 02 j 22:47	0°♒	
morning set	-3628 Mar 08 j 15:13	11°♒07'58	
max. Earth dist.	-3628 Mar 14 j 13:01	23°♒33'34	1.32794 AU
superior conj	-3628 Mar 16 j 00:54	26°♒47'43	0°-25'-26
minimum elong	-3628 Mar 16 j 02:03	26°♒53'57	0°25'16
	-3628 Mar 17 j 12:16	0°♓	
asc. node	-3628 Mar 18 j 11:48	2°♓07'57	
evening rise	-3628 Mar 23 j 01:54	11°♓59'26	
	-3628 Apr 01 j 07:42	0°♈	
evening max el	-3628 Apr 17 j 05:06	21°♈48'56	24°25'35
desc. node	-3628 Apr 29 j 16:56	28°♈45'26	
retrograde	-3628 May 01 j 03:12	28°♈50'09	
evening set	-3628 May 05 j 16:56	28°♈03'04	
min. Earth dist.	-3628 May 11 j 16:59	25°♈02'37	0.56808 AU
inferior conj	-3628 May 14 j 09:53	23°♈19'03	-3°-32'-13
minimum elong	-3628 May 14 j 04:18	23°♈28'01	3°31'02
morning rise	-3628 May 22 j 19:47	19°♈13'39	
direct	-3628 May 25 j 07:18	18°♈56'50	
morning max el	-3628 Jun 03 j 17:23	23°♈19'16	19°30'09
	-3628 Jun 09 j 08:09	0°♉	
asc. node	-3628 Jun 14 j 11:20	8°♉18'48	
morning set	-3628 Jun 21 j 00:34	20°♉50'34	
	-3628 Jun 25 j 13:58	0°♊	
superior conj	-3628 Jun 29 j 04:39	7°♊10'38	1°45'54
minimum elong	-3628 Jun 29 j 03:12	7°♊03'27	1°45'59
max. Earth dist.	-3628 Jul 05 j 03:56	18°♊35'24	1.37617 AU
evening rise	-3628 Jul 09 j 01:31	25°♊40'32	
	-3628 Jul 11 j 12:41	0°♋	
desc. node	-3628 Jul 26 j 15:58	24°♋07'22	
	-3628 Jul 30 j 19:01	0°♌	
evening max el	-3628 Aug 13 j 21:21	17°♌07'31	25°13'08
retrograde	-3628 Aug 25 j 18:26	24°♌01'12	
evening set	-3628 Aug 31 j 14:27	21°♌32'22	
min. Earth dist.	-3628 Sep 05 j 02:03	16°♌28'42	0.66958 AU
inferior conj	-3628 Sep 06 j 01:06	15°♌13'08	-1°-28'-6
minimum elong	-3628 Sep 06 j 03:10	15°♌06'22	1°27'12
asc. node	-3628 Sep 10 j 10:31	10°♌08'21	
morning rise	-3628 Sep 11 j 16:24	9°♌10'20	
direct	-3628 Sep 15 j 02:45	8°♌02'05	
morning max el	-3628 Sep 22 j 13:07	12°♌18'55	19°44'12
greatest brilliancy	-3628 Sep 30 j 17:49	22°♌40'33	-0.6m
	-3628 Oct 05 j 17:36	0°♍	
morning set	-3628 Oct 17 j 15:37	18°♍16'26	
desc. node	-3628 Oct 22 j 15:40	26°♍03'52	
	-3628 Oct 25 j 03:57	0°♎	
max. Earth dist.	-3628 Oct 30 j 04:48	7°♎57'09	1.44185 AU
superior conj	-3628 Nov 03 j 09:48	14°♎41'01	-1°-10'-21
minimum elong	-3628 Nov 03 j 02:43	14°♎12'34	1°09'38
	-3628 Nov 12 j 18:06	0°♏	
evening rise	-3628 Nov 17 j 06:53	7°♏36'54	
	-3628 Nov 30 j 23:39	0°♐	
evening max el	-3628 Dec 05 j 19:33	6°♐03'19	18°19'59
asc. node	-3628 Dec 07 j 09:30	7°♐30'36	
retrograde	-3628 Dec 12 j 08:52	9°♐37'37	
evening set	-3628 Dec 15 j 04:54	8°♐54'41	
inferior conj	-3628 Dec 21 j 08:43	3°♐26'47	3°40'16
minimum elong	-3628 Dec 21 j 06:02	3°♐34'18	3°39'41
min. Earth dist.	-3628 Dec 23 j 15:38	0°♐53'26	0.63766 AU
	-3628 Dec 24 j 11:39	30°♑℞	
morning rise	-3628 Dec 27 j 05:39	27°♏25'52	
direct	-3627 Jan 03 j 05:16	24°♏37'30	
	-3627 Jan 14 j 07:27	0°♐	
morning max el	-3627 Jan 16 j 20:36	2°♐22'04	27°33'06
desc. node	-3627 Jan 18 j 15:14	4°♐11'41	
	-3627 Feb 06 j 12:04	0°♑	
morning set	-3627 Feb 20 j 12:49	25°♑18'21	
	-3627 Feb 22 j 20:50	0°♒	
max. Earth dist.	-3627 Feb 25 j 17:19	5°♒54'21	1.33421 AU
superior conj	-3627 Feb 28 j 08:22	11°♒28'07	0°-50'-17
minimum elong	-3627 Feb 28 j 10:34	11°♒39'53	0°49'59
asc. node	-3627 Mar 05 j 08:48	22°♒13'43	
evening rise	-3627 Mar 07 j 13:22	26°♒52'10	
	-3627 Mar 09 j 01:29	0°♓	
	-3627 Mar 27 j 11:09	0°♈	
evening max el	-3627 Mar 29 j 21:30	2°♈30'52	22°51'30
retrograde	-3627 Apr 12 j 03:12	9°♈01'08	
evening set	-3627 Apr 15 j 10:02	8°♈37'32	
desc. node	-3627 Apr 16 j 14:04	8°♈18'23	
min. Earth dist.	-3627 Apr 23 j 07:22	5°♈08'24	0.55554 AU
inferior conj	-3627 Apr 24 j 16:25	4°♈20'40	-2°-9'-56
minimum elong	-3627 Apr 24 j 11:04	4°♈28'24	2°08'17
morning rise	-3627 May 03 j 14:44	0°♈23'51	
direct	-3627 May 06 j 04:33	0°♈08'09	
morning max el	-3627 May 17 j 06:17	5°♈18'09	20°41'47
asc. node	-3627 Jun 01 j 08:22	27°♈38'54	
	-3627 Jun 02 j 13:14	0°♉	
morning set	-3627 Jun 05 j 06:30	5°♉28'29	
superior conj	-3627 Jun 12 j 22:17	21°♉16'10	1°35'36
minimum elong	-3627 Jun 12 j 19:51	21°♉03'43	1°35'30
	-3627 Jun 17 j 06:50	0°♊	
max. Earth dist.	-3627 Jun 17 j 11:18	0°♊21'50	1.35905 AU
evening rise	-3627 Jun 21 j 17:16	8°♊29'19	
	-3627 Jul 04 j 04:24	0°♋	
desc. node	-3627 Jul 13 j 12:59	13°♋58'39	
	-3627 Jul 26 j 16:30	0°♌	
evening max el	-3627 Jul 27 j 08:23	0°♌39'12	26°18'56
retrograde	-3627 Aug 09 j 01:10	7°♌51'45	
evening set	-3627 Aug 15 j 11:23	5°♌09'51	
min. Earth dist.	-3627 Aug 19 j 14:48	0°♌44'21	0.66226 AU
	-3627 Aug 20 j 05:13	30°♋℞	
inferior conj	-3627 Aug 21 j 01:49	28°♋56'06	-2°-19'-12
minimum elong	-3627 Aug 21 j 04:57	28°♋46'24	2°17'59
morning rise	-3627 Aug 26 j 23:23	23°♋04'21	
asc. node	-3627 Aug 28 j 07:36	22°♋27'38	
direct	-3627 Aug 30 j 00:52	22°♋10'44	
morning max el	-3627 Sep 05 j 21:22	26°♋01'43	18°52'02
	-3627 Sep 09 j 07:05	0°♌	
morning set	-3627 Sep 27 j 07:45	27°♌27'30	
	-3627 Sep 28 j 22:10	0°♍	
desc. node	-3627 Oct 09 j 12:35	16°♍45'01	
max. Earth dist.	-3627 Oct 12 j 21:33	22°♍03'54	1.44809 AU
superior conj	-3627 Oct 13 j 13:15	23°♍05'47	0°-25'-25

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3627 Oct 13 j 09:56	22°♍52'42	0°24'59	
	-3627 Oct 17 j 22:11	0°♎		
evening rise	-3627 Oct 29 j 06:46	18°♎08'03		
	-3627 Nov 05 j 15:25	0°♏		
evening max el	-3627 Nov 19 j 07:01	19°♏27'43	18°50'00	
asc. node	-3627 Nov 24 j 06:34	22°♏59'45		
retrograde	-3627 Nov 26 j 02:03	23°♏17'58		
evening set	-3627 Nov 29 j 03:37	22°♏24'20		
inferior conj	-3627 Dec 05 j 00:05	16°♏39'14	3°08'12	
minimum elong	-3627 Dec 04 j 20:57	16°♏48'49	3°07'18	
min. Earth dist.	-3627 Dec 06 j 16:16	14°♏36'40	0.65187 AU	
morning rise	-3627 Dec 10 j 13:15	10°♏30'40		
direct	-3627 Dec 17 j 04:15	7°♏41'10		
morning max el	-3627 Dec 30 j 06:05	15°♏16'33	26°52'03	
desc. node	-3626 Jan 05 j 12:16	22°♏16'26		
	-3626 Jan 11 j 10:04	0°♐		
	-3626 Jan 30 j 05:26	0°♑		
morning set	-3626 Feb 04 j 00:05	8°♑52'59		
max. Earth dist.	-3626 Feb 08 j 11:35	17°♑41'09	1.34478 AU	
superior conj	-3626 Feb 12 j 10:46	25°♑48'49	-1°-13'-32	
minimum elong	-3626 Feb 12 j 13:45	26°♑04'19	1°13'13	
	-3626 Feb 14 j 10:47	0°♒		
evening rise	-3626 Feb 19 j 23:06	11°♒34'29		
asc. node	-3626 Feb 20 j 05:48	12°♒09'11		
	-3626 Mar 01 j 15:21	0°♓		
evening max el	-3626 Mar 11 j 19:53	13°♓27'27	21°21'22	
retrograde	-3626 Mar 23 j 17:29	19°♓10'11		
evening set	-3626 Mar 26 j 05:41	18°♓55'49		
desc. node	-3626 Apr 03 j 11:12	15°♓31'28		
inferior conj	-3626 Apr 04 j 12:15	14°♓56'18	0°-17'-26	
minimum elong	-3626 Apr 04 j 11:26	14°♓57'28	0°17'12	
min. Earth dist.	-3626 Apr 04 j 21:21	14°♓43'29	0.55149 AU	
morning rise	-3626 Apr 13 j 16:59	10°♓52'08		
direct	-3626 Apr 16 j 16:57	10°♓32'25		
morning max el	-3626 Apr 29 j 08:18	16°♓35'21	22°10'31	
	-3626 May 09 j 19:41	0°♈		
asc. node	-3626 May 19 j 05:22	17°♈21'06		
morning set	-3626 May 20 j 16:22	20°♈21'20		
	-3626 May 25 j 06:11	0°♉		
superior conj	-3626 May 28 j 00:02	5°♉48'09	1°20'00	
minimum elong	-3626 May 27 j 21:22	5°♉34'07	1°19'42	
max. Earth dist.	-3626 May 31 j 04:25	12°♉25'20	1.34532 AU	
evening rise	-3626 Jun 05 j 00:51	22°♉07'18		
	-3626 Jun 09 j 04:55	0°♊		
	-3626 Jun 27 j 22:24	0°♋		
desc. node	-3626 Jun 30 j 10:01	3°♋18'40		
evening max el	-3626 Jul 09 j 19:58	14°♋04'50	27°05'09	
retrograde	-3626 Jul 23 j 02:31	21°♋25'56		
evening set	-3626 Jul 30 j 00:14	18°♋39'09		
min. Earth dist.	-3626 Aug 02 j 20:20	14°♋52'02	0.65129 AU	
inferior conj	-3626 Aug 04 j 20:40	12°♋34'09	-3°-5'-56	
minimum elong	-3626 Aug 05 j 00:28	12°♋23'18	3°04'43	
morning rise	-3626 Aug 11 j 02:00	6°♋56'54		
direct	-3626 Aug 13 j 20:58	6°♋14'39		
asc. node	-3626 Aug 15 j 04:41	6°♋24'06		
morning max el	-3626 Aug 20 j 10:12	9°♋48'13	18°16'21	
	-3626 Sep 03 j 07:28	0°♌		
morning set	-3626 Sep 08 j 03:12	7°♌58'51		
	-3626 Sep 21 j 16:13	0°♍		
superior conj	-3626 Sep 22 j 14:47	1°♍29'53	0°23'57	
minimum elong	-3626 Sep 22 j 17:44	1°♍41'37	0°23'39	
max. Earth dist.	-3626 Sep 25 j 15:56	6°♍19'53	1.44704 AU	
desc. node	-3626 Sep 26 j 09:30	7°♍29'15		
evening rise	-3626 Oct 09 j 06:12	27°♍37'35		
	-3626 Oct 10 j 18:46	0°♎		
greatest brilliancy	-3626 Oct 25 j 03:46	21°♎58'46	-0.7m	
	-3626 Oct 31 j 01:31	0°♏		
evening max el	-3626 Nov 02 j 14:53	2°♏54'06	19°36'30	
retrograde	-3626 Nov 09 j 22:30	7°♏08'58		
asc. node	-3626 Nov 11 j 03:39	7°♏00'26		
evening set	-3626 Nov 13 j 07:36	6°♏02'15		
inferior conj	-3626 Nov 18 j 22:36	0°♏02'57	2°27'12	
minimum elong	-3626 Nov 18 j 19:43	0°♏12'20	2°26'12	
	-3626 Nov 18 j 23:30	30°℞♎		
min. Earth dist.	-3626 Nov 20 j 01:14	28°♎36'15	0.66246 AU	
morning rise	-3626 Nov 24 j 07:08	23°♎49'01		
direct	-3626 Nov 30 j 08:54	21°♎10'14		
morning max el	-3626 Dec 12 j 15:17	28°♎24'34	25°46'19	
	-3626 Dec 14 j 04:08	0°♏		
desc. node	-3626 Dec 23 j 09:16	11°♏12'42		
	-3625 Jan 05 j 04:29	0°♐		
morning set	-3625 Jan 17 j 20:28	21°♐37'36		
max. Earth dist.	-3625 Jan 21 j 18:18	28°♐56'51	1.35984 AU	
	-3625 Jan 22 j 07:28	0°♑		
superior conj	-3625 Jan 27 j 05:27	9°♑40'47	-1°-33'-41	
minimum elong	-3625 Jan 27 j 08:38	9°♑56'51	1°33'29	
evening rise	-3625 Feb 04 j 05:08	25°♑59'07		
	-3625 Feb 06 j 04:55	0°♒		
asc. node	-3625 Feb 07 j 02:50	1°♒48'38		
evening max el	-3625 Feb 22 j 04:02	24°♒54'45	20°04'43	
retrograde	-3625 Mar 04 j 09:23	29°♒46'13		
evening set	-3625 Mar 06 j 16:23	29°♒32'39		
inferior conj	-3625 Mar 15 j 11:02	25°♒32'40	1°35'25	
minimum elong	-3625 Mar 15 j 14:54	25°♒26'48	1°34'05	
min. Earth dist.	-3625 Mar 17 j 11:22	24°♒19'45	0.55677 AU	
desc. node	-3625 Mar 21 j 08:20	22°♒14'26		
morning rise	-3625 Mar 24 j 10:43	21°♒04'32		
direct	-3625 Mar 28 j 08:26	20°♒31'04		
morning max el	-3625 Apr 11 j 01:59	27°♒19'29	23°49'11	
	-3625 Apr 13 j 16:29	0°♓		
	-3625 May 02 j 13:43	0°♈		
morning set	-3625 May 05 j 04:14	5°♈21'48		
asc. node	-3625 May 06 j 02:22	7°♈18'20		
superior conj	-3625 May 12 j 07:07	20°♈36'56	1°00'32	
minimum elong	-3625 May 12 j 04:47	20°♈24'22	1°00'09	
max. Earth dist.	-3625 May 14 j 07:01	24°♈53'02	1.33526 AU	
	-3625 May 16 j 17:21	0°♉		
evening rise	-3625 May 19 j 19:39	6°♉19'43		
	-3625 Jun 01 j 19:04	0°♊		
desc. node	-3625 Jun 17 j 07:07	21°♊53'29		
evening max el	-3625 Jun 22 j 06:29	27°♊11'27	27°24'54	
	-3625 Jun 25 j 11:02	0°♋		
retrograde	-3625 Jul 05 j 22:09	4°♋34'51		
evening set	-3625 Jul 13 j 01:48	1°♋54'49		
	-3625 Jul 15 j 08:28	30°℞♊		
min. Earth dist.	-3625 Jul 16 j 16:40	28°♊42'08	0.63644 AU	
inferior conj	-3625 Jul 19 j 07:01	26°♊01'24	-3°-45'-18	
minimum elong	-3625 Jul 19 j 10:43	25°♊51'48	3°44'25	
morning rise	-3625 Jul 25 j 21:34	20°♊42'01		
direct	-3625 Jul 28 j 12:14	20°♊08'22		
asc. node	-3625 Aug 02 j 01:45	21°♊50'46		
morning max el	-3625 Aug 04 j 01:07	23°♊33'17	17°58'16	
	-3625 Aug 09 j 04:09	0°♋		
morning set	-3625 Aug 21 j 00:20	19°♋43'36		
	-3625 Aug 26 j 23:34	0°♌		
superior conj	-3625 Sep 02 j 11:35	10°♌53'21	1°05'26	
minimum elong	-3625 Sep 02 j 17:19	11°♌16'55	1°04'54	
max. Earth dist.	-3625 Sep 08 j 08:25	20°♌25'19	1.43886 AU	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3625 Sep 13 j 06:29	28°♌13'44		
	-3625 Sep 14 j 09:34	0°♍		
evening rise	-3625 Sep 18 j 12:43	6°♍25'31		
	-3625 Oct 04 j 04:17	0°♎		
greatest brilliancy	-3625 Oct 10 j 15:46	9°♎03'52	-0.5m	
evening max el	-3625 Oct 16 j 17:22	16°♎20'32	20°37'27	
retrograde	-3625 Oct 24 j 19:50	21°♎07'35		
evening set	-3625 Oct 28 j 14:35	19°♎45'19		
asc. node	-3625 Oct 29 j 00:44	19°♎25'48		
inferior conj	-3625 Nov 03 j 01:49	13°♎35'14	1°40'11	
minimum elong	-3625 Nov 02 j 23:40	13°♎42'32	1°39'20	
min. Earth dist.	-3625 Nov 03 j 16:32	12°♎45'19	0.66957 AU	
morning rise	-3625 Nov 08 j 08:18	7°♎18'22		
direct	-3625 Nov 13 j 18:52	4°♎57'34		
morning max el	-3625 Nov 25 j 00:03	11°♎38'39	24°25'15	
	-3625 Dec 09 j 17:21	0°♏		
desc. node	-3625 Dec 10 j 06:14	0°♏45'41		
	-3625 Dec 28 j 22:42	0°♐		
morning set	-3625 Dec 30 j 20:21	3°♐17'00		
max. Earth dist.	-3624 Jan 03 j 16:09	10°♐04'25	1.37869 AU	
superior conj	-3624 Jan 10 j 13:03	22°♐54'52	-1°-48'-35	
minimum elong	-3624 Jan 10 j 15:30	23°♐06'39	1°48'36	
	-3624 Jan 14 j 04:13	0°♑		
evening rise	-3624 Jan 19 j 05:13	9°♑59'48		
asc. node	-3624 Jan 24 j 23:53	21°♑06'04		
	-3624 Jan 30 j 07:17	0°♒		
evening max el	-3624 Feb 04 j 22:37	6°♒57'50	19°06'25	
retrograde	-3624 Feb 13 j 14:45	11°♒06'51		
evening set	-3624 Feb 15 j 23:16	10°♒49'48		
inferior conj	-3624 Feb 24 j 01:08	6°♒36'14	3°00'03	
minimum elong	-3624 Feb 24 j 05:58	6°♒27'52	2°58'49	
min. Earth dist.	-3624 Feb 27 j 02:39	4°♒29'47	0.57010 AU	
morning rise	-3624 Mar 03 j 08:49	1°♒37'22		
desc. node	-3624 Mar 07 j 05:26	0°♒39'36		
direct	-3624 Mar 08 j 11:45	0°♒35'48		
morning max el	-3624 Mar 22 j 16:59	7°♒54'34	25°25'06	
	-3624 Apr 08 j 01:11	0°♓		
morning set	-3624 Apr 18 j 16:23	20°♓23'56		
asc. node	-3624 Apr 21 j 23:23	27°♓25'35		
	-3624 Apr 23 j 03:51	0°♈		
superior conj	-3624 Apr 25 j 17:25	5°♈35'24	0°38'18	
minimum elong	-3624 Apr 25 j 15:48	5°♈26'36	0°37'59	
max. Earth dist.	-3624 Apr 26 j 16:32	7°♈41'08	1.32875 AU	
evening rise	-3624 May 02 j 22:14	20°♈55'47		
	-3624 May 07 j 11:39	0°♉		
	-3624 May 26 j 00:03	0°♊		
desc. node	-3624 Jun 03 j 04:13	9°♊24'02		
evening max el	-3624 Jun 03 j 13:35	9°♊46'37	27°13'16	
retrograde	-3624 Jun 17 j 11:26	17°♊09'05		
evening set	-3624 Jun 24 j 12:13	14°♊50'02		
min. Earth dist.	-3624 Jun 28 j 03:05	12°♊01'22	0.61819 AU	
inferior conj	-3624 Jul 01 j 05:46	9°♊10'42	-4°-12'-44	
minimum elong	-3624 Jul 01 j 08:12	9°♊05'07	4°12'23	
morning rise	-3624 Jul 08 j 06:53	4°♊11'52		
direct	-3624 Jul 10 j 19:11	3°♊44'40		
morning max el	-3624 Jul 17 j 15:22	7°♊10'17	17°58'32	
asc. node	-3624 Jul 18 j 22:49	8°♊33'03		
	-3624 Aug 01 j 09:29	0°♋		
morning set	-3624 Aug 02 j 17:38	2°♋26'03		
superior conj	-3624 Aug 13 j 11:55	21°♋38'33	1°32'55	
minimum elong	-3624 Aug 13 j 16:24	21°♋57'56	1°32'41	
	-3624 Aug 18 j 09:48	0°♌		
max. Earth dist.	-3624 Aug 20 j 19:42	4°♌00'09	1.42476 AU	
evening rise	-3624 Aug 27 j 20:00	15°♌17'35		
desc. node	-3624 Aug 30 j 03:28	18°♌54'46		
	-3624 Sep 06 j 09:44	0°♍		
greatest brilliancy	-3624 Sep 23 j 17:00	24°♍13'31	-0.4m	
evening max el	-3624 Sep 28 j 13:39	29°♍45'55	21°49'58	
	-3624 Sep 28 j 19:13	0°♎		
retrograde	-3624 Oct 07 j 16:03	5°♎10'26		
evening set	-3624 Oct 11 j 22:38	3°♎30'21		
asc. node	-3624 Oct 14 j 21:51	0°♎26'05		
	-3624 Oct 15 j 06:08	30°℞♍		
inferior conj	-3624 Oct 17 j 07:42	27°♍13'08	0°49'14	
minimum elong	-3624 Oct 17 j 06:35	27°♍17'01	0°48'46	
min. Earth dist.	-3624 Oct 17 j 11:42	26°♍59'19	0.67351 AU	
morning rise	-3624 Oct 22 j 14:18	20°♍56'10		
direct	-3624 Oct 27 j 09:35	18°♍56'34		
morning max el	-3624 Nov 06 j 10:07	24°♍55'22	22°58'35	
	-3624 Nov 10 j 23:10	0°♎		
greatest brilliancy	-3624 Nov 11 j 07:27	0°♎25'03	-0.3m	
desc. node	-3624 Nov 26 j 03:13	20°♎44'27		
	-3624 Dec 02 j 05:47	0°♏		
morning set	-3624 Dec 10 j 17:40	13°♏35'55		
max. Earth dist.	-3624 Dec 15 j 11:53	21°♏37'14	1.39943 AU	
	-3624 Dec 20 j 06:36	0°♐		
superior conj	-3624 Dec 23 j 05:07	5°♐19'08	-1°-55'-23	
minimum elong	-3624 Dec 23 j 05:26	5°♐20'34	1°55'31	
evening rise	-3623 Jan 01 j 20:34	23°♐29'14		
	-3623 Jan 05 j 07:05	0°♑		
asc. node	-3623 Jan 10 j 20:56	9°♑53'47		
evening max el	-3623 Jan 18 j 01:54	19°♑32'07	18°28'05	
retrograde	-3623 Jan 25 j 14:22	23°♑13'24		
evening set	-3623 Jan 28 j 01:55	22°♑50'35		
inferior conj	-3623 Feb 04 j 11:34	18°♑16'59	3°47'13	
minimum elong	-3623 Feb 04 j 14:17	18°♑11'30	3°46'46	
min. Earth dist.	-3623 Feb 07 j 21:06	15°♑33'59	0.58862 AU	
morning rise	-3623 Feb 11 j 23:08	12°♑52'41		
direct	-3623 Feb 18 j 04:26	11°♑12'39		
desc. node	-3623 Feb 22 j 02:32	11°♑51'11		
morning max el	-3623 Mar 04 j 10:53	18°♑47'20	26°43'08	
	-3623 Mar 13 j 21:50	0°♒		
	-3623 Mar 31 j 12:28	0°♓		
morning set	-3623 Apr 03 j 03:08	5°♓21'20		
asc. node	-3623 Apr 08 j 20:25	17°♓38'11		
superior conj	-3623 Apr 10 j 05:06	20°♓37'02	0°14'14	
minimum elong	-3623 Apr 10 j 04:29	20°♓33'36	0°14'04	
behind sun begin	-3623 Apr 10 j 02:13	20°♓21'12		
behind sun end	-3623 Apr 10 j 06:45	20°♓46'00		
max. Earth dist.	-3623 Apr 10 j 05:29	20°♓39'06	1.32566 AU	
	-3623 Apr 14 j 12:34	0°♈		
evening rise	-3623 Apr 17 j 05:55	5°♈46'26		
	-3623 Apr 30 j 03:58	0°♉		
evening max el	-3623 May 16 j 15:15	21°♉42'06	26°29'04	
desc. node	-3623 May 21 j 01:19	25°♉23'51		
retrograde	-3623 May 30 j 17:01	29°♉00'58		
evening set	-3623 Jun 06 j 03:22	27°♉15'51		
min. Earth dist.	-3623 Jun 10 j 04:31	24°♉35'15	0.59790 AU	
inferior conj	-3623 Jun 13 j 13:26	21°♉54'03	-4°-21'-14	
minimum elong	-3623 Jun 13 j 13:06	21°♉54'42	4°21'09	
morning rise	-3623 Jun 21 j 02:23	17°♉17'08		
direct	-3623 Jun 23 j 13:48	16°♉54'46		
morning max el	-3623 Jul 01 j 02:02	20°♉31'59	18°18'06	
asc. node	-3623 Jul 05 j 19:54	26°♉15'56		
	-3623 Jul 08 j 06:21	0°♊		
morning set	-3623 Jul 17 j 01:59	15°♊53'44		
	-3623 Jul 24 j 13:41	0°♋		
superior conj	-3623 Jul 26 j 13:30	3°♋39'40	1°46'29	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3623 Jul 26 j 15:20	3°♋48'00	1°46'33
max. Earth dist.	-3623 Aug 03 j 01:11	16°♋53'42	1.40674 AU
evening rise	-3623 Aug 07 j 22:20	25°♋04'44	
	-3623 Aug 10 j 23:08	0°♌	
desc. node	-3623 Aug 17 j 00:28	9°♌28'59	
	-3623 Aug 31 j 05:32	0°♍	
greatest brilliancy	-3623 Sep 05 j 15:49	6°♍59'22	-0.2m
evening max el	-3623 Sep 11 j 04:35	13°♍12'26	23°09'26
retrograde	-3623 Sep 21 j 09:38	19°♍15'15	
evening set	-3623 Sep 26 j 05:58	17°♍15'48	
inferior conj	-3623 Oct 01 j 14:25	10°♍55'11	0°-3'-52
minimum elong	-3623 Oct 01 j 14:31	10°♍54'53	0°03'49
transit middle	-3623 Oct 01 j 14:31	10°♍54'53	0°03'49
transit begin	-3623 Oct 01 j 11:53	11°♍03'55	
transit end	-3623 Oct 01 j 17:08	10°♍45'50	
min. Earth dist.	-3623 Oct 01 j 08:14	11°♍16'29	0.67445 AU
asc. node	-3623 Oct 01 j 18:58	10°♍39'35	
morning rise	-3623 Oct 06 j 23:02	4°♍41'11	
direct	-3623 Oct 11 j 04:08	3°♍03'03	
morning max el	-3623 Oct 20 j 00:41	8°♍17'26	21°35'00
greatest brilliancy	-3623 Oct 25 j 03:00	14°♍08'57	-0.4m
	-3623 Nov 05 j 14:56	0°♎	
desc. node	-3623 Nov 13 j 00:12	11°♎01'41	
morning set	-3623 Nov 20 j 10:30	22°♎33'46	
	-3623 Nov 25 j 01:46	0°♏	
max. Earth dist.	-3623 Nov 27 j 12:50	4°♏01'51	1.41926 AU
superior conj	-3623 Dec 05 j 00:12	16°♏40'31	-1°-50'-24
minimum elong	-3623 Dec 04 j 20:58	16°♏26'32	1°50'22
	-3623 Dec 12 j 12:16	0°♐	
evening rise	-3623 Dec 15 j 23:46	6°♐20'19	
asc. node	-3623 Dec 28 j 17:59	28°♐02'49	
	-3623 Dec 30 j 05:36	0°♑	
evening max el	-3622 Jan 01 j 11:09	2°♑29'53	18°09'44
retrograde	-3622 Jan 08 j 06:59	5°♑58'34	
evening set	-3622 Jan 10 j 21:30	5°♑28'41	
inferior conj	-3622 Jan 17 j 17:26	0°♑32'57	4°01'59
minimum elong	-3622 Jan 17 j 17:25	0°♑32'59	4°01'50
	-3622 Jan 18 j 07:32	30°℞♐	
min. Earth dist.	-3622 Jan 20 j 21:26	27°♐37'22	0.60888 AU
morning rise	-3622 Jan 24 j 10:43	24°♐50'49	
direct	-3622 Jan 31 j 07:56	22°♐34'28	
desc. node	-3622 Feb 08 j 23:37	25°♐42'25	
	-3622 Feb 14 j 04:00	0°♑	
morning max el	-3622 Feb 14 j 10:42	0°♑16'16	27°30'51
	-3622 Mar 07 j 21:08	0°♒	
morning set	-3622 Mar 18 j 10:34	20°♒06'42	
	-3622 Mar 23 j 02:49	0°♓	
max. Earth dist.	-3622 Mar 24 j 18:13	3°♓33'45	1.32606 AU
superior conj	-3622 Mar 25 j 16:29	5°♓35'07	0°-10'-52
minimum elong	-3622 Mar 25 j 16:58	5°♓37'48	0°10'49
behind sun begin	-3622 Mar 25 j 13:16	5°♓17'34	
behind sun end	-3622 Mar 25 j 20:41	5°♓58'01	
asc. node	-3622 Mar 26 j 17:25	7°♓51'21	
evening rise	-3622 Apr 01 j 16:32	20°♓43'21	
	-3622 Apr 06 j 05:55	0°♈	
	-3622 Apr 25 j 14:34	0°♉	
evening max el	-3622 Apr 28 j 10:47	2°♉56'13	25°16'24
desc. node	-3622 May 07 j 22:26	9°♉17'17	
retrograde	-3622 May 12 j 12:17	10°♉06'10	
evening set	-3622 May 17 j 20:31	8°♉59'43	
min. Earth dist.	-3622 May 22 j 23:05	6°♉10'35	0.57805 AU
inferior conj	-3622 May 26 j 02:24	4°♉00'48	-4°-1'-1
minimum elong	-3622 May 25 j 22:26	4°♉07'41	4°00'25
	-3622 Jun 02 j 07:19	30°℞♈	
morning rise	-3622 Jun 03 j 04:24	29°♈44'56	
direct	-3622 Jun 05 j 15:50	29°♈26'18	
	-3622 Jun 08 j 21:25	0°♉	
morning max el	-3622 Jun 14 j 06:08	3°♉28'04	18°57'55
asc. node	-3622 Jun 22 j 16:57	14°♉44'51	
morning set	-3622 Jun 30 j 21:08	29°♉55'09	
	-3622 Jun 30 j 22:07	0°♊	
superior conj	-3622 Jul 09 j 10:40	16°♊40'28	1°48'42
minimum elong	-3622 Jul 09 j 10:10	16°♊38'03	1°48'50
max. Earth dist.	-3622 Jul 16 j 03:25	29°♊07'14	1.38720 AU
	-3622 Jul 16 j 15:11	0°♋	
evening rise	-3622 Jul 20 j 02:40	6°♋07'03	
desc. node	-3622 Aug 03 j 21:29	29°♋51'25	
	-3622 Aug 03 j 23:47	0°♌	
evening max el	-3622 Aug 24 j 16:18	26°♌41'37	24°29'37
	-3622 Aug 28 j 09:17	0°♍	
retrograde	-3622 Sep 04 j 23:27	3°♍18'23	
evening set	-3622 Sep 10 j 10:49	0°♍59'39	
	-3622 Sep 11 j 12:11	30°℞♌	
min. Earth dist.	-3622 Sep 15 j 03:34	25°♌34'58	0.67235 AU
inferior conj	-3622 Sep 15 j 20:13	24°♌39'07	0°-57'-34
minimum elong	-3622 Sep 15 j 21:34	24°♌34'34	0°56'56
asc. node	-3622 Sep 18 j 16:04	21°♌03'28	
morning rise	-3622 Sep 21 j 08:36	18°♌31'24	
direct	-3622 Sep 25 j 01:16	17°♌12'59	
morning max el	-3622 Oct 02 j 22:12	21°♌48'03	20°20'52
greatest brilliancy	-3622 Oct 09 j 14:31	29°♌53'49	-0.6m
	-3622 Oct 09 j 16:21	0°♍	
	-3622 Oct 29 j 21:30	0°♎	
morning set	-3622 Oct 30 j 09:34	0°♎46'40	
desc. node	-3622 Oct 30 j 21:10	1°♎31'40	
max. Earth dist.	-3622 Nov 09 j 21:48	17°♎20'23	1.43527 AU
superior conj	-3622 Nov 15 j 17:02	26°♎46'42	-1°-29'-54
minimum elong	-3622 Nov 15 j 10:24	26°♎19'22	1°29'24
	-3622 Nov 17 j 15:42	0°♏	
evening rise	-3622 Nov 28 j 10:39	18°♏24'44	
	-3622 Dec 05 j 03:18	0°♐	
asc. node	-3622 Dec 15 j 15:02	15°♐21'35	
evening max el	-3622 Dec 15 j 23:24	15°♐43'09	18°10'51
retrograde	-3622 Dec 22 j 12:35	19°♐12'14	
evening set	-3622 Dec 25 j 06:20	18°♐34'20	
inferior conj	-3622 Dec 31 j 15:18	13°♐17'18	3°53'07
minimum elong	-3622 Dec 31 j 13:18	13°♐22'35	3°52'45
min. Earth dist.	-3621 Jan 03 j 06:32	10°♐31'23	0.62794 AU
morning rise	-3621 Jan 06 j 18:26	7°♐22'19	
direct	-3621 Jan 13 j 19:54	4°♐41'37	
desc. node	-3621 Jan 26 j 20:41	11°♐38'37	
morning max el	-3621 Jan 27 j 16:22	12°♐26'09	27°42'36
	-3621 Feb 10 j 17:41	0°♑	
	-3621 Feb 28 j 05:37	0°♒	
morning set	-3621 Mar 02 j 12:32	4°♒32'41	
max. Earth dist.	-3621 Mar 08 j 02:56	16°♒11'48	1.33014 AU
superior conj	-3621 Mar 10 j 01:54	20°♒23'58	0°-36'-4
minimum elong	-3621 Mar 10 j 03:31	20°♒32'41	0°35'51
asc. node	-3621 Mar 13 j 14:25	28°♒01'17	
	-3621 Mar 14 j 12:26	0°♓	
evening rise	-3621 Mar 17 j 04:13	5°♓39'54	
	-3621 Mar 30 j 06:29	0°♈	
evening max el	-3621 Apr 10 j 02:36	13°♈42'07	23°45'53
retrograde	-3621 Apr 23 j 19:06	20°♈31'56	
desc. node	-3621 Apr 24 j 19:31	20°♈29'36	
evening set	-3621 Apr 27 j 19:11	19°♈56'36	
min. Earth dist.	-3621 May 04 j 13:51	16°♈45'39	0.56190 AU
inferior conj	-3621 May 06 j 19:11	15°♈24'50	-3°-2'-13
minimum elong	-3621 May 06 j 13:06	15°♈34'05	3°00'39

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3621 May 15 j 10:42	11°♈24'49	
direct	-3621 May 17 j 22:58	11°♈08'43	
morning max el	-3621 May 28 j 01:03	15°♈49'29	19°58'18
	-3621 Jun 07 j 11:05	0°♉	
asc. node	-3621 Jun 09 j 13:59	3°♉48'46	
morning set	-3621 Jun 14 j 23:51	14°♉21'48	
superior conj	-3621 Jun 22 j 22:05	0°♊26'02	1°42'18
minimum elong	-3621 Jun 22 j 20:07	0°♊16'09	1°42'18
	-3621 Jun 22 j 16:53	0°♊	
max. Earth dist.	-3621 Jun 28 j 07:18	10°♊56'18	1.36856 AU
evening rise	-3621 Jul 02 j 06:55	18°♊20'25	
	-3621 Jul 08 j 23:04	0°♋	
desc. node	-3621 Jul 21 j 18:29	19°♋56'16	
	-3621 Jul 29 j 04:20	0°♌	
evening max el	-3621 Aug 07 j 03:01	10°♌13'04	25°42'56
retrograde	-3621 Aug 19 j 08:50	17°♌15'32	
evening set	-3621 Aug 25 j 11:16	14°♌40'12	
min. Earth dist.	-3621 Aug 29 j 19:18	9°♌52'52	0.66698 AU
inferior conj	-3621 Aug 30 j 23:19	8°♌23'08	-1°-50'-10
minimum elong	-3621 Aug 31 j 01:52	8°♌14'58	1°49'05
morning rise	-3621 Sep 05 j 17:07	2°♌24'51	
asc. node	-3621 Sep 05 j 13:10	2°♌31'12	
direct	-3621 Sep 08 j 23:28	1°♌23'13	
morning max el	-3621 Sep 16 j 03:00	5°♌27'32	19°20'05
greatest brilliancy	-3621 Sep 26 j 07:58	18°♌55'31	-0.7m
	-3621 Oct 03 j 13:41	0°♍	
morning set	-3621 Oct 09 j 13:40	9°♍21'10	
desc. node	-3621 Oct 17 j 18:06	22°♍09'50	
	-3621 Oct 22 j 17:36	0°♎	
max. Earth dist.	-3621 Oct 23 j 12:49	1°♎15'58	1.44541 AU
superior conj	-3621 Oct 26 j 07:12	5°♎39'09	0°-52'-38
minimum elong	-3621 Oct 26 j 01:02	5°♎14'38	0°51'55
evening rise	-3621 Nov 10 j 00:32	29°♎32'35	
	-3621 Nov 10 j 07:10	0°♏	
evening max el	-3621 Nov 29 j 11:49	29°♏04'26	18°30'35
	-3621 Nov 30 j 10:45	0°♐	
asc. node	-3621 Dec 02 j 12:06	1°♐35'12	
retrograde	-3621 Dec 06 j 02:43	2°♐44'39	
evening set	-3621 Dec 09 j 00:53	1°♐57'22	
	-3621 Dec 11 j 16:10	30°℞♏	
inferior conj	-3621 Dec 15 j 01:17	26°♏21'28	3°27'57
minimum elong	-3621 Dec 14 j 22:19	26°♏30'08	3°27'13
min. Earth dist.	-3621 Dec 17 j 01:43	24°♏00'29	0.64411 AU
morning rise	-3621 Dec 20 j 18:28	20°♏16'53	
direct	-3621 Dec 27 j 14:59	17°♏26'41	
morning max el	-3620 Jan 10 j 01:27	25°♏08'30	27°19'16
desc. node	-3620 Jan 13 j 17:42	29°♏04'15	
	-3620 Jan 14 j 13:02	0°♐	
	-3620 Feb 04 j 03:57	0°♑	
morning set	-3620 Feb 14 j 06:10	18°♑29'10	
max. Earth dist.	-3620 Feb 19 j 03:35	28°♑19'46	1.33820 AU
	-3620 Feb 19 j 22:56	0°♒	
superior conj	-3620 Feb 22 j 07:26	4°♒56'24	-1°00'-25
minimum elong	-3620 Feb 22 j 10:01	5°♒10'03	1°00'06
asc. node	-3620 Feb 28 j 11:24	18°♒03'03	
evening rise	-3620 Feb 29 j 15:09	20°♒28'48	
	-3620 Mar 05 j 08:06	0°♓	
evening max el	-3620 Mar 21 j 20:33	24°♓25'57	22°11'52
	-3620 Mar 30 j 12:54	0°♈	
retrograde	-3620 Apr 03 j 14:19	0°♈38'06	
evening set	-3620 Apr 06 j 11:26	0°♈19'45	
	-3620 Apr 07 j 18:47	30°℞♓	
desc. node	-3620 Apr 10 j 16:38	28°♓54'08	
min. Earth dist.	-3620 Apr 15 j 03:43	26°♓34'12	0.55267 AU
inferior conj	-3620 Apr 15 j 19:36	26°♓11'44	-1°-24'-21
minimum elong	-3620 Apr 15 j 15:48	26°♓17'07	1°23'07
morning rise	-3620 Apr 24 j 21:49	22°♓14'25	
direct	-3620 Apr 27 j 14:30	21°♓58'00	
morning max el	-3620 May 09 j 09:15	27°♓30'07	21°17'55
	-3620 May 11 j 19:48	0°♈	
asc. node	-3620 May 26 j 11:00	23°♈18'49	
morning set	-3620 May 29 j 07:41	29°♈06'34	
	-3620 May 29 j 18:03	0°♉	
superior conj	-3620 Jun 05 j 19:33	14°♉43'57	1°29'33
minimum elong	-3620 Jun 05 j 16:56	14°♉30'26	1°29'21
max. Earth dist.	-3620 Jun 09 j 18:21	22°♉46'45	1.35268 AU
	-3620 Jun 13 j 10:47	0°♊	
evening rise	-3620 Jun 14 j 05:57	1°♊31'24	
	-3620 Jun 30 j 23:08	0°♋	
desc. node	-3620 Jul 07 j 15:32	9°♋35'47	
evening max el	-3620 Jul 19 j 14:09	23°♋42'46	26°41'24
	-3620 Jul 28 j 04:00	0°♌	
retrograde	-3620 Aug 01 j 13:28	1°♌00'39	
	-3620 Aug 05 j 15:05	30°℞♋	
evening set	-3620 Aug 08 j 05:09	28°♋15'06	
min. Earth dist.	-3620 Aug 12 j 05:09	24°♋06'25	0.65802 AU
inferior conj	-3620 Aug 13 j 21:49	22°♋04'38	-2°-39'-45
minimum elong	-3620 Aug 14 j 01:18	21°♋54'12	2°38'28
morning rise	-3620 Aug 19 j 22:32	16°♋18'58	
asc. node	-3620 Aug 22 j 10:15	15°♋31'49	
direct	-3620 Aug 22 j 20:54	15°♋30'43	
morning max el	-3620 Aug 29 j 13:37	19°♋13'19	18°34'52
	-3620 Sep 06 j 17:25	0°♌	
morning set	-3620 Sep 18 j 17:10	19°♌06'22	
	-3620 Sep 25 j 11:59	0°♍	
desc. node	-3620 Oct 03 j 15:03	12°♍53'12	
superior conj	-3620 Oct 04 j 07:04	13°♍56'20	0°-4'-15
minimum elong	-3620 Oct 04 j 06:30	13°♍54'09	0°04'09
behind sun begin	-3620 Oct 03 j 19:26	13°♍10'31	
behind sun end	-3620 Oct 04 j 17:35	14°♍37'47	
max. Earth dist.	-3620 Oct 05 j 06:38	15°♍29'14	1.44850 AU
	-3620 Oct 14 j 11:49	0°♎	
evening rise	-3620 Oct 20 j 13:56	9°♎37'38	
	-3620 Nov 02 j 13:13	0°♏	
evening max el	-3620 Nov 11 j 21:59	12°♏30'07	19°07'46
asc. node	-3620 Nov 18 j 09:11	16°♏28'41	
retrograde	-3620 Nov 18 j 21:45	16°♏30'14	
evening set	-3620 Nov 22 j 02:09	15°♏31'30	
inferior conj	-3620 Nov 27 j 20:05	9°♏39'53	2°51'42
minimum elong	-3620 Nov 27 j 16:59	9°♏49'39	2°50'44
min. Earth dist.	-3620 Nov 29 j 06:20	7°♏52'04	0.65681 AU
morning rise	-3620 Dec 03 j 06:54	3°♏28'25	
direct	-3620 Dec 09 j 16:33	0°♏42'15	
morning max el	-3620 Dec 22 j 11:12	8°♏11'04	26°26'29
desc. node	-3620 Dec 30 j 14:44	17°♏33'20	
	-3619 Jan 08 j 14:14	0°♐	
	-3619 Jan 26 j 13:24	0°♑	
morning set	-3619 Jan 27 j 11:44	1°♑44'30	
max. Earth dist.	-3619 Jan 31 j 16:52	9°♑51'32	1.35067 AU
superior conj	-3619 Feb 05 j 06:53	19°♑05'38	-1°-22'-35
minimum elong	-3619 Feb 05 j 10:03	19°♑21'52	1°22'19
	-3619 Feb 10 j 12:56	0°♒	
evening rise	-3619 Feb 12 j 23:33	5°♒04'00	
asc. node	-3619 Feb 14 j 08:25	7°♒52'08	
	-3619 Feb 27 j 02:09	0°♓	
evening max el	-3619 Mar 03 j 22:46	5°♓33'57	20°46'40
retrograde	-3619 Mar 15 j 03:57	10°♓54'45	
evening set	-3619 Mar 17 j 12:17	10°♓41'37	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3619 Mar 26 j 14:54	6°♓43'59	0°32'28
minimum elong	-3619 Mar 26 j 16:22	6°♓41'52	0°31'54
min. Earth dist.	-3619 Mar 27 j 17:56	6°♓05'06	0.55258 AU
desc. node	-3619 Mar 28 j 13:45	5°♓36'56	
morning rise	-3619 Apr 04 j 18:58	2°♓30'49	
direct	-3619 Apr 08 j 02:33	2°♓06'53	
morning max el	-3619 Apr 21 j 07:19	8°♓31'32	22°52'01
	-3619 May 06 j 15:23	0°♈	
asc. node	-3619 May 13 j 07:59	13°♈07'52	
morning set	-3619 May 13 j 18:34	14°♈02'53	
superior conj	-3619 May 20 j 23:50	29°♈23'54	1°12'09
minimum elong	-3619 May 20 j 21:15	29°♈10'10	1°11'48
	-3619 May 21 j 06:38	0°♉	
max. Earth dist.	-3619 May 23 j 15:22	4°♉58'38	1.34050 AU
evening rise	-3619 May 28 j 18:44	15°♉25'17	
	-3619 Jun 05 j 14:04	0°♊	
desc. node	-3619 Jun 24 j 12:37	28°♊38'34	
	-3619 Jun 25 j 15:07	0°♋	
evening max el	-3619 Jul 02 j 01:24	7°♋01'23	27°17'17
retrograde	-3619 Jul 15 j 12:43	14°♋24'59	
evening set	-3619 Jul 22 j 13:39	11°♋39'23	
min. Earth dist.	-3619 Jul 26 j 07:04	8°♋07'41	0.64531 AU
inferior conj	-3619 Jul 28 j 13:23	5°♋38'43	-3°-23'-49
minimum elong	-3619 Jul 28 j 17:16	5°♋28'04	3°22'42
morning rise	-3619 Aug 03 j 22:28	0°♋08'41	
	-3619 Aug 04 j 06:25	30°℞♊	
direct	-3619 Aug 06 j 15:13	29°♊30'34	
asc. node	-3619 Aug 09 j 07:20	0°♋07'46	
	-3619 Aug 09 j 00:10	0°♋	
morning max el	-3619 Aug 13 j 03:39	2°♋59'51	18°06'30
	-3619 Aug 30 j 21:39	0°♌	
morning set	-3619 Aug 31 j 00:06	0°♌10'20	
superior conj	-3619 Sep 13 j 14:51	22°♌40'29	0°43'03
minimum elong	-3619 Sep 13 j 19:34	22°♌59'32	0°42'32
max. Earth dist.	-3619 Sep 18 j 00:02	29°♌40'59	1.44433 AU
	-3619 Sep 18 j 04:50	0°♍	
desc. node	-3619 Sep 20 j 12:01	3°♍38'09	
evening rise	-3619 Sep 30 j 04:30	18°♍44'58	
	-3619 Oct 07 j 11:59	0°♎	
greatest brilliancy	-3619 Oct 18 j 22:08	16°♎55'52	-0.6m
evening max el	-3619 Oct 26 j 03:46	25°♎57'00	20°00'49
	-3619 Oct 31 j 15:16	0°♏	
retrograde	-3619 Nov 02 j 18:49	0°♏24'49	
	-3619 Nov 04 j 20:33	30°℞♎	
asc. node	-3619 Nov 05 j 06:18	29°♎49'12	
evening set	-3619 Nov 06 j 07:41	29°♎12'00	
inferior conj	-3619 Nov 11 j 20:55	23°♎07'53	2°07'53
minimum elong	-3619 Nov 11 j 18:17	23°♎16'36	2°06'54
min. Earth dist.	-3619 Nov 12 j 18:23	21°♎56'33	0.66593 AU
morning rise	-3619 Nov 17 j 04:16	16°♎52'17	
direct	-3619 Nov 22 j 23:47	14°♎20'09	
morning max el	-3619 Dec 04 j 20:01	21°♎22'09	25°12'59
	-3619 Dec 12 j 08:37	0°♏	
desc. node	-3619 Dec 17 j 11:44	6°♏47'04	
	-3618 Jan 01 j 19:48	0°♐	
morning set	-3618 Jan 10 j 00:14	14°♐04'01	
max. Earth dist.	-3618 Jan 13 j 18:43	20°♐58'12	1.36747 AU
	-3618 Jan 18 j 12:07	0°♑	
superior conj	-3618 Jan 19 j 21:23	2°♑43'27	-1°-40'-48
minimum elong	-3618 Jan 20 j 00:24	2°♑58'22	1°40'42
evening rise	-3618 Jan 28 j 03:22	19°♑19'33	
asc. node	-3618 Feb 01 j 05:27	27°♑23'17	
	-3618 Feb 02 j 14:39	0°♒	
evening max el	-3618 Feb 14 j 11:40	17°♒17'58	19°37'35
retrograde	-3618 Feb 24 j 00:08	21°♒49'13	
evening set	-3618 Feb 26 j 07:25	21°♒34'33	
inferior conj	-3618 Mar 06 j 19:11	17°♒30'26	2°15'44
minimum elong	-3618 Mar 06 j 23:58	17°♒22'48	2°14'17
min. Earth dist.	-3618 Mar 09 j 08:35	15°♒53'06	0.56161 AU
desc. node	-3618 Mar 15 j 10:52	12°♒50'56	
morning rise	-3618 Mar 15 j 13:03	12°♒49'09	
direct	-3618 Mar 19 j 23:09	12°♒05'11	
morning max el	-3618 Apr 02 j 23:01	19°♒08'54	24°31'08
	-3618 Apr 12 j 00:36	0°♓	
morning set	-3618 Apr 28 j 06:46	29°♓05'18	
	-3618 Apr 28 j 17:10	0°♈	
asc. node	-3618 Apr 30 j 05:01	3°♈10'26	
superior conj	-3618 May 05 j 08:34	14°♈18'17	0°51'23
minimum elong	-3618 May 05 j 06:29	14°♈07'05	0°51'01
max. Earth dist.	-3618 May 06 j 21:20	17°♈36'41	1.33207 AU
evening rise	-3618 May 12 j 17:17	29°♈49'59	
	-3618 May 12 j 19:16	0°♉	
	-3618 May 29 j 15:58	0°♊	
desc. node	-3618 Jun 11 j 09:42	16°♊49'15	
evening max el	-3618 Jun 14 j 11:00	19°♊57'12	27°24'06
retrograde	-3618 Jun 28 j 05:46	27°♊20'10	
evening set	-3618 Jul 05 j 09:17	24°♊47'42	
min. Earth dist.	-3618 Jul 08 j 23:25	21°♊46'30	0.62901 AU
inferior conj	-3618 Jul 11 j 19:15	18°♊59'49	-3°-58'-47
minimum elong	-3618 Jul 11 j 22:35	18°♊51'35	3°58'08
morning rise	-3618 Jul 18 j 14:06	13°♊48'34	
direct	-3618 Jul 21 j 03:32	13°♊17'51	
asc. node	-3618 Jul 27 j 04:25	16°♊08'33	
morning max el	-3618 Jul 27 j 18:33	16°♊42'05	17°56'02
	-3618 Aug 06 j 04:38	0°♋	
morning set	-3618 Aug 13 j 06:30	12°♋21'39	
	-3618 Aug 23 j 09:44	0°♌	
superior conj	-3618 Aug 24 j 23:03	2°♌37'32	1°18'54
minimum elong	-3618 Aug 25 j 04:35	3°♌00'50	1°18'28
max. Earth dist.	-3618 Aug 31 j 14:31	13°♌35'07	1.43352 AU
desc. node	-3618 Sep 07 j 09:00	24°♌21'41	
evening rise	-3618 Sep 09 j 08:47	27°♌28'00	
	-3618 Sep 11 j 00:04	0°♍	
	-3618 Oct 01 j 10:06	0°♎	
greatest brilliancy	-3618 Oct 03 j 17:56	3°♎03'48	-0.5m
evening max el	-3618 Oct 09 j 03:46	9°♎23'34	21°07'11
retrograde	-3618 Oct 17 j 15:46	14°♎25'35	
evening set	-3618 Oct 21 j 15:21	12°♎56'01	
asc. node	-3618 Oct 23 j 03:25	11°♎35'39	
inferior conj	-3618 Oct 27 j 01:30	6°♎42'44	1°18'58
minimum elong	-3618 Oct 26 j 23:45	6°♎48'42	1°18'15
min. Earth dist.	-3618 Oct 27 j 11:35	6°♎08'12	0.67167 AU
morning rise	-3618 Nov 01 j 07:47	0°♎25'38	
	-3618 Nov 01 j 20:15	30°℞♍	
direct	-3618 Nov 06 j 11:55	28°♍13'30	
	-3618 Nov 11 j 16:55	0°♎	
morning max el	-3618 Nov 17 j 04:47	4°♎36'40	23°48'29
desc. node	-3618 Dec 04 j 08:44	26°♎32'22	
	-3618 Dec 06 j 17:24	0°♏	
morning set	-3618 Dec 22 j 13:28	25°♏10'43	
	-3618 Dec 25 j 08:31	0°♐	
max. Earth dist.	-3618 Dec 26 j 14:47	2°♐12'59	1.38748 AU
superior conj	-3617 Jan 02 j 23:04	15°♐38'40	-1°-52'-41
minimum elong	-3617 Jan 03 j 00:48	15°♐46'50	1°52'45
	-3617 Jan 10 j 09:36	0°♑	
evening rise	-3617 Jan 12 j 00:08	3°♑08'16	
asc. node	-3617 Jan 19 j 02:30	16°♑29'23	
evening max el	-3617 Jan 28 j 10:19	29°♑35'46	18°47'37

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3617 Jan 28 j 20:41	0°♒	
retrograde	-3617 Feb 05 j 13:04	3°♒30'50	
evening set	-3617 Feb 07 j 23:03	3°♒11'22	
	-3617 Feb 14 j 02:49	30°℞♑	
inferior conj	-3617 Feb 15 j 17:44	28°♑49'35	3°24'32
minimum elong	-3617 Feb 15 j 21:54	28°♑41'53	3°23'38
min. Earth dist.	-3617 Feb 19 j 00:37	26°♑25'13	0.57760 AU
morning rise	-3617 Feb 23 j 17:01	23°♑39'22	
direct	-3617 Mar 01 j 08:15	22°♑22'08	
desc. node	-3617 Mar 02 j 07:58	22°♑24'32	
morning max el	-3617 Mar 15 j 14:30	29°♑48'09	26°01'19
	-3617 Mar 15 j 19:23	0°♒	
	-3617 Apr 05 j 15:53	0°♓	
morning set	-3617 Apr 12 j 18:33	14°♓06'29	
asc. node	-3617 Apr 17 j 02:01	23°♓20'36	
superior conj	-3617 Apr 19 j 19:39	29°♓18'57	0°28'16
minimum elong	-3617 Apr 19 j 18:26	29°♓12'17	0°28'00
	-3617 Apr 20 j 03:10	0°♈	
max. Earth dist.	-3617 Apr 20 j 08:59	0°♈31'48	1.32710 AU
evening rise	-3617 Apr 26 j 22:22	14°♈33'39	
	-3617 May 04 j 20:22	0°♉	
	-3617 May 25 j 10:00	0°♊	
evening max el	-3617 May 27 j 16:10	2°♊16'44	26°58'18
desc. node	-3617 May 29 j 06:47	3°♊45'04	
retrograde	-3617 Jun 10 j 15:36	9°♊37'01	
evening set	-3617 Jun 17 j 11:54	7°♊31'16	
min. Earth dist.	-3617 Jun 21 j 05:41	4°♊48'13	0.60976 AU
inferior conj	-3617 Jun 24 j 12:01	1°♊59'16	-4°-19'-11
minimum elong	-3617 Jun 24 j 13:27	1°♊56'08	4°19'00
	-3617 Jun 26 j 21:08	30°℞♉	
morning rise	-3617 Jul 01 j 17:59	27°♉09'29	
direct	-3617 Jul 04 j 05:55	26°♉44'20	
	-3617 Jul 11 j 02:00	0°♊	
morning max el	-3617 Jul 11 j 07:33	0°♊13'11	18°04'26
asc. node	-3617 Jul 14 j 01:30	3°♊18'15	
morning set	-3617 Jul 27 j 06:45	25°♊24'52	
	-3617 Jul 29 j 18:12	0°♋	
superior conj	-3617 Aug 06 j 10:41	13°♋56'27	1°40'15
minimum elong	-3617 Aug 06 j 14:04	14°♋11'27	1°40'11
max. Earth dist.	-3617 Aug 13 j 23:52	26°♋55'29	1.41746 AU
	-3617 Aug 15 j 20:20	0°♌	
evening rise	-3617 Aug 19 j 22:28	6°♌38'40	
desc. node	-3617 Aug 25 j 06:00	15°♌00'24	
	-3617 Sep 04 j 06:09	0°♍	
greatest brilliancy	-3617 Sep 17 j 04:07	17°♍30'11	-0.3m
evening max el	-3617 Sep 21 j 21:37	22°♍49'24	22°23'18
retrograde	-3617 Oct 01 j 10:57	28°♍29'59	
evening set	-3617 Oct 05 j 23:18	26°♍41'32	
asc. node	-3617 Oct 10 j 00:31	22°♍09'57	
inferior conj	-3617 Oct 11 j 07:55	20°♍22'29	0°26'53
minimum elong	-3617 Oct 11 j 07:17	20°♍24'39	0°26'38
min. Earth dist.	-3617 Oct 11 j 07:29	20°♍23'58	0.67426 AU
morning rise	-3617 Oct 16 j 15:09	14°♍06'43	
direct	-3617 Oct 21 j 04:14	12°♍16'29	
morning max el	-3617 Oct 30 j 16:28	17°♍55'43	22°22'22
greatest brilliancy	-3617 Nov 04 j 09:09	23°♍13'30	-0.3m
	-3617 Nov 09 j 14:52	0°♎	
desc. node	-3617 Nov 21 j 05:43	16°♎40'09	
	-3617 Nov 29 j 21:03	0°♏	
morning set	-3617 Dec 02 j 22:27	4°♏54'15	
max. Earth dist.	-3617 Dec 08 j 12:48	14°♏09'26	1.40815 AU
superior conj	-3617 Dec 16 j 06:58	27°♏38'32	-1°-54'-57
minimum elong	-3617 Dec 16 j 05:55	27°♏33'49	1°55'04
	-3617 Dec 17 j 14:26	0°♐	
evening rise	-3617 Dec 26 j 10:51	16°♐23'17	
	-3616 Jan 02 j 21:44	0°♑	
asc. node	-3616 Jan 05 j 23:33	5°♑02'26	
evening max el	-3616 Jan 11 j 16:28	12°♑21'17	18°17'46
retrograde	-3616 Jan 18 j 20:37	15°♑55'48	
evening set	-3616 Jan 21 j 09:23	15°♑30'06	
inferior conj	-3616 Jan 28 j 12:50	10°♑46'47	3°56'55
minimum elong	-3616 Jan 28 j 14:21	10°♑43'30	3°56'41
min. Earth dist.	-3616 Jan 31 j 21:04	7°♑55'41	0.59722 AU
morning rise	-3616 Feb 04 j 16:11	5°♑13'56	
direct	-3616 Feb 11 j 05:29	3°♑17'56	
desc. node	-3616 Feb 17 j 05:03	4°♑47'50	
morning max el	-3616 Feb 25 j 10:59	10°♑56'00	27°07'38
	-3616 Mar 11 j 07:03	0°♒	
morning set	-3616 Mar 27 j 04:10	29°♒00'04	
	-3616 Mar 27 j 15:40	0°♓	
asc. node	-3616 Apr 02 j 23:02	13°♓34'00	
superior conj	-3616 Apr 03 j 07:24	14°♓19'51	0°03'40
minimum elong	-3616 Apr 03 j 07:15	14°♓18'58	0°03'36
behind sun begin	-3616 Apr 03 j 02:21	13°♓52'11	
behind sun end	-3616 Apr 03 j 12:08	14°♓45'45	
max. Earth dist.	-3616 Apr 02 j 22:28	13°♓30'55	1.32548 AU
evening rise	-3616 Apr 10 j 07:33	29°♓27'54	
	-3616 Apr 10 j 13:40	0°♈	
	-3616 Apr 27 j 06:43	0°♉	
evening max el	-3616 May 08 j 14:55	13°♉53'07	26°00'55
desc. node	-3616 May 15 j 03:53	18°♉55'43	
retrograde	-3616 May 22 j 16:55	21°♉09'15	
evening set	-3616 May 28 j 17:43	19°♉40'20	
min. Earth dist.	-3616 Jun 02 j 03:30	16°♉58'17	0.58929 AU
inferior conj	-3616 Jun 05 j 12:01	14°♉27'41	-4°-16'-48
minimum elong	-3616 Jun 05 j 10:09	14°♉31'11	4°16'36
morning rise	-3616 Jun 13 j 06:26	10°♉00'24	
direct	-3616 Jun 15 j 17:53	9°♉39'43	
morning max el	-3616 Jun 23 j 15:48	13°♉25'10	18°32'35
asc. node	-3616 Jun 29 j 22:33	21°♉22'06	
	-3616 Jul 05 j 00:06	0°♊	
morning set	-3616 Jul 09 j 20:04	9°♊07'44	
superior conj	-3616 Jul 18 j 21:17	26°♊25'03	1°48'39
minimum elong	-3616 Jul 18 j 22:02	26°♊28'31	1°48'47
	-3616 Jul 20 j 19:50	0°♋	
max. Earth dist.	-3616 Jul 26 j 03:25	9°♋30'48	1.39840 AU
evening rise	-3616 Jul 30 j 11:33	16°♋56'18	
	-3616 Aug 07 j 13:11	0°♌	
desc. node	-3616 Aug 11 j 02:59	5°♌30'09	
	-3616 Aug 28 j 19:52	0°♍	
evening max el	-3616 Sep 03 j 10:37	6°♍15'51	23°43'55
retrograde	-3616 Sep 14 j 03:06	12°♍34'31	
evening set	-3616 Sep 19 j 05:46	10°♍26'29	
min. Earth dist.	-3616 Sep 24 j 03:44	4°♍41'38	0.67385 AU
inferior conj	-3616 Sep 24 j 14:24	4°♍05'15	0°-26'-43
minimum elong	-3616 Sep 24 j 15:01	4°♍03'07	0°26'24
asc. node	-3616 Sep 25 j 21:38	2°♍19'58	
	-3616 Sep 27 j 19:04	30°℞♌	
morning rise	-3616 Sep 30 j 00:25	27°♌53'39	
direct	-3616 Oct 03 j 23:52	26°♌24'27	
	-3616 Oct 11 j 00:10	0°♍	
morning max el	-3616 Oct 12 j 09:54	1°♍21'32	21°02'08
greatest brilliancy	-3616 Oct 18 j 01:15	7°♍58'03	-0.5m
	-3616 Nov 02 j 11:28	0°♎	
desc. node	-3616 Nov 07 j 02:40	7°♎03'17	
morning set	-3616 Nov 11 j 05:28	13°♎26'06	
max. Earth dist.	-3616 Nov 19 j 16:58	26°♎57'24	1.42659 AU
	-3616 Nov 21 j 13:34	0°♏	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3616 Nov 26 j 15:16	8°♏28'19	-1°-43'-47
minimum elong	-3616 Nov 26 j 10:24	8°♏07'40	1°43'34
evening rise	-3616 Dec 08 j 07:38	28°♏55'36	
	-3616 Dec 08 j 22:01	0°♐	
asc. node	-3616 Dec 22 j 20:37	22°♐51'45	
evening max el	-3616 Dec 25 j 03:15	25°♐26'10	18°07'52
retrograde	-3616 Dec 31 j 19:22	28°♐53'56	
evening set	-3615 Jan 03 j 11:01	28°♐20'58	
inferior conj	-3615 Jan 10 j 01:59	23°♐16'02	4°00'36
minimum elong	-3615 Jan 10 j 01:00	23°♐18'28	4°00'25
min. Earth dist.	-3615 Jan 13 j 01:06	20°♐21'56	0.61721 AU
morning rise	-3615 Jan 16 j 12:40	17°♐27'37	
direct	-3615 Jan 23 j 12:52	14°♐59'01	
desc. node	-3615 Feb 03 j 02:07	19°♐36'32	
morning max el	-3615 Feb 06 j 13:40	22°♐43'26	27°40'19
	-3615 Feb 13 j 01:36	0°♑	
	-3615 Mar 04 j 09:13	0°♒	
morning set	-3615 Mar 11 j 09:36	13°♒38'44	
max. Earth dist.	-3615 Mar 17 j 09:54	26°♒20'06	1.32730 AU
superior conj	-3615 Mar 18 j 18:10	29°♒15'06	0°-21'-35
minimum elong	-3615 Mar 18 j 19:09	29°♒20'25	0°21'28
	-3615 Mar 19 j 02:26	0°♓	
asc. node	-3615 Mar 20 j 20:01	3°♓46'32	
evening rise	-3615 Mar 25 j 18:49	14°♓25'34	
	-3615 Apr 02 j 15:55	0°♈	
evening max el	-3615 Apr 20 j 08:11	24°♈52'47	24°39'13
	-3615 Apr 27 j 03:33	0°♉	
desc. node	-3615 May 02 j 00:58	1°♉44'54	
retrograde	-3615 May 04 j 07:41	1°♉56'57	
evening set	-3615 May 09 j 02:13	1°♉05'17	
	-3615 May 11 j 14:36	30°℞♈	
min. Earth dist.	-3615 May 14 j 20:15	28°♈08'05	0.57049 AU
inferior conj	-3615 May 17 j 16:24	26°♈17'10	-3°-41'-12
minimum elong	-3615 May 17 j 11:09	26°♈25'46	3°40'10
morning rise	-3615 May 26 j 00:15	22°♈09'18	
direct	-3615 May 28 j 11:39	21°♈52'06	
morning max el	-3615 Jun 06 j 16:25	26°♈08'53	19°21'07
	-3615 Jun 10 j 04:28	0°♉	
asc. node	-3615 Jun 16 j 19:35	10°♉07'39	
morning set	-3615 Jun 23 j 18:49	23°♉21'21	
	-3615 Jun 27 j 02:34	0°♊	
superior conj	-3615 Jul 02 j 01:11	9°♊47'31	1°46'54
minimum elong	-3615 Jul 01 j 23:56	9°♊41'28	1°46'59
max. Earth dist.	-3615 Jul 08 j 05:09	21°♊29'38	1.37899 AU
evening rise	-3615 Jul 12 j 02:41	28°♊31'12	
	-3615 Jul 12 j 22:54	0°♋	
desc. node	-3615 Jul 29 j 00:00	25°♋46'20	
	-3615 Jul 31 j 22:14	0°♌	
evening max el	-3615 Aug 16 j 21:34	19°♌46'17	25°02'08
retrograde	-3615 Aug 28 j 15:16	26°♌35'58	
evening set	-3615 Sep 03 j 09:00	24°♌09'44	
min. Earth dist.	-3615 Sep 07 j 21:56	19°♌00'26	0.67042 AU
inferior conj	-3615 Sep 08 j 19:17	17°♌50'00	-1°-20'-9
minimum elong	-3615 Sep 08 j 21:10	17°♌43'47	1°19'18
asc. node	-3615 Sep 12 j 18:43	13°♌05'59	
morning rise	-3615 Sep 14 j 09:46	11°♌45'42	
direct	-3615 Sep 17 j 21:41	10°♌34'54	
morning max el	-3615 Sep 25 j 10:35	14°♌56'16	19°53'09
greatest brilliancy	-3615 Oct 03 j 04:30	24°♌36'59	-0.6m
	-3615 Oct 06 j 22:10	0°♍	
morning set	-3615 Oct 21 j 03:30	21°♍39'04	
desc. node	-3615 Oct 24 j 23:37	27°♍37'13	
	-3615 Oct 26 j 12:10	0°♎	
max. Earth dist.	-3615 Nov 02 j 04:09	10°♎31'19	1.44035 AU
superior conj	-3615 Nov 06 j 20:10	18°♎01'00	-1°-16'-1
minimum elong	-3615 Nov 06 j 13:02	17°♎32'08	1°15'19
	-3615 Nov 14 j 03:11	0°♏	
evening rise	-3615 Nov 20 j 10:03	10°♏36'22	
	-3615 Dec 02 j 01:21	0°♐	
evening max el	-3615 Dec 08 j 15:54	8°♐43'26	18°17'07
asc. node	-3615 Dec 09 j 17:40	9°♐44'37	
retrograde	-3615 Dec 15 j 04:54	12°♐15'58	
evening set	-3615 Dec 18 j 00:20	11°♐34'22	
inferior conj	-3615 Dec 24 j 05:25	6°♐09'18	3°44'02
minimum elong	-3615 Dec 24 j 02:53	6°♐16'18	3°43'32
min. Earth dist.	-3615 Dec 26 j 14:33	3°♐32'14	0.63522 AU
morning rise	-3615 Dec 30 j 03:49	0°♐09'55	
	-3615 Dec 30 j 08:54	30°℞♏	
direct	-3614 Jan 06 j 04:14	27°♏22'57	
	-3614 Jan 13 j 16:30	0°♐	
morning max el	-3614 Jan 19 j 20:57	5°♐07'47	27°36'40
desc. node	-3614 Jan 20 j 23:10	6°♐14'09	
	-3614 Feb 07 j 18:19	0°♑	
morning set	-3614 Feb 23 j 08:24	27°♑53'33	
	-3614 Feb 24 j 09:38	0°♒	
max. Earth dist.	-3614 Feb 28 j 15:25	8°♒45'37	1.33299 AU
superior conj	-3614 Mar 03 j 02:12	13°♒58'08	0°-46'-34
minimum elong	-3614 Mar 03 j 04:16	14°♒09'10	0°46'18
asc. node	-3614 Mar 07 j 17:01	23°♒53'41	
evening rise	-3614 Mar 10 j 06:24	29°♒19'42	
	-3614 Mar 10 j 14:05	0°♓	
	-3614 Mar 27 j 23:42	0°♈	
evening max el	-3614 Apr 02 j 00:19	5°♈35'29	23°05'38
retrograde	-3614 Apr 15 j 09:20	12°♈11'12	
evening set	-3614 Apr 18 j 20:18	11°♈45'05	
desc. node	-3614 Apr 18 j 22:04	11°♈43'59	
min. Earth dist.	-3614 Apr 26 j 10:45	8°♈21'09	0.55694 AU
inferior conj	-3614 Apr 28 j 01:26	7°♈24'42	-2°-24'-52
minimum elong	-3614 Apr 27 j 19:44	7°♈33'03	2°23'12
morning rise	-3614 May 06 j 22:05	3°♈27'25	
direct	-3614 May 09 j 11:21	3°♈11'42	
morning max el	-3614 May 20 j 06:53	8°♈13'53	20°29'53
asc. node	-3614 Jun 03 j 16:36	29°♈23'55	
	-3614 Jun 04 j 00:07	0°♉	
morning set	-3614 Jun 08 j 00:02	7°♉56'53	
superior conj	-3614 Jun 15 j 17:20	23°♉48'28	1°37'34
minimum elong	-3614 Jun 15 j 15:00	23°♉36'35	1°37'28
	-3614 Jun 18 j 19:28	0°♊	
max. Earth dist.	-3614 Jun 20 j 11:35	3°♊16'37	1.36145 AU
evening rise	-3614 Jun 24 j 15:41	11°♊11'44	
	-3614 Jul 05 j 12:01	0°♋	
desc. node	-3614 Jul 15 j 21:03	15°♋41'43	
	-3614 Jul 27 j 04:13	0°♌	
evening max el	-3614 Jul 30 j 08:36	3°♌18'45	26°10'07
retrograde	-3614 Aug 11 j 22:40	10°♌28'42	
evening set	-3614 Aug 18 j 06:56	7°♌48'24	
min. Earth dist.	-3614 Aug 22 j 11:35	3°♌17'07	0.66365 AU
inferior conj	-3614 Aug 23 j 20:42	1°♌33'44	-2°-11'-42
minimum elong	-3614 Aug 23 j 23:42	1°♌24'23	2°10'30
	-3614 Aug 25 j 03:10	30°℞♋	
morning rise	-3614 Aug 29 j 17:14	25°♋40'07	
asc. node	-3614 Aug 30 j 15:49	25°♋11'35	
direct	-3614 Sep 01 j 19:56	24°♋44'28	
morning max el	-3614 Sep 08 j 18:00	28°♋38'32	18°58'45
	-3614 Sep 10 j 00:13	0°♌	
	-3614 Sep 30 j 06:01	0°♍	
morning set	-3614 Sep 30 j 16:11	0°♍40'10	
desc. node	-3614 Oct 11 j 20:36	18°♍18'08	
max. Earth dist.	-3614 Oct 15 j 20:42	24°♍36'33	1.44765 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3614 Oct 17 j 01:56	26°♍31'54	0°-32'-49
minimum elong	-3614 Oct 16 j 21:44	26°♍15'17	0°32'16
	-3614 Oct 19 j 06:36	0°♎	
evening rise	-3614 Nov 01 j 13:43	21°♎17'40	
	-3614 Nov 06 j 22:21	0°♏	
evening max el	-3614 Nov 22 j 03:43	22°♏07'36	18°44'28
asc. node	-3614 Nov 26 j 14:45	25°♏26'21	
retrograde	-3614 Nov 28 j 21:25	25°♏54'52	
evening set	-3614 Dec 01 j 22:05	25°♏02'53	
inferior conj	-3614 Dec 07 j 19:30	19°♏20'03	3°13'41
minimum elong	-3614 Dec 07 j 16:23	19°♏29'27	3°12'50
min. Earth dist.	-3614 Dec 09 j 13:46	17°♏12'37	0.64996 AU
morning rise	-3614 Dec 13 j 09:36	13°♏12'33	
direct	-3614 Dec 20 j 02:13	10°♏22'31	
morning max el	-3613 Jan 02 j 06:23	17°♏59'40	27°00'02
desc. node	-3613 Jan 07 j 20:12	24°♏09'35	
	-3613 Jan 12 j 10:20	0°♐	
	-3613 Jan 31 j 15:32	0°♑	
morning set	-3613 Feb 06 j 21:27	11°♑34'25	
max. Earth dist.	-3613 Feb 11 j 11:29	20°♑38'27	1.34292 AU
superior conj	-3613 Feb 15 j 05:30	28°♑22'22	-1°-10'-10
minimum elong	-3613 Feb 15 j 08:24	28°♑37'29	1°09'51
	-3613 Feb 16 j 00:09	0°♒	
evening rise	-3613 Feb 22 j 16:32	14°♒04'16	
asc. node	-3613 Feb 22 j 14:01	13°♒51'16	
	-3613 Mar 02 j 21:19	0°♓	
evening max el	-3613 Mar 14 j 21:25	16°♓28'10	21°34'06
retrograde	-3613 Mar 27 j 00:27	22°♓18'44	
evening set	-3613 Mar 29 j 14:37	22°♓03'35	
desc. node	-3613 Apr 05 j 19:10	19°♓12'56	
inferior conj	-3613 Apr 07 j 22:02	18°♓02'24	0°-35'-20
minimum elong	-3613 Apr 07 j 20:23	18°♓04'44	0°34'49
min. Earth dist.	-3613 Apr 08 j 00:35	17°♓58'50	0.55153 AU
morning rise	-3613 Apr 17 j 02:27	14°♓00'42	
direct	-3613 Apr 20 j 00:14	13°♓42'05	
morning max el	-3613 May 02 j 10:25	19°♓36'51	21°56'27
	-3613 May 10 j 22:08	0°♈	
asc. node	-3613 May 21 j 13:37	19°♈03'13	
morning set	-3613 May 23 j 09:26	22°♈47'49	
	-3613 May 26 j 19:50	0°♉	
superior conj	-3613 May 30 j 18:04	8°♉16'58	1°22'39
minimum elong	-3613 May 30 j 15:24	8°♉02'58	1°22'23
max. Earth dist.	-3613 Jun 03 j 03:09	15°♉16'28	1.34715 AU
evening rise	-3613 Jun 07 j 21:11	24°♉42'56	
	-3613 Jun 10 j 16:03	0°♊	
	-3613 Jun 29 j 00:04	0°♋	
desc. node	-3613 Jul 02 j 18:06	5°♋07'09	
evening max el	-3613 Jul 12 j 20:08	16°♋45'45	26°59'45
retrograde	-3613 Jul 26 j 00:50	24°♋06'02	
evening set	-3613 Aug 01 j 21:11	21°♋19'12	
min. Earth dist.	-3613 Aug 05 j 18:16	17°♋26'40	0.65318 AU
inferior conj	-3613 Aug 07 j 16:35	15°♋12'48	-2°-59'-16
minimum elong	-3613 Aug 07 j 20:19	15°♋01'59	2°58'01
morning rise	-3613 Aug 13 j 20:41	9°♋33'20	
direct	-3613 Aug 16 j 16:29	8°♋49'36	
asc. node	-3613 Aug 17 j 12:55	8°♋53'34	
morning max el	-3613 Aug 23 j 06:21	12°♋25'07	18°20'38
	-3613 Sep 04 j 14:43	0°♌	
morning set	-3613 Sep 11 j 07:35	11°♌00'02	
	-3613 Sep 23 j 00:50	0°♍	
superior conj	-3613 Sep 26 j 02:18	4°♍52'17	0°16'46
minimum elong	-3613 Sep 26 j 04:26	5°♍00'42	0°16'32
max. Earth dist.	-3613 Sep 28 j 15:19	8°♍53'34	1.44765 AU
desc. node	-3613 Sep 28 j 17:35	9°♍02'32	
	-3613 Oct 12 j 02:14	0°♎	
evening rise	-3613 Oct 12 j 16:41	0°♎56'31	
greatest brilliancy	-3613 Oct 27 j 11:18	23°♎44'10	-0.7m
	-3613 Oct 31 j 21:22	0°♏	
evening max el	-3613 Nov 05 j 12:15	5°♏33'58	19°28'32
retrograde	-3613 Nov 12 j 17:38	9°♏44'50	
asc. node	-3613 Nov 13 j 11:51	9°♏41'31	
evening set	-3613 Nov 16 j 01:27	8°♏40'13	
inferior conj	-3613 Nov 21 j 17:09	2°♏42'41	2°33'53
minimum elong	-3613 Nov 21 j 14:11	2°♏52'15	2°32'52
min. Earth dist.	-3613 Nov 22 j 21:41	1°♏10'33	0.66110 AU
	-3613 Nov 23 j 20:04	30°℞♎	
morning rise	-3613 Nov 27 j 02:11	26°♎29'19	
direct	-3613 Dec 03 j 06:01	23°♎48'28	
	-3613 Dec 14 j 12:24	0°♏	
morning max el	-3613 Dec 15 j 15:52	1°♏06'57	25°57'20
desc. node	-3613 Dec 25 j 17:14	12°♏59'19	
	-3612 Jan 06 j 11:14	0°♐	
morning set	-3612 Jan 20 j 20:24	24°♐27'23	
	-3612 Jan 23 j 19:19	0°♑	
max. Earth dist.	-3612 Jan 24 j 19:58	1°♑58'13	1.35733 AU
superior conj	-3612 Jan 30 j 01:30	12°♑18'54	-1°-30'-56
minimum elong	-3612 Jan 30 j 04:43	12°♑35'09	1°30'42
evening rise	-3612 Feb 06 j 23:14	28°♑31'45	
	-3612 Feb 07 j 16:34	0°♒	
asc. node	-3612 Feb 09 j 11:03	3°♒33'23	
evening max el	-3612 Feb 25 j 03:54	27°♒49'49	20°15'02
	-3612 Feb 27 j 18:13	0°♓	
retrograde	-3612 Mar 06 j 15:29	2°♓48'55	
evening set	-3612 Mar 08 j 22:31	2°♓35'37	
	-3612 Mar 15 j 10:06	30°℞♒	
inferior conj	-3612 Mar 17 j 19:27	28°♒36'36	1°19'36
minimum elong	-3612 Mar 17 j 22:48	28°♒31'36	1°18'26
min. Earth dist.	-3612 Mar 19 j 14:35	27°♒32'27	0.55538 AU
desc. node	-3612 Mar 22 j 16:16	25°♒51'00	
morning rise	-3612 Mar 26 j 20:39	24°♒12'43	
direct	-3612 Mar 30 j 14:19	23°♒42'14	
	-3612 Apr 12 j 18:28	0°♓	
morning max el	-3612 Apr 13 j 05:08	0°♓24'58	23°34'23
	-3612 May 03 j 01:19	0°♈	
morning set	-3612 May 06 j 21:07	7°♈47'39	
asc. node	-3612 May 07 j 10:39	8°♈58'43	
superior conj	-3612 May 14 j 00:31	23°♈03'56	1°03'41
minimum elong	-3612 May 13 j 22:06	22°♈50'59	1°03'20
max. Earth dist.	-3612 May 16 j 04:23	27°♈40'19	1.33647 AU
	-3612 May 17 j 06:54	0°♉	
evening rise	-3612 May 21 j 14:32	8°♉51'01	
	-3612 Jun 02 j 02:34	0°♊	
desc. node	-3612 Jun 18 j 15:09	23°♊50'04	
	-3612 Jun 24 j 08:32	0°♋	
evening max el	-3612 Jun 24 j 06:52	29°♊56'00	27°23'53
retrograde	-3612 Jul 07 j 21:30	7°♋19'46	
evening set	-3612 Jul 15 j 00:44	4°♋37'43	
min. Earth dist.	-3612 Jul 18 j 16:05	1°♋20'28	0.63886 AU
	-3612 Jul 19 j 23:01	30°℞♊	
inferior conj	-3612 Jul 21 j 04:25	28°♊42'20	-3°-40'-1
minimum elong	-3612 Jul 21 j 08:12	28°♊32'22	3°39'04
morning rise	-3612 Jul 27 j 17:31	23°♊20'13	
direct	-3612 Jul 30 j 08:39	22°♊45'32	
asc. node	-3612 Aug 03 j 10:01	24°♊07'47	
morning max el	-3612 Aug 05 j 21:12	26°♊11'17	17°59'50
	-3612 Aug 09 j 03:09	0°♋	
morning set	-3612 Aug 23 j 01:12	22°♋34'55	
	-3612 Aug 27 j 09:03	0°♌	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3612 Sep 04 j 19:24	14°♌04'58	1°00'00
minimum elong	-3612 Sep 05 j 01:01	14°♌27'56	0°59'26
max. Earth dist.	-3612 Sep 10 j 08:07	23°♌01'27	1.44047 AU
desc. node	-3612 Sep 14 j 14:34	29°♌47'31	
	-3612 Sep 14 j 17:45	0°♍	
evening rise	-3612 Sep 21 j 00:48	9°♍48'23	
	-3612 Oct 04 j 08:28	0°♎	
greatest brilliancy	-3612 Oct 12 j 07:34	11°♎20'20	-0.5m
evening max el	-3612 Oct 18 j 15:38	19°♎00'39	20°27'30
retrograde	-3612 Oct 26 j 15:02	23°♎42'42	
evening set	-3612 Oct 30 j 08:09	22°♎23'01	
asc. node	-3612 Oct 30 j 08:58	22°♎21'32	
inferior conj	-3612 Nov 04 j 19:51	16°♎14'16	1°47'39
minimum elong	-3612 Nov 04 j 17:33	16°♎22'00	1°46'44
min. Earth dist.	-3612 Nov 05 j 12:16	15°♎18'50	0.66875 AU
morning rise	-3612 Nov 10 j 02:28	9°♎57'34	
direct	-3612 Nov 15 j 15:21	7°♎33'42	
morning max el	-3612 Nov 27 j 00:39	14°♎20'47	24°37'48
	-3612 Dec 09 j 19:53	0°♏	
desc. node	-3612 Dec 11 j 14:16	2°♏27'51	
	-3612 Dec 29 j 08:06	0°♐	
morning set	-3611 Jan 01 j 23:45	6°♐17'41	
max. Earth dist.	-3611 Jan 05 j 18:32	13°♐03'49	1.37572 AU
superior conj	-3611 Jan 12 j 11:01	25°♐39'14	-1°-46'-48
minimum elong	-3611 Jan 12 j 13:39	25°♐52'03	1°46'46
	-3611 Jan 14 j 16:22	0°♑	
evening rise	-3611 Jan 21 j 00:21	12°♑36'18	
asc. node	-3611 Jan 26 j 08:05	22°♑54'27	
	-3611 Jan 30 j 09:28	0°♒	
evening max el	-3611 Feb 06 j 21:01	9°♒47'45	19°13'51
retrograde	-3611 Feb 15 j 18:14	14°♒02'06	
evening set	-3611 Feb 18 j 02:16	13°♒45'49	
inferior conj	-3611 Feb 26 j 06:43	9°♒35'02	2°49'39
minimum elong	-3611 Feb 26 j 11:39	9°♒26'39	2°48'20
min. Earth dist.	-3611 Mar 01 j 05:43	7°♒35'32	0.56768 AU
morning rise	-3611 Mar 06 j 17:13	4°♒40'28	
desc. node	-3611 Mar 09 j 13:23	3°♒54'12	
direct	-3611 Mar 11 j 15:46	3°♒43'49	
morning max el	-3611 Mar 25 j 20:06	10°♒59'32	25°11'39
	-3611 Apr 09 j 07:05	0°♓	
morning set	-3611 Apr 21 j 09:18	22°♓49'56	
asc. node	-3611 Apr 24 j 07:39	29°♓04'48	
	-3611 Apr 24 j 17:52	0°♈	
superior conj	-3611 Apr 28 j 10:27	8°♈01'35	0°41'49
minimum elong	-3611 Apr 28 j 08:42	7°♈52'06	0°41'29
max. Earth dist.	-3611 Apr 29 j 12:59	10°♈25'38	1.32944 AU
evening rise	-3611 May 05 j 16:08	23°♈24'22	
	-3611 May 08 j 23:10	0°♉	
	-3611 May 26 j 22:09	0°♊	
desc. node	-3611 Jun 05 j 12:13	11°♊32'07	
evening max el	-3611 Jun 06 j 14:38	12°♊36'57	27°17'13
retrograde	-3611 Jun 20 j 11:55	19°♊59'56	
evening set	-3611 Jun 27 j 13:43	17°♊36'55	
min. Earth dist.	-3611 Jul 01 j 04:04	14°♊45'28	0.62106 AU
inferior conj	-3611 Jul 04 j 05:08	11°♊55'11	-4°-9'-41
minimum elong	-3611 Jul 04 j 07:52	11°♊48'48	4°09'15
morning rise	-3611 Jul 11 j 04:36	6°♊53'04	
direct	-3611 Jul 13 j 17:04	6°♊25'05	
morning max el	-3611 Jul 20 j 11:43	9°♊50'08	17°57'14
asc. node	-3611 Jul 21 j 07:06	10°♊39'53	
	-3611 Aug 02 j 19:03	0°♋	
morning set	-3611 Aug 05 j 15:50	5°♋09'47	
superior conj	-3611 Aug 16 j 15:34	24°♋37'49	1°29'41
minimum elong	-3611 Aug 16 j 20:23	24°♋58'31	1°29'24
	-3611 Aug 19 j 19:24	0°♌	
max. Earth dist.	-3611 Aug 23 j 20:02	6°♌40'53	1.42719 AU
evening rise	-3611 Aug 31 j 06:38	18°♌36'19	
desc. node	-3611 Sep 01 j 11:33	20°♌29'23	
	-3611 Sep 07 j 16:12	0°♍	
greatest brilliancy	-3611 Sep 26 j 13:43	26°♍44'57	-0.4m
	-3611 Sep 29 j 06:50	0°♎	
evening max el	-3611 Oct 01 j 12:51	2°♎26'21	21°38'36
retrograde	-3611 Oct 10 j 11:28	7°♎45'02	
evening set	-3611 Oct 14 j 16:08	6°♎07'48	
asc. node	-3611 Oct 17 j 06:05	3°♎32'57	
	-3611 Oct 19 j 23:00	30°℞♍	
inferior conj	-3611 Oct 20 j 01:27	29°♍51'34	0°57'10
minimum elong	-3611 Oct 20 j 00:09	29°♍56'01	0°56'37
min. Earth dist.	-3611 Oct 20 j 07:02	29°♍32'17	0.67315 AU
morning rise	-3611 Oct 25 j 07:53	23°♍34'22	
direct	-3611 Oct 30 j 05:27	21°♍31'25	
morning max el	-3611 Nov 09 j 10:13	27°♍36'43	23°11'24
	-3611 Nov 11 j 15:55	0°♎	
greatest brilliancy	-3611 Nov 14 j 13:46	3°♎24'38	-0.3m
desc. node	-3611 Nov 28 j 11:16	22°♎23'35	
	-3611 Dec 03 j 12:41	0°♏	
morning set	-3611 Dec 14 j 01:20	16°♏49'35	
max. Earth dist.	-3611 Dec 18 j 13:55	24°♏30'29	1.39633 AU
	-3611 Dec 21 j 17:04	0°♐	
superior conj	-3611 Dec 26 j 05:46	8°♐12'24	-1°-55'-2
minimum elong	-3611 Dec 26 j 06:30	8°♐15'48	1°55'10
evening rise	-3610 Jan 04 j 17:13	26°♐11'15	
	-3610 Jan 06 j 17:03	0°♑	
asc. node	-3610 Jan 13 j 05:07	11°♑47'33	
evening max el	-3610 Jan 20 j 23:15	22°♑18'39	18°32'31
retrograde	-3610 Jan 28 j 15:00	26°♑02'52	
evening set	-3610 Jan 31 j 02:10	25°♑40'56	
inferior conj	-3610 Feb 07 j 14:06	21°♑10'36	3°42'21
minimum elong	-3610 Feb 07 j 17:14	21°♑04'25	3°41'48
min. Earth dist.	-3610 Feb 10 j 23:30	18°♑31'37	0.58568 AU
morning rise	-3610 Feb 15 j 04:40	15°♑49'45	
direct	-3610 Feb 21 j 06:43	14°♑15'35	
desc. node	-3610 Feb 24 j 10:29	14°♑40'28	
morning max el	-3610 Mar 07 j 13:11	21°♑48'21	26°33'12
	-3610 Mar 14 j 17:53	0°♒	
	-3610 Apr 02 j 00:13	0°♓	
morning set	-3610 Apr 05 j 20:22	7°♓48'43	
asc. node	-3610 Apr 11 j 04:38	19°♓16'58	
superior conj	-3610 Apr 12 j 22:02	23°♓03'27	0°17'59
minimum elong	-3610 Apr 12 j 21:14	22°♓59'08	0°17'48
max. Earth dist.	-3610 Apr 13 j 01:41	23°♓23'29	1.32591 AU
	-3610 Apr 16 j 02:25	0°♈	
evening rise	-3610 Apr 19 j 23:13	8°♈13'50	
	-3610 May 01 j 10:19	0°♉	
evening max el	-3610 May 19 j 17:19	24°♉39'11	26°37'40
desc. node	-3610 May 23 j 09:17	27°♉47'50	
	-3610 May 26 j 18:28	0°♊	
retrograde	-3610 Jun 02 j 18:38	1°♊58'21	
evening set	-3610 Jun 09 j 07:54	0°♊07'44	
	-3610 Jun 09 j 13:26	30°℞♉	
min. Earth dist.	-3610 Jun 13 j 06:44	27°♉27'00	0.60100 AU
inferior conj	-3610 Jun 16 j 15:15	24°♉43'08	-4°-21'-39
minimum elong	-3610 Jun 16 j 15:26	24°♉42'45	4°21'32
morning rise	-3610 Jun 24 j 02:20	20°♉02'45	
direct	-3610 Jun 26 j 13:51	19°♉39'41	
morning max el	-3610 Jul 03 j 23:02	23°♉14'26	18°13'52
asc. node	-3610 Jul 08 j 04:10	28°♉14'30	
	-3610 Jul 09 j 09:18	0°♊	
morning set	-3610 Jul 19 j 22:13	18°♊31'34	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3610 Jul 26 j 00:56	0°♋	
superior conj	-3610 Jul 29 j 13:41	6°♋28'20	1°45'13
minimum elong	-3610 Jul 29 j 15:55	6°♋38'26	1°45'16
max. Earth dist.	-3610 Aug 06 j 02:30	19°♋41'38	1.40964 AU
evening rise	-3610 Aug 11 j 05:22	28°♋13'07	
	-3610 Aug 12 j 07:41	0°♌	
desc. node	-3610 Aug 19 j 08:30	11°♌04'46	
	-3610 Sep 01 j 07:19	0°♍	
greatest brilliancy	-3610 Sep 09 j 02:15	10°♍10'22	-0.3m
evening max el	-3610 Sep 14 j 04:31	15°♍52'39	22°57'24
retrograde	-3610 Sep 24 j 05:25	21°♍49'32	
evening set	-3610 Sep 28 j 23:39	19°♍53'00	
inferior conj	-3610 Oct 04 j 08:07	13°♍32'45	0°04'13
minimum elong	-3610 Oct 04 j 08:00	13°♍33'07	0°04'13
transit middle	-3610 Oct 04 j 08:00	13°♍33'07	0°04'13
transit begin	-3610 Oct 04 j 05:24	13°♍42'06	
transit end	-3610 Oct 04 j 10:37	13°♍24'07	
min. Earth dist.	-3610 Oct 04 j 03:26	13°♍48'53	0.67453 AU
asc. node	-3610 Oct 04 j 03:12	13°♍49'40	
morning rise	-3610 Oct 09 j 16:19	7°♍18'15	
direct	-3610 Oct 13 j 23:28	5°♍36'57	
morning max el	-3610 Oct 22 j 23:51	10°♍57'28	21°46'57
greatest brilliancy	-3610 Oct 27 j 22:32	16°♍36'32	-0.4m
	-3610 Nov 06 j 19:12	0°♎	
desc. node	-3610 Nov 15 j 08:14	12°♎38'27	
morning set	-3610 Nov 23 j 22:06	25°♎58'09	
	-3610 Nov 26 j 10:25	0°♏	
max. Earth dist.	-3610 Nov 30 j 14:04	6°♏47'57	1.41648 AU
superior conj	-3610 Dec 08 j 04:20	19°♏44'10	-1°-52'-5
minimum elong	-3610 Dec 08 j 01:42	19°♏32'39	1°52'07
	-3610 Dec 13 j 22:34	0°♐	
evening rise	-3610 Dec 18 j 22:28	9°♐08'41	
asc. node	-3610 Dec 31 j 02:10	0°♑03'17	
	-3610 Dec 31 j 01:15	0°♑	
evening max el	-3609 Jan 04 j 07:47	5°♑13'35	18°11'12
retrograde	-3609 Jan 11 j 05:23	8°♑43'16	
evening set	-3609 Jan 13 j 19:29	8°♑14'27	
inferior conj	-3609 Jan 20 j 17:16	3°♑21'51	4°01'26
minimum elong	-3609 Jan 20 j 17:38	3°♑21'01	4°01'17
min. Earth dist.	-3609 Jan 23 j 22:36	0°♑26'47	0.60588 AU
	-3609 Jan 24 j 11:07	30°℞♐	
morning rise	-3609 Jan 27 j 13:02	27°♐42'03	
direct	-3609 Feb 03 j 08:37	25°♐30'44	
desc. node	-3609 Feb 11 j 07:34	28°♐09'47	
	-3609 Feb 13 j 21:37	0°♑	
morning max el	-3609 Feb 17 j 12:05	3°♑11'26	27°26'00
	-3609 Mar 09 j 04:35	0°♒	
morning set	-3609 Mar 21 j 04:25	22°♒36'20	
	-3609 Mar 24 j 16:37	0°♓	
max. Earth dist.	-3609 Mar 27 j 14:47	6°♓19'55	1.32582 AU
superior conj	-3609 Mar 28 j 09:32	8°♓02'19	0°-7'00
minimum elong	-3609 Mar 28 j 09:51	8°♓04'04	0°07'01
behind sun begin	-3609 Mar 28 j 05:19	7°♓39'16	
behind sun end	-3609 Mar 28 j 14:23	8°♓28'53	
asc. node	-3609 Mar 29 j 01:36	9°♓30'09	
evening rise	-3609 Apr 04 j 09:30	23°♓10'17	
	-3609 Apr 07 j 17:16	0°♈	
	-3609 Apr 26 j 02:56	0°♉	
evening max el	-3609 May 01 j 13:38	5°♉58'36	25°28'35
desc. node	-3609 May 10 j 06:22	12°♉02'38	
retrograde	-3609 May 15 j 15:19	13°♉10'10	
evening set	-3609 May 21 j 04:13	11°♉58'00	
min. Earth dist.	-3609 May 26 j 01:56	9°♉11'13	0.58090 AU
inferior conj	-3609 May 29 j 07:06	6°♉55'30	-4°-6'-26
minimum elong	-3609 May 29 j 03:40	7°♉01'36	4°05'57
morning rise	-3609 Jun 06 j 07:05	2°♉36'46	
direct	-3609 Jun 08 j 18:36	2°♉17'34	
morning max el	-3609 Jun 17 j 04:14	6°♉14'31	18°50'43
asc. node	-3609 Jun 25 j 01:11	16°♉36'57	
	-3609 Jul 02 j 09:27	0°♊	
morning set	-3609 Jul 03 j 15:58	2°♊28'29	
superior conj	-3609 Jul 12 j 08:18	19°♊21'17	1°48'59
minimum elong	-3609 Jul 12 j 08:05	19°♊20'20	1°49'07
	-3609 Jul 18 j 02:06	0°♋	
max. Earth dist.	-3609 Jul 19 j 05:06	2°♋01'09	1.39010 AU
evening rise	-3609 Jul 23 j 05:46	9°♋03'55	
	-3609 Aug 05 j 05:44	0°♌	
desc. node	-3609 Aug 06 j 05:29	1°♌29'23	
evening max el	-3609 Aug 27 j 16:29	29°♌21'24	24°17'55
	-3609 Aug 28 j 08:17	0°♍	
retrograde	-3609 Sep 07 j 19:49	5°♍53'34	
evening set	-3609 Sep 13 j 04:59	3°♍37'27	
	-3609 Sep 16 j 12:53	30°℞♌	
min. Earth dist.	-3609 Sep 17 j 23:02	28°♌07'35	0.67286 AU
inferior conj	-3609 Sep 18 j 14:08	27°♌16'43	0°-49'-30
minimum elong	-3609 Sep 18 j 15:18	27°♌12'47	0°48'56
asc. node	-3609 Sep 21 j 00:18	24°♌08'21	
morning rise	-3609 Sep 24 j 01:52	21°♌07'58	
direct	-3609 Sep 27 j 20:14	19°♌46'52	
morning max el	-3609 Oct 05 j 20:21	24°♌27'11	20°31'11
	-3609 Oct 10 j 14:41	0°♍	
greatest brilliancy	-3609 Oct 12 j 05:14	2°♍05'59	-0.5m
	-3609 Oct 31 j 04:44	0°♎	
desc. node	-3609 Nov 02 j 05:11	3°♎06'54	
morning set	-3609 Nov 02 j 22:32	4°♎14'07	
max. Earth dist.	-3609 Nov 12 j 22:02	19°♎59'53	1.43321 AU
superior conj	-3609 Nov 19 j 01:15	0°♏01'46	-1°-34'-7
minimum elong	-3609 Nov 18 j 18:59	29°♎35'45	1°33'41
	-3609 Nov 19 j 00:49	0°♏	
evening rise	-3609 Dec 01 j 12:04	21°♏20'42	
	-3609 Dec 06 j 10:49	0°♐	
asc. node	-3609 Dec 17 j 23:15	17°♐30'31	
evening max el	-3609 Dec 18 j 19:44	18°♐24'40	18°09'27
retrograde	-3609 Dec 25 j 09:25	21°♐53'10	
evening set	-3609 Dec 28 j 02:35	21°♐16'35	
inferior conj	-3608 Jan 03 j 13:01	16°♐02'31	3°55'36
minimum elong	-3608 Jan 03 j 11:15	16°♐07'06	3°55'18
min. Earth dist.	-3608 Jan 06 j 06:20	13°♐13'59	0.62524 AU
morning rise	-3608 Jan 09 j 17:58	10°♐09'03	
direct	-3608 Jan 16 j 19:19	7°♐31'08	
desc. node	-3608 Jan 29 j 04:39	13°♐49'21	
morning max el	-3608 Jan 30 j 17:06	15°♐15'44	27°43'10
	-3608 Feb 11 j 19:16	0°♑	
	-3608 Feb 29 j 17:10	0°♒	
morning set	-3608 Mar 04 j 07:21	7°♒05'37	
max. Earth dist.	-3608 Mar 10 j 00:22	19°♒01'13	1.32931 AU
superior conj	-3608 Mar 11 j 19:20	22°♒52'37	0°-32'-16
minimum elong	-3608 Mar 11 j 20:47	23°♒00'29	0°32'05
asc. node	-3608 Mar 14 j 22:35	29°♒40'35	
	-3608 Mar 15 j 02:10	0°♓	
evening rise	-3608 Mar 18 j 21:08	8°♓06'59	
	-3608 Mar 30 j 10:05	0°♈	
evening max el	-3608 Apr 12 j 05:32	16°♈46'34	23°59'51
retrograde	-3608 Apr 26 j 00:13	23°♈40'50	
desc. node	-3608 Apr 26 j 03:29	23°♈40'47	
evening set	-3608 Apr 30 j 05:05	23°♈01'38	
min. Earth dist.	-3608 May 06 j 17:00	19°♈54'37	0.56392 AU
inferior conj	-3608 May 09 j 02:47	18°♈25'34	-3°-13'-46

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3608 May 08 j 20:47	18°♈34'52	3°12'21
morning rise	-3608 May 17 j 16:22	14°♈24'01	
direct	-3608 May 20 j 04:21	14°♈07'43	
morning max el	-3608 May 30 j 00:41	18°♈41'41	19°48'06
	-3608 Jun 07 j 16:55	0°♉	
asc. node	-3608 Jun 10 j 22:11	5°♉35'55	
morning set	-3608 Jun 16 j 17:43	16°♉51'41	
	-3608 Jun 23 j 05:36	0°♊	
superior conj	-3608 Jun 24 j 17:53	3°♊01'04	1°43'44
minimum elong	-3608 Jun 24 j 16:04	2°♊52'05	1°43'45
max. Earth dist.	-3608 Jun 30 j 08:09	13°♊51'25	1.37114 AU
evening rise	-3608 Jul 04 j 06:43	21°♊07'17	
	-3608 Jul 09 j 08:21	0°♋	
desc. node	-3608 Jul 23 j 02:30	21°♋37'23	
	-3608 Jul 29 j 03:39	0°♌	
evening max el	-3608 Aug 09 j 03:08	12°♌52'22	25°32'47
retrograde	-3608 Aug 21 j 06:01	19°♌52'04	
evening set	-3608 Aug 27 j 06:14	17°♌18'50	
min. Earth dist.	-3608 Aug 31 j 15:28	12°♌25'49	0.66795 AU
inferior conj	-3608 Sep 01 j 17:46	11°♌00'53	-1°-42'-22
minimum elong	-3608 Sep 01 j 20:09	10°♌53'12	1°41'20
asc. node	-3608 Sep 06 j 21:25	5°♌23'57	
morning rise	-3608 Sep 07 j 10:40	5°♌01'04	
direct	-3608 Sep 10 j 18:21	3°♌57'13	
morning max el	-3608 Sep 18 j 00:09	8°♌05'43	19°28'13
greatest brilliancy	-3608 Sep 27 j 06:51	20°♌07'17	-0.7m
	-3608 Oct 03 j 20:00	0°♍	
morning set	-3608 Oct 12 j 00:24	12°♍41'17	
desc. node	-3608 Oct 19 j 02:08	23°♍44'08	
	-3608 Oct 23 j 01:49	0°♎	
max. Earth dist.	-3608 Oct 25 j 12:09	3°♎50'27	1.44431 AU
superior conj	-3608 Oct 28 j 18:59	9°♎03'49	0°-59'-14
minimum elong	-3608 Oct 28 j 12:22	8°♎37'24	0°58'28
	-3608 Nov 10 j 15:30	0°♏	
evening rise	-3608 Nov 12 j 05:22	2°♏37'27	
	-3608 Nov 29 j 18:25	0°♐	
evening max el	-3608 Dec 01 j 08:17	1°♐44'54	18°26'30
asc. node	-3608 Dec 03 j 20:21	3°♐54'53	
retrograde	-3608 Dec 07 j 22:31	5°♐22'57	
evening set	-3608 Dec 10 j 19:53	4°♐37'15	
	-3608 Dec 16 j 01:51	30°℞♏	
inferior conj	-3608 Dec 16 j 21:26	29°♏04'04	3°32'33
minimum elong	-3608 Dec 16 j 18:33	29°♏12'23	3°31'53
min. Earth dist.	-3608 Dec 19 j 00:08	26°♏38'30	0.64193 AU
morning rise	-3608 Dec 22 j 15:51	23°♏00'38	
direct	-3608 Dec 29 j 13:32	20°♏10'46	
morning max el	-3607 Jan 12 j 01:55	27°♏53'58	27°24'44
	-3607 Jan 14 j 02:38	0°♐	
desc. node	-3607 Jan 15 j 01:42	1°♐03'12	
	-3607 Feb 04 j 12:06	0°♑	
morning set	-3607 Feb 16 j 02:28	21°♑07'16	
	-3607 Feb 20 j 12:07	0°♒	
max. Earth dist.	-3607 Feb 21 j 02:23	1°♒13'53	1.33669 AU
superior conj	-3607 Feb 24 j 01:36	7°♒28'00	0°-56'-51
minimum elong	-3607 Feb 24 j 04:04	7°♒41'02	0°56'32
asc. node	-3607 Mar 01 j 19:37	19°♒44'00	
evening rise	-3607 Mar 03 j 08:19	22°♒57'23	
	-3607 Mar 06 j 18:53	0°♓	
evening max el	-3607 Mar 24 j 22:52	27°♓29'28	22°25'38
	-3607 Mar 27 j 21:17	0°♈	
retrograde	-3607 Apr 06 j 21:14	3°♈48'29	
evening set	-3607 Apr 09 j 21:24	3°♈28'35	
desc. node	-3607 Apr 13 j 00:36	2°♈29'17	
	-3607 Apr 17 j 23:25	30°℞♓	
min. Earth dist.	-3607 Apr 18 j 07:07	29°♓49'06	0.55346 AU
inferior conj	-3607 Apr 19 j 05:13	29°♓17'40	-1°-41'-10
minimum elong	-3607 Apr 19 j 00:47	29°♓23'59	1°39'44
morning rise	-3607 Apr 28 j 06:12	25°♓20'55	
direct	-3607 Apr 30 j 21:39	25°♓04'53	
	-3607 May 11 j 21:46	0°♈	
morning max el	-3607 May 12 j 10:37	0°♈29'16	21°04'57
asc. node	-3607 May 28 j 19:12	25°♈02'42	
	-3607 May 31 j 06:31	0°♉	
morning set	-3607 Jun 01 j 00:58	1°♉34'25	
superior conj	-3607 Jun 08 j 14:07	17°♉15'15	1°31'49
minimum elong	-3607 Jun 08 j 11:33	17°♉02'03	1°31'39
max. Earth dist.	-3607 Jun 12 j 17:50	25°♉40'03	1.35482 AU
	-3607 Jun 14 j 22:50	0°♊	
evening rise	-3607 Jun 17 j 03:22	4°♊11'11	
	-3607 Jul 02 j 04:48	0°♋	
desc. node	-3607 Jul 09 j 23:34	11°♋21'29	
evening max el	-3607 Jul 22 j 14:14	26°♋23'00	26°33'57
	-3607 Jul 26 j 18:07	0°♌	
retrograde	-3607 Aug 04 j 11:28	3°♌39'25	
evening set	-3607 Aug 11 j 01:17	0°♌54'56	
	-3607 Aug 12 j 01:36	30°℞♋	
min. Earth dist.	-3607 Aug 15 j 02:27	26°♋40'20	0.65958 AU
inferior conj	-3607 Aug 16 j 17:07	24°♋43'10	-2°-32'-31
minimum elong	-3607 Aug 16 j 20:29	24°♋32'57	2°31'16
morning rise	-3607 Aug 22 j 16:42	18°♋55'16	
asc. node	-3607 Aug 24 j 18:30	18°♋09'50	
direct	-3607 Aug 25 j 16:04	18°♋05'16	
morning max el	-3607 Sep 01 j 10:01	21°♋50'43	18°40'31
	-3607 Sep 07 j 20:04	0°♌	
morning set	-3607 Sep 21 j 23:50	22°♌14'21	
	-3607 Sep 26 j 20:15	0°♍	
desc. node	-3607 Oct 05 j 23:07	14°♍26'58	
superior conj	-3607 Oct 07 j 19:43	17°♍22'40	0°-11'-48
minimum elong	-3607 Oct 07 j 18:10	17°♍16'31	0°11'35
behind sun begin	-3607 Oct 07 j 10:02	16°♍44'30	
behind sun end	-3607 Oct 08 j 02:18	17°♍48'33	
max. Earth dist.	-3607 Oct 08 j 05:33	18°♍01'21	1.44852 AU
	-3607 Oct 15 j 19:56	0°♎	
evening rise	-3607 Oct 23 j 22:29	12°♎51'45	
	-3607 Nov 03 j 17:39	0°♏	
evening max el	-3607 Nov 14 j 18:58	15°♏10'17	19°01'13
asc. node	-3607 Nov 20 j 17:28	19°♏01'23	
retrograde	-3607 Nov 21 j 16:58	19°♏06'47	
evening set	-3607 Nov 24 j 20:20	18°♏09'56	
inferior conj	-3607 Nov 30 j 15:07	12°♏20'34	2°57'45
minimum elong	-3607 Nov 30 j 11:59	12°♏30'19	2°56'47
min. Earth dist.	-3607 Dec 02 j 03:26	10°♏27'26	0.65518 AU
morning rise	-3607 Dec 06 j 02:41	6°♏10'02	
direct	-3607 Dec 12 j 14:18	3°♏22'22	
morning max el	-3607 Dec 25 j 11:36	10°♏53'54	26°35'51
desc. node	-3606 Jan 01 j 22:45	19°♏24'01	
	-3606 Jan 09 j 18:00	0°♐	
	-3606 Jan 28 j 00:20	0°♑	
morning set	-3606 Jan 30 j 10:09	4°♑29'40	
max. Earth dist.	-3606 Feb 03 j 17:21	12°♑50'13	1.34849 AU
superior conj	-3606 Feb 08 j 02:10	21°♑41'26	-1°-19'-28
minimum elong	-3606 Feb 08 j 05:17	21°♑57'29	1°19'09
	-3606 Feb 12 j 01:55	0°♒	
evening rise	-3606 Feb 15 j 17:14	7°♒35'07	
asc. node	-3606 Feb 16 j 16:40	9°♒35'29	
	-3606 Feb 27 j 23:39	0°♓	
evening max el	-3606 Mar 06 j 23:42	8°♓33'11	20°58'32
retrograde	-3606 Mar 18 j 10:48	14°♓01'39	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3606 Mar 20 j 20:10	13°♓48'16	
inferior conj	-3606 Mar 30 j 00:25	9°♓50'27	0°14'49
minimum elong	-3606 Mar 30 j 01:06	9°♓49'28	0°14'32
transit middle	-3606 Mar 30 j 01:06	9°♓49'28	0°14'32
transit begin	-3606 Mar 29 j 23:28	9°♓51'47	
transit end	-3606 Mar 30 j 02:43	9°♓47'09	
desc. node	-3606 Mar 30 j 21:43	9°♓20'05	
min. Earth dist.	-3606 Mar 30 j 21:21	9°♓20'36	0.55198 AU
morning rise	-3606 Apr 08 j 04:56	5°♓40'41	
direct	-3606 Apr 11 j 09:36	5°♓18'26	
morning max el	-3606 Apr 24 j 10:00	11°♓35'51	22°37'20
	-3606 May 07 j 23:10	0°♈	
asc. node	-3606 May 15 j 16:13	14°♈49'20	
morning set	-3606 May 16 j 11:32	16°♈29'32	
	-3606 May 22 j 20:23	0°♉	
superior conj	-3606 May 23 j 17:35	1°♉52'29	1°15'02
minimum elong	-3606 May 23 j 14:58	1°♉38'34	1°14'43
max. Earth dist.	-3606 May 26 j 13:28	7°♉48'36	1.34212 AU
evening rise	-3606 May 31 j 14:26	17°♉59'44	
	-3606 Jun 06 j 23:52	0°♊	
	-3606 Jun 26 j 11:01	0°♋	
desc. node	-3606 Jun 26 j 20:37	0°♋30'31	
evening max el	-3606 Jul 05 j 01:41	9°♋44'19	27°13'38
retrograde	-3606 Jul 18 j 11:30	17°♋07'08	
evening set	-3606 Jul 25 j 11:22	14°♋20'58	
min. Earth dist.	-3606 Jul 29 j 05:43	10°♋43'51	0.64748 AU
inferior conj	-3606 Jul 31 j 09:53	8°♋18'41	-3°-17'-37
minimum elong	-3606 Jul 31 j 13:46	8°♋07'53	3°16'29
morning rise	-3606 Aug 06 j 17:38	2°♋45'58	
direct	-3606 Aug 09 j 11:07	2°♋06'28	
asc. node	-3606 Aug 11 j 15:34	2°♋31'43	
morning max el	-3606 Aug 15 j 23:41	5°♋37'07	18°09'34
	-3606 Sep 01 j 06:13	0°♌	
morning set	-3606 Sep 03 j 02:51	3°♌07'09	
superior conj	-3606 Sep 17 j 00:56	25°♌58'43	0°36'28
minimum elong	-3606 Sep 17 j 05:07	26°♌15'31	0°36'00
	-3606 Sep 19 j 13:22	0°♍	
max. Earth dist.	-3606 Sep 20 j 23:18	2°♍14'45	1.44541 AU
desc. node	-3606 Sep 22 j 20:07	5°♍11'50	
evening rise	-3606 Oct 03 j 15:58	22°♍06'29	
	-3606 Oct 08 j 18:31	0°♎	
greatest brilliancy	-3606 Oct 21 j 10:53	19°♎01'34	-0.6m
evening max el	-3606 Oct 29 j 01:34	28°♎37'31	19°52'01
	-3606 Oct 30 j 11:40	0°♏	
retrograde	-3606 Nov 05 j 13:52	3°♏00'33	
asc. node	-3606 Nov 07 j 14:33	2°♏36'42	
evening set	-3606 Nov 09 j 01:22	1°♏49'55	
	-3606 Nov 11 j 04:13	30°℞♎	
inferior conj	-3606 Nov 14 j 15:12	25°♎47'30	2°14'56
minimum elong	-3606 Nov 14 j 12:28	25°♎56'29	2°13'55
min. Earth dist.	-3606 Nov 15 j 14:28	24°♎30'44	0.66479 AU
morning rise	-3606 Nov 19 j 22:54	19°♎32'29	
direct	-3606 Nov 25 j 20:42	16°♎57'49	
morning max el	-3606 Dec 07 j 20:31	24°♎04'15	25°24'56
	-3606 Dec 13 j 04:42	0°♏	
desc. node	-3606 Dec 19 j 19:47	8°♏32'14	
	-3605 Jan 03 j 03:52	0°♐	
morning set	-3605 Jan 13 j 01:35	16°♐58'41	
max. Earth dist.	-3605 Jan 16 j 20:53	23°♐59'58	1.36474 AU
	-3605 Jan 20 j 00:10	0°♑	
superior conj	-3605 Jan 22 j 18:15	5°♑24'48	-1°-38'-25
minimum elong	-3605 Jan 22 j 21:22	5°♑40'15	1°38'15
evening rise	-3605 Jan 30 j 21:55	21°♑54'15	
asc. node	-3605 Feb 03 j 13:42	29°♑09'52	
	-3605 Feb 04 j 00:07	0°♒	
evening max el	-3605 Feb 17 j 10:58	20°♒11'23	19°46'38
retrograde	-3605 Feb 27 j 05:08	24°♒49'21	
evening set	-3605 Mar 01 j 12:15	24°♒35'07	
inferior conj	-3605 Mar 10 j 02:31	20°♒32'43	2°02'03
minimum elong	-3605 Mar 10 j 07:04	20°♒25'36	2°00'36
min. Earth dist.	-3605 Mar 12 j 11:43	19°♒03'46	0.55978 AU
desc. node	-3605 Mar 17 j 18:49	16°♒20'14	
morning rise	-3605 Mar 18 j 22:38	15°♒56'10	
direct	-3605 Mar 23 j 04:21	15°♒16'10	
morning max el	-3605 Apr 06 j 02:13	22°♒14'44	24°16'34
	-3605 Apr 12 j 21:20	0°♓	
	-3605 Apr 30 j 06:12	0°♈	
morning set	-3605 Apr 30 j 23:39	1°♈31'07	
asc. node	-3605 May 02 j 13:15	4°♈49'59	
superior conj	-3605 May 08 j 01:46	16°♈44'42	0°54'42
minimum elong	-3605 May 07 j 23:35	16°♈32'58	0°54'21
max. Earth dist.	-3605 May 09 j 18:21	20°♈23'05	1.33313 AU
	-3605 May 14 j 08:13	0°♉	
evening rise	-3605 May 15 j 11:43	2°♉20'02	
	-3605 May 30 j 20:46	0°♊	
desc. node	-3605 Jun 13 j 17:39	18°♊49'48	
evening max el	-3605 Jun 17 j 11:42	22°♊44'02	27°25'04
	-3605 Jun 29 j 15:54	0°♋	
retrograde	-3605 Jul 01 j 05:22	0°♋06'55	
	-3605 Jul 02 j 18:08	30°℞♊	
evening set	-3605 Jul 08 j 09:09	27°♊31'33	
min. Earth dist.	-3605 Jul 11 j 23:27	24°♊26'34	0.63169 AU
inferior conj	-3605 Jul 14 j 17:23	21°♊41'46	-3°-54'-19
minimum elong	-3605 Jul 14 j 20:53	21°♊32'59	3°53'35
morning rise	-3605 Jul 21 j 10:42	16°♊27'33	
direct	-3605 Jul 24 j 00:33	15°♊55'50	
asc. node	-3605 Jul 29 j 12:39	18°♊20'20	
morning max el	-3605 Jul 30 j 14:37	19°♊20'04	17°56'23
	-3605 Aug 07 j 10:45	0°♋	
morning set	-3605 Aug 16 j 06:04	15°♋09'04	
	-3605 Aug 24 j 19:29	0°♌	
superior conj	-3605 Aug 28 j 04:56	5°♌43'04	1°14'25
minimum elong	-3605 Aug 28 j 10:37	6°♌06'46	1°13'56
max. Earth dist.	-3605 Sep 03 j 14:40	16°♌13'28	1.43550 AU
desc. node	-3605 Sep 09 j 17:03	25°♌55'26	
	-3605 Sep 12 j 07:44	0°♍	
evening rise	-3605 Sep 12 j 20:32	0°♍49'38	
	-3605 Oct 02 j 11:03	0°♎	
greatest brilliancy	-3605 Oct 06 j 11:40	5°♎26'16	-0.5m
evening max el	-3605 Oct 12 j 02:26	12°♎03'45	20°56'36
retrograde	-3605 Oct 20 j 10:57	17°♎00'22	
evening set	-3605 Oct 24 j 08:49	15°♎33'20	
asc. node	-3605 Oct 25 j 11:39	14°♎36'23	
inferior conj	-3605 Oct 29 j 19:19	9°♎21'05	1°26'38
minimum elong	-3605 Oct 29 j 17:25	9°♎27'35	1°25'51
min. Earth dist.	-3605 Oct 30 j 06:58	8°♎41'19	0.67099 AU
morning rise	-3605 Nov 04 j 01:37	3°♎04'08	
direct	-3605 Nov 09 j 08:01	0°♎48'56	
morning max el	-3605 Nov 20 j 05:13	7°♎18'23	24°01'27
desc. node	-3605 Dec 06 j 16:47	28°♎13'15	
	-3605 Dec 07 j 22:15	0°♏	
morning set	-3605 Dec 25 j 18:38	28°♏16'54	
	-3605 Dec 26 j 18:32	0°♐	
max. Earth dist.	-3605 Dec 29 j 17:30	5°♐11'51	1.38439 AU
superior conj	-3604 Jan 05 j 22:05	18°♐26'44	-1°-51'-25
minimum elong	-3604 Jan 06 j 00:06	18°♐36'20	1°51'29
	-3604 Jan 11 j 21:12	0°♑	
evening rise	-3604 Jan 14 j 19:53	5°♑47'14	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3604 Jan 21 j 10:44	18°♉20'05	
	-3604 Jan 29 j 02:47	0°♒	
evening max el	-3604 Jan 31 j 08:13	2°♒23'57	18°53'43
retrograde	-3604 Feb 08 j 15:24	6°♒23'35	
evening set	-3604 Feb 11 j 00:51	6°♒05'00	
inferior conj	-3604 Feb 18 j 22:01	1°♒46'05	3°16'33
minimum elong	-3604 Feb 19 j 02:28	1°♒38'03	3°15'33
	-3604 Feb 21 j 08:48	30°℞♉	
min. Earth dist.	-3604 Feb 22 j 03:20	29°♉27'38	0.57491 AU
morning rise	-3604 Feb 27 j 00:18	26°♉39'42	
direct	-3604 Mar 03 j 11:21	25°♉28'11	
desc. node	-3604 Mar 03 j 15:56	25°♉28'17	
	-3604 Mar 14 j 10:56	0°♒	
morning max el	-3604 Mar 17 j 17:25	2°♒51'46	25°49'07
	-3604 Apr 06 j 01:03	0°♓	
morning set	-3604 Apr 14 j 11:35	16°♓32'39	
asc. node	-3604 Apr 18 j 10:15	24°♓59'02	
	-3604 Apr 20 j 17:27	0°♈	
superior conj	-3604 Apr 21 j 12:35	1°♈44'32	0°31'54
minimum elong	-3604 Apr 21 j 11:14	1°♈37'05	0°31'36
max. Earth dist.	-3604 Apr 22 j 05:21	3°♈15'57	1.32760 AU
evening rise	-3604 Apr 28 j 15:58	17°♈01'02	
	-3604 May 05 j 06:20	0°♉	
	-3604 May 24 j 21:40	0°♊	
evening max el	-3604 May 29 j 17:33	5°♊09'08	27°04'14
desc. node	-3604 May 30 j 14:43	5°♊58'33	
retrograde	-3604 Jun 12 j 16:24	12°♊30'13	
evening set	-3604 Jun 19 j 14:36	10°♊19'29	
min. Earth dist.	-3604 Jun 23 j 07:04	7°♊34'57	0.61275 AU
inferior conj	-3604 Jun 26 j 12:19	4°♊44'56	-4°-17'-27
minimum elong	-3604 Jun 26 j 14:09	4°♊40'53	4°17'11
	-3604 Jul 03 j 07:45	30°℞♉	
morning rise	-3604 Jul 03 j 16:35	29°♉52'02	
direct	-3604 Jul 06 j 04:38	29°♉26'11	
	-3604 Jul 08 j 23:53	0°♊	
morning max el	-3604 Jul 13 j 04:07	2°♊53'34	18°01'57
asc. node	-3604 Jul 15 j 09:43	5°♊20'43	
morning set	-3604 Jul 29 j 04:00	28°♊05'27	
	-3604 Jul 30 j 04:53	0°♋	
superior conj	-3604 Aug 08 j 12:43	16°♋50'39	1°37'55
minimum elong	-3604 Aug 08 j 16:31	17°♋07'17	1°37'47
max. Earth dist.	-3604 Aug 16 j 00:45	29°♋39'25	1.42009 AU
	-3604 Aug 16 j 05:43	0°♌	
evening rise	-3604 Aug 22 j 07:39	9°♌52'54	
desc. node	-3604 Aug 26 j 14:00	16°♌34'54	
	-3604 Sep 04 j 11:15	0°♍	
greatest brilliancy	-3604 Sep 19 j 03:19	20°♍07'58	-0.3m
evening max el	-3604 Sep 23 j 21:03	25°♍29'05	22°11'30
	-3604 Sep 29 j 12:06	0°♎	
retrograde	-3604 Oct 03 j 06:32	1°♎04'10	
	-3604 Oct 06 j 17:46	30°℞♍	
evening set	-3604 Oct 07 j 16:50	29°♍18'36	
asc. node	-3604 Oct 11 j 08:45	25°♍18'49	
inferior conj	-3604 Oct 13 j 01:34	23°♍00'03	0°34'53
minimum elong	-3604 Oct 13 j 00:45	23°♍02'50	0°34'34
min. Earth dist.	-3604 Oct 13 j 02:39	22°♍56'17	0.67406 AU
morning rise	-3604 Oct 18 j 08:32	16°♍43'49	
direct	-3604 Oct 22 j 23:44	14°♍50'23	
morning max el	-3604 Nov 01 j 16:16	20°♍36'29	22°34'56
greatest brilliancy	-3604 Nov 06 j 08:56	25°♍53'23	-0.3m
	-3604 Nov 09 j 14:57	0°♎	
desc. node	-3604 Nov 22 j 13:46	18°♎17'49	
	-3604 Nov 30 j 04:55	0°♏	
morning set	-3604 Dec 05 j 07:53	8°♏12'28	
max. Earth dist.	-3604 Dec 10 j 14:33	16°♏59'18	1.40513 AU
superior conj	-3604 Dec 18 j 08:54	0°♐35'02	-1°-55'-23
minimum elong	-3604 Dec 18 j 08:21	0°♐32'36	1°55'32
	-3604 Dec 18 j 01:07	0°♐	
evening rise	-3604 Dec 28 j 08:15	19°♐07'15	
	-3603 Jan 03 j 05:03	0°♑	
asc. node	-3603 Jan 07 j 07:46	6°♑58'26	
evening max el	-3603 Jan 13 j 13:22	15°♑05'29	18°20'57
retrograde	-3603 Jan 20 j 20:16	18°♑42'10	
evening set	-3603 Jan 23 j 08:34	18°♑17'32	
inferior conj	-3603 Jan 30 j 14:07	13°♑37'36	3°54'01
minimum elong	-3603 Jan 30 j 16:04	13°♑33'30	3°53'44
min. Earth dist.	-3603 Feb 02 j 23:03	10°♑48'47	0.59419 AU
morning rise	-3603 Feb 06 j 20:17	8°♑07'29	
direct	-3603 Feb 13 j 06:57	6°♑16'58	
desc. node	-3603 Feb 18 j 13:02	7°♑26'19	
morning max el	-3603 Feb 27 j 12:58	13°♑54'08	26°59'44
	-3603 Mar 12 j 09:57	0°♒	
	-3603 Mar 29 j 04:41	0°♓	
morning set	-3603 Mar 29 j 21:36	1°♓27'39	
asc. node	-3603 Apr 05 j 07:14	15°♓12'05	
superior conj	-3603 Apr 06 j 00:21	16°♓45'45	0°07'29
minimum elong	-3603 Apr 06 j 00:01	16°♓43'56	0°07'22
behind sun begin	-3603 Apr 05 j 19:34	16°♓19'34	
behind sun end	-3603 Apr 06 j 04:28	17°♓08'19	
max. Earth dist.	-3603 Apr 05 j 18:41	16°♓14'44	1.32546 AU
	-3603 Apr 12 j 02:59	0°♈	
evening rise	-3603 Apr 13 j 00:39	1°♈54'03	
	-3603 Apr 28 j 08:47	0°♉	
evening max el	-3603 May 11 j 17:15	16°♉51'47	26°11'18
desc. node	-3603 May 17 j 11:48	21°♉27'22	
retrograde	-3603 May 25 j 19:19	24°♉09'13	
evening set	-3603 May 31 j 23:41	22°♉34'30	
min. Earth dist.	-3603 Jun 05 j 06:03	19°♉53'21	0.59226 AU
inferior conj	-3603 Jun 08 j 15:01	17°♉18'30	-4°-19'-9
minimum elong	-3603 Jun 08 j 13:43	17°♉21'01	4°19'00
morning rise	-3603 Jun 16 j 07:31	12°♉47'58	
direct	-3603 Jun 18 j 18:55	12°♉26'45	
morning max el	-3603 Jun 26 j 13:17	16°♉09'05	18°27'07
asc. node	-3603 Jul 02 j 06:45	23°♉17'09	
	-3603 Jul 06 j 08:33	0°♊	
morning set	-3603 Jul 12 j 15:40	11°♊43'06	
superior conj	-3603 Jul 21 j 20:20	29°♊10'00	1°48'06
minimum elong	-3603 Jul 21 j 21:27	29°♊15'10	1°48'12
	-3603 Jul 22 j 07:10	0°♋	
max. Earth dist.	-3603 Jul 29 j 04:50	12°♋20'33	1.40133 AU
evening rise	-3603 Aug 02 j 16:54	19°♋59'31	
	-3603 Aug 08 j 21:02	0°♌	
desc. node	-3603 Aug 13 j 10:58	7°♌06'07	
	-3603 Aug 29 j 16:59	0°♍	
evening max el	-3603 Sep 06 j 10:39	8°♍55'13	23°31'51
retrograde	-3603 Sep 16 j 23:13	15°♍08'35	
evening set	-3603 Sep 21 j 23:38	13°♍03'35	
inferior conj	-3603 Sep 27 j 08:10	6°♍42'24	0°-18'-34
minimum elong	-3603 Sep 27 j 08:36	6°♍40'55	0°18'20
min. Earth dist.	-3603 Sep 26 j 23:04	7°♍13'34	0.67413 AU
asc. node	-3603 Sep 28 j 05:51	5°♍28'33	
morning rise	-3603 Oct 02 j 17:39	0°♍29'51	
	-3603 Oct 03 j 10:45	30°℞♌	
direct	-3603 Oct 06 j 19:01	28°♌57'36	
	-3603 Oct 10 j 09:25	0°♍	
morning max el	-3603 Oct 15 j 08:39	4°♍00'42	21°13'21
greatest brilliancy	-3603 Oct 20 j 19:03	10°♍20'00	-0.5m
	-3603 Nov 03 j 17:35	0°♎	
desc. node	-3603 Nov 09 j 10:44	8°♎38'40	
morning set	-3603 Nov 14 j 18:00	16°♎52'06	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3603 Nov 22 j 17:22	29°♎38'16	1.42408 AU
	-3603 Nov 22 j 22:41	0°♏	
superior conj	-3603 Nov 29 j 21:03	11°♏35'49	-1°-46'-30
minimum elong	-3603 Nov 29 j 16:45	11°♏17'25	1°46'22
	-3603 Dec 10 j 07:50	0°♐	
evening rise	-3603 Dec 11 j 07:21	1°♐46'01	
asc. node	-3603 Dec 25 j 04:50	24°♐55'02	
evening max el	-3603 Dec 27 j 23:42	28°♐08'08	18°08'11
	-3603 Dec 30 j 04:24	0°♑	
retrograde	-3602 Jan 03 j 16:56	1°♑35'58	
evening set	-3602 Jan 06 j 08:10	1°♑04'07	
	-3602 Jan 08 j 08:41	30°℞♐	
inferior conj	-3602 Jan 13 j 00:50	26°♐02'31	4°01'30
minimum elong	-3602 Jan 13 j 00:10	26°♐04'06	4°01'20
min. Earth dist.	-3602 Jan 16 j 01:49	23°♐07'21	0.61428 AU
morning rise	-3602 Jan 19 j 13:44	20°♐16'11	
direct	-3602 Jan 26 j 13:07	17°♐51'32	
desc. node	-3602 Feb 05 j 10:08	21°♐55'30	
morning max el	-3602 Feb 09 j 14:42	25°♐35'22	27°37'47
	-3602 Feb 13 j 17:26	0°♑	
	-3602 Mar 05 j 18:57	0°♒	
morning set	-3602 Mar 14 j 03:49	16°♒09'15	
max. Earth dist.	-3602 Mar 20 j 06:40	29°♒06'31	1.32679 AU
	-3602 Mar 20 j 16:32	0°♓	
superior conj	-3602 Mar 21 j 11:24	1°♓42'37	0°-17'-43
minimum elong	-3602 Mar 21 j 12:12	1°♓47'00	0°17'39
asc. node	-3602 Mar 23 j 04:13	5°♓25'10	
evening rise	-3602 Mar 28 j 11:46	16°♓52'01	
	-3602 Apr 04 j 01:15	0°♈	
evening max el	-3602 Apr 23 j 11:18	27°♈56'31	24°52'30
	-3602 Apr 25 j 18:42	0°♉	
desc. node	-3602 May 04 j 08:55	4°♉40'21	
retrograde	-3602 May 07 j 11:46	5°♉02'57	
evening set	-3602 May 12 j 11:07	4°♉06'21	
min. Earth dist.	-3602 May 17 j 23:29	1°♉12'08	0.57307 AU
	-3602 May 19 j 19:13	30°℞♈	
inferior conj	-3602 May 20 j 22:28	29°♈14'18	-3°-49'-10
minimum elong	-3602 May 20 j 17:37	29°♈22'24	3°48'18
morning rise	-3602 May 29 j 04:14	25°♈03'41	
direct	-3602 May 31 j 15:37	24°♈46'01	
morning max el	-3602 Jun 09 j 15:11	28°♈57'20	19°12'34
	-3602 Jun 10 j 16:35	0°♉	
asc. node	-3602 Jun 19 j 03:48	11°♉56'54	
morning set	-3602 Jun 26 j 13:14	25°♉52'31	
	-3602 Jun 28 j 15:02	0°♊	
superior conj	-3602 Jul 04 j 21:59	12°♊25'03	1°47'41
minimum elong	-3602 Jul 04 j 21:00	12°♊20'14	1°47'48
max. Earth dist.	-3602 Jul 11 j 06:32	24°♊23'38	1.38186 AU
	-3602 Jul 14 j 09:27	0°♋	
evening rise	-3602 Jul 15 j 04:22	1°♋23'13	
desc. node	-3602 Jul 31 j 07:58	27°♋24'22	
	-3602 Aug 02 j 02:31	0°♌	
evening max el	-3602 Aug 19 j 21:50	22°♌25'10	24°50'57
retrograde	-3602 Aug 31 j 11:58	29°♌10'30	
evening set	-3602 Sep 06 j 03:27	26°♌46'54	
min. Earth dist.	-3602 Sep 10 j 17:45	21°♌32'05	0.67117 AU
inferior conj	-3602 Sep 11 j 13:24	20°♌26'49	-1°-12'-8
minimum elong	-3602 Sep 11 j 15:06	20°♌21'11	1°11'21
asc. node	-3602 Sep 15 j 02:58	16°♌05'33	
morning rise	-3602 Sep 17 j 03:07	14°♌21'11	
direct	-3602 Sep 20 j 16:40	13°♌07'44	
morning max el	-3602 Sep 28 j 08:13	17°♌33'43	20°02'31
greatest brilliancy	-3602 Oct 05 j 16:29	26°♌38'15	-0.6m
	-3602 Oct 08 j 01:40	0°♍	
morning set	-3602 Oct 24 j 15:51	25°♍03'10	
desc. node	-3602 Oct 27 j 07:40	29°♍10'59	
	-3602 Oct 27 j 20:15	0°♎	
max. Earth dist.	-3602 Nov 05 j 03:46	13°♎06'43	1.43870 AU
superior conj	-3602 Nov 10 j 06:05	21°♎19'50	-1°-21'-19
minimum elong	-3602 Nov 09 j 23:02	20°♎51'05	1°20'40
	-3602 Nov 15 j 12:23	0°♏	
evening rise	-3602 Nov 23 j 12:48	13°♏34'49	
	-3602 Dec 03 j 05:31	0°♐	
evening max el	-3602 Dec 11 j 12:17	11°♐23'53	18°14'37
asc. node	-3602 Dec 12 j 01:55	11°♐57'15	
retrograde	-3602 Dec 18 j 01:09	14°♐54'55	
evening set	-3602 Dec 20 j 20:00	14°♐14'37	
inferior conj	-3602 Dec 27 j 02:23	8°♐52'22	3°47'34
minimum elong	-3602 Dec 27 j 00:01	8°♐58'47	3°47'07
min. Earth dist.	-3602 Dec 29 j 13:41	6°♐11'55	0.63270 AU
morning rise	-3601 Jan 02 j 02:22	2°♐54'34	
direct	-3601 Jan 09 j 03:22	0°♐09'26	
morning max el	-3601 Jan 22 j 21:24	7°♐54'15	27°39'31
desc. node	-3601 Jan 23 j 07:13	8°♐18'43	
	-3601 Feb 08 j 23:35	0°♑	
	-3601 Feb 25 j 22:12	0°♒	
morning set	-3601 Feb 26 j 03:48	0°♒27'57	
max. Earth dist.	-3601 Mar 03 j 13:22	11°♒36'25	1.33189 AU
superior conj	-3601 Mar 05 j 19:57	16°♒27'41	0°-42'-50
minimum elong	-3601 Mar 05 j 21:51	16°♒37'55	0°42'34
asc. node	-3601 Mar 10 j 01:14	25°♒33'23	
	-3601 Mar 12 j 03:08	0°♓	
evening rise	-3601 Mar 12 j 23:25	1°♓47'02	
	-3601 Mar 28 j 18:37	0°♈	
evening max el	-3601 Apr 05 j 03:14	8°♈39'58	23°19'45
retrograde	-3601 Apr 18 j 15:08	15°♈20'49	
desc. node	-3601 Apr 21 j 06:04	15°♈05'37	
evening set	-3601 Apr 22 j 06:33	14°♈51'47	
min. Earth dist.	-3601 Apr 29 j 14:04	11°♈32'40	0.55856 AU
inferior conj	-3601 May 01 j 10:09	10°♈27'35	-2°-39'-1
minimum elong	-3601 May 01 j 04:13	10°♈36'24	2°37'21
morning rise	-3601 May 10 j 05:04	6°♈29'34	
direct	-3601 May 12 j 17:58	6°♈13'45	
morning max el	-3601 May 23 j 07:14	11°♈08'08	20°18'24
	-3601 Jun 05 j 10:08	0°♉	
asc. node	-3601 Jun 06 j 00:49	1°♉08'53	
morning set	-3601 Jun 10 j 17:39	10°♉25'05	
superior conj	-3601 Jun 18 j 12:34	26°♉20'45	1°39'22
minimum elong	-3601 Jun 18 j 10:21	26°♉09'30	1°39'19
	-3601 Jun 20 j 08:19	0°♊	
max. Earth dist.	-3601 Jun 23 j 12:02	6°♊10'57	1.36391 AU
evening rise	-3601 Jun 27 j 14:26	13°♊54'31	
	-3601 Jul 06 j 20:19	0°♋	
desc. node	-3601 Jul 18 j 05:01	17°♋23'19	
	-3601 Jul 27 j 20:52	0°♌	
evening max el	-3601 Aug 02 j 08:50	5°♌57'46	26°00'59
retrograde	-3601 Aug 14 j 20:05	13°♌05'07	
evening set	-3601 Aug 21 j 02:22	10°♌26'29	
min. Earth dist.	-3601 Aug 25 j 08:12	5°♌49'35	0.66488 AU
inferior conj	-3601 Aug 26 j 15:30	4°♌10'59	-2°-4'-4
minimum elong	-3601 Aug 26 j 18:21	4°♌02'01	2°02'56
	-3601 Aug 30 j 06:32	30°℞♋	
morning rise	-3601 Sep 01 j 11:03	28°♋15'41	
asc. node	-3601 Sep 02 j 00:04	27°♋57'36	
direct	-3601 Sep 04 j 15:00	27°♋17'58	
	-3601 Sep 10 j 07:08	0°♌	
morning max el	-3601 Sep 11 j 14:47	1°♌15'19	19°05'54
	-3601 Oct 01 j 13:38	0°♍	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3601 Oct 04 j 01:20	3°♍54'46	
desc. node	-3601 Oct 14 j 04:38	19°♍51'07	
max. Earth dist.	-3601 Oct 18 j 20:06	27°♍10'04	1.44703 AU
superior conj	-3601 Oct 20 j 14:34	29°♍57'46	0°-40'-3
minimum elong	-3601 Oct 20 j 09:33	29°♍37'56	0°39'26
	-3601 Oct 20 j 15:07	0°♎	
evening rise	-3601 Nov 04 j 20:10	24°♎25'56	
	-3601 Nov 08 j 05:53	0°♏	
evening max el	-3601 Nov 25 j 00:24	24°♏47'14	18°39'14
asc. node	-3601 Nov 28 j 23:02	27°♏50'46	
retrograde	-3601 Dec 01 j 16:55	28°♏31'47	
evening set	-3601 Dec 04 j 16:42	27°♏41'26	
inferior conj	-3601 Dec 10 j 15:07	22°♏00'55	3°18'59
minimum elong	-3601 Dec 10 j 12:02	22°♏10'07	3°18'09
min. Earth dist.	-3601 Dec 12 j 11:30	19°♏48'39	0.64801 AU
morning rise	-3601 Dec 16 j 06:14	15°♏54'24	
direct	-3601 Dec 23 j 00:18	13°♏04'08	
morning max el	-3600 Jan 05 j 06:47	20°♏42'56	27°07'20
desc. node	-3600 Jan 10 j 04:16	26°♏03'54	
	-3600 Jan 13 j 08:52	0°♐	
	-3600 Feb 02 j 01:18	0°♑	
morning set	-3600 Feb 09 j 18:31	14°♑14'05	
max. Earth dist.	-3600 Feb 14 j 11:08	23°♑34'25	1.34118 AU
	-3600 Feb 17 j 13:40	0°♒	
superior conj	-3600 Feb 18 j 00:04	0°♒54'30	-1°-6'-45
minimum elong	-3600 Feb 18 j 02:52	1°♒09'10	1°06'25
asc. node	-3600 Feb 24 j 22:16	15°♒32'23	
evening rise	-3600 Feb 25 j 09:52	16°♒32'54	
	-3600 Mar 03 j 05:12	0°♓	
evening max el	-3600 Mar 16 j 23:06	19°♓28'37	21°47'06
retrograde	-3600 Mar 29 j 07:29	25°♓27'01	
evening set	-3600 Mar 31 j 23:50	25°♓10'55	
desc. node	-3600 Apr 07 j 03:11	22°♓52'19	
inferior conj	-3600 Apr 10 j 07:48	21°♓07'40	0°-53'-5
minimum elong	-3600 Apr 10 j 05:20	21°♓11'08	0°52'17
min. Earth dist.	-3600 Apr 10 j 03:46	21°♓13'20	0.55173 AU
morning rise	-3600 Apr 19 j 11:39	17°♓07'59	
direct	-3600 Apr 22 j 07:27	16°♓50'19	
morning max el	-3600 May 04 j 12:21	22°♓37'01	21°42'41
	-3600 May 10 j 21:19	0°♈	
asc. node	-3600 May 22 j 21:49	20°♈44'57	
morning set	-3600 May 25 j 02:32	25°♈14'00	
	-3600 May 27 j 09:21	0°♉	
superior conj	-3600 Jun 01 j 12:13	10°♉45'43	1°25'12
minimum elong	-3600 Jun 01 j 09:33	10°♉31'49	1°24'58
max. Earth dist.	-3600 Jun 05 j 02:06	18°♉07'39	1.34902 AU
evening rise	-3600 Jun 09 j 17:45	27°♉18'48	
	-3600 Jun 11 j 03:38	0°♊	
	-3600 Jun 29 j 03:14	0°♋	
desc. node	-3600 Jul 04 j 02:04	6°♋54'02	
evening max el	-3600 Jul 14 j 20:14	19°♋25'47	26°53'49
retrograde	-3600 Jul 27 j 23:06	26°♋45'18	
evening set	-3600 Aug 03 j 17:57	23°♋58'35	
min. Earth dist.	-3600 Aug 07 j 16:00	20°♋00'33	0.65496 AU
inferior conj	-3600 Aug 09 j 12:20	17°♋50'47	-2°-52'-27
minimum elong	-3600 Aug 09 j 16:00	17°♋40'03	2°51'12
morning rise	-3600 Aug 15 j 15:14	12°♋09'08	
direct	-3600 Aug 18 j 11:53	11°♋23'54	
asc. node	-3600 Aug 18 j 21:09	11°♋24'43	
morning max el	-3600 Aug 25 j 02:36	15°♋01'39	18°25'15
	-3600 Sep 04 j 21:17	0°♌	
morning set	-3600 Sep 13 j 12:30	14°♌02'16	
	-3600 Sep 23 j 09:31	0°♍	
superior conj	-3600 Sep 28 j 14:13	8°♍15'22	0°09'24
minimum elong	-3600 Sep 28 j 15:26	8°♍20'11	0°09'18
behind sun begin	-3600 Sep 28 j 06:06	7°♍43'17	
behind sun end	-3600 Sep 29 j 00:46	8°♍57'04	
desc. node	-3600 Sep 30 j 01:36	10°♍35'05	
max. Earth dist.	-3600 Sep 30 j 14:36	11°♍26'22	1.44810 AU
	-3600 Oct 12 j 10:06	0°♎	
evening rise	-3600 Oct 15 j 02:44	4°♎13'44	
greatest brilliancy	-3600 Oct 28 j 15:09	25°♎14'33	-0.7m
	-3600 Oct 31 j 21:03	0°♏	
evening max el	-3600 Nov 07 j 09:31	8°♏13'13	19°20'54
retrograde	-3600 Nov 14 j 12:49	12°♏20'14	
asc. node	-3600 Nov 14 j 20:07	12°♏19'42	
evening set	-3600 Nov 17 j 19:23	11°♏17'44	
inferior conj	-3600 Nov 23 j 11:48	5°♏22'06	2°40'22
minimum elong	-3600 Nov 23 j 08:47	5°♏31'46	2°39'22
min. Earth dist.	-3600 Nov 24 j 18:17	3°♏44'29	0.65969 AU
	-3600 Nov 27 j 23:51	30°℞♎	
morning rise	-3600 Nov 28 j 21:24	29°♎09'18	
direct	-3600 Dec 05 j 03:18	26°♎26'26	
	-3600 Dec 13 j 09:54	0°♏	
morning max el	-3600 Dec 17 j 16:25	3°♏48'55	26°07'53
desc. node	-3600 Dec 27 j 01:17	14°♏46'32	
	-3599 Jan 06 j 17:30	0°♐	
morning set	-3599 Jan 22 j 19:54	27°♐15'06	
	-3599 Jan 24 j 07:06	0°♑	
max. Earth dist.	-3599 Jan 26 j 21:16	4°♑57'51	1.35490 AU
superior conj	-3599 Jan 31 j 21:20	14°♑55'27	-1°-28'-4
minimum elong	-3599 Feb 01 j 00:33	15°♑11'48	1°27'49
	-3599 Feb 08 j 04:54	0°♒	
evening rise	-3599 Feb 08 j 17:12	1°♒03'06	
asc. node	-3599 Feb 10 j 19:19	5°♒17'07	
	-3599 Feb 26 j 09:42	0°♓	
evening max el	-3599 Feb 27 j 04:00	0°♓45'02	20°25'45
retrograde	-3599 Mar 09 j 21:52	5°♓51'49	
evening set	-3599 Mar 12 j 05:04	5°♓38'44	
inferior conj	-3599 Mar 21 j 04:08	1°♓40'31	1°03'17
minimum elong	-3599 Mar 21 j 06:53	1°♓36'28	1°02'17
min. Earth dist.	-3599 Mar 22 j 17:50	0°♓45'09	0.55415 AU
	-3599 Mar 24 j 01:29	30°℞♒	
desc. node	-3599 Mar 25 j 00:16	29°♒29'01	
morning rise	-3599 Mar 30 j 06:35	27°♒20'38	
direct	-3599 Apr 02 j 20:25	26°♒52'47	
	-3599 Apr 12 j 00:38	0°♓	
morning max el	-3599 Apr 16 j 08:10	3°♓29'38	23°19'35
	-3599 May 04 j 12:14	0°♈	
morning set	-3599 May 09 j 13:59	10°♈13'07	
asc. node	-3599 May 09 j 18:51	10°♈38'34	
superior conj	-3599 May 16 j 17:58	25°♈30'51	1°06'48
minimum elong	-3599 May 16 j 15:29	25°♈17'33	1°06'26
	-3599 May 18 j 20:38	0°♉	
max. Earth dist.	-3599 May 19 j 01:53	0°♉27'38	1.33777 AU
evening rise	-3599 May 24 j 09:35	11°♉22'32	
	-3599 Jun 03 j 10:56	0°♊	
desc. node	-3599 Jun 20 j 23:07	25°♊44'44	
	-3599 Jun 24 j 16:29	0°♋	
evening max el	-3599 Jun 27 j 07:07	2°♋39'22	27°22'09
retrograde	-3599 Jul 10 j 20:42	10°♋03'21	
evening set	-3599 Jul 17 j 23:19	7°♋19'41	
min. Earth dist.	-3599 Jul 21 j 15:16	3°♋57'34	0.64122 AU
inferior conj	-3599 Jul 24 j 01:32	1°♋22'19	-3°-34'-30
minimum elong	-3599 Jul 24 j 05:23	1°♋12'02	3°33'29
	-3599 Jul 25 j 08:52	30°℞♊	
morning rise	-3599 Jul 30 j 13:14	25°♊57'26	
direct	-3599 Aug 02 j 04:51	25°♊21'39	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3599 Aug 05 j 18:13	26°♊25'50	
morning max el	-3599 Aug 08 j 17:14	28°♊48'25	18°01'44
	-3599 Aug 09 j 20:08	0°♋	
morning set	-3599 Aug 26 j 02:28	25°♋26'38	
	-3599 Aug 28 j 18:33	0°♌	
superior conj	-3599 Sep 08 j 03:46	17°♌17'24	0°54'14
minimum elong	-3599 Sep 08 j 09:10	17°♌39'21	0°53'41
max. Earth dist.	-3599 Sep 13 j 07:28	25°♌35'13	1.44197 AU
	-3599 Sep 16 j 02:14	0°♍	
desc. node	-3599 Sep 16 j 22:33	1°♍20'05	
evening rise	-3599 Sep 24 j 12:45	13°♍10'02	
	-3599 Oct 05 j 13:41	0°♎	
greatest brilliancy	-3599 Oct 14 j 22:46	13°♎33'59	-0.6m
evening max el	-3599 Oct 21 j 13:43	21°♎39'49	20°17'54
retrograde	-3599 Oct 29 j 10:08	26°♎16'53	
asc. node	-3599 Nov 01 j 17:13	25°♎14'00	
evening set	-3599 Nov 02 j 01:41	24°♎59'42	
inferior conj	-3599 Nov 07 j 13:53	18°♎52'30	1°54'57
minimum elong	-3599 Nov 07 j 11:28	19°♎00'37	1°54'01
min. Earth dist.	-3599 Nov 08 j 08:04	17°♎51'26	0.66783 AU
morning rise	-3599 Nov 12 j 20:42	12°♎36'02	
direct	-3599 Nov 18 j 11:54	10°♎09'08	
morning max el	-3599 Nov 30 j 01:11	17°♎01'52	24°50'16
	-3599 Dec 10 j 21:19	0°♏	
desc. node	-3599 Dec 13 j 22:18	4°♏10'03	
	-3599 Dec 30 j 17:21	0°♐	
morning set	-3598 Jan 05 j 02:35	9°♐16'07	
max. Earth dist.	-3598 Jan 08 j 20:47	16°♐02'55	1.37275 AU
superior conj	-3598 Jan 15 j 08:40	28°♐22'10	-1°-44'-50
minimum elong	-3598 Jan 15 j 11:28	28°♐35'52	1°44'47
	-3598 Jan 16 j 04:39	0°♑	
evening rise	-3598 Jan 23 j 19:19	15°♑11'38	
asc. node	-3598 Jan 28 j 16:20	24°♑41'58	
	-3598 Jan 31 j 14:43	0°♒	
evening max el	-3598 Feb 09 j 19:39	12°♒38'08	19°21'44
retrograde	-3598 Feb 18 j 22:04	16°♒58'05	
evening set	-3598 Feb 21 j 05:43	16°♒42'28	
inferior conj	-3598 Mar 01 j 12:46	12°♒34'18	2°38'21
minimum elong	-3598 Mar 01 j 17:44	12°♒26'04	2°36'57
min. Earth dist.	-3598 Mar 04 j 08:51	10°♒42'09	0.56538 AU
morning rise	-3598 Mar 10 j 01:58	7°♒44'16	
desc. node	-3598 Mar 11 j 21:24	7°♒12'29	
direct	-3598 Mar 14 j 20:08	6°♒52'18	
morning max el	-3598 Mar 28 j 23:14	14°♒04'24	24°57'49
	-3598 Apr 10 j 11:17	0°♓	
morning set	-3598 Apr 24 j 02:12	25°♓15'21	
	-3598 Apr 26 j 07:46	0°♈	
asc. node	-3598 Apr 26 j 15:51	0°♈43'24	
superior conj	-3598 May 01 j 03:30	10°♈27'22	0°45'18
minimum elong	-3598 May 01 j 01:38	10°♈17'14	0°44'57
max. Earth dist.	-3598 May 02 j 09:31	13°♈10'01	1.33024 AU
evening rise	-3598 May 08 j 10:08	25°♈52'54	
	-3598 May 10 j 11:13	0°♉	
	-3598 May 27 j 22:47	0°♊	
desc. node	-3598 Jun 07 j 20:11	13°♊37'33	
evening max el	-3598 Jun 09 j 15:34	15°♊25'50	27°20'20
retrograde	-3598 Jun 23 j 12:09	22°♊48'57	
evening set	-3598 Jun 30 j 14:42	20°♊22'21	
min. Earth dist.	-3598 Jul 04 j 04:49	17°♊27'45	0.62391 AU
inferior conj	-3598 Jul 07 j 04:07	14°♊38'21	-4°-6'-13
minimum elong	-3598 Jul 07 j 07:05	14°♊31'14	4°05'42
morning rise	-3598 Jul 14 j 01:56	9°♊32'56	
direct	-3598 Jul 16 j 14:41	9°♊04'03	
morning max el	-3598 Jul 23 j 07:56	12°♊28'44	17°56'22
asc. node	-3598 Jul 23 j 15:16	12°♊47'05	
	-3598 Aug 04 j 04:05	0°♋	
morning set	-3598 Aug 08 j 14:21	7°♋53'46	
superior conj	-3598 Aug 19 j 19:45	27°♋37'54	1°26'09
minimum elong	-3598 Aug 20 j 00:52	27°♋59'43	1°25'47
	-3598 Aug 21 j 05:15	0°♌	
max. Earth dist.	-3598 Aug 26 j 20:13	9°♌19'58	1.42953 AU
evening rise	-3598 Sep 03 j 17:36	21°♌55'16	
desc. node	-3598 Sep 03 j 19:30	22°♌02'42	
	-3598 Sep 08 j 23:14	0°♍	
greatest brilliancy	-3598 Sep 29 j 09:39	29°♍13'25	-0.4m
	-3598 Sep 30 j 00:34	0°♎	
evening max el	-3598 Oct 04 j 11:55	5°♎06'04	21°27'28
retrograde	-3598 Oct 13 j 06:46	10°♎18'49	
evening set	-3598 Oct 17 j 09:36	8°♎44'23	
asc. node	-3598 Oct 19 j 14:17	6°♎37'33	
inferior conj	-3598 Oct 22 j 19:10	2°♎29'08	1°05'00
minimum elong	-3598 Oct 22 j 17:43	2°♎34'10	1°04'24
min. Earth dist.	-3598 Oct 23 j 02:20	2°♎04'30	0.67269 AU
	-3598 Oct 24 j 15:12	30°℞♍	
morning rise	-3598 Oct 28 j 01:30	26°♍11'56	
direct	-3598 Nov 02 j 01:23	24°♍05'39	
	-3598 Nov 12 j 03:28	0°♎	
morning max el	-3598 Nov 12 j 10:21	0°♎17'18	23°24'21
greatest brilliancy	-3598 Nov 18 j 03:05	6°♎44'52	-0.2m
desc. node	-3598 Nov 30 j 19:17	24°♎02'27	
	-3598 Dec 04 j 19:15	0°♏	
morning set	-3598 Dec 17 j 08:21	20°♏00'43	
max. Earth dist.	-3598 Dec 21 j 16:14	27°♏25'02	1.39322 AU
	-3598 Dec 23 j 03:33	0°♐	
superior conj	-3598 Dec 29 j 05:57	11°♐03'43	-1°-54'-26
minimum elong	-3598 Dec 29 j 07:05	11°♐08'57	1°54'34
evening rise	-3597 Jan 07 j 13:37	28°♐51'49	
	-3597 Jan 08 j 03:45	0°♑	
asc. node	-3597 Jan 15 j 13:23	13°♑40'07	
evening max el	-3597 Jan 23 j 20:45	25°♑05'06	18°37'23
retrograde	-3597 Jan 31 j 16:02	28°♑52'40	
evening set	-3597 Feb 03 j 02:50	28°♑31'35	
inferior conj	-3597 Feb 10 j 17:05	24°♑04'20	3°36'39
minimum elong	-3597 Feb 10 j 20:37	23°♑57'33	3°36'00
min. Earth dist.	-3597 Feb 14 j 01:56	21°♑30'01	0.58281 AU
morning rise	-3597 Feb 18 j 10:43	18°♑47'05	
direct	-3597 Feb 24 j 09:13	17°♑18'53	
desc. node	-3597 Feb 26 j 18:30	17°♑33'01	
morning max el	-3597 Mar 10 j 15:38	24°♑49'23	26°22'34
	-3597 Mar 15 j 10:09	0°♒	
	-3597 Apr 03 j 11:33	0°♓	
morning set	-3597 Apr 08 j 13:31	10°♓14'51	
asc. node	-3597 Apr 13 j 12:51	20°♓54'53	
superior conj	-3597 Apr 15 j 14:56	25°♓28'42	0°21'42
minimum elong	-3597 Apr 15 j 13:59	25°♓23'31	0°21'29
max. Earth dist.	-3597 Apr 15 j 21:55	26°♓06'55	1.32627 AU
	-3597 Apr 17 j 16:36	0°♈	
evening rise	-3597 Apr 22 j 16:34	10°♈40'23	
	-3597 May 02 j 18:04	0°♉	
evening max el	-3597 May 22 j 19:12	27°♉34'08	26°45'33
desc. node	-3597 May 25 j 17:16	0°♊08'03	
	-3597 May 25 j 13:16	0°♊	
retrograde	-3597 Jun 05 j 19:52	4°♊53'32	
evening set	-3597 Jun 12 j 11:52	2°♊57'31	
min. Earth dist.	-3597 Jun 16 j 08:42	0°♊16'19	0.60408 AU
	-3597 Jun 16 j 16:50	30°℞♉	
inferior conj	-3597 Jun 19 j 16:36	27°♉30'18	-4°-21'-23
minimum elong	-3597 Jun 19 j 17:15	27°♉28'56	4°21'16

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3597 Jun 27 j 01:52	22°♉46'33	
direct	-3597 Jun 29 j 13:31	22°♉22'46	
morning max el	-3597 Jul 06 j 19:51	25°♉55'13	18°10'09
	-3597 Jul 10 j 08:30	0°♊	
asc. node	-3597 Jul 10 j 12:19	0°♊12'51	
morning set	-3597 Jul 22 j 18:41	21°♊09'20	
	-3597 Jul 27 j 12:15	0°♋	
superior conj	-3597 Aug 01 j 14:18	9°♋17'34	1°43'42
minimum elong	-3597 Aug 01 j 16:57	9°♋29'26	1°43'42
max. Earth dist.	-3597 Aug 09 j 03:48	22°♋28'14	1.41244 AU
	-3597 Aug 13 j 16:40	0°♌	
evening rise	-3597 Aug 14 j 12:57	1°♌22'25	
desc. node	-3597 Aug 21 j 16:28	12°♌39'26	
	-3597 Sep 02 j 10:24	0°♍	
greatest brilliancy	-3597 Sep 12 j 07:21	13°♍04'51	-0.3m
evening max el	-3597 Sep 17 j 04:20	18°♍32'22	22°45'26
retrograde	-3597 Sep 27 j 01:07	24°♍23'26	
evening set	-3597 Oct 01 j 17:17	22°♍29'44	
asc. node	-3597 Oct 06 j 11:24	16°♍59'27	
inferior conj	-3597 Oct 07 j 01:47	16°♍09'54	0°12'20
minimum elong	-3597 Oct 07 j 01:30	16°♍10'54	0°12'15
transit middle	-3597 Oct 07 j 01:30	16°♍10'54	0°12'15
transit begin	-3597 Oct 06 j 23:42	16°♍17'04	
transit end	-3597 Oct 07 j 03:17	16°♍04'44	
min. Earth dist.	-3597 Oct 06 j 22:35	16°♍20'55	0.67452 AU
morning rise	-3597 Oct 12 j 09:37	9°♍54'56	
direct	-3597 Oct 16 j 18:50	8°♍10'31	
morning max el	-3597 Oct 25 j 23:13	13°♍37'18	21°59'10
greatest brilliancy	-3597 Oct 30 j 19:00	19°♍06'18	-0.4m
	-3597 Nov 07 j 22:46	0°♎	
desc. node	-3597 Nov 17 j 16:14	14°♎14'49	
morning set	-3597 Nov 27 j 09:13	29°♎20'45	
	-3597 Nov 27 j 19:01	0°♏	
max. Earth dist.	-3597 Dec 03 j 15:34	9°♏35'01	1.41364 AU
superior conj	-3597 Dec 11 j 07:52	22°♏45'26	-1°-53'-27
minimum elong	-3597 Dec 11 j 05:49	22°♏36'21	1°53'30
	-3597 Dec 15 j 09:07	0°♐	
evening rise	-3597 Dec 21 j 20:49	11°♐55'24	
	-3596 Jan 01 j 02:19	0°♑	
asc. node	-3596 Jan 02 j 10:26	2°♑02'10	
evening max el	-3596 Jan 07 j 04:30	7°♑56'50	18°13'06
retrograde	-3596 Jan 14 j 04:09	11°♑27'55	
evening set	-3596 Jan 16 j 17:49	11°♑00'10	
inferior conj	-3596 Jan 23 j 17:29	6°♑10'44	4°00'19
minimum elong	-3596 Jan 23 j 18:16	6°♑09'00	4°00'09
min. Earth dist.	-3596 Jan 26 j 23:59	3°♑16'39	0.60286 AU
morning rise	-3596 Jan 30 j 15:52	0°♑33'16	
	-3596 Jan 31 j 15:02	30°℞♐	
direct	-3596 Feb 06 j 09:29	28°♐27'12	
	-3596 Feb 12 j 10:09	0°♑	
desc. node	-3596 Feb 13 j 15:36	0°♑39'30	
morning max el	-3596 Feb 20 j 13:40	6°♑06'51	27°20'18
	-3596 Mar 09 j 11:13	0°♒	
morning set	-3596 Mar 22 j 22:09	25°♒04'41	
	-3596 Mar 25 j 06:25	0°♓	
max. Earth dist.	-3596 Mar 29 j 11:16	9°♓04'48	1.32565 AU
superior conj	-3596 Mar 30 j 02:34	10°♓28'25	0°-3'-11
minimum elong	-3596 Mar 30 j 02:42	10°♓29'12	0°03'13
behind sun begin	-3596 Mar 29 j 21:46	10°♓02'13	
behind sun end	-3596 Mar 30 j 07:38	10°♓56'11	
asc. node	-3596 Mar 30 j 09:52	11°♓08'23	
evening rise	-3596 Apr 06 j 02:32	25°♓36'16	
	-3596 Apr 08 j 05:28	0°♈	
	-3596 Apr 25 j 21:00	0°♉	

evening max el	-3596 May 03 j 16:22	8°♉59'21	25°40'21
desc. node	-3596 May 11 j 14:23	14°♉43'43	
retrograde	-3596 May 17 j 18:12	16°♉12'37	
evening set	-3596 May 23 j 11:32	14°♉54'38	
min. Earth dist.	-3596 May 28 j 04:42	12°♉09'52	0.58377 AU
inferior conj	-3596 May 31 j 11:23	9°♉48'33	-4°-10'-57
minimum elong	-3596 May 31 j 08:29	9°♉53'47	4°10'36
morning rise	-3596 Jun 08 j 09:23	5°♉26'58	
direct	-3596 Jun 10 j 20:57	5°♉07'13	
morning max el	-3596 Jun 19 j 02:11	8°♉59'47	18°44'00
asc. node	-3596 Jun 26 j 09:23	18°♉29'02	
	-3596 Jul 02 j 20:22	0°♊	
morning set	-3596 Jul 05 j 11:00	5°♊01'54	
superior conj	-3596 Jul 14 j 06:17	22°♊02'46	1°49'03
minimum elong	-3596 Jul 14 j 06:25	22°♊03'20	1°49'12
	-3596 Jul 18 j 13:17	0°♋	
max. Earth dist.	-3596 Jul 21 j 06:48	4°♋53'53	1.39299 AU
evening rise	-3596 Jul 25 j 09:27	12°♋01'59	
	-3596 Aug 05 j 12:24	0°♌	
desc. node	-3596 Aug 07 j 13:28	3°♌06'18	
	-3596 Aug 27 j 18:14	0°♍	
evening max el	-3596 Aug 29 j 16:39	2°♍00'39	24°06'02
retrograde	-3596 Sep 09 j 16:10	8°♍28'12	
evening set	-3596 Sep 14 j 23:05	6°♍14'50	
inferior conj	-3596 Sep 20 j 08:02	29°♌53'49	0°-41'-20
minimum elong	-3596 Sep 20 j 09:00	29°♌50'32	0°40'52
min. Earth dist.	-3596 Sep 19 j 18:28	0°♍39'44	0.67330 AU
	-3596 Sep 20 j 06:13	30°℞♌	
asc. node	-3596 Sep 22 j 08:29	27°♌14'19	
morning rise	-3596 Sep 25 j 19:08	23°♌44'06	
direct	-3596 Sep 29 j 15:14	22°♌20'15	
morning max el	-3596 Oct 07 j 18:42	27°♌06'10	20°41'45
	-3596 Oct 10 j 09:40	0°♍	
greatest brilliancy	-3596 Oct 13 j 20:54	4°♍20'56	-0.5m
	-3596 Oct 31 j 11:51	0°♎	
desc. node	-3596 Nov 03 j 13:12	4°♎41'41	
morning set	-3596 Nov 05 j 11:34	7°♎41'16	
max. Earth dist.	-3596 Nov 14 j 22:22	22°♎39'25	1.43104 AU
	-3596 Nov 19 j 10:07	0°♏	
superior conj	-3596 Nov 21 j 08:52	3°♏14'27	-1°-37'-56
minimum elong	-3596 Nov 21 j 03:02	2°♏50'06	1°37'34
evening rise	-3596 Dec 03 j 13:03	24°♏14'49	
	-3596 Dec 06 j 19:16	0°♐	
asc. node	-3596 Dec 19 j 07:31	19°♐37'22	
evening max el	-3596 Dec 20 j 16:05	21°♐05'40	18°08'29
retrograde	-3596 Dec 27 j 06:27	24°♐33'46	
evening set	-3596 Dec 29 j 23:04	23°♐58'29	
inferior conj	-3595 Jan 05 j 11:01	18°♐47'30	3°57'44
minimum elong	-3595 Jan 05 j 09:31	18°♐51'21	3°57'29
min. Earth dist.	-3595 Jan 08 j 06:25	15°♐56'37	0.62248 AU
morning rise	-3595 Jan 11 j 17:53	12°♐55'38	
direct	-3595 Jan 18 j 18:57	10°♐20'44	
desc. node	-3595 Jan 30 j 12:41	16°♐01'39	
morning max el	-3595 Feb 01 j 17:59	18°♐05'29	27°42'57
	-3595 Feb 11 j 19:11	0°♑	
	-3595 Mar 02 j 04:24	0°♒	
morning set	-3595 Mar 07 j 02:02	9°♒37'33	
max. Earth dist.	-3595 Mar 12 j 21:39	21°♒49'24	1.32851 AU
superior conj	-3595 Mar 14 j 12:45	25°♒20'33	0°-28'-29
minimum elong	-3595 Mar 14 j 14:02	25°♒27'31	0°28'18
	-3595 Mar 16 j 16:12	0°♓	
asc. node	-3595 Mar 17 j 06:53	1°♓19'44	
evening rise	-3595 Mar 21 j 14:06	10°♓33'28	
	-3595 Mar 31 j 15:49	0°♈	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3595 Apr 15 j 08:36	19°♈50'47	24°13'46
desc. node	-3595 Apr 28 j 11:31	26°♈47'48	
retrograde	-3595 Apr 29 j 05:16	26°♈49'03	
evening set	-3595 May 03 j 14:53	26°♈05'43	
min. Earth dist.	-3595 May 09 j 20:16	23°♈02'23	0.56608 AU
inferior conj	-3595 May 12 j 10:05	21°♈25'22	-3°-24'-30
minimum elong	-3595 May 12 j 04:16	21°♈34'33	3°23'12
morning rise	-3595 May 20 j 21:40	17°♈21'54	
direct	-3595 May 23 j 09:24	17°♈05'21	
morning max el	-3595 Jun 02 j 00:10	21°♈32'58	19°38'18
	-3595 Jun 08 j 20:15	0°♉	
asc. node	-3595 Jun 13 j 06:25	7°♉23'25	
morning set	-3595 Jun 19 j 11:46	19°♉21'46	
	-3595 Jun 24 j 18:24	0°♊	
superior conj	-3595 Jun 27 j 13:59	5°♊36'45	1°45'00
minimum elong	-3595 Jun 27 j 12:22	5°♊28'44	1°45'03
max. Earth dist.	-3595 Jul 03 j 09:12	16°♊46'16	1.37381 AU
evening rise	-3595 Jul 07 j 07:03	23°♊55'28	
	-3595 Jul 10 j 18:07	0°♋	
desc. node	-3595 Jul 25 j 10:31	23°♋17'24	
	-3595 Jul 30 j 04:45	0°♌	
evening max el	-3595 Aug 12 j 03:19	15°♌31'18	25°22'17
retrograde	-3595 Aug 24 j 03:09	22°♌27'56	
evening set	-3595 Aug 30 j 01:05	19°♌57'01	
min. Earth dist.	-3595 Sep 03 j 11:35	14°♌58'16	0.66889 AU
inferior conj	-3595 Sep 04 j 12:09	13°♌38'19	-1°-34'-27
minimum elong	-3595 Sep 04 j 14:21	13°♌31'07	1°33'30
asc. node	-3595 Sep 09 j 05:36	8°♌18'34	
morning rise	-3595 Sep 10 j 04:10	7°♌36'52	
direct	-3595 Sep 13 j 13:16	6°♌30'43	
morning max el	-3595 Sep 20 j 21:28	10°♌43'38	19°36'38
greatest brilliancy	-3595 Sep 29 j 12:55	21°♌46'19	-0.7m
	-3595 Oct 05 j 01:50	0°♍	
morning set	-3595 Oct 15 j 11:40	16°♍02'26	
desc. node	-3595 Oct 21 j 10:09	25°♍17'56	
	-3595 Oct 24 j 10:05	0°♎	
max. Earth dist.	-3595 Oct 28 j 11:27	6°♎24'25	1.44308 AU
superior conj	-3595 Nov 01 j 06:25	12°♎27'08	-1°-5'-30
minimum elong	-3595 Oct 31 j 23:29	11°♎59'20	1°04'46
	-3595 Nov 12 j 00:14	0°♏	
evening rise	-3595 Nov 15 j 09:40	5°♏40'29	
	-3595 Nov 30 j 12:43	0°♐	
evening max el	-3595 Dec 04 j 04:43	4°♐25'15	18°22'51
asc. node	-3595 Dec 06 j 04:34	6°♐12'25	
retrograde	-3595 Dec 10 j 18:25	8°♐01'12	
evening set	-3595 Dec 13 j 15:02	7°♐17'01	
inferior conj	-3595 Dec 19 j 17:47	1°♐46'41	3°36'55
minimum elong	-3595 Dec 19 j 15:01	1°♐54'35	3°36'17
	-3595 Dec 21 j 07:18	30°℞♏	
min. Earth dist.	-3595 Dec 21 j 22:47	29°♏16'45	0.63964 AU
morning rise	-3595 Dec 25 j 13:30	25°♏44'33	
direct	-3594 Jan 01 j 12:19	22°♏55'19	
	-3594 Jan 14 j 10:08	0°♐	
morning max el	-3594 Jan 15 j 02:23	0°♐39'36	27°29'36
desc. node	-3594 Jan 17 j 09:45	3°♐03'34	
	-3594 Feb 05 j 19:38	0°♑	
morning set	-3594 Feb 18 j 22:34	23°♑44'37	
	-3594 Feb 22 j 01:11	0°♒	
max. Earth dist.	-3594 Feb 24 j 00:57	4°♒07'04	1.33526 AU
superior conj	-3594 Feb 26 j 19:43	9°♒59'17	0°-53'-13
minimum elong	-3594 Feb 26 j 22:02	10°♒11'38	0°52'54
asc. node	-3594 Mar 04 j 03:55	21°♒24'55	
evening rise	-3594 Mar 06 j 01:28	25°♒25'43	
	-3594 Mar 08 j 06:30	0°♓	
	-3594 Mar 27 j 11:37	0°♈	
evening max el	-3594 Mar 28 j 01:24	0°♈33'36	22°39'34
retrograde	-3594 Apr 10 j 03:57	6°♈58'56	
evening set	-3594 Apr 13 j 07:33	6°♈37'11	
desc. node	-3594 Apr 15 j 08:38	6°♈01'21	
min. Earth dist.	-3594 Apr 21 j 10:37	3°♈03'26	0.55449 AU
inferior conj	-3594 Apr 22 j 14:44	2°♈23'08	-1°-57'-27
minimum elong	-3594 Apr 22 j 09:44	2°♈30'18	1°55'53
	-3594 Apr 27 j 01:29	30°℞♓	
morning rise	-3594 May 01 j 14:18	28°♓26'29	
direct	-3594 May 04 j 04:47	28°♓10'42	
	-3594 May 10 j 20:10	0°♈	
morning max el	-3594 May 15 j 11:45	3°♈27'16	20°52'17
asc. node	-3594 May 31 j 03:28	26°♈46'57	
	-3594 Jun 01 j 18:33	0°♉	
morning set	-3594 Jun 03 j 18:20	4°♉02'12	
superior conj	-3594 Jun 11 j 08:51	19°♉46'36	1°33'59
minimum elong	-3594 Jun 11 j 06:21	19°♉33'48	1°33'50
max. Earth dist.	-3594 Jun 15 j 17:32	28°♉33'22	1.35709 AU
	-3594 Jun 16 j 11:11	0°♊	
evening rise	-3594 Jun 20 j 01:08	6°♊51'34	
	-3594 Jul 03 j 11:24	0°♋	
desc. node	-3594 Jul 12 j 07:32	13°♋05'36	
evening max el	-3594 Jul 25 j 14:22	29°♋02'34	26°26'03
	-3594 Jul 26 j 14:34	0°♌	
retrograde	-3594 Aug 07 j 09:18	6°♌17'03	
evening set	-3594 Aug 13 j 21:12	3°♌33'55	
	-3594 Aug 17 j 08:00	30°℞♋	
min. Earth dist.	-3594 Aug 17 j 23:34	29°♋13'24	0.66107 AU
inferior conj	-3594 Aug 19 j 12:15	27°♋21'01	-2°-25'-13
minimum elong	-3594 Aug 19 j 15:30	27°♋11'04	2°23'58
morning rise	-3594 Aug 25 j 10:44	21°♋30'59	
asc. node	-3594 Aug 27 j 02:42	20°♋49'32	
direct	-3594 Aug 28 j 11:12	20°♋39'06	
morning max el	-3594 Sep 04 j 06:29	24°♋27'28	18°46'31
	-3594 Sep 08 j 20:24	0°♌	
morning set	-3594 Sep 25 j 07:05	25°♌23'35	
	-3594 Sep 28 j 04:28	0°♍	
desc. node	-3594 Oct 08 j 07:06	15°♍59'59	
superior conj	-3594 Oct 11 j 08:26	20°♍48'52	0°-19'-21
minimum elong	-3594 Oct 11 j 05:53	20°♍38'50	0°19'00
max. Earth dist.	-3594 Oct 11 j 04:26	20°♍33'05	1.44836 AU
	-3594 Oct 17 j 04:11	0°♎	
evening rise	-3594 Oct 27 j 06:28	16°♎04'07	
	-3594 Nov 04 j 23:14	0°♏	
evening max el	-3594 Nov 17 j 15:51	17°♏50'25	18°55'01
asc. node	-3594 Nov 23 j 01:39	21°♏31'54	
retrograde	-3594 Nov 24 j 12:12	21°♏43'28	
evening set	-3594 Nov 27 j 14:35	20°♏48'21	
inferior conj	-3594 Dec 03 j 10:15	15°♏01'18	3°03'36
minimum elong	-3594 Dec 03 j 07:07	15°♏10'58	3°02'40
min. Earth dist.	-3594 Dec 05 j 00:39	13°♏03'01	0.65344 AU
morning rise	-3594 Dec 08 j 22:38	8°♏51'50	
direct	-3594 Dec 15 j 12:08	6°♏02'59	
morning max el	-3594 Dec 28 j 11:56	13°♏36'44	26°44'48
desc. node	-3593 Jan 04 j 06:46	21°♏15'50	
	-3593 Jan 10 j 20:35	0°♐	
	-3593 Jan 29 j 10:58	0°♑	
morning set	-3593 Feb 02 j 08:11	7°♑13'36	
max. Earth dist.	-3593 Feb 06 j 17:38	15°♑48'40	1.34644 AU
superior conj	-3593 Feb 10 j 21:15	24°♑16'34	-1°-16'-13
minimum elong	-3593 Feb 11 j 00:18	24°♑32'22	1°15'54
	-3593 Feb 13 j 15:04	0°♒	
evening rise	-3593 Feb 18 j 10:49	10°♒05'49	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3593 Feb 19 j 00:55	11°♒18'35	
	-3593 Mar 01 j 01:18	0°♓	
evening max el	-3593 Mar 10 j 00:51	11°♓33'01	21°10'42
retrograde	-3593 Mar 21 j 17:41	17°♓09'11	
evening set	-3593 Mar 24 j 04:25	16°♓55'22	
inferior conj	-3593 Apr 02 j 10:04	12°♓56'52	0°-2'-59
minimum elong	-3593 Apr 02 j 09:55	12°♓57'04	0°03'00
transit middle	-3593 Apr 02 j 09:55	12°♓57'04	0°03'00
transit begin	-3593 Apr 02 j 05:54	13°♓02'46	
transit end	-3593 Apr 02 j 13:57	12°♓51'22	
desc. node	-3593 Apr 02 j 05:45	13°♓02'58	
min. Earth dist.	-3593 Apr 03 j 00:41	12°♓36'11	0.55162 AU
morning rise	-3593 Apr 11 j 14:47	8°♓50'16	
direct	-3593 Apr 14 j 16:51	8°♓29'29	
morning max el	-3593 Apr 27 j 12:28	14°♓39'11	22°22'47
	-3593 May 09 j 05:18	0°♈	
asc. node	-3593 May 18 j 00:29	16°♈31'08	
morning set	-3593 May 19 j 04:31	18°♈55'55	
	-3593 May 24 j 10:09	0°♉	
superior conj	-3593 May 26 j 11:23	4°♉20'52	1°17'50
minimum elong	-3593 May 26 j 08:44	4°♉06'52	1°17'32
max. Earth dist.	-3593 May 29 j 11:46	10°♉38'49	1.34382 AU
evening rise	-3593 Jun 03 j 10:19	20°♉34'20	
	-3593 Jun 08 j 10:14	0°♊	
	-3593 Jun 27 j 09:36	0°♋	
desc. node	-3593 Jun 29 j 04:35	2°♋20'51	
evening max el	-3593 Jul 08 j 01:57	12°♋26'26	27°09'22
retrograde	-3593 Jul 21 j 10:04	19°♋48'18	
evening set	-3593 Jul 28 j 08:48	17°♋01'45	
min. Earth dist.	-3593 Aug 01 j 04:05	13°♋19'16	0.64955 AU
inferior conj	-3593 Aug 03 j 06:10	10°♋57'59	-3°-11'-19
minimum elong	-3593 Aug 03 j 10:01	10°♋47'08	3°10'06
morning rise	-3593 Aug 09 j 12:36	5°♋22'47	
direct	-3593 Aug 12 j 06:51	4°♋41'50	
asc. node	-3593 Aug 13 j 23:47	4°♋57'24	
morning max el	-3593 Aug 18 j 19:42	8°♋14'01	18°13'02
	-3593 Sep 02 j 14:22	0°♌	
morning set	-3593 Sep 06 j 06:05	6°♌05'13	
superior conj	-3593 Sep 20 j 11:28	29°♌18'11	0°29'39
minimum elong	-3593 Sep 20 j 15:01	29°♌32'21	0°29'16
	-3593 Sep 20 j 21:57	0°♍	
max. Earth dist.	-3593 Sep 23 j 22:40	4°♍48'43	1.44634 AU
desc. node	-3593 Sep 25 j 04:03	6°♍44'46	
evening rise	-3593 Oct 07 j 03:05	25°♍26'59	
	-3593 Oct 10 j 01:26	0°♎	
greatest brilliancy	-3593 Oct 23 j 22:14	21°♎01'55	-0.7m
	-3593 Oct 30 j 18:29	0°♏	
evening max el	-3593 Oct 31 j 23:12	1°♏17'41	19°43'30
retrograde	-3593 Nov 08 j 08:53	5°♏36'09	
asc. node	-3593 Nov 09 j 22:44	5°♏21'46	
evening set	-3593 Nov 11 j 19:05	4°♏27'39	
	-3593 Nov 16 j 04:44	30°℞♎	
inferior conj	-3593 Nov 17 j 09:31	28°♎26'53	2°21'48
minimum elong	-3593 Nov 17 j 06:42	28°♎36'07	2°20'47
min. Earth dist.	-3593 Nov 18 j 10:35	27°♎04'47	0.66360 AU
morning rise	-3593 Nov 22 j 17:38	22°♎12'28	
direct	-3593 Nov 28 j 17:37	19°♎35'31	
morning max el	-3593 Dec 10 j 20:59	26°♎46'14	25°36'33
	-3593 Dec 13 j 21:38	0°♏	
desc. node	-3593 Dec 22 j 03:46	10°♏17'46	
	-3592 Jan 04 j 11:27	0°♐	
morning set	-3592 Jan 16 j 02:19	19°♐51'13	
max. Earth dist.	-3592 Jan 19 j 22:51	27°♐01'34	1.36211 AU
	-3592 Jan 21 j 12:09	0°♑	

superior conj	-3592 Jan 25 j 14:45	8°♑04'44	-1°-35'-51
minimum elong	-3592 Jan 25 j 17:55	8°♑20'34	1°35'41
evening rise	-3592 Feb 02 j 16:14	24°♑28'01	
	-3592 Feb 05 j 10:33	0°♒	
asc. node	-3592 Feb 05 j 21:55	0°♒55'45	
evening max el	-3592 Feb 20 j 10:23	23°♒05'05	19°56'07
retrograde	-3592 Mar 01 j 10:29	27°♒50'09	
evening set	-3592 Mar 03 j 17:29	27°♒36'19	
inferior conj	-3592 Mar 12 j 10:10	23°♒35'18	1°47'36
minimum elong	-3592 Mar 12 j 14:23	23°♒28'50	1°46'13
min. Earth dist.	-3592 Mar 14 j 14:45	22°♒14'56	0.55809 AU
desc. node	-3592 Mar 19 j 02:51	19°♒51'55	
morning rise	-3592 Mar 21 j 08:18	19°♒03'23	
direct	-3592 Mar 25 j 09:42	18°♒27'02	
morning max el	-3592 Apr 08 j 05:20	25°♒20'13	24°01'57
	-3592 Apr 12 j 13:22	0°♓	
	-3592 Apr 30 j 18:44	0°♈	
morning set	-3592 May 02 j 16:29	3°♈56'55	
asc. node	-3592 May 03 j 21:29	6°♈29'55	
superior conj	-3592 May 09 j 18:59	19°♈11'15	0°57'59
minimum elong	-3592 May 09 j 16:43	18°♈59'02	0°57'36
max. Earth dist.	-3592 May 11 j 15:29	23°♈09'55	1.33422 AU
	-3592 May 14 j 21:25	0°♉	
evening rise	-3592 May 17 j 06:16	4°♉50'29	
	-3592 May 31 j 02:40	0°♊	
desc. node	-3592 Jun 15 j 01:40	20°♊49'05	
evening max el	-3592 Jun 19 j 12:14	25°♊30'07	27°25'19
	-3592 Jun 25 j 00:34	0°♋	
retrograde	-3592 Jul 03 j 04:48	2°♋53'12	
evening set	-3592 Jul 10 j 08:39	0°♋15'10	
	-3592 Jul 10 j 16:46	30°℞♊	
min. Earth dist.	-3592 Jul 13 j 23:12	27°♊06'10	0.63428 AU
inferior conj	-3592 Jul 16 j 15:13	24°♊23'28	-3°-49'-34
minimum elong	-3592 Jul 16 j 18:51	24°♊14'12	3°48'44
morning rise	-3592 Jul 23 j 07:02	19°♊06'25	
direct	-3592 Jul 25 j 21:19	18°♊33'42	
asc. node	-3592 Jul 30 j 20:52	20°♊34'05	
morning max el	-3592 Aug 01 j 10:39	21°♊58'10	17°57'12
	-3592 Aug 07 j 14:55	0°♋	
morning set	-3592 Aug 18 j 06:03	17°♋57'58	
	-3592 Aug 25 j 05:08	0°♌	
superior conj	-3592 Aug 30 j 11:29	8°♌50'52	1°09'36
minimum elong	-3592 Aug 30 j 17:13	9°♌14'37	1°09'04
max. Earth dist.	-3592 Sep 05 j 14:40	18°♌51'14	1.43737 AU
desc. node	-3592 Sep 11 j 01:00	27°♌28'49	
	-3592 Sep 12 j 15:37	0°♍	
evening rise	-3592 Sep 15 j 08:27	4°♍11'56	
	-3592 Oct 02 j 13:27	0°♎	
greatest brilliancy	-3592 Oct 08 j 04:37	7°♎46'21	-0.5m
evening max el	-3592 Oct 14 j 00:54	14°♎43'45	20°46'11
retrograde	-3592 Oct 22 j 06:06	19°♎35'13	
evening set	-3592 Oct 26 j 02:18	18°♎10'44	
asc. node	-3592 Oct 26 j 19:50	17°♎35'23	
inferior conj	-3592 Oct 31 j 13:10	11°♎59'35	1°34'12
minimum elong	-3592 Oct 31 j 11:07	12°♎06'32	1°33'23
min. Earth dist.	-3592 Nov 01 j 02:26	11°♎14'26	0.67028 AU
morning rise	-3592 Nov 05 j 19:32	5°♎42'42	
direct	-3592 Nov 11 j 04:10	3°♎24'28	
morning max el	-3592 Nov 22 j 05:41	10°♎00'13	24°14'16
desc. node	-3592 Dec 08 j 00:45	29°♎54'18	
	-3592 Dec 08 j 02:20	0°♏	
	-3592 Dec 27 j 04:18	0°♐	
morning set	-3592 Dec 27 j 23:06	1°♐20'58	
max. Earth dist.	-3592 Dec 31 j 20:04	8°♐10'46	1.38133 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3591 Jan 07 j 20:39	21°♐13'18	-1°-49'-58
minimum elong	-3591 Jan 07 j 22:55	21°♐24'10	1°50'00
	-3591 Jan 12 j 09:01	0°♑	
evening rise	-3591 Jan 16 j 15:21	8°♑25'17	
asc. node	-3591 Jan 22 j 18:57	20°♑10'04	
	-3591 Jan 28 j 20:25	0°♒	
evening max el	-3591 Feb 02 j 06:13	5°♒12'41	19°00'19
retrograde	-3591 Feb 10 j 18:08	9°♒17'16	
evening set	-3591 Feb 13 j 03:02	8°♒59'33	
inferior conj	-3591 Feb 21 j 02:44	4°♒43'32	3°07'44
minimum elong	-3591 Feb 21 j 07:24	4°♒35'16	3°06'36
min. Earth dist.	-3591 Feb 24 j 06:09	2°♒31'21	0.57226 AU
	-3591 Feb 28 j 14:32	30°℞♑	
morning rise	-3591 Mar 01 j 07:57	29°♑41'07	
desc. node	-3591 Mar 05 j 23:57	28°♑35'59	
direct	-3591 Mar 06 j 14:38	28°♑35'05	
	-3591 Mar 12 j 15:22	0°♒	
morning max el	-3591 Mar 20 j 20:23	5°♒56'13	25°36'29
	-3591 Apr 07 j 09:03	0°♓	
morning set	-3591 Apr 17 j 04:34	18°♓59'15	
asc. node	-3591 Apr 20 j 18:29	26°♓38'17	
	-3591 Apr 22 j 07:35	0°♈	
superior conj	-3591 Apr 24 j 05:34	4°♈10'50	0°35'29
minimum elong	-3591 Apr 24 j 04:04	4°♈02'37	0°35'11
max. Earth dist.	-3591 Apr 25 j 01:44	6°♈00'41	1.32814 AU
evening rise	-3591 May 01 j 09:40	19°♈29'18	
	-3591 May 06 j 16:53	0°♉	
	-3591 May 25 j 14:15	0°♊	
desc. node	-3591 Jun 01 j 22:45	8°♊10'38	
evening max el	-3591 Jun 01 j 18:47	8°♊01'11	27°09'27
retrograde	-3591 Jun 15 j 17:06	15°♊23'05	
evening set	-3591 Jun 22 j 16:51	13°♊07'42	
min. Earth dist.	-3591 Jun 26 j 08:18	10°♊21'10	0.61570 AU
inferior conj	-3591 Jun 29 j 12:16	7°♊30'34	-4°-15'-9
minimum elong	-3591 Jun 29 j 14:27	7°♊25'37	4°14'51
morning rise	-3591 Jul 06 j 14:50	2°♊34'31	
direct	-3591 Jul 09 j 03:01	2°♊07'57	
morning max el	-3591 Jul 16 j 00:37	5°♊34'15	17°59'55
asc. node	-3591 Jul 17 j 17:56	7°♊25'04	
	-3591 Jul 31 j 15:12	0°♋	
morning set	-3591 Aug 01 j 01:36	0°♋47'33	
superior conj	-3591 Aug 11 j 15:22	19°♋47'04	1°35'15
minimum elong	-3591 Aug 11 j 19:33	20°♋05'16	1°35'04
	-3591 Aug 17 j 15:08	0°♌	
max. Earth dist.	-3591 Aug 19 j 01:25	2°♌22'21	1.42267 AU
evening rise	-3591 Aug 25 j 17:25	13°♌09'08	
desc. node	-3591 Aug 28 j 21:59	18°♌09'25	
	-3591 Sep 05 j 16:54	0°♍	
greatest brilliancy	-3591 Sep 22 j 01:21	22°♍42'45	-0.4m
evening max el	-3591 Sep 26 j 20:23	28°♍09'05	21°59'50
	-3591 Sep 28 j 18:57	0°♎	
retrograde	-3591 Oct 06 j 02:03	3°♎38'31	
evening set	-3591 Oct 10 j 10:20	1°♎55'55	
	-3591 Oct 12 j 10:14	30°℞♍	
asc. node	-3591 Oct 13 j 16:57	28°♍27'21	
inferior conj	-3591 Oct 15 j 19:15	25°♍37'59	0°42'53
minimum elong	-3591 Oct 15 j 18:16	25°♍41'23	0°42'29
min. Earth dist.	-3591 Oct 15 j 21:53	25°♍28'52	0.67381 AU
morning rise	-3591 Oct 21 j 01:59	19°♍21'19	
direct	-3591 Oct 25 j 19:21	17°♍24'36	
morning max el	-3591 Nov 04 j 16:12	23°♍17'32	22°47'33
greatest brilliancy	-3591 Nov 09 j 10:33	28°♍38'48	-0.3m
	-3591 Nov 10 j 12:55	0°♎	
desc. node	-3591 Nov 24 j 21:43	19°♎55'37	
	-3591 Dec 01 j 12:26	0°♏	
morning set	-3591 Dec 08 j 16:42	11°♏29'07	
max. Earth dist.	-3591 Dec 13 j 16:20	19°♏50'11	1.40205 AU
	-3591 Dec 19 j 11:44	0°♐	
superior conj	-3591 Dec 21 j 10:20	3°♐30'20	-1°-55'-33
minimum elong	-3591 Dec 21 j 10:17	3°♐30'05	1°55'41
evening rise	-3591 Dec 31 j 05:22	21°♐50'32	
	-3590 Jan 04 j 13:34	0°♑	
asc. node	-3590 Jan 09 j 16:00	8°♑53'55	
evening max el	-3590 Jan 16 j 10:26	17°♑50'44	18°24'38
retrograde	-3590 Jan 23 j 20:15	21°♑29'49	
evening set	-3590 Jan 26 j 08:08	21°♑06'10	
inferior conj	-3590 Feb 02 j 15:52	16°♑29'43	3°50'30
minimum elong	-3590 Feb 02 j 18:14	16°♑24'49	3°50'07
min. Earth dist.	-3590 Feb 06 j 01:15	13°♑43'45	0.59114 AU
morning rise	-3590 Feb 10 j 00:54	11°♑02'37	
direct	-3590 Feb 16 j 08:45	9°♑17'44	
desc. node	-3590 Feb 20 j 21:03	10°♑08'52	
morning max el	-3590 Mar 02 j 15:06	16°♑53'46	26°51'07
	-3590 Mar 13 j 10:36	0°♒	
	-3590 Mar 30 j 17:11	0°♓	
morning set	-3590 Apr 01 j 15:00	3°♓55'44	
asc. node	-3590 Apr 07 j 15:29	16°♓51'09	
superior conj	-3590 Apr 08 j 17:18	19°♓12'28	0°11'16
minimum elong	-3590 Apr 08 j 16:48	19°♓09'44	0°11'07
behind sun begin	-3590 Apr 08 j 13:14	18°♓50'12	
behind sun end	-3590 Apr 08 j 20:22	19°♓29'16	
max. Earth dist.	-3590 Apr 08 j 14:54	18°♓59'19	1.32553 AU
	-3590 Apr 13 j 16:28	0°♈	
evening rise	-3590 Apr 15 j 17:50	4°♈21'13	
	-3590 Apr 29 j 12:40	0°♉	
evening max el	-3590 May 14 j 19:32	19°♉50'35	26°21'07
desc. node	-3590 May 19 j 19:53	23°♉56'52	
retrograde	-3590 May 28 j 21:31	27°♉08'53	
evening set	-3590 Jun 04 j 05:12	25°♉28'29	
min. Earth dist.	-3590 Jun 08 j 08:35	22°♉47'49	0.59530 AU
inferior conj	-3590 Jun 11 j 17:39	20°♉09'19	-4°-20'-43
minimum elong	-3590 Jun 11 j 16:54	20°♉10'48	4°20'37
morning rise	-3590 Jun 19 j 08:14	15°♉35'21	
direct	-3590 Jun 21 j 19:36	15°♉13'33	
morning max el	-3590 Jun 29 j 10:37	18°♉53'04	18°22'04
asc. node	-3590 Jul 04 j 15:00	25°♉13'57	
	-3590 Jul 07 j 15:19	0°♊	
morning set	-3590 Jul 15 j 11:32	14°♊19'50	
	-3590 Jul 23 j 18:27	0°♋	
superior conj	-3590 Jul 24 j 19:48	1°♋56'45	1°47'17
minimum elong	-3590 Jul 24 j 21:18	2°♋03'40	1°47'23
max. Earth dist.	-3590 Aug 01 j 06:12	15°♋10'02	1.40427 AU
evening rise	-3590 Aug 05 j 22:54	23°♋05'11	
	-3590 Aug 10 j 05:05	0°♌	
desc. node	-3590 Aug 15 j 19:00	8°♌42'27	
	-3590 Aug 30 j 16:07	0°♍	
evening max el	-3590 Sep 09 j 10:42	11°♍35'31	23°19'49
retrograde	-3590 Sep 19 j 19:16	17°♍43'18	
evening set	-3590 Sep 24 j 17:27	15°♍41'19	
inferior conj	-3590 Sep 30 j 01:56	9°♍20'23	0°-10'-23
minimum elong	-3590 Sep 30 j 02:11	9°♍19'33	0°10'15
transit middle	-3590 Sep 30 j 02:11	9°♍19'33	0°10'15
transit begin	-3590 Sep 30 j 00:04	9°♍26'47	
transit end	-3590 Sep 30 j 04:17	9°♍12'19	
min. Earth dist.	-3590 Sep 29 j 18:24	9°♍46'14	0.67433 AU
asc. node	-3590 Sep 30 j 14:03	8°♍38'51	
morning rise	-3590 Oct 05 j 10:56	3°♍07'00	
direct	-3590 Oct 09 j 14:18	1°♍31'34	
morning max el	-3590 Oct 18 j 07:37	6°♍40'45	21°24'52

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

greatest brilliancy	-3590 Oct 23 j 13:29	12°♍44'27	-0.4m	
	-3590 Nov 04 j 22:58	0°♎		
desc. node	-3590 Nov 11 j 18:42	10°♎14'38		
morning set	-3590 Nov 18 j 06:21	20°♎18'22		
	-3590 Nov 24 j 07:32	0°♏		
max. Earth dist.	-3590 Nov 25 j 18:06	2°♏21'28	1.42149 AU	
superior conj	-3590 Dec 03 j 02:18	14°♏42'33	-1°-48'-52	
minimum elong	-3590 Dec 02 j 22:35	14°♏26'33	1°48'46	
	-3590 Dec 11 j 17:48	0°♐		
evening rise	-3590 Dec 14 j 06:44	4°♐36'12		
asc. node	-3590 Dec 27 j 13:04	26°♐57'45		
	-3590 Dec 30 j 00:35	0°♑		
evening max el	-3590 Dec 30 j 20:16	0°♑51'11	18°08'53	
retrograde	-3589 Jan 06 j 14:47	4°♑19'19		
evening set	-3589 Jan 09 j 05:39	3°♑48'32		
	-3589 Jan 14 j 18:02	30°℞♐		
inferior conj	-3589 Jan 16 j 00:02	28°♐50'09	4°01'54	
minimum elong	-3589 Jan 15 j 23:44	28°♐50'52	4°01'45	
min. Earth dist.	-3589 Jan 19 j 02:43	25°♐54'32	0.61136 AU	
morning rise	-3589 Jan 22 j 15:16	23°♐06'02		
direct	-3589 Jan 29 j 13:36	20°♐45'44		
desc. node	-3589 Feb 07 j 18:07	24°♐17'30		
morning max el	-3589 Feb 12 j 15:50	28°♐28'35	27°34'23	
	-3589 Feb 14 j 03:52	0°♑		
	-3589 Mar 07 j 03:54	0°♒		
morning set	-3589 Mar 16 j 21:54	18°♒39'32		
	-3589 Mar 22 j 06:32	0°♓		
max. Earth dist.	-3589 Mar 23 j 03:19	1°♓52'46	1.32639 AU	
superior conj	-3589 Mar 24 j 04:34	4°♓10'11	0°-13'-53	
minimum elong	-3589 Mar 24 j 05:11	4°♓13'37	0°13'50	
behind sun begin	-3589 Mar 24 j 02:43	4°♓00'10		
behind sun end	-3589 Mar 24 j 07:39	4°♓27'04		
asc. node	-3589 Mar 25 j 12:30	7°♓04'29		
evening rise	-3589 Mar 31 j 04:43	19°♓18'48		
	-3589 Apr 05 j 11:27	0°♈		
	-3589 Apr 25 j 13:56	0°♉		
evening max el	-3589 Apr 26 j 14:21	1°♉00'07	25°05'27	
desc. node	-3589 May 06 j 16:59	7°♉32'22		
retrograde	-3589 May 10 j 15:25	8°♉08'27		
evening set	-3589 May 15 j 19:39	7°♉06'37		
min. Earth dist.	-3589 May 21 j 02:38	4°♉15'13	0.57576 AU	
inferior conj	-3589 May 24 j 04:04	2°♉10'50	-3°-56'-14	
minimum elong	-3589 May 23 j 23:41	2°♉18'20	3°55'31	
	-3589 May 27 j 13:16	30°℞♈		
morning rise	-3589 Jun 01 j 07:47	27°♈57'24		
direct	-3589 Jun 03 j 19:13	27°♈39'13		
	-3589 Jun 10 j 10:36	0°♉		
morning max el	-3589 Jun 12 j 13:41	1°♉45'15	19°04'28	
asc. node	-3589 Jun 21 j 12:02	13°♉47'34		
morning set	-3589 Jun 29 j 07:47	28°♉24'44		
	-3589 Jun 30 j 03:05	0°♊		
superior conj	-3589 Jul 07 j 19:03	15°♊03'56	1°48'19	
minimum elong	-3589 Jul 07 j 18:20	15°♊00'25	1°48'26	
max. Earth dist.	-3589 Jul 14 j 08:03	27°♊18'02	1.38472 AU	
	-3589 Jul 15 j 20:06	0°♋		
evening rise	-3589 Jul 18 j 06:32	4°♋17'13		
desc. node	-3589 Aug 02 j 16:03	29°♋03'08		
	-3589 Aug 03 j 07:25	0°♌		
evening max el	-3589 Aug 22 j 22:10	25°♌05'09	24°39'35	
	-3589 Aug 28 j 22:41	0°♍		
retrograde	-3589 Sep 03 j 08:36	1°♍45'57		
	-3589 Sep 08 j 04:29	30°℞♌		
evening set	-3589 Sep 08 j 21:51	29°♌25'00		
min. Earth dist.	-3589 Sep 13 j 13:28	24°♌04'51	0.67182 AU	
inferior conj	-3589 Sep 14 j 07:30	23°♌04'40	-1°-4'-3	
minimum elong	-3589 Sep 14 j 09:01	22°♌59'37	1°03'21	
asc. node	-3589 Sep 17 j 11:10	19°♌08'11		
morning rise	-3589 Sep 19 j 20:29	16°♌57'51		
direct	-3589 Sep 23 j 11:42	15°♌41'44		
morning max el	-3589 Oct 01 j 06:03	20°♌12'28	20°12'15	
greatest brilliancy	-3589 Oct 08 j 05:25	28°♌44'03	-0.6m	
	-3589 Oct 09 j 03:29	0°♍		
morning set	-3589 Oct 28 j 04:36	28°♍29'38		
	-3589 Oct 29 j 03:54	0°♎		
desc. node	-3589 Oct 29 j 15:40	0°♎45'42		
max. Earth dist.	-3589 Nov 08 j 03:45	15°♎44'37	1.43693 AU	
superior conj	-3589 Nov 13 j 15:32	24°♎38'22	-1°-26'-15	
minimum elong	-3589 Nov 13 j 08:39	24°♎10'11	1°25'40	
	-3589 Nov 16 j 21:25	0°♏		
evening rise	-3589 Nov 26 j 15:09	16°♏33'14		
	-3589 Dec 04 j 11:12	0°♐		
asc. node	-3589 Dec 14 j 10:09	14°♐08'58		
evening max el	-3589 Dec 14 j 08:40	14°♐05'14	18°12'24	
retrograde	-3589 Dec 20 j 21:36	17°♐35'04		
evening set	-3589 Dec 23 j 15:52	16°♐56'03		
inferior conj	-3589 Dec 29 j 23:36	11°♐36'34	3°50'41	
minimum elong	-3589 Dec 29 j 21:26	11°♐42'23	3°50'18	
min. Earth dist.	-3588 Jan 01 j 13:02	8°♐53'02	0.63018 AU	
morning rise	-3588 Jan 05 j 01:15	5°♐40'17		
direct	-3588 Jan 12 j 02:35	2°♐57'24		
desc. node	-3588 Jan 25 j 15:10	10°♐25'28		
morning max el	-3588 Jan 25 j 21:55	10°♐42'01	27°41'31	
	-3588 Feb 10 j 03:34	0°♑		
	-3588 Feb 27 j 10:25	0°♒		
morning set	-3588 Feb 28 j 22:58	3°♒01'49		
max. Earth dist.	-3588 Mar 05 j 11:07	14°♒26'44	1.33091 AU	
superior conj	-3588 Mar 07 j 13:35	18°♒56'56	0°-39'-5	
minimum elong	-3588 Mar 07 j 15:19	19°♒06'20	0°38'50	
asc. node	-3588 Mar 11 j 09:31	27°♒13'26		
	-3588 Mar 12 j 16:30	0°♓		
evening rise	-3588 Mar 14 j 16:23	4°♓14'21		
	-3588 Mar 28 j 17:43	0°♈		
evening max el	-3588 Apr 07 j 06:10	11°♈44'30	23°33'49	
retrograde	-3588 Apr 20 j 20:40	18°♈30'19		
desc. node	-3588 Apr 22 j 14:04	18°♈23'40		
evening set	-3588 Apr 24 j 16:42	17°♈58'03		
min. Earth dist.	-3588 May 01 j 17:15	14°♈43'30	0.56029 AU	
inferior conj	-3588 May 03 j 18:28	13°♈29'51	-2°-52'-19	
minimum elong	-3588 May 03 j 12:23	13°♈38'59	2°50'41	
morning rise	-3588 May 12 j 11:33	9°♈30'56		
direct	-3588 May 15 j 00:08	9°♈14'57		
morning max el	-3588 May 25 j 07:17	14°♈01'53	20°07'24	
	-3588 Jun 05 j 18:46	0°♉		
asc. node	-3588 Jun 07 j 09:04	2°♉55'21		
morning set	-3588 Jun 12 j 11:20	12°♉54'20		
superior conj	-3588 Jun 20 j 07:59	28°♉54'25	1°41'04	
minimum elong	-3588 Jun 20 j 05:53	28°♉43'55	1°41'01	
	-3588 Jun 20 j 21:04	0°♊		
max. Earth dist.	-3588 Jun 25 j 12:44	9°♊06'34	1.36638 AU	
evening rise	-3588 Jun 29 j 13:31	16°♊39'06		
	-3588 Jul 07 j 04:55	0°♋		
desc. node	-3588 Jul 19 j 13:04	19°♋05'30		
	-3588 Jul 27 j 16:35	0°♌		
evening max el	-3588 Aug 04 j 09:02	8°♌37'22	25°51'26	
retrograde	-3588 Aug 16 j 17:23	15°♌42'06		
evening set	-3588 Aug 22 j 21:37	13°♌05'11		
min. Earth dist.	-3588 Aug 27 j 04:37	8°♌22'42	0.66604 AU	
inferior conj	-3588 Aug 28 j 10:09	6°♌48'51	-1°-56'-24	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3588 Aug 28 j 12:50	6°♌40'18	1°55'17
morning rise	-3588 Sep 03 j 04:44	0°♌51'56	
asc. node	-3588 Sep 03 j 08:15	0°♌46'37	
	-3588 Sep 05 j 05:51	30°℞♋	
direct	-3588 Sep 06 j 09:58	29°♋52'08	
	-3588 Sep 07 j 14:32	0°♌	
morning max el	-3588 Sep 13 j 11:41	3°♌53'06	19°13'23
	-3588 Oct 01 j 20:42	0°♍	
morning set	-3588 Oct 06 j 11:03	7°♍11'48	
desc. node	-3588 Oct 15 j 12:39	21°♍24'59	
	-3588 Oct 20 j 23:27	0°♎	
max. Earth dist.	-3588 Oct 20 j 19:34	29°♍44'38	1.44626 AU
superior conj	-3588 Oct 23 j 02:58	3°♎23'53	0°-47'-6
minimum elong	-3588 Oct 22 j 21:15	3°♎01'15	0°46'25
evening rise	-3588 Nov 07 j 02:05	27°♎33'34	
	-3588 Nov 08 j 13:41	0°♏	
evening max el	-3588 Nov 26 j 20:57	27°♏27'27	18°34'21
	-3588 Nov 29 j 22:00	0°♐	
asc. node	-3588 Nov 30 j 07:12	0°♐13'40	
retrograde	-3588 Dec 03 j 12:30	1°♐09'31	
evening set	-3588 Dec 06 j 11:25	0°♐20'48	
	-3588 Dec 07 j 01:26	30°℞♏	
inferior conj	-3588 Dec 12 j 10:53	24°♏42'42	3°23'59
minimum elong	-3588 Dec 12 j 07:51	24°♏51'37	3°23'14
min. Earth dist.	-3588 Dec 14 j 09:26	22°♏25'40	0.64599 AU
morning rise	-3588 Dec 18 j 03:04	18°♏37'09	
direct	-3588 Dec 24 j 22:30	15°♏46'50	
morning max el	-3587 Jan 07 j 07:12	23°♏27'19	27°14'01
desc. node	-3587 Jan 11 j 12:13	27°♏59'53	
	-3587 Jan 13 j 04:41	0°♐	
	-3587 Feb 02 j 10:26	0°♑	
morning set	-3587 Feb 11 j 15:17	16°♑53'21	
max. Earth dist.	-3587 Feb 16 j 10:27	26°♑29'52	1.33952 AU
	-3587 Feb 18 j 03:04	0°♒	
superior conj	-3587 Feb 19 j 18:28	3°♒26'34	-1°-3'-16
minimum elong	-3587 Feb 19 j 21:09	3°♒40'43	1°02'57
asc. node	-3587 Feb 26 j 06:31	17°♒13'47	
evening rise	-3587 Feb 27 j 03:07	19°♒01'40	
	-3587 Mar 04 j 14:22	0°♓	
evening max el	-3587 Mar 20 j 00:55	22°♓30'07	22°00'20
retrograde	-3587 Apr 01 j 14:31	28°♓36'09	
evening set	-3587 Apr 04 j 09:16	28°♓18'57	
desc. node	-3587 Apr 09 j 11:09	26°♓30'35	
inferior conj	-3587 Apr 13 j 17:28	24°♓13'16	-1°-10'-34
minimum elong	-3587 Apr 13 j 14:14	24°♓17'49	1°09'30
min. Earth dist.	-3587 Apr 13 j 06:58	24°♓28'04	0.55211 AU
morning rise	-3587 Apr 22 j 20:31	20°♓15'08	
direct	-3587 Apr 25 j 14:32	19°♓58'13	
morning max el	-3587 May 07 j 14:03	25°♓37'01	21°29'15
	-3587 May 11 j 15:22	0°♈	
asc. node	-3587 May 25 j 06:05	22°♈28'12	
morning set	-3587 May 27 j 19:40	27°♈41'07	
	-3587 May 28 j 22:27	0°♉	
superior conj	-3587 Jun 04 j 06:28	13°♉15'41	1°27'40
minimum elong	-3587 Jun 04 j 03:49	13°♉01'59	1°27'27
max. Earth dist.	-3587 Jun 08 j 01:12	20°♉59'59	1.35095 AU
evening rise	-3587 Jun 12 j 14:33	29°♉56'17	
	-3587 Jun 12 j 15:19	0°♊	
	-3587 Jun 30 j 07:20	0°♋	
desc. node	-3587 Jul 06 j 10:05	8°♋41'04	
evening max el	-3587 Jul 17 j 20:14	22°♋06'01	26°47'20
retrograde	-3587 Jul 30 j 21:13	29°♋24'45	
evening set	-3587 Aug 06 j 14:26	26°♋38'32	
min. Earth dist.	-3587 Aug 10 j 13:31	22°♋34'47	0.65667 AU
inferior conj	-3587 Aug 12 j 07:53	20°♋29'16	-2°-45'-30
minimum elong	-3587 Aug 12 j 11:27	20°♋18'40	2°44'14
morning rise	-3587 Aug 18 j 09:36	14°♋45'27	
direct	-3587 Aug 21 j 07:08	13°♋58'39	
asc. node	-3587 Aug 21 j 05:21	13°♋58'41	
morning max el	-3587 Aug 27 j 22:51	17°♋38'53	18°30'13
	-3587 Sep 06 j 02:35	0°♌	
morning set	-3587 Sep 16 j 17:58	17°♌06'42	
	-3587 Sep 24 j 17:58	0°♍	
superior conj	-3587 Oct 02 j 02:25	11°♍40'05	0°01'55
minimum elong	-3587 Oct 02 j 02:40	11°♍41'03	0°01'56
behind sun begin	-3587 Oct 01 j 15:24	10°♍56'36	
behind sun end	-3587 Oct 02 j 13:56	12°♍25'29	
desc. node	-3587 Oct 02 j 09:37	12°♍08'30	
max. Earth dist.	-3587 Oct 03 j 13:35	13°♍58'45	1.44840 AU
	-3587 Oct 13 j 18:00	0°♎	
evening rise	-3587 Oct 18 j 12:13	7°♎30'08	
greatest brilliancy	-3587 Oct 30 j 07:14	25°♎59'39	-0.7m
	-3587 Nov 01 j 22:55	0°♏	
evening max el	-3587 Nov 10 j 06:37	10°♏53'06	19°13'42
retrograde	-3587 Nov 17 j 08:00	14°♏56'26	
asc. node	-3587 Nov 17 j 04:17	14°♏56'18	
evening set	-3587 Nov 20 j 13:22	13°♏55'58	
inferior conj	-3587 Nov 26 j 06:35	8°♏02'26	2°46'44
minimum elong	-3587 Nov 26 j 03:31	8°♏12'10	2°45'44
min. Earth dist.	-3587 Nov 27 j 15:04	6°♏19'18	0.65816 AU
morning rise	-3587 Dec 01 j 16:47	1°♏50'19	
	-3587 Dec 04 j 08:17	30°℞♎	
direct	-3587 Dec 08 j 00:44	29°♎05'33	
	-3587 Dec 12 j 00:24	0°♏	
morning max el	-3587 Dec 20 j 16:56	6°♏31'42	26°18'08
desc. node	-3587 Dec 29 j 09:16	16°♏35'19	
	-3586 Jan 07 j 22:47	0°♐	
morning set	-3586 Jan 25 j 19:00	0°♑02'39	
	-3586 Jan 25 j 18:26	0°♑	
max. Earth dist.	-3586 Jan 29 j 22:20	7°♑58'07	1.35254 AU
superior conj	-3586 Feb 03 j 16:58	17°♑32'23	-1°-25'-5
minimum elong	-3586 Feb 03 j 20:10	17°♑48'44	1°24'49
	-3586 Feb 09 j 17:26	0°♒	
evening rise	-3586 Feb 11 j 11:04	3°♒35'00	
asc. node	-3586 Feb 13 j 03:31	7°♒01'05	
	-3586 Feb 26 j 18:54	0°♓	
evening max el	-3586 Mar 02 j 04:23	3°♓42'15	20°36'53
retrograde	-3586 Mar 13 j 04:26	8°♓56'41	
evening set	-3586 Mar 15 j 12:06	8°♓43'39	
inferior conj	-3586 Mar 24 j 13:10	4°♓45'55	0°46'20
minimum elong	-3586 Mar 24 j 15:14	4°♓42'54	0°45'34
min. Earth dist.	-3586 Mar 25 j 21:13	3°♓59'25	0.55318 AU
desc. node	-3586 Mar 27 j 08:16	3°♓09'50	
morning rise	-3586 Apr 02 j 16:36	0°♓29'46	
direct	-3586 Apr 06 j 02:53	0°♓04'10	
morning max el	-3586 Apr 19 j 11:06	6°♓34'38	23°04'42
	-3586 May 05 j 22:06	0°♈	
morning set	-3586 May 12 j 06:51	12°♈38'58	
asc. node	-3586 May 12 j 03:06	12°♈19'26	
superior conj	-3586 May 19 j 11:29	27°♈58'22	1°09'48
minimum elong	-3586 May 19 j 08:57	27°♈44'48	1°09'28
	-3586 May 20 j 10:23	0°♉	
max. Earth dist.	-3586 May 21 j 23:28	3°♉15'29	1.33921 AU
evening rise	-3586 May 27 j 04:49	13°♉55'02	
	-3586 Jun 04 j 19:55	0°♊	
desc. node	-3586 Jun 23 j 07:07	27°♊38'32	
	-3586 Jun 25 j 06:23	0°♋	
evening max el	-3586 Jun 30 j 07:20	5°♋22'25	27°19'45

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3586 Jul 13 j 19:45	12°♋46'15	
evening set	-3586 Jul 20 j 21:31	10°♋01'24	
min. Earth dist.	-3586 Jul 24 j 14:13	6°♋34'11	0.64351 AU
inferior conj	-3586 Jul 26 j 22:23	4°♋02'11	-3°-28'-45
minimum elong	-3586 Jul 27 j 02:15	3°♋51'39	3°27'40
	-3586 Jul 31 j 02:02	30°℞♊	
morning rise	-3586 Aug 02 j 08:41	28°♊34'30	
direct	-3586 Aug 05 j 00:51	27°♊57'31	
asc. node	-3586 Aug 08 j 02:27	28°♊45'55	
	-3586 Aug 09 j 23:17	0°♋	
morning max el	-3586 Aug 11 j 13:12	1°♋25'33	18°04'02
morning set	-3586 Aug 29 j 04:10	28°♋19'59	
	-3586 Aug 30 j 03:45	0°♌	
superior conj	-3586 Sep 11 j 12:41	20°♌31'48	0°48'12
minimum elong	-3586 Sep 11 j 17:45	20°♌52'18	0°47'39
max. Earth dist.	-3586 Sep 16 j 06:38	28°♌08'41	1.44332 AU
	-3586 Sep 17 j 10:41	0°♍	
desc. node	-3586 Sep 19 j 06:33	2°♍53'11	
evening rise	-3586 Sep 28 j 00:29	16°♍31'37	
	-3586 Oct 06 j 19:26	0°♎	
greatest brilliancy	-3586 Oct 17 j 13:12	15°♎45'37	-0.6m
evening max el	-3586 Oct 24 j 11:40	24°♎19'38	20°08'38
retrograde	-3586 Nov 01 j 05:11	28°♎51'43	
asc. node	-3586 Nov 04 j 01:23	28°♎04'53	
evening set	-3586 Nov 04 j 19:16	27°♎36'55	
inferior conj	-3586 Nov 10 j 08:00	21°♎31'23	2°02'12
minimum elong	-3586 Nov 10 j 05:28	21°♎39'51	2°01'13
min. Earth dist.	-3586 Nov 11 j 03:57	20°♎24'45	0.66682 AU
morning rise	-3586 Nov 15 j 15:04	15°♎15'21	
direct	-3586 Nov 21 j 08:36	12°♎45'32	
morning max el	-3586 Dec 03 j 01:40	19°♎43'28	25°02'35
	-3586 Dec 11 j 20:58	0°♏	
desc. node	-3586 Dec 16 j 06:15	5°♏53'22	
	-3585 Jan 01 j 02:05	0°♐	
morning set	-3585 Jan 08 j 04:51	12°♐13'34	
max. Earth dist.	-3585 Jan 11 j 23:02	19°♐03'32	1.36986 AU
	-3585 Jan 17 j 16:46	0°♑	
superior conj	-3585 Jan 18 j 06:01	1°♑04'57	-1°-42'-42
minimum elong	-3585 Jan 18 j 08:57	1°♑19'23	1°42'37
evening rise	-3585 Jan 26 j 14:07	17°♑47'06	
asc. node	-3585 Jan 31 j 00:32	26°♑29'14	
	-3585 Feb 01 j 21:54	0°♒	
evening max el	-3585 Feb 12 j 18:34	15°♒30'10	19°30'04
retrograde	-3585 Feb 22 j 02:17	19°♒56'01	
evening set	-3585 Feb 24 j 09:42	19°♒40'57	
inferior conj	-3585 Mar 04 j 19:20	15°♒35'06	2°26'08
minimum elong	-3585 Mar 05 j 00:14	15°♒27'08	2°24'42
min. Earth dist.	-3585 Mar 07 j 12:00	13°♒50'47	0.56328 AU
morning rise	-3585 Mar 13 j 11:06	10°♒49'44	
desc. node	-3585 Mar 14 j 05:23	10°♒35'26	
direct	-3585 Mar 18 j 00:57	10°♒02'11	
morning max el	-3585 Apr 01 j 02:25	17°♒09'59	24°43'35
	-3585 Apr 11 j 13:09	0°♓	
morning set	-3585 Apr 26 j 19:03	27°♓40'49	
	-3585 Apr 27 j 21:24	0°♈	
asc. node	-3585 Apr 29 j 00:06	2°♈22'32	
superior conj	-3585 May 03 j 20:36	12°♈53'20	0°48'43
minimum elong	-3585 May 03 j 18:37	12°♈42'34	0°48'22
max. Earth dist.	-3585 May 05 j 06:12	15°♈54'58	1.33120 AU
evening rise	-3585 May 11 j 04:19	28°♈22'00	
	-3585 May 11 j 23:41	0°♉	
	-3585 May 29 j 01:21	0°♊	
desc. node	-3585 Jun 10 j 04:13	15°♊41'11	
evening max el	-3585 Jun 12 j 16:27	18°♊13'51	27°22'41
retrograde	-3585 Jun 26 j 12:06	25°♊36'52	
evening set	-3585 Jul 03 j 15:15	23°♊06'59	
min. Earth dist.	-3585 Jul 07 j 05:19	20°♊08'56	0.62668 AU
inferior conj	-3585 Jul 10 j 02:46	17°♊20'53	-4°-2'-22
minimum elong	-3585 Jul 10 j 05:57	17°♊13'07	4°01'46
morning rise	-3585 Jul 16 j 22:59	12°♊12'16	
direct	-3585 Jul 19 j 12:03	11°♊42'26	
asc. node	-3585 Jul 25 j 23:32	14°♊55'51	
morning max el	-3585 Jul 26 j 04:03	15°♊06'51	17°55'59
	-3585 Aug 05 j 12:15	0°♋	
morning set	-3585 Aug 11 j 13:14	10°♋38'59	
	-3585 Aug 22 j 15:06	0°♌	
superior conj	-3585 Aug 23 j 00:32	0°♌39'54	1°22'16
minimum elong	-3585 Aug 23 j 05:54	1°♌02'37	1°21'52
max. Earth dist.	-3585 Aug 29 j 20:28	11°♌59'07	1.43174 AU
desc. node	-3585 Sep 06 j 03:32	23°♌36'25	
evening rise	-3585 Sep 07 j 04:55	25°♌15'29	
	-3585 Sep 10 j 06:30	0°♍	
	-3585 Sep 30 j 21:52	0°♎	
greatest brilliancy	-3585 Oct 02 j 04:49	1°♎39'58	-0.4m
evening max el	-3585 Oct 07 j 10:52	7°♎46'08	21°16'29
retrograde	-3585 Oct 16 j 01:59	12°♎53'03	
evening set	-3585 Oct 20 j 03:03	11°♎21'15	
asc. node	-3585 Oct 21 j 22:30	9°♎40'53	
inferior conj	-3585 Oct 25 j 12:55	5°♎07'03	1°12'48
minimum elong	-3585 Oct 25 j 11:18	5°♎12'37	1°12'08
min. Earth dist.	-3585 Oct 25 j 21:39	4°♎37'06	0.67219 AU
	-3585 Oct 29 j 14:00	30°℞♍	
morning rise	-3585 Oct 30 j 19:12	28°♍49'55	
direct	-3585 Nov 04 j 21:24	26°♍40'24	
	-3585 Nov 12 j 04:52	0°♎	
morning max el	-3585 Nov 15 j 10:35	2°♎58'16	23°37'19
desc. node	-3585 Dec 03 j 03:15	25°♎41'47	
	-3585 Dec 06 j 01:14	0°♏	
morning set	-3585 Dec 20 j 14:39	23°♏09'49	
	-3585 Dec 24 j 13:54	0°♐	
max. Earth dist.	-3585 Dec 24 j 18:40	0°♐20'55	1.39014 AU
superior conj	-3584 Jan 01 j 05:42	13°♐53'41	-1°-53'-36
minimum elong	-3584 Jan 01 j 07:11	14°♐00'37	1°53'42
	-3584 Jan 09 j 14:53	0°♑	
evening rise	-3584 Jan 10 j 09:45	1°♑31'39	
asc. node	-3584 Jan 17 j 21:35	15°♑31'36	
evening max el	-3584 Jan 26 j 18:22	27°♑52'01	18°42'42
	-3584 Jan 29 j 09:44	0°♒	
retrograde	-3584 Feb 03 j 17:31	1°♒43'24	
evening set	-3584 Feb 06 j 03:54	1°♒23'11	
	-3584 Feb 09 j 10:04	30°℞♑	
inferior conj	-3584 Feb 13 j 20:31	26°♑58'52	3°30'14
minimum elong	-3584 Feb 14 j 00:24	26°♑51'32	3°29'26
min. Earth dist.	-3584 Feb 17 j 04:27	24°♑29'43	0.57999 AU
morning rise	-3584 Feb 21 j 17:12	21°♑45'21	
direct	-3584 Feb 27 j 11:54	20°♑23'04	
desc. node	-3584 Feb 29 j 02:29	20°♑29'26	
morning max el	-3584 Mar 12 j 18:14	27°♑51'08	26°11'24
	-3584 Mar 14 j 20:43	0°♒	
	-3584 Apr 03 j 22:11	0°♓	
morning set	-3584 Apr 10 j 06:38	12°♓40'56	
asc. node	-3584 Apr 14 j 21:06	22°♓32'57	
superior conj	-3584 Apr 17 j 07:52	27°♓54'02	0°25'23
minimum elong	-3584 Apr 17 j 06:46	27°♓48'00	0°25'08
max. Earth dist.	-3584 Apr 17 j 18:13	28°♓50'37	1.32668 AU
	-3584 Apr 18 j 06:55	0°♈	
evening rise	-3584 Apr 24 j 10:02	13°♈07'13	
	-3584 May 03 j 02:48	0°♉	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3584 May 24 j 09:18	0°♊	
evening max el	-3584 May 24 j 20:57	0°♊28'09	26°52'45
desc. node	-3584 May 27 j 01:19	2°♊25'53	
retrograde	-3584 Jun 07 j 20:56	7°♊47'58	
evening set	-3584 Jun 14 j 15:24	5°♊46'37	
min. Earth dist.	-3584 Jun 18 j 10:28	3°♊04'36	0.60712 AU
inferior conj	-3584 Jun 21 j 17:35	0°♊16'52	-4°-20'-33
minimum elong	-3584 Jun 21 j 18:42	0°♊14'30	4°20'24
	-3584 Jun 22 j 01:31	30°℞♉	
morning rise	-3584 Jun 29 j 01:04	25°♉29'51	
direct	-3584 Jul 01 j 12:53	25°♉05'19	
morning max el	-3584 Jul 08 j 16:35	28°♉35'44	18°06'55
	-3584 Jul 10 j 00:57	0°♊	
asc. node	-3584 Jul 11 j 20:36	2°♊12'44	
morning set	-3584 Jul 24 j 15:28	23°♊48'09	
	-3584 Jul 27 j 23:25	0°♋	
superior conj	-3584 Aug 03 j 15:27	12°♋08'35	1°41'53
minimum elong	-3584 Aug 03 j 18:30	12°♋22'12	1°41'51
max. Earth dist.	-3584 Aug 11 j 05:04	25°♋14'13	1.41517 AU
	-3584 Aug 14 j 01:53	0°♌	
evening rise	-3584 Aug 16 j 21:09	4°♌33'35	
desc. node	-3584 Aug 23 j 00:32	14°♌14'17	
	-3584 Sep 02 j 14:24	0°♍	
greatest brilliancy	-3584 Sep 14 j 09:38	15°♍51'10	-0.3m
evening max el	-3584 Sep 19 j 04:03	21°♍12'09	22°33'27
retrograde	-3584 Sep 28 j 20:47	26°♍57'32	
evening set	-3584 Oct 03 j 10:55	25°♍06'38	
asc. node	-3584 Oct 07 j 19:38	20°♍09'05	
inferior conj	-3584 Oct 08 j 19:28	18°♍47'12	0°20'26
minimum elong	-3584 Oct 08 j 18:59	18°♍48'51	0°20'15
min. Earth dist.	-3584 Oct 08 j 17:45	18°♍53'08	0.67445 AU
morning rise	-3584 Oct 14 j 02:58	12°♍31'48	
direct	-3584 Oct 18 j 14:15	10°♍44'17	
morning max el	-3584 Oct 27 j 22:47	16°♍17'34	22°11'31
greatest brilliancy	-3584 Nov 01 j 16:31	21°♍39'17	-0.4m
	-3584 Nov 08 j 01:18	0°♎	
desc. node	-3584 Nov 19 j 00:14	15°♎51'29	
	-3584 Nov 28 j 03:24	0°♏	
morning set	-3584 Nov 29 j 19:49	2°♏41'54	
max. Earth dist.	-3584 Dec 05 j 17:15	12°♏23'13	1.41074 AU
superior conj	-3584 Dec 13 j 10:51	25°♏44'51	-1°-54'-27
minimum elong	-3584 Dec 13 j 09:21	25°♏38'13	1°54'32
	-3584 Dec 15 j 19:47	0°♐	
evening rise	-3584 Dec 23 j 18:50	14°♐41'01	
	-3583 Jan 01 j 06:34	0°♑	
asc. node	-3583 Jan 03 j 18:39	3°♑59'33	
evening max el	-3583 Jan 09 j 01:16	10°♑40'05	18°15'26
retrograde	-3583 Jan 16 j 03:14	14°♑12'56	
evening set	-3583 Jan 18 j 16:25	13°♑46'17	
inferior conj	-3583 Jan 25 j 18:05	9°♑00'06	3°58'37
minimum elong	-3583 Jan 25 j 19:16	8°♑57'30	3°58'25
min. Earth dist.	-3583 Jan 29 j 01:37	6°♑07'23	0.59980 AU
morning rise	-3583 Feb 01 j 19:07	3°♑25'02	
direct	-3583 Feb 08 j 10:28	1°♑24'22	
desc. node	-3583 Feb 14 j 23:34	3°♑12'04	
morning max el	-3583 Feb 22 j 15:26	9°♑03'14	27°13'55
	-3583 Mar 10 j 16:38	0°♒	
morning set	-3583 Mar 25 j 15:50	27°♒33'01	
	-3583 Mar 26 j 19:58	0°♓	
superior conj	-3583 Apr 01 j 19:35	12°♓54'34	0°00'39
minimum elong	-3583 Apr 01 j 19:34	12°♓54'25	0°00'36
behind sun begin	-3583 Apr 01 j 14:34	12°♓27'02	
behind sun end	-3583 Apr 02 j 00:34	13°♓21'48	
max. Earth dist.	-3583 Apr 01 j 07:45	11°♓49'45	1.32548 AU
asc. node	-3583 Apr 01 j 18:07	12°♓46'28	
evening rise	-3583 Apr 08 j 19:37	28°♓02'29	
	-3583 Apr 09 j 18:09	0°♈	
	-3583 Apr 26 j 18:47	0°♉	
evening max el	-3583 May 06 j 19:01	11°♉59'41	25°51'42
desc. node	-3583 May 13 j 22:25	17°♉21'38	
retrograde	-3583 May 20 j 20:57	19°♉14'34	
evening set	-3583 May 26 j 18:27	17°♉50'37	
min. Earth dist.	-3583 May 31 j 07:25	15°♉07'34	0.58671 AU
inferior conj	-3583 Jun 03 j 15:16	12°♉41'00	-4°-14'-41
minimum elong	-3583 Jun 03 j 12:57	12°♉45'18	4°14'26
morning rise	-3583 Jun 11 j 11:19	8°♉16'24	
direct	-3583 Jun 13 j 22:51	7°♉56'09	
morning max el	-3583 Jun 22 j 00:01	11°♉44'43	18°37'40
asc. node	-3583 Jun 28 j 17:39	20°♉22'18	
	-3583 Jul 04 j 06:35	0°♊	
morning set	-3583 Jul 08 j 06:15	7°♊35'52	
superior conj	-3583 Jul 17 j 04:39	24°♊45'19	1°48'55
minimum elong	-3583 Jul 17 j 05:06	24°♊47'29	1°49'02
	-3583 Jul 20 j 00:37	0°♋	
max. Earth dist.	-3583 Jul 24 j 08:26	7°♋45'29	1.39591 AU
evening rise	-3583 Jul 28 j 13:43	15°♋01'35	
	-3583 Aug 06 j 19:40	0°♌	
desc. node	-3583 Aug 09 j 21:33	4°♌42'59	
	-3583 Aug 28 j 10:05	0°♍	
evening max el	-3583 Sep 01 j 16:45	4°♍39'36	23°54'06
retrograde	-3583 Sep 12 j 12:30	11°♍02'24	
evening set	-3583 Sep 17 j 17:07	8°♍51'52	
min. Earth dist.	-3583 Sep 22 j 13:52	3°♍11'31	0.67367 AU
inferior conj	-3583 Sep 23 j 01:53	2°♍30'39	0°-33'-13
minimum elong	-3583 Sep 23 j 02:40	2°♍27'59	0°32'49
asc. node	-3583 Sep 24 j 16:44	0°♍20'56	
	-3583 Sep 24 j 23:17	30°℞♌	
morning rise	-3583 Sep 28 j 12:24	26°♌19'55	
direct	-3583 Oct 02 j 10:17	24°♌53'14	
morning max el	-3583 Oct 10 j 17:12	29°♌45'02	20°52'32
	-3583 Oct 10 j 23:02	0°♍	
greatest brilliancy	-3583 Oct 16 j 13:21	6°♍38'17	-0.5m
	-3583 Nov 01 j 18:42	0°♎	
desc. node	-3583 Nov 05 j 21:12	6°♎16'22	
morning set	-3583 Nov 09 j 00:31	11°♎08'02	
max. Earth dist.	-3583 Nov 17 j 22:42	25°♎19'05	1.42873 AU
	-3583 Nov 20 j 19:24	0°♏	
superior conj	-3583 Nov 24 j 15:50	6°♏25'07	-1°-41'-21
minimum elong	-3583 Nov 24 j 10:30	6°♏02'41	1°41'04
evening rise	-3583 Dec 06 j 13:35	27°♏07'27	
	-3583 Dec 08 j 04:22	0°♐	
asc. node	-3583 Dec 21 j 15:42	21°♐42'37	
evening max el	-3583 Dec 23 j 12:26	23°♐46'44	18°07'58
retrograde	-3583 Dec 30 j 03:40	27°♐14'34	
evening set	-3582 Jan 01 j 19:45	26°♐40'33	
inferior conj	-3582 Jan 08 j 09:17	21°♐32'50	3°59'25
minimum elong	-3582 Jan 08 j 08:04	21°♐35'54	3°59'13
min. Earth dist.	-3582 Jan 11 j 06:45	18°♐39'58	0.61964 AU
morning rise	-3582 Jan 14 j 18:10	15°♐42'43	
direct	-3582 Jan 21 j 18:50	13°♐11'06	
desc. node	-3582 Feb 01 j 20:38	18°♐15'55	
morning max el	-3582 Feb 04 j 18:56	20°♐55'55	27°41'57
	-3582 Feb 12 j 16:44	0°♑	
	-3582 Mar 03 j 15:08	0°♒	
morning set	-3582 Mar 09 j 20:34	12°♒08'58	
max. Earth dist.	-3582 Mar 15 j 18:43	24°♒36'50	1.32779 AU
superior conj	-3582 Mar 17 j 06:05	27°♒48'18	0°-24'-38
minimum elong	-3582 Mar 17 j 07:12	27°♒54'21	0°24'30

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3582 Mar 18 j 06:19	0°♓	
asc. node	-3582 Mar 19 j 15:06	2°♓58'24	
evening rise	-3582 Mar 24 j 07:01	12°♓59'49	
	-3582 Apr 01 j 23:09	0°♈	
evening max el	-3582 Apr 18 j 11:42	22°♈55'01	24°27'36
desc. node	-3582 Apr 30 j 19:31	29°♈50'47	
retrograde	-3582 May 02 j 10:03	29°♈56'44	
evening set	-3582 May 07 j 00:29	29°♈08'59	
min. Earth dist.	-3582 May 12 j 23:35	26°♈09'04	0.56841 AU
inferior conj	-3582 May 15 j 17:01	24°♈24'23	-3°-34'-16
minimum elong	-3582 May 15 j 11:28	24°♈33'18	3°33'06
morning rise	-3582 May 24 j 02:35	20°♈18'39	
direct	-3582 May 26 j 14:06	20°♈01'47	
morning max el	-3582 Jun 04 j 23:26	24°♈23'23	19°28'50
	-3582 Jun 09 j 19:50	0°♉	
asc. node	-3582 Jun 15 j 14:40	9°♉11'33	
morning set	-3582 Jun 22 j 05:54	21°♉51'57	
	-3582 Jun 26 j 07:08	0°♊	
superior conj	-3582 Jun 30 j 10:17	8°♊12'48	1°46'08
minimum elong	-3582 Jun 30 j 08:53	8°♊05'52	1°46'11
max. Earth dist.	-3582 Jul 06 j 10:18	19°♊40'19	1.37658 AU
evening rise	-3582 Jul 10 j 07:49	26°♊44'41	
	-3582 Jul 12 j 04:15	0°♋	
desc. node	-3582 Jul 27 j 18:35	24°♋56'41	
	-3582 Jul 31 j 07:19	0°♌	
evening max el	-3582 Aug 15 j 03:31	18°♌09'47	25°11'33
retrograde	-3582 Aug 27 j 00:07	25°♌02'55	
evening set	-3582 Sep 01 j 19:48	22°♌34'28	
min. Earth dist.	-3582 Sep 06 j 07:36	17°♌30'00	0.66973 AU
inferior conj	-3582 Sep 07 j 06:25	16°♌15'08	-1°-26'-32
minimum elong	-3582 Sep 07 j 08:27	16°♌08'29	1°25'38
asc. node	-3582 Sep 11 j 13:49	11°♌14'30	
morning rise	-3582 Sep 12 j 21:36	10°♌12'06	
direct	-3582 Sep 16 j 08:09	9°♌03'31	
morning max el	-3582 Sep 23 j 18:51	13°♌20'57	19°45'23
greatest brilliancy	-3582 Oct 01 j 21:56	23°♌36'21	-0.6m
	-3582 Oct 06 j 07:00	0°♍	
morning set	-3582 Oct 18 j 23:20	19°♍24'32	
desc. node	-3582 Oct 23 j 18:12	26°♍51'36	
	-3582 Oct 25 j 18:20	0°♎	
max. Earth dist.	-3582 Oct 31 j 10:45	8°♎58'21	1.44166 AU
superior conj	-3582 Nov 04 j 17:23	15°♎48'57	-1°-11'-29
minimum elong	-3582 Nov 04 j 10:16	15°♎20'19	1°10'46
	-3582 Nov 13 j 09:11	0°♏	
evening rise	-3582 Nov 18 j 13:26	8°♏41'51	
	-3582 Dec 01 j 12:14	0°♐	
evening max el	-3582 Dec 07 j 01:08	7°♐05'35	18°19'34
asc. node	-3582 Dec 08 j 12:46	8°♐28'03	
retrograde	-3582 Dec 13 j 14:23	10°♐39'35	
evening set	-3582 Dec 16 j 10:21	9°♐56'49	
inferior conj	-3582 Dec 22 j 14:19	4°♐29'21	3°40'56
minimum elong	-3582 Dec 22 j 11:40	4°♐36'45	3°40'23
min. Earth dist.	-3582 Dec 24 j 21:34	1°♐55'23	0.63730 AU
	-3582 Dec 26 j 18:18	30°℞♏	
morning rise	-3582 Dec 28 j 11:27	28°♏28'39	
direct	-3581 Jan 04 j 11:12	25°♏40'26	
	-3581 Jan 14 j 07:14	0°♐	
morning max el	-3581 Jan 18 j 02:45	3°♐25'10	27°33'43
desc. node	-3581 Jan 19 j 17:40	5°♐04'55	
	-3581 Feb 07 j 02:27	0°♑	
morning set	-3581 Feb 21 j 18:20	26°♑20'20	
	-3581 Feb 23 j 14:07	0°♒	
max. Earth dist.	-3581 Feb 26 j 23:12	6°♒58'38	1.33400 AU
superior conj	-3581 Mar 01 j 13:38	12°♒29'25	0°-49'-32
minimum elong	-3581 Mar 01 j 15:49	12°♒41'03	0°49'14
asc. node	-3581 Mar 06 j 12:06	23°♒04'43	
evening rise	-3581 Mar 08 j 18:31	27°♒53'06	
	-3581 Mar 09 j 18:50	0°♓	
	-3581 Mar 27 j 18:25	0°♈	
evening max el	-3581 Mar 31 j 04:02	3°♈37'14	22°53'33
retrograde	-3581 Apr 13 j 10:15	10°♈08'20	
evening set	-3581 Apr 16 j 17:41	9°♈44'23	
desc. node	-3581 Apr 17 j 16:34	9°♈29'02	
min. Earth dist.	-3581 Apr 24 j 14:00	6°♈16'03	0.55575 AU
inferior conj	-3581 Apr 25 j 23:54	5°♈27'01	-2°-12'-59
minimum elong	-3581 Apr 25 j 18:28	5°♈34'54	2°11'20
morning rise	-3581 May 04 j 21:56	1°♈30'09	
direct	-3581 May 07 j 11:43	1°♈14'26	
morning max el	-3581 May 18 j 12:32	6°♈23'12	20°40'01
asc. node	-3581 Jun 02 j 11:42	28°♈30'57	
	-3581 Jun 03 j 06:02	0°♉	
morning set	-3581 Jun 06 j 11:43	6°♉29'28	
superior conj	-3581 Jun 14 j 03:42	22°♉17'36	1°36'01
minimum elong	-3581 Jun 14 j 01:17	22°♉05'17	1°35'54
	-3581 Jun 17 j 23:51	0°♊	
max. Earth dist.	-3581 Jun 18 j 17:27	1°♊26'26	1.35942 AU
evening rise	-3581 Jun 22 j 23:10	9°♊32'11	
	-3581 Jul 04 j 18:49	0°♋	
desc. node	-3581 Jul 14 j 15:35	14°♋48'38	
	-3581 Jul 26 j 22:18	0°♌	
evening max el	-3581 Jul 28 j 14:33	1°♌41'34	26°17'43
retrograde	-3581 Aug 10 j 06:58	8°♌53'43	
evening set	-3581 Aug 16 j 16:54	6°♌12'05	
min. Earth dist.	-3581 Aug 20 j 20:29	1°♌45'45	0.66246 AU
inferior conj	-3581 Aug 22 j 07:14	29°♋58'11	-2°-17'-47
minimum elong	-3581 Aug 22 j 10:21	29°♋48'33	2°16'34
	-3581 Aug 22 j 06:40	30°℞♋	
morning rise	-3581 Aug 28 j 04:39	24°♋06'11	
asc. node	-3581 Aug 29 j 10:55	23°♋30'59	
direct	-3581 Aug 31 j 06:18	23°♋12'18	
morning max el	-3581 Sep 07 j 03:00	27°♋03'40	18°52'56
	-3581 Sep 09 j 17:08	0°♌	
morning set	-3581 Sep 28 j 14:59	28°♌34'21	
	-3581 Sep 29 j 12:35	0°♍	
desc. node	-3581 Oct 10 j 15:09	17°♍32'56	
max. Earth dist.	-3581 Oct 14 j 03:31	23°♍05'12	1.44803 AU
superior conj	-3581 Oct 14 j 21:11	24°♍14'51	0°-26'-50
minimum elong	-3581 Oct 14 j 17:42	24°♍01'04	0°26'22
	-3581 Oct 18 j 12:38	0°♎	
evening rise	-3581 Oct 30 j 13:54	19°♎14'47	
	-3581 Nov 06 j 05:46	0°♏	
evening max el	-3581 Nov 20 j 12:40	20°♏30'12	18°49'09
asc. node	-3581 Nov 25 j 09:51	23°♏59'58	
retrograde	-3581 Nov 27 j 07:30	24°♏19'59	
evening set	-3581 Nov 30 j 08:57	23°♏26'34	
inferior conj	-3581 Dec 06 j 05:32	17°♏41'47	3°09'16
minimum elong	-3581 Dec 06 j 02:24	17°♏51'20	3°08'22
min. Earth dist.	-3581 Dec 07 j 22:01	15°♏38'30	0.65163 AU
morning rise	-3581 Dec 11 j 18:48	11°♏33'22	
direct	-3581 Dec 18 j 10:03	8°♏43'45	
morning max el	-3581 Dec 31 j 12:13	16°♏19'22	26°53'12
desc. node	-3580 Jan 06 j 14:43	23°♏07'56	
	-3580 Jan 11 j 21:55	0°♐	
	-3580 Jan 30 j 21:21	0°♑	
morning set	-3580 Feb 05 j 05:49	9°♑55'33	
max. Earth dist.	-3580 Feb 09 j 17:41	18°♑45'56	1.34454 AU
superior conj	-3580 Feb 13 j 16:08	26°♑50'14	-1°-12'-55
minimum elong	-3580 Feb 13 j 19:06	27°♑05'42	1°12'35

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3580 Feb 15 j 04:26	0°♒	
evening rise	-3580 Feb 21 j 04:17	12°♒35'22	
asc. node	-3580 Feb 21 j 09:06	13°♒00'20	
	-3580 Mar 01 j 06:00	0°♓	
evening max el	-3580 Mar 12 j 02:08	14°♓32'26	21°23'05
retrograde	-3580 Mar 24 j 00:32	20°♓16'20	
evening set	-3580 Mar 26 j 12:57	20°♓01'54	
desc. node	-3580 Apr 03 j 13:39	16°♓44'16	
inferior conj	-3580 Apr 04 j 19:42	16°♓02'11	0°-20'-54
minimum elong	-3580 Apr 04 j 18:43	16°♓03'34	0°20'36
min. Earth dist.	-3580 Apr 05 j 03:51	15°♓50'42	0.55148 AU
morning rise	-3580 Apr 14 j 00:21	11°♓58'27	
direct	-3580 Apr 17 j 00:04	11°♓38'53	
morning max el	-3580 Apr 29 j 14:41	17°♓40'38	22°08'35
	-3580 May 09 j 09:28	0°♈	
asc. node	-3580 May 19 j 08:43	18°♈12'29	
morning set	-3580 May 20 j 21:31	21°♈21'49	
	-3580 May 24 j 23:57	0°♉	
superior conj	-3580 May 28 j 05:18	6°♉48'56	1°20'33
minimum elong	-3580 May 28 j 02:38	6°♉34'55	1°20'16
max. Earth dist.	-3580 May 31 j 10:20	13°♉29'17	1.34556 AU
evening rise	-3580 Jun 05 j 06:25	23°♉09'00	
	-3580 Jun 08 j 21:10	0°♊	
	-3580 Jun 27 j 10:19	0°♋	
desc. node	-3580 Jun 30 j 12:35	4°♋09'41	
evening max el	-3580 Jul 10 j 02:09	15°♋07'35	27°04'29
retrograde	-3580 Jul 23 j 08:26	22°♋28'33	
evening set	-3580 Jul 30 j 05:58	19°♋41'45	
min. Earth dist.	-3580 Aug 03 j 02:12	15°♋53'53	0.65153 AU
inferior conj	-3580 Aug 05 j 02:14	13°♋36'35	-3°-4'-45
minimum elong	-3580 Aug 05 j 06:02	13°♋25'43	3°03'32
morning rise	-3580 Aug 11 j 07:25	7°♋59'01	
direct	-3580 Aug 14 j 02:29	7°♋16'36	
asc. node	-3580 Aug 15 j 08:02	7°♋24'49	
morning max el	-3580 Aug 20 j 15:48	10°♋50'28	18°16'56
	-3580 Sep 02 j 22:08	0°♌	
morning set	-3580 Sep 08 j 09:55	9°♌04'25	
	-3580 Sep 21 j 06:44	0°♍	
superior conj	-3580 Sep 22 j 22:33	2°♍38'38	0°22'37
minimum elong	-3580 Sep 23 j 01:21	2°♍49'46	0°22'18
max. Earth dist.	-3580 Sep 25 j 22:03	7°♍21'58	1.44712 AU
desc. node	-3580 Sep 26 j 12:07	8°♍17'30	
evening rise	-3580 Oct 09 j 13:51	28°♍45'59	
	-3580 Oct 10 j 08:51	0°♎	
greatest brilliancy	-3580 Oct 25 j 07:49	22°♎54'44	-0.7m
	-3580 Oct 30 j 11:12	0°♏	
evening max el	-3580 Nov 02 j 20:40	3°♏56'59	19°35'19
retrograde	-3580 Nov 10 j 03:57	8°♏11'15	
asc. node	-3580 Nov 11 j 06:58	8°♏03'56	
evening set	-3580 Nov 13 j 12:52	7°♏04'49	
inferior conj	-3580 Nov 19 j 03:58	1°♏05'45	2°28'35
minimum elong	-3580 Nov 19 j 01:04	1°♏15'10	2°27'33
	-3580 Nov 20 j 00:09	30°℞♎	
min. Earth dist.	-3580 Nov 20 j 06:51	29°♎38'18	0.66230 AU
morning rise	-3580 Nov 24 j 12:33	24°♎51'54	
direct	-3580 Nov 30 j 14:38	22°♎12'47	
morning max el	-3580 Dec 12 j 21:31	29°♎27'43	25°47'52
	-3580 Dec 13 j 10:15	0°♏	
desc. node	-3580 Dec 23 j 11:46	12°♏03'18	
	-3579 Jan 04 j 18:40	0°♐	
morning set	-3579 Jan 18 j 02:37	22°♐41'39	
max. Earth dist.	-3579 Jan 22 j 00:40	0°♑02'27	1.35952 AU
	-3579 Jan 22 j 00:09	0°♑	
superior conj	-3579 Jan 27 j 11:02	10°♑43'07	-1°-33'-12
minimum elong	-3579 Jan 27 j 14:14	10°♑59'15	1°32'59
evening rise	-3579 Feb 04 j 10:26	27°♑00'39	
	-3579 Feb 05 j 21:54	0°♒	
asc. node	-3579 Feb 07 j 06:08	2°♒40'22	
evening max el	-3579 Feb 22 j 10:04	25°♒59'03	20°06'04
	-3579 Feb 28 j 08:11	0°♓	
retrograde	-3579 Mar 04 j 16:19	0°♓51'36	
evening set	-3579 Mar 06 j 23:14	0°♓38'06	
	-3579 Mar 09 j 05:50	30°℞♒	
inferior conj	-3579 Mar 15 j 18:15	26°♒38'15	1°32'24
minimum elong	-3579 Mar 15 j 22:02	26°♒32'33	1°31'06
min. Earth dist.	-3579 Mar 17 j 17:53	25°♒26'34	0.55655 AU
desc. node	-3579 Mar 21 j 10:47	23°♒26'06	
morning rise	-3579 Mar 24 j 18:09	22°♒10'46	
direct	-3579 Mar 28 j 15:18	21°♒37'43	
morning max el	-3579 Apr 11 j 08:30	28°♒25'21	23°47'12
	-3579 Apr 12 j 22:27	0°♓	
	-3579 May 02 j 06:47	0°♈	
morning set	-3579 May 05 j 09:21	6°♈22'24	
asc. node	-3579 May 06 j 05:42	8°♈09'28	
superior conj	-3579 May 12 j 12:18	21°♈37'40	1°01'11
minimum elong	-3579 May 12 j 09:57	21°♈25'01	1°00'50
max. Earth dist.	-3579 May 14 j 12:45	25°♈56'39	1.33538 AU
	-3579 May 16 j 10:56	0°♉	
evening rise	-3579 May 20 j 01:00	7°♉21'00	
	-3579 Jun 01 j 09:41	0°♊	
desc. node	-3579 Jun 17 j 09:39	22°♊46'20	
evening max el	-3579 Jun 22 j 12:40	28°♊14'55	27°24'51
	-3579 Jun 24 j 10:42	0°♋	
retrograde	-3579 Jul 06 j 04:13	5°♋38'23	
evening set	-3579 Jul 13 j 07:50	2°♋58'02	
	-3579 Jul 16 j 16:38	30°℞♊	
min. Earth dist.	-3579 Jul 16 j 22:46	29°♊44'44	0.63679 AU
inferior conj	-3579 Jul 19 j 12:49	27°♊04'22	-3°-44'-28
minimum elong	-3579 Jul 19 j 16:33	26°♊54'40	3°43'35
morning rise	-3579 Jul 26 j 03:11	21°♊44'36	
direct	-3579 Jul 28 j 17:54	21°♊10'50	
asc. node	-3579 Aug 02 j 05:08	22°♊49'16	
morning max el	-3579 Aug 04 j 06:44	24°♊35'51	17°58'25
	-3579 Aug 08 j 16:27	0°♋	
morning set	-3579 Aug 21 j 06:32	20°♋47'41	
	-3579 Aug 26 j 14:51	0°♌	
superior conj	-3579 Sep 02 j 18:45	12°♌00'13	1°04'25
minimum elong	-3579 Sep 03 j 00:27	12°♌23'41	1°03'53
max. Earth dist.	-3579 Sep 08 j 14:28	21°♌27'20	1.43912 AU
desc. node	-3579 Sep 13 j 09:04	29°♌01'57	
	-3579 Sep 13 j 23:51	0°♍	
evening rise	-3579 Sep 18 j 20:30	7°♍33'58	
	-3579 Oct 03 j 17:12	0°♎	
greatest brilliancy	-3579 Oct 10 j 20:51	10°♎03'30	-0.5m
evening max el	-3579 Oct 16 j 23:15	17°♎23'04	20°36'04
retrograde	-3579 Oct 25 j 01:18	22°♎09'30	
evening set	-3579 Oct 28 j 19:50	20°♎47'35	
asc. node	-3579 Oct 29 j 04:05	20°♎31'52	
inferior conj	-3579 Nov 03 j 07:08	14°♎37'39	1°41'43
minimum elong	-3579 Nov 03 j 04:57	14°♎45'03	1°40'50
min. Earth dist.	-3579 Nov 03 j 22:04	13°♎47'00	0.66947 AU
morning rise	-3579 Nov 08 j 13:36	8°♎20'51	
direct	-3579 Nov 14 j 00:30	5°♎59'34	
morning max el	-3579 Nov 25 j 06:16	12°♎41'34	24°27'01
	-3579 Dec 09 j 05:43	0°♏	
desc. node	-3579 Dec 10 j 08:48	1°♏35'28	
	-3579 Dec 28 j 13:58	0°♐	
morning set	-3579 Dec 31 j 03:03	4°♐22'59	
max. Earth dist.	-3578 Jan 03 j 22:38	11°♐09'55	1.37823 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3578 Jan 10 j 18:56	23°♐58'27	-1°-48'-20	
minimum elong	-3578 Jan 10 j 21:26	24°♐10'29	1°48'20	
	-3578 Jan 13 j 21:07	0°♑		
evening rise	-3578 Jan 19 j 10:42	11°♑02'21		
asc. node	-3578 Jan 25 j 03:10	21°♑58'56		
	-3578 Jan 29 j 20:10	0°♒		
evening max el	-3578 Feb 05 j 04:32	8°♒02'13	19°07'28	
retrograde	-3578 Feb 13 j 21:24	12°♒12'03		
evening set	-3578 Feb 16 j 05:48	11°♒55'08		
inferior conj	-3578 Feb 24 j 08:03	7°♒42'00	2°58'01	
minimum elong	-3578 Feb 24 j 12:54	7°♒33'37	2°56'46	
min. Earth dist.	-3578 Feb 27 j 09:14	5°♒36'31	0.56970 AU	
morning rise	-3578 Mar 04 j 16:10	2°♒43'44		
desc. node	-3578 Mar 08 j 07:55	1°♒47'50		
direct	-3578 Mar 09 j 18:25	1°♒42'55		
morning max el	-3578 Mar 23 j 23:34	9°♒01'19	25°23'16	
	-3578 Apr 08 j 15:53	0°♓		
morning set	-3578 Apr 19 j 21:33	21°♓25'18		
asc. node	-3578 Apr 23 j 02:42	28°♓16'56		
	-3578 Apr 23 j 21:44	0°♈		
superior conj	-3578 Apr 26 j 22:36	6°♈36'48	0°39'03	
minimum elong	-3578 Apr 26 j 20:58	6°♈27'52	0°38'44	
max. Earth dist.	-3578 Apr 27 j 22:11	8°♈45'06	1.32883 AU	
evening rise	-3578 May 04 j 03:31	21°♈57'27		
	-3578 May 08 j 04:11	0°♉		
	-3578 May 26 j 10:44	0°♊		
desc. node	-3578 Jun 04 j 06:44	10°♊19'36		
evening max el	-3578 Jun 04 j 19:55	10°♊51'31	27°13'52	
retrograde	-3578 Jun 18 j 17:41	18°♊14'01		
evening set	-3578 Jun 25 j 18:40	15°♊54'20		
min. Earth dist.	-3578 Jun 29 j 09:25	13°♊05'20	0.61865 AU	
inferior conj	-3578 Jul 02 j 11:52	10°♊14'42	-4°-12'-25	
minimum elong	-3578 Jul 02 j 14:22	10°♊08'56	4°12'02	
morning rise	-3578 Jul 09 j 12:47	5°♊15'23		
direct	-3578 Jul 12 j 01:04	4°♊48'06		
morning max el	-3578 Jul 18 j 21:02	8°♊13'38	17°58'16	
asc. node	-3578 Jul 20 j 02:11	9°♊29'58		
	-3578 Aug 02 j 01:17	0°♋		
morning set	-3578 Aug 03 j 23:30	3°♋29'35		
superior conj	-3578 Aug 14 j 18:32	22°♋44'09	1°32'17	
minimum elong	-3578 Aug 14 j 23:04	23°♋03'46	1°32'03	
	-3578 Aug 19 j 00:53	0°♌		
max. Earth dist.	-3578 Aug 22 j 01:52	5°♌03'09	1.42517 AU	
evening rise	-3578 Aug 29 j 03:38	16°♌25'54		
desc. node	-3578 Aug 31 j 06:03	19°♌43'19		
	-3578 Sep 06 j 23:17	0°♍		
greatest brilliancy	-3578 Sep 24 j 22:42	25°♍15'03	-0.4m	
	-3578 Sep 29 j 01:00	0°♎		
evening max el	-3578 Sep 29 j 19:40	0°♎48'35	21°48'22	
retrograde	-3578 Oct 08 j 21:33	6°♎12'17		
evening set	-3578 Oct 13 j 03:51	4°♎32'37		
asc. node	-3578 Oct 16 j 01:13	1°♎34'16		
	-3578 Oct 17 j 06:24	30°♍℞		
inferior conj	-3578 Oct 18 j 12:58	28°♍15'31	0°50'50	
minimum elong	-3578 Oct 18 j 11:48	28°♍19'31	0°50'21	
min. Earth dist.	-3578 Oct 18 j 17:11	28°♍00'58	0.67348 AU	
morning rise	-3578 Oct 23 j 19:31	21°♍58'31		
direct	-3578 Oct 28 j 15:08	19°♍58'26		
morning max el	-3578 Nov 07 j 16:14	25°♍58'07	23°00'20	
	-3578 Nov 11 j 08:13	0°♎		
greatest brilliancy	-3578 Nov 12 j 14:13	1°♎29'40	-0.3m	
desc. node	-3578 Nov 27 j 05:47	21°♎33'41		
	-3578 Dec 02 j 19:45	0°♏		
morning set	-3578 Dec 12 j 00:56	14°♏43'41		
max. Earth dist.	-3578 Dec 16 j 18:16	22°♏41'45	1.39893 AU	
	-3578 Dec 20 j 22:24	0°♐		
superior conj	-3578 Dec 24 j 11:22	6°♐24'00	-1°-55'-25	
minimum elong	-3578 Dec 24 j 11:46	6°♐25'50	1°55'34	
evening rise	-3577 Jan 03 j 02:16	24°♐32'37		
	-3577 Jan 05 j 23:11	0°♑		
asc. node	-3577 Jan 12 j 00:14	10°♑47'59		
evening max el	-3577 Jan 19 j 07:42	20°♑36'17	18°28'45	
retrograde	-3577 Jan 26 j 20:36	24°♑17'59		
evening set	-3577 Jan 29 j 08:06	23°♑55'17		
inferior conj	-3577 Feb 05 j 18:04	19°♑22'13	3°46'12	
minimum elong	-3577 Feb 05 j 20:52	19°♑16'36	3°45'44	
min. Earth dist.	-3577 Feb 09 j 03:35	16°♑39'46	0.58814 AU	
morning rise	-3577 Feb 13 j 06:05	13°♑58'23		
direct	-3577 Feb 19 j 10:54	12°♑19'15		
desc. node	-3577 Feb 23 j 05:02	12°♑54'36		
morning max el	-3577 Mar 05 j 17:22	19°♑53'45	26°41'46	
	-3577 Mar 14 j 08:50	0°♒		
	-3577 Apr 01 j 05:22	0°♓		
morning set	-3577 Apr 04 j 08:20	6°♓22'57		
asc. node	-3577 Apr 09 j 23:42	18°♓29'23		
superior conj	-3577 Apr 11 j 10:16	21°♓38'32	0°15'03	
minimum elong	-3577 Apr 11 j 09:36	21°♓34'54	0°14'52	
behind sun begin	-3577 Apr 11 j 07:56	21°♓25'45		
behind sun end	-3577 Apr 11 j 11:17	21°♓44'04		
max. Earth dist.	-3577 Apr 11 j 11:07	21°♓43'11	1.32572 AU	
	-3577 Apr 15 j 06:19	0°♈		
evening rise	-3577 Apr 18 j 11:07	6°♈47'58		
	-3577 Apr 30 j 18:21	0°♉		
evening max el	-3577 May 17 j 21:41	22°♉47'41	26°30'15	
desc. node	-3577 May 22 j 03:50	26°♉22'23		
	-3577 May 30 j 08:55	0°♊		
retrograde	-3577 May 31 j 23:22	0°♊06'28		
	-3577 Jun 02 j 13:29	30°℞♉		
evening set	-3577 Jun 07 j 10:10	28°♉20'31		
min. Earth dist.	-3577 Jun 11 j 10:59	25°♉39'54	0.59839 AU	
inferior conj	-3577 Jun 14 j 19:49	22°♉58'21	-4°-21'-39	
minimum elong	-3577 Jun 14 j 19:35	22°♉58'49	4°21'33	
morning rise	-3577 Jun 22 j 08:31	18°♉20'56		
direct	-3577 Jun 24 j 19:56	17°♉58'28		
morning max el	-3577 Jul 02 j 07:45	21°♉35'21	18°17'27	
asc. node	-3577 Jul 06 j 23:13	27°♉10'55		
	-3577 Jul 08 j 20:08	0°♊		
morning set	-3577 Jul 18 j 07:33	16°♊56'21		
	-3577 Jul 25 j 05:54	0°♋		
superior conj	-3577 Jul 27 j 19:37	4°♋43'43	1°46'15	
minimum elong	-3577 Jul 27 j 21:31	4°♋52'23	1°46'18	
max. Earth dist.	-3577 Aug 04 j 07:29	17°♋57'48	1.40717 AU	
evening rise	-3577 Aug 09 j 05:25	26°♋11'39		
	-3577 Aug 11 j 13:37	0°♌		
desc. node	-3577 Aug 18 j 03:03	10°♌17'54		
	-3577 Aug 31 j 17:08	0°♍		
greatest brilliancy	-3577 Sep 06 j 23:54	8°♍08'09	-0.2m	
evening max el	-3577 Sep 12 j 10:41	14°♍15'21	23°07'45	
retrograde	-3577 Sep 22 j 15:10	20°♍17'22		
evening set	-3577 Sep 27 j 11:12	18°♍18'21		
inferior conj	-3577 Oct 02 j 19:40	11°♍57'46	0°-2'-15	
minimum elong	-3577 Oct 02 j 19:43	11°♍57'36	0°02'11	
transit middle	-3577 Oct 02 j 19:43	11°♍57'36	0°02'11	
transit begin	-3577 Oct 02 j 17:02	12°♍06'49		
transit end	-3577 Oct 02 j 22:23	11°♍48'23		
min. Earth dist.	-3577 Oct 02 j 13:40	12°♍18'22	0.67447 AU	
asc. node	-3577 Oct 02 j 22:19	11°♍48'39		
morning rise	-3577 Oct 08 j 04:13	5°♍43'44		
direct	-3577 Oct 12 j 09:36	4°♍05'08		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3577 Oct 21 j 06:40	9°♍20'20	21°36'39
greatest brilliancy	-3577 Oct 26 j 08:26	15°♍09'57	-0.4m
	-3577 Nov 06 j 03:50	0°♎	
desc. node	-3577 Nov 14 j 02:46	11°♎50'44	
morning set	-3577 Nov 21 j 18:19	23°♎43'10	
	-3577 Nov 25 j 16:24	0°♏	
max. Earth dist.	-3577 Nov 28 j 19:05	5°♏05'31	1.41885 AU
superior conj	-3577 Dec 06 j 06:57	17°♏47'00	-1°-50'-50
minimum elong	-3577 Dec 06 j 03:49	17°♏33'27	1°50'49
	-3577 Dec 13 j 04:08	0°♐	
evening rise	-3577 Dec 17 j 05:45	7°♐24'40	
asc. node	-3577 Dec 29 j 21:18	28°♐58'28	
	-3577 Dec 30 j 15:24	0°♑	
evening max el	-3576 Jan 02 j 16:50	3°♑33'38	18°09'56
retrograde	-3576 Jan 09 j 12:53	7°♑02'26	
evening set	-3576 Jan 12 j 03:21	6°♑32'42	
inferior conj	-3576 Jan 18 j 23:31	1°♑37'25	4°01'45
minimum elong	-3576 Jan 18 j 23:35	1°♑37'17	4°01'38
	-3576 Jan 20 j 17:18	30°℞♐	
min. Earth dist.	-3576 Jan 22 j 03:44	28°♐41'52	0.60843 AU
morning rise	-3576 Jan 25 j 17:11	25°♐55'36	
direct	-3576 Feb 01 j 14:09	23°♐40'01	
desc. node	-3576 Feb 10 j 02:07	26°♐41'29	
	-3576 Feb 14 j 06:23	0°♑	
morning max el	-3576 Feb 15 j 17:02	1°♑21'42	27°30'15
	-3576 Mar 07 j 12:10	0°♒	
morning set	-3576 Mar 18 j 15:51	21°♒08'38	
	-3576 Mar 22 j 20:34	0°♓	
max. Earth dist.	-3576 Mar 24 j 23:53	4°♓38'01	1.32603 AU
superior conj	-3576 Mar 25 j 21:39	6°♓36'44	0°-10'-2
minimum elong	-3576 Mar 25 j 22:06	6°♓39'13	0°10'02
behind sun begin	-3576 Mar 25 j 18:11	6°♓17'47	
behind sun end	-3576 Mar 26 j 02:02	7°♓00'40	
asc. node	-3576 Mar 26 j 20:42	8°♓42'38	
evening rise	-3576 Apr 01 j 21:40	21°♓44'51	
	-3576 Apr 05 j 22:34	0°♈	
	-3576 Apr 24 j 21:36	0°♉	
evening max el	-3576 Apr 28 j 17:19	4°♉02'37	25°18'06
desc. node	-3576 May 08 j 00:55	10°♉20'11	
retrograde	-3576 May 12 j 18:47	11°♉12'44	
evening set	-3576 May 18 j 03:46	10°♉05'25	
min. Earth dist.	-3576 May 23 j 05:36	7°♉16'40	0.57850 AU
inferior conj	-3576 May 26 j 09:12	5°♉06'01	-4°-2'-22
minimum elong	-3576 May 26 j 05:19	5°♉12'47	4°01'48
morning rise	-3576 Jun 03 j 10:53	0°♉49'45	
direct	-3576 Jun 05 j 22:23	0°♉31'00	
morning max el	-3576 Jun 14 j 11:59	4°♉32'01	18°56'50
asc. node	-3576 Jun 22 j 20:15	15°♉38'36	
	-3576 Jun 30 j 14:49	0°♊	
morning set	-3576 Jul 01 j 02:29	0°♊57'09	
superior conj	-3576 Jul 09 j 16:23	17°♊43'24	1°48'46
minimum elong	-3576 Jul 09 j 15:57	17°♊41'17	1°48'53
	-3576 Jul 16 j 07:01	0°♋	
max. Earth dist.	-3576 Jul 16 j 09:43	0°♋12'05	1.38761 AU
evening rise	-3576 Jul 20 j 09:09	7°♋12'18	
	-3576 Aug 03 j 13:06	0°♌	
desc. node	-3576 Aug 04 j 00:02	0°♌40'51	
evening max el	-3576 Aug 24 j 22:25	27°♌44'32	24°28'00
	-3576 Aug 27 j 08:43	0°♍	
retrograde	-3576 Sep 05 j 05:03	4°♍20'42	
evening set	-3576 Sep 10 j 16:05	2°♍02'23	
	-3576 Sep 12 j 16:40	30°℞♌	
min. Earth dist.	-3576 Sep 15 j 09:01	26°♌37'00	0.67242 AU
inferior conj	-3576 Sep 16 j 01:28	25°♌41'48	0°-55'-59
minimum elong	-3576 Sep 16 j 02:47	25°♌37'22	0°55'21
asc. node	-3576 Sep 18 j 19:24	22°♌11'29	
morning rise	-3576 Sep 21 j 13:46	19°♌33'57	
direct	-3576 Sep 25 j 06:40	18°♌15'10	
morning max el	-3576 Oct 03 j 04:01	22°♌50'53	20°22'17
	-3576 Oct 09 j 03:30	0°♍	
greatest brilliancy	-3576 Oct 09 j 19:16	0°♍52'46	-0.6m
	-3576 Oct 29 j 11:25	0°♎	
morning set	-3576 Oct 30 j 17:27	1°♎56'08	
desc. node	-3576 Oct 30 j 23:43	2°♎20'26	
max. Earth dist.	-3576 Nov 10 j 03:54	18°♎23'07	1.43503 AU
superior conj	-3576 Nov 16 j 00:17	27°♎54'28	-1°-30'-48
minimum elong	-3576 Nov 15 j 17:42	27°♎27'18	1°30'16
	-3576 Nov 17 j 06:37	0°♏	
evening rise	-3576 Nov 28 j 16:57	19°♏29'45	
	-3576 Dec 04 j 18:13	0°♐	
asc. node	-3576 Dec 15 j 18:22	16°♐18'33	
evening max el	-3576 Dec 16 j 04:59	16°♐46'01	18°10'36
retrograde	-3576 Dec 22 j 18:11	20°♐14'59	
evening set	-3576 Dec 25 j 11:53	19°♐37'15	
inferior conj	-3576 Dec 31 j 21:02	14°♐20'38	3°53'30
minimum elong	-3576 Dec 31 j 19:05	14°♐25'47	3°53'10
min. Earth dist.	-3575 Jan 03 j 12:35	11°♐34'14	0.62757 AU
morning rise	-3575 Jan 07 j 00:25	8°♐25'48	
direct	-3575 Jan 14 j 01:51	5°♐45'30	
desc. node	-3575 Jan 26 j 23:11	12°♐33'55	
morning max el	-3575 Jan 27 j 22:33	13°♐30'09	27°42'48
	-3575 Feb 10 j 06:18	0°♑	
	-3575 Feb 27 j 22:19	0°♒	
morning set	-3575 Mar 02 j 17:56	5°♒34'47	
max. Earth dist.	-3575 Mar 08 j 08:42	17°♒16'13	1.32995 AU
superior conj	-3575 Mar 10 j 07:06	21°♒25'30	0°-35'-18
minimum elong	-3575 Mar 10 j 08:41	21°♒34'04	0°35'05
asc. node	-3575 Mar 13 j 17:42	28°♒52'38	
	-3575 Mar 14 j 06:11	0°♓	
evening rise	-3575 Mar 17 j 09:19	6°♓41'13	
	-3575 Mar 29 j 19:52	0°♈	
evening max el	-3575 Apr 10 j 09:10	14°♈49'11	23°47'58
retrograde	-3575 Apr 24 j 02:03	21°♈39'47	
desc. node	-3575 Apr 24 j 22:00	21°♈38'13	
evening set	-3575 Apr 28 j 02:49	21°♈03'54	
min. Earth dist.	-3575 May 04 j 20:25	17°♈53'38	0.56215 AU
inferior conj	-3575 May 07 j 02:28	16°♈31'32	-3°-4'-43
minimum elong	-3575 May 06 j 20:23	16°♈40'49	3°03'11
morning rise	-3575 May 15 j 17:40	12°♈31'23	
direct	-3575 May 18 j 05:56	12°♈15'14	
morning max el	-3575 May 28 j 07:10	16°♈54'59	19°56'48
	-3575 Jun 07 j 01:48	0°♉	
asc. node	-3575 Jun 09 j 17:16	4°♉42'05	
morning set	-3575 Jun 15 j 05:07	15°♉24'05	
	-3575 Jun 22 j 09:50	0°♊	
superior conj	-3575 Jun 23 j 03:36	1°♊28'57	1°42'36
minimum elong	-3575 Jun 23 j 01:40	1°♊19'16	1°42'36
max. Earth dist.	-3575 Jun 28 j 13:37	12°♊02'29	1.36893 AU
evening rise	-3575 Jul 02 j 13:00	19°♊25'01	
	-3575 Jul 08 j 13:59	0°♋	
desc. node	-3575 Jul 21 j 21:02	20°♋46'44	
	-3575 Jul 28 j 14:47	0°♌	
evening max el	-3575 Aug 07 j 09:10	11°♌16'27	25°41'28
retrograde	-3575 Aug 19 j 14:34	18°♌18'29	
evening set	-3575 Aug 25 j 16:40	15°♌43'28	
min. Earth dist.	-3575 Aug 30 j 00:52	10°♌55'19	0.66716 AU
inferior conj	-3575 Aug 31 j 04:40	9°♌26'14	-1°-48'-38
minimum elong	-3575 Aug 31 j 07:11	9°♌18'09	1°47'34

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3575 Sep 05 j 22:20	3°♌27'44	
asc. node	-3575 Sep 05 j 16:29	3°♌37'17	
direct	-3575 Sep 09 j 04:51	2°♌25'48	
morning max el	-3575 Sep 16 j 08:42	6°♌30'40	19°21'08
greatest brilliancy	-3575 Sep 26 j 09:33	19°♌42'39	-0.7m
	-3575 Oct 03 j 03:26	0°♍	
morning set	-3575 Oct 09 j 21:12	10°♍29'44	
desc. node	-3575 Oct 17 j 20:40	22°♍58'43	
	-3575 Oct 22 j 07:49	0°♎	
max. Earth dist.	-3575 Oct 23 j 18:49	2°♎18'15	1.44531 AU
superior conj	-3575 Oct 26 j 14:58	6°♎48'32	0°-53'-54
minimum elong	-3575 Oct 26 j 08:41	6°♎23'35	0°53'10
	-3575 Nov 09 j 21:52	0°♏	
evening rise	-3575 Nov 10 j 07:19	0°♏39'04	
evening max el	-3575 Nov 29 j 17:25	0°♐07'22	18°29'58
	-3575 Nov 29 j 14:33	0°♐	
asc. node	-3575 Dec 02 j 15:27	2°♐34'27	
retrograde	-3575 Dec 06 j 08:12	3°♐47'14	
evening set	-3575 Dec 09 j 06:16	3°♐00'09	
	-3575 Dec 12 j 23:10	30°℞♏	
inferior conj	-3575 Dec 15 j 06:49	27°♏24'38	3°28'49
minimum elong	-3575 Dec 15 j 03:52	27°♏33'14	3°28'06
min. Earth dist.	-3575 Dec 17 j 07:35	25°♏02'56	0.64384 AU
morning rise	-3575 Dec 21 j 00:09	21°♏20'10	
direct	-3575 Dec 27 j 20:51	18°♏29'58	
morning max el	-3574 Jan 10 j 07:37	26°♏12'07	27°20'06
desc. node	-3574 Jan 13 j 20:14	29°♏57'30	
	-3574 Jan 13 j 21:07	0°♐	
	-3574 Feb 03 j 18:57	0°♑	
morning set	-3574 Feb 14 j 11:47	19°♑32'03	
max. Earth dist.	-3574 Feb 19 j 09:31	29°♑24'43	1.33793 AU
	-3574 Feb 19 j 16:20	0°♒	
superior conj	-3574 Feb 22 j 12:45	5°♒58'25	0°-59'-44
minimum elong	-3574 Feb 22 j 15:19	6°♒11'59	0°59'24
asc. node	-3574 Feb 28 j 14:43	18°♒54'50	
evening rise	-3574 Mar 01 j 20:19	21°♒30'25	
	-3574 Mar 06 j 00:36	0°♓	
evening max el	-3574 Mar 23 j 03:01	25°♓32'50	22°13'53
	-3574 Mar 29 j 03:00	0°♈	
retrograde	-3574 Apr 04 j 21:32	1°♈46'10	
evening set	-3574 Apr 07 j 19:02	1°♈27'38	
desc. node	-3574 Apr 11 j 19:07	0°♈07'29	
	-3574 Apr 12 j 01:48	30°℞♓	
min. Earth dist.	-3574 Apr 16 j 10:20	27°♓43'04	0.55271 AU
inferior conj	-3574 Apr 17 j 03:10	27°♓19'15	-1°-27'-46
minimum elong	-3574 Apr 16 j 23:14	27°♓24'49	1°26'28
morning rise	-3574 Apr 26 j 05:09	23°♓22'06	
direct	-3574 Apr 28 j 21:40	23°♓05'44	
morning max el	-3574 May 10 j 15:37	28°♓36'44	21°16'04
	-3574 May 12 j 01:24	0°♈	
asc. node	-3574 May 27 j 14:17	24°♈11'34	
	-3574 May 30 j 11:12	0°♉	
morning set	-3574 May 30 j 12:54	0°♉08'44	
superior conj	-3574 Jun 07 j 00:55	15°♉46'32	1°30'01
minimum elong	-3574 Jun 06 j 22:19	15°♉33'05	1°29'50
max. Earth dist.	-3574 Jun 11 j 00:29	23°♉52'46	1.35300 AU
	-3574 Jun 14 j 03:17	0°♊	
evening rise	-3574 Jun 15 j 11:43	2°♊35'09	
	-3574 Jul 01 j 12:28	0°♋	
desc. node	-3574 Jul 08 j 18:03	10°♋27'09	
evening max el	-3574 Jul 20 j 20:17	24°♋46'13	26°40'18
	-3574 Jul 27 j 09:20	0°♌	
retrograde	-3574 Aug 02 j 19:19	2°♌03'51	
	-3574 Aug 08 j 13:34	30°℞♋	
evening set	-3574 Aug 09 j 10:44	29°♋18'27	
min. Earth dist.	-3574 Aug 13 j 10:55	25°♋08'53	0.65830 AU
inferior conj	-3574 Aug 15 j 03:18	23°♋07'46	-2°-38'-22
minimum elong	-3574 Aug 15 j 06:46	22°♋57'21	2°37'07
morning rise	-3574 Aug 21 j 03:52	17°♋21'45	
asc. node	-3574 Aug 23 j 13:35	16°♋34'53	
direct	-3574 Aug 24 j 02:21	16°♋33'18	
morning max el	-3574 Aug 30 j 19:12	20°♋16'14	18°35'32
	-3574 Sep 07 j 06:25	0°♌	
morning set	-3574 Sep 20 j 00:05	20°♌13'01	
	-3574 Sep 26 j 02:19	0°♍	
desc. node	-3574 Oct 04 j 17:38	13°♍41'59	
superior conj	-3574 Oct 05 j 14:54	15°♍05'46	0°-5'-38
minimum elong	-3574 Oct 05 j 14:09	15°♍02'49	0°05'32
behind sun begin	-3574 Oct 05 j 03:21	14°♍20'16	
behind sun end	-3574 Oct 06 j 00:56	15°♍45'21	
max. Earth dist.	-3574 Oct 06 j 12:28	16°♍30'45	1.44853 AU
	-3574 Oct 15 j 02:01	0°♎	
evening rise	-3574 Oct 21 j 21:12	10°♎45'22	
	-3574 Nov 03 j 02:28	0°♏	
evening max el	-3574 Nov 13 j 03:40	13°♏33'17	19°06'51
asc. node	-3574 Nov 19 j 12:32	17°♏30'49	
retrograde	-3574 Nov 20 j 03:11	17°♏32'56	
evening set	-3574 Nov 23 j 07:27	16°♏34'26	
inferior conj	-3574 Nov 29 j 01:29	10°♏43'10	2°52'56
minimum elong	-3574 Nov 28 j 22:23	10°♏52'55	2°51'56
min. Earth dist.	-3574 Nov 30 j 12:02	8°♏54'33	0.65657 AU
morning rise	-3574 Dec 04 j 12:22	4°♏31'51	
direct	-3574 Dec 10 j 22:19	1°♏45'24	
morning max el	-3574 Dec 23 j 17:23	9°♏14'43	26°27'54
desc. node	-3574 Dec 31 j 17:17	18°♏25'28	
	-3573 Jan 09 j 03:07	0°♐	
	-3573 Jan 27 j 05:29	0°♑	
morning set	-3573 Jan 28 j 17:42	2°♑48'57	
max. Earth dist.	-3573 Feb 01 j 23:07	10°♑57'51	1.35033 AU
superior conj	-3573 Feb 06 j 12:24	20°♑08'45	-1°-22'-1
minimum elong	-3573 Feb 06 j 15:33	20°♑24'59	1°21'43
	-3573 Feb 11 j 06:16	0°♒	
evening rise	-3573 Feb 14 j 04:50	6°♒06'29	
asc. node	-3573 Feb 15 j 11:45	8°♒44'47	
	-3573 Feb 27 j 12:54	0°♓	
evening max el	-3573 Mar 05 j 05:02	6°♓40'21	20°48'20
retrograde	-3573 Mar 16 j 11:06	12°♓02'20	
evening set	-3573 Mar 18 j 19:31	11°♓49'12	
inferior conj	-3573 Mar 27 j 22:25	7°♓51'36	0°29'01
minimum elong	-3573 Mar 27 j 23:45	7°♓49'42	0°28'31
min. Earth dist.	-3573 Mar 29 j 00:35	7°♓14'01	0.55246 AU
desc. node	-3573 Mar 29 j 16:14	6°♓51'45	
morning rise	-3573 Apr 06 j 02:32	3°♓38'58	
direct	-3573 Apr 09 j 09:43	3°♓15'17	
morning max el	-3573 Apr 22 j 13:53	9°♓38'54	22°49'57
	-3573 May 07 j 06:49	0°♈	
asc. node	-3573 May 14 j 11:19	14°♈00'11	
morning set	-3573 May 14 j 23:46	15°♈04'54	
superior conj	-3573 May 22 j 05:08	0°♉26'11	1°12'45
minimum elong	-3573 May 22 j 02:32	0°♉12'24	1°12'25
	-3573 May 22 j 00:12	0°♉	
max. Earth dist.	-3573 May 24 j 21:16	6°♉03'56	1.34073 AU
evening rise	-3573 May 30 j 00:17	16°♉28'19	
	-3573 Jun 06 j 05:30	0°♊	
desc. node	-3573 Jun 25 j 15:07	29°♊31'10	
	-3573 Jun 26 j 00:23	0°♋	
evening max el	-3573 Jul 03 j 07:36	8°♋05'28	27°16'45
retrograde	-3573 Jul 16 j 18:42	15°♋28'51	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3573 Jul 23 j 19:29	12°♋43'09		
min. Earth dist.	-3573 Jul 27 j 13:03	9°♋10'40	0.64566 AU	
inferior conj	-3573 Jul 29 j 19:03	6°♋42'15	-3°-22'-45	
minimum elong	-3573 Jul 29 j 22:57	6°♋31'33	3°21'38	
morning rise	-3573 Aug 05 j 03:58	1°♋11'48		
direct	-3573 Aug 07 j 20:48	0°♋33'31		
asc. node	-3573 Aug 10 j 10:40	1°♋08'14		
morning max el	-3573 Aug 14 j 09:14	4°♋02'58	18°06'50	
	-3573 Aug 31 j 12:34	0°♌		
morning set	-3573 Sep 01 j 06:31	1°♌15'41		
superior conj	-3573 Sep 14 j 22:18	23°♌48'49	0°41'49	
minimum elong	-3573 Sep 15 j 02:56	24°♌07'28	0°41'20	
	-3573 Sep 18 j 19:09	0°♍		
max. Earth dist.	-3573 Sep 19 j 06:00	0°♍43'05	1.44452 AU	
desc. node	-3573 Sep 21 j 14:35	4°♍26'52		
evening rise	-3573 Oct 01 j 12:11	19°♍53'45		
	-3573 Oct 08 j 01:37	0°♎		
greatest brilliancy	-3573 Oct 20 j 02:48	17°♎54'40	-0.6m	
evening max el	-3573 Oct 27 j 09:34	27°♎00'11	19°59'35	
	-3573 Oct 30 j 21:03	0°♏		
retrograde	-3573 Nov 04 j 00:14	1°♏27'19		
asc. node	-3573 Nov 06 j 09:39	0°♏54'08		
evening set	-3573 Nov 07 j 12:54	0°♏14'48		
	-3573 Nov 07 j 21:09	30°℞♎		
inferior conj	-3573 Nov 13 j 02:12	24°♎10'56	2°09'18	
minimum elong	-3573 Nov 12 j 23:34	24°♎19'42	2°08'19	
min. Earth dist.	-3573 Nov 13 j 23:56	22°♎58'50	0.66578 AU	
morning rise	-3573 Nov 18 j 09:35	17°♎55'26		
direct	-3573 Nov 24 j 05:27	15°♎22'55		
morning max el	-3573 Dec 06 j 02:11	22°♎25'33	25°14'40	
	-3573 Dec 12 j 18:33	0°♏		
desc. node	-3573 Dec 18 j 14:18	7°♏38'01		
	-3572 Jan 02 j 10:23	0°♐		
morning set	-3572 Jan 11 j 06:34	15°♐09'26		
max. Earth dist.	-3572 Jan 15 j 01:11	22°♐04'39	1.36709 AU	
	-3572 Jan 19 j 04:49	0°♑		
superior conj	-3572 Jan 21 j 03:05	3°♑46'56	-1°-40'-25	
minimum elong	-3572 Jan 21 j 06:07	4°♑02'00	1°40'17	
evening rise	-3572 Jan 29 j 08:45	20°♑22'08		
asc. node	-3572 Feb 02 j 08:48	28°♑16'19		
	-3572 Feb 03 j 06:36	0°♒		
evening max el	-3572 Feb 15 j 17:40	18°♒22'55	19°38'47	
retrograde	-3572 Feb 25 j 06:54	22°♒55'04		
evening set	-3572 Feb 27 j 14:07	22°♒40'29		
inferior conj	-3572 Mar 07 j 02:17	18°♒36'36	2°13'09	
minimum elong	-3572 Mar 07 j 07:01	18°♒29'04	2°11'40	
min. Earth dist.	-3572 Mar 09 j 15:06	17°♒00'27	0.56135 AU	
morning rise	-3572 Mar 15 j 20:28	13°♒56'00		
desc. node	-3572 Mar 15 j 13:23	14°♒01'53		
direct	-3572 Mar 20 j 05:59	13°♒12'36		
morning max el	-3572 Apr 03 j 05:34	20°♒15'35	24°29'11	
	-3572 Apr 11 j 12:08	0°♓		
morning set	-3572 Apr 28 j 11:56	0°♈06'36		
	-3572 Apr 28 j 10:40	0°♈		
asc. node	-3572 Apr 30 j 08:20	4°♈01'56		
superior conj	-3572 May 05 j 13:45	15°♈19'39	0°52'05	
minimum elong	-3572 May 05 j 11:40	15°♈08'20	0°51'43	
max. Earth dist.	-3572 May 07 j 03:03	18°♈40'46	1.33218 AU	
evening rise	-3572 May 12 j 22:38	0°♉51'48		
	-3572 May 12 j 12:26	0°♉		
	-3572 May 29 j 05:19	0°♊		
desc. node	-3572 Jun 11 j 12:11	17°♊43'29		
evening max el	-3572 Jun 14 j 17:17	21°♊01'49	27°24'21	
retrograde	-3572 Jun 28 j 11:53	28°♊24'45		

evening set	-3572 Jul 05 j 15:29	25°♊51'50		
min. Earth dist.	-3572 Jul 09 j 05:37	22°♊50'08	0.62937 AU	
inferior conj	-3572 Jul 12 j 01:10	20°♊03'45	-3°-58'-11	
minimum elong	-3572 Jul 12 j 04:33	19°♊55'23	3°57'30	
morning rise	-3572 Jul 18 j 19:49	14°♊52'04		
direct	-3572 Jul 21 j 09:17	14°♊21'15		
asc. node	-3572 Jul 27 j 07:45	17°♊06'45		
morning max el	-3572 Jul 28 j 00:10	17°♊45'30	17°56'03	
	-3572 Aug 05 j 19:09	0°♋		
morning set	-3572 Aug 13 j 12:33	13°♋26'15		
	-3572 Aug 23 j 00:49	0°♌		
superior conj	-3572 Aug 25 j 05:59	3°♌44'38	1°18'03	
minimum elong	-3572 Aug 25 j 11:33	4°♌08'00	1°17'36	
max. Earth dist.	-3572 Aug 31 j 20:44	14°♌38'40	1.43383 AU	
desc. node	-3572 Sep 07 j 11:34	25°♌10'39		
evening rise	-3572 Sep 09 j 16:35	28°♌37'26		
	-3572 Sep 10 j 13:54	0°♍		
	-3572 Sep 30 j 21:29	0°♎		
greatest brilliancy	-3572 Oct 03 j 23:12	4°♎04'49	-0.5m	
evening max el	-3572 Oct 09 j 09:42	10°♎26'56	21°05'39	
retrograde	-3572 Oct 17 j 21:12	15°♎28'11		
evening set	-3572 Oct 21 j 20:33	13°♎58'57		
asc. node	-3572 Oct 23 j 06:45	12°♎43'24		
inferior conj	-3572 Oct 27 j 06:45	7°♎45'47	1°20'31	
minimum elong	-3572 Oct 27 j 04:58	7°♎51'52	1°19'47	
min. Earth dist.	-3572 Oct 27 j 17:02	7°♎10'34	0.67163 AU	
morning rise	-3572 Nov 01 j 13:01	1°♎28'45		
	-3572 Nov 03 j 17:00	30°℞♍		
direct	-3572 Nov 06 j 17:30	29°♍16'08		
	-3572 Nov 09 j 23:35	0°♎		
morning max el	-3572 Nov 17 j 10:57	5°♎40'06	23°50'14	
desc. node	-3572 Dec 04 j 11:18	27°♎22'31		
	-3572 Dec 06 j 06:28	0°♏		
morning set	-3572 Dec 22 j 20:19	26°♏17'32		
	-3572 Dec 24 j 23:59	0°♐		
max. Earth dist.	-3572 Dec 26 j 21:14	3°♐18'31	1.38706 AU	
superior conj	-3571 Jan 03 j 05:01	16°♐42'49	-1°-52'-31	
minimum elong	-3571 Jan 03 j 06:49	16°♐51'17	1°52'36	
	-3571 Jan 10 j 02:16	0°♑		
evening rise	-3571 Jan 12 j 05:39	4°♑11'12		
asc. node	-3571 Jan 19 j 05:51	17°♑23'04		
	-3571 Jan 28 j 00:08	0°♒		
evening max el	-3571 Jan 28 j 16:07	0°♒39'48	18°48'26	
retrograde	-3571 Feb 05 j 19:28	4°♒35'29		
evening set	-3571 Feb 08 j 05:21	4°♒16'10		
	-3571 Feb 15 j 21:32	30°℞♑		
inferior conj	-3571 Feb 16 j 00:23	29°♑54'45	3°22'56	
minimum elong	-3571 Feb 16 j 04:36	29°♑46'59	3°22'02	
min. Earth dist.	-3571 Feb 19 j 07:04	27°♑31'11	0.57721 AU	
morning rise	-3571 Feb 24 j 00:07	24°♑45'02		
direct	-3571 Mar 01 j 14:44	23°♑28'38		
desc. node	-3571 Mar 02 j 10:29	23°♑30'18		
	-3571 Mar 14 j 21:53	0°♒		
morning max el	-3571 Mar 15 j 20:59	0°♒54'19	25°59'42	
	-3571 Apr 05 j 07:48	0°♓		
morning set	-3571 Apr 12 j 23:42	15°♓07'36		
asc. node	-3571 Apr 17 j 05:20	24°♓11'44		
	-3571 Apr 19 j 21:07	0°♈		
superior conj	-3571 Apr 20 j 00:47	0°♈20'02	0°29'02	
minimum elong	-3571 Apr 19 j 23:32	0°♈13'12	0°28'46	
max. Earth dist.	-3571 Apr 20 j 14:34	1°♈35'19	1.32713 AU	
evening rise	-3571 Apr 27 j 03:34	15°♈34'55		
	-3571 May 04 j 12:13	0°♉		
	-3571 May 24 j 16:18	0°♊		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3571 May 27 j 22:31	3°♊21'59	26°59'16
desc. node	-3571 May 29 j 09:17	4°♊41'52	
retrograde	-3571 Jun 10 j 21:53	10°♊42'25	
evening set	-3571 Jun 17 j 18:31	8°♊35'53	
min. Earth dist.	-3571 Jun 21 j 12:02	5°♊52'44	0.61016 AU
inferior conj	-3571 Jun 24 j 18:14	3°♊03'36	-4°-19'-11
minimum elong	-3571 Jun 24 j 19:45	3°♊00'16	4°18'59
	-3571 Jun 28 j 14:01	30°℞♉	
morning rise	-3571 Jul 01 j 23:58	28°♉13'24	
direct	-3571 Jul 04 j 11:55	27°♉48'10	
	-3571 Jul 10 j 02:03	0°♊	
morning max el	-3571 Jul 11 j 13:15	1°♊16'50	18°04'04
asc. node	-3571 Jul 14 j 04:47	4°♊14'26	
morning set	-3571 Jul 27 j 12:30	26°♊28'31	
	-3571 Jul 29 j 10:13	0°♋	
superior conj	-3571 Aug 06 j 17:05	15°♋01'57	1°39'48
minimum elong	-3571 Aug 06 j 20:33	15°♋17'15	1°39'42
max. Earth dist.	-3571 Aug 14 j 06:12	27°♋59'53	1.41786 AU
	-3571 Aug 15 j 11:06	0°♌	
evening rise	-3571 Aug 20 j 05:56	7°♌47'04	
desc. node	-3571 Aug 25 j 08:32	15°♌49'26	
	-3571 Sep 03 j 18:58	0°♍	
greatest brilliancy	-3571 Sep 17 j 10:06	18°♍33'00	-0.3m
evening max el	-3571 Sep 22 j 03:40	23°♍52'33	22°21'33
retrograde	-3571 Oct 01 j 16:26	29°♍32'21	
evening set	-3571 Oct 06 j 04:30	27°♍44'19	
asc. node	-3571 Oct 10 j 03:51	23°♍19'06	
inferior conj	-3571 Oct 11 j 13:08	21°♍25'17	0°28'30
minimum elong	-3571 Oct 11 j 12:29	21°♍27'34	0°28'14
min. Earth dist.	-3571 Oct 11 j 12:55	21°♍26'04	0.67430 AU
morning rise	-3571 Oct 16 j 20:20	15°♍09'26	
direct	-3571 Oct 21 j 09:43	13°♍18'45	
morning max el	-3571 Oct 30 j 22:31	18°♍58'49	22°24'01
greatest brilliancy	-3571 Nov 04 j 15:11	24°♍16'24	-0.3m
	-3571 Nov 09 j 02:16	0°♎	
desc. node	-3571 Nov 21 j 08:18	17°♎29'29	
	-3571 Nov 29 j 11:18	0°♏	
morning set	-3571 Dec 03 j 05:52	6°♏02'27	
max. Earth dist.	-3571 Dec 08 j 19:03	15°♏13'16	1.40773 AU
superior conj	-3571 Dec 16 j 13:19	28°♏43'35	-1°-55'-8
minimum elong	-3571 Dec 16 j 12:21	28°♏39'18	1°55'16
	-3571 Dec 17 j 06:19	0°♐	
evening rise	-3571 Dec 26 j 16:34	17°♐26'39	
	-3570 Jan 02 j 12:44	0°♑	
asc. node	-3570 Jan 06 j 02:53	5°♑57'03	
evening max el	-3570 Jan 11 j 22:07	13°♑24'42	18°18'14
retrograde	-3570 Jan 19 j 02:38	16°♑59'33	
evening set	-3570 Jan 21 j 15:21	16°♑33'59	
inferior conj	-3570 Jan 28 j 19:04	11°♑51'12	3°56'16
minimum elong	-3570 Jan 28 j 20:40	11°♑47'45	3°56'02
min. Earth dist.	-3570 Feb 01 j 03:27	9°♑00'19	0.59673 AU
morning rise	-3570 Feb 04 j 22:50	6°♑18'42	
direct	-3570 Feb 11 j 11:43	4°♑23'31	
desc. node	-3570 Feb 17 j 07:35	5°♑48'53	
morning max el	-3570 Feb 25 j 17:21	12°♑01'37	27°06'40
	-3570 Mar 11 j 20:22	0°♒	
morning set	-3570 Mar 28 j 09:22	0°♓01'46	
	-3570 Mar 28 j 09:02	0°♓	
max. Earth dist.	-3570 Apr 04 j 04:05	14°♓35'03	1.32543 AU
asc. node	-3570 Apr 04 j 02:19	14°♓25'21	
superior conj	-3570 Apr 04 j 12:33	15°♓21'21	0°04'29
minimum elong	-3570 Apr 04 j 12:21	15°♓20'16	0°04'24
behind sun begin	-3570 Apr 04 j 07:31	14°♓53'50	
behind sun end	-3570 Apr 04 j 17:11	15°♓46'42	
	-3570 Apr 11 j 07:06	0°♈	
evening rise	-3570 Apr 11 j 12:41	0°♈29'23	
	-3570 Apr 27 j 19:13	0°♉	
evening max el	-3570 May 09 j 21:26	14°♉59'31	26°02'28
desc. node	-3570 May 16 j 06:21	19°♉56'22	
retrograde	-3570 May 23 j 23:27	22°♉15'49	
evening set	-3570 May 30 j 00:49	20°♉45'58	
min. Earth dist.	-3570 Jun 03 j 10:01	18°♉04'07	0.58973 AU
inferior conj	-3570 Jun 06 j 18:38	15°♉32'52	-4°-17'-36
minimum elong	-3570 Jun 06 j 16:52	15°♉36'11	4°17'25
morning rise	-3570 Jun 14 j 12:46	11°♉05'06	
direct	-3570 Jun 17 j 00:13	10°♉44'20	
morning max el	-3570 Jun 24 j 21:37	14°♉29'21	18°31'45
asc. node	-3570 Jul 01 j 01:50	22°♉16'45	
	-3570 Jul 05 j 15:43	0°♊	
morning set	-3570 Jul 11 j 01:36	10°♊10'34	
superior conj	-3570 Jul 20 j 03:17	27°♊29'10	1°48'32
minimum elong	-3570 Jul 20 j 04:07	27°♊32'59	1°48'40
	-3570 Jul 21 j 11:54	0°♋	
max. Earth dist.	-3570 Jul 27 j 09:49	10°♋35'52	1.39885 AU
evening rise	-3570 Jul 31 j 18:28	18°♋03'05	
	-3570 Aug 08 j 03:15	0°♌	
desc. node	-3570 Aug 12 j 05:31	6°♌19'16	
	-3570 Aug 29 j 05:27	0°♍	
evening max el	-3570 Sep 04 j 16:46	7°♍18'55	23°42'10
retrograde	-3570 Sep 15 j 08:41	13°♍36'49	
evening set	-3570 Sep 20 j 11:01	11°♍29'14	
inferior conj	-3570 Sep 25 j 19:39	5°♍07'57	0°-25'-4
minimum elong	-3570 Sep 25 j 20:14	5°♍05'57	0°24'46
min. Earth dist.	-3570 Sep 25 j 09:12	5°♍43'39	0.67393 AU
asc. node	-3570 Sep 27 j 00:56	3°♍29'02	
	-3570 Sep 30 j 00:08	30°℞♌	
morning rise	-3570 Oct 01 j 05:35	28°♌56'13	
direct	-3570 Oct 05 j 05:19	27°♌26'35	
	-3570 Oct 11 j 00:45	0°♍	
morning max el	-3570 Oct 13 j 15:50	2°♍24'27	21°03'38
greatest brilliancy	-3570 Oct 19 j 06:27	8°♍58'23	-0.5m
	-3570 Nov 03 j 00:58	0°♎	
desc. node	-3570 Nov 08 j 05:15	7°♎52'08	
morning set	-3570 Nov 12 j 13:20	14°♎35'27	
max. Earth dist.	-3570 Nov 20 j 23:04	28°♎00'05	1.42625 AU
	-3570 Nov 22 j 04:24	0°♏	
superior conj	-3570 Nov 27 j 22:13	9°♏35'03	-1°-44'-25
minimum elong	-3570 Nov 27 j 17:26	9°♏14'46	1°44'12
evening rise	-3570 Dec 09 j 13:42	29°♏59'54	
	-3570 Dec 09 j 13:44	0°♐	
asc. node	-3570 Dec 23 j 23:56	23°♐47'44	
evening max el	-3570 Dec 26 j 08:51	26°♐29'13	18°07'53
retrograde	-3569 Jan 02 j 01:05	29°♐56'56	
evening set	-3569 Jan 04 j 16:41	29°♐24'07	
inferior conj	-3569 Jan 11 j 07:52	24°♐19'41	4°00'42
minimum elong	-3569 Jan 11 j 06:57	24°♐21'57	4°00'32
min. Earth dist.	-3569 Jan 14 j 07:17	21°♐25'20	0.61676 AU
morning rise	-3569 Jan 17 j 18:53	18°♐31'31	
direct	-3569 Jan 24 j 18:57	16°♐03'29	
desc. node	-3569 Feb 04 j 04:40	20°♐33'43	
morning max el	-3569 Feb 07 j 19:54	23°♐47'58	27°40'05
	-3569 Feb 13 j 10:51	0°♑	
	-3569 Mar 05 j 01:07	0°♒	
morning set	-3569 Mar 12 j 14:54	14°♒40'32	
max. Earth dist.	-3569 Mar 18 j 15:34	27°♒24'10	1.32721 AU
superior conj	-3569 Mar 19 j 23:20	0°♓16'31	0°-20'-48
minimum elong	-3569 Mar 20 j 00:17	0°♓21'38	0°20'41
	-3569 Mar 19 j 20:18	0°♓	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3569 Mar 21 j 23:19	4°♓37'48	
evening rise	-3569 Mar 26 j 23:55	15°♓26'44	
	-3569 Apr 03 j 07:40	0°♈	
evening max el	-3569 Apr 21 j 14:44	25°♈59'17	24°41'06
	-3569 Apr 26 j 13:24	0°♉	
desc. node	-3569 May 03 j 03:27	2°♉49'47	
retrograde	-3569 May 05 j 14:22	3°♉03'45	
evening set	-3569 May 10 j 09:39	2°♉11'20	
	-3569 May 14 j 21:21	30°℞♈	
min. Earth dist.	-3569 May 16 j 02:50	29°♈14'35	0.57089 AU
inferior conj	-3569 May 18 j 23:24	27°♈22'40	-3°-43'-1
minimum elong	-3569 May 18 j 18:13	27°♈31'11	3°42'02
morning rise	-3569 May 27 j 06:56	23°♈14'23	
direct	-3569 May 29 j 18:22	22°♈57'06	
morning max el	-3569 Jun 07 j 22:22	27°♈13'02	19°19'51
	-3569 Jun 10 j 13:24	0°♉	
asc. node	-3569 Jun 17 j 22:52	11°♉00'40	
morning set	-3569 Jun 25 j 00:08	24°♉22'55	
	-3569 Jun 27 j 19:38	0°♊	
superior conj	-3569 Jul 03 j 06:48	10°♊49'53	1°47'03
minimum elong	-3569 Jul 03 j 05:37	10°♊44'05	1°47'09
max. Earth dist.	-3569 Jul 09 j 11:24	22°♊34'17	1.37940 AU
evening rise	-3569 Jul 13 j 09:00	29°♊35'38	
	-3569 Jul 13 j 14:32	0°♋	
desc. node	-3569 Jul 30 j 02:30	26°♋35'27	
	-3569 Aug 01 j 10:51	0°♌	
evening max el	-3569 Aug 18 j 03:43	20°♌48'59	25°00'37
retrograde	-3569 Aug 29 j 20:57	27°♌38'08	
evening set	-3569 Sep 04 j 14:21	25°♌12'19	
min. Earth dist.	-3569 Sep 09 j 03:29	20°♌02'14	0.67050 AU
inferior conj	-3569 Sep 10 j 00:35	18°♌52'32	-1°-18'-33
minimum elong	-3569 Sep 10 j 02:26	18°♌46'25	1°17'44
asc. node	-3569 Sep 13 j 22:02	14°♌13'04	
morning rise	-3569 Sep 15 j 14:57	12°♌48'02	
direct	-3569 Sep 19 j 03:06	11°♌36'53	
morning max el	-3569 Sep 26 j 16:21	15°♌58'52	19°54'29
greatest brilliancy	-3569 Oct 04 j 08:48	25°♌34'04	-0.6m
	-3569 Oct 07 j 11:02	0°♍	
morning set	-3569 Oct 22 j 11:24	22°♍48'26	
desc. node	-3569 Oct 26 j 02:11	28°♍25'47	
	-3569 Oct 27 j 02:19	0°♎	
max. Earth dist.	-3569 Nov 03 j 10:13	11°♎33'42	1.44011 AU
superior conj	-3569 Nov 08 j 03:48	19°♎09'52	-1°-17'-6
minimum elong	-3569 Nov 07 j 20:39	18°♎40'57	1°16'25
	-3569 Nov 14 j 18:07	0°♏	
evening rise	-3569 Nov 21 j 16:38	11°♏42'16	
	-3569 Dec 02 j 14:47	0°♐	
evening max el	-3569 Dec 09 j 21:32	9°♐46'38	18°16'42
asc. node	-3569 Dec 10 j 21:01	10°♐42'42	
retrograde	-3569 Dec 16 j 10:29	13°♐18'53	
evening set	-3569 Dec 19 j 05:51	12°♐37'27	
inferior conj	-3569 Dec 25 j 11:05	7°♐12'48	3°44'42
minimum elong	-3569 Dec 25 j 08:35	7°♐19'41	3°44'11
min. Earth dist.	-3569 Dec 27 j 20:34	4°♐35'10	0.63489 AU
morning rise	-3569 Dec 31 j 09:44	1°♐13'37	
	-3568 Jan 02 j 04:00	30°℞♏	
direct	-3568 Jan 07 j 10:14	28°♏26'52	
	-3568 Jan 13 j 02:48	0°♐	
morning max el	-3568 Jan 21 j 03:09	6°♐11'41	27°37'07
desc. node	-3568 Jan 22 j 01:44	7°♐08'43	
	-3568 Feb 08 j 08:13	0°♑	
morning set	-3568 Feb 24 j 13:53	28°♑55'42	
	-3568 Feb 25 j 02:45	0°♒	
max. Earth dist.	-3568 Feb 29 j 21:15	9°♒50'03	1.33284 AU

superior conj	-3568 Mar 03 j 07:27	14°♒59'36	0°-45'-50
minimum elong	-3568 Mar 03 j 09:29	15°♒10'28	0°45'33
asc. node	-3568 Mar 07 j 20:20	24°♒45'00	
evening rise	-3568 Mar 10 j 11:32	0°♓20'47	
	-3568 Mar 10 j 07:35	0°♓	
	-3568 Mar 27 j 09:35	0°♈	
evening max el	-3568 Apr 02 j 06:49	6°♈41'41	23°07'36
retrograde	-3568 Apr 15 j 16:16	13°♈18'10	
evening set	-3568 Apr 19 j 03:51	12°♈51'40	
desc. node	-3568 Apr 19 j 00:35	12°♈53'40	
min. Earth dist.	-3568 Apr 26 j 17:18	9°♈28'28	0.55717 AU
inferior conj	-3568 Apr 28 j 08:48	8°♈30'44	-2°-27'-48
minimum elong	-3568 Apr 28 j 03:02	8°♈39'12	2°26'07
morning rise	-3568 May 07 j 05:10	4°♈33'24	
direct	-3568 May 09 j 18:27	4°♈17'38	
morning max el	-3568 May 20 j 13:03	9°♈18'39	20°28'13
asc. node	-3568 Jun 03 j 19:53	0°♉16'00	
	-3568 Jun 03 j 16:32	0°♉	
morning set	-3568 Jun 08 j 05:13	8°♉57'51	
superior conj	-3568 Jun 15 j 22:44	24°♉49'53	1°37'55
minimum elong	-3568 Jun 15 j 20:25	24°♉38'08	1°37'51
	-3568 Jun 18 j 12:31	0°♊	
max. Earth dist.	-3568 Jun 20 j 17:43	4°♊21'12	1.36180 AU
evening rise	-3568 Jun 24 j 21:34	12°♊14'36	
	-3568 Jul 05 j 02:38	0°♋	
desc. node	-3568 Jul 15 j 23:31	16°♋31'18	
	-3568 Jul 26 j 12:02	0°♌	
evening max el	-3568 Jul 30 j 14:46	4°♌21'13	26°08'54
retrograde	-3568 Aug 12 j 04:27	11°♌30'48	
evening set	-3568 Aug 18 j 12:25	8°♌50'45	
min. Earth dist.	-3568 Aug 22 j 17:14	4°♌18'42	0.66380 AU
inferior conj	-3568 Aug 24 j 02:07	2°♌35'58	-2°-10'-15
minimum elong	-3568 Aug 24 j 05:05	2°♌26'41	2°09'04
	-3568 Aug 26 j 05:48	30°℞♋	
morning rise	-3568 Aug 29 j 22:31	26°♋42'08	
asc. node	-3568 Aug 30 j 19:09	26°♋15'33	
direct	-3568 Sep 02 j 01:22	25°♋46'12	
morning max el	-3568 Sep 08 j 23:39	29°♋40'42	18°59'42
	-3568 Sep 09 j 07:07	0°♌	
	-3568 Sep 29 j 20:18	0°♍	
morning set	-3568 Sep 30 j 23:31	1°♍47'26	
desc. node	-3568 Oct 11 j 23:07	19°♍06'03	
max. Earth dist.	-3568 Oct 16 j 02:46	25°♍38'26	1.44757 AU
superior conj	-3568 Oct 17 j 09:50	27°♍41'00	0°-34'-11
minimum elong	-3568 Oct 17 j 05:27	27°♍23'44	0°33'38
	-3568 Oct 18 j 21:01	0°♎	
evening rise	-3568 Nov 01 j 20:45	22°♎24'19	
	-3568 Nov 06 j 12:52	0°♏	
evening max el	-3568 Nov 22 j 09:24	23°♏10'15	18°43'40
asc. node	-3568 Nov 26 j 18:07	26°♏26'21	
retrograde	-3568 Nov 29 j 02:54	26°♏57'04	
evening set	-3568 Dec 02 j 03:28	26°♏05'16	
inferior conj	-3568 Dec 08 j 01:00	20°♏22'45	3°14'42
minimum elong	-3568 Dec 07 j 21:53	20°♏32'07	3°13'51
min. Earth dist.	-3568 Dec 09 j 19:33	18°♏14'37	0.64973 AU
morning rise	-3568 Dec 13 j 15:13	14°♏15'22	
direct	-3568 Dec 20 j 08:04	11°♏25'17	
morning max el	-3567 Jan 02 j 12:34	19°♏02'39	27°01'03
desc. node	-3567 Jan 07 j 22:47	25°♏01'43	
	-3567 Jan 11 j 21:31	0°♐	
	-3567 Jan 31 j 07:16	0°♑	
morning set	-3567 Feb 07 j 03:11	12°♑36'51	
max. Earth dist.	-3567 Feb 11 j 17:32	21°♑43'00	1.34268 AU
superior conj	-3567 Feb 15 j 10:52	29°♑23'45	-1°-9'-32

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3567 Feb 15 j 13:45	29°♑38'49	1°09'12	
	-3567 Feb 15 j 17:48	0°♒		
evening rise	-3567 Feb 22 j 21:43	15°♒05'08		
asc. node	-3567 Feb 22 j 17:23	14°♒42'35		
	-3567 Mar 02 j 12:42	0°♓		
evening max el	-3567 Mar 15 j 03:44	17°♓33'27	21°35'54	
retrograde	-3567 Mar 27 j 07:35	23°♓25'13		
evening set	-3567 Mar 29 j 21:58	23°♓09'59		
desc. node	-3567 Apr 05 j 21:43	20°♓25'42		
inferior conj	-3567 Apr 08 j 05:31	19°♓08'33	0°-38'-47	
minimum elong	-3567 Apr 08 j 03:42	19°♓11'06	0°38'12	
min. Earth dist.	-3567 Apr 08 j 07:06	19°♓06'20	0.55149 AU	
morning rise	-3567 Apr 17 j 09:49	15°♓07'15		
direct	-3567 Apr 20 j 07:20	14°♓48'46		
morning max el	-3567 May 02 j 16:48	20°♓42'24	21°54'35	
	-3567 May 10 j 10:39	0°♈		
asc. node	-3567 May 21 j 16:56	19°♈54'48		
morning set	-3567 May 23 j 14:37	23°♈48'52		
	-3567 May 26 j 13:28	0°♉		
superior conj	-3567 May 30 j 23:22	9°♉18'19	1°23'12	
minimum elong	-3567 May 30 j 20:42	9°♉04'20	1°22'56	
max. Earth dist.	-3567 Jun 03 j 09:12	16°♉21'20	1.34737 AU	
evening rise	-3567 Jun 08 j 02:49	25°♉45'16		
	-3567 Jun 10 j 08:22	0°♊		
	-3567 Jun 28 j 12:27	0°♋		
desc. node	-3567 Jul 02 j 20:35	5°♋58'07		
evening max el	-3567 Jul 13 j 02:18	17°♋48'46	26°58'55	
retrograde	-3567 Jul 26 j 06:44	25°♋08'54		
evening set	-3567 Aug 02 j 02:54	22°♋22'03		
min. Earth dist.	-3567 Aug 06 j 00:07	18°♋28'44	0.65347 AU	
inferior conj	-3567 Aug 07 j 22:09	16°♋15'27	-2°-58'-2	
minimum elong	-3567 Aug 08 j 01:53	16°♋04'38	2°56'47	
morning rise	-3567 Aug 14 j 02:06	10°♋35'39		
direct	-3567 Aug 16 j 22:00	9°♋51'44		
asc. node	-3567 Aug 17 j 16:14	9°♋54'54		
morning max el	-3567 Aug 23 j 11:58	13°♋27'30	18°21'11	
	-3567 Sep 04 j 05:08	0°♌		
morning set	-3567 Sep 11 j 14:19	12°♌05'31		
	-3567 Sep 22 j 15:24	0°♍		
superior conj	-3567 Sep 26 j 10:04	6°♍00'44	0°15'23	
minimum elong	-3567 Sep 26 j 12:01	6°♍08'30	0°15'12	
behind sun begin	-3567 Sep 26 j 07:57	5°♍52'23		
behind sun end	-3567 Sep 26 j 16:05	6°♍24'37		
desc. node	-3567 Sep 28 j 20:05	9°♍50'11		
max. Earth dist.	-3567 Sep 28 j 21:18	9°♍54'59	1.44777 AU	
	-3567 Oct 11 j 16:29	0°♎		
evening rise	-3567 Oct 13 j 00:13	2°♎04'08		
greatest brilliancy	-3567 Oct 27 j 15:04	24°♎38'38	-0.7m	
	-3567 Oct 31 j 08:48	0°♏		
evening max el	-3567 Nov 05 j 18:00	6°♏36'18	19°27'27	
retrograde	-3567 Nov 12 j 23:05	10°♏46'39		
asc. node	-3567 Nov 13 j 15:14	10°♏44'03		
evening set	-3567 Nov 16 j 06:45	9°♏42'18		
inferior conj	-3567 Nov 21 j 22:31	3°♏45'01	2°35'09	
minimum elong	-3567 Nov 21 j 19:33	3°♏54'36	2°34'08	
min. Earth dist.	-3567 Nov 23 j 03:19	2°♏12'07	0.66093 AU	
	-3567 Nov 24 j 22:15	30°℞♎		
morning rise	-3567 Nov 27 j 07:37	27°♎31'44		
direct	-3567 Dec 03 j 11:46	24°♎50'32		
	-3567 Dec 13 j 15:18	0°♏		
morning max el	-3567 Dec 15 j 22:04	2°♏09'39	25°58'50	
desc. node	-3567 Dec 25 j 19:48	13°♏49'57		
	-3566 Jan 06 j 01:14	0°♐		
morning set	-3566 Jan 21 j 02:31	25°♐31'11		
	-3566 Jan 23 j 11:57	0°♑		
max. Earth dist.	-3566 Jan 25 j 02:18	3°♑03'30	1.35696 AU	
superior conj	-3566 Jan 30 j 07:05	13°♑21'05	-1°-30'-25	
minimum elong	-3566 Jan 30 j 10:19	13°♑37'24	1°30'11	
evening rise	-3566 Feb 07 j 04:33	29°♑33'16		
	-3566 Feb 07 j 09:48	0°♒		
asc. node	-3566 Feb 09 j 14:25	4°♒25'19		
evening max el	-3566 Feb 25 j 10:02	28°♒54'32	20°16'30	
	-3566 Feb 26 j 15:11	0°♓		
retrograde	-3566 Mar 07 j 22:32	3°♓54'48		
evening set	-3566 Mar 10 j 05:31	3°♓41'34		
	-3566 Mar 18 j 15:08	30°℞♒		
inferior conj	-3566 Mar 19 j 02:47	29°♒42'41	1°16'30	
minimum elong	-3566 Mar 19 j 06:02	29°♒37'52	1°15'21	
min. Earth dist.	-3566 Mar 20 j 21:09	28°♒39'48	0.55515 AU	
desc. node	-3566 Mar 23 j 18:51	27°♒03'27		
morning rise	-3566 Mar 28 j 04:10	25°♒19'24		
direct	-3566 Mar 31 j 21:15	24°♒49'19		
	-3566 Apr 12 j 18:59	0°♓		
morning max el	-3566 Apr 14 j 11:42	1°♓31'14	23°32'21	
	-3566 May 03 j 18:04	0°♈		
morning set	-3566 May 08 j 02:16	8°♈48'32		
asc. node	-3566 May 08 j 13:56	9°♈49'46		
superior conj	-3566 May 15 j 05:45	24°♈05'00	1°04'22	
minimum elong	-3566 May 15 j 03:19	23°♈51'58	1°03'59	
max. Earth dist.	-3566 May 17 j 10:11	28°♈44'17	1.33663 AU	
	-3566 May 18 j 00:32	0°♉		
evening rise	-3566 May 22 j 19:58	9°♉52'39		
	-3566 Jun 02 j 17:31	0°♊		
desc. node	-3566 Jun 19 j 17:41	24°♊42'33		
	-3566 Jun 24 j 12:54	0°♋		
evening max el	-3566 Jun 25 j 13:02	0°♋59'17	27°23'39	
retrograde	-3566 Jul 09 j 03:31	8°♋23'02		
evening set	-3566 Jul 16 j 06:41	5°♋40'43		
min. Earth dist.	-3566 Jul 19 j 22:07	2°♋22'47	0.63924 AU	
inferior conj	-3566 Jul 22 j 10:09	29°♊45'03	-3°-39'-8	
minimum elong	-3566 Jul 22 j 13:58	29°♊34'59	3°38'10	
	-3566 Jul 22 j 04:30	30°℞♊		
morning rise	-3566 Jul 28 j 23:06	24°♊22'32		
direct	-3566 Jul 31 j 14:16	23°♊47'43		
asc. node	-3566 Aug 04 j 13:18	25°♊06'15		
morning max el	-3566 Aug 07 j 02:47	27°♊13'35	18°00'01	
	-3566 Aug 09 j 13:29	0°♋		
morning set	-3566 Aug 24 j 07:26	23°♋38'48		
	-3566 Aug 28 j 00:23	0°♌		
superior conj	-3566 Sep 06 j 02:38	15°♌11'41	0°58'56	
minimum elong	-3566 Sep 06 j 08:12	15°♌34'27	0°58'22	
max. Earth dist.	-3566 Sep 11 j 14:04	24°♌02'37	1.44073 AU	
	-3566 Sep 15 j 08:11	0°♍		
desc. node	-3566 Sep 15 j 17:04	0°♍34'58		
evening rise	-3566 Sep 22 j 08:33	10°♍56'19		
	-3566 Oct 04 j 21:48	0°♎		
greatest brilliancy	-3566 Oct 13 j 12:30	12°♎19'02	-0.5m	
evening max el	-3566 Oct 19 j 21:28	20°♎02'42	20°26'11	
retrograde	-3566 Oct 27 j 20:28	24°♎44'06		
evening set	-3566 Oct 31 j 13:22	23°♎24'46		
asc. node	-3566 Oct 31 j 12:18	23°♎26'39		
inferior conj	-3566 Nov 06 j 01:07	17°♎16'14	1°49'06	
minimum elong	-3566 Nov 05 j 22:49	17°♎24'03	1°48'12	
min. Earth dist.	-3566 Nov 06 j 17:47	16°♎20'00	0.66861 AU	
morning rise	-3566 Nov 11 j 07:45	10°♎59'34		
direct	-3566 Nov 16 j 20:58	8°♎35'15		
morning max el	-3566 Nov 28 j 06:51	15°♎23'14	24°39'36	
	-3566 Dec 10 j 07:54	0°♏		
desc. node	-3566 Dec 12 j 16:48	3°♏17'22		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3566 Dec	29 j 23:18	0°♐	
morning set	-3565 Jan	03 j 06:23	7°♐23'16	
max. Earth dist.	-3565 Jan	07 j 01:03	14°♐09'23	1.37523 AU
superior conj	-3565 Jan	13 j 16:52	26°♐42'33	-1°-46'-30
minimum elong	-3565 Jan	13 j 19:33	26°♐55'34	1°46'28
	-3565 Jan	15 j 09:18	0°♑	
evening rise	-3565 Jan	22 j 05:50	13°♑38'36	
asc. node	-3565 Jan	27 j 11:28	23°♑47'22	
	-3565 Jan	30 j 23:41	0°♒	
evening max el	-3565 Feb	08 j 03:00	10°♒52'13	19°14'59
retrograde	-3565 Feb	17 j 00:57	15°♒07'23	
evening set	-3565 Feb	19 j 08:54	14°♒51'13	
inferior conj	-3565 Feb	27 j 13:45	10°♒40'51	2°47'23
minimum elong	-3565 Feb	27 j 18:41	10°♒32'30	2°46'03
min. Earth dist.	-3565 Mar	02 j 12:20	8°♒42'25	0.56731 AU
morning rise	-3565 Mar	08 j 00:39	5°♒46'56	
desc. node	-3565 Mar	10 j 15:57	5°♒03'11	
direct	-3565 Mar	12 j 22:33	4°♒51'00	
morning max el	-3565 Mar	27 j 02:44	12°♒06'14	25°09'41
	-3565 Apr	09 j 21:13	0°♓	
morning set	-3565 Apr	22 j 14:28	23°♓50'49	
asc. node	-3565 Apr	25 j 10:57	29°♓55'43	
	-3565 Apr	25 j 11:45	0°♈	
superior conj	-3565 Apr	29 j 15:38	9°♈02'30	0°42'34
minimum elong	-3565 Apr	29 j 13:51	8°♈52'52	0°42'14
max. Earth dist.	-3565 Apr	30 j 18:39	11°♈29'10	1.32957 AU
evening rise	-3565 May	06 j 21:25	24°♈25'34	
	-3565 May	09 j 16:01	0°♉	
	-3565 May	27 j 09:59	0°♊	
desc. node	-3565 Jun	06 j 14:45	12°♊26'32	
evening max el	-3565 Jun	07 j 20:55	13°♊40'51	27°17'38
retrograde	-3565 Jun	21 j 18:04	21°♊03'44	
evening set	-3565 Jun	28 j 20:01	18°♊40'09	
min. Earth dist.	-3565 Jul	02 j 10:20	15°♊48'15	0.62150 AU
inferior conj	-3565 Jul	05 j 11:07	12°♊58'07	-4°-9'-16
minimum elong	-3565 Jul	05 j 13:54	12°♊51'35	4°08'49
morning rise	-3565 Jul	12 j 10:22	7°♊55'30	
direct	-3565 Jul	14 j 22:51	7°♊27'25	
morning max el	-3565 Jul	21 j 17:18	10°♊52'26	17°57'03
asc. node	-3565 Jul	22 j 10:21	11°♊35'57	
	-3565 Aug	03 j 10:47	0°♋	
morning set	-3565 Aug	06 j 21:42	6°♋12'36	
superior conj	-3565 Aug	17 j 22:12	25°♋42'49	1°29'02
minimum elong	-3565 Aug	18 j 03:05	26°♋03'43	1°28'43
	-3565 Aug	20 j 10:41	0°♌	
max. Earth dist.	-3565 Aug	25 j 02:09	7°♌43'03	1.42755 AU
evening rise	-3565 Sep	01 j 14:15	19°♌44'00	
desc. node	-3565 Sep	02 j 14:02	21°♌16'59	
	-3565 Sep	08 j 06:02	0°♍	
greatest brilliancy	-3565 Sep	27 j 19:17	27°♍45'35	-0.4m
	-3565 Sep	29 j 15:27	0°♎	
evening max el	-3565 Oct	02 j 18:48	3°♎28'26	21°37'03
retrograde	-3565 Oct	11 j 16:54	8°♎46'18	
evening set	-3565 Oct	15 j 21:18	7°♎09'28	
asc. node	-3565 Oct	18 j 09:23	4°♎40'21	
inferior conj	-3565 Oct	21 j 06:40	0°♎53'20	0°58'45
minimum elong	-3565 Oct	21 j 05:20	0°♎57'55	0°58'12
min. Earth dist.	-3565 Oct	21 j 12:27	0°♎33'21	0.67310 AU
	-3565 Oct	21 j 22:09	30°℞♍	
morning rise	-3565 Oct	26 j 13:04	24°♍36'11	
direct	-3565 Oct	31 j 10:59	22°♍32'42	
morning max el	-3565 Nov	10 j 16:19	28°♍38'53	23°13'12
	-3565 Nov	11 j 23:21	0°♎	
greatest brilliancy	-3565 Nov	15 j 21:08	4°♎30'32	-0.3m
desc. node	-3565 Nov	29 j 13:46	23°♎12'07	
	-3565 Dec	04 j 02:36	0°♏	
morning set	-3565 Dec	15 j 08:28	17°♏56'18	
max. Earth dist.	-3565 Dec	19 j 20:19	25°♏34'36	1.39588 AU
	-3565 Dec	22 j 08:56	0°♐	
superior conj	-3565 Dec	27 j 11:54	9°♐16'13	-1°-55'-2
minimum elong	-3565 Dec	27 j 12:43	9°♐19'59	1°55'09
evening rise	-3564 Jan	05 j 22:50	27°♐13'38	
	-3564 Jan	07 j 09:33	0°♑	
asc. node	-3564 Jan	14 j 08:29	12°♑41'01	
evening max el	-3564 Jan	22 j 05:01	23°♑21'52	18°33'13
retrograde	-3564 Jan	29 j 21:15	27°♑06'32	
evening set	-3564 Feb	01 j 08:22	26°♑44'43	
inferior conj	-3564 Feb	08 j 20:37	22°♑14'51	3°41'09
minimum elong	-3564 Feb	08 j 23:49	22°♑08'32	3°40'35
min. Earth dist.	-3564 Feb	12 j 05:57	19°♑36'30	0.58525 AU
morning rise	-3564 Feb	16 j 11:39	16°♑54'29	
direct	-3564 Feb	22 j 13:11	15°♑21'12	
desc. node	-3564 Feb	25 j 13:02	15°♑43'35	
morning max el	-3564 Mar	07 j 19:39	22°♑53'41	26°31'45
	-3564 Mar	14 j 03:53	0°♒	
	-3564 Apr	01 j 17:06	0°♓	
morning set	-3564 Apr	06 j 01:32	8°♓49'10	
asc. node	-3564 Apr	11 j 07:58	20°♓07'32	
superior conj	-3564 Apr	13 j 03:10	24°♓03'48	0°18'46
minimum elong	-3564 Apr	13 j 02:20	23°♓59'18	0°18'34
max. Earth dist.	-3564 Apr	13 j 07:16	24°♓26'16	1.32595 AU
	-3564 Apr	15 j 20:25	0°♈	
evening rise	-3564 Apr	20 j 04:23	9°♈14'17	
	-3564 May	01 j 01:23	0°♉	
evening max el	-3564 May	19 j 23:44	25°♉43'47	26°38'50
desc. node	-3564 May	23 j 11:49	28°♉45'05	
	-3564 May	25 j 05:53	0°♊	
retrograde	-3564 Jun	03 j 00:55	3°♊02'56	
evening set	-3564 Jun	09 j 14:39	1°♊11'30	
	-3564 Jun	11 j 12:41	30°℞♉	
min. Earth dist.	-3564 Jun	13 j 13:10	28°♉30'44	0.60145 AU
inferior conj	-3564 Jun	16 j 21:35	25°♉46'35	-4°-21'-54
minimum elong	-3564 Jun	16 j 21:51	25°♉46'01	4°21'48
morning rise	-3564 Jun	24 j 08:25	21°♉05'43	
direct	-3564 Jun	26 j 19:57	20°♉42'33	
morning max el	-3564 Jul	04 j 04:43	24°♉16'59	18°13'18
asc. node	-3564 Jul	08 j 07:25	29°♉08'48	
	-3564 Jul	08 j 21:53	0°♊	
morning set	-3564 Jul	20 j 03:49	19°♊33'39	
	-3564 Jul	25 j 17:17	0°♋	
superior conj	-3564 Jul	29 j 19:51	7°♋31'57	1°44'56
minimum elong	-3564 Jul	29 j 22:09	7°♋42'24	1°44'58
max. Earth dist.	-3564 Aug	06 j 08:48	20°♋45'07	1.41003 AU
evening rise	-3564 Aug	11 j 12:32	29°♋19'43	
	-3564 Aug	11 j 22:26	0°♌	
desc. node	-3564 Aug	19 j 11:01	11°♌52'53	
	-3564 Aug	31 j 19:31	0°♍	
greatest brilliancy	-3564 Sep	09 j 09:18	11°♍15'32	-0.3m
evening max el	-3564 Sep	14 j 10:36	16°♍55'07	22°55'42
retrograde	-3564 Sep	24 j 10:56	22°♍51'12	
evening set	-3564 Sep	29 j 04:52	20°♍55'05	
asc. node	-3564 Oct	04 j 06:27	14°♍58'35	
inferior conj	-3564 Oct	04 j 13:20	14°♍34'53	0°05'54
minimum elong	-3564 Oct	04 j 13:12	14°♍35'22	0°05'52
transit middle	-3564 Oct	04 j 13:12	14°♍35'22	0°05'52
transit begin	-3564 Oct	04 j 10:40	14°♍44'03	
transit end	-3564 Oct	04 j 15:43	14°♍26'41	
min. Earth dist.	-3564 Oct	04 j 08:51	14°♍50'20	0.67455 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3564 Oct 09 j 21:28	8°♍20'19	
direct	-3564 Oct 14 j 04:56	6°♍38'34	
morning max el	-3564 Oct 23 j 05:51	11°♍59'51	21°48'38
greatest brilliancy	-3564 Oct 28 j 04:03	17°♍37'16	-0.4m
	-3564 Nov 06 j 07:58	0°♎	
desc. node	-3564 Nov 15 j 10:45	13°♎26'42	
morning set	-3564 Nov 24 j 05:48	27°♎06'31	
	-3564 Nov 26 j 01:07	0°♏	
max. Earth dist.	-3564 Nov 30 j 20:21	7°♏51'02	1.41612 AU
superior conj	-3564 Dec 08 j 10:56	20°♏49'24	-1°-52'-28
minimum elong	-3564 Dec 08 j 08:24	20°♏38'19	1°52'29
	-3564 Dec 13 j 14:37	0°♐	
evening rise	-3564 Dec 19 j 04:21	10°♐11'49	
	-3564 Dec 30 j 13:44	0°♑	
asc. node	-3564 Dec 31 j 05:31	0°♑57'42	
evening max el	-3563 Jan 04 j 13:25	6°♑16'03	18°11'25
retrograde	-3563 Jan 11 j 11:16	9°♑45'53	
evening set	-3563 Jan 14 j 01:19	9°♑17'13	
inferior conj	-3563 Jan 20 j 23:21	4°♑25'03	4°01'08
minimum elong	-3563 Jan 20 j 23:47	4°♑24'02	4°00'59
min. Earth dist.	-3563 Jan 24 j 04:53	1°♑30'02	0.60545 AU
	-3563 Jan 26 j 00:55	30°℞♐	
morning rise	-3563 Jan 27 j 19:31	28°♐45'31	
direct	-3563 Feb 03 j 14:47	26°♐34'58	
desc. node	-3563 Feb 11 j 10:07	29°♐08'08	
	-3563 Feb 12 j 17:29	0°♑	
morning max el	-3563 Feb 17 j 18:23	4°♑15'35	27°25'18
	-3563 Mar 08 j 19:31	0°♒	
morning set	-3563 Mar 21 j 09:39	23°♒36'59	
	-3563 Mar 24 j 10:30	0°♓	
max. Earth dist.	-3563 Mar 27 j 20:24	7°♓22'51	1.32576 AU
superior conj	-3563 Mar 28 j 14:41	9°♓02'43	0°-6'-14
minimum elong	-3563 Mar 28 j 14:58	9°♓04'15	0°06'14
behind sun begin	-3563 Mar 28 j 10:19	8°♓38'49	
behind sun end	-3563 Mar 28 j 19:37	9°♓29'41	
asc. node	-3563 Mar 29 j 04:58	10°♓20'48	
evening rise	-3563 Apr 04 j 14:38	24°♓10'36	
	-3563 Apr 07 j 10:24	0°♈	
	-3563 Apr 25 j 12:28	0°♉	
evening max el	-3563 May 01 j 20:11	7°♉04'13	25°30'20
desc. node	-3563 May 10 j 08:55	13°♉04'14	
retrograde	-3563 May 15 j 21:54	14°♉16'03	
evening set	-3563 May 21 j 11:30	13°♉03'00	
min. Earth dist.	-3563 May 26 j 08:28	10°♉16'36	0.58130 AU
inferior conj	-3563 May 29 j 13:54	8°♉00'02	-4°-7'-38
minimum elong	-3563 May 29 j 10:33	8°♉05'59	4°07'12
morning rise	-3563 Jun 06 j 13:35	3°♉40'55	
direct	-3563 Jun 09 j 01:08	3°♉21'38	
morning max el	-3563 Jun 17 j 10:06	7°♉17'56	18°49'42
asc. node	-3563 Jun 25 j 04:28	17°♉30'13	
	-3563 Jul 02 j 02:06	0°♊	
morning set	-3563 Jul 03 j 21:23	3°♊30'07	
superior conj	-3563 Jul 12 j 14:06	20°♊23'56	1°48'59
minimum elong	-3563 Jul 12 j 13:58	20°♊23'17	1°49'08
	-3563 Jul 17 j 18:11	0°♋	
max. Earth dist.	-3563 Jul 19 j 11:31	3°♋05'46	1.39053 AU
evening rise	-3563 Jul 23 j 12:23	10°♋08'57	
	-3563 Aug 04 j 19:29	0°♌	
desc. node	-3563 Aug 06 j 08:00	2°♌17'55	
	-3563 Aug 27 j 13:13	0°♍	
evening max el	-3563 Aug 27 j 22:38	0°♍23'35	24°16'12
retrograde	-3563 Sep 08 j 01:25	6°♍55'05	
evening set	-3563 Sep 13 j 10:15	4°♍39'23	
	-3563 Sep 17 j 13:10	30°℞♌	

min. Earth dist.	-3563 Sep 18 j 04:30	29°♌08'48	0.67296 AU
inferior conj	-3563 Sep 18 j 19:24	28°♌18'33	0°-47'-50
minimum elong	-3563 Sep 18 j 20:31	28°♌14'45	0°47'19
asc. node	-3563 Sep 21 j 03:34	25°♌16'05	
morning rise	-3563 Sep 24 j 07:02	22°♌09'42	
direct	-3563 Sep 28 j 01:39	20°♌48'13	
morning max el	-3563 Oct 06 j 02:11	25°♌29'15	20°32'35
	-3563 Oct 10 j 00:56	0°♍	
greatest brilliancy	-3563 Oct 12 j 10:05	3°♍04'25	-0.5m
	-3563 Oct 30 j 18:47	0°♎	
desc. node	-3563 Nov 02 j 07:43	3°♎54'43	
morning set	-3563 Nov 03 j 06:26	5°♎22'43	
max. Earth dist.	-3563 Nov 13 j 04:09	21°♎01'47	1.43293 AU
	-3563 Nov 18 j 15:55	0°♏	
superior conj	-3563 Nov 19 j 08:25	1°♏08'27	-1°-34'-55
minimum elong	-3563 Nov 19 j 02:13	0°♏42'40	1°34'30
evening rise	-3563 Dec 01 j 18:18	22°♏24'45	
	-3563 Dec 06 j 02:12	0°♐	
asc. node	-3563 Dec 18 j 02:33	18°♐26'24	
evening max el	-3563 Dec 19 j 01:19	19°♐26'52	18°09'18
retrograde	-3563 Dec 25 j 15:03	22°♐55'16	
evening set	-3563 Dec 28 j 08:10	22°♐18'51	
inferior conj	-3562 Jan 03 j 18:47	17°♐05'13	3°55'59
minimum elong	-3562 Jan 03 j 17:04	17°♐09'40	3°55'41
min. Earth dist.	-3562 Jan 06 j 12:25	14°♐16'15	0.62482 AU
morning rise	-3562 Jan 10 j 00:00	11°♐11'56	
direct	-3562 Jan 17 j 01:19	8°♐34'27	
desc. node	-3562 Jan 29 j 07:12	14°♐44'31	
morning max el	-3562 Jan 30 j 23:20	16°♐19'15	27°43'18
	-3562 Feb 11 j 07:25	0°♑	
	-3562 Mar 01 j 09:48	0°♒	
morning set	-3562 Mar 05 j 12:46	8°♒07'12	
max. Earth dist.	-3562 Mar 11 j 06:09	20°♒05'07	1.32913 AU
superior conj	-3562 Mar 13 j 00:35	23°♒53'43	0°-31'-30
minimum elong	-3562 Mar 13 j 02:00	24°♒01'24	0°31'18
	-3562 Mar 15 j 20:07	0°♓	
asc. node	-3562 Mar 16 j 01:58	0°♓31'44	
evening rise	-3562 Mar 20 j 02:18	9°♓07'51	
	-3562 Mar 31 j 00:27	0°♈	
evening max el	-3562 Apr 13 j 12:10	17°♈53'14	24°01'56
retrograde	-3562 Apr 27 j 07:11	24°♈48'13	
desc. node	-3562 Apr 27 j 06:02	24°♈48'12	
evening set	-3562 May 01 j 12:46	24°♈08'24	
min. Earth dist.	-3562 May 07 j 23:39	21°♈02'02	0.56422 AU
inferior conj	-3562 May 10 j 10:05	19°♈31'45	-3°-16'-13
minimum elong	-3562 May 10 j 04:06	19°♈41'02	3°14'47
morning rise	-3562 May 18 j 23:20	15°♈29'58	
direct	-3562 May 21 j 11:18	15°♈13'37	
morning max el	-3562 May 31 j 06:49	19°♈46'36	19°46'38
	-3562 Jun 08 j 06:54	0°♉	
asc. node	-3562 Jun 12 j 01:33	6°♉28'53	
morning set	-3562 Jun 17 j 23:04	17°♉53'25	
	-3562 Jun 23 j 22:45	0°♊	
superior conj	-3562 Jun 25 j 23:30	4°♊03'30	1°43'59
minimum elong	-3562 Jun 25 j 21:44	3°♊54'43	1°44'01
max. Earth dist.	-3562 Jul 01 j 14:33	14°♊56'54	1.37157 AU
evening rise	-3562 Jul 05 j 12:57	22°♊11'29	
	-3562 Jul 09 j 23:40	0°♋	
desc. node	-3562 Jul 24 j 05:01	22°♋26'40	
	-3562 Jul 29 j 15:04	0°♌	
evening max el	-3562 Aug 10 j 09:18	13°♌54'42	25°31'14
retrograde	-3562 Aug 22 j 11:44	20°♌53'56	
evening set	-3562 Aug 28 j 11:38	18°♌21'03	
min. Earth dist.	-3562 Sep 01 j 21:03	13°♌27'11	0.66815 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3562 Sep 02 j 23:07	12°♌02'57	-1°-40'-49
minimum elong	-3562 Sep 03 j 01:28	11°♌55'20	1°39'48
asc. node	-3562 Sep 08 j 00:42	6°♌29'28	
morning rise	-3562 Sep 08 j 15:54	6°♌02'52	
direct	-3562 Sep 11 j 23:46	4°♌58'45	
morning max el	-3562 Sep 19 j 05:53	9°♌07'47	19°29'16
greatest brilliancy	-3562 Sep 28 j 10:15	21°♌00'18	-0.7m
	-3562 Oct 04 j 09:51	0°♍	
morning set	-3562 Oct 13 j 07:59	13°♍48'53	
desc. node	-3562 Oct 20 j 04:39	24°♍31'46	
	-3562 Oct 23 j 16:15	0°♎	
max. Earth dist.	-3562 Oct 26 j 18:03	4°♎51'22	1.44415 AU
superior conj	-3562 Oct 30 j 02:41	10°♎12'00	-1°00'-26
minimum elong	-3562 Oct 29 j 19:59	9°♎45'14	0°59'42
	-3562 Nov 11 j 06:30	0°♏	
evening rise	-3562 Nov 13 j 12:03	3°♏42'47	
	-3562 Nov 30 j 03:42	0°♐	
evening max el	-3562 Dec 02 j 13:53	2°♐47'12	18°26'00
asc. node	-3562 Dec 04 j 23:39	4°♐53'03	
retrograde	-3562 Dec 09 j 04:03	6°♐24'57	
evening set	-3562 Dec 12 j 01:18	5°♐39'27	
inferior conj	-3562 Dec 18 j 03:00	0°♐06'41	3°33'22
minimum elong	-3562 Dec 18 j 00:08	0°♐14'55	3°32'43
	-3562 Dec 18 j 05:20	30°℞♏	
min. Earth dist.	-3562 Dec 20 j 06:03	27°♏40'26	0.64158 AU
morning rise	-3562 Dec 23 j 21:35	24°♏03'25	
direct	-3562 Dec 30 j 19:26	21°♏13'35	
morning max el	-3561 Jan 13 j 08:05	28°♏57'05	27°25'32
	-3561 Jan 14 j 08:54	0°♐	
desc. node	-3561 Jan 16 j 04:15	1°♐56'16	
	-3561 Feb 05 j 02:58	0°♑	
morning set	-3561 Feb 17 j 08:05	22°♑09'38	
	-3561 Feb 21 j 05:33	0°♒	
max. Earth dist.	-3561 Feb 22 j 08:21	2°♒18'29	1.33645 AU
superior conj	-3561 Feb 25 j 06:56	8°♒29'31	0°-56'-8
minimum elong	-3561 Feb 25 j 09:22	8°♒42'26	0°55'49
asc. node	-3561 Mar 02 j 22:59	20°♒35'21	
evening rise	-3561 Mar 04 j 13:30	23°♒58'28	
	-3561 Mar 07 j 11:51	0°♓	
evening max el	-3561 Mar 26 j 05:21	28°♓35'38	22°27'36
	-3561 Mar 27 j 18:43	0°♈	
retrograde	-3561 Apr 08 j 04:22	4°♈55'39	
evening set	-3561 Apr 11 j 04:59	4°♈35'31	
desc. node	-3561 Apr 14 j 03:11	3°♈41'02	
min. Earth dist.	-3561 Apr 19 j 13:45	0°♈56'55	0.55359 AU
inferior conj	-3561 Apr 20 j 12:45	0°♈24'10	-1°-44'-26
minimum elong	-3561 Apr 20 j 08:11	0°♈30'41	1°42'59
	-3561 Apr 21 j 05:46	30°℞♓	
morning rise	-3561 Apr 29 j 13:29	26°♓27'30	
direct	-3561 May 02 j 04:51	26°♓11'29	
	-3561 May 11 j 20:52	0°♈	
morning max el	-3561 May 13 j 16:57	1°♈34'44	21°03'08
asc. node	-3561 May 29 j 22:35	25°♈54'49	
	-3561 May 31 j 23:43	0°♉	
morning set	-3561 Jun 02 j 06:12	2°♉35'33	
superior conj	-3561 Jun 09 j 19:32	18°♉16'49	1°32'16
minimum elong	-3561 Jun 09 j 16:59	18°♉03'41	1°32'06
max. Earth dist.	-3561 Jun 13 j 23:56	26°♉44'40	1.35515 AU
	-3561 Jun 15 j 15:41	0°♊	
evening rise	-3561 Jun 18 j 09:11	5°♊13'57	
	-3561 Jul 02 j 18:45	0°♋	
desc. node	-3561 Jul 11 j 02:05	12°♋11'38	
evening max el	-3561 Jul 23 j 20:24	27°♋25'33	26°32'51
	-3561 Jul 26 j 16:46	0°♌	
retrograde	-3561 Aug 05 j 17:20	4°♌41'41	
evening set	-3561 Aug 12 j 06:51	1°♌57'25	
	-3561 Aug 14 j 07:47	30°℞♋	
min. Earth dist.	-3561 Aug 16 j 08:12	27°♋41'59	0.65981 AU
inferior conj	-3561 Aug 17 j 22:36	25°♋45'29	-2°-31'-11
minimum elong	-3561 Aug 18 j 01:57	25°♋35'18	2°29'55
morning rise	-3561 Aug 23 j 22:02	19°♋57'17	
asc. node	-3561 Aug 25 j 21:49	19°♋12'34	
direct	-3561 Aug 26 j 21:32	19°♋07'03	
morning max el	-3561 Sep 02 j 15:39	22°♋52'53	18°41'16
	-3561 Sep 08 j 08:28	0°♌	
morning set	-3561 Sep 23 j 06:52	23°♌20'36	
	-3561 Sep 27 j 10:45	0°♍	
desc. node	-3561 Oct 07 j 01:36	15°♍14'34	
superior conj	-3561 Oct 09 j 03:35	18°♍31'30	0°-13'-14
minimum elong	-3561 Oct 09 j 01:50	18°♍24'37	0°12'58
behind sun begin	-3561 Oct 08 j 18:50	17°♍56'59	
behind sun end	-3561 Oct 09 j 08:51	18°♍52'15	
max. Earth dist.	-3561 Oct 09 j 11:26	19°♍02'25	1.44851 AU
	-3561 Oct 16 j 10:20	0°♎	
evening rise	-3561 Oct 25 j 05:42	13°♎58'39	
	-3561 Nov 04 j 07:30	0°♏	
evening max el	-3561 Nov 16 j 00:39	16°♏12'51	19°00'20
asc. node	-3561 Nov 21 j 20:45	20°♏02'26	
retrograde	-3561 Nov 22 j 22:25	20°♏08'52	
evening set	-3561 Nov 26 j 01:39	19°♏12'13	
inferior conj	-3561 Dec 01 j 20:32	13°♏23'13	2°58'53
minimum elong	-3561 Dec 01 j 17:25	13°♏32'57	2°57'56
min. Earth dist.	-3561 Dec 03 j 09:09	11°♏29'19	0.65494 AU
morning rise	-3561 Dec 07 j 08:12	7°♏12'50	
direct	-3561 Dec 13 j 20:06	4°♏24'58	
morning max el	-3561 Dec 26 j 17:46	11°♏56'53	26°37'10
desc. node	-3560 Jan 03 j 01:17	20°♏15'37	
	-3560 Jan 10 j 06:39	0°♐	
	-3560 Jan 28 j 16:27	0°♑	
morning set	-3560 Jan 31 j 16:01	5°♑32'59	
max. Earth dist.	-3560 Feb 04 j 23:33	13°♑55'40	1.34820 AU
superior conj	-3560 Feb 09 j 07:37	22°♑43'30	-1°-18'-50
minimum elong	-3560 Feb 09 j 10:43	22°♑59'32	1°18'33
	-3560 Feb 12 j 19:27	0°♒	
evening rise	-3560 Feb 16 j 22:28	8°♒36'32	
asc. node	-3560 Feb 17 j 20:00	10°♒27'13	
	-3560 Feb 28 j 12:26	0°♓	
evening max el	-3560 Mar 07 j 05:57	9°♓38'31	21°00'11
retrograde	-3560 Mar 18 j 17:53	15°♓08'04	
evening set	-3560 Mar 21 j 03:22	14°♓54'40	
inferior conj	-3560 Mar 30 j 07:52	10°♓56'45	0°11'26
minimum elong	-3560 Mar 30 j 08:24	10°♓56'00	0°11'11
transit middle	-3560 Mar 30 j 08:24	10°♓56'00	0°11'11
transit begin	-3560 Mar 30 j 05:30	11°♓00'08	
transit end	-3560 Mar 30 j 11:18	10°♓51'53	
min. Earth dist.	-3560 Mar 31 j 03:54	10°♓28'14	0.55192 AU
desc. node	-3560 Mar 31 j 00:18	10°♓33'21	
morning rise	-3560 Apr 08 j 12:24	6°♓47'29	
direct	-3560 Apr 11 j 16:45	6°♓25'25	
morning max el	-3560 Apr 24 j 16:27	12°♓41'43	22°35'19
	-3560 May 07 j 14:13	0°♈	
asc. node	-3560 May 15 j 19:34	15°♈40'51	
morning set	-3560 May 16 j 16:41	17°♈30'18	
	-3560 May 22 j 14:09	0°♉	
superior conj	-3560 May 23 j 22:51	2°♉53'31	1°15'38
minimum elong	-3560 May 23 j 20:13	2°♉39'35	1°15'18
max. Earth dist.	-3560 May 26 j 19:21	8°♉52'40	1.34233 AU
evening rise	-3560 May 31 j 19:58	19°♉01'36	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3560 Jun 06 j 15:45	0°♊	
	-3560 Jun 25 j 21:38	0°♋	
desc. node	-3560 Jun 26 j 23:10	1°♋22'08	
evening max el	-3560 Jul 05 j 07:53	10°♋47'27	27°13'06
retrograde	-3560 Jul 18 j 17:27	18°♋10'06	
evening set	-3560 Jul 25 j 17:10	15°♋23'53	
min. Earth dist.	-3560 Jul 29 j 11:39	11°♋46'01	0.64777 AU
inferior conj	-3560 Jul 31 j 15:32	9°♋21'25	-3°-16'-34
minimum elong	-3560 Jul 31 j 19:24	9°♋10'35	3°15'24
morning rise	-3560 Aug 06 j 23:06	3°♋48'21	
direct	-3560 Aug 09 j 16:40	3°♋08'40	
asc. node	-3560 Aug 11 j 18:54	3°♋31'53	
morning max el	-3560 Aug 16 j 05:16	6°♋39'33	18°09'59
	-3560 Aug 31 j 21:09	0°♌	
morning set	-3560 Sep 03 j 09:21	4°♌12'10	
superior conj	-3560 Sep 17 j 08:28	27°♌06'44	0°35'12
minimum elong	-3560 Sep 17 j 12:33	27°♌23'04	0°34'45
	-3560 Sep 19 j 03:51	0°♍	
max. Earth dist.	-3560 Sep 21 j 05:21	3°♍16'38	1.44560 AU
desc. node	-3560 Sep 22 j 22:34	5°♍59'31	
evening rise	-3560 Oct 03 j 23:38	23°♍14'38	
	-3560 Oct 08 j 08:27	0°♎	
greatest brilliancy	-3560 Oct 21 j 15:20	19°♎58'53	-0.6m
evening max el	-3560 Oct 29 j 07:20	29°♎39'53	19°50'47
	-3560 Oct 29 j 15:15	0°♏	
retrograde	-3560 Nov 05 j 19:15	4°♏02'14	
asc. node	-3560 Nov 07 j 17:51	3°♏40'23	
evening set	-3560 Nov 09 j 06:35	2°♏51'53	
	-3560 Nov 12 j 08:03	30°℞♎	
inferior conj	-3560 Nov 14 j 20:29	26°♎49'40	2°16'16
minimum elong	-3560 Nov 14 j 17:44	26°♎58'42	2°15'16
min. Earth dist.	-3560 Nov 15 j 20:00	25°♎32'11	0.66469 AU
morning rise	-3560 Nov 20 j 04:14	20°♎34'46	
direct	-3560 Nov 26 j 02:21	17°♎59'44	
morning max el	-3560 Dec 08 j 02:39	25°♎06'45	25°26'29
	-3560 Dec 12 j 13:49	0°♏	
desc. node	-3560 Dec 19 j 22:16	9°♏22'12	
	-3559 Jan 02 j 18:27	0°♐	
morning set	-3559 Jan 13 j 07:45	18°♐02'39	
max. Earth dist.	-3559 Jan 17 j 03:10	25°♐04'54	1.36437 AU
	-3559 Jan 19 j 16:58	0°♑	
superior conj	-3559 Jan 22 j 23:50	6°♑27'01	-1°-37'-59
minimum elong	-3559 Jan 23 j 02:57	6°♑42'35	1°37'50
evening rise	-3559 Jan 31 j 03:12	22°♑55'41	
asc. node	-3559 Feb 03 j 17:01	0°♒01'56	
	-3559 Feb 03 j 16:37	0°♒	
evening max el	-3559 Feb 17 j 16:56	21°♒15'35	19°47'57
retrograde	-3559 Feb 27 j 11:57	25°♒54'35	
evening set	-3559 Mar 01 j 19:00	25°♒40'26	
inferior conj	-3559 Mar 10 j 09:37	21°♒38'15	1°59'18
minimum elong	-3559 Mar 10 j 14:07	21°♒31'15	1°57'52
min. Earth dist.	-3559 Mar 12 j 18:11	20°♒10'31	0.55948 AU
desc. node	-3559 Mar 17 j 21:23	17°♒30'59	
morning rise	-3559 Mar 19 j 06:01	17°♒02'24	
direct	-3559 Mar 23 j 11:07	16°♒22'56	
morning max el	-3559 Apr 06 j 08:42	23°♒20'47	24°14'40
	-3559 Apr 12 j 07:26	0°♓	
	-3559 Apr 29 j 23:34	0°♈	
morning set	-3559 May 01 j 04:46	2°♈32'04	
asc. node	-3559 May 02 j 16:34	5°♈41'20	
superior conj	-3559 May 08 j 06:56	17°♈45'47	0°55'24
minimum elong	-3559 May 08 j 04:44	17°♈33'56	0°55'02
max. Earth dist.	-3559 May 10 j 00:04	21°♈27'02	1.33322 AU
	-3559 May 14 j 01:33	0°♉	
evening rise	-3559 May 15 j 17:04	3°♉21'39	
	-3559 May 30 j 10:39	0°♊	
desc. node	-3559 Jun 13 j 20:14	19°♊43'48	
evening max el	-3559 Jun 17 j 17:57	23°♊48'20	27°25'12
	-3559 Jun 26 j 08:08	0°♋	
retrograde	-3559 Jul 01 j 11:27	1°♋11'15	
	-3559 Jul 06 j 07:50	30°℞♊	
evening set	-3559 Jul 08 j 15:17	28°♊35'28	
min. Earth dist.	-3559 Jul 12 j 05:36	25°♊29'57	0.63206 AU
inferior conj	-3559 Jul 14 j 23:15	22°♊45'27	-3°-53'-36
minimum elong	-3559 Jul 15 j 02:47	22°♊36'33	3°52'51
morning rise	-3559 Jul 21 j 16:22	17°♊30'49	
direct	-3559 Jul 24 j 06:16	16°♊58'59	
asc. node	-3559 Jul 29 j 15:57	19°♊18'38	
morning max el	-3559 Jul 30 j 20:14	20°♊23'15	17°56'29
	-3559 Aug 07 j 00:39	0°♋	
morning set	-3559 Aug 16 j 12:12	16°♋13'40	
	-3559 Aug 24 j 10:40	0°♌	
superior conj	-3559 Aug 28 j 12:01	6°♌50'19	1°13'30
minimum elong	-3559 Aug 28 j 17:42	7°♌14'01	1°13'00
max. Earth dist.	-3559 Sep 03 j 20:52	17°♌16'35	1.43583 AU
desc. node	-3559 Sep 09 j 19:34	26°♌43'48	
	-3559 Sep 11 j 21:47	0°♍	
evening rise	-3559 Sep 13 j 04:25	1°♍58'57	
	-3559 Oct 01 j 23:10	0°♎	
greatest brilliancy	-3559 Oct 06 j 16:46	6°♎26'12	-0.5m
evening max el	-3559 Oct 12 j 08:20	13°♎06'32	20°55'01
retrograde	-3559 Oct 20 j 16:21	18°♎02'23	
evening set	-3559 Oct 24 j 14:00	16°♎35'43	
asc. node	-3559 Oct 25 j 14:56	15°♎43'17	
inferior conj	-3559 Oct 30 j 00:33	10°♎23'36	1°28'10
minimum elong	-3559 Oct 29 j 22:38	10°♎30'11	1°27'23
min. Earth dist.	-3559 Oct 30 j 12:26	9°♎43'05	0.67098 AU
morning rise	-3559 Nov 04 j 06:52	4°♎06'38	
direct	-3559 Nov 09 j 13:35	1°♎50'59	
morning max el	-3559 Nov 20 j 11:22	8°♎21'13	24°03'09
desc. node	-3559 Dec 06 j 19:15	29°♎02'32	
	-3559 Dec 07 j 11:11	0°♏	
morning set	-3559 Dec 26 j 01:21	29°♏22'44	
	-3559 Dec 26 j 10:00	0°♐	
max. Earth dist.	-3559 Dec 29 j 23:52	6°♐16'33	1.38396 AU
superior conj	-3558 Jan 06 j 03:57	19°♐30'02	-1°-51'-15
minimum elong	-3558 Jan 06 j 06:02	19°♐39'55	1°51'17
	-3558 Jan 11 j 14:03	0°♑	
evening rise	-3558 Jan 15 j 01:20	6°♑49'25	
asc. node	-3558 Jan 21 j 14:03	19°♑13'04	
	-3558 Jan 28 j 11:56	0°♒	
evening max el	-3558 Jan 31 j 13:59	3°♒27'36	18°54'39
retrograde	-3558 Feb 08 j 21:50	7°♒27'59	
evening set	-3558 Feb 11 j 07:11	7°♒09'32	
inferior conj	-3558 Feb 19 j 04:43	2°♒51'04	3°14'50
minimum elong	-3558 Feb 19 j 09:12	2°♒42'58	3°13'48
min. Earth dist.	-3558 Feb 22 j 09:47	0°♒33'27	0.57446 AU
	-3558 Feb 23 j 05:42	30°℞♑	
morning rise	-3558 Feb 27 j 07:25	27°♑45'14	
direct	-3558 Mar 04 j 17:48	26°♑34'34	
desc. node	-3558 Mar 04 j 18:28	26°♑34'34	
	-3558 Mar 14 j 05:29	0°♒	
morning max el	-3558 Mar 18 j 23:53	3°♒57'55	25°47'29
	-3558 Apr 06 j 16:33	0°♓	
morning set	-3558 Apr 15 j 16:43	17°♓33'53	
asc. node	-3558 Apr 19 j 13:33	25°♓50'26	
	-3558 Apr 21 j 11:22	0°♈	
superior conj	-3558 Apr 22 j 17:43	2°♈45'44	0°32'39

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3558 Apr 22 j 16:19	2°♈38'07	0°32'22
max. Earth dist.	-3558 Apr 23 j 10:57	4°♈19'50	1.32763 AU
evening rise	-3558 Apr 29 j 21:10	18°♈02'28	
	-3558 May 05 j 22:27	0°♉	
	-3558 May 25 j 06:06	0°♊	
evening max el	-3558 May 30 j 23:52	6°♊14'14	27°05'03
desc. node	-3558 May 31 j 17:19	6°♊55'08	
retrograde	-3558 Jun 13 j 22:38	13°♊35'23	
evening set	-3558 Jun 20 j 21:06	11°♊23'53	
min. Earth dist.	-3558 Jun 24 j 13:23	8°♊39'07	0.61319 AU
inferior conj	-3558 Jun 27 j 18:27	5°♊49'01	-4°-17'-15
minimum elong	-3558 Jun 27 j 20:22	5°♊44'47	4°17'01
morning rise	-3558 Jul 04 j 22:29	0°♊55'40	
direct	-3558 Jul 07 j 10:32	0°♊29'43	
morning max el	-3558 Jul 14 j 09:46	3°♊56'58	18°01'38
asc. node	-3558 Jul 16 j 13:00	6°♊16'59	
morning set	-3558 Jul 30 j 09:46	29°♊08'56	
	-3558 Jul 30 j 20:53	0°♋	
superior conj	-3558 Aug 09 j 19:12	17°♋56'05	1°37'24
minimum elong	-3558 Aug 09 j 23:04	18°♋13'01	1°37'16
	-3558 Aug 16 j 20:38	0°♌	
max. Earth dist.	-3558 Aug 17 j 07:00	0°♌43'08	1.42048 AU
evening rise	-3558 Aug 23 j 15:10	11°♌01'12	
desc. node	-3558 Aug 27 j 16:33	17°♌23'42	
	-3558 Sep 05 j 00:22	0°♍	
greatest brilliancy	-3558 Sep 20 j 09:11	21°♍10'21	-0.3m
evening max el	-3558 Sep 25 j 03:05	26°♍32'09	22°09'50
	-3558 Sep 29 j 01:58	0°♎	
retrograde	-3558 Oct 04 j 12:02	2°♎06'28	
evening set	-3558 Oct 08 j 22:02	0°♎21'21	
	-3558 Oct 09 j 08:11	30°℞♍	
asc. node	-3558 Oct 12 j 12:01	26°♍28'03	
inferior conj	-3558 Oct 14 j 06:48	24°♍02'50	0°36'33
minimum elong	-3558 Oct 14 j 05:58	24°♍05'45	0°36'12
min. Earth dist.	-3558 Oct 14 j 08:06	23°♍58'23	0.67405 AU
morning rise	-3558 Oct 19 j 13:44	17°♍46'35	
direct	-3558 Oct 24 j 05:15	15°♍52'39	
morning max el	-3558 Nov 02 j 22:23	21°♍39'43	22°36'40
greatest brilliancy	-3558 Nov 07 j 15:13	26°♍56'59	-0.3m
	-3558 Nov 10 j 01:38	0°♎	
desc. node	-3558 Nov 23 j 16:15	19°♎06'53	
	-3558 Nov 30 j 19:02	0°♏	
morning set	-3558 Dec 06 j 15:19	9°♏20'54	
max. Earth dist.	-3558 Dec 11 j 20:55	18°♏03'49	1.40469 AU
	-3558 Dec 18 j 16:57	0°♐	
superior conj	-3558 Dec 19 j 15:15	1°♐40'19	-1°-55'-32
minimum elong	-3558 Dec 19 j 14:48	1°♐38'19	1°55'39
evening rise	-3558 Dec 29 j 13:59	20°♐10'53	
	-3557 Jan 03 j 20:33	0°♑	
asc. node	-3557 Jan 08 j 11:05	7°♑53'00	
evening max el	-3557 Jan 14 j 19:04	16°♑09'17	18°21'27
retrograde	-3557 Jan 22 j 02:22	19°♑46'16	
evening set	-3557 Jan 24 j 14:35	19°♑21'47	
inferior conj	-3557 Jan 31 j 20:27	14°♑42'24	3°53'16
minimum elong	-3557 Jan 31 j 22:29	14°♑38'09	3°52'57
min. Earth dist.	-3557 Feb 04 j 05:29	11°♑53'55	0.59372 AU
morning rise	-3557 Feb 08 j 03:03	9°♑12'41	
direct	-3557 Feb 14 j 13:18	7°♑23'01	
desc. node	-3557 Feb 19 j 15:32	8°♑28'15	
morning max el	-3557 Feb 28 j 19:24	15°♑00'10	26°58'37
	-3557 Mar 12 j 22:31	0°♒	
	-3557 Mar 29 j 21:53	0°♓	
morning set	-3557 Mar 31 j 02:48	2°♓29'22	
asc. node	-3557 Apr 06 j 10:34	16°♓03'47	

superior conj	-3557 Apr 07 j 05:29	17°♓47'17	0°08'16
minimum elong	-3557 Apr 07 j 05:07	17°♓45'16	0°08'10
behind sun begin	-3557 Apr 07 j 00:48	17°♓21'41	
behind sun end	-3557 Apr 07 j 09:25	18°♓08'51	
max. Earth dist.	-3557 Apr 07 j 00:17	17°♓18'50	1.32545 AU
	-3557 Apr 12 j 20:32	0°♈	
evening rise	-3557 Apr 14 j 05:48	2°♈55'33	
	-3557 Apr 28 j 22:06	0°♉	
evening max el	-3557 May 12 j 23:42	17°♉57'51	26°12'44
desc. node	-3557 May 18 j 14:23	22°♉27'20	
retrograde	-3557 May 27 j 01:44	25°♉15'21	
evening set	-3557 Jun 02 j 06:40	23°♉39'44	
min. Earth dist.	-3557 Jun 06 j 12:34	20°♉58'42	0.59273 AU
inferior conj	-3557 Jun 09 j 21:32	18°♉23'19	-4°-19'-47
minimum elong	-3557 Jun 09 j 20:21	18°♉25'37	4°19'39
morning rise	-3557 Jun 17 j 13:46	13°♉52'16	
direct	-3557 Jun 20 j 01:09	13°♉30'58	
morning max el	-3557 Jun 27 j 19:02	17°♉12'52	18°26'20
asc. node	-3557 Jul 03 j 10:04	24°♉11'59	
	-3557 Jul 06 j 23:38	0°♊	
morning set	-3557 Jul 13 j 21:10	12°♊45'39	
	-3557 Jul 22 j 23:18	0°♋	
superior conj	-3557 Jul 23 j 02:19	0°♋13'52	1°47'56
minimum elong	-3557 Jul 23 j 03:30	0°♋19'23	1°48'03
max. Earth dist.	-3557 Jul 30 j 11:06	13°♋24'53	1.40176 AU
evening rise	-3557 Aug 03 j 23:49	21°♋06'07	
	-3557 Aug 09 j 11:15	0°♌	
desc. node	-3557 Aug 14 j 13:33	7°♌55'21	
	-3557 Aug 30 j 03:26	0°♍	
evening max el	-3557 Sep 07 j 16:46	9°♍58'24	23°30'13
retrograde	-3557 Sep 18 j 04:48	16°♍11'05	
evening set	-3557 Sep 23 j 04:53	14°♍06'32	
min. Earth dist.	-3557 Sep 28 j 04:32	8°♍15'49	0.67414 AU
inferior conj	-3557 Sep 28 j 13:25	7°♍45'23	0°-16'-54
minimum elong	-3557 Sep 28 j 13:49	7°♍44'02	0°16'41
asc. node	-3557 Sep 29 j 09:08	6°♍38'10	
morning rise	-3557 Oct 03 j 22:50	1°♍32'43	
direct	-3557 Oct 08 j 00:28	0°♍00'01	
morning max el	-3557 Oct 16 j 14:37	5°♍03'57	21°14'58
greatest brilliancy	-3557 Oct 22 j 00:17	11°♍20'44	-0.5m
	-3557 Nov 04 j 06:47	0°♎	
desc. node	-3557 Nov 10 j 13:13	9°♎27'39	
morning set	-3557 Nov 16 j 01:56	18°♎02'08	
	-3557 Nov 23 j 13:20	0°♏	
max. Earth dist.	-3557 Nov 23 j 23:37	0°♏42'01	1.42373 AU
superior conj	-3557 Dec 01 j 03:59	12°♏43'04	-1°-47'-4
minimum elong	-3557 Nov 30 j 23:46	12°♏25'05	1°46'55
	-3557 Dec 10 j 23:33	0°♐	
evening rise	-3557 Dec 12 j 13:26	2°♐50'54	
asc. node	-3557 Dec 26 j 08:10	25°♐51'10	
evening max el	-3557 Dec 29 j 05:21	29°♐11'44	18°08'12
	-3557 Dec 30 j 01:55	0°♑	
retrograde	-3556 Jan 04 j 22:43	2°♑39'32	
evening set	-3556 Jan 07 j 13:55	2°♑07'49	
	-3556 Jan 11 j 01:38	30°℞♐	
inferior conj	-3556 Jan 14 j 06:48	27°♐06'40	4°01'28
minimum elong	-3556 Jan 14 j 06:13	27°♐08'05	4°01'19
min. Earth dist.	-3556 Jan 17 j 08:04	24°♐11'22	0.61391 AU
morning rise	-3556 Jan 20 j 20:03	21°♐20'35	
direct	-3556 Jan 27 j 19:17	18°♐56'34	
desc. node	-3556 Feb 06 j 12:37	22°♐53'17	
morning max el	-3556 Feb 10 j 20:58	26°♐40'15	27°37'19
	-3556 Feb 14 j 00:55	0°♑	
	-3556 Mar 05 j 10:36	0°♒	
morning set	-3556 Mar 14 j 09:06	17°♒10'50	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3556 Mar 20 j 10:24	0°♓	
max. Earth dist.	-3556 Mar 20 j 12:16	0°♓10'08	1.32673 AU
superior conj	-3556 Mar 21 j 16:33	2°♓43'52	0°-16'-57
minimum elong	-3556 Mar 21 j 17:19	2°♓48'03	0°16'52
asc. node	-3556 Mar 23 j 07:35	6°♓16'43	
evening rise	-3556 Mar 28 j 16:52	17°♓53'03	
	-3556 Apr 03 j 17:26	0°♈	
evening max el	-3556 Apr 23 j 17:49	29°♈02'54	24°54'21
	-3556 Apr 24 j 18:25	0°♉	
desc. node	-3556 May 04 j 11:28	5°♉44'30	
retrograde	-3556 May 07 j 18:25	6°♉09'39	
evening set	-3556 May 12 j 18:30	5°♉12'18	
min. Earth dist.	-3556 May 18 j 06:02	2°♉18'34	0.57343 AU
inferior conj	-3556 May 21 j 05:23	0°♉19'47	-3°-50'-54
minimum elong	-3556 May 21 j 00:37	0°♉27'48	3°50'02
	-3556 May 21 j 17:14	30°℞♈	
morning rise	-3556 May 29 j 10:50	26°♈08'49	
direct	-3556 May 31 j 22:16	25°♈51'03	
	-3556 Jun 09 j 20:23	0°♉	
morning max el	-3556 Jun 09 j 21:06	0°♉01'39	19°11'24
asc. node	-3556 Jun 19 j 07:08	12°♉50'45	
morning set	-3556 Jun 26 j 18:34	26°♉54'39	
	-3556 Jun 28 j 07:55	0°♊	
superior conj	-3556 Jul 05 j 03:39	13°♊28'00	1°47'50
minimum elong	-3556 Jul 05 j 02:42	13°♊23'27	1°47'56
max. Earth dist.	-3556 Jul 11 j 12:52	25°♊29'00	1.38223 AU
	-3556 Jul 14 j 01:05	0°♋	
evening rise	-3556 Jul 15 j 10:45	2°♋28'21	
desc. node	-3556 Jul 31 j 10:33	28°♋14'21	
	-3556 Aug 01 j 15:18	0°♌	
evening max el	-3556 Aug 20 j 04:02	23°♌28'39	24°49'24
	-3556 Aug 29 j 21:24	0°♍	
retrograde	-3556 Aug 31 j 17:40	0°♍13'23	
	-3556 Sep 02 j 12:07	30°℞♌	
evening set	-3556 Sep 06 j 08:49	27°♌50'12	
min. Earth dist.	-3556 Sep 10 j 23:17	22°♌34'39	0.67124 AU
inferior conj	-3556 Sep 11 j 18:44	21°♌30'03	-1°-10'-31
minimum elong	-3556 Sep 11 j 20:23	21°♌24'32	1°09'46
asc. node	-3556 Sep 15 j 06:16	17°♌13'49	
morning rise	-3556 Sep 17 j 08:20	15°♌24'16	
direct	-3556 Sep 20 j 22:06	14°♌10'27	
morning max el	-3556 Sep 28 j 14:02	18°♌37'04	20°03'53
greatest brilliancy	-3556 Oct 05 j 20:55	27°♌36'27	-0.6m
	-3556 Oct 07 j 13:53	0°♍	
morning set	-3556 Oct 24 j 23:49	26°♍13'21	
desc. node	-3556 Oct 27 j 10:12	0°♎00'03	
	-3556 Oct 27 j 10:11	0°♎	
max. Earth dist.	-3556 Nov 05 j 09:57	14°♎10'08	1.43847 AU
superior conj	-3556 Nov 10 j 13:39	22°♎29'06	-1°-22'-20
minimum elong	-3556 Nov 10 j 06:35	22°♎00'21	1°21'42
	-3556 Nov 15 j 03:11	0°♏	
evening rise	-3556 Nov 23 j 19:20	14°♏41'10	
	-3556 Dec 02 j 19:34	0°♐	
evening max el	-3556 Dec 11 j 17:56	12°♐27'35	18°14'12
asc. node	-3556 Dec 12 j 05:14	12°♐55'23	
retrograde	-3556 Dec 18 j 06:46	15°♐58'22	
evening set	-3556 Dec 21 j 01:33	15°♐18'13	
inferior conj	-3556 Dec 27 j 08:06	9°♐56'21	3°48'05
minimum elong	-3556 Dec 27 j 05:47	10°♐02'39	3°47'39
min. Earth dist.	-3556 Dec 29 j 19:44	7°♐15'24	0.63241 AU
morning rise	-3555 Jan 02 j 08:20	3°♐58'42	
direct	-3555 Jan 09 j 09:23	1°♐13'53	
morning max el	-3555 Jan 23 j 03:37	8°♐58'39	27°39'47
desc. node	-3555 Jan 23 j 09:42	9°♐13'45	
	-3555 Feb 08 j 12:58	0°♑	
	-3555 Feb 25 j 15:09	0°♒	
morning set	-3555 Feb 26 j 09:15	1°♒30'13	
max. Earth dist.	-3555 Mar 03 j 19:09	12°♒40'48	1.33177 AU
superior conj	-3555 Mar 06 j 01:12	17°♒29'20	0°-42'-5
minimum elong	-3555 Mar 06 j 03:05	17°♒39'24	0°41'50
asc. node	-3555 Mar 10 j 04:36	26°♒25'04	
	-3555 Mar 11 j 20:45	0°♓	
evening rise	-3555 Mar 13 j 04:34	2°♓48'21	
	-3555 Mar 28 j 06:12	0°♈	
evening max el	-3555 Apr 05 j 09:44	9°♈46'24	23°21'40
retrograde	-3555 Apr 18 j 22:03	16°♈28'01	
desc. node	-3555 Apr 21 j 08:35	16°♈14'50	
evening set	-3555 Apr 22 j 14:05	15°♈58'34	
min. Earth dist.	-3555 Apr 29 j 20:35	12°♈40'10	0.55877 AU
inferior conj	-3555 May 01 j 17:26	11°♈33'52	-2°-41'-47
minimum elong	-3555 May 01 j 11:26	11°♈42'45	2°40'07
morning rise	-3555 May 10 j 12:02	7°♈35'48	
direct	-3555 May 13 j 00:56	7°♈19'56	
morning max el	-3555 May 23 j 13:21	12°♈13'17	20°16'53
	-3555 Jun 05 j 01:57	0°♉	
asc. node	-3555 Jun 06 j 04:11	2°♉02'04	
morning set	-3555 Jun 10 j 22:53	11°♉26'59	
superior conj	-3555 Jun 18 j 18:01	27°♉23'10	1°39'43
minimum elong	-3555 Jun 18 j 15:50	27°♉12'05	1°39'40
	-3555 Jun 20 j 01:16	0°♊	
max. Earth dist.	-3555 Jun 23 j 18:18	7°♊16'52	1.36423 AU
evening rise	-3555 Jun 27 j 20:23	14°♊58'28	
	-3555 Jul 06 j 10:57	0°♋	
desc. node	-3555 Jul 18 j 07:36	18°♋14'01	
	-3555 Jul 27 j 05:49	0°♌	
evening max el	-3555 Aug 02 j 14:59	7°♌01'01	25°59'39
retrograde	-3555 Aug 15 j 01:49	14°♌07'58	
evening set	-3555 Aug 21 j 07:48	11°♌29'35	
min. Earth dist.	-3555 Aug 25 j 13:49	6°♌51'53	0.66507 AU
inferior conj	-3555 Aug 26 j 20:53	5°♌13'57	-2°-2'-38
minimum elong	-3555 Aug 26 j 23:42	5°♌05'03	2°01'28
	-3555 Aug 31 j 16:25	30°℞♋	
morning rise	-3555 Sep 01 j 16:18	29°♋18'24	
asc. node	-3555 Sep 02 j 03:23	29°♋02'46	
direct	-3555 Sep 04 j 20:25	28°♋20'25	
	-3555 Sep 09 j 05:24	0°♌	
morning max el	-3555 Sep 11 j 20:27	2°♌18'13	19°06'52
	-3555 Oct 01 j 03:39	0°♍	
morning set	-3555 Oct 04 j 08:41	5°♍02'42	
desc. node	-3555 Oct 14 j 07:10	20°♍39'45	
max. Earth dist.	-3555 Oct 19 j 02:04	28°♍12'09	1.44694 AU
	-3555 Oct 20 j 05:23	0°♎	
superior conj	-3555 Oct 20 j 22:22	1°♎07'12	0°-41'-24
minimum elong	-3555 Oct 20 j 17:13	0°♎46'48	0°40'45
evening rise	-3555 Nov 05 j 03:05	25°♎32'47	
	-3555 Nov 07 j 20:23	0°♏	
evening max el	-3555 Nov 25 j 06:02	25°♏50'31	18°38'34
asc. node	-3555 Nov 29 j 02:19	28°♏50'58	
retrograde	-3555 Dec 01 j 22:25	29°♏34'43	
evening set	-3555 Dec 04 j 22:06	28°♏44'34	
inferior conj	-3555 Dec 10 j 20:38	23°♏04'23	3°19'56
minimum elong	-3555 Dec 10 j 17:34	23°♏13'32	3°19'08
min. Earth dist.	-3555 Dec 12 j 17:19	20°♏51'26	0.64770 AU
morning rise	-3555 Dec 16 j 11:52	16°♏58'01	
direct	-3555 Dec 23 j 06:09	14°♏07'43	
morning max el	-3554 Jan 05 j 12:59	21°♏46'53	27°08'24
desc. node	-3554 Jan 10 j 06:45	26°♏56'56	
	-3554 Jan 12 j 18:53	0°♐	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3554 Feb 01 j 16:36	0°♉	
morning set	-3554 Feb 10 j 00:16	15°♉17'47	
max. Earth dist.	-3554 Feb 14 j 17:14	24°♉40'25	1.34091 AU
	-3554 Feb 17 j 07:05	0°♒	
superior conj	-3554 Feb 18 j 05:29	1°♒57'12	-1°-6'-4
minimum elong	-3554 Feb 18 j 08:15	2°♒11'48	1°05'45
asc. node	-3554 Feb 25 j 01:36	16°♒24'41	
evening rise	-3554 Feb 25 j 15:06	17°♒35'08	
	-3554 Mar 03 j 20:56	0°♓	
evening max el	-3554 Mar 18 j 05:30	20°♓35'26	21°48'57
retrograde	-3554 Mar 30 j 14:40	26°♓35'02	
evening set	-3554 Apr 02 j 07:18	26°♓18'48	
desc. node	-3554 Apr 08 j 05:42	24°♓06'23	
inferior conj	-3554 Apr 11 j 15:22	22°♓15'13	0°-56'-33
minimum elong	-3554 Apr 11 j 12:44	22°♓18'54	0°55'41
min. Earth dist.	-3554 Apr 11 j 10:22	22°♓22'14	0.55177 AU
morning rise	-3554 Apr 20 j 19:04	18°♓15'50	
direct	-3554 Apr 23 j 14:37	17°♓58'16	
morning max el	-3554 May 05 j 18:46	23°♓43'46	21°40'46
	-3554 May 11 j 07:53	0°♈	
asc. node	-3554 May 24 j 01:12	21°♈37'53	
morning set	-3554 May 26 j 07:44	26°♈16'03	
	-3554 May 28 j 02:44	0°♉	
superior conj	-3554 Jun 02 j 17:33	11°♉48'05	1°25'44
minimum elong	-3554 Jun 02 j 14:53	11°♉34'14	1°25'29
max. Earth dist.	-3554 Jun 06 j 08:08	19°♉13'18	1.34930 AU
evening rise	-3554 Jun 10 j 23:26	28°♉22'11	
	-3554 Jun 11 j 19:56	0°♊	
	-3554 Jun 29 j 15:53	0°♋	
desc. node	-3554 Jul 05 j 04:38	7°♋45'49	
evening max el	-3554 Jul 16 j 02:21	20°♋29'19	26°52'52
retrograde	-3554 Jul 29 j 04:57	27°♋48'41	
evening set	-3554 Aug 04 j 23:34	25°♋02'03	
min. Earth dist.	-3554 Aug 08 j 21:47	21°♋03'11	0.65525 AU
inferior conj	-3554 Aug 10 j 17:50	18°♋54'00	-2°-51'-11
minimum elong	-3554 Aug 10 j 21:30	18°♋43'17	2°49'56
morning rise	-3554 Aug 16 j 20:36	13°♋12'03	
direct	-3554 Aug 19 j 17:21	12°♋26'38	
asc. node	-3554 Aug 20 j 00:28	12°♋27'07	
morning max el	-3554 Aug 26 j 08:11	16°♋04'40	18°25'51
	-3554 Sep 05 j 11:10	0°♌	
morning set	-3554 Sep 14 j 19:16	15°♌08'31	
	-3554 Sep 23 j 23:53	0°♍	
superior conj	-3554 Sep 29 j 21:57	9°♍24'29	0°08'02
minimum elong	-3554 Sep 29 j 23:00	9°♍28'37	0°07'56
behind sun begin	-3554 Sep 29 j 13:04	8°♍49'22	
behind sun end	-3554 Sep 30 j 08:55	10°♍07'50	
desc. node	-3554 Oct 01 j 04:08	11°♍23'38	
max. Earth dist.	-3554 Oct 01 j 20:27	12°♍27'59	1.44817 AU
	-3554 Oct 13 j 00:13	0°♎	
evening rise	-3554 Oct 16 j 10:06	5°♎21'38	
greatest brilliancy	-3554 Oct 29 j 18:09	26°♎06'53	-0.7m
	-3554 Nov 01 j 09:15	0°♏	
evening max el	-3554 Nov 08 j 15:12	9°♏16'15	19°19'57
retrograde	-3554 Nov 15 j 18:14	13°♏22'48	
asc. node	-3554 Nov 15 j 23:24	13°♏22'32	
evening set	-3554 Nov 19 j 00:39	12°♏20'33	
inferior conj	-3554 Nov 24 j 17:10	6°♏25'13	2°41'39
minimum elong	-3554 Nov 24 j 14:09	6°♏34'54	2°40'38
min. Earth dist.	-3554 Nov 25 j 23:56	4°♏46'47	0.65944 AU
morning rise	-3554 Nov 30 j 02:49	0°♏12'32	
	-3554 Nov 30 j 08:37	30°℞♎	
direct	-3554 Dec 06 j 09:01	27°♎29'21	
	-3554 Dec 13 j 04:58	0°♏	
morning max el	-3554 Dec 18 j 22:37	4°♏52'29	26°09'27
desc. node	-3554 Dec 28 j 03:46	15°♏38'02	
	-3553 Jan 07 j 06:56	0°♐	
morning set	-3553 Jan 24 j 01:57	28°♐19'59	
	-3553 Jan 24 j 23:22	0°♑	
max. Earth dist.	-3553 Jan 28 j 03:39	6°♑04'44	1.35451 AU
superior conj	-3553 Feb 02 j 02:53	15°♑58'48	-1°-27'-31
minimum elong	-3553 Feb 02 j 06:06	16°♑15'11	1°27'16
	-3553 Feb 08 j 22:02	0°♒	
evening rise	-3553 Feb 09 j 22:30	2°♒05'47	
asc. node	-3553 Feb 11 j 22:36	6°♒09'51	
	-3553 Feb 26 j 14:54	0°♓	
evening max el	-3553 Feb 28 j 10:12	1°♓51'16	20°27'20
retrograde	-3553 Mar 11 j 04:58	6°♓59'13	
evening set	-3553 Mar 13 j 12:12	6°♓46'10	
inferior conj	-3553 Mar 22 j 11:36	2°♓48'01	0°59'57
minimum elong	-3553 Mar 22 j 14:14	2°♓44'10	0°59'01
min. Earth dist.	-3553 Mar 24 j 00:27	1°♓54'00	0.55401 AU
desc. node	-3553 Mar 26 j 02:48	0°♓43'21	
	-3553 Mar 27 j 12:50	30°℞♒	
morning rise	-3553 Mar 31 j 14:12	28°♒28'42	
direct	-3553 Apr 04 j 03:31	28°♒01'11	
	-3553 Apr 11 j 10:23	0°♓	
morning max el	-3553 Apr 17 j 14:46	4°♓37'02	23°17'24
	-3553 May 05 j 04:28	0°♈	
morning set	-3553 May 10 j 19:07	11°♈14'35	
asc. node	-3553 May 10 j 22:11	11°♈30'40	
superior conj	-3553 May 17 j 23:11	26°♈32'31	1°07'25
minimum elong	-3553 May 17 j 20:41	26°♈19'10	1°07'05
	-3553 May 19 j 14:12	0°♉	
max. Earth dist.	-3553 May 20 j 07:39	1°♉32'03	1.33801 AU
evening rise	-3553 May 25 j 15:02	12°♉24'48	
	-3553 Jun 04 j 02:04	0°♊	
desc. node	-3553 Jun 22 j 01:41	26°♊37'33	
	-3553 Jun 24 j 23:19	0°♋	
evening max el	-3553 Jun 28 j 13:16	3°♋42'57	27°21'49
retrograde	-3553 Jul 12 j 02:42	11°♋06'52	
evening set	-3553 Jul 19 j 05:11	8°♋23'01	
min. Earth dist.	-3553 Jul 22 j 21:15	5°♋00'10	0.64156 AU
inferior conj	-3553 Jul 25 j 07:12	2°♋25'25	-3°-33'-32
minimum elong	-3553 Jul 25 j 11:04	2°♋15'04	3°32'32
	-3553 Jul 27 j 15:52	30°℞♊	
morning rise	-3553 Jul 31 j 18:43	27°♊00'07	
direct	-3553 Aug 03 j 10:23	26°♊24'12	
asc. node	-3553 Aug 06 j 21:32	27°♊25'15	
morning max el	-3553 Aug 09 j 22:46	29°♊51'12	18°02'01
	-3553 Aug 10 j 02:16	0°♋	
morning set	-3553 Aug 27 j 08:44	26°♋31'25	
	-3553 Aug 29 j 09:39	0°♌	
superior conj	-3553 Sep 09 j 11:04	18°♌25'11	0°53'07
minimum elong	-3553 Sep 09 j 16:24	18°♌46'53	0°52'34
max. Earth dist.	-3553 Sep 14 j 13:26	26°♌37'24	1.44217 AU
	-3553 Sep 16 j 16:29	0°♍	
desc. node	-3553 Sep 18 j 01:06	2°♍08'43	
evening rise	-3553 Sep 25 j 20:28	14°♍18'53	
	-3553 Oct 06 j 03:00	0°♎	
greatest brilliancy	-3553 Oct 16 j 03:35	14°♎33'22	-0.6m
evening max el	-3553 Oct 22 j 19:31	22°♎42'53	20°16'36
retrograde	-3553 Oct 30 j 15:32	27°♎19'16	
asc. node	-3553 Nov 02 j 20:29	26°♎19'43	
evening set	-3553 Nov 03 j 06:53	26°♎02'25	
inferior conj	-3553 Nov 08 j 19:09	19°♎55'26	1°56'26
minimum elong	-3553 Nov 08 j 16:42	20°♎03'37	1°55'29
min. Earth dist.	-3553 Nov 09 j 13:34	18°♎53'36	0.66769 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3553 Nov 14 j 01:58	13°♎39'03	
direct	-3553 Nov 19 j 17:32	11°♎11'41	
morning max el	-3553 Dec 01 j 07:21	18°♎05'13	24°52'02
	-3553 Dec 11 j 08:29	0°♏	
desc. node	-3553 Dec 15 j 00:46	5°♏00'25	
	-3553 Dec 31 j 08:11	0°♐	
morning set	-3552 Jan 06 j 09:03	10°♐22'02	
max. Earth dist.	-3552 Jan 10 j 03:14	17°♐09'10	1.37232 AU
superior conj	-3552 Jan 16 j 14:25	29°♐25'55	-1°-44'-30
minimum elong	-3552 Jan 16 j 17:15	29°♐39'48	1°44'26
	-3552 Jan 16 j 21:23	0°♑	
evening rise	-3552 Jan 25 j 00:43	16°♑14'24	
asc. node	-3552 Jan 29 j 19:37	25°♑35'04	
	-3552 Feb 01 j 05:39	0°♒	
evening max el	-3552 Feb 11 j 01:37	13°♒43'15	19°22'56
retrograde	-3552 Feb 20 j 04:47	18°♒04'02	
evening set	-3552 Feb 22 j 12:23	17°♒48'30	
inferior conj	-3552 Mar 01 j 19:49	13°♒40'41	2°35'58
minimum elong	-3552 Mar 02 j 00:46	13°♒32'30	2°34'33
min. Earth dist.	-3552 Mar 04 j 15:25	11°♒49'42	0.56506 AU
morning rise	-3552 Mar 10 j 09:24	8°♒51'20	
desc. node	-3552 Mar 11 j 23:53	8°♒22'42	
direct	-3552 Mar 15 j 02:58	8°♒00'00	
morning max el	-3552 Mar 29 j 05:49	15°♒11'29	24°55'48
	-3552 Apr 10 j 00:29	0°♓	
morning set	-3552 Apr 24 j 07:19	26°♓16'37	
	-3552 Apr 26 j 01:28	0°♈	
asc. node	-3552 Apr 26 j 19:11	1°♈35'00	
superior conj	-3552 May 01 j 08:39	11°♈28'42	0°46'01
minimum elong	-3552 May 01 j 06:46	11°♈18'26	0°45'41
max. Earth dist.	-3552 May 02 j 15:10	14°♈13'57	1.33040 AU
evening rise	-3552 May 08 j 15:26	26°♈54'35	
	-3552 May 10 j 04:09	0°♉	
	-3552 May 27 j 11:16	0°♊	
desc. node	-3552 Jun 07 j 22:45	14°♊32'11	
evening max el	-3552 Jun 09 j 21:49	16°♊30'03	27°20'40
retrograde	-3552 Jun 23 j 18:14	23°♊53'03	
evening set	-3552 Jun 30 j 20:56	21°♊25'58	
min. Earth dist.	-3552 Jul 04 j 11:02	18°♊30'51	0.62432 AU
inferior conj	-3552 Jul 07 j 10:02	15°♊41'42	-4°-5'-43
minimum elong	-3552 Jul 07 j 13:04	15°♊34'26	4°05'11
morning rise	-3552 Jul 14 j 07:40	10°♊35'48	
direct	-3552 Jul 16 j 20:25	10°♊06'49	
morning max el	-3552 Jul 23 j 13:30	13°♊31'28	17°56'15
asc. node	-3552 Jul 23 j 18:37	13°♊44'11	
	-3552 Aug 03 j 19:24	0°♋	
morning set	-3552 Aug 08 j 20:15	8°♋57'19	
superior conj	-3552 Aug 20 j 02:27	28°♋43'44	1°25'25
minimum elong	-3552 Aug 20 j 07:37	29°♋05'44	1°25'03
	-3552 Aug 20 j 20:25	0°♌	
max. Earth dist.	-3552 Aug 27 j 02:20	10°♌22'47	1.42985 AU
desc. node	-3552 Sep 03 j 22:04	22°♌51'21	
evening rise	-3552 Sep 04 j 01:16	23°♌03'47	
	-3552 Sep 08 j 12:59	0°♍	
	-3552 Sep 29 j 10:30	0°♎	
greatest brilliancy	-3552 Sep 29 j 15:08	0°♎14'39	-0.4m
evening max el	-3552 Oct 04 j 17:51	6°♎08'56	21°25'54
retrograde	-3552 Oct 13 j 12:10	11°♎20'53	
evening set	-3552 Oct 17 j 14:45	9°♎46'48	
asc. node	-3552 Oct 19 j 17:35	7°♎45'22	
inferior conj	-3552 Oct 23 j 00:23	3°♎31'43	1°06'36
minimum elong	-3552 Oct 22 j 22:53	3°♎36'51	1°05'58
min. Earth dist.	-3552 Oct 23 j 07:45	3°♎06'21	0.67266 AU
	-3552 Oct 25 j 16:06	30°℞♍	
morning rise	-3552 Oct 28 j 06:41	27°♍14'32	
direct	-3552 Nov 02 j 06:55	25°♍07'44	
	-3552 Nov 11 j 07:31	0°♎	
morning max el	-3552 Nov 12 j 16:26	1°♎20'11	23°26'07
greatest brilliancy	-3552 Nov 18 j 12:18	7°♎57'14	-0.2m
desc. node	-3552 Nov 30 j 21:46	24°♎51'45	
	-3552 Dec 04 j 08:48	0°♏	
morning set	-3552 Dec 17 j 15:20	21°♏07'32	
max. Earth dist.	-3552 Dec 21 j 22:33	28°♏29'31	1.39280 AU
	-3552 Dec 22 j 19:13	0°♐	
superior conj	-3552 Dec 29 j 12:00	12°♐07'44	-1°-54'-23
minimum elong	-3552 Dec 29 j 13:12	12°♐13'19	1°54'30
evening rise	-3551 Jan 07 j 19:09	29°♐54'27	
	-3551 Jan 07 j 20:18	0°♑	
asc. node	-3551 Jan 15 j 16:39	14°♑33'30	
evening max el	-3551 Jan 24 j 02:28	26°♑08'39	18°38'08
retrograde	-3551 Jan 31 j 22:17	29°♑56'45	
evening set	-3551 Feb 03 j 09:01	29°♑35'48	
inferior conj	-3551 Feb 10 j 23:35	25°♑09'00	3°35'24
minimum elong	-3551 Feb 11 j 03:11	25°♑02'05	3°34'42
min. Earth dist.	-3551 Feb 14 j 08:22	22°♑35'19	0.58235 AU
morning rise	-3551 Feb 18 j 17:40	19°♑52'16	
direct	-3551 Feb 24 j 15:37	18°♑24'56	
desc. node	-3551 Feb 26 j 20:58	18°♑37'11	
morning max el	-3551 Mar 10 j 22:04	25°♑55'11	26°21'12
	-3551 Mar 14 j 18:09	0°♒	
	-3551 Apr 03 j 04:00	0°♓	
morning set	-3551 Apr 08 j 18:42	11°♓16'14	
asc. node	-3551 Apr 13 j 16:11	21°♓46'15	
superior conj	-3551 Apr 15 j 20:05	26°♓30'03	0°22'29
minimum elong	-3551 Apr 15 j 19:06	26°♓24'41	0°22'16
max. Earth dist.	-3551 Apr 16 j 03:32	27°♓10'50	1.32626 AU
	-3551 Apr 17 j 10:30	0°♈	
evening rise	-3551 Apr 22 j 21:47	11°♈41'52	
	-3551 May 02 j 09:20	0°♉	
evening max el	-3551 May 23 j 01:39	28°♉39'55	26°46'41
	-3551 May 24 j 12:33	0°♊	
desc. node	-3551 May 25 j 19:48	1°♊06'00	
retrograde	-3551 Jun 06 j 02:13	5°♊59'20	
evening set	-3551 Jun 12 j 18:39	4°♊02'28	
min. Earth dist.	-3551 Jun 16 j 15:09	1°♊21'14	0.60454 AU
	-3551 Jun 18 j 06:39	30°℞♉	
inferior conj	-3551 Jun 19 j 22:57	28°♉34'57	-4°-21'-33
minimum elong	-3551 Jun 19 j 23:43	28°♉33'22	4°21'26
morning rise	-3551 Jun 27 j 07:58	23°♉50'41	
direct	-3551 Jun 29 j 19:39	23°♉26'48	
morning max el	-3551 Jul 07 j 01:35	26°♉58'57	18°09'36
	-3551 Jul 09 j 18:35	0°♊	
asc. node	-3551 Jul 10 j 15:41	1°♊08'43	
morning set	-3551 Jul 23 j 00:22	22°♊12'35	
	-3551 Jul 27 j 04:25	0°♋	
superior conj	-3551 Aug 01 j 20:35	10°♋22'25	1°43'21
minimum elong	-3551 Aug 01 j 23:18	10°♋34'37	1°43'20
max. Earth dist.	-3551 Aug 09 j 10:10	23°♋32'36	1.41289 AU
	-3551 Aug 13 j 07:22	0°♌	
evening rise	-3551 Aug 14 j 20:16	2°♌30'09	
desc. node	-3551 Aug 21 j 19:04	13°♌28'27	
	-3551 Sep 01 j 22:50	0°♍	
greatest brilliancy	-3551 Sep 12 j 13:55	14°♍09'04	-0.3m
evening max el	-3551 Sep 17 j 10:26	19°♍35'18	22°43'40
retrograde	-3551 Sep 27 j 06:38	25°♍25'31	
evening set	-3551 Oct 01 j 22:30	23°♍32'14	
asc. node	-3551 Oct 06 j 14:43	18°♍08'31	
inferior conj	-3551 Oct 07 j 07:01	17°♍12'24	0°13'59

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3551 Oct 07 j 06:41	17°♍13'33	0°13'52
transit middle	-3551 Oct 07 j 06:41	17°♍13'33	0°13'52
transit begin	-3551 Oct 07 j 05:15	17°♍18'29	
transit end	-3551 Oct 07 j 08:07	17°♍08'37	
min. Earth dist.	-3551 Oct 07 j 04:01	17°♍22'47	0.67457 AU
morning rise	-3551 Oct 12 j 14:48	10°♍57'25	
direct	-3551 Oct 17 j 00:19	9°♍12'33	
morning max el	-3551 Oct 26 j 05:15	14°♍40'08	22°00'48
greatest brilliancy	-3551 Oct 31 j 00:40	20°♍07'52	-0.4m
	-3551 Nov 07 j 11:04	0°♎	
desc. node	-3551 Nov 17 j 18:46	15°♎03'40	
	-3551 Nov 27 j 09:31	0°♏	
morning set	-3551 Nov 27 j 16:49	0°♏29'14	
max. Earth dist.	-3551 Dec 03 j 21:52	10°♏38'36	1.41325 AU
superior conj	-3551 Dec 11 j 14:24	23°♏50'47	-1°-53'-44
minimum elong	-3551 Dec 11 j 12:27	23°♏42'10	1°53'48
	-3551 Dec 15 j 01:05	0°♐	
evening rise	-3551 Dec 22 j 02:39	12°♐58'49	
	-3551 Dec 31 j 16:04	0°♑	
asc. node	-3550 Jan 02 j 13:44	2°♑56'36	
evening max el	-3550 Jan 07 j 10:08	8°♑59'46	18°13'24
retrograde	-3550 Jan 14 j 10:04	12°♑31'04	
evening set	-3550 Jan 16 j 23:40	12°♑03'28	
inferior conj	-3550 Jan 23 j 23:36	7°♑14'30	3°59'54
minimum elong	-3550 Jan 24 j 00:27	7°♑12'36	3°59'45
min. Earth dist.	-3550 Jan 27 j 06:17	4°♑20'29	0.60239 AU
morning rise	-3550 Jan 30 j 22:21	1°♑37'18	
	-3550 Feb 03 j 11:27	30°℞♐	
direct	-3550 Feb 06 j 15:38	29°♐32'02	
	-3550 Feb 09 j 21:49	0°♑	
desc. node	-3550 Feb 13 j 18:05	1°♑38'53	
morning max el	-3550 Feb 20 j 20:00	7°♑11'44	27°19'37
	-3550 Mar 10 j 01:32	0°♒	
morning set	-3550 Mar 24 j 03:25	26°♒06'12	
	-3550 Mar 26 j 00:04	0°♓	
max. Earth dist.	-3550 Mar 30 j 16:56	10°♓08'44	1.32555 AU
superior conj	-3550 Mar 31 j 07:44	11°♓29'38	0°-2'-23
minimum elong	-3550 Mar 31 j 07:50	11°♓30'14	0°02'26
behind sun begin	-3550 Mar 31 j 02:52	11°♓03'02	
behind sun end	-3550 Mar 31 j 12:48	11°♓57'26	
asc. node	-3550 Mar 31 j 13:11	11°♓59'27	
evening rise	-3550 Apr 07 j 07:41	26°♓37'28	
	-3550 Apr 08 j 22:39	0°♈	
	-3550 Apr 26 j 07:49	0°♉	
evening max el	-3550 May 04 j 22:57	10°♉05'53	25°42'05
desc. node	-3550 May 12 j 16:55	15°♉45'35	
retrograde	-3550 May 19 j 00:47	17°♉19'24	
evening set	-3550 May 24 j 18:48	16°♉00'27	
min. Earth dist.	-3550 May 29 j 11:16	13°♉16'04	0.58421 AU
inferior conj	-3550 Jun 01 j 18:10	10°♉53'56	-4°-12'-3
minimum elong	-3550 Jun 01 j 15:23	10°♉59'00	4°11'43
morning rise	-3550 Jun 09 j 15:53	6°♉31'54	
direct	-3550 Jun 12 j 03:27	6°♉12'05	
morning max el	-3550 Jun 20 j 08:05	10°♉04'01	18°43'00
asc. node	-3550 Jun 27 j 12:45	19°♉23'25	
	-3550 Jul 03 j 12:39	0°♊	
morning set	-3550 Jul 06 j 16:29	6°♊04'18	
superior conj	-3550 Jul 15 j 12:11	23°♊06'13	1°49'02
minimum elong	-3550 Jul 15 j 12:22	23°♊07'06	1°49'09
	-3550 Jul 19 j 05:21	0°♋	
max. Earth dist.	-3550 Jul 22 j 13:14	5°♋58'52	1.39347 AU
evening rise	-3550 Jul 26 j 16:11	13°♋07'48	
	-3550 Aug 06 j 02:17	0°♌	
desc. node	-3550 Aug 08 j 16:04	3°♌55'25	
	-3550 Aug 28 j 01:39	0°♍	
evening max el	-3550 Aug 30 j 22:47	3°♍03'09	24°04'21
retrograde	-3550 Sep 10 j 21:47	9°♍30'03	
evening set	-3550 Sep 16 j 04:22	7°♍17'05	
min. Earth dist.	-3550 Sep 20 j 23:57	1°♍41'15	0.67339 AU
inferior conj	-3550 Sep 21 j 13:18	0°♍56'01	0°-39'-43
minimum elong	-3550 Sep 21 j 14:15	0°♍52'50	0°39'16
	-3550 Sep 22 j 05:55	30°℞♌	
asc. node	-3550 Sep 23 j 11:51	28°♌22'25	
morning rise	-3550 Sep 27 j 00:20	24°♌46'09	
direct	-3550 Sep 30 j 20:40	23°♌21'55	
morning max el	-3550 Oct 09 j 00:35	28°♌08'36	20°43'10
	-3550 Oct 10 j 17:58	0°♍	
greatest brilliancy	-3550 Oct 15 j 01:52	5°♍20'05	-0.5m
	-3550 Nov 01 j 01:40	0°♎	
desc. node	-3550 Nov 04 j 15:46	5°♎30'05	
morning set	-3550 Nov 06 j 19:28	8°♎50'21	
max. Earth dist.	-3550 Nov 16 j 04:28	23°♎41'45	1.43070 AU
	-3550 Nov 20 j 01:04	0°♏	
superior conj	-3550 Nov 22 j 15:58	4°♏21'27	-1°-38'-41
minimum elong	-3550 Nov 22 j 10:13	3°♏57'23	1°38'20
evening rise	-3550 Dec 04 j 19:16	25°♏19'22	
	-3550 Dec 07 j 10:45	0°♐	
asc. node	-3550 Dec 20 j 10:49	20°♐33'39	
evening max el	-3550 Dec 21 j 21:42	22°♐08'39	18°08'24
retrograde	-3550 Dec 28 j 12:11	25°♐36'41	
evening set	-3550 Dec 31 j 04:43	25°♐01'34	
inferior conj	-3549 Jan 06 j 16:52	19°♐51'05	3°57'58
minimum elong	-3549 Jan 06 j 15:25	19°♐54'46	3°57'44
min. Earth dist.	-3549 Jan 09 j 12:35	16°♐59'50	0.62204 AU
morning rise	-3549 Jan 13 j 00:01	13°♐59'25	
direct	-3549 Jan 20 j 01:02	11°♐24'58	
desc. node	-3549 Jan 31 j 15:10	16°♐57'48	
morning max el	-3549 Feb 03 j 00:15	19°♐09'51	27°42'56
	-3549 Feb 12 j 06:20	0°♑	
	-3549 Mar 02 j 20:44	0°♒	
morning set	-3549 Mar 08 j 07:26	10°♒39'30	
max. Earth dist.	-3549 Mar 14 j 03:24	22°♒53'37	1.32838 AU
superior conj	-3549 Mar 15 j 17:58	26°♒22'01	0°-27'-40
minimum elong	-3549 Mar 15 j 19:13	26°♒28'48	0°27'31
	-3549 Mar 17 j 10:07	0°♓	
asc. node	-3549 Mar 18 j 10:11	2°♓10'50	
evening rise	-3549 Mar 22 j 19:14	11°♓34'41	
	-3549 Apr 01 j 06:47	0°♈	
evening max el	-3549 Apr 16 j 15:11	20°♈57'28	24°15'46
desc. node	-3549 Apr 29 j 14:01	27°♈54'22	
retrograde	-3549 Apr 30 j 12:07	27°♈56'19	
evening set	-3549 May 04 j 22:29	27°♈12'19	
min. Earth dist.	-3549 May 11 j 02:53	24°♈09'32	0.56642 AU
inferior conj	-3549 May 13 j 17:16	22°♈31'21	-3°-26'-40
minimum elong	-3549 May 13 j 11:29	22°♈40'30	3°25'24
morning rise	-3549 May 22 j 04:32	18°♈27'36	
direct	-3549 May 24 j 16:16	18°♈10'59	
morning max el	-3549 Jun 03 j 06:14	22°♈37'41	19°36'54
	-3549 Jun 09 j 08:54	0°♉	
asc. node	-3549 Jun 14 j 09:46	8°♉16'31	
morning set	-3549 Jun 20 j 17:05	20°♉23'29	
	-3549 Jun 25 j 11:31	0°♊	
superior conj	-3549 Jun 28 j 19:36	6°♊39'10	1°45'14
minimum elong	-3549 Jun 28 j 18:01	6°♊31'23	1°45'17
max. Earth dist.	-3549 Jul 04 j 15:30	17°♊51'18	1.37423 AU
evening rise	-3549 Jul 08 j 13:18	24°♊59'43	
	-3549 Jul 11 j 09:34	0°♋	
desc. node	-3549 Jul 26 j 13:05	24°♋06'54	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3549 Jul 30 j 16:42	0°♌	
evening max el	-3549 Aug 13 j 09:29	16°♌33'45	25°20'46
retrograde	-3549 Aug 25 j 08:52	23°♌29'53	
evening set	-3549 Aug 31 j 06:29	20°♌59'20	
min. Earth dist.	-3549 Sep 04 j 17:10	15°♌59'46	0.66903 AU
inferior conj	-3549 Sep 05 j 17:30	14°♌40'29	-1°-32'-56
minimum elong	-3549 Sep 05 j 19:40	14°♌33'23	1°31'58
asc. node	-3549 Sep 10 j 08:58	9°♌24'29	
morning rise	-3549 Sep 11 j 09:24	8°♌38'49	
direct	-3549 Sep 14 j 18:41	7°♌32'21	
morning max el	-3549 Sep 22 j 03:12	11°♌45'49	19°37'45
greatest brilliancy	-3549 Sep 30 j 16:52	22°♌41'34	-0.7m
	-3549 Oct 05 j 15:23	0°♍	
morning set	-3549 Oct 16 j 19:18	17°♍10'27	
desc. node	-3549 Oct 22 j 12:43	26°♍05'58	
	-3549 Oct 25 j 00:26	0°♎	
max. Earth dist.	-3549 Oct 29 j 17:24	7°♎25'45	1.44289 AU
superior conj	-3549 Nov 02 j 14:03	13°♎35'22	-1°-6'-41
minimum elong	-3549 Nov 02 j 07:04	13°♎07'20	1°05'56
	-3549 Nov 12 j 15:14	0°♏	
evening rise	-3549 Nov 16 j 16:18	6°♏45'52	
	-3549 Dec 01 j 00:19	0°♐	
evening max el	-3549 Dec 05 j 10:20	5°♐27'45	18°22'21
asc. node	-3549 Dec 07 j 07:55	7°♐10'29	
retrograde	-3549 Dec 11 j 23:57	9°♐03'23	
evening set	-3549 Dec 14 j 20:30	8°♐19'23	
inferior conj	-3549 Dec 20 j 23:23	2°♐49'29	3°37'37
minimum elong	-3549 Dec 20 j 20:38	2°♐57'16	3°37'01
min. Earth dist.	-3549 Dec 23 j 04:43	0°♐18'54	0.63932 AU
	-3549 Dec 23 j 11:37	30°℞♏	
morning rise	-3549 Dec 26 j 19:18	26°♏47'31	
direct	-3548 Jan 02 j 18:14	23°♏58'24	
	-3548 Jan 14 j 13:10	0°♐	
morning max el	-3548 Jan 16 j 08:31	1°♐42'47	27°30'13
desc. node	-3548 Jan 18 j 12:13	3°♐56'47	
	-3548 Feb 06 j 10:13	0°♑	
morning set	-3548 Feb 20 j 04:04	24°♑46'26	
	-3548 Feb 22 j 18:33	0°♒	
max. Earth dist.	-3548 Feb 25 j 06:48	5°♒11'04	1.33509 AU
superior conj	-3548 Feb 28 j 00:58	11°♒00'20	0°-52'-30
minimum elong	-3548 Feb 28 j 03:16	11°♒12'33	0°52'11
asc. node	-3548 Mar 04 j 07:12	22°♒15'41	
evening rise	-3548 Mar 06 j 06:36	26°♒26'20	
	-3548 Mar 07 j 23:46	0°♓	
	-3548 Mar 26 j 16:33	0°♈	
evening max el	-3548 Mar 28 j 07:50	1°♈39'09	22°41'28
retrograde	-3548 Apr 10 j 10:56	8°♈05'21	
evening set	-3548 Apr 13 j 15:02	7°♈43'19	
desc. node	-3548 Apr 15 j 11:06	7°♈11'43	
min. Earth dist.	-3548 Apr 21 j 17:09	4°♈10'23	0.55464 AU
inferior conj	-3548 Apr 22 j 22:06	3°♈28'50	-2°00'-32
minimum elong	-3548 Apr 22 j 17:00	3°♈36'09	1°58'57
	-3548 Apr 30 j 02:45	30°℞♓	
morning rise	-3548 May 01 j 21:24	29°♓32'13	
direct	-3548 May 04 j 11:50	29°♓16'24	
	-3548 May 08 j 16:42	0°♈	
morning max el	-3548 May 15 j 17:57	4°♈31'54	20°50'37
asc. node	-3548 May 31 j 06:46	27°♈38'42	
	-3548 Jun 01 j 11:31	0°♉	
morning set	-3548 Jun 03 j 23:32	5°♉03'04	
superior conj	-3548 Jun 11 j 14:15	20°♉47'59	1°34'24
minimum elong	-3548 Jun 11 j 11:46	20°♉35'17	1°34'16
max. Earth dist.	-3548 Jun 15 j 23:40	29°♉38'00	1.35737 AU
	-3548 Jun 16 j 04:08	0°♊	
evening rise	-3548 Jun 20 j 06:57	7°♊54'19	
	-3548 Jul 03 j 01:37	0°♋	
desc. node	-3548 Jul 12 j 10:06	13°♋55'53	
	-3548 Jul 25 j 18:21	0°♌	
evening max el	-3548 Jul 25 j 20:33	0°♌05'22	26°24'55
retrograde	-3548 Aug 07 j 15:08	7°♌19'31	
evening set	-3548 Aug 14 j 02:44	4°♌36'36	
min. Earth dist.	-3548 Aug 18 j 05:18	0°♌15'17	0.66126 AU
	-3548 Aug 18 j 10:20	30°℞♋	
inferior conj	-3548 Aug 19 j 17:43	28°♋23'33	-2°-23'-47
minimum elong	-3548 Aug 19 j 20:56	28°♋13'39	2°22'34
morning rise	-3548 Aug 25 j 16:03	22°♋33'14	
asc. node	-3548 Aug 27 j 06:02	21°♋52'56	
direct	-3548 Aug 28 j 16:40	21°♋41'05	
morning max el	-3548 Sep 04 j 12:08	25°♋29'52	18°47'23
	-3548 Sep 08 j 07:29	0°♌	
morning set	-3548 Sep 25 j 14:17	26°♌30'29	
	-3548 Sep 27 j 18:53	0°♍	
desc. node	-3548 Oct 08 j 09:41	16°♍48'05	
superior conj	-3548 Oct 11 j 16:23	21°♍58'02	0°-20'-46
minimum elong	-3548 Oct 11 j 13:39	21°♍47'16	0°20'24
max. Earth dist.	-3548 Oct 11 j 10:27	21°♍34'40	1.44837 AU
	-3548 Oct 16 j 18:36	0°♎	
evening rise	-3548 Oct 27 j 13:39	17°♎10'59	
	-3548 Nov 04 j 13:26	0°♏	
evening max el	-3548 Nov 17 j 21:31	18°♏52'45	18°54'08
asc. node	-3548 Nov 23 j 04:59	22°♏32'16	
retrograde	-3548 Nov 24 j 17:38	22°♏45'16	
evening set	-3548 Nov 27 j 19:54	21°♏50'23	
inferior conj	-3548 Dec 03 j 15:41	16°♏03'38	3°04'42
minimum elong	-3548 Dec 03 j 12:33	16°♏13'16	3°03'46
min. Earth dist.	-3548 Dec 05 j 06:23	14°♏04'36	0.65324 AU
morning rise	-3548 Dec 09 j 04:11	9°♏54'18	
direct	-3548 Dec 15 j 17:57	7°♏05'18	
morning max el	-3548 Dec 28 j 18:04	14°♏39'20	26°45'58
desc. node	-3547 Jan 04 j 09:16	22°♏07'05	
	-3547 Jan 10 j 08:51	0°♐	
	-3547 Jan 29 j 03:01	0°♑	
morning set	-3547 Feb 02 j 13:57	8°♑16'04	
max. Earth dist.	-3547 Feb 06 j 23:42	16°♑53'05	1.34617 AU
superior conj	-3547 Feb 11 j 02:38	25°♑17'53	-1°-15'-37
minimum elong	-3547 Feb 11 j 05:41	25°♑33'38	1°15'17
	-3547 Feb 13 j 08:43	0°♒	
evening rise	-3547 Feb 18 j 16:00	11°♒06'32	
asc. node	-3547 Feb 19 j 04:12	12°♒09'33	
	-3547 Feb 28 j 15:25	0°♓	
evening max el	-3547 Mar 10 j 07:05	12°♓37'48	21°12'23
retrograde	-3547 Mar 22 j 00:43	18°♓15'05	
evening set	-3547 Mar 24 j 11:37	18°♓01'13	
desc. node	-3547 Apr 02 j 08:12	14°♓15'38	
inferior conj	-3547 Apr 02 j 17:28	14°♓02'33	0°-6'-26
minimum elong	-3547 Apr 02 j 17:10	14°♓02'59	0°06'23
transit middle	-3547 Apr 02 j 17:10	14°♓02'59	0°06'23
transit begin	-3547 Apr 02 j 13:25	14°♓08'17	
transit end	-3547 Apr 02 j 20:55	13°♓57'41	
min. Earth dist.	-3547 Apr 03 j 07:10	13°♓43'11	0.55156 AU
morning rise	-3547 Apr 11 j 22:09	9°♓56'26	
direct	-3547 Apr 14 j 23:55	9°♓35'47	
morning max el	-3547 Apr 27 j 18:50	15°♓44'20	22°20'53
	-3547 May 08 j 19:39	0°♈	
asc. node	-3547 May 18 j 03:45	17°♈22'08	
morning set	-3547 May 19 j 09:38	19°♈56'24	
	-3547 May 24 j 03:56	0°♉	
superior conj	-3547 May 26 j 16:38	5°♉21'37	1°18'24

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3547 May 26 j 13:58	5°♉07'37	1°18'06
max. Earth dist.	-3547 May 29 j 17:40	11°♉42'50	1.34401 AU
evening rise	-3547 Jun 03 j 15:50	21°♉36'01	
	-3547 Jun 08 j 02:21	0°♊	
	-3547 Jun 26 j 21:04	0°♋	
desc. node	-3547 Jun 29 j 07:08	3°♋12'08	
evening max el	-3547 Jul 08 j 08:06	13°♋29'20	27°08'44
retrograde	-3547 Jul 21 j 15:57	20°♋51'04	
evening set	-3547 Jul 28 j 14:32	18°♋04'29	
min. Earth dist.	-3547 Aug 01 j 09:58	14°♋21'14	0.64983 AU
inferior conj	-3547 Aug 03 j 11:45	12°♋00'32	-3°-10'-7
minimum elong	-3547 Aug 03 j 15:35	11°♋49'39	3°08'56
morning rise	-3547 Aug 09 j 18:01	6°♋24'59	
direct	-3547 Aug 12 j 12:22	5°♋43'51	
asc. node	-3547 Aug 14 j 03:06	5°♋57'48	
morning max el	-3547 Aug 19 j 01:17	9°♋16'14	18°13'34
	-3547 Sep 02 j 05:12	0°♌	
morning set	-3547 Sep 06 j 12:42	7°♌10'22	
superior conj	-3547 Sep 20 j 19:08	0°♍26'20	0°28'20
minimum elong	-3547 Sep 20 j 22:33	0°♍39'57	0°27'57
	-3547 Sep 20 j 12:32	0°♍	
max. Earth dist.	-3547 Sep 24 j 04:41	5°♍50'10	1.44652 AU
desc. node	-3547 Sep 25 j 06:38	7°♍32'41	
evening rise	-3547 Oct 07 j 10:43	26°♍34'49	
	-3547 Oct 09 j 15:33	0°♎	
greatest brilliancy	-3547 Oct 24 j 02:24	21°♎57'52	-0.7m
	-3547 Oct 30 j 02:51	0°♏	
evening max el	-3547 Nov 01 j 04:56	2°♏19'43	19°42'19
retrograde	-3547 Nov 08 j 14:17	6°♏37'35	
asc. node	-3547 Nov 10 j 02:04	6°♏24'43	
evening set	-3547 Nov 12 j 00:19	5°♏29'20	
	-3547 Nov 17 j 05:17	30°℞♎	
inferior conj	-3547 Nov 17 j 14:50	29°♎28'48	2°23'10
minimum elong	-3547 Nov 17 j 12:00	29°♎38'04	2°22'08
min. Earth dist.	-3547 Nov 18 j 16:09	28°♎05'57	0.66346 AU
morning rise	-3547 Nov 22 j 23:00	23°♎14'29	
direct	-3547 Nov 28 j 23:18	20°♎37'11	
morning max el	-3547 Dec 11 j 03:10	27°♎48'29	25°38'08
	-3547 Dec 13 j 05:21	0°♏	
desc. node	-3547 Dec 22 j 06:19	11°♏07'43	
	-3546 Jan 04 j 01:54	0°♐	
morning set	-3546 Jan 16 j 08:30	20°♐55'02	
max. Earth dist.	-3546 Jan 20 j 05:12	28°♐06'38	1.36170 AU
	-3546 Jan 21 j 04:56	0°♑	
superior conj	-3546 Jan 25 j 20:21	9°♑06'49	-1°-35'-25
minimum elong	-3546 Jan 25 j 23:32	9°♑22'46	1°35'13
evening rise	-3546 Feb 02 j 21:32	25°♑29'22	
	-3546 Feb 05 j 03:25	0°♒	
asc. node	-3546 Feb 06 j 01:13	1°♒47'27	
evening max el	-3546 Feb 20 j 16:27	24°♒09'33	19°57'34
retrograde	-3546 Mar 02 j 17:28	28°♒55'49	
evening set	-3546 Mar 05 j 00:24	28°♒42'04	
inferior conj	-3546 Mar 13 j 17:27	24°♒41'16	1°44'40
minimum elong	-3546 Mar 13 j 21:35	24°♒34'56	1°43'17
min. Earth dist.	-3546 Mar 15 j 21:19	23°♒22'10	0.55780 AU
desc. node	-3546 Mar 20 j 05:19	21°♒03'46	
morning rise	-3546 Mar 22 j 15:51	20°♒10'02	
direct	-3546 Mar 26 j 16:35	19°♒34'12	
morning max el	-3546 Apr 09 j 11:55	26°♒26'37	23°59'53
	-3546 Apr 12 j 21:15	0°♓	
	-3546 May 01 j 11:54	0°♈	
morning set	-3546 May 03 j 21:37	4°♈57'43	
asc. node	-3546 May 05 j 00:46	7°♈20'53	
superior conj	-3546 May 11 j 00:10	20°♈12'09	0°58'40
minimum elong	-3546 May 10 j 21:53	19°♈59'51	0°58'18
max. Earth dist.	-3546 May 12 j 21:15	24°♈13'48	1.33437 AU
	-3546 May 15 j 14:55	0°♉	
evening rise	-3546 May 18 j 11:39	5°♉51'54	
	-3546 May 31 j 17:05	0°♊	
desc. node	-3546 Jun 16 j 04:10	21°♊41'56	
evening max el	-3546 Jun 20 j 18:28	26°♊33'38	27°25'16
	-3546 Jun 24 j 18:42	0°♋	
retrograde	-3546 Jul 04 j 10:51	3°♋56'40	
evening set	-3546 Jul 11 j 14:41	1°♋18'15	
	-3546 Jul 13 j 05:37	30°℞♊	
min. Earth dist.	-3546 Jul 15 j 05:18	28°♊08'38	0.63467 AU
inferior conj	-3546 Jul 17 j 21:01	25°♊26'18	-3°-48'-46
minimum elong	-3546 Jul 18 j 00:41	25°♊16'55	3°47'56
morning rise	-3546 Jul 24 j 12:39	20°♊08'51	
direct	-3546 Jul 27 j 02:58	19°♊35'59	
asc. node	-3546 Aug 01 j 00:10	21°♊31'59	
morning max el	-3546 Aug 02 j 16:14	23°♊00'32	17°57'19
	-3546 Aug 08 j 04:04	0°♋	
morning set	-3546 Aug 19 j 12:12	19°♋01'46	
	-3546 Aug 25 j 20:29	0°♌	
superior conj	-3546 Aug 31 j 18:36	9°♌57'26	1°08'37
minimum elong	-3546 Sep 01 j 00:20	10°♌21'08	1°08'06
max. Earth dist.	-3546 Sep 06 j 20:46	19°♌53'12	1.43765 AU
desc. node	-3546 Sep 12 j 03:35	28°♌16'48	
	-3546 Sep 13 j 05:55	0°♍	
evening rise	-3546 Sep 16 j 16:17	5°♍20'19	
	-3546 Oct 03 j 02:12	0°♎	
greatest brilliancy	-3546 Oct 09 j 09:39	8°♎45'29	-0.5m
evening max el	-3546 Oct 15 j 06:47	15°♎45'59	20°44'45
retrograde	-3546 Oct 23 j 11:33	20°♎36'44	
evening set	-3546 Oct 27 j 07:30	19°♎12'37	
asc. node	-3546 Oct 27 j 23:10	18°♎41'23	
inferior conj	-3546 Nov 01 j 18:26	13°♎01'36	1°35'44
minimum elong	-3546 Nov 01 j 16:22	13°♎08'39	1°34'54
min. Earth dist.	-3546 Nov 02 j 07:56	12°♎15'43	0.67019 AU
morning rise	-3546 Nov 07 j 00:48	6°♎44'44	
direct	-3546 Nov 12 j 09:46	4°♎26'03	
morning max el	-3546 Nov 23 j 11:53	11°♎02'41	24°16'03
	-3546 Dec 08 j 15:04	0°♏	
desc. node	-3546 Dec 09 j 03:19	0°♏43'35	
	-3546 Dec 27 j 19:45	0°♐	
morning set	-3546 Dec 29 j 05:50	2°♐26'34	
max. Earth dist.	-3545 Jan 02 j 02:34	9°♐15'50	1.38087 AU
superior conj	-3545 Jan 09 j 02:33	22°♐16'25	-1°-49'-44
minimum elong	-3545 Jan 09 j 04:52	22°♐27'34	1°49'46
	-3545 Jan 13 j 01:59	0°♑	
evening rise	-3545 Jan 17 j 20:51	9°♑27'20	
asc. node	-3545 Jan 23 j 22:16	21°♑02'39	
	-3545 Jan 29 j 08:22	0°♒	
evening max el	-3545 Feb 03 j 12:06	6°♒16'25	19°01'19
retrograde	-3545 Feb 12 j 00:43	10°♒21'46	
evening set	-3545 Feb 14 j 09:31	10°♒04'12	
inferior conj	-3545 Feb 22 j 09:36	5°♒48'37	3°05'50
minimum elong	-3545 Feb 22 j 14:18	5°♒40'19	3°04'40
min. Earth dist.	-3545 Feb 25 j 12:43	3°♒37'23	0.57186 AU
morning rise	-3545 Mar 02 j 15:15	0°♒46'47	
	-3545 Mar 05 j 02:41	30°℞♑	
desc. node	-3545 Mar 07 j 02:26	29°♑43'02	
direct	-3545 Mar 07 j 21:16	29°♑41'33	
	-3545 Mar 10 j 16:07	0°♒	
morning max el	-3545 Mar 22 j 02:59	7°♒02'23	25°34'39
	-3545 Apr 08 j 00:13	0°♓	
morning set	-3545 Apr 18 j 09:43	19°♓59'50	
asc. node	-3545 Apr 21 j 21:47	27°♓28'51	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3545 Apr 23 j 01:37	0°♈	
superior conj	-3545 Apr 25 j 10:43	5°♈11'22	0°36'15
minimum elong	-3545 Apr 25 j 09:11	5°♈03'00	0°35'56
max. Earth dist.	-3545 Apr 26 j 07:22	7°♈03'54	1.32825 AU
evening rise	-3545 May 02 j 14:54	20°♈30'04	
	-3545 May 07 j 09:27	0°♉	
	-3545 May 26 j 00:30	0°♊	
evening max el	-3545 Jun 03 j 01:04	9°♊04'59	27°10'04
desc. node	-3545 Jun 03 j 01:14	9°♊05'24	
retrograde	-3545 Jun 16 j 23:17	16°♊26'55	
evening set	-3545 Jun 23 j 23:16	14°♊10'50	
min. Earth dist.	-3545 Jun 27 j 14:37	11°♊23'58	0.61615 AU
inferior conj	-3545 Jun 30 j 18:20	8°♊33'23	-4°-14'-56
minimum elong	-3545 Jun 30 j 20:36	8°♊28'16	4°14'36
morning rise	-3545 Jul 07 j 20:42	3°♊36'52	
direct	-3545 Jul 10 j 08:51	3°♊10'13	
morning max el	-3545 Jul 17 j 06:14	6°♊36'25	17°59'37
asc. node	-3545 Jul 18 j 21:15	8°♊20'35	
	-3545 Aug 01 j 07:17	0°♋	
morning set	-3545 Aug 02 j 07:22	1°♋49'54	
superior conj	-3545 Aug 12 j 21:51	20°♋51'31	1°34'42
minimum elong	-3545 Aug 13 j 02:06	21°♋09'58	1°34'30
	-3545 Aug 18 j 06:21	0°♌	
max. Earth dist.	-3545 Aug 20 j 07:34	3°♌24'40	1.42302 AU
evening rise	-3545 Aug 27 j 00:55	14°♌16'29	
desc. node	-3545 Aug 30 j 00:33	18°♌57'22	
	-3545 Sep 06 j 06:27	0°♍	
greatest brilliancy	-3545 Sep 23 j 07:14	23°♍44'30	-0.4m
evening max el	-3545 Sep 28 j 02:25	29°♍11'27	21°58'15
	-3545 Sep 28 j 22:00	0°♎	
retrograde	-3545 Oct 07 j 07:34	4°♎40'12	
evening set	-3545 Oct 11 j 15:34	2°♎58'01	
asc. node	-3545 Oct 14 j 20:17	29°♍35'37	
	-3545 Oct 14 j 12:30	30°℞♍	
inferior conj	-3545 Oct 17 j 00:29	26°♍40'12	0°44'31
minimum elong	-3545 Oct 16 j 23:28	26°♍43'43	0°44'06
min. Earth dist.	-3545 Oct 17 j 03:21	26°♍30'20	0.67374 AU
morning rise	-3545 Oct 22 j 07:11	20°♍23'30	
direct	-3545 Oct 27 j 00:53	18°♍26'16	
morning max el	-3545 Nov 05 j 22:20	24°♍20'12	22°49'24
greatest brilliancy	-3545 Nov 10 j 16:54	29°♍42'02	-0.3m
	-3545 Nov 10 j 22:48	0°♎	
desc. node	-3545 Nov 26 j 00:19	20°♎44'38	
	-3545 Dec 02 j 02:33	0°♏	
morning set	-3545 Dec 10 j 00:07	12°♏37'00	
max. Earth dist.	-3545 Dec 14 j 22:47	20°♏54'30	1.40161 AU
	-3545 Dec 20 j 03:39	0°♐	
superior conj	-3545 Dec 22 j 16:41	4°♐35'04	-1°-55'-37
minimum elong	-3545 Dec 22 j 16:43	4°♐35'15	1°55'46
evening rise	-3544 Jan 01 j 11:08	22°♐53'39	
	-3544 Jan 05 j 05:37	0°♑	
asc. node	-3544 Jan 10 j 19:21	9°♑47'41	
evening max el	-3544 Jan 17 j 16:11	18°♑54'01	18°25'08
retrograde	-3544 Jan 25 j 02:25	22°♑33'22	
evening set	-3544 Jan 27 j 14:13	22°♑09'53	
inferior conj	-3544 Feb 03 j 22:16	17°♑33'54	3°49'32
minimum elong	-3544 Feb 04 j 00:43	17°♑28'52	3°49'09
min. Earth dist.	-3544 Feb 07 j 07:43	14°♑48'22	0.59073 AU
morning rise	-3544 Feb 11 j 07:46	12°♑07'12	
direct	-3544 Feb 17 j 15:11	10°♑23'09	
desc. node	-3544 Feb 21 j 23:34	11°♑10'41	
morning max el	-3544 Mar 02 j 21:33	17°♑59'00	26°49'51
	-3544 Mar 12 j 22:35	0°♒	
	-3544 Mar 30 j 10:26	0°♓	
morning set	-3544 Apr 01 j 20:12	4°♓56'19	
asc. node	-3544 Apr 07 j 18:48	17°♓41'34	
superior conj	-3544 Apr 08 j 22:27	20°♓12'55	0°12'04
minimum elong	-3544 Apr 08 j 21:56	20°♓10'00	0°11'54
behind sun begin	-3544 Apr 08 j 18:38	19°♓51'56	
behind sun end	-3544 Apr 09 j 01:13	20°♓28'04	
max. Earth dist.	-3544 Apr 08 j 20:29	20°♓02'04	1.32555 AU
	-3544 Apr 13 j 10:22	0°♈	
evening rise	-3544 Apr 15 j 23:01	5°♈21'39	
	-3544 Apr 29 j 02:56	0°♉	
evening max el	-3544 May 15 j 01:57	20°♉55'20	26°22'26
desc. node	-3544 May 19 j 22:20	24°♉54'55	
retrograde	-3544 May 29 j 03:54	28°♉13'39	
evening set	-3544 Jun 04 j 12:05	26°♉32'26	
min. Earth dist.	-3544 Jun 08 j 15:03	23°♉51'50	0.59575 AU
inferior conj	-3544 Jun 12 j 00:05	21°♉12'53	-4°-21'-16
minimum elong	-3544 Jun 11 j 23:26	21°♉14'10	4°21'10
morning rise	-3544 Jun 19 j 14:24	16°♉38'26	
direct	-3544 Jun 22 j 01:48	16°♉16'32	
morning max el	-3544 Jun 29 j 16:21	19°♉55'41	18°21'21
asc. node	-3544 Jul 04 j 18:19	26°♉08'00	
	-3544 Jul 07 j 05:54	0°♊	
morning set	-3544 Jul 15 j 17:03	15°♊21'28	
	-3544 Jul 23 j 10:50	0°♋	
superior conj	-3544 Jul 25 j 01:48	2°♋59'43	1°47'05
minimum elong	-3544 Jul 25 j 03:23	3°♋06'57	1°47'10
max. Earth dist.	-3544 Aug 01 j 12:26	16°♋13'12	1.40468 AU
evening rise	-3544 Aug 06 j 05:51	24°♋10'55	
	-3544 Aug 09 j 19:41	0°♌	
desc. node	-3544 Aug 15 j 21:32	9°♌30'30	
	-3544 Aug 30 j 03:34	0°♍	
greatest brilliancy	-3544 Sep 03 j 09:17	5°♍27'54	-0.2m
evening max el	-3544 Sep 09 j 16:48	12°♍37'41	23°18'09
retrograde	-3544 Sep 20 j 00:49	18°♍44'43	
evening set	-3544 Sep 24 j 22:41	16°♍43'11	
inferior conj	-3544 Sep 30 j 07:10	10°♍22'16	0°-8'-46
minimum elong	-3544 Sep 30 j 07:23	10°♍21'35	0°08'38
transit middle	-3544 Sep 30 j 07:23	10°♍21'35	0°08'38
transit begin	-3544 Sep 30 j 05:05	10°♍29'28	
transit end	-3544 Sep 30 j 09:40	10°♍13'41	
min. Earth dist.	-3544 Sep 29 j 23:51	10°♍47'27	0.67435 AU
asc. node	-3544 Sep 30 j 17:25	9°♍47'08	
morning rise	-3544 Oct 05 j 16:05	4°♍08'49	
direct	-3544 Oct 09 j 19:44	2°♍32'56	
morning max el	-3544 Oct 18 j 13:33	7°♍42'54	21°26'29
greatest brilliancy	-3544 Oct 23 j 18:46	13°♍44'22	-0.4m
	-3544 Nov 04 j 12:13	0°♎	
desc. node	-3544 Nov 11 j 21:17	11°♎03'00	
morning set	-3544 Nov 18 j 14:10	21°♎27'04	
	-3544 Nov 23 j 22:21	0°♏	
max. Earth dist.	-3544 Nov 26 j 00:21	3°♏24'17	1.42113 AU
superior conj	-3544 Dec 03 j 09:06	15°♏48'23	-1°-49'-20
minimum elong	-3544 Dec 03 j 05:29	15°♏32'48	1°49'16
	-3544 Dec 11 j 09:48	0°♐	
evening rise	-3544 Dec 14 j 12:44	5°♐39'45	
asc. node	-3544 Dec 27 j 16:25	27°♐52'40	
	-3544 Dec 29 j 08:18	0°♑	
evening max el	-3544 Dec 31 j 01:53	1°♑53'44	18°08'59
retrograde	-3543 Jan 06 j 20:35	5°♑21'54	
evening set	-3543 Jan 09 j 11:24	4°♑51'14	
inferior conj	-3543 Jan 16 j 06:02	29°♐53'18	4°01'46
minimum elong	-3543 Jan 16 j 05:48	29°♐53'52	4°01'38
	-3543 Jan 16 j 03:12	30°℞♐	
min. Earth dist.	-3543 Jan 19 j 08:58	26°♐57'36	0.61095 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3543 Jan 22 j 21:37	24°♐09'27	
direct	-3543 Jan 29 j 19:45	21°♐49'50	
desc. node	-3543 Feb 07 j 20:40	25°♐14'56	
morning max el	-3543 Feb 12 j 22:06	29°♐32'36	27°33'55
	-3543 Feb 13 j 09:10	0°♑	
	-3543 Mar 06 j 19:25	0°♒	
morning set	-3543 Mar 17 j 03:13	19°♒40'28	
	-3543 Mar 22 j 00:31	0°♓	
max. Earth dist.	-3543 Mar 23 j 08:58	2°♓55'51	1.32629 AU
superior conj	-3543 Mar 24 j 09:45	5°♓10'48	0°-13'-5
minimum elong	-3543 Mar 24 j 10:20	5°♓14'03	0°13'03
behind sun begin	-3543 Mar 24 j 07:28	4°♓58'22	
behind sun end	-3543 Mar 24 j 13:13	5°♓29'44	
asc. node	-3543 Mar 25 j 15:49	7°♓54'57	
evening rise	-3543 Mar 31 j 09:52	20°♓19'17	
	-3543 Apr 05 j 04:07	0°♈	
	-3543 Apr 24 j 19:09	0°♉	
evening max el	-3543 Apr 26 j 20:57	2°♉06'11	25°07'20
desc. node	-3543 May 06 j 19:27	8°♉35'28	
retrograde	-3543 May 10 j 22:07	9°♉14'50	
evening set	-3543 May 16 j 03:03	8°♉12'12	
min. Earth dist.	-3543 May 21 j 09:13	5°♉21'18	0.57611 AU
inferior conj	-3543 May 24 j 11:00	3°♉15'59	-3°-57'-45
minimum elong	-3543 May 24 j 06:42	3°♉23'21	3°57'05
	-3543 May 29 j 21:25	30°℞♈	
morning rise	-3543 Jun 01 j 14:24	29°♈02'11	
direct	-3543 Jun 04 j 01:51	28°♈43'54	
	-3543 Jun 08 j 23:07	0°♉	
morning max el	-3543 Jun 12 j 19:38	2°♉49'14	19°03'21
asc. node	-3543 Jun 21 j 15:21	14°♉40'58	
morning set	-3543 Jun 29 j 13:12	29°♉26'39	
	-3543 Jun 29 j 19:58	0°♊	
superior conj	-3543 Jul 08 j 00:48	16°♊06'43	1°48'24
minimum elong	-3543 Jul 08 j 00:08	16°♊03'30	1°48'32
max. Earth dist.	-3543 Jul 14 j 14:32	28°♊23'24	1.38515 AU
	-3543 Jul 15 j 11:59	0°♋	
evening rise	-3543 Jul 18 j 13:02	5°♋22'15	
desc. node	-3543 Aug 02 j 18:32	29°♋51'58	
	-3543 Aug 02 j 20:42	0°♌	
evening max el	-3543 Aug 23 j 04:20	26°♌07'38	24°37'54
	-3543 Aug 27 j 15:24	0°♍	
retrograde	-3543 Sep 03 j 14:13	2°♍47'42	
evening set	-3543 Sep 09 j 03:09	0°♍27'09	
	-3543 Sep 09 j 15:13	30°℞♌	
min. Earth dist.	-3543 Sep 13 j 18:58	25°♌06'16	0.67197 AU
inferior conj	-3543 Sep 14 j 12:47	24°♌06'45	-1°-2'-27
minimum elong	-3543 Sep 14 j 14:15	24°♌01'49	1°01'46
asc. node	-3543 Sep 17 j 14:31	20°♌15'25	
morning rise	-3543 Sep 20 j 01:40	17°♌59'48	
direct	-3543 Sep 23 j 17:07	16°♌43'19	
morning max el	-3543 Oct 01 j 11:51	21°♌14'38	20°13'33
greatest brilliancy	-3543 Oct 08 j 10:03	29°♌41'51	-0.6m
	-3543 Oct 08 j 15:22	0°♍	
morning set	-3543 Oct 28 j 12:25	29°♍38'09	
	-3543 Oct 28 j 18:03	0°♎	
desc. node	-3543 Oct 29 j 18:13	1°♎33'45	
max. Earth dist.	-3543 Nov 08 j 09:48	16°♎46'23	1.43668 AU
superior conj	-3543 Nov 13 j 22:50	25°♎45'36	-1°-27'-11
minimum elong	-3543 Nov 13 j 15:59	25°♎17'32	1°26'36
	-3543 Nov 16 j 12:29	0°♏	
evening rise	-3543 Nov 26 j 21:29	17°♏37'43	
	-3543 Dec 04 j 02:00	0°♐	
evening max el	-3543 Dec 14 j 14:15	15°♐07'41	18°12'10
asc. node	-3543 Dec 14 j 13:29	15°♐05'44	
retrograde	-3543 Dec 21 j 03:12	18°♐37'21	
evening set	-3543 Dec 23 j 21:25	17°♐58'30	
inferior conj	-3543 Dec 30 j 05:19	12°♐39'25	3°51'12
minimum elong	-3543 Dec 30 j 03:11	12°♐45'06	3°50'49
min. Earth dist.	-3542 Jan 01 j 19:04	9°♐55'25	0.62979 AU
morning rise	-3542 Jan 05 j 07:12	6°♐43'18	
direct	-3542 Jan 12 j 08:33	4°♐00'47	
desc. node	-3542 Jan 25 j 17:44	11°♐20'11	
morning max el	-3542 Jan 26 j 04:07	11°♐45'32	27°41'50
	-3542 Feb 09 j 16:39	0°♑	
	-3542 Feb 27 j 03:18	0°♒	
morning set	-3542 Mar 01 j 04:24	4°♒03'36	
max. Earth dist.	-3542 Mar 06 j 16:55	15°♒30'50	1.33074 AU
superior conj	-3542 Mar 08 j 18:49	19°♒58'10	0°-38'-19
minimum elong	-3542 Mar 08 j 20:32	20°♒07'24	0°38'05
asc. node	-3542 Mar 12 j 12:48	28°♒04'18	
	-3542 Mar 13 j 10:18	0°♓	
evening rise	-3542 Mar 15 j 21:32	5°♓15'19	
	-3542 Mar 29 j 06:37	0°♈	
evening max el	-3542 Apr 08 j 12:44	12°♈51'00	23°35'51
retrograde	-3542 Apr 22 j 03:36	19°♈37'35	
desc. node	-3542 Apr 23 j 16:35	19°♈32'16	
evening set	-3542 Apr 26 j 00:20	19°♈04'47	
min. Earth dist.	-3542 May 02 j 23:50	15°♈50'55	0.56055 AU
inferior conj	-3542 May 05 j 01:48	14°♈36'01	-2°-54'-56
minimum elong	-3542 May 04 j 19:42	14°♈45'12	2°53'20
morning rise	-3542 May 13 j 18:34	10°♈36'58	
direct	-3542 May 16 j 07:09	10°♈20'57	
morning max el	-3542 May 26 j 13:26	15°♈06'47	20°05'52
	-3542 Jun 06 j 10:07	0°♉	
asc. node	-3542 Jun 08 j 12:21	3°♉47'45	
morning set	-3542 Jun 13 j 16:36	13°♉55'54	
superior conj	-3542 Jun 21 j 13:29	29°♉56'33	1°41'22
minimum elong	-3542 Jun 21 j 11:26	29°♉46'13	1°41'21
	-3542 Jun 21 j 14:11	0°♊	
max. Earth dist.	-3542 Jun 26 j 19:02	10°♊11'59	1.36676 AU
evening rise	-3542 Jun 30 j 19:34	17°♊42'51	
	-3542 Jul 07 j 19:55	0°♋	
desc. node	-3542 Jul 20 j 15:34	19°♋55'08	
	-3542 Jul 28 j 02:47	0°♌	
evening max el	-3542 Aug 05 j 15:10	9°♌39'48	25°49'59
retrograde	-3542 Aug 17 j 23:05	16°♌44'08	
evening set	-3542 Aug 24 j 03:01	14°♌07'31	
min. Earth dist.	-3542 Aug 28 j 10:12	9°♌24'13	0.66625 AU
inferior conj	-3542 Aug 29 j 15:30	7°♌51'01	-1°-54'-53
minimum elong	-3542 Aug 29 j 18:10	7°♌42'33	1°53'47
morning rise	-3542 Sep 04 j 09:58	1°♌53'53	
asc. node	-3542 Sep 04 j 11:34	1°♌51'26	
direct	-3542 Sep 07 j 15:22	0°♌53'49	
morning max el	-3542 Sep 14 j 17:21	4°♌55'14	19°14'22
	-3542 Oct 02 j 10:47	0°♍	
morning set	-3542 Oct 07 j 18:26	8°♍19'06	
desc. node	-3542 Oct 16 j 15:11	22°♍12'54	
	-3542 Oct 21 j 13:52	0°♎	
max. Earth dist.	-3542 Oct 22 j 01:26	0°♎45'38	1.44613 AU
superior conj	-3542 Oct 24 j 10:42	4°♎32'19	0°-48'-24
minimum elong	-3542 Oct 24 j 04:52	4°♎09'12	0°47'43
evening rise	-3542 Nov 08 j 08:52	28°♎39'20	
	-3542 Nov 09 j 04:27	0°♏	
evening max el	-3542 Nov 28 j 02:33	28°♏29'56	18°33'46
	-3542 Nov 29 j 17:17	0°♐	
asc. node	-3542 Dec 01 j 10:33	1°♐12'50	
retrograde	-3542 Dec 04 j 18:00	2°♐11'44	
evening set	-3542 Dec 07 j 16:48	1°♐23'13	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3542 Dec 09 j 16:06	30°℞♏	
inferior conj	-3542 Dec 13 j 16:23	25°♏45'30	3°24'56
minimum elong	-3542 Dec 13 j 13:22	25°♏54'22	3°24'10
min. Earth dist.	-3542 Dec 15 j 15:16	23°♏27'45	0.64564 AU
morning rise	-3542 Dec 19 j 08:43	19°♏40'08	
direct	-3542 Dec 26 j 04:19	16°♏49'47	
morning max el	-3541 Jan 08 j 13:22	24°♏30'41	27°15'01
desc. node	-3541 Jan 12 j 14:45	28°♏52'46	
	-3541 Jan 13 j 13:44	0°♐	
	-3541 Feb 03 j 01:35	0°♑	
morning set	-3541 Feb 12 j 20:57	17°♑56'25	
max. Earth dist.	-3541 Feb 17 j 16:32	27°♑35'28	1.33925 AU
	-3541 Feb 18 j 20:30	0°♒	
superior conj	-3541 Feb 20 j 23:49	4°♒28'40	-1°-2'-35
minimum elong	-3541 Feb 21 j 02:29	4°♒42'43	1°02'15
asc. node	-3541 Feb 27 j 09:49	18°♒05'30	
evening rise	-3541 Feb 28 j 08:18	20°♒03'22	
	-3541 Mar 05 j 06:38	0°♓	
evening max el	-3541 Mar 21 j 07:22	23°♓36'39	22°02'16
retrograde	-3541 Apr 02 j 21:42	29°♓43'50	
evening set	-3541 Apr 05 j 16:49	29°♓26'28	
desc. node	-3541 Apr 10 j 13:40	27°♓43'54	
min. Earth dist.	-3541 Apr 14 j 13:35	25°♓36'31	0.55221 AU
inferior conj	-3541 Apr 15 j 01:03	25°♓20'21	-1°-14'-2
minimum elong	-3541 Apr 14 j 21:40	25°♓25'07	1°12'54
morning rise	-3541 Apr 24 j 03:54	21°♓22'24	
direct	-3541 Apr 26 j 21:46	21°♓05'32	
morning max el	-3541 May 08 j 20:27	26°♓43'07	21°27'19
	-3541 May 11 j 23:36	0°♈	
asc. node	-3541 May 26 j 09:22	23°♈20'01	
morning set	-3541 May 29 j 00:51	28°♈42'25	
	-3541 May 29 j 15:51	0°♉	
superior conj	-3541 Jun 05 j 11:49	14°♉17'24	1°28'10
minimum elong	-3541 Jun 05 j 09:11	14°♉03'45	1°27'57
max. Earth dist.	-3541 Jun 09 j 07:13	22°♉04'42	1.35126 AU
	-3541 Jun 13 j 07:56	0°♊	
evening rise	-3541 Jun 13 j 20:17	0°♊59'05	
	-3541 Jun 30 j 20:38	0°♋	
desc. node	-3541 Jul 07 j 12:36	9°♋31'45	
evening max el	-3541 Jul 19 j 02:22	23°♋08'50	26°46'20
	-3541 Jul 29 j 05:02	0°♌	
retrograde	-3541 Aug 01 j 03:06	0°♌27'22	
	-3541 Aug 03 j 21:36	30°℞♋	
evening set	-3541 Aug 07 j 20:02	27°♋41'17	
min. Earth dist.	-3541 Aug 11 j 19:17	23°♋36'42	0.65692 AU
inferior conj	-3541 Aug 13 j 13:22	21°♋31'48	-2°-44'-10
minimum elong	-3541 Aug 13 j 16:55	21°♋21'13	2°42'55
morning rise	-3541 Aug 19 j 14:56	15°♋47'41	
asc. node	-3541 Aug 22 j 08:39	15°♋00'50	
direct	-3541 Aug 22 j 12:35	15°♋00'41	
morning max el	-3541 Aug 29 j 04:27	18°♋41'18	18°30'54
	-3541 Sep 06 j 16:08	0°♌	
morning set	-3541 Sep 18 j 00:51	18°♌12'49	
	-3541 Sep 25 j 08:27	0°♍	
superior conj	-3541 Oct 03 j 10:14	12°♍49'00	0°00'31
minimum elong	-3541 Oct 03 j 10:19	12°♍49'19	0°00'33
behind sun begin	-3541 Oct 02 j 23:00	12°♍04'41	
behind sun end	-3541 Oct 03 j 21:37	13°♍33'55	
desc. node	-3541 Oct 03 j 12:09	12°♍56'34	
max. Earth dist.	-3541 Oct 04 j 19:32	15°♍00'14	1.44844 AU
	-3541 Oct 14 j 08:16	0°♎	
evening rise	-3541 Oct 19 j 19:34	8°♎37'37	
	-3541 Nov 02 j 11:57	0°♏	
evening max el	-3541 Nov 11 j 12:18	11°♏55'39	19°12'42
asc. node	-3541 Nov 18 j 07:38	15°♏58'06	
retrograde	-3541 Nov 18 j 13:24	15°♏58'26	
evening set	-3541 Nov 21 j 18:37	14°♏58'15	
inferior conj	-3541 Nov 27 j 11:56	9°♏05'03	2°47'56
minimum elong	-3541 Nov 27 j 08:51	9°♏14'47	2°46'57
min. Earth dist.	-3541 Nov 28 j 20:43	7°♏21'05	0.65796 AU
morning rise	-3541 Dec 02 j 22:13	2°♏53'01	
direct	-3541 Dec 09 j 06:28	0°♏07'59	
morning max el	-3541 Dec 21 j 23:05	7°♏34'41	26°19'32
desc. node	-3541 Dec 30 j 11:47	17°♏26'34	
	-3540 Jan 08 j 12:03	0°♐	
	-3540 Jan 26 j 10:44	0°♑	
morning set	-3540 Jan 27 j 00:56	1°♑06'14	
max. Earth dist.	-3540 Jan 31 j 04:33	9°♑03'35	1.35221 AU
superior conj	-3540 Feb 04 j 22:25	18°♑34'33	-1°-24'-33
minimum elong	-3540 Feb 05 j 01:37	18°♑50'54	1°24'15
	-3540 Feb 10 j 10:50	0°♒	
evening rise	-3540 Feb 12 j 16:17	4°♒36'30	
asc. node	-3540 Feb 14 j 06:50	7°♒53'06	
	-3540 Feb 27 j 04:21	0°♓	
evening max el	-3540 Mar 02 j 10:32	4°♓47'26	20°38'28
retrograde	-3540 Mar 13 j 11:29	10°♓03'00	
evening set	-3540 Mar 15 j 19:10	9°♓49'59	
inferior conj	-3540 Mar 24 j 20:34	5°♓52'18	0°43'02
minimum elong	-3540 Mar 24 j 22:29	5°♓49'30	0°42'19
min. Earth dist.	-3540 Mar 26 j 03:45	5°♓07'06	0.55305 AU
desc. node	-3540 Mar 27 j 10:45	4°♓23'10	
morning rise	-3540 Apr 03 j 00:04	1°♓36'42	
direct	-3540 Apr 06 j 09:56	1°♓11'22	
morning max el	-3540 Apr 19 j 17:36	7°♓40'52	23°02'40
	-3540 May 05 j 14:01	0°♈	
morning set	-3540 May 12 j 11:59	13°♈39'55	
asc. node	-3540 May 12 j 06:23	13°♈10'47	
superior conj	-3540 May 19 j 16:43	28°♈59'35	1°10'26
minimum elong	-3540 May 19 j 14:10	28°♈45'58	1°10'05
	-3540 May 20 j 04:05	0°♉	
max. Earth dist.	-3540 May 22 j 05:16	4°♉19'35	1.33941 AU
evening rise	-3540 May 27 j 10:17	14°♉56'58	
	-3540 Jun 04 j 11:24	0°♊	
desc. node	-3540 Jun 23 j 09:38	28°♊30'44	
	-3540 Jun 24 j 15:01	0°♋	
evening max el	-3540 Jun 30 j 13:31	6°♋25'55	27°19'24
retrograde	-3540 Jul 14 j 01:46	13°♋49'42	
evening set	-3540 Jul 21 j 03:24	11°♋04'43	
min. Earth dist.	-3540 Jul 24 j 20:14	7°♋36'44	0.64380 AU
inferior conj	-3540 Jul 27 j 04:04	5°♋05'17	-3°-27'-44
minimum elong	-3540 Jul 27 j 07:57	4°♋54'42	3°26'40
	-3540 Aug 01 j 20:27	30°℞♊	
morning rise	-3540 Aug 02 j 14:11	29°♊37'12	
direct	-3540 Aug 05 j 06:25	29°♊00'04	
asc. node	-3540 Aug 08 j 05:44	29°♊45'38	
	-3540 Aug 08 j 16:24	0°♋	
morning max el	-3540 Aug 11 j 18:47	2°♋28'20	18°04'25
morning set	-3540 Aug 29 j 10:36	29°♋25'13	
	-3540 Aug 29 j 18:48	0°♌	
superior conj	-3540 Sep 11 j 20:10	21°♌40'09	0°47'00
minimum elong	-3540 Sep 12 j 01:09	22°♌00'20	0°46'28
max. Earth dist.	-3540 Sep 16 j 12:42	29°♌11'07	1.44351 AU
	-3540 Sep 17 j 01:01	0°♍	
desc. node	-3540 Sep 19 j 09:06	3°♍41'45	
evening rise	-3540 Sep 28 j 08:18	17°♍40'47	
	-3540 Oct 06 j 08:59	0°♎	
greatest brilliancy	-3540 Oct 17 j 17:57	16°♎44'36	-0.6m
evening max el	-3540 Oct 24 j 17:30	25°♎22'43	20°07'17

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3540 Nov 01 j 10:35	29°♎54'05	
asc. node	-3540 Nov 04 j 04:43	29°♎10'04	
evening set	-3540 Nov 05 j 00:28	28°♎39'36	
inferior conj	-3540 Nov 10 j 13:17	22°♎34'18	2°03'37
minimum elong	-3540 Nov 10 j 10:44	22°♎42'49	2°02'39
min. Earth dist.	-3540 Nov 11 j 09:29	21°♎26'54	0.66674 AU
morning rise	-3540 Nov 15 j 20:23	16°♎18'20	
direct	-3540 Nov 21 j 14:16	13°♎48'05	
morning max el	-3540 Dec 03 j 07:51	20°♎46'37	25°04'14
	-3540 Dec 11 j 07:32	0°♏	
desc. node	-3540 Dec 16 j 08:50	6°♏43'53	
	-3540 Dec 31 j 16:52	0°♐	
morning set	-3539 Jan 08 j 11:12	13°♐18'34	
max. Earth dist.	-3539 Jan 12 j 05:22	20°♐08'49	1.36949 AU
	-3539 Jan 17 j 09:35	0°♑	
superior conj	-3539 Jan 18 j 11:42	2°♑07'53	-1°-42'-20
minimum elong	-3539 Jan 18 j 14:40	2°♑22'30	1°42'14
evening rise	-3539 Jan 26 j 19:28	18°♑49'05	
asc. node	-3539 Jan 31 j 03:53	27°♑21'55	
	-3539 Feb 01 j 13:38	0°♒	
evening max el	-3539 Feb 13 j 00:29	16°♒34'29	19°31'16
retrograde	-3539 Feb 22 j 09:00	21°♒01'14	
evening set	-3539 Feb 24 j 16:20	20°♒46'16	
inferior conj	-3539 Mar 05 j 02:21	16°♒40'44	2°23'40
minimum elong	-3539 Mar 05 j 07:13	16°♒32'51	2°22'13
min. Earth dist.	-3539 Mar 07 j 18:31	14°♒57'33	0.56296 AU
morning rise	-3539 Mar 13 j 18:28	11°♒56'05	
desc. node	-3539 Mar 14 j 07:54	11°♒45'25	
direct	-3539 Mar 18 j 07:41	11°♒09'08	
morning max el	-3539 Apr 01 j 08:55	18°♒16'20	24°41'40
	-3539 Apr 11 j 01:28	0°♓	
morning set	-3539 Apr 27 j 00:11	28°♓41'56	
	-3539 Apr 27 j 15:00	0°♈	
asc. node	-3539 Apr 29 j 03:25	3°♈13'55	
superior conj	-3539 May 04 j 01:45	13°♈54'33	0°49'26
minimum elong	-3539 May 03 j 23:45	13°♈43'40	0°49'05
max. Earth dist.	-3539 May 05 j 11:52	16°♈58'55	1.33128 AU
evening rise	-3539 May 11 j 09:36	29°♈23'38	
	-3539 May 11 j 16:46	0°♉	
	-3539 May 28 j 14:24	0°♊	
desc. node	-3539 Jun 10 j 06:43	16°♊35'38	
evening max el	-3539 Jun 12 j 22:44	19°♊18'27	27°23'00
retrograde	-3539 Jun 26 j 18:15	26°♊41'24	
evening set	-3539 Jul 03 j 21:30	24°♊11'02	
min. Earth dist.	-3539 Jul 07 j 11:32	21°♊12'31	0.62708 AU
inferior conj	-3539 Jul 10 j 08:43	18°♊24'42	-4°-1'-49
minimum elong	-3539 Jul 10 j 11:58	18°♊16'47	4°01'11
morning rise	-3539 Jul 17 j 04:44	13°♊15'37	
direct	-3539 Jul 19 j 17:51	12°♊45'40	
asc. node	-3539 Jul 26 j 02:50	15°♊53'31	
morning max el	-3539 Jul 26 j 09:40	16°♊10'03	17°55'55
	-3539 Aug 05 j 03:08	0°♋	
morning set	-3539 Aug 11 j 19:14	11°♋43'07	
	-3539 Aug 22 j 06:16	0°♌	
superior conj	-3539 Aug 23 j 07:22	1°♌46'22	1°21'29
minimum elong	-3539 Aug 23 j 12:47	2°♌09'12	1°21'03
max. Earth dist.	-3539 Aug 30 j 02:37	13°♌02'11	1.43208 AU
desc. node	-3539 Sep 06 j 06:04	24°♌25'01	
evening rise	-3539 Sep 07 j 12:40	26°♌24'26	
	-3539 Sep 09 j 20:22	0°♍	
	-3539 Sep 30 j 08:50	0°♎	
greatest brilliancy	-3539 Oct 02 j 10:14	2°♎41'04	-0.4m
evening max el	-3539 Oct 07 j 16:50	8°♎49'14	21°14'57
retrograde	-3539 Oct 16 j 07:27	13°♎55'20	
evening set	-3539 Oct 20 j 08:16	12°♎23'54	
asc. node	-3539 Oct 22 j 01:50	10°♎48'40	
inferior conj	-3539 Oct 25 j 18:11	6°♎09'49	1°14'22
minimum elong	-3539 Oct 25 j 16:32	6°♎15'30	1°13'41
min. Earth dist.	-3539 Oct 26 j 03:07	5°♎39'10	0.67215 AU
	-3539 Oct 30 j 21:07	30°℞♍	
morning rise	-3539 Oct 31 j 00:27	29°♍52'44	
direct	-3539 Nov 05 j 02:59	27°♍42'46	
	-3539 Nov 11 j 01:42	0°♎	
morning max el	-3539 Nov 15 j 16:44	4°♎01'26	23°39'04
desc. node	-3539 Dec 03 j 05:50	26°♎31'43	
	-3539 Dec 05 j 14:31	0°♏	
morning set	-3539 Dec 20 j 21:37	24°♏16'52	
	-3539 Dec 24 j 05:26	0°♐	
max. Earth dist.	-3539 Dec 25 j 01:07	1°♐26'12	1.38969 AU
superior conj	-3538 Jan 01 j 11:45	14°♐58'03	-1°-53'-29
minimum elong	-3538 Jan 01 j 13:17	15°♐05'18	1°53'35
	-3538 Jan 09 j 07:31	0°♑	
evening rise	-3538 Jan 10 j 15:19	2°♑34'42	
asc. node	-3538 Jan 18 j 00:56	16°♑25'28	
evening max el	-3538 Jan 27 j 00:10	28°♑56'10	18°43'29
	-3538 Jan 28 j 04:45	0°♒	
retrograde	-3538 Feb 03 j 23:53	2°♒48'10	
evening set	-3538 Feb 06 j 10:10	2°♒28'06	
	-3538 Feb 11 j 10:38	30°℞♑	
inferior conj	-3538 Feb 14 j 03:08	28°♑04'14	3°28'45
minimum elong	-3538 Feb 14 j 07:05	27°♑56'49	3°27'57
min. Earth dist.	-3538 Feb 17 j 10:56	25°♑35'49	0.57953 AU
morning rise	-3538 Feb 22 j 00:16	22°♑51'14	
direct	-3538 Feb 27 j 18:21	21°♑29'52	
desc. node	-3538 Mar 01 j 05:02	21°♑35'01	
morning max el	-3538 Mar 14 j 00:44	28°♑57'43	26°09'54
	-3538 Mar 15 j 01:47	0°♒	
	-3538 Apr 04 j 14:13	0°♓	
morning set	-3538 Apr 11 j 11:49	13°♓42'46	
asc. node	-3538 Apr 16 j 00:26	23°♓24'44	
superior conj	-3538 Apr 18 j 13:01	28°♓55'47	0°26'10
minimum elong	-3538 Apr 18 j 11:53	28°♓49'35	0°25'55
max. Earth dist.	-3538 Apr 18 j 23:53	29°♓55'10	1.32670 AU
	-3538 Apr 19 j 00:46	0°♈	
evening rise	-3538 Apr 25 j 15:16	14°♈09'10	
	-3538 May 03 j 18:20	0°♉	
	-3538 May 24 j 13:29	0°♊	
evening max el	-3538 May 26 j 03:22	1°♊34'08	26°53'44
desc. node	-3538 May 28 j 03:47	3°♊23'30	
retrograde	-3538 Jun 09 j 03:14	8°♊53'56	
evening set	-3538 Jun 15 j 22:06	6°♊51'45	
min. Earth dist.	-3538 Jun 19 j 16:54	4°♊09'39	0.60761 AU
inferior conj	-3538 Jun 22 j 23:53	1°♊21'42	-4°-20'-36
minimum elong	-3538 Jun 23 j 01:05	1°♊19'08	4°20'27
	-3538 Jun 24 j 14:53	30°℞♉	
morning rise	-3538 Jun 30 j 07:08	26°♉34'11	
direct	-3538 Jul 02 j 18:57	26°♉09'34	
morning max el	-3538 Jul 09 j 22:18	29°♉39'41	18°06'24
	-3538 Jul 10 j 06:34	0°♊	
asc. node	-3538 Jul 12 j 23:54	3°♊08'55	
morning set	-3538 Jul 25 j 21:10	24°♊51'37	
	-3538 Jul 28 j 15:30	0°♋	
superior conj	-3538 Aug 04 j 21:46	13°♋13'44	1°41'29
minimum elong	-3538 Aug 05 j 00:54	13°♋27'40	1°41'26
max. Earth dist.	-3538 Aug 12 j 11:24	26°♋18'28	1.41563 AU
	-3538 Aug 14 j 16:39	0°♌	
evening rise	-3538 Aug 18 j 04:31	5°♌41'32	
desc. node	-3538 Aug 24 j 03:02	15°♌03'03	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3538 Sep 03 j 03:06	0°♍	
greatest brilliancy	-3538 Sep 15 j 15:58	16°♍54'52	-0.3m
evening max el	-3538 Sep 20 j 10:07	22°♍15'10	22°31'46
retrograde	-3538 Sep 30 j 02:18	27°♍59'46	
evening set	-3538 Oct 04 j 16:08	26°♍09'17	
asc. node	-3538 Oct 08 j 22:58	21°♍18'15	
inferior conj	-3538 Oct 10 j 00:42	19°♍49'52	0°22'04
minimum elong	-3538 Oct 10 j 00:12	19°♍51'38	0°21'52
min. Earth dist.	-3538 Oct 09 j 23:11	19°♍55'08	0.67446 AU
morning rise	-3538 Oct 15 j 08:09	13°♍34'26	
direct	-3538 Oct 19 j 19:44	11°♍46'27	
morning max el	-3538 Oct 29 j 04:50	17°♍20'39	22°13'12
greatest brilliancy	-3538 Nov 02 j 22:16	22°♍41'19	-0.4m
	-3538 Nov 08 j 13:03	0°♎	
desc. node	-3538 Nov 20 j 02:48	16°♎40'53	
	-3538 Nov 28 j 17:41	0°♏	
morning set	-3538 Dec 01 j 03:23	3°♏50'46	
max. Earth dist.	-3538 Dec 06 j 23:35	13°♏27'32	1.41029 AU
superior conj	-3538 Dec 14 j 17:21	26°♏50'40	-1°-54'-41
minimum elong	-3538 Dec 14 j 15:57	26°♏44'28	1°54'47
	-3538 Dec 16 j 11:38	0°♐	
evening rise	-3538 Dec 25 j 00:40	15°♐45'05	
	-3537 Jan 01 j 21:05	0°♑	
asc. node	-3537 Jan 04 j 22:00	4°♑54'45	
evening max el	-3537 Jan 10 j 06:57	11°♑43'57	18°15'48
retrograde	-3537 Jan 17 j 09:15	15°♑17'02	
evening set	-3537 Jan 19 j 22:22	14°♑50'33	
inferior conj	-3537 Jan 27 j 00:17	10°♑04'52	3°58'05
minimum elong	-3537 Jan 27 j 01:33	10°♑02'06	3°57'52
min. Earth dist.	-3537 Jan 30 j 07:58	7°♑12'20	0.59934 AU
morning rise	-3537 Feb 03 j 01:43	4°♑30'06	
direct	-3537 Feb 09 j 16:43	2°♑30'15	
desc. node	-3537 Feb 16 j 02:08	4°♑13'03	
morning max el	-3537 Feb 23 j 21:48	10°♑09'06	27°13'00
	-3537 Mar 11 j 06:17	0°♒	
morning set	-3537 Mar 26 j 21:04	28°♒34'53	
	-3537 Mar 27 j 13:24	0°♓	
max. Earth dist.	-3537 Apr 02 j 13:21	12°♓53'55	1.32547 AU
asc. node	-3537 Apr 02 j 21:25	13°♓38'03	
superior conj	-3537 Apr 03 j 00:44	13°♓56'12	0°01'27
minimum elong	-3537 Apr 03 j 00:40	13°♓55'50	0°01'24
behind sun begin	-3537 Apr 02 j 19:41	13°♓28'31	
behind sun end	-3537 Apr 03 j 05:40	14°♓23'10	
evening rise	-3537 Apr 10 j 00:46	29°♓04'01	
	-3537 Apr 10 j 11:27	0°♈	
	-3537 Apr 27 j 06:42	0°♉	
evening max el	-3537 May 08 j 01:28	13°♉05'54	25°53'13
desc. node	-3537 May 15 j 00:54	18°♉22'39	
retrograde	-3537 May 22 j 03:25	20°♉20'59	
evening set	-3537 May 28 j 01:32	18°♉56'09	
min. Earth dist.	-3537 Jun 01 j 13:55	16°♉13'19	0.58716 AU
inferior conj	-3537 Jun 04 j 21:53	13°♉46'04	-4°-15'-35
minimum elong	-3537 Jun 04 j 19:40	13°♉50'12	4°15'21
morning rise	-3537 Jun 12 j 17:40	9°♉21'04	
direct	-3537 Jun 15 j 05:12	9°♉00'43	
morning max el	-3537 Jun 23 j 05:49	12°♉48'46	18°36'47
asc. node	-3537 Jun 29 j 20:56	21°♉16'49	
	-3537 Jul 04 j 22:28	0°♊	
morning set	-3537 Jul 09 j 11:42	8°♊38'25	
superior conj	-3537 Jul 18 j 10:32	25°♊49'03	1°48'50
minimum elong	-3537 Jul 18 j 11:04	25°♊51'33	1°48'58
	-3537 Jul 20 j 16:39	0°♋	
max. Earth dist.	-3537 Jul 25 j 14:44	8°♋50'15	1.39635 AU
evening rise	-3537 Jul 29 j 20:28	16°♋07'49	

	-3537 Aug 07 j 09:36	0°♌	
desc. node	-3537 Aug 11 j 00:01	5°♌32'00	
	-3537 Aug 28 j 18:54	0°♍	
evening max el	-3537 Sep 02 j 22:52	5°♍42'39	23°52'26
retrograde	-3537 Sep 13 j 18:05	12°♍04'49	
evening set	-3537 Sep 18 j 22:22	9°♍54'44	
inferior conj	-3537 Sep 24 j 07:08	3°♍33'27	0°-31'-34
minimum elong	-3537 Sep 24 j 07:53	3°♍30'56	0°31'12
min. Earth dist.	-3537 Sep 23 j 19:19	4°♍13'39	0.67371 AU
asc. node	-3537 Sep 25 j 20:03	1°♍29'56	
	-3537 Sep 27 j 01:01	30°℞♌	
morning rise	-3537 Sep 29 j 17:34	27°♌22'36	
direct	-3537 Oct 03 j 15:42	25°♌55'31	
	-3537 Oct 11 j 03:39	0°♍	
morning max el	-3537 Oct 11 j 23:06	0°♍48'07	20°54'03
greatest brilliancy	-3537 Oct 17 j 18:28	7°♍38'36	-0.5m
	-3537 Nov 02 j 08:12	0°♎	
desc. node	-3537 Nov 06 j 23:45	7°♎05'26	
morning set	-3537 Nov 10 j 08:27	12°♎17'59	
max. Earth dist.	-3537 Nov 19 j 04:50	26°♎22'17	1.42836 AU
	-3537 Nov 21 j 10:08	0°♏	
superior conj	-3537 Nov 25 j 22:53	7°♏32'41	-1°-42'-3
minimum elong	-3537 Nov 25 j 17:38	7°♏10'36	1°41'46
evening rise	-3537 Dec 07 j 19:45	28°♏12'37	
	-3537 Dec 08 j 19:52	0°♐	
asc. node	-3537 Dec 22 j 19:03	22°♐39'28	
evening max el	-3537 Dec 24 j 18:04	24°♐50'28	18°07'56
retrograde	-3537 Dec 31 j 09:25	28°♐18'16	
evening set	-3536 Jan 03 j 01:26	27°♐44'24	
inferior conj	-3536 Jan 09 j 15:11	22°♐37'09	3°59'37
minimum elong	-3536 Jan 09 j 14:01	22°♐40'04	3°59'24
min. Earth dist.	-3536 Jan 12 j 12:57	19°♐43'59	0.61923 AU
morning rise	-3536 Jan 16 j 00:22	16°♐47'16	
direct	-3536 Jan 23 j 00:57	14°♐16'09	
desc. node	-3536 Feb 02 j 23:13	19°♐13'23	
morning max el	-3536 Feb 06 j 01:11	22°♐00'59	27°41'44
	-3536 Feb 13 j 02:38	0°♑	
	-3536 Mar 03 j 07:07	0°♒	
morning set	-3536 Mar 10 j 01:53	13°♒11'08	
max. Earth dist.	-3536 Mar 16 j 00:24	25°♒41'10	1.32772 AU
superior conj	-3536 Mar 17 j 11:16	28°♒50'00	0°-23'-51
minimum elong	-3536 Mar 17 j 12:21	28°♒55'52	0°23'43
	-3536 Mar 18 j 00:09	0°♓	
asc. node	-3536 Mar 19 j 18:26	3°♓50'03	
evening rise	-3536 Mar 24 j 12:08	14°♓01'16	
	-3536 Apr 01 j 14:36	0°♈	
evening max el	-3536 Apr 18 j 18:13	24°♈01'37	24°29'28
	-3536 Apr 27 j 10:10	0°♉	
desc. node	-3536 Apr 30 j 22:02	0°♉56'24	
retrograde	-3536 May 02 j 16:46	1°♉03'43	
evening set	-3536 May 07 j 07:54	0°♉15'19	
	-3536 May 08 j 00:44	30°℞♈	
min. Earth dist.	-3536 May 13 j 06:07	27°♈15'53	0.56875 AU
inferior conj	-3536 May 16 j 00:01	25°♈30'10	-3°-36'-14
minimum elong	-3536 May 15 j 18:31	25°♈39'02	3°35'06
morning rise	-3536 May 24 j 09:15	21°♈24'06	
direct	-3536 May 26 j 20:48	21°♈07'09	
morning max el	-3536 Jun 05 j 05:23	25°♈27'59	19°27'34
	-3536 Jun 09 j 06:26	0°♉	
asc. node	-3536 Jun 15 j 17:57	10°♉04'56	
morning set	-3536 Jun 22 j 11:11	22°♉53'59	
	-3536 Jun 26 j 00:08	0°♊	
superior conj	-3536 Jun 30 j 15:53	9°♊15'36	1°46'18
minimum elong	-3536 Jun 30 j 14:30	9°♊08'54	1°46'23

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3536 Jul 06 j 16:33	20°♊45'39	1.37696 AU	
evening rise	-3536 Jul 10 j 14:03	27°♊49'27		
	-3536 Jul 11 j 19:41	0°♋		
desc. node	-3536 Jul 27 j 21:02	25°♋46'21		
	-3536 Jul 30 j 19:31	0°♌		
evening max el	-3536 Aug 15 j 09:38	19°♌12'56	25°10'02	
retrograde	-3536 Aug 27 j 05:47	26°♌05'31		
evening set	-3536 Sep 02 j 01:07	23°♌37'29		
min. Earth dist.	-3536 Sep 06 j 13:07	18°♌32'14	0.66986 AU	
inferior conj	-3536 Sep 07 j 11:43	17°♌18'03	-1°-24'-58	
minimum elong	-3536 Sep 07 j 13:43	17°♌11'29	1°24'05	
asc. node	-3536 Sep 11 j 17:07	12°♌21'38		
morning rise	-3536 Sep 13 j 02:47	11°♌14'49		
direct	-3536 Sep 16 j 13:33	10°♌05'52		
morning max el	-3536 Sep 24 j 00:36	14°♌23'53	19°46'35	
greatest brilliancy	-3536 Oct 02 j 02:12	24°♌33'38	-0.6m	
	-3536 Oct 05 j 20:01	0°♍		
morning set	-3536 Oct 19 j 07:02	20°♍33'25		
desc. node	-3536 Oct 23 j 20:41	27°♍40'05		
	-3536 Oct 25 j 08:27	0°♎		
max. Earth dist.	-3536 Oct 31 j 16:44	10°♎00'33	1.44149 AU	
superior conj	-3536 Nov 05 j 00:54	16°♎57'31	-1°-12'-35	
minimum elong	-3536 Nov 04 j 17:46	16°♎28'45	1°11'52	
	-3536 Nov 13 j 00:03	0°♏		
evening rise	-3536 Nov 18 j 19:56	9°♏47'27		
	-3536 Dec 01 j 01:05	0°♐		
evening max el	-3536 Dec 07 j 06:43	8°♐08'30	18°19'09	
asc. node	-3536 Dec 08 j 16:07	9°♐26'16		
retrograde	-3536 Dec 13 j 19:54	11°♐42'11		
evening set	-3536 Dec 16 j 15:48	10°♐59'35		
inferior conj	-3536 Dec 22 j 19:56	5°♐32'31	3°41'36	
minimum elong	-3536 Dec 22 j 17:19	5°♐39'49	3°41'04	
min. Earth dist.	-3536 Dec 25 j 03:30	2°♐57'58	0.63698 AU	
	-3536 Dec 28 j 03:47	30°℞♏		
morning rise	-3536 Dec 28 j 17:16	29°♏31'59		
direct	-3535 Jan 04 j 17:08	26°♏43'57		
	-3535 Jan 13 j 03:36	0°♐		
morning max el	-3535 Jan 18 j 08:54	4°♐28'49	27°34'15	
desc. node	-3535 Jan 19 j 20:15	5°♐59'08		
	-3535 Feb 06 j 16:33	0°♑		
morning set	-3535 Feb 21 j 23:49	27°♑22'43		
	-3535 Feb 23 j 07:15	0°♒		
max. Earth dist.	-3535 Feb 27 j 05:00	8°♒03'09	1.33379 AU	
superior conj	-3535 Mar 01 j 18:53	13°♒31'08	0°-48'-49	
minimum elong	-3535 Mar 01 j 21:02	13°♒42'38	0°48'31	
asc. node	-3535 Mar 06 j 15:26	23°♒56'29		
evening rise	-3535 Mar 08 j 23:38	28°♒54'26		
	-3535 Mar 09 j 12:10	0°♓		
	-3535 Mar 27 j 02:38	0°♈		
evening max el	-3535 Mar 31 j 10:32	4°♈44'01	22°55'34	
retrograde	-3535 Apr 13 j 17:15	11°♈15'59		
evening set	-3535 Apr 17 j 01:15	10°♈51'42		
desc. node	-3535 Apr 17 j 19:08	10°♈39'57		
min. Earth dist.	-3535 Apr 24 j 20:34	7°♈24'11	0.55590 AU	
inferior conj	-3535 Apr 26 j 07:19	6°♈33'53	-2°-16'-2	
minimum elong	-3535 Apr 26 j 01:47	6°♈41'54	2°14'22	
morning rise	-3535 May 05 j 05:02	2°♈37'00		
direct	-3535 May 07 j 18:47	2°♈21'16		
morning max el	-3535 May 18 j 18:44	7°♈28'55	20°38'23	
asc. node	-3535 Jun 02 j 14:58	29°♈23'46		
	-3535 Jun 02 j 22:28	0°♉		
morning set	-3535 Jun 06 j 16:57	7°♉31'33		
superior conj	-3535 Jun 14 j 09:07	23°♉20'11	1°36'25	
minimum elong	-3535 Jun 14 j 06:44	23°♉07'59	1°36'18	

	-3535 Jun 17 j 16:39	0°♊		
max. Earth dist.	-3535 Jun 18 j 23:40	2°♊32'34	1.35973 AU	
evening rise	-3535 Jun 23 j 05:04	10°♊36'15		
	-3535 Jul 04 j 09:02	0°♋		
desc. node	-3535 Jul 14 j 18:05	15°♋39'30		
	-3535 Jul 26 j 04:31	0°♌		
evening max el	-3535 Jul 28 j 20:43	2°♌45'15	26°16'26	
retrograde	-3535 Aug 10 j 12:44	9°♌57'00		
evening set	-3535 Aug 16 j 22:23	7°♌15'37		
min. Earth dist.	-3535 Aug 21 j 02:11	2°♌48'27	0.66269 AU	
inferior conj	-3535 Aug 22 j 12:39	1°♌01'35	-2°-16'-20	
minimum elong	-3535 Aug 22 j 15:45	0°♌52'00	2°15'08	
	-3535 Aug 23 j 08:40	30°℞♋		
morning rise	-3535 Aug 28 j 09:56	25°♋09'17		
asc. node	-3535 Aug 29 j 14:11	24°♋35'46		
direct	-3535 Aug 31 j 11:44	24°♋15'08		
morning max el	-3535 Sep 07 j 08:38	28°♋06'53	18°53'49	
	-3535 Sep 09 j 01:49	0°♌		
morning set	-3535 Sep 28 j 22:13	29°♌42'07		
	-3535 Sep 29 j 02:44	0°♍		
desc. node	-3535 Oct 10 j 17:38	18°♍21'22		
max. Earth dist.	-3535 Oct 14 j 09:28	24°♍07'16	1.44804 AU	
superior conj	-3535 Oct 15 j 05:04	25°♍24'31	0°-28'-13	
minimum elong	-3535 Oct 15 j 01:24	25°♍10'03	0°27'45	
	-3535 Oct 18 j 02:52	0°♎		
evening rise	-3535 Oct 30 j 20:57	20°♎21'54		
	-3535 Nov 05 j 20:01	0°♏		
evening max el	-3535 Nov 20 j 18:18	21°♏33'03	18°48'21	
asc. node	-3535 Nov 25 j 13:11	25°♏00'31		
retrograde	-3535 Nov 27 j 12:55	25°♏22'23		
evening set	-3535 Nov 30 j 14:16	24°♏29'09		
inferior conj	-3535 Dec 06 j 10:58	18°♏44'40	3°10'17	
minimum elong	-3535 Dec 06 j 07:51	18°♏54'10	3°09'24	
min. Earth dist.	-3535 Dec 08 j 03:45	16°♏40'39	0.65140 AU	
morning rise	-3535 Dec 12 j 00:22	12°♏36'23		
direct	-3535 Dec 18 j 15:51	9°♏46'39		
morning max el	-3535 Dec 31 j 18:21	17°♏22'32	26°54'20	
desc. node	-3534 Jan 06 j 17:16	24°♏00'12		
	-3534 Jan 11 j 09:24	0°♐		
	-3534 Jan 30 j 13:04	0°♑		
morning set	-3534 Feb 05 j 11:34	10°♑58'47		
max. Earth dist.	-3534 Feb 09 j 23:45	19°♑51'13	1.34422 AU	
superior conj	-3534 Feb 13 j 21:31	27°♑52'25	-1°-12'-17	
minimum elong	-3534 Feb 14 j 00:28	28°♑07'50	1°11'57	
	-3534 Feb 14 j 21:56	0°♒		
evening rise	-3534 Feb 21 j 09:29	13°♒37'04		
asc. node	-3534 Feb 21 j 12:28	13°♒52'33		
	-3534 Mar 01 j 20:46	0°♓		
evening max el	-3534 Mar 13 j 08:29	15°♓38'46	21°24'57	
retrograde	-3534 Mar 25 j 07:42	21°♓23'56		
evening set	-3534 Mar 27 j 20:21	21°♓09'25		
desc. node	-3534 Apr 04 j 16:15	17°♓58'24		
inferior conj	-3534 Apr 06 j 03:15	17°♓09'29	0°-24'-22	
minimum elong	-3534 Apr 06 j 02:07	17°♓11'06	0°24'02	
min. Earth dist.	-3534 Apr 06 j 10:26	16°♓59'23	0.55142 AU	
morning rise	-3534 Apr 15 j 07:49	13°♓06'11		
direct	-3534 Apr 18 j 07:15	12°♓46'46		
morning max el	-3534 Apr 30 j 21:07	18°♓47'18	22°06'36	
	-3534 May 09 j 22:32	0°♈		
asc. node	-3534 May 20 j 12:00	19°♈04'43		
morning set	-3534 May 22 j 02:41	22°♈23'35		
	-3534 May 25 j 17:30	0°♉		
superior conj	-3534 May 29 j 10:35	7°♉50'58	1°21'07	
minimum elong	-3534 May 29 j 07:55	7°♉36'57	1°20'50	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3534 Jun 01 j 16:20	14°♉34'41	1.34581 AU
evening rise	-3534 Jun 06 j 12:01	24°♉11'58	
	-3534 Jun 09 j 13:16	0°♊	
	-3534 Jun 27 j 22:12	0°♋	
desc. node	-3534 Jul 01 j 15:08	5°♋01'35	
evening max el	-3534 Jul 11 j 08:19	16°♋11'11	27°03'41
retrograde	-3534 Jul 24 j 14:20	23°♋31'56	
evening set	-3534 Jul 31 j 11:39	20°♋45'08	
min. Earth dist.	-3534 Aug 04 j 08:03	16°♋56'29	0.65184 AU
inferior conj	-3534 Aug 06 j 07:48	14°♋39'46	-3°-3'-33
minimum elong	-3534 Aug 06 j 11:35	14°♋28'54	3°02'20
morning rise	-3534 Aug 12 j 12:49	9°♋01'53	
direct	-3534 Aug 15 j 07:59	8°♋19'17	
asc. node	-3534 Aug 16 j 11:17	8°♋26'18	
morning max el	-3534 Aug 21 j 21:22	11°♋53'23	18°17'29
	-3534 Sep 03 j 12:34	0°♌	
morning set	-3534 Sep 09 j 16:35	10°♌10'26	
	-3534 Sep 21 j 21:07	0°♍	
superior conj	-3534 Sep 24 j 06:16	3°♍47'44	0°21'16
minimum elong	-3534 Sep 24 j 08:55	3°♍58'15	0°20'59
max. Earth dist.	-3534 Sep 27 j 04:02	8°♍24'07	1.44724 AU
desc. node	-3534 Sep 27 j 14:37	9°♍05'54	
evening rise	-3534 Oct 10 j 21:26	29°♍54'33	
	-3534 Oct 10 j 22:50	0°♎	
greatest brilliancy	-3534 Oct 26 j 11:45	23°♎50'42	-0.7m
	-3534 Oct 30 j 21:29	0°♏	
evening max el	-3534 Nov 04 j 02:25	5°♏00'04	19°34'10
retrograde	-3534 Nov 11 j 09:22	9°♏13'46	
asc. node	-3534 Nov 12 j 10:16	9°♏07'33	
evening set	-3534 Nov 14 j 18:07	8°♏07'37	
inferior conj	-3534 Nov 20 j 09:18	2°♏08'47	2°29'52
minimum elong	-3534 Nov 20 j 06:23	2°♏18'15	2°28'52
min. Earth dist.	-3534 Nov 21 j 12:28	0°♏40'33	0.66212 AU
	-3534 Nov 22 j 01:08	30°℞♎	
morning rise	-3534 Nov 25 j 17:56	25°♎55'02	
direct	-3534 Dec 01 j 20:20	23°♎15'35	
	-3534 Dec 13 j 15:08	0°♏	
morning max el	-3534 Dec 14 j 03:43	0°♏31'10	25°49'27
desc. node	-3534 Dec 24 j 14:18	12°♏54'24	
	-3533 Jan 05 j 08:37	0°♐	
morning set	-3533 Jan 19 j 08:47	23°♐46'26	
	-3533 Jan 22 j 16:40	0°♑	
max. Earth dist.	-3533 Jan 23 j 07:05	1°♑08'52	1.35914 AU
superior conj	-3533 Jan 28 j 16:38	11°♑46'13	-1°-32'-42
minimum elong	-3533 Jan 28 j 19:51	12°♑02'26	1°32'30
evening rise	-3533 Feb 05 j 15:46	28°♑03'02	
	-3533 Feb 06 j 14:50	0°♒	
asc. node	-3533 Feb 08 j 09:30	3°♒33'18	
evening max el	-3533 Feb 23 j 16:11	27°♒04'35	20°07'32
	-3533 Feb 27 j 10:04	0°♓	
retrograde	-3533 Mar 05 j 23:21	1°♓58'18	
evening set	-3533 Mar 08 j 06:13	1°♓44'53	
	-3533 Mar 13 j 02:21	30°℞♒	
inferior conj	-3533 Mar 17 j 01:37	27°♒45'11	1°29'19
minimum elong	-3533 Mar 17 j 05:17	27°♒39'38	1°28'03
min. Earth dist.	-3533 Mar 19 j 00:28	26°♒34'49	0.55631 AU
desc. node	-3533 Mar 22 j 13:21	24°♒39'13	
morning rise	-3533 Mar 26 j 01:43	23°♒18'21	
direct	-3533 Mar 29 j 22:17	22°♒45'45	
morning max el	-3533 Apr 12 j 15:07	29°♒32'34	23°45'07
	-3533 Apr 13 j 02:29	0°♓	
	-3533 May 02 j 23:35	0°♈	
morning set	-3533 May 06 j 14:31	7°♈23'54	
asc. node	-3533 May 07 j 09:03	9°♈01'26	
superior conj	-3533 May 13 j 17:32	22°♈39'18	1°01'52
minimum elong	-3533 May 13 j 15:09	22°♈26'34	1°01'30
max. Earth dist.	-3533 May 15 j 18:33	27°♈01'14	1.33556 AU
	-3533 May 17 j 04:25	0°♉	
evening rise	-3533 May 21 j 06:25	8°♉23'08	
	-3533 Jun 02 j 00:20	0°♊	
desc. node	-3533 Jun 18 j 12:12	23°♊39'30	
evening max el	-3533 Jun 23 j 18:52	29°♊18'44	27°24'41
	-3533 Jun 24 j 12:23	0°♋	
retrograde	-3533 Jul 07 j 10:13	6°♋42'09	
evening set	-3533 Jul 14 j 13:49	4°♋01'27	
min. Earth dist.	-3533 Jul 18 j 04:49	0°♋47'29	0.63717 AU
	-3533 Jul 18 j 23:26	30°℞♊	
inferior conj	-3533 Jul 20 j 18:34	28°♊07'32	-3°-43'-39
minimum elong	-3533 Jul 20 j 22:21	27°♊57'44	3°42'44
morning rise	-3533 Jul 27 j 08:46	22°♊47'21	
direct	-3533 Jul 29 j 23:31	22°♊13'29	
asc. node	-3533 Aug 03 j 08:24	23°♊47'53	
morning max el	-3533 Aug 05 j 12:18	25°♊38'36	17°58'35
	-3533 Aug 09 j 03:59	0°♋	
morning set	-3533 Aug 22 j 12:42	21°♋52'02	
	-3533 Aug 27 j 06:03	0°♌	
superior conj	-3533 Sep 04 j 01:54	13°♌07'28	1°03'25
minimum elong	-3533 Sep 04 j 07:35	13°♌30'48	1°02'51
max. Earth dist.	-3533 Sep 09 j 20:31	22°♌29'40	1.43935 AU
desc. node	-3533 Sep 14 j 11:35	29°♌50'15	
	-3533 Sep 14 j 14:04	0°♍	
evening rise	-3533 Sep 20 j 04:17	8°♍42'53	
	-3533 Oct 04 j 06:06	0°♎	
greatest brilliancy	-3533 Oct 12 j 01:54	11°♎03'30	-0.5m
evening max el	-3533 Oct 18 j 05:07	18°♎26'07	20°34'40
retrograde	-3533 Oct 26 j 06:45	23°♎11'53	
evening set	-3533 Oct 30 j 01:02	21°♎50'20	
asc. node	-3533 Oct 30 j 07:23	21°♎38'25	
inferior conj	-3533 Nov 04 j 12:23	15°♎40'35	1°43'13
minimum elong	-3533 Nov 04 j 10:11	15°♎48'04	1°42'20
min. Earth dist.	-3533 Nov 05 j 03:34	14°♎49'11	0.66936 AU
morning rise	-3533 Nov 09 j 18:52	9°♎23'49	
direct	-3533 Nov 15 j 06:07	7°♎02'03	
morning max el	-3533 Nov 26 j 12:28	13°♎44'56	24°28'48
	-3533 Dec 09 j 17:48	0°♏	
desc. node	-3533 Dec 11 j 11:18	2°♏25'29	
	-3533 Dec 29 j 05:06	0°♐	
morning set	-3532 Jan 01 j 09:41	5°♐29'02	
max. Earth dist.	-3532 Jan 05 j 05:07	12°♐15'44	1.37783 AU
superior conj	-3532 Jan 12 j 00:47	25°♐02'03	-1°-48'-3
minimum elong	-3532 Jan 12 j 03:19	25°♐14'19	1°48'03
	-3532 Jan 14 j 13:58	0°♑	
evening rise	-3532 Jan 20 j 16:10	12°♑04'53	
asc. node	-3532 Jan 26 j 06:33	22°♑52'09	
	-3532 Jan 30 j 09:37	0°♒	
evening max el	-3532 Feb 06 j 10:23	9°♒06'17	19°08'26
retrograde	-3532 Feb 15 j 03:58	13°♒16'48	
evening set	-3532 Feb 17 j 12:14	13°♒00'01	
inferior conj	-3532 Feb 25 j 14:54	8°♒47'16	2°55'55
minimum elong	-3532 Feb 25 j 19:45	8°♒38'53	2°54'41
min. Earth dist.	-3532 Feb 28 j 15:46	6°♒42'43	0.56937 AU
morning rise	-3532 Mar 04 j 23:25	3°♒49'34	
desc. node	-3532 Mar 08 j 10:28	2°♒55'36	
direct	-3532 Mar 10 j 01:03	2°♒49'27	
morning max el	-3532 Mar 24 j 06:06	10°♒07'28	25°21'28
	-3532 Apr 08 j 06:27	0°♓	
morning set	-3532 Apr 20 j 02:42	22°♓26'08	
asc. node	-3532 Apr 23 j 06:05	29°♓08'17	
	-3532 Apr 23 j 15:39	0°♈	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3532 Apr 27 j 03:45	7°♈37'40	0°39'47
minimum elong	-3532 Apr 27 j 02:05	7°♈28'35	0°39'28
max. Earth dist.	-3532 Apr 28 j 03:47	9°♈48'21	1.32888 AU
evening rise	-3532 May 04 j 08:45	22°♈58'32	
	-3532 May 07 j 20:53	0°♉	
	-3532 May 25 j 21:54	0°♊	
desc. node	-3532 Jun 04 j 09:17	11°♊14'51	
evening max el	-3532 Jun 05 j 02:11	11°♊55'58	27°14'31
retrograde	-3532 Jun 18 j 23:54	19°♊18'33	
evening set	-3532 Jun 26 j 01:04	16°♊58'15	
min. Earth dist.	-3532 Jun 29 j 15:42	14°♊08'54	0.61903 AU
inferior conj	-3532 Jul 02 j 17:56	11°♊18'20	-4°-12'-6
minimum elong	-3532 Jul 02 j 20:30	11°♊12'23	4°11'43
morning rise	-3532 Jul 09 j 18:38	6°♊18'33	
direct	-3532 Jul 12 j 06:55	5°♊51'10	
morning max el	-3532 Jul 19 j 02:40	9°♊16'39	17°58'02
asc. node	-3532 Jul 20 j 05:30	10°♊26'34	
	-3532 Aug 01 j 17:02	0°♋	
morning set	-3532 Aug 04 j 05:20	4°♋33'01	
superior conj	-3532 Aug 15 j 01:07	23°♋49'42	1°31'40
minimum elong	-3532 Aug 15 j 05:43	24°♋09'34	1°31'25
	-3532 Aug 18 j 15:58	0°♌	
max. Earth dist.	-3532 Aug 22 j 08:02	6°♌06'15	1.42551 AU
evening rise	-3532 Aug 29 j 11:13	17°♌34'17	
desc. node	-3532 Aug 31 j 08:33	20°♌31'45	
	-3532 Sep 06 j 12:48	0°♍	
greatest brilliancy	-3532 Sep 25 j 04:26	26°♍17'05	-0.4m
	-3532 Sep 28 j 07:51	0°♎	
evening max el	-3532 Sep 30 j 01:40	1°♎51'40	21°46'46
retrograde	-3532 Oct 09 j 03:02	7°♎14'36	
evening set	-3532 Oct 13 j 09:04	5°♎35'20	
asc. node	-3532 Oct 16 j 04:29	2°♎43'06	
	-3532 Oct 18 j 06:08	30°℞♍	
inferior conj	-3532 Oct 18 j 18:13	29°♍18'21	0°52'28
minimum elong	-3532 Oct 18 j 17:01	29°♍22'28	0°51'58
min. Earth dist.	-3532 Oct 18 j 22:38	29°♍03'04	0.67344 AU
morning rise	-3532 Oct 24 j 00:43	23°♍01'21	
direct	-3532 Oct 28 j 20:40	21°♍00'45	
morning max el	-3532 Nov 07 j 22:21	27°♍01'18	23°02'06
	-3532 Nov 10 j 16:32	0°♎	
greatest brilliancy	-3532 Nov 12 j 20:56	2°♎34'34	-0.3m
desc. node	-3532 Nov 27 j 08:17	22°♎22'58	
	-3532 Dec 02 j 09:35	0°♏	
morning set	-3532 Dec 12 j 08:11	15°♏51'30	
max. Earth dist.	-3532 Dec 17 j 00:40	23°♏46'31	1.39853 AU
	-3532 Dec 20 j 14:09	0°♐	
superior conj	-3532 Dec 24 j 17:35	7°♐28'45	-1°-55'-27
minimum elong	-3532 Dec 24 j 18:04	7°♐30'58	1°55'35
evening rise	-3531 Jan 03 j 07:56	25°♐35'47	
	-3531 Jan 05 j 15:25	0°♑	
asc. node	-3531 Jan 12 j 03:34	11°♑41'55	
evening max el	-3531 Jan 19 j 13:25	21°♑39'45	18°29'18
retrograde	-3531 Jan 27 j 02:45	25°♑21'48	
evening set	-3531 Jan 29 j 14:11	24°♑59'13	
inferior conj	-3531 Feb 06 j 00:28	20°♑26'36	3°45'08
minimum elong	-3531 Feb 06 j 03:21	20°♑20'50	3°44'39
min. Earth dist.	-3531 Feb 09 j 10:01	17°♑44'38	0.58775 AU
morning rise	-3531 Feb 13 j 12:56	15°♑03'11	
direct	-3531 Feb 19 j 17:17	13°♑24'53	
desc. node	-3531 Feb 23 j 07:34	13°♑57'17	
morning max el	-3531 Mar 05 j 23:46	20°♑59'08	26°40'26
	-3531 Mar 13 j 19:37	0°♒	
	-3531 Mar 31 j 22:20	0°♓	
morning set	-3531 Apr 04 j 13:30	7°♓23'42	
asc. node	-3531 Apr 10 j 03:04	19°♓20'26	

superior conj	-3531 Apr 11 j 15:24	22°♓39'12	0°15'48
minimum elong	-3531 Apr 11 j 14:42	22°♓35'23	0°15'38
behind sun begin	-3531 Apr 11 j 14:05	22°♓32'02	
behind sun end	-3531 Apr 11 j 15:18	22°♓38'43	
max. Earth dist.	-3531 Apr 11 j 16:40	22°♓46'07	1.32571 AU
	-3531 Apr 15 j 00:13	0°♈	
evening rise	-3531 Apr 18 j 16:16	7°♈48'42	
	-3531 Apr 30 j 09:02	0°♉	
evening max el	-3531 May 18 j 04:09	23°♉53'04	26°31'35
desc. node	-3531 May 22 j 06:24	27°♉20'45	
	-3531 May 26 j 19:28	0°♊	
retrograde	-3531 Jun 01 j 05:46	1°♊11'54	
	-3531 Jun 06 j 12:48	30°℞♉	
evening set	-3531 Jun 07 j 17:03	29°♉25'05	
min. Earth dist.	-3531 Jun 11 j 17:27	26°♉44'35	0.59880 AU
inferior conj	-3531 Jun 15 j 02:14	24°♉02'38	-4°-22'-2
minimum elong	-3531 Jun 15 j 02:07	24°♉02'53	4°21'57
morning rise	-3531 Jun 22 j 14:40	19°♉24'43	
direct	-3531 Jun 25 j 02:06	19°♉02'09	
morning max el	-3531 Jul 02 j 13:30	22°♉38'43	18°16'49
asc. node	-3531 Jul 07 j 02:32	28°♉05'52	
	-3531 Jul 08 j 09:29	0°♊	
morning set	-3531 Jul 18 j 13:09	17°♊58'59	
	-3531 Jul 24 j 22:10	0°♋	
superior conj	-3531 Jul 28 j 01:44	5°♋47'44	1°45'59
minimum elong	-3531 Jul 28 j 03:43	5°♋56'45	1°46'02
max. Earth dist.	-3531 Aug 04 j 13:51	19°♋02'05	1.40761 AU
evening rise	-3531 Aug 09 j 12:32	27°♋18'29	
	-3531 Aug 11 j 04:12	0°♌	
desc. node	-3531 Aug 18 j 05:33	11°♌06'25	
	-3531 Aug 31 j 04:59	0°♍	
greatest brilliancy	-3531 Sep 07 j 07:45	9°♍15'56	-0.2m
evening max el	-3531 Sep 12 j 16:47	15°♍17'56	23°06'02
retrograde	-3531 Sep 22 j 20:41	21°♍19'04	
evening set	-3531 Sep 27 j 16:24	19°♍20'29	
inferior conj	-3531 Oct 03 j 00:53	12°♍59'55	0°00'-35
minimum elong	-3531 Oct 03 j 00:54	12°♍59'52	0°00'34
transit middle	-3531 Oct 03 j 00:54	12°♍59'52	0°00'34
transit begin	-3531 Oct 02 j 22:12	13°♍09'10	
transit end	-3531 Oct 03 j 03:36	12°♍50'35	
min. Earth dist.	-3531 Oct 02 j 19:06	13°♍19'50	0.67452 AU
asc. node	-3531 Oct 03 j 01:35	12°♍57'31	
morning rise	-3531 Oct 08 j 09:22	6°♍45'49	
direct	-3531 Oct 12 j 15:04	5°♍06'45	
morning max el	-3531 Oct 21 j 12:37	10°♍22'44	21°38'14
greatest brilliancy	-3531 Oct 26 j 13:50	16°♍10'26	-0.4m
	-3531 Nov 05 j 16:45	0°♎	
desc. node	-3531 Nov 14 j 05:15	12°♎39'03	
morning set	-3531 Nov 22 j 02:01	24°♎51'47	
	-3531 Nov 25 j 07:04	0°♏	
max. Earth dist.	-3531 Nov 29 j 01:17	6°♏08'33	1.41844 AU
superior conj	-3531 Dec 06 j 13:36	18°♏52'44	-1°-51'-15
minimum elong	-3531 Dec 06 j 10:35	18°♏39'37	1°51'14
	-3531 Dec 12 j 20:04	0°♐	
evening rise	-3531 Dec 17 j 11:39	8°♐28'20	
asc. node	-3531 Dec 30 j 00:36	29°♐53'30	
	-3531 Dec 30 j 02:28	0°♑	
evening max el	-3530 Jan 02 j 22:28	4°♑36'47	18°10'10
retrograde	-3530 Jan 09 j 18:45	8°♑05'42	
evening set	-3530 Jan 12 j 09:10	7°♑36'06	
inferior conj	-3530 Jan 19 j 05:35	2°♑41'18	4°01'35
minimum elong	-3530 Jan 19 j 05:43	2°♑40'59	4°01'26
	-3530 Jan 22 j 03:34	30°℞♐	
min. Earth dist.	-3530 Jan 22 j 09:59	29°♐45'46	0.60795 AU
morning rise	-3530 Jan 25 j 23:36	26°♐59'46	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3530 Feb 01 j 20:19	24°♐44'57		
desc. node	-3530 Feb 10 j 04:38	27°♐40'09		
	-3530 Feb 13 j 07:00	0°♑		
morning max el	-3530 Feb 15 j 23:20	2°♑26'36	27°29'41	
	-3530 Mar 08 j 03:08	0°♒		
morning set	-3530 Mar 19 j 21:08	22°♒10'11		
	-3530 Mar 23 j 14:21	0°♓		
max. Earth dist.	-3530 Mar 26 j 05:33	5°♓41'58	1.32598 AU	
superior conj	-3530 Mar 27 j 02:50	7°♓38'01	0°-9'-15	
minimum elong	-3530 Mar 27 j 03:15	7°♓40'18	0°09'13	
behind sun begin	-3530 Mar 26 j 23:07	7°♓17'47		
behind sun end	-3530 Mar 27 j 07:22	8°♓02'50		
asc. node	-3530 Mar 28 j 00:03	9°♓33'57		
evening rise	-3530 Apr 03 j 02:49	22°♓46'03		
	-3530 Apr 06 j 15:24	0°♈		
	-3530 Apr 25 j 05:37	0°♉		
evening max el	-3530 Apr 29 j 23:54	5°♉09'03	25°19'52	
desc. node	-3530 May 09 j 03:29	11°♉23'00		
retrograde	-3530 May 14 j 01:23	12°♉19'21		
evening set	-3530 May 19 j 11:06	11°♉11'09		
min. Earth dist.	-3530 May 24 j 12:11	8°♉22'47	0.57892 AU	
inferior conj	-3530 May 27 j 16:04	6°♉11'17	-4°-3'-44	
minimum elong	-3530 May 27 j 12:16	6°♉17'54	4°03'12	
morning rise	-3530 Jun 04 j 17:27	1°♉54'36		
direct	-3530 Jun 07 j 04:59	1°♉35'46		
morning max el	-3530 Jun 15 j 17:53	5°♉36'03	18°55'47	
asc. node	-3530 Jun 23 j 23:34	16°♉32'21		
	-3530 Jul 01 j 07:31	0°♊		
morning set	-3530 Jul 02 j 07:55	1°♊59'17		
superior conj	-3530 Jul 10 j 22:12	18°♊46'28	1°48'48	
minimum elong	-3530 Jul 10 j 21:49	18°♊44'39	1°48'56	
	-3530 Jul 16 j 23:01	0°♋		
max. Earth dist.	-3530 Jul 17 j 16:10	1°♋17'15	1.38807 AU	
evening rise	-3530 Jul 21 j 15:46	8°♋17'41		
	-3530 Aug 04 j 02:39	0°♌		
desc. node	-3530 Aug 05 j 02:33	1°♌29'46		
evening max el	-3530 Aug 26 j 04:34	28°♌46'59	24°26'17	
	-3530 Aug 27 j 10:58	0°♍		
retrograde	-3530 Sep 06 j 10:38	5°♍22'26		
evening set	-3530 Sep 11 j 21:22	3°♍04'30		
	-3530 Sep 14 j 18:50	30°℞♌		
min. Earth dist.	-3530 Sep 16 j 14:30	27°♌38'22	0.67255 AU	
inferior conj	-3530 Sep 17 j 06:44	26°♌43'51	0°-54'-20	
minimum elong	-3530 Sep 17 j 08:01	26°♌39'32	0°53'45	
asc. node	-3530 Sep 19 j 22:40	23°♌19'10		
morning rise	-3530 Sep 22 j 18:56	20°♌35'52		
direct	-3530 Sep 26 j 12:04	19°♌16'42		
morning max el	-3530 Oct 04 j 09:50	23°♌53'03	20°23'38	
	-3530 Oct 09 j 14:29	0°♍		
greatest brilliancy	-3530 Oct 11 j 00:03	1°♍51'06	-0.6m	
	-3530 Oct 30 j 01:29	0°♎		
morning set	-3530 Nov 01 j 01:19	3°♎04'46		
desc. node	-3530 Nov 01 j 02:12	3°♎08'13		
max. Earth dist.	-3530 Nov 11 j 09:55	19°♎24'47	1.43472 AU	
superior conj	-3530 Nov 17 j 07:31	29°♎01'29	-1°-31'-39	
minimum elong	-3530 Nov 17 j 00:58	28°♎34'29	1°31'09	
	-3530 Nov 17 j 21:40	0°♏		
evening rise	-3530 Nov 29 j 23:13	20°♏34'07		
	-3530 Dec 05 j 09:21	0°♐		
asc. node	-3530 Dec 16 j 21:39	17°♐15'02		
evening max el	-3530 Dec 17 j 10:34	17°♐48'38	18°10'27	
retrograde	-3530 Dec 23 j 23:51	21°♐17'31		
evening set	-3530 Dec 26 j 17:29	20°♐39'57		
inferior conj	-3529 Jan 02 j 02:47	15°♐23'47	3°53'56	
minimum elong	-3529 Jan 02 j 00:53	15°♐28'47	3°53'36	
min. Earth dist.	-3529 Jan 04 j 18:40	12°♐36'57	0.62713 AU	
morning rise	-3529 Jan 08 j 06:26	9°♐29'10		
direct	-3529 Jan 15 j 07:50	6°♐49'15		
desc. node	-3529 Jan 28 j 01:41	13°♐29'10		
morning max el	-3529 Jan 29 j 04:46	14°♐34'03	27°43'01	
	-3529 Feb 10 j 18:44	0°♑		
	-3529 Feb 28 j 14:58	0°♒		
morning set	-3529 Mar 03 j 23:21	6°♒36'40		
max. Earth dist.	-3529 Mar 09 j 14:30	18°♒20'37	1.32983 AU	
superior conj	-3529 Mar 11 j 12:19	22°♒26'49	0°-34'-32	
minimum elong	-3529 Mar 11 j 13:52	22°♒35'12	0°34'19	
asc. node	-3529 Mar 14 j 21:02	29°♒43'50		
	-3529 Mar 15 j 00:01	0°♓		
evening rise	-3529 Mar 18 j 14:28	7°♓42'16		
	-3529 Mar 30 j 09:44	0°♈		
evening max el	-3529 Apr 11 j 15:41	15°♈55'22	23°49'54	
retrograde	-3529 Apr 25 j 08:52	22°♈46'37		
desc. node	-3529 Apr 26 j 00:34	22°♈45'38		
evening set	-3529 Apr 29 j 10:23	22°♈10'09		
min. Earth dist.	-3529 May 06 j 02:59	19°♈00'27	0.56249 AU	
inferior conj	-3529 May 08 j 09:41	17°♈37'08	-3°-7'-11	
minimum elong	-3529 May 08 j 03:36	17°♈46'27	3°05'39	
morning rise	-3529 May 17 j 00:35	13°♈36'45		
direct	-3529 May 19 j 12:52	13°♈20'33		
morning max el	-3529 May 29 j 13:15	17°♈59'15	19°55'19	
	-3529 Jun 07 j 16:29	0°♉		
asc. node	-3529 Jun 10 j 20:36	5°♉34'24		
morning set	-3529 Jun 16 j 10:23	16°♉25'05		
	-3529 Jun 23 j 03:04	0°♊		
superior conj	-3529 Jun 24 j 09:08	2°♊30'35	1°42'53	
minimum elong	-3529 Jun 24 j 07:13	2°♊21'05	1°42'53	
max. Earth dist.	-3529 Jun 29 j 19:49	13°♊06'47	1.36932 AU	
evening rise	-3529 Jul 03 j 19:06	20°♊28'18		
	-3529 Jul 09 j 05:17	0°♋		
desc. node	-3529 Jul 22 j 23:35	21°♋36'02		
	-3529 Jul 29 j 01:52	0°♌		
evening max el	-3529 Aug 08 j 15:19	12°♌18'38	25°40'04	
retrograde	-3529 Aug 20 j 20:19	19°♌20'19		
evening set	-3529 Aug 26 j 22:05	16°♌45'37		
min. Earth dist.	-3529 Aug 31 j 06:27	11°♌56'41	0.66728 AU	
inferior conj	-3529 Sep 01 j 10:01	10°♌28'15	-1°-47'-8	
minimum elong	-3529 Sep 01 j 12:30	10°♌20'15	1°46'04	
asc. node	-3529 Sep 06 j 19:46	4°♌42'26		
morning rise	-3529 Sep 07 j 03:34	4°♌29'33		
direct	-3529 Sep 10 j 10:16	3°♌27'20		
morning max el	-3529 Sep 17 j 14:25	7°♌32'46	19°22'16	
greatest brilliancy	-3529 Sep 27 j 11:41	20°♌30'48	-0.7m	
	-3529 Oct 03 j 17:24	0°♍		
morning set	-3529 Oct 11 j 04:48	11°♍37'37		
desc. node	-3529 Oct 18 j 23:10	23°♍46'24		
	-3529 Oct 22 j 22:14	0°♎		
max. Earth dist.	-3529 Oct 25 j 00:50	3°♎19'46	1.44515 AU	
superior conj	-3529 Oct 27 j 22:46	7°♎57'13	0°-55'-11	
minimum elong	-3529 Oct 27 j 16:23	7°♎31'50	0°54'27	
	-3529 Nov 10 j 12:47	0°♏		
evening rise	-3529 Nov 11 j 14:07	1°♏44'53		
	-3529 Nov 29 j 21:16	0°♐		
evening max el	-3529 Nov 30 j 23:02	1°♐09'48	18°29'22	
asc. node	-3529 Dec 03 j 18:44	3°♐33'01		
retrograde	-3529 Dec 07 j 13:43	4°♐49'19		
evening set	-3529 Dec 10 j 11:41	4°♐02'27		
	-3529 Dec 15 j 03:55	30°℞♏		
inferior conj	-3529 Dec 16 j 12:22	28°♏27'20	3°29'39	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3529 Dec 16 j 09:26	28°♏35'52	3°28'58
min. Earth dist.	-3529 Dec 18 j 13:29	26°♏04'54	0.64352 AU
morning rise	-3529 Dec 22 j 05:53	22°♏23'00	
direct	-3529 Dec 29 j 02:44	19°♏32'50	
morning max el	-3528 Jan 11 j 13:49	27°♏15'17	27°20'56
	-3528 Jan 14 j 04:43	0°♐	
desc. node	-3528 Jan 14 j 22:44	0°♐50'12	
	-3528 Feb 04 j 10:00	0°♑	
morning set	-3528 Feb 15 j 17:24	20°♑34'18	
	-3528 Feb 20 j 09:49	0°♒	
max. Earth dist.	-3528 Feb 20 j 15:30	0°♒29'21	1.33770 AU
superior conj	-3528 Feb 23 j 18:03	6°♒59'44	0°-59'-2
minimum elong	-3528 Feb 23 j 20:36	7°♒13'12	0°58'42
asc. node	-3528 Feb 29 j 18:03	19°♒45'59	
evening rise	-3528 Mar 02 j 01:28	22°♒31'17	
	-3528 Mar 05 j 17:23	0°♓	
evening max el	-3528 Mar 23 j 09:27	26°♓38'34	22°15'49
	-3528 Mar 27 j 12:53	0°♈	
retrograde	-3528 Apr 05 j 04:39	2°♈52'54	
evening set	-3528 Apr 08 j 02:33	2°♈34'10	
desc. node	-3528 Apr 11 j 21:41	1°♈19'15	
	-3528 Apr 14 j 14:35	30°℞♓	
min. Earth dist.	-3528 Apr 16 j 16:53	28°♓50'30	0.55285 AU
inferior conj	-3528 Apr 17 j 10:40	28°♓25'21	-1°-31'-4
minimum elong	-3528 Apr 17 j 06:36	28°♓31'07	1°29'44
morning rise	-3528 Apr 26 j 12:26	24°♓28'18	
direct	-3528 Apr 29 j 04:50	24°♓11'58	
morning max el	-3528 May 10 j 21:55	29°♓41'47	21°14'11
	-3528 May 11 j 05:38	0°♈	
asc. node	-3528 May 27 j 17:37	25°♈03'10	
	-3528 May 30 j 04:34	0°♉	
morning set	-3528 May 30 j 18:03	1°♉09'13	
superior conj	-3528 Jun 07 j 06:15	16°♉47'26	1°30'30
minimum elong	-3528 Jun 07 j 03:40	16°♉34'03	1°30'18
max. Earth dist.	-3528 Jun 11 j 06:30	24°♉56'45	1.35331 AU
	-3528 Jun 13 j 20:08	0°♊	
evening rise	-3528 Jun 15 j 17:26	3°♊37'12	
	-3528 Jul 01 j 02:18	0°♋	
desc. node	-3528 Jul 08 j 20:38	11°♋17'16	
evening max el	-3528 Jul 21 j 02:25	25°♋48'23	26°39'18
	-3528 Jul 26 j 01:21	0°♌	
retrograde	-3528 Aug 03 j 01:10	3°♌05'49	
evening set	-3528 Aug 09 j 16:19	0°♌20'36	
	-3528 Aug 10 j 01:51	30°℞♋	
min. Earth dist.	-3528 Aug 13 j 16:40	26°♋10'11	0.65850 AU
inferior conj	-3528 Aug 15 j 08:46	24°♋09'44	-2°-37'-5
minimum elong	-3528 Aug 15 j 12:13	23°♋59'20	2°35'49
morning rise	-3528 Aug 21 j 09:11	18°♋23'24	
asc. node	-3528 Aug 23 j 16:54	17°♋36'54	
direct	-3528 Aug 24 j 07:47	17°♋34'44	
morning max el	-3528 Aug 31 j 00:49	21°♋18'05	18°36'18
	-3528 Sep 06 j 19:27	0°♌	
morning set	-3528 Sep 20 j 07:04	21°♌18'53	
	-3528 Sep 25 j 16:55	0°♍	
desc. node	-3528 Oct 04 j 20:08	14°♍29'25	
superior conj	-3528 Oct 05 j 22:46	16°♍14'21	0°-7'-4
minimum elong	-3528 Oct 05 j 21:50	16°♍10'41	0°06'55
behind sun begin	-3528 Oct 05 j 11:26	15°♍29'40	
behind sun end	-3528 Oct 06 j 08:15	16°♍51'42	
max. Earth dist.	-3528 Oct 06 j 18:27	17°♍31'51	1.44855 AU
	-3528 Oct 14 j 16:28	0°♎	
evening rise	-3528 Oct 22 j 04:31	11°♎52'11	
	-3528 Nov 02 j 16:09	0°♏	
evening max el	-3528 Nov 13 j 09:21	14°♏35'16	19°05'53
asc. node	-3528 Nov 19 j 15:50	18°♏31'36	
retrograde	-3528 Nov 20 j 08:37	18°♏34'22	
evening set	-3528 Nov 23 j 12:44	17°♏36'07	
inferior conj	-3528 Nov 29 j 06:52	11°♏45'08	2°54'03
minimum elong	-3528 Nov 29 j 03:46	11°♏54'53	2°53'05
min. Earth dist.	-3528 Nov 30 j 17:43	9°♏55'45	0.65640 AU
morning rise	-3528 Dec 04 j 17:52	5°♏33'55	
direct	-3528 Dec 11 j 04:07	2°♏47'12	
morning max el	-3528 Dec 23 j 23:32	10°♏16'55	26°29'11
desc. node	-3528 Dec 31 j 19:46	19°♏15'59	
	-3527 Jan 08 j 16:14	0°♐	
	-3527 Jan 26 j 21:50	0°♑	
morning set	-3527 Jan 28 j 23:35	3°♑51'31	
max. Earth dist.	-3527 Feb 02 j 05:12	12°♑01'57	1.34999 AU
superior conj	-3527 Feb 06 j 17:50	21°♑10'00	-1°-21'-26
minimum elong	-3527 Feb 06 j 20:59	21°♑26'14	1°21'08
	-3527 Feb 10 j 23:54	0°♒	
evening rise	-3527 Feb 14 j 10:03	7°♒07'07	
asc. node	-3527 Feb 15 j 15:05	9°♒35'55	
	-3527 Feb 27 j 00:50	0°♓	
evening max el	-3527 Mar 05 j 11:15	7°♓45'05	20°50'03
retrograde	-3527 Mar 16 j 18:13	13°♓08'17	
evening set	-3527 Mar 19 j 02:42	12°♓55'09	
inferior conj	-3527 Mar 28 j 05:53	8°♓57'34	0°25'38
minimum elong	-3527 Mar 28 j 07:03	8°♓55'54	0°25'10
min. Earth dist.	-3527 Mar 29 j 07:10	8°♓21'19	0.55229 AU
desc. node	-3527 Mar 29 j 18:47	8°♓04'47	
morning rise	-3527 Apr 06 j 10:01	4°♓45'32	
direct	-3527 Apr 09 j 16:46	4°♓22'05	
morning max el	-3527 Apr 22 j 20:21	10°♓44'43	22°47'57
	-3527 May 06 j 22:16	0°♈	
asc. node	-3527 May 14 j 14:40	14°♈51'36	
morning set	-3527 May 15 j 04:55	16°♈05'41	
	-3527 May 21 j 17:59	0°♉	
superior conj	-3527 May 22 j 10:23	1°♉27'12	1°13'22
minimum elong	-3527 May 22 j 07:47	1°♉13'23	1°13'02
max. Earth dist.	-3527 May 25 j 03:10	7°♉08'11	1.34093 AU
evening rise	-3527 May 30 j 05:48	17°♉30'09	
	-3527 Jun 05 j 21:17	0°♊	
	-3527 Jun 25 j 10:23	0°♋	
desc. node	-3527 Jun 25 j 17:41	0°♋23'00	
evening max el	-3527 Jul 03 j 13:48	9°♋08'35	27°16'14
retrograde	-3527 Jul 17 j 00:42	16°♋31'47	
evening set	-3527 Jul 24 j 01:20	13°♋46'02	
min. Earth dist.	-3527 Jul 27 j 19:02	10°♋12'44	0.64601 AU
inferior conj	-3527 Jul 30 j 00:43	7°♋44'53	-3°-21'-41
minimum elong	-3527 Jul 30 j 04:37	7°♋34'08	3°20'33
morning rise	-3527 Aug 05 j 09:29	2°♋14'02	
direct	-3527 Aug 08 j 02:23	1°♋35'34	
asc. node	-3527 Aug 10 j 14:00	2°♋07'52	
morning max el	-3527 Aug 14 j 14:49	5°♋05'11	18°07'11
	-3527 Aug 31 j 03:41	0°♌	
morning set	-3527 Sep 01 j 12:58	2°♌20'13	
superior conj	-3527 Sep 15 j 05:49	24°♌56'23	0°40'36
minimum elong	-3527 Sep 15 j 10:21	25°♌14'36	0°40'06
	-3527 Sep 18 j 09:43	0°♍	
max. Earth dist.	-3527 Sep 19 j 11:59	1°♍44'18	1.44473 AU
desc. node	-3527 Sep 21 j 17:07	5°♍14'27	
evening rise	-3527 Oct 01 j 19:55	21°♍01'43	
	-3527 Oct 07 j 15:35	0°♎	
greatest brilliancy	-3527 Oct 20 j 07:28	18°♎52'21	-0.6m
evening max el	-3527 Oct 27 j 15:23	28°♎02'15	19°58'18
	-3527 Oct 29 j 17:45	0°♏	
retrograde	-3527 Nov 04 j 05:38	2°♏28'41	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3527 Nov 06 j 12:57	1°♏57'53	
evening set	-3527 Nov 07 j 18:08	1°♏16'27	
	-3527 Nov 09 j 07:12	30°℞♎	
inferior conj	-3527 Nov 13 j 07:31	25°♎12'48	2°10'42
minimum elong	-3527 Nov 13 j 04:51	25°♎21'37	2°09'42
min. Earth dist.	-3527 Nov 14 j 05:29	23°♎59'56	0.66567 AU
morning rise	-3527 Nov 18 j 14:56	18°♎57'23	
direct	-3527 Nov 24 j 11:07	16°♎24'28	
morning max el	-3527 Dec 06 j 08:20	23°♎27'41	25°16'18
	-3527 Dec 12 j 04:30	0°♏	
desc. node	-3527 Dec 18 j 16:48	8°♏27'28	
	-3526 Jan 02 j 01:12	0°♐	
morning set	-3526 Jan 11 j 12:53	16°♐13'28	
max. Earth dist.	-3526 Jan 15 j 07:32	23°♐09'17	1.36669 AU
	-3526 Jan 18 j 21:45	0°♑	
superior conj	-3526 Jan 21 j 08:45	4°♑49'04	-1°-40'-1
minimum elong	-3526 Jan 21 j 11:50	5°♑04'16	1°39'53
evening rise	-3526 Jan 29 j 14:06	21°♑23'22	
asc. node	-3526 Feb 02 j 12:07	29°♑08'00	
	-3526 Feb 02 j 22:59	0°♒	
evening max el	-3526 Feb 15 j 23:38	19°♒26'47	19°40'03
retrograde	-3526 Feb 25 j 13:42	23°♒59'57	
evening set	-3526 Feb 27 j 20:50	23°♒45'28	
inferior conj	-3526 Mar 08 j 09:23	19°♒41'53	2°10'29
minimum elong	-3526 Mar 08 j 14:05	19°♒34'26	2°09'02
min. Earth dist.	-3526 Mar 10 j 21:38	18°♒06'55	0.56099 AU
desc. node	-3526 Mar 16 j 15:54	15°♒12'06	
morning rise	-3526 Mar 17 j 03:53	15°♒02'01	
direct	-3526 Mar 21 j 12:45	14°♒19'13	
morning max el	-3526 Apr 04 j 12:06	21°♒21'34	24°27'16
	-3526 Apr 11 j 23:20	0°♓	
	-3526 Apr 29 j 04:12	0°♈	
morning set	-3526 Apr 29 j 17:05	1°♈07'21	
asc. node	-3526 May 01 j 11:40	4°♈53'00	
superior conj	-3526 May 06 j 18:56	16°♈20'30	0°52'48
minimum elong	-3526 May 06 j 16:49	16°♈09'03	0°52'26
max. Earth dist.	-3526 May 08 j 08:48	19°♈44'37	1.33228 AU
	-3526 May 13 j 05:46	0°♉	
evening rise	-3526 May 14 j 03:57	1°♉53'06	
	-3526 May 29 j 19:03	0°♊	
desc. node	-3526 Jun 12 j 14:46	18°♊37'09	
evening max el	-3526 Jun 15 j 23:32	22°♊05'34	27°24'29
retrograde	-3526 Jun 29 j 17:57	29°♊28'22	
evening set	-3526 Jul 06 j 21:37	26°♊54'59	
min. Earth dist.	-3526 Jul 10 j 11:47	23°♊52'46	0.62982 AU
inferior conj	-3526 Jul 13 j 07:03	21°♊06'40	-3°-57'-29
minimum elong	-3526 Jul 13 j 10:29	20°♊58'10	3°56'48
morning rise	-3526 Jul 20 j 01:31	15°♊54'31	
direct	-3526 Jul 22 j 15:01	15°♊23'34	
asc. node	-3526 Jul 28 j 11:04	18°♊03'59	
morning max el	-3526 Jul 29 j 05:46	18°♊47'48	17°56'00
	-3526 Aug 06 j 09:41	0°♋	
morning set	-3526 Aug 14 j 18:33	14°♋29'26	
	-3526 Aug 23 j 16:14	0°♌	
superior conj	-3526 Aug 26 j 12:52	4°♌50'16	1°17'12
minimum elong	-3526 Aug 26 j 18:27	5°♌13'41	1°16'44
max. Earth dist.	-3526 Sep 02 j 02:50	15°♌40'29	1.43417 AU
desc. node	-3526 Sep 08 j 14:06	25°♌58'18	
evening rise	-3526 Sep 11 j 00:19	29°♌45'17	
	-3526 Sep 11 j 04:07	0°♍	
	-3526 Oct 01 j 09:28	0°♎	
greatest brilliancy	-3526 Oct 05 j 04:30	5°♎04'36	-0.5m
evening max el	-3526 Oct 10 j 15:37	11°♎28'57	21°04'11
retrograde	-3526 Oct 19 j 02:38	16°♎29'28	
evening set	-3526 Oct 23 j 01:44	15°♎00'35	
asc. node	-3526 Oct 24 j 10:03	13°♎49'52	
inferior conj	-3526 Oct 28 j 11:59	8°♎47'33	1°22'05
minimum elong	-3526 Oct 28 j 10:11	8°♎53'44	1°21'20
min. Earth dist.	-3526 Oct 28 j 22:29	8°♎11'38	0.67155 AU
morning rise	-3526 Nov 02 j 18:15	2°♎30'34	
direct	-3526 Nov 07 j 23:03	0°♎17'29	
morning max el	-3526 Nov 18 j 17:07	6°♎42'23	23°52'03
desc. node	-3526 Dec 05 j 13:47	28°♎11'19	
	-3526 Dec 06 j 19:41	0°♏	
morning set	-3526 Dec 24 j 03:14	27°♏23'43	
	-3526 Dec 25 j 15:35	0°♐	
max. Earth dist.	-3526 Dec 28 j 03:45	4°♐23'30	1.38659 AU
superior conj	-3525 Jan 04 j 11:02	17°♐46'24	-1°-52'-23
minimum elong	-3525 Jan 04 j 12:54	17°♐55'11	1°52'26
	-3525 Jan 10 j 19:08	0°♑	
evening rise	-3525 Jan 13 j 11:13	5°♑13'34	
asc. node	-3525 Jan 20 j 09:09	18°♑15'55	
	-3525 Jan 28 j 06:32	0°♒	
evening max el	-3525 Jan 29 j 21:56	1°♒43'24	18°49'16
retrograde	-3525 Feb 07 j 01:55	5°♒39'43	
evening set	-3525 Feb 09 j 11:41	5°♒20'33	
inferior conj	-3525 Feb 17 j 07:05	0°♒59'33	3°21'20
minimum elong	-3525 Feb 17 j 11:21	0°♒51'43	3°20'24
	-3525 Feb 18 j 15:24	30°℞♑	
min. Earth dist.	-3525 Feb 20 j 13:33	28°♑36'48	0.57678 AU
morning rise	-3525 Feb 25 j 07:16	25°♑50'21	
direct	-3525 Mar 02 j 21:16	24°♑34'50	
desc. node	-3525 Mar 03 j 12:59	24°♑35'53	
	-3525 Mar 14 j 22:29	0°♒	
morning max el	-3525 Mar 17 j 03:31	2°♒00'14	25°58'04
	-3525 Apr 05 j 23:41	0°♓	
morning set	-3525 Apr 14 j 04:52	16°♓08'23	
asc. node	-3525 Apr 18 j 08:40	25°♓02'37	
	-3525 Apr 20 j 15:10	0°♈	
superior conj	-3525 Apr 21 j 05:56	1°♈20'43	0°29'48
minimum elong	-3525 Apr 21 j 04:39	1°♈13'43	0°29'32
max. Earth dist.	-3525 Apr 21 j 20:12	2°♈38'39	1.32718 AU
evening rise	-3525 Apr 28 j 08:47	16°♈35'46	
	-3525 May 05 j 04:18	0°♉	
	-3525 May 24 j 23:46	0°♊	
evening max el	-3525 May 29 j 04:51	4°♊26'24	27°00'07
desc. node	-3525 May 30 j 11:50	5°♊37'56	
retrograde	-3525 Jun 12 j 04:06	11°♊46'53	
evening set	-3525 Jun 19 j 01:03	9°♊39'34	
min. Earth dist.	-3525 Jun 22 j 18:22	6°♊56'14	0.61062 AU
inferior conj	-3525 Jun 26 j 00:24	4°♊06'58	-4°-19'-6
minimum elong	-3525 Jun 26 j 02:01	4°♊03'27	4°18'54
	-3525 Jul 01 j 13:25	30°℞♉	
morning rise	-3525 Jul 03 j 05:55	29°♉16'19	
direct	-3525 Jul 05 j 17:52	28°♉51'00	
	-3525 Jul 09 j 18:37	0°♊	
morning max el	-3525 Jul 12 j 18:53	2°♊19'26	18°03'39
asc. node	-3525 Jul 15 j 08:07	5°♊09'52	
morning set	-3525 Jul 28 j 18:11	27°♊30'55	
	-3525 Jul 30 j 02:26	0°♋	
superior conj	-3525 Aug 07 j 23:26	16°♋06'08	1°39'20
minimum elong	-3525 Aug 08 j 02:58	16°♋21'45	1°39'14
max. Earth dist.	-3525 Aug 15 j 12:24	29°♋02'40	1.41827 AU
	-3525 Aug 16 j 02:11	0°♌	
evening rise	-3525 Aug 21 j 13:17	8°♌54'04	
desc. node	-3525 Aug 26 j 11:05	16°♌37'25	
	-3525 Sep 04 j 08:09	0°♍	
greatest brilliancy	-3525 Sep 18 j 16:05	19°♍34'49	-0.3m

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3525 Sep 23 j 09:39	24°♍54'35	22°19'55
	-3525 Sep 30 j 05:06	0°♎	
retrograde	-3525 Oct 02 j 21:55	0°♎33'41	
	-3525 Oct 05 j 10:52	30°℞♍	
evening set	-3525 Oct 07 j 09:41	28°♍46'03	
asc. node	-3525 Oct 11 j 07:09	24°♍27'16	
inferior conj	-3525 Oct 12 j 18:21	22°♍27'04	0°30'08
minimum elong	-3525 Oct 12 j 17:39	22°♍29'29	0°29'51
min. Earth dist.	-3525 Oct 12 j 18:19	22°♍27'10	0.67428 AU
morning rise	-3525 Oct 18 j 01:30	16°♍11'11	
direct	-3525 Oct 22 j 15:11	14°♍20'03	
morning max el	-3525 Nov 01 j 04:34	20°♍01'03	22°25'44
greatest brilliancy	-3525 Nov 05 j 21:10	25°♍18'19	-0.3m
	-3525 Nov 09 j 13:40	0°♎	
desc. node	-3525 Nov 22 j 10:45	18°♎17'41	
	-3525 Nov 30 j 01:41	0°♏	
morning set	-3525 Dec 04 j 13:19	7°♏10'05	
max. Earth dist.	-3525 Dec 10 j 01:23	16°♏16'49	1.40731 AU
superior conj	-3525 Dec 17 j 19:41	29°♏48'06	-1°-55'-20
minimum elong	-3525 Dec 17 j 18:49	29°♏44'16	1°55'26
	-3525 Dec 17 j 22:20	0°♐	
evening rise	-3525 Dec 27 j 22:19	18°♐29'31	
	-3524 Jan 03 j 04:07	0°♑	
asc. node	-3524 Jan 07 j 06:11	6°♑50'53	
evening max el	-3524 Jan 13 j 03:47	14°♑27'29	18°18'39
retrograde	-3524 Jan 20 j 08:41	18°♑02'36	
evening set	-3524 Jan 22 j 21:18	17°♑37'12	
inferior conj	-3524 Jan 30 j 01:19	12°♑54'53	3°55'36
minimum elong	-3524 Jan 30 j 03:00	12°♑51'16	3°55'21
min. Earth dist.	-3524 Feb 02 j 09:49	10°♑04'16	0.59631 AU
morning rise	-3524 Feb 06 j 05:30	7°♑22'41	
direct	-3524 Feb 12 j 17:59	5°♑28'18	
desc. node	-3524 Feb 18 j 10:03	6°♑49'10	
morning max el	-3524 Feb 26 j 23:43	13°♑06'19	27°05'37
	-3524 Mar 11 j 09:42	0°♒	
	-3524 Mar 28 j 02:33	0°♓	
morning set	-3524 Mar 28 j 14:34	1°♓02'12	
asc. node	-3524 Apr 04 j 05:39	15°♓15'51	
superior conj	-3524 Apr 04 j 17:40	16°♓21'36	0°05'16
minimum elong	-3524 Apr 04 j 17:26	16°♓20'18	0°05'11
behind sun begin	-3524 Apr 04 j 12:41	15°♓54'17	
behind sun end	-3524 Apr 04 j 22:11	16°♓46'20	
max. Earth dist.	-3524 Apr 04 j 09:37	15°♓37'33	1.32541 AU
	-3524 Apr 11 j 00:48	0°♈	
evening rise	-3524 Apr 11 j 17:49	1°♈29'35	
	-3524 Apr 27 j 08:22	0°♉	
evening max el	-3524 May 10 j 03:52	16°♉04'34	26°04'00
desc. node	-3524 May 16 j 08:54	20°♉55'48	
retrograde	-3524 May 24 j 05:55	23°♉21'06	
evening set	-3524 May 30 j 07:50	21°♉50'23	
min. Earth dist.	-3524 Jun 03 j 16:29	19°♉08'46	0.59011 AU
inferior conj	-3524 Jun 07 j 01:10	16°♉36'54	-4°-18'-24
minimum elong	-3524 Jun 06 j 23:31	16°♉40'02	4°18'13
morning rise	-3524 Jun 14 j 19:02	12°♉08'43	
direct	-3524 Jun 17 j 06:28	11°♉47'53	
morning max el	-3524 Jun 25 j 03:23	15°♉32'31	18°31'00
asc. node	-3524 Jul 01 j 05:09	23°♉10'51	
	-3524 Jul 05 j 07:18	0°♊	
morning set	-3524 Jul 11 j 07:06	11°♊12'41	
superior conj	-3524 Jul 20 j 09:15	28°♊32'35	1°48'26
minimum elong	-3524 Jul 20 j 10:09	28°♊36'43	1°48'32
	-3524 Jul 21 j 04:07	0°♋	
max. Earth dist.	-3524 Jul 27 j 16:12	11°♋40'18	1.39925 AU
evening rise	-3524 Aug 01 j 01:20	19°♋09'11	
	-3524 Aug 07 j 17:29	0°♌	
desc. node	-3524 Aug 12 j 08:05	7°♌08'11	
	-3524 Aug 28 j 15:30	0°♍	
evening max el	-3524 Sep 04 j 22:53	8°♍21'38	23°40'26
retrograde	-3524 Sep 15 j 14:17	14°♍38'49	
evening set	-3524 Sep 20 j 16:16	12°♍31'43	
min. Earth dist.	-3524 Sep 25 j 14:39	6°♍45'25	0.67400 AU
inferior conj	-3524 Sep 26 j 00:54	6°♍10'24	0°-23'-24
minimum elong	-3524 Sep 26 j 01:27	6°♍08'31	0°23'07
asc. node	-3524 Sep 27 j 04:13	4°♍37'56	
morning rise	-3524 Oct 01 j 10:46	29°♌58'33	
	-3524 Oct 01 j 10:00	30°℞♌	
direct	-3524 Oct 05 j 10:46	28°♌28'28	
	-3524 Oct 09 j 20:15	0°♍	
morning max el	-3524 Oct 13 j 21:45	3°♍27'06	21°05'08
greatest brilliancy	-3524 Oct 19 j 11:43	9°♍58'42	-0.5m
	-3524 Nov 02 j 14:29	0°♎	
desc. node	-3524 Nov 08 j 07:44	8°♎40'22	
morning set	-3524 Nov 12 j 21:11	15°♎44'24	
max. Earth dist.	-3524 Nov 21 j 05:13	29°♎02'40	1.42595 AU
	-3524 Nov 21 j 19:15	0°♏	
superior conj	-3524 Nov 28 j 05:07	10°♏41'19	-1°-45'00
minimum elong	-3524 Nov 28 j 00:25	10°♏21'25	1°44'48
	-3524 Dec 09 j 05:33	0°♐	
evening rise	-3524 Dec 09 j 19:46	1°♐03'45	
asc. node	-3524 Dec 24 j 03:14	24°♐43'02	
evening max el	-3524 Dec 26 j 14:27	27°♐31'45	18°07'54
	-3524 Dec 29 j 18:09	0°♑	
retrograde	-3523 Jan 02 j 06:49	0°♑59'24	
evening set	-3523 Jan 04 j 22:22	0°♑26'43	
	-3523 Jan 05 j 21:08	30°℞♐	
inferior conj	-3523 Jan 11 j 13:47	25°♐22'47	4°00'44
minimum elong	-3523 Jan 11 j 12:55	25°♐24'53	4°00'34
min. Earth dist.	-3523 Jan 14 j 13:29	22°♐28'11	0.61638 AU
morning rise	-3523 Jan 18 j 01:07	19°♐34'50	
direct	-3523 Jan 25 j 01:04	17°♐07'23	
desc. node	-3523 Feb 04 j 07:07	21°♐30'09	
morning max el	-3523 Feb 08 j 02:09	24°♐51'50	27°39'45
	-3523 Feb 12 j 19:45	0°♑	
	-3523 Mar 04 j 17:05	0°♒	
morning set	-3523 Mar 12 j 20:11	15°♒41'25	
max. Earth dist.	-3523 Mar 18 j 21:11	28°♒27'09	1.32712 AU
	-3523 Mar 19 j 14:19	0°♓	
superior conj	-3523 Mar 20 j 04:30	1°♓17'04	0°-20'-1
minimum elong	-3523 Mar 20 j 05:24	1°♓22'00	0°19'54
asc. node	-3523 Mar 22 j 02:39	5°♓28'26	
evening rise	-3523 Mar 27 j 05:02	16°♓27'06	
	-3523 Apr 02 j 23:47	0°♈	
evening max el	-3523 Apr 21 j 21:17	27°♈05'10	24°43'01
	-3523 Apr 25 j 06:43	0°♉	
desc. node	-3523 May 03 j 06:00	3°♉53'58	
retrograde	-3523 May 05 j 21:05	4°♉10'00	
evening set	-3523 May 10 j 17:04	3°♉16'52	
min. Earth dist.	-3523 May 16 j 09:23	0°♉20'37	0.57121 AU
	-3523 May 16 j 22:16	30°℞♈	
inferior conj	-3523 May 19 j 06:23	28°♈27'42	-3°-44'-52
minimum elong	-3523 May 19 j 01:15	28°♈36'10	3°43'53
morning rise	-3523 May 27 j 13:34	24°♈19'05	
direct	-3523 May 30 j 01:02	24°♈01'43	
morning max el	-3523 Jun 08 j 04:19	28°♈16'56	19°18'41
	-3523 Jun 09 j 20:55	0°♉	
asc. node	-3523 Jun 18 j 02:11	11°♉53'47	
morning set	-3523 Jun 25 j 05:29	25°♉24'36	
	-3523 Jun 27 j 12:41	0°♊	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3523 Jul 03 j 12:28	11°♊52'24	1°47'14
minimum elong	-3523 Jul 03 j 11:20	11°♊46'52	1°47'18
max. Earth dist.	-3523 Jul 09 j 17:48	23°♊39'34	1.37978 AU
	-3523 Jul 13 j 06:14	0°♋	
evening rise	-3523 Jul 13 j 15:22	0°♋40'17	
desc. node	-3523 Jul 30 j 05:06	27°♋25'03	
	-3523 Jul 31 j 23:35	0°♌	
evening max el	-3523 Aug 18 j 09:53	21°♌51'45	24°59'01
retrograde	-3523 Aug 30 j 02:37	28°♌40'16	
evening set	-3523 Sep 04 j 19:40	26°♌14'51	
min. Earth dist.	-3523 Sep 09 j 09:01	21°♌04'00	0.67065 AU
inferior conj	-3523 Sep 10 j 05:54	19°♌54'59	-1°-16'-58
minimum elong	-3523 Sep 10 j 07:42	19°♌49'00	1°16'09
asc. node	-3523 Sep 14 j 01:20	15°♌20'11	
morning rise	-3523 Sep 15 j 20:09	13°♌50'18	
direct	-3523 Sep 19 j 08:30	12°♌38'47	
morning max el	-3523 Sep 26 j 22:07	17°♌01'21	19°55'43
greatest brilliancy	-3523 Oct 04 j 13:12	26°♌31'19	-0.6m
	-3523 Oct 06 j 23:48	0°♍	
morning set	-3523 Oct 22 j 19:11	23°♍57'04	
desc. node	-3523 Oct 26 j 04:44	29°♍13'59	
	-3523 Oct 26 j 16:32	0°♎	
max. Earth dist.	-3523 Nov 03 j 16:12	12°♎35'20	1.43993 AU
superior conj	-3523 Nov 08 j 11:16	20°♎17'49	-1°-18'-9
minimum elong	-3523 Nov 08 j 04:07	19°♎48'50	1°17'28
	-3523 Nov 14 j 09:07	0°♏	
evening rise	-3523 Nov 21 j 23:06	12°♏47'15	
	-3523 Dec 02 j 04:39	0°♐	
evening max el	-3523 Dec 10 j 03:07	10°♐49'07	18°16'20
asc. node	-3523 Dec 11 j 00:17	11°♐39'58	
retrograde	-3523 Dec 16 j 16:02	14°♐21'07	
evening set	-3523 Dec 19 j 11:19	13°♐39'50	
inferior conj	-3523 Dec 25 j 16:44	8°♐15'36	3°45'17
minimum elong	-3523 Dec 25 j 14:16	8°♐22'22	3°44'48
min. Earth dist.	-3523 Dec 28 j 02:31	5°♐37'26	0.63453 AU
morning rise	-3523 Dec 31 j 15:35	2°♐16'38	
	-3522 Jan 04 j 15:57	30°℞♏	
direct	-3522 Jan 07 j 16:11	29°♏30'08	
	-3522 Jan 10 j 19:48	0°♐	
morning max el	-3522 Jan 21 j 09:18	7°♐15'04	27°37'37
desc. node	-3522 Jan 22 j 04:12	8°♐02'38	
	-3522 Feb 07 j 22:01	0°♑	
morning set	-3522 Feb 24 j 19:23	29°♑57'52	
	-3522 Feb 24 j 19:49	0°♒	
max. Earth dist.	-3522 Mar 02 j 03:06	10°♒54'28	1.33263 AU
superior conj	-3522 Mar 04 j 12:43	16°♒01'10	0°-45'-5
minimum elong	-3522 Mar 04 j 14:44	16°♒11'53	0°44'48
asc. node	-3522 Mar 08 j 23:40	25°♒36'21	
	-3522 Mar 11 j 01:08	0°♓	
evening rise	-3522 Mar 11 j 16:41	1°♓22'02	
	-3522 Mar 27 j 20:08	0°♈	
evening max el	-3522 Apr 03 j 13:23	7°♈48'27	23°09'38
retrograde	-3522 Apr 16 j 23:16	14°♈25'45	
evening set	-3522 Apr 20 j 11:31	13°♈58'50	
desc. node	-3522 Apr 20 j 03:05	14°♈03'52	
min. Earth dist.	-3522 Apr 27 j 23:56	10°♈36'24	0.55739 AU
inferior conj	-3522 Apr 29 j 16:14	9°♈37'24	-2°-30'-43
minimum elong	-3522 Apr 29 j 10:24	9°♈45'58	2°29'01
morning rise	-3522 May 08 j 12:18	5°♈39'59	
direct	-3522 May 11 j 01:36	5°♈24'11	
morning max el	-3522 May 21 j 19:16	10°♈24'01	20°26'34
	-3522 Jun 04 j 08:42	0°♉	
asc. node	-3522 Jun 04 j 23:15	1°♉08'48	
morning set	-3522 Jun 09 j 10:29	9°♉59'33	
superior conj	-3522 Jun 17 j 04:13	25°♉52'03	1°38'18
minimum elong	-3522 Jun 17 j 01:55	25°♉40'27	1°38'13
	-3522 Jun 19 j 05:32	0°♊	
max. Earth dist.	-3522 Jun 21 j 23:57	5°♊26'38	1.36216 AU
evening rise	-3522 Jun 26 j 03:32	13°♊18'17	
	-3522 Jul 05 j 17:15	0°♋	
desc. node	-3522 Jul 17 j 02:07	17°♋21'40	
	-3522 Jul 26 j 20:18	0°♌	
evening max el	-3522 Jul 31 j 20:57	5°♌24'12	26°07'35
retrograde	-3522 Aug 13 j 10:13	12°♌33'21	
evening set	-3522 Aug 19 j 17:54	9°♌53'35	
min. Earth dist.	-3522 Aug 23 j 22:54	5°♌20'43	0.66400 AU
inferior conj	-3522 Aug 25 j 07:31	3°♌38'39	-2°-8'-48
minimum elong	-3522 Aug 25 j 10:27	3°♌29'26	2°07'37
	-3522 Aug 28 j 10:14	30°℞♋	
morning rise	-3522 Aug 31 j 03:47	27°♋44'35	
asc. node	-3522 Aug 31 j 22:28	27°♋20'05	
direct	-3522 Sep 03 j 06:49	26°♋48'23	
	-3522 Sep 09 j 11:41	0°♌	
morning max el	-3522 Sep 10 j 05:18	0°♌43'17	19°00'40
	-3522 Sep 30 j 10:29	0°♍	
morning set	-3522 Oct 02 j 06:52	2°♍55'06	
desc. node	-3522 Oct 13 j 01:43	19°♍54'30	
max. Earth dist.	-3522 Oct 17 j 08:45	26°♍40'16	1.44750 AU
superior conj	-3522 Oct 18 j 17:45	28°♍50'27	0°-35'-34
minimum elong	-3522 Oct 18 j 13:13	28°♍32'33	0°35'00
	-3522 Oct 19 j 11:21	0°♎	
evening rise	-3522 Nov 03 j 03:47	23°♎31'12	
	-3522 Nov 07 j 03:20	0°♏	
evening max el	-3522 Nov 23 j 15:03	24°♏13'09	18°42'55
asc. node	-3522 Nov 27 j 21:24	27°♏26'31	
retrograde	-3522 Nov 30 j 08:21	27°♏59'34	
evening set	-3522 Dec 03 j 08:49	27°♏07'59	
inferior conj	-3522 Dec 09 j 06:28	21°♏25'49	3°15'43
minimum elong	-3522 Dec 09 j 03:22	21°♏35'08	3°14'52
min. Earth dist.	-3522 Dec 11 j 01:21	19°♏16'56	0.64945 AU
morning rise	-3522 Dec 14 j 20:50	15°♏18'34	
direct	-3522 Dec 21 j 13:53	12°♏28'26	
morning max el	-3521 Jan 03 j 18:45	20°♏06'07	27°02'10
desc. node	-3521 Jan 09 j 01:16	25°♏54'09	
	-3521 Jan 12 j 08:14	0°♐	
	-3521 Jan 31 j 22:46	0°♑	
morning set	-3521 Feb 08 j 08:55	13°♑40'05	
max. Earth dist.	-3521 Feb 12 j 23:40	22°♑48'42	1.34241 AU
	-3521 Feb 16 j 11:18	0°♒	
superior conj	-3521 Feb 16 j 16:15	0°♒25'56	-1°-8'-52
minimum elong	-3521 Feb 16 j 19:07	0°♒40'55	1°08'32
asc. node	-3521 Feb 23 j 20:41	15°♒34'21	
evening rise	-3521 Feb 24 j 02:55	16°♒06'50	
	-3521 Mar 03 j 04:11	0°♓	
evening max el	-3521 Mar 16 j 10:05	18°♓39'34	21°37'43
retrograde	-3521 Mar 28 j 14:44	24°♓32'33	
evening set	-3521 Mar 31 j 05:23	24°♓17'12	
desc. node	-3521 Apr 07 j 00:12	21°♓39'22	
inferior conj	-3521 Apr 09 j 13:04	20°♓15'28	0°-42'-17
minimum elong	-3521 Apr 09 j 11:05	20°♓18'15	0°41'38
min. Earth dist.	-3521 Apr 09 j 13:39	20°♓14'38	0.55153 AU
morning rise	-3521 Apr 18 j 17:16	16°♓14'31	
direct	-3521 Apr 21 j 14:33	15°♓56'09	
morning max el	-3521 May 03 j 23:14	21°♓48'32	21°52'35
	-3521 May 10 j 22:31	0°♈	
asc. node	-3521 May 22 j 20:17	20°♈46'55	
morning set	-3521 May 24 j 19:47	24°♈50'01	
	-3521 May 27 j 07:03	0°♉	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3521 Jun 01 j 04:40	10°♉19'44	1°23'42
minimum elong	-3521 Jun 01 j 02:00	10°♉05'47	1°23'28
max. Earth dist.	-3521 Jun 04 j 15:09	17°♉25'53	1.34765 AU
evening rise	-3521 Jun 09 j 08:25	26°♉47'36	
	-3521 Jun 11 j 00:46	0°♊	
	-3521 Jun 29 j 01:02	0°♋	
desc. node	-3521 Jul 03 j 23:08	6°♋49'17	
evening max el	-3521 Jul 14 j 08:27	18°♋51'43	26°58'08
retrograde	-3521 Jul 27 j 12:37	26°♋11'43	
evening set	-3521 Aug 03 j 08:34	23°♋24'53	
min. Earth dist.	-3521 Aug 07 j 05:56	19°♋30'48	0.65370 AU
inferior conj	-3521 Aug 09 j 03:41	17°♋18'07	-2°-56'-49
minimum elong	-3521 Aug 09 j 07:25	17°♋07'18	2°55'34
morning rise	-3521 Aug 15 j 07:29	11°♋38'01	
direct	-3521 Aug 18 j 03:28	10°♋53'56	
asc. node	-3521 Aug 18 j 19:35	10°♋56'24	
morning max el	-3521 Aug 24 j 17:33	14°♋30'02	18°21'49
	-3521 Sep 04 j 19:21	0°♌	
morning set	-3521 Sep 12 j 21:03	13°♌11'31	
	-3521 Sep 23 j 05:49	0°♍	
superior conj	-3521 Sep 27 j 17:50	7°♍09'54	0°14'01
minimum elong	-3521 Sep 27 j 19:37	7°♍17'00	0°13'50
behind sun begin	-3521 Sep 27 j 13:39	6°♍53'20	
behind sun end	-3521 Sep 28 j 01:36	7°♍40'38	
desc. node	-3521 Sep 29 j 22:40	10°♍38'48	
max. Earth dist.	-3521 Sep 30 j 03:20	10°♍57'13	1.44780 AU
	-3521 Oct 12 j 06:33	0°♎	
evening rise	-3521 Oct 14 j 07:45	3°♎12'36	
greatest brilliancy	-3521 Oct 28 j 18:41	25°♎33'27	-0.7m
	-3521 Oct 31 j 20:23	0°♏	
evening max el	-3521 Nov 06 j 23:45	7°♏39'38	19°26'22
retrograde	-3521 Nov 14 j 04:32	11°♏49'27	
asc. node	-3521 Nov 14 j 18:31	11°♏47'29	
evening set	-3521 Nov 17 j 12:01	10°♏45'23	
inferior conj	-3521 Nov 23 j 03:53	4°♏48'22	2°36'29
minimum elong	-3521 Nov 23 j 00:54	4°♏57'58	2°35'27
min. Earth dist.	-3521 Nov 24 j 08:57	3°♏14'42	0.66073 AU
	-3521 Nov 27 j 02:21	30°℞♎	
morning rise	-3521 Nov 28 j 13:02	28°♎35'11	
direct	-3521 Dec 04 j 17:29	25°♎53'39	
	-3521 Dec 13 j 15:39	0°♏	
morning max el	-3521 Dec 17 j 04:18	3°♏13'25	26°00'22
desc. node	-3521 Dec 26 j 22:19	14°♏41'25	
	-3520 Jan 06 j 14:52	0°♐	
morning set	-3520 Jan 22 j 08:35	26°♐35'46	
	-3520 Jan 24 j 04:19	0°♑	
max. Earth dist.	-3520 Jan 26 j 08:39	4°♑09'51	1.35664 AU
superior conj	-3520 Jan 31 j 12:38	14°♑24'01	-1°-29'-54
minimum elong	-3520 Jan 31 j 15:52	14°♑40'23	1°29'39
evening rise	-3520 Feb 08 j 09:51	0°♒35'27	
	-3520 Feb 08 j 02:55	0°♒	
asc. node	-3520 Feb 10 j 17:42	5°♒17'34	
evening max el	-3520 Feb 26 j 16:07	29°♒59'45	20°17'56
	-3520 Feb 26 j 16:13	0°♓	
retrograde	-3520 Mar 08 j 05:32	5°♓01'06	
evening set	-3520 Mar 10 j 12:28	4°♓47'57	
inferior conj	-3520 Mar 19 j 10:06	0°♓49'10	1°13'20
minimum elong	-3520 Mar 19 j 13:14	0°♓44'31	1°12'13
	-3520 Mar 20 j 19:14	30°℞♒	
min. Earth dist.	-3520 Mar 21 j 03:42	29°♒47'33	0.55500 AU
desc. node	-3520 Mar 23 j 21:19	28°♒16'28	
morning rise	-3520 Mar 28 j 11:39	26°♒26'28	
direct	-3520 Apr 01 j 04:12	25°♒56'45	
	-3520 Apr 11 j 16:09	0°♓	
morning max el	-3520 Apr 14 j 18:13	2°♓37'47	23°30'17
	-3520 May 03 j 10:36	0°♈	
morning set	-3520 May 08 j 07:23	9°♈49'33	
asc. node	-3520 May 08 j 17:17	10°♈41'29	
superior conj	-3520 May 15 j 10:56	25°♈06'10	1°04'59
minimum elong	-3520 May 15 j 08:29	24°♈53'05	1°04'38
max. Earth dist.	-3520 May 17 j 15:55	29°♈48'15	1.33681 AU
	-3520 May 17 j 18:09	0°♉	
evening rise	-3520 May 23 j 01:21	10°♉54'23	
	-3520 Jun 02 j 08:32	0°♊	
desc. node	-3520 Jun 19 j 20:12	25°♊35'15	
	-3520 Jun 23 j 18:19	0°♋	
evening max el	-3520 Jun 25 j 19:11	2°♋02'45	27°23'27
retrograde	-3520 Jul 09 j 09:32	9°♋26'32	
evening set	-3520 Jul 16 j 12:37	6°♋43'58	
min. Earth dist.	-3520 Jul 20 j 04:08	3°♋25'22	0.63956 AU
inferior conj	-3520 Jul 22 j 15:52	0°♋48'03	-3°-38'-14
minimum elong	-3520 Jul 22 j 19:43	0°♋37'54	3°37'16
	-3520 Jul 23 j 10:12	30°℞♊	
morning rise	-3520 Jul 29 j 04:38	25°♊25'09	
direct	-3520 Jul 31 j 19:51	24°♊50'13	
asc. node	-3520 Aug 04 j 16:41	26°♊05'20	
morning max el	-3520 Aug 07 j 08:20	28°♊16'14	18°00'13
	-3520 Aug 08 j 22:27	0°♋	
morning set	-3520 Aug 24 j 13:38	24°♋43'13	
	-3520 Aug 27 j 15:33	0°♌	
superior conj	-3520 Sep 06 j 09:49	16°♌19'01	0°57'51
minimum elong	-3520 Sep 06 j 15:21	16°♌41'37	0°57'18
max. Earth dist.	-3520 Sep 11 j 20:02	25°♌04'41	1.44093 AU
	-3520 Sep 14 j 22:26	0°♍	
desc. node	-3520 Sep 15 j 19:37	1°♍23'30	
evening rise	-3520 Sep 22 j 16:16	12°♍05'02	
	-3520 Oct 04 j 10:58	0°♎	
greatest brilliancy	-3520 Oct 13 j 17:30	13°♎18'56	-0.6m
evening max el	-3520 Oct 20 j 03:17	21°♎05'41	20°24'51
retrograde	-3520 Oct 28 j 01:53	25°♎46'27	
evening set	-3520 Oct 31 j 18:34	24°♎27'27	
asc. node	-3520 Oct 31 j 15:38	24°♎32'36	
inferior conj	-3520 Nov 06 j 06:23	18°♎19'07	1°50'36
minimum elong	-3520 Nov 06 j 04:03	18°♎27'01	1°49'41
min. Earth dist.	-3520 Nov 06 j 23:17	17°♎22'07	0.66850 AU
morning rise	-3520 Nov 11 j 13:01	12°♎02'31	
direct	-3520 Nov 17 j 02:34	9°♎37'42	
morning max el	-3520 Nov 28 j 13:00	16°♎26'29	24°41'20
	-3520 Dec 09 j 19:27	0°♏	
desc. node	-3520 Dec 12 j 19:19	4°♏07'39	
	-3520 Dec 29 j 14:15	0°♐	
morning set	-3519 Jan 03 j 12:54	8°♐29'07	
max. Earth dist.	-3519 Jan 07 j 07:26	15°♐15'06	1.37482 AU
superior conj	-3519 Jan 13 j 22:38	27°♐46'07	-1°-46'-12
minimum elong	-3519 Jan 14 j 01:22	27°♐59'21	1°46'09
	-3519 Jan 15 j 02:05	0°♑	
evening rise	-3519 Jan 22 j 11:14	14°♑41'10	
asc. node	-3519 Jan 27 j 14:44	24°♑40'17	
	-3519 Jan 30 j 14:10	0°♒	
evening max el	-3519 Feb 08 j 08:52	11°♒56'43	19°16'03
retrograde	-3519 Feb 17 j 07:33	16°♒12'41	
evening set	-3519 Feb 19 j 15:24	15°♒56'38	
inferior conj	-3519 Feb 27 j 20:39	11°♒46'39	2°45'13
minimum elong	-3519 Feb 28 j 01:35	11°♒38'20	2°43'51
min. Earth dist.	-3519 Mar 02 j 18:52	9°♒49'14	0.56695 AU
morning rise	-3519 Mar 08 j 07:56	6°♒53'23	
desc. node	-3519 Mar 10 j 18:25	6°♒12'13	
direct	-3519 Mar 13 j 05:12	5°♒58'08	
morning max el	-3519 Mar 27 j 09:15	13°♒12'56	25°07'50

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3519 Apr 09 j 10:56	0°♓	
morning set	-3519 Apr 22 j 19:36	24°♓52'16	
	-3519 Apr 25 j 05:28	0°♈	
asc. node	-3519 Apr 25 j 14:15	0°♈47'18	
superior conj	-3519 Apr 29 j 20:47	10°♈04'04	0°43'18
minimum elong	-3519 Apr 29 j 18:59	9°♈54'18	0°42'58
max. Earth dist.	-3519 May 01 j 00:16	12°♈33'14	1.32964 AU
evening rise	-3519 May 07 j 02:42	25°♈27'27	
	-3519 May 09 j 08:47	0°♉	
	-3519 May 26 j 21:51	0°♊	
desc. node	-3519 Jun 06 j 17:16	13°♊22'01	
evening max el	-3519 Jun 08 j 03:12	14°♊45'57	27°18'08
retrograde	-3519 Jun 22 j 00:17	22°♊08'50	
evening set	-3519 Jun 29 j 02:21	19°♊44'41	
min. Earth dist.	-3519 Jul 02 j 16:36	16°♊52'23	0.62192 AU
inferior conj	-3519 Jul 05 j 17:09	14°♊02'23	-4°-8'-51
minimum elong	-3519 Jul 05 j 19:59	13°♊55'41	4°08'23
morning rise	-3519 Jul 12 j 16:11	8°♊59'17	
direct	-3519 Jul 15 j 04:41	8°♊31'05	
morning max el	-3519 Jul 21 j 22:57	11°♊56'05	17°56'52
asc. node	-3519 Jul 22 j 13:43	12°♊33'36	
	-3519 Aug 03 j 02:10	0°♋	
morning set	-3519 Aug 07 j 03:36	7°♋16'44	
superior conj	-3519 Aug 18 j 04:54	26°♋49'07	1°28'19
minimum elong	-3519 Aug 18 j 09:50	27°♋10'13	1°28'01
	-3519 Aug 20 j 01:44	0°♌	
max. Earth dist.	-3519 Aug 25 j 08:19	8°♌46'27	1.42794 AU
evening rise	-3519 Sep 01 j 21:55	20°♌52'55	
desc. node	-3519 Sep 02 j 16:36	22°♌05'55	
	-3519 Sep 07 j 19:38	0°♍	
greatest brilliancy	-3519 Sep 28 j 00:52	28°♍47'18	-0.4m
	-3519 Sep 29 j 00:25	0°♎	
evening max el	-3519 Oct 03 j 00:47	4°♎31'32	21°35'28
retrograde	-3519 Oct 11 j 22:21	9°♎48'33	
evening set	-3519 Oct 16 j 02:30	8°♎12'07	
asc. node	-3519 Oct 18 j 12:44	5°♎48'34	
inferior conj	-3519 Oct 21 j 11:53	1°♎56'06	1°00'19
minimum elong	-3519 Oct 21 j 10:32	2°♎00'47	0°59'46
min. Earth dist.	-3519 Oct 21 j 17:54	1°♎35'24	0.67307 AU
	-3519 Oct 22 j 21:53	30°℞♍	
morning rise	-3519 Oct 26 j 18:16	25°♍38'57	
direct	-3519 Oct 31 j 16:31	23°♍34'58	
morning max el	-3519 Nov 10 j 22:25	29°♍42'00	23°14'57
	-3519 Nov 11 j 05:28	0°♎	
greatest brilliancy	-3519 Nov 16 j 04:32	5°♎37'33	-0.3m
desc. node	-3519 Nov 29 j 16:18	24°♎01'46	
	-3519 Dec 03 j 16:12	0°♏	
morning set	-3519 Dec 15 j 15:35	19°♏03'54	
max. Earth dist.	-3519 Dec 20 j 02:41	26°♏39'33	1.39541 AU
	-3519 Dec 22 j 00:33	0°♐	
superior conj	-3519 Dec 27 j 18:02	10°♐21'00	-1°-55'00
minimum elong	-3519 Dec 27 j 18:56	10°♐25'09	1°55'08
evening rise	-3518 Jan 06 j 04:26	28°♐16'59	
	-3518 Jan 07 j 01:53	0°♑	
asc. node	-3518 Jan 14 j 11:46	13°♑35'05	
evening max el	-3518 Jan 22 j 10:46	24°♑26'07	18°33'55
retrograde	-3518 Jan 30 j 03:28	28°♑11'14	
evening set	-3518 Feb 01 j 14:32	27°♑49'34	
inferior conj	-3518 Feb 09 j 03:06	23°♑20'10	3°39'59
minimum elong	-3518 Feb 09 j 06:23	23°♑13'44	3°39'24
min. Earth dist.	-3518 Feb 12 j 12:23	20°♑42'26	0.58478 AU
morning rise	-3518 Feb 16 j 18:36	18°♑00'17	
direct	-3518 Feb 22 j 19:36	16°♑27'55	
desc. node	-3518 Feb 25 j 15:31	16°♑47'53	
morning max el	-3518 Mar 09 j 02:05	24°♑00'10	26°30'22
	-3518 Mar 14 j 12:53	0°♒	
	-3518 Apr 02 j 09:35	0°♓	
morning set	-3518 Apr 07 j 06:42	9°♓51'01	
asc. node	-3518 Apr 12 j 11:13	20°♓59'00	
superior conj	-3518 Apr 14 j 08:18	25°♓05'34	0°19'34
minimum elong	-3518 Apr 14 j 07:27	25°♓00'52	0°19'21
max. Earth dist.	-3518 Apr 14 j 12:53	25°♓30'39	1.32599 AU
	-3518 Apr 16 j 14:12	0°♈	
evening rise	-3518 Apr 21 j 09:35	10°♈16'10	
	-3518 May 01 j 16:19	0°♉	
evening max el	-3518 May 21 j 06:09	26°♉49'48	26°39'58
desc. node	-3518 May 24 j 14:21	29°♉43'36	
	-3518 May 24 j 22:56	0°♊	
retrograde	-3518 Jun 04 j 07:13	4°♊08'52	
evening set	-3518 Jun 10 j 21:24	2°♊16'36	
	-3518 Jun 14 j 07:06	30°℞♉	
min. Earth dist.	-3518 Jun 14 j 19:36	29°♉35'49	0.60193 AU
inferior conj	-3518 Jun 18 j 03:55	26°♉51'23	-4°-22'-9
minimum elong	-3518 Jun 18 j 04:18	26°♉50'36	4°22'04
morning rise	-3518 Jun 25 j 14:30	22°♉10'00	
direct	-3518 Jun 28 j 02:04	21°♉46'45	
morning max el	-3518 Jul 05 j 10:25	25°♉20'50	18°12'43
asc. node	-3518 Jul 09 j 10:44	0°♊04'34	
	-3518 Jul 09 j 09:25	0°♊	
morning set	-3518 Jul 21 j 09:27	20°♊36'56	
	-3518 Jul 26 j 09:26	0°♋	
superior conj	-3518 Jul 31 j 02:02	8°♋36'43	1°44'38
minimum elong	-3518 Jul 31 j 04:26	8°♋47'30	1°44'38
max. Earth dist.	-3518 Aug 07 j 15:07	21°♋49'34	1.41049 AU
evening rise	-3518 Aug 12 j 19:44	0°♌27'19	
	-3518 Aug 12 j 13:01	0°♌	
desc. node	-3518 Aug 20 j 13:35	12°♌42'06	
	-3518 Sep 01 j 07:39	0°♍	
greatest brilliancy	-3518 Sep 10 j 16:10	12°♍20'52	-0.3m
evening max el	-3518 Sep 15 j 16:41	17°♍58'12	22°54'01
retrograde	-3518 Sep 25 j 16:26	23°♍53'28	
evening set	-3518 Sep 30 j 10:04	21°♍57'46	
asc. node	-3518 Oct 05 j 09:49	16°♍07'45	
inferior conj	-3518 Oct 05 j 18:34	15°♍37'35	0°07'31
minimum elong	-3518 Oct 05 j 18:23	15°♍38'12	0°07'29
transit middle	-3518 Oct 05 j 18:23	15°♍38'12	0°07'29
transit begin	-3518 Oct 05 j 15:59	15°♍46'29	
transit end	-3518 Oct 05 j 20:47	15°♍29'56	
min. Earth dist.	-3518 Oct 05 j 14:17	15°♍52'22	0.67457 AU
morning rise	-3518 Oct 11 j 02:39	9°♍23'00	
direct	-3518 Oct 15 j 10:24	7°♍40'48	
morning max el	-3518 Oct 24 j 11:51	13°♍02'53	21°50'17
greatest brilliancy	-3518 Oct 29 j 09:38	18°♍38'49	-0.4m
	-3518 Nov 06 j 20:24	0°♎	
desc. node	-3518 Nov 16 j 13:17	14°♎15'56	
morning set	-3518 Nov 25 j 13:30	28°♎15'47	
	-3518 Nov 26 j 15:33	0°♏	
max. Earth dist.	-3518 Dec 02 j 02:35	8°♏54'56	1.41567 AU
superior conj	-3518 Dec 09 j 17:33	21°♏55'41	-1°-52'-48
minimum elong	-3518 Dec 09 j 15:08	21°♏45'03	1°52'51
	-3518 Dec 14 j 06:25	0°♐	
evening rise	-3518 Dec 20 j 10:14	11°♐16'10	
	-3518 Dec 31 j 02:29	0°♑	
asc. node	-3517 Jan 01 j 08:50	1°♑53'22	
evening max el	-3517 Jan 05 j 19:06	7°♑20'10	18°11'45
retrograde	-3517 Jan 12 j 17:14	10°♑50'13	
evening set	-3517 Jan 15 j 07:14	10°♑21'41	
inferior conj	-3517 Jan 22 j 05:30	5°♑30'00	4°00'47

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3517 Jan 22 j 06:01	5°♋28'48	4°00'39
min. Earth dist.	-3517 Jan 25 j 11:13	2°♋35'05	0.60495 AU
	-3517 Jan 28 j 20:16	30°℞♐	
morning rise	-3517 Jan 29 j 02:03	29°♐50'47	
direct	-3517 Feb 04 j 21:01	27°♐41'03	
	-3517 Feb 12 j 07:04	0°♋	
desc. node	-3517 Feb 12 j 12:35	0°♋08'17	
morning max el	-3517 Feb 19 j 00:45	5°♋21'36	27°24'37
	-3517 Mar 09 j 09:52	0°♒	
morning set	-3517 Mar 22 j 14:56	24°♒39'22	
	-3517 Mar 25 j 04:03	0°♓	
max. Earth dist.	-3517 Mar 29 j 02:05	8°♓27'44	1.32573 AU
superior conj	-3517 Mar 29 j 19:51	10°♓04'48	0°-5'-24
minimum elong	-3517 Mar 29 j 20:06	10°♓06'09	0°05'25
behind sun begin	-3517 Mar 29 j 15:21	9°♓40'11	
behind sun end	-3517 Mar 30 j 00:51	10°♓32'08	
asc. node	-3517 Mar 30 j 08:14	11°♓12'32	
evening rise	-3517 Apr 05 j 19:48	25°♓12'38	
	-3517 Apr 08 j 03:19	0°♈	
	-3517 Apr 25 j 22:13	0°♉	
evening max el	-3517 May 03 j 02:43	8°♉11'05	25°31'59
desc. node	-3517 May 11 j 11:25	14°♉06'52	
retrograde	-3517 May 17 j 04:25	15°♉23'04	
evening set	-3517 May 22 j 18:44	14°♉09'07	
min. Earth dist.	-3517 May 27 j 15:00	11°♉23'03	0.58178 AU
inferior conj	-3517 May 30 j 20:40	9°♉05'39	-4°-8'-48
minimum elong	-3517 May 30 j 17:25	9°♉11'26	4°08'23
morning rise	-3517 Jun 07 j 20:04	4°♉46'06	
direct	-3517 Jun 10 j 07:39	4°♉26'43	
morning max el	-3517 Jun 18 j 15:57	8°♉22'20	18°48'40
asc. node	-3517 Jun 26 j 07:46	18°♉24'31	
	-3517 Jul 02 j 18:28	0°♊	
morning set	-3517 Jul 05 j 02:47	4°♊32'38	
superior conj	-3517 Jul 13 j 19:54	21°♊27'28	1°49'01
minimum elong	-3517 Jul 13 j 19:50	21°♊27'07	1°49'08
	-3517 Jul 18 j 10:08	0°♋	
max. Earth dist.	-3517 Jul 20 j 17:50	4°♋10'49	1.39097 AU
evening rise	-3517 Jul 24 j 19:01	11°♋14'50	
	-3517 Aug 05 j 09:06	0°♌	
desc. node	-3517 Aug 07 j 10:35	3°♌07'33	
	-3517 Aug 27 j 18:59	0°♍	
evening max el	-3517 Aug 29 j 04:46	1°♍26'43	24°14'33
retrograde	-3517 Sep 09 j 07:02	7°♍57'35	
evening set	-3517 Sep 14 j 15:32	5°♍42'18	
min. Earth dist.	-3517 Sep 19 j 09:58	0°♍11'00	0.67303 AU
	-3517 Sep 19 j 13:14	30°℞♌	
inferior conj	-3517 Sep 20 j 00:40	29°♌21'25	0°-46'-14
minimum elong	-3517 Sep 20 j 01:45	29°♌17'43	0°45'42
asc. node	-3517 Sep 22 j 06:55	26°♌24'38	
morning rise	-3517 Sep 25 j 12:13	23°♌12'27	
direct	-3517 Sep 29 j 07:04	21°♌50'35	
morning max el	-3517 Oct 07 j 08:03	26°♌32'20	20°34'01
	-3517 Oct 10 j 10:15	0°♍	
greatest brilliancy	-3517 Oct 13 j 15:01	4°♍04'08	-0.5m
	-3517 Oct 31 j 08:31	0°♎	
desc. node	-3517 Nov 03 j 10:16	4°♎43'43	
morning set	-3517 Nov 04 j 14:21	6°♎32'29	
max. Earth dist.	-3517 Nov 14 j 10:17	22°♎04'51	1.43263 AU
	-3517 Nov 19 j 06:44	0°♏	
superior conj	-3517 Nov 20 j 15:36	2°♏16'13	-1°-35'-44
minimum elong	-3517 Nov 20 j 09:27	1°♏50'40	1°35'18
evening rise	-3517 Dec 03 j 00:33	23°♏29'55	
	-3517 Dec 06 j 17:26	0°♐	
asc. node	-3517 Dec 19 j 05:55	19°♐23'27	
evening max el	-3517 Dec 20 j 06:55	20°♐30'12	18°09'08
retrograde	-3517 Dec 26 j 20:44	23°♐58'30	
evening set	-3517 Dec 29 j 13:48	23°♐22'15	
inferior conj	-3516 Jan 05 j 00:35	18°♐09'05	3°56'15
minimum elong	-3516 Jan 04 j 22:56	18°♐13'22	3°55'59
min. Earth dist.	-3516 Jan 07 j 18:33	15°♐19'41	0.62443 AU
morning rise	-3516 Jan 11 j 06:05	12°♐15'58	
direct	-3516 Jan 18 j 07:20	9°♐38'55	
desc. node	-3516 Jan 30 j 09:40	15°♐40'38	
morning max el	-3516 Feb 01 j 05:35	17°♐23'50	27°43'20
	-3516 Feb 11 j 19:01	0°♑	
	-3516 Mar 01 j 02:11	0°♒	
morning set	-3516 Mar 05 j 18:08	9°♒09'22	
max. Earth dist.	-3516 Mar 11 j 11:53	21°♒09'35	1.32899 AU
superior conj	-3516 Mar 13 j 05:46	24°♒55'20	0°-30'-44
minimum elong	-3516 Mar 13 j 07:09	25°♒02'50	0°30'32
	-3516 Mar 15 j 13:56	0°♓	
asc. node	-3516 Mar 16 j 05:17	1°♓23'13	
evening rise	-3516 Mar 20 j 07:24	10°♓09'13	
	-3516 Mar 30 j 14:56	0°♈	
evening max el	-3516 Apr 13 j 18:43	19°♈00'04	24°03'55
desc. node	-3516 Apr 27 j 08:30	25°♈55'33	
retrograde	-3516 Apr 27 j 14:03	25°♈55'41	
evening set	-3516 May 01 j 20:20	25°♈15'16	
min. Earth dist.	-3516 May 08 j 06:12	22°♈09'28	0.56452 AU
inferior conj	-3516 May 10 j 17:15	20°♈38'00	-3°-18'-29
minimum elong	-3516 May 10 j 11:18	20°♈47'17	3°17'05
morning rise	-3516 May 19 j 06:12	16°♈35'59	
direct	-3516 May 21 j 18:10	16°♈19'35	
morning max el	-3516 May 31 j 12:53	20°♈51'38	19°45'14
	-3516 Jun 07 j 20:17	0°♉	
asc. node	-3516 Jun 12 j 04:49	7°♉22'06	
morning set	-3516 Jun 18 j 04:20	18°♉55'28	
	-3516 Jun 23 j 15:47	0°♊	
superior conj	-3516 Jun 26 j 05:03	5°♊06'16	1°44'15
minimum elong	-3516 Jun 26 j 03:19	4°♊57'42	1°44'17
max. Earth dist.	-3516 Jul 01 j 20:50	16°♊02'36	1.37194 AU
evening rise	-3516 Jul 05 j 19:06	23°♊16'03	
	-3516 Jul 09 j 14:52	0°♋	
desc. node	-3516 Jul 24 j 07:35	23°♋16'59	
	-3516 Jul 29 j 02:28	0°♌	
evening max el	-3516 Aug 10 j 15:28	14°♌58'01	25°29'46
retrograde	-3516 Aug 22 j 17:29	21°♌56'52	
evening set	-3516 Aug 28 j 17:02	19°♌24'20	
min. Earth dist.	-3516 Sep 02 j 02:39	14°♌29'40	0.66828 AU
inferior conj	-3516 Sep 03 j 04:28	13°♌06'06	-1°-39'-15
minimum elong	-3516 Sep 03 j 06:47	12°♌58'36	1°38'16
asc. node	-3516 Sep 08 j 04:01	7°♌36'07	
morning rise	-3516 Sep 08 j 21:07	7°♌05'48	
direct	-3516 Sep 12 j 05:11	6°♌01'22	
morning max el	-3516 Sep 19 j 11:37	10°♌11'01	19°30'26
greatest brilliancy	-3516 Sep 28 j 13:37	21°♌54'16	-0.7m
	-3516 Oct 03 j 23:20	0°♍	
morning set	-3516 Oct 13 j 15:40	14°♍58'01	
desc. node	-3516 Oct 20 j 07:16	25°♍20'52	
	-3516 Oct 23 j 06:24	0°♎	
max. Earth dist.	-3516 Oct 27 j 00:07	5°♎54'02	1.44402 AU
superior conj	-3516 Oct 30 j 10:28	11°♎21'35	-1°-1'-40
minimum elong	-3516 Oct 30 j 03:41	10°♎54'30	1°00'55
	-3516 Nov 10 j 21:17	0°♏	
evening rise	-3516 Nov 13 j 18:49	4°♏49'23	
	-3516 Nov 29 j 13:50	0°♐	
evening max el	-3516 Dec 02 j 19:31	3°♐50'21	18°25'24
asc. node	-3516 Dec 05 j 03:00	5°♐52'02	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3516 Dec 09 j 09:34	7°♐27'43	
evening set	-3516 Dec 12 j 06:44	6°♐42'25	
inferior conj	-3516 Dec 18 j 08:35	1°♐10'03	3°34'09
minimum elong	-3516 Dec 18 j 05:44	1°♐18'11	3°33'30
	-3516 Dec 19 j 08:55	30°℞♏	
min. Earth dist.	-3516 Dec 20 j 11:57	28°♏43'05	0.64132 AU
morning rise	-3516 Dec 24 j 03:20	25°♏06'54	
direct	-3516 Dec 31 j 01:23	22°♏17'07	
morning max el	-3515 Jan 13 j 14:16	0°♐00'49	27°26'14
	-3515 Jan 13 j 13:56	0°♐	
desc. node	-3515 Jan 16 j 06:46	2°♐49'51	
	-3515 Feb 04 j 17:37	0°♑	
morning set	-3515 Feb 17 j 13:39	23°♑12'12	
	-3515 Feb 20 j 22:52	0°♒	
max. Earth dist.	-3515 Feb 22 j 14:12	3°♒23'00	1.33622 AU
superior conj	-3515 Feb 25 j 12:14	9°♒31'16	0°-55'-26
minimum elong	-3515 Feb 25 j 14:38	9°♒44'04	0°55'06
asc. node	-3515 Mar 03 j 02:18	21°♒26'57	
evening rise	-3515 Mar 04 j 18:39	24°♒59'47	
	-3515 Mar 07 j 04:50	0°♓	
evening max el	-3515 Mar 26 j 11:47	29°♓42'07	22°29'35
	-3515 Mar 26 j 19:21	0°♈	
retrograde	-3515 Apr 08 j 11:28	6°♈03'10	
evening set	-3515 Apr 11 j 12:31	5°♈42'48	
desc. node	-3515 Apr 14 j 05:38	4°♈53'05	
min. Earth dist.	-3515 Apr 19 j 20:20	2°♈05'05	0.55367 AU
inferior conj	-3515 Apr 20 j 20:13	1°♈31'03	-1°-47'-42
minimum elong	-3515 Apr 20 j 15:32	1°♈37'44	1°46'12
	-3515 Apr 23 j 13:48	30°℞♓	
morning rise	-3515 Apr 29 j 20:42	27°♓34'28	
direct	-3515 May 02 j 11:56	27°♓18'28	
	-3515 May 10 j 14:49	0°♈	
morning max el	-3515 May 13 j 23:13	2°♈40'36	21°01'23
asc. node	-3515 May 30 j 01:52	26°♈47'22	
	-3515 May 31 j 16:39	0°♉	
morning set	-3515 Jun 02 j 11:24	3°♉37'21	
superior conj	-3515 Jun 10 j 00:54	19°♉19'03	1°32'43
minimum elong	-3515 Jun 09 j 22:22	19°♉06'02	1°32'34
max. Earth dist.	-3515 Jun 14 j 06:04	27°♉50'21	1.35545 AU
	-3515 Jun 15 j 08:23	0°♊	
evening rise	-3515 Jun 18 j 14:59	6°♊17'29	
	-3515 Jul 02 j 08:35	0°♋	
desc. node	-3515 Jul 11 j 04:36	13°♋02'37	
evening max el	-3515 Jul 24 j 02:32	28°♋28'51	26°31'43
	-3515 Jul 25 j 17:35	0°♌	
retrograde	-3515 Aug 05 j 23:08	5°♌44'39	
evening set	-3515 Aug 12 j 12:23	3°♌00'37	
	-3515 Aug 15 j 12:08	30°℞♋	
min. Earth dist.	-3515 Aug 16 j 13:56	28°♋44'19	0.66006 AU
inferior conj	-3515 Aug 18 j 04:02	26°♋48'29	-2°-29'-46
minimum elong	-3515 Aug 18 j 07:22	26°♋38'20	2°28'32
morning rise	-3515 Aug 24 j 03:20	20°♋59'57	
asc. node	-3515 Aug 26 j 01:08	20°♋16'03	
direct	-3515 Aug 27 j 02:58	20°♋09'29	
morning max el	-3515 Sep 02 j 21:16	23°♋55'40	18°42'01
	-3515 Sep 07 j 20:15	0°♌	
morning set	-3515 Sep 23 j 13:54	24°♌27'27	
	-3515 Sep 27 j 01:06	0°♍	
desc. node	-3515 Oct 07 j 04:13	16°♍03'15	
superior conj	-3515 Oct 09 j 11:27	19°♍40'51	0°-14'-37
minimum elong	-3515 Oct 09 j 09:31	19°♍33'14	0°14'22
behind sun begin	-3515 Oct 09 j 04:02	19°♍11'37	
behind sun end	-3515 Oct 09 j 15:00	19°♍54'51	
max. Earth dist.	-3515 Oct 09 j 17:17	20°♍03'51	1.44854 AU
	-3515 Oct 16 j 00:36	0°♎	
evening rise	-3515 Oct 25 j 12:54	15°♎05'57	
	-3515 Nov 03 j 21:21	0°♏	
evening max el	-3515 Nov 16 j 06:19	17°♏15'43	18°59'27
asc. node	-3515 Nov 22 j 00:05	21°♏03'43	
retrograde	-3515 Nov 23 j 03:50	21°♏11'13	
evening set	-3515 Nov 26 j 06:57	20°♏14'47	
inferior conj	-3515 Dec 02 j 01:56	14°♏26'08	3°00'03
minimum elong	-3515 Dec 01 j 22:49	14°♏35'50	2°59'05
min. Earth dist.	-3515 Dec 03 j 14:52	12°♏31'27	0.65471 AU
morning rise	-3515 Dec 07 j 13:42	8°♏15'54	
direct	-3515 Dec 14 j 01:53	5°♏27'48	
morning max el	-3515 Dec 26 j 23:55	13°♏00'06	26°38'29
desc. node	-3514 Jan 03 j 03:50	21°♏07'37	
	-3514 Jan 09 j 19:01	0°♐	
	-3514 Jan 28 j 08:24	0°♑	
morning set	-3514 Jan 31 j 21:54	6°♑36'47	
max. Earth dist.	-3514 Feb 05 j 05:43	15°♑01'17	1.34785 AU
superior conj	-3514 Feb 09 j 13:05	23°♑46'03	-1°-18'-15
minimum elong	-3514 Feb 09 j 16:11	24°♑02'04	1°17'56
	-3514 Feb 12 j 12:55	0°♒	
evening rise	-3514 Feb 17 j 03:43	9°♒38'29	
asc. node	-3514 Feb 17 j 23:19	11°♒19'23	
	-3514 Feb 28 j 01:34	0°♓	
evening max el	-3514 Mar 08 j 12:14	10°♓44'42	21°01'56
retrograde	-3514 Mar 20 j 01:02	16°♓15'29	
evening set	-3514 Mar 22 j 10:40	16°♓02'02	
inferior conj	-3514 Mar 31 j 15:25	12°♓04'06	0°07'54
minimum elong	-3514 Mar 31 j 15:47	12°♓03'35	0°07'44
transit middle	-3514 Mar 31 j 15:47	12°♓03'35	0°07'44
transit begin	-3514 Mar 31 j 12:12	12°♓08'39	
transit end	-3514 Mar 31 j 19:21	11°♓58'30	
desc. node	-3514 Apr 01 j 02:45	11°♓47'58	
min. Earth dist.	-3514 Apr 01 j 10:31	11°♓36'56	0.55179 AU
morning rise	-3514 Apr 09 j 19:56	7°♓55'23	
direct	-3514 Apr 12 j 23:56	7°♓33'31	
morning max el	-3514 Apr 25 j 22:58	13°♓48'44	22°33'18
	-3514 May 08 j 04:46	0°♈	
asc. node	-3514 May 16 j 22:53	16°♈33'06	
morning set	-3514 May 17 j 21:52	18°♈32'09	
	-3514 May 23 j 07:45	0°♉	
superior conj	-3514 May 25 j 04:07	3°♉55'36	1°16'13
minimum elong	-3514 May 25 j 01:29	3°♉41'39	1°15'54
max. Earth dist.	-3514 May 28 j 01:18	9°♉58'05	1.34256 AU
evening rise	-3514 Jun 02 j 01:31	20°♉04'30	
	-3514 Jun 07 j 07:32	0°♊	
	-3514 Jun 26 j 08:21	0°♋	
desc. node	-3514 Jun 28 j 01:38	2°♋14'10	
evening max el	-3514 Jul 06 j 14:04	11°♋51'15	27°12'26
retrograde	-3514 Jul 19 j 23:22	19°♋13'37	
evening set	-3514 Jul 26 j 22:56	16°♋27'20	
min. Earth dist.	-3514 Jul 30 j 17:34	12°♋48'41	0.64814 AU
inferior conj	-3514 Aug 01 j 21:08	10°♋24'38	-3°-15'-25
minimum elong	-3514 Aug 02 j 01:01	10°♋13'47	3°14'15
morning rise	-3514 Aug 08 j 04:33	4°♋51'10	
direct	-3514 Aug 10 j 22:12	4°♋11'18	
asc. node	-3514 Aug 12 j 22:13	4°♋32'33	
morning max el	-3514 Aug 17 j 10:49	7°♋42'21	18°10'22
	-3514 Sep 01 j 11:58	0°♌	
morning set	-3514 Sep 04 j 15:49	5°♌17'21	
superior conj	-3514 Sep 18 j 15:59	28°♌14'52	0°33'56
minimum elong	-3514 Sep 18 j 19:56	28°♌30'43	0°33'30
	-3514 Sep 19 j 18:17	0°♍	
max. Earth dist.	-3514 Sep 22 j 11:17	4°♍18'18	1.44578 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3514 Sep 24 j 01:08	6°♍47'53	
evening rise	-3514 Oct 05 j 07:13	24°♍22'48	
	-3514 Oct 08 j 22:21	0°♎	
greatest brilliancy	-3514 Oct 22 j 19:46	20°♎56'26	-0.6m
	-3514 Oct 29 j 21:02	0°♏	
evening max el	-3514 Oct 30 j 13:05	0°♏42'33	19°49'37
retrograde	-3514 Nov 07 j 00:39	5°♏04'17	
asc. node	-3514 Nov 08 j 21:11	4°♏44'20	
evening set	-3514 Nov 10 j 11:48	3°♏54'13	
	-3514 Nov 14 j 10:07	30°℞♎	
inferior conj	-3514 Nov 16 j 01:46	27°♎52'13	2°17'39
minimum elong	-3514 Nov 15 j 23:01	28°♎01'18	2°16'39
min. Earth dist.	-3514 Nov 17 j 01:32	26°♎33'59	0.66451 AU
morning rise	-3514 Nov 21 j 09:34	21°♎37'25	
direct	-3514 Nov 27 j 08:00	19°♎02'03	
morning max el	-3514 Dec 09 j 08:49	26°♎09'44	25°28'10
	-3514 Dec 12 j 22:16	0°♏	
desc. node	-3514 Dec 21 j 00:50	10°♏12'59	
	-3513 Jan 03 j 08:49	0°♐	
morning set	-3513 Jan 14 j 14:01	19°♐07'34	
max. Earth dist.	-3513 Jan 18 j 09:37	26°♐11'10	1.36397 AU
	-3513 Jan 20 j 09:37	0°♑	
superior conj	-3513 Jan 24 j 05:29	7°♑30'08	-1°-37'-33
minimum elong	-3513 Jan 24 j 08:38	7°♑45'49	1°37'23
evening rise	-3513 Feb 01 j 08:33	23°♑57'58	
	-3513 Feb 04 j 09:09	0°♒	
asc. node	-3513 Feb 04 j 20:20	0°♒54'33	
evening max el	-3513 Feb 18 j 22:59	22°♒20'37	19°49'17
retrograde	-3513 Feb 28 j 18:50	27°♒00'39	
evening set	-3513 Mar 03 j 01:49	26°♒46'35	
inferior conj	-3513 Mar 11 j 16:50	22°♒44'35	1°56'30
minimum elong	-3513 Mar 11 j 21:16	22°♒37'42	1°55'04
min. Earth dist.	-3513 Mar 14 j 00:43	21°♒18'07	0.55922 AU
desc. node	-3513 Mar 18 j 23:52	18°♒42'48	
morning rise	-3513 Mar 20 j 13:32	18°♒09'26	
direct	-3513 Mar 24 j 18:01	17°♒30'30	
morning max el	-3513 Apr 07 j 15:17	24°♒27'33	24°12'37
	-3513 Apr 12 j 16:42	0°♓	
	-3513 Apr 30 j 16:49	0°♈	
morning set	-3513 May 02 j 09:55	3°♈33'11	
asc. node	-3513 May 03 j 19:52	6°♈32'38	
superior conj	-3513 May 09 j 12:07	18°♈46'57	0°56'06
minimum elong	-3513 May 09 j 09:54	18°♈35'00	0°55'44
max. Earth dist.	-3513 May 11 j 05:48	22°♈31'05	1.33337 AU
	-3513 May 14 j 18:57	0°♉	
evening rise	-3513 May 16 j 22:24	4°♉23'17	
	-3513 May 31 j 00:45	0°♊	
desc. node	-3513 Jun 14 j 22:42	20°♊37'05	
evening max el	-3513 Jun 19 j 00:09	24°♊52'10	27°25'15
	-3513 Jun 25 j 13:03	0°♋	
retrograde	-3513 Jul 02 j 17:29	2°♋15'03	
	-3513 Jul 09 j 09:15	30°℞♊	
evening set	-3513 Jul 09 j 21:21	29°♊38'50	
min. Earth dist.	-3513 Jul 13 j 11:42	26°♊32'45	0.63244 AU
inferior conj	-3513 Jul 16 j 05:04	23°♊48'36	-3°-52'-54
minimum elong	-3513 Jul 16 j 08:39	23°♊39'34	3°52'08
morning rise	-3513 Jul 22 j 22:01	18°♊33'34	
direct	-3513 Jul 25 j 11:56	18°♊01'36	
asc. node	-3513 Jul 30 j 19:16	20°♊16'35	
morning max el	-3513 Aug 01 j 01:47	21°♊25'54	17°56'32
	-3513 Aug 07 j 14:20	0°♋	
morning set	-3513 Aug 17 j 18:15	17°♋17'33	
	-3513 Aug 25 j 01:56	0°♌	
superior conj	-3513 Aug 29 j 18:59	7°♌56'48	1°12'35

minimum elong	-3513 Aug 30 j 00:40	8°♌20'30	1°12'05
max. Earth dist.	-3513 Sep 05 j 02:57	18°♌18'58	1.43611 AU
desc. node	-3513 Sep 10 j 22:05	27°♌32'00	
	-3513 Sep 12 j 11:55	0°♍	
evening rise	-3513 Sep 14 j 12:09	3°♍07'29	
	-3513 Oct 02 j 11:29	0°♎	
greatest brilliancy	-3513 Oct 07 j 21:55	7°♎26'15	-0.5m
evening max el	-3513 Oct 13 j 14:12	14°♎09'11	20°53'35
retrograde	-3513 Oct 21 j 21:46	19°♎04'22	
evening set	-3513 Oct 25 j 19:11	17°♎38'02	
asc. node	-3513 Oct 26 j 18:16	16°♎49'58	
inferior conj	-3513 Oct 31 j 05:48	11°♎26'02	1°29'41
minimum elong	-3513 Oct 31 j 03:50	11°♎32'43	1°28'54
min. Earth dist.	-3513 Oct 31 j 17:53	10°♎44'49	0.67089 AU
morning rise	-3513 Nov 05 j 12:05	5°♎09'07	
direct	-3513 Nov 10 j 19:08	2°♎53'00	
morning max el	-3513 Nov 21 j 17:31	9°♎24'08	24°04'57
desc. node	-3513 Dec 07 j 21:49	29°♎52'22	
	-3513 Dec 07 j 23:57	0°♏	
morning set	-3513 Dec 27 j 08:07	0°♐29'02	
	-3513 Dec 27 j 01:22	0°♐	
max. Earth dist.	-3513 Dec 31 j 06:22	7°♐22'06	1.38353 AU
superior conj	-3512 Jan 07 j 09:52	20°♐33'46	-1°-51'-2
minimum elong	-3512 Jan 07 j 12:00	20°♐43'56	1°51'05
	-3512 Jan 12 j 06:51	0°♑	
evening rise	-3512 Jan 16 j 06:50	7°♑52'03	
asc. node	-3512 Jan 22 j 17:22	20°♑06'15	
	-3512 Jan 28 j 22:16	0°♒	
evening max el	-3512 Feb 01 j 19:49	4°♒31'34	18°55'33
retrograde	-3512 Feb 10 j 04:20	8°♒32'38	
evening set	-3512 Feb 12 j 13:34	8°♒14'20	
inferior conj	-3512 Feb 20 j 11:28	3°♒56'15	3°13'03
minimum elong	-3512 Feb 20 j 16:00	3°♒48'06	3°12'00
min. Earth dist.	-3512 Feb 23 j 16:18	1°♒39'31	0.57409 AU
	-3512 Feb 26 j 07:14	30°℞♑	
morning rise	-3512 Feb 28 j 14:38	28°♑50'55	
desc. node	-3512 Mar 04 j 20:59	27°♑41'06	
direct	-3512 Mar 05 j 00:21	27°♑41'03	
	-3512 Mar 12 j 18:18	0°♒	
morning max el	-3512 Mar 19 j 06:25	5°♒04'02	25°45'44
	-3512 Apr 06 j 07:58	0°♓	
morning set	-3512 Apr 15 j 21:51	18°♓34'35	
asc. node	-3512 Apr 19 j 16:51	26°♓41'08	
	-3512 Apr 21 j 05:23	0°♈	
superior conj	-3512 Apr 22 j 22:51	3°♈46'25	0°33'25
minimum elong	-3512 Apr 22 j 21:26	3°♈38'38	0°33'07
max. Earth dist.	-3512 Apr 23 j 16:33	5°♈22'54	1.32770 AU
evening rise	-3512 Apr 30 j 02:23	19°♈03'19	
	-3512 May 05 j 14:50	0°♉	
	-3512 May 24 j 15:23	0°♊	
evening max el	-3512 May 31 j 06:10	7°♊18'31	27°05'49
desc. node	-3512 May 31 j 19:47	7°♊50'35	
retrograde	-3512 Jun 14 j 04:51	14°♊39'46	
evening set	-3512 Jun 21 j 03:35	12°♊27'34	
min. Earth dist.	-3512 Jun 24 j 19:41	9°♊42'34	0.61359 AU
inferior conj	-3512 Jun 28 j 00:34	6°♊52'24	-4°-17'-8
minimum elong	-3512 Jun 28 j 02:33	6°♊47'58	4°16'52
morning rise	-3512 Jul 05 j 04:22	1°♊58'36	
direct	-3512 Jul 07 j 16:26	1°♊32'35	
morning max el	-3512 Jul 14 j 15:24	4°♊59'43	18°01'20
asc. node	-3512 Jul 16 j 16:18	7°♊12'46	
morning set	-3512 Jul 30 j 15:32	0°♋11'51	
	-3512 Jul 30 j 12:57	0°♋	
superior conj	-3512 Aug 10 j 01:39	19°♋00'58	1°36'53

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3512 Aug 10 j 05:35	19°♋18'11	1°36'43
	-3512 Aug 16 j 11:42	0°♌	
max. Earth dist.	-3512 Aug 17 j 13:15	1°♌46'21	1.42085 AU
evening rise	-3512 Aug 23 j 22:39	12°♌08'56	
desc. node	-3512 Aug 27 j 19:04	18°♌11'52	
	-3512 Sep 04 j 13:42	0°♍	
greatest brilliancy	-3512 Sep 20 j 14:58	22°♍11'57	-0.3m
evening max el	-3512 Sep 25 j 09:05	27°♍34'35	22°08'09
	-3512 Sep 27 j 23:43	0°♎	
retrograde	-3512 Oct 04 j 17:30	3°♎08'06	
evening set	-3512 Oct 09 j 03:13	1°♎23'25	
	-3512 Oct 10 j 15:00	30°℞♍	
asc. node	-3512 Oct 12 j 15:22	27°♍36'14	
inferior conj	-3512 Oct 14 j 12:01	25°♍04'57	0°38'08
minimum elong	-3512 Oct 14 j 11:08	25°♍07'59	0°37'47
min. Earth dist.	-3512 Oct 14 j 13:30	24°♍59'47	0.67406 AU
morning rise	-3512 Oct 19 j 18:54	18°♍48'37	
direct	-3512 Oct 24 j 10:43	16°♍54'14	
morning max el	-3512 Nov 03 j 04:26	22°♍42'08	22°38'21
greatest brilliancy	-3512 Nov 07 j 21:30	27°♍59'58	-0.3m
	-3512 Nov 09 j 12:11	0°♎	
desc. node	-3512 Nov 23 j 18:48	19°♎55'36	
	-3512 Nov 30 j 09:16	0°♏	
morning set	-3512 Dec 06 j 22:37	10°♏28'05	
max. Earth dist.	-3512 Dec 12 j 03:10	19°♏07'09	1.40428 AU
	-3512 Dec 18 j 08:55	0°♐	
superior conj	-3512 Dec 19 j 21:30	2°♐44'23	-1°-55'-39
minimum elong	-3512 Dec 19 j 21:09	2°♐42'49	1°55'47
evening rise	-3512 Dec 29 j 19:39	21°♐13'21	
	-3511 Jan 03 j 12:23	0°♑	
asc. node	-3511 Jan 08 j 14:25	8°♑46'41	
evening max el	-3511 Jan 15 j 00:44	17°♑11'59	18°21'57
retrograde	-3511 Jan 22 j 08:25	20°♑49'17	
evening set	-3511 Jan 24 j 20:34	20°♑24'57	
inferior conj	-3511 Feb 01 j 02:43	15°♑46'05	3°52'28
minimum elong	-3511 Feb 01 j 04:50	15°♑41'40	3°52'09
min. Earth dist.	-3511 Feb 04 j 11:52	12°♑57'55	0.59325 AU
morning rise	-3511 Feb 08 j 09:45	10°♑16'44	
direct	-3511 Feb 14 j 19:34	8°♑27'53	
desc. node	-3511 Feb 19 j 18:05	9°♑29'14	
morning max el	-3511 Mar 01 j 01:46	16°♑05'02	26°57'33
	-3511 Mar 12 j 11:03	0°♒	
	-3511 Mar 29 j 15:11	0°♓	
morning set	-3511 Mar 31 j 08:01	3°♓30'13	
asc. node	-3511 Apr 06 j 13:52	16°♓54'21	
superior conj	-3511 Apr 07 j 10:38	18°♓48'00	0°09'04
minimum elong	-3511 Apr 07 j 10:14	18°♓45'48	0°08'57
behind sun begin	-3511 Apr 07 j 06:05	18°♓23'05	
behind sun end	-3511 Apr 07 j 14:23	19°♓08'30	
max. Earth dist.	-3511 Apr 07 j 05:53	18°♓21'58	1.32541 AU
	-3511 Apr 12 j 14:19	0°♈	
evening rise	-3511 Apr 14 j 10:58	3°♈56'17	
	-3511 Apr 28 j 11:53	0°♉	
evening max el	-3511 May 13 j 06:12	19°♉03'29	26°14'13
desc. node	-3511 May 18 j 16:53	23°♉26'36	
retrograde	-3511 May 27 j 08:15	26°♉21'07	
evening set	-3511 Jun 02 j 13:42	24°♉44'38	
min. Earth dist.	-3511 Jun 06 j 19:06	22°♉03'44	0.59314 AU
inferior conj	-3511 Jun 10 j 04:06	19°♉27'49	-4°-20'-25
minimum elong	-3511 Jun 10 j 03:00	19°♉29'56	4°20'18
morning rise	-3511 Jun 17 j 20:02	14°♉56'17	
direct	-3511 Jun 20 j 07:25	14°♉34'54	
morning max el	-3511 Jun 28 j 00:51	18°♉16'27	18°25'37
asc. node	-3511 Jul 03 j 13:22	25°♉06'25	
	-3511 Jul 06 j 14:34	0°♊	
morning set	-3511 Jul 14 j 02:45	13°♊48'15	
	-3511 Jul 22 j 15:34	0°♋	
superior conj	-3511 Jul 23 j 08:24	1°♋17'49	1°47'46
minimum elong	-3511 Jul 23 j 09:40	1°♋23'40	1°47'52
max. Earth dist.	-3511 Jul 30 j 17:32	14°♋29'33	1.40220 AU
evening rise	-3511 Aug 04 j 06:51	22°♋12'51	
	-3511 Aug 09 j 01:39	0°♌	
desc. node	-3511 Aug 14 j 16:04	8°♌43'55	
	-3511 Aug 29 j 14:21	0°♍	
evening max el	-3511 Sep 07 j 22:55	11°♍01'04	23°28'25
retrograde	-3511 Sep 18 j 10:23	17°♍12'56	
evening set	-3511 Sep 23 j 10:08	15°♍08'50	
inferior conj	-3511 Sep 28 j 18:41	8°♍47'39	0°-15'-14
minimum elong	-3511 Sep 28 j 19:02	8°♍46'26	0°15'03
transit middle	-3511 Sep 28 j 19:02	8°♍46'26	0°15'03
transit begin	-3511 Sep 28 j 17:59	8°♍50'03	
transit end	-3511 Sep 28 j 20:05	8°♍42'49	
min. Earth dist.	-3511 Sep 28 j 10:00	9°♍17'23	0.67424 AU
asc. node	-3511 Sep 29 j 12:28	7°♍46'56	
morning rise	-3511 Oct 04 j 04:00	2°♍34'52	
direct	-3511 Oct 08 j 05:56	1°♍01'41	
morning max el	-3511 Oct 16 j 20:34	6°♍06'23	21°16'29
greatest brilliancy	-3511 Oct 22 j 05:37	12°♍20'57	-0.4m
	-3511 Nov 03 j 20:11	0°♎	
desc. node	-3511 Nov 10 j 15:47	10°♎15'53	
morning set	-3511 Nov 16 j 09:44	19°♎10'37	
	-3511 Nov 23 j 04:12	0°♏	
max. Earth dist.	-3511 Nov 24 j 05:43	1°♏44'10	1.42341 AU
superior conj	-3511 Dec 01 j 10:47	13°♏48'42	-1°-47'-36
minimum elong	-3511 Dec 01 j 06:40	13°♏31'08	1°47'28
	-3511 Dec 10 j 15:31	0°♐	
evening rise	-3511 Dec 12 j 19:26	3°♐54'12	
asc. node	-3511 Dec 26 j 11:30	26°♐46'06	
	-3511 Dec 29 j 05:23	0°♑	
evening max el	-3511 Dec 29 j 10:56	0°♑14'00	18°08'18
retrograde	-3510 Jan 05 j 04:28	3°♑41'46	
evening set	-3510 Jan 07 j 19:37	3°♑10'12	
	-3510 Jan 12 j 13:12	30°℞♐	
inferior conj	-3510 Jan 14 j 12:43	28°♐09'32	4°01'26
minimum elong	-3510 Jan 14 j 12:12	28°♐10'47	4°01'18
min. Earth dist.	-3510 Jan 17 j 14:16	25°♐14'03	0.61346 AU
morning rise	-3510 Jan 21 j 02:19	22°♐23'44	
direct	-3510 Jan 28 j 01:24	20°♐00'19	
desc. node	-3510 Feb 06 j 15:11	23°♐50'14	
morning max el	-3510 Feb 11 j 03:12	27°♐44'02	27°37'00
	-3510 Feb 13 j 07:57	0°♑	
	-3510 Mar 06 j 02:16	0°♒	
morning set	-3510 Mar 15 j 14:24	18°♒11'55	
	-3510 Mar 21 j 04:22	0°♓	
max. Earth dist.	-3510 Mar 21 j 17:55	1°♓13'30	1.32661 AU
superior conj	-3510 Mar 22 j 21:43	3°♓44'39	0°-16'-9
minimum elong	-3510 Mar 22 j 22:27	3°♓48'39	0°16'05
asc. node	-3510 Mar 24 j 10:53	7°♓07'20	
evening rise	-3510 Mar 29 j 22:00	18°♓53'41	
	-3510 Apr 04 j 09:52	0°♈	
	-3510 Apr 24 j 20:37	0°♉	
evening max el	-3510 Apr 25 j 00:25	0°♉09'07	24°56'17
desc. node	-3510 May 05 j 14:00	6°♉48'18	
retrograde	-3510 May 09 j 01:05	7°♉16'10	
evening set	-3510 May 14 j 01:57	6°♉18'01	
min. Earth dist.	-3510 May 19 j 12:39	3°♉24'46	0.57382 AU
inferior conj	-3510 May 22 j 12:23	1°♉25'00	-3°-52'-31
minimum elong	-3510 May 22 j 07:41	1°♉32'55	3°51'43
	-3510 May 24 j 16:22	30°℞♈	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3510 May 30 j 17:31	27°♈13'38	
direct	-3510 Jun 02 j 04:59	26°♈55'47	
	-3510 Jun 09 j 20:55	0°♉	
morning max el	-3510 Jun 11 j 03:04	1°♉05'33	19°10'11
asc. node	-3510 Jun 20 j 10:25	13°♉43'39	
morning set	-3510 Jun 27 j 23:57	27°♉56'11	
	-3510 Jun 29 j 00:56	0°♊	
superior conj	-3510 Jul 06 j 09:21	14°♊30'21	1°47'56
minimum elong	-3510 Jul 06 j 08:28	14°♊26'05	1°48'03
max. Earth dist.	-3510 Jul 12 j 19:13	26°♊33'39	1.38267 AU
	-3510 Jul 14 j 16:59	0°♋	
evening rise	-3510 Jul 16 j 17:11	3°♋32'53	
desc. node	-3510 Aug 01 j 13:05	29°♋03'04	
	-3510 Aug 02 j 04:30	0°♌	
evening max el	-3510 Aug 21 j 10:13	24°♌30'59	24°47'48
	-3510 Aug 28 j 10:46	0°♍	
retrograde	-3510 Sep 01 j 23:20	1°♍15'03	
	-3510 Sep 06 j 01:50	30°℞♌	
evening set	-3510 Sep 07 j 14:09	28°♌52'18	
min. Earth dist.	-3510 Sep 12 j 04:49	23°♌36'00	0.67135 AU
inferior conj	-3510 Sep 13 j 00:02	22°♌32'06	-1°-8'-54
minimum elong	-3510 Sep 13 j 01:40	22°♌26'41	1°08'10
asc. node	-3510 Sep 16 j 09:34	18°♌20'52	
morning rise	-3510 Sep 18 j 13:32	16°♌26'09	
direct	-3510 Sep 22 j 03:32	15°♌11'58	
morning max el	-3510 Sep 29 j 19:50	19°♌39'10	20°05'11
greatest brilliancy	-3510 Oct 07 j 01:24	28°♌33'41	-0.6m
	-3510 Oct 08 j 02:13	0°♍	
morning set	-3510 Oct 26 j 07:42	27°♍22'03	
	-3510 Oct 28 j 00:25	0°♎	
desc. node	-3510 Oct 28 j 12:45	0°♎48'01	
max. Earth dist.	-3510 Nov 06 j 16:00	15°♎11'51	1.43822 AU
superior conj	-3510 Nov 11 j 21:07	23°♎36'50	-1°-23'-20
minimum elong	-3510 Nov 11 j 14:04	23°♎08'08	1°22'42
	-3510 Nov 15 j 18:14	0°♏	
evening rise	-3510 Nov 25 j 01:47	15°♏46'00	
	-3510 Dec 03 j 10:04	0°♐	
evening max el	-3510 Dec 12 j 23:32	13°♐30'03	18°13'52
asc. node	-3510 Dec 13 j 08:35	13°♐52'26	
retrograde	-3510 Dec 19 j 12:21	17°♐00'37	
evening set	-3510 Dec 22 j 07:04	16°♐20'38	
inferior conj	-3510 Dec 28 j 13:47	10°♐59'10	3°48'39
minimum elong	-3510 Dec 28 j 11:30	11°♐05'21	3°48'13
min. Earth dist.	-3510 Dec 31 j 01:45	8°♐17'42	0.63204 AU
morning rise	-3509 Jan 03 j 14:15	5°♐01'43	
direct	-3509 Jan 10 j 15:21	2°♐17'13	
morning max el	-3509 Jan 24 j 09:47	10°♐02'01	27°40'10
desc. node	-3509 Jan 24 j 12:15	10°♐08'06	
	-3509 Feb 09 j 02:23	0°♑	
	-3509 Feb 26 j 08:08	0°♒	
morning set	-3509 Feb 27 j 14:42	2°♒31'54	
max. Earth dist.	-3509 Mar 05 j 00:59	13°♒44'54	1.33160 AU
superior conj	-3509 Mar 07 j 06:26	18°♒30'23	0°-41'-20
minimum elong	-3509 Mar 07 j 08:17	18°♒40'18	0°41'04
asc. node	-3509 Mar 11 j 07:55	27°♒16'02	
	-3509 Mar 12 j 14:30	0°♓	
evening rise	-3509 Mar 14 j 09:42	3°♓49'07	
	-3509 Mar 28 j 18:26	0°♈	
evening max el	-3509 Apr 06 j 16:17	10°♈52'34	23°23'42
retrograde	-3509 Apr 20 j 04:59	17°♈34'57	
desc. node	-3509 Apr 22 j 11:06	17°♈23'40	
evening set	-3509 Apr 23 j 21:42	17°♈05'02	
min. Earth dist.	-3509 May 01 j 03:09	13°♈47'21	0.55903 AU
inferior conj	-3509 May 03 j 00:48	12°♈39'44	-2°-44'-34
minimum elong	-3509 May 02 j 18:46	12°♈48'42	2°42'53
morning rise	-3509 May 11 j 19:06	8°♈41'35	
direct	-3509 May 14 j 08:01	8°♈25'40	
morning max el	-3509 May 24 j 19:30	13°♈17'50	20°15'15
	-3509 Jun 05 j 17:45	0°♉	
asc. node	-3509 Jun 07 j 07:28	2°♉54'00	
morning set	-3509 Jun 12 j 04:07	12°♉27'52	
superior conj	-3509 Jun 19 j 23:29	28°♉24'34	1°40'03
minimum elong	-3509 Jun 19 j 21:19	28°♉13'38	1°40'01
	-3509 Jun 20 j 18:28	0°♊	
max. Earth dist.	-3509 Jun 25 j 00:31	8°♊21'24	1.36461 AU
evening rise	-3509 Jun 29 j 02:21	16°♊01'22	
	-3509 Jul 07 j 01:58	0°♋	
desc. node	-3509 Jul 19 j 10:06	19°♋03'12	
	-3509 Jul 27 j 15:36	0°♌	
evening max el	-3509 Aug 03 j 21:09	8°♌03'09	25°58'20
retrograde	-3509 Aug 16 j 07:34	15°♌09'42	
evening set	-3509 Aug 22 j 13:16	12°♌31'34	
min. Earth dist.	-3509 Aug 26 j 19:27	7°♌53'06	0.66523 AU
inferior conj	-3509 Aug 28 j 02:16	6°♌15'49	-2°-1'-8
minimum elong	-3509 Aug 28 j 05:03	6°♌07'00	2°00'00
morning rise	-3509 Sep 02 j 21:33	0°♌20'04	
asc. node	-3509 Sep 03 j 06:41	0°♌06'57	
	-3509 Sep 03 j 12:04	30°℞♋	
direct	-3509 Sep 06 j 01:50	29°♋21'48	
	-3509 Sep 08 j 17:36	0°♌	
morning max el	-3509 Sep 13 j 02:06	3°♌20'04	19°07'52
	-3509 Oct 01 j 17:53	0°♍	
morning set	-3509 Oct 05 j 16:06	6°♍09'56	
desc. node	-3509 Oct 15 j 09:42	21°♍27'24	
max. Earth dist.	-3509 Oct 20 j 08:08	29°♍13'45	1.44682 AU
	-3509 Oct 20 j 19:51	0°♎	
superior conj	-3509 Oct 22 j 06:15	2°♎16'00	0°-42'-44
minimum elong	-3509 Oct 22 j 00:57	1°♎55'01	0°42'06
evening rise	-3509 Nov 06 j 10:03	26°♎39'01	
	-3509 Nov 08 j 11:08	0°♏	
evening max el	-3509 Nov 26 j 11:41	26°♏52'50	18°37'49
asc. node	-3509 Nov 30 j 05:40	29°♏50'13	
	-3509 Nov 30 j 13:40	0°♐	
retrograde	-3509 Dec 03 j 03:53	0°♐36'39	
	-3509 Dec 05 j 17:07	30°℞♏	
evening set	-3509 Dec 06 j 03:28	29°♏46'42	
inferior conj	-3509 Dec 12 j 02:07	24°♏06'52	3°20'53
minimum elong	-3509 Dec 11 j 23:04	24°♏15'57	3°20'05
min. Earth dist.	-3509 Dec 13 j 23:07	21°♏53'12	0.64746 AU
morning rise	-3509 Dec 17 j 17:30	18°♏00'36	
direct	-3509 Dec 24 j 11:59	15°♏10'16	
morning max el	-3508 Jan 06 j 19:08	22°♏49'42	27°09'20
desc. node	-3508 Jan 11 j 09:17	27°♏49'03	
	-3508 Jan 13 j 04:52	0°♐	
	-3508 Feb 02 j 08:04	0°♑	
morning set	-3508 Feb 11 j 05:54	16°♑19'40	
max. Earth dist.	-3508 Feb 15 j 23:13	25°♑44'29	1.34070 AU
	-3508 Feb 18 j 00:44	0°♒	
superior conj	-3508 Feb 19 j 10:47	2°♒58'04	-1°-5'-25
minimum elong	-3508 Feb 19 j 13:32	3°♒12'34	1°05'04
asc. node	-3508 Feb 26 j 04:56	17°♒15'35	
evening rise	-3508 Feb 26 j 20:14	18°♒35'31	
	-3508 Mar 03 j 13:10	0°♓	
evening max el	-3508 Mar 18 j 11:47	21°♓40'09	21°50'44
retrograde	-3508 Mar 30 j 21:45	27°♓40'54	
evening set	-3508 Apr 02 j 14:38	27°♓24'34	
desc. node	-3508 Apr 08 j 08:12	25°♓18'04	
inferior conj	-3508 Apr 11 j 22:46	23°♓20'39	0°-59'-57

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3508 Apr 11 j 19:59	23°♓24'33	0°59'01	
min. Earth dist.	-3508 Apr 11 j 16:50	23°♓28'58	0.55179 AU	
morning rise	-3508 Apr 21 j 02:19	19°♓21'34		
direct	-3508 Apr 23 j 21:39	19°♓04'05		
morning max el	-3508 May 06 j 01:04	24°♓48'28	21°38'57	
	-3508 May 10 j 18:08	0°♈		
asc. node	-3508 May 24 j 04:29	22°♈29'00		
morning set	-3508 May 26 j 12:53	27°♈16'26		
	-3508 May 27 j 20:21	0°♉		
superior conj	-3508 Jun 02 j 22:50	12°♉48'49	1°26'14	
minimum elong	-3508 Jun 02 j 20:11	12°♉35'01	1°26'00	
max. Earth dist.	-3508 Jun 06 j 14:07	20°♉17'20	1.34953 AU	
evening rise	-3508 Jun 11 j 05:03	29°♉23'57		
	-3508 Jun 11 j 12:35	0°♊		
	-3508 Jun 29 j 05:05	0°♋		
desc. node	-3508 Jul 05 j 07:07	8°♋36'05		
evening max el	-3508 Jul 16 j 08:29	21°♋31'41	26°52'01	
retrograde	-3508 Jul 29 j 10:49	28°♋50'59		
evening set	-3508 Aug 05 j 05:13	26°♋04'26		
min. Earth dist.	-3508 Aug 09 j 03:35	22°♋04'45	0.65548 AU	
inferior conj	-3508 Aug 10 j 23:21	19°♋56'11	-2°-49'-55	
minimum elong	-3508 Aug 11 j 03:00	19°♋45'27	2°48'40	
morning rise	-3508 Aug 17 j 01:57	14°♋13'55		
direct	-3508 Aug 19 j 22:49	13°♋28'18		
asc. node	-3508 Aug 20 j 03:46	13°♋28'33		
morning max el	-3508 Aug 26 j 13:47	17°♋06'41	18°26'31	
	-3508 Sep 05 j 01:08	0°♌		
morning set	-3508 Sep 15 j 02:06	16°♌14'08		
	-3508 Sep 23 j 14:29	0°♍		
superior conj	-3508 Sep 30 j 05:47	10°♍33'08	0°06'37	
minimum elong	-3508 Sep 30 j 06:39	10°♍36'33	0°06'33	
behind sun begin	-3508 Sep 29 j 20:15	9°♍55'25		
behind sun end	-3508 Sep 30 j 17:03	11°♍17'39		
desc. node	-3508 Oct 01 j 06:38	12°♍11'15		
max. Earth dist.	-3508 Oct 02 j 02:26	13°♍29'17	1.44823 AU	
	-3508 Oct 12 j 14:33	0°♎		
evening rise	-3508 Oct 16 j 17:34	6°♎29'08		
greatest brilliancy	-3508 Oct 29 j 20:59	26°♎57'40	-0.7m	
	-3508 Oct 31 j 21:58	0°♏		
evening max el	-3508 Nov 08 j 20:55	10°♏18'34	19°18'53	
retrograde	-3508 Nov 15 j 23:40	14°♏24'36		
asc. node	-3508 Nov 16 j 02:45	14°♏24'30		
evening set	-3508 Nov 19 j 05:56	13°♏22'37		
inferior conj	-3508 Nov 24 j 22:32	7°♏27'34	2°42'53	
minimum elong	-3508 Nov 24 j 19:30	7°♏37'16	2°41'53	
min. Earth dist.	-3508 Nov 26 j 05:35	5°♏48'21	0.65927 AU	
morning rise	-3508 Nov 30 j 08:16	1°♏14'58		
	-3508 Dec 01 j 23:18	30°℞♎		
direct	-3508 Dec 06 j 14:46	28°♎31'27		
	-3508 Dec 11 j 17:55	0°♏		
morning max el	-3508 Dec 19 j 04:48	5°♏55'08	26°10'52	
desc. node	-3508 Dec 28 j 06:19	16°♏28'48		
	-3507 Jan 06 j 20:33	0°♐		
morning set	-3507 Jan 24 j 07:57	29°♐23'11		
	-3507 Jan 24 j 15:51	0°♑		
max. Earth dist.	-3507 Jan 28 j 09:53	7°♑09'32	1.35420 AU	
superior conj	-3507 Feb 02 j 08:23	17°♑00'26	-1°-26'-59	
minimum elong	-3507 Feb 02 j 11:36	17°♑16'51	1°26'43	
	-3507 Feb 08 j 15:29	0°♒		
evening rise	-3507 Feb 10 j 03:45	3°♒06'44		
asc. node	-3507 Feb 12 j 01:57	7°♒01'19		
	-3507 Feb 25 j 22:30	0°♓		
evening max el	-3507 Feb 28 j 16:17	2°♓55'25	20°28'48	
retrograde	-3507 Mar 11 j 11:56	8°♓04'29		
evening set	-3507 Mar 13 j 19:09	7°♓51'28		
inferior conj	-3507 Mar 22 j 18:53	3°♓53'24	0°56'47	
minimum elong	-3507 Mar 22 j 21:23	3°♓49'45	0°55'52	
min. Earth dist.	-3507 Mar 24 j 06:59	3°♓00'36	0.55384 AU	
desc. node	-3507 Mar 26 j 05:20	1°♓55'22		
	-3507 Mar 30 j 11:30	30°℞♒		
morning rise	-3507 Mar 31 j 21:35	29°♒34'37		
direct	-3507 Apr 04 j 10:25	29°♒07'25		
	-3507 Apr 09 j 06:28	0°♓		
morning max el	-3507 Apr 17 j 21:13	5°♓42'25	23°15'26	
	-3507 May 04 j 20:46	0°♈		
morning set	-3507 May 11 j 00:13	12°♈14'53		
asc. node	-3507 May 11 j 01:28	12°♈21'25		
superior conj	-3507 May 18 j 04:23	27°♈33'03	1°08'04	
minimum elong	-3507 May 18 j 01:52	27°♈19'39	1°07'42	
	-3507 May 19 j 07:59	0°♉		
max. Earth dist.	-3507 May 20 j 13:24	2°♉35'25	1.33815 AU	
evening rise	-3507 May 25 j 20:26	13°♉26'00		
	-3507 Jun 03 j 17:30	0°♊		
desc. node	-3507 Jun 22 j 04:10	27°♊29'27		
	-3507 Jun 24 j 07:06	0°♋		
evening max el	-3507 Jun 28 j 19:25	4°♋45'57	27°21'32	
retrograde	-3507 Jul 12 j 08:42	12°♋09'51		
evening set	-3507 Jul 19 j 11:04	9°♋25'49		
min. Earth dist.	-3507 Jul 23 j 03:14	6°♋02'16	0.64189 AU	
inferior conj	-3507 Jul 25 j 12:54	3°♋27'58	-3°-32'-36	
minimum elong	-3507 Jul 25 j 16:47	3°♋17'33	3°31'34	
	-3507 Jul 29 j 01:00	30°℞♊		
morning rise	-3507 Aug 01 j 00:14	28°♊02'16		
direct	-3507 Aug 03 j 15:57	27°♊26'12		
asc. node	-3507 Aug 07 j 00:49	28°♊24'04		
	-3507 Aug 09 j 05:40	0°♋		
morning max el	-3507 Aug 10 j 04:21	0°♋53'23	18°02'17	
morning set	-3507 Aug 27 j 15:03	27°♋35'32		
	-3507 Aug 29 j 00:56	0°♌		
superior conj	-3507 Sep 09 j 18:23	19°♌32'12	0°51'59	
minimum elong	-3507 Sep 09 j 23:40	19°♌53'36	0°51'25	
max. Earth dist.	-3507 Sep 14 j 19:23	27°♌38'36	1.44241 AU	
	-3507 Sep 16 j 06:59	0°♍		
desc. node	-3507 Sep 18 j 03:35	2°♍56'10		
evening rise	-3507 Sep 26 j 04:11	15°♍26'46		
	-3507 Oct 05 j 16:38	0°♎		
greatest brilliancy	-3507 Oct 16 j 08:24	15°♎31'43	-0.6m	
evening max el	-3507 Oct 23 j 01:20	23°♎44'58	20°15'19	
retrograde	-3507 Oct 30 j 20:57	28°♎20'40		
asc. node	-3507 Nov 02 j 23:49	27°♎24'18		
evening set	-3507 Nov 03 j 12:06	27°♎04'08		
inferior conj	-3507 Nov 09 j 00:26	20°♎57'24	1°57'52	
minimum elong	-3507 Nov 08 j 21:58	21°♎05'39	1°56'55	
min. Earth dist.	-3507 Nov 09 j 19:06	19°♎54'46	0.66756 AU	
morning rise	-3507 Nov 14 j 07:17	14°♎41'06		
direct	-3507 Nov 19 j 23:10	12°♎13'17		
morning max el	-3507 Dec 01 j 13:32	19°♎07'36	24°53'46	
	-3507 Dec 10 j 19:42	0°♏		
desc. node	-3507 Dec 15 j 03:20	5°♏50'07		
	-3507 Dec 30 j 23:10	0°♐		
morning set	-3506 Jan 06 j 15:33	11°♐27'07		
max. Earth dist.	-3506 Jan 10 j 09:41	18°♐14'31	1.37186 AU	
superior conj	-3506 Jan 16 j 20:11	0°♑28'54	-1°-44'-9	
minimum elong	-3506 Jan 16 j 23:04	0°♑42'58	1°44'05	
	-3506 Jan 16 j 14:16	0°♑		
evening rise	-3506 Jan 25 j 06:08	17°♑16'25		
asc. node	-3506 Jan 29 j 22:58	26°♑27'40		
	-3506 Jan 31 j 21:03	0°♒		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3506 Feb 11 j 07:36	14°♒47'40	19°24'08
retrograde	-3506 Feb 20 j 11:32	19°♒09'20	
evening set	-3506 Feb 22 j 19:03	18°♒53'55	
inferior conj	-3506 Mar 03 j 02:54	14°♒46'28	2°33'32
minimum elong	-3506 Mar 03 j 07:50	14°♒38'20	2°32'07
min. Earth dist.	-3506 Mar 05 j 22:00	12°♒56'38	0.56471 AU
morning rise	-3506 Mar 11 j 16:52	9°♒57'48	
desc. node	-3506 Mar 13 j 02:26	9°♒32'25	
direct	-3506 Mar 16 j 09:48	9°♒07'09	
morning max el	-3506 Mar 30 j 12:25	16°♒18'03	24°53'49
	-3506 Apr 10 j 13:29	0°♓	
morning set	-3506 Apr 25 j 12:28	27°♓17'30	
	-3506 Apr 26 j 19:11	0°♈	
asc. node	-3506 Apr 27 j 22:29	2°♈26'01	
superior conj	-3506 May 02 j 13:50	12°♈29'40	0°46'46
minimum elong	-3506 May 02 j 11:55	12°♈19'16	0°46'24
max. Earth dist.	-3506 May 03 j 20:51	15°♈17'40	1.33053 AU
evening rise	-3506 May 09 j 20:45	27°♈55'56	
	-3506 May 10 j 21:14	0°♉	
	-3506 May 28 j 00:05	0°♊	
desc. node	-3506 Jun 09 j 01:15	15°♊26'21	
evening max el	-3506 Jun 11 j 04:06	17°♊34'07	27°21'00
retrograde	-3506 Jun 25 j 00:22	24°♊57'00	
evening set	-3506 Jul 02 j 03:10	22°♊29'24	
min. Earth dist.	-3506 Jul 05 j 17:16	19°♊33'47	0.62476 AU
inferior conj	-3506 Jul 08 j 16:00	16°♊44'52	-4°-5'-13
minimum elong	-3506 Jul 08 j 19:05	16°♊37'28	4°04'40
morning rise	-3506 Jul 15 j 13:25	11°♊38'29	
direct	-3506 Jul 18 j 02:12	11°♊09'23	
asc. node	-3506 Jul 24 j 21:53	14°♊40'54	
morning max el	-3506 Jul 24 j 19:05	14°♊34'00	17°56'08
	-3506 Aug 04 j 10:41	0°♋	
morning set	-3506 Aug 10 j 02:11	10°♋00'34	
superior conj	-3506 Aug 21 j 09:13	29°♋49'16	1°24'40
minimum elong	-3506 Aug 21 j 14:25	0°♌11'24	1°24'17
	-3506 Aug 21 j 11:44	0°♌	
max. Earth dist.	-3506 Aug 28 j 08:28	11°♌25'06	1.43023 AU
evening rise	-3506 Sep 05 j 08:57	24°♌11'50	
desc. node	-3506 Sep 05 j 00:34	23°♌39'04	
	-3506 Sep 09 j 02:58	0°♍	
	-3506 Sep 29 j 21:06	0°♎	
greatest brilliancy	-3506 Sep 30 j 20:35	1°♎15'03	-0.4m
evening max el	-3506 Oct 05 j 23:48	7°♎11'08	21°24'22
retrograde	-3506 Oct 14 j 17:37	12°♎22'16	
evening set	-3506 Oct 18 j 19:57	10°♎48'33	
asc. node	-3506 Oct 20 j 20:54	8°♎52'30	
inferior conj	-3506 Oct 24 j 05:37	4°♎33'34	1°08'10
minimum elong	-3506 Oct 24 j 04:06	4°♎38'49	1°07'32
min. Earth dist.	-3506 Oct 24 j 13:12	4°♎07'31	0.67261 AU
	-3506 Oct 27 j 18:20	30°℞♍	
morning rise	-3506 Oct 29 j 11:54	28°♍16'27	
direct	-3506 Nov 03 j 12:28	26°♍09'10	
	-3506 Nov 11 j 09:55	0°♎	
morning max el	-3506 Nov 13 j 22:35	2°♎22'28	23°27'53
greatest brilliancy	-3506 Nov 19 j 22:27	9°♎11'50	-0.2m
desc. node	-3506 Dec 02 j 00:18	25°♎40'38	
	-3506 Dec 04 j 22:24	0°♏	
morning set	-3506 Dec 18 j 22:22	22°♏14'10	
max. Earth dist.	-3506 Dec 23 j 04:59	29°♏34'02	1.39231 AU
	-3506 Dec 23 j 10:56	0°♐	
superior conj	-3506 Dec 30 j 18:05	13°♐11'40	-1°-54'-18
minimum elong	-3506 Dec 30 j 19:22	13°♐17'36	1°54'25
	-3505 Jan 08 j 12:57	0°♑	
evening rise	-3505 Jan 09 j 00:45	0°♑57'05	
asc. node	-3505 Jan 16 j 20:02	15°♑27'04	
evening max el	-3505 Jan 25 j 08:18	27°♑12'28	18°38'55
	-3505 Jan 29 j 03:10	0°♒	
retrograde	-3505 Feb 02 j 04:40	1°♒01'07	
evening set	-3505 Feb 04 j 15:19	0°♒40'19	
	-3505 Feb 06 j 10:54	30°℞♑	
inferior conj	-3505 Feb 12 j 06:13	26°♑13'56	3°34'00
minimum elong	-3505 Feb 12 j 09:53	26°♑06'56	3°33'19
min. Earth dist.	-3505 Feb 15 j 14:52	23°♑41'02	0.58190 AU
morning rise	-3505 Feb 20 j 00:46	20°♑57'44	
direct	-3505 Feb 25 j 22:08	19°♑31'19	
desc. node	-3505 Feb 27 j 23:32	19°♑41'50	
morning max el	-3505 Mar 12 j 04:34	27°♑01'15	26°19'38
	-3505 Mar 15 j 01:19	0°♒	
	-3505 Apr 03 j 20:23	0°♓	
morning set	-3505 Apr 09 j 23:52	12°♓17'08	
asc. node	-3505 Apr 14 j 19:31	22°♓37'09	
superior conj	-3505 Apr 17 j 01:14	27°♓30'51	0°23'16
minimum elong	-3505 Apr 17 j 00:13	27°♓25'18	0°23'02
max. Earth dist.	-3505 Apr 17 j 09:09	28°♓14'14	1.32635 AU
	-3505 Apr 18 j 04:30	0°♈	
evening rise	-3505 Apr 24 j 02:59	12°♈42'49	
	-3505 May 03 j 00:54	0°♉	
evening max el	-3505 May 24 j 08:01	29°♉44'30	26°47'39
	-3505 May 24 j 14:34	0°♊	
desc. node	-3505 May 26 j 22:21	2°♊02'47	
retrograde	-3505 Jun 07 j 08:26	7°♊03'51	
evening set	-3505 Jun 14 j 01:17	5°♊06'10	
min. Earth dist.	-3505 Jun 17 j 21:32	2°♊24'50	0.60501 AU
	-3505 Jun 20 j 18:58	30°℞♉	
inferior conj	-3505 Jun 21 j 05:12	29°♉38'21	-4°-21'-40
minimum elong	-3505 Jun 21 j 06:03	29°♉36'34	4°21'33
morning rise	-3505 Jun 28 j 13:59	24°♉53'37	
direct	-3505 Jul 01 j 01:40	24°♉29'38	
morning max el	-3505 Jul 08 j 07:14	28°♉01'29	18°09'07
	-3505 Jul 10 j 03:38	0°♊	
asc. node	-3505 Jul 11 j 18:57	2°♊03'25	
morning set	-3505 Jul 24 j 06:00	23°♊14'49	
	-3505 Jul 27 j 20:44	0°♋	
superior conj	-3505 Aug 03 j 02:48	11°♋26'17	1°42'59
minimum elong	-3505 Aug 03 j 05:36	11°♋38'49	1°42'58
max. Earth dist.	-3505 Aug 10 j 16:25	24°♋35'50	1.41327 AU
	-3505 Aug 13 j 22:17	0°♌	
evening rise	-3505 Aug 16 j 03:30	3°♌36'58	
desc. node	-3505 Aug 22 j 21:34	14°♌16'32	
	-3505 Sep 02 j 11:31	0°♍	
greatest brilliancy	-3505 Sep 13 j 20:25	15°♍12'43	-0.3m
evening max el	-3505 Sep 18 j 16:30	20°♍37'51	22°42'01
retrograde	-3505 Sep 28 j 12:09	26°♍27'19	
evening set	-3505 Oct 03 j 03:43	24°♍34'27	
asc. node	-3505 Oct 07 j 18:00	19°♍17'27	
inferior conj	-3505 Oct 08 j 12:15	18°♍14'41	0°15'39
minimum elong	-3505 Oct 08 j 11:53	18°♍15'56	0°15'31
transit middle	-3505 Oct 08 j 11:53	18°♍15'56	0°15'31
transit begin	-3505 Oct 08 j 11:01	18°♍18'54	
transit end	-3505 Oct 08 j 12:44	18°♍12'59	
min. Earth dist.	-3505 Oct 08 j 09:26	18°♍24'22	0.67455 AU
morning rise	-3505 Oct 13 j 19:58	11°♍59'38	
direct	-3505 Oct 18 j 05:47	10°♍14'20	
morning max el	-3505 Oct 27 j 11:17	15°♍42'47	22°02'32
greatest brilliancy	-3505 Nov 01 j 06:21	21°♍09'19	-0.4m
	-3505 Nov 07 j 23:15	0°♎	
desc. node	-3505 Nov 18 j 21:18	15°♎52'21	
	-3505 Nov 28 j 00:00	0°♏	
morning set	-3505 Nov 29 j 00:30	1°♏37'56	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3505 Dec 05 j 04:14	11°♏42'28	1.41284 AU	
superior conj	-3505 Dec 12 j 20:58	24°♏56'20	-1°-54'-2	
minimum elong	-3505 Dec 12 j 19:07	24°♏48'09	1°54'06	
	-3505 Dec 15 j 17:02	0°♐		
evening rise	-3505 Dec 23 j 08:32	14°♐02'28		
	-3504 Jan 01 j 06:12	0°♑		
asc. node	-3504 Jan 03 j 17:05	3°♑51'21		
evening max el	-3504 Jan 08 j 15:49	10°♑03'00	18°13'42	
retrograde	-3504 Jan 15 j 16:04	13°♑34'32		
evening set	-3504 Jan 18 j 05:36	13°♑07'05		
inferior conj	-3504 Jan 25 j 05:48	8°♑18'36	3°59'28	
minimum elong	-3504 Jan 25 j 06:43	8°♑16'32	3°59'18	
min. Earth dist.	-3504 Jan 28 j 12:40	5°♑24'42	0.60194 AU	
morning rise	-3504 Feb 01 j 04:57	2°♑41'41		
direct	-3504 Feb 07 j 21:52	0°♑37'14		
desc. node	-3504 Feb 14 j 20:39	2°♑38'46		
morning max el	-3504 Feb 22 j 02:23	8°♑16'53	27°18'46	
	-3504 Mar 09 j 15:41	0°♒		
morning set	-3504 Mar 24 j 08:40	27°♒07'25		
	-3504 Mar 25 j 17:43	0°♓		
max. Earth dist.	-3504 Mar 30 j 22:35	11°♓12'18	1.32553 AU	
superior conj	-3504 Mar 31 j 12:54	12°♓30'36	0°-1'-35	
minimum elong	-3504 Mar 31 j 12:58	12°♓30'58	0°01'37	
behind sun begin	-3504 Mar 31 j 07:58	12°♓03'38		
behind sun end	-3504 Mar 31 j 17:58	12°♓58'19		
asc. node	-3504 Mar 31 j 16:34	12°♓50'39		
evening rise	-3504 Apr 07 j 12:50	27°♓38'20		
	-3504 Apr 08 j 16:00	0°♈		
	-3504 Apr 25 j 19:16	0°♉		
evening max el	-3504 May 05 j 05:26	11°♉11'31	25°43'40	
desc. node	-3504 May 12 j 19:27	16°♉46'28		
retrograde	-3504 May 19 j 07:16	18°♉25'12		
evening set	-3504 May 25 j 01:57	17°♉05'21		
min. Earth dist.	-3504 May 29 j 17:45	14°♉21'16	0.58465 AU	
inferior conj	-3504 Jun 02 j 00:50	11°♉58'22	-4°-13'-3	
minimum elong	-3504 Jun 01 j 22:09	12°♉03'15	4°12'45	
morning rise	-3504 Jun 09 j 22:16	7°♉35'55		
direct	-3504 Jun 12 j 09:50	7°♉16'01		
morning max el	-3504 Jun 20 j 13:53	11°♉07'23	18°42'04	
asc. node	-3504 Jun 27 j 16:02	20°♉17'03		
	-3504 Jul 03 j 04:54	0°♊		
morning set	-3504 Jul 06 j 21:53	7°♊06'02		
superior conj	-3504 Jul 15 j 18:00	24°♊09'04	1°48'59	
minimum elong	-3504 Jul 15 j 18:15	24°♊10'16	1°49'07	
	-3504 Jul 18 j 21:31	0°♋		
max. Earth dist.	-3504 Jul 22 j 19:34	7°♋03'12	1.39387 AU	
evening rise	-3504 Jul 26 j 22:51	14°♋13'05		
	-3504 Aug 05 j 16:16	0°♌		
desc. node	-3504 Aug 08 j 18:34	4°♌44'01		
	-3504 Aug 27 j 09:46	0°♍		
evening max el	-3504 Aug 31 j 04:53	4°♍05'36	24°02'41	
retrograde	-3504 Sep 11 j 03:23	10°♍31'53		
evening set	-3504 Sep 16 j 09:37	8°♍19'20		
min. Earth dist.	-3504 Sep 21 j 05:23	2°♍42'48	0.67345 AU	
inferior conj	-3504 Sep 21 j 18:33	1°♍58'12	0°-38'-4	
minimum elong	-3504 Sep 21 j 19:26	1°♍55'09	0°37'39	
	-3504 Sep 23 j 05:59	30°℞♌		
asc. node	-3504 Sep 23 j 15:07	29°♌30'41		
morning rise	-3504 Sep 27 j 05:28	25°♌48'14		
direct	-3504 Oct 01 j 02:04	24°♌23'36		
morning max el	-3504 Oct 09 j 06:27	29°♌11'05	20°44'38	
	-3504 Oct 10 j 01:09	0°♍		
greatest brilliancy	-3504 Oct 15 j 06:51	6°♍19'23	-0.5m	
	-3504 Oct 31 j 15:26	0°♎		
desc. node	-3504 Nov 04 j 18:15	6°♎18'18		
morning set	-3504 Nov 07 j 03:22	9°♎59'26		
max. Earth dist.	-3504 Nov 16 j 10:36	24°♎44'15	1.43041 AU	
	-3504 Nov 19 j 15:59	0°♏		
superior conj	-3504 Nov 22 j 23:02	5°♏28'15	-1°-39'-24	
minimum elong	-3504 Nov 22 j 17:22	5°♏04'29	1°39'04	
evening rise	-3504 Dec 05 j 01:26	26°♏23'36		
	-3504 Dec 07 j 02:20	0°♐		
asc. node	-3504 Dec 20 j 14:08	21°♐29'34		
evening max el	-3504 Dec 22 j 03:16	23°♐11'07	18°08'17	
retrograde	-3504 Dec 28 j 17:50	26°♐39'04		
evening set	-3504 Dec 31 j 10:19	26°♐04'07		
inferior conj	-3503 Jan 06 j 22:40	20°♐54'06	3°58'14	
minimum elong	-3503 Jan 06 j 21:16	20°♐57'38	3°57'59	
min. Earth dist.	-3503 Jan 09 j 18:42	18°♐02'28	0.62165 AU	
morning rise	-3503 Jan 13 j 06:06	15°♐02'37		
direct	-3503 Jan 20 j 07:04	12°♐28'38		
desc. node	-3503 Jan 31 j 17:44	17°♐53'45		
morning max el	-3503 Feb 03 j 06:29	20°♐13'43	27°42'55	
	-3503 Feb 11 j 17:15	0°♑		
	-3503 Mar 02 j 13:01	0°♒		
morning set	-3503 Mar 08 j 12:48	11°♒41'08		
max. Earth dist.	-3503 Mar 14 j 09:05	23°♒57'22	1.32821 AU	
superior conj	-3503 Mar 15 j 23:10	27°♒23'11	0°-26'-55	
minimum elong	-3503 Mar 16 j 00:23	27°♒29'47	0°26'44	
	-3503 Mar 17 j 04:03	0°♓		
asc. node	-3503 Mar 18 j 13:33	3°♓02'08		
evening rise	-3503 Mar 23 j 00:21	12°♓35'36		
	-3503 Mar 31 j 21:59	0°♈		
evening max el	-3503 Apr 16 j 21:47	22°♈04'14	24°17'50	
desc. node	-3503 Apr 29 j 16:34	29°♈00'55		
retrograde	-3503 Apr 30 j 19:00	29°♈03'43		
evening set	-3503 May 05 j 06:05	28°♈19'04		
min. Earth dist.	-3503 May 11 j 09:30	25°♈16'53	0.56671 AU	
inferior conj	-3503 May 14 j 00:27	23°♈37'33	-3°-28'-53	
minimum elong	-3503 May 13 j 18:42	23°♈46'41	3°27'37	
morning rise	-3503 May 22 j 11:24	19°♈33'32		
direct	-3503 May 24 j 23:06	19°♈16'51		
morning max el	-3503 Jun 03 j 12:19	23°♈42'41	19°35'31	
	-3503 Jun 08 j 20:47	0°♉		
asc. node	-3503 Jun 14 j 13:05	9°♉09'56		
morning set	-3503 Jun 20 j 22:24	21°♉25'34		
	-3503 Jun 25 j 04:34	0°♊		
superior conj	-3503 Jun 29 j 01:11	7°♊42'00	1°45'27	
minimum elong	-3503 Jun 28 j 23:39	7°♊34'26	1°45'30	
max. Earth dist.	-3503 Jul 04 j 21:51	18°♊57'03	1.37464 AU	
evening rise	-3503 Jul 08 j 19:32	26°♊04'27		
	-3503 Jul 11 j 00:57	0°♋		
desc. node	-3503 Jul 26 j 15:34	24°♋56'31		
	-3503 Jul 30 j 04:41	0°♌		
evening max el	-3503 Aug 13 j 15:36	17°♌36'34	25°19'12	
retrograde	-3503 Aug 25 j 14:32	24°♌32'11		
evening set	-3503 Aug 31 j 11:50	22°♌02'02		
min. Earth dist.	-3503 Sep 04 j 22:43	17°♌01'38	0.66921 AU	
inferior conj	-3503 Sep 05 j 22:48	15°♌43'03	-1°-31'-21	
minimum elong	-3503 Sep 06 j 00:57	15°♌36'03	1°30'25	
asc. node	-3503 Sep 10 j 12:14	10°♌30'59		
morning rise	-3503 Sep 11 j 14:35	9°♌41'08		
direct	-3503 Sep 15 j 00:04	8°♌34'22		
morning max el	-3503 Sep 22 j 08:55	12°♌48'22	19°38'52	
greatest brilliancy	-3503 Sep 30 j 20:49	23°♌37'20	-0.7m	
	-3503 Oct 05 j 04:44	0°♍		
morning set	-3503 Oct 17 j 02:56	18°♍18'45		
desc. node	-3503 Oct 22 j 15:11	26°♍54'03		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3503 Oct 24 j 14:40	0°♎		
max. Earth dist.	-3503 Oct 29 j 23:16	8°♎27'12	1.44273 AU	
superior conj	-3503 Nov 02 j 21:38	14°♎43'46	-1°-7'-50	
minimum elong	-3503 Nov 02 j 14:36	14°♎15'30	1°07'06	
	-3503 Nov 12 j 06:08	0°♏		
evening rise	-3503 Nov 16 j 22:53	7°♏51'21		
	-3503 Nov 30 j 12:27	0°♐		
evening max el	-3503 Dec 05 j 15:54	6°♐30'20	18°21'53	
asc. node	-3503 Dec 07 j 11:12	8°♐08'34		
retrograde	-3503 Dec 12 j 05:26	10°♐05'40		
evening set	-3503 Dec 15 j 01:54	9°♐21'51		
inferior conj	-3503 Dec 21 j 04:57	3°♐52'21	3°38'21	
minimum elong	-3503 Dec 21 j 02:13	4°♐00'03	3°37'46	
min. Earth dist.	-3503 Dec 23 j 10:37	1°♐21'08	0.63900 AU	
	-3503 Dec 24 j 17:04	30°℞♏		
morning rise	-3503 Dec 27 j 01:03	27°♏50'34		
direct	-3502 Jan 03 j 00:07	25°♏01'33		
	-3502 Jan 13 j 14:18	0°♐		
morning max el	-3502 Jan 16 j 14:39	2°♐46'07	27°30'53	
desc. node	-3502 Jan 18 j 14:46	4°♐50'28		
	-3502 Feb 06 j 00:34	0°♑		
morning set	-3502 Feb 20 j 09:37	25°♑48'53		
	-3502 Feb 22 j 11:45	0°♒		
max. Earth dist.	-3502 Feb 25 j 12:40	6°♒15'38	1.33485 AU	
superior conj	-3502 Feb 28 j 06:15	12°♒02'03	0°-51'-46	
minimum elong	-3502 Feb 28 j 08:31	12°♒14'09	0°51'28	
asc. node	-3502 Mar 05 j 10:33	23°♒07'23		
evening rise	-3502 Mar 07 j 11:44	27°♒27'41		
	-3502 Mar 08 j 16:59	0°♓		
	-3502 Mar 26 j 22:39	0°♈		
evening max el	-3502 Mar 29 j 14:20	2°♈45'59	22°43'32	
retrograde	-3502 Apr 11 j 18:02	9°♈13'10		
evening set	-3502 Apr 14 j 22:39	8°♈50'51		
desc. node	-3502 Apr 16 j 13:41	8°♈23'22		
min. Earth dist.	-3502 Apr 22 j 23:47	5°♈18'49	0.55477 AU	
inferior conj	-3502 Apr 24 j 05:36	4°♈35'57	-2°-3'-43	
minimum elong	-3502 Apr 24 j 00:25	4°♈43'26	2°02'06	
morning rise	-3502 May 03 j 04:38	0°♈39'23		
direct	-3502 May 05 j 19:01	0°♈23'34		
morning max el	-3502 May 17 j 00:14	5°♈37'56	20°48'51	
asc. node	-3502 Jun 01 j 10:06	28°♈31'32		
	-3502 Jun 02 j 04:12	0°♉		
morning set	-3502 Jun 05 j 04:46	6°♉04'59		
superior conj	-3502 Jun 12 j 19:39	21°♉50'19	1°34'50	
minimum elong	-3502 Jun 12 j 17:12	21°♉37'43	1°34'41	
	-3502 Jun 16 j 20:58	0°♊		
max. Earth dist.	-3502 Jun 17 j 05:50	0°♊43'41	1.35772 AU	
evening rise	-3502 Jun 21 j 12:49	8°♊57'59		
	-3502 Jul 03 j 15:47	0°♋		
desc. node	-3502 Jul 13 j 12:37	14°♋46'29		
	-3502 Jul 25 j 23:15	0°♌		
evening max el	-3502 Jul 27 j 02:42	1°♌08'26	26°23'41	
retrograde	-3502 Aug 08 j 20:56	8°♌22'09		
evening set	-3502 Aug 15 j 08:14	5°♌39'29		
min. Earth dist.	-3502 Aug 19 j 10:59	1°♌17'19	0.66152 AU	
inferior conj	-3502 Aug 20 j 23:07	29°♋26'17	-2°-22'-24	
minimum elong	-3502 Aug 21 j 02:20	29°♋16'25	2°21'10	
	-3502 Aug 20 j 12:11	30°℞♋		
morning rise	-3502 Aug 26 j 21:20	23°♋35'39		
asc. node	-3502 Aug 28 j 09:19	22°♋56'38		
direct	-3502 Aug 29 j 22:05	22°♋43'14		
morning max el	-3502 Sep 05 j 17:43	26°♋32'23	18°48'09	
	-3502 Sep 08 j 17:47	0°♌		
morning set	-3502 Sep 26 j 21:21	27°♌37'15		
	-3502 Sep 28 j 09:12	0°♍		
desc. node	-3502 Oct 09 j 12:09	17°♍36'07		
max. Earth dist.	-3502 Oct 12 j 16:18	22°♍36'02	1.44834 AU	
superior conj	-3502 Oct 13 j 00:11	23°♍07'06	0°-22'-10	
minimum elong	-3502 Oct 12 j 21:16	22°♍55'38	0°21'46	
	-3502 Oct 17 j 08:54	0°♎		
evening rise	-3502 Oct 28 j 20:43	18°♎17'53		
	-3502 Nov 05 j 03:33	0°♏		
evening max el	-3502 Nov 19 j 03:10	19°♏55'41	18°53'20	
asc. node	-3502 Nov 24 j 08:16	23°♏33'12		
retrograde	-3502 Nov 25 j 23:03	23°♏47'45		
evening set	-3502 Nov 29 j 01:12	22°♏53'03		
inferior conj	-3502 Dec 04 j 21:05	17°♏06'40	3°05'46	
minimum elong	-3502 Dec 04 j 17:58	17°♏16'16	3°04'52	
min. Earth dist.	-3502 Dec 06 j 12:05	15°♏06'53	0.65297 AU	
morning rise	-3502 Dec 10 j 09:42	10°♏57'29		
direct	-3502 Dec 16 j 23:43	8°♏08'21		
morning max el	-3502 Dec 30 j 00:12	15°♏42'45	26°47'14	
desc. node	-3501 Jan 05 j 11:46	22°♏59'20		
	-3501 Jan 10 j 20:36	0°♐		
	-3501 Jan 29 j 18:45	0°♑		
morning set	-3501 Feb 03 j 19:45	9°♑19'49		
max. Earth dist.	-3501 Feb 08 j 05:52	17°♑59'06	1.34588 AU	
superior conj	-3501 Feb 12 j 08:04	26°♑20'30	-1°-14'-58	
minimum elong	-3501 Feb 12 j 11:05	26°♑36'13	1°14'39	
	-3501 Feb 14 j 02:09	0°♒		
evening rise	-3501 Feb 19 j 21:13	12°♒08'36		
asc. node	-3501 Feb 20 j 07:33	13°♒01'57		
	-3501 Mar 01 j 05:37	0°♓		
evening max el	-3501 Mar 11 j 13:23	13°♓44'06	21°14'08	
retrograde	-3501 Mar 23 j 07:51	19°♓22'33		
evening set	-3501 Mar 25 j 18:57	19°♓08'37		
desc. node	-3501 Apr 03 j 10:46	15°♓29'50		
inferior conj	-3501 Apr 04 j 00:59	15°♓09'47	0°-9'-54	
minimum elong	-3501 Apr 04 j 00:31	15°♓10'26	0°09'48	
transit middle	-3501 Apr 04 j 00:31	15°♓10'26	0°09'48	
transit begin	-3501 Apr 03 j 21:18	15°♓14'59		
transit end	-3501 Apr 04 j 03:45	15°♓05'53		
min. Earth dist.	-3501 Apr 04 j 13:44	14°♓51'47	0.55153 AU	
morning rise	-3501 Apr 13 j 05:38	11°♓04'08		
direct	-3501 Apr 16 j 07:06	10°♓43'38		
morning max el	-3501 Apr 29 j 01:17	16°♓51'00	22°18'53	
	-3501 May 09 j 09:22	0°♈		
asc. node	-3501 May 19 j 07:06	18°♈14'28		
morning set	-3501 May 20 j 14:49	20°♈58'03		
	-3501 May 24 j 21:33	0°♉		
superior conj	-3501 May 27 j 21:55	6°♉23'32	1°18'59	
minimum elong	-3501 May 27 j 19:16	6°♉09'32	1°18'41	
max. Earth dist.	-3501 May 30 j 23:38	12°♉48'00	1.34427 AU	
evening rise	-3501 Jun 04 j 21:26	22°♉38'50		
	-3501 Jun 08 j 18:22	0°♊		
	-3501 Jun 27 j 08:36	0°♋		
desc. node	-3501 Jun 30 j 09:41	4°♋04'04		
evening max el	-3501 Jul 09 j 14:17	14°♋32'55	27°08'02	
retrograde	-3501 Jul 22 j 21:50	21°♋54'25		
evening set	-3501 Jul 29 j 20:16	19°♋07'48		
min. Earth dist.	-3501 Aug 02 j 15:51	15°♋23'47	0.65014 AU	
inferior conj	-3501 Aug 04 j 17:20	13°♋03'40	-3°-9'00	
minimum elong	-3501 Aug 04 j 21:10	12°♋52'46	3°07'47	
morning rise	-3501 Aug 10 j 23:27	7°♋27'46		
direct	-3501 Aug 13 j 17:53	6°♋46'27		
asc. node	-3501 Aug 15 j 06:24	6°♋58'53		
morning max el	-3501 Aug 20 j 06:51	10°♋19'03	18°14'02	
	-3501 Sep 02 j 19:49	0°♌		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3501 Sep 07 j 19:16	8°♌15'58	
	-3501 Sep 21 j 02:57	0°♍	
superior conj	-3501 Sep 22 j 02:44	1°♍34'56	0°27'02
minimum elong	-3501 Sep 22 j 06:00	1°♍47'59	0°26'40
max. Earth dist.	-3501 Sep 25 j 10:40	6°♍52'13	1.44665 AU
desc. node	-3501 Sep 26 j 09:07	8°♍20'53	
evening rise	-3501 Oct 08 j 18:17	27°♍43'12	
	-3501 Oct 10 j 05:29	0°♎	
greatest brilliancy	-3501 Oct 25 j 06:37	22°♎54'52	-0.7m
	-3501 Oct 30 j 11:57	0°♏	
evening max el	-3501 Nov 02 j 10:40	3°♏22'37	19°41'09
retrograde	-3501 Nov 09 j 19:40	7°♏39'54	
asc. node	-3501 Nov 11 j 05:22	7°♏28'30	
evening set	-3501 Nov 13 j 05:32	6°♏31'55	
inferior conj	-3501 Nov 18 j 20:08	0°♏31'36	2°24'28
minimum elong	-3501 Nov 18 j 17:17	0°♏40'54	2°23'27
	-3501 Nov 19 j 05:47	30°℞♎	
min. Earth dist.	-3501 Nov 19 j 21:42	29°♎08'01	0.66330 AU
morning rise	-3501 Nov 24 j 04:21	24°♎17'23	
direct	-3501 Nov 30 j 04:57	21°♎39'45	
morning max el	-3501 Dec 12 j 09:19	28°♎51'40	25°39'43
	-3501 Dec 13 j 11:55	0°♏	
desc. node	-3501 Dec 23 j 08:46	11°♏58'28	
	-3500 Jan 04 j 15:59	0°♐	
morning set	-3500 Jan 17 j 14:37	21°♐59'32	
max. Earth dist.	-3500 Jan 21 j 11:32	29°♐12'36	1.36135 AU
	-3500 Jan 21 j 21:29	0°♑	
superior conj	-3500 Jan 27 j 01:55	10°♑09'37	-1°-34'-57
minimum elong	-3500 Jan 27 j 05:07	10°♑25'40	1°34'45
evening rise	-3500 Feb 04 j 02:49	26°♑31'25	
	-3500 Feb 05 j 20:13	0°♒	
asc. node	-3500 Feb 07 j 04:34	2°♒40'07	
evening max el	-3500 Feb 21 j 22:27	25°♒14'23	19°58'54
	-3500 Mar 02 j 05:19	0°♓	
retrograde	-3500 Mar 03 j 00:20	0°♓01'43	
	-3500 Mar 03 j 19:32	30°℞♒	
evening set	-3500 Mar 05 j 07:12	29°♒48'01	
inferior conj	-3500 Mar 14 j 00:37	25°♒47'22	1°41'45
minimum elong	-3500 Mar 14 j 04:40	25°♒41'10	1°40'24
min. Earth dist.	-3500 Mar 16 j 03:47	24°♒29'30	0.55757 AU
desc. node	-3500 Mar 20 j 07:52	22°♒15'35	
morning rise	-3500 Mar 22 j 23:15	21°♒16'46	
direct	-3500 Mar 26 j 23:24	20°♒41'24	
morning max el	-3500 Apr 09 j 18:25	27°♒33'02	23°57'56
	-3500 Apr 12 j 03:58	0°♓	
	-3500 May 01 j 04:54	0°♈	
morning set	-3500 May 04 j 02:45	5°♈58'57	
asc. node	-3500 May 05 j 04:07	8°♈12'39	
superior conj	-3500 May 11 j 05:22	21°♈13'32	0°59'21
minimum elong	-3500 May 11 j 03:04	21°♈01'08	0°58'59
max. Earth dist.	-3500 May 13 j 02:58	25°♈17'54	1.33448 AU
	-3500 May 15 j 08:23	0°♉	
evening rise	-3500 May 18 j 17:01	6°♉53'48	
	-3500 May 31 j 07:29	0°♊	
desc. node	-3500 Jun 16 j 06:45	22°♊35'47	
evening max el	-3500 Jun 21 j 00:41	27°♊37'57	27°25'18
	-3500 Jun 23 j 16:15	0°♋	
retrograde	-3500 Jul 04 j 16:56	5°♋01'06	
evening set	-3500 Jul 11 j 20:46	2°♋22'20	
	-3500 Jul 14 j 15:42	30°℞♊	
min. Earth dist.	-3500 Jul 15 j 11:24	29°♊12'10	0.63500 AU
inferior conj	-3500 Jul 18 j 02:50	26°♊30'10	-3°-47'-59
minimum elong	-3500 Jul 18 j 06:33	26°♊20'40	3°47'08
morning rise	-3500 Jul 24 j 18:18	21°♊12'20	
direct	-3500 Jul 27 j 08:39	20°♊39'22	
asc. node	-3500 Aug 01 j 03:28	22°♊31'00	
morning max el	-3500 Aug 02 j 21:51	24°♊04'01	17°57'30
	-3500 Aug 07 j 16:26	0°♋	
morning set	-3500 Aug 19 j 18:25	20°♋06'54	
	-3500 Aug 25 j 11:36	0°♌	
superior conj	-3500 Sep 01 j 01:47	11°♌05'22	1°07'38
minimum elong	-3500 Sep 01 j 07:30	11°♌29'00	1°07'05
max. Earth dist.	-3500 Sep 07 j 02:56	20°♌56'33	1.43793 AU
desc. node	-3500 Sep 12 j 06:07	29°♌05'38	
	-3500 Sep 12 j 19:58	0°♍	
evening rise	-3500 Sep 17 j 00:10	6°♍30'03	
	-3500 Oct 02 j 14:46	0°♎	
greatest brilliancy	-3500 Oct 09 j 14:38	9°♎45'38	-0.5m
evening max el	-3500 Oct 15 j 12:40	16°♎49'20	20°43'14
retrograde	-3500 Oct 23 j 16:58	21°♎39'21	
evening set	-3500 Oct 27 j 12:42	20°♎15'35	
asc. node	-3500 Oct 28 j 02:27	19°♎48'29	
inferior conj	-3500 Nov 01 j 23:42	14°♎04'44	1°37'15
minimum elong	-3500 Nov 01 j 21:36	14°♎11'52	1°36'24
min. Earth dist.	-3500 Nov 02 j 13:25	13°♎18'05	0.67014 AU
morning rise	-3500 Nov 07 j 06:04	7°♎47'52	
direct	-3500 Nov 12 j 15:22	5°♎28'43	
morning max el	-3500 Nov 23 j 18:04	12°♎06'09	24°17'45
	-3500 Dec 08 j 03:23	0°♏	
desc. node	-3500 Dec 09 j 05:47	1°♏33'31	
	-3500 Dec 27 j 10:55	0°♐	
morning set	-3500 Dec 29 j 12:28	3°♐32'39	
max. Earth dist.	-3499 Jan 02 j 08:58	10°♐21'21	1.38046 AU
superior conj	-3499 Jan 09 j 08:23	23°♐20'02	-1°-49'-30
minimum elong	-3499 Jan 09 j 10:45	23°♐31'26	1°49'31
	-3499 Jan 12 j 18:46	0°♑	
evening rise	-3499 Jan 18 j 02:17	10°♑29'52	
asc. node	-3499 Jan 24 j 01:36	21°♑55'57	
	-3499 Jan 28 j 20:51	0°♒	
evening max el	-3499 Feb 03 j 17:55	7°♒20'32	19°02'18
retrograde	-3499 Feb 12 j 07:13	11°♒26'38	
evening set	-3499 Feb 14 j 15:55	11°♒09'11	
inferior conj	-3499 Feb 22 j 16:22	6°♒54'02	3°03'53
minimum elong	-3499 Feb 22 j 21:06	6°♒45'42	3°02'44
min. Earth dist.	-3499 Feb 25 j 19:12	4°♒43'41	0.57146 AU
morning rise	-3499 Mar 02 j 22:27	1°♒52'44	
desc. node	-3499 Mar 07 j 04:58	0°♒50'26	
direct	-3499 Mar 08 j 03:49	0°♒48'16	
morning max el	-3499 Mar 22 j 09:29	8°♒08'47	25°32'56
	-3499 Apr 07 j 15:01	0°♓	
morning set	-3499 Apr 18 j 14:51	21°♓01'06	
asc. node	-3499 Apr 22 j 01:08	28°♓20'30	
	-3499 Apr 22 j 19:28	0°♈	
superior conj	-3499 Apr 25 j 15:50	6°♈12'40	0°36'59
minimum elong	-3499 Apr 25 j 14:17	6°♈04'09	0°36'41
max. Earth dist.	-3499 Apr 26 j 12:58	8°♈07'42	1.32828 AU
evening rise	-3499 May 02 j 20:07	21°♈31'36	
	-3499 May 07 j 01:55	0°♉	
	-3499 May 25 j 10:51	0°♊	
desc. node	-3499 Jun 03 j 03:51	10°♊01'42	
evening max el	-3499 Jun 03 j 07:23	10°♊10'12	27°10'49
retrograde	-3499 Jun 17 j 05:33	17°♊32'14	
evening set	-3499 Jun 24 j 05:45	15°♊15'28	
min. Earth dist.	-3499 Jun 27 j 20:56	12°♊28'20	0.61654 AU
inferior conj	-3499 Jul 01 j 00:27	9°♊37'45	-4°-14'-38
minimum elong	-3499 Jul 01 j 02:47	9°♊32'27	4°14'19
morning rise	-3499 Jul 08 j 02:35	4°♊40'45	
direct	-3499 Jul 10 j 14:44	4°♊14'02	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3499 Jul	17 j 11:54	7°♊40'10	17°59'23
asc. node	-3499 Jul	19 j 00:33	9°♊17'34	
	-3499 Jul	31 j 23:03	0°♋	
morning set	-3499 Aug	02 j 13:13	2°♋53'59	
superior conj	-3499 Aug	13 j 04:26	21°♋57'41	1°34'07
minimum elong	-3499 Aug	13 j 08:45	22°♋16'24	1°33'54
	-3499 Aug	17 j 21:18	0°♌	
max. Earth dist.	-3499 Aug	20 j 13:51	4°♌28'50	1.42340 AU
evening rise	-3499 Aug	27 j 08:32	15°♌25'29	
desc. node	-3499 Aug	30 j 03:07	19°♌46'32	
	-3499 Sep	05 j 19:46	0°♍	
greatest brilliancy	-3499 Sep	23 j 12:59	24°♍46'53	-0.4m
	-3499 Sep	28 j 02:39	0°♎	
evening max el	-3499 Sep	28 j 08:26	0°♎14'50	21°56'34
retrograde	-3499 Oct	07 j 13:04	5°♎42'45	
evening set	-3499 Oct	11 j 20:46	4°♎01'00	
asc. node	-3499 Oct	14 j 23:34	0°♎44'53	
	-3499 Oct	15 j 13:30	30°℞♍	
inferior conj	-3499 Oct	17 j 05:44	27°♍43'15	0°46'10
minimum elong	-3499 Oct	17 j 04:41	27°♍46'54	0°45'43
min. Earth dist.	-3499 Oct	17 j 08:48	27°♍32'41	0.67376 AU
morning rise	-3499 Oct	22 j 12:23	21°♍26'32	
direct	-3499 Oct	27 j 06:25	19°♍28'47	
morning max el	-3499 Nov	06 j 04:27	25°♍23'36	22°51'05
	-3499 Nov	10 j 07:59	0°♎	
greatest brilliancy	-3499 Nov	10 j 23:28	0°♎46'39	-0.3m
desc. node	-3499 Nov	26 j 02:48	21°♎34'00	
	-3499 Dec	01 j 16:26	0°♏	
morning set	-3499 Dec	10 j 07:23	13°♏45'03	
max. Earth dist.	-3499 Dec	15 j 05:04	21°♏58'57	1.40118 AU
	-3499 Dec	19 j 19:22	0°♐	
superior conj	-3499 Dec	22 j 22:55	5°♐40'04	-1°-55'-42
minimum elong	-3499 Dec	22 j 23:03	5°♐40'39	1°55'50
evening rise	-3498 Jan	01 j 16:47	23°♐57'06	
	-3498 Jan	04 j 21:35	0°♑	
asc. node	-3498 Jan	10 j 22:39	10°♑42'05	
evening max el	-3498 Jan	17 j 21:54	19°♑57'58	18°25'44
retrograde	-3498 Jan	25 j 08:33	23°♑37'41	
evening set	-3498 Jan	27 j 20:17	23°♑14'20	
inferior conj	-3498 Feb	04 j 04:38	18°♑38'53	3°48'38
minimum elong	-3498 Feb	04 j 07:11	18°♑33'42	3°48'14
min. Earth dist.	-3498 Feb	07 j 14:09	15°♑53'47	0.59024 AU
morning rise	-3498 Feb	11 j 14:35	13°♑12'37	
direct	-3498 Feb	17 j 21:33	11°♑29'26	
desc. node	-3498 Feb	22 j 02:03	12°♑13'31	
morning max el	-3498 Mar	04 j 03:58	19°♑05'13	26°48'40
	-3498 Mar	13 j 09:50	0°♒	
	-3498 Mar	31 j 03:18	0°♓	
morning set	-3498 Apr	03 j 01:24	5°♓58'15	
asc. node	-3498 Apr	08 j 22:09	18°♓33'33	
superior conj	-3498 Apr	10 j 03:36	21°♓14'44	0°12'50
minimum elong	-3498 Apr	10 j 03:02	21°♓11'37	0°12'42
behind sun begin	-3498 Apr	10 j 00:03	20°♓55'18	
behind sun end	-3498 Apr	10 j 06:00	21°♓27'56	
max. Earth dist.	-3498 Apr	10 j 02:05	21°♓06'26	1.32554 AU
	-3498 Apr	14 j 04:01	0°♈	
evening rise	-3498 Apr	17 j 04:11	6°♈23'29	
	-3498 Apr	29 j 17:04	0°♉	
evening max el	-3498 May	16 j 08:26	22°♉01'46	26°23'48
desc. node	-3498 May	21 j 00:54	25°♉54'37	
retrograde	-3498 May	30 j 10:19	29°♉20'06	
evening set	-3498 Jun	05 j 19:02	27°♉37'59	
min. Earth dist.	-3498 Jun	09 j 21:35	24°♉57'26	0.59623 AU
inferior conj	-3498 Jun	13 j 06:35	22°♉18'03	-4°-21'-45
minimum elong	-3498 Jun	13 j 06:02	22°♉19'08	4°21'39
morning rise	-3498 Jun	20 j 20:38	17°♉43'05	
direct	-3498 Jun	23 j 08:01	17°♉21'05	
morning max el	-3498 Jun	30 j 22:06	20°♉59'50	18°20'38
asc. node	-3498 Jul	05 j 21:38	27°♉03'29	
	-3498 Jul	07 j 19:46	0°♊	
morning set	-3498 Jul	16 j 22:37	16°♊24'38	
	-3498 Jul	24 j 02:59	0°♋	
superior conj	-3498 Jul	26 j 07:54	4°♋04'16	1°46'52
minimum elong	-3498 Jul	26 j 09:33	4°♋11'51	1°46'57
max. Earth dist.	-3498 Aug	02 j 18:46	17°♋17'57	1.40513 AU
evening rise	-3498 Aug	07 j 12:55	25°♋18'19	
	-3498 Aug	10 j 10:04	0°♌	
desc. node	-3498 Aug	17 j 00:07	10°♌19'56	
	-3498 Aug	30 j 14:53	0°♍	
greatest brilliancy	-3498 Sep	04 j 21:39	6°♍50'25	-0.2m
evening max el	-3498 Sep	10 j 22:56	13°♍41'05	23°16'26
retrograde	-3498 Sep	21 j 06:22	19°♍47'19	
evening set	-3498 Sep	26 j 03:56	17°♍46'14	
min. Earth dist.	-3498 Oct	01 j 05:19	11°♍49'48	0.67439 AU
inferior conj	-3498 Oct	01 j 12:26	11°♍25'21	0°-7'-4
minimum elong	-3498 Oct	01 j 12:36	11°♍24'47	0°06'59
transit middle	-3498 Oct	01 j 12:36	11°♍24'47	0°06'59
transit begin	-3498 Oct	01 j 10:09	11°♍33'12	
transit end	-3498 Oct	01 j 15:02	11°♍16'23	
asc. node	-3498 Oct	01 j 20:41	10°♍57'00	
morning rise	-3498 Oct	06 j 21:16	5°♍11'49	
direct	-3498 Oct	11 j 01:12	3°♍35'28	
morning max el	-3498 Oct	19 j 19:31	8°♍46'13	21°28'06
greatest brilliancy	-3498 Oct	25 j 00:04	14°♍45'22	-0.4m
	-3498 Nov	05 j 01:06	0°♎	
desc. node	-3498 Nov	12 j 23:47	11°♎52'07	
morning set	-3498 Nov	19 j 22:01	22°♎36'51	
	-3498 Nov	24 j 12:54	0°♏	
max. Earth dist.	-3498 Nov	27 j 06:32	4°♏27'56	1.42076 AU
superior conj	-3498 Dec	04 j 15:54	16°♏55'16	-1°-49'-48
minimum elong	-3498 Dec	04 j 12:23	16°♏40'08	1°49'45
	-3498 Dec	12 j 01:33	0°♐	
evening rise	-3498 Dec	15 j 18:45	6°♐44'24	
asc. node	-3498 Dec	28 j 19:42	28°♐48'28	
	-3498 Dec	29 j 17:19	0°♑	
evening max el	-3497 Jan	01 j 07:31	2°♑57'26	18°09'05
retrograde	-3497 Jan	08 j 02:24	6°♑25'38	
evening set	-3497 Jan	10 j 17:10	5°♑55'06	
inferior conj	-3497 Jan	17 j 12:01	0°♑57'38	4°01'39
minimum elong	-3497 Jan	17 j 11:52	0°♑58'01	4°01'30
	-3497 Jan	18 j 12:22	30°℞♐	
min. Earth dist.	-3497 Jan	20 j 15:13	28°♐01'51	0.61053 AU
morning rise	-3497 Jan	24 j 03:59	25°♐14'04	
direct	-3497 Jan	31 j 01:54	22°♐55'08	
desc. node	-3497 Feb	08 j 23:08	26°♐13'33	
	-3497 Feb	13 j 12:41	0°♑	
morning max el	-3497 Feb	14 j 04:21	0°♑37'46	27°33'24
	-3497 Mar	07 j 10:30	0°♒	
morning set	-3497 Mar	18 j 08:28	20°♒42'20	
	-3497 Mar	22 j 18:15	0°♓	
max. Earth dist.	-3497 Mar	24 j 14:35	4°♓00'00	1.32624 AU
superior conj	-3497 Mar	25 j 14:53	6°♓12'21	0°-12'-18
minimum elong	-3497 Mar	25 j 15:27	6°♓15'24	0°12'15
behind sun begin	-3497 Mar	25 j 12:14	5°♓57'51	
behind sun end	-3497 Mar	25 j 18:39	6°♓32'57	
asc. node	-3497 Mar	26 j 19:09	8°♓46'40	
evening rise	-3497 Apr	01 j 14:58	21°♓20'41	
	-3497 Apr	05 j 20:42	0°♈	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3497 Apr	25 j 01:21	0°♉				-3496 Mar	13 j 04:02	0°♓	
evening max el	-3497 Apr	28 j 03:27	3°♉12'41	25°09'06		evening rise	-3496 Mar	16 j 02:39	6°♓16'32	
desc. node	-3497 May	07 j 21:59	9°♉38'53				-3496 Mar	28 j 19:51	0°♈	
retrograde	-3497 May	12 j 04:40	10°♉21'31			evening max el	-3496 Apr	08 j 19:13	13°♈57'18	23°37'46
evening set	-3497 May	17 j 10:21	9°♉18'04			retrograde	-3496 Apr	22 j 10:25	20°♈44'35	
min. Earth dist.	-3497 May	22 j 15:43	6°♉27'35	0.57654 AU		desc. node	-3496 Apr	23 j 19:05	20°♈40'25	
inferior conj	-3497 May	25 j 17:50	4°♉21'21	-3°-59'-16		evening set	-3496 Apr	26 j 07:50	20°♈11'16	
minimum elong	-3497 May	25 j 13:37	4°♉28'36	3°58'36		min. Earth dist.	-3496 May	03 j 06:19	16°♈58'03	0.56081 AU
morning rise	-3497 Jun	02 j 20:56	0°♉07'09			inferior conj	-3496 May	05 j 08:59	15°♈41'56	-2°-57'-31
	-3497 Jun	03 j 10:08	30°℞♈			minimum elong	-3496 May	05 j 02:52	15°♈51'10	2°55'55
direct	-3497 Jun	05 j 08:26	29°♈48'47			morning rise	-3496 May	14 j 01:28	11°♈42'45	
	-3497 Jun	07 j 05:47	0°♉			direct	-3496 May	16 j 14:02	11°♈26'42	
morning max el	-3497 Jun	14 j 01:30	3°♉53'22	19°02'13		morning max el	-3496 May	26 j 19:29	16°♈11'27	20°04'23
asc. node	-3497 Jun	22 j 18:41	15°♉34'55				-3496 Jun	06 j 01:07	0°♉	
morning set	-3497 Jun	30 j 18:32	0°♊28'40			asc. node	-3496 Jun	08 j 15:42	4°♉40'46	
	-3497 Jun	30 j 12:42	0°♊			morning set	-3496 Jun	13 j 21:49	14°♉57'22	
							-3496 Jun	21 j 07:15	0°♊	
superior conj	-3497 Jul	09 j 06:29	17°♊09'36	1°48'29						
minimum elong	-3497 Jul	09 j 05:52	17°♊06'39	1°48'36		superior conj	-3496 Jun	21 j 18:56	0°♊58'35	1°41'41
max. Earth dist.	-3497 Jul	15 j 20:49	29°♊28'20	1.38556 AU		minimum elong	-3496 Jun	21 j 16:54	0°♊48'25	1°41'39
	-3497 Jul	16 j 03:50	0°♋			max. Earth dist.	-3496 Jun	27 j 01:15	11°♊17'13	1.36710 AU
evening rise	-3497 Jul	19 j 19:28	6°♋27'22			evening rise	-3496 Jul	01 j 01:32	18°♊46'27	
	-3497 Aug	03 j 09:58	0°♌				-3496 Jul	07 j 10:55	0°♋	
desc. node	-3497 Aug	03 j 21:05	0°♌41'32			desc. node	-3496 Jul	20 j 18:06	20°♋45'12	
evening max el	-3497 Aug	24 j 10:29	27°♌10'47	24°36'21			-3496 Jul	27 j 13:13	0°♌	
	-3497 Aug	27 j 12:55	0°♍			evening max el	-3496 Aug	05 j 21:16	10°♌42'34	25°48'38
retrograde	-3497 Sep	04 j 19:51	3°♍50'15			retrograde	-3496 Aug	18 j 04:47	17°♌46'33	
evening set	-3497 Sep	10 j 08:27	1°♍30'06			evening set	-3496 Aug	24 j 08:25	15°♌10'12	
	-3497 Sep	11 j 21:26	30°℞♌			min. Earth dist.	-3496 Aug	28 j 15:47	10°♌26'07	0.66639 AU
min. Earth dist.	-3497 Sep	15 j 00:27	26°♌08'30	0.67202 AU		inferior conj	-3496 Aug	29 j 20:50	8°♌53'34	-1°-53'-26
inferior conj	-3497 Sep	15 j 18:04	25°♌09'38	-1°00'-50		minimum elong	-3496 Aug	29 j 23:28	8°♌45'11	1°52'20
minimum elong	-3497 Sep	15 j 19:30	25°♌04'50	1°00'10		morning rise	-3496 Sep	04 j 15:11	2°♌56'13	
asc. node	-3497 Sep	18 j 17:48	21°♌23'41			asc. node	-3496 Sep	04 j 14:54	2°♌56'41	
morning rise	-3497 Sep	21 j 06:50	19°♌02'35			direct	-3496 Sep	07 j 20:45	1°♌55'53	
direct	-3497 Sep	24 j 22:32	17°♌45'43			morning max el	-3496 Sep	14 j 23:01	5°♌57'49	19°15'25
morning max el	-3497 Oct	02 j 17:40	22°♌17'44	20°14'58			-3496 Oct	02 j 00:42	0°♍	
	-3497 Oct	09 j 02:40	0°♍			morning set	-3496 Oct	08 j 01:54	9°♍27'06	
greatest brilliancy	-3497 Oct	09 j 14:36	0°♍40'20	-0.6m		desc. node	-3496 Oct	16 j 17:41	23°♍01'10	
	-3497 Oct	29 j 07:55	0°♎				-3496 Oct	21 j 04:09	0°♎	
morning set	-3497 Oct	29 j 20:24	0°♎48'20			max. Earth dist.	-3496 Oct	22 j 07:25	1°♎47'40	1.44601 AU
desc. node	-3497 Oct	30 j 20:45	2°♎22'42							
max. Earth dist.	-3497 Nov	09 j 16:01	17°♎49'52	1.43640 AU		superior conj	-3496 Oct	24 j 18:28	5°♎41'28	0°-49'-43
						minimum elong	-3496 Oct	24 j 12:31	5°♎17'51	0°48'59
superior conj	-3497 Nov	15 j 06:17	26°♎54'29	-1°-28'-7		evening rise	-3496 Nov	08 j 15:41	29°♎45'46	
minimum elong	-3497 Nov	14 j 23:28	26°♎26'31	1°27'34			-3496 Nov	08 j 19:08	0°♏	
	-3497 Nov	17 j 03:16	0°♏			evening max el	-3496 Nov	28 j 08:10	29°♏32'51	18°33'08
evening rise	-3497 Nov	28 j 03:56	18°♏43'47				-3496 Nov	28 j 19:02	0°♐	
	-3497 Dec	04 j 16:41	0°♐			asc. node	-3496 Dec	01 j 13:50	2°♐12'13	
asc. node	-3497 Dec	15 j 16:46	16°♐03'23			retrograde	-3496 Dec	04 j 23:30	3°♐14'19	
evening max el	-3497 Dec	15 j 19:53	16°♐11'21	18°11'49		evening set	-3496 Dec	07 j 22:12	2°♐26'00	
retrograde	-3497 Dec	22 j 08:50	19°♐40'49				-3496 Dec	11 j 00:45	30°℞♏	
evening set	-3497 Dec	25 j 02:58	19°♐02'07			inferior conj	-3496 Dec	13 j 21:55	26°♏48'39	3°25'48
inferior conj	-3497 Dec	31 j 11:03	13°♐43'28	3°51'38		minimum elong	-3496 Dec	13 j 18:55	26°♏57'26	3°25'04
minimum elong	-3497 Dec	31 j 08:58	13°♐49'00	3°51'16		min. Earth dist.	-3496 Dec	15 j 21:06	24°♏30'12	0.64536 AU
min. Earth dist.	-3496 Jan	03 j 01:07	10°♐58'59	0.62945 AU		morning rise	-3496 Dec	19 j 14:24	20°♏43'24	
morning rise	-3496 Jan	06 j 13:12	7°♐47'30			direct	-3496 Dec	26 j 10:11	17°♏53'02	
direct	-3496 Jan	13 j 14:34	5°♐05'21			morning max el	-3495 Jan	08 j 19:33	25°♏34'14	27°15'54
desc. node	-3496 Jan	26 j 20:13	12°♐15'46			desc. node	-3495 Jan	12 j 17:15	29°♏45'42	
morning max el	-3496 Jan	27 j 10:20	12°♐50'07	27°42'01			-3495 Jan	12 j 22:13	0°♐	
	-3496 Feb	10 j 05:18	0°♑				-3495 Feb	02 j 16:39	0°♑	
	-3496 Feb	27 j 19:59	0°♒			morning set	-3495 Feb	13 j 02:36	18°♑59'12	
morning set	-3496 Mar	01 j 09:49	5°♒05'46			max. Earth dist.	-3495 Feb	17 j 22:30	28°♑40'23	1.33901 AU
max. Earth dist.	-3496 Mar	06 j 22:41	16°♒35'15	1.33063 AU			-3495 Feb	18 j 13:56	0°♒	
superior conj	-3496 Mar	09 j 00:02	20°♒59'42	0°-37'-33		superior conj	-3495 Feb	21 j 05:09	5°♒30'30	-1°-1'-53
minimum elong	-3496 Mar	09 j 01:43	21°♒08'48	0°37'19		minimum elong	-3495 Feb	21 j 07:48	5°♒44'27	1°01'34
asc. node	-3496 Mar	12 j 16:08	28°♒55'51			asc. node	-3495 Feb	27 j 13:08	18°♒57'04	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening rise	-3495 Feb 28 j 13:28	21°♒04'44	
	-3495 Mar 04 j 23:07	0°♓	
evening max el	-3495 Mar 21 j 13:45	24°♓42'47	22°04'10
	-3495 Mar 29 j 12:20	0°♈	
retrograde	-3495 Apr 03 j 04:50	0°♈51'07	
evening set	-3495 Apr 06 j 00:17	0°♈33'35	
	-3495 Apr 08 j 01:41	30°℞♓	
desc. node	-3495 Apr 10 j 16:12	28°♓56'38	
inferior conj	-3495 Apr 15 j 08:33	26°♓27'07	-1°-17'-22
minimum elong	-3495 Apr 15 j 05:01	26°♓32'05	1°16'13
min. Earth dist.	-3495 Apr 14 j 20:09	26°♓44'36	0.55225 AU
morning rise	-3495 Apr 24 j 11:12	22°♓29'23	
direct	-3495 Apr 27 j 04:52	22°♓12'35	
morning max el	-3495 May 09 j 02:47	27°♓49'03	21°25'30
	-3495 May 11 j 06:30	0°♈	
asc. node	-3495 May 26 j 12:42	24°♈12'31	
morning set	-3495 May 29 j 06:03	29°♈44'02	
	-3495 May 29 j 09:08	0°♉	
superior conj	-3495 Jun 05 j 17:09	15°♉19'24	1°28'40
minimum elong	-3495 Jun 05 j 14:32	15°♉05'48	1°28'27
max. Earth dist.	-3495 Jun 09 j 13:16	23°♉10'00	1.35152 AU
	-3495 Jun 13 j 00:31	0°♊	
evening rise	-3495 Jun 14 j 01:59	2°♊02'11	
	-3495 Jun 30 j 09:58	0°♋	
desc. node	-3495 Jul 07 j 15:09	10°♋23'03	
evening max el	-3495 Jul 19 j 08:30	24°♋12'05	26°45'19
	-3495 Jul 26 j 22:12	0°♌	
retrograde	-3495 Aug 01 j 08:57	1°♌30'26	
	-3495 Aug 06 j 08:11	30°℞♋	
evening set	-3495 Aug 08 j 01:38	28°♋44'28	
min. Earth dist.	-3495 Aug 12 j 01:03	24°♋39'03	0.65719 AU
inferior conj	-3495 Aug 13 j 18:51	22°♋34'45	-2°-42'-53
minimum elong	-3495 Aug 13 j 22:24	22°♋24'11	2°41'37
morning rise	-3495 Aug 19 j 20:17	16°♋50'18	
asc. node	-3495 Aug 22 j 11:58	16°♋03'28	
direct	-3495 Aug 22 j 18:03	16°♋03'06	
morning max el	-3495 Aug 29 j 10:03	19°♋44'02	18°31'34
	-3495 Sep 06 j 05:23	0°♌	
morning set	-3495 Sep 18 j 07:43	19°♌19'02	
	-3495 Sep 24 j 22:54	0°♍	
superior conj	-3495 Oct 03 j 18:02	13°♍58'00	0°00'-54
minimum elong	-3495 Oct 03 j 17:56	13°♍57'32	0°00'51
behind sun begin	-3495 Oct 03 j 06:36	13°♍12'53	
behind sun end	-3495 Oct 04 j 05:15	14°♍42'10	
desc. node	-3495 Oct 03 j 14:39	13°♍44'37	
max. Earth dist.	-3495 Oct 05 j 01:23	16°♍01'30	1.44851 AU
	-3495 Oct 13 j 22:32	0°♎	
evening rise	-3495 Oct 20 j 02:52	9°♎44'57	
	-3495 Nov 02 j 01:10	0°♏	
evening max el	-3495 Nov 11 j 17:59	12°♏58'14	19°11'46
asc. node	-3495 Nov 18 j 10:56	16°♏59'53	
retrograde	-3495 Nov 18 j 18:49	17°♏00'30	
evening set	-3495 Nov 21 j 23:55	16°♏00'33	
inferior conj	-3495 Nov 27 j 17:19	10°♏07'40	2°49'08
minimum elong	-3495 Nov 27 j 14:15	10°♏17'25	2°48'09
min. Earth dist.	-3495 Nov 29 j 02:24	8°♏22'55	0.65774 AU
morning rise	-3495 Dec 03 j 03:41	3°♏55'46	
direct	-3495 Dec 09 j 12:13	1°♏10'26	
morning max el	-3495 Dec 22 j 05:16	8°♏37'40	26°20'56
desc. node	-3495 Dec 30 j 14:16	18°♏17'42	
	-3494 Jan 08 j 01:11	0°♐	
	-3494 Jan 26 j 02:56	0°♑	
morning set	-3494 Jan 27 j 06:54	2°♑10'07	
max. Earth dist.	-3494 Jan 31 j 10:48	10°♑09'19	1.35185 AU

superior conj	-3494 Feb 05 j 03:56	19°♑37'02	-1°-23'-58
minimum elong	-3494 Feb 05 j 07:07	19°♑53'24	1°23'41
	-3494 Feb 10 j 04:14	0°♒	
evening rise	-3494 Feb 12 j 21:34	5°♒38'22	
asc. node	-3494 Feb 14 j 10:09	8°♒45'06	
	-3494 Feb 26 j 14:43	0°♓	
evening max el	-3494 Mar 03 j 16:47	5°♓53'10	20°40'08
retrograde	-3494 Mar 14 j 18:37	11°♓09'54	
evening set	-3494 Mar 17 j 02:21	10°♓56'54	
inferior conj	-3494 Mar 26 j 04:03	6°♓59'15	0°39'39
minimum elong	-3494 Mar 26 j 05:50	6°♓56'40	0°38'59
min. Earth dist.	-3494 Mar 27 j 10:22	6°♓15'24	0.55291 AU
desc. node	-3494 Mar 28 j 13:18	5°♓37'09	
morning rise	-3494 Apr 04 j 07:38	2°♓44'13	
direct	-3494 Apr 07 j 17:04	2°♓19'09	
morning max el	-3494 Apr 21 j 00:09	8°♓47'39	23°00'34
	-3494 May 06 j 05:40	0°♈	
asc. node	-3494 May 13 j 09:43	14°♈02'31	
morning set	-3494 May 13 j 17:08	14°♈41'11	
superior conj	-3494 May 20 j 21:58	0°♉01'04	1°11'04
minimum elong	-3494 May 20 j 19:24	29°♈47'25	1°10'43
	-3494 May 20 j 21:46	0°♉	
max. Earth dist.	-3494 May 23 j 11:07	5°♉24'04	1.33963 AU
evening rise	-3494 May 28 j 15:47	15°♉59'11	
	-3494 Jun 05 j 02:57	0°♊	
desc. node	-3494 Jun 24 j 12:14	29°♊23'07	
	-3494 Jun 25 j 00:13	0°♋	
evening max el	-3494 Jul 01 j 19:41	7°♋29'18	27°18'56
retrograde	-3494 Jul 15 j 07:44	14°♋52'54	
evening set	-3494 Jul 22 j 09:14	12°♋07'48	
min. Earth dist.	-3494 Jul 26 j 02:12	8°♋39'02	0.64415 AU
inferior conj	-3494 Jul 28 j 09:43	6°♋08'08	-3°-26'-42
minimum elong	-3494 Jul 28 j 13:37	5°♋57'30	3°25'37
morning rise	-3494 Aug 03 j 19:40	0°♋39'37	
direct	-3494 Aug 06 j 11:58	0°♋02'20	
asc. node	-3494 Aug 09 j 09:03	0°♋45'12	
morning max el	-3494 Aug 13 j 00:21	3°♋30'48	18°04'45
	-3494 Aug 30 j 09:56	0°♌	
morning set	-3494 Aug 30 j 16:58	0°♌29'51	
superior conj	-3494 Sep 13 j 03:34	22°♌47'46	0°45'49
minimum elong	-3494 Sep 13 j 08:29	23°♌07'35	0°45'16
	-3494 Sep 17 j 15:28	0°♍	
max. Earth dist.	-3494 Sep 17 j 18:40	0°♍12'41	1.44372 AU
desc. node	-3494 Sep 20 j 11:40	4°♍29'50	
evening rise	-3494 Sep 29 j 16:00	18°♍49'00	
	-3494 Oct 06 j 22:43	0°♎	
greatest brilliancy	-3494 Oct 18 j 22:40	17°♎42'58	-0.6m
evening max el	-3494 Oct 25 j 23:18	26°♎25'12	20°06'02
	-3494 Oct 30 j 09:21	0°♏	
retrograde	-3494 Nov 02 j 16:00	0°♏55'53	
asc. node	-3494 Nov 05 j 08:01	0°♏14'38	
	-3494 Nov 05 j 18:26	30°℞♎	
evening set	-3494 Nov 06 j 05:41	29°♎41'43	
inferior conj	-3494 Nov 11 j 18:34	23°♎36'37	2°05'04
minimum elong	-3494 Nov 11 j 16:00	23°♎45'13	2°04'04
min. Earth dist.	-3494 Nov 12 j 15:01	22°♎28'28	0.66658 AU
morning rise	-3494 Nov 17 j 01:42	17°♎20'47	
direct	-3494 Nov 22 j 19:56	14°♎50'05	
morning max el	-3494 Dec 04 j 14:02	21°♎49'22	25°05'59
	-3494 Dec 11 j 17:52	0°♏	
desc. node	-3494 Dec 17 j 11:18	7°♏33'48	
	-3493 Jan 01 j 07:36	0°♐	
morning set	-3493 Jan 09 j 17:38	14°♐23'49	
max. Earth dist.	-3493 Jan 13 j 11:49	21°♐14'42	1.36904 AU
	-3493 Jan 18 j 02:21	0°♑	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3493 Jan 19 j 17:27	3°♑11'09	-1°-41'-58	
minimum elong	-3493 Jan 19 j 20:27	3°♑25'55	1°41'50	
evening rise	-3493 Jan 28 j 00:53	19°♑51'27		
asc. node	-3493 Feb 01 j 07:12	28°♑14'34		
	-3493 Feb 02 j 05:32	0°♒		
evening max el	-3493 Feb 14 j 06:32	17°♒39'27	19°32'31	
retrograde	-3493 Feb 23 j 15:51	22°♒07'09		
evening set	-3493 Feb 25 j 23:06	21°♒52'16		
inferior conj	-3493 Mar 06 j 09:31	17°♒47'01	2°21'04	
minimum elong	-3493 Mar 06 j 14:21	17°♒39'13	2°19'37	
min. Earth dist.	-3493 Mar 09 j 01:06	16°♒05'04	0.56265 AU	
morning rise	-3493 Mar 15 j 02:00	13°♒03'06		
desc. node	-3493 Mar 15 j 10:23	12°♒56'20		
direct	-3493 Mar 19 j 14:35	12°♒16'46		
morning max el	-3493 Apr 02 j 15:32	19°♒23'13	24°39'37	
	-3493 Apr 11 j 13:20	0°♓		
morning set	-3493 Apr 28 j 05:20	29°♓43'00		
	-3493 Apr 28 j 08:35	0°♈		
asc. node	-3493 Apr 30 j 06:45	4°♈05'11		
superior conj	-3493 May 05 j 06:57	14°♈55'39	0°50'09	
minimum elong	-3493 May 05 j 04:55	14°♈44'39	0°49'48	
max. Earth dist.	-3493 May 06 j 17:35	18°♈02'47	1.33146 AU	
	-3493 May 12 j 10:01	0°♉		
evening rise	-3493 May 12 j 14:57	0°♉25'09		
	-3493 May 29 j 03:49	0°♊		
desc. node	-3493 Jun 11 j 09:18	17°♊29'32		
evening max el	-3493 Jun 14 j 04:59	20°♊22'11	27°23'11	
retrograde	-3493 Jun 28 j 00:18	27°♊44'57		
evening set	-3493 Jul 05 j 03:39	25°♊14'09		
min. Earth dist.	-3493 Jul 08 j 17:43	22°♊15'04	0.62750 AU	
inferior conj	-3493 Jul 11 j 14:36	19°♊27'33	-4°-1'-11	
minimum elong	-3493 Jul 11 j 17:54	19°♊19'30	4°00'34	
morning rise	-3493 Jul 18 j 10:25	14°♊18'00		
direct	-3493 Jul 20 j 23:34	13°♊47'56		
asc. node	-3493 Jul 27 j 06:09	16°♊50'28		
morning max el	-3493 Jul 27 j 15:14	17°♊12'17	17°55'52	
	-3493 Aug 05 j 18:00	0°♋		
morning set	-3493 Aug 13 j 01:11	12°♋46'20		
	-3493 Aug 22 j 21:38	0°♌		
superior conj	-3493 Aug 24 j 14:11	2°♌52'00	1°20'40	
minimum elong	-3493 Aug 24 j 19:37	3°♌14'57	1°20'15	
max. Earth dist.	-3493 Aug 31 j 08:42	14°♌04'17	1.43238 AU	
desc. node	-3493 Sep 07 j 08:39	25°♌13'09		
evening rise	-3493 Sep 08 j 20:22	27°♌32'32		
	-3493 Sep 10 j 10:25	0°♍		
	-3493 Sep 30 j 20:16	0°♎		
greatest brilliancy	-3493 Oct 03 j 15:34	3°♎41'21	-0.5m	
evening max el	-3493 Oct 08 j 22:45	9°♎51'37	21°13'26	
retrograde	-3493 Oct 17 j 12:51	14°♎56'57		
evening set	-3493 Oct 21 j 13:26	13°♎25'52		
asc. node	-3493 Oct 23 j 05:08	11°♎55'40		
inferior conj	-3493 Oct 26 j 23:24	7°♎11'56	1°15'56	
minimum elong	-3493 Oct 26 j 21:43	7°♎17'42	1°15'14	
min. Earth dist.	-3493 Oct 27 j 08:33	6°♎40'34	0.67209 AU	
morning rise	-3493 Nov 01 j 05:39	0°♎54'52		
	-3493 Nov 02 j 10:27	30°℞♍		
direct	-3493 Nov 06 j 08:31	28°♍44'25		
	-3493 Nov 10 j 16:02	0°♎		
morning max el	-3493 Nov 16 j 22:52	5°♎03'53	23°40'52	
desc. node	-3493 Dec 04 j 08:19	27°♎20'37		
	-3493 Dec 06 j 03:51	0°♏		
morning set	-3493 Dec 22 j 04:32	25°♏23'05		
	-3493 Dec 24 j 21:04	0°♐		
max. Earth dist.	-3493 Dec 26 j 07:33	2°♐30'50	1.38926 AU	

superior conj	-3492 Jan 02 j 17:45	16°♐01'33	-1°-53'-23	
minimum elong	-3492 Jan 02 j 19:21	16°♐09'08	1°53'27	
	-3492 Jan 10 j 00:18	0°♑		
evening rise	-3492 Jan 11 j 20:51	3°♑36'55		
asc. node	-3492 Jan 19 j 04:15	17°♑18'21		
evening max el	-3492 Jan 28 j 05:56	29°♑59'23	18°44'16	
	-3492 Jan 28 j 06:11	0°♒		
retrograde	-3492 Feb 05 j 06:14	3°♒51'59		
evening set	-3492 Feb 07 j 16:25	3°♒32'04		
	-3492 Feb 14 j 05:54	30°℞♑		
inferior conj	-3492 Feb 15 j 09:44	29°♑08'36	3°27'17	
minimum elong	-3492 Feb 15 j 13:45	29°♑01'06	3°26'27	
min. Earth dist.	-3492 Feb 18 j 17:23	26°♑40'56	0.57912 AU	
morning rise	-3492 Feb 23 j 07:20	23°♑56'06		
direct	-3492 Feb 29 j 00:49	22°♑35'37		
desc. node	-3492 Mar 01 j 07:29	22°♑39'38		
	-3492 Mar 14 j 05:54	0°♒		
morning max el	-3492 Mar 14 j 07:13	0°♒03'11	26°08'21	
	-3492 Apr 04 j 06:21	0°♓		
morning set	-3492 Apr 11 j 16:59	14°♓43'19		
asc. node	-3492 Apr 16 j 03:46	24°♓15'25		
superior conj	-3492 Apr 18 j 18:10	29°♓56'15	0°26'55	
minimum elong	-3492 Apr 18 j 17:00	29°♓49'53	0°26'41	
	-3492 Apr 18 j 18:51	0°♈		
max. Earth dist.	-3492 Apr 19 j 05:29	0°♈58'10	1.32672 AU	
evening rise	-3492 Apr 25 j 20:27	15°♈09'47		
	-3492 May 03 j 10:17	0°♉		
	-3492 May 23 j 19:23	0°♊		
evening max el	-3492 May 26 j 09:45	2°♊38'43	26°54'44	
desc. node	-3492 May 28 j 06:21	4°♊19'57		
retrograde	-3492 Jun 09 j 09:31	9°♊58'35		
evening set	-3492 Jun 16 j 04:45	7°♊55'35		
min. Earth dist.	-3492 Jun 19 j 23:15	5°♊13'24	0.60804 AU	
inferior conj	-3492 Jun 23 j 06:08	2°♊25'14	-4°-20'-38	
minimum elong	-3492 Jun 23 j 07:25	2°♊22'28	4°20'28	
	-3492 Jun 26 j 05:40	30°℞♉		
morning rise	-3492 Jun 30 j 13:09	27°♉37'17		
direct	-3492 Jul 03 j 00:58	27°♉12'34		
	-3492 Jul 09 j 09:25	0°♊		
morning max el	-3492 Jul 10 j 03:58	0°♊42'27	18°05'57	
asc. node	-3492 Jul 13 j 03:14	4°♊04'12		
morning set	-3492 Jul 26 j 02:50	25°♊54'11		
	-3492 Jul 28 j 07:45	0°♋		
superior conj	-3492 Aug 05 j 04:05	14°♋18'03	1°41'04	
minimum elong	-3492 Aug 05 j 07:17	14°♋32'18	1°41'00	
max. Earth dist.	-3492 Aug 12 j 17:42	27°♋22'00	1.41601 AU	
	-3492 Aug 14 j 07:37	0°♌		
evening rise	-3492 Aug 18 j 11:51	6°♌48'48		
desc. node	-3492 Aug 24 j 05:38	15°♌51'35		
	-3492 Sep 02 j 16:03	0°♍		
greatest brilliancy	-3492 Sep 15 j 22:13	17°♍57'49	-0.3m	
evening max el	-3492 Sep 20 j 16:11	23°♍17'43	22°30'04	
retrograde	-3492 Sep 30 j 07:48	29°♍01'34		
evening set	-3492 Oct 04 j 21:20	27°♍11'29		
asc. node	-3492 Oct 09 j 02:15	22°♍27'00		
inferior conj	-3492 Oct 10 j 05:56	20°♍52'05	0°23'43	
minimum elong	-3492 Oct 10 j 05:22	20°♍53'59	0°23'30	
min. Earth dist.	-3492 Oct 10 j 04:35	20°♍56'42	0.67447 AU	
morning rise	-3492 Oct 15 j 13:19	14°♍36'37		
direct	-3492 Oct 20 j 01:12	12°♍48'11		
morning max el	-3492 Oct 29 j 10:53	18°♍23'16	22°14'54	
greatest brilliancy	-3492 Nov 03 j 04:07	23°♍43'07	-0.4m	
	-3492 Nov 08 j 00:46	0°♎		
desc. node	-3492 Nov 20 j 05:19	17°♎29'25		
	-3492 Nov 28 j 08:06	0°♏		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3492 Dec 01 j 10:55	4°♏58'45	
max. Earth dist.	-3492 Dec 07 j 05:57	14°♏31'10	1.40991 AU
superior conj	-3492 Dec 14 j 23:46	27°♏55'24	-1°-54'-55
minimum elong	-3492 Dec 14 j 22:29	27°♏49'39	1°55'01
	-3492 Dec 16 j 03:38	0°♐	
evening rise	-3492 Dec 25 j 06:27	16°♐47'59	
	-3491 Jan 01 j 12:06	0°♑	
asc. node	-3491 Jan 05 j 01:17	5°♑48'30	
evening max el	-3491 Jan 10 j 12:34	12°♑46'26	18°16'08
retrograde	-3491 Jan 17 j 15:12	16°♑19'44	
evening set	-3491 Jan 20 j 04:14	15°♑53'24	
inferior conj	-3491 Jan 27 j 06:27	11°♑08'11	3°57'30
minimum elong	-3491 Jan 27 j 07:48	11°♑05'16	3°57'18
min. Earth dist.	-3491 Jan 30 j 14:17	8°♑15'49	0.59891 AU
morning rise	-3491 Feb 03 j 08:17	5°♑33'42	
direct	-3491 Feb 09 j 22:55	3°♑34'39	
desc. node	-3491 Feb 16 j 04:35	5°♑12'32	
morning max el	-3491 Feb 24 j 04:09	11°♑13'30	27°12'07
	-3491 Mar 10 j 20:01	0°♒	
morning set	-3491 Mar 27 j 02:16	29°♒35'26	
	-3491 Mar 27 j 07:00	0°♓	
superior conj	-3491 Apr 03 j 05:52	14°♓56'31	0°02'15
minimum elong	-3491 Apr 03 j 05:46	14°♓55'58	0°02'11
behind sun begin	-3491 Apr 03 j 00:48	14°♓28'46	
behind sun end	-3491 Apr 03 j 10:44	15°♓23'11	
max. Earth dist.	-3491 Apr 02 j 18:56	13°♓56'43	1.32540 AU
asc. node	-3491 Apr 03 j 00:45	14°♓28'31	
evening rise	-3491 Apr 10 j 05:53	0°♈04'19	
	-3491 Apr 10 j 05:03	0°♈	
	-3491 Apr 26 j 19:16	0°♉	
evening max el	-3491 May 08 j 07:58	14°♉11'23	25°54'52
desc. node	-3491 May 15 j 03:25	19°♉22'48	
retrograde	-3491 May 22 j 09:56	21°♉26'44	
evening set	-3491 May 28 j 08:41	20°♉00'58	
min. Earth dist.	-3491 Jun 01 j 20:26	17°♉18'26	0.58757 AU
inferior conj	-3491 Jun 05 j 04:32	14°♉50'28	-4°-16'-31
minimum elong	-3491 Jun 05 j 02:26	14°♉54'24	4°16'17
morning rise	-3491 Jun 13 j 00:03	10°♉25'02	
direct	-3491 Jun 15 j 11:33	10°♉04'38	
morning max el	-3491 Jun 23 j 11:38	13°♉52'09	18°35'54
asc. node	-3491 Jun 30 j 00:16	22°♉10'46	
	-3491 Jul 04 j 14:21	0°♊	
morning set	-3491 Jul 09 j 17:10	9°♊40'16	
superior conj	-3491 Jul 18 j 16:26	26°♊52'04	1°48'45
minimum elong	-3491 Jul 18 j 17:02	26°♊54'53	1°48'52
	-3491 Jul 20 j 08:55	0°♋	
max. Earth dist.	-3491 Jul 25 j 21:07	9°♋54'34	1.39680 AU
evening rise	-3491 Jul 30 j 03:15	17°♋13'21	
	-3491 Aug 06 j 23:51	0°♌	
desc. node	-3491 Aug 11 j 02:37	6°♌20'39	
	-3491 Aug 28 j 04:30	0°♍	
evening max el	-3491 Sep 03 j 04:57	6°♍44'39	23°50'43
retrograde	-3491 Sep 13 j 23:39	13°♍06'08	
evening set	-3491 Sep 19 j 03:36	10°♍56'29	
min. Earth dist.	-3491 Sep 24 j 00:46	5°♍14'39	0.67380 AU
inferior conj	-3491 Sep 24 j 12:22	4°♍35'10	0°-29'-56
minimum elong	-3491 Sep 24 j 13:04	4°♍32'45	0°29'35
asc. node	-3491 Sep 25 j 23:21	2°♍37'49	
	-3491 Sep 28 j 04:18	30°℞♌	
morning rise	-3491 Sep 29 j 22:42	28°♌24'10	
direct	-3491 Oct 03 j 21:05	26°♌56'40	
	-3491 Oct 10 j 06:19	0°♍	
morning max el	-3491 Oct 12 j 04:58	1°♍50'02	20°55'29
greatest brilliancy	-3491 Oct 17 j 23:30	8°♍37'36	-0.5m
	-3491 Nov 01 j 21:57	0°♎	
desc. node	-3491 Nov 07 j 02:18	7°♎53'25	
morning set	-3491 Nov 10 j 16:17	13°♎26'25	
max. Earth dist.	-3491 Nov 19 j 10:52	27°♎24'00	1.42802 AU
	-3491 Nov 21 j 01:06	0°♏	
superior conj	-3491 Nov 26 j 05:50	8°♏38'45	-1°-42'-41
minimum elong	-3491 Nov 26 j 00:41	8°♏17'00	1°42'26
evening rise	-3491 Dec 08 j 01:50	29°♏16'17	
	-3491 Dec 08 j 11:39	0°♐	
asc. node	-3491 Dec 22 j 22:19	23°♐34'45	
evening max el	-3491 Dec 24 j 23:39	25°♐52'48	18°07'55
retrograde	-3491 Dec 31 j 15:07	29°♐20'32	
evening set	-3490 Jan 03 j 07:05	28°♐46'50	
inferior conj	-3490 Jan 09 j 21:02	23°♐40'05	3°59'44
minimum elong	-3490 Jan 09 j 19:56	23°♐42'50	3°59'33
min. Earth dist.	-3490 Jan 12 j 19:06	20°♐46'37	0.61879 AU
morning rise	-3490 Jan 16 j 06:31	17°♐50'26	
direct	-3490 Jan 23 j 07:01	15°♐19'48	
desc. node	-3490 Feb 03 j 01:40	20°♐09'25	
morning max el	-3490 Feb 06 j 07:24	23°♐04'44	27°41'37
	-3490 Feb 12 j 12:27	0°♑	
	-3490 Mar 03 j 23:12	0°♒	
morning set	-3490 Mar 11 j 07:14	14°♒12'29	
max. Earth dist.	-3490 Mar 17 j 06:05	26°♒44'41	1.32758 AU
superior conj	-3490 Mar 18 j 16:28	29°♒50'57	0°-23'-3
minimum elong	-3490 Mar 18 j 17:30	29°♒56'37	0°22'55
	-3490 Mar 18 j 18:08	0°♓	
asc. node	-3490 Mar 20 j 21:44	4°♓40'46	
evening rise	-3490 Mar 25 j 17:16	15°♓01'59	
	-3490 Apr 02 j 06:23	0°♈	
evening max el	-3490 Apr 20 j 00:48	25°♈07'59	24°31'28
	-3490 Apr 26 j 09:22	0°♉	
desc. node	-3490 May 02 j 00:29	2°♉01'41	
retrograde	-3490 May 03 j 23:34	2°♉10'35	
evening set	-3490 May 08 j 15:28	1°♉21'29	
	-3490 May 11 j 17:42	30°℞♈	
min. Earth dist.	-3490 May 14 j 12:44	28°♈22'35	0.56910 AU
inferior conj	-3490 May 17 j 07:08	26°♈35'45	-3°-38'-14
minimum elong	-3490 May 17 j 01:41	26°♈44'34	3°37'08
morning rise	-3490 May 25 j 16:03	22°♈29'22	
direct	-3490 May 28 j 03:37	22°♈12'20	
morning max el	-3490 Jun 06 j 11:25	26°♈32'19	19°26'15
	-3490 Jun 09 j 16:08	0°♉	
asc. node	-3490 Jun 16 j 21:18	10°♉58'02	
morning set	-3490 Jun 23 j 16:33	23°♉55'34	
	-3490 Jun 26 j 17:16	0°♊	
superior conj	-3490 Jul 01 j 21:32	10°♊17'56	1°46'29
minimum elong	-3490 Jul 01 j 20:13	10°♊11'28	1°46'34
max. Earth dist.	-3490 Jul 07 j 22:53	21°♊50'30	1.37741 AU
evening rise	-3490 Jul 11 j 20:23	28°♊53'46	
	-3490 Jul 12 j 11:23	0°♋	
desc. node	-3490 Jul 28 j 23:35	26°♋35'22	
	-3490 Jul 31 j 08:10	0°♌	
evening max el	-3490 Aug 16 j 15:48	20°♌15'04	25°08'26
retrograde	-3490 Aug 28 j 11:28	27°♌07'00	
evening set	-3490 Sep 03 j 06:28	24°♌39'24	
min. Earth dist.	-3490 Sep 07 j 18:40	19°♌33'20	0.67002 AU
inferior conj	-3490 Sep 08 j 17:01	18°♌19'50	-1°-23'-25
minimum elong	-3490 Sep 08 j 18:59	18°♌13'23	1°22'32
asc. node	-3490 Sep 12 j 20:28	13°♌27'39	
morning rise	-3490 Sep 14 j 07:59	12°♌16'24	
direct	-3490 Sep 17 j 18:58	11°♌07'07	
morning max el	-3490 Sep 25 j 06:19	15°♌25'40	19°47'44
greatest brilliancy	-3490 Oct 03 j 06:27	25°♌29'45	-0.6m

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3490 Oct	06 j 09:14	0°♍	
morning set	-3490 Oct	20 j 14:44	21°♍41'14	
desc. node	-3490 Oct	24 j 23:15	28°♍27'50	
	-3490 Oct	25 j 22:50	0°♎	
max. Earth dist.	-3490 Nov	01 j 22:38	11°♎01'26	1.44127 AU
superior conj	-3490 Nov	06 j 08:26	18°♎05'09	-1°-13'-42
minimum elong	-3490 Nov	06 j 01:16	17°♎36'15	1°12'58
	-3490 Nov	13 j 15:08	0°♏	
evening rise	-3490 Nov	20 j 02:28	10°♏52'14	
	-3490 Dec	01 j 14:29	0°♐	
evening max el	-3490 Dec	08 j 12:19	9°♐10'49	18°18'45
asc. node	-3490 Dec	09 j 19:24	10°♐23'39	
retrograde	-3490 Dec	15 j 01:26	12°♐44'14	
evening set	-3490 Dec	17 j 21:16	12°♐01'47	
inferior conj	-3490 Dec	24 j 01:33	6°♐35'11	3°42'16
minimum elong	-3490 Dec	23 j 22:58	6°♐42'22	3°41'45
min. Earth dist.	-3490 Dec	26 j 09:28	4°♐00'02	0.63661 AU
morning rise	-3490 Dec	29 j 23:05	0°♐34'51	
	-3490 Dec	30 j 17:27	30°℞♏	
direct	-3489 Jan	05 j 23:04	27°♏47'01	
	-3489 Jan	12 j 19:24	0°♐	
morning max el	-3489 Jan	19 j 15:02	5°♐31'59	27°34'50
desc. node	-3489 Jan	20 j 22:44	6°♐52'41	
	-3489 Feb	07 j 06:38	0°♑	
morning set	-3489 Feb	23 j 05:20	28°♑24'35	
	-3489 Feb	24 j 00:26	0°♒	
max. Earth dist.	-3489 Feb	28 j 10:53	9°♒07'22	1.33362 AU
superior conj	-3489 Mar	03 j 00:09	14°♒32'17	0°-48'-4
minimum elong	-3489 Mar	03 j 02:16	14°♒43'39	0°47'46
asc. node	-3489 Mar	07 j 18:43	24°♒47'13	
evening rise	-3489 Mar	10 j 04:47	29°♒55'12	
	-3489 Mar	10 j 05:42	0°♓	
	-3489 Mar	27 j 12:04	0°♈	
evening max el	-3489 Apr	01 j 17:01	5°♈49'51	22°57'31
retrograde	-3489 Apr	15 j 00:14	12°♈22'36	
evening set	-3489 Apr	18 j 08:48	11°♈57'57	
desc. node	-3489 Apr	18 j 21:36	11°♈49'42	
min. Earth dist.	-3489 Apr	26 j 03:08	8°♈31'12	0.55612 AU
inferior conj	-3489 Apr	27 j 14:41	7°♈39'38	-2°-19'00
minimum elong	-3489 Apr	27 j 09:05	7°♈47'46	2°17'20
morning rise	-3489 May	06 j 12:08	3°♈42'42	
direct	-3489 May	09 j 01:53	3°♈26'55	
morning max el	-3489 May	20 j 00:55	8°♈33'26	20°36'44
asc. node	-3489 Jun	03 j 18:19	0°♉15'39	
	-3489 Jun	03 j 15:03	0°♉	
morning set	-3489 Jun	07 j 22:11	8°♉32'20	
superior conj	-3489 Jun	15 j 14:33	24°♉21'26	1°36'48
minimum elong	-3489 Jun	15 j 12:11	24°♉09'22	1°36'42
	-3489 Jun	18 j 09:48	0°♊	
max. Earth dist.	-3489 Jun	20 j 05:50	3°♊37'00	1.36006 AU
evening rise	-3489 Jun	24 j 10:57	11°♊38'55	
	-3489 Jul	04 j 23:42	0°♋	
desc. node	-3489 Jul	15 j 20:37	16°♋29'07	
	-3489 Jul	26 j 12:02	0°♌	
evening max el	-3489 Jul	30 j 02:53	3°♌47'33	26°15'14
retrograde	-3489 Aug	11 j 18:32	10°♌58'55	
evening set	-3489 Aug	18 j 03:53	8°♌17'48	
min. Earth dist.	-3489 Aug	22 j 07:52	3°♌49'49	0.66288 AU
inferior conj	-3489 Aug	23 j 18:05	2°♌03'38	-2°-14'-54
minimum elong	-3489 Aug	23 j 21:09	1°♌54'07	2°13'42
	-3489 Aug	25 j 10:52	30°℞♋	
morning rise	-3489 Aug	29 j 15:14	26°♋11'05	
asc. node	-3489 Aug	30 j 17:34	25°♋39'15	
direct	-3489 Sep	01 j 17:11	25°♋16'40	
morning max el	-3489 Sep	08 j 14:18	29°♋08'50	18°54'44
	-3489 Sep	09 j 09:39	0°♌	
	-3489 Sep	29 j 17:09	0°♍	
morning set	-3489 Sep	30 j 05:29	0°♍48'51	
desc. node	-3489 Oct	11 j 20:13	19°♍09'10	
max. Earth dist.	-3489 Oct	15 j 15:29	25°♍08'35	1.44799 AU
superior conj	-3489 Oct	16 j 12:58	26°♍33'16	0°-29'-37
minimum elong	-3489 Oct	16 j 09:07	26°♍18'07	0°29'07
	-3489 Oct	18 j 17:21	0°♎	
evening rise	-3489 Nov	01 j 04:01	21°♎28'16	
	-3489 Nov	06 j 10:32	0°♏	
evening max el	-3489 Nov	21 j 23:58	22°♏35'24	18°47'34
asc. node	-3489 Nov	26 j 16:30	26°♏00'26	
retrograde	-3489 Nov	28 j 18:23	26°♏24'16	
evening set	-3489 Dec	01 j 19:37	25°♏31'15	
inferior conj	-3489 Dec	07 j 16:26	19°♏47'06	3°11'21
minimum elong	-3489 Dec	07 j 13:19	19°♏56'33	3°10'28
min. Earth dist.	-3489 Dec	09 j 09:30	17°♏42'22	0.65115 AU
morning rise	-3489 Dec	13 j 05:58	13°♏38'58	
direct	-3489 Dec	19 j 21:41	10°♏49'09	
morning max el	-3488 Jan	02 j 00:31	18°♏25'20	26°55'28
desc. node	-3488 Jan	07 j 19:47	24°♏51'54	
	-3488 Jan	11 j 20:45	0°♐	
	-3488 Jan	31 j 04:49	0°♑	
morning set	-3488 Feb	06 j 17:19	12°♑01'18	
max. Earth dist.	-3488 Feb	11 j 05:51	20°♑56'00	1.34397 AU
superior conj	-3488 Feb	15 j 02:53	28°♑53'52	-1°-11'-38
minimum elong	-3488 Feb	15 j 05:50	29°♑09'13	1°11'18
	-3488 Feb	15 j 15:34	0°♒	
evening rise	-3488 Feb	22 j 14:40	14°♒37'58	
asc. node	-3488 Feb	22 j 15:44	14°♒43'30	
	-3488 Mar	01 j 12:02	0°♓	
evening max el	-3488 Mar	13 j 14:46	16°♓43'49	21°26'41
retrograde	-3488 Mar	25 j 14:45	22°♓30'07	
evening set	-3488 Mar	28 j 03:39	22°♓15'29	
desc. node	-3488 Apr	04 j 18:44	19°♓11'03	
inferior conj	-3488 Apr	06 j 10:43	18°♓15'18	0°-27'-50
minimum elong	-3488 Apr	06 j 09:24	18°♓17'08	0°27'25
min. Earth dist.	-3488 Apr	06 j 16:57	18°♓06'31	0.55143 AU
morning rise	-3488 Apr	15 j 15:12	14°♓12'22	
direct	-3488 Apr	18 j 14:21	13°♓53'05	
morning max el	-3488 May	01 j 03:29	19°♓52'22	22°04'40
	-3488 May	09 j 11:29	0°♈	
asc. node	-3488 May	20 j 15:19	19°♈55'47	
morning set	-3488 May	22 j 07:50	23°♈23'57	
	-3488 May	25 j 11:16	0°♉	
superior conj	-3488 May	29 j 15:51	8°♉51'37	1°21'39
minimum elong	-3488 May	29 j 13:11	8°♉37'37	1°21'23
max. Earth dist.	-3488 Jun	01 j 22:15	15°♉38'29	1.34604 AU
evening rise	-3488 Jun	06 j 17:36	25°♉13'33	
	-3488 Jun	09 j 05:42	0°♊	
	-3488 Jun	27 j 10:38	0°♋	
desc. node	-3488 Jul	01 j 17:40	5°♋52'19	
evening max el	-3488 Jul	11 j 14:28	17°♋13'44	27°02'59
retrograde	-3488 Jul	24 j 20:13	24°♋34'25	
evening set	-3488 Jul	31 j 17:22	21°♋47'37	
min. Earth dist.	-3488 Aug	04 j 13:54	17°♋58'14	0.65209 AU
inferior conj	-3488 Aug	06 j 13:22	15°♋42'05	-3°-2'-21
minimum elong	-3488 Aug	06 j 17:09	15°♋31'12	3°01'07
morning rise	-3488 Aug	12 j 18:14	10°♋03'53	
direct	-3488 Aug	15 j 13:29	9°♋21'06	
asc. node	-3488 Aug	16 j 14:39	9°♋27'05	
morning max el	-3488 Aug	22 j 02:58	12°♋55'28	18°18'03
	-3488 Sep	03 j 03:09	0°♌	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3488 Sep 09 j 23:17	11°♌15'40	
	-3488 Sep 21 j 11:45	0°♍	
superior conj	-3488 Sep 24 j 13:59	4°♍55'57	0°19'55
minimum elong	-3488 Sep 24 j 16:28	5°♍05'50	0°19'38
max. Earth dist.	-3488 Sep 27 j 10:04	9°♍25'34	1.44737 AU
desc. node	-3488 Sep 27 j 17:11	9°♍53'39	
	-3488 Oct 10 j 13:04	0°♎	
evening rise	-3488 Oct 11 j 05:00	1°♎02'08	
greatest brilliancy	-3488 Oct 26 j 15:38	24°♎45'32	-0.7m
	-3488 Oct 30 j 08:40	0°♏	
evening max el	-3488 Nov 04 j 08:08	6°♏02'03	19°33'01
retrograde	-3488 Nov 11 j 14:47	10°♏15'12	
asc. node	-3488 Nov 12 j 13:37	10°♏09'58	
evening set	-3488 Nov 14 j 23:22	9°♏09'19	
inferior conj	-3488 Nov 20 j 14:38	3°♏10'43	2°31'11
minimum elong	-3488 Nov 20 j 11:43	3°♏20'12	2°30'09
min. Earth dist.	-3488 Nov 21 j 18:04	1°♏41'43	0.66199 AU
	-3488 Nov 23 j 02:29	30°℞♎	
morning rise	-3488 Nov 25 j 23:20	26°♎57'02	
direct	-3488 Dec 02 j 02:01	24°♎17'15	
	-3488 Dec 12 j 19:08	0°♏	
morning max el	-3488 Dec 14 j 09:53	1°♏33'24	25°50'56
desc. node	-3488 Dec 24 j 16:50	13°♏44'30	
	-3487 Jan 04 j 22:44	0°♐	
morning set	-3487 Jan 19 j 14:51	24°♐49'47	
	-3487 Jan 22 j 09:20	0°♑	
max. Earth dist.	-3487 Jan 23 j 13:21	2°♑13'39	1.35875 AU
superior conj	-3487 Jan 28 j 22:10	12°♑47'57	-1°-32'-14
minimum elong	-3487 Jan 29 j 01:23	13°♑04'14	1°32'00
evening rise	-3487 Feb 05 j 21:02	29°♑04'05	
	-3487 Feb 06 j 08:02	0°♒	
asc. node	-3487 Feb 08 j 12:47	4°♒24'43	
evening max el	-3487 Feb 23 j 22:15	28°♒08'55	20°09'01
	-3487 Feb 26 j 02:17	0°♓	
retrograde	-3487 Mar 06 j 06:20	3°♓03'51	
evening set	-3487 Mar 08 j 13:09	2°♓50'30	
	-3487 Mar 15 j 10:08	30°℞♒	
inferior conj	-3487 Mar 17 j 08:54	28°♒50'58	1°26'16
minimum elong	-3487 Mar 17 j 12:29	28°♒45'35	1°25'02
min. Earth dist.	-3487 Mar 19 j 07:00	27°♒41'52	0.55605 AU
desc. node	-3487 Mar 22 j 15:50	25°♒51'15	
morning rise	-3487 Mar 26 j 09:12	24°♒24'47	
direct	-3487 Mar 30 j 05:10	23°♒52'38	
	-3487 Apr 12 j 05:00	0°♓	
morning max el	-3487 Apr 12 j 21:39	0°♓38'41	23°43'06
	-3487 May 02 j 16:23	0°♈	
morning set	-3487 May 06 j 19:39	8°♈24'41	
asc. node	-3487 May 07 j 12:20	9°♈52'23	
superior conj	-3487 May 13 j 22:43	23°♈40'15	1°02'32
minimum elong	-3487 May 13 j 20:20	23°♈27'26	1°02'10
max. Earth dist.	-3487 May 16 j 00:20	28°♈05'07	1.33569 AU
	-3487 May 16 j 22:03	0°♉	
evening rise	-3487 May 21 j 11:49	9°♉24'40	
	-3487 Jun 01 j 15:14	0°♊	
desc. node	-3487 Jun 18 j 14:44	24°♊32'17	
	-3487 Jun 23 j 15:51	0°♋	
evening max el	-3487 Jun 24 j 01:05	0°♋22'23	27°24'34
retrograde	-3487 Jul 07 j 16:18	7°♋45'49	
evening set	-3487 Jul 14 j 19:50	5°♋04'48	
min. Earth dist.	-3487 Jul 18 j 10:54	1°♋50'12	0.63752 AU
	-3487 Jul 20 j 05:30	30°℞♊	
inferior conj	-3487 Jul 21 j 00:22	29°♊10'37	-3°-42'-45
minimum elong	-3487 Jul 21 j 04:09	29°♊00'44	3°41'51
morning rise	-3487 Jul 27 j 14:22	23°♊50'02	
direct	-3487 Jul 30 j 05:09	23°♊16'03	
asc. node	-3487 Aug 03 j 11:43	24°♊46'33	
morning max el	-3487 Aug 05 j 17:54	26°♊41'19	17°58'46
	-3487 Aug 08 j 14:44	0°♋	
morning set	-3487 Aug 22 j 18:57	22°♋56'25	
	-3487 Aug 26 j 21:21	0°♌	
superior conj	-3487 Sep 04 j 09:10	14°♌14'45	1°02'21
minimum elong	-3487 Sep 04 j 14:49	14°♌37'57	1°01'48
max. Earth dist.	-3487 Sep 10 j 02:38	23°♌31'55	1.43964 AU
	-3487 Sep 14 j 04:24	0°♍	
desc. node	-3487 Sep 14 j 14:10	0°♍38'25	
evening rise	-3487 Sep 20 j 12:09	9°♍51'39	
	-3487 Oct 03 j 19:15	0°♎	
greatest brilliancy	-3487 Oct 12 j 06:51	12°♎02'34	-0.5m
evening max el	-3487 Oct 18 j 10:59	19°♎28'29	20°33'12
retrograde	-3487 Oct 26 j 12:11	24°♎13'31	
evening set	-3487 Oct 30 j 06:14	22°♎52'20	
asc. node	-3487 Oct 30 j 10:44	22°♎44'00	
inferior conj	-3487 Nov 04 j 17:40	16°♎42'44	1°44'42
minimum elong	-3487 Nov 04 j 15:26	16°♎50'19	1°43'49
min. Earth dist.	-3487 Nov 05 j 09:04	15°♎50'35	0.66931 AU
morning rise	-3487 Nov 10 j 00:08	10°♎26'00	
direct	-3487 Nov 15 j 11:44	8°♎03'46	
morning max el	-3487 Nov 26 j 18:40	14°♎47'29	24°30'29
	-3487 Dec 09 j 05:55	0°♏	
desc. node	-3487 Dec 11 j 13:51	3°♏14'57	
	-3487 Dec 28 j 20:20	0°♐	
morning set	-3486 Jan 01 j 16:16	6°♐34'11	
max. Earth dist.	-3486 Jan 05 j 11:29	13°♐20'24	1.37740 AU
superior conj	-3486 Jan 12 j 06:35	26°♐04'52	-1°-47'-47
minimum elong	-3486 Jan 12 j 09:10	26°♐17'22	1°47'45
	-3486 Jan 14 j 06:55	0°♑	
evening rise	-3486 Jan 20 j 21:35	13°♑06'41	
asc. node	-3486 Jan 26 j 09:51	23°♑44'31	
	-3486 Jan 29 j 23:40	0°♒	
evening max el	-3486 Feb 06 j 16:15	10°♒10'02	19°09'30
retrograde	-3486 Feb 15 j 10:34	14°♒21'21	
evening set	-3486 Feb 17 j 18:44	14°♒04'43	
inferior conj	-3486 Feb 25 j 21:46	9°♒52'26	2°53'52
minimum elong	-3486 Feb 26 j 02:39	9°♒44'03	2°52'36
min. Earth dist.	-3486 Feb 28 j 22:17	7°♒48'53	0.56895 AU
morning rise	-3486 Mar 06 j 06:42	4°♒55'23	
desc. node	-3486 Mar 09 j 12:57	4°♒03'32	
direct	-3486 Mar 11 j 07:41	3°♒56'00	
morning max el	-3486 Mar 25 j 12:39	11°♒13'42	25°19'39
	-3486 Apr 08 j 20:44	0°♓	
morning set	-3486 Apr 21 j 07:49	23°♓27'03	
asc. node	-3486 Apr 24 j 09:20	29°♓59'06	
	-3486 Apr 24 j 09:30	0°♈	
superior conj	-3486 Apr 28 j 08:53	8°♈38'37	0°40'33
minimum elong	-3486 Apr 28 j 07:11	8°♈29'23	0°40'13
max. Earth dist.	-3486 Apr 29 j 09:25	10°♈52'02	1.32897 AU
evening rise	-3486 May 05 j 13:59	23°♈59'46	
	-3486 May 08 j 13:40	0°♉	
	-3486 May 26 j 09:27	0°♊	
desc. node	-3486 Jun 05 j 11:47	12°♊09'45	
evening max el	-3486 Jun 06 j 08:27	13°♊00'12	27°15'03
retrograde	-3486 Jun 20 j 06:03	20°♊22'46	
evening set	-3486 Jun 27 j 07:24	18°♊01'51	
min. Earth dist.	-3486 Jun 30 j 21:59	15°♊12'04	0.61948 AU
inferior conj	-3486 Jul 03 j 23:57	12°♊21'37	-4°-11'-45
minimum elong	-3486 Jul 04 j 02:35	12°♊15'30	4°11'20
morning rise	-3486 Jul 11 j 00:25	7°♊21'20	
direct	-3486 Jul 13 j 12:43	6°♊53'52	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3486 Jul 20 j 08:15	10°♊19'16	17°57'48
asc. node	-3486 Jul 21 j 08:47	11°♊22'51	
	-3486 Aug 02 j 08:46	0°♋	
morning set	-3486 Aug 05 j 11:09	5°♋36'00	
superior conj	-3486 Aug 16 j 07:42	24°♋54'52	1°31'02
minimum elong	-3486 Aug 16 j 12:22	25°♋14'57	1°30'46
	-3486 Aug 19 j 07:11	0°♌	
max. Earth dist.	-3486 Aug 23 j 14:08	7°♌08'43	1.42587 AU
evening rise	-3486 Aug 30 j 18:49	18°♌42'15	
desc. node	-3486 Sep 01 j 11:08	21°♌20'04	
	-3486 Sep 07 j 02:30	0°♍	
greatest brilliancy	-3486 Sep 26 j 10:08	27°♍18'38	-0.4m
	-3486 Sep 28 j 15:50	0°♎	
evening max el	-3486 Oct 01 j 07:39	2°♎54'16	21°45'11
retrograde	-3486 Oct 10 j 08:30	8°♎16'27	
evening set	-3486 Oct 14 j 14:15	6°♎37'36	
asc. node	-3486 Oct 17 j 07:49	3°♎51'12	
inferior conj	-3486 Oct 19 j 23:26	0°♎20'45	0°54'04
minimum elong	-3486 Oct 19 j 22:13	0°♎24'59	0°53'34
min. Earth dist.	-3486 Oct 20 j 04:05	0°♎04'43	0.67339 AU
	-3486 Oct 20 j 05:27	30°℞♍	
morning rise	-3486 Oct 25 j 05:54	24°♍03'45	
direct	-3486 Oct 30 j 02:11	22°♍02'38	
morning max el	-3486 Nov 09 j 04:29	28°♍04'07	23°03'56
	-3486 Nov 11 j 00:15	0°♎	
greatest brilliancy	-3486 Nov 14 j 03:42	3°♎39'15	-0.3m
desc. node	-3486 Nov 28 j 10:51	23°♎12'16	
	-3486 Dec 02 j 23:23	0°♏	
morning set	-3486 Dec 13 j 15:27	16°♏59'14	
max. Earth dist.	-3486 Dec 18 j 07:04	24°♏51'02	1.39808 AU
	-3486 Dec 21 j 05:53	0°♐	
superior conj	-3486 Dec 25 j 23:50	8°♐33'29	-1°-55'-28
minimum elong	-3486 Dec 26 j 00:24	8°♐36'06	1°55'36
evening rise	-3485 Jan 04 j 13:36	26°♐38'59	
	-3485 Jan 06 j 07:44	0°♑	
asc. node	-3485 Jan 13 j 06:54	12°♑35'49	
evening max el	-3485 Jan 20 j 19:09	22°♑43'28	18°29'54
retrograde	-3485 Jan 28 j 08:57	26°♑25'54	
evening set	-3485 Jan 30 j 20:18	26°♑03'29	
inferior conj	-3485 Feb 07 j 06:55	21°♑31'20	3°44'02
minimum elong	-3485 Feb 07 j 09:52	21°♑25'26	3°43'33
min. Earth dist.	-3485 Feb 10 j 16:29	18°♑49'55	0.58731 AU
morning rise	-3485 Feb 14 j 19:52	16°♑08'24	
direct	-3485 Feb 20 j 23:42	14°♑31'00	
desc. node	-3485 Feb 24 j 10:03	15°♑00'30	
morning max el	-3485 Mar 07 j 06:12	22°♑05'00	26°39'05
	-3485 Mar 14 j 05:48	0°♒	
	-3485 Apr 01 j 15:06	0°♓	
morning set	-3485 Apr 05 j 18:40	8°♓24'53	
asc. node	-3485 Apr 11 j 06:21	20°♓11'23	
superior conj	-3485 Apr 12 j 20:31	23°♓40'17	0°16'37
minimum elong	-3485 Apr 12 j 19:47	23°♓36'17	0°16'25
max. Earth dist.	-3485 Apr 12 j 22:14	23°♓49'41	1.32574 AU
	-3485 Apr 15 j 18:05	0°♈	
evening rise	-3485 Apr 19 j 21:25	8°♈49'50	
	-3485 Apr 30 j 23:51	0°♉	
evening max el	-3485 May 19 j 10:32	24°♉58'22	26°32'47
desc. node	-3485 May 23 j 08:51	28°♉18'47	
	-3485 May 25 j 22:10	0°♊	
retrograde	-3485 Jun 02 j 12:04	2°♊17'08	
evening set	-3485 Jun 08 j 23:50	0°♊29'30	
	-3485 Jun 09 j 20:26	30°℞♉	
min. Earth dist.	-3485 Jun 12 j 23:52	27°♉49'00	0.59929 AU
inferior conj	-3485 Jun 16 j 08:36	25°♉06'40	-4°-22'-24
minimum elong	-3485 Jun 16 j 08:35	25°♉06'43	4°22'19
morning rise	-3485 Jun 23 j 20:47	20°♉28'14	
direct	-3485 Jun 26 j 08:14	20°♉05'35	
morning max el	-3485 Jul 03 j 19:10	23°♉41'47	18°16'09
asc. node	-3485 Jul 08 j 05:50	29°♉00'38	
	-3485 Jul 08 j 22:17	0°♊	
morning set	-3485 Jul 19 j 18:40	19°♊01'11	
	-3485 Jul 25 j 14:28	0°♋	
superior conj	-3485 Jul 29 j 07:47	6°♋51'20	1°45'44
minimum elong	-3485 Jul 29 j 09:51	7°♋00'41	1°45'46
max. Earth dist.	-3485 Aug 05 j 20:03	20°♋05'31	1.40802 AU
evening rise	-3485 Aug 10 j 19:33	28°♋24'55	
	-3485 Aug 11 j 18:52	0°♌	
desc. node	-3485 Aug 19 j 08:05	11°♌54'57	
	-3485 Aug 31 j 17:00	0°♍	
greatest brilliancy	-3485 Sep 08 j 15:32	10°♍23'35	-0.2m
evening max el	-3485 Sep 13 j 22:52	16°♍20'37	23°04'25
retrograde	-3485 Sep 24 j 02:12	22°♍20'59	
evening set	-3485 Sep 28 j 21:37	20°♍22'50	
inferior conj	-3485 Oct 04 j 06:06	14°♍02'18	0°01'01
minimum elong	-3485 Oct 04 j 06:05	14°♍02'23	0°01'04
transit middle	-3485 Oct 04 j 06:05	14°♍02'23	0°01'04
transit begin	-3485 Oct 04 j 03:23	14°♍11'40	
transit end	-3485 Oct 04 j 08:46	13°♍53'07	
min. Earth dist.	-3485 Oct 04 j 00:31	14°♍21'34	0.67451 AU
asc. node	-3485 Oct 04 j 04:55	14°♍06'23	
morning rise	-3485 Oct 09 j 14:30	7°♍48'11	
direct	-3485 Oct 13 j 20:30	6°♍08'40	
morning max el	-3485 Oct 22 j 18:35	11°♍25'27	21°39'56
greatest brilliancy	-3485 Oct 27 j 19:13	17°♍11'11	-0.4m
	-3485 Nov 06 j 05:28	0°♎	
desc. node	-3485 Nov 15 j 07:48	13°♎28'02	
morning set	-3485 Nov 23 j 09:49	26°♎01'04	
	-3485 Nov 25 j 21:37	0°♏	
max. Earth dist.	-3485 Nov 30 j 07:37	7°♏12'28	1.41806 AU
superior conj	-3485 Dec 07 j 20:19	19°♏59'01	-1°-51'-40
minimum elong	-3485 Dec 07 j 17:24	19°♏46'20	1°51'39
	-3485 Dec 13 j 11:55	0°♐	
evening rise	-3485 Dec 18 j 17:36	9°♐32'28	
	-3485 Dec 30 j 14:20	0°♑	
asc. node	-3485 Dec 31 j 03:57	0°♑48'49	
evening max el	-3484 Jan 04 j 04:07	5°♑40'03	18°10'19
retrograde	-3484 Jan 11 j 00:36	9°♑09'03	
evening set	-3484 Jan 13 j 14:58	8°♑39'35	
inferior conj	-3484 Jan 20 j 11:38	3°♑45'14	4°01'17
minimum elong	-3484 Jan 20 j 11:51	3°♑44'44	4°01'10
min. Earth dist.	-3484 Jan 23 j 16:16	0°♑49'42	0.60756 AU
	-3484 Jan 24 j 15:31	30°℞♐	
morning rise	-3484 Jan 27 j 06:03	28°♐03'56	
direct	-3484 Feb 03 j 02:30	25°♐49'52	
desc. node	-3484 Feb 11 j 07:08	28°♐38'49	
	-3484 Feb 13 j 05:02	0°♑	
morning max el	-3484 Feb 17 j 05:38	3°♑31'23	27°29'00
	-3484 Mar 07 j 18:00	0°♒	
morning set	-3484 Mar 20 j 02:22	23°♒11'19	
	-3484 Mar 23 j 08:09	0°♓	
max. Earth dist.	-3484 Mar 26 j 11:09	6°♓45'17	1.32593 AU
superior conj	-3484 Mar 27 j 07:58	8°♓38'50	0°-8'-27
minimum elong	-3484 Mar 27 j 08:21	8°♓40'56	0°08'27
behind sun begin	-3484 Mar 27 j 04:03	8°♓17'30	
behind sun end	-3484 Mar 27 j 12:38	9°♓04'23	
asc. node	-3484 Mar 28 j 03:21	10°♓24'47	
evening rise	-3484 Apr 03 j 07:56	23°♓46'47	
	-3484 Apr 06 j 08:23	0°♈	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3484 Apr 24 j 14:31	0°♉		
evening max el	-3484 Apr 30 j 06:25	6°♉15'06	25°21'38	
desc. node	-3484 May 09 j 05:56	12°♉25'20		
retrograde	-3484 May 14 j 07:57	13°♉25'40		
evening set	-3484 May 19 j 18:22	12°♉16'37		
min. Earth dist.	-3484 May 24 j 18:41	9°♉28'42	0.57930 AU	
inferior conj	-3484 May 27 j 22:51	7°♉16'20	-4°-5'-4	
minimum elong	-3484 May 27 j 19:09	7°♉22'49	4°04'33	
morning rise	-3484 Jun 04 j 23:56	2°♉59'18		
direct	-3484 Jun 07 j 11:29	2°♉40'23		
morning max el	-3484 Jun 15 j 23:45	6°♉40'00	18°54'45	
asc. node	-3484 Jun 24 j 02:52	17°♉26'09		
	-3484 Jul 01 j 00:05	0°♊		
morning set	-3484 Jul 02 j 13:18	3°♊01'27		
superior conj	-3484 Jul 11 j 03:57	19°♊49'36	1°48'51	
minimum elong	-3484 Jul 11 j 03:38	19°♊48'05	1°48'58	
	-3484 Jul 16 j 14:57	0°♋		
max. Earth dist.	-3484 Jul 17 j 22:35	2°♋22'40	1.38847 AU	
evening rise	-3484 Jul 21 j 22:18	9°♋23'10		
	-3484 Aug 03 j 16:09	0°♌		
desc. node	-3484 Aug 05 j 05:04	2°♌19'06		
evening max el	-3484 Aug 26 j 10:42	29°♌50'01	24°24'38	
	-3484 Aug 26 j 14:45	0°♍		
retrograde	-3484 Sep 06 j 16:15	6°♍24'50		
evening set	-3484 Sep 12 j 02:39	4°♍07'18		
	-3484 Sep 15 j 19:55	30°℞♌		
inferior conj	-3484 Sep 17 j 12:00	27°♌46'36	0°-52'-43	
minimum elong	-3484 Sep 17 j 13:15	27°♌42'24	0°52'08	
min. Earth dist.	-3484 Sep 16 j 19:58	28°♌40'28	0.67263 AU	
asc. node	-3484 Sep 20 j 02:00	24°♌27'27		
morning rise	-3484 Sep 23 j 00:06	21°♌38'29		
direct	-3484 Sep 26 j 17:29	20°♌18'57		
morning max el	-3484 Oct 04 j 15:40	24°♌55'59	20°25'02	
	-3484 Oct 09 j 00:47	0°♍		
greatest brilliancy	-3484 Oct 11 j 04:47	2°♍49'58	-0.5m	
	-3484 Oct 29 j 15:19	0°♎		
morning set	-3484 Nov 01 j 09:14	4°♎14'25		
desc. node	-3484 Nov 01 j 04:46	3°♎57'06		
max. Earth dist.	-3484 Nov 11 j 16:05	20°♎27'49	1.43445 AU	
superior conj	-3484 Nov 17 j 14:47	0°♏09'26	-1°-32'-31	
minimum elong	-3484 Nov 17 j 08:17	29°♎42'38	1°32'01	
	-3484 Nov 17 j 12:30	0°♏		
evening rise	-3484 Nov 30 j 05:32	21°♏39'24		
	-3484 Dec 05 j 00:26	0°♐		
asc. node	-3484 Dec 17 j 01:01	18°♐12'12		
evening max el	-3484 Dec 17 j 16:11	18°♐51'53	18°10'14	
retrograde	-3484 Dec 24 j 05:31	22°♐20'38		
evening set	-3484 Dec 26 j 23:05	21°♐43'14		
inferior conj	-3483 Jan 02 j 08:34	16°♐27'29	3°54'18	
minimum elong	-3483 Jan 02 j 06:43	16°♐32'20	3°53'59	
min. Earth dist.	-3483 Jan 05 j 00:45	13°♐40'13	0.62676 AU	
morning rise	-3483 Jan 08 j 12:29	10°♐33'01		
direct	-3483 Jan 15 j 13:52	7°♐53'31		
desc. node	-3483 Jan 28 j 04:13	14°♐24'55		
morning max el	-3483 Jan 29 j 10:59	15°♐38'23	27°43'07	
	-3483 Feb 10 j 06:50	0°♑		
	-3483 Feb 28 j 07:30	0°♒		
morning set	-3483 Mar 04 j 04:45	7°♒38'39		
max. Earth dist.	-3483 Mar 09 j 20:15	19°♒24'46	1.32970 AU	
superior conj	-3483 Mar 11 j 17:32	23°♒28'17	0°-33'-46	
minimum elong	-3483 Mar 11 j 19:04	23°♒36'30	0°33'33	
	-3483 Mar 14 j 17:52	0°♓		
asc. node	-3483 Mar 15 j 00:21	0°♓35'06		
evening rise	-3483 Mar 18 j 19:36	8°♓43'28		

	-3483 Mar 29 j 23:51	0°♈		
evening max el	-3483 Apr 11 j 22:14	17°♈01'57	23°51'52	
retrograde	-3483 Apr 25 j 15:44	23°♈53'56		
desc. node	-3483 Apr 26 j 03:03	23°♈53'25		
evening set	-3483 Apr 29 j 17:57	23°♈16'54		
min. Earth dist.	-3483 May 06 j 09:33	20°♈07'50	0.56275 AU	
inferior conj	-3483 May 08 j 16:54	18°♈43'20	-3°-9'-36	
minimum elong	-3483 May 08 j 10:50	18°♈52'40	3°08'06	
morning rise	-3483 May 17 j 07:29	14°♈42'49		
direct	-3483 May 19 j 19:45	14°♈26'34		
morning max el	-3483 May 29 j 19:20	19°♈04'18	19°53'54	
	-3483 Jun 07 j 06:34	0°♉		
asc. node	-3483 Jun 10 j 23:53	6°♉27'26		
morning set	-3483 Jun 16 j 15:41	17°♉27'11		
	-3483 Jun 22 j 20:07	0°♊		
superior conj	-3483 Jun 24 j 14:40	3°♊33'20	1°43'10	
minimum elong	-3483 Jun 24 j 12:48	3°♊24'02	1°43'10	
max. Earth dist.	-3483 Jun 30 j 02:09	14°♊12'44	1.36968 AU	
evening rise	-3483 Jul 04 j 01:13	21°♊32'47		
	-3483 Jul 08 j 20:25	0°♋		
desc. node	-3483 Jul 23 j 02:06	22°♋26'11		
	-3483 Jul 28 j 12:55	0°♌		
evening max el	-3483 Aug 08 j 21:26	13°♌21'42	25°38'34	
retrograde	-3483 Aug 21 j 02:01	20°♌22'58		
evening set	-3483 Aug 27 j 03:28	17°♌48'36		
min. Earth dist.	-3483 Aug 31 j 12:02	12°♌58'50	0.66748 AU	
inferior conj	-3483 Sep 01 j 15:21	11°♌31'03	-1°-45'-35	
minimum elong	-3483 Sep 01 j 17:49	11°♌23'08	1°44'33	
asc. node	-3483 Sep 06 j 23:05	5°♌48'24		
morning rise	-3483 Sep 07 j 08:48	5°♌32'08		
direct	-3483 Sep 10 j 15:40	4°♌29'38		
morning max el	-3483 Sep 17 j 20:06	8°♌35'33	19°23'18	
greatest brilliancy	-3483 Sep 27 j 14:23	21°♌21'50	-0.7m	
	-3483 Oct 03 j 07:08	0°♍		
morning set	-3483 Oct 11 j 12:19	12°♍45'45		
desc. node	-3483 Oct 19 j 01:44	24°♍35'00		
	-3483 Oct 22 j 12:29	0°♎		
max. Earth dist.	-3483 Oct 25 j 06:42	4°♎21'18	1.44501 AU	
superior conj	-3483 Oct 28 j 06:27	9°♎06'05	0°-56'-25	
minimum elong	-3483 Oct 27 j 23:59	8°♎40'20	0°55'41	
	-3483 Nov 10 j 03:32	0°♏		
evening rise	-3483 Nov 11 j 20:50	2°♏50'59		
	-3483 Nov 29 j 05:32	0°♐		
evening max el	-3483 Dec 01 j 04:39	2°♐12'51	18°28'51	
asc. node	-3483 Dec 03 j 22:05	4°♐32'16		
retrograde	-3483 Dec 07 j 19:14	5°♐52'06		
evening set	-3483 Dec 10 j 17:07	5°♐05'25		
	-3483 Dec 16 j 07:49	30°℞♏		
inferior conj	-3483 Dec 16 j 17:56	29°♏30'44	3°30'32	
minimum elong	-3483 Dec 16 j 15:01	29°♏39'10	3°29'50	
min. Earth dist.	-3483 Dec 18 j 19:23	27°♏07'34	0.64316 AU	
morning rise	-3483 Dec 22 j 11:36	23°♏26'34		
direct	-3483 Dec 29 j 08:37	20°♏36'24		
morning max el	-3482 Jan 11 j 20:01	28°♏19'14	27°21'51	
	-3482 Jan 13 j 11:14	0°♐		
desc. node	-3482 Jan 15 j 01:17	1°♐43'57		
	-3482 Feb 04 j 00:41	0°♑		
morning set	-3482 Feb 15 j 23:04	21°♑37'50		
	-3482 Feb 20 j 03:04	0°♒		
max. Earth dist.	-3482 Feb 20 j 21:33	1°♒35'17	1.33744 AU	
superior conj	-3482 Feb 23 j 23:25	8°♒02'23	0°-58'-20	
minimum elong	-3482 Feb 24 j 01:57	8°♒15'43	0°57'59	
asc. node	-3482 Mar 01 j 21:23	20°♒38'14		
evening rise	-3482 Mar 03 j 06:42	23°♒33'31		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3482 Mar 06 j 10:05	0°♓	
evening max el	-3482 Mar 24 j 15:57	27°♓45'51	22°17'47
	-3482 Mar 27 j 05:53	0°♈	
retrograde	-3482 Apr 06 j 11:51	4°♈01'16	
evening set	-3482 Apr 09 j 10:10	3°♈42'20	
desc. node	-3482 Apr 13 j 00:10	2°♈32'42	
	-3482 Apr 17 j 23:15	30°℞♓	
min. Earth dist.	-3482 Apr 17 j 23:33	29°♓59'35	0.55297 AU
inferior conj	-3482 Apr 18 j 18:16	29°♓33'04	-1°-34'-28
minimum elong	-3482 Apr 18 j 14:03	29°♓39'01	1°33'06
morning rise	-3482 Apr 27 j 19:48	25°♓36'08	
direct	-3482 Apr 30 j 12:05	25°♓19'49	
	-3482 May 11 j 06:42	0°♈	
morning max el	-3482 May 12 j 04:19	0°♈48'29	21°12'19
asc. node	-3482 May 28 j 20:56	25°♈55'53	
	-3482 May 30 j 21:37	0°♉	
morning set	-3482 May 31 j 23:18	2°♉11'21	
superior conj	-3482 Jun 08 j 11:40	17°♉50'01	1°30'57
minimum elong	-3482 Jun 08 j 09:05	17°♉36'43	1°30'47
max. Earth dist.	-3482 Jun 12 j 12:37	26°♉02'27	1.35364 AU
	-3482 Jun 14 j 12:47	0°♊	
evening rise	-3482 Jun 16 j 23:15	4°♊40'58	
	-3482 Jul 01 j 15:57	0°♋	
desc. node	-3482 Jul 09 j 23:08	12°♋08'22	
evening max el	-3482 Jul 22 j 08:35	26°♋51'53	26°38'11
	-3482 Jul 25 j 21:37	0°♌	
retrograde	-3482 Aug 04 j 07:01	4°♌09'01	
evening set	-3482 Aug 10 j 21:53	1°♌23'59	
	-3482 Aug 12 j 10:08	30°℞♋	
min. Earth dist.	-3482 Aug 14 j 22:25	27°♋12'43	0.65877 AU
inferior conj	-3482 Aug 16 j 14:14	25°♋12'55	-2°-35'-41
minimum elong	-3482 Aug 16 j 17:40	25°♋02'33	2°34'26
morning rise	-3482 Aug 22 j 14:31	19°♋26'15	
asc. node	-3482 Aug 24 j 20:11	18°♋40'12	
direct	-3482 Aug 25 j 13:14	18°♋37'22	
morning max el	-3482 Sep 01 j 06:26	22°♋21'05	18°37'01
	-3482 Sep 07 j 07:51	0°♌	
morning set	-3482 Sep 21 j 14:03	22°♌25'44	
	-3482 Sep 26 j 07:16	0°♍	
desc. node	-3482 Oct 05 j 22:42	15°♍18'04	
superior conj	-3482 Oct 07 j 06:37	17°♍23'50	0°-8'-28
minimum elong	-3482 Oct 07 j 05:30	17°♍19'25	0°08'18
behind sun begin	-3482 Oct 06 j 19:36	16°♍40'23	
behind sun end	-3482 Oct 07 j 15:24	17°♍58'27	
max. Earth dist.	-3482 Oct 08 j 00:19	18°♍33'32	1.44859 AU
	-3482 Oct 15 j 06:41	0°♎	
evening rise	-3482 Oct 23 j 11:45	12°♎59'46	
	-3482 Nov 03 j 05:42	0°♏	
evening max el	-3482 Nov 14 j 15:01	15°♏38'19	19°05'00
asc. node	-3482 Nov 20 j 19:10	19°♏33'24	
retrograde	-3482 Nov 21 j 14:02	19°♏36'53	
evening set	-3482 Nov 24 j 18:02	18°♏38'53	
inferior conj	-3482 Nov 30 j 12:15	12°♏48'15	2°55'15
minimum elong	-3482 Nov 30 j 09:09	12°♏57'59	2°54'16
min. Earth dist.	-3482 Dec 01 j 23:24	10°♏58'05	0.65614 AU
morning rise	-3482 Dec 05 j 23:20	6°♏37'12	
direct	-3482 Dec 12 j 09:53	3°♏50'13	
morning max el	-3482 Dec 25 j 05:42	11°♏20'28	26°30'36
desc. node	-3481 Jan 01 j 22:20	20°♏08'09	
	-3481 Jan 09 j 04:48	0°♐	
	-3481 Jan 27 j 13:46	0°♑	
morning set	-3481 Jan 30 j 05:30	4°♑55'52	
max. Earth dist.	-3481 Feb 03 j 11:27	13°♑08'21	1.34963 AU
superior conj	-3481 Feb 07 j 23:18	22°♑13'02	-1°-20'-51
minimum elong	-3481 Feb 08 j 02:27	22°♑29'15	1°20'32
	-3481 Feb 11 j 17:14	0°♒	
evening rise	-3481 Feb 15 j 15:17	8°♒09'30	
asc. node	-3481 Feb 16 j 18:25	10°♒28'35	
	-3481 Feb 27 j 13:00	0°♓	
evening max el	-3481 Mar 06 j 17:31	8°♓51'33	20°51'45
retrograde	-3481 Mar 18 j 01:22	14°♓15'53	
evening set	-3481 Mar 20 j 09:57	14°♓02'44	
inferior conj	-3481 Mar 29 j 13:25	10°♓05'06	0°22'11
minimum elong	-3481 Mar 29 j 14:26	10°♓03'39	0°21'46
min. Earth dist.	-3481 Mar 30 j 13:46	9°♓30'14	0.55222 AU
desc. node	-3481 Mar 30 j 21:18	9°♓19'30	
morning rise	-3481 Apr 07 j 17:36	5°♓53'35	
direct	-3481 Apr 10 j 23:58	5°♓30'21	
morning max el	-3481 Apr 24 j 02:53	11°♓51'51	22°45'49
	-3481 May 07 j 13:16	0°♈	
asc. node	-3481 May 15 j 17:58	15°♈43'38	
morning set	-3481 May 16 j 10:04	17°♈07'15	
	-3481 May 22 j 11:37	0°♉	
superior conj	-3481 May 23 j 15:38	2°♉29'00	1°13'58
minimum elong	-3481 May 23 j 13:01	2°♉15'09	1°13'39
max. Earth dist.	-3481 May 26 j 09:02	8°♉12'58	1.34118 AU
evening rise	-3481 May 31 j 11:19	18°♉32'43	
	-3481 Jun 06 j 13:00	0°♊	
	-3481 Jun 25 j 20:36	0°♋	
desc. node	-3481 Jun 26 j 20:11	1°♋15'08	
evening max el	-3481 Jul 04 j 19:59	10°♋12'14	27°15'44
retrograde	-3481 Jul 18 j 06:38	17°♋35'17	
evening set	-3481 Jul 25 j 07:08	14°♋49'28	
min. Earth dist.	-3481 Jul 29 j 00:59	11°♋15'24	0.64631 AU
inferior conj	-3481 Jul 31 j 06:21	8°♋48'08	-3°-20'-37
minimum elong	-3481 Jul 31 j 10:16	8°♋37'20	3°19'29
morning rise	-3481 Aug 06 j 14:56	3°♋16'54	
direct	-3481 Aug 09 j 07:55	2°♋38'17	
asc. node	-3481 Aug 11 j 17:17	3°♋08'16	
morning max el	-3481 Aug 15 j 20:23	6°♋08'06	18°07'35
	-3481 Aug 31 j 18:32	0°♌	
morning set	-3481 Sep 02 j 19:25	3°♌25'45	
superior conj	-3481 Sep 16 j 13:19	26°♌05'02	0°39'21
minimum elong	-3481 Sep 16 j 17:45	26°♌22'50	0°38'52
	-3481 Sep 19 j 00:02	0°♍	
max. Earth dist.	-3481 Sep 20 j 17:58	2°♍46'45	1.44489 AU
desc. node	-3481 Sep 22 j 19:40	6°♍03'13	
evening rise	-3481 Oct 03 j 03:37	22°♍10'52	
	-3481 Oct 08 j 05:14	0°♎	
greatest brilliancy	-3481 Oct 21 j 12:03	19°♎51'05	-0.6m
evening max el	-3481 Oct 28 j 21:10	29°♎05'37	19°57'02
	-3481 Oct 29 j 19:05	0°♏	
retrograde	-3481 Nov 05 j 11:02	3°♏31'23	
asc. node	-3481 Nov 07 j 16:16	3°♏02'52	
evening set	-3481 Nov 08 j 23:21	2°♏19'26	
	-3481 Nov 11 j 12:51	30°℞♎	
inferior conj	-3481 Nov 14 j 12:48	26°♎16'02	2°12'05
minimum elong	-3481 Nov 14 j 10:07	26°♎24'54	2°11'06
min. Earth dist.	-3481 Nov 15 j 11:01	25°♎02'25	0.66554 AU
morning rise	-3481 Nov 19 j 20:15	20°♎00'44	
direct	-3481 Nov 25 j 16:47	17°♎27'23	
morning max el	-3481 Dec 07 j 14:30	24°♎31'13	25°17'58
	-3481 Dec 12 j 13:35	0°♏	
desc. node	-3481 Dec 19 j 19:22	9°♏18'38	
	-3480 Jan 02 j 15:35	0°♐	
morning set	-3480 Jan 12 j 19:11	17°♐18'50	
max. Earth dist.	-3480 Jan 16 j 13:55	24°♐15'31	1.36630 AU
	-3480 Jan 19 j 14:20	0°♑	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3480 Jan 22 j 14:24	5°♑52'30	-1°-39'-36	
minimum elong	-3480 Jan 22 j 17:30	6°♑07'51	1°39'27	
evening rise	-3480 Jan 30 j 19:26	22°♑25'56		
asc. node	-3480 Feb 03 j 15:27	0°♒01'05		
	-3480 Feb 03 j 15:13	0°♒		
evening max el	-3480 Feb 17 j 05:38	20°♒31'56	19°41'20	
retrograde	-3480 Feb 26 j 20:31	25°♒06'07		
evening set	-3480 Feb 29 j 03:35	24°♒51'42		
inferior conj	-3480 Mar 08 j 16:31	20°♒48'22	2°07'48	
minimum elong	-3480 Mar 08 j 21:10	20°♒41'01	2°06'21	
min. Earth dist.	-3480 Mar 11 j 04:10	19°♒14'36	0.56071 AU	
desc. node	-3480 Mar 16 j 18:25	16°♒23'37		
morning rise	-3480 Mar 17 j 11:21	16°♒09'11		
direct	-3480 Mar 21 j 19:34	15°♒26'58		
morning max el	-3480 Apr 04 j 18:39	22°♒28'32	24°25'15	
	-3480 Apr 11 j 09:40	0°♓		
	-3480 Apr 28 j 21:30	0°♈		
morning set	-3480 Apr 29 j 22:11	2°♈08'43		
asc. node	-3480 May 01 j 14:58	5°♈44'41		
superior conj	-3480 May 07 j 00:05	17°♈21'57	0°53'30	
minimum elong	-3480 May 06 j 21:57	17°♈10'25	0°53'08	
max. Earth dist.	-3480 May 08 j 14:29	20°♈48'52	1.33243 AU	
	-3480 May 12 j 23:02	0°♉		
evening rise	-3480 May 14 j 09:16	2°♉55'01		
	-3480 May 29 j 08:47	0°♊		
desc. node	-3480 Jun 12 j 17:14	19°♊31'07		
evening max el	-3480 Jun 16 j 05:46	23°♊09'56	27°24'39	
	-3480 Jun 26 j 13:16	0°♋		
retrograde	-3480 Jun 30 j 00:01	0°♋32'40		
	-3480 Jul 03 j 07:36	30°℞♊		
evening set	-3480 Jul 07 j 03:45	27°♊58'50		
min. Earth dist.	-3480 Jul 10 j 17:55	24°♊56'07	0.63021 AU	
inferior conj	-3480 Jul 13 j 12:55	22°♊10'18	-3°-56'-52	
minimum elong	-3480 Jul 13 j 16:24	22°♊01'40	3°56'08	
morning rise	-3480 Jul 20 j 07:11	16°♊57'43		
direct	-3480 Jul 22 j 20:44	16°♊26'39		
asc. node	-3480 Jul 28 j 14:22	19°♊02'02		
morning max el	-3480 Jul 29 j 11:20	19°♊50'53	17°56'00	
	-3480 Aug 05 j 23:45	0°♋		
morning set	-3480 Aug 15 j 00:33	15°♋33'38		
	-3480 Aug 23 j 07:24	0°♌		
superior conj	-3480 Aug 26 j 19:45	5°♌57'00	1°16'20	
minimum elong	-3480 Aug 27 j 01:22	6°♌20'28	1°15'51	
max. Earth dist.	-3480 Sep 02 j 08:57	16°♌43'34	1.43447 AU	
desc. node	-3480 Sep 08 j 16:36	26°♌46'54		
	-3480 Sep 10 j 18:04	0°♍		
evening rise	-3480 Sep 11 j 08:04	0°♍54'20		
	-3480 Sep 30 j 21:20	0°♎		
greatest brilliancy	-3480 Oct 05 j 09:45	6°♎05'20	-0.5m	
evening max el	-3480 Oct 10 j 21:30	12°♎32'03	21°02'39	
retrograde	-3480 Oct 19 j 08:02	17°♎31'48		
evening set	-3480 Oct 23 j 06:54	16°♎03'17		
asc. node	-3480 Oct 24 j 13:22	14°♎57'13		
inferior conj	-3480 Oct 28 j 17:12	9°♎50'21	1°23'36	
minimum elong	-3480 Oct 28 j 15:22	9°♎56'39	1°22'51	
min. Earth dist.	-3480 Oct 29 j 03:54	9°♎13'45	0.67151 AU	
morning rise	-3480 Nov 02 j 23:27	3°♎33'24		
direct	-3480 Nov 08 j 04:34	1°♎19'53		
morning max el	-3480 Nov 18 j 23:13	7°♎45'34	23°53'47	
desc. node	-3480 Dec 05 j 16:21	29°♎01'23		
	-3480 Dec 06 j 08:33	0°♏		
morning set	-3480 Dec 24 j 10:00	28°♏30'11		
	-3480 Dec 25 j 06:56	0°♐		
max. Earth dist.	-3480 Dec 28 j 10:08	5°♐28'43	1.38618 AU	

superior conj	-3479 Jan 04 j 16:57	18°♐50'16	-1°-52'-12	
minimum elong	-3479 Jan 04 j 18:52	18°♐59'21	1°52'17	
	-3479 Jan 10 j 11:51	0°♑		
evening rise	-3479 Jan 13 j 16:41	6°♑16'15		
asc. node	-3479 Jan 20 j 12:28	19°♑09'27		
	-3479 Jan 27 j 14:39	0°♒		
evening max el	-3479 Jan 30 j 03:41	2°♒47'19	18°50'08	
retrograde	-3479 Feb 07 j 08:17	6°♒44'19		
evening set	-3479 Feb 09 j 17:57	6°♒25'17		
inferior conj	-3479 Feb 17 j 13:42	2°♒04'44	3°19'42	
minimum elong	-3479 Feb 17 j 18:01	1°♒56'50	3°18'45	
	-3479 Feb 20 j 10:10	30°℞♑		
min. Earth dist.	-3479 Feb 20 j 19:59	29°♑42'46	0.57633 AU	
morning rise	-3479 Feb 25 j 14:19	26°♑56'04		
direct	-3479 Mar 03 j 03:41	25°♑41'24		
desc. node	-3479 Mar 03 j 15:31	25°♑42'00		
	-3479 Mar 13 j 19:59	0°♒		
morning max el	-3479 Mar 17 j 09:59	3°♒06'38	25°56'32	
	-3479 Apr 05 j 15:11	0°♓		
morning set	-3479 Apr 14 j 10:01	17°♓10'06		
asc. node	-3479 Apr 18 j 11:58	25°♓54'18		
	-3479 Apr 20 j 09:01	0°♈		
superior conj	-3479 Apr 21 j 11:04	2°♈22'24	0°30'35	
minimum elong	-3479 Apr 21 j 09:46	2°♈15'13	0°30'18	
max. Earth dist.	-3479 Apr 22 j 01:51	3°♈43'04	1.32718 AU	
evening rise	-3479 Apr 28 j 13:59	17°♈37'40		
	-3479 May 04 j 20:17	0°♉		
	-3479 May 24 j 07:33	0°♊		
evening max el	-3479 May 29 j 11:14	5°♊32'17	27°01'02	
desc. node	-3479 May 30 j 14:18	6°♊35'04		
retrograde	-3479 Jun 12 j 10:22	12°♊52'50		
evening set	-3479 Jun 19 j 07:40	10°♊44'42		
min. Earth dist.	-3479 Jun 23 j 00:45	8°♊01'14	0.61107 AU	
inferior conj	-3479 Jun 26 j 06:38	5°♊11'48	-4°-19'-2	
minimum elong	-3479 Jun 26 j 08:20	5°♊08'05	4°18'49	
morning rise	-3479 Jul 03 j 11:55	0°♊20'41		
	-3479 Jul 04 j 22:14	30°℞♉		
direct	-3479 Jul 05 j 23:52	29°♉55'16		
	-3479 Jul 07 j 01:16	0°♊		
morning max el	-3479 Jul 13 j 00:35	3°♊23'29	18°03'14	
asc. node	-3479 Jul 15 j 11:25	6°♊06'29		
morning set	-3479 Jul 28 j 23:56	28°♊34'43		
	-3479 Jul 29 j 18:24	0°♋		
superior conj	-3479 Aug 08 j 05:51	17°♋11'47	1°38'52	
minimum elong	-3479 Aug 08 j 09:28	17°♋27'42	1°38'44	
	-3479 Aug 15 j 17:02	0°♌		
max. Earth dist.	-3479 Aug 15 j 18:42	0°♌06'57	1.41871 AU	
evening rise	-3479 Aug 21 j 20:45	10°♌02'32		
desc. node	-3479 Aug 26 j 13:34	17°♌26'13		
	-3479 Sep 03 j 21:10	0°♍		
greatest brilliancy	-3479 Sep 18 j 22:06	20°♍37'46	-0.3m	
evening max el	-3479 Sep 23 j 15:40	25°♍57'39	22°18'12	
	-3479 Sep 28 j 10:49	0°♎		
retrograde	-3479 Oct 03 j 03:24	1°♎35'58		
	-3479 Oct 07 j 09:10	30°℞♍		
evening set	-3479 Oct 07 j 14:52	29°♍48'45		
asc. node	-3479 Oct 11 j 10:28	25°♍36'18		
inferior conj	-3479 Oct 12 j 23:34	23°♍29'48	0°31'44	
minimum elong	-3479 Oct 12 j 22:50	23°♍32'20	0°31'27	
min. Earth dist.	-3479 Oct 12 j 23:44	23°♍29'12	0.67431 AU	
morning rise	-3479 Oct 18 j 06:40	17°♍13'52		
direct	-3479 Oct 22 j 20:39	15°♍22'15		
morning max el	-3479 Nov 01 j 10:37	21°♍04'10	22°27'24	
greatest brilliancy	-3479 Nov 06 j 03:09	26°♍21'02	-0.3m	
	-3479 Nov 09 j 00:32	0°♎		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3479 Nov 22 j 13:19	19°♎07'03	
	-3479 Nov 29 j 15:48	0°♏	
morning set	-3479 Dec 04 j 20:43	8°♏18'22	
max. Earth dist.	-3479 Dec 10 j 07:38	17°♏20'50	1.40689 AU
	-3479 Dec 17 j 14:08	0°♐	
superior conj	-3479 Dec 18 j 02:02	0°♐53'17	-1°-55'-30
minimum elong	-3479 Dec 18 j 01:16	0°♐49'52	1°55'37
evening rise	-3479 Dec 28 j 04:03	19°♐33'01	
	-3478 Jan 02 j 19:30	0°♑	
asc. node	-3478 Jan 07 j 09:31	7°♑45'31	
evening max el	-3478 Jan 13 j 09:25	15°♑30'58	18°19'05
retrograde	-3478 Jan 20 j 14:41	19°♑06'21	
evening set	-3478 Jan 23 j 03:14	18°♑41'06	
inferior conj	-3478 Jan 30 j 07:31	13°♑59'18	3°54'55
minimum elong	-3478 Jan 30 j 09:17	13°♑55'32	3°54'40
min. Earth dist.	-3478 Feb 02 j 16:10	11°♑08'55	0.59583 AU
morning rise	-3478 Feb 06 j 12:08	8°♑27'27	
direct	-3478 Feb 13 j 00:13	6°♑33'51	
desc. node	-3478 Feb 18 j 12:37	7°♑50'29	
morning max el	-3478 Feb 27 j 06:04	14°♑11'55	27°04'40
	-3478 Mar 11 j 22:29	0°♒	
	-3478 Mar 28 j 19:46	0°♓	
morning set	-3478 Mar 29 j 19:46	2°♓04'00	
asc. node	-3478 Apr 05 j 08:57	16°♓07'22	
superior conj	-3478 Apr 05 j 22:48	17°♓23'11	0°06'04
minimum elong	-3478 Apr 05 j 22:32	17°♓21'43	0°05'58
behind sun begin	-3478 Apr 05 j 17:53	16°♓56'13	
behind sun end	-3478 Apr 06 j 03:12	17°♓47'14	
max. Earth dist.	-3478 Apr 05 j 15:13	16°♓41'38	1.32534 AU
	-3478 Apr 11 j 18:19	0°♈	
evening rise	-3478 Apr 12 j 22:57	2°♈31'09	
	-3478 Apr 27 j 21:28	0°♉	
evening max el	-3478 May 11 j 10:20	17°♉11'00	26°05'31
desc. node	-3478 May 17 j 11:25	21°♉56'22	
retrograde	-3478 May 25 j 12:23	24°♉27'43	
evening set	-3478 May 31 j 14:54	22°♉56'07	
min. Earth dist.	-3478 Jun 04 j 23:01	20°♉14'40	0.59056 AU
inferior conj	-3478 Jun 08 j 07:46	17°♉42'10	-4°-19'-7
minimum elong	-3478 Jun 08 j 06:13	17°♉45'06	4°18'58
morning rise	-3478 Jun 16 j 01:21	13°♉13'32	
direct	-3478 Jun 18 j 12:48	12°♉52'36	
morning max el	-3478 Jun 26 j 09:12	16°♉36'46	18°30'10
asc. node	-3478 Jul 02 j 08:27	24°♉05'44	
	-3478 Jul 05 j 22:29	0°♊	
morning set	-3478 Jul 12 j 12:37	12°♊15'31	
superior conj	-3478 Jul 21 j 15:14	29°♊36'38	1°48'17
minimum elong	-3478 Jul 21 j 16:12	29°♊41'07	1°48'24
	-3478 Jul 21 j 20:16	0°♋	
max. Earth dist.	-3478 Jul 28 j 22:29	12°♋44'55	1.39972 AU
evening rise	-3478 Aug 02 j 08:14	20°♋15'49	
	-3478 Aug 08 j 07:42	0°♌	
desc. node	-3478 Aug 13 j 10:33	7°♌57'04	
	-3478 Aug 29 j 01:48	0°♍	
evening max el	-3478 Sep 06 j 04:59	9°♍24'32	23°38'45
retrograde	-3478 Sep 16 j 19:51	15°♍40'59	
evening set	-3478 Sep 21 j 21:31	13°♍34'20	
inferior conj	-3478 Sep 27 j 06:09	7°♍13'00	0°-21'-45
minimum elong	-3478 Sep 27 j 06:40	7°♍11'15	0°21'30
min. Earth dist.	-3478 Sep 26 j 20:07	7°♍47'19	0.67406 AU
asc. node	-3478 Sep 28 j 07:33	5°♍46'53	
morning rise	-3478 Oct 02 j 15:56	1°♍01'02	
	-3478 Oct 04 j 08:50	30°℞♌	
direct	-3478 Oct 06 j 16:12	29°♌30'32	
	-3478 Oct 09 j 02:26	0°♍	
morning max el	-3478 Oct 15 j 03:41	4°♍29'56	21°06'39
greatest brilliancy	-3478 Oct 20 j 16:57	10°♍59'08	-0.5m
	-3478 Nov 03 j 03:50	0°♎	
desc. node	-3478 Nov 09 j 10:16	9°♎29'09	
morning set	-3478 Nov 14 j 05:03	16°♎53'51	
	-3478 Nov 22 j 09:57	0°♏	
max. Earth dist.	-3478 Nov 22 j 11:19	0°♏05'35	1.42557 AU
superior conj	-3478 Nov 29 j 12:02	11°♏48'14	-1°-45'-36
minimum elong	-3478 Nov 29 j 07:26	11°♏28'43	1°45'24
	-3478 Dec 09 j 21:14	0°♐	
evening rise	-3478 Dec 11 j 01:51	2°♐08'21	
asc. node	-3478 Dec 25 j 06:35	25°♐39'21	
evening max el	-3478 Dec 27 j 20:05	28°♐35'16	18°07'57
	-3478 Dec 29 j 10:03	0°♑	
retrograde	-3477 Jan 03 j 12:35	2°♑02'55	
evening set	-3477 Jan 06 j 04:06	1°♑30'22	
	-3477 Jan 08 j 19:06	30°℞♐	
inferior conj	-3477 Jan 12 j 19:43	26°♐26'56	4°00'48
minimum elong	-3477 Jan 12 j 18:56	26°♐28'51	4°00'38
min. Earth dist.	-3477 Jan 15 j 19:44	23°♐32'07	0.61595 AU
morning rise	-3477 Jan 19 j 07:23	20°♐39'15	
direct	-3477 Jan 26 j 07:12	18°♐12'22	
desc. node	-3477 Feb 05 j 09:41	22°♐27'55	
morning max el	-3477 Feb 09 j 08:24	25°♐56'48	27°39'27
	-3477 Feb 13 j 03:41	0°♑	
	-3477 Mar 05 j 08:43	0°♒	
morning set	-3477 Mar 14 j 01:31	16°♒43'28	
max. Earth dist.	-3477 Mar 20 j 02:52	29°♒31'24	1.32703 AU
	-3477 Mar 20 j 08:09	0°♓	
superior conj	-3477 Mar 21 j 09:41	2°♓18'43	0°-19'-13
minimum elong	-3477 Mar 21 j 10:33	2°♓23'27	0°19'07
asc. node	-3477 Mar 23 j 05:58	6°♓19'59	
evening rise	-3477 Mar 28 j 10:10	17°♓28'32	
	-3477 Apr 03 j 15:51	0°♈	
evening max el	-3477 Apr 23 j 03:51	28°♈11'55	24°44'54
	-3477 Apr 25 j 03:52	0°♉	
desc. node	-3477 May 04 j 08:32	4°♉58'50	
retrograde	-3477 May 07 j 03:48	5°♉17'03	
evening set	-3477 May 12 j 00:31	4°♉23'12	
min. Earth dist.	-3477 May 17 j 15:58	1°♉27'25	0.57159 AU
	-3477 May 19 j 21:23	30°℞♈	
inferior conj	-3477 May 20 j 13:23	29°♈33'30	-3°-46'-38
minimum elong	-3477 May 20 j 08:19	29°♈41'53	3°45'42
morning rise	-3477 May 28 j 20:15	25°♈24'29	
direct	-3477 May 31 j 07:44	25°♈07'02	
morning max el	-3477 Jun 09 j 10:17	29°♈21'28	19°17'28
	-3477 Jun 10 j 02:14	0°♉	
asc. node	-3477 Jun 19 j 05:29	12°♉47'15	
morning set	-3477 Jun 26 j 10:50	26°♉26'42	
	-3477 Jun 28 j 05:39	0°♊	
superior conj	-3477 Jul 04 j 18:08	12°♊55'18	1°47'22
minimum elong	-3477 Jul 04 j 17:03	12°♊50'01	1°47'27
max. Earth dist.	-3477 Jul 11 j 00:09	24°♊44'54	1.38020 AU
	-3477 Jul 13 j 21:55	0°♋	
evening rise	-3477 Jul 14 j 21:44	1°♋45'15	
desc. node	-3477 Jul 31 j 07:35	28°♋14'24	
	-3477 Aug 01 j 12:24	0°♌	
evening max el	-3477 Aug 19 j 16:04	22°♌54'45	24°57'27
retrograde	-3477 Aug 31 j 08:18	29°♌42'37	
evening set	-3477 Sep 06 j 01:01	27°♌17'37	
min. Earth dist.	-3477 Sep 10 j 14:33	22°♌06'00	0.67076 AU
inferior conj	-3477 Sep 11 j 11:13	20°♌57'40	-1°-15'-21
minimum elong	-3477 Sep 11 j 13:00	20°♌51'47	1°14'34
asc. node	-3477 Sep 15 j 04:39	16°♌27'35	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3477 Sep 17 j 01:22	14°♌52'49	
direct	-3477 Sep 20 j 13:57	13°♌40'55	
morning max el	-3477 Sep 28 j 03:54	18°♌04'04	19°56'57
greatest brilliancy	-3477 Oct 05 j 17:39	27°♌28'58	-0.6m
	-3477 Oct 07 j 12:20	0°♍	
morning set	-3477 Oct 24 j 02:58	25°♍05'58	
desc. node	-3477 Oct 27 j 07:13	0°♎02'13	
	-3477 Oct 27 j 06:39	0°♎	
max. Earth dist.	-3477 Nov 04 j 22:15	13°♎37'38	1.43972 AU
superior conj	-3477 Nov 09 j 18:45	21°♎26'03	-1°-19'-11
minimum elong	-3477 Nov 09 j 11:35	20°♎57'02	1°18'31
	-3477 Nov 15 j 00:02	0°♏	
evening rise	-3477 Nov 23 j 05:34	13°♏52'36	
	-3477 Dec 02 j 18:41	0°♐	
evening max el	-3477 Dec 11 j 08:44	11°♐51'59	18°15'57
asc. node	-3477 Dec 12 j 03:41	12°♐37'44	
retrograde	-3477 Dec 17 j 21:36	15°♐23'42	
evening set	-3477 Dec 20 j 16:50	14°♐42'35	
inferior conj	-3477 Dec 26 j 22:24	9°♐18'44	3°45'51
minimum elong	-3477 Dec 26 j 19:58	9°♐25'23	3°45'23
min. Earth dist.	-3477 Dec 29 j 08:30	6°♐40'03	0.63422 AU
morning rise	-3476 Jan 01 j 21:29	3°♐19'56	
direct	-3476 Jan 08 j 22:09	0°♐33'43	
morning max el	-3476 Jan 22 j 15:28	8°♐18'40	27°37'59
desc. node	-3476 Jan 23 j 06:45	8°♐57'00	
	-3476 Feb 08 j 11:37	0°♑	
	-3476 Feb 25 j 12:50	0°♒	
morning set	-3476 Feb 26 j 00:49	0°♒59'36	
max. Earth dist.	-3476 Mar 02 j 08:52	11°♒58'22	1.33249 AU
superior conj	-3476 Mar 04 j 17:57	17°♒02'18	0°-44'-21
minimum elong	-3476 Mar 04 j 19:55	17°♒12'52	0°44'04
asc. node	-3476 Mar 09 j 03:01	26°♒27'38	
	-3476 Mar 10 j 18:46	0°♓	
evening rise	-3476 Mar 11 j 21:48	2°♓22'49	
	-3476 Mar 27 j 07:27	0°♈	
evening max el	-3476 Apr 03 j 19:52	8°♈54'26	23°11'35
retrograde	-3476 Apr 17 j 06:10	15°♈32'31	
desc. node	-3476 Apr 20 j 05:38	15°♈13'01	
evening set	-3476 Apr 20 j 19:01	15°♈05'11	
min. Earth dist.	-3476 Apr 28 j 06:27	11°♈43'28	0.55758 AU
inferior conj	-3476 Apr 29 j 23:32	10°♈43'15	-2°-33'-34
minimum elong	-3476 Apr 29 j 17:38	10°♈51'55	2°31'52
morning rise	-3476 May 08 j 19:17	6°♈45'48	
direct	-3476 May 11 j 08:34	6°♈29'58	
morning max el	-3476 May 22 j 01:23	11°♈28'42	20°25'03
	-3476 Jun 04 j 00:43	0°♉	
asc. node	-3476 Jun 05 j 02:32	2°♉01'04	
morning set	-3476 Jun 09 j 15:44	11°♉00'59	
superior conj	-3476 Jun 17 j 09:39	26°♉54'02	1°38'40
minimum elong	-3476 Jun 17 j 07:23	26°♉42'34	1°38'36
	-3476 Jun 18 j 22:36	0°♊	
max. Earth dist.	-3476 Jun 22 j 06:11	6°♊32'02	1.36245 AU
evening rise	-3476 Jun 26 j 09:28	14°♊21'48	
	-3476 Jul 05 j 07:58	0°♋	
desc. node	-3476 Jul 17 j 04:38	18°♋11'57	
	-3476 Jul 26 j 05:02	0°♌	
evening max el	-3476 Aug 01 j 03:07	6°♌27'23	26°06'19
retrograde	-3476 Aug 13 j 15:59	13°♌36'12	
evening set	-3476 Aug 19 j 23:23	10°♌56'42	
min. Earth dist.	-3476 Aug 24 j 04:34	6°♌23'02	0.66418 AU
inferior conj	-3476 Aug 25 j 12:56	4°♌41'38	-2°-7'-18
minimum elong	-3476 Aug 25 j 15:51	4°♌32'29	2°06'08
	-3476 Aug 29 j 17:51	30°℞♋	
morning rise	-3476 Aug 31 j 09:04	28°♋47'19	
asc. node	-3476 Sep 01 j 01:44	28°♋25'04	
direct	-3476 Sep 03 j 12:15	27°♋50'51	
	-3476 Sep 08 j 12:38	0°♌	
morning max el	-3476 Sep 10 j 10:59	1°♌46'09	19°01'39
	-3476 Sep 30 j 00:38	0°♍	
morning set	-3476 Oct 02 j 14:15	4°♍02'59	
desc. node	-3476 Oct 13 j 04:13	20°♍42'40	
max. Earth dist.	-3476 Oct 17 j 14:48	27°♍42'21	1.44748 AU
superior conj	-3476 Oct 19 j 01:40	29°♍59'56	0°-36'-56
minimum elong	-3476 Oct 18 j 20:58	29°♍41'24	0°36'21
	-3476 Oct 19 j 01:41	0°♎	
evening rise	-3476 Nov 03 j 10:48	24°♎37'59	
	-3476 Nov 06 j 17:53	0°♏	
evening max el	-3476 Nov 23 j 20:41	25°♏15'42	18°42'07
asc. node	-3476 Nov 28 j 00:45	28°♏26'17	
retrograde	-3476 Nov 30 j 13:49	29°♏01'42	
evening set	-3476 Dec 03 j 14:10	28°♏10'18	
inferior conj	-3476 Dec 09 j 11:56	22°♏28'26	3°16'40
minimum elong	-3476 Dec 09 j 08:51	22°♏37'42	3°15'50
min. Earth dist.	-3476 Dec 11 j 07:07	20°♏18'50	0.64924 AU
morning rise	-3476 Dec 15 j 02:27	16°♏21'18	
direct	-3476 Dec 21 j 19:42	13°♏31'05	
morning max el	-3475 Jan 04 j 00:53	21°♏09'00	27°03'09
desc. node	-3475 Jan 09 j 03:48	26°♏46'14	
	-3475 Jan 11 j 18:46	0°♐	
	-3475 Jan 31 j 14:18	0°♑	
morning set	-3475 Feb 08 j 14:35	14°♑42'27	
max. Earth dist.	-3475 Feb 13 j 05:40	23°♑53'11	1.34216 AU
	-3475 Feb 16 j 04:53	0°♒	
superior conj	-3475 Feb 16 j 21:35	1°♒27'17	-1°-8'-13
minimum elong	-3475 Feb 17 j 00:26	1°♒42'12	1°07'52
evening rise	-3475 Feb 24 j 08:05	17°♒07'43	
asc. node	-3475 Feb 24 j 00:02	16°♒25'49	
	-3475 Mar 02 j 20:01	0°♓	
evening max el	-3475 Mar 16 j 16:22	19°♓44'51	21°39'31
retrograde	-3475 Mar 28 j 21:48	25°♓39'04	
evening set	-3475 Mar 31 j 12:44	25°♓23'36	
desc. node	-3475 Apr 07 j 02:45	22°♓51'58	
inferior conj	-3475 Apr 09 j 20:30	21°♓21'35	0°-45'-41
minimum elong	-3475 Apr 09 j 18:22	21°♓24'35	0°44'59
min. Earth dist.	-3475 Apr 09 j 20:09	21°♓22'05	0.55152 AU
morning rise	-3475 Apr 19 j 00:34	17°♓20'59	
direct	-3475 Apr 21 j 21:36	17°♓02'45	
morning max el	-3475 May 04 j 05:34	22°♓53'59	21°50'44
	-3475 May 10 j 09:50	0°♈	
asc. node	-3475 May 22 j 23:34	21°♈38'29	
morning set	-3475 May 25 j 00:55	25°♈50'59	
	-3475 May 27 j 00:37	0°♉	
superior conj	-3475 Jun 01 j 09:56	11°♉21'02	1°24'15
minimum elong	-3475 Jun 01 j 07:17	11°♉07'07	1°23'59
max. Earth dist.	-3475 Jun 04 j 21:07	18°♉30'27	1.34787 AU
evening rise	-3475 Jun 09 j 14:02	27°♉49'54	
	-3475 Jun 10 j 17:14	0°♊	
	-3475 Jun 28 j 13:48	0°♋	
desc. node	-3475 Jul 04 j 01:41	7°♋40'28	
evening max el	-3475 Jul 14 j 14:35	19°♋54'44	26°57'19
retrograde	-3475 Jul 27 j 18:30	27°♋14'37	
evening set	-3475 Aug 03 j 14:13	24°♋27'49	
min. Earth dist.	-3475 Aug 07 j 11:43	20°♋32'57	0.65396 AU
inferior conj	-3475 Aug 09 j 09:12	18°♋20'51	-2°-55'-34
minimum elong	-3475 Aug 09 j 12:55	18°♋10'01	2°54'19
morning rise	-3475 Aug 15 j 12:50	12°♋40'26	
direct	-3475 Aug 18 j 08:56	11°♋56'09	
asc. node	-3475 Aug 18 j 22:49	11°♋57'59	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3475 Aug 24 j 23:08	15°♋32'34	18°22'27
	-3475 Sep 04 j 09:29	0°♌	
morning set	-3475 Sep 13 j 03:49	14°♌17'25	
	-3475 Sep 22 j 20:20	0°♍	
superior conj	-3475 Sep 28 j 01:38	8°♍18'47	0°12'38
minimum elong	-3475 Sep 28 j 03:15	8°♍25'12	0°12'28
behind sun begin	-3475 Sep 27 j 19:58	7°♍56'22	
behind sun end	-3475 Sep 28 j 10:32	8°♍54'01	
desc. node	-3475 Sep 30 j 01:11	11°♍26'44	
max. Earth dist.	-3475 Sep 30 j 09:20	11°♍58'53	1.44790 AU
	-3475 Oct 11 j 20:45	0°♎	
evening rise	-3475 Oct 14 j 15:15	4°♎20'27	
greatest brilliancy	-3475 Oct 28 j 22:04	26°♎26'43	-0.7m
	-3475 Oct 31 j 08:31	0°♏	
evening max el	-3475 Nov 07 j 05:28	8°♏42'05	19°25'16
retrograde	-3475 Nov 14 j 09:57	12°♏51'20	
asc. node	-3475 Nov 14 j 21:48	12°♏49'56	
evening set	-3475 Nov 17 j 17:16	11°♏47'33	
inferior conj	-3475 Nov 23 j 09:14	5°♏50'48	2°37'44
minimum elong	-3475 Nov 23 j 06:14	6°♏00'25	2°36'44
min. Earth dist.	-3475 Nov 24 j 14:35	4°♏16'19	0.66054 AU
	-3475 Nov 28 j 08:39	30°℞♎	
morning rise	-3475 Nov 28 j 18:26	29°♎37'41	
direct	-3475 Dec 04 j 23:12	26°♎55'51	
	-3475 Dec 12 j 13:27	0°♏	
morning max el	-3475 Dec 17 j 10:30	4°♏16'14	26°01'53
desc. node	-3475 Dec 27 j 00:50	15°♏32'08	
	-3474 Jan 06 j 04:36	0°♐	
morning set	-3474 Jan 22 j 14:40	27°♐39'39	
	-3474 Jan 23 j 20:47	0°♑	
max. Earth dist.	-3474 Jan 26 j 14:58	5°♑15'22	1.35625 AU
superior conj	-3474 Jan 31 j 18:11	15°♑26'18	-1°-29'-22
minimum elong	-3474 Jan 31 j 21:25	15°♑42'43	1°29'07
	-3474 Feb 07 j 20:11	0°♒	
evening rise	-3474 Feb 08 j 15:07	1°♒37'03	
asc. node	-3474 Feb 10 j 21:03	6°♒09'45	
	-3474 Feb 25 j 20:17	0°♓	
evening max el	-3474 Feb 26 j 22:15	1°♓04'50	20°19'29
retrograde	-3474 Mar 09 j 12:37	6°♓07'23	
evening set	-3474 Mar 11 j 19:30	5°♓54'17	
inferior conj	-3474 Mar 20 j 17:30	1°♓55'39	1°10'07
minimum elong	-3474 Mar 20 j 20:30	1°♓51'11	1°09'03
min. Earth dist.	-3474 Mar 22 j 10:16	0°♓55'22	0.55478 AU
	-3474 Mar 24 j 01:08	30°℞♒	
desc. node	-3474 Mar 24 j 23:51	29°♒29'34	
morning rise	-3474 Mar 29 j 19:12	27°♒33'36	
direct	-3474 Apr 02 j 11:13	27°♒04'16	
	-3474 Apr 11 j 08:36	0°♓	
morning max el	-3474 Apr 16 j 00:48	3°♓44'27	23°28'10
	-3474 May 04 j 03:00	0°♈	
morning set	-3474 May 09 j 12:30	10°♈50'32	
asc. node	-3474 May 09 j 20:36	11°♈32'59	
superior conj	-3474 May 16 j 16:07	26°♈07'20	1°05'39
minimum elong	-3474 May 16 j 13:40	25°♈54'10	1°05'18
	-3474 May 18 j 11:48	0°♉	
max. Earth dist.	-3474 May 18 j 21:43	0°♉52'27	1.33701 AU
evening rise	-3474 May 24 j 06:45	11°♉56'08	
	-3474 Jun 02 j 23:43	0°♊	
desc. node	-3474 Jun 20 j 22:43	26°♊27'39	
	-3474 Jun 24 j 00:48	0°♋	
evening max el	-3474 Jun 27 j 01:20	3°♋06'01	27°23'11
retrograde	-3474 Jul 10 j 15:31	10°♋29'44	
evening set	-3474 Jul 17 j 18:32	7°♋46'55	
min. Earth dist.	-3474 Jul 21 j 10:09	4°♋27'35	0.63993 AU
inferior conj	-3474 Jul 23 j 21:34	1°♋50'44	-3°-37'-20
minimum elong	-3474 Jul 24 j 01:26	1°♋40'31	3°36'21
	-3474 Jul 25 j 16:34	30°℞♊	
morning rise	-3474 Jul 30 j 10:09	26°♊27'24	
direct	-3474 Aug 02 j 01:24	25°♊52'21	
asc. node	-3474 Aug 05 j 19:55	27°♊03'55	
morning max el	-3474 Aug 08 j 13:53	29°♊18'31	18°00'27
	-3474 Aug 09 j 05:52	0°♋	
morning set	-3474 Aug 25 j 19:51	25°♋47'17	
	-3474 Aug 28 j 06:50	0°♌	
superior conj	-3474 Sep 07 j 17:04	17°♌26'05	0°56'46
minimum elong	-3474 Sep 07 j 22:33	17°♌48'27	0°56'12
max. Earth dist.	-3474 Sep 13 j 02:00	26°♌06'15	1.44116 AU
	-3474 Sep 15 j 12:51	0°♍	
desc. node	-3474 Sep 16 j 22:07	2°♍11'17	
evening rise	-3474 Sep 24 j 00:01	13°♍13'21	
	-3474 Oct 05 j 00:22	0°♎	
greatest brilliancy	-3474 Oct 14 j 22:25	14°♎17'58	-0.6m
evening max el	-3474 Oct 21 j 09:06	22°♎08'06	20°23'30
retrograde	-3474 Oct 29 j 07:17	26°♎48'12	
evening set	-3474 Nov 01 j 23:45	25°♎29'32	
asc. node	-3474 Nov 01 j 18:53	25°♎38'00	
inferior conj	-3474 Nov 07 j 11:39	19°♎21'26	1°52'04
minimum elong	-3474 Nov 07 j 09:17	19°♎29'23	1°51'09
min. Earth dist.	-3474 Nov 08 j 04:47	18°♎23'38	0.66837 AU
morning rise	-3474 Nov 12 j 18:17	13°♎04'52	
direct	-3474 Nov 18 j 08:11	10°♎39'34	
morning max el	-3474 Nov 29 j 19:11	17°♎29'12	24°43'07
	-3474 Dec 10 j 06:58	0°♏	
desc. node	-3474 Dec 13 j 21:49	4°♏57'21	
	-3474 Dec 30 j 05:16	0°♐	
morning set	-3473 Jan 04 j 19:26	9°♐34'28	
max. Earth dist.	-3473 Jan 08 j 13:53	16°♐20'26	1.37439 AU
superior conj	-3473 Jan 15 j 04:26	28°♐49'11	-1°-45'-52
minimum elong	-3473 Jan 15 j 07:12	29°♐02'37	1°45'49
	-3473 Jan 15 j 18:58	0°♑	
evening rise	-3473 Jan 23 j 16:40	15°♑43'13	
asc. node	-3473 Jan 28 j 18:05	25°♑32'56	
	-3473 Jan 31 j 05:08	0°♒	
evening max el	-3473 Feb 09 j 14:47	13°♒00'45	19°17'09
retrograde	-3473 Feb 18 j 14:13	17°♒17'30	
evening set	-3473 Feb 20 j 21:57	17°♒01'34	
inferior conj	-3473 Mar 01 j 03:37	12°♒51'57	2°42'54
minimum elong	-3473 Mar 01 j 08:33	12°♒43'40	2°41'33
min. Earth dist.	-3473 Mar 04 j 01:24	10°♒55'36	0.56662 AU
morning rise	-3473 Mar 09 j 15:19	7°♒59'20	
desc. node	-3473 Mar 11 j 20:58	7°♒20'54	
direct	-3473 Mar 14 j 11:56	7°♒04'46	
morning max el	-3473 Mar 28 j 15:48	14°♒19'01	25°05'53
	-3473 Apr 10 j 00:34	0°♓	
morning set	-3473 Apr 24 j 00:42	25°♓52'39	
	-3473 Apr 25 j 23:19	0°♈	
asc. node	-3473 Apr 26 j 17:36	1°♈38'13	
superior conj	-3473 May 01 j 01:55	11°♈04'30	0°44'02
minimum elong	-3473 May 01 j 00:05	10°♈54'35	0°43'42
max. Earth dist.	-3473 May 02 j 05:52	13°♈36'11	1.32977 AU
evening rise	-3473 May 08 j 07:56	26°♈28'10	
	-3473 May 10 j 01:51	0°♉	
	-3473 May 27 j 10:22	0°♊	
desc. node	-3473 Jun 07 j 19:47	14°♊16'01	
evening max el	-3473 Jun 09 j 09:26	15°♊49'27	27°18'35
retrograde	-3473 Jun 23 j 06:24	23°♊12'17	
evening set	-3473 Jun 30 j 08:37	20°♊47'37	
min. Earth dist.	-3473 Jul 03 j 22:49	17°♊54'52	0.62233 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3473 Jul 06 j 23:06	15°♊05'02	-4°-8'-26
minimum elong	-3473 Jul 07 j 02:00	14°♊58'11	4°07'56
morning rise	-3473 Jul 13 j 21:56	10°♊01'28	
direct	-3473 Jul 16 j 10:26	9°♊33'09	
morning max el	-3473 Jul 23 j 04:30	12°♊58'07	17°56'42
asc. node	-3473 Jul 23 j 17:00	13°♊29'41	
	-3473 Aug 03 j 17:44	0°♋	
morning set	-3473 Aug 08 j 09:26	8°♋19'22	
superior conj	-3473 Aug 19 j 11:30	27°♋53'59	1°27'38
minimum elong	-3473 Aug 19 j 16:29	28°♋15'17	1°27'19
	-3473 Aug 20 j 17:04	0°♌	
max. Earth dist.	-3473 Aug 26 j 14:21	9°♌48'22	1.42825 AU
evening rise	-3473 Sep 03 j 05:30	22°♌00'34	
desc. node	-3473 Sep 03 j 19:04	22°♌53'36	
	-3473 Sep 08 j 09:32	0°♍	
	-3473 Sep 29 j 10:10	0°♎	
greatest brilliancy	-3473 Sep 29 j 06:30	29°♍48'30	-0.4m
evening max el	-3473 Oct 04 j 06:45	5°♎34'02	21°33'56
retrograde	-3473 Oct 13 j 03:48	10°♎50'17	
evening set	-3473 Oct 17 j 07:41	9°♎14'15	
asc. node	-3473 Oct 19 j 15:59	6°♎56'29	
inferior conj	-3473 Oct 22 j 17:07	2°♎58'22	1°01'57
minimum elong	-3473 Oct 22 j 15:43	3°♎03'11	1°01'22
min. Earth dist.	-3473 Oct 22 j 23:20	2°♎36'57	0.67299 AU
	-3473 Oct 24 j 22:09	30°℞♍	
morning rise	-3473 Oct 27 j 23:27	26°♍41'16	
direct	-3473 Nov 01 j 22:03	24°♍36'46	
	-3473 Nov 11 j 10:31	0°♎	
morning max el	-3473 Nov 12 j 04:32	0°♎44'40	23°16'48
greatest brilliancy	-3473 Nov 17 j 11:57	6°♎44'05	-0.3m
desc. node	-3473 Nov 30 j 18:48	24°♎50'49	
	-3473 Dec 04 j 05:51	0°♏	
morning set	-3473 Dec 16 j 22:45	20°♏11'14	
max. Earth dist.	-3473 Dec 21 j 09:12	27°♏44'31	1.39498 AU
	-3473 Dec 22 j 16:14	0°♐	
superior conj	-3473 Dec 29 j 00:12	11°♐25'22	-1°-54'-58
minimum elong	-3473 Dec 29 j 01:11	11°♐29'53	1°55'05
evening rise	-3472 Jan 07 j 10:05	29°♐19'51	
	-3472 Jan 07 j 18:26	0°♑	
asc. node	-3472 Jan 15 j 15:06	14°♑28'34	
evening max el	-3472 Jan 23 j 16:32	25°♑29'33	18°34'33
retrograde	-3472 Jan 31 j 09:42	29°♑15'06	
evening set	-3472 Feb 02 j 20:42	28°♑53'32	
inferior conj	-3472 Feb 10 j 09:37	24°♑24'33	3°38'44
minimum elong	-3472 Feb 10 j 12:58	24°♑18'00	3°38'08
min. Earth dist.	-3472 Feb 13 j 18:51	21°♑47'27	0.58439 AU
morning rise	-3472 Feb 18 j 01:35	19°♑05'07	
direct	-3472 Feb 24 j 02:03	17°♑33'37	
desc. node	-3472 Feb 26 j 18:04	17°♑51'21	
morning max el	-3472 Mar 09 j 08:33	25°♑05'31	26°28'53
	-3472 Mar 13 j 21:38	0°♒	
	-3472 Apr 02 j 02:16	0°♓	
morning set	-3472 Apr 07 j 11:52	10°♓51'21	
asc. node	-3472 Apr 12 j 14:36	21°♓49'39	
superior conj	-3472 Apr 14 j 13:26	26°♓05'50	0°20'20
minimum elong	-3472 Apr 14 j 12:33	26°♓00'57	0°20'08
max. Earth dist.	-3472 Apr 14 j 18:27	26°♓33'16	1.32603 AU
	-3472 Apr 16 j 08:17	0°♈	
evening rise	-3472 Apr 21 j 14:46	11°♈16'32	
	-3472 May 01 j 07:46	0°♉	
evening max el	-3472 May 21 j 12:33	27°♉54'17	26°41'06
	-3472 May 23 j 20:48	0°♊	
desc. node	-3472 May 24 j 16:53	0°♊40'32	
retrograde	-3472 Jun 04 j 13:31	5°♊13'19	
evening set	-3472 Jun 11 j 04:08	3°♊20'13	
min. Earth dist.	-3472 Jun 15 j 02:00	0°♊39'26	0.60236 AU
	-3472 Jun 15 j 21:44	30°℞♉	
inferior conj	-3472 Jun 18 j 10:14	27°♉54'44	-4°-22'-23
minimum elong	-3472 Jun 18 j 10:42	27°♉53'45	4°22'18
morning rise	-3472 Jun 25 j 20:34	23°♉12'52	
direct	-3472 Jun 28 j 08:08	22°♉49'31	
morning max el	-3472 Jul 05 j 16:06	26°♉23'18	18°12'10
	-3472 Jul 08 j 20:24	0°♊	
asc. node	-3472 Jul 09 j 14:04	0°♊59'05	
morning set	-3472 Jul 21 j 15:03	21°♊38'53	
	-3472 Jul 26 j 01:50	0°♋	
superior conj	-3472 Jul 31 j 08:12	9°♋40'11	1°44'18
minimum elong	-3472 Jul 31 j 10:39	9°♋51'17	1°44'19
max. Earth dist.	-3472 Aug 07 j 21:27	22°♋52'58	1.41090 AU
	-3472 Aug 12 j 03:56	0°♌	
evening rise	-3472 Aug 13 j 02:53	1°♌33'39	
desc. node	-3472 Aug 20 j 16:04	13°♌29'53	
	-3472 Aug 31 j 20:13	0°♍	
greatest brilliancy	-3472 Sep 10 j 23:06	13°♍25'24	-0.3m
evening max el	-3472 Sep 15 j 22:45	19°♍00'17	22°52'20
retrograde	-3472 Sep 25 j 21:56	24°♍54'45	
evening set	-3472 Sep 30 j 15:16	22°♍59'27	
inferior conj	-3472 Oct 05 j 23:47	16°♍39'18	0°09'10
minimum elong	-3472 Oct 05 j 23:34	16°♍40'03	0°09'06
transit middle	-3472 Oct 05 j 23:34	16°♍40'03	0°09'06
transit begin	-3472 Oct 05 j 21:19	16°♍47'46	
transit end	-3472 Oct 06 j 01:48	16°♍32'19	
asc. node	-3472 Oct 05 j 13:06	17°♍16'05	
min. Earth dist.	-3472 Oct 05 j 19:41	16°♍53'25	0.67460 AU
morning rise	-3472 Oct 11 j 07:48	10°♍24'41	
direct	-3472 Oct 15 j 15:51	8°♍42'01	
morning max el	-3472 Oct 24 j 17:50	14°♍04'57	21°51'56
greatest brilliancy	-3472 Oct 29 j 15:09	19°♍39'17	-0.4m
	-3472 Nov 06 j 08:59	0°♎	
desc. node	-3472 Nov 16 j 15:46	15°♎03'56	
morning set	-3472 Nov 25 j 21:09	29°♎23'52	
	-3472 Nov 26 j 06:12	0°♏	
max. Earth dist.	-3472 Dec 02 j 08:53	9°♏57'59	1.41527 AU
superior conj	-3472 Dec 10 j 00:08	23°♏00'44	-1°-53'-9
minimum elong	-3472 Dec 09 j 21:49	22°♏50'33	1°53'11
	-3472 Dec 13 j 22:27	0°♐	
evening rise	-3472 Dec 20 j 16:06	12°♐19'15	
	-3472 Dec 30 j 16:05	0°♑	
asc. node	-3471 Jan 01 j 12:09	2°♑47'38	
evening max el	-3471 Jan 06 j 00:45	8°♑22'46	18°12'01
retrograde	-3471 Jan 12 j 23:09	11°♑52'59	
evening set	-3471 Jan 15 j 13:05	11°♑24'36	
inferior conj	-3471 Jan 22 j 11:36	6°♑33'23	4°00'29
minimum elong	-3471 Jan 22 j 12:12	6°♑32'01	4°00'19
min. Earth dist.	-3471 Jan 25 j 17:30	3°♑38'32	0.60449 AU
morning rise	-3471 Jan 29 j 08:32	0°♑54'26	
	-3471 Jan 30 j 23:45	30°℞♐	
direct	-3471 Feb 05 j 03:12	28°♐45'29	
	-3471 Feb 10 j 11:56	0°♑	
desc. node	-3471 Feb 12 j 15:09	1°♑07'04	
morning max el	-3471 Feb 19 j 07:05	6°♑26'01	27°23'56
	-3471 Mar 09 j 00:25	0°♒	
morning set	-3471 Mar 22 j 20:13	25°♒40'17	
	-3471 Mar 24 j 21:50	0°♓	
max. Earth dist.	-3471 Mar 29 j 07:44	9°♓30'55	1.32566 AU
superior conj	-3471 Mar 30 j 01:03	11°♓05'29	0°-4'-37
minimum elong	-3471 Mar 30 j 01:15	11°♓06'37	0°04'38
behind sun begin	-3471 Mar 29 j 20:25	10°♓40'11	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

behind sun end	-3471 Mar 30 j 06:05	11°♓33'02	
asc. node	-3471 Mar 30 j 11:37	12°♓03'15	
evening rise	-3471 Apr 06 j 00:58	26°♓13'13	
	-3471 Apr 07 j 20:38	0°♈	
	-3471 Apr 25 j 08:55	0°♉	
evening max el	-3471 May 03 j 09:17	9°♉16'53	25°33'42
desc. node	-3471 May 11 j 14:00	15°♉08'25	
retrograde	-3471 May 17 j 11:00	16°♉29'08	
evening set	-3471 May 23 j 02:01	15°♉14'17	
min. Earth dist.	-3471 May 27 j 21:34	12°♉28'35	0.58218 AU
inferior conj	-3471 May 31 j 03:27	10°♉10'23	-4°-9'-59
minimum elong	-3471 May 31 j 00:18	10°♉16'00	4°09'36
morning rise	-3471 Jun 08 j 02:33	5°♉50'27	
direct	-3471 Jun 10 j 14:10	5°♉30'59	
morning max el	-3471 Jun 18 j 21:51	9°♉25'58	18°47'43
asc. node	-3471 Jun 26 j 11:07	19°♉18'13	
	-3471 Jul 02 j 10:55	0°♊	
morning set	-3471 Jul 05 j 08:16	5°♊34'38	
superior conj	-3471 Jul 14 j 01:47	22°♊30'30	1°48'59
minimum elong	-3471 Jul 14 j 01:47	22°♊30'28	1°49'07
	-3471 Jul 18 j 02:18	0°♋	
max. Earth dist.	-3471 Jul 21 j 00:19	5°♋15'45	1.39142 AU
evening rise	-3471 Jul 25 j 01:43	12°♋20'16	
	-3471 Aug 04 j 23:01	0°♌	
desc. node	-3471 Aug 07 j 13:06	3°♌56'04	
	-3471 Aug 27 j 02:02	0°♍	
evening max el	-3471 Aug 29 j 10:54	2°♍28'53	24°12'48
retrograde	-3471 Sep 09 j 12:37	8°♍59'05	
evening set	-3471 Sep 14 j 20:48	6°♍44'12	
min. Earth dist.	-3471 Sep 19 j 15:26	1°♍12'09	0.67315 AU
inferior conj	-3471 Sep 20 j 05:56	0°♍23'13	0°-44'-35
minimum elong	-3471 Sep 20 j 06:59	0°♍19'40	0°44'05
	-3471 Sep 20 j 12:49	30°℞♌	
asc. node	-3471 Sep 22 j 10:13	27°♌32'21	
morning rise	-3471 Sep 25 j 17:24	24°♌14'07	
direct	-3471 Sep 29 j 12:29	22°♌51'53	
morning max el	-3471 Oct 07 j 13:54	27°♌34'18	20°35'23
	-3471 Oct 09 j 19:12	0°♍	
greatest brilliancy	-3471 Oct 13 j 19:59	5°♍02'50	-0.5m
	-3471 Oct 30 j 22:30	0°♎	
desc. node	-3471 Nov 03 j 12:44	5°♎31'13	
morning set	-3471 Nov 04 j 22:12	7°♎40'48	
max. Earth dist.	-3471 Nov 14 j 16:17	23°♎06'13	1.43233 AU
	-3471 Nov 18 j 21:48	0°♏	
superior conj	-3471 Nov 20 j 22:43	3°♏22'32	-1°-36'-30
minimum elong	-3471 Nov 20 j 16:38	2°♏57'15	1°36'06
evening rise	-3471 Dec 03 j 06:45	24°♏33'43	
	-3471 Dec 06 j 08:58	0°♐	
asc. node	-3471 Dec 19 j 09:13	20°♐19'12	
evening max el	-3471 Dec 20 j 12:30	21°♐32'24	18°09'03
retrograde	-3471 Dec 27 j 02:26	25°♐00'41	
evening set	-3471 Dec 29 j 19:25	24°♐24'35	
inferior conj	-3470 Jan 05 j 06:23	19°♐11'53	3°56'35
minimum elong	-3470 Jan 05 j 04:47	19°♐16'02	3°56'19
min. Earth dist.	-3470 Jan 08 j 00:41	16°♐22'05	0.62398 AU
morning rise	-3470 Jan 11 j 12:09	13°♐18'59	
direct	-3470 Jan 18 j 13:20	10°♐42'20	
desc. node	-3470 Jan 30 j 12:12	16°♐36'02	
morning max el	-3470 Feb 01 j 11:48	18°♐27'28	27°43'27
	-3470 Feb 11 j 06:32	0°♑	
	-3470 Mar 01 j 18:37	0°♒	
morning set	-3470 Mar 06 j 23:33	10°♒10'58	
max. Earth dist.	-3470 Mar 12 j 17:41	22°♒13'38	1.32884 AU
superior conj	-3470 Mar 14 j 11:00	25°♒56'25	0°-29'-56
minimum elong	-3470 Mar 14 j 12:21	26°♒03'45	0°29'45
	-3470 Mar 16 j 07:54	0°♓	
asc. node	-3470 Mar 17 j 08:36	2°♓14'08	
evening rise	-3470 Mar 21 j 12:33	11°♓10'05	
	-3470 Mar 31 j 05:51	0°♈	
evening max el	-3470 Apr 15 j 01:18	20°♈06'25	24°05'55
desc. node	-3470 Apr 28 j 11:07	27°♈02'16	
retrograde	-3470 Apr 28 j 20:56	27°♈02'39	
evening set	-3470 May 03 j 03:57	26°♈21'36	
min. Earth dist.	-3470 May 09 j 12:49	23°♈16'23	0.56486 AU
inferior conj	-3470 May 12 j 00:29	21°♈43'42	-3°-20'-47
minimum elong	-3470 May 11 j 18:33	21°♈52'59	3°19'24
morning rise	-3470 May 20 j 13:06	17°♈41'26	
direct	-3470 May 23 j 01:05	17°♈24'58	
morning max el	-3470 Jun 01 j 18:59	21°♈56'03	19°43'47
	-3470 Jun 08 j 09:22	0°♉	
asc. node	-3470 Jun 13 j 08:09	8°♉14'38	
morning set	-3470 Jun 19 j 09:39	19°♉56'44	
	-3470 Jun 24 j 09:01	0°♊	
superior conj	-3470 Jun 27 j 10:38	6°♊08'12	1°44'30
minimum elong	-3470 Jun 27 j 08:56	5°♊59'51	1°44'31
max. Earth dist.	-3470 Jul 03 j 03:06	17°♊07'10	1.37235 AU
evening rise	-3470 Jul 07 j 01:17	24°♊19'45	
	-3470 Jul 10 j 06:24	0°♋	
desc. node	-3470 Jul 25 j 10:09	24°♋06'10	
	-3470 Jul 29 j 14:24	0°♌	
evening max el	-3470 Aug 11 j 21:36	16°♌00'08	25°28'16
retrograde	-3470 Aug 23 j 23:13	22°♌58'31	
evening set	-3470 Aug 29 j 22:25	20°♌26'21	
min. Earth dist.	-3470 Sep 03 j 08:13	15°♌30'53	0.66843 AU
inferior conj	-3470 Sep 04 j 09:48	14°♌07'59	-1°-37'-43
minimum elong	-3470 Sep 04 j 12:05	14°♌00'34	1°36'44
asc. node	-3470 Sep 09 j 07:19	8°♌41'38	
morning rise	-3470 Sep 10 j 02:20	8°♌07'29	
direct	-3470 Sep 13 j 10:35	7°♌02'44	
morning max el	-3470 Sep 20 j 17:21	11°♌12'57	19°31'32
greatest brilliancy	-3470 Sep 29 j 17:11	22°♌47'51	-0.7m
	-3470 Oct 04 j 13:03	0°♍	
morning set	-3470 Oct 14 j 23:16	16°♍05'39	
desc. node	-3470 Oct 21 j 09:44	26°♍08'17	
	-3470 Oct 23 j 20:49	0°♎	
max. Earth dist.	-3470 Oct 28 j 06:03	6°♎55'02	1.44385 AU
superior conj	-3470 Oct 31 j 18:08	12°♎29'39	-1°-2'-52
minimum elong	-3470 Oct 31 j 11:17	12°♎02'15	1°02'07
	-3470 Nov 11 j 12:17	0°♏	
evening rise	-3470 Nov 15 j 01:29	5°♏54'34	
	-3470 Nov 30 j 01:04	0°♐	
evening max el	-3470 Dec 04 j 01:06	4°♐52'37	18°24'54
asc. node	-3470 Dec 06 j 06:18	6°♐50'02	
retrograde	-3470 Dec 10 j 15:04	8°♐29'40	
evening set	-3470 Dec 13 j 12:09	7°♐44'33	
inferior conj	-3470 Dec 19 j 14:09	2°♐12'39	3°34'55
minimum elong	-3470 Dec 19 j 11:20	2°♐20'42	3°34'17
min. Earth dist.	-3470 Dec 21 j 17:52	29°♏45'00	0.64096 AU
	-3470 Dec 21 j 12:31	30°℞♏	
morning rise	-3470 Dec 25 j 09:05	26°♏09'41	
direct	-3469 Jan 01 j 07:16	23°♏19'59	
	-3469 Jan 13 j 17:57	0°♐	
morning max el	-3469 Jan 14 j 20:27	1°♐03'59	27°27'01
desc. node	-3469 Jan 17 j 09:14	3°♐42'51	
	-3469 Feb 05 j 08:13	0°♑	
morning set	-3469 Feb 18 j 19:13	24°♑14'33	
	-3469 Feb 21 j 16:10	0°♒	
max. Earth dist.	-3469 Feb 23 j 20:10	4°♒27'46	1.33599 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3469 Feb 26 j 17:31	10°♒32'47	0°-54'-42
minimum elong	-3469 Feb 26 j 19:54	10°♒45'28	0°54'23
asc. node	-3469 Mar 04 j 05:37	22°♒18'14	
evening rise	-3469 Mar 05 j 23:48	26°♒00'52	
	-3469 Mar 07 j 21:59	0°♓	
	-3469 Mar 26 j 22:36	0°♈	
evening max el	-3469 Mar 27 j 18:17	0°♈48'25	22°31'35
retrograde	-3469 Apr 09 j 18:35	7°♈10'24	
evening set	-3469 Apr 12 j 20:08	6°♈49'46	
desc. node	-3469 Apr 15 j 08:12	6°♈04'39	
min. Earth dist.	-3469 Apr 21 j 02:57	3°♈12'55	0.55385 AU
inferior conj	-3469 Apr 22 j 03:45	2°♈37'33	-1°-50'-56
minimum elong	-3469 Apr 21 j 22:57	2°♈44'24	1°49'25
	-3469 Apr 27 j 03:39	30°℞♓	
morning rise	-3469 May 01 j 03:58	28°♓40'58	
direct	-3469 May 03 j 19:08	28°♓24'58	
	-3469 May 10 j 00:36	0°♈	
morning max el	-3469 May 15 j 05:31	3°♈45'53	20°59'32
asc. node	-3469 May 31 j 05:11	27°♈39'12	
	-3469 Jun 01 j 09:41	0°♉	
morning set	-3469 Jun 03 j 16:35	4°♉38'09	
superior conj	-3469 Jun 11 j 06:16	20°♉20'18	1°33'10
minimum elong	-3469 Jun 11 j 03:45	20°♉07'22	1°33'00
max. Earth dist.	-3469 Jun 15 j 12:08	28°♉54'43	1.35580 AU
	-3469 Jun 16 j 01:22	0°♊	
evening rise	-3469 Jun 19 j 20:47	7°♊20'00	
	-3469 Jul 02 j 22:51	0°♋	
desc. node	-3469 Jul 12 j 07:12	13°♋52'41	
evening max el	-3469 Jul 25 j 08:41	29°♋31'05	26°30'36
	-3469 Jul 25 j 20:44	0°♌	
retrograde	-3469 Aug 07 j 04:57	6°♌46'35	
evening set	-3469 Aug 13 j 17:55	4°♌02'45	
	-3469 Aug 17 j 14:50	30°℞♋	
min. Earth dist.	-3469 Aug 17 j 19:39	29°♋45'36	0.66027 AU
inferior conj	-3469 Aug 19 j 09:28	27°♋50'28	-2°-28'-25
minimum elong	-3469 Aug 19 j 12:47	27°♋40'22	2°27'10
morning rise	-3469 Aug 25 j 08:37	22°♋01'38	
asc. node	-3469 Aug 27 j 04:25	21°♋18'37	
direct	-3469 Aug 28 j 08:23	21°♋10'55	
morning max el	-3469 Sep 04 j 02:51	24°♋57'31	18°42'50
	-3469 Sep 08 j 07:47	0°♌	
morning set	-3469 Sep 24 j 20:58	25°♌33'40	
	-3469 Sep 27 j 15:37	0°♍	
desc. node	-3469 Oct 08 j 06:42	16°♍50'46	
superior conj	-3469 Oct 10 j 19:20	20°♍49'38	0°-16'-3
minimum elong	-3469 Oct 10 j 17:13	20°♍41'17	0°15'45
behind sun begin	-3469 Oct 10 j 14:11	20°♍29'19	
behind sun end	-3469 Oct 10 j 20:15	20°♍53'14	
max. Earth dist.	-3469 Oct 10 j 23:14	21°♍05'01	1.44853 AU
	-3469 Oct 16 j 15:02	0°♎	
evening rise	-3469 Oct 26 j 20:06	16°♎12'43	
	-3469 Nov 04 j 11:27	0°♏	
evening max el	-3469 Nov 17 j 11:57	18°♏17'52	18°58'32
asc. node	-3469 Nov 23 j 03:22	22°♏04'10	
retrograde	-3469 Nov 24 j 09:13	22°♏12'51	
evening set	-3469 Nov 27 j 12:13	21°♏16'39	
inferior conj	-3469 Dec 03 j 07:19	15°♏28'17	3°01'07
minimum elong	-3469 Dec 03 j 04:12	15°♏37'58	3°00'11
min. Earth dist.	-3469 Dec 04 j 20:32	13°♏32'52	0.65451 AU
morning rise	-3469 Dec 08 j 19:11	9°♏18'13	
direct	-3469 Dec 15 j 07:38	6°♏29'55	
morning max el	-3469 Dec 28 j 06:01	14°♏02'31	26°39'42
desc. node	-3468 Jan 04 j 06:16	21°♏58'33	
	-3468 Jan 10 j 07:24	0°♐	
	-3468 Jan 29 j 00:27	0°♑	

morning set	-3468 Feb 02 j 03:41	7°♑39'19	
max. Earth dist.	-3468 Feb 06 j 11:45	16°♑05'37	1.34757 AU
superior conj	-3468 Feb 10 j 18:27	24°♑47'23	-1°-17'-39
minimum elong	-3468 Feb 10 j 21:33	25°♑03'22	1°17'19
	-3468 Feb 13 j 06:32	0°♒	
evening rise	-3468 Feb 18 j 08:53	10°♒39'13	
asc. node	-3468 Feb 19 j 02:38	12°♒10'39	
	-3468 Feb 28 j 15:25	0°♓	
evening max el	-3468 Mar 08 j 18:26	11°♓49'31	21°03'39
retrograde	-3468 Mar 20 j 08:04	17°♓21'29	
evening set	-3468 Mar 22 j 17:50	17°♓08'01	
inferior conj	-3468 Mar 31 j 22:50	13°♓10'01	0°04'29
minimum elong	-3468 Mar 31 j 23:02	13°♓09'43	0°04'23
transit middle	-3468 Mar 31 j 23:02	13°♓09'43	0°04'23
transit begin	-3468 Mar 31 j 19:06	13°♓15'18	
transit end	-3468 Apr 01 j 02:58	13°♓04'08	
desc. node	-3468 Apr 01 j 05:16	13°♓00'52	
min. Earth dist.	-3468 Apr 01 j 17:02	12°♓44'10	0.55170 AU
morning rise	-3468 Apr 10 j 03:20	9°♓01'49	
direct	-3468 Apr 13 j 06:59	8°♓40'09	
morning max el	-3468 Apr 26 j 05:22	14°♓54'16	22°31'19
	-3468 May 07 j 19:14	0°♈	
asc. node	-3468 May 17 j 02:12	17°♈24'32	
morning set	-3468 May 18 j 03:00	19°♈32'49	
	-3468 May 23 j 01:31	0°♉	
superior conj	-3468 May 25 j 09:21	4°♉56'32	1°16'48
minimum elong	-3468 May 25 j 06:43	4°♉42'34	1°16'30
max. Earth dist.	-3468 May 28 j 07:10	11°♉02'12	1.34277 AU
evening rise	-3468 Jun 02 j 07:02	21°♉06'19	
	-3468 Jun 06 j 23:36	0°♊	
	-3468 Jun 25 j 19:37	0°♋	
desc. node	-3468 Jun 28 j 04:13	3°♋05'50	
evening max el	-3468 Jul 06 j 20:15	12°♋54'20	27°11'52
retrograde	-3468 Jul 20 j 05:19	20°♋16'32	
evening set	-3468 Jul 27 j 04:43	17°♋30'13	
min. Earth dist.	-3468 Jul 30 j 23:29	13°♋50'48	0.64843 AU
inferior conj	-3468 Aug 02 j 02:45	11°♋27'19	-3°-14'-18
minimum elong	-3468 Aug 02 j 06:38	11°♋16'26	3°13'07
morning rise	-3468 Aug 08 j 10:00	5°♋53'30	
direct	-3468 Aug 11 j 03:45	5°♋13'27	
asc. node	-3468 Aug 13 j 01:30	5°♋32'47	
morning max el	-3468 Aug 17 j 16:24	8°♋44'42	18°10'50
	-3468 Sep 01 j 02:50	0°♌	
morning set	-3468 Sep 04 j 22:22	6°♌22'33	
superior conj	-3468 Sep 18 j 23:36	29°♌23'11	0°32'39
minimum elong	-3468 Sep 19 j 03:26	29°♌38'31	0°32'13
	-3468 Sep 19 j 08:49	0°♍	
max. Earth dist.	-3468 Sep 22 j 17:19	5°♍20'08	1.44594 AU
desc. node	-3468 Sep 24 j 03:40	7°♍35'52	
evening rise	-3468 Oct 05 j 14:56	25°♍31'13	
	-3468 Oct 08 j 12:19	0°♎	
greatest brilliancy	-3468 Oct 23 j 00:10	21°♎53'40	-0.6m
	-3468 Oct 29 j 04:31	0°♏	
evening max el	-3468 Oct 30 j 18:52	1°♏45'06	19°48'20
retrograde	-3468 Nov 07 j 06:02	6°♏06'09	
asc. node	-3468 Nov 09 j 00:27	5°♏48'04	
evening set	-3468 Nov 10 j 17:01	4°♏56'21	
	-3468 Nov 15 j 11:03	30°℞♎	
inferior conj	-3468 Nov 16 j 07:04	28°♎54'35	2°19'01
minimum elong	-3468 Nov 16 j 04:18	29°♎03'43	2°18'00
min. Earth dist.	-3468 Nov 17 j 07:05	27°♎35'36	0.66441 AU
morning rise	-3468 Nov 21 j 14:54	22°♎39'52	
direct	-3468 Nov 27 j 13:40	20°♎04'08	
morning max el	-3468 Dec 09 j 14:58	27°♎12'21	25°29'44

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3468 Dec 12 j 06:14	0°♏	
desc. node	-3468 Dec 21 j 03:18	11°♏02'58	
	-3467 Jan 02 j 23:13	0°♐	
morning set	-3467 Jan 14 j 20:12	20°♐11'32	
max. Earth dist.	-3467 Jan 18 j 15:56	27°♐16'12	1.36361 AU
	-3467 Jan 20 j 02:22	0°♑	
superior conj	-3467 Jan 24 j 11:05	8°♑32'18	-1°-37'-6
minimum elong	-3467 Jan 24 j 14:15	8°♑48'05	1°36'56
evening rise	-3467 Feb 01 j 13:50	24°♑59'18	
	-3467 Feb 04 j 01:56	0°♒	
asc. node	-3467 Feb 04 j 23:39	1°♒46'23	
evening max el	-3467 Feb 19 j 04:56	23°♒24'35	19°50'34
retrograde	-3467 Mar 01 j 01:38	28°♒05'43	
evening set	-3467 Mar 03 j 08:33	27°♒51'44	
inferior conj	-3467 Mar 11 j 23:56	23°♒49'59	1°53'41
minimum elong	-3467 Mar 12 j 04:18	23°♒43'13	1°52'17
min. Earth dist.	-3467 Mar 14 j 07:11	22°♒24'42	0.55891 AU
desc. node	-3467 Mar 19 j 02:22	19°♒53'38	
morning rise	-3467 Mar 20 j 20:54	19°♒15'32	
direct	-3467 Mar 25 j 00:46	18°♒37'09	
morning max el	-3467 Apr 07 j 21:46	25°♒33'31	24°10'42
	-3467 Apr 12 j 01:20	0°♓	
	-3467 Apr 30 j 10:01	0°♈	
morning set	-3467 May 02 j 15:02	4°♈34'01	
asc. node	-3467 May 03 j 23:12	7°♈23'59	
superior conj	-3467 May 09 j 17:16	19°♈47'55	0°56'47
minimum elong	-3467 May 09 j 15:02	19°♈35'52	0°56'25
max. Earth dist.	-3467 May 11 j 11:32	23°♈35'03	1.33346 AU
	-3467 May 14 j 12:24	0°♉	
evening rise	-3467 May 17 j 03:43	5°♉24'44	
	-3467 May 30 j 15:01	0°♊	
desc. node	-3467 Jun 15 j 01:16	21°♊30'42	
evening max el	-3467 Jun 19 j 06:23	25°♊56'08	27°25'20
	-3467 Jun 24 j 03:31	0°♋	
retrograde	-3467 Jul 02 j 23:32	3°♋18'59	
evening set	-3467 Jul 10 j 03:27	0°♋42'20	
	-3467 Jul 11 j 01:35	30°℞♊	
min. Earth dist.	-3467 Jul 13 j 17:49	27°♊35'43	0.63284 AU
inferior conj	-3467 Jul 16 j 10:55	24°♊51'53	-3°-52'-8
minimum elong	-3467 Jul 16 j 14:32	24°♊42'44	3°51'21
morning rise	-3467 Jul 23 j 03:40	19°♊36'25	
direct	-3467 Jul 25 j 17:37	19°♊04'21	
asc. node	-3467 Jul 30 j 22:35	21°♊14'40	
morning max el	-3467 Aug 01 j 07:23	22°♊28'40	17°56'35
	-3467 Aug 07 j 03:38	0°♋	
morning set	-3467 Aug 18 j 00:20	18°♋21'29	
	-3467 Aug 24 j 17:15	0°♌	
superior conj	-3467 Aug 30 j 01:59	9°♌03'19	1°11'39
minimum elong	-3467 Aug 30 j 07:41	9°♌27'00	1°11'08
max. Earth dist.	-3467 Sep 05 j 09:03	19°♌21'19	1.43643 AU
desc. node	-3467 Sep 11 j 00:38	28°♌20'08	
	-3467 Sep 12 j 02:07	0°♍	
evening rise	-3467 Sep 14 j 19:55	4°♍15'56	
	-3467 Oct 02 j 00:02	0°♎	
greatest brilliancy	-3467 Oct 08 j 03:05	8°♎26'08	-0.5m
evening max el	-3467 Oct 13 j 20:05	15°♎11'39	20°52'08
retrograde	-3467 Oct 22 j 03:13	20°♎06'08	
evening set	-3467 Oct 26 j 00:24	18°♎40'09	
asc. node	-3467 Oct 26 j 21:33	17°♎56'32	
inferior conj	-3467 Oct 31 j 11:03	12°♎28'18	1°31'15
minimum elong	-3467 Oct 31 j 09:04	12°♎35'04	1°30'25
min. Earth dist.	-3467 Oct 31 j 23:21	11°♎46'21	0.67080 AU
morning rise	-3467 Nov 05 j 17:20	6°♎11'25	
direct	-3467 Nov 11 j 00:42	3°♎54'51	
morning max el	-3467 Nov 21 j 23:42	10°♎26'55	24°06'44
	-3467 Dec 07 j 12:38	0°♏	
desc. node	-3467 Dec 08 j 00:19	0°♏41'45	
	-3467 Dec 26 j 16:42	0°♐	
morning set	-3467 Dec 27 j 14:55	1°♐35'15	
max. Earth dist.	-3467 Dec 31 j 12:50	8°♐27'25	1.38306 AU
superior conj	-3466 Jan 07 j 15:48	21°♐37'28	-1°-50'-50
minimum elong	-3466 Jan 07 j 17:59	21°♐47'55	1°50'52
	-3466 Jan 11 j 23:40	0°♑	
evening rise	-3466 Jan 16 j 12:20	8°♑54'38	
asc. node	-3466 Jan 22 j 20:40	20°♑59'22	
	-3466 Jan 28 j 09:34	0°♒	
evening max el	-3466 Feb 02 j 01:40	5°♒35'40	18°56'29
retrograde	-3466 Feb 10 j 10:52	9°♒37'28	
evening set	-3466 Feb 12 j 19:59	9°♒19'19	
inferior conj	-3466 Feb 20 j 18:15	5°♒01'40	3°11'14
minimum elong	-3466 Feb 20 j 22:49	4°♒53'29	3°10'10
min. Earth dist.	-3466 Feb 23 j 22:49	2°♒45'49	0.57366 AU
morning rise	-3466 Feb 28 j 21:51	29°♑56'55	
	-3466 Feb 28 j 18:56	30°℞♑	
desc. node	-3466 Mar 05 j 23:28	28°♑48'06	
direct	-3466 Mar 06 j 06:55	28°♑47'52	
	-3466 Mar 11 j 19:48	0°♒	
morning max el	-3466 Mar 20 j 12:58	6°♒10'37	25°44'02
	-3466 Apr 06 j 23:06	0°♓	
morning set	-3466 Apr 17 j 03:01	19°♓36'02	
asc. node	-3466 Apr 20 j 20:13	27°♓32'47	
	-3466 Apr 21 j 23:17	0°♈	
superior conj	-3466 Apr 24 j 04:01	4°♈47'51	0°34'10
minimum elong	-3466 Apr 24 j 02:34	4°♈39'54	0°33'53
max. Earth dist.	-3466 Apr 24 j 22:12	6°♈27'00	1.32775 AU
evening rise	-3466 May 01 j 07:38	20°♈04'57	
	-3466 May 06 j 07:10	0°♉	
	-3466 May 25 j 00:59	0°♊	
evening max el	-3466 Jun 01 j 12:30	8°♊23'39	27°06'34
desc. node	-3466 Jun 01 j 22:20	8°♊46'53	
retrograde	-3466 Jun 15 j 11:06	15°♊44'59	
evening set	-3466 Jun 22 j 10:07	13°♊32'02	
min. Earth dist.	-3466 Jun 26 j 02:03	10°♊46'47	0.61406 AU
inferior conj	-3466 Jun 29 j 06:44	7°♊56'32	-4°-16'-56
minimum elong	-3466 Jun 29 j 08:48	7°♊51'55	4°16'39
morning rise	-3466 Jul 06 j 10:19	3°♊02'17	
direct	-3466 Jul 08 j 22:23	2°♊36'11	
morning max el	-3466 Jul 15 j 21:05	6°♊03'08	18°00'58
asc. node	-3466 Jul 17 j 19:39	8°♊09'17	
	-3466 Jul 31 j 04:55	0°♋	
morning set	-3466 Jul 31 j 21:18	1°♋15'09	
superior conj	-3466 Aug 11 j 08:07	20°♋06'11	1°36'20
minimum elong	-3466 Aug 11 j 12:07	20°♋23'41	1°36'11
	-3466 Aug 17 j 02:45	0°♌	
max. Earth dist.	-3466 Aug 18 j 19:25	2°♌49'33	1.42128 AU
evening rise	-3466 Aug 25 j 06:08	13°♌16'54	
desc. node	-3466 Aug 28 j 21:37	19°♌00'25	
	-3466 Sep 05 j 03:03	0°♍	
greatest brilliancy	-3466 Sep 21 j 20:49	23°♍13'58	-0.3m
evening max el	-3466 Sep 26 j 15:05	28°♍37'14	22°06'32
	-3466 Sep 28 j 01:12	0°♎	
retrograde	-3466 Oct 05 j 23:00	4°♎10'02	
evening set	-3466 Oct 10 j 08:26	2°♎25'46	
	-3466 Oct 12 j 18:30	30°℞♍	
asc. node	-3466 Oct 13 j 18:40	28°♍44'54	
inferior conj	-3466 Oct 15 j 17:16	26°♍07'21	0°39'47
minimum elong	-3466 Oct 15 j 16:21	26°♍10'31	0°39'24
min. Earth dist.	-3466 Oct 15 j 18:58	26°♍01'28	0.67404 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3466 Oct 21 j 00:05	19°♍50'59	
direct	-3466 Oct 25 j 16:14	17°♍56'07	
morning max el	-3466 Nov 04 j 10:32	23°♍44'58	22°40'04
greatest brilliancy	-3466 Nov 09 j 03:44	29°♍03'07	-0.3m
	-3466 Nov 09 j 22:15	0°♎	
desc. node	-3466 Nov 24 j 21:18	20°♎44'34	
	-3466 Nov 30 j 23:18	0°♏	
morning set	-3466 Dec 08 j 06:01	11°♏36'14	
max. Earth dist.	-3466 Dec 13 j 09:31	20°♏11'27	1.40382 AU
	-3466 Dec 19 j 00:43	0°♐	
superior conj	-3466 Dec 21 j 03:50	3°♐49'30	-1°-55'-46
minimum elong	-3466 Dec 21 j 03:35	3°♐48'21	1°55'54
evening rise	-3466 Dec 31 j 01:24	22°♐16'55	
	-3465 Jan 04 j 04:12	0°♑	
asc. node	-3465 Jan 09 j 17:44	9°♑41'04	
evening max el	-3465 Jan 16 j 06:28	18°♑15'49	18°22'28
retrograde	-3465 Jan 23 j 14:33	21°♑53'27	
evening set	-3465 Jan 26 j 02:38	21°♑29'15	
inferior conj	-3465 Feb 02 j 09:06	16°♑50'53	3°51'39
minimum elong	-3465 Feb 02 j 11:17	16°♑46'19	3°51'18
min. Earth dist.	-3465 Feb 05 j 18:19	14°♑03'05	0.59281 AU
morning rise	-3465 Feb 09 j 16:33	11°♑21'55	
direct	-3465 Feb 16 j 01:56	9°♑33'54	
desc. node	-3465 Feb 20 j 20:34	10°♑31'20	
morning max el	-3465 Mar 02 j 08:12	17°♑10'54	26°56'21
	-3465 Mar 12 j 23:02	0°♒	
	-3465 Mar 30 j 08:17	0°♓	
morning set	-3465 Apr 01 j 13:13	4°♓31'33	
asc. node	-3465 Apr 07 j 17:13	17°♓45'42	
superior conj	-3465 Apr 08 j 15:47	19°♓49'12	0°09'51
minimum elong	-3465 Apr 08 j 15:20	19°♓46'47	0°09'44
behind sun begin	-3465 Apr 08 j 11:23	19°♓25'06	
behind sun end	-3465 Apr 08 j 19:18	20°♓08'29	
max. Earth dist.	-3465 Apr 08 j 11:27	19°♓25'31	1.32543 AU
	-3465 Apr 13 j 08:02	0°♈	
evening rise	-3465 Apr 15 j 16:07	4°♈57'26	
	-3465 Apr 29 j 01:50	0°♉	
evening max el	-3465 May 14 j 12:39	20°♉09'06	26°15'35
desc. node	-3465 May 19 j 19:25	24°♉25'54	
retrograde	-3465 May 28 j 14:41	27°♉26'49	
evening set	-3465 Jun 03 j 20:38	25°♉49'29	
min. Earth dist.	-3465 Jun 08 j 01:34	23°♉08'42	0.59358 AU
inferior conj	-3465 Jun 11 j 10:34	20°♉32'18	-4°-21'-2
minimum elong	-3465 Jun 11 j 09:35	20°♉34'13	4°20'55
morning rise	-3465 Jun 19 j 02:15	16°♉00'17	
direct	-3465 Jun 21 j 13:38	15°♉38'49	
morning max el	-3465 Jun 29 j 06:36	19°♉20'01	18°24'53
asc. node	-3465 Jul 04 j 16:43	26°♉01'18	
	-3465 Jul 07 j 05:07	0°♊	
morning set	-3465 Jul 15 j 08:17	14°♊50'50	
	-3465 Jul 23 j 07:48	0°♋	
superior conj	-3465 Jul 24 j 14:25	2°♋21'45	1°47'35
minimum elong	-3465 Jul 24 j 15:45	2°♋27'56	1°47'41
max. Earth dist.	-3465 Jul 31 j 23:50	15°♋33'58	1.40261 AU
evening rise	-3465 Aug 05 j 13:49	23°♋19'32	
	-3465 Aug 09 j 16:02	0°♌	
desc. node	-3465 Aug 15 j 18:38	9°♌33'03	
	-3465 Aug 30 j 01:22	0°♍	
evening max el	-3465 Sep 09 j 05:03	12°♍04'12	23°26'44
retrograde	-3465 Sep 19 j 15:57	18°♍15'17	
evening set	-3465 Sep 24 j 15:23	16°♍11'39	
inferior conj	-3465 Sep 29 j 23:56	9°♍50'30	0°-13'-35
minimum elong	-3465 Sep 30 j 00:15	9°♍49'24	0°13'25
transit middle	-3465 Sep 30 j 00:15	9°♍49'24	0°13'25
transit begin	-3465 Sep 29 j 22:42	9°♍54'42	
transit end	-3465 Sep 30 j 01:48	9°♍44'06	
min. Earth dist.	-3465 Sep 29 j 15:28	10°♍19'32	0.67427 AU
asc. node	-3465 Sep 30 j 15:47	8°♍56'20	
morning rise	-3465 Oct 05 j 09:11	3°♍37'37	
direct	-3465 Oct 09 j 11:25	2°♍03'59	
morning max el	-3465 Oct 18 j 02:32	7°♍09'29	21°18'04
greatest brilliancy	-3465 Oct 23 j 10:57	13°♍21'52	-0.4m
	-3465 Nov 04 j 09:17	0°♎	
desc. node	-3465 Nov 11 j 18:18	11°♎04'49	
morning set	-3465 Nov 17 j 17:37	20°♎20'17	
	-3465 Nov 23 j 18:49	0°♏	
max. Earth dist.	-3465 Nov 25 j 11:57	2°♏47'44	1.42305 AU
superior conj	-3465 Dec 02 j 17:39	14°♏55'35	-1°-48'-7
minimum elong	-3465 Dec 02 j 13:39	14°♏38'26	1°48'00
	-3465 Dec 11 j 07:16	0°♐	
evening rise	-3465 Dec 14 j 01:29	4°♐58'47	
asc. node	-3465 Dec 27 j 14:48	27°♐41'56	
	-3465 Dec 29 j 11:29	0°♑	
evening max el	-3465 Dec 30 j 16:36	1°♑17'33	18°08'22
retrograde	-3464 Jan 06 j 10:16	4°♑45'18	
evening set	-3464 Jan 09 j 01:23	4°♑13'52	
	-3464 Jan 14 j 23:12	30°℞♐	
inferior conj	-3464 Jan 15 j 18:43	29°♐13'41	4°01'22
minimum elong	-3464 Jan 15 j 18:16	29°♐14'45	4°01'14
min. Earth dist.	-3464 Jan 18 j 20:31	26°♐18'05	0.61306 AU
morning rise	-3464 Jan 22 j 08:40	23°♐28'07	
direct	-3464 Jan 29 j 07:35	21°♐05'22	
desc. node	-3464 Feb 07 j 17:39	24°♐48'13	
morning max el	-3464 Feb 12 j 09:28	28°♐48'59	27°36'33
	-3464 Feb 13 j 13:40	0°♑	
	-3464 Mar 05 j 17:38	0°♒	
morning set	-3464 Mar 15 j 19:41	19°♒13'34	
	-3464 Mar 20 j 22:12	0°♓	
max. Earth dist.	-3464 Mar 21 j 23:34	2°♓17'17	1.32656 AU
superior conj	-3464 Mar 23 j 02:54	4°♓45'58	0°-15'-22
minimum elong	-3464 Mar 23 j 03:36	4°♓49'46	0°15'17
behind sun begin	-3464 Mar 23 j 02:18	4°♓42'45	
behind sun end	-3464 Mar 23 j 04:53	4°♓56'46	
asc. node	-3464 Mar 24 j 14:13	7°♓58'38	
evening rise	-3464 Mar 30 j 03:07	19°♓54'49	
	-3464 Apr 04 j 02:21	0°♈	
	-3464 Apr 24 j 00:33	0°♉	
evening max el	-3464 Apr 25 j 06:57	1°♉15'24	24°58'04
desc. node	-3464 May 05 j 16:31	7°♉52'00	
retrograde	-3464 May 09 j 07:41	8°♉22'40	
evening set	-3464 May 14 j 09:16	7°♉23'45	
min. Earth dist.	-3464 May 19 j 19:11	4°♉30'56	0.57419 AU
inferior conj	-3464 May 22 j 19:15	2°♉30'17	-3°-54'-9
minimum elong	-3464 May 22 j 14:38	2°♉38'05	3°53'22
	-3464 May 26 j 19:22	30°℞♈	
morning rise	-3464 May 31 j 00:04	28°♈18'32	
direct	-3464 Jun 02 j 11:34	28°♈00'35	
	-3464 Jun 08 j 15:36	0°♉	
morning max el	-3464 Jun 11 j 08:56	2°♉09'38	19°09'05
asc. node	-3464 Jun 20 j 13:45	14°♉37'26	
morning set	-3464 Jun 28 j 05:18	28°♉58'18	
	-3464 Jun 28 j 17:46	0°♊	
superior conj	-3464 Jul 06 j 15:02	15°♊33'20	1°48'04
minimum elong	-3464 Jul 06 j 14:12	15°♊29'20	1°48'10
max. Earth dist.	-3464 Jul 13 j 01:36	27°♊39'11	1.38306 AU
	-3464 Jul 14 j 08:46	0°♋	
evening rise	-3464 Jul 16 j 23:35	4°♋38'06	
desc. node	-3464 Aug 01 j 15:39	29°♋52'54	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3464 Aug 01 j 17:34	0°♌	
evening max el	-3464 Aug 21 j 16:21	25°♌34'10	24°46'11
	-3464 Aug 26 j 22:33	0°♍	
retrograde	-3464 Sep 02 j 04:57	2°♍17'37	
evening set	-3464 Sep 07 j 19:26	29°♌55'15	
	-3464 Sep 07 j 17:13	30°℞♌	
min. Earth dist.	-3464 Sep 12 j 10:19	24°♌38'13	0.67148 AU
inferior conj	-3464 Sep 13 j 05:19	23°♌35'00	-1°-7'-18
minimum elong	-3464 Sep 13 j 06:54	23°♌29'42	1°06'35
asc. node	-3464 Sep 16 j 12:53	19°♌28'49	
morning rise	-3464 Sep 18 j 18:42	17°♌28'55	
direct	-3464 Sep 22 j 08:57	16°♌14'21	
morning max el	-3464 Sep 30 j 01:36	20°♌42'08	20°06'29
greatest brilliancy	-3464 Oct 07 j 05:58	29°♌32'03	-0.6m
	-3464 Oct 07 j 14:04	0°♍	
morning set	-3464 Oct 26 j 15:31	28°♍31'20	
	-3464 Oct 27 j 14:24	0°♎	
desc. node	-3464 Oct 28 j 15:17	1°♎36'40	
max. Earth dist.	-3464 Nov 06 j 22:02	16°♎14'15	1.43803 AU
superior conj	-3464 Nov 12 j 04:29	24°♎44'57	-1°-24'-18
minimum elong	-3464 Nov 11 j 21:27	24°♎16'17	1°23'41
	-3464 Nov 15 j 09:06	0°♏	
evening rise	-3464 Nov 25 j 08:09	16°♏51'12	
	-3464 Dec 03 j 00:36	0°♐	
evening max el	-3464 Dec 13 j 05:06	14°♐32'53	18°13'34
asc. node	-3464 Dec 13 j 11:51	14°♐49'41	
retrograde	-3464 Dec 19 j 17:55	18°♐03'15	
evening set	-3464 Dec 22 j 12:34	17°♐23'25	
inferior conj	-3464 Dec 28 j 19:27	12°♐02'21	3°49'08
minimum elong	-3464 Dec 28 j 17:13	12°♐08'23	3°48'44
min. Earth dist.	-3464 Dec 31 j 07:43	9°♐20'22	0.63168 AU
morning rise	-3463 Jan 03 j 20:09	6°♐05'05	
direct	-3463 Jan 10 j 21:17	3°♐20'53	
morning max el	-3463 Jan 24 j 15:56	11°♐05'47	27°40'33
desc. node	-3463 Jan 24 j 14:43	11°♐02'47	
	-3463 Feb 08 j 15:27	0°♑	
	-3463 Feb 26 j 00:55	0°♒	
morning set	-3463 Feb 27 j 20:09	3°♒34'10	
max. Earth dist.	-3463 Mar 05 j 06:46	14°♒49'24	1.33140 AU
superior conj	-3463 Mar 07 j 11:40	19°♒32'05	0°-40'-34
minimum elong	-3463 Mar 07 j 13:29	19°♒41'51	0°40'19
asc. node	-3463 Mar 11 j 11:13	28°♒07'33	
	-3463 Mar 12 j 08:09	0°♓	
evening rise	-3463 Mar 14 j 14:49	4°♓50'31	
	-3463 Mar 28 j 06:55	0°♈	
evening max el	-3463 Apr 06 j 22:50	11°♈59'35	23°25'46
retrograde	-3463 Apr 20 j 11:55	18°♈42'47	
desc. node	-3463 Apr 22 j 13:37	18°♈33'16	
evening set	-3463 Apr 24 j 05:20	18°♈12'23	
min. Earth dist.	-3463 May 01 j 09:44	14°♈55'27	0.55925 AU
inferior conj	-3463 May 03 j 08:09	13°♈46'34	-2°-47'-17
minimum elong	-3463 May 03 j 02:04	13°♈55'37	2°45'38
morning rise	-3463 May 12 j 02:08	9°♈48'20	
direct	-3463 May 14 j 15:04	9°♈32'22	
morning max el	-3463 May 25 j 01:39	14°♈23'26	20°13'41
	-3463 Jun 05 j 09:03	0°♉	
asc. node	-3463 Jun 07 j 10:47	3°♉47'21	
morning set	-3463 Jun 12 j 09:22	13°♉30'06	
superior conj	-3463 Jun 20 j 04:57	29°♉27'20	1°40'24
minimum elong	-3463 Jun 20 j 02:49	29°♉16'34	1°40'21
	-3463 Jun 20 j 11:26	0°♊	
max. Earth dist.	-3463 Jun 25 j 06:47	9°♊27'34	1.36495 AU
evening rise	-3463 Jun 29 j 08:21	17°♊05'44	
	-3463 Jul 06 j 16:44	0°♋	

desc. node	-3463 Jul 19 j 12:39	19°♋54'01	
	-3463 Jul 27 j 01:18	0°♌	
evening max el	-3463 Aug 04 j 03:18	9°♌06'39	25°56'55
retrograde	-3463 Aug 16 j 13:18	16°♌12'48	
evening set	-3463 Aug 22 j 18:41	13°♌34'58	
min. Earth dist.	-3463 Aug 27 j 01:03	8°♌55'42	0.66544 AU
inferior conj	-3463 Aug 28 j 07:37	7°♌19'02	-1°-59'-39
minimum elong	-3463 Aug 28 j 10:23	7°♌10'18	1°58'31
morning rise	-3463 Sep 03 j 02:47	1°♌23'05	
asc. node	-3463 Sep 03 j 09:59	1°♌12'36	
direct	-3463 Sep 06 j 07:14	0°♌24'33	
morning max el	-3463 Sep 13 j 07:46	4°♌23'15	19°08'52
	-3463 Oct 01 j 07:48	0°♍	
morning set	-3463 Oct 05 j 23:31	7°♍18'15	
desc. node	-3463 Oct 15 j 12:14	22°♍16'13	
	-3463 Oct 20 j 10:03	0°♎	
max. Earth dist.	-3463 Oct 20 j 14:06	0°♎15'57	1.44677 AU
superior conj	-3463 Oct 22 j 14:04	3°♎25'36	0°-44'-5
minimum elong	-3463 Oct 22 j 08:38	3°♎04'04	0°43'25
evening rise	-3463 Nov 06 j 16:56	27°♎45'50	
	-3463 Nov 08 j 01:41	0°♏	
evening max el	-3463 Nov 26 j 17:16	27°♏55'47	18°37'07
	-3463 Nov 29 j 01:21	0°♐	
asc. node	-3463 Nov 30 j 08:56	0°♐49'58	
retrograde	-3463 Dec 03 j 09:19	1°♐39'13	
evening set	-3463 Dec 06 j 08:48	0°♐49'29	
	-3463 Dec 07 j 14:54	30°℞♏	
inferior conj	-3463 Dec 12 j 07:35	25°♏09'59	3°21'48
minimum elong	-3463 Dec 12 j 04:32	25°♏19'01	3°21'01
min. Earth dist.	-3463 Dec 14 j 04:54	22°♏55'34	0.64718 AU
morning rise	-3463 Dec 17 j 23:07	19°♏03'50	
direct	-3463 Dec 24 j 17:46	16°♏13'28	
morning max el	-3462 Jan 07 j 01:17	23°♏53'14	27°10'19
desc. node	-3462 Jan 11 j 11:46	28°♏41'51	
	-3462 Jan 12 j 14:08	0°♐	
	-3462 Feb 01 j 23:12	0°♑	
morning set	-3462 Feb 11 j 11:33	17°♑22'50	
max. Earth dist.	-3462 Feb 16 j 05:14	26°♑50'00	1.34041 AU
	-3462 Feb 17 j 18:07	0°♒	
superior conj	-3462 Feb 19 j 16:06	4°♒00'17	-1°-4'-44
minimum elong	-3462 Feb 19 j 18:51	4°♒14'42	1°04'24
asc. node	-3462 Feb 26 j 08:13	18°♒07'30	
evening rise	-3462 Feb 27 j 01:23	19°♒37'17	
	-3462 Mar 04 j 05:17	0°♓	
evening max el	-3462 Mar 19 j 18:10	22°♓46'52	21°52'41
retrograde	-3462 Apr 01 j 04:56	28°♓48'52	
evening set	-3462 Apr 03 j 22:08	28°♓32'23	
desc. node	-3462 Apr 09 j 10:42	26°♓31'56	
inferior conj	-3462 Apr 13 j 06:19	24°♓28'06	-1°-3'-24
minimum elong	-3462 Apr 13 j 03:24	24°♓32'13	1°02'25
min. Earth dist.	-3462 Apr 12 j 23:24	24°♓37'50	0.55182 AU
morning rise	-3462 Apr 22 j 09:43	20°♓29'19	
direct	-3462 Apr 25 j 04:50	20°♓11'55	
morning max el	-3462 May 07 j 07:27	25°♓55'07	21°37'00
	-3462 May 11 j 02:56	0°♈	
asc. node	-3462 May 25 j 07:48	23°♈21'38	
morning set	-3462 May 27 j 18:02	28°♈18'16	
	-3462 May 28 j 13:39	0°♉	
superior conj	-3462 Jun 04 j 04:08	13°♉50'59	1°26'44
minimum elong	-3462 Jun 04 j 01:30	13°♉37'13	1°26'31
max. Earth dist.	-3462 Jun 07 j 20:09	21°♉22'47	1.34983 AU
evening rise	-3462 Jun 12 j 10:43	0°♊27'07	
	-3462 Jun 12 j 05:03	0°♊	
	-3462 Jun 29 j 18:09	0°♋	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3462 Jul 06 j 09:41	9°♋27'41	
evening max el	-3462 Jul 17 j 14:36	22°♋35'02	26°51'04
retrograde	-3462 Jul 30 j 16:40	29°♋54'10	
evening set	-3462 Aug 06 j 10:49	27°♋07'42	
min. Earth dist.	-3462 Aug 10 j 09:21	23°♋07'11	0.65574 AU
inferior conj	-3462 Aug 12 j 04:50	20°♋59'14	-2°-48'-38
minimum elong	-3462 Aug 12 j 08:28	20°♋48'32	2°47'23
morning rise	-3462 Aug 18 j 07:17	15°♋16'40	
direct	-3462 Aug 21 j 04:14	14°♋30'52	
asc. node	-3462 Aug 21 j 07:04	14°♋30'56	
morning max el	-3462 Aug 27 j 19:20	18°♋09'36	18°27'10
	-3462 Sep 05 j 14:41	0°♌	
morning set	-3462 Sep 16 j 08:54	17°♌20'38	
	-3462 Sep 24 j 04:49	0°♍	
superior conj	-3462 Oct 01 j 13:36	11°♍42'42	0°05'14
minimum elong	-3462 Oct 01 j 14:16	11°♍45'23	0°05'10
behind sun begin	-3462 Oct 01 j 03:30	11°♍02'48	
behind sun end	-3462 Oct 02 j 01:03	12°♍27'56	
desc. node	-3462 Oct 02 j 09:12	13°♍00'06	
max. Earth dist.	-3462 Oct 03 j 08:22	14°♍31'27	1.44827 AU
	-3462 Oct 13 j 04:37	0°♎	
evening rise	-3462 Oct 18 j 00:59	7°♎37'30	
greatest brilliancy	-3462 Oct 30 j 23:30	27°♎48'25	-0.7m
	-3462 Nov 01 j 10:36	0°♏	
evening max el	-3462 Nov 10 j 02:37	11°♏21'57	19°17'51
retrograde	-3462 Nov 17 j 05:06	15°♏27'27	
asc. node	-3462 Nov 17 j 06:01	15°♏27'27	
evening set	-3462 Nov 20 j 11:11	14°♏25'45	
inferior conj	-3462 Nov 26 j 03:53	8°♏31'01	2°44'09
minimum elong	-3462 Nov 26 j 00:51	8°♏40'43	2°43'08
min. Earth dist.	-3462 Nov 27 j 11:13	6°♏51'00	0.65906 AU
morning rise	-3462 Dec 01 j 13:41	2°♏18'31	
	-3462 Dec 05 j 07:57	30°℞♎	
direct	-3462 Dec 07 j 20:30	29°♎34'42	
	-3462 Dec 10 j 12:26	0°♏	
morning max el	-3462 Dec 20 j 10:59	6°♏58'59	26°12'20
desc. node	-3462 Dec 29 j 08:47	17°♏20'34	
	-3461 Jan 07 j 09:41	0°♐	
	-3461 Jan 25 j 07:58	0°♑	
morning set	-3461 Jan 25 j 13:57	0°♑27'48	
max. Earth dist.	-3461 Jan 29 j 16:09	8°♑15'56	1.35387 AU
superior conj	-3461 Feb 03 j 13:53	18°♑03'32	-1°-26'-27
minimum elong	-3461 Feb 03 j 17:07	18°♑19'59	1°26'09
	-3461 Feb 09 j 08:43	0°♒	
evening rise	-3461 Feb 11 j 09:02	4°♒09'10	
asc. node	-3461 Feb 13 j 05:14	7°♒53'51	
	-3461 Feb 26 j 06:58	0°♓	
evening max el	-3461 Mar 01 j 22:26	4°♓01'20	20°30'22
retrograde	-3461 Mar 12 j 19:01	9°♓11'31	
evening set	-3461 Mar 15 j 02:13	8°♓58'33	
inferior conj	-3461 Mar 24 j 02:18	5°♓00'33	0°53'27
minimum elong	-3461 Mar 24 j 04:39	4°♓57'06	0°52'36
min. Earth dist.	-3461 Mar 25 j 13:34	4°♓09'03	0.55370 AU
desc. node	-3461 Mar 27 j 07:48	3°♓09'27	
morning rise	-3461 Apr 02 j 05:07	0°♓42'20	
direct	-3461 Apr 05 j 17:28	0°♓15'26	
morning max el	-3461 Apr 19 j 03:45	6°♓49'30	23°13'21
	-3461 May 05 j 12:39	0°♈	
morning set	-3461 May 12 j 05:22	13°♈16'26	
asc. node	-3461 May 12 j 04:48	13°♈13'33	
superior conj	-3461 May 19 j 09:36	28°♈34'47	1°08'41
minimum elong	-3461 May 19 j 07:05	28°♈21'20	1°08'21
	-3461 May 20 j 01:35	0°♉	
max. Earth dist.	-3461 May 21 j 19:11	3°♉40'01	1.33837 AU
evening rise	-3461 May 27 j 01:52	14°♉28'21	
	-3461 Jun 04 j 08:51	0°♊	
desc. node	-3461 Jun 23 j 06:43	28°♊22'12	
	-3461 Jun 24 j 15:18	0°♋	
evening max el	-3461 Jun 30 j 01:33	5°♋49'36	27°21'12
retrograde	-3461 Jul 13 j 14:40	13°♋13'25	
evening set	-3461 Jul 20 j 16:56	10°♋29'13	
min. Earth dist.	-3461 Jul 24 j 09:14	7°♋04'54	0.64222 AU
inferior conj	-3461 Jul 26 j 18:34	4°♋31'06	-3°-31'-37
minimum elong	-3461 Jul 26 j 22:28	4°♋20'37	3°30'35
	-3461 Jul 31 j 15:09	30°℞♊	
morning rise	-3461 Aug 02 j 05:44	29°♊05'00	
direct	-3461 Aug 04 j 21:30	28°♊28'48	
asc. node	-3461 Aug 08 j 04:10	29°♊23'41	
	-3461 Aug 09 j 03:28	0°♋	
morning max el	-3461 Aug 11 j 09:53	1°♋56'09	18°02'33
morning set	-3461 Aug 28 j 21:19	28°♋40'19	
	-3461 Aug 29 j 16:01	0°♌	
superior conj	-3461 Sep 11 j 01:41	20°♌40'01	0°50'51
minimum elong	-3461 Sep 11 j 06:54	21°♌01'10	0°50'18
max. Earth dist.	-3461 Sep 16 j 01:18	28°♌40'38	1.44259 AU
	-3461 Sep 16 j 21:16	0°♍	
desc. node	-3461 Sep 19 j 06:10	3°♍44'55	
evening rise	-3461 Sep 27 j 11:54	16°♍35'41	
	-3461 Oct 06 j 06:03	0°♎	
greatest brilliancy	-3461 Oct 17 j 13:17	16°♎31'27	-0.6m
evening max el	-3461 Oct 24 j 07:09	24°♎48'15	20°14'01
retrograde	-3461 Nov 01 j 02:21	29°♎23'17	
asc. node	-3461 Nov 04 j 03:08	28°♎30'01	
evening set	-3461 Nov 04 j 17:18	28°♎07'04	
inferior conj	-3461 Nov 10 j 05:42	22°♎00'35	1°59'20
minimum elong	-3461 Nov 10 j 03:13	22°♎08'54	1°58'22
min. Earth dist.	-3461 Nov 11 j 00:37	20°♎57'11	0.66743 AU
morning rise	-3461 Nov 15 j 12:34	15°♎44'21	
direct	-3461 Nov 21 j 04:48	13°♎16'05	
morning max el	-3461 Dec 02 j 19:41	20°♎11'06	24°55'29
	-3461 Dec 11 j 06:18	0°♏	
desc. node	-3461 Dec 16 j 05:49	6°♏40'43	
	-3461 Dec 31 j 13:50	0°♐	
morning set	-3460 Jan 07 j 21:59	12°♐32'52	
max. Earth dist.	-3460 Jan 11 j 16:06	19°♐20'39	1.37149 AU
	-3460 Jan 17 j 06:58	0°♑	
superior conj	-3460 Jan 18 j 01:55	1°♑32'29	-1°-43'-48
minimum elong	-3460 Jan 18 j 04:50	1°♑46'44	1°43'42
evening rise	-3460 Jan 26 j 11:31	18°♑19'00	
asc. node	-3460 Jan 31 j 02:16	27°♑20'34	
	-3460 Feb 01 j 12:34	0°♒	
evening max el	-3460 Feb 12 j 13:30	15°♒52'12	19°25'12
retrograde	-3460 Feb 21 j 18:09	20°♒14'39	
evening set	-3460 Feb 24 j 01:36	19°♒59'20	
inferior conj	-3460 Mar 03 j 09:50	15°♒52'12	2°31'09
minimum elong	-3460 Mar 03 j 14:45	15°♒44'07	2°29'44
min. Earth dist.	-3460 Mar 06 j 04:30	14°♒03'25	0.56442 AU
morning rise	-3460 Mar 12 j 00:10	11°♒04'12	
desc. node	-3460 Mar 13 j 04:54	10°♒42'08	
direct	-3460 Mar 16 j 16:30	10°♒14'10	
morning max el	-3460 Mar 30 j 18:55	17°♒24'29	24°51'56
	-3460 Apr 10 j 02:03	0°♓	
morning set	-3460 Apr 25 j 17:36	28°♓18'40	
	-3460 Apr 26 j 12:49	0°♈	
asc. node	-3460 Apr 28 j 01:49	3°♈17'31	
superior conj	-3460 May 02 j 19:00	13°♈30'56	0°47'28
minimum elong	-3460 May 02 j 17:03	13°♈20'24	0°47'08
max. Earth dist.	-3460 May 04 j 02:29	16°♈21'25	1.33061 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening rise	-3460 May 10 j 02:02	28°♈57'34	
	-3460 May 10 j 14:19	0°♉	
	-3460 May 27 j 13:00	0°♊	
desc. node	-3460 Jun 09 j 03:47	16°♊21'11	
evening max el	-3460 Jun 11 j 10:24	18°♊38'53	27°21'26
retrograde	-3460 Jun 25 j 06:33	26°♊01'44	
evening set	-3460 Jul 02 j 09:27	23°♊33'37	
min. Earth dist.	-3460 Jul 05 j 23:30	20°♊37'35	0.62512 AU
inferior conj	-3460 Jul 08 j 21:58	17°♊48'52	-4°-4'-41
minimum elong	-3460 Jul 09 j 01:07	17°♊41'19	4°04'08
morning rise	-3460 Jul 15 j 19:11	12°♊42'01	
direct	-3460 Jul 18 j 08:00	12°♊12'48	
morning max el	-3460 Jul 25 j 00:43	15°♊37'25	17°56'04
asc. node	-3460 Jul 25 j 01:15	15°♊38'43	
	-3460 Aug 04 j 01:37	0°♋	
morning set	-3460 Aug 10 j 08:09	11°♋04'52	
	-3460 Aug 21 j 02:53	0°♌	
superior conj	-3460 Aug 21 j 16:00	0°♌55'51	1°23'54
minimum elong	-3460 Aug 21 j 21:15	1°♌18'09	1°23'31
max. Earth dist.	-3460 Aug 28 j 14:40	12°♌28'38	1.43056 AU
desc. node	-3460 Sep 05 j 03:08	24°♌28'07	
evening rise	-3460 Sep 05 j 16:41	25°♌21'00	
	-3460 Sep 08 j 16:44	0°♍	
	-3460 Sep 29 j 07:43	0°♎	
greatest brilliancy	-3460 Oct 01 j 02:05	2°♎16'43	-0.4m
evening max el	-3460 Oct 06 j 05:47	8°♎14'33	21°22'49
retrograde	-3460 Oct 14 j 23:04	13°♎24'52	
evening set	-3460 Oct 19 j 01:10	11°♎51'32	
asc. node	-3460 Oct 21 j 00:15	10°♎00'46	
inferior conj	-3460 Oct 24 j 10:53	5°♎36'40	1°09'45
minimum elong	-3460 Oct 24 j 09:19	5°♎42'01	1°09'06
min. Earth dist.	-3460 Oct 24 j 18:39	5°♎09'54	0.67257 AU
	-3460 Oct 28 j 23:33	30°℞♍	
morning rise	-3460 Oct 29 j 17:08	29°♍19'35	
direct	-3460 Nov 03 j 18:03	27°♍11'49	
	-3460 Nov 10 j 08:51	0°♎	
morning max el	-3460 Nov 14 j 04:44	3°♎25'57	23°29'40
greatest brilliancy	-3460 Nov 20 j 10:23	10°♎33'10	-0.2m
desc. node	-3460 Dec 02 j 02:50	26°♎30'32	
	-3460 Dec 04 j 11:39	0°♏	
morning set	-3460 Dec 19 j 05:24	23°♏21'38	
	-3460 Dec 23 j 02:23	0°♐	
max. Earth dist.	-3460 Dec 23 j 11:28	0°♐39'37	1.39189 AU
superior conj	-3460 Dec 31 j 00:10	14°♐16'21	-1°-54'-14
minimum elong	-3460 Dec 31 j 01:31	14°♐22'38	1°54'20
	-3459 Jan 08 j 05:30	0°♑	
evening rise	-3459 Jan 09 j 06:21	2°♑00'23	
asc. node	-3459 Jan 16 j 23:20	16°♑20'53	
evening max el	-3459 Jan 25 j 14:04	28°♑16'34	18°39'38
	-3459 Jan 27 j 15:08	0°♒	
retrograde	-3459 Feb 02 j 10:57	2°♒05'43	
evening set	-3459 Feb 04 j 21:31	1°♒45'03	
	-3459 Feb 08 j 17:26	30°℞♑	
inferior conj	-3459 Feb 12 j 12:46	27°♑19'05	3°32'39
minimum elong	-3459 Feb 12 j 16:30	27°♑11'58	3°31'56
min. Earth dist.	-3459 Feb 15 j 21:18	24°♑46'52	0.58150 AU
morning rise	-3459 Feb 20 j 07:47	22°♑03'21	
direct	-3459 Feb 26 j 04:35	20°♑37'49	
desc. node	-3459 Feb 28 j 02:01	20°♑46'42	
morning max el	-3459 Mar 12 j 11:02	28°♑07'26	26°18'08
	-3459 Mar 14 j 07:23	0°♒	
	-3459 Apr 03 j 12:33	0°♓	
morning set	-3459 Apr 10 j 05:02	13°♓18'26	
asc. node	-3459 Apr 14 j 22:48	23°♓28'21	
superior conj	-3459 Apr 17 j 06:22	28°♓32'05	0°24'02
minimum elong	-3459 Apr 17 j 05:19	28°♓26'22	0°23'48
max. Earth dist.	-3459 Apr 17 j 14:45	29°♓17'58	1.32638 AU
	-3459 Apr 17 j 22:26	0°♈	
evening rise	-3459 Apr 24 j 08:11	13°♈44'12	
	-3459 May 02 j 16:29	0°♉	
	-3459 May 23 j 17:55	0°♊	
evening max el	-3459 May 24 j 14:26	0°♊50'05	26°48'44
desc. node	-3459 May 27 j 00:53	3°♊00'25	
retrograde	-3459 Jun 07 j 14:44	8°♊09'28	
evening set	-3459 Jun 14 j 08:00	6°♊10'58	
min. Earth dist.	-3459 Jun 18 j 03:57	3°♊29'35	0.60544 AU
inferior conj	-3459 Jun 21 j 11:30	0°♊42'52	-4°-21'-48
minimum elong	-3459 Jun 21 j 12:27	0°♊40'53	4°21'40
	-3459 Jun 22 j 08:00	30°℞♉	
morning rise	-3459 Jun 28 j 20:03	25°♉57'41	
direct	-3459 Jul 01 j 07:45	25°♉33'36	
morning max el	-3459 Jul 08 j 12:57	29°♉05'10	18°08'38
	-3459 Jul 09 j 10:34	0°♊	
asc. node	-3459 Jul 11 j 22:18	2°♊59'21	
morning set	-3459 Jul 24 j 11:41	24°♊18'10	
	-3459 Jul 27 j 12:53	0°♋	
superior conj	-3459 Aug 03 j 09:05	12°♋31'15	1°42'37
minimum elong	-3459 Aug 03 j 11:58	12°♋44'06	1°42'35
max. Earth dist.	-3459 Aug 10 j 22:48	25°♋40'19	1.41371 AU
	-3459 Aug 13 j 13:04	0°♌	
evening rise	-3459 Aug 16 j 10:48	4°♌44'46	
desc. node	-3459 Aug 23 j 00:09	15°♌05'38	
	-3459 Sep 02 j 00:09	0°♍	
greatest brilliancy	-3459 Sep 14 j 02:51	16°♍16'37	-0.3m
evening max el	-3459 Sep 18 j 22:33	21°♍40'46	22°40'19
retrograde	-3459 Sep 28 j 17:38	27°♍29'27	
evening set	-3459 Oct 03 j 08:56	25°♍36'58	
asc. node	-3459 Oct 07 j 21:21	20°♍26'25	
inferior conj	-3459 Oct 08 j 17:29	19°♍17'11	0°17'16
minimum elong	-3459 Oct 08 j 17:05	19°♍18'36	0°17'07
min. Earth dist.	-3459 Oct 08 j 14:52	19°♍26'14	0.67458 AU
morning rise	-3459 Oct 14 j 01:08	13°♍02'08	
direct	-3459 Oct 18 j 11:15	11°♍16'22	
morning max el	-3459 Oct 27 j 17:19	16°♍45'39	22°04'11
greatest brilliancy	-3459 Nov 01 j 12:03	22°♍11'01	-0.4m
	-3459 Nov 07 j 11:11	0°♎	
desc. node	-3459 Nov 18 j 23:51	16°♎41'26	
	-3459 Nov 27 j 14:20	0°♏	
morning set	-3459 Nov 29 j 08:05	2°♏46'37	
max. Earth dist.	-3459 Dec 05 j 10:29	12°♏46'13	1.41239 AU
superior conj	-3459 Dec 13 j 03:28	26°♏01'59	-1°-54'-18
minimum elong	-3459 Dec 13 j 01:43	25°♏54'15	1°54'23
	-3459 Dec 15 j 08:52	0°♐	
evening rise	-3459 Dec 23 j 14:21	15°♐06'19	
	-3459 Dec 31 j 20:32	0°♑	
asc. node	-3458 Jan 03 j 20:23	4°♑46'25	
evening max el	-3458 Jan 08 j 21:29	11°♑06'46	18°14'06
retrograde	-3458 Jan 15 j 22:04	14°♑38'34	
evening set	-3458 Jan 18 j 11:32	14°♑11'17	
inferior conj	-3458 Jan 25 j 11:59	9°♑23'18	3°58'59
minimum elong	-3458 Jan 25 j 13:00	9°♑21'03	3°58'49
min. Earth dist.	-3458 Jan 28 j 19:01	6°♑29'35	0.60144 AU
morning rise	-3458 Feb 01 j 11:33	3°♑46'43	
direct	-3458 Feb 08 j 04:06	1°♑43'05	
desc. node	-3458 Feb 14 j 23:06	3°♑39'17	
morning max el	-3458 Feb 22 j 08:45	9°♑22'43	27°17'57
	-3458 Mar 10 j 05:25	0°♒	
morning set	-3458 Mar 25 j 13:55	28°♒09'28	
	-3458 Mar 26 j 11:08	0°♓	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3458 Apr 01 j 04:14	12°♓16'48	1.32550 AU	
superior conj	-3458 Apr 01 j 18:03	13°♓32'22	0°00'-46	
minimum elong	-3458 Apr 01 j 18:06	13°♓32'33	0°00'49	
behind sun begin	-3458 Apr 01 j 13:05	13°♓05'10		
behind sun end	-3458 Apr 01 j 23:06	13°♓59'58		
asc. node	-3458 Apr 01 j 19:49	13°♓42'00		
evening rise	-3458 Apr 08 j 18:00	28°♓40'04		
	-3458 Apr 09 j 09:17	0°♈		
	-3458 Apr 26 j 06:55	0°♉		
evening max el	-3458 May 06 j 11:58	12°♉18'04	25°45'15	
desc. node	-3458 May 13 j 21:56	17°♉48'04		
retrograde	-3458 May 20 j 13:47	19°♉31'56		
evening set	-3458 May 26 j 09:08	18°♉11'10		
min. Earth dist.	-3458 May 31 j 00:17	15°♉27'20	0.58512 AU	
inferior conj	-3458 Jun 03 j 07:32	13°♉03'40	-4°-14'-4	
minimum elong	-3458 Jun 03 j 04:57	13°♉08'23	4°13'46	
morning rise	-3458 Jun 11 j 04:42	8°♉40'48		
direct	-3458 Jun 13 j 16:17	8°♉20'48		
morning max el	-3458 Jun 21 j 19:44	12°♉11'33	18°41'07	
asc. node	-3458 Jun 28 j 19:20	21°♉11'25		
	-3458 Jul 03 j 20:54	0°♊		
morning set	-3458 Jul 08 j 03:21	8°♊08'32		
superior conj	-3458 Jul 16 j 23:53	25°♊12'41	1°48'57	
minimum elong	-3458 Jul 17 j 00:13	25°♊14'13	1°49'04	
	-3458 Jul 19 j 13:38	0°♋		
max. Earth dist.	-3458 Jul 24 j 01:54	8°♋08'01	1.39433 AU	
evening rise	-3458 Jul 28 j 05:36	15°♋19'09		
	-3458 Aug 06 j 06:15	0°♌		
desc. node	-3458 Aug 09 j 21:09	5°♌33'19		
	-3458 Aug 27 j 18:21	0°♍		
evening max el	-3458 Sep 01 j 11:01	5°♍08'26	24°00'58	
retrograde	-3458 Sep 12 j 08:59	11°♍34'01		
evening set	-3458 Sep 17 j 14:53	9°♍21'55		
inferior conj	-3458 Sep 22 j 23:48	3°♍00'41	0°-36'-27	
minimum elong	-3458 Sep 23 j 00:39	2°♍57'46	0°36'02	
min. Earth dist.	-3458 Sep 22 j 10:50	3°♍44'38	0.67352 AU	
asc. node	-3458 Sep 24 j 18:27	0°♍39'10		
	-3458 Sep 25 j 07:00	30°℞♌		
morning rise	-3458 Sep 28 j 10:38	26°♌50'36		
direct	-3458 Oct 02 j 07:29	25°♌25'34		
	-3458 Oct 10 j 06:52	0°♍		
morning max el	-3458 Oct 10 j 12:19	0°♍13'47	20°46'05	
greatest brilliancy	-3458 Oct 16 j 11:54	7°♍19'08	-0.5m	
	-3458 Nov 01 j 05:06	0°♎		
desc. node	-3458 Nov 05 j 20:50	7°♎07'01		
morning set	-3458 Nov 08 j 11:16	11°♎08'48		
max. Earth dist.	-3458 Nov 17 j 16:41	25°♎46'46	1.43006 AU	
	-3458 Nov 20 j 06:48	0°♏		
superior conj	-3458 Nov 24 j 06:07	6°♏35'23	-1°-40'-7	
minimum elong	-3458 Nov 24 j 00:31	6°♏11'55	1°39'48	
evening rise	-3458 Dec 06 j 07:36	27°♏28'15		
	-3458 Dec 07 j 17:51	0°♐		
asc. node	-3458 Dec 21 j 17:27	22°♐26'00		
evening max el	-3458 Dec 23 j 08:52	24°♐14'19	18°08'14	
retrograde	-3458 Dec 29 j 23:33	27°♐42'12		
evening set	-3457 Jan 01 j 15:58	27°♐07'25		
inferior conj	-3457 Jan 08 j 04:30	21°♐57'55	3°58'26	
minimum elong	-3457 Jan 08 j 03:10	22°♐01'17	3°58'13	
min. Earth dist.	-3457 Jan 11 j 00:52	19°♐05'54	0.62120 AU	
morning rise	-3457 Jan 14 j 12:14	16°♐06'39		
direct	-3457 Jan 21 j 13:07	13°♐33'08		
desc. node	-3457 Feb 01 j 20:11	18°♐50'21		
morning max el	-3457 Feb 04 j 12:43	21°♐18'21	27°42'51	
	-3457 Feb 12 j 03:33	0°♑		
	-3457 Mar 03 j 05:04	0°♒		
morning set	-3457 Mar 09 j 18:08	12°♒43'12		
max. Earth dist.	-3457 Mar 15 j 14:49	25°♒01'52	1.32811 AU	
superior conj	-3457 Mar 17 j 04:21	28°♒24'45	0°-26'-7	
minimum elong	-3457 Mar 17 j 05:32	28°♒31'10	0°25'57	
	-3457 Mar 17 j 21:54	0°♓		
asc. node	-3457 Mar 19 j 16:49	3°♓53'22		
evening rise	-3457 Mar 24 j 05:28	13°♓36'55		
	-3457 Apr 01 j 13:21	0°♈		
evening max el	-3457 Apr 18 j 04:19	23°♈10'46	24°19'44	
	-3457 Apr 29 j 22:08	0°♉		
desc. node	-3457 Apr 30 j 19:01	0°♉06'53		
retrograde	-3457 May 02 j 01:47	0°♉10'40		
	-3457 May 04 j 05:38	30°℞♈		
evening set	-3457 May 06 j 13:34	29°♈25'22		
min. Earth dist.	-3457 May 12 j 16:03	26°♈23'41	0.56710 AU	
inferior conj	-3457 May 15 j 07:32	24°♈43'13	-3°-30'-56	
minimum elong	-3457 May 15 j 01:50	24°♈52'19	3°29'43	
morning rise	-3457 May 23 j 18:09	20°♈38'51		
direct	-3457 May 26 j 05:53	20°♈22'07		
morning max el	-3457 Jun 04 j 18:18	24°♈47'03	19°34'09	
	-3457 Jun 09 j 08:00	0°♉		
asc. node	-3457 Jun 15 j 16:22	10°♉02'46		
morning set	-3457 Jun 22 j 03:40	22°♉26'59		
	-3457 Jun 25 j 21:41	0°♊		
superior conj	-3457 Jun 30 j 06:45	8°♊44'10	1°45'40	
minimum elong	-3457 Jun 30 j 05:15	8°♊36'50	1°45'43	
max. Earth dist.	-3457 Jul 06 j 04:05	20°♊01'42	1.37505 AU	
evening rise	-3457 Jul 10 j 01:44	27°♊08'30		
	-3457 Jul 11 j 16:32	0°♋		
desc. node	-3457 Jul 27 j 18:07	25°♋45'59		
	-3457 Jul 30 j 16:58	0°♌		
evening max el	-3457 Aug 14 j 21:44	18°♌39'10	25°17'43	
retrograde	-3457 Aug 26 j 20:14	25°♌34'19		
evening set	-3457 Sep 01 j 17:11	23°♌04'34		
min. Earth dist.	-3457 Sep 06 j 04:15	18°♌03'22	0.66930 AU	
inferior conj	-3457 Sep 07 j 04:06	16°♌45'29	-1°-29'-47	
minimum elong	-3457 Sep 07 j 06:13	16°♌38'35	1°28'52	
asc. node	-3457 Sep 11 j 15:32	11°♌37'21		
morning rise	-3457 Sep 12 j 19:46	10°♌43'22		
direct	-3457 Sep 16 j 05:27	9°♌36'14		
morning max el	-3457 Sep 23 j 14:39	13°♌50'54	19°40'07	
greatest brilliancy	-3457 Oct 02 j 00:44	24°♌32'52	-0.6m	
	-3457 Oct 05 j 17:59	0°♍		
morning set	-3457 Oct 18 j 10:42	19°♍27'38		
desc. node	-3457 Oct 23 j 17:48	27°♍42'40		
	-3457 Oct 25 j 04:53	0°♎		
max. Earth dist.	-3457 Oct 31 j 05:19	9°♎29'21	1.44253 AU	
superior conj	-3457 Nov 04 j 05:21	15°♎52'43	-1°-9'00	
minimum elong	-3457 Nov 03 j 22:15	15°♎24'15	1°08'16	
	-3457 Nov 12 j 21:02	0°♏		
evening rise	-3457 Nov 18 j 05:32	8°♏57'18		
	-3457 Dec 01 j 01:03	0°♐		
evening max el	-3457 Dec 06 j 21:31	7°♐33'14	18°21'23	
asc. node	-3457 Dec 08 j 14:31	9°♐06'49		
retrograde	-3457 Dec 13 j 10:57	11°♐08'13		
evening set	-3457 Dec 16 j 07:21	10°♐24'34		
inferior conj	-3457 Dec 22 j 10:32	4°♐55'30	3°39'04	
minimum elong	-3457 Dec 22 j 07:51	5°♐03'05	3°38'29	
min. Earth dist.	-3457 Dec 24 j 16:33	2°♐23'38	0.63869 AU	
	-3457 Dec 27 j 00:35	30°℞♏		
morning rise	-3457 Dec 28 j 06:51	28°♏53'52		
direct	-3456 Jan 04 j 06:04	26°♏04'58		
	-3456 Jan 13 j 12:52	0°♐		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3456 Jan 17 j 20:49	3°♐49'40	27°31'30
desc. node	-3456 Jan 19 j 17:16	5°♐44'12	
	-3456 Feb 06 j 14:48	0°♑	
morning set	-3456 Feb 21 j 15:08	26°♑51'03	
	-3456 Feb 23 j 04:57	0°♒	
max. Earth dist.	-3456 Feb 26 j 18:30	7°♒19'54	1.33465 AU
superior conj	-3456 Feb 29 j 11:30	13°♒03'27	0°-51'-3
minimum elong	-3456 Feb 29 j 13:45	13°♒15'25	0°50'44
asc. node	-3456 Mar 05 j 13:49	23°♒58'28	
evening rise	-3456 Mar 07 j 16:51	28°♒28'39	
	-3456 Mar 08 j 10:21	0°♓	
	-3456 Mar 26 j 06:15	0°♈	
evening max el	-3456 Mar 29 j 20:47	3°♈52'04	22°45'30
retrograde	-3456 Apr 12 j 01:01	10°♈20'07	
evening set	-3456 Apr 15 j 06:11	9°♈57'29	
desc. node	-3456 Apr 16 j 16:07	9°♈34'02	
min. Earth dist.	-3456 Apr 23 j 06:20	6°♈26'15	0.55495 AU
inferior conj	-3456 Apr 24 j 13:00	5°♈42'08	-2°-6'-50
minimum elong	-3456 Apr 24 j 07:43	5°♈49'45	2°05'12
morning rise	-3456 May 03 j 11:46	1°♈45'33	
direct	-3456 May 06 j 02:06	1°♈29'43	
morning max el	-3456 May 17 j 06:26	6°♈42'54	20°47'06
asc. node	-3456 Jun 01 j 13:22	29°♈23'30	
	-3456 Jun 01 j 20:53	0°♉	
morning set	-3456 Jun 05 j 09:55	7°♉05'56	
superior conj	-3456 Jun 13 j 01:00	22°♉51'42	1°35'14
minimum elong	-3456 Jun 12 j 22:34	22°♉39'13	1°35'07
	-3456 Jun 16 j 13:58	0°♊	
max. Earth dist.	-3456 Jun 17 j 11:54	1°♊48'18	1.35805 AU
evening rise	-3456 Jun 21 j 18:36	10°♊00'45	
	-3456 Jul 03 j 06:13	0°♋	
desc. node	-3456 Jul 13 j 15:07	15°♋36'27	
	-3456 Jul 25 j 05:23	0°♌	
evening max el	-3456 Jul 27 j 08:49	2°♌10'53	26°22'31
retrograde	-3456 Aug 09 j 02:41	9°♌24'16	
evening set	-3456 Aug 15 j 13:43	6°♌41'52	
min. Earth dist.	-3456 Aug 19 j 16:39	2°♌18'51	0.66172 AU
inferior conj	-3456 Aug 21 j 04:31	0°♌28'29	-2°-20'-59
minimum elong	-3456 Aug 21 j 07:42	0°♌18'41	2°19'46
	-3456 Aug 21 j 13:48	30°℞♋	
morning rise	-3456 Aug 27 j 02:35	24°♋37'35	
asc. node	-3456 Aug 28 j 12:38	23°♋59'54	
direct	-3456 Aug 30 j 03:30	23°♋44'55	
morning max el	-3456 Sep 05 j 23:19	27°♋34'26	18°49'01
	-3456 Sep 08 j 03:22	0°♌	
morning set	-3456 Sep 27 j 04:29	28°♌43'52	
	-3456 Sep 27 j 23:37	0°♍	
desc. node	-3456 Oct 09 j 14:43	18°♍24'09	
superior conj	-3456 Oct 13 j 08:02	24°♍15'56	0°-23'-33
minimum elong	-3456 Oct 13 j 04:57	24°♍03'45	0°23'09
max. Earth dist.	-3456 Oct 12 j 22:13	23°♍37'16	1.44832 AU
	-3456 Oct 16 j 23:18	0°♎	
evening rise	-3456 Oct 29 j 03:49	19°♎24'27	
	-3456 Nov 04 j 17:53	0°♏	
evening max el	-3456 Nov 19 j 08:48	20°♏57'57	18°52'30
asc. node	-3456 Nov 24 j 11:36	24°♏33'25	
retrograde	-3456 Nov 26 j 04:28	24°♏49'32	
evening set	-3456 Nov 29 j 06:31	23°♏55'02	
inferior conj	-3456 Dec 05 j 02:30	18°♏08'57	3°06'51
minimum elong	-3456 Dec 04 j 23:23	18°♏18'32	3°05'56
min. Earth dist.	-3456 Dec 06 j 17:49	16°♏08'26	0.65274 AU
morning rise	-3456 Dec 10 j 15:14	11°♏59'55	
direct	-3456 Dec 17 j 05:30	9°♏10'38	
morning max el	-3456 Dec 30 j 06:20	16°♏45'17	26°48'26

desc. node	-3455 Jan 05 j 14:19	23°♏50'53	
	-3455 Jan 10 j 08:24	0°♐	
	-3455 Jan 29 j 10:37	0°♑	
morning set	-3455 Feb 04 j 01:33	10°♑22'33	
max. Earth dist.	-3455 Feb 08 j 11:57	19°♑03'46	1.34555 AU
superior conj	-3455 Feb 12 j 13:27	27°♑22'05	-1°-14'-21
minimum elong	-3455 Feb 12 j 16:29	27°♑37'46	1°14'01
	-3455 Feb 13 j 19:45	0°♒	
evening rise	-3455 Feb 20 j 02:25	13°♒09'38	
asc. node	-3455 Feb 20 j 10:50	13°♒53'13	
	-3455 Feb 28 j 20:21	0°♓	
evening max el	-3455 Mar 11 j 19:41	14°♓49'36	21°15'58
retrograde	-3455 Mar 23 j 14:59	20°♓29'20	
evening set	-3455 Mar 26 j 02:17	20°♓15'20	
desc. node	-3455 Apr 03 j 13:14	16°♓43'32	
inferior conj	-3455 Apr 04 j 08:31	16°♓16'23	0°-13'-26
minimum elong	-3455 Apr 04 j 07:53	16°♓17'17	0°13'15
transit middle	-3455 Apr 04 j 07:53	16°♓17'17	0°13'15
transit begin	-3455 Apr 04 j 05:39	16°♓20'27	
transit end	-3455 Apr 04 j 10:08	16°♓14'07	
min. Earth dist.	-3455 Apr 04 j 20:18	15°♓59'46	0.55143 AU
morning rise	-3455 Apr 13 j 13:06	12°♓11'16	
direct	-3455 Apr 16 j 14:16	11°♓50'56	
morning max el	-3455 Apr 29 j 07:45	17°♓57'10	22°16'54
	-3455 May 08 j 22:49	0°♈	
asc. node	-3455 May 19 j 10:23	19°♈06'09	
morning set	-3455 May 20 j 19:59	21°♈59'21	
	-3455 May 24 j 15:13	0°♉	
superior conj	-3455 May 28 j 03:12	7°♉25'06	1°19'33
minimum elong	-3455 May 28 j 00:33	7°♉11'05	1°19'16
max. Earth dist.	-3455 May 31 j 05:39	13°♉53'04	1.34450 AU
evening rise	-3455 Jun 05 j 03:01	23°♉41'18	
	-3455 Jun 08 j 10:33	0°♊	
	-3455 Jun 26 j 20:30	0°♋	
desc. node	-3455 Jun 30 j 12:09	4°♋55'22	
evening max el	-3455 Jul 09 j 20:28	15°♋36'10	27°07'16
retrograde	-3455 Jul 23 j 03:45	22°♋57'25	
evening set	-3455 Jul 30 j 02:00	20°♋10'45	
min. Earth dist.	-3455 Aug 02 j 21:44	16°♋25'58	0.65050 AU
inferior conj	-3455 Aug 04 j 22:55	14°♋06'25	-3°-7'-47
minimum elong	-3455 Aug 05 j 02:46	13°♋55'30	3°06'35
morning rise	-3455 Aug 11 j 04:53	8°♋30'09	
direct	-3455 Aug 13 j 23:25	7°♋48'40	
asc. node	-3455 Aug 15 j 09:43	7°♋59'39	
morning max el	-3455 Aug 20 j 12:26	11°♋21'26	18°14'28
	-3455 Sep 02 j 10:30	0°♌	
morning set	-3455 Sep 08 j 01:50	9°♌20'58	
	-3455 Sep 20 j 17:33	0°♍	
superior conj	-3455 Sep 22 j 10:21	2°♍42'53	0°25'43
minimum elong	-3455 Sep 22 j 13:29	2°♍55'22	0°25'22
max. Earth dist.	-3455 Sep 25 j 16:39	7°♍53'33	1.44683 AU
desc. node	-3455 Sep 26 j 11:40	9°♍08'41	
evening rise	-3455 Oct 09 j 01:51	28°♍50'48	
	-3455 Oct 09 j 19:39	0°♎	
greatest brilliancy	-3455 Oct 25 j 10:49	23°♎50'56	-0.7m
	-3455 Oct 29 j 22:06	0°♏	
evening max el	-3455 Nov 02 j 16:25	4°♏24'43	19°40'01
retrograde	-3455 Nov 10 j 01:05	8°♏41'25	
asc. node	-3455 Nov 11 j 08:43	8°♏31'22	
evening set	-3455 Nov 13 j 10:47	7°♏33'43	
inferior conj	-3455 Nov 19 j 01:27	1°♏33'37	2°25'48
minimum elong	-3455 Nov 18 j 22:36	1°♏42'57	2°24'47
min. Earth dist.	-3455 Nov 20 j 03:16	0°♏09'17	0.66313 AU
	-3455 Nov 20 j 06:09	30°℞♎	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3455 Nov 24 j 09:43	25°♎19'29	
direct	-3455 Nov 30 j 10:38	22°♎41'30	
morning max el	-3455 Dec 12 j 15:30	29°♎54'04	25°41'18
	-3455 Dec 12 j 17:51	0°♏	
desc. node	-3455 Dec 23 j 11:21	12°♏48'44	
	-3454 Jan 04 j 06:12	0°♐	
morning set	-3454 Jan 17 j 20:49	23°♐03'29	
max. Earth dist.	-3454 Jan 21 j 17:55	0°♑17'53	1.36094 AU
	-3454 Jan 21 j 14:09	0°♑	
superior conj	-3454 Jan 27 j 07:32	11°♑11'54	-1°-34'-29
minimum elong	-3454 Jan 27 j 10:45	11°♑28'01	1°34'16
evening rise	-3454 Feb 04 j 08:10	27°♑32'57	
	-3454 Feb 05 j 13:16	0°♒	
asc. node	-3454 Feb 07 j 07:53	3°♒31'58	
evening max el	-3454 Feb 22 j 04:33	26°♒19'00	20°00'20
	-3454 Feb 27 j 09:15	0°♓	
retrograde	-3454 Mar 04 j 07:20	1°♓07'28	
evening set	-3454 Mar 06 j 14:07	0°♓53'52	
	-3454 Mar 09 j 12:38	30°℞♒	
inferior conj	-3454 Mar 15 j 07:54	26°♒53'23	1°38'48
minimum elong	-3454 Mar 15 j 11:52	26°♒47'20	1°37'28
min. Earth dist.	-3454 Mar 17 j 10:21	25°♒36'49	0.55728 AU
desc. node	-3454 Mar 21 j 10:23	23°♒27'36	
morning rise	-3454 Mar 24 j 06:46	22°♒23'30	
direct	-3454 Mar 28 j 06:19	21°♒48'36	
morning max el	-3454 Apr 11 j 01:00	28°♒39'28	23°55'55
	-3454 Apr 12 j 09:30	0°♓	
	-3454 May 01 j 21:52	0°♈	
morning set	-3454 May 05 j 07:55	6°♈59'56	
asc. node	-3454 May 06 j 07:24	9°♈03'40	
superior conj	-3454 May 12 j 10:35	22°♈14'37	1°00'02
minimum elong	-3454 May 12 j 08:15	22°♈02'08	0°59'40
max. Earth dist.	-3454 May 14 j 08:47	26°♈22'04	1.33464 AU
	-3454 May 16 j 01:59	0°♉	
evening rise	-3454 May 19 j 22:25	7°♉55'25	
	-3454 May 31 j 22:12	0°♊	
desc. node	-3454 Jun 17 j 09:14	23°♊28'30	
evening max el	-3454 Jun 22 j 06:53	28°♊41'23	27°25'11
	-3454 Jun 23 j 16:53	0°♋	
retrograde	-3454 Jul 05 j 22:58	6°♋04'30	
evening set	-3454 Jul 13 j 02:47	3°♋25'22	
min. Earth dist.	-3454 Jul 16 j 17:29	0°♋14'33	0.63541 AU
	-3454 Jul 16 j 23:19	30°℞♊	
inferior conj	-3454 Jul 19 j 08:38	27°♊32'55	-3°-47'-10
minimum elong	-3454 Jul 19 j 12:22	27°♊23'20	3°46'18
morning rise	-3454 Jul 25 j 23:55	22°♊14'42	
direct	-3454 Jul 28 j 14:19	21°♊41'36	
asc. node	-3454 Aug 02 j 06:48	23°♊29'00	
morning max el	-3454 Aug 04 j 03:25	25°♊06'18	17°57'34
	-3454 Aug 08 j 04:30	0°♋	
morning set	-3454 Aug 21 j 00:31	21°♋10'26	
	-3454 Aug 26 j 03:01	0°♌	
superior conj	-3454 Sep 02 j 08:51	12°♌11'37	1°06'38
minimum elong	-3454 Sep 02 j 14:33	12°♌35'09	1°06'06
max. Earth dist.	-3454 Sep 08 j 08:57	21°♌58'00	1.43823 AU
desc. node	-3454 Sep 13 j 08:39	29°♌53'14	
	-3454 Sep 13 j 10:22	0°♍	
evening rise	-3454 Sep 18 j 07:55	7°♍38'00	
	-3454 Oct 03 j 03:48	0°♎	
greatest brilliancy	-3454 Oct 10 j 19:43	10°♎44'48	-0.5m
evening max el	-3454 Oct 16 j 18:31	17°♎51'20	20°41'50
retrograde	-3454 Oct 24 j 22:25	22°♎40'44	
evening set	-3454 Oct 28 j 17:54	21°♎17'18	
asc. node	-3454 Oct 29 j 05:49	20°♎54'04	
inferior conj	-3454 Nov 03 j 04:57	15°♎06'36	1°38'45
minimum elong	-3454 Nov 03 j 02:50	15°♎13'50	1°37'54
min. Earth dist.	-3454 Nov 03 j 18:54	14°♎19'12	0.67003 AU
morning rise	-3454 Nov 08 j 11:19	8°♎49'47	
direct	-3454 Nov 13 j 20:57	6°♎30'10	
morning max el	-3454 Nov 25 j 00:16	13°♎08'32	24°19'33
	-3454 Dec 08 j 15:47	0°♏	
desc. node	-3454 Dec 10 j 08:21	2°♏22'55	
	-3454 Dec 28 j 02:12	0°♐	
morning set	-3454 Dec 30 j 19:12	4°♐38'24	
max. Earth dist.	-3453 Jan 03 j 15:28	11°♐26'32	1.37999 AU
superior conj	-3453 Jan 10 j 14:17	24°♐23'20	-1°-49'-15
minimum elong	-3453 Jan 10 j 16:43	24°♐35'00	1°49'15
	-3453 Jan 13 j 11:41	0°♑	
evening rise	-3453 Jan 19 j 07:48	11°♑32'09	
asc. node	-3453 Jan 25 j 04:57	22°♑48'44	
	-3453 Jan 29 j 10:05	0°♒	
evening max el	-3453 Feb 04 j 23:49	8°♒24'28	19°03'17
retrograde	-3453 Feb 13 j 13:50	12°♒31'19	
evening set	-3453 Feb 15 j 22:24	12°♒14'01	
inferior conj	-3453 Feb 23 j 23:15	7°♒59'16	3°01'55
minimum elong	-3453 Feb 24 j 04:00	7°♒50'55	3°00'44
min. Earth dist.	-3453 Feb 27 j 01:47	5°♒49'51	0.57108 AU
morning rise	-3453 Mar 04 j 05:45	2°♒58'32	
desc. node	-3453 Mar 08 j 07:30	1°♒57'51	
direct	-3453 Mar 09 j 10:27	1°♒54'49	
morning max el	-3453 Mar 23 j 16:04	9°♒14'58	25°31'07
	-3453 Apr 08 j 05:46	0°♓	
morning set	-3453 Apr 19 j 20:01	22°♓01'49	
asc. node	-3453 Apr 23 j 04:26	29°♓11'05	
	-3453 Apr 23 j 13:27	0°♈	
superior conj	-3453 Apr 26 j 21:01	7°♈13'23	0°37'46
minimum elong	-3453 Apr 26 j 19:26	7°♈04'43	0°37'26
max. Earth dist.	-3453 Apr 27 j 18:36	9°♈10'52	1.32837 AU
evening rise	-3453 May 04 j 01:24	22°♈32'31	
	-3453 May 07 j 18:40	0°♉	
	-3453 May 25 j 21:55	0°♊	
desc. node	-3453 Jun 04 j 06:20	10°♊56'31	
evening max el	-3453 Jun 04 j 13:41	11°♊14'14	27°11'27
retrograde	-3453 Jun 18 j 11:45	18°♊36'17	
evening set	-3453 Jun 25 j 12:09	16°♊18'52	
min. Earth dist.	-3453 Jun 29 j 03:13	13°♊31'24	0.61697 AU
inferior conj	-3453 Jul 02 j 06:31	10°♊40'50	-4°-14'-23
minimum elong	-3453 Jul 02 j 08:55	10°♊35'22	4°14'02
morning rise	-3453 Jul 09 j 08:26	5°♊43'22	
direct	-3453 Jul 11 j 20:35	5°♊16'33	
morning max el	-3453 Jul 18 j 17:32	8°♊42'37	17°59'06
asc. node	-3453 Jul 20 j 03:51	10°♊13'23	
	-3453 Aug 01 j 15:00	0°♋	
morning set	-3453 Aug 03 j 19:01	3°♋56'38	
superior conj	-3453 Aug 14 j 10:58	23°♋02'22	1°33'32
minimum elong	-3453 Aug 14 j 15:20	23°♋21'20	1°33'18
	-3453 Aug 18 j 12:34	0°♌	
max. Earth dist.	-3453 Aug 21 j 20:00	5°♌31'13	1.42378 AU
evening rise	-3453 Aug 28 j 16:04	16°♌32'57	
desc. node	-3453 Aug 31 j 05:37	20°♌34'16	
	-3453 Sep 06 j 09:27	0°♍	
greatest brilliancy	-3453 Sep 24 j 18:40	25°♍47'50	-0.4m
	-3453 Sep 28 j 09:11	0°♎	
evening max el	-3453 Sep 29 j 14:25	1°♎16'54	21°54'57
retrograde	-3453 Oct 08 j 18:31	6°♎44'01	
evening set	-3453 Oct 13 j 01:56	5°♎02'42	
asc. node	-3453 Oct 16 j 02:55	1°♎52'30	
	-3453 Oct 17 j 13:09	30°℞♍	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3453 Oct 18 j 10:57	28°♍45'03	0°47'44
minimum elong	-3453 Oct 18 j 09:52	28°♍48'48	0°47'18
min. Earth dist.	-3453 Oct 18 j 14:13	28°♍33'45	0.67374 AU
morning rise	-3453 Oct 23 j 17:34	22°♍28'17	
direct	-3453 Oct 28 j 11:56	20°♍30'03	
morning max el	-3453 Nov 07 j 10:31	26°♍25'44	22°52'49
	-3453 Nov 10 j 16:59	0°♎	
greatest brilliancy	-3453 Nov 12 j 06:04	1°♎50'17	-0.3m
desc. node	-3453 Nov 27 j 05:20	22°♎22'29	
	-3453 Dec 02 j 06:30	0°♏	
morning set	-3453 Dec 11 j 14:37	14°♏51'54	
max. Earth dist.	-3453 Dec 16 j 11:25	23°♏02'31	1.40076 AU
	-3453 Dec 20 j 11:16	0°♐	
superior conj	-3453 Dec 24 j 05:07	6°♐43'53	-1°-55'-45
minimum elong	-3453 Dec 24 j 05:20	6°♐44'52	1°55'53
evening rise	-3452 Jan 02 j 22:26	24°♐59'21	
	-3452 Jan 05 j 13:54	0°♑	
asc. node	-3452 Jan 12 j 02:00	11°♑35'28	
evening max el	-3452 Jan 19 j 03:35	21°♑00'37	18°26'17
retrograde	-3452 Jan 26 j 14:39	24°♑40'40	
evening set	-3452 Jan 29 j 02:20	24°♑17'27	
inferior conj	-3452 Feb 05 j 11:00	19°♑42'30	3°47'38
minimum elong	-3452 Feb 05 j 13:37	19°♑37'10	3°47'14
min. Earth dist.	-3452 Feb 08 j 20:33	16°♑57'50	0.58982 AU
morning rise	-3452 Feb 12 j 21:24	14°♑16'38	
direct	-3452 Feb 19 j 03:54	12°♑34'17	
desc. node	-3452 Feb 23 j 04:35	13°♑15'05	
morning max el	-3452 Mar 04 j 10:22	20°♑09'55	26°47'26
	-3452 Mar 12 j 21:06	0°♒	
	-3452 Mar 30 j 20:24	0°♓	
morning set	-3452 Apr 03 j 06:35	6°♓58'32	
asc. node	-3452 Apr 09 j 01:27	19°♓23'43	
superior conj	-3452 Apr 10 j 08:44	22°♓14'54	0°13'38
minimum elong	-3452 Apr 10 j 08:07	22°♓11'36	0°13'29
behind sun begin	-3452 Apr 10 j 05:31	21°♓57'19	
behind sun end	-3452 Apr 10 j 10:44	22°♓25'54	
max. Earth dist.	-3452 Apr 10 j 07:38	22°♓08'56	1.32552 AU
	-3452 Apr 13 j 22:00	0°♈	
evening rise	-3452 Apr 17 j 09:20	7°♈23'42	
	-3452 Apr 29 j 07:46	0°♉	
evening max el	-3452 May 16 j 14:53	23°♉06'44	26°25'12
desc. node	-3452 May 21 j 03:24	26°♉52'41	
	-3452 May 27 j 12:15	0°♊	
retrograde	-3452 May 30 j 16:44	0°♊25'09	
	-3452 Jun 02 j 20:06	30°℞♉	
evening set	-3452 Jun 06 j 01:57	28°♉42'11	
min. Earth dist.	-3452 Jun 10 j 04:04	26°♉01'44	0.59662 AU
inferior conj	-3452 Jun 13 j 13:02	23°♉21'56	-4°-22'-14
minimum elong	-3452 Jun 13 j 12:35	23°♉22'48	4°22'08
morning rise	-3452 Jun 21 j 02:48	18°♉46'28	
direct	-3452 Jun 23 j 14:11	18°♉24'23	
morning max el	-3452 Jul 01 j 03:51	22°♉02'50	18°20'00
asc. node	-3452 Jul 06 j 00:54	27°♉57'43	
	-3452 Jul 07 j 09:27	0°♊	
morning set	-3452 Jul 17 j 04:11	17°♊26'57	
	-3452 Jul 23 j 19:20	0°♋	
superior conj	-3452 Jul 26 j 14:00	5°♋08'01	1°46'39
minimum elong	-3452 Jul 26 j 15:44	5°♋15'58	1°46'42
max. Earth dist.	-3452 Aug 03 j 01:11	18°♋22'16	1.40554 AU
evening rise	-3452 Aug 07 j 20:01	26°♋24'59	
	-3452 Aug 10 j 00:42	0°♌	
desc. node	-3452 Aug 17 j 02:37	11°♌08'20	
	-3452 Aug 30 j 02:38	0°♍	
greatest brilliancy	-3452 Sep 05 j 07:45	8°♍05'03	-0.2m
evening max el	-3452 Sep 11 j 05:03	14°♍43'41	23°14'40
retrograde	-3452 Sep 21 j 11:54	20°♍49'04	
evening set	-3452 Sep 26 j 09:09	18°♍48'26	
inferior conj	-3452 Oct 01 j 17:40	12°♍27'33	0°-5'-25
minimum elong	-3452 Oct 01 j 17:47	12°♍27'08	0°05'20
transit middle	-3452 Oct 01 j 17:47	12°♍27'08	0°05'20
transit begin	-3452 Oct 01 j 15:14	12°♍35'55	
transit end	-3452 Oct 01 j 20:20	12°♍18'21	
min. Earth dist.	-3452 Oct 01 j 10:45	12°♍51'20	0.67447 AU
asc. node	-3452 Oct 01 j 23:59	12°♍05'51	
morning rise	-3452 Oct 07 j 02:26	6°♍13'57	
direct	-3452 Oct 11 j 06:40	4°♍37'08	
morning max el	-3452 Oct 20 j 01:29	9°♍48'37	21°29'39
greatest brilliancy	-3452 Oct 25 j 05:28	15°♍45'47	-0.4m
	-3452 Nov 04 j 14:09	0°♎	
desc. node	-3452 Nov 13 j 02:19	12°♎40'22	
morning set	-3452 Nov 20 j 05:45	23°♎45'11	
	-3452 Nov 24 j 03:39	0°♏	
max. Earth dist.	-3452 Nov 27 j 12:42	5°♏30'24	1.42045 AU
superior conj	-3452 Dec 04 j 22:35	18°♏00'35	-1°-50'-16
minimum elong	-3452 Dec 04 j 19:11	17°♏45'52	1°50'12
	-3452 Dec 11 j 17:33	0°♐	
evening rise	-3452 Dec 16 j 00:39	7°♐47'29	
asc. node	-3452 Dec 28 j 23:02	29°♐43'01	
	-3452 Dec 29 j 04:01	0°♑	
evening max el	-3451 Jan 01 j 13:06	3°♑59'35	18°09'13
retrograde	-3451 Jan 08 j 08:11	7°♑27'49	
evening set	-3451 Jan 10 j 22:54	6°♑57'27	
inferior conj	-3451 Jan 17 j 17:59	2°♑00'24	4°01'28
minimum elong	-3451 Jan 17 j 17:54	2°♑00'37	4°01'21
	-3451 Jan 19 j 21:08	30°℞♐	
min. Earth dist.	-3451 Jan 20 j 21:25	29°♐04'34	0.61011 AU
morning rise	-3451 Jan 24 j 10:19	26°♐17'07	
direct	-3451 Jan 31 j 08:01	23°♐58'53	
desc. node	-3451 Feb 09 j 01:40	27°♐10'54	
	-3451 Feb 12 j 15:12	0°♑	
morning max el	-3451 Feb 14 j 10:35	1°♑41'26	27°32'54
	-3451 Mar 07 j 01:45	0°♒	
morning set	-3451 Mar 18 j 13:42	21°♒42'56	
	-3451 Mar 22 j 12:10	0°♓	
max. Earth dist.	-3451 Mar 24 j 20:11	5°♓02'47	1.32614 AU
superior conj	-3451 Mar 25 j 20:01	7°♓12'41	0°-11'-31
minimum elong	-3451 Mar 25 j 20:32	7°♓15'32	0°11'28
behind sun begin	-3451 Mar 25 j 17:02	6°♓56'25	
behind sun end	-3451 Mar 26 j 00:02	7°♓34'39	
asc. node	-3451 Mar 26 j 22:26	9°♓36'59	
evening rise	-3451 Apr 01 j 20:04	22°♓20'55	
	-3451 Apr 05 j 13:38	0°♈	
	-3451 Apr 24 j 08:55	0°♉	
evening max el	-3451 Apr 28 j 10:01	4°♉18'31	25°10'59
desc. node	-3451 May 08 j 00:30	10°♉41'31	
retrograde	-3451 May 12 j 11:17	11°♉27'38	
evening set	-3451 May 17 j 17:43	10°♉23'21	
min. Earth dist.	-3451 May 22 j 22:17	7°♉33'20	0.57690 AU
inferior conj	-3451 May 26 j 00:43	5°♉26'11	-4°00'-42
minimum elong	-3451 May 25 j 20:35	5°♉33'18	4°00'05
morning rise	-3451 Jun 03 j 03:30	1°♉11'36	
direct	-3451 Jun 05 j 15:03	0°♉53'08	
morning max el	-3451 Jun 14 j 07:24	4°♉56'59	19°01'08
asc. node	-3451 Jun 22 j 21:56	16°♉27'54	
	-3451 Jun 30 j 05:31	0°♊	
morning set	-3451 Jun 30 j 23:55	1°♊30'21	
superior conj	-3451 Jul 09 j 12:14	18°♊12'12	1°48'34
minimum elong	-3451 Jul 09 j 11:40	18°♊09'33	1°48'41

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3451 Jul 15 j 19:52	0°♋	
max. Earth dist.	-3451 Jul 16 j 03:14	0°♋33'18	1.38598 AU
evening rise	-3451 Jul 20 j 01:59	7°♋32'17	
	-3451 Aug 02 j 23:29	0°♌	
desc. node	-3451 Aug 03 j 23:37	1°♌30'22	
evening max el	-3451 Aug 24 j 16:38	28°♌13'13	24°34'39
	-3451 Aug 26 j 13:55	0°♍	
retrograde	-3451 Sep 05 j 01:28	4°♍52'00	
evening set	-3451 Sep 10 j 13:44	2°♍32'16	
	-3451 Sep 13 j 00:37	30°℞♌	
min. Earth dist.	-3451 Sep 15 j 05:56	27°♌09'56	0.67214 AU
inferior conj	-3451 Sep 15 j 23:19	26°♌11'44	0°-59'-11
minimum elong	-3451 Sep 16 j 00:43	26°♌07'03	0°58'33
asc. node	-3451 Sep 18 j 21:04	22°♌31'14	
morning rise	-3451 Sep 21 j 12:00	20°♌04'33	
direct	-3451 Sep 25 j 03:56	18°♌47'19	
morning max el	-3451 Oct 02 j 23:28	23°♌19'55	20°16'19
	-3451 Oct 08 j 13:54	0°♍	
greatest brilliancy	-3451 Oct 09 j 19:14	1°♍38'14	-0.6m
	-3451 Oct 28 j 22:00	0°♎	
morning set	-3451 Oct 30 j 04:17	1°♎57'03	
desc. node	-3451 Oct 30 j 23:18	3°♎10'47	
max. Earth dist.	-3451 Nov 09 j 22:03	18°♎51'38	1.43615 AU
superior conj	-3451 Nov 15 j 13:36	28°♎01'45	-1°-29'-2
minimum elong	-3451 Nov 15 j 06:50	27°♎33'55	1°28'29
	-3451 Nov 16 j 18:17	0°♏	
evening rise	-3451 Nov 28 j 10:15	19°♏48'15	
	-3451 Dec 04 j 07:44	0°♐	
asc. node	-3451 Dec 15 j 20:05	16°♐59'54	
evening max el	-3451 Dec 16 j 01:27	17°♐13'38	18°11'34
retrograde	-3451 Dec 22 j 14:25	20°♐42'58	
evening set	-3451 Dec 25 j 08:30	20°♐04'26	
inferior conj	-3451 Dec 31 j 16:45	14°♐46'13	3°52'07
minimum elong	-3451 Dec 31 j 14:43	14°♐51'37	3°51'45
min. Earth dist.	-3450 Jan 03 j 07:09	12°♐01'14	0.62906 AU
morning rise	-3450 Jan 06 j 19:09	8°♐50'25	
direct	-3450 Jan 13 j 20:30	6°♐08'40	
desc. node	-3450 Jan 26 j 22:44	13°♐10'29	
morning max el	-3450 Jan 27 j 16:31	13°♐53'33	27°42'18
	-3450 Feb 09 j 17:57	0°♑	
	-3450 Feb 27 j 12:42	0°♒	
morning set	-3450 Mar 02 j 15:14	6°♒07'27	
max. Earth dist.	-3450 Mar 08 j 04:30	17°♒39'25	1.33046 AU
superior conj	-3450 Mar 10 j 05:15	22°♒00'51	0°-36'-48
minimum elong	-3450 Mar 10 j 06:54	22°♒09'45	0°36'33
asc. node	-3450 Mar 13 j 19:27	29°♒46'55	
	-3450 Mar 13 j 21:53	0°♓	
evening rise	-3450 Mar 17 j 07:46	7°♓17'26	
	-3450 Mar 29 j 09:31	0°♈	
evening max el	-3450 Apr 10 j 01:47	15°♈03'50	23°39'50
retrograde	-3450 Apr 23 j 17:22	21°♈51'52	
desc. node	-3450 Apr 24 j 21:34	21°♈48'46	
evening set	-3450 Apr 27 j 15:29	21°♈18'02	
min. Earth dist.	-3450 May 04 j 12:54	18°♈05'29	0.56109 AU
inferior conj	-3450 May 06 j 16:20	16°♈48'05	-3°00'-9
minimum elong	-3450 May 06 j 10:12	16°♈57'21	2°58'32
morning rise	-3450 May 15 j 08:29	12°♈48'45	
direct	-3450 May 17 j 21:05	12°♈32'38	
morning max el	-3450 May 28 j 01:38	17°♈16'18	20°02'49
	-3450 Jun 06 j 15:54	0°♉	
asc. node	-3450 Jun 09 j 18:59	5°♉33'09	
morning set	-3450 Jun 15 j 03:05	15°♉58'46	
	-3450 Jun 22 j 00:27	0°♊	
superior conj	-3450 Jun 23 j 00:27	2°♊00'34	1°41'59
minimum elong	-3450 Jun 22 j 22:27	1°♊50'35	1°41'58
max. Earth dist.	-3450 Jun 28 j 07:32	12°♊22'20	1.36750 AU
evening rise	-3450 Jul 02 j 07:37	19°♊50'03	
	-3450 Jul 08 j 02:09	0°♋	
desc. node	-3450 Jul 21 j 20:36	21°♋34'34	
	-3450 Jul 28 j 00:05	0°♌	
evening max el	-3450 Aug 07 j 03:26	11°♌45'01	25°47'13
retrograde	-3450 Aug 19 j 10:32	18°♌48'35	
evening set	-3450 Aug 25 j 13:51	16°♌12'32	
min. Earth dist.	-3450 Aug 29 j 21:23	11°♌27'38	0.66656 AU
inferior conj	-3450 Aug 31 j 02:12	9°♌55'44	-1°-51'-53
minimum elong	-3450 Aug 31 j 04:48	9°♌47'26	1°50'49
morning rise	-3450 Sep 05 j 20:25	3°♌58'11	
asc. node	-3450 Sep 05 j 18:10	4°♌01'44	
direct	-3450 Sep 09 j 02:09	2°♌57'33	
morning max el	-3450 Sep 16 j 04:42	7°♌00'01	19°16'29
	-3450 Oct 02 j 14:42	0°♍	
morning set	-3450 Oct 09 j 09:25	10°♍34'53	
desc. node	-3450 Oct 17 j 20:14	23°♍49'15	
	-3450 Oct 21 j 18:32	0°♎	
max. Earth dist.	-3450 Oct 23 j 13:26	2°♎49'18	1.44586 AU
superior conj	-3450 Oct 26 j 02:18	6°♎50'24	0°-51'00
minimum elong	-3450 Oct 25 j 20:14	6°♎26'19	0°50'18
	-3450 Nov 09 j 09:56	0°♏	
evening rise	-3450 Nov 09 j 22:33	0°♏51'59	
	-3450 Nov 29 j 00:22	0°♐	
evening max el	-3450 Nov 29 j 13:48	0°♐35'28	18°32'29
asc. node	-3450 Dec 02 j 17:10	3°♐11'17	
retrograde	-3450 Dec 06 j 05:00	4°♐16'35	
evening set	-3450 Dec 09 j 03:35	3°♐28'30	
	-3450 Dec 13 j 06:20	30°℞♏	
inferior conj	-3450 Dec 15 j 03:26	27°♏51'32	3°26'43
minimum elong	-3450 Dec 15 j 00:27	28°♏00'15	3°25'59
min. Earth dist.	-3450 Dec 17 j 02:57	25°♏32'23	0.64506 AU
morning rise	-3450 Dec 20 j 20:05	21°♏46'25	
direct	-3450 Dec 27 j 16:03	18°♏56'03	
morning max el	-3449 Jan 10 j 01:44	26°♏37'35	27°16'48
	-3449 Jan 13 j 06:09	0°♐	
desc. node	-3449 Jan 13 j 19:48	0°♐38'38	
	-3449 Feb 03 j 07:40	0°♑	
morning set	-3449 Feb 14 j 08:13	20°♑01'41	
max. Earth dist.	-3449 Feb 19 j 04:30	29°♑45'09	1.33880 AU
	-3449 Feb 19 j 07:23	0°♒	
superior conj	-3449 Feb 22 j 10:28	6°♒32'01	-1°-1'-13
minimum elong	-3449 Feb 22 j 13:05	6°♒45'52	1°00'51
asc. node	-3449 Feb 28 j 16:28	19°♒48'26	
evening rise	-3449 Mar 01 j 18:38	22°♒05'47	
	-3449 Mar 05 j 15:48	0°♓	
evening max el	-3449 Mar 22 j 20:07	25°♓48'27	22°06'01
	-3449 Mar 28 j 09:08	0°♈	
retrograde	-3449 Apr 04 j 11:57	1°♈57'52	
evening set	-3449 Apr 07 j 07:44	1°♈40'10	
desc. node	-3449 Apr 11 j 18:41	0°♈08'45	
	-3449 Apr 12 j 02:12	30°℞♓	
min. Earth dist.	-3449 Apr 16 j 02:42	27°♓52'06	0.55235 AU
inferior conj	-3449 Apr 16 j 16:01	27°♓33'19	-1°-20'-46
minimum elong	-3449 Apr 16 j 12:21	27°♓38'30	1°19'33
morning rise	-3449 Apr 25 j 18:29	23°♓35'45	
direct	-3449 Apr 28 j 11:58	23°♓19'01	
morning max el	-3449 May 10 j 09:06	28°♓54'20	21°23'39
	-3449 May 11 j 12:03	0°♈	
asc. node	-3449 May 27 j 16:01	25°♈04'10	
morning set	-3449 May 30 j 11:13	0°♉44'50	
	-3449 May 30 j 02:31	0°♉	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3449 Jun 06 j 22:29	16°♉20'35	1°29'08
minimum elong	-3449 Jun 06 j 19:53	16°♉07'03	1°28'56
max. Earth dist.	-3449 Jun 10 j 19:17	24°♉14'17	1.35181 AU
	-3449 Jun 13 j 17:19	0°♊	
evening rise	-3449 Jun 15 j 07:41	3°♊04'28	
	-3449 Jun 30 j 23:40	0°♋	
desc. node	-3449 Jul 08 j 17:37	11°♋13'14	
evening max el	-3449 Jul 20 j 14:38	25°♋14'35	26°44'23
	-3449 Jul 26 j 09:40	0°♌	
retrograde	-3449 Aug 02 j 14:49	2°♌32'50	
evening set	-3449 Aug 09 j 07:15	29°♋47'01	
	-3449 Aug 09 j 00:55	30°℞♋	
min. Earth dist.	-3449 Aug 13 j 06:50	25°♋40'45	0.65739 AU
inferior conj	-3449 Aug 15 j 00:21	23°♋37'06	-2°-41'-34
minimum elong	-3449 Aug 15 j 03:53	23°♋26'33	2°40'18
morning rise	-3449 Aug 21 j 01:38	17°♋52'21	
direct	-3449 Aug 23 j 23:30	17°♋04'57	
asc. node	-3449 Aug 23 j 15:17	17°♋05'36	
morning max el	-3449 Aug 30 j 15:40	20°♋46'16	18°32'18
	-3449 Sep 06 j 18:30	0°♌	
morning set	-3449 Sep 19 j 14:40	20°♌25'16	
	-3449 Sep 25 j 13:24	0°♍	
desc. node	-3449 Oct 04 j 17:10	14°♍32'37	
superior conj	-3449 Oct 05 j 01:57	15°♍07'15	0°-2'-20
minimum elong	-3449 Oct 05 j 01:38	15°♍06'00	0°02'16
behind sun begin	-3449 Oct 04 j 14:22	14°♍21'34	
behind sun end	-3449 Oct 05 j 12:54	15°♍50'26	
max. Earth dist.	-3449 Oct 06 j 07:20	17°♍03'02	1.44850 AU
	-3449 Oct 14 j 12:49	0°♎	
evening rise	-3449 Oct 21 j 10:16	10°♎52'43	
	-3449 Nov 02 j 14:30	0°♏	
evening max el	-3449 Nov 12 j 23:42	14°♏01'14	19°10'47
asc. node	-3449 Nov 19 j 14:16	18°♏02'00	
retrograde	-3449 Nov 20 j 00:17	18°♏03'00	
evening set	-3449 Nov 23 j 05:14	17°♏03'18	
inferior conj	-3449 Nov 28 j 22:44	11°♏10'45	2°50'21
minimum elong	-3449 Nov 28 j 19:39	11°♏20'29	2°49'22
min. Earth dist.	-3449 Nov 30 j 08:07	9°♏25'12	0.65753 AU
morning rise	-3449 Dec 04 j 09:11	4°♏58'58	
direct	-3449 Dec 10 j 18:01	2°♏13'20	
morning max el	-3449 Dec 23 j 11:28	9°♏41'02	26°22'20
desc. node	-3449 Dec 31 j 16:51	19°♏09'27	
	-3448 Jan 08 j 14:07	0°♐	
	-3448 Jan 26 j 19:05	0°♑	
morning set	-3448 Jan 28 j 12:52	3°♑13'53	
max. Earth dist.	-3448 Feb 01 j 17:03	11°♑14'58	1.35156 AU
superior conj	-3448 Feb 06 j 09:25	20°♑39'21	-1°-23'-23
minimum elong	-3448 Feb 06 j 12:37	20°♑55'43	1°23'06
	-3448 Feb 10 j 21:42	0°♒	
evening rise	-3448 Feb 14 j 02:50	6°♒39'59	
asc. node	-3448 Feb 15 j 13:30	9°♒37'01	
	-3448 Feb 27 j 02:03	0°♓	
evening max el	-3448 Mar 03 j 22:56	6°♓58'11	20°41'39
retrograde	-3448 Mar 15 j 01:37	12°♓15'59	
evening set	-3448 Mar 17 j 09:25	12°♓03'00	
inferior conj	-3448 Mar 26 j 11:26	8°♓05'23	0°36'21
minimum elong	-3448 Mar 26 j 13:04	8°♓03'01	0°35'43
min. Earth dist.	-3448 Mar 27 j 16:56	7°♓22'46	0.55281 AU
desc. node	-3448 Mar 28 j 15:50	6°♓50'12	
morning rise	-3448 Apr 04 j 15:04	3°♓50'51	
direct	-3448 Apr 08 j 00:07	3°♓26'03	
morning max el	-3448 Apr 21 j 06:37	9°♓53'34	22°58'32
	-3448 May 05 j 21:14	0°♈	
morning set	-3448 May 13 j 22:15	15°♈41'50	
asc. node	-3448 May 13 j 13:02	14°♈53'48	
	-3448 May 20 j 15:32	0°♉	
superior conj	-3448 May 21 j 03:11	1°♉01'59	1°11'41
minimum elong	-3448 May 21 j 00:36	0°♉48'18	1°11'20
max. Earth dist.	-3448 May 23 j 16:54	6°♉27'47	1.33982 AU
evening rise	-3448 May 28 j 21:14	17°♉00'48	
	-3448 Jun 04 j 18:41	0°♊	
	-3448 Jun 24 j 09:55	0°♋	
desc. node	-3448 Jun 24 j 14:42	0°♋14'54	
evening max el	-3448 Jul 02 j 01:52	8°♋32'33	27°18'34
retrograde	-3448 Jul 15 j 13:44	15°♋56'05	
evening set	-3448 Jul 22 j 15:06	13°♋10'52	
min. Earth dist.	-3448 Jul 26 j 08:11	9°♋41'23	0.64445 AU
inferior conj	-3448 Jul 28 j 15:24	7°♋10'59	-3°-25'-43
minimum elong	-3448 Jul 28 j 19:19	7°♋00'17	3°24'36
morning rise	-3448 Aug 04 j 01:10	1°♋42'04	
direct	-3448 Aug 06 j 17:33	1°♋04'37	
asc. node	-3448 Aug 09 j 12:23	1°♋44'50	
morning max el	-3448 Aug 13 j 05:56	4°♋33'17	18°05'04
	-3448 Aug 30 j 01:01	0°♌	
morning set	-3448 Aug 30 j 23:21	1°♌34'33	
superior conj	-3448 Sep 13 j 10:59	23°♌55'25	0°44'37
minimum elong	-3448 Sep 13 j 15:48	24°♌14'53	0°44'06
	-3448 Sep 17 j 05:56	0°♍	
max. Earth dist.	-3448 Sep 18 j 00:40	1°♍14'27	1.44391 AU
desc. node	-3448 Sep 20 j 14:08	5°♍17'40	
evening rise	-3448 Sep 29 j 23:42	19°♍57'18	
	-3448 Oct 06 j 12:27	0°♎	
greatest brilliancy	-3448 Oct 19 j 03:25	18°♎41'35	-0.6m
evening max el	-3448 Oct 26 j 05:07	27°♎27'51	20°04'47
	-3448 Oct 29 j 00:44	0°♏	
retrograde	-3448 Nov 02 j 21:25	1°♏57'50	
asc. node	-3448 Nov 05 j 11:22	1°♏19'13	
evening set	-3448 Nov 06 j 10:56	0°♏43'58	
	-3448 Nov 07 j 09:29	30°℞♎	
inferior conj	-3448 Nov 11 j 23:53	24°♎39'07	2°06'26
minimum elong	-3448 Nov 11 j 21:17	24°♎47'45	2°05'28
min. Earth dist.	-3448 Nov 12 j 20:34	23°♎30'12	0.66646 AU
morning rise	-3448 Nov 17 j 07:01	18°♎23'21	
direct	-3448 Nov 23 j 01:36	15°♎52'15	
morning max el	-3448 Dec 04 j 20:12	22°♎52'12	25°07'39
	-3448 Dec 11 j 03:50	0°♏	
desc. node	-3448 Dec 17 j 13:51	8°♏24'07	
	-3448 Dec 31 j 22:14	0°♐	
morning set	-3447 Jan 10 j 00:00	15°♐28'50	
max. Earth dist.	-3447 Jan 13 j 18:13	22°♐20'21	1.36862 AU
	-3447 Jan 17 j 19:05	0°♑	
superior conj	-3447 Jan 19 j 23:09	4°♑14'13	-1°-41'-33
minimum elong	-3447 Jan 20 j 02:11	4°♑29'08	1°41'27
evening rise	-3447 Jan 28 j 06:15	20°♑53'36	
asc. node	-3447 Feb 01 j 10:32	29°♑07'16	
	-3447 Feb 01 j 21:38	0°♒	
evening max el	-3447 Feb 14 j 12:30	18°♒44'08	19°33'46
retrograde	-3447 Feb 23 j 22:37	23°♒12'46	
evening set	-3447 Feb 26 j 05:48	22°♒57'59	
inferior conj	-3447 Mar 06 j 16:36	18°♒53'03	2°18'30
minimum elong	-3447 Mar 06 j 21:24	18°♒45'20	2°17'03
min. Earth dist.	-3447 Mar 09 j 07:38	17°♒12'17	0.56232 AU
morning rise	-3447 Mar 15 j 09:26	14°♒09'51	
desc. node	-3447 Mar 15 j 12:58	14°♒06'57	
direct	-3447 Mar 19 j 21:24	13°♒24'08	
morning max el	-3447 Apr 02 j 22:05	20°♒29'56	24°37'40
	-3447 Apr 11 j 00:42	0°♓	
morning set	-3447 Apr 28 j 10:29	0°♈44'19	
	-3447 Apr 28 j 02:01	0°♈	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3447 Apr 30 j 10:03	4°♈56'39	
superior conj	-3447 May 05 j 12:08	15°♈57'05	0°50'53
minimum elong	-3447 May 05 j 10:05	15°♈45'57	0°50'31
max. Earth dist.	-3447 May 06 j 23:18	19°♈07'04	1.33157 AU
	-3447 May 12 j 03:13	0°♉	
evening rise	-3447 May 12 j 20:17	1°♉27'03	
	-3447 May 28 j 17:18	0°♊	
desc. node	-3447 Jun 11 j 11:48	18°♊23'55	
evening max el	-3447 Jun 14 j 11:16	21°♊26'51	27°23'26
retrograde	-3447 Jun 28 j 06:25	28°♊49'33	
evening set	-3447 Jul 05 j 09:52	26°♊18'16	
min. Earth dist.	-3447 Jul 08 j 23:57	23°♊18'41	0.62792 AU
inferior conj	-3447 Jul 11 j 20:32	20°♊31'27	-4°00'-36
minimum elong	-3447 Jul 11 j 23:53	20°♊23'16	3°59'57
morning rise	-3447 Jul 18 j 16:10	15°♊21'26	
direct	-3447 Jul 21 j 05:20	14°♊51'15	
asc. node	-3447 Jul 27 j 09:26	17°♊48'20	
morning max el	-3447 Jul 27 j 20:51	18°♊15'35	17°55'49
	-3447 Aug 05 j 08:28	0°♋	
morning set	-3447 Aug 13 j 07:12	13°♋50'34	
	-3447 Aug 22 j 12:52	0°♌	
superior conj	-3447 Aug 24 j 21:04	3°♌58'37	1°19'51
minimum elong	-3447 Aug 25 j 02:33	4°♌21'40	1°19'24
max. Earth dist.	-3447 Aug 31 j 14:54	15°♌07'23	1.43276 AU
desc. node	-3447 Sep 07 j 11:07	26°♌01'22	
evening rise	-3447 Sep 09 j 04:10	28°♌41'30	
	-3447 Sep 10 j 00:24	0°♍	
	-3447 Sep 30 j 07:51	0°♎	
greatest brilliancy	-3447 Oct 03 j 20:55	4°♎41'59	-0.5m
evening max el	-3447 Oct 09 j 04:41	10°♎54'21	21°11'52
retrograde	-3447 Oct 17 j 18:16	15°♎58'53	
evening set	-3447 Oct 21 j 18:37	14°♎28'09	
asc. node	-3447 Oct 23 j 08:28	13°♎02'54	
inferior conj	-3447 Oct 27 j 04:39	8°♎14'19	1°17'28
minimum elong	-3447 Oct 27 j 02:56	8°♎20'12	1°16'46
min. Earth dist.	-3447 Oct 27 j 14:00	7°♎42'15	0.67206 AU
morning rise	-3447 Nov 01 j 10:52	1°♎57'19	
	-3447 Nov 04 j 21:22	30°℞♍	
direct	-3447 Nov 06 j 14:04	29°♍46'23	
	-3447 Nov 08 j 08:30	0°♎	
morning max el	-3447 Nov 17 j 05:00	6°♎06'41	23°42'37
desc. node	-3447 Dec 04 j 10:50	28°♎10'05	
	-3447 Dec 05 j 16:59	0°♏	
morning set	-3447 Dec 22 j 11:27	26°♏29'45	
	-3447 Dec 24 j 12:31	0°♐	
max. Earth dist.	-3447 Dec 26 j 13:56	3°♐35'42	1.38878 AU
superior conj	-3446 Jan 02 j 23:45	17°♐05'36	-1°-53'-15
minimum elong	-3446 Jan 03 j 01:26	17°♐13'31	1°53'20
	-3446 Jan 09 j 16:59	0°♑	
evening rise	-3446 Jan 12 j 02:23	4°♑39'46	
asc. node	-3446 Jan 19 j 07:35	18°♑12'05	
	-3446 Jan 27 j 10:46	0°♒	
evening max el	-3446 Jan 28 j 11:44	1°♒03'36	18°45'08
retrograde	-3446 Feb 05 j 12:39	4°♒56'51	
evening set	-3446 Feb 07 j 22:44	4°♒37'04	
inferior conj	-3446 Feb 15 j 16:23	0°♒14'02	3°25'44
minimum elong	-3446 Feb 15 j 20:27	0°♒06'27	3°24'55
	-3446 Feb 15 j 23:54	30°℞♑	
min. Earth dist.	-3446 Feb 18 j 23:51	27°♑47'12	0.57864 AU
morning rise	-3446 Feb 23 j 14:26	25°♑02'07	
direct	-3446 Mar 01 j 07:17	23°♑42'31	
desc. node	-3446 Mar 02 j 10:03	23°♑45'35	
	-3446 Mar 14 j 07:49	0°♒	
morning max el	-3446 Mar 15 j 13:42	1°♒09'48	26°06'47
	-3446 Apr 04 j 22:04	0°♓	
morning set	-3446 Apr 12 j 22:08	15°♓44'56	
asc. node	-3446 Apr 17 j 07:03	25°♓06'54	
superior conj	-3446 Apr 19 j 23:18	0°♈57'49	0°27'43
minimum elong	-3446 Apr 19 j 22:06	0°♈51'16	0°27'27
	-3446 Apr 19 j 12:43	0°♈	
max. Earth dist.	-3446 Apr 20 j 11:07	2°♈02'27	1.32679 AU
evening rise	-3446 Apr 27 j 01:40	16°♈11'31	
	-3446 May 04 j 02:08	0°♉	
	-3446 May 24 j 01:59	0°♊	
evening max el	-3446 May 27 j 16:05	3°♊43'59	26°55'35
desc. node	-3446 May 29 j 08:53	5°♊17'01	
retrograde	-3446 Jun 10 j 15:43	11°♊03'50	
evening set	-3446 Jun 17 j 11:18	9°♊00'02	
min. Earth dist.	-3446 Jun 21 j 05:36	6°♊17'42	0.60853 AU
inferior conj	-3446 Jun 24 j 12:19	3°♊29'22	-4°-20'-36
minimum elong	-3446 Jun 24 j 13:42	3°♊26'25	4°20'26
	-3446 Jun 29 j 01:10	30°℞♉	
morning rise	-3446 Jul 01 j 19:07	28°♉40'57	
direct	-3446 Jul 04 j 06:57	28°♉16'09	
	-3446 Jul 09 j 06:36	0°♊	
morning max el	-3446 Jul 11 j 09:37	1°♊45'47	18°05'30
asc. node	-3446 Jul 14 j 06:29	4°♊59'56	
morning set	-3446 Jul 27 j 08:31	26°♊57'16	
	-3446 Jul 28 j 23:52	0°♋	
superior conj	-3446 Aug 06 j 10:23	15°♋22'54	1°40'39
minimum elong	-3446 Aug 06 j 13:40	15°♋37'28	1°40'34
max. Earth dist.	-3446 Aug 13 j 23:55	28°♋25'37	1.41643 AU
	-3446 Aug 14 j 22:32	0°♌	
evening rise	-3446 Aug 19 j 19:11	7°♌56'31	
desc. node	-3446 Aug 25 j 08:07	16°♌40'07	
	-3446 Sep 03 j 04:58	0°♍	
greatest brilliancy	-3446 Sep 17 j 04:17	19°♍00'42	-0.3m
evening max el	-3446 Sep 21 j 22:12	24°♍20'37	22°28'24
	-3446 Sep 30 j 16:10	0°♎	
retrograde	-3446 Oct 01 j 13:17	0°♎03'43	
	-3446 Oct 02 j 09:58	30°℞♍	
evening set	-3446 Oct 06 j 02:31	28°♍14'04	
asc. node	-3446 Oct 10 j 05:32	23°♍36'07	
inferior conj	-3446 Oct 11 j 11:08	21°♍54'42	0°25'22
minimum elong	-3446 Oct 11 j 10:33	21°♍56'44	0°25'07
min. Earth dist.	-3446 Oct 11 j 10:00	21°♍58'38	0.67446 AU
morning rise	-3446 Oct 16 j 18:28	15°♍39'12	
direct	-3446 Oct 21 j 06:39	13°♍50'18	
morning max el	-3446 Oct 30 j 16:56	19°♍26'17	22°16'38
greatest brilliancy	-3446 Nov 04 j 10:01	24°♍45'35	-0.3m
	-3446 Nov 08 j 12:06	0°♎	
desc. node	-3446 Nov 21 j 07:49	18°♎18'31	
	-3446 Nov 28 j 22:17	0°♏	
morning set	-3446 Dec 02 j 18:28	6°♏07'33	
max. Earth dist.	-3446 Dec 08 j 12:16	15°♏35'24	1.40946 AU
superior conj	-3446 Dec 16 j 06:14	29°♏01'04	-1°-55'-9
minimum elong	-3446 Dec 16 j 05:02	28°♏55'45	1°55'14
	-3446 Dec 16 j 19:25	0°♐	
evening rise	-3446 Dec 26 j 12:15	17°♐51'53	
	-3445 Jan 02 j 03:07	0°♑	
asc. node	-3445 Jan 06 j 04:37	6°♑43'35	
evening max el	-3445 Jan 11 j 18:15	13°♑50'18	18°16'33
retrograde	-3445 Jan 18 j 21:14	17°♑23'54	
evening set	-3445 Jan 21 j 10:12	16°♑57'44	
inferior conj	-3445 Jan 28 j 12:41	12°♑13'03	3°56'56
minimum elong	-3445 Jan 28 j 14:07	12°♑09'57	3°56'43
min. Earth dist.	-3445 Jan 31 j 20:41	9°♑20'52	0.59841 AU
morning rise	-3445 Feb 04 j 14:57	6°♑38'53	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3445 Feb 11 j 05:10	4°♌40'40	
desc. node	-3445 Feb 17 j 07:08	6°♌13'50	
morning max el	-3445 Feb 25 j 10:33	12°♌19'32	27°11'10
	-3445 Mar 11 j 09:09	0°♒	
morning set	-3445 Mar 28 j 07:29	0°♓37'24	
	-3445 Mar 28 j 00:16	0°♓	
superior conj	-3445 Apr 04 j 11:00	15°♓58'11	0°03'03
minimum elong	-3445 Apr 04 j 10:52	15°♓57'27	0°03'00
behind sun begin	-3445 Apr 04 j 05:56	15°♓30'27	
behind sun end	-3445 Apr 04 j 15:48	16°♓24'28	
max. Earth dist.	-3445 Apr 04 j 00:34	15°♓01'06	1.32538 AU
asc. node	-3445 Apr 04 j 04:03	15°♓20'12	
	-3445 Apr 10 j 22:29	0°♈	
evening rise	-3445 Apr 11 j 11:01	1°♈05'57	
	-3445 Apr 27 j 07:53	0°♉	
evening max el	-3445 May 09 j 14:25	15°♉17'38	25°56'23
desc. node	-3445 May 16 j 05:58	20°♉23'39	
retrograde	-3445 May 23 j 16:23	22°♉33'06	
evening set	-3445 May 29 j 15:45	21°♉06'25	
min. Earth dist.	-3445 Jun 03 j 02:54	18°♉24'06	0.58805 AU
inferior conj	-3445 Jun 06 j 11:07	15°♉55'27	-4°-17'-19
minimum elong	-3445 Jun 06 j 09:07	15°♉59'12	4°17'07
morning rise	-3445 Jun 14 j 06:22	11°♉29'32	
direct	-3445 Jun 16 j 17:52	11°♉09'04	
morning max el	-3445 Jun 24 j 17:24	14°♉56'04	18°35'00
asc. node	-3445 Jul 01 j 03:31	23°♉05'09	
	-3445 Jul 05 j 05:54	0°♊	
morning set	-3445 Jul 10 j 22:35	10°♊42'37	
superior conj	-3445 Jul 19 j 22:18	27°♊55'38	1°48'39
minimum elong	-3445 Jul 19 j 22:59	27°♊58'47	1°48'47
	-3445 Jul 21 j 01:03	0°♋	
max. Earth dist.	-3445 Jul 27 j 03:23	10°♋59'05	1.39723 AU
evening rise	-3445 Jul 31 j 10:00	18°♋19'28	
	-3445 Aug 07 j 13:58	0°♌	
desc. node	-3445 Aug 12 j 05:06	7°♌09'40	
	-3445 Aug 28 j 14:12	0°♍	
evening max el	-3445 Sep 04 j 11:02	7°♍47'38	23°49'04
retrograde	-3445 Sep 15 j 05:14	14°♍08'30	
evening set	-3445 Sep 20 j 08:50	11°♍59'18	
inferior conj	-3445 Sep 25 j 17:35	5°♍37'56	0°-28'-16
minimum elong	-3445 Sep 25 j 18:15	5°♍35'40	0°27'57
min. Earth dist.	-3445 Sep 25 j 06:11	6°♍16'46	0.67384 AU
asc. node	-3445 Sep 27 j 02:37	3°♍46'57	
	-3445 Sep 30 j 11:30	30°℞♌	
morning rise	-3445 Oct 01 j 03:50	29°♌26'50	
direct	-3445 Oct 05 j 02:29	27°♌58'55	
	-3445 Oct 10 j 04:39	0°♍	
morning max el	-3445 Oct 13 j 10:52	2°♍53'07	20°57'01
greatest brilliancy	-3445 Oct 19 j 04:38	9°♍37'58	-0.5m
	-3445 Nov 02 j 11:21	0°♎	
desc. node	-3445 Nov 08 j 04:46	8°♎42'11	
morning set	-3445 Nov 12 j 00:10	14°♎36'09	
max. Earth dist.	-3445 Nov 20 j 17:02	28°♎27'18	1.42771 AU
	-3445 Nov 21 j 15:46	0°♏	
superior conj	-3445 Nov 27 j 12:49	9°♏45'56	-1°-43'-21
minimum elong	-3445 Nov 27 j 07:45	9°♏24'33	1°43'05
evening rise	-3445 Dec 09 j 07:57	0°♐21'00	
	-3445 Dec 09 j 03:15	0°♐	
asc. node	-3445 Dec 24 j 01:40	24°♐31'04	
evening max el	-3445 Dec 26 j 05:14	26°♐55'58	18°07'52
	-3445 Dec 30 j 15:54	0°♑	
retrograde	-3444 Jan 01 j 20:49	0°♑23'36	
	-3444 Jan 04 j 02:17	30°℞♐	
evening set	-3444 Jan 04 j 12:43	29°♐50'04	

inferior conj	-3444 Jan 11 j 02:53	24°♐43'48	3°59'52
minimum elong	-3444 Jan 11 j 01:51	24°♐46'23	3°59'40
min. Earth dist.	-3444 Jan 14 j 01:16	21°♐50'02	0.61841 AU
morning rise	-3444 Jan 17 j 12:42	18°♐54'21	
direct	-3444 Jan 24 j 13:06	16°♐24'14	
desc. node	-3444 Feb 04 j 04:12	21°♐06'24	
morning max el	-3444 Feb 07 j 13:38	24°♐09'13	27°41'24
	-3444 Feb 12 j 21:31	0°♑	
	-3444 Mar 03 j 15:03	0°♒	
morning set	-3444 Mar 11 j 12:32	15°♒14'13	
max. Earth dist.	-3444 Mar 17 j 11:41	27°♒48'27	1.32745 AU
	-3444 Mar 18 j 11:59	0°♓	
superior conj	-3444 Mar 18 j 21:37	0°♓52'16	0°-22'-18
minimum elong	-3444 Mar 18 j 22:37	0°♓57'46	0°22'09
asc. node	-3444 Mar 21 j 01:05	5°♓32'22	
evening rise	-3444 Mar 25 j 22:21	16°♓03'04	
	-3444 Apr 01 j 22:13	0°♈	
evening max el	-3444 Apr 20 j 07:21	26°♈14'45	24°33'27
	-3444 Apr 24 j 20:53	0°♉	
desc. node	-3444 May 02 j 03:02	3°♉07'16	
retrograde	-3444 May 04 j 06:20	3°♉17'50	
evening set	-3444 May 08 j 22:57	2°♉28'02	
	-3444 May 13 j 23:39	30°℞♈	
min. Earth dist.	-3444 May 14 j 19:19	29°♈29'41	0.56942 AU
inferior conj	-3444 May 17 j 14:11	27°♈41'48	-3°-40'-12
minimum elong	-3444 May 17 j 08:47	27°♈50'33	3°39'07
morning rise	-3444 May 25 j 22:46	23°♈35'05	
direct	-3444 May 28 j 10:20	23°♈17'59	
morning max el	-3444 Jun 06 j 17:24	27°♈37'10	19°24'58
	-3444 Jun 09 j 00:16	0°♉	
asc. node	-3444 Jun 17 j 00:35	11°♉51'40	
morning set	-3444 Jun 23 j 21:51	24°♉57'51	
	-3444 Jun 26 j 10:12	0°♊	
superior conj	-3444 Jul 02 j 03:08	11°♊21'01	1°46'40
minimum elong	-3444 Jul 02 j 01:52	11°♊14'48	1°46'45
max. Earth dist.	-3444 Jul 08 j 05:13	22°♊56'20	1.37781 AU
evening rise	-3444 Jul 12 j 02:40	29°♊58'54	
	-3444 Jul 12 j 02:55	0°♋	
desc. node	-3444 Jul 29 j 02:06	27°♋25'22	
	-3444 Jul 30 j 20:38	0°♌	
evening max el	-3444 Aug 16 j 21:56	21°♌18'26	25°06'52
retrograde	-3444 Aug 28 j 17:08	28°♌09'49	
evening set	-3444 Sep 03 j 11:48	25°♌42'37	
min. Earth dist.	-3444 Sep 08 j 00:12	20°♌35'45	0.67016 AU
inferior conj	-3444 Sep 08 j 22:20	19°♌22'59	-1°-21'-47
minimum elong	-3444 Sep 09 j 00:15	19°♌16'38	1°20'57
asc. node	-3444 Sep 12 j 23:43	14°♌35'18	
morning rise	-3444 Sep 14 j 13:10	13°♌19'20	
direct	-3444 Sep 18 j 00:22	12°♌09'42	
morning max el	-3444 Sep 25 j 12:04	16°♌28'49	19°48'57
greatest brilliancy	-3444 Oct 03 j 10:41	26°♌27'05	-0.6m
	-3444 Oct 05 j 21:56	0°♍	
morning set	-3444 Oct 20 j 22:29	22°♍50'34	
desc. node	-3444 Oct 25 j 01:44	29°♍16'32	
	-3444 Oct 25 j 12:52	0°♎	
max. Earth dist.	-3444 Nov 02 j 04:37	12°♎03'52	1.44110 AU
superior conj	-3444 Nov 06 j 16:00	19°♎14'07	-1°-14'-46
minimum elong	-3444 Nov 06 j 08:48	18°♎45'06	1°14'04
	-3444 Nov 13 j 05:55	0°♏	
evening rise	-3444 Nov 20 j 09:01	11°♏58'13	
	-3444 Dec 01 j 03:58	0°♐	
evening max el	-3444 Dec 08 j 17:55	10°♐13'57	18°18'18
asc. node	-3444 Dec 09 j 22:44	11°♐21'52	
retrograde	-3444 Dec 15 j 06:57	13°♐47'04	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3444 Dec 18 j 02:44	13°♐04'46	
inferior conj	-3444 Dec 24 j 07:10	7°♐38'32	3°42'54
minimum elong	-3444 Dec 24 j 04:37	7°♐45'37	3°42'23
min. Earth dist.	-3444 Dec 26 j 15:25	5°♐02'49	0.63632 AU
morning rise	-3444 Dec 30 j 04:56	1°♐38'24	
	-3443 Jan 01 j 16:25	30°℞♏	
direct	-3443 Jan 06 j 05:00	28°♏50'44	
	-3443 Jan 11 j 01:27	0°♐	
morning max el	-3443 Jan 19 j 21:10	6°♐35'43	27°35'19
desc. node	-3443 Jan 21 j 01:15	7°♐47'00	
	-3443 Feb 06 j 20:25	0°♑	
morning set	-3443 Feb 23 j 10:49	29°♑26'55	
	-3443 Feb 23 j 17:28	0°♒	
max. Earth dist.	-3443 Feb 28 j 16:40	10°♒11'42	1.33342 AU
superior conj	-3443 Mar 03 j 05:24	15°♒33'59	0°-47'-20
minimum elong	-3443 Mar 03 j 07:30	15°♒45'12	0°47'02
asc. node	-3443 Mar 07 j 22:06	25°♒39'05	
	-3443 Mar 09 j 23:10	0°♓	
evening rise	-3443 Mar 10 j 09:55	0°♓56'32	
	-3443 Mar 26 j 22:03	0°♈	
evening max el	-3443 Apr 01 j 23:32	6°♈56'39	22°59'33
retrograde	-3443 Apr 15 j 07:14	13°♈30'18	
evening set	-3443 Apr 18 j 16:24	13°♈05'19	
desc. node	-3443 Apr 19 j 00:10	13°♈00'25	
min. Earth dist.	-3443 Apr 26 j 09:43	9°♈39'24	0.55625 AU
inferior conj	-3443 Apr 27 j 22:06	8°♈46'33	-2°-22'-2
minimum elong	-3443 Apr 27 j 16:25	8°♈54'49	2°20'20
morning rise	-3443 May 06 j 19:15	4°♈49'39	
direct	-3443 May 09 j 08:59	4°♈33'50	
morning max el	-3443 May 20 j 07:08	9°♈39'16	20°35'06
	-3443 Jun 03 j 07:11	0°♉	
asc. node	-3443 Jun 03 j 21:38	1°♉08'45	
morning set	-3443 Jun 08 j 03:25	9°♉34'31	
superior conj	-3443 Jun 15 j 19:59	25°♉24'06	1°37'12
minimum elong	-3443 Jun 15 j 17:38	25°♉12'09	1°37'06
	-3443 Jun 18 j 02:42	0°♊	
max. Earth dist.	-3443 Jun 20 j 12:04	4°♊43'10	1.36039 AU
evening rise	-3443 Jun 24 j 16:52	12°♊43'02	
	-3443 Jul 04 j 14:09	0°♋	
desc. node	-3443 Jul 15 j 23:09	17°♋20'00	
	-3443 Jul 25 j 19:46	0°♌	
evening max el	-3443 Jul 30 j 09:04	4°♌51'03	26°13'56
retrograde	-3443 Aug 12 j 00:18	12°♌01'57	
evening set	-3443 Aug 18 j 09:22	9°♌21'05	
min. Earth dist.	-3443 Aug 22 j 13:32	4°♌52'18	0.66312 AU
inferior conj	-3443 Aug 23 j 23:29	3°♌06'46	-2°-13'-28
minimum elong	-3443 Aug 24 j 02:32	2°♌57'18	2°12'16
	-3443 Aug 26 j 14:39	30°℞♋	
morning rise	-3443 Aug 29 j 20:30	27°♋13'57	
asc. node	-3443 Aug 30 j 20:50	26°♋43'58	
direct	-3443 Sep 01 j 22:38	26°♋19'16	
	-3443 Sep 08 j 15:15	0°♌	
morning max el	-3443 Sep 08 j 19:56	0°♌11'47	18°55'35
	-3443 Sep 29 j 07:18	0°♍	
morning set	-3443 Sep 30 j 12:42	1°♍56'23	
desc. node	-3443 Oct 11 j 22:43	19°♍57'37	
max. Earth dist.	-3443 Oct 15 j 21:24	26°♍10'30	1.44795 AU
superior conj	-3443 Oct 16 j 20:48	27°♍42'44	0°-30'-59
minimum elong	-3443 Oct 16 j 16:47	27°♍26'56	0°30'29
	-3443 Oct 18 j 07:35	0°♎	
evening rise	-3443 Nov 01 j 11:02	22°♎35'21	
	-3443 Nov 06 j 00:51	0°♏	
evening max el	-3443 Nov 22 j 05:37	23°♏38'36	18°46'48
asc. node	-3443 Nov 26 j 19:48	27°♏01'09	
retrograde	-3443 Nov 28 j 23:50	27°♏27'03	
evening set	-3443 Dec 02 j 00:58	26°♏34'14	
inferior conj	-3443 Dec 07 j 21:53	20°♏50'25	3°12'22
minimum elong	-3443 Dec 07 j 18:47	20°♏59'50	3°11'30
min. Earth dist.	-3443 Dec 09 j 15:16	18°♏44'58	0.65086 AU
morning rise	-3443 Dec 13 j 11:32	14°♏42'26	
direct	-3443 Dec 20 j 03:29	11°♏52'32	
morning max el	-3442 Jan 02 j 06:42	19°♏29'05	26°56'39
desc. node	-3442 Jan 07 j 22:18	25°♏44'37	
	-3442 Jan 11 j 07:32	0°♐	
	-3442 Jan 30 j 20:15	0°♑	
morning set	-3442 Feb 06 j 23:07	13°♑05'10	
max. Earth dist.	-3442 Feb 11 j 12:01	22°♑02'08	1.34368 AU
superior conj	-3442 Feb 15 j 08:20	29°♑56'40	-1°-10'-58
minimum elong	-3442 Feb 15 j 11:15	0°♒11'58	1°10'38
	-3442 Feb 15 j 08:58	0°♒	
evening rise	-3442 Feb 22 j 19:55	15°♒40'16	
asc. node	-3442 Feb 22 j 19:07	15°♒36'08	
	-3442 Mar 02 j 03:16	0°♓	
evening max el	-3442 Mar 14 j 21:09	17°♓50'33	21°28'30
retrograde	-3442 Mar 26 j 21:57	23°♓38'05	
evening set	-3442 Mar 29 j 11:04	23°♓23'22	
desc. node	-3442 Apr 05 j 21:16	20°♓25'31	
inferior conj	-3442 Apr 07 j 18:17	19°♓22'56	0°-31'-20
minimum elong	-3442 Apr 07 j 16:49	19°♓25'00	0°30'53
min. Earth dist.	-3442 Apr 07 j 23:32	19°♓15'33	0.55141 AU
morning rise	-3442 Apr 16 j 22:40	15°♓20'26	
direct	-3442 Apr 19 j 21:34	15°♓01'17	
morning max el	-3442 May 02 j 09:57	20°♓59'22	22°02'43
	-3442 May 09 j 23:29	0°♈	
asc. node	-3442 May 21 j 18:41	20°♈48'38	
morning set	-3442 May 23 j 13:03	24°♈26'06	
	-3442 May 26 j 04:45	0°♉	
superior conj	-3442 May 30 j 21:11	9°♉54'02	1°22'13
minimum elong	-3442 May 30 j 18:31	9°♉40'03	1°21'56
max. Earth dist.	-3442 Jun 03 j 04:19	16°♉44'20	1.34630 AU
evening rise	-3442 Jun 07 j 23:15	26°♉16'55	
	-3442 Jun 09 j 21:55	0°♊	
	-3442 Jun 27 j 22:54	0°♋	
desc. node	-3442 Jul 02 j 20:12	6°♋44'18	
evening max el	-3442 Jul 12 j 20:38	18°♋17'33	27°02'09
retrograde	-3442 Jul 26 j 02:06	25°♋38'01	
evening set	-3442 Aug 01 j 23:04	22°♋51'13	
min. Earth dist.	-3442 Aug 05 j 19:45	19°♋01'01	0.65241 AU
inferior conj	-3442 Aug 07 j 18:56	16°♋45'27	-3°-1'-9
minimum elong	-3442 Aug 07 j 22:43	16°♋34'34	2°59'54
morning rise	-3442 Aug 13 j 23:38	11°♋06'55	
direct	-3442 Aug 16 j 19:00	10°♋23'58	
asc. node	-3442 Aug 17 j 17:56	10°♋28'56	
morning max el	-3442 Aug 23 j 08:33	13°♋58'33	18°18'34
	-3442 Sep 03 j 17:22	0°♌	
morning set	-3442 Sep 11 j 05:55	12°♌21'38	
	-3442 Sep 22 j 02:09	0°♍	
superior conj	-3442 Sep 25 j 21:39	6°♍04'53	0°18'34
minimum elong	-3442 Sep 25 j 23:59	6°♍14'08	0°18'19
max. Earth dist.	-3442 Sep 28 j 16:01	10°♍27'33	1.44749 AU
desc. node	-3442 Sep 28 j 19:40	10°♍42'01	
	-3442 Oct 11 j 03:05	0°♎	
evening rise	-3442 Oct 12 j 12:29	2°♎10'23	
greatest brilliancy	-3442 Oct 27 j 19:34	25°♎41'27	-0.7m
	-3442 Oct 30 j 19:59	0°♏	
evening max el	-3442 Nov 05 j 13:51	7°♏05'04	19°31'57
retrograde	-3442 Nov 12 j 20:12	11°♏17'42	
asc. node	-3442 Nov 13 j 16:54	11°♏13'25	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3442 Nov 16 j 04:37	10°♏12'05	
inferior conj	-3442 Nov 21 j 19:57	4°♏13'44	2°32'28
minimum elong	-3442 Nov 21 j 17:02	4°♏23'15	2°31'27
min. Earth dist.	-3442 Nov 22 j 23:39	2°♏43'58	0.66179 AU
	-3442 Nov 25 j 05:22	30°℞♎	
morning rise	-3442 Nov 27 j 04:42	28°♎00'09	
direct	-3442 Dec 03 j 07:42	25°♎20'03	
	-3442 Dec 12 j 20:53	0°♏	
morning max el	-3442 Dec 15 j 16:04	2°♏36'52	25°52'31
desc. node	-3442 Dec 25 j 19:19	14°♏35'44	
	-3441 Jan 05 j 12:25	0°♐	
morning set	-3441 Jan 20 j 20:58	25°♐54'35	
	-3441 Jan 23 j 01:40	0°♑	
max. Earth dist.	-3441 Jan 24 j 19:44	3°♑20'10	1.35839 AU
superior conj	-3441 Jan 30 j 03:44	13°♑51'05	-1°-31'-43
minimum elong	-3441 Jan 30 j 06:58	14°♑07'26	1°31'29
evening rise	-3441 Feb 07 j 02:21	0°♒06'32	
	-3441 Feb 07 j 01:04	0°♒	
asc. node	-3441 Feb 09 j 16:08	5°♒17'34	
evening max el	-3441 Feb 25 j 04:20	29°♒14'22	20°10'27
	-3441 Feb 26 j 00:18	0°♓	
retrograde	-3441 Mar 07 j 13:20	4°♓10'25	
evening set	-3441 Mar 09 j 20:06	3°♓57'08	
inferior conj	-3441 Mar 18 j 16:12	29°♒57'42	1°23'10
minimum elong	-3441 Mar 18 j 19:41	29°♒52'30	1°21'58
	-3441 Mar 18 j 14:41	30°℞♒	
min. Earth dist.	-3441 Mar 20 j 13:33	28°♒49'52	0.55587 AU
desc. node	-3441 Mar 23 j 18:23	27°♒04'15	
morning rise	-3441 Mar 27 j 16:42	25°♒32'07	
direct	-3441 Mar 31 j 12:06	25°♒00'22	
	-3441 Apr 12 j 04:44	0°♓	
morning max el	-3441 Apr 14 j 04:12	1°♓45'32	23°41'02
	-3441 May 03 j 08:57	0°♈	
morning set	-3441 May 08 j 00:47	9°♈25'58	
asc. node	-3441 May 08 j 15:42	10°♈44'20	
superior conj	-3441 May 15 j 03:55	24°♈41'40	1°03'12
minimum elong	-3441 May 15 j 01:31	24°♈28'47	1°02'50
max. Earth dist.	-3441 May 17 j 06:03	29°♈09'14	1.33585 AU
	-3441 May 17 j 15:38	0°♉	
evening rise	-3441 May 22 j 17:12	10°♉26'36	
	-3441 Jun 02 j 06:10	0°♊	
desc. node	-3441 Jun 19 j 17:17	25°♊25'30	
	-3441 Jun 23 j 20:29	0°♋	
evening max el	-3441 Jun 25 j 07:15	1°♋26'16	27°24'27
retrograde	-3441 Jul 08 j 22:20	8°♋49'46	
evening set	-3441 Jul 16 j 01:49	6°♋08'28	
min. Earth dist.	-3441 Jul 19 j 16:56	2°♋53'14	0.63784 AU
inferior conj	-3441 Jul 22 j 06:07	0°♋14'02	-3°-41'-55
minimum elong	-3441 Jul 22 j 09:56	0°♋04'03	3°40'59
	-3441 Jul 22 j 11:30	30°℞♊	
morning rise	-3441 Jul 28 j 19:56	24°♊53'05	
direct	-3441 Jul 31 j 10:46	24°♊18'58	
asc. node	-3441 Aug 04 j 15:01	25°♊45'39	
morning max el	-3441 Aug 06 j 23:28	27°♊44'23	17°58'59
	-3441 Aug 09 j 00:15	0°♋	
morning set	-3441 Aug 24 j 01:09	24°♋01'14	
	-3441 Aug 27 j 12:30	0°♌	
superior conj	-3441 Sep 05 j 16:21	15°♌22'27	1°01'18
minimum elong	-3441 Sep 05 j 21:58	15°♌45'30	1°00'44
max. Earth dist.	-3441 Sep 11 j 08:40	24°♌34'32	1.43986 AU
	-3441 Sep 14 j 18:35	0°♍	
desc. node	-3441 Sep 15 j 16:39	1°♍26'57	
evening rise	-3441 Sep 21 j 19:56	11°♍00'53	
	-3441 Oct 04 j 08:16	0°♎	
greatest brilliancy	-3441 Oct 13 j 11:46	13°♎02'23	-0.5m
evening max el	-3441 Oct 19 j 16:49	20°♎31'41	20°31'48
retrograde	-3441 Oct 27 j 17:35	25°♎16'02	
evening set	-3441 Oct 31 j 11:26	23°♎55'12	
asc. node	-3441 Oct 31 j 13:59	23°♎50'30	
inferior conj	-3441 Nov 05 j 22:55	17°♎45'48	1°46'12
minimum elong	-3441 Nov 05 j 20:39	17°♎53'27	1°45'19
min. Earth dist.	-3441 Nov 06 j 14:34	16°♎52'51	0.66921 AU
morning rise	-3441 Nov 11 j 05:24	11°♎29'05	
direct	-3441 Nov 16 j 17:20	9°♎06'23	
morning max el	-3441 Nov 28 j 00:50	15°♎50'54	24°32'13
	-3441 Dec 09 j 17:34	0°♏	
desc. node	-3441 Dec 12 j 16:19	4°♏05'07	
	-3441 Dec 29 j 11:15	0°♐	
morning set	-3440 Jan 02 j 22:50	7°♐40'15	
max. Earth dist.	-3440 Jan 06 j 17:56	14°♐26'24	1.37698 AU
superior conj	-3440 Jan 13 j 12:23	27°♐08'34	-1°-47'-29
minimum elong	-3440 Jan 13 j 15:00	27°♐21'17	1°47'28
	-3440 Jan 14 j 23:39	0°♑	
evening rise	-3440 Jan 22 j 03:00	14°♑09'20	
asc. node	-3440 Jan 27 j 13:09	24°♑37'43	
	-3440 Jan 30 j 13:55	0°♒	
evening max el	-3440 Feb 07 j 22:07	11°♒14'30	19°10'33
retrograde	-3440 Feb 16 j 17:08	15°♒26'34	
evening set	-3440 Feb 19 j 01:13	15°♒10'03	
inferior conj	-3440 Feb 27 j 04:39	10°♒58'09	2°51'43
minimum elong	-3440 Feb 27 j 09:32	10°♒49'47	2°50'26
min. Earth dist.	-3440 Mar 01 j 04:48	8°♒55'36	0.56861 AU
morning rise	-3440 Mar 06 j 13:59	6°♒01'41	
desc. node	-3440 Mar 09 j 15:29	5°♒12'04	
direct	-3440 Mar 11 j 14:21	5°♒03'02	
morning max el	-3440 Mar 25 j 19:10	12°♒20'16	25°17'45
	-3440 Apr 08 j 10:41	0°♓	
morning set	-3440 Apr 21 j 12:55	24°♓28'00	
	-3440 Apr 24 j 03:18	0°♈	
asc. node	-3440 Apr 24 j 12:41	0°♈50'34	
superior conj	-3440 Apr 28 j 14:00	9°♈39'38	0°41'16
minimum elong	-3440 Apr 28 j 12:17	9°♈30'15	0°40'57
max. Earth dist.	-3440 Apr 29 j 15:00	11°♈55'28	1.32906 AU
evening rise	-3440 May 05 j 19:13	25°♈01'03	
	-3440 May 08 j 06:30	0°♉	
	-3440 May 25 j 21:17	0°♊	
desc. node	-3440 Jun 05 j 14:21	13°♊05'01	
evening max el	-3440 Jun 06 j 14:44	14°♊04'44	27°15'39
retrograde	-3440 Jun 20 j 12:15	21°♊27'19	
evening set	-3440 Jun 27 j 13:45	19°♊05'49	
min. Earth dist.	-3440 Jul 01 j 04:15	16°♊15'40	0.61986 AU
inferior conj	-3440 Jul 04 j 05:58	13°♊25'19	-4°-11'-22
minimum elong	-3440 Jul 04 j 08:40	13°♊19'02	4°10'58
morning rise	-3440 Jul 11 j 06:13	8°♊24'33	
direct	-3440 Jul 13 j 18:31	7°♊56'59	
morning max el	-3440 Jul 20 j 13:52	11°♊22'24	17°57'38
asc. node	-3440 Jul 21 j 12:05	12°♊19'42	
	-3440 Aug 02 j 00:19	0°♋	
morning set	-3440 Aug 05 j 17:00	6°♋39'43	
superior conj	-3440 Aug 16 j 14:19	26°♋00'46	1°30'23
minimum elong	-3440 Aug 16 j 19:03	26°♋21'06	1°30'06
	-3440 Aug 18 j 22:18	0°♌	
max. Earth dist.	-3440 Aug 23 j 20:21	8°♌12'15	1.42622 AU
evening rise	-3440 Aug 31 j 02:27	19°♌50'58	
desc. node	-3440 Sep 01 j 13:39	22°♌08'44	
	-3440 Sep 06 j 16:06	0°♍	
greatest brilliancy	-3440 Sep 26 j 15:45	28°♍20'23	-0.4m
	-3440 Sep 28 j 00:25	0°♎	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3440 Oct 01 j 13:37	3°♎57'17	21°43'32
retrograde	-3440 Oct 10 j 13:56	9°♎18'36	
evening set	-3440 Oct 14 j 19:25	7°♎40'10	
asc. node	-3440 Oct 17 j 11:04	4°♎59'42	
inferior conj	-3440 Oct 20 j 04:38	1°♎23'24	0°55'42
minimum elong	-3440 Oct 20 j 03:23	1°♎27'45	0°55'10
min. Earth dist.	-3440 Oct 20 j 09:29	1°♎06'40	0.67340 AU
	-3440 Oct 21 j 04:55	30°℞♍	
morning rise	-3440 Oct 25 j 11:04	25°♍06'24	
direct	-3440 Oct 30 j 07:43	23°♍04'45	
morning max el	-3440 Nov 09 j 10:33	29°♍07'04	23°05'38
	-3440 Nov 10 j 07:01	0°♎	
greatest brilliancy	-3440 Nov 14 j 10:40	4°♎44'45	-0.3m
desc. node	-3440 Nov 28 j 13:18	24°♎01'20	
	-3440 Dec 02 j 13:06	0°♏	
morning set	-3440 Dec 13 j 22:33	18°♏06'22	
max. Earth dist.	-3440 Dec 18 j 13:20	25°♏55'08	1.39766 AU
	-3440 Dec 20 j 21:33	0°♐	
superior conj	-3440 Dec 26 j 05:56	9°♐37'40	-1°-55'-29
minimum elong	-3440 Dec 26 j 06:35	9°♐40'41	1°55'36
evening rise	-3439 Jan 04 j 19:11	27°♐41'41	
	-3439 Jan 06 j 00:06	0°♑	
asc. node	-3439 Jan 13 j 10:10	13°♑29'27	
evening max el	-3439 Jan 21 j 00:50	23°♑46'53	18°30'33
retrograde	-3439 Jan 28 j 15:05	27°♑29'43	
evening set	-3439 Jan 31 j 02:23	27°♑07'26	
inferior conj	-3439 Feb 07 j 13:19	22°♑35'47	3°42'59
minimum elong	-3439 Feb 07 j 16:20	22°♑29'45	3°42'28
min. Earth dist.	-3439 Feb 10 j 22:52	19°♑54'54	0.58684 AU
morning rise	-3439 Feb 15 j 02:42	17°♑13'20	
direct	-3439 Feb 21 j 06:03	15°♑36'47	
desc. node	-3439 Feb 24 j 12:33	16°♑03'36	
morning max el	-3439 Mar 07 j 12:35	23°♑10'38	26°37'49
	-3439 Mar 13 j 15:26	0°♒	
	-3439 Apr 01 j 07:44	0°♓	
morning set	-3439 Apr 05 j 23:50	9°♓26'12	
asc. node	-3439 Apr 11 j 09:40	21°♓02'49	
superior conj	-3439 Apr 13 j 01:39	24°♓41'32	0°17'23
minimum elong	-3439 Apr 13 j 00:53	24°♓37'20	0°17'13
max. Earth dist.	-3439 Apr 13 j 03:49	24°♓53'26	1.32574 AU
	-3439 Apr 15 j 11:56	0°♈	
evening rise	-3439 Apr 20 j 02:35	9°♈51'10	
	-3439 Apr 30 j 14:47	0°♉	
evening max el	-3439 May 19 j 16:59	26°♉04'13	26°34'03
desc. node	-3439 May 23 j 11:25	29°♉17'25	
	-3439 May 24 j 11:06	0°♊	
retrograde	-3439 Jun 02 j 18:25	3°♊22'59	
evening set	-3439 Jun 09 j 06:41	1°♊34'30	
	-3439 Jun 11 j 18:45	30°℞♉	
min. Earth dist.	-3439 Jun 13 j 06:22	28°♉54'00	0.59974 AU
inferior conj	-3439 Jun 16 j 15:01	26°♉11'21	-4°-22'-43
minimum elong	-3439 Jun 16 j 15:05	26°♉11'11	4°22'39
morning rise	-3439 Jun 24 j 02:56	21°♉32'24	
direct	-3439 Jun 26 j 14:24	21°♉09'39	
morning max el	-3439 Jul 04 j 00:54	24°♉45'29	18°15'32
asc. node	-3439 Jul 08 j 09:08	29°♉56'01	
	-3439 Jul 08 j 10:16	0°♊	
morning set	-3439 Jul 20 j 00:18	20°♊04'15	
	-3439 Jul 25 j 06:42	0°♋	
superior conj	-3439 Jul 29 j 13:58	7°♋55'54	1°45'26
minimum elong	-3439 Jul 29 j 16:06	8°♋05'35	1°45'29
max. Earth dist.	-3439 Aug 06 j 02:25	21°♋10'03	1.40847 AU
evening rise	-3439 Aug 11 j 02:45	29°♋32'24	
	-3439 Aug 11 j 09:30	0°♌	
desc. node	-3439 Aug 19 j 10:38	12°♌43'56	
	-3439 Aug 31 j 05:05	0°♍	
greatest brilliancy	-3439 Sep 08 j 23:02	11°♍30'42	-0.3m
evening max el	-3439 Sep 14 j 04:59	17°♍23'39	23°02'39
retrograde	-3439 Sep 24 j 07:43	23°♍23'09	
evening set	-3439 Sep 29 j 02:50	21°♍25'26	
inferior conj	-3439 Oct 04 j 11:20	15°♍04'55	0°02'43
minimum elong	-3439 Oct 04 j 11:16	15°♍05'09	0°02'43
transit middle	-3439 Oct 04 j 11:16	15°♍05'09	0°02'43
transit begin	-3439 Oct 04 j 08:36	15°♍14'19	
transit end	-3439 Oct 04 j 13:56	14°♍55'58	
min. Earth dist.	-3439 Oct 04 j 05:56	15°♍23'29	0.67457 AU
asc. node	-3439 Oct 04 j 08:10	15°♍15'47	
morning rise	-3439 Oct 09 j 19:40	8°♍50'44	
direct	-3439 Oct 14 j 01:58	7°♍10'45	
morning max el	-3439 Oct 23 j 00:33	12°♍28'17	21°41'33
greatest brilliancy	-3439 Oct 28 j 00:39	18°♍12'10	-0.4m
	-3439 Nov 05 j 18:04	0°♎	
desc. node	-3439 Nov 15 j 10:17	14°♎16'39	
morning set	-3439 Nov 23 j 17:32	27°♎09'55	
	-3439 Nov 25 j 12:09	0°♏	
max. Earth dist.	-3439 Nov 30 j 13:48	8°♏15'36	1.41768 AU
superior conj	-3439 Dec 08 j 02:58	21°♏04'49	-1°-52'-3
minimum elong	-3439 Dec 08 j 00:10	20°♏52'35	1°52'03
	-3439 Dec 13 j 03:48	0°♐	
evening rise	-3439 Dec 18 j 23:30	10°♐36'07	
	-3439 Dec 30 j 02:56	0°♑	
asc. node	-3439 Dec 31 j 07:13	1°♑43'37	
evening max el	-3438 Jan 04 j 09:42	6°♑43'01	18°10'31
retrograde	-3438 Jan 11 j 06:26	10°♑12'08	
evening set	-3438 Jan 13 j 20:45	9°♑42'49	
inferior conj	-3438 Jan 20 j 17:39	4°♑48'55	4°01'04
minimum elong	-3438 Jan 20 j 17:56	4°♑48'15	4°00'56
min. Earth dist.	-3438 Jan 23 j 22:30	1°♑53'22	0.60709 AU
	-3438 Jan 26 j 06:18	30°℞♐	
morning rise	-3438 Jan 27 j 12:26	29°♐07'56	
direct	-3438 Feb 03 j 08:37	26°♐54'36	
desc. node	-3438 Feb 11 j 09:38	29°♐37'31	
	-3438 Feb 11 j 23:21	0°♑	
morning max el	-3438 Feb 17 j 11:54	4°♑36'04	27°28'27
	-3438 Mar 08 j 08:39	0°♒	
morning set	-3438 Mar 21 j 07:37	24°♒12'50	
	-3438 Mar 24 j 01:50	0°♓	
max. Earth dist.	-3438 Mar 27 j 16:48	7°♓49'15	1.32585 AU
superior conj	-3438 Mar 28 j 13:06	9°♓40'04	0°-7'-40
minimum elong	-3438 Mar 28 j 13:27	9°♓41'58	0°07'39
behind sun begin	-3438 Mar 28 j 09:01	9°♓17'43	
behind sun end	-3438 Mar 28 j 17:53	10°♓06'14	
asc. node	-3438 Mar 29 j 06:40	11°♓16'02	
evening rise	-3438 Apr 04 j 13:02	24°♓47'56	
	-3438 Apr 07 j 01:23	0°♈	
	-3438 Apr 25 j 00:01	0°♉	
evening max el	-3438 May 01 j 12:58	7°♉21'28	25°23'24
desc. node	-3438 May 10 j 08:30	13°♉27'54	
retrograde	-3438 May 15 j 14:31	14°♉32'15	
evening set	-3438 May 21 j 01:40	13°♉22'18	
min. Earth dist.	-3438 May 26 j 01:13	10°♉34'47	0.57975 AU
inferior conj	-3438 May 29 j 05:40	8°♉21'31	-4°-6'-22
minimum elong	-3438 May 29 j 02:04	8°♉27'51	4°05'52
morning rise	-3438 Jun 06 j 06:28	4°♉04'04	
direct	-3438 Jun 08 j 18:03	3°♉45'02	
morning max el	-3438 Jun 17 j 05:37	7°♉43'57	18°53'40
asc. node	-3438 Jun 25 j 06:12	18°♉19'58	
	-3438 Jul 01 j 16:38	0°♊	
morning set	-3438 Jul 03 j 18:42	4°♊03'21	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3438 Jul	12 j 09:43	20°♊52'26	1°48'53
minimum elong	-3438 Jul	12 j 09:28	20°♊51'13	1°49'00
	-3438 Jul	17 j 07:03	0°♋	
max. Earth dist.	-3438 Jul	19 j 04:55	3°♋27'16	1.38892 AU
evening rise	-3438 Jul	23 j 04:52	10°♋28'16	
	-3438 Aug	04 j 05:54	0°♌	
desc. node	-3438 Aug	06 j 07:38	3°♌08'07	
	-3438 Aug	26 j 20:05	0°♍	
evening max el	-3438 Aug	27 j 16:52	0°♍52'37	24°23'01
retrograde	-3438 Sep	07 j 21:53	7°♍26'49	
evening set	-3438 Sep	13 j 07:57	5°♍09'40	
	-3438 Sep	17 j 20:07	30°℞♌	
min. Earth dist.	-3438 Sep	18 j 01:27	29°♌42'08	0.67269 AU
inferior conj	-3438 Sep	18 j 17:17	28°♌48'53	0°-51'-5
minimum elong	-3438 Sep	18 j 18:29	28°♌44'50	0°50'32
asc. node	-3438 Sep	21 j 05:18	25°♌35'30	
morning rise	-3438 Sep	24 j 05:17	22°♌40'41	
direct	-3438 Sep	27 j 22:54	21°♌20'46	
morning max el	-3438 Oct	05 j 21:32	25°♌58'33	20°26'28
	-3438 Oct	09 j 10:40	0°♍	
greatest brilliancy	-3438 Oct	12 j 09:32	3°♍48'33	-0.5m
	-3438 Oct	30 j 05:12	0°♎	
desc. node	-3438 Nov	02 j 07:16	4°♎45'25	
morning set	-3438 Nov	02 j 17:13	5°♎24'00	
max. Earth dist.	-3438 Nov	12 j 22:17	21°♎30'39	1.43413 AU
	-3438 Nov	18 j 03:23	0°♏	
superior conj	-3438 Nov	18 j 22:06	1°♏17'19	-1°-33'-21
minimum elong	-3438 Nov	18 j 15:40	0°♏50'42	1°32'54
evening rise	-3438 Dec	01 j 11:53	22°♏44'35	
	-3438 Dec	05 j 15:38	0°♐	
asc. node	-3438 Dec	18 j 04:18	19°♐08'59	
evening max el	-3438 Dec	18 j 21:49	19°♐55'01	18°10'01
retrograde	-3438 Dec	25 j 11:11	23°♐23'38	
evening set	-3438 Dec	28 j 04:41	22°♐46'24	
inferior conj	-3437 Jan	03 j 14:22	17°♐31'06	3°54'40
minimum elong	-3437 Jan	03 j 12:34	17°♐35'48	3°54'22
min. Earth dist.	-3437 Jan	06 j 06:51	14°♐43'24	0.62637 AU
morning rise	-3437 Jan	09 j 18:33	11°♐36'47	
direct	-3437 Jan	16 j 19:54	8°♐57'42	
desc. node	-3437 Jan	29 j 06:42	15°♐20'33	
morning max el	-3437 Jan	30 j 17:15	16°♐42'41	27°43'14
	-3437 Feb	10 j 18:42	0°♑	
	-3437 Feb	28 j 23:59	0°♒	
morning set	-3437 Mar	05 j 10:09	8°♒40'33	
max. Earth dist.	-3437 Mar	11 j 02:02	20°♒29'02	1.32958 AU
superior conj	-3437 Mar	12 j 22:45	24°♒29'35	0°-32'-59
minimum elong	-3437 Mar	13 j 00:15	24°♒37'37	0°32'46
	-3437 Mar	15 j 11:45	0°♓	
asc. node	-3437 Mar	16 j 03:41	1°♓26'18	
evening rise	-3437 Mar	20 j 00:44	9°♓44'29	
	-3437 Mar	30 j 14:19	0°♈	
evening max el	-3437 Apr	13 j 04:46	18°♈08'17	23°53'51
retrograde	-3437 Apr	26 j 22:36	25°♈00'54	
desc. node	-3437 Apr	27 j 05:36	25°♈00'42	
evening set	-3437 May	01 j 01:31	24°♈23'17	
min. Earth dist.	-3437 May	07 j 16:07	21°♈14'49	0.56306 AU
inferior conj	-3437 May	10 j 00:08	19°♈49'06	-3°-12'-1
minimum elong	-3437 May	09 j 18:03	19°♈58'27	3°10'32
morning rise	-3437 May	18 j 14:23	15°♈48'22	
direct	-3437 May	21 j 02:39	15°♈32'04	
morning max el	-3437 May	31 j 01:25	20°♈08'46	19°52'25
	-3437 Jun	07 j 20:23	0°♉	
asc. node	-3437 Jun	12 j 03:14	7°♉20'10	
morning set	-3437 Jun	17 j 20:56	18°♉28'21	
	-3437 Jun	23 j 13:20	0°♊	

superior conj	-3437 Jun	25 j 20:11	4°♊35'08	1°43'27
minimum elong	-3437 Jun	25 j 18:21	4°♊26'02	1°43'27
max. Earth dist.	-3437 Jul	01 j 08:24	15°♊17'26	1.37008 AU
evening rise	-3437 Jul	05 j 07:17	22°♊36'15	
	-3437 Jul	09 j 11:49	0°♋	
desc. node	-3437 Jul	24 j 04:40	23°♋15'35	
	-3437 Jul	29 j 00:29	0°♌	
evening max el	-3437 Aug	10 j 03:34	14°♌23'54	25°37'10
retrograde	-3437 Aug	22 j 07:45	21°♌24'49	
evening set	-3437 Aug	28 j 08:53	18°♌50'47	
min. Earth dist.	-3437 Sep	01 j 17:38	14°♌00'13	0.66760 AU
inferior conj	-3437 Sep	02 j 20:43	12°♌33'05	-1°-44'-6
minimum elong	-3437 Sep	02 j 23:09	12°♌25'16	1°43'03
asc. node	-3437 Sep	08 j 02:26	6°♌53'39	
morning rise	-3437 Sep	08 j 14:01	6°♌33'58	
direct	-3437 Sep	11 j 21:04	5°♌31'11	
morning max el	-3437 Sep	19 j 01:49	9°♌37'40	19°24'24
greatest brilliancy	-3437 Sep	28 j 16:58	22°♌11'51	-0.7m
	-3437 Oct	03 j 20:57	0°♍	
morning set	-3437 Oct	12 j 19:53	13°♍53'38	
desc. node	-3437 Oct	20 j 04:14	25°♍22'47	
	-3437 Oct	23 j 02:50	0°♎	
max. Earth dist.	-3437 Oct	26 j 12:43	5°♎22'58	1.44484 AU
superior conj	-3437 Oct	29 j 14:13	10°♎14'48	0°-57'-41
minimum elong	-3437 Oct	29 j 07:40	9°♎48'39	0°56'56
	-3437 Nov	10 j 18:25	0°♏	
evening rise	-3437 Nov	13 j 03:37	3°♏56'56	
	-3437 Nov	29 j 15:15	0°♐	
evening max el	-3437 Dec	02 j 10:17	3°♐15'28	18°28'15
asc. node	-3437 Dec	05 j 01:24	5°♐30'54	
retrograde	-3437 Dec	09 j 00:47	6°♐54'23	
evening set	-3437 Dec	11 j 22:33	6°♐07'54	
inferior conj	-3437 Dec	17 j 23:30	0°♐33'36	3°31'18
minimum elong	-3437 Dec	17 j 20:37	0°♐41'57	3°30'39
	-3437 Dec	18 j 11:04	30°℞♏	
min. Earth dist.	-3437 Dec	20 j 01:17	28°♏09'46	0.64288 AU
morning rise	-3437 Dec	23 j 17:20	24°♏29'34	
direct	-3437 Dec	30 j 14:32	21°♏39'25	
morning max el	-3436 Jan	13 j 02:11	29°♏22'27	27°22'35
	-3436 Jan	13 j 17:07	0°♐	
desc. node	-3436 Jan	16 j 03:45	2°♐36'44	
	-3436 Feb	04 j 15:30	0°♑	
morning set	-3436 Feb	17 j 04:39	22°♑39'49	
	-3436 Feb	20 j 20:29	0°♒	
max. Earth dist.	-3436 Feb	22 j 03:26	2°♒39'19	1.33724 AU
superior conj	-3436 Feb	25 j 04:43	9°♒03'28	0°-57'-37
minimum elong	-3436 Feb	25 j 07:13	9°♒16'42	0°57'17
asc. node	-3436 Mar	02 j 00:43	21°♒29'10	
evening rise	-3436 Mar	03 j 11:51	24°♒34'08	
	-3436 Mar	06 j 03:09	0°♓	
evening max el	-3436 Mar	24 j 22:20	28°♓51'14	22°19'40
	-3436 Mar	26 j 04:27	0°♈	
retrograde	-3436 Apr	06 j 18:54	5°♈07'42	
evening set	-3436 Apr	09 j 17:37	4°♈48'33	
desc. node	-3436 Apr	13 j 02:42	3°♈43'54	
min. Earth dist.	-3436 Apr	18 j 06:07	1°♈06'41	0.55304 AU
inferior conj	-3436 Apr	19 j 01:41	0°♈38'55	-1°-37'-42
minimum elong	-3436 Apr	18 j 21:21	0°♈45'04	1°36'18
	-3436 Apr	20 j 05:16	30°℞♓	
morning rise	-3436 Apr	28 j 02:59	26°♓42'06	
direct	-3436 Apr	30 j 19:08	26°♓25'50	
	-3436 May	10 j 04:55	0°♈	
morning max el	-3436 May	12 j 10:35	1°♈53'25	21°10'34
asc. node	-3436 May	29 j 00:16	26°♈47'44	
	-3436 May	30 j 14:47	0°♉	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3436 Jun 01 j 04:29	3°♉12'16	
superior conj	-3436 Jun 08 j 17:01	18°♉51'22	1°31'26
minimum elong	-3436 Jun 08 j 14:27	18°♉38'08	1°31'15
max. Earth dist.	-3436 Jun 12 j 18:40	27°♉07'02	1.35390 AU
	-3436 Jun 14 j 05:41	0°♊	
evening rise	-3436 Jun 17 j 05:00	5°♊43'32	
	-3436 Jul 01 j 05:57	0°♋	
desc. node	-3436 Jul 10 j 01:42	12°♋58'58	
evening max el	-3436 Jul 22 j 14:44	27°♋54'37	26°37'08
	-3436 Jul 24 j 21:25	0°♌	
retrograde	-3436 Aug 04 j 12:53	5°♌11'31	
evening set	-3436 Aug 11 j 03:28	2°♌26'41	
	-3436 Aug 13 j 15:28	30°℞♋	
min. Earth dist.	-3436 Aug 15 j 04:11	28°♋14'35	0.65900 AU
inferior conj	-3436 Aug 16 j 19:43	26°♋15'24	-2°-34'-21
minimum elong	-3436 Aug 16 j 23:08	26°♋05'05	2°33'05
morning rise	-3436 Aug 22 j 19:51	20°♋28'26	
asc. node	-3436 Aug 24 j 23:31	19°♋42'55	
direct	-3436 Aug 25 j 18:42	19°♋39'19	
morning max el	-3436 Sep 01 j 12:04	23°♋23'24	18°37'46
	-3436 Sep 06 j 20:04	0°♌	
morning set	-3436 Sep 21 j 21:04	23°♌32'00	
	-3436 Sep 25 j 21:48	0°♍	
desc. node	-3436 Oct 06 j 01:13	16°♍05'49	
superior conj	-3436 Oct 07 j 14:31	18°♍32'44	0°-9'-53
minimum elong	-3436 Oct 07 j 13:12	18°♍27'35	0°09'42
behind sun begin	-3436 Oct 07 j 03:56	17°♍51'06	
behind sun end	-3436 Oct 07 j 22:28	19°♍04'04	
max. Earth dist.	-3436 Oct 08 j 06:15	19°♍34'41	1.44862 AU
	-3436 Oct 14 j 21:04	0°♎	
evening rise	-3436 Oct 23 j 19:03	14°♎06'48	
	-3436 Nov 02 j 19:35	0°♏	
evening max el	-3436 Nov 14 j 20:43	16°♏40'39	19°04'03
asc. node	-3436 Nov 20 j 22:29	20°♏34'23	
retrograde	-3436 Nov 21 j 19:28	20°♏38'42	
evening set	-3436 Nov 24 j 23:20	19°♏40'55	
inferior conj	-3436 Nov 30 j 17:41	13°♏50'37	2°56'22
minimum elong	-3436 Nov 30 j 14:34	14°♏00'21	2°55'25
min. Earth dist.	-3436 Dec 02 j 05:07	11°♏59'39	0.65594 AU
morning rise	-3436 Dec 06 j 04:51	7°♏39'41	
direct	-3436 Dec 12 j 15:40	4°♏52'28	
morning max el	-3436 Dec 25 j 11:52	12°♏23'06	26°31'53
desc. node	-3435 Jan 02 j 00:47	20°♏59'03	
	-3435 Jan 08 j 17:27	0°♐	
	-3435 Jan 27 j 05:53	0°♑	
morning set	-3435 Jan 30 j 11:24	5°♑58'53	
max. Earth dist.	-3435 Feb 03 j 17:37	14°♑13'12	1.34932 AU
superior conj	-3435 Feb 08 j 04:46	23°♑14'45	-1°-20'-15
minimum elong	-3435 Feb 08 j 07:55	23°♑30'57	1°19'56
	-3435 Feb 11 j 10:50	0°♒	
evening rise	-3435 Feb 15 j 20:32	9°♒10'34	
asc. node	-3435 Feb 16 j 21:44	11°♒19'51	
	-3435 Feb 27 j 02:04	0°♓	
evening max el	-3435 Mar 06 j 23:44	9°♓56'27	20°53'23
retrograde	-3435 Mar 18 j 08:25	15°♓21'54	
evening set	-3435 Mar 20 j 17:06	15°♓08'44	
inferior conj	-3435 Mar 29 j 20:50	11°♓11'06	0°18'46
minimum elong	-3435 Mar 29 j 21:41	11°♓09'52	0°18'25
desc. node	-3435 Mar 30 j 23:48	10°♓32'33	
min. Earth dist.	-3435 Mar 30 j 20:18	10°♓37'32	0.55210 AU
morning rise	-3435 Apr 08 j 01:02	7°♓00'07	
direct	-3435 Apr 11 j 07:04	6°♓37'05	
morning max el	-3435 Apr 24 j 09:20	12°♓57'33	22°43'50
	-3435 May 07 j 04:12	0°♈	
asc. node	-3435 May 15 j 21:16	16°♈34'51	
morning set	-3435 May 16 j 15:12	18°♈07'55	
	-3435 May 22 j 05:25	0°♉	
superior conj	-3435 May 23 j 20:52	3°♉29'56	1°14'35
minimum elong	-3435 May 23 j 18:15	3°♉16'04	1°14'15
max. Earth dist.	-3435 May 26 j 14:54	9°♉17'03	1.34137 AU
evening rise	-3435 May 31 j 16:49	19°♉34'28	
	-3435 Jun 06 j 04:58	0°♊	
	-3435 Jun 25 j 07:23	0°♋	
desc. node	-3435 Jun 26 j 22:46	2°♋06'56	
evening max el	-3435 Jul 05 j 02:09	11°♋15'17	27°15'13
retrograde	-3435 Jul 18 j 12:34	18°♋38'10	
evening set	-3435 Jul 25 j 12:55	15°♋52'16	
min. Earth dist.	-3435 Jul 29 j 06:55	12°♋17'25	0.64665 AU
inferior conj	-3435 Jul 31 j 11:58	9°♋50'43	-3°-19'-30
minimum elong	-3435 Jul 31 j 15:53	9°♋39'53	3°18'22
morning rise	-3435 Aug 06 j 20:23	4°♋19'05	
direct	-3435 Aug 09 j 13:27	3°♋40'17	
asc. node	-3435 Aug 11 j 20:35	4°♋08'02	
morning max el	-3435 Aug 16 j 01:56	7°♋10'17	18°07'58
	-3435 Aug 31 j 09:35	0°♌	
morning set	-3435 Sep 03 j 01:52	4°♌30'20	
superior conj	-3435 Sep 16 j 20:49	27°♌12'34	0°38'07
minimum elong	-3435 Sep 17 j 01:09	27°♌29'55	0°37'37
	-3435 Sep 18 j 14:38	0°♍	
max. Earth dist.	-3435 Sep 20 j 23:56	3°♍47'57	1.44510 AU
desc. node	-3435 Sep 22 j 22:13	6°♍50'55	
evening rise	-3435 Oct 03 j 11:17	23°♍18'36	
	-3435 Oct 07 j 19:15	0°♎	
greatest brilliancy	-3435 Oct 21 j 16:35	20°♎48'22	-0.6m
	-3435 Oct 28 j 23:59	0°♏	
evening max el	-3435 Oct 29 j 02:56	0°♏07'38	19°55'50
retrograde	-3435 Nov 05 j 16:25	4°♏32'45	
asc. node	-3435 Nov 07 j 19:33	4°♏06'27	
evening set	-3435 Nov 09 j 04:33	3°♏21'05	
	-3435 Nov 12 j 15:28	30°℞♎	
inferior conj	-3435 Nov 14 j 18:05	27°♎17'53	2°13'30
minimum elong	-3435 Nov 14 j 15:23	27°♎26'49	2°12'29
min. Earth dist.	-3435 Nov 15 j 16:33	26°♎03'32	0.66539 AU
morning rise	-3435 Nov 20 j 01:34	21°♎02'43	
direct	-3435 Nov 25 j 22:27	18°♎28'59	
morning max el	-3435 Dec 07 j 20:41	25°♎33'32	25°19'41
	-3435 Dec 11 j 22:36	0°♏	
desc. node	-3435 Dec 19 j 21:50	10°♏08'16	
	-3434 Jan 02 j 06:08	0°♐	
morning set	-3434 Jan 13 j 01:31	18°♐23'23	
max. Earth dist.	-3434 Jan 16 j 20:20	25°♐20'58	1.36584 AU
	-3434 Jan 19 j 07:05	0°♑	
superior conj	-3434 Jan 22 j 20:06	6°♑55'13	-1°-39'-11
minimum elong	-3434 Jan 22 j 23:13	7°♑10'41	1°39'01
evening rise	-3434 Jan 31 j 00:48	23°♑27'47	
	-3434 Feb 03 j 07:46	0°♒	
asc. node	-3434 Feb 03 j 18:44	0°♒53'13	
evening max el	-3434 Feb 17 j 11:41	21°♒36'41	19°42'42
retrograde	-3434 Feb 27 j 03:26	26°♒11'56	
evening set	-3434 Mar 01 j 10:26	25°♒57'36	
inferior conj	-3434 Mar 09 j 23:44	21°♒54'30	2°05'01
minimum elong	-3434 Mar 10 j 04:20	21°♒47'16	2°03'35
min. Earth dist.	-3434 Mar 12 j 10:44	20°♒22'03	0.56040 AU
desc. node	-3434 Mar 17 j 20:53	17°♒35'05	
morning rise	-3434 Mar 18 j 18:54	17°♒16'05	
direct	-3434 Mar 23 j 02:28	16°♒34'27	
morning max el	-3434 Apr 06 j 01:15	23°♒35'13	24°23'10
	-3434 Apr 11 j 19:31	0°♓	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3434 Apr 29 j 14:49	0°♈	
morning set	-3434 May 01 j 03:19	3°♈09'39	
asc. node	-3434 May 02 j 18:17	6°♈35'51	
superior conj	-3434 May 08 j 05:16	18°♈22'57	0°54'12
minimum elong	-3434 May 08 j 03:06	18°♈11'17	0°53'51
max. Earth dist.	-3434 May 09 j 20:13	21°♈52'48	1.33259 AU
	-3434 May 13 j 16:28	0°♉	
evening rise	-3434 May 15 j 14:37	3°♉56'28	
	-3434 May 29 j 22:53	0°♊	
desc. node	-3434 Jun 13 j 19:48	20°♊24'33	
evening max el	-3434 Jun 17 j 11:59	24°♊13'32	27°24'43
	-3434 Jun 25 j 05:23	0°♋	
retrograde	-3434 Jul 01 j 06:02	1°♋36'08	
	-3434 Jul 06 j 21:40	30°℞♊	
evening set	-3434 Jul 08 j 09:51	29°♊01'52	
min. Earth dist.	-3434 Jul 12 j 00:03	25°♊58'34	0.63063 AU
inferior conj	-3434 Jul 14 j 18:45	23°♊13'05	-3°-56'-7
minimum elong	-3434 Jul 14 j 22:16	23°♊04'20	3°55'25
morning rise	-3434 Jul 21 j 12:50	18°♊00'04	
direct	-3434 Jul 24 j 02:25	17°♊28'53	
asc. node	-3434 Jul 29 j 17:39	19°♊59'18	
morning max el	-3434 Jul 30 j 16:53	20°♊53'06	17°56'00
	-3434 Aug 06 j 13:43	0°♋	
morning set	-3434 Aug 16 j 06:34	16°♋36'59	
	-3434 Aug 23 j 22:49	0°♌	
superior conj	-3434 Aug 28 j 02:41	7°♌02'53	1°15'27
minimum elong	-3434 Aug 28 j 08:18	7°♌26'24	1°14'58
max. Earth dist.	-3434 Sep 03 j 15:02	17°♌45'27	1.43479 AU
desc. node	-3434 Sep 09 j 19:11	27°♌34'49	
	-3434 Sep 11 j 08:19	0°♍	
evening rise	-3434 Sep 12 j 15:48	2°♍02'25	
	-3434 Oct 01 j 09:40	0°♎	
greatest brilliancy	-3434 Oct 06 j 14:54	7°♎04'51	-0.5m
evening max el	-3434 Oct 12 j 03:23	13°♎34'09	21°01'09
retrograde	-3434 Oct 20 j 13:26	18°♎33'11	
evening set	-3434 Oct 24 j 12:04	17°♎05'00	
asc. node	-3434 Oct 25 j 16:38	16°♎03'38	
inferior conj	-3434 Oct 29 j 22:25	10°♎52'13	1°25'11
minimum elong	-3434 Oct 29 j 20:33	10°♎58'36	1°24'24
min. Earth dist.	-3434 Oct 30 j 09:20	10°♎14'53	0.67142 AU
morning rise	-3434 Nov 04 j 04:39	4°♎35'17	
direct	-3434 Nov 09 j 10:06	2°♎21'18	
morning max el	-3434 Nov 20 j 05:22	8°♎47'52	23°55'36
desc. node	-3434 Dec 06 j 18:50	29°♎50'15	
	-3434 Dec 06 j 21:32	0°♏	
morning set	-3434 Dec 25 j 16:51	29°♏36'12	
	-3434 Dec 25 j 22:25	0°♐	
max. Earth dist.	-3434 Dec 29 j 16:38	6°♐33'38	1.38571 AU
superior conj	-3433 Jan 05 j 22:54	19°♐53'40	-1°-52'-3
minimum elong	-3433 Jan 06 j 00:53	20°♐03'03	1°52'05
	-3433 Jan 11 j 04:42	0°♑	
evening rise	-3433 Jan 14 j 22:12	7°♑18'29	
asc. node	-3433 Jan 21 j 15:46	20°♑02'13	
	-3433 Jan 28 j 00:24	0°♒	
evening max el	-3433 Jan 31 j 09:31	3°♒50'56	18°51'02
retrograde	-3433 Feb 08 j 14:46	7°♒48'40	
evening set	-3433 Feb 11 j 00:20	7°♒29'46	
inferior conj	-3433 Feb 18 j 20:27	3°♒09'39	3°18'01
minimum elong	-3433 Feb 19 j 00:49	3°♒01'42	3°17'03
min. Earth dist.	-3433 Feb 22 j 02:30	0°♒48'33	0.57591 AU
	-3433 Feb 23 j 07:23	30°℞♑	
morning rise	-3433 Feb 26 j 21:31	28°♑01'31	
direct	-3433 Mar 04 j 10:14	26°♑47'44	
desc. node	-3433 Mar 04 j 17:58	26°♑47'59	
	-3433 Mar 13 j 13:46	0°♒	
morning max el	-3433 Mar 18 j 16:32	4°♒12'38	25°54'48
	-3433 Apr 06 j 06:43	0°♓	
morning set	-3433 Apr 15 j 15:10	18°♓10'40	
asc. node	-3433 Apr 19 j 15:17	26°♓44'59	
	-3433 Apr 21 j 03:04	0°♈	
superior conj	-3433 Apr 22 j 16:12	3°♈22'53	0°31'20
minimum elong	-3433 Apr 22 j 14:51	3°♈15'32	0°31'04
max. Earth dist.	-3433 Apr 23 j 07:27	4°♈46'09	1.32726 AU
evening rise	-3433 Apr 29 j 19:12	18°♈38'19	
	-3433 May 05 j 12:39	0°♉	
	-3433 May 24 j 16:33	0°♊	
evening max el	-3433 May 30 j 17:32	6°♊36'22	27°01'50
desc. node	-3433 May 31 j 16:50	7°♊30'37	
retrograde	-3433 Jun 13 j 16:35	13°♊56'57	
evening set	-3433 Jun 20 j 14:11	11°♊48'03	
min. Earth dist.	-3433 Jun 24 j 07:03	9°♊04'22	0.61152 AU
inferior conj	-3433 Jun 27 j 12:46	6°♊14'50	-4°-18'-56
minimum elong	-3433 Jun 27 j 14:33	6°♊10'55	4°18'42
morning rise	-3433 Jul 04 j 17:50	1°♊23'15	
direct	-3433 Jul 07 j 05:47	0°♊57'45	
morning max el	-3433 Jul 14 j 06:12	4°♊25'49	18°02'51
asc. node	-3433 Jul 16 j 14:43	7°♊01'45	
morning set	-3433 Jul 30 j 05:37	29°♊37'00	
	-3433 Jul 30 j 10:36	0°♋	
superior conj	-3433 Aug 09 j 12:12	18°♋15'58	1°38'23
minimum elong	-3433 Aug 09 j 15:53	18°♋32'11	1°38'15
	-3433 Aug 16 j 08:12	0°♌	
max. Earth dist.	-3433 Aug 17 j 00:55	1°♌09'46	1.41907 AU
evening rise	-3433 Aug 23 j 04:08	11°♌09'39	
desc. node	-3433 Aug 27 j 16:09	18°♌14'26	
	-3433 Sep 04 j 10:30	0°♍	
greatest brilliancy	-3433 Sep 20 j 04:08	21°♍39'59	-0.3m
evening max el	-3433 Sep 24 j 21:42	27°♍00'03	22°16'34
	-3433 Sep 28 j 05:30	0°♎	
retrograde	-3433 Oct 04 j 08:54	2°♎37'39	
evening set	-3433 Oct 08 j 20:04	0°♎50'52	
	-3433 Oct 09 j 18:53	30°℞♍	
asc. node	-3433 Oct 12 j 13:44	26°♍44'55	
inferior conj	-3433 Oct 14 j 04:47	24°♍31'56	0°33'25
minimum elong	-3433 Oct 14 j 04:01	24°♍34'37	0°33'05
min. Earth dist.	-3433 Oct 14 j 05:09	24°♍30'41	0.67428 AU
morning rise	-3433 Oct 19 j 11:49	18°♍16'00	
direct	-3433 Oct 24 j 02:07	16°♍23'53	
morning max el	-3433 Nov 02 j 16:42	22°♍06'47	22°29'10
greatest brilliancy	-3433 Nov 07 j 09:12	27°♍23'25	-0.3m
	-3433 Nov 09 j 11:17	0°♎	
desc. node	-3433 Nov 23 j 15:50	19°♎55'44	
	-3433 Nov 30 j 06:00	0°♏	
morning set	-3433 Dec 06 j 04:13	9°♏26'23	
max. Earth dist.	-3433 Dec 11 j 14:03	18°♏24'53	1.40648 AU
	-3433 Dec 18 j 06:03	0°♐	
superior conj	-3433 Dec 19 j 08:25	1°♐58'03	-1°-55'-39
minimum elong	-3433 Dec 19 j 07:45	1°♐55'06	1°55'46
evening rise	-3433 Dec 29 j 09:49	20°♐36'05	
	-3432 Jan 03 j 11:12	0°♑	
asc. node	-3432 Jan 08 j 12:48	8°♑39'15	
evening max el	-3432 Jan 14 j 15:07	16°♑33'54	18°19'30
retrograde	-3432 Jan 21 j 20:45	20°♑09'32	
evening set	-3432 Jan 24 j 09:13	19°♑44'27	
inferior conj	-3432 Jan 31 j 13:48	15°♑03'09	3°54'12
minimum elong	-3432 Jan 31 j 15:39	14°♑59'13	3°53'55
min. Earth dist.	-3432 Feb 03 j 22:34	12°♑13'03	0.59541 AU
morning rise	-3432 Feb 07 j 18:51	9°♑31'38	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3432 Feb 14 j 06:33	7°♉38'51	
desc. node	-3432 Feb 19 j 15:04	8°♉51'08	
morning max el	-3432 Feb 28 j 12:29	15°♉16'53	27°03'35
	-3432 Mar 11 j 11:14	0°♒	
	-3432 Mar 28 j 13:07	0°♓	
morning set	-3432 Mar 30 j 00:59	3°♓04'39	
asc. node	-3432 Apr 05 j 12:17	16°♓57'54	
superior conj	-3432 Apr 06 j 03:57	18°♓23'40	0°06'51
minimum elong	-3432 Apr 06 j 03:39	18°♓21'59	0°06'46
behind sun begin	-3432 Apr 05 j 23:06	17°♓57'05	
behind sun end	-3432 Apr 06 j 08:12	18°♓46'54	
max. Earth dist.	-3432 Apr 05 j 20:48	17°♓44'30	1.32533 AU
	-3432 Apr 11 j 12:07	0°♈	
evening rise	-3432 Apr 13 j 04:06	3°♈31'34	
	-3432 Apr 27 j 11:10	0°♉	
evening max el	-3432 May 11 j 16:48	18°♉16'09	26°07'01
desc. node	-3432 May 17 j 13:55	22°♉55'31	
retrograde	-3432 May 25 j 18:51	25°♉33'02	
evening set	-3432 May 31 j 21:56	24°♉00'32	
min. Earth dist.	-3432 Jun 05 j 05:31	21°♉19'16	0.59099 AU
inferior conj	-3432 Jun 08 j 14:19	18°♉46'11	-4°-19'-53
minimum elong	-3432 Jun 08 j 12:53	18°♉48'56	4°19'43
morning rise	-3432 Jun 16 j 07:38	14°♉17'05	
direct	-3432 Jun 18 j 19:04	13°♉56'05	
morning max el	-3432 Jun 26 j 14:58	17°♉39'49	18°29'22
asc. node	-3432 Jul 02 j 11:48	24°♉59'49	
	-3432 Jul 05 j 13:38	0°♊	
morning set	-3432 Jul 12 j 18:06	13°♊17'19	
superior conj	-3432 Jul 21 j 21:11	0°♋39'42	1°48'09
minimum elong	-3432 Jul 21 j 22:13	0°♋44'31	1°48'15
	-3432 Jul 21 j 12:38	0°♋	
max. Earth dist.	-3432 Jul 29 j 04:49	13°♋48'49	1.40014 AU
evening rise	-3432 Aug 02 j 15:05	21°♋21'33	
	-3432 Aug 07 j 22:11	0°♌	
desc. node	-3432 Aug 13 j 13:08	8°♌45'35	
	-3432 Aug 28 j 12:38	0°♍	
evening max el	-3432 Sep 06 j 11:05	10°♍26'43	23°37'03
retrograde	-3432 Sep 17 j 01:24	16°♍42'28	
evening set	-3432 Sep 22 j 02:45	14°♍36'16	
inferior conj	-3432 Sep 27 j 11:23	8°♍14'55	0°-20'-7
minimum elong	-3432 Sep 27 j 11:51	8°♍13'18	0°19'53
min. Earth dist.	-3432 Sep 27 j 01:33	8°♍48'32	0.67412 AU
asc. node	-3432 Sep 28 j 10:52	6°♍55'11	
morning rise	-3432 Oct 02 j 21:05	2°♍02'49	
direct	-3432 Oct 06 j 21:37	0°♍31'53	
morning max el	-3432 Oct 15 j 09:35	5°♍32'05	21°08'10
greatest brilliancy	-3432 Oct 20 j 22:06	11°♍58'40	-0.5m
	-3432 Nov 02 j 17:18	0°♎	
desc. node	-3432 Nov 09 j 12:49	10°♎17'19	
morning set	-3432 Nov 14 j 12:54	18°♎02'28	
	-3432 Nov 22 j 00:48	0°♏	
max. Earth dist.	-3432 Nov 22 j 17:24	1°♏07'40	1.42525 AU
superior conj	-3432 Nov 29 j 18:55	12°♏54'11	-1°-46'-10
minimum elong	-3432 Nov 29 j 14:25	12°♏35'03	1°46'00
	-3432 Dec 09 j 13:08	0°♐	
evening rise	-3432 Dec 11 j 07:54	3°♐11'57	
asc. node	-3432 Dec 25 j 09:52	26°♐34'20	
evening max el	-3432 Dec 28 j 01:40	29°♐37'38	18°07'58
	-3432 Dec 28 j 10:53	0°♑	
retrograde	-3431 Jan 03 j 18:19	3°♑05'14	
evening set	-3431 Jan 06 j 09:47	2°♑32'51	
	-3431 Jan 10 j 08:37	30°℞♐	
inferior conj	-3431 Jan 13 j 01:37	27°♐29'53	4°00'49
minimum elong	-3431 Jan 13 j 00:53	27°♐31'38	4°00'40
min. Earth dist.	-3431 Jan 16 j 01:55	24°♐34'51	0.61553 AU
morning rise	-3431 Jan 19 j 13:36	21°♐42'28	
direct	-3431 Jan 26 j 13:18	19°♐16'09	
desc. node	-3431 Feb 05 j 12:11	23°♐24'31	
morning max el	-3431 Feb 09 j 14:38	27°♐00'37	27°39'13
	-3431 Feb 12 j 11:15	0°♑	
	-3431 Mar 05 j 00:26	0°♒	
morning set	-3431 Mar 14 j 06:52	17°♒44'46	
	-3431 Mar 20 j 02:06	0°♓	
max. Earth dist.	-3431 Mar 20 j 08:32	0°♓34'48	1.32689 AU
superior conj	-3431 Mar 21 j 14:54	3°♓19'42	0°-18'-25
minimum elong	-3431 Mar 21 j 15:44	3°♓24'15	0°18'19
asc. node	-3431 Mar 23 j 09:18	7°♓10'44	
evening rise	-3431 Mar 28 j 15:19	18°♓29'19	
	-3431 Apr 03 j 08:13	0°♈	
evening max el	-3431 Apr 23 j 10:29	29°♈18'28	24°46'53
	-3431 Apr 24 j 04:13	0°♉	
desc. node	-3431 May 04 j 11:01	6°♉03'24	
retrograde	-3431 May 07 j 10:35	6°♉24'02	
evening set	-3431 May 12 j 08:03	5°♉29'26	
min. Earth dist.	-3431 May 17 j 22:37	2°♉34'12	0.57193 AU
inferior conj	-3431 May 20 j 20:27	0°♉39'14	-3°-48'-28
minimum elong	-3431 May 20 j 15:28	0°♉47'32	3°47'33
	-3431 May 21 j 20:22	30°℞♈	
morning rise	-3431 May 29 j 03:00	26°♈29'53	
direct	-3431 May 31 j 14:31	26°♈12'20	
	-3431 Jun 09 j 04:52	0°♉	
morning max el	-3431 Jun 09 j 16:18	0°♉26'00	19°16'12
asc. node	-3431 Jun 19 j 08:51	13°♉40'53	
morning set	-3431 Jun 26 j 16:14	27°♉28'45	
	-3431 Jun 27 j 22:38	0°♊	
superior conj	-3431 Jul 04 j 23:51	13°♊58'08	1°47'30
minimum elong	-3431 Jul 04 j 22:49	13°♊53'07	1°47'36
max. Earth dist.	-3431 Jul 11 j 06:34	25°♊50'19	1.38065 AU
	-3431 Jul 13 j 13:45	0°♋	
evening rise	-3431 Jul 15 j 04:09	2°♋50'13	
desc. node	-3431 Jul 31 j 10:08	29°♋03'37	
	-3431 Aug 01 j 01:27	0°♌	
evening max el	-3431 Aug 19 j 22:14	23°♌57'19	24°55'47
	-3431 Aug 28 j 03:11	0°♍	
retrograde	-3431 Aug 31 j 13:57	0°♍44'28	
	-3431 Sep 03 j 18:42	30°℞♌	
evening set	-3431 Sep 06 j 06:21	28°♌19'53	
min. Earth dist.	-3431 Sep 10 j 20:05	23°♌07'29	0.67093 AU
inferior conj	-3431 Sep 11 j 16:31	21°♌59'50	-1°-13'-47
minimum elong	-3431 Sep 11 j 18:15	21°♌54'04	1°12'59
asc. node	-3431 Sep 15 j 08:00	17°♌34'26	
morning rise	-3431 Sep 17 j 06:34	15°♌54'48	
direct	-3431 Sep 20 j 19:23	14°♌42'32	
morning max el	-3431 Sep 28 j 09:40	19°♌06'13	19°58'10
greatest brilliancy	-3431 Oct 05 j 22:06	28°♌26'09	-0.6m
	-3431 Oct 07 j 00:49	0°♍	
morning set	-3431 Oct 24 j 10:43	26°♍14'14	
	-3431 Oct 26 j 20:53	0°♎	
desc. node	-3431 Oct 27 j 09:47	0°♎50'14	
max. Earth dist.	-3431 Nov 05 j 04:13	14°♎38'59	1.43951 AU
superior conj	-3431 Nov 10 j 02:11	22°♎33'38	-1°-20'-13
minimum elong	-3431 Nov 09 j 19:01	22°♎04'35	1°19'32
	-3431 Nov 14 j 15:03	0°♏	
evening rise	-3431 Nov 23 j 12:00	14°♏57'19	
	-3431 Dec 02 j 09:02	0°♐	
evening max el	-3431 Dec 11 j 14:19	12°♐54'24	18°15'37
asc. node	-3431 Dec 12 j 06:58	13°♐34'49	
retrograde	-3431 Dec 18 j 03:09	16°♐25'53	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3431 Dec 20 j 22:20	15°♐44'55	
inferior conj	-3431 Dec 27 j 04:02	10°♐21'30	3°46'26
minimum elong	-3431 Dec 27 j 01:39	10°♐28'01	3°45'59
min. Earth dist.	-3431 Dec 29 j 14:29	7°♐42'15	0.63383 AU
morning rise	-3430 Jan 02 j 03:21	4°♐22'53	
direct	-3430 Jan 09 j 04:05	1°♐36'56	
morning max el	-3430 Jan 22 j 21:37	9°♐22'00	27°38'29
desc. node	-3430 Jan 23 j 09:15	9°♐51'05	
	-3430 Feb 08 j 01:05	0°♑	
	-3430 Feb 25 j 05:47	0°♒	
morning set	-3430 Feb 26 j 06:19	2°♒01'39	
max. Earth dist.	-3430 Mar 03 j 14:43	13°♒02'47	1.33229 AU
superior conj	-3430 Mar 05 j 23:13	18°♒03'44	0°-43'-35
minimum elong	-3430 Mar 06 j 01:09	18°♒14'09	0°43'19
asc. node	-3430 Mar 10 j 06:18	27°♒18'38	
	-3430 Mar 11 j 12:27	0°♓	
evening rise	-3430 Mar 13 j 02:57	3°♓23'56	
	-3430 Mar 27 j 19:15	0°♈	
evening max el	-3430 Apr 05 j 02:26	10°♈01'04	23°13'38
retrograde	-3430 Apr 18 j 13:11	16°♈39'58	
desc. node	-3430 Apr 21 j 08:09	16°♈22'48	
evening set	-3430 Apr 22 j 02:41	16°♈12'13	
min. Earth dist.	-3430 Apr 29 j 13:03	12°♈51'16	0.55781 AU
inferior conj	-3430 May 01 j 06:57	11°♈49'45	-2°-36'-24
minimum elong	-3430 May 01 j 01:00	11°♈58'31	2°34'43
morning rise	-3430 May 10 j 02:25	7°♈52'15	
direct	-3430 May 12 j 15:41	7°♈36'22	
morning max el	-3430 May 23 j 07:36	12°♈33'58	20°23'24
	-3430 Jun 04 j 16:31	0°♉	
asc. node	-3430 Jun 06 j 05:52	2°♉53'43	
morning set	-3430 Jun 10 j 21:00	12°♉02'34	
superior conj	-3430 Jun 18 j 15:08	27°♉56'05	1°39'02
minimum elong	-3430 Jun 18 j 12:54	27°♉44'47	1°38'57
	-3430 Jun 19 j 15:43	0°♊	
max. Earth dist.	-3430 Jun 23 j 12:28	7°♊37'29	1.36283 AU
evening rise	-3430 Jun 27 j 15:27	15°♊25'21	
	-3430 Jul 05 j 22:49	0°♋	
desc. node	-3430 Jul 18 j 07:10	19°♋01'53	
	-3430 Jul 26 j 14:24	0°♌	
evening max el	-3430 Aug 02 j 09:17	7°♌30'04	26°04'58
retrograde	-3430 Aug 14 j 21:44	14°♌38'26	
evening set	-3430 Aug 21 j 04:51	11°♌59'11	
min. Earth dist.	-3430 Aug 25 j 10:13	7°♌24'44	0.66440 AU
inferior conj	-3430 Aug 26 j 18:20	5°♌44'00	-2°-5'-51
minimum elong	-3430 Aug 26 j 21:13	5°♌34'55	2°04'41
	-3430 Sep 01 j 07:35	30°℞♋	
morning rise	-3430 Sep 01 j 14:20	29°♋49'27	
asc. node	-3430 Sep 02 j 05:06	29°♋29'24	
direct	-3430 Sep 04 j 17:41	28°♋52'43	
	-3430 Sep 08 j 07:05	0°♌	
morning max el	-3430 Sep 11 j 16:38	2°♌48'26	19°02'33
	-3430 Sep 30 j 14:50	0°♍	
morning set	-3430 Oct 03 j 21:32	5°♍10'07	
desc. node	-3430 Oct 14 j 06:45	21°♍30'43	
max. Earth dist.	-3430 Oct 18 j 20:44	28°♍43'46	1.44739 AU
	-3430 Oct 19 j 16:04	0°♎	
superior conj	-3430 Oct 20 j 09:28	1°♎08'44	0°-38'-18
minimum elong	-3430 Oct 20 j 04:37	0°♎49'36	0°37'41
evening rise	-3430 Nov 04 j 17:44	25°♎44'17	
	-3430 Nov 07 j 08:29	0°♏	
evening max el	-3430 Nov 25 j 02:18	26°♏18'20	18°41'26
asc. node	-3430 Nov 29 j 04:03	29°♏26'05	
	-3430 Nov 30 j 23:04	0°♐	
retrograde	-3430 Dec 01 j 19:17	0°♐03'58	
	-3430 Dec 02 j 15:22	30°℞♏	
evening set	-3430 Dec 04 j 19:31	29°♏12'47	
inferior conj	-3430 Dec 10 j 17:24	23°♏31'15	3°17'40
minimum elong	-3430 Dec 10 j 14:20	23°♏40'28	3°16'50
min. Earth dist.	-3430 Dec 12 j 12:53	21°♏20'57	0.64893 AU
morning rise	-3430 Dec 16 j 08:03	17°♏24'15	
direct	-3430 Dec 23 j 01:30	14°♏34'01	
morning max el	-3429 Jan 05 j 07:03	22°♏12'18	27°04'15
desc. node	-3429 Jan 10 j 06:17	27°♏38'38	
	-3429 Jan 12 j 04:47	0°♐	
	-3429 Feb 01 j 05:37	0°♑	
morning set	-3429 Feb 09 j 20:17	15°♑45'28	
max. Earth dist.	-3429 Feb 14 j 11:45	24°♑58'38	1.34190 AU
	-3429 Feb 16 j 22:20	0°♒	
superior conj	-3429 Feb 18 j 02:57	2°♒29'17	-1°-7'-33
minimum elong	-3429 Feb 18 j 05:47	2°♒44'08	1°07'12
asc. node	-3429 Feb 25 j 03:18	17°♒17'18	
evening rise	-3429 Feb 25 j 13:16	18°♒09'15	
	-3429 Mar 03 j 11:57	0°♓	
evening max el	-3429 Mar 17 j 22:43	20°♓50'50	21°41'20
retrograde	-3429 Mar 30 j 04:55	26°♓46'13	
evening set	-3429 Apr 01 j 20:08	26°♓30'37	
desc. node	-3429 Apr 08 j 05:14	24°♓05'16	
inferior conj	-3429 Apr 11 j 04:01	22°♓28'17	0°-49'-10
minimum elong	-3429 Apr 11 j 01:43	22°♓31'30	0°48'24
min. Earth dist.	-3429 Apr 11 j 02:42	22°♓30'07	0.55156 AU
morning rise	-3429 Apr 20 j 07:57	18°♓27'58	
direct	-3429 Apr 23 j 04:44	18°♓09'50	
morning max el	-3429 May 05 j 11:56	23°♓59'50	21°48'48
	-3429 May 10 j 20:22	0°♈	
asc. node	-3429 May 24 j 02:52	22°♈30'17	
morning set	-3429 May 26 j 06:05	26°♈52'07	
	-3429 May 27 j 18:09	0°♉	
superior conj	-3429 Jun 02 j 15:14	12°♉22'29	1°24'46
minimum elong	-3429 Jun 02 j 12:35	12°♉08'36	1°24'31
max. Earth dist.	-3429 Jun 06 j 03:06	19°♉35'02	1.34815 AU
evening rise	-3429 Jun 10 j 19:40	28°♉52'20	
	-3429 Jun 11 j 09:47	0°♊	
	-3429 Jun 29 j 02:47	0°♋	
desc. node	-3429 Jul 05 j 04:13	8°♋31'31	
evening max el	-3429 Jul 15 j 20:42	20°♋57'37	26°56'27
retrograde	-3429 Jul 29 j 00:22	28°♋17'24	
evening set	-3429 Aug 04 j 19:52	25°♋30'40	
min. Earth dist.	-3429 Aug 08 j 17:31	21°♋35'00	0.65422 AU
inferior conj	-3429 Aug 10 j 14:43	19°♋23'29	-2°-54'-18
minimum elong	-3429 Aug 10 j 18:26	19°♋12'39	2°53'04
morning rise	-3429 Aug 16 j 18:12	13°♋42'47	
direct	-3429 Aug 19 j 14:24	12°♋58'19	
asc. node	-3429 Aug 20 j 02:10	12°♋59'38	
morning max el	-3429 Aug 26 j 04:43	16°♋35'01	18°23'03
	-3429 Sep 04 j 23:28	0°♌	
morning set	-3429 Sep 14 j 10:33	15°♌23'11	
	-3429 Sep 23 j 10:50	0°♍	
superior conj	-3429 Sep 29 j 09:22	9°♍27'33	0°11'15
minimum elong	-3429 Sep 29 j 10:49	9°♍33'17	0°11'06
behind sun begin	-3429 Sep 29 j 02:32	9°♍00'30	
behind sun end	-3429 Sep 29 j 19:06	10°♍06'03	
desc. node	-3429 Oct 01 j 03:43	12°♍14'55	
max. Earth dist.	-3429 Oct 01 j 15:16	13°♍00'30	1.44799 AU
	-3429 Oct 12 j 10:57	0°♎	
evening rise	-3429 Oct 15 j 22:42	5°♎28'14	
greatest brilliancy	-3429 Oct 30 j 01:28	27°♎20'14	-0.7m
	-3429 Oct 31 j 20:55	0°♏	
evening max el	-3429 Nov 08 j 11:08	9°♏44'33	19°24'11

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3429 Nov 15 j 15:20	13°♏53'16	
asc. node	-3429 Nov 16 j 01:08	13°♏52'19	
evening set	-3429 Nov 18 j 22:29	12°♏49'45	
inferior conj	-3429 Nov 24 j 14:32	6°♏53'17	2°38'59
minimum elong	-3429 Nov 24 j 11:33	7°♏02'55	2°37'59
min. Earth dist.	-3429 Nov 25 j 20:10	5°♏18'00	0.66038 AU
morning rise	-3429 Nov 29 j 23:49	0°♏40'14	
	-3429 Nov 30 j 19:17	30°℞♎	
direct	-3429 Dec 06 j 04:52	27°♎58'05	
	-3429 Dec 12 j 06:27	0°♏	
morning max el	-3429 Dec 18 j 16:37	5°♏19'01	26°03'19
desc. node	-3429 Dec 28 j 03:19	16°♏22'54	
	-3428 Jan 06 j 18:08	0°♐	
morning set	-3428 Jan 23 j 20:37	28°♐43'14	
	-3428 Jan 24 j 13:08	0°♑	
max. Earth dist.	-3428 Jan 27 j 21:11	6°♑20'38	1.35592 AU
superior conj	-3428 Feb 01 j 23:38	16°♑28'20	-1°-28'-52
minimum elong	-3428 Feb 02 j 02:53	16°♑44'47	1°28'36
	-3428 Feb 08 j 13:28	0°♒	
evening rise	-3428 Feb 09 j 20:20	2°♒38'25	
asc. node	-3428 Feb 12 j 00:19	7°♒01'30	
	-3428 Feb 26 j 02:32	0°♓	
evening max el	-3428 Feb 28 j 04:18	2°♓09'29	20°20'59
retrograde	-3428 Mar 09 j 19:33	7°♓13'12	
evening set	-3428 Mar 12 j 02:26	7°♓00'09	
inferior conj	-3428 Mar 21 j 00:45	3°♓01'38	1°06'58
minimum elong	-3428 Mar 21 j 03:38	2°♓57'22	1°05'56
min. Earth dist.	-3428 Mar 22 j 16:46	2°♓02'35	0.55458 AU
desc. node	-3428 Mar 25 j 02:18	0°♓42'08	
	-3428 Mar 26 j 12:11	30°℞♒	
morning rise	-3428 Mar 30 j 02:36	28°♒40'10	
direct	-3428 Apr 02 j 18:06	28°♒11'11	
	-3428 Apr 09 j 17:27	0°♓	
morning max el	-3428 Apr 16 j 07:15	4°♓50'34	23°26'12
	-3428 May 03 j 19:15	0°♈	
morning set	-3428 May 09 j 17:36	11°♈51'29	
asc. node	-3428 May 09 j 23:51	12°♈24'14	
superior conj	-3428 May 16 j 21:18	27°♈08'31	1°06'18
minimum elong	-3428 May 16 j 18:50	26°♈55'18	1°05'56
	-3428 May 18 j 05:28	0°♉	
max. Earth dist.	-3428 May 19 j 03:27	1°♉56'25	1.33714 AU
evening rise	-3428 May 24 j 12:09	12°♉57'57	
	-3428 Jun 02 j 14:58	0°♊	
desc. node	-3428 Jun 21 j 01:15	27°♊20'34	
	-3428 Jun 23 j 07:54	0°♋	
evening max el	-3428 Jun 27 j 07:31	4°♋09'55	27°23'00
retrograde	-3428 Jul 10 j 21:34	11°♋33'42	
evening set	-3428 Jul 18 j 00:29	8°♋50'39	
min. Earth dist.	-3428 Jul 21 j 16:11	5°♋30'38	0.64023 AU
inferior conj	-3428 Jul 24 j 03:18	2°♋54'14	-3°-36'-23
minimum elong	-3428 Jul 24 j 07:11	2°♋43'56	3°35'23
	-3428 Jul 27 j 00:59	30°℞♊	
morning rise	-3428 Jul 30 j 15:42	27°♊30'30	
direct	-3428 Aug 02 j 06:59	26°♊55'19	
asc. node	-3428 Aug 05 j 23:13	28°♊03'30	
	-3428 Aug 08 j 10:34	0°♋	
morning max el	-3428 Aug 08 j 19:28	0°♋21'43	18°00'45
morning set	-3428 Aug 26 j 02:11	26°♋52'34	
	-3428 Aug 27 j 21:57	0°♌	
superior conj	-3428 Sep 08 j 00:27	18°♌34'24	0°55'38
minimum elong	-3428 Sep 08 j 05:53	18°♌56'33	0°55'04
max. Earth dist.	-3428 Sep 13 j 08:07	27°♌09'08	1.44141 AU
	-3428 Sep 15 j 03:06	0°♍	
desc. node	-3428 Sep 17 j 00:42	3°♍00'08	
evening rise	-3428 Sep 24 j 07:54	14°♍22'52	
	-3428 Oct 04 j 13:39	0°♎	
greatest brilliancy	-3428 Oct 15 j 03:14	15°♎17'20	-0.6m
evening max el	-3428 Oct 21 j 14:57	23°♎11'13	20°22'04
retrograde	-3428 Oct 29 j 12:42	27°♎50'32	
asc. node	-3428 Nov 01 j 22:13	26°♎43'47	
evening set	-3428 Nov 02 j 04:57	26°♎32'14	
inferior conj	-3428 Nov 07 j 16:55	20°♎24'19	1°53'33
minimum elong	-3428 Nov 07 j 14:31	20°♎32'22	1°52'37
min. Earth dist.	-3428 Nov 08 j 10:18	19°♎25'45	0.66832 AU
morning rise	-3428 Nov 12 j 23:34	14°♎07'49	
direct	-3428 Nov 18 j 13:50	11°♎42'02	
morning max el	-3428 Nov 30 j 01:22	18°♎32'23	24°44'46
	-3428 Dec 09 j 18:07	0°♏	
desc. node	-3428 Dec 14 j 00:21	5°♏47'32	
	-3428 Dec 29 j 20:08	0°♐	
morning set	-3427 Jan 05 j 01:53	10°♐39'46	
max. Earth dist.	-3427 Jan 08 j 20:12	17°♐25'36	1.37399 AU
superior conj	-3427 Jan 15 j 10:09	29°♐52'15	-1°-45'-34
minimum elong	-3427 Jan 15 j 12:57	0°♑05'54	1°45'29
	-3427 Jan 15 j 11:44	0°♑	
evening rise	-3427 Jan 23 j 22:01	16°♑45'17	
asc. node	-3427 Jan 28 j 21:21	26°♑25'34	
	-3427 Jan 30 j 20:19	0°♒	
evening max el	-3427 Feb 09 j 20:39	14°♒04'55	19°18'15
retrograde	-3427 Feb 18 j 20:49	18°♒22'28	
evening set	-3427 Feb 21 j 04:28	18°♒06'40	
inferior conj	-3427 Mar 01 j 10:30	13°♒57'27	2°40'41
minimum elong	-3427 Mar 01 j 15:26	13°♒49'11	2°39'18
min. Earth dist.	-3427 Mar 04 j 07:53	12°♒02'08	0.56625 AU
morning rise	-3427 Mar 09 j 22:35	9°♒05'30	
desc. node	-3427 Mar 11 j 23:25	8°♒29'54	
direct	-3427 Mar 14 j 18:36	8°♒11'35	
morning max el	-3427 Mar 28 j 22:17	15°♒25'24	25°04'03
	-3427 Apr 09 j 13:42	0°♓	
morning set	-3427 Apr 24 j 05:48	26°♓53'51	
	-3427 Apr 25 j 16:58	0°♈	
asc. node	-3427 Apr 26 j 20:51	2°♈29'26	
superior conj	-3427 May 01 j 07:02	12°♈05'46	0°44'46
minimum elong	-3427 May 01 j 05:11	11°♈55'43	0°44'25
max. Earth dist.	-3427 May 02 j 11:29	14°♈40'09	1.32984 AU
evening rise	-3427 May 08 j 13:10	27°♈29'47	
	-3427 May 09 j 18:48	0°♉	
	-3427 May 26 j 22:52	0°♊	
desc. node	-3427 Jun 07 j 22:18	15°♊11'08	
evening max el	-3427 Jun 09 j 15:42	16°♊54'14	27°19'05
retrograde	-3427 Jun 23 j 12:32	24°♊17'02	
evening set	-3427 Jun 30 j 14:54	21°♊51'50	
min. Earth dist.	-3427 Jul 04 j 05:05	18°♊58'38	0.62274 AU
inferior conj	-3427 Jul 07 j 05:05	16°♊08'59	-4°-7'-57
minimum elong	-3427 Jul 07 j 08:02	16°♊01'58	4°07'27
morning rise	-3427 Jul 14 j 03:42	11°♊04'55	
direct	-3427 Jul 16 j 16:14	10°♊36'31	
morning max el	-3427 Jul 23 j 10:06	14°♊01'26	17°56'34
asc. node	-3427 Jul 23 j 20:17	14°♊27'01	
	-3427 Aug 03 j 08:56	0°♋	
morning set	-3427 Aug 08 j 15:21	9°♋23'25	
superior conj	-3427 Aug 19 j 18:14	29°♋00'18	1°26'56
minimum elong	-3427 Aug 19 j 23:16	29°♋21'46	1°26'35
	-3427 Aug 20 j 08:14	0°♌	
max. Earth dist.	-3427 Aug 26 j 20:31	10°♌51'40	1.42861 AU
evening rise	-3427 Sep 03 j 13:13	23°♌09'34	
desc. node	-3427 Sep 03 j 21:40	23°♌42'38	
	-3427 Sep 07 j 23:15	0°♍	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3427 Sep 28 j 20:10	0°♎	
greatest brilliancy	-3427 Sep 29 j 12:02	0°♎50'11	-0.4m
evening max el	-3427 Oct 04 j 12:44	6°♎37'16	21°32'21
retrograde	-3427 Oct 13 j 09:15	11°♎52'43	
evening set	-3427 Oct 17 j 12:53	10°♎17'04	
asc. node	-3427 Oct 19 j 19:19	8°♎04'50	
inferior conj	-3427 Oct 22 j 22:22	4°♎01'19	1°03'33
minimum elong	-3427 Oct 22 j 20:56	4°♎06'15	1°02'57
min. Earth dist.	-3427 Oct 23 j 04:48	3°♎39'10	0.67297 AU
	-3427 Oct 25 j 23:50	30°℞♍	
morning rise	-3427 Oct 28 j 04:40	27°♍44'15	
direct	-3427 Nov 02 j 03:36	25°♍39'15	
	-3427 Nov 10 j 13:38	0°♎	
morning max el	-3427 Nov 12 j 10:40	1°♎47'59	23°18'35
greatest brilliancy	-3427 Nov 17 j 19:42	7°♎52'12	-0.3m
desc. node	-3427 Nov 30 j 21:22	25°♎40'41	
	-3427 Dec 03 j 19:16	0°♏	
morning set	-3427 Dec 17 j 05:52	21°♏18'55	
max. Earth dist.	-3427 Dec 21 j 15:34	28°♏49'31	1.39453 AU
	-3427 Dec 22 j 07:45	0°♐	
superior conj	-3427 Dec 29 j 06:21	12°♐30'11	-1°-54'-55
minimum elong	-3427 Dec 29 j 07:24	12°♐35'05	1°55'03
	-3426 Jan 07 j 10:53	0°♑	
evening rise	-3426 Jan 07 j 15:42	0°♑23'13	
asc. node	-3426 Jan 15 j 18:25	15°♑22'40	
evening max el	-3426 Jan 23 j 22:18	26°♑33'46	18°35'15
	-3426 Jan 29 j 08:45	0°♒	
retrograde	-3426 Jan 31 j 15:59	0°♒19'49	
evening set	-3426 Feb 03 j 02:54	29°♑58'24	
	-3426 Feb 03 j 00:37	30°℞♑	
inferior conj	-3426 Feb 10 j 16:09	25°♑29'53	3°37'29
minimum elong	-3426 Feb 10 j 19:34	25°♑23'13	3°36'52
min. Earth dist.	-3426 Feb 14 j 01:19	22°♑53'25	0.58393 AU
morning rise	-3426 Feb 18 j 08:34	20°♑10'59	
direct	-3426 Feb 24 j 08:29	18°♑40'23	
desc. node	-3426 Feb 26 j 20:32	18°♑55'59	
morning max el	-3426 Mar 10 j 15:00	26°♑12'02	26°27'28
	-3426 Mar 14 j 05:12	0°♒	
	-3426 Apr 02 j 18:31	0°♓	
morning set	-3426 Apr 08 j 17:02	11°♓53'12	
asc. node	-3426 Apr 13 j 17:53	22°♓41'17	
superior conj	-3426 Apr 15 j 18:34	27°♓07'35	0°21'07
minimum elong	-3426 Apr 15 j 17:39	27°♓02'31	0°20'55
max. Earth dist.	-3426 Apr 16 j 00:04	27°♓37'41	1.32605 AU
	-3426 Apr 17 j 02:06	0°♈	
evening rise	-3426 Apr 22 j 19:56	12°♈18'24	
	-3426 May 01 j 23:01	0°♉	
evening max el	-3426 May 22 j 18:58	29°♉00'18	26°42'13
	-3426 May 23 j 20:43	0°♊	
desc. node	-3426 May 25 j 19:21	1°♊38'45	
retrograde	-3426 Jun 05 j 19:49	6°♊19'16	
evening set	-3426 Jun 12 j 10:54	4°♊25'19	
min. Earth dist.	-3426 Jun 16 j 08:26	1°♊44'31	0.60285 AU
	-3426 Jun 18 j 11:35	30°℞♉	
inferior conj	-3426 Jun 19 j 16:35	28°♉59'29	-4°-22'-37
minimum elong	-3426 Jun 19 j 17:09	28°♉58'19	4°22'30
morning rise	-3426 Jun 27 j 02:40	24°♉17'07	
direct	-3426 Jun 29 j 14:15	23°♉53'39	
morning max el	-3426 Jul 06 j 21:48	27°♉27'06	18°11'34
	-3426 Jul 09 j 05:50	0°♊	
asc. node	-3426 Jul 10 j 17:21	1°♊54'49	
morning set	-3426 Jul 22 j 20:39	22°♊42'02	
	-3426 Jul 26 j 18:00	0°♋	
superior conj	-3426 Aug 01 j 14:22	10°♋44'51	1°43'59
minimum elong	-3426 Aug 01 j 16:55	10°♋56'17	1°43'58
max. Earth dist.	-3426 Aug 09 j 03:43	23°♋57'11	1.41132 AU
	-3426 Aug 12 j 18:38	0°♌	
evening rise	-3426 Aug 14 j 10:04	2°♌41'12	
desc. node	-3426 Aug 21 j 18:38	14°♌19'06	
	-3426 Sep 01 j 08:37	0°♍	
greatest brilliancy	-3426 Sep 12 j 06:00	14°♍31'00	-0.3m
evening max el	-3426 Sep 17 j 04:51	20°♍03'40	22°50'41
retrograde	-3426 Sep 27 j 03:29	25°♍57'20	
evening set	-3426 Oct 01 j 20:31	24°♍02'27	
asc. node	-3426 Oct 06 j 16:26	18°♍25'42	
inferior conj	-3426 Oct 07 j 05:02	17°♍42'19	0°10'49
minimum elong	-3426 Oct 07 j 04:47	17°♍43'13	0°10'44
transit middle	-3426 Oct 07 j 04:47	17°♍43'13	0°10'44
transit begin	-3426 Oct 07 j 02:44	17°♍50'14	
transit end	-3426 Oct 07 j 06:49	17°♍36'11	
min. Earth dist.	-3426 Oct 07 j 01:08	17°♍55'48	0.67458 AU
morning rise	-3426 Oct 12 j 12:59	11°♍27'42	
direct	-3426 Oct 16 j 21:20	9°♍44'35	
morning max el	-3426 Oct 25 j 23:52	15°♍08'22	21°53'39
greatest brilliancy	-3426 Oct 30 j 20:42	20°♍41'03	-0.4m
	-3426 Nov 06 j 21:03	0°♎	
desc. node	-3426 Nov 17 j 18:21	15°♎53'38	
	-3426 Nov 26 j 20:28	0°♏	
morning set	-3426 Nov 27 j 04:55	0°♏33'41	
max. Earth dist.	-3426 Dec 03 j 15:18	11°♏02'49	1.41485 AU
superior conj	-3426 Dec 11 j 06:48	24°♏07'29	-1°-53'-29
minimum elong	-3426 Dec 11 j 04:35	23°♏57'45	1°53'32
	-3426 Dec 14 j 14:10	0°♐	
evening rise	-3426 Dec 21 j 22:03	13°♐24'00	
	-3426 Dec 31 j 05:46	0°♑	
asc. node	-3425 Jan 02 j 15:30	3°♑43'21	
evening max el	-3425 Jan 07 j 06:26	9°♑26'53	18°12'14
retrograde	-3425 Jan 14 j 05:06	12°♑57'15	
evening set	-3425 Jan 16 j 18:58	12°♑29'01	
inferior conj	-3425 Jan 23 j 17:45	7°♑38'16	4°00'03
minimum elong	-3425 Jan 23 j 18:26	7°♑36'43	3°59'55
min. Earth dist.	-3425 Jan 26 j 23:50	4°♑43'31	0.60407 AU
morning rise	-3425 Jan 30 j 15:05	1°♑59'35	
	-3425 Feb 04 j 15:18	30°℞♐	
direct	-3425 Feb 06 j 09:26	29°♐51'26	
	-3425 Feb 08 j 04:13	0°♑	
desc. node	-3425 Feb 13 j 17:38	2°♑07'17	
morning max el	-3425 Feb 20 j 13:27	7°♑31'52	27°23'07
	-3425 Mar 09 j 14:28	0°♒	
morning set	-3425 Mar 24 j 01:27	26°♒42'08	
	-3425 Mar 25 j 15:21	0°♓	
max. Earth dist.	-3425 Mar 30 j 13:22	10°♓35'05	1.32565 AU
superior conj	-3425 Mar 31 j 06:11	12°♓07'00	0°-3'-49
minimum elong	-3425 Mar 31 j 06:22	12°♓07'57	0°03'50
behind sun begin	-3425 Mar 31 j 01:28	11°♓41'11	
behind sun end	-3425 Mar 31 j 11:15	12°♓34'44	
asc. node	-3425 Mar 31 j 14:55	12°♓54'43	
evening rise	-3425 Apr 07 j 06:06	27°♓14'41	
	-3425 Apr 08 j 13:49	0°♈	
	-3425 Apr 25 j 19:53	0°♉	
evening max el	-3425 May 04 j 15:47	10°♉23'15	25°35'20
desc. node	-3425 May 12 j 16:27	16°♉10'16	
retrograde	-3425 May 18 j 17:30	17°♉35'42	
evening set	-3425 May 24 j 09:12	16°♉19'57	
min. Earth dist.	-3425 May 29 j 04:03	13°♉34'36	0.58261 AU
inferior conj	-3425 Jun 01 j 10:10	11°♉15'37	-4°-11'-8
minimum elong	-3425 Jun 01 j 07:07	11°♉21'05	4°10'45
morning rise	-3425 Jun 09 j 08:59	6°♉55'17	
direct	-3425 Jun 11 j 20:36	6°♉35'44	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3425 Jun 20 j 03:40	10°♉30'05	18°46'44
asc. node	-3425 Jun 27 j 14:25	20°♉12'31	
	-3425 Jul 03 j 03:06	0°♊	
morning set	-3425 Jul 06 j 13:40	6°♊37'03	
superior conj	-3425 Jul 15 j 07:35	23°♊33'58	1°48'59
minimum elong	-3425 Jul 15 j 07:38	23°♊34'15	1°49'07
	-3425 Jul 18 j 18:20	0°♋	
max. Earth dist.	-3425 Jul 22 j 06:40	6°♋20'57	1.39183 AU
evening rise	-3425 Jul 26 j 08:20	13°♋26'07	
	-3425 Aug 05 j 12:48	0°♌	
desc. node	-3425 Aug 08 j 15:37	4°♌45'31	
	-3425 Aug 27 j 09:28	0°♍	
evening max el	-3425 Aug 30 j 17:02	3°♍32'12	24°11'12
retrograde	-3425 Sep 10 j 18:15	10°♍01'49	
evening set	-3425 Sep 16 j 02:06	7°♍47'21	
inferior conj	-3425 Sep 21 j 11:12	1°♍26'19	0°-42'-57
minimum elong	-3425 Sep 21 j 12:13	1°♍22'53	0°42'28
min. Earth dist.	-3425 Sep 20 j 20:55	2°♍14'35	0.67318 AU
	-3425 Sep 22 j 12:59	30°℞♌	
asc. node	-3425 Sep 23 j 13:33	28°♌41'18	
morning rise	-3425 Sep 26 j 22:34	25°♌17'06	
direct	-3425 Sep 30 j 17:54	23°♌54'28	
morning max el	-3425 Oct 08 j 19:48	28°♌37'42	20°36'53
	-3425 Oct 10 j 02:44	0°♍	
greatest brilliancy	-3425 Oct 15 j 00:50	6°♍02'32	-0.5m
	-3425 Oct 31 j 12:04	0°♎	
desc. node	-3425 Nov 04 j 15:20	6°♎20'43	
morning set	-3425 Nov 06 j 06:14	8°♎51'20	
max. Earth dist.	-3425 Nov 15 j 22:31	24°♎10'03	1.43200 AU
	-3425 Nov 19 j 12:28	0°♏	
superior conj	-3425 Nov 22 j 05:58	4°♏31'04	-1°-37'-18
minimum elong	-3425 Nov 21 j 23:58	4°♏06'02	1°36'54
evening rise	-3425 Dec 04 j 13:04	25°♏39'39	
	-3425 Dec 07 j 00:13	0°♐	
asc. node	-3425 Dec 20 j 12:34	21°♐16'38	
evening max el	-3425 Dec 21 j 18:09	22°♐36'22	18°08'52
retrograde	-3425 Dec 28 j 08:10	26°♐04'31	
evening set	-3425 Dec 31 j 01:04	25°♐28'37	
inferior conj	-3424 Jan 06 j 12:14	20°♐16'23	3°56'51
minimum elong	-3424 Jan 06 j 10:42	20°♐20'21	3°56'36
min. Earth dist.	-3424 Jan 09 j 06:50	17°♐26'12	0.62362 AU
morning rise	-3424 Jan 12 j 18:18	14°♐23'37	
direct	-3424 Jan 19 j 19:27	11°♐47'26	
desc. node	-3424 Jan 31 j 14:45	17°♐32'57	
morning max el	-3424 Feb 02 j 18:05	19°♐32'36	27°43'23
	-3424 Feb 11 j 17:22	0°♑	
	-3424 Mar 01 j 10:45	0°♒	
morning set	-3424 Mar 07 j 04:55	11°♒13'16	
max. Earth dist.	-3424 Mar 12 j 23:23	23°♒18'01	1.32875 AU
superior conj	-3424 Mar 14 j 16:12	26°♒58'11	0°-29'-10
minimum elong	-3424 Mar 14 j 17:31	27°♒05'20	0°28'59
	-3424 Mar 16 j 01:43	0°♓	
asc. node	-3424 Mar 17 j 11:55	3°♓05'42	
evening rise	-3424 Mar 21 j 17:42	12°♓11'34	
	-3424 Mar 30 j 20:52	0°♈	
evening max el	-3424 Apr 15 j 07:48	21°♈12'58	24°07'48
desc. node	-3424 Apr 28 j 13:34	28°♈08'59	
retrograde	-3424 Apr 29 j 03:42	28°♈09'46	
evening set	-3424 May 03 j 11:25	27°♈28'08	
min. Earth dist.	-3424 May 09 j 19:22	24°♈23'27	0.56515 AU
inferior conj	-3424 May 12 j 07:35	22°♈49'40	-3°-22'-59
minimum elong	-3424 May 12 j 01:39	22°♈58'57	3°21'38
morning rise	-3424 May 20 j 19:53	18°♈47'10	
direct	-3424 May 23 j 07:52	18°♈30'39	

morning max el	-3424 Jun 02 j 00:59	23°♈00'51	19°42'26
	-3424 Jun 07 j 21:38	0°♉	
asc. node	-3424 Jun 13 j 11:27	9°♉07'55	
morning set	-3424 Jun 19 j 14:55	20°♉58'45	
	-3424 Jun 24 j 02:03	0°♊	
superior conj	-3424 Jun 27 j 16:09	7°♊10'56	1°44'44
minimum elong	-3424 Jun 27 j 14:31	7°♊02'47	1°44'46
max. Earth dist.	-3424 Jul 03 j 09:21	18°♊12'43	1.37271 AU
evening rise	-3424 Jul 07 j 07:25	25°♊24'17	
	-3424 Jul 09 j 21:45	0°♋	
desc. node	-3424 Jul 25 j 12:37	24°♋56'07	
	-3424 Jul 29 j 02:12	0°♌	
evening max el	-3424 Aug 12 j 03:42	17°♌03'14	25°26'47
retrograde	-3424 Aug 24 j 04:54	24°♌01'12	
evening set	-3424 Aug 30 j 03:47	21°♌29'24	
min. Earth dist.	-3424 Sep 03 j 13:45	16°♌33'07	0.66858 AU
inferior conj	-3424 Sep 04 j 15:06	15°♌10'52	-1°-36'-10
minimum elong	-3424 Sep 04 j 17:22	15°♌03'33	1°35'12
asc. node	-3424 Sep 09 j 10:38	9°♌48'06	
morning rise	-3424 Sep 10 j 07:32	9°♌10'09	
direct	-3424 Sep 13 j 15:58	8°♌05'06	
morning max el	-3424 Sep 20 j 23:02	12°♌15'51	19°32'39
greatest brilliancy	-3424 Sep 29 j 20:55	23°♌43'06	-0.7m
	-3424 Oct 04 j 02:24	0°♍	
morning set	-3424 Oct 15 j 06:52	17°♍14'18	
desc. node	-3424 Oct 21 j 12:16	26°♍57'03	
	-3424 Oct 23 j 10:57	0°♎	
max. Earth dist.	-3424 Oct 28 j 11:57	7°♎56'57	1.44368 AU
superior conj	-3424 Nov 01 j 01:46	13°♎38'37	-1°-4'-4
minimum elong	-3424 Oct 31 j 18:51	13°♎10'57	1°03'19
	-3424 Nov 11 j 03:02	0°♏	
evening rise	-3424 Nov 15 j 08:06	7°♏00'40	
	-3424 Nov 29 j 12:42	0°♐	
evening max el	-3424 Dec 04 j 06:42	5°♐55'49	18°24'26
asc. node	-3424 Dec 06 j 09:38	7°♐48'59	
retrograde	-3424 Dec 10 j 20:35	9°♐32'34	
evening set	-3424 Dec 13 j 17:36	8°♐47'38	
inferior conj	-3424 Dec 19 j 19:43	3°♐16'10	3°35'43
minimum elong	-3424 Dec 19 j 16:56	3°♐24'07	3°35'05
min. Earth dist.	-3424 Dec 21 j 23:48	0°♐47'49	0.64062 AU
	-3424 Dec 22 j 17:16	30°℞♏	
morning rise	-3424 Dec 25 j 14:50	27°♏13'22	
direct	-3423 Jan 01 j 13:10	24°♏23'45	
	-3423 Jan 12 j 20:01	0°♐	
morning max el	-3423 Jan 15 j 02:37	2°♐08'00	27°27'46
desc. node	-3423 Jan 17 j 11:48	4°♐37'02	
	-3423 Feb 04 j 22:30	0°♑	
morning set	-3423 Feb 19 j 00:49	25°♑17'46	
	-3423 Feb 21 j 09:16	0°♒	
max. Earth dist.	-3423 Feb 24 j 02:06	5°♒33'14	1.33575 AU
superior conj	-3423 Feb 26 j 22:50	11°♒35'12	0°-53'-59
minimum elong	-3423 Feb 27 j 01:12	11°♒47'45	0°53'39
asc. node	-3423 Mar 04 j 08:56	23°♒10'15	
evening rise	-3423 Mar 06 j 04:58	27°♒02'52	
	-3423 Mar 07 j 15:04	0°♓	
	-3423 Mar 26 j 03:24	0°♈	
evening max el	-3423 Mar 28 j 00:47	1°♈55'37	22°33'35
retrograde	-3423 Apr 10 j 01:43	8°♈18'35	
evening set	-3423 Apr 13 j 03:44	7°♈57'42	
desc. node	-3423 Apr 15 j 10:41	7°♈17'09	
min. Earth dist.	-3423 Apr 21 j 09:34	4°♈21'45	0.55398 AU
inferior conj	-3423 Apr 22 j 11:16	3°♈45'03	-1°-54'-12
minimum elong	-3423 Apr 22 j 06:21	3°♈52'04	1°52'38
	-3423 Apr 30 j 15:08	30°℞♓	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3423 May 01 j 11:14	29°♓48'31	
direct	-3423 May 04 j 02:19	29°♓32'32	
	-3423 May 07 j 10:56	0°♈	
morning max el	-3423 May 15 j 11:49	4°♈52'19	20°57'44
asc. node	-3423 May 31 j 08:27	28°♈32'03	
	-3423 Jun 01 j 02:21	0°♉	
morning set	-3423 Jun 03 j 21:47	5°♉40'21	
superior conj	-3423 Jun 11 j 11:39	21°♉22'57	1°33'36
minimum elong	-3423 Jun 11 j 09:09	21°♉10'07	1°33'27
	-3423 Jun 15 j 18:08	0°♊	
max. Earth dist.	-3423 Jun 15 j 18:16	0°♊00'42	1.35613 AU
evening rise	-3423 Jun 20 j 02:36	8°♊23'58	
	-3423 Jul 02 j 12:53	0°♋	
desc. node	-3423 Jul 12 j 09:39	14°♋43'40	
	-3423 Jul 25 j 00:44	0°♌	
evening max el	-3423 Jul 25 j 14:50	0°♌34'42	26°29'24
retrograde	-3423 Aug 07 j 10:45	7°♌49'49	
evening set	-3423 Aug 13 j 23:26	5°♌06'14	
min. Earth dist.	-3423 Aug 18 j 01:21	0°♌48'12	0.66053 AU
	-3423 Aug 18 j 17:14	30°℞♋	
inferior conj	-3423 Aug 19 j 14:53	28°♋53'45	-2°-26'-59
minimum elong	-3423 Aug 19 j 18:11	28°♋43'41	2°25'45
morning rise	-3423 Aug 25 j 13:54	23°♋04'35	
asc. node	-3423 Aug 27 j 07:42	22°♋22'34	
direct	-3423 Aug 28 j 13:49	22°♋13'37	
morning max el	-3423 Sep 04 j 08:27	26°♋00'35	18°43'36
	-3423 Sep 07 j 18:21	0°♌	
morning set	-3423 Sep 25 j 04:00	26°♌40'45	
	-3423 Sep 27 j 05:53	0°♍	
desc. node	-3423 Oct 08 j 09:13	17°♍39'19	
superior conj	-3423 Oct 11 j 03:09	21°♍59'02	0°-17'-26
minimum elong	-3423 Oct 11 j 00:51	21°♍49'57	0°17'08
max. Earth dist.	-3423 Oct 11 j 05:06	22°♍06'43	1.44856 AU
	-3423 Oct 16 j 05:14	0°♎	
evening rise	-3423 Oct 27 j 03:13	17°♎19'55	
	-3423 Nov 04 j 01:26	0°♏	
evening max el	-3423 Nov 17 j 17:35	19°♏20'46	18°57'42
asc. node	-3423 Nov 23 j 06:42	23°♏05'21	
retrograde	-3423 Nov 24 j 14:37	23°♏15'15	
evening set	-3423 Nov 27 j 17:30	22°♏19'16	
inferior conj	-3423 Dec 03 j 12:42	16°♏31'15	3°02'15
minimum elong	-3423 Dec 03 j 09:35	16°♏40'54	3°01'19
min. Earth dist.	-3423 Dec 05 j 02:14	14°♏35'04	0.65425 AU
morning rise	-3423 Dec 09 j 00:40	10°♏21'19	
direct	-3423 Dec 15 j 13:25	7°♏32'49	
morning max el	-3423 Dec 28 j 12:10	15°♏05'52	26°41'02
desc. node	-3422 Jan 04 j 08:50	22°♏50'48	
	-3422 Jan 09 j 19:17	0°♐	
	-3422 Jan 28 j 16:10	0°♑	
morning set	-3422 Feb 02 j 09:32	8°♑43'20	
max. Earth dist.	-3422 Feb 06 j 17:56	17°♑11'44	1.34721 AU
superior conj	-3422 Feb 10 j 23:53	25°♑50'13	-1°-17'-2
minimum elong	-3422 Feb 11 j 02:58	26°♑06'11	1°16'42
	-3422 Feb 12 j 23:55	0°♒	
evening rise	-3422 Feb 18 j 14:06	11°♒41'29	
asc. node	-3422 Feb 19 j 05:56	13°♒03'07	
	-3422 Feb 28 j 05:20	0°♓	
evening max el	-3422 Mar 10 j 00:46	12°♓56'16	21°05'27
retrograde	-3422 Mar 21 j 15:16	18°♓29'26	
evening set	-3422 Mar 24 j 01:12	18°♓15'54	
inferior conj	-3422 Apr 02 j 06:25	14°♓17'46	0°00'57
minimum elong	-3422 Apr 02 j 06:27	14°♓17'43	0°00'54
transit middle	-3422 Apr 02 j 06:27	14°♓17'43	0°00'54
transit begin	-3422 Apr 02 j 02:22	14°♓23'31	
transit end	-3422 Apr 02 j 10:33	14°♓11'55	
desc. node	-3422 Apr 02 j 07:47	14°♓15'49	
min. Earth dist.	-3422 Apr 02 j 23:38	13°♓53'22	0.55164 AU
morning rise	-3422 Apr 11 j 10:55	10°♓10'06	
direct	-3422 Apr 14 j 14:13	9°♓48'37	
morning max el	-3422 Apr 27 j 11:52	16°♓01'29	22°29'12
	-3422 May 08 j 09:06	0°♈	
asc. node	-3422 May 18 j 05:27	18°♈16'36	
morning set	-3422 May 19 j 08:08	20°♈34'36	
	-3422 May 23 j 19:06	0°♉	
superior conj	-3422 May 26 j 14:36	5°♉58'31	1°17'24
minimum elong	-3422 May 26 j 11:58	5°♉44'33	1°17'05
max. Earth dist.	-3422 May 29 j 13:06	12°♉07'26	1.34306 AU
evening rise	-3422 Jun 03 j 12:35	22°♉09'10	
	-3422 Jun 07 j 15:36	0°♊	
	-3422 Jun 26 j 07:01	0°♋	
desc. node	-3422 Jun 29 j 06:42	3°♋57'42	
evening max el	-3422 Jul 08 j 02:24	13°♋57'50	27°11'11
retrograde	-3422 Jul 21 j 11:11	21°♋19'48	
evening set	-3422 Jul 28 j 10:26	18°♋33'27	
min. Earth dist.	-3422 Aug 01 j 05:22	14°♋53'13	0.64875 AU
inferior conj	-3422 Aug 03 j 08:19	12°♋30'22	-3°-13'-9
minimum elong	-3422 Aug 03 j 12:12	12°♋19'27	3°11'58
morning rise	-3422 Aug 09 j 15:24	6°♋56'10	
direct	-3422 Aug 12 j 09:14	6°♋15'57	
asc. node	-3422 Aug 14 j 04:46	6°♋33'29	
morning max el	-3422 Aug 18 j 21:55	9°♋47'23	18°11'17
	-3422 Sep 01 j 17:31	0°♌	
morning set	-3422 Sep 06 j 04:52	7°♌27'59	
	-3422 Sep 19 j 23:14	0°♍	
superior conj	-3422 Sep 20 j 07:09	0°♍31'42	0°31'22
minimum elong	-3422 Sep 20 j 10:52	0°♍46'31	0°30'57
max. Earth dist.	-3422 Sep 23 j 23:15	6°♍22'04	1.44609 AU
desc. node	-3422 Sep 25 j 06:11	8°♍24'18	
evening rise	-3422 Oct 06 j 22:32	26°♍39'46	
	-3422 Oct 09 j 02:12	0°♎	
greatest brilliancy	-3422 Oct 24 j 04:32	22°♎51'17	-0.6m
	-3422 Oct 29 j 13:00	0°♏	
evening max el	-3422 Nov 01 j 00:36	2°♏48'04	19°47'09
retrograde	-3422 Nov 08 j 11:24	7°♏08'31	
asc. node	-3422 Nov 10 j 03:46	6°♏52'09	
evening set	-3422 Nov 11 j 22:13	5°♏58'59	
	-3422 Nov 17 j 11:35	30°℞♎	
inferior conj	-3422 Nov 17 j 12:21	29°♎57'28	2°20'22
minimum elong	-3422 Nov 17 j 09:34	0°♏06'37	2°19'22
min. Earth dist.	-3422 Nov 18 j 12:37	28°♎37'43	0.66423 AU
morning rise	-3422 Nov 22 j 20:14	23°♎42'51	
direct	-3422 Nov 28 j 19:19	21°♎06'44	
morning max el	-3422 Dec 10 j 21:08	28°♎15'35	25°31'26
	-3422 Dec 12 j 13:16	0°♏	
desc. node	-3422 Dec 22 j 05:51	11°♏53'59	
	-3421 Jan 03 j 13:19	0°♐	
morning set	-3421 Jan 16 j 02:27	21°♐16'41	
max. Earth dist.	-3421 Jan 19 j 22:21	28°♐22'37	1.36319 AU
	-3421 Jan 20 j 18:51	0°♑	
superior conj	-3421 Jan 25 j 16:43	9°♑35'38	-1°-36'-39
minimum elong	-3421 Jan 25 j 19:54	9°♑51'32	1°36'28
evening rise	-3421 Feb 02 j 19:10	26°♑01'51	
	-3421 Feb 04 j 18:37	0°♒	
asc. node	-3421 Feb 06 j 02:58	2°♒39'22	
evening max el	-3421 Feb 20 j 11:00	24°♒30'07	19°51'59
retrograde	-3421 Mar 02 j 08:36	29°♒12'23	
evening set	-3421 Mar 04 j 15:27	28°♒58'28	
inferior conj	-3421 Mar 13 j 07:13	24°♒56'54	1°50'48

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3421 Mar 13 j 11:30	24°♒50'17	1°49'24
min. Earth dist.	-3421 Mar 15 j 13:46	23°♒32'56	0.55865 AU
desc. node	-3421 Mar 20 j 04:53	21°♒06'15	
morning rise	-3421 Mar 22 j 04:28	20°♒23'09	
direct	-3421 Mar 26 j 07:41	19°♒45'18	
morning max el	-3421 Apr 09 j 04:23	26°♒40'50	24°08'36
	-3421 Apr 12 j 08:42	0°♓	
	-3421 May 01 j 03:00	0°♈	
morning set	-3421 May 03 j 20:10	5°♈35'32	
asc. node	-3421 May 05 j 02:29	8°♈15'36	
superior conj	-3421 May 10 j 22:28	20°♈49'30	0°57'29
minimum elong	-3421 May 10 j 20:13	20°♈37'22	0°57'07
max. Earth dist.	-3421 May 12 j 17:18	24°♈39'32	1.33366 AU
	-3421 May 15 j 05:51	0°♉	
evening rise	-3421 May 18 j 09:06	6°♉26'49	
	-3421 May 31 j 05:24	0°♊	
desc. node	-3421 Jun 16 j 03:45	22°♊24'04	
evening max el	-3421 Jun 20 j 12:35	27°♊00'05	27°25'17
	-3421 Jun 23 j 23:07	0°♋	
retrograde	-3421 Jul 04 j 05:33	4°♋22'49	
evening set	-3421 Jul 11 j 09:29	1°♋45'47	
	-3421 Jul 13 j 13:18	30°℞♊	
min. Earth dist.	-3421 Jul 14 j 23:55	28°♊38'34	0.63325 AU
inferior conj	-3421 Jul 17 j 16:43	25°♊55'04	-3°-51'-24
minimum elong	-3421 Jul 17 j 20:22	25°♊45'49	3°50'35
morning rise	-3421 Jul 24 j 09:17	20°♊39'11	
direct	-3421 Jul 26 j 23:17	20°♊07'00	
asc. node	-3421 Aug 01 j 01:51	22°♊12'44	
morning max el	-3421 Aug 02 j 12:56	23°♊31'21	17°56'39
	-3421 Aug 07 j 16:27	0°♋	
morning set	-3421 Aug 19 j 06:23	19°♋25'27	
	-3421 Aug 25 j 08:32	0°♌	
superior conj	-3421 Aug 31 j 08:59	10°♌09'59	1°10'44
minimum elong	-3421 Aug 31 j 14:40	10°♌33'38	1°10'12
max. Earth dist.	-3421 Sep 06 j 15:08	20°♌23'44	1.43670 AU
desc. node	-3421 Sep 12 j 03:09	29°♌08'24	
	-3421 Sep 12 j 16:18	0°♍	
evening rise	-3421 Sep 16 j 03:40	5°♍24'39	
	-3421 Oct 02 j 12:37	0°♎	
greatest brilliancy	-3421 Oct 09 j 08:12	9°♎26'11	-0.5m
evening max el	-3421 Oct 15 j 01:57	16°♎14'27	20°50'39
retrograde	-3421 Oct 23 j 08:38	21°♎08'14	
evening set	-3421 Oct 27 j 05:34	19°♎42'37	
asc. node	-3421 Oct 28 j 00:52	19°♎03'12	
inferior conj	-3421 Nov 01 j 16:16	13°♎30'52	1°32'44
minimum elong	-3421 Nov 01 j 14:15	13°♎37'44	1°31'56
min. Earth dist.	-3421 Nov 02 j 04:47	12°♎48'13	0.67072 AU
morning rise	-3421 Nov 06 j 22:33	7°♎14'01	
direct	-3421 Nov 12 j 06:15	4°♎57'00	
morning max el	-3421 Nov 23 j 05:51	11°♎29'55	24°08'30
	-3421 Dec 08 j 01:07	0°♏	
desc. node	-3421 Dec 09 j 02:51	1°♏31'33	
	-3421 Dec 27 j 07:56	0°♐	
morning set	-3421 Dec 28 j 21:37	2°♐41'16	
max. Earth dist.	-3420 Jan 01 j 19:18	9°♐32'45	1.38265 AU
superior conj	-3420 Jan 08 j 21:40	22°♐40'57	-1°-50'-37
minimum elong	-3420 Jan 08 j 23:55	22°♐51'40	1°50'39
	-3420 Jan 12 j 16:29	0°♑	
evening rise	-3420 Jan 17 j 17:48	9°♑56'59	
asc. node	-3420 Jan 24 j 00:01	21°♑52'30	
	-3420 Jan 28 j 21:45	0°♒	
evening max el	-3420 Feb 03 j 07:27	6°♒39'21	18°57'24
retrograde	-3420 Feb 11 j 17:19	10°♒41'51	
evening set	-3420 Feb 14 j 02:19	10°♒23'51	
inferior conj	-3420 Feb 22 j 00:58	6°♒06'39	3°09'25
minimum elong	-3420 Feb 22 j 05:34	5°♒58'25	3°08'20
min. Earth dist.	-3420 Feb 25 j 05:17	3°♒51'38	0.57324 AU
morning rise	-3420 Mar 01 j 04:59	1°♒02'26	
	-3420 Mar 05 j 00:10	30°℞♑	
desc. node	-3420 Mar 06 j 02:00	29°♑54'43	
direct	-3420 Mar 06 j 13:26	29°♑54'10	
	-3420 Mar 08 j 02:48	0°♒	
morning max el	-3420 Mar 20 j 19:29	7°♒16'42	25°42'24
	-3420 Apr 06 j 14:05	0°♓	
morning set	-3420 Apr 17 j 08:12	20°♓37'11	
asc. node	-3420 Apr 20 j 23:32	28°♓23'57	
	-3420 Apr 21 j 17:13	0°♈	
superior conj	-3420 Apr 24 j 09:11	5°♈48'58	0°34'57
minimum elong	-3420 Apr 24 j 07:42	5°♈40'52	0°34'39
max. Earth dist.	-3420 Apr 25 j 03:50	7°♈30'43	1.32777 AU
evening rise	-3420 May 01 j 12:52	21°♈06'18	
	-3420 May 05 j 23:40	0°♉	
	-3420 May 24 j 11:08	0°♊	
evening max el	-3420 Jun 01 j 18:51	9°♊28'43	27°07'23
desc. node	-3420 Jun 02 j 00:49	9°♊42'54	
retrograde	-3420 Jun 15 j 17:22	16°♊50'10	
evening set	-3420 Jun 22 j 16:39	14°♊36'29	
min. Earth dist.	-3420 Jun 26 j 08:25	11°♊51'00	0.61448 AU
inferior conj	-3420 Jun 29 j 12:54	9°♊00'41	-4°-16'-45
minimum elong	-3420 Jun 29 j 15:03	8°♊55'53	4°16'27
morning rise	-3420 Jul 06 j 16:17	4°♊05'58	
direct	-3420 Jul 09 j 04:19	3°♊39'47	
morning max el	-3420 Jul 16 j 02:46	7°♊06'36	18°00'38
asc. node	-3420 Jul 17 j 22:57	9°♊05'42	
	-3420 Jul 30 j 20:50	0°♋	
morning set	-3420 Aug 01 j 03:06	2°♋18'37	
superior conj	-3420 Aug 11 j 14:37	21°♋11'39	1°35'48
minimum elong	-3420 Aug 11 j 18:42	21°♋29'26	1°35'37
	-3420 Aug 16 j 17:49	0°♌	
max. Earth dist.	-3420 Aug 19 j 01:41	3°♌53'15	1.42168 AU
evening rise	-3420 Aug 25 j 13:41	14°♌25'13	
desc. node	-3420 Aug 29 j 00:07	19°♌48'54	
	-3420 Sep 04 j 16:26	0°♍	
greatest brilliancy	-3420 Sep 22 j 02:43	24°♍16'17	-0.4m
evening max el	-3420 Sep 26 j 21:06	29°♍40'05	22°04'51
	-3420 Sep 27 j 05:02	0°♎	
retrograde	-3420 Oct 06 j 04:29	5°♎12'06	
evening set	-3420 Oct 10 j 13:37	3°♎28'15	
asc. node	-3420 Oct 13 j 21:59	29°♍53'38	
	-3420 Oct 13 j 20:00	30°℞♍	
inferior conj	-3420 Oct 15 j 22:29	27°♍09'55	0°41'24
minimum elong	-3420 Oct 15 j 21:32	27°♍13'12	0°41'01
min. Earth dist.	-3420 Oct 16 j 00:24	27°♍03'19	0.67405 AU
morning rise	-3420 Oct 21 j 05:17	20°♍53'30	
direct	-3420 Oct 25 j 21:44	18°♍58'07	
morning max el	-3420 Nov 04 j 16:37	24°♍47'52	22°41'46
	-3420 Nov 09 j 07:53	0°♎	
greatest brilliancy	-3420 Nov 09 j 09:58	0°♎06'21	-0.3m
desc. node	-3420 Nov 24 j 23:51	21°♎33'39	
	-3420 Nov 30 j 13:19	0°♏	
morning set	-3420 Dec 08 j 13:20	12°♏43'56	
max. Earth dist.	-3420 Dec 13 j 15:49	21°♏15'18	1.40342 AU
	-3420 Dec 18 j 16:31	0°♐	
superior conj	-3420 Dec 21 j 10:07	4°♐54'04	-1°-55'-52
minimum elong	-3420 Dec 21 j 09:57	4°♐53'20	1°56'00
evening rise	-3420 Dec 31 j 07:06	23°♐19'51	
	-3419 Jan 03 j 20:13	0°♑	
asc. node	-3419 Jan 09 j 21:05	10°♑35'02	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3419 Jan 16 j 12:08	19°♑18'50	18°22'58	
retrograde	-3419 Jan 23 j 20:36	22°♑56'44		
evening set	-3419 Jan 26 j 08:37	22°♑32'42		
inferior conj	-3419 Feb 02 j 15:22	17°♑54'49	3°50'47	
minimum elong	-3419 Feb 02 j 17:39	17°♑50'06	3°50'27	
min. Earth dist.	-3419 Feb 06 j 00:42	15°♑07'20	0.59236 AU	
morning rise	-3419 Feb 09 j 23:16	12°♑26'13		
direct	-3419 Feb 16 j 08:15	10°♑39'00		
desc. node	-3419 Feb 20 j 23:07	11°♑32'46		
morning max el	-3419 Mar 02 j 14:34	18°♑15'56	26°55'17	
	-3419 Mar 12 j 10:50	0°♒		
	-3419 Mar 30 j 01:22	0°♓		
morning set	-3419 Apr 01 j 18:25	5°♓32'38		
asc. node	-3419 Apr 07 j 20:32	18°♓36'40		
superior conj	-3419 Apr 08 j 20:55	20°♓50'09	0°10'39	
minimum elong	-3419 Apr 08 j 20:27	20°♓47'33	0°10'31	
behind sun begin	-3419 Apr 08 j 16:42	20°♓27'01		
behind sun end	-3419 Apr 09 j 00:12	21°♓08'06		
max. Earth dist.	-3419 Apr 08 j 17:02	20°♓28'48	1.32535 AU	
	-3419 Apr 13 j 01:51	0°♈		
evening rise	-3419 Apr 15 j 21:16	5°♈58'24		
	-3419 Apr 28 j 16:01	0°♉		
evening max el	-3419 May 14 j 19:09	21°♉15'05	26°17'06	
desc. node	-3419 May 19 j 21:57	25°♉25'23		
retrograde	-3419 May 28 j 21:11	28°♉32'58		
evening set	-3419 Jun 04 j 03:41	26°♉54'45		
min. Earth dist.	-3419 Jun 08 j 08:07	24°♉14'08	0.59401 AU	
inferior conj	-3419 Jun 11 j 17:09	21°♉37'10	-4°-21'-36	
minimum elong	-3419 Jun 11 j 16:16	21°♉38'53	4°21'31	
morning rise	-3419 Jun 19 j 08:33	17°♉04'41		
direct	-3419 Jun 21 j 19:56	16°♉43'08		
morning max el	-3419 Jun 29 j 12:25	20°♉23'56	18°24'06	
asc. node	-3419 Jul 04 j 20:00	26°♉56'06		
	-3419 Jul 06 j 19:19	0°♊		
morning set	-3419 Jul 15 j 13:51	15°♊53'32		
	-3419 Jul 23 j 00:05	0°♋		
superior conj	-3419 Jul 24 j 20:28	3°♋25'43	1°47'24	
minimum elong	-3419 Jul 24 j 21:54	3°♋32'16	1°47'29	
max. Earth dist.	-3419 Aug 01 j 06:12	16°♋38'23	1.40309 AU	
evening rise	-3419 Aug 05 j 20:50	24°♋26'14		
	-3419 Aug 09 j 06:33	0°♌		
desc. node	-3419 Aug 15 j 21:07	10°♌21'35		
	-3419 Aug 29 j 12:45	0°♍		
evening max el	-3419 Sep 09 j 11:10	13°♍06'44	23°25'00	
retrograde	-3419 Sep 19 j 21:31	19°♍16'59		
evening set	-3419 Sep 24 j 20:37	17°♍13'49		
inferior conj	-3419 Sep 30 j 05:11	10°♍52'38	0°-11'-55	
minimum elong	-3419 Sep 30 j 05:27	10°♍51'41	0°11'47	
transit middle	-3419 Sep 30 j 05:27	10°♍51'41	0°11'47	
transit begin	-3419 Sep 30 j 03:35	10°♍58'07		
transit end	-3419 Sep 30 j 07:20	10°♍45'15		
min. Earth dist.	-3419 Sep 29 j 20:55	11°♍20'59	0.67436 AU	
asc. node	-3419 Sep 30 j 19:05	10°♍05'03		
morning rise	-3419 Oct 05 j 14:21	4°♍39'40		
direct	-3419 Oct 09 j 16:52	3°♍05'35		
morning max el	-3419 Oct 18 j 08:27	8°♍11'49	21°19'34	
greatest brilliancy	-3419 Oct 23 j 16:14	14°♍21'58	-0.4m	
	-3419 Nov 03 j 22:28	0°♎		
desc. node	-3419 Nov 11 j 20:50	11°♎53'09		
morning set	-3419 Nov 18 j 01:24	21°♎28'58		
	-3419 Nov 23 j 09:32	0°♏		
max. Earth dist.	-3419 Nov 25 j 18:03	3°♏50'09	1.42267 AU	
superior conj	-3419 Dec 03 j 00:27	16°♏01'35	-1°-48'-38	
minimum elong	-3419 Dec 02 j 20:32	15°♏44'50	1°48'31	
	-3419 Dec 10 j 23:08	0°♐		
evening rise	-3419 Dec 14 j 07:28	6°♐02'33		
asc. node	-3419 Dec 27 j 18:08	28°♐37'20		
	-3419 Dec 28 j 19:51	0°♑		
evening max el	-3419 Dec 30 j 22:13	2°♑20'29	18°08'30	
retrograde	-3418 Jan 06 j 16:03	5°♑48'17		
evening set	-3418 Jan 09 j 07:08	5°♑16'58		
inferior conj	-3418 Jan 16 j 00:41	0°♑17'16	4°01'19	
minimum elong	-3418 Jan 16 j 00:18	0°♑18'10	4°01'11	
	-3418 Jan 16 j 07:54	30°℞♐		
min. Earth dist.	-3418 Jan 19 j 02:45	27°♐21'32	0.61260 AU	
morning rise	-3418 Jan 22 j 14:58	24°♐31'59		
direct	-3418 Jan 29 j 13:42	22°♐09'53		
desc. node	-3418 Feb 07 j 20:12	25°♐45'59		
morning max el	-3418 Feb 12 j 15:44	29°♐53'28	27°36'11	
	-3418 Feb 12 j 18:23	0°♑		
	-3418 Mar 06 j 08:55	0°♒		
morning set	-3418 Mar 17 j 01:00	20°♒15'09		
	-3418 Mar 21 j 16:02	0°♓		
max. Earth dist.	-3418 Mar 23 j 05:14	3°♓21'12	1.32647 AU	
superior conj	-3418 Mar 24 j 08:04	5°♓47'13	0°-14'-34	
minimum elong	-3418 Mar 24 j 08:44	5°♓50'49	0°14'29	
behind sun begin	-3418 Mar 24 j 06:42	5°♓39'43		
behind sun end	-3418 Mar 24 j 10:46	6°♓01'56		
asc. node	-3418 Mar 25 j 17:33	8°♓49'50		
evening rise	-3418 Mar 31 j 08:16	20°♓55'56		
	-3418 Apr 04 j 18:59	0°♈		
	-3418 Apr 24 j 05:53	0°♉		
evening max el	-3418 Apr 26 j 13:34	2°♉22'04	24°59'58	
desc. node	-3418 May 06 j 19:02	8°♉55'54		
retrograde	-3418 May 10 j 14:24	9°♉29'36		
evening set	-3418 May 15 j 16:44	8°♉29'52		
min. Earth dist.	-3418 May 21 j 01:47	5°♉37'32	0.57459 AU	
inferior conj	-3418 May 24 j 02:14	3°♉35'54	-3°-55'-45	
minimum elong	-3418 May 23 j 21:42	3°♉43'35	3°55'00	
	-3418 May 30 j 09:13	30°℞♈		
morning rise	-3418 Jun 01 j 06:44	29°♈23'44		
direct	-3418 Jun 03 j 18:16	29°♈05'41		
	-3418 Jun 07 j 22:17	0°♉		
morning max el	-3418 Jun 12 j 14:54	3°♉13'58	19°07'54	
asc. node	-3418 Jun 21 j 17:03	15°♉30'53		
morning set	-3418 Jun 29 j 10:42	0°♊00'20		
	-3418 Jun 29 j 10:38	0°♊		
superior conj	-3418 Jul 07 j 20:46	16°♊36'14	1°48'09	
minimum elong	-3418 Jul 07 j 20:00	16°♊32'30	1°48'16	
max. Earth dist.	-3418 Jul 14 j 08:02	28°♊44'30	1.38351 AU	
	-3418 Jul 15 j 00:43	0°♋		
evening rise	-3418 Jul 18 j 06:05	5°♋43'11		
	-3418 Aug 02 j 06:54	0°♌		
desc. node	-3418 Aug 02 j 18:07	0°♌41'45		
evening max el	-3418 Aug 22 j 22:32	26°♌36'44	24°44'31	
	-3418 Aug 26 j 18:07	0°♍		
retrograde	-3418 Sep 03 j 10:35	3°♍19'26		
evening set	-3418 Sep 09 j 00:45	0°♍57'29		
	-3418 Sep 10 j 01:16	30°℞♌		
min. Earth dist.	-3418 Sep 13 j 15:49	25°♌39'42	0.67162 AU	
inferior conj	-3418 Sep 14 j 10:36	24°♌37'09	-1°-5'-40	
minimum elong	-3418 Sep 14 j 12:10	24°♌31'58	1°04'58	
asc. node	-3418 Sep 17 j 16:11	20°♌36'09		
morning rise	-3418 Sep 19 j 23:54	18°♌30'55		
direct	-3418 Sep 23 j 14:23	17°♌15'58		
morning max el	-3418 Oct 01 j 07:24	21°♌44'20	20°07'45	
	-3418 Oct 08 j 01:51	0°♍		
greatest brilliancy	-3418 Oct 08 j 10:31	0°♍29'37	-0.6m	
morning set	-3418 Oct 27 j 23:20	29°♍39'51		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3418 Oct 28 j 04:32	0°♎	
desc. node	-3418 Oct 29 j 17:46	2°♎24'31	
max. Earth dist.	-3418 Nov 08 j 04:05	17°♎16'01	1.43778 AU
superior conj	-3418 Nov 13 j 11:51	25°♎52'26	-1°-25'-16
minimum elong	-3418 Nov 13 j 04:51	25°♎23'50	1°24'39
	-3418 Nov 16 j 00:06	0°♏	
evening rise	-3418 Nov 26 j 14:33	17°♏55'55	
	-3418 Dec 03 j 15:24	0°♐	
evening max el	-3418 Dec 14 j 10:42	15°♐35'25	18°13'16
asc. node	-3418 Dec 14 j 15:12	15°♐46'40	
retrograde	-3418 Dec 20 j 23:30	19°♐05'35	
evening set	-3418 Dec 23 j 18:05	18°♐25'55	
inferior conj	-3418 Dec 30 j 01:08	13°♐05'16	3°49'39
minimum elong	-3418 Dec 29 j 22:56	13°♐11'10	3°49'15
min. Earth dist.	-3417 Jan 01 j 13:43	10°♐22'48	0.63131 AU
morning rise	-3417 Jan 05 j 02:04	7°♐08'10	
direct	-3417 Jan 12 j 03:15	4°♐24'20	
desc. node	-3417 Jan 25 j 17:15	11°♐57'22	
morning max el	-3417 Jan 25 j 22:06	12°♐09'17	27°40'52
	-3417 Feb 09 j 04:24	0°♑	
	-3417 Feb 26 j 17:44	0°♒	
morning set	-3417 Mar 01 j 01:33	4°♒35'42	
max. Earth dist.	-3417 Mar 06 j 12:33	15°♒53'17	1.33128 AU
superior conj	-3417 Mar 08 j 16:52	20°♒33'02	0°-39'-50
minimum elong	-3417 Mar 08 j 18:39	20°♒42'38	0°39'33
asc. node	-3417 Mar 12 j 14:33	28°♒58'31	
	-3417 Mar 13 j 01:58	0°♓	
evening rise	-3417 Mar 15 j 19:55	5°♓51'10	
	-3417 Mar 28 j 20:04	0°♈	
evening max el	-3417 Apr 08 j 05:18	13°♈05'21	23°27'41
retrograde	-3417 Apr 21 j 18:45	19°♈49'15	
desc. node	-3417 Apr 23 j 16:08	19°♈41'17	
evening set	-3417 Apr 25 j 12:51	19°♈18'22	
min. Earth dist.	-3417 May 02 j 16:15	16°♈02'04	0.55950 AU
inferior conj	-3417 May 04 j 15:23	14°♈51'59	-2°-49'-59
minimum elong	-3417 May 04 j 09:17	15°♈01'06	2°48'19
morning rise	-3417 May 13 j 09:04	10°♈53'38	
direct	-3417 May 15 j 22:00	10°♈37'38	
morning max el	-3417 May 26 j 07:44	15°♈27'35	20°12'12
	-3417 Jun 06 j 00:22	0°♉	
asc. node	-3417 Jun 08 j 14:04	4°♉39'19	
morning set	-3417 Jun 13 j 14:36	14°♉31'05	
superior conj	-3417 Jun 21 j 10:25	0°♊28'54	1°40'44
minimum elong	-3417 Jun 21 j 08:18	0°♊18'18	1°40'41
	-3417 Jun 21 j 04:41	0°♊	
max. Earth dist.	-3417 Jun 26 j 13:01	10°♊32'20	1.36528 AU
evening rise	-3417 Jun 30 j 14:21	18°♊08'54	
	-3417 Jul 07 j 07:53	0°♋	
desc. node	-3417 Jul 20 j 15:08	20°♋43'26	
	-3417 Jul 27 j 11:41	0°♌	
evening max el	-3417 Aug 05 j 09:27	10°♌09'09	25°55'35
retrograde	-3417 Aug 17 j 19:03	17°♌14'59	
evening set	-3417 Aug 24 j 00:08	14°♌37'26	
min. Earth dist.	-3417 Aug 28 j 06:40	9°♌57'23	0.66559 AU
inferior conj	-3417 Aug 29 j 13:00	8°♌21'23	-1°-58'-8
minimum elong	-3417 Aug 29 j 15:44	8°♌12'43	1°57'01
morning rise	-3417 Sep 04 j 08:02	2°♌25'12	
asc. node	-3417 Sep 04 j 13:15	2°♌17'29	
direct	-3417 Sep 07 j 12:39	1°♌26'24	
morning max el	-3417 Sep 14 j 13:27	5°♌25'35	19°09'55
	-3417 Oct 01 j 21:53	0°♍	
morning set	-3417 Oct 07 j 07:00	8°♍25'58	
desc. node	-3417 Oct 16 j 14:44	23°♍03'59	
	-3417 Oct 21 j 00:27	0°♎	

max. Earth dist.	-3417 Oct 21 j 20:08	1°♎17'36	1.44668 AU
superior conj	-3417 Oct 23 j 21:57	4°♎34'37	0°-45'-25
minimum elong	-3417 Oct 23 j 16:23	4°♎12'32	0°44'45
evening rise	-3417 Nov 07 j 23:52	28°♎52'05	
	-3417 Nov 08 j 16:26	0°♏	
evening max el	-3417 Nov 27 j 22:53	28°♏58'06	18°36'23
	-3417 Nov 29 j 00:31	0°♐	
asc. node	-3417 Dec 01 j 12:15	1°♐49'02	
retrograde	-3417 Dec 04 j 14:48	2°♐41'11	
evening set	-3417 Dec 07 j 14:10	1°♐51'39	
	-3417 Dec 10 j 01:41	30°℞♏	
inferior conj	-3417 Dec 13 j 13:04	26°♏12'31	3°22'43
minimum elong	-3417 Dec 13 j 10:03	26°♏21'28	3°21'57
min. Earth dist.	-3417 Dec 15 j 10:43	23°♏57'22	0.64693 AU
morning rise	-3417 Dec 19 j 04:46	20°♏06'28	
direct	-3417 Dec 25 j 23:37	17°♏16'04	
morning max el	-3416 Jan 08 j 07:27	24°♏56'06	27°11'14
desc. node	-3416 Jan 12 j 14:18	29°♏34'09	
	-3416 Jan 12 j 23:09	0°♐	
	-3416 Feb 02 j 14:27	0°♑	
morning set	-3416 Feb 12 j 17:10	18°♑24'53	
max. Earth dist.	-3416 Feb 17 j 11:13	27°♑54'19	1.34019 AU
	-3416 Feb 18 j 11:39	0°♒	
superior conj	-3416 Feb 20 j 21:24	5°♒01'19	-1°-4'-4
minimum elong	-3416 Feb 21 j 00:07	5°♒15'39	1°03'43
asc. node	-3416 Feb 27 j 11:33	18°♒58'32	
evening rise	-3416 Feb 28 j 06:32	20°♒37'52	
	-3416 Mar 03 j 21:49	0°♓	
evening max el	-3416 Mar 20 j 00:28	23°♓51'53	21°54'30
retrograde	-3416 Apr 01 j 11:59	29°♓55'01	
evening set	-3416 Apr 04 j 05:30	29°♓38'23	
desc. node	-3416 Apr 09 j 13:14	27°♓43'42	
min. Earth dist.	-3416 Apr 13 j 05:54	25°♓44'46	0.55187 AU
inferior conj	-3416 Apr 13 j 13:45	25°♓33'45	-1°-6'-46
minimum elong	-3416 Apr 13 j 10:40	25°♓38'04	1°05'45
morning rise	-3416 Apr 22 j 16:57	21°♓35'11	
direct	-3416 Apr 25 j 11:54	21°♓17'51	
morning max el	-3416 May 07 j 13:45	26°♓59'54	21°35'11
	-3416 May 10 j 11:07	0°♈	
asc. node	-3416 May 25 j 11:04	24°♈12'48	
morning set	-3416 May 27 j 23:10	29°♈18'39	
	-3416 May 28 j 07:10	0°♉	
superior conj	-3416 Jun 04 j 09:25	14°♉51'45	1°27'15
minimum elong	-3416 Jun 04 j 06:47	14°♉38'02	1°27'01
max. Earth dist.	-3416 Jun 08 j 02:05	22°♉26'38	1.35005 AU
	-3416 Jun 11 j 21:50	0°♊	
evening rise	-3416 Jun 12 j 16:20	1°♊28'57	
	-3416 Jun 29 j 07:39	0°♋	
desc. node	-3416 Jul 06 j 12:11	10°♋18'03	
evening max el	-3416 Jul 17 j 20:43	23°♋37'33	26°50'12
	-3416 Jul 26 j 15:57	0°♌	
retrograde	-3416 Jul 30 j 22:33	0°♌56'36	
	-3416 Aug 03 j 21:55	30°℞♋	
evening set	-3416 Aug 06 j 16:26	28°♋10'13	
min. Earth dist.	-3416 Aug 10 j 15:06	24°♋08'55	0.65596 AU
inferior conj	-3416 Aug 12 j 10:20	22°♋01'33	-2°-47'-21
minimum elong	-3416 Aug 12 j 13:57	21°♋50'51	2°46'05
morning rise	-3416 Aug 18 j 12:37	16°♋18'41	
direct	-3416 Aug 21 j 09:41	15°♋32'41	
asc. node	-3416 Aug 21 j 10:19	15°♋32'41	
morning max el	-3416 Aug 28 j 00:57	19°♋11'47	18°27'53
	-3416 Sep 05 j 04:15	0°♌	
morning set	-3416 Sep 16 j 15:47	18°♌26'30	
	-3416 Sep 23 j 19:25	0°♍	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3416 Oct 01 j 21:27	12°♍51'26	0°03'48
minimum elong	-3416 Oct 01 j 21:57	12°♍53'26	0°03'47
behind sun begin	-3416 Oct 01 j 10:55	12°♍09'49	
behind sun end	-3416 Oct 02 j 08:59	13°♍37'01	
desc. node	-3416 Oct 02 j 11:41	13°♍47'39	
max. Earth dist.	-3416 Oct 03 j 14:23	15°♍32'53	1.44835 AU
	-3416 Oct 12 j 18:59	0°♎	
evening rise	-3416 Oct 18 j 08:25	8°♎44'49	
greatest brilliancy	-3416 Oct 31 j 01:27	28°♎35'42	-0.7m
	-3416 Oct 31 j 23:48	0°♏	
evening max el	-3416 Nov 10 j 08:18	12°♏23'58	19°16'48
retrograde	-3416 Nov 17 j 10:30	16°♏28'54	
asc. node	-3416 Nov 17 j 09:19	16°♏28'53	
evening set	-3416 Nov 20 j 16:27	15°♏27'28	
inferior conj	-3416 Nov 26 j 09:15	9°♏33'02	2°45'20
minimum elong	-3416 Nov 26 j 06:12	9°♏42'44	2°44'21
min. Earth dist.	-3416 Nov 27 j 16:53	7°♏52'12	0.65890 AU
morning rise	-3416 Dec 01 j 19:08	3°♏20'36	
direct	-3416 Dec 08 j 02:15	0°♏36'30	
morning max el	-3416 Dec 20 j 17:10	8°♏01'19	26°13'43
desc. node	-3416 Dec 29 j 11:20	18°♏11'05	
	-3415 Jan 06 j 23:05	0°♐	
	-3415 Jan 25 j 00:21	0°♑	
morning set	-3415 Jan 25 j 19:55	1°♑30'47	
max. Earth dist.	-3415 Jan 29 j 22:21	9°♑20'32	1.35350 AU
superior conj	-3415 Feb 03 j 19:22	19°♑05'04	-1°-25'-53
minimum elong	-3415 Feb 03 j 22:35	19°♑21'32	1°25'36
	-3415 Feb 09 j 02:14	0°♒	
evening rise	-3415 Feb 11 j 14:15	5°♒10'01	
asc. node	-3415 Feb 13 j 08:34	8°♒45'19	
	-3415 Feb 25 j 16:57	0°♓	
evening max el	-3415 Mar 02 j 04:36	5°♓06'01	20°32'00
retrograde	-3415 Mar 13 j 02:06	10°♓17'25	
evening set	-3415 Mar 15 j 09:19	10°♓04'29	
inferior conj	-3415 Mar 24 j 09:43	6°♓06'36	0°50'10
minimum elong	-3415 Mar 24 j 11:56	6°♓03'21	0°49'21
min. Earth dist.	-3415 Mar 25 j 20:08	5°♓16'25	0.55349 AU
desc. node	-3415 Mar 27 j 10:21	4°♓22'22	
morning rise	-3415 Apr 02 j 12:38	1°♓49'00	
direct	-3415 Apr 06 j 00:30	1°♓22'25	
morning max el	-3415 Apr 19 j 10:17	7°♓55'36	23°11'17
	-3415 May 05 j 04:31	0°♈	
morning set	-3415 May 12 j 10:29	14°♈17'10	
asc. node	-3415 May 12 j 08:06	14°♈04'43	
superior conj	-3415 May 19 j 14:48	29°♈35'45	1°09'20
minimum elong	-3415 May 19 j 12:17	29°♈22'15	1°08'59
	-3415 May 19 j 19:21	0°♉	
max. Earth dist.	-3415 May 22 j 01:01	4°♉44'04	1.33855 AU
evening rise	-3415 May 27 j 07:19	15°♉30'01	
	-3415 Jun 04 j 00:27	0°♊	
desc. node	-3415 Jun 23 j 09:14	29°♊14'14	
	-3415 Jun 24 j 00:16	0°♋	
evening max el	-3415 Jun 30 j 07:45	6°♋52'52	27°20'51
retrograde	-3415 Jul 13 j 20:40	14°♋16'37	
evening set	-3415 Jul 20 j 22:50	11°♋32'14	
min. Earth dist.	-3415 Jul 24 j 15:15	8°♋07'10	0.64256 AU
inferior conj	-3415 Jul 27 j 00:16	5°♋33'53	-3°-30'-39
minimum elong	-3415 Jul 27 j 04:11	5°♋23'20	3°29'35
morning rise	-3415 Aug 02 j 11:15	0°♋07'20	
	-3415 Aug 02 j 18:08	30°℞♊	
direct	-3415 Aug 05 j 03:05	29°♊31'00	
	-3415 Aug 07 j 12:00	0°♋	
asc. node	-3415 Aug 08 j 07:25	0°♋22'49	
morning max el	-3415 Aug 11 j 15:28	2°♋58'32	18°02'51
morning set	-3415 Aug 29 j 03:41	29°♋44'49	
	-3415 Aug 29 j 07:15	0°♌	
superior conj	-3415 Sep 11 j 09:06	21°♌47'34	0°49'41
minimum elong	-3415 Sep 11 j 14:15	22°♌08'23	0°49'07
	-3415 Sep 16 j 11:47	0°♍	
max. Earth dist.	-3415 Sep 16 j 07:19	29°♌42'16	1.44282 AU
desc. node	-3415 Sep 19 j 08:39	4°♍32'34	
evening rise	-3415 Sep 27 j 19:43	17°♍44'06	
	-3415 Oct 05 j 19:46	0°♎	
greatest brilliancy	-3415 Oct 17 j 18:06	17°♎29'57	-0.6m
evening max el	-3415 Oct 24 j 12:59	25°♎50'33	20°12'40
	-3415 Oct 30 j 03:55	0°♏	
retrograde	-3415 Nov 01 j 07:47	0°♏24'53	
	-3415 Nov 03 j 09:41	30°℞♎	
asc. node	-3415 Nov 04 j 06:26	29°♎34'40	
evening set	-3415 Nov 04 j 22:32	29°♎08'59	
inferior conj	-3415 Nov 10 j 11:00	23°♎02'42	2°00'45
minimum elong	-3415 Nov 10 j 08:30	23°♎11'06	1°59'48
min. Earth dist.	-3415 Nov 11 j 06:10	21°♎58'32	0.66734 AU
morning rise	-3415 Nov 15 j 17:53	16°♎46'34	
direct	-3415 Nov 21 j 10:28	14°♎17'49	
morning max el	-3415 Dec 03 j 01:53	21°♎13'32	24°57'10
	-3415 Dec 10 j 16:57	0°♏	
desc. node	-3415 Dec 16 j 08:20	7°♏30'19	
	-3415 Dec 31 j 04:43	0°♐	
morning set	-3414 Jan 08 j 04:25	13°♐37'31	
max. Earth dist.	-3414 Jan 11 j 22:28	20°♐25'23	1.37107 AU
	-3414 Jan 16 j 23:51	0°♑	
superior conj	-3414 Jan 18 j 07:40	2°♑35'03	-1°-43'-26
minimum elong	-3414 Jan 18 j 10:37	2°♑49'29	1°43'20
evening rise	-3414 Jan 26 j 16:55	19°♑20'37	
asc. node	-3414 Jan 31 j 05:37	28°♑12'46	
	-3414 Feb 01 j 04:31	0°♒	
evening max el	-3414 Feb 12 j 19:28	16°♒56'12	19°26'24
retrograde	-3414 Feb 22 j 00:54	21°♒19'33	
evening set	-3414 Feb 24 j 08:15	21°♒04'21	
inferior conj	-3414 Mar 04 j 16:53	16°♒57'34	2°28'41
minimum elong	-3414 Mar 04 j 21:47	16°♒49'33	2°27'16
min. Earth dist.	-3414 Mar 07 j 11:04	15°♒09'55	0.56407 AU
morning rise	-3414 Mar 13 j 07:36	12°♒10'17	
desc. node	-3414 Mar 14 j 07:28	11°♒51'40	
direct	-3414 Mar 17 j 23:16	11°♒20'54	
morning max el	-3414 Apr 01 j 01:28	18°♒30'37	24°49'59
	-3414 Apr 10 j 14:21	0°♓	
morning set	-3414 Apr 26 j 22:43	29°♓19'17	
	-3414 Apr 27 j 06:28	0°♈	
asc. node	-3414 Apr 29 j 05:09	4°♈08'25	
superior conj	-3414 May 04 j 00:09	14°♈31'37	0°48'12
minimum elong	-3414 May 03 j 22:11	14°♈20'58	0°47'51
max. Earth dist.	-3414 May 05 j 08:10	17°♈24'53	1.33074 AU
evening rise	-3414 May 11 j 07:19	29°♈58'39	
	-3414 May 11 j 07:35	0°♉	
	-3414 May 28 j 02:22	0°♊	
desc. node	-3414 Jun 10 j 06:19	17°♊14'59	
evening max el	-3414 Jun 12 j 16:39	19°♊42'30	27°21'43
retrograde	-3414 Jun 26 j 12:38	27°♊05'12	
evening set	-3414 Jul 03 j 15:39	24°♊36'36	
min. Earth dist.	-3414 Jul 07 j 05:43	21°♊40'04	0.62556 AU
inferior conj	-3414 Jul 10 j 03:54	18°♊51'35	-4°-4'-9
minimum elong	-3414 Jul 10 j 07:05	18°♊43'53	4°03'34
morning rise	-3414 Jul 17 j 00:54	13°♊44'15	
direct	-3414 Jul 19 j 13:45	13°♊14'55	
asc. node	-3414 Jul 26 j 04:31	16°♊35'11	
morning max el	-3414 Jul 26 j 06:17	16°♊39'30	17°55'57
	-3414 Aug 04 j 16:40	0°♋	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3414 Aug 11 j 14:03	12°♋07'44	
	-3414 Aug 21 j 18:19	0°♌	
superior conj	-3414 Aug 22 j 22:45	2°♌01'04	1°23'09
minimum elong	-3414 Aug 23 j 04:02	2°♌23'30	1°22'44
max. Earth dist.	-3414 Aug 29 j 20:44	13°♌30'29	1.43087 AU
desc. node	-3414 Sep 06 j 05:38	25°♌15'43	
evening rise	-3414 Sep 07 j 00:22	26°♌28'50	
	-3414 Sep 09 j 06:49	0°♍	
	-3414 Sep 29 j 18:59	0°♎	
greatest brilliancy	-3414 Oct 02 j 07:35	3°♎17'26	-0.4m
evening max el	-3414 Oct 07 j 11:45	9°♎17'00	21°21'19
retrograde	-3414 Oct 16 j 04:32	14°♎26'33	
evening set	-3414 Oct 20 j 06:22	12°♎53'35	
asc. node	-3414 Oct 22 j 03:32	11°♎08'12	
inferior conj	-3414 Oct 25 j 16:07	6°♎38'52	1°11'21
minimum elong	-3414 Oct 25 j 14:32	6°♎44'20	1°10'41
min. Earth dist.	-3414 Oct 26 j 00:07	6°♎11'23	0.67248 AU
morning rise	-3414 Oct 30 j 22:21	0°♎21'50	
	-3414 Oct 31 j 08:58	30°℞♍	
direct	-3414 Nov 04 j 23:36	28°♍13'35	
	-3414 Nov 10 j 03:20	0°♎	
morning max el	-3414 Nov 15 j 10:53	4°♎28'35	23°31'33
desc. node	-3414 Dec 03 j 05:20	27°♎19'38	
	-3414 Dec 05 j 01:00	0°♏	
morning set	-3414 Dec 20 j 12:30	24°♏28'44	
	-3414 Dec 23 j 17:58	0°♐	
max. Earth dist.	-3414 Dec 24 j 18:01	1°♐44'51	1.39144 AU
superior conj	-3413 Jan 01 j 06:19	15°♐20'37	-1°-54'-8
minimum elong	-3413 Jan 01 j 07:44	15°♐27'15	1°54'14
	-3413 Jan 08 j 22:12	0°♑	
evening rise	-3413 Jan 10 j 11:59	3°♑03'15	
asc. node	-3413 Jan 18 j 02:41	17°♑14'17	
evening max el	-3413 Jan 26 j 19:52	29°♑20'13	18°40'19
	-3413 Jan 27 j 13:09	0°♒	
retrograde	-3413 Feb 03 j 17:17	3°♒09'54	
evening set	-3413 Feb 06 j 03:46	2°♒49'22	
	-3413 Feb 11 j 15:06	30°℞♑	
inferior conj	-3413 Feb 13 j 19:23	28°♑23'49	3°31'13
minimum elong	-3413 Feb 13 j 23:10	28°♑16'37	3°30'29
min. Earth dist.	-3413 Feb 17 j 03:47	25°♑52'20	0.58110 AU
morning rise	-3413 Feb 21 j 14:52	23°♑08'35	
direct	-3413 Feb 27 j 11:05	21°♑43'57	
desc. node	-3413 Mar 01 j 04:34	21°♑51'21	
morning max el	-3413 Mar 13 j 17:33	29°♑13'15	26°16'34
	-3413 Mar 14 j 12:28	0°♒	
	-3413 Apr 04 j 04:43	0°♓	
morning set	-3413 Apr 11 j 10:12	14°♓19'07	
asc. node	-3413 Apr 16 j 02:10	24°♓19'11	
superior conj	-3413 Apr 18 j 11:31	29°♓32'39	0°24'49
minimum elong	-3413 Apr 18 j 10:26	29°♓26'45	0°24'35
	-3413 Apr 18 j 16:31	0°♈	
max. Earth dist.	-3413 Apr 18 j 20:22	0°♈21'07	1.32643 AU
evening rise	-3413 Apr 25 j 13:22	14°♈44'54	
	-3413 May 03 j 08:22	0°♉	
	-3413 May 23 j 23:03	0°♊	
evening max el	-3413 May 25 j 20:48	1°♊54'34	26°49'43
desc. node	-3413 May 28 j 03:25	3°♊56'57	
retrograde	-3413 Jun 08 j 20:58	9°♊13'55	
evening set	-3413 Jun 15 j 14:38	7°♊14'34	
min. Earth dist.	-3413 Jun 19 j 10:18	4°♊33'08	0.60590 AU
inferior conj	-3413 Jun 22 j 17:45	1°♊46'12	-4°-21'-52
minimum elong	-3413 Jun 22 j 18:47	1°♊44'01	4°21'45
	-3413 Jun 24 j 21:38	30°℞♉	
morning rise	-3413 Jun 30 j 02:03	27°♉00'32	
direct	-3413 Jul 02 j 13:46	26°♉36'22	
	-3413 Jul 09 j 15:23	0°♊	
morning max el	-3413 Jul 09 j 18:35	0°♊07'39	18°08'07
asc. node	-3413 Jul 13 j 01:36	3°♊54'11	
morning set	-3413 Jul 25 j 17:18	25°♊20'13	
	-3413 Jul 28 j 05:14	0°♋	
superior conj	-3413 Aug 04 j 15:17	13°♋34'54	1°42'14
minimum elong	-3413 Aug 04 j 18:14	13°♋48'05	1°42'12
max. Earth dist.	-3413 Aug 12 j 05:02	26°♋43'22	1.41410 AU
	-3413 Aug 14 j 04:06	0°♌	
evening rise	-3413 Aug 17 j 18:00	5°♌51'17	
desc. node	-3413 Aug 24 j 02:37	15°♌53'27	
	-3413 Sep 02 j 13:06	0°♍	
greatest brilliancy	-3413 Sep 15 j 09:21	17°♍20'05	-0.3m
evening max el	-3413 Sep 20 j 04:36	22°♍43'01	22°38'42
retrograde	-3413 Sep 29 j 23:08	28°♍31'00	
evening set	-3413 Oct 04 j 14:08	26°♍38'55	
asc. node	-3413 Oct 09 j 00:39	21°♍34'58	
inferior conj	-3413 Oct 09 j 22:42	20°♍19'11	0°18'55
minimum elong	-3413 Oct 09 j 22:15	20°♍20'42	0°18'45
min. Earth dist.	-3413 Oct 09 j 20:16	20°♍27'34	0.67455 AU
morning rise	-3413 Oct 15 j 06:17	14°♍04'06	
direct	-3413 Oct 19 j 16:42	12°♍17'52	
morning max el	-3413 Oct 28 j 23:20	17°♍48'06	22°05'55
greatest brilliancy	-3413 Nov 02 j 17:42	23°♍12'09	-0.4m
	-3413 Nov 07 j 23:03	0°♎	
desc. node	-3413 Nov 20 j 02:17	17°♎29'45	
	-3413 Nov 28 j 04:43	0°♏	
morning set	-3413 Nov 30 j 15:42	3°♏55'03	
max. Earth dist.	-3413 Dec 06 j 16:53	13°♏50'10	1.41198 AU
superior conj	-3413 Dec 14 j 10:00	27°♏07'15	-1°-54'-35
minimum elong	-3413 Dec 14 j 08:21	26°♏59'59	1°54'39
	-3413 Dec 16 j 00:47	0°♐	
evening rise	-3413 Dec 24 j 20:11	16°♐09'43	
	-3412 Jan 01 j 11:20	0°♑	
asc. node	-3412 Jan 04 j 23:43	5°♑40'47	
evening max el	-3412 Jan 10 j 03:08	12°♑09'40	18°14'23
retrograde	-3412 Jan 17 j 04:02	15°♑41'40	
evening set	-3412 Jan 19 j 17:25	15°♑14'32	
inferior conj	-3412 Jan 26 j 18:09	10°♑27'00	3°58'30
minimum elong	-3412 Jan 26 j 19:14	10°♑24'35	3°58'19
min. Earth dist.	-3412 Jan 30 j 01:20	7°♑33'26	0.60103 AU
morning rise	-3412 Feb 02 j 18:07	4°♑50'40	
direct	-3412 Feb 09 j 10:20	2°♑47'50	
desc. node	-3412 Feb 16 j 01:39	4°♑38'55	
morning max el	-3412 Feb 23 j 15:06	10°♑27'25	27°17'04
	-3412 Mar 09 j 19:14	0°♒	
morning set	-3412 Mar 25 j 19:08	29°♒10'10	
	-3412 Mar 26 j 04:44	0°♓	
superior conj	-3412 Apr 01 j 23:11	14°♓32'47	0°00'00
minimum elong	-3412 Apr 01 j 23:12	14°♓32'49	0°00'01
behind sun begin	-3412 Apr 01 j 18:35	14°♓07'37	
behind sun end	-3412 Apr 02 j 03:48	14°♓58'01	
max. Earth dist.	-3412 Apr 01 j 09:49	13°♓19'37	1.32546 AU
asc. node	-3412 Apr 01 j 23:10	14°♓32'40	
evening rise	-3412 Apr 08 j 23:07	29°♓40'26	
	-3412 Apr 09 j 02:51	0°♈	
	-3412 Apr 25 j 19:16	0°♉	
evening max el	-3412 May 06 j 18:26	13°♉23'29	25°46'54
desc. node	-3412 May 14 j 00:30	18°♉48'37	
retrograde	-3412 May 20 j 20:18	20°♉37'39	
evening set	-3412 May 26 j 16:17	19°♉16'00	
min. Earth dist.	-3412 May 31 j 06:47	16°♉32'29	0.58550 AU
inferior conj	-3412 Jun 03 j 14:12	14°♉08'06	-4°-15'-3

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3412 Jun 03 j 11:43	14°♉12'38	4°14'47
morning rise	-3412 Jun 11 j 11:04	9°♉44'52	
direct	-3412 Jun 13 j 22:40	9°♉24'48	
morning max el	-3412 Jun 22 j 01:33	13°♉15'02	18°40'14
asc. node	-3412 Jun 28 j 22:38	22°♉05'19	
	-3412 Jul 03 j 12:50	0°♊	
morning set	-3412 Jul 08 j 08:48	9°♊10'36	
superior conj	-3412 Jul 17 j 05:45	26°♊15'54	1°48'53
minimum elong	-3412 Jul 17 j 06:09	26°♊17'45	1°49'00
	-3412 Jul 19 j 05:50	0°♋	
max. Earth dist.	-3412 Jul 24 j 08:18	9°♋12'49	1.39474 AU
evening rise	-3412 Jul 28 j 12:19	16°♋24'53	
	-3412 Aug 05 j 20:22	0°♌	
desc. node	-3412 Aug 09 j 23:38	6°♌22'02	
	-3412 Aug 27 j 03:31	0°♍	
evening max el	-3412 Sep 01 j 17:07	6°♍10'56	23°59'15
retrograde	-3412 Sep 12 j 14:33	12°♍35'53	
evening set	-3412 Sep 17 j 20:07	10°♍24'12	
min. Earth dist.	-3412 Sep 22 j 16:17	4°♍46'11	0.67361 AU
inferior conj	-3412 Sep 23 j 05:02	4°♍02'54	0°-34'-47
minimum elong	-3412 Sep 23 j 05:51	4°♍00'07	0°34'24
asc. node	-3412 Sep 24 j 21:43	1°♍47'34	
	-3412 Sep 26 j 09:26	30°℞♌	
morning rise	-3412 Sep 28 j 15:47	27°♌52'41	
direct	-3412 Oct 02 j 12:53	26°♌27'15	
	-3412 Oct 09 j 10:42	0°♍	
morning max el	-3412 Oct 10 j 18:11	1°♍16'13	20°47'31
greatest brilliancy	-3412 Oct 16 j 16:58	8°♍18'40	-0.5m
	-3412 Oct 31 j 18:47	0°♎	
desc. node	-3412 Nov 05 j 23:15	7°♎54'57	
morning set	-3412 Nov 08 j 19:07	12°♎17'42	
max. Earth dist.	-3412 Nov 17 j 22:43	26°♎48'51	1.42975 AU
	-3412 Nov 19 j 21:40	0°♏	
superior conj	-3412 Nov 24 j 13:07	7°♏41'58	-1°-40'-49
minimum elong	-3412 Nov 24 j 07:36	7°♏18'49	1°40'30
evening rise	-3412 Dec 06 j 13:43	28°♏32'22	
	-3412 Dec 07 j 09:29	0°♐	
asc. node	-3412 Dec 21 j 20:45	23°♐21'52	
evening max el	-3412 Dec 23 j 14:27	25°♐16'55	18°08'12
retrograde	-3412 Dec 30 j 05:15	28°♐44'47	
evening set	-3411 Jan 01 j 21:36	28°♐10'09	
inferior conj	-3411 Jan 08 j 10:20	23°♐01'07	3°58'38
minimum elong	-3411 Jan 08 j 09:04	23°♐04'20	3°58'26
min. Earth dist.	-3411 Jan 11 j 07:01	20°♐08'46	0.62079 AU
morning rise	-3411 Jan 14 j 18:22	17°♐10'03	
direct	-3411 Jan 21 j 19:09	14°♐37'01	
desc. node	-3411 Feb 01 j 22:41	19°♐46'29	
morning max el	-3411 Feb 04 j 18:56	22°♐22'19	27°42'45
	-3411 Feb 11 j 13:35	0°♑	
	-3411 Mar 02 j 21:08	0°♒	
morning set	-3411 Mar 09 j 23:28	13°♒44'41	
max. Earth dist.	-3411 Mar 15 j 20:30	26°♒05'33	1.32798 AU
superior conj	-3411 Mar 17 j 09:32	29°♒25'47	0°-25'-20
minimum elong	-3411 Mar 17 j 10:41	29°♒32'01	0°25'10
	-3411 Mar 17 j 15:50	0°♓	
asc. node	-3411 Mar 19 j 20:09	4°♓44'27	
evening rise	-3411 Mar 24 j 10:35	14°♓37'44	
	-3411 Apr 01 j 05:01	0°♈	
evening max el	-3411 Apr 18 j 10:52	24°♈17'09	24°21'43
	-3411 Apr 26 j 12:39	0°♉	
desc. node	-3411 Apr 30 j 21:36	1°♉12'40	
retrograde	-3411 May 02 j 08:36	1°♉17'34	
evening set	-3411 May 06 j 21:06	0°♉31'38	
	-3411 May 08 j 06:42	30°℞♈	

min. Earth dist.	-3411 May 12 j 22:38	27°♈30'29	0.56742 AU
inferior conj	-3411 May 15 j 14:39	25°♈48'55	-3°-33'-2
minimum elong	-3411 May 15 j 08:59	25°♈57'58	3°31'50
morning rise	-3411 May 24 j 00:56	21°♈44'15	
direct	-3411 May 26 j 12:41	21°♈27'26	
morning max el	-3411 Jun 05 j 00:20	25°♈51'34	19°32'49
	-3411 Jun 08 j 18:16	0°♉	
asc. node	-3411 Jun 15 j 19:39	10°♉55'48	
morning set	-3411 Jun 22 j 08:59	23°♉28'45	
	-3411 Jun 25 j 14:47	0°♊	
superior conj	-3411 Jun 30 j 12:21	9°♊46'42	1°45'53
minimum elong	-3411 Jun 30 j 10:54	9°♊39'35	1°45'55
max. Earth dist.	-3411 Jul 06 j 10:24	21°♊06'58	1.37545 AU
evening rise	-3411 Jul 10 j 07:59	28°♊12'58	
	-3411 Jul 11 j 08:08	0°♋	
desc. node	-3411 Jul 27 j 20:40	26°♋35'35	
	-3411 Jul 30 j 05:23	0°♌	
evening max el	-3411 Aug 15 j 03:52	19°♌41'49	25°16'08
retrograde	-3411 Aug 27 j 01:55	26°♌36'24	
evening set	-3411 Sep 01 j 22:31	24°♌07'03	
min. Earth dist.	-3411 Sep 06 j 09:47	19°♌05'02	0.66947 AU
inferior conj	-3411 Sep 07 j 09:24	17°♌47'50	-1°-28'-12
minimum elong	-3411 Sep 07 j 11:28	17°♌41'03	1°27'19
asc. node	-3411 Sep 11 j 18:47	12°♌43'51	
morning rise	-3411 Sep 13 j 00:57	11°♌45'31	
direct	-3411 Sep 16 j 10:50	10°♌38'03	
morning max el	-3411 Sep 23 j 20:21	14°♌53'16	19°41'15
greatest brilliancy	-3411 Oct 02 j 04:49	25°♌28'55	-0.6m
	-3411 Oct 05 j 07:09	0°♍	
morning set	-3411 Oct 18 j 18:21	20°♍35'52	
desc. node	-3411 Oct 23 j 20:15	28°♍30'33	
	-3411 Oct 24 j 19:07	0°♎	
max. Earth dist.	-3411 Oct 31 j 11:12	10°♎30'40	1.44235 AU
superior conj	-3411 Nov 04 j 12:54	17°♎00'56	-1°-10'-8
minimum elong	-3411 Nov 04 j 05:46	16°♎32'16	1°09'24
	-3411 Nov 12 j 11:56	0°♏	
evening rise	-3411 Nov 18 j 12:05	10°♏02'36	
	-3411 Nov 30 j 14:04	0°♐	
evening max el	-3411 Dec 07 j 03:06	8°♐35'59	18°20'59
asc. node	-3411 Dec 08 j 17:47	10°♐04'51	
retrograde	-3411 Dec 13 j 16:28	12°♐10'40	
evening set	-3411 Dec 16 j 12:48	11°♐27'12	
inferior conj	-3411 Dec 22 j 16:08	5°♐58'35	3°39'46
minimum elong	-3411 Dec 22 j 13:28	6°♐06'04	3°39'13
min. Earth dist.	-3411 Dec 24 j 22:28	3°♐26'05	0.63830 AU
	-3411 Dec 28 j 11:14	30°℞♏	
morning rise	-3411 Dec 28 j 12:38	29°♏57'10	
direct	-3410 Jan 04 j 11:59	27°♏08'25	
	-3410 Jan 12 j 07:44	0°♐	
morning max el	-3410 Jan 18 j 02:59	4°♐53'22	27°32'13
desc. node	-3410 Jan 19 j 19:44	6°♐38'04	
	-3410 Feb 06 j 04:47	0°♑	
morning set	-3410 Feb 21 j 20:41	27°♑53'55	
	-3410 Feb 22 j 21:59	0°♒	
max. Earth dist.	-3410 Feb 27 j 00:26	8°♒25'11	1.33443 AU
superior conj	-3410 Mar 01 j 16:48	14°♒05'37	0°-50'-18
minimum elong	-3410 Mar 01 j 19:01	14°♒17'26	0°49'59
asc. node	-3410 Mar 06 j 17:09	24°♒50'25	
evening rise	-3410 Mar 08 j 22:01	29°♒30'24	
	-3410 Mar 09 j 03:40	0°♓	
	-3410 Mar 26 j 14:39	0°♈	
evening max el	-3410 Mar 31 j 03:21	4°♈59'17	22°47'33
retrograde	-3410 Apr 13 j 08:07	11°♈28'12	
evening set	-3410 Apr 16 j 13:51	11°♈05'14	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3410 Apr 17 j 18:40	10°♈45'42	
min. Earth dist.	-3410 Apr 24 j 12:59	7°♈34'50	0.55516 AU
inferior conj	-3410 Apr 25 j 20:33	6°♈49'22	-2°-9'-58
minimum elong	-3410 Apr 25 j 15:09	6°♈57'08	2°08'19
morning rise	-3410 May 04 j 19:01	2°♈52'45	
direct	-3410 May 07 j 09:19	2°♈36'54	
morning max el	-3410 May 18 j 12:43	7°♈48'51	20°45'18
asc. node	-3410 Jun 02 j 16:42	0°♉16'13	
	-3410 Jun 02 j 13:20	0°♉	
morning set	-3410 Jun 06 j 15:09	8°♉07'40	
superior conj	-3410 Jun 14 j 06:26	23°♉53'54	1°35'39
minimum elong	-3410 Jun 14 j 04:01	23°♉41'32	1°35'31
	-3410 Jun 17 j 06:57	0°♊	
max. Earth dist.	-3410 Jun 18 j 18:05	2°♊53'45	1.35844 AU
evening rise	-3410 Jun 23 j 00:30	11°♊04'20	
	-3410 Jul 03 j 20:41	0°♋	
desc. node	-3410 Jul 14 j 17:42	16°♋27'01	
	-3410 Jul 25 j 12:13	0°♌	
evening max el	-3410 Jul 28 j 14:59	3°♌13'51	26°21'16
retrograde	-3410 Aug 10 j 08:28	10°♌26'49	
evening set	-3410 Aug 16 j 19:13	7°♌44'41	
min. Earth dist.	-3410 Aug 20 j 22:21	3°♌20'48	0.66195 AU
inferior conj	-3410 Aug 22 j 09:56	1°♌31'10	-2°-19'-34
minimum elong	-3410 Aug 22 j 13:06	1°♌21'25	2°18'21
	-3410 Aug 23 j 15:57	30°℞♋	
morning rise	-3410 Aug 28 j 07:52	25°♋39'59	
asc. node	-3410 Aug 29 j 15:53	25°♋03'45	
direct	-3410 Aug 31 j 08:55	24°♋47'04	
morning max el	-3410 Sep 07 j 04:56	28°♋36'58	18°49'53
	-3410 Sep 08 j 11:42	0°♌	
morning set	-3410 Sep 28 j 11:40	29°♌51'01	
	-3410 Sep 28 j 13:55	0°♍	
desc. node	-3410 Oct 10 j 17:14	19°♍12'20	
max. Earth dist.	-3410 Oct 14 j 04:09	24°♍38'53	1.44830 AU
superior conj	-3410 Oct 14 j 15:56	25°♍25'19	0°-24'-58
minimum elong	-3410 Oct 14 j 12:40	25°♍12'26	0°24'32
	-3410 Oct 17 j 13:36	0°♎	
evening rise	-3410 Oct 30 j 10:56	20°♎31'32	
	-3410 Nov 05 j 08:08	0°♏	
evening max el	-3410 Nov 20 j 14:27	22°♏00'49	18°51'40
asc. node	-3410 Nov 25 j 14:52	25°♏34'05	
retrograde	-3410 Nov 27 j 09:53	25°♏51'56	
evening set	-3410 Nov 30 j 11:49	24°♏57'39	
inferior conj	-3410 Dec 06 j 07:55	19°♏11'53	3°07'54
minimum elong	-3410 Dec 06 j 04:48	19°♏21'26	3°07'01
min. Earth dist.	-3410 Dec 07 j 23:31	17°♏10'38	0.65248 AU
morning rise	-3410 Dec 11 j 20:46	13°♏03'01	
direct	-3410 Dec 18 j 11:17	10°♏13'36	
morning max el	-3410 Dec 31 j 12:28	17°♏48'35	26°49'40
desc. node	-3409 Jan 06 j 16:47	24°♏42'55	
	-3409 Jan 10 j 19:43	0°♐	
	-3409 Jan 30 j 02:13	0°♑	
morning set	-3409 Feb 05 j 07:20	11°♑26'00	
max. Earth dist.	-3409 Feb 09 j 18:05	20°♑09'26	1.34526 AU
superior conj	-3409 Feb 13 j 18:51	28°♑24'24	-1°-13'-43
minimum elong	-3409 Feb 13 j 21:51	28°♑40'03	1°13'23
	-3409 Feb 14 j 13:12	0°♒	
evening rise	-3409 Feb 21 j 07:37	14°♒11'24	
asc. node	-3409 Feb 21 j 14:10	14°♒45'21	
	-3409 Mar 01 j 11:15	0°♓	
evening max el	-3409 Mar 13 j 01:58	15°♓55'38	21°17'44
retrograde	-3409 Mar 24 j 22:05	21°♓36'34	
evening set	-3409 Mar 27 j 09:36	21°♓22'28	
desc. node	-3409 Apr 04 j 15:46	17°♓57'26	
inferior conj	-3409 Apr 05 j 16:02	17°♓23'20	0°-16'-55
minimum elong	-3409 Apr 05 j 15:14	17°♓24'28	0°16'41
min. Earth dist.	-3409 Apr 06 j 02:51	17°♓08'05	0.55141 AU
morning rise	-3409 Apr 14 j 20:33	13°♓18'39	
direct	-3409 Apr 17 j 21:26	12°♓58'29	
morning max el	-3409 Apr 30 j 14:10	19°♓03'29	22°14'53
	-3409 May 09 j 11:48	0°♈	
asc. node	-3409 May 20 j 13:45	19°♈58'20	
morning set	-3409 May 22 j 01:08	23°♈00'38	
	-3409 May 25 j 08:51	0°♉	
superior conj	-3409 May 29 j 08:28	8°♉26'38	1°20'07
minimum elong	-3409 May 29 j 05:49	8°♉12'38	1°19'49
max. Earth dist.	-3409 Jun 01 j 11:34	14°♉57'43	1.34476 AU
evening rise	-3409 Jun 06 j 08:35	24°♉43'44	
	-3409 Jun 09 j 02:49	0°♊	
	-3409 Jun 27 j 08:36	0°♋	
desc. node	-3409 Jul 01 j 14:43	5°♋47'05	
evening max el	-3409 Jul 11 j 02:38	16°♋39'30	27°06'36
retrograde	-3409 Jul 24 j 09:40	24°♋00'36	
evening set	-3409 Jul 31 j 07:44	21°♋13'56	
min. Earth dist.	-3409 Aug 04 j 03:36	17°♋28'23	0.65076 AU
inferior conj	-3409 Aug 06 j 04:30	15°♋09'25	-3°-6'-37
minimum elong	-3409 Aug 06 j 08:21	14°♋58'29	3°05'24
morning rise	-3409 Aug 12 j 10:18	9°♋32'50	
direct	-3409 Aug 15 j 04:56	8°♋51'10	
asc. node	-3409 Aug 16 j 13:01	9°♋00'48	
morning max el	-3409 Aug 21 j 18:01	12°♋24'12	18°15'01
	-3409 Sep 03 j 00:58	0°♌	
morning set	-3409 Sep 09 j 08:28	10°♌26'53	
	-3409 Sep 21 j 07:59	0°♍	
superior conj	-3409 Sep 23 j 18:03	3°♍51'59	0°24'23
minimum elong	-3409 Sep 23 j 21:02	4°♍03'52	0°24'02
max. Earth dist.	-3409 Sep 26 j 22:42	8°♍55'59	1.44693 AU
desc. node	-3409 Sep 27 j 14:13	9°♍57'15	
evening rise	-3409 Oct 10 j 09:30	29°♍59'40	
	-3409 Oct 10 j 09:35	0°♎	
greatest brilliancy	-3409 Oct 26 j 14:58	24°♎47'50	-0.7m
	-3409 Oct 30 j 08:34	0°♏	
evening max el	-3409 Nov 03 j 22:11	5°♏28'02	19°38'49
retrograde	-3409 Nov 11 j 06:30	9°♏44'08	
asc. node	-3409 Nov 12 j 11:58	9°♏35'26	
evening set	-3409 Nov 14 j 16:02	8°♏36'43	
inferior conj	-3409 Nov 20 j 06:47	2°♏36'51	2°27'09
minimum elong	-3409 Nov 20 j 03:55	2°♏46'14	2°26'08
min. Earth dist.	-3409 Nov 21 j 08:52	1°♏11'45	0.66298 AU
	-3409 Nov 22 j 07:22	30°℞♎	
morning rise	-3409 Nov 25 j 15:06	26°♎22'48	
direct	-3409 Dec 01 j 16:19	23°♎44'29	
	-3409 Dec 12 j 22:10	0°♏	
morning max el	-3409 Dec 13 j 21:42	0°♏57'38	25°42'53
desc. node	-3409 Dec 24 j 13:50	13°♏39'47	
	-3408 Jan 04 j 20:04	0°♐	
morning set	-3408 Jan 19 j 02:58	24°♐08'11	
	-3408 Jan 22 j 06:36	0°♑	
max. Earth dist.	-3408 Jan 23 j 00:18	1°♑24'06	1.36059 AU
superior conj	-3408 Jan 28 j 13:07	12°♑14'51	-1°-34'00
minimum elong	-3408 Jan 28 j 16:21	12°♑31'04	1°33'47
evening rise	-3408 Feb 05 j 13:27	28°♑35'07	
	-3408 Feb 06 j 06:13	0°♒	
asc. node	-3408 Feb 08 j 11:12	4°♒24'29	
evening max el	-3408 Feb 23 j 10:35	27°♒24'01	20°01'42
	-3408 Feb 26 j 16:23	0°♓	
retrograde	-3408 Mar 04 j 14:15	2°♓13'36	
evening set	-3408 Mar 06 j 20:59	2°♓00'05	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3408 Mar 12 j 03:58	30°℞♒	
inferior conj	-3408 Mar 15 j 15:08	27°♒59'46	1°35'47
minimum elong	-3408 Mar 15 j 19:00	27°♒53'52	1°34'30
min. Earth dist.	-3408 Mar 17 j 16:51	26°♒44'26	0.55704 AU
desc. node	-3408 Mar 21 j 12:53	24°♒39'59	
morning rise	-3408 Mar 24 j 14:14	23°♒30'32	
direct	-3408 Mar 28 j 13:12	22°♒56'07	
morning max el	-3408 Apr 11 j 07:33	29°♒46'12	23°53'54
	-3408 Apr 11 j 13:18	0°♓	
	-3408 May 01 j 14:36	0°♈	
morning set	-3408 May 05 j 13:02	8°♈01'14	
asc. node	-3408 May 06 j 10:46	9°♈55'39	
superior conj	-3408 May 12 j 15:45	23°♈16'02	1°00'41
minimum elong	-3408 May 12 j 13:25	23°♈03'27	1°00'20
max. Earth dist.	-3408 May 14 j 14:31	27°♈26'25	1.33477 AU
	-3408 May 15 j 19:31	0°♉	
evening rise	-3408 May 20 j 03:46	8°♉57'21	
	-3408 May 31 j 12:54	0°♊	
desc. node	-3408 Jun 17 j 11:48	24°♊22'04	
evening max el	-3408 Jun 22 j 13:05	29°♊45'34	27°25'10
	-3408 Jun 22 j 19:09	0°♋	
retrograde	-3408 Jul 06 j 05:02	7°♋08'42	
evening set	-3408 Jul 13 j 08:50	4°♋29'12	
min. Earth dist.	-3408 Jul 16 j 23:35	1°♋17'49	0.63577 AU
	-3408 Jul 18 j 06:12	30°℞♊	
inferior conj	-3408 Jul 19 j 14:27	28°♊36'31	-3°-46'-20
minimum elong	-3408 Jul 19 j 18:13	28°♊26'50	3°45'28
morning rise	-3408 Jul 26 j 05:33	23°♊17'53	
direct	-3408 Jul 28 j 19:58	22°♊44'42	
asc. node	-3408 Aug 02 j 10:08	24°♊27'58	
morning max el	-3408 Aug 04 j 09:01	26°♊09'29	17°57'41
	-3408 Aug 07 j 15:34	0°♋	
morning set	-3408 Aug 21 j 06:40	22°♋15'01	
	-3408 Aug 25 j 18:13	0°♌	
superior conj	-3408 Sep 02 j 15:57	13°♌18'57	1°05'39
minimum elong	-3408 Sep 02 j 21:39	13°♌42'25	1°05'05
max. Earth dist.	-3408 Sep 08 j 15:03	23°♌00'49	1.43850 AU
desc. node	-3408 Sep 13 j 11:11	0°♍41'53	
	-3408 Sep 13 j 00:33	0°♍	
evening rise	-3408 Sep 18 j 15:41	8°♍47'04	
	-3408 Oct 02 j 16:40	0°♎	
greatest brilliancy	-3408 Oct 11 j 00:49	11°♎45'04	-0.5m
evening max el	-3408 Oct 17 j 00:23	18°♎54'22	20°40'24
retrograde	-3408 Oct 25 j 03:51	23°♎43'05	
evening set	-3408 Oct 28 j 23:06	22°♎20'01	
asc. node	-3408 Oct 29 j 09:06	22°♎00'45	
inferior conj	-3408 Nov 03 j 10:13	16°♎09'28	1°40'16
minimum elong	-3408 Nov 03 j 08:04	16°♎16'47	1°39'24
min. Earth dist.	-3408 Nov 04 j 00:23	15°♎21'20	0.66996 AU
morning rise	-3408 Nov 08 j 16:34	9°♎52'41	
direct	-3408 Nov 14 j 02:32	7°♎32'35	
morning max el	-3408 Nov 25 j 06:26	14°♎11'51	24°21'16
	-3408 Dec 08 j 03:46	0°♏	
desc. node	-3408 Dec 10 j 10:51	3°♏12'56	
	-3408 Dec 27 j 17:14	0°♐	
morning set	-3408 Dec 31 j 01:50	5°♐44'34	
max. Earth dist.	-3407 Jan 03 j 21:52	12°♐32'03	1.37956 AU
superior conj	-3407 Jan 10 j 20:08	25°♐27'06	-1°-49'00
minimum elong	-3407 Jan 10 j 22:36	25°♐39'00	1°49'00
	-3407 Jan 13 j 04:26	0°♑	
evening rise	-3407 Jan 19 j 13:14	12°♑34'51	
asc. node	-3407 Jan 25 j 08:14	23°♑41'56	
	-3407 Jan 28 j 23:39	0°♒	
evening max el	-3407 Feb 05 j 05:39	9°♒28'54	19°04'18
retrograde	-3407 Feb 13 j 20:23	13°♒36'30	
evening set	-3407 Feb 16 j 04:50	13°♒19'20	
inferior conj	-3407 Feb 24 j 06:03	9°♒05'02	2°59'56
minimum elong	-3407 Feb 24 j 10:50	8°♒56'41	2°58'44
min. Earth dist.	-3407 Feb 27 j 08:17	6°♒56'33	0.57065 AU
morning rise	-3407 Mar 04 j 12:58	4°♒04'55	
desc. node	-3407 Mar 08 j 09:59	3°♒05'58	
direct	-3407 Mar 09 j 17:02	3°♒01'57	
morning max el	-3407 Mar 23 j 22:35	10°♒21'51	25°29'24
	-3407 Apr 07 j 20:01	0°♓	
morning set	-3407 Apr 20 j 01:10	23°♓03'39	
asc. node	-3407 Apr 23 j 07:46	0°♈03'10	
	-3407 Apr 23 j 07:11	0°♈	
superior conj	-3407 Apr 27 j 02:11	8°♈15'16	0°38'30
minimum elong	-3407 Apr 27 j 00:34	8°♈06'26	0°38'12
max. Earth dist.	-3407 Apr 28 j 00:14	10°♈15'22	1.32840 AU
evening rise	-3407 May 04 j 06:39	23°♈34'39	
	-3407 May 07 j 11:15	0°♉	
	-3407 May 25 j 08:57	0°♊	
desc. node	-3407 Jun 04 j 08:52	11°♊52'53	
evening max el	-3407 Jun 04 j 20:00	12°♊19'49	27°12'08
retrograde	-3407 Jun 18 j 18:00	19°♊41'58	
evening set	-3407 Jun 25 j 18:37	17°♊23'52	
min. Earth dist.	-3407 Jun 29 j 09:34	14°♊36'04	0.61742 AU
inferior conj	-3407 Jul 02 j 12:38	11°♊45'30	-4°-14'-4
minimum elong	-3407 Jul 02 j 15:07	11°♊39'51	4°13'43
morning rise	-3407 Jul 09 j 14:21	6°♊47'33	
direct	-3407 Jul 12 j 02:30	6°♊20'39	
morning max el	-3407 Jul 18 j 23:12	9°♊46'36	17°58'48
asc. node	-3407 Jul 20 j 07:12	11°♊10'51	
	-3407 Aug 01 j 06:37	0°♋	
morning set	-3407 Aug 04 j 00:50	5°♋00'41	
superior conj	-3407 Aug 14 j 17:32	24°♋08'28	1°32'54
minimum elong	-3407 Aug 14 j 21:58	24°♋27'41	1°32'41
	-3407 Aug 18 j 03:36	0°♌	
max. Earth dist.	-3407 Aug 22 j 02:10	6°♌34'50	1.42421 AU
evening rise	-3407 Aug 28 j 23:40	17°♌41'47	
desc. node	-3407 Aug 31 j 08:10	21°♌23'13	
	-3407 Sep 05 j 22:55	0°♍	
greatest brilliancy	-3407 Sep 25 j 00:24	26°♍50'02	-0.4m
	-3407 Sep 27 j 16:26	0°♎	
evening max el	-3407 Sep 29 j 20:24	2°♎20'01	21°53'19
retrograde	-3407 Oct 08 j 23:59	7°♎46'19	
evening set	-3407 Oct 13 j 07:08	6°♎05'25	
asc. node	-3407 Oct 16 j 06:13	3°♎01'17	
inferior conj	-3407 Oct 18 j 16:11	29°♍47'51	0°49'22
minimum elong	-3407 Oct 18 j 15:03	29°♍51'44	0°48'54
	-3407 Oct 18 j 12:40	30°℞♍	
min. Earth dist.	-3407 Oct 18 j 19:40	29°♍35'49	0.67375 AU
morning rise	-3407 Oct 23 j 22:45	23°♍31'04	
direct	-3407 Oct 28 j 17:26	21°♍32'20	
morning max el	-3407 Nov 07 j 16:36	27°♍28'53	22°54'31
	-3407 Nov 10 j 01:00	0°♎	
greatest brilliancy	-3407 Nov 12 j 12:33	2°♎54'34	-0.3m
desc. node	-3407 Nov 27 j 07:50	23°♎11'53	
	-3407 Dec 01 j 20:14	0°♏	
morning set	-3407 Dec 11 j 21:52	15°♏59'56	
max. Earth dist.	-3407 Dec 16 j 17:42	24°♏06'59	1.40030 AU
	-3407 Dec 20 j 02:53	0°♐	
superior conj	-3407 Dec 24 j 11:21	7°♐48'58	-1°-55'-49
minimum elong	-3407 Dec 24 j 11:39	7°♐50'22	1°55'56
evening rise	-3406 Jan 03 j 04:06	26°♐02'56	
	-3406 Jan 05 j 06:02	0°♑	
asc. node	-3406 Jan 12 j 05:16	12°♑29'47	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3406 Jan 19 j 09:18	22°♑04'43	18°26'52
retrograde	-3406 Jan 26 j 20:47	25°♑45'09	
evening set	-3406 Jan 29 j 08:24	25°♑22'04	
inferior conj	-3406 Feb 05 j 17:23	20°♑47'37	3°46'42
minimum elong	-3406 Feb 05 j 20:04	20°♑42'09	3°46'16
min. Earth dist.	-3406 Feb 09 j 02:59	18°♑03'24	0.58935 AU
morning rise	-3406 Feb 13 j 04:13	15°♑22'12	
direct	-3406 Feb 19 j 10:15	13°♑40'43	
desc. node	-3406 Feb 23 j 07:04	14°♑18'20	
morning max el	-3406 Mar 05 j 16:45	21°♑16'12	26°46'12
	-3406 Mar 13 j 07:27	0°♒	
	-3406 Mar 31 j 13:04	0°♓	
morning set	-3406 Apr 04 j 11:45	8°♓00'27	
asc. node	-3406 Apr 10 j 04:45	20°♓15'31	
superior conj	-3406 Apr 11 j 13:52	23°♓16'43	0°14'26
minimum elong	-3406 Apr 11 j 13:13	23°♓13'13	0°14'16
behind sun begin	-3406 Apr 11 j 11:05	23°♓01'32	
behind sun end	-3406 Apr 11 j 15:21	23°♓24'55	
max. Earth dist.	-3406 Apr 11 j 13:13	23°♓13'13	1.32552 AU
	-3406 Apr 14 j 15:44	0°♈	
evening rise	-3406 Apr 18 j 14:29	8°♈25'32	
	-3406 Apr 29 j 22:20	0°♉	
evening max el	-3406 May 17 j 21:19	24°♉12'59	26°26'29
desc. node	-3406 May 22 j 05:56	27°♉52'02	
	-3406 May 25 j 19:24	0°♊	
retrograde	-3406 May 31 j 23:07	1°♊31'23	
	-3406 Jun 06 j 23:07	30°℞♉	
evening set	-3406 Jun 07 j 08:48	29°♉47'33	
min. Earth dist.	-3406 Jun 11 j 10:32	27°♉07'09	0.59709 AU
inferior conj	-3406 Jun 14 j 19:27	24°♉26'56	-4°-22'-40
minimum elong	-3406 Jun 14 j 19:07	24°♉27'37	4°22'35
morning rise	-3406 Jun 22 j 08:58	19°♉50'57	
direct	-3406 Jun 24 j 20:22	19°♉28'47	
morning max el	-3406 Jul 02 j 09:34	23°♉06'52	18°19'19
asc. node	-3406 Jul 07 j 04:14	28°♉53'20	
	-3406 Jul 07 j 22:22	0°♊	
morning set	-3406 Jul 18 j 09:45	18°♊30'04	
	-3406 Jul 24 j 11:32	0°♋	
superior conj	-3406 Jul 27 j 20:04	6°♋12'30	1°46'24
minimum elong	-3406 Jul 27 j 21:53	6°♋20'47	1°46'28
max. Earth dist.	-3406 Aug 04 j 07:28	19°♋26'51	1.40599 AU
evening rise	-3406 Aug 09 j 03:04	27°♋32'15	
	-3406 Aug 10 j 15:12	0°♌	
desc. node	-3406 Aug 18 j 05:09	11°♌57'35	
	-3406 Aug 30 j 14:22	0°♍	
greatest brilliancy	-3406 Sep 06 j 16:56	9°♍17'36	-0.2m
evening max el	-3406 Sep 12 j 11:09	15°♍46'56	23°12'59
retrograde	-3406 Sep 22 j 17:26	21°♍51'29	
evening set	-3406 Sep 27 j 14:22	19°♍51'17	
inferior conj	-3406 Oct 02 j 22:53	13°♍30'26	0°-3'-46
minimum elong	-3406 Oct 02 j 22:58	13°♍30'08	0°03'42
transit middle	-3406 Oct 02 j 22:58	13°♍30'08	0°03'42
transit begin	-3406 Oct 02 j 20:20	13°♍39'11	
transit end	-3406 Oct 03 j 01:36	13°♍21'05	
min. Earth dist.	-3406 Oct 02 j 16:10	13°♍53'31	0.67450 AU
asc. node	-3406 Oct 03 j 03:18	13°♍15'17	
morning rise	-3406 Oct 08 j 07:35	7°♍16'46	
direct	-3406 Oct 12 j 12:08	5°♍39'29	
morning max el	-3406 Oct 21 j 07:26	10°♍51'46	21°31'16
greatest brilliancy	-3406 Oct 26 j 10:52	16°♍47'02	-0.4m
	-3406 Nov 05 j 02:50	0°♎	
desc. node	-3406 Nov 14 j 04:48	13°♎29'24	
morning set	-3406 Nov 21 j 13:33	24°♎54'50	
	-3406 Nov 24 j 18:05	0°♏	
max. Earth dist.	-3406 Nov 28 j 18:57	6°♏34'18	1.42004 AU
superior conj	-3406 Dec 06 j 05:20	19°♏07'24	-1°-50'-42
minimum elong	-3406 Dec 06 j 02:02	18°♏53'08	1°50'40
	-3406 Dec 12 j 09:16	0°♐	
evening rise	-3406 Dec 17 j 06:38	8°♐52'08	
	-3406 Dec 29 j 15:14	0°♑	
asc. node	-3406 Dec 30 j 02:19	0°♑38'53	
evening max el	-3405 Jan 02 j 18:45	5°♑03'33	18°09'24
retrograde	-3405 Jan 09 j 14:02	8°♑31'52	
evening set	-3405 Jan 12 j 04:42	8°♑01'37	
inferior conj	-3405 Jan 19 j 00:02	3°♑05'04	4°01'18
minimum elong	-3405 Jan 19 j 00:01	3°♑05'06	4°01'11
min. Earth dist.	-3405 Jan 22 j 03:40	0°♑09'12	0.60967 AU
	-3405 Jan 22 j 07:49	30°℞♐	
morning rise	-3405 Jan 25 j 16:43	27°♐22'03	
direct	-3405 Feb 01 j 14:12	25°♐04'33	
desc. node	-3405 Feb 10 j 04:08	28°♐10'02	
	-3405 Feb 12 j 14:49	0°♑	
morning max el	-3405 Feb 15 j 16:53	2°♑47'01	27°32'21
	-3405 Mar 07 j 16:28	0°♒	
morning set	-3405 Mar 19 j 18:58	22°♒45'01	
	-3405 Mar 23 j 05:48	0°♓	
max. Earth dist.	-3405 Mar 26 j 01:49	6°♓07'12	1.32611 AU
superior conj	-3405 Mar 27 j 01:10	8°♓14'27	0°-10'-42
minimum elong	-3405 Mar 27 j 01:39	8°♓17'07	0°10'40
behind sun begin	-3405 Mar 26 j 21:54	7°♓56'38	
behind sun end	-3405 Mar 27 j 05:24	8°♓37'36	
asc. node	-3405 Mar 28 j 01:44	10°♓28'37	
evening rise	-3405 Apr 03 j 01:11	23°♓22'33	
	-3405 Apr 06 j 06:25	0°♈	
	-3405 Apr 24 j 17:01	0°♉	
evening max el	-3405 Apr 29 j 16:32	5°♉25'12	25°12'44
desc. node	-3405 May 09 j 03:01	11°♉44'51	
retrograde	-3405 May 13 j 17:49	12°♉34'29	
evening set	-3405 May 19 j 00:59	11°♉29'21	
min. Earth dist.	-3405 May 24 j 04:48	8°♉39'44	0.57732 AU
inferior conj	-3405 May 27 j 07:32	6°♉31'44	-4°-2'-9
minimum elong	-3405 May 27 j 03:29	6°♉38'43	4°01'32
morning rise	-3405 Jun 04 j 10:00	2°♉16'45	
direct	-3405 Jun 06 j 21:36	1°♉58'10	
morning max el	-3405 Jun 15 j 13:15	6°♉01'17	19°00'04
asc. node	-3405 Jun 24 j 01:15	17°♉22'05	
	-3405 Jun 30 j 22:05	0°♊	
morning set	-3405 Jul 02 j 05:17	2°♊32'44	
superior conj	-3405 Jul 10 j 17:56	19°♊15'29	1°48'38
minimum elong	-3405 Jul 10 j 17:27	19°♊13'07	1°48'44
	-3405 Jul 16 j 11:46	0°♋	
max. Earth dist.	-3405 Jul 17 j 09:35	1°♋38'45	1.38639 AU
evening rise	-3405 Jul 21 j 08:28	8°♋37'51	
	-3405 Aug 03 j 12:54	0°♌	
desc. node	-3405 Aug 05 j 02:10	2°♌20'09	
evening max el	-3405 Aug 25 j 22:46	29°♌16'27	24°33'02
	-3405 Aug 26 j 16:40	0°♍	
retrograde	-3405 Sep 06 j 07:03	5°♍54'36	
evening set	-3405 Sep 11 j 19:01	3°♍35'16	
	-3405 Sep 15 j 02:24	30°℞♌	
min. Earth dist.	-3405 Sep 16 j 11:24	28°♌12'12	0.67223 AU
inferior conj	-3405 Sep 17 j 04:35	27°♌14'40	0°-57'-35
minimum elong	-3405 Sep 17 j 05:57	27°♌10'07	0°56'57
asc. node	-3405 Sep 20 j 00:22	23°♌39'34	
morning rise	-3405 Sep 22 j 17:10	21°♌07'21	
direct	-3405 Sep 26 j 09:20	19°♌49'45	
morning max el	-3405 Oct 04 j 05:16	24°♌23'00	20°17'41
	-3405 Oct 09 j 00:26	0°♍	
greatest brilliancy	-3405 Oct 10 j 23:57	2°♍37'15	-0.6m
	-3405 Oct 29 j 11:49	0°♎	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3405 Oct 31 j 12:09	3°♎06'39	
desc. node	-3405 Nov 01 j 01:46	3°♎59'26	
max. Earth dist.	-3405 Nov 11 j 04:09	19°♎54'30	1.43591 AU
superior conj	-3405 Nov 16 j 20:53	29°♎09'47	-1°-29'-55
minimum elong	-3405 Nov 16 j 14:09	28°♎42'05	1°29'23
	-3405 Nov 17 j 09:04	0°♏	
evening rise	-3405 Nov 29 j 16:34	20°♏53'31	
	-3405 Dec 04 j 22:42	0°♐	
asc. node	-3405 Dec 16 j 23:23	17°♐57'05	
evening max el	-3405 Dec 17 j 07:02	18°♐16'44	18°11'19
retrograde	-3405 Dec 23 j 20:02	21°♐45'55	
evening set	-3405 Dec 26 j 14:02	21°♐07'33	
inferior conj	-3404 Jan 01 j 22:28	15°♐49'43	3°52'29
minimum elong	-3404 Jan 01 j 20:29	15°♐54'59	3°52'10
min. Earth dist.	-3404 Jan 04 j 13:11	13°♐04'17	0.62871 AU
morning rise	-3404 Jan 08 j 01:08	9°♐54'06	
direct	-3404 Jan 15 j 02:28	7°♐12'42	
desc. node	-3404 Jan 28 j 01:11	14°♐05'46	
morning max el	-3404 Jan 28 j 22:41	14°♐57'38	27°42'29
	-3404 Feb 10 j 06:11	0°♑	
	-3404 Feb 28 j 05:14	0°♒	
morning set	-3404 Mar 02 j 20:36	7°♒09'28	
max. Earth dist.	-3404 Mar 08 j 10:13	18°♒43'40	1.33030 AU
superior conj	-3404 Mar 10 j 10:26	23°♒02'18	0°-36'-2
minimum elong	-3404 Mar 10 j 12:03	23°♒11'03	0°35'48
asc. node	-3404 Mar 13 j 22:45	0°♓38'17	
	-3404 Mar 13 j 15:40	0°♓	
evening rise	-3404 Mar 17 j 12:52	8°♓18'38	
	-3404 Mar 28 j 23:25	0°♈	
evening max el	-3404 Apr 10 j 08:18	16°♈10'29	23°41'51
retrograde	-3404 Apr 24 j 00:14	22°♈59'18	
desc. node	-3404 Apr 25 j 00:06	22°♈57'05	
evening set	-3404 Apr 27 j 23:03	22°♈24'56	
min. Earth dist.	-3404 May 04 j 19:27	19°♈13'02	0.56133 AU
inferior conj	-3404 May 06 j 23:34	17°♈54'25	-3°-2'-40
minimum elong	-3404 May 06 j 17:25	18°♈03'44	3°01'05
morning rise	-3404 May 15 j 15:24	13°♈54'58	
direct	-3404 May 18 j 04:00	13°♈38'48	
morning max el	-3404 May 28 j 07:43	18°♈21'28	20°01'22
	-3404 Jun 06 j 06:09	0°♉	
asc. node	-3404 Jun 09 j 22:17	6°♉26'23	
morning set	-3404 Jun 15 j 08:21	17°♉00'54	
	-3404 Jun 21 j 17:29	0°♊	
superior conj	-3404 Jun 23 j 05:56	3°♊03'20	1°42'18
minimum elong	-3404 Jun 23 j 03:59	2°♊53'32	1°42'17
max. Earth dist.	-3404 Jun 28 j 13:48	13°♊28'17	1.36782 AU
evening rise	-3404 Jul 02 j 13:40	20°♊54'31	
	-3404 Jul 07 j 17:13	0°♋	
desc. node	-3404 Jul 21 j 23:12	22°♋25'22	
	-3404 Jul 27 j 10:54	0°♌	
evening max el	-3404 Aug 07 j 09:36	12°♌48'36	25°45'47
retrograde	-3404 Aug 19 j 16:17	19°♌51'48	
evening set	-3404 Aug 25 j 19:16	17°♌16'04	
min. Earth dist.	-3404 Aug 30 j 02:58	12°♌30'23	0.66673 AU
inferior conj	-3404 Aug 31 j 07:34	10°♌59'06	-1°-50'-22
minimum elong	-3404 Aug 31 j 10:08	10°♌50'54	1°49'17
asc. node	-3404 Sep 05 j 21:28	5°♌08'03	
morning rise	-3404 Sep 06 j 01:39	5°♌01'21	
direct	-3404 Sep 09 j 07:34	4°♌00'26	
morning max el	-3404 Sep 16 j 10:25	8°♌03'24	19°17'33
greatest brilliancy	-3404 Sep 27 j 02:47	22°♌15'04	-0.7m
	-3404 Oct 02 j 04:23	0°♍	
morning set	-3404 Oct 09 j 16:58	11°♍43'43	
desc. node	-3404 Oct 17 j 22:46	24°♍38'05	
	-3404 Oct 21 j 08:42	0°♎	
max. Earth dist.	-3404 Oct 23 j 19:28	3°♎51'49	1.44579 AU
superior conj	-3404 Oct 26 j 10:08	8°♎00'06	0°-52'-19
minimum elong	-3404 Oct 26 j 03:57	7°♎35'33	0°51'35
	-3404 Nov 09 j 00:35	0°♏	
evening rise	-3404 Nov 10 j 05:24	1°♏58'44	
	-3404 Nov 28 j 07:44	0°♐	
evening max el	-3404 Nov 29 j 19:24	1°♐38'28	18°31'49
asc. node	-3404 Dec 02 j 20:28	4°♐10'36	
retrograde	-3404 Dec 06 j 10:28	5°♐19'12	
evening set	-3404 Dec 09 j 08:58	4°♐31'19	
	-3404 Dec 14 j 10:27	30°℞♏	
inferior conj	-3404 Dec 15 j 08:57	28°♏54'43	3°27'33
minimum elong	-3404 Dec 15 j 06:00	29°♏03'22	3°26'50
min. Earth dist.	-3404 Dec 17 j 08:49	26°♏34'49	0.64480 AU
morning rise	-3404 Dec 21 j 01:46	22°♏49'42	
direct	-3404 Dec 27 j 21:55	19°♏59'20	
morning max el	-3403 Jan 10 j 07:54	27°♏41'08	27°17'38
	-3403 Jan 12 j 13:18	0°♐	
desc. node	-3403 Jan 13 j 22:15	1°♐31'34	
	-3403 Feb 02 j 22:31	0°♑	
morning set	-3403 Feb 14 j 13:50	21°♑04'23	
	-3403 Feb 19 j 00:43	0°♒	
max. Earth dist.	-3403 Feb 19 j 10:27	0°♒50'00	1.33854 AU
superior conj	-3403 Feb 22 j 15:46	7°♒33'49	-1°00'-31
minimum elong	-3403 Feb 22 j 18:23	7°♒47'34	1°00'10
asc. node	-3403 Feb 28 j 19:46	20°♒40'03	
evening rise	-3403 Mar 01 j 23:47	23°♒07'10	
	-3403 Mar 05 j 08:32	0°♓	
evening max el	-3403 Mar 23 j 02:32	26°♓54'53	22°07'59
	-3403 Mar 26 j 20:31	0°♈	
retrograde	-3403 Apr 04 j 19:07	3°♈05'27	
evening set	-3403 Apr 07 j 15:15	2°♈47'35	
desc. node	-3403 Apr 11 j 21:12	1°♈21'40	
	-3403 Apr 14 j 14:23	30°℞♓	
inferior conj	-3403 Apr 16 j 23:32	28°♓40'22	-1°-24'-7
minimum elong	-3403 Apr 16 j 19:44	28°♓45'44	1°22'52
min. Earth dist.	-3403 Apr 16 j 09:16	29°♓00'30	0.55239 AU
morning rise	-3403 Apr 26 j 01:47	24°♓42'59	
direct	-3403 Apr 28 j 19:07	24°♓26'18	
morning max el	-3403 May 10 j 15:27	0°♈00'30	21°21'48
	-3403 May 10 j 15:14	0°♈	
asc. node	-3403 May 27 j 19:20	25°♈56'40	
	-3403 May 29 j 19:38	0°♉	
morning set	-3403 May 30 j 16:24	1°♉46'34	
superior conj	-3403 Jun 07 j 03:50	17°♉22'44	1°29'37
minimum elong	-3403 Jun 07 j 01:14	17°♉09'16	1°29'25
max. Earth dist.	-3403 Jun 11 j 01:21	25°♉19'49	1.35210 AU
	-3403 Jun 13 j 10:00	0°♊	
evening rise	-3403 Jun 15 j 13:25	4°♊07'46	
	-3403 Jun 30 j 13:18	0°♋	
desc. node	-3403 Jul 08 j 20:14	12°♋04'44	
evening max el	-3403 Jul 20 j 20:46	26°♋17'59	26°43'21
	-3403 Jul 25 j 03:33	0°♌	
retrograde	-3403 Aug 02 j 20:41	3°♌36'02	
evening set	-3403 Aug 09 j 12:50	0°♌50'21	
	-3403 Aug 10 j 11:28	30°℞♋	
min. Earth dist.	-3403 Aug 13 j 12:36	26°♋43'14	0.65764 AU
inferior conj	-3403 Aug 15 j 05:49	24°♋40'13	-2°-40'-13
minimum elong	-3403 Aug 15 j 09:21	24°♋29'42	2°38'58
morning rise	-3403 Aug 21 j 06:57	18°♋55'08	
asc. node	-3403 Aug 23 j 18:35	18°♋08'34	
direct	-3403 Aug 24 j 04:56	18°♋07'31	
morning max el	-3403 Aug 30 j 21:16	21°♋49'13	18°33'01

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3403 Sep 06 j 07:08	0°♌		
morning set	-3403 Sep 19 j 21:37	21°♌32'02		
	-3403 Sep 25 j 03:47	0°♍		
desc. node	-3403 Oct 04 j 19:46	15°♍21'26		
superior conj	-3403 Oct 05 j 09:49	16°♍16'50	0°-3'-44	
minimum elong	-3403 Oct 05 j 09:20	16°♍14'54	0°03'41	
behind sun begin	-3403 Oct 04 j 22:13	15°♍31'02		
behind sun end	-3403 Oct 05 j 20:28	16°♍58'46		
max. Earth dist.	-3403 Oct 06 j 13:15	18°♍04'55	1.44854 AU	
	-3403 Oct 14 j 03:00	0°♎		
evening rise	-3403 Oct 21 j 17:38	12°♎00'43		
	-3403 Nov 02 j 03:55	0°♏		
evening max el	-3403 Nov 13 j 05:24	15°♏04'20	19°09'49	
asc. node	-3403 Nov 19 j 17:33	19°♏04'06		
retrograde	-3403 Nov 20 j 05:43	19°♏05'34		
evening set	-3403 Nov 23 j 10:31	18°♏06'08		
inferior conj	-3403 Nov 29 j 04:07	12°♏13'54	2°51'34	
minimum elong	-3403 Nov 29 j 01:02	12°♏23'38	2°50'35	
min. Earth dist.	-3403 Nov 30 j 13:48	10°♏27'33	0.65731 AU	
morning rise	-3403 Dec 04 j 14:39	6°♏02'14		
direct	-3403 Dec 10 j 23:48	3°♏16'19		
morning max el	-3403 Dec 23 j 17:40	10°♏44'32	26°23'45	
desc. node	-3403 Dec 31 j 19:20	20°♏01'05		
	-3402 Jan 08 j 02:49	0°♐		
	-3402 Jan 26 j 11:06	0°♑		
morning set	-3402 Jan 28 j 18:51	4°♑18'07		
max. Earth dist.	-3402 Feb 01 j 23:17	12°♑20'51	1.35121 AU	
superior conj	-3402 Feb 06 j 14:56	21°♑42'10	-1°-22'-49	
minimum elong	-3402 Feb 06 j 18:08	21°♑58'33	1°22'30	
	-3402 Feb 10 j 15:05	0°♒		
evening rise	-3402 Feb 14 j 08:07	7°♒42'08		
asc. node	-3402 Feb 15 j 16:49	10°♒29'19		
	-3402 Feb 26 j 13:54	0°♓		
evening max el	-3402 Mar 05 j 05:11	8°♓04'14	20°43'19	
retrograde	-3402 Mar 16 j 08:47	13°♓23'13		
evening set	-3402 Mar 18 j 16:37	13°♓10'14		
inferior conj	-3402 Mar 27 j 18:56	9°♓12'40	0°32'52	
minimum elong	-3402 Mar 27 j 20:26	9°♓10'31	0°32'19	
min. Earth dist.	-3402 Mar 28 j 23:34	8°♓31'24	0.55267 AU	
desc. node	-3402 Mar 29 j 18:17	8°♓04'44		
morning rise	-3402 Apr 05 j 22:39	4°♓58'43		
direct	-3402 Apr 09 j 07:14	4°♓34'10		
morning max el	-3402 Apr 22 j 13:10	11°♓00'39	22°56'26	
	-3402 May 06 j 12:22	0°♈		
asc. node	-3402 May 14 j 16:23	15°♈45'59		
morning set	-3402 May 15 j 03:25	16°♈43'29		
	-3402 May 21 j 09:12	0°♉		
superior conj	-3402 May 22 j 08:26	2°♉03'49	1°12'17	
minimum elong	-3402 May 22 j 05:51	1°♉50'06	1°11'57	
max. Earth dist.	-3402 May 24 j 22:46	7°♉32'42	1.34005 AU	
evening rise	-3402 May 30 j 02:44	18°♉03'22		
	-3402 Jun 05 j 10:23	0°♊		
	-3402 Jun 24 j 19:56	0°♋		
desc. node	-3402 Jun 25 j 17:15	1°♋07'19		
evening max el	-3402 Jul 03 j 08:02	9°♋36'09	27°18'05	
retrograde	-3402 Jul 16 j 19:42	16°♋59'29		
evening set	-3402 Jul 23 j 20:56	14°♋14'11		
min. Earth dist.	-3402 Jul 27 j 14:10	10°♋43'53	0.64480 AU	
inferior conj	-3402 Jul 29 j 21:03	8°♋14'03	-3°-24'-38	
minimum elong	-3402 Jul 30 j 00:59	8°♋03'18	3°23'32	
morning rise	-3402 Aug 05 j 06:39	2°♋44'43		
direct	-3402 Aug 07 j 23:06	2°♋07'07		
asc. node	-3402 Aug 10 j 15:42	2°♋44'46		
morning max el	-3402 Aug 14 j 11:29	5°♋35'56	18°05'23	

	-3402 Aug 30 j 16:02	0°♌		
morning set	-3402 Sep 01 j 05:43	2°♌39'27		
superior conj	-3402 Sep 14 j 18:24	25°♌03'24	0°43'25	
minimum elong	-3402 Sep 14 j 23:08	25°♌22'28	0°42'53	
	-3402 Sep 17 j 20:21	0°♍		
max. Earth dist.	-3402 Sep 19 j 06:34	2°♍16'10	1.44409 AU	
desc. node	-3402 Sep 21 j 16:44	6°♍06'14		
evening rise	-3402 Oct 01 j 07:24	21°♍05'58		
	-3402 Oct 07 j 02:10	0°♎		
greatest brilliancy	-3402 Oct 20 j 08:11	19°♎40'35	-0.6m	
evening max el	-3402 Oct 27 j 10:55	28°♎30'55	20°03'32	
	-3402 Oct 28 j 23:54	0°♏		
retrograde	-3402 Nov 04 j 02:49	3°♏00'14		
asc. node	-3402 Nov 06 j 14:40	2°♏24'13		
evening set	-3402 Nov 07 j 16:09	1°♏46'39		
	-3402 Nov 09 j 17:02	30°℞♎		
inferior conj	-3402 Nov 13 j 05:10	25°♎42'03	2°07'54	
minimum elong	-3402 Nov 13 j 02:33	25°♎50'45	2°06'55	
min. Earth dist.	-3402 Nov 14 j 02:06	24°♎32'22	0.66630 AU	
morning rise	-3402 Nov 18 j 12:20	19°♎26'24		
direct	-3402 Nov 24 j 07:15	16°♎54'52		
morning max el	-3402 Dec 06 j 02:23	23°♎55'29	25°09'25	
	-3402 Dec 11 j 13:16	0°♏		
desc. node	-3402 Dec 18 j 16:21	9°♏14'41		
	-3401 Jan 01 j 12:42	0°♐		
morning set	-3401 Jan 11 j 06:25	16°♐34'20		
max. Earth dist.	-3401 Jan 15 j 00:43	23°♐26'43	1.36823 AU	
	-3401 Jan 18 j 11:43	0°♑		
superior conj	-3401 Jan 21 j 04:53	5°♑17'40	-1°-41'-10	
minimum elong	-3401 Jan 21 j 07:56	5°♑32'44	1°41'02	
evening rise	-3401 Jan 29 j 11:38	21°♑56'04		
asc. node	-3401 Feb 02 j 13:50	29°♑59'54		
	-3401 Feb 02 j 13:52	0°♒		
evening max el	-3401 Feb 15 j 18:29	19°♒48'51	19°34'56	
retrograde	-3401 Feb 25 j 05:21	24°♒18'24		
evening set	-3401 Feb 27 j 12:29	24°♒03'42		
inferior conj	-3401 Mar 07 j 23:41	19°♒59'01	2°15'53	
minimum elong	-3401 Mar 08 j 04:27	19°♒51'23	2°14'27	
min. Earth dist.	-3401 Mar 10 j 14:11	18°♒19'25	0.56205 AU	
morning rise	-3401 Mar 16 j 16:52	15°♒16'29		
desc. node	-3401 Mar 16 j 15:24	15°♒17'42		
direct	-3401 Mar 21 j 04:13	14°♒31'23		
morning max el	-3401 Apr 04 j 04:39	21°♒36'26	24°35'39	
	-3401 Apr 11 j 11:37	0°♓		
	-3401 Apr 28 j 19:28	0°♈		
morning set	-3401 Apr 29 j 15:36	1°♈45'10		
asc. node	-3401 May 01 j 13:23	5°♈47'55		
superior conj	-3401 May 06 j 17:17	16°♈57'59	0°51'34	
minimum elong	-3401 May 06 j 15:13	16°♈46'44	0°51'13	
max. Earth dist.	-3401 May 08 j 04:58	20°♈10'38	1.33169 AU	
	-3401 May 12 j 20:35	0°♉		
evening rise	-3401 May 14 j 01:34	2°♉28'21		
	-3401 May 29 j 07:05	0°♊		
desc. node	-3401 Jun 12 j 14:17	19°♊17'40		
evening max el	-3401 Jun 15 j 17:31	22°♊30'50	27°23'42	
retrograde	-3401 Jun 29 j 12:30	29°♊53'26		
evening set	-3401 Jul 06 j 16:02	27°♊21'41		
min. Earth dist.	-3401 Jul 10 j 06:07	24°♊21'37	0.62830 AU	
inferior conj	-3401 Jul 13 j 02:26	21°♊34'39	-3°-59'-58	
minimum elong	-3401 Jul 13 j 05:49	21°♊26'20	3°59'19	
morning rise	-3401 Jul 19 j 21:51	16°♊24'12		
direct	-3401 Jul 22 j 11:04	15°♊53'54		
asc. node	-3401 Jul 28 j 12:47	18°♊45'51		
morning max el	-3401 Jul 29 j 02:25	19°♊18'13	17°55'47	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3401 Aug 05 j 22:49	0°♋	
morning set	-3401 Aug 14 j 13:10	14°♋54'12	
	-3401 Aug 23 j 04:10	0°♌	
superior conj	-3401 Aug 26 j 03:53	5°♌04'42	1°19'01
minimum elong	-3401 Aug 26 j 09:23	5°♌27'49	1°18'34
max. Earth dist.	-3401 Sep 01 j 21:02	16°♌10'06	1.43305 AU
desc. node	-3401 Sep 08 j 13:41	26°♌49'50	
evening rise	-3401 Sep 10 j 11:52	29°♌50'02	
	-3401 Sep 10 j 14:26	0°♍	
	-3401 Sep 30 j 19:38	0°♎	
greatest brilliancy	-3401 Oct 05 j 02:18	5°♎42'56	-0.5m
evening max el	-3401 Oct 10 j 10:37	11°♎57'20	21°10'23
retrograde	-3401 Oct 18 j 23:43	17°♎01'07	
evening set	-3401 Oct 22 j 23:49	15°♎30'44	
asc. node	-3401 Oct 24 j 11:46	14°♎10'28	
inferior conj	-3401 Oct 28 j 09:53	9°♎17'02	1°19'04
minimum elong	-3401 Oct 28 j 08:08	9°♎23'01	1°18'20
min. Earth dist.	-3401 Oct 28 j 19:26	8°♎44'17	0.67197 AU
morning rise	-3401 Nov 02 j 16:05	3°♎00'05	
direct	-3401 Nov 07 j 19:37	0°♎48'41	
morning max el	-3401 Nov 18 j 11:09	7°♎09'52	23°44'28
desc. node	-3401 Dec 05 j 13:21	28°♎59'49	
	-3401 Dec 06 j 05:55	0°♏	
morning set	-3401 Dec 23 j 18:24	27°♏36'47	
	-3401 Dec 25 j 03:53	0°♐	
max. Earth dist.	-3401 Dec 27 j 20:29	4°♐41'31	1.38835 AU
superior conj	-3400 Jan 04 j 05:46	18°♐09'54	-1°-53'-6
minimum elong	-3400 Jan 04 j 07:31	18°♐18'08	1°53'10
	-3400 Jan 10 j 09:40	0°♑	
evening rise	-3400 Jan 13 j 07:57	5°♑42'45	
asc. node	-3400 Jan 20 j 10:51	19°♑05'22	
	-3400 Jan 27 j 17:51	0°♒	
evening max el	-3400 Jan 29 j 17:31	2°♒07'31	18°45'54
retrograde	-3400 Feb 06 j 19:01	6°♒01'20	
evening set	-3400 Feb 09 j 05:01	5°♒41'41	
inferior conj	-3400 Feb 16 j 23:02	1°♒19'03	3°24'12
minimum elong	-3400 Feb 17 j 03:09	1°♒11'23	3°23'20
	-3400 Feb 18 j 17:24	30°℞♑	
min. Earth dist.	-3400 Feb 20 j 06:18	28°♑52'59	0.57827 AU
morning rise	-3400 Feb 24 j 21:33	26°♑07'36	
direct	-3400 Mar 01 j 13:48	24°♑48'51	
desc. node	-3400 Mar 02 j 12:30	24°♑51'03	
	-3400 Mar 13 j 07:50	0°♒	
morning max el	-3400 Mar 15 j 20:12	2°♒15'46	26°05'08
	-3400 Apr 04 j 13:50	0°♓	
morning set	-3400 Apr 13 j 03:16	16°♓45'37	
asc. node	-3400 Apr 17 j 10:21	25°♓57'36	
	-3400 Apr 19 j 06:46	0°♈	
superior conj	-3400 Apr 20 j 04:25	1°♈58'25	0°28'29
minimum elong	-3400 Apr 20 j 03:11	1°♈51'41	0°28'13
max. Earth dist.	-3400 Apr 20 j 16:41	3°♈05'30	1.32685 AU
evening rise	-3400 Apr 27 j 06:51	17°♈12'17	
	-3400 May 03 j 18:19	0°♉	
	-3400 May 23 j 09:41	0°♊	
evening max el	-3400 May 27 j 22:25	4°♊48'37	26°56'33
desc. node	-3400 May 29 j 11:22	6°♊13'14	
retrograde	-3400 Jun 10 j 21:58	12°♊08'33	
evening set	-3400 Jun 17 j 17:54	10°♊03'58	
min. Earth dist.	-3400 Jun 21 j 11:57	7°♊21'31	0.60894 AU
inferior conj	-3400 Jun 24 j 18:32	4°♊33'01	-4°-20'-37
minimum elong	-3400 Jun 24 j 20:00	4°♊29'52	4°20'26
	-3400 Jul 01 j 07:56	30°℞♉	
morning rise	-3400 Jul 02 j 01:05	29°♉44'10	
direct	-3400 Jul 04 j 12:56	29°♉19'17	
	-3400 Jul 07 j 15:44	0°♊	
morning max el	-3400 Jul 11 j 15:16	2°♊48'42	18°05'06
asc. node	-3400 Jul 14 j 09:49	5°♊55'33	
morning set	-3400 Jul 27 j 14:12	28°♊00'03	
	-3400 Jul 28 j 16:03	0°♋	
superior conj	-3400 Aug 06 j 16:43	16°♋27'27	1°40'12
minimum elong	-3400 Aug 06 j 20:04	16°♋42'19	1°40'07
max. Earth dist.	-3400 Aug 14 j 06:13	29°♋29'17	1.41683 AU
	-3400 Aug 14 j 13:34	0°♌	
evening rise	-3400 Aug 20 j 02:32	9°♌03'56	
desc. node	-3400 Aug 25 j 10:39	17°♌28'32	
	-3400 Sep 02 j 18:05	0°♍	
greatest brilliancy	-3400 Sep 17 j 10:23	20°♍03'11	-0.3m
evening max el	-3400 Sep 22 j 04:12	25°♍22'59	22°26'42
	-3400 Sep 27 j 22:35	0°♎	
retrograde	-3400 Oct 01 j 18:45	1°♎05'20	
	-3400 Oct 05 j 07:24	30°℞♍	
evening set	-3400 Oct 06 j 07:42	29°♍16'05	
asc. node	-3400 Oct 10 j 08:52	24°♍44'27	
inferior conj	-3400 Oct 11 j 16:20	22°♍56'44	0°26'58
minimum elong	-3400 Oct 11 j 15:43	22°♍58'54	0°26'44
min. Earth dist.	-3400 Oct 11 j 15:24	22°♍59'59	0.67448 AU
morning rise	-3400 Oct 16 j 23:37	16°♍41'10	
direct	-3400 Oct 21 j 12:06	14°♍51'49	
morning max el	-3400 Oct 30 j 22:57	20°♍28'42	22°18'18
greatest brilliancy	-3400 Nov 04 j 15:53	25°♍47'22	-0.3m
	-3400 Nov 07 j 23:21	0°♎	
desc. node	-3400 Nov 21 j 10:20	19°♎07'07	
	-3400 Nov 28 j 12:34	0°♏	
morning set	-3400 Dec 03 j 01:55	7°♏15'22	
max. Earth dist.	-3400 Dec 08 j 18:29	16°♏38'40	1.40902 AU
	-3400 Dec 16 j 11:18	0°♐	
superior conj	-3400 Dec 16 j 12:36	0°♐05'47	-1°-55'-20
minimum elong	-3400 Dec 16 j 11:31	0°♐00'55	1°55'27
evening rise	-3400 Dec 26 j 17:59	18°♐54'55	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3400 Jan 04 j 05:46	18°♐09'54	-1°-53'-6	
minimum elong	-3400 Jan 04 j 07:31	18°♐18'08	1°53'10	
	-3400 Jan 10 j 09:40	0°♑		
evening rise	-3400 Jan 13 j 07:57	5°♑42'45		
asc. node	-3400 Jan 20 j 10:51	19°♑05'22		
	-3400 Jan 27 j 17:51	0°♒		
evening max el	-3400 Jan 29 j 17:31	2°♒07'31	18°45'54	
retrograde	-3400 Feb 06 j 19:01	6°♒01'20		
evening set	-3400 Feb 09 j 05:01	5°♒41'41		
inferior conj	-3400 Feb 16 j 23:02	1°♒19'03	3°24'12	
minimum elong	-3400 Feb 17 j 03:09	1°♒11'23	3°23'20	
	-3400 Feb 18 j 17:24	30°℞♑		
min. Earth dist.	-3400 Feb 20 j 06:18	28°♑52'59	0.57827 AU	
morning rise	-3400 Feb 24 j 21:33	26°♑07'36		
direct	-3400 Mar 01 j 13:48	24°♑48'51		
desc. node	-3400 Mar 02 j 12:30	24°♑51'03		
	-3400 Mar 13 j 07:50	0°♒		
morning max el	-3400 Mar 15 j 20:12	2°♒15'46	26°05'08	
	-3400 Apr 04 j 13:50	0°♓		
morning set	-3400 Apr 13 j 03:16	16°♓45'37		
asc. node	-3400 Apr 17 j 10:21	25°♓57'36		
	-3400 Apr 19 j 06:46	0°♈		
superior conj	-3400 Apr 20 j 04:25	1°♈58'25	0°28'29	
minimum elong	-3400 Apr 20 j 03:11	1°♈51'41	0°28'13	
max. Earth dist.	-3400 Apr 20 j 16:41	3°♈05'30	1.32685 AU	
evening rise	-3400 Apr 27 j 06:51	17°♈12'17		
	-3400 May 03 j 18:19	0°♉		
	-3400 May 23 j 09:41	0°♊		
evening max el	-3400 May 27 j 22:25	4°♊48'37	26°56'33	
desc. node	-3400 May 29 j 11:22	6°♊13'14		
retrograde	-3400 Jun 10 j 21:58	12°♊08'33		
evening set	-3400 Jun 17 j 17:54	10°♊03'58		
min. Earth dist.	-3400 Jun 21 j 11:57	7°♊21'31	0.60894 AU	
inferior conj	-3400 Jun 24 j 18:32	4°♊33'01	-4°-20'-37	
minimum elong	-3400 Jun 24 j 20:00	4°♊29'52	4°20'26	
	-3400 Jul 01 j 07:56	30°℞♉		
morning rise	-3400 Jul 02 j 01:05	29°♉44'10		
direct	-3400 Jul 04 j 12:56	29°♉19'17		
	-3400 Jul 07 j 15:44	0°♊		
morning max el	-3400 Jul 11 j 15:16	2°♊48'42	18°05'06	
asc. node	-3400 Jul 14 j 09:49	5°♊55'33		
morning set	-3400 Jul 27 j 14:12	28°♊00'03		
	-3400 Jul 28 j 16:03	0°♋		
superior conj	-3400 Aug 06 j 16:43	16°♋27'27	1°40'12	
minimum elong	-3400 Aug 06 j 20:04	16°♋42'19	1°40'07	
max. Earth dist.	-3400 Aug 14 j 06:13	29°♋29'17	1.41683 AU	
	-3400 Aug 14 j 13:34	0°♌		
evening rise	-3400 Aug 20 j 02:32	9°♌03'56		
desc. node	-3400 Aug 25 j 10:39	17°♌28'32		
	-3400 Sep 02 j 18:05	0°♍		
greatest brilliancy	-3400 Sep 17 j 10:23	20°♍03'11	-0.3m	
evening max el	-3400 Sep 22 j 04:12	25°♍22'59	22°26'42	
	-3400 Sep 27 j 22:35	0°♎		
retrograde	-3400 Oct 01 j 18:45	1°♎05'20		
	-3400 Oct 05 j 07:24	30°℞♍		
evening set	-3400 Oct 06 j 07:42	29°♍16'05		
asc. node	-3400 Oct 10 j 08:52	24°♍44'27		
inferior conj	-3400 Oct 11 j 16:20	22°♍56'44	0°26'58	
minimum elong	-3400 Oct 11 j 15:43	22°♍58'54	0°26'44	
min. Earth dist.	-3400 Oct 11 j 15:24	22°♍59'59	0.67448 AU	
morning rise	-3400 Oct 16 j 23:37	16°♍41'10		
direct	-3400 Oct 21 j 12:06	14°♍51'49		
morning max el	-3400 Oct 30 j 22:57	20°♍28'42	22°18'18	

greatest brilliancy	-3400 Nov 04 j 15:53	25°♍47'22	-0.3m	
	-3400 Nov 07 j 23:21	0°♎		
desc. node	-3400 Nov 21 j 10:20	19°♎07'07		
	-3400 Nov 28 j 12:34	0°♏		
morning set	-3400 Dec 03 j 01:55	7°♏15'22		
max. Earth dist.	-3400 Dec 08 j 18:29	16°♏38'40	1.40902 AU	
	-3400 Dec 16 j 11:18	0°♐		
superior conj	-3400 Dec 16 j 12:36	0°♐05'47	-1°-55'-20	
minimum elong	-3400 Dec 16 j 11:31	0°♐00'55	1°55'27	
evening rise	-3400 Dec 26 j 17:59	18°♐54'55		
	-3399 Jan 01 j 18:29	0°♑		
asc. node	-3399 Jan 06 j 07:54	7°♑37'41		
evening max el	-3399 Jan 11 j 23:53	14°♑53'21	18°17'00	
retrograde	-3399 Jan 19 j 03:15	18°♑27'16		
evening set	-3399 Jan 21 j 16:09	18°♑01'15		
inferior conj	-3399 Jan 28 j 18:55	13°♑17'04	3°56'19	
minimum elong	-3399 Jan 28 j 20:25	13°♑13'49	3°56'06	
min. Earth dist.	-3399 Feb 01 j 03:02	10°♑25'08	0.59792 AU	
morning rise	-3399 Feb 04 j 21:34	7°♑43'15		
direct	-3399 Feb 11 j 11:23	5°♑45'50		
desc. node	-3399 Feb 17 j 09:35	7°♑14'20		
morning max el	-3399 Feb 25 j 16:55	13°♑24'44	27°10'14	
	-3399 Mar 10 j 22:13	0°♒		
	-3399 Mar 27 j 17:36	0°♓		
morning set	-3399 Mar 28 j 12:43	1°♓38'42		
asc. node	-3399 Apr 04 j 07:20	16°♓11'00		
superior conj	-3399 Apr 04 j 16:09	16°♓59'19	0°03'52	
minimum elong	-3399 Apr 04 j 15:59	16°♓58'22	0°03'48	
behind sun begin	-3399 Apr 04 j 11:06	16°♓31'39		
behind sun end	-3399 Apr 04 j 20:52	17°♓25'05		
max. Earth dist.	-3399 Apr 04 j 06:11	16°♓04'45	1.32534 AU	
	-3399 Apr 10 j 16:06	0°♈		
evening rise	-3399 Apr 11 j 16:10	2°♈07'01		
	-3399 Apr 26 j 20:59	0°♉		
evening max el	-3399 May 09 j 20:56	16°♉23'35	25°57'56	
desc. node	-3399 May 16 j 08:26	21°♉23'57		
retrograde	-3399 May 23 j 22:54	23°♉39'14		
evening set	-3399 May 29 j 22:52	22°♉11'39		
min. Earth dist.	-3399 Jun 03 j 09:26	19°♉29'32	0.58849 AU	
inferior conj	-3399 Jun 06 j 17:46	17°♉00'13	-4°-18'-10	
minimum elong	-3399 Jun 06 j 15:52	17°♉03'47	4°17'59	
morning rise	-3399 Jun 14 j 12:43	12°♉33'51		
direct	-3399 Jun 17 j 00:14	12°♉13'17		
morning max el	-3399 Jun 24 j 23:15	15°♉59'49	18°34'09	
asc. node	-3399 Jul 01 j 06:51	23°♉59'26		
	-3399 Jul 04 j 21:21	0°♊		
morning set	-3399 Jul 11 j 04:06	11°♊44'59		
superior conj	-3399 Jul 20 j 04:17	28°♊59'13	1°48'34	
minimum elong	-3399 Jul 20 j 05:02	29°♊02'42	1°48'40	
	-3399 Jul 20 j 17:20	0°♋		
max. Earth dist.	-3399 Jul 27 j 09:46	12°♋03'37	1.39769 AU	
evening rise	-3399 Jul 31 j 16:53	19°♋25'38		
	-3399 Aug 07 j 04:18	0°♌		
desc. node	-3399 Aug 12 j 07:39	7°♌58'24		
	-3399 Aug 28 j 00:27	0°♍		
evening max el	-3399 Sep 04 j 17:09	8°♍50'04	23°47'17	
retrograde	-3399 Sep 15 j 10:48	15°♍10'09		
evening set	-3399 Sep 20 j 14:04	13°♍01'25		
inferior conj	-3399 Sep 25 j 22:50	6°♍40'00	0°-26'-39	
minimum elong	-3399 Sep 25 j 23:27	6°♍37'51	0°26'20	
min. Earth dist.	-3399 Sep 25 j 11:38	7°♍18'09	0.67394 AU	
asc. node	-3399 Sep 27 j 05:57	4°♍55'11		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-3399 Oct 01 j 09:00	0°♍28'45	
	-3399 Oct 02 j 01:47	30°℞♌	
direct	-3399 Oct 05 j 07:55	29°♌00'24	
	-3399 Oct 08 j 19:40	0°♍	
morning max el	-3399 Oct 13 j 16:46	3°♍55'21	20°58'28
greatest brilliancy	-3399 Oct 19 j 09:51	10°♍37'44	-0.5m
	-3399 Nov 02 j 00:57	0°♎	
desc. node	-3399 Nov 08 j 07:19	9°♎30'19	
morning set	-3399 Nov 12 j 08:01	15°♎44'44	
max. Earth dist.	-3399 Nov 20 j 23:04	29°♎29'08	1.42737 AU
	-3399 Nov 21 j 06:39	0°♏	
superior conj	-3399 Nov 27 j 19:45	10°♏52'02	-1°-43'-58
minimum elong	-3399 Nov 27 j 14:46	10°♏31'00	1°43'44
	-3399 Dec 08 j 19:03	0°♐	
evening rise	-3399 Dec 09 j 14:01	1°♐24'41	
asc. node	-3399 Dec 24 j 04:57	25°♐26'28	
evening max el	-3399 Dec 26 j 10:49	27°♐58'30	18°07'54
	-3399 Dec 28 j 20:52	0°♑	
retrograde	-3398 Jan 02 j 02:32	1°♑26'07	
evening set	-3398 Jan 04 j 18:24	0°♑52'43	
	-3398 Jan 06 j 10:31	30°℞♐	
inferior conj	-3398 Jan 11 j 08:46	25°♐47'00	3°59'58
minimum elong	-3398 Jan 11 j 07:47	25°♐49'24	3°59'48
min. Earth dist.	-3398 Jan 14 j 07:27	22°♐52'55	0.61793 AU
morning rise	-3398 Jan 17 j 18:53	19°♐57'48	
direct	-3398 Jan 24 j 19:10	17°♐28'14	
desc. node	-3398 Feb 04 j 06:41	22°♐02'57	
morning max el	-3398 Feb 07 j 19:52	25°♐13'21	27°41'16
	-3398 Feb 12 j 06:07	0°♑	
	-3398 Mar 04 j 06:50	0°♒	
morning set	-3398 Mar 12 j 17:53	16°♒15'52	
max. Earth dist.	-3398 Mar 18 j 17:25	28°♒52'32	1.32733 AU
	-3398 Mar 19 j 05:53	0°♓	
superior conj	-3398 Mar 20 j 02:48	1°♓53'31	0°-21'-28
minimum elong	-3398 Mar 20 j 03:47	1°♓58'49	0°21'21
asc. node	-3398 Mar 22 j 04:20	6°♓23'07	
evening rise	-3398 Mar 27 j 03:29	17°♓04'06	
	-3398 Apr 02 j 14:18	0°♈	
evening max el	-3398 Apr 21 j 13:57	27°♈21'15	24°35'23
	-3398 Apr 24 j 15:01	0°♉	
desc. node	-3398 May 03 j 05:32	4°♉12'14	
retrograde	-3398 May 05 j 13:06	4°♉24'38	
evening set	-3398 May 10 j 06:28	3°♉34'07	
min. Earth dist.	-3398 May 16 j 01:56	0°♉36'14	0.56983 AU
	-3398 May 17 j 00:39	30°℞♈	
inferior conj	-3398 May 18 j 21:16	28°♈47'17	-3°-42'-4
minimum elong	-3398 May 18 j 15:56	28°♈55'59	3°41'02
morning rise	-3398 May 27 j 05:31	24°♈40'09	
direct	-3398 May 29 j 17:07	24°♈22'58	
morning max el	-3398 Jun 07 j 23:24	28°♈41'17	19°23'39
	-3398 Jun 09 j 07:02	0°♉	
asc. node	-3398 Jun 18 j 03:53	12°♉44'27	
morning set	-3398 Jun 25 j 03:11	25°♉59'11	
	-3398 Jun 27 j 03:21	0°♊	
superior conj	-3398 Jul 03 j 08:47	12°♊23'08	1°46'51
minimum elong	-3398 Jul 03 j 07:33	12°♊17'10	1°46'55
max. Earth dist.	-3398 Jul 09 j 11:31	24°♊00'49	1.37824 AU
	-3398 Jul 12 j 18:47	0°♋	
evening rise	-3398 Jul 13 j 09:00	1°♋03'01	
desc. node	-3398 Jul 30 j 04:39	28°♋14'17	
	-3398 Jul 31 j 09:36	0°♌	
evening max el	-3398 Aug 18 j 04:06	22°♌20'40	25°05'20
retrograde	-3398 Aug 29 j 22:50	29°♌11'29	
evening set	-3398 Sep 04 j 17:09	26°♌44'42	

min. Earth dist.	-3398 Sep 09 j 05:45	21°♌37'03	0.67026 AU
inferior conj	-3398 Sep 10 j 03:38	20°♌24'59	-1°-20'-13
minimum elong	-3398 Sep 10 j 05:32	20°♌18'45	1°19'23
asc. node	-3398 Sep 14 j 03:03	15°♌41'42	
morning rise	-3398 Sep 15 j 18:22	14°♌21'09	
direct	-3398 Sep 19 j 05:47	13°♌11'09	
morning max el	-3398 Sep 26 j 17:50	17°♌30'53	19°50'13
greatest brilliancy	-3398 Oct 04 j 14:55	27°♌23'22	-0.6m
	-3398 Oct 06 j 10:46	0°♍	
morning set	-3398 Oct 22 j 06:18	23°♍59'04	
desc. node	-3398 Oct 26 j 04:18	0°♎04'34	
	-3398 Oct 26 j 03:08	0°♎	
max. Earth dist.	-3398 Nov 03 j 10:39	13°♎05'29	1.44088 AU
superior conj	-3398 Nov 07 j 23:36	20°♎22'15	-1°-15'-53
minimum elong	-3398 Nov 07 j 16:23	19°♎53'08	1°15'10
	-3398 Nov 13 j 20:55	0°♏	
evening rise	-3398 Nov 21 j 15:34	13°♏03'24	
	-3398 Dec 01 j 17:54	0°♐	
evening max el	-3398 Dec 09 j 23:31	11°♐16'29	18°17'54
asc. node	-3398 Dec 11 j 02:03	12°♐19'21	
retrograde	-3398 Dec 16 j 12:31	14°♐49'19	
evening set	-3398 Dec 19 j 08:13	14°♐07'11	
inferior conj	-3398 Dec 25 j 12:48	8°♐41'23	3°43'32
minimum elong	-3398 Dec 25 j 10:18	8°♐48'20	3°43'02
min. Earth dist.	-3398 Dec 27 j 21:23	6°♐05'05	0.63596 AU
morning rise	-3398 Dec 31 j 10:47	2°♐41'26	
	-3397 Jan 06 j 02:24	30°℞♏	
direct	-3397 Jan 07 j 10:59	29°♏53'59	
	-3397 Jan 08 j 20:15	0°♐	
morning max el	-3397 Jan 21 j 03:21	7°♐39'05	27°35'52
desc. node	-3397 Jan 22 j 03:46	8°♐40'50	
	-3397 Feb 07 j 10:10	0°♑	
	-3397 Feb 24 j 10:30	0°♒	
morning set	-3397 Feb 24 j 16:19	0°♒28'52	
max. Earth dist.	-3397 Mar 01 j 22:32	11°♒15'58	1.33323 AU
superior conj	-3397 Mar 04 j 10:40	16°♒35'15	0°-46'-35
minimum elong	-3397 Mar 04 j 12:44	16°♒46'19	0°46'17
asc. node	-3397 Mar 09 j 01:22	26°♒29'53	
	-3397 Mar 10 j 16:47	0°♓	
evening rise	-3397 Mar 11 j 15:03	1°♓57'26	
	-3397 Mar 27 j 08:55	0°♈	
evening max el	-3397 Apr 03 j 06:04	8°♈02'52	23°01'34
retrograde	-3397 Apr 16 j 14:13	14°♈37'18	
evening set	-3397 Apr 20 j 00:01	14°♈11'55	
desc. node	-3397 Apr 20 j 02:38	14°♈10'18	
min. Earth dist.	-3397 Apr 27 j 16:19	10°♈46'46	0.55649 AU
inferior conj	-3397 Apr 29 j 05:32	9°♈52'38	-2°-24'-59
minimum elong	-3397 Apr 28 j 23:47	10°♈01'01	2°23'17
morning rise	-3397 May 08 j 02:24	5°♈55'40	
direct	-3397 May 10 j 16:08	5°♈39'49	
morning max el	-3397 May 21 j 13:20	10°♈44'01	20°33'21
	-3397 Jun 03 j 23:24	0°♉	
asc. node	-3397 Jun 05 j 00:55	2°♉00'32	
morning set	-3397 Jun 09 j 08:37	10°♉35'17	
superior conj	-3397 Jun 17 j 01:23	26°♉25'18	1°37'34
minimum elong	-3397 Jun 16 j 23:04	26°♉13'29	1°37'29
	-3397 Jun 18 j 19:55	0°♊	
max. Earth dist.	-3397 Jun 21 j 18:13	5°♊47'32	1.36077 AU
evening rise	-3397 Jun 25 j 22:45	13°♊45'41	
	-3397 Jul 05 j 05:02	0°♋	
desc. node	-3397 Jul 17 j 01:41	18°♋09'26	
	-3397 Jul 26 j 04:33	0°♌	
evening max el	-3397 Jul 31 j 15:13	5°♌53'08	26°12'42
retrograde	-3397 Aug 13 j 06:04	13°♌03'39	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3397 Aug 19 j 14:51	10°♌23'03	
min. Earth dist.	-3397 Aug 23 j 19:11	5°♌53'27	0.66330 AU
inferior conj	-3397 Aug 25 j 04:54	4°♌08'35	-2°-12'00
minimum elong	-3397 Aug 25 j 07:55	3°♌59'11	2°10'50
	-3397 Aug 28 j 20:12	30℞♋	
morning rise	-3397 Aug 31 j 01:46	28°♋15'33	
asc. node	-3397 Sep 01 j 00:10	27°♋47'25	
direct	-3397 Sep 03 j 04:03	27°♋20'36	
	-3397 Sep 08 j 18:38	0°♌	
morning max el	-3397 Sep 10 j 01:33	1°♌13'30	18°56'30
	-3397 Sep 29 j 21:41	0°♍	
morning set	-3397 Oct 01 j 19:57	3°♍03'03	
desc. node	-3397 Oct 13 j 01:16	20°♍45'19	
max. Earth dist.	-3397 Oct 17 j 03:24	27°♍11'44	1.44789 AU
superior conj	-3397 Oct 18 j 04:40	28°♍51'22	0°-32'-22
minimum elong	-3397 Oct 18 j 00:30	28°♍34'54	0°31'51
	-3397 Oct 18 j 22:04	0°♎	
evening rise	-3397 Nov 02 j 18:05	23°♎41'35	
	-3397 Nov 06 j 15:28	0°♏	
evening max el	-3397 Nov 23 j 11:15	24°♏40'41	18°45'59
asc. node	-3397 Nov 27 j 23:10	28°♏00'43	
retrograde	-3397 Nov 30 j 05:16	28°♏28'41	
evening set	-3397 Dec 03 j 06:18	27°♏36'03	
inferior conj	-3397 Dec 09 j 03:20	21°♏52'34	3°13'22
minimum elong	-3397 Dec 09 j 00:14	22°♏01'56	3°12'31
min. Earth dist.	-3397 Dec 10 j 21:01	19°♏46'23	0.65065 AU
morning rise	-3397 Dec 14 j 17:06	15°♏44'41	
direct	-3397 Dec 21 j 09:16	12°♏54'42	
morning max el	-3396 Jan 03 j 12:49	20°♏31'29	26°57'43
desc. node	-3396 Jan 09 j 00:49	26°♏36'07	
	-3396 Jan 11 j 18:23	0°♐	
	-3396 Jan 31 j 11:54	0°♑	
morning set	-3396 Feb 08 j 04:49	14°♑07'12	
max. Earth dist.	-3396 Feb 12 j 18:02	23°♑06'16	1.34341 AU
	-3396 Feb 16 j 02:36	0°♒	
superior conj	-3396 Feb 16 j 13:40	0°♒57'38	-1°-10'-21
minimum elong	-3396 Feb 16 j 16:35	1°♒12'52	1°09'59
asc. node	-3396 Feb 23 j 22:25	16°♒26'54	
evening rise	-3396 Feb 24 j 01:04	16°♒40'43	
	-3396 Mar 01 j 19:04	0°♓	
evening max el	-3396 Mar 15 j 03:25	18°♓55'27	21°30'18
retrograde	-3396 Mar 27 j 05:03	24°♓44'14	
evening set	-3396 Mar 29 j 18:24	24°♓29'27	
desc. node	-3396 Apr 05 j 23:44	21°♓38'09	
inferior conj	-3396 Apr 08 j 01:45	20°♓28'48	0°-34'-50
minimum elong	-3396 Apr 08 j 00:07	20°♓31'06	0°34'17
min. Earth dist.	-3396 Apr 08 j 06:02	20°♓22'46	0.55135 AU
morning rise	-3396 Apr 17 j 06:02	16°♓26'45	
direct	-3396 Apr 20 j 04:39	16°♓07'44	
morning max el	-3396 May 02 j 16:20	22°♓04'42	22°00'49
	-3396 May 09 j 11:17	0°♈	
asc. node	-3396 May 21 j 21:57	21°♈39'52	
morning set	-3396 May 23 j 18:12	25°♈26'51	
	-3396 May 25 j 22:24	0°♉	
superior conj	-3396 May 31 j 02:28	10°♉55'05	1°22'45
minimum elong	-3396 May 30 j 23:48	10°♉41'07	1°22'29
max. Earth dist.	-3396 Jun 03 j 10:18	17°♉48'48	1.34652 AU
evening rise	-3396 Jun 08 j 04:50	27°♉18'56	
	-3396 Jun 09 j 14:27	0°♊	
	-3396 Jun 27 j 11:40	0°♋	
desc. node	-3396 Jul 02 j 22:42	7°♋35'09	
evening max el	-3396 Jul 13 j 02:48	19°♋20'24	27°01'22
retrograde	-3396 Jul 26 j 08:00	26°♋40'43	
evening set	-3396 Aug 02 j 04:46	23°♋53'54	
min. Earth dist.	-3396 Aug 06 j 01:36	20°♋02'56	0.65270 AU
inferior conj	-3396 Aug 08 j 00:29	17°♋47'58	-2°-59'-53
minimum elong	-3396 Aug 08 j 04:16	17°♋37'03	2°58'39
morning rise	-3396 Aug 14 j 05:03	12°♋09'05	
direct	-3396 Aug 17 j 00:30	11°♋25'57	
asc. node	-3396 Aug 17 j 21:15	11°♋30'01	
morning max el	-3396 Aug 23 j 14:09	15°♋00'48	18°19'08
	-3396 Sep 03 j 07:42	0°♌	
morning set	-3396 Sep 11 j 12:37	13°♌26'58	
	-3396 Sep 21 j 16:46	0°♍	
superior conj	-3396 Sep 26 j 05:24	7°♍13'15	0°17'12
minimum elong	-3396 Sep 26 j 07:34	7°♍21'52	0°16'58
desc. node	-3396 Sep 28 j 22:14	11°♍29'49	
max. Earth dist.	-3396 Sep 28 j 22:03	11°♍29'05	1.44762 AU
	-3396 Oct 10 j 17:21	0°♎	
evening rise	-3396 Oct 12 j 20:03	3°♎18'05	
greatest brilliancy	-3396 Oct 27 j 23:26	26°♎36'16	-0.7m
	-3396 Oct 30 j 07:59	0°♏	
evening max el	-3396 Nov 05 j 19:35	8°♏07'14	19°30'48
retrograde	-3396 Nov 13 j 01:37	12°♏19'17	
asc. node	-3396 Nov 13 j 20:15	12°♏15'49	
evening set	-3396 Nov 16 j 09:52	11°♏13'57	
inferior conj	-3396 Nov 22 j 01:17	5°♏15'51	2°33'46
minimum elong	-3396 Nov 21 j 22:21	5°♏25'23	2°32'45
min. Earth dist.	-3396 Nov 23 j 05:15	3°♏45'18	0.66164 AU
	-3396 Nov 26 j 09:53	30℞♎	
morning rise	-3396 Nov 27 j 10:06	29°♎02'20	
direct	-3396 Dec 03 j 13:24	26°♎21'53	
	-3396 Dec 11 j 20:41	0°♏	
morning max el	-3396 Dec 15 j 22:15	3°♏39'20	25°54'01
desc. node	-3396 Dec 25 j 21:52	15°♏26'04	
	-3395 Jan 05 j 02:16	0°♐	
morning set	-3395 Jan 21 j 03:03	26°♐58'01	
	-3395 Jan 22 j 18:13	0°♑	
max. Earth dist.	-3395 Jan 25 j 02:01	4°♑24'59	1.35803 AU
superior conj	-3395 Jan 30 j 09:16	14°♑52'53	-1°-31'-14
minimum elong	-3395 Jan 30 j 12:31	15°♑09'18	1°30'58
	-3395 Feb 06 j 18:23	0°♒	
evening rise	-3395 Feb 07 j 07:37	1°♒07'37	
asc. node	-3395 Feb 09 j 19:27	6°♒09'00	
	-3395 Feb 25 j 02:42	0°♓	
evening max el	-3395 Feb 25 j 10:23	0°♓18'33	20°11'53
retrograde	-3395 Mar 07 j 20:19	5°♓15'45	
evening set	-3395 Mar 10 j 03:00	5°♓02'33	
inferior conj	-3395 Mar 18 j 23:27	1°♓03'17	1°20'06
minimum elong	-3395 Mar 19 j 02:49	0°♓58'15	1°18'56
	-3395 Mar 20 j 17:50	30℞♒	
min. Earth dist.	-3395 Mar 20 j 20:04	29°♒56'42	0.55561 AU
desc. node	-3395 Mar 23 j 20:52	28°♒16'13	
morning rise	-3395 Mar 28 j 00:08	26°♒38'22	
direct	-3395 Mar 31 j 18:58	26°♒07'01	
	-3395 Apr 11 j 01:31	0°♓	
morning max el	-3395 Apr 14 j 10:42	2°♓51'28	23°39'04
	-3395 May 03 j 01:29	0°♈	
morning set	-3395 May 08 j 05:55	10°♈26'44	
asc. node	-3395 May 08 j 18:57	11°♈35'13	
superior conj	-3395 May 15 j 09:07	25°♈42'36	1°03'52
minimum elong	-3395 May 15 j 06:42	25°♈29'38	1°03'30
	-3395 May 17 j 09:20	0°♉	
max. Earth dist.	-3395 May 17 j 11:50	0°♉13'13	1.33599 AU
evening rise	-3395 May 22 j 22:35	11°♉28'07	
	-3395 Jun 01 j 21:19	0°♊	
desc. node	-3395 Jun 19 j 19:45	26°♊17'59	
	-3395 Jun 23 j 02:23	0°♋	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3395 Jun	25 j 13:25	2°♋29'37	27°24'16
retrograde	-3395 Jul	09 j 04:21	9°♋53'09	
evening set	-3395 Jul	16 j 07:47	7°♋11'34	
min. Earth dist.	-3395 Jul	19 j 22:59	3°♋55'39	0.63824 AU
inferior conj	-3395 Jul	22 j 11:51	1°♋16'51	-3°-41'00
minimum elong	-3395 Jul	22 j 15:42	1°♋06'47	3°40'04
	-3395 Jul	23 j 17:42	30°℞♊	
morning rise	-3395 Jul	29 j 01:31	25°♊55'29	
direct	-3395 Jul	31 j 16:23	25°♊21'15	
asc. node	-3395 Aug	04 j 18:19	26°♊44'10	
morning max el	-3395 Aug	07 j 05:02	28°♊46'46	17°59'08
	-3395 Aug	08 j 08:35	0°♋	
morning set	-3395 Aug	24 j 07:20	25°♋05'04	
	-3395 Aug	27 j 03:52	0°♌	
superior conj	-3395 Sep	05 j 23:32	16°♌29'06	1°00'14
minimum elong	-3395 Sep	06 j 05:07	16°♌51'59	0°59'41
max. Earth dist.	-3395 Sep	11 j 14:37	25°♌35'49	1.44015 AU
	-3395 Sep	14 j 09:04	0°♍	
desc. node	-3395 Sep	15 j 19:11	2°♍14'39	
evening rise	-3395 Sep	22 j 03:41	12°♍08'51	
	-3395 Oct	03 j 21:39	0°♎	
greatest brilliancy	-3395 Oct	13 j 16:44	14°♎01'16	-0.5m
evening max el	-3395 Oct	19 j 22:38	21°♎33'41	20°30'27
retrograde	-3395 Oct	27 j 23:00	26°♎17'23	
evening set	-3395 Oct	31 j 16:37	24°♎56'53	
asc. node	-3395 Oct	31 j 17:20	24°♎55'36	
inferior conj	-3395 Nov	06 j 04:10	18°♎47'41	1°47'41
minimum elong	-3395 Nov	06 j 01:53	18°♎55'25	1°46'47
min. Earth dist.	-3395 Nov	06 j 20:03	17°♎53'57	0.66909 AU
morning rise	-3395 Nov	11 j 10:39	12°♎31'01	
direct	-3395 Nov	16 j 22:55	10°♎07'50	
morning max el	-3395 Nov	28 j 07:00	16°♎53'15	24°34'00
	-3395 Dec	09 j 05:18	0°♏	
desc. node	-3395 Dec	12 j 18:53	4°♏54'40	
	-3395 Dec	29 j 02:19	0°♐	
morning set	-3394 Jan	03 j 05:26	8°♐45'42	
max. Earth dist.	-3394 Jan	07 j 00:22	15°♐31'30	1.37651 AU
superior conj	-3394 Jan	13 j 18:13	28°♐11'42	-1°-47'-12
minimum elong	-3394 Jan	13 j 20:53	28°♐24'39	1°47'09
	-3394 Jan	14 j 16:31	0°♑	
evening rise	-3394 Jan	22 j 08:27	15°♑11'29	
asc. node	-3394 Jan	27 j 16:29	25°♑30'24	
	-3394 Jan	30 j 04:41	0°♒	
evening max el	-3394 Feb	08 j 04:02	12°♒18'38	19°11'38
retrograde	-3394 Feb	16 j 23:47	16°♒31'32	
evening set	-3394 Feb	19 j 07:45	16°♒15'08	
inferior conj	-3394 Feb	27 j 11:35	12°♒03'39	2°49'33
minimum elong	-3394 Feb	27 j 16:29	11°♒55'18	2°48'15
min. Earth dist.	-3394 Mar	02 j 11:22	10°♒02'07	0.56822 AU
morning rise	-3394 Mar	07 j 21:20	7°♒07'50	
desc. node	-3394 Mar	10 j 17:58	6°♒20'36	
direct	-3394 Mar	12 j 21:02	6°♒09'53	
morning max el	-3394 Mar	27 j 01:44	13°♒26'42	25°15'53
	-3394 Apr	09 j 00:25	0°♓	
morning set	-3394 Apr	22 j 18:04	25°♓29'00	
	-3394 Apr	24 j 21:06	0°♈	
asc. node	-3394 Apr	25 j 15:57	1°♈41'29	
superior conj	-3394 Apr	29 j 19:10	10°♈40'41	0°42'02
minimum elong	-3394 Apr	29 j 17:25	10°♈31'10	0°41'42
max. Earth dist.	-3394 Apr	30 j 20:38	12°♈59'06	1.32915 AU
evening rise	-3394 May	07 j 00:29	26°♈02'22	
	-3394 May	08 j 23:27	0°♉	
	-3394 May	26 j 09:29	0°♊	
desc. node	-3394 Jun	06 j 16:48	13°♊59'44	
evening max el	-3394 Jun	07 j 21:01	15°♊09'05	27°16'09
retrograde	-3394 Jun	21 j 18:26	22°♊31'37	
evening set	-3394 Jun	28 j 20:05	20°♊09'31	
min. Earth dist.	-3394 Jul	02 j 10:31	17°♊18'59	0.62031 AU
inferior conj	-3394 Jul	05 j 11:59	14°♊28'44	-4°-10'-59
minimum elong	-3394 Jul	05 j 14:45	14°♊22'17	4°10'33
morning rise	-3394 Jul	12 j 12:01	9°♊27'28	
direct	-3394 Jul	15 j 00:20	8°♊59'48	
morning max el	-3394 Jul	21 j 19:28	12°♊25'10	17°57'24
asc. node	-3394 Jul	22 j 15:21	13°♊16'11	
	-3394 Aug	02 j 15:53	0°♋	
morning set	-3394 Aug	06 j 22:50	7°♋42'47	
superior conj	-3394 Aug	17 j 20:55	27°♋05'58	1°29'44
minimum elong	-3394 Aug	18 j 01:42	27°♋26'30	1°29'25
	-3394 Aug	19 j 13:36	0°♌	
max. Earth dist.	-3394 Aug	25 j 02:26	9°♌14'37	1.42661 AU
evening rise	-3394 Sep	01 j 10:02	20°♌58'50	
desc. node	-3394 Sep	02 j 16:09	22°♌56'41	
	-3394 Sep	07 j 05:56	0°♍	
greatest brilliancy	-3394 Sep	27 j 21:19	29°♍21'18	-0.4m
	-3394 Sep	28 j 09:51	0°♎	
evening max el	-3394 Oct	02 j 19:35	4°♎59'35	21°41'59
retrograde	-3394 Oct	11 j 19:22	10°♎20'05	
evening set	-3394 Oct	16 j 00:35	8°♎42'03	
asc. node	-3394 Oct	18 j 14:24	6°♎07'17	
inferior conj	-3394 Oct	21 j 09:51	2°♎25'25	0°57'16
minimum elong	-3394 Oct	21 j 08:34	2°♎29'53	0°56'44
min. Earth dist.	-3394 Oct	21 j 14:55	2°♎07'57	0.67335 AU
	-3394 Oct	23 j 04:40	30°℞♍	
morning rise	-3394 Oct	26 j 16:15	26°♍08'25	
direct	-3394 Oct	31 j 13:14	24°♍06'16	
morning max el	-3394 Nov	10 j 16:39	0°♎09'28	23°07'25
	-3394 Nov	10 j 12:54	0°♎	
greatest brilliancy	-3394 Nov	15 j 17:43	5°♎49'59	-0.3m
desc. node	-3394 Nov	29 j 15:51	24°♎50'20	
	-3394 Dec	03 j 02:49	0°♏	
morning set	-3394 Dec	15 j 05:43	19°♏13'32	
max. Earth dist.	-3394 Dec	19 j 19:45	26°♏59'35	1.39720 AU
	-3394 Dec	21 j 13:13	0°♐	
superior conj	-3394 Dec	27 j 12:06	10°♐41'57	-1°-55'-28
minimum elong	-3394 Dec	27 j 12:50	10°♐45'20	1°55'36
evening rise	-3393 Jan	06 j 00:49	28°♐44'30	
	-3393 Jan	06 j 16:35	0°♑	
asc. node	-3393 Jan	14 j 13:31	14°♑23'13	
evening max el	-3393 Jan	22 j 06:36	24°♑50'28	18°31'12
retrograde	-3393 Jan	29 j 21:18	28°♑33'43	
evening set	-3393 Feb	01 j 08:33	28°♑11'33	
inferior conj	-3393 Feb	08 j 19:48	23°♑40'22	3°41'48
minimum elong	-3393 Feb	08 j 22:54	23°♑34'13	3°41'17
min. Earth dist.	-3393 Feb	12 j 05:19	21°♑00'05	0.58641 AU
morning rise	-3393 Feb	16 j 09:39	18°♑18'22	
direct	-3393 Feb	22 j 12:30	16°♑42'44	
desc. node	-3393 Feb	25 j 15:03	17°♑06'54	
morning max el	-3393 Mar	08 j 19:02	24°♑16'17	26°36'23
	-3393 Mar	14 j 00:33	0°♒	
	-3393 Apr	02 j 00:22	0°♓	
morning set	-3393 Apr	07 j 04:59	10°♓26'56	
asc. node	-3393 Apr	12 j 12:58	21°♓53'26	
superior conj	-3393 Apr	14 j 06:46	25°♓42'10	0°18'11
minimum elong	-3393 Apr	14 j 05:58	25°♓37'47	0°17'59
max. Earth dist.	-3393 Apr	14 j 09:23	25°♓56'30	1.32578 AU
	-3393 Apr	16 j 05:55	0°♈	
evening rise	-3393 Apr	21 j 07:45	10°♈51'54	
	-3393 May	01 j 06:04	0°♉	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3393 May 20 j 23:24	27°♉09'13	26°35'16
	-3393 May 24 j 06:05	0°♊	
desc. node	-3393 May 24 j 13:53	0°♊14'58	
retrograde	-3393 Jun 04 j 00:44	4°♊27'58	
evening set	-3393 Jun 10 j 13:27	2°♊38'39	
	-3393 Jun 14 j 11:51	30°℞♉	
min. Earth dist.	-3393 Jun 14 j 12:48	29°♉58'10	0.60017 AU
inferior conj	-3393 Jun 17 j 21:22	27°♉15'13	-4°-23'-3
minimum elong	-3393 Jun 17 j 21:32	27°♉14'51	4°22'58
morning rise	-3393 Jun 25 j 09:01	22°♉35'47	
direct	-3393 Jun 27 j 20:30	22°♉12'56	
morning max el	-3393 Jul 05 j 06:35	25°♉48'29	18°14'58
	-3393 Jul 08 j 21:36	0°♊	
asc. node	-3393 Jul 09 j 12:24	0°♊50'43	
morning set	-3393 Jul 21 j 05:53	21°♊06'47	
	-3393 Jul 25 j 23:01	0°♋	
superior conj	-3393 Jul 30 j 20:06	8°♋59'57	1°45'10
minimum elong	-3393 Jul 30 j 22:19	9°♋09'59	1°45'11
max. Earth dist.	-3393 Aug 07 j 08:46	22°♋14'14	1.40887 AU
evening rise	-3393 Aug 12 j 09:54	0°♌39'25	
	-3393 Aug 12 j 00:16	0°♌	
desc. node	-3393 Aug 20 j 13:08	13°♌32'30	
	-3393 Aug 31 j 17:21	0°♍	
greatest brilliancy	-3393 Sep 10 j 06:25	12°♍37'20	-0.3m
evening max el	-3393 Sep 15 j 11:05	18°♍26'34	23°00'56
retrograde	-3393 Sep 25 j 13:14	24°♍25'16	
evening set	-3393 Sep 30 j 08:03	22°♍27'59	
asc. node	-3393 Oct 05 j 11:29	16°♍25'01	
inferior conj	-3393 Oct 05 j 16:34	16°♍07'30	0°04'22
minimum elong	-3393 Oct 05 j 16:27	16°♍07'51	0°04'21
transit middle	-3393 Oct 05 j 16:27	16°♍07'51	0°04'21
transit begin	-3393 Oct 05 j 13:51	16°♍16'49	
transit end	-3393 Oct 05 j 19:04	15°♍58'54	
min. Earth dist.	-3393 Oct 05 j 11:22	16°♍25'23	0.67460 AU
morning rise	-3393 Oct 11 j 00:50	9°♍53'17	
direct	-3393 Oct 15 j 07:26	8°♍12'50	
morning max el	-3393 Oct 24 j 06:34	13°♍31'10	21°43'12
greatest brilliancy	-3393 Oct 29 j 06:09	19°♍13'17	-0.4m
	-3393 Nov 06 j 06:33	0°♎	
desc. node	-3393 Nov 16 j 12:51	15°♎05'34	
morning set	-3393 Nov 25 j 01:16	28°♎18'53	
	-3393 Nov 26 j 02:39	0°♏	
max. Earth dist.	-3393 Dec 01 j 20:06	9°♏19'11	1.41733 AU
superior conj	-3393 Dec 09 j 09:37	22°♏10'41	-1°-52'-26
minimum elong	-3393 Dec 09 j 06:55	21°♏58'54	1°52'26
	-3393 Dec 13 j 19:40	0°♐	
evening rise	-3393 Dec 20 j 05:25	11°♐39'55	
	-3393 Dec 30 j 16:07	0°♑	
asc. node	-3392 Jan 01 j 10:34	2°♑38'38	
evening max el	-3392 Jan 05 j 15:21	7°♑46'06	18°10'43
retrograde	-3392 Jan 12 j 12:20	11°♑15'20	
evening set	-3392 Jan 15 j 02:35	10°♑46'10	
inferior conj	-3392 Jan 21 j 23:44	5°♑52'42	4°00'45
minimum elong	-3392 Jan 22 j 00:06	5°♑51'51	4°00'38
min. Earth dist.	-3392 Jan 25 j 04:47	2°♑57'12	0.60668 AU
morning rise	-3392 Jan 28 j 18:54	0°♑11'58	
	-3392 Jan 29 j 02:34	30°℞♐	
direct	-3392 Feb 04 j 14:49	27°♐59'24	
	-3392 Feb 11 j 11:37	0°♑	
desc. node	-3392 Feb 12 j 12:10	0°♑36'21	
morning max el	-3392 Feb 18 j 18:12	5°♑40'44	27°27'46
	-3392 Mar 07 j 23:11	0°♒	
morning set	-3392 Mar 21 j 12:52	25°♒13'53	
	-3392 Mar 23 j 19:33	0°♓	
max. Earth dist.	-3392 Mar 27 j 22:24	8°♓52'31	1.32581 AU
superior conj	-3392 Mar 28 j 18:15	10°♓40'52	0°-6'-52
minimum elong	-3392 Mar 28 j 18:34	10°♓42'34	0°06'51
behind sun begin	-3392 Mar 28 j 14:00	10°♓17'37	
behind sun end	-3392 Mar 28 j 23:08	11°♓07'32	
asc. node	-3392 Mar 29 j 09:59	12°♓06'50	
evening rise	-3392 Apr 04 j 18:10	25°♓48'38	
	-3392 Apr 06 j 18:36	0°♈	
	-3392 Apr 24 j 10:17	0°♉	
evening max el	-3392 May 01 j 19:29	8°♉27'17	25°25'07
desc. node	-3392 May 10 j 10:59	14°♉29'46	
retrograde	-3392 May 15 j 21:03	15°♉38'19	
evening set	-3392 May 21 j 08:55	14°♉27'31	
min. Earth dist.	-3392 May 26 j 07:44	11°♉40'22	0.58013 AU
inferior conj	-3392 May 29 j 12:26	9°♉26'17	-4°-7'-37
minimum elong	-3392 May 29 j 08:56	9°♉32'28	4°07'09
morning rise	-3392 Jun 06 j 12:55	5°♉08'28	
direct	-3392 Jun 09 j 00:33	4°♉49'20	
morning max el	-3392 Jun 17 j 11:28	8°♉47'37	18°52'42
asc. node	-3392 Jun 25 j 09:27	19°♉13'29	
	-3392 Jul 01 j 09:05	0°♊	
morning set	-3392 Jul 04 j 00:06	5°♊05'24	
superior conj	-3392 Jul 12 j 15:30	21°♊55'31	1°48'54
minimum elong	-3392 Jul 12 j 15:19	21°♊54'36	1°49'01
	-3392 Jul 16 j 23:09	0°♋	
max. Earth dist.	-3392 Jul 19 j 11:20	4°♋32'26	1.38931 AU
evening rise	-3392 Jul 23 j 11:28	11°♋33'45	
	-3392 Aug 03 j 19:39	0°♌	
desc. node	-3392 Aug 06 j 10:08	3°♌57'14	
	-3392 Aug 26 j 02:21	0°♍	
evening max el	-3392 Aug 27 j 23:00	1°♍55'32	24°21'19
retrograde	-3392 Sep 08 j 03:29	8°♍29'06	
evening set	-3392 Sep 13 j 13:14	6°♍12'23	
inferior conj	-3392 Sep 18 j 22:33	29°♌51'31	0°-49'-26
minimum elong	-3392 Sep 18 j 23:43	29°♌47'35	0°48'54
min. Earth dist.	-3392 Sep 18 j 06:55	0°♍44'07	0.67280 AU
	-3392 Sep 18 j 20:02	30°℞♌	
asc. node	-3392 Sep 21 j 08:35	26°♌43'52	
morning rise	-3392 Sep 24 j 10:27	23°♌43'12	
direct	-3392 Sep 28 j 04:19	22°♌22'55	
morning max el	-3392 Oct 06 j 03:22	27°♌01'21	20°27'52
	-3392 Oct 08 j 19:47	0°♍	
greatest brilliancy	-3392 Oct 12 j 14:23	4°♍47'40	-0.5m
	-3392 Oct 29 j 19:01	0°♎	
desc. node	-3392 Nov 02 j 09:50	5°♎34'03	
morning set	-3392 Nov 03 j 01:08	6°♎33'18	
max. Earth dist.	-3392 Nov 13 j 04:22	22°♎33'01	1.43388 AU
	-3392 Nov 17 j 18:15	0°♏	
superior conj	-3392 Nov 19 j 05:19	2°♏24'42	-1°-34'-11
minimum elong	-3392 Nov 18 j 22:56	1°♏58'19	1°33'44
evening rise	-3392 Dec 01 j 18:09	23°♏49'16	
	-3392 Dec 05 j 06:57	0°♐	
asc. node	-3392 Dec 18 j 07:37	20°♐05'29	
evening max el	-3392 Dec 19 j 03:23	20°♐57'40	18°09'49
retrograde	-3392 Dec 25 j 16:49	24°♐26'11	
evening set	-3392 Dec 28 j 10:14	23°♐49'07	
inferior conj	-3391 Jan 03 j 20:06	18°♐34'16	3°55'02
minimum elong	-3391 Jan 03 j 18:21	18°♐38'50	3°54'45
min. Earth dist.	-3391 Jan 06 j 12:56	15°♐46'05	0.62597 AU
morning rise	-3391 Jan 10 j 00:33	12°♐40'07	
direct	-3391 Jan 17 j 01:51	10°♐01'28	
desc. node	-3391 Jan 29 j 09:16	16°♐16'10	
morning max el	-3391 Jan 30 j 23:28	17°♐46'38	27°43'24
	-3391 Feb 10 j 06:18	0°♑	
	-3391 Feb 28 j 16:21	0°♒	
morning set	-3391 Mar 05 j 15:34	9°♒42'37	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3391 Mar 11 j 07:49	21°♒33'27	1.32939 AU	
superior conj	-3391 Mar 13 j 03:59	25°♒31'07	0°-32'-13	
minimum elong	-3391 Mar 13 j 05:26	25°♒38'59	0°32'00	
	-3391 Mar 15 j 05:36	0°♓		
asc. node	-3391 Mar 16 j 07:01	2°♓17'43		
evening rise	-3391 Mar 20 j 05:52	10°♓45'48		
	-3391 Mar 30 j 04:57	0°♈		
evening max el	-3391 Apr 13 j 11:23	19°♈15'21	23°55'55	
retrograde	-3391 Apr 27 j 05:34	26°♈08'42		
desc. node	-3391 Apr 27 j 08:06	26°♈08'40		
evening set	-3391 May 01 j 09:11	25°♈30'30		
min. Earth dist.	-3391 May 07 j 22:43	22°♈22'41	0.56334 AU	
inferior conj	-3391 May 10 j 07:26	20°♈55'42	-3°-14'-28	
minimum elong	-3391 May 10 j 01:21	21°♈05'04	3°12'59	
morning rise	-3391 May 18 j 21:22	16°♈54'47		
direct	-3391 May 21 j 09:37	16°♈38'26		
morning max el	-3391 May 31 j 07:33	21°♈14'08	19°50'56	
	-3391 Jun 07 j 09:32	0°♉		
asc. node	-3391 Jun 12 j 06:32	8°♉13'23		
morning set	-3391 Jun 18 j 02:14	19°♉30'32		
	-3391 Jun 23 j 06:24	0°♊		
superior conj	-3391 Jun 26 j 01:45	5°♊37'59	1°43'42	
minimum elong	-3391 Jun 25 j 23:57	5°♊29'04	1°43'43	
max. Earth dist.	-3391 Jul 01 j 14:44	16°♊23'22	1.37047 AU	
evening rise	-3391 Jul 05 j 13:27	23°♊40'49		
	-3391 Jul 09 j 03:08	0°♋		
desc. node	-3391 Jul 24 j 07:08	24°♋05'29		
	-3391 Jul 28 j 12:01	0°♌		
evening max el	-3391 Aug 10 j 09:44	15°♌27'03	25°35'40	
retrograde	-3391 Aug 22 j 13:30	22°♌27'31		
evening set	-3391 Aug 28 j 14:17	19°♌53'50		
min. Earth dist.	-3391 Sep 01 j 23:13	15°♌02'26	0.66778 AU	
inferior conj	-3391 Sep 03 j 02:03	13°♌35'59	-1°-42'-30	
minimum elong	-3391 Sep 03 j 04:27	13°♌28'15	1°41'30	
asc. node	-3391 Sep 08 j 05:42	7°♌59'55		
morning rise	-3391 Sep 08 j 19:14	7°♌36'38		
direct	-3391 Sep 12 j 02:28	6°♌33'33		
morning max el	-3391 Sep 19 j 07:32	10°♌40'37	19°25'30	
greatest brilliancy	-3391 Sep 28 j 19:46	23°♌03'25	-0.7m	
	-3391 Oct 03 j 10:30	0°♍		
morning set	-3391 Oct 13 j 03:29	15°♍02'13		
desc. node	-3391 Oct 20 j 06:47	26°♍11'26		
	-3391 Oct 22 j 17:02	0°♎		
max. Earth dist.	-3391 Oct 26 j 18:42	6°♎25'02	1.44471 AU	
superior conj	-3391 Oct 29 j 21:59	11°♎24'04	0°-58'-55	
minimum elong	-3391 Oct 29 j 15:20	10°♎57'33	0°58'11	
	-3391 Nov 10 j 09:10	0°♏		
evening rise	-3391 Nov 13 j 10:23	5°♏03'17		
	-3391 Nov 29 j 01:47	0°♐		
evening max el	-3391 Dec 02 j 15:53	4°♐18'26	18°27'40	
asc. node	-3391 Dec 05 j 04:42	6°♐29'51		
retrograde	-3391 Dec 09 j 06:16	7°♐57'00		
evening set	-3391 Dec 12 j 03:56	7°♐10'44		
inferior conj	-3391 Dec 18 j 05:02	1°♐36'51	3°32'10	
minimum elong	-3391 Dec 18 j 02:10	1°♐45'07	3°31'30	
	-3391 Dec 19 j 14:26	30°℞♏		
min. Earth dist.	-3391 Dec 20 j 07:09	29°♏12'17	0.64257 AU	
morning rise	-3391 Dec 23 j 23:03	25°♏32'58		
direct	-3391 Dec 30 j 20:25	22°♏42'51		
	-3390 Jan 12 j 21:42	0°♐		
morning max el	-3390 Jan 13 j 08:22	0°♐26'12	27°23'25	
desc. node	-3390 Jan 16 j 06:20	3°♐30'27		
	-3390 Feb 04 j 06:01	0°♑		
morning set	-3390 Feb 17 j 10:15	23°♑42'47		
	-3390 Feb 20 j 13:41	0°♒		
max. Earth dist.	-3390 Feb 22 j 09:23	3°♒44'30	1.33699 AU	
superior conj	-3390 Feb 25 j 10:02	10°♒05'34	0°-56'-55	
minimum elong	-3390 Feb 25 j 12:30	10°♒18'41	0°56'34	
asc. node	-3390 Mar 03 j 04:02	22°♒21'02		
evening rise	-3390 Mar 04 j 17:00	25°♒35'49		
	-3390 Mar 06 j 20:08	0°♓		
evening max el	-3390 Mar 26 j 04:48	29°♓58'05	22°21'41	
	-3390 Mar 26 j 05:36	0°♈		
retrograde	-3390 Apr 08 j 02:04	6°♈15'37		
evening set	-3390 Apr 11 j 01:12	5°♈56'15		
desc. node	-3390 Apr 14 j 05:13	4°♈56'35		
min. Earth dist.	-3390 Apr 19 j 12:44	2°♈15'19	0.55316 AU	
inferior conj	-3390 Apr 20 j 09:14	1°♈46'12	-1°-41'-3	
minimum elong	-3390 Apr 20 j 04:47	1°♈52'32	1°39'36	
	-3390 Apr 23 j 14:44	30°℞♓		
morning rise	-3390 Apr 29 j 10:18	27°♓49'30		
direct	-3390 May 02 j 02:19	27°♓33'15		
	-3390 May 09 j 21:03	0°♈		
morning max el	-3390 May 13 j 16:55	2°♈59'39	21°08'41	
asc. node	-3390 May 30 j 03:34	27°♈40'14		
	-3390 May 31 j 07:43	0°♉		
morning set	-3390 Jun 02 j 09:40	4°♉13'57		
superior conj	-3390 Jun 09 j 22:22	19°♉53'26	1°31'52	
minimum elong	-3390 Jun 09 j 19:49	19°♉40'17	1°31'42	
max. Earth dist.	-3390 Jun 14 j 00:44	28°♉12'18	1.35424 AU	
	-3390 Jun 14 j 22:30	0°♊		
evening rise	-3390 Jun 18 j 10:45	6°♊46'46		
	-3390 Jul 01 j 19:56	0°♋		
desc. node	-3390 Jul 11 j 04:10	13°♋49'33		
evening max el	-3390 Jul 23 j 20:51	28°♋57'38	26°36'04	
	-3390 Jul 24 j 23:14	0°♌		
retrograde	-3390 Aug 05 j 18:43	6°♌14'18		
evening set	-3390 Aug 12 j 09:01	3°♌29'40		
	-3390 Aug 15 j 19:13	30°℞♋		
min. Earth dist.	-3390 Aug 16 j 09:55	29°♋16'42	0.65922 AU	
inferior conj	-3390 Aug 18 j 01:10	27°♋18'12	-2°-32'-59	
minimum elong	-3390 Aug 18 j 04:34	27°♋07'55	2°31'44	
morning rise	-3390 Aug 24 j 01:09	21°♋30'55		
asc. node	-3390 Aug 26 j 02:48	20°♋46'02		
direct	-3390 Aug 27 j 00:07	20°♋41'35		
morning max el	-3390 Sep 02 j 17:39	24°♋26'03	18°38'31	
	-3390 Sep 07 j 07:40	0°♌		
morning set	-3390 Sep 23 j 04:02	24°♌38'47		
	-3390 Sep 26 j 12:08	0°♍		
desc. node	-3390 Oct 07 j 03:43	16°♍54'16		
superior conj	-3390 Oct 08 j 22:22	19°♍42'20	0°-11'-18	
minimum elong	-3390 Oct 08 j 20:53	19°♍36'26	0°11'06	
behind sun begin	-3390 Oct 08 j 12:25	19°♍03'08		
behind sun end	-3390 Oct 09 j 05:20	20°♍09'44		
max. Earth dist.	-3390 Oct 09 j 12:06	20°♍36'26	1.44860 AU	
	-3390 Oct 15 j 11:15	0°♎		
evening rise	-3390 Oct 25 j 02:18	15°♎14'39		
	-3390 Nov 03 j 09:18	0°♏		
evening max el	-3390 Nov 16 j 02:23	17°♏44'05	19°03'09	
asc. node	-3390 Nov 22 j 01:48	21°♏36'25		
retrograde	-3390 Nov 23 j 00:53	21°♏41'38		
evening set	-3390 Nov 26 j 04:38	20°♏44'04		
inferior conj	-3390 Dec 01 j 23:04	14°♏54'08	2°57'32	
minimum elong	-3390 Dec 01 j 19:58	15°♏03'51	2°56'36	
min. Earth dist.	-3390 Dec 03 j 10:49	13°♏02'24	0.65570 AU	
morning rise	-3390 Dec 07 j 10:20	8°♏43'22		
direct	-3390 Dec 13 j 21:27	5°♏55'55		
morning max el	-3390 Dec 26 j 18:01	13°♏26'56	26°33'15	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3389 Jan 03 j 03:21	21°♏51'34		
	-3389 Jan 09 j 05:34	0°♐		
	-3389 Jan 27 j 21:39	0°♑		
morning set	-3389 Jan 31 j 17:17	7°♑03'09		
max. Earth dist.	-3389 Feb 04 j 23:50	15°♑19'29	1.34904 AU	
superior conj	-3389 Feb 09 j 10:13	24°♑17'41	-1°-19'-39	
minimum elong	-3389 Feb 09 j 13:22	24°♑33'53	1°19'20	
	-3389 Feb 12 j 04:11	0°♒		
evening rise	-3389 Feb 17 j 01:46	10°♒12'50		
asc. node	-3389 Feb 18 j 01:03	12°♒12'22		
	-3389 Feb 27 j 15:21	0°♓		
evening max el	-3389 Mar 08 j 05:58	11°♓02'32	20°55'01	
retrograde	-3389 Mar 19 j 15:28	16°♓29'05		
evening set	-3389 Mar 22 j 00:17	16°♓15'54		
inferior conj	-3389 Mar 31 j 04:17	12°♓18'14	0°15'21	
minimum elong	-3389 Mar 31 j 05:00	12°♓17'13	0°15'03	
transit middle	-3389 Mar 31 j 05:00	12°♓17'13	0°15'03	
transit begin	-3389 Mar 31 j 03:44	12°♓19'02		
transit end	-3389 Mar 31 j 06:16	12°♓15'24		
min. Earth dist.	-3389 Apr 01 j 02:52	11°♓45'58	0.55204 AU	
desc. node	-3389 Apr 01 j 02:20	11°♓46'44		
morning rise	-3389 Apr 09 j 08:31	8°♓07'45		
direct	-3389 Apr 12 j 14:12	7°♓44'56		
morning max el	-3389 Apr 25 j 15:48	14°♓04'16	22°41'46	
	-3389 May 07 j 18:39	0°♈		
asc. node	-3389 May 17 j 00:34	17°♈26'51		
morning set	-3389 May 17 j 20:20	19°♈09'21		
	-3389 May 22 j 23:04	0°♉		
superior conj	-3389 May 25 j 02:06	4°♉31'36	1°15'10	
minimum elong	-3389 May 24 j 23:28	4°♉17'43	1°14'50	
max. Earth dist.	-3389 May 27 j 20:44	10°♉21'43	1.34161 AU	
evening rise	-3389 Jun 01 j 22:18	20°♉36'55		
	-3389 Jun 06 j 20:52	0°♊		
	-3389 Jun 25 j 18:19	0°♋		
desc. node	-3389 Jun 28 j 01:13	2°♋58'53		
evening max el	-3389 Jul 06 j 08:18	12°♋18'53	27°14'41	
retrograde	-3389 Jul 19 j 18:30	19°♋41'33		
evening set	-3389 Jul 26 j 18:42	16°♋55'34		
min. Earth dist.	-3389 Jul 30 j 12:50	13°♋19'58	0.64696 AU	
inferior conj	-3389 Aug 01 j 17:35	10°♋53'49	-3°-18'-27	
minimum elong	-3389 Aug 01 j 21:31	10°♋42'57	3°17'17	
morning rise	-3389 Aug 08 j 01:50	5°♋21'48		
direct	-3389 Aug 10 j 18:59	4°♋42'50		
asc. node	-3389 Aug 12 j 23:53	5°♋08'26		
morning max el	-3389 Aug 17 j 07:29	8°♋13'02	18°08'21	
	-3389 Sep 01 j 00:23	0°♌		
morning set	-3389 Sep 04 j 08:17	5°♌35'34		
superior conj	-3389 Sep 18 j 04:17	28°♌20'50	0°36'52	
minimum elong	-3389 Sep 18 j 08:29	28°♌37'44	0°36'24	
	-3389 Sep 19 j 05:02	0°♍		
max. Earth dist.	-3389 Sep 22 j 05:54	4°♍50'06	1.44525 AU	
desc. node	-3389 Sep 24 j 00:39	7°♍39'08		
evening rise	-3389 Oct 04 j 18:54	24°♍27'14		
	-3389 Oct 08 j 09:01	0°♎		
greatest brilliancy	-3389 Oct 22 j 21:10	21°♎46'56	-0.6m	
	-3389 Oct 29 j 06:22	0°♏		
evening max el	-3389 Oct 30 j 08:42	1°♏10'48	19°54'37	
retrograde	-3389 Nov 06 j 21:48	5°♏35'16		
asc. node	-3389 Nov 08 j 22:53	5°♏11'02		
evening set	-3389 Nov 10 j 09:46	4°♏23'53		
	-3389 Nov 14 j 16:59	30°℞♎		
inferior conj	-3389 Nov 15 j 23:22	28°♎20'55	2°14'50	
minimum elong	-3389 Nov 15 j 20:39	28°♎29'54	2°13'51	
min. Earth dist.	-3389 Nov 16 j 22:04	27°♎05'49	0.66524 AU	
morning rise	-3389 Nov 21 j 06:53	22°♎05'51		
direct	-3389 Nov 27 j 04:05	19°♎31'45		
morning max el	-3389 Dec 09 j 02:49	26°♎36'55	25°21'20	
	-3389 Dec 12 j 06:39	0°♏		
desc. node	-3389 Dec 21 j 00:20	10°♏59'14		
	-3388 Jan 02 j 20:19	0°♐		
morning set	-3388 Jan 14 j 07:45	19°♐28'31		
max. Earth dist.	-3388 Jan 18 j 02:43	26°♐27'13	1.36548 AU	
	-3388 Jan 19 j 23:36	0°♑		
superior conj	-3388 Jan 24 j 01:43	7°♑58'29	-1°-38'-45	
minimum elong	-3388 Jan 24 j 04:52	8°♑14'05	1°38'35	
evening rise	-3388 Feb 01 j 06:07	24°♑30'11		
	-3388 Feb 04 j 00:16	0°♒		
asc. node	-3388 Feb 04 j 22:04	1°♒46'10		
evening max el	-3388 Feb 18 j 17:38	22°♒41'34	19°43'56	
retrograde	-3388 Feb 28 j 10:11	27°♒17'47		
evening set	-3388 Mar 01 j 17:07	27°♒03'33		
inferior conj	-3388 Mar 10 j 06:49	23°♒00'41	2°02'19	
minimum elong	-3388 Mar 10 j 11:21	22°♒53'33	2°00'53	
min. Earth dist.	-3388 Mar 12 j 17:12	21°♒29'25	0.56013 AU	
desc. node	-3388 Mar 17 j 23:25	18°♒46'24		
morning rise	-3388 Mar 19 j 02:16	18°♒22'57		
direct	-3388 Mar 23 j 09:14	17°♒41'52		
morning max el	-3388 Apr 06 j 07:45	24°♒41'56	24°21'14	
	-3388 Apr 11 j 04:31	0°♓		
	-3388 Apr 29 j 07:57	0°♈		
morning set	-3388 May 01 j 08:27	4°♈11'05		
asc. node	-3388 May 02 j 21:34	7°♈27'32		
superior conj	-3388 May 08 j 10:26	19°♈24'29	0°54'55	
minimum elong	-3388 May 08 j 08:15	19°♈12'44	0°54'32	
max. Earth dist.	-3388 May 10 j 01:55	22°♈57'10	1.33270 AU	
	-3388 May 13 j 09:49	0°♉		
evening rise	-3388 May 15 j 19:56	4°♉58'31		
	-3388 May 29 j 12:56	0°♊		
desc. node	-3388 Jun 13 j 22:17	21°♊18'48		
evening max el	-3388 Jun 17 j 18:14	25°♊18'17	27°24'54	
	-3388 Jun 23 j 14:18	0°♋		
retrograde	-3388 Jul 01 j 12:07	2°♋40'55		
evening set	-3388 Jul 08 j 15:59	0°♋06'12		
	-3388 Jul 08 j 19:26	30°℞♊		
min. Earth dist.	-3388 Jul 12 j 06:12	27°♊02'23	0.63100 AU	
inferior conj	-3388 Jul 15 j 00:38	24°♊17'12	-3°-55'-27	
minimum elong	-3388 Jul 15 j 04:11	24°♊08'20	3°54'43	
morning rise	-3388 Jul 21 j 18:31	19°♊03'46		
direct	-3388 Jul 24 j 08:08	18°♊32'28		
asc. node	-3388 Jul 29 j 20:56	20°♊57'55		
morning max el	-3388 Jul 30 j 22:29	21°♊56'42	17°56'04	
	-3388 Aug 06 j 03:03	0°♋		
morning set	-3388 Aug 16 j 12:39	17°♋41'50		
	-3388 Aug 23 j 13:58	0°♌		
superior conj	-3388 Aug 28 j 09:41	8°♌10'17	1°14'33	
minimum elong	-3388 Aug 28 j 15:19	8°♌33'49	1°14'03	
max. Earth dist.	-3388 Sep 03 j 21:13	18°♌48'58	1.43512 AU	
desc. node	-3388 Sep 09 j 21:38	28°♌23'27		
	-3388 Sep 10 j 22:18	0°♍		
evening rise	-3388 Sep 12 j 23:37	3°♍11'56		
	-3388 Sep 30 j 21:51	0°♎		
greatest brilliancy	-3388 Oct 06 j 20:06	8°♎05'36	-0.5m	
evening max el	-3388 Oct 12 j 09:17	14°♎37'23	20°59'38	
retrograde	-3388 Oct 20 j 18:51	19°♎35'41		
evening set	-3388 Oct 24 j 17:16	18°♎07'50		
asc. node	-3388 Oct 25 j 19:57	17°♎11'00		
inferior conj	-3388 Oct 30 j 03:40	11°♎55'09	1°26'41	
minimum elong	-3388 Oct 30 j 01:46	12°♎01'39	1°25'55	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-3388 Oct 30 j 14:47	11°♎17'07	0.67138 AU
morning rise	-3388 Nov 04 j 09:53	5°♎38'16	
direct	-3388 Nov 09 j 15:40	3°♎23'49	
morning max el	-3388 Nov 20 j 11:31	9°♎51'14	23°57'21
	-3388 Dec 06 j 10:07	0°♏	
desc. node	-3388 Dec 06 j 21:20	0°♏40'13	
morning set	-3388 Dec 25 j 23:38	0°♐42'54	
	-3388 Dec 25 j 13:36	0°♐	
max. Earth dist.	-3388 Dec 29 j 23:02	7°♐39'09	1.38526 AU
superior conj	-3387 Jan 06 j 04:49	20°♐57'48	-1°-51'-51
minimum elong	-3387 Jan 06 j 06:52	21°♐07'29	1°51'54
	-3387 Jan 10 j 21:21	0°♑	
evening rise	-3387 Jan 15 j 03:41	8°♑21'29	
asc. node	-3387 Jan 21 j 19:06	20°♑56'03	
	-3387 Jan 27 j 11:01	0°♒	
evening max el	-3387 Jan 31 j 15:18	4°♒55'19	18°51'56
retrograde	-3387 Feb 08 j 21:13	8°♒53'44	
evening set	-3387 Feb 11 j 06:40	8°♒35'00	
inferior conj	-3387 Feb 19 j 03:09	4°♒15'18	3°16'17
minimum elong	-3387 Feb 19 j 07:33	4°♒07'17	3°15'19
min. Earth dist.	-3387 Feb 22 j 08:59	1°♒55'02	0.57547 AU
	-3387 Feb 25 j 10:13	30°℞♑	
morning rise	-3387 Feb 27 j 04:39	29°♑07'43	
direct	-3387 Mar 04 j 16:42	27°♑54'45	
desc. node	-3387 Mar 04 j 20:31	27°♑54'49	
	-3387 Mar 12 j 00:34	0°♒	
morning max el	-3387 Mar 18 j 23:01	5°♒19'23	25°53'10
	-3387 Apr 05 j 21:50	0°♓	
morning set	-3387 Apr 15 j 20:18	19°♓12'25	
asc. node	-3387 Apr 19 j 18:34	27°♓36'41	
	-3387 Apr 20 j 20:54	0°♈	
superior conj	-3387 Apr 22 j 21:20	4°♈24'36	0°32'07
minimum elong	-3387 Apr 22 j 19:57	4°♈17'05	0°31'50
max. Earth dist.	-3387 Apr 23 j 13:04	5°♈50'29	1.32730 AU
evening rise	-3387 Apr 30 j 00:24	19°♈40'14	
	-3387 May 05 j 04:53	0°♉	
	-3387 May 24 j 01:41	0°♊	
evening max el	-3387 May 30 j 23:52	7°♊41'56	27°02'40
desc. node	-3387 May 31 j 19:23	8°♊27'34	
retrograde	-3387 Jun 13 j 22:50	15°♊02'36	
evening set	-3387 Jun 20 j 20:43	12°♊52'57	
min. Earth dist.	-3387 Jun 24 j 13:24	10°♊09'04	0.61196 AU
inferior conj	-3387 Jun 27 j 18:56	7°♊19'25	-4°-18'-47
minimum elong	-3387 Jun 27 j 20:48	7°♊15'20	4°18'33
morning rise	-3387 Jul 04 j 23:47	2°♊27'24	
direct	-3387 Jul 07 j 11:44	2°♊01'49	
morning max el	-3387 Jul 14 j 11:52	5°♊29'42	18°02'30
asc. node	-3387 Jul 16 j 17:59	7°♊58'18	
morning set	-3387 Jul 30 j 11:23	0°♋40'51	
	-3387 Jul 30 j 02:31	0°♋	
superior conj	-3387 Aug 09 j 18:39	19°♋21'42	1°37'53
minimum elong	-3387 Aug 09 j 22:25	19°♋38'13	1°37'44
	-3387 Aug 15 j 23:08	0°♌	
max. Earth dist.	-3387 Aug 17 j 07:10	2°♌13'51	1.41949 AU
evening rise	-3387 Aug 23 j 11:37	12°♌18'12	
desc. node	-3387 Aug 27 j 18:39	19°♌03'20	
	-3387 Sep 03 j 23:38	0°♍	
greatest brilliancy	-3387 Sep 20 j 10:00	22°♍42'32	-0.3m
evening max el	-3387 Sep 25 j 03:43	28°♍03'16	22°14'53
	-3387 Sep 27 j 04:56	0°♎	
retrograde	-3387 Oct 04 j 14:23	3°♎40'05	
evening set	-3387 Oct 09 j 01:16	1°♎53'44	
	-3387 Oct 11 j 00:04	30°℞♍	
asc. node	-3387 Oct 12 j 17:02	27°♍54'11	
inferior conj	-3387 Oct 14 j 10:01	25°♍34'51	0°35'03
minimum elong	-3387 Oct 14 j 09:13	25°♍37'38	0°34'42
min. Earth dist.	-3387 Oct 14 j 10:35	25°♍32'52	0.67428 AU
morning rise	-3387 Oct 19 j 17:01	19°♍18'50	
direct	-3387 Oct 24 j 07:37	17°♍26'16	
morning max el	-3387 Nov 02 j 22:47	23°♍10'04	22°30'53
greatest brilliancy	-3387 Nov 07 j 15:23	28°♍26'55	-0.3m
	-3387 Nov 08 j 21:28	0°♎	
desc. node	-3387 Nov 23 j 18:20	20°♎45'05	
	-3387 Nov 29 j 19:58	0°♏	
morning set	-3387 Dec 06 j 11:39	10°♏35'01	
max. Earth dist.	-3387 Dec 11 j 20:20	19°♏29'16	1.40600 AU
	-3387 Dec 17 j 21:43	0°♐	
superior conj	-3387 Dec 19 j 14:46	3°♐03'35	-1°-55'-48
minimum elong	-3387 Dec 19 j 14:12	3°♐01'03	1°55'55
evening rise	-3387 Dec 29 j 15:33	21°♐39'58	
	-3386 Jan 03 j 02:48	0°♑	
asc. node	-3386 Jan 08 j 16:09	9°♑34'23	
evening max el	-3386 Jan 14 j 20:49	17°♑38'07	18°20'02
retrograde	-3386 Jan 22 j 02:51	21°♑14'06	
evening set	-3386 Jan 24 j 15:15	20°♑49'10	
inferior conj	-3386 Jan 31 j 20:08	16°♑08'25	3°53'27
minimum elong	-3386 Jan 31 j 22:04	16°♑04'20	3°53'11
min. Earth dist.	-3386 Feb 04 j 05:01	13°♑18'38	0.59489 AU
morning rise	-3386 Feb 08 j 01:36	10°♑37'17	
direct	-3386 Feb 14 j 12:52	8°♑45'22	
desc. node	-3386 Feb 19 j 17:37	9°♑53'29	
morning max el	-3386 Feb 28 j 18:56	16°♑23'25	27°02'31
	-3386 Mar 11 j 23:15	0°♒	
	-3386 Mar 29 j 06:05	0°♓	
morning set	-3386 Mar 31 j 06:12	4°♓06'59	
asc. node	-3386 Apr 06 j 15:36	17°♓49'59	
superior conj	-3386 Apr 07 j 09:07	19°♓25'47	0°07'39
minimum elong	-3386 Apr 07 j 08:46	19°♓23'55	0°07'34
behind sun begin	-3386 Apr 07 j 04:21	18°♓59'44	
behind sun end	-3386 Apr 07 j 13:11	19°♓48'07	
max. Earth dist.	-3386 Apr 07 j 02:27	18°♓49'21	1.32532 AU
	-3386 Apr 12 j 05:40	0°♈	
evening rise	-3386 Apr 14 j 09:16	4°♈33'41	
	-3386 Apr 28 j 00:45	0°♉	
evening max el	-3386 May 12 j 23:19	19°♉22'54	26°08'28
desc. node	-3386 May 18 j 16:28	23°♉56'06	
retrograde	-3386 May 27 j 01:20	26°♉39'49	
evening set	-3386 Jun 02 j 04:59	25°♉06'24	
min. Earth dist.	-3386 Jun 06 j 12:03	22°♉25'16	0.59149 AU
inferior conj	-3386 Jun 09 j 20:54	19°♉51'36	-4°-20'-30
minimum elong	-3386 Jun 09 j 19:34	19°♉54'09	4°20'23
morning rise	-3386 Jun 17 j 13:56	15°♉21'58	
direct	-3386 Jun 20 j 01:22	15°♉00'54	
morning max el	-3386 Jun 27 j 20:46	18°♉44'11	18°28'31
asc. node	-3386 Jul 03 j 15:03	25°♉54'48	
	-3386 Jul 06 j 04:15	0°♊	
morning set	-3386 Jul 13 j 23:36	14°♊20'15	
	-3386 Jul 22 j 04:49	0°♋	
superior conj	-3386 Jul 23 j 03:10	1°♋43'55	1°48'00
minimum elong	-3386 Jul 23 j 04:17	1°♋49'05	1°48'06
max. Earth dist.	-3386 Jul 30 j 11:07	14°♋53'35	1.40061 AU
evening rise	-3386 Aug 03 j 22:01	22°♋28'26	
	-3386 Aug 08 j 12:29	0°♌	
desc. node	-3386 Aug 14 j 15:39	9°♌34'48	
	-3386 Aug 28 j 23:25	0°♍	
evening max el	-3386 Sep 07 j 17:13	11°♍30'00	23°35'21
retrograde	-3386 Sep 18 j 07:00	17°♍45'01	
evening set	-3386 Sep 23 j 08:00	15°♍39'16	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3386 Sep 28 j 16:39	9°♍17'54	0°-18'-26
minimum elong	-3386 Sep 28 j 17:05	9°♍16'26	0°18'14
min. Earth dist.	-3386 Sep 28 j 07:01	9°♍50'49	0.67416 AU
asc. node	-3386 Sep 29 j 14:09	8°♍04'48	
morning rise	-3386 Oct 04 j 02:15	3°♍05'42	
direct	-3386 Oct 08 j 03:04	1°♍34'18	
morning max el	-3386 Oct 16 j 15:31	6°♍35'19	21°09'43
greatest brilliancy	-3386 Oct 22 j 03:20	12°♍59'24	-0.5m
	-3386 Nov 03 j 06:25	0°♎	
desc. node	-3386 Nov 10 j 15:19	11°♎06'19	
morning set	-3386 Nov 15 j 20:48	19°♎12'20	
	-3386 Nov 22 j 15:21	0°♏	
max. Earth dist.	-3386 Nov 23 j 23:35	2°♏11'10	1.42489 AU
superior conj	-3386 Dec 01 j 01:50	14°♏01'23	-1°-46'-45
minimum elong	-3386 Nov 30 j 21:27	13°♏42'39	1°46'35
	-3386 Dec 10 j 04:48	0°♐	
evening rise	-3386 Dec 12 j 13:59	4°♐16'46	
asc. node	-3386 Dec 26 j 13:13	27°♐30'40	
	-3386 Dec 28 j 15:22	0°♑	
evening max el	-3386 Dec 29 j 07:19	0°♑41'17	18°08'01
retrograde	-3385 Jan 05 j 00:05	4°♑08'50	
evening set	-3385 Jan 07 j 15:30	3°♑36'35	
	-3385 Jan 12 j 19:25	30°℞♐	
inferior conj	-3385 Jan 14 j 07:33	28°♐34'07	4°00'50
minimum elong	-3385 Jan 14 j 06:54	28°♐35'42	4°00'41
min. Earth dist.	-3385 Jan 17 j 08:08	25°♐38'53	0.61510 AU
morning rise	-3385 Jan 20 j 19:53	22°♐46'56	
direct	-3385 Jan 27 j 19:27	20°♐21'13	
desc. node	-3385 Feb 06 j 14:42	24°♐22'28	
morning max el	-3385 Feb 10 j 20:54	28°♐05'39	27°38'53
	-3385 Feb 12 j 17:34	0°♑	
	-3385 Mar 05 j 15:47	0°♒	
morning set	-3385 Mar 15 j 12:09	18°♒46'46	
	-3385 Mar 20 j 19:52	0°♓	
max. Earth dist.	-3385 Mar 21 j 14:10	1°♓39'00	1.32682 AU
superior conj	-3385 Mar 22 j 20:03	4°♓21'20	0°-17'-38
minimum elong	-3385 Mar 22 j 20:51	4°♓25'41	0°17'31
asc. node	-3385 Mar 24 j 12:38	8°♓02'32	
evening rise	-3385 Mar 29 j 20:25	19°♓30'45	
	-3385 Apr 04 j 00:34	0°♈	
	-3385 Apr 24 j 06:37	0°♉	
evening max el	-3385 Apr 24 j 17:02	0°♉25'15	24°48'46
desc. node	-3385 May 05 j 13:33	7°♉08'01	
retrograde	-3385 May 08 j 17:15	7°♉31'06	
evening set	-3385 May 13 j 15:28	6°♉35'45	
min. Earth dist.	-3385 May 19 j 05:12	3°♉40'59	0.57232 AU
inferior conj	-3385 May 22 j 03:26	1°♉45'03	-3°-50'-13
minimum elong	-3385 May 21 j 22:30	1°♉53'15	3°49'19
	-3385 May 24 j 21:14	30°℞♈	
morning rise	-3385 May 30 j 09:39	27°♈35'19	
direct	-3385 Jun 01 j 21:12	27°♈17'41	
	-3385 Jun 09 j 03:15	0°♉	
morning max el	-3385 Jun 10 j 22:14	1°♉30'32	19°14'58
asc. node	-3385 Jun 20 j 12:08	14°♉34'32	
morning set	-3385 Jun 27 j 21:33	28°♉30'54	
	-3385 Jun 28 j 15:29	0°♊	
superior conj	-3385 Jul 06 j 05:29	15°♊01'06	1°47'38
minimum elong	-3385 Jul 06 j 04:30	14°♊56'20	1°47'44
max. Earth dist.	-3385 Jul 12 j 12:52	26°♊55'42	1.38106 AU
	-3385 Jul 14 j 05:31	0°♋	
evening rise	-3385 Jul 16 j 10:31	3°♋55'21	
desc. node	-3385 Aug 01 j 12:39	29°♋53'18	
	-3385 Aug 01 j 14:28	0°♌	
evening max el	-3385 Aug 21 j 04:24	25°♌00'35	24°54'13
	-3385 Aug 27 j 07:40	0°♍	
retrograde	-3385 Sep 01 j 19:37	1°♍47'08	
	-3385 Sep 06 j 17:17	30°℞♌	
evening set	-3385 Sep 07 j 11:41	29°♌22'58	
min. Earth dist.	-3385 Sep 12 j 01:37	24°♌09'49	0.67103 AU
inferior conj	-3385 Sep 12 j 21:49	23°♌02'52	-1°-12'-8
minimum elong	-3385 Sep 12 j 23:31	22°♌57'13	1°11'23
asc. node	-3385 Sep 16 j 11:15	18°♌42'28	
morning rise	-3385 Sep 18 j 11:45	16°♌57'40	
direct	-3385 Sep 22 j 00:48	15°♌45'02	
morning max el	-3385 Sep 29 j 15:27	20°♌09'19	19°59'29
greatest brilliancy	-3385 Oct 07 j 02:28	29°♌24'00	-0.6m
	-3385 Oct 07 j 12:48	0°♍	
morning set	-3385 Oct 25 j 18:38	27°♍24'03	
	-3385 Oct 27 j 10:50	0°♎	
desc. node	-3385 Oct 28 j 12:18	1°♎39'03	
max. Earth dist.	-3385 Nov 06 j 10:19	15°♎41'54	1.43929 AU
superior conj	-3385 Nov 11 j 09:44	23°♎42'40	-1°-21'-14
minimum elong	-3385 Nov 11 j 02:35	23°♎13'36	1°20'35
	-3385 Nov 15 j 05:50	0°♏	
evening rise	-3385 Nov 24 j 18:32	16°♏03'23	
	-3385 Dec 02 j 23:21	0°♐	
evening max el	-3385 Dec 12 j 19:56	13°♐57'44	18°15'12
asc. node	-3385 Dec 13 j 10:17	14°♐32'46	
retrograde	-3385 Dec 19 j 08:43	17°♐28'57	
evening set	-3385 Dec 22 j 03:50	16°♐48'08	
inferior conj	-3385 Dec 28 j 09:42	11°♐25'05	3°47'00
minimum elong	-3385 Dec 28 j 07:22	11°♐31'29	3°46'33
min. Earth dist.	-3385 Dec 30 j 20:28	8°♐45'18	0.63353 AU
morning rise	-3384 Jan 03 j 09:15	5°♐26'39	
direct	-3384 Jan 10 j 10:03	2°♐40'58	
morning max el	-3384 Jan 24 j 03:46	10°♐25'59	27°38'51
desc. node	-3384 Jan 24 j 11:47	10°♐45'55	
	-3384 Feb 08 j 14:13	0°♑	
	-3384 Feb 25 j 22:36	0°♒	
morning set	-3384 Feb 27 j 11:46	3°♒03'50	
max. Earth dist.	-3384 Mar 03 j 20:30	14°♒07'06	1.33213 AU
superior conj	-3384 Mar 06 j 04:26	19°♒05'16	0°-42'-51
minimum elong	-3384 Mar 06 j 06:21	19°♒15'32	0°42'34
asc. node	-3384 Mar 10 j 09:39	28°♒10'18	
	-3384 Mar 11 j 06:07	0°♓	
evening rise	-3384 Mar 13 j 08:04	4°♓25'08	
	-3384 Mar 27 j 07:31	0°♈	
evening max el	-3384 Apr 05 j 08:55	11°♈07'31	23°15'37
retrograde	-3384 Apr 18 j 20:05	17°♈47'13	
desc. node	-3384 Apr 21 j 10:40	17°♈32'12	
evening set	-3384 Apr 22 j 10:13	17°♈19'03	
min. Earth dist.	-3384 Apr 29 j 19:34	13°♈58'51	0.55801 AU
inferior conj	-3384 May 01 j 14:16	12°♈56'04	-2°-39'-16
minimum elong	-3384 May 01 j 08:15	13°♈04'56	2°37'33
morning rise	-3384 May 10 j 09:25	8°♈58'32	
direct	-3384 May 12 j 22:42	8°♈42'36	
morning max el	-3384 May 23 j 13:43	13°♈39'06	20°21'50
	-3384 Jun 04 j 08:02	0°♉	
asc. node	-3384 Jun 06 j 09:10	3°♉46'34	
morning set	-3384 Jun 11 j 02:12	13°♉04'16	
superior conj	-3384 Jun 18 j 20:33	28°♉58'18	1°39'23
minimum elong	-3384 Jun 18 j 18:20	28°♉47'08	1°39'19
	-3384 Jun 19 j 08:46	0°♊	
max. Earth dist.	-3384 Jun 23 j 18:41	8°♊43'08	1.36316 AU
evening rise	-3384 Jun 27 j 21:22	16°♊29'04	
	-3384 Jul 05 j 13:40	0°♋	
desc. node	-3384 Jul 18 j 09:40	19°♋52'11	
	-3384 Jul 26 j 00:00	0°♌	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3384 Aug 02 j 15:25	8°♌33'09	26°03'39
retrograde	-3384 Aug 15 j 03:28	15°♌41'06	
evening set	-3384 Aug 21 j 10:17	13°♌02'07	
min. Earth dist.	-3384 Aug 25 j 15:49	8°♌26'52	0.66460 AU
inferior conj	-3384 Aug 26 j 23:41	6°♌46'47	-2°-4'-22
minimum elong	-3384 Aug 27 j 02:34	6°♌37'46	2°03'13
morning rise	-3384 Sep 01 j 19:34	0°♌52'00	
asc. node	-3384 Sep 02 j 08:21	0°♌34'21	
	-3384 Sep 04 j 00:38	30°℞♋	
direct	-3384 Sep 04 j 23:06	29°♋54'59	
	-3384 Sep 05 j 21:49	0°♌	
morning max el	-3384 Sep 11 j 22:16	3°♌51'07	19°03'30
	-3384 Sep 30 j 04:53	0°♍	
morning set	-3384 Oct 04 j 04:51	6°♍17'43	
desc. node	-3384 Oct 14 j 09:14	22°♍18'53	
max. Earth dist.	-3384 Oct 19 j 02:43	29°♍45'39	1.44734 AU
	-3384 Oct 19 j 06:21	0°♎	
superior conj	-3384 Oct 20 j 17:17	2°♎17'53	0°-39'-39
minimum elong	-3384 Oct 20 j 12:17	1°♎58'10	0°39'02
evening rise	-3384 Nov 05 j 00:39	26°♎50'52	
	-3384 Nov 06 j 23:03	0°♏	
evening max el	-3384 Nov 25 j 07:55	27°♏21'03	18°40'42
	-3384 Nov 28 j 12:27	0°♐	
asc. node	-3384 Nov 29 j 07:20	0°♐25'50	
retrograde	-3384 Dec 02 j 00:43	1°♐06'17	
evening set	-3384 Dec 05 j 00:52	0°♐15'18	
	-3384 Dec 05 j 11:07	30°℞♏	
inferior conj	-3384 Dec 10 j 22:52	24°♏34'07	3°18'37
minimum elong	-3384 Dec 10 j 19:48	24°♏43'16	3°17'49
min. Earth dist.	-3384 Dec 12 j 18:40	22°♏23'05	0.64866 AU
morning rise	-3384 Dec 16 j 13:38	18°♏27'13	
direct	-3384 Dec 23 j 07:18	15°♏36'56	
morning max el	-3383 Jan 05 j 13:12	23°♏15'34	27°05'19
desc. node	-3383 Jan 10 j 08:49	28°♏31'10	
	-3383 Jan 11 j 14:26	0°♐	
	-3383 Jan 31 j 20:51	0°♑	
morning set	-3383 Feb 10 j 02:00	16°♑48'28	
max. Earth dist.	-3383 Feb 14 j 17:48	26°♑03'47	1.34160 AU
	-3383 Feb 16 j 15:46	0°♒	
superior conj	-3383 Feb 18 j 08:18	3°♒31'17	-1°-6'-52
minimum elong	-3383 Feb 18 j 11:07	3°♒46'03	1°06'32
asc. node	-3383 Feb 25 j 06:39	18°♒09'13	
evening rise	-3383 Feb 25 j 18:27	19°♒10'46	
	-3383 Mar 03 j 04:03	0°♓	
evening max el	-3383 Mar 18 j 05:04	21°♓57'06	21°43'14
retrograde	-3383 Mar 30 j 12:07	27°♓53'44	
evening set	-3383 Apr 02 j 03:35	27°♓38'02	
desc. node	-3383 Apr 08 j 07:47	25°♓18'52	
inferior conj	-3383 Apr 11 j 11:34	23°♓35'24	0°-52'-38
minimum elong	-3383 Apr 11 j 09:06	23°♓38'50	0°51'50
min. Earth dist.	-3383 Apr 11 j 09:16	23°♓38'37	0.55153 AU
morning rise	-3383 Apr 20 j 15:20	19°♓35'28	
direct	-3383 Apr 23 j 11:53	19°♓17'26	
morning max el	-3383 May 05 j 18:20	25°♓06'16	21°46'54
	-3383 May 10 j 05:53	0°♈	
asc. node	-3383 May 24 j 06:11	23°♈22'51	
morning set	-3383 May 26 j 11:16	27°♈53'57	
	-3383 May 27 j 11:31	0°♉	
superior conj	-3383 Jun 02 j 20:33	13°♉24'37	1°25'18
minimum elong	-3383 Jun 02 j 17:54	13°♉10'47	1°25'03
max. Earth dist.	-3383 Jun 06 j 09:10	20°♉40'44	1.34840 AU
evening rise	-3383 Jun 11 j 01:19	29°♉55'29	
	-3383 Jun 11 j 02:15	0°♊	
	-3383 Jun 28 j 15:46	0°♋	

desc. node	-3383 Jul 05 j 06:42	9°♋22'57	
evening max el	-3383 Jul 16 j 02:50	22°♋01'04	26°55'32
retrograde	-3383 Jul 29 j 06:13	29°♋20'41	
evening set	-3383 Aug 05 j 01:31	26°♋33'59	
min. Earth dist.	-3383 Aug 08 j 23:19	22°♋37'29	0.65454 AU
inferior conj	-3383 Aug 10 j 20:14	20°♋26'33	-2°-53'-3
minimum elong	-3383 Aug 10 j 23:56	20°♋15'44	2°51'47
morning rise	-3383 Aug 16 j 23:35	14°♋45'31	
direct	-3383 Aug 19 j 19:52	14°♋00'53	
asc. node	-3383 Aug 20 j 05:26	14°♋01'46	
morning max el	-3383 Aug 26 j 10:18	17°♋37'51	18°23'36
	-3383 Sep 04 j 13:14	0°♌	
morning set	-3383 Sep 14 j 17:16	16°♌29'03	
	-3383 Sep 23 j 01:19	0°♍	
superior conj	-3383 Sep 29 j 17:05	10°♍36'18	0°09'52
minimum elong	-3383 Sep 29 j 18:22	10°♍41'21	0°09'45
behind sun begin	-3383 Sep 29 j 09:17	10°♍05'26	
behind sun end	-3383 Sep 30 j 03:26	11°♍17'14	
desc. node	-3383 Oct 01 j 06:10	13°♍02'49	
max. Earth dist.	-3383 Oct 01 j 21:09	14°♍01'55	1.44811 AU
	-3383 Oct 12 j 01:08	0°♎	
evening rise	-3383 Oct 16 j 06:06	6°♎35'51	
greatest brilliancy	-3383 Oct 30 j 04:48	28°♎13'24	-0.7m
	-3383 Oct 31 j 09:35	0°♏	
evening max el	-3383 Nov 08 j 16:48	10°♏46'59	19°23'09
retrograde	-3383 Nov 15 j 20:44	14°♏55'12	
asc. node	-3383 Nov 16 j 04:25	14°♏54'37	
evening set	-3383 Nov 19 j 03:44	13°♏51'57	
inferior conj	-3383 Nov 24 j 19:52	7°♏55'45	2°40'13
minimum elong	-3383 Nov 24 j 16:52	8°♏05'24	2°39'14
min. Earth dist.	-3383 Nov 26 j 01:47	6°♏19'40	0.66019 AU
morning rise	-3383 Nov 30 j 05:13	1°♏42'48	
	-3383 Dec 02 j 15:00	30°℞♎	
direct	-3383 Dec 06 j 10:34	29°♎00'19	
	-3383 Dec 10 j 14:05	0°♏	
morning max el	-3383 Dec 18 j 22:47	6°♏21'54	26°04'49
desc. node	-3383 Dec 28 j 05:49	17°♏13'48	
	-3382 Jan 06 j 07:32	0°♐	
morning set	-3382 Jan 24 j 02:40	29°♐47'15	
	-3382 Jan 24 j 05:24	0°♑	
max. Earth dist.	-3382 Jan 28 j 03:28	7°♑26'20	1.35553 AU
superior conj	-3382 Feb 02 j 05:09	17°♑30'48	-1°-28'-19
minimum elong	-3382 Feb 02 j 08:24	17°♑47'19	1°28'04
	-3382 Feb 08 j 06:47	0°♒	
evening rise	-3382 Feb 10 j 01:37	3°♒40'15	
asc. node	-3382 Feb 12 j 03:39	7°♒53'44	
	-3382 Feb 25 j 10:17	0°♓	
evening max el	-3382 Feb 28 j 10:26	3°♓14'48	20°22'32
retrograde	-3382 Mar 11 j 02:37	8°♓19'42	
evening set	-3382 Mar 13 j 09:29	8°♓06'41	
inferior conj	-3382 Mar 22 j 08:08	4°♓08'17	1°03'44
minimum elong	-3382 Mar 22 j 10:54	4°♓04'11	1°02'45
min. Earth dist.	-3382 Mar 23 j 23:21	3°♓10'30	0.55438 AU
desc. node	-3382 Mar 26 j 04:53	1°♓55'25	
	-3382 Mar 30 j 16:16	30°℞♒	
morning rise	-3382 Mar 31 j 10:07	29°♒47'22	
direct	-3382 Apr 04 j 01:05	29°♒18'45	
	-3382 Apr 08 j 07:53	0°♓	
morning max el	-3382 Apr 17 j 13:48	5°♓57'14	23°24'07
	-3382 May 04 j 11:19	0°♈	
morning set	-3382 May 10 j 22:45	12°♈52'37	
asc. node	-3382 May 11 j 03:11	13°♈15'54	
superior conj	-3382 May 18 j 02:31	28°♈09'50	1°06'57
minimum elong	-3382 May 18 j 00:02	27°♈56'33	1°06'35

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3382 May 18 j 23:09	0°♉	
max. Earth dist.	-3382 May 20 j 09:13	3°♉00'34	1.33733 AU
evening rise	-3382 May 25 j 17:34	13°♉59'51	
	-3382 Jun 03 j 06:22	0°♊	
desc. node	-3382 Jun 22 j 03:47	28°♊13'05	
	-3382 Jun 23 j 15:50	0°♋	
evening max el	-3382 Jun 28 j 13:40	5°♋13'18	27°22'43
retrograde	-3382 Jul 12 j 03:34	12°♋37'02	
evening set	-3382 Jul 19 j 06:23	9°♋53'47	
min. Earth dist.	-3382 Jul 22 j 22:10	6°♋33'03	0.64059 AU
inferior conj	-3382 Jul 25 j 09:00	3°♋57'06	-3°-35'-27
minimum elong	-3382 Jul 25 j 12:54	3°♋46'44	3°34'26
	-3382 Jul 29 j 12:25	30°℞♊	
morning rise	-3382 Jul 31 j 21:13	28°♊32'57	
direct	-3382 Aug 03 j 12:33	27°♊57'39	
asc. node	-3382 Aug 07 j 02:30	29°♊02'30	
	-3382 Aug 08 j 11:34	0°♋	
morning max el	-3382 Aug 10 j 01:01	1°♋24'12	18°00'58
morning set	-3382 Aug 27 j 08:26	27°♋56'52	
	-3382 Aug 28 j 13:11	0°♌	
superior conj	-3382 Sep 09 j 07:42	19°♌41'37	0°54'32
minimum elong	-3382 Sep 09 j 13:05	20°♌03'32	0°53'57
max. Earth dist.	-3382 Sep 14 j 14:03	28°♌10'44	1.44164 AU
	-3382 Sep 15 j 17:31	0°♍	
desc. node	-3382 Sep 18 j 03:09	3°♍47'54	
evening rise	-3382 Sep 25 j 15:37	15°♍31'14	
	-3382 Oct 05 j 03:10	0°♎	
greatest brilliancy	-3382 Oct 16 j 08:04	16°♎16'14	-0.6m
evening max el	-3382 Oct 22 j 20:45	24°♎13'42	20°20'44
retrograde	-3382 Oct 30 j 18:05	28°♎52'20	
evening set	-3382 Nov 03 j 10:08	27°♎34'22	
asc. node	-3382 Nov 03 j 01:29	27°♎49'01	
inferior conj	-3382 Nov 08 j 22:10	21°♎26'41	1°55'00
minimum elong	-3382 Nov 08 j 19:45	21°♎34'48	1°54'04
min. Earth dist.	-3382 Nov 09 j 15:48	20°♎27'20	0.66819 AU
morning rise	-3382 Nov 14 j 04:50	15°♎10'14	
direct	-3382 Nov 19 j 19:26	12°♎44'00	
morning max el	-3382 Dec 01 j 07:32	19°♎35'09	24°46'31
	-3382 Dec 10 j 05:06	0°♏	
desc. node	-3382 Dec 15 j 02:48	6°♏37'16	
	-3382 Dec 30 j 10:57	0°♐	
morning set	-3381 Jan 06 j 08:23	11°♐45'10	
max. Earth dist.	-3381 Jan 10 j 02:39	18°♐31'17	1.37356 AU
	-3381 Jan 16 j 04:31	0°♑	
superior conj	-3381 Jan 16 j 15:55	0°♑55'29	-1°-45'-13
minimum elong	-3381 Jan 16 j 18:46	1°♑09'19	1°45'08
evening rise	-3381 Jan 25 j 03:26	17°♑47'31	
asc. node	-3381 Jan 30 j 00:41	27°♑18'18	
	-3381 Jan 31 j 11:46	0°♒	
evening max el	-3381 Feb 11 j 02:35	15°♒09'18	19°19'23
retrograde	-3381 Feb 20 j 03:29	19°♒27'40	
evening set	-3381 Feb 22 j 11:04	19°♒11'57	
inferior conj	-3381 Mar 02 j 17:30	15°♒03'06	2°38'18
minimum elong	-3381 Mar 02 j 22:26	14°♒54'52	2°36'56
min. Earth dist.	-3381 Mar 05 j 14:26	13°♒08'53	0.56593 AU
morning rise	-3381 Mar 11 j 05:59	10°♒11'47	
desc. node	-3381 Mar 13 j 01:58	9°♒39'11	
direct	-3381 Mar 16 j 01:23	9°♒18'32	
morning max el	-3381 Mar 30 j 04:51	16°♒31'45	25°02'06
	-3381 Apr 10 j 02:37	0°♓	
morning set	-3381 Apr 25 j 10:56	27°♓54'30	
	-3381 Apr 26 j 10:42	0°♈	
asc. node	-3381 Apr 28 j 00:12	3°♈20'29	
superior conj	-3381 May 02 j 12:12	13°♈06'29	0°45'29
minimum elong	-3381 May 02 j 10:19	12°♈56'19	0°45'09
max. Earth dist.	-3381 May 03 j 17:08	15°♈43'24	1.32996 AU
evening rise	-3381 May 09 j 18:28	28°♈30'51	
	-3381 May 10 j 11:59	0°♉	
	-3381 May 27 j 11:52	0°♊	
desc. node	-3381 Jun 09 j 00:52	16°♊05'26	
evening max el	-3381 Jun 10 j 21:58	17°♊58'08	27°19'30
retrograde	-3381 Jun 24 j 18:40	25°♊20'50	
evening set	-3381 Jul 01 j 21:10	22°♊55'06	
min. Earth dist.	-3381 Jul 05 j 11:19	20°♊01'26	0.62313 AU
inferior conj	-3381 Jul 08 j 11:02	17°♊12'00	-4°-7'-28
minimum elong	-3381 Jul 08 j 14:03	17°♊04'50	4°06'58
morning rise	-3381 Jul 15 j 09:26	12°♊07'27	
direct	-3381 Jul 17 j 21:59	11°♊38'56	
morning max el	-3381 Jul 24 j 15:41	15°♊03'51	17°56'28
asc. node	-3381 Jul 24 j 23:35	15°♊23'35	
	-3381 Aug 04 j 00:11	0°♋	
morning set	-3381 Aug 09 j 21:15	10°♋26'39	
	-3381 Aug 20 j 23:35	0°♌	
superior conj	-3381 Aug 21 j 00:56	0°♌05'49	1°26'13
minimum elong	-3381 Aug 21 j 06:01	0°♌27'28	1°25'51
max. Earth dist.	-3381 Aug 28 j 02:42	11°♌54'23	1.42894 AU
evening rise	-3381 Sep 04 j 20:53	24°♌17'48	
desc. node	-3381 Sep 05 j 00:10	24°♌30'35	
	-3381 Sep 08 j 13:12	0°♍	
	-3381 Sep 29 j 06:47	0°♎	
greatest brilliancy	-3381 Sep 30 j 17:32	1°♎51'03	-0.4m
evening max el	-3381 Oct 05 j 18:41	7°♎39'46	21°30'45
retrograde	-3381 Oct 14 j 14:41	12°♎54'23	
evening set	-3381 Oct 18 j 18:03	11°♎19'07	
asc. node	-3381 Oct 20 j 22:36	9°♎12'26	
inferior conj	-3381 Oct 24 j 03:35	5°♎03'29	1°05'09
minimum elong	-3381 Oct 24 j 02:07	5°♎08'31	1°04'32
min. Earth dist.	-3381 Oct 24 j 10:13	4°♎40'38	0.67295 AU
	-3381 Oct 28 j 03:12	30°℞♍	
morning rise	-3381 Oct 29 j 09:52	28°♍46'27	
direct	-3381 Nov 03 j 09:09	26°♍40'56	
	-3381 Nov 10 j 14:42	0°♎	
morning max el	-3381 Nov 13 j 16:46	2°♎50'29	23°20'20
greatest brilliancy	-3381 Nov 19 j 03:43	9°♎00'25	-0.2m
desc. node	-3381 Dec 01 j 23:48	26°♎29'19	
	-3381 Dec 04 j 08:48	0°♏	
morning set	-3381 Dec 18 j 12:53	22°♏25'20	
	-3381 Dec 22 j 23:24	0°♐	
max. Earth dist.	-3381 Dec 22 j 21:56	29°♏53'38	1.39414 AU
superior conj	-3381 Dec 30 j 12:24	13°♐33'45	-1°-54'-53
minimum elong	-3381 Dec 30 j 13:32	13°♐39'00	1°54'59
	-3380 Jan 08 j 03:34	0°♑	
evening rise	-3380 Jan 08 j 21:16	1°♑25'23	
asc. node	-3380 Jan 16 j 21:43	16°♑15'38	
evening max el	-3380 Jan 25 j 04:01	27°♑36'40	18°35'55
	-3380 Jan 28 j 05:24	0°♒	
retrograde	-3380 Feb 01 j 22:12	1°♒23'10	
evening set	-3380 Feb 04 j 09:02	1°♒01'54	
	-3380 Feb 06 j 21:27	30°℞♑	
inferior conj	-3380 Feb 11 j 22:37	26°♑33'48	3°36'14
minimum elong	-3380 Feb 12 j 02:06	26°♑27'02	3°35'35
min. Earth dist.	-3380 Feb 15 j 07:43	23°♑57'59	0.58351 AU
morning rise	-3380 Feb 19 j 15:30	21°♑15'23	
direct	-3380 Feb 25 j 14:53	19°♑45'40	
desc. node	-3380 Feb 27 j 23:03	19°♑59'19	
morning max el	-3380 Mar 10 j 21:24	27°♑17'02	26°26'05
	-3380 Mar 13 j 12:24	0°♒	
	-3380 Apr 02 j 10:56	0°♓	
morning set	-3380 Apr 08 j 22:12	12°♓53'38	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3380 Apr 13 j 21:14	23°♓31'56	
superior conj	-3380 Apr 15 j 23:42	28°♓07'57	0°21'53
minimum elong	-3380 Apr 15 j 22:45	28°♓02'43	0°21'41
max. Earth dist.	-3380 Apr 16 j 05:38	28°♓40'27	1.32606 AU
	-3380 Apr 16 j 20:11	0°♈	
evening rise	-3380 Apr 23 j 01:07	13°♈18'54	
	-3380 May 01 j 14:43	0°♉	
	-3380 May 22 j 23:14	0°♊	
evening max el	-3380 May 23 j 01:24	0°♊05'11	26°43'24
desc. node	-3380 May 25 j 21:57	2°♊36'01	
retrograde	-3380 Jun 06 j 02:08	7°♊24'12	
evening set	-3380 Jun 12 j 17:39	5°♊29'25	
min. Earth dist.	-3380 Jun 16 j 14:52	2°♊48'36	0.60325 AU
inferior conj	-3380 Jun 19 j 22:55	0°♊03'18	-4°-22'-47
minimum elong	-3380 Jun 19 j 23:35	0°♊01'55	4°22'42
	-3380 Jun 20 j 00:30	30°℞♉	
morning rise	-3380 Jun 27 j 08:45	25°♉20'28	
direct	-3380 Jun 29 j 20:22	24°♉56'55	
morning max el	-3380 Jul 07 j 03:30	28°♉30'04	18°11'04
	-3380 Jul 08 j 14:01	0°♊	
asc. node	-3380 Jul 10 j 20:40	2°♊49'49	
morning set	-3380 Jul 23 j 02:19	23°♊44'44	
	-3380 Jul 26 j 10:20	0°♋	
superior conj	-3380 Aug 01 j 20:38	11°♋49'08	1°43'38
minimum elong	-3380 Aug 01 j 23:15	12°♋00'56	1°43'37
max. Earth dist.	-3380 Aug 09 j 10:07	25°♋01'17	1.41172 AU
	-3380 Aug 12 j 09:33	0°♌	
evening rise	-3380 Aug 14 j 17:21	3°♌48'29	
desc. node	-3380 Aug 21 j 21:11	15°♌07'36	
	-3380 Aug 31 j 21:17	0°♍	
greatest brilliancy	-3380 Sep 12 j 12:42	15°♍35'21	-0.3m
evening max el	-3380 Sep 17 j 10:57	21°♍06'20	22°48'55
retrograde	-3380 Sep 27 j 08:59	26°♍59'11	
evening set	-3380 Oct 02 j 01:43	25°♍04'43	
asc. node	-3380 Oct 06 j 19:42	19°♍34'45	
inferior conj	-3380 Oct 07 j 10:16	18°♍44'37	0°12'30
minimum elong	-3380 Oct 07 j 09:58	18°♍45'38	0°12'23
transit middle	-3380 Oct 07 j 09:58	18°♍45'38	0°12'23
transit begin	-3380 Oct 07 j 08:12	18°♍51'42	
transit end	-3380 Oct 07 j 11:44	18°♍39'33	
min. Earth dist.	-3380 Oct 07 j 06:33	18°♍57'25	0.67464 AU
morning rise	-3380 Oct 12 j 18:09	12°♍29'55	
direct	-3380 Oct 17 j 02:48	10°♍46'22	
morning max el	-3380 Oct 26 j 05:53	16°♍10'55	21°55'18
greatest brilliancy	-3380 Oct 31 j 02:19	21°♍42'11	-0.4m
	-3380 Nov 06 j 09:14	0°♎	
desc. node	-3380 Nov 17 j 20:49	16°♎41'49	
	-3380 Nov 26 j 10:58	0°♏	
morning set	-3380 Nov 27 j 12:32	1°♏41'49	
max. Earth dist.	-3380 Dec 03 j 21:33	12°♏05'50	1.41450 AU
superior conj	-3380 Dec 11 j 13:21	25°♏12'25	-1°-53'-48
minimum elong	-3380 Dec 11 j 11:14	25°♏03'08	1°53'50
	-3380 Dec 14 j 06:09	0°♐	
evening rise	-3380 Dec 22 j 03:53	14°♐26'55	
	-3380 Dec 30 j 20:10	0°♑	
asc. node	-3379 Jan 02 j 18:47	4°♑37'18	
evening max el	-3379 Jan 07 j 12:02	10°♑29'09	18°12'29
retrograde	-3379 Jan 14 j 10:59	13°♑59'43	
evening set	-3379 Jan 17 j 00:47	13°♑31'38	
inferior conj	-3379 Jan 23 j 23:49	8°♑41'20	3°59'41
minimum elong	-3379 Jan 24 j 00:35	8°♑39'37	3°59'32
min. Earth dist.	-3379 Jan 27 j 06:07	5°♑46'38	0.60363 AU
morning rise	-3379 Jan 30 j 21:33	3°♑02'55	
direct	-3379 Feb 06 j 15:34	0°♑55'33	
desc. node	-3379 Feb 13 j 20:08	3°♑05'56	
morning max el	-3379 Feb 20 j 19:44	8°♑35'58	27°22'25
	-3379 Mar 09 j 04:39	0°♒	
morning set	-3379 Mar 24 j 06:40	27°♒42'49	
	-3379 Mar 25 j 09:01	0°♓	
superior conj	-3379 Mar 31 j 11:19	13°♓07'24	0°-3'-2
minimum elong	-3379 Mar 31 j 11:27	13°♓08'11	0°03'03
behind sun begin	-3379 Mar 31 j 06:30	12°♓41'07	
behind sun end	-3379 Mar 31 j 16:24	13°♓35'14	
max. Earth dist.	-3379 Mar 30 j 18:58	11°♓38'08	1.32556 AU
asc. node	-3379 Mar 31 j 18:16	13°♓45'25	
evening rise	-3379 Apr 07 j 11:12	28°♓15'03	
	-3379 Apr 08 j 07:16	0°♈	
	-3379 Apr 25 j 07:32	0°♉	
evening max el	-3379 May 04 j 22:19	11°♉28'58	25°37'05
desc. node	-3379 May 12 j 19:02	17°♉11'33	
retrograde	-3379 May 19 j 00:03	18°♉41'41	
evening set	-3379 May 24 j 16:27	17°♉25'01	
min. Earth dist.	-3379 May 29 j 10:35	14°♉40'03	0.58302 AU
inferior conj	-3379 Jun 01 j 16:56	12°♉20'12	-4°-12'-15
minimum elong	-3379 Jun 01 j 13:59	12°♉25'30	4°11'53
morning rise	-3379 Jun 09 j 15:27	7°♉59'29	
direct	-3379 Jun 12 j 03:05	7°♉39'51	
morning max el	-3379 Jun 20 j 09:32	11°♉33'35	18°45'45
asc. node	-3379 Jun 27 j 17:44	21°♉06'05	
	-3379 Jul 02 j 19:20	0°♊	
morning set	-3379 Jul 06 j 19:06	7°♊38'46	
superior conj	-3379 Jul 15 j 13:25	24°♊36'43	1°48'58
minimum elong	-3379 Jul 15 j 13:32	24°♊37'19	1°49'05
	-3379 Jul 18 j 10:36	0°♋	
max. Earth dist.	-3379 Jul 22 j 13:04	7°♋25'27	1.39226 AU
evening rise	-3379 Jul 26 j 14:59	14°♋31'16	
	-3379 Aug 05 j 02:55	0°♌	
desc. node	-3379 Aug 08 j 18:12	5°♌34'15	
	-3379 Aug 26 j 17:54	0°♍	
evening max el	-3379 Aug 30 j 23:11	4°♍34'29	24°09'31
retrograde	-3379 Sep 10 j 23:52	11°♍03'28	
evening set	-3379 Sep 16 j 07:23	8°♍49'24	
min. Earth dist.	-3379 Sep 21 j 02:22	3°♍15'55	0.67325 AU
inferior conj	-3379 Sep 21 j 16:28	2°♍28'17	0°-41'-18
minimum elong	-3379 Sep 21 j 17:26	2°♍24'59	0°40'51
asc. node	-3379 Sep 23 j 16:49	29°♌49'21	
	-3379 Sep 23 j 13:25	30°℞♌	
morning rise	-3379 Sep 27 j 03:43	26°♌18'58	
direct	-3379 Sep 30 j 23:18	24°♌55'56	
morning max el	-3379 Oct 09 j 01:40	29°♌39'56	20°38'20
	-3379 Oct 09 j 09:27	0°♍	
greatest brilliancy	-3379 Oct 15 j 05:42	7°♍01'10	-0.5m
	-3379 Oct 31 j 01:53	0°♎	
desc. node	-3379 Nov 04 j 17:49	7°♎08'40	
morning set	-3379 Nov 06 j 14:11	10°♎00'25	
max. Earth dist.	-3379 Nov 16 j 04:40	25°♎12'19	1.43167 AU
	-3379 Nov 19 j 03:23	0°♏	
superior conj	-3379 Nov 22 j 13:08	5°♏38'04	-1°-38'-3
minimum elong	-3379 Nov 22 j 07:12	5°♏13'20	1°37'41
evening rise	-3379 Dec 04 j 19:18	26°♏44'04	
	-3379 Dec 06 j 15:46	0°♐	
asc. node	-3379 Dec 20 j 15:50	22°♐12'34	
evening max el	-3379 Dec 21 j 23:45	23°♐38'59	18°08'44
retrograde	-3379 Dec 28 j 13:50	27°♐07'02	
evening set	-3379 Dec 31 j 06:40	26°♐31'18	
inferior conj	-3378 Jan 06 j 18:02	21°♐19'33	3°57'07
minimum elong	-3378 Jan 06 j 16:33	21°♐23'22	3°56'53
min. Earth dist.	-3378 Jan 09 j 12:58	18°♐28'58	0.62320 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-3378 Jan 13 j 00:23	15°♐26'59	
direct	-3378 Jan 20 j 01:29	12°♐51'15	
desc. node	-3378 Jan 31 j 17:11	18°♐28'37	
morning max el	-3378 Feb 03 j 00:20	20°♐36'35	27°43'25
	-3378 Feb 11 j 04:06	0°♑	
	-3378 Mar 02 j 02:58	0°♒	
morning set	-3378 Mar 08 j 10:17	12°♒14'51	
max. Earth dist.	-3378 Mar 14 j 05:08	24°♒21'55	1.32862 AU
superior conj	-3378 Mar 15 j 21:24	27°♒59'14	0°-28'-23
minimum elong	-3378 Mar 15 j 22:41	28°♒06'12	0°28'11
	-3378 Mar 16 j 19:40	0°♓	
asc. node	-3378 Mar 18 j 15:15	3°♓56'41	
evening rise	-3378 Mar 22 j 22:49	13°♓12'21	
	-3378 Mar 31 j 12:14	0°♈	
evening max el	-3378 Apr 16 j 14:23	22°♈19'20	24°09'49
desc. node	-3378 Apr 29 j 16:06	29°♈15'22	
retrograde	-3378 Apr 30 j 10:35	29°♈16'43	
evening set	-3378 May 04 j 19:01	28°♈34'27	
min. Earth dist.	-3378 May 11 j 01:58	25°♈30'20	0.56550 AU
inferior conj	-3378 May 13 j 14:47	23°♈55'21	-3°-25'-15
minimum elong	-3378 May 13 j 08:53	24°♈04'37	3°23'55
morning rise	-3378 May 22 j 02:46	19°♈52'34	
direct	-3378 May 24 j 14:44	19°♈35'59	
morning max el	-3378 Jun 03 j 07:03	24°♈05'14	19°40'59
	-3378 Jun 08 j 09:22	0°♉	
asc. node	-3378 Jun 14 j 14:47	10°♉00'39	
morning set	-3378 Jun 20 j 20:12	21°♉59'56	
	-3378 Jun 24 j 19:17	0°♊	
superior conj	-3378 Jun 28 j 21:43	8°♊12'49	1°44'58
minimum elong	-3378 Jun 28 j 20:07	8°♊04'53	1°45'00
max. Earth dist.	-3378 Jul 04 j 15:37	19°♊17'19	1.37313 AU
evening rise	-3378 Jul 08 j 13:35	26°♊27'57	
	-3378 Jul 10 j 13:25	0°♋	
desc. node	-3378 Jul 26 j 15:12	25°♋45'16	
	-3378 Jul 29 j 14:32	0°♌	
evening max el	-3378 Aug 13 j 09:50	18°♌05'17	25°25'19
retrograde	-3378 Aug 25 j 10:36	25°♌02'48	
evening set	-3378 Aug 31 j 09:09	22°♌31'23	
min. Earth dist.	-3378 Sep 04 j 19:19	17°♌34'15	0.66870 AU
inferior conj	-3378 Sep 05 j 20:26	16°♌12'43	-1°-34'-38
minimum elong	-3378 Sep 05 j 22:39	16°♌05'29	1°33'40
asc. node	-3378 Sep 10 j 13:55	10°♌53'41	
morning rise	-3378 Sep 11 j 12:44	10°♌11'45	
direct	-3378 Sep 14 j 21:20	9°♌06'24	
morning max el	-3378 Sep 22 j 04:45	13°♌17'45	19°33'49
greatest brilliancy	-3378 Oct 01 j 00:29	24°♌36'45	-0.7m
	-3378 Oct 04 j 15:54	0°♍	
morning set	-3378 Oct 16 j 14:32	18°♍22'19	
desc. node	-3378 Oct 22 j 14:46	27°♍44'47	
	-3378 Oct 24 j 01:18	0°♎	
max. Earth dist.	-3378 Oct 29 j 17:54	8°♎58'15	1.44347 AU
superior conj	-3378 Nov 02 j 09:29	14°♎47'07	-1°-5'-16
minimum elong	-3378 Nov 02 j 02:30	14°♎19'10	1°04'31
	-3378 Nov 11 j 17:59	0°♏	
evening rise	-3378 Nov 16 j 14:49	8°♏06'20	
	-3378 Nov 30 j 01:04	0°♐	
evening max el	-3378 Dec 05 j 12:19	6°♐58'26	18°23'54
asc. node	-3378 Dec 07 j 12:54	8°♐47'06	
retrograde	-3378 Dec 12 j 02:06	10°♐34'52	
evening set	-3378 Dec 14 j 23:02	9°♐50'07	
inferior conj	-3378 Dec 21 j 01:18	4°♐19'04	3°36'26
minimum elong	-3378 Dec 20 j 22:32	4°♐26'55	3°35'50
min. Earth dist.	-3378 Dec 23 j 05:42	1°♐50'05	0.64030 AU
	-3378 Dec 24 j 23:13	30°℞♏	

morning rise	-3378 Dec 26 j 20:36	28°♏16'26	
direct	-3377 Jan 02 j 19:05	25°♏26'54	
	-3377 Jan 12 j 20:20	0°♐	
morning max el	-3377 Jan 16 j 08:46	3°♐11'18	27°28'27
desc. node	-3377 Jan 18 j 14:14	5°♐30'13	
	-3377 Feb 05 j 12:50	0°♑	
morning set	-3377 Feb 20 j 06:21	26°♑19'42	
	-3377 Feb 22 j 02:31	0°♒	
max. Earth dist.	-3377 Feb 25 j 07:59	6°♒37'21	1.33559 AU
superior conj	-3377 Feb 28 j 04:06	12°♒36'19	0°-53'-15
minimum elong	-3377 Feb 28 j 06:26	12°♒48'44	0°52'55
asc. node	-3377 Mar 05 j 12:14	24°♒01'09	
evening rise	-3377 Mar 07 j 10:06	28°♒03'31	
	-3377 Mar 08 j 08:27	0°♓	
	-3377 Mar 26 j 10:16	0°♈	
evening max el	-3377 Mar 29 j 07:10	3°♈01'00	22°35'27
retrograde	-3377 Apr 11 j 08:40	9°♈24'52	
evening set	-3377 Apr 14 j 11:11	9°♈03'43	
desc. node	-3377 Apr 16 j 13:10	8°♈27'28	
min. Earth dist.	-3377 Apr 22 j 16:07	5°♈28'35	0.55415 AU
inferior conj	-3377 Apr 23 j 18:38	4°♈50'39	-1°-57'-20
minimum elong	-3377 Apr 23 j 13:37	4°♈57'50	1°55'45
morning rise	-3377 May 02 j 18:21	0°♈54'10	
direct	-3377 May 05 j 09:23	0°♈38'11	
morning max el	-3377 May 16 j 18:02	5°♈56'51	20°56'00
asc. node	-3377 Jun 01 j 11:48	29°♈23'49	
	-3377 Jun 01 j 19:12	0°♉	
morning set	-3377 Jun 05 j 02:58	6°♉40'55	
superior conj	-3377 Jun 12 j 17:00	22°♉23'58	1°34'01
minimum elong	-3377 Jun 12 j 14:31	22°♉11'14	1°33'52
	-3377 Jun 16 j 11:14	0°♊	
max. Earth dist.	-3377 Jun 17 j 00:19	1°♊04'47	1.35643 AU
evening rise	-3377 Jun 21 j 08:22	9°♊26'17	
	-3377 Jul 03 j 03:22	0°♋	
desc. node	-3377 Jul 13 j 12:12	15°♋33'37	
	-3377 Jul 25 j 06:23	0°♌	
evening max el	-3377 Jul 26 j 20:58	1°♌37'02	26°28'19
retrograde	-3377 Aug 08 j 16:34	8°♌51'51	
evening set	-3377 Aug 15 j 04:58	6°♌08'29	
min. Earth dist.	-3377 Aug 19 j 07:04	1°♌49'38	0.66072 AU
inferior conj	-3377 Aug 20 j 20:20	29°♋55'51	-2°-25'-37
minimum elong	-3377 Aug 20 j 23:36	29°♋45'50	2°24'23
	-3377 Aug 20 j 18:59	30°℞♋	
morning rise	-3377 Aug 26 j 19:12	24°♋06'24	
asc. node	-3377 Aug 28 j 11:01	23°♋25'26	
direct	-3377 Aug 29 j 19:15	23°♋15'11	
morning max el	-3377 Sep 05 j 14:04	27°♋02'32	18°44'27
	-3377 Sep 08 j 04:29	0°♌	
morning set	-3377 Sep 26 j 11:08	27°♌47'15	
	-3377 Sep 27 j 20:23	0°♍	
desc. node	-3377 Oct 09 j 11:44	18°♍27'04	
superior conj	-3377 Oct 12 j 11:04	23°♍08'02	0°-18'-52
minimum elong	-3377 Oct 12 j 08:35	22°♍58'14	0°18'32
max. Earth dist.	-3377 Oct 12 j 11:04	23°♍08'01	1.44852 AU
	-3377 Oct 16 j 19:38	0°♎	
evening rise	-3377 Oct 28 j 10:25	18°♎26'52	
	-3377 Nov 04 j 15:38	0°♏	
evening max el	-3377 Nov 18 j 23:17	20°♏23'27	18°56'50
asc. node	-3377 Nov 24 j 09:58	24°♏06'08	
retrograde	-3377 Nov 25 j 20:04	24°♏17'25	
evening set	-3377 Nov 28 j 22:50	23°♏21'38	
inferior conj	-3377 Dec 04 j 18:09	17°♏33'58	3°03'21
minimum elong	-3377 Dec 04 j 15:02	17°♏43'36	3°02'26
min. Earth dist.	-3377 Dec 06 j 07:58	15°♏37'01	0.65401 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-3377 Dec 10 j 06:13	11°♏24'11	
direct	-3377 Dec 16 j 19:14	8°♏35'31	
morning max el	-3377 Dec 29 j 18:20	16°♏08'51	26°42'18
desc. node	-3376 Jan 05 j 11:17	23°♏42'16	
	-3376 Jan 10 j 07:07	0°♐	
	-3376 Jan 29 j 07:59	0°♑	
morning set	-3376 Feb 03 j 15:22	9°♑46'22	
max. Earth dist.	-3376 Feb 08 j 00:06	18°♑16'55	1.34695 AU
superior conj	-3376 Feb 12 j 05:19	26°♑52'01	-1°-16'-24
minimum elong	-3376 Feb 12 j 08:23	27°♑07'57	1°16'04
	-3376 Feb 13 j 17:28	0°♒	
evening rise	-3376 Feb 19 j 19:19	12°♒42'39	
asc. node	-3376 Feb 20 j 09:14	13°♒54'24	
	-3376 Feb 28 j 19:54	0°♓	
evening max el	-3376 Mar 10 j 07:00	14°♓01'15	21°07'06
retrograde	-3376 Mar 21 j 22:18	19°♓35'31	
evening set	-3376 Mar 24 j 08:23	19°♓21'56	
desc. node	-3376 Apr 02 j 10:16	15°♓28'43	
inferior conj	-3376 Apr 02 j 13:50	15°♓23'40	0°-2'-28
minimum elong	-3376 Apr 02 j 13:43	15°♓23'50	0°02'29
transit middle	-3376 Apr 02 j 13:43	15°♓23'50	0°02'29
transit begin	-3376 Apr 02 j 09:40	15°♓29'34	
transit end	-3376 Apr 02 j 17:46	15°♓18'06	
min. Earth dist.	-3376 Apr 03 j 06:08	15°♓00'34	0.55161 AU
morning rise	-3376 Apr 11 j 18:19	11°♓16'28	
direct	-3376 Apr 14 j 21:20	10°♓55'09	
morning max el	-3376 Apr 27 j 18:15	17°♓06'51	22°27'13
	-3376 May 07 j 22:55	0°♈	
asc. node	-3376 May 18 j 08:47	19°♈07'54	
morning set	-3376 May 19 j 13:15	21°♈35'03	
	-3376 May 23 j 12:54	0°♉	
superior conj	-3376 May 26 j 19:50	6°♉59'14	1°17'58
minimum elong	-3376 May 26 j 17:11	6°♉45'16	1°17'39
max. Earth dist.	-3376 May 29 j 18:59	13°♉11'18	1.34327 AU
evening rise	-3376 Jun 03 j 18:05	23°♉10'46	
	-3376 Jun 07 j 07:53	0°♊	
	-3376 Jun 25 j 18:54	0°♋	
desc. node	-3376 Jun 29 j 09:15	4°♋49'00	
evening max el	-3376 Jul 08 j 08:33	15°♋00'42	27°10'36
retrograde	-3376 Jul 21 j 17:05	22°♋22'32	
evening set	-3376 Jul 28 j 16:11	19°♋36'08	
min. Earth dist.	-3376 Aug 01 j 11:15	15°♋55'10	0.64904 AU
inferior conj	-3376 Aug 03 j 13:55	13°♋32'53	-3°-12'-1
minimum elong	-3376 Aug 03 j 17:48	13°♋21'56	3°10'49
morning rise	-3376 Aug 09 j 20:50	7°♋58'20	
direct	-3376 Aug 12 j 14:46	7°♋17'56	
asc. node	-3376 Aug 14 j 08:06	7°♋33'47	
morning max el	-3376 Aug 19 j 03:30	10°♋49'35	18°11'46
	-3376 Sep 01 j 08:19	0°♌	
morning set	-3376 Sep 06 j 11:25	8°♌32'55	
	-3376 Sep 19 j 13:51	0°♍	
superior conj	-3376 Sep 20 j 14:44	1°♍39'35	0°30'04
minimum elong	-3376 Sep 20 j 18:19	1°♍53'52	0°29'39
max. Earth dist.	-3376 Sep 24 j 05:16	7°♍23'34	1.44626 AU
desc. node	-3376 Sep 25 j 08:43	9°♍11'59	
evening rise	-3376 Oct 07 j 06:09	27°♍47'30	
	-3376 Oct 08 j 16:18	0°♎	
greatest brilliancy	-3376 Oct 24 j 08:52	23°♎47'58	-0.6m
	-3376 Oct 28 j 22:40	0°♏	
evening max el	-3376 Nov 01 j 06:21	3°♏50'15	19°46'00
retrograde	-3376 Nov 08 j 16:49	8°♏10'06	
asc. node	-3376 Nov 10 j 07:04	7°♏55'24	
evening set	-3376 Nov 12 j 03:28	7°♏00'50	
inferior conj	-3376 Nov 17 j 17:40	0°♏59'30	2°21'44
minimum elong	-3376 Nov 17 j 14:52	1°♏08'43	2°20'43
	-3376 Nov 18 j 11:46	30°℞♎	
min. Earth dist.	-3376 Nov 18 j 18:11	29°♎39'02	0.66407 AU
morning rise	-3376 Nov 23 j 01:35	24°♎45'01	
direct	-3376 Nov 29 j 00:59	22°♎08'33	
morning max el	-3376 Dec 11 j 03:19	29°♎18'05	25°33'04
	-3376 Dec 11 j 19:46	0°♏	
desc. node	-3376 Dec 22 j 08:19	12°♏43'56	
	-3375 Jan 03 j 03:32	0°♐	
morning set	-3375 Jan 16 j 08:41	22°♐20'59	
max. Earth dist.	-3375 Jan 20 j 04:44	29°♐28'07	1.36276 AU
	-3375 Jan 20 j 11:27	0°♑	
superior conj	-3375 Jan 25 j 22:20	10°♑38'13	-1°-36'-12
minimum elong	-3375 Jan 26 j 01:33	10°♑54'13	1°36'00
evening rise	-3375 Feb 03 j 00:30	27°♑03'40	
	-3375 Feb 04 j 11:31	0°♒	
asc. node	-3375 Feb 06 j 06:15	3°♒31'24	
evening max el	-3375 Feb 20 j 17:05	25°♒35'01	19°53'25
	-3375 Feb 28 j 02:01	0°♓	
retrograde	-3375 Mar 02 j 15:36	0°♓18'25	
evening set	-3375 Mar 04 j 22:21	0°♓04'36	
	-3375 Mar 05 j 07:00	30°℞♒	
inferior conj	-3375 Mar 13 j 14:30	26°♒03'13	1°47'51
minimum elong	-3375 Mar 13 j 18:43	25°♒56'44	1°46'29
min. Earth dist.	-3375 Mar 15 j 20:20	24°♒40'34	0.55835 AU
desc. node	-3375 Mar 20 j 07:23	22°♒18'25	
morning rise	-3375 Mar 22 j 12:01	21°♒30'12	
direct	-3375 Mar 26 j 14:35	20°♒52'52	
morning max el	-3375 Apr 09 j 10:58	27°♒47'36	24°06'31
	-3375 Apr 11 j 15:07	0°♓	
	-3375 Apr 30 j 19:57	0°♈	
morning set	-3375 May 04 j 01:19	6°♈36'42	
asc. node	-3375 May 05 j 05:48	9°♈07'04	
superior conj	-3375 May 11 j 03:40	21°♈50'47	0°58'10
minimum elong	-3375 May 11 j 01:24	21°♈38'32	0°57'49
max. Earth dist.	-3375 May 12 j 23:04	25°♈43'49	1.33382 AU
	-3375 May 14 j 23:24	0°♉	
evening rise	-3375 May 18 j 14:29	7°♉28'36	
	-3375 May 30 j 19:59	0°♊	
desc. node	-3375 Jun 16 j 06:19	23°♊17'27	
evening max el	-3375 Jun 20 j 18:49	28°♊03'57	27°25'15
	-3375 Jun 22 j 22:04	0°♋	
retrograde	-3375 Jul 04 j 11:37	5°♋26'41	
evening set	-3375 Jul 11 j 15:34	2°♋49'15	
	-3375 Jul 14 j 22:24	30°℞♊	
min. Earth dist.	-3375 Jul 15 j 06:02	29°♊41'26	0.63366 AU
inferior conj	-3375 Jul 17 j 22:33	26°♊58'17	-3°-50'-35
minimum elong	-3375 Jul 18 j 02:14	26°♊48'55	3°49'47
morning rise	-3375 Jul 24 j 14:56	21°♊42'00	
direct	-3375 Jul 27 j 04:58	21°♊09'41	
asc. node	-3375 Aug 01 j 05:10	23°♊10'56	
morning max el	-3375 Aug 02 j 18:31	24°♊34'05	17°56'44
	-3375 Aug 07 j 04:45	0°♋	
morning set	-3375 Aug 19 j 12:30	20°♋29'28	
	-3375 Aug 24 j 23:54	0°♌	
superior conj	-3375 Aug 31 j 16:03	11°♌16'42	1°09'46
minimum elong	-3375 Aug 31 j 21:45	11°♌40'19	1°09'14
max. Earth dist.	-3375 Sep 06 j 21:13	21°♌25'56	1.43702 AU
desc. node	-3375 Sep 12 j 05:42	29°♌56'30	
	-3375 Sep 12 j 06:36	0°♍	
evening rise	-3375 Sep 16 j 11:29	6°♍33'14	
	-3375 Oct 02 j 01:27	0°♎	
greatest brilliancy	-3375 Oct 09 j 13:16	10°♎25'38	-0.5m
evening max el	-3375 Oct 15 j 07:50	17°♎16'48	20°49'11

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3375 Oct 23 j 14:03	22°♎09'53	
evening set	-3375 Oct 27 j 10:46	20°♎44'36	
asc. node	-3375 Oct 28 j 04:10	20°♎09'25	
inferior conj	-3375 Nov 01 j 21:32	14°♎33'00	1°34'17
minimum elong	-3375 Nov 01 j 19:29	14°♎39'58	1°33'27
min. Earth dist.	-3375 Nov 02 j 10:16	13°♎49'35	0.67065 AU
morning rise	-3375 Nov 07 j 03:48	8°♎16'10	
direct	-3375 Nov 12 j 11:49	5°♎58'41	
morning max el	-3375 Nov 23 j 12:02	12°♎32'29	24°10'16
	-3375 Dec 07 j 13:34	0°♏	
desc. node	-3375 Dec 09 j 05:21	2°♏20'46	
	-3375 Dec 26 j 23:11	0°♐	
morning set	-3375 Dec 29 j 04:23	3°♐47'14	
max. Earth dist.	-3374 Jan 02 j 01:44	10°♐37'49	1.38215 AU
superior conj	-3374 Jan 09 j 03:35	23°♐44'27	-1°-50'-24
minimum elong	-3374 Jan 09 j 05:53	23°♐55'26	1°50'24
	-3374 Jan 12 j 09:19	0°♑	
evening rise	-3374 Jan 17 j 23:18	10°♑59'25	
asc. node	-3374 Jan 24 j 03:19	22°♑45'27	
	-3374 Jan 28 j 10:33	0°♒	
evening max el	-3374 Feb 03 j 13:20	7°♒43'36	18°58'25
retrograde	-3374 Feb 11 j 23:55	11°♒46'55	
evening set	-3374 Feb 14 j 08:48	11°♒29'03	
inferior conj	-3374 Feb 22 j 07:49	7°♒12'18	3°07'33
minimum elong	-3374 Feb 22 j 12:27	7°♒04'03	3°06'26
min. Earth dist.	-3374 Feb 25 j 11:51	4°♒58'14	0.57279 AU
morning rise	-3374 Mar 02 j 12:16	2°♒08'40	
desc. node	-3374 Mar 07 j 04:29	1°♒02'17	
direct	-3374 Mar 07 j 20:02	1°♒01'16	
morning max el	-3374 Mar 22 j 02:04	8°♒23'30	25°40'36
	-3374 Apr 07 j 04:47	0°♓	
morning set	-3374 Apr 18 j 13:21	21°♓38'31	
asc. node	-3374 Apr 22 j 02:49	29°♓15'13	
	-3374 Apr 22 j 11:05	0°♈	
superior conj	-3374 Apr 25 j 14:20	6°♈50'16	0°35'42
minimum elong	-3374 Apr 25 j 12:49	6°♈42'00	0°35'25
max. Earth dist.	-3374 Apr 26 j 09:30	8°♈34'45	1.32787 AU
evening rise	-3374 May 02 j 18:07	22°♈07'48	
	-3374 May 06 j 16:16	0°♉	
	-3374 May 24 j 21:49	0°♊	
evening max el	-3374 Jun 03 j 01:09	10°♊33'16	27°08'01
desc. node	-3374 Jun 03 j 03:23	10°♊38'34	
retrograde	-3374 Jun 16 j 23:34	17°♊54'41	
evening set	-3374 Jun 23 j 23:05	15°♊40'18	
min. Earth dist.	-3374 Jun 27 j 14:43	12°♊54'29	0.61496 AU
inferior conj	-3374 Jun 30 j 19:00	10°♊04'10	-4°-16'-29
minimum elong	-3374 Jun 30 j 21:13	9°♊59'11	4°16'11
morning rise	-3374 Jul 07 j 22:09	5°♊08'57	
direct	-3374 Jul 10 j 10:11	4°♊42'42	
morning max el	-3374 Jul 17 j 08:23	8°♊09'24	18°00'17
asc. node	-3374 Jul 19 j 02:15	10°♊01'45	
	-3374 Jul 31 j 12:47	0°♋	
morning set	-3374 Aug 02 j 08:50	3°♋21'26	
superior conj	-3374 Aug 12 j 21:05	22°♋16'29	1°35'15
minimum elong	-3374 Aug 13 j 01:13	22°♋34'32	1°35'03
	-3374 Aug 17 j 09:01	0°♌	
max. Earth dist.	-3374 Aug 20 j 07:50	4°♌56'02	1.42206 AU
evening rise	-3374 Aug 26 j 21:10	15°♌32'55	
desc. node	-3374 Aug 30 j 02:42	20°♌37'19	
	-3374 Sep 05 j 05:58	0°♍	
greatest brilliancy	-3374 Sep 23 j 08:35	25°♍18'18	-0.4m
	-3374 Sep 27 j 10:37	0°♎	
evening max el	-3374 Sep 28 j 03:07	0°♎42'44	22°03'14
retrograde	-3374 Oct 07 j 09:59	6°♎14'01	
evening set	-3374 Oct 11 j 18:49	4°♎30'37	
asc. node	-3374 Oct 15 j 01:17	1°♎02'14	
	-3374 Oct 15 j 20:15	30°♑℞♍	
inferior conj	-3374 Oct 17 j 03:43	28°♍12'21	0°43'03
minimum elong	-3374 Oct 17 j 02:43	28°♍15'46	0°42'38
min. Earth dist.	-3374 Oct 17 j 05:50	28°♍05'02	0.67401 AU
morning rise	-3374 Oct 22 j 10:27	21°♍55'55	
direct	-3374 Oct 27 j 03:14	20°♍00'02	
morning max el	-3374 Nov 05 j 22:44	25°♍50'47	22°43'34
	-3374 Nov 09 j 17:00	0°♎	
greatest brilliancy	-3374 Nov 10 j 16:18	1°♎09'49	-0.3m
desc. node	-3374 Nov 26 j 02:22	22°♎22'44	
	-3374 Dec 01 j 03:14	0°♏	
morning set	-3374 Dec 09 j 20:45	13°♏52'10	
max. Earth dist.	-3374 Dec 14 j 22:12	22°♏19'47	1.40296 AU
	-3374 Dec 19 j 08:14	0°♐	
superior conj	-3374 Dec 22 j 16:27	5°♐59'11	-1°-55'-58
minimum elong	-3374 Dec 22 j 16:23	5°♐58'53	1°56'06
evening rise	-3373 Jan 01 j 12:51	24°♐23'20	
	-3373 Jan 04 j 12:16	0°♑	
asc. node	-3373 Jan 11 j 00:22	11°♑29'09	
evening max el	-3373 Jan 17 j 17:52	20°♑22'36	18°23'29
retrograde	-3373 Jan 25 j 02:44	24°♑00'48	
evening set	-3373 Jan 27 j 14:41	23°♑36'55	
inferior conj	-3373 Feb 03 j 21:45	18°♑59'34	3°49'55
minimum elong	-3373 Feb 04 j 00:06	18°♑54'42	3°49'34
min. Earth dist.	-3373 Feb 07 j 07:09	16°♑12'29	0.59190 AU
morning rise	-3373 Feb 11 j 06:05	13°♑31'22	
direct	-3373 Feb 17 j 14:38	11°♑45'00	
desc. node	-3373 Feb 22 j 01:35	12°♑35'04	
morning max el	-3373 Mar 03 j 21:00	19°♑21'52	26°54'06
	-3373 Mar 12 j 22:05	0°♒	
	-3373 Mar 30 j 18:18	0°♓	
morning set	-3373 Apr 02 j 23:38	6°♓34'05	
asc. node	-3373 Apr 08 j 23:50	19°♓27'51	
superior conj	-3373 Apr 10 j 02:04	21°♓51'26	0°11'27
minimum elong	-3373 Apr 10 j 01:34	21°♓48'39	0°11'19
behind sun begin	-3373 Apr 09 j 22:03	21°♓29'27	
behind sun end	-3373 Apr 10 j 05:04	22°♓07'51	
max. Earth dist.	-3373 Apr 09 j 22:38	21°♓32'34	1.32536 AU
	-3373 Apr 13 j 19:39	0°♈	
evening rise	-3373 Apr 17 j 02:26	6°♈59'39	
	-3373 Apr 29 j 06:25	0°♉	
evening max el	-3373 May 16 j 01:35	22°♉20'44	26°18'27
desc. node	-3373 May 21 j 00:27	26°♉24'25	
retrograde	-3373 May 30 j 03:34	29°♉38'37	
evening set	-3373 Jun 05 j 10:36	27°♉59'32	
min. Earth dist.	-3373 Jun 09 j 14:36	25°♉18'59	0.59449 AU
inferior conj	-3373 Jun 12 j 23:37	22°♉41'33	-4°-22'-10
minimum elong	-3373 Jun 12 j 22:51	22°♉43'04	4°22'04
morning rise	-3373 Jun 20 j 14:45	18°♉08'33	
direct	-3373 Jun 23 j 02:08	17°♉46'55	
morning max el	-3373 Jun 30 j 18:08	21°♉27'18	18°23'20
asc. node	-3373 Jul 05 j 23:19	27°♉50'50	
	-3373 Jul 07 j 09:09	0°♊	
morning set	-3373 Jul 16 j 19:20	16°♊55'44	
	-3373 Jul 23 j 16:25	0°♋	
superior conj	-3373 Jul 26 j 02:27	4°♋29'15	1°47'12
minimum elong	-3373 Jul 26 j 03:56	4°♋36'07	1°47'17
max. Earth dist.	-3373 Aug 02 j 12:25	17°♋42'14	1.40353 AU
evening rise	-3373 Aug 07 j 03:45	25°♋32'30	
	-3373 Aug 09 j 21:07	0°♌	
desc. node	-3373 Aug 16 j 23:41	11°♌10'24	
	-3373 Aug 30 j 00:19	0°♍	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3373 Sep 10 j 17:14	14°♍09'22	23°23'19
retrograde	-3373 Sep 21 j 03:02	20°♍18'54	
evening set	-3373 Sep 26 j 01:49	18°♍16'10	
inferior conj	-3373 Oct 01 j 10:23	11°♍55'02	0°-10'-18
minimum elong	-3373 Oct 01 j 10:37	11°♍54'12	0°10'10
transit middle	-3373 Oct 01 j 10:37	11°♍54'12	0°10'10
transit begin	-3373 Oct 01 j 08:30	12°♍01'29	
transit end	-3373 Oct 01 j 12:45	11°♍46'56	
min. Earth dist.	-3373 Oct 01 j 02:20	12°♍22'40	0.67439 AU
asc. node	-3373 Oct 01 j 22:24	11°♍13'54	
morning rise	-3373 Oct 06 j 19:29	5°♍41'58	
direct	-3373 Oct 10 j 22:16	4°♍07'26	
morning max el	-3373 Oct 19 j 14:22	9°♍14'27	21°21'09
greatest brilliancy	-3373 Oct 24 j 21:28	15°♍22'16	-0.4m
	-3373 Nov 04 j 11:27	0°♎	
desc. node	-3373 Nov 12 j 23:20	12°♎41'51	
morning set	-3373 Nov 19 j 09:12	22°♎38'07	
	-3373 Nov 24 j 00:08	0°♏	
max. Earth dist.	-3373 Nov 27 j 00:13	4°♏53'13	1.42233 AU
superior conj	-3373 Dec 04 j 07:14	17°♏07'54	-1°-49'-7
minimum elong	-3373 Dec 04 j 03:26	16°♏51'35	1°49'02
	-3373 Dec 11 j 14:56	0°♐	
evening rise	-3373 Dec 15 j 13:28	7°♐06'34	
asc. node	-3373 Dec 28 j 21:25	29°♐32'36	
	-3373 Dec 29 j 05:40	0°♑	
evening max el	-3372 Jan 01 j 03:48	3°♑23'24	18°08'33
retrograde	-3372 Jan 07 j 21:49	6°♑51'12	
evening set	-3372 Jan 10 j 12:50	6°♑20'02	
inferior conj	-3372 Jan 17 j 06:37	1°♑20'45	4°01'12
minimum elong	-3372 Jan 17 j 06:18	1°♑21'29	4°01'05
	-3372 Jan 18 j 16:20	30°℞♐	
min. Earth dist.	-3372 Jan 20 j 08:57	28°♐24'54	0.61220 AU
morning rise	-3372 Jan 23 j 21:15	25°♐35'45	
direct	-3372 Jan 30 j 19:49	23°♐14'17	
desc. node	-3372 Feb 08 j 22:40	26°♐43'36	
	-3372 Feb 12 j 21:47	0°♑	
morning max el	-3372 Feb 13 j 21:57	0°♑57'47	27°35'46
	-3372 Mar 06 j 00:04	0°♒	
morning set	-3372 Mar 17 j 06:17	21°♒16'36	
	-3372 Mar 21 j 09:49	0°♓	
max. Earth dist.	-3372 Mar 23 j 10:50	4°♓24'45	1.32634 AU
superior conj	-3372 Mar 24 j 13:14	6°♓48'22	0°-13'-46
minimum elong	-3372 Mar 24 j 13:51	6°♓51'46	0°13'42
behind sun begin	-3372 Mar 24 j 11:19	6°♓37'55	
behind sun end	-3372 Mar 24 j 16:24	7°♓05'38	
asc. node	-3372 Mar 25 j 20:50	9°♓40'52	
evening rise	-3372 Mar 31 j 13:21	21°♓56'55	
	-3372 Apr 04 j 11:42	0°♈	
	-3372 Apr 23 j 12:23	0°♉	
evening max el	-3372 Apr 26 j 20:08	3°♉28'47	25°01'55
desc. node	-3372 May 06 j 21:31	9°♉59'48	
retrograde	-3372 May 10 j 21:05	10°♉36'40	
evening set	-3372 May 16 j 00:09	9°♉36'09	
min. Earth dist.	-3372 May 21 j 08:21	6°♉44'21	0.57494 AU
inferior conj	-3372 May 24 j 09:11	4°♉41'43	-3°-57'-22
minimum elong	-3372 May 24 j 04:43	4°♉49'18	3°56'38
morning rise	-3372 Jun 01 j 13:22	0°♉29'12	
direct	-3372 Jun 04 j 00:56	0°♉11'04	
morning max el	-3372 Jun 12 j 20:50	4°♉18'38	19°06'44
asc. node	-3372 Jun 21 j 20:22	16°♉24'59	
	-3372 Jun 29 j 03:19	0°♊	
morning set	-3372 Jun 29 j 16:04	1°♊02'50	
superior conj	-3372 Jul 08 j 02:28	17°♊39'34	1°48'16
minimum elong	-3372 Jul 08 j 01:45	17°♊36'07	1°48'21
max. Earth dist.	-3372 Jul 14 j 14:26	29°♊50'23	1.38394 AU
	-3372 Jul 14 j 16:34	0°♋	
evening rise	-3372 Jul 18 j 12:32	6°♋48'46	
	-3372 Aug 01 j 20:11	0°♌	
desc. node	-3372 Aug 02 j 20:40	1°♌31'32	
evening max el	-3372 Aug 23 j 04:41	27°♌39'56	24°42'50
	-3372 Aug 25 j 17:15	0°♍	
retrograde	-3372 Sep 03 j 16:12	4°♍21'56	
evening set	-3372 Sep 09 j 06:02	2°♍00'23	
	-3372 Sep 11 j 05:59	30°℞♌	
min. Earth dist.	-3372 Sep 13 j 21:18	26°♌41'51	0.67177 AU
inferior conj	-3372 Sep 14 j 15:52	25°♌39'58	-1°-4'-4
minimum elong	-3372 Sep 14 j 17:23	25°♌34'54	1°03'23
asc. node	-3372 Sep 17 j 19:29	21°♌44'05	
morning rise	-3372 Sep 20 j 05:04	19°♌33'35	
direct	-3372 Sep 23 j 19:47	18°♌18'17	
morning max el	-3372 Oct 01 j 13:10	22°♌47'13	20°09'02
	-3372 Oct 07 j 13:06	0°♍	
greatest brilliancy	-3372 Oct 08 j 15:04	1°♍27'57	-0.6m
	-3372 Oct 27 j 18:27	0°♎	
morning set	-3372 Oct 28 j 07:08	0°♎49'03	
desc. node	-3372 Oct 29 j 20:18	3°♎13'11	
max. Earth dist.	-3372 Nov 08 j 10:07	18°♎18'27	1.43756 AU
superior conj	-3372 Nov 13 j 19:11	27°♎00'26	-1°-26'-13
minimum elong	-3372 Nov 13 j 12:13	26°♎31'55	1°25'37
	-3372 Nov 15 j 14:55	0°♏	
evening rise	-3372 Nov 26 j 20:54	19°♏01'07	
	-3372 Dec 03 j 06:11	0°♐	
evening max el	-3372 Dec 14 j 16:16	16°♐38'19	18°12'57
asc. node	-3372 Dec 14 j 18:29	16°♐43'54	
retrograde	-3372 Dec 21 j 05:03	20°♐08'17	
evening set	-3372 Dec 23 j 23:35	19°♐28'46	
inferior conj	-3372 Dec 30 j 06:48	14°♐08'31	3°50'07
minimum elong	-3372 Dec 30 j 04:39	14°♐14'18	3°49'45
min. Earth dist.	-3371 Jan 01 j 19:42	11°♐25'34	0.63095 AU
morning rise	-3371 Jan 05 j 07:59	8°♐11'35	
direct	-3371 Jan 12 j 09:11	5°♐28'05	
desc. node	-3371 Jan 25 j 19:43	12°♐52'15	
morning max el	-3371 Jan 26 j 04:15	13°♐13'07	27°41'11
	-3371 Feb 08 j 17:02	0°♑	
	-3371 Feb 26 j 10:23	0°♒	
morning set	-3371 Mar 01 j 06:59	5°♒37'51	
max. Earth dist.	-3371 Mar 06 j 18:19	16°♒57'40	1.33109 AU
superior conj	-3371 Mar 08 j 22:05	21°♒34'37	0°-39'-3
minimum elong	-3371 Mar 08 j 23:50	21°♒44'04	0°38'48
asc. node	-3371 Mar 12 j 17:50	29°♒49'50	
	-3371 Mar 12 j 19:43	0°♓	
evening rise	-3371 Mar 16 j 01:02	6°♓52'29	
	-3371 Mar 28 j 09:23	0°♈	
evening max el	-3371 Apr 08 j 11:52	14°♈12'23	23°29'46
retrograde	-3371 Apr 22 j 01:43	20°♈57'08	
desc. node	-3371 Apr 23 j 18:37	20°♈50'39	
evening set	-3371 Apr 25 j 20:30	20°♈25'45	
min. Earth dist.	-3371 May 02 j 22:49	17°♈10'12	0.55971 AU
inferior conj	-3371 May 04 j 22:44	15°♈58'50	-2°-52'-40
minimum elong	-3371 May 04 j 16:36	16°♈08'01	2°51'01
morning rise	-3371 May 13 j 16:06	12°♈00'25	
direct	-3371 May 16 j 05:01	11°♈44'22	
morning max el	-3371 May 26 j 13:53	16°♈33'15	20°10'39
	-3371 Jun 05 j 15:06	0°♉	
asc. node	-3371 Jun 08 j 17:22	5°♉32'39	
morning set	-3371 Jun 13 j 19:53	15°♉33'25	
	-3371 Jun 20 j 21:42	0°♊	
superior conj	-3371 Jun 21 j 15:55	1°♊31'47	1°41'03

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3371 Jun 21 j 13:50	1°♊21'21	1°41'01
max. Earth dist.	-3371 Jun 26 j 19:22	11°♊38'46	1.36565 AU
evening rise	-3371 Jun 30 j 20:23	19°♊13'23	
	-3371 Jul 06 j 22:51	0°♋	
desc. node	-3371 Jul 20 j 17:41	21°♋34'03	
	-3371 Jul 26 j 22:07	0°♌	
evening max el	-3371 Aug 05 j 15:36	11°♌12'26	25°54'09
retrograde	-3371 Aug 18 j 00:46	18°♌17'49	
evening set	-3371 Aug 24 j 05:33	15°♌40'32	
min. Earth dist.	-3371 Aug 28 j 12:16	10°♌59'40	0.66582 AU
inferior conj	-3371 Aug 29 j 18:21	9°♌24'19	-1°-56'-38
minimum elong	-3371 Aug 29 j 21:04	9°♌15'44	1°55'31
morning rise	-3371 Sep 04 j 13:16	3°♌27'54	
asc. node	-3371 Sep 04 j 16:34	3°♌22'56	
direct	-3371 Sep 07 j 18:03	2°♌28'50	
morning max el	-3371 Sep 14 j 19:07	6°♌28'28	19°10'52
	-3371 Oct 01 j 11:47	0°♍	
morning set	-3371 Oct 07 j 14:21	9°♍33'50	
desc. node	-3371 Oct 16 j 17:17	23°♍52'38	
	-3371 Oct 20 j 14:41	0°♎	
max. Earth dist.	-3371 Oct 22 j 02:02	2°♎19'25	1.44658 AU
superior conj	-3371 Oct 24 j 05:42	5°♎43'46	0°-46'-44
minimum elong	-3371 Oct 24 j 00:00	5°♎21'11	0°46'03
evening rise	-3371 Nov 08 j 06:41	29°♎58'36	
	-3371 Nov 08 j 07:01	0°♏	
evening max el	-3371 Nov 28 j 04:29	0°♐01'10	18°35'46
	-3371 Nov 28 j 04:02	0°♐	
asc. node	-3371 Dec 01 j 15:32	2°♐48'48	
retrograde	-3371 Dec 04 j 20:17	3°♐43'56	
evening set	-3371 Dec 07 j 19:32	2°♐54'36	
	-3371 Dec 11 j 08:35	30°℞♏	
inferior conj	-3371 Dec 13 j 18:34	27°♏15'50	3°23'39
minimum elong	-3371 Dec 13 j 15:33	27°♏24'44	3°22'53
min. Earth dist.	-3371 Dec 15 j 16:32	24°♏59'59	0.64660 AU
morning rise	-3371 Dec 19 j 10:24	21°♏09'57	
direct	-3371 Dec 26 j 05:26	18°♏19'31	
morning max el	-3370 Jan 08 j 13:36	25°♏59'58	27°12'16
	-3370 Jan 12 j 07:16	0°♐	
desc. node	-3370 Jan 12 j 16:46	0°♐27'19	
	-3370 Feb 02 j 05:18	0°♑	
morning set	-3370 Feb 12 j 22:51	19°♑28'25	
max. Earth dist.	-3370 Feb 17 j 17:17	29°♑00'13	1.33992 AU
	-3370 Feb 18 j 04:55	0°♒	
superior conj	-3370 Feb 21 j 02:45	6°♒03'54	-1°-3'-22
minimum elong	-3370 Feb 21 j 05:28	6°♒18'09	1°03'01
asc. node	-3370 Feb 27 j 14:50	19°♒50'39	
evening rise	-3370 Feb 28 j 11:44	21°♒40'02	
	-3370 Mar 04 j 14:14	0°♓	
evening max el	-3370 Mar 21 j 06:53	24°♓58'51	21°56'25
	-3370 Mar 28 j 14:31	0°♈	
retrograde	-3370 Apr 02 j 19:10	1°♈03'10	
evening set	-3370 Apr 05 j 13:02	0°♈46'23	
	-3370 Apr 08 j 05:32	30°℞♓	
desc. node	-3370 Apr 10 j 15:42	28°♓57'38	
inferior conj	-3370 Apr 14 j 21:19	26°♓41'22	-1°-10'-15
minimum elong	-3370 Apr 14 j 18:05	26°♓45'54	1°09'10
min. Earth dist.	-3370 Apr 14 j 12:31	26°♓53'45	0.55193 AU
morning rise	-3370 Apr 24 j 00:20	22°♓43'01	
direct	-3370 Apr 26 j 19:04	22°♓25'47	
morning max el	-3370 May 08 j 20:09	28°♓06'38	21°33'17
	-3370 May 10 j 17:23	0°♈	
asc. node	-3370 May 26 j 14:23	25°♈05'33	
morning set	-3370 May 29 j 04:23	0°♉20'47	
	-3370 May 29 j 00:21	0°♉	

superior conj	-3370 Jun 05 j 14:47	15°♉54'16	1°27'45
minimum elong	-3370 Jun 05 j 12:09	15°♉40'36	1°27'31
max. Earth dist.	-3370 Jun 09 j 08:09	23°♉32'21	1.35035 AU
	-3370 Jun 12 j 14:26	0°♊	
evening rise	-3370 Jun 13 j 22:04	2°♊32'32	
	-3370 Jun 29 j 21:01	0°♋	
desc. node	-3370 Jul 07 j 14:43	11°♋09'38	
evening max el	-3370 Jul 19 j 02:52	24°♋41'10	26°49'13
	-3370 Jul 25 j 19:45	0°♌	
retrograde	-3370 Aug 01 j 04:25	2°♌00'02	
	-3370 Aug 06 j 22:04	30°℞♋	
evening set	-3370 Aug 07 j 22:04	29°♋13'46	
min. Earth dist.	-3370 Aug 11 j 20:53	25°♋11'37	0.65623 AU
inferior conj	-3370 Aug 13 j 15:50	23°♋04'52	-2°-46'-1
minimum elong	-3370 Aug 13 j 19:27	22°♋54'11	2°44'46
morning rise	-3370 Aug 19 j 17:59	17°♋21'41	
direct	-3370 Aug 22 j 15:09	16°♋35'29	
asc. node	-3370 Aug 22 j 13:40	16°♋35'30	
morning max el	-3370 Aug 29 j 06:33	20°♋14'55	18°28'31
	-3370 Sep 05 j 17:21	0°♌	
morning set	-3370 Sep 17 j 22:37	19°♌33'06	
	-3370 Sep 24 j 09:48	0°♍	
superior conj	-3370 Oct 03 j 05:16	14°♍00'57	0°02'25
minimum elong	-3370 Oct 03 j 05:34	14°♍02'11	0°02'24
behind sun begin	-3370 Oct 02 j 18:22	13°♍17'56	
behind sun end	-3370 Oct 03 j 16:47	14°♍46'25	
desc. node	-3370 Oct 03 j 14:15	14°♍36'27	
max. Earth dist.	-3370 Oct 04 j 20:15	16°♍34'42	1.44841 AU
	-3370 Oct 13 j 09:06	0°♎	
evening rise	-3370 Oct 19 j 15:47	9°♎52'55	
greatest brilliancy	-3370 Nov 01 j 03:25	29°♎24'05	-0.7m
	-3370 Nov 01 j 12:53	0°♏	
evening max el	-3370 Nov 11 j 13:59	13°♏27'07	19°15'48
retrograde	-3370 Nov 18 j 15:55	17°♏31'32	
asc. node	-3370 Nov 18 j 12:38	17°♏31'26	
evening set	-3370 Nov 21 j 21:42	16°♏30'22	
inferior conj	-3370 Nov 27 j 14:36	10°♏36'15	2°46'35
minimum elong	-3370 Nov 27 j 11:34	10°♏45'58	2°45'35
min. Earth dist.	-3370 Nov 28 j 22:32	8°♏54'36	0.65869 AU
morning rise	-3370 Dec 03 j 00:34	4°♏23'56	
direct	-3370 Dec 09 j 07:58	1°♏39'31	
morning max el	-3370 Dec 21 j 23:20	9°♏04'54	26°15'09
desc. node	-3370 Dec 30 j 13:49	19°♏02'47	
	-3369 Jan 07 j 11:57	0°♐	
	-3369 Jan 25 j 16:21	0°♑	
morning set	-3369 Jan 27 j 01:52	2°♑35'09	
max. Earth dist.	-3369 Jan 31 j 04:37	10°♑26'52	1.35318 AU
superior conj	-3369 Feb 05 j 00:51	20°♑07'57	-1°-25'-21
minimum elong	-3369 Feb 05 j 04:04	20°♑24'26	1°25'02
	-3369 Feb 09 j 19:31	0°♒	
evening rise	-3369 Feb 12 j 19:30	6°♒12'15	
asc. node	-3369 Feb 14 j 11:52	9°♒37'44	
	-3369 Feb 26 j 03:33	0°♓	
evening max el	-3369 Mar 03 j 10:44	6°♓11'43	20°33'32
retrograde	-3369 Mar 14 j 09:07	11°♓24'13	
evening set	-3369 Mar 16 j 16:22	11°♓11'18	
inferior conj	-3369 Mar 25 j 17:05	7°♓13'29	0°46'50
minimum elong	-3369 Mar 25 j 19:11	7°♓10'27	0°46'05
min. Earth dist.	-3369 Mar 27 j 02:41	6°♓24'35	0.55337 AU
desc. node	-3369 Mar 28 j 12:48	5°♓36'13	
morning rise	-3369 Apr 03 j 20:06	2°♓56'25	
direct	-3369 Apr 07 j 07:33	2°♓30'06	
morning max el	-3369 Apr 20 j 16:47	9°♓02'21	23°09'15
	-3369 May 05 j 20:02	0°♈	
asc. node	-3369 May 13 j 11:25	14°♈56'34	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3369 May 13 j 15:38	15°♈18'33	
superior conj	-3369 May 20 j 20:02	0°♉37'23	1°09'57
minimum elong	-3369 May 20 j 17:30	0°♉23'50	1°09'37
	-3369 May 20 j 13:02	0°♉	
max. Earth dist.	-3369 May 23 j 06:47	5°♉48'26	1.33872 AU
evening rise	-3369 May 28 j 12:46	16°♉32'20	
	-3369 Jun 04 j 16:01	0°♊	
desc. node	-3369 Jun 24 j 11:45	0°♋07'02	
	-3369 Jun 24 j 09:29	0°♋	
evening max el	-3369 Jul 01 j 13:57	7°♋56'58	27°20'34
retrograde	-3369 Jul 15 j 02:43	15°♋20'41	
evening set	-3369 Jul 22 j 04:45	12°♋36'09	
min. Earth dist.	-3369 Jul 25 j 21:16	9°♋10'21	0.64285 AU
inferior conj	-3369 Jul 28 j 05:58	6°♋37'35	-3°-29'-37
minimum elong	-3369 Jul 28 j 09:54	6°♋26'58	3°28'34
morning rise	-3369 Aug 03 j 16:47	1°♋10'38	
direct	-3369 Aug 06 j 08:39	0°♋34'09	
asc. node	-3369 Aug 09 j 10:45	1°♋23'05	
morning max el	-3369 Aug 12 j 21:03	4°♋01'56	18°03'13
	-3369 Aug 29 j 22:12	0°♌	
morning set	-3369 Aug 30 j 10:05	0°♌50'33	
superior conj	-3369 Sep 12 j 16:34	22°♌56'24	0°48'29
minimum elong	-3369 Sep 12 j 21:38	23°♌16'54	0°47'56
	-3369 Sep 17 j 02:01	0°♍	
max. Earth dist.	-3369 Sep 17 j 13:25	0°♍45'21	1.44302 AU
desc. node	-3369 Sep 20 j 11:14	5°♍21'45	
evening rise	-3369 Sep 29 j 03:32	18°♍53'49	
	-3369 Oct 06 j 09:13	0°♎	
greatest brilliancy	-3369 Oct 18 j 22:51	18°♎29'29	-0.6m
evening max el	-3369 Oct 25 j 18:49	26°♎54'10	20°11'19
	-3369 Oct 29 j 09:13	0°♏	
retrograde	-3369 Nov 02 j 13:12	1°♏27'45	
asc. node	-3369 Nov 05 j 09:45	0°♏40'29	
evening set	-3369 Nov 06 j 03:44	0°♏12'11	
	-3369 Nov 06 j 10:27	30°℞♎	
inferior conj	-3369 Nov 11 j 16:18	24°♎06'07	2°02'13
minimum elong	-3369 Nov 11 j 13:46	24°♎14'35	2°01'15
min. Earth dist.	-3369 Nov 12 j 11:42	23°♎01'12	0.66725 AU
morning rise	-3369 Nov 16 j 23:12	17°♎50'03	
direct	-3369 Nov 22 j 16:09	15°♎20'52	
morning max el	-3369 Dec 04 j 08:04	22°♎17'14	24°58'51
	-3369 Dec 11 j 02:54	0°♏	
desc. node	-3369 Dec 17 j 10:52	8°♏21'11	
	-3369 Dec 31 j 19:13	0°♐	
morning set	-3368 Jan 09 j 10:49	14°♐43'09	
max. Earth dist.	-3368 Jan 13 j 04:51	21°♐31'27	1.37069 AU
	-3368 Jan 17 j 16:27	0°♑	
superior conj	-3368 Jan 19 j 13:22	3°♑38'34	-1°-43'-5
minimum elong	-3368 Jan 19 j 16:20	3°♑53'10	1°42'57
evening rise	-3368 Jan 27 j 22:17	20°♑23'10	
asc. node	-3368 Feb 01 j 08:54	29°♑05'43	
	-3368 Feb 01 j 20:24	0°♒	
evening max el	-3368 Feb 14 j 01:24	18°♒01'00	19°27'34
retrograde	-3368 Feb 23 j 07:36	22°♒25'13	
evening set	-3368 Feb 25 j 14:52	22°♒10'06	
inferior conj	-3368 Mar 04 j 23:53	18°♒03'38	2°26'15
minimum elong	-3368 Mar 05 j 04:46	17°♒55'40	2°24'49
min. Earth dist.	-3368 Mar 07 j 17:34	16°♒17'07	0.56376 AU
morning rise	-3368 Mar 13 j 14:58	13°♒17'02	
desc. node	-3368 Mar 14 j 09:56	13°♒02'01	
direct	-3368 Mar 18 j 06:02	12°♒28'16	
morning max el	-3368 Apr 01 j 07:59	19°♒37'20	24°48'02
	-3368 Apr 10 j 02:00	0°♓	
	-3368 Apr 26 j 23:55	0°♈	
morning set	-3368 Apr 27 j 03:50	0°♈20'31	
asc. node	-3368 Apr 29 j 08:25	4°♈59'54	
superior conj	-3368 May 04 j 05:17	15°♈32'57	0°48'55
minimum elong	-3368 May 04 j 03:18	15°♈22'10	0°48'34
max. Earth dist.	-3368 May 05 j 13:47	18°♈28'51	1.33084 AU
	-3368 May 11 j 00:46	0°♉	
evening rise	-3368 May 11 j 12:35	1°♉00'23	
	-3368 May 27 j 15:43	0°♊	
desc. node	-3368 Jun 10 j 08:49	18°♊09'41	
evening max el	-3368 Jun 12 j 22:55	20°♊47'16	27°22'07
retrograde	-3368 Jun 26 j 18:46	28°♊09'58	
evening set	-3368 Jul 03 j 21:54	25°♊40'52	
min. Earth dist.	-3368 Jul 07 j 11:57	22°♊43'52	0.62593 AU
inferior conj	-3368 Jul 10 j 09:51	19°♊55'38	-4°-3'-36
minimum elong	-3368 Jul 10 j 13:06	19°♊47'47	4°03'00
morning rise	-3368 Jul 17 j 06:38	14°♊47'51	
direct	-3368 Jul 19 j 19:31	14°♊18'24	
asc. node	-3368 Jul 26 j 07:50	17°♊33'06	
morning max el	-3368 Jul 26 j 11:53	17°♊42'58	17°55'54
	-3368 Aug 04 j 07:13	0°♋	
morning set	-3368 Aug 11 j 20:02	13°♋12'13	
	-3368 Aug 21 j 09:29	0°♌	
superior conj	-3368 Aug 23 j 05:34	3°♌07'57	1°22'21
minimum elong	-3368 Aug 23 j 10:54	3°♌30'30	1°21'56
max. Earth dist.	-3368 Aug 30 j 02:57	14°♌34'13	1.43120 AU
desc. node	-3368 Sep 06 j 08:13	26°♌04'56	
evening rise	-3368 Sep 07 j 08:08	27°♌38'20	
	-3368 Sep 08 j 20:38	0°♍	
	-3368 Sep 29 j 06:11	0°♎	
greatest brilliancy	-3368 Oct 02 j 13:00	4°♎18'58	-0.4m
evening max el	-3368 Oct 07 j 17:43	10°♎20'28	21°19'42
retrograde	-3368 Oct 16 j 09:57	15°♎29'11	
evening set	-3368 Oct 20 j 11:33	13°♎56'34	
asc. node	-3368 Oct 22 j 06:51	12°♎16'21	
inferior conj	-3368 Oct 25 j 21:21	7°♎41'58	1°12'55
minimum elong	-3368 Oct 25 j 19:44	7°♎47'33	1°12'15
min. Earth dist.	-3368 Oct 26 j 05:33	7°♎13'47	0.67247 AU
morning rise	-3368 Oct 31 j 03:34	1°♎24'58	
	-3368 Nov 02 j 05:24	30°℞♍	
direct	-3368 Nov 05 j 05:09	29°♍16'14	
	-3368 Nov 08 j 10:23	0°♎	
morning max el	-3368 Nov 15 j 17:00	5°♎32'00	23°33'17
desc. node	-3368 Dec 03 j 07:54	28°♎09'41	
	-3368 Dec 04 j 14:03	0°♏	
morning set	-3368 Dec 20 j 19:27	25°♏35'53	
	-3368 Dec 23 j 09:19	0°♐	
max. Earth dist.	-3368 Dec 25 j 00:22	2°♐49'53	1.39101 AU
superior conj	-3367 Jan 01 j 12:20	16°♐25'01	-1°-54'-1
minimum elong	-3367 Jan 01 j 13:49	16°♐31'59	1°54'07
	-3367 Jan 08 j 14:46	0°♑	
evening rise	-3367 Jan 10 j 17:31	4°♑06'19	
asc. node	-3367 Jan 18 j 05:57	18°♑08'02	
	-3367 Jan 26 j 15:45	0°♒	
evening max el	-3367 Jan 27 j 01:36	0°♒24'19	18°41'06
retrograde	-3367 Feb 03 j 23:36	4°♒14'36	
evening set	-3367 Feb 06 j 09:59	3°♒54'12	
	-3367 Feb 13 j 09:31	30°℞♑	
inferior conj	-3367 Feb 14 j 01:56	29°♑29'06	3°29'49
minimum elong	-3367 Feb 14 j 05:47	29°♑21'48	3°29'04
min. Earth dist.	-3367 Feb 17 j 10:14	26°♑58'19	0.58063 AU
morning rise	-3367 Feb 21 j 21:52	24°♑14'24	
direct	-3367 Feb 27 j 17:29	22°♑50'40	
desc. node	-3367 Mar 01 j 07:02	22°♑56'44	
	-3367 Mar 13 j 15:46	0°♒	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3367 Mar 13 j 23:59	0°♒19'43	26°15'06
	-3367 Apr 03 j 20:29	0°♓	
morning set	-3367 Apr 11 j 15:21	15°♓20'56	
asc. node	-3367 Apr 16 j 05:26	25°♓10'49	
	-3367 Apr 18 j 10:21	0°♈	
superior conj	-3367 Apr 18 j 16:38	0°♈34'24	0°25'36
minimum elong	-3367 Apr 18 j 15:31	0°♈28'19	0°25'21
max. Earth dist.	-3367 Apr 19 j 01:59	1°♈25'35	1.32645 AU
evening rise	-3367 Apr 25 j 18:33	15°♈46'49	
	-3367 May 03 j 00:06	0°♉	
	-3367 May 23 j 04:48	0°♊	
evening max el	-3367 May 26 j 03:12	3°♊00'35	26°50'46
desc. node	-3367 May 28 j 05:52	4°♊54'40	
retrograde	-3367 Jun 09 j 03:16	10°♊19'55	
evening set	-3367 Jun 15 j 21:19	8°♊19'44	
min. Earth dist.	-3367 Jun 19 j 16:42	5°♊38'13	0.60638 AU
inferior conj	-3367 Jun 23 j 00:02	2°♊51'02	-4°-21'-58
minimum elong	-3367 Jun 23 j 01:10	2°♊48'39	4°21'49
	-3367 Jun 26 j 15:01	30°℞♉	
morning rise	-3367 Jun 30 j 08:07	28°♉04'53	
direct	-3367 Jul 02 j 19:50	27°♉40'37	
	-3367 Jul 08 j 15:38	0°♊	
morning max el	-3367 Jul 10 j 00:17	1°♊11'37	18°07'36
asc. node	-3367 Jul 13 j 04:54	4°♊50'23	
morning set	-3367 Jul 25 j 22:58	26°♊23'45	
	-3367 Jul 27 j 21:19	0°♋	
superior conj	-3367 Aug 04 j 21:35	14°♋40'08	1°41'51
minimum elong	-3367 Aug 05 j 00:36	14°♋53'38	1°41'47
max. Earth dist.	-3367 Aug 12 j 11:21	27°♋47'50	1.41453 AU
	-3367 Aug 13 j 18:56	0°♌	
evening rise	-3367 Aug 18 j 01:20	6°♌59'25	
desc. node	-3367 Aug 24 j 05:10	16°♌42'40	
	-3367 Sep 02 j 01:52	0°♍	
greatest brilliancy	-3367 Sep 15 j 15:46	18°♍24'20	-0.3m
evening max el	-3367 Sep 20 j 10:40	23°♍46'24	22°36'58
retrograde	-3367 Sep 30 j 04:39	29°♍33'34	
evening set	-3367 Oct 04 j 19:20	27°♍41'54	
asc. node	-3367 Oct 09 j 03:58	22°♍44'27	
inferior conj	-3367 Oct 10 j 03:55	21°♍22'10	0°20'33
minimum elong	-3367 Oct 10 j 03:26	21°♍23'49	0°20'22
min. Earth dist.	-3367 Oct 10 j 01:41	21°♍29'53	0.67457 AU
morning rise	-3367 Oct 15 j 11:27	15°♍07'03	
direct	-3367 Oct 19 j 22:10	13°♍20'22	
morning max el	-3367 Oct 29 j 05:22	18°♍51'28	22°07'37
greatest brilliancy	-3367 Nov 02 j 23:24	24°♍14'21	-0.4m
	-3367 Nov 07 j 10:28	0°♎	
desc. node	-3367 Nov 20 j 04:53	18°♎19'23	
	-3367 Nov 27 j 18:52	0°♏	
morning set	-3367 Nov 30 j 23:19	5°♏04'15	
max. Earth dist.	-3367 Dec 06 j 23:13	14°♏54'35	1.41155 AU
superior conj	-3367 Dec 14 j 16:31	28°♏13'17	-1°-54'-49
minimum elong	-3367 Dec 14 j 14:58	28°♏06'28	1°54'55
	-3367 Dec 15 j 16:30	0°♐	
evening rise	-3367 Dec 25 j 02:01	17°♐13'52	
	-3366 Jan 01 j 02:10	0°♑	
asc. node	-3366 Jan 05 j 03:00	6°♑35'51	
evening max el	-3366 Jan 10 j 08:47	13°♑13'26	18°14'42
retrograde	-3366 Jan 17 j 09:59	16°♑45'39	
evening set	-3366 Jan 19 j 23:18	16°♑18'41	
inferior conj	-3366 Jan 27 j 00:18	11°♑31'39	3°57'58
minimum elong	-3366 Jan 27 j 01:28	11°♑29'04	3°57'48
min. Earth dist.	-3366 Jan 30 j 07:39	8°♑38'13	0.60055 AU
morning rise	-3366 Feb 03 j 00:40	5°♑55'36	
direct	-3366 Feb 09 j 16:31	3°♑53'36	
desc. node	-3366 Feb 16 j 04:08	5°♑39'39	
morning max el	-3366 Feb 23 j 21:27	11°♑33'12	27°16'13
	-3366 Mar 10 j 08:31	0°♒	
	-3366 Mar 26 j 22:01	0°♓	
morning set	-3366 Mar 27 j 00:21	0°♓12'03	
max. Earth dist.	-3366 Apr 02 j 15:26	14°♓23'56	1.32542 AU
superior conj	-3366 Apr 03 j 04:19	15°♓34'26	0°00'50
minimum elong	-3366 Apr 03 j 04:17	15°♓34'14	0°00'47
behind sun begin	-3366 Apr 02 j 23:17	15°♓06'51	
behind sun end	-3366 Apr 03 j 09:17	16°♓01'38	
asc. node	-3366 Apr 03 j 02:25	15°♓24'04	
	-3366 Apr 09 j 20:15	0°♈	
evening rise	-3366 Apr 10 j 04:14	0°♈42'00	
	-3366 Apr 26 j 07:40	0°♉	
evening max el	-3366 May 08 j 00:54	14°♉29'52	25°48'29
desc. node	-3366 May 15 j 02:57	19°♉49'47	
retrograde	-3366 May 22 j 02:45	21°♉44'12	
evening set	-3366 May 27 j 23:23	20°♉21'37	
min. Earth dist.	-3366 Jun 01 j 13:16	17°♉38'23	0.58597 AU
inferior conj	-3366 Jun 04 j 20:50	15°♉13'15	-4°-16'00
minimum elong	-3366 Jun 04 j 18:28	15°♉17'37	4°15'44
morning rise	-3366 Jun 12 j 17:26	10°♉49'33	
direct	-3366 Jun 15 j 05:01	10°♉29'26	
morning max el	-3366 Jun 23 j 07:21	14°♉19'04	18°39'18
asc. node	-3366 Jun 30 j 01:55	22°♉59'44	
	-3366 Jul 04 j 04:30	0°♊	
morning set	-3366 Jul 09 j 14:13	10°♊12'56	
superior conj	-3366 Jul 18 j 11:36	27°♊19'21	1°48'49
minimum elong	-3366 Jul 18 j 12:04	27°♊21'32	1°48'56
	-3366 Jul 19 j 22:01	0°♋	
max. Earth dist.	-3366 Jul 25 j 14:35	10°♋17'25	1.39519 AU
evening rise	-3366 Jul 29 j 19:01	17°♋30'47	
	-3366 Aug 06 j 10:29	0°♌	
desc. node	-3366 Aug 11 j 02:08	7°♌11'06	
	-3366 Aug 27 j 12:59	0°♍	
evening max el	-3366 Sep 02 j 23:13	7°♍13'52	23°57'38
retrograde	-3366 Sep 13 j 20:09	13°♍38'14	
evening set	-3366 Sep 19 j 01:23	11°♍26'59	
inferior conj	-3366 Sep 24 j 10:17	5°♍05'39	0°-33'-10
minimum elong	-3366 Sep 24 j 11:04	5°♍03'00	0°32'47
min. Earth dist.	-3366 Sep 23 j 21:44	5°♍48'15	0.67363 AU
asc. node	-3366 Sep 26 j 01:03	2°♍56'23	
	-3366 Sep 28 j 14:40	30°℞♌	
morning rise	-3366 Sep 29 j 20:56	28°♌55'19	
direct	-3366 Oct 03 j 18:17	27°♌29'29	
	-3366 Oct 09 j 11:16	0°♍	
morning max el	-3366 Oct 12 j 00:05	2°♍19'17	20°49'04
greatest brilliancy	-3366 Oct 17 j 21:56	9°♍18'31	-0.5m
	-3366 Nov 01 j 08:13	0°♎	
desc. node	-3366 Nov 07 j 01:50	8°♎44'10	
morning set	-3366 Nov 10 j 03:08	13°♎27'56	
max. Earth dist.	-3366 Nov 19 j 04:54	27°♎52'21	1.42938 AU
	-3366 Nov 20 j 12:17	0°♏	
superior conj	-3366 Nov 25 j 20:16	8°♏49'55	-1°-41'-32
minimum elong	-3366 Nov 25 j 14:50	8°♏27'07	1°41'14
evening rise	-3366 Dec 07 j 19:57	29°♏37'49	
	-3366 Dec 08 j 00:56	0°♐	
asc. node	-3366 Dec 23 j 00:04	24°♐18'45	
evening max el	-3366 Dec 24 j 20:05	26°♐20'44	18°08'06
retrograde	-3366 Dec 31 j 10:59	29°♐48'30	
evening set	-3365 Jan 03 j 03:16	29°♐14'02	
inferior conj	-3365 Jan 09 j 16:13	24°♐05'29	3°58'48
minimum elong	-3365 Jan 09 j 15:00	24°♐08'32	3°58'37
min. Earth dist.	-3365 Jan 12 j 13:12	21°♐12'49	0.62039 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-3365 Jan 16 j 00:34	18°♐14'38	
direct	-3365 Jan 23 j 01:17	15°♐42'05	
desc. node	-3365 Feb 03 j 01:13	20°♐43'46	
morning max el	-3365 Feb 06 j 01:12	23°♐27'23	27°42'35
	-3365 Feb 11 j 22:51	0°♑	
	-3365 Mar 03 j 12:56	0°♒	
morning set	-3365 Mar 11 j 04:48	14°♒46'47	
max. Earth dist.	-3365 Mar 17 j 02:11	27°♒09'45	1.32791 AU
	-3365 Mar 18 j 09:40	0°♓	
superior conj	-3365 Mar 18 j 14:43	0°♓27'24	0°-24'-32
minimum elong	-3365 Mar 18 j 15:49	0°♓33'27	0°24'23
asc. node	-3365 Mar 20 j 23:25	5°♓35'43	
evening rise	-3365 Mar 25 j 15:42	15°♓39'03	
	-3365 Apr 01 j 20:46	0°♈	
evening max el	-3365 Apr 19 j 17:22	25°♈23'35	24°23'36
	-3365 Apr 25 j 15:22	0°♉	
desc. node	-3365 May 02 j 00:03	2°♉18'17	
retrograde	-3365 May 03 j 15:19	2°♉24'27	
evening set	-3365 May 08 j 04:32	1°♉37'52	
	-3365 May 11 j 20:34	30°℞♈	
min. Earth dist.	-3365 May 14 j 05:11	28°♈37'12	0.56777 AU
inferior conj	-3365 May 16 j 21:41	26°♈54'34	-3°-35'-2
minimum elong	-3365 May 16 j 16:03	27°♈03'35	3°33'52
morning rise	-3365 May 25 j 07:40	22°♈49'35	
direct	-3365 May 27 j 19:25	22°♈32'43	
morning max el	-3365 Jun 06 j 06:18	26°♈55'58	19°31'29
	-3365 Jun 09 j 03:21	0°♉	
asc. node	-3365 Jun 16 j 22:56	11°♉48'54	
morning set	-3365 Jun 23 j 14:14	24°♉30'22	
	-3365 Jun 26 j 07:52	0°♊	
superior conj	-3365 Jul 01 j 17:54	10°♊49'03	1°46'04
minimum elong	-3365 Jul 01 j 16:30	10°♊42'10	1°46'07
max. Earth dist.	-3365 Jul 07 j 16:36	22°♊11'48	1.37585 AU
evening rise	-3365 Jul 11 j 14:10	29°♊17'12	
	-3365 Jul 11 j 23:48	0°♋	
desc. node	-3365 Jul 28 j 23:08	27°♋24'52	
	-3365 Jul 30 j 17:57	0°♌	
evening max el	-3365 Aug 16 j 09:59	20°♌44'27	25°14'40
retrograde	-3365 Aug 28 j 07:35	27°♌38'31	
evening set	-3365 Sep 03 j 03:51	25°♌09'35	
min. Earth dist.	-3365 Sep 07 j 15:18	20°♌06'46	0.66958 AU
inferior conj	-3365 Sep 08 j 14:42	18°♌50'15	-1°-26'-40
minimum elong	-3365 Sep 08 j 16:44	18°♌43'34	1°25'46
asc. node	-3365 Sep 12 j 22:09	13°♌50'16	
morning rise	-3365 Sep 14 j 06:08	12°♌47'43	
direct	-3365 Sep 17 j 16:14	11°♌39'55	
morning max el	-3365 Sep 25 j 02:04	15°♌55'42	19°42'27
greatest brilliancy	-3365 Oct 03 j 08:56	26°♌25'16	-0.6m
	-3365 Oct 05 j 20:08	0°♍	
morning set	-3365 Oct 20 j 02:01	21°♍44'24	
desc. node	-3365 Oct 24 j 22:46	29°♍18'53	
	-3365 Oct 25 j 09:17	0°♎	
max. Earth dist.	-3365 Nov 01 j 17:09	11°♎32'32	1.44214 AU
superior conj	-3365 Nov 05 j 20:28	18°♎09'28	-1°-11'-17
minimum elong	-3365 Nov 05 j 13:18	17°♎40'37	1°10'32
	-3365 Nov 13 j 02:47	0°♏	
evening rise	-3365 Nov 19 j 18:39	11°♏08'15	
	-3365 Dec 01 j 03:24	0°♐	
evening max el	-3365 Dec 08 j 08:43	9°♐38'56	18°20'33
asc. node	-3365 Dec 09 j 21:09	11°♐03'10	
retrograde	-3365 Dec 14 j 22:00	13°♐13'20	
evening set	-3365 Dec 17 j 18:16	12°♐30'00	
inferior conj	-3365 Dec 23 j 21:45	7°♐01'49	3°40'27
minimum elong	-3365 Dec 23 j 19:07	7°♐09'11	3°39'55
min. Earth dist.	-3365 Dec 26 j 04:26	4°♐28'42	0.63798 AU
morning rise	-3365 Dec 29 j 18:27	1°♐00'34	
	-3365 Dec 31 j 03:37	30°℞♏	
direct	-3364 Jan 05 j 17:56	28°♏11'58	
	-3364 Jan 11 j 20:32	0°♐	
morning max el	-3364 Jan 19 j 09:08	5°♐57'00	27°32'46
desc. node	-3364 Jan 20 j 22:16	7°♐32'06	
	-3364 Feb 06 j 18:41	0°♑	
morning set	-3364 Feb 23 j 02:11	28°♑56'09	
	-3364 Feb 23 j 15:02	0°♒	
max. Earth dist.	-3364 Feb 28 j 06:16	9°♒29'35	1.33424 AU
superior conj	-3364 Mar 01 j 22:03	15°♒07'08	0°-49'-34
minimum elong	-3364 Mar 02 j 00:15	15°♒18'49	0°49'15
asc. node	-3364 Mar 06 j 20:27	25°♒41'40	
	-3364 Mar 08 j 21:09	0°♓	
evening rise	-3364 Mar 09 j 03:09	0°♓31'31	
	-3364 Mar 26 j 00:12	0°♈	
evening max el	-3364 Mar 31 j 09:50	6°♈05'35	22°49'31
retrograde	-3364 Apr 13 j 15:08	12°♈35'20	
evening set	-3364 Apr 16 j 21:24	12°♈12'04	
desc. node	-3364 Apr 17 j 21:10	11°♈56'16	
min. Earth dist.	-3364 Apr 24 j 19:32	8°♈42'28	0.55531 AU
inferior conj	-3364 Apr 26 j 03:56	7°♈55'45	-2°-13'-2
minimum elong	-3364 Apr 25 j 22:28	8°♈03'39	2°11'22
morning rise	-3364 May 05 j 02:08	3°♈59'08	
direct	-3364 May 07 j 16:24	3°♈43'15	
morning max el	-3364 May 18 j 18:55	8°♈54'07	20°43'39
	-3364 Jun 02 j 05:41	0°♉	
asc. node	-3364 Jun 02 j 19:57	1°♉08'26	
morning set	-3364 Jun 06 j 20:22	9°♉09'12	
superior conj	-3364 Jun 14 j 11:50	24°♉55'55	1°36'03
minimum elong	-3364 Jun 14 j 09:26	24°♉43'40	1°35'56
	-3364 Jun 16 j 23:58	0°♊	
max. Earth dist.	-3364 Jun 19 j 00:16	3°♊59'11	1.35873 AU
evening rise	-3364 Jun 23 j 06:22	12°♊07'47	
	-3364 Jul 03 j 11:13	0°♋	
desc. node	-3364 Jul 14 j 20:11	17°♋17'24	
	-3364 Jul 24 j 19:42	0°♌	
evening max el	-3364 Jul 28 j 21:09	4°♌17'04	26°20'03
retrograde	-3364 Aug 10 j 14:16	11°♌29'38	
evening set	-3364 Aug 17 j 00:43	8°♌47'45	
min. Earth dist.	-3364 Aug 21 j 04:02	4°♌23'02	0.66218 AU
inferior conj	-3364 Aug 22 j 15:22	2°♌34'04	-2°-18'-6
minimum elong	-3364 Aug 22 j 18:30	2°♌24'22	2°16'54
	-3364 Aug 24 j 19:05	30°℞♋	
morning rise	-3364 Aug 28 j 13:09	26°♋42'36	
asc. node	-3364 Aug 29 j 19:12	26°♋07'54	
direct	-3364 Aug 31 j 14:22	25°♋49'24	
morning max el	-3364 Sep 07 j 10:34	29°♋39'40	18°50'44
	-3364 Sep 07 j 18:26	0°♌	
	-3364 Sep 28 j 04:13	0°♍	
morning set	-3364 Sep 28 j 18:51	0°♍58'10	
desc. node	-3364 Oct 10 j 19:45	20°♍00'27	
superior conj	-3364 Oct 14 j 23:48	26°♍34'30	0°-26'-21
minimum elong	-3364 Oct 14 j 20:22	26°♍20'55	0°25'55
max. Earth dist.	-3364 Oct 14 j 10:07	25°♍40'33	1.44830 AU
	-3364 Oct 17 j 03:56	0°♎	
evening rise	-3364 Oct 30 j 18:01	21°♎38'20	
	-3364 Nov 04 j 22:30	0°♏	
evening max el	-3364 Nov 20 j 20:07	23°♏03'26	18°50'52
asc. node	-3364 Nov 25 j 18:14	26°♏34'29	
retrograde	-3364 Nov 27 j 15:20	26°♏54'03	
evening set	-3364 Nov 30 j 17:10	25°♏59'58	
inferior conj	-3364 Dec 06 j 13:22	20°♏14'32	3°08'57

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3364 Dec 06 j 10:16	20°♏24'02	3°08'04
min. Earth dist.	-3364 Dec 08 j 05:16	18°♏12'33	0.65224 AU
morning rise	-3364 Dec 12 j 02:20	14°♏05'47	
direct	-3364 Dec 18 j 17:07	11°♏16'15	
morning max el	-3364 Dec 31 j 18:38	18°♏51'34	26°50'51
desc. node	-3363 Jan 06 j 19:19	25°♏34'51	
	-3363 Jan 10 j 06:52	0°♐	
	-3363 Jan 29 j 17:49	0°♑	
morning set	-3363 Feb 05 j 13:07	12°♑29'07	
max. Earth dist.	-3363 Feb 10 j 00:12	21°♑14'38	1.34495 AU
superior conj	-3363 Feb 14 j 00:16	29°♑26'26	-1°-13'-5
minimum elong	-3363 Feb 14 j 03:16	29°♑42'01	1°12'44
	-3363 Feb 14 j 06:43	0°♒	
evening rise	-3363 Feb 21 j 12:50	15°♒12'54	
asc. node	-3363 Feb 21 j 17:30	15°♒37'04	
	-3363 Mar 01 j 02:30	0°♓	
evening max el	-3363 Mar 13 j 08:19	17°♓01'35	21°19'32
retrograde	-3363 Mar 25 j 05:15	22°♓43'44	
evening set	-3363 Mar 27 j 16:58	22°♓29'34	
desc. node	-3363 Apr 04 j 18:17	19°♓11'18	
inferior conj	-3363 Apr 05 j 23:35	18°♓30'14	0°-20'-26
minimum elong	-3363 Apr 05 j 22:37	18°♓31'35	0°20'08
min. Earth dist.	-3363 Apr 06 j 09:26	18°♓16'22	0.55136 AU
morning rise	-3363 Apr 15 j 04:02	14°♓26'00	
direct	-3363 Apr 18 j 04:36	14°♓06'00	
morning max el	-3363 Apr 30 j 20:37	20°♓09'45	22°12'53
	-3363 May 09 j 00:18	0°♈	
asc. node	-3363 May 20 j 17:00	20°♈49'53	
morning set	-3363 May 22 j 06:18	24°♈01'57	
	-3363 May 25 j 02:28	0°♉	
superior conj	-3363 May 29 j 13:45	9°♉28'11	1°20'41
minimum elong	-3363 May 29 j 11:06	9°♉14'12	1°20'23
max. Earth dist.	-3363 Jun 01 j 17:33	16°♉02'40	1.34501 AU
evening rise	-3363 Jun 06 j 14:11	25°♉46'13	
	-3363 Jun 08 j 19:10	0°♊	
	-3363 Jun 26 j 20:59	0°♋	
desc. node	-3363 Jul 01 j 17:14	6°♋38'27	
evening max el	-3363 Jul 11 j 08:47	17°♋42'37	27°05'49
retrograde	-3363 Jul 24 j 15:32	25°♋03'32	
evening set	-3363 Jul 31 j 13:26	22°♋16'51	
min. Earth dist.	-3363 Aug 04 j 09:27	18°♋30'29	0.65108 AU
inferior conj	-3363 Aug 06 j 10:04	16°♋12'08	-3°-5'-23
minimum elong	-3363 Aug 06 j 13:54	16°♋01'10	3°04'11
morning rise	-3363 Aug 12 j 15:42	10°♋35'12	
direct	-3363 Aug 15 j 10:26	9°♋53'21	
asc. node	-3363 Aug 16 j 16:17	10°♋01'42	
morning max el	-3363 Aug 21 j 23:34	13°♋26'35	18°15'32
	-3363 Sep 02 j 15:28	0°♌	
morning set	-3363 Sep 09 j 15:05	11°♌32'12	
	-3363 Sep 20 j 22:34	0°♍	
superior conj	-3363 Sep 24 j 01:43	5°♍00'19	0°23'03
minimum elong	-3363 Sep 24 j 04:33	5°♍11'36	0°22'43
max. Earth dist.	-3363 Sep 27 j 04:39	9°♍57'26	1.44707 AU
desc. node	-3363 Sep 27 j 16:45	10°♍45'12	
	-3363 Oct 09 j 23:44	0°♎	
evening rise	-3363 Oct 10 j 17:04	1°♎07'33	
greatest brilliancy	-3363 Oct 26 j 19:02	25°♎43'44	-0.7m
	-3363 Oct 29 j 19:47	0°♏	
evening max el	-3363 Nov 04 j 03:54	6°♏30'22	19°37'40
retrograde	-3363 Nov 11 j 11:53	10°♏45'55	
asc. node	-3363 Nov 12 j 15:18	10°♏38'23	
evening set	-3363 Nov 14 j 21:15	9°♏38'45	
inferior conj	-3363 Nov 20 j 12:05	3°♏39'09	2°28'28
minimum elong	-3363 Nov 20 j 09:13	3°♏48'33	2°27'27
min. Earth dist.	-3363 Nov 21 j 14:27	2°♏13'14	0.66280 AU
	-3363 Nov 23 j 09:10	30°℞♎	
morning rise	-3363 Nov 25 j 20:28	27°♎25'10	
direct	-3363 Dec 01 j 21:59	24°♎46'31	
	-3363 Dec 12 j 01:20	0°♏	
morning max el	-3363 Dec 14 j 03:53	2°♏00'21	25°44'31
desc. node	-3363 Dec 24 j 16:23	14°♏30'19	
	-3362 Jan 04 j 09:58	0°♐	
morning set	-3362 Jan 19 j 09:10	25°♐12'38	
	-3362 Jan 21 j 23:04	0°♑	
max. Earth dist.	-3362 Jan 23 j 06:42	2°♑30'00	1.36016 AU
superior conj	-3362 Jan 28 j 18:44	13°♑17'36	-1°-33'-31
minimum elong	-3362 Jan 28 j 21:59	13°♑33'53	1°33'16
evening rise	-3362 Feb 05 j 18:48	29°♑37'09	
	-3362 Feb 05 j 23:18	0°♒	
asc. node	-3362 Feb 08 j 14:33	5°♒16'56	
evening max el	-3362 Feb 23 j 16:42	28°♒29'16	20°03'11
	-3362 Feb 25 j 10:17	0°♓	
retrograde	-3362 Mar 05 j 21:19	3°♓20'05	
evening set	-3362 Mar 08 j 03:58	3°♓06'37	
	-3362 Mar 15 j 10:47	30°℞♒	
inferior conj	-3362 Mar 16 j 22:30	29°♒06'29	1°32'44
minimum elong	-3362 Mar 17 j 02:17	29°♒00'45	1°31'27
min. Earth dist.	-3362 Mar 18 j 23:28	27°♒52'29	0.55678 AU
desc. node	-3362 Mar 22 j 15:23	25°♒52'57	
morning rise	-3362 Mar 25 j 21:50	24°♒37'56	
direct	-3362 Mar 29 j 20:10	24°♒04'00	
	-3362 Apr 11 j 15:05	0°♓	
morning max el	-3362 Apr 12 j 14:11	0°♓53'15	23°51'47
	-3362 May 02 j 07:15	0°♈	
morning set	-3362 May 06 j 18:12	9°♈02'28	
asc. node	-3362 May 07 j 14:03	10°♈46'58	
superior conj	-3362 May 13 j 20:58	24°♈17'22	1°01'23
minimum elong	-3362 May 13 j 18:37	24°♈04'42	1°01'01
max. Earth dist.	-3362 May 15 j 20:19	28°♈30'43	1.33496 AU
	-3362 May 16 j 13:08	0°♉	
evening rise	-3362 May 21 j 09:10	9°♉59'10	
	-3362 Jun 01 j 03:52	0°♊	
desc. node	-3362 Jun 18 j 14:17	25°♊14'44	
	-3362 Jun 22 j 23:13	0°♋	
evening max el	-3362 Jun 23 j 19:17	0°♋49'01	27°24'59
retrograde	-3362 Jul 07 j 11:02	8°♋12'04	
evening set	-3362 Jul 14 j 14:49	5°♋32'12	
min. Earth dist.	-3362 Jul 18 j 05:38	2°♋20'09	0.63618 AU
inferior conj	-3362 Jul 20 j 20:13	29°♊39'15	-3°-45'-29
minimum elong	-3362 Jul 21 j 00:00	29°♊29'28	3°44'36
	-3362 Jul 20 j 12:12	30°℞♊	
morning rise	-3362 Jul 27 j 11:08	24°♊20'12	
direct	-3362 Jul 30 j 01:35	23°♊46'53	
asc. node	-3362 Aug 03 j 13:22	25°♊26'00	
morning max el	-3362 Aug 05 j 14:34	27°♊11'46	17°57'49
	-3362 Aug 08 j 01:55	0°♋	
morning set	-3362 Aug 22 j 12:47	23°♋18'43	
	-3362 Aug 26 j 09:36	0°♌	
superior conj	-3362 Sep 03 j 23:03	14°♌25'29	1°04'39
minimum elong	-3362 Sep 04 j 04:43	14°♌48'49	1°04'05
max. Earth dist.	-3362 Sep 09 j 21:03	24°♌02'30	1.43875 AU
	-3362 Sep 13 j 14:57	0°♍	
desc. node	-3362 Sep 14 j 13:43	1°♍29'41	
evening rise	-3362 Sep 19 j 23:27	9°♍55'17	
	-3362 Oct 03 j 05:49	0°♎	
greatest brilliancy	-3362 Oct 12 j 05:49	12°♎44'19	-0.5m
evening max el	-3362 Oct 18 j 06:14	19°♎56'41	20°39'00
retrograde	-3362 Oct 26 j 09:16	24°♎44'44	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3362 Oct 30 j 04:17	23°♎22'02	
asc. node	-3362 Oct 30 j 12:23	23°♎06'34	
inferior conj	-3362 Nov 04 j 15:27	17°♎11'38	1°41'46
minimum elong	-3362 Nov 04 j 13:16	17°♎19'02	1°40'54
min. Earth dist.	-3362 Nov 05 j 05:51	16°♎22'45	0.66984 AU
morning rise	-3362 Nov 09 j 21:48	10°♎54'53	
direct	-3362 Nov 15 j 08:07	8°♎34'19	
morning max el	-3362 Nov 26 j 12:37	15°♎14'29	24°23'05
	-3362 Dec 08 j 15:46	0°♏	
desc. node	-3362 Dec 11 j 13:23	4°♏02'30	
	-3362 Dec 28 j 08:20	0°♐	
morning set	-3361 Jan 01 j 08:30	6°♐50'13	
max. Earth dist.	-3361 Jan 05 j 04:21	13°♐37'20	1.37912 AU
superior conj	-3361 Jan 12 j 01:59	26°♐30'16	-1°-48'-44
minimum elong	-3361 Jan 12 j 04:30	26°♐42'25	1°48'43
	-3361 Jan 13 j 21:17	0°♑	
evening rise	-3361 Jan 20 j 18:42	13°♑36'58	
asc. node	-3361 Jan 26 j 11:35	24°♑34'44	
	-3361 Jan 29 j 13:51	0°♒	
evening max el	-3361 Feb 06 j 11:31	10°♒32'41	19°05'18
retrograde	-3361 Feb 15 j 02:57	14°♒41'02	
evening set	-3361 Feb 17 j 11:17	14°♒24'01	
inferior conj	-3361 Feb 25 j 12:54	10°♒10'08	2°57'53
minimum elong	-3361 Feb 25 j 17:43	10°♒01'46	2°56'40
min. Earth dist.	-3361 Feb 28 j 14:49	8°♒02'37	0.57028 AU
morning rise	-3361 Mar 05 j 20:15	5°♒10'37	
desc. node	-3361 Mar 09 j 12:30	4°♒13'32	
direct	-3361 Mar 10 j 23:41	4°♒08'24	
morning max el	-3361 Mar 25 j 05:09	11°♒27'56	25°27'33
	-3361 Apr 08 j 10:16	0°♓	
morning set	-3361 Apr 21 j 06:18	24°♓04'14	
asc. node	-3361 Apr 24 j 11:05	0°♈53'54	
	-3361 Apr 24 j 01:06	0°♈	
superior conj	-3361 Apr 28 j 07:19	9°♈15'50	0°39'15
minimum elong	-3361 Apr 28 j 05:40	9°♈06'51	0°38'56
max. Earth dist.	-3361 Apr 29 j 05:51	11°♈18'30	1.32848 AU
evening rise	-3361 May 05 j 11:52	24°♈35'27	
	-3361 May 08 j 04:10	0°♉	
	-3361 May 25 j 20:45	0°♊	
desc. node	-3361 Jun 05 j 11:20	12°♊47'36	
evening max el	-3361 Jun 06 j 02:17	13°♊23'53	27°12'47
retrograde	-3361 Jun 20 j 00:12	20°♊46'04	
evening set	-3361 Jun 27 j 01:01	18°♊27'19	
min. Earth dist.	-3361 Jun 30 j 15:52	15°♊39'10	0.61784 AU
inferior conj	-3361 Jul 03 j 18:42	12°♊48'39	-4°-13'-46
minimum elong	-3361 Jul 03 j 21:14	12°♊42'50	4°13'23
morning rise	-3361 Jul 10 j 20:11	7°♊50'13	
direct	-3361 Jul 13 j 08:20	7°♊23'15	
morning max el	-3361 Jul 20 j 04:48	10°♊49'06	17°58'31
asc. node	-3361 Jul 21 j 10:27	12°♊06'46	
	-3361 Aug 01 j 22:24	0°♋	
morning set	-3361 Aug 05 j 06:37	6°♋03'26	
superior conj	-3361 Aug 16 j 00:03	25°♋13'20	1°32'19
minimum elong	-3361 Aug 16 j 04:33	25°♋32'48	1°32'03
	-3361 Aug 18 j 18:54	0°♌	
max. Earth dist.	-3361 Aug 23 j 08:18	7°♌37'23	1.42456 AU
evening rise	-3361 Aug 30 j 07:12	18°♌49'29	
desc. node	-3361 Sep 01 j 10:39	22°♌11'09	
	-3361 Sep 06 j 12:39	0°♍	
greatest brilliancy	-3361 Sep 26 j 06:11	27°♍51'42	-0.4m
	-3361 Sep 28 j 00:45	0°♎	
evening max el	-3361 Oct 01 j 02:23	3°♎22'28	21°51'42
retrograde	-3361 Oct 10 j 05:27	8°♎48'02	
evening set	-3361 Oct 14 j 12:18	7°♎07'32	
asc. node	-3361 Oct 17 j 09:29	4°♎09'28	
inferior conj	-3361 Oct 19 j 21:23	0°♎50'05	0°50'59
minimum elong	-3361 Oct 19 j 20:14	0°♎54'06	0°50'30
min. Earth dist.	-3361 Oct 20 j 01:05	0°♎37'20	0.67371 AU
	-3361 Oct 20 j 11:54	30°℞♍	
morning rise	-3361 Oct 25 j 03:55	24°♍33'17	
direct	-3361 Oct 29 j 22:56	22°♍34'01	
morning max el	-3361 Nov 08 j 22:41	28°♍31'30	22°56'18
	-3361 Nov 10 j 08:26	0°♎	
greatest brilliancy	-3361 Nov 13 j 19:02	3°♎58'16	-0.3m
desc. node	-3361 Nov 28 j 10:23	24°♎00'53	
	-3361 Dec 02 j 10:03	0°♏	
morning set	-3361 Dec 13 j 05:07	17°♏07'16	
max. Earth dist.	-3361 Dec 18 j 00:03	25°♏11'02	1.39990 AU
	-3361 Dec 20 j 18:37	0°♐	
superior conj	-3361 Dec 25 j 17:34	8°♐53'13	-1°-55'-50
minimum elong	-3361 Dec 25 j 17:57	8°♐55'01	1°55'58
evening rise	-3360 Jan 04 j 09:46	27°♐05'35	
	-3360 Jan 05 j 22:25	0°♑	
asc. node	-3360 Jan 13 j 08:36	13°♑23'17	
evening max el	-3360 Jan 20 j 14:59	23°♑07'39	18°27'25
retrograde	-3360 Jan 28 j 02:54	26°♑48'24	
evening set	-3360 Jan 30 j 14:27	26°♑25'28	
inferior conj	-3360 Feb 06 j 23:44	21°♑51'28	3°45'39
minimum elong	-3360 Feb 07 j 02:30	21°♑45'52	3°45'13
min. Earth dist.	-3360 Feb 10 j 09:23	19°♑07'42	0.58894 AU
morning rise	-3360 Feb 14 j 11:02	16°♑26'28	
direct	-3360 Feb 20 j 16:36	14°♑45'49	
desc. node	-3360 Feb 24 j 09:36	15°♑20'24	
morning max el	-3360 Mar 05 j 23:08	22°♑21'05	26°44'56
	-3360 Mar 12 j 17:43	0°♒	
	-3360 Mar 31 j 05:56	0°♓	
morning set	-3360 Apr 04 j 16:55	9°♓00'53	
asc. node	-3360 Apr 10 j 08:04	21°♓06'00	
superior conj	-3360 Apr 11 j 18:59	24°♓17'04	0°15'13
minimum elong	-3360 Apr 11 j 18:18	24°♓13'23	0°15'03
behind sun begin	-3360 Apr 11 j 16:49	24°♓05'13	
behind sun end	-3360 Apr 11 j 19:48	24°♓21'33	
max. Earth dist.	-3360 Apr 11 j 18:45	24°♓15'50	1.32551 AU
	-3360 Apr 14 j 09:44	0°♈	
evening rise	-3360 Apr 18 j 19:37	9°♈25'55	
	-3360 Apr 29 j 13:23	0°♉	
evening max el	-3360 May 18 j 03:46	25°♉18'01	26°27'51
desc. node	-3360 May 22 j 08:25	28°♉49'58	
	-3360 May 24 j 02:18	0°♊	
retrograde	-3360 Jun 01 j 05:31	2°♊36'29	
evening set	-3360 Jun 07 j 15:42	0°♊51'50	
	-3360 Jun 09 j 03:14	30°℞♉	
min. Earth dist.	-3360 Jun 11 j 17:00	28°♉11'31	0.59752 AU
inferior conj	-3360 Jun 15 j 01:54	25°♉30'52	-4°-23'-6
minimum elong	-3360 Jun 15 j 01:40	25°♉31'21	4°23'01
morning rise	-3360 Jun 22 j 15:09	20°♉54'25	
direct	-3360 Jun 25 j 02:33	20°♉32'08	
morning max el	-3360 Jul 02 j 15:18	24°♉09'53	18°18'38
asc. node	-3360 Jul 07 j 07:30	29°♉47'45	
	-3360 Jul 07 j 10:55	0°♊	
morning set	-3360 Jul 18 j 15:18	19°♊32'13	
	-3360 Jul 24 j 03:57	0°♋	
superior conj	-3360 Jul 28 j 02:09	7°♋16'01	1°46'09
minimum elong	-3360 Jul 28 j 04:02	7°♋24'39	1°46'12
max. Earth dist.	-3360 Aug 04 j 13:47	20°♋30'38	1.40644 AU
evening rise	-3360 Aug 09 j 10:07	28°♋38'36	
	-3360 Aug 10 j 05:59	0°♌	
desc. node	-3360 Aug 18 j 07:37	12°♌45'36	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3360 Aug 30 j 02:32	0°♍	
greatest brilliancy	-3360 Sep 07 j 01:42	10°♍27'51	-0.2m
evening max el	-3360 Sep 12 j 17:14	16°♍49'06	23°11'15
retrograde	-3360 Sep 22 j 22:56	22°♍52'47	
evening set	-3360 Sep 27 j 19:33	20°♍53'02	
inferior conj	-3360 Oct 03 j 04:06	14°♍32'11	0°-2'-7
minimum elong	-3360 Oct 03 j 04:08	14°♍32'01	0°02'05
transit middle	-3360 Oct 03 j 04:08	14°♍32'01	0°02'05
transit begin	-3360 Oct 03 j 01:27	14°♍41'15	
transit end	-3360 Oct 03 j 06:49	14°♍22'48	
min. Earth dist.	-3360 Oct 02 j 21:35	14°♍54'35	0.67457 AU
asc. node	-3360 Oct 03 j 06:35	14°♍23'38	
morning rise	-3360 Oct 08 j 12:43	8°♍18'27	
direct	-3360 Oct 12 j 17:34	6°♍40'43	
morning max el	-3360 Oct 21 j 13:21	11°♍53'43	21°32'50
greatest brilliancy	-3360 Oct 26 j 16:13	17°♍47'00	-0.4m
	-3360 Nov 04 j 15:43	0°♎	
desc. node	-3360 Nov 14 j 07:20	14°♎17'32	
morning set	-3360 Nov 21 j 21:15	26°♎02'58	
	-3360 Nov 24 j 08:46	0°♏	
max. Earth dist.	-3360 Nov 29 j 01:05	7°♏36'38	1.41966 AU
superior conj	-3360 Dec 06 j 12:01	20°♏12'40	-1°-51'-8
minimum elong	-3360 Dec 06 j 08:49	19°♏58'50	1°51'06
	-3360 Dec 12 j 01:13	0°♐	
evening rise	-3360 Dec 17 j 12:32	9°♐55'16	
	-3360 Dec 29 j 03:36	0°♑	
asc. node	-3360 Dec 30 j 05:38	1°♑33'29	
evening max el	-3359 Jan 03 j 00:21	6°♑06'00	18°09'34
retrograde	-3359 Jan 09 j 19:50	9°♑34'24	
evening set	-3359 Jan 12 j 10:28	9°♑04'18	
inferior conj	-3359 Jan 19 j 06:01	4°♑08'12	4°01'08
minimum elong	-3359 Jan 19 j 06:04	4°♑08'03	4°01'00
min. Earth dist.	-3359 Jan 22 j 09:54	1°♑12'17	0.60920 AU
	-3359 Jan 23 j 19:47	30°℞♐	
morning rise	-3359 Jan 25 j 23:04	28°♐25'28	
direct	-3359 Feb 01 j 20:19	26°♐08'41	
desc. node	-3359 Feb 10 j 06:41	29°♐07'58	
	-3359 Feb 11 j 12:15	0°♑	
morning max el	-3359 Feb 15 j 23:08	3°♑51'07	27°31'52
	-3359 Mar 07 j 07:19	0°♒	
morning set	-3359 Mar 20 j 00:15	23°♒46'10	
	-3359 Mar 22 j 23:36	0°♓	
max. Earth dist.	-3359 Mar 26 j 07:29	7°♓10'41	1.32601 AU
superior conj	-3359 Mar 27 j 06:21	9°♓15'20	0°-9'-55
minimum elong	-3359 Mar 27 j 06:48	9°♓17'47	0°09'52
behind sun begin	-3359 Mar 27 j 02:49	8°♓56'06	
behind sun end	-3359 Mar 27 j 10:46	9°♓39'29	
asc. node	-3359 Mar 28 j 05:04	11°♓19'25	
evening rise	-3359 Apr 03 j 06:19	24°♓23'21	
	-3359 Apr 05 j 23:29	0°♈	
	-3359 Apr 24 j 02:07	0°♉	
evening max el	-3359 Apr 29 j 23:10	6°♉31'36	25°14'35
desc. node	-3359 May 09 j 05:30	12°♉47'41	
retrograde	-3359 May 14 j 00:29	13°♉41'09	
evening set	-3359 May 19 j 08:24	12°♉35'09	
min. Earth dist.	-3359 May 24 j 11:23	9°♉46'00	0.57772 AU
inferior conj	-3359 May 27 j 14:27	7°♉37'04	-4°-3'-33
minimum elong	-3359 May 27 j 10:30	7°♉43'55	4°02'59
morning rise	-3359 Jun 04 j 16:37	3°♉21'41	
direct	-3359 Jun 07 j 04:14	3°♉03'01	
morning max el	-3359 Jun 15 j 19:12	7°♉05'25	18°58'58
asc. node	-3359 Jun 24 j 04:33	18°♉15'40	
	-3359 Jun 30 j 14:43	0°♊	
morning set	-3359 Jul 02 j 10:43	3°♊34'49	
superior conj	-3359 Jul 10 j 23:45	20°♊18'30	1°48'40
minimum elong	-3359 Jul 10 j 23:19	20°♊16'26	1°48'48
	-3359 Jul 16 j 03:54	0°♋	
max. Earth dist.	-3359 Jul 17 j 16:05	2°♋44'06	1.38686 AU
evening rise	-3359 Jul 21 j 15:04	9°♋43'09	
	-3359 Aug 03 j 02:38	0°♌	
desc. node	-3359 Aug 05 j 04:37	3°♌08'40	
	-3359 Aug 25 j 21:24	0°♍	
evening max el	-3359 Aug 26 j 04:56	0°♍18'48	24°31'18
retrograde	-3359 Sep 06 j 12:40	6°♍56'12	
evening set	-3359 Sep 12 j 00:18	4°♍37'15	
	-3359 Sep 16 j 02:52	30°℞♌	
min. Earth dist.	-3359 Sep 16 j 16:53	29°♌13'27	0.67238 AU
inferior conj	-3359 Sep 17 j 09:52	28°♌16'35	0°-55'-56
minimum elong	-3359 Sep 17 j 11:11	28°♌12'09	0°55'20
asc. node	-3359 Sep 20 j 03:41	24°♌47'00	
morning rise	-3359 Sep 22 j 22:21	22°♌09'08	
direct	-3359 Sep 26 j 14:45	20°♌51'09	
morning max el	-3359 Oct 04 j 11:05	25°♌25'01	20°18'59
	-3359 Oct 08 j 10:50	0°♍	
greatest brilliancy	-3359 Oct 11 j 04:41	3°♍35'13	-0.6m
	-3359 Oct 29 j 01:54	0°♎	
morning set	-3359 Oct 31 j 19:59	4°♎14'58	
desc. node	-3359 Nov 01 j 04:17	4°♎47'09	
max. Earth dist.	-3359 Nov 11 j 10:11	20°♎56'00	1.43564 AU
superior conj	-3359 Nov 17 j 04:08	0°♏16'38	-1°-30'-48
minimum elong	-3359 Nov 16 j 21:26	29°♎49'06	1°30'17
	-3359 Nov 17 j 00:05	0°♏	
evening rise	-3359 Nov 29 j 22:51	21°♏57'42	
	-3359 Dec 04 j 13:58	0°♐	
asc. node	-3359 Dec 17 j 02:42	18°♐53'25	
evening max el	-3359 Dec 17 j 12:36	19°♐19'01	18°11'07
retrograde	-3359 Dec 24 j 01:39	22°♐48'05	
evening set	-3359 Dec 26 j 19:36	22°♐09'52	
inferior conj	-3358 Jan 02 j 04:12	16°♐52'29	3°52'57
minimum elong	-3358 Jan 02 j 02:15	16°♐57'37	3°52'37
min. Earth dist.	-3358 Jan 04 j 19:13	14°♐06'36	0.62828 AU
morning rise	-3358 Jan 08 j 07:06	10°♐57'02	
direct	-3358 Jan 15 j 08:26	8°♐16'03	
desc. node	-3358 Jan 28 j 03:45	15°♐00'46	
morning max el	-3358 Jan 29 j 04:53	16°♐01'09	27°42'46
	-3358 Feb 09 j 18:19	0°♑	
	-3358 Feb 27 j 21:47	0°♒	
morning set	-3358 Mar 04 j 02:02	8°♒11'08	
max. Earth dist.	-3358 Mar 09 j 16:02	19°♒47'46	1.33015 AU
superior conj	-3358 Mar 11 j 15:39	24°♒03'25	0°-35'-16
minimum elong	-3358 Mar 11 j 17:15	24°♒11'59	0°35'01
	-3358 Mar 14 j 09:34	0°♓	
asc. node	-3358 Mar 15 j 02:04	1°♓29'13	
evening rise	-3358 Mar 18 j 18:01	9°♓19'29	
	-3358 Mar 29 j 13:46	0°♈	
evening max el	-3358 Apr 11 j 14:51	17°♈16'43	23°43'50
retrograde	-3358 Apr 25 j 07:06	24°♈06'14	
desc. node	-3358 Apr 26 j 02:38	24°♈04'45	
evening set	-3358 Apr 29 j 06:39	23°♈31'18	
min. Earth dist.	-3358 May 06 j 02:02	20°♈20'02	0.56163 AU
inferior conj	-3358 May 08 j 06:50	19°♈00'11	-3°-5'-12
minimum elong	-3358 May 08 j 00:41	19°♈09'32	3°03'38
morning rise	-3358 May 16 j 22:21	15°♈00'34	
direct	-3358 May 19 j 10:58	14°♈44'22	
morning max el	-3358 May 29 j 13:50	19°♈25'57	19°59'53
	-3358 Jun 06 j 20:15	0°♉	
asc. node	-3358 Jun 11 j 01:35	7°♉18'41	
morning set	-3358 Jun 16 j 13:38	18°♉02'09	
	-3358 Jun 22 j 10:46	0°♊	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3358 Jun 24 j 11:29	4°♊05'12	1°42'35
minimum elong	-3358 Jun 24 j 09:33	3°♊55'35	1°42'34
max. Earth dist.	-3358 Jun 29 j 20:05	14°♊33'08	1.36821 AU
evening rise	-3358 Jul 03 j 19:46	21°♊58'01	
	-3358 Jul 08 j 08:39	0°♋	
desc. node	-3358 Jul 23 j 01:39	23°♋14'27	
	-3358 Jul 27 j 22:20	0°♌	
evening max el	-3358 Aug 08 j 15:44	13°♌50'52	25°44'22
retrograde	-3358 Aug 20 j 22:02	20°♌53'43	
evening set	-3358 Aug 27 j 00:42	18°♌18'18	
min. Earth dist.	-3358 Aug 31 j 08:35	13°♌31'49	0.66689 AU
inferior conj	-3358 Sep 01 j 12:56	12°♌01'12	-1°-48'-50
minimum elong	-3358 Sep 01 j 15:28	11°♌53'04	1°47'46
morning rise	-3358 Sep 07 j 06:54	6°♌03'13	
asc. node	-3358 Sep 07 j 00:46	6°♌13'10	
direct	-3358 Sep 10 j 12:59	5°♌02'02	
morning max el	-3358 Sep 17 j 16:07	9°♌05'31	19°18'36
greatest brilliancy	-3358 Sep 28 j 02:40	22°♌54'39	-0.7m
	-3358 Oct 02 j 18:19	0°♍	
morning set	-3358 Oct 11 j 00:30	12°♍51'17	
desc. node	-3358 Oct 19 j 01:15	25°♍25'38	
	-3358 Oct 21 j 23:06	0°♎	
max. Earth dist.	-3358 Oct 25 j 01:25	4°♎53'01	1.44565 AU
superior conj	-3358 Oct 27 j 17:55	9°♎08'37	0°-53'-35
minimum elong	-3358 Oct 27 j 11:37	8°♎43'38	0°52'52
	-3358 Nov 09 j 15:27	0°♏	
evening rise	-3358 Nov 11 j 12:12	3°♏04'29	
	-3358 Nov 28 j 16:51	0°♐	
evening max el	-3358 Dec 01 j 01:01	2°♐40'50	18°31'13
asc. node	-3358 Dec 03 j 23:47	5°♐09'17	
retrograde	-3358 Dec 07 j 15:59	6°♐21'16	
evening set	-3358 Dec 10 j 14:23	5°♐33'35	
inferior conj	-3358 Dec 16 j 14:29	29°♏57'23	3°28'25
minimum elong	-3358 Dec 16 j 11:34	0°♐05'57	3°27'43
	-3358 Dec 16 j 13:36	30°℞♏	
min. Earth dist.	-3358 Dec 18 j 14:41	27°♏36'44	0.64448 AU
morning rise	-3358 Dec 22 j 07:28	23°♏52'30	
direct	-3358 Dec 29 j 03:46	21°♏02'08	
morning max el	-3357 Jan 11 j 14:05	28°♏44'15	27°18'31
	-3357 Jan 12 j 19:48	0°♐	
desc. node	-3357 Jan 15 j 00:48	2°♐24'26	
	-3357 Feb 03 j 13:20	0°♑	
morning set	-3357 Feb 15 j 19:27	22°♑06'45	
	-3357 Feb 19 j 18:05	0°♒	
max. Earth dist.	-3357 Feb 20 j 16:27	1°♒54'48	1.33831 AU
superior conj	-3357 Feb 23 j 21:05	8°♒35'14	0°-59'-49
minimum elong	-3357 Feb 23 j 23:40	8°♒48'53	0°59'28
asc. node	-3357 Mar 01 j 23:06	21°♒31'16	
evening rise	-3357 Mar 03 j 04:57	24°♒08'09	
	-3357 Mar 06 j 01:29	0°♓	
evening max el	-3357 Mar 24 j 08:55	28°♓00'36	22°09'53
	-3357 Mar 26 j 15:25	0°♈	
retrograde	-3357 Apr 06 j 02:13	4°♈12'14	
evening set	-3357 Apr 08 j 22:44	3°♈54'10	
desc. node	-3357 Apr 12 j 23:45	2°♈33'33	
min. Earth dist.	-3357 Apr 17 j 15:50	0°♈07'59	0.55251 AU
	-3357 Apr 17 j 21:30	30°℞♓	
inferior conj	-3357 Apr 18 j 07:02	29°♓46'31	-1°-27'-28
minimum elong	-3357 Apr 18 j 03:05	29°♓52'06	1°26'10
morning rise	-3357 Apr 27 j 09:03	25°♓49'17	
direct	-3357 Apr 30 j 02:16	25°♓32'38	
	-3357 May 10 j 16:06	0°♈	
morning max el	-3357 May 11 j 21:46	1°♈05'41	21°19'57
asc. node	-3357 May 28 j 22:37	26°♈48'09	
	-3357 May 30 j 12:52	0°♉	
morning set	-3357 May 31 j 21:34	2°♉47'15	
superior conj	-3357 Jun 08 j 09:10	18°♉23'51	1°30'06
minimum elong	-3357 Jun 08 j 06:34	18°♉10'28	1°29'53
max. Earth dist.	-3357 Jun 12 j 07:21	26°♉23'57	1.35238 AU
	-3357 Jun 14 j 02:56	0°♊	
evening rise	-3357 Jun 16 j 19:07	5°♊10'01	
	-3357 Jul 01 j 03:18	0°♋	
desc. node	-3357 Jul 09 j 22:43	12°♋54'55	
evening max el	-3357 Jul 22 j 02:55	27°♋20'32	26°42'23
	-3357 Jul 25 j 01:51	0°♌	
retrograde	-3357 Aug 04 j 02:34	4°♌38'24	
evening set	-3357 Aug 10 j 18:26	1°♌52'54	
	-3357 Aug 12 j 18:09	30°℞♋	
min. Earth dist.	-3357 Aug 14 j 18:21	27°♋44'58	0.65786 AU
inferior conj	-3357 Aug 16 j 11:19	25°♋42'34	-2°-38'-53
minimum elong	-3357 Aug 16 j 14:49	25°♋32'05	2°37'38
morning rise	-3357 Aug 22 j 12:17	19°♋57'11	
asc. node	-3357 Aug 24 j 21:52	19°♋10'53	
direct	-3357 Aug 25 j 10:23	19°♋09'21	
morning max el	-3357 Sep 01 j 02:53	22°♋51'28	18°33'45
	-3357 Sep 06 j 19:37	0°♌	
morning set	-3357 Sep 21 j 04:34	22°♌38'09	
	-3357 Sep 25 j 18:20	0°♍	
desc. node	-3357 Oct 05 j 22:13	16°♍08'57	
superior conj	-3357 Oct 06 j 17:42	17°♍25'45	0°-5'-11
minimum elong	-3357 Oct 06 j 17:01	17°♍23'03	0°05'04
behind sun begin	-3357 Oct 06 j 06:08	16°♍40'09	
behind sun end	-3357 Oct 07 j 03:54	18°♍05'57	
max. Earth dist.	-3357 Oct 07 j 19:14	19°♍06'21	1.44859 AU
	-3357 Oct 14 j 17:22	0°♎	
evening rise	-3357 Oct 23 j 00:58	13°♎07'54	
	-3357 Nov 02 j 17:40	0°♏	
evening max el	-3357 Nov 14 j 11:04	16°♏06'31	19°08'48
asc. node	-3357 Nov 20 j 20:53	20°♏05'10	
retrograde	-3357 Nov 21 j 11:07	20°♏07'10	
evening set	-3357 Nov 24 j 15:47	19°♏07'59	
inferior conj	-3357 Nov 30 j 09:29	13°♏16'04	2°52'41
minimum elong	-3357 Nov 30 j 06:24	13°♏25'48	2°51'44
min. Earth dist.	-3357 Dec 01 j 19:27	11°♏28'56	0.65715 AU
morning rise	-3357 Dec 05 j 20:07	7°♏04'31	
direct	-3357 Dec 12 j 05:33	4°♏18'20	
morning max el	-3357 Dec 24 j 23:48	11°♏46'59	26°25'02
desc. node	-3356 Jan 01 j 21:50	20°♏51'56	
	-3356 Jan 08 j 15:35	0°♐	
	-3356 Jan 27 j 03:13	0°♑	
morning set	-3356 Jan 30 j 00:42	5°♑20'51	
max. Earth dist.	-3356 Feb 03 j 05:22	13°♑25'15	1.35089 AU
superior conj	-3356 Feb 07 j 20:20	22°♑43'35	-1°-22'-14
minimum elong	-3356 Feb 07 j 23:32	22°♑59'58	1°21'56
	-3356 Feb 11 j 08:39	0°♒	
evening rise	-3356 Feb 15 j 13:17	8°♒42'53	
asc. node	-3356 Feb 16 j 20:08	11°♒20'44	
	-3356 Feb 27 j 02:39	0°♓	
evening max el	-3356 Mar 05 j 11:20	9°♓08'57	20°44'58
retrograde	-3356 Mar 16 j 15:50	14°♓29'05	
evening set	-3356 Mar 18 j 23:43	14°♓16'08	
inferior conj	-3356 Mar 28 j 02:19	10°♓18'36	0°29'33
minimum elong	-3356 Mar 28 j 03:39	10°♓16'39	0°29'02
min. Earth dist.	-3356 Mar 29 j 06:04	9°♓38'38	0.55251 AU
desc. node	-3356 Mar 29 j 20:51	9°♓17'35	
morning rise	-3356 Apr 06 j 06:04	6°♓05'13	
direct	-3356 Apr 09 j 14:16	5°♓40'54	
morning max el	-3356 Apr 22 j 19:36	12°♓06'26	22°54'27
	-3356 May 06 j 03:26	0°♈	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3356 May 14 j 19:39	16°♈37'11	
morning set	-3356 May 15 j 08:32	17°♈44'14	
	-3356 May 21 j 02:58	0°♉	
superior conj	-3356 May 22 j 13:38	3°♉04'51	1°12'55
minimum elong	-3356 May 22 j 11:03	2°♉51'05	1°12'34
max. Earth dist.	-3356 May 25 j 04:36	8°♉36'51	1.34022 AU
evening rise	-3356 May 30 j 08:11	19°♉05'11	
	-3356 Jun 05 j 02:18	0°♊	
	-3356 Jun 24 j 06:25	0°♋	
desc. node	-3356 Jun 25 j 19:47	1°♋59'22	
evening max el	-3356 Jul 03 j 14:13	10°♋39'38	27°17'41
retrograde	-3356 Jul 17 j 01:41	18°♋02'54	
evening set	-3356 Jul 24 j 02:47	15°♋17'30	
min. Earth dist.	-3356 Jul 27 j 20:09	11°♋46'26	0.64510 AU
inferior conj	-3356 Jul 30 j 02:43	9°♋17'09	-3°-23'-35
minimum elong	-3356 Jul 30 j 06:39	9°♋06'21	3°22'28
morning rise	-3356 Aug 05 j 12:08	3°♋47'25	
direct	-3356 Aug 08 j 04:39	3°♋09'39	
asc. node	-3356 Aug 10 j 18:57	3°♋44'44	
morning max el	-3356 Aug 14 j 17:03	6°♋38'41	18°05'47
	-3356 Aug 30 j 07:01	0°♌	
morning set	-3356 Sep 01 j 12:11	3°♌44'42	
superior conj	-3356 Sep 15 j 01:57	26°♌11'46	0°42'11
minimum elong	-3356 Sep 15 j 06:35	26°♌30'26	0°41'39
	-3356 Sep 17 j 10:50	0°♍	
max. Earth dist.	-3356 Sep 19 j 12:38	3°♍18'21	1.44431 AU
desc. node	-3356 Sep 21 j 19:12	6°♍54'15	
evening rise	-3356 Oct 01 j 15:13	22°♍14'53	
	-3356 Oct 06 j 15:58	0°♎	
greatest brilliancy	-3356 Oct 20 j 12:49	20°♎38'51	-0.6m
evening max el	-3356 Oct 27 j 16:43	29°♎33'33	20°02'10
	-3356 Oct 28 j 03:10	0°♏	
retrograde	-3356 Nov 04 j 08:13	4°♏02'09	
asc. node	-3356 Nov 06 j 17:57	3°♏28'36	
evening set	-3356 Nov 07 j 21:21	2°♏48'51	
	-3356 Nov 10 j 20:51	30°℞♎	
inferior conj	-3356 Nov 13 j 10:27	26°♎44'28	2°09'16
minimum elong	-3356 Nov 13 j 07:49	26°♎53'13	2°08'18
min. Earth dist.	-3356 Nov 14 j 07:38	25°♎34'01	0.66624 AU
morning rise	-3356 Nov 18 j 17:39	20°♎28'55	
direct	-3356 Nov 24 j 12:55	17°♎56'57	
morning max el	-3356 Dec 06 j 08:32	24°♎58'09	25°11'01
	-3356 Dec 10 j 22:27	0°♏	
desc. node	-3356 Dec 18 j 18:51	10°♏04'39	
	-3355 Jan 01 j 03:14	0°♐	
morning set	-3355 Jan 11 j 12:42	17°♐38'41	
max. Earth dist.	-3355 Jan 15 j 06:59	24°♐31'27	1.36785 AU
	-3355 Jan 18 j 04:27	0°♑	
superior conj	-3355 Jan 21 j 10:31	6°♑20'04	-1°-40'-46
minimum elong	-3355 Jan 21 j 13:36	6°♑35'18	1°40'38
evening rise	-3355 Jan 29 j 16:57	22°♑57'34	
	-3355 Feb 02 j 06:21	0°♒	
asc. node	-3355 Feb 02 j 17:10	0°♒52'05	
evening max el	-3355 Feb 16 j 00:24	20°♒52'53	19°36'11
retrograde	-3355 Feb 25 j 12:05	25°♒23'24	
evening set	-3355 Feb 27 j 19:08	25°♒08'48	
inferior conj	-3355 Mar 08 j 06:43	21°♒04'26	2°13'18
minimum elong	-3355 Mar 08 j 11:26	20°♒56'53	2°11'51
min. Earth dist.	-3355 Mar 10 j 20:40	19°♒26'00	0.56170 AU
desc. node	-3355 Mar 16 j 17:57	16°♒27'54	
morning rise	-3355 Mar 17 j 00:13	16°♒22'38	
direct	-3355 Mar 21 j 10:55	15°♒38'09	
morning max el	-3355 Apr 04 j 11:08	22°♒42'34	24°33'45
	-3355 Apr 10 j 21:57	0°♓	
	-3355 Apr 28 j 12:47	0°♈	
morning set	-3355 Apr 29 j 20:42	2°♈46'07	
asc. node	-3355 May 01 j 16:40	6°♈39'09	
superior conj	-3355 May 06 j 22:25	17°♈59'02	0°52'17
minimum elong	-3355 May 06 j 20:19	17°♈47'41	0°51'55
max. Earth dist.	-3355 May 08 j 10:38	21°♈14'36	1.33179 AU
	-3355 May 12 j 13:57	0°♉	
evening rise	-3355 May 14 j 06:51	3°♉29'51	
	-3355 May 28 j 21:00	0°♊	
desc. node	-3355 Jun 12 j 16:50	20°♊11'44	
evening max el	-3355 Jun 15 j 23:44	23°♊34'59	27°23'55
	-3355 Jun 25 j 03:28	0°♋	
retrograde	-3355 Jun 29 j 18:33	0°♋57'30	
	-3355 Jul 04 j 04:14	30°℞♊	
evening set	-3355 Jul 06 j 22:10	28°♊25'17	
min. Earth dist.	-3355 Jul 10 j 12:16	25°♊24'42	0.62872 AU
inferior conj	-3355 Jul 13 j 08:18	22°♊38'00	-3°-59'-19
minimum elong	-3355 Jul 13 j 11:44	22°♊29'33	3°58'39
morning rise	-3355 Jul 20 j 03:32	17°♊27'06	
direct	-3355 Jul 22 j 16:47	16°♊56'40	
asc. node	-3355 Jul 28 j 16:01	19°♊43'18	
morning max el	-3355 Jul 29 j 07:58	20°♊20'58	17°55'45
	-3355 Aug 05 j 12:51	0°♋	
morning set	-3355 Aug 14 j 19:09	15°♋57'59	
	-3355 Aug 22 j 19:31	0°♌	
superior conj	-3355 Aug 26 j 10:45	6°♌10'58	1°18'11
minimum elong	-3355 Aug 26 j 16:17	6°♌34'10	1°17'42
max. Earth dist.	-3355 Sep 02 j 03:08	17°♌12'39	1.43337 AU
desc. node	-3355 Sep 08 j 16:11	27°♌38'00	
	-3355 Sep 10 j 04:31	0°♍	
evening rise	-3355 Sep 10 j 19:37	0°♍58'42	
	-3355 Sep 30 j 07:39	0°♎	
greatest brilliancy	-3355 Oct 05 j 07:36	6°♎43'31	-0.5m
evening max el	-3355 Oct 10 j 16:33	13°♎00'11	21°08'52
retrograde	-3355 Oct 19 j 05:09	18°♎03'13	
evening set	-3355 Oct 23 j 05:01	16°♎33'12	
asc. node	-3355 Oct 24 j 15:01	15°♎17'54	
inferior conj	-3355 Oct 28 j 15:07	10°♎19'37	1°20'38
minimum elong	-3355 Oct 28 j 13:20	10°♎25'43	1°19'54
min. Earth dist.	-3355 Oct 29 j 00:53	9°♎46'10	0.67189 AU
morning rise	-3355 Nov 02 j 21:18	4°♎02'43	
direct	-3355 Nov 08 j 01:10	1°♎50'52	
morning max el	-3355 Nov 18 j 17:19	8°♎12'57	23°46'18
desc. node	-3355 Dec 05 j 15:51	29°♎49'24	
	-3355 Dec 05 j 18:47	0°♏	
morning set	-3355 Dec 24 j 01:21	28°♏43'48	
	-3355 Dec 24 j 19:12	0°♐	
max. Earth dist.	-3355 Dec 28 j 03:01	5°♐47'07	1.38790 AU
superior conj	-3354 Jan 04 j 11:48	19°♐14'12	-1°-52'-57
minimum elong	-3354 Jan 04 j 13:37	19°♐22'45	1°53'01
	-3354 Jan 10 j 02:21	0°♑	
evening rise	-3354 Jan 13 j 13:30	6°♑45'47	
asc. node	-3354 Jan 20 j 14:11	19°♑59'00	
	-3354 Jan 27 j 02:36	0°♒	
evening max el	-3354 Jan 29 j 23:19	3°♒11'37	18°46'42
retrograde	-3354 Feb 07 j 01:26	7°♒06'05	
evening set	-3354 Feb 09 j 11:19	6°♒46'36	
inferior conj	-3354 Feb 17 j 05:41	2°♒24'24	3°22'35
minimum elong	-3354 Feb 17 j 09:52	2°♒16'40	3°21'42
min. Earth dist.	-3354 Feb 20 j 12:48	29°♑59'08	0.57784 AU
	-3354 Feb 20 j 12:18	30°℞♑	
morning rise	-3354 Feb 25 j 04:40	27°♑13'29	
direct	-3354 Mar 02 j 20:17	25°♑55'38	
desc. node	-3354 Mar 03 j 15:02	25°♑57'08	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3354 Mar 13 j 04:36	0°♒	
morning max el	-3354 Mar 17 j 02:43	3°♒22'18	26°03'31
	-3354 Apr 05 j 05:17	0°♓	
morning set	-3354 Apr 14 j 08:25	17°♓47'01	
asc. node	-3354 Apr 18 j 13:41	26°♓49'10	
	-3354 Apr 20 j 00:40	0°♈	
superior conj	-3354 Apr 21 j 09:32	2°♈59'43	0°29'14
minimum elong	-3354 Apr 21 j 08:17	2°♈52'50	0°28'59
max. Earth dist.	-3354 Apr 21 j 22:19	4°♈09'34	1.32689 AU
evening rise	-3354 Apr 28 j 12:02	18°♈13'45	
	-3354 May 04 j 10:27	0°♉	
	-3354 May 23 j 17:55	0°♊	
evening max el	-3354 May 29 j 04:46	5°♊53'49	26°57'28
desc. node	-3354 May 30 j 13:53	7°♊10'02	
retrograde	-3354 Jun 12 j 04:11	13°♊13'45	
evening set	-3354 Jun 19 j 00:29	11°♊08'20	
min. Earth dist.	-3354 Jun 22 j 18:17	8°♊25'44	0.60941 AU
inferior conj	-3354 Jun 26 j 00:43	5°♊37'05	-4°-20'-33
minimum elong	-3354 Jun 26 j 02:16	5°♊33'44	4°20'22
morning rise	-3354 Jul 03 j 07:03	0°♊47'45	
direct	-3354 Jul 05 j 18:54	0°♊22'46	
morning max el	-3354 Jul 12 j 20:55	3°♊51'56	18°04'38
asc. node	-3354 Jul 15 j 13:05	6°♊51'21	
morning set	-3354 Jul 28 j 19:51	29°♊02'56	
	-3354 Jul 29 j 08:09	0°♋	
superior conj	-3354 Aug 07 j 23:00	17°♋32'06	1°39'45
minimum elong	-3354 Aug 08 j 02:26	17°♋47'17	1°39'39
	-3354 Aug 15 j 04:36	0°♌	
max. Earth dist.	-3354 Aug 15 j 12:25	0°♌32'45	1.41723 AU
evening rise	-3354 Aug 21 j 09:51	10°♌11'24	
desc. node	-3354 Aug 26 j 13:08	18°♌16'58	
	-3354 Sep 03 j 07:13	0°♍	
greatest brilliancy	-3354 Sep 18 j 16:34	21°♍06'23	-0.3m
evening max el	-3354 Sep 23 j 10:14	26°♍25'51	22°25'06
	-3354 Sep 27 j 12:21	0°♎	
retrograde	-3354 Oct 03 j 00:15	2°♎07'32	
evening set	-3354 Oct 07 j 12:54	0°♎18'41	
	-3354 Oct 07 j 21:44	30°℞♍	
asc. node	-3354 Oct 11 j 12:07	25°♍53'40	
inferior conj	-3354 Oct 12 j 21:33	23°♍59'22	0°28'38
minimum elong	-3354 Oct 12 j 20:54	24°♍01'40	0°28'22
min. Earth dist.	-3354 Oct 12 j 20:49	24°♍01'57	0.67443 AU
morning rise	-3354 Oct 18 j 04:47	17°♍43'48	
direct	-3354 Oct 22 j 17:34	15°♍53'58	
morning max el	-3354 Nov 01 j 05:02	21°♍31'51	22°20'04
greatest brilliancy	-3354 Nov 05 j 21:43	26°♍49'43	-0.3m
	-3354 Nov 08 j 10:07	0°♎	
desc. node	-3354 Nov 22 j 12:48	19°♎56'15	
	-3354 Nov 29 j 02:36	0°♏	
morning set	-3354 Dec 04 j 09:30	8°♏24'26	
max. Earth dist.	-3354 Dec 10 j 00:55	17°♏43'32	1.40858 AU
	-3354 Dec 17 j 03:00	0°♐	
superior conj	-3354 Dec 17 j 19:04	1°♐11'39	-1°-55'-33
minimum elong	-3354 Dec 17 j 18:05	1°♐07'14	1°55'38
evening rise	-3354 Dec 27 j 23:49	19°♐59'03	
	-3353 Jan 02 j 09:52	0°♑	
asc. node	-3353 Jan 07 j 11:14	8°♑32'40	
evening max el	-3353 Jan 13 j 05:35	15°♑57'13	18°17'22
retrograde	-3353 Jan 20 j 09:18	19°♑31'22	
evening set	-3353 Jan 22 j 22:07	19°♑05'31	
inferior conj	-3353 Jan 30 j 01:10	14°♑21'49	3°55'39
minimum elong	-3353 Jan 30 j 02:46	14°♑18'24	3°55'25
min. Earth dist.	-3353 Feb 02 j 09:26	11°♑30'08	0.59752 AU
morning rise	-3353 Feb 06 j 04:16	8°♑48'18	
direct	-3353 Feb 12 j 17:42	6°♑51'42	
desc. node	-3353 Feb 18 j 12:07	8°♑15'37	
morning max el	-3353 Feb 26 j 23:19	14°♑30'30	27°09'09
	-3353 Mar 11 j 10:56	0°♒	
	-3353 Mar 28 j 10:50	0°♓	
morning set	-3353 Mar 29 j 17:55	2°♓39'59	
asc. node	-3353 Apr 05 j 10:41	17°♓02'24	
superior conj	-3353 Apr 05 j 21:17	18°♓00'21	0°04'39
minimum elong	-3353 Apr 05 j 21:04	17°♓59'13	0°04'35
behind sun begin	-3353 Apr 05 j 16:16	17°♓32'52	
behind sun end	-3353 Apr 06 j 01:53	18°♓25'35	
max. Earth dist.	-3353 Apr 05 j 11:44	17°♓08'07	1.32534 AU
	-3353 Apr 11 j 09:46	0°♈	
evening rise	-3353 Apr 12 j 21:18	3°♈08'00	
	-3353 Apr 27 j 10:22	0°♉	
evening max el	-3353 May 11 j 03:22	17°♉29'17	25°59'28
desc. node	-3353 May 17 j 10:59	22°♉24'06	
retrograde	-3353 May 25 j 05:22	24°♉45'10	
evening set	-3353 May 31 j 05:55	23°♉16'43	
min. Earth dist.	-3353 Jun 04 j 15:55	20°♉34'49	0.58889 AU
inferior conj	-3353 Jun 08 j 00:20	18°♉04'53	-4°-18'-59
minimum elong	-3353 Jun 07 j 22:32	18°♉08'15	4°18'48
morning rise	-3353 Jun 15 j 19:00	13°♉38'06	
direct	-3353 Jun 18 j 06:30	13°♉17'29	
morning max el	-3353 Jun 26 j 05:01	17°♉03'34	18°33'21
asc. node	-3353 Jul 02 j 10:09	24°♉53'59	
	-3353 Jul 05 j 12:29	0°♊	
morning set	-3353 Jul 12 j 09:34	12°♊47'30	
superior conj	-3353 Jul 21 j 10:11	0°♋02'58	1°48'26
minimum elong	-3353 Jul 21 j 11:00	0°♋06'47	1°48'33
	-3353 Jul 21 j 09:33	0°♋	
max. Earth dist.	-3353 Jul 28 j 16:05	13°♋08'21	1.39809 AU
evening rise	-3353 Aug 01 j 23:41	20°♋32'00	
	-3353 Aug 07 j 18:33	0°♌	
desc. node	-3353 Aug 13 j 10:08	8°♌47'32	
	-3353 Aug 28 j 10:47	0°♍	
evening max el	-3353 Sep 05 j 23:16	9°♍53'15	23°45'37
retrograde	-3353 Sep 16 j 16:23	16°♍12'42	
evening set	-3353 Sep 21 j 19:20	14°♍04'24	
min. Earth dist.	-3353 Sep 26 j 17:06	8°♍20'25	0.67397 AU
inferior conj	-3353 Sep 27 j 04:05	7°♍42'57	0°-24'-58
minimum elong	-3353 Sep 27 j 04:40	7°♍40'57	0°24'41
asc. node	-3353 Sep 28 j 09:13	6°♍04'38	
morning rise	-3353 Oct 02 j 14:09	1°♍31'35	
direct	-3353 Oct 06 j 13:20	0°♍02'49	
morning max el	-3353 Oct 14 j 22:41	4°♍58'34	21°00'01
greatest brilliancy	-3353 Oct 20 j 14:59	11°♍38'15	-0.5m
	-3353 Nov 02 j 14:12	0°♎	
desc. node	-3353 Nov 09 j 09:47	10°♎19'12	
morning set	-3353 Nov 13 j 15:57	16°♎54'46	
	-3353 Nov 21 j 21:13	0°♏	
max. Earth dist.	-3353 Nov 22 j 05:14	0°♏32'34	1.42702 AU
superior conj	-3353 Nov 29 j 02:45	11°♏59'31	-1°-44'-36
minimum elong	-3353 Nov 28 j 21:52	11°♏38'52	1°44'23
	-3353 Dec 09 j 10:38	0°♐	
evening rise	-3353 Dec 10 j 20:09	2°♐29'45	
asc. node	-3353 Dec 25 j 08:17	26°♐22'58	
evening max el	-3353 Dec 27 j 16:28	29°♐02'12	18°07'54
	-3353 Dec 28 j 17:18	0°♑	
retrograde	-3352 Jan 03 j 08:18	2°♑29'46	
evening set	-3352 Jan 06 j 00:07	1°♑56'31	
	-3352 Jan 09 j 04:00	30°℞♐	
inferior conj	-3352 Jan 12 j 14:42	26°♐51'15	4°00'03
minimum elong	-3352 Jan 12 j 13:47	26°♐53'30	3°59'53

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-3352 Jan 15 j 13:41	23°♐56'56	0.61755 AU
morning rise	-3352 Jan 19 j 01:09	21°♐02'17	
direct	-3352 Jan 26 j 01:19	18°♐33'16	
desc. node	-3352 Feb 05 j 09:11	23°♐00'30	
morning max el	-3352 Feb 09 j 02:08	26°♐18'20	27°40'57
	-3352 Feb 12 j 13:49	0°♑	
	-3352 Mar 03 j 22:24	0°♒	
morning set	-3352 Mar 12 j 23:12	17°♒17'47	
	-3352 Mar 18 j 23:43	0°♓	
max. Earth dist.	-3352 Mar 18 j 23:05	29°♒56'32	1.32727 AU
superior conj	-3352 Mar 20 j 08:00	2°♓55'02	0°-20'-42
minimum elong	-3352 Mar 20 j 08:56	3°♓00'09	0°20'34
asc. node	-3352 Mar 22 j 07:42	7°♓14'45	
evening rise	-3352 Mar 27 j 08:37	18°♓05'23	
	-3352 Apr 02 j 06:31	0°♈	
evening max el	-3352 Apr 21 j 20:29	28°♈27'45	24°37'15
	-3352 Apr 23 j 13:04	0°♉	
desc. node	-3352 May 03 j 08:05	5°♉17'10	
retrograde	-3352 May 05 j 19:50	5°♉31'31	
evening set	-3352 May 10 j 13:53	4°♉40'19	
min. Earth dist.	-3352 May 16 j 08:30	1°♉42'55	0.57016 AU
	-3352 May 18 j 23:57	30°℞♈	
inferior conj	-3352 May 19 j 04:15	29°♈52'59	-3°-43'-58
minimum elong	-3352 May 18 j 22:58	0°♉01'36	3°42'57
morning rise	-3352 May 27 j 12:11	25°♈45'31	
direct	-3352 May 29 j 23:49	25°♈28'15	
morning max el	-3352 Jun 08 j 05:22	29°♈45'50	19°22'26
	-3352 Jun 08 j 11:22	0°♉	
asc. node	-3352 Jun 18 j 07:12	13°♉38'06	
morning set	-3352 Jun 25 j 08:31	27°♉01'24	
	-3352 Jun 26 j 20:17	0°♊	
superior conj	-3352 Jul 03 j 14:25	13°♊26'09	1°47'00
minimum elong	-3352 Jul 03 j 13:14	13°♊20'25	1°47'05
max. Earth dist.	-3352 Jul 09 j 17:52	25°♊06'32	1.37862 AU
	-3352 Jul 12 j 10:29	0°♋	
evening rise	-3352 Jul 13 j 15:18	2°♋08'07	
desc. node	-3352 Jul 30 j 07:11	29°♋04'11	
	-3352 Jul 30 j 22:23	0°♌	
evening max el	-3352 Aug 18 j 10:15	23°♌23'58	25°03'45
	-3352 Aug 28 j 06:28	0°♍	
retrograde	-3352 Aug 30 j 04:30	0°♍14'10	
	-3352 Sep 01 j 00:35	30°℞♌	
evening set	-3352 Sep 04 j 22:29	27°♌47'47	
min. Earth dist.	-3352 Sep 09 j 11:16	22°♌39'21	0.67041 AU
inferior conj	-3352 Sep 10 j 08:56	21°♌27'58	-1°-18'-37
minimum elong	-3352 Sep 10 j 10:48	21°♌21'50	1°17'48
asc. node	-3352 Sep 14 j 06:19	16°♌49'18	
morning rise	-3352 Sep 15 j 23:33	15°♌23'56	
direct	-3352 Sep 19 j 11:12	14°♌13'33	
morning max el	-3352 Sep 26 j 23:35	18°♌33'52	19°51'26
greatest brilliancy	-3352 Oct 04 j 19:16	28°♌20'58	-0.6m
	-3352 Oct 05 j 23:11	0°♍	
morning set	-3352 Oct 22 j 14:02	25°♍08'06	
	-3352 Oct 25 j 17:11	0°♎	
desc. node	-3352 Oct 26 j 06:47	0°♎53'02	
max. Earth dist.	-3352 Nov 03 j 16:36	14°♎07'37	1.44069 AU
superior conj	-3352 Nov 08 j 07:05	21°♎30'47	-1°-16'-56
minimum elong	-3352 Nov 07 j 23:52	21°♎01'35	1°16'15
	-3352 Nov 13 j 11:43	0°♏	
evening rise	-3352 Nov 21 j 22:02	14°♏08'59	
	-3352 Dec 01 j 07:54	0°♐	
evening max el	-3352 Dec 10 j 05:07	12°♐19'40	18°17'33
asc. node	-3352 Dec 11 j 05:20	13°♐17'25	
retrograde	-3352 Dec 16 j 18:04	15°♐52'14	
evening set	-3352 Dec 19 j 13:42	15°♐10'17	
inferior conj	-3352 Dec 25 j 18:27	9°♐44'54	3°44'10
minimum elong	-3352 Dec 25 j 15:58	9°♐51'44	3°43'41
min. Earth dist.	-3352 Dec 28 j 03:21	7°♐08'01	0.63558 AU
morning rise	-3352 Dec 31 j 16:38	3°♐45'09	
direct	-3351 Jan 07 j 16:55	0°♐57'57	
morning max el	-3351 Jan 21 j 09:32	8°♐43'13	27°36'27
desc. node	-3351 Jan 22 j 06:16	9°♐35'30	
	-3351 Feb 06 j 23:30	0°♑	
	-3351 Feb 24 j 03:18	0°♒	
morning set	-3351 Feb 24 j 21:51	1°♒31'56	
max. Earth dist.	-3351 Mar 02 j 04:25	12°♒21'21	1.33302 AU
superior conj	-3351 Mar 04 j 15:57	17°♒37'41	0°-45'-50
minimum elong	-3351 Mar 04 j 18:00	17°♒48'36	0°45'32
asc. node	-3351 Mar 09 j 04:43	27°♒22'09	
	-3351 Mar 10 j 10:17	0°♓	
evening rise	-3351 Mar 11 j 20:13	2°♓59'30	
	-3351 Mar 26 j 20:06	0°♈	
evening max el	-3351 Apr 03 j 12:39	9°♈10'27	23°03'36
retrograde	-3351 Apr 16 j 21:16	15°♈45'43	
evening set	-3351 Apr 20 j 07:42	15°♈19'56	
desc. node	-3351 Apr 20 j 05:11	15°♈21'27	
min. Earth dist.	-3351 Apr 27 j 22:56	11°♈55'35	0.55671 AU
inferior conj	-3351 Apr 29 j 13:01	11°♈00'08	-2°-27'-59
minimum elong	-3351 Apr 29 j 07:12	11°♈08'38	2°26'17
morning rise	-3351 May 08 j 09:35	7°♈03'08	
direct	-3351 May 10 j 23:17	6°♈47'15	
morning max el	-3351 May 21 j 19:35	11°♈50'14	20°31'39
	-3351 Jun 03 j 15:08	0°♉	
asc. node	-3351 Jun 05 j 04:15	2°♉53'57	
morning set	-3351 Jun 09 j 13:52	11°♉37'39	
superior conj	-3351 Jun 17 j 06:51	27°♉28'08	1°37'58
minimum elong	-3351 Jun 17 j 04:33	27°♉16'28	1°37'52
	-3351 Jun 18 j 12:53	0°♊	
max. Earth dist.	-3351 Jun 22 j 00:28	6°♊53'48	1.36113 AU
evening rise	-3351 Jun 26 j 04:42	14°♊50'00	
	-3351 Jul 04 j 19:40	0°♋	
desc. node	-3351 Jul 17 j 04:13	19°♋00'19	
	-3351 Jul 25 j 13:22	0°♌	
evening max el	-3351 Jul 31 j 21:22	6°♌56'42	26°11'22
retrograde	-3351 Aug 13 j 11:48	14°♌06'46	
evening set	-3351 Aug 19 j 20:19	11°♌26'27	
min. Earth dist.	-3351 Aug 24 j 00:51	6°♌56'00	0.66353 AU
inferior conj	-3351 Aug 25 j 10:17	5°♌11'50	-2°-10'-33
minimum elong	-3351 Aug 25 j 13:16	5°♌02'30	2°09'22
	-3351 Aug 30 j 06:41	30°℞♋	
morning rise	-3351 Aug 31 j 07:02	29°♋18'32	
asc. node	-3351 Sep 01 j 03:26	28°♋52'26	
direct	-3351 Sep 03 j 09:28	28°♋23'19	
	-3351 Sep 07 j 16:38	0°♌	
morning max el	-3351 Sep 10 j 07:11	2°♌16'36	18°57'25
	-3351 Sep 29 j 11:45	0°♍	
morning set	-3351 Oct 02 j 03:13	4°♍10'55	
desc. node	-3351 Oct 13 j 03:46	21°♍33'52	
max. Earth dist.	-3351 Oct 17 j 09:19	28°♍13'45	1.44786 AU
superior conj	-3351 Oct 18 j 12:32	0°♎01'02	0°-33'-45
minimum elong	-3351 Oct 18 j 08:11	29°♍43'55	0°33'12
	-3351 Oct 18 j 12:16	0°♎	
evening rise	-3351 Nov 03 j 01:05	24°♎48'42	
	-3351 Nov 06 j 05:50	0°♏	
evening max el	-3351 Nov 23 j 16:52	25°♏43'46	18°45'14
asc. node	-3351 Nov 28 j 02:24	29°♏01'08	
retrograde	-3351 Nov 30 j 10:41	29°♏31'21	
evening set	-3351 Dec 03 j 11:37	28°♏38'56	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3351 Dec 09 j 08:46	22°♏55'45	3°14'22
minimum elong	-3351 Dec 09 j 05:40	23°♏05'05	3°13'32
min. Earth dist.	-3351 Dec 11 j 02:45	20°♏48'51	0.65036 AU
morning rise	-3351 Dec 14 j 22:40	16°♏48'02	
direct	-3351 Dec 21 j 15:03	13°♏57'57	
morning max el	-3350 Jan 03 j 18:58	21°♏35'06	26°58'55
desc. node	-3350 Jan 09 j 03:18	27°♏28'46	
	-3350 Jan 11 j 04:30	0°♐	
	-3350 Jan 31 j 03:07	0°♑	
morning set	-3350 Feb 08 j 10:33	15°♑10'59	
max. Earth dist.	-3350 Feb 13 j 00:09	24°♑12'26	1.34310 AU
	-3350 Feb 15 j 19:55	0°♒	
superior conj	-3350 Feb 16 j 19:02	2°♒00'22	-1°-9'-40
minimum elong	-3350 Feb 16 j 21:57	2°♒15'32	1°09'19
evening rise	-3350 Feb 24 j 06:16	17°♒42'58	
asc. node	-3350 Feb 24 j 01:43	17°♒19'22	
	-3350 Mar 02 j 10:44	0°♓	
evening max el	-3350 Mar 16 j 09:47	20°♓02'20	21°32'11
retrograde	-3350 Mar 28 j 12:13	25°♓52'23	
evening set	-3350 Mar 31 j 01:51	25°♓37'28	
desc. node	-3350 Apr 07 j 02:17	22°♓52'41	
inferior conj	-3350 Apr 09 j 09:21	21°♓36'33	0°-38'-20
minimum elong	-3350 Apr 09 j 07:33	21°♓39'04	0°37'45
min. Earth dist.	-3350 Apr 09 j 12:37	21°♓31'57	0.55137 AU
morning rise	-3350 Apr 18 j 13:32	17°♓34'52	
direct	-3350 Apr 21 j 11:52	17°♓16'01	
morning max el	-3350 May 03 j 22:47	23°♓11'41	21°58'45
	-3350 May 09 j 22:03	0°♈	
asc. node	-3350 May 23 j 01:17	22°♈32'33	
morning set	-3350 May 24 j 23:21	26°♈28'39	
	-3350 May 26 j 15:49	0°♉	
superior conj	-3350 Jun 01 j 07:44	11°♉57'08	1°23'18
minimum elong	-3350 Jun 01 j 05:05	11°♉43'12	1°23'01
max. Earth dist.	-3350 Jun 04 j 16:15	18°♉54'01	1.34683 AU
evening rise	-3350 Jun 09 j 10:27	28°♉21'53	
	-3350 Jun 10 j 06:51	0°♊	
	-3350 Jun 28 j 00:26	0°♋	
desc. node	-3350 Jul 04 j 01:16	8°♋26'51	
evening max el	-3350 Jul 14 j 08:55	20°♋23'44	27°00'32
retrograde	-3350 Jul 27 j 13:51	27°♋43'53	
evening set	-3350 Aug 03 j 10:25	24°♋57'05	
min. Earth dist.	-3350 Aug 07 j 07:23	21°♋05'20	0.65298 AU
inferior conj	-3350 Aug 09 j 06:00	18°♋50'56	-2°-58'-41
minimum elong	-3350 Aug 09 j 09:47	18°♋40'02	2°57'26
morning rise	-3350 Aug 15 j 10:24	13°♋11'47	
direct	-3350 Aug 18 j 05:57	12°♋28'27	
asc. node	-3350 Aug 19 j 00:32	12°♋31'44	
morning max el	-3350 Aug 24 j 19:41	16°♋03'35	18°19'41
	-3350 Sep 03 j 21:42	0°♌	
morning set	-3350 Sep 12 j 19:16	14°♌32'59	
	-3350 Sep 22 j 07:10	0°♍	
superior conj	-3350 Sep 27 j 13:05	8°♍22'24	0°15'51
minimum elong	-3350 Sep 27 j 15:05	8°♍30'21	0°15'37
behind sun begin	-3350 Sep 27 j 11:55	8°♍17'45	
behind sun end	-3350 Sep 27 j 18:16	8°♍42'58	
max. Earth dist.	-3350 Sep 30 j 03:59	12°♍31'14	1.44768 AU
desc. node	-3350 Sep 30 j 00:44	12°♍18'23	
	-3350 Oct 11 j 07:20	0°♎	
evening rise	-3350 Oct 14 j 03:33	4°♎26'36	
greatest brilliancy	-3350 Oct 29 j 03:12	27°♎31'55	-0.7m
	-3350 Oct 30 j 19:57	0°♏	
evening max el	-3350 Nov 07 j 01:17	9°♏10'32	19°29'42
retrograde	-3350 Nov 14 j 07:00	13°♏22'03	
asc. node	-3350 Nov 14 j 23:29	13°♏19'20	
evening set	-3350 Nov 17 j 15:05	12°♏16'59	
inferior conj	-3350 Nov 23 j 06:36	6°♏19'08	2°35'03
minimum elong	-3350 Nov 23 j 03:39	6°♏28'42	2°34'03
min. Earth dist.	-3350 Nov 24 j 10:50	4°♏47'48	0.66144 AU
morning rise	-3350 Nov 28 j 15:27	0°♏05'42	
	-3350 Nov 28 j 18:03	30°℞♎	
direct	-3350 Dec 04 j 19:03	27°♎24'56	
	-3350 Dec 11 j 16:14	0°♏	
morning max el	-3350 Dec 17 j 04:26	4°♏43'02	25°55'36
desc. node	-3350 Dec 27 j 00:19	16°♏17'28	
	-3349 Jan 05 j 15:39	0°♐	
morning set	-3349 Jan 22 j 09:07	28°♐02'51	
	-3349 Jan 23 j 10:24	0°♑	
max. Earth dist.	-3349 Jan 26 j 08:22	5°♑31'35	1.35766 AU
superior conj	-3349 Jan 31 j 14:48	15°♑56'03	-1°-30'-42
minimum elong	-3349 Jan 31 j 18:04	16°♑12'31	1°30'27
	-3349 Feb 07 j 11:28	0°♒	
evening rise	-3349 Feb 08 j 12:53	2°♒10'03	
asc. node	-3349 Feb 10 j 22:43	7°♒01'43	
	-3349 Feb 25 j 07:13	0°♓	
evening max el	-3349 Feb 26 j 16:28	1°♓24'13	20°13'22
retrograde	-3349 Mar 09 j 03:19	6°♓22'34	
evening set	-3349 Mar 11 j 09:57	6°♓09'25	
inferior conj	-3349 Mar 20 j 06:47	2°♓10'18	1°16'56
minimum elong	-3349 Mar 20 j 10:02	2°♓05'26	1°15'48
min. Earth dist.	-3349 Mar 22 j 02:36	1°♓05'01	0.55540 AU
	-3349 Mar 24 j 00:20	30°℞♒	
desc. node	-3349 Mar 24 j 23:22	29°♒29'41	
morning rise	-3349 Mar 29 j 07:39	27°♒45'59	
direct	-3349 Apr 02 j 01:56	27°♒15'03	
	-3349 Apr 10 j 16:37	0°♓	
morning max el	-3349 Apr 15 j 17:15	3°♓58'38	23°36'59
	-3349 May 03 j 17:41	0°♈	
morning set	-3349 May 09 j 11:01	11°♈28'13	
asc. node	-3349 May 09 j 22:17	12°♈27'23	
superior conj	-3349 May 16 j 14:17	26°♈44'14	1°04'30
minimum elong	-3349 May 16 j 11:52	26°♈31'12	1°04'09
	-3349 May 18 j 02:56	0°♉	
max. Earth dist.	-3349 May 18 j 17:35	1°♉17'45	1.33618 AU
evening rise	-3349 May 24 j 03:58	12°♉30'18	
	-3349 Jun 02 j 12:28	0°♊	
desc. node	-3349 Jun 20 j 22:18	27°♊11'09	
	-3349 Jun 23 j 09:00	0°♋	
evening max el	-3349 Jun 26 j 19:34	3°♋33'27	27°24'04
retrograde	-3349 Jul 10 j 10:20	10°♋56'57	
evening set	-3349 Jul 17 j 13:43	8°♋15'05	
min. Earth dist.	-3349 Jul 21 j 05:00	4°♋58'29	0.63859 AU
inferior conj	-3349 Jul 23 j 17:35	2°♋20'06	-3°-40'-7
minimum elong	-3349 Jul 23 j 21:27	2°♋09'58	3°39'10
	-3349 Jul 26 j 01:14	30°℞♊	
morning rise	-3349 Jul 30 j 07:03	26°♊58'20	
direct	-3349 Aug 01 j 21:56	26°♊24'00	
asc. node	-3349 Aug 05 j 21:37	27°♊43'19	
morning max el	-3349 Aug 08 j 10:34	29°♊49'40	17°59'18
	-3349 Aug 08 j 14:41	0°♋	
morning set	-3349 Aug 25 j 13:29	26°♋09'35	
	-3349 Aug 27 j 19:02	0°♌	
superior conj	-3349 Sep 07 j 06:41	17°♌36'33	0°59'11
minimum elong	-3349 Sep 07 j 12:13	17°♌59'15	0°58'37
max. Earth dist.	-3349 Sep 12 j 20:37	26°♌38'13	1.44038 AU
	-3349 Sep 14 j 23:19	0°♍	
desc. node	-3349 Sep 16 j 21:42	3°♍03'11	
evening rise	-3349 Sep 23 j 11:24	13°♍17'46	
	-3349 Oct 04 j 10:51	0°♎	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

greatest brilliancy	-3349 Oct 14 j 21:44	15°♎01'17	-0.5m
evening max el	-3349 Oct 21 j 04:26	22°♎36'43	20°29'04
retrograde	-3349 Oct 29 j 04:24	27°♎19'45	
evening set	-3349 Nov 01 j 21:47	25°♎59'37	
asc. node	-3349 Nov 01 j 20:35	26°♎01'46	
inferior conj	-3349 Nov 07 j 09:23	19°♎50'36	1°49'10
minimum elong	-3349 Nov 07 j 07:05	19°♎58'25	1°48'15
min. Earth dist.	-3349 Nov 08 j 01:31	18°♎56'07	0.66900 AU
morning rise	-3349 Nov 12 j 15:53	13°♎33'59	
direct	-3349 Nov 18 j 04:29	11°♎10'19	
morning max el	-3349 Nov 29 j 13:08	17°♎56'33	24°35'43
	-3349 Dec 09 j 16:31	0°♏	
desc. node	-3349 Dec 13 j 21:19	5°♏44'47	
	-3349 Dec 29 j 17:06	0°♐	
morning set	-3348 Jan 04 j 11:57	9°♐51'27	
max. Earth dist.	-3348 Jan 08 j 06:42	16°♐36'56	1.37611 AU
superior conj	-3348 Jan 14 j 23:58	29°♐15'08	-1°-46'-54
minimum elong	-3348 Jan 15 j 02:40	29°♐28'17	1°46'51
	-3348 Jan 15 j 09:13	0°♑	
evening rise	-3348 Jan 23 j 13:50	16°♑13'53	
asc. node	-3348 Jan 28 j 19:45	26°♑23'19	
	-3348 Jan 30 j 19:38	0°♒	
evening max el	-3348 Feb 09 j 09:51	13°♒22'52	19°12'40
retrograde	-3348 Feb 18 j 06:20	17°♒36'30	
evening set	-3348 Feb 20 j 14:11	17°♒20'14	
inferior conj	-3348 Feb 28 j 18:24	13°♒09'09	2°47'24
minimum elong	-3348 Feb 28 j 23:18	13°♒00'49	2°46'05
min. Earth dist.	-3348 Mar 02 j 17:50	11°♒08'35	0.56784 AU
morning rise	-3348 Mar 08 j 04:33	8°♒13'58	
desc. node	-3348 Mar 10 j 20:27	7°♒29'10	
direct	-3348 Mar 13 j 03:38	7°♒16'42	
morning max el	-3348 Mar 27 j 08:13	14°♒33'08	25°14'07
	-3348 Apr 08 j 13:44	0°♓	
morning set	-3348 Apr 22 j 23:12	26°♓30'25	
	-3348 Apr 24 j 14:45	0°♈	
asc. node	-3348 Apr 25 j 19:17	2°♈33'15	
superior conj	-3348 Apr 30 j 00:18	11°♈42'11	0°42'45
minimum elong	-3348 Apr 29 j 22:32	11°♈32'31	0°42'26
max. Earth dist.	-3348 May 01 j 02:15	14°♈03'08	1.32919 AU
evening rise	-3348 May 07 j 05:44	27°♈04'11	
	-3348 May 08 j 16:22	0°♉	
	-3348 May 25 j 21:46	0°♊	
desc. node	-3348 Jun 06 j 19:22	14°♊55'25	
evening max el	-3348 Jun 08 j 03:18	16°♊14'15	27°16'45
retrograde	-3348 Jun 22 j 00:38	23°♊36'50	
evening set	-3348 Jun 29 j 02:28	21°♊14'09	
min. Earth dist.	-3348 Jul 02 j 16:48	18°♊23'13	0.62072 AU
inferior conj	-3348 Jul 05 j 18:02	15°♊33'03	-4°-10'-33
minimum elong	-3348 Jul 05 j 20:51	15°♊26'27	4°10'07
morning rise	-3348 Jul 12 j 17:52	10°♊31'19	
direct	-3348 Jul 15 j 06:11	10°♊03'33	
morning max el	-3348 Jul 22 j 01:06	13°♊28'51	17°57'12
asc. node	-3348 Jul 22 j 18:41	14°♊13'46	
	-3348 Aug 02 j 07:09	0°♋	
morning set	-3348 Aug 07 j 04:43	8°♋46'54	
superior conj	-3348 Aug 18 j 03:35	28°♋12'14	1°29'02
minimum elong	-3348 Aug 18 j 08:25	28°♋32'58	1°28'44
	-3348 Aug 19 j 04:45	0°♌	
max. Earth dist.	-3348 Aug 25 j 08:35	10°♌18'04	1.42701 AU
evening rise	-3348 Sep 01 j 17:42	22°♌07'47	
desc. node	-3348 Sep 02 j 18:41	23°♌45'33	
	-3348 Sep 06 j 19:37	0°♍	
	-3348 Sep 27 j 19:33	0°♎	
greatest brilliancy	-3348 Sep 28 j 02:56	0°♎23'05	-0.4m
evening max el	-3348 Oct 03 j 01:33	6°♎02'40	21°40'20
retrograde	-3348 Oct 12 j 00:48	11°♎22'19	
evening set	-3348 Oct 16 j 05:46	9°♎44'41	
asc. node	-3348 Oct 18 j 17:41	7°♎15'40	
inferior conj	-3348 Oct 21 j 15:04	3°♎28'10	0°58'53
minimum elong	-3348 Oct 21 j 13:45	3°♎32'45	0°58'19
min. Earth dist.	-3348 Oct 21 j 20:21	3°♎09'58	0.67336 AU
	-3348 Oct 24 j 05:33	30°℞♍	
morning rise	-3348 Oct 26 j 21:26	27°♍11'10	
direct	-3348 Oct 31 j 18:45	25°♍08'31	
	-3348 Nov 09 j 17:04	0°♎	
morning max el	-3348 Nov 10 j 22:43	1°♎12'30	23°09'07
greatest brilliancy	-3348 Nov 16 j 00:44	6°♎55'47	-0.3m
desc. node	-3348 Nov 29 j 18:19	25°♎39'38	
	-3348 Dec 02 j 16:18	0°♏	
morning set	-3348 Dec 15 j 12:49	20°♏20'55	
max. Earth dist.	-3348 Dec 20 j 02:03	28°♏04'03	1.39677 AU
	-3348 Dec 21 j 04:45	0°♐	
superior conj	-3348 Dec 27 j 18:13	11°♐46'26	-1°-55'-28
minimum elong	-3348 Dec 27 j 19:02	11°♐50'12	1°55'34
evening rise	-3347 Jan 06 j 06:24	29°♐47'30	
	-3347 Jan 06 j 09:01	0°♑	
asc. node	-3347 Jan 14 j 16:47	15°♑16'57	
evening max el	-3347 Jan 22 j 12:18	25°♑54'05	18°31'50
retrograde	-3347 Jan 30 j 03:27	29°♑37'46	
evening set	-3347 Feb 01 j 14:38	29°♑15'44	
inferior conj	-3347 Feb 09 j 02:12	24°♑44'59	3°40'42
minimum elong	-3347 Feb 09 j 05:22	24°♑38'43	3°40'09
min. Earth dist.	-3347 Feb 12 j 11:43	22°♑05'14	0.58595 AU
morning rise	-3347 Feb 16 j 16:29	19°♑23'27	
direct	-3347 Feb 22 j 18:51	17°♑48'40	
desc. node	-3347 Feb 25 j 17:32	18°♑10'24	
morning max el	-3347 Mar 09 j 01:25	25°♑22'02	26°35'08
	-3347 Mar 13 j 08:52	0°♒	
	-3347 Apr 01 j 16:45	0°♓	
morning set	-3347 Apr 07 j 10:09	11°♓28'25	
asc. node	-3347 Apr 12 j 16:16	22°♓44'54	
superior conj	-3347 Apr 14 j 11:54	26°♓43'34	0°18'58
minimum elong	-3347 Apr 14 j 11:04	26°♓39'00	0°18'46
max. Earth dist.	-3347 Apr 14 j 14:58	27°♓00'25	1.32575 AU
	-3347 Apr 15 j 23:48	0°♈	
evening rise	-3347 Apr 21 j 12:54	11°♈53'24	
	-3347 Apr 30 j 21:18	0°♉	
evening max el	-3347 May 21 j 05:51	28°♉15'18	26°36'32
	-3347 May 23 j 04:08	0°♊	
desc. node	-3347 May 24 j 16:27	1°♊13'39	
retrograde	-3347 Jun 04 j 07:06	5°♊34'03	
evening set	-3347 Jun 10 j 20:17	3°♊43'52	
min. Earth dist.	-3347 Jun 14 j 19:15	1°♊03'26	0.60062 AU
	-3347 Jun 16 j 03:05	30°℞♉	
inferior conj	-3347 Jun 18 j 03:46	28°♉20'07	-4°-23'-20
minimum elong	-3347 Jun 18 j 04:02	28°♉19'33	4°23'15
morning rise	-3347 Jun 25 j 15:10	23°♉40'10	
direct	-3347 Jun 28 j 02:39	23°♉17'14	
morning max el	-3347 Jul 05 j 12:19	26°♉52'26	18°14'21
	-3347 Jul 08 j 07:40	0°♊	
asc. node	-3347 Jul 09 j 15:45	1°♊46'30	
morning set	-3347 Jul 21 j 11:31	22°♊10'01	
	-3347 Jul 25 j 15:15	0°♋	
superior conj	-3347 Jul 31 j 02:17	10°♋04'37	1°44'51
minimum elong	-3347 Jul 31 j 04:35	10°♋14'59	1°44'52
max. Earth dist.	-3347 Aug 07 j 15:08	23°♋18'48	1.40934 AU
	-3347 Aug 11 j 15:00	0°♌	
evening rise	-3347 Aug 12 j 17:05	1°♌46'53	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3347 Aug 20 j 15:41	14°♌21'32	
	-3347 Aug 31 j 05:43	0°♍	
greatest brilliancy	-3347 Sep 10 j 13:36	13°♍43'27	-0.3m
evening max el	-3347 Sep 15 j 17:11	19°♍29'32	22°59'14
retrograde	-3347 Sep 25 j 18:45	25°♍27'23	
evening set	-3347 Sep 30 j 13:16	23°♍30'30	
inferior conj	-3347 Oct 05 j 21:48	17°♍10'02	0°06'01
minimum elong	-3347 Oct 05 j 21:40	17°♍10'32	0°05'59
transit middle	-3347 Oct 05 j 21:40	17°♍10'32	0°05'59
transit begin	-3347 Oct 05 j 19:09	17°♍19'11	
transit end	-3347 Oct 06 j 00:11	17°♍01'52	
min. Earth dist.	-3347 Oct 05 j 16:48	17°♍27'16	0.67465 AU
asc. node	-3347 Oct 05 j 14:48	17°♍34'11	
morning rise	-3347 Oct 11 j 06:01	10°♍55'47	
direct	-3347 Oct 15 j 12:55	9°♍14'53	
morning max el	-3347 Oct 24 j 12:33	14°♍34'01	21°44'48
greatest brilliancy	-3347 Oct 29 j 11:41	20°♍14'31	-0.4m
	-3347 Nov 05 j 18:53	0°♎	
desc. node	-3347 Nov 16 j 15:19	15°♎54'18	
morning set	-3347 Nov 25 j 08:58	29°♎27'53	
	-3347 Nov 25 j 17:03	0°♏	
max. Earth dist.	-3347 Dec 02 j 02:21	10°♏22'51	1.41690 AU
superior conj	-3347 Dec 09 j 16:16	23°♏16'46	-1°-52'-48
minimum elong	-3347 Dec 09 j 13:40	23°♏05'26	1°52'49
	-3347 Dec 13 j 11:27	0°♐	
evening rise	-3347 Dec 20 j 11:19	12°♐43'59	
	-3347 Dec 30 j 05:39	0°♑	
asc. node	-3346 Jan 01 j 13:51	3°♑33'54	
evening max el	-3346 Jan 05 j 21:01	8°♑49'46	18°10'59
retrograde	-3346 Jan 12 j 18:15	12°♑19'09	
evening set	-3346 Jan 15 j 08:27	11°♑50'08	
inferior conj	-3346 Jan 22 j 05:50	6°♑57'08	4°00'28
minimum elong	-3346 Jan 22 j 06:17	6°♑56'07	4°00'20
min. Earth dist.	-3346 Jan 25 j 11:05	4°♑01'42	0.60619 AU
morning rise	-3346 Jan 29 j 01:23	1°♑16'42	
	-3346 Jan 31 j 11:21	30°℞♐	
direct	-3346 Feb 04 j 21:00	29°♐04'55	
	-3346 Feb 09 j 10:47	0°♑	
desc. node	-3346 Feb 12 j 14:37	1°♑35'52	
morning max el	-3346 Feb 19 j 00:32	6°♑46'13	27°27'08
	-3346 Mar 08 j 13:22	0°♒	
morning set	-3346 Mar 22 j 18:08	26°♒15'49	
	-3346 Mar 24 j 13:05	0°♓	
max. Earth dist.	-3346 Mar 29 j 04:04	9°♓56'51	1.32576 AU
superior conj	-3346 Mar 29 j 23:25	11°♓42'30	0°-6'-4
minimum elong	-3346 Mar 29 j 23:42	11°♓44'01	0°06'03
behind sun begin	-3346 Mar 29 j 19:01	11°♓18'27	
behind sun end	-3346 Mar 30 j 04:22	12°♓09'36	
asc. node	-3346 Mar 30 j 13:17	12°♓58'21	
evening rise	-3346 Apr 05 j 23:19	26°♓50'11	
	-3346 Apr 07 j 11:46	0°♈	
	-3346 Apr 24 j 20:53	0°♉	
evening max el	-3346 May 03 j 02:03	9°♉33'59	25°26'51
desc. node	-3346 May 11 j 13:31	15°♉32'21	
retrograde	-3346 May 17 j 03:36	16°♉45'11	
evening set	-3346 May 22 j 16:12	15°♉33'29	
min. Earth dist.	-3346 May 27 j 14:18	12°♉46'42	0.58057 AU
inferior conj	-3346 May 30 j 19:15	10°♉31'47	-4°-8'-52
minimum elong	-3346 May 30 j 15:50	10°♉37'48	4°08'25
morning rise	-3346 Jun 07 j 19:26	6°♉13'32	
direct	-3346 Jun 10 j 07:06	5°♉54'20	
morning max el	-3346 Jun 18 j 17:21	9°♉51'53	18°51'40
asc. node	-3346 Jun 26 j 12:47	20°♉07'43	
	-3346 Jul 02 j 01:23	0°♊	
morning set	-3346 Jul 05 j 05:32	6°♊07'50	
superior conj	-3346 Jul 13 j 21:19	22°♊58'56	1°48'55
minimum elong	-3346 Jul 13 j 21:12	22°♊58'19	1°49'02
	-3346 Jul 17 j 15:15	0°♋	
max. Earth dist.	-3346 Jul 20 j 17:44	5°♋37'44	1.38976 AU
evening rise	-3346 Jul 24 j 18:05	12°♋39'31	
	-3346 Aug 04 j 09:29	0°♌	
desc. node	-3346 Aug 07 j 12:43	4°♌46'40	
	-3346 Aug 26 j 09:29	0°♍	
evening max el	-3346 Aug 29 j 05:09	2°♍58'27	24°19'38
retrograde	-3346 Sep 09 j 09:06	9°♍31'22	
evening set	-3346 Sep 14 j 18:32	7°♍15'02	
min. Earth dist.	-3346 Sep 19 j 12:24	1°♍46'03	0.67289 AU
inferior conj	-3346 Sep 20 j 03:50	0°♍54'06	0°-47'-48
minimum elong	-3346 Sep 20 j 04:58	0°♍50'18	0°47'17
	-3346 Sep 20 j 19:58	30°℞♌	
asc. node	-3346 Sep 22 j 11:54	27°♌52'14	
morning rise	-3346 Sep 25 j 15:39	24°♌45'39	
direct	-3346 Sep 29 j 09:44	23°♌25'00	
morning max el	-3346 Oct 07 j 09:14	28°♌04'07	20°29'16
	-3346 Oct 09 j 04:06	0°♍	
greatest brilliancy	-3346 Oct 13 j 19:15	5°♍46'49	-0.5m
	-3346 Oct 30 j 08:48	0°♎	
desc. node	-3346 Nov 03 j 12:19	6°♎22'26	
morning set	-3346 Nov 04 j 09:02	7°♎42'39	
max. Earth dist.	-3346 Nov 14 j 10:28	23°♎35'35	1.43359 AU
	-3346 Nov 18 j 09:04	0°♏	
superior conj	-3346 Nov 20 j 12:32	3°♏32'13	-1°-35'00
minimum elong	-3346 Nov 20 j 06:13	3°♏06'03	1°34'34
evening rise	-3346 Dec 03 j 00:25	24°♏54'11	
	-3346 Dec 05 j 22:17	0°♐	
asc. node	-3346 Dec 19 j 10:56	21°♐02'08	
evening max el	-3346 Dec 20 j 08:59	22°♐00'38	18°09'38
retrograde	-3346 Dec 26 j 22:29	25°♐29'04	
evening set	-3346 Dec 29 j 15:50	24°♐52'10	
inferior conj	-3345 Jan 05 j 01:53	19°♐37'45	3°55'19
minimum elong	-3345 Jan 05 j 00:12	19°♐42'10	3°55'04
min. Earth dist.	-3345 Jan 07 j 19:02	16°♐49'10	0.62559 AU
morning rise	-3345 Jan 11 j 06:37	13°♐43'47	
direct	-3345 Jan 18 j 07:52	11°♐05'32	
desc. node	-3345 Jan 30 j 11:41	17°♐11'47	
morning max el	-3345 Feb 01 j 05:40	18°♐50'46	27°43'27
	-3345 Feb 10 j 17:32	0°♑	
	-3345 Mar 01 j 08:38	0°♒	
morning set	-3345 Mar 06 j 20:55	10°♒44'16	
max. Earth dist.	-3345 Mar 12 j 13:32	22°♒37'22	1.32929 AU
superior conj	-3345 Mar 14 j 09:09	26°♒32'13	0°-31'-26
minimum elong	-3345 Mar 14 j 10:35	26°♒39'54	0°31'14
	-3345 Mar 15 j 23:30	0°♓	
asc. node	-3345 Mar 17 j 10:19	3°♓08'45	
evening rise	-3345 Mar 21 j 10:58	11°♓46'38	
	-3345 Mar 30 j 19:57	0°♈	
evening max el	-3345 Apr 14 j 17:51	20°♈21'22	23°57'51
desc. node	-3345 Apr 28 j 10:35	27°♈15'20	
retrograde	-3345 Apr 28 j 12:21	27°♈15'20	
evening set	-3345 May 02 j 16:41	26°♈36'34	
min. Earth dist.	-3345 May 09 j 05:14	23°♈29'18	0.56363 AU
inferior conj	-3345 May 11 j 14:33	22°♈01'10	-3°-16'-47
minimum elong	-3345 May 11 j 08:29	22°♈10'33	3°15'20
morning rise	-3345 May 20 j 04:10	18°♈00'02	
direct	-3345 May 22 j 16:27	17°♈43'38	
morning max el	-3345 Jun 01 j 13:34	22°♈18'25	19°49'34
	-3345 Jun 07 j 22:19	0°♉	
asc. node	-3345 Jun 13 j 09:50	9°♉06'06	
morning set	-3345 Jun 19 j 07:30	20°♉31'57	
	-3345 Jun 23 j 23:36	0°♊	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3345 Jun 27 j 07:16	6°♊40'06	1°43'59
minimum elong	-3345 Jun 27 j 05:31	6°♊31'24	1°43'59
max. Earth dist.	-3345 Jul 02 j 20:58	17°♊28'19	1.37080 AU
evening rise	-3345 Jul 06 j 19:33	24°♊44'43	
	-3345 Jul 09 j 18:37	0°♋	
desc. node	-3345 Jul 25 j 09:44	24°♋55'28	
	-3345 Jul 28 j 23:51	0°♌	
evening max el	-3345 Aug 11 j 15:53	16°♌29'59	25°34'14
retrograde	-3345 Aug 23 j 19:15	23°♌30'06	
evening set	-3345 Aug 29 j 19:42	20°♌56'45	
min. Earth dist.	-3345 Sep 03 j 04:47	16°♌04'34	0.66789 AU
inferior conj	-3345 Sep 04 j 07:24	14°♌38'45	-1°-40'-58
minimum elong	-3345 Sep 04 j 09:46	14°♌31'07	1°39'58
asc. node	-3345 Sep 09 j 09:00	9°♌06'09	
morning rise	-3345 Sep 10 j 00:28	8°♌39'12	
direct	-3345 Sep 13 j 07:53	7°♌35'49	
morning max el	-3345 Sep 20 j 13:16	11°♌43'27	19°26'40
greatest brilliancy	-3345 Sep 29 j 22:47	23°♌55'43	-0.7m
	-3345 Oct 04 j 00:01	0°♍	
morning set	-3345 Oct 14 j 11:10	16°♍10'57	
desc. node	-3345 Oct 21 j 09:20	26°♍59'54	
	-3345 Oct 23 j 07:16	0°♎	
max. Earth dist.	-3345 Oct 28 j 00:45	7°♎27'15	1.44458 AU
superior conj	-3345 Oct 31 j 05:48	12°♎33'22	-1°00'-11
minimum elong	-3345 Oct 30 j 23:04	12°♎06'30	0°59'26
	-3345 Nov 10 j 23:58	0°♏	
evening rise	-3345 Nov 14 j 17:10	6°♏09'35	
	-3345 Nov 29 j 13:10	0°♐	
evening max el	-3345 Dec 03 j 21:30	5°♐21'11	18°27'03
asc. node	-3345 Dec 06 j 08:00	7°♐28'25	
retrograde	-3345 Dec 10 j 11:46	8°♐59'21	
evening set	-3345 Dec 13 j 09:20	8°♐13'16	
inferior conj	-3345 Dec 19 j 10:35	2°♐39'48	3°32'55
minimum elong	-3345 Dec 19 j 07:45	2°♐47'59	3°32'17
min. Earth dist.	-3345 Dec 21 j 13:03	0°♐14'31	0.64230 AU
	-3345 Dec 21 j 18:15	30°℞♏	
morning rise	-3345 Dec 25 j 04:47	26°♏36'02	
direct	-3344 Jan 01 j 02:19	23°♏45'58	
	-3344 Jan 13 j 01:04	0°♐	
morning max el	-3344 Jan 14 j 14:32	1°♐29'32	27°24'07
desc. node	-3344 Jan 17 j 08:46	4°♐23'26	
	-3344 Feb 04 j 20:32	0°♑	
morning set	-3344 Feb 18 j 15:48	24°♑44'52	
	-3344 Feb 21 j 06:58	0°♒	
max. Earth dist.	-3344 Feb 23 j 15:16	4°♒48'43	1.33679 AU
superior conj	-3344 Feb 26 j 15:17	11°♒06'47	0°-56'-12
minimum elong	-3344 Feb 26 j 17:44	11°♒19'47	0°55'51
asc. node	-3344 Mar 03 j 07:19	23°♒12'02	
evening rise	-3344 Mar 04 j 22:07	26°♒36'33	
	-3344 Mar 06 j 13:21	0°♓	
	-3344 Mar 25 j 09:29	0°♈	
evening max el	-3344 Mar 26 j 11:11	1°♈03'45	22°23'35
retrograde	-3344 Apr 08 j 09:07	7°♈22'14	
evening set	-3344 Apr 11 j 08:40	7°♈02'40	
desc. node	-3344 Apr 14 j 07:41	6°♈07'48	
min. Earth dist.	-3344 Apr 19 j 19:15	3°♈22'36	0.55327 AU
inferior conj	-3344 Apr 20 j 16:38	2°♈52'12	-1°-44'-16
minimum elong	-3344 Apr 20 j 12:04	2°♈58'43	1°42'48
	-3344 Apr 26 j 06:44	30°℞♓	
morning rise	-3344 Apr 29 j 17:28	28°♓55'34	
direct	-3344 May 02 j 09:23	28°♓39'21	
	-3344 May 08 j 03:50	0°♈	
morning max el	-3344 May 13 j 23:09	4°♈04'38	21°06'56
asc. node	-3344 May 30 j 06:51	28°♈32'05	
	-3344 May 31 j 00:39	0°♉	
morning set	-3344 Jun 02 j 14:49	5°♉14'47	
superior conj	-3344 Jun 10 j 03:40	20°♉54'44	1°32'20
minimum elong	-3344 Jun 10 j 01:09	20°♉41'41	1°32'09
max. Earth dist.	-3344 Jun 14 j 06:46	29°♉16'51	1.35451 AU
	-3344 Jun 14 j 15:28	0°♊	
evening rise	-3344 Jun 18 j 16:28	7°♊49'20	
	-3344 Jul 01 j 10:10	0°♋	
desc. node	-3344 Jul 11 j 06:44	14°♋40'09	
evening max el	-3344 Jul 24 j 02:58	0°♌00'24	26°35'02
	-3344 Jul 24 j 02:48	0°♌	
retrograde	-3344 Aug 06 j 00:31	7°♌16'50	
evening set	-3344 Aug 12 j 14:34	4°♌32'24	
min. Earth dist.	-3344 Aug 16 j 15:38	0°♌18'34	0.65943 AU
	-3344 Aug 16 j 21:51	30°℞♋	
inferior conj	-3344 Aug 18 j 06:36	28°♋20'45	-2°-31'-36
minimum elong	-3344 Aug 18 j 09:59	28°♋10'30	2°30'21
morning rise	-3344 Aug 24 j 06:26	22°♋33'08	
asc. node	-3344 Aug 26 j 06:05	21°♋48'57	
direct	-3344 Aug 27 j 05:32	21°♋43'33	
morning max el	-3344 Sep 02 j 23:14	25°♋28'26	18°39'20
	-3344 Sep 06 j 18:48	0°♌	
morning set	-3344 Sep 23 j 11:05	25°♌45'25	
	-3344 Sep 26 j 02:36	0°♍	
desc. node	-3344 Oct 07 j 06:17	17°♍42'28	
superior conj	-3344 Oct 09 j 06:17	20°♍51'34	0°-12'-44
minimum elong	-3344 Oct 09 j 04:36	20°♍44'56	0°12'31
behind sun begin	-3344 Oct 08 j 21:11	20°♍15'45	
behind sun end	-3344 Oct 09 j 12:00	21°♍14'07	
max. Earth dist.	-3344 Oct 09 j 18:03	21°♍37'55	1.44863 AU
	-3344 Oct 15 j 01:35	0°♎	
evening rise	-3344 Oct 25 j 09:34	16°♎21'52	
	-3344 Nov 02 j 23:19	0°♏	
evening max el	-3344 Nov 16 j 08:03	18°♏46'30	19°02'12
asc. node	-3344 Nov 22 j 05:03	22°♏37'17	
retrograde	-3344 Nov 23 j 06:17	22°♏43'31	
evening set	-3344 Nov 26 j 09:55	21°♏46'11	
inferior conj	-3344 Dec 02 j 04:27	15°♏56'34	2°58'42
minimum elong	-3344 Dec 02 j 01:21	16°♏06'15	2°57'44
min. Earth dist.	-3344 Dec 03 j 16:30	14°♏04'03	0.65550 AU
morning rise	-3344 Dec 07 j 15:50	9°♏45'56	
direct	-3344 Dec 14 j 03:14	6°♏58'14	
morning max el	-3344 Dec 27 j 00:11	14°♏29'39	26°34'34
desc. node	-3343 Jan 03 j 05:50	22°♏42'47	
	-3343 Jan 08 j 17:47	0°♐	
	-3343 Jan 27 j 13:34	0°♑	
morning set	-3343 Jan 31 j 23:10	8°♑06'17	
max. Earth dist.	-3343 Feb 05 j 05:57	16°♑24'20	1.34870 AU
superior conj	-3343 Feb 09 j 15:39	25°♑19'33	-1°-19'-3
minimum elong	-3343 Feb 09 j 18:48	25°♑35'44	1°18'43
	-3343 Feb 11 j 21:43	0°♒	
evening rise	-3343 Feb 17 j 06:58	11°♒14'05	
asc. node	-3343 Feb 18 j 04:19	13°♒03'47	
	-3343 Feb 27 j 05:17	0°♓	
evening max el	-3343 Mar 08 j 12:12	12°♓07'59	20°56'45
retrograde	-3343 Mar 19 j 22:36	17°♓35'46	
evening set	-3343 Mar 22 j 07:32	17°♓22'33	
inferior conj	-3343 Mar 31 j 11:48	13°♓24'52	0°11'50
minimum elong	-3343 Mar 31 j 12:20	13°♓24'05	0°11'37
transit middle	-3343 Mar 31 j 12:20	13°♓24'05	0°11'37
transit begin	-3343 Mar 31 j 09:34	13°♓28'03	
transit end	-3343 Mar 31 j 15:07	13°♓20'07	
desc. node	-3343 Apr 01 j 04:47	13°♓00'38	
min. Earth dist.	-3343 Apr 01 j 09:28	12°♓53'58	0.55191 AU
morning rise	-3343 Apr 09 j 16:02	9°♓14'57	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3343 Apr 12 j 21:20	8°♓52'22	
morning max el	-3343 Apr 25 j 22:17	15°♓10'35	22°39'42
	-3343 May 07 j 08:53	0°♈	
asc. node	-3343 May 17 j 03:53	18°♈18'32	
morning set	-3343 May 18 j 01:27	20°♈10'25	
	-3343 May 22 j 16:47	0°♉	
superior conj	-3343 May 25 j 07:19	5°♉32'52	1°15'45
minimum elong	-3343 May 25 j 04:42	5°♉18'58	1°15'27
max. Earth dist.	-3343 May 28 j 02:37	11°♉26'16	1.34184 AU
evening rise	-3343 Jun 02 j 03:48	21°♉39'02	
	-3343 Jun 06 j 12:58	0°♊	
	-3343 Jun 25 j 05:41	0°♋	
desc. node	-3343 Jun 28 j 03:44	3°♋50'32	
evening max el	-3343 Jul 06 j 14:28	13°♋22'00	27°14'06
retrograde	-3343 Jul 20 j 00:25	20°♋44'26	
evening set	-3343 Jul 27 j 00:28	17°♋58'24	
min. Earth dist.	-3343 Jul 30 j 18:45	14°♋22'00	0.64730 AU
inferior conj	-3343 Aug 01 j 23:11	11°♋56'26	-3°-17'-19
minimum elong	-3343 Aug 02 j 03:07	11°♋45'31	3°16'09
morning rise	-3343 Aug 08 j 07:16	6°♋24'01	
direct	-3343 Aug 11 j 00:31	5°♋44'52	
asc. node	-3343 Aug 13 j 03:11	6°♋08'25	
morning max el	-3343 Aug 17 j 13:00	9°♋15'14	18°08'45
	-3343 Aug 31 j 15:18	0°♌	
morning set	-3343 Sep 04 j 14:44	6°♌40'18	
superior conj	-3343 Sep 18 j 11:48	29°♌28'39	0°35'37
minimum elong	-3343 Sep 18 j 15:53	29°♌45'05	0°35'08
	-3343 Sep 18 j 19:37	0°♍	
max. Earth dist.	-3343 Sep 22 j 11:50	5°♍51'26	1.44542 AU
desc. node	-3343 Sep 24 j 03:14	8°♍27'10	
evening rise	-3343 Oct 05 j 02:34	25°♍35'20	
	-3343 Oct 07 j 23:00	0°♎	
greatest brilliancy	-3343 Oct 23 j 01:41	22°♎44'30	-0.6m
	-3343 Oct 28 j 14:25	0°♏	
evening max el	-3343 Oct 30 j 14:28	2°♏13'16	19°53'24
retrograde	-3343 Nov 07 j 03:12	6°♏37'04	
asc. node	-3343 Nov 09 j 02:09	6°♏14'54	
evening set	-3343 Nov 10 j 14:59	5°♏25'57	
	-3343 Nov 15 j 17:30	30°℞♎	
inferior conj	-3343 Nov 16 j 04:39	29°♎23'14	2°16'16
minimum elong	-3343 Nov 16 j 01:55	29°♎32'15	2°15'15
min. Earth dist.	-3343 Nov 17 j 03:37	28°♎07'22	0.66508 AU
morning rise	-3343 Nov 21 j 12:12	23°♎08'16	
direct	-3343 Nov 27 j 09:44	20°♎33'46	
morning max el	-3343 Dec 09 j 08:59	27°♎39'34	25°23'02
	-3343 Dec 11 j 14:21	0°♏	
desc. node	-3343 Dec 21 j 02:51	11°♏49'24	
	-3342 Jan 02 j 10:37	0°♐	
morning set	-3342 Jan 14 j 14:04	20°♐33'09	
max. Earth dist.	-3342 Jan 18 j 09:10	27°♐33'00	1.36507 AU
	-3342 Jan 19 j 16:14	0°♑	
superior conj	-3342 Jan 24 j 07:23	9°♑01'14	-1°-38'-19
minimum elong	-3342 Jan 24 j 10:33	9°♑16'58	1°38'08
evening rise	-3342 Feb 01 j 11:28	25°♑32'05	
	-3342 Feb 03 j 17:02	0°♒	
asc. node	-3342 Feb 05 j 01:20	2°♒38'09	
evening max el	-3342 Feb 18 j 23:40	23°♒46'08	19°45'14
retrograde	-3342 Feb 28 j 17:04	28°♒23'25	
evening set	-3342 Mar 02 j 23:55	28°♒09'16	
inferior conj	-3342 Mar 11 j 14:01	24°♒06'38	1°59'31
minimum elong	-3342 Mar 11 j 18:30	23°♒59'37	1°58'05
min. Earth dist.	-3342 Mar 13 j 23:45	22°♒36'37	0.55985 AU
desc. node	-3342 Mar 19 j 01:53	19°♒57'48	
morning rise	-3342 Mar 20 j 09:47	19°♒29'36	

direct	-3342 Mar 24 j 16:06	18°♒49'06	
morning max el	-3342 Apr 07 j 14:20	25°♒48'23	24°19'09
	-3342 Apr 11 j 12:52	0°♓	
	-3342 Apr 30 j 01:07	0°♈	
morning set	-3342 May 02 j 13:34	5°♈11'47	
asc. node	-3342 May 04 j 00:53	8°♈18'32	
superior conj	-3342 May 09 j 15:36	20°♈25'15	0°55'35
minimum elong	-3342 May 09 j 13:24	20°♈13'23	0°55'14
max. Earth dist.	-3342 May 11 j 07:39	24°♈00'51	1.33286 AU
	-3342 May 14 j 03:24	0°♉	
evening rise	-3342 May 17 j 01:16	5°♉59'43	
	-3342 May 30 j 03:25	0°♊	
desc. node	-3342 Jun 15 j 00:47	22°♊11'44	
evening max el	-3342 Jun 19 j 00:26	26°♊21'37	27°24'56
	-3342 Jun 23 j 07:27	0°♋	
retrograde	-3342 Jul 02 j 18:08	3°♋44'07	
evening set	-3342 Jul 09 j 22:03	1°♋08'58	
	-3342 Jul 11 j 09:26	30°℞♊	
min. Earth dist.	-3342 Jul 13 j 12:19	28°♊04'35	0.63142 AU
inferior conj	-3342 Jul 16 j 06:27	25°♊19'44	-3°-54'-43
minimum elong	-3342 Jul 16 j 10:03	25°♊10'44	3°53'58
morning rise	-3342 Jul 23 j 00:09	20°♊05'52	
direct	-3342 Jul 25 j 13:48	19°♊34'27	
asc. node	-3342 Jul 31 j 00:16	21°♊55'13	
morning max el	-3342 Aug 01 j 04:01	22°♊58'41	17°56'04
	-3342 Aug 06 j 16:19	0°♋	
morning set	-3342 Aug 17 j 18:39	18°♋44'55	
	-3342 Aug 24 j 05:27	0°♌	
superior conj	-3342 Aug 29 j 16:34	9°♌15'57	1°13'39
minimum elong	-3342 Aug 29 j 22:13	9°♌39'30	1°13'09
max. Earth dist.	-3342 Sep 05 j 03:16	19°♌50'42	1.43539 AU
desc. node	-3342 Sep 11 j 00:11	29°♌11'15	
	-3342 Sep 11 j 12:37	0°♍	
evening rise	-3342 Sep 14 j 07:19	4°♍19'47	
	-3342 Oct 01 j 10:28	0°♎	
greatest brilliancy	-3342 Oct 08 j 01:23	9°♎05'41	-0.5m
evening max el	-3342 Oct 13 j 15:11	15°♎39'45	20°58'13
retrograde	-3342 Oct 22 j 00:18	20°♎37'23	
evening set	-3342 Oct 25 j 22:28	19°♎09'54	
asc. node	-3342 Oct 26 j 23:16	18°♎17'35	
inferior conj	-3342 Oct 31 j 08:54	12°♎57'21	1°28'15
minimum elong	-3342 Oct 31 j 06:58	13°♎03'56	1°27'28
min. Earth dist.	-3342 Oct 31 j 20:14	12°♎18'37	0.67124 AU
morning rise	-3342 Nov 05 j 15:06	6°♎40'31	
direct	-3342 Nov 10 j 21:13	4°♎25'36	
morning max el	-3342 Nov 21 j 17:42	10°♎54'00	23°59'15
	-3342 Dec 06 j 22:45	0°♏	
desc. node	-3342 Dec 07 j 23:51	1°♏29'39	
	-3342 Dec 26 j 04:52	0°♐	
morning set	-3342 Dec 27 j 06:32	1°♐49'30	
max. Earth dist.	-3342 Dec 31 j 05:39	8°♐44'59	1.38480 AU
superior conj	-3341 Jan 07 j 10:50	22°♐01'46	-1°-51'-40
minimum elong	-3341 Jan 07 j 12:56	22°♐11'45	1°51'42
	-3341 Jan 11 j 14:09	0°♑	
evening rise	-3341 Jan 16 j 09:15	9°♑24'15	
asc. node	-3341 Jan 22 j 22:23	21°♑48'58	
	-3341 Jan 27 j 22:44	0°♒	
evening max el	-3341 Feb 01 j 21:10	5°♒59'16	18°52'48
retrograde	-3341 Feb 10 j 03:43	9°♒58'20	
evening set	-3341 Feb 12 j 13:03	9°♒39'45	
inferior conj	-3341 Feb 20 j 09:55	5°♒20'27	3°14'33
minimum elong	-3341 Feb 20 j 14:22	5°♒12'23	3°13'32
min. Earth dist.	-3341 Feb 23 j 15:30	3°♒01'04	0.57511 AU
morning rise	-3341 Feb 28 j 11:53	0°♒13'22	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3341 Mar 01 j 00:54	30°℞♉	
direct	-3341 Mar 05 j 23:19	29°♉01'15	
desc. node	-3341 Mar 05 j 23:00	29°♉01'15	
	-3341 Mar 10 j 22:44	0°♒	
morning max el	-3341 Mar 20 j 05:35	6°♒25'30	25°51'24
	-3341 Apr 06 j 13:01	0°♓	
morning set	-3341 Apr 17 j 01:28	20°♓12'59	
asc. node	-3341 Apr 20 j 21:53	28°♓27'13	
	-3341 Apr 21 j 14:57	0°♈	
superior conj	-3341 Apr 24 j 02:30	5°♈25'07	0°32'52
minimum elong	-3341 Apr 24 j 01:05	5°♈17'26	0°32'35
max. Earth dist.	-3341 Apr 24 j 18:40	6°♈53'27	1.32740 AU
evening rise	-3341 May 01 j 05:39	20°♈40'55	
	-3341 May 05 j 21:31	0°♉	
	-3341 May 24 j 11:49	0°♊	
evening max el	-3341 Jun 01 j 06:10	8°♊45'55	27°03'26
desc. node	-3341 Jun 01 j 21:52	9°♊22'48	
retrograde	-3341 Jun 15 j 05:01	16°♊06'40	
evening set	-3341 Jun 22 j 03:13	13°♊56'17	
min. Earth dist.	-3341 Jun 25 j 19:43	11°♊12'10	0.61240 AU
inferior conj	-3341 Jun 29 j 01:04	8°♊22'26	-4°-18'-39
minimum elong	-3341 Jun 29 j 03:00	8°♊18'09	4°18'25
morning rise	-3341 Jul 06 j 05:42	3°♊29'59	
direct	-3341 Jul 08 j 17:38	3°♊04'19	
morning max el	-3341 Jul 15 j 17:30	6°♊32'02	18°02'08
asc. node	-3341 Jul 17 j 21:20	8°♊53'46	
	-3341 Jul 30 j 18:41	0°♋	
morning set	-3341 Jul 31 j 17:05	1°♋43'07	
superior conj	-3341 Aug 11 j 01:02	20°♋25'51	1°37'22
minimum elong	-3341 Aug 11 j 04:51	20°♋42'38	1°37'13
	-3341 Aug 16 j 14:25	0°♌	
max. Earth dist.	-3341 Aug 18 j 13:21	3°♌16'25	1.41987 AU
evening rise	-3341 Aug 24 j 19:00	13°♌25'09	
desc. node	-3341 Aug 28 j 21:10	19°♌51'10	
	-3341 Sep 04 j 13:11	0°♍	
greatest brilliancy	-3341 Sep 21 j 15:55	23°♍44'10	-0.3m
evening max el	-3341 Sep 26 j 09:42	29°♍05'14	22°13'16
	-3341 Sep 27 j 07:55	0°♎	
retrograde	-3341 Oct 05 j 19:52	4°♎41'21	
evening set	-3341 Oct 10 j 06:27	2°♎55'25	
	-3341 Oct 13 j 02:10	30°℞♍	
asc. node	-3341 Oct 13 j 20:23	29°♍01'59	
inferior conj	-3341 Oct 15 j 15:13	26°♍36'35	0°36'38
minimum elong	-3341 Oct 15 j 14:23	26°♍39'30	0°36'18
min. Earth dist.	-3341 Oct 15 j 16:00	26°♍33'54	0.67425 AU
morning rise	-3341 Oct 20 j 22:10	20°♍20'31	
direct	-3341 Oct 25 j 13:05	18°♍27'28	
morning max el	-3341 Nov 04 j 04:50	24°♍12'12	22°32'37
greatest brilliancy	-3341 Nov 08 j 21:27	29°♍29'00	-0.3m
	-3341 Nov 09 j 07:35	0°♎	
desc. node	-3341 Nov 24 j 20:50	21°♎33'26	
	-3341 Nov 30 j 10:07	0°♏	
morning set	-3341 Dec 07 j 19:03	11°♏42'29	
max. Earth dist.	-3341 Dec 13 j 02:38	20°♏32'41	1.40557 AU
	-3341 Dec 18 j 13:35	0°♐	
superior conj	-3341 Dec 20 j 21:06	4°♐07'56	-1°-55'-56
minimum elong	-3341 Dec 20 j 20:38	4°♐05'50	1°56'04
evening rise	-3341 Dec 30 j 21:17	22°♐42'42	
	-3340 Jan 03 j 18:47	0°♑	
asc. node	-3340 Jan 09 j 19:27	10°♑28'01	
evening max el	-3340 Jan 16 j 02:30	18°♑40'57	18°20'31
retrograde	-3340 Jan 23 j 08:55	22°♑17'14	
evening set	-3340 Jan 25 j 21:15	21°♑52'28	
inferior conj	-3340 Feb 02 j 02:26	17°♑12'12	3°52'40
minimum elong	-3340 Feb 02 j 04:26	17°♑07'58	3°52'23
min. Earth dist.	-3340 Feb 05 j 11:25	14°♑22'43	0.59443 AU
morning rise	-3340 Feb 09 j 08:19	11°♑41'26	
direct	-3340 Feb 15 j 19:10	9°♑50'19	
desc. node	-3340 Feb 20 j 20:05	10°♑54'23	
morning max el	-3340 Mar 01 j 01:19	17°♑28'18	27°01'27
	-3340 Mar 11 j 11:21	0°♒	
	-3340 Mar 28 j 23:16	0°♓	
morning set	-3340 Mar 31 j 11:26	5°♓07'45	
asc. node	-3340 Apr 06 j 18:54	18°♓40'21	
superior conj	-3340 Apr 07 j 14:17	20°♓26'25	0°08'28
minimum elong	-3340 Apr 07 j 13:54	20°♓24'20	0°08'21
behind sun begin	-3340 Apr 07 j 09:38	20°♓00'57	
behind sun end	-3340 Apr 07 j 18:10	20°♓47'44	
max. Earth dist.	-3340 Apr 07 j 08:03	19°♓52'18	1.32529 AU
	-3340 Apr 11 j 23:34	0°♈	
evening rise	-3340 Apr 14 j 14:26	5°♈34'16	
	-3340 Apr 27 j 14:57	0°♉	
evening max el	-3340 May 13 j 05:48	20°♉28'18	26°09'57
desc. node	-3340 May 18 j 18:58	24°♉55'15	
retrograde	-3340 May 27 j 07:51	27°♉45'23	
evening set	-3340 Jun 02 j 12:01	26°♉11'06	
min. Earth dist.	-3340 Jun 06 j 18:34	23°♉30'09	0.59190 AU
inferior conj	-3340 Jun 10 j 03:28	20°♉55'55	-4°-21'-12
minimum elong	-3340 Jun 10 j 02:15	20°♉58'16	4°21'04
morning rise	-3340 Jun 17 j 20:14	16°♉25'49	
direct	-3340 Jun 20 j 07:39	16°♉04'40	
morning max el	-3340 Jun 28 j 02:35	19°♉47'35	18°27'45
asc. node	-3340 Jul 03 j 18:23	26°♉49'09	
	-3340 Jul 05 j 18:45	0°♊	
morning set	-3340 Jul 14 j 05:09	15°♊22'32	
	-3340 Jul 21 j 21:12	0°♋	
superior conj	-3340 Jul 23 j 09:12	2°♋47'31	1°47'51
minimum elong	-3340 Jul 23 j 10:23	2°♋53'01	1°47'55
max. Earth dist.	-3340 Jul 30 j 17:30	15°♋57'58	1.40105 AU
evening rise	-3340 Aug 04 j 04:59	23°♋34'45	
	-3340 Aug 08 j 03:03	0°♌	
desc. node	-3340 Aug 14 j 18:11	10°♌23'20	
	-3340 Aug 28 j 10:42	0°♍	
evening max el	-3340 Sep 07 j 23:20	12°♍32'23	23°33'35
retrograde	-3340 Sep 18 j 12:33	18°♍46'35	
evening set	-3340 Sep 23 j 13:13	16°♍41'18	
inferior conj	-3340 Sep 28 j 21:52	10°♍19'54	0°-16'-49
minimum elong	-3340 Sep 28 j 22:16	10°♍18'34	0°16'36
min. Earth dist.	-3340 Sep 28 j 12:28	10°♍52'08	0.67427 AU
asc. node	-3340 Sep 29 j 17:29	9°♍13'08	
morning rise	-3340 Oct 04 j 07:24	4°♍07'35	
direct	-3340 Oct 08 j 08:31	2°♍35'44	
morning max el	-3340 Oct 16 j 21:26	7°♍37'28	21°11'12
greatest brilliancy	-3340 Oct 22 j 08:39	13°♍59'25	-0.5m
	-3340 Nov 02 j 19:45	0°♎	
desc. node	-3340 Nov 10 j 17:51	11°♎54'18	
morning set	-3340 Nov 16 j 04:35	20°♎20'40	
	-3340 Nov 22 j 06:09	0°♏	
max. Earth dist.	-3340 Nov 24 j 05:39	3°♏13'02	1.42455 AU
superior conj	-3340 Dec 01 j 08:39	15°♏07'00	-1°-47'-17
minimum elong	-3340 Dec 01 j 04:21	14°♏48'40	1°47'08
	-3340 Dec 09 j 20:42	0°♐	
evening rise	-3340 Dec 12 j 19:58	5°♐20'04	
asc. node	-3340 Dec 26 j 16:31	28°♐25'36	
	-3340 Dec 27 j 22:50	0°♑	
evening max el	-3340 Dec 29 j 12:54	1°♑43'38	18°08'07
retrograde	-3339 Jan 05 j 05:49	5°♑11'11	
evening set	-3339 Jan 07 j 21:12	4°♑39'04	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3339 Jan 14 j 03:59	30°℞♐	
inferior conj	-3339 Jan 14 j 13:28	29°♐37'06	4°00'48
minimum elong	-3339 Jan 14 j 12:53	29°♐38'31	4°00'41
min. Earth dist.	-3339 Jan 17 j 14:20	26°♐41'40	0.61464 AU
morning rise	-3339 Jan 21 j 02:08	23°♐50'12	
direct	-3339 Jan 28 j 01:32	21°♐25'06	
desc. node	-3339 Feb 06 j 17:11	25°♐19'18	
morning max el	-3339 Feb 11 j 03:08	29°♐09'35	27°38'37
	-3339 Feb 11 j 23:17	0°♑	
	-3339 Mar 05 j 07:12	0°♒	
morning set	-3339 Mar 15 j 17:28	19°♒48'04	
	-3339 Mar 20 j 13:44	0°♓	
max. Earth dist.	-3339 Mar 21 j 19:51	2°♓42'39	1.32669 AU
superior conj	-3339 Mar 23 j 01:14	5°♓22'18	0°-16'-49
minimum elong	-3339 Mar 23 j 02:00	5°♓26'28	0°16'44
asc. node	-3339 Mar 24 j 15:54	8°♓53'06	
evening rise	-3339 Mar 30 j 01:33	20°♓31'32	
	-3339 Apr 03 j 17:11	0°♈	
	-3339 Apr 23 j 10:58	0°♉	
evening max el	-3339 Apr 24 j 23:39	1°♉31'45	24°50'43
desc. node	-3339 May 05 j 16:04	8°♉12'09	
retrograde	-3339 May 08 j 23:59	8°♉37'53	
evening set	-3339 May 13 j 22:58	7°♉41'45	
min. Earth dist.	-3339 May 19 j 11:49	4°♉47'29	0.57272 AU
inferior conj	-3339 May 22 j 10:28	2°♉50'32	-3°-51'-53
minimum elong	-3339 May 22 j 05:37	2°♉58'38	3°51'03
	-3339 May 27 j 03:23	30°℞♈	
morning rise	-3339 May 30 j 16:21	28°♈40'23	
direct	-3339 Jun 02 j 03:57	28°♈22'40	
	-3339 Jun 07 j 18:45	0°♉	
morning max el	-3339 Jun 11 j 04:13	2°♉34'43	19°13'43
asc. node	-3339 Jun 20 j 15:25	15°♉27'38	
morning set	-3339 Jun 28 j 02:54	29°♉32'35	
	-3339 Jun 28 j 08:26	0°♊	
superior conj	-3339 Jul 06 j 11:10	16°♊03'35	1°47'46
minimum elong	-3339 Jul 06 j 10:15	15°♊59'06	1°47'51
max. Earth dist.	-3339 Jul 12 j 19:15	28°♊00'42	1.38151 AU
	-3339 Jul 13 j 21:31	0°♋	
evening rise	-3339 Jul 16 j 16:56	4°♋59'59	
	-3339 Aug 01 j 03:49	0°♌	
desc. node	-3339 Aug 01 j 15:12	0°♌42'20	
evening max el	-3339 Aug 21 j 10:33	26°♌02'54	24°52'34
	-3339 Aug 26 j 00:14	0°♍	
retrograde	-3339 Sep 02 j 01:15	2°♍48'48	
evening set	-3339 Sep 07 j 16:59	0°♍25'03	
	-3339 Sep 08 j 04:09	30°℞♌	
min. Earth dist.	-3339 Sep 12 j 07:07	25°♌11'07	0.67117 AU
inferior conj	-3339 Sep 13 j 03:06	24°♌04'53	-1°-10'-32
minimum elong	-3339 Sep 13 j 04:46	23°♌59'20	1°09'47
asc. node	-3339 Sep 16 j 14:34	19°♌49'21	
morning rise	-3339 Sep 18 j 16:55	17°♌59'31	
direct	-3339 Sep 22 j 06:12	16°♌46'31	
morning max el	-3339 Sep 29 j 21:12	21°♌11'23	20°00'45
	-3339 Oct 07 j 00:48	0°♍	
greatest brilliancy	-3339 Oct 07 j 06:53	0°♍20'59	-0.6m
morning set	-3339 Oct 26 j 02:25	28°♍32'26	
	-3339 Oct 27 j 01:00	0°♎	
desc. node	-3339 Oct 28 j 14:51	2°♎27'03	
max. Earth dist.	-3339 Nov 06 j 16:17	16°♎43'18	1.43906 AU
superior conj	-3339 Nov 11 j 17:09	24°♎50'14	-1°-22'-15
minimum elong	-3339 Nov 11 j 10:01	24°♎21'11	1°21'36
	-3339 Nov 14 j 20:48	0°♏	
evening rise	-3339 Nov 25 j 00:56	17°♏08'05	
	-3339 Dec 02 j 14:01	0°♐	

evening max el	-3339 Dec 13 j 01:30	15°♐00'08	18°14'53
asc. node	-3339 Dec 13 j 13:34	15°♐29'47	
retrograde	-3339 Dec 19 j 14:16	18°♐31'09	
evening set	-3339 Dec 22 j 09:19	17°♐50'30	
inferior conj	-3339 Dec 28 j 15:21	12°♐27'52	3°47'33
minimum elong	-3339 Dec 28 j 13:03	12°♐34'08	3°47'08
min. Earth dist.	-3339 Dec 31 j 02:26	9°♐47'33	0.63312 AU
morning rise	-3338 Jan 03 j 15:07	6°♐29'39	
direct	-3338 Jan 10 j 15:59	3°♐44'15	
morning max el	-3338 Jan 24 j 09:56	11°♐29'25	27°39'21
desc. node	-3338 Jan 24 j 14:15	11°♐40'07	
	-3338 Feb 08 j 03:15	0°♑	
	-3338 Feb 25 j 15:22	0°♒	
morning set	-3338 Feb 27 j 17:13	4°♒05'58	
max. Earth dist.	-3338 Mar 05 j 02:21	15°♒11'41	1.33193 AU
superior conj	-3338 Mar 07 j 09:40	20°♒06'48	0°-42'-5
minimum elong	-3338 Mar 07 j 11:33	20°♒16'54	0°41'48
asc. node	-3338 Mar 11 j 12:55	29°♒01'25	
	-3338 Mar 11 j 23:49	0°♓	
evening rise	-3338 Mar 14 j 13:12	5°♓26'21	
	-3338 Mar 27 j 20:15	0°♈	
evening max el	-3338 Apr 06 j 15:29	12°♈14'21	23°17'42
retrograde	-3338 Apr 20 j 03:04	18°♈54'51	
desc. node	-3338 Apr 22 j 13:07	18°♈41'54	
evening set	-3338 Apr 23 j 17:55	18°♈26'12	
min. Earth dist.	-3338 May 01 j 02:11	15°♈06'45	0.55827 AU
inferior conj	-3338 May 02 j 21:42	14°♈02'39	-2°-42'-6
minimum elong	-3338 May 02 j 15:39	14°♈11'36	2°40'24
morning rise	-3338 May 11 j 16:33	10°♈05'01	
direct	-3338 May 14 j 05:51	9°♈49'03	
morning max el	-3338 May 24 j 19:55	14°♈44'19	20°20'08
	-3338 Jun 04 j 23:21	0°♉	
asc. node	-3338 Jun 07 j 12:26	4°♉38'54	
morning set	-3338 Jun 12 j 07:26	14°♉05'39	
superior conj	-3338 Jun 20 j 02:00	0°♊00'11	1°39'43
minimum elong	-3338 Jun 19 j 23:49	29°♉49'11	1°39'40
	-3338 Jun 20 j 01:58	0°♊	
max. Earth dist.	-3338 Jun 25 j 00:54	9°♊48'14	1.36356 AU
evening rise	-3338 Jun 29 j 03:21	17°♊32'29	
	-3338 Jul 06 j 04:45	0°♋	
desc. node	-3338 Jul 19 j 12:12	20°♋41'54	
	-3338 Jul 26 j 10:13	0°♌	
evening max el	-3338 Aug 03 j 21:34	9°♌35'33	26°02'16
retrograde	-3338 Aug 16 j 09:12	16°♌43'05	
evening set	-3338 Aug 22 j 15:43	14°♌04'22	
min. Earth dist.	-3338 Aug 26 j 21:26	9°♌28'19	0.66480 AU
inferior conj	-3338 Aug 28 j 05:03	7°♌48'53	-2°-2'-52
minimum elong	-3338 Aug 28 j 07:54	7°♌39'57	2°01'44
morning rise	-3338 Sep 03 j 00:48	1°♌53'53	
asc. node	-3338 Sep 03 j 11:39	1°♌38'40	
direct	-3338 Sep 06 j 04:29	0°♌56'37	
morning max el	-3338 Sep 13 j 03:54	4°♌53'11	19°04'28
	-3338 Sep 30 j 19:03	0°♍	
morning set	-3338 Oct 05 j 12:12	7°♍24'58	
desc. node	-3338 Oct 15 j 11:48	23°♍07'00	
	-3338 Oct 19 j 20:44	0°♎	
max. Earth dist.	-3338 Oct 20 j 08:41	0°♎47'07	1.44724 AU
superior conj	-3338 Oct 22 j 01:07	3°♎26'48	0°-40'-59
minimum elong	-3338 Oct 21 j 19:59	3°♎06'29	0°40'22
evening rise	-3338 Nov 06 j 07:37	27°♎57'13	
	-3338 Nov 07 j 13:42	0°♏	
evening max el	-3338 Nov 26 j 13:31	28°♏23'29	18°39'56
	-3338 Nov 28 j 07:12	0°♐	
asc. node	-3338 Nov 30 j 10:39	1°♐25'17	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3338 Dec 03 j 06:09	2°♐08'20	
evening set	-3338 Dec 06 j 06:11	1°♐17'33	
	-3338 Dec 08 j 01:50	30°℞♏	
inferior conj	-3338 Dec 12 j 04:18	25°♏36'43	3°19'35
minimum elong	-3338 Dec 12 j 01:16	25°♏45'49	3°18'47
min. Earth dist.	-3338 Dec 14 j 00:25	23°♏24'56	0.64840 AU
morning rise	-3338 Dec 17 j 19:13	19°♏29'56	
direct	-3338 Dec 24 j 13:04	16°♏39'36	
morning max el	-3337 Jan 06 j 19:20	24°♏18'32	27°06'20
desc. node	-3337 Jan 11 j 11:18	29°♏23'24	
	-3337 Jan 11 j 23:40	0°♐	
	-3337 Feb 01 j 12:03	0°♑	
morning set	-3337 Feb 11 j 07:39	17°♑50'56	
max. Earth dist.	-3337 Feb 15 j 23:49	27°♑08'35	1.34136 AU
	-3337 Feb 17 j 09:14	0°♒	
superior conj	-3337 Feb 19 j 13:37	4°♒32'43	-1°-6'-13
minimum elong	-3337 Feb 19 j 16:25	4°♒47'24	1°05'51
asc. node	-3337 Feb 26 j 09:55	19°♒00'24	
evening rise	-3337 Feb 26 j 23:35	20°♒11'43	
	-3337 Mar 03 j 20:25	0°♓	
evening max el	-3337 Mar 19 j 11:22	23°♓02'33	21°45'04
retrograde	-3337 Mar 31 j 19:13	29°♓00'24	
evening set	-3337 Apr 03 j 10:57	28°♓44'35	
desc. node	-3337 Apr 09 j 10:12	26°♓31'36	
inferior conj	-3337 Apr 12 j 19:01	24°♓41'37	0°-56'-7
minimum elong	-3337 Apr 12 j 16:24	24°♓45'17	0°55'14
min. Earth dist.	-3337 Apr 12 j 15:45	24°♓46'12	0.55155 AU
morning rise	-3337 Apr 21 j 22:39	20°♓42'01	
direct	-3337 Apr 24 j 18:59	20°♓24'05	
morning max el	-3337 May 07 j 00:41	26°♓11'47	21°45'01
	-3337 May 10 j 14:40	0°♈	
asc. node	-3337 May 25 j 09:28	24°♈14'26	
morning set	-3337 May 27 j 16:25	28°♈54'53	
	-3337 May 28 j 04:58	0°♉	
superior conj	-3337 Jun 04 j 01:50	14°♉25'55	1°25'48
minimum elong	-3337 Jun 03 j 23:11	14°♉12'06	1°25'35
max. Earth dist.	-3337 Jun 07 j 15:08	21°♉45'17	1.34865 AU
	-3337 Jun 11 j 18:57	0°♊	
evening rise	-3337 Jun 12 j 06:57	0°♊57'47	
	-3337 Jun 29 j 05:07	0°♋	
desc. node	-3337 Jul 06 j 09:11	10°♋13'45	
evening max el	-3337 Jul 17 j 08:58	23°♋03'59	26°54'41
	-3337 Jul 27 j 18:45	0°♌	
retrograde	-3337 Jul 30 j 12:06	0°♌23'30	
	-3337 Aug 02 j 02:28	30°℞♋	
evening set	-3337 Aug 06 j 07:10	27°♋36'50	
min. Earth dist.	-3337 Aug 10 j 05:07	23°♋39'34	0.65478 AU
inferior conj	-3337 Aug 12 j 01:45	21°♋29'13	-2°-51'-45
minimum elong	-3337 Aug 12 j 05:27	21°♋18'25	2°50'30
morning rise	-3337 Aug 18 j 04:57	15°♋47'53	
direct	-3337 Aug 21 j 01:20	15°♋03'03	
asc. node	-3337 Aug 21 j 08:45	15°♋03'35	
morning max el	-3337 Aug 27 j 15:53	18°♋40'22	18°24'15
	-3337 Sep 05 j 02:52	0°♌	
morning set	-3337 Sep 16 j 00:05	17°♌35'05	
	-3337 Sep 23 j 15:50	0°♍	
superior conj	-3337 Oct 01 j 00:55	11°♍45'25	0°08'29
minimum elong	-3337 Oct 01 j 02:01	11°♍49'45	0°08'22
behind sun begin	-3337 Sep 30 j 16:17	11°♍11'16	
behind sun end	-3337 Oct 01 j 11:44	12°♍28'12	
desc. node	-3337 Oct 02 j 08:46	13°♍51'13	
max. Earth dist.	-3337 Oct 03 j 03:10	15°♍03'50	1.44818 AU
	-3337 Oct 12 j 15:20	0°♎	
evening rise	-3337 Oct 17 j 13:36	7°♎43'57	
greatest brilliancy	-3337 Oct 31 j 08:01	29°♎06'17	-0.7m
	-3337 Oct 31 j 22:26	0°♏	
evening max el	-3337 Nov 09 j 22:31	11°♏49'46	19°22'03
retrograde	-3337 Nov 17 j 02:10	15°♏57'27	
asc. node	-3337 Nov 17 j 07:44	15°♏57'08	
evening set	-3337 Nov 20 j 08:59	14°♏54'29	
inferior conj	-3337 Nov 26 j 01:13	8°♏58'34	2°41'30
minimum elong	-3337 Nov 25 j 22:13	9°♏08'13	2°40'30
min. Earth dist.	-3337 Nov 27 j 07:24	7°♏21'42	0.66002 AU
morning rise	-3337 Dec 01 j 10:38	2°♏45'42	
direct	-3337 Dec 07 j 16:18	0°♏02'53	
morning max el	-3337 Dec 20 j 04:58	7°♏25'04	26°06'15
desc. node	-3337 Dec 29 j 08:21	18°♏05'00	
	-3336 Jan 06 j 20:48	0°♐	
	-3336 Jan 24 j 21:39	0°♑	
morning set	-3336 Jan 25 j 08:39	0°♑50'58	
max. Earth dist.	-3336 Jan 29 j 09:42	8°♑31'36	1.35522 AU
superior conj	-3336 Feb 03 j 10:39	18°♑32'57	-1°-27'-48
minimum elong	-3336 Feb 03 j 13:54	18°♑49'29	1°27'31
	-3336 Feb 09 j 00:09	0°♒	
evening rise	-3336 Feb 11 j 06:51	4°♒41'41	
asc. node	-3336 Feb 13 j 06:57	8°♒45'28	
	-3336 Feb 25 j 19:28	0°♓	
evening max el	-3336 Feb 29 j 16:30	4°♓19'29	20°24'01
retrograde	-3336 Mar 11 j 09:36	9°♓25'29	
evening set	-3336 Mar 13 j 16:25	9°♓12'32	
inferior conj	-3336 Mar 22 j 15:25	5°♓14'15	1°00'32
minimum elong	-3336 Mar 22 j 18:04	5°♓10'21	0°59'35
min. Earth dist.	-3336 Mar 24 j 05:52	4°♓17'43	0.55419 AU
desc. node	-3336 Mar 26 j 07:20	3°♓08'08	
morning rise	-3336 Mar 31 j 17:32	0°♓53'56	
direct	-3336 Apr 04 j 08:00	0°♓25'39	
morning max el	-3336 Apr 17 j 20:17	7°♓03'19	23°22'09
	-3336 May 04 j 03:13	0°♈	
morning set	-3336 May 11 j 03:51	13°♈53'34	
asc. node	-3336 May 11 j 06:28	14°♈07'13	
superior conj	-3336 May 18 j 07:42	29°♈11'00	1°07'35
minimum elong	-3336 May 18 j 05:12	28°♈57'39	1°07'14
	-3336 May 18 j 16:52	0°♉	
max. Earth dist.	-3336 May 20 j 14:59	4°♉04'39	1.33746 AU
evening rise	-3336 May 25 j 22:58	15°♉01'39	
	-3336 Jun 02 j 21:52	0°♊	
desc. node	-3336 Jun 22 j 06:14	29°♊05'36	
	-3336 Jun 23 j 00:19	0°♋	
evening max el	-3336 Jun 28 j 19:49	6°♋17'00	27°22'30
retrograde	-3336 Jul 12 j 09:35	13°♋40'47	
evening set	-3336 Jul 19 j 12:19	10°♋57'20	
min. Earth dist.	-3336 Jul 23 j 04:12	7°♋35'53	0.64092 AU
inferior conj	-3336 Jul 25 j 14:43	5°♋00'22	-3°-34'-29
minimum elong	-3336 Jul 25 j 18:39	4°♋49'56	3°33'28
	-3336 Jul 31 j 07:33	30°℞♊	
morning rise	-3336 Aug 01 j 02:46	29°♊35'50	
direct	-3336 Aug 03 j 18:09	29°♊00'23	
asc. node	-3336 Aug 07 j 05:50	0°♋01'59	
	-3336 Aug 07 j 04:26	0°♋	
morning max el	-3336 Aug 10 j 06:36	2°♋27'06	18°01'13
morning set	-3336 Aug 27 j 14:43	29°♋01'35	
	-3336 Aug 28 j 04:22	0°♌	
superior conj	-3336 Sep 09 j 15:00	20°♌49'15	0°53'23
minimum elong	-3336 Sep 09 j 20:20	21°♌10'54	0°52'50
max. Earth dist.	-3336 Sep 14 j 20:02	29°♌12'42	1.44190 AU
	-3336 Sep 15 j 07:55	0°♍	
desc. node	-3336 Sep 18 j 05:42	4°♍36'15	
evening rise	-3336 Sep 25 j 23:23	16°♍39'53	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3336 Oct 04 j 16:41	0°♎		
greatest brilliancy	-3336 Oct 16 j 12:58	17°♎15'26	-0.6m	
evening max el	-3336 Oct 23 j 02:34	25°♎16'21	20°19'24	
retrograde	-3336 Oct 30 j 23:30	29°♎54'18		
asc. node	-3336 Nov 03 j 04:50	28°♎54'13		
evening set	-3336 Nov 03 j 15:21	28°♎36'39		
inferior conj	-3336 Nov 09 j 03:27	22°♎29'12	1°56'27	
minimum elong	-3336 Nov 09 j 01:01	22°♎37'23	1°55'30	
min. Earth dist.	-3336 Nov 09 j 21:20	21°♎29'03	0.66810 AU	
morning rise	-3336 Nov 14 j 10:07	16°♎12'49		
direct	-3336 Nov 20 j 01:04	13°♎46'07		
morning max el	-3336 Dec 01 j 13:42	20°♎38'01	24°48'12	
	-3336 Dec 09 j 15:47	0°♏		
desc. node	-3336 Dec 15 j 05:23	7°♏27'32		
	-3336 Dec 30 j 01:41	0°♐		
morning set	-3335 Jan 06 j 14:52	12°♐50'36		
max. Earth dist.	-3335 Jan 10 j 09:02	19°♐36'40	1.37313 AU	
	-3335 Jan 15 j 21:14	0°♑		
superior conj	-3335 Jan 16 j 21:41	1°♑58'45	-1°-44'-53	
minimum elong	-3335 Jan 17 j 00:33	2°♑12'47	1°44'48	
evening rise	-3335 Jan 25 j 08:50	18°♑49'49		
asc. node	-3335 Jan 30 j 03:59	28°♑11'05		
	-3335 Jan 31 j 03:26	0°♒		
evening max el	-3335 Feb 11 j 08:31	16°♒13'51	19°20'32	
retrograde	-3335 Feb 20 j 10:10	20°♒33'05		
evening set	-3335 Feb 22 j 17:39	20°♒17'29		
inferior conj	-3335 Mar 03 j 00:29	16°♒09'01	2°35'59	
minimum elong	-3335 Mar 03 j 05:24	16°♒00'51	2°34'36	
min. Earth dist.	-3335 Mar 05 j 21:00	14°♒15'53	0.56555 AU	
morning rise	-3335 Mar 11 j 13:20	11°♒18'24		
desc. node	-3335 Mar 13 j 04:27	10°♒48'56		
direct	-3335 Mar 16 j 08:06	10°♒25'50		
morning max el	-3335 Mar 30 j 11:24	17°♒38'34	25°00'13	
	-3335 Apr 09 j 14:59	0°♓		
morning set	-3335 Apr 25 j 16:05	28°♓56'02		
	-3335 Apr 26 j 04:14	0°♈		
asc. node	-3335 Apr 28 j 03:29	4°♈12'00		
superior conj	-3335 May 02 j 17:22	14°♈08'08	0°46'14	
minimum elong	-3335 May 02 j 15:28	13°♈57'49	0°45'53	
max. Earth dist.	-3335 May 03 j 22:48	16°♈47'45	1.33004 AU	
evening rise	-3335 May 09 j 23:45	29°♈32'51		
	-3335 May 10 j 05:05	0°♉		
	-3335 May 27 j 00:50	0°♊		
desc. node	-3335 Jun 09 j 03:19	17°♊00'23		
evening max el	-3335 Jun 11 j 04:17	19°♊03'11	27°19'56	
retrograde	-3335 Jun 25 j 00:52	26°♊25'49		
evening set	-3335 Jul 02 j 03:29	23°♊59'32		
min. Earth dist.	-3335 Jul 05 j 17:35	21°♊05'26	0.62357 AU	
inferior conj	-3335 Jul 08 j 17:02	18°♊16'10	-4°-7'00	
minimum elong	-3335 Jul 08 j 20:07	18°♊08'50	4°06'27	
morning rise	-3335 Jul 15 j 15:14	13°♊11'06		
direct	-3335 Jul 18 j 03:49	12°♊42'28		
morning max el	-3335 Jul 24 j 21:19	16°♊07'22	17°56'18	
asc. node	-3335 Jul 25 j 02:54	16°♊21'13		
	-3335 Aug 03 j 15:06	0°♋		
morning set	-3335 Aug 10 j 03:10	11°♋30'41		
	-3335 Aug 20 j 14:49	0°♌		
superior conj	-3335 Aug 21 j 07:41	1°♌12'05	1°25'28	
minimum elong	-3335 Aug 21 j 12:48	1°♌33'54	1°25'06	
max. Earth dist.	-3335 Aug 28 j 08:51	12°♌57'33	1.42934 AU	
evening rise	-3335 Sep 05 j 04:36	25°♌26'37		
desc. node	-3335 Sep 05 j 02:41	25°♌19'08		
	-3335 Sep 08 j 03:03	0°♍		
	-3335 Sep 28 j 17:38	0°♎		

greatest brilliancy	-3335 Sep 30 j 23:03	2°♎52'20	-0.4m	
evening max el	-3335 Oct 06 j 00:40	8°♎42'43	21°29'11	
retrograde	-3335 Oct 14 j 20:08	13°♎56'27		
evening set	-3335 Oct 18 j 23:15	12°♎21'34		
asc. node	-3335 Oct 21 j 01:57	10°♎20'14		
inferior conj	-3335 Oct 24 j 08:50	6°♎06'03	1°06'42	
minimum elong	-3335 Oct 24 j 07:20	6°♎11'12	1°06'05	
min. Earth dist.	-3335 Oct 24 j 15:40	5°♎42'30	0.67292 AU	
	-3335 Oct 29 j 10:04	30°℞♍		
morning rise	-3335 Oct 29 j 15:05	29°♍49'03		
direct	-3335 Nov 03 j 14:42	27°♍43'03		
	-3335 Nov 09 j 11:54	0°♎		
morning max el	-3335 Nov 13 j 22:54	3°♎53'26	23°22'04	
greatest brilliancy	-3335 Nov 19 j 11:57	10°♎09'44	-0.2m	
desc. node	-3335 Dec 02 j 02:23	27°♎18'59		
	-3335 Dec 03 j 22:05	0°♏		
morning set	-3335 Dec 18 j 19:57	23°♏32'38		
	-3335 Dec 22 j 14:51	0°♐		
max. Earth dist.	-3335 Dec 23 j 04:21	0°♐58'37	1.39366 AU	
superior conj	-3335 Dec 30 j 18:31	14°♐38'19	-1°-54'-48	
minimum elong	-3335 Dec 30 j 19:44	14°♐43'56	1°54'55	
	-3334 Jan 07 j 20:06	0°♑		
evening rise	-3334 Jan 09 j 02:52	2°♑28'36		
asc. node	-3334 Jan 17 j 01:03	17°♑09'40		
evening max el	-3334 Jan 25 j 09:48	28°♑40'53	18°36'39	
	-3334 Jan 26 j 21:56	0°♒		
retrograde	-3334 Feb 02 j 04:30	2°♒27'55		
evening set	-3334 Feb 04 j 15:16	2°♒06'47		
	-3334 Feb 08 j 23:38	30°℞♑		
inferior conj	-3334 Feb 12 j 05:10	27°♑39'07	3°34'54	
minimum elong	-3334 Feb 12 j 08:43	27°♑32'15	3°34'15	
min. Earth dist.	-3334 Feb 15 j 14:10	25°♑04'01	0.58306 AU	
morning rise	-3334 Feb 19 j 22:31	22°♑21'13		
direct	-3334 Feb 25 j 21:20	20°♑52'25		
desc. node	-3334 Feb 28 j 01:34	21°♑04'13		
morning max el	-3334 Mar 12 j 03:53	28°♑23'31	26°24'36	
	-3334 Mar 13 j 18:06	0°♒		
	-3334 Apr 03 j 02:58	0°♓		
morning set	-3334 Apr 10 j 03:22	13°♓55'11		
asc. node	-3334 Apr 15 j 00:30	24°♓23'13		
superior conj	-3334 Apr 17 j 04:50	29°♓09'24	0°22'41	
minimum elong	-3334 Apr 17 j 03:51	29°♓03'59	0°22'28	
max. Earth dist.	-3334 Apr 17 j 11:15	29°♓44'32	1.32612 AU	
	-3334 Apr 17 j 14:05	0°♈		
evening rise	-3334 Apr 24 j 06:18	14°♈20'30		
	-3334 May 02 j 06:22	0°♉		
	-3334 May 23 j 03:04	0°♊		
evening max el	-3334 May 24 j 07:47	1°♊10'42	26°44'27	
desc. node	-3334 May 27 j 00:24	3°♊33'37		
retrograde	-3334 Jun 07 j 08:23	8°♊29'41		
evening set	-3334 Jun 14 j 00:20	6°♊34'04		
min. Earth dist.	-3334 Jun 17 j 21:16	3°♊53'11	0.60372 AU	
inferior conj	-3334 Jun 21 j 05:12	1°♊07'40	-4°-22'-58	
minimum elong	-3334 Jun 21 j 05:57	1°♊06'05	4°22'52	
	-3334 Jun 22 j 14:11	30°℞♉		
morning rise	-3334 Jun 28 j 14:47	26°♉24'21		
direct	-3334 Jul 01 j 02:25	26°♉00'41		
morning max el	-3334 Jul 08 j 09:10	29°♉33'33	18°10'33	
	-3334 Jul 08 j 19:55	0°♊		
asc. node	-3334 Jul 11 j 23:56	3°♊45'22		
morning set	-3334 Jul 24 j 07:57	24°♊47'49		
	-3334 Jul 27 j 02:32	0°♋		
superior conj	-3334 Aug 03 j 02:50	12°♋53'50	1°43'18	
minimum elong	-3334 Aug 03 j 05:32	13°♋05'57	1°43'15	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3334 Aug 10 j 16:25	26°♋05'33	1.41214 AU
	-3334 Aug 13 j 00:23	0°♌	
evening rise	-3334 Aug 16 j 00:35	4°♌56'05	
desc. node	-3334 Aug 22 j 23:40	15°♌56'26	
	-3334 Sep 01 j 09:55	0°♍	
greatest brilliancy	-3334 Sep 13 j 19:21	16°♍40'09	-0.3m
evening max el	-3334 Sep 18 j 17:01	22°♍09'34	22°47'14
retrograde	-3334 Sep 28 j 14:29	28°♍01'39	
evening set	-3334 Oct 03 j 06:56	26°♍07'35	
asc. node	-3334 Oct 07 j 23:02	20°♍44'10	
inferior conj	-3334 Oct 08 j 15:29	19°♍47'31	0°14'08
minimum elong	-3334 Oct 08 j 15:09	19°♍48'40	0°14'01
transit middle	-3334 Oct 08 j 15:09	19°♍48'40	0°14'01
transit begin	-3334 Oct 08 j 13:46	19°♍53'28	
transit end	-3334 Oct 08 j 16:33	19°♍43'52	
min. Earth dist.	-3334 Oct 08 j 11:58	19°♍59'39	0.67464 AU
morning rise	-3334 Oct 13 j 23:19	13°♍32'48	
direct	-3334 Oct 18 j 08:16	11°♍48'47	
morning max el	-3334 Oct 27 j 11:55	17°♍14'12	21°57'00
greatest brilliancy	-3334 Nov 01 j 07:57	22°♍44'03	-0.4m
	-3334 Nov 06 j 21:01	0°♎	
desc. node	-3334 Nov 18 j 23:22	17°♎31'16	
	-3334 Nov 27 j 01:11	0°♏	
morning set	-3334 Nov 28 j 20:14	2°♏51'12	
max. Earth dist.	-3334 Dec 05 j 03:53	13°♏10'12	1.41409 AU
superior conj	-3334 Dec 12 j 19:56	26°♏18'41	-1°-54'-6
minimum elong	-3334 Dec 12 j 17:56	26°♏09'52	1°54'09
	-3334 Dec 14 j 21:51	0°♐	
evening rise	-3334 Dec 23 j 09:46	15°♐31'16	
	-3334 Dec 31 j 10:35	0°♑	
asc. node	-3333 Jan 03 j 22:07	5°♑32'43	
evening max el	-3333 Jan 08 j 17:41	11°♑33'01	18°12'46
retrograde	-3333 Jan 15 j 16:56	15°♑03'46	
evening set	-3333 Jan 18 j 06:40	14°♑35'51	
inferior conj	-3333 Jan 25 j 05:58	9°♑46'01	3°59'14
minimum elong	-3333 Jan 25 j 06:49	9°♑44'07	3°59'05
min. Earth dist.	-3333 Jan 28 j 12:26	6°♑51'26	0.60319 AU
morning rise	-3333 Feb 01 j 04:06	4°♑07'53	
direct	-3333 Feb 07 j 21:47	2°♑01'19	
desc. node	-3333 Feb 14 j 22:40	4°♑06'19	
morning max el	-3333 Feb 22 j 02:04	9°♑41'38	27°21'36
	-3333 Mar 09 j 18:19	0°♒	
morning set	-3333 Mar 25 j 11:54	28°♒44'32	
	-3333 Mar 26 j 02:25	0°♓	
max. Earth dist.	-3333 Apr 01 j 00:35	12°♓42'07	1.32555 AU
superior conj	-3333 Apr 01 j 16:27	14°♓08'52	0°-2'-13
minimum elong	-3333 Apr 01 j 16:33	14°♓09'24	0°02'15
behind sun begin	-3333 Apr 01 j 11:34	13°♓42'10	
behind sun end	-3333 Apr 01 j 21:32	14°♓36'39	
asc. node	-3333 Apr 01 j 21:31	14°♓36'37	
evening rise	-3333 Apr 08 j 16:19	29°♓16'23	
	-3333 Apr 09 j 00:38	0°♈	
	-3333 Apr 25 j 19:25	0°♉	
evening max el	-3333 May 06 j 04:46	12°♉35'00	25°38'40
desc. node	-3333 May 13 j 21:30	18°♉12'56	
retrograde	-3333 May 20 j 06:30	19°♉47'55	
evening set	-3333 May 25 j 23:34	18°♉30'22	
min. Earth dist.	-3333 May 30 j 17:02	15°♉45'41	0.58345 AU
inferior conj	-3333 Jun 02 j 23:34	13°♉25'06	-4°-13'-17
minimum elong	-3333 Jun 02 j 20:43	13°♉30'14	4°12'57
morning rise	-3333 Jun 10 j 21:48	9°♉03'59	
direct	-3333 Jun 13 j 09:27	8°♉44'16	
morning max el	-3333 Jun 21 j 15:19	12°♉37'25	18°44'50
asc. node	-3333 Jun 28 j 20:59	22°♉00'08	
	-3333 Jul 03 j 11:16	0°♊	
morning set	-3333 Jul 08 j 00:29	8°♊41'03	
superior conj	-3333 Jul 16 j 19:12	25°♊40'07	1°48'56
minimum elong	-3333 Jul 16 j 19:23	25°♊41'01	1°49'03
	-3333 Jul 19 j 02:45	0°♋	
max. Earth dist.	-3333 Jul 23 j 19:21	8°♋30'21	1.39265 AU
evening rise	-3333 Jul 27 j 21:36	15°♋37'05	
	-3333 Aug 05 j 16:53	0°♌	
desc. node	-3333 Aug 09 j 20:40	6°♌23'29	
	-3333 Aug 27 j 02:34	0°♍	
evening max el	-3333 Sep 01 j 05:16	5°♍37'35	24°07'51
retrograde	-3333 Sep 12 j 05:27	12°♍05'58	
evening set	-3333 Sep 17 j 12:37	9°♍52'20	
inferior conj	-3333 Sep 22 j 21:41	3°♍31'09	0°-39'-40
minimum elong	-3333 Sep 22 j 22:37	3°♍27'58	0°39'13
min. Earth dist.	-3333 Sep 22 j 07:47	4°♍18'08	0.67332 AU
asc. node	-3333 Sep 24 j 20:06	0°♍58'08	
	-3333 Sep 25 j 15:16	30°℞♌	
morning rise	-3333 Sep 28 j 08:51	27°♌21'42	
direct	-3333 Oct 02 j 04:41	25°♌58'18	
	-3333 Oct 09 j 14:08	0°♍	
morning max el	-3333 Oct 10 j 07:30	0°♍43'02	20°39'48
greatest brilliancy	-3333 Oct 16 j 10:41	8°♍01'09	-0.5m
	-3333 Oct 31 j 15:25	0°♎	
desc. node	-3333 Nov 05 j 20:20	7°♎57'35	
morning set	-3333 Nov 07 j 22:04	11°♎10'05	
max. Earth dist.	-3333 Nov 17 j 10:46	26°♎15'18	1.43140 AU
	-3333 Nov 19 j 18:04	0°♏	
superior conj	-3333 Nov 23 j 20:13	6°♏45'29	-1°-38'-49
minimum elong	-3333 Nov 23 j 14:22	6°♏21'02	1°38'26
evening rise	-3333 Dec 06 j 01:28	27°♏48'53	
	-3333 Dec 07 j 07:11	0°♐	
asc. node	-3333 Dec 21 j 19:10	23°♐09'07	
evening max el	-3333 Dec 23 j 05:17	24°♐41'56	18°08'36
retrograde	-3333 Dec 29 j 19:28	28°♐09'54	
evening set	-3332 Jan 01 j 12:14	27°♐34'20	
inferior conj	-3332 Jan 07 j 23:48	22°♐23'02	3°57'22
minimum elong	-3332 Jan 07 j 22:22	22°♐26'42	3°57'08
min. Earth dist.	-3332 Jan 10 j 19:04	19°♐32'01	0.62282 AU
morning rise	-3332 Jan 14 j 06:27	16°♐30'38	
direct	-3332 Jan 21 j 07:28	13°♐55'21	
desc. node	-3332 Feb 01 j 19:44	19°♐24'57	
morning max el	-3332 Feb 04 j 06:31	21°♐40'48	27°43'24
	-3332 Feb 11 j 14:19	0°♑	
	-3332 Mar 01 j 18:58	0°♒	
morning set	-3332 Mar 08 j 15:37	13°♒16'45	
max. Earth dist.	-3332 Mar 14 j 10:48	25°♒26'00	1.32846 AU
superior conj	-3332 Mar 16 j 02:33	29°♒00'40	0°-27'-37
minimum elong	-3332 Mar 16 j 03:48	29°♒07'27	0°27'25
	-3332 Mar 16 j 13:30	0°♓	
asc. node	-3332 Mar 18 j 18:32	4°♓48'05	
evening rise	-3332 Mar 23 j 03:53	14°♓13'32	
	-3332 Mar 31 j 03:40	0°♈	
evening max el	-3332 Apr 16 j 20:55	23°♈26'13	24°11'51
	-3332 Apr 27 j 11:27	0°♉	
desc. node	-3332 Apr 29 j 18:35	0°♉22'08	
retrograde	-3332 Apr 30 j 17:25	0°♉24'13	
	-3332 May 04 j 00:01	30°℞♈	
evening set	-3332 May 05 j 02:33	29°♈41'19	
min. Earth dist.	-3332 May 11 j 08:30	26°♈37'47	0.56578 AU
inferior conj	-3332 May 13 j 21:55	25°♈01'39	-3°-27'-26
minimum elong	-3332 May 13 j 16:03	25°♈10'54	3°26'07
morning rise	-3332 May 22 j 09:34	20°♈58'36	
direct	-3332 May 24 j 21:32	20°♈41'59	
morning max el	-3332 Jun 03 j 13:05	25°♈10'22	19°39'37

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3332 Jun 07 j 20:00	0°♉	
asc. node	-3332 Jun 14 j 18:01	10°♉54'01	
morning set	-3332 Jun 21 j 01:27	23°♉02'12	
	-3332 Jun 24 j 12:16	0°♊	
superior conj	-3332 Jun 29 j 03:15	9°♊15'50	1°45'11
minimum elong	-3332 Jun 29 j 01:41	9°♊08'07	1°45'14
max. Earth dist.	-3332 Jul 04 j 21:55	20°♊23'19	1.37350 AU
evening rise	-3332 Jul 08 j 19:45	27°♊32'51	
	-3332 Jul 10 j 04:52	0°♋	
desc. node	-3332 Jul 26 j 17:40	26°♋35'24	
	-3332 Jul 29 j 02:38	0°♌	
evening max el	-3332 Aug 13 j 15:58	19°♌08'46	25°23'48
retrograde	-3332 Aug 25 j 16:18	26°♌05'50	
evening set	-3332 Aug 31 j 14:30	23°♌34'47	
min. Earth dist.	-3332 Sep 05 j 00:51	18°♌36'51	0.66885 AU
inferior conj	-3332 Sep 06 j 01:44	17°♌16'00	-1°-33'-2
minimum elong	-3332 Sep 06 j 03:55	17°♌08'52	1°32'06
asc. node	-3332 Sep 10 j 17:11	12°♌00'49	
morning rise	-3332 Sep 11 j 17:54	11°♌14'48	
direct	-3332 Sep 15 j 02:43	10°♌09'07	
morning max el	-3332 Sep 22 j 10:27	14°♌21'03	19°34'58
greatest brilliancy	-3332 Oct 01 j 04:10	25°♌32'13	-0.7m
	-3332 Oct 04 j 04:57	0°♍	
morning set	-3332 Oct 16 j 22:12	19°♍31'30	
desc. node	-3332 Oct 22 j 17:17	28°♍33'43	
	-3332 Oct 23 j 15:20	0°♎	
max. Earth dist.	-3332 Oct 29 j 23:51	10°♎00'41	1.44333 AU
superior conj	-3332 Nov 02 j 17:09	15°♎56'29	-1°-6'-27
minimum elong	-3332 Nov 02 j 10:06	15°♎28'17	1°05'42
	-3332 Nov 11 j 08:40	0°♏	
evening rise	-3332 Nov 16 j 21:27	9°♏12'41	
	-3332 Nov 29 j 13:41	0°♐	
evening max el	-3332 Dec 05 j 17:53	8°♐01'35	18°23'23
asc. node	-3332 Dec 07 j 16:13	9°♐45'51	
retrograde	-3332 Dec 12 j 07:35	11°♐37'39	
evening set	-3332 Dec 15 j 04:26	10°♐53'05	
inferior conj	-3332 Dec 21 j 06:51	5°♐22'27	3°37'11
minimum elong	-3332 Dec 21 j 04:07	5°♐30'12	3°36'35
min. Earth dist.	-3332 Dec 23 j 11:36	2°♐52'47	0.64000 AU
	-3332 Dec 26 j 07:40	30°℞♏	
morning rise	-3332 Dec 27 j 02:21	29°♏19'58	
direct	-3331 Jan 03 j 01:00	26°♏30'31	
	-3331 Jan 11 j 17:32	0°♐	
morning max el	-3331 Jan 16 j 14:54	4°♐15'06	27°29'07
desc. node	-3331 Jan 18 j 16:47	6°♐24'18	
	-3331 Feb 05 j 02:52	0°♑	
morning set	-3331 Feb 20 j 11:52	27°♑22'26	
	-3331 Feb 21 j 19:32	0°♒	
max. Earth dist.	-3331 Feb 25 j 13:48	7°♒42'06	1.33535 AU
superior conj	-3331 Feb 28 j 09:22	13°♒38'18	0°-52'-32
minimum elong	-3331 Feb 28 j 11:40	13°♒50'35	0°52'12
asc. node	-3331 Mar 05 j 15:33	24°♒53'02	
evening rise	-3331 Mar 07 j 15:13	29°♒05'05	
	-3331 Mar 08 j 01:43	0°♓	
	-3331 Mar 25 j 17:53	0°♈	
evening max el	-3331 Mar 29 j 13:40	4°♈08'04	22°37'31
retrograde	-3331 Apr 11 j 15:46	10°♈32'55	
evening set	-3331 Apr 14 j 18:47	10°♈11'30	
desc. node	-3331 Apr 16 j 15:42	9°♈39'31	
min. Earth dist.	-3331 Apr 22 j 22:43	6°♈37'15	0.55427 AU
inferior conj	-3331 Apr 24 j 02:08	5°♈58'01	-2°00'-33
minimum elong	-3331 Apr 23 j 21:01	6°♈05'21	1°58'56
morning rise	-3331 May 03 j 01:34	2°♈01'35	
direct	-3331 May 05 j 16:32	1°♈45'36	
morning max el	-3331 May 17 j 00:18	7°♈03'07	20°54'13
	-3331 Jun 01 j 11:38	0°♉	
asc. node	-3331 Jun 01 j 15:03	0°♉16'35	
morning set	-3331 Jun 05 j 08:09	7°♉42'58	
superior conj	-3331 Jun 12 j 22:22	23°♉26'26	1°34'27
minimum elong	-3331 Jun 12 j 19:54	23°♉13'48	1°34'18
	-3331 Jun 16 j 04:07	0°♊	
max. Earth dist.	-3331 Jun 17 j 06:26	2°♊10'39	1.35677 AU
evening rise	-3331 Jun 21 j 14:11	10°♊30'05	
	-3331 Jul 02 j 17:40	0°♋	
desc. node	-3331 Jul 13 j 14:41	16°♋24'28	
	-3331 Jul 24 j 12:35	0°♌	
evening max el	-3331 Jul 27 j 03:06	2°♌40'23	26°27'08
retrograde	-3331 Aug 08 j 22:21	9°♌54'50	
evening set	-3331 Aug 15 j 10:28	7°♌11'44	
min. Earth dist.	-3331 Aug 19 j 12:45	2°♌52'00	0.66096 AU
inferior conj	-3331 Aug 21 j 01:44	0°♌58'55	-2°-24'-11
minimum elong	-3331 Aug 21 j 05:00	0°♌48'57	2°22'58
	-3331 Aug 21 j 21:08	30°℞♋	
morning rise	-3331 Aug 27 j 00:28	25°♋09'10	
asc. node	-3331 Aug 28 j 14:16	24°♋29'23	
direct	-3331 Aug 30 j 00:40	24°♋17'42	
morning max el	-3331 Sep 05 j 19:39	28°♋05'25	18°45'15
	-3331 Sep 07 j 13:18	0°♌	
morning set	-3331 Sep 26 j 18:12	28°♌54'32	
	-3331 Sep 27 j 10:37	0°♍	
desc. node	-3331 Oct 09 j 14:15	19°♍15'46	
superior conj	-3331 Oct 12 j 18:56	24°♍17'49	0°-20'-16
minimum elong	-3331 Oct 12 j 16:16	24°♍07'17	0°19'56
max. Earth dist.	-3331 Oct 12 j 16:56	24°♍09'54	1.44849 AU
	-3331 Oct 16 j 09:48	0°♎	
evening rise	-3331 Oct 28 j 17:35	19°♎34'34	
	-3331 Nov 04 j 05:41	0°♏	
evening max el	-3331 Nov 19 j 04:57	21°♏26'53	18°55'59
asc. node	-3331 Nov 24 j 13:17	25°♏07'40	
retrograde	-3331 Nov 26 j 01:29	25°♏20'22	
evening set	-3331 Nov 29 j 04:08	24°♏24'48	
inferior conj	-3331 Dec 04 j 23:33	18°♏37'28	3°04'28
minimum elong	-3331 Dec 04 j 20:26	18°♏47'05	3°03'33
min. Earth dist.	-3331 Dec 06 j 13:41	16°♏39'46	0.65376 AU
morning rise	-3331 Dec 10 j 11:44	12°♏27'51	
direct	-3331 Dec 17 j 01:00	9°♏39'00	
morning max el	-3331 Dec 30 j 00:28	17°♏12'41	26°43'36
desc. node	-3330 Jan 05 j 13:50	24°♏35'00	
	-3330 Jan 09 j 18:25	0°♐	
	-3330 Jan 28 j 23:30	0°♑	
morning set	-3330 Feb 03 j 21:13	10°♑50'34	
max. Earth dist.	-3330 Feb 08 j 06:17	19°♑23'14	1.34665 AU
superior conj	-3330 Feb 12 j 10:45	27°♑55'01	-1°-15'-47
minimum elong	-3330 Feb 12 j 13:50	28°♑10'54	1°15'26
	-3330 Feb 13 j 10:49	0°♒	
evening rise	-3330 Feb 20 j 00:33	13°♒45'02	
asc. node	-3330 Feb 20 j 12:35	14°♒47'06	
	-3330 Feb 28 j 10:32	0°♓	
evening max el	-3330 Mar 11 j 13:18	15°♓07'47	21°08'49
retrograde	-3330 Mar 23 j 05:25	20°♓43'14	
evening set	-3330 Mar 25 j 15:42	20°♓29'36	
inferior conj	-3330 Apr 03 j 21:22	16°♓31'13	0°-5'-58
minimum elong	-3330 Apr 03 j 21:05	16°♓31'37	0°05'55
transit middle	-3330 Apr 03 j 21:05	16°♓31'37	0°05'55
transit begin	-3330 Apr 03 j 17:17	16°♓37'00	
transit end	-3330 Apr 04 j 00:53	16°♓26'14	
desc. node	-3330 Apr 03 j 12:47	16°♓43'22	
min. Earth dist.	-3330 Apr 04 j 12:43	16°♓09'29	0.55155 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-3330 Apr 13 j 01:49	12°♓24'31	
direct	-3330 Apr 16 j 04:32	12°♓03'22	
morning max el	-3330 Apr 29 j 00:44	18°♓13'54	22°25'11
	-3330 May 08 j 12:01	0°♈	
asc. node	-3330 May 19 j 12:06	20°♈00'16	
morning set	-3330 May 20 j 18:26	22°♈36'57	
	-3330 May 24 j 06:28	0°♉	
superior conj	-3330 May 28 j 01:07	8°♉01'22	1°18'32
minimum elong	-3330 May 27 j 22:28	7°♉47'23	1°18'14
max. Earth dist.	-3330 May 31 j 00:55	14°♉16'40	1.34353 AU
evening rise	-3330 Jun 04 j 23:40	24°♉13'44	
	-3330 Jun 08 j 00:01	0°♊	
	-3330 Jun 26 j 06:47	0°♋	
desc. node	-3330 Jun 30 j 11:43	5°♋40'53	
evening max el	-3330 Jul 09 j 14:43	16°♋04'24	27°09'55
retrograde	-3330 Jul 22 j 22:58	23°♋25'57	
evening set	-3330 Jul 29 j 21:55	20°♋39'30	
min. Earth dist.	-3330 Aug 02 j 17:08	16°♋57'45	0.64937 AU
inferior conj	-3330 Aug 04 j 19:30	14°♋36'03	-3°-10'-52
minimum elong	-3330 Aug 04 j 23:23	14°♋25'05	3°09'40
morning rise	-3330 Aug 11 j 02:16	9°♋01'09	
direct	-3330 Aug 13 j 20:16	8°♋20'34	
asc. node	-3330 Aug 15 j 11:22	8°♋34'46	
morning max el	-3330 Aug 20 j 09:03	11°♋52'24	18°12'12
	-3330 Sep 01 j 22:52	0°♌	
morning set	-3330 Sep 07 j 17:55	9°♌38'24	
	-3330 Sep 20 j 04:17	0°♍	
superior conj	-3330 Sep 21 j 22:17	2°♍48'08	0°28'46
minimum elong	-3330 Sep 22 j 01:44	3°♍01'53	0°28'23
max. Earth dist.	-3330 Sep 25 j 11:14	8°♍25'40	1.44638 AU
desc. node	-3330 Sep 26 j 11:12	10°♍00'22	
evening rise	-3330 Oct 08 j 13:43	28°♍56'05	
	-3330 Oct 09 j 06:12	0°♎	
greatest brilliancy	-3330 Oct 25 j 13:15	24°♎45'48	-0.6m
	-3330 Oct 29 j 08:43	0°♏	
evening max el	-3330 Nov 02 j 12:07	4°♏53'35	19°44'51
retrograde	-3330 Nov 09 j 22:14	9°♏12'50	
asc. node	-3330 Nov 11 j 10:23	8°♏59'42	
evening set	-3330 Nov 13 j 08:43	8°♏03'51	
inferior conj	-3330 Nov 18 j 22:59	2°♏02'46	2°23'04
minimum elong	-3330 Nov 18 j 20:10	2°♏12'01	2°22'04
min. Earth dist.	-3330 Nov 19 j 23:44	0°♏41'32	0.66388 AU
	-3330 Nov 20 j 12:35	30°℞♎	
morning rise	-3330 Nov 24 j 06:56	25°♎48'22	
direct	-3330 Nov 30 j 06:39	23°♎11'34	
	-3330 Dec 12 j 00:46	0°♏	
morning max el	-3330 Dec 12 j 09:30	0°♏21'46	25°34'45
desc. node	-3330 Dec 23 j 10:51	13°♏35'16	
	-3329 Jan 03 j 17:21	0°♐	
morning set	-3329 Jan 17 j 14:55	23°♐26'15	
	-3329 Jan 21 j 03:49	0°♑	
max. Earth dist.	-3329 Jan 21 j 11:11	0°♑34'56	1.36240 AU
superior conj	-3329 Jan 27 j 03:58	11°♑41'40	-1°-35'-44
minimum elong	-3329 Jan 27 j 07:12	11°♑57'47	1°35'31
evening rise	-3329 Feb 04 j 05:51	28°♑06'18	
	-3329 Feb 05 j 04:22	0°♒	
asc. node	-3329 Feb 07 j 09:37	4°♒24'28	
evening max el	-3329 Feb 21 j 23:06	26°♒40'13	19°54'42
	-3329 Feb 26 j 11:18	0°♓	
retrograde	-3329 Mar 03 j 22:28	1°♓24'38	
evening set	-3329 Mar 06 j 05:09	1°♓10'54	
	-3329 Mar 09 j 18:53	30°℞♒	
inferior conj	-3329 Mar 14 j 21:42	27°♒09'39	1°44'58
minimum elong	-3329 Mar 15 j 01:49	27°♒03'18	1°43'36
min. Earth dist.	-3329 Mar 17 j 02:50	25°♒48'14	0.55814 AU
desc. node	-3329 Mar 21 j 09:55	23°♒30'34	
morning rise	-3329 Mar 23 j 19:28	22°♒37'17	
direct	-3329 Mar 27 j 21:28	22°♒00'26	
morning max el	-3329 Apr 10 j 17:31	28°♒54'21	24°04'31
	-3329 Apr 11 j 20:11	0°♓	
	-3329 May 01 j 12:46	0°♈	
morning set	-3329 May 05 j 06:27	7°♈37'59	
asc. node	-3329 May 06 j 09:08	9°♈58'44	
superior conj	-3329 May 12 j 08:51	22°♈52'08	0°58'51
minimum elong	-3329 May 12 j 06:34	22°♈39'48	0°58'29
max. Earth dist.	-3329 May 14 j 04:47	26°♈47'56	1.33394 AU
	-3329 May 15 j 16:58	0°♉	
evening rise	-3329 May 19 j 19:50	8°♉30'27	
	-3329 May 31 j 10:40	0°♊	
desc. node	-3329 Jun 17 j 08:47	24°♊10'57	
evening max el	-3329 Jun 22 j 01:02	29°♊08'10	27°25'19
	-3329 Jun 22 j 23:11	0°♋	
retrograde	-3329 Jul 05 j 17:40	6°♋30'57	
evening set	-3329 Jul 12 j 21:38	3°♋53'08	
min. Earth dist.	-3329 Jul 16 j 12:08	0°♋44'47	0.63400 AU
	-3329 Jul 17 j 06:07	30°℞♊	
inferior conj	-3329 Jul 19 j 04:23	28°♊01'56	-3°-49'-51
minimum elong	-3329 Jul 19 j 08:06	27°♊52'28	3°49'00
morning rise	-3329 Jul 25 j 20:35	22°♊45'16	
direct	-3329 Jul 28 j 10:39	22°♊12'51	
asc. node	-3329 Aug 02 j 08:28	24°♊09'39	
morning max el	-3329 Aug 04 j 00:07	25°♊37'19	17°56'51
	-3329 Aug 07 j 16:14	0°♋	
morning set	-3329 Aug 20 j 18:38	21°♋34'07	
	-3329 Aug 25 j 15:07	0°♌	
superior conj	-3329 Sep 01 j 23:07	12°♌24'03	1°08'48
minimum elong	-3329 Sep 02 j 04:48	12°♌47'36	1°08'15
max. Earth dist.	-3329 Sep 08 j 03:20	22°♌28'57	1.43729 AU
	-3329 Sep 12 j 20:44	0°♍	
desc. node	-3329 Sep 13 j 08:11	0°♍45'01	
evening rise	-3329 Sep 17 j 19:17	7°♍42'29	
	-3329 Oct 02 j 14:10	0°♎	
greatest brilliancy	-3329 Oct 10 j 18:23	11°♎26'06	-0.5m
evening max el	-3329 Oct 16 j 13:43	18°♎20'02	20°47'44
retrograde	-3329 Oct 24 j 19:29	23°♎12'27	
evening set	-3329 Oct 28 j 15:58	21°♎47'31	
asc. node	-3329 Oct 29 j 07:29	21°♎16'29	
inferior conj	-3329 Nov 03 j 02:47	15°♎36'04	1°35'47
minimum elong	-3329 Nov 03 j 00:43	15°♎43'07	1°34'57
min. Earth dist.	-3329 Nov 03 j 15:45	14°♎51'55	0.67056 AU
morning rise	-3329 Nov 08 j 09:03	9°♎19'16	
direct	-3329 Nov 13 j 17:24	7°♎01'18	
morning max el	-3329 Nov 24 j 18:13	13°♎36'00	24°12'03
	-3329 Dec 08 j 01:37	0°♏	
desc. node	-3329 Dec 10 j 07:52	3°♏10'57	
	-3329 Dec 27 j 14:10	0°♐	
morning set	-3329 Dec 30 j 11:06	4°♐53'50	
max. Earth dist.	-3328 Jan 03 j 08:13	11°♐43'45	1.38173 AU
superior conj	-3328 Jan 10 j 09:28	24°♐48'30	-1°-50'-9
minimum elong	-3328 Jan 10 j 11:50	24°♐59'45	1°50'10
	-3328 Jan 13 j 02:00	0°♑	
evening rise	-3328 Jan 19 j 04:46	12°♑02'23	
asc. node	-3328 Jan 25 j 06:39	23°♑39'03	
	-3328 Jan 28 j 23:50	0°♒	
evening max el	-3328 Feb 04 j 19:10	8°♒47'58	18°59'22
retrograde	-3328 Feb 13 j 06:25	12°♒51'59	
evening set	-3328 Feb 15 j 15:12	12°♒34'16	
inferior conj	-3328 Feb 23 j 14:36	8°♒17'55	3°05'36

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3328 Feb	23 j 19:16	8°♒09'38	3°04'30
min. Earth dist.	-3328 Feb	26 j 18:22	6°♒04'45	0.57242 AU
morning rise	-3328 Mar	02 j 19:29	3°♒14'49	
desc. node	-3328 Mar	07 j 07:02	2°♒09'46	
direct	-3328 Mar	08 j 02:36	2°♒08'10	
morning max el	-3328 Mar	22 j 08:36	9°♒30'02	25°38'50
	-3328 Apr	06 j 19:16	0°♓	
morning set	-3328 Apr	18 j 18:28	22°♓39'39	
asc. node	-3328 Apr	22 j 06:08	0°♈06'34	
	-3328 Apr	22 j 04:56	0°♈	
superior conj	-3328 Apr	25 j 19:28	7°♈51'25	0°36'28
minimum elong	-3328 Apr	25 j 17:55	7°♈43'00	0°36'09
max. Earth dist.	-3328 Apr	26 j 15:04	9°♈38'17	1.32793 AU
evening rise	-3328 May	02 j 23:20	23°♈09'09	
	-3328 May	06 j 08:58	0°♉	
	-3328 May	24 j 08:50	0°♊	
desc. node	-3328 Jun	03 j 05:54	11°♊34'25	
evening max el	-3328 Jun	03 j 07:27	11°♊38'09	27°08'47
retrograde	-3328 Jun	17 j 05:49	18°♊59'42	
evening set	-3328 Jun	24 j 05:34	16°♊44'37	
min. Earth dist.	-3328 Jun	27 j 21:01	13°♊58'33	0.61535 AU
inferior conj	-3328 Jul	01 j 01:06	11°♊08'11	-4°-16'-15
minimum elong	-3328 Jul	01 j 03:24	11°♊03'01	4°15'57
morning rise	-3328 Jul	08 j 04:03	6°♊12'32	
direct	-3328 Jul	10 j 16:04	5°♊46'11	
morning max el	-3328 Jul	17 j 14:02	9°♊12'48	18°00'01
asc. node	-3328 Jul	19 j 05:32	10°♊58'18	
	-3328 Jul	31 j 04:34	0°♋	
morning set	-3328 Aug	02 j 14:38	4°♋25'03	
superior conj	-3328 Aug	13 j 03:36	23°♋22'07	1°34'41
minimum elong	-3328 Aug	13 j 07:48	23°♋40'26	1°34'28
	-3328 Aug	17 j 00:08	0°♌	
max. Earth dist.	-3328 Aug	20 j 14:04	5°♌59'45	1.42245 AU
evening rise	-3328 Aug	27 j 04:42	16°♌41'21	
desc. node	-3328 Aug	30 j 05:11	21°♌25'51	
	-3328 Sep	04 j 19:27	0°♍	
greatest brilliancy	-3328 Sep	23 j 14:19	26°♍20'15	-0.4m
	-3328 Sep	26 j 17:20	0°♎	
evening max el	-3328 Sep	28 j 09:06	1°♎45'35	22°01'33
retrograde	-3328 Oct	07 j 15:26	7°♎16'02	
evening set	-3328 Oct	11 j 23:59	5°♎33'04	
asc. node	-3328 Oct	15 j 04:34	2°♎10'51	
	-3328 Oct	16 j 19:51	30°℞♍	
inferior conj	-3328 Oct	17 j 08:55	29°♍14'52	0°44'39
minimum elong	-3328 Oct	17 j 07:54	29°♍18'24	0°44'13
min. Earth dist.	-3328 Oct	17 j 11:15	29°♍06'50	0.67403 AU
morning rise	-3328 Oct	22 j 15:37	22°♍58'23	
direct	-3328 Oct	27 j 08:44	21°♍02'00	
morning max el	-3328 Nov	06 j 04:47	26°♍53'36	22°45'15
	-3328 Nov	09 j 01:32	0°♎	
greatest brilliancy	-3328 Nov	10 j 22:42	2°♎13'35	-0.3m
desc. node	-3328 Nov	26 j 04:52	23°♎11'46	
	-3328 Nov	30 j 17:04	0°♏	
morning set	-3328 Dec	10 j 04:01	14°♏59'52	
max. Earth dist.	-3328 Dec	15 j 04:27	23°♏23'42	1.40250 AU
	-3328 Dec	18 j 23:54	0°♐	
superior conj	-3328 Dec	22 j 22:41	7°♐03'52	-1°-56'-3
minimum elong	-3328 Dec	22 j 22:42	7°♐03'58	1°56'10
evening rise	-3327 Jan	01 j 18:29	25°♐26'27	
	-3327 Jan	04 j 04:23	0°♑	
asc. node	-3327 Jan	11 j 03:41	12°♑23'29	
evening max el	-3327 Jan	17 j 23:33	21°♑26'18	18°24'05
retrograde	-3327 Jan	25 j 08:51	25°♑04'53	
evening set	-3327 Jan	27 j 20:44	24°♑41'08	

inferior conj	-3327 Feb	04 j 04:06	20°♑04'20	3°49'01
minimum elong	-3327 Feb	04 j 06:32	19°♑59'19	3°48'39
min. Earth dist.	-3327 Feb	07 j 13:34	17°♑17'39	0.59139 AU
morning rise	-3327 Feb	11 j 12:52	14°♑36'34	
direct	-3327 Feb	17 j 20:58	12°♑51'04	
desc. node	-3327 Feb	22 j 04:07	13°♑37'39	
morning max el	-3327 Mar	04 j 03:25	20°♑27'53	26°52'56
	-3327 Mar	12 j 08:50	0°♒	
	-3327 Mar	30 j 11:02	0°♓	
morning set	-3327 Apr	03 j 04:49	7°♓35'51	
asc. node	-3327 Apr	09 j 03:09	20°♓19'27	
superior conj	-3327 Apr	10 j 07:13	22°♓53'04	0°12'15
minimum elong	-3327 Apr	10 j 06:40	22°♓50'06	0°12'07
behind sun begin	-3327 Apr	10 j 03:27	22°♓32'28	
behind sun end	-3327 Apr	10 j 09:53	23°♓07'44	
max. Earth dist.	-3327 Apr	10 j 04:15	22°♓36'50	1.32535 AU
	-3327 Apr	13 j 13:24	0°♈	
evening rise	-3327 Apr	17 j 07:36	8°♈01'19	
	-3327 Apr	28 j 20:55	0°♉	
evening max el	-3327 May	16 j 08:04	23°♉27'01	26°19'50
desc. node	-3327 May	21 j 02:58	27°♉23'54	
	-3327 May	26 j 03:08	0°♊	
retrograde	-3327 May	30 j 10:00	0°♊44'53	
	-3327 Jun	03 j 15:05	30°℞♉	
evening set	-3327 Jun	05 j 17:34	29°♉04'54	
min. Earth dist.	-3327 Jun	09 j 21:07	26°♉24'26	0.59497 AU
inferior conj	-3327 Jun	13 j 06:07	23°♉46'31	-4°-22'-39
minimum elong	-3327 Jun	13 j 05:27	23°♉47'50	4°22'34
morning rise	-3327 Jun	20 j 21:00	19°♉12'58	
direct	-3327 Jun	23 j 08:22	18°♉51'15	
morning max el	-3327 Jun	30 j 23:54	22°♉31'14	18°22'35
asc. node	-3327 Jul	06 j 02:35	28°♉45'47	
	-3327 Jul	06 j 22:24	0°♊	
morning set	-3327 Jul	17 j 00:53	17°♊58'33	
	-3327 Jul	23 j 08:43	0°♋	
superior conj	-3327 Jul	26 j 08:31	5°♋33'26	1°46'59
minimum elong	-3327 Jul	26 j 10:05	5°♋40'39	1°47'04
max. Earth dist.	-3327 Aug	02 j 18:46	18°♋46'46	1.40399 AU
evening rise	-3327 Aug	07 j 10:47	26°♋39'28	
	-3327 Aug	09 j 11:42	0°♌	
desc. node	-3327 Aug	17 j 02:10	11°♌59'06	
	-3327 Aug	29 j 12:02	0°♍	
evening max el	-3327 Sep	10 j 23:20	15°♍12'13	23°21'35
retrograde	-3327 Sep	21 j 08:34	21°♍20'54	
evening set	-3327 Sep	26 j 07:01	19°♍18'37	
inferior conj	-3327 Oct	01 j 15:36	12°♍57'29	0°-8'-36
minimum elong	-3327 Oct	01 j 15:48	12°♍56'47	0°08'31
transit middle	-3327 Oct	01 j 15:48	12°♍56'47	0°08'31
transit begin	-3327 Oct	01 j 13:30	13°♍04'43	
transit end	-3327 Oct	01 j 18:07	12°♍48'52	
min. Earth dist.	-3327 Oct	01 j 07:46	13°♍24'25	0.67446 AU
asc. node	-3327 Oct	02 j 01:39	12°♍23'04	
morning rise	-3327 Oct	07 j 00:38	6°♍44'20	
direct	-3327 Oct	11 j 03:43	5°♍09'19	
morning max el	-3327 Oct	19 j 20:18	10°♍17'06	21°22'43
greatest brilliancy	-3327 Oct	25 j 02:45	16°♍22'42	-0.4m
	-3327 Nov	04 j 00:22	0°♎	
desc. node	-3327 Nov	13 j 01:50	13°♎30'20	
morning set	-3327 Nov	19 j 16:59	23°♎47'05	
	-3327 Nov	23 j 14:43	0°♏	
max. Earth dist.	-3327 Nov	27 j 06:20	5°♏55'56	1.42196 AU
superior conj	-3327 Dec	04 j 14:00	18°♏14'03	-1°-49'-37
minimum elong	-3327 Dec	04 j 10:18	17°♏58'09	1°49'31
	-3327 Dec	11 j 06:45	0°♐	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-3327 Dec 15 j 19:25	8°♐10'28	
	-3327 Dec 28 j 16:33	0°♑	
asc. node	-3327 Dec 29 j 00:43	0°♑27'58	
evening max el	-3326 Jan 01 j 09:24	4°♑26'29	18°08'42
retrograde	-3326 Jan 08 j 03:36	7°♑54'19	
evening set	-3326 Jan 10 j 18:34	7°♑23'17	
inferior conj	-3326 Jan 17 j 12:34	2°♑24'30	4°01'08
minimum elong	-3326 Jan 17 j 12:20	2°♑25'04	4°01'00
	-3326 Jan 20 j 01:26	30°℞♐	
min. Earth dist.	-3326 Jan 20 j 15:09	29°♐28'33	0.61172 AU
morning rise	-3326 Jan 24 j 03:34	26°♐39'48	
direct	-3326 Jan 31 j 01:56	24°♐19'01	
desc. node	-3326 Feb 09 j 01:11	27°♐41'47	
	-3326 Feb 11 j 23:18	0°♑	
morning max el	-3326 Feb 14 j 04:11	2°♑02'30	27°35'23
	-3326 Mar 06 j 14:59	0°♒	
morning set	-3326 Mar 18 j 11:32	22°♒18'20	
	-3326 Mar 22 j 03:31	0°♓	
max. Earth dist.	-3326 Mar 24 j 16:29	5°♓28'51	1.32627 AU
superior conj	-3326 Mar 25 j 18:22	7°♓49'46	0°-12'-58
minimum elong	-3326 Mar 25 j 18:58	7°♓52'59	0°12'54
behind sun begin	-3326 Mar 25 j 16:01	7°♓36'55	
behind sun end	-3326 Mar 25 j 21:54	8°♓09'04	
asc. node	-3326 Mar 27 j 00:08	10°♓32'15	
evening rise	-3326 Apr 01 j 18:28	22°♓58'11	
	-3326 Apr 05 j 04:31	0°♈	
	-3326 Apr 23 j 19:57	0°♉	
evening max el	-3326 Apr 28 j 02:41	4°♉35'17	25°03'44
desc. node	-3326 May 08 j 00:03	11°♉03'17	
retrograde	-3326 May 12 j 03:39	11°♉43'20	
evening set	-3326 May 17 j 07:31	10°♉41'59	
min. Earth dist.	-3326 May 22 j 14:54	7°♉50'35	0.57539 AU
inferior conj	-3326 May 25 j 16:05	5°♉47'02	-3°-58'-53
minimum elong	-3326 May 25 j 11:42	5°♉54'29	3°58'11
morning rise	-3326 Jun 02 j 19:57	1°♉34'05	
direct	-3326 Jun 05 j 07:34	1°♉15'51	
morning max el	-3326 Jun 14 j 02:44	5°♉22'36	19°05'33
asc. node	-3326 Jun 22 j 23:37	17°♉18'19	
	-3326 Jun 29 j 20:04	0°♊	
morning set	-3326 Jun 30 j 21:23	2°♊04'29	
superior conj	-3326 Jul 09 j 08:09	18°♊42'04	1°48'20
minimum elong	-3326 Jul 09 j 07:29	18°♊38'53	1°48'27
	-3326 Jul 15 j 08:38	0°♋	
max. Earth dist.	-3326 Jul 15 j 20:43	0°♋54'55	1.38439 AU
evening rise	-3326 Jul 19 j 18:58	7°♋53'28	
	-3326 Aug 02 j 09:45	0°♌	
desc. node	-3326 Aug 03 j 23:09	2°♌20'21	
evening max el	-3326 Aug 24 j 10:49	28°♌42'24	24°41'14
	-3326 Aug 25 j 19:17	0°♍	
retrograde	-3326 Sep 04 j 21:49	5°♍23'46	
evening set	-3326 Sep 10 j 11:20	3°♍02'38	
	-3326 Sep 13 j 08:20	30°℞♌	
min. Earth dist.	-3326 Sep 15 j 02:47	27°♌43'22	0.67184 AU
inferior conj	-3326 Sep 15 j 21:08	26°♌42'10	-1°-2'-26
minimum elong	-3326 Sep 15 j 22:37	26°♌37'14	1°01'46
asc. node	-3326 Sep 18 j 22:44	22°♌51'38	
morning rise	-3326 Sep 21 j 10:13	20°♌35'39	
direct	-3326 Sep 25 j 01:10	19°♌19'59	
morning max el	-3326 Oct 02 j 18:57	23°♌49'33	20°10'25
	-3326 Oct 08 j 00:07	0°♍	
greatest brilliancy	-3326 Oct 09 j 19:37	2°♍25'43	-0.6m
	-3326 Oct 28 j 08:27	0°♎	
morning set	-3326 Oct 29 j 15:03	1°♎58'17	
desc. node	-3326 Oct 30 j 22:47	4°♎01'20	
max. Earth dist.	-3326 Nov 09 j 16:14	19°♎20'49	1.43729 AU
superior conj	-3326 Nov 15 j 02:37	28°♎08'29	-1°-27'-9
minimum elong	-3326 Nov 14 j 19:40	27°♎40'04	1°26'35
	-3326 Nov 16 j 05:47	0°♏	
evening rise	-3326 Nov 28 j 03:19	20°♏06'20	
	-3326 Dec 03 j 21:07	0°♐	
asc. node	-3326 Dec 15 j 21:46	17°♐40'57	
evening max el	-3326 Dec 15 j 21:52	17°♐41'11	18°12'38
retrograde	-3326 Dec 22 j 10:39	21°♐10'58	
evening set	-3326 Dec 25 j 05:07	20°♐31'36	
inferior conj	-3326 Dec 31 j 12:30	15°♐11'46	3°50'37
minimum elong	-3326 Dec 31 j 10:23	15°♐17'24	3°50'15
min. Earth dist.	-3325 Jan 03 j 01:44	12°♐28'18	0.63059 AU
morning rise	-3325 Jan 06 j 13:55	9°♐14'59	
direct	-3325 Jan 13 j 15:08	6°♐31'51	
desc. node	-3325 Jan 26 j 22:16	13°♐47'14	
morning max el	-3325 Jan 27 j 10:26	14°♐16'55	27°41'29
	-3325 Feb 09 j 05:29	0°♑	
	-3325 Feb 27 j 02:59	0°♒	
morning set	-3325 Mar 02 j 12:24	6°♒39'40	
max. Earth dist.	-3325 Mar 08 j 00:07	18°♒01'54	1.33094 AU
superior conj	-3325 Mar 10 j 03:17	22°♒35'49	0°-38'-18
minimum elong	-3325 Mar 10 j 05:01	22°♒45'06	0°38'02
asc. node	-3325 Mar 13 j 21:09	0°♓41'02	
	-3325 Mar 13 j 13:32	0°♓	
evening rise	-3325 Mar 17 j 06:09	7°♓53'23	
	-3325 Mar 28 j 23:11	0°♈	
evening max el	-3325 Apr 09 j 18:22	15°♈18'33	23°31'45
retrograde	-3325 Apr 23 j 08:35	22°♈04'03	
desc. node	-3325 Apr 24 j 21:09	21°♈58'51	
evening set	-3325 Apr 27 j 04:03	21°♈32'10	
min. Earth dist.	-3325 May 04 j 05:20	18°♈17'18	0.55998 AU
inferior conj	-3325 May 06 j 06:00	17°♈04'39	-2°-55'-20
minimum elong	-3325 May 05 j 23:50	17°♈13'53	2°53'41
morning rise	-3325 May 14 j 23:04	13°♈06'07	
direct	-3325 May 17 j 12:00	12°♈50'01	
morning max el	-3325 May 27 j 19:59	17°♈37'48	20°09'05
	-3325 Jun 06 j 05:44	0°♉	
asc. node	-3325 Jun 09 j 20:40	6°♉25'00	
morning set	-3325 Jun 15 j 01:05	16°♉34'28	
	-3325 Jun 21 j 14:57	0°♊	
superior conj	-3325 Jun 22 j 21:21	2°♊33'23	1°41'22
minimum elong	-3325 Jun 22 j 19:18	2°♊23'07	1°41'20
max. Earth dist.	-3325 Jun 28 j 01:33	12°♊43'29	1.36602 AU
evening rise	-3325 Jul 02 j 02:21	20°♊16'31	
	-3325 Jul 07 j 14:09	0°♋	
desc. node	-3325 Jul 21 j 20:10	22°♋23'24	
	-3325 Jul 27 j 09:08	0°♌	
evening max el	-3325 Aug 06 j 21:43	12°♌14'42	25°52'48
retrograde	-3325 Aug 19 j 06:29	19°♌19'42	
evening set	-3325 Aug 25 j 10:58	16°♌42'41	
min. Earth dist.	-3325 Aug 29 j 17:51	12°♌01'03	0.66598 AU
inferior conj	-3325 Aug 30 j 23:42	10°♌26'20	-1°-55'-8
minimum elong	-3325 Aug 31 j 02:23	10°♌17'49	1°54'02
morning rise	-3325 Sep 05 j 18:29	4°♌29'42	
asc. node	-3325 Sep 05 j 19:51	4°♌27'38	
direct	-3325 Sep 08 j 23:26	3°♌30'22	
morning max el	-3325 Sep 16 j 00:46	7°♌30'29	19°11'53
	-3325 Oct 02 j 01:49	0°♍	
morning set	-3325 Oct 08 j 21:46	10°♍41'08	
desc. node	-3325 Oct 17 j 19:44	24°♍40'09	
	-3325 Oct 21 j 05:05	0°♎	
max. Earth dist.	-3325 Oct 23 j 08:03	3°♎20'56	1.44648 AU
superior conj	-3325 Oct 25 j 13:29	6°♎52'18	0°-48'-2
minimum elong	-3325 Oct 25 j 07:39	6°♎29'12	0°47'21

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3325 Nov 08 j 21:49	0°♏	
evening rise	-3325 Nov 09 j 13:32	1°♏04'28	
	-3325 Nov 28 j 10:36	0°♐	
evening max el	-3325 Nov 29 j 10:05	1°♐03'22	18°35'05
asc. node	-3325 Dec 02 j 18:52	3°♐47'36	
retrograde	-3325 Dec 06 j 01:45	4°♐45'45	
evening set	-3325 Dec 09 j 00:54	3°♐56'38	
	-3325 Dec 13 j 12:56	30°℞♏	
inferior conj	-3325 Dec 15 j 00:03	28°♏18'13	3°24'31
minimum elong	-3325 Dec 14 j 21:04	28°♏27'02	3°23'47
min. Earth dist.	-3325 Dec 16 j 22:20	26°♏01'38	0.64634 AU
morning rise	-3325 Dec 20 j 16:02	22°♏12'24	
direct	-3325 Dec 27 j 11:16	19°♏21'58	
morning max el	-3324 Jan 09 j 19:46	27°♏02'43	27°13'09
	-3324 Jan 12 j 15:08	0°♐	
desc. node	-3324 Jan 13 j 19:18	1°♐19'34	
	-3324 Feb 02 j 20:21	0°♑	
morning set	-3324 Feb 14 j 04:28	20°♑30'24	
	-3324 Feb 18 j 22:23	0°♒	
max. Earth dist.	-3324 Feb 18 j 23:13	0°♒04'17	1.33966 AU
superior conj	-3324 Feb 22 j 08:04	7°♒04'56	-1°-2'-41
minimum elong	-3324 Feb 22 j 10:45	7°♒19'05	1°02'20
asc. node	-3324 Feb 28 j 18:11	20°♒41'42	
evening rise	-3324 Feb 29 j 16:52	22°♒40'37	
	-3324 Mar 04 j 07:03	0°♓	
evening max el	-3324 Mar 21 j 13:15	26°♓04'17	21°58'20
	-3324 Mar 26 j 15:36	0°♈	
retrograde	-3324 Apr 03 j 02:20	2°♈09'49	
evening set	-3324 Apr 05 j 20:29	1°♈52'53	
desc. node	-3324 Apr 10 j 18:15	0°♈09'48	
	-3324 Apr 11 j 02:24	30°℞♓	
inferior conj	-3324 Apr 15 j 04:48	27°♓47'33	-1°-13'-38
minimum elong	-3324 Apr 15 j 01:26	27°♓52'18	1°12'31
min. Earth dist.	-3324 Apr 14 j 19:03	28°♓01'16	0.55193 AU
morning rise	-3324 Apr 24 j 07:38	23°♓49'28	
direct	-3324 Apr 27 j 02:09	23°♓32'19	
morning max el	-3324 May 09 j 02:29	29°♓12'05	21°31'28
	-3324 May 09 j 22:22	0°♈	
asc. node	-3324 May 26 j 17:42	25°♈57'23	
	-3324 May 28 j 17:39	0°♉	
morning set	-3324 May 29 j 09:34	1°♉21'55	
superior conj	-3324 Jun 05 j 20:07	16°♉55'47	1°28'15
minimum elong	-3324 Jun 05 j 17:30	16°♉42'11	1°28'01
max. Earth dist.	-3324 Jun 09 j 14:13	24°♉37'21	1.35060 AU
	-3324 Jun 12 j 07:14	0°♊	
evening rise	-3324 Jun 14 j 03:46	3°♊35'10	
	-3324 Jun 29 j 10:43	0°♋	
desc. node	-3324 Jul 07 j 17:14	12°♋00'22	
evening max el	-3324 Jul 19 j 09:00	25°♋44'02	26°48'14
	-3324 Jul 24 j 10:44	0°♌	
retrograde	-3324 Aug 01 j 10:17	3°♌02'46	
evening set	-3324 Aug 08 j 03:42	0°♌16'36	
	-3324 Aug 08 j 11:30	30°℞♋	
min. Earth dist.	-3324 Aug 12 j 02:41	26°♋13'37	0.65651 AU
inferior conj	-3324 Aug 13 j 21:21	24°♋07'27	-2°-44'-43
minimum elong	-3324 Aug 14 j 00:57	23°♋56'48	2°43'27
morning rise	-3324 Aug 19 j 23:21	18°♋23'57	
direct	-3324 Aug 22 j 20:38	17°♋37'33	
asc. node	-3324 Aug 22 j 16:57	17°♋37'41	
morning max el	-3324 Aug 29 j 12:09	21°♋17'18	18°29'09
	-3324 Sep 05 j 06:22	0°♌	
morning set	-3324 Sep 18 j 05:28	20°♌38'52	
	-3324 Sep 24 j 00:23	0°♍	
superior conj	-3324 Oct 03 j 13:05	15°♍09'33	0°00'59
minimum elong	-3324 Oct 03 j 13:12	15°♍10'02	0°01'01
behind sun begin	-3324 Oct 03 j 01:55	14°♍25'30	
behind sun end	-3324 Oct 04 j 00:29	15°♍54'33	
desc. node	-3324 Oct 03 j 16:45	15°♍24'03	
max. Earth dist.	-3324 Oct 05 j 02:09	17°♍35'42	1.44851 AU
	-3324 Oct 12 j 23:28	0°♎	
evening rise	-3324 Oct 19 j 23:10	10°♎59'59	
greatest brilliancy	-3324 Nov 01 j 04:54	0°♏09'32	-0.7m
	-3324 Nov 01 j 02:24	0°♏	
evening max el	-3324 Nov 11 j 19:40	14°♏29'07	19°14'48
retrograde	-3324 Nov 18 j 21:20	18°♏33'01	
asc. node	-3324 Nov 18 j 15:57	18°♏32'44	
evening set	-3324 Nov 22 j 02:59	17°♏32'06	
inferior conj	-3324 Nov 27 j 19:59	11°♏38'16	2°47'44
minimum elong	-3324 Nov 27 j 16:55	11°♏47'59	2°46'46
min. Earth dist.	-3324 Nov 29 j 04:12	9°♏55'50	0.65851 AU
morning rise	-3324 Dec 03 j 06:00	5°♏26'03	
direct	-3324 Dec 09 j 13:42	2°♏41'20	
morning max el	-3324 Dec 22 j 05:29	10°♏07'13	26°16'32
desc. node	-3324 Dec 30 j 16:19	19°♏53'20	
	-3323 Jan 07 j 01:01	0°♐	
	-3323 Jan 25 j 08:35	0°♑	
morning set	-3323 Jan 27 j 07:50	3°♑38'13	
max. Earth dist.	-3323 Jan 31 j 10:48	11°♑31'27	1.35282 AU
superior conj	-3323 Feb 05 j 06:20	21°♑09'36	-1°-24'-46
minimum elong	-3323 Feb 05 j 09:34	21°♑26'06	1°24'28
	-3323 Feb 09 j 13:04	0°♒	
evening rise	-3323 Feb 13 j 00:45	7°♒13'15	
asc. node	-3323 Feb 14 j 15:13	10°♒29'13	
	-3323 Feb 25 j 15:16	0°♓	
evening max el	-3323 Mar 03 j 16:54	7°♓16'26	20°35'08
retrograde	-3323 Mar 14 j 16:11	12°♓30'06	
evening set	-3323 Mar 16 j 23:27	12°♓17'13	
inferior conj	-3323 Mar 26 j 00:29	8°♓19'30	0°43'33
minimum elong	-3323 Mar 26 j 02:26	8°♓16'40	0°42'50
min. Earth dist.	-3323 Mar 27 j 09:16	7°♓31'52	0.55317 AU
desc. node	-3323 Mar 28 j 15:22	6°♓49'06	
morning rise	-3323 Apr 04 j 03:34	4°♓03'01	
direct	-3323 Apr 07 j 14:33	3°♓37'00	
morning max el	-3323 Apr 20 j 23:17	10°♓08'21	23°07'15
	-3323 May 05 j 11:29	0°♈	
morning set	-3323 May 13 j 20:47	16°♈19'24	
asc. node	-3323 May 13 j 14:44	15°♈47'51	
	-3323 May 20 j 06:49	0°♉	
superior conj	-3323 May 21 j 01:16	1°♉38'29	1°10'36
minimum elong	-3323 May 20 j 22:43	1°♉24'54	1°10'14
max. Earth dist.	-3323 May 23 j 12:37	6°♉52'35	1.33890 AU
evening rise	-3323 May 28 j 18:15	17°♉34'08	
	-3323 Jun 04 j 07:50	0°♊	
	-3323 Jun 23 j 19:24	0°♋	
desc. node	-3323 Jun 24 j 14:19	0°♋59'08	
evening max el	-3323 Jul 01 j 20:07	9°♋00'10	27°20'09
retrograde	-3323 Jul 15 j 08:43	16°♋23'45	
evening set	-3323 Jul 22 j 10:36	13°♋39'05	
min. Earth dist.	-3323 Jul 26 j 03:15	10°♋12'32	0.64322 AU
inferior conj	-3323 Jul 28 j 11:39	7°♋40'16	-3°-28'-36
minimum elong	-3323 Jul 28 j 15:36	7°♋29'35	3°27'31
morning rise	-3323 Aug 03 j 22:17	2°♋12'53	
direct	-3323 Aug 06 j 14:14	1°♋36'15	
asc. node	-3323 Aug 09 j 14:02	2°♋22'17	
morning max el	-3323 Aug 13 j 02:37	5°♋04'11	18°03'29
	-3323 Aug 29 j 13:26	0°♌	
morning set	-3323 Aug 30 j 16:25	1°♌54'45	
superior conj	-3323 Sep 12 j 23:56	24°♌03'33	0°47'19

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3323 Sep 13 j 04:55	24°♌23'43	0°46'45
	-3323 Sep 16 j 16:37	0°♍	
max. Earth dist.	-3323 Sep 17 j 19:20	1°♍46'25	1.44326 AU
desc. node	-3323 Sep 20 j 13:43	6°♍09'10	
evening rise	-3323 Sep 29 j 11:15	20°♍01'41	
	-3323 Oct 05 j 23:04	0°♎	
greatest brilliancy	-3323 Oct 19 j 03:36	19°♎27'34	-0.6m
evening max el	-3323 Oct 26 j 00:36	27°♎56'11	20°10'02
	-3323 Oct 28 j 05:44	0°♏	
retrograde	-3323 Nov 02 j 18:35	2°♏29'03	
asc. node	-3323 Nov 05 j 13:02	1°♏44'40	
evening set	-3323 Nov 06 j 08:56	1°♏13'48	
	-3323 Nov 07 j 20:22	30°℞♎	
inferior conj	-3323 Nov 11 j 21:34	25°♎07'59	2°03'38
minimum elong	-3323 Nov 11 j 19:01	25°♎16'30	2°02'40
min. Earth dist.	-3323 Nov 12 j 17:13	24°♎02'16	0.66712 AU
morning rise	-3323 Nov 17 j 04:30	18°♎52'00	
direct	-3323 Nov 22 j 21:47	16°♎22'22	
morning max el	-3323 Dec 04 j 14:14	23°♎19'30	25°00'35
	-3323 Dec 10 j 12:53	0°♏	
desc. node	-3323 Dec 17 j 13:20	9°♏10'38	
	-3323 Dec 31 j 09:54	0°♐	
morning set	-3322 Jan 09 j 17:15	15°♐47'58	
max. Earth dist.	-3322 Jan 13 j 11:17	22°♐36'45	1.37024 AU
	-3322 Jan 17 j 09:13	0°♑	
superior conj	-3322 Jan 19 j 19:07	4°♑41'22	-1°-42'-42
minimum elong	-3322 Jan 19 j 22:07	4°♑56'08	1°42'34
evening rise	-3322 Jan 28 j 03:41	21°♑25'01	
asc. node	-3322 Feb 01 j 12:15	29°♑58'04	
	-3322 Feb 01 j 12:39	0°♒	
evening max el	-3322 Feb 14 j 07:23	19°♒05'18	19°28'47
retrograde	-3322 Feb 23 j 14:21	23°♒30'25	
evening set	-3322 Feb 25 j 21:33	23°♒15'24	
inferior conj	-3322 Mar 06 j 06:58	19°♒09'15	2°23'41
minimum elong	-3322 Mar 06 j 11:49	19°♒01'22	2°22'16
min. Earth dist.	-3322 Mar 09 j 00:07	17°♒23'55	0.56343 AU
morning rise	-3322 Mar 14 j 22:25	14°♒23'22	
desc. node	-3322 Mar 15 j 12:27	14°♒12'05	
direct	-3322 Mar 19 j 12:51	13°♒35'14	
morning max el	-3322 Apr 02 j 14:33	20°♒43'39	24°46'03
	-3322 Apr 10 j 13:21	0°♓	
	-3322 Apr 27 j 17:26	0°♈	
morning set	-3322 Apr 28 j 08:58	1°♈21'14	
asc. node	-3322 Apr 30 j 11:45	5°♈50'55	
superior conj	-3322 May 05 j 10:27	16°♈33'43	0°49'38
minimum elong	-3322 May 05 j 08:26	16°♈22'48	0°49'17
max. Earth dist.	-3322 May 06 j 19:29	19°♈32'23	1.33097 AU
	-3322 May 11 j 18:10	0°♉	
evening rise	-3322 May 12 j 17:54	2°♉01'33	
	-3322 May 28 j 05:29	0°♊	
desc. node	-3322 Jun 11 j 11:23	19°♊03'33	
evening max el	-3322 Jun 14 j 05:10	21°♊51'03	27°22'24
retrograde	-3322 Jun 28 j 00:50	29°♊13'37	
evening set	-3322 Jul 05 j 04:05	26°♊44'02	
min. Earth dist.	-3322 Jul 08 j 18:09	23°♊46'31	0.62635 AU
inferior conj	-3322 Jul 11 j 15:45	20°♊58'33	-4°-2'-59
minimum elong	-3322 Jul 11 j 19:03	20°♊50'34	4°02'24
morning rise	-3322 Jul 18 j 12:20	15°♊50'18	
direct	-3322 Jul 21 j 01:15	15°♊20'44	
asc. node	-3322 Jul 27 j 11:06	18°♊29'54	
morning max el	-3322 Jul 27 j 17:27	18°♊45'15	17°55'50
	-3322 Aug 04 j 21:48	0°♋	
morning set	-3322 Aug 13 j 01:58	14°♋15'23	
	-3322 Aug 22 j 00:56	0°♌	

superior conj	-3322 Aug 24 j 12:21	4°♌13'29	1°21'34
minimum elong	-3322 Aug 24 j 17:43	4°♌36'09	1°21'08
max. Earth dist.	-3322 Aug 31 j 09:05	15°♌36'26	1.43155 AU
desc. node	-3322 Sep 07 j 10:42	26°♌52'36	
evening rise	-3322 Sep 08 j 15:50	28°♌46'22	
	-3322 Sep 09 j 10:47	0°♍	
	-3322 Sep 29 j 17:58	0°♎	
greatest brilliancy	-3322 Oct 03 j 18:21	5°♎19'09	-0.4m
evening max el	-3322 Oct 08 j 23:38	11°♎22'39	21°18'09
retrograde	-3322 Oct 17 j 15:22	16°♎30'34	
evening set	-3322 Oct 21 j 16:43	14°♎58'19	
asc. node	-3322 Oct 23 j 10:07	13°♎23'18	
inferior conj	-3322 Oct 27 j 02:34	8°♎43'51	1°14'30
minimum elong	-3322 Oct 27 j 00:54	8°♎49'32	1°13'48
min. Earth dist.	-3322 Oct 27 j 10:58	8°♎14'58	0.67242 AU
morning rise	-3322 Nov 01 j 08:45	2°♎26'53	
direct	-3322 Nov 06 j 10:41	0°♎17'41	
morning max el	-3322 Nov 16 j 23:07	6°♎34'17	23°35'05
desc. node	-3322 Dec 04 j 10:19	28°♎58'16	
	-3322 Dec 05 j 03:16	0°♏	
morning set	-3322 Dec 22 j 02:24	26°♏42'02	
	-3322 Dec 24 j 00:50	0°♐	
max. Earth dist.	-3322 Dec 26 j 06:48	3°♐54'20	1.39058 AU
superior conj	-3321 Jan 02 j 18:20	17°♐28'26	-1°-53'-56
minimum elong	-3321 Jan 02 j 19:54	17°♐35'44	1°54'00
	-3321 Jan 09 j 07:33	0°♑	
evening rise	-3321 Jan 11 j 23:03	5°♑08'26	
asc. node	-3321 Jan 19 j 09:16	19°♑00'54	
	-3321 Jan 26 j 21:45	0°♒	
evening max el	-3321 Jan 28 j 07:22	1°♒27'25	18°41'52
retrograde	-3321 Feb 05 j 05:55	5°♒18'15	
evening set	-3321 Feb 07 j 16:13	4°♒58'00	
inferior conj	-3321 Feb 15 j 08:30	0°♒33'17	3°28'21
minimum elong	-3321 Feb 15 j 12:25	0°♒25'54	3°27'35
	-3321 Feb 16 j 02:04	30°℞♑	
min. Earth dist.	-3321 Feb 18 j 16:39	28°♑03'16	0.58023 AU
morning rise	-3321 Feb 23 j 04:54	25°♑19'06	
direct	-3321 Feb 28 j 23:56	23°♑56'14	
desc. node	-3321 Mar 02 j 09:32	24°♑01'05	
	-3321 Mar 13 j 17:50	0°♒	
morning max el	-3321 Mar 15 j 06:26	1°♒24'56	26°13'32
	-3321 Apr 04 j 12:25	0°♓	
morning set	-3321 Apr 12 j 20:28	16°♓21'07	
asc. node	-3321 Apr 17 j 08:46	26°♓01'21	
	-3321 Apr 19 j 04:28	0°♈	
superior conj	-3321 Apr 19 j 21:44	1°♈34'30	0°26'21
minimum elong	-3321 Apr 19 j 20:35	1°♈28'15	0°26'07
max. Earth dist.	-3321 Apr 20 j 07:32	2°♈28'07	1.32649 AU
evening rise	-3321 Apr 26 j 23:42	16°♈47'04	
	-3321 May 03 j 16:19	0°♉	
	-3321 May 23 j 12:04	0°♊	
evening max el	-3321 May 27 j 09:33	4°♊04'52	26°51'49
desc. node	-3321 May 29 j 08:26	5°♊50'57	
retrograde	-3321 Jun 10 j 09:31	11°♊24'18	
evening set	-3321 Jun 17 j 03:57	9°♊23'19	
min. Earth dist.	-3321 Jun 20 j 23:03	6°♊41'43	0.60678 AU
inferior conj	-3321 Jun 24 j 06:16	3°♊54'21	-4°-22'00
minimum elong	-3321 Jun 24 j 07:28	3°♊51'46	4°21'52
	-3321 Jun 29 j 13:56	30°℞♉	
morning rise	-3321 Jul 01 j 14:05	29°♉07'46	
direct	-3321 Jul 04 j 01:49	28°♉43'24	
	-3321 Jul 08 j 09:10	0°♊	
morning max el	-3321 Jul 11 j 05:55	2°♊14'11	18°07'11
asc. node	-3321 Jul 14 j 08:10	5°♊45'21	
morning set	-3321 Jul 27 j 04:37	27°♊26'16	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3321 Jul 28 j 13:36	0°♋	
superior conj	-3321 Aug 06 j 03:51	15°♋44'24	1°41'26
minimum elong	-3321 Aug 06 j 06:57	15°♋58'14	1°41'22
max. Earth dist.	-3321 Aug 13 j 17:40	28°♋51'31	1.41490 AU
	-3321 Aug 14 j 10:01	0°♌	
evening rise	-3321 Aug 19 j 08:39	8°♌06'43	
desc. node	-3321 Aug 25 j 07:42	17°♌31'02	
	-3321 Sep 02 j 14:55	0°♍	
greatest brilliancy	-3321 Sep 16 j 22:01	19°♍27'25	-0.3m
evening max el	-3321 Sep 21 j 16:43	24°♍49'02	22°35'14
	-3321 Sep 28 j 14:55	0°♎	
retrograde	-3321 Oct 01 j 10:08	0°♎35'27	
	-3321 Oct 04 j 01:10	30°℞♍	
evening set	-3321 Oct 06 j 00:31	28°♍44'13	
asc. node	-3321 Oct 10 j 07:11	23°♍53'32	
inferior conj	-3321 Oct 11 j 09:08	22°♍24'30	0°22'15
minimum elong	-3321 Oct 11 j 08:36	22°♍26'18	0°22'02
min. Earth dist.	-3321 Oct 11 j 07:05	22°♍31'34	0.67459 AU
morning rise	-3321 Oct 16 j 16:36	16°♍09'20	
direct	-3321 Oct 21 j 03:37	14°♍22'12	
morning max el	-3321 Oct 30 j 11:25	19°♍54'09	22°09'19
greatest brilliancy	-3321 Nov 04 j 05:13	25°♍16'09	-0.4m
	-3321 Nov 07 j 21:51	0°♎	
desc. node	-3321 Nov 21 j 07:19	19°♎07'45	
	-3321 Nov 28 j 09:09	0°♏	
morning set	-3321 Dec 02 j 06:52	6°♏12'22	
max. Earth dist.	-3321 Dec 08 j 05:31	15°♏58'05	1.41119 AU
superior conj	-3321 Dec 15 j 22:57	29°♏18'07	-1°-55'-4
minimum elong	-3321 Dec 15 j 21:31	29°♏11'46	1°55'09
	-3321 Dec 16 j 08:23	0°♐	
evening rise	-3321 Dec 26 j 07:48	18°♐16'50	
	-3320 Jan 01 j 17:28	0°♑	
asc. node	-3320 Jan 06 j 06:17	7°♑29'42	
evening max el	-3320 Jan 11 j 14:23	14°♑15'54	18°15'01
retrograde	-3320 Jan 18 j 15:55	17°♑48'21	
evening set	-3320 Jan 21 j 05:09	17°♑21'32	
inferior conj	-3320 Jan 28 j 06:26	12°♑34'58	3°57'27
minimum elong	-3320 Jan 28 j 07:41	12°♑32'13	3°57'15
min. Earth dist.	-3320 Jan 31 j 13:58	9°♑41'40	0.60014 AU
morning rise	-3320 Feb 04 j 07:13	6°♑59'11	
direct	-3320 Feb 10 j 22:42	4°♑57'59	
desc. node	-3320 Feb 17 j 06:36	6°♑39'06	
morning max el	-3320 Feb 25 j 03:46	12°♑37'33	27°15'19
	-3320 Mar 09 j 21:55	0°♒	
	-3320 Mar 26 j 15:30	0°♓	
morning set	-3320 Mar 27 j 05:32	1°♓12'29	
superior conj	-3320 Apr 03 j 09:25	16°♓34'36	0°01'37
minimum elong	-3320 Apr 03 j 09:21	16°♓34'13	0°01'35
behind sun begin	-3320 Apr 03 j 04:21	16°♓06'54	
behind sun end	-3320 Apr 03 j 14:20	17°♓01'33	
max. Earth dist.	-3320 Apr 02 j 20:59	15°♓26'36	1.32537 AU
asc. node	-3320 Apr 03 j 05:45	16°♓14'35	
	-3320 Apr 09 j 13:58	0°♈	
evening rise	-3320 Apr 10 j 09:20	1°♈42'08	
	-3320 Apr 25 j 20:45	0°♉	
evening max el	-3320 May 08 j 07:22	15°♉35'06	25°50'07
desc. node	-3320 May 15 j 05:30	20°♉49'53	
retrograde	-3320 May 22 j 09:15	22°♉49'41	
evening set	-3320 May 28 j 06:31	21°♉26'12	
min. Earth dist.	-3320 Jun 01 j 19:44	18°♉43'15	0.58636 AU
inferior conj	-3320 Jun 05 j 03:28	16°♉17'24	-4°-16'-56
minimum elong	-3320 Jun 05 j 01:12	16°♉21'35	4°16'42
morning rise	-3320 Jun 12 j 23:47	11°♉53'18	
direct	-3320 Jun 15 j 11:21	11°♉33'05	
morning max el	-3320 Jun 23 j 13:08	15°♉22'15	18°38'26
asc. node	-3320 Jun 30 j 05:13	23°♉53'27	
	-3320 Jul 03 j 20:08	0°♊	
morning set	-3320 Jul 09 j 19:39	11°♊14'43	
superior conj	-3320 Jul 18 j 17:28	28°♊22'20	1°48'45
minimum elong	-3320 Jul 18 j 18:00	28°♊24'50	1°48'52
	-3320 Jul 19 j 14:22	0°♋	
max. Earth dist.	-3320 Jul 25 j 20:57	11°♋21'54	1.39559 AU
evening rise	-3320 Jul 30 j 01:45	18°♋36'20	
	-3320 Aug 06 j 00:49	0°♌	
desc. node	-3320 Aug 11 j 04:42	7°♌59'53	
	-3320 Aug 26 j 23:01	0°♍	
evening max el	-3320 Sep 03 j 05:19	8°♍16'21	23°55'55
retrograde	-3320 Sep 14 j 01:45	14°♍40'04	
evening set	-3320 Sep 19 j 06:37	12°♍29'15	
min. Earth dist.	-3320 Sep 24 j 03:10	6°♍49'47	0.67371 AU
inferior conj	-3320 Sep 24 j 15:30	6°♍07'51	0°-31'-29
minimum elong	-3320 Sep 24 j 16:15	6°♍05'20	0°31'08
asc. node	-3320 Sep 26 j 04:17	4°♍04'58	
morning rise	-3320 Sep 30 j 02:04	29°♌57'23	
	-3320 Sep 30 j 00:40	30°℞♌	
direct	-3320 Oct 03 j 23:41	28°♌31'08	
	-3320 Oct 08 j 06:47	0°♍	
morning max el	-3320 Oct 12 j 05:58	3°♍21'44	20°50'32
greatest brilliancy	-3320 Oct 18 j 02:58	10°♍17'55	-0.5m
	-3320 Oct 31 j 21:48	0°♎	
desc. node	-3320 Nov 07 j 04:19	9°♎32'18	
morning set	-3320 Nov 10 j 11:02	14°♎36'59	
max. Earth dist.	-3320 Nov 19 j 11:01	28°♎54'39	1.42908 AU
	-3320 Nov 20 j 03:06	0°♏	
superior conj	-3320 Nov 26 j 03:17	9°♏56'33	-1°-42'-12
minimum elong	-3320 Nov 25 j 21:57	9°♏34'05	1°41'56
	-3320 Dec 07 j 16:38	0°♐	
evening rise	-3320 Dec 08 j 02:05	0°♐41'55	
asc. node	-3320 Dec 23 j 03:19	25°♐14'13	
evening max el	-3320 Dec 25 j 01:39	27°♐23'12	18°08'01
	-3320 Dec 28 j 11:11	0°♑	
retrograde	-3320 Dec 31 j 16:39	0°♑50'52	
evening set	-3319 Jan 03 j 08:52	0°♑16'35	
	-3319 Jan 03 j 23:13	30°℞♐	
inferior conj	-3319 Jan 09 j 22:02	25°♐08'32	3°58'58
minimum elong	-3319 Jan 09 j 20:53	25°♐11'26	3°58'47
min. Earth dist.	-3319 Jan 12 j 19:21	22°♐15'31	0.61998 AU
morning rise	-3319 Jan 16 j 06:41	19°♐17'54	
direct	-3319 Jan 23 j 07:20	16°♐45'51	
desc. node	-3319 Feb 03 j 03:41	21°♐39'54	
morning max el	-3319 Feb 06 j 07:25	24°♐31'18	27°42'30
	-3319 Feb 11 j 07:54	0°♑	
	-3319 Mar 03 j 04:48	0°♒	
morning set	-3319 Mar 11 j 10:09	15°♒48'17	
max. Earth dist.	-3319 Mar 17 j 07:52	28°♒13'26	1.32777 AU
	-3319 Mar 18 j 03:35	0°♓	
superior conj	-3319 Mar 18 j 19:54	1°♓28'28	0°-23'-45
minimum elong	-3319 Mar 18 j 20:59	1°♓34'20	0°23'36
asc. node	-3319 Mar 21 j 02:45	6°♓26'48	
evening rise	-3319 Mar 25 j 20:49	16°♓39'53	
	-3319 Apr 01 j 12:47	0°♈	
evening max el	-3319 Apr 19 j 23:58	26°♈30'10	24°25'37
	-3319 Apr 24 j 04:42	0°♉	
desc. node	-3319 May 02 j 02:34	3°♉23'56	
retrograde	-3319 May 03 j 22:08	3°♉31'33	
evening set	-3319 May 08 j 12:07	2°♉44'16	
	-3319 May 14 j 01:32	30°℞♈	
min. Earth dist.	-3319 May 14 j 11:49	29°♈44'10	0.56811 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3319 May 17 j 04:49	28°♈00'25	-3°-37'-8
minimum elong	-3319 May 16 j 23:15	28°♈09'23	3°35'58
morning rise	-3319 May 25 j 14:28	23°♈55'06	
direct	-3319 May 28 j 02:14	23°♈38'09	
morning max el	-3319 Jun 06 j 12:20	28°♈00'33	19°30'08
	-3319 Jun 08 j 11:02	0°♉	
asc. node	-3319 Jun 17 j 02:18	12°♉42'13	
morning set	-3319 Jun 23 j 19:34	25°♉32'06	
	-3319 Jun 26 j 00:58	0°♊	
superior conj	-3319 Jul 01 j 23:31	11°♊51'32	1°46'16
minimum elong	-3319 Jul 01 j 22:10	11°♊44'53	1°46'19
max. Earth dist.	-3319 Jul 07 j 22:56	23°♊16'57	1.37627 AU
evening rise	-3319 Jul 11 j 20:27	0°♋21'39	
	-3319 Jul 11 j 15:35	0°♋	
desc. node	-3319 Jul 29 j 01:41	28°♋14'15	
	-3319 Jul 30 j 06:43	0°♌	
evening max el	-3319 Aug 16 j 16:08	21°♌47'01	25°13'07
retrograde	-3319 Aug 28 j 13:16	28°♌40'34	
evening set	-3319 Sep 03 j 09:12	26°♌12'01	
min. Earth dist.	-3319 Sep 07 j 20:52	21°♌08'23	0.66972 AU
inferior conj	-3319 Sep 08 j 20:00	19°♌52'34	-1°-25'-5
minimum elong	-3319 Sep 08 j 22:01	19°♌46'00	1°24'12
asc. node	-3319 Sep 13 j 01:25	14°♌56'53	
morning rise	-3319 Sep 14 j 11:20	13°♌49'49	
direct	-3319 Sep 17 j 21:37	12°♌41'41	
morning max el	-3319 Sep 25 j 07:48	16°♌58'03	19°43'39
greatest brilliancy	-3319 Oct 03 j 12:57	27°♌21'05	-0.6m
	-3319 Oct 05 j 09:02	0°♍	
morning set	-3319 Oct 20 j 09:46	22°♍53'02	
	-3319 Oct 24 j 23:29	0°♎	
desc. node	-3319 Oct 25 j 01:17	0°♎07'01	
max. Earth dist.	-3319 Nov 01 j 23:06	12°♎34'10	1.44194 AU
superior conj	-3319 Nov 06 j 04:07	19°♎18'04	-1°-12'-24
minimum elong	-3319 Nov 05 j 20:54	18°♎49'03	1°11'41
	-3319 Nov 12 j 17:40	0°♏	
evening rise	-3319 Nov 20 j 01:15	12°♏13'55	
	-3319 Nov 30 j 17:03	0°♐	
evening max el	-3319 Dec 08 j 14:19	10°♐41'47	18°20'05
asc. node	-3319 Dec 10 j 00:24	12°♐01'03	
retrograde	-3319 Dec 15 j 03:32	14°♐15'53	
evening set	-3319 Dec 17 j 23:43	13°♐32'44	
inferior conj	-3319 Dec 24 j 03:21	8°♐04'58	3°41'07
minimum elong	-3319 Dec 24 j 00:46	8°♐12'14	3°40'36
min. Earth dist.	-3319 Dec 26 j 10:23	5°♐31'15	0.63764 AU
morning rise	-3319 Dec 30 j 00:16	2°♐03'56	
	-3318 Jan 02 j 08:54	30°℞♏	
direct	-3318 Jan 05 j 23:52	29°♏15'30	
	-3318 Jan 09 j 20:00	0°♐	
morning max el	-3318 Jan 19 j 15:17	7°♐00'37	27°33'23
desc. node	-3318 Jan 21 j 00:45	8°♐26'03	
	-3318 Feb 06 j 08:25	0°♑	
morning set	-3318 Feb 23 j 07:42	29°♑58'29	
	-3318 Feb 23 j 08:01	0°♒	
max. Earth dist.	-3318 Feb 28 j 12:08	10°♒34'10	1.33407 AU
superior conj	-3318 Mar 03 j 03:20	16°♒08'44	0°-48'-49
minimum elong	-3318 Mar 03 j 05:30	16°♒20'17	0°48'30
asc. node	-3318 Mar 07 j 23:46	26°♒32'58	
	-3318 Mar 09 j 14:42	0°♓	
evening rise	-3318 Mar 10 j 08:18	1°♓32'43	
	-3318 Mar 26 j 10:32	0°♈	
evening max el	-3318 Apr 01 j 16:18	7°♈11'51	22°51'28
retrograde	-3318 Apr 14 j 22:07	13°♈42'27	
evening set	-3318 Apr 18 j 04:57	13°♈18'51	
desc. node	-3318 Apr 18 j 23:41	13°♈06'38	

min. Earth dist.	-3318 Apr 26 j 02:07	9°♈50'03	0.55552 AU
inferior conj	-3318 Apr 27 j 11:21	9°♈02'03	-2°-16'-4
minimum elong	-3318 Apr 27 j 05:48	9°♈10'06	2°14'23
morning rise	-3318 May 06 j 09:16	5°♈05'27	
direct	-3318 May 08 j 23:32	4°♈49'32	
morning max el	-3318 May 20 j 01:09	9°♈59'14	20°41'55
	-3318 Jun 02 j 21:55	0°♉	
asc. node	-3318 Jun 03 j 23:20	2°♉00'54	
morning set	-3318 Jun 08 j 01:35	10°♉10'20	
superior conj	-3318 Jun 15 j 17:14	25°♉57'29	1°36'27
minimum elong	-3318 Jun 15 j 14:51	25°♉45'21	1°36'19
	-3318 Jun 17 j 17:07	0°♊	
max. Earth dist.	-3318 Jun 20 j 06:22	5°♊03'52	1.35908 AU
evening rise	-3318 Jun 24 j 12:13	13°♊10'42	
	-3318 Jul 04 j 01:58	0°♋	
desc. node	-3318 Jul 15 j 22:43	18°♋07'24	
	-3318 Jul 25 j 04:01	0°♌	
evening max el	-3318 Jul 30 j 03:18	5°♌19'37	26°18'53
retrograde	-3318 Aug 11 j 20:03	12°♌31'48	
evening set	-3318 Aug 18 j 06:13	9°♌50'09	
min. Earth dist.	-3318 Aug 22 j 09:43	5°♌24'38	0.66236 AU
inferior conj	-3318 Aug 23 j 20:47	3°♌36'20	-2°-16'-43
minimum elong	-3318 Aug 23 j 23:54	3°♌26'41	2°15'30
	-3318 Aug 26 j 23:41	30°℞♋	
morning rise	-3318 Aug 29 j 18:26	27°♋44'37	
asc. node	-3318 Aug 30 j 22:33	27°♋11'30	
direct	-3318 Sep 01 j 19:48	26°♋51'09	
	-3318 Sep 07 j 23:09	0°♌	
morning max el	-3318 Sep 08 j 16:11	0°♌41'49	18°51'37
	-3318 Sep 28 j 18:32	0°♍	
morning set	-3318 Sep 30 j 02:02	2°♍05'06	
desc. node	-3318 Oct 11 j 22:15	20°♍48'29	
max. Earth dist.	-3318 Oct 15 j 16:04	26°♍42'12	1.44821 AU
superior conj	-3318 Oct 16 j 07:41	27°♍43'42	0°-27'-46
minimum elong	-3318 Oct 16 j 04:04	27°♍29'26	0°27'17
	-3318 Oct 17 j 18:15	0°♎	
evening rise	-3318 Nov 01 j 01:06	22°♎45'22	
	-3318 Nov 05 j 12:51	0°♏	
evening max el	-3318 Nov 22 j 01:47	24°♏06'34	18°50'05
asc. node	-3318 Nov 26 j 21:30	27°♏35'16	
retrograde	-3318 Nov 28 j 20:48	27°♏56'45	
evening set	-3318 Dec 01 j 22:31	27°♏02'53	
inferior conj	-3318 Dec 07 j 18:50	21°♏17'47	3°10'01
minimum elong	-3318 Dec 07 j 15:44	21°♏27'15	3°09'09
min. Earth dist.	-3318 Dec 09 j 11:02	19°♏15'05	0.65196 AU
morning rise	-3318 Dec 13 j 07:54	15°♏09'12	
direct	-3318 Dec 19 j 22:56	12°♏19'34	
morning max el	-3317 Jan 02 j 00:48	19°♏55'13	26°52'04
desc. node	-3317 Jan 07 j 21:48	26°♏27'14	
	-3317 Jan 10 j 17:34	0°♐	
	-3317 Jan 30 j 09:14	0°♑	
morning set	-3317 Feb 06 j 18:54	13°♑32'37	
max. Earth dist.	-3317 Feb 11 j 06:23	22°♑20'32	1.34471 AU
superior conj	-3317 Feb 15 j 05:40	0°♒28'47	-1°-12'-25
minimum elong	-3317 Feb 15 j 08:39	0°♒44'19	1°12'04
	-3317 Feb 15 j 00:08	0°♒	
evening rise	-3317 Feb 22 j 18:03	16°♒14'41	
asc. node	-3317 Feb 22 j 20:47	16°♒28'50	
	-3317 Mar 01 j 17:58	0°♓	
evening max el	-3317 Mar 14 j 14:35	18°♓07'19	21°21'13
retrograde	-3317 Mar 26 j 12:19	23°♓50'34	
evening set	-3317 Mar 29 j 00:15	23°♓36'20	
desc. node	-3317 Apr 05 j 20:48	20°♓24'39	
inferior conj	-3317 Apr 07 j 07:03	19°♓36'45	0°-23'-53

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3317 Apr 07 j 05:55	19°♓38'20	0°23'32
min. Earth dist.	-3317 Apr 07 j 15:56	19°♓24'14	0.55139 AU
morning rise	-3317 Apr 16 j 11:26	15°♓32'56	
direct	-3317 Apr 19 j 11:45	15°♓13'04	
morning max el	-3317 May 02 j 03:00	21°♓15'34	22°10'54
	-3317 May 09 j 12:22	0°♈	
asc. node	-3317 May 21 j 20:21	21°♈41'45	
morning set	-3317 May 23 j 11:26	25°♈02'49	
	-3317 May 25 j 20:06	0°♉	
superior conj	-3317 May 30 j 19:00	10°♉29'20	1°21'13
minimum elong	-3317 May 30 j 16:21	10°♉15'21	1°20'56
max. Earth dist.	-3317 Jun 02 j 23:27	17°♉06'56	1.34526 AU
evening rise	-3317 Jun 07 j 19:44	26°♉48'16	
	-3317 Jun 09 j 11:39	0°♊	
	-3317 Jun 27 j 09:36	0°♋	
desc. node	-3317 Jul 02 j 19:47	7°♋29'43	
evening max el	-3317 Jul 12 j 14:55	18°♋45'35	27°05'09
retrograde	-3317 Jul 25 j 21:24	26°♋06'23	
evening set	-3317 Aug 01 j 19:08	23°♋19'41	
min. Earth dist.	-3317 Aug 05 j 15:18	19°♋32'35	0.65134 AU
inferior conj	-3317 Aug 07 j 15:37	17°♋14'47	-3°-4'-14
minimum elong	-3317 Aug 07 j 19:28	17°♋03'49	3°03'00
morning rise	-3317 Aug 13 j 21:07	11°♋37'32	
direct	-3317 Aug 16 j 15:55	10°♋55'31	
asc. node	-3317 Aug 17 j 19:39	11°♋02'44	
morning max el	-3317 Aug 23 j 05:08	14°♋29'00	18°16'03
	-3317 Sep 03 j 05:49	0°♌	
morning set	-3317 Sep 10 j 21:41	12°♌37'33	
	-3317 Sep 21 j 13:06	0°♍	
superior conj	-3317 Sep 25 j 09:20	6°♍08'40	0°21'43
minimum elong	-3317 Sep 25 j 12:01	6°♍19'21	0°21'25
max. Earth dist.	-3317 Sep 28 j 10:39	10°♍59'16	1.44718 AU
desc. node	-3317 Sep 28 j 19:14	11°♍33'11	
	-3317 Oct 10 j 13:48	0°♎	
evening rise	-3317 Oct 12 j 00:35	2°♎15'31	
greatest brilliancy	-3317 Oct 27 j 23:11	26°♎40'10	-0.7m
	-3317 Oct 30 j 07:21	0°♏	
evening max el	-3317 Nov 05 j 09:38	7°♏33'04	19°36'33
retrograde	-3317 Nov 12 j 17:18	11°♏48'04	
asc. node	-3317 Nov 13 j 18:37	11°♏41'39	
evening set	-3317 Nov 16 j 02:30	10°♏41'10	
inferior conj	-3317 Nov 21 j 17:24	4°♏41'47	2°29'46
minimum elong	-3317 Nov 21 j 14:31	4°♏51'13	2°28'45
min. Earth dist.	-3317 Nov 22 j 20:01	3°♏15'09	0.66263 AU
	-3317 Nov 25 j 12:36	30°℞♎	
morning rise	-3317 Nov 27 j 01:49	28°♎27'55	
direct	-3317 Dec 03 j 03:39	25°♎48'55	
	-3317 Dec 12 j 02:19	0°♏	
morning max el	-3317 Dec 15 j 10:02	3°♏03'24	25°46'05
desc. node	-3317 Dec 25 j 18:49	15°♏20'58	
	-3316 Jan 04 j 23:39	0°♐	
morning set	-3316 Jan 20 j 15:16	26°♐17'00	
	-3316 Jan 22 j 15:25	0°♑	
max. Earth dist.	-3316 Jan 24 j 13:01	3°♑35'51	1.35979 AU
superior conj	-3316 Jan 30 j 00:17	14°♑20'17	-1°-33'-1
minimum elong	-3316 Jan 30 j 03:32	14°♑36'39	1°32'47
	-3316 Feb 06 j 16:23	0°♒	
evening rise	-3316 Feb 07 j 00:04	0°♒39'07	
asc. node	-3316 Feb 09 j 17:49	6°♒09'10	
evening max el	-3316 Feb 24 j 22:44	29°♒34'16	20°04'37
	-3316 Feb 25 j 09:47	0°♓	
retrograde	-3316 Mar 06 j 04:17	4°♓26'14	
evening set	-3316 Mar 08 j 10:51	4°♓12'52	
inferior conj	-3316 Mar 17 j 05:45	0°♓12'53	1°29'40
minimum elong	-3316 Mar 17 j 09:26	0°♓07'19	1°28'26
	-3316 Mar 17 j 14:15	30°℞♒	
min. Earth dist.	-3316 Mar 19 j 05:59	29°♒00'09	0.55654 AU
desc. node	-3316 Mar 22 j 17:52	27°♒05'32	
morning rise	-3316 Mar 26 j 05:17	25°♒44'58	
direct	-3316 Mar 30 j 03:01	25°♒11'30	
	-3316 Apr 10 j 14:18	0°♓	
morning max el	-3316 Apr 12 j 20:41	1°♓59'57	23°49'45
	-3316 May 01 j 23:43	0°♈	
morning set	-3316 May 06 j 23:18	10°♈03'45	
asc. node	-3316 May 07 j 17:21	11°♈38'40	
superior conj	-3316 May 14 j 02:08	25°♈18'49	1°02'03
minimum elong	-3316 May 13 j 23:46	25°♈06'04	1°01'41
max. Earth dist.	-3316 May 16 j 02:02	29°♈34'59	1.33511 AU
	-3316 May 16 j 06:45	0°♉	
evening rise	-3316 May 21 j 14:32	11°♉01'10	
	-3316 May 31 j 18:51	0°♊	
desc. node	-3316 Jun 18 j 16:50	26°♊08'12	
	-3316 Jun 22 j 04:16	0°♋	
evening max el	-3316 Jun 24 j 01:27	1°♋53'06	27°24'54
retrograde	-3316 Jul 07 j 17:04	9°♋16'13	
evening set	-3316 Jul 14 j 20:49	6°♋36'02	
min. Earth dist.	-3316 Jul 18 j 11:41	3°♋23'22	0.63653 AU
inferior conj	-3316 Jul 21 j 01:59	0°♋42'49	-3°-44'-37
minimum elong	-3316 Jul 21 j 05:48	0°♋32'57	3°43'43
	-3316 Jul 21 j 18:39	30°℞♊	
morning rise	-3316 Jul 27 j 16:43	25°♊23'24	
direct	-3316 Jul 30 j 07:12	24°♊49'58	
asc. node	-3316 Aug 03 j 16:42	26°♊25'08	
morning max el	-3316 Aug 05 j 20:09	28°♊14'58	17°57'59
	-3316 Aug 07 j 10:46	0°♋	
morning set	-3316 Aug 22 j 18:58	24°♋23'30	
	-3316 Aug 26 j 00:49	0°♌	
superior conj	-3316 Sep 04 j 06:14	15°♌33'05	1°03'36
minimum elong	-3316 Sep 04 j 11:52	15°♌56'18	1°03'02
max. Earth dist.	-3316 Sep 10 j 03:07	25°♌05'09	1.43905 AU
	-3316 Sep 13 j 05:12	0°♍	
desc. node	-3316 Sep 14 j 16:15	2°♍18'16	
evening rise	-3316 Sep 20 j 07:15	11°♍04'27	
	-3316 Oct 02 j 18:53	0°♎	
greatest brilliancy	-3316 Oct 12 j 10:46	13°♎43'56	-0.5m
evening max el	-3316 Oct 18 j 12:03	20°♎59'29	20°37'32
retrograde	-3316 Oct 26 j 14:39	25°♎46'48	
evening set	-3316 Oct 30 j 09:27	24°♎24'27	
asc. node	-3316 Oct 30 j 15:41	24°♎12'41	
inferior conj	-3316 Nov 04 j 20:41	18°♎14'13	1°43'16
minimum elong	-3316 Nov 04 j 18:28	18°♎21'42	1°42'22
min. Earth dist.	-3316 Nov 05 j 11:19	17°♎24'32	0.66978 AU
morning rise	-3316 Nov 10 j 03:02	11°♎57'29	
direct	-3316 Nov 15 j 13:40	9°♎36'26	
morning max el	-3316 Nov 26 j 18:45	16°♎17'26	24°24'48
	-3316 Dec 08 j 03:27	0°♏	
desc. node	-3316 Dec 11 j 15:50	4°♏52'12	
	-3316 Dec 27 j 23:16	0°♐	
morning set	-3315 Jan 01 j 15:05	7°♐56'04	
max. Earth dist.	-3315 Jan 05 j 10:42	14°♐42'36	1.37865 AU
superior conj	-3315 Jan 12 j 07:46	27°♐33'46	-1°-48'-29
minimum elong	-3315 Jan 12 j 10:21	27°♐46'09	1°48'26
	-3315 Jan 13 j 14:00	0°♑	
evening rise	-3315 Jan 21 j 00:06	14°♑39'26	
asc. node	-3315 Jan 26 j 14:50	25°♑27'45	
	-3315 Jan 29 j 04:16	0°♒	
evening max el	-3315 Feb 06 j 17:21	11°♒37'06	19°06'22
retrograde	-3315 Feb 15 j 09:31	15°♒46'16	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3315 Feb 17 j 17:45	15°♒29'23	
inferior conj	-3315 Feb 25 j 19:44	11°♒15'58	2°55'51
minimum elong	-3315 Feb 26 j 00:34	11°♒07'36	2°54'37
min. Earth dist.	-3315 Feb 28 j 21:19	9°♒09'26	0.56984 AU
morning rise	-3315 Mar 06 j 03:30	6°♒17'04	
desc. node	-3315 Mar 09 j 14:57	5°♒22'02	
direct	-3315 Mar 11 j 06:16	5°♒15'38	
morning max el	-3315 Mar 25 j 11:40	12°♒34'52	25°25'45
	-3315 Apr 07 j 23:59	0°♓	
morning set	-3315 Apr 21 j 11:25	25°♓05'52	
	-3315 Apr 23 j 18:45	0°♈	
asc. node	-3315 Apr 24 j 14:20	1°♈45'33	
superior conj	-3315 Apr 28 j 12:26	10°♈17'30	0°40'00
minimum elong	-3315 Apr 28 j 10:45	10°♈08'23	0°39'41
max. Earth dist.	-3315 Apr 29 j 11:29	12°♈22'54	1.32856 AU
evening rise	-3315 May 05 j 17:06	25°♈37'23	
	-3315 May 07 j 20:57	0°♉	
	-3315 May 25 j 08:34	0°♊	
desc. node	-3315 Jun 05 j 13:53	13°♊43'26	
evening max el	-3315 Jun 06 j 08:33	14°♊28'53	27°13'20
retrograde	-3315 Jun 20 j 06:21	21°♊51'01	
evening set	-3315 Jun 27 j 07:22	19°♊31'39	
min. Earth dist.	-3315 Jun 30 j 22:08	16°♊43'06	0.61831 AU
inferior conj	-3315 Jul 04 j 00:43	13°♊52'40	-4°-13'-22
minimum elong	-3315 Jul 04 j 03:20	13°♊46'40	4°13'00
morning rise	-3315 Jul 11 j 02:00	8°♊53'43	
direct	-3315 Jul 13 j 14:08	8°♊26'39	
morning max el	-3315 Jul 20 j 10:24	11°♊52'27	17°58'16
asc. node	-3315 Jul 21 j 13:44	13°♊03'43	
	-3315 Aug 01 j 13:55	0°♋	
morning set	-3315 Aug 05 j 12:24	7°♋06'59	
superior conj	-3315 Aug 16 j 06:36	26°♋19'00	1°31'41
minimum elong	-3315 Aug 16 j 11:09	26°♋38'42	1°31'25
	-3315 Aug 18 j 10:04	0°♌	
max. Earth dist.	-3315 Aug 23 j 14:24	8°♌40'30	1.42495 AU
evening rise	-3315 Aug 30 j 14:45	19°♌57'55	
desc. node	-3315 Sep 01 j 13:14	23°♌00'05	
	-3315 Sep 06 j 02:17	0°♍	
greatest brilliancy	-3315 Sep 26 j 11:52	28°♍53'39	-0.4m
	-3315 Sep 27 j 09:34	0°♎	
evening max el	-3315 Oct 01 j 08:21	4°♎25'29	21°50'07
retrograde	-3315 Oct 10 j 10:54	9°♎50'15	
evening set	-3315 Oct 14 j 17:28	8°♎10'11	
asc. node	-3315 Oct 17 j 12:45	5°♎18'05	
inferior conj	-3315 Oct 20 j 02:36	1°♎52'50	0°52'37
minimum elong	-3315 Oct 20 j 01:24	1°♎56'58	0°52'06
min. Earth dist.	-3315 Oct 20 j 06:30	1°♎39'21	0.67367 AU
	-3315 Oct 21 j 11:34	30°℞♍	
morning rise	-3315 Oct 25 j 09:05	25°♍36'02	
direct	-3315 Oct 30 j 04:26	23°♍36'15	
morning max el	-3315 Nov 09 j 04:47	29°♍34'40	22°58'05
	-3315 Nov 09 j 14:41	0°♎	
greatest brilliancy	-3315 Nov 14 j 01:42	5°♎03'02	-0.3m
desc. node	-3315 Nov 28 j 12:52	24°♎50'20	
	-3315 Dec 01 j 23:37	0°♏	
morning set	-3315 Dec 13 j 12:23	18°♏15'26	
max. Earth dist.	-3315 Dec 18 j 06:23	26°♏15'49	1.39941 AU
	-3315 Dec 20 j 10:06	0°♐	
superior conj	-3315 Dec 25 j 23:47	9°♐58'23	-1°-55'-53
minimum elong	-3315 Dec 26 j 00:16	10°♐00'35	1°56'00
evening rise	-3314 Jan 04 j 15:25	28°♐09'13	
	-3314 Jan 05 j 14:39	0°♑	
asc. node	-3314 Jan 13 j 11:52	14°♑17'41	
evening max el	-3314 Jan 20 j 20:43	24°♑12'01	18°28'04
retrograde	-3314 Jan 28 j 09:05	27°♑53'09	
evening set	-3314 Jan 30 j 20:34	27°♑30'22	
inferior conj	-3314 Feb 07 j 06:10	22°♑56'53	3°44'38
minimum elong	-3314 Feb 07 j 09:01	22°♑51'09	3°44'10
min. Earth dist.	-3314 Feb 10 j 15:50	20°♑13'39	0.58844 AU
morning rise	-3314 Feb 14 j 17:55	17°♑32'23	
direct	-3314 Feb 20 j 23:01	15°♑52'37	
desc. node	-3314 Feb 24 j 12:02	16°♑24'11	
morning max el	-3314 Mar 07 j 05:35	23°♑27'44	26°43'39
	-3314 Mar 13 j 02:56	0°♒	
	-3314 Mar 31 j 22:20	0°♓	
morning set	-3314 Apr 05 j 22:06	10°♓02'59	
asc. node	-3314 Apr 11 j 11:21	21°♓57'51	
superior conj	-3314 Apr 13 j 00:06	25°♓19'02	0°16'01
minimum elong	-3314 Apr 12 j 23:24	25°♓15'10	0°15'51
max. Earth dist.	-3314 Apr 13 j 00:22	25°♓20'26	1.32553 AU
	-3314 Apr 15 j 03:29	0°♈	
evening rise	-3314 Apr 20 j 00:47	10°♈27'56	
	-3314 Apr 30 j 04:18	0°♉	
evening max el	-3314 May 19 j 10:11	26°♉24'17	26°29'05
desc. node	-3314 May 23 j 10:55	29°♉49'05	
	-3314 May 23 j 16:57	0°♊	
retrograde	-3314 Jun 02 j 11:50	3°♊42'41	
evening set	-3314 Jun 08 j 22:32	1°♊57'09	
	-3314 Jun 12 j 00:17	30°℞♉	
min. Earth dist.	-3314 Jun 12 j 23:29	29°♉16'51	0.59803 AU
inferior conj	-3314 Jun 16 j 08:18	26°♉35'49	-4°-23'-28
minimum elong	-3314 Jun 16 j 08:10	26°♉36'05	4°23'23
morning rise	-3314 Jun 23 j 21:19	21°♉58'49	
direct	-3314 Jun 26 j 08:44	21°♉36'28	
morning max el	-3314 Jul 03 j 21:00	25°♉13'48	18°17'54
	-3314 Jul 07 j 22:27	0°♊	
asc. node	-3314 Jul 08 j 10:48	0°♊43'16	
morning set	-3314 Jul 19 j 20:49	20°♊35'05	
	-3314 Jul 24 j 20:11	0°♋	
superior conj	-3314 Jul 29 j 08:12	8°♋20'16	1°45'55
minimum elong	-3314 Jul 29 j 10:09	8°♋29'14	1°45'56
max. Earth dist.	-3314 Aug 05 j 20:00	21°♋34'46	1.40690 AU
evening rise	-3314 Aug 10 j 17:09	29°♋45'40	
	-3314 Aug 10 j 20:38	0°♌	
desc. node	-3314 Aug 19 j 10:12	13°♌34'54	
	-3314 Aug 30 j 14:37	0°♍	
greatest brilliancy	-3314 Sep 08 j 10:12	11°♍38'15	-0.2m
evening max el	-3314 Sep 13 j 23:18	17°♍52'14	23°09'35
retrograde	-3314 Sep 24 j 04:27	23°♍55'09	
evening set	-3314 Sep 29 j 00:45	21°♍55'49	
inferior conj	-3314 Oct 04 j 09:18	15°♍35'01	0°00'-28
minimum elong	-3314 Oct 04 j 09:19	15°♍34'59	0°00'27
transit middle	-3314 Oct 04 j 09:19	15°♍34'59	0°00'27
transit begin	-3314 Oct 04 j 06:37	15°♍44'17	
transit end	-3314 Oct 04 j 12:01	15°♍25'42	
min. Earth dist.	-3314 Oct 04 j 03:00	15°♍56'44	0.67458 AU
asc. node	-3314 Oct 04 j 09:52	15°♍33'05	
morning rise	-3314 Oct 09 j 17:52	9°♍21'15	
direct	-3314 Oct 13 j 22:59	7°♍43'03	
morning max el	-3314 Oct 22 j 19:18	12°♍56'51	21°34'29
greatest brilliancy	-3314 Oct 27 j 21:33	18°♍48'04	-0.4m
	-3314 Nov 05 j 04:10	0°♎	
desc. node	-3314 Nov 15 j 09:51	15°♎06'48	
morning set	-3314 Nov 23 j 05:02	27°♎12'38	
	-3314 Nov 24 j 23:07	0°♏	
max. Earth dist.	-3314 Nov 30 j 07:21	8°♏40'39	1.41928 AU
superior conj	-3314 Dec 07 j 18:44	21°♏19'23	-1°-51'-33
minimum elong	-3314 Dec 07 j 15:39	21°♏05'59	1°51'32

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3314 Dec 12 j 16:54	0°♐	
evening rise	-3314 Dec 18 j 18:30	10°♐59'49	
	-3314 Dec 29 j 16:17	0°♑	
asc. node	-3314 Dec 31 j 08:56	2°♑29'08	
evening max el	-3313 Jan 04 j 05:59	7°♑09'42	18°09'43
retrograde	-3313 Jan 11 j 01:41	10°♑38'11	
evening set	-3313 Jan 13 j 16:15	10°♑08'13	
inferior conj	-3313 Jan 20 j 12:02	5°♑12'32	4°00'52
minimum elong	-3313 Jan 20 j 12:10	5°♑12'13	4°00'46
min. Earth dist.	-3313 Jan 23 j 16:09	2°♑16'37	0.60879 AU
	-3313 Jan 26 j 11:53	30°℞♐	
morning rise	-3313 Jan 27 j 05:28	29°♐30'05	
direct	-3313 Feb 03 j 02:28	27°♐14'01	
desc. node	-3313 Feb 11 j 09:07	0°♑06'56	
	-3313 Feb 11 j 04:51	0°♑	
morning max el	-3313 Feb 17 j 05:24	4°♑56'18	27°31'17
	-3313 Mar 07 j 21:47	0°♒	
morning set	-3313 Mar 21 j 05:30	24°♒47'57	
	-3313 Mar 23 j 17:11	0°♓	
max. Earth dist.	-3313 Mar 27 j 13:05	8°♓14'41	1.32594 AU
superior conj	-3313 Mar 28 j 11:29	10°♓16'48	0°-9'-7
minimum elong	-3313 Mar 28 j 11:54	10°♓19'04	0°09'05
behind sun begin	-3313 Mar 28 j 07:44	9°♓56'21	
behind sun end	-3313 Mar 28 j 16:03	10°♓41'47	
asc. node	-3313 Mar 29 j 08:22	12°♓10'53	
evening rise	-3313 Apr 04 j 11:25	25°♓24'42	
	-3313 Apr 06 j 16:31	0°♈	
	-3313 Apr 24 j 11:44	0°♉	
evening max el	-3313 May 01 j 05:41	7°♉38'16	25°16'23
desc. node	-3313 May 10 j 07:59	13°♉50'45	
retrograde	-3313 May 15 j 07:04	14°♉48'05	
evening set	-3313 May 20 j 15:42	13°♉41'14	
min. Earth dist.	-3313 May 25 j 17:54	10°♉52'32	0.57811 AU
inferior conj	-3313 May 28 j 21:17	8°♉42'42	-4°-4'-58
minimum elong	-3313 May 28 j 17:25	8°♉49'25	4°04'24
morning rise	-3313 Jun 05 j 23:08	4°♉26'57	
direct	-3313 Jun 08 j 10:47	4°♉08'12	
morning max el	-3313 Jun 17 j 01:04	8°♉09'54	18°57'53
asc. node	-3313 Jun 25 j 07:52	19°♉10'01	
	-3313 Jul 01 j 07:06	0°♊	
morning set	-3313 Jul 03 j 16:05	4°♊37'23	
superior conj	-3313 Jul 12 j 05:28	21°♊21'59	1°48'44
minimum elong	-3313 Jul 12 j 05:06	21°♊20'12	1°48'50
	-3313 Jul 16 j 19:53	0°♋	
max. Earth dist.	-3313 Jul 18 j 22:27	3°♋49'48	1.38728 AU
evening rise	-3313 Jul 22 j 21:34	10°♋48'56	
	-3313 Aug 03 j 16:13	0°♌	
desc. node	-3313 Aug 06 j 07:12	3°♌58'39	
	-3313 Aug 26 j 02:54	0°♍	
evening max el	-3313 Aug 27 j 11:05	1°♍22'14	24°29'39
retrograde	-3313 Sep 07 j 18:17	7°♍59'00	
evening set	-3313 Sep 13 j 05:36	5°♍40'27	
min. Earth dist.	-3313 Sep 17 j 22:21	0°♍15'57	0.67248 AU
	-3313 Sep 18 j 03:07	30°℞♌	
inferior conj	-3313 Sep 18 j 15:08	29°♌19'42	0°-54'-19
minimum elong	-3313 Sep 18 j 16:25	29°♌15'23	0°53'44
asc. node	-3313 Sep 21 j 06:59	25°♌55'40	
morning rise	-3313 Sep 24 j 03:31	23°♌12'09	
direct	-3313 Sep 27 j 20:10	21°♌53'48	
morning max el	-3313 Oct 05 j 16:54	26°♌28'19	20°20'22
	-3313 Oct 08 j 20:12	0°♍	
greatest brilliancy	-3313 Oct 12 j 09:22	4°♍34'22	-0.6m
	-3313 Oct 29 j 15:35	0°♎	
morning set	-3313 Nov 02 j 03:54	5°♎25'00	
desc. node	-3313 Nov 02 j 06:51	5°♎36'23	
max. Earth dist.	-3313 Nov 12 j 16:21	21°♎59'22	1.43538 AU
	-3313 Nov 17 j 14:46	0°♏	
superior conj	-3313 Nov 18 j 11:27	1°♏25'05	-1°-31'-41
minimum elong	-3313 Nov 18 j 04:48	0°♏57'42	1°31'10
evening rise	-3313 Dec 01 j 05:13	23°♏03'25	
	-3313 Dec 05 j 05:02	0°♐	
asc. node	-3313 Dec 18 j 06:00	19°♐50'46	
evening max el	-3313 Dec 18 j 18:13	20°♐22'30	18°10'50
retrograde	-3313 Dec 25 j 07:17	23°♐51'23	
evening set	-3313 Dec 28 j 01:10	23°♐13'21	
inferior conj	-3312 Jan 03 j 09:56	17°♐56'22	3°53'18
minimum elong	-3312 Jan 03 j 08:03	18°♐01'21	3°53'00
min. Earth dist.	-3312 Jan 06 j 01:17	15°♐10'01	0.62793 AU
morning rise	-3312 Jan 09 j 13:06	12°♐01'03	
direct	-3312 Jan 16 j 14:26	9°♐20'26	
desc. node	-3312 Jan 29 j 06:13	15°♐56'29	
morning max el	-3312 Jan 30 j 11:06	17°♐05'37	27°42'55
	-3312 Feb 10 j 05:58	0°♑	
	-3312 Feb 28 j 14:07	0°♒	
morning set	-3312 Mar 04 j 07:26	9°♒13'21	
max. Earth dist.	-3312 Mar 09 j 21:46	20°♒52'08	1.33000 AU
superior conj	-3312 Mar 11 j 20:52	25°♒05'05	0°-34'-29
minimum elong	-3312 Mar 11 j 22:26	25°♒13'29	0°34'15
	-3312 Mar 14 j 03:23	0°♓	
asc. node	-3312 Mar 15 j 05:23	2°♓20'44	
evening rise	-3312 Mar 18 j 23:08	10°♓20'52	
	-3312 Mar 29 j 04:14	0°♈	
evening max el	-3312 Apr 11 j 21:23	18°♈23'34	23°45'51
retrograde	-3312 Apr 25 j 14:00	25°♈13'51	
desc. node	-3312 Apr 26 j 05:06	25°♈12'57	
evening set	-3312 Apr 29 j 14:14	24°♈38'22	
min. Earth dist.	-3312 May 06 j 08:34	21°♈27'46	0.56185 AU
inferior conj	-3312 May 08 j 14:04	20°♈06'41	-3°-7'-41
minimum elong	-3312 May 08 j 07:54	20°♈16'04	3°06'08
morning rise	-3312 May 17 j 05:16	16°♈06'57	
direct	-3312 May 19 j 17:51	15°♈50'42	
morning max el	-3312 May 29 j 19:56	20°♈31'18	19°58'27
	-3312 Jun 06 j 09:37	0°♉	
asc. node	-3312 Jun 11 j 04:55	8°♉12'12	
morning set	-3312 Jun 16 j 18:55	19°♉04'29	
	-3312 Jun 22 j 03:49	0°♊	
superior conj	-3312 Jun 24 j 17:00	5°♊08'09	1°42'52
minimum elong	-3312 Jun 24 j 15:06	4°♊58'44	1°42'52
max. Earth dist.	-3312 Jun 30 j 02:25	15°♊39'26	1.36856 AU
evening rise	-3312 Jul 04 j 01:50	23°♊02'39	
	-3312 Jul 07 j 23:53	0°♋	
desc. node	-3312 Jul 23 j 04:12	24°♋05'03	
	-3312 Jul 27 j 09:40	0°♌	
evening max el	-3312 Aug 08 j 21:52	14°♌54'14	25°42'54
retrograde	-3312 Aug 21 j 03:44	21°♌56'40	
evening set	-3312 Aug 27 j 06:06	19°♌21'34	
min. Earth dist.	-3312 Aug 31 j 14:10	14°♌34'16	0.66709 AU
inferior conj	-3312 Sep 01 j 18:17	13°♌04'17	-1°-47'-18
minimum elong	-3312 Sep 01 j 20:47	12°♌56'15	1°46'15
asc. node	-3312 Sep 07 j 04:06	7°♌19'18	
morning rise	-3312 Sep 07 j 12:08	7°♌06'05	
direct	-3312 Sep 10 j 18:23	6°♌04'37	
morning max el	-3312 Sep 17 j 21:49	10°♌08'36	19°19'37
greatest brilliancy	-3312 Sep 28 j 03:45	23°♌39'51	-0.7m
	-3312 Oct 02 j 07:55	0°♍	
morning set	-3312 Oct 11 j 07:58	13°♍59'34	
desc. node	-3312 Oct 19 j 03:49	26°♍14'29	
	-3312 Oct 21 j 13:16	0°♎	
max. Earth dist.	-3312 Oct 25 j 07:19	5°♎54'55	1.44554 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3312 Oct 28 j 01:38	10°♎17'47	0°-54'-51
minimum elong	-3312 Oct 27 j 19:14	9°♎52'23	0°54'07
	-3312 Nov 09 j 06:07	0°♏	
evening rise	-3312 Nov 11 j 18:57	4°♏10'52	
	-3312 Nov 28 j 02:49	0°♐	
evening max el	-3312 Dec 01 j 06:37	3°♐43'53	18°30'38
asc. node	-3312 Dec 04 j 03:05	6°♐08'33	
retrograde	-3312 Dec 07 j 21:29	7°♐24'00	
evening set	-3312 Dec 10 j 19:46	6°♐36'31	
inferior conj	-3312 Dec 16 j 20:01	1°♐00'43	3°29'16
minimum elong	-3312 Dec 16 j 17:06	1°♐09'13	3°28'35
	-3312 Dec 17 j 16:44	30°℞♏	
min. Earth dist.	-3312 Dec 18 j 20:33	28°♏39'22	0.64416 AU
morning rise	-3312 Dec 22 j 13:08	24°♏55'59	
direct	-3312 Dec 29 j 09:38	22°♏05'37	
morning max el	-3311 Jan 11 j 20:15	29°♏48'07	27°19'26
	-3311 Jan 12 j 01:01	0°♐	
desc. node	-3311 Jan 15 j 03:18	3°♐17'56	
	-3311 Feb 03 j 03:50	0°♑	
morning set	-3311 Feb 16 j 01:06	23°♑10'06	
	-3311 Feb 19 j 11:15	0°♒	
max. Earth dist.	-3311 Feb 20 j 22:26	3°♒00'17	1.33804 AU
superior conj	-3311 Feb 24 j 02:26	9°♒37'41	0°-59'-6
minimum elong	-3311 Feb 24 j 04:59	9°♒51'13	0°58'45
asc. node	-3311 Mar 02 j 02:24	22°♒23'16	
evening rise	-3311 Mar 03 j 10:09	25°♒10'10	
	-3311 Mar 05 j 18:23	0°♓	
evening max el	-3311 Mar 24 j 15:22	29°♓07'38	22°11'51
	-3311 Mar 25 j 14:03	0°♈	
retrograde	-3311 Apr 06 j 09:23	5°♈20'25	
evening set	-3311 Apr 09 j 06:18	5°♈02'10	
desc. node	-3311 Apr 13 j 02:12	3°♈46'57	
min. Earth dist.	-3311 Apr 17 j 22:28	1°♈16'56	0.55256 AU
inferior conj	-3311 Apr 18 j 14:35	0°♈54'09	-1°-30'-52
minimum elong	-3311 Apr 18 j 10:30	0°♈59'55	1°29'32
	-3311 Apr 20 j 05:15	30°℞♓	
morning rise	-3311 Apr 27 j 16:23	26°♓57'04	
direct	-3311 Apr 30 j 09:26	26°♓40'29	
	-3311 May 09 j 12:24	0°♈	
morning max el	-3311 May 12 j 04:08	2°♈12'23	21°18'06
asc. node	-3311 May 29 j 01:57	27°♈41'11	
	-3311 May 30 j 05:45	0°♉	
morning set	-3311 Jun 01 j 02:47	3°♉49'33	
superior conj	-3311 Jun 08 j 14:32	19°♉26'33	1°30'33
minimum elong	-3311 Jun 08 j 11:58	19°♉13'14	1°30'22
max. Earth dist.	-3311 Jun 12 j 13:27	27°♉29'56	1.35268 AU
	-3311 Jun 13 j 19:40	0°♊	
evening rise	-3311 Jun 17 j 00:54	6°♊13'52	
	-3311 Jun 30 j 17:07	0°♋	
desc. node	-3311 Jul 10 j 01:13	13°♋46'19	
evening max el	-3311 Jul 22 j 09:03	28°♋24'11	26°41'17
	-3311 Jul 24 j 02:16	0°♌	
retrograde	-3311 Aug 04 j 08:24	5°♌41'47	
evening set	-3311 Aug 11 j 00:00	2°♌56'27	
	-3311 Aug 13 j 23:02	30°℞♋	
min. Earth dist.	-3311 Aug 15 j 00:06	28°♋47'39	0.65814 AU
inferior conj	-3311 Aug 16 j 16:47	26°♋45'53	-2°-37'-31
minimum elong	-3311 Aug 16 j 20:16	26°♋35'26	2°36'15
morning rise	-3311 Aug 22 j 17:37	21°♋00'10	
asc. node	-3311 Aug 25 j 01:12	20°♋14'13	
direct	-3311 Aug 25 j 15:50	20°♋12'08	
morning max el	-3311 Sep 01 j 08:29	23°♋54'33	18°34'25
	-3311 Sep 06 j 07:26	0°♌	
morning set	-3311 Sep 21 j 11:28	23°♌44'51	
	-3311 Sep 25 j 08:42	0°♍	
desc. node	-3311 Oct 06 j 00:47	16°♍57'39	
superior conj	-3311 Oct 07 j 01:30	18°♍35'06	0°-6'-34
minimum elong	-3311 Oct 07 j 00:38	18°♍31'40	0°06'27
behind sun begin	-3311 Oct 06 j 14:06	17°♍50'09	
behind sun end	-3311 Oct 07 j 11:10	19°♍13'11	
max. Earth dist.	-3311 Oct 08 j 01:03	20°♍07'53	1.44865 AU
	-3311 Oct 14 j 07:33	0°♎	
evening rise	-3311 Oct 23 j 08:13	14°♎15'27	
	-3311 Nov 02 j 07:20	0°♏	
evening max el	-3311 Nov 14 j 16:43	17°♏09'25	19°07'53
asc. node	-3311 Nov 21 j 00:10	21°♏06'56	
retrograde	-3311 Nov 21 j 16:30	21°♏09'33	
evening set	-3311 Nov 24 j 21:02	20°♏10'36	
inferior conj	-3311 Nov 30 j 14:50	14°♏19'02	2°53'53
minimum elong	-3311 Nov 30 j 11:45	14°♏28'45	2°52'55
min. Earth dist.	-3311 Dec 02 j 01:07	12°♏31'05	0.65692 AU
morning rise	-3311 Dec 06 j 01:33	8°♏07'36	
direct	-3311 Dec 12 j 11:17	5°♏21'10	
morning max el	-3311 Dec 25 j 05:56	12°♏50'19	26°26'27
desc. node	-3310 Jan 02 j 00:20	21°♏43'47	
	-3310 Jan 08 j 03:53	0°♐	
	-3310 Jan 26 j 19:01	0°♑	
morning set	-3310 Jan 30 j 06:37	6°♑25'03	
max. Earth dist.	-3310 Feb 03 j 11:36	14°♑31'28	1.35054 AU
superior conj	-3310 Feb 08 j 01:48	23°♑46'26	-1°-21'-40
minimum elong	-3310 Feb 08 j 04:59	24°♑02'48	1°21'20
	-3310 Feb 11 j 01:59	0°♒	
evening rise	-3310 Feb 15 j 18:31	9°♒45'06	
asc. node	-3310 Feb 16 j 23:24	12°♒13'00	
	-3310 Feb 26 j 15:38	0°♓	
evening max el	-3310 Mar 06 j 17:34	10°♓15'05	20°46'38
retrograde	-3310 Mar 17 j 22:55	15°♓36'21	
evening set	-3310 Mar 20 j 06:54	15°♓23'23	
inferior conj	-3310 Mar 29 j 09:47	11°♓25'50	0°26'06
minimum elong	-3310 Mar 29 j 10:59	11°♓24'07	0°25'39
min. Earth dist.	-3310 Mar 30 j 12:39	10°♓47'13	0.55241 AU
desc. node	-3310 Mar 30 j 23:19	10°♓32'02	
morning rise	-3310 Apr 07 j 13:36	7°♓12'59	
direct	-3310 Apr 10 j 21:25	6°♓48'54	
morning max el	-3310 Apr 24 j 02:07	13°♓13'21	22°52'22
	-3310 May 06 j 18:02	0°♈	
asc. node	-3310 May 15 j 22:56	17°♈29'06	
morning set	-3310 May 16 j 13:40	18°♈45'40	
	-3310 May 21 j 20:38	0°♉	
superior conj	-3310 May 23 j 18:52	4°♉06'30	1°13'30
minimum elong	-3310 May 23 j 16:16	3°♉52'43	1°13'11
max. Earth dist.	-3310 May 26 j 10:25	9°♉41'28	1.34045 AU
evening rise	-3310 May 31 j 13:40	20°♉07'35	
	-3310 Jun 05 j 18:12	0°♊	
	-3310 Jun 24 j 17:10	0°♋	
desc. node	-3310 Jun 26 j 22:16	2°♋51'34	
evening max el	-3310 Jul 04 j 20:23	11°♋43'19	27°17'13
retrograde	-3310 Jul 18 j 07:38	19°♋06'24	
evening set	-3310 Jul 25 j 08:35	16°♋20'54	
min. Earth dist.	-3310 Jul 29 j 02:05	12°♋49'04	0.64542 AU
inferior conj	-3310 Jul 31 j 08:20	10°♋20'21	-3°-22'-30
minimum elong	-3310 Jul 31 j 12:17	10°♋09'30	3°21'23
morning rise	-3310 Aug 06 j 17:35	4°♋50'12	
direct	-3310 Aug 09 j 10:11	4°♋12'17	
asc. node	-3310 Aug 11 j 22:16	4°♋45'00	
morning max el	-3310 Aug 15 j 22:35	7°♋41'31	18°06'09
	-3310 Aug 30 j 21:54	0°♌	
morning set	-3310 Sep 02 j 18:35	4°♌49'57	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3310 Sep 16 j 09:23	27°♌20'04	0°40'57
minimum elong	-3310 Sep 16 j 13:56	27°♌38'20	0°40'26
	-3310 Sep 18 j 01:13	0°♍	
max. Earth dist.	-3310 Sep 20 j 18:37	4°♍20'36	1.44449 AU
desc. node	-3310 Sep 22 j 21:45	7°♍42'52	
evening rise	-3310 Oct 02 j 22:54	23°♍23'43	
	-3310 Oct 07 j 05:41	0°♎	
greatest brilliancy	-3310 Oct 21 j 17:25	21°♎37'27	-0.6m
	-3310 Oct 28 j 08:36	0°♏	
evening max el	-3310 Oct 28 j 22:29	0°♏36'38	20°00'55
retrograde	-3310 Nov 05 j 13:35	5°♏04'32	
asc. node	-3310 Nov 07 j 21:15	4°♏33'22	
evening set	-3310 Nov 09 j 02:32	3°♏51'33	
	-3310 Nov 12 j 22:53	30°℞♎	
inferior conj	-3310 Nov 14 j 15:42	27°♎47'22	2°10'42
minimum elong	-3310 Nov 14 j 13:03	27°♎56'11	2°09'42
min. Earth dist.	-3310 Nov 15 j 13:08	26°♎36'11	0.66610 AU
morning rise	-3310 Nov 19 j 22:57	21°♎31'56	
direct	-3310 Nov 25 j 18:34	18°♎59'34	
morning max el	-3310 Dec 07 j 14:41	26°♎01'25	25°12'42
	-3310 Dec 11 j 06:53	0°♏	
desc. node	-3310 Dec 19 j 21:21	10°♏55'24	
	-3309 Jan 01 j 17:29	0°♐	
morning set	-3309 Jan 12 j 19:00	18°♐43'55	
max. Earth dist.	-3309 Jan 16 j 13:23	25°♐37'34	1.36745 AU
	-3309 Jan 18 j 20:57	0°♑	
superior conj	-3309 Jan 22 j 16:10	7°♑23'22	-1°-40'-22
minimum elong	-3309 Jan 22 j 19:17	7°♑38'44	1°40'12
evening rise	-3309 Jan 30 j 22:17	23°♑59'58	
	-3309 Feb 02 j 22:47	0°♒	
asc. node	-3309 Feb 03 j 20:25	1°♒44'44	
evening max el	-3309 Feb 17 j 06:23	21°♒57'49	19°37'26
retrograde	-3309 Feb 26 j 18:52	26°♒29'18	
evening set	-3309 Mar 01 j 01:50	26°♒14'47	
inferior conj	-3309 Mar 09 j 13:49	22°♒10'38	2°10'39
minimum elong	-3309 Mar 09 j 18:30	22°♒03'11	2°09'12
min. Earth dist.	-3309 Mar 12 j 03:10	20°♒33'26	0.56143 AU
desc. node	-3309 Mar 17 j 20:24	17°♒39'07	
morning rise	-3309 Mar 18 j 07:40	17°♒29'32	
direct	-3309 Mar 22 j 17:45	16°♒45'37	
morning max el	-3309 Apr 05 j 17:39	23°♒49'14	24°31'42
	-3309 Apr 11 j 07:33	0°♓	
	-3309 Apr 29 j 06:01	0°♈	
morning set	-3309 May 01 j 01:48	3°♈47'05	
asc. node	-3309 May 02 j 19:56	7°♈30'20	
superior conj	-3309 May 08 j 03:33	19°♈00'04	0°52'59
minimum elong	-3309 May 08 j 01:26	18°♈48'36	0°52'37
max. Earth dist.	-3309 May 09 j 16:17	22°♈18'19	1.33194 AU
	-3309 May 13 j 07:23	0°♉	
evening rise	-3309 May 15 j 12:08	4°♉31'19	
	-3309 May 29 j 11:08	0°♊	
desc. node	-3309 Jun 13 j 19:19	21°♊05'26	
evening max el	-3309 Jun 17 j 05:57	24°♊38'57	27°24'08
	-3309 Jun 24 j 04:34	0°♋	
retrograde	-3309 Jul 01 j 00:35	2°♋01'25	
	-3309 Jul 07 j 09:39	30°℞♊	
evening set	-3309 Jul 08 j 04:18	29°♊28'45	
min. Earth dist.	-3309 Jul 11 j 18:24	26°♊27'38	0.62908 AU
inferior conj	-3309 Jul 14 j 14:09	23°♊41'15	-3°-58'-41
minimum elong	-3309 Jul 14 j 17:38	23°♊32'40	3°57'59
morning rise	-3309 Jul 21 j 09:11	18°♊29'55	
direct	-3309 Jul 23 j 22:28	17°♊59'22	
asc. node	-3309 Jul 29 j 19:19	20°♊40'58	
morning max el	-3309 Jul 30 j 13:31	21°♊23'40	17°55'47
	-3309 Aug 06 j 02:33	0°♋	
morning set	-3309 Aug 16 j 01:08	17°♋01'56	
	-3309 Aug 23 j 10:49	0°♌	
superior conj	-3309 Aug 27 j 17:38	7°♌17'26	1°17'19
minimum elong	-3309 Aug 27 j 23:10	7°♌40'42	1°16'51
max. Earth dist.	-3309 Sep 03 j 09:17	18°♌15'35	1.43367 AU
desc. node	-3309 Sep 09 j 18:43	28°♌26'33	
	-3309 Sep 10 j 18:36	0°♍	
evening rise	-3309 Sep 12 j 03:22	2°♍07'34	
	-3309 Sep 30 j 19:47	0°♎	
greatest brilliancy	-3309 Oct 06 j 12:50	7°♎44'02	-0.5m
evening max el	-3309 Oct 11 j 22:26	14°♎03'02	21°07'18
retrograde	-3309 Oct 20 j 10:32	19°♎05'17	
evening set	-3309 Oct 24 j 10:09	17°♎35'37	
asc. node	-3309 Oct 25 j 18:20	16°♎25'00	
inferior conj	-3309 Oct 29 j 20:19	11°♎22'09	1°22'10
minimum elong	-3309 Oct 29 j 18:30	11°♎28'21	1°21'26
min. Earth dist.	-3309 Oct 30 j 06:17	10°♎48'00	0.67186 AU
morning rise	-3309 Nov 04 j 02:29	5°♎05'16	
direct	-3309 Nov 09 j 06:41	2°♎52'58	
morning max el	-3309 Nov 19 j 23:25	9°♎15'48	23°48'02
	-3309 Dec 06 j 07:33	0°♏	
desc. node	-3309 Dec 06 j 18:22	0°♏38'57	
morning set	-3309 Dec 25 j 08:08	29°♏49'57	
	-3309 Dec 25 j 10:30	0°♐	
max. Earth dist.	-3309 Dec 29 j 09:22	6°♐51'50	1.38750 AU
superior conj	-3308 Jan 05 j 17:43	20°♐17'41	-1°-52'-48
minimum elong	-3308 Jan 05 j 19:35	20°♐26'32	1°52'51
	-3308 Jan 10 j 19:05	0°♑	
evening rise	-3308 Jan 14 j 18:58	7°♑48'02	
asc. node	-3308 Jan 21 j 17:27	20°♑51'58	
	-3308 Jan 27 j 12:49	0°♒	
evening max el	-3308 Jan 31 j 05:02	4°♒14'59	18°47'31
retrograde	-3308 Feb 08 j 07:46	8°♒10'07	
evening set	-3308 Feb 10 j 17:32	7°♒50'47	
inferior conj	-3308 Feb 18 j 12:16	3°♒29'00	3°21'01
minimum elong	-3308 Feb 18 j 16:29	3°♒21'12	3°20'07
min. Earth dist.	-3308 Feb 21 j 19:13	1°♒04'29	0.57740 AU
	-3308 Feb 23 j 09:37	30°℞♑	
morning rise	-3308 Feb 26 j 11:41	28°♑18'36	
direct	-3308 Mar 03 j 02:40	27°♑01'38	
desc. node	-3308 Mar 03 j 17:30	27°♑02'34	
	-3308 Mar 11 j 21:22	0°♒	
morning max el	-3308 Mar 17 j 09:09	4°♒28'03	26°01'58
	-3308 Apr 04 j 20:39	0°♓	
morning set	-3308 Apr 14 j 13:33	18°♓48'02	
asc. node	-3308 Apr 18 j 16:56	27°♓40'03	
	-3308 Apr 19 j 18:37	0°♈	
superior conj	-3308 Apr 21 j 14:39	4°♈00'42	0°30'01
minimum elong	-3308 Apr 21 j 13:22	3°♈53'38	0°29'45
max. Earth dist.	-3308 Apr 22 j 03:54	5°♈13'08	1.32690 AU
evening rise	-3308 Apr 28 j 17:13	19°♈14'56	
	-3308 May 04 j 02:46	0°♉	
	-3308 May 23 j 02:52	0°♊	
evening max el	-3308 May 29 j 11:08	6°♊58'58	26°58'25
desc. node	-3308 May 30 j 16:22	8°♊06'33	
retrograde	-3308 Jun 12 j 10:27	14°♊18'59	
evening set	-3308 Jun 19 j 07:05	12°♊12'45	
min. Earth dist.	-3308 Jun 23 j 00:39	9°♊30'02	0.60984 AU
inferior conj	-3308 Jun 26 j 06:56	6°♊41'12	-4°-20'-31
minimum elong	-3308 Jun 26 j 08:34	6°♊37'39	4°20'19
morning rise	-3308 Jul 03 j 13:02	1°♊51'25	
direct	-3308 Jul 06 j 00:53	1°♊26'21	
morning max el	-3308 Jul 13 j 02:35	4°♊55'19	18°04'15
asc. node	-3308 Jul 15 j 16:23	7°♊47'20	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3308 Jul 29 j 01:35	0°♋06'14		
	-3308 Jul 29 j 00:14	0°♋		
superior conj	-3308 Aug 08 j 05:24	18°♋37'14	1°39'18	
minimum elong	-3308 Aug 08 j 08:54	18°♋52'44	1°39'10	
	-3308 Aug 14 j 19:40	0°♌		
max. Earth dist.	-3308 Aug 15 j 18:45	1°♌36'48	1.41763 AU	
evening rise	-3308 Aug 21 j 17:17	11°♌19'29		
desc. node	-3308 Aug 26 j 15:42	19°♌05'44		
	-3308 Sep 02 j 20:24	0°♍		
greatest brilliancy	-3308 Sep 18 j 22:40	22°♍09'18	-0.3m	
evening max el	-3308 Sep 23 j 16:17	27°♍28'48	22°23'21	
	-3308 Sep 26 j 09:41	0°♎		
retrograde	-3308 Oct 03 j 05:45	3°♎09'40		
evening set	-3308 Oct 07 j 18:06	1°♎21'15		
	-3308 Oct 09 j 04:49	30°℞♍		
asc. node	-3308 Oct 11 j 15:27	27°♍02'34		
inferior conj	-3308 Oct 13 j 02:46	25°♍01'56	0°30'15	
minimum elong	-3308 Oct 13 j 02:04	25°♍04'22	0°29'59	
min. Earth dist.	-3308 Oct 13 j 02:13	25°♍03'51	0.67446 AU	
morning rise	-3308 Oct 18 j 09:56	18°♍46'19		
direct	-3308 Oct 22 j 23:03	16°♍56'00		
morning max el	-3308 Nov 01 j 11:05	22°♍34'47	22°21'46	
greatest brilliancy	-3308 Nov 06 j 03:41	27°♍52'12	-0.3m	
	-3308 Nov 07 j 20:40	0°♎		
desc. node	-3308 Nov 22 j 15:22	20°♎45'18		
	-3308 Nov 28 j 16:42	0°♏		
morning set	-3308 Dec 04 j 16:58	9°♏32'34		
max. Earth dist.	-3308 Dec 10 j 07:13	18°♏47'18	1.40819 AU	
	-3308 Dec 16 j 18:48	0°♐		
superior conj	-3308 Dec 18 j 01:28	2°♐16'34	-1°-55'-43	
minimum elong	-3308 Dec 18 j 00:34	2°♐12'35	1°55'50	
evening rise	-3308 Dec 28 j 05:34	21°♐02'11		
	-3307 Jan 02 j 01:33	0°♑		
asc. node	-3307 Jan 07 j 14:31	9°♑26'42		
evening max el	-3307 Jan 13 j 11:13	17°♑00'07	18°17'46	
retrograde	-3307 Jan 20 j 15:17	20°♑34'31		
evening set	-3307 Jan 23 j 04:01	20°♑08'49		
inferior conj	-3307 Jan 30 j 07:21	15°♑25'38	3°54'59	
minimum elong	-3307 Jan 30 j 09:01	15°♑22'03	3°54'46	
min. Earth dist.	-3307 Feb 02 j 15:46	12°♑34'09	0.59705 AU	
morning rise	-3307 Feb 06 j 10:52	9°♑52'26		
direct	-3307 Feb 12 j 23:56	7°♑56'39		
desc. node	-3307 Feb 18 j 14:36	9°♑16'10		
morning max el	-3307 Feb 27 j 05:40	15°♑35'30	27°08'14	
	-3307 Mar 10 j 23:28	0°♒		
	-3307 Mar 28 j 04:01	0°♓		
morning set	-3307 Mar 29 j 23:07	3°♓41'11		
max. Earth dist.	-3307 Apr 05 j 17:20	18°♓11'41	1.32527 AU	
asc. node	-3307 Apr 05 j 13:57	17°♓53'08		
superior conj	-3307 Apr 06 j 02:24	19°♓01'21	0°05'28	
minimum elong	-3307 Apr 06 j 02:10	19°♓00'00	0°05'22	
behind sun begin	-3307 Apr 05 j 21:26	18°♓34'06		
behind sun end	-3307 Apr 06 j 06:54	19°♓25'56		
	-3307 Apr 11 j 03:29	0°♈		
evening rise	-3307 Apr 13 j 02:25	4°♈08'56		
	-3307 Apr 27 j 00:01	0°♉		
evening max el	-3307 May 11 j 09:51	18°♉35'15	26°01'03	
desc. node	-3307 May 17 j 13:28	23°♉24'11		
retrograde	-3307 May 25 j 11:51	25°♉51'19		
evening set	-3307 May 31 j 13:01	24°♉21'56		
min. Earth dist.	-3307 Jun 04 j 22:27	21°♉40'16	0.58935 AU	
inferior conj	-3307 Jun 08 j 06:57	19°♉09'39	-4°-19'-45	
minimum elong	-3307 Jun 08 j 05:16	19°♉12'50	4°19'35	
morning rise	-3307 Jun 16 j 01:22	14°♉42'24		
direct	-3307 Jun 18 j 12:51	14°♉21'42		
morning max el	-3307 Jun 26 j 10:50	18°♉07'18	18°32'28	
asc. node	-3307 Jul 02 j 13:26	25°♉48'16		
	-3307 Jul 05 j 03:26	0°♊		
morning set	-3307 Jul 12 j 15:03	13°♊49'39		
	-3307 Jul 21 j 01:55	0°♋		
superior conj	-3307 Jul 21 j 16:08	1°♋06'19	1°48'20	
minimum elong	-3307 Jul 21 j 17:01	1°♋10'28	1°48'25	
max. Earth dist.	-3307 Jul 28 j 22:23	14°♋12'30	1.39855 AU	
evening rise	-3307 Aug 02 j 06:30	21°♋37'54		
	-3307 Aug 07 j 09:02	0°♌		
desc. node	-3307 Aug 13 j 12:41	9°♌36'11		
	-3307 Aug 27 j 21:38	0°♍		
evening max el	-3307 Sep 06 j 05:23	10°♍55'42	23°43'58	
retrograde	-3307 Sep 16 j 21:59	17°♍14'30		
evening set	-3307 Sep 22 j 00:36	15°♍06'39		
inferior conj	-3307 Sep 27 j 09:20	8°♍45'10	0°-23'-20	
minimum elong	-3307 Sep 27 j 09:53	8°♍43'18	0°23'04	
min. Earth dist.	-3307 Sep 26 j 22:34	9°♍21'56	0.67401 AU	
asc. node	-3307 Sep 28 j 12:33	7°♍13'11		
morning rise	-3307 Oct 02 j 19:19	2°♍33'41		
direct	-3307 Oct 06 j 18:46	1°♍04'28		
morning max el	-3307 Oct 15 j 04:36	6°♍01'03	21°01'33	
greatest brilliancy	-3307 Oct 20 j 20:05	12°♍37'51	-0.5m	
	-3307 Nov 02 j 03:34	0°♎		
desc. node	-3307 Nov 09 j 12:22	11°♎07'48		
morning set	-3307 Nov 13 j 23:54	18°♎04'09		
	-3307 Nov 21 j 11:55	0°♏		
max. Earth dist.	-3307 Nov 22 j 11:22	1°♏35'14	1.42664 AU	
superior conj	-3307 Nov 29 j 09:45	13°♏06'24	-1°-45'-13	
minimum elong	-3307 Nov 29 j 04:58	12°♏46'07	1°45'00	
	-3307 Dec 09 j 02:21	0°♐		
evening rise	-3307 Dec 11 j 02:17	3°♐34'14		
asc. node	-3307 Dec 25 j 11:36	27°♐18'53		
	-3307 Dec 27 j 19:57	0°♑		
evening max el	-3307 Dec 27 j 22:05	0°♑05'22	18°07'54	
retrograde	-3306 Jan 03 j 14:04	3°♑32'52		
evening set	-3306 Jan 06 j 05:49	2°♑59'47		
	-3306 Jan 10 j 15:53	30°℞♐		
inferior conj	-3306 Jan 12 j 20:37	27°♐55'01	4°00'06	
minimum elong	-3306 Jan 12 j 19:46	27°♐57'05	3°59'57	
min. Earth dist.	-3306 Jan 15 j 19:54	25°♐00'27	0.61712 AU	
morning rise	-3306 Jan 19 j 07:24	22°♐06'17		
direct	-3306 Jan 26 j 07:27	19°♐37'50		
desc. node	-3306 Feb 05 j 11:42	23°♐57'41		
morning max el	-3306 Feb 09 j 08:24	27°♐22'53	27°40'43	
	-3306 Feb 11 j 20:53	0°♑		
	-3306 Mar 04 j 13:55	0°♒		
morning set	-3306 Mar 14 j 04:32	18°♒19'27		
	-3306 Mar 19 j 17:34	0°♓		
max. Earth dist.	-3306 Mar 20 j 04:45	1°♓00'24	1.32718 AU	
superior conj	-3306 Mar 21 j 13:11	3°♓56'18	0°-19'-53	
minimum elong	-3306 Mar 21 j 14:05	4°♓01'13	0°19'46	
asc. node	-3306 Mar 23 j 10:59	8°♓05'39		
evening rise	-3306 Mar 28 j 13:45	19°♓06'24		
	-3306 Apr 02 j 22:54	0°♈		
evening max el	-3306 Apr 23 j 03:04	29°♈34'10	24°39'10	
	-3306 Apr 23 j 14:00	0°♉		
desc. node	-3306 May 04 j 10:33	6°♉21'49		
retrograde	-3306 May 07 j 02:33	6°♉38'17		
evening set	-3306 May 11 j 21:22	5°♉46'22		
min. Earth dist.	-3306 May 17 j 15:06	2°♉49'29	0.57055 AU	
inferior conj	-3306 May 20 j 11:18	0°♉58'29	-3°-45'-47	
minimum elong	-3306 May 20 j 06:05	1°♉07'02	3°44'49	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3306 May 21 j 23:35	30°℞♈	
morning rise	-3306 May 28 j 18:55	26°♈50'39	
direct	-3306 May 31 j 06:35	26°♈33'18	
	-3306 Jun 08 j 12:44	0°♉	
morning max el	-3306 Jun 09 j 11:21	0°♉50'04	19°21'07
asc. node	-3306 Jun 19 j 10:29	14°♉31'06	
morning set	-3306 Jun 26 j 13:50	28°♉02'54	
	-3306 Jun 27 j 13:19	0°♊	
superior conj	-3306 Jul 04 j 20:02	14°♊28'24	1°47'09
minimum elong	-3306 Jul 04 j 18:55	14°♊22'56	1°47'14
max. Earth dist.	-3306 Jul 11 j 00:09	26°♊11'09	1.37907 AU
	-3306 Jul 13 j 02:26	0°♋	
evening rise	-3306 Jul 14 j 21:37	3°♋12'23	
desc. node	-3306 Jul 31 j 09:41	29°♋53'01	
	-3306 Jul 31 j 11:35	0°♌	
evening max el	-3306 Aug 19 j 16:25	24°♌26'14	25°02'12
	-3306 Aug 26 j 19:59	0°♍	
retrograde	-3306 Aug 31 j 10:10	1°♍15'48	
	-3306 Sep 04 j 14:08	30°℞♌	
evening set	-3306 Sep 06 j 03:49	28°♌49'50	
min. Earth dist.	-3306 Sep 10 j 16:49	23°♌40'37	0.67052 AU
inferior conj	-3306 Sep 11 j 14:15	22°♌29'55	-1°-17'-1
minimum elong	-3306 Sep 11 j 16:04	22°♌23'54	1°16'13
asc. node	-3306 Sep 15 j 09:40	17°♌55'47	
morning rise	-3306 Sep 17 j 04:45	16°♌25'43	
direct	-3306 Sep 20 j 16:37	15°♌14'59	
morning max el	-3306 Sep 28 j 05:19	19°♌35'51	19°52'40
greatest brilliancy	-3306 Oct 05 j 23:32	29°♌17'26	-0.6m
	-3306 Oct 06 j 11:37	0°♍	
morning set	-3306 Oct 23 j 21:49	26°♍16'31	
	-3306 Oct 26 j 07:23	0°♎	
desc. node	-3306 Oct 27 j 09:19	1°♎41'01	
max. Earth dist.	-3306 Nov 04 j 22:38	15°♎09'20	1.44044 AU
superior conj	-3306 Nov 09 j 14:37	22°♎38'51	-1°-18'-1
minimum elong	-3306 Nov 09 j 07:23	22°♎09'35	1°17'19
	-3306 Nov 14 j 02:39	0°♏	
evening rise	-3306 Nov 23 j 04:34	15°♏14'13	
	-3306 Dec 01 j 22:14	0°♐	
evening max el	-3306 Dec 11 j 10:45	13°♐22'24	18°17'09
asc. node	-3306 Dec 12 j 08:42	14°♐15'04	
retrograde	-3306 Dec 17 j 23:37	16°♐54'42	
evening set	-3306 Dec 20 j 19:12	16°♐12'53	
inferior conj	-3306 Dec 27 j 00:06	10°♐47'55	3°44'45
minimum elong	-3306 Dec 26 j 21:40	10°♐54'38	3°44'18
min. Earth dist.	-3306 Dec 29 j 09:20	8°♐10'29	0.63524 AU
morning rise	-3305 Jan 01 j 22:31	4°♐48'21	
direct	-3305 Jan 08 j 22:53	2°♐01'24	
morning max el	-3305 Jan 22 j 15:41	9°♐46'39	27°36'54
desc. node	-3305 Jan 23 j 08:46	10°♐29'35	
	-3305 Feb 07 j 12:52	0°♑	
	-3305 Feb 24 j 20:13	0°♒	
morning set	-3305 Feb 26 j 03:18	2°♒33'36	
max. Earth dist.	-3305 Mar 03 j 10:14	13°♒25'17	1.33289 AU
superior conj	-3305 Mar 05 j 21:11	18°♒38'40	0°-45'-5
minimum elong	-3305 Mar 05 j 23:12	18°♒49'26	0°44'47
asc. node	-3305 Mar 10 j 08:01	28°♒12'55	
	-3305 Mar 11 j 04:01	0°♓	
evening rise	-3305 Mar 13 j 01:20	4°♓00'06	
	-3305 Mar 27 j 08:15	0°♈	
evening max el	-3305 Apr 04 j 19:06	10°♈16'03	23°05'31
retrograde	-3305 Apr 18 j 04:10	16°♈52'04	
desc. node	-3305 Apr 21 j 07:39	16°♈30'23	
evening set	-3305 Apr 21 j 15:11	16°♈25'55	
min. Earth dist.	-3305 Apr 29 j 05:27	13°♈02'17	0.55692 AU
inferior conj	-3305 Apr 30 j 20:19	12°♈05'37	-2°-30'-53
minimum elong	-3305 Apr 30 j 14:26	12°♈14'13	2°29'09
morning rise	-3305 May 09 j 16:35	8°♈08'34	
direct	-3305 May 12 j 06:18	7°♈52'39	
morning max el	-3305 May 23 j 01:42	12°♈54'32	20°30'04
	-3305 Jun 04 j 06:56	0°♉	
asc. node	-3305 Jun 06 j 07:31	3°♉45'41	
morning set	-3305 Jun 10 j 19:05	12°♉38'30	
superior conj	-3305 Jun 18 j 12:15	28°♉29'30	1°38'19
minimum elong	-3305 Jun 18 j 09:59	28°♉17'58	1°38'14
	-3305 Jun 19 j 06:08	0°♊	
max. Earth dist.	-3305 Jun 23 j 06:39	7°♊58'32	1.36144 AU
evening rise	-3305 Jun 27 j 10:35	15°♊52'51	
	-3305 Jul 05 j 10:41	0°♋	
desc. node	-3305 Jul 18 j 06:42	19°♋49'56	
	-3305 Jul 25 j 22:57	0°♌	
evening max el	-3305 Aug 02 j 03:32	7°♌59'15	26°10'08
retrograde	-3305 Aug 14 j 17:34	15°♌08'57	
evening set	-3305 Aug 21 j 01:47	12°♌28'52	
min. Earth dist.	-3305 Aug 25 j 06:30	7°♌57'39	0.66372 AU
inferior conj	-3305 Aug 26 j 15:41	6°♌14'08	-2°-9'-3
minimum elong	-3305 Aug 26 j 18:39	6°♌04'52	2°07'54
morning rise	-3305 Sep 01 j 12:17	0°♌20'35	
asc. node	-3305 Sep 02 j 06:44	29°♋56'33	
	-3305 Sep 02 j 03:45	30°℞♋	
direct	-3305 Sep 04 j 14:54	29°♋25'06	
	-3305 Sep 07 j 03:43	0°♌	
morning max el	-3305 Sep 11 j 12:50	3°♌18'48	18°58'22
	-3305 Sep 30 j 02:01	0°♍	
morning set	-3305 Oct 03 j 10:32	5°♍18'01	
desc. node	-3305 Oct 14 j 06:18	22°♍21'42	
max. Earth dist.	-3305 Oct 18 j 15:20	29°♍15'16	1.44781 AU
	-3305 Oct 19 j 02:41	0°♎	
superior conj	-3305 Oct 19 j 20:25	1°♎09'57	0°-35'-8
minimum elong	-3305 Oct 19 j 15:55	0°♎52'11	0°34'35
evening rise	-3305 Nov 04 j 08:07	25°♎55'06	
	-3305 Nov 06 j 20:27	0°♏	
evening max el	-3305 Nov 24 j 22:30	26°♏46'07	18°44'27
asc. node	-3305 Nov 29 j 05:46	0°♐00'49	
	-3305 Nov 29 j 05:01	0°♐	
retrograde	-3305 Dec 01 j 16:09	0°♐33'17	
	-3305 Dec 04 j 02:12	30°℞♏	
evening set	-3305 Dec 04 j 16:58	29°♏41'03	
inferior conj	-3305 Dec 10 j 14:13	23°♏58'12	3°15'22
minimum elong	-3305 Dec 10 j 11:09	24°♏07'29	3°14'32
min. Earth dist.	-3305 Dec 12 j 08:30	21°♏50'35	0.65010 AU
morning rise	-3305 Dec 16 j 04:15	17°♏50'36	
direct	-3305 Dec 22 j 20:52	15°♏00'27	
morning max el	-3304 Jan 05 j 01:07	22°♏37'54	27°00'00
desc. node	-3304 Jan 10 j 05:49	28°♏20'41	
	-3304 Jan 11 j 14:32	0°♐	
	-3304 Jan 31 j 18:30	0°♑	
morning set	-3304 Feb 09 j 16:16	16°♑13'24	
max. Earth dist.	-3304 Feb 14 j 06:13	25°♑17'02	1.34284 AU
	-3304 Feb 16 j 13:27	0°♒	
superior conj	-3304 Feb 18 j 00:23	3°♒01'43	-1°-9'-2
minimum elong	-3304 Feb 18 j 03:17	3°♒16'49	1°08'39
evening rise	-3304 Feb 25 j 11:26	18°♒43'48	
asc. node	-3304 Feb 25 j 05:02	18°♒10'28	
	-3304 Mar 02 j 02:53	0°♓	
evening max el	-3304 Mar 16 j 16:03	21°♓07'28	21°33'57
retrograde	-3304 Mar 28 j 19:18	26°♓58'41	
evening set	-3304 Mar 31 j 09:10	26°♓43'40	
desc. node	-3304 Apr 07 j 04:45	24°♓05'13	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3304 Apr 09 j 16:47	22°♓42'27	0°-41'-49
minimum elong	-3304 Apr 09 j 14:50	22°♓45'12	0°41'09
min. Earth dist.	-3304 Apr 09 j 19:07	22°♓39'11	0.55137 AU
morning rise	-3304 Apr 18 j 20:51	18°♓41'08	
direct	-3304 Apr 21 j 18:56	18°♓22'23	
morning max el	-3304 May 04 j 05:07	24°♓16'52	21°56'52
	-3304 May 09 j 08:27	0°♈	
asc. node	-3304 May 23 j 04:31	23°♈23'37	
morning set	-3304 May 25 j 04:28	27°♈29'14	
	-3304 May 26 j 09:24	0°♉	
superior conj	-3304 Jun 01 j 12:59	12°♉58'01	1°23'49
minimum elong	-3304 Jun 01 j 10:20	12°♉44'06	1°23'33
max. Earth dist.	-3304 Jun 04 j 22:11	19°♉58'11	1.34705 AU
evening rise	-3304 Jun 09 j 16:01	29°♉23'45	
	-3304 Jun 09 j 23:32	0°♊	
	-3304 Jun 27 j 13:35	0°♋	
desc. node	-3304 Jul 04 j 03:44	9°♋17'30	
evening max el	-3304 Jul 14 j 15:01	21°♋26'20	26°59'44
retrograde	-3304 Jul 27 j 19:42	28°♋46'25	
evening set	-3304 Aug 03 j 16:03	25°♋59'39	
min. Earth dist.	-3304 Aug 07 j 13:11	22°♋07'06	0.65325 AU
inferior conj	-3304 Aug 09 j 11:30	19°♋53'17	-2°-57'-24
minimum elong	-3304 Aug 09 j 15:17	19°♋42'23	2°56'10
morning rise	-3304 Aug 15 j 15:45	14°♋13'49	
direct	-3304 Aug 18 j 11:24	13°♋30'19	
asc. node	-3304 Aug 19 j 03:47	13°♋32'52	
morning max el	-3304 Aug 25 j 01:15	17°♋05'43	18°20'17
	-3304 Sep 03 j 11:45	0°♌	
morning set	-3304 Sep 13 j 01:59	15°♌38'18	
	-3304 Sep 21 j 21:49	0°♍	
superior conj	-3304 Sep 27 j 20:49	9°♍30'41	0°14'28
minimum elong	-3304 Sep 27 j 22:39	9°♍37'58	0°14'16
behind sun begin	-3304 Sep 27 j 17:13	9°♍16'27	
behind sun end	-3304 Sep 28 j 04:05	9°♍59'29	
desc. node	-3304 Sep 30 j 03:15	13°♍06'00	
max. Earth dist.	-3304 Sep 30 j 09:56	13°♍32'21	1.44782 AU
	-3304 Oct 10 j 21:38	0°♎	
evening rise	-3304 Oct 14 j 11:02	5°♎33'57	
greatest brilliancy	-3304 Oct 29 j 06:51	28°♎25'49	-0.7m
	-3304 Oct 30 j 08:35	0°♏	
evening max el	-3304 Nov 07 j 06:58	10°♏12'24	19°28'36
retrograde	-3304 Nov 14 j 12:23	14°♏23'23	
asc. node	-3304 Nov 15 j 02:48	14°♏21'19	
evening set	-3304 Nov 17 j 20:19	13°♏18'35	
inferior conj	-3304 Nov 23 j 11:54	7°♏21'01	2°36'20
minimum elong	-3304 Nov 23 j 08:57	7°♏30'35	2°35'19
min. Earth dist.	-3304 Nov 24 j 16:26	5°♏48'51	0.66126 AU
morning rise	-3304 Nov 28 j 20:50	1°♏07'39	
	-3304 Nov 30 j 07:26	30°℞♎	
direct	-3304 Dec 05 j 00:43	28°♎26'33	
	-3304 Dec 10 j 06:24	0°♏	
morning max el	-3304 Dec 17 j 10:36	5°♏45'18	25°57'08
desc. node	-3304 Dec 27 j 02:52	17°♏07'50	
	-3303 Jan 05 j 05:15	0°♐	
morning set	-3303 Jan 22 j 15:12	29°♐06'30	
	-3303 Jan 23 j 02:46	0°♑	
max. Earth dist.	-3303 Jan 26 j 14:40	6°♑36'48	1.35724 AU
superior conj	-3303 Jan 31 j 20:20	16°♑58'06	-1°-30'-12
minimum elong	-3303 Jan 31 j 23:36	17°♑14'37	1°29'55
	-3303 Feb 07 j 04:49	0°♒	
evening rise	-3303 Feb 08 j 18:09	3°♒11'26	
asc. node	-3303 Feb 11 j 02:02	7°♒53'33	
	-3303 Feb 24 j 14:02	0°♓	
evening max el	-3303 Feb 26 j 22:35	2°♓29'07	20°14'57
retrograde	-3303 Mar 09 j 10:23	7°♓28'44	
evening set	-3303 Mar 11 j 16:59	7°♓15'39	
inferior conj	-3303 Mar 20 j 14:10	3°♓16'42	1°13'45
minimum elong	-3303 Mar 20 j 17:19	3°♓12'01	1°12'39
min. Earth dist.	-3303 Mar 22 j 09:11	2°♓12'44	0.55515 AU
desc. node	-3303 Mar 25 j 01:51	0°♓42'43	
	-3303 Mar 26 j 13:14	30°℞♒	
morning rise	-3303 Mar 29 j 15:12	28°♒53'01	
direct	-3303 Apr 02 j 08:55	28°♒22'31	
	-3303 Apr 08 j 23:15	0°♓	
morning max el	-3303 Apr 15 j 23:50	5°♓05'16	23°34'52
	-3303 May 03 j 09:51	0°♈	
morning set	-3303 May 09 j 16:08	12°♈29'10	
asc. node	-3303 May 10 j 01:32	13°♈18'31	
superior conj	-3303 May 16 j 19:29	27°♈45'21	1°05'10
minimum elong	-3303 May 16 j 17:02	27°♈32'15	1°04'49
	-3303 May 17 j 20:40	0°♉	
max. Earth dist.	-3303 May 18 j 23:22	2°♉21'52	1.33637 AU
evening rise	-3303 May 24 j 09:22	13°♉31'59	
	-3303 Jun 02 j 03:53	0°♊	
desc. node	-3303 Jun 21 j 00:45	28°♊03'20	
	-3303 Jun 22 j 16:37	0°♋	
evening max el	-3303 Jun 27 j 01:44	4°♋36'41	27°23'49
retrograde	-3303 Jul 10 j 16:20	12°♋00'07	
evening set	-3303 Jul 17 j 19:38	9°♋17'59	
min. Earth dist.	-3303 Jul 21 j 11:01	6°♋00'40	0.63898 AU
inferior conj	-3303 Jul 23 j 23:17	3°♋22'44	-3°-39'-12
minimum elong	-3303 Jul 24 j 03:11	3°♋12'30	3°38'13
	-3303 Jul 27 j 10:50	30°℞♊	
morning rise	-3303 Jul 30 j 12:35	28°♊00'32	
direct	-3303 Aug 02 j 03:31	27°♊26'04	
asc. node	-3303 Aug 06 j 00:51	28°♊41'45	
	-3303 Aug 07 j 18:01	0°♋	
morning max el	-3303 Aug 08 j 16:07	0°♋51'52	17°59'29
morning set	-3303 Aug 25 j 19:40	27°♋13'26	
	-3303 Aug 27 j 10:24	0°♌	
superior conj	-3303 Sep 07 j 13:53	18°♌43'19	0°58'06
minimum elong	-3303 Sep 07 j 19:23	19°♌05'49	0°57'32
max. Earth dist.	-3303 Sep 13 j 02:35	27°♌39'39	1.44064 AU
	-3303 Sep 14 j 13:50	0°♍	
desc. node	-3303 Sep 17 j 00:12	3°♍50'50	
evening rise	-3303 Sep 23 j 19:09	14°♍25'51	
	-3303 Oct 04 j 00:22	0°♎	
greatest brilliancy	-3303 Oct 15 j 02:36	15°♎59'54	-0.5m
evening max el	-3303 Oct 21 j 10:15	23°♎38'47	20°27'42
retrograde	-3303 Oct 29 j 09:47	28°♎21'06	
asc. node	-3303 Nov 01 j 23:53	27°♎06'45	
evening set	-3303 Nov 02 j 02:58	27°♎01'19	
inferior conj	-3303 Nov 07 j 14:38	20°♎52'30	1°50'37
minimum elong	-3303 Nov 07 j 12:18	21°♎00'23	1°49'43
min. Earth dist.	-3303 Nov 08 j 06:59	19°♎57'14	0.66889 AU
morning rise	-3303 Nov 12 j 21:08	14°♎35'55	
direct	-3303 Nov 18 j 10:05	12°♎11'47	
morning max el	-3303 Nov 29 j 19:18	18°♎58'52	24°37'28
	-3303 Dec 09 j 03:49	0°♏	
desc. node	-3303 Dec 13 j 23:53	6°♏34'19	
	-3303 Dec 29 j 08:03	0°♐	
morning set	-3302 Jan 04 j 18:30	10°♐56'35	
max. Earth dist.	-3302 Jan 08 j 13:07	17°♐41'54	1.37565 AU
superior conj	-3302 Jan 15 j 05:45	0°♑18'01	-1°-46'-35
minimum elong	-3302 Jan 15 j 08:31	0°♑31'23	1°46'32
	-3302 Jan 15 j 02:02	0°♑	
evening rise	-3302 Jan 23 j 19:15	17°♑15'46	
asc. node	-3302 Jan 28 j 23:04	27°♑15'50	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3302 Jan 30 j 11:01	0°♒	
evening max el	-3302 Feb 09 j 15:46	14°♒26'56	19°13'48
retrograde	-3302 Feb 18 j 13:00	18°♒41'23	
evening set	-3302 Feb 20 j 20:45	18°♒25'15	
inferior conj	-3302 Mar 01 j 01:22	14°♒14'35	2°45'09
minimum elong	-3302 Mar 01 j 06:16	14°♒06'16	2°43'50
min. Earth dist.	-3302 Mar 04 j 00:24	12°♒15'06	0.56746 AU
morning rise	-3302 Mar 09 j 11:55	9°♒20'05	
desc. node	-3302 Mar 11 j 22:58	8°♒37'56	
direct	-3302 Mar 14 j 10:22	8°♒23'30	
morning max el	-3302 Mar 28 j 14:47	15°♒39'29	25°12'12
	-3302 Apr 09 j 02:52	0°♓	
morning set	-3302 Apr 24 j 04:19	27°♓31'07	
	-3302 Apr 25 j 08:29	0°♈	
asc. node	-3302 Apr 26 j 22:34	3°♈24'00	
superior conj	-3302 May 01 j 05:27	12°♈42'55	0°43'30
minimum elong	-3302 May 01 j 03:39	12°♈33'07	0°43'10
max. Earth dist.	-3302 May 02 j 07:53	15°♈06'33	1.32932 AU
evening rise	-3302 May 08 j 10:59	28°♈05'11	
	-3302 May 09 j 09:32	0°♉	
	-3302 May 26 j 10:38	0°♊	
desc. node	-3302 Jun 07 j 21:49	15°♊49'32	
evening max el	-3302 Jun 09 j 09:33	17°♊18'01	27°17'12
retrograde	-3302 Jun 23 j 06:46	24°♊40'31	
evening set	-3302 Jun 30 j 08:45	22°♊17'16	
min. Earth dist.	-3302 Jul 03 j 23:04	19°♊25'53	0.62117 AU
inferior conj	-3302 Jul 07 j 00:00	16°♊35'54	-4°-10'-9
minimum elong	-3302 Jul 07 j 02:53	16°♊29'07	4°09'41
morning rise	-3302 Jul 13 j 23:37	11°♊33'39	
direct	-3302 Jul 16 j 11:57	11°♊05'48	
morning max el	-3302 Jul 23 j 06:40	14°♊31'02	17°56'59
asc. node	-3302 Jul 23 j 21:57	15°♊09'49	
	-3302 Aug 02 j 22:34	0°♋	
morning set	-3302 Aug 08 j 10:31	9°♋49'31	
superior conj	-3302 Aug 19 j 10:10	29°♋17'03	1°28'23
minimum elong	-3302 Aug 19 j 15:03	29°♋38'00	1°28'02
	-3302 Aug 19 j 20:11	0°♌	
max. Earth dist.	-3302 Aug 26 j 14:39	11°♌20'04	1.42735 AU
evening rise	-3302 Sep 03 j 01:16	23°♌15'23	
desc. node	-3302 Sep 03 j 21:10	24°♌33'16	
	-3302 Sep 07 j 09:36	0°♍	
	-3302 Sep 28 j 05:57	0°♎	
greatest brilliancy	-3302 Sep 29 j 08:36	1°♎24'18	-0.4m
evening max el	-3302 Oct 04 j 07:31	7°♎05'02	21°38'47
retrograde	-3302 Oct 13 j 06:15	12°♎23'56	
evening set	-3302 Oct 17 j 10:56	10°♎46'42	
asc. node	-3302 Oct 19 j 20:59	8°♎23'24	
inferior conj	-3302 Oct 22 j 20:17	4°♎30'19	1°00'29
minimum elong	-3302 Oct 22 j 18:56	4°♎35'01	0°59'54
min. Earth dist.	-3302 Oct 23 j 01:47	4°♎11'24	0.67330 AU
	-3302 Oct 26 j 07:46	30°℞♍	
morning rise	-3302 Oct 28 j 02:37	28°♍13'21	
direct	-3302 Nov 02 j 00:16	26°♍10'11	
	-3302 Nov 09 j 19:31	0°♎	
morning max el	-3302 Nov 12 j 04:50	2°♎15'05	23°10'57
greatest brilliancy	-3302 Nov 17 j 07:43	8°♎00'56	-0.3m
desc. node	-3302 Nov 30 j 20:53	26°♎28'51	
	-3302 Dec 03 j 05:50	0°♏	
morning set	-3302 Dec 16 j 20:01	21°♏28'13	
max. Earth dist.	-3302 Dec 21 j 08:29	29°♏08'35	1.39635 AU
	-3302 Dec 21 j 20:20	0°♐	
superior conj	-3302 Dec 29 j 00:25	12°♐50'47	-1°-55'-26
minimum elong	-3302 Dec 29 j 01:19	12°♐54'56	1°55'33
	-3301 Jan 07 j 01:35	0°♑	
evening rise	-3301 Jan 07 j 12:04	0°♑50'21	
asc. node	-3301 Jan 15 j 20:08	16°♑10'29	
evening max el	-3301 Jan 23 j 18:03	26°♑57'30	18°32'27
	-3301 Jan 28 j 02:29	0°♒	
retrograde	-3301 Jan 31 j 09:40	0°♒41'35	
evening set	-3301 Feb 02 j 20:47	0°♒19'41	
	-3301 Feb 03 j 19:48	30°℞♑	
inferior conj	-3301 Feb 10 j 08:41	25°♑49'23	3°39'28
minimum elong	-3301 Feb 10 j 11:55	25°♑42'59	3°38'55
min. Earth dist.	-3301 Feb 13 j 18:10	23°♑10'13	0.58554 AU
morning rise	-3301 Feb 17 j 23:26	20°♑28'19	
direct	-3301 Feb 24 j 01:17	18°♑54'24	
desc. node	-3301 Feb 26 j 20:06	19°♑13'49	
morning max el	-3301 Mar 10 j 07:51	26°♑27'27	26°33'43
	-3301 Mar 13 j 16:36	0°♒	
	-3301 Apr 02 j 09:10	0°♓	
morning set	-3301 Apr 08 j 15:20	12°♓29'05	
asc. node	-3301 Apr 13 j 19:36	23°♓35'32	
superior conj	-3301 Apr 15 j 17:02	27°♓44'09	0°19'45
minimum elong	-3301 Apr 15 j 16:10	27°♓39'24	0°19'33
max. Earth dist.	-3301 Apr 15 j 20:33	28°♓03'23	1.32578 AU
	-3301 Apr 16 j 17:51	0°♈	
evening rise	-3301 Apr 22 j 18:05	12°♈54'03	
	-3301 May 01 j 12:56	0°♉	
evening max el	-3301 May 22 j 12:15	29°♉20'05	26°37'42
	-3301 May 23 j 05:18	0°♊	
desc. node	-3301 May 25 j 18:55	2°♊10'50	
retrograde	-3301 Jun 05 j 13:24	6°♊38'47	
evening set	-3301 Jun 12 j 03:02	4°♊47'47	
min. Earth dist.	-3301 Jun 16 j 01:40	2°♊07'21	0.60107 AU
	-3301 Jun 18 j 16:29	30°℞♉	
inferior conj	-3301 Jun 19 j 10:06	29°♉23'43	-4°-23'-36
minimum elong	-3301 Jun 19 j 10:28	29°♉22'57	4°23'31
morning rise	-3301 Jun 26 j 21:15	24°♉43'17	
direct	-3301 Jun 29 j 08:46	24°♉20'14	
morning max el	-3301 Jul 06 j 18:00	27°♉55'07	18°13'45
	-3301 Jul 08 j 16:46	0°♊	
asc. node	-3301 Jul 10 j 19:02	2°♊41'03	
morning set	-3301 Jul 22 j 17:04	23°♊12'03	
	-3301 Jul 26 j 07:41	0°♋	
superior conj	-3301 Aug 01 j 08:23	11°♋08'05	1°44'33
minimum elong	-3301 Aug 01 j 10:45	11°♋18'48	1°44'33
max. Earth dist.	-3301 Aug 08 j 21:24	24°♋22'10	1.40975 AU
	-3301 Aug 12 j 05:59	0°♌	
evening rise	-3301 Aug 14 j 00:10	2°♌53'12	
desc. node	-3301 Aug 21 j 18:09	15°♌09'26	
	-3301 Aug 31 j 18:24	0°♍	
greatest brilliancy	-3301 Sep 11 j 20:44	14°♍48'44	-0.3m
evening max el	-3301 Sep 16 j 23:14	20°♍31'44	22°57'33
retrograde	-3301 Sep 27 j 00:14	26°♍28'46	
evening set	-3301 Oct 01 j 18:27	24°♍32'19	
asc. node	-3301 Oct 06 j 18:06	18°♍42'31	
inferior conj	-3301 Oct 07 j 03:00	18°♍11'52	0°07'39
minimum elong	-3301 Oct 07 j 02:49	18°♍12'30	0°07'36
transit middle	-3301 Oct 07 j 02:49	18°♍12'30	0°07'36
transit begin	-3301 Oct 07 j 00:26	18°♍20'44	
transit end	-3301 Oct 07 j 05:13	18°♍04'15	
min. Earth dist.	-3301 Oct 06 j 22:11	18°♍28'27	0.67468 AU
morning rise	-3301 Oct 12 j 11:09	11°♍57'35	
direct	-3301 Oct 16 j 18:20	10°♍16'15	
morning max el	-3301 Oct 25 j 18:30	15°♍36'10	21°46'26
greatest brilliancy	-3301 Oct 30 j 17:08	21°♍14'57	-0.4m
	-3301 Nov 06 j 07:13	0°♎	
desc. node	-3301 Nov 17 j 17:51	16°♎42'41	
	-3301 Nov 26 j 07:33	0°♏	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3301 Nov 26 j 16:37	0°♏36'05	
max. Earth dist.	-3301 Dec 03 j 08:37	11°♏25'57	1.41654 AU
superior conj	-3301 Dec 10 j 22:51	24°♏21'57	-1°-53'-9
minimum elong	-3301 Dec 10 j 20:22	24°♏11'04	1°53'10
	-3301 Dec 14 j 03:22	0°♐	
evening rise	-3301 Dec 21 j 17:11	13°♐47'09	
	-3301 Dec 30 j 19:48	0°♑	
asc. node	-3300 Jan 02 j 17:11	4°♑28'18	
evening max el	-3300 Jan 07 j 02:37	9°♑52'13	18°11'11
retrograde	-3300 Jan 14 j 00:05	13°♑21'45	
evening set	-3300 Jan 16 j 14:14	12°♑52'52	
inferior conj	-3300 Jan 23 j 11:52	8°♑00'20	4°00'09
minimum elong	-3300 Jan 23 j 12:23	7°♑59'08	4°00'01
min. Earth dist.	-3300 Jan 26 j 17:19	5°♑04'53	0.60577 AU
morning rise	-3300 Jan 30 j 07:47	2°♑20'08	
direct	-3300 Feb 06 j 03:08	0°♑09'07	
desc. node	-3300 Feb 13 j 17:11	2°♑34'27	
morning max el	-3300 Feb 20 j 06:49	7°♑50'24	27°26'31
	-3300 Mar 08 j 03:38	0°♒	
morning set	-3300 Mar 22 j 23:24	27°♒16'47	
	-3300 Mar 24 j 06:45	0°♓	
max. Earth dist.	-3300 Mar 29 j 09:42	11°♓00'03	1.32566 AU
superior conj	-3300 Mar 30 j 04:35	12°♓43'13	0°-5'-16
minimum elong	-3300 Mar 30 j 04:49	12°♓44'31	0°05'16
behind sun begin	-3300 Mar 30 j 00:03	12°♓18'25	
behind sun end	-3300 Mar 30 j 09:35	13°♓10'36	
asc. node	-3300 Mar 30 j 16:37	13°♓49'03	
evening rise	-3300 Apr 06 j 04:27	27°♓50'49	
	-3300 Apr 07 j 05:10	0°♈	
	-3300 Apr 24 j 08:10	0°♉	
evening max el	-3300 May 03 j 08:36	10°♉40'06	25°28'39
desc. node	-3300 May 11 j 16:02	16°♉34'16	
retrograde	-3300 May 17 j 10:12	17°♉51'38	
evening set	-3300 May 22 j 23:31	16°♉39'01	
min. Earth dist.	-3300 May 27 j 20:50	13°♉52'41	0.58094 AU
inferior conj	-3300 May 31 j 02:04	11°♉36'55	-4°-10'-5
minimum elong	-3300 May 30 j 22:45	11°♉42'47	4°09'40
morning rise	-3300 Jun 08 j 01:57	7°♉18'18	
direct	-3300 Jun 10 j 13:37	6°♉59'01	
morning max el	-3300 Jun 18 j 23:14	10°♉55'56	18°50'40
asc. node	-3300 Jun 26 j 16:05	21°♉01'37	
	-3300 Jul 01 j 17:36	0°♊	
morning set	-3300 Jul 05 j 10:58	7°♊10'07	
superior conj	-3300 Jul 14 j 03:09	24°♊02'13	1°48'54
minimum elong	-3300 Jul 14 j 03:05	24°♊01'55	1°49'02
	-3300 Jul 17 j 07:27	0°♋	
max. Earth dist.	-3300 Jul 21 j 00:13	6°♋43'13	1.39020 AU
evening rise	-3300 Jul 25 j 00:43	13°♋45'10	
	-3300 Aug 03 j 23:26	0°♌	
desc. node	-3300 Aug 07 j 15:09	5°♌35'25	
	-3300 Aug 25 j 17:25	0°♍	
evening max el	-3300 Aug 29 j 11:17	4°♍01'03	24°17'54
retrograde	-3300 Sep 09 j 14:41	10°♍33'17	
evening set	-3300 Sep 14 j 23:47	8°♍17'21	
min. Earth dist.	-3300 Sep 19 j 17:51	2°♍47'38	0.67302 AU
inferior conj	-3300 Sep 20 j 09:05	1°♍56'20	0°-46'-10
minimum elong	-3300 Sep 20 j 10:10	1°♍52'39	0°45'40
	-3300 Sep 21 j 20:10	30°℞♌	
asc. node	-3300 Sep 22 j 15:12	29°♌00'15	
morning rise	-3300 Sep 25 j 20:48	25°♌47'45	
direct	-3300 Sep 29 j 15:08	24°♌26'43	
morning max el	-3300 Oct 07 j 15:03	29°♌06'30	20°30'36
	-3300 Oct 08 j 11:27	0°♍	
greatest brilliancy	-3300 Oct 14 j 00:06	6°♍45'37	-0.5m
	-3300 Oct 29 j 22:36	0°♎	
desc. node	-3300 Nov 03 j 14:48	7°♎10'30	
morning set	-3300 Nov 04 j 16:51	8°♎51'20	
max. Earth dist.	-3300 Nov 14 j 16:30	24°♎37'31	1.43331 AU
	-3300 Nov 17 j 23:56	0°♏	
superior conj	-3300 Nov 20 j 19:39	4°♏39'01	-1°-35'-48
minimum elong	-3300 Nov 20 j 13:24	4°♏13'06	1°35'22
evening rise	-3300 Dec 03 j 06:37	25°♏58'25	
	-3300 Dec 05 j 13:44	0°♐	
asc. node	-3300 Dec 19 j 14:15	21°♐58'19	
evening max el	-3300 Dec 20 j 14:32	23°♐03'03	18°09'29
retrograde	-3300 Dec 27 j 04:07	26°♐31'24	
evening set	-3300 Dec 29 j 21:24	25°♐54'41	
inferior conj	-3299 Jan 05 j 07:38	20°♐40'43	3°55'40
minimum elong	-3299 Jan 05 j 05:59	20°♐44'59	3°55'24
min. Earth dist.	-3299 Jan 08 j 01:05	17°♐51'42	0.62518 AU
morning rise	-3299 Jan 11 j 12:37	14°♐46'55	
direct	-3299 Jan 18 j 13:50	12°♐09'05	
desc. node	-3299 Jan 30 j 14:15	18°♐07'25	
morning max el	-3299 Feb 01 j 11:52	19°♐54'30	27°43'35
	-3299 Feb 10 j 04:30	0°♑	
	-3299 Mar 01 j 00:50	0°♒	
morning set	-3299 Mar 07 j 02:17	11°♒45'59	
max. Earth dist.	-3299 Mar 12 j 19:15	23°♒41'19	1.32912 AU
superior conj	-3299 Mar 14 j 14:21	27°♒33'26	0°-30'-40
minimum elong	-3299 Mar 14 j 15:44	27°♒40'57	0°30'27
	-3299 Mar 15 j 17:24	0°♓	
asc. node	-3299 Mar 17 j 13:37	3°♓59'52	
evening rise	-3299 Mar 21 j 16:05	12°♓47'37	
	-3299 Mar 30 j 11:09	0°♈	
evening max el	-3299 Apr 15 j 00:25	21°♈28'01	23°59'54
retrograde	-3299 Apr 28 j 19:14	28°♈22'43	
desc. node	-3299 Apr 28 j 13:09	28°♈22'34	
evening set	-3299 May 03 j 00:17	27°♈43'21	
min. Earth dist.	-3299 May 09 j 11:50	24°♈36'41	0.56391 AU
inferior conj	-3299 May 11 j 21:47	23°♈07'22	-3°-19'-8
minimum elong	-3299 May 11 j 15:44	23°♈16'44	3°17'42
morning rise	-3299 May 20 j 11:04	19°♈06'01	
direct	-3299 May 22 j 23:20	18°♈49'34	
morning max el	-3299 Jun 01 j 19:40	23°♈23'24	19°48'08
	-3299 Jun 07 j 10:19	0°♉	
asc. node	-3299 Jun 13 j 13:07	9°♉59'02	
morning set	-3299 Jun 19 j 12:48	21°♉33'52	
	-3299 Jun 23 j 16:44	0°♊	
superior conj	-3299 Jun 27 j 12:49	7°♊42'41	1°44'13
minimum elong	-3299 Jun 27 j 11:06	7°♊34'11	1°44'14
max. Earth dist.	-3299 Jul 03 j 03:16	18°♊33'52	1.37120 AU
evening rise	-3299 Jul 07 j 01:42	25°♊49'03	
	-3299 Jul 09 j 10:08	0°♋	
desc. node	-3299 Jul 25 j 12:11	25°♋45'00	
	-3299 Jul 28 j 11:52	0°♌	
evening max el	-3299 Aug 11 j 22:00	17°♌32'39	25°32'43
retrograde	-3299 Aug 24 j 00:56	24°♌32'19	
evening set	-3299 Aug 30 j 01:04	21°♌59'21	
min. Earth dist.	-3299 Sep 03 j 10:21	17°♌06'20	0.66808 AU
inferior conj	-3299 Sep 04 j 12:43	15°♌41'11	-1°-39'-24
minimum elong	-3299 Sep 04 j 15:04	15°♌33'38	1°38'25
asc. node	-3299 Sep 09 j 12:16	10°♌12'06	
morning rise	-3299 Sep 10 j 05:40	9°♌41'24	
direct	-3299 Sep 13 j 13:16	8°♌37'43	
morning max el	-3299 Sep 20 j 18:56	12°♌45'52	19°27'43
greatest brilliancy	-3299 Sep 30 j 02:07	24°♌48'54	-0.7m
	-3299 Oct 03 j 13:30	0°♍	
morning set	-3299 Oct 14 j 18:40	17°♍18'51	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3299 Oct 21 j 11:47	27°♍47'50		
	-3299 Oct 22 j 21:30	0°♎		
max. Earth dist.	-3299 Oct 28 j 06:35	8°♎28'26	1.44442 AU	
superior conj	-3299 Oct 31 j 13:26	13°♎41'49	-1°-1'-23	
minimum elong	-3299 Oct 31 j 06:37	13°♎14'37	1°00'39	
	-3299 Nov 10 j 14:47	0°♏		
evening rise	-3299 Nov 14 j 23:48	7°♏15'13		
	-3299 Nov 29 j 01:09	0°♐		
evening max el	-3299 Dec 04 j 03:04	6°♐23'50	18°26'33	
asc. node	-3299 Dec 06 j 11:18	8°♐26'59		
retrograde	-3299 Dec 10 j 17:14	10°♐01'43		
evening set	-3299 Dec 13 j 14:44	9°♐15'50		
inferior conj	-3299 Dec 19 j 16:07	3°♐42'47	3°33'43	
minimum elong	-3299 Dec 19 j 13:18	3°♐50'53	3°33'05	
min. Earth dist.	-3299 Dec 21 j 18:56	1°♐16'48	0.64196 AU	
	-3299 Dec 22 j 23:04	30°℞♏		
morning rise	-3299 Dec 25 j 10:29	27°♏39'12		
direct	-3298 Jan 01 j 08:10	24°♏49'11		
	-3298 Jan 12 j 02:36	0°♐		
morning max el	-3298 Jan 14 j 20:40	2°♐33'03	27°24'56	
desc. node	-3298 Jan 17 j 11:17	5°♐17'00		
	-3298 Feb 04 j 10:47	0°♑		
morning set	-3298 Feb 18 j 21:21	25°♑47'40		
	-3298 Feb 21 j 00:03	0°♒		
max. Earth dist.	-3298 Feb 23 j 21:13	5°♒53'55	1.33656 AU	
superior conj	-3298 Feb 26 j 20:34	12°♒08'45	0°-55'-29	
minimum elong	-3298 Feb 26 j 23:00	12°♒21'37	0°55'08	
asc. node	-3298 Mar 04 j 10:38	24°♒03'51		
evening rise	-3298 Mar 06 j 03:16	27°♒38'06		
	-3298 Mar 07 j 06:32	0°♓		
	-3298 Mar 25 j 14:52	0°♈		
evening max el	-3298 Mar 27 j 17:37	2°♈10'22	22°25'33	
retrograde	-3298 Apr 09 j 16:11	8°♈29'50		
evening set	-3298 Apr 12 j 16:13	8°♈10'01		
desc. node	-3298 Apr 15 j 10:13	7°♈19'52		
min. Earth dist.	-3298 Apr 21 j 01:50	4°♈30'50	0.55341 AU	
inferior conj	-3298 Apr 22 j 00:08	3°♈59'07	-1°-47'-34	
minimum elong	-3298 Apr 21 j 19:26	4°♈05'48	1°46'03	
morning rise	-3298 May 01 j 00:42	0°♈02'33		
	-3298 May 01 j 06:02	30°℞♓		
direct	-3298 May 03 j 16:33	29°♓46'20		
	-3298 May 06 j 01:50	0°♈		
morning max el	-3298 May 15 j 05:26	5°♈10'29	21°05'07	
asc. node	-3298 May 31 j 10:08	29°♈24'21		
	-3298 May 31 j 17:23	0°♉		
morning set	-3298 Jun 03 j 20:00	6°♉16'17		
superior conj	-3298 Jun 11 j 09:03	21°♉56'42	1°32'47	
minimum elong	-3298 Jun 11 j 06:32	21°♉43'44	1°32'36	
	-3298 Jun 15 j 08:25	0°♊		
max. Earth dist.	-3298 Jun 15 j 12:50	0°♊21'55	1.35483 AU	
evening rise	-3298 Jun 19 j 22:15	8°♊52'33		
	-3298 Jul 02 j 00:26	0°♋		
desc. node	-3298 Jul 12 j 09:14	15°♋30'43		
	-3298 Jul 24 j 07:34	0°♌		
evening max el	-3298 Jul 25 j 09:07	1°♌03'27	26°33'56	
retrograde	-3298 Aug 07 j 06:21	8°♌19'35		
evening set	-3298 Aug 13 j 20:05	5°♌35'21		
min. Earth dist.	-3298 Aug 17 j 21:21	1°♌20'41	0.65966 AU	
	-3298 Aug 19 j 00:02	30°℞♋		
inferior conj	-3298 Aug 19 j 12:02	29°♋23'32	-2°-30'-13	
minimum elong	-3298 Aug 19 j 15:24	29°♋13'19	2°28'58	
morning rise	-3298 Aug 25 j 11:43	23°♋35'36		
asc. node	-3298 Aug 27 j 09:21	22°♋52'13		
direct	-3298 Aug 28 j 10:57	22°♋45'47		
morning max el	-3298 Sep 04 j 04:50	26°♋31'03	18°40'06	
	-3298 Sep 07 j 05:11	0°♌		
morning set	-3298 Sep 24 j 18:06	26°♌52'10		
	-3298 Sep 26 j 16:59	0°♍		
desc. node	-3298 Oct 08 j 08:44	18°♍30'32		
superior conj	-3298 Oct 10 j 14:08	22°♍00'54	0°-14'-9	
minimum elong	-3298 Oct 10 j 12:16	21°♍53'31	0°13'54	
behind sun begin	-3298 Oct 10 j 06:13	21°♍29'42		
behind sun end	-3298 Oct 10 j 18:19	22°♍17'21		
max. Earth dist.	-3298 Oct 10 j 23:58	22°♍39'37	1.44864 AU	
	-3298 Oct 15 j 15:49	0°♎		
evening rise	-3298 Oct 26 j 16:46	17°♎29'13		
	-3298 Nov 03 j 13:18	0°♏		
evening max el	-3298 Nov 17 j 13:41	19°♏49'18	19°01'18	
asc. node	-3298 Nov 23 j 08:22	23°♏38'29		
retrograde	-3298 Nov 24 j 11:40	23°♏45'45		
evening set	-3298 Nov 27 j 15:10	22°♏48'40		
inferior conj	-3298 Dec 03 j 09:49	16°♏59'22	2°59'46	
minimum elong	-3298 Dec 03 j 06:43	17°♏09'03	2°58'51	
min. Earth dist.	-3298 Dec 04 j 22:10	15°♏06'06	0.65529 AU	
morning rise	-3298 Dec 08 j 21:17	10°♏48'53		
direct	-3298 Dec 15 j 08:58	8°♏00'59		
morning max el	-3298 Dec 28 j 06:17	15°♏32'46	26°35'50	
desc. node	-3297 Jan 04 j 08:18	23°♏34'31		
	-3297 Jan 09 j 05:37	0°♐		
	-3297 Jan 28 j 05:17	0°♑		
morning set	-3297 Feb 02 j 04:57	9°♑09'37		
max. Earth dist.	-3297 Feb 06 j 12:02	17°♑29'38	1.34841 AU	
superior conj	-3297 Feb 10 j 21:02	26°♑21'39	-1°-18'-27	
minimum elong	-3297 Feb 11 j 00:10	26°♑37'48	1°18'06	
	-3297 Feb 12 j 15:09	0°♒		
evening rise	-3297 Feb 18 j 12:08	12°♒15'32		
asc. node	-3297 Feb 19 j 07:39	13°♒55'52		
	-3297 Feb 27 j 19:31	0°♓		
evening max el	-3297 Mar 09 j 18:23	13°♓13'23	20°58'25	
retrograde	-3297 Mar 21 j 05:37	18°♓42'17		
evening set	-3297 Mar 23 j 14:39	18°♓29'03		
inferior conj	-3297 Apr 01 j 19:10	14°♓31'17	0°08'27	
minimum elong	-3297 Apr 01 j 19:34	14°♓30'43	0°08'17	
transit middle	-3297 Apr 01 j 19:34	14°♓30'43	0°08'17	
transit begin	-3297 Apr 01 j 16:05	14°♓35'41		
transit end	-3297 Apr 01 j 23:03	14°♓25'45		
desc. node	-3297 Apr 02 j 07:18	14°♓14'00		
min. Earth dist.	-3297 Apr 02 j 15:57	14°♓01'42	0.55184 AU	
morning rise	-3297 Apr 10 j 23:25	10°♓21'53		
direct	-3297 Apr 14 j 04:22	9°♓59'28		
morning max el	-3297 Apr 27 j 04:40	16°♓16'35	22°37'43	
	-3297 May 07 j 22:46	0°♈		
asc. node	-3297 May 18 j 07:10	19°♈10'14		
morning set	-3297 May 19 j 06:34	21°♈11'30		
	-3297 May 23 j 10:28	0°♉		
superior conj	-3297 May 26 j 12:32	6°♉34'12	1°16'21	
minimum elong	-3297 May 26 j 09:54	6°♉20'17	1°16'02	
max. Earth dist.	-3297 May 29 j 08:28	12°♉30'40	1.34204 AU	
evening rise	-3297 Jun 03 j 09:17	22°♉41'14		
	-3297 Jun 07 j 05:06	0°♊		
	-3297 Jun 25 j 17:14	0°♋		
desc. node	-3297 Jun 29 j 06:15	4°♋42'35		
evening max el	-3297 Jul 07 j 20:38	14°♋25'42	27°13'37	
retrograde	-3297 Jul 21 j 06:21	21°♋48'03		
evening set	-3297 Jul 28 j 06:15	19°♋01'59		
min. Earth dist.	-3297 Aug 01 j 00:41	15°♋24'49	0.64755 AU	
inferior conj	-3297 Aug 03 j 04:48	12°♋59'50	-3°-16'-12	
minimum elong	-3297 Aug 03 j 08:44	12°♋48'53	3°15'02	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-3297 Aug 09 j 12:42	7°♋27'04	
direct	-3297 Aug 12 j 06:02	6°♋47'44	
asc. node	-3297 Aug 14 j 06:26	7°♋09'15	
morning max el	-3297 Aug 18 j 18:35	10°♋18'20	18°09'15
	-3297 Sep 01 j 05:57	0°♌	
morning set	-3297 Sep 05 j 21:18	7°♌46'21	
	-3297 Sep 19 j 10:00	0°♍	
superior conj	-3297 Sep 19 j 19:26	0°♍37'52	0°34'19
minimum elong	-3297 Sep 19 j 23:24	0°♍53'47	0°33'51
max. Earth dist.	-3297 Sep 23 j 17:55	6°♍54'16	1.44558 AU
desc. node	-3297 Sep 25 j 05:43	9°♍15'47	
evening rise	-3297 Oct 06 j 10:20	26°♍44'45	
	-3297 Oct 08 j 12:47	0°♎	
greatest brilliancy	-3297 Oct 24 j 06:06	23°♎42'39	-0.6m
	-3297 Oct 28 j 23:12	0°♏	
evening max el	-3297 Oct 31 j 20:15	3°♏16'38	19°52'05
retrograde	-3297 Nov 08 j 08:35	7°♏39'44	
asc. node	-3297 Nov 10 j 05:26	7°♏19'31	
evening set	-3297 Nov 11 j 20:12	6°♏28'54	
inferior conj	-3297 Nov 17 j 09:57	0°♏26'23	2°17'37
minimum elong	-3297 Nov 17 j 07:12	0°♏35'28	2°16'37
	-3297 Nov 17 j 17:56	30°℞♎	
min. Earth dist.	-3297 Nov 18 j 09:10	29°♎09'46	0.66499 AU
morning rise	-3297 Nov 22 j 17:33	24°♎11'31	
direct	-3297 Nov 28 j 15:25	21°♎36'39	
morning max el	-3297 Dec 10 j 15:09	28°♎42'58	25°24'37
	-3297 Dec 11 j 21:00	0°♏	
desc. node	-3297 Dec 22 j 05:21	12°♏40'14	
	-3296 Jan 03 j 00:40	0°♐	
morning set	-3296 Jan 15 j 20:16	21°♐37'52	
max. Earth dist.	-3296 Jan 19 j 15:28	28°♐38'39	1.36472 AU
	-3296 Jan 20 j 08:42	0°♑	
superior conj	-3296 Jan 25 j 12:59	10°♑04'06	-1°-37'-52
minimum elong	-3296 Jan 25 j 16:10	10°♑19'56	1°37'41
evening rise	-3296 Feb 02 j 16:46	26°♑34'05	
	-3296 Feb 04 j 09:48	0°♒	
asc. node	-3296 Feb 06 j 04:40	3°♒30'50	
evening max el	-3296 Feb 20 j 05:36	24°♒50'43	19°46'31
retrograde	-3296 Feb 29 j 23:51	29°♒29'03	
evening set	-3296 Mar 03 j 06:38	29°♒14'59	
inferior conj	-3296 Mar 11 j 21:06	25°♒12'34	1°56'44
minimum elong	-3296 Mar 12 j 01:31	25°♒05'40	1°55'20
min. Earth dist.	-3296 Mar 14 j 06:13	23°♒43'45	0.55956 AU
desc. node	-3296 Mar 19 j 04:25	21°♒09'05	
morning rise	-3296 Mar 20 j 17:10	20°♒36'14	
direct	-3296 Mar 24 j 22:51	19°♒56'17	
morning max el	-3296 Apr 07 j 20:48	26°♒54'50	24°17'12
	-3296 Apr 10 j 20:09	0°♓	
	-3296 Apr 29 j 18:04	0°♈	
morning set	-3296 May 02 j 18:39	6°♈12'57	
asc. node	-3296 May 04 j 04:11	9°♈10'12	
superior conj	-3296 May 09 j 20:43	21°♈26'31	0°56'17
minimum elong	-3296 May 09 j 18:30	21°♈14'33	0°55'55
max. Earth dist.	-3296 May 11 j 13:19	25°♈04'59	1.33297 AU
	-3296 May 13 j 20:53	0°♉	
evening rise	-3296 May 17 j 06:33	7°♉01'28	
	-3296 May 29 j 17:51	0°♊	
desc. node	-3296 Jun 15 j 03:20	23°♊05'43	
evening max el	-3296 Jun 19 j 06:39	27°♊26'00	27°25'05
	-3296 Jun 22 j 04:14	0°♋	
retrograde	-3296 Jul 03 j 00:12	4°♋48'31	
evening set	-3296 Jul 10 j 04:09	2°♋12'57	
	-3296 Jul 12 j 20:27	30°℞♊	
min. Earth dist.	-3296 Jul 13 j 18:25	29°♊08'03	0.63178 AU
inferior conj	-3296 Jul 16 j 12:18	26°♊23'30	-3°-54'-1
minimum elong	-3296 Jul 16 j 15:56	26°♊14'23	3°53'14
morning rise	-3296 Jul 23 j 05:48	21°♊09'13	
direct	-3296 Jul 25 j 19:29	20°♊37'41	
asc. node	-3296 Jul 31 j 03:31	22°♊53'37	
morning max el	-3296 Aug 01 j 09:36	24°♊01'58	17°56'09
	-3296 Aug 06 j 04:46	0°♋	
morning set	-3296 Aug 18 j 00:43	19°♋49'32	
	-3296 Aug 23 j 20:41	0°♌	
superior conj	-3296 Aug 29 j 23:34	10°♌23'13	1°12'45
minimum elong	-3296 Aug 30 j 05:13	10°♌46'46	1°12'13
max. Earth dist.	-3296 Sep 05 j 09:26	20°♌54'00	1.43569 AU
desc. node	-3296 Sep 11 j 02:42	29°♌59'58	
	-3296 Sep 11 j 02:42	0°♍	
evening rise	-3296 Sep 14 j 15:07	5°♍29'12	
	-3296 Sep 30 j 22:57	0°♎	
greatest brilliancy	-3296 Oct 08 j 06:34	10°♎06'22	-0.5m
evening max el	-3296 Oct 13 j 21:06	16°♎43'07	20°56'42
retrograde	-3296 Oct 22 j 05:44	21°♎40'00	
evening set	-3296 Oct 26 j 03:40	20°♎12'52	
asc. node	-3296 Oct 27 j 02:32	19°♎25'07	
inferior conj	-3296 Oct 31 j 14:09	14°♎00'27	1°29'48
minimum elong	-3296 Oct 31 j 12:12	14°♎07'08	1°29'00
min. Earth dist.	-3296 Nov 01 j 01:43	13°♎20'59	0.67119 AU
morning rise	-3296 Nov 05 j 20:21	7°♎43'38	
direct	-3296 Nov 11 j 02:47	5°♎28'16	
morning max el	-3296 Nov 21 j 23:53	11°♎57'32	24°01'01
	-3296 Dec 06 j 11:02	0°♏	
desc. node	-3296 Dec 08 j 02:22	2°♏19'47	
	-3296 Dec 25 j 19:56	0°♐	
morning set	-3296 Dec 27 j 13:21	2°♐56'22	
max. Earth dist.	-3296 Dec 31 j 12:07	9°♐50'48	1.38435 AU
superior conj	-3295 Jan 07 j 16:46	23°♐06'01	-1°-51'-27
minimum elong	-3295 Jan 07 j 18:56	23°♐16'17	1°51'29
	-3295 Jan 11 j 06:48	0°♑	
evening rise	-3295 Jan 16 j 14:45	10°♑27'20	
asc. node	-3295 Jan 23 j 01:42	22°♑42'44	
	-3295 Jan 27 j 11:02	0°♒	
evening max el	-3295 Feb 02 j 02:58	7°♒03'44	18°53'42
retrograde	-3295 Feb 10 j 10:11	11°♒03'31	
evening set	-3295 Feb 12 j 19:24	10°♒45'05	
inferior conj	-3295 Feb 20 j 16:39	6°♒26'14	3°12'45
minimum elong	-3295 Feb 20 j 21:08	6°♒18'08	3°11'44
min. Earth dist.	-3295 Feb 23 j 22:00	4°♒07'42	0.57466 AU
morning rise	-3295 Feb 28 j 19:03	1°♒19'43	
direct	-3295 Mar 06 j 05:50	0°♒08'27	
desc. node	-3295 Mar 06 j 01:32	0°♒08'31	
morning max el	-3295 Mar 20 j 12:08	7°♒32'30	25°49'45
	-3295 Apr 06 j 03:43	0°♓	
morning set	-3295 Apr 17 j 06:37	21°♓14'54	
asc. node	-3295 Apr 21 j 01:13	29°♓19'19	
	-3295 Apr 21 j 08:43	0°♈	
superior conj	-3295 Apr 24 j 07:38	6°♈26'58	0°33'38
minimum elong	-3295 Apr 24 j 06:12	6°♈19'08	0°33'21
max. Earth dist.	-3295 Apr 25 j 00:19	7°♈58'05	1.32743 AU
evening rise	-3295 May 01 j 10:51	21°♈42'58	
	-3295 May 05 j 13:56	0°♉	
	-3295 May 23 j 21:57	0°♊	
evening max el	-3295 Jun 01 j 12:30	9°♊51'36	27°04'15
desc. node	-3295 Jun 02 j 00:24	10°♊19'37	
retrograde	-3295 Jun 15 j 11:16	17°♊12'23	
evening set	-3295 Jun 22 j 09:45	15°♊01'13	
min. Earth dist.	-3295 Jun 26 j 02:04	12°♊16'52	0.61288 AU
inferior conj	-3295 Jun 29 j 07:15	9°♊27'02	-4°-18'-28

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3295 Jun	29 j 09:16	9°♊22'34	4°18'13
morning rise	-3295 Jul	06 j 11:39	4°♊34'06	
direct	-3295 Jul	08 j 23:35	4°♊08'22	
morning max el	-3295 Jul	15 j 23:10	7°♊35'53	18°01'44
asc. node	-3295 Jul	18 j 00:37	9°♊50'29	
	-3295 Jul	30 j 10:31	0°♋	
morning set	-3295 Jul	31 j 22:49	2°♋46'45	
superior conj	-3295 Aug	11 j 07:27	21°♋31'24	1°36'51
minimum elong	-3295 Aug	11 j 11:20	21°♋48'29	1°36'41
	-3295 Aug	16 j 05:28	0°♌	
max. Earth dist.	-3295 Aug	18 j 19:32	4°♌20'15	1.42028 AU
evening rise	-3295 Aug	25 j 02:27	14°♌33'31	
desc. node	-3295 Aug	28 j 23:40	20°♌40'02	
	-3295 Sep	04 j 02:29	0°♍	
greatest brilliancy	-3295 Sep	21 j 21:58	24°♍47'21	-0.3m
evening max el	-3295 Sep	26 j 15:44	0°♎08'33	22°11'38
	-3295 Sep	26 j 12:22	0°♎	
retrograde	-3295 Oct	06 j 01:23	5°♎43'57	
evening set	-3295 Oct	10 j 11:40	3°♎58'26	
asc. node	-3295 Oct	13 j 23:39	0°♎11'29	
	-3295 Oct	14 j 03:11	30°℞♍	
inferior conj	-3295 Oct	15 j 20:28	27°♍39'39	0°38'18
minimum elong	-3295 Oct	15 j 19:35	27°♍42'42	0°37'55
min. Earth dist.	-3295 Oct	15 j 21:27	27°♍36'16	0.67423 AU
morning rise	-3295 Oct	21 j 03:21	21°♍23'34	
direct	-3295 Oct	25 j 18:35	19°♍30'01	
morning max el	-3295 Nov	04 j 10:56	25°♍15'45	22°34'22
	-3295 Nov	08 j 16:50	0°♎	
greatest brilliancy	-3295 Nov	09 j 03:30	0°♎32'16	-0.3m
desc. node	-3295 Nov	24 j 23:21	22°♎23'04	
	-3295 Nov	29 j 23:53	0°♏	
morning set	-3295 Dec	08 j 02:31	12°♏51'32	
max. Earth dist.	-3295 Dec	13 j 09:01	21°♏37'40	1.40511 AU
	-3295 Dec	18 j 05:08	0°♐	
superior conj	-3295 Dec	21 j 03:30	5°♐13'51	-1°-56'-4
minimum elong	-3295 Dec	21 j 03:08	5°♐12'12	1°56'11
evening rise	-3295 Dec	31 j 03:04	23°♐46'59	
	-3294 Jan	03 j 10:36	0°♑	
asc. node	-3294 Jan	09 j 22:46	11°♑23'03	
evening max el	-3294 Jan	16 j 08:12	19°♑45'17	18°20'58
retrograde	-3294 Jan	23 j 15:01	23°♑21'50	
evening set	-3294 Jan	26 j 03:16	22°♑57'14	
inferior conj	-3294 Feb	02 j 08:45	18°♑17'28	3°51'53
minimum elong	-3294 Feb	02 j 10:50	18°♑13'04	3°51'35
min. Earth dist.	-3294 Feb	05 j 17:50	15°♑28'19	0.59399 AU
morning rise	-3294 Feb	09 j 15:04	12°♑47'04	
direct	-3294 Feb	16 j 01:31	10°♑56'47	
desc. node	-3294 Feb	20 j 22:37	11°♑56'55	
morning max el	-3294 Mar	02 j 07:43	18°♑34'39	27°00'19
	-3294 Mar	11 j 22:42	0°♒	
	-3294 Mar	29 j 16:06	0°♓	
morning set	-3294 Apr	01 j 16:37	6°♓09'38	
asc. node	-3294 Apr	07 j 22:14	19°♓32'14	
superior conj	-3294 Apr	08 j 19:24	21°♓28'06	0°09'15
minimum elong	-3294 Apr	08 j 18:59	21°♓25'50	0°09'09
behind sun begin	-3294 Apr	08 j 14:53	21°♓03'22	
behind sun end	-3294 Apr	08 j 23:05	21°♓48'18	
max. Earth dist.	-3294 Apr	08 j 13:37	20°♓56'22	1.32530 AU
	-3294 Apr	12 j 17:16	0°♈	
evening rise	-3294 Apr	15 j 19:34	6°♈35'53	
	-3294 Apr	28 j 05:07	0°♉	
evening max el	-3294 May	14 j 12:13	21°♉34'21	26°11'21
desc. node	-3294 May	19 j 21:29	25°♉55'05	
retrograde	-3294 May	28 j 14:15	28°♉51'31	
evening set	-3294 Jun	03 j 18:58	27°♉16'23	
min. Earth dist.	-3294 Jun	08 j 01:03	24°♉35'33	0.59236 AU
inferior conj	-3294 Jun	11 j 09:57	22°♉00'47	-4°-21'-49
minimum elong	-3294 Jun	11 j 08:50	22°♉02'56	4°21'42
morning rise	-3294 Jun	19 j 02:28	17°♉30'13	
direct	-3294 Jun	21 j 13:52	17°♉08'59	
morning max el	-3294 Jun	29 j 08:19	20°♉51'29	18°26'58
asc. node	-3294 Jul	04 j 21:41	27°♉44'10	
	-3294 Jul	06 j 08:42	0°♊	
morning set	-3294 Jul	15 j 10:37	16°♊25'12	
	-3294 Jul	22 j 13:28	0°♋	
superior conj	-3294 Jul	24 j 15:08	3°♋51'27	1°47'40
minimum elong	-3294 Jul	24 j 16:24	3°♋57'16	1°47'46
max. Earth dist.	-3294 Jul	31 j 23:44	17°♋02'19	1.40148 AU
evening rise	-3294 Aug	05 j 11:50	24°♋41'21	
	-3294 Aug	08 j 17:30	0°♌	
desc. node	-3294 Aug	15 j 20:40	11°♌12'22	
	-3294 Aug	28 j 21:59	0°♍	
evening max el	-3294 Sep	09 j 05:25	13°♍35'33	23°31'57
retrograde	-3294 Sep	19 j 18:06	19°♍49'02	
evening set	-3294 Sep	24 j 18:27	17°♍44'14	
min. Earth dist.	-3294 Sep	29 j 17:54	11°♍54'22	0.67427 AU
inferior conj	-3294 Sep	30 j 03:06	11°♍22'51	0°-15'-8
minimum elong	-3294 Sep	30 j 03:28	11°♍21'38	0°14'58
transit middle	-3294 Sep	30 j 03:28	11°♍21'38	0°14'58
transit begin	-3294 Sep	30 j 02:22	11°♍25'21	
transit end	-3294 Sep	30 j 04:33	11°♍17'55	
asc. node	-3294 Sep	30 j 20:45	10°♍22'39	
morning rise	-3294 Oct	05 j 12:33	5°♍10'25	
direct	-3294 Oct	09 j 13:56	3°♍38'07	
morning max el	-3294 Oct	18 j 03:21	8°♍40'41	21°12'49
greatest brilliancy	-3294 Oct	23 j 13:51	15°♍00'10	-0.5m
	-3294 Nov	03 j 08:40	0°♎	
desc. node	-3294 Nov	11 j 20:19	12°♎43'25	
morning set	-3294 Nov	17 j 12:30	21°♎30'53	
	-3294 Nov	22 j 20:34	0°♏	
max. Earth dist.	-3294 Nov	25 j 11:51	4°♏16'54	1.42415 AU
superior conj	-3294 Dec	02 j 15:35	16°♏14'34	-1°-47'-51
minimum elong	-3294 Dec	02 j 11:23	15°♏56'40	1°47'42
	-3294 Dec	10 j 12:17	0°♐	
evening rise	-3294 Dec	14 j 02:03	6°♐25'18	
asc. node	-3294 Dec	27 j 19:49	29°♐22'06	
	-3294 Dec	28 j 07:32	0°♑	
evening max el	-3294 Dec	30 j 18:33	2°♑47'46	18°08'10
retrograde	-3293 Jan	06 j 11:37	6°♑15'17	
evening set	-3293 Jan	09 j 02:57	5°♑43'19	
inferior conj	-3293 Jan	15 j 19:27	0°♑41'49	4°00'48
minimum elong	-3293 Jan	15 j 18:56	0°♑43'04	4°00'40
	-3293 Jan	16 j 12:40	30°℞♐	
min. Earth dist.	-3293 Jan	18 j 20:35	27°♐46'14	0.61423 AU
morning rise	-3293 Jan	22 j 08:27	24°♐55'10	
direct	-3293 Jan	29 j 07:43	22°♐30'42	
desc. node	-3293 Feb	07 j 19:42	26°♐17'52	
	-3293 Feb	12 j 03:14	0°♑	
morning max el	-3293 Feb	12 j 09:24	0°♑15'03	27°38'11
	-3293 Mar	05 j 22:14	0°♒	
morning set	-3293 Mar	16 j 22:45	20°♒50'12	
	-3293 Mar	21 j 07:25	0°♓	
max. Earth dist.	-3293 Mar	23 j 01:29	3°♓46'56	1.32666 AU
superior conj	-3293 Mar	24 j 06:24	6°♓24'03	0°-16'-2
minimum elong	-3293 Mar	24 j 07:07	6°♓28'01	0°15'56
asc. node	-3293 Mar	25 j 19:14	9°♓44'53	
evening rise	-3293 Mar	31 j 06:40	21°♓33'04	
	-3293 Apr	04 j 09:48	0°♈	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3293 Apr 23 j 16:34	0°♉	
evening max el	-3293 Apr 26 j 06:09	2°♉38'17	24°52'29
desc. node	-3293 May 06 j 18:35	9°♉16'12	
retrograde	-3293 May 10 j 06:35	9°♉44'37	
evening set	-3293 May 15 j 06:16	8°♉47'44	
min. Earth dist.	-3293 May 20 j 18:19	5°♉53'55	0.57310 AU
inferior conj	-3293 May 23 j 17:20	3°♉56'02	-3°-53'-34
minimum elong	-3293 May 23 j 12:33	4°♉04'02	3°52'44
	-3293 May 31 j 01:38	30°℞♈	
morning rise	-3293 May 31 j 22:55	29°♈45'30	
direct	-3293 Jun 03 j 10:32	29°♈27'41	
	-3293 Jun 06 j 16:29	0°♉	
morning max el	-3293 Jun 12 j 10:05	3°♉38'59	19°12'34
asc. node	-3293 Jun 21 j 18:43	16°♉21'26	
morning set	-3293 Jun 29 j 08:12	0°♊34'39	
	-3293 Jun 29 j 01:12	0°♊	
superior conj	-3293 Jul 07 j 16:47	17°♊06'29	1°47'53
minimum elong	-3293 Jul 07 j 15:55	17°♊02'15	1°47'58
max. Earth dist.	-3293 Jul 14 j 01:33	29°♊06'03	1.38190 AU
	-3293 Jul 14 j 13:24	0°♋	
evening rise	-3293 Jul 17 j 23:15	6°♋05'01	
	-3293 Aug 01 j 17:03	0°♌	
desc. node	-3293 Aug 02 j 17:41	1°♌31'53	
evening max el	-3293 Aug 22 j 16:40	27°♌06'00	24°51'00
	-3293 Aug 25 j 21:32	0°♍	
retrograde	-3293 Sep 03 j 06:50	3°♍51'14	
evening set	-3293 Sep 08 j 22:15	1°♍27'53	
	-3293 Sep 10 j 10:27	30°℞♌	
min. Earth dist.	-3293 Sep 13 j 12:35	26°♌13'13	0.67129 AU
inferior conj	-3293 Sep 14 j 08:21	25°♌07'38	-1°-8'-57
minimum elong	-3293 Sep 14 j 09:59	25°♌02'13	1°08'13
asc. node	-3293 Sep 17 j 17:50	20°♌57'05	
morning rise	-3293 Sep 19 j 22:04	19°♌02'08	
direct	-3293 Sep 23 j 11:35	17°♌48'45	
morning max el	-3293 Oct 01 j 02:56	22°♌14'12	20°02'01
	-3293 Oct 07 j 12:17	0°♍	
greatest brilliancy	-3293 Oct 08 j 11:22	1°♍19'05	-0.6m
morning set	-3293 Oct 27 j 10:10	29°♍41'34	
	-3293 Oct 27 j 14:56	0°♎	
desc. node	-3293 Oct 29 j 17:16	3°♎15'23	
max. Earth dist.	-3293 Nov 07 j 22:18	17°♎45'46	1.43884 AU
superior conj	-3293 Nov 13 j 00:32	25°♎58'26	-1°-23'-14
minimum elong	-3293 Nov 12 j 17:24	25°♎29'24	1°22'36
	-3293 Nov 15 j 11:33	0°♏	
evening rise	-3293 Nov 26 j 07:19	18°♏13'27	
	-3293 Dec 03 j 04:39	0°♐	
evening max el	-3293 Dec 14 j 07:05	16°♐03'14	18°14'35
asc. node	-3293 Dec 14 j 16:52	16°♐27'25	
retrograde	-3293 Dec 20 j 19:49	19°♐34'01	
evening set	-3293 Dec 23 j 14:48	18°♐53'31	
inferior conj	-3293 Dec 29 j 21:00	13°♐31'18	3°48'04
minimum elong	-3293 Dec 29 j 18:44	13°♐37'26	3°47'40
min. Earth dist.	-3292 Jan 01 j 08:24	10°♐50'28	0.63276 AU
morning rise	-3292 Jan 04 j 21:00	7°♐33'15	
direct	-3292 Jan 11 j 21:55	4°♐48'10	
morning max el	-3292 Jan 25 j 16:05	12°♐33'26	27°39'46
desc. node	-3292 Jan 25 j 16:44	12°♐35'02	
	-3292 Feb 08 j 15:57	0°♑	
	-3292 Feb 26 j 07:58	0°♒	
morning set	-3292 Feb 28 j 22:40	5°♒08'25	
max. Earth dist.	-3292 Mar 05 j 08:08	16°♒16'24	1.33174 AU
superior conj	-3292 Mar 07 j 14:54	21°♒08'39	0°-41'-19
minimum elong	-3292 Mar 07 j 16:45	21°♒18'36	0°41'02
asc. node	-3292 Mar 11 j 16:14	29°♒53'14	

	-3292 Mar 11 j 17:29	0°♓	
evening rise	-3292 Mar 14 j 18:18	6°♓27'53	
	-3292 Mar 27 j 09:18	0°♈	
evening max el	-3292 Apr 06 j 22:00	13°♈21'22	23°19'44
retrograde	-3292 Apr 20 j 09:59	20°♈02'40	
desc. node	-3292 Apr 22 j 15:40	19°♈51'34	
evening set	-3292 Apr 24 j 01:31	19°♈33'33	
min. Earth dist.	-3292 May 01 j 08:44	16°♈14'50	0.55849 AU
inferior conj	-3292 May 03 j 05:02	15°♈09'28	-2°-44'-53
minimum elong	-3292 May 02 j 22:56	15°♈18'30	2°43'11
morning rise	-3292 May 11 j 23:34	11°♈11'46	
direct	-3292 May 14 j 12:52	10°♈55'45	
morning max el	-3292 May 25 j 02:03	15°♈49'52	20°18'33
	-3292 Jun 04 j 14:15	0°♉	
asc. node	-3292 Jun 07 j 15:44	5°♉32'05	
morning set	-3292 Jun 12 j 12:39	15°♉07'46	
	-3292 Jun 19 j 19:01	0°♊	
superior conj	-3292 Jun 20 j 07:26	1°♊02'50	1°40'05
minimum elong	-3292 Jun 20 j 05:18	0°♊51'59	1°40'00
max. Earth dist.	-3292 Jun 25 j 07:09	10°♊54'19	1.36390 AU
evening rise	-3292 Jun 29 j 09:18	18°♊36'42	
	-3292 Jul 05 j 19:43	0°♋	
desc. node	-3292 Jul 19 j 14:44	21°♋32'33	
	-3292 Jul 25 j 20:26	0°♌	
evening max el	-3292 Aug 04 j 03:42	10°♌38'58	26°00'54
retrograde	-3292 Aug 16 j 14:54	17°♌46'06	
evening set	-3292 Aug 22 j 21:08	15°♌07'40	
min. Earth dist.	-3292 Aug 27 j 03:02	10°♌30'48	0.66501 AU
inferior conj	-3292 Aug 28 j 10:24	8°♌52'01	-2°-1'-23
minimum elong	-3292 Aug 28 j 13:13	8°♌43'09	2°00'14
morning rise	-3292 Sep 03 j 06:02	2°♌56'47	
asc. node	-3292 Sep 03 j 14:54	2°♌44'08	
direct	-3292 Sep 06 j 09:53	1°♌59'15	
morning max el	-3292 Sep 13 j 09:32	5°♌56'13	19°05'26
	-3292 Sep 30 j 08:58	0°♍	
morning set	-3292 Oct 05 j 19:32	8°♍32'55	
desc. node	-3292 Oct 15 j 14:15	23°♍55'16	
	-3292 Oct 19 j 10:57	0°♎	
max. Earth dist.	-3292 Oct 20 j 14:36	1°♎49'02	1.44720 AU
superior conj	-3292 Oct 22 j 08:55	4°♎36'07	0°-42'-20
minimum elong	-3292 Oct 22 j 03:38	4°♎15'14	0°41'41
evening rise	-3292 Nov 06 j 14:29	29°♎03'49	
	-3292 Nov 07 j 04:15	0°♏	
evening max el	-3292 Nov 26 j 19:06	29°♏26'11	18°39'15
	-3292 Nov 27 j 08:40	0°♐	
asc. node	-3292 Nov 30 j 13:55	2°♐24'55	
retrograde	-3292 Dec 03 j 11:35	3°♐10'40	
evening set	-3292 Dec 06 j 11:30	2°♐20'06	
	-3292 Dec 09 j 10:14	30°℞♏	
inferior conj	-3292 Dec 12 j 09:45	26°♏39'35	3°20'29
minimum elong	-3292 Dec 12 j 06:43	26°♏48'38	3°19'43
min. Earth dist.	-3292 Dec 14 j 06:11	24°♏27'04	0.64812 AU
morning rise	-3292 Dec 18 j 00:48	20°♏32'56	
direct	-3292 Dec 24 j 18:51	17°♏42'32	
morning max el	-3291 Jan 07 j 01:27	25°♏21'49	27°07'23
	-3291 Jan 11 j 08:18	0°♐	
desc. node	-3291 Jan 11 j 13:46	0°♐15'56	
	-3291 Feb 01 j 03:02	0°♑	
morning set	-3291 Feb 11 j 13:19	18°♑54'03	
max. Earth dist.	-3291 Feb 16 j 05:51	28°♑13'58	1.34105 AU
	-3291 Feb 17 j 02:32	0°♒	
superior conj	-3291 Feb 19 j 18:56	5°♒34'51	-1°-5'-32
minimum elong	-3291 Feb 19 j 21:43	5°♒49'28	1°05'11
asc. node	-3291 Feb 26 j 13:14	19°♒52'26	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-3291 Feb 27 j 04:45	21°♒13'26	
	-3291 Mar 03 j 12:48	0°♓	
evening max el	-3291 Mar 19 j 17:45	24°♓09'12	21°47'02
	-3291 Mar 30 j 05:02	0°♈	
retrograde	-3291 Apr 01 j 02:24	0°♈08'20	
	-3291 Apr 03 j 00:29	30°℞♓	
evening set	-3291 Apr 03 j 18:28	29°♓52'22	
desc. node	-3291 Apr 09 j 12:45	27°♓45'28	
inferior conj	-3291 Apr 13 j 02:36	25°♓49'05	0°-59'-34
minimum elong	-3291 Apr 12 j 23:50	25°♓52'58	0°58'39
min. Earth dist.	-3291 Apr 12 j 22:20	25°♓55'04	0.55156 AU
morning rise	-3291 Apr 22 j 06:04	21°♓49'47	
direct	-3291 Apr 25 j 02:10	21°♓31'58	
morning max el	-3291 May 07 j 07:05	27°♓18'27	21°43'03
	-3291 May 09 j 21:57	0°♈	
asc. node	-3291 May 25 j 12:46	25°♈06'57	
morning set	-3291 May 27 j 21:34	29°♈56'40	
	-3291 May 27 j 22:13	0°♉	
superior conj	-3291 Jun 04 j 07:08	15°♉28'01	1°26'20
minimum elong	-3291 Jun 04 j 04:30	15°♉14'16	1°26'05
max. Earth dist.	-3291 Jun 07 j 21:09	22°♉50'41	1.34895 AU
	-3291 Jun 11 j 11:35	0°♊	
evening rise	-3291 Jun 12 j 12:36	2°♊00'54	
	-3291 Jun 28 j 18:29	0°♋	
desc. node	-3291 Jul 06 j 11:46	11°♋05'17	
evening max el	-3291 Jul 17 j 15:05	24°♋07'11	26°53'43
	-3291 Jul 25 j 09:11	0°♌	
retrograde	-3291 Jul 30 j 17:56	1°♌26'29	
	-3291 Aug 04 j 15:52	30°℞♋	
evening set	-3291 Aug 06 j 12:46	28°♋39'54	
min. Earth dist.	-3291 Aug 10 j 10:53	24°♋41'47	0.65507 AU
inferior conj	-3291 Aug 12 j 07:14	22°♋32'02	-2°-50'-28
minimum elong	-3291 Aug 12 j 10:55	22°♋21'15	2°49'13
morning rise	-3291 Aug 18 j 10:16	16°♋50'23	
direct	-3291 Aug 21 j 06:46	16°♋05'22	
asc. node	-3291 Aug 21 j 11:59	16°♋05'38	
morning max el	-3291 Aug 27 j 21:26	19°♋43'00	18°24'52
	-3291 Sep 04 j 16:13	0°♌	
morning set	-3291 Sep 16 j 06:50	18°♌41'06	
	-3291 Sep 23 j 06:18	0°♍	
superior conj	-3291 Oct 01 j 08:40	12°♍54'26	0°07'06
minimum elong	-3291 Oct 01 j 09:35	12°♍58'05	0°07'00
behind sun begin	-3291 Sep 30 j 23:21	12°♍17'35	
behind sun end	-3291 Oct 01 j 19:50	13°♍38'33	
desc. node	-3291 Oct 02 j 11:15	14°♍39'27	
max. Earth dist.	-3291 Oct 03 j 09:04	16°♍05'30	1.44824 AU
	-3291 Oct 12 j 05:30	0°♎	
evening rise	-3291 Oct 17 j 21:01	8°♎51'51	
	-3291 Oct 31 j 11:26	0°♏	
greatest brilliancy	-3291 Oct 31 j 11:07	29°♎58'50	-0.7m
evening max el	-3291 Nov 10 j 04:12	12°♏52'35	19°21'00
retrograde	-3291 Nov 17 j 07:33	16°♏59'43	
asc. node	-3291 Nov 17 j 10:59	16°♏59'36	
evening set	-3291 Nov 20 j 14:13	15°♏57'02	
inferior conj	-3291 Nov 26 j 06:33	10°♏01'24	2°42'44
minimum elong	-3291 Nov 26 j 03:31	10°♏11'04	2°41'44
min. Earth dist.	-3291 Nov 27 j 13:01	8°♏23'43	0.65981 AU
morning rise	-3291 Dec 01 j 16:01	3°♏48'37	
direct	-3291 Dec 07 j 21:59	1°♏05'30	
morning max el	-3291 Dec 20 j 11:09	8°♏28'19	26°07'46
desc. node	-3291 Dec 29 j 10:48	18°♏56'08	
	-3290 Jan 06 j 09:50	0°♐	
	-3290 Jan 24 j 13:43	0°♑	
morning set	-3290 Jan 25 j 14:42	1°♑55'20	
max. Earth dist.	-3290 Jan 29 j 16:00	9°♑37'43	1.35483 AU
superior conj	-3290 Feb 03 j 16:11	19°♑35'47	-1°-27'-15
minimum elong	-3290 Feb 03 j 19:26	19°♑52'22	1°26'57
	-3290 Feb 08 j 17:27	0°♒	
evening rise	-3290 Feb 11 j 12:08	5°♒43'50	
asc. node	-3290 Feb 13 j 10:16	9°♒37'57	
	-3290 Feb 25 j 05:29	0°♓	
evening max el	-3290 Mar 01 j 22:41	5°♓25'17	20°25'37
retrograde	-3290 Mar 12 j 16:43	10°♓32'28	
evening set	-3290 Mar 14 j 23:31	10°♓19'34	
inferior conj	-3290 Mar 23 j 22:52	6°♓21'23	0°57'12
minimum elong	-3290 Mar 24 j 01:22	6°♓17'42	0°56'19
min. Earth dist.	-3290 Mar 25 j 12:28	5°♓26'12	0.55400 AU
desc. node	-3290 Mar 27 j 09:50	4°♓22'11	
morning rise	-3290 Apr 02 j 01:06	2°♓01'41	
direct	-3290 Apr 05 j 15:05	1°♓33'44	
morning max el	-3290 Apr 19 j 02:52	8°♓10'30	23°20'02
	-3290 May 04 j 18:50	0°♈	
morning set	-3290 May 12 j 09:01	14°♈55'04	
asc. node	-3290 May 12 j 09:49	14°♈59'17	
	-3290 May 19 j 10:34	0°♉	
superior conj	-3290 May 19 j 12:56	0°♉12'41	1°08'13
minimum elong	-3290 May 19 j 10:26	29°♈59'17	1°07'52
max. Earth dist.	-3290 May 21 j 20:48	5°♉09'19	1.33769 AU
evening rise	-3290 May 27 j 04:26	16°♉03'57	
	-3290 Jun 03 j 13:27	0°♊	
desc. node	-3290 Jun 23 j 08:49	29°♊58'17	
	-3290 Jun 23 j 09:23	0°♋	
evening max el	-3290 Jun 30 j 01:59	7°♋20'33	27°22'08
retrograde	-3290 Jul 13 j 15:33	14°♋44'12	
evening set	-3290 Jul 20 j 18:12	12°♋00'32	
min. Earth dist.	-3290 Jul 24 j 10:13	8°♋38'20	0.64129 AU
inferior conj	-3290 Jul 26 j 20:25	6°♋03'18	-3°-33'-30
minimum elong	-3290 Jul 27 j 00:21	5°♋52'48	3°32'28
morning rise	-3290 Aug 02 j 08:17	0°♋38'19	
direct	-3290 Aug 04 j 23:43	0°♋02'45	
asc. node	-3290 Aug 08 j 09:06	1°♋01'11	
morning max el	-3290 Aug 11 j 12:09	3°♋29'37	18°01'26
morning set	-3290 Aug 28 j 20:57	0°♌05'55	
	-3290 Aug 28 j 19:34	0°♌	
superior conj	-3290 Sep 10 j 22:16	21°♌56'35	0°52'17
minimum elong	-3290 Sep 11 j 03:32	22°♌17'58	0°51'42
	-3290 Sep 15 j 22:21	0°♍	
max. Earth dist.	-3290 Sep 16 j 01:57	0°♍14'21	1.44210 AU
desc. node	-3290 Sep 19 j 08:14	5°♍24'26	
evening rise	-3290 Sep 27 j 07:06	17°♍48'21	
	-3290 Oct 05 j 06:16	0°♎	
greatest brilliancy	-3290 Oct 17 j 17:53	18°♎14'49	-0.6m
evening max el	-3290 Oct 24 j 08:22	26°♎19'05	20°18'05
	-3290 Oct 28 j 21:30	0°♏	
retrograde	-3290 Nov 01 j 04:54	0°♏56'21	
asc. node	-3290 Nov 04 j 08:06	29°♎59'33	
	-3290 Nov 04 j 07:48	30°℞♎	
evening set	-3290 Nov 04 j 20:32	29°♎39'02	
inferior conj	-3290 Nov 10 j 08:42	23°♎31'48	1°57'55
minimum elong	-3290 Nov 10 j 06:14	23°♎40'03	1°56'57
min. Earth dist.	-3290 Nov 11 j 02:49	22°♎30'54	0.66797 AU
morning rise	-3290 Nov 15 j 15:23	17°♎15'30	
direct	-3290 Nov 21 j 06:41	14°♎48'19	
morning max el	-3290 Dec 02 j 19:51	21°♎40'59	24°49'57
	-3290 Dec 10 j 02:07	0°♏	
desc. node	-3290 Dec 16 j 07:50	8°♏17'27	
	-3290 Dec 30 j 16:20	0°♐	
morning set	-3289 Jan 07 j 21:20	13°♐55'54	
max. Earth dist.	-3289 Jan 11 j 15:25	20°♐42'06	1.37274 AU
	-3289 Jan 16 j 13:55	0°♑	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3289 Jan 18 j 03:25	3°♑01'51	-1°-44'-32	
minimum elong	-3289 Jan 18 j 06:20	3°♑16'04	1°44'26	
evening rise	-3289 Jan 26 j 14:14	19°♑51'55		
asc. node	-3289 Jan 31 j 07:18	29°♑03'37		
	-3289 Jan 31 j 19:20	0°♒		
evening max el	-3289 Feb 12 j 14:24	17°♒17'56	19°21'38	
retrograde	-3289 Feb 21 j 16:48	21°♒37'57		
evening set	-3289 Feb 24 j 00:11	21°♒22'28		
inferior conj	-3289 Mar 04 j 07:25	17°♒14'21	2°33'36	
minimum elong	-3289 Mar 04 j 12:19	17°♒06'13	2°32'13	
min. Earth dist.	-3289 Mar 07 j 03:31	15°♒22'15	0.56523 AU	
morning rise	-3289 Mar 12 j 20:39	12°♒24'24		
desc. node	-3289 Mar 14 j 06:57	11°♒58'08		
direct	-3289 Mar 17 j 14:48	11°♒32'28		
morning max el	-3289 Mar 31 j 17:54	18°♒44'38	24°58'21	
	-3289 Apr 10 j 03:07	0°♓		
morning set	-3289 Apr 26 j 21:14	29°♓56'50		
	-3289 Apr 26 j 21:50	0°♈		
asc. node	-3289 Apr 29 j 06:51	5°♈03'19		
superior conj	-3289 May 03 j 22:31	15°♈09'00	0°46'56	
minimum elong	-3289 May 03 j 20:36	14°♈58'33	0°46'36	
max. Earth dist.	-3289 May 05 j 04:26	17°♈51'07	1.33012 AU	
	-3289 May 10 j 22:22	0°♉		
evening rise	-3289 May 11 j 05:01	0°♉34'04		
	-3289 May 27 j 14:13	0°♊		
desc. node	-3289 Jun 10 j 05:52	17°♊54'55		
evening max el	-3289 Jun 12 j 10:33	20°♊07'30	27°20'24	
retrograde	-3289 Jun 26 j 07:02	27°♊30'07		
evening set	-3289 Jul 03 j 09:46	25°♊03'19		
min. Earth dist.	-3289 Jul 06 j 23:51	22°♊08'47	0.62396 AU	
inferior conj	-3289 Jul 09 j 23:02	19°♊19'42	-4°-6'-27	
minimum elong	-3289 Jul 10 j 02:10	19°♊12'13	4°05'55	
morning rise	-3289 Jul 16 j 21:01	14°♊14'11		
direct	-3289 Jul 19 j 09:37	13°♊45'26		
morning max el	-3289 Jul 26 j 02:56	17°♊10'17	17°56'10	
asc. node	-3289 Jul 26 j 06:13	17°♊18'25		
	-3289 Aug 04 j 05:56	0°♋		
morning set	-3289 Aug 11 j 09:05	12°♋34'19		
	-3289 Aug 21 j 06:10	0°♌		
superior conj	-3289 Aug 22 j 14:24	2°♌17'58	1°24'43	
minimum elong	-3289 Aug 22 j 19:34	2°♌39'57	1°24'20	
max. Earth dist.	-3289 Aug 29 j 15:00	14°♌00'27	1.42968 AU	
desc. node	-3289 Sep 06 j 05:13	26°♌07'35		
evening rise	-3289 Sep 06 j 12:17	26°♌35'10		
	-3289 Sep 08 j 17:00	0°♍		
	-3289 Sep 29 j 04:49	0°♎		
greatest brilliancy	-3289 Oct 02 j 04:34	3°♎53'32	-0.4m	
evening max el	-3289 Oct 07 j 06:38	9°♎45'32	21°27'36	
retrograde	-3289 Oct 16 j 01:34	14°♎58'26		
evening set	-3289 Oct 20 j 04:26	13°♎23'56		
asc. node	-3289 Oct 22 j 05:12	11°♎28'07		
inferior conj	-3289 Oct 25 j 14:03	7°♎08'33	1°08'19	
minimum elong	-3289 Oct 25 j 12:31	7°♎13'49	1°07'40	
min. Earth dist.	-3289 Oct 25 j 21:06	6°♎44'16	0.67289 AU	
morning rise	-3289 Oct 30 j 20:17	0°♎51'33		
	-3289 Oct 31 j 23:25	30°℞♍		
direct	-3289 Nov 04 j 20:15	28°♍45'05		
	-3289 Nov 09 j 02:18	0°♎		
morning max el	-3289 Nov 15 j 05:00	4°♎56'14	23°23'50	
greatest brilliancy	-3289 Nov 20 j 20:26	11°♎19'45	-0.2m	
desc. node	-3289 Dec 03 j 04:51	28°♎08'08		
	-3289 Dec 04 j 11:20	0°♏		
morning set	-3289 Dec 20 j 02:59	24°♏39'28		
	-3289 Dec 23 j 06:19	0°♐		
max. Earth dist.	-3289 Dec 24 j 10:46	2°♐03'18	1.39326 AU	

superior conj	-3288 Jan 01 j 00:35	15°♐42'18	-1°-54'-45	
minimum elong	-3288 Jan 01 j 01:52	15°♐48'16	1°54'50	
	-3288 Jan 08 j 12:45	0°♑		
evening rise	-3288 Jan 10 j 08:26	3°♑31'08		
asc. node	-3288 Jan 18 j 04:20	18°♑02'45		
evening max el	-3288 Jan 26 j 15:31	29°♑44'04	18°37'19	
	-3288 Jan 26 j 22:14	0°♒		
retrograde	-3288 Feb 03 j 10:42	3°♒31'34		
evening set	-3288 Feb 05 j 21:23	3°♒10'33		
	-3288 Feb 11 j 18:53	30°℞♑		
inferior conj	-3288 Feb 13 j 11:38	28°♑43'18	3°33'36	
minimum elong	-3288 Feb 13 j 15:15	28°♑36'19	3°32'55	
min. Earth dist.	-3288 Feb 16 j 20:34	26°♑08'49	0.58265 AU	
morning rise	-3288 Feb 21 j 05:26	23°♑25'51		
direct	-3288 Feb 27 j 03:43	21°♑57'55		
desc. node	-3288 Feb 29 j 04:02	22°♑08'00		
morning max el	-3288 Mar 12 j 10:17	29°♑28'43	26°23'11	
	-3288 Mar 12 j 23:00	0°♒		
	-3288 Apr 02 j 19:03	0°♓		
morning set	-3288 Apr 10 j 08:30	14°♓55'46		
asc. node	-3288 Apr 15 j 03:50	25°♓14'03		
superior conj	-3288 Apr 17 j 09:57	0°♈09'55	0°23'27	
minimum elong	-3288 Apr 17 j 08:55	0°♈04'19	0°23'14	
	-3288 Apr 17 j 08:08	0°♈		
max. Earth dist.	-3288 Apr 17 j 16:49	0°♈47'32	1.32611 AU	
evening rise	-3288 Apr 24 j 11:27	15°♈21'10		
	-3288 May 01 j 22:18	0°♉		
	-3288 May 22 j 08:24	0°♊		
evening max el	-3288 May 24 j 14:12	2°♊15'51	26°45'38	
desc. node	-3288 May 27 j 02:57	4°♊30'53		
retrograde	-3288 Jun 07 j 14:43	9°♊34'52		
evening set	-3288 Jun 14 j 07:05	7°♊38'23		
min. Earth dist.	-3288 Jun 18 j 03:41	4°♊57'32	0.60414 AU	
inferior conj	-3288 Jun 21 j 11:31	2°♊11'44	-4°-23'-7	
minimum elong	-3288 Jun 21 j 12:23	2°♊09'56	4°23'00	
	-3288 Jun 24 j 05:37	30°℞♉		
morning rise	-3288 Jun 28 j 20:53	27°♉27'56		
direct	-3288 Jul 01 j 08:30	27°♉04'12		
	-3288 Jul 07 j 22:53	0°♊		
morning max el	-3288 Jul 08 j 14:53	0°♊36'46	18°10'01	
asc. node	-3288 Jul 12 j 03:17	4°♊40'46		
morning set	-3288 Jul 24 j 13:35	25°♊50'33		
	-3288 Jul 26 j 18:49	0°♋		
superior conj	-3288 Aug 03 j 09:04	13°♋58'08	1°42'55	
minimum elong	-3288 Aug 03 j 11:50	14°♋10'35	1°42'53	
max. Earth dist.	-3288 Aug 10 j 22:48	27°♋09'41	1.41258 AU	
	-3288 Aug 12 j 15:24	0°♌		
evening rise	-3288 Aug 16 j 07:49	6°♌03'15		
desc. node	-3288 Aug 23 j 02:13	16°♌44'55		
	-3288 Aug 31 j 22:49	0°♍		
greatest brilliancy	-3288 Sep 14 j 01:57	17°♍44'02	-0.3m	
evening max el	-3288 Sep 18 j 23:04	23°♍11'57	22°45'30	
retrograde	-3288 Sep 28 j 19:58	29°♍03'12		
evening set	-3288 Oct 03 j 12:07	27°♍09'32		
asc. node	-3288 Oct 08 j 02:19	21°♍52'42		
inferior conj	-3288 Oct 08 j 20:42	20°♍49'27	0°15'47	
minimum elong	-3288 Oct 08 j 20:19	20°♍50'44	0°15'38	
transit middle	-3288 Oct 08 j 20:19	20°♍50'44	0°15'38	
transit begin	-3288 Oct 08 j 19:32	20°♍53'28		
transit end	-3288 Oct 08 j 21:07	20°♍48'01		
min. Earth dist.	-3288 Oct 08 j 17:22	21°♍00'57	0.67470 AU	
morning rise	-3288 Oct 14 j 04:28	14°♍34'42		
direct	-3288 Oct 18 j 13:43	12°♍50'14		
morning max el	-3288 Oct 27 j 17:54	18°♍16'28	21°58'37	
greatest brilliancy	-3288 Nov 01 j 13:33	23°♍44'59	-0.4m	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3288 Nov 06 j 08:51	0°♎	
desc. node	-3288 Nov 19 j 01:51	18°♎19'33	
	-3288 Nov 26 j 15:34	0°♏	
morning set	-3288 Nov 29 j 03:47	3°♏59'11	
max. Earth dist.	-3288 Dec 05 j 10:07	14°♏13'16	1.41367 AU
superior conj	-3288 Dec 13 j 02:25	27°♏23'39	-1°-54'-23
minimum elong	-3288 Dec 13 j 00:31	27°♏15'17	1°54'27
	-3288 Dec 14 j 13:43	0°♐	
evening rise	-3288 Dec 23 j 15:34	16°♐34'22	
	-3288 Dec 31 j 01:28	0°♑	
asc. node	-3287 Jan 04 j 01:22	6°♑26'54	
evening max el	-3287 Jan 08 j 23:18	12°♑35'50	18°13'05
retrograde	-3287 Jan 15 j 22:51	16°♑06'48	
evening set	-3287 Jan 18 j 12:31	15°♑39'02	
inferior conj	-3287 Jan 25 j 12:04	10°♑49'41	3°58'49
minimum elong	-3287 Jan 25 j 12:59	10°♑47'38	3°58'40
min. Earth dist.	-3287 Jan 28 j 18:42	7°♑55'13	0.60270 AU
morning rise	-3287 Feb 01 j 10:35	5°♑11'50	
direct	-3287 Feb 08 j 03:56	3°♑06'04	
desc. node	-3287 Feb 15 j 01:07	5°♑05'43	
morning max el	-3287 Feb 22 j 08:23	10°♑46'25	27°20'52
	-3287 Mar 09 j 07:56	0°♒	
morning set	-3287 Mar 25 j 17:07	29°♒45'44	
	-3287 Mar 25 j 19:53	0°♓	
superior conj	-3287 Apr 01 j 21:35	15°♓09'48	0°-1'-25
minimum elong	-3287 Apr 01 j 21:39	15°♓10'09	0°01'27
behind sun begin	-3287 Apr 01 j 16:39	14°♓42'47	
behind sun end	-3287 Apr 02 j 02:39	15°♓37'32	
max. Earth dist.	-3287 Apr 01 j 06:12	13°♓45'41	1.32549 AU
asc. node	-3287 Apr 02 j 00:49	15°♓27'33	
evening rise	-3287 Apr 08 j 21:27	0°♈17'17	
	-3287 Apr 08 j 18:10	0°♈	
	-3287 Apr 25 j 07:46	0°♉	
evening max el	-3287 May 06 j 11:17	13°♉41'04	25°40'22
desc. node	-3287 May 14 j 00:00	19°♉14'11	
retrograde	-3287 May 20 j 13:02	20°♉54'14	
evening set	-3287 May 26 j 06:47	19°♉35'46	
min. Earth dist.	-3287 May 30 j 23:34	16°♉51'25	0.58387 AU
inferior conj	-3287 Jun 03 j 06:18	14°♉30'02	-4°-14'-22
minimum elong	-3287 Jun 03 j 03:33	14°♉34'59	4°14'03
morning rise	-3287 Jun 11 j 04:15	10°♉08'31	
direct	-3287 Jun 13 j 15:55	9°♉48'43	
morning max el	-3287 Jun 21 j 21:10	13°♉41'15	18°43'53
asc. node	-3287 Jun 29 j 00:19	22°♉54'15	
	-3287 Jul 03 j 03:08	0°♊	
morning set	-3287 Jul 08 j 05:57	9°♊43'14	
superior conj	-3287 Jul 17 j 01:05	26°♊43'23	1°48'54
minimum elong	-3287 Jul 17 j 01:20	26°♊44'37	1°49'01
	-3287 Jul 18 j 19:02	0°♋	
max. Earth dist.	-3287 Jul 24 j 01:46	9°♋35'10	1.39312 AU
evening rise	-3287 Jul 28 j 04:20	16°♋42'49	
	-3287 Aug 05 j 07:06	0°♌	
desc. node	-3287 Aug 09 j 23:13	7°♌12'19	
	-3287 Aug 26 j 11:59	0°♍	
evening max el	-3287 Sep 01 j 11:22	6°♍39'56	24°06'06
retrograde	-3287 Sep 12 j 11:01	13°♍07'39	
evening set	-3287 Sep 17 j 17:52	10°♍54'26	
min. Earth dist.	-3287 Sep 22 j 13:15	5°♍19'29	0.67343 AU
inferior conj	-3287 Sep 23 j 02:56	4°♍33'10	0°-38'-2
minimum elong	-3287 Sep 23 j 03:50	4°♍30'07	0°37'36
asc. node	-3287 Sep 24 j 23:24	2°♍06'12	
	-3287 Sep 26 j 18:50	30°℞♌	
morning rise	-3287 Sep 28 j 14:01	28°♌23'35	
direct	-3287 Oct 02 j 10:05	26°♌59'47	
	-3287 Oct 08 j 16:46	0°♍	
morning max el	-3287 Oct 10 j 13:21	1°♍45'14	20°41'12
greatest brilliancy	-3287 Oct 16 j 15:41	9°♍00'13	-0.5m
	-3287 Oct 31 j 05:10	0°♎	
desc. node	-3287 Nov 05 j 22:49	8°♎45'29	
morning set	-3287 Nov 08 j 05:55	12°♎18'44	
max. Earth dist.	-3287 Nov 17 j 16:46	27°♎17'01	1.43108 AU
	-3287 Nov 19 j 08:56	0°♏	
superior conj	-3287 Nov 24 j 03:17	7°♏52'00	-1°-39'-32
minimum elong	-3287 Nov 23 j 21:30	7°♏27'51	1°39'11
evening rise	-3287 Dec 06 j 07:38	28°♏52'55	
	-3287 Dec 06 j 22:49	0°♐	
asc. node	-3287 Dec 21 j 22:25	24°♐04'49	
evening max el	-3287 Dec 23 j 10:51	25°♐44'22	18°08'31
retrograde	-3287 Dec 30 j 01:08	29°♐12'18	
evening set	-3286 Jan 01 j 17:50	28°♐36'53	
inferior conj	-3286 Jan 08 j 05:36	23°♐26'05	3°57'35
minimum elong	-3286 Jan 08 j 04:13	23°♐29'35	3°57'23
min. Earth dist.	-3286 Jan 11 j 01:10	20°♐34'41	0.62239 AU
morning rise	-3286 Jan 14 j 12:31	17°♐33'54	
direct	-3286 Jan 21 j 13:28	14°♐59'03	
desc. node	-3286 Feb 01 j 22:10	20°♐20'44	
morning max el	-3286 Feb 04 j 12:42	22°♐44'38	27°43'22
	-3286 Feb 11 j 00:12	0°♑	
	-3286 Mar 02 j 10:57	0°♒	
morning set	-3286 Mar 09 j 20:56	14°♒18'07	
max. Earth dist.	-3286 Mar 15 j 16:30	26°♒29'42	1.32836 AU
superior conj	-3286 Mar 17 j 07:43	0°♓01'31	0°-26'-49
minimum elong	-3286 Mar 17 j 08:56	0°♓08'07	0°26'38
	-3286 Mar 17 j 07:26	0°♓	
asc. node	-3286 Mar 19 j 21:48	5°♓38'44	
evening rise	-3286 Mar 24 j 08:59	15°♓14'09	
	-3286 Mar 31 j 19:28	0°♈	
evening max el	-3286 Apr 18 j 03:24	24°♈31'58	24°13'45
	-3286 Apr 25 j 16:47	0°♉	
desc. node	-3286 Apr 30 j 21:05	1°♉27'32	
retrograde	-3286 May 02 j 00:10	1°♉30'28	
evening set	-3286 May 06 j 10:00	0°♉46'57	
	-3286 May 08 j 10:38	30°℞♈	
min. Earth dist.	-3286 May 12 j 15:02	27°♈43'55	0.56613 AU
inferior conj	-3286 May 15 j 04:58	26°♈06'40	-3°-29'-34
minimum elong	-3286 May 14 j 23:08	26°♈15'53	3°28'17
morning rise	-3286 May 23 j 16:18	22°♈03'19	
direct	-3286 May 26 j 04:18	21°♈46'37	
morning max el	-3286 Jun 04 j 19:04	26°♈14'09	19°38'17
	-3286 Jun 08 j 06:01	0°♉	
asc. node	-3286 Jun 15 j 21:20	11°♉46'31	
morning set	-3286 Jun 22 j 06:44	24°♉03'10	
	-3286 Jun 25 j 05:32	0°♊	
superior conj	-3286 Jun 30 j 08:48	10°♊17'33	1°45'25
minimum elong	-3286 Jun 30 j 07:17	10°♊10'03	1°45'27
max. Earth dist.	-3286 Jul 06 j 04:08	21°♊27'32	1.37388 AU
evening rise	-3286 Jul 10 j 01:55	28°♊36'25	
	-3286 Jul 10 j 20:41	0°♋	
desc. node	-3286 Jul 27 j 20:13	27°♋24'29	
	-3286 Jul 29 j 15:17	0°♌	
evening max el	-3286 Aug 14 j 22:06	20°♌10'57	25°22'20
retrograde	-3286 Aug 26 j 22:00	27°♌07'34	
evening set	-3286 Sep 01 j 19:52	24°♌36'55	
min. Earth dist.	-3286 Sep 06 j 06:24	19°♌38'12	0.66896 AU
inferior conj	-3286 Sep 07 j 07:03	18°♌18'00	-1°-31'-29
minimum elong	-3286 Sep 07 j 09:12	18°♌10'59	1°30'33
asc. node	-3286 Sep 11 j 20:30	13°♌06'42	
morning rise	-3286 Sep 12 j 23:06	12°♌16'37	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3286 Sep 16 j 08:07	11°♌10'35	
morning max el	-3286 Sep 23 j 16:11	15°♌23'08	19°36'10
greatest brilliancy	-3286 Oct 02 j 08:01	26°♌27'03	-0.7m
	-3286 Oct 04 j 18:12	0°♍	
morning set	-3286 Oct 18 j 05:54	20°♍39'41	
desc. node	-3286 Oct 23 j 19:48	29°♍21'32	
	-3286 Oct 24 j 05:38	0°♎	
max. Earth dist.	-3286 Oct 31 j 05:51	11°♎02'12	1.44315 AU
superior conj	-3286 Nov 04 j 00:50	17°♎04'52	-1°-7'-38
minimum elong	-3286 Nov 03 j 17:44	16°♎36'26	1°06'53
	-3286 Nov 11 j 23:36	0°♏	
evening rise	-3286 Nov 18 j 04:06	10°♏18'05	
	-3286 Nov 30 j 02:55	0°♐	
evening max el	-3286 Dec 06 j 23:29	9°♐03'58	18°22'52
asc. node	-3286 Dec 08 j 19:29	10°♐43'37	
retrograde	-3286 Dec 13 j 13:05	12°♐39'41	
evening set	-3286 Dec 16 j 09:51	11°♐55'18	
inferior conj	-3286 Dec 22 j 12:25	6°♐25'06	3°37'53
minimum elong	-3286 Dec 22 j 09:44	6°♐32'45	3°37'19
min. Earth dist.	-3286 Dec 24 j 17:31	3°♐54'47	0.63969 AU
morning rise	-3286 Dec 28 j 08:08	0°♐22'47	
	-3286 Dec 28 j 19:42	30°℞♏	
direct	-3285 Jan 04 j 06:55	27°♏33'27	
	-3285 Jan 11 j 10:48	0°♐	
morning max el	-3285 Jan 17 j 21:04	5°♐18'12	27°29'45
desc. node	-3285 Jan 19 j 19:14	7°♐17'26	
	-3285 Feb 05 j 16:57	0°♑	
morning set	-3285 Feb 21 j 17:22	28°♑24'11	
	-3285 Feb 22 j 12:41	0°♒	
max. Earth dist.	-3285 Feb 26 j 19:40	8°♒46'06	1.33517 AU
superior conj	-3285 Mar 01 j 14:36	14°♒39'16	0°-51'-48
minimum elong	-3285 Mar 01 j 16:53	14°♒51'25	0°51'28
asc. node	-3285 Mar 06 j 18:48	25°♒43'39	
evening rise	-3285 Mar 08 j 20:20	0°♓05'36	
	-3285 Mar 08 j 19:16	0°♓	
	-3285 Mar 26 j 02:59	0°♈	
evening max el	-3285 Mar 30 j 20:05	5°♈13'34	22°39'26
retrograde	-3285 Apr 12 j 22:45	11°♈39'14	
evening set	-3285 Apr 16 j 02:16	11°♈17'32	
desc. node	-3285 Apr 17 j 18:10	10°♈49'36	
min. Earth dist.	-3285 Apr 24 j 05:14	7°♈44'05	0.55445 AU
inferior conj	-3285 Apr 25 j 09:31	7°♈03'34	-2°-3'-38
minimum elong	-3285 Apr 25 j 04:17	7°♈11'04	2°02'00
morning rise	-3285 May 04 j 08:41	3°♈07'07	
direct	-3285 May 06 j 23:35	2°♈51'07	
morning max el	-3285 May 18 j 06:28	8°♈07'28	20°52'29
	-3285 Jun 02 j 04:14	0°♉	
asc. node	-3285 Jun 02 j 18:21	1°♉08'07	
morning set	-3285 Jun 06 j 13:18	8°♉43'17	
superior conj	-3285 Jun 14 j 03:42	24°♉27'13	1°34'52
minimum elong	-3285 Jun 14 j 01:15	24°♉14'41	1°34'43
	-3285 Jun 16 j 21:20	0°♊	
max. Earth dist.	-3285 Jun 18 j 12:29	3°♊14'34	1.35708 AU
evening rise	-3285 Jun 22 j 19:56	11°♊32'11	
	-3285 Jul 03 j 08:24	0°♋	
desc. node	-3285 Jul 14 j 17:14	17°♋14'15	
	-3285 Jul 24 j 19:59	0°♌	
evening max el	-3285 Jul 28 j 09:13	3°♌42'34	26°26'04
retrograde	-3285 Aug 10 j 04:09	10°♌56'46	
evening set	-3285 Aug 16 j 15:58	8°♌13'53	
min. Earth dist.	-3285 Aug 20 j 18:27	3°♌53'21	0.66113 AU
inferior conj	-3285 Aug 22 j 07:09	2°♌00'56	-2°-22'-48
minimum elong	-3285 Aug 22 j 10:23	1°♌51'01	2°21'35
	-3285 Aug 23 j 23:34	30°℞♋	
morning rise	-3285 Aug 28 j 05:44	26°♋10'54	
asc. node	-3285 Aug 29 j 17:36	25°♋32'21	
direct	-3285 Aug 31 j 06:05	25°♋19'11	
morning max el	-3285 Sep 07 j 01:15	29°♋07'19	18°46'08
	-3285 Sep 07 j 21:10	0°♌	
morning set	-3285 Sep 28 j 01:21	0°♍01'03	
	-3285 Sep 28 j 01:05	0°♍	
desc. node	-3285 Oct 10 j 16:47	20°♍03'27	
superior conj	-3285 Oct 14 j 02:51	25°♍26'41	0°-21'-42
minimum elong	-3285 Oct 13 j 23:59	25°♍15'26	0°21'19
max. Earth dist.	-3285 Oct 13 j 22:55	25°♍11'13	1.44849 AU
	-3285 Oct 17 j 00:13	0°♎	
evening rise	-3285 Oct 30 j 00:45	20°♎41'13	
	-3285 Nov 04 j 20:04	0°♏	
evening max el	-3285 Nov 20 j 10:36	22°♏29'00	18°55'05
asc. node	-3285 Nov 25 j 16:35	26°♏07'45	
retrograde	-3285 Nov 27 j 06:54	26°♏21'58	
evening set	-3285 Nov 30 j 09:26	25°♏26'36	
inferior conj	-3285 Dec 06 j 04:58	19°♏39'34	3°05'31
minimum elong	-3285 Dec 06 j 01:51	19°♏49'09	3°04'37
min. Earth dist.	-3285 Dec 07 j 19:23	17°♏41'09	0.65357 AU
morning rise	-3285 Dec 11 j 17:16	13°♏30'06	
direct	-3285 Dec 18 j 06:49	10°♏41'05	
morning max el	-3285 Dec 31 j 06:36	18°♏15'02	26°44'46
desc. node	-3284 Jan 06 j 16:18	25°♏26'02	
	-3284 Jan 10 j 05:54	0°♐	
	-3284 Jan 29 j 15:16	0°♑	
morning set	-3284 Feb 05 j 02:59	11°♑52'53	
max. Earth dist.	-3284 Feb 09 j 12:20	20°♑27'24	1.34635 AU
superior conj	-3284 Feb 13 j 16:08	28°♑56'11	-1°-15'-9
minimum elong	-3284 Feb 13 j 19:11	29°♑12'02	1°14'48
	-3284 Feb 14 j 04:25	0°♒	
evening rise	-3284 Feb 21 j 05:43	14°♒45'39	
asc. node	-3284 Feb 21 j 15:51	15°♒37'56	
	-3284 Feb 29 j 01:48	0°♓	
evening max el	-3284 Mar 11 j 19:32	16°♓12'43	21°10'36
retrograde	-3284 Mar 23 j 12:30	21°♓49'24	
evening set	-3284 Mar 25 j 22:57	21°♓35'43	
desc. node	-3284 Apr 03 j 15:16	17°♓56'23	
inferior conj	-3284 Apr 04 j 04:50	17°♓37'14	0°-9'-28
minimum elong	-3284 Apr 04 j 04:23	17°♓37'52	0°09'20
transit middle	-3284 Apr 04 j 04:23	17°♓37'52	0°09'20
transit begin	-3284 Apr 04 j 01:05	17°♓42'33	
transit end	-3284 Apr 04 j 07:42	17°♓33'11	
min. Earth dist.	-3284 Apr 04 j 19:16	17°♓16'50	0.55146 AU
morning rise	-3284 Apr 13 j 09:14	13°♓31'02	
direct	-3284 Apr 16 j 11:37	13°♓10'05	
morning max el	-3284 Apr 29 j 07:09	19°♓19'27	22°23'13
	-3284 May 08 j 00:58	0°♈	
asc. node	-3284 May 19 j 15:23	20°♈51'35	
morning set	-3284 May 20 j 23:34	23°♈37'37	
	-3284 May 24 j 00:12	0°♉	
superior conj	-3284 May 28 j 06:21	9°♉02'17	1°19'06
minimum elong	-3284 May 28 j 03:42	8°♉48'19	1°18'49
max. Earth dist.	-3284 May 31 j 06:50	15°♉20'55	1.34374 AU
evening rise	-3284 Jun 05 j 05:11	25°♉15'35	
	-3284 Jun 07 j 16:27	0°♊	
	-3284 Jun 25 j 19:09	0°♋	
desc. node	-3284 Jun 30 j 14:17	6°♋32'11	
evening max el	-3284 Jul 09 j 20:53	17°♋07'20	27°09'16
retrograde	-3284 Jul 23 j 04:53	24°♋28'43	
evening set	-3284 Jul 30 j 03:40	21°♋42'15	
min. Earth dist.	-3284 Aug 02 j 23:02	17°♋59'43	0.64967 AU
inferior conj	-3284 Aug 05 j 01:05	15°♋38'35	-3°-9'-40

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3284 Aug 05 j 04:59	15°♋27'36	3°08'28
morning rise	-3284 Aug 11 j 07:41	10°♋03'20	
direct	-3284 Aug 14 j 01:48	9°♋22'34	
asc. node	-3284 Aug 15 j 14:42	9°♋35'14	
morning max el	-3284 Aug 20 j 14:36	12°♋54'36	18°12'41
	-3284 Sep 01 j 13:30	0°♌	
morning set	-3284 Sep 08 j 00:30	10°♌43'30	
	-3284 Sep 19 j 18:56	0°♍	
superior conj	-3284 Sep 22 j 05:57	3°♍56'21	0°27'27
minimum elong	-3284 Sep 22 j 09:15	4°♍09'32	0°27'04
max. Earth dist.	-3284 Sep 25 j 17:16	9°♍27'17	1.44654 AU
desc. node	-3284 Sep 26 j 13:46	10°♍48'18	
evening rise	-3284 Oct 08 j 21:24	0°♎04'09	
	-3284 Oct 08 j 20:19	0°♎	
greatest brilliancy	-3284 Oct 25 j 17:32	25°♎42'20	-0.7m
	-3284 Oct 28 j 19:40	0°♏	
evening max el	-3284 Nov 02 j 17:53	5°♏55'53	19°43'37
retrograde	-3284 Nov 10 j 03:38	10°♏14'30	
asc. node	-3284 Nov 11 j 13:41	10°♏02'52	
evening set	-3284 Nov 13 j 13:57	9°♏05'47	
inferior conj	-3284 Nov 19 j 04:18	3°♏04'56	2°24'25
minimum elong	-3284 Nov 19 j 01:28	3°♏14'13	2°23'24
min. Earth dist.	-3284 Nov 20 j 05:19	1°♏42'56	0.66376 AU
	-3284 Nov 21 j 13:43	30°℞♎	
morning rise	-3284 Nov 24 j 12:18	26°♎50'36	
direct	-3284 Nov 30 j 12:19	24°♎13'27	
	-3284 Dec 11 j 04:56	0°♏	
morning max el	-3284 Dec 12 j 15:41	1°♏24'14	25°36'19
desc. node	-3284 Dec 23 j 13:21	14°♏25'18	
	-3283 Jan 03 j 07:23	0°♐	
morning set	-3283 Jan 17 j 21:06	24°♐30'07	
	-3283 Jan 20 j 20:23	0°♑	
max. Earth dist.	-3283 Jan 21 j 17:33	1°♑40'01	1.36202 AU
superior conj	-3283 Jan 27 j 09:35	12°♑43'47	-1°-35'-16
minimum elong	-3283 Jan 27 j 12:49	12°♑59'59	1°35'02
evening rise	-3283 Feb 04 j 11:10	29°♑07'38	
	-3283 Feb 04 j 21:30	0°♒	
asc. node	-3283 Feb 07 j 12:54	5°♒16'00	
evening max el	-3283 Feb 22 j 05:07	27°♒44'24	19°56'03
	-3283 Feb 24 j 22:58	0°♓	
retrograde	-3283 Mar 04 j 05:22	2°♓29'58	
evening set	-3283 Mar 06 j 11:59	2°♓16'19	
	-3283 Mar 12 j 05:57	30°℞♒	
inferior conj	-3283 Mar 15 j 04:54	28°♒15'18	1°42'03
minimum elong	-3283 Mar 15 j 08:56	28°♒09'05	1°40'42
min. Earth dist.	-3283 Mar 17 j 09:21	26°♒55'08	0.55784 AU
desc. node	-3283 Mar 21 j 12:23	24°♒42'08	
morning rise	-3283 Mar 24 j 02:56	23°♒43'38	
direct	-3283 Mar 28 j 04:18	23°♒07'18	
	-3283 Apr 10 j 23:51	0°♓	
morning max el	-3283 Apr 11 j 00:03	0°♓00'30	24°02'31
	-3283 May 01 j 05:33	0°♈	
morning set	-3283 May 05 j 11:34	8°♈38'44	
asc. node	-3283 May 06 j 12:25	10°♈49'44	
superior conj	-3283 May 12 j 14:01	23°♈52'59	0°59'32
minimum elong	-3283 May 12 j 11:43	23°♈40'34	0°59'10
max. Earth dist.	-3283 May 14 j 10:33	27°♈51'52	1.33408 AU
	-3283 May 15 j 10:39	0°♉	
evening rise	-3283 May 20 j 01:11	9°♉31'48	
	-3283 May 31 j 01:37	0°♊	
desc. node	-3283 Jun 17 j 11:20	25°♊03'48	
	-3283 Jun 22 j 02:25	0°♋	
evening max el	-3283 Jun 22 j 07:12	0°♋11'31	27°25'15
retrograde	-3283 Jul 05 j 23:40	7°♋34'13	
evening set	-3283 Jul 13 j 03:39	4°♋56'00	
min. Earth dist.	-3283 Jul 16 j 18:12	1°♋47'02	0.63441 AU
	-3283 Jul 18 j 12:32	30°℞♊	
inferior conj	-3283 Jul 19 j 10:09	29°♊04'33	-3°-49'00
minimum elong	-3283 Jul 19 j 13:55	28°♊54'59	3°48'10
morning rise	-3283 Jul 26 j 02:11	23°♊47'28	
direct	-3283 Jul 28 j 16:17	23°♊14'55	
asc. node	-3283 Aug 02 j 11:47	25°♊07'27	
morning max el	-3283 Aug 04 j 05:40	26°♊39'26	17°56'55
	-3283 Aug 07 j 03:09	0°♋	
morning set	-3283 Aug 21 j 00:41	22°♋37'28	
	-3283 Aug 25 j 06:35	0°♌	
superior conj	-3283 Sep 02 j 06:07	13°♌30'07	1°07'50
minimum elong	-3283 Sep 02 j 11:48	13°♌53'37	1°07'17
max. Earth dist.	-3283 Sep 08 j 09:21	23°♌30'32	1.43756 AU
	-3283 Sep 12 j 11:10	0°♍	
desc. node	-3283 Sep 13 j 10:45	1°♍32'53	
evening rise	-3283 Sep 18 j 03:00	8°♍50'26	
	-3283 Oct 02 j 03:15	0°♎	
greatest brilliancy	-3283 Oct 10 j 23:33	12°♎25'47	-0.5m
evening max el	-3283 Oct 16 j 19:35	19°♎22'21	20°46'20
retrograde	-3283 Oct 25 j 00:56	24°♎14'08	
evening set	-3283 Oct 28 j 21:10	22°♎49'33	
asc. node	-3283 Oct 29 j 10:47	22°♎22'37	
inferior conj	-3283 Nov 03 j 08:02	16°♎38'15	1°37'20
minimum elong	-3283 Nov 03 j 05:56	16°♎45'24	1°36'29
min. Earth dist.	-3283 Nov 03 j 21:13	15°♎53'22	0.67043 AU
morning rise	-3283 Nov 08 j 14:16	10°♎21'31	
direct	-3283 Nov 13 j 22:58	8°♎03'04	
morning max el	-3283 Nov 25 j 00:25	14°♎38'47	24°13'55
	-3283 Dec 07 j 13:41	0°♏	
desc. node	-3283 Dec 10 j 10:23	4°♏00'29	
	-3283 Dec 27 j 05:14	0°♐	
morning set	-3283 Dec 30 j 17:54	6°♐00'12	
max. Earth dist.	-3282 Jan 03 j 14:45	12°♐49'28	1.38126 AU
superior conj	-3282 Jan 10 j 15:26	25°♐52'19	-1°-49'-55
minimum elong	-3282 Jan 10 j 17:50	26°♐03'51	1°49'54
	-3282 Jan 12 j 18:46	0°♑	
evening rise	-3282 Jan 19 j 10:18	13°♑05'06	
asc. node	-3282 Jan 25 j 09:56	24°♑31'57	
	-3282 Jan 28 j 13:42	0°♒	
evening max el	-3282 Feb 05 j 01:02	9°♒52'10	19°00'18
retrograde	-3282 Feb 13 j 13:00	13°♒56'53	
evening set	-3282 Feb 15 j 21:38	13°♒39'20	
inferior conj	-3282 Feb 23 j 21:26	9°♒23'24	3°03'41
minimum elong	-3282 Feb 24 j 02:08	9°♒15'06	3°02'32
min. Earth dist.	-3282 Feb 27 j 00:54	7°♒11'10	0.57204 AU
morning rise	-3282 Mar 04 j 02:46	4°♒20'53	
desc. node	-3282 Mar 08 j 09:29	3°♒17'23	
direct	-3282 Mar 09 j 09:14	3°♒15'01	
morning max el	-3282 Mar 23 j 15:10	10°♒36'33	25°37'00
	-3282 Apr 07 j 09:35	0°♓	
morning set	-3282 Apr 19 j 23:37	23°♓40'37	
	-3282 Apr 22 j 22:48	0°♈	
asc. node	-3282 Apr 23 j 09:26	0°♈57'30	
superior conj	-3282 Apr 27 j 00:36	8°♈52'20	0°37'13
minimum elong	-3282 Apr 26 j 23:02	8°♈43'46	0°36'55
max. Earth dist.	-3282 Apr 27 j 20:41	10°♈41'45	1.32802 AU
evening rise	-3282 May 04 j 04:34	24°♈10'15	
	-3282 May 07 j 01:49	0°♉	
	-3282 May 24 j 20:21	0°♊	
desc. node	-3282 Jun 04 j 08:23	12°♊29'34	
evening max el	-3282 Jun 04 j 13:43	12°♊42'22	27°09'26
retrograde	-3282 Jun 18 j 11:58	20°♊03'57	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3282 Jun 25 j 11:58	17°♊48'12		
min. Earth dist.	-3282 Jun 29 j 03:18	15°♊01'49	0.61581 AU	
inferior conj	-3282 Jul 02 j 07:10	12°♊11'26	-4°-15'-59	
minimum elong	-3282 Jul 02 j 09:32	12°♊06'05	4°15'40	
morning rise	-3282 Jul 09 j 09:54	7°♊15'19		
direct	-3282 Jul 11 j 21:55	6°♊48'54		
morning max el	-3282 Jul 18 j 19:38	10°♊15'22	17°59'40	
asc. node	-3282 Jul 20 j 08:51	11°♊54'18		
	-3282 Jul 31 j 20:25	0°♋		
morning set	-3282 Aug 03 j 20:21	5°♋27'35		
superior conj	-3282 Aug 14 j 10:01	24°♋26'37	1°34'06	
minimum elong	-3282 Aug 14 j 14:17	24°♋45'11	1°33'53	
	-3282 Aug 17 j 15:28	0°♌		
max. Earth dist.	-3282 Aug 21 j 20:07	7°♌01'58	1.42283 AU	
evening rise	-3282 Aug 28 j 12:07	17°♌48'35		
desc. node	-3282 Aug 31 j 07:43	22°♌13'54		
	-3282 Sep 05 j 09:10	0°♍		
greatest brilliancy	-3282 Sep 24 j 20:06	27°♍21'48	-0.4m	
	-3282 Sep 27 j 01:13	0°♎		
evening max el	-3282 Sep 29 j 15:03	2°♎47'49	22°00'00	
retrograde	-3282 Oct 08 j 20:53	8°♎17'35		
evening set	-3282 Oct 13 j 05:10	6°♎35'01		
asc. node	-3282 Oct 16 j 07:53	3°♎18'49		
inferior conj	-3282 Oct 18 j 14:07	0°♎16'55	0°46'15	
minimum elong	-3282 Oct 18 j 13:04	0°♎20'35	0°45'49	
min. Earth dist.	-3282 Oct 18 j 16:39	0°♎08'09	0.67396 AU	
	-3282 Oct 18 j 19:01	30°℞♍		
morning rise	-3282 Oct 23 j 20:45	24°♍00'25		
direct	-3282 Oct 28 j 14:11	22°♍03'32		
morning max el	-3282 Nov 07 j 10:51	27°♍56'07	22°47'03	
	-3282 Nov 09 j 09:27	0°♎		
greatest brilliancy	-3282 Nov 12 j 04:58	3°♎16'38	-0.3m	
desc. node	-3282 Nov 27 j 07:21	24°♎00'38		
	-3282 Dec 01 j 06:52	0°♏		
morning set	-3282 Dec 11 j 11:21	16°♏07'43		
max. Earth dist.	-3282 Dec 16 j 10:49	24°♏28'02	1.40205 AU	
	-3282 Dec 19 j 15:32	0°♐		
superior conj	-3282 Dec 24 j 04:57	8°♐08'38	-1°-56'-7	
minimum elong	-3282 Dec 24 j 05:04	8°♐09'10	1°56'15	
evening rise	-3281 Jan 03 j 00:11	26°♐29'39		
	-3281 Jan 04 j 20:36	0°♑		
asc. node	-3281 Jan 12 j 06:59	13°♑17'27		
evening max el	-3281 Jan 19 j 05:15	22°♑29'47	18°24'37	
retrograde	-3281 Jan 26 j 14:58	26°♑08'42		
evening set	-3281 Jan 29 j 02:47	25°♑45'05		
inferior conj	-3281 Feb 05 j 10:28	21°♑08'46	3°48'03	
minimum elong	-3281 Feb 05 j 12:58	21°♑03'36	3°47'41	
min. Earth dist.	-3281 Feb 08 j 20:00	18°♑22'30	0.59098 AU	
morning rise	-3281 Feb 12 j 19:42	15°♑41'24		
direct	-3281 Feb 19 j 03:20	13°♑56'45		
desc. node	-3281 Feb 23 j 06:34	14°♑39'52		
morning max el	-3281 Mar 05 j 09:49	21°♑33'20	26°51'39	
	-3281 Mar 12 j 19:18	0°♒		
	-3281 Mar 31 j 03:51	0°♓		
morning set	-3281 Apr 04 j 09:59	8°♓36'37		
asc. node	-3281 Apr 10 j 06:26	21°♓10'05		
superior conj	-3281 Apr 11 j 12:19	23°♓53'43	0°13'03	
minimum elong	-3281 Apr 11 j 11:45	23°♓50'33	0°12'54	
behind sun begin	-3281 Apr 11 j 08:51	23°♓34'42		
behind sun end	-3281 Apr 11 j 14:38	24°♓06'24		
max. Earth dist.	-3281 Apr 11 j 09:46	23°♓39'43	1.32537 AU	
	-3281 Apr 14 j 07:21	0°♈		
evening rise	-3281 Apr 18 j 12:44	9°♈01'57		
	-3281 Apr 29 j 11:50	0°♉		

evening max el	-3281 May 17 j 14:29	24°♉32'10	26°21'12	
desc. node	-3281 May 22 j 05:26	28°♉22'16		
	-3281 May 24 j 21:27	0°♊		
retrograde	-3281 May 31 j 16:24	1°♊50'07		
evening set	-3281 Jun 07 j 00:26	0°♊09'18		
	-3281 Jun 07 j 07:28	30°℞♉		
min. Earth dist.	-3281 Jun 11 j 03:34	27°♉28'57	0.59538 AU	
inferior conj	-3281 Jun 14 j 12:33	24°♉50'36	-4°-23'-11	
minimum elong	-3281 Jun 14 j 11:59	24°♉51'42	4°23'06	
morning rise	-3281 Jun 22 j 03:09	20°♉16'34		
direct	-3281 Jun 24 j 14:31	19°♉54'46		
morning max el	-3281 Jul 02 j 05:37	23°♉34'27	18°21'55	
asc. node	-3281 Jul 07 j 05:53	29°♉40'25		
	-3281 Jul 07 j 11:13	0°♊		
morning set	-3281 Jul 18 j 06:24	19°♊00'57		
	-3281 Jul 24 j 01:05	0°♋		
superior conj	-3281 Jul 27 j 14:32	6°♋37'12	1°46'47	
minimum elong	-3281 Jul 27 j 16:11	6°♋44'45	1°46'50	
max. Earth dist.	-3281 Aug 04 j 01:06	19°♋51'06	1.40440 AU	
evening rise	-3281 Aug 08 j 17:46	27°♋46'05		
	-3281 Aug 10 j 02:23	0°♌		
desc. node	-3281 Aug 18 j 04:42	12°♌47'57		
	-3281 Aug 29 j 23:55	0°♍		
evening max el	-3281 Sep 12 j 05:26	16°♍15'02	23°19'52	
retrograde	-3281 Sep 22 j 14:05	22°♍22'53		
evening set	-3281 Sep 27 j 12:13	20°♍21'03		
inferior conj	-3281 Oct 02 j 20:49	13°♍59'55	0°-6'-58	
minimum elong	-3281 Oct 02 j 20:58	13°♍59'22	0°06'53	
transit middle	-3281 Oct 02 j 20:58	13°♍59'22	0°06'53	
transit begin	-3281 Oct 02 j 18:31	14°♍07'47		
transit end	-3281 Oct 02 j 23:26	13°♍50'56		
min. Earth dist.	-3281 Oct 02 j 13:10	14°♍26'10	0.67451 AU	
asc. node	-3281 Oct 03 j 04:57	13°♍32'00		
morning rise	-3281 Oct 08 j 05:46	7°♍46'42		
direct	-3281 Oct 12 j 09:09	6°♍11'13		
morning max el	-3281 Oct 21 j 02:13	11°♍19'46	21°24'17	
greatest brilliancy	-3281 Oct 26 j 08:06	17°♍23'21	-0.4m	
	-3281 Nov 04 j 13:10	0°♎		
desc. node	-3281 Nov 14 j 04:21	14°♎19'00		
morning set	-3281 Nov 21 j 00:45	24°♎56'04		
	-3281 Nov 24 j 05:14	0°♏		
max. Earth dist.	-3281 Nov 28 j 12:30	6°♏59'00	1.42160 AU	
superior conj	-3281 Dec 05 j 20:44	19°♏20'09	-1°-50'-5	
minimum elong	-3281 Dec 05 j 17:09	19°♏04'42	1°50'01	
	-3281 Dec 11 j 22:31	0°♐		
evening rise	-3281 Dec 17 j 01:22	9°♐14'21		
	-3281 Dec 29 j 04:19	0°♑		
asc. node	-3281 Dec 30 j 04:01	1°♑23'16		
evening max el	-3280 Jan 02 j 15:01	5°♑29'34	18°08'51	
retrograde	-3280 Jan 09 j 09:23	8°♑57'26		
evening set	-3280 Jan 12 j 00:19	8°♑26'33		
inferior conj	-3280 Jan 18 j 18:33	3°♑28'13	4°00'57	
minimum elong	-3280 Jan 18 j 18:23	3°♑28'36	4°00'51	
min. Earth dist.	-3280 Jan 21 j 21:22	0°♑32'12	0.61129 AU	
	-3280 Jan 22 j 11:52	30°℞♐		
morning rise	-3280 Jan 25 j 09:54	27°♐43'47		
direct	-3280 Feb 01 j 08:04	25°♐23'42		
desc. node	-3280 Feb 10 j 03:38	28°♐39'47		
	-3280 Feb 11 j 22:36	0°♑		
morning max el	-3280 Feb 15 j 10:27	3°♑07'06	27°34'53	
	-3280 Mar 06 j 05:48	0°♒		
morning set	-3280 Mar 18 j 16:48	23°♒19'43		
	-3280 Mar 21 j 21:15	0°♓		
max. Earth dist.	-3280 Mar 24 j 22:07	6°♓32'30	1.32621 AU	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3280 Mar 25 j 23:31	8°♓50'52	0°-12'-10
minimum elong	-3280 Mar 26 j 00:04	8°♓53'53	0°12'07
behind sun begin	-3280 Mar 25 j 20:48	8°♓36'01	
behind sun end	-3280 Mar 26 j 03:21	9°♓11'46	
asc. node	-3280 Mar 27 j 03:25	11°♓23'08	
evening rise	-3280 Apr 01 j 23:34	23°♓59'09	
	-3280 Apr 04 j 21:30	0°♈	
	-3280 Apr 23 j 04:28	0°♉	
evening max el	-3280 Apr 28 j 09:15	5°♉41'39	25°05'34
desc. node	-3280 May 08 j 02:31	12°♉06'30	
retrograde	-3280 May 12 j 10:15	12°♉49'57	
evening set	-3280 May 17 j 14:52	11°♉47'46	
min. Earth dist.	-3280 May 22 j 21:28	8°♉56'50	0.57577 AU
inferior conj	-3280 May 25 j 22:58	6°♉52'23	-4°00'-23
minimum elong	-3280 May 25 j 18:40	6°♉59'43	3°59'43
morning rise	-3280 Jun 03 j 02:31	2°♉39'03	
direct	-3280 Jun 05 j 14:10	2°♉20'44	
morning max el	-3280 Jun 14 j 08:37	6°♉26'43	19°04'26
asc. node	-3280 Jun 23 j 02:54	18°♉11'56	
	-3280 Jun 29 j 12:42	0°♊	
morning set	-3280 Jul 01 j 02:45	3°♊06'36	
superior conj	-3280 Jul 09 j 13:51	19°♊45'04	1°48'26
minimum elong	-3280 Jul 09 j 13:16	19°♊42'11	1°48'31
	-3280 Jul 15 j 00:41	0°♋	
max. Earth dist.	-3280 Jul 16 j 03:08	2°♋00'25	1.38481 AU
evening rise	-3280 Jul 20 j 01:26	8°♋58'45	
	-3280 Aug 01 j 23:19	0°♌	
desc. node	-3280 Aug 04 j 01:42	3°♌09'50	
evening max el	-3280 Aug 24 j 16:57	29°♌45'17	24°39'33
	-3280 Aug 24 j 22:56	0°♍	
retrograde	-3280 Sep 05 j 03:24	6°♍25'58	
evening set	-3280 Sep 10 j 16:36	4°♍05'14	
	-3280 Sep 14 j 09:28	30°℞♌	
min. Earth dist.	-3280 Sep 15 j 08:15	28°♌45'13	0.67198 AU
inferior conj	-3280 Sep 16 j 02:23	27°♌44'42	-1°00'-49
minimum elong	-3280 Sep 16 j 03:50	27°♌39'53	1°00'10
asc. node	-3280 Sep 19 j 02:02	23°♌59'25	
morning rise	-3280 Sep 21 j 15:22	21°♌38'02	
direct	-3280 Sep 25 j 06:33	20°♌22'00	
morning max el	-3280 Oct 03 j 00:43	24°♌52'09	20°11'44
	-3280 Oct 07 j 10:37	0°♍	
greatest brilliancy	-3280 Oct 10 j 00:13	3°♍23'56	-0.6m
	-3280 Oct 27 j 22:23	0°♎	
morning set	-3280 Oct 29 j 22:52	3°♎07'14	
desc. node	-3280 Oct 31 j 01:21	4°♎49'54	
max. Earth dist.	-3280 Nov 09 j 22:12	20°♎22'45	1.43705 AU
superior conj	-3280 Nov 15 j 09:55	29°♎16'08	-1°-28'-5
minimum elong	-3280 Nov 15 j 03:00	28°♎47'49	1°27'31
	-3280 Nov 15 j 20:36	0°♏	
evening rise	-3280 Nov 28 j 09:38	21°♏11'11	
	-3280 Dec 03 j 12:08	0°♐	
evening max el	-3280 Dec 16 j 03:25	18°♐43'59	18°12'24
asc. node	-3280 Dec 16 j 01:03	18°♐37'59	
retrograde	-3280 Dec 22 j 16:14	22°♐13'38	
evening set	-3280 Dec 25 j 10:38	21°♐34'26	
inferior conj	-3280 Dec 31 j 18:10	16°♐15'01	3°51'05
minimum elong	-3280 Dec 31 j 16:07	16°♐20'32	3°50'44
min. Earth dist.	-3279 Jan 03 j 07:44	13°♐31'04	0.63016 AU
morning rise	-3279 Jan 06 j 19:51	10°♐18'27	
direct	-3279 Jan 13 j 21:04	7°♐35'39	
desc. node	-3279 Jan 27 j 00:44	14°♐42'21	
morning max el	-3279 Jan 27 j 16:36	15°♐20'55	27°41'53
	-3279 Feb 08 j 17:36	0°♑	
	-3279 Feb 26 j 19:24	0°♒	
morning set	-3279 Mar 02 j 17:51	7°♒42'16	
max. Earth dist.	-3279 Mar 08 j 05:57	19°♒06'57	1.33074 AU
superior conj	-3279 Mar 10 j 08:32	23°♒37'52	0°-37'-31
minimum elong	-3279 Mar 10 j 10:14	23°♒46'58	0°37'16
	-3279 Mar 13 j 07:16	0°♓	
asc. node	-3279 Mar 14 j 00:26	1°♓32'40	
evening rise	-3279 Mar 17 j 11:17	8°♓55'10	
	-3279 Mar 28 j 13:08	0°♈	
evening max el	-3279 Apr 10 j 00:58	16°♈26'01	23°33'50
retrograde	-3279 Apr 23 j 15:34	23°♈12'18	
desc. node	-3279 Apr 24 j 23:35	23°♈08'19	
evening set	-3279 Apr 27 j 11:46	22°♈39'54	
min. Earth dist.	-3279 May 04 j 11:57	19°♈25'43	0.56027 AU
inferior conj	-3279 May 06 j 13:24	18°♈11'45	-2°-58'00
minimum elong	-3279 May 06 j 07:13	18°♈21'03	2°56'22
morning rise	-3279 May 15 j 06:09	14°♈13'07	
direct	-3279 May 17 j 19:06	13°♈56'58	
morning max el	-3279 May 28 j 02:10	18°♈43'36	20°07'28
	-3279 Jun 05 j 19:46	0°♉	
asc. node	-3279 Jun 09 j 23:57	7°♉18'14	
morning set	-3279 Jun 15 j 06:21	17°♉36'42	
	-3279 Jun 21 j 08:04	0°♊	
superior conj	-3279 Jun 23 j 02:52	3°♊36'09	1°41'40
minimum elong	-3279 Jun 23 j 00:51	3°♊26'05	1°41'39
max. Earth dist.	-3279 Jun 28 j 07:50	13°♊49'22	1.36644 AU
evening rise	-3279 Jul 02 j 08:25	21°♊20'54	
	-3279 Jul 07 j 05:23	0°♋	
desc. node	-3279 Jul 21 j 22:42	23°♋13'36	
	-3279 Jul 26 j 20:13	0°♌	
evening max el	-3279 Aug 07 j 03:51	13°♌17'43	25°51'20
retrograde	-3279 Aug 19 j 12:12	20°♌22'18	
evening set	-3279 Aug 25 j 16:22	17°♌45'35	
min. Earth dist.	-3279 Aug 29 j 23:26	13°♌03'08	0.66618 AU
inferior conj	-3279 Aug 31 j 05:03	11°♌29'04	-1°-53'-36
minimum elong	-3279 Aug 31 j 07:42	11°♌20'39	1°52'31
morning rise	-3279 Sep 05 j 23:43	5°♌32'14	
asc. node	-3279 Sep 05 j 23:09	5°♌33'06	
direct	-3279 Sep 09 j 04:50	4°♌32'37	
morning max el	-3279 Sep 16 j 06:26	8°♌33'13	19°12'54
	-3279 Oct 01 j 15:38	0°♍	
morning set	-3279 Oct 09 j 05:13	11°♍49'10	
desc. node	-3279 Oct 17 j 22:20	25°♍28'52	
	-3279 Oct 20 j 19:19	0°♎	
max. Earth dist.	-3279 Oct 23 j 13:59	4°♎22'46	1.44636 AU
superior conj	-3279 Oct 25 j 21:17	8°♎01'33	0°-49'-20
minimum elong	-3279 Oct 25 j 15:20	7°♎37'57	0°48'39
	-3279 Nov 08 j 12:28	0°♏	
evening rise	-3279 Nov 09 j 20:23	2°♏11'00	
	-3279 Nov 27 j 18:42	0°♐	
evening max el	-3279 Nov 29 j 15:41	2°♐06'17	18°34'26
asc. node	-3279 Dec 02 j 22:09	4°♐47'03	
retrograde	-3279 Dec 06 j 07:12	5°♐48'20	
evening set	-3279 Dec 09 j 06:15	4°♐59'25	
	-3279 Dec 14 j 16:24	30°℞♏	
inferior conj	-3279 Dec 15 j 05:32	29°♏21'23	3°25'27
minimum elong	-3279 Dec 15 j 02:34	29°♏30'09	3°24'42
min. Earth dist.	-3279 Dec 17 j 04:10	27°♏04'03	0.64602 AU
morning rise	-3279 Dec 20 j 21:40	23°♏15'43	
direct	-3279 Dec 27 j 17:04	20°♏25'15	
morning max el	-3278 Jan 10 j 01:56	28°♏06'24	27°14'10
	-3278 Jan 11 j 21:55	0°♐	
desc. node	-3278 Jan 13 j 21:49	2°♐12'48	
	-3278 Feb 02 j 11:01	0°♑	
morning set	-3278 Feb 14 j 10:08	21°♑33'43	
	-3278 Feb 18 j 15:36	0°♒	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3278 Feb 19 j 05:16	1°♒10'02	1.33939 AU
superior conj	-3278 Feb 22 j 13:24	8°♒07'17	-1°-2'00
minimum elong	-3278 Feb 22 j 16:03	8°♒21'19	1°01'38
asc. node	-3278 Feb 28 j 21:27	21°♒33'37	
evening rise	-3278 Mar 01 j 22:02	23°♒42'30	
	-3278 Mar 04 j 23:46	0°♓	
evening max el	-3278 Mar 22 j 19:39	27°♓11'04	22°00'16
	-3278 Mar 26 j 04:35	0°♈	
retrograde	-3278 Apr 04 j 09:31	3°♈17'45	
evening set	-3278 Apr 07 j 04:00	3°♈00'40	
desc. node	-3278 Apr 11 j 20:42	1°♈23'21	
	-3278 Apr 14 j 13:45	30°℞♓	
min. Earth dist.	-3278 Apr 16 j 01:38	29°♓10'03	0.55201 AU
inferior conj	-3278 Apr 16 j 12:22	28°♓54'56	-1°-17'-6
minimum elong	-3278 Apr 16 j 08:50	28°♓59'54	1°15'55
morning rise	-3278 Apr 25 j 15:01	24°♓57'04	
direct	-3278 Apr 28 j 09:22	24°♓39'59	
	-3278 May 10 j 00:49	0°♈	
morning max el	-3278 May 10 j 08:53	0°♈18'33	21°29'31
asc. node	-3278 May 27 j 21:00	26°♈49'50	
	-3278 May 29 j 10:45	0°♉	
morning set	-3278 May 30 j 14:45	2°♉23'35	
superior conj	-3278 Jun 07 j 01:26	17°♉57'48	1°28'43
minimum elong	-3278 Jun 06 j 22:50	17°♉44'16	1°28'31
max. Earth dist.	-3278 Jun 10 j 20:15	25°♉42'33	1.35092 AU
	-3278 Jun 13 j 00:01	0°♊	
evening rise	-3278 Jun 15 j 09:28	4°♊38'15	
	-3278 Jun 30 j 00:29	0°♋	
desc. node	-3278 Jul 08 j 19:43	12°♋51'21	
evening max el	-3278 Jul 20 j 15:08	26°♋47'12	26°47'16
	-3278 Jul 24 j 06:46	0°♌	
retrograde	-3278 Aug 02 j 16:09	4°♌05'45	
evening set	-3278 Aug 09 j 09:18	1°♌19'42	
	-3278 Aug 10 j 20:13	30°℞♋	
min. Earth dist.	-3278 Aug 13 j 08:28	27°♋15'53	0.65675 AU
inferior conj	-3278 Aug 15 j 02:50	25°♋10'22	-2°-43'-22
minimum elong	-3278 Aug 15 j 06:25	24°♋59'44	2°42'07
morning rise	-3278 Aug 21 j 04:41	19°♋26'32	
asc. node	-3278 Aug 23 j 20:16	18°♋40'17	
direct	-3278 Aug 24 j 02:04	18°♋39'57	
morning max el	-3278 Aug 30 j 17:45	22°♋20'05	18°29'49
	-3278 Sep 05 j 18:55	0°♌	
morning set	-3278 Sep 19 j 12:19	21°♌45'19	
	-3278 Sep 24 j 14:48	0°♍	
superior conj	-3278 Oct 04 j 20:53	16°♍18'56	0°00'-25
minimum elong	-3278 Oct 04 j 20:50	16°♍18'45	0°00'24
behind sun begin	-3278 Oct 04 j 09:33	15°♍34'12	
behind sun end	-3278 Oct 05 j 08:08	17°♍03'18	
desc. node	-3278 Oct 04 j 19:17	16°♍12'36	
max. Earth dist.	-3278 Oct 06 j 08:05	18°♍37'40	1.44853 AU
	-3278 Oct 13 j 13:36	0°♎	
evening rise	-3278 Oct 21 j 06:32	12°♎08'07	
	-3278 Nov 01 j 15:46	0°♏	
greatest brilliancy	-3278 Nov 02 j 05:34	0°♏52'56	-0.7m
evening max el	-3278 Nov 13 j 01:21	15°♏32'25	19°13'47
asc. node	-3278 Nov 19 j 19:15	19°♏35'14	
retrograde	-3278 Nov 20 j 02:45	19°♏35'47	
evening set	-3278 Nov 23 j 08:15	18°♏35'08	
inferior conj	-3278 Nov 29 j 01:20	12°♏41'38	2°48'59
minimum elong	-3278 Nov 28 j 22:17	12°♏51'21	2°48'00
min. Earth dist.	-3278 Nov 30 j 09:51	10°♏58'24	0.65830 AU
morning rise	-3278 Dec 04 j 11:27	6°♏29'32	
direct	-3278 Dec 10 j 19:27	3°♏44'30	
morning max el	-3278 Dec 23 j 11:39	11°♏10'56	26°17'59
desc. node	-3278 Dec 31 j 18:52	20°♏45'25	
	-3277 Jan 07 j 13:33	0°♐	
	-3277 Jan 26 j 00:27	0°♑	
morning set	-3277 Jan 28 j 13:47	4°♑42'32	
max. Earth dist.	-3277 Feb 01 j 17:01	12°♑37'28	1.35250 AU
superior conj	-3277 Feb 06 j 11:49	22°♑12'26	-1°-24'-12
minimum elong	-3277 Feb 06 j 15:02	22°♑28'57	1°23'53
	-3277 Feb 10 j 06:23	0°♒	
evening rise	-3277 Feb 14 j 06:00	8°♒15'24	
asc. node	-3277 Feb 15 j 18:29	11°♒21'29	
	-3277 Feb 26 j 03:21	0°♓	
evening max el	-3277 Mar 04 j 23:03	8°♓22'10	20°36'43
retrograde	-3277 Mar 15 j 23:14	13°♓36'57	
evening set	-3277 Mar 18 j 06:31	13°♓24'06	
inferior conj	-3277 Mar 27 j 07:52	9°♓26'25	0°40'13
minimum elong	-3277 Mar 27 j 09:41	9°♓23'48	0°39'32
min. Earth dist.	-3277 Mar 28 j 15:49	8°♓40'05	0.55304 AU
desc. node	-3277 Mar 29 j 17:50	8°♓03'04	
morning rise	-3277 Apr 05 j 11:02	5°♓10'30	
direct	-3277 Apr 08 j 21:34	4°♓44'45	
morning max el	-3277 Apr 22 j 05:46	11°♓15'07	23°05'12
	-3277 May 06 j 02:31	0°♈	
asc. node	-3277 May 14 j 18:01	16°♈39'46	
morning set	-3277 May 15 j 01:54	17°♈20'49	
	-3277 May 21 j 00:30	0°♉	
superior conj	-3277 May 22 j 06:28	2°♉40'08	1°11'12
minimum elong	-3277 May 22 j 03:55	2°♉26'29	1°10'52
max. Earth dist.	-3277 May 24 j 18:24	7°♉57'08	1.33910 AU
evening rise	-3277 May 29 j 23:41	18°♉36'28	
	-3277 Jun 04 j 23:36	0°♊	
	-3277 Jun 24 j 05:32	0°♋	
desc. node	-3277 Jun 25 j 16:46	1°♋51'32	
evening max el	-3277 Jul 03 j 02:17	10°♋03'59	27°19'48
retrograde	-3277 Jul 16 j 14:41	17°♋27'29	
evening set	-3277 Jul 23 j 16:28	14°♋42'42	
min. Earth dist.	-3277 Jul 27 j 09:14	11°♋15'25	0.64355 AU
inferior conj	-3277 Jul 29 j 17:20	8°♋43'38	-3°-27'-35
minimum elong	-3277 Jul 29 j 21:17	8°♋32'54	3°26'29
morning rise	-3277 Aug 05 j 03:48	3°♋15'51	
direct	-3277 Aug 07 j 19:48	2°♋39'05	
asc. node	-3277 Aug 10 j 17:22	3°♋22'25	
morning max el	-3277 Aug 14 j 08:10	6°♋07'11	18°03'46
	-3277 Aug 30 j 04:24	0°♌	
morning set	-3277 Aug 31 j 22:44	2°♌59'47	
superior conj	-3277 Sep 14 j 07:16	25°♌11'33	0°46'07
minimum elong	-3277 Sep 14 j 12:10	25°♌31'23	0°45'36
	-3277 Sep 17 j 07:00	0°♍	
max. Earth dist.	-3277 Sep 19 j 01:16	2°♍48'33	1.44348 AU
desc. node	-3277 Sep 21 j 16:14	6°♍57'46	
evening rise	-3277 Sep 30 j 18:56	21°♍10'30	
	-3277 Oct 06 j 12:42	0°♎	
greatest brilliancy	-3277 Oct 20 j 08:24	20°♎26'52	-0.6m
evening max el	-3277 Oct 27 j 06:23	28°♎59'09	20°08'43
	-3277 Oct 28 j 07:02	0°♏	
retrograde	-3277 Nov 03 j 23:57	3°♏31'20	
asc. node	-3277 Nov 06 j 16:22	2°♏49'36	
evening set	-3277 Nov 07 j 14:07	2°♏16'23	
	-3277 Nov 10 j 01:44	30°℞♎	
inferior conj	-3277 Nov 13 j 02:49	26°♎10'47	2°05'02
minimum elong	-3277 Nov 13 j 00:15	26°♎19'22	2°04'04
min. Earth dist.	-3277 Nov 13 j 22:42	25°♎04'19	0.66703 AU
morning rise	-3277 Nov 18 j 09:46	19°♎54'54	
direct	-3277 Nov 24 j 03:24	17°♎24'50	
morning max el	-3277 Dec 05 j 20:20	24°♎22'35	25°02'13

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3277 Dec 10 j 22:08	0°♏	
desc. node	-3277 Dec 18 j 15:53	10°♏01'20	
	-3276 Jan 01 j 00:17	0°♐	
morning set	-3276 Jan 10 j 23:35	16°♐53'08	
max. Earth dist.	-3276 Jan 14 j 17:36	23°♐42'16	1.36984 AU
	-3276 Jan 18 j 01:46	0°♑	
superior conj	-3276 Jan 21 j 00:46	5°♑44'32	-1°-42'-19
minimum elong	-3276 Jan 21 j 03:48	5°♑59'27	1°42'11
evening rise	-3276 Jan 29 j 09:00	22°♑27'14	
	-3276 Feb 02 j 04:54	0°♒	
asc. node	-3276 Feb 02 j 15:32	0°♒50'48	
evening max el	-3276 Feb 15 j 13:16	20°♒09'54	19°29'58
retrograde	-3276 Feb 24 j 21:00	24°♒35'56	
evening set	-3276 Feb 27 j 04:08	24°♒21'01	
inferior conj	-3276 Mar 06 j 13:56	20°♒15'12	2°21'14
minimum elong	-3276 Mar 06 j 18:45	20°♒07'24	2°19'48
min. Earth dist.	-3276 Mar 09 j 06:36	18°♒30'58	0.56307 AU
morning rise	-3276 Mar 15 j 05:43	15°♒30'01	
desc. node	-3276 Mar 15 j 14:56	15°♒22'30	
direct	-3276 Mar 19 j 19:32	14°♒42'31	
morning max el	-3276 Apr 02 j 21:02	21°♒50'22	24°44'12
	-3276 Apr 09 j 23:56	0°♓	
	-3276 Apr 27 j 10:40	0°♈	
morning set	-3276 Apr 28 j 14:05	2°♈22'54	
asc. node	-3276 Apr 30 j 15:01	6°♈42'36	
superior conj	-3276 May 05 j 15:36	17°♈35'30	0°50'22
minimum elong	-3276 May 05 j 13:34	17°♈24'28	0°50'00
max. Earth dist.	-3276 May 07 j 01:09	20°♈36'58	1.33103 AU
	-3276 May 11 j 11:25	0°♉	
evening rise	-3276 May 12 j 23:11	3°♉03'46	
	-3276 May 27 j 19:07	0°♊	
desc. node	-3276 Jun 11 j 13:50	19°♊58'25	
evening max el	-3276 Jun 14 j 11:27	22°♊56'18	27°22'44
	-3276 Jun 25 j 16:09	0°♋	
retrograde	-3276 Jun 28 j 06:58	0°♋18'48	
	-3276 Jun 30 j 20:03	30°℞♊	
evening set	-3276 Jul 05 j 10:19	27°♊48'43	
min. Earth dist.	-3276 Jul 09 j 00:21	24°♊50'44	0.62677 AU
inferior conj	-3276 Jul 11 j 21:42	22°♊03'00	-4°-2'-25
minimum elong	-3276 Jul 12 j 01:03	21°♊54'52	4°01'47
morning rise	-3276 Jul 18 j 18:06	16°♊54'16	
direct	-3276 Jul 21 j 07:02	16°♊24'34	
asc. node	-3276 Jul 27 j 14:24	19°♊28'16	
morning max el	-3276 Jul 27 j 23:04	19°♊49'05	17°55'45
	-3276 Aug 04 j 11:49	0°♋	
morning set	-3276 Aug 13 j 07:57	15°♋20'01	
	-3276 Aug 21 j 16:08	0°♌	
superior conj	-3276 Aug 24 j 19:12	5°♌20'27	1°20'45
minimum elong	-3276 Aug 25 j 00:35	5°♌43'13	1°20'18
max. Earth dist.	-3276 Aug 31 j 15:16	16°♌40'04	1.43194 AU
desc. node	-3276 Sep 07 j 13:12	27°♌41'26	
evening rise	-3276 Sep 08 j 23:36	29°♌55'44	
	-3276 Sep 09 j 00:41	0°♍	
	-3276 Sep 29 j 05:42	0°♎	
greatest brilliancy	-3276 Oct 03 j 23:43	6°♎20'16	-0.4m
evening max el	-3276 Oct 09 j 05:33	12°♎25'47	21°16'34
retrograde	-3276 Oct 17 j 20:46	17°♎32'51	
evening set	-3276 Oct 21 j 21:52	16°♎00'58	
asc. node	-3276 Oct 23 j 13:27	14°♎30'51	
inferior conj	-3276 Oct 27 j 07:46	9°♎46'35	1°16'01
minimum elong	-3276 Oct 27 j 06:05	9°♎52'23	1°15'20
min. Earth dist.	-3276 Oct 27 j 16:23	9°♎17'01	0.67242 AU
morning rise	-3276 Nov 01 j 13:57	3°♎29'40	
direct	-3276 Nov 06 j 16:13	1°♎20'00	
morning max el	-3276 Nov 17 j 05:13	7°♎37'24	23°36'47
desc. node	-3276 Dec 04 j 12:52	29°♎48'11	
	-3276 Dec 04 j 16:08	0°♏	
morning set	-3276 Dec 22 j 09:17	27°♏48'54	
	-3276 Dec 23 j 16:06	0°♐	
max. Earth dist.	-3276 Dec 26 j 13:10	4°♐59'23	1.39014 AU
superior conj	-3275 Jan 03 j 00:19	18°♐32'39	-1°-53'-48
minimum elong	-3275 Jan 03 j 01:57	18°♐40'18	1°53'53
	-3275 Jan 09 j 00:08	0°♑	
evening rise	-3275 Jan 12 j 04:33	6°♑11'23	
asc. node	-3275 Jan 19 j 12:34	19°♑54'39	
	-3275 Jan 26 j 05:29	0°♒	
evening max el	-3275 Jan 28 j 13:05	2°♒31'28	18°42'39
retrograde	-3275 Feb 05 j 12:13	6°♒22'54	
evening set	-3275 Feb 07 j 22:25	6°♒02'48	
inferior conj	-3275 Feb 15 j 15:03	1°♒38'31	3°26'53
minimum elong	-3275 Feb 15 j 19:00	1°♒31'02	3°26'06
	-3275 Feb 17 j 19:16	30°℞♑	
min. Earth dist.	-3275 Feb 18 j 23:02	29°♑09'14	0.57976 AU
morning rise	-3275 Feb 23 j 11:52	26°♑24'51	
direct	-3275 Mar 01 j 06:19	25°♑02'52	
desc. node	-3275 Mar 02 j 12:02	25°♑06'39	
	-3275 Mar 12 j 17:02	0°♒	
morning max el	-3275 Mar 15 j 12:51	2°♒31'21	26°12'05
	-3275 Apr 04 j 03:52	0°♓	
morning set	-3275 Apr 13 j 01:36	17°♓22'52	
asc. node	-3275 Apr 17 j 12:00	26°♓52'47	
	-3275 Apr 18 j 22:18	0°♈	
superior conj	-3275 Apr 20 j 02:50	2°♈36'11	0°27'09
minimum elong	-3275 Apr 20 j 01:40	2°♈29'45	0°26'53
max. Earth dist.	-3275 Apr 20 j 13:08	3°♈32'29	1.32650 AU
evening rise	-3275 Apr 27 j 04:53	17°♈48'56	
	-3275 May 03 j 08:19	0°♉	
	-3275 May 22 j 19:38	0°♊	
evening max el	-3275 May 27 j 15:54	5°♊10'44	26°52'49
desc. node	-3275 May 29 j 10:54	6°♊48'29	
retrograde	-3275 Jun 10 j 15:44	12°♊30'12	
evening set	-3275 Jun 17 j 10:34	10°♊28'22	
min. Earth dist.	-3275 Jun 21 j 05:25	7°♊46'40	0.60724 AU
inferior conj	-3275 Jun 24 j 12:29	4°♊59'06	-4°-22'-2
minimum elong	-3275 Jun 24 j 13:48	4°♊56'19	4°21'53
morning rise	-3275 Jul 01 j 20:05	0°♊12'02	
	-3275 Jul 02 j 13:29	30°℞♉	
direct	-3275 Jul 04 j 07:50	29°♉47'35	
	-3275 Jul 06 j 01:30	0°♊	
morning max el	-3275 Jul 11 j 11:35	3°♊18'04	18°06'43
asc. node	-3275 Jul 14 j 11:25	6°♊41'34	
morning set	-3275 Jul 27 j 10:17	28°♊29'51	
	-3275 Jul 28 j 05:39	0°♋	
superior conj	-3275 Aug 06 j 10:09	16°♋49'41	1°41'02
minimum elong	-3275 Aug 06 j 13:20	17°♋03'50	1°40'56
max. Earth dist.	-3275 Aug 13 j 23:57	29°♋55'51	1.41534 AU
	-3275 Aug 14 j 00:56	0°♌	
evening rise	-3275 Aug 19 j 15:58	9°♌14'49	
desc. node	-3275 Aug 25 j 10:11	18°♌19'58	
	-3275 Sep 02 j 03:51	0°♍	
greatest brilliancy	-3275 Sep 17 j 04:12	20°♍30'53	-0.3m
evening max el	-3275 Sep 21 j 22:45	25°♍52'11	22°33'33
	-3275 Sep 26 j 20:44	0°♎	
retrograde	-3275 Oct 01 j 15:36	1°♎37'51	
	-3275 Oct 05 j 23:10	30°℞♍	
evening set	-3275 Oct 06 j 05:43	29°♍47'00	
asc. node	-3275 Oct 10 j 10:31	25°♍02'44	
inferior conj	-3275 Oct 11 j 14:20	23°♍27'20	0°23'51

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3275 Oct 11 j 13:47	23°♍29'15	0°23'38
min. Earth dist.	-3275 Oct 11 j 12:29	23°♍33'42	0.67461 AU
morning rise	-3275 Oct 16 j 21:46	17°♍12'07	
direct	-3275 Oct 21 j 09:04	15°♍24'32	
morning max el	-3275 Oct 30 j 17:26	20°♍57'22	22°11'00
greatest brilliancy	-3275 Nov 04 j 11:02	26°♍18'35	-0.4m
	-3275 Nov 07 j 08:47	0°♎	
desc. node	-3275 Nov 21 j 09:51	19°♎57'11	
	-3275 Nov 27 j 23:11	0°♏	
morning set	-3275 Dec 02 j 14:25	7°♏21'17	
max. Earth dist.	-3275 Dec 08 j 11:47	17°♏02'17	1.41075 AU
superior conj	-3275 Dec 16 j 05:25	0°♐23'56	-1°-55'-18
minimum elong	-3275 Dec 16 j 04:05	0°♐18'01	1°55'23
	-3275 Dec 16 j 00:01	0°♐	
evening rise	-3275 Dec 26 j 13:36	19°♐20'54	
	-3274 Jan 01 j 08:41	0°♑	
asc. node	-3274 Jan 06 j 09:37	8°♑24'57	
evening max el	-3274 Jan 11 j 20:02	15°♑19'50	18°15'24
retrograde	-3274 Jan 18 j 21:55	18°♑52'33	
evening set	-3274 Jan 21 j 11:05	18°♑25'55	
inferior conj	-3274 Jan 28 j 12:38	13°♑39'51	3°56'51
minimum elong	-3274 Jan 28 j 13:58	13°♑36'56	3°56'40
min. Earth dist.	-3274 Jan 31 j 20:19	10°♑46'45	0.59966 AU
morning rise	-3274 Feb 04 j 13:49	8°♑04'24	
direct	-3274 Feb 11 j 04:55	6°♑04'00	
desc. node	-3274 Feb 17 j 09:07	7°♑40'19	
morning max el	-3274 Feb 25 j 10:08	13°♑43'33	27°14'25
	-3274 Mar 10 j 10:39	0°♒	
	-3274 Mar 27 j 08:37	0°♓	
morning set	-3274 Mar 28 j 10:44	2°♓14'28	
max. Earth dist.	-3274 Apr 04 j 02:35	16°♓30'55	1.32535 AU
asc. node	-3274 Apr 04 j 09:01	17°♓06'07	
superior conj	-3274 Apr 04 j 14:32	17°♓36'22	0°02'26
minimum elong	-3274 Apr 04 j 14:26	17°♓35'45	0°02'23
behind sun begin	-3274 Apr 04 j 09:28	17°♓08'35	
behind sun end	-3274 Apr 04 j 19:24	18°♓02'56	
	-3274 Apr 10 j 07:29	0°♈	
evening rise	-3274 Apr 11 j 14:27	2°♈43'48	
	-3274 Apr 26 j 09:47	0°♉	
evening max el	-3274 May 09 j 13:50	16°♉41'31	25°51'41
desc. node	-3274 May 16 j 07:58	21°♉50'55	
retrograde	-3274 May 23 j 15:43	23°♉56'17	
evening set	-3274 May 29 j 13:36	22°♉31'54	
min. Earth dist.	-3274 Jun 03 j 02:13	19°♉49'11	0.58680 AU
inferior conj	-3274 Jun 06 j 10:04	17°♉22'37	-4°-17'-48
minimum elong	-3274 Jun 06 j 07:55	17°♉26'37	4°17'35
morning rise	-3274 Jun 14 j 06:07	12°♉58'05	
direct	-3274 Jun 16 j 17:42	12°♉37'47	
morning max el	-3274 Jun 24 j 18:56	16°♉26'26	18°37'33
asc. node	-3274 Jul 01 j 08:27	24°♉47'57	
	-3274 Jul 04 j 11:21	0°♊	
morning set	-3274 Jul 11 j 01:05	12°♊17'25	
superior conj	-3274 Jul 19 j 23:20	29°♊26'12	1°48'40
minimum elong	-3274 Jul 19 j 23:56	29°♊29'02	1°48'46
	-3274 Jul 20 j 06:34	0°♋	
max. Earth dist.	-3274 Jul 27 j 03:15	12°♋26'49	1.39601 AU
evening rise	-3274 Jul 31 j 08:30	19°♋42'44	
	-3274 Aug 06 j 15:01	0°♌	
desc. node	-3274 Aug 12 j 07:11	8°♌49'09	
	-3274 Aug 27 j 09:08	0°♍	
evening max el	-3274 Sep 04 j 11:26	9°♍19'34	23°54'14
retrograde	-3274 Sep 15 j 07:20	15°♍42'37	
evening set	-3274 Sep 20 j 11:52	13°♍32'16	
inferior conj	-3274 Sep 25 j 20:45	7°♍10'48	0°-29'-50
minimum elong	-3274 Sep 25 j 21:27	7°♍08'25	0°29'30
min. Earth dist.	-3274 Sep 25 j 08:37	7°♍52'05	0.67376 AU
asc. node	-3274 Sep 27 j 07:36	5°♍14'06	
morning rise	-3274 Oct 01 j 07:14	1°♍00'13	
	-3274 Oct 03 j 00:51	30°℞♌	
direct	-3274 Oct 05 j 05:06	29°♌33'33	
	-3274 Oct 07 j 11:48	0°♍	
morning max el	-3274 Oct 13 j 11:51	4°♍24'56	20°52'02
greatest brilliancy	-3274 Oct 19 j 08:06	11°♍18'26	-0.5m
	-3274 Nov 01 j 11:07	0°♎	
desc. node	-3274 Nov 08 j 06:50	10°♎21'16	
morning set	-3274 Nov 11 j 18:55	15°♎46'45	
max. Earth dist.	-3274 Nov 20 j 17:09	29°♎57'52	1.42877 AU
	-3274 Nov 20 j 17:41	0°♏	
superior conj	-3274 Nov 27 j 10:18	11°♏03'50	-1°-42'-53
minimum elong	-3274 Nov 27 j 05:02	10°♏41'43	1°42'35
	-3274 Dec 08 j 08:11	0°♐	
evening rise	-3274 Dec 09 j 08:12	1°♐46'44	
asc. node	-3274 Dec 24 j 06:41	26°♐10'43	
evening max el	-3274 Dec 26 j 07:14	28°♐26'26	18°07'57
	-3274 Dec 28 j 01:33	0°♑	
retrograde	-3273 Jan 01 j 22:20	1°♑54'01	
evening set	-3273 Jan 04 j 14:31	1°♑19'52	
	-3273 Jan 06 j 22:03	30°℞♐	
inferior conj	-3273 Jan 11 j 03:53	26°♐12'19	3°59'05
minimum elong	-3273 Jan 11 j 02:48	26°♐15'02	3°58'55
min. Earth dist.	-3273 Jan 14 j 01:30	23°♐18'58	0.61960 AU
morning rise	-3273 Jan 17 j 12:51	20°♐21'52	
direct	-3273 Jan 24 j 13:24	17°♐50'20	
desc. node	-3273 Feb 04 j 06:12	22°♐36'51	
morning max el	-3273 Feb 07 j 13:38	25°♐35'49	27°42'17
	-3273 Feb 11 j 16:09	0°♑	
	-3273 Mar 03 j 20:26	0°♒	
morning set	-3273 Mar 12 j 15:26	16°♒49'56	
max. Earth dist.	-3273 Mar 18 j 13:29	29°♒17'14	1.32767 AU
	-3273 Mar 18 j 21:24	0°♓	
superior conj	-3273 Mar 20 j 01:02	2°♓29'41	0°-22'-59
minimum elong	-3273 Mar 20 j 02:05	2°♓35'22	0°22'49
asc. node	-3273 Mar 22 j 06:04	7°♓18'06	
evening rise	-3273 Mar 27 j 01:53	17°♓40'52	
	-3273 Apr 02 j 04:55	0°♈	
evening max el	-3273 Apr 21 j 06:29	27°♈36'36	24°27'34
	-3273 Apr 23 j 23:46	0°♉	
desc. node	-3273 May 03 j 05:03	4°♉29'15	
retrograde	-3273 May 05 j 04:53	4°♉38'25	
evening set	-3273 May 09 j 19:34	3°♉50'28	
min. Earth dist.	-3273 May 15 j 18:21	0°♉50'52	0.56842 AU
	-3273 May 17 j 02:25	30°℞♈	
inferior conj	-3273 May 18 j 11:50	29°♈06'05	-3°-39'-5
minimum elong	-3273 May 18 j 06:19	29°♈14'59	3°37'57
morning rise	-3273 May 26 j 21:10	25°♈00'26	
direct	-3273 May 29 j 08:56	24°♈43'25	
morning max el	-3273 Jun 07 j 18:17	29°♈05'02	19°28'53
	-3273 Jun 08 j 16:49	0°♉	
asc. node	-3273 Jun 18 j 05:31	13°♉35'22	
morning set	-3273 Jun 25 j 00:51	26°♉34'05	
	-3273 Jun 26 j 17:57	0°♊	
superior conj	-3273 Jul 03 j 05:06	12°♊54'19	1°46'26
minimum elong	-3273 Jul 03 j 03:47	12°♊47'55	1°46'31
max. Earth dist.	-3273 Jul 09 j 05:14	24°♊22'31	1.37662 AU
	-3273 Jul 12 j 07:18	0°♋	
evening rise	-3273 Jul 13 j 02:41	1°♋26'28	
desc. node	-3273 Jul 30 j 04:11	29°♋04'10	
	-3273 Jul 30 j 19:27	0°♌	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3273 Aug 17 j 22:18	22°♌50'28	25°11'36
retrograde	-3273 Aug 29 j 18:59	29°♌43'32	
evening set	-3273 Sep 04 j 14:34	27°♌15'22	
min. Earth dist.	-3273 Sep 09 j 02:25	22°♌10'57	0.66982 AU
inferior conj	-3273 Sep 10 j 01:19	20°♌55'51	-1°-23'-26
minimum elong	-3273 Sep 10 j 03:18	20°♌49'23	1°22'36
asc. node	-3273 Sep 14 j 04:41	16°♌04'32	
morning rise	-3273 Sep 15 j 16:31	14°♌52'53	
direct	-3273 Sep 19 j 03:02	13°♌44'22	
morning max el	-3273 Sep 26 j 13:34	18°♌01'22	19°44'54
greatest brilliancy	-3273 Oct 04 j 17:01	28°♌17'52	-0.6m
	-3273 Oct 05 j 21:31	0°♍	
morning set	-3273 Oct 21 j 17:35	24°♍02'38	
	-3273 Oct 25 j 13:29	0°♎	
desc. node	-3273 Oct 26 j 03:50	0°♎55'59	
max. Earth dist.	-3273 Nov 03 j 05:11	13°♎36'58	1.44178 AU
superior conj	-3273 Nov 07 j 11:47	20°♎27'23	-1°-13'-32
minimum elong	-3273 Nov 07 j 04:33	19°♎58'15	1°12'49
	-3273 Nov 13 j 08:23	0°♏	
evening rise	-3273 Nov 21 j 07:53	13°♏20'10	
	-3273 Dec 01 j 06:52	0°♐	
evening max el	-3273 Dec 09 j 19:55	11°♐44'55	18°19'34
asc. node	-3273 Dec 11 j 03:45	12°♐59'22	
retrograde	-3273 Dec 16 j 09:03	15°♐18'39	
evening set	-3273 Dec 19 j 05:10	14°♐35'40	
inferior conj	-3273 Dec 25 j 08:58	9°♐08'17	3°41'46
minimum elong	-3273 Dec 25 j 06:24	9°♐15'26	3°41'15
min. Earth dist.	-3273 Dec 27 j 16:19	6°♐33'58	0.63737 AU
morning rise	-3273 Dec 31 j 06:06	3°♐07'24	
direct	-3272 Jan 07 j 05:49	0°♐19'08	
morning max el	-3272 Jan 20 j 21:26	8°♐04'17	27°33'52
desc. node	-3272 Jan 22 j 03:17	9°♐20'14	
	-3272 Feb 06 j 21:58	0°♑	
	-3272 Feb 24 j 00:56	0°♒	
morning set	-3272 Feb 24 j 13:11	1°♒00'35	
max. Earth dist.	-3272 Feb 29 j 17:55	11°♒38'13	1.33388 AU
superior conj	-3272 Mar 03 j 08:34	17°♒10'09	0°-48'-6
minimum elong	-3272 Mar 03 j 10:43	17°♒21'34	0°47'46
asc. node	-3272 Mar 08 j 03:06	27°♒24'26	
	-3272 Mar 09 j 08:18	0°♓	
evening rise	-3272 Mar 10 j 13:25	2°♓33'44	
	-3272 Mar 25 j 21:33	0°♈	
evening max el	-3272 Apr 01 j 22:46	8°♈18'09	22°53'27
retrograde	-3272 Apr 15 j 05:04	14°♈49'38	
evening set	-3272 Apr 18 j 12:29	14°♈25'42	
desc. node	-3272 Apr 19 j 02:10	14°♈16'57	
min. Earth dist.	-3272 Apr 26 j 08:40	10°♈57'43	0.55567 AU
inferior conj	-3272 Apr 27 j 18:44	10°♈08'28	-2°-19'-7
minimum elong	-3272 Apr 27 j 13:05	10°♈16'39	2°17'24
morning rise	-3272 May 06 j 16:22	6°♈11'52	
direct	-3272 May 09 j 06:35	5°♈55'56	
morning max el	-3272 May 20 j 07:19	11°♈04'30	20°40'16
	-3272 Jun 02 j 13:53	0°♉	
asc. node	-3272 Jun 04 j 02:35	2°♉53'17	
morning set	-3272 Jun 08 j 06:46	11°♉11'54	
superior conj	-3272 Jun 15 j 22:36	26°♉59'30	1°36'50
minimum elong	-3272 Jun 15 j 20:15	26°♉47'29	1°36'43
	-3272 Jun 17 j 10:12	0°♊	
max. Earth dist.	-3272 Jun 20 j 12:32	6°♊09'19	1.35939 AU
evening rise	-3272 Jun 24 j 18:03	14°♊14'09	
	-3272 Jul 03 j 16:42	0°♋	
desc. node	-3272 Jul 16 j 01:13	18°♋57'49	
	-3272 Jul 24 j 12:39	0°♌	
evening max el	-3272 Jul 30 j 09:27	6°♌22'48	26°17'41
retrograde	-3272 Aug 12 j 01:49	13°♌34'36	
evening set	-3272 Aug 18 j 11:42	10°♌53'13	
min. Earth dist.	-3272 Aug 22 j 15:23	6°♌26'53	0.66256 AU
inferior conj	-3272 Aug 24 j 02:10	4°♌39'15	-2°-15'-14
minimum elong	-3272 Aug 24 j 05:16	4°♌29'40	2°14'03
	-3272 Aug 28 j 07:38	30°♋	
morning rise	-3272 Aug 29 j 23:41	28°♋47'15	
asc. node	-3272 Aug 31 j 01:47	28°♋15'54	
direct	-3272 Sep 02 j 01:14	27°♋53'32	
	-3272 Sep 07 j 00:02	0°♌	
morning max el	-3272 Sep 08 j 21:48	1°♌44'34	18°52'30
	-3272 Sep 28 j 08:43	0°♍	
morning set	-3272 Sep 30 j 09:16	3°♍12'37	
desc. node	-3272 Oct 12 j 00:48	21°♍37'00	
max. Earth dist.	-3272 Oct 15 j 22:01	27°♍44'05	1.44818 AU
superior conj	-3272 Oct 16 j 15:36	28°♍53'20	0°-29'-9
minimum elong	-3272 Oct 16 j 11:48	28°♍38'22	0°28'41
	-3272 Oct 17 j 08:30	0°♎	
evening rise	-3272 Nov 01 j 08:13	23°♎52'36	
	-3272 Nov 05 j 03:12	0°♏	
evening max el	-3272 Nov 22 j 07:26	25°♏09'32	18°49'15
asc. node	-3272 Nov 27 j 00:49	28°♏35'50	
retrograde	-3272 Nov 29 j 02:13	28°♏59'16	
evening set	-3272 Dec 02 j 03:50	28°♏05'35	
inferior conj	-3272 Dec 08 j 00:15	22°♏20'49	3°11'04
minimum elong	-3272 Dec 07 j 21:10	22°♏30'15	3°10'12
min. Earth dist.	-3272 Dec 09 j 16:46	20°♏17'22	0.65172 AU
morning rise	-3272 Dec 13 j 13:28	16°♏12'22	
direct	-3272 Dec 20 j 04:43	13°♏22'37	
morning max el	-3271 Jan 02 j 06:57	20°♏58'33	26°53'15
desc. node	-3271 Jan 08 j 00:22	27°♏19'42	
	-3271 Jan 10 j 04:00	0°♐	
	-3271 Jan 30 j 00:35	0°♑	
morning set	-3271 Feb 07 j 00:42	14°♑35'59	
max. Earth dist.	-3271 Feb 11 j 12:30	23°♑26'02	1.34442 AU
	-3271 Feb 14 j 17:33	0°♒	
superior conj	-3271 Feb 15 j 11:05	1°♒31'03	-1°-11'-47
minimum elong	-3271 Feb 15 j 14:03	1°♒46'31	1°11'25
evening rise	-3271 Feb 22 j 23:16	17°♒16'23	
asc. node	-3271 Feb 23 j 00:08	17°♒20'52	
	-3271 Mar 01 j 09:40	0°♓	
evening max el	-3271 Mar 14 j 20:54	19°♓13'22	21°23'00
retrograde	-3271 Mar 26 j 19:27	24°♓57'53	
evening set	-3271 Mar 29 j 07:36	24°♓43'34	
desc. node	-3271 Apr 05 j 23:17	21°♓38'37	
inferior conj	-3271 Apr 07 j 14:35	20°♓43'48	0°-27'-25
minimum elong	-3271 Apr 07 j 13:17	20°♓45'37	0°27'00
min. Earth dist.	-3271 Apr 07 j 22:29	20°♓32'40	0.55134 AU
morning rise	-3271 Apr 16 j 18:53	16°♓40'27	
direct	-3271 Apr 19 j 18:55	16°♓20'45	
morning max el	-3271 May 02 j 09:27	22°♓22'05	22°08'54
	-3271 May 08 j 23:40	0°♈	
asc. node	-3271 May 21 j 23:38	22°♈33'52	
morning set	-3271 May 23 j 16:36	26°♈04'22	
	-3271 May 25 j 13:37	0°♉	
superior conj	-3271 May 31 j 00:16	11°♉31'06	1°21'46
minimum elong	-3271 May 30 j 21:37	11°♉17'08	1°21'29
max. Earth dist.	-3271 Jun 03 j 05:26	18°♉12'07	1.34551 AU
evening rise	-3271 Jun 08 j 01:18	27°♉50'55	
	-3271 Jun 09 j 04:06	0°♊	
	-3271 Jun 26 j 22:19	0°♋	
desc. node	-3271 Jul 02 j 22:14	8°♋20'57	
evening max el	-3271 Jul 12 j 21:03	19°♋48'47	27°04'22
retrograde	-3271 Jul 26 j 03:15	27°♋09'20	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3271 Aug 02 j 00:48	24°♋22'37	
min. Earth dist.	-3271 Aug 05 j 21:07	20°♋34'43	0.65166 AU
inferior conj	-3271 Aug 07 j 21:09	18°♋17'30	-3°-3'-1
minimum elong	-3271 Aug 08 j 00:59	18°♋06'32	3°01'47
morning rise	-3271 Aug 14 j 02:29	12°♋39'55	
direct	-3271 Aug 16 j 21:24	11°♋57'43	
asc. node	-3271 Aug 17 j 22:54	12°♋03'50	
morning max el	-3271 Aug 23 j 10:40	15°♋31'25	18°16'33
	-3271 Sep 02 j 20:03	0°♌	
morning set	-3271 Sep 11 j 04:15	13°♌42'50	
	-3271 Sep 21 j 03:39	0°♍	
superior conj	-3271 Sep 25 j 16:56	7°♍17'00	0°20'23
minimum elong	-3271 Sep 25 j 19:28	7°♍27'04	0°20'06
max. Earth dist.	-3271 Sep 28 j 16:35	12°♍00'50	1.44728 AU
desc. node	-3271 Sep 28 j 21:44	12°♍21'10	
	-3271 Oct 10 j 03:55	0°♎	
evening rise	-3271 Oct 12 j 08:05	3°♎23'25	
greatest brilliancy	-3271 Oct 28 j 03:14	27°♎36'20	-0.7m
	-3271 Oct 29 j 19:16	0°♏	
evening max el	-3271 Nov 05 j 15:21	8°♏35'47	19°35'28
retrograde	-3271 Nov 12 j 22:42	12°♏50'15	
asc. node	-3271 Nov 13 j 21:54	12°♏44'52	
evening set	-3271 Nov 16 j 07:44	11°♏43'37	
inferior conj	-3271 Nov 21 j 22:43	5°♏44'29	2°31'05
minimum elong	-3271 Nov 21 j 19:48	5°♏53'57	2°30'04
min. Earth dist.	-3271 Nov 23 j 01:35	4°♏17'05	0.66241 AU
	-3271 Nov 26 j 18:29	30°℞♎	
morning rise	-3271 Nov 27 j 07:11	29°♎30'42	
direct	-3271 Dec 03 j 09:18	26°♎51'22	
	-3271 Dec 11 j 00:24	0°♏	
morning max el	-3271 Dec 15 j 16:13	4°♏06'34	25°47'44
desc. node	-3271 Dec 25 j 21:22	16°♏12'03	
	-3270 Jan 04 j 13:13	0°♐	
morning set	-3270 Jan 20 j 21:26	27°♐21'37	
	-3270 Jan 22 j 07:42	0°♑	
max. Earth dist.	-3270 Jan 24 j 19:27	4°♑42'12	1.35941 AU
superior conj	-3270 Jan 30 j 05:52	15°♑23'12	-1°-32'-30
minimum elong	-3270 Jan 30 j 09:08	15°♑39'38	1°32'16
	-3270 Feb 06 j 09:32	0°♒	
evening rise	-3270 Feb 07 j 05:23	1°♒41'17	
asc. node	-3270 Feb 09 j 21:08	7°♒01'37	
	-3270 Feb 24 j 12:47	0°♓	
evening max el	-3270 Feb 25 j 04:48	0°♓39'20	20°06'00
retrograde	-3270 Mar 07 j 11:14	5°♓32'23	
evening set	-3270 Mar 09 j 17:45	5°♓19'05	
inferior conj	-3270 Mar 18 j 13:02	1°♓19'13	1°26'38
minimum elong	-3270 Mar 18 j 16:37	1°♓13'49	1°25'24
min. Earth dist.	-3270 Mar 20 j 12:31	0°♓07'47	0.55635 AU
	-3270 Mar 20 j 17:46	30°℞♒	
desc. node	-3270 Mar 23 j 20:25	28°♒18'06	
morning rise	-3270 Mar 27 j 12:48	26°♒51'57	
direct	-3270 Mar 31 j 09:58	26°♒18'54	
	-3270 Apr 10 j 10:02	0°♓	
morning max el	-3270 Apr 14 j 03:14	3°♓06'28	23°47'39
	-3270 May 02 j 16:08	0°♈	
morning set	-3270 May 08 j 04:25	11°♈04'32	
asc. node	-3270 May 08 j 20:39	12°♈29'56	
superior conj	-3270 May 15 j 07:18	26°♈19'42	1°02'43
minimum elong	-3270 May 15 j 04:55	26°♈06'53	1°02'20
	-3270 May 17 j 00:29	0°♉	
max. Earth dist.	-3270 May 17 j 07:45	0°♉38'40	1.33529 AU
evening rise	-3270 May 22 j 19:53	12°♉02'34	
	-3270 Jun 01 j 10:07	0°♊	
desc. node	-3270 Jun 19 j 19:17	27°♊00'35	
	-3270 Jun 22 j 10:36	0°♋	
evening max el	-3270 Jun 25 j 07:35	2°♋56'16	27°24'47
retrograde	-3270 Jul 08 j 23:03	10°♋19'25	
evening set	-3270 Jul 16 j 02:46	7°♋38'56	
min. Earth dist.	-3270 Jul 19 j 17:42	4°♋25'37	0.63689 AU
inferior conj	-3270 Jul 22 j 07:42	1°♋45'27	-3°-43'-48
minimum elong	-3270 Jul 22 j 11:33	1°♋35'29	3°42'52
	-3270 Jul 24 j 01:27	30°℞♊	
morning rise	-3270 Jul 28 j 22:16	26°♊25'39	
direct	-3270 Jul 31 j 12:47	25°♊52'06	
asc. node	-3270 Aug 04 j 19:58	27°♊23'22	
morning max el	-3270 Aug 07 j 01:40	29°♊17'12	17°58'07
	-3270 Aug 07 j 18:12	0°♋	
morning set	-3270 Aug 24 j 01:04	25°♋27'13	
	-3270 Aug 26 j 16:11	0°♌	
superior conj	-3270 Sep 05 j 13:17	16°♌39'37	1°02'35
minimum elong	-3270 Sep 05 j 18:54	17°♌02'42	1°02'01
max. Earth dist.	-3270 Sep 11 j 09:04	26°♌06'47	1.43927 AU
	-3270 Sep 13 j 19:36	0°♍	
desc. node	-3270 Sep 15 j 18:41	3°♍05'56	
evening rise	-3270 Sep 21 j 14:56	12°♍12'36	
	-3270 Oct 03 j 08:08	0°♎	
greatest brilliancy	-3270 Oct 13 j 15:49	14°♎43'35	-0.5m
evening max el	-3270 Oct 19 j 17:53	22°♎02'02	20°36'12
retrograde	-3270 Oct 27 j 20:04	26°♎48'45	
evening set	-3270 Oct 31 j 14:38	25°♎26'44	
asc. node	-3270 Oct 31 j 18:59	25°♎18'39	
inferior conj	-3270 Nov 06 j 01:55	19°♎16'42	1°44'44
minimum elong	-3270 Nov 05 j 23:41	19°♎24'16	1°43'52
min. Earth dist.	-3270 Nov 06 j 16:47	18°♎26'15	0.66963 AU
morning rise	-3270 Nov 11 j 08:15	13°♎00'00	
direct	-3270 Nov 16 j 19:14	10°♎38'28	
morning max el	-3270 Nov 28 j 00:55	17°♎20'24	24°26'38
	-3270 Dec 08 j 14:55	0°♏	
desc. node	-3270 Dec 12 j 18:21	5°♏42'08	
	-3270 Dec 28 j 14:07	0°♐	
morning set	-3269 Jan 02 j 21:44	9°♐02'10	
max. Earth dist.	-3269 Jan 06 j 17:12	15°♐48'29	1.37821 AU
superior conj	-3269 Jan 13 j 13:37	28°♐37'25	-1°-48'-10
minimum elong	-3269 Jan 13 j 16:14	28°♐50'03	1°48'09
	-3269 Jan 14 j 06:42	0°♑	
evening rise	-3269 Jan 22 j 05:33	15°♑42'02	
asc. node	-3269 Jan 27 j 18:09	26°♑20'48	
	-3269 Jan 29 j 19:05	0°♒	
evening max el	-3269 Feb 07 j 23:13	12°♒41'23	19°07'23
retrograde	-3269 Feb 16 j 16:06	16°♒51'16	
evening set	-3269 Feb 19 j 00:14	16°♒34'30	
inferior conj	-3269 Feb 27 j 02:37	12°♒21'27	2°53'43
minimum elong	-3269 Feb 27 j 07:28	12°♒13'06	2°52'28
min. Earth dist.	-3269 Mar 02 j 03:51	10°♒15'54	0.56952 AU
morning rise	-3269 Mar 07 j 10:48	7°♒23'07	
desc. node	-3269 Mar 10 j 17:30	6°♒30'11	
direct	-3269 Mar 12 j 12:56	6°♒22'24	
morning max el	-3269 Mar 26 j 18:13	13°♒41'07	25°23'50
	-3269 Apr 08 j 13:38	0°♓	
morning set	-3269 Apr 22 j 16:31	26°♓06'22	
	-3269 Apr 24 j 12:34	0°♈	
asc. node	-3269 Apr 25 j 17:38	2°♈36'19	
superior conj	-3269 Apr 29 j 17:34	11°♈18'03	0°40'45
minimum elong	-3269 Apr 29 j 15:52	11°♈08'46	0°40'25
max. Earth dist.	-3269 Apr 30 j 17:02	13°♈25'44	1.32869 AU
evening rise	-3269 May 06 j 22:20	26°♈38'09	
	-3269 May 08 j 14:04	0°♉	
	-3269 May 25 j 21:02	0°♊	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3269 Jun 06 j 16:22	14♊37'52	
evening max el	-3269 Jun 07 j 14:47	15♊32'40	27°13'54
retrograde	-3269 Jun 21 j 12:31	22♊54'48	
evening set	-3269 Jun 28 j 13:42	20♊34'51	
min. Earth dist.	-3269 Jul 02 j 04:21	17♊45'57	0.61871 AU
inferior conj	-3269 Jul 05 j 06:43	14♊55'35	-4°-13'-3
minimum elong	-3269 Jul 05 j 09:23	14♊49'26	4°12'39
morning rise	-3269 Jul 12 j 07:47	9♊56'11	
direct	-3269 Jul 14 j 19:55	9♊29'02	
morning max el	-3269 Jul 21 j 15:59	12♊54'48	17°58'03
asc. node	-3269 Jul 22 j 17:01	13♊59'44	
	-3269 Aug 02 j 05:31	0♋	
morning set	-3269 Aug 06 j 18:12	8♋09'47	
superior conj	-3269 Aug 17 j 13:08	27♋23'52	1°31'03
minimum elong	-3269 Aug 17 j 17:45	27♋43'48	1°30'46
	-3269 Aug 19 j 01:27	0♌	
max. Earth dist.	-3269 Aug 24 j 20:32	9♌43'02	1.42531 AU
evening rise	-3269 Aug 31 j 22:17	21♌05'33	
desc. node	-3269 Sep 02 j 15:40	23♌47'41	
	-3269 Sep 06 j 16:09	0♍	
greatest brilliancy	-3269 Sep 27 j 17:28	29♍54'34	-0.4m
	-3269 Sep 27 j 19:13	0♎	
evening max el	-3269 Oct 02 j 14:17	5♎27'35	21°48'30
retrograde	-3269 Oct 11 j 16:18	10♎51'31	
evening set	-3269 Oct 15 j 22:37	9♎11'52	
asc. node	-3269 Oct 18 j 16:03	6♎25'33	
inferior conj	-3269 Oct 21 j 07:46	2♎54'37	0°54'11
minimum elong	-3269 Oct 21 j 06:33	2♎58'52	0°53'40
min. Earth dist.	-3269 Oct 21 j 11:53	2♎40'25	0.67367 AU
	-3269 Oct 23 j 11:34	30℞♍	
morning rise	-3269 Oct 26 j 14:13	26♍37'48	
direct	-3269 Oct 31 j 09:55	24♍37'31	
	-3269 Nov 09 j 20:03	0♎	
morning max el	-3269 Nov 10 j 10:49	0♎36'45	22°59'48
greatest brilliancy	-3269 Nov 15 j 08:25	6♎07'06	-0.3m
desc. node	-3269 Nov 29 j 15:20	25♎38'48	
	-3269 Dec 02 j 13:21	0♏	
morning set	-3269 Dec 14 j 19:30	19♏22'04	
max. Earth dist.	-3269 Dec 19 j 12:39	27♏19'19	1.39897 AU
	-3269 Dec 21 j 01:47	0♐	
superior conj	-3269 Dec 27 j 05:55	11♐02'07	-1°-55'-54
minimum elong	-3269 Dec 27 j 06:28	11♐04'42	1°56'01
evening rise	-3268 Jan 05 j 21:00	29♐11'27	
	-3268 Jan 06 j 07:10	0♑	
asc. node	-3268 Jan 14 j 15:11	15♑11'04	
evening max el	-3268 Jan 22 j 02:24	25♑14'57	18°28'42
retrograde	-3268 Jan 29 j 15:12	28♑56'30	
evening set	-3268 Feb 01 j 02:38	28♑33'50	
inferior conj	-3268 Feb 08 j 12:33	24♑00'52	3°43'33
minimum elong	-3268 Feb 08 j 15:28	23♑54'59	3°43'05
min. Earth dist.	-3268 Feb 11 j 22:13	21♑18'09	0.58796 AU
morning rise	-3268 Feb 16 j 00:44	18♑36'48	
direct	-3268 Feb 22 j 05:22	16♑57'55	
desc. node	-3268 Feb 25 j 14:35	17♑26'43	
morning max el	-3268 Mar 07 j 11:58	24♑32'54	26°42'24
	-3268 Mar 12 j 11:58	0♒	
	-3268 Mar 31 j 14:54	0♓	
morning set	-3268 Apr 06 j 03:16	11♓03'49	
asc. node	-3268 Apr 11 j 14:39	22♓48'35	
superior conj	-3268 Apr 13 j 05:15	26♓19'47	0°16'49
minimum elong	-3268 Apr 13 j 04:30	26♓15'43	0°16'38
max. Earth dist.	-3268 Apr 13 j 05:58	26♓23'42	1.32553 AU
	-3268 Apr 14 j 21:30	0♈	
evening rise	-3268 Apr 20 j 05:57	11♈28'47	
	-3268 Apr 29 j 19:39	0♉	
evening max el	-3268 May 19 j 16:39	27♉29'37	26°30'23
	-3268 May 22 j 13:01	0♊	
desc. node	-3268 May 23 j 13:27	0♊47'09	
retrograde	-3268 Jun 02 j 18:12	4♊48'00	
evening set	-3268 Jun 09 j 05:24	3♊01'36	
min. Earth dist.	-3268 Jun 13 j 05:57	0♊21'20	0.59848 AU
	-3268 Jun 13 j 17:00	30℞♉	
inferior conj	-3268 Jun 16 j 14:43	27♉39'56	-4°-23'-48
minimum elong	-3268 Jun 16 j 14:42	27♉40'00	4°23'44
morning rise	-3268 Jun 24 j 03:28	23♉02'26	
direct	-3268 Jun 26 j 14:54	22♉39'58	
morning max el	-3268 Jul 04 j 02:44	26♉16'58	18°17'16
	-3268 Jul 07 j 09:19	0♊	
asc. node	-3268 Jul 08 j 14:04	1♊37'54	
morning set	-3268 Jul 20 j 02:25	21♊37'33	
	-3268 Jul 24 j 12:36	0♋	
superior conj	-3268 Jul 29 j 14:20	9♋24'11	1°45'38
minimum elong	-3268 Jul 29 j 16:23	9♋33'29	1°45'40
max. Earth dist.	-3268 Aug 06 j 02:23	22♋38'54	1.40735 AU
	-3268 Aug 10 j 11:32	0♌	
evening rise	-3268 Aug 11 j 00:17	0♌52'27	
desc. node	-3268 Aug 19 j 12:40	14♌23'00	
	-3268 Aug 30 j 03:03	0♍	
greatest brilliancy	-3268 Sep 08 j 18:14	12♍46'21	-0.2m
evening max el	-3268 Sep 14 j 05:23	18♍54'35	23°07'49
retrograde	-3268 Sep 24 j 09:56	24♍56'38	
evening set	-3268 Sep 29 j 05:57	22♍57'44	
inferior conj	-3268 Oct 04 j 14:31	16♍36'56	0°01'11
minimum elong	-3268 Oct 04 j 14:29	16♍37'02	0°01'11
transit middle	-3268 Oct 04 j 14:29	16♍37'02	0°01'11
transit begin	-3268 Oct 04 j 11:48	16♍46'19	
transit end	-3268 Oct 04 j 17:11	16♍27'46	
min. Earth dist.	-3268 Oct 04 j 08:24	16♍57'58	0.67466 AU
asc. node	-3268 Oct 04 j 13:08	16♍41'40	
morning rise	-3268 Oct 09 j 23:01	10♍23'06	
direct	-3268 Oct 14 j 04:26	8♍44'26	
morning max el	-3268 Oct 23 j 01:15	13♍58'59	21°36'03
greatest brilliancy	-3268 Oct 28 j 02:59	19♍48'22	-0.4m
	-3268 Nov 04 j 16:48	0♎	
desc. node	-3268 Nov 15 j 12:19	15♎54'43	
morning set	-3268 Nov 23 j 12:43	28♎20'40	
	-3268 Nov 24 j 13:43	0♏	
max. Earth dist.	-3268 Nov 30 j 13:28	9♏42'54	1.41892 AU
superior conj	-3268 Dec 08 j 01:22	22♏24'27	-1°-51'-58
minimum elong	-3268 Dec 07 j 22:23	22♏11'30	1°51'56
	-3268 Dec 12 j 08:51	0♐	
evening rise	-3268 Dec 19 j 00:22	12♐02'46	
	-3268 Dec 29 j 05:48	0♑	
asc. node	-3268 Dec 31 j 12:14	3♑23'34	
evening max el	-3267 Jan 04 j 11:35	8♑12'04	18°09'57
retrograde	-3267 Jan 11 j 07:30	11♑40'39	
evening set	-3267 Jan 13 j 22:01	11♑10'50	
inferior conj	-3267 Jan 20 j 18:02	6♑15'38	4°00'41
minimum elong	-3267 Jan 20 j 18:15	6♑15'08	4°00'34
min. Earth dist.	-3267 Jan 23 j 22:23	3♑19'41	0.60829 AU
morning rise	-3267 Jan 27 j 11:49	0♑33'28	
	-3267 Jan 28 j 09:49	30℞♐	
direct	-3267 Feb 03 j 08:35	28♐18'09	
	-3267 Feb 09 j 14:59	0♑	
desc. node	-3267 Feb 11 j 11:40	1♑05'05	
morning max el	-3267 Feb 17 j 11:40	6♑00'26	27°30'50
	-3267 Mar 07 j 12:17	0♒	
morning set	-3267 Mar 21 j 10:46	25♒49'09	
	-3267 Mar 23 j 10:51	0♓	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3267 Mar 27 j 18:45	9°♓18'19	1.32584 AU	
superior conj	-3267 Mar 28 j 16:38	11°♓17'44	0°-8'-19	
minimum elong	-3267 Mar 28 j 17:01	11°♓19'47	0°08'17	
behind sun begin	-3267 Mar 28 j 12:41	10°♓56'09		
behind sun end	-3267 Mar 28 j 21:20	11°♓43'26		
asc. node	-3267 Mar 29 j 11:40	13°♓01'44		
evening rise	-3267 Apr 04 j 16:32	26°♓25'32		
	-3267 Apr 06 j 09:45	0°♈		
	-3267 Apr 23 j 22:07	0°♉		
evening max el	-3267 May 01 j 12:15	8°♉44'30	25°18'13	
desc. node	-3267 May 10 j 10:33	14°♉53'16		
retrograde	-3267 May 15 j 13:39	15°♉54'33		
evening set	-3267 May 20 j 23:04	14°♉46'48		
min. Earth dist.	-3267 May 26 j 00:29	11°♉58'31	0.57856 AU	
inferior conj	-3267 May 29 j 04:10	9°♉47'46	-4°-6'-16	
minimum elong	-3267 May 29 j 00:24	9°♉54'20	4°05'45	
morning rise	-3267 Jun 06 j 05:44	5°♉31'36		
direct	-3267 Jun 08 j 17:25	5°♉12'45		
morning max el	-3267 Jun 17 j 06:58	9°♉13'42	18°56'45	
asc. node	-3267 Jun 25 j 11:08	20°♉03'16		
	-3267 Jun 30 j 23:36	0°♊		
morning set	-3267 Jul 03 j 21:29	5°♊39'00		
superior conj	-3267 Jul 12 j 11:14	22°♊24'30	1°48'46	
minimum elong	-3267 Jul 12 j 10:56	22°♊23'02	1°48'52	
	-3267 Jul 16 j 12:11	0°♋		
max. Earth dist.	-3267 Jul 19 j 04:49	4°♋54'13	1.38775 AU	
evening rise	-3267 Jul 23 j 04:07	11°♋53'44		
	-3267 Aug 03 j 06:13	0°♌		
desc. node	-3267 Aug 06 j 09:42	4°♌47'04		
	-3267 Aug 25 j 09:51	0°♍		
evening max el	-3267 Aug 27 j 17:13	2°♍24'19	24°27'59	
retrograde	-3267 Sep 07 j 23:54	9°♍00'27		
evening set	-3267 Sep 13 j 10:53	6°♍42'18		
min. Earth dist.	-3267 Sep 18 j 03:50	1°♍17'05	0.67257 AU	
inferior conj	-3267 Sep 18 j 20:24	0°♍21'29	0°-52'-40	
minimum elong	-3267 Sep 18 j 21:39	0°♍17'18	0°52'06	
	-3267 Sep 19 j 02:49	30°℞♌		
asc. node	-3267 Sep 21 j 10:15	27°♌03'09		
morning rise	-3267 Sep 24 j 08:41	24°♌13'49		
direct	-3267 Sep 28 j 01:33	22°♌55'07		
morning max el	-3267 Oct 05 j 22:43	27°♌30'17	20°21'45	
	-3267 Oct 08 j 05:15	0°♍		
greatest brilliancy	-3267 Oct 12 j 14:06	5°♍32'20	-0.6m	
	-3267 Oct 29 j 05:33	0°♎		
morning set	-3267 Nov 02 j 11:48	6°♎33'40		
desc. node	-3267 Nov 02 j 09:19	6°♎24'05		
max. Earth dist.	-3267 Nov 12 j 22:25	23°♎01'10	1.43509 AU	
	-3267 Nov 17 j 05:42	0°♏		
superior conj	-3267 Nov 18 j 18:43	2°♏32'10	-1°-32'-33	
minimum elong	-3267 Nov 18 j 12:08	2°♏04'59	1°32'03	
evening rise	-3267 Dec 01 j 11:31	24°♏07'49		
	-3267 Dec 04 j 20:24	0°♐		
asc. node	-3267 Dec 18 j 09:19	20°♐47'02		
evening max el	-3267 Dec 18 j 23:47	21°♐24'51	18°10'37	
retrograde	-3267 Dec 25 j 12:54	24°♐53'39		
evening set	-3267 Dec 28 j 06:43	24°♐15'46		
inferior conj	-3266 Jan 03 j 15:40	18°♐59'15	3°53'43	
minimum elong	-3266 Jan 03 j 13:50	19°♐04'05	3°53'25	
min. Earth dist.	-3266 Jan 06 j 07:21	16°♐12'24	0.62752 AU	
morning rise	-3266 Jan 09 j 19:06	13°♐04'06		
direct	-3266 Jan 16 j 20:23	10°♐23'53		
desc. node	-3266 Jan 29 j 08:44	16°♐51'34		
morning max el	-3266 Jan 30 j 17:18	18°♐09'13	27°43'09	
	-3266 Feb 09 j 17:32	0°♑		
	-3266 Feb 28 j 06:28	0°♒		
morning set	-3266 Mar 05 j 12:50	10°♒15'01		
max. Earth dist.	-3266 Mar 11 j 03:34	21°♒56'16	1.32984 AU	
superior conj	-3266 Mar 13 j 02:05	26°♒06'09	0°-33'-43	
minimum elong	-3266 Mar 13 j 03:36	26°♒14'23	0°33'28	
	-3266 Mar 14 j 21:18	0°♓		
asc. node	-3266 Mar 16 j 08:42	3°♓11'47		
evening rise	-3266 Mar 20 j 04:15	11°♓21'41		
	-3266 Mar 29 j 19:07	0°♈		
evening max el	-3266 Apr 13 j 03:57	19°♈29'56	23°47'53	
retrograde	-3266 Apr 26 j 20:55	26°♈20'53		
desc. node	-3266 Apr 27 j 07:39	26°♈20'26		
evening set	-3266 Apr 30 j 21:52	25°♈44'51		
min. Earth dist.	-3266 May 07 j 15:08	22°♈34'53	0.56216 AU	
inferior conj	-3266 May 09 j 21:21	21°♈12'32	-3°-10'-12	
minimum elong	-3266 May 09 j 15:11	21°♈21'56	3°08'39	
morning rise	-3266 May 18 j 12:14	17°♈12'35		
direct	-3266 May 21 j 00:50	16°♈56'17		
morning max el	-3266 May 31 j 02:03	21°♈35'50	19°56'54	
	-3266 Jun 06 j 22:44	0°♉		
asc. node	-3266 Jun 12 j 08:12	9°♉04'31		
morning set	-3266 Jun 18 j 00:09	20°♉05'33		
	-3266 Jun 22 j 21:06	0°♊		
superior conj	-3266 Jun 25 j 22:30	6°♊09'50	1°43'09	
minimum elong	-3266 Jun 25 j 20:39	6°♊00'36	1°43'09	
max. Earth dist.	-3266 Jul 01 j 08:39	16°♊44'04	1.36897 AU	
evening rise	-3266 Jul 05 j 07:55	24°♊05'58		
	-3266 Jul 08 j 15:29	0°♋		
desc. node	-3266 Jul 24 j 06:43	24°♋54'07		
	-3266 Jul 27 j 21:36	0°♌		
evening max el	-3266 Aug 10 j 04:00	15°♌56'14	25°41'28	
retrograde	-3266 Aug 22 j 09:28	22°♌58'16		
evening set	-3266 Aug 28 j 11:30	20°♌23'28		
min. Earth dist.	-3266 Sep 01 j 19:44	15°♌35'21	0.66725 AU	
inferior conj	-3266 Sep 02 j 23:37	14°♌06'02	-1°-45'-46	
minimum elong	-3266 Sep 03 j 02:06	13°♌58'05	1°44'44	
asc. node	-3266 Sep 08 j 07:22	8°♌24'16		
morning rise	-3266 Sep 08 j 17:21	8°♌07'37		
direct	-3266 Sep 11 j 23:46	7°♌05'52		
morning max el	-3266 Sep 19 j 03:29	11°♌10'24	19°20'40	
greatest brilliancy	-3266 Sep 29 j 05:07	24°♌24'58	-0.7m	
	-3266 Oct 02 j 21:44	0°♍		
morning set	-3266 Oct 12 j 15:27	15°♍06'56		
desc. node	-3266 Oct 20 j 06:17	27°♍01'56		
	-3266 Oct 22 j 03:40	0°♎		
max. Earth dist.	-3266 Oct 26 j 13:18	6°♎56'12	1.44539 AU	
superior conj	-3266 Oct 29 j 09:23	11°♎26'08	0°-56'-7	
minimum elong	-3266 Oct 29 j 02:53	11°♎00'18	0°55'23	
	-3266 Nov 09 j 21:01	0°♏		
evening rise	-3266 Nov 13 j 01:44	5°♏16'29		
	-3266 Nov 28 j 13:56	0°♐		
evening max el	-3266 Dec 02 j 12:12	4°♐46'01	18°30'00	
asc. node	-3266 Dec 05 j 06:23	7°♐06'50		
retrograde	-3266 Dec 09 j 02:57	8°♐25'46		
evening set	-3266 Dec 12 j 01:08	7°♐38'30		
inferior conj	-3266 Dec 18 j 01:31	2°♐03'06	3°30'04	
minimum elong	-3266 Dec 17 j 22:38	2°♐11'30	3°29'24	
	-3266 Dec 19 j 19:45	30°℞♏		
min. Earth dist.	-3266 Dec 20 j 02:22	29°♏41'02	0.64389 AU	
morning rise	-3266 Dec 23 j 18:49	25°♏58'28		
direct	-3266 Dec 30 j 15:29	23°♏08'08		
	-3265 Jan 12 j 05:28	0°♐		
morning max el	-3265 Jan 13 j 02:23	0°♐50'54	27°20'13	
desc. node	-3265 Jan 16 j 05:47	4°♐10'25		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3265 Feb 03 j 18:29	0°♉	
morning set	-3265 Feb 17 j 06:39	24°♉11'48	
	-3265 Feb 20 j 04:35	0°♒	
max. Earth dist.	-3265 Feb 22 j 04:18	4°♒04'04	1.33783 AU
superior conj	-3265 Feb 25 j 07:41	10°♒38'29	0°-58'-24
minimum elong	-3265 Feb 25 j 10:13	10°♒51'54	0°58'03
asc. node	-3265 Mar 03 j 05:43	23°♒14'09	
evening rise	-3265 Mar 04 j 15:15	26°♒10'30	
	-3265 Mar 06 j 11:37	0°♓	
	-3265 Mar 25 j 16:24	0°♈	
evening max el	-3265 Mar 25 j 21:43	0°♈12'50	22°13'46
retrograde	-3265 Apr 07 j 16:27	6°♈26'41	
evening set	-3265 Apr 10 j 13:44	6°♈08'15	
desc. node	-3265 Apr 14 j 04:44	4°♈58'05	
min. Earth dist.	-3265 Apr 19 j 04:59	2°♈23'56	0.55263 AU
inferior conj	-3265 Apr 19 j 22:00	1°♈59'52	-1°-34'-10
minimum elong	-3265 Apr 19 j 17:47	2°♈05'50	1°32'47
	-3265 Apr 23 j 14:35	30°℞♓	
morning rise	-3265 Apr 28 j 23:34	28°♓02'57	
direct	-3265 May 01 j 16:28	27°♓46'24	
	-3265 May 09 j 03:30	0°♈	
morning max el	-3265 May 13 j 10:23	3°♈17'14	21°16'21
asc. node	-3265 May 30 j 05:14	28°♈32'46	
	-3265 May 30 j 22:48	0°♉	
morning set	-3265 Jun 02 j 07:57	4°♉50'17	
superior conj	-3265 Jun 09 j 19:51	20°♉27'42	1°31'02
minimum elong	-3265 Jun 09 j 17:18	20°♉14'27	1°30'50
max. Earth dist.	-3265 Jun 13 j 19:29	28°♉34'22	1.35294 AU
	-3265 Jun 14 j 12:42	0°♊	
evening rise	-3265 Jun 18 j 06:36	7°♊16'13	
	-3265 Jul 01 j 07:21	0°♋	
desc. node	-3265 Jul 11 j 03:44	14°♋36'38	
evening max el	-3265 Jul 23 j 15:10	29°♋26'45	26°40'18
	-3265 Jul 24 j 05:04	0°♌	
retrograde	-3265 Aug 05 j 14:14	6°♌44'13	
evening set	-3265 Aug 12 j 05:35	3°♌59'03	
min. Earth dist.	-3265 Aug 16 j 05:51	29°♋49'24	0.65836 AU
	-3265 Aug 16 j 02:16	30°℞♋	
inferior conj	-3265 Aug 17 j 22:15	27°♋48'17	-2°-36'-10
minimum elong	-3265 Aug 18 j 01:43	27°♋37'51	2°34'54
morning rise	-3265 Aug 23 j 22:56	22°♋02'14	
asc. node	-3265 Aug 26 j 04:27	21°♋16'44	
direct	-3265 Aug 26 j 21:16	21°♋13'59	
morning max el	-3265 Sep 02 j 14:05	24°♋56'46	18°35'09
	-3265 Sep 06 j 18:58	0°♌	
morning set	-3265 Sep 22 j 18:26	24°♌50'59	
	-3265 Sep 25 j 23:15	0°♍	
desc. node	-3265 Oct 07 j 03:15	17°♍45'16	
superior conj	-3265 Oct 08 j 09:22	19°♍43'59	0°-8'00
minimum elong	-3265 Oct 08 j 08:19	19°♍39'49	0°07'51
behind sun begin	-3265 Oct 07 j 22:15	19°♍00'08	
behind sun end	-3265 Oct 08 j 18:23	20°♍19'30	
max. Earth dist.	-3265 Oct 09 j 06:58	21°♍09'02	1.44870 AU
	-3265 Oct 14 j 21:55	0°♎	
evening rise	-3265 Oct 24 j 15:32	15°♎22'35	
	-3265 Nov 02 j 21:17	0°♏	
evening max el	-3265 Nov 15 j 22:23	18°♏11'39	19°06'54
asc. node	-3265 Nov 22 j 03:27	22°♏07'54	
retrograde	-3265 Nov 22 j 21:54	22°♏11'14	
evening set	-3265 Nov 26 j 02:18	21°♏12'32	
inferior conj	-3265 Dec 01 j 20:13	15°♏21'17	2°55'00
minimum elong	-3265 Dec 01 j 17:07	15°♏31'00	2°54'03
min. Earth dist.	-3265 Dec 03 j 06:47	13°♏32'33	0.65675 AU
morning rise	-3265 Dec 07 j 07:01	9°♏09'59	
direct	-3265 Dec 13 j 17:01	6°♏23'17	
morning max el	-3265 Dec 26 j 12:03	13°♏52'48	26°27'44
desc. node	-3264 Jan 03 j 02:49	22°♏34'43	
	-3264 Jan 08 j 16:16	0°♐	
	-3264 Jan 27 j 11:00	0°♑	
morning set	-3264 Jan 31 j 12:28	7°♑27'49	
max. Earth dist.	-3264 Feb 04 j 17:43	15°♑35'53	1.35024 AU
superior conj	-3264 Feb 09 j 07:13	24°♑47'52	-1°-21'-4
minimum elong	-3264 Feb 09 j 10:24	25°♑04'14	1°20'44
	-3264 Feb 11 j 19:34	0°♒	
evening rise	-3264 Feb 16 j 23:43	10°♒45'52	
asc. node	-3264 Feb 18 j 02:44	13°♒04'17	
	-3264 Feb 27 j 05:26	0°♓	
evening max el	-3264 Mar 06 j 23:41	11°♓19'33	20°48'13
retrograde	-3264 Mar 18 j 05:53	16°♓41'57	
evening set	-3264 Mar 20 j 13:57	16°♓28'59	
inferior conj	-3264 Mar 29 j 17:07	12°♓31'28	0°22'47
minimum elong	-3264 Mar 29 j 18:10	12°♓29'58	0°22'22
min. Earth dist.	-3264 Mar 30 j 19:09	11°♓54'06	0.55227 AU
desc. node	-3264 Mar 31 j 01:50	11°♓44'34	
morning rise	-3264 Apr 07 j 20:57	8°♓19'10	
direct	-3264 Apr 11 j 04:24	7°♓55'19	
morning max el	-3264 Apr 24 j 08:31	14°♓18'48	22°50'26
	-3264 May 06 j 08:34	0°♈	
asc. node	-3264 May 16 j 02:14	18°♈20'21	
morning set	-3264 May 16 j 18:46	19°♈46'17	
	-3264 May 21 j 14:26	0°♉	
superior conj	-3264 May 24 j 00:04	5°♉07'23	1°14'07
minimum elong	-3264 May 23 j 21:28	4°♉53'34	1°13'47
max. Earth dist.	-3264 May 26 j 16:14	10°♉45'27	1.34061 AU
evening rise	-3264 May 31 j 19:07	21°♉09'16	
	-3264 Jun 05 j 10:19	0°♊	
	-3264 Jun 24 j 04:22	0°♋	
desc. node	-3264 Jun 27 j 00:48	3°♋43'24	
evening max el	-3264 Jul 05 j 02:32	12°♋46'31	27°16'46
retrograde	-3264 Jul 18 j 13:35	20°♋09'28	
evening set	-3264 Jul 25 j 14:23	17°♋23'52	
min. Earth dist.	-3264 Jul 29 j 08:01	13°♋51'18	0.64574 AU
inferior conj	-3264 Jul 31 j 13:58	11°♋23'06	-3°-21'-26
minimum elong	-3264 Jul 31 j 17:55	11°♋12'13	3°20'17
morning rise	-3264 Aug 06 j 23:03	5°♋52'33	
direct	-3264 Aug 09 j 15:43	5°♋14'27	
asc. node	-3264 Aug 12 j 01:31	5°♋44'48	
morning max el	-3264 Aug 16 j 04:09	8°♋43'53	18°06'31
	-3264 Aug 30 j 12:53	0°♌	
morning set	-3264 Sep 03 j 01:00	5°♌54'37	
superior conj	-3264 Sep 16 j 16:50	28°♌27'41	0°39'43
minimum elong	-3264 Sep 16 j 21:16	28°♌45'30	0°39'12
	-3264 Sep 17 j 15:50	0°♍	
max. Earth dist.	-3264 Sep 21 j 00:34	5°♍22'00	1.44471 AU
desc. node	-3264 Sep 23 j 00:13	8°♍30'27	
evening rise	-3264 Oct 03 j 06:34	24°♍31'39	
	-3264 Oct 06 j 19:40	0°♎	
greatest brilliancy	-3264 Oct 21 j 21:59	22°♎35'03	-0.6m
	-3264 Oct 27 j 16:00	0°♏	
evening max el	-3264 Oct 29 j 04:15	1°♏38'46	19°59'40
retrograde	-3264 Nov 05 j 18:57	6°♏05'59	
asc. node	-3264 Nov 08 j 00:31	5°♏37'08	
evening set	-3264 Nov 09 j 07:44	4°♏53'17	
	-3264 Nov 13 j 23:32	30°℞♎	
inferior conj	-3264 Nov 14 j 20:59	28°♎49'20	2°12'04
minimum elong	-3264 Nov 14 j 18:18	28°♎58'12	2°11'05
min. Earth dist.	-3264 Nov 15 j 18:39	27°♎37'23	0.66597 AU
morning rise	-3264 Nov 20 j 04:15	22°♎34'00	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3264 Nov 26 j 00:12	20°♎01'14	
morning max el	-3264 Dec 07 j 20:50	27°♎03'47	25°14'22
	-3264 Dec 10 j 15:04	0°♏	
desc. node	-3264 Dec 19 j 23:50	11°♏45'11	
	-3263 Jan 01 j 07:50	0°♐	
morning set	-3263 Jan 13 j 01:19	19°♐48'26	
max. Earth dist.	-3263 Jan 16 j 19:46	26°♐42'55	1.36702 AU
	-3263 Jan 18 j 13:34	0°♑	
superior conj	-3263 Jan 22 j 21:50	8°♑26'01	-1°-39'-56
minimum elong	-3263 Jan 23 j 00:58	8°♑41'31	1°39'47
evening rise	-3263 Jan 31 j 03:37	25°♑01'45	
	-3263 Feb 02 j 15:29	0°♒	
asc. node	-3263 Feb 03 j 23:44	2°♒37'02	
evening max el	-3263 Feb 17 j 12:22	23°♒02'18	19°38'44
retrograde	-3263 Feb 27 j 01:41	27°♒34'48	
evening set	-3263 Mar 01 j 08:35	27°♒20'23	
inferior conj	-3263 Mar 09 j 20:57	23°♒16'31	2°07'55
minimum elong	-3263 Mar 10 j 01:34	23°♒09'10	2°06'30
min. Earth dist.	-3263 Mar 12 j 09:41	21°♒40'34	0.56111 AU
desc. node	-3263 Mar 17 j 22:55	18°♒50'06	
morning rise	-3263 Mar 18 j 15:07	18°♒36'10	
direct	-3263 Mar 23 j 00:34	17°♒52'51	
morning max el	-3263 Apr 06 j 00:12	24°♒55'46	24°29'43
	-3263 Apr 10 j 16:27	0°♓	
	-3263 Apr 28 j 23:10	0°♈	
morning set	-3263 May 01 j 06:55	4°♈48'09	
asc. node	-3263 May 02 j 23:15	8°♈21'47	
superior conj	-3263 May 08 j 08:42	20°♈01'12	0°53'41
minimum elong	-3263 May 08 j 06:34	19°♈49'38	0°53'20
max. Earth dist.	-3263 May 09 j 22:01	23°♈22'27	1.33206 AU
	-3263 May 13 j 00:53	0°♉	
evening rise	-3263 May 15 j 17:27	5°♉32'57	
	-3263 May 29 j 01:25	0°♊	
desc. node	-3263 Jun 13 j 21:51	21°♊59'17	
evening max el	-3263 Jun 17 j 12:12	25°♊43'06	27°24'18
	-3263 Jun 22 j 17:17	0°♋	
retrograde	-3263 Jul 01 j 06:38	3°♋05'29	
evening set	-3263 Jul 08 j 10:25	0°♋32'21	
	-3263 Jul 09 j 03:56	30°℞♊	
min. Earth dist.	-3263 Jul 12 j 00:33	27°♊30'43	0.62951 AU
inferior conj	-3263 Jul 14 j 20:01	24°♊44'36	-3°-57'-59
minimum elong	-3263 Jul 14 j 23:33	24°♊35'54	3°57'17
morning rise	-3263 Jul 21 j 14:51	19°♊32'50	
direct	-3263 Jul 24 j 04:11	19°♊02'09	
asc. node	-3263 Jul 29 j 22:35	21°♊38'38	
morning max el	-3263 Jul 30 j 19:05	22°♊26'26	17°55'46
	-3263 Aug 05 j 15:53	0°♋	
morning set	-3263 Aug 16 j 07:08	18°♋05'43	
	-3263 Aug 23 j 02:13	0°♌	
superior conj	-3263 Aug 28 j 00:31	8°♌23'41	1°16'27
minimum elong	-3263 Aug 28 j 06:05	8°♌47'00	1°15'58
max. Earth dist.	-3263 Sep 03 j 15:23	19°♌18'02	1.43402 AU
desc. node	-3263 Sep 09 j 21:12	29°♌14'30	
	-3263 Sep 10 j 08:48	0°♍	
evening rise	-3263 Sep 12 j 11:06	3°♍16'02	
	-3263 Sep 30 j 08:13	0°♎	
greatest brilliancy	-3263 Oct 06 j 18:03	8°♎44'04	-0.5m
evening max el	-3263 Oct 12 j 04:19	15°♎05'28	21°05'48
retrograde	-3263 Oct 20 j 15:56	20°♎06'59	
evening set	-3263 Oct 24 j 15:20	18°♎37'39	
asc. node	-3263 Oct 25 j 21:36	17°♎31'50	
inferior conj	-3263 Oct 30 j 01:32	12°♎24'19	1°23'44
minimum elong	-3263 Oct 29 j 23:42	12°♎30'36	1°22'58
min. Earth dist.	-3263 Oct 30 j 11:43	11°♎49'27	0.67179 AU
morning rise	-3263 Nov 04 j 07:42	6°♎07'28	
direct	-3263 Nov 09 j 12:13	3°♎54'42	
morning max el	-3263 Nov 20 j 05:34	10°♎18'25	23°49'49
	-3263 Dec 05 j 20:16	0°♏	
desc. node	-3263 Dec 06 j 20:49	1°♏28'04	
	-3263 Dec 25 j 01:45	0°♐	
morning set	-3263 Dec 25 j 15:00	0°♐56'18	
max. Earth dist.	-3263 Dec 29 j 15:50	7°♐56'55	1.38703 AU
superior conj	-3262 Jan 05 j 23:41	21°♐21'27	-1°-52'-38
minimum elong	-3262 Jan 06 j 01:37	21°♐30'37	1°52'41
	-3262 Jan 10 j 11:49	0°♑	
evening rise	-3262 Jan 15 j 00:29	8°♑50'38	
asc. node	-3262 Jan 21 j 20:46	21°♑45'13	
	-3262 Jan 27 j 00:00	0°♒	
evening max el	-3262 Jan 31 j 10:51	5°♒18'57	18°48'24
retrograde	-3262 Feb 08 j 14:13	9°♒14'45	
evening set	-3262 Feb 10 j 23:53	8°♒55'34	
inferior conj	-3262 Feb 18 j 18:59	4°♒34'12	3°19'21
minimum elong	-3262 Feb 18 j 23:15	4°♒26'19	3°18'26
min. Earth dist.	-3262 Feb 22 j 01:42	2°♒10'33	0.57698 AU
	-3262 Feb 25 j 13:30	30°℞♑	
morning rise	-3262 Feb 26 j 18:50	29°♑24'20	
direct	-3262 Mar 04 j 09:12	28°♑08'14	
desc. node	-3262 Mar 04 j 20:00	28°♑08'43	
	-3262 Mar 11 j 06:40	0°♒	
morning max el	-3262 Mar 18 j 15:40	5°♒34'19	26°00'17
	-3262 Apr 05 j 11:49	0°♓	
morning set	-3262 Apr 15 j 18:41	19°♓48'56	
asc. node	-3262 Apr 19 j 20:16	28°♓31'14	
	-3262 Apr 20 j 12:35	0°♈	
superior conj	-3262 Apr 22 j 19:46	5°♈01'32	0°30'46
minimum elong	-3262 Apr 22 j 18:27	4°♈54'18	0°30'31
max. Earth dist.	-3262 Apr 23 j 09:29	6°♈16'31	1.32699 AU
evening rise	-3262 Apr 29 j 22:25	20°♈15'55	
	-3262 May 04 j 19:15	0°♉	
	-3262 May 23 j 12:32	0°♊	
evening max el	-3262 May 30 j 17:25	8°♊03'26	26°59'15
desc. node	-3262 May 31 j 18:55	9°♊02'38	
retrograde	-3262 Jun 13 j 16:39	15°♊23'32	
evening set	-3262 Jun 20 j 13:36	13°♊16'33	
min. Earth dist.	-3262 Jun 24 j 06:57	10°♊33'38	0.61028 AU
inferior conj	-3262 Jun 27 j 13:05	7°♊44'42	-4°-20'-24
minimum elong	-3262 Jun 27 j 14:48	7°♊40'57	4°20'13
morning rise	-3262 Jul 04 j 18:57	2°♊54'29	
direct	-3262 Jul 07 j 06:48	2°♊29'20	
morning max el	-3262 Jul 14 j 08:12	5°♊58'07	18°03'52
asc. node	-3262 Jul 16 j 19:40	8°♊42'57	
	-3262 Jul 29 j 16:20	0°♋	
morning set	-3262 Jul 30 j 07:16	1°♋09'03	
superior conj	-3262 Aug 09 j 11:45	19°♋41'56	1°38'49
minimum elong	-3262 Aug 09 j 15:19	19°♋57'44	1°38'42
	-3262 Aug 15 j 10:49	0°♌	
max. Earth dist.	-3262 Aug 17 j 00:58	2°♌40'11	1.41800 AU
evening rise	-3262 Aug 23 j 00:40	12°♌27'07	
desc. node	-3262 Aug 27 j 18:12	19°♌54'10	
	-3262 Sep 03 j 09:42	0°♍	
greatest brilliancy	-3262 Sep 20 j 04:41	23°♍11'57	-0.3m
evening max el	-3262 Sep 24 j 22:18	28°♍31'41	22°21'42
	-3262 Sep 26 j 10:52	0°♎	
retrograde	-3262 Oct 04 j 11:15	4°♎11'49	
evening set	-3262 Oct 08 j 23:17	2°♎23'50	
	-3262 Oct 11 j 08:23	30°℞♍	
asc. node	-3262 Oct 12 j 18:41	28°♍11'45	
inferior conj	-3262 Oct 14 j 08:00	26°♍04'34	0°31'57

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3262 Oct 14 j 07:15	26°♍07'07	0°31'37	
min. Earth dist.	-3262 Oct 14 j 07:38	26°♍05'47	0.67443 AU	
morning rise	-3262 Oct 19 j 15:06	19°♍48'54		
direct	-3262 Oct 24 j 04:31	17°♍58'08		
morning max el	-3262 Nov 02 j 17:10	23°♍37'50	22°23'32	
greatest brilliancy	-3262 Nov 07 j 09:43	28°♍54'57	-0.3m	
	-3262 Nov 08 j 06:47	0°♎		
desc. node	-3262 Nov 23 j 17:50	21°♎34'15		
	-3262 Nov 29 j 06:41	0°♏		
morning set	-3262 Dec 06 j 00:29	10°♏41'08		
max. Earth dist.	-3262 Dec 11 j 13:36	19°♏51'40	1.40777 AU	
	-3262 Dec 17 j 10:29	0°♐		
superior conj	-3262 Dec 19 j 07:53	3°♐21'54	-1°-55'-54	
minimum elong	-3262 Dec 19 j 07:05	3°♐18'23	1°56'00	
evening rise	-3262 Dec 29 j 11:21	22°♐05'48		
	-3261 Jan 02 j 17:17	0°♑		
asc. node	-3261 Jan 08 j 17:49	10°♑21'06		
evening max el	-3261 Jan 14 j 16:53	18°♑03'34	18°18'10	
retrograde	-3261 Jan 21 j 21:19	21°♑38'14		
evening set	-3261 Jan 24 j 09:59	21°♑12'42		
inferior conj	-3261 Jan 31 j 13:37	16°♑30'01	3°54'18	
minimum elong	-3261 Jan 31 j 15:22	16°♑26'15	3°54'03	
min. Earth dist.	-3261 Feb 03 j 22:10	13°♑38'45	0.59662 AU	
morning rise	-3261 Feb 07 j 17:33	10°♑57'07		
direct	-3261 Feb 14 j 06:12	9°♑02'09		
desc. node	-3261 Feb 19 j 17:06	10°♑17'18		
morning max el	-3261 Feb 28 j 12:04	16°♑40'57	27°07'11	
	-3261 Mar 11 j 11:38	0°♒		
	-3261 Mar 28 j 21:07	0°♓		
morning set	-3261 Mar 31 j 04:19	4°♓42'19		
asc. node	-3261 Apr 06 j 17:18	18°♓44'20		
superior conj	-3261 Apr 07 j 07:32	20°♓02'15	0°06'14	
minimum elong	-3261 Apr 07 j 07:15	20°♓00'44	0°06'10	
behind sun begin	-3261 Apr 07 j 02:37	19°♓35'21		
behind sun end	-3261 Apr 07 j 11:53	20°♓26'07		
max. Earth dist.	-3261 Apr 06 j 22:55	19°♓15'03	1.32528 AU	
	-3261 Apr 11 j 21:16	0°♈		
evening rise	-3261 Apr 14 j 07:33	5°♈09'48		
	-3261 Apr 27 j 14:00	0°♉		
evening max el	-3261 May 12 j 16:17	19°♉40'42	26°02'30	
desc. node	-3261 May 18 j 16:00	24°♉23'48		
retrograde	-3261 May 26 j 18:18	26°♉56'53		
evening set	-3261 Jun 01 j 20:00	25°♉26'37		
min. Earth dist.	-3261 Jun 06 j 04:54	22°♉45'08	0.58977 AU	
inferior conj	-3261 Jun 09 j 13:28	20°♉13'56	-4°-20'-30	
minimum elong	-3261 Jun 09 j 11:54	20°♉16'55	4°20'21	
morning rise	-3261 Jun 17 j 07:36	15°♉46'12		
direct	-3261 Jun 19 j 19:04	15°♉25'26		
morning max el	-3261 Jun 27 j 16:35	19°♉10'37	18°31'40	
asc. node	-3261 Jul 03 j 16:45	26°♉42'35		
	-3261 Jul 05 j 18:04	0°♊		
morning set	-3261 Jul 13 j 20:29	14°♊51'47		
	-3261 Jul 21 j 18:16	0°♋		
superior conj	-3261 Jul 22 j 22:02	2°♋09'44	1°48'12	
minimum elong	-3261 Jul 22 j 22:59	2°♋14'12	1°48'18	
max. Earth dist.	-3261 Jul 30 j 04:41	15°♋16'57	1.39894 AU	
evening rise	-3261 Aug 03 j 13:19	22°♋43'59		
	-3261 Aug 07 j 23:29	0°♌		
desc. node	-3261 Aug 14 j 15:13	10°♌25'09		
	-3261 Aug 28 j 08:37	0°♍		
evening max el	-3261 Sep 07 j 11:28	11°♍58'36	23°42'17	
retrograde	-3261 Sep 18 j 03:33	18°♍16'43		
evening set	-3261 Sep 23 j 05:49	16°♍09'20		
min. Earth dist.	-3261 Sep 28 j 03:59	10°♍23'55	0.67406 AU	
inferior conj	-3261 Sep 28 j 14:33	9°♍47'50	0°-21'-39	
minimum elong	-3261 Sep 28 j 15:04	9°♍46'05	0°21'25	
asc. node	-3261 Sep 29 j 15:48	8°♍22'19		
morning rise	-3261 Oct 04 j 00:27	3°♍36'14		
direct	-3261 Oct 08 j 00:11	2°♍06'34		
morning max el	-3261 Oct 16 j 10:30	7°♍03'57	21°03'05	
greatest brilliancy	-3261 Oct 22 j 01:13	13°♍38'07	-0.5m	
	-3261 Nov 02 j 16:45	0°♎		
desc. node	-3261 Nov 10 j 14:50	11°♎56'22		
morning set	-3261 Nov 15 j 07:46	19°♎13'35		
	-3261 Nov 22 j 02:30	0°♏		
max. Earth dist.	-3261 Nov 23 j 17:30	2°♏38'09	1.42634 AU	
superior conj	-3261 Nov 30 j 16:41	14°♏13'07	-1°-45'-48	
minimum elong	-3261 Nov 30 j 11:59	13°♏53'15	1°45'37	
	-3261 Dec 09 j 18:03	0°♐		
evening rise	-3261 Dec 12 j 08:21	4°♐38'30		
asc. node	-3261 Dec 26 j 14:52	28°♐14'28		
	-3261 Dec 28 j 01:57	0°♑		
evening max el	-3261 Dec 29 j 03:40	1°♑08'12	18°07'52	
retrograde	-3260 Jan 04 j 19:45	4°♑35'37		
evening set	-3260 Jan 07 j 11:27	4°♑02'41		
	-3260 Jan 13 j 01:03	30°℞♐		
inferior conj	-3260 Jan 14 j 02:28	28°♐58'24	4°00'09	
minimum elong	-3260 Jan 14 j 01:41	29°♐00'19	4°00'00	
min. Earth dist.	-3260 Jan 17 j 02:03	26°♐03'34	0.61672 AU	
morning rise	-3260 Jan 20 j 13:34	23°♐09'54		
direct	-3260 Jan 27 j 13:32	20°♐42'00		
desc. node	-3260 Feb 06 j 14:11	24°♐54'41		
morning max el	-3260 Feb 10 j 14:37	28°♐27'06	27°40'30	
	-3260 Feb 12 j 03:09	0°♑		
	-3260 Mar 04 j 05:18	0°♒		
morning set	-3260 Mar 14 j 09:51	19°♒21'06		
	-3260 Mar 19 j 11:22	0°♓		
max. Earth dist.	-3260 Mar 20 j 10:23	2°♓04'07	1.32704 AU	
superior conj	-3260 Mar 21 j 18:21	4°♓57'36	0°-19'-6	
minimum elong	-3260 Mar 21 j 19:13	5°♓02'19	0°18'59	
asc. node	-3260 Mar 23 j 14:19	8°♓57'03		
evening rise	-3260 Mar 28 j 18:51	20°♓07'29		
	-3260 Apr 02 j 15:23	0°♈		
	-3260 Apr 22 j 16:51	0°♉		
evening max el	-3260 Apr 23 j 09:38	0°♉41'02	24°41'10	
desc. node	-3260 May 04 j 13:05	7°♉26'51		
retrograde	-3260 May 07 j 09:18	7°♉45'34		
evening set	-3260 May 12 j 04:52	6°♉52'55		
min. Earth dist.	-3260 May 17 j 21:42	3°♉56'35	0.57089 AU	
inferior conj	-3260 May 20 j 18:21	2°♉04'33	-3°-47'-40	
minimum elong	-3260 May 20 j 13:12	2°♉13'00	3°46'42	
	-3260 May 24 j 02:24	30°℞♈		
morning rise	-3260 May 29 j 01:39	27°♈56'22		
direct	-3260 May 31 j 13:20	27°♈38'57		
	-3260 Jun 07 j 08:54	0°♉		
morning max el	-3260 Jun 09 j 17:20	1°♉54'54	19°19'51	
asc. node	-3260 Jun 19 j 13:49	15°♉25'01		
morning set	-3260 Jun 26 j 19:09	29°♉05'12		
	-3260 Jun 27 j 06:10	0°♊		
superior conj	-3260 Jul 05 j 01:40	15°♊31'28	1°47'18	
minimum elong	-3260 Jul 05 j 00:36	15°♊26'15	1°47'23	
max. Earth dist.	-3260 Jul 11 j 06:29	27°♊16'54	1.37948 AU	
	-3260 Jul 12 j 18:16	0°♋		
evening rise	-3260 Jul 15 j 03:57	4°♋17'33		
	-3260 Jul 31 j 00:39	0°♌		
desc. node	-3260 Jul 31 j 12:13	0°♌42'52		
evening max el	-3260 Aug 19 j 22:33	25°♌29'25	25°00'36	
	-3260 Aug 25 j 07:31	0°♍		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3260 Aug 31 j 15:49	2°♍18'23	
evening set	-3260 Sep 06 j 09:08	29°♌52'50	
	-3260 Sep 06 j 05:46	30°℞♌	
min. Earth dist.	-3260 Sep 10 j 22:19	24°♌42'50	0.67066 AU
inferior conj	-3260 Sep 11 j 19:31	23°♌32'50	-1°-15'-25
minimum elong	-3260 Sep 11 j 21:19	23°♌26'57	1°14'38
asc. node	-3260 Sep 15 j 12:55	19°♌03'28	
morning rise	-3260 Sep 17 j 09:55	17°♌28'27	
direct	-3260 Sep 20 j 22:00	16°♌17'21	
morning max el	-3260 Sep 28 j 11:03	20°♌38'47	19°53'54
	-3260 Oct 05 j 23:34	0°♍	
greatest brilliancy	-3260 Oct 06 j 03:48	0°♍14'49	-0.6m
morning set	-3260 Oct 24 j 05:35	27°♍25'46	
	-3260 Oct 25 j 21:21	0°♎	
desc. node	-3260 Oct 27 j 11:48	2°♎29'38	
max. Earth dist.	-3260 Nov 05 j 04:36	16°♎11'35	1.44025 AU
superior conj	-3260 Nov 09 j 22:08	23°♎47'32	-1°-19'-4
minimum elong	-3260 Nov 09 j 14:53	23°♎18'12	1°18'23
	-3260 Nov 13 j 17:23	0°♏	
evening rise	-3260 Nov 23 j 11:03	16°♏19'57	
	-3260 Dec 01 j 12:35	0°♐	
evening max el	-3260 Dec 11 j 16:19	14°♐25'27	18°16'44
asc. node	-3260 Dec 12 j 11:56	15°♐12'48	
retrograde	-3260 Dec 18 j 05:08	17°♐57'29	
evening set	-3260 Dec 21 j 00:39	17°♐15'50	
inferior conj	-3260 Dec 27 j 05:42	11°♐51'15	3°45'20
minimum elong	-3260 Dec 27 j 03:18	11°♐57'51	3°44'53
min. Earth dist.	-3260 Dec 29 j 15:16	9°♐13'15	0.63490 AU
morning rise	-3259 Jan 02 j 04:20	5°♐51'53	
direct	-3259 Jan 09 j 04:47	3°♐05'09	
morning max el	-3259 Jan 22 j 21:48	10°♐50'27	27°37'24
desc. node	-3259 Jan 23 j 11:14	11°♐24'07	
	-3259 Feb 07 j 01:53	0°♑	
	-3259 Feb 24 j 12:55	0°♒	
morning set	-3259 Feb 26 j 08:46	3°♒36'05	
max. Earth dist.	-3259 Mar 03 j 16:02	14°♒29'59	1.33268 AU
superior conj	-3259 Mar 06 j 02:25	19°♒40'31	0°-44'-19
minimum elong	-3259 Mar 06 j 04:24	19°♒51'08	0°44'02
asc. node	-3259 Mar 10 j 11:18	29°♒04'35	
	-3259 Mar 10 j 21:39	0°♓	
evening rise	-3259 Mar 13 j 06:27	5°♓01'37	
	-3259 Mar 26 j 20:35	0°♈	
evening max el	-3259 Apr 05 j 01:37	11°♈23'06	23°07'34
retrograde	-3259 Apr 18 j 11:10	18°♈00'00	
desc. node	-3259 Apr 21 j 10:11	17°♈40'45	
evening set	-3259 Apr 21 j 22:49	17°♈33'27	
min. Earth dist.	-3259 Apr 29 j 12:01	14°♈10'38	0.55712 AU
inferior conj	-3259 May 01 j 03:43	13°♈12'39	-2°-33'-47
minimum elong	-3259 Apr 30 j 21:47	13°♈21'22	2°32'04
morning rise	-3259 May 09 j 23:42	9°♈15'36	
direct	-3259 May 12 j 13:25	8°♈59'38	
morning max el	-3259 May 23 j 07:54	14°♈00'22	20°28'23
	-3259 Jun 03 j 22:15	0°♉	
asc. node	-3259 Jun 06 j 10:50	4°♉38'56	
morning set	-3259 Jun 11 j 00:18	13°♉40'30	
superior conj	-3259 Jun 18 j 17:40	29°♉31'57	1°38'41
minimum elong	-3259 Jun 18 j 15:25	29°♉20'34	1°38'36
	-3259 Jun 18 j 23:12	0°♊	
max. Earth dist.	-3259 Jun 23 j 12:51	9°♊04'23	1.36182 AU
evening rise	-3259 Jun 27 j 16:29	16°♊56'45	
	-3259 Jul 05 j 01:35	0°♋	
desc. node	-3259 Jul 18 j 09:15	20°♋40'30	
	-3259 Jul 25 j 08:43	0°♌	
evening max el	-3259 Aug 02 j 09:39	9°♌02'20	26°08'49
retrograde	-3259 Aug 14 j 23:18	16°♌11'35	
evening set	-3259 Aug 21 j 07:13	13°♌31'46	
min. Earth dist.	-3259 Aug 25 j 12:06	8°♌59'44	0.66393 AU
inferior conj	-3259 Aug 26 j 21:02	7°♌16'52	-2°-7'-37
minimum elong	-3259 Aug 26 j 23:59	7°♌07'40	2°06'27
morning rise	-3259 Sep 01 j 17:31	1°♌23'06	
asc. node	-3259 Sep 02 j 10:01	1°♌01'14	
direct	-3259 Sep 04 j 20:17	0°♌27'21	
morning max el	-3259 Sep 11 j 18:26	4°♌21'27	18°59'15
	-3259 Sep 29 j 16:03	0°♍	
morning set	-3259 Oct 03 j 17:45	6°♍25'34	
desc. node	-3259 Oct 14 j 08:47	23°♍10'11	
	-3259 Oct 18 j 16:52	0°♎	
max. Earth dist.	-3259 Oct 18 j 21:16	0°♎17'18	1.44771 AU
superior conj	-3259 Oct 20 j 04:13	2°♎19'24	0°-36'-30
minimum elong	-3259 Oct 19 j 23:33	2°♎01'01	0°35'55
evening rise	-3259 Nov 04 j 15:04	27°♎02'13	
	-3259 Nov 06 j 10:51	0°♏	
evening max el	-3259 Nov 25 j 04:08	27°♏49'32	18°43'44
	-3259 Nov 27 j 15:19	0°♐	
asc. node	-3259 Nov 29 j 09:00	1°♐01'25	
retrograde	-3259 Dec 01 j 21:35	1°♐36'18	
evening set	-3259 Dec 04 j 22:18	0°♐44'17	
	-3259 Dec 06 j 01:00	30°℞♏	
inferior conj	-3259 Dec 10 j 19:40	25°♏01'47	3°16'21
minimum elong	-3259 Dec 10 j 16:36	25°♏11'01	3°15'33
min. Earth dist.	-3259 Dec 12 j 14:16	22°♏53'26	0.64980 AU
morning rise	-3259 Dec 16 j 09:49	18°♏54'19	
direct	-3259 Dec 23 j 02:39	16°♏04'07	
morning max el	-3258 Jan 05 j 07:16	23°♏41'56	27°01'09
desc. node	-3258 Jan 10 j 08:16	29°♏13'40	
	-3258 Jan 10 j 23:44	0°♐	
	-3258 Jan 31 j 09:28	0°♑	
morning set	-3258 Feb 09 j 21:59	17°♑17'14	
max. Earth dist.	-3258 Feb 14 j 12:20	26°♑23'19	1.34259 AU
	-3258 Feb 16 j 06:41	0°♒	
superior conj	-3258 Feb 18 j 05:46	4°♒04'30	-1°-8'-20
minimum elong	-3258 Feb 18 j 08:38	4°♒19'32	1°07'59
asc. node	-3258 Feb 25 j 08:18	19°♒02'46	
evening rise	-3258 Feb 25 j 16:38	19°♒46'05	
	-3258 Mar 02 j 18:57	0°♓	
evening max el	-3258 Mar 17 j 22:23	22°♓14'05	21°35'45
retrograde	-3258 Mar 30 j 02:25	28°♓06'28	
evening set	-3258 Apr 01 j 16:33	27°♓51'20	
desc. node	-3258 Apr 08 j 07:15	25°♓19'13	
inferior conj	-3258 Apr 11 j 00:18	23°♓49'48	0°-45'-16
minimum elong	-3258 Apr 10 j 22:10	23°♓52'47	0°44'34
min. Earth dist.	-3258 Apr 11 j 01:39	23°♓47'55	0.55141 AU
morning rise	-3258 Apr 20 j 04:14	19°♓48'50	
direct	-3258 Apr 23 j 02:05	19°♓30'12	
morning max el	-3258 May 05 j 11:30	25°♓23'26	21°54'54
	-3258 May 09 j 17:37	0°♈	
asc. node	-3258 May 24 j 07:51	24°♈16'13	
morning set	-3258 May 26 j 09:37	28°♈30'58	
	-3258 May 27 j 02:45	0°♉	
superior conj	-3258 Jun 02 j 18:16	14°♉00'02	1°24'21
minimum elong	-3258 Jun 02 j 15:38	13°♉46'10	1°24'05
max. Earth dist.	-3258 Jun 06 j 04:10	21°♉03'28	1.34733 AU
evening rise	-3258 Jun 10 j 21:38	0°♊26'44	
	-3258 Jun 10 j 16:06	0°♊	
	-3258 Jun 28 j 02:41	0°♋	
desc. node	-3258 Jul 05 j 06:17	10°♋09'11	
evening max el	-3258 Jul 15 j 21:08	22°♋29'43	26°58'53
retrograde	-3258 Jul 29 j 01:32	29°♋49'38	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3258 Aug 04 j 21:42	27°♋02'53	
min. Earth dist.	-3258 Aug 08 j 18:58	23°♋09'33	0.65353 AU
inferior conj	-3258 Aug 10 j 17:01	20°♋56'18	-2°-56'-10
minimum elong	-3258 Aug 10 j 20:47	20°♋45'24	2°54'55
morning rise	-3258 Aug 16 j 21:07	15°♋16'32	
direct	-3258 Aug 19 j 16:51	14°♋32'51	
asc. node	-3258 Aug 20 j 07:06	14°♋34'47	
morning max el	-3258 Aug 26 j 06:48	18°♋08'31	18°20'51
	-3258 Sep 04 j 01:26	0°♌	
morning set	-3258 Sep 14 j 08:37	16°♌44'13	
	-3258 Sep 22 j 12:14	0°♍	
superior conj	-3258 Sep 29 j 04:28	10°♍39'37	0°13'07
minimum elong	-3258 Sep 29 j 06:09	10°♍46'14	0°12'56
behind sun begin	-3258 Sep 28 j 23:17	10°♍19'03	
behind sun end	-3258 Sep 29 j 13:00	11°♍13'24	
desc. node	-3258 Oct 01 j 05:45	13°♍54'28	
max. Earth dist.	-3258 Oct 01 j 15:50	14°♍34'15	1.44789 AU
	-3258 Oct 11 j 11:41	0°♎	
evening rise	-3258 Oct 15 j 18:28	6°♎42'08	
greatest brilliancy	-3258 Oct 30 j 10:37	29°♎21'18	-0.7m
	-3258 Oct 30 j 21:07	0°♏	
evening max el	-3258 Nov 08 j 12:39	11°♏15'32	19°27'33
retrograde	-3258 Nov 15 j 17:47	15°♏26'02	
asc. node	-3258 Nov 16 j 06:05	15°♏24'31	
evening set	-3258 Nov 19 j 01:33	14°♏21'30	
inferior conj	-3258 Nov 24 j 17:13	8°♏24'12	2°37'35
minimum elong	-3258 Nov 24 j 14:15	8°♏33'47	2°36'35
min. Earth dist.	-3258 Nov 25 j 22:00	6°♏51'16	0.66106 AU
morning rise	-3258 Nov 30 j 02:12	2°♏10'56	
	-3258 Dec 03 j 12:42	30°℞♎	
direct	-3258 Dec 06 j 06:23	29°♎29'30	
	-3258 Dec 09 j 04:11	0°♏	
morning max el	-3258 Dec 18 j 16:45	6°♏48'55	25°58'40
desc. node	-3258 Dec 28 j 05:17	17°♏59'08	
	-3257 Jan 05 j 18:23	0°♐	
morning set	-3257 Jan 23 j 21:14	0°♑11'08	
	-3257 Jan 23 j 18:49	0°♑	
max. Earth dist.	-3257 Jan 27 j 20:58	7°♑43'10	1.35690 AU
superior conj	-3257 Feb 02 j 01:51	18°♑01'06	-1°-29'-40
minimum elong	-3257 Feb 02 j 05:07	18°♑17'41	1°29'23
	-3257 Feb 07 j 21:59	0°♒	
evening rise	-3257 Feb 09 j 23:24	4°♒13'44	
asc. node	-3257 Feb 12 j 05:19	8°♒46'06	
	-3257 Feb 24 j 22:10	0°♓	
evening max el	-3257 Feb 28 j 04:38	3°♓34'28	20°16'23
retrograde	-3257 Mar 10 j 17:19	8°♓35'11	
evening set	-3257 Mar 12 j 23:53	8°♓22'09	
inferior conj	-3257 Mar 21 j 21:26	4°♓23'18	1°10'34
minimum elong	-3257 Mar 22 j 00:27	4°♓18'48	1°09'31
min. Earth dist.	-3257 Mar 23 j 15:42	3°♓20'34	0.55498 AU
desc. node	-3257 Mar 26 j 04:19	1°♓55'52	
morning rise	-3257 Mar 30 j 22:37	0°♓00'12	
	-3257 Mar 30 j 22:55	30°℞♒	
direct	-3257 Apr 03 j 15:48	29°♒30'03	
	-3257 Apr 07 j 07:21	0°♓	
morning max el	-3257 Apr 17 j 06:19	6°♓11'57	23°32'51
	-3257 May 04 j 01:45	0°♈	
morning set	-3257 May 10 j 21:15	13°♈30'31	
asc. node	-3257 May 11 j 04:52	14°♈10'27	
superior conj	-3257 May 18 j 00:40	28°♈46'54	1°05'49
minimum elong	-3257 May 17 j 22:13	28°♈33'44	1°05'28
	-3257 May 18 j 14:19	0°♉	
max. Earth dist.	-3257 May 20 j 05:04	3°♉26'03	1.33652 AU
evening rise	-3257 May 25 j 14:46	14°♉34'08	
	-3257 Jun 02 j 19:16	0°♊	
desc. node	-3257 Jun 22 j 03:19	28°♊56'41	
	-3257 Jun 23 j 00:36	0°♋	
evening max el	-3257 Jun 28 j 07:53	5°♋40'51	27°23'40
retrograde	-3257 Jul 11 j 22:22	13°♋04'22	
evening set	-3257 Jul 19 j 01:35	10°♋22'00	
min. Earth dist.	-3257 Jul 22 j 17:02	7°♋04'02	0.63928 AU
inferior conj	-3257 Jul 25 j 05:01	4°♋26'30	-3°-38'-15
minimum elong	-3257 Jul 25 j 08:56	4°♋16'11	3°37'17
	-3257 Jul 30 j 01:54	30°℞♊	
morning rise	-3257 Jul 31 j 18:08	29°♊03'55	
direct	-3257 Aug 03 j 09:07	28°♊29'20	
asc. node	-3257 Aug 07 j 04:11	29°♊41'33	
	-3257 Aug 07 j 15:24	0°♋	
morning max el	-3257 Aug 09 j 21:42	1°♋55'19	17°59'45
morning set	-3257 Aug 27 j 01:57	28°♋18'49	
	-3257 Aug 28 j 01:29	0°♌	
superior conj	-3257 Sep 08 j 21:11	19°♌51'38	0°57'00
minimum elong	-3257 Sep 09 j 02:38	20°♌13'56	0°56'25
max. Earth dist.	-3257 Sep 14 j 08:39	28°♌42'38	1.44088 AU
	-3257 Sep 15 j 04:04	0°♍	
desc. node	-3257 Sep 18 j 02:45	4°♍39'49	
evening rise	-3257 Sep 25 j 02:58	15°♍35'27	
	-3257 Oct 04 j 13:38	0°♎	
greatest brilliancy	-3257 Oct 16 j 07:28	16°♎59'44	-0.5m
evening max el	-3257 Oct 22 j 16:05	24°♎42'08	20°26'17
retrograde	-3257 Oct 30 j 15:11	29°♎23'43	
evening set	-3257 Nov 03 j 08:09	28°♎04'16	
asc. node	-3257 Nov 03 j 03:10	28°♎12'58	
inferior conj	-3257 Nov 08 j 19:53	21°♎55'39	1°52'06
minimum elong	-3257 Nov 08 j 17:32	22°♎03'37	1°51'10
min. Earth dist.	-3257 Nov 09 j 12:30	20°♎59'36	0.66882 AU
morning rise	-3257 Nov 14 j 02:24	15°♎39'07	
direct	-3257 Nov 19 j 15:42	13°♎14'30	
morning max el	-3257 Dec 01 j 01:28	20°♎02'21	24°39'10
	-3257 Dec 09 j 14:30	0°♏	
desc. node	-3257 Dec 15 j 02:19	7°♏24'34	
	-3257 Dec 29 j 22:39	0°♐	
morning set	-3256 Jan 06 j 01:00	12°♐02'30	
max. Earth dist.	-3256 Jan 09 j 19:30	18°♐47'45	1.37523 AU
	-3256 Jan 15 j 18:37	0°♑	
superior conj	-3256 Jan 16 j 11:30	1°♑21'40	-1°-46'-17
minimum elong	-3256 Jan 16 j 14:18	1°♑35'15	1°46'12
evening rise	-3256 Jan 25 j 00:38	18°♑18'23	
asc. node	-3256 Jan 30 j 02:21	28°♑08'56	
	-3256 Jan 31 j 02:27	0°♒	
evening max el	-3256 Feb 10 j 21:38	15°♒31'34	19°14'54
retrograde	-3256 Feb 19 j 19:35	19°♒46'49	
evening set	-3256 Feb 22 j 03:15	19°♒30'48	
inferior conj	-3256 Mar 01 j 08:16	15°♒20'32	2°42'55
minimum elong	-3256 Mar 01 j 13:10	15°♒12'15	2°41'35
min. Earth dist.	-3256 Mar 04 j 06:54	13°♒22'05	0.56710 AU
morning rise	-3256 Mar 09 j 19:12	10°♒26'40	
desc. node	-3256 Mar 12 j 01:25	9°♒47'18	
direct	-3256 Mar 14 j 17:02	9°♒30'47	
morning max el	-3256 Mar 28 j 21:18	16°♒46'19	25°10'20
	-3256 Apr 08 j 15:27	0°♓	
morning set	-3256 Apr 24 j 09:25	28°♓32'33	
	-3256 Apr 25 j 02:00	0°♈	
asc. node	-3256 Apr 27 j 01:52	4°♈15'43	
superior conj	-3256 May 01 j 10:34	13°♈44'26	0°44'14
minimum elong	-3256 May 01 j 08:45	13°♈34'29	0°43'54
max. Earth dist.	-3256 May 02 j 13:30	16°♈10'39	1.32940 AU
evening rise	-3256 May 08 j 16:13	29°♈07'02	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3256 May 09 j 02:36	0°♉	
	-3256 May 25 j 23:29	0°♊	
desc. node	-3256 Jun 08 j 00:23	16°♊45'01	
evening max el	-3256 Jun 09 j 15:50	18°♊23'02	27°17'43
retrograde	-3256 Jun 23 j 12:56	25°♊45'30	
evening set	-3256 Jun 30 j 15:04	23°♊21'41	
min. Earth dist.	-3256 Jul 04 j 05:20	20°♊29'52	0.62157 AU
inferior conj	-3256 Jul 07 j 06:00	17°♊40'02	-4°-9'-40
minimum elong	-3256 Jul 07 j 08:57	17°♊33'07	4°09'12
morning rise	-3256 Jul 14 j 05:25	12°♊37'18	
direct	-3256 Jul 16 j 17:45	12°♊09'21	
morning max el	-3256 Jul 23 j 12:17	15°♊34'34	17°56'50
asc. node	-3256 Jul 24 j 01:16	16°♊07'21	
	-3256 Aug 02 j 13:34	0°♋	
morning set	-3256 Aug 08 j 16:25	10°♋53'40	
	-3256 Aug 19 j 11:24	0°♌	
superior conj	-3256 Aug 19 j 16:51	0°♌23'25	1°27'40
minimum elong	-3256 Aug 19 j 21:47	0°♌44'32	1°27'20
max. Earth dist.	-3256 Aug 26 j 20:51	12°♌23'46	1.42772 AU
evening rise	-3256 Sep 03 j 08:56	24°♌24'26	
desc. node	-3256 Sep 03 j 23:45	25°♌22'25	
	-3256 Sep 06 j 23:21	0°♍	
	-3256 Sep 27 j 16:26	0°♎	
greatest brilliancy	-3256 Sep 29 j 14:10	2°♎26'08	-0.4m
evening max el	-3256 Oct 04 j 13:29	8°♎08'17	21°37'11
retrograde	-3256 Oct 13 j 11:42	13°♎26'20	
evening set	-3256 Oct 17 j 16:07	11°♎49'30	
asc. node	-3256 Oct 20 j 00:16	9°♎31'52	
inferior conj	-3256 Oct 23 j 01:31	5°♎33'14	1°02'06
minimum elong	-3256 Oct 23 j 00:07	5°♎38'03	1°01'30
min. Earth dist.	-3256 Oct 23 j 07:13	5°♎13'35	0.67329 AU
	-3256 Oct 27 j 12:46	30°℞♍	
morning rise	-3256 Oct 28 j 07:49	29°♍16'17	
direct	-3256 Nov 02 j 05:48	27°♍12'36	
	-3256 Nov 08 j 18:44	0°♎	
morning max el	-3256 Nov 12 j 10:56	3°♎18'19	23°12'42
greatest brilliancy	-3256 Nov 17 j 15:01	9°♎07'42	-0.3m
desc. node	-3256 Nov 30 j 23:22	27°♎18'24	
	-3256 Dec 02 j 19:06	0°♏	
morning set	-3256 Dec 17 j 03:08	22°♏35'50	
	-3256 Dec 21 j 11:43	0°♐	
max. Earth dist.	-3256 Dec 21 j 14:48	0°♐13'21	1.39588 AU
superior conj	-3256 Dec 29 j 06:32	13°♐55'33	-1°-55'-24
minimum elong	-3256 Dec 29 j 07:31	14°♐00'05	1°55'31
	-3255 Jan 06 j 18:01	0°♑	
evening rise	-3255 Jan 07 j 17:39	1°♑53'42	
asc. node	-3255 Jan 15 j 23:24	17°♑04'33	
evening max el	-3255 Jan 23 j 23:48	28°♑01'47	18°33'11
	-3255 Jan 26 j 09:21	0°♒	
retrograde	-3255 Jan 31 j 15:55	1°♒46'22	
evening set	-3255 Feb 03 j 02:57	1°♒24'36	
	-3255 Feb 06 j 06:45	30°℞♑	
inferior conj	-3255 Feb 10 j 15:10	26°♑54'47	3°38'17
minimum elong	-3255 Feb 10 j 18:29	26°♑48'16	3°37'42
min. Earth dist.	-3255 Feb 14 j 00:37	24°♑16'16	0.58505 AU
morning rise	-3255 Feb 18 j 06:23	21°♑34'15	
direct	-3255 Feb 24 j 07:42	20°♑01'16	
desc. node	-3255 Feb 26 j 22:31	20°♑18'25	
morning max el	-3255 Mar 10 j 14:18	27°♑34'06	26°32'22
	-3255 Mar 12 j 23:00	0°♒	
	-3255 Apr 02 j 01:11	0°♓	
morning set	-3255 Apr 08 j 20:31	13°♓31'09	
asc. node	-3255 Apr 13 j 22:53	24°♓27'27	
superior conj	-3255 Apr 15 j 22:10	28°♓46'07	0°20'32
minimum elong	-3255 Apr 15 j 21:16	28°♓41'11	0°20'21
max. Earth dist.	-3255 Apr 16 j 02:11	29°♓08'04	1.32581 AU
	-3255 Apr 16 j 11:40	0°♈	
evening rise	-3255 Apr 22 j 23:16	13°♈56'08	
	-3255 May 01 j 04:25	0°♉	
	-3255 May 22 j 07:47	0°♊	
evening max el	-3255 May 22 j 18:42	0°♊26'22	26°38'51
desc. node	-3255 May 25 j 21:26	3°♊09'25	
retrograde	-3255 Jun 05 j 19:43	7°♊45'00	
evening set	-3255 Jun 12 j 09:50	5°♊53'07	
min. Earth dist.	-3255 Jun 16 j 08:08	3°♊12'40	0.60158 AU
inferior conj	-3255 Jun 19 j 16:28	0°♊28'42	-4°-23'-50
minimum elong	-3255 Jun 19 j 16:57	0°♊27'44	4°23'44
	-3255 Jun 20 j 06:31	30°℞♉	
morning rise	-3255 Jun 27 j 03:23	25°♉47'45	
direct	-3255 Jun 29 j 14:55	25°♉24'36	
morning max el	-3255 Jul 06 j 23:43	28°♉59'06	18°13'06
	-3255 Jul 07 j 23:42	0°♊	
asc. node	-3255 Jul 10 j 22:20	3°♊36'57	
morning set	-3255 Jul 22 j 22:40	24°♊15'16	
	-3255 Jul 25 j 23:53	0°♋	
superior conj	-3255 Aug 01 j 14:33	12°♋12'48	1°44'14
minimum elong	-3255 Aug 01 j 17:00	12°♋23'50	1°44'13
max. Earth dist.	-3255 Aug 09 j 03:40	25°♋26'28	1.41021 AU
	-3255 Aug 11 j 20:48	0°♌	
evening rise	-3255 Aug 14 j 07:21	4°♌00'47	
desc. node	-3255 Aug 21 j 20:44	15°♌58'45	
	-3255 Aug 31 j 06:57	0°♍	
greatest brilliancy	-3255 Sep 12 j 03:51	15°♍54'54	-0.3m
evening max el	-3255 Sep 17 j 05:19	21°♍34'58	22°55'51
retrograde	-3255 Sep 27 j 05:45	27°♍31'12	
evening set	-3255 Oct 01 j 23:40	25°♍35'09	
asc. node	-3255 Oct 06 j 21:24	19°♍52'03	
inferior conj	-3255 Oct 07 j 08:14	19°♍14'44	0°09'19
minimum elong	-3255 Oct 07 j 08:01	19°♍15'29	0°09'14
transit middle	-3255 Oct 07 j 08:01	19°♍15'29	0°09'14
transit begin	-3255 Oct 07 j 05:47	19°♍23'10	
transit end	-3255 Oct 07 j 10:14	19°♍07'49	
min. Earth dist.	-3255 Oct 07 j 03:37	19°♍30'38	0.67470 AU
morning rise	-3255 Oct 12 j 16:18	13°♍00'24	
direct	-3255 Oct 16 j 23:48	11°♍18'36	
morning max el	-3255 Oct 26 j 00:29	16°♍39'19	21°48'06
greatest brilliancy	-3255 Oct 30 j 22:35	22°♍16'17	-0.4m
	-3255 Nov 05 j 19:08	0°♎	
desc. node	-3255 Nov 17 j 20:23	17°♎31'58	
	-3255 Nov 25 j 21:46	0°♏	
morning set	-3255 Nov 27 j 00:21	1°♏45'29	
max. Earth dist.	-3255 Dec 03 j 14:54	12°♏29'58	1.41613 AU
superior conj	-3255 Dec 11 j 05:30	25°♏28'19	-1°-53'-29
minimum elong	-3255 Dec 11 j 03:07	25°♏17'54	1°53'32
	-3255 Dec 13 j 19:02	0°♐	
evening rise	-3255 Dec 21 j 23:06	14°♐51'30	
	-3255 Dec 30 j 10:02	0°♑	
asc. node	-3254 Jan 02 j 20:27	5°♑23'35	
evening max el	-3254 Jan 07 j 08:15	10°♑55'56	18°11'24
retrograde	-3254 Jan 14 j 05:59	14°♑25'38	
evening set	-3254 Jan 16 j 20:04	13°♑56'54	
inferior conj	-3254 Jan 23 j 17:57	9°♑04'50	3°59'47
minimum elong	-3254 Jan 23 j 18:32	9°♑03'28	3°59'39
min. Earth dist.	-3254 Jan 26 j 23:36	6°♑09'26	0.60531 AU
morning rise	-3254 Jan 30 j 14:15	3°♑24'55	
direct	-3254 Feb 06 j 09:17	1°♑14'42	
desc. node	-3254 Feb 13 j 19:38	3°♑34'15	
morning max el	-3254 Feb 20 j 13:07	8°♑55'54	27°25'50
	-3254 Mar 08 j 17:23	0°♒	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3254 Mar 24 j 04:37	28°♒18'38	
	-3254 Mar 25 j 00:09	0°♓	
max. Earth dist.	-3254 Mar 30 j 15:19	12°♓04'19	1.32562 AU
superior conj	-3254 Mar 31 j 09:42	13°♓44'44	0°-4'-28
minimum elong	-3254 Mar 31 j 09:54	13°♓45'51	0°04'28
behind sun begin	-3254 Mar 31 j 05:03	13°♓19'20	
behind sun end	-3254 Mar 31 j 14:45	14°♓12'22	
asc. node	-3254 Mar 31 j 19:54	14°♓40'32	
evening rise	-3254 Apr 07 j 09:33	28°♓52'16	
	-3254 Apr 07 j 22:28	0°♈	
	-3254 Apr 24 j 19:45	0°♉	
evening max el	-3254 May 04 j 15:05	11°♉46'27	25°30'18
desc. node	-3254 May 12 j 18:30	17°♉36'14	
retrograde	-3254 May 18 j 16:41	18°♉58'09	
evening set	-3254 May 24 j 06:42	17°♉44'39	
min. Earth dist.	-3254 May 29 j 03:18	14°♉58'41	0.58140 AU
inferior conj	-3254 Jun 01 j 08:47	12°♉42'04	-4°-11'-17
minimum elong	-3254 Jun 01 j 05:34	12°♉47'46	4°10'52
morning rise	-3254 Jun 09 j 08:24	8°♉23'03	
direct	-3254 Jun 11 j 20:05	8°♉03'40	
morning max el	-3254 Jun 20 j 05:03	11°♉59'56	18°49'38
asc. node	-3254 Jun 27 j 19:24	21°♉55'47	
	-3254 Jul 02 j 09:38	0°♊	
morning set	-3254 Jul 06 j 16:20	8°♊12'13	
superior conj	-3254 Jul 15 j 08:54	25°♊05'19	1°48'55
minimum elong	-3254 Jul 15 j 08:54	25°♊05'19	1°49'01
	-3254 Jul 17 j 23:39	0°♋	
max. Earth dist.	-3254 Jul 22 j 06:30	7°♋47'58	1.39063 AU
evening rise	-3254 Jul 26 j 07:16	14°♋50'35	
	-3254 Aug 04 j 13:27	0°♌	
desc. node	-3254 Aug 08 j 17:43	6°♌24'45	
	-3254 Aug 26 j 01:53	0°♍	
evening max el	-3254 Aug 30 j 17:23	5°♍03'54	24°16'17
retrograde	-3254 Sep 10 j 20:17	11°♍35'31	
evening set	-3254 Sep 16 j 05:03	9°♍19'59	
min. Earth dist.	-3254 Sep 20 j 23:17	3°♍49'34	0.67307 AU
inferior conj	-3254 Sep 21 j 14:19	2°♍58'54	0°-44'-33
minimum elong	-3254 Sep 21 j 15:22	2°♍55'20	0°44'03
asc. node	-3254 Sep 23 j 18:30	0°♍08'37	
	-3254 Sep 23 j 21:20	30°℞♌	
morning rise	-3254 Sep 27 j 01:56	26°♌50'13	
direct	-3254 Sep 30 j 20:31	25°♌28'48	
	-3254 Oct 08 j 17:12	0°♍	
morning max el	-3254 Oct 08 j 20:53	0°♍09'21	20°32'04
greatest brilliancy	-3254 Oct 15 j 04:54	7°♍44'45	-0.5m
	-3254 Oct 30 j 12:13	0°♎	
desc. node	-3254 Nov 04 j 17:22	7°♎59'29	
morning set	-3254 Nov 06 j 00:49	10°♎01'13	
max. Earth dist.	-3254 Nov 15 j 22:41	25°♎40'46	1.43299 AU
	-3254 Nov 18 j 14:37	0°♏	
superior conj	-3254 Nov 22 j 02:53	5°♏47'00	-1°-36'-36
minimum elong	-3254 Nov 21 j 20:42	5°♏21'20	1°36'11
evening rise	-3254 Dec 04 j 12:55	27°♏03'47	
	-3254 Dec 06 j 05:05	0°♐	
asc. node	-3254 Dec 20 j 17:31	22°♐55'07	
evening max el	-3254 Dec 21 j 20:08	24°♐06'24	18°09'16
retrograde	-3254 Dec 28 j 09:46	27°♐34'36	
evening set	-3254 Dec 31 j 02:59	26°♐58'03	
inferior conj	-3253 Jan 06 j 13:24	21°♐44'33	3°55'57
minimum elong	-3253 Jan 06 j 11:49	21°♐48'39	3°55'42
min. Earth dist.	-3253 Jan 09 j 07:11	18°♐55'06	0.62480 AU
morning rise	-3253 Jan 12 j 18:41	15°♐50'53	
direct	-3253 Jan 19 j 19:52	13°♐13'28	
desc. node	-3253 Jan 31 j 16:43	19°♐03'34	
morning max el	-3253 Feb 02 j 18:05	20°♐58'59	27°43'37
	-3253 Feb 10 j 14:56	0°♑	
	-3253 Mar 01 j 16:52	0°♒	
morning set	-3253 Mar 08 j 07:39	12°♒47'54	
max. Earth dist.	-3253 Mar 14 j 00:57	24°♒45'24	1.32901 AU
superior conj	-3253 Mar 15 j 19:32	28°♒34'47	0°-29'-52
minimum elong	-3253 Mar 15 j 20:53	28°♒42'07	0°29'41
	-3253 Mar 16 j 11:16	0°♓	
asc. node	-3253 Mar 18 j 16:53	4°♓50'59	
evening rise	-3253 Mar 22 j 21:10	13°♓48'41	
	-3253 Mar 31 j 02:32	0°♈	
evening max el	-3253 Apr 16 j 06:54	22°♈34'18	24°01'50
desc. node	-3253 Apr 29 j 15:35	29°♈29'10	
retrograde	-3253 Apr 30 j 02:01	29°♈29'36	
evening set	-3253 May 04 j 07:46	28°♈49'38	
min. Earth dist.	-3253 May 10 j 18:20	25°♈43'33	0.56421 AU
inferior conj	-3253 May 13 j 04:53	24°♈13'04	-3°-21'-24
minimum elong	-3253 May 12 j 22:51	24°♈22'27	3°19'59
morning rise	-3253 May 21 j 17:52	20°♈11'29	
direct	-3253 May 24 j 06:06	19°♈55'00	
morning max el	-3253 Jun 03 j 01:40	24°♈27'54	19°46'44
	-3253 Jun 07 j 21:37	0°♉	
asc. node	-3253 Jun 14 j 16:25	10°♉52'04	
morning set	-3253 Jun 20 j 18:01	22°♉35'21	
	-3253 Jun 24 j 09:52	0°♊	
superior conj	-3253 Jun 28 j 18:18	8°♊44'51	1°44'28
minimum elong	-3253 Jun 28 j 16:38	8°♊36'34	1°44'29
max. Earth dist.	-3253 Jul 04 j 09:29	19°♊38'57	1.37157 AU
evening rise	-3253 Jul 08 j 07:46	26°♊52'58	
	-3253 Jul 10 j 01:43	0°♋	
desc. node	-3253 Jul 26 j 14:42	26°♋34'41	
	-3253 Jul 29 j 00:05	0°♌	
evening max el	-3253 Aug 13 j 04:04	18°♌35'12	25°31'17
retrograde	-3253 Aug 25 j 06:36	25°♌34'29	
evening set	-3253 Aug 31 j 06:24	23°♌01'51	
min. Earth dist.	-3253 Sep 04 j 15:52	18°♌08'02	0.66822 AU
inferior conj	-3253 Sep 05 j 18:01	16°♌43'32	-1°-37'-53
minimum elong	-3253 Sep 05 j 20:19	16°♌36'05	1°36'54
asc. node	-3253 Sep 10 j 15:36	11°♌17'54	
morning rise	-3253 Sep 11 j 10:50	10°♌43'32	
direct	-3253 Sep 14 j 18:37	9°♌39'33	
morning max el	-3253 Sep 22 j 00:36	13°♌48'15	19°28'49
greatest brilliancy	-3253 Oct 01 j 05:29	25°♌42'21	-0.7m
	-3253 Oct 04 j 02:52	0°♍	
morning set	-3253 Oct 16 j 02:12	18°♍26'53	
desc. node	-3253 Oct 22 j 14:18	28°♍36'07	
	-3253 Oct 23 j 11:43	0°♎	
max. Earth dist.	-3253 Oct 29 j 12:29	9°♎29'57	1.44427 AU
superior conj	-3253 Nov 01 j 21:04	14°♎50'20	-1°-2'-36
minimum elong	-3253 Nov 01 j 14:10	14°♎22'50	1°01'50
	-3253 Nov 11 j 05:35	0°♏	
evening rise	-3253 Nov 16 j 06:27	8°♏20'53	
	-3253 Nov 29 j 13:38	0°♐	
evening max el	-3253 Dec 05 j 08:38	7°♐26'23	18°26'01
asc. node	-3253 Dec 07 j 14:35	9°♐25'20	
retrograde	-3253 Dec 11 j 22:43	11°♐03'57	
evening set	-3253 Dec 14 j 20:08	10°♐18'15	
inferior conj	-3253 Dec 20 j 21:38	4°♐45'36	3°34'29
minimum elong	-3253 Dec 20 j 18:51	4°♐53'37	3°33'52
min. Earth dist.	-3253 Dec 23 j 00:48	2°♐18'57	0.64165 AU
	-3253 Dec 25 j 05:32	30°℞♏	
morning rise	-3253 Dec 26 j 16:11	28°♏42'10	
direct	-3252 Jan 02 j 14:03	25°♏52'12	
	-3252 Jan 12 j 01:58	0°♐	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3252 Jan 16 j 02:47	3°♐36'17	27°25'41	
desc. node	-3252 Jan 18 j 13:46	6°♐10'16		
	-3252 Feb 05 j 00:59	0°♑		
morning set	-3252 Feb 20 j 02:55	26°♑50'00		
	-3252 Feb 21 j 17:10	0°♒		
max. Earth dist.	-3252 Feb 25 j 03:04	6°♒58'16	1.33631 AU	
superior conj	-3252 Feb 28 j 01:51	13°♒10'17	0°-54'-45	
minimum elong	-3252 Feb 28 j 04:15	13°♒23'01	0°54'25	
asc. node	-3252 Mar 04 j 13:54	24°♒54'58		
evening rise	-3252 Mar 06 j 08:23	28°♒39'12		
	-3252 Mar 06 j 23:52	0°♓		
	-3252 Mar 24 j 21:48	0°♈		
evening max el	-3252 Mar 28 j 00:03	3°♈16'40	22°27'33	
retrograde	-3252 Apr 09 j 23:16	9°♈37'10		
evening set	-3252 Apr 12 j 23:45	9°♈17'08		
desc. node	-3252 Apr 15 j 12:41	8°♈31'38		
min. Earth dist.	-3252 Apr 21 j 08:25	5°♈38'51	0.55349 AU	
inferior conj	-3252 Apr 22 j 07:36	5°♈05'51	-1°-50'-48	
minimum elong	-3252 Apr 22 j 02:47	5°♈12'43	1°49'16	
morning rise	-3252 May 01 j 07:55	1°♈09'23		
direct	-3252 May 03 j 23:40	0°♈53'11		
morning max el	-3252 May 15 j 11:43	6°♈16'14	21°03'21	
	-3252 May 31 j 09:59	0°♉		
asc. node	-3252 May 31 j 13:25	0°♉16'47		
morning set	-3252 Jun 04 j 01:12	7°♉17'57		
superior conj	-3252 Jun 11 j 14:24	22°♉58'47	1°33'13	
minimum elong	-3252 Jun 11 j 11:54	22°♉45'55	1°33'03	
	-3252 Jun 15 j 01:23	0°♊		
max. Earth dist.	-3252 Jun 15 j 18:56	1°♊27'23	1.35513 AU	
evening rise	-3252 Jun 20 j 04:02	9°♊55'56		
	-3252 Jul 01 j 14:47	0°♋		
desc. node	-3252 Jul 12 j 11:43	16°♋21'27		
	-3252 Jul 23 j 13:20	0°♌		
evening max el	-3252 Jul 25 j 15:14	2°♌06'36	26°32'46	
retrograde	-3252 Aug 07 j 12:09	9°♌22'23		
evening set	-3252 Aug 14 j 01:37	6°♌38'23		
min. Earth dist.	-3252 Aug 18 j 03:03	2°♌22'51	0.65993 AU	
inferior conj	-3252 Aug 19 j 17:28	0°♌26'20	-2°-28'-48	
minimum elong	-3252 Aug 19 j 20:49	0°♌16'10	2°27'34	
	-3252 Aug 20 j 02:09	30°℞♋		
morning rise	-3252 Aug 25 j 17:01	24°♋38'05		
asc. node	-3252 Aug 27 j 12:40	23°♋55'35		
direct	-3252 Aug 28 j 16:23	23°♋48'02		
morning max el	-3252 Sep 04 j 10:25	27°♋33'37	18°40'50	
	-3252 Sep 06 j 14:41	0°♌		
morning set	-3252 Sep 25 j 01:05	27°♌58'36		
	-3252 Sep 26 j 07:24	0°♍		
desc. node	-3252 Oct 08 j 11:16	19°♍18'37		
superior conj	-3252 Oct 10 j 21:56	23°♍09'43	0°-15'-33	
minimum elong	-3252 Oct 10 j 19:53	23°♍01'37	0°15'17	
behind sun begin	-3252 Oct 10 j 15:50	22°♍45'40		
behind sun end	-3252 Oct 10 j 23:55	23°♍17'33		
max. Earth dist.	-3252 Oct 11 j 05:48	23°♍40'41	1.44869 AU	
	-3252 Oct 15 j 06:09	0°♎		
evening rise	-3252 Oct 26 j 23:54	18°♎35'56		
	-3252 Nov 03 j 03:28	0°♏		
evening max el	-3252 Nov 17 j 19:19	20°♏51'34	19°00'26	
asc. node	-3252 Nov 23 j 11:40	24°♏39'06		
retrograde	-3252 Nov 24 j 17:03	24°♏47'30		
evening set	-3252 Nov 27 j 20:26	23°♏50'37		
inferior conj	-3252 Dec 03 j 15:11	18°♏01'39	3°00'54	
minimum elong	-3252 Dec 03 j 12:05	18°♏11'19	2°59'58	
min. Earth dist.	-3252 Dec 05 j 03:50	16°♏07'36	0.65506 AU	
morning rise	-3252 Dec 09 j 02:46	11°♏51'18		
direct	-3252 Dec 15 j 14:43	9°♏03'12		
morning max el	-3252 Dec 28 j 12:23	16°♏35'21	26°37'07	
desc. node	-3251 Jan 04 j 10:48	24°♏25'52		
	-3251 Jan 08 j 17:23	0°♐		
	-3251 Jan 27 j 21:01	0°♑		
morning set	-3251 Feb 02 j 10:47	10°♑12'46		
max. Earth dist.	-3251 Feb 06 j 18:11	18°♑34'46	1.34807 AU	
superior conj	-3251 Feb 11 j 02:27	27°♑23'36	-1°-17'-51	
minimum elong	-3251 Feb 11 j 05:34	27°♑39'44	1°17'29	
	-3251 Feb 12 j 08:38	0°♒		
evening rise	-3251 Feb 18 j 17:21	13°♒16'55		
asc. node	-3251 Feb 19 j 10:55	14°♒47'19		
	-3251 Feb 27 j 10:09	0°♓		
evening max el	-3251 Mar 10 j 00:39	14°♓19'01	21°00'09	
retrograde	-3251 Mar 21 j 12:44	19°♓49'06		
evening set	-3251 Mar 23 j 21:55	19°♓35'50		
inferior conj	-3251 Apr 02 j 02:40	15°♓37'59	0°04'58	
minimum elong	-3251 Apr 02 j 02:54	15°♓37'40	0°04'51	
transit middle	-3251 Apr 02 j 02:54	15°♓37'40	0°04'51	
transit begin	-3251 Apr 01 j 23:00	15°♓43'12		
transit end	-3251 Apr 02 j 06:48	15°♓32'07		
desc. node	-3251 Apr 02 j 09:47	15°♓27'52		
min. Earth dist.	-3251 Apr 02 j 22:30	15°♓09'47	0.55174 AU	
morning rise	-3251 Apr 11 j 06:54	11°♓29'07		
direct	-3251 Apr 14 j 11:32	11°♓06'54		
morning max el	-3251 Apr 27 j 11:08	17°♓22'54	22°35'42	
	-3251 May 07 j 12:16	0°♈		
asc. node	-3251 May 18 j 10:26	20°♈01'45		
morning set	-3251 May 19 j 11:43	22°♈12'40		
	-3251 May 23 j 04:10	0°♉		
superior conj	-3251 May 26 j 17:47	7°♉35'38	1°16'56	
minimum elong	-3251 May 26 j 15:09	7°♉21'42	1°16'37	
max. Earth dist.	-3251 May 29 j 14:23	13°♉35'23	1.34228 AU	
evening rise	-3251 Jun 03 j 14:49	23°♉43'30		
	-3251 Jun 06 j 21:21	0°♊		
	-3251 Jun 25 j 05:09	0°♋		
desc. node	-3251 Jun 29 j 08:47	5°♋34'12		
evening max el	-3251 Jul 08 j 02:48	15°♋28'54	27°12'59	
retrograde	-3251 Jul 21 j 12:15	22°♋51'00		
evening set	-3251 Jul 28 j 12:00	20°♋04'52		
min. Earth dist.	-3251 Aug 01 j 06:35	16°♋26'54	0.64790 AU	
inferior conj	-3251 Aug 03 j 10:24	14°♋02'31	-3°-15'-2	
minimum elong	-3251 Aug 03 j 14:20	13°♋51'32	3°13'52	
morning rise	-3251 Aug 09 j 18:08	8°♋29'21		
direct	-3251 Aug 12 j 11:33	7°♋49'52		
asc. node	-3251 Aug 14 j 09:44	8°♋09'30		
morning max el	-3251 Aug 19 j 00:07	11°♋20'38	18°09'39	
	-3251 Aug 31 j 20:43	0°♌		
morning set	-3251 Sep 06 j 03:46	8°♌51'10		
	-3251 Sep 19 j 00:36	0°♍		
superior conj	-3251 Sep 20 j 02:57	1°♍45'40	0°33'02	
minimum elong	-3251 Sep 20 j 06:48	2°♍01'06	0°32'35	
max. Earth dist.	-3251 Sep 23 j 23:53	7°♍55'42	1.44577 AU	
desc. node	-3251 Sep 25 j 08:16	10°♍03'44		
evening rise	-3251 Oct 06 j 17:56	27°♍52'39		
	-3251 Oct 08 j 02:49	0°♎		
greatest brilliancy	-3251 Oct 24 j 10:31	24°♎39'50	-0.6m	
	-3251 Oct 28 j 09:07	0°♏		
evening max el	-3251 Nov 01 j 02:00	4°♏18'56	19°50'54	
retrograde	-3251 Nov 08 j 13:57	8°♏41'24		
asc. node	-3251 Nov 10 j 08:45	8°♏23'00		
evening set	-3251 Nov 12 j 01:24	7°♏30'51		
inferior conj	-3251 Nov 17 j 15:13	1°♏28'33	2°18'59	
minimum elong	-3251 Nov 17 j 12:27	1°♏37'40	2°17'59	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-3251 Nov 18 j 14:41	0°♏11'12	0.66482 AU
	-3251 Nov 18 j 18:07	30°℞♎	
morning rise	-3251 Nov 22 j 22:52	25°♎13'47	
direct	-3251 Nov 28 j 21:03	22°♎38'33	
morning max el	-3251 Dec 10 j 21:19	29°♎45'34	25°26'18
	-3251 Dec 11 j 03:02	0°♏	
desc. node	-3251 Dec 22 j 07:50	13°♏30'24	
	-3250 Jan 02 j 14:45	0°♐	
morning set	-3250 Jan 16 j 02:32	22°♐42'26	
max. Earth dist.	-3250 Jan 19 j 21:53	29°♐44'23	1.36430 AU
	-3250 Jan 20 j 01:12	0°♑	
superior conj	-3250 Jan 25 j 18:38	11°♑06'52	-1°-37'-26
minimum elong	-3250 Jan 25 j 21:50	11°♑22'50	1°37'13
evening rise	-3250 Feb 02 j 22:06	27°♑36'04	
	-3250 Feb 04 j 02:43	0°♒	
asc. node	-3250 Feb 06 j 07:58	4°♒23'03	
evening max el	-3250 Feb 20 j 11:39	25°♒55'33	19°47'53
	-3250 Feb 26 j 18:50	0°♓	
retrograde	-3250 Mar 02 j 06:47	0°♓34'57	
evening set	-3250 Mar 04 j 13:29	0°♓20'58	
	-3250 Mar 05 j 22:16	30°℞♒	
inferior conj	-3250 Mar 13 j 04:20	26°♒18'44	1°53'53
minimum elong	-3250 Mar 13 j 08:41	26°♒11'57	1°52'29
min. Earth dist.	-3250 Mar 15 j 12:46	24°♒51'13	0.55929 AU
desc. node	-3250 Mar 20 j 06:52	22°♒20'55	
morning rise	-3250 Mar 22 j 00:41	21°♒43'06	
direct	-3250 Mar 26 j 05:45	21°♒03'41	
morning max el	-3250 Apr 09 j 03:23	28°♒01'23	24°15'09
	-3250 Apr 11 j 02:22	0°♓	
	-3250 Apr 30 j 11:01	0°♈	
morning set	-3250 May 03 j 23:48	7°♈13'49	
asc. node	-3250 May 05 j 07:28	10°♈01'09	
superior conj	-3250 May 11 j 01:55	22°♈27'28	0°56'59
minimum elong	-3250 May 10 j 23:40	22°♈15'24	0°56'37
max. Earth dist.	-3250 May 12 j 19:03	26°♈08'45	1.33313 AU
	-3250 May 14 j 14:32	0°♉	
evening rise	-3250 May 18 j 11:55	8°♉02'53	
	-3250 May 30 j 08:37	0°♊	
desc. node	-3250 Jun 16 j 05:50	23°♊58'43	
evening max el	-3250 Jun 20 j 12:51	28°♊29'30	27°25'08
	-3250 Jun 22 j 04:19	0°♋	
retrograde	-3250 Jul 04 j 06:14	5°♋51'57	
evening set	-3250 Jul 11 j 10:13	3°♋15'58	
min. Earth dist.	-3250 Jul 15 j 00:31	0°♋10'30	0.63216 AU
	-3250 Jul 15 j 04:51	30°℞♊	
inferior conj	-3250 Jul 17 j 18:07	27°♊26'16	-3°-53'-14
minimum elong	-3250 Jul 17 j 21:47	27°♊17'03	3°52'28
morning rise	-3250 Jul 24 j 11:25	22°♊11'36	
direct	-3250 Jul 27 j 01:09	21°♊39'56	
asc. node	-3250 Aug 01 j 06:49	23°♊51'15	
morning max el	-3250 Aug 02 j 15:09	25°♊04'15	17°56'13
	-3250 Aug 06 j 16:52	0°♋	
morning set	-3250 Aug 19 j 06:46	20°♋53'07	
	-3250 Aug 24 j 12:08	0°♌	
superior conj	-3250 Aug 31 j 06:33	11°♌29'27	1°11'49
minimum elong	-3250 Aug 31 j 12:12	11°♌52'59	1°11'17
max. Earth dist.	-3250 Sep 06 j 15:31	21°♌56'04	1.43597 AU
	-3250 Sep 11 j 17:03	0°♍	
desc. node	-3250 Sep 12 j 05:15	0°♍47'58	
evening rise	-3250 Sep 15 j 22:53	6°♍37'33	
	-3250 Oct 01 j 11:47	0°♎	
greatest brilliancy	-3250 Oct 09 j 11:39	11°♎05'55	-0.5m
evening max el	-3250 Oct 15 j 02:58	17°♎45'25	20°55'12
retrograde	-3250 Oct 23 j 11:08	22°♎41'37	
evening set	-3250 Oct 27 j 08:50	21°♎14'50	
asc. node	-3250 Oct 28 j 05:51	20°♎31'21	
inferior conj	-3250 Nov 01 j 19:22	15°♎02'33	1°31'19
minimum elong	-3250 Nov 01 j 17:23	15°♎09'20	1°30'31
min. Earth dist.	-3250 Nov 02 j 07:09	14°♎22'21	0.67112 AU
morning rise	-3250 Nov 07 j 01:33	8°♎45'46	
direct	-3250 Nov 12 j 08:20	6°♎29'56	
morning max el	-3250 Nov 23 j 06:02	13°♎00'02	24°02'47
	-3250 Dec 06 j 23:26	0°♏	
desc. node	-3250 Dec 09 j 04:52	3°♏08'56	
	-3250 Dec 26 j 11:08	0°♐	
morning set	-3250 Dec 28 j 20:05	4°♐02'00	
max. Earth dist.	-3249 Jan 01 j 18:33	10°♐55'33	1.38394 AU
superior conj	-3249 Jan 08 j 22:39	24°♐09'03	-1°-51'-15
minimum elong	-3249 Jan 09 j 00:52	24°♐19'36	1°51'16
	-3249 Jan 11 j 23:38	0°♑	
evening rise	-3249 Jan 17 j 20:13	11°♑29'13	
asc. node	-3249 Jan 24 j 05:01	23°♑35'15	
	-3249 Jan 28 j 00:15	0°♒	
evening max el	-3249 Feb 03 j 08:44	8°♒06'53	18°54'35
retrograde	-3249 Feb 11 j 16:37	12°♒07'22	
evening set	-3249 Feb 14 j 01:43	11°♒49'05	
inferior conj	-3249 Feb 21 j 23:20	7°♒30'39	3°10'59
minimum elong	-3249 Feb 22 j 03:52	7°♒22'30	3°09'57
min. Earth dist.	-3249 Feb 25 j 04:28	5°♒12'56	0.57427 AU
morning rise	-3249 Mar 02 j 02:10	2°♒24'39	
desc. node	-3249 Mar 07 j 03:59	1°♒14'29	
direct	-3249 Mar 07 j 12:19	1°♒14'11	
morning max el	-3249 Mar 21 j 18:37	8°♒37'57	25°48'04
	-3249 Apr 06 j 18:32	0°♓	
morning set	-3249 Apr 18 j 11:45	22°♓15'13	
asc. node	-3249 Apr 22 j 04:30	0°♈09'41	
	-3249 Apr 22 j 02:43	0°♈	
superior conj	-3249 Apr 25 j 12:45	7°♈27'15	0°34'23
minimum elong	-3249 Apr 25 j 11:17	7°♈19'15	0°34'06
max. Earth dist.	-3249 Apr 26 j 05:54	9°♈00'51	1.32747 AU
evening rise	-3249 May 02 j 16:03	22°♈43'26	
	-3249 May 06 j 06:45	0°♉	
	-3249 May 24 j 08:57	0°♊	
evening max el	-3249 Jun 02 j 18:49	10°♊55'48	27°05'06
desc. node	-3249 Jun 03 j 02:53	11°♊14'53	
retrograde	-3249 Jun 16 j 17:31	18°♊16'43	
evening set	-3249 Jun 23 j 16:16	16°♊04'48	
min. Earth dist.	-3249 Jun 27 j 08:23	13°♊20'16	0.61326 AU
inferior conj	-3249 Jun 30 j 13:23	10°♊30'20	-4°-18'-19
minimum elong	-3249 Jun 30 j 15:29	10°♊25'41	4°18'03
morning rise	-3249 Jul 07 j 17:34	5°♊36'57	
direct	-3249 Jul 10 j 05:29	5°♊11'08	
morning max el	-3249 Jul 17 j 04:48	8°♊38'33	18°01'25
asc. node	-3249 Jul 19 j 03:54	10°♊46'10	
	-3249 Jul 31 j 02:31	0°♋	
morning set	-3249 Aug 02 j 04:34	3°♋49'36	
superior conj	-3249 Aug 12 j 13:54	22°♋36'15	1°36'20
minimum elong	-3249 Aug 12 j 17:52	22°♋53'37	1°36'08
	-3249 Aug 16 j 20:44	0°♌	
max. Earth dist.	-3249 Aug 20 j 01:50	5°♌23'39	1.42064 AU
evening rise	-3249 Aug 26 j 09:56	15°♌41'20	
desc. node	-3249 Aug 30 j 02:14	21°♌28'24	
	-3249 Sep 04 j 16:03	0°♍	
greatest brilliancy	-3249 Sep 23 j 03:52	25°♍49'28	-0.3m
	-3249 Sep 26 j 18:33	0°♎	
evening max el	-3249 Sep 27 j 21:45	1°♎11'11	22°09'56
retrograde	-3249 Oct 07 j 06:52	6°♎45'48	
evening set	-3249 Oct 11 j 16:51	5°♎00'44	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3249 Oct 15 j 02:57	1°♎20'03	
	-3249 Oct 16 j 03:00	30°℞♍	
inferior conj	-3249 Oct 17 j 01:41	28°♍42'00	0°39'56
minimum elong	-3249 Oct 17 j 00:46	28°♍45'10	0°39'33
min. Earth dist.	-3249 Oct 17 j 02:51	28°♍37'55	0.67424 AU
morning rise	-3249 Oct 22 j 08:31	22°♍25'52	
direct	-3249 Oct 27 j 00:04	20°♍31'49	
morning max el	-3249 Nov 05 j 17:01	26°♍18'28	22°36'05
	-3249 Nov 09 j 01:49	0°♎	
greatest brilliancy	-3249 Nov 10 j 09:43	1°♎35'13	-0.3m
desc. node	-3249 Nov 26 j 01:53	23°♎11'51	
	-3249 Nov 30 j 13:51	0°♏	
morning set	-3249 Dec 09 j 09:53	13°♏59'05	
max. Earth dist.	-3249 Dec 14 j 15:20	22°♏41'21	1.40473 AU
	-3249 Dec 18 j 20:54	0°♐	
superior conj	-3249 Dec 22 j 09:47	6°♐18'11	-1°-56'-11
minimum elong	-3249 Dec 22 j 09:31	6°♐16'57	1°56'18
evening rise	-3248 Jan 01 j 08:45	24°♐49'35	
	-3248 Jan 04 j 02:47	0°♑	
asc. node	-3248 Jan 11 j 02:03	12°♑16'30	
evening max el	-3248 Jan 17 j 13:50	20°♑47'49	18°21'25
retrograde	-3248 Jan 24 j 21:01	24°♑24'37	
evening set	-3248 Jan 27 j 09:12	24°♑00'10	
inferior conj	-3248 Feb 03 j 14:59	19°♑20'54	3°51'02
minimum elong	-3248 Feb 03 j 17:09	19°♑16'22	3°50'44
min. Earth dist.	-3248 Feb 07 j 00:11	16°♑32'03	0.59356 AU
morning rise	-3248 Feb 10 j 21:45	13°♑50'51	
direct	-3248 Feb 17 j 07:48	12°♑01'23	
desc. node	-3248 Feb 22 j 01:05	12°♑57'41	
morning max el	-3248 Mar 02 j 14:04	19°♑39'12	26°59'14
	-3248 Mar 11 j 10:07	0°♒	
	-3248 Mar 29 j 09:07	0°♓	
morning set	-3248 Apr 01 j 21:47	7°♓10'03	
asc. node	-3248 Apr 08 j 01:30	20°♓22'29	
superior conj	-3248 Apr 09 j 00:30	22°♓28'22	0°10'03
minimum elong	-3248 Apr 09 j 00:03	22°♓25'55	0°09'56
behind sun begin	-3248 Apr 08 j 20:08	22°♓04'30	
behind sun end	-3248 Apr 09 j 03:58	22°♓47'21	
max. Earth dist.	-3248 Apr 08 j 19:08	21°♓59'01	1.32525 AU
	-3248 Apr 12 j 11:13	0°♈	
evening rise	-3248 Apr 16 j 00:41	7°♈36'08	
	-3248 Apr 27 j 19:46	0°♉	
evening max el	-3248 May 14 j 18:40	22°♉39'37	26°12'53
desc. node	-3248 May 19 j 23:57	26°♉53'52	
retrograde	-3248 May 28 j 20:42	29°♉56'57	
evening set	-3248 Jun 04 j 01:59	28°♉20'55	
min. Earth dist.	-3248 Jun 08 j 07:33	25°♉40'14	0.59278 AU
inferior conj	-3248 Jun 11 j 16:30	23°♉04'55	-4°-22'-27
minimum elong	-3248 Jun 11 j 15:29	23°♉06'52	4°22'20
morning rise	-3248 Jun 19 j 08:44	18°♉33'51	
direct	-3248 Jun 21 j 20:07	18°♉12'33	
morning max el	-3248 Jun 29 j 14:05	21°♉54'38	18°26'11
asc. node	-3248 Jul 05 j 00:57	28°♉38'18	
	-3248 Jul 05 j 22:24	0°♊	
morning set	-3248 Jul 15 j 16:07	17°♊27'09	
	-3248 Jul 22 j 05:55	0°♋	
superior conj	-3248 Jul 24 j 21:07	4°♋54'42	1°47'30
minimum elong	-3248 Jul 24 j 22:27	5°♋00'52	1°47'34
max. Earth dist.	-3248 Aug 01 j 06:03	18°♋06'17	1.40191 AU
evening rise	-3248 Aug 05 j 18:45	25°♋47'20	
	-3248 Aug 08 j 08:13	0°♌	
desc. node	-3248 Aug 15 j 23:12	12°♌00'47	
	-3248 Aug 28 j 09:43	0°♍	
evening max el	-3248 Sep 09 j 11:31	14°♍37'50	23°30'14
retrograde	-3248 Sep 19 j 23:39	20°♍50'35	
evening set	-3248 Sep 24 j 23:41	18°♍46'12	
inferior conj	-3248 Sep 30 j 08:20	12°♍24'49	0°-13'-29
minimum elong	-3248 Sep 30 j 08:38	12°♍23'45	0°13'20
transit middle	-3248 Sep 30 j 08:38	12°♍23'45	0°13'20
transit begin	-3248 Sep 30 j 07:04	12°♍29'07	
transit end	-3248 Sep 30 j 10:12	12°♍18'23	
min. Earth dist.	-3248 Sep 29 j 23:20	12°♍55'38	0.67433 AU
asc. node	-3248 Oct 01 j 00:03	11°♍31'10	
morning rise	-3248 Oct 05 j 17:41	6°♍12'18	
direct	-3248 Oct 09 j 19:21	4°♍39'32	
morning max el	-3248 Oct 18 j 09:15	9°♍42'53	21°14'21
greatest brilliancy	-3248 Oct 23 j 18:59	15°♍59'43	-0.5m
	-3248 Nov 02 j 21:46	0°♎	
desc. node	-3248 Nov 11 j 22:53	13°♎31'50	
morning set	-3248 Nov 17 j 20:21	22°♎39'42	
	-3248 Nov 22 j 11:13	0°♏	
max. Earth dist.	-3248 Nov 25 j 17:57	5°♏19'13	1.42379 AU
superior conj	-3248 Dec 02 j 22:26	17°♏20'39	-1°-48'-22
minimum elong	-3248 Dec 02 j 18:20	17°♏03'10	1°48'15
	-3248 Dec 10 j 04:07	0°♐	
evening rise	-3248 Dec 14 j 08:04	7°♐29'04	
asc. node	-3248 Dec 27 j 23:06	0°♑17'11	
	-3248 Dec 27 j 17:57	0°♑	
evening max el	-3248 Dec 31 j 00:08	3°♑50'25	18°08'13
retrograde	-3247 Jan 06 j 17:21	7°♑17'56	
evening set	-3247 Jan 09 j 08:39	6°♑46'07	
inferior conj	-3247 Jan 16 j 01:21	1°♑45'05	4°00'44
minimum elong	-3247 Jan 16 j 00:55	1°♑46'09	4°00'37
	-3247 Jan 17 j 20:47	30°℞♐	
min. Earth dist.	-3247 Jan 19 j 02:47	28°♐49'21	0.61380 AU
morning rise	-3247 Jan 22 j 14:43	25°♐58'43	
direct	-3247 Jan 29 j 13:48	23°♐34'53	
desc. node	-3247 Feb 07 j 22:11	27°♐15'10	
	-3247 Feb 11 j 06:12	0°♑	
morning max el	-3247 Feb 12 j 15:37	1°♑19'11	27°37'50
	-3247 Mar 05 j 13:20	0°♒	
morning set	-3247 Mar 17 j 04:02	21°♒51'28	
	-3247 Mar 21 j 01:13	0°♓	
max. Earth dist.	-3247 Mar 23 j 07:07	4°♓50'26	1.32656 AU
superior conj	-3247 Mar 24 j 11:33	7°♓24'59	0°-15'-13
minimum elong	-3247 Mar 24 j 12:15	7°♓28'46	0°15'08
behind sun begin	-3247 Mar 24 j 10:46	7°♓20'45	
behind sun end	-3247 Mar 24 j 13:43	7°♓36'47	
asc. node	-3247 Mar 25 j 22:30	10°♓35'35	
evening rise	-3247 Mar 31 j 11:46	22°♓33'51	
	-3247 Apr 04 j 02:39	0°♈	
	-3247 Apr 22 j 23:30	0°♉	
evening max el	-3247 Apr 26 j 12:45	3°♉44'38	24°54'25
desc. node	-3247 May 06 j 21:01	10°♉19'55	
retrograde	-3247 May 10 j 13:16	10°♉51'17	
evening set	-3247 May 15 j 13:44	9°♉53'37	
min. Earth dist.	-3247 May 21 j 00:54	7°♉00'18	0.57350 AU
inferior conj	-3247 May 24 j 00:19	5°♉01'25	-3°-55'-13
minimum elong	-3247 May 23 j 19:37	5°♉09'18	3°54'25
morning rise	-3247 Jun 01 j 05:36	0°♉50'29	
direct	-3247 Jun 03 j 17:16	0°♉32'35	
morning max el	-3247 Jun 12 j 16:03	4°♉43'05	19°11'19
asc. node	-3247 Jun 21 j 22:00	17°♉14'37	
	-3247 Jun 28 j 18:03	0°♊	
morning set	-3247 Jun 29 j 13:33	1°♊36'17	
superior conj	-3247 Jul 07 j 22:28	18°♊08'54	1°47'59
minimum elong	-3247 Jul 07 j 21:39	18°♊04'57	1°48'05
	-3247 Jul 14 j 05:31	0°♋	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3247 Jul 14 j 07:54	0°♋10'49	1.38236 AU	
evening rise	-3247 Jul 18 j 05:40	7°♋09'35		
	-3247 Aug 01 j 06:39	0°♌		
desc. node	-3247 Aug 02 j 20:10	2°♌20'32		
evening max el	-3247 Aug 22 j 22:49	28°♌08'13	24°49'23	
	-3247 Aug 24 j 22:27	0°♍		
retrograde	-3247 Sep 03 j 12:28	4°♍52'45		
evening set	-3247 Sep 09 j 03:33	2°♍29'48		
	-3247 Sep 11 j 13:42	30°℞♌		
min. Earth dist.	-3247 Sep 13 j 18:04	27°♌14'22	0.67141 AU	
inferior conj	-3247 Sep 14 j 13:37	26°♌09'29	-1°-7'-20	
minimum elong	-3247 Sep 14 j 15:13	26°♌04'10	1°06'37	
asc. node	-3247 Sep 17 j 21:09	22°♌03'55		
morning rise	-3247 Sep 20 j 03:14	20°♌03'49		
direct	-3247 Sep 23 j 16:59	18°♌50'04		
morning max el	-3247 Oct 01 j 08:41	23°♌16'05	20°03'18	
	-3247 Oct 06 j 23:40	0°♍		
greatest brilliancy	-3247 Oct 08 j 15:47	2°♍16'01	-0.6m	
	-3247 Oct 27 j 05:03	0°♎		
morning set	-3247 Oct 27 j 18:00	0°♎50'05		
desc. node	-3247 Oct 29 j 19:50	4°♎03'27		
max. Earth dist.	-3247 Nov 08 j 04:19	18°♎47'26	1.43856 AU	
superior conj	-3247 Nov 13 j 07:58	27°♎06'09	-1°-24'-14	
minimum elong	-3247 Nov 13 j 00:51	26°♎37'09	1°23'36	
	-3247 Nov 15 j 02:28	0°♏		
evening rise	-3247 Nov 26 j 13:45	19°♏18'23		
	-3247 Dec 02 j 19:32	0°♐		
evening max el	-3247 Dec 14 j 12:40	17°♐05'56	18°14'15	
asc. node	-3247 Dec 14 j 20:10	17°♐24'33		
retrograde	-3247 Dec 21 j 01:24	20°♐36'31		
evening set	-3247 Dec 23 j 20:19	19°♐56'11		
inferior conj	-3247 Dec 30 j 02:40	14°♐34'23	3°48'37	
minimum elong	-3247 Dec 30 j 00:27	14°♐40'24	3°48'13	
min. Earth dist.	-3246 Jan 01 j 14:24	11°♐53'03	0.63237 AU	
morning rise	-3246 Jan 05 j 02:54	8°♐36'31		
direct	-3246 Jan 12 j 03:52	5°♐51'47		
desc. node	-3246 Jan 25 j 19:15	13°♐29'43		
morning max el	-3246 Jan 25 j 22:15	13°♐37'07	27°40'09	
	-3246 Feb 08 j 04:32	0°♑		
	-3246 Feb 26 j 00:36	0°♒		
morning set	-3246 Mar 01 j 04:06	6°♒10'15		
max. Earth dist.	-3246 Mar 06 j 13:58	17°♒20'42	1.33162 AU	
superior conj	-3246 Mar 08 j 20:07	22°♒09'51	0°-40'-33	
minimum elong	-3246 Mar 08 j 21:56	22°♒19'38	0°40'16	
	-3246 Mar 12 j 11:19	0°♓		
asc. node	-3246 Mar 12 j 19:30	0°♓44'03		
evening rise	-3246 Mar 15 j 23:26	7°♓28'46		
	-3246 Mar 27 j 22:57	0°♈		
evening max el	-3246 Apr 08 j 04:30	14°♈27'17	23°21'38	
retrograde	-3246 Apr 21 j 16:51	21°♈09'16		
desc. node	-3246 Apr 23 j 18:07	20°♈59'54		
evening set	-3246 Apr 25 j 09:02	20°♈39'43		
min. Earth dist.	-3246 May 02 j 15:15	17°♈21'39	0.55877 AU	
inferior conj	-3246 May 04 j 12:18	16°♈15'03	-2°-47'-36	
minimum elong	-3246 May 04 j 06:10	16°♈24'09	2°45'55	
morning rise	-3246 May 13 j 06:33	12°♈17'15		
direct	-3246 May 15 j 19:52	12°♈01'11		
morning max el	-3246 May 26 j 08:09	16°♈54'11	20°16'59	
	-3246 Jun 05 j 05:07	0°♉		
asc. node	-3246 Jun 08 j 19:01	6°♉24'04		
morning set	-3246 Jun 13 j 17:53	16°♉08'40		
	-3246 Jun 20 j 12:20	0°♊		
superior conj	-3246 Jun 21 j 12:53	2°♊04'15	1°40'23	
minimum elong	-3246 Jun 21 j 10:46	1°♊53'34	1°40'21	

max. Earth dist.	-3246 Jun 26 j 13:21	11°♊58'56	1.36426 AU	
evening rise	-3246 Jun 30 j 15:15	19°♊39'39		
	-3246 Jul 06 j 11:03	0°♋		
desc. node	-3246 Jul 20 j 17:10	22°♋21'44		
	-3246 Jul 26 j 07:20	0°♌		
evening max el	-3246 Aug 05 j 09:49	11°♌41'11	25°59'36	
retrograde	-3246 Aug 17 j 20:38	18°♌47'58		
evening set	-3246 Aug 24 j 02:34	16°♌09'47		
min. Earth dist.	-3246 Aug 28 j 08:38	11°♌32'09	0.66517 AU	
inferior conj	-3246 Aug 29 j 15:46	9°♌54'01	-1°-59'-53	
minimum elong	-3246 Aug 29 j 18:33	9°♌45'14	1°58'46	
morning rise	-3246 Sep 04 j 11:16	3°♌58'34		
asc. node	-3246 Sep 04 j 18:14	3°♌48'29		
direct	-3246 Sep 07 j 15:17	3°♌00'46		
morning max el	-3246 Sep 14 j 15:12	6°♌58'12	19°06'26	
	-3246 Sep 30 j 23:05	0°♍		
morning set	-3246 Oct 07 j 02:55	9°♍40'11		
desc. node	-3246 Oct 16 j 16:47	24°♍43'08		
	-3246 Oct 20 j 01:21	0°♎		
max. Earth dist.	-3246 Oct 21 j 20:36	2°♎50'32	1.44707 AU	
superior conj	-3246 Oct 23 j 16:45	5°♎44'55	0°-43'-41	
minimum elong	-3246 Oct 23 j 11:20	5°♎23'28	0°43'02	
evening rise	-3246 Nov 07 j 21:25	0°♏10'05		
	-3246 Nov 07 j 18:57	0°♏		
	-3246 Nov 27 j 13:46	0°♐		
evening max el	-3246 Nov 28 j 00:44	0°♐28'50	18°38'34	
asc. node	-3246 Dec 01 j 17:15	3°♐24'25		
retrograde	-3246 Dec 04 j 17:04	4°♐12'59		
evening set	-3246 Dec 07 j 16:53	3°♐22'37		
	-3246 Dec 11 j 15:38	30°℞♏		
inferior conj	-3246 Dec 13 j 15:15	27°♏42'27	3°21'28	
minimum elong	-3246 Dec 13 j 12:14	27°♏51'26	3°20'41	
min. Earth dist.	-3246 Dec 15 j 12:00	25°♏29'14	0.64782 AU	
morning rise	-3246 Dec 19 j 06:27	21°♏35'56		
direct	-3246 Dec 26 j 00:42	18°♏45'31		
morning max el	-3245 Jan 08 j 07:38	26°♏25'09	27°08'25	
	-3245 Jan 11 j 16:23	0°♐		
desc. node	-3245 Jan 12 j 16:18	1°♐08'38		
	-3245 Feb 01 j 17:58	0°♑		
morning set	-3245 Feb 12 j 18:59	19°♑56'47		
max. Earth dist.	-3245 Feb 17 j 11:55	29°♑19'07	1.34083 AU	
	-3245 Feb 17 j 19:54	0°♒		
superior conj	-3245 Feb 21 j 00:17	6°♒36'33	-1°-4'-51	
minimum elong	-3245 Feb 21 j 03:03	6°♒51'04	1°04'29	
asc. node	-3245 Feb 27 j 16:31	20°♒43'41		
evening rise	-3245 Feb 28 j 09:55	22°♒14'39		
	-3245 Mar 04 j 05:28	0°♓		
evening max el	-3245 Mar 21 j 00:04	25°♓14'44	21°48'49	
	-3245 Mar 27 j 18:08	0°♈		
retrograde	-3245 Apr 02 j 09:29	1°♈14'59		
evening set	-3245 Apr 05 j 01:50	0°♈58'53		
	-3245 Apr 08 j 08:01	30°℞♓		
desc. node	-3245 Apr 10 j 15:14	28°♓57'55		
inferior conj	-3245 Apr 14 j 10:04	26°♓55'13	-1°-3'-1	
minimum elong	-3245 Apr 14 j 07:08	26°♓59'20	1°02'02	
min. Earth dist.	-3245 Apr 14 j 04:52	27°♓02'32	0.55165 AU	
morning rise	-3245 Apr 23 j 13:23	22°♓56'09		
direct	-3245 Apr 26 j 09:15	22°♓38'26		
morning max el	-3245 May 08 j 13:25	28°♓23'41	21°41'08	
	-3245 May 10 j 04:14	0°♈		
asc. node	-3245 May 26 j 16:01	25°♈58'14		
	-3245 May 28 j 15:36	0°♉		
morning set	-3245 May 29 j 02:42	0°♉57'16		
superior conj	-3245 Jun 05 j 12:25	16°♉28'57	1°26'50	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3245 Jun 05 j 09:47	16°♉15'14	1°26'36
max. Earth dist.	-3245 Jun 09 j 03:05	23°♉54'39	1.34921 AU
	-3245 Jun 12 j 04:29	0°♊	
evening rise	-3245 Jun 13 j 18:13	3°♊02'51	
	-3245 Jun 29 j 08:13	0°♋	
desc. node	-3245 Jul 07 j 14:13	11°♋55'36	
evening max el	-3245 Jul 18 j 21:11	25°♋09'41	26°52'52
	-3245 Jul 24 j 19:41	0°♌	
retrograde	-3245 Jul 31 j 23:48	2°♌28'56	
	-3245 Aug 07 j 09:40	30°℞♋	
evening set	-3245 Aug 07 j 18:23	29°♋42'27	
min. Earth dist.	-3245 Aug 11 j 16:39	25°♋43'33	0.65529 AU
inferior conj	-3245 Aug 13 j 12:44	23°♋34'22	-2°-49'-10
minimum elong	-3245 Aug 13 j 16:24	23°♋23'35	2°47'55
morning rise	-3245 Aug 19 j 15:37	17°♋52'26	
direct	-3245 Aug 22 j 12:13	17°♋07'14	
asc. node	-3245 Aug 22 j 15:19	17°♋07'20	
morning max el	-3245 Aug 29 j 03:02	20°♋45'12	18°25'32
	-3245 Sep 05 j 05:28	0°♌	
morning set	-3245 Sep 17 j 13:37	19°♌46'45	
	-3245 Sep 23 j 20:55	0°♍	
superior conj	-3245 Oct 02 j 16:26	14°♍02'59	0°05'42
minimum elong	-3245 Oct 02 j 17:11	14°♍05'54	0°05'38
behind sun begin	-3245 Oct 02 j 06:32	13°♍23'51	
behind sun end	-3245 Oct 03 j 03:49	14°♍47'56	
desc. node	-3245 Oct 03 j 13:45	15°♍27'09	
max. Earth dist.	-3245 Oct 04 j 15:00	17°♍06'44	1.44833 AU
	-3245 Oct 12 j 19:48	0°♎	
evening rise	-3245 Oct 19 j 04:25	9°♎59'08	
	-3245 Nov 01 j 00:46	0°♏	
greatest brilliancy	-3245 Nov 01 j 14:06	0°♏50'17	-0.7m
evening max el	-3245 Nov 11 j 09:52	13°♏54'43	19°19'59
retrograde	-3245 Nov 18 j 12:57	18°♏01'19	
asc. node	-3245 Nov 18 j 14:20	18°♏01'18	
evening set	-3245 Nov 21 j 19:28	16°♏58'53	
inferior conj	-3245 Nov 27 j 11:53	11°♏03'34	2°43'57
minimum elong	-3245 Nov 27 j 08:52	11°♏13'14	2°42'58
min. Earth dist.	-3245 Nov 28 j 18:40	9°♏25'03	0.65963 AU
morning rise	-3245 Dec 02 j 21:26	4°♏50'51	
direct	-3245 Dec 09 j 03:42	2°♏07'25	
morning max el	-3245 Dec 21 j 17:18	9°♏30'48	26°09'13
desc. node	-3245 Dec 30 j 13:21	19°♏46'55	
	-3244 Jan 06 j 22:54	0°♐	
	-3244 Jan 25 j 05:51	0°♑	
morning set	-3244 Jan 26 j 20:41	2°♑58'49	
max. Earth dist.	-3244 Jan 30 j 22:14	10°♑42'51	1.35444 AU
superior conj	-3244 Feb 04 j 21:40	20°♑37'47	-1°-26'-43
minimum elong	-3244 Feb 05 j 00:55	20°♑54'23	1°26'24
	-3244 Feb 09 j 10:53	0°♒	
evening rise	-3244 Feb 12 j 17:22	6°♒45'11	
asc. node	-3244 Feb 14 j 13:34	10°♒29'43	
	-3244 Feb 25 j 16:35	0°♓	
evening max el	-3244 Mar 02 j 04:49	6°♓30'23	20°27'14
retrograde	-3244 Mar 12 j 23:47	11°♓38'48	
evening set	-3244 Mar 15 j 06:36	11°♓25'56	
inferior conj	-3244 Mar 24 j 06:16	7°♓27'54	0°53'56
minimum elong	-3244 Mar 24 j 08:39	7°♓24'24	0°53'04
min. Earth dist.	-3244 Mar 25 j 19:02	6°♓34'02	0.55379 AU
desc. node	-3244 Mar 27 j 12:20	5°♓35'35	
morning rise	-3244 Apr 02 j 08:37	3°♓08'49	
direct	-3244 Apr 05 j 22:06	2°♓41'11	
morning max el	-3244 Apr 19 j 09:24	9°♓17'06	23°17'57
	-3244 May 04 j 10:18	0°♈	
morning set	-3244 May 12 j 14:08	15°♈56'13	
asc. node	-3244 May 12 j 13:03	15°♈50'36	
	-3244 May 19 j 04:18	0°♉	
superior conj	-3244 May 19 j 18:09	1°♉14'05	1°08'52
minimum elong	-3244 May 19 j 15:38	1°♉00'38	1°08'31
max. Earth dist.	-3244 May 22 j 02:37	6°♉13'44	1.33787 AU
evening rise	-3244 May 27 j 09:52	17°♉06'02	
	-3244 Jun 03 j 05:10	0°♊	
	-3244 Jun 22 j 18:56	0°♋	
desc. node	-3244 Jun 23 j 11:17	0°♋50'36	
evening max el	-3244 Jun 30 j 08:11	8°♋24'12	27°21'48
retrograde	-3244 Jul 13 j 21:35	15°♋47'46	
evening set	-3244 Jul 21 j 00:06	13°♋03'56	
min. Earth dist.	-3244 Jul 24 j 16:14	9°♋40'59	0.64165 AU
inferior conj	-3244 Jul 27 j 02:07	7°♋06'27	-3°-32'-30
minimum elong	-3244 Jul 27 j 06:04	6°♋55'52	3°31'28
morning rise	-3244 Aug 02 j 13:48	1°♋41'02	
direct	-3244 Aug 05 j 05:17	1°♋05'20	
asc. node	-3244 Aug 08 j 12:23	2°♋00'38	
morning max el	-3244 Aug 11 j 17:43	4°♋32'23	18°01'42
	-3244 Aug 28 j 10:44	0°♌	
morning set	-3244 Aug 29 j 03:16	1°♌10'37	
superior conj	-3244 Sep 11 j 05:38	23°♌04'17	0°51'07
minimum elong	-3244 Sep 11 j 10:49	23°♌25'23	0°50'33
	-3244 Sep 15 j 12:50	0°♍	
max. Earth dist.	-3244 Sep 16 j 07:59	1°♍16'20	1.44237 AU
desc. node	-3244 Sep 19 j 10:45	6°♍12'28	
evening rise	-3244 Sep 27 j 14:53	18°♍57'00	
	-3244 Oct 04 j 19:56	0°♎	
greatest brilliancy	-3244 Oct 17 j 22:42	19°♎13'35	-0.6m
evening max el	-3244 Oct 24 j 14:11	27°♎21'31	20°16'43
	-3244 Oct 27 j 12:49	0°♏	
retrograde	-3244 Nov 01 j 10:18	1°♏58'03	
asc. node	-3244 Nov 04 j 11:26	1°♏04'18	
evening set	-3244 Nov 05 j 01:43	0°♏41'04	
	-3244 Nov 05 j 22:34	30°℞♎	
inferior conj	-3244 Nov 10 j 13:57	24°♎34'02	1°59'19
minimum elong	-3244 Nov 10 j 11:29	24°♎42'21	1°58'22
min. Earth dist.	-3244 Nov 11 j 08:19	23°♎32'21	0.66790 AU
morning rise	-3244 Nov 15 j 20:40	18°♎17'47	
direct	-3244 Nov 21 j 12:19	15°♎50'08	
morning max el	-3244 Dec 03 j 02:00	22°♎43'32	24°51'37
	-3244 Dec 09 j 12:14	0°♏	
desc. node	-3244 Dec 16 j 10:23	9°♏07'22	
	-3244 Dec 30 j 06:59	0°♐	
morning set	-3243 Jan 08 j 03:46	15°♐00'52	
max. Earth dist.	-3243 Jan 11 j 21:45	21°♐47'00	1.37228 AU
	-3243 Jan 16 j 06:37	0°♑	
superior conj	-3243 Jan 18 j 09:09	4°♑04'44	-1°-44'-11
minimum elong	-3243 Jan 18 j 12:06	4°♑19'09	1°44'05
evening rise	-3243 Jan 26 j 19:36	20°♑53'51	
asc. node	-3243 Jan 31 j 10:37	29°♑56'13	
	-3243 Jan 31 j 11:25	0°♒	
evening max el	-3243 Feb 12 j 20:20	18°♒22'21	19°22'51
retrograde	-3243 Feb 21 j 23:31	22°♒43'17	
evening set	-3243 Feb 24 j 06:48	22°♒27'55	
inferior conj	-3243 Mar 04 j 14:25	18°♒20'11	2°31'13
minimum elong	-3243 Mar 04 j 19:19	18°♒12'07	2°29'49
min. Earth dist.	-3243 Mar 07 j 10:02	16°♒29'15	0.56483 AU
morning rise	-3243 Mar 13 j 04:02	13°♒30'59	
desc. node	-3243 Mar 14 j 09:28	13°♒08'06	
direct	-3243 Mar 17 j 21:32	12°♒39'43	
morning max el	-3243 Apr 01 j 00:27	19°♒51'23	24°56'26
	-3243 Apr 09 j 14:37	0°♓	
	-3243 Apr 26 j 15:14	0°♈	
morning set	-3243 Apr 27 j 02:21	0°♈58'12	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3243 Apr 29 j 10:06	5°♈54'34	
superior conj	-3243 May 04 j 03:40	16°♈10'25	0°47'41
minimum elong	-3243 May 04 j 01:43	15°♈59'51	0°47'20
max. Earth dist.	-3243 May 05 j 10:07	18°♈55'27	1.33024 AU
	-3243 May 10 j 15:36	0°♉	
evening rise	-3243 May 11 j 10:18	1°♉35'53	
	-3243 May 27 j 03:43	0°♊	
desc. node	-3243 Jun 10 j 08:21	18°♊49'23	
evening max el	-3243 Jun 12 j 16:48	21°♊11'54	27°20'42
retrograde	-3243 Jun 26 j 13:06	28°♊34'22	
evening set	-3243 Jul 03 j 15:59	26°♊07'04	
min. Earth dist.	-3243 Jul 07 j 06:04	23°♊12'01	0.62443 AU
inferior conj	-3243 Jul 10 j 04:58	20°♊23'10	-4°-5'-55
minimum elong	-3243 Jul 10 j 08:09	20°♊15'32	4°05'21
morning rise	-3243 Jul 17 j 02:45	15°♊17'09	
direct	-3243 Jul 19 j 15:23	14°♊48'18	
asc. node	-3243 Jul 26 j 09:27	18°♊15'26	
morning max el	-3243 Jul 26 j 08:29	18°♊13'03	17°56'00
	-3243 Aug 03 j 20:34	0°♋	
morning set	-3243 Aug 11 j 14:57	13°♋37'41	
	-3243 Aug 20 j 21:33	0°♌	
superior conj	-3243 Aug 22 j 21:06	3°♌23'37	1°23'59
minimum elong	-3243 Aug 23 j 02:18	3°♌45'45	1°23'34
max. Earth dist.	-3243 Aug 29 j 21:03	15°♌02'48	1.43004 AU
desc. node	-3243 Sep 06 j 07:43	26°♌55'45	
evening rise	-3243 Sep 06 j 19:55	27°♌43'27	
	-3243 Sep 08 j 07:02	0°♍	
	-3243 Sep 28 j 16:17	0°♎	
greatest brilliancy	-3243 Oct 02 j 10:04	4°♎54'38	-0.4m
evening max el	-3243 Oct 07 j 12:33	10°♎48'13	21°26'03
retrograde	-3243 Oct 16 j 06:59	16°♎00'22	
evening set	-3243 Oct 20 j 09:36	14°♎26'14	
asc. node	-3243 Oct 22 j 08:30	12°♎35'42	
inferior conj	-3243 Oct 25 j 19:15	8°♎10'59	1°09'53
minimum elong	-3243 Oct 25 j 17:42	8°♎16'21	1°09'14
min. Earth dist.	-3243 Oct 26 j 02:31	7°♎45'59	0.67283 AU
morning rise	-3243 Oct 31 j 01:27	1°♎54'03	
	-3243 Nov 03 j 10:26	30°℞♍	
direct	-3243 Nov 05 j 01:45	29°♍47'04	
	-3243 Nov 06 j 18:42	0°♎	
morning max el	-3243 Nov 15 j 11:06	5°♎59'06	23°25'40
greatest brilliancy	-3243 Nov 21 j 05:14	12°♎30'47	-0.2m
desc. node	-3243 Dec 03 j 07:24	28°♎57'43	
	-3243 Dec 04 j 00:26	0°♏	
morning set	-3243 Dec 20 j 10:03	25°♏46'47	
	-3243 Dec 22 j 21:40	0°♐	
max. Earth dist.	-3243 Dec 24 j 17:11	3°♐08'18	1.39280 AU
superior conj	-3242 Jan 01 j 06:42	16°♐46'49	-1°-54'-39
minimum elong	-3242 Jan 01 j 08:03	16°♐53'09	1°54'45
	-3242 Jan 08 j 05:20	0°♑	
evening rise	-3242 Jan 10 j 14:02	4°♑34'16	
asc. node	-3242 Jan 18 j 07:40	18°♑56'37	
	-3242 Jan 26 j 02:12	0°♒	
evening max el	-3242 Jan 26 j 21:16	0°♒48'06	18°38'02
retrograde	-3242 Feb 03 j 17:00	4°♒36'09	
evening set	-3242 Feb 06 j 03:36	4°♒15'17	
inferior conj	-3242 Feb 13 j 18:11	29°♑48'28	3°32'12
minimum elong	-3242 Feb 13 j 21:52	29°♑41'23	3°31'31
	-3242 Feb 13 j 12:09	30°℞♑	
min. Earth dist.	-3242 Feb 17 j 03:01	27°♑14'41	0.58219 AU
morning rise	-3242 Feb 21 j 12:26	24°♑31'33	
direct	-3242 Feb 27 j 10:09	23°♑04'31	
desc. node	-3242 Mar 01 j 06:34	23°♑13'02	
	-3242 Mar 13 j 02:02	0°♒	
morning max el	-3242 Mar 13 j 16:44	0°♒35'02	26°21'44
	-3242 Apr 03 j 10:48	0°♓	
morning set	-3242 Apr 11 j 13:40	15°♓57'18	
asc. node	-3242 Apr 16 j 07:07	26°♓05'25	
	-3242 Apr 18 j 02:02	0°♈	
superior conj	-3242 Apr 18 j 15:04	1°♈11'20	0°24'15
minimum elong	-3242 Apr 18 j 14:01	1°♈05'34	0°24'01
max. Earth dist.	-3242 Apr 18 j 22:25	1°♈51'35	1.32614 AU
evening rise	-3242 Apr 25 j 16:37	16°♈22'42	
	-3242 May 02 j 14:12	0°♉	
	-3242 May 22 j 14:39	0°♊	
evening max el	-3242 May 25 j 20:34	3°♊21'19	26°46'41
desc. node	-3242 May 28 j 05:25	5°♊28'17	
retrograde	-3242 Jun 08 j 20:57	10°♊40'17	
evening set	-3242 Jun 15 j 13:45	8°♊42'58	
min. Earth dist.	-3242 Jun 19 j 10:03	6°♊02'04	0.60463 AU
inferior conj	-3242 Jun 22 j 17:48	3°♊15'59	-4°-23'-13
minimum elong	-3242 Jun 22 j 18:44	3°♊14'00	4°23'06
	-3242 Jun 27 j 01:11	30°℞♉	
morning rise	-3242 Jun 30 j 02:55	28°♉31'43	
direct	-3242 Jul 02 j 14:32	28°♉07'52	
	-3242 Jul 07 j 20:38	0°♊	
morning max el	-3242 Jul 09 j 20:31	1°♊40'07	18°09'26
asc. node	-3242 Jul 13 j 06:31	5°♊36'13	
morning set	-3242 Jul 25 j 19:09	26°♊53'17	
	-3242 Jul 27 j 11:02	0°♋	
superior conj	-3242 Aug 04 j 15:13	15°♋02'26	1°42'33
minimum elong	-3242 Aug 04 j 18:04	15°♋15'12	1°42'30
max. Earth dist.	-3242 Aug 12 j 05:00	28°♋13'21	1.41301 AU
	-3242 Aug 13 j 06:23	0°♌	
evening rise	-3242 Aug 17 j 14:59	7°♌10'23	
desc. node	-3242 Aug 24 j 04:40	17°♌33'23	
	-3242 Sep 01 j 11:44	0°♍	
greatest brilliancy	-3242 Sep 15 j 08:28	18°♍48'08	-0.3m
evening max el	-3242 Sep 20 j 05:06	24°♍14'42	22°43'50
	-3242 Sep 29 j 00:12	0°♎	
retrograde	-3242 Sep 30 j 01:26	0°♎05'11	
	-3242 Oct 01 j 02:02	30°℞♍	
evening set	-3242 Oct 04 j 17:17	28°♍11'57	
asc. node	-3242 Oct 09 j 05:36	23°♍01'38	
inferior conj	-3242 Oct 10 j 01:53	21°♍51'54	0°17'25
minimum elong	-3242 Oct 10 j 01:28	21°♍53'18	0°17'15
min. Earth dist.	-3242 Oct 09 j 22:44	22°♍02'44	0.67470 AU
morning rise	-3242 Oct 15 j 09:35	15°♍37'07	
direct	-3242 Oct 19 j 19:07	13°♍52'13	
morning max el	-3242 Oct 28 j 23:52	19°♍19'19	22°00'18
greatest brilliancy	-3242 Nov 02 j 19:09	24°♍46'32	-0.4m
	-3242 Nov 06 j 20:17	0°♎	
desc. node	-3242 Nov 20 j 04:21	19°♎08'36	
	-3242 Nov 27 j 05:43	0°♏	
morning set	-3242 Nov 30 j 11:23	5°♏08'00	
max. Earth dist.	-3242 Dec 06 j 16:27	15°♏17'27	1.41328 AU
superior conj	-3242 Dec 14 j 08:56	28°♏29'20	-1°-54'-41
minimum elong	-3242 Dec 14 j 07:08	28°♏21'25	1°54'44
	-3242 Dec 15 j 05:25	0°♐	
evening rise	-3242 Dec 24 j 21:23	17°♐38'10	
	-3242 Dec 31 j 16:27	0°♑	
asc. node	-3241 Jan 05 j 04:42	7°♑21'49	
evening max el	-3241 Jan 10 j 04:55	13°♑39'03	18°13'21
retrograde	-3241 Jan 17 j 04:45	17°♑10'11	
evening set	-3241 Jan 19 j 18:21	16°♑42'35	
inferior conj	-3241 Jan 26 j 18:10	11°♑53'41	3°58'20
minimum elong	-3241 Jan 26 j 19:10	11°♑51'27	3°58'11
min. Earth dist.	-3241 Jan 30 j 00:59	8°♑59'18	0.60229 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-3241 Feb 02 j 17:04	6°♉16'04	
direct	-3241 Feb 09 j 10:06	4°♉11'06	
desc. node	-3241 Feb 16 j 03:39	6°♉05'38	
morning max el	-3241 Feb 23 j 14:42	11°♉51'25	27°20'05
	-3241 Mar 09 j 21:17	0°♒	
morning set	-3241 Mar 26 j 22:20	0°♓46'59	
	-3241 Mar 26 j 13:14	0°♓	
max. Earth dist.	-3241 Apr 02 j 11:46	14°♓49'08	1.32541 AU
superior conj	-3241 Apr 03 j 02:42	16°♓10'48	0°00'-37
minimum elong	-3241 Apr 03 j 02:43	16°♓10'57	0°00'39
behind sun begin	-3241 Apr 02 j 21:43	15°♓43'32	
behind sun end	-3241 Apr 03 j 07:44	16°♓38'22	
asc. node	-3241 Apr 03 j 04:08	16°♓18'43	
	-3241 Apr 09 j 11:42	0°♈	
evening rise	-3241 Apr 10 j 02:32	1°♈18'12	
	-3241 Apr 25 j 20:25	0°♉	
evening max el	-3241 May 07 j 17:46	14°♉47'16	25°42'05
desc. node	-3241 May 15 j 02:29	20°♉15'30	
retrograde	-3241 May 21 j 19:33	22°♉00'45	
evening set	-3241 May 27 j 13:58	20°♉41'22	
min. Earth dist.	-3241 Jun 01 j 06:03	17°♉57'22	0.58425 AU
inferior conj	-3241 Jun 04 j 12:58	15°♉35'13	-4°-15'-23
minimum elong	-3241 Jun 04 j 10:21	15°♉40'00	4°15'06
morning rise	-3241 Jun 12 j 10:39	11°♉13'19	
direct	-3241 Jun 14 j 22:18	10°♉53'27	
morning max el	-3241 Jun 23 j 02:59	14°♉45'27	18°42'58
asc. node	-3241 Jun 30 j 03:34	23°♉48'37	
	-3241 Jul 03 j 18:41	0°♊	
morning set	-3241 Jul 09 j 11:22	10°♊45'53	
superior conj	-3241 Jul 18 j 06:54	27°♊47'10	1°48'51
minimum elong	-3241 Jul 18 j 07:14	27°♊48'43	1°48'58
	-3241 Jul 19 j 11:13	0°♋	
max. Earth dist.	-3241 Jul 25 j 08:10	10°♋40'44	1.39353 AU
evening rise	-3241 Jul 29 j 11:01	17°♋49'05	
	-3241 Aug 05 j 21:11	0°♌	
desc. node	-3241 Aug 11 j 01:39	8°♌01'35	
	-3241 Aug 26 j 21:30	0°♍	
evening max el	-3241 Sep 02 j 17:28	7°♍43'09	24°04'24
retrograde	-3241 Sep 13 j 16:36	14°♍10'14	
evening set	-3241 Sep 18 j 23:06	11°♍57'26	
inferior conj	-3241 Sep 24 j 08:10	5°♍36'05	0°-36'-21
minimum elong	-3241 Sep 24 j 09:01	5°♍33'11	0°35'58
min. Earth dist.	-3241 Sep 23 j 18:41	6°♍21'46	0.67352 AU
asc. node	-3241 Sep 26 j 02:40	3°♍15'16	
	-3241 Sep 29 j 02:20	30°℞♌	
morning rise	-3241 Sep 29 j 19:09	29°♌26'22	
direct	-3241 Oct 03 j 15:28	28°♌02'11	
	-3241 Oct 08 j 15:00	0°♍	
morning max el	-3241 Oct 11 j 19:13	2°♍48'24	20°42'37
greatest brilliancy	-3241 Oct 17 j 20:39	10°♍00'10	-0.5m
	-3241 Oct 31 j 18:35	0°♎	
desc. node	-3241 Nov 07 j 01:19	9°♎34'22	
morning set	-3241 Nov 09 j 13:46	13°♎28'20	
max. Earth dist.	-3241 Nov 18 j 22:51	28°♎19'57	1.43080 AU
	-3241 Nov 19 j 23:32	0°♏	
superior conj	-3241 Nov 25 j 10:20	8°♏59'22	-1°-40'-16
minimum elong	-3241 Nov 25 j 04:38	8°♏35'31	1°39'55
evening rise	-3241 Dec 07 j 13:47	29°♏57'45	
	-3241 Dec 07 j 14:17	0°♐	
asc. node	-3241 Dec 23 j 01:45	25°♐01'20	
evening max el	-3241 Dec 24 j 16:25	26°♐47'28	18°08'24
	-3241 Dec 29 j 12:42	0°♑	
retrograde	-3241 Dec 31 j 06:47	0°♑15'17	
	-3240 Jan 02 j 01:08	30°℞♐	

evening set	-3240 Jan 02 j 23:25	29°♐40'03	
inferior conj	-3240 Jan 09 j 11:23	24°♐29'41	3°57'48
minimum elong	-3240 Jan 09 j 10:04	24°♐33'02	3°57'36
min. Earth dist.	-3240 Jan 12 j 07:16	21°♐37'56	0.62202 AU
morning rise	-3240 Jan 15 j 18:36	18°♐37'40	
direct	-3240 Jan 22 j 19:30	16°♐03'17	
desc. node	-3240 Feb 03 j 00:43	21°♐17'18	
morning max el	-3240 Feb 05 j 18:54	23°♐48'56	27°43'18
	-3240 Feb 11 j 09:27	0°♑	
	-3240 Mar 02 j 02:45	0°♒	
morning set	-3240 Mar 10 j 02:16	15°♒19'54	
max. Earth dist.	-3240 Mar 15 j 22:08	27°♒33'28	1.32822 AU
	-3240 Mar 17 j 01:17	0°♓	
superior conj	-3240 Mar 17 j 12:53	1°♓02'51	0°-26'-3
minimum elong	-3240 Mar 17 j 14:04	1°♓09'16	0°25'52
asc. node	-3240 Mar 20 j 01:08	6°♓30'11	
evening rise	-3240 Mar 24 j 14:04	16°♓15'15	
	-3240 Mar 31 j 11:20	0°♈	
evening max el	-3240 Apr 18 j 09:56	25°♈38'44	24°15'46
	-3240 Apr 23 j 22:04	0°♉	
desc. node	-3240 Apr 30 j 23:36	2°♉33'55	
retrograde	-3240 May 02 j 06:58	2°♉37'51	
evening set	-3240 May 06 j 17:32	1°♉53'42	
	-3240 May 10 j 22:48	30°℞♈	
min. Earth dist.	-3240 May 12 j 21:37	28°♈51'14	0.56639 AU
inferior conj	-3240 May 15 j 12:05	27°♈12'54	-3°-31'-43
minimum elong	-3240 May 15 j 06:17	27°♈22'05	3°30'27
morning rise	-3240 May 23 j 23:05	23°♈09'18	
direct	-3240 May 26 j 11:04	22°♈52'33	
morning max el	-3240 Jun 05 j 01:05	27°♈19'15	19°36'58
	-3240 Jun 07 j 14:23	0°♉	
asc. node	-3240 Jun 16 j 00:36	12°♉40'01	
morning set	-3240 Jun 22 j 12:02	25°♉05'38	
	-3240 Jun 24 j 22:30	0°♊	
superior conj	-3240 Jun 30 j 14:24	11°♊20'45	1°45'37
minimum elong	-3240 Jun 30 j 12:55	11°♊13'29	1°45'40
max. Earth dist.	-3240 Jul 06 j 10:28	22°♊33'40	1.37426 AU
evening rise	-3240 Jul 10 j 08:09	29°♊41'33	
	-3240 Jul 10 j 12:17	0°♋	
desc. node	-3240 Jul 27 j 22:41	28°♋14'33	
	-3240 Jul 29 j 03:44	0°♌	
evening max el	-3240 Aug 15 j 04:13	21°♌14'20	25°20'45
retrograde	-3240 Aug 27 j 03:41	28°♌10'25	
evening set	-3240 Sep 02 j 01:12	25°♌40'10	
min. Earth dist.	-3240 Sep 06 j 11:56	20°♌40'37	0.66915 AU
inferior conj	-3240 Sep 07 j 12:21	19°♌21'06	-1°-29'-52
minimum elong	-3240 Sep 07 j 14:28	19°♌14'10	1°28'58
asc. node	-3240 Sep 11 j 23:45	14°♌13'51	
morning rise	-3240 Sep 13 j 04:18	13°♌19'29	
direct	-3240 Sep 16 j 13:31	12°♌13'08	
morning max el	-3240 Sep 23 j 21:53	16°♌26'12	19°37'16
greatest brilliancy	-3240 Oct 02 j 12:01	27°♌23'24	-0.7m
	-3240 Oct 04 j 07:02	0°♍	
morning set	-3240 Oct 18 j 13:30	21°♍48'23	
desc. node	-3240 Oct 23 j 22:17	0°♎10'07	
	-3240 Oct 23 j 19:42	0°♎	
max. Earth dist.	-3240 Oct 31 j 11:42	12°♎03'59	1.44300 AU
superior conj	-3240 Nov 04 j 08:24	18°♎13'40	-1°-8'-47
minimum elong	-3240 Nov 04 j 01:16	17°♎45'01	1°08'02
	-3240 Nov 11 j 14:19	0°♏	
evening rise	-3240 Nov 18 j 10:40	11°♏23'59	
	-3240 Nov 29 j 16:16	0°♐	
evening max el	-3240 Dec 07 j 05:03	10°♐07'03	18°22'25
asc. node	-3240 Dec 08 j 22:47	11°♐42'11	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3240 Dec 13 j 18:34	13°♐42'29	
evening set	-3240 Dec 16 j 15:16	12°♐58'16	
inferior conj	-3240 Dec 22 j 17:59	7°♐28'30	3°38'37
minimum elong	-3240 Dec 22 j 15:19	7°♐36'03	3°38'03
min. Earth dist.	-3240 Dec 24 j 23:26	4°♐57'31	0.63935 AU
morning rise	-3240 Dec 28 j 13:53	1°♐26'23	
	-3240 Dec 30 j 15:31	30°℞♏	
direct	-3239 Jan 04 j 12:48	28°♏37'10	
	-3239 Jan 09 j 19:44	0°♐	
morning max el	-3239 Jan 18 j 03:11	6°♐22'07	27°30'27
desc. node	-3239 Jan 19 j 21:47	8°♐11'46	
	-3239 Feb 05 j 06:37	0°♑	
morning set	-3239 Feb 21 j 22:55	29°♑27'14	
	-3239 Feb 22 j 05:32	0°♒	
max. Earth dist.	-3239 Feb 27 j 01:33	9°♒51'25	1.33495 AU
superior conj	-3239 Mar 01 j 19:54	15°♒41'35	0°-51'-4
minimum elong	-3239 Mar 01 j 22:09	15°♒53'37	0°50'44
asc. node	-3239 Mar 06 j 22:10	26°♒35'54	
	-3239 Mar 08 j 12:39	0°♓	
evening rise	-3239 Mar 09 j 01:29	1°♓07'31	
	-3239 Mar 25 j 12:31	0°♈	
evening max el	-3239 Mar 31 j 02:35	6°♈20'47	22°41'26
retrograde	-3239 Apr 13 j 05:49	12°♈47'21	
evening set	-3239 Apr 16 j 09:52	12°♈25'22	
desc. node	-3239 Apr 17 j 20:41	12°♈01'28	
min. Earth dist.	-3239 Apr 24 j 11:51	8°♈52'46	0.55460 AU
inferior conj	-3239 Apr 25 j 16:59	8°♈10'57	-2°-6'-50
minimum elong	-3239 Apr 25 j 11:40	8°♈18'36	2°05'10
morning rise	-3239 May 04 j 15:53	4°♈14'32	
direct	-3239 May 07 j 06:45	3°♈58'30	
morning max el	-3239 May 18 j 12:45	9°♈13'43	20°50'45
	-3239 Jun 01 j 20:22	0°♉	
asc. node	-3239 Jun 02 j 21:40	2°♉01'09	
morning set	-3239 Jun 06 j 18:32	9°♉45'33	
superior conj	-3239 Jun 14 j 09:07	25°♉29'57	1°35'16
minimum elong	-3239 Jun 14 j 06:42	25°♉17'32	1°35'08
	-3239 Jun 16 j 14:18	0°♊	
max. Earth dist.	-3239 Jun 18 j 18:39	4°♊20'38	1.35740 AU
evening rise	-3239 Jun 23 j 01:49	12°♊36'17	
	-3239 Jul 02 j 22:54	0°♋	
desc. node	-3239 Jul 14 j 19:43	18°♋05'09	
	-3239 Jul 24 j 03:35	0°♌	
evening max el	-3239 Jul 28 j 15:23	4°♌46'14	26°24'51
retrograde	-3239 Aug 10 j 09:56	12°♌00'00	
evening set	-3239 Aug 16 j 21:29	9°♌17'22	
min. Earth dist.	-3239 Aug 21 j 00:08	4°♌55'58	0.66137 AU
inferior conj	-3239 Aug 22 j 12:34	3°♌04'15	-2°-21'-21
minimum elong	-3239 Aug 22 j 15:47	2°♌54'23	2°20'08
	-3239 Aug 25 j 03:44	30°℞♋	
morning rise	-3239 Aug 28 j 11:01	27°♋13'55	
asc. node	-3239 Aug 29 j 20:51	26°♋36'43	
direct	-3239 Aug 31 j 11:31	26°♋21'56	
	-3239 Sep 07 j 02:44	0°♌	
morning max el	-3239 Sep 07 j 06:52	0°♌10'26	18°46'57
	-3239 Sep 27 j 15:17	0°♍	
morning set	-3239 Sep 28 j 08:28	1°♍08'29	
desc. node	-3239 Oct 10 j 19:16	20°♍51'58	
superior conj	-3239 Oct 14 j 10:42	26°♍36'21	0°-23'-6
minimum elong	-3239 Oct 14 j 07:40	26°♍24'22	0°22'42
max. Earth dist.	-3239 Oct 14 j 04:50	26°♍13'14	1.44849 AU
	-3239 Oct 16 j 14:24	0°♎	
evening rise	-3239 Oct 30 j 07:52	21°♎48'38	
	-3239 Nov 04 j 10:14	0°♏	
evening max el	-3239 Nov 20 j 16:14	23°♏32'09	18°54'15
asc. node	-3239 Nov 25 j 19:52	27°♏08'50	
retrograde	-3239 Nov 27 j 12:18	27°♏24'37	
evening set	-3239 Nov 30 j 14:44	26°♏29'29	
inferior conj	-3239 Dec 06 j 10:21	20°♏42'47	3°06'35
minimum elong	-3239 Dec 06 j 07:15	20°♏52'19	3°05'42
min. Earth dist.	-3239 Dec 08 j 01:05	18°♏43'37	0.65331 AU
morning rise	-3239 Dec 11 j 22:47	14°♏33'27	
direct	-3239 Dec 18 j 12:35	11°♏44'18	
morning max el	-3239 Dec 31 j 12:44	19°♏18'37	26°46'01
desc. node	-3238 Jan 06 j 18:49	26°♏18'33	
	-3238 Jan 09 j 16:42	0°♐	
	-3238 Jan 29 j 06:37	0°♑	
morning set	-3238 Feb 05 j 08:46	12°♑56'41	
max. Earth dist.	-3238 Feb 09 j 18:28	21°♑33'26	1.34606 AU
superior conj	-3238 Feb 13 j 21:31	29°♑58'52	-1°-14'-31
minimum elong	-3238 Feb 14 j 00:34	0°♒14'40	1°14'09
	-3238 Feb 13 j 21:45	0°♒	
evening rise	-3238 Feb 21 j 10:55	15°♒47'45	
asc. node	-3238 Feb 21 j 19:11	16°♒30'27	
	-3238 Feb 28 j 17:01	0°♓	
evening max el	-3238 Mar 13 j 01:48	17°♓18'58	21°12'19
retrograde	-3238 Mar 24 j 19:35	22°♓56'47	
evening set	-3238 Mar 27 j 06:13	22°♓43'02	
desc. node	-3238 Apr 04 j 17:49	19°♓10'25	
inferior conj	-3238 Apr 05 j 12:19	18°♓44'21	0°-12'-55
minimum elong	-3238 Apr 05 j 11:42	18°♓45'12	0°12'45
transit middle	-3238 Apr 05 j 11:42	18°♓45'12	0°12'45
transit begin	-3238 Apr 05 j 09:16	18°♓48'39	
transit end	-3238 Apr 05 j 14:08	18°♓41'46	
min. Earth dist.	-3238 Apr 06 j 01:47	18°♓25'19	0.55145 AU
morning rise	-3238 Apr 14 j 16:40	14°♓38'36	
direct	-3238 Apr 17 j 18:46	14°♓17'48	
morning max el	-3238 Apr 30 j 13:34	20°♓25'55	22°21'12
	-3238 May 08 j 13:13	0°♈	
asc. node	-3238 May 20 j 18:42	21°♈43'45	
morning set	-3238 May 22 j 04:42	24°♈39'02	
	-3238 May 24 j 17:46	0°♉	
superior conj	-3238 May 29 j 11:35	10°♉03'56	1°19'40
minimum elong	-3238 May 29 j 08:57	9°♉49'58	1°19'22
max. Earth dist.	-3238 Jun 01 j 12:43	16°♉25'37	1.34398 AU
evening rise	-3238 Jun 06 j 10:43	26°♉18'06	
	-3238 Jun 08 j 08:49	0°♊	
	-3238 Jun 26 j 07:31	0°♋	
desc. node	-3238 Jul 01 j 16:46	7°♋23'57	
evening max el	-3238 Jul 11 j 03:02	18°♋10'56	27°08'40
retrograde	-3238 Jul 24 j 10:47	25°♋32'14	
evening set	-3238 Jul 31 j 09:24	22°♋45'44	
min. Earth dist.	-3238 Aug 04 j 04:54	19°♋02'27	0.64992 AU
inferior conj	-3238 Aug 06 j 06:40	16°♋41'53	-3°-8'-32
minimum elong	-3238 Aug 06 j 10:33	16°♋30'53	3°07'19
morning rise	-3238 Aug 12 j 13:05	11°♋06'19	
direct	-3238 Aug 15 j 07:18	10°♋25'23	
asc. node	-3238 Aug 16 j 17:57	10°♋36'35	
morning max el	-3238 Aug 21 j 20:10	13°♋57'39	18°13'13
	-3238 Sep 02 j 03:48	0°♌	
morning set	-3238 Sep 09 j 07:06	11°♌49'39	
	-3238 Sep 20 j 09:19	0°♍	
superior conj	-3238 Sep 23 j 13:36	5°♍05'39	0°26'07
minimum elong	-3238 Sep 23 j 16:46	5°♍18'16	0°25'45
max. Earth dist.	-3238 Sep 26 j 23:18	10°♍30'00	1.44664 AU
desc. node	-3238 Sep 27 j 16:14	11°♍36'56	
	-3238 Oct 09 j 10:10	0°♎	
evening rise	-3238 Oct 10 j 05:02	1°♎13'20	
greatest brilliancy	-3238 Oct 26 j 21:43	26°♎39'49	-0.7m

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3238 Oct 29 j 06:42	0°♏	
evening max el	-3238 Nov 03 j 23:38	6°♏59'25	19°42'25
retrograde	-3238 Nov 11 j 09:01	11°♏17'26	
asc. node	-3238 Nov 12 j 16:58	11°♏07'12	
evening set	-3238 Nov 14 j 19:10	10°♏08'59	
inferior conj	-3238 Nov 20 j 09:36	4°♏08'22	2°25'45
minimum elong	-3238 Nov 20 j 06:45	4°♏17'41	2°24'45
min. Earth dist.	-3238 Nov 21 j 10:52	2°♏45'37	0.66361 AU
	-3238 Nov 23 j 16:26	30°℞♎	
morning rise	-3238 Nov 25 j 17:39	27°♎54'07	
direct	-3238 Dec 01 j 18:00	25°♎16'37	
	-3238 Dec 11 j 06:49	0°♏	
morning max el	-3238 Dec 13 j 21:51	2°♏27'59	25°37'55
desc. node	-3238 Dec 24 j 15:51	15°♏16'40	
	-3237 Jan 03 j 20:58	0°♐	
morning set	-3237 Jan 19 j 03:15	25°♐35'05	
	-3237 Jan 21 j 12:37	0°♑	
max. Earth dist.	-3237 Jan 22 j 23:55	2°♑46'28	1.36167 AU
superior conj	-3237 Jan 28 j 15:09	13°♑46'58	-1°-34'-46
minimum elong	-3237 Jan 28 j 18:24	14°♑03'16	1°34'33
evening rise	-3237 Feb 05 j 16:26	0°♒10'02	
	-3237 Feb 05 j 14:28	0°♒	
asc. node	-3237 Feb 08 j 16:12	6°♒08'54	
evening max el	-3237 Feb 23 j 11:07	28°♒49'33	19°57'24
	-3237 Feb 24 j 18:44	0°♓	
retrograde	-3237 Mar 05 j 12:15	3°♓36'13	
evening set	-3237 Mar 07 j 18:48	3°♓22'38	
	-3237 Mar 15 j 10:56	30°℞♒	
inferior conj	-3237 Mar 16 j 12:05	29°♒21'47	1°39'06
minimum elong	-3237 Mar 16 j 16:03	29°♒15'43	1°37'47
min. Earth dist.	-3237 Mar 18 j 15:51	28°♒02'51	0.55763 AU
desc. node	-3237 Mar 22 j 14:55	25°♒54'29	
morning rise	-3237 Mar 25 j 10:22	24°♒50'45	
direct	-3237 Mar 29 j 11:08	24°♒14'55	
	-3237 Apr 11 j 01:11	0°♓	
morning max el	-3237 Apr 12 j 06:34	1°♓07'16	24°00'27
	-3237 May 01 j 22:04	0°♈	
morning set	-3237 May 06 j 16:39	9°♈39'50	
asc. node	-3237 May 07 j 15:43	11°♈41'28	
superior conj	-3237 May 13 j 19:09	24°♈54'12	1°00'12
minimum elong	-3237 May 13 j 16:49	24°♈41'42	0°59'50
max. Earth dist.	-3237 May 15 j 16:12	28°♈55'48	1.33424 AU
	-3237 May 16 j 04:16	0°♉	
evening rise	-3237 May 21 j 06:29	10°♉33'30	
	-3237 May 31 j 16:35	0°♊	
desc. node	-3237 Jun 18 j 13:50	25°♊57'08	
	-3237 Jun 22 j 06:48	0°♋	
evening max el	-3237 Jun 23 j 13:23	1°♋15'27	27°25'17
retrograde	-3237 Jul 07 j 05:42	8°♋38'12	
evening set	-3237 Jul 14 j 09:40	5°♋59'36	
min. Earth dist.	-3237 Jul 18 j 00:15	2°♋50'04	0.63474 AU
inferior conj	-3237 Jul 20 j 15:56	0°♋07'56	-3°-48'-14
minimum elong	-3237 Jul 20 j 19:43	29°♊58'15	3°47'22
	-3237 Jul 20 j 19:02	30°℞♊	
morning rise	-3237 Jul 27 j 07:45	24°♊50'27	
direct	-3237 Jul 29 j 21:53	24°♊17'48	
asc. node	-3237 Aug 03 j 15:03	26°♊06'06	
morning max el	-3237 Aug 05 j 11:12	27°♊42'26	17°57'03
	-3237 Aug 07 j 12:43	0°♋	
morning set	-3237 Aug 22 j 06:47	23°♋42'02	
	-3237 Aug 25 j 21:49	0°♌	
superior conj	-3237 Sep 03 j 13:10	14°♌37'29	1°06'51
minimum elong	-3237 Sep 03 j 18:50	15°♌00'55	1°06'17
max. Earth dist.	-3237 Sep 09 j 15:28	24°♌33'36	1.43780 AU
	-3237 Sep 13 j 01:22	0°♍	
desc. node	-3237 Sep 14 j 13:13	2°♍21'25	
evening rise	-3237 Sep 19 j 10:47	9°♍59'43	
	-3237 Oct 02 j 16:08	0°♎	
greatest brilliancy	-3237 Oct 12 j 04:36	13°♎26'05	-0.5m
evening max el	-3237 Oct 18 j 01:26	20°♎25'33	20°44'51
retrograde	-3237 Oct 26 j 06:20	25°♎16'37	
evening set	-3237 Oct 30 j 02:20	23°♎52'24	
asc. node	-3237 Oct 30 j 14:03	23°♎29'28	
inferior conj	-3237 Nov 04 j 13:15	17°♎41'14	1°38'49
minimum elong	-3237 Nov 04 j 11:07	17°♎48'28	1°37'58
min. Earth dist.	-3237 Nov 05 j 02:39	16°♎55'37	0.67037 AU
morning rise	-3237 Nov 09 j 19:29	11°♎24'30	
direct	-3237 Nov 15 j 04:31	9°♎05'35	
morning max el	-3237 Nov 26 j 06:34	15°♎42'08	24°15'37
	-3237 Dec 08 j 01:23	0°♏	
desc. node	-3237 Dec 11 j 12:51	4°♏50'33	
	-3237 Dec 27 j 20:06	0°♐	
morning set	-3236 Jan 01 j 00:32	7°♐06'16	
max. Earth dist.	-3236 Jan 04 j 21:07	13°♐54'51	1.38085 AU
superior conj	-3236 Jan 11 j 21:14	26°♐55'55	-1°-49'-40
minimum elong	-3236 Jan 11 j 23:41	27°♐07'41	1°49'39
	-3236 Jan 13 j 11:26	0°♑	
evening rise	-3236 Jan 20 j 15:42	14°♑07'35	
asc. node	-3236 Jan 26 j 13:14	25°♑25'11	
	-3236 Jan 29 j 03:55	0°♒	
evening max el	-3236 Feb 06 j 06:48	10°♒56'12	19°01'15
retrograde	-3236 Feb 14 j 19:27	15°♒01'39	
evening set	-3236 Feb 17 j 03:58	14°♒44'14	
inferior conj	-3236 Feb 25 j 04:09	10°♒28'46	3°01'44
minimum elong	-3236 Feb 25 j 08:53	10°♒20'26	3°00'35
min. Earth dist.	-3236 Feb 28 j 07:21	8°♒17'25	0.57162 AU
morning rise	-3236 Mar 04 j 09:54	5°♒26'50	
desc. node	-3236 Mar 08 j 12:00	4°♒24'57	
direct	-3236 Mar 09 j 15:45	4°♒21'44	
morning max el	-3236 Mar 23 j 21:39	11°♒43'02	25°35'19
	-3236 Apr 06 j 23:31	0°♓	
morning set	-3236 Apr 20 j 04:43	24°♓42'04	
	-3236 Apr 22 j 16:30	0°♈	
asc. node	-3236 Apr 23 j 12:44	1°♈49'13	
superior conj	-3236 Apr 27 j 05:43	9°♈53'48	0°37'58
minimum elong	-3236 Apr 27 j 04:07	9°♈45'04	0°37'40
max. Earth dist.	-3236 Apr 28 j 02:17	11°♈45'53	1.32806 AU
evening rise	-3236 May 04 j 09:45	25°♈11'58	
	-3236 May 06 j 18:36	0°♉	
	-3236 May 24 j 07:59	0°♊	
desc. node	-3236 Jun 04 j 10:54	13°♊25'38	
evening max el	-3236 Jun 04 j 20:00	13°♊47'35	27°10'09
retrograde	-3236 Jun 18 j 18:10	21°♊09'13	
evening set	-3236 Jun 25 j 18:24	18°♊52'47	
min. Earth dist.	-3236 Jun 29 j 09:36	16°♊06'04	0.61625 AU
inferior conj	-3236 Jul 02 j 13:15	13°♊15'42	-4°-15'-42
minimum elong	-3236 Jul 02 j 15:41	13°♊10'10	4°15'22
morning rise	-3236 Jul 09 j 15:46	8°♊19'05	
direct	-3236 Jul 12 j 03:47	7°♊52'35	
morning max el	-3236 Jul 19 j 01:15	11°♊18'57	17°59'22
asc. node	-3236 Jul 20 j 12:07	12°♊51'10	
	-3236 Jul 31 j 11:59	0°♋	
morning set	-3236 Aug 04 j 02:07	6°♋31'16	
superior conj	-3236 Aug 14 j 16:31	25°♋32'21	1°33'31
minimum elong	-3236 Aug 14 j 20:51	25°♋51'10	1°33'17
	-3236 Aug 17 j 06:37	0°♌	
max. Earth dist.	-3236 Aug 22 j 02:17	8°♌05'31	1.42322 AU
evening rise	-3236 Aug 28 j 19:39	18°♌57'08	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3236 Aug 31 j 10:11	23°♌02'34	
	-3236 Sep 04 j 22:44	0°♍	
greatest brilliancy	-3236 Sep 25 j 01:57	28°♍24'21	-0.4m
	-3236 Sep 26 j 09:36	0°♎	
evening max el	-3236 Sep 29 j 21:02	3°♎50'57	21°58'22
retrograde	-3236 Oct 09 j 02:21	9°♎19'56	
evening set	-3236 Oct 13 j 10:20	7°♎37'47	
asc. node	-3236 Oct 16 j 11:08	4°♎27'46	
inferior conj	-3236 Oct 18 j 19:19	1°♎19'46	0°47'54
minimum elong	-3236 Oct 18 j 18:14	1°♎23'33	0°47'26
min. Earth dist.	-3236 Oct 18 j 22:04	1°♎10'16	0.67395 AU
	-3236 Oct 19 j 18:31	30°℞♍	
morning rise	-3236 Oct 24 j 01:55	25°♍03'14	
direct	-3236 Oct 28 j 19:40	23°♍05'49	
morning max el	-3236 Nov 07 j 16:55	28°♍59'19	22°48'48
	-3236 Nov 08 j 16:16	0°♎	
greatest brilliancy	-3236 Nov 12 j 11:15	4°♎20'21	-0.3m
desc. node	-3236 Nov 27 j 09:50	24°♎49'59	
	-3236 Nov 30 j 20:29	0°♏	
morning set	-3236 Dec 11 j 18:39	17°♏15'52	
max. Earth dist.	-3236 Dec 16 j 17:06	25°♏32'26	1.40161 AU
	-3236 Dec 19 j 07:02	0°♐	
superior conj	-3236 Dec 24 j 11:12	9°♐13'43	-1°-56'-11
minimum elong	-3236 Dec 24 j 11:25	9°♐14'40	1°56'18
evening rise	-3235 Jan 03 j 05:51	27°♐33'08	
	-3235 Jan 04 j 12:49	0°♑	
asc. node	-3235 Jan 12 j 10:16	14°♑11'42	
evening max el	-3235 Jan 19 j 10:55	23°♑33'33	18°25'09
retrograde	-3235 Jan 26 j 21:02	27°♑12'46	
evening set	-3235 Jan 29 j 08:47	26°♑49'19	
inferior conj	-3235 Feb 05 j 16:46	22°♑13'29	3°47'08
minimum elong	-3235 Feb 05 j 19:22	22°♑08'11	3°46'44
min. Earth dist.	-3235 Feb 09 j 02:23	19°♑27'38	0.59052 AU
morning rise	-3235 Feb 13 j 02:27	16°♑46'33	
direct	-3235 Feb 19 j 09:38	15°♑02'44	
desc. node	-3235 Feb 23 j 09:05	15°♑42'39	
morning max el	-3235 Mar 05 j 16:10	22°♑39'12	26°50'29
	-3235 Mar 12 j 05:04	0°♒	
	-3235 Mar 30 j 20:23	0°♓	
morning set	-3235 Apr 04 j 15:09	9°♓38'13	
asc. node	-3235 Apr 10 j 09:43	22°♓01'39	
superior conj	-3235 Apr 11 j 17:26	24°♓55'12	0°13'50
minimum elong	-3235 Apr 11 j 16:49	24°♓51'51	0°13'42
behind sun begin	-3235 Apr 11 j 14:19	24°♓38'11	
behind sun end	-3235 Apr 11 j 19:19	25°♓05'30	
max. Earth dist.	-3235 Apr 11 j 15:19	24°♓43'39	1.32536 AU
	-3235 Apr 14 j 01:10	0°♈	
evening rise	-3235 Apr 18 j 17:51	10°♈03'27	
	-3235 Apr 29 j 02:44	0°♉	
evening max el	-3235 May 17 j 20:54	25°♉38'10	26°22'32
desc. node	-3235 May 22 j 07:59	29°♉21'29	
	-3235 May 23 j 06:45	0°♊	
retrograde	-3235 May 31 j 22:45	2°♊56'07	
evening set	-3235 Jun 07 j 07:19	1°♊14'28	
	-3235 Jun 09 j 09:34	30°℞♉	
min. Earth dist.	-3235 Jun 11 j 10:01	28°♉34'10	0.59586 AU
inferior conj	-3235 Jun 14 j 18:59	25°♉55'21	-4°-23'-37
minimum elong	-3235 Jun 14 j 18:32	25°♉56'15	4°23'32
morning rise	-3235 Jun 22 j 09:21	21°♉20'49	
direct	-3235 Jun 24 j 20:44	20°♉58'55	
morning max el	-3235 Jul 02 j 11:20	24°♉38'12	18°21'10
	-3235 Jul 06 j 23:14	0°♊	
asc. node	-3235 Jul 07 j 09:09	0°♊35'30	
morning set	-3235 Jul 18 j 11:55	20°♊03'34	
	-3235 Jul 23 j 17:25	0°♋	
superior conj	-3235 Jul 27 j 20:33	7°♋41'06	1°46'33
minimum elong	-3235 Jul 27 j 22:16	7°♋49'00	1°46'36
max. Earth dist.	-3235 Aug 04 j 07:18	20°♋55'00	1.40486 AU
evening rise	-3235 Aug 09 j 00:44	28°♋52'41	
	-3235 Aug 09 j 17:06	0°♌	
desc. node	-3235 Aug 18 j 07:11	13°♌36'37	
	-3235 Aug 29 j 11:58	0°♍	
greatest brilliancy	-3235 Sep 06 j 02:19	10°♍02'57	-0.2m
evening max el	-3235 Sep 12 j 11:30	17°♍17'49	23°18'13
retrograde	-3235 Sep 22 j 19:36	23°♍24'54	
evening set	-3235 Sep 27 j 17:26	21°♍23'30	
inferior conj	-3235 Oct 03 j 02:02	15°♍02'24	0°-5'-18
minimum elong	-3235 Oct 03 j 02:09	15°♍01'58	0°05'15
transit middle	-3235 Oct 03 j 02:09	15°♍01'58	0°05'15
transit begin	-3235 Oct 02 j 23:36	15°♍10'46	
transit end	-3235 Oct 03 j 04:43	14°♍53'11	
min. Earth dist.	-3235 Oct 02 j 18:36	15°♍27'57	0.67452 AU
asc. node	-3235 Oct 03 j 08:14	14°♍41'08	
morning rise	-3235 Oct 08 j 10:54	8°♍49'07	
direct	-3235 Oct 12 j 14:35	7°♍13'10	
morning max el	-3235 Oct 21 j 08:09	12°♍22'31	21°25'55
greatest brilliancy	-3235 Oct 26 j 13:23	18°♍23'55	-0.4m
	-3235 Nov 04 j 01:48	0°♎	
desc. node	-3235 Nov 14 j 06:48	15°♎07'42	
morning set	-3235 Nov 21 j 08:36	26°♎05'41	
	-3235 Nov 23 j 19:38	0°♏	
max. Earth dist.	-3235 Nov 28 j 18:43	8°♏02'38	1.42117 AU
superior conj	-3235 Dec 06 j 03:33	20°♏26'59	-1°-50'-34
minimum elong	-3235 Dec 06 j 00:04	20°♏11'59	1°50'29
	-3235 Dec 11 j 14:11	0°♐	
evening rise	-3235 Dec 17 j 07:22	10°♐18'58	
	-3235 Dec 28 j 16:38	0°♑	
asc. node	-3235 Dec 30 j 07:19	2°♑19'07	
evening max el	-3234 Jan 02 j 20:40	6°♑33'23	18°08'59
retrograde	-3234 Jan 09 j 15:13	10°♑01'19	
evening set	-3234 Jan 12 j 06:07	9°♑30'33	
inferior conj	-3234 Jan 19 j 00:34	4°♑32'42	4°00'50
minimum elong	-3234 Jan 19 j 00:29	4°♑32'54	4°00'43
min. Earth dist.	-3234 Jan 22 j 03:39	1°♑36'37	0.61084 AU
	-3234 Jan 24 j 01:07	30°℞♐	
morning rise	-3234 Jan 25 j 16:17	28°♐48'32	
direct	-3234 Feb 01 j 14:14	26°♐29'11	
desc. node	-3234 Feb 10 j 06:09	29°♐38'43	
	-3234 Feb 10 j 18:20	0°♑	
morning max el	-3234 Feb 15 j 16:44	4°♑12'26	27°34'23
	-3234 Mar 06 j 20:20	0°♒	
morning set	-3234 Mar 19 j 22:04	24°♒21'38	
	-3234 Mar 22 j 14:50	0°♓	
max. Earth dist.	-3234 Mar 26 j 03:46	7°♓36'44	1.32617 AU
superior conj	-3234 Mar 27 j 04:41	9°♓52'26	0°-11'-22
minimum elong	-3234 Mar 27 j 05:12	9°♓55'15	0°11'18
behind sun begin	-3234 Mar 27 j 01:38	9°♓35'49	
behind sun end	-3234 Mar 27 j 08:45	10°♓14'41	
asc. node	-3234 Mar 28 j 06:44	12°♓14'40	
evening rise	-3234 Apr 03 j 04:42	25°♓00'34	
	-3234 Apr 05 j 14:30	0°♈	
	-3234 Apr 23 j 13:40	0°♉	
evening max el	-3234 Apr 29 j 15:47	6°♉48'07	25°07'19
desc. node	-3234 May 09 j 05:04	13°♉09'41	
retrograde	-3234 May 13 j 16:50	13°♉56'33	
evening set	-3234 May 18 j 22:10	12°♉53'33	
min. Earth dist.	-3234 May 24 j 03:59	10°♉03'03	0.57620 AU
inferior conj	-3234 May 27 j 05:49	7°♉57'41	-4°-1'-51
minimum elong	-3234 May 27 j 01:37	8°♉04'53	4°01'12
morning rise	-3234 Jun 04 j 09:04	3°♉43'56	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3234 Jun 06 j 20:45	3°♉25'32		
morning max el	-3234 Jun 15 j 14:30	7°♉30'47	19°03'18	
asc. node	-3234 Jun 24 j 06:12	19°♉05'37		
	-3234 Jun 30 j 05:15	0°♊		
morning set	-3234 Jul 02 j 08:06	4°♊08'30		
superior conj	-3234 Jul 10 j 19:33	20°♊47'49	1°48'29	
minimum elong	-3234 Jul 10 j 19:00	20°♊45'13	1°48'35	
	-3234 Jul 15 j 16:49	0°♋		
max. Earth dist.	-3234 Jul 17 j 09:28	3°♋05'25	1.38525 AU	
evening rise	-3234 Jul 21 j 07:52	10°♋03'42		
	-3234 Aug 02 j 13:02	0°♌		
desc. node	-3234 Aug 05 j 04:12	3°♌58'53		
	-3234 Aug 25 j 04:04	0°♍		
evening max el	-3234 Aug 25 j 23:05	0°♍47'53	24°37'58	
retrograde	-3234 Sep 06 j 09:00	7°♍27'55		
evening set	-3234 Sep 11 j 21:53	5°♍07'34		
	-3234 Sep 16 j 09:46	30°℞♌		
min. Earth dist.	-3234 Sep 16 j 13:43	29°♌46'50	0.67207 AU	
inferior conj	-3234 Sep 17 j 07:39	28°♌46'57	0°-59'-12	
minimum elong	-3234 Sep 17 j 09:03	28°♌42'16	0°58'34	
asc. node	-3234 Sep 20 j 05:20	25°♌07'05		
morning rise	-3234 Sep 22 j 20:32	22°♌40'11		
direct	-3234 Sep 26 j 11:57	21°♌23'46		
morning max el	-3234 Oct 04 j 06:30	25°♌54'33	20°13'04	
	-3234 Oct 07 j 20:38	0°♍		
greatest brilliancy	-3234 Oct 11 j 04:51	4°♍22'04	-0.6m	
	-3234 Oct 28 j 12:17	0°♎		
morning set	-3234 Oct 31 j 06:42	4°♎16'14		
desc. node	-3234 Nov 01 j 03:46	5°♎37'51		
max. Earth dist.	-3234 Nov 11 j 04:18	21°♎25'10	1.43677 AU	
	-3234 Nov 16 j 11:25	0°♏		
superior conj	-3234 Nov 16 j 17:14	0°♏23'51	-1°-29'00	
minimum elong	-3234 Nov 16 j 10:21	29°♎55'39	1°28'27	
evening rise	-3234 Nov 29 j 15:59	22°♏16'13		
	-3234 Dec 04 j 03:14	0°♐		
asc. node	-3234 Dec 17 j 04:23	19°♐35'06		
evening max el	-3234 Dec 17 j 09:01	19°♐46'57	18°12'09	
retrograde	-3234 Dec 23 j 21:52	23°♐16'26		
evening set	-3234 Dec 26 j 16:12	22°♐37'24		
inferior conj	-3233 Jan 01 j 23:54	17°♐18'23	3°51'30	
minimum elong	-3233 Jan 01 j 21:53	17°♐23'45	3°51'10	
min. Earth dist.	-3233 Jan 04 j 13:46	14°♐33'59	0.62979 AU	
morning rise	-3233 Jan 08 j 01:49	11°♐21'58		
direct	-3233 Jan 15 j 03:03	8°♐39'33		
desc. node	-3233 Jan 28 j 03:12	15°♐37'26		
morning max el	-3233 Jan 28 j 22:48	16°♐24'53	27°42'07	
	-3233 Feb 09 j 05:31	0°♑		
	-3233 Feb 27 j 11:50	0°♒		
morning set	-3233 Mar 03 j 23:15	8°♒44'03		
max. Earth dist.	-3233 Mar 09 j 11:43	20°♒11'02	1.33061 AU	
superior conj	-3233 Mar 11 j 13:44	24°♒39'05	0°-36'-45	
minimum elong	-3233 Mar 11 j 15:24	24°♒48'01	0°36'30	
	-3233 Mar 14 j 01:08	0°♓		
asc. node	-3233 Mar 15 j 03:46	2°♓23'56		
evening rise	-3233 Mar 18 j 16:24	9°♓56'06		
	-3233 Mar 29 j 03:34	0°♈		
evening max el	-3233 Apr 11 j 07:28	17°♈32'11	23°35'48	
retrograde	-3233 Apr 24 j 22:24	24°♈19'11		
desc. node	-3233 Apr 26 j 02:09	24°♈16'11		
evening set	-3233 Apr 28 j 19:18	23°♈46'16		
min. Earth dist.	-3233 May 05 j 18:29	20°♈32'44	0.56052 AU	
inferior conj	-3233 May 07 j 20:38	19°♈17'33	-3°00'-35	
minimum elong	-3233 May 07 j 14:26	19°♈26'54	2°58'57	
morning rise	-3233 May 16 j 13:04	15°♈18'47		
direct	-3233 May 19 j 02:01	15°♈02'35		
morning max el	-3233 May 29 j 08:15	19°♈48'10	20°06'00	
	-3233 Jun 06 j 09:35	0°♉		
asc. node	-3233 Jun 11 j 03:15	8°♉10'48		
morning set	-3233 Jun 16 j 11:36	18°♉38'08		
	-3233 Jun 22 j 01:17	0°♊		
superior conj	-3233 Jun 24 j 08:20	4°♊38'12	1°42'00	
minimum elong	-3233 Jun 24 j 06:22	4°♊28'18	1°41'57	
max. Earth dist.	-3233 Jun 29 j 14:05	14°♊54'37	1.36677 AU	
evening rise	-3233 Jul 03 j 14:26	22°♊24'36		
	-3233 Jul 07 j 20:46	0°♋		
desc. node	-3233 Jul 23 j 01:15	24°♋03'37		
	-3233 Jul 27 j 07:35	0°♌		
evening max el	-3233 Aug 08 j 09:59	14°♌20'36	25°49'56	
retrograde	-3233 Aug 20 j 17:56	21°♌24'51		
evening set	-3233 Aug 26 j 21:48	18°♌48'27		
min. Earth dist.	-3233 Aug 31 j 05:02	14°♌05'11	0.66634 AU	
inferior conj	-3233 Sep 01 j 10:24	12°♌31'46	-1°-52'-4	
minimum elong	-3233 Sep 01 j 13:02	12°♌23'25	1°51'00	
morning rise	-3233 Sep 07 j 04:57	6°♌34'43		
asc. node	-3233 Sep 07 j 02:24	6°♌38'42		
direct	-3233 Sep 10 j 10:15	5°♌34'49		
morning max el	-3233 Sep 17 j 12:07	9°♌35'54	19°13'57	
	-3233 Oct 02 j 05:26	0°♍		
morning set	-3233 Oct 10 j 12:42	12°♍57'10		
desc. node	-3233 Oct 19 j 00:47	26°♍16'48		
	-3233 Oct 21 j 09:37	0°♎		
max. Earth dist.	-3233 Oct 24 j 19:58	5°♎24'29	1.44629 AU	
superior conj	-3233 Oct 27 j 05:06	9°♎10'35	0°-50'-39	
minimum elong	-3233 Oct 26 j 23:02	8°♎46'31	0°49'56	
	-3233 Nov 09 j 03:12	0°♏		
evening rise	-3233 Nov 11 j 03:14	3°♏17'12		
	-3233 Nov 28 j 04:17	0°♐		
evening max el	-3233 Nov 30 j 21:17	3°♐08'43	18°33'46	
asc. node	-3233 Dec 04 j 01:27	5°♐45'56		
retrograde	-3233 Dec 07 j 12:41	6°♐50'25		
evening set	-3233 Dec 10 j 11:38	6°♐01'42		
inferior conj	-3233 Dec 16 j 11:02	0°♐24'02	3°26'16	
minimum elong	-3233 Dec 16 j 08:06	0°♐32'43	3°25'34	
	-3233 Dec 16 j 19:11	30°℞♏		
min. Earth dist.	-3233 Dec 18 j 10:00	28°♏05'57	0.64575 AU	
morning rise	-3233 Dec 22 j 03:20	24°♏18'28		
direct	-3233 Dec 28 j 22:54	21°♏27'59		
morning max el	-3232 Jan 11 j 08:05	29°♏09'25	27°15'04	
	-3232 Jan 12 j 04:05	0°♐		
desc. node	-3232 Jan 15 j 00:15	3°♐05'12		
	-3232 Feb 03 j 01:46	0°♑		
morning set	-3232 Feb 15 j 15:46	22°♑36'05		
	-3232 Feb 19 j 08:55	0°♒		
max. Earth dist.	-3232 Feb 20 j 11:15	2°♒14'35	1.33912 AU	
superior conj	-3232 Feb 23 j 18:42	9°♒08'41	-1°-1'-18	
minimum elong	-3232 Feb 23 j 21:21	9°♒22'38	1°00'56	
asc. node	-3232 Mar 01 j 00:48	22°♒25'00		
evening rise	-3232 Mar 02 j 03:11	24°♒43'29		
	-3232 Mar 04 j 16:46	0°♓		
evening max el	-3232 Mar 23 j 02:01	28°♓16'52	22°02'12	
	-3232 Mar 25 j 00:30	0°♈		
retrograde	-3232 Apr 04 j 16:38	4°♈24'43		
evening set	-3232 Apr 07 j 11:29	4°♈07'28		
desc. node	-3232 Apr 11 j 23:14	2°♈35'41		
inferior conj	-3232 Apr 16 j 19:52	0°♈01'23	-1°-20'-28	
minimum elong	-3232 Apr 16 j 16:12	0°♈06'33	1°19'15	
min. Earth dist.	-3232 Apr 16 j 08:11	0°♈17'49	0.55205 AU	
	-3232 Apr 16 j 20:50	30°℞♓		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-3232 Apr 25 j 22:18	26°♓03'44	
direct	-3232 Apr 28 j 16:29	25°♓46'42	
	-3232 May 09 j 00:39	0°♈	
morning max el	-3232 May 10 j 15:12	1°♈24'09	21°27'40
asc. node	-3232 May 28 j 00:18	27°♈41'44	
	-3232 May 29 j 03:52	0°♉	
morning set	-3232 May 30 j 19:54	3°♉24'41	
superior conj	-3232 Jun 07 j 06:45	18°♉59'18	1°29'14
minimum elong	-3232 Jun 07 j 04:09	18°♉45'50	1°29'00
max. Earth dist.	-3232 Jun 11 j 02:16	26°♉47'17	1.35119 AU
	-3232 Jun 12 j 16:56	0°♊	
evening rise	-3232 Jun 15 j 15:09	5°♊40'51	
	-3232 Jun 29 j 14:29	0°♋	
desc. node	-3232 Jul 08 j 22:18	13°♋42'13	
evening max el	-3232 Jul 20 j 21:15	27°♋49'57	26°46'16
	-3232 Jul 23 j 06:14	0°♌	
retrograde	-3232 Aug 02 j 21:59	5°♌08'19	
evening set	-3232 Aug 09 j 14:52	2°♌22'24	
	-3232 Aug 12 j 01:57	30°℞♋	
min. Earth dist.	-3232 Aug 13 j 14:12	28°♋17'44	0.65702 AU
inferior conj	-3232 Aug 15 j 08:17	26°♋12'50	-2°-42'-2
minimum elong	-3232 Aug 15 j 11:52	26°♋02'14	2°40'47
morning rise	-3232 Aug 21 j 10:00	20°♋28'41	
asc. node	-3232 Aug 23 j 23:30	19°♋42'31	
direct	-3232 Aug 24 j 07:29	19°♋41'54	
morning max el	-3232 Aug 30 j 23:19	23°♋22'23	18°30'31
	-3232 Sep 05 j 07:12	0°♌	
morning set	-3232 Sep 19 j 19:11	22°♌51'15	
	-3232 Sep 24 j 05:22	0°♍	
desc. node	-3232 Oct 04 j 21:47	17°♍00'24	
superior conj	-3232 Oct 05 j 04:44	17°♍27'47	0°-1'-51
minimum elong	-3232 Oct 05 j 04:29	17°♍26'48	0°01'48
behind sun begin	-3232 Oct 04 j 17:12	16°♍42'19	
behind sun end	-3232 Oct 05 j 15:45	18°♍11'16	
max. Earth dist.	-3232 Oct 06 j 13:59	19°♍38'51	1.44860 AU
	-3232 Oct 13 j 03:56	0°♎	
evening rise	-3232 Oct 21 j 13:53	13°♎15'18	
	-3232 Nov 01 j 05:29	0°♏	
greatest brilliancy	-3232 Nov 02 j 04:11	1°♏27'25	-0.7m
evening max el	-3232 Nov 13 j 07:01	16°♏34'37	19°12'48
asc. node	-3232 Nov 19 j 22:30	20°♏36'30	
retrograde	-3232 Nov 20 j 08:08	20°♏37'25	
evening set	-3232 Nov 23 j 13:29	19°♏37'01	
inferior conj	-3232 Nov 29 j 06:41	13°♏43'51	2°50'10
minimum elong	-3232 Nov 29 j 03:37	13°♏53'34	2°49'11
min. Earth dist.	-3232 Nov 30 j 15:29	11°♏59'47	0.65810 AU
morning rise	-3232 Dec 04 j 16:52	7°♏31'51	
direct	-3232 Dec 11 j 01:11	4°♏46'32	
morning max el	-3232 Dec 23 j 17:49	12°♏13'32	26°19'25
desc. node	-3232 Dec 31 j 21:20	21°♏36'10	
	-3231 Jan 07 j 02:11	0°♐	
	-3231 Jan 25 j 16:27	0°♑	
morning set	-3231 Jan 28 j 19:46	5°♑46'06	
max. Earth dist.	-3231 Feb 01 j 23:14	13°♑42'43	1.35210 AU
superior conj	-3231 Feb 06 j 17:18	23°♑14'36	-1°-23'-38
minimum elong	-3231 Feb 06 j 20:32	23°♑31'07	1°23'18
	-3231 Feb 09 j 23:52	0°♒	
evening rise	-3231 Feb 14 j 11:14	9°♒16'52	
asc. node	-3231 Feb 15 j 21:49	12°♒13'21	
	-3231 Feb 25 j 16:11	0°♓	
evening max el	-3231 Mar 05 j 05:16	9°♓27'40	20°38'24
retrograde	-3231 Mar 16 j 06:23	14°♓43'40	
evening set	-3231 Mar 18 j 13:42	14°♓30'50	
inferior conj	-3231 Mar 27 j 15:22	10°♓33'14	0°36'46
minimum elong	-3231 Mar 27 j 17:01	10°♓30'50	0°36'10
min. Earth dist.	-3231 Mar 28 j 22:25	9°♓48'16	0.55286 AU
desc. node	-3231 Mar 29 j 20:19	9°♓17'04	
morning rise	-3231 Apr 05 j 18:37	6°♓17'55	
direct	-3231 Apr 09 j 04:42	5°♓52'27	
morning max el	-3231 Apr 22 j 12:19	12°♓21'50	23°03'05
	-3231 May 05 j 17:21	0°♈	
asc. node	-3231 May 14 j 21:21	17°♈31'32	
morning set	-3231 May 15 j 07:02	18°♈22'00	
	-3231 May 20 j 18:14	0°♉	
superior conj	-3231 May 22 j 11:41	3°♉41'29	1°11'49
minimum elong	-3231 May 22 j 09:07	3°♉27'49	1°11'29
max. Earth dist.	-3231 May 25 j 00:16	9°♉01'43	1.33933 AU
evening rise	-3231 May 30 j 05:09	19°♉38'33	
	-3231 Jun 04 j 15:34	0°♊	
	-3231 Jun 23 j 16:14	0°♋	
desc. node	-3231 Jun 25 j 19:18	2°♋43'34	
evening max el	-3231 Jul 03 j 08:26	11°♋07'08	27°19'20
retrograde	-3231 Jul 16 j 20:37	18°♋30'27	
evening set	-3231 Jul 23 j 22:17	15°♋45'32	
min. Earth dist.	-3231 Jul 27 j 15:12	12°♋17'25	0.64392 AU
inferior conj	-3231 Jul 29 j 22:58	9°♋46'12	-3°-26'-31
minimum elong	-3231 Jul 30 j 02:56	9°♋35'25	3°25'25
morning rise	-3231 Aug 05 j 09:15	4°♋17'59	
direct	-3231 Aug 08 j 01:19	3°♋41'03	
asc. node	-3231 Aug 10 j 20:37	4°♋21'41	
morning max el	-3231 Aug 14 j 13:41	7°♋09'18	18°04'03
	-3231 Aug 29 j 19:32	0°♌	
morning set	-3231 Sep 01 j 05:02	4°♌03'59	
superior conj	-3231 Sep 14 j 14:37	26°♌18'45	0°44'57
minimum elong	-3231 Sep 14 j 19:26	26°♌38'13	0°44'24
	-3231 Sep 16 j 21:36	0°♍	
max. Earth dist.	-3231 Sep 19 j 07:10	3°♍49'39	1.44369 AU
desc. node	-3231 Sep 21 j 18:45	7°♍45'31	
evening rise	-3231 Oct 01 j 02:37	22°♍18'27	
	-3231 Oct 06 j 02:35	0°♎	
greatest brilliancy	-3231 Oct 20 j 13:09	21°♎25'12	-0.6m
	-3231 Oct 27 j 11:37	0°♏	
evening max el	-3231 Oct 27 j 12:09	0°♏01'22	20°07'27
retrograde	-3231 Nov 04 j 05:19	4°♏32'53	
asc. node	-3231 Nov 06 j 19:35	3°♏53'53	
evening set	-3231 Nov 07 j 19:18	3°♏18'13	
	-3231 Nov 11 j 04:16	30°℞♎	
inferior conj	-3231 Nov 13 j 08:03	27°♎12'51	2°06'28
minimum elong	-3231 Nov 13 j 05:28	27°♎21'30	2°05'29
min. Earth dist.	-3231 Nov 14 j 04:12	26°♎05'37	0.66689 AU
morning rise	-3231 Nov 18 j 15:02	20°♎57'05	
direct	-3231 Nov 24 j 09:00	18°♎26'34	
morning max el	-3231 Dec 06 j 02:29	25°♎25'02	25°03'58
	-3231 Dec 10 j 07:10	0°♏	
desc. node	-3231 Dec 18 j 18:20	10°♏51'03	
	-3231 Dec 31 j 14:44	0°♐	
morning set	-3230 Jan 11 j 05:58	17°♐57'55	
max. Earth dist.	-3230 Jan 14 j 23:59	24°♐47'33	1.36943 AU
	-3230 Jan 17 j 18:24	0°♑	
superior conj	-3230 Jan 21 j 06:28	6°♑47'17	-1°-41'-56
minimum elong	-3230 Jan 21 j 09:32	7°♑02'22	1°41'47
evening rise	-3230 Jan 29 j 14:22	23°♑29'03	
	-3230 Feb 01 j 21:25	0°♒	
asc. node	-3230 Feb 02 j 18:49	1°♒42'56	
evening max el	-3230 Feb 15 j 19:13	21°♒14'06	19°31'11
retrograde	-3230 Feb 25 j 03:45	25°♒41'05	
evening set	-3230 Feb 27 j 10:48	25°♒26'15	
inferior conj	-3230 Mar 07 j 21:00	21°♒20'44	2°18'38

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3230 Mar 08 j 01:47	21°♒13'00	2°17'13
min. Earth dist.	-3230 Mar 10 j 13:08	19°♒37'41	0.56276 AU
morning rise	-3230 Mar 16 j 13:08	16°♒36'16	
desc. node	-3230 Mar 16 j 17:25	16°♒32'44	
direct	-3230 Mar 21 j 02:19	15°♒49'23	
morning max el	-3230 Apr 04 j 03:34	22°♒56'31	24°42'12
	-3230 Apr 10 j 10:10	0°♓	
	-3230 Apr 28 j 04:02	0°♈	
morning set	-3230 Apr 29 j 19:12	3°♈23'25	
asc. node	-3230 May 01 j 18:21	7°♈33'38	
superior conj	-3230 May 06 j 20:44	18°♈36'03	0°51'03
minimum elong	-3230 May 06 j 18:41	18°♈24'54	0°50'43
max. Earth dist.	-3230 May 08 j 06:48	21°♈40'14	1.33117 AU
	-3230 May 12 j 04:56	0°♉	
evening rise	-3230 May 14 j 04:27	4°♉04'43	
	-3230 May 28 j 09:18	0°♊	
desc. node	-3230 Jun 12 j 16:21	20°♊51'54	
evening max el	-3230 Jun 15 j 17:41	23°♊59'49	27°23'01
	-3230 Jun 23 j 22:54	0°♋	
retrograde	-3230 Jun 29 j 13:02	1°♋22'13	
	-3230 Jul 04 j 19:44	30°℞♊	
evening set	-3230 Jul 06 j 16:29	28°♊51'40	
min. Earth dist.	-3230 Jul 10 j 06:31	25°♊53'12	0.62718 AU
inferior conj	-3230 Jul 13 j 03:35	23°♊05'42	-4°-1'-47
minimum elong	-3230 Jul 13 j 06:59	22°♊57'26	4°01'09
morning rise	-3230 Jul 19 j 23:46	17°♊56'31	
direct	-3230 Jul 22 j 12:45	17°♊26'42	
asc. node	-3230 Jul 28 j 17:42	20°♊25'07	
morning max el	-3230 Jul 29 j 04:36	20°♊51'10	17°55'39
	-3230 Aug 05 j 01:52	0°♋	
morning set	-3230 Aug 14 j 13:51	16°♋22'58	
	-3230 Aug 22 j 07:38	0°♌	
superior conj	-3230 Aug 26 j 01:56	6°♌25'47	1°19'56
minimum elong	-3230 Aug 26 j 07:22	6°♌48'40	1°19'29
max. Earth dist.	-3230 Sep 01 j 21:19	17°♌42'01	1.43224 AU
desc. node	-3230 Sep 08 j 15:43	28°♌29'15	
	-3230 Sep 09 j 14:55	0°♍	
evening rise	-3230 Sep 10 j 07:15	1°♍03'35	
	-3230 Sep 29 j 17:52	0°♎	
greatest brilliancy	-3230 Oct 05 j 05:06	7°♎20'40	-0.4m
evening max el	-3230 Oct 10 j 11:28	13°♎28'07	21°15'04
retrograde	-3230 Oct 19 j 02:10	18°♎34'25	
evening set	-3230 Oct 23 j 03:02	17°♎02'54	
asc. node	-3230 Oct 24 j 16:41	15°♎37'55	
inferior conj	-3230 Oct 28 j 12:58	10°♎48'40	1°17'37
minimum elong	-3230 Oct 28 j 11:15	10°♎54'33	1°16'54
min. Earth dist.	-3230 Oct 28 j 21:47	10°♎18'23	0.67234 AU
morning rise	-3230 Nov 02 j 19:07	4°♎31'47	
direct	-3230 Nov 07 j 21:43	2°♎21'39	
morning max el	-3230 Nov 18 j 11:20	8°♎39'55	23°38'37
	-3230 Dec 05 j 05:02	0°♏	
desc. node	-3230 Dec 05 j 15:20	0°♏37'14	
morning set	-3230 Dec 23 j 16:14	28°♏55'24	
	-3230 Dec 24 j 07:26	0°♐	
max. Earth dist.	-3230 Dec 27 j 19:41	6°♐04'29	1.38972 AU
superior conj	-3229 Jan 04 j 06:20	19°♐36'23	-1°-53'-40
minimum elong	-3229 Jan 04 j 08:02	19°♐44'22	1°53'44
	-3229 Jan 09 j 16:53	0°♑	
evening rise	-3229 Jan 13 j 10:06	7°♑13'48	
asc. node	-3229 Jan 20 j 15:49	20°♑47'25	
	-3229 Jan 26 j 15:02	0°♒	
evening max el	-3229 Jan 29 j 18:51	3°♒34'44	18°43'23
retrograde	-3229 Feb 06 j 18:32	7°♒26'44	
evening set	-3229 Feb 09 j 04:38	7°♒06'46	
inferior conj	-3229 Feb 16 j 21:38	2°♒42'53	3°25'24
minimum elong	-3229 Feb 17 j 01:39	2°♒35'19	3°24'34
min. Earth dist.	-3229 Feb 20 j 05:29	0°♒14'20	0.57937 AU
	-3229 Feb 20 j 13:35	30°℞♑	
morning rise	-3229 Feb 24 j 18:55	27°♑29'41	
direct	-3229 Mar 02 j 12:46	26°♑08'35	
desc. node	-3229 Mar 03 j 14:30	26°♑11'25	
	-3229 Mar 12 j 13:36	0°♒	
morning max el	-3229 Mar 16 j 19:19	3°♒36'44	26°10'30
	-3229 Apr 04 j 19:27	0°♓	
morning set	-3229 Apr 14 j 06:45	18°♓23'12	
asc. node	-3229 Apr 18 j 15:20	27°♓43'23	
	-3229 Apr 19 j 16:23	0°♈	
superior conj	-3229 Apr 21 j 07:57	3°♈36'26	0°27'54
minimum elong	-3229 Apr 21 j 06:45	3°♈29'50	0°27'39
max. Earth dist.	-3229 Apr 21 j 18:43	4°♈35'15	1.32654 AU
evening rise	-3229 Apr 28 j 10:03	18°♈49'20	
	-3229 May 04 j 00:45	0°♉	
	-3229 May 23 j 04:26	0°♊	
evening max el	-3229 May 28 j 22:15	6°♊15'05	26°53'48
desc. node	-3229 May 30 j 13:25	7°♊44'33	
retrograde	-3229 Jun 11 j 21:59	13°♊34'35	
evening set	-3229 Jun 18 j 17:11	11°♊31'56	
min. Earth dist.	-3229 Jun 22 j 11:46	8°♊50'10	0.60766 AU
inferior conj	-3229 Jun 25 j 18:42	6°♊02'24	-4°-22'-3
minimum elong	-3229 Jun 25 j 20:06	5°♊59'25	4°21'53
morning rise	-3229 Jul 03 j 02:04	1°♊14'54	
direct	-3229 Jul 05 j 13:49	0°♊50'21	
morning max el	-3229 Jul 12 j 17:14	4°♊20'36	18°06'16
asc. node	-3229 Jul 15 j 14:46	7°♊36'46	
morning set	-3229 Jul 28 j 15:56	29°♊32'07	
	-3229 Jul 28 j 21:55	0°♋	
superior conj	-3229 Aug 07 j 16:25	17°♋53'40	1°40'35
minimum elong	-3229 Aug 07 j 19:40	18°♋08'08	1°40'30
	-3229 Aug 14 j 16:10	0°♌	
max. Earth dist.	-3229 Aug 15 j 06:15	0°♌59'12	1.41574 AU
evening rise	-3229 Aug 20 j 23:15	10°♌21'39	
desc. node	-3229 Aug 26 j 12:42	19°♌07'57	
	-3229 Sep 02 j 17:11	0°♍	
greatest brilliancy	-3229 Sep 18 j 10:26	21°♍33'27	-0.3m
evening max el	-3229 Sep 23 j 04:45	26°♍54'13	22°31'51
	-3229 Sep 26 j 15:27	0°♎	
retrograde	-3229 Oct 02 j 21:04	2°♎39'07	
evening set	-3229 Oct 07 j 10:52	0°♎48'40	
	-3229 Oct 08 j 08:37	30°℞♍	
asc. node	-3229 Oct 11 j 13:47	26°♍10'51	
inferior conj	-3229 Oct 12 j 19:31	24°♍28'59	0°25'30
minimum elong	-3229 Oct 12 j 18:56	24°♍31'03	0°25'15
min. Earth dist.	-3229 Oct 12 j 17:52	24°♍34'44	0.67463 AU
morning rise	-3229 Oct 18 j 02:53	18°♍13'45	
direct	-3229 Oct 22 j 14:30	16°♍25'42	
morning max el	-3229 Oct 31 j 23:26	21°♍59'26	22°12'39
greatest brilliancy	-3229 Nov 05 j 16:48	27°♍19'46	-0.4m
	-3229 Nov 07 j 19:44	0°♎	
desc. node	-3229 Nov 22 j 12:19	20°♎45'17	
	-3229 Nov 28 j 13:26	0°♏	
morning set	-3229 Dec 03 j 21:53	8°♏28'46	
max. Earth dist.	-3229 Dec 09 j 18:02	18°♏05'16	1.41035 AU
	-3229 Dec 16 j 15:53	0°♐	
superior conj	-3229 Dec 17 j 11:48	1°♐28'19	-1°-55'-31
minimum elong	-3229 Dec 17 j 10:34	1°♐22'51	1°55'37
evening rise	-3229 Dec 27 j 19:21	20°♐23'33	
	-3228 Jan 02 j 00:21	0°♑	
asc. node	-3228 Jan 07 j 12:52	9°♑18'31	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3228 Jan 13 j 01:39	16°♑22'16	18°15'46	
retrograde	-3228 Jan 20 j 03:52	19°♑55'13		
evening set	-3228 Jan 22 j 16:57	19°♑28'44		
inferior conj	-3228 Jan 29 j 18:47	14°♑43'10	3°56'18	
minimum elong	-3228 Jan 29 j 20:11	14°♑40'05	3°56'06	
min. Earth dist.	-3228 Feb 02 j 02:36	11°♑50'15	0.59919 AU	
morning rise	-3228 Feb 05 j 20:22	9°♑08'01		
direct	-3228 Feb 12 j 11:06	7°♑08'24		
desc. node	-3228 Feb 18 j 11:35	8°♑40'02		
morning max el	-3228 Feb 26 j 16:27	14°♑48'01	27°13'34	
	-3228 Mar 09 j 23:29	0°♒		
	-3228 Mar 27 j 01:55	0°♓		
morning set	-3228 Mar 28 j 15:58	3°♓15'17		
superior conj	-3228 Apr 04 j 19:41	18°♓36'57	0°03'14	
minimum elong	-3228 Apr 04 j 19:33	18°♓36'10	0°03'11	
behind sun begin	-3228 Apr 04 j 14:37	18°♓09'13		
behind sun end	-3228 Apr 05 j 00:28	19°♓03'08		
max. Earth dist.	-3228 Apr 04 j 08:10	17°♓33'56	1.32528 AU	
asc. node	-3228 Apr 04 j 12:20	17°♓56'43		
	-3228 Apr 10 j 01:17	0°♈		
evening rise	-3228 Apr 11 j 19:35	3°♈44'22		
	-3228 Apr 25 j 23:23	0°♉		
evening max el	-3228 May 09 j 20:20	17°♉47'16	25°53'20	
desc. node	-3228 May 16 j 10:30	22°♉51'13		
retrograde	-3228 May 23 j 22:15	25°♉02'19		
evening set	-3228 May 29 j 20:46	23°♉37'01		
min. Earth dist.	-3228 Jun 03 j 08:46	20°♉54'35	0.58721 AU	
inferior conj	-3228 Jun 06 j 16:45	18°♉27'19	-4°-18'-43	
minimum elong	-3228 Jun 06 j 14:42	18°♉31'07	4°18'30	
morning rise	-3228 Jun 14 j 12:30	14°♉02'21		
direct	-3228 Jun 17 j 00:05	13°♉42'00		
morning max el	-3228 Jun 25 j 00:47	17°♉30'09	18°36'42	
asc. node	-3228 Jul 01 j 11:49	25°♉42'17		
	-3228 Jul 04 j 02:28	0°♊		
morning set	-3228 Jul 11 j 06:36	13°♊19'42		
	-3228 Jul 19 j 22:57	0°♋		
superior conj	-3228 Jul 20 j 05:18	0°♋29'42	1°48'34	
minimum elong	-3228 Jul 20 j 05:58	0°♋32'51	1°48'40	
max. Earth dist.	-3228 Jul 27 j 09:40	13°♋31'31	1.39647 AU	
evening rise	-3228 Jul 31 j 15:21	20°♋48'46		
	-3228 Aug 06 j 05:30	0°♌		
desc. node	-3228 Aug 12 j 09:43	9°♌37'48		
	-3228 Aug 26 j 19:50	0°♍		
evening max el	-3228 Sep 04 j 17:32	10°♍21'53	23°52'28	
retrograde	-3228 Sep 15 j 12:54	16°♍44'13		
evening set	-3228 Sep 20 j 17:07	14°♍34'19		
min. Earth dist.	-3228 Sep 25 j 14:04	8°♍53'22	0.67387 AU	
inferior conj	-3228 Sep 26 j 01:59	8°♍12'47	0°-28'-12	
minimum elong	-3228 Sep 26 j 02:39	8°♍10'31	0°27'53	
asc. node	-3228 Sep 27 j 10:54	6°♍22'20		
morning rise	-3228 Oct 01 j 12:23	2°♍02'02		
direct	-3228 Oct 05 j 10:31	0°♍34'58		
morning max el	-3228 Oct 13 j 17:44	5°♍27'03	20°53'27	
greatest brilliancy	-3228 Oct 19 j 13:15	12°♍17'55	-0.5m	
	-3228 Nov 01 j 00:39	0°♎		
desc. node	-3228 Nov 08 j 09:19	11°♎09'03		
morning set	-3228 Nov 12 j 02:44	16°♎55'08		
	-3228 Nov 20 j 08:29	0°♏		
max. Earth dist.	-3228 Nov 20 j 23:08	0°♏59'23	1.42845 AU	
superior conj	-3228 Nov 27 j 17:14	12°♏09'49	-1°-43'-31	
minimum elong	-3228 Nov 27 j 12:04	11°♏48'03	1°43'15	
	-3228 Dec 07 j 23:59	0°♐		
evening rise	-3228 Dec 09 j 14:17	2°♐50'17		
asc. node	-3228 Dec 24 j 09:56	27°♐05'53		
evening max el	-3228 Dec 26 j 12:48	29°♐28'41	18°07'57	
	-3228 Dec 27 j 01:47	0°♑		
retrograde	-3227 Jan 02 j 04:02	2°♑56'13		
evening set	-3227 Jan 04 j 20:09	2°♑22'15		
	-3227 Jan 08 j 11:35	30°℞♐		
inferior conj	-3227 Jan 11 j 09:43	27°♐15'11	3°59'12	
minimum elong	-3227 Jan 11 j 08:41	27°♐17'44	3°59'03	
min. Earth dist.	-3227 Jan 14 j 07:39	24°♐21'30	0.61915 AU	
morning rise	-3227 Jan 17 j 18:59	21°♐24'58		
direct	-3227 Jan 24 j 19:26	18°♐53'56		
desc. node	-3227 Feb 04 j 08:40	23°♐33'00		
morning max el	-3227 Feb 07 j 19:50	26°♐39'32	27°42'11	
	-3227 Feb 10 j 23:57	0°♑		
	-3227 Mar 03 j 12:04	0°♒		
morning set	-3227 Mar 12 j 20:46	17°♒51'18		
	-3227 Mar 18 j 15:18	0°♓		
max. Earth dist.	-3227 Mar 18 j 19:11	0°♓20'54	1.32753 AU	
superior conj	-3227 Mar 20 j 06:13	3°♓30'39	0°-22'-10	
minimum elong	-3227 Mar 20 j 07:13	3°♓36'08	0°22'02	
asc. node	-3227 Mar 22 j 09:20	8°♓08'47		
evening rise	-3227 Mar 27 j 07:00	18°♓41'37		
	-3227 Apr 01 j 21:17	0°♈		
evening max el	-3227 Apr 21 j 13:03	28°♈42'55	24°29'32	
	-3227 Apr 22 j 22:39	0°♉		
desc. node	-3227 May 03 j 07:36	5°♉34'18		
retrograde	-3227 May 05 j 11:41	5°♉45'10		
evening set	-3227 May 10 j 03:05	4°♉56'33		
min. Earth dist.	-3227 May 16 j 00:57	1°♉57'29	0.56878 AU	
inferior conj	-3227 May 18 j 18:56	0°♉11'36	-3°-41'-3	
minimum elong	-3227 May 18 j 13:27	0°♉20'27	3°39'57	
	-3227 May 19 j 02:08	30°℞♈		
morning rise	-3227 May 27 j 03:56	26°♈05'37		
direct	-3227 May 29 j 15:44	25°♈48'31		
	-3227 Jun 07 j 20:17	0°♉		
morning max el	-3227 Jun 08 j 00:19	0°♉09'20	19°27'34	
asc. node	-3227 Jun 18 j 08:52	14°♉28'27		
morning set	-3227 Jun 25 j 06:12	27°♉35'40		
	-3227 Jun 26 j 11:03	0°♊		
superior conj	-3227 Jul 03 j 10:44	13°♊56'39	1°46'38	
minimum elong	-3227 Jul 03 j 09:29	13°♊50'30	1°46'41	
max. Earth dist.	-3227 Jul 09 j 11:33	25°♊27'22	1.37705 AU	
	-3227 Jul 11 j 23:15	0°♋		
evening rise	-3227 Jul 13 j 08:59	2°♋30'47		
desc. node	-3227 Jul 30 j 06:45	29°♋53'22		
	-3227 Jul 30 j 08:33	0°♌		
evening max el	-3227 Aug 18 j 04:28	23°♌52'53	25°10'03	
	-3227 Aug 26 j 12:14	0°♍		
retrograde	-3227 Aug 30 j 00:40	0°♍45'21		
	-3227 Sep 02 j 06:57	30°℞♌		
evening set	-3227 Sep 04 j 19:55	28°♌17'36		
min. Earth dist.	-3227 Sep 09 j 07:58	23°♌12'24	0.66997 AU	
inferior conj	-3227 Sep 10 j 06:38	21°♌57'59	-1°-21'-53	
minimum elong	-3227 Sep 10 j 08:35	21°♌51'37	1°21'02	
asc. node	-3227 Sep 14 j 08:00	17°♌11'02		
morning rise	-3227 Sep 15 j 21:43	15°♌54'49		
direct	-3227 Sep 19 j 08:27	14°♌45'57		
morning max el	-3227 Sep 26 j 19:18	19°♌03'31	19°46'05	
greatest brilliancy	-3227 Oct 04 j 21:12	29°♌14'06	-0.6m	
	-3227 Oct 05 j 10:07	0°♍		
morning set	-3227 Oct 22 j 01:18	25°♍10'51		
	-3227 Oct 25 j 03:42	0°♎		
desc. node	-3227 Oct 26 j 06:19	1°♎43'45		
max. Earth dist.	-3227 Nov 03 j 11:08	14°♎38'23	1.44158 AU	
superior conj	-3227 Nov 07 j 19:20	21°♎35'24	-1°-14'-39	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3227 Nov 07 j 12:04	21°♎06'08	1°13'55
	-3227 Nov 12 j 23:18	0°♏	
evening rise	-3227 Nov 21 j 14:24	14°♏25'15	
	-3227 Nov 30 j 21:03	0°♐	
evening max el	-3227 Dec 10 j 01:31	12°♐47'24	18°19'10
asc. node	-3227 Dec 11 j 07:01	13°♐56'52	
retrograde	-3227 Dec 16 j 14:34	16°♐20'51	
evening set	-3227 Dec 19 j 10:37	15°♐38'02	
inferior conj	-3227 Dec 25 j 14:34	10°♐11'05	3°42'23
minimum elong	-3227 Dec 25 j 12:03	10°♐18'08	3°41'54
min. Earth dist.	-3227 Dec 27 j 22:15	7°♐36'10	0.63701 AU
morning rise	-3227 Dec 31 j 11:55	4°♐10'24	
direct	-3226 Jan 07 j 11:45	1°♐22'21	
morning max el	-3226 Jan 21 j 03:35	9°♐07'38	27°34'28
desc. node	-3226 Jan 22 j 05:43	10°♐13'55	
	-3226 Feb 06 j 11:24	0°♑	
	-3226 Feb 23 j 17:48	0°♒	
morning set	-3226 Feb 24 j 18:40	2°♒02'41	
max. Earth dist.	-3226 Mar 01 j 23:46	12°♒42'42	1.33370 AU
superior conj	-3226 Mar 04 j 13:49	18°♒11'34	0°-47'-20
minimum elong	-3226 Mar 04 j 15:55	18°♒22'50	0°47'01
asc. node	-3226 Mar 09 j 06:22	28°♒15'29	
	-3226 Mar 10 j 01:56	0°♓	
evening rise	-3226 Mar 11 j 18:32	3°♓34'45	
	-3226 Mar 26 j 09:12	0°♈	
evening max el	-3226 Apr 03 j 05:16	9°♈24'28	22°55'26
retrograde	-3226 Apr 16 j 12:03	15°♈56'43	
evening set	-3226 Apr 19 j 20:04	15°♈32'25	
desc. node	-3226 Apr 20 j 04:40	15°♈27'02	
min. Earth dist.	-3226 Apr 27 j 15:14	12°♈05'12	0.55590 AU
inferior conj	-3226 Apr 29 j 02:09	11°♈14'41	-2°-22'-5
minimum elong	-3226 Apr 28 j 20:25	11°♈22'59	2°20'23
morning rise	-3226 May 07 j 23:29	7°♈18'01	
direct	-3226 May 10 j 13:41	7°♈02'04	
morning max el	-3226 May 21 j 13:30	12°♈09'24	20°38'32
	-3226 Jun 03 j 05:45	0°♉	
asc. node	-3226 Jun 05 j 05:53	3°♉45'25	
morning set	-3226 Jun 09 j 11:57	12°♉12'53	
superior conj	-3226 Jun 17 j 03:59	28°♉00'57	1°37'13
minimum elong	-3226 Jun 17 j 01:40	27°♉49'05	1°37'06
	-3226 Jun 18 j 03:26	0°♊	
max. Earth dist.	-3226 Jun 21 j 18:40	7°♊14'02	1.35974 AU
evening rise	-3226 Jun 25 j 23:55	15°♊17'03	
	-3226 Jul 04 j 07:41	0°♋	
desc. node	-3226 Jul 17 j 03:47	19°♋47'50	
	-3226 Jul 24 j 21:59	0°♌	
evening max el	-3226 Jul 31 j 15:35	7°♌25'20	26°16'28
retrograde	-3226 Aug 13 j 07:35	14°♌36'48	
evening set	-3226 Aug 19 j 17:11	11°♌55'40	
min. Earth dist.	-3226 Aug 23 j 21:03	7°♌28'31	0.66275 AU
inferior conj	-3226 Aug 25 j 07:35	5°♌41'34	-2°-13'-48
minimum elong	-3226 Aug 25 j 10:39	5°♌32'03	2°12'36
	-3226 Aug 30 j 21:56	30°℞♋	
morning rise	-3226 Aug 31 j 04:57	29°♋49'19	
asc. node	-3226 Sep 01 j 05:06	29°♋19'45	
direct	-3226 Sep 03 j 06:38	28°♋55'20	
	-3226 Sep 06 j 18:11	0°♌	
morning max el	-3226 Sep 10 j 03:25	2°♌46'46	18°53'25
	-3226 Sep 28 j 23:00	0°♍	
morning set	-3226 Oct 01 j 16:29	4°♍19'41	
desc. node	-3226 Oct 13 j 03:19	22°♍24'57	
max. Earth dist.	-3226 Oct 17 j 04:00	28°♍45'44	1.44814 AU
superior conj	-3226 Oct 17 j 23:29	0°♎02'29	0°-30'-34
minimum elong	-3226 Oct 17 j 19:31	29°♍46'50	0°30'03
	-3226 Oct 17 j 22:51	0°♎	
evening rise	-3226 Nov 02 j 15:17	24°♎59'22	
	-3226 Nov 05 j 17:42	0°♏	
evening max el	-3226 Nov 23 j 13:03	26°♏11'58	18°48'23
asc. node	-3226 Nov 28 j 04:06	29°♏35'47	
	-3226 Nov 29 j 20:29	0°♐	
retrograde	-3226 Nov 30 j 07:38	0°♐01'13	
	-3226 Nov 30 j 18:44	30°℞♏	
evening set	-3226 Dec 03 j 09:07	29°♏07'45	
inferior conj	-3226 Dec 09 j 05:40	23°♏23'17	3°12'03
minimum elong	-3226 Dec 09 j 02:35	23°♏32'40	3°11'12
min. Earth dist.	-3226 Dec 10 j 22:28	21°♏19'07	0.65151 AU
morning rise	-3226 Dec 14 j 19:00	17°♏14'58	
direct	-3226 Dec 21 j 10:29	14°♏25'07	
morning max el	-3225 Jan 03 j 13:03	22°♏01'17	26°54'21
desc. node	-3225 Jan 09 j 02:46	28°♏11'16	
	-3225 Jan 10 j 14:12	0°♐	
	-3225 Jan 30 j 15:57	0°♑	
morning set	-3225 Feb 08 j 06:22	15°♑38'22	
max. Earth dist.	-3225 Feb 12 j 18:30	24°♑30'30	1.34416 AU
	-3225 Feb 15 j 11:01	0°♒	
superior conj	-3225 Feb 16 j 16:23	2°♒32'21	-1°-11'-8
minimum elong	-3225 Feb 16 j 19:21	2°♒47'46	1°10'46
evening rise	-3225 Feb 24 j 04:23	18°♒17'10	
asc. node	-3225 Feb 24 j 03:23	18°♒11'59	
	-3225 Mar 02 j 01:41	0°♓	
evening max el	-3225 Mar 16 j 03:07	20°♓18'26	21°24'46
retrograde	-3225 Mar 28 j 02:28	26°♓04'11	
evening set	-3225 Mar 30 j 14:51	25°♓49'47	
desc. node	-3225 Apr 07 j 01:44	22°♓51'23	
inferior conj	-3225 Apr 08 j 21:59	21°♓49'49	0°-30'-52
minimum elong	-3225 Apr 08 j 20:32	21°♓51'51	0°30'23
min. Earth dist.	-3225 Apr 09 j 04:57	21°♓40'00	0.55131 AU
morning rise	-3225 Apr 18 j 02:12	17°♓46'54	
direct	-3225 Apr 21 j 01:57	17°♓27'20	
morning max el	-3225 May 03 j 15:47	23°♓27'31	22°07'00
	-3225 May 09 j 10:30	0°♈	
asc. node	-3225 May 23 j 02:55	23°♈25'25	
morning set	-3225 May 24 j 21:42	27°♈05'09	
	-3225 May 26 j 07:10	0°♉	
superior conj	-3225 Jun 01 j 05:30	12°♉32'12	1°22'19
minimum elong	-3225 Jun 01 j 02:50	12°♉18'15	1°22'02
max. Earth dist.	-3225 Jun 04 j 11:20	19°♉16'26	1.34573 AU
evening rise	-3225 Jun 09 j 06:50	28°♉52'58	
	-3225 Jun 09 j 20:43	0°♊	
	-3225 Jun 27 j 11:18	0°♋	
desc. node	-3225 Jul 04 j 00:47	9°♋12'22	
evening max el	-3225 Jul 14 j 03:12	20°♋51'58	27°03'40
retrograde	-3225 Jul 27 j 09:09	28°♋12'27	
evening set	-3225 Aug 03 j 06:30	25°♋25'44	
min. Earth dist.	-3225 Aug 07 j 02:57	21°♋37'05	0.65191 AU
inferior conj	-3225 Aug 09 j 02:42	19°♋20'26	-3°-1'-46
minimum elong	-3225 Aug 09 j 06:32	19°♋09'27	3°00'33
morning rise	-3225 Aug 15 j 07:52	13°♋42'33	
direct	-3225 Aug 18 j 02:53	13°♋00'10	
asc. node	-3225 Aug 19 j 02:11	13°♋05'17	
morning max el	-3225 Aug 24 j 16:14	16°♋34'09	18°17'09
	-3225 Sep 03 j 10:05	0°♌	
morning set	-3225 Sep 12 j 10:57	14°♌48'54	
	-3225 Sep 21 j 18:09	0°♍	
superior conj	-3225 Sep 27 j 00:43	8°♍26'15	0°19'01
minimum elong	-3225 Sep 27 j 03:05	8°♍35'41	0°18'44
max. Earth dist.	-3225 Sep 29 j 22:39	13°♍03'12	1.44740 AU
desc. node	-3225 Sep 30 j 00:18	13°♍09'43	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3225 Oct	10 j 17:58	0°♎	
evening rise	-3225 Oct	13 j 15:44	4°♎32'09	
greatest brilliancy	-3225 Oct	29 j 07:09	28°♎32'07	-0.7m
	-3225 Oct	30 j 07:26	0°♏	
evening max el	-3225 Nov	06 j 21:05	9°♏38'41	19°34'14
retrograde	-3225 Nov	14 j 04:06	13°♏52'31	
asc. node	-3225 Nov	15 j 01:10	13°♏48'05	
evening set	-3225 Nov	17 j 12:57	12°♏46'11	
inferior conj	-3225 Nov	23 j 04:01	6°♏47'16	2°32'24
minimum elong	-3225 Nov	23 j 01:06	6°♏56'46	2°31'22
min. Earth dist.	-3225 Nov	24 j 07:09	5°♏19'05	0.66230 AU
morning rise	-3225 Nov	28 j 12:33	0°♏33'33	
	-3225 Nov	29 j 04:33	30°℞♎	
direct	-3225 Dec	04 j 14:59	27°♎53'53	
	-3225 Dec	10 j 17:59	0°♏	
morning max el	-3225 Dec	16 j 22:24	5°♏09'39	25°49'13
desc. node	-3225 Dec	26 j 23:50	17°♏02'42	
	-3224 Jan	05 j 02:43	0°♐	
morning set	-3224 Jan	22 j 03:29	28°♐25'29	
	-3224 Jan	22 j 23:59	0°♑	
max. Earth dist.	-3224 Jan	26 j 01:43	5°♑47'29	1.35908 AU
superior conj	-3224 Jan	31 j 11:23	16°♑25'22	-1°-32'-1
minimum elong	-3224 Jan	31 j 14:40	16°♑41'53	1°31'45
	-3224 Feb	07 j 02:47	0°♒	
evening rise	-3224 Feb	08 j 10:37	2°♒42'41	
asc. node	-3224 Feb	11 j 00:24	7°♒53'21	
	-3224 Feb	24 j 18:25	0°♓	
evening max el	-3224 Feb	26 j 10:47	1°♓43'41	20°07'24
retrograde	-3224 Mar	07 j 18:07	6°♓37'52	
evening set	-3224 Mar	10 j 00:34	6°♓24'39	
inferior conj	-3224 Mar	18 j 20:12	2°♓24'58	1°23'34
minimum elong	-3224 Mar	18 j 23:41	2°♓19'44	1°22'24
min. Earth dist.	-3224 Mar	20 j 18:58	1°♓14'45	0.55609 AU
	-3224 Mar	22 j 23:41	30°℞♒	
desc. node	-3224 Mar	23 j 22:50	29°♒30'09	
morning rise	-3224 Mar	27 j 20:10	27°♒58'21	
direct	-3224 Mar	31 j 16:46	27°♒25'44	
	-3224 Apr	09 j 00:31	0°♓	
morning max el	-3224 Apr	14 j 09:43	4°♓12'36	23°45'41
	-3224 May	02 j 08:21	0°♈	
morning set	-3224 May	08 j 09:29	12°♈05'29	
asc. node	-3224 May	08 j 23:55	13°♈21'18	
superior conj	-3224 May	15 j 12:26	27°♈20'47	1°03'21
minimum elong	-3224 May	15 j 10:02	27°♈07'54	1°03'00
	-3224 May	16 j 18:10	0°♉	
max. Earth dist.	-3224 May	17 j 13:28	1°♉42'47	1.33541 AU
evening rise	-3224 May	23 j 01:12	13°♉04'13	
	-3224 Jun	01 j 01:24	0°♊	
desc. node	-3224 Jun	19 j 21:49	27°♊53'38	
	-3224 Jun	21 j 17:35	0°♋	
evening max el	-3224 Jun	25 j 13:43	4°♋00'00	27°24'41
retrograde	-3224 Jul	09 j 05:03	11°♋23'11	
evening set	-3224 Jul	16 j 08:44	8°♋42'22	
min. Earth dist.	-3224 Jul	19 j 23:44	5°♋28'25	0.63725 AU
inferior conj	-3224 Jul	22 j 13:26	2°♋48'38	-3°-42'-53
minimum elong	-3224 Jul	22 j 17:19	2°♋38'35	3°41'58
	-3224 Jul	25 j 10:11	30°℞♊	
morning rise	-3224 Jul	29 j 03:49	27°♊28'25	
direct	-3224 Jul	31 j 18:22	26°♊54'46	
asc. node	-3224 Aug	04 j 23:16	28°♊22'14	
	-3224 Aug	06 j 23:00	0°♋	
morning max el	-3224 Aug	07 j 07:13	0°♋19'59	17°58'17
morning set	-3224 Aug	24 j 07:13	26°♋31'33	
	-3224 Aug	26 j 07:27	0°♌	

superior conj	-3224 Sep	05 j 20:26	17°♌46'49	1°01'33
minimum elong	-3224 Sep	06 j 02:01	18°♌09'46	1°00'58
max. Earth dist.	-3224 Sep	11 j 15:04	27°♌09'00	1.43953 AU
	-3224 Sep	13 j 09:57	0°♍	
desc. node	-3224 Sep	15 j 21:15	3°♍54'30	
evening rise	-3224 Sep	21 j 22:41	13°♍21'22	
	-3224 Oct	02 j 21:23	0°♎	
greatest brilliancy	-3224 Oct	13 j 20:51	15°♎43'29	-0.5m
evening max el	-3224 Oct	19 j 23:43	23°♎04'55	20°34'49
retrograde	-3224 Oct	28 j 01:30	27°♎50'58	
evening set	-3224 Oct	31 j 19:50	26°♎29'19	
asc. node	-3224 Oct	31 j 22:15	26°♎24'51	
inferior conj	-3224 Nov	06 j 07:10	20°♎19'28	1°46'17
minimum elong	-3224 Nov	06 j 04:54	20°♎27'07	1°45'22
min. Earth dist.	-3224 Nov	06 j 22:16	19°♎28'15	0.66952 AU
morning rise	-3224 Nov	11 j 13:30	14°♎02'50	
direct	-3224 Nov	17 j 00:50	11°♎40'48	
morning max el	-3224 Nov	28 j 07:07	18°♎23'40	24°28'25
	-3224 Dec	08 j 02:06	0°♏	
desc. node	-3224 Dec	12 j 20:52	6°♏32'19	
	-3224 Dec	28 j 04:52	0°♐	
morning set	-3223 Jan	03 j 04:23	10°♐08'27	
max. Earth dist.	-3223 Jan	06 j 23:38	16°♐54'19	1.37776 AU
superior conj	-3223 Jan	13 j 19:28	29°♐41'18	-1°-47'-54
minimum elong	-3223 Jan	13 j 22:08	29°♐54'10	1°47'50
	-3223 Jan	13 j 23:20	0°♑	
evening rise	-3223 Jan	22 j 11:00	16°♑44'52	
asc. node	-3223 Jan	27 j 21:25	27°♑13'53	
	-3223 Jan	29 j 10:07	0°♒	
evening max el	-3223 Feb	08 j 05:06	13°♒46'01	19°08'25
retrograde	-3223 Feb	16 j 22:42	17°♒56'40	
evening set	-3223 Feb	19 j 06:43	17°♒40'03	
inferior conj	-3223 Feb	27 j 09:30	13°♒27'26	2°51'36
minimum elong	-3223 Feb	27 j 14:21	13°♒19'04	2°50'20
min. Earth dist.	-3223 Mar	02 j 10:24	11°♒22'52	0.56913 AU
morning rise	-3223 Mar	07 j 18:06	8°♒29'44	
desc. node	-3223 Mar	10 j 19:56	7°♒39'06	
direct	-3223 Mar	12 j 19:35	7°♒29'44	
morning max el	-3223 Mar	27 j 00:45	14°♒48'04	25°21'59
	-3223 Apr	08 j 02:47	0°♓	
morning set	-3223 Apr	22 j 21:39	27°♓07'55	
	-3223 Apr	24 j 06:10	0°♈	
asc. node	-3223 Apr	25 j 20:56	3°♈27'57	
superior conj	-3223 Apr	29 j 22:42	12°♈19'37	0°41'29
minimum elong	-3223 Apr	29 j 20:58	12°♈10'12	0°41'10
max. Earth dist.	-3223 Apr	30 j 22:39	14°♈29'55	1.32876 AU
evening rise	-3223 May	07 j 03:34	27°♈39'58	
	-3223 May	08 j 07:02	0°♉	
	-3223 May	25 j 09:28	0°♊	
desc. node	-3223 Jun	06 j 18:51	15°♊33'19	
evening max el	-3223 Jun	07 j 21:03	16°♊37'36	27°14'29
retrograde	-3223 Jun	21 j 18:41	23°♊59'45	
evening set	-3223 Jun	28 j 20:03	21°♊39'10	
min. Earth dist.	-3223 Jul	02 j 10:38	18°♊49'53	0.61916 AU
inferior conj	-3223 Jul	05 j 12:45	15°♊59'35	-4°-12'-40
minimum elong	-3223 Jul	05 j 15:29	15°♊53'15	4°12'15
morning rise	-3223 Jul	12 j 13:36	10°♊59'41	
direct	-3223 Jul	15 j 01:45	10°♊32'26	
morning max el	-3223 Jul	21 j 21:35	13°♊58'06	17°57'47
asc. node	-3223 Jul	22 j 20:20	14°♊56'50	
	-3223 Aug	01 j 20:49	0°♋	
morning set	-3223 Aug	06 j 23:59	9°♋13'15	
superior conj	-3223 Aug	17 j 19:40	28°♋29'25	1°30'24
minimum elong	-3223 Aug	18 j 00:20	28°♋49'34	1°30'07

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3223 Aug 18 j 16:43	0°♌	
max. Earth dist.	-3223 Aug 25 j 02:35	10°♌45'49	1.42569 AU
evening rise	-3223 Sep 01 j 05:48	22°♌13'48	
desc. node	-3223 Sep 02 j 18:13	24°♌36'27	
	-3223 Sep 06 j 05:54	0°♍	
	-3223 Sep 27 j 05:07	0°♎	
greatest brilliancy	-3223 Sep 27 j 23:10	0°♎56'33	-0.4m
evening max el	-3223 Oct 02 j 20:15	6°♎30'37	21°46'58
retrograde	-3223 Oct 11 j 21:46	11°♎53'47	
evening set	-3223 Oct 16 j 03:49	10°♎14'32	
asc. node	-3223 Oct 18 j 19:22	7°♎34'04	
inferior conj	-3223 Oct 21 j 13:00	3°♎57'26	0°55'48
minimum elong	-3223 Oct 21 j 11:44	4°♎01'47	0°55'16
min. Earth dist.	-3223 Oct 21 j 17:20	3°♎42'29	0.67359 AU
	-3223 Oct 24 j 13:07	30°℞♍	
morning rise	-3223 Oct 26 j 19:24	27°♍40'37	
direct	-3223 Oct 31 j 15:26	25°♍39'49	
	-3223 Nov 08 j 23:23	0°♎	
morning max el	-3223 Nov 10 j 16:55	1°♎39'59	23°01'37
greatest brilliancy	-3223 Nov 15 j 15:04	7°♎11'56	-0.3m
desc. node	-3223 Nov 29 j 17:51	26°♎28'33	
	-3223 Dec 02 j 02:43	0°♏	
morning set	-3223 Dec 15 j 02:47	20°♏30'30	
max. Earth dist.	-3223 Dec 19 j 19:05	28°♏24'43	1.39850 AU
	-3223 Dec 20 j 17:08	0°♐	
superior conj	-3223 Dec 27 j 12:10	12°♐07'35	-1°-55'-54
minimum elong	-3223 Dec 27 j 12:49	12°♐10'35	1°56'01
	-3222 Jan 05 j 23:28	0°♑	
evening rise	-3222 Jan 06 j 02:42	0°♑15'25	
asc. node	-3222 Jan 14 j 18:29	16°♑05'33	
evening max el	-3222 Jan 22 j 08:11	26°♑19'29	18°29'19
	-3222 Jan 29 j 06:46	0°♒	
retrograde	-3222 Jan 29 j 21:25	0°♒01'25	
	-3222 Jan 30 j 12:09	30°℞♑	
evening set	-3222 Feb 01 j 08:47	29°♑38'54	
inferior conj	-3222 Feb 08 j 19:02	25°♑06'23	3°42'26
minimum elong	-3222 Feb 08 j 22:02	25°♑00'23	3°41'57
min. Earth dist.	-3222 Feb 12 j 04:42	22°♑24'14	0.58755 AU
morning rise	-3222 Feb 16 j 07:42	19°♑42'46	
direct	-3222 Feb 22 j 11:49	18°♑04'47	
desc. node	-3222 Feb 25 j 17:02	18°♑30'49	
morning max el	-3222 Mar 08 j 18:25	25°♑39'26	26°40'58
	-3222 Mar 12 j 19:54	0°♒	
	-3222 Apr 01 j 07:11	0°♓	
morning set	-3222 Apr 07 j 08:26	12°♓05'19	
asc. node	-3222 Apr 12 j 17:56	23°♓39'55	
superior conj	-3222 Apr 14 j 10:22	27°♓21'10	0°17'36
minimum elong	-3222 Apr 14 j 09:36	27°♓16'55	0°17'25
max. Earth dist.	-3222 Apr 14 j 11:31	27°♓27'29	1.32560 AU
	-3222 Apr 15 j 15:23	0°♈	
evening rise	-3222 Apr 21 j 11:07	12°♈30'12	
	-3222 Apr 30 j 11:03	0°♉	
evening max el	-3222 May 20 j 23:03	28°♉35'09	26°31'34
	-3222 May 22 j 12:09	0°♊	
desc. node	-3222 May 24 j 15:55	1°♊45'19	
retrograde	-3222 Jun 04 j 00:32	5°♊53'28	
evening set	-3222 Jun 10 j 12:10	4°♊06'16	
min. Earth dist.	-3222 Jun 14 j 12:22	1°♊26'01	0.59893 AU
	-3222 Jun 16 j 07:47	30°℞♉	
inferior conj	-3222 Jun 17 j 21:04	28°♉44'17	-4°-24'-11
minimum elong	-3222 Jun 17 j 21:08	28°♉44'09	4°24'05
morning rise	-3222 Jun 25 j 09:34	24°♉06'17	
direct	-3222 Jun 27 j 20:59	23°♉43'44	
morning max el	-3222 Jul 05 j 08:25	27°♉20'25	18°16'39
	-3222 Jul 07 j 18:53	0°♊	
asc. node	-3222 Jul 09 j 17:23	2°♊33'13	
morning set	-3222 Jul 21 j 07:58	22°♊40'21	
	-3222 Jul 25 j 04:54	0°♋	
superior conj	-3222 Jul 30 j 20:25	10°♋28'25	1°45'22
minimum elong	-3222 Jul 30 j 22:32	10°♋38'03	1°45'22
max. Earth dist.	-3222 Aug 07 j 08:40	23°♋43'14	1.40775 AU
	-3222 Aug 11 j 02:19	0°♌	
evening rise	-3222 Aug 12 j 07:20	1°♌59'31	
desc. node	-3222 Aug 20 j 15:13	15°♌12'08	
	-3222 Aug 30 j 15:23	0°♍	
greatest brilliancy	-3222 Sep 10 j 02:06	13°♍54'50	-0.2m
evening max el	-3222 Sep 15 j 11:28	19°♍57'48	23°06'10
retrograde	-3222 Sep 25 j 15:27	25°♍59'03	
evening set	-3222 Sep 30 j 11:09	24°♍00'34	
inferior conj	-3222 Oct 05 j 19:44	17°♍39'48	0°02'49
minimum elong	-3222 Oct 05 j 19:40	17°♍40'02	0°02'49
transit middle	-3222 Oct 05 j 19:40	17°♍40'02	0°02'49
transit begin	-3222 Oct 05 j 17:00	17°♍49'12	
transit end	-3222 Oct 05 j 22:20	17°♍30'53	
min. Earth dist.	-3222 Oct 05 j 13:49	18°♍00'10	0.67467 AU
asc. node	-3222 Oct 05 j 16:28	17°♍51'03	
morning rise	-3222 Oct 11 j 04:09	11°♍25'56	
direct	-3222 Oct 15 j 09:54	9°♍46'49	
morning max el	-3222 Oct 24 j 07:13	15°♍02'11	21°37'43
greatest brilliancy	-3222 Oct 29 j 08:24	20°♍49'41	-0.4m
	-3222 Nov 05 j 04:58	0°♎	
desc. node	-3222 Nov 16 j 14:52	16°♎44'07	
morning set	-3222 Nov 24 j 20:30	29°♎30'25	
	-3222 Nov 25 j 03:57	0°♏	
max. Earth dist.	-3222 Dec 01 j 19:47	10°♏47'15	1.41851 AU
superior conj	-3222 Dec 09 j 08:05	23°♏31'16	-1°-52'-22
minimum elong	-3222 Dec 09 j 05:13	23°♏18'46	1°52'21
	-3222 Dec 13 j 00:28	0°♐	
evening rise	-3222 Dec 20 j 06:20	13°♐07'29	
	-3222 Dec 29 j 19:24	0°♑	
asc. node	-3221 Jan 01 j 15:33	4°♑19'21	
evening max el	-3221 Jan 05 j 17:15	9°♑16'07	18°10'08
retrograde	-3221 Jan 12 j 13:24	12°♑44'49	
evening set	-3221 Jan 15 j 03:52	12°♑15'08	
inferior conj	-3221 Jan 22 j 00:07	7°♑20'23	4°00'23
minimum elong	-3221 Jan 22 j 00:25	7°♑19'43	4°00'16
min. Earth dist.	-3221 Jan 25 j 04:40	4°♑24'28	0.60787 AU
morning rise	-3221 Jan 28 j 18:17	1°♑38'29	
	-3221 Feb 01 j 01:35	30°℞♐	
direct	-3221 Feb 04 j 14:47	29°♐23'56	
	-3221 Feb 08 j 06:50	0°♑	
desc. node	-3221 Feb 12 j 14:08	2°♑04'40	
morning max el	-3221 Feb 18 j 17:59	7°♑06'06	27°30'10
	-3221 Mar 08 j 02:20	0°♒	
morning set	-3221 Mar 22 j 16:02	26°♒51'04	
	-3221 Mar 24 j 04:20	0°♓	
max. Earth dist.	-3221 Mar 29 j 00:23	10°♓22'30	1.32583 AU
superior conj	-3221 Mar 29 j 21:48	12°♓19'20	0°-7'-30
minimum elong	-3221 Mar 29 j 22:08	12°♓21'12	0°07'29
behind sun begin	-3221 Mar 29 j 17:40	11°♓56'47	
behind sun end	-3221 Mar 30 j 02:36	12°♓45'38	
asc. node	-3221 Mar 30 j 14:57	13°♓53'06	
evening rise	-3221 Apr 05 j 21:41	27°♓27'02	
	-3221 Apr 07 j 02:59	0°♈	
	-3221 Apr 24 j 08:57	0°♉	
evening max el	-3221 May 02 j 18:45	9°♉50'50	25°19'52
desc. node	-3221 May 11 j 13:01	15°♉55'40	
retrograde	-3221 May 16 j 20:08	17°♉01'02	
evening set	-3221 May 22 j 06:16	15°♉52'26	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-3221 May 27 j 06:59	13°♉04'31	0.57897 AU
inferior conj	-3221 May 30 j 10:54	10°♉52'58	-4°-7'-34
minimum elong	-3221 May 30 j 07:14	10°♉59'23	4°07'04
morning rise	-3221 Jun 07 j 12:10	6°♉36'24	
direct	-3221 Jun 09 j 23:54	6°♉17'27	
morning max el	-3221 Jun 18 j 12:47	10°♉17'43	18°55'45
asc. node	-3221 Jun 26 j 14:26	20°♉57'20	
	-3221 Jul 01 j 15:50	0°♊	
morning set	-3221 Jul 05 j 02:51	6°♊41'17	
superior conj	-3221 Jul 13 j 16:58	23°♊27'45	1°48'48
minimum elong	-3221 Jul 13 j 16:43	23°♊26'34	1°48'54
	-3221 Jul 17 j 04:18	0°♋	
max. Earth dist.	-3221 Jul 20 j 11:10	5°♋59'37	1.38814 AU
evening rise	-3221 Jul 24 j 10:37	12°♋59'18	
	-3221 Aug 03 j 20:01	0°♌	
desc. node	-3221 Aug 07 j 12:13	5°♌36'41	
	-3221 Aug 25 j 17:10	0°♍	
evening max el	-3221 Aug 28 j 23:19	3°♍27'27	24°26'20
retrograde	-3221 Sep 09 j 05:27	10°♍02'59	
evening set	-3221 Sep 14 j 16:08	7°♍45'13	
min. Earth dist.	-3221 Sep 19 j 09:16	2°♍19'17	0.67267 AU
inferior conj	-3221 Sep 20 j 01:38	1°♍24'21	0°-51'-4
minimum elong	-3221 Sep 20 j 02:50	1°♍20'16	0°50'30
	-3221 Sep 21 j 02:59	30°℞♌	
asc. node	-3221 Sep 22 j 13:34	28°♌11'31	
morning rise	-3221 Sep 25 j 13:50	25°♌16'32	
direct	-3221 Sep 29 j 06:56	23°♌57'28	
morning max el	-3221 Oct 07 j 04:31	28°♌33'17	20°23'07
	-3221 Oct 08 j 13:00	0°♍	
greatest brilliancy	-3221 Oct 13 j 18:51	6°♍31'32	-0.6m
	-3221 Oct 29 j 19:13	0°♎	
desc. node	-3221 Nov 03 j 11:51	7°♎13'01	
morning set	-3221 Nov 03 j 19:39	7°♎43'10	
max. Earth dist.	-3221 Nov 14 j 04:27	24°♎03'47	1.43483 AU
	-3221 Nov 17 j 20:23	0°♏	
superior conj	-3221 Nov 20 j 01:55	3°♏39'54	-1°-33'-24
minimum elong	-3221 Nov 19 j 19:23	3°♏12'55	1°32'54
evening rise	-3221 Dec 02 j 17:46	25°♏12'53	
	-3221 Dec 05 j 11:37	0°♐	
asc. node	-3221 Dec 19 j 12:36	21°♐44'02	
evening max el	-3221 Dec 20 j 05:21	22°♐27'59	18°10'26
retrograde	-3221 Dec 26 j 18:32	25°♐56'41	
evening set	-3221 Dec 29 j 12:16	25°♐18'59	
inferior conj	-3220 Jan 04 j 21:23	20°♐02'53	3°54'04
minimum elong	-3220 Jan 04 j 19:37	20°♐07'34	3°53'47
min. Earth dist.	-3220 Jan 07 j 13:24	17°♐15'35	0.62711 AU
morning rise	-3220 Jan 11 j 01:05	14°♐07'56	
direct	-3220 Jan 18 j 02:20	11°♐28'06	
desc. node	-3220 Jan 30 j 11:13	17°♐47'29	
morning max el	-3220 Jan 31 j 23:30	19°♐13'38	27°43'23
	-3220 Feb 10 j 04:30	0°♑	
	-3220 Feb 28 j 22:33	0°♒	
morning set	-3220 Mar 05 j 18:15	11°♒17'40	
max. Earth dist.	-3220 Mar 11 j 09:21	23°♒01'16	1.32965 AU
superior conj	-3220 Mar 13 j 07:18	27°♒08'16	0°-32'-55
minimum elong	-3220 Mar 13 j 08:47	27°♒16'19	0°32'42
	-3220 Mar 14 j 15:02	0°♓	
asc. node	-3220 Mar 16 j 11:58	4°♓03'29	
evening rise	-3220 Mar 20 j 09:22	12°♓23'33	
	-3220 Mar 29 j 10:00	0°♈	
evening max el	-3220 Apr 13 j 10:31	20°♈37'26	23°49'57
retrograde	-3220 Apr 27 j 03:50	27°♈29'10	
desc. node	-3220 Apr 27 j 10:06	27°♈29'00	
evening set	-3220 May 01 j 05:31	26°♈52'33	

min. Earth dist.	-3220 May 07 j 21:44	23°♈43'14	0.56245 AU
inferior conj	-3220 May 10 j 04:38	22°♈19'37	-3°-12'-38
minimum elong	-3220 May 09 j 22:29	22°♈29'02	3°11'07
morning rise	-3220 May 18 j 19:13	18°♈19'30	
direct	-3220 May 21 j 07:48	18°♈03'09	
morning max el	-3220 May 31 j 08:10	22°♈41'40	19°55'22
	-3220 Jun 06 j 10:55	0°♉	
asc. node	-3220 Jun 12 j 11:28	9°♉58'08	
morning set	-3220 Jun 18 j 05:25	21°♉08'03	
	-3220 Jun 22 j 14:08	0°♊	
superior conj	-3220 Jun 26 j 04:00	7°♊12'58	1°43'25
minimum elong	-3220 Jun 26 j 02:12	7°♊03'56	1°43'25
max. Earth dist.	-3220 Jul 01 j 14:56	17°♊50'13	1.36937 AU
evening rise	-3220 Jul 05 j 14:00	25°♊10'48	
	-3220 Jul 08 j 06:51	0°♋	
desc. node	-3220 Jul 24 j 09:13	25°♋44'33	
	-3220 Jul 27 j 09:20	0°♌	
evening max el	-3220 Aug 10 j 10:07	16°♌59'37	25°39'58
retrograde	-3220 Aug 22 j 15:10	24°♌01'13	
evening set	-3220 Aug 28 j 16:51	21°♌26'45	
min. Earth dist.	-3220 Sep 02 j 01:16	16°♌37'50	0.66743 AU
inferior conj	-3220 Sep 03 j 04:55	15°♌09'08	-1°-44'-13
minimum elong	-3220 Sep 03 j 07:22	15°♌01'17	1°43'12
asc. node	-3220 Sep 08 j 10:39	9°♌30'35	
morning rise	-3220 Sep 08 j 22:32	9°♌10'31	
direct	-3220 Sep 12 j 05:08	8°♌08'28	
morning max el	-3220 Sep 19 j 09:09	12°♌13'31	19°21'44
greatest brilliancy	-3220 Sep 29 j 07:11	25°♌14'03	-0.7m
	-3220 Oct 02 j 11:08	0°♍	
morning set	-3220 Oct 12 j 22:57	16°♍15'29	
desc. node	-3220 Oct 20 j 08:50	27°♍50'51	
	-3220 Oct 21 j 17:46	0°♎	
max. Earth dist.	-3220 Oct 26 j 19:12	7°♎58'15	1.44528 AU
superior conj	-3220 Oct 29 j 17:05	12°♎35'24	0°-57'-22
minimum elong	-3220 Oct 29 j 10:29	12°♎09'11	0°56'37
	-3220 Nov 09 j 11:39	0°♏	
evening rise	-3220 Nov 13 j 08:27	6°♏22'51	
	-3220 Nov 28 j 01:26	0°♐	
evening max el	-3220 Dec 02 j 17:45	5°♐48'59	18°29'25
asc. node	-3220 Dec 05 j 09:40	8°♐05'54	
retrograde	-3220 Dec 09 j 08:23	9°♐28'23	
evening set	-3220 Dec 12 j 06:29	8°♐41'19	
inferior conj	-3220 Dec 18 j 07:00	3°♐06'19	3°30'55
minimum elong	-3220 Dec 18 j 04:08	3°♐14'38	3°30'15
min. Earth dist.	-3220 Dec 20 j 08:12	0°♐43'30	0.64357 AU
	-3220 Dec 20 j 23:44	30°℞♏	
morning rise	-3220 Dec 24 j 00:27	27°♏01'50	
direct	-3220 Dec 30 j 21:18	24°♏11'30	
	-3219 Jan 11 j 08:02	0°♐	
morning max el	-3219 Jan 13 j 08:31	1°♐54'37	27°21'07
desc. node	-3219 Jan 16 j 08:17	5°♐04'01	
	-3219 Feb 03 j 08:43	0°♑	
morning set	-3219 Feb 17 j 12:15	25°♑15'04	
	-3219 Feb 19 j 21:36	0°♒	
max. Earth dist.	-3219 Feb 22 j 10:15	5°♒09'38	1.33754 AU
superior conj	-3219 Feb 25 j 12:59	11°♒40'53	0°-57'-42
minimum elong	-3219 Feb 25 j 15:29	11°♒54'11	0°57'20
asc. node	-3219 Mar 03 j 08:59	24°♒06'08	
evening rise	-3219 Mar 04 j 20:23	27°♒12'28	
	-3219 Mar 06 j 04:40	0°♓	
	-3219 Mar 24 j 20:11	0°♈	
evening max el	-3219 Mar 26 j 04:11	1°♈20'08	22°15'48
retrograde	-3219 Apr 07 j 23:39	7°♈35'06	
evening set	-3219 Apr 10 j 21:20	7°♈16'29	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3219 Apr 14 j 07:12	6°♈11'30	
min. Earth dist.	-3219 Apr 19 j 11:35	3°♈33'09	0.55272 AU
inferior conj	-3219 Apr 20 j 05:34	3°♈07'41	-1°-37'-33
minimum elong	-3219 Apr 20 j 01:14	3°♈13'50	1°36'08
	-3219 Apr 26 j 11:43	30°℞♓	
morning rise	-3219 Apr 29 j 06:55	29°♓10'54	
direct	-3219 May 01 j 23:41	28°♓54'24	
	-3219 May 07 j 05:13	0°♈	
morning max el	-3219 May 13 j 16:45	4°♈24'03	21°14'24
asc. node	-3219 May 30 j 08:30	29°♈25'33	
	-3219 May 30 j 15:28	0°♉	
morning set	-3219 Jun 02 j 13:07	5°♉52'21	
superior conj	-3219 Jun 10 j 01:11	21°♉30'10	1°31'29
minimum elong	-3219 Jun 09 j 22:38	21°♉17'01	1°31'18
max. Earth dist.	-3219 Jun 14 j 01:33	29°♉40'07	1.35330 AU
	-3219 Jun 14 j 05:32	0°♊	
evening rise	-3219 Jun 18 j 12:20	8°♊19'51	
	-3219 Jun 30 j 21:28	0°♋	
desc. node	-3219 Jul 11 j 06:14	15°♋27'42	
	-3219 Jul 23 j 09:02	0°♌	
evening max el	-3219 Jul 23 j 21:16	0°♌30'00	26°39'11
retrograde	-3219 Aug 05 j 20:02	7°♌47'09	
evening set	-3219 Aug 12 j 11:07	5°♌02'11	
min. Earth dist.	-3219 Aug 16 j 11:34	0°♌51'39	0.65863 AU
	-3219 Aug 17 j 04:51	30°℞♋	
inferior conj	-3219 Aug 18 j 03:40	28°♋51'12	-2°-34'-46
minimum elong	-3219 Aug 18 j 07:07	28°♋40'49	2°33'32
morning rise	-3219 Aug 24 j 04:12	23°♋04'49	
asc. node	-3219 Aug 26 j 07:44	22°♋19'51	
direct	-3219 Aug 27 j 02:39	22°♋16'21	
morning max el	-3219 Sep 02 j 19:37	25°♋59'31	18°35'51
	-3219 Sep 06 j 05:40	0°♌	
morning set	-3219 Sep 23 j 01:19	25°♌57'35	
	-3219 Sep 25 j 13:36	0°♍	
desc. node	-3219 Oct 07 j 05:48	18°♍34'00	
superior conj	-3219 Oct 08 j 17:10	20°♍53'24	0°-9'-24
minimum elong	-3219 Oct 08 j 15:55	20°♍48'29	0°09'15
behind sun begin	-3219 Oct 08 j 06:26	20°♍11'08	
behind sun end	-3219 Oct 09 j 01:24	21°♍25'50	
max. Earth dist.	-3219 Oct 09 j 12:48	22°♍10'44	1.44870 AU
	-3219 Oct 14 j 12:04	0°♎	
evening rise	-3219 Oct 24 j 22:46	16°♎30'20	
	-3219 Nov 02 j 11:03	0°♏	
evening max el	-3219 Nov 16 j 04:01	19°♏14'52	19°05'59
asc. node	-3219 Nov 22 j 06:44	23°♏09'49	
retrograde	-3219 Nov 23 j 03:17	23°♏13'57	
evening set	-3219 Nov 26 j 07:33	22°♏15'29	
inferior conj	-3219 Dec 02 j 01:33	16°♏24'34	2°56'11
minimum elong	-3219 Dec 01 j 22:28	16°♏34'16	2°55'14
min. Earth dist.	-3219 Dec 03 j 12:25	14°♏35'03	0.65650 AU
morning rise	-3219 Dec 07 j 12:27	10°♏13'24	
direct	-3219 Dec 13 j 22:45	7°♏26'26	
morning max el	-3219 Dec 26 j 18:11	14°♏56'26	26°29'09
desc. node	-3218 Jan 03 j 05:20	23°♏26'59	
	-3218 Jan 08 j 04:05	0°♐	
	-3218 Jan 27 j 02:36	0°♑	
morning set	-3218 Jan 31 j 18:22	8°♑32'09	
max. Earth dist.	-3218 Feb 04 j 23:53	16°♑42'04	1.34990 AU
superior conj	-3218 Feb 09 j 12:40	25°♑50'52	-1°-20'-28
minimum elong	-3218 Feb 09 j 15:51	26°♑07'13	1°20'07
	-3218 Feb 11 j 12:51	0°♒	
evening rise	-3218 Feb 17 j 04:56	11°♒48'13	
asc. node	-3218 Feb 18 j 06:00	13°♒56'45	
	-3218 Feb 26 j 19:16	0°♓	
evening max el	-3218 Mar 08 j 05:55	12°♓25'55	20°49'55
retrograde	-3218 Mar 19 j 12:59	17°♓49'30	
evening set	-3218 Mar 21 j 21:09	17°♓36'31	
inferior conj	-3218 Mar 31 j 00:36	13°♓38'59	0°19'18
minimum elong	-3218 Mar 31 j 01:30	13°♓37'43	0°18'57
min. Earth dist.	-3218 Apr 01 j 01:44	13°♓02'58	0.55217 AU
desc. node	-3218 Apr 01 j 04:17	12°♓59'21	
morning rise	-3218 Apr 09 j 04:28	9°♓27'14	
direct	-3218 Apr 12 j 11:31	9°♓03'37	
morning max el	-3218 Apr 25 j 15:00	15°♓25'59	22°48'20
	-3218 May 06 j 22:28	0°♈	
asc. node	-3218 May 17 j 05:31	19°♈12'31	
morning set	-3218 May 17 j 23:54	20°♈48'04	
	-3218 May 22 j 08:03	0°♉	
superior conj	-3218 May 25 j 05:18	6°♉09'23	1°14'42
minimum elong	-3218 May 25 j 02:41	5°♉55'32	1°14'23
max. Earth dist.	-3218 May 27 j 22:06	11°♉50'31	1.34086 AU
evening rise	-3218 Jun 02 j 00:37	22°♉12'03	
	-3218 Jun 06 j 02:21	0°♊	
	-3218 Jun 24 j 15:43	0°♋	
desc. node	-3218 Jun 28 j 03:16	4°♋35'35	
evening max el	-3218 Jul 06 j 08:41	13°♋50'14	27°16'13
retrograde	-3218 Jul 19 j 19:30	21°♋12'58	
evening set	-3218 Jul 26 j 20:10	18°♋27'18	
min. Earth dist.	-3218 Jul 30 j 13:57	14°♋53'56	0.64609 AU
inferior conj	-3218 Aug 01 j 19:35	12°♋26'18	-3°-20'-19
minimum elong	-3218 Aug 01 j 23:33	12°♋15'22	3°19'10
morning rise	-3218 Aug 08 j 04:30	6°♋55'22	
direct	-3218 Aug 10 j 21:15	6°♋17'06	
asc. node	-3218 Aug 13 j 04:49	6°♋45'12	
morning max el	-3218 Aug 17 j 09:40	9°♋46'40	18°06'51
	-3218 Aug 31 j 03:40	0°♌	
morning set	-3218 Sep 04 j 07:21	6°♌59'42	
superior conj	-3218 Sep 18 j 00:15	29°♌35'48	0°38'29
minimum elong	-3218 Sep 18 j 04:35	29°♌53'12	0°37'59
	-3218 Sep 18 j 06:16	0°♍	
max. Earth dist.	-3218 Sep 22 j 06:29	6°♍23'56	1.44488 AU
desc. node	-3218 Sep 24 j 02:45	9°♍19'01	
evening rise	-3218 Oct 04 j 14:11	25°♍40'16	
	-3218 Oct 07 j 09:27	0°♎	
greatest brilliancy	-3218 Oct 23 j 02:37	23°♎33'45	-0.6m
	-3218 Oct 28 j 00:17	0°♏	
evening max el	-3218 Oct 30 j 10:00	2°♏41'48	19°58'26
retrograde	-3218 Nov 07 j 00:18	7°♏08'20	
asc. node	-3218 Nov 09 j 03:50	6°♏41'39	
evening set	-3218 Nov 10 j 12:54	5°♏55'55	
	-3218 Nov 15 j 23:52	30°℞♎	
inferior conj	-3218 Nov 16 j 02:13	29°♎52'13	2°13'27
minimum elong	-3218 Nov 15 j 23:32	0°♏01'08	2°12'27
min. Earth dist.	-3218 Nov 17 j 00:09	28°♎39'30	0.66583 AU
morning rise	-3218 Nov 21 j 09:31	23°♎36'58	
direct	-3218 Nov 27 j 05:48	21°♎03'49	
morning max el	-3218 Dec 09 j 02:56	28°♎06'56	25°16'02
	-3218 Dec 10 j 22:13	0°♏	
desc. node	-3218 Dec 21 j 02:21	12°♏36'02	
	-3217 Jan 01 j 21:54	0°♐	
morning set	-3217 Jan 14 j 07:34	20°♐53'26	
max. Earth dist.	-3217 Jan 18 j 02:08	27°♐48'51	1.36666 AU
	-3217 Jan 19 j 06:00	0°♑	
superior conj	-3217 Jan 24 j 03:28	9°♑29'06	-1°-39'-32
minimum elong	-3217 Jan 24 j 06:37	9°♑44'44	1°39'21
evening rise	-3217 Feb 01 j 08:56	26°♑03'56	
	-3217 Feb 03 j 08:10	0°♒	
asc. node	-3217 Feb 05 j 03:02	3°♒29'39	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3217 Feb 18 j 18:17	24°♒06'52	19°39'56
retrograde	-3217 Feb 28 j 08:23	28°♒40'21	
evening set	-3217 Mar 02 j 15:13	28°♒26'00	
inferior conj	-3217 Mar 11 j 03:58	24°♒22'23	2°05'17
minimum elong	-3217 Mar 11 j 08:33	24°♒15'08	2°03'52
min. Earth dist.	-3217 Mar 13 j 16:09	22°♒47'35	0.56081 AU
desc. node	-3217 Mar 19 j 01:23	20°♒01'04	
morning rise	-3217 Mar 19 j 22:27	19°♒42'43	
direct	-3217 Mar 24 j 07:17	18°♒59'59	
morning max el	-3217 Apr 07 j 06:41	26°♒02'14	24°27'50
	-3217 Apr 11 j 00:29	0°♓	
	-3217 Apr 29 j 16:10	0°♈	
morning set	-3217 May 02 j 12:03	5°♈49'29	
asc. node	-3217 May 04 j 02:32	9°♈13'13	
superior conj	-3217 May 09 j 13:52	21°♈02'38	0°54'24
minimum elong	-3217 May 09 j 11:43	20°♈50'57	0°54'02
max. Earth dist.	-3217 May 11 j 03:42	24°♈26'41	1.33215 AU
	-3217 May 13 j 18:22	0°♉	
evening rise	-3217 May 16 j 22:46	6°♉34'51	
	-3217 May 29 j 15:46	0°♊	
desc. node	-3217 Jun 15 j 00:18	22°♊53'23	
evening max el	-3217 Jun 18 j 18:28	26°♊47'49	27°24'31
	-3217 Jun 22 j 11:32	0°♋	
retrograde	-3217 Jul 02 j 12:44	4°♋10'10	
evening set	-3217 Jul 09 j 16:36	1°♋36'34	
	-3217 Jul 11 j 17:19	30°℞♊	
min. Earth dist.	-3217 Jul 13 j 06:43	28°♊34'27	0.62989 AU
inferior conj	-3217 Jul 16 j 01:55	25°♊48'37	-3°-57'-18
minimum elong	-3217 Jul 16 j 05:29	25°♊39'47	3°56'35
morning rise	-3217 Jul 22 j 20:34	20°♊36'24	
direct	-3217 Jul 25 j 09:55	20°♊05'37	
asc. node	-3217 Jul 31 j 01:53	22°♊37'05	
morning max el	-3217 Aug 01 j 00:42	23°♊29'55	17°55'47
	-3217 Aug 06 j 04:37	0°♋	
morning set	-3217 Aug 17 j 13:11	19°♋10'17	
	-3217 Aug 23 j 17:30	0°♌	
superior conj	-3217 Aug 29 j 07:28	9°♌30'46	1°15'34
minimum elong	-3217 Aug 29 j 13:03	9°♌54'07	1°15'04
max. Earth dist.	-3217 Sep 04 j 21:35	20°♌21'30	1.43435 AU
desc. node	-3217 Sep 10 j 23:43	0°♍03'16	
	-3217 Sep 10 j 22:53	0°♍	
evening rise	-3217 Sep 13 j 18:54	4°♍25'21	
	-3217 Sep 30 j 20:36	0°♎	
greatest brilliancy	-3217 Oct 07 j 23:18	9°♎44'48	-0.5m
evening max el	-3217 Oct 13 j 10:14	16°♎08'34	21°04'15
retrograde	-3217 Oct 21 j 21:21	21°♎09'19	
evening set	-3217 Oct 25 j 20:31	19°♎40'20	
asc. node	-3217 Oct 27 j 00:56	18°♎39'05	
inferior conj	-3217 Oct 31 j 06:46	13°♎27'05	1°25'15
minimum elong	-3217 Oct 31 j 04:54	13°♎33'29	1°24'29
min. Earth dist.	-3217 Oct 31 j 17:09	12°♎51'32	0.67176 AU
morning rise	-3217 Nov 05 j 12:55	7°♎10'17	
direct	-3217 Nov 10 j 17:47	4°♎57'02	
morning max el	-3217 Nov 21 j 11:42	11°♎21'36	23°51'33
	-3217 Dec 06 j 08:42	0°♏	
desc. node	-3217 Dec 07 j 23:22	2°♏17'59	
	-3217 Dec 25 j 16:53	0°♐	
morning set	-3217 Dec 26 j 21:48	2°♐02'46	
max. Earth dist.	-3217 Dec 30 j 22:15	9°♐02'10	1.38661 AU
superior conj	-3216 Jan 07 j 05:36	22°♐25'18	-1°-52'-27
minimum elong	-3216 Jan 07 j 07:37	22°♐34'46	1°52'30
	-3216 Jan 11 j 04:30	0°♑	
evening rise	-3216 Jan 16 j 05:58	9°♑53'17	
asc. node	-3216 Jan 23 j 00:05	22°♑38'34	
	-3216 Jan 27 j 12:00	0°♒	
evening max el	-3216 Feb 01 j 16:36	6°♒22'44	18°49'14
retrograde	-3216 Feb 09 j 20:35	10°♒19'10	
evening set	-3216 Feb 12 j 06:08	10°♒00'07	
inferior conj	-3216 Feb 20 j 01:35	5°♒39'09	3°17'42
minimum elong	-3216 Feb 20 j 05:54	5°♒31'14	3°16'46
min. Earth dist.	-3216 Feb 23 j 08:07	3°♒16'17	0.57656 AU
morning rise	-3216 Feb 28 j 01:53	0°♒29'48	
	-3216 Feb 29 j 08:03	30°℞♑	
direct	-3216 Mar 04 j 15:38	29°♑14'31	
desc. node	-3216 Mar 04 j 22:30	29°♑14'43	
	-3216 Mar 09 j 00:13	0°♒	
morning max el	-3216 Mar 18 j 22:07	6°♒40'21	25°58'44
	-3216 Apr 05 j 02:46	0°♓	
morning set	-3216 Apr 15 j 23:49	20°♓50'12	
asc. node	-3216 Apr 19 j 23:32	29°♓22'19	
	-3216 Apr 20 j 06:28	0°♈	
superior conj	-3216 Apr 23 j 00:53	6°♈02'44	0°31'33
minimum elong	-3216 Apr 22 j 23:32	5°♈55'21	0°31'16
max. Earth dist.	-3216 Apr 23 j 15:05	7°♈20'18	1.32699 AU
evening rise	-3216 Apr 30 j 03:36	21°♈17'20	
	-3216 May 04 j 11:45	0°♉	
	-3216 May 22 j 22:29	0°♊	
evening max el	-3216 May 30 j 23:47	9°♊08'53	27°00'13
desc. node	-3216 May 31 j 21:24	9°♊59'18	
retrograde	-3216 Jun 13 j 22:56	16°♊29'08	
evening set	-3216 Jun 20 j 20:13	14°♊21'21	
min. Earth dist.	-3216 Jun 24 j 13:20	11°♊38'18	0.61070 AU
inferior conj	-3216 Jun 27 j 19:18	8°♊49'11	-4°-20'-19
minimum elong	-3216 Jun 27 j 21:06	8°♊45'15	4°20'07
morning rise	-3216 Jul 05 j 00:57	3°♊58'32	
direct	-3216 Jul 07 j 12:48	3°♊33'18	
morning max el	-3216 Jul 14 j 13:54	7°♊01'53	18°03'29
asc. node	-3216 Jul 16 j 22:57	9°♊39'21	
	-3216 Jul 29 j 08:17	0°♋	
morning set	-3216 Jul 30 j 13:01	2°♋12'38	
superior conj	-3216 Aug 09 j 18:10	20°♋47'22	1°38'20
minimum elong	-3216 Aug 09 j 21:48	21°♋03'27	1°38'11
	-3216 Aug 15 j 01:55	0°♌	
max. Earth dist.	-3216 Aug 17 j 07:16	3°♌44'17	1.41844 AU
evening rise	-3216 Aug 23 j 08:07	13°♌35'20	
desc. node	-3216 Aug 27 j 20:43	20°♌42'54	
	-3216 Sep 02 j 23:02	0°♍	
greatest brilliancy	-3216 Sep 20 j 10:40	24°♍14'31	-0.3m
evening max el	-3216 Sep 25 j 04:19	29°♍34'31	22°19'59
	-3216 Sep 25 j 14:31	0°♎	
retrograde	-3216 Oct 04 j 16:44	5°♎13'53	
evening set	-3216 Oct 09 j 04:29	3°♎26'19	
	-3216 Oct 12 j 09:53	30°℞♍	
asc. node	-3216 Oct 12 j 22:02	29°♍20'32	
inferior conj	-3216 Oct 14 j 13:13	27°♍07'05	0°33'33
minimum elong	-3216 Oct 14 j 12:27	27°♍09'46	0°33'14
min. Earth dist.	-3216 Oct 14 j 13:04	27°♍07'36	0.67447 AU
morning rise	-3216 Oct 19 j 20:17	20°♍51'21	
direct	-3216 Oct 24 j 10:00	19°♍00'06	
morning max el	-3216 Nov 02 j 23:13	24°♍40'43	22°25'11
greatest brilliancy	-3216 Nov 07 j 15:44	29°♍57'36	-0.3m
	-3216 Nov 07 j 16:32	0°♎	
desc. node	-3216 Nov 23 j 20:23	22°♎23'22	
	-3216 Nov 28 j 20:38	0°♏	
morning set	-3216 Dec 06 j 07:54	11°♏49'15	
max. Earth dist.	-3216 Dec 11 j 19:49	20°♏55'21	1.40732 AU
	-3216 Dec 17 j 02:09	0°♐	
superior conj	-3216 Dec 19 j 14:13	4°♐26'56	-1°-56'-3

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3216 Dec 19 j 13:32	4°♐23'50	1°56'10
evening rise	-3216 Dec 29 j 17:04	23°♐09'11	
	-3215 Jan 02 j 09:08	0°♑	
asc. node	-3215 Jan 08 j 21:08	11°♑15'39	
evening max el	-3215 Jan 14 j 22:33	19°♑07'06	18°18'39
retrograde	-3215 Jan 22 j 03:22	22°♑42'06	
evening set	-3215 Jan 24 j 15:57	22°♑16'43	
inferior conj	-3215 Jan 31 j 19:52	17°♑34'33	3°53'34
minimum elong	-3215 Jan 31 j 21:42	17°♑30'38	3°53'19
min. Earth dist.	-3215 Feb 04 j 04:33	14°♑43'33	0.59612 AU
morning rise	-3215 Feb 08 j 00:13	12°♑02'02	
direct	-3215 Feb 14 j 12:28	10°♑07'52	
desc. node	-3215 Feb 19 j 19:36	11°♑18'49	
morning max el	-3215 Feb 28 j 18:26	17°♑46'39	27°06'11
	-3215 Mar 10 j 23:21	0°♒	
	-3215 Mar 28 j 14:03	0°♓	
morning set	-3215 Mar 31 j 09:31	5°♓44'00	
asc. node	-3215 Apr 06 j 20:34	19°♓35'36	
max. Earth dist.	-3215 Apr 07 j 04:31	20°♓19'05	1.32524 AU
superior conj	-3215 Apr 07 j 12:40	21°♓03'45	0°07'03
minimum elong	-3215 Apr 07 j 12:21	21°♓02'01	0°06'58
behind sun begin	-3215 Apr 07 j 07:50	20°♓37'17	
behind sun end	-3215 Apr 07 j 16:52	21°♓26'47	
	-3215 Apr 11 j 15:00	0°♈	
evening rise	-3215 Apr 14 j 12:41	6°♈11'15	
	-3215 Apr 27 j 04:05	0°♉	
evening max el	-3215 May 12 j 22:47	20°♉47'00	26°04'02
desc. node	-3215 May 18 j 18:28	25°♉23'59	
retrograde	-3215 May 27 j 00:48	28°♉03'20	
evening set	-3215 Jun 02 j 03:05	26°♉32'10	
min. Earth dist.	-3215 Jun 06 j 11:26	23°♉50'51	0.59023 AU
inferior conj	-3215 Jun 09 j 20:05	21°♉19'01	-4°-21'-13
minimum elong	-3215 Jun 09 j 18:36	21°♉21'49	4°21'05
morning rise	-3215 Jun 17 j 13:56	16°♉50'49	
direct	-3215 Jun 20 j 01:24	16°♉29'57	
morning max el	-3215 Jun 27 j 22:23	20°♉14'42	18°30'50
asc. node	-3215 Jul 03 j 20:00	27°♉37'13	
	-3215 Jul 05 j 08:15	0°♊	
morning set	-3215 Jul 14 j 02:00	15°♊54'29	
	-3215 Jul 21 j 10:36	0°♋	
superior conj	-3215 Jul 23 j 04:01	3°♋13'43	1°48'04
minimum elong	-3215 Jul 23 j 05:03	3°♋18'31	1°48'09
max. Earth dist.	-3215 Jul 30 j 11:02	16°♋21'39	1.39940 AU
evening rise	-3215 Aug 03 j 20:13	23°♋50'37	
	-3215 Aug 07 j 14:00	0°♌	
desc. node	-3215 Aug 14 j 17:43	11°♌14'01	
	-3215 Aug 27 j 19:50	0°♍	
evening max el	-3215 Sep 07 j 17:36	13°♍01'29	23°40'32
retrograde	-3215 Sep 18 j 09:08	19°♍18'49	
evening set	-3215 Sep 23 j 11:03	17°♍11'54	
inferior conj	-3215 Sep 28 j 19:48	10°♍50'21	0°-20'00
minimum elong	-3215 Sep 28 j 20:16	10°♍48'45	0°19'46
min. Earth dist.	-3215 Sep 28 j 09:27	11°♍25'45	0.67414 AU
asc. node	-3215 Sep 29 j 19:07	9°♍31'16	
morning rise	-3215 Oct 04 j 05:37	4°♍38'38	
direct	-3215 Oct 08 j 05:37	3°♍08'32	
morning max el	-3215 Oct 16 j 16:24	8°♍06'40	21°04'35
greatest brilliancy	-3215 Oct 22 j 06:27	14°♍38'24	-0.5m
	-3215 Nov 02 j 05:55	0°♎	
desc. node	-3215 Nov 10 j 17:22	12°♎44'59	
morning set	-3215 Nov 15 j 15:37	20°♎22'45	
	-3215 Nov 21 j 17:06	0°♏	
max. Earth dist.	-3215 Nov 23 j 23:36	3°♏40'45	1.42599 AU
superior conj	-3215 Nov 30 j 23:35	15°♏19'42	-1°-46'-24
minimum elong	-3215 Nov 30 j 19:00	15°♏00'13	1°46'13
	-3215 Dec 09 j 09:46	0°♐	
evening rise	-3215 Dec 12 j 14:25	5°♐42'42	
asc. node	-3215 Dec 26 j 18:12	29°♐10'15	
	-3215 Dec 27 j 10:04	0°♑	
evening max el	-3215 Dec 29 j 09:15	2°♑11'12	18°07'54
retrograde	-3214 Jan 05 j 01:28	5°♑38'34	
evening set	-3214 Jan 07 j 17:07	5°♑05'46	
inferior conj	-3214 Jan 14 j 08:21	0°♑02'00	4°00'10
minimum elong	-3214 Jan 14 j 07:39	0°♑03'44	4°00'02
	-3214 Jan 14 j 09:10	30°℞♐	
min. Earth dist.	-3214 Jan 17 j 08:14	27°♐06'56	0.61629 AU
morning rise	-3214 Jan 20 j 19:48	24°♐13'45	
direct	-3214 Jan 27 j 19:37	21°♐46'26	
desc. node	-3214 Feb 06 j 16:41	25°♐51'58	
morning max el	-3214 Feb 10 j 20:50	29°♐31'32	27°40'12
	-3214 Feb 11 j 08:18	0°♑	
	-3214 Mar 04 j 20:32	0°♒	
morning set	-3214 Mar 15 j 15:06	20°♒22'34	
	-3214 Mar 20 j 05:09	0°♓	
max. Earth dist.	-3214 Mar 21 j 16:01	3°♓07'51	1.32697 AU
superior conj	-3214 Mar 22 j 23:29	5°♓58'40	0°-18'-19
minimum elong	-3214 Mar 23 j 00:19	6°♓03'12	0°18'11
asc. node	-3214 Mar 24 j 17:35	9°♓48'01	
evening rise	-3214 Mar 29 j 23:55	21°♓08'19	
	-3214 Apr 03 j 08:02	0°♈	
	-3214 Apr 22 j 21:37	0°♉	
evening max el	-3214 Apr 24 j 16:09	1°♉47'07	24°43'02
desc. node	-3214 May 05 j 15:32	8°♉30'50	
retrograde	-3214 May 08 j 15:57	8°♉51'54	
evening set	-3214 May 13 j 12:15	7°♉58'31	
min. Earth dist.	-3214 May 19 j 04:14	5°♉02'38	0.57127 AU
inferior conj	-3214 May 22 j 01:17	3°♉09'38	-3°-49'-25
minimum elong	-3214 May 21 j 20:12	3°♉18'00	3°48'29
	-3214 May 27 j 11:52	30°℞♈	
morning rise	-3214 May 30 j 08:16	29°♈01'03	
direct	-3214 Jun 01 j 19:58	28°♈43'32	
	-3214 Jun 06 j 20:31	0°♉	
morning max el	-3214 Jun 10 j 23:14	2°♉58'42	19°18'38
asc. node	-3214 Jun 20 j 17:03	16°♉17'52	
	-3214 Jun 27 j 23:06	0°♊	
morning set	-3214 Jun 28 j 00:27	0°♊06'39	
superior conj	-3214 Jul 06 j 07:17	16°♊33'45	1°47'26
minimum elong	-3214 Jul 06 j 06:15	16°♊28'48	1°47'32
max. Earth dist.	-3214 Jul 12 j 12:47	28°♊21'41	1.37987 AU
	-3214 Jul 13 j 10:18	0°♋	
evening rise	-3214 Jul 16 j 10:15	5°♋21'58	
	-3214 Jul 31 j 14:00	0°♌	
desc. node	-3214 Aug 01 j 14:42	1°♌31'54	
evening max el	-3214 Aug 21 j 04:42	26°♌32'11	24°59'03
	-3214 Aug 25 j 02:41	0°♍	
retrograde	-3214 Sep 01 j 21:28	3°♍20'35	
evening set	-3214 Sep 07 j 14:27	0°♍55'26	
	-3214 Sep 08 j 14:10	30°℞♌	
min. Earth dist.	-3214 Sep 12 j 03:50	25°♌44'40	0.67075 AU
inferior conj	-3214 Sep 13 j 00:48	24°♌35'23	-1°-13'-47
minimum elong	-3214 Sep 13 j 02:34	24°♌29'36	1°13'01
asc. node	-3214 Sep 16 j 16:12	20°♌10'49	
morning rise	-3214 Sep 18 j 15:05	18°♌30'49	
direct	-3214 Sep 22 j 03:24	17°♌19'21	
morning max el	-3214 Sep 29 j 16:49	21°♌41'25	19°55'14
	-3214 Oct 06 j 11:21	0°♍	
greatest brilliancy	-3214 Oct 07 j 08:05	1°♍11'51	-0.6m
morning set	-3214 Oct 25 j 13:28	28°♍35'02	
	-3214 Oct 26 j 11:24	0°♎	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3214 Oct 28 j 14:21	3°♎18'03	
max. Earth dist.	-3214 Nov 06 j 10:41	17°♎13'57	1.44004 AU
superior conj	-3214 Nov 11 j 05:42	24°♎56'08	-1°-20'-7
minimum elong	-3214 Nov 10 j 22:28	24°♎26'47	1°19'27
	-3214 Nov 14 j 08:12	0°♏	
evening rise	-3214 Nov 24 j 17:36	17°♏25'32	
	-3214 Dec 02 j 03:10	0°♐	
evening max el	-3214 Dec 12 j 21:54	15°♐28'13	18°16'17
asc. node	-3214 Dec 13 j 15:15	16°♐10'19	
retrograde	-3214 Dec 19 j 10:40	18°♐59'57	
evening set	-3214 Dec 22 j 06:07	18°♐18'27	
inferior conj	-3214 Dec 28 j 11:20	12°♐54'16	3°45'55
minimum elong	-3214 Dec 28 j 08:58	13°♐00'45	3°45'28
min. Earth dist.	-3214 Dec 30 j 21:13	10°♐15'44	0.63460 AU
morning rise	-3213 Jan 03 j 10:12	6°♐55'04	
direct	-3213 Jan 10 j 10:45	4°♐08'36	
morning max el	-3213 Jan 24 j 03:57	11°♐53'54	27°37'49
desc. node	-3213 Jan 24 j 13:46	12°♐18'25	
	-3213 Feb 07 j 14:51	0°♑	
	-3213 Feb 25 j 05:40	0°♒	
morning set	-3213 Feb 27 j 14:11	4°♒37'42	
max. Earth dist.	-3213 Mar 04 j 21:48	15°♒33'47	1.33253 AU
superior conj	-3213 Mar 07 j 07:37	20°♒41'29	0°-43'-35
minimum elong	-3213 Mar 07 j 09:34	20°♒51'56	0°43'17
asc. node	-3213 Mar 11 j 14:36	29°♒55'30	
	-3213 Mar 11 j 15:26	0°♓	
evening rise	-3213 Mar 14 j 11:32	6°♓02'12	
	-3213 Mar 27 j 09:37	0°♈	
evening max el	-3213 Apr 06 j 08:03	12°♈28'51	23°09'32
retrograde	-3213 Apr 19 j 18:00	19°♈06'31	
desc. node	-3213 Apr 22 j 12:38	18°♈49'32	
evening set	-3213 Apr 23 j 06:19	18°♈39'33	
min. Earth dist.	-3213 Apr 30 j 18:31	15°♈17'27	0.55733 AU
inferior conj	-3213 May 02 j 11:00	14°♈18'14	-2°-36'-39
minimum elong	-3213 May 02 j 05:00	14°♈27'03	2°34'55
morning rise	-3213 May 11 j 06:42	10°♈21'07	
direct	-3213 May 13 j 20:25	10°♈05'07	
morning max el	-3213 May 24 j 13:59	15°♈04'41	20°26'46
	-3213 Jun 04 j 13:32	0°♉	
asc. node	-3213 Jun 07 j 14:05	5°♉30'45	
morning set	-3213 Jun 12 j 05:27	14°♉41'16	
superior conj	-3213 Jun 19 j 23:01	0°♊33'12	1°39'02
minimum elong	-3213 Jun 19 j 20:48	0°♊21'57	1°38'58
	-3213 Jun 19 j 16:29	0°♊	
max. Earth dist.	-3213 Jun 24 j 18:58	10°♊08'52	1.36213 AU
evening rise	-3213 Jun 28 j 22:20	17°♊59'30	
	-3213 Jul 05 j 16:46	0°♋	
desc. node	-3213 Jul 19 j 11:41	21°♋29'58	
	-3213 Jul 25 j 19:04	0°♌	
evening max el	-3213 Aug 03 j 15:46	10°♌04'45	26°07'35
retrograde	-3213 Aug 16 j 05:01	17°♌13'41	
evening set	-3213 Aug 22 j 12:39	14°♌34'08	
min. Earth dist.	-3213 Aug 26 j 17:42	10°♌01'19	0.66409 AU
inferior conj	-3213 Aug 28 j 02:23	8°♌19'06	-2°-6'-7
minimum elong	-3213 Aug 28 j 05:19	8°♌09'58	2°04'58
morning rise	-3213 Sep 02 j 22:44	2°♌25'06	
asc. node	-3213 Sep 03 j 13:16	2°♌05'30	
direct	-3213 Sep 06 j 01:40	1°♌29'05	
morning max el	-3213 Sep 13 j 00:02	5°♌23'37	19°00'14
	-3213 Sep 30 j 06:13	0°♍	
morning set	-3213 Oct 05 j 01:04	7°♍32'53	
desc. node	-3213 Oct 15 j 11:17	23°♍58'05	
	-3213 Oct 19 j 07:14	0°♎	
max. Earth dist.	-3213 Oct 20 j 03:16	1°♎18'58	1.44765 AU
superior conj	-3213 Oct 21 j 12:06	3°♎28'27	0°-37'-52
minimum elong	-3213 Oct 21 j 07:17	3°♎09'26	0°37'17
evening rise	-3213 Nov 05 j 22:04	28°♎08'41	
	-3213 Nov 07 j 01:28	0°♏	
evening max el	-3213 Nov 26 j 09:44	28°♏51'48	18°42'56
	-3213 Nov 27 j 14:06	0°♐	
asc. node	-3213 Nov 30 j 12:19	2°♐00'51	
retrograde	-3213 Dec 03 j 03:00	2°♐38'09	
evening set	-3213 Dec 06 j 03:37	1°♐46'20	
	-3213 Dec 08 j 11:41	30°℞♏	
inferior conj	-3213 Dec 12 j 01:06	26°♏04'09	3°17'20
minimum elong	-3213 Dec 11 j 22:03	26°♏13'20	3°16'31
min. Earth dist.	-3213 Dec 13 j 20:01	23°♏55'03	0.64957 AU
morning rise	-3213 Dec 17 j 15:24	19°♏56'47	
direct	-3213 Dec 24 j 08:26	17°♏06'32	
morning max el	-3212 Jan 06 j 13:24	24°♏44'37	27°02'11
desc. node	-3212 Jan 11 j 10:49	0°♐05'43	
	-3212 Jan 11 j 08:53	0°♐	
	-3212 Feb 01 j 00:39	0°♑	
morning set	-3212 Feb 11 j 03:40	18°♑19'32	
max. Earth dist.	-3212 Feb 15 j 18:21	27°♑27'46	1.34230 AU
	-3212 Feb 17 j 00:09	0°♒	
superior conj	-3212 Feb 19 j 11:05	5°♒05'46	-1°-7'-41
minimum elong	-3212 Feb 19 j 13:57	5°♒20'43	1°07'18
asc. node	-3212 Feb 26 j 11:37	19°♒53'54	
evening rise	-3212 Feb 26 j 21:46	20°♒46'51	
	-3212 Mar 02 j 11:26	0°♓	
evening max el	-3212 Mar 18 j 04:41	23°♓19'28	21°37'37
retrograde	-3212 Mar 30 j 09:34	29°♓13'09	
evening set	-3212 Apr 01 j 23:56	28°♓57'56	
desc. node	-3212 Apr 08 j 09:45	26°♓32'06	
inferior conj	-3212 Apr 11 j 07:48	24°♓56'09	0°-48'-47
minimum elong	-3212 Apr 11 j 05:31	24°♓59'21	0°48'01
min. Earth dist.	-3212 Apr 11 j 08:10	24°♓55'38	0.55137 AU
morning rise	-3212 Apr 20 j 11:37	20°♓55'35	
direct	-3212 Apr 23 j 09:12	20°♓37'04	
morning max el	-3212 May 05 j 17:53	26°♓29'11	21°52'59
	-3212 May 09 j 02:02	0°♈	
asc. node	-3212 May 24 j 11:06	25°♈07'49	
morning set	-3212 May 26 j 14:46	29°♈32'01	
	-3212 May 26 j 20:10	0°♉	
superior conj	-3212 Jun 02 j 23:32	15°♉01'22	1°24'53
minimum elong	-3212 Jun 02 j 20:54	14°♉47'32	1°24'37
max. Earth dist.	-3212 Jun 06 j 10:10	22°♉08'18	1.34757 AU
	-3212 Jun 10 j 08:51	0°♊	
evening rise	-3212 Jun 11 j 03:14	1°♊29'03	
	-3212 Jun 27 j 16:07	0°♋	
desc. node	-3212 Jul 05 j 08:43	10°♋59'50	
evening max el	-3212 Jul 16 j 03:16	23°♋32'33	26°58'02
	-3212 Jul 25 j 04:06	0°♌	
retrograde	-3212 Jul 29 j 07:24	0°♌52'17	
	-3212 Aug 02 j 04:09	30°℞♋	
evening set	-3212 Aug 05 j 03:20	28°♋05'33	
min. Earth dist.	-3212 Aug 09 j 00:46	24°♋11'24	0.65382 AU
inferior conj	-3212 Aug 10 j 22:32	21°♋58'45	-2°-54'-54
minimum elong	-3212 Aug 11 j 02:17	21°♋47'51	2°53'39
morning rise	-3212 Aug 17 j 02:28	16°♋18'39	
direct	-3212 Aug 19 j 22:18	15°♋34'47	
asc. node	-3212 Aug 20 j 10:22	15°♋36'10	
morning max el	-3212 Aug 26 j 12:21	19°♋10'44	18°21'25
	-3212 Sep 03 j 15:06	0°♌	
morning set	-3212 Sep 14 j 15:19	17°♌49'33	
	-3212 Sep 22 j 02:52	0°♍	
superior conj	-3212 Sep 29 j 12:12	11°♍47'59	0°11'43

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3212 Sep 29 j 13:42	11°♍53'56	0°11'34
behind sun begin	-3212 Sep 29 j 05:45	11°♍22'28	
behind sun end	-3212 Sep 29 j 21:38	12°♍25'23	
desc. node	-3212 Oct 01 j 08:13	14°♍42'03	
max. Earth dist.	-3212 Oct 01 j 21:47	15°♍35'32	1.44799 AU
	-3212 Oct 11 j 01:58	0°♎	
evening rise	-3212 Oct 16 j 01:56	7°♎49'37	
	-3212 Oct 30 j 10:07	0°♏	
greatest brilliancy	-3212 Oct 30 j 14:14	0°♏15'16	-0.7m
evening max el	-3212 Nov 08 j 18:21	12°♏17'48	19°26'28
retrograde	-3212 Nov 15 j 23:12	16°♏27'45	
asc. node	-3212 Nov 16 j 09:24	16°♏26'43	
evening set	-3212 Nov 19 j 06:48	15°♏23'30	
inferior conj	-3212 Nov 24 j 22:33	9°♏26'27	2°38'51
minimum elong	-3212 Nov 24 j 19:35	9°♏36'04	2°37'51
min. Earth dist.	-3212 Nov 26 j 03:37	7°♏52'44	0.66087 AU
morning rise	-3212 Nov 30 j 07:36	3°♏13'16	
direct	-3212 Dec 06 j 12:06	0°♏31'30	
morning max el	-3212 Dec 18 j 22:56	7°♏51'35	26°00'11
desc. node	-3212 Dec 28 j 07:51	18°♏49'54	
	-3211 Jan 05 j 07:39	0°♐	
	-3211 Jan 23 j 11:03	0°♑	
morning set	-3211 Jan 24 j 03:18	1°♑14'51	
max. Earth dist.	-3211 Jan 28 j 03:16	8°♑48'26	1.35653 AU
superior conj	-3211 Feb 02 j 07:24	19°♑03'15	-1°-29'-7
minimum elong	-3211 Feb 02 j 10:41	19°♑19'52	1°28'51
	-3211 Feb 07 j 15:24	0°♒	
evening rise	-3211 Feb 10 j 04:42	5°♒15'11	
asc. node	-3211 Feb 12 j 08:39	9°♒37'53	
	-3211 Feb 24 j 07:47	0°♓	
evening max el	-3211 Feb 28 j 10:45	4°♓39'16	20°17'53
retrograde	-3211 Mar 11 j 00:23	9°♓41'07	
evening set	-3211 Mar 13 j 06:53	9°♓28'09	
inferior conj	-3211 Mar 22 j 04:47	5°♓29'26	1°07'24
minimum elong	-3211 Mar 22 j 07:41	5°♓25'08	1°06'22
min. Earth dist.	-3211 Mar 23 j 22:16	4°♓28'00	0.55477 AU
desc. node	-3211 Mar 26 j 06:53	3°♓08'38	
morning rise	-3211 Mar 31 j 06:08	1°♓06'57	
direct	-3211 Apr 03 j 22:46	0°♓37'11	
morning max el	-3211 Apr 17 j 12:52	7°♓18'15	23°30'47
	-3211 May 03 j 17:36	0°♈	
morning set	-3211 May 11 j 02:23	14°♈31'18	
asc. node	-3211 May 11 j 08:08	15°♈01'29	
superior conj	-3211 May 18 j 05:52	29°♈47'51	1°06'29
minimum elong	-3211 May 18 j 03:24	29°♈34'37	1°06'06
	-3211 May 18 j 08:08	0°♉	
max. Earth dist.	-3211 May 20 j 10:51	4°♉29'59	1.33670 AU
evening rise	-3211 May 25 j 20:10	15°♉35'39	
	-3211 Jun 02 j 10:57	0°♊	
desc. node	-3211 Jun 22 j 05:47	29°♊48'41	
	-3211 Jun 22 j 09:32	0°♋	
evening max el	-3211 Jun 28 j 14:01	6°♋43'49	27°23'24
retrograde	-3211 Jul 12 j 04:21	14°♋07'18	
evening set	-3211 Jul 19 j 07:30	11°♋24'42	
min. Earth dist.	-3211 Jul 22 j 23:03	8°♋06'01	0.63966 AU
inferior conj	-3211 Jul 25 j 10:43	5°♋28'55	-3°-37'-21
minimum elong	-3211 Jul 25 j 14:39	5°♋18'31	3°36'20
morning rise	-3211 Jul 31 j 23:40	0°♋05'55	
	-3211 Aug 01 j 05:22	30°♌℞	
direct	-3211 Aug 03 j 14:41	29°♊31'12	
	-3211 Aug 05 j 23:49	0°♋	
asc. node	-3211 Aug 07 j 07:27	0°♋39'58	
morning max el	-3211 Aug 10 j 03:14	2°♋57'19	17°59'56
morning set	-3211 Aug 27 j 08:08	29°♋22'24	
	-3211 Aug 27 j 16:53	0°♌	

superior conj	-3211 Sep 09 j 04:21	20°♌58'07	0°55'55
minimum elong	-3211 Sep 09 j 09:46	21°♌20'12	0°55'20
max. Earth dist.	-3211 Sep 14 j 14:32	29°♌43'32	1.44111 AU
	-3211 Sep 14 j 18:39	0°♍	
desc. node	-3211 Sep 18 j 05:12	5°♍27'08	
evening rise	-3211 Sep 25 j 10:39	16°♍43'12	
	-3211 Oct 04 j 03:17	0°♎	
greatest brilliancy	-3211 Oct 16 j 12:28	17°♎58'47	-0.6m
evening max el	-3211 Oct 22 j 21:54	25°♎44'18	20°24'59
	-3211 Oct 28 j 16:04	0°♏	
retrograde	-3211 Oct 30 j 20:36	0°♏25'16	
	-3211 Nov 01 j 23:03	30°℞♎	
asc. node	-3211 Nov 03 j 06:29	29°♎18'00	
evening set	-3211 Nov 03 j 13:21	29°♎06'10	
inferior conj	-3211 Nov 09 j 01:09	22°♎57'47	1°53'33
minimum elong	-3211 Nov 08 j 22:46	23°♎05'49	1°52'38
min. Earth dist.	-3211 Nov 09 j 18:00	22°♎00'56	0.66866 AU
morning rise	-3211 Nov 14 j 07:39	16°♎41'18	
direct	-3211 Nov 19 j 21:18	14°♎16'13	
morning max el	-3211 Dec 01 j 07:39	21°♎04'57	24°41'00
	-3211 Dec 09 j 01:08	0°♏	
desc. node	-3211 Dec 15 j 04:51	8°♏14'21	
	-3211 Dec 29 j 13:22	0°♐	
morning set	-3210 Jan 06 j 07:36	13°♐08'11	
max. Earth dist.	-3210 Jan 10 j 02:00	19°♐53'29	1.37478 AU
	-3210 Jan 15 j 11:20	0°♑	
superior conj	-3210 Jan 16 j 17:21	2°♑25'05	-1°-45'-56
minimum elong	-3210 Jan 16 j 20:11	2°♑38'52	1°45'51
evening rise	-3210 Jan 25 j 06:06	19°♑20'47	
asc. node	-3210 Jan 30 j 05:42	29°♑01'43	
	-3210 Jan 30 j 18:15	0°♒	
evening max el	-3210 Feb 11 j 03:35	16°♒35'57	19°15'59
retrograde	-3210 Feb 20 j 02:16	20°♒52'00	
evening set	-3210 Feb 22 j 09:51	20°♒36'06	
inferior conj	-3210 Mar 02 j 15:16	16°♒26'11	2°40'35
minimum elong	-3210 Mar 02 j 20:10	16°♒17'56	2°39'15
min. Earth dist.	-3210 Mar 05 j 13:29	14°♒28'48	0.56678 AU
morning rise	-3210 Mar 11 j 02:37	11°♒32'57	
desc. node	-3210 Mar 13 j 03:59	10°♒56'30	
direct	-3210 Mar 15 j 23:48	10°♒37'46	
morning max el	-3210 Mar 30 j 03:53	17°♒52'42	25°08'21
	-3210 Apr 09 j 03:51	0°♓	
morning set	-3210 Apr 25 j 14:34	29°♓33'12	
	-3210 Apr 25 j 19:40	0°♈	
asc. node	-3210 Apr 28 j 05:10	5°♈06'28	
superior conj	-3210 May 02 j 15:45	14°♈45'08	0°44'59
minimum elong	-3210 May 02 j 13:53	14°♈35'03	0°44'38
max. Earth dist.	-3210 May 03 j 19:08	17°♈13'48	1.32954 AU
evening rise	-3210 May 09 j 21:31	0°♉08'01	
	-3210 May 09 j 19:57	0°♉	
	-3210 May 26 j 12:52	0°♊	
desc. node	-3210 Jun 09 j 02:53	17°♊39'02	
evening max el	-3210 Jun 10 j 22:05	19°♊26'47	27°18'09
retrograde	-3210 Jun 24 j 19:05	26°♊49'09	
evening set	-3210 Jul 01 j 21:20	24°♊24'49	
min. Earth dist.	-3210 Jul 05 j 11:33	21°♊32'34	0.62199 AU
inferior conj	-3210 Jul 08 j 11:58	18°♊42'54	-4°-9'-13
minimum elong	-3210 Jul 08 j 14:59	18°♊35'49	4°08'44
morning rise	-3210 Jul 15 j 11:10	13°♊39'40	
direct	-3210 Jul 17 j 23:31	13°♊11'36	
morning max el	-3210 Jul 24 j 17:52	16°♊36'48	17°56'40
asc. node	-3210 Jul 25 j 04:31	17°♊03'36	
	-3210 Aug 03 j 04:40	0°♋	
morning set	-3210 Aug 09 j 22:16	11°♋56'27	
	-3210 Aug 20 j 02:54	0°♌	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3210 Aug 20 j 23:29	1°♌28'22	1°26'58	
minimum elong	-3210 Aug 21 j 04:27	1°♌49'40	1°26'36	
max. Earth dist.	-3210 Aug 28 j 02:57	13°♌25'52	1.42807 AU	
evening rise	-3210 Sep 04 j 16:31	25°♌32'02		
desc. node	-3210 Sep 05 j 02:11	26°♌09'52		
	-3210 Sep 07 j 13:26	0°♍		
	-3210 Sep 28 j 03:35	0°♎		
greatest brilliancy	-3210 Sep 30 j 19:42	3°♎26'46	-0.4m	
evening max el	-3210 Oct 05 j 19:25	9°♎10'24	21°35'38	
retrograde	-3210 Oct 14 j 17:07	14°♎27'37		
evening set	-3210 Oct 18 j 21:17	12°♎51'10		
asc. node	-3210 Oct 21 j 03:35	10°♎39'01		
inferior conj	-3210 Oct 24 j 06:43	6°♎35'00	1°03'39	
minimum elong	-3210 Oct 24 j 05:17	6°♎39'56	1°03'03	
min. Earth dist.	-3210 Oct 24 j 12:37	6°♎14'40	0.67324 AU	
morning rise	-3210 Oct 29 j 12:59	0°♎18'06		
	-3210 Oct 29 j 21:48	30°℞♍		
direct	-3210 Nov 03 j 11:19	28°♍13'55		
	-3210 Nov 08 j 13:41	0°♎		
morning max el	-3210 Nov 13 j 17:01	4°♎20'29	23°14'28	
greatest brilliancy	-3210 Nov 18 j 22:25	10°♎13'47	-0.3m	
desc. node	-3210 Dec 02 j 01:50	28°♎06'58		
	-3210 Dec 03 j 08:32	0°♏		
morning set	-3210 Dec 18 j 10:13	23°♏42'28		
	-3210 Dec 22 j 03:15	0°♐		
max. Earth dist.	-3210 Dec 22 j 21:12	1°♐17'36	1.39544 AU	
superior conj	-3210 Dec 30 j 12:38	14°♐59'20	-1°-55'-22	
minimum elong	-3210 Dec 30 j 13:42	15°♐04'14	1°55'28	
	-3209 Jan 07 j 10:40	0°♑		
evening rise	-3209 Jan 08 j 23:14	2°♑56'02		
asc. node	-3209 Jan 17 j 02:45	17°♑57'51		
evening max el	-3209 Jan 25 j 05:31	29°♑04'53	18°33'51	
	-3209 Jan 26 j 05:52	0°♒		
retrograde	-3209 Feb 01 j 22:07	2°♒49'55		
evening set	-3209 Feb 04 j 09:05	2°♒28'17		
	-3209 Feb 09 j 04:49	30°℞♑		
inferior conj	-3209 Feb 11 j 21:39	27°♑58'54	3°37'00	
minimum elong	-3209 Feb 12 j 01:02	27°♑52'17	3°36'25	
min. Earth dist.	-3209 Feb 15 j 07:01	25°♑21'01	0.58463 AU	
morning rise	-3209 Feb 19 j 13:19	22°♑38'50		
direct	-3209 Feb 25 j 14:06	21°♑06'44		
desc. node	-3209 Feb 28 j 01:04	21°♑21'50		
morning max el	-3209 Mar 11 j 20:43	28°♑39'19	26°30'57	
	-3209 Mar 13 j 04:52	0°♒		
	-3209 Apr 02 j 17:22	0°♓		
morning set	-3209 Apr 10 j 01:40	14°♓31'36		
asc. node	-3209 Apr 15 j 02:12	25°♓17'57		
superior conj	-3209 Apr 17 j 03:18	29°♓46'29	0°21'19	
minimum elong	-3209 Apr 17 j 02:22	29°♓41'22	0°21'07	
	-3209 Apr 17 j 05:46	0°♈		
max. Earth dist.	-3209 Apr 17 j 07:45	0°♈10'54	1.32583 AU	
evening rise	-3209 Apr 24 j 04:26	14°♈56'39		
	-3209 May 01 j 20:21	0°♉		
	-3209 May 22 j 12:23	0°♊		
evening max el	-3209 May 24 j 01:07	1°♊31'11	26°40'02	
desc. node	-3209 May 26 j 23:57	4°♊06'32		
retrograde	-3209 Jun 07 j 02:01	8°♊49'49		
evening set	-3209 Jun 13 j 16:35	6°♊57'06		
min. Earth dist.	-3209 Jun 17 j 14:33	4°♊16'39	0.60199 AU	
inferior conj	-3209 Jun 20 j 22:48	1°♊32'25	-4°-24'-2	
minimum elong	-3209 Jun 20 j 23:23	1°♊31'14	4°23'57	
	-3209 Jun 22 j 20:53	30°℞♉		
morning rise	-3209 Jun 28 j 09:28	26°♉51'00		
direct	-3209 Jun 30 j 21:00	26°♉27'46		
morning max el	-3209 Jul 08 j 05:24	0°♊01'58	18°12'34	
	-3209 Jul 08 j 04:34	0°♊		
asc. node	-3209 Jul 12 j 01:35	4°♊31'38		
morning set	-3209 Jul 24 j 04:17	25°♊17'45		
	-3209 Jul 26 j 16:16	0°♋		
superior conj	-3209 Aug 02 j 20:44	13°♋16'50	1°43'54	
minimum elong	-3209 Aug 02 j 23:16	13°♋28'13	1°43'53	
max. Earth dist.	-3209 Aug 10 j 10:03	26°♋30'34	1.41061 AU	
	-3209 Aug 12 j 11:50	0°♌		
evening rise	-3209 Aug 15 j 14:33	5°♌07'47		
desc. node	-3209 Aug 22 j 23:12	16°♌46'56		
	-3209 Aug 31 j 19:47	0°♍		
greatest brilliancy	-3209 Sep 13 j 10:42	16°♍59'42	-0.3m	
evening max el	-3209 Sep 18 j 11:23	22°♍37'29	22°54'06	
retrograde	-3209 Sep 28 j 11:13	28°♍32'54		
evening set	-3209 Oct 03 j 04:51	26°♍37'15		
asc. node	-3209 Oct 08 j 00:39	21°♍00'52		
inferior conj	-3209 Oct 08 j 13:26	20°♍16'51	0°10'59	
minimum elong	-3209 Oct 08 j 13:10	20°♍17'45	0°10'53	
transit middle	-3209 Oct 08 j 13:10	20°♍17'45	0°10'53	
transit begin	-3209 Oct 08 j 11:09	20°♍24'42		
transit end	-3209 Oct 08 j 15:11	20°♍10'48		
min. Earth dist.	-3209 Oct 08 j 09:01	20°♍32'06	0.67476 AU	
morning rise	-3209 Oct 13 j 21:27	14°♍02'29		
direct	-3209 Oct 18 j 05:14	12°♍20'13		
morning max el	-3209 Oct 27 j 06:28	17°♍41'42	21°49'43	
greatest brilliancy	-3209 Nov 01 j 04:08	23°♍17'10	-0.4m	
	-3209 Nov 06 j 07:05	0°♎		
desc. node	-3209 Nov 18 j 22:50	18°♎20'07		
	-3209 Nov 26 j 12:10	0°♏		
morning set	-3209 Nov 28 j 07:57	2°♏53'34		
max. Earth dist.	-3209 Dec 04 j 21:05	13°♏32'46	1.41576 AU	
superior conj	-3209 Dec 12 j 12:01	26°♏33'17	-1°-53'-50	
minimum elong	-3209 Dec 12 j 09:45	26°♏23'19	1°53'51	
	-3209 Dec 14 j 10:54	0°♐		
evening rise	-3209 Dec 23 j 04:55	15°♐54'28		
	-3209 Dec 31 j 00:47	0°♑		
asc. node	-3208 Jan 03 j 23:46	6°♑17'53		
evening max el	-3208 Jan 08 j 13:50	11°♑58'23	18°11'41	
retrograde	-3208 Jan 15 j 11:51	15°♑28'15		
evening set	-3208 Jan 18 j 01:52	14°♑59'41		
inferior conj	-3208 Jan 24 j 23:59	10°♑08'03	3°59'25	
minimum elong	-3208 Jan 25 j 00:40	10°♑06'31	3°59'18	
min. Earth dist.	-3208 Jan 28 j 05:51	7°♑12'43	0.60485 AU	
morning rise	-3208 Jan 31 j 20:41	4°♑28'26		
direct	-3208 Feb 07 j 15:25	2°♑18'58		
desc. node	-3208 Feb 14 j 22:08	4°♑33'02		
morning max el	-3208 Feb 21 j 19:23	10°♑00'09	27°25'10	
	-3208 Mar 08 j 07:13	0°♒		
morning set	-3208 Mar 24 j 09:50	29°♒19'31		
	-3208 Mar 24 j 17:39	0°♓		
max. Earth dist.	-3208 Mar 30 j 20:55	13°♓07'33	1.32554 AU	
superior conj	-3208 Mar 31 j 14:49	14°♓45'23	0°-3'-40	
minimum elong	-3208 Mar 31 j 14:59	14°♓46'17	0°03'40	
behind sun begin	-3208 Mar 31 j 10:05	14°♓19'25		
behind sun end	-3208 Mar 31 j 19:54	15°♓13'09		
asc. node	-3208 Mar 31 j 23:13	15°♓31'15		
evening rise	-3208 Apr 07 j 14:39	29°♓52'50		
	-3208 Apr 07 j 16:00	0°♈		
	-3208 Apr 24 j 07:55	0°♉		
evening max el	-3208 May 04 j 21:37	12°♉52'22	25°32'04	
desc. node	-3208 May 12 j 21:03	18°♉37'48		
retrograde	-3208 May 18 j 23:15	20°♉04'23		
evening set	-3208 May 24 j 13:59	18°♉49'59		
min. Earth dist.	-3208 May 29 j 09:50	16°♉04'23	0.58181 AU	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3208 Jun 01 j 15:33	13°♉46'54	-4°-12'-23
minimum elong	-3208 Jun 01 j 12:27	13°♉52'27	4°12'01
morning rise	-3208 Jun 09 j 14:52	9°♉27'31	
direct	-3208 Jun 12 j 02:35	9°♉08'03	
morning max el	-3208 Jun 20 j 10:55	13°♉03'40	18°48'37
asc. node	-3208 Jun 27 j 22:38	22°♉49'19	
	-3208 Jul 02 j 01:36	0°♊	
morning set	-3208 Jul 06 j 21:44	9°♊14'09	
superior conj	-3208 Jul 15 j 14:42	26°♊08'17	1°48'54
minimum elong	-3208 Jul 15 j 14:46	26°♊08'35	1°49'01
	-3208 Jul 17 j 15:58	0°♋	
max. Earth dist.	-3208 Jul 22 j 12:53	8°♋52'43	1.39107 AU
evening rise	-3208 Jul 26 j 13:54	15°♋55'57	
	-3208 Aug 04 j 03:38	0°♌	
desc. node	-3208 Aug 08 j 20:12	7°♌13'27	
	-3208 Aug 25 j 10:59	0°♍	
evening max el	-3208 Aug 30 j 23:29	6°♍06'17	24°14'34
retrograde	-3208 Sep 11 j 01:51	12°♍37'17	
evening set	-3208 Sep 16 j 10:17	10°♍22'10	
min. Earth dist.	-3208 Sep 21 j 04:43	4°♍51'00	0.67317 AU
inferior conj	-3208 Sep 21 j 19:32	4°♍00'59	0°-42'-52
minimum elong	-3208 Sep 21 j 20:33	3°♍57'34	0°42'25
asc. node	-3208 Sep 23 j 21:43	1°♍16'45	
	-3208 Sep 24 j 23:51	30°℞♌	
morning rise	-3208 Sep 27 j 07:04	27°♌52'11	
direct	-3208 Oct 01 j 01:53	26°♌30'23	
	-3208 Oct 07 j 21:09	0°♍	
morning max el	-3208 Oct 09 j 02:42	1°♍11'39	20°33'28
greatest brilliancy	-3208 Oct 15 j 09:45	8°♍43'32	-0.5m
	-3208 Oct 30 j 01:57	0°♎	
desc. node	-3208 Nov 04 j 19:50	8°♎47'29	
morning set	-3208 Nov 06 j 08:41	11°♎10'05	
max. Earth dist.	-3208 Nov 16 j 04:43	26°♎42'42	1.43270 AU
	-3208 Nov 18 j 05:25	0°♏	
superior conj	-3208 Nov 22 j 10:00	6°♏53'53	-1°-37'-23
minimum elong	-3208 Nov 22 j 03:54	6°♏28'28	1°36'59
evening rise	-3208 Dec 04 j 19:06	28°♏08'03	
	-3208 Dec 05 j 20:36	0°♐	
asc. node	-3208 Dec 20 j 20:48	23°♐51'08	
evening max el	-3208 Dec 22 j 01:40	25°♐08'52	18°09'08
retrograde	-3208 Dec 28 j 15:23	28°♐37'00	
evening set	-3208 Dec 31 j 08:32	28°♐00'37	
inferior conj	-3207 Jan 06 j 19:09	22°♐47'35	3°56'15
minimum elong	-3207 Jan 06 j 17:37	22°♐51'33	3°56'01
min. Earth dist.	-3207 Jan 09 j 13:16	19°♐57'41	0.62437 AU
morning rise	-3207 Jan 13 j 00:41	16°♐54'07	
direct	-3207 Jan 20 j 01:48	14°♐17'08	
desc. node	-3207 Jan 31 j 19:12	19°♐59'17	
morning max el	-3207 Feb 03 j 00:16	22°♐02'51	27°43'44
	-3207 Feb 10 j 01:05	0°♑	
	-3207 Mar 01 j 08:50	0°♒	
morning set	-3207 Mar 08 j 13:01	13°♒49'46	
max. Earth dist.	-3207 Mar 14 j 06:42	25°♒49'42	1.32884 AU
superior conj	-3207 Mar 16 j 00:43	29°♒36'08	0°-29'-6
minimum elong	-3207 Mar 16 j 02:02	29°♒43'17	0°28'53
	-3207 Mar 16 j 05:07	0°♓	
asc. node	-3207 Mar 18 j 20:13	5°♓42'22	
evening rise	-3207 Mar 23 j 02:16	14°♓49'48	
	-3207 Mar 30 j 18:07	0°♈	
evening max el	-3207 Apr 16 j 13:29	23°♈41'10	24°03'54
	-3207 Apr 26 j 08:16	0°♉	
desc. node	-3207 Apr 29 j 18:06	0°♉36'13	
retrograde	-3207 Apr 30 j 08:56	0°♉37'05	
	-3207 May 04 j 10:47	30°℞♈	
evening set	-3207 May 04 j 15:24	29°♈56'30	
min. Earth dist.	-3207 May 11 j 00:55	26°♈51'02	0.56454 AU
inferior conj	-3207 May 13 j 12:07	25°♈19'19	-3°-23'-44
minimum elong	-3207 May 13 j 06:07	25°♈28'40	3°22'20
morning rise	-3207 May 22 j 00:47	21°♈17'28	
direct	-3207 May 24 j 13:01	21°♈00'55	
morning max el	-3207 Jun 03 j 07:45	25°♈32'51	19°45'15
	-3207 Jun 07 j 07:58	0°♉	
asc. node	-3207 Jun 14 j 19:42	11°♉45'02	
morning set	-3207 Jun 20 j 23:17	23°♉37'02	
	-3207 Jun 24 j 03:02	0°♊	
superior conj	-3207 Jun 28 j 23:51	9°♊47'14	1°44'42
minimum elong	-3207 Jun 28 j 22:13	9°♊39'09	1°44'43
max. Earth dist.	-3207 Jul 04 j 15:46	20°♊44'10	1.37201 AU
evening rise	-3207 Jul 08 j 13:56	27°♊57'07	
	-3207 Jul 09 j 17:26	0°♋	
desc. node	-3207 Jul 26 j 17:12	27°♋24'03	
	-3207 Jul 28 j 12:33	0°♌	
evening max el	-3207 Aug 13 j 10:11	19°♌37'37	25°29'45
retrograde	-3207 Aug 25 j 12:18	26°♌36'26	
evening set	-3207 Aug 31 j 11:45	24°♌04'09	
min. Earth dist.	-3207 Sep 04 j 21:25	19°♌09'30	0.66839 AU
inferior conj	-3207 Sep 05 j 23:19	17°♌45'42	-1°-36'-18
minimum elong	-3207 Sep 06 j 01:35	17°♌38'21	1°35'21
asc. node	-3207 Sep 10 j 18:50	12°♌23'47	
morning rise	-3207 Sep 11 j 16:01	11°♌45'28	
direct	-3207 Sep 14 j 23:59	10°♌41'10	
morning max el	-3207 Sep 22 j 06:17	14°♌50'27	19°29'55
greatest brilliancy	-3207 Oct 01 j 08:49	26°♌35'26	-0.7m
	-3207 Oct 03 j 16:10	0°♍	
morning set	-3207 Oct 16 j 09:47	19°♍34'53	
desc. node	-3207 Oct 22 j 16:47	29°♍24'03	
	-3207 Oct 23 j 01:58	0°♎	
max. Earth dist.	-3207 Oct 29 j 18:24	10°♎31'23	1.44409 AU
superior conj	-3207 Nov 02 j 04:45	15°♎58'55	-1°-3'-48
minimum elong	-3207 Nov 01 j 21:47	15°♎31'06	1°03'03
	-3207 Nov 10 j 20:24	0°♏	
evening rise	-3207 Nov 16 j 13:08	9°♏26'38	
	-3207 Nov 29 j 02:32	0°♐	
evening max el	-3207 Dec 05 j 14:12	8°♐29'01	18°25'29
asc. node	-3207 Dec 07 j 17:51	10°♐23'37	
retrograde	-3207 Dec 12 j 04:12	12°♐06'13	
evening set	-3207 Dec 15 j 01:30	11°♐20'44	
inferior conj	-3207 Dec 21 j 03:10	5°♐48'31	3°35'15
minimum elong	-3207 Dec 21 j 00:24	5°♐56'26	3°34'38
min. Earth dist.	-3207 Dec 23 j 06:39	3°♐21'11	0.64132 AU
morning rise	-3207 Dec 26 j 21:54	29°♏45'14	
	-3207 Dec 26 j 14:51	30°℞♏	
direct	-3206 Jan 02 j 19:55	26°♏55'20	
	-3206 Jan 10 j 21:58	0°♐	
morning max el	-3206 Jan 16 j 08:55	4°♐39'40	27°26'27
desc. node	-3206 Jan 18 j 16:16	7°♐03'43	
	-3206 Feb 04 j 15:02	0°♑	
morning set	-3206 Feb 20 j 08:27	27°♑52'22	
	-3206 Feb 21 j 10:13	0°♒	
max. Earth dist.	-3206 Feb 25 j 08:56	8°♒02'48	1.33610 AU
superior conj	-3206 Feb 28 j 07:06	14°♒11'49	0°-54'-2
minimum elong	-3206 Feb 28 j 09:29	14°♒24'26	0°53'41
asc. node	-3206 Mar 05 j 17:13	25°♒46'27	
evening rise	-3206 Mar 07 j 13:30	29°♒40'17	
	-3206 Mar 07 j 17:16	0°♓	
	-3206 Mar 25 j 05:58	0°♈	
evening max el	-3206 Mar 29 j 06:27	4°♈22'45	22°29'30
retrograde	-3206 Apr 11 j 06:18	10°♈44'12	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3206 Apr 14 j 07:14	10°♈23'55	
desc. node	-3206 Apr 16 j 15:12	9°♈42'50	
min. Earth dist.	-3206 Apr 22 j 14:58	6°♈46'29	0.55364 AU
inferior conj	-3206 Apr 23 j 15:01	6°♈12'13	-1°-54'-2
minimum elong	-3206 Apr 23 j 10:06	6°♈19'15	1°52'27
morning rise	-3206 May 02 j 15:05	2°♈15'48	
direct	-3206 May 05 j 06:45	1°♈59'36	
morning max el	-3206 May 16 j 17:57	7°♈21'31	21°01'34
	-3206 Jun 01 j 02:31	0°♉	
asc. node	-3206 Jun 01 j 16:44	1°♉08'59	
morning set	-3206 Jun 05 j 06:22	8°♉19'04	
superior conj	-3206 Jun 12 j 19:45	24°♉00'20	1°33'39
minimum elong	-3206 Jun 12 j 17:16	23°♉47'34	1°33'29
	-3206 Jun 15 j 18:29	0°♊	
max. Earth dist.	-3206 Jun 17 j 00:59	2°♊32'04	1.35545 AU
evening rise	-3206 Jun 21 j 09:48	10°♊58'45	
	-3206 Jul 02 j 05:21	0°♋	
desc. node	-3206 Jul 13 j 14:13	17°♋11'42	
	-3206 Jul 23 j 20:07	0°♌	
evening max el	-3206 Jul 26 j 21:22	3°♌09'21	26°31'42
retrograde	-3206 Aug 08 j 17:58	10°♌24'52	
evening set	-3206 Aug 15 j 07:09	7°♌41'06	
min. Earth dist.	-3206 Aug 19 j 08:47	3°♌24'43	0.66013 AU
inferior conj	-3206 Aug 20 j 22:54	1°♌28'54	-2°-27'-26
minimum elong	-3206 Aug 21 j 02:14	1°♌18'46	2°26'11
	-3206 Aug 22 j 04:34	30°℞♋	
morning rise	-3206 Aug 26 j 22:18	25°♋40'21	
asc. node	-3206 Aug 28 j 15:56	24°♋58'50	
direct	-3206 Aug 29 j 21:49	24°♋50'03	
morning max el	-3206 Sep 05 j 16:01	28°♋36'02	18°41'38
	-3206 Sep 06 j 23:06	0°♌	
morning set	-3206 Sep 26 j 08:09	29°♌05'23	
	-3206 Sep 26 j 21:47	0°♍	
desc. node	-3206 Oct 09 j 13:45	20°♍06'41	
superior conj	-3206 Oct 12 j 05:50	24°♍19'08	0°-16'-59
minimum elong	-3206 Oct 12 j 03:35	24°♍10'17	0°16'41
max. Earth dist.	-3206 Oct 12 j 11:43	24°♍42'17	1.44867 AU
	-3206 Oct 15 j 20:24	0°♎	
evening rise	-3206 Oct 28 j 07:08	19°♎43'25	
	-3206 Nov 03 j 17:35	0°♏	
evening max el	-3206 Nov 19 j 01:00	21°♏54'36	18°59'31
asc. node	-3206 Nov 24 j 14:56	25°♏40'22	
retrograde	-3206 Nov 25 j 22:28	25°♏50'02	
evening set	-3206 Nov 29 j 01:44	24°♏53'22	
inferior conj	-3206 Dec 04 j 20:36	19°♏04'45	3°02'00
minimum elong	-3206 Dec 04 j 17:30	19°♏14'22	3°01'05
min. Earth dist.	-3206 Dec 06 j 09:33	17°♏09'57	0.65484 AU
morning rise	-3206 Dec 10 j 08:17	12°♏54'32	
direct	-3206 Dec 16 j 20:31	10°♏06'14	
morning max el	-3206 Dec 29 j 18:32	17°♏38'42	26°38'24
desc. node	-3205 Jan 05 j 13:19	25°♏17'56	
	-3205 Jan 09 j 04:43	0°♐	
	-3205 Jan 28 j 12:34	0°♑	
morning set	-3205 Feb 03 j 16:36	11°♑16'14	
max. Earth dist.	-3205 Feb 08 j 00:19	19°♑40'14	1.34780 AU
superior conj	-3205 Feb 12 j 07:52	28°♑25'49	-1°-17'-12
minimum elong	-3205 Feb 12 j 10:59	28°♑41'54	1°16'52
	-3205 Feb 13 j 02:04	0°♒	
evening rise	-3205 Feb 19 j 22:33	14°♒18'28	
asc. node	-3205 Feb 20 j 14:14	15°♒39'13	
	-3205 Feb 28 j 01:05	0°♓	
evening max el	-3205 Mar 11 j 06:50	15°♓24'24	21°01'48
retrograde	-3205 Mar 22 j 19:44	20°♓55'36	
evening set	-3205 Mar 25 j 05:04	20°♓42'18	

inferior conj	-3205 Apr 03 j 10:04	16°♓44'22	0°01'34
minimum elong	-3205 Apr 03 j 10:08	16°♓44'17	0°01'30
transit middle	-3205 Apr 03 j 10:08	16°♓44'17	0°01'30
transit begin	-3205 Apr 03 j 06:04	16°♓50'04	
transit end	-3205 Apr 03 j 14:13	16°♓38'29	
desc. node	-3205 Apr 03 j 12:19	16°♓41'11	
min. Earth dist.	-3205 Apr 04 j 05:01	16°♓17'28	0.55167 AU
morning rise	-3205 Apr 12 j 14:17	12°♓36'01	
direct	-3205 Apr 15 j 18:37	12°♓13'58	
morning max el	-3205 Apr 28 j 17:32	18°♓28'52	22°33'43
	-3205 May 08 j 01:23	0°♈	
asc. node	-3205 May 19 j 13:45	20°♈53'35	
morning set	-3205 May 20 j 16:50	23°♈13'42	
	-3205 May 23 j 21:51	0°♉	
superior conj	-3205 May 27 j 23:00	8°♉36'54	1°17'31
minimum elong	-3205 May 27 j 20:22	8°♉22'58	1°17'12
max. Earth dist.	-3205 May 30 j 20:14	14°♉39'44	1.34248 AU
evening rise	-3205 Jun 04 j 20:19	24°♉45'37	
	-3205 Jun 07 j 13:41	0°♊	
	-3205 Jun 25 j 17:15	0°♋	
desc. node	-3205 Jun 30 j 11:17	6°♋25'59	
evening max el	-3205 Jul 09 j 08:57	16°♋32'22	27°12'27
retrograde	-3205 Jul 22 j 18:11	23°♋54'20	
evening set	-3205 Jul 29 j 17:46	21°♋08'09	
min. Earth dist.	-3205 Aug 02 j 12:29	17°♋29'28	0.64819 AU
inferior conj	-3205 Aug 04 j 16:01	15°♋05'36	-3°-13'-56
minimum elong	-3205 Aug 04 j 19:57	14°♋54'36	3°12'44
morning rise	-3205 Aug 10 j 23:35	9°♋32'06	
direct	-3205 Aug 13 j 17:05	8°♋52'25	
asc. node	-3205 Aug 15 j 13:02	9°♋10'15	
morning max el	-3205 Aug 20 j 05:41	12°♋23'24	18°10'05
	-3205 Sep 01 j 11:20	0°♌	
morning set	-3205 Sep 07 j 10:15	9°♌56'31	
	-3205 Sep 19 j 15:08	0°♍	
superior conj	-3205 Sep 21 j 10:29	2°♍54'00	0°31'45
minimum elong	-3205 Sep 21 j 14:12	3°♍08'55	0°31'19
max. Earth dist.	-3205 Sep 25 j 05:55	8°♍57'52	1.44595 AU
desc. node	-3205 Sep 26 j 10:43	10°♍51'46	
evening rise	-3205 Oct 08 j 01:33	29°♍01'02	
	-3205 Oct 08 j 16:46	0°♎	
greatest brilliancy	-3205 Oct 25 j 14:56	25°♎37'22	-0.6m
	-3205 Oct 28 j 19:33	0°♏	
evening max el	-3205 Nov 02 j 07:45	5°♏21'39	19°49'41
retrograde	-3205 Nov 09 j 19:21	9°♏43'28	
asc. node	-3205 Nov 11 j 12:02	9°♏26'51	
evening set	-3205 Nov 13 j 06:37	8°♏33'11	
inferior conj	-3205 Nov 18 j 20:31	2°♏31'07	2°20'18
minimum elong	-3205 Nov 18 j 17:44	2°♏40'16	2°19'18
min. Earth dist.	-3205 Nov 19 j 20:14	1°♏13'01	0.66470 AU
	-3205 Nov 20 j 18:52	30°℞♎	
morning rise	-3205 Nov 24 j 04:12	26°♎16'26	
direct	-3205 Nov 30 j 02:42	23°♎40'51	
	-3205 Dec 11 j 07:47	0°♏	
morning max el	-3205 Dec 12 j 03:28	0°♏48'29	25°27'53
desc. node	-3205 Dec 23 j 10:19	14°♏20'54	
	-3204 Jan 03 j 04:39	0°♐	
morning set	-3204 Jan 17 j 08:44	23°♐46'57	
	-3204 Jan 20 j 17:35	0°♑	
max. Earth dist.	-3204 Jan 21 j 04:13	0°♑50'03	1.36391 AU
superior conj	-3204 Jan 27 j 00:14	12°♑09'39	-1°-36'-58
minimum elong	-3204 Jan 27 j 03:27	12°♑25'43	1°36'46
evening rise	-3204 Feb 04 j 03:24	28°♑38'03	
	-3204 Feb 04 j 19:39	0°♒	
asc. node	-3204 Feb 07 j 11:16	5°♒15'32	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3204 Feb 21 j 17:39	27°♒00'22	19°49'13
	-3204 Feb 25 j 15:36	0°♓	
retrograde	-3204 Mar 02 j 13:38	1°♓40'51	
evening set	-3204 Mar 04 j 20:15	1°♓26'58	
	-3204 Mar 08 j 22:54	30°℞♒	
inferior conj	-3204 Mar 13 j 11:29	27°♒24'56	1°51'03
minimum elong	-3204 Mar 13 j 15:45	27°♒18'18	1°49'40
min. Earth dist.	-3204 Mar 15 j 19:15	25°♒58'40	0.55898 AU
desc. node	-3204 Mar 20 j 09:25	23°♒32'42	
morning rise	-3204 Mar 22 j 08:06	22°♒50'02	
direct	-3204 Mar 26 j 12:33	22°♒11'09	
morning max el	-3204 Apr 09 j 09:54	29°♒08'09	24°13'12
	-3204 Apr 10 j 07:05	0°♓	
	-3204 Apr 30 j 03:42	0°♈	
morning set	-3204 May 04 j 04:55	8°♈15'23	
asc. node	-3204 May 05 j 10:47	10°♈53'04	
superior conj	-3204 May 11 j 07:05	23°♈29'07	0°57'40
minimum elong	-3204 May 11 j 04:50	23°♈16'57	0°57'18
max. Earth dist.	-3204 May 13 j 00:48	27°♈13'27	1.33323 AU
	-3204 May 14 j 08:04	0°♉	
evening rise	-3204 May 18 j 17:15	9°♉05'04	
	-3204 May 29 j 23:18	0°♊	
desc. node	-3204 Jun 16 j 08:22	24°♊52'49	
evening max el	-3204 Jun 20 j 19:06	29°♊34'10	27°25'12
	-3204 Jun 21 j 06:01	0°♋	
retrograde	-3204 Jul 04 j 12:17	6°♋56'38	
evening set	-3204 Jul 11 j 16:19	4°♋20'13	
min. Earth dist.	-3204 Jul 15 j 06:40	1°♋14'12	0.63256 AU
	-3204 Jul 16 j 12:33	30°℞♊	
inferior conj	-3204 Jul 17 j 23:58	28°♊30'17	-3°-52'-29
minimum elong	-3204 Jul 18 j 03:40	28°♊20'56	3°51'40
morning rise	-3204 Jul 24 j 17:06	23°♊15'10	
direct	-3204 Jul 27 j 06:51	22°♊43'24	
asc. node	-3204 Aug 01 j 10:07	24°♊50'04	
morning max el	-3204 Aug 02 j 20:45	26°♊07'44	17°56'16
	-3204 Aug 06 j 03:54	0°♋	
morning set	-3204 Aug 19 j 12:52	21°♋57'48	
	-3204 Aug 24 j 03:24	0°♌	
superior conj	-3204 Aug 31 j 13:35	12°♌36'44	1°10'52
minimum elong	-3204 Aug 31 j 19:14	13°♌00'15	1°10'20
max. Earth dist.	-3204 Sep 06 j 21:39	22°♌59'08	1.43631 AU
	-3204 Sep 11 j 07:14	0°♍	
desc. node	-3204 Sep 12 j 07:43	1°♍36'25	
evening rise	-3204 Sep 16 j 06:42	7°♍46'46	
	-3204 Oct 01 j 00:33	0°♎	
greatest brilliancy	-3204 Oct 09 j 16:47	12°♎06'10	-0.5m
evening max el	-3204 Oct 15 j 08:51	18°♎48'20	20°53'41
retrograde	-3204 Oct 23 j 16:33	23°♎43'49	
evening set	-3204 Oct 27 j 14:01	22°♎17'22	
asc. node	-3204 Oct 28 j 09:08	21°♎38'13	
inferior conj	-3204 Nov 02 j 00:36	16°♎05'13	1°32'50
minimum elong	-3204 Nov 01 j 22:36	16°♎12'05	1°32'01
min. Earth dist.	-3204 Nov 02 j 12:36	15°♎24'17	0.67107 AU
morning rise	-3204 Nov 07 j 06:47	9°♎48'26	
direct	-3204 Nov 12 j 13:53	7°♎32'08	
morning max el	-3204 Nov 23 j 12:11	14°♎03'07	24°04'30
	-3204 Dec 06 j 11:30	0°♏	
desc. node	-3204 Dec 09 j 07:20	3°♏58'37	
	-3204 Dec 26 j 02:07	0°♐	
morning set	-3204 Dec 29 j 02:49	5°♐08'22	
max. Earth dist.	-3203 Jan 02 j 00:55	12°♐00'48	1.38348 AU
superior conj	-3203 Jan 09 j 04:33	25°♐12'57	-1°-51'-2
minimum elong	-3203 Jan 09 j 06:49	25°♐23'46	1°51'03
	-3203 Jan 11 j 16:17	0°♑	
evening rise	-3203 Jan 18 j 01:41	12°♑32'02	
asc. node	-3203 Jan 24 j 08:19	24°♑28'44	
	-3203 Jan 27 j 13:45	0°♒	
evening max el	-3203 Feb 03 j 14:33	9°♒11'16	18°55'32
retrograde	-3203 Feb 11 j 23:07	13°♒12'31	
evening set	-3203 Feb 14 j 08:06	12°♒54'22	
inferior conj	-3203 Feb 22 j 06:05	8°♒36'23	3°09'09
minimum elong	-3203 Feb 22 j 10:38	8°♒28'12	3°08'06
min. Earth dist.	-3203 Feb 25 j 10:57	6°♒19'34	0.57382 AU
morning rise	-3203 Mar 02 j 09:20	3°♒30'58	
desc. node	-3203 Mar 07 j 06:30	2°♒21'57	
direct	-3203 Mar 07 j 18:49	2°♒21'19	
morning max el	-3203 Mar 22 j 01:07	9°♒44'49	25°46'22
	-3203 Apr 06 j 08:48	0°♓	
morning set	-3203 Apr 18 j 16:52	23°♓16'54	
	-3203 Apr 21 j 20:27	0°♈	
asc. node	-3203 Apr 22 j 07:48	1°♈01'28	
superior conj	-3203 Apr 25 j 17:52	8°♈28'53	0°35'09
minimum elong	-3203 Apr 25 j 16:22	8°♈20'44	0°34'52
max. Earth dist.	-3203 Apr 26 j 11:30	10°♈05'06	1.32753 AU
evening rise	-3203 May 02 j 21:15	23°♈45'17	
	-3203 May 05 j 23:24	0°♉	
	-3203 May 23 j 20:00	0°♊	
evening max el	-3203 Jun 03 j 01:06	12°♊01'00	27°05'50
desc. node	-3203 Jun 03 j 05:26	12°♊11'19	
retrograde	-3203 Jun 16 j 23:42	19°♊21'58	
evening set	-3203 Jun 23 j 22:43	17°♊09'20	
min. Earth dist.	-3203 Jun 27 j 14:40	14°♊24'31	0.61372 AU
inferior conj	-3203 Jun 30 j 19:28	11°♊34'32	-4°-18'-4
minimum elong	-3203 Jun 30 j 21:39	11°♊29'42	4°17'48
morning rise	-3203 Jul 07 j 23:26	6°♊40'42	
direct	-3203 Jul 10 j 11:22	6°♊14'47	
morning max el	-3203 Jul 17 j 10:25	9°♊42'04	18°01'05
asc. node	-3203 Jul 19 j 07:10	11°♊42'46	
	-3203 Jul 30 j 18:15	0°♋	
morning set	-3203 Aug 02 j 10:18	4°♋53'09	
superior conj	-3203 Aug 12 j 20:20	23°♋41'47	1°35'47
minimum elong	-3203 Aug 13 j 00:22	23°♋59'26	1°35'35
	-3203 Aug 16 j 11:52	0°♌	
max. Earth dist.	-3203 Aug 20 j 07:58	6°♌27'12	1.42103 AU
evening rise	-3203 Aug 26 j 17:24	16°♌49'42	
desc. node	-3203 Aug 30 j 04:44	22°♌17'13	
	-3203 Sep 04 j 05:30	0°♍	
greatest brilliancy	-3203 Sep 23 j 09:40	26°♍51'55	-0.3m
	-3203 Sep 26 j 01:35	0°♎	
evening max el	-3203 Sep 28 j 03:44	2°♎14'23	22°08'17
retrograde	-3203 Oct 07 j 12:20	7°♎48'14	
evening set	-3203 Oct 11 j 22:01	6°♎03'36	
asc. node	-3203 Oct 15 j 06:12	2°♎29'15	
inferior conj	-3203 Oct 17 j 06:53	29°♍44'56	0°41'35
minimum elong	-3203 Oct 17 j 05:56	29°♍48'14	0°41'10
	-3203 Oct 17 j 02:32	30°℞♍	
min. Earth dist.	-3203 Oct 17 j 08:16	29°♍40'08	0.67421 AU
morning rise	-3203 Oct 22 j 13:40	23°♍28'46	
direct	-3203 Oct 27 j 05:33	21°♍34'14	
morning max el	-3203 Nov 05 j 23:06	27°♍21'49	22°37'51
	-3203 Nov 08 j 09:54	0°♎	
greatest brilliancy	-3203 Nov 10 j 15:58	2°♎39'01	-0.3m
desc. node	-3203 Nov 26 j 04:20	24°♎01'11	
	-3203 Nov 30 j 03:31	0°♏	
morning set	-3203 Dec 09 j 17:18	15°♏07'46	
max. Earth dist.	-3203 Dec 14 j 21:41	23°♏46'08	1.40428 AU
	-3203 Dec 18 j 12:22	0°♐	
superior conj	-3203 Dec 22 j 16:07	7°♐23'44	-1°-56'-18

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3203 Dec 22 j 15:56	7°♐22'56	1°56'24
evening rise	-3202 Jan 01 j 14:28	25°♐53'30	
	-3202 Jan 03 j 18:47	0°♑	
asc. node	-3202 Jan 11 j 05:21	13°♑11'15	
evening max el	-3202 Jan 17 j 19:31	21°♑51'57	18°21'55
retrograde	-3202 Jan 25 j 03:06	25°♑29'04	
evening set	-3202 Jan 27 j 15:13	25°♑04'46	
inferior conj	-3202 Feb 03 j 21:18	20°♑26'03	3°50'12
minimum elong	-3202 Feb 03 j 23:33	20°♑21'21	3°49'53
min. Earth dist.	-3202 Feb 07 j 06:36	17°♑37'32	0.59310 AU
morning rise	-3202 Feb 11 j 04:30	14°♑56'23	
direct	-3202 Feb 17 j 14:07	13°♑07'46	
desc. node	-3202 Feb 22 j 03:34	14°♑00'21	
morning max el	-3202 Mar 03 j 20:28	20°♑45'30	26°58'03
	-3202 Mar 11 j 20:38	0°♒	
	-3202 Mar 30 j 01:45	0°♓	
morning set	-3202 Apr 03 j 02:57	8°♓11'52	
asc. node	-3202 Apr 09 j 04:48	21°♓14'15	
superior conj	-3202 Apr 10 j 05:36	23°♓30'00	0°10'50
minimum elong	-3202 Apr 10 j 05:07	23°♓27'21	0°10'44
behind sun begin	-3202 Apr 10 j 01:26	23°♓07'08	
behind sun end	-3202 Apr 10 j 08:49	23°♓47'34	
max. Earth dist.	-3202 Apr 10 j 00:42	23°♓03'09	1.32526 AU
	-3202 Apr 13 j 04:59	0°♈	
evening rise	-3202 Apr 17 j 05:48	8°♈37'45	
	-3202 Apr 28 j 10:22	0°♉	
evening max el	-3202 May 16 j 01:05	23°♉45'37	26°14'15
desc. node	-3202 May 21 j 02:30	27°♉53'26	
	-3202 May 25 j 00:34	0°♊	
retrograde	-3202 May 30 j 03:04	1°♊02'57	
	-3202 Jun 04 j 03:23	30°℞♉	
evening set	-3202 Jun 05 j 08:52	29°♉26'03	
min. Earth dist.	-3202 Jun 09 j 14:00	26°♉45'27	0.59324 AU
inferior conj	-3202 Jun 12 j 22:56	24°♉09'39	-4°-23'00
minimum elong	-3202 Jun 12 j 22:02	24°♉11'24	4°22'54
morning rise	-3202 Jun 20 j 14:54	19°♉38'04	
direct	-3202 Jun 23 j 02:17	19°♉16'42	
morning max el	-3202 Jun 30 j 19:46	22°♉58'23	18°25'26
asc. node	-3202 Jul 06 j 04:13	29°♉33'17	
	-3202 Jul 06 j 11:23	0°♊	
morning set	-3202 Jul 16 j 21:34	18°♊29'48	
	-3202 Jul 22 j 22:12	0°♋	
superior conj	-3202 Jul 26 j 03:03	5°♋58'41	1°47'19
minimum elong	-3202 Jul 26 j 04:28	6°♋05'11	1°47'23
max. Earth dist.	-3202 Aug 02 j 12:18	19°♋10'48	1.40232 AU
evening rise	-3202 Aug 07 j 01:38	26°♋54'04	
	-3202 Aug 08 j 22:47	0°♌	
desc. node	-3202 Aug 17 j 01:43	12°♌50'03	
	-3202 Aug 28 j 21:20	0°♍	
evening max el	-3202 Sep 10 j 17:35	15°♍41'08	23°28'34
retrograde	-3202 Sep 21 j 05:11	21°♍53'09	
evening set	-3202 Sep 26 j 04:52	19°♍49'13	
min. Earth dist.	-3202 Oct 01 j 04:44	13°♍57'59	0.67436 AU
inferior conj	-3202 Oct 01 j 13:31	13°♍27'52	0°-11'-48
minimum elong	-3202 Oct 01 j 13:48	13°♍26'55	0°11'41
transit middle	-3202 Oct 01 j 13:48	13°♍26'55	0°11'41
transit begin	-3202 Oct 01 j 11:54	13°♍33'24	
transit end	-3202 Oct 01 j 15:42	13°♍20'25	
asc. node	-3202 Oct 02 j 03:17	12°♍40'49	
morning rise	-3202 Oct 06 j 22:48	7°♍15'14	
direct	-3202 Oct 11 j 00:45	5°♍42'01	
morning max el	-3202 Oct 19 j 15:10	10°♍46'11	21°15'57
greatest brilliancy	-3202 Oct 25 j 00:13	17°♍00'39	-0.5m
	-3202 Nov 03 j 10:28	0°♎	
desc. node	-3202 Nov 13 j 01:18	14°♎20'45	
morning set	-3202 Nov 19 j 04:11	23°♎49'31	
	-3202 Nov 23 j 01:35	0°♏	
max. Earth dist.	-3202 Nov 27 j 00:08	6°♏22'56	1.42346 AU
superior conj	-3202 Dec 04 j 05:15	18°♏27'37	-1°-48'-54
minimum elong	-3202 Dec 04 j 01:16	18°♏10'33	1°48'46
	-3202 Dec 10 j 19:43	0°♐	
evening rise	-3202 Dec 15 j 14:04	8°♐33'40	
	-3202 Dec 28 j 05:07	0°♑	
asc. node	-3202 Dec 29 j 02:23	1°♑13'02	
evening max el	-3201 Jan 01 j 05:43	4°♑53'47	18°08'16
retrograde	-3201 Jan 07 j 23:05	8°♑21'17	
evening set	-3201 Jan 10 j 14:19	7°♑49'36	
inferior conj	-3201 Jan 17 j 07:16	2°♑49'01	4°00'39
minimum elong	-3201 Jan 17 j 06:54	2°♑49'55	4°00'32
	-3201 Jan 20 j 05:58	30°℞♐	
min. Earth dist.	-3201 Jan 20 j 08:57	29°♐53'09	0.61341 AU
morning rise	-3201 Jan 23 j 20:59	27°♐02'54	
direct	-3201 Jan 30 j 19:55	24°♐39'42	
desc. node	-3201 Feb 09 j 00:38	28°♐13'08	
	-3201 Feb 11 j 07:03	0°♑	
morning max el	-3201 Feb 13 j 21:50	2°♑23'54	27°37'25
	-3201 Mar 06 j 04:09	0°♒	
morning set	-3201 Mar 18 j 09:16	22°♒53'07	
	-3201 Mar 21 j 18:52	0°♓	
max. Earth dist.	-3201 Mar 24 j 12:41	5°♓54'10	1.32646 AU
superior conj	-3201 Mar 25 j 16:40	8°♓26'20	0°-14'-27
minimum elong	-3201 Mar 25 j 17:19	8°♓29'54	0°14'21
behind sun begin	-3201 Mar 25 j 15:11	8°♓18'14	
behind sun end	-3201 Mar 25 j 19:28	8°♓41'35	
asc. node	-3201 Mar 27 j 01:49	11°♓27'09	
evening rise	-3201 Apr 01 j 16:50	23°♓35'00	
	-3201 Apr 04 j 19:30	0°♈	
	-3201 Apr 23 j 07:14	0°♉	
evening max el	-3201 Apr 27 j 19:16	4°♉51'21	24°56'20
desc. node	-3201 May 07 j 23:33	11°♉23'58	
retrograde	-3201 May 11 j 19:53	11°♉58'19	
evening set	-3201 May 16 j 21:06	10°♉59'52	
min. Earth dist.	-3201 May 22 j 07:27	8°♉07'02	0.57385 AU
inferior conj	-3201 May 25 j 07:14	6°♉07'12	-3°-56'-52
minimum elong	-3201 May 25 j 02:37	6°♉14'59	3°56'05
morning rise	-3201 Jun 02 j 12:11	1°♉55'55	
direct	-3201 Jun 04 j 23:53	1°♉37'55	
morning max el	-3201 Jun 13 j 21:56	5°♉47'40	19°10'09
asc. node	-3201 Jun 23 j 01:17	18°♉08'41	
	-3201 Jun 29 j 10:37	0°♊	
morning set	-3201 Jun 30 j 18:52	2°♊38'43	
superior conj	-3201 Jul 09 j 04:06	19°♊12'10	1°48'06
minimum elong	-3201 Jul 09 j 03:21	19°♊08'30	1°48'11
	-3201 Jul 14 j 21:28	0°♋	
max. Earth dist.	-3201 Jul 15 j 14:14	1°♋16'37	1.38275 AU
evening rise	-3201 Jul 19 j 12:02	8°♋15'06	
	-3201 Aug 01 j 20:01	0°♌	
desc. node	-3201 Aug 03 j 22:44	3°♌10'42	
evening max el	-3201 Aug 24 j 04:58	29°♌11'50	24°47'47
	-3201 Aug 25 j 00:51	0°♍	
retrograde	-3201 Sep 04 j 18:06	5°♍55'46	
evening set	-3201 Sep 10 j 08:51	3°♍33'14	
	-3201 Sep 13 j 15:48	30°℞♌	
min. Earth dist.	-3201 Sep 14 j 23:33	28°♌17'03	0.67151 AU
inferior conj	-3201 Sep 15 j 18:53	27°♌12'50	-1°-5'-41
minimum elong	-3201 Sep 15 j 20:26	27°♌07'39	1°05'00
asc. node	-3201 Sep 19 j 00:22	23°♌12'32	
morning rise	-3201 Sep 21 j 08:23	21°♌07'02	
direct	-3201 Sep 24 j 22:22	19°♌52'54	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3201 Oct 02 j 14:26	24°♌19'31	20°04'39
	-3201 Oct 07 j 10:13	0°♍	
greatest brilliancy	-3201 Oct 09 j 20:12	3°♍14'26	-0.6m
	-3201 Oct 27 j 18:48	0°♎	
morning set	-3201 Oct 29 j 01:53	2°♎00'09	
desc. node	-3201 Oct 30 j 22:18	4°♎52'27	
max. Earth dist.	-3201 Nov 09 j 10:24	19°♎50'34	1.43836 AU
superior conj	-3201 Nov 14 j 15:25	28°♎15'06	-1°-25'-12
minimum elong	-3201 Nov 14 j 08:19	27°♎46'10	1°24'36
	-3201 Nov 15 j 17:04	0°♏	
evening rise	-3201 Nov 27 j 20:11	20°♏24'24	
	-3201 Dec 03 j 10:18	0°♐	
asc. node	-3201 Dec 15 j 23:26	18°♐22'15	
evening max el	-3201 Dec 15 j 18:15	18°♐09'19	18°13'53
retrograde	-3201 Dec 22 j 06:57	21°♐39'40	
evening set	-3201 Dec 25 j 01:48	20°♐59'29	
inferior conj	-3201 Dec 31 j 08:19	15°♐38'04	3°49'04
minimum elong	-3201 Dec 31 j 06:09	15°♐43'57	3°48'42
min. Earth dist.	-3200 Jan 02 j 20:23	12°♐56'13	0.63206 AU
morning rise	-3200 Jan 06 j 08:49	9°♐40'21	
direct	-3200 Jan 13 j 09:49	6°♐55'55	
desc. node	-3200 Jan 26 j 21:41	14°♐24'47	
morning max el	-3200 Jan 27 j 04:24	14°♐41'15	27°40'28
	-3200 Feb 08 j 16:45	0°♑	
	-3200 Feb 26 j 17:03	0°♒	
morning set	-3200 Mar 01 j 09:31	7°♒12'32	
max. Earth dist.	-3200 Mar 06 j 19:43	18°♒25'09	1.33145 AU
superior conj	-3200 Mar 09 j 01:20	23°♒11'32	0°-39'-47
minimum elong	-3200 Mar 09 j 03:07	23°♒21'10	0°39'31
	-3200 Mar 12 j 05:03	0°♓	
asc. node	-3200 Mar 12 j 22:49	1°♓35'46	
evening rise	-3200 Mar 16 j 04:32	8°♓30'10	
	-3200 Mar 27 j 12:45	0°♈	
evening max el	-3200 Apr 08 j 11:01	15°♈34'12	23°23'41
retrograde	-3200 Apr 21 j 23:48	22°♈17'03	
desc. node	-3200 Apr 23 j 20:38	22°♈09'17	
evening set	-3200 Apr 25 j 16:38	21°♈47'02	
min. Earth dist.	-3200 May 02 j 21:47	18°♈29'45	0.55897 AU
inferior conj	-3200 May 04 j 19:38	17°♈21'51	-2°-50'-21
minimum elong	-3200 May 04 j 13:28	17°♈31'02	2°48'39
morning rise	-3200 May 13 j 13:35	13°♈24'01	
direct	-3200 May 16 j 02:53	13°♈07'55	
morning max el	-3200 May 26 j 14:18	17°♈59'51	20°15'25
	-3200 Jun 04 j 19:20	0°♉	
asc. node	-3200 Jun 08 j 22:20	7°♉17'29	
morning set	-3200 Jun 13 j 23:06	17°♉10'52	
	-3200 Jun 20 j 05:25	0°♊	
superior conj	-3200 Jun 21 j 18:19	3°♊06'59	1°40'44
minimum elong	-3200 Jun 21 j 16:14	2°♊56'27	1°40'40
max. Earth dist.	-3200 Jun 26 j 19:37	13°♊05'05	1.36462 AU
evening rise	-3200 Jun 30 j 21:13	20°♊43'55	
	-3200 Jul 06 j 02:11	0°♋	
desc. node	-3200 Jul 20 j 19:45	23°♋12'31	
	-3200 Jul 25 j 18:10	0°♌	
evening max el	-3200 Aug 05 j 15:57	12°♌44'32	25°58'13
retrograde	-3200 Aug 18 j 02:21	19°♌50'53	
evening set	-3200 Aug 24 j 07:59	17°♌12'58	
min. Earth dist.	-3200 Aug 28 j 14:14	12°♌34'32	0.66537 AU
inferior conj	-3200 Aug 29 j 21:07	10°♌57'03	-1°-58'-23
minimum elong	-3200 Aug 29 j 23:53	10°♌48'20	1°57'16
morning rise	-3200 Sep 04 j 16:29	5°♌01'22	
asc. node	-3200 Sep 04 j 21:29	4°♌54'01	
direct	-3200 Sep 07 j 20:40	4°♌03'18	
morning max el	-3200 Sep 14 j 20:50	8°♌01'11	19°07'25
	-3200 Sep 30 j 12:53	0°♍	
morning set	-3200 Oct 07 j 10:17	10°♍48'20	
desc. node	-3200 Oct 16 j 19:18	25°♍31'53	
	-3200 Oct 19 j 15:29	0°♎	
max. Earth dist.	-3200 Oct 22 j 02:34	3°♎52'49	1.44696 AU
superior conj	-3200 Oct 24 j 00:34	6°♎54'35	0°-45'-1
minimum elong	-3200 Oct 23 j 19:01	6°♎32'34	0°44'21
	-3200 Nov 07 j 09:26	0°♏	
evening rise	-3200 Nov 08 j 04:19	1°♏17'10	
	-3200 Nov 26 j 20:48	0°♐	
evening max el	-3200 Nov 28 j 06:22	1°♐32'17	18°37'53
asc. node	-3200 Dec 01 j 20:29	4°♐24'32	
retrograde	-3200 Dec 04 j 22:33	5°♐16'04	
evening set	-3200 Dec 07 j 22:15	4°♐25'54	
	-3200 Dec 12 j 19:38	30°℞♏	
inferior conj	-3200 Dec 13 j 20:44	28°♏46'07	3°22'23
minimum elong	-3200 Dec 13 j 17:45	28°♏55'02	3°21'38
min. Earth dist.	-3200 Dec 15 j 17:48	26°♏32'09	0.64750 AU
morning rise	-3200 Dec 19 j 12:04	22°♏39'43	
direct	-3200 Dec 26 j 06:31	19°♏49'16	
morning max el	-3199 Jan 08 j 13:50	27°♏29'18	27°09'28
	-3199 Jan 10 j 23:30	0°♐	
desc. node	-3199 Jan 12 j 18:46	2°♐01'55	
	-3199 Feb 01 j 08:36	0°♑	
morning set	-3199 Feb 13 j 00:43	21°♑00'34	
max. Earth dist.	-3199 Feb 17 j 18:00	0°♒25'14	1.34056 AU
	-3199 Feb 17 j 13:04	0°♒	
superior conj	-3199 Feb 21 j 05:40	7°♒39'20	-1°-4'-9
minimum elong	-3199 Feb 21 j 08:25	7°♒53'45	1°03'47
asc. node	-3199 Feb 27 j 19:51	21°♒36'02	
evening rise	-3199 Feb 28 j 15:08	23°♒16'57	
	-3199 Mar 03 j 22:05	0°♓	
evening max el	-3199 Mar 21 j 06:29	26°♓21'41	21°50'41
	-3199 Mar 25 j 21:38	0°♈	
retrograde	-3199 Apr 02 j 16:42	2°♈23'07	
evening set	-3199 Apr 05 j 09:20	2°♈06'53	
desc. node	-3199 Apr 10 j 17:43	0°♈11'53	
	-3199 Apr 11 j 03:18	30°℞♓	
inferior conj	-3199 Apr 14 j 17:38	28°♓02'52	-1°-6'-29
minimum elong	-3199 Apr 14 j 14:33	28°♓07'12	1°05'27
min. Earth dist.	-3199 Apr 14 j 11:27	28°♓11'33	0.55169 AU
morning rise	-3199 Apr 23 j 20:47	24°♓04'05	
direct	-3199 Apr 26 j 16:26	23°♓46'27	
morning max el	-3199 May 08 j 19:50	29°♓30'31	21°39'13
	-3199 May 09 j 08:12	0°♈	
asc. node	-3199 May 26 j 19:23	26°♈51'14	
	-3199 May 28 j 08:41	0°♉	
morning set	-3199 May 29 j 07:54	1°♉59'23	
superior conj	-3199 Jun 05 j 17:45	17°♉31'24	1°27'20
minimum elong	-3199 Jun 05 j 15:08	17°♉17'44	1°27'06
max. Earth dist.	-3199 Jun 09 j 09:09	25°♉00'26	1.34951 AU
	-3199 Jun 11 j 21:12	0°♊	
evening rise	-3199 Jun 13 j 23:55	4°♊06'20	
	-3199 Jun 28 j 21:50	0°♋	
desc. node	-3199 Jul 07 j 16:46	12°♋47'12	
evening max el	-3199 Jul 19 j 03:18	26°♋13'08	26°51'54
	-3199 Jul 23 j 12:59	0°♌	
retrograde	-3199 Aug 01 j 05:39	3°♌32'13	
evening set	-3199 Aug 08 j 00:00	0°♌45'48	
	-3199 Aug 08 j 20:55	30°℞♋	
min. Earth dist.	-3199 Aug 11 j 22:26	26°♋46'03	0.65559 AU
inferior conj	-3199 Aug 13 j 18:14	24°♋37'29	-2°-47'-53
minimum elong	-3199 Aug 13 j 21:53	24°♋26'43	2°46'37
morning rise	-3199 Aug 19 j 20:58	18°♋55'13	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3199 Aug 22 j 17:40	18°♋09'50	
asc. node	-3199 Aug 22 j 18:37	18°♋09'51	
morning max el	-3199 Aug 29 j 08:36	21°♋48'05	18°26'07
	-3199 Sep 04 j 18:13	0°♌	
morning set	-3199 Sep 17 j 20:22	20°♌52'54	
	-3199 Sep 23 j 11:21	0°♍	
superior conj	-3199 Oct 03 j 00:11	15°♍12'05	0°04'19
minimum elong	-3199 Oct 03 j 00:44	15°♍14'18	0°04'16
behind sun begin	-3199 Oct 02 j 13:48	14°♍31'05	
behind sun end	-3199 Oct 03 j 11:40	15°♍57'30	
desc. node	-3199 Oct 03 j 16:16	16°♍15'37	
max. Earth dist.	-3199 Oct 04 j 20:51	18°♍08'18	1.44837 AU
	-3199 Oct 12 j 09:56	0°♎	
evening rise	-3199 Oct 19 j 11:47	11°♎07'05	
	-3199 Oct 31 j 14:01	0°♏	
greatest brilliancy	-3199 Nov 01 j 17:09	1°♏42'54	-0.7m
evening max el	-3199 Nov 11 j 15:34	14°♏57'54	19°19'00
retrograde	-3199 Nov 18 j 18:22	19°♏04'02	
asc. node	-3199 Nov 18 j 17:36	19°♏04'02	
evening set	-3199 Nov 22 j 00:45	18°♏01'52	
inferior conj	-3199 Nov 27 j 17:15	12°♏06'51	2°45'12
minimum elong	-3199 Nov 27 j 14:13	12°♏16'32	2°44'13
min. Earth dist.	-3199 Nov 29 j 00:18	10°♏27'32	0.65938 AU
morning rise	-3199 Dec 03 j 02:51	5°♏54'16	
direct	-3199 Dec 09 j 09:25	3°♏10'30	
morning max el	-3199 Dec 21 j 23:29	10°♏34'32	26°10'46
desc. node	-3199 Dec 30 j 15:48	20°♏38'37	
	-3198 Jan 06 j 11:30	0°♐	
	-3198 Jan 24 j 21:42	0°♑	
morning set	-3198 Jan 27 j 02:43	4°♑03'37	
max. Earth dist.	-3198 Jan 31 j 04:34	11°♑49'34	1.35410 AU
superior conj	-3198 Feb 05 j 03:12	21°♑41'02	-1°-26'-8
minimum elong	-3198 Feb 05 j 06:27	21°♑57'39	1°25'49
	-3198 Feb 09 j 04:08	0°♒	
evening rise	-3198 Feb 12 j 22:39	7°♒47'45	
asc. node	-3198 Feb 14 j 16:52	11°♒22'18	
	-3198 Feb 25 j 04:13	0°♓	
evening max el	-3198 Mar 03 j 10:59	7°♓36'16	20°28'45
retrograde	-3198 Mar 14 j 06:49	12°♓45'47	
evening set	-3198 Mar 16 j 13:39	12°♓32'57	
inferior conj	-3198 Mar 25 j 13:40	8°♓34'57	0°50'35
minimum elong	-3198 Mar 25 j 15:55	8°♓31'40	0°49'47
min. Earth dist.	-3198 Mar 27 j 01:37	7°♓42'22	0.55368 AU
desc. node	-3198 Mar 28 j 14:50	6°♓49'36	
morning rise	-3198 Apr 03 j 16:09	4°♓16'23	
direct	-3198 Apr 07 j 05:09	3°♓49'04	
morning max el	-3198 Apr 20 j 15:56	10°♓23'59	23°15'50
	-3198 May 05 j 01:29	0°♈	
morning set	-3198 May 13 j 19:16	16°♈57'29	
asc. node	-3198 May 13 j 16:25	16°♈42'35	
	-3198 May 19 j 22:02	0°♉	
superior conj	-3198 May 20 j 23:21	2°♉15'32	1°09'29
minimum elong	-3198 May 20 j 20:50	2°♉02'02	1°09'09
max. Earth dist.	-3198 May 23 j 08:21	7°♉17'50	1.33807 AU
evening rise	-3198 May 28 j 15:18	18°♉08'06	
	-3198 Jun 03 j 20:58	0°♊	
	-3198 Jun 23 j 04:54	0°♋	
desc. node	-3198 Jun 24 j 13:49	1°♋43'13	
evening max el	-3198 Jul 01 j 14:20	9°♋27'53	27°21'31
retrograde	-3198 Jul 15 j 03:35	16°♋51'24	
evening set	-3198 Jul 22 j 05:59	14°♋07'25	
min. Earth dist.	-3198 Jul 25 j 22:13	10°♋43'46	0.64196 AU
inferior conj	-3198 Jul 28 j 07:48	8°♋09'42	-3°-31'-31
minimum elong	-3198 Jul 28 j 11:46	7°♋59'03	3°30'27

morning rise	-3198 Aug 03 j 19:19	2°♋43'53	
direct	-3198 Aug 06 j 10:51	2°♋08'03	
asc. node	-3198 Aug 09 j 15:43	3°♋00'24	
morning max el	-3198 Aug 12 j 23:16	5°♋35'18	18°01'59
	-3198 Aug 29 j 01:48	0°♌	
morning set	-3198 Aug 30 j 09:34	2°♌15'34	
superior conj	-3198 Sep 12 j 12:57	24°♌12'13	0°49'58
minimum elong	-3198 Sep 12 j 18:04	24°♌33'01	0°49'24
	-3198 Sep 16 j 03:14	0°♍	
max. Earth dist.	-3198 Sep 17 j 13:56	2°♍18'32	1.44257 AU
desc. node	-3198 Sep 20 j 13:16	7°♍01'01	
evening rise	-3198 Sep 28 j 22:37	20°♍05'56	
	-3198 Oct 05 j 09:30	0°♎	
greatest brilliancy	-3198 Oct 19 j 03:31	20°♎12'59	-0.6m
evening max el	-3198 Oct 25 j 19:59	28°♎24'39	20°15'24
	-3198 Oct 27 j 11:43	0°♏	
retrograde	-3198 Nov 02 j 15:41	3°♏00'28	
asc. node	-3198 Nov 05 j 14:41	2°♏09'48	
evening set	-3198 Nov 06 j 06:55	1°♏43'48	
	-3198 Nov 08 j 06:02	30°℞♎	
inferior conj	-3198 Nov 11 j 19:13	25°♎37'00	2°00'47
minimum elong	-3198 Nov 11 j 16:43	25°♎45'23	1°59'49
min. Earth dist.	-3198 Nov 12 j 13:50	24°♎34'32	0.66777 AU
morning rise	-3198 Nov 17 j 01:56	19°♎20'50	
direct	-3198 Nov 22 j 17:56	16°♎52'44	
morning max el	-3198 Dec 04 j 08:10	23°♎46'52	24°53'22
	-3198 Dec 09 j 21:43	0°♏	
desc. node	-3198 Dec 17 j 12:50	9°♏57'45	
	-3198 Dec 30 j 21:20	0°♐	
morning set	-3197 Jan 09 j 10:13	16°♐06'39	
max. Earth dist.	-3197 Jan 13 j 04:11	22°♐53'15	1.37186 AU
	-3197 Jan 16 j 23:06	0°♑	
superior conj	-3197 Jan 19 j 14:53	5°♑08'22	-1°-43'-49
minimum elong	-3197 Jan 19 j 17:52	5°♑22'57	1°43'42
evening rise	-3197 Jan 28 j 00:58	21°♑56'27	
	-3197 Feb 01 j 03:33	0°♒	
asc. node	-3197 Feb 01 j 13:53	0°♒49'05	
evening max el	-3197 Feb 14 j 02:16	19°♒27'12	19°24'00
retrograde	-3197 Feb 23 j 06:10	23°♒48'58	
evening set	-3197 Feb 25 j 13:25	23°♒33'42	
inferior conj	-3197 Mar 05 j 21:26	19°♒26'17	2°28'45
minimum elong	-3197 Mar 06 j 02:18	19°♒18'16	2°27'21
min. Earth dist.	-3197 Mar 08 j 16:33	17°♒36'29	0.56452 AU
morning rise	-3197 Mar 14 j 11:25	14°♒37'45	
desc. node	-3197 Mar 15 j 11:55	14°♒18'25	
direct	-3197 Mar 19 j 04:19	13°♒47'08	
morning max el	-3197 Apr 02 j 06:59	20°♒58'07	24°54'26
	-3197 Apr 10 j 01:40	0°♓	
	-3197 Apr 27 j 08:36	0°♈	
morning set	-3197 Apr 28 j 07:26	1°♈59'11	
asc. node	-3197 Apr 30 j 13:24	6°♈45'57	
superior conj	-3197 May 05 j 08:47	17°♈11'28	0°48'24
minimum elong	-3197 May 05 j 06:49	17°♈00'46	0°48'03
max. Earth dist.	-3197 May 06 j 15:44	19°♈59'06	1.33037 AU
	-3197 May 11 j 08:59	0°♉	
evening rise	-3197 May 12 j 15:34	2°♉37'18	
	-3197 May 27 j 17:30	0°♊	
desc. node	-3197 Jun 11 j 10:53	19°♊43'46	
evening max el	-3197 Jun 13 j 23:03	22°♊16'10	27°21'06
retrograde	-3197 Jun 27 j 19:13	29°♊38'34	
evening set	-3197 Jul 04 j 22:12	27°♊10'45	
min. Earth dist.	-3197 Jul 08 j 12:16	24°♊15'14	0.62481 AU
inferior conj	-3197 Jul 11 j 10:53	21°♊26'38	-4°-5'-21
minimum elong	-3197 Jul 11 j 14:08	21°♊18'51	4°04'47

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-3197 Jul	18 j 08:28	16°♊20'08	
direct	-3197 Jul	20 j 21:07	15°♊51'10	
morning max el	-3197 Jul	27 j 14:03	19°♊15'56	17°55'55
asc. node	-3197 Jul	27 j 12:46	19°♊12'47	
	-3197 Aug	04 j 10:55	0°♋	
morning set	-3197 Aug	12 j 20:52	14°♋41'26	
	-3197 Aug	21 j 12:55	0°♌	
superior conj	-3197 Aug	24 j 03:50	4°♌29'42	1°23'12
minimum elong	-3197 Aug	24 j 09:05	4°♌51'58	1°22'48
max. Earth dist.	-3197 Aug	31 j 03:14	16°♌06'00	1.43038 AU
desc. node	-3197 Sep	07 j 10:15	27°♌44'18	
evening rise	-3197 Sep	08 j 03:37	28°♌52'08	
	-3197 Sep	08 j 21:02	0°♍	
	-3197 Sep	29 j 03:56	0°♎	
greatest brilliancy	-3197 Oct	03 j 15:29	5°♎55'38	-0.4m
evening max el	-3197 Oct	08 j 18:28	11°♎50'58	21°24'27
retrograde	-3197 Oct	17 j 12:22	17°♎02'15	
evening set	-3197 Oct	21 j 14:44	15°♎28'29	
asc. node	-3197 Oct	23 j 11:46	13°♎43'11	
inferior conj	-3197 Oct	27 j 00:26	9°♎13'21	1°11'27
minimum elong	-3197 Oct	26 j 22:51	9°♎18'49	1°10'47
min. Earth dist.	-3197 Oct	27 j 07:54	8°♎47'39	0.67283 AU
morning rise	-3197 Nov	01 j 06:37	2°♎56'26	
direct	-3197 Nov	06 j 07:16	0°♎48'58	
morning max el	-3197 Nov	16 j 17:10	7°♎01'47	23°27'23
greatest brilliancy	-3197 Nov	22 j 14:59	13°♎44'40	-0.2m
desc. node	-3197 Dec	04 j 09:51	29°♎46'50	
	-3197 Dec	04 j 13:28	0°♏	
morning set	-3197 Dec	21 j 16:59	26°♏53'20	
	-3197 Dec	23 j 13:00	0°♐	
max. Earth dist.	-3197 Dec	25 j 23:28	4°♐12'35	1.39235 AU
superior conj	-3196 Jan	02 j 12:41	17°♐50'38	-1°-54'-34
minimum elong	-3196 Jan	02 j 14:07	17°♐57'19	1°54'39
	-3196 Jan	08 j 21:58	0°♑	
evening rise	-3196 Jan	11 j 19:32	5°♑36'46	
asc. node	-3196 Jan	19 j 10:54	19°♑49'49	
	-3196 Jan	26 j 08:54	0°♒	
evening max el	-3196 Jan	28 j 02:59	1°♒51'42	18°38'49
retrograde	-3196 Feb	04 j 23:16	5°♒40'20	
evening set	-3196 Feb	07 j 09:47	5°♒19'37	
inferior conj	-3196 Feb	15 j 00:42	0°♒53'14	3°30'52
minimum elong	-3196 Feb	15 j 04:26	0°♒46'04	3°30'09
	-3196 Feb	16 j 04:23	30°℞♑	
min. Earth dist.	-3196 Feb	18 j 09:26	28°♑20'10	0.58170 AU
morning rise	-3196 Feb	22 j 19:24	25°♑36'52	
direct	-3196 Feb	28 j 16:32	24°♑10'44	
desc. node	-3196 Mar	01 j 08:59	24°♑17'48	
	-3196 Mar	12 j 03:18	0°♒	
morning max el	-3196 Mar	13 j 23:09	1°♒41'01	26°20'19
	-3196 Apr	03 j 02:25	0°♓	
morning set	-3196 Apr	11 j 18:49	16°♓58'42	
asc. node	-3196 Apr	16 j 10:24	26°♓56'41	
	-3196 Apr	17 j 19:57	0°♈	
superior conj	-3196 Apr	18 j 20:11	2°♈12'41	0°25'01
minimum elong	-3196 Apr	18 j 19:06	2°♈06'43	0°24'48
max. Earth dist.	-3196 Apr	19 j 04:02	2°♈55'38	1.32615 AU
evening rise	-3196 Apr	25 j 21:48	17°♈24'12	
	-3196 May	02 j 06:15	0°♉	
	-3196 May	21 j 21:49	0°♊	
evening max el	-3196 May	26 j 02:58	4°♊26'57	26°47'46
desc. node	-3196 May	28 j 07:55	6°♊25'47	
retrograde	-3196 Jun	09 j 03:14	11°♊45'55	
evening set	-3196 Jun	15 j 20:28	9°♊47'45	
min. Earth dist.	-3196 Jun	19 j 16:28	7°♊06'45	0.60511 AU
inferior conj	-3196 Jun	23 j 00:06	4°♊20'26	-4°-23'-18
minimum elong	-3196 Jun	23 j 01:08	4°♊18'14	4°23'11
	-3196 Jun	29 j 07:08	30°℞♉	
morning rise	-3196 Jun	30 j 08:59	29°♉35'39	
direct	-3196 Jul	02 j 20:37	29°♉11'43	
	-3196 Jul	06 j 07:15	0°♊	
morning max el	-3196 Jul	10 j 02:12	2°♊43'38	18°08'55
asc. node	-3196 Jul	13 j 09:49	6°♊31'59	
morning set	-3196 Jul	26 j 00:48	27°♊56'20	
	-3196 Jul	27 j 03:14	0°♋	
superior conj	-3196 Aug	04 j 21:29	16°♋07'07	1°42'10
minimum elong	-3196 Aug	05 j 00:24	16°♋20'13	1°42'06
max. Earth dist.	-3196 Aug	12 j 11:19	29°♋17'22	1.41346 AU
	-3196 Aug	12 j 21:26	0°♌	
evening rise	-3196 Aug	17 j 22:18	8°♌17'57	
desc. node	-3196 Aug	24 j 07:14	18°♌22'08	
	-3196 Sep	01 j 00:45	0°♍	
greatest brilliancy	-3196 Sep	15 j 14:55	19°♍51'53	-0.3m
evening max el	-3196 Sep	20 j 11:08	25°♍17'23	22°42'05
	-3196 Sep	26 j 08:31	0°♎	
retrograde	-3196 Sep	30 j 06:54	1°♎07'04	
	-3196 Oct	03 j 21:20	30°℞♍	
evening set	-3196 Oct	04 j 22:28	29°♍14'14	
asc. node	-3196 Oct	09 j 08:52	24°♍10'29	
inferior conj	-3196 Oct	10 j 07:04	22°♍54'11	0°19'04
minimum elong	-3196 Oct	10 j 06:37	22°♍55'44	0°18'53
min. Earth dist.	-3196 Oct	10 j 04:07	23°♍04'21	0.67474 AU
morning rise	-3196 Oct	15 j 14:43	16°♍39'21	
direct	-3196 Oct	20 j 00:33	14°♍54'00	
morning max el	-3196 Oct	29 j 05:51	20°♍21'55	22°01'57
greatest brilliancy	-3196 Nov	03 j 00:48	25°♍47'56	-0.4m
	-3196 Nov	06 j 07:34	0°♎	
desc. node	-3196 Nov	20 j 06:51	19°♎57'16	
	-3196 Nov	26 j 19:56	0°♏	
morning set	-3196 Nov	30 j 18:57	6°♏16'17	
max. Earth dist.	-3196 Dec	06 j 22:39	16°♏20'38	1.41288 AU
superior conj	-3196 Dec	14 j 15:25	29°♏34'28	-1°-54'-56
minimum elong	-3196 Dec	14 j 13:44	29°♏27'01	1°55'01
	-3196 Dec	14 j 21:11	0°♐	
evening rise	-3196 Dec	25 j 03:11	18°♐41'25	
	-3196 Dec	31 j 07:43	0°♑	
asc. node	-3195 Jan	05 j 07:56	8°♑16'01	
evening max el	-3195 Jan	10 j 10:30	14°♑41'56	18°13'40
retrograde	-3195 Jan	17 j 10:40	18°♑13'20	
evening set	-3195 Jan	20 j 00:11	17°♑45'53	
inferior conj	-3195 Jan	27 j 00:15	12°♑57'29	3°57'52
minimum elong	-3195 Jan	27 j 01:20	12°♑55'05	3°57'43
min. Earth dist.	-3195 Jan	30 j 07:16	10°♑03'12	0.60178 AU
morning rise	-3195 Feb	02 j 23:33	7°♑20'11	
direct	-3195 Feb	09 j 16:13	5°♑16'00	
desc. node	-3195 Feb	16 j 06:05	7°♑05'26	
morning max el	-3195 Feb	23 j 21:00	12°♑56'23	27°19'21
	-3195 Mar	09 j 10:22	0°♒	
	-3195 Mar	26 j 06:29	0°♓	
morning set	-3195 Mar	27 j 03:33	1°♓48'29	
max. Earth dist.	-3195 Apr	02 j 17:23	15°♓53'08	1.32534 AU
superior conj	-3195 Apr	03 j 07:49	17°♓12'00	0°00'11
minimum elong	-3195 Apr	03 j 07:48	17°♓11'58	0°00'09
behind sun begin	-3195 Apr	03 j 02:48	16°♓44'35	
behind sun end	-3195 Apr	03 j 12:48	17°♓39'20	
asc. node	-3195 Apr	03 j 07:23	17°♓09'37	
	-3195 Apr	09 j 05:17	0°♈	
evening rise	-3195 Apr	10 j 07:38	2°♈19'22	
	-3195 Apr	25 j 09:23	0°♉	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3195 May 08 j 00:16	15°♉53'30	25°43'44
desc. node	-3195 May 15 j 04:59	21°♉16'38	
retrograde	-3195 May 22 j 02:04	23°♉07'09	
evening set	-3195 May 27 j 21:09	21°♉46'49	
min. Earth dist.	-3195 Jun 01 j 12:33	19°♉03'09	0.58472 AU
inferior conj	-3195 Jun 04 j 19:41	16°♉40'11	-4°-16'-23
minimum elong	-3195 Jun 04 j 17:09	16°♉44'47	4°16'06
morning rise	-3195 Jun 12 j 17:04	12°♉17'49	
direct	-3195 Jun 15 j 04:44	11°♉57'53	
morning max el	-3195 Jun 23 j 08:49	15°♉49'15	18°41'58
asc. node	-3195 Jun 30 j 06:52	24°♉42'42	
	-3195 Jul 03 j 10:09	0°♊	
morning set	-3195 Jul 09 j 16:46	11°♊47'51	
superior conj	-3195 Jul 18 j 12:44	28°♊50'13	1°48'48
minimum elong	-3195 Jul 18 j 13:08	28°♊52'05	1°48'54
	-3195 Jul 19 j 03:36	0°♋	
max. Earth dist.	-3195 Jul 25 j 14:28	11°♋45'00	1.39400 AU
evening rise	-3195 Jul 29 j 17:42	18°♋54'31	
	-3195 Aug 05 j 11:35	0°♌	
desc. node	-3195 Aug 11 j 04:13	8°♌50'22	
	-3195 Aug 26 j 07:42	0°♍	
evening max el	-3195 Sep 02 j 23:34	8°♍45'27	24°02'44
retrograde	-3195 Sep 13 j 22:11	15°♍11'54	
evening set	-3195 Sep 19 j 04:21	12°♍59'32	
min. Earth dist.	-3195 Sep 24 j 00:07	7°♍23'08	0.67358 AU
inferior conj	-3195 Sep 24 j 13:24	6°♍38'08	0°-34'-44
minimum elong	-3195 Sep 24 j 14:13	6°♍35'20	0°34'21
asc. node	-3195 Sep 26 j 05:59	4°♍23'21	
morning rise	-3195 Sep 30 j 00:18	0°♍28'18	
	-3195 Sep 30 j 17:12	30°℞♌	
direct	-3195 Oct 03 j 20:52	29°♌03'42	
	-3195 Oct 07 j 05:37	0°♍	
morning max el	-3195 Oct 12 j 01:05	3°♍50'43	20°44'06
greatest brilliancy	-3195 Oct 18 j 01:37	10°♍59'18	-0.5m
	-3195 Oct 31 j 08:09	0°♎	
desc. node	-3195 Nov 07 j 03:51	10°♎22'41	
morning set	-3195 Nov 09 j 21:43	14°♎37'35	
max. Earth dist.	-3195 Nov 19 j 05:00	29°♎22'29	1.43045 AU
	-3195 Nov 19 j 14:16	0°♏	
superior conj	-3195 Nov 25 j 17:27	10°♏06'26	-1°-40'-58
minimum elong	-3195 Nov 25 j 11:50	9°♏42'54	1°40'39
	-3195 Dec 07 j 05:54	0°♐	
evening rise	-3195 Dec 07 j 19:59	1°♐02'19	
asc. node	-3195 Dec 23 j 05:01	25°♐57'18	
evening max el	-3195 Dec 24 j 22:01	27°♐50'20	18°08'18
	-3195 Dec 27 j 12:42	0°♑	
retrograde	-3195 Dec 31 j 12:29	1°♑18'03	
evening set	-3194 Jan 03 j 05:03	0°♑42'59	
	-3194 Jan 04 j 13:51	30°℞♐	
inferior conj	-3194 Jan 09 j 17:13	25°♐33'08	3°57'58
minimum elong	-3194 Jan 09 j 15:57	25°♐36'19	3°57'47
min. Earth dist.	-3194 Jan 12 j 13:25	22°♐41'00	0.62160 AU
morning rise	-3194 Jan 16 j 00:44	19°♐41'18	
direct	-3194 Jan 23 j 01:34	17°♐07'23	
desc. node	-3194 Feb 03 j 03:10	22°♐13'33	
morning max el	-3194 Feb 06 j 01:09	24°♐53'10	27°43'14
	-3194 Feb 10 j 18:13	0°♑	
	-3194 Mar 02 j 18:29	0°♒	
morning set	-3194 Mar 11 j 07:36	16°♒21'33	
max. Earth dist.	-3194 Mar 17 j 03:50	28°♒37'22	1.32810 AU
	-3194 Mar 17 j 19:09	0°♓	
superior conj	-3194 Mar 18 j 18:04	2°♓04'01	0°-25'-14
minimum elong	-3194 Mar 18 j 19:13	2°♓10'14	0°25'04
asc. node	-3194 Mar 21 j 04:23	7°♓20'57	
evening rise	-3194 Mar 25 j 19:10	17°♓16'07	
	-3194 Apr 01 j 03:26	0°♈	
evening max el	-3194 Apr 19 j 16:29	26°♈45'03	24°17'45
	-3194 Apr 23 j 12:57	0°♉	
desc. node	-3194 May 02 j 02:04	3°♉39'34	
retrograde	-3194 May 03 j 13:46	3°♉44'40	
evening set	-3194 May 08 j 01:04	2°♉59'51	
min. Earth dist.	-3194 May 14 j 04:11	29°♈57'56	0.56674 AU
	-3194 May 14 j 02:50	30°℞♈	
inferior conj	-3194 May 16 j 19:12	28°♈18'27	-3°-33'-48
minimum elong	-3194 May 16 j 13:27	28°♈27'36	3°32'34
morning rise	-3194 May 25 j 05:53	24°♈14'32	
direct	-3194 May 27 j 17:52	23°♈57'43	
morning max el	-3194 Jun 06 j 07:06	28°♈23'31	19°35'35
	-3194 Jun 07 j 21:30	0°♉	
asc. node	-3194 Jun 17 j 03:54	13°♉32'51	
morning set	-3194 Jun 23 j 17:18	26°♉06'54	
	-3194 Jun 25 j 15:40	0°♊	
superior conj	-3194 Jul 01 j 19:56	12°♊22'43	1°45'50
minimum elong	-3194 Jul 01 j 18:31	12°♊15'41	1°45'52
max. Earth dist.	-3194 Jul 07 j 16:42	23°♊38'17	1.37468 AU
	-3194 Jul 11 j 04:11	0°♋	
evening rise	-3194 Jul 11 j 14:20	0°♋45'23	
desc. node	-3194 Jul 29 j 01:13	29°♋03'41	
	-3194 Jul 29 j 16:40	0°♌	
evening max el	-3194 Aug 16 j 10:20	22°♌16'29	25°19'17
retrograde	-3194 Aug 28 j 09:22	29°♌12'06	
evening set	-3194 Sep 03 j 06:34	26°♌42'14	
min. Earth dist.	-3194 Sep 07 j 17:30	21°♌41'52	0.66927 AU
inferior conj	-3194 Sep 08 j 17:40	20°♌23'03	-1°-28'-20
minimum elong	-3194 Sep 08 j 19:45	20°♌16'14	1°27'26
asc. node	-3194 Sep 13 j 03:06	15°♌19'44	
morning rise	-3194 Sep 14 j 09:29	14°♌21'12	
direct	-3194 Sep 17 j 18:54	13°♌14'32	
morning max el	-3194 Sep 25 j 03:36	17°♌28'10	19°38'25
greatest brilliancy	-3194 Oct 03 j 15:56	28°♌18'29	-0.7m
	-3194 Oct 04 j 19:59	0°♍	
morning set	-3194 Oct 19 j 21:09	22°♍56'21	
	-3194 Oct 24 j 09:58	0°♎	
desc. node	-3194 Oct 25 j 00:49	0°♎57'57	
max. Earth dist.	-3194 Nov 01 j 17:40	13°♎05'19	1.44282 AU
superior conj	-3194 Nov 05 j 16:01	19°♎21'47	-1°-9'-57
minimum elong	-3194 Nov 05 j 08:49	18°♎52'55	1°09'11
	-3194 Nov 12 j 05:14	0°♏	
evening rise	-3194 Nov 19 j 17:17	12°♏29'13	
	-3194 Nov 30 j 06:06	0°♐	
evening max el	-3194 Dec 08 j 10:40	11°♐09'22	18°21'55
asc. node	-3194 Dec 10 j 02:07	12°♐39'52	
retrograde	-3194 Dec 15 j 00:05	14°♐44'28	
evening set	-3194 Dec 17 j 20:43	14°♐00'26	
inferior conj	-3194 Dec 23 j 23:34	8°♐31'04	3°39'15
minimum elong	-3194 Dec 23 j 20:56	8°♐38'30	3°38'43
min. Earth dist.	-3194 Dec 26 j 05:20	5°♐59'29	0.63906 AU
morning rise	-3194 Dec 29 j 19:40	2°♐29'06	
	-3193 Jan 03 j 08:20	30°℞♏	
direct	-3193 Jan 05 j 18:43	29°♏40'01	
	-3193 Jan 08 j 07:29	0°♐	
morning max el	-3193 Jan 19 j 09:19	7°♐25'02	27°31'01
desc. node	-3193 Jan 21 j 00:14	9°♐04'55	
	-3193 Feb 05 j 20:25	0°♑	
	-3193 Feb 22 j 22:35	0°♒	
morning set	-3193 Feb 23 j 04:24	0°♒28'45	
max. Earth dist.	-3193 Feb 28 j 07:21	10°♒54'56	1.33476 AU
superior conj	-3193 Mar 03 j 01:08	16°♒42'23	0°-50'-20

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3193 Mar 03 j 03:22	16°♒54'16	0°50'00
asc. node	-3193 Mar 08 j 01:26	27°♒26'24	
	-3193 Mar 09 j 06:20	0°♓	
evening rise	-3193 Mar 10 j 06:36	2°♓07'54	
	-3193 Mar 25 j 23:15	0°♈	
evening max el	-3193 Apr 01 j 09:01	7°♈26'20	22°43'25
retrograde	-3193 Apr 14 j 12:48	13°♈53'50	
evening set	-3193 Apr 17 j 17:23	13°♈31'34	
desc. node	-3193 Apr 18 j 23:09	13°♈11'31	
min. Earth dist.	-3193 Apr 25 j 18:24	9°♈59'48	0.55472 AU
inferior conj	-3193 Apr 27 j 00:22	9°♈16'45	-2°-9'-54
minimum elong	-3193 Apr 26 j 18:57	9°♈24'33	2°08'14
morning rise	-3193 May 05 j 22:59	5°♈20'23	
direct	-3193 May 08 j 13:49	5°♈04'20	
morning max el	-3193 May 19 j 18:57	10°♈18'29	20°49'05
	-3193 Jun 02 j 12:33	0°♉	
asc. node	-3193 Jun 04 j 00:57	2°♉53'02	
morning set	-3193 Jun 07 j 23:44	10°♉46'37	
superior conj	-3193 Jun 15 j 14:30	26°♉31'29	1°35'41
minimum elong	-3193 Jun 15 j 12:06	26°♉19'11	1°35'33
	-3193 Jun 17 j 07:31	0°♊	
max. Earth dist.	-3193 Jun 20 j 00:48	5°♊25'35	1.35769 AU
evening rise	-3193 Jun 24 j 07:39	13°♊39'14	
	-3193 Jul 03 j 13:44	0°♋	
desc. node	-3193 Jul 15 j 22:15	18°♋55'22	
	-3193 Jul 24 j 12:05	0°♌	
evening max el	-3193 Jul 29 j 21:34	5°♌49'05	26°23'40
retrograde	-3193 Aug 11 j 15:46	13°♌02'29	
evening set	-3193 Aug 18 j 03:01	10°♌20'06	
min. Earth dist.	-3193 Aug 22 j 05:51	5°♌57'53	0.66159 AU
inferior conj	-3193 Aug 23 j 18:01	4°♌06'48	-2°-19'-54
minimum elong	-3193 Aug 23 j 21:13	3°♌56'59	2°18'42
	-3193 Aug 27 j 09:57	30°℞♋	
morning rise	-3193 Aug 29 j 16:19	28°♋16'11	
asc. node	-3193 Aug 31 j 00:11	27°♋40'25	
direct	-3193 Sep 01 j 16:59	27°♋23'56	
	-3193 Sep 07 j 05:49	0°♌	
morning max el	-3193 Sep 08 j 12:30	1°♌12'47	18°47'47
	-3193 Sep 28 j 05:41	0°♍	
morning set	-3193 Sep 29 j 15:38	2°♍15'13	
desc. node	-3193 Oct 11 j 21:49	21°♍39'51	
superior conj	-3193 Oct 15 j 18:36	27°♍45'16	0°-24'-30
minimum elong	-3193 Oct 15 j 15:23	27°♍32'35	0°24'06
max. Earth dist.	-3193 Oct 15 j 10:48	27°♍14'34	1.44851 AU
	-3193 Oct 17 j 04:48	0°♎	
evening rise	-3193 Oct 31 j 15:00	22°♎55'14	
	-3193 Nov 05 j 00:42	0°♏	
evening max el	-3193 Nov 21 j 21:53	24°♏34'19	18°53'23
asc. node	-3193 Nov 26 j 23:12	28°♏08'50	
retrograde	-3193 Nov 28 j 17:44	28°♏26'16	
evening set	-3193 Dec 01 j 20:02	27°♏31'20	
inferior conj	-3193 Dec 07 j 15:47	21°♏44'57	3°07'37
minimum elong	-3193 Dec 07 j 12:41	21°♏54'27	3°06'45
min. Earth dist.	-3193 Dec 09 j 06:48	19°♏45'02	0.65311 AU
morning rise	-3193 Dec 13 j 04:19	15°♏35'44	
direct	-3193 Dec 19 j 18:22	12°♏46'28	
morning max el	-3192 Jan 01 j 18:52	20°♏21'03	26°47'10
desc. node	-3192 Jan 07 j 21:18	27°♏09'48	
	-3192 Jan 10 j 03:35	0°♐	
	-3192 Jan 29 j 22:10	0°♑	
morning set	-3192 Feb 06 j 14:32	13°♑59'04	
max. Earth dist.	-3192 Feb 11 j 00:32	22°♑37'49	1.34578 AU
	-3192 Feb 14 j 15:18	0°♒	
superior conj	-3192 Feb 15 j 02:55	1°♒00'07	-1°-13'-53

minimum elong	-3192 Feb 15 j 05:57	1°♒15'53	1°13'31
evening rise	-3192 Feb 22 j 16:06	16°♒48'27	
asc. node	-3192 Feb 22 j 22:28	17°♒21'19	
	-3192 Feb 29 j 08:48	0°♓	
evening max el	-3192 Mar 13 j 08:02	18°♓23'48	21°14'01
retrograde	-3192 Mar 25 j 02:38	24°♓02'49	
evening set	-3192 Mar 27 j 13:27	23°♓49'01	
desc. node	-3192 Apr 04 j 20:16	20°♓23'12	
inferior conj	-3192 Apr 05 j 19:44	19°♓50'11	0°-16'-23
minimum elong	-3192 Apr 05 j 18:58	19°♓51'17	0°16'09
min. Earth dist.	-3192 Apr 06 j 08:16	19°♓32'30	0.55137 AU
morning rise	-3192 Apr 15 j 00:02	15°♓44'57	
direct	-3192 Apr 18 j 01:50	15°♓24'18	
morning max el	-3192 Apr 30 j 19:57	21°♓31'20	22°19'18
	-3192 May 08 j 01:09	0°♈	
asc. node	-3192 May 20 j 21:58	22°♈34'55	
morning set	-3192 May 22 j 09:50	25°♈39'48	
	-3192 May 24 j 11:26	0°♉	
superior conj	-3192 May 29 j 16:50	11°♉04'58	1°20'14
minimum elong	-3192 May 29 j 14:11	10°♉51'00	1°19'56
max. Earth dist.	-3192 Jun 01 j 18:40	17°♉30'06	1.34418 AU
evening rise	-3192 Jun 06 j 16:16	27°♉20'03	
	-3192 Jun 08 j 01:24	0°♊	
	-3192 Jun 25 j 20:17	0°♋	
desc. node	-3192 Jul 01 j 19:18	8°♋15'10	
evening max el	-3192 Jul 11 j 09:11	19°♋13'54	27°07'58
retrograde	-3192 Jul 24 j 16:39	26°♋35'00	
evening set	-3192 Jul 31 j 15:06	23°♋48'28	
min. Earth dist.	-3192 Aug 04 j 10:45	20°♋04'25	0.65024 AU
inferior conj	-3192 Aug 06 j 12:13	17°♋44'26	-3°-7'-17
minimum elong	-3192 Aug 06 j 16:07	17°♋33'24	3°06'05
morning rise	-3192 Aug 12 j 18:30	12°♋08'30	
direct	-3192 Aug 15 j 12:47	11°♋27'23	
asc. node	-3192 Aug 16 j 21:15	11°♋37'13	
morning max el	-3192 Aug 22 j 01:43	14°♋59'51	18°13'42
	-3192 Sep 01 j 18:14	0°♌	
morning set	-3192 Sep 09 j 13:40	12°♌54'35	
	-3192 Sep 20 j 00:00	0°♍	
superior conj	-3192 Sep 23 j 21:13	6°♍13'33	0°24'48
minimum elong	-3192 Sep 24 j 00:14	6°♍25'35	0°24'26
max. Earth dist.	-3192 Sep 27 j 05:16	11°♍31'13	1.44682 AU
desc. node	-3192 Sep 27 j 18:48	12°♍24'42	
	-3192 Oct 09 j 00:23	0°♎	
evening rise	-3192 Oct 10 j 12:36	2°♎20'53	
greatest brilliancy	-3192 Oct 27 j 01:54	27°♎35'46	-0.7m
	-3192 Oct 28 j 18:33	0°♏	
evening max el	-3192 Nov 04 j 05:21	8°♏01'23	19°41'16
retrograde	-3192 Nov 11 j 14:24	12°♏18'49	
asc. node	-3192 Nov 12 j 20:16	12°♏09'52	
evening set	-3192 Nov 15 j 00:23	11°♏10'38	
inferior conj	-3192 Nov 20 j 14:53	5°♏10'14	2°27'05
minimum elong	-3192 Nov 20 j 12:02	5°♏19'36	2°26'04
min. Earth dist.	-3192 Nov 21 j 16:25	3°♏46'44	0.66344 AU
	-3192 Nov 24 j 20:27	30°℞♎	
morning rise	-3192 Nov 25 j 23:00	28°♎56'06	
direct	-3192 Dec 01 j 23:39	26°♎18'15	
	-3192 Dec 10 j 07:03	0°♏	
morning max el	-3192 Dec 14 j 04:01	3°♏30'19	25°39'33
desc. node	-3192 Dec 24 j 18:21	16°♏06'43	
	-3191 Jan 03 j 10:46	0°♐	
morning set	-3191 Jan 19 j 09:26	26°♐39'07	
	-3191 Jan 21 j 05:01	0°♑	
max. Earth dist.	-3191 Jan 23 j 06:17	3°♑51'51	1.36125 AU
superior conj	-3191 Jan 28 j 20:44	14°♑49'18	-1°-34'-18

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3191	Jan	29 j	00:01	15°♉05'40	1°34'03	superior conj	-3190	Jan	12 j	03:05	27°♐59'05	-1°-49'-25
	-3191	Feb	05 j	07:40	0°♒		minimum elong	-3190	Jan	12 j	05:35	28°♐11'07	1°49'23
evening rise	-3191	Feb	05 j	21:45	1°♒11'37			-3190	Jan	13 j	04:11	0°♉	
asc. node	-3191	Feb	08 j	19:29	7°♒00'43		evening rise	-3190	Jan	20 j	21:09	15°♉09'42	
evening max el	-3191	Feb	23 j	17:10	29°♒54'13	19°58'50	asc. node	-3190	Jan	26 j	16:31	26°♉17'47	
	-3191	Feb	23 j	19:37	0°♓			-3190	Jan	28 j	18:37	0°♒	
retrograde	-3191	Mar	05 j	19:14	4°♓42'02		evening max el	-3190	Feb	06 j	12:38	11°♒59'58	19°02'15
evening set	-3191	Mar	08 j	01:42	4°♓28'33		retrograde	-3190	Feb	15 j	01:59	16°♒06'11	
inferior conj	-3191	Mar	16 j	19:22	0°♓27'52	1°36'04	evening set	-3190	Feb	17 j	10:25	15°♒48'55	
minimum elong	-3191	Mar	16 j	23:14	0°♓21'58	1°34'47	inferior conj	-3190	Feb	25 j	10:59	11°♒33'52	2°59'44
	-3191	Mar	17 j	13:35	30°℞♒		minimum elong	-3190	Feb	25 j	15:44	11°♒25'32	2°58'34
min. Earth dist.	-3191	Mar	18 j	22:23	29°♒10'15	0.55736 AU	min. Earth dist.	-3190	Feb	28 j	13:52	9°♒23'29	0.57125 AU
desc. node	-3191	Mar	22 j	17:21	27°♒06'46		morning rise	-3190	Mar	05 j	17:10	6°♒32'30	
morning rise	-3191	Mar	25 j	17:53	25°♒57'31		desc. node	-3190	Mar	09 j	14:26	5°♒32'26	
direct	-3191	Mar	29 j	18:01	25°♒22'10		direct	-3190	Mar	10 j	22:21	5°♒28'11	
	-3191	Apr	10 j	00:01	0°♓		morning max el	-3190	Mar	25 j	04:11	12°♒49'06	25°33'26
morning max el	-3191	Apr	12 j	13:08	2°♓13'43	23°58'23		-3190	Apr	07 j	13:22	0°♓	
	-3191	May	01 j	14:33	0°♈		morning set	-3190	Apr	21 j	09:49	25°♓42'27	
morning set	-3191	May	06 j	21:46	10°♈40'40			-3190	Apr	23 j	10:20	0°♈	
asc. node	-3191	May	07 j	18:59	12°♈32'28		asc. node	-3190	Apr	24 j	15:59	2°♈39'43	
superior conj	-3191	May	14 j	00:19	25°♈55'08	1°00'52	superior conj	-3190	Apr	28 j	10:48	10°♈54'10	0°38'43
minimum elong	-3191	May	13 j	21:59	25°♈42'32	1°00'31	minimum elong	-3190	Apr	28 j	09:11	10°♈45'17	0°38'24
	-3191	May	15 j	22:00	0°♉		max. Earth dist.	-3190	Apr	29 j	07:50	12°♈48'44	1.32816 AU
max. Earth dist.	-3191	May	15 j	21:56	29°♈59'39	1.33440 AU	evening rise	-3190	May	05 j	14:57	26°♈12'33	
evening rise	-3191	May	21 j	11:50	11°♉34'56			-3190	May	07 j	11:41	0°♉	
	-3191	May	31 j	07:48	0°♊			-3190	May	24 j	20:17	0°♊	
desc. node	-3191	Jun	18 j	16:19	26°♊49'46		desc. node	-3190	Jun	05 j	13:21	14°♊20'10	
	-3191	Jun	21 j	12:31	0°♋		evening max el	-3190	Jun	06 j	02:15	14°♊51'24	27°10'49
evening max el	-3191	Jun	23 j	19:32	2°♋18'49	27°25'12	retrograde	-3190	Jun	20 j	00:21	22°♊13'04	
retrograde	-3191	Jul	07 j	11:42	9°♋41'35		evening set	-3190	Jun	27 j	00:46	19°♊55'58	
evening set	-3191	Jul	14 j	15:39	7°♋02'38		min. Earth dist.	-3190	Jun	30 j	15:51	17°♊08'57	0.61665 AU
min. Earth dist.	-3191	Jul	18 j	06:18	3°♋52'28	0.63512 AU	inferior conj	-3190	Jul	03 j	19:16	14°♊18'36	-4°-15'-25
inferior conj	-3191	Jul	20 j	21:41	1°♋10'41	-3°-47'-22	minimum elong	-3190	Jul	03 j	21:47	14°♊12'54	4°15'04
minimum elong	-3191	Jul	21 j	01:30	1°♋00'54	3°46'30	morning rise	-3190	Jul	10 j	21:34	9°♊21'31	
	-3191	Jul	22 j	01:40	30°℞♊		direct	-3190	Jul	13 j	09:34	8°♊54'57	
morning rise	-3191	Jul	27 j	13:20	25°♊52'49		morning max el	-3190	Jul	20 j	06:50	12°♊21'16	17°59'07
direct	-3191	Jul	30 j	03:30	25°♊20'03		asc. node	-3190	Jul	21 j	15:22	13°♊46'59	
asc. node	-3191	Aug	03 j	18:19	27°♊04'10			-3190	Aug	01 j	03:41	0°♋	
morning max el	-3191	Aug	05 j	16:44	28°♊44'45	17°57'11	morning set	-3190	Aug	05 j	07:52	7°♋33'57	
	-3191	Aug	06 j	21:04	0°♋								
morning set	-3191	Aug	22 j	12:53	24°♋45'46		superior conj	-3190	Aug	15 j	23:00	26°♋37'10	1°32'56
	-3191	Aug	25 j	13:15	0°♌		minimum elong	-3190	Aug	16 j	03:23	26°♋56'14	1°32'40
								-3190	Aug	17 j	22:01	0°♌	
superior conj	-3191	Sep	03 j	20:15	15°♌44'00	1°05'51	max. Earth dist.	-3190	Aug	23 j	08:27	9°♌08'19	1.42355 AU
minimum elong	-3191	Sep	04 j	01:54	16°♌07'21	1°05'17	evening rise	-3190	Aug	30 j	03:09	20°♌04'54	
max. Earth dist.	-3191	Sep	09 j	21:28	25°♌35'19	1.43808 AU	desc. node	-3190	Sep	01 j	12:43	23°♌50'47	
	-3191	Sep	12 j	15:49	0°♍			-3190	Sep	05 j	12:31	0°♍	
desc. node	-3191	Sep	14 j	15:45	3°♍09'20		greatest brilliancy	-3190	Sep	26 j	07:44	29°♍26'09	-0.4m
evening rise	-3191	Sep	19 j	18:32	11°♍08'00			-3190	Sep	26 j	18:47	0°♎	
	-3191	Oct	02 j	05:22	0°♎		evening max el	-3190	Oct	01 j	03:01	4°♎53'36	21°56'44
greatest brilliancy	-3191	Oct	12 j	09:34	14°♎25'11	-0.5m	retrograde	-3190	Oct	10 j	07:48	10°♎21'48	
evening max el	-3191	Oct	18 j	07:16	21°♎27'46	20°43'25	evening set	-3190	Oct	14 j	15:30	8°♎40'06	
retrograde	-3191	Oct	26 j	11:43	26°♎18'09		asc. node	-3190	Oct	17 j	14:25	5°♎36'08	
evening set	-3191	Oct	30 j	07:30	24°♎54'17		inferior conj	-3190	Oct	20 j	00:31	2°♎22'11	0°49'31
asc. node	-3191	Oct	30 j	17:20	24°♎35'14		minimum elong	-3190	Oct	19 j	23:23	2°♎26'05	0°49'03
inferior conj	-3191	Nov	04 j	18:28	18°♎43'17	1°40'21	min. Earth dist.	-3190	Oct	20 j	03:28	2°♎11'58	0.67391 AU
minimum elong	-3191	Nov	04 j	16:19	18°♎50'37	1°39'29		-3190	Oct	21 j	18:19	30°℞♍	
min. Earth dist.	-3191	Nov	05 j	08:06	17°♎56'53	0.67027 AU	morning rise	-3190	Oct	25 j	07:04	26°♍05'37	
morning rise	-3191	Nov	10 j	00:42	12°♎26'35		direct	-3190	Oct	30 j	01:10	24°♍07'42	
direct	-3191	Nov	15 j	10:04	10°♎07'12			-3190	Nov	08 j	22:10	0°♎	
morning max el	-3191	Nov	26 j	12:43	16°♎44'38	24°17'26	morning max el	-3190	Nov	08 j	23:00	0°♎02'08	22°50'36
	-3191	Dec	07 j	13:08	0°♏		greatest brilliancy	-3190	Nov	13 j	17:42	5°♎24'08	-0.3m
desc. node	-3191	Dec	11 j	15:22	5°♏39'55		desc. node	-3190	Nov	28 j	12:22	25°♎39'08	
	-3191	Dec	27 j	11:04	0°♐			-3190	Dec	01 j	10:08	0°♏	
morning set	-3190	Jan	01 j	07:12	8°♐11'56		morning set	-3190	Dec	13 j	01:57	18°♏23'32	
max. Earth dist.	-3190	Jan	05 j	03:35	15°♐00'04	1.38039 AU	max. Earth dist.	-3190	Dec	17 j	23:29	26°♏36'43	1.40120 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3190 Dec 19 j 22:36	0°♐	
superior conj	-3190 Dec 25 j 17:27	10°♐18'14	-1°-56'-13
minimum elong	-3190 Dec 25 j 17:44	10°♐19'36	1°56'21
evening rise	-3189 Jan 04 j 11:31	28°♐36'02	
	-3189 Jan 05 j 05:12	0°♑	
asc. node	-3189 Jan 13 j 13:32	15°♑05'17	
evening max el	-3189 Jan 20 j 16:36	24°♑36'41	18°25'40
retrograde	-3189 Jan 28 j 03:08	28°♑16'12	
evening set	-3189 Jan 30 j 14:49	27°♑52'53	
inferior conj	-3189 Feb 06 j 23:07	23°♑17'32	3°46'07
minimum elong	-3189 Feb 07 j 01:47	23°♑12'06	3°45'43
min. Earth dist.	-3189 Feb 10 j 08:46	20°♑32'09	0.59010 AU
morning rise	-3189 Feb 14 j 09:15	17°♑51'00	
direct	-3189 Feb 20 j 16:01	16°♑08'02	
desc. node	-3189 Feb 24 j 11:33	16°♑44'45	
morning max el	-3189 Mar 06 j 22:33	23°♑44'18	26°49'13
	-3189 Mar 12 j 14:34	0°♒	
	-3189 Mar 31 j 13:01	0°♓	
morning set	-3189 Apr 05 j 20:18	10°♓38'45	
asc. node	-3189 Apr 11 j 13:00	22°♓52'05	
superior conj	-3189 Apr 12 j 22:32	25°♓55'37	0°14'38
minimum elong	-3189 Apr 12 j 21:53	25°♓52'04	0°14'28
behind sun begin	-3189 Apr 12 j 19:53	25°♓41'08	
behind sun end	-3189 Apr 12 j 23:53	26°♓03'00	
max. Earth dist.	-3189 Apr 12 j 20:51	25°♓46'25	1.32538 AU
	-3189 Apr 14 j 19:12	0°♈	
evening rise	-3189 Apr 19 j 22:58	11°♈03'52	
	-3189 Apr 29 j 18:04	0°♉	
evening max el	-3189 May 19 j 03:18	26°♉43'05	26°23'53
	-3189 May 22 j 23:48	0°♊	
desc. node	-3189 May 23 j 10:25	0°♊19'21	
retrograde	-3189 Jun 02 j 05:06	4°♊01'04	
evening set	-3189 Jun 08 j 14:10	2°♊18'34	
	-3189 Jun 12 j 04:51	30°℞♉	
min. Earth dist.	-3189 Jun 12 j 16:29	29°♉38'20	0.59629 AU
inferior conj	-3189 Jun 16 j 01:24	26°♉59'07	-4°-24'-6
minimum elong	-3189 Jun 16 j 01:03	26°♉59'49	4°24'01
morning rise	-3189 Jun 23 j 15:29	22°♉24'05	
direct	-3189 Jun 26 j 02:52	22°♉02'06	
morning max el	-3189 Jul 03 j 17:01	25°♉41'02	18°20'29
	-3189 Jul 07 j 10:39	0°♊	
asc. node	-3189 Jul 08 j 12:26	1°♊29'52	
morning set	-3189 Jul 19 j 17:25	21°♊05'34	
	-3189 Jul 24 j 09:53	0°♋	
superior conj	-3189 Jul 29 j 02:33	8°♋44'29	1°46'20
minimum elong	-3189 Jul 29 j 04:21	8°♋52'43	1°46'22
max. Earth dist.	-3189 Aug 05 j 13:35	21°♋58'48	1.40527 AU
evening rise	-3189 Aug 10 j 07:43	29°♋58'56	
	-3189 Aug 10 j 07:58	0°♌	
desc. node	-3189 Aug 19 j 09:42	14°♌25'03	
	-3189 Aug 30 j 00:16	0°♍	
greatest brilliancy	-3189 Sep 07 j 15:25	11°♍27'03	-0.2m
evening max el	-3189 Sep 13 j 17:35	18°♍20'22	23°16'31
retrograde	-3189 Sep 24 j 01:07	24°♍26'40	
evening set	-3189 Sep 28 j 22:38	22°♍25'43	
inferior conj	-3189 Oct 04 j 07:14	16°♍04'38	0°-3'-40
minimum elong	-3189 Oct 04 j 07:19	16°♍04'22	0°03'37
transit middle	-3189 Oct 04 j 07:19	16°♍04'22	0°03'37
transit begin	-3189 Oct 04 j 04:41	16°♍13'25	
transit end	-3189 Oct 04 j 09:57	15°♍55'18	
min. Earth dist.	-3189 Oct 04 j 00:00	16°♍29'30	0.67456 AU
asc. node	-3189 Oct 04 j 11:31	15°♍49'56	
morning rise	-3189 Oct 09 j 16:01	9°♍51'18	
direct	-3189 Oct 13 j 20:00	8°♍14'53	
morning max el	-3189 Oct 22 j 14:04	13°♍25'01	21°27'32
greatest brilliancy	-3189 Oct 27 j 18:38	19°♍24'04	-0.4m
	-3189 Nov 04 j 14:24	0°♎	
desc. node	-3189 Nov 15 j 09:22	15°♎56'26	
morning set	-3189 Nov 22 j 16:24	27°♎14'35	
	-3189 Nov 24 j 10:07	0°♏	
max. Earth dist.	-3189 Nov 30 j 00:53	9°♏05'30	1.42082 AU
superior conj	-3189 Dec 07 j 10:18	21°♏32'58	-1°-51'00
minimum elong	-3189 Dec 07 j 06:55	21°♏18'23	1°50'57
	-3189 Dec 12 j 05:59	0°♐	
evening rise	-3189 Dec 18 j 13:20	11°♐22'41	
	-3189 Dec 29 j 05:45	0°♑	
asc. node	-3189 Dec 31 j 10:36	3°♑14'02	
evening max el	-3188 Jan 04 j 02:15	7°♑36'09	18°09'06
retrograde	-3188 Jan 10 j 21:00	11°♑04'08	
evening set	-3188 Jan 13 j 11:50	10°♑33'31	
inferior conj	-3188 Jan 20 j 06:32	5°♑36'07	4°00'39
minimum elong	-3188 Jan 20 j 06:31	5°♑36'09	4°00'33
min. Earth dist.	-3188 Jan 23 j 09:51	2°♑39'57	0.61041 AU
morning rise	-3188 Jan 26 j 22:37	29°♐52'14	
	-3188 Jan 26 j 17:59	30°℞♐	
direct	-3188 Feb 02 j 20:21	27°♐33'34	
	-3188 Feb 10 j 09:44	0°♑	
desc. node	-3188 Feb 11 j 08:39	0°♑36'47	
morning max el	-3188 Feb 16 j 22:58	5°♑16'45	27°33'56
	-3188 Mar 06 j 10:51	0°♒	
morning set	-3188 Mar 20 j 03:22	25°♒23'03	
	-3188 Mar 22 j 08:30	0°♓	
max. Earth dist.	-3188 Mar 26 j 09:25	8°♓40'24	1.32606 AU
superior conj	-3188 Mar 27 j 09:51	10°♓53'33	0°-10'-33
minimum elong	-3188 Mar 27 j 10:20	10°♓56'11	0°10'30
behind sun begin	-3188 Mar 27 j 06:31	10°♓35'25	
behind sun end	-3188 Mar 27 j 14:08	11°♓16'57	
asc. node	-3188 Mar 28 j 10:01	13°♓05'32	
evening rise	-3188 Apr 03 j 09:49	26°♓01'35	
	-3188 Apr 05 j 07:41	0°♈	
	-3188 Apr 22 j 23:34	0°♉	
evening max el	-3188 Apr 29 j 22:22	7°♉54'45	25°09'13
desc. node	-3188 May 09 j 07:30	14°♉12'53	
retrograde	-3188 May 13 j 23:30	15°♉03'30	
evening set	-3188 May 19 j 05:36	13°♉59'39	
min. Earth dist.	-3188 May 24 j 10:34	11°♉09'39	0.57659 AU
inferior conj	-3188 May 27 j 12:45	9°♉03'19	-4°-3'-18
minimum elong	-3188 May 27 j 08:38	9°♉10'23	4°02'42
morning rise	-3188 Jun 04 j 15:42	4°♉49'12	
direct	-3188 Jun 07 j 03:25	4°♉30'42	
morning max el	-3188 Jun 15 j 20:26	8°♉35'12	19°02'09
asc. node	-3188 Jun 24 j 09:30	19°♉59'28	
	-3188 Jun 29 j 21:43	0°♊	
morning set	-3188 Jul 02 j 13:30	5°♊10'44	
superior conj	-3188 Jul 11 j 01:18	21°♊50'56	1°48'33
minimum elong	-3188 Jul 11 j 00:49	21°♊48'37	1°48'39
	-3188 Jul 15 j 09:00	0°♋	
max. Earth dist.	-3188 Jul 17 j 15:54	4°♋10'49	1.38570 AU
evening rise	-3188 Jul 21 j 14:23	11°♋09'03	
	-3188 Aug 02 j 02:51	0°♌	
desc. node	-3188 Aug 05 j 06:41	4°♌47'55	
	-3188 Aug 24 j 10:16	0°♍	
evening max el	-3188 Aug 26 j 05:14	1°♍50'38	24°36'17
retrograde	-3188 Sep 06 j 14:37	8°♍29'58	
evening set	-3188 Sep 12 j 03:10	6°♍10'01	
min. Earth dist.	-3188 Sep 16 j 19:11	0°♍48'34	0.67220 AU
	-3188 Sep 17 j 09:44	30°℞♌	
inferior conj	-3188 Sep 17 j 12:55	29°♌49'20	0°-57'-35

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3188 Sep 17 j 14:17	29°♌44'45	0°56'58
asc. node	-3188 Sep 20 j 08:39	26°♌14'49	
morning rise	-3188 Sep 23 j 01:42	23°♌42'26	
direct	-3188 Sep 26 j 17:22	22°♌25'39	
morning max el	-3188 Oct 04 j 12:17	26°♌57'03	20°14'23
	-3188 Oct 07 j 05:58	0°♍	
greatest brilliancy	-3188 Oct 11 j 09:26	5°♍20'09	-0.6m
	-3188 Oct 28 j 02:10	0°♎	
morning set	-3188 Oct 31 j 14:35	5°♎25'20	
desc. node	-3188 Nov 01 j 06:20	6°♎26'25	
max. Earth dist.	-3188 Nov 11 j 10:22	22°♎27'28	1.43650 AU
	-3188 Nov 16 j 02:12	0°♏	
superior conj	-3188 Nov 17 j 00:34	1°♏31'39	-1°-29'-55
minimum elong	-3188 Nov 16 j 17:43	1°♏03'35	1°29'22
evening rise	-3188 Nov 29 j 22:20	23°♏21'17	
	-3188 Dec 03 j 18:24	0°♐	
asc. node	-3188 Dec 17 j 07:41	20°♐32'06	
evening max el	-3188 Dec 17 j 14:36	20°♐49'53	18°11'54
retrograde	-3188 Dec 24 j 03:28	24°♐19'13	
evening set	-3188 Dec 26 j 21:44	23°♐40'21	
inferior conj	-3187 Jan 02 j 05:37	18°♐21'47	3°51'58
minimum elong	-3187 Jan 02 j 03:39	18°♐27'01	3°51'38
min. Earth dist.	-3187 Jan 04 j 19:48	15°♐36'52	0.62938 AU
morning rise	-3187 Jan 08 j 07:47	12°♐25'31	
direct	-3187 Jan 15 j 09:01	9°♐43'29	
desc. node	-3187 Jan 28 j 05:45	16°♐32'54	
morning max el	-3187 Jan 29 j 05:00	17°♐28'58	27°42'26
	-3187 Feb 08 j 17:06	0°♑	
	-3187 Feb 27 j 04:06	0°♒	
morning set	-3187 Mar 04 j 04:41	9°♒46'20	
max. Earth dist.	-3187 Mar 09 j 17:32	21°♒15'44	1.33045 AU
superior conj	-3187 Mar 11 j 18:58	25°♒40'46	0°-35'-58
minimum elong	-3187 Mar 11 j 20:36	25°♒49'32	0°35'43
	-3187 Mar 13 j 18:57	0°♓	
asc. node	-3187 Mar 15 j 07:02	3°♓15'09	
evening rise	-3187 Mar 18 j 21:32	10°♓57'30	
	-3187 Mar 28 j 18:12	0°♈	
evening max el	-3187 Apr 11 j 14:02	18°♈39'03	23°37'49
retrograde	-3187 Apr 25 j 05:20	25°♈26'48	
desc. node	-3187 Apr 26 j 04:38	25°♈24'40	
evening set	-3187 Apr 29 j 02:56	24°♈53'20	
min. Earth dist.	-3187 May 06 j 01:03	21°♈40'29	0.56080 AU
inferior conj	-3187 May 08 j 03:57	20°♈24'02	-3°-3'-9
minimum elong	-3187 May 07 j 21:44	20°♈33'25	3°01'33
morning rise	-3187 May 16 j 20:05	16°♈25'08	
direct	-3187 May 19 j 09:01	16°♈08'54	
morning max el	-3187 May 29 j 14:24	20°♈53'23	20°04'27
	-3187 Jun 05 j 22:50	0°♉	
asc. node	-3187 Jun 11 j 06:33	9°♉03'40	
morning set	-3187 Jun 16 j 16:52	19°♉39'55	
	-3187 Jun 21 j 18:29	0°♊	
superior conj	-3187 Jun 24 j 13:50	5°♊40'33	1°42'16
minimum elong	-3187 Jun 24 j 11:54	5°♊30'50	1°42'15
max. Earth dist.	-3187 Jun 29 j 20:22	16°♊00'09	1.36716 AU
evening rise	-3187 Jul 03 j 20:29	23°♊28'31	
	-3187 Jul 07 j 12:13	0°♋	
desc. node	-3187 Jul 23 j 03:43	24°♋53'16	
	-3187 Jul 26 j 19:13	0°♌	
evening max el	-3187 Aug 08 j 16:07	15°♌23'15	25°48'32
retrograde	-3187 Aug 20 j 23:39	22°♌27'07	
evening set	-3187 Aug 27 j 03:12	19°♌51'00	
min. Earth dist.	-3187 Aug 31 j 10:37	15°♌06'56	0.66652 AU
inferior conj	-3187 Sep 01 j 15:46	13°♌34'09	-1°-50'-33
minimum elong	-3187 Sep 01 j 18:21	13°♌25'54	1°49'29

morning rise	-3187 Sep 07 j 10:10	7°♌36'54	
asc. node	-3187 Sep 07 j 05:45	7°♌43'57	
direct	-3187 Sep 10 j 15:38	6°♌36'44	
morning max el	-3187 Sep 17 j 17:47	10°♌38'19	19°14'56
	-3187 Oct 01 j 19:11	0°♍	
morning set	-3187 Oct 10 j 20:07	14°♍04'55	
desc. node	-3187 Oct 19 j 03:18	27°♍05'06	
	-3187 Oct 20 j 23:51	0°♎	
max. Earth dist.	-3187 Oct 25 j 01:52	6°♎26'07	1.44613 AU
superior conj	-3187 Oct 27 j 12:51	10°♎19'35	0°-51'-57
minimum elong	-3187 Oct 27 j 06:40	9°♎55'02	0°51'14
	-3187 Nov 08 j 17:51	0°♏	
evening rise	-3187 Nov 11 j 10:02	4°♏23'36	
	-3187 Nov 27 j 14:38	0°♐	
evening max el	-3187 Dec 01 j 02:54	4°♐11'52	18°33'11
asc. node	-3187 Dec 04 j 04:46	6°♐45'29	
retrograde	-3187 Dec 07 j 18:12	7°♐53'16	
evening set	-3187 Dec 10 j 17:02	7°♐04'46	
inferior conj	-3187 Dec 16 j 16:34	1°♐27'30	3°27'11
minimum elong	-3187 Dec 16 j 13:38	1°♐36'06	3°26'29
	-3187 Dec 17 j 22:13	30°℞♏	
min. Earth dist.	-3187 Dec 18 j 15:50	29°♏08'42	0.64541 AU
morning rise	-3187 Dec 22 j 09:00	25°♏22'05	
direct	-3187 Dec 29 j 04:46	22°♏31'35	
	-3186 Jan 11 j 08:50	0°♐	
morning max el	-3186 Jan 11 j 14:16	0°♐13'26	27°16'03
desc. node	-3186 Jan 15 j 02:47	3°♐58'50	
	-3186 Feb 02 j 16:09	0°♑	
morning set	-3186 Feb 15 j 21:25	23°♑39'30	
	-3186 Feb 19 j 02:00	0°♒	
max. Earth dist.	-3186 Feb 20 j 17:17	3°♒20'26	1.33889 AU
superior conj	-3186 Feb 24 j 00:02	10°♒11'07	-1°00'-35
minimum elong	-3186 Feb 24 j 02:40	10°♒24'57	1°00'13
asc. node	-3186 Mar 02 j 04:04	23°♒16'51	
evening rise	-3186 Mar 03 j 08:22	25°♒45'27	
	-3186 Mar 05 j 09:42	0°♓	
evening max el	-3186 Mar 24 j 08:25	29°♓23'30	22°04'05
	-3186 Mar 25 j 00:04	0°♈	
retrograde	-3186 Apr 05 j 23:45	5°♈32'25	
evening set	-3186 Apr 08 j 18:58	5°♈15'00	
desc. node	-3186 Apr 13 j 01:44	3°♈48'41	
min. Earth dist.	-3186 Apr 17 j 14:47	1°♈26'15	0.55217 AU
inferior conj	-3186 Apr 18 j 03:23	1°♈08'29	-1°-23'-53
minimum elong	-3186 Apr 17 j 23:34	1°♈13'52	1°22'37
	-3186 Apr 20 j 04:39	30°℞♓	
morning rise	-3186 Apr 27 j 05:37	27°♓10'59	
direct	-3186 Apr 29 j 23:38	26°♓54'01	
	-3186 May 08 j 20:00	0°♈	
morning max el	-3186 May 11 j 21:33	2°♈30'15	21°25'45
asc. node	-3186 May 29 j 03:33	28°♈33'49	
	-3186 May 29 j 20:49	0°♉	
morning set	-3186 Jun 01 j 01:03	4°♉26'07	
superior conj	-3186 Jun 08 j 12:04	20°♉01'07	1°29'41
minimum elong	-3186 Jun 08 j 09:29	19°♉47'43	1°29'29
max. Earth dist.	-3186 Jun 12 j 08:14	27°♉52'05	1.35150 AU
	-3186 Jun 13 j 09:51	0°♊	
evening rise	-3186 Jun 16 j 20:51	6°♊43'46	
	-3186 Jun 30 j 04:32	0°♋	
desc. node	-3186 Jul 10 j 00:45	14°♋32'57	
evening max el	-3186 Jul 22 j 03:21	28°♋52'58	26°45'18
	-3186 Jul 23 j 07:49	0°♌	
retrograde	-3186 Aug 04 j 03:50	6°♌11'11	
evening set	-3186 Aug 10 j 20:27	3°♌25'25	
	-3186 Aug 14 j 06:06	30°℞♋	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-3186 Aug 14 j 19:56	29°♋19'56	0.65725 AU
inferior conj	-3186 Aug 16 j 13:45	27°♋15'38	-2°-40'-41
minimum elong	-3186 Aug 16 j 17:19	27°♋05'03	2°39'27
morning rise	-3186 Aug 22 j 15:19	21°♋31'11	
asc. node	-3186 Aug 25 j 02:49	20°♋45'11	
direct	-3186 Aug 25 j 12:55	20°♋44'12	
morning max el	-3186 Sep 01 j 04:54	24°♋25'01	18°31'11
	-3186 Sep 05 j 18:55	0°♌	
morning set	-3186 Sep 21 j 02:02	23°♌57'34	
	-3186 Sep 24 j 19:49	0°♍	
desc. node	-3186 Oct 06 j 00:16	17°♍48'39	
superior conj	-3186 Oct 06 j 12:30	18°♍36'54	0°-3'-16
minimum elong	-3186 Oct 06 j 12:04	18°♍35'12	0°03'12
behind sun begin	-3186 Oct 06 j 00:54	17°♍51'10	
behind sun end	-3186 Oct 06 j 23:14	19°♍19'14	
max. Earth dist.	-3186 Oct 07 j 19:51	20°♍40'25	1.44864 AU
	-3186 Oct 13 j 18:08	0°♎	
evening rise	-3186 Oct 22 j 21:10	14°♎22'55	
	-3186 Nov 01 j 19:09	0°♏	
evening max el	-3186 Nov 14 j 12:40	17°♏37'25	19°11'49
asc. node	-3186 Nov 21 j 01:51	21°♏38'20	
retrograde	-3186 Nov 21 j 13:31	21°♏39'41	
evening set	-3186 Nov 24 j 18:44	20°♏39'32	
inferior conj	-3186 Nov 30 j 12:01	14°♏46'43	2°51'19
minimum elong	-3186 Nov 30 j 08:57	14°♏56'25	2°50'22
min. Earth dist.	-3186 Dec 01 j 21:07	13°♏01'49	0.65790 AU
morning rise	-3186 Dec 05 j 22:17	8°♏34'48	
direct	-3186 Dec 12 j 06:53	5°♏49'13	
morning max el	-3186 Dec 24 j 23:56	13°♏16'43	26°20'48
desc. node	-3185 Jan 01 j 23:49	22°♏27'48	
	-3185 Jan 07 j 14:26	0°♐	
	-3185 Jan 26 j 08:13	0°♑	
morning set	-3185 Jan 30 j 01:39	6°♑49'55	
max. Earth dist.	-3185 Feb 03 j 05:24	14°♑48'23	1.35177 AU
superior conj	-3185 Feb 07 j 22:43	24°♑17'01	-1°-23'-4
minimum elong	-3185 Feb 08 j 01:57	24°♑33'33	1°22'43
	-3185 Feb 10 j 17:12	0°♒	
evening rise	-3185 Feb 15 j 16:25	10°♒18'39	
asc. node	-3185 Feb 17 j 01:05	13°♒05'32	
	-3185 Feb 26 j 05:26	0°♓	
evening max el	-3185 Mar 06 j 11:24	10°♓33'12	20°40'01
retrograde	-3185 Mar 17 j 13:23	15°♓50'21	
evening set	-3185 Mar 19 j 20:45	15°♓37'31	
inferior conj	-3185 Mar 28 j 22:44	11°♓39'59	0°33'25
minimum elong	-3185 Mar 29 j 00:15	11°♓37'48	0°32'52
min. Earth dist.	-3185 Mar 30 j 04:56	10°♓56'19	0.55272 AU
desc. node	-3185 Mar 30 j 22:48	10°♓30'51	
morning rise	-3185 Apr 07 j 02:02	7°♓25'14	
direct	-3185 Apr 10 j 11:43	7°♓00'02	
morning max el	-3185 Apr 23 j 18:46	13°♓28'27	23°01'03
	-3185 May 06 j 07:50	0°♈	
asc. node	-3185 May 16 j 00:34	18°♈23'10	
morning set	-3185 May 16 j 12:07	19°♈23'22	
	-3185 May 21 j 11:54	0°♉	
superior conj	-3185 May 23 j 16:53	4°♉43'09	1°12'27
minimum elong	-3185 May 23 j 14:19	4°♉29'26	1°12'06
max. Earth dist.	-3185 May 26 j 06:03	10°♉06'19	1.33951 AU
evening rise	-3185 May 31 j 10:35	20°♉40'58	
	-3185 Jun 05 j 07:31	0°♊	
	-3185 Jun 24 j 03:03	0°♋	
desc. node	-3185 Jun 26 j 21:47	3°♋36'04	
evening max el	-3185 Jul 04 j 14:36	12°♋11'11	27°18'57
retrograde	-3185 Jul 18 j 02:36	19°♋34'24	
evening set	-3185 Jul 25 j 04:08	16°♋49'22	

min. Earth dist.	-3185 Jul 28 j 21:10	13°♋20'30	0.64422 AU
inferior conj	-3185 Jul 31 j 04:37	10°♋49'50	-3°-25'-27
minimum elong	-3185 Jul 31 j 08:36	10°♋38'59	3°24'21
morning rise	-3185 Aug 06 j 14:44	5°♋21'12	
direct	-3185 Aug 09 j 06:51	4°♋44'06	
asc. node	-3185 Aug 11 j 23:52	5°♋22'07	
morning max el	-3185 Aug 15 j 19:15	8°♋12'35	18°04'25
	-3185 Aug 30 j 10:22	0°♌	
morning set	-3185 Sep 02 j 11:27	5°♌09'39	
superior conj	-3185 Sep 15 j 22:06	27°♌27'31	0°43'43
minimum elong	-3185 Sep 16 j 02:50	27°♌46'36	0°43'11
	-3185 Sep 17 j 11:59	0°♍	
max. Earth dist.	-3185 Sep 20 j 13:14	4°♍52'29	1.44391 AU
desc. node	-3185 Sep 22 j 21:15	8°♍34'12	
evening rise	-3185 Oct 02 j 10:23	23°♍27'49	
	-3185 Oct 06 j 16:15	0°♎	
greatest brilliancy	-3185 Oct 21 j 17:48	22°♎24'05	-0.6m
	-3185 Oct 27 j 17:49	0°♏	
evening max el	-3185 Oct 28 j 17:56	1°♏04'31	20°06'05
retrograde	-3185 Nov 05 j 10:41	5°♏35'15	
asc. node	-3185 Nov 07 j 22:54	4°♏58'48	
evening set	-3185 Nov 09 j 00:28	4°♏20'55	
	-3185 Nov 13 j 05:36	30°℞♎	
inferior conj	-3185 Nov 14 j 13:18	28°♎15'46	2°07'50
minimum elong	-3185 Nov 14 j 10:42	28°♎24'27	2°06'52
min. Earth dist.	-3185 Nov 15 j 09:41	27°♎07'45	0.66681 AU
morning rise	-3185 Nov 19 j 20:19	22°♎00'04	
direct	-3185 Nov 25 j 14:39	19°♎29'07	
morning max el	-3185 Dec 07 j 08:37	26°♎28'12	25°05'36
	-3185 Dec 10 j 15:24	0°♏	
desc. node	-3185 Dec 19 j 20:51	11°♏41'39	
	-3184 Jan 01 j 04:57	0°♐	
morning set	-3184 Jan 12 j 12:16	19°♐03'01	
max. Earth dist.	-3184 Jan 16 j 06:16	25°♐53'00	1.36902 AU
	-3184 Jan 18 j 10:52	0°♑	
superior conj	-3184 Jan 22 j 12:07	7°♑50'25	-1°-41'-32
minimum elong	-3184 Jan 22 j 15:13	8°♑05'39	1°41'23
evening rise	-3184 Jan 30 j 19:40	24°♑31'15	
	-3184 Feb 02 j 13:54	0°♒	
asc. node	-3184 Feb 03 j 22:07	2°♒35'50	
evening max el	-3184 Feb 17 j 01:08	22°♒18'53	19°32'26
retrograde	-3184 Feb 26 j 10:28	26°♒46'49	
evening set	-3184 Feb 28 j 17:26	26°♒32'06	
inferior conj	-3184 Mar 08 j 04:01	22°♒26'53	2°16'05
minimum elong	-3184 Mar 08 j 08:46	22°♒19'15	2°14'39
min. Earth dist.	-3184 Mar 10 j 19:36	20°♒45'02	0.56240 AU
morning rise	-3184 Mar 16 j 20:30	17°♒43'11	
desc. node	-3184 Mar 16 j 19:54	17°♒43'41	
direct	-3184 Mar 21 j 09:03	16°♒56'55	
morning max el	-3184 Apr 04 j 10:04	24°♒03'26	24°40'17
	-3184 Apr 09 j 19:27	0°♓	
	-3184 Apr 27 j 21:05	0°♈	
morning set	-3184 Apr 30 j 00:17	4°♈25'04	
asc. node	-3184 May 01 j 21:35	8°♈25'19	
superior conj	-3184 May 07 j 01:51	19°♈37'48	0°51'47
minimum elong	-3184 May 06 j 23:47	19°♈26'32	0°51'25
max. Earth dist.	-3184 May 08 j 12:29	22°♈44'56	1.33127 AU
	-3184 May 11 j 22:16	0°♉	
evening rise	-3184 May 14 j 09:43	5°♉06'55	
	-3184 May 27 j 23:20	0°♊	
desc. node	-3184 Jun 12 j 18:49	21°♊46'32	
evening max el	-3184 Jun 15 j 23:54	25°♊04'43	27°23'16
	-3184 Jun 22 j 05:06	0°♋	
retrograde	-3184 Jun 29 j 19:05	2°♋27'01	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3184 Jul 06 j 22:39	29°♊55'59	
	-3184 Jul 06 j 20:20	30°℞♊	
min. Earth dist.	-3184 Jul 10 j 12:41	26°♊57'00	0.62761 AU
inferior conj	-3184 Jul 13 j 09:29	24°♊09'46	-4°-1'-9
minimum elong	-3184 Jul 13 j 12:55	24°♊01'21	4°00'29
morning rise	-3184 Jul 20 j 05:28	19°♊00'07	
direct	-3184 Jul 22 j 18:29	18°♊30'11	
asc. node	-3184 Jul 28 j 20:55	21°♊23'09	
morning max el	-3184 Jul 29 j 10:10	21°♊54'36	17°55'36
	-3184 Aug 04 j 15:16	0°♋	
morning set	-3184 Aug 14 j 19:49	17°♋27'19	
	-3184 Aug 21 j 22:55	0°♌	
superior conj	-3184 Aug 26 j 08:46	7°♌32'33	1°19'07
minimum elong	-3184 Aug 26 j 14:13	7°♌55'30	1°18'38
max. Earth dist.	-3184 Sep 02 j 03:25	18°♌45'07	1.43260 AU
desc. node	-3184 Sep 08 j 18:13	29°♌18'01	
	-3184 Sep 09 j 04:56	0°♍	
evening rise	-3184 Sep 10 j 14:58	2°♍12'44	
	-3184 Sep 29 j 05:56	0°♎	
greatest brilliancy	-3184 Oct 05 j 10:25	8°♎21'47	-0.4m
evening max el	-3184 Oct 10 j 17:22	14°♎31'20	21°13'31
retrograde	-3184 Oct 19 j 07:34	19°♎36'53	
evening set	-3184 Oct 23 j 08:12	18°♎05'43	
asc. node	-3184 Oct 24 j 19:58	16°♎45'40	
inferior conj	-3184 Oct 28 j 18:11	11°♎51'36	1°19'10
minimum elong	-3184 Oct 28 j 16:26	11°♎57'36	1°18'27
min. Earth dist.	-3184 Oct 29 j 03:13	11°♎20'36	0.67228 AU
morning rise	-3184 Nov 03 j 00:19	5°♎34'46	
direct	-3184 Nov 08 j 03:15	3°♎24'09	
morning max el	-3184 Nov 18 j 17:27	9°♎43'16	23°40'25
	-3184 Dec 04 j 17:37	0°♏	
desc. node	-3184 Dec 05 j 17:53	1°♏27'20	
morning set	-3184 Dec 23 j 23:10	0°♐02'43	
	-3184 Dec 23 j 22:32	0°♐	
max. Earth dist.	-3184 Dec 28 j 02:05	7°♐09'58	1.38925 AU
superior conj	-3183 Jan 04 j 12:21	20°♐41'01	-1°-53'-31
minimum elong	-3183 Jan 04 j 14:07	20°♐49'19	1°53'36
	-3183 Jan 09 j 09:26	0°♑	
evening rise	-3183 Jan 13 j 15:38	8°♑17'09	
asc. node	-3183 Jan 20 j 19:09	21°♑41'33	
	-3183 Jan 26 j 01:25	0°♒	
evening max el	-3183 Jan 30 j 00:37	4°♒39'18	18°44'13
retrograde	-3183 Feb 07 j 00:55	8°♒31'59	
evening set	-3183 Feb 09 j 10:55	8°♒12'10	
inferior conj	-3183 Feb 17 j 04:16	3°♒48'44	3°23'49
minimum elong	-3183 Feb 17 j 08:20	3°♒41'06	3°23'00
min. Earth dist.	-3183 Feb 20 j 11:58	1°♒20'58	0.57889 AU
	-3183 Feb 22 j 12:19	30°℞♑	
morning rise	-3183 Feb 25 j 02:00	28°♑36'05	
direct	-3183 Mar 02 j 19:13	27°♑15'53	
desc. node	-3183 Mar 03 j 17:00	27°♑17'55	
	-3183 Mar 11 j 04:31	0°♒	
morning max el	-3183 Mar 17 j 01:49	4°♒43'50	26°08'57
	-3183 Apr 04 j 10:29	0°♓	
morning set	-3183 Apr 14 j 11:54	19°♓25'23	
asc. node	-3183 Apr 18 j 18:37	28°♓35'25	
	-3183 Apr 19 j 10:09	0°♈	
superior conj	-3183 Apr 21 j 13:05	4°♈38'31	0°28'41
minimum elong	-3183 Apr 21 j 11:51	4°♈31'45	0°28'26
max. Earth dist.	-3183 Apr 22 j 00:21	5°♈40'09	1.32657 AU
evening rise	-3183 Apr 28 j 15:15	19°♈51'35	
	-3183 May 03 j 16:57	0°♉	
	-3183 May 22 j 13:19	0°♊	
evening max el	-3183 May 29 j 04:37	7°♊21'09	26°54'45
desc. node	-3183 May 30 j 15:52	8°♊42'01	
retrograde	-3183 Jun 12 j 04:14	14°♊40'39	
evening set	-3183 Jun 18 j 23:49	12°♊37'09	
min. Earth dist.	-3183 Jun 22 j 18:08	9°♊55'16	0.60816 AU
inferior conj	-3183 Jun 26 j 00:57	7°♊07'17	-4°-22'-1
minimum elong	-3183 Jun 26 j 02:26	7°♊04'06	4°21'51
morning rise	-3183 Jul 03 j 08:06	2°♊19'17	
direct	-3183 Jul 05 j 19:50	1°♊54'39	
morning max el	-3183 Jul 12 j 22:54	5°♊24'38	18°05'45
asc. node	-3183 Jul 15 j 18:00	8°♊33'06	
morning set	-3183 Jul 28 j 21:34	0°♋35'36	
	-3183 Jul 28 j 13:54	0°♋	
superior conj	-3183 Aug 07 j 22:42	18°♋58'53	1°40'09
minimum elong	-3183 Aug 08 j 02:02	19°♋13'39	1°40'03
	-3183 Aug 14 j 07:11	0°♌	
max. Earth dist.	-3183 Aug 15 j 12:28	2°♌03'15	1.41618 AU
evening rise	-3183 Aug 21 j 06:34	11°♌29'41	
desc. node	-3183 Aug 26 j 15:11	19°♌56'53	
	-3183 Sep 02 j 06:18	0°♍	
greatest brilliancy	-3183 Sep 18 j 16:41	22°♍37'10	-0.3m
evening max el	-3183 Sep 23 j 10:47	27°♍57'28	22°30'12
	-3183 Sep 25 j 14:41	0°♎	
retrograde	-3183 Oct 03 j 02:34	3°♎41'38	
evening set	-3183 Oct 07 j 16:05	1°♎51'36	
	-3183 Oct 09 j 13:50	30°℞♍	
asc. node	-3183 Oct 11 j 17:05	27°♍20'18	
inferior conj	-3183 Oct 13 j 00:44	25°♍31'57	0°27'08
minimum elong	-3183 Oct 13 j 00:07	25°♍34'07	0°26'53
min. Earth dist.	-3183 Oct 12 j 23:16	25°♍37'00	0.67461 AU
morning rise	-3183 Oct 18 j 08:03	19°♍16'40	
direct	-3183 Oct 22 j 19:58	17°♍28'09	
morning max el	-3183 Nov 01 j 05:29	23°♍02'50	22°14'23
greatest brilliancy	-3183 Nov 05 j 22:37	28°♍22'21	-0.4m
	-3183 Nov 07 j 05:59	0°♎	
desc. node	-3183 Nov 22 j 14:52	21°♎34'57	
	-3183 Nov 28 j 03:18	0°♏	
morning set	-3183 Dec 04 j 05:27	9°♏38'02	
max. Earth dist.	-3183 Dec 10 j 00:26	19°♏10'11	1.40991 AU
	-3183 Dec 16 j 07:25	0°♐	
superior conj	-3183 Dec 17 j 18:17	2°♐34'26	-1°-55'-44
minimum elong	-3183 Dec 17 j 17:09	2°♐29'25	1°55'50
evening rise	-3183 Dec 28 j 01:10	21°♐27'53	
	-3182 Jan 01 j 15:51	0°♑	
asc. node	-3182 Jan 07 j 16:13	10°♑13'50	
evening max el	-3182 Jan 13 j 07:19	17°♑26'20	18°16'08
retrograde	-3182 Jan 20 j 09:52	20°♑59'31	
evening set	-3182 Jan 22 j 22:53	20°♑33'12	
inferior conj	-3182 Jan 30 j 01:00	15°♑48'08	3°55'40
minimum elong	-3182 Jan 30 j 02:29	15°♑44'53	3°55'28
min. Earth dist.	-3182 Feb 02 j 08:58	12°♑55'23	0.59875 AU
morning rise	-3182 Feb 06 j 03:00	10°♑13'16	
direct	-3182 Feb 12 j 17:22	8°♑14'28	
desc. node	-3182 Feb 18 j 14:07	9°♑41'29	
morning max el	-3182 Feb 26 j 22:51	15°♑54'03	27°12'37
	-3182 Mar 10 j 11:40	0°♒	
	-3182 Mar 27 j 18:54	0°♓	
morning set	-3182 Mar 29 j 21:10	4°♓17'10	
max. Earth dist.	-3182 Apr 05 j 13:46	18°♓38'05	1.32525 AU
asc. node	-3182 Apr 05 j 15:39	18°♓48'22	
superior conj	-3182 Apr 06 j 00:49	19°♓38'36	0°04'02
minimum elong	-3182 Apr 06 j 00:38	19°♓37'36	0°03'58
behind sun begin	-3182 Apr 05 j 19:46	19°♓10'56	
behind sun end	-3182 Apr 06 j 05:30	20°♓04'16	
	-3182 Apr 10 j 18:55	0°♈	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-3182 Apr 13 j 00:42	4°♈45'55	
	-3182 Apr 26 j 13:02	0°♉	
evening max el	-3182 May 11 j 02:48	18°♉53'38	25°54'53
desc. node	-3182 May 17 j 12:58	23°♉51'56	
retrograde	-3182 May 25 j 04:44	26°♉08'53	
evening set	-3182 May 31 j 03:51	24°♉42'41	
min. Earth dist.	-3182 Jun 04 j 15:16	22°♉00'29	0.58764 AU
inferior conj	-3182 Jun 07 j 23:21	19°♉32'33	-4°-19'-32
minimum elong	-3182 Jun 07 j 21:25	19°♉36'10	4°19'21
morning rise	-3182 Jun 15 j 18:50	15°♉07'09	
direct	-3182 Jun 18 j 06:24	14°♉46'44	
morning max el	-3182 Jun 26 j 06:34	18°♉34'23	18°35'49
asc. node	-3182 Jul 02 j 15:05	26°♉37'02	
	-3182 Jul 04 j 17:07	0°♊	
morning set	-3182 Jul 12 j 12:02	14°♊22'28	
	-3182 Jul 20 j 15:12	0°♋	
superior conj	-3182 Jul 21 j 11:10	1°♋33'40	1°48'27
minimum elong	-3182 Jul 21 j 11:55	1°♋37'09	1°48'34
max. Earth dist.	-3182 Jul 28 j 15:59	14°♋36'39	1.39690 AU
evening rise	-3182 Aug 01 j 22:06	21°♋55'18	
	-3182 Aug 06 j 19:50	0°♌	
desc. node	-3182 Aug 13 j 12:10	10°♌27'02	
	-3182 Aug 27 j 06:30	0°♍	
evening max el	-3182 Sep 05 j 23:39	11°♍25'14	23°50'48
retrograde	-3182 Sep 16 j 18:29	17°♍46'56	
evening set	-3182 Sep 21 j 22:22	15°♍37'28	
inferior conj	-3182 Sep 27 j 07:14	9°♍15'54	0°-26'-31
minimum elong	-3182 Sep 27 j 07:52	9°♍13'46	0°26'14
min. Earth dist.	-3182 Sep 26 j 19:31	9°♍55'47	0.67392 AU
asc. node	-3182 Sep 28 j 14:11	7°♍31'50	
morning rise	-3182 Oct 02 j 17:32	3°♍05'02	
direct	-3182 Oct 06 j 15:55	1°♍37'32	
morning max el	-3182 Oct 14 j 23:38	6°♍30'26	20°54'58
greatest brilliancy	-3182 Oct 20 j 18:20	13°♍18'22	-0.5m
	-3182 Nov 01 j 13:46	0°♎	
desc. node	-3182 Nov 09 j 11:51	11°♎58'23	
morning set	-3182 Nov 13 j 10:41	18°♎05'20	
	-3182 Nov 20 j 22:56	0°♏	
max. Earth dist.	-3182 Nov 22 j 05:17	2°♏02'55	1.42811 AU
superior conj	-3182 Nov 29 j 00:16	13°♏17'33	-1°-44'-10
minimum elong	-3182 Nov 28 j 19:12	12°♏56'10	1°43'55
	-3182 Dec 08 j 15:29	0°♐	
evening rise	-3182 Dec 10 j 20:27	3°♐55'36	
asc. node	-3182 Dec 25 j 13:17	28°♐02'35	
	-3182 Dec 27 j 05:50	0°♑	
evening max el	-3182 Dec 27 j 18:25	0°♑32'25	18°07'53
retrograde	-3181 Jan 03 j 09:45	3°♑59'51	
evening set	-3181 Jan 06 j 01:49	3°♑26'02	
	-3181 Jan 10 j 22:07	30°℞♐	
inferior conj	-3181 Jan 12 j 15:36	28°♐19'26	3°59'19
minimum elong	-3181 Jan 12 j 14:38	28°♐21'50	3°59'09
min. Earth dist.	-3181 Jan 15 j 13:50	25°♐25'29	0.61878 AU
morning rise	-3181 Jan 19 j 01:11	22°♐29'26	
direct	-3181 Jan 26 j 01:33	19°♐58'54	
desc. node	-3181 Feb 05 j 11:13	24°♐30'36	
morning max el	-3181 Feb 09 j 02:04	27°♐44'28	27°41'57
	-3181 Feb 11 j 06:36	0°♑	
	-3181 Mar 04 j 03:24	0°♒	
morning set	-3181 Mar 14 j 02:05	18°♒53'19	
	-3181 Mar 19 j 09:03	0°♓	
max. Earth dist.	-3181 Mar 20 j 00:48	1°♓24'53	1.32744 AU
superior conj	-3181 Mar 21 j 11:24	4°♓32'15	0°-21'-23
minimum elong	-3181 Mar 21 j 12:22	4°♓37'32	0°21'14
asc. node	-3181 Mar 23 j 12:40	9°♓00'23	

evening rise	-3181 Mar 28 j 12:07	19°♓42'57	
	-3181 Apr 02 j 13:40	0°♈	
	-3181 Apr 22 j 23:56	0°♉	
evening max el	-3181 Apr 22 j 19:34	29°♈49'36	24°31'27
desc. node	-3181 May 04 j 10:05	6°♉39'33	
retrograde	-3181 May 06 j 18:24	6°♉52'16	
evening set	-3181 May 11 j 10:31	6°♉02'59	
min. Earth dist.	-3181 May 17 j 07:30	3°♉04'25	0.56909 AU
inferior conj	-3181 May 20 j 01:56	1°♉17'31	-3°-42'-58
minimum elong	-3181 May 19 j 20:31	1°♉26'18	3°41'54
	-3181 May 22 j 03:01	30°℞♈	
morning rise	-3181 May 28 j 10:37	27°♈11'14	
direct	-3181 May 30 j 22:26	26°♈54'03	
	-3181 Jun 07 j 19:51	0°♉	
morning max el	-3181 Jun 09 j 06:16	1°♉14'06	19°26'19
asc. node	-3181 Jun 19 j 12:08	15°♉22'04	
morning set	-3181 Jun 26 j 11:30	28°♉37'57	
	-3181 Jun 27 j 03:55	0°♊	
superior conj	-3181 Jul 04 j 16:19	14°♊59'43	1°46'47
minimum elong	-3181 Jul 04 j 15:07	14°♊53'48	1°46'51
max. Earth dist.	-3181 Jul 10 j 17:51	26°♊33'07	1.37743 AU
	-3181 Jul 12 j 15:03	0°♋	
evening rise	-3181 Jul 14 j 15:14	3°♋35'53	
	-3181 Jul 30 j 21:32	0°♌	
desc. node	-3181 Jul 31 j 09:11	0°♌43'05	
evening max el	-3181 Aug 19 j 10:35	24°♌56'11	25°08'28
	-3181 Aug 25 j 16:30	0°♍	
retrograde	-3181 Aug 31 j 06:19	1°♍48'03	
	-3181 Sep 05 j 05:41	30°℞♌	
evening set	-3181 Sep 06 j 01:14	29°♌20'44	
min. Earth dist.	-3181 Sep 10 j 13:29	24°♌14'44	0.67012 AU
inferior conj	-3181 Sep 11 j 11:55	23°♌01'00	-1°-20'-16
minimum elong	-3181 Sep 11 j 13:50	22°♌54'44	1°19'26
asc. node	-3181 Sep 15 j 11:16	18°♌18'32	
morning rise	-3181 Sep 17 j 02:54	16°♌57'37	
direct	-3181 Sep 20 j 13:51	15°♌48'25	
morning max el	-3181 Sep 28 j 01:01	20°♌06'30	19°47'15
	-3181 Oct 05 j 22:13	0°♍	
greatest brilliancy	-3181 Oct 06 j 01:28	0°♍11'29	-0.6m
morning set	-3181 Oct 23 j 08:59	26°♍19'46	
	-3181 Oct 25 j 17:42	0°♎	
desc. node	-3181 Oct 27 j 08:48	2°♎32'20	
max. Earth dist.	-3181 Nov 04 j 17:03	15°♎40'24	1.44141 AU
superior conj	-3181 Nov 09 j 02:49	22°♎43'56	-1°-15'-43
minimum elong	-3181 Nov 08 j 19:32	22°♎14'34	1°15'00
	-3181 Nov 13 j 14:01	0°♏	
evening rise	-3181 Nov 22 j 20:54	15°♏30'51	
	-3181 Dec 01 j 11:17	0°♐	
evening max el	-3181 Dec 11 j 07:05	13°♐50'23	18°18'46
asc. node	-3181 Dec 12 j 10:20	14°♐54'54	
retrograde	-3181 Dec 17 j 20:04	17°♐23'33	
evening set	-3181 Dec 20 j 16:04	16°♐40'53	
inferior conj	-3181 Dec 26 j 20:09	11°♐14'21	3°43'02
minimum elong	-3181 Dec 26 j 17:40	11°♐21'17	3°42'33
min. Earth dist.	-3181 Dec 29 j 04:11	8°♐38'49	0.63666 AU
morning rise	-3180 Jan 01 j 17:43	5°♐13'50	
direct	-3180 Jan 08 j 17:39	2°♐25'59	
morning max el	-3180 Jan 22 j 09:42	10°♐11'24	27°35'03
desc. node	-3180 Jan 23 j 08:17	11°♐08'28	
	-3180 Feb 07 j 00:31	0°♑	
	-3180 Feb 24 j 10:30	0°♒	
morning set	-3180 Feb 26 j 00:10	3°♒05'20	
max. Earth dist.	-3180 Mar 02 j 05:37	13°♒47'33	1.33347 AU
superior conj	-3180 Mar 04 j 19:04	19°♒13'34	0°-46'-36

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3180 Mar 04 j 21:09	19°♒24'40	0°46'16	
asc. node	-3180 Mar 09 j 09:41	29°♒07'22		
	-3180 Mar 09 j 19:32	0°♓		
evening rise	-3180 Mar 11 j 23:40	4°♓36'22		
	-3180 Mar 25 j 21:12	0°♈		
evening max el	-3180 Apr 03 j 11:47	10°♈31'35	22°57'29	
retrograde	-3180 Apr 16 j 19:05	17°♈04'43		
evening set	-3180 Apr 20 j 03:41	16°♈40'04		
desc. node	-3180 Apr 20 j 07:11	16°♈37'55		
min. Earth dist.	-3180 Apr 27 j 21:49	13°♈13'41	0.55605 AU	
inferior conj	-3180 Apr 29 j 09:34	12°♈21'51	-2°-25'-9	
minimum elong	-3180 Apr 29 j 03:47	12°♈30'17	2°23'24	
morning rise	-3180 May 08 j 06:37	8°♈25'12		
direct	-3180 May 10 j 20:48	8°♈09'13		
morning max el	-3180 May 21 j 19:43	13°♈15'27	20°36'53	
	-3180 Jun 02 j 21:09	0°♉		
asc. node	-3180 Jun 05 j 09:10	4°♉38'31		
morning set	-3180 Jun 09 j 17:11	13°♉15'13		
superior conj	-3180 Jun 17 j 09:25	29°♉03'45	1°37'36	
minimum elong	-3180 Jun 17 j 07:07	28°♉52'01	1°37'30	
	-3180 Jun 17 j 20:29	0°♊		
max. Earth dist.	-3180 Jun 22 j 00:55	8°♊20'26	1.36007 AU	
evening rise	-3180 Jun 26 j 05:49	16°♊21'20		
	-3180 Jul 03 j 22:29	0°♋		
desc. node	-3180 Jul 17 j 06:13	20°♋38'30		
	-3180 Jul 24 j 07:24	0°♌		
evening max el	-3180 Jul 31 j 21:45	8°♌28'58	26°15'09	
retrograde	-3180 Aug 13 j 13:20	15°♌39'58		
evening set	-3180 Aug 19 j 22:38	12°♌59'05		
min. Earth dist.	-3180 Aug 24 j 02:42	8°♌31'07	0.66301 AU	
inferior conj	-3180 Aug 25 j 12:58	6°♌44'50	-2°-12'-19	
minimum elong	-3180 Aug 25 j 16:00	6°♌35'23	2°11'07	
morning rise	-3180 Aug 31 j 10:12	0°♌52'19		
asc. node	-3180 Sep 01 j 08:21	0°♌24'40		
	-3180 Sep 02 j 22:02	30°℞♋		
direct	-3180 Sep 03 j 12:03	29°♋58'04		
	-3180 Sep 04 j 02:10	0°♌		
morning max el	-3180 Sep 10 j 09:02	3°♌49'51	18°54'16	
	-3180 Sep 28 j 13:04	0°♍		
morning set	-3180 Oct 01 j 23:40	5°♍27'11		
desc. node	-3180 Oct 13 j 05:45	23°♍13'12		
max. Earth dist.	-3180 Oct 17 j 09:55	29°♍47'36	1.44815 AU	
	-3180 Oct 17 j 13:04	0°♎		
superior conj	-3180 Oct 18 j 07:17	1°♎11'49	0°-31'-56	
minimum elong	-3180 Oct 18 j 03:09	0°♎55'30	0°31'25	
evening rise	-3180 Nov 02 j 22:16	26°♎06'12		
	-3180 Nov 05 j 08:06	0°♏		
evening max el	-3180 Nov 23 j 18:38	27°♏14'41	18°47'37	
	-3180 Nov 27 j 02:40	0°♐		
asc. node	-3180 Nov 28 j 07:23	0°♐35'59		
retrograde	-3180 Nov 30 j 13:01	1°♐03'30		
evening set	-3180 Dec 03 j 14:24	0°♐10'13		
	-3180 Dec 03 j 21:13	30°℞♏		
inferior conj	-3180 Dec 09 j 11:03	24°♏26'04	3°13'03	
minimum elong	-3180 Dec 09 j 07:59	24°♏35'25	3°12'13	
min. Earth dist.	-3180 Dec 11 j 04:10	22°♏21'11	0.65124 AU	
morning rise	-3180 Dec 15 j 00:31	18°♏17'53		
direct	-3180 Dec 21 j 16:15	15°♏27'56		
morning max el	-3179 Jan 03 j 19:10	23°♏04'29	26°55'31	
desc. node	-3179 Jan 09 j 05:18	29°♏03'41		
	-3179 Jan 09 j 23:53	0°♐		
	-3179 Jan 30 j 07:03	0°♑		
morning set	-3179 Feb 08 j 12:05	16°♑41'42		
max. Earth dist.	-3179 Feb 13 j 00:34	25°♑36'05	1.34384 AU	
	-3179 Feb 15 j 04:19	0°♒		

superior conj	-3179 Feb 16 j 21:45	3°♒34'39	-1°-10'-29	
minimum elong	-3179 Feb 17 j 00:41	3°♒50'00	1°10'06	
evening rise	-3179 Feb 24 j 09:33	19°♒18'59		
asc. node	-3179 Feb 24 j 06:42	19°♒04'08		
	-3179 Mar 01 j 17:42	0°♓		
evening max el	-3179 Mar 16 j 09:26	21°♓24'50	21°26'37	
retrograde	-3179 Mar 28 j 09:37	27°♓11'49		
evening set	-3179 Mar 30 j 22:15	26°♓57'18		
desc. node	-3179 Apr 07 j 04:17	24°♓05'23		
inferior conj	-3179 Apr 09 j 05:31	22°♓57'04	0°-34'-21	
minimum elong	-3179 Apr 09 j 03:54	22°♓59'21	0°33'50	
min. Earth dist.	-3179 Apr 09 j 11:30	22°♓48'40	0.55129 AU	
morning rise	-3179 Apr 18 j 09:39	18°♓54'33		
direct	-3179 Apr 21 j 09:06	18°♓35'08		
morning max el	-3179 May 03 j 22:11	24°♓34'03	22°05'00	
	-3179 May 08 j 20:18	0°♈		
asc. node	-3179 May 23 j 06:11	24°♈17'33		
morning set	-3179 May 25 j 02:50	28°♈06'44		
	-3179 May 26 j 00:34	0°♉		
superior conj	-3179 Jun 01 j 10:45	13°♉34'01	1°22'52	
minimum elong	-3179 Jun 01 j 08:06	13°♉20'06	1°22'35	
max. Earth dist.	-3179 Jun 04 j 17:17	20°♉21'35	1.34599 AU	
evening rise	-3179 Jun 09 j 12:25	29°♉55'44		
	-3179 Jun 09 j 13:18	0°♊		
	-3179 Jun 27 j 00:23	0°♋		
desc. node	-3179 Jul 04 j 03:16	10°♋03'49		
evening max el	-3179 Jul 14 j 09:18	21°♋55'17	27°02'53	
retrograde	-3179 Jul 27 j 15:00	29°♋15'38		
evening set	-3179 Aug 03 j 12:09	26°♋28'55		
min. Earth dist.	-3179 Aug 07 j 08:45	22°♋39'29	0.65220 AU	
inferior conj	-3179 Aug 09 j 08:13	20°♋23'24	-3°00'-33	
minimum elong	-3179 Aug 09 j 12:02	20°♋12'25	2°59'18	
morning rise	-3179 Aug 15 j 13:13	14°♋45'13		
direct	-3179 Aug 18 j 08:20	14°♋02'39		
asc. node	-3179 Aug 19 j 05:25	14°♋06'51		
morning max el	-3179 Aug 24 j 21:46	17°♋36'53	18°17'42	
	-3179 Sep 02 j 23:55	0°♌		
morning set	-3179 Sep 12 j 17:35	15°♌54'44		
	-3179 Sep 21 j 08:38	0°♍		
superior conj	-3179 Sep 27 j 08:24	9°♍35'10	0°17'38	
minimum elong	-3179 Sep 27 j 10:36	9°♍43'58	0°17'23	
max. Earth dist.	-3179 Sep 30 j 04:35	14°♍05'06	1.44751 AU	
desc. node	-3179 Sep 30 j 02:44	13°♍57'48		
	-3179 Oct 10 j 08:02	0°♎		
evening rise	-3179 Oct 13 j 23:15	5°♎40'28		
greatest brilliancy	-3179 Oct 29 j 11:02	29°♎27'52	-0.7m	
	-3179 Oct 29 j 19:50	0°♏		
evening max el	-3179 Nov 07 j 02:46	10°♏41'32	19°33'06	
retrograde	-3179 Nov 14 j 09:28	14°♏54'51		
asc. node	-3179 Nov 15 j 04:26	14°♏51'14		
evening set	-3179 Nov 17 j 18:09	13°♏48'46		
inferior conj	-3179 Nov 23 j 09:19	7°♏50'07	2°33'39	
minimum elong	-3179 Nov 23 j 06:23	7°♏59'38	2°32'40	
min. Earth dist.	-3179 Nov 24 j 12:43	6°♏21'08	0.66211 AU	
morning rise	-3179 Nov 28 j 17:53	1°♏36'28		
	-3179 Nov 30 j 23:10	30°℞♎		
direct	-3179 Dec 04 j 20:38	28°♎56'28		
	-3179 Dec 09 j 02:35	0°♏		
morning max el	-3179 Dec 17 j 04:33	6°♏12'52	25°50'47	
desc. node	-3179 Dec 27 j 02:18	17°♏53'44		
	-3178 Jan 04 j 15:59	0°♐		
morning set	-3178 Jan 22 j 09:34	29°♐29'57		
	-3178 Jan 22 j 16:06	0°♑		
max. Earth dist.	-3178 Jan 26 j 08:03	6°♑53'38	1.35870 AU	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3178 Jan 31 j 16:55	17°♑28'10	-1°-31'-30
minimum elong	-3178 Jan 31 j 20:12	17°♑44'44	1°31'14
	-3178 Feb 06 j 19:58	0°♒	
evening rise	-3178 Feb 08 j 15:53	3°♒44'47	
asc. node	-3178 Feb 11 j 03:42	8°♒45'55	
	-3178 Feb 24 j 01:36	0°♓	
evening max el	-3178 Feb 26 j 16:51	2°♓48'57	20°08'52
retrograde	-3178 Mar 09 j 01:06	7°♓44'18	
evening set	-3178 Mar 11 j 07:30	7°♓31'09	
inferior conj	-3178 Mar 20 j 03:31	3°♓31'37	1°20'27
minimum elong	-3178 Mar 20 j 06:53	3°♓26'33	1°19'18
min. Earth dist.	-3178 Mar 22 j 01:30	2°♓22'40	0.55589 AU
desc. node	-3178 Mar 25 j 01:22	0°♓43'09	
	-3178 Mar 26 j 14:17	30°℞♒	
morning rise	-3178 Mar 29 j 03:40	29°♒05'35	
direct	-3178 Apr 01 j 23:42	28°♒33'24	
	-3178 Apr 08 j 04:50	0°♓	
morning max el	-3178 Apr 15 j 16:15	5°♓19'23	23°43'35
	-3178 May 03 j 00:23	0°♈	
morning set	-3178 May 09 j 14:35	13°♈06'32	
asc. node	-3178 May 10 j 03:12	14°♈12'49	
superior conj	-3178 May 16 j 17:37	28°♈22'00	1°04'02
minimum elong	-3178 May 16 j 15:12	28°♈09'02	1°03'39
	-3178 May 17 j 11:54	0°♉	
max. Earth dist.	-3178 May 18 j 19:11	2°♉46'44	1.33559 AU
evening rise	-3178 May 24 j 06:35	14°♉05'56	
	-3178 Jun 01 j 16:52	0°♊	
desc. node	-3178 Jun 21 j 00:19	28°♊46'21	
	-3178 Jun 22 j 01:25	0°♋	
evening max el	-3178 Jun 26 j 19:52	5°♋03'31	27°24'33
retrograde	-3178 Jul 10 j 11:03	12°♋26'41	
evening set	-3178 Jul 17 j 14:40	9°♋45'35	
min. Earth dist.	-3178 Jul 21 j 05:45	6°♋30'58	0.63758 AU
inferior conj	-3178 Jul 23 j 19:09	3°♋51'35	-3°-42'-2
minimum elong	-3178 Jul 23 j 23:03	3°♋41'26	3°41'05
	-3178 Jul 27 j 22:07	30°℞♊	
morning rise	-3178 Jul 30 j 09:21	28°♊30'58	
direct	-3178 Aug 01 j 23:56	27°♊57'12	
asc. node	-3178 Aug 06 j 02:30	29°♊20'53	
	-3178 Aug 06 j 23:55	0°♋	
morning max el	-3178 Aug 08 j 12:45	1°♋22'34	17°58'30
morning set	-3178 Aug 25 j 13:23	27°♋35'54	
	-3178 Aug 26 j 22:45	0°♌	
superior conj	-3178 Sep 07 j 03:36	18°♌54'08	1°00'30
minimum elong	-3178 Sep 07 j 09:09	19°♌16'55	0°59'54
max. Earth dist.	-3178 Sep 12 j 21:08	28°♌11'24	1.43976 AU
	-3178 Sep 14 j 00:21	0°♍	
desc. node	-3178 Sep 16 j 23:42	4°♍42'34	
evening rise	-3178 Sep 23 j 06:29	14°♍30'17	
	-3178 Oct 03 j 10:43	0°♎	
greatest brilliancy	-3178 Oct 15 j 01:47	16°♎43'02	-0.5m
evening max el	-3178 Oct 21 j 05:32	24°♎07'44	20°33'22
retrograde	-3178 Oct 29 j 06:53	28°♎53'03	
evening set	-3178 Nov 02 j 00:59	27°♎31'47	
asc. node	-3178 Nov 02 j 01:31	27°♎30'48	
inferior conj	-3178 Nov 07 j 12:23	21°♎22'06	1°47'43
minimum elong	-3178 Nov 07 j 10:06	21°♎29'50	1°46'50
min. Earth dist.	-3178 Nov 08 j 03:43	20°♎30'08	0.66945 AU
morning rise	-3178 Nov 12 j 18:44	15°♎05'29	
direct	-3178 Nov 18 j 06:25	12°♎42'59	
morning max el	-3178 Nov 29 j 13:16	19°♎26'39	24°30'08
	-3178 Dec 08 j 13:06	0°♏	
desc. node	-3178 Dec 13 j 23:19	7°♏22'00	
	-3178 Dec 28 j 19:37	0°♐	
morning set	-3177 Jan 04 j 10:55	11°♐13'48	
max. Earth dist.	-3177 Jan 08 j 06:00	17°♐59'24	1.37738 AU
	-3177 Jan 14 j 16:02	0°♑	
superior conj	-3177 Jan 15 j 01:13	0°♑44'16	-1°-47'-36
minimum elong	-3177 Jan 15 j 03:56	0°♑57'21	1°47'32
evening rise	-3177 Jan 23 j 16:23	17°♑46'45	
asc. node	-3177 Jan 29 j 00:44	28°♑06'31	
	-3177 Jan 30 j 01:35	0°♒	
evening max el	-3177 Feb 09 j 10:53	14°♒49'34	19°09'24
retrograde	-3177 Feb 18 j 05:12	19°♒00'56	
evening set	-3177 Feb 20 j 13:06	18°♒44'27	
inferior conj	-3177 Feb 28 j 16:17	14°♒32'15	2°49'27
minimum elong	-3177 Feb 28 j 21:09	14°♒23'54	2°48'12
min. Earth dist.	-3177 Mar 03 j 16:51	12°♒28'39	0.56876 AU
morning rise	-3177 Mar 09 j 01:17	9°♒35'10	
desc. node	-3177 Mar 11 j 22:27	8°♒46'53	
direct	-3177 Mar 14 j 02:11	8°♒35'52	
morning max el	-3177 Mar 28 j 07:14	15°♒53'51	25°20'14
	-3177 Apr 08 j 15:50	0°♓	
morning set	-3177 Apr 24 j 02:45	28°♓08'35	
	-3177 Apr 24 j 23:52	0°♈	
asc. node	-3177 Apr 27 j 00:15	4°♈18'58	
superior conj	-3177 May 01 j 03:49	13°♈20'20	0°42'14
minimum elong	-3177 May 01 j 02:03	13°♈10'47	0°41'54
max. Earth dist.	-3177 May 02 j 04:14	15°♈33'10	1.32881 AU
evening rise	-3177 May 08 j 08:46	28°♈40'58	
	-3177 May 09 j 00:14	0°♉	
	-3177 May 25 j 22:21	0°♊	
desc. node	-3177 Jun 07 j 21:23	16°♊28'17	
evening max el	-3177 Jun 09 j 03:20	17°♊42'02	27°15'08
retrograde	-3177 Jun 23 j 00:53	25°♊04'13	
evening set	-3177 Jun 30 j 02:26	22°♊43'02	
min. Earth dist.	-3177 Jul 03 j 16:56	19°♊53'22	0.61954 AU
inferior conj	-3177 Jul 06 j 18:47	17°♊03'10	-4°-12'-17
minimum elong	-3177 Jul 06 j 21:36	16°♊56'40	4°11'51
morning rise	-3177 Jul 13 j 19:25	12°♊02'47	
direct	-3177 Jul 16 j 07:34	11°♊35'27	
morning max el	-3177 Jul 23 j 03:12	15°♊01'04	17°57'36
asc. node	-3177 Jul 23 j 23:36	15°♊53'27	
	-3177 Aug 02 j 12:04	0°♋	
morning set	-3177 Aug 08 j 05:50	10°♋16'45	
superior conj	-3177 Aug 19 j 02:18	29°♋35'07	1°29'45
minimum elong	-3177 Aug 19 j 07:02	29°♋55'29	1°29'26
	-3177 Aug 19 j 08:04	0°♌	
max. Earth dist.	-3177 Aug 26 j 08:47	11°♌49'05	1.42604 AU
evening rise	-3177 Sep 02 j 13:27	23°♌22'21	
desc. node	-3177 Sep 03 j 20:42	25°♌24'45	
	-3177 Sep 06 j 19:46	0°♍	
	-3177 Sep 27 j 15:27	0°♎	
greatest brilliancy	-3177 Sep 29 j 04:53	1°♎58'27	-0.4m
evening max el	-3177 Oct 04 j 02:15	7°♎33'34	21°45'19
retrograde	-3177 Oct 13 j 03:13	12°♎55'56	
evening set	-3177 Oct 17 j 09:00	11°♎17'05	
asc. node	-3177 Oct 19 j 22:37	8°♎42'34	
inferior conj	-3177 Oct 22 j 18:14	5°♎00'05	0°57'26
minimum elong	-3177 Oct 22 j 16:56	5°♎04'34	0°56'52
min. Earth dist.	-3177 Oct 22 j 22:46	4°♎44'24	0.67359 AU
	-3177 Oct 26 j 16:33	30°℞♍	
morning rise	-3177 Oct 28 j 00:36	28°♍43'16	
direct	-3177 Nov 01 j 20:57	26°♍41'57	
	-3177 Nov 09 j 00:27	0°♎	
morning max el	-3177 Nov 11 j 23:01	2°♎42'57	23°03'22
greatest brilliancy	-3177 Nov 16 j 21:49	8°♎16'43	-0.3m
desc. node	-3177 Nov 30 j 20:20	27°♎17'35	
	-3177 Dec 02 j 16:09	0°♏	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3177 Dec 16 j 09:58	21°♏37'49	
max. Earth dist.	-3177 Dec 21 j 01:25	29°♏28'53	1.39811 AU
	-3177 Dec 21 j 08:38	0°♐	
superior conj	-3177 Dec 28 j 18:20	13°♐11'51	-1°-55'-54
minimum elong	-3177 Dec 28 j 19:04	13°♐15'14	1°56'01
	-3176 Jan 06 j 16:00	0°♑	
evening rise	-3176 Jan 07 j 08:19	1°♑18'07	
asc. node	-3176 Jan 15 j 21:47	16°♑58'59	
evening max el	-3176 Jan 23 j 13:51	27°♑22'31	18°29'52
	-3176 Jan 27 j 01:31	0°♒	
retrograde	-3176 Jan 31 j 03:32	1°♒04'49	
evening set	-3176 Feb 02 j 14:49	0°♒42'26	
	-3176 Feb 04 j 10:08	30°℞♑	
inferior conj	-3176 Feb 10 j 01:24	26°♑10'21	3°41'19
minimum elong	-3176 Feb 10 j 04:28	26°♑04'13	3°40'49
min. Earth dist.	-3176 Feb 13 j 11:05	23°♑28'42	0.58713 AU
morning rise	-3176 Feb 17 j 14:30	20°♑47'12	
direct	-3176 Feb 23 j 18:09	19°♑10'03	
desc. node	-3176 Feb 26 j 19:34	19°♑33'34	
morning max el	-3176 Mar 09 j 00:47	26°♑44'28	26°39'42
	-3176 Mar 12 j 03:28	0°♒	
	-3176 Mar 31 j 23:30	0°♓	
morning set	-3176 Apr 07 j 13:35	13°♓06'01	
asc. node	-3176 Apr 12 j 21:16	24°♓30'48	
superior conj	-3176 Apr 14 j 15:28	28°♓21'48	0°18'23
minimum elong	-3176 Apr 14 j 14:40	28°♓17'22	0°18'12
max. Earth dist.	-3176 Apr 14 j 17:04	28°♓30'30	1.32556 AU
	-3176 Apr 15 j 09:24	0°♈	
evening rise	-3176 Apr 21 j 16:15	13°♈30'55	
	-3176 Apr 30 j 02:41	0°♉	
evening max el	-3176 May 21 j 05:29	29°♉40'33	26°32'54
	-3176 May 21 j 13:43	0°♊	
desc. node	-3176 May 24 j 18:29	2°♊43'25	
retrograde	-3176 Jun 04 j 06:54	6°♊58'54	
evening set	-3176 Jun 10 j 19:02	5°♊10'51	
min. Earth dist.	-3176 Jun 14 j 18:50	2°♊30'41	0.59936 AU
	-3176 Jun 17 j 21:51	30°℞♉	
inferior conj	-3176 Jun 18 j 03:29	29°♉48'33	-4°-24'-28
minimum elong	-3176 Jun 18 j 03:40	29°♉48'11	4°24'24
morning rise	-3176 Jun 25 j 15:44	25°♉10'02	
direct	-3176 Jun 28 j 03:10	24°♉47'23	
morning max el	-3176 Jul 05 j 14:09	28°♉23'44	18°16'00
	-3176 Jul 07 j 03:04	0°♊	
asc. node	-3176 Jul 09 j 20:41	3°♊28'07	
morning set	-3176 Jul 21 j 13:33	23°♊42'50	
	-3176 Jul 24 j 21:18	0°♋	
superior conj	-3176 Jul 31 j 02:32	11°♋32'16	1°45'04
minimum elong	-3176 Jul 31 j 04:43	11°♋42'14	1°45'05
max. Earth dist.	-3176 Aug 07 j 14:59	24°♋47'06	1.40819 AU
	-3176 Aug 10 j 17:17	0°♌	
evening rise	-3176 Aug 12 j 14:26	3°♌06'12	
desc. node	-3176 Aug 20 j 17:42	16°♌00'27	
	-3176 Aug 30 j 04:03	0°♍	
greatest brilliancy	-3176 Sep 10 j 09:54	15°♍02'22	-0.2m
evening max el	-3176 Sep 15 j 17:35	21°♍00'21	23°04'29
retrograde	-3176 Sep 25 j 20:59	27°♍00'47	
evening set	-3176 Sep 30 j 16:23	25°♍02'44	
asc. node	-3176 Oct 05 j 19:44	19°♍00'01	
inferior conj	-3176 Oct 06 j 00:58	18°♍41'59	0°04'30
minimum elong	-3176 Oct 06 j 00:52	18°♍42'21	0°04'28
transit middle	-3176 Oct 06 j 00:52	18°♍42'21	0°04'28
transit begin	-3176 Oct 05 j 22:16	18°♍51'18	
transit end	-3176 Oct 06 j 03:28	18°♍33'25	
min. Earth dist.	-3176 Oct 05 j 19:15	19°♍01'40	0.67469 AU
morning rise	-3176 Oct 11 j 09:19	12°♍28'04	
direct	-3176 Oct 15 j 15:21	10°♍48'30	
morning max el	-3176 Oct 24 j 13:11	16°♍04'39	21°39'22
greatest brilliancy	-3176 Oct 29 j 13:46	21°♍50'06	-0.4m
	-3176 Nov 04 j 17:11	0°♎	
desc. node	-3176 Nov 16 j 17:20	17°♎32'31	
	-3176 Nov 24 j 18:20	0°♏	
morning set	-3176 Nov 25 j 04:17	0°♏39'25	
max. Earth dist.	-3176 Dec 02 j 02:04	11°♏50'39	1.41809 AU
superior conj	-3176 Dec 09 j 14:48	24°♏37'17	-1°-52'-46
minimum elong	-3176 Dec 09 j 12:02	24°♏25'15	1°52'45
	-3176 Dec 12 j 16:13	0°♐	
evening rise	-3176 Dec 20 j 12:16	14°♐11'24	
	-3176 Dec 29 j 09:32	0°♑	
asc. node	-3175 Jan 01 j 18:50	5°♑14'20	
evening max el	-3175 Jan 05 j 22:54	10°♑19'21	18°10'20
retrograde	-3175 Jan 12 j 19:16	13°♑48'10	
evening set	-3175 Jan 15 j 09:41	13°♑18'39	
inferior conj	-3175 Jan 22 j 06:11	8°♑24'22	4°00'07
minimum elong	-3175 Jan 22 j 06:33	8°♑23'31	4°00'00
min. Earth dist.	-3175 Jan 25 j 10:57	5°♑28'27	0.60741 AU
morning rise	-3175 Jan 29 j 00:44	2°♑42'44	
direct	-3175 Feb 04 j 20:58	0°♑28'58	
desc. node	-3175 Feb 12 j 16:38	3°♑03'42	
morning max el	-3175 Feb 19 j 00:18	8°♑11'03	27°29'32
	-3175 Mar 07 j 16:21	0°♒	
morning set	-3175 Mar 22 j 21:17	27°♒52'27	
	-3175 Mar 23 j 21:52	0°♓	
max. Earth dist.	-3175 Mar 29 j 06:02	11°♓26'18	1.32579 AU
superior conj	-3175 Mar 30 j 02:57	13°♓20'25	0°-6'-42
minimum elong	-3175 Mar 30 j 03:15	13°♓22'04	0°06'41
behind sun begin	-3175 Mar 29 j 22:39	12°♓56'57	
behind sun end	-3175 Mar 30 j 07:51	13°♓47'12	
asc. node	-3175 Mar 30 j 18:17	14°♓44'13	
evening rise	-3175 Apr 06 j 02:48	28°♓28'00	
	-3175 Apr 06 j 20:22	0°♈	
	-3175 Apr 23 j 20:23	0°♉	
evening max el	-3175 May 03 j 01:19	10°♉56'58	25°21'37
desc. node	-3175 May 11 j 15:33	16°♉57'48	
retrograde	-3175 May 17 j 02:43	18°♉07'23	
evening set	-3175 May 22 j 13:34	16°♉57'53	
min. Earth dist.	-3175 May 27 j 13:31	14°♉10'22	0.57941 AU
inferior conj	-3175 May 30 j 17:44	11°♉57'57	-4°-8'-51
minimum elong	-3175 May 30 j 14:09	12°♉04'13	4°08'22
morning rise	-3175 Jun 07 j 18:43	7°♉40'59	
direct	-3175 Jun 10 j 06:27	7°♉21'57	
morning max el	-3175 Jun 18 j 18:40	11°♉21'30	18°54'40
asc. node	-3175 Jun 26 j 17:44	21°♉50'54	
	-3175 Jul 01 j 08:04	0°♊	
morning set	-3175 Jul 05 j 08:14	7°♊43'03	
superior conj	-3175 Jul 13 j 22:44	24°♊30'28	1°48'49
minimum elong	-3175 Jul 13 j 22:33	24°♊29'35	1°48'55
	-3175 Jul 16 j 20:39	0°♋	
max. Earth dist.	-3175 Jul 20 j 17:34	7°♋04'22	1.38860 AU
evening rise	-3175 Jul 24 j 17:11	14°♋04'17	
	-3175 Aug 03 j 10:09	0°♌	
desc. node	-3175 Aug 07 j 14:43	6°♌25'17	
	-3175 Aug 25 j 01:30	0°♍	
evening max el	-3175 Aug 29 j 05:26	4°♍29'39	24°24'41
retrograde	-3175 Sep 09 j 11:03	11°♍04'31	
evening set	-3175 Sep 14 j 21:24	8°♍47'08	
min. Earth dist.	-3175 Sep 19 j 14:43	3°♍20'28	0.67276 AU
inferior conj	-3175 Sep 20 j 06:53	2°♍26'10	0°-49'-25
minimum elong	-3175 Sep 20 j 08:04	2°♍22'14	0°48'53

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3175 Sep 22 j 03:30	30°♑	
asc. node	-3175 Sep 22 j 16:50	29°♌19'08	
morning rise	-3175 Sep 25 j 18:59	26°♌18'15	
direct	-3175 Sep 29 j 12:19	24°♌58'47	
morning max el	-3175 Oct 07 j 10:20	29°♌35'19	20°24'30
	-3175 Oct 07 j 19:53	0°♍	
greatest brilliancy	-3175 Oct 13 j 23:34	7°♍29'33	-0.5m
	-3175 Oct 29 j 09:05	0°♎	
desc. node	-3175 Nov 03 j 14:18	8°♎00'45	
morning set	-3175 Nov 04 j 03:32	8°♎51'57	
max. Earth dist.	-3175 Nov 14 j 10:33	25°♎05'51	1.43450 AU
	-3175 Nov 17 j 11:13	0°♏	
superior conj	-3175 Nov 20 j 09:10	4°♏47'07	-1°-34'-14
minimum elong	-3175 Nov 20 j 02:41	4°♏20'21	1°33'46
evening rise	-3175 Dec 03 j 00:04	26°♏17'32	
	-3175 Dec 05 j 03:02	0°♐	
asc. node	-3175 Dec 19 j 15:54	22°♐40'31	
evening max el	-3175 Dec 20 j 10:57	23°♐30'45	18°10'15
retrograde	-3175 Dec 27 j 00:11	26°♐59'21	
evening set	-3175 Dec 29 j 17:51	26°♐21'49	
inferior conj	-3174 Jan 05 j 03:09	21°♐06'11	3°54'25
minimum elong	-3174 Jan 05 j 01:25	21°♐10'43	3°54'09
min. Earth dist.	-3174 Jan 07 j 19:28	18°♐18'28	0.62670 AU
morning rise	-3174 Jan 11 j 07:06	15°♐11'24	
direct	-3174 Jan 18 j 08:20	12°♐31'59	
desc. node	-3174 Jan 30 j 13:41	18°♐42'59	
morning max el	-3174 Feb 01 j 05:42	20°♐17'37	27°43'30
	-3174 Feb 09 j 15:17	0°♑	
	-3174 Feb 28 j 14:40	0°♒	
morning set	-3174 Mar 06 j 23:37	12°♒19'13	
max. Earth dist.	-3174 Mar 12 j 15:05	24°♒05'10	1.32956 AU
superior conj	-3174 Mar 14 j 12:29	28°♒09'14	0°-32'-9
minimum elong	-3174 Mar 14 j 13:56	28°♒17'06	0°31'55
	-3174 Mar 15 j 08:57	0°♓	
asc. node	-3174 Mar 17 j 15:17	4°♓54'25	
evening rise	-3174 Mar 21 j 14:29	13°♓24'13	
	-3174 Mar 30 j 01:23	0°♈	
evening max el	-3174 Apr 14 j 16:59	21°♈43'05	23°51'49
retrograde	-3174 Apr 28 j 10:35	28°♈35'24	
desc. node	-3174 Apr 28 j 12:37	28°♈35'23	
evening set	-3174 May 02 j 12:59	27°♈58'13	
min. Earth dist.	-3174 May 09 j 04:14	24°♈49'27	0.56277 AU
inferior conj	-3174 May 11 j 11:46	23°♈24'41	-3°-15'-1
minimum elong	-3174 May 11 j 05:37	23°♈34'08	3°13'31
morning rise	-3174 May 20 j 02:02	19°♈24'22	
direct	-3174 May 22 j 14:37	19°♈07'58	
morning max el	-3174 Jun 01 j 14:10	23°♈45'30	19°53'57
	-3174 Jun 06 j 22:51	0°♉	
asc. node	-3174 Jun 13 j 14:46	10°♉50'18	
morning set	-3174 Jun 19 j 10:38	22°♉08'51	
	-3174 Jun 23 j 07:27	0°♊	
superior conj	-3174 Jun 27 j 09:29	8°♊14'26	1°43'41
minimum elong	-3174 Jun 27 j 07:43	8°♊05'36	1°43'41
max. Earth dist.	-3174 Jul 02 j 21:06	18°♊54'30	1.36972 AU
evening rise	-3174 Jul 06 j 20:03	26°♊13'59	
	-3174 Jul 08 j 22:36	0°♋	
desc. node	-3174 Jul 25 j 11:44	26°♋33'43	
	-3174 Jul 27 j 21:37	0°♌	
evening max el	-3174 Aug 11 j 16:12	18°♌01'47	25°38'34
retrograde	-3174 Aug 23 j 20:52	25°♌03'04	
evening set	-3174 Aug 29 j 22:14	22°♌28'57	
min. Earth dist.	-3174 Sep 03 j 06:50	17°♌39'13	0.66755 AU
inferior conj	-3174 Sep 04 j 10:14	16°♌11'11	-1°-42'-41
minimum elong	-3174 Sep 04 j 12:39	16°♌03'25	1°41'40
asc. node	-3174 Sep 09 j 13:54	10°♌36'00	
morning rise	-3174 Sep 10 j 03:43	10°♌12'21	
direct	-3174 Sep 13 j 10:31	9°♌10'01	
morning max el	-3174 Sep 20 j 14:50	13°♌15'37	19°22'52
greatest brilliancy	-3174 Sep 30 j 09:39	26°♌03'38	-0.7m
	-3174 Oct 03 j 00:43	0°♍	
morning set	-3174 Oct 14 j 06:33	17°♍23'23	
desc. node	-3174 Oct 21 j 11:17	28°♍38'29	
	-3174 Oct 22 j 08:05	0°♎	
max. Earth dist.	-3174 Oct 28 j 01:09	8°♎59'35	1.44512 AU
superior conj	-3174 Oct 31 j 00:51	13°♎44'04	0°-58'-38
minimum elong	-3174 Oct 30 j 18:10	13°♎17'29	0°57'53
	-3174 Nov 10 j 02:28	0°♏	
evening rise	-3174 Nov 14 j 15:13	7°♏28'41	
	-3174 Nov 28 j 13:41	0°♐	
evening max el	-3174 Dec 03 j 23:22	6°♐51'27	18°28'50
asc. node	-3174 Dec 06 j 12:56	9°♐04'19	
retrograde	-3174 Dec 10 j 13:53	10°♐30'32	
evening set	-3174 Dec 13 j 11:53	9°♐43'40	
inferior conj	-3174 Dec 19 j 12:32	4°♐09'05	3°31'41
minimum elong	-3174 Dec 19 j 09:42	4°♐17'19	3°31'04
min. Earth dist.	-3174 Dec 21 j 14:05	1°♐45'32	0.64326 AU
	-3174 Dec 23 j 04:54	30°♑	
morning rise	-3174 Dec 25 j 06:10	28°♏04'43	
direct	-3173 Jan 01 j 03:11	25°♏14'25	
	-3173 Jan 11 j 08:58	0°♐	
morning max el	-3173 Jan 14 j 14:41	2°♐57'48	27°21'56
desc. node	-3173 Jan 17 j 10:44	5°♐56'53	
	-3173 Feb 03 j 23:01	0°♑	
morning set	-3173 Feb 18 j 17:49	26°♑17'15	
	-3173 Feb 20 j 14:46	0°♒	
max. Earth dist.	-3173 Feb 23 j 16:12	6°♒14'09	1.33732 AU
superior conj	-3173 Feb 26 j 18:15	12°♒42'09	0°-56'-58
minimum elong	-3173 Feb 26 j 20:45	12°♒55'20	0°56'37
asc. node	-3173 Mar 04 j 12:17	24°♒57'12	
evening rise	-3173 Mar 06 j 01:30	28°♒13'16	
	-3173 Mar 06 j 22:00	0°♓	
	-3173 Mar 25 j 02:18	0°♈	
evening max el	-3173 Mar 27 j 10:33	2°♈25'42	22°17'42
retrograde	-3173 Apr 09 j 06:40	8°♈41'38	
evening set	-3173 Apr 12 j 04:47	8°♈22'48	
desc. node	-3173 Apr 15 j 09:42	7°♈22'43	
min. Earth dist.	-3173 Apr 20 j 18:07	4°♈40'21	0.55286 AU
inferior conj	-3173 Apr 21 j 13:00	4°♈13'35	-1°-40'-49
minimum elong	-3173 Apr 21 j 08:32	4°♈19'56	1°39'22
morning rise	-3173 Apr 30 j 14:07	0°♈16'54	
direct	-3173 May 03 j 06:47	0°♈00'24	
morning max el	-3173 May 14 j 23:00	5°♈28'55	21°12'35
asc. node	-3173 May 31 j 11:47	0°♉17'06	
	-3173 May 31 j 08:18	0°♉	
morning set	-3173 Jun 03 j 18:14	6°♉52'49	
superior conj	-3173 Jun 11 j 06:28	22°♉31'05	1°31'57
minimum elong	-3173 Jun 11 j 03:56	22°♉18'00	1°31'45
	-3173 Jun 14 j 22:41	0°♊	
max. Earth dist.	-3173 Jun 15 j 07:31	0°♊44'04	1.35359 AU
evening rise	-3173 Jun 19 j 18:01	9°♊21'58	
	-3173 Jul 01 j 12:00	0°♋	
desc. node	-3173 Jul 12 j 08:46	16°♋17'49	
	-3173 Jul 23 j 14:32	0°♌	
evening max el	-3173 Jul 25 j 03:22	1°♌32'19	26°38'10
retrograde	-3173 Aug 07 j 01:51	8°♌49'15	
evening set	-3173 Aug 13 j 16:38	6°♌04'28	
min. Earth dist.	-3173 Aug 17 j 17:16	1°♌53'07	0.65884 AU
inferior conj	-3173 Aug 19 j 09:05	29°♋53'19	-2°-33'-26

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3173 Aug 19 j 12:31	29°♋42'57	2°32'10
	-3173 Aug 19 j 06:52	30°℞♋	
morning rise	-3173 Aug 25 j 09:29	24°♋06'37	
asc. node	-3173 Aug 27 j 10:59	23°♋22'15	
direct	-3173 Aug 28 j 08:03	23°♋17'55	
morning max el	-3173 Sep 04 j 01:12	27°♋01'29	18°36'38
	-3173 Sep 06 j 15:52	0°♌	
morning set	-3173 Sep 24 j 08:18	27°♌03'38	
	-3173 Sep 26 j 04:10	0°♍	
desc. node	-3173 Oct 08 j 08:16	19°♍21'29	
superior conj	-3173 Oct 10 j 01:01	22°♍02'05	0°-10'-50
minimum elong	-3173 Oct 09 j 23:35	21°♍56'26	0°10'38
behind sun begin	-3173 Oct 09 j 14:51	21°♍22'02	
behind sun end	-3173 Oct 10 j 08:19	22°♍30'49	
max. Earth dist.	-3173 Oct 10 j 18:44	23°♍11'50	1.44874 AU
	-3173 Oct 15 j 02:27	0°♎	
evening rise	-3173 Oct 26 j 06:00	17°♎37'04	
	-3173 Nov 03 j 01:12	0°♏	
evening max el	-3173 Nov 17 j 09:40	20°♏16'51	19°05'03
asc. node	-3173 Nov 23 j 10:00	24°♏10'20	
retrograde	-3173 Nov 24 j 08:40	24°♏15'21	
evening set	-3173 Nov 27 j 12:48	23°♏17'07	
inferior conj	-3173 Dec 03 j 06:55	17°♏26'32	2°57'18
minimum elong	-3173 Dec 03 j 03:49	17°♏36'13	2°56'22
min. Earth dist.	-3173 Dec 04 j 18:05	15°♏36'14	0.65630 AU
morning rise	-3173 Dec 08 j 17:54	11°♏15'30	
direct	-3173 Dec 15 j 04:30	8°♏28'17	
morning max el	-3173 Dec 28 j 00:19	15°♏58'45	26°30'29
desc. node	-3172 Jan 04 j 07:47	24°♏17'44	
	-3172 Jan 08 j 16:04	0°♐	
	-3172 Jan 27 j 18:24	0°♑	
morning set	-3172 Feb 02 j 00:14	9°♑35'06	
max. Earth dist.	-3172 Feb 06 j 06:01	17°♑46'46	1.34953 AU
superior conj	-3172 Feb 10 j 18:05	26°♑52'33	-1°-19'-52
minimum elong	-3172 Feb 10 j 21:16	27°♑08'53	1°19'31
	-3172 Feb 12 j 06:22	0°♒	
evening rise	-3172 Feb 18 j 10:07	12°♒49'15	
asc. node	-3172 Feb 19 j 09:17	14°♒48'10	
	-3172 Feb 27 j 09:46	0°♓	
evening max el	-3172 Mar 08 j 12:09	13°♓31'16	20°51'41
retrograde	-3172 Mar 19 j 20:08	18°♓56'05	
evening set	-3172 Mar 22 j 04:23	18°♓43'05	
inferior conj	-3172 Mar 31 j 08:07	14°♓45'34	0°15'49
minimum elong	-3172 Mar 31 j 08:50	14°♓44'31	0°15'32
transit middle	-3172 Mar 31 j 08:50	14°♓44'31	0°15'32
transit begin	-3172 Mar 31 j 08:02	14°♓45'41	
transit end	-3172 Mar 31 j 09:39	14°♓43'22	
desc. node	-3172 Apr 01 j 06:47	14°♓13'07	
min. Earth dist.	-3172 Apr 01 j 08:18	14°♓10'57	0.55202 AU
morning rise	-3172 Apr 09 j 12:00	10°♓34'25	
direct	-3172 Apr 12 j 18:39	10°♓11'02	
morning max el	-3172 Apr 25 j 21:30	16°♓32'19	22°46'15
	-3172 May 06 j 12:13	0°♈	
asc. node	-3172 May 17 j 08:49	20°♈04'11	
morning set	-3172 May 18 j 05:02	21°♈49'06	
	-3172 May 22 j 01:46	0°♉	
superior conj	-3172 May 25 j 10:31	7°♉10'38	1°15'19
minimum elong	-3172 May 25 j 07:54	6°♉56'47	1°14'59
max. Earth dist.	-3172 May 28 j 04:00	12°♉55'09	1.34110 AU
evening rise	-3172 Jun 02 j 06:07	23°♉14'09	
	-3172 Jun 05 j 18:37	0°♊	
	-3172 Jun 24 j 03:31	0°♋	
desc. node	-3172 Jun 28 j 05:48	5°♋27'18	
evening max el	-3172 Jul 06 j 14:50	14°♋53'22	27°15'38
retrograde	-3172 Jul 20 j 01:24	22°♋15'53	
evening set	-3172 Jul 27 j 01:56	19°♋30'09	
min. Earth dist.	-3172 Jul 30 j 19:53	15°♋55'58	0.64645 AU
inferior conj	-3172 Aug 02 j 01:11	13°♋28'55	-3°-19'-12
minimum elong	-3172 Aug 02 j 05:10	13°♋17'57	3°18'02
morning rise	-3172 Aug 08 j 09:56	7°♋57'35	
direct	-3172 Aug 11 j 02:46	7°♋19'09	
asc. node	-3172 Aug 13 j 08:05	7°♋45'04	
morning max el	-3172 Aug 17 j 15:12	10°♋48'52	18°07'13
	-3172 Aug 30 j 18:33	0°♌	
morning set	-3172 Sep 04 j 13:46	8°♌04'17	
	-3172 Sep 17 j 20:56	0°♍	
superior conj	-3172 Sep 18 j 07:44	0°♍43'25	0°37'14
minimum elong	-3172 Sep 18 j 11:57	1°♍00'22	0°36'44
max. Earth dist.	-3172 Sep 22 j 12:25	7°♍25'12	1.44509 AU
desc. node	-3172 Sep 24 j 05:14	10°♍06'39	
evening rise	-3172 Oct 04 j 21:52	26°♍48'14	
	-3172 Oct 06 j 23:29	0°♎	
greatest brilliancy	-3172 Oct 23 j 07:11	24°♎31'23	-0.6m
	-3172 Oct 27 j 09:46	0°♏	
evening max el	-3172 Oct 30 j 15:46	3°♏43'59	19°57'11
retrograde	-3172 Nov 07 j 05:41	8°♏09'51	
asc. node	-3172 Nov 09 j 07:05	7°♏45'19	
evening set	-3172 Nov 10 j 18:07	6°♏57'42	
inferior conj	-3172 Nov 16 j 07:30	0°♏54'13	2°14'50
minimum elong	-3172 Nov 16 j 04:47	1°♏03'11	2°13'50
	-3172 Nov 16 j 23:50	30°℞♎	
min. Earth dist.	-3172 Nov 17 j 05:40	29°♎40'45	0.66570 AU
morning rise	-3172 Nov 21 j 14:50	24°♎39'04	
direct	-3172 Nov 27 j 11:26	22°♎05'31	
morning max el	-3172 Dec 09 j 09:05	29°♎09'17	25°17'43
	-3172 Dec 10 j 04:54	0°♏	
desc. node	-3172 Dec 21 j 04:49	13°♏25'47	
	-3171 Jan 01 j 12:05	0°♐	
morning set	-3171 Jan 14 j 13:52	21°♐57'51	
max. Earth dist.	-3171 Jan 18 j 08:29	28°♐53'58	1.36622 AU
	-3171 Jan 18 j 22:32	0°♑	
superior conj	-3171 Jan 24 j 09:08	10°♑31'39	-1°-39'-6
minimum elong	-3171 Jan 24 j 12:19	10°♑47'25	1°38'55
evening rise	-3171 Feb 01 j 14:16	27°♑05'39	
	-3171 Feb 03 j 01:03	0°♒	
asc. node	-3171 Feb 05 j 06:19	4°♒21'42	
evening max el	-3171 Feb 19 j 00:18	25°♒11'25	19°41'17
retrograde	-3171 Feb 28 j 15:16	29°♒45'59	
evening set	-3171 Mar 02 j 22:01	29°♒31'44	
inferior conj	-3171 Mar 11 j 11:09	25°♒28'24	2°02'30
minimum elong	-3171 Mar 11 j 15:40	25°♒21'15	2°01'06
min. Earth dist.	-3171 Mar 13 j 22:42	23°♒54'51	0.56047 AU
desc. node	-3171 Mar 19 j 03:54	21°♒12'27	
morning rise	-3171 Mar 20 j 05:56	20°♒49'29	
direct	-3171 Mar 24 j 14:06	20°♒07'20	
morning max el	-3171 Apr 07 j 13:16	27°♒08'52	24°25'48
	-3171 Apr 10 j 07:33	0°♓	
	-3171 Apr 29 j 09:07	0°♈	
morning set	-3171 May 02 j 17:11	6°♈50'32	
asc. node	-3171 May 04 j 05:51	10°♈04'36	
superior conj	-3171 May 09 j 19:02	22°♈03'45	0°55'06
minimum elong	-3171 May 09 j 16:51	21°♈51'57	0°54'44
max. Earth dist.	-3171 May 11 j 09:27	25°♈30'49	1.33230 AU
	-3171 May 13 j 11:58	0°♉	
evening rise	-3171 May 17 j 04:06	7°♉36'25	
	-3171 May 29 j 06:26	0°♊	
desc. node	-3171 Jun 15 j 02:51	23°♊46'50	
evening max el	-3171 Jun 19 j 00:41	27°♊51'31	27°24'35

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3171 Jun	21 j 09:55	0°♋	
retrograde	-3171 Jul	02 j 18:47	5°♋13'45	
evening set	-3171 Jul	09 j 22:41	2°♋39'42	
	-3171 Jul	13 j 03:09	30°℞♊	
min. Earth dist.	-3171 Jul	13 j 12:51	29°♊37'02	0.63034 AU
inferior conj	-3171 Jul	16 j 07:46	26°♊51'30	-3°-56'-33
minimum elong	-3171 Jul	16 j 11:23	26°♊42'32	3°55'49
morning rise	-3171 Jul	23 j 02:13	21°♊38'51	
direct	-3171 Jul	25 j 15:37	21°♊07'56	
asc. node	-3171 Jul	31 j 05:11	23°♊34'30	
morning max el	-3171 Aug	01 j 06:15	24°♊32'13	17°55'44
	-3171 Aug	05 j 17:03	0°♋	
morning set	-3171 Aug	17 j 19:09	20°♋13'31	
	-3171 Aug	23 j 09:00	0°♌	
superior conj	-3171 Aug	29 j 14:20	10°♌36'32	1°14'41
minimum elong	-3171 Aug	29 j 19:55	10°♌59'55	1°14'11
max. Earth dist.	-3171 Sep	05 j 03:37	21°♌23'18	1.43466 AU
	-3171 Sep	10 j 13:15	0°♍	
desc. node	-3171 Sep	11 j 02:14	0°♍51'03	
evening rise	-3171 Sep	14 j 02:36	5°♍33'22	
	-3171 Sep	30 j 09:21	0°♎	
greatest brilliancy	-3171 Oct	08 j 04:34	10°♎44'52	-0.5m
evening max el	-3171 Oct	13 j 16:08	17°♎10'56	21°02'47
retrograde	-3171 Oct	22 j 02:46	22°♎10'59	
evening set	-3171 Oct	26 j 01:41	20°♎42'21	
asc. node	-3171 Oct	27 j 04:11	19°♎45'48	
inferior conj	-3171 Oct	31 j 11:59	14°♎29'16	1°26'49
minimum elong	-3171 Oct	31 j 10:05	14°♎35'45	1°26'02
min. Earth dist.	-3171 Oct	31 j 22:35	13°♎52'59	0.67166 AU
morning rise	-3171 Nov	05 j 18:07	8°♎12'29	
direct	-3171 Nov	10 j 23:18	5°♎58'48	
morning max el	-3171 Nov	21 j 17:51	12°♎24'18	23°53'25
	-3171 Dec	05 j 21:07	0°♏	
desc. node	-3171 Dec	08 j 01:50	3°♏07'14	
	-3171 Dec	25 j 08:00	0°♐	
morning set	-3171 Dec	27 j 04:43	3°♐09'24	
max. Earth dist.	-3171 Dec	31 j 04:48	10°♐07'44	1.38615 AU
superior conj	-3170 Jan	07 j 11:37	23°♐29'16	-1°-52'-17
minimum elong	-3170 Jan	07 j 13:41	23°♐39'03	1°52'18
	-3170 Jan	10 j 21:13	0°♑	
evening rise	-3170 Jan	16 j 11:32	10°♑56'02	
asc. node	-3170 Jan	23 j 03:22	23°♑31'36	
	-3170 Jan	27 j 00:44	0°♒	
evening max el	-3170 Feb	01 j 22:25	7°♒26'39	18°50'04
retrograde	-3170 Feb	10 j 03:02	11°♒23'44	
evening set	-3170 Feb	12 j 12:29	11°♒04'51	
inferior conj	-3170 Feb	20 j 08:18	6°♒44'19	3°16'00
minimum elong	-3170 Feb	20 j 12:40	6°♒36'20	3°15'02
min. Earth dist.	-3170 Feb	23 j 14:37	4°♒22'16	0.57614 AU
morning rise	-3170 Feb	28 j 09:03	1°♒35'28	
direct	-3170 Mar	05 j 22:11	0°♒21'03	
desc. node	-3170 Mar	06 j 01:00	0°♒21'05	
morning max el	-3170 Mar	20 j 04:40	7°♒46'38	25°57'05
	-3170 Apr	05 j 17:34	0°♓	
morning set	-3170 Apr	17 j 04:59	21°♓51'14	
asc. node	-3170 Apr	21 j 02:52	0°♈13'27	
	-3170 Apr	21 j 00:24	0°♈	
superior conj	-3170 Apr	24 j 06:02	7°♈03'41	0°32'19
minimum elong	-3170 Apr	24 j 04:40	6°♈56'07	0°32'02
max. Earth dist.	-3170 Apr	24 j 20:43	8°♈23'53	1.32704 AU
evening rise	-3170 May	01 j 08:49	22°♈18'26	
	-3170 May	05 j 04:27	0°♉	
	-3170 May	23 j 09:06	0°♊	
evening max el	-3170 Jun	01 j 06:06	10°♊13'29	27°01'02
desc. node	-3170 Jun	01 j 23:56	10°♊55'15	
retrograde	-3170 Jun	15 j 05:09	17°♊33'45	
evening set	-3170 Jun	22 j 02:44	15°♊25'12	
min. Earth dist.	-3170 Jun	25 j 19:39	12°♊41'57	0.61116 AU
inferior conj	-3170 Jun	29 j 01:27	9°♊52'44	-4°-20'-10
minimum elong	-3170 Jun	29 j 03:21	9°♊48'36	4°19'58
morning rise	-3170 Jul	06 j 06:53	5°♊01'36	
direct	-3170 Jul	08 j 18:43	4°♊36'18	
morning max el	-3170 Jul	15 j 19:32	8°♊04'41	18°03'03
asc. node	-3170 Jul	18 j 02:16	10°♊35'07	
	-3170 Jul	30 j 00:19	0°♋	
morning set	-3170 Jul	31 j 18:40	3°♋15'12	
superior conj	-3170 Aug	11 j 00:29	21°♋51'45	1°37'50
minimum elong	-3170 Aug	11 j 04:12	22°♋08'08	1°37'41
	-3170 Aug	15 j 17:13	0°♌	
max. Earth dist.	-3170 Aug	18 j 13:27	4°♌47'19	1.41884 AU
evening rise	-3170 Aug	24 j 15:27	14°♌42'33	
desc. node	-3170 Aug	28 j 23:13	21°♌31'02	
	-3170 Sep	03 j 12:34	0°♍	
greatest brilliancy	-3170 Sep	21 j 16:41	25°♍16'47	-0.3m
	-3170 Sep	25 j 20:00	0°♎	
evening max el	-3170 Sep	26 j 10:18	0°♎36'49	22°18'21
retrograde	-3170 Oct	05 j 22:12	6°♎15'30	
evening set	-3170 Oct	10 j 09:39	4°♎28'20	
asc. node	-3170 Oct	14 j 01:18	0°♎28'54	
	-3170 Oct	14 j 10:01	30°℞♍	
inferior conj	-3170 Oct	15 j 18:25	28°♍09'08	0°35'11
minimum elong	-3170 Oct	15 j 17:36	28°♍11'57	0°34'50
min. Earth dist.	-3170 Oct	15 j 18:27	28°♍08'59	0.67446 AU
morning rise	-3170 Oct	21 j 01:25	21°♍53'23	
direct	-3170 Oct	25 j 15:26	20°♍01'40	
morning max el	-3170 Nov	04 j 05:15	25°♍43'14	22°26'53
	-3170 Nov	08 j 01:52	0°♎	
greatest brilliancy	-3170 Nov	08 j 21:41	0°♎59'45	-0.3m
desc. node	-3170 Nov	24 j 22:50	23°♎11'53	
	-3170 Nov	29 j 10:34	0°♏	
morning set	-3170 Dec	07 j 15:19	12°♏57'07	
max. Earth dist.	-3170 Dec	13 j 02:08	21°♏59'10	1.40691 AU
	-3170 Dec	17 j 17:49	0°♐	
superior conj	-3170 Dec	20 j 20:34	5°♐31'40	-1°-56'-13
minimum elong	-3170 Dec	20 j 19:59	5°♐29'01	1°56'19
evening rise	-3170 Dec	30 j 22:48	24°♐12'15	
	-3169 Jan	03 j 01:09	0°♑	
asc. node	-3169 Jan	10 j 00:25	12°♑09'30	
evening max el	-3169 Jan	16 j 04:11	20°♑10'03	18°19'03
retrograde	-3169 Jan	23 j 09:22	23°♑45'16	
evening set	-3169 Jan	25 j 21:52	23°♑20'04	
inferior conj	-3169 Feb	02 j 02:05	18°♑38'23	3°52'51
minimum elong	-3169 Feb	02 j 04:00	18°♑34'19	3°52'35
min. Earth dist.	-3169 Feb	05 j 10:53	15°♑47'38	0.59569 AU
morning rise	-3169 Feb	09 j 06:52	13°♑06'11	
direct	-3169 Feb	15 j 18:44	11°♑12'48	
desc. node	-3169 Feb	20 j 22:04	12°♑19'39	
morning max el	-3169 Mar	02 j 00:47	18°♑51'33	27°05'11
	-3169 Mar	11 j 10:56	0°♒	
	-3169 Mar	29 j 07:01	0°♓	
morning set	-3169 Apr	01 j 14:43	6°♓44'56	
asc. node	-3169 Apr	07 j 23:53	20°♓26'27	
superior conj	-3169 Apr	08 j 17:48	22°♓04'31	0°07'51
minimum elong	-3169 Apr	08 j 17:27	22°♓02'35	0°07'45
behind sun begin	-3169 Apr	08 j 13:04	21°♓38'34	
behind sun end	-3169 Apr	08 j 21:50	22°♓26'37	
max. Earth dist.	-3169 Apr	08 j 10:03	21°♓22'05	1.32517 AU
	-3169 Apr	12 j 08:54	0°♈	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-3169 Apr 15 j 17:48	7°♈11'58		
	-3169 Apr 27 j 18:31	0°♉		
evening max el	-3169 May 14 j 05:15	21°♉52'47	26°05'38	
desc. node	-3169 May 19 j 21:00	26°♉23'43		
retrograde	-3169 May 28 j 07:17	29°♉09'23		
evening set	-3169 Jun 03 j 10:09	27°♉37'20		
min. Earth dist.	-3169 Jun 07 j 17:57	24°♉56'14	0.59061 AU	
inferior conj	-3169 Jun 11 j 02:39	22°♉23'48	-4°-21'-57	
minimum elong	-3169 Jun 11 j 01:18	22°♉26'23	4°21'49	
morning rise	-3169 Jun 18 j 20:14	17°♉55'10		
direct	-3169 Jun 21 j 07:41	17°♉34'14		
morning max el	-3169 Jun 29 j 04:11	21°♉18'35	18°30'03	
asc. node	-3169 Jul 04 j 23:19	28°♉32'03		
	-3169 Jul 05 j 22:03	0°♊		
morning set	-3169 Jul 15 j 07:30	16°♊57'11		
	-3169 Jul 22 j 02:57	0°♋		
superior conj	-3169 Jul 24 j 09:59	4°♋17'40	1°47'55	
minimum elong	-3169 Jul 24 j 11:05	4°♋22'49	1°47'59	
max. Earth dist.	-3169 Jul 31 j 17:24	17°♋26'34	1.39984 AU	
evening rise	-3169 Aug 05 j 03:07	24°♋57'16		
	-3169 Aug 08 j 04:33	0°♌		
desc. node	-3169 Aug 15 j 20:14	12°♌03'07		
	-3169 Aug 28 j 07:14	0°♍		
evening max el	-3169 Sep 08 j 23:42	14°♍04'24	23°38'46	
retrograde	-3169 Sep 19 j 14:40	20°♍20'58		
evening set	-3169 Sep 24 j 16:16	18°♍14'31		
min. Earth dist.	-3169 Sep 29 j 14:52	12°♍27'38	0.67424 AU	
inferior conj	-3169 Sep 30 j 01:01	11°♍52'57	0°-18'-20	
minimum elong	-3169 Sep 30 j 01:27	11°♍51'28	0°18'08	
asc. node	-3169 Sep 30 j 22:23	10°♍40'21		
morning rise	-3169 Oct 05 j 10:45	5°♍41'05		
direct	-3169 Oct 09 j 11:02	4°♍10'33		
morning max el	-3169 Oct 17 j 22:17	9°♍09'24	21°06'03	
greatest brilliancy	-3169 Oct 23 j 11:41	15°♍38'48	-0.5m	
	-3169 Nov 02 j 18:58	0°♎		
desc. node	-3169 Nov 11 j 19:49	13°♎33'21		
morning set	-3169 Nov 16 j 23:24	21°♎31'42		
	-3169 Nov 22 j 07:39	0°♏		
max. Earth dist.	-3169 Nov 25 j 05:37	4°♏43'10	1.42568 AU	
superior conj	-3169 Dec 02 j 06:25	16°♏26'01	-1°-46'-58	
minimum elong	-3169 Dec 02 j 01:56	16°♏06'56	1°46'47	
	-3169 Dec 10 j 01:28	0°♐		
evening rise	-3169 Dec 13 j 20:25	6°♐46'39		
asc. node	-3169 Dec 27 j 21:27	0°♑05'38		
	-3169 Dec 27 j 19:43	0°♑		
evening max el	-3169 Dec 30 j 14:49	3°♑13'57	18°07'56	
retrograde	-3168 Jan 06 j 07:10	6°♑41'18		
evening set	-3168 Jan 08 j 22:46	6°♑08'38		
inferior conj	-3168 Jan 15 j 14:13	1°♑05'20	4°00'09	
minimum elong	-3168 Jan 15 j 13:35	1°♑06'55	4°00'02	
	-3168 Jan 16 j 16:49	30°℞♐		
min. Earth dist.	-3168 Jan 18 j 14:24	28°♐10'03	0.61588 AU	
morning rise	-3168 Jan 22 j 01:59	25°♐17'21		
direct	-3168 Jan 29 j 01:41	22°♐50'36		
desc. node	-3168 Feb 07 j 19:08	26°♐49'02		
	-3168 Feb 11 j 12:16	0°♑		
morning max el	-3168 Feb 12 j 03:01	0°♑35'41	27°39'55	
	-3168 Mar 04 j 11:39	0°♒		
morning set	-3168 Mar 15 j 20:23	21°♒24'01		
	-3168 Mar 19 j 22:54	0°♓		
max. Earth dist.	-3168 Mar 21 j 21:37	4°♓11'27	1.32684 AU	
superior conj	-3168 Mar 23 j 04:38	6°♓59'47	0°-17'-30	
minimum elong	-3168 Mar 23 j 05:26	7°♓04'08	0°17'24	
asc. node	-3168 Mar 24 j 20:52	10°♓39'03		
evening rise	-3168 Mar 30 j 05:01	22°♓09'16		
	-3168 Apr 03 j 00:48	0°♈		
	-3168 Apr 22 j 03:34	0°♉		
evening max el	-3168 Apr 24 j 22:44	2°♉53'50	24°45'01	
desc. node	-3168 May 05 j 18:04	9°♉35'24		
retrograde	-3168 May 08 j 22:42	9°♉59'00		
evening set	-3168 May 13 j 19:43	9°♉04'53		
min. Earth dist.	-3168 May 19 j 10:48	6°♉09'32	0.57160 AU	
inferior conj	-3168 May 22 j 08:18	4°♉15'30	-3°-51'-12	
minimum elong	-3168 May 22 j 03:17	4°♉23'47	3°50'18	
morning rise	-3168 May 30 j 14:56	0°♉06'34		
	-3168 May 31 j 03:34	30°℞♈		
direct	-3168 Jun 02 j 02:41	29°♈48'58		
	-3168 Jun 04 j 00:48	0°♉		
morning max el	-3168 Jun 11 j 05:12	4°♉03'24	19°17'25	
asc. node	-3168 Jun 20 j 20:21	17°♉11'39		
	-3168 Jun 27 j 15:52	0°♊		
morning set	-3168 Jun 28 j 05:48	1°♊09'00		
superior conj	-3168 Jul 06 j 12:56	17°♊36'55	1°47'35	
minimum elong	-3168 Jul 06 j 11:58	17°♊32'13	1°47'39	
max. Earth dist.	-3168 Jul 12 j 19:11	29°♊27'35	1.38029 AU	
	-3168 Jul 13 j 02:16	0°♋		
evening rise	-3168 Jul 16 j 16:38	6°♋27'16		
	-3168 Jul 31 j 03:19	0°♌		
desc. node	-3168 Aug 01 j 17:15	2°♌21'45		
evening max el	-3168 Aug 21 j 10:51	27°♌35'17	24°57'24	
	-3168 Aug 24 j 01:42	0°♍		
retrograde	-3168 Sep 02 j 03:06	4°♍22'59		
evening set	-3168 Sep 07 j 19:45	1°♍58'14		
	-3168 Sep 09 j 19:01	30°℞♌		
min. Earth dist.	-3168 Sep 12 j 09:20	26°♌46'42	0.67092 AU	
inferior conj	-3168 Sep 13 j 06:05	25°♌38'06	-1°-12'-11	
minimum elong	-3168 Sep 13 j 07:48	25°♌32'26	1°11'25	
asc. node	-3168 Sep 16 j 19:28	21°♌18'24		
morning rise	-3168 Sep 18 j 20:15	19°♌33'22		
direct	-3168 Sep 22 j 08:48	18°♌21'31		
morning max el	-3168 Sep 29 j 22:33	22°♌44'08	19°56'26	
	-3168 Oct 05 j 22:45	0°♍		
greatest brilliancy	-3168 Oct 07 j 12:28	2°♍09'26	-0.6m	
morning set	-3168 Oct 25 j 21:12	29°♍43'53		
	-3168 Oct 26 j 01:22	0°♎		
desc. node	-3168 Oct 28 j 16:49	4°♎06'26		
max. Earth dist.	-3168 Nov 06 j 16:38	18°♎15'55	1.43984 AU	
superior conj	-3168 Nov 11 j 13:07	26°♎04'17	-1°-21'-9	
minimum elong	-3168 Nov 11 j 05:53	25°♎34'55	1°20'29	
	-3168 Nov 13 j 22:56	0°♏		
evening rise	-3168 Nov 25 j 00:00	18°♏30'49		
	-3168 Dec 01 j 17:50	0°♐		
evening max el	-3168 Dec 13 j 03:27	16°♐31'10	18°15'58	
asc. node	-3168 Dec 13 j 18:29	17°♐07'51		
retrograde	-3168 Dec 19 j 16:11	20°♐02'39		
evening set	-3168 Dec 22 j 11:34	19°♐21'20		
inferior conj	-3168 Dec 28 j 16:56	13°♐57'34	3°46'27	
minimum elong	-3168 Dec 28 j 14:37	14°♐03'56	3°46'03	
min. Earth dist.	-3168 Dec 31 j 03:10	11°♐18'29	0.63421 AU	
morning rise	-3167 Jan 03 j 16:02	7°♐58'34		
direct	-3167 Jan 10 j 16:39	5°♐12'24		
morning max el	-3167 Jan 24 j 10:05	12°♐57'51	27°38'19	
desc. node	-3167 Jan 24 j 16:11	13°♐13'01		
	-3167 Feb 07 j 03:24	0°♑		
	-3167 Feb 24 j 22:10	0°♒		
morning set	-3167 Feb 27 j 19:39	5°♒40'20		
max. Earth dist.	-3167 Mar 05 j 03:38	16°♒38'51	1.33234 AU	
superior conj	-3167 Mar 07 j 12:51	21°♒43'31	0°-42'-49	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3167 Mar 07 j 14:46	21°♒53'49	0°42'31
	-3167 Mar 11 j 09:05	0°♓	
asc. node	-3167 Mar 11 j 17:52	0°♓47'14	
evening rise	-3167 Mar 14 j 16:39	7°♓03'56	
	-3167 Mar 26 j 22:48	0°♈	
evening max el	-3167 Apr 06 j 14:37	13°♈36'05	23°11'34
retrograde	-3167 Apr 20 j 00:58	20°♈14'32	
desc. node	-3167 Apr 22 j 15:07	19°♈59'44	
evening set	-3167 Apr 23 j 13:57	19°♈47'07	
min. Earth dist.	-3167 May 01 j 01:06	16°♈25'46	0.55758 AU
inferior conj	-3167 May 02 j 18:24	15°♈25'15	-2°-39'-30
minimum elong	-3167 May 02 j 12:21	15°♈34'10	2°37'47
morning rise	-3167 May 11 j 13:47	11°♈28'04	
direct	-3167 May 14 j 03:30	11°♈12'01	
morning max el	-3167 May 24 j 20:10	16°♈10'23	20°25'07
	-3167 Jun 04 j 04:18	0°♉	
asc. node	-3167 Jun 07 j 17:23	6°♉23'53	
morning set	-3167 Jun 12 j 10:41	15°♉43'20	
	-3167 Jun 19 j 09:37	0°♊	
superior conj	-3167 Jun 20 j 04:28	1°♊35'46	1°39'24
minimum elong	-3167 Jun 20 j 02:17	1°♊24'40	1°39'19
max. Earth dist.	-3167 Jun 25 j 01:13	11°♊14'47	1.36250 AU
evening rise	-3167 Jun 29 j 04:18	19°♊03'36	
	-3167 Jul 05 j 07:51	0°♋	
desc. node	-3167 Jul 19 j 14:15	22°♋20'36	
	-3167 Jul 25 j 05:29	0°♌	
evening max el	-3167 Aug 03 j 21:55	11°♌08'03	26°06'15
retrograde	-3167 Aug 16 j 10:44	18°♌16'35	
evening set	-3167 Aug 22 j 18:06	15°♌37'18	
min. Earth dist.	-3167 Aug 26 j 23:20	11°♌03'40	0.66429 AU
inferior conj	-3167 Aug 28 j 07:46	9°♌22'07	-2°-4'-38
minimum elong	-3167 Aug 28 j 10:39	9°♌13'04	2°03'29
morning rise	-3167 Sep 03 j 03:59	3°♌27'53	
asc. node	-3167 Sep 03 j 16:33	3°♌10'38	
direct	-3167 Sep 06 j 07:04	2°♌31'36	
morning max el	-3167 Sep 13 j 05:40	6°♌26'32	19°01'12
	-3167 Sep 29 j 20:10	0°♍	
morning set	-3167 Oct 05 j 08:24	8°♍40'51	
desc. node	-3167 Oct 15 j 13:49	24°♍46'43	
	-3167 Oct 18 j 21:25	0°♎	
max. Earth dist.	-3167 Oct 20 j 09:13	2°♎21'04	1.44758 AU
superior conj	-3167 Oct 21 j 19:58	4°♎38'08	0°-39'-15
minimum elong	-3167 Oct 21 j 14:59	4°♎18'31	0°38'38
evening rise	-3167 Nov 06 j 05:03	29°♎15'47	
	-3167 Nov 06 j 15:55	0°♏	
evening max el	-3167 Nov 26 j 15:20	29°♏54'55	18°42'11
	-3167 Nov 26 j 17:19	0°♐	
asc. node	-3167 Nov 30 j 15:34	3°♐01'00	
retrograde	-3167 Dec 03 j 08:26	3°♐40'53	
evening set	-3167 Dec 06 j 08:55	2°♐49'16	
	-3167 Dec 09 j 18:23	30°℞♏	
inferior conj	-3167 Dec 12 j 06:32	27°♏07'26	3°18'17
minimum elong	-3167 Dec 12 j 03:30	27°♏16'33	3°17'30
min. Earth dist.	-3167 Dec 14 j 01:46	24°♏57'36	0.64930 AU
morning rise	-3167 Dec 17 j 20:58	21°♏00'12	
direct	-3167 Dec 24 j 14:12	18°♏09'53	
morning max el	-3166 Jan 06 j 19:32	25°♏48'17	27°03'16
	-3166 Jan 10 j 17:09	0°♐	
desc. node	-3166 Jan 11 j 13:14	0°♐58'26	
	-3166 Jan 31 j 15:28	0°♑	
morning set	-3166 Feb 11 j 09:20	19°♑22'50	
max. Earth dist.	-3166 Feb 16 j 00:24	28°♑33'28	1.34206 AU
	-3166 Feb 16 j 17:22	0°♒	
superior conj	-3166 Feb 19 j 16:24	6°♒08'00	-1°-7'00
minimum elong	-3166 Feb 19 j 19:15	6°♒22'53	1°06'38
asc. node	-3166 Feb 26 j 14:52	20°♒45'49	
evening rise	-3166 Feb 27 j 02:55	21°♒48'37	
	-3166 Mar 03 j 03:52	0°♓	
evening max el	-3166 Mar 19 j 10:59	24°♓25'37	21°39'25
	-3166 Mar 28 j 17:52	0°♈	
retrograde	-3166 Mar 31 j 16:38	0°♈20'30	
evening set	-3166 Apr 03 j 07:18	0°♈05'09	
	-3166 Apr 03 j 17:15	30°℞♓	
desc. node	-3166 Apr 09 j 12:11	27°♓45'34	
inferior conj	-3166 Apr 12 j 15:16	26°♓03'03	0°-52'-15
minimum elong	-3166 Apr 12 j 12:50	26°♓06'29	0°51'25
min. Earth dist.	-3166 Apr 12 j 14:40	26°♓03'53	0.55141 AU
morning rise	-3166 Apr 21 j 18:57	22°♓02'48	
direct	-3166 Apr 24 j 16:18	21°♓44'24	
morning max el	-3166 May 07 j 00:14	27°♓35'18	21°51'03
	-3166 May 09 j 09:03	0°♈	
asc. node	-3166 May 25 j 14:25	26°♈00'07	
morning set	-3166 May 27 j 19:54	0°♉33'23	
	-3166 May 27 j 13:26	0°♉	
superior conj	-3166 Jun 04 j 04:48	16°♉03'04	1°25'23
minimum elong	-3166 Jun 04 j 02:10	15°♉49'16	1°25'08
max. Earth dist.	-3166 Jun 07 j 16:05	23°♉13'01	1.34783 AU
	-3166 Jun 11 j 01:35	0°♊	
evening rise	-3166 Jun 12 j 08:50	2°♊31'43	
	-3166 Jun 28 j 05:36	0°♋	
desc. node	-3166 Jul 06 j 11:16	11°♋51'22	
evening max el	-3166 Jul 17 j 09:24	24°♋36'01	26°57'16
	-3166 Jul 24 j 06:23	0°♌	
retrograde	-3166 Jul 30 j 13:18	1°♌55'42	
	-3166 Aug 05 j 06:00	30°℞♋	
evening set	-3166 Aug 06 j 09:00	29°♋09'01	
min. Earth dist.	-3166 Aug 10 j 06:34	25°♋14'07	0.65403 AU
inferior conj	-3166 Aug 12 j 04:03	23°♋02'01	-2°-53'-37
minimum elong	-3166 Aug 12 j 07:48	22°♋51'08	2°52'22
morning rise	-3166 Aug 18 j 07:50	17°♋21'38	
direct	-3166 Aug 21 j 03:46	16°♋37'35	
asc. node	-3166 Aug 21 j 13:40	16°♋38'31	
morning max el	-3166 Aug 27 j 17:57	20°♋13'54	18°22'06
	-3166 Sep 04 j 04:17	0°♌	
morning set	-3166 Sep 15 j 22:08	18°♌56'23	
	-3166 Sep 22 j 17:15	0°♍	
superior conj	-3166 Sep 30 j 20:03	12°♍57'59	0°10'20
minimum elong	-3166 Sep 30 j 21:23	13°♍03'14	0°10'10
behind sun begin	-3166 Sep 30 j 12:33	12°♍28'17	
behind sun end	-3166 Oct 01 j 06:12	13°♍38'10	
desc. node	-3166 Oct 02 j 10:48	15°♍31'09	
max. Earth dist.	-3166 Oct 03 j 03:50	16°♍38'23	1.44804 AU
	-3166 Oct 11 j 15:58	0°♎	
evening rise	-3166 Oct 17 j 09:30	8°♎58'44	
	-3166 Oct 30 j 22:57	0°♏	
greatest brilliancy	-3166 Oct 31 j 17:41	1°♏09'53	-0.7m
evening max el	-3166 Nov 10 j 00:05	13°♏21'26	19°25'20
retrograde	-3166 Nov 17 j 04:37	17°♏30'49	
asc. node	-3166 Nov 17 j 12:39	17°♏30'10	
evening set	-3166 Nov 20 j 12:03	16°♏26'51	
inferior conj	-3166 Nov 26 j 03:54	10°♏30'04	2°40'09
minimum elong	-3166 Nov 26 j 00:55	10°♏39'42	2°39'08
min. Earth dist.	-3166 Nov 27 j 09:15	8°♏55'33	0.66071 AU
morning rise	-3166 Dec 01 j 13:01	4°♏16'58	
direct	-3166 Dec 07 j 17:49	1°♏34'52	
morning max el	-3166 Dec 20 j 05:08	8°♏55'31	26°01'40
desc. node	-3166 Dec 29 j 10:19	19°♏41'33	
	-3165 Jan 05 j 20:29	0°♐	
	-3165 Jan 24 j 02:59	0°♑	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3165 Jan 25 j 09:20	2°♉19'22	
max. Earth dist.	-3165 Jan 29 j 09:33	9°♉54'39	1.35622 AU
superior conj	-3165 Feb 03 j 12:54	20°♉06'08	-1°-28'-36
minimum elong	-3165 Feb 03 j 16:11	20°♉22'47	1°28'18
	-3165 Feb 08 j 08:38	0°♒	
evening rise	-3165 Feb 11 j 09:56	6°♒17'20	
asc. node	-3165 Feb 13 j 11:54	10°♒30'11	
	-3165 Feb 24 j 18:11	0°♓	
evening max el	-3165 Mar 01 j 16:49	5°♓44'34	20°19'21
retrograde	-3165 Mar 12 j 07:20	10°♓47'32	
evening set	-3165 Mar 14 j 13:49	10°♓34'38	
inferior conj	-3165 Mar 23 j 12:04	6°♓36'03	1°04'10
minimum elong	-3165 Mar 23 j 14:51	6°♓31'56	1°03'12
min. Earth dist.	-3165 Mar 25 j 04:46	5°♓35'53	0.55459 AU
desc. node	-3165 Mar 27 j 09:18	4°♓22'00	
morning rise	-3165 Apr 01 j 13:34	2°♓14'11	
direct	-3165 Apr 05 j 05:43	1°♓44'45	
morning max el	-3165 Apr 18 j 19:22	8°♓24'59	23°28'44
	-3165 May 04 j 09:06	0°♈	
morning set	-3165 May 12 j 07:28	15°♈32'35	
asc. node	-3165 May 12 j 11:26	15°♈53'25	
superior conj	-3165 May 19 j 11:01	0°♉49'19	1°07'06
minimum elong	-3165 May 19 j 08:32	0°♉36'02	1°06'45
	-3165 May 19 j 01:49	0°♉	
max. Earth dist.	-3165 May 21 j 16:35	5°♉34'20	1.33686 AU
evening rise	-3165 May 27 j 01:32	16°♉37'44	
	-3165 Jun 03 j 02:34	0°♊	
	-3165 Jun 22 j 18:41	0°♋	
desc. node	-3165 Jun 23 j 08:19	0°♋41'42	
evening max el	-3165 Jun 29 j 20:11	7°♋47'50	27°23'14
retrograde	-3165 Jul 13 j 10:22	15°♋11'20	
evening set	-3165 Jul 20 j 13:26	12°♋28'30	
min. Earth dist.	-3165 Jul 24 j 05:05	9°♋09'07	0.63997 AU
inferior conj	-3165 Jul 26 j 16:27	6°♋32'28	-3°-36'-23
minimum elong	-3165 Jul 26 j 20:24	6°♋22'00	3°35'22
morning rise	-3165 Aug 02 j 05:12	1°♋09'04	
direct	-3165 Aug 04 j 20:16	0°♋34'14	
asc. node	-3165 Aug 08 j 10:47	1°♋39'44	
morning max el	-3165 Aug 11 j 08:48	4°♋00'31	18°00'11
	-3165 Aug 28 j 07:58	0°♌	
morning set	-3165 Aug 28 j 14:23	0°♌27'30	
superior conj	-3165 Sep 10 j 11:37	22°♌06'13	0°54'48
minimum elong	-3165 Sep 10 j 16:59	22°♌28'04	0°54'13
	-3165 Sep 15 j 08:58	0°♍	
max. Earth dist.	-3165 Sep 15 j 20:34	0°♍46'20	1.44133 AU
desc. node	-3165 Sep 19 j 07:46	6°♍16'10	
evening rise	-3165 Sep 26 j 18:26	17°♍52'36	
	-3165 Oct 04 j 16:40	0°♎	
greatest brilliancy	-3165 Oct 17 j 17:27	18°♎59'01	-0.6m
evening max el	-3165 Oct 24 j 03:44	26°♎47'45	20°23'36
	-3165 Oct 27 j 21:18	0°♏	
retrograde	-3165 Nov 01 j 02:02	1°♏28'01	
asc. node	-3165 Nov 04 j 09:47	0°♏24'11	
evening set	-3165 Nov 04 j 18:34	0°♏09'15	
	-3165 Nov 04 j 23:36	30°℞♎	
inferior conj	-3165 Nov 10 j 06:25	24°♎01'04	1°55'03
minimum elong	-3165 Nov 10 j 04:01	24°♎09'10	1°54'06
min. Earth dist.	-3165 Nov 10 j 23:31	23°♎03'26	0.66857 AU
morning rise	-3165 Nov 15 j 12:56	17°♎44'39	
direct	-3165 Nov 21 j 02:56	15°♎19'04	
morning max el	-3165 Dec 02 j 13:50	22°♎08'35	24°42'43
	-3165 Dec 09 j 11:10	0°♏	
desc. node	-3165 Dec 16 j 07:21	9°♏05'00	
	-3165 Dec 30 j 03:48	0°♐	

morning set	-3164 Jan 07 j 14:07	14°♐14'17	
max. Earth dist.	-3164 Jan 11 j 08:22	20°♐59'20	1.37436 AU
	-3164 Jan 16 j 03:49	0°♑	
superior conj	-3164 Jan 17 j 23:07	3°♑28'55	-1°-45'-36
minimum elong	-3164 Jan 18 j 01:59	3°♑42'55	1°45'30
evening rise	-3164 Jan 26 j 11:30	20°♑23'36	
asc. node	-3164 Jan 31 j 08:57	29°♑54'47	
	-3164 Jan 31 j 10:04	0°♒	
evening max el	-3164 Feb 12 j 09:28	17°♒40'50	19°17'05
retrograde	-3164 Feb 21 j 08:54	21°♒57'42	
evening set	-3164 Feb 23 j 16:23	21°♒41'55	
inferior conj	-3164 Mar 02 j 22:11	17°♒32'25	2°38'19
minimum elong	-3164 Mar 03 j 03:05	17°♒24'12	2°36'57
min. Earth dist.	-3164 Mar 05 j 20:01	15°♒36'04	0.56640 AU
morning rise	-3164 Mar 11 j 09:56	12°♒39'53	
desc. node	-3164 Mar 13 j 06:25	12°♒06'28	
direct	-3164 Mar 16 j 06:29	11°♒45'22	
morning max el	-3164 Mar 30 j 10:24	18°♒59'50	25°06'30
	-3164 Apr 08 j 15:33	0°♓	
morning set	-3164 Apr 25 j 19:42	0°♈35'05	
	-3164 Apr 25 j 13:00	0°♈	
asc. node	-3164 Apr 28 j 08:27	5°♈58'27	
superior conj	-3164 May 02 j 20:53	15°♈47'05	0°45'42
minimum elong	-3164 May 02 j 19:00	15°♈36'52	0°45'22
max. Earth dist.	-3164 May 04 j 00:46	18°♈18'27	1.32961 AU
	-3164 May 09 j 13:05	0°♉	
evening rise	-3164 May 10 j 02:46	1°♉10'19	
	-3164 May 26 j 02:05	0°♊	
desc. node	-3164 Jun 09 j 05:22	18°♊34'31	
evening max el	-3164 Jun 11 j 04:22	20°♊32'10	27°18'37
retrograde	-3164 Jun 25 j 01:15	27°♊54'29	
evening set	-3164 Jul 02 j 03:39	25°♊29'36	
min. Earth dist.	-3164 Jul 05 j 17:50	22°♊36'54	0.62244 AU
inferior conj	-3164 Jul 08 j 17:59	19°♊47'23	-4°-8'-43
minimum elong	-3164 Jul 08 j 21:03	19°♊40'08	4°08'13
morning rise	-3164 Jul 15 j 16:59	14°♊43'39	
direct	-3164 Jul 18 j 05:21	14°♊15'29	
morning max el	-3164 Jul 24 j 23:29	17°♊40'35	17°56'27
asc. node	-3164 Jul 25 j 07:51	18°♊01'33	
	-3164 Aug 02 j 19:15	0°♋	
morning set	-3164 Aug 10 j 04:08	13°♋00'39	
	-3164 Aug 19 j 18:09	0°♌	
superior conj	-3164 Aug 21 j 06:09	2°♌34'44	1°26'14
minimum elong	-3164 Aug 21 j 11:10	2°♌56'13	1°25'53
max. Earth dist.	-3164 Aug 28 j 09:03	14°♌29'11	1.42846 AU
evening rise	-3164 Sep 05 j 00:10	26°♌41'04	
desc. node	-3164 Sep 05 j 04:44	26°♌58'57	
	-3164 Sep 07 j 03:16	0°♍	
	-3164 Sep 27 j 14:40	0°♎	
greatest brilliancy	-3164 Oct 01 j 01:20	4°♎28'52	-0.4m
evening max el	-3164 Oct 06 j 01:24	10°♎13'47	21°34'04
retrograde	-3164 Oct 14 j 22:33	15°♎30'11	
evening set	-3164 Oct 19 j 02:29	13°♎54'06	
asc. node	-3164 Oct 21 j 06:54	11°♎47'28	
inferior conj	-3164 Oct 24 j 11:57	7°♎38'05	1°05'15
minimum elong	-3164 Oct 24 j 10:29	7°♎43'08	1°04'38
min. Earth dist.	-3164 Oct 24 j 18:03	7°♎17'01	0.67320 AU
morning rise	-3164 Oct 29 j 18:10	1°♎21'11	
	-3164 Oct 31 j 17:57	30°℞♍	
direct	-3164 Nov 03 j 16:51	29°♍16'30	
	-3164 Nov 06 j 21:06	0°♎	
morning max el	-3164 Nov 13 j 23:07	5°♎23'56	23°16'16
greatest brilliancy	-3164 Nov 19 j 05:45	11°♎20'54	-0.3m
desc. node	-3164 Dec 02 j 04:22	28°♎57'01	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3164 Dec 02 j 21:32	0°♏	
morning set	-3164 Dec 18 j 17:21	24°♏50'35	
	-3164 Dec 21 j 18:27	0°♐	
max. Earth dist.	-3164 Dec 23 j 03:37	2°♐23'05	1.39497 AU
superior conj	-3164 Dec 30 j 18:48	16°♐04'36	-1°-55'-19
minimum elong	-3164 Dec 30 j 19:56	16°♐09'53	1°55'24
	-3163 Jan 07 j 03:05	0°♑	
evening rise	-3163 Jan 09 j 04:52	3°♑59'51	
asc. node	-3163 Jan 17 j 06:00	18°♑52'07	
	-3163 Jan 25 j 07:23	0°♒	
evening max el	-3163 Jan 25 j 11:17	0°♒09'30	18°34'31
retrograde	-3163 Feb 02 j 04:22	3°♒55'01	
evening set	-3163 Feb 04 j 15:16	3°♒33'31	
	-3163 Feb 10 j 23:20	30°℞♑	
inferior conj	-3163 Feb 12 j 04:09	29°♑04'35	3°35'46
minimum elong	-3163 Feb 12 j 07:36	28°♑57'51	3°35'08
min. Earth dist.	-3163 Feb 15 j 13:28	26°♑27'21	0.58417 AU
morning rise	-3163 Feb 19 j 20:17	23°♑45'01	
direct	-3163 Feb 25 j 20:31	22°♑13'50	
desc. node	-3163 Feb 28 j 03:31	22°♑26'58	
morning max el	-3163 Mar 12 j 03:10	29°♑46'07	26°29'31
	-3163 Mar 12 j 08:51	0°♒	
	-3163 Apr 02 j 09:04	0°♓	
morning set	-3163 Apr 10 j 06:49	15°♓33'35	
asc. node	-3163 Apr 15 j 05:27	26°♓09'36	
	-3163 Apr 16 j 23:35	0°♈	
superior conj	-3163 Apr 17 j 08:25	0°♈48'21	0°22'07
minimum elong	-3163 Apr 17 j 07:27	0°♈43'03	0°21'54
max. Earth dist.	-3163 Apr 17 j 13:21	1°♈15'22	1.32588 AU
evening rise	-3163 Apr 24 j 09:36	15°♈58'37	
	-3163 May 01 j 12:08	0°♉	
	-3163 May 21 j 17:44	0°♊	
evening max el	-3163 May 24 j 07:30	2°♊37'10	26°41'08
desc. node	-3163 May 27 j 02:26	5°♊04'41	
retrograde	-3163 Jun 07 j 08:17	9°♊55'43	
evening set	-3163 Jun 13 j 23:17	8°♊02'10	
min. Earth dist.	-3163 Jun 17 j 20:56	5°♊21'42	0.60249 AU
inferior conj	-3163 Jun 21 j 05:06	2°♊37'11	-4°-24'-14
minimum elong	-3163 Jun 21 j 05:46	2°♊35'47	4°24'08
	-3163 Jun 24 j 14:25	30°℞♉	
morning rise	-3163 Jun 28 j 15:32	27°♉55'15	
direct	-3163 Jul 01 j 03:04	27°♉31'55	
	-3163 Jul 07 j 05:14	0°♊	
morning max el	-3163 Jul 08 j 11:04	1°♊05'48	18°11'59
asc. node	-3163 Jul 12 j 04:53	5°♊27'34	
morning set	-3163 Jul 24 j 09:52	26°♊20'55	
	-3163 Jul 26 j 08:27	0°♋	
superior conj	-3163 Aug 03 j 02:53	14°♋21'32	1°43'34
minimum elong	-3163 Aug 03 j 05:29	14°♋33'14	1°43'32
max. Earth dist.	-3163 Aug 10 j 16:19	27°♋34'56	1.41106 AU
	-3163 Aug 12 j 02:45	0°♌	
evening rise	-3163 Aug 15 j 21:42	6°♌15'17	
desc. node	-3163 Aug 23 j 01:43	17°♌36'03	
	-3163 Aug 31 j 08:31	0°♍	
greatest brilliancy	-3163 Sep 13 j 17:34	18°♍05'09	-0.3m
evening max el	-3163 Sep 18 j 17:26	23°♍40'40	22°52'26
retrograde	-3163 Sep 28 j 16:42	29°♍35'17	
evening set	-3163 Oct 03 j 10:02	27°♍40'02	
asc. node	-3163 Oct 08 j 03:59	22°♍10'07	
inferior conj	-3163 Oct 08 j 18:38	21°♍19'40	0°12'36
minimum elong	-3163 Oct 08 j 18:20	21°♍20'41	0°12'30
transit middle	-3163 Oct 08 j 18:20	21°♍20'41	0°12'30
transit begin	-3163 Oct 08 j 16:36	21°♍26'41	
transit end	-3163 Oct 08 j 20:05	21°♍14'41	
min. Earth dist.	-3163 Oct 08 j 14:24	21°♍34'15	0.67475 AU
morning rise	-3163 Oct 14 j 02:35	15°♍05'16	
direct	-3163 Oct 18 j 10:40	13°♍22'34	
morning max el	-3163 Oct 27 j 12:27	18°♍44'56	21°51'26
greatest brilliancy	-3163 Nov 01 j 09:40	24°♍18'50	-0.4m
	-3163 Nov 05 j 18:35	0°♎	
desc. node	-3163 Nov 19 j 01:21	19°♎09'34	
	-3163 Nov 26 j 02:14	0°♏	
morning set	-3163 Nov 28 j 15:41	4°♏03'16	
max. Earth dist.	-3163 Dec 05 j 03:25	14°♏37'21	1.41531 AU
superior conj	-3163 Dec 12 j 18:39	27°♏39'57	-1°-54'-9
minimum elong	-3163 Dec 12 j 16:29	27°♏30'27	1°54'11
	-3163 Dec 14 j 02:26	0°♐	
evening rise	-3163 Dec 23 j 10:49	16°♐59'11	
	-3163 Dec 30 j 15:27	0°♑	
asc. node	-3162 Jan 04 j 03:03	7°♑13'33	
evening max el	-3162 Jan 08 j 19:30	13°♑02'41	18°11'58
retrograde	-3162 Jan 15 j 17:48	16°♑32'44	
evening set	-3162 Jan 18 j 07:45	16°♑04'19	
inferior conj	-3162 Jan 25 j 06:08	11°♑13'10	3°59'00
minimum elong	-3162 Jan 25 j 06:53	11°♑11'28	3°58'53
min. Earth dist.	-3162 Jan 28 j 12:09	8°♑17'58	0.60438 AU
morning rise	-3162 Feb 01 j 03:13	5°♑33'49	
direct	-3162 Feb 07 j 21:38	3°♑25'11	
desc. node	-3162 Feb 15 j 00:36	5°♑33'39	
morning max el	-3162 Feb 22 j 01:44	11°♑06'18	27°24'24
	-3162 Mar 08 j 20:26	0°♒	
	-3162 Mar 25 j 10:52	0°♓	
morning set	-3162 Mar 25 j 15:04	0°♓21'41	
max. Earth dist.	-3162 Apr 01 j 02:33	14°♓12'05	1.32553 AU
superior conj	-3162 Apr 01 j 19:57	15°♓47'14	0°-2'-50
minimum elong	-3162 Apr 01 j 20:05	15°♓47'57	0°02'52
behind sun begin	-3162 Apr 01 j 15:08	15°♓20'50	
behind sun end	-3162 Apr 02 j 01:03	16°♓15'04	
asc. node	-3162 Apr 02 j 02:27	16°♓22'44	
	-3162 Apr 08 j 09:25	0°♈	
evening rise	-3162 Apr 08 j 19:46	0°♈54'36	
	-3162 Apr 24 j 20:14	0°♉	
evening max el	-3162 May 06 j 04:04	13°♉58'49	25°33'40
desc. node	-3162 May 13 j 23:30	19°♉39'36	
retrograde	-3162 May 20 j 05:41	21°♉10'58	
evening set	-3162 May 25 j 21:07	19°♉55'40	
min. Earth dist.	-3162 May 30 j 16:18	17°♉10'22	0.58226 AU
inferior conj	-3162 Jun 02 j 22:13	14°♉52'07	-4°-13'-29
minimum elong	-3162 Jun 02 j 19:13	14°♉57'30	4°13'08
morning rise	-3162 Jun 10 j 21:16	10°♉32'19	
direct	-3162 Jun 13 j 09:00	10°♉12'46	
morning max el	-3162 Jun 21 j 16:42	14°♉07'45	18°47'38
asc. node	-3162 Jun 29 j 01:54	23°♉43'36	
	-3162 Jul 02 j 17:16	0°♊	
morning set	-3162 Jul 08 j 03:06	10°♊16'30	
superior conj	-3162 Jul 16 j 20:27	27°♊11'40	1°48'53
minimum elong	-3162 Jul 16 j 20:35	27°♊12'18	1°48'59
	-3162 Jul 18 j 08:12	0°♋	
max. Earth dist.	-3162 Jul 23 j 19:10	9°♋57'43	1.39149 AU
evening rise	-3162 Jul 27 j 20:28	17°♋01'43	
	-3162 Aug 04 j 17:44	0°♌	
desc. node	-3162 Aug 09 j 22:43	8°♌02'51	
	-3162 Aug 25 j 20:18	0°♍	
evening max el	-3162 Sep 01 j 05:33	7°♍09'16	24°12'55
retrograde	-3162 Sep 12 j 07:24	13°♍39'40	
evening set	-3162 Sep 17 j 15:31	11°♍24'58	
min. Earth dist.	-3162 Sep 22 j 10:08	5°♍53'05	0.67324 AU
inferior conj	-3162 Sep 23 j 00:45	5°♍03'44	0°-41'-16

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3162 Sep 23 j 01:44	5°♍00'25	0°40'49
asc. node	-3162 Sep 25 j 01:02	2°♍25'15	
	-3162 Sep 27 j 05:16	30°℞♌	
morning rise	-3162 Sep 28 j 12:12	28°♌54'47	
direct	-3162 Oct 02 j 07:15	27°♌32'37	
	-3162 Oct 07 j 21:44	0°♍	
morning max el	-3162 Oct 10 j 08:31	2°♍14'36	20°34'54
greatest brilliancy	-3162 Oct 16 j 14:41	9°♍43'15	-0.5m
	-3162 Oct 30 j 15:27	0°♎	
desc. node	-3162 Nov 05 j 22:19	9°♎36'15	
morning set	-3162 Nov 07 j 16:32	12°♎19'37	
max. Earth dist.	-3162 Nov 17 j 10:46	27°♎45'26	1.43240 AU
	-3162 Nov 18 j 20:01	0°♏	
superior conj	-3162 Nov 23 j 17:06	8°♏01'20	-1°-38'-9
minimum elong	-3162 Nov 23 j 11:03	7°♏36'12	1°37'45
evening rise	-3162 Dec 06 j 01:17	29°♏12'57	
	-3162 Dec 06 j 11:59	0°♐	
asc. node	-3162 Dec 22 j 00:06	24°♐47'51	
evening max el	-3162 Dec 23 j 07:13	26°♐12'00	18°09'01
retrograde	-3162 Dec 29 j 21:03	29°♐40'04	
evening set	-3161 Jan 01 j 14:07	29°♐03'51	
inferior conj	-3161 Jan 08 j 00:55	23°♐51'17	3°56'28
minimum elong	-3161 Jan 07 j 23:27	23°♐55'05	3°56'16
min. Earth dist.	-3161 Jan 10 j 19:22	21°♐00'58	0.62397 AU
morning rise	-3161 Jan 14 j 06:45	17°♐57'59	
direct	-3161 Jan 21 j 07:48	15°♐21'26	
desc. node	-3161 Feb 01 j 21:39	20°♐55'33	
morning max el	-3161 Feb 04 j 06:28	23°♐07'16	27°43'46
	-3161 Feb 10 j 10:37	0°♑	
	-3161 Mar 02 j 00:36	0°♒	
morning set	-3161 Mar 09 j 18:21	14°♒51'51	
max. Earth dist.	-3161 Mar 15 j 12:24	26°♒54'01	1.32869 AU
	-3161 Mar 16 j 22:54	0°♓	
superior conj	-3161 Mar 17 j 05:52	0°♓37'42	0°-28'-18
minimum elong	-3161 Mar 17 j 07:10	0°♓44'40	0°28'06
asc. node	-3161 Mar 19 j 23:28	6°♓33'39	
evening rise	-3161 Mar 24 j 07:21	15°♓51'07	
	-3161 Mar 31 j 09:50	0°♈	
evening max el	-3161 Apr 17 j 20:00	24°♈48'02	24°05'55
	-3161 Apr 24 j 20:45	0°♉	
desc. node	-3161 Apr 30 j 20:33	1°♉43'07	
retrograde	-3161 May 01 j 15:45	1°♉44'35	
evening set	-3161 May 05 j 22:57	1°♉03'23	
	-3161 May 08 j 15:02	30°℞♈	
min. Earth dist.	-3161 May 12 j 07:29	27°♈58'29	0.56483 AU
inferior conj	-3161 May 14 j 19:16	26°♈25'36	-3°-25'-56
minimum elong	-3161 May 14 j 13:18	26°♈34'57	3°24'35
morning rise	-3161 May 23 j 07:36	22°♈23'31	
direct	-3161 May 25 j 19:51	22°♈06'54	
morning max el	-3161 Jun 04 j 13:47	26°♈37'56	19°43'51
	-3161 Jun 07 j 17:08	0°♉	
asc. node	-3161 Jun 15 j 22:56	12°♉38'18	
morning set	-3161 Jun 22 j 04:33	24°♉39'11	
	-3161 Jun 24 j 20:04	0°♊	
superior conj	-3161 Jun 30 j 05:23	10°♊50'06	1°44'56
minimum elong	-3161 Jun 30 j 03:48	10°♊42'15	1°44'58
max. Earth dist.	-3161 Jul 05 j 22:02	21°♊49'55	1.37238 AU
evening rise	-3161 Jul 09 j 20:05	29°♊01'51	
	-3161 Jul 10 j 09:04	0°♋	
desc. node	-3161 Jul 27 j 19:43	28°♋14'16	
	-3161 Jul 29 j 00:57	0°♌	
evening max el	-3161 Aug 14 j 16:19	20°♌41'00	25°28'15
retrograde	-3161 Aug 26 j 18:00	27°♌39'21	
evening set	-3161 Sep 01 j 17:07	25°♌07'28	

min. Earth dist.	-3161 Sep 06 j 02:57	20°♌12'00	0.66854 AU
inferior conj	-3161 Sep 07 j 04:37	18°♌48'51	-1°-34'-43
minimum elong	-3161 Sep 07 j 06:52	18°♌41'36	1°33'47
asc. node	-3161 Sep 11 j 22:07	13°♌30'41	
morning rise	-3161 Sep 12 j 21:12	12°♌48'24	
direct	-3161 Sep 16 j 05:22	11°♌43'47	
morning max el	-3161 Sep 23 j 11:59	15°♌53'38	19°31'03
greatest brilliancy	-3161 Oct 02 j 12:19	27°♌30'02	-0.7m
	-3161 Oct 04 j 05:08	0°♍	
morning set	-3161 Oct 17 j 17:25	20°♍43'47	
desc. node	-3161 Oct 23 j 19:19	0°♎12'51	
	-3161 Oct 23 j 16:02	0°♎	
max. Earth dist.	-3161 Oct 31 j 00:22	11°♎33'36	1.44398 AU
superior conj	-3161 Nov 03 j 12:26	17°♎08'05	-1°-5'-1
minimum elong	-3161 Nov 03 j 05:24	16°♎40'00	1°04'15
	-3161 Nov 11 j 11:06	0°♏	
evening rise	-3161 Nov 17 j 19:48	10°♏32'46	
	-3161 Nov 29 j 15:42	0°♐	
evening max el	-3161 Dec 06 j 19:47	9°♐31'51	18°24'56
asc. node	-3161 Dec 08 j 21:10	11°♐22'08	
retrograde	-3161 Dec 13 j 09:39	13°♐08'41	
evening set	-3161 Dec 16 j 06:54	12°♐23'22	
inferior conj	-3161 Dec 22 j 08:42	6°♐51'35	3°35'58
minimum elong	-3161 Dec 22 j 05:58	6°♐59'24	3°35'23
min. Earth dist.	-3161 Dec 24 j 12:32	4°♐23'32	0.64104 AU
morning rise	-3161 Dec 28 j 03:37	0°♐48'26	
	-3161 Dec 29 j 05:05	30°℞♏	
direct	-3160 Jan 04 j 01:48	27°♏58'36	
	-3160 Jan 10 j 12:39	0°♐	
morning max el	-3160 Jan 17 j 15:04	5°♐43'09	27°27'09
desc. node	-3160 Jan 19 j 18:44	7°♐57'15	
	-3160 Feb 05 j 04:53	0°♑	
morning set	-3160 Feb 21 j 13:59	28°♑54'53	
	-3160 Feb 22 j 03:10	0°♒	
max. Earth dist.	-3160 Feb 26 j 14:48	9°♒07'25	1.33585 AU
superior conj	-3160 Feb 29 j 12:22	15°♒13'34	0°-53'-19
minimum elong	-3160 Feb 29 j 14:43	15°♒26'03	0°52'58
asc. node	-3160 Mar 05 j 20:30	26°♒37'55	
	-3160 Mar 07 j 10:42	0°♓	
evening rise	-3160 Mar 07 j 18:37	0°♓41'36	
	-3160 Mar 24 j 15:00	0°♈	
evening max el	-3160 Mar 29 j 12:56	5°♈29'32	22°31'33
retrograde	-3160 Apr 11 j 13:26	11°♈51'59	
evening set	-3160 Apr 14 j 14:51	11°♈31'26	
desc. node	-3160 Apr 16 j 17:39	10°♈54'49	
min. Earth dist.	-3160 Apr 22 j 21:34	7°♈54'56	0.55374 AU
inferior conj	-3160 Apr 23 j 22:32	7°♈19'19	-1°-57'-17
minimum elong	-3160 Apr 23 j 17:29	7°♈26'31	1°55'40
morning rise	-3160 May 02 j 22:20	3°♈22'59	
direct	-3160 May 05 j 13:54	3°♈06'48	
morning max el	-3160 May 17 j 00:14	8°♈27'33	20°59'46
	-3160 May 31 j 18:47	0°♉	
asc. node	-3160 Jun 01 j 19:59	2°♉01'26	
morning set	-3160 Jun 05 j 11:33	9°♉20'51	
superior conj	-3160 Jun 13 j 01:06	25°♉02'34	1°34'04
minimum elong	-3160 Jun 12 j 22:39	24°♉49'54	1°33'55
	-3160 Jun 15 j 11:31	0°♊	
max. Earth dist.	-3160 Jun 17 j 07:07	3°♊37'48	1.35578 AU
evening rise	-3160 Jun 21 j 15:36	12°♊02'18	
	-3160 Jul 01 j 19:55	0°♋	
desc. node	-3160 Jul 13 j 16:45	18°♋02'28	
	-3160 Jul 23 j 03:30	0°♌	
evening max el	-3160 Jul 27 j 03:30	4°♌12'28	26°30'31
retrograde	-3160 Aug 08 j 23:45	11°♌27'38	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3160 Aug 15 j 12:39	8°♌44'05	
min. Earth dist.	-3160 Aug 19 j 14:29	4°♌26'49	0.66039 AU
inferior conj	-3160 Aug 21 j 04:19	2°♌31'41	-2°-25'-58
minimum elong	-3160 Aug 21 j 07:37	2°♌21'37	2°24'45
	-3160 Aug 23 j 07:57	30°℞♋	
morning rise	-3160 Aug 27 j 03:34	26°♋42'49	
asc. node	-3160 Aug 28 j 19:13	26°♋02'22	
direct	-3160 Aug 30 j 03:13	25°♋52'16	
morning max el	-3160 Sep 05 j 21:36	29°♋38'36	18°42'25
	-3160 Sep 06 j 05:52	0°♌	
morning set	-3160 Sep 26 j 15:11	0°♍12'09	
	-3160 Sep 26 j 12:08	0°♍	
desc. node	-3160 Oct 09 j 16:19	20°♍55'11	
superior conj	-3160 Oct 12 j 13:41	25°♍28'25	0°-18'-23
minimum elong	-3160 Oct 12 j 11:15	25°♍18'50	0°18'05
max. Earth dist.	-3160 Oct 12 j 17:35	25°♍43'46	1.44868 AU
	-3160 Oct 15 j 10:40	0°♎	
evening rise	-3160 Oct 28 j 14:19	20°♎50'39	
	-3160 Nov 03 j 07:46	0°♏	
evening max el	-3160 Nov 19 j 06:38	22°♏57'23	18°58'38
asc. node	-3160 Nov 24 j 18:14	26°♏41'19	
retrograde	-3160 Nov 26 j 03:52	26°♏52'18	
evening set	-3160 Nov 29 j 07:01	25°♏55'51	
inferior conj	-3160 Dec 05 j 01:58	20°♏07'33	3°03'07
minimum elong	-3160 Dec 04 j 22:53	20°♏17'09	3°02'12
min. Earth dist.	-3160 Dec 06 j 15:13	18°♏12'00	0.65460 AU
morning rise	-3160 Dec 10 j 13:46	13°♏57'30	
direct	-3160 Dec 17 j 02:17	11°♏09'00	
morning max el	-3160 Dec 30 j 00:40	18°♏41'52	26°39'44
desc. node	-3159 Jan 05 j 15:49	26°♏09'53	
	-3159 Jan 08 j 15:49	0°♐	
	-3159 Jan 28 j 04:03	0°♑	
morning set	-3159 Feb 03 j 22:29	12°♑19'57	
max. Earth dist.	-3159 Feb 08 j 06:28	20°♑45'50	1.34746 AU
superior conj	-3159 Feb 12 j 13:19	29°♑28'20	-1°-16'-36
minimum elong	-3159 Feb 12 j 16:25	29°♑44'23	1°16'13
	-3159 Feb 12 j 19:26	0°♒	
evening rise	-3159 Feb 20 j 03:47	15°♒20'23	
asc. node	-3159 Feb 20 j 17:32	16°♒31'17	
	-3159 Feb 27 j 16:14	0°♓	
evening max el	-3159 Mar 11 j 13:08	16°♓30'37	21°03'34
retrograde	-3159 Mar 23 j 02:53	22°♓03'04	
evening set	-3159 Mar 25 j 12:23	21°♓49'42	
inferior conj	-3159 Apr 03 j 17:38	17°♓51'42	0°-2'00
minimum elong	-3159 Apr 03 j 17:32	17°♓51'50	0°02'00
transit middle	-3159 Apr 03 j 17:32	17°♓51'50	0°02'00
transit begin	-3159 Apr 03 j 13:28	17°♓57'36	
transit end	-3159 Apr 03 j 21:36	17°♓46'04	
desc. node	-3159 Apr 03 j 14:45	17°♓55'47	
min. Earth dist.	-3159 Apr 04 j 11:37	17°♓26'10	0.55158 AU
morning rise	-3159 Apr 12 j 21:50	13°♓43'52	
direct	-3159 Apr 16 j 01:48	13°♓22'02	
morning max el	-3159 Apr 29 j 00:02	19°♓35'44	22°31'39
	-3159 May 07 j 13:55	0°♈	
asc. node	-3159 May 19 j 17:03	21°♈45'36	
morning set	-3159 May 20 j 22:00	24°♈15'20	
	-3159 May 23 j 15:27	0°♉	
superior conj	-3159 May 28 j 04:16	9°♉38'45	1°18'05
minimum elong	-3159 May 28 j 01:38	9°♉24'48	1°17'47
max. Earth dist.	-3159 May 31 j 02:10	15°♉44'52	1.34273 AU
evening rise	-3159 Jun 05 j 01:52	25°♉48'18	
	-3159 Jun 07 j 06:03	0°♊	
	-3159 Jun 25 j 05:35	0°♋	
desc. node	-3159 Jun 30 j 13:45	7°♋17'37	

evening max el	-3159 Jul 09 j 15:07	17°♋35'46	27°11'46
retrograde	-3159 Jul 23 j 00:04	24°♋57'27	
evening set	-3159 Jul 29 j 23:31	22°♋11'13	
min. Earth dist.	-3159 Aug 02 j 18:22	18°♋31'44	0.64854 AU
inferior conj	-3159 Aug 04 j 21:36	16°♋08'27	-3°-12'-44
minimum elong	-3159 Aug 05 j 01:32	15°♋57'25	3°11'33
morning rise	-3159 Aug 11 j 05:01	10°♋34'34	
direct	-3159 Aug 13 j 22:36	9°♋54'43	
asc. node	-3159 Aug 15 j 16:19	10°♋10'48	
morning max el	-3159 Aug 20 j 11:13	13°♋25'50	18°10'29
	-3159 Sep 01 j 01:53	0°♌	
morning set	-3159 Sep 07 j 16:43	11°♌01'29	
	-3159 Sep 19 j 05:43	0°♍	
superior conj	-3159 Sep 21 j 18:00	4°♍02'03	0°30'28
minimum elong	-3159 Sep 21 j 21:36	4°♍16'26	0°30'03
max. Earth dist.	-3159 Sep 25 j 11:49	9°♍59'20	1.44609 AU
desc. node	-3159 Sep 26 j 13:17	11°♍39'59	
evening rise	-3159 Oct 08 j 09:09	0°♎09'11	
	-3159 Oct 08 j 06:47	0°♎	
greatest brilliancy	-3159 Oct 25 j 19:23	26°♎35'00	-0.6m
	-3159 Oct 28 j 06:30	0°♏	
evening max el	-3159 Nov 02 j 13:30	6°♏24'22	19°48'30
retrograde	-3159 Nov 10 j 00:44	10°♏45'35	
asc. node	-3159 Nov 11 j 15:21	10°♏30'37	
evening set	-3159 Nov 13 j 11:50	9°♏35'35	
inferior conj	-3159 Nov 19 j 01:48	3°♏33'45	2°21'41
minimum elong	-3159 Nov 18 j 23:00	3°♏42'57	2°20'40
min. Earth dist.	-3159 Nov 20 j 01:46	2°♏14'53	0.66452 AU
	-3159 Nov 21 j 20:30	30°℞♎	
morning rise	-3159 Nov 24 j 09:31	27°♎19'09	
direct	-3159 Nov 30 j 08:20	24°♎43'13	
	-3159 Dec 10 j 11:02	0°♏	
morning max el	-3159 Dec 12 j 09:37	1°♏51'31	25°29'35
desc. node	-3159 Dec 23 j 12:52	15°♏11'39	
	-3158 Jan 02 j 18:26	0°♐	
morning set	-3158 Jan 17 j 14:58	24°♐51'44	
	-3158 Jan 20 j 09:56	0°♑	
max. Earth dist.	-3158 Jan 21 j 10:40	1°♑56'15	1.36353 AU
superior conj	-3158 Jan 27 j 05:52	13°♑12'35	-1°-36'-31
minimum elong	-3158 Jan 27 j 09:06	13°♑28'45	1°36'17
evening rise	-3158 Feb 04 j 08:44	29°♑40'08	
	-3158 Feb 04 j 12:40	0°♒	
asc. node	-3158 Feb 07 j 14:34	6°♒07'50	
evening max el	-3158 Feb 21 j 23:39	28°♒05'02	19°50'30
	-3158 Feb 24 j 06:04	0°♓	
retrograde	-3158 Mar 03 j 20:29	2°♓46'35	
evening set	-3158 Mar 06 j 03:02	2°♓32'46	
	-3158 Mar 12 j 07:28	30°℞♒	
inferior conj	-3158 Mar 14 j 18:40	28°♒30'56	1°48'11
minimum elong	-3158 Mar 14 j 22:51	28°♒24'26	1°46'49
min. Earth dist.	-3158 Mar 17 j 01:46	27°♒05'54	0.55874 AU
desc. node	-3158 Mar 21 j 11:53	24°♒44'27	
morning rise	-3158 Mar 23 j 15:33	23°♒56'42	
direct	-3158 Mar 27 j 19:24	23°♒18'21	
	-3158 Apr 10 j 10:18	0°♓	
morning max el	-3158 Apr 10 j 16:28	0°♓14'34	24°11'10
	-3158 Apr 30 j 20:23	0°♈	
morning set	-3158 May 05 j 10:03	9°♈16'12	
asc. node	-3158 May 06 j 14:04	11°♈44'10	
superior conj	-3158 May 12 j 12:15	24°♈30'01	0°58'21
minimum elong	-3158 May 12 j 09:58	24°♈17'45	0°57'59
max. Earth dist.	-3158 May 14 j 06:30	28°♈17'10	1.33337 AU
	-3158 May 15 j 01:47	0°♉	
evening rise	-3158 May 19 j 22:35	10°♉06'25	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3158 May 30 j 14:19	0°♊	
desc. node	-3158 Jun 17 j 10:48	25°♊45'43	
	-3158 Jun 21 j 09:43	0°♋	
evening max el	-3158 Jun 22 j 01:18	0°♋37'52	27°25'18
retrograde	-3158 Jul 05 j 18:20	8°♋00'20	
evening set	-3158 Jul 12 j 22:24	5°♋23'29	
min. Earth dist.	-3158 Jul 16 j 12:46	2°♋16'56	0.63293 AU
	-3158 Jul 18 j 19:17	30°℞♊	
inferior conj	-3158 Jul 19 j 05:48	29°♊33'19	-3°-51'-43
minimum elong	-3158 Jul 19 j 09:32	29°♊23'52	3°50'53
morning rise	-3158 Jul 25 j 22:44	24°♊17'49	
direct	-3158 Jul 28 j 12:31	23°♊45'56	
asc. node	-3158 Aug 02 j 13:24	25°♊48'07	
morning max el	-3158 Aug 04 j 02:19	27°♊10'19	17°56'20
	-3158 Aug 06 j 14:12	0°♋	
morning set	-3158 Aug 20 j 18:55	23°♋01'37	
	-3158 Aug 24 j 18:49	0°♌	
superior conj	-3158 Sep 01 j 20:33	13°♌43'14	1°09'55
minimum elong	-3158 Sep 02 j 02:12	14°♌06'43	1°09'23
max. Earth dist.	-3158 Sep 08 j 03:45	24°♌01'36	1.43658 AU
	-3158 Sep 11 j 21:35	0°♍	
desc. node	-3158 Sep 13 j 10:14	2°♍24'34	
evening rise	-3158 Sep 17 j 14:26	8°♍55'17	
	-3158 Oct 01 j 13:31	0°♎	
greatest brilliancy	-3158 Oct 10 j 21:56	13°♎06'12	-0.5m
evening max el	-3158 Oct 16 j 14:42	19°♎50'58	20°52'14
retrograde	-3158 Oct 24 j 21:58	24°♎45'45	
evening set	-3158 Oct 28 j 19:11	23°♎19'39	
asc. node	-3158 Oct 29 j 12:26	22°♎44'42	
inferior conj	-3158 Nov 03 j 05:50	17°♎07'37	1°34'21
minimum elong	-3158 Nov 03 j 03:47	17°♎14'35	1°33'32
min. Earth dist.	-3158 Nov 03 j 18:02	16°♎25'59	0.67099 AU
morning rise	-3158 Nov 08 j 12:00	10°♎50'53	
direct	-3158 Nov 13 j 19:26	8°♎34'07	
morning max el	-3158 Nov 24 j 18:20	15°♎06'01	24°06'18
	-3158 Dec 06 j 23:27	0°♏	
desc. node	-3158 Dec 10 j 09:52	4°♏48'23	
	-3158 Dec 26 j 17:05	0°♐	
morning set	-3158 Dec 30 j 09:33	6°♐14'26	
max. Earth dist.	-3157 Jan 03 j 07:24	13°♐06'10	1.38306 AU
superior conj	-3157 Jan 10 j 10:26	26°♐16'26	-1°-50'-48
minimum elong	-3157 Jan 10 j 12:45	26°♐27'32	1°50'48
	-3157 Jan 12 j 09:00	0°♑	
evening rise	-3157 Jan 19 j 07:09	13°♑34'23	
asc. node	-3157 Jan 25 j 11:36	25°♑21'30	
	-3157 Jan 28 j 03:51	0°♒	
evening max el	-3157 Feb 04 j 20:20	10°♒14'52	18°56'25
retrograde	-3157 Feb 13 j 05:33	14°♒16'45	
evening set	-3157 Feb 15 j 14:25	13°♒58'46	
inferior conj	-3157 Feb 23 j 12:47	9°♒41'11	3°07'18
minimum elong	-3157 Feb 23 j 17:23	9°♒32'57	3°06'13
min. Earth dist.	-3157 Feb 26 j 17:24	7°♒25'13	0.57346 AU
morning rise	-3157 Mar 03 j 16:29	4°♒36'16	
desc. node	-3157 Mar 08 j 08:59	3°♒28'31	
direct	-3157 Mar 09 j 01:21	3°♒27'23	
morning max el	-3157 Mar 23 j 07:36	10°♒50'33	25°44'39
	-3157 Apr 06 j 23:05	0°♓	
morning set	-3157 Apr 19 j 21:59	24°♓17'23	
	-3157 Apr 22 j 14:21	0°♈	
asc. node	-3157 Apr 23 j 11:04	1°♈51'59	
superior conj	-3157 Apr 26 j 22:58	9°♈29'21	0°35'55
minimum elong	-3157 Apr 26 j 21:27	9°♈21'03	0°35'36
max. Earth dist.	-3157 Apr 27 j 17:03	11°♈07'59	1.32758 AU
evening rise	-3157 May 04 j 02:26	24°♈45'57	

	-3157 May 06 j 16:22	0°♉	
	-3157 May 24 j 07:43	0°♊	
desc. node	-3157 Jun 04 j 07:53	13°♊06'30	
evening max el	-3157 Jun 04 j 07:23	13°♊05'20	27°06'39
retrograde	-3157 Jun 18 j 05:56	20°♊26'26	
evening set	-3157 Jun 25 j 05:12	18°♊13'06	
min. Earth dist.	-3157 Jun 28 j 20:59	15°♊28'03	0.61411 AU
inferior conj	-3157 Jul 02 j 01:35	12°♊38'00	-4°-17'-53
minimum elong	-3157 Jul 02 j 03:50	12°♊32'58	4°17'35
morning rise	-3157 Jul 09 j 05:20	7°♊43'43	
direct	-3157 Jul 11 j 17:15	7°♊17'44	
morning max el	-3157 Jul 18 j 16:03	10°♊44'53	18°00'46
asc. node	-3157 Jul 20 j 10:27	12°♊38'44	
	-3157 Jul 31 j 10:05	0°♋	
morning set	-3157 Aug 03 j 16:02	5°♋56'02	
superior conj	-3157 Aug 14 j 02:46	24°♋46'38	1°35'14
minimum elong	-3157 Aug 14 j 06:52	25°♋04'32	1°35'01
	-3157 Aug 17 j 03:13	0°♌	
max. Earth dist.	-3157 Aug 21 j 14:10	7°♌30'17	1.42142 AU
evening rise	-3157 Aug 28 j 00:52	17°♌57'21	
desc. node	-3157 Aug 31 j 07:12	23°♌05'14	
	-3157 Sep 04 j 19:12	0°♍	
greatest brilliancy	-3157 Sep 24 j 15:28	27°♍53'30	-0.3m
	-3157 Sep 26 j 09:48	0°♎	
evening max el	-3157 Sep 29 j 09:42	3°♎16'36	22°06'37
retrograde	-3157 Oct 08 j 17:46	8°♎49'41	
evening set	-3157 Oct 13 j 03:10	7°♎05'28	
asc. node	-3157 Oct 16 j 09:31	3°♎37'11	
inferior conj	-3157 Oct 18 j 12:04	0°♎46'52	0°43'10
minimum elong	-3157 Oct 18 j 11:04	0°♎50'16	0°42'45
min. Earth dist.	-3157 Oct 18 j 13:40	0°♎41'20	0.67423 AU
	-3157 Oct 19 j 01:38	30°℞♍	
morning rise	-3157 Oct 23 j 18:48	24°♍30'37	
direct	-3157 Oct 28 j 11:00	22°♍35'35	
morning max el	-3157 Nov 07 j 05:07	28°♍24'02	22°39'31
	-3157 Nov 08 j 17:33	0°♎	
greatest brilliancy	-3157 Nov 11 j 22:09	3°♎41'36	-0.3m
desc. node	-3157 Nov 27 j 06:52	24°♎49'50	
	-3157 Nov 30 j 17:22	0°♏	
morning set	-3157 Dec 11 j 00:34	16°♏14'54	
max. Earth dist.	-3157 Dec 16 j 03:52	24°♏49'13	1.40384 AU
	-3157 Dec 19 j 04:02	0°♐	
superior conj	-3157 Dec 23 j 22:20	8°♐27'49	-1°-56'-23
minimum elong	-3157 Dec 23 j 22:15	8°♐27'27	1°56'30
evening rise	-3156 Jan 02 j 20:07	26°♐56'01	
	-3156 Jan 04 j 11:05	0°♑	
asc. node	-3156 Jan 12 j 08:38	14°♑04'50	
evening max el	-3156 Jan 19 j 01:10	22°♑54'50	18°22'28
retrograde	-3156 Jan 26 j 09:09	26°♑32'18	
evening set	-3156 Jan 28 j 21:11	26°♑08'09	
inferior conj	-3156 Feb 05 j 03:35	21°♑29'56	3°49'19
minimum elong	-3156 Feb 05 j 05:54	21°♑25'05	3°49'00
min. Earth dist.	-3156 Feb 08 j 12:59	18°♑41'47	0.59261 AU
morning rise	-3156 Feb 12 j 11:12	16°♑00'41	
direct	-3156 Feb 18 j 20:23	14°♑12'54	
desc. node	-3156 Feb 23 j 06:04	15°♑01'57	
morning max el	-3156 Mar 04 j 02:49	21°♑50'34	26°56'58
	-3156 Mar 11 j 07:00	0°♒	
	-3156 Mar 29 j 18:28	0°♓	
morning set	-3156 Apr 03 j 08:08	9°♓12'52	
asc. node	-3156 Apr 09 j 08:03	22°♓04'54	
superior conj	-3156 Apr 10 j 10:44	24°♓30'54	0°11'39
minimum elong	-3156 Apr 10 j 10:13	24°♓28'04	0°11'31
behind sun begin	-3156 Apr 10 j 06:46	24°♓09'14	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

behind sun end	-3156 Apr 10 j 13:39	24°♓46'53		
max. Earth dist.	-3156 Apr 10 j 06:17	24°♓06'30	1.32523 AU	
	-3156 Apr 12 j 22:55	0°♈		
evening rise	-3156 Apr 17 j 10:56	9°♈38'39		
	-3156 Apr 28 j 01:19	0°♉		
evening max el	-3156 May 16 j 07:34	24°♉51'24	26°15'43	
desc. node	-3156 May 21 j 04:56	28°♉52'26		
	-3156 May 23 j 00:30	0°♊		
retrograde	-3156 May 30 j 09:33	2°♊08'49		
evening set	-3156 Jun 05 j 15:52	0°♊31'02		
	-3156 Jun 06 j 14:46	30°℞♉		
min. Earth dist.	-3156 Jun 09 j 20:31	27°♉50'35	0.59368 AU	
inferior conj	-3156 Jun 13 j 05:28	25°♉14'15	-4°-23'-34	
minimum elong	-3156 Jun 13 j 04:40	25°♉15'48	4°23'28	
morning rise	-3156 Jun 20 j 21:09	20°♉42'10		
direct	-3156 Jun 23 j 08:32	20°♉20'41		
morning max el	-3156 Jul 01 j 01:33	24°♉02'01	18°24'41	
	-3156 Jul 05 j 23:51	0°♊		
asc. node	-3156 Jul 06 j 07:29	0°♊27'52		
morning set	-3156 Jul 17 j 03:07	19°♊32'21		
	-3156 Jul 22 j 14:39	0°♋		
superior conj	-3156 Jul 26 j 09:07	7°♋02'34	1°47'07	
minimum elong	-3156 Jul 26 j 10:36	7°♋09'25	1°47'10	
max. Earth dist.	-3156 Aug 02 j 18:40	20°♋15'10	1.40280 AU	
evening rise	-3156 Aug 07 j 08:40	28°♋00'43		
	-3156 Aug 08 j 13:34	0°♌		
desc. node	-3156 Aug 17 j 04:11	13°♌38'21		
	-3156 Aug 28 j 09:23	0°♍		
evening max el	-3156 Sep 10 j 23:42	16°♍43'36	23°26'47	
retrograde	-3156 Sep 21 j 10:42	22°♍54'43		
evening set	-3156 Sep 26 j 10:04	20°♍51'16		
inferior conj	-3156 Oct 01 j 18:45	14°♍29'52	0°-10'-10	
minimum elong	-3156 Oct 01 j 18:59	14°♍29'04	0°10'02	
transit middle	-3156 Oct 01 j 18:59	14°♍29'04	0°10'02	
transit begin	-3156 Oct 01 j 16:51	14°♍36'23		
transit end	-3156 Oct 01 j 21:07	14°♍21'45		
min. Earth dist.	-3156 Oct 01 j 10:10	14°♍59'18	0.67446 AU	
asc. node	-3156 Oct 02 j 06:35	13°♍49'20		
morning rise	-3156 Oct 07 j 03:57	8°♍17'10		
direct	-3156 Oct 11 j 06:12	6°♍43'28		
morning max el	-3156 Oct 19 j 21:04	11°♍48'21	21°17'28	
greatest brilliancy	-3156 Oct 25 j 05:32	18°♍00'43	-0.4m	
	-3156 Nov 02 j 23:23	0°♎		
desc. node	-3156 Nov 13 j 03:50	15°♎08'54		
morning set	-3156 Nov 19 j 11:57	24°♎57'54		
	-3156 Nov 22 j 16:11	0°♏		
max. Earth dist.	-3156 Nov 27 j 06:13	7°♏25'01	1.42311 AU	
superior conj	-3156 Dec 04 j 12:01	19°♏33'13	-1°-49'-24	
minimum elong	-3156 Dec 04 j 08:08	19°♏16'35	1°49'17	
	-3156 Dec 10 j 11:33	0°♐		
evening rise	-3156 Dec 15 j 20:01	9°♐36'59		
	-3156 Dec 27 j 17:21	0°♑		
asc. node	-3156 Dec 29 j 05:40	2°♑07'56		
evening max el	-3155 Jan 01 j 11:18	5°♑56'16	18°08'23	
retrograde	-3155 Jan 08 j 04:49	9°♑23'47		
evening set	-3155 Jan 10 j 20:01	8°♑52'14		
inferior conj	-3155 Jan 17 j 13:11	3°♑52'10	4°00'34	
minimum elong	-3155 Jan 17 j 12:53	3°♑52'53	4°00'27	
min. Earth dist.	-3155 Jan 20 j 15:08	0°♑56'09	0.61293 AU	
	-3155 Jan 21 j 16:26	30°℞♐		
morning rise	-3155 Jan 24 j 03:15	28°♐06'19		
direct	-3155 Jan 31 j 02:00	25°♐43'47		
desc. node	-3155 Feb 09 j 03:09	29°♐10'39		
	-3155 Feb 10 j 05:43	0°♑		
morning max el	-3155 Feb 14 j 04:03	3°♑28'00	27°37'05	
	-3155 Mar 05 j 18:56	0°♒		
morning set	-3155 Mar 18 j 14:32	23°♒54'22		
	-3155 Mar 21 j 12:34	0°♓		
max. Earth dist.	-3155 Mar 24 j 18:20	6°♓57'50	1.32638 AU	
superior conj	-3155 Mar 25 j 21:48	9°♓27'15	0°-13'-38	
minimum elong	-3155 Mar 25 j 22:25	9°♓30'38	0°13'33	
behind sun begin	-3155 Mar 25 j 19:48	9°♓16'18		
behind sun end	-3155 Mar 26 j 01:03	9°♓44'59		
asc. node	-3155 Mar 27 j 05:04	12°♓17'46		
evening rise	-3155 Apr 01 j 21:55	24°♓35'46		
	-3155 Apr 04 j 12:35	0°♈		
	-3155 Apr 22 j 16:02	0°♉		
evening max el	-3155 Apr 28 j 01:49	5°♉57'30	24°58'11	
desc. node	-3155 May 08 j 02:01	12°♉27'09		
retrograde	-3155 May 12 j 02:29	13°♉04'39		
evening set	-3155 May 17 j 04:29	12°♉05'23		
min. Earth dist.	-3155 May 22 j 14:00	9°♉13'00	0.57428 AU	
inferior conj	-3155 May 25 j 14:09	7°♉12'14	-3°-58'-24	
minimum elong	-3155 May 25 j 09:36	7°♉19'53	3°57'40	
morning rise	-3155 Jun 02 j 18:47	3°♉00'31		
direct	-3155 Jun 05 j 06:31	2°♉42'26		
morning max el	-3155 Jun 14 j 03:50	6°♉51'22	19°08'59	
asc. node	-3155 Jun 23 j 04:31	19°♉01'35		
	-3155 Jun 29 j 03:21	0°♊		
morning set	-3155 Jul 01 j 00:13	3°♊40'10		
superior conj	-3155 Jul 09 j 09:48	20°♊14'29	1°48'11	
minimum elong	-3155 Jul 09 j 09:06	20°♊11'05	1°48'16	
	-3155 Jul 14 j 13:44	0°♋		
max. Earth dist.	-3155 Jul 15 j 20:35	2°♋21'16	1.38319 AU	
evening rise	-3155 Jul 19 j 18:28	9°♋19'37		
	-3155 Aug 01 j 09:49	0°♌		
desc. node	-3155 Aug 04 j 01:11	3°♌59'13		
	-3155 Aug 24 j 05:25	0°♍		
evening max el	-3155 Aug 24 j 11:07	0°♍14'10	24°46'10	
retrograde	-3155 Sep 04 j 23:43	6°♍57'27		
evening set	-3155 Sep 10 j 14:09	4°♍35'20		
	-3155 Sep 14 j 16:26	30°℞♌		
min. Earth dist.	-3155 Sep 15 j 05:03	29°♌18'25	0.67161 AU	
inferior conj	-3155 Sep 16 j 00:09	28°♌14'53	-1°-4'-3	
minimum elong	-3155 Sep 16 j 01:41	28°♌09'49	1°03'23	
asc. node	-3155 Sep 19 j 03:40	24°♌19'45		
morning rise	-3155 Sep 21 j 13:33	22°♌08'56		
direct	-3155 Sep 25 j 03:46	20°♌54'26		
morning max el	-3155 Oct 02 j 20:14	25°♌21'40	20°05'59	
	-3155 Oct 06 j 20:41	0°♍		
greatest brilliancy	-3155 Oct 10 j 00:43	4°♍11'50	-0.6m	
	-3155 Oct 27 j 08:50	0°♎		
morning set	-3155 Oct 29 j 09:46	3°♎08'58		
desc. node	-3155 Oct 31 j 00:49	5°♎40'22		
max. Earth dist.	-3155 Nov 09 j 16:28	20°♎52'27	1.43810 AU	
superior conj	-3155 Nov 14 j 22:51	29°♎22'51	-1°-26'-12	
minimum elong	-3155 Nov 14 j 15:47	28°♎54'00	1°25'35	
	-3155 Nov 15 j 07:57	0°♏		
evening rise	-3155 Nov 28 j 02:37	21°♏29'17		
	-3155 Dec 03 j 01:23	0°♐		
evening max el	-3155 Dec 15 j 23:50	19°♐11'51	18°13'34	
asc. node	-3155 Dec 16 j 02:45	19°♐19'09		
retrograde	-3155 Dec 22 j 12:32	22°♐42'00		
evening set	-3155 Dec 25 j 07:19	22°♐01'59		
inferior conj	-3155 Dec 31 j 14:00	16°♐40'59	3°49'35	
minimum elong	-3155 Dec 31 j 11:53	16°♐46'43	3°49'13	
min. Earth dist.	-3154 Jan 03 j 02:23	13°♐58'37	0.63168 AU	
morning rise	-3154 Jan 06 j 14:44	10°♐43'26		
direct	-3154 Jan 13 j 15:46	7°♐59'20		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3154 Jan 27 j 00:14	15°♐19'26	
morning max el	-3154 Jan 27 j 10:34	15°♐44'44	27°40'50
	-3154 Feb 08 j 04:54	0°♑	
	-3154 Feb 26 j 09:32	0°♒	
morning set	-3154 Mar 02 j 14:56	8°♒14'12	
max. Earth dist.	-3154 Mar 08 j 01:31	19°♒29'14	1.33129 AU
superior conj	-3154 Mar 10 j 06:32	24°♒12'36	0°-39'-2
minimum elong	-3154 Mar 10 j 08:18	24°♒22'03	0°38'45
	-3154 Mar 12 j 22:56	0°♓	
asc. node	-3154 Mar 14 j 02:06	2°♓26'35	
evening rise	-3154 Mar 17 j 09:38	9°♓30'55	
	-3154 Mar 28 j 03:04	0°♈	
evening max el	-3154 Apr 09 j 17:31	16°♈40'16	23°25'41
retrograde	-3154 Apr 23 j 06:40	23°♈23'51	
desc. node	-3154 Apr 24 j 23:07	23°♈17'31	
evening set	-3154 Apr 27 j 00:13	22°♈53'20	
min. Earth dist.	-3154 May 04 j 04:19	19°♈36'43	0.55925 AU
inferior conj	-3154 May 06 j 02:56	18°♈27'33	-2°-53'-3
minimum elong	-3154 May 05 j 20:44	18°♈36'48	2°51'22
morning rise	-3154 May 14 j 20:35	14°♈29'37	
direct	-3154 May 17 j 09:55	14°♈13'27	
morning max el	-3154 May 27 j 20:24	19°♈04'13	20°13'48
	-3154 Jun 05 j 09:28	0°♉	
asc. node	-3154 Jun 10 j 01:34	8°♉09'20	
morning set	-3154 Jun 15 j 04:18	18°♉11'40	
	-3154 Jun 20 j 22:46	0°♊	
superior conj	-3154 Jun 22 j 23:45	4°♊08'19	1°41'03
minimum elong	-3154 Jun 22 j 21:41	3°♊57'58	1°41'00
max. Earth dist.	-3154 Jun 28 j 01:47	14°♊09'29	1.36498 AU
evening rise	-3154 Jul 02 j 03:10	21°♊46'48	
	-3154 Jul 06 j 17:42	0°♋	
desc. node	-3154 Jul 21 j 22:12	24°♋01'38	
	-3154 Jul 26 j 05:37	0°♌	
evening max el	-3154 Aug 06 j 22:05	13°♌46'45	25°56'55
retrograde	-3154 Aug 19 j 08:06	20°♌52'48	
evening set	-3154 Aug 25 j 13:26	18°♌15'10	
min. Earth dist.	-3154 Aug 29 j 19:50	13°♌35'57	0.66552 AU
inferior conj	-3154 Aug 31 j 02:29	11°♌59'06	-1°-56'-51
minimum elong	-3154 Aug 31 j 05:13	11°♌50'28	1°55'46
morning rise	-3154 Sep 05 j 21:43	6°♌03'14	
asc. node	-3154 Sep 06 j 00:47	5°♌58'40	
direct	-3154 Sep 09 j 02:04	5°♌04'53	
morning max el	-3154 Sep 16 j 02:30	9°♌03'15	19°08'27
	-3154 Oct 01 j 02:53	0°♍	
morning set	-3154 Oct 08 j 17:44	11°♍55'49	
desc. node	-3154 Oct 17 j 21:47	26°♍19'36	
	-3154 Oct 20 j 05:52	0°♎	
max. Earth dist.	-3154 Oct 23 j 08:36	4°♎54'27	1.44687 AU
superior conj	-3154 Oct 25 j 08:26	8°♎03'29	0°-46'-21
minimum elong	-3154 Oct 25 j 02:44	7°♎40'56	0°45'41
	-3154 Nov 08 j 00:10	0°♏	
evening rise	-3154 Nov 09 j 11:16	2°♏23'23	
	-3154 Nov 27 j 05:47	0°♐	
evening max el	-3154 Nov 29 j 11:59	2°♐34'32	18°37'08
asc. node	-3154 Dec 02 j 23:50	5°♐23'31	
retrograde	-3154 Dec 06 j 04:00	6°♐17'55	
evening set	-3154 Dec 09 j 03:36	5°♐27'58	
	-3154 Dec 14 j 22:22	30°℞♏	
inferior conj	-3154 Dec 15 j 02:13	29°♏48'32	3°23'16
minimum elong	-3154 Dec 14 j 23:14	29°♏57'23	3°22'32
min. Earth dist.	-3154 Dec 16 j 23:36	27°♏33'49	0.64727 AU
morning rise	-3154 Dec 20 j 17:42	23°♏42'13	
direct	-3154 Dec 27 j 12:20	20°♏51'43	
morning max el	-3153 Jan 09 j 19:59	28°♏32'01	27°10'23
	-3153 Jan 11 j 06:18	0°♐	
desc. node	-3153 Jan 13 j 21:17	2°♐54'09	
	-3153 Feb 01 j 23:27	0°♑	
morning set	-3153 Feb 14 j 06:19	22°♑02'27	
	-3153 Feb 18 j 06:27	0°♒	
max. Earth dist.	-3153 Feb 18 j 23:57	1°♒29'17	1.34031 AU
superior conj	-3153 Feb 22 j 10:57	8°♒40'14	-1°-3'-29
minimum elong	-3153 Feb 22 j 13:41	8°♒54'34	1°03'06
asc. node	-3153 Feb 28 j 23:09	22°♒26'55	
evening rise	-3153 Mar 01 j 20:15	24°♒17'23	
	-3153 Mar 04 j 15:05	0°♓	
evening max el	-3153 Mar 22 j 12:47	27°♓26'50	21°52'34
	-3153 Mar 25 j 13:09	0°♈	
retrograde	-3153 Apr 03 j 23:49	3°♈29'30	
evening set	-3153 Apr 06 j 16:45	3°♈13'09	
desc. node	-3153 Apr 11 j 20:13	1°♈23'57	
	-3153 Apr 14 j 12:29	30°℞♓	
min. Earth dist.	-3153 Apr 15 j 17:58	29°♓18'51	0.55169 AU
inferior conj	-3153 Apr 16 j 01:05	29°♓08'50	-1°-9'-55
minimum elong	-3153 Apr 15 j 21:52	29°♓13'22	1°08'50
morning rise	-3153 Apr 25 j 04:04	25°♓10'21	
direct	-3153 Apr 27 j 23:31	24°♓52'48	
	-3153 May 09 j 10:26	0°♈	
morning max el	-3153 May 10 j 02:10	0°♈35'47	21°37'22
asc. node	-3153 May 27 j 22:38	27°♈42'37	
	-3153 May 29 j 01:54	0°♉	
morning set	-3153 May 30 j 13:03	3°♉00'12	
superior conj	-3153 Jun 06 j 23:02	18°♉32'35	1°27'50
minimum elong	-3153 Jun 06 j 20:25	18°♉18'59	1°27'36
max. Earth dist.	-3153 Jun 10 j 15:09	26°♉05'01	1.34975 AU
	-3153 Jun 12 j 14:10	0°♊	
evening rise	-3153 Jun 15 j 05:33	5°♊08'35	
	-3153 Jun 29 j 11:49	0°♋	
desc. node	-3153 Jul 08 j 19:14	13°♋37'43	
evening max el	-3153 Jul 20 j 09:27	27°♋15'57	26°51'00
	-3153 Jul 23 j 10:48	0°♌	
retrograde	-3153 Aug 02 j 11:32	4°♌34'55	
evening set	-3153 Aug 09 j 05:38	1°♌48'35	
	-3153 Aug 11 j 04:14	30°℞♋	
min. Earth dist.	-3153 Aug 13 j 04:13	27°♋48'01	0.65583 AU
inferior conj	-3153 Aug 14 j 23:44	25°♋40'04	-2°-46'-33
minimum elong	-3153 Aug 15 j 03:23	25°♋29'19	2°45'17
morning rise	-3153 Aug 21 j 02:19	19°♋57'28	
direct	-3153 Aug 23 j 23:07	19°♋11'54	
asc. node	-3153 Aug 23 j 21:52	19°♋11'55	
morning max el	-3153 Aug 30 j 14:12	22°♋50'31	18°26'47
	-3153 Sep 05 j 06:45	0°♌	
morning set	-3153 Sep 19 j 03:13	21°♌58'54	
	-3153 Sep 24 j 01:56	0°♍	
superior conj	-3153 Oct 04 j 08:02	16°♍21'07	0°02'53
minimum elong	-3153 Oct 04 j 08:25	16°♍22'38	0°02'52
behind sun begin	-3153 Oct 03 j 21:17	15°♍38'37	
behind sun end	-3153 Oct 04 j 19:33	17°♍06'36	
desc. node	-3153 Oct 04 j 18:47	17°♍03'34	
max. Earth dist.	-3153 Oct 06 j 02:51	19°♍09'58	1.44845 AU
	-3153 Oct 13 j 00:14	0°♎	
evening rise	-3153 Oct 20 j 19:15	12°♎14'51	
	-3153 Nov 01 j 03:34	0°♏	
greatest brilliancy	-3153 Nov 02 j 19:48	2°♏33'14	-0.7m
evening max el	-3153 Nov 12 j 21:16	16°♏00'23	19°17'55
retrograde	-3153 Nov 19 j 23:48	20°♏05'56	
asc. node	-3153 Nov 19 j 20:55	20°♏05'51	
evening set	-3153 Nov 23 j 06:00	19°♏04'03	
inferior conj	-3153 Nov 28 j 22:36	13°♏09'19	2°46'23

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3153 Nov 28 j 19:34	13°♏19'00	2°45'25
min. Earth dist.	-3153 Nov 30 j 05:57	11°♏29'12	0.65923 AU
morning rise	-3153 Dec 04 j 08:18	6°♏56'49	
direct	-3153 Dec 10 j 15:10	4°♏12'44	
morning max el	-3153 Dec 23 j 05:40	11°♏37'18	26°12'09
desc. node	-3153 Dec 31 j 18:20	21°♏29'35	
	-3152 Jan 07 j 00:13	0°♐	
	-3152 Jan 25 j 13:43	0°♑	
morning set	-3152 Jan 28 j 08:41	5°♑06'56	
max. Earth dist.	-3152 Feb 01 j 10:45	12°♑54'19	1.35377 AU
superior conj	-3152 Feb 06 j 08:41	22°♑42'51	-1°-25'-35
minimum elong	-3152 Feb 06 j 11:57	22°♑59'29	1°25'16
	-3152 Feb 09 j 21:38	0°♒	
evening rise	-3152 Feb 14 j 03:53	8°♒48'51	
asc. node	-3152 Feb 15 j 20:11	12°♒13'52	
	-3152 Feb 25 j 16:50	0°♓	
evening max el	-3152 Mar 03 j 17:05	8°♓40'52	20°30'17
retrograde	-3152 Mar 14 j 13:50	13°♓51'31	
evening set	-3152 Mar 16 j 20:38	13°♓38'44	
inferior conj	-3152 Mar 25 j 20:59	9°♓40'51	0°47'21
minimum elong	-3152 Mar 25 j 23:06	9°♓37'47	0°46'35
min. Earth dist.	-3152 Mar 27 j 08:09	8°♓49'32	0.55347 AU
desc. node	-3152 Mar 28 j 17:21	8°♓02'22	
morning rise	-3152 Apr 03 j 23:33	5°♓22'54	
direct	-3152 Apr 07 j 12:04	4°♓55'54	
morning max el	-3152 Apr 20 j 22:24	11°♓29'58	23°13'52
	-3152 May 04 j 16:32	0°♈	
asc. node	-3152 May 13 j 19:39	17°♈33'44	
morning set	-3152 May 14 j 00:22	17°♈58'22	
	-3152 May 19 j 15:48	0°♉	
superior conj	-3152 May 21 j 04:32	3°♉16'39	1°10'08
minimum elong	-3152 May 21 j 02:00	3°♉03'06	1°09'46
max. Earth dist.	-3152 May 23 j 14:09	8°♉22'03	1.33823 AU
evening rise	-3152 May 28 j 20:42	19°♉09'54	
	-3152 Jun 03 j 12:55	0°♊	
	-3152 Jun 22 j 15:21	0°♋	
desc. node	-3152 Jun 24 j 16:18	2°♋35'19	
evening max el	-3152 Jul 01 j 20:28	10°♋31'12	27°21'10
retrograde	-3152 Jul 15 j 09:33	17°♋54'39	
evening set	-3152 Jul 22 j 11:51	15°♋10'29	
min. Earth dist.	-3152 Jul 26 j 04:12	11°♋46'05	0.64233 AU
inferior conj	-3152 Jul 28 j 13:28	9°♋12'30	-3°-30'-30
minimum elong	-3152 Jul 28 j 17:27	9°♋01'48	3°29'25
morning rise	-3152 Aug 04 j 00:49	3°♋46'16	
direct	-3152 Aug 06 j 16:24	3°♋10'17	
asc. node	-3152 Aug 09 j 18:57	3°♋59'39	
morning max el	-3152 Aug 13 j 04:48	6°♋37'40	18°02'14
	-3152 Aug 28 j 16:58	0°♌	
morning set	-3152 Aug 30 j 15:49	3°♌19'48	
superior conj	-3152 Sep 12 j 20:15	25°♌19'24	0°48'48
minimum elong	-3152 Sep 13 j 01:18	25°♌39'53	0°48'14
	-3152 Sep 15 j 17:49	0°♍	
max. Earth dist.	-3152 Sep 17 j 19:49	3°♍19'43	1.44280 AU
desc. node	-3152 Sep 20 j 15:44	7°♍48'43	
evening rise	-3152 Sep 29 j 06:18	21°♍14'03	
	-3152 Oct 04 j 23:17	0°♎	
greatest brilliancy	-3152 Oct 19 j 08:22	21°♎11'53	-0.6m
evening max el	-3152 Oct 26 j 01:47	29°♎27'06	20°14'08
	-3152 Oct 26 j 14:50	0°♏	
retrograde	-3152 Nov 02 j 21:05	4°♏02'15	
asc. node	-3152 Nov 05 j 17:59	3°♏14'33	
evening set	-3152 Nov 06 j 12:07	2°♏45'54	
	-3152 Nov 09 j 09:43	30°℞♎	
inferior conj	-3152 Nov 12 j 00:28	26°♎39'22	2°02'12

minimum elong	-3152 Nov 11 j 21:57	26°♎47'49	2°01'15
min. Earth dist.	-3152 Nov 12 j 19:20	25°♎36'06	0.66762 AU
morning rise	-3152 Nov 17 j 07:13	20°♎23'18	
direct	-3152 Nov 22 j 23:33	17°♎54'45	
morning max el	-3152 Dec 04 j 14:20	24°♎49'39	24°55'10
	-3152 Dec 09 j 06:56	0°♏	
desc. node	-3152 Dec 17 j 15:21	10°♏47'56	
	-3152 Dec 30 j 11:44	0°♐	
morning set	-3151 Jan 09 j 16:43	17°♐12'13	
max. Earth dist.	-3151 Jan 13 j 10:38	23°♐59'06	1.37141 AU
	-3151 Jan 16 j 15:39	0°♑	
superior conj	-3151 Jan 19 j 20:39	6°♑11'49	-1°-43'-26
minimum elong	-3151 Jan 19 j 23:40	6°♑26'35	1°43'19
evening rise	-3151 Jan 28 j 06:23	22°♑58'56	
	-3151 Jan 31 j 19:53	0°♒	
asc. node	-3151 Feb 01 j 17:13	1°♒41'57	
evening max el	-3151 Feb 14 j 08:13	20°♒31'57	19°25'10
retrograde	-3151 Feb 23 j 12:54	24°♒54'36	
evening set	-3151 Feb 25 j 20:04	24°♒39'26	
inferior conj	-3151 Mar 06 j 04:29	20°♒32'23	2°26'15
minimum elong	-3151 Mar 06 j 09:20	20°♒24'26	2°24'51
min. Earth dist.	-3151 Mar 08 j 23:07	18°♒43'43	0.56419 AU
morning rise	-3151 Mar 14 j 18:51	15°♒44'32	
desc. node	-3151 Mar 15 j 14:26	15°♒28'51	
direct	-3151 Mar 19 j 11:07	14°♒54'35	
morning max el	-3151 Apr 02 j 13:33	22°♒04'56	24°52'27
	-3151 Apr 09 j 12:09	0°♓	
	-3151 Apr 27 j 01:54	0°♈	
morning set	-3151 Apr 28 j 12:34	3°♈00'21	
asc. node	-3151 Apr 30 j 16:41	7°♈37'13	
superior conj	-3151 May 05 j 13:56	18°♈12'42	0°49'08
minimum elong	-3151 May 05 j 11:57	18°♈01'53	0°48'46
max. Earth dist.	-3151 May 06 j 21:23	21°♈03'03	1.33050 AU
	-3151 May 11 j 02:23	0°♉	
evening rise	-3151 May 12 j 20:50	3°♉38'54	
	-3151 May 27 j 07:26	0°♊	
desc. node	-3151 Jun 11 j 13:21	20°♊37'56	
evening max el	-3151 Jun 14 j 05:18	23°♊20'28	27°21'25
	-3151 Jun 24 j 01:24	0°♋	
retrograde	-3151 Jun 28 j 01:19	0°♋42'44	
	-3151 Jul 01 j 21:21	30°℞♊	
evening set	-3151 Jul 05 j 04:24	28°♊14'26	
min. Earth dist.	-3151 Jul 08 j 18:27	25°♊18'26	0.62525 AU
inferior conj	-3151 Jul 11 j 16:48	22°♊30'02	-4°-4'-48
minimum elong	-3151 Jul 11 j 20:06	22°♊22'07	4°04'12
morning rise	-3151 Jul 18 j 14:11	17°♊23'04	
direct	-3151 Jul 21 j 02:51	16°♊53'59	
asc. node	-3151 Jul 27 j 16:00	20°♊09'55	
morning max el	-3151 Jul 27 j 19:37	20°♊18'42	17°55'47
	-3151 Aug 04 j 01:01	0°♋	
morning set	-3151 Aug 13 j 02:45	15°♋44'51	
	-3151 Aug 21 j 04:22	0°♌	
superior conj	-3151 Aug 24 j 10:32	5°♌35'23	1°22'26
minimum elong	-3151 Aug 24 j 15:49	5°♌57'46	1°22'00
max. Earth dist.	-3151 Aug 31 j 09:18	17°♌08'23	1.43074 AU
desc. node	-3151 Sep 07 j 12:41	28°♌32'11	
evening rise	-3151 Sep 08 j 11:14	0°♍00'17	
	-3151 Sep 08 j 11:10	0°♍	
	-3151 Sep 28 j 15:53	0°♎	
greatest brilliancy	-3151 Oct 03 j 20:54	6°♎56'21	-0.4m
evening max el	-3151 Oct 09 j 00:23	12°♎53'30	21°22'57
retrograde	-3151 Oct 17 j 17:46	18°♎04'00	
evening set	-3151 Oct 21 j 19:54	16°♎30'35	
asc. node	-3151 Oct 23 j 15:03	14°♎50'30	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3151 Oct 27 j 05:38	10°♎15'34	1°13'01
minimum elong	-3151 Oct 27 j 04:01	10°♎21'10	1°12'20
min. Earth dist.	-3151 Oct 27 j 13:19	9°♎49'11	0.67275 AU
morning rise	-3151 Nov 01 j 11:47	3°♎58'43	
direct	-3151 Nov 06 j 12:47	1°♎50'47	
morning max el	-3151 Nov 16 j 23:17	8°♎04'31	23°29'14
greatest brilliancy	-3151 Nov 23 j 01:53	15°♎02'11	-0.2m
	-3151 Dec 04 j 02:21	0°♏	
desc. node	-3151 Dec 04 j 12:19	0°♏36'10	
morning set	-3151 Dec 22 j 00:01	28°♏00'31	
	-3151 Dec 23 j 04:14	0°♐	
max. Earth dist.	-3151 Dec 26 j 05:58	5°♐18'02	1.39188 AU
superior conj	-3150 Jan 02 j 18:45	18°♐55'04	-1°-54'-28
minimum elong	-3150 Jan 02 j 20:16	19°♐02'05	1°54'32
	-3150 Jan 08 j 14:32	0°♑	
evening rise	-3150 Jan 12 j 01:07	6°♑39'52	
asc. node	-3150 Jan 19 j 14:14	20°♑43'39	
	-3150 Jan 25 j 17:21	0°♒	
evening max el	-3150 Jan 28 j 08:46	2°♒55'49	18°39'35
retrograde	-3150 Feb 05 j 05:36	6°♒45'00	
evening set	-3150 Feb 07 j 16:02	6°♒24'25	
inferior conj	-3150 Feb 15 j 07:18	1°♒58'27	3°29'23
minimum elong	-3150 Feb 15 j 11:06	1°♒51'11	3°28'40
	-3150 Feb 17 j 21:28	30°♑℞	
min. Earth dist.	-3150 Feb 18 j 15:52	29°♑26'09	0.58130 AU
morning rise	-3150 Feb 23 j 02:28	26°♑42'35	
direct	-3150 Feb 28 j 23:01	25°♑17'22	
desc. node	-3150 Mar 02 j 11:31	25°♑23'06	
	-3150 Mar 12 j 02:01	0°♒	
morning max el	-3150 Mar 15 j 05:38	2°♒47'18	26°18'42
	-3150 Apr 03 j 17:55	0°♓	
morning set	-3150 Apr 12 j 23:56	17°♓59'41	
asc. node	-3150 Apr 17 j 13:41	27°♓47'44	
	-3150 Apr 18 j 13:55	0°♈	
superior conj	-3150 Apr 20 j 01:17	3°♈13'33	0°25'48
minimum elong	-3150 Apr 20 j 00:10	3°♈07'25	0°25'34
max. Earth dist.	-3150 Apr 20 j 09:36	3°♈59'02	1.32623 AU
evening rise	-3150 Apr 27 j 02:58	18°♈25'13	
	-3150 May 02 j 22:32	0°♉	
	-3150 May 22 j 05:58	0°♊	
evening max el	-3150 May 27 j 09:19	5°♊31'49	26°48'47
desc. node	-3150 May 29 j 10:25	7°♊22'33	
retrograde	-3150 Jun 10 j 09:27	12°♊50'48	
evening set	-3150 Jun 17 j 03:04	10°♊51'49	
min. Earth dist.	-3150 Jun 20 j 22:49	8°♊10'45	0.60554 AU
inferior conj	-3150 Jun 24 j 06:19	5°♊24'14	-4°-23'-22
minimum elong	-3150 Jun 24 j 07:27	5°♊21'50	4°23'15
morning rise	-3150 Jul 01 j 14:57	0°♊39'01	
direct	-3150 Jul 04 j 02:36	0°♊14'59	
morning max el	-3150 Jul 11 j 07:50	3°♊46'39	18°08'27
asc. node	-3150 Jul 14 j 13:03	7°♊27'15	
morning set	-3150 Jul 27 j 06:25	28°♊59'11	
	-3150 Jul 27 j 19:26	0°♋	
superior conj	-3150 Aug 06 j 03:42	17°♋11'40	1°41'46
minimum elong	-3150 Aug 06 j 06:42	17°♋25'05	1°41'42
max. Earth dist.	-3150 Aug 13 j 17:37	0°♌21'28	1.41384 AU
	-3150 Aug 13 j 12:31	0°♌	
evening rise	-3150 Aug 19 j 05:32	9°♌25'27	
desc. node	-3150 Aug 25 j 09:41	19°♌10'38	
	-3150 Sep 01 j 13:49	0°♍	
greatest brilliancy	-3150 Sep 16 j 21:19	20°♍55'48	-0.3m
evening max el	-3150 Sep 21 j 17:10	26°♍20'23	22°40'23
	-3150 Sep 25 j 22:08	0°♎	
retrograde	-3150 Oct 01 j 12:22	2°♎09'19	
evening set	-3150 Oct 06 j 03:38	0°♎16'53	
	-3150 Oct 06 j 11:35	30°℞♍	
asc. node	-3150 Oct 10 j 12:07	25°♍19'49	
inferior conj	-3150 Oct 11 j 12:16	23°♍56'53	0°20'44
minimum elong	-3150 Oct 11 j 11:47	23°♍58'32	0°20'32
min. Earth dist.	-3150 Oct 11 j 09:31	24°♍06'22	0.67475 AU
morning rise	-3150 Oct 16 j 19:51	17°♍42'00	
direct	-3150 Oct 21 j 05:59	15°♍56'11	
morning max el	-3150 Oct 30 j 11:52	21°♍24'58	22°03'39
greatest brilliancy	-3150 Nov 04 j 06:31	26°♍49'54	-0.4m
	-3150 Nov 06 j 18:28	0°♎	
desc. node	-3150 Nov 21 j 09:19	20°♎46'14	
	-3150 Nov 27 j 09:58	0°♏	
morning set	-3150 Dec 02 j 02:33	7°♏25'08	
max. Earth dist.	-3150 Dec 08 j 04:57	17°♏24'42	1.41247 AU
superior conj	-3150 Dec 15 j 21:54	0°♐40'08	-1°-55'-12
minimum elong	-3150 Dec 15 j 20:19	0°♐33'08	1°55'16
	-3150 Dec 15 j 12:49	0°♐	
evening rise	-3150 Dec 26 j 09:00	19°♐45'14	
	-3150 Dec 31 j 23:03	0°♑	
asc. node	-3149 Jan 06 j 11:16	9°♑10'56	
evening max el	-3149 Jan 11 j 16:09	15°♑45'24	18°14'01
retrograde	-3149 Jan 18 j 16:38	19°♑17'03	
evening set	-3149 Jan 21 j 06:05	18°♑49'45	
inferior conj	-3149 Jan 28 j 06:26	14°♑01'50	3°57'20
minimum elong	-3149 Jan 28 j 07:35	13°♑59'16	3°57'11
min. Earth dist.	-3149 Jan 31 j 13:36	11°♑07'42	0.60134 AU
morning rise	-3149 Feb 04 j 06:08	8°♑24'49	
direct	-3149 Feb 10 j 22:26	6°♑21'27	
desc. node	-3149 Feb 17 j 08:36	8°♑05'54	
morning max el	-3149 Feb 25 j 03:20	14°♑01'46	27°18'28
	-3149 Mar 09 j 23:09	0°♒	
	-3149 Mar 26 j 23:39	0°♓	
morning set	-3149 Mar 28 j 08:45	2°♓49'53	
max. Earth dist.	-3149 Apr 03 j 22:59	16°♓56'47	1.32532 AU
asc. node	-3149 Apr 04 j 10:42	18°♓00'54	
superior conj	-3149 Apr 04 j 12:57	18°♓13'11	0°00'59
minimum elong	-3149 Apr 04 j 12:54	18°♓12'55	0°00'58
behind sun begin	-3149 Apr 04 j 07:54	17°♓45'32	
behind sun end	-3149 Apr 04 j 17:54	18°♓40'19	
	-3149 Apr 09 j 22:57	0°♈	
evening rise	-3149 Apr 11 j 12:46	3°♈20'27	
	-3149 Apr 25 j 22:43	0°♉	
evening max el	-3149 May 09 j 06:45	16°♉59'27	25°45'21
desc. node	-3149 May 16 j 07:30	22°♉17'30	
retrograde	-3149 May 23 j 08:33	24°♉13'20	
evening set	-3149 May 29 j 04:17	22°♉52'07	
min. Earth dist.	-3149 Jun 02 j 19:02	20°♉08'43	0.58514 AU
inferior conj	-3149 Jun 06 j 02:19	17°♉45'01	-4°-17'-19
minimum elong	-3149 Jun 05 j 23:54	17°♉49'26	4°17'04
morning rise	-3149 Jun 13 j 23:26	13°♉22'16	
direct	-3149 Jun 16 j 11:06	13°♉02'14	
morning max el	-3149 Jun 24 j 14:37	16°♉53'06	18°41'04
asc. node	-3149 Jul 01 j 10:07	25°♉36'49	
	-3149 Jul 04 j 01:19	0°♊	
morning set	-3149 Jul 10 j 22:12	12°♊50'12	
superior conj	-3149 Jul 19 j 18:35	29°♊53'44	1°48'43
minimum elong	-3149 Jul 19 j 19:03	29°♊55'55	1°48'50
	-3149 Jul 19 j 19:55	0°♋	
max. Earth dist.	-3149 Jul 26 j 20:48	12°♋49'55	1.39441 AU
evening rise	-3149 Jul 31 j 00:24	20°♋00'33	
	-3149 Aug 06 j 01:54	0°♌	
desc. node	-3149 Aug 12 j 06:41	9°♌39'25	
	-3149 Aug 26 j 18:00	0°♍	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3149 Sep 04 j 05:40	9°♍48'27	24°01'01	
retrograde	-3149 Sep 15 j 03:46	16°♍14'16		
evening set	-3149 Sep 20 j 09:35	14°♍02'21		
min. Earth dist.	-3149 Sep 25 j 05:32	8°♍25'13	0.67366 AU	
inferior conj	-3149 Sep 25 j 18:37	7°♍40'51	0°-33'-2	
minimum elong	-3149 Sep 25 j 19:24	7°♍38'12	0°32'42	
asc. node	-3149 Sep 27 j 09:12	5°♍32'22		
morning rise	-3149 Oct 01 j 05:26	1°♍30'54		
direct	-3149 Oct 05 j 02:15	0°♍05'54		
morning max el	-3149 Oct 13 j 06:56	4°♍53'39	20°45'33	
greatest brilliancy	-3149 Oct 19 j 06:39	11°♍59'18	-0.5m	
	-3149 Oct 31 j 21:31	0°♎		
desc. node	-3149 Nov 08 j 06:19	11°♎11'17		
morning set	-3149 Nov 11 j 05:35	15°♎47'00		
	-3149 Nov 20 j 04:51	0°♏		
max. Earth dist.	-3149 Nov 20 j 11:02	0°♏25'01	1.43016 AU	
superior conj	-3149 Nov 27 j 00:28	11°♏13'29	-1°-41'-40	
minimum elong	-3149 Nov 26 j 18:56	10°♏50'18	1°41'21	
	-3149 Dec 07 j 21:26	0°♐		
evening rise	-3149 Dec 09 j 02:07	2°♐06'50		
asc. node	-3149 Dec 24 j 08:18	26°♐53'29		
evening max el	-3149 Dec 26 j 03:34	28°♐53'17	18°08'14	
	-3149 Dec 27 j 08:28	0°♑		
retrograde	-3148 Jan 01 j 18:08	2°♑20'55		
evening set	-3148 Jan 04 j 10:38	1°♑46'01		
	-3148 Jan 07 j 07:16	30°℞♐		
inferior conj	-3148 Jan 10 j 23:01	26°♐36'40	3°58'11	
minimum elong	-3148 Jan 10 j 21:49	26°♐39'42	3°58'00	
min. Earth dist.	-3148 Jan 13 j 19:33	23°♐44'09	0.62116 AU	
morning rise	-3148 Jan 17 j 06:49	20°♐45'04		
direct	-3148 Jan 24 j 07:34	18°♐11'38		
desc. node	-3148 Feb 04 j 05:41	23°♐10'17		
morning max el	-3148 Feb 07 j 07:22	25°♐57'36	27°43'14	
	-3148 Feb 11 j 02:15	0°♑		
	-3148 Mar 02 j 10:00	0°♒		
morning set	-3148 Mar 11 j 12:59	17°♒23'53		
max. Earth dist.	-3148 Mar 17 j 09:33	29°♒42'00	1.32793 AU	
	-3148 Mar 17 j 12:54	0°♓		
superior conj	-3148 Mar 18 j 23:16	3°♓05'54	0°-24'-27	
minimum elong	-3148 Mar 19 j 00:23	3°♓11'56	0°24'16	
asc. node	-3148 Mar 21 j 07:44	8°♓12'50		
evening rise	-3148 Mar 26 j 00:18	18°♓17'46		
	-3148 Mar 31 j 19:33	0°♈		
evening max el	-3148 Apr 19 j 23:06	27°♈52'35	24°19'48	
	-3148 Apr 22 j 08:29	0°♉		
desc. node	-3148 May 02 j 04:35	4°♉46'18		
retrograde	-3148 May 03 j 20:41	4°♉52'43		
evening set	-3148 May 08 j 08:42	4°♉07'15		
min. Earth dist.	-3148 May 14 j 10:49	1°♉05'55	0.56708 AU	
	-3148 May 16 j 04:39	30°℞♈		
inferior conj	-3148 May 17 j 02:24	29°♈25'17	-3°-35'-57	
minimum elong	-3148 May 16 j 20:42	29°♈34'22	3°34'44	
morning rise	-3148 May 25 j 12:46	25°♈21'02		
direct	-3148 May 28 j 00:44	25°♈04'09		
morning max el	-3148 Jun 06 j 13:11	29°♈29'05	19°34'10	
	-3148 Jun 07 j 02:08	0°♉		
asc. node	-3148 Jun 17 j 07:12	14°♉26'44		
morning set	-3148 Jun 23 j 22:38	27°♉09'27		
	-3148 Jun 25 j 08:36	0°♊		
superior conj	-3148 Jul 02 j 01:33	13°♊26'01	1°46'01	
minimum elong	-3148 Jul 02 j 00:11	13°♊19'13	1°46'04	
max. Earth dist.	-3148 Jul 07 j 23:04	24°♊44'22	1.37512 AU	
	-3148 Jul 10 j 19:56	0°♋		
evening rise	-3148 Jul 11 j 20:36	1°♋50'36		
desc. node	-3148 Jul 29 j 03:42	29°♋53'32		
	-3148 Jul 29 j 05:28	0°♌		
evening max el	-3148 Aug 16 j 16:29	23°♌19'43	25°17'41	
	-3148 Aug 26 j 15:34	0°♍		
retrograde	-3148 Aug 28 j 15:03	0°♍14'46		
	-3148 Aug 30 j 12:31	30°℞♌		
evening set	-3148 Sep 03 j 11:54	27°♌45'18		
min. Earth dist.	-3148 Sep 07 j 23:02	22°♌44'07	0.66944 AU	
inferior conj	-3148 Sep 08 j 22:58	21°♌26'00	-1°-26'-43	
minimum elong	-3148 Sep 09 j 01:01	21°♌19'17	1°25'51	
asc. node	-3148 Sep 13 j 06:20	16°♌26'55		
morning rise	-3148 Sep 14 j 14:40	15°♌23'55		
direct	-3148 Sep 18 j 00:17	14°♌16'54		
morning max el	-3148 Sep 25 j 09:18	18°♌31'07	19°39'34	
greatest brilliancy	-3148 Oct 03 j 19:51	29°♌14'30	-0.6m	
	-3148 Oct 04 j 08:30	0°♍		
morning set	-3148 Oct 20 j 04:50	24°♍05'15		
	-3148 Oct 24 j 00:01	0°♎		
desc. node	-3148 Oct 25 j 03:17	1°♎46'29		
max. Earth dist.	-3148 Nov 01 j 23:35	14°♎07'22	1.44265 AU	
superior conj	-3148 Nov 05 j 23:38	20°♎30'43	-1°-11'-4	
minimum elong	-3148 Nov 05 j 16:24	20°♎01'40	1°10'20	
	-3148 Nov 11 j 19:55	0°♏		
evening rise	-3148 Nov 19 j 23:52	13°♏35'12		
	-3148 Nov 29 j 19:57	0°♐		
evening max el	-3148 Dec 08 j 16:14	12°♐12'27	18°21'27	
asc. node	-3148 Dec 10 j 05:22	13°♐38'11		
retrograde	-3148 Dec 15 j 05:34	15°♐47'13		
evening set	-3148 Dec 18 j 02:07	15°♐03'21		
inferior conj	-3148 Dec 24 j 05:07	9°♐34'24	3°39'58	
minimum elong	-3148 Dec 24 j 02:31	9°♐41'45	3°39'26	
min. Earth dist.	-3148 Dec 26 j 11:14	7°♐02'11	0.63871 AU	
morning rise	-3148 Dec 30 j 01:25	3°♐32'38		
direct	-3147 Jan 06 j 00:37	0°♐43'41		
morning max el	-3147 Jan 19 j 15:27	8°♐28'54	27°31'44	
desc. node	-3147 Jan 21 j 02:46	9°♐59'15		
	-3147 Feb 05 j 09:46	0°♑		
	-3147 Feb 22 j 15:19	0°♒		
morning set	-3147 Feb 23 j 09:56	1°♒31'44		
max. Earth dist.	-3147 Feb 28 j 13:13	12°♒00'07	1.33452 AU	
superior conj	-3147 Mar 03 j 06:24	17°♒44'39	0°-49'-35	
minimum elong	-3147 Mar 03 j 08:36	17°♒56'23	0°49'15	
asc. node	-3147 Mar 08 j 04:45	28°♒18'31		
	-3147 Mar 08 j 23:48	0°♓		
evening rise	-3147 Mar 10 j 11:44	3°♓09'45		
	-3147 Mar 25 j 10:14	0°♈		
evening max el	-3147 Apr 01 j 15:32	8°♈33'40	22°45'28	
retrograde	-3147 Apr 14 j 19:53	15°♈02'06		
evening set	-3147 Apr 18 j 01:01	14°♈39'29		
desc. node	-3147 Apr 19 j 01:42	14°♈23'12		
min. Earth dist.	-3147 Apr 26 j 01:01	11°♈08'36	0.55490 AU	
inferior conj	-3147 Apr 27 j 07:53	10°♈24'14	-2°-13'-3	
minimum elong	-3147 Apr 27 j 02:22	10°♈32'10	2°11'21	
morning rise	-3147 May 06 j 06:14	6°♈27'53		
direct	-3147 May 08 j 21:00	6°♈11'50		
morning max el	-3147 May 20 j 01:13	11°♈24'46	20°47'17	
	-3147 Jun 02 j 04:18	0°♉		
asc. node	-3147 Jun 04 j 04:16	3°♉46'09		
morning set	-3147 Jun 08 j 04:57	11°♉48'40		
superior conj	-3147 Jun 15 j 19:54	27°♉33'55	1°36'05	
minimum elong	-3147 Jun 15 j 17:31	27°♉21'45	1°35'57	
	-3147 Jun 17 j 00:35	0°♊		
max. Earth dist.	-3147 Jun 20 j 06:57	6°♊31'19	1.35807 AU	
evening rise	-3147 Jun 24 j 13:29	14°♊43'02		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3147 Jul 03 j 04:29	0°♋	
desc. node	-3147 Jul 16 j 00:44	19°♋45'58	
	-3147 Jul 23 j 20:54	0°♌	
evening max el	-3147 Jul 30 j 03:42	6°♌52'19	26°22'28
retrograde	-3147 Aug 11 j 21:32	14°♌05'20	
evening set	-3147 Aug 18 j 08:30	11°♌23'12	
min. Earth dist.	-3147 Aug 22 j 11:32	7°♌00'08	0.66182 AU
inferior conj	-3147 Aug 23 j 23:25	5°♌09'45	-2°-18'-29
minimum elong	-3147 Aug 24 j 02:36	4°♌59'59	2°17'16
	-3147 Aug 28 j 20:50	30°℞♋	
morning rise	-3147 Aug 29 j 21:35	29°♋18'51	
asc. node	-3147 Aug 31 j 03:27	28°♋44'38	
direct	-3147 Sep 01 j 22:24	28°♋26'21	
	-3147 Sep 06 j 03:43	0°♌	
morning max el	-3147 Sep 08 j 18:05	2°♌15'33	18°48'36
	-3147 Sep 27 j 19:51	0°♍	
morning set	-3147 Sep 29 j 22:44	3°♍22'30	
desc. node	-3147 Oct 12 j 00:15	22°♍28'15	
max. Earth dist.	-3147 Oct 15 j 16:41	28°♍16'27	1.44845 AU
superior conj	-3147 Oct 16 j 02:26	28°♍54'53	0°-25'-55
minimum elong	-3147 Oct 15 j 23:02	28°♍41'30	0°25'28
	-3147 Oct 16 j 18:58	0°♎	
evening rise	-3147 Oct 31 j 22:06	24°♎02'43	
	-3147 Nov 04 j 14:55	0°♏	
evening max el	-3147 Nov 22 j 03:31	25°♏37'43	18°52'33
asc. node	-3147 Nov 27 j 02:27	29°♏09'59	
retrograde	-3147 Nov 28 j 23:08	29°♏29'13	
evening set	-3147 Dec 02 j 01:20	28°♏34'28	
inferior conj	-3147 Dec 07 j 21:11	22°♏48'25	3°08'40
minimum elong	-3147 Dec 07 j 18:05	22°♏57'54	3°07'49
min. Earth dist.	-3147 Dec 09 j 12:30	20°♏47'46	0.65285 AU
morning rise	-3147 Dec 13 j 09:50	16°♏39'22	
direct	-3147 Dec 20 j 00:08	13°♏49'57	
morning max el	-3146 Jan 02 j 00:59	21°♏24'51	26°48'26
desc. node	-3146 Jan 07 j 23:47	28°♏02'34	
	-3146 Jan 09 j 13:40	0°♐	
	-3146 Jan 29 j 13:18	0°♑	
morning set	-3146 Feb 06 j 20:18	15°♑03'00	
max. Earth dist.	-3146 Feb 11 j 06:40	23°♑43'59	1.34550 AU
	-3146 Feb 14 j 08:33	0°♒	
superior conj	-3146 Feb 15 j 08:18	2°♒02'53	-1°-13'-14
minimum elong	-3146 Feb 15 j 11:19	2°♒18'36	1°12'52
evening rise	-3146 Feb 22 j 21:18	17°♒50'38	
asc. node	-3146 Feb 23 j 01:46	18°♒13'46	
	-3146 Mar 01 j 00:28	0°♓	
evening max el	-3146 Mar 14 j 14:18	19°♓30'09	21°15'46
retrograde	-3146 Mar 26 j 09:43	25°♓10'22	
evening set	-3146 Mar 28 j 20:44	24°♓56'29	
desc. node	-3146 Apr 05 j 22:48	21°♓37'21	
inferior conj	-3146 Apr 07 j 03:13	20°♓57'29	0°-19'-51
minimum elong	-3146 Apr 07 j 02:17	20°♓58'48	0°19'34
min. Earth dist.	-3146 Apr 07 j 14:48	20°♓41'09	0.55134 AU
morning rise	-3146 Apr 16 j 07:28	16°♓52'43	
direct	-3146 Apr 19 j 08:59	16°♓32'13	
morning max el	-3146 May 02 j 02:21	22°♓38'03	22°17'17
	-3146 May 08 j 12:09	0°♈	
asc. node	-3146 May 22 j 01:16	23°♈27'22	
morning set	-3146 May 23 j 14:58	26°♈41'30	
	-3146 May 25 j 04:53	0°♉	
superior conj	-3146 May 30 j 22:05	12°♉06'54	1°20'48
minimum elong	-3146 May 30 j 19:26	11°♉52'57	1°20'29
max. Earth dist.	-3146 Jun 03 j 00:35	18°♉35'15	1.34443 AU
evening rise	-3146 Jun 07 j 21:48	28°♉22'53	
	-3146 Jun 08 j 17:52	0°♊	

	-3146 Jun 26 j 09:02	0°♋	
desc. node	-3146 Jul 02 j 21:48	9°♋07'03	
evening max el	-3146 Jul 12 j 15:19	20°♋17'35	27°07'17
retrograde	-3146 Jul 25 j 22:32	27°♋38'30	
evening set	-3146 Aug 01 j 20:48	24°♋51'56	
min. Earth dist.	-3146 Aug 05 j 16:36	21°♋07'08	0.65054 AU
inferior conj	-3146 Aug 07 j 17:47	18°♋47'42	-3°-6'-7
minimum elong	-3146 Aug 07 j 21:40	18°♋36'40	3°04'53
morning rise	-3146 Aug 13 j 23:54	13°♋11'27	
direct	-3146 Aug 16 j 18:17	12°♋30'10	
asc. node	-3146 Aug 18 j 00:32	12°♋38'43	
morning max el	-3146 Aug 23 j 07:16	16°♋02'51	18°14'11
	-3146 Sep 02 j 08:18	0°♌	
morning set	-3146 Sep 10 j 20:12	14°♌00'22	
	-3146 Sep 20 j 14:27	0°♍	
superior conj	-3146 Sep 25 j 04:48	7°♍22'23	0°23'28
minimum elong	-3146 Sep 25 j 07:40	7°♍33'49	0°23'08
max. Earth dist.	-3146 Sep 28 j 11:15	12°♍33'37	1.44695 AU
desc. node	-3146 Sep 28 j 21:13	13°♍13'00	
	-3146 Oct 09 j 14:19	0°♎	
evening rise	-3146 Oct 11 j 20:09	3°♎29'28	
greatest brilliancy	-3146 Oct 28 j 06:05	28°♎32'53	-0.7m
	-3146 Oct 29 j 06:26	0°♏	
evening max el	-3146 Nov 05 j 11:03	9°♏04'26	19°40'05
retrograde	-3146 Nov 12 j 19:46	13°♏21'17	
asc. node	-3146 Nov 13 j 23:32	13°♏13'33	
evening set	-3146 Nov 16 j 05:34	12°♏13'22	
inferior conj	-3146 Nov 21 j 20:09	6°♏13'12	2°28'21
minimum elong	-3146 Nov 21 j 17:17	6°♏22'35	2°27'21
min. Earth dist.	-3146 Nov 22 j 21:56	4°♏48'56	0.66329 AU
morning rise	-3146 Nov 27 j 04:19	29°♎59'08	
	-3146 Nov 27 j 03:55	30°℞♎	
direct	-3146 Dec 03 j 05:16	27°♎20'57	
	-3146 Dec 10 j 03:16	0°♏	
morning max el	-3146 Dec 15 j 10:08	4°♏33'39	25°41'05
desc. node	-3146 Dec 25 j 20:47	16°♏57'42	
	-3145 Jan 04 j 00:10	0°♐	
morning set	-3145 Jan 20 j 15:30	27°♐43'34	
	-3145 Jan 21 j 21:10	0°♑	
max. Earth dist.	-3145 Jan 24 j 12:33	4°♑57'43	1.36091 AU
superior conj	-3145 Jan 30 j 02:15	15°♑52'04	-1°-33'-49
minimum elong	-3145 Jan 30 j 05:32	16°♑08'31	1°33'34
	-3145 Feb 06 j 00:45	0°♒	
evening rise	-3145 Feb 07 j 02:59	2°♒13'38	
asc. node	-3145 Feb 09 j 22:47	7°♒53'17	
	-3145 Feb 23 j 23:27	0°♓	
evening max el	-3145 Feb 24 j 23:08	0°♓59'03	20°00'11
retrograde	-3145 Mar 07 j 02:04	5°♓47'58	
evening set	-3145 Mar 09 j 08:27	5°♓34'33	
inferior conj	-3145 Mar 18 j 02:29	1°♓34'03	1°33'07
minimum elong	-3145 Mar 18 j 06:16	1°♓28'17	1°31'52
min. Earth dist.	-3145 Mar 20 j 04:49	0°♓17'38	0.55710 AU
	-3145 Mar 20 j 16:44	30°℞♒	
desc. node	-3145 Mar 23 j 19:52	28°♒18'54	
morning rise	-3145 Mar 27 j 01:13	27°♒04'21	
direct	-3145 Mar 31 j 00:47	26°♒29'28	
	-3145 Apr 09 j 18:53	0°♓	
morning max el	-3145 Apr 13 j 19:35	3°♓20'17	23°56'28
	-3145 May 02 j 06:45	0°♈	
morning set	-3145 May 08 j 02:52	11°♈42'11	
asc. node	-3145 May 08 j 22:17	13°♈24'25	
superior conj	-3145 May 15 j 05:28	26°♈56'48	1°01'33
minimum elong	-3145 May 15 j 03:07	26°♈44'07	1°01'11
	-3145 May 16 j 15:37	0°♉	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3145 May 17 j 03:39	1°♉04'13	1.33450 AU
evening rise	-3145 May 22 j 17:10	12°♉37'09	
	-3145 May 31 j 22:55	0°♊	
desc. node	-3145 Jun 19 j 18:51	27°♊43'42	
	-3145 Jun 21 j 18:46	0°♋	
evening max el	-3145 Jun 25 j 01:43	3°♋23'25	27°25'12
retrograde	-3145 Jul 08 j 17:45	10°♋46'17	
evening set	-3145 Jul 15 j 21:41	8°♋06'59	
min. Earth dist.	-3145 Jul 19 j 12:22	4°♋56'13	0.63547 AU
inferior conj	-3145 Jul 22 j 03:28	2°♋14'46	-3°-46'-32
minimum elong	-3145 Jul 22 j 07:19	2°♋04'54	3°45'39
	-3145 Jul 24 j 10:04	30°℞♊	
morning rise	-3145 Jul 28 j 18:56	26°♊56'31	
direct	-3145 Jul 31 j 09:09	26°♊23'38	
asc. node	-3145 Aug 04 j 21:35	28°♊03'35	
morning max el	-3145 Aug 06 j 22:19	29°♊48'26	17°57'19
	-3145 Aug 07 j 02:56	0°♋	
morning set	-3145 Aug 23 j 19:03	25°♋50'56	
	-3145 Aug 26 j 04:26	0°♌	
superior conj	-3145 Sep 05 j 03:23	16°♌51'57	1°04'50
minimum elong	-3145 Sep 05 j 09:01	17°♌15'11	1°04'15
max. Earth dist.	-3145 Sep 11 j 03:34	26°♌38'33	1.43839 AU
	-3145 Sep 13 j 06:01	0°♍	
desc. node	-3145 Sep 15 j 18:13	3°♍58'04	
evening rise	-3145 Sep 21 j 02:21	12°♍17'36	
	-3145 Oct 02 j 18:24	0°♎	
greatest brilliancy	-3145 Oct 13 j 14:34	15°♎25'23	-0.5m
evening max el	-3145 Oct 19 j 13:06	22°♎30'56	20°41'56
retrograde	-3145 Oct 27 j 17:07	27°♎20'36	
evening set	-3145 Oct 31 j 12:39	25°♎57'05	
asc. node	-3145 Oct 31 j 20:36	25°♎41'52	
inferior conj	-3145 Nov 05 j 23:41	19°♎46'15	1°41'49
minimum elong	-3145 Nov 05 j 21:31	19°♎53'39	1°40'57
min. Earth dist.	-3145 Nov 06 j 13:34	18°♎59'04	0.67023 AU
morning rise	-3145 Nov 11 j 05:56	13°♎29'32	
direct	-3145 Nov 16 j 15:38	11°♎09'40	
morning max el	-3145 Nov 27 j 18:51	17°♎47'56	24°19'07
	-3145 Dec 08 j 00:24	0°♏	
desc. node	-3145 Dec 12 j 17:47	6°♏29'51	
	-3145 Dec 28 j 01:48	0°♐	
morning set	-3144 Jan 02 j 13:47	9°♐17'57	
max. Earth dist.	-3144 Jan 06 j 09:54	16°♐05'20	1.37997 AU
superior conj	-3144 Jan 13 j 08:52	29°♐02'41	-1°-49'-9
minimum elong	-3144 Jan 13 j 11:25	29°♐14'58	1°49'06
	-3144 Jan 13 j 20:47	0°♑	
evening rise	-3144 Jan 22 j 02:33	16°♑12'15	
asc. node	-3144 Jan 27 j 19:48	27°♑11'01	
	-3144 Jan 29 j 09:30	0°♒	
evening max el	-3144 Feb 07 j 18:25	13°♒04'11	19°03'14
retrograde	-3144 Feb 16 j 08:28	17°♒11'09	
evening set	-3144 Feb 18 j 16:46	16°♒54'00	
inferior conj	-3144 Feb 26 j 17:44	12°♒39'22	2°57'44
minimum elong	-3144 Feb 26 j 22:29	12°♒31'02	2°56'33
min. Earth dist.	-3144 Feb 29 j 20:19	10°♒29'53	0.57083 AU
morning rise	-3144 Mar 06 j 00:18	7°♒38'35	
desc. node	-3144 Mar 09 j 16:57	6°♒40'23	
direct	-3144 Mar 11 j 04:51	6°♒35'01	
morning max el	-3144 Mar 25 j 10:38	13°♒55'37	25°31'44
	-3144 Apr 07 j 02:43	0°♓	
morning set	-3144 Apr 21 j 14:55	26°♓43'58	
	-3144 Apr 23 j 03:56	0°♈	
asc. node	-3144 Apr 24 j 19:17	3°♈31'27	
superior conj	-3144 Apr 28 j 15:55	11°♈55'43	0°39'28
minimum elong	-3144 Apr 28 j 14:15	11°♈46'42	0°39'09

max. Earth dist.	-3144 Apr 29 j 13:24	13°♈52'48	1.32819 AU
evening rise	-3144 May 05 j 20:08	27°♈14'21	
	-3144 May 07 j 04:37	0°♉	
	-3144 May 24 j 08:30	0°♊	
desc. node	-3144 Jun 05 j 15:55	15°♊16'22	
evening max el	-3144 Jun 06 j 08:31	15°♊56'43	27°11'31
retrograde	-3144 Jun 20 j 06:33	23°♊18'28	
evening set	-3144 Jun 27 j 07:10	21°♊00'43	
min. Earth dist.	-3144 Jun 30 j 22:08	18°♊13'23	0.61707 AU
inferior conj	-3144 Jul 04 j 01:20	15°♊23'03	-4°-15'-3
minimum elong	-3144 Jul 04 j 03:55	15°♊17'10	4°14'42
morning rise	-3144 Jul 11 j 03:24	10°♊25'29	
direct	-3144 Jul 13 j 15:25	9°♊58'48	
morning max el	-3144 Jul 20 j 12:27	13°♊25'04	17°58'53
asc. node	-3144 Jul 21 j 18:38	14°♊44'11	
	-3144 Jul 31 j 19:00	0°♋	
morning set	-3144 Aug 05 j 13:41	8°♋38'01	
superior conj	-3144 Aug 16 j 05:34	27°♋43'18	1°32'18
minimum elong	-3144 Aug 16 j 10:01	28°♋02'37	1°32'02
	-3144 Aug 17 j 13:12	0°♌	
max. Earth dist.	-3144 Aug 23 j 14:37	10°♌12'04	1.42395 AU
evening rise	-3144 Aug 30 j 10:44	21°♌13'48	
desc. node	-3144 Sep 01 j 15:13	24°♌39'44	
	-3144 Sep 05 j 02:09	0°♍	
	-3144 Sep 26 j 04:16	0°♎	
greatest brilliancy	-3144 Sep 26 j 13:23	0°♎28'17	-0.4m
evening max el	-3144 Oct 01 j 09:00	5°♎56'54	21°55'05
retrograde	-3144 Oct 10 j 13:16	11°♎24'17	
evening set	-3144 Oct 14 j 20:41	9°♎43'00	
asc. node	-3144 Oct 17 j 17:40	6°♎45'10	
inferior conj	-3144 Oct 20 j 05:44	3°♎25'10	0°51'10
minimum elong	-3144 Oct 20 j 04:34	3°♎29'12	0°50'39
min. Earth dist.	-3144 Oct 20 j 08:54	3°♎14'14	0.67391 AU
	-3144 Oct 22 j 19:14	30°℞♍	
morning rise	-3144 Oct 25 j 12:15	27°♍08'36	
direct	-3144 Oct 30 j 06:41	25°♍10'10	
	-3144 Nov 08 j 02:24	0°♎	
morning max el	-3144 Nov 09 j 05:06	1°♎05'29	22°52'20
greatest brilliancy	-3144 Nov 14 j 00:18	6°♎28'57	-0.3m
desc. node	-3144 Nov 28 j 14:49	26°♎28'30	
	-3144 Nov 30 j 23:33	0°♏	
morning set	-3144 Dec 13 j 09:13	19°♏31'45	
max. Earth dist.	-3144 Dec 18 j 05:48	27°♏41'26	1.40074 AU
	-3144 Dec 19 j 13:58	0°♐	
superior conj	-3144 Dec 25 j 23:40	11°♐23'26	-1°-56'-17
minimum elong	-3144 Dec 26 j 00:03	11°♐25'12	1°56'23
evening rise	-3143 Jan 04 j 17:11	29°♐39'40	
	-3143 Jan 04 j 21:27	0°♑	
asc. node	-3143 Jan 13 j 16:50	15°♑59'48	
evening max el	-3143 Jan 20 j 22:19	25°♑40'54	18°26'17
retrograde	-3143 Jan 28 j 09:16	29°♑20'48	
evening set	-3143 Jan 30 j 20:54	28°♑57'37	
inferior conj	-3143 Feb 07 j 05:31	24°♑22'47	3°45'07
minimum elong	-3143 Feb 07 j 08:15	24°♑17'13	3°44'41
min. Earth dist.	-3143 Feb 10 j 15:12	21°♑37'53	0.58962 AU
morning rise	-3143 Feb 14 j 16:06	18°♑56'43	
direct	-3143 Feb 20 j 22:23	17°♑14'38	
desc. node	-3143 Feb 24 j 14:01	17°♑48'17	
morning max el	-3143 Mar 07 j 04:59	24°♑50'45	26°47'57
	-3143 Mar 11 j 23:00	0°♒	
	-3143 Mar 31 j 05:16	0°♓	
morning set	-3143 Apr 06 j 01:27	11°♓40'38	
asc. node	-3143 Apr 11 j 16:18	23°♓43'58	
superior conj	-3143 Apr 13 j 03:39	26°♓57'22	0°15'25

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3143 Apr 13 j 02:58	26♓53'38	0°15'16	
behind sun begin	-3143 Apr 13 j 01:43	26♓46'49		
behind sun end	-3143 Apr 13 j 04:12	27♓00'27		
max. Earth dist.	-3143 Apr 13 j 02:26	26♓50'45	1.32539 AU	
	-3143 Apr 14 j 13:00	0♈		
evening rise	-3143 Apr 20 j 04:07	12♈05'40		
	-3143 Apr 29 j 09:17	0♉		
evening max el	-3143 May 19 j 09:45	27♉49'18	26°25'12	
	-3143 May 21 j 20:27	0♊		
desc. node	-3143 May 23 j 12:58	1♊18'31		
retrograde	-3143 Jun 02 j 11:28	5♊07'14		
evening set	-3143 Jun 08 j 21:03	3♊23'51		
min. Earth dist.	-3143 Jun 12 j 22:57	0♊43'40	0.59676 AU	
	-3143 Jun 13 j 21:37	30°℞♉		
inferior conj	-3143 Jun 16 j 07:49	28°♉04'02	-4°-24'-29	
minimum elong	-3143 Jun 16 j 07:35	28°♉04'32	4°24'25	
morning rise	-3143 Jun 23 j 21:39	23°♉28'28		
direct	-3143 Jun 26 j 09:02	23°♉06'24		
morning max el	-3143 Jul 03 j 22:44	26°♉44'57	18°19'48	
	-3143 Jul 06 j 20:46	0♊		
asc. node	-3143 Jul 08 j 15:42	2♊25'14		
morning set	-3143 Jul 19 j 22:57	22♊08'35		
	-3143 Jul 24 j 02:11	0♋		
superior conj	-3143 Jul 29 j 08:37	9♋48'55	1°46'04	
minimum elong	-3143 Jul 29 j 10:29	9♋57'29	1°46'06	
max. Earth dist.	-3143 Aug 05 j 19:53	23°♋03'28	1.40571 AU	
	-3143 Aug 09 j 22:43	0♌		
evening rise	-3143 Aug 10 j 14:45	1°♌06'12		
desc. node	-3143 Aug 19 j 12:14	15°♌14'18		
	-3143 Aug 29 j 12:30	0♍		
greatest brilliancy	-3143 Sep 08 j 01:52	12°♍43'32	-0.2m	
evening max el	-3143 Sep 13 j 23:41	19°♍23'42	23°14'50	
retrograde	-3143 Sep 24 j 06:39	25°♍29'12		
evening set	-3143 Sep 29 j 03:51	23°♍28'40		
min. Earth dist.	-3143 Oct 04 j 05:26	17°♍31'48	0.67459 AU	
inferior conj	-3143 Oct 04 j 12:28	17°♍07'38	0°-1'-58	
minimum elong	-3143 Oct 04 j 12:31	17°♍07'28	0°01'57	
transit middle	-3143 Oct 04 j 12:31	17°♍07'28	0°01'57	
transit begin	-3143 Oct 04 j 09:50	17°♍16'42		
transit end	-3143 Oct 04 j 15:12	16°♍58'15		
asc. node	-3143 Oct 04 j 14:47	16°♍59'42		
morning rise	-3143 Oct 09 j 21:11	10°♍54'13		
direct	-3143 Oct 14 j 01:27	9°♍17'20		
morning max el	-3143 Oct 22 j 20:02	14°♍28'15	21°29'09	
greatest brilliancy	-3143 Oct 27 j 23:58	20°♍25'11	-0.4m	
	-3143 Nov 04 j 02:41	0°♎		
desc. node	-3143 Nov 15 j 11:49	16°♎45'22		
morning set	-3143 Nov 23 j 00:12	28°♎24'15		
	-3143 Nov 24 j 00:23	0°♏		
max. Earth dist.	-3143 Nov 30 j 07:08	10°♏09'23	1.42046 AU	
superior conj	-3143 Dec 07 j 17:04	22°♏39'41	-1°-51'-27	
minimum elong	-3143 Dec 07 j 13:47	22°♏25'34	1°51'24	
	-3143 Dec 11 j 21:36	0°♐		
evening rise	-3143 Dec 18 j 19:18	12°♐27'13		
	-3143 Dec 28 j 19:09	0°♑		
asc. node	-3143 Dec 31 j 13:54	4°♑09'39		
evening max el	-3142 Jan 04 j 07:53	8°♑39'44	18°09'14	
retrograde	-3142 Jan 11 j 02:49	12°♑07'45		
evening set	-3142 Jan 13 j 17:36	11°♑37'17		
inferior conj	-3142 Jan 20 j 12:32	6°♑40'19	4°00'26	
minimum elong	-3142 Jan 20 j 12:36	6°♑40'11	4°00'20	
min. Earth dist.	-3142 Jan 23 j 16:05	3°♑44'08	0.61000 AU	
morning rise	-3142 Jan 27 j 04:59	0°♑56'43		
	-3142 Jan 28 j 19:38	30°℞♐		
direct	-3142 Feb 03 j 02:30	28°♐38'46		
	-3142 Feb 08 j 15:47	0°♑		
desc. node	-3142 Feb 11 j 11:06	1°♑35'33		
morning max el	-3142 Feb 17 j 05:14	6°♑21'48	27°33'22	
	-3142 Mar 07 j 01:05	0°♒		
morning set	-3142 Mar 21 j 08:35	26°♒24'35		
	-3142 Mar 23 j 02:01	0°♓		
max. Earth dist.	-3142 Mar 27 j 15:00	9°♓44'10	1.32602 AU	
superior conj	-3142 Mar 28 j 14:58	11°♓54'48	0°-9'-46	
minimum elong	-3142 Mar 28 j 15:24	11°♓57'13	0°09'43	
behind sun begin	-3142 Mar 28 j 11:23	11°♓35'17		
behind sun end	-3142 Mar 28 j 19:25	12°♓19'08		
asc. node	-3142 Mar 29 j 13:20	13°♓57'00		
evening rise	-3142 Apr 04 j 14:54	27°♓02'39		
	-3142 Apr 06 j 00:54	0°♈		
	-3142 Apr 23 j 10:04	0°♉		
evening max el	-3142 May 01 j 04:52	9°♉00'56	25°10'58	
desc. node	-3142 May 10 j 10:02	15°♉15'36		
retrograde	-3142 May 15 j 06:00	16°♉09'54		
evening set	-3142 May 20 j 12:52	15°♉05'13		
min. Earth dist.	-3142 May 25 j 17:04	12°♉15'37	0.57699 AU	
inferior conj	-3142 May 28 j 19:33	10°♉08'25	-4°-4'-44	
minimum elong	-3142 May 28 j 15:32	10°♉15'21	4°04'08	
morning rise	-3142 Jun 05 j 22:12	5°♉53'55		
direct	-3142 Jun 08 j 09:58	5°♉35'19		
morning max el	-3142 Jun 17 j 02:16	9°♉39'05	19°01'04	
asc. node	-3142 Jun 25 j 12:48	20°♉53'15		
	-3142 Jun 30 j 14:03	0°♊		
morning set	-3142 Jul 03 j 18:49	6°♊12'43		
superior conj	-3142 Jul 12 j 06:58	22°♊53'49	1°48'36	
minimum elong	-3142 Jul 12 j 06:33	22°♊51'48	1°48'42	
	-3142 Jul 16 j 01:11	0°♋		
max. Earth dist.	-3142 Jul 18 j 22:12	5°♋15'53	1.38608 AU	
evening rise	-3142 Jul 22 j 20:49	12°♋14'15		
	-3142 Aug 02 j 16:40	0°♌		
desc. node	-3142 Aug 06 j 09:14	5°♌37'32		
	-3142 Aug 24 j 17:09	0°♍		
evening max el	-3142 Aug 27 j 11:23	2°♍53'54	24°34'42	
retrograde	-3142 Sep 07 j 20:15	9°♍32'40		
evening set	-3142 Sep 13 j 08:28	7°♍13'07		
min. Earth dist.	-3142 Sep 18 j 00:40	1°♍50'57	0.67225 AU	
inferior conj	-3142 Sep 18 j 18:11	0°♍52'22	0°-55'-55	
minimum elong	-3142 Sep 18 j 19:31	0°♍47'55	0°55'20	
	-3142 Sep 19 j 09:55	30°℞♌		
asc. node	-3142 Sep 21 j 11:53	27°♌23'31		
morning rise	-3142 Sep 24 j 06:52	24°♌45'21		
direct	-3142 Sep 27 j 22:46	23°♌28'12		
morning max el	-3142 Oct 05 j 18:07	28°♌00'16	20°15'50	
	-3142 Oct 07 j 14:14	0°♍		
greatest brilliancy	-3142 Oct 12 j 14:01	6°♍18'49	-0.6m	
	-3142 Oct 28 j 15:50	0°♎		
morning set	-3142 Nov 01 j 22:35	6°♎35'36		
desc. node	-3142 Nov 02 j 08:50	7°♎15'17		
max. Earth dist.	-3142 Nov 12 j 16:34	23°♎30'52	1.43624 AU	
	-3142 Nov 16 j 16:49	0°♏		
superior conj	-3142 Nov 18 j 08:00	2°♏40'24	-1°-30'-49	
minimum elong	-3142 Nov 18 j 01:12	2°♏12'30	1°30'18	
evening rise	-3142 Dec 01 j 04:46	24°♏27'12		
	-3142 Dec 04 j 09:31	0°♐		
asc. node	-3142 Dec 18 j 10:57	21°♐29'20		
evening max el	-3142 Dec 18 j 20:13	21°♐53'15	18°11'33	
retrograde	-3142 Dec 25 j 09:05	25°♐22'24		
evening set	-3142 Dec 28 j 03:16	24°♐43'42		
inferior conj	-3141 Jan 03 j 11:20	19°♐25'32	3°52'20	
minimum elong	-3141 Jan 03 j 09:25	19°♐30'37	3°52'02	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-3141 Jan 06 j 01:51	16°♐40'08	0.62906 AU
morning rise	-3141 Jan 09 j 13:46	13°♐29'24	
direct	-3141 Jan 16 j 15:00	10°♐47'44	
desc. node	-3141 Jan 29 j 08:11	17°♐28'22	
morning max el	-3141 Jan 30 j 11:12	18°♐33'13	27°42'36
	-3141 Feb 09 j 04:21	0°♑	
	-3141 Feb 27 j 20:19	0°♒	
morning set	-3141 Mar 05 j 10:04	10°♒48'14	
max. Earth dist.	-3141 Mar 10 j 23:16	22°♒19'50	1.33032 AU
superior conj	-3141 Mar 13 j 00:10	26°♒42'03	0°-35'-12
minimum elong	-3141 Mar 13 j 01:45	26°♒50'39	0°34'57
	-3141 Mar 14 j 12:48	0°♓	
asc. node	-3141 Mar 16 j 10:21	4°♓06'31	
evening rise	-3141 Mar 20 j 02:38	11°♓58'29	
	-3141 Mar 29 j 09:08	0°♈	
evening max el	-3141 Apr 12 j 20:30	19°♈45'17	23°39'46
retrograde	-3141 Apr 26 j 12:11	26°♈33'45	
desc. node	-3141 Apr 27 j 07:07	26°♈32'21	
evening set	-3141 Apr 30 j 10:27	25°♈59'47	
min. Earth dist.	-3141 May 07 j 07:32	22°♈47'34	0.56105 AU
inferior conj	-3141 May 09 j 11:09	21°♈29'54	-3°-5'-42
minimum elong	-3141 May 09 j 04:55	21°♈39'20	3°04'06
morning rise	-3141 May 18 j 02:58	17°♈30'52	
direct	-3141 May 20 j 15:54	17°♈14'35	
morning max el	-3141 May 30 j 20:27	21°♈58'04	20°02'57
	-3141 Jun 06 j 11:35	0°♉	
asc. node	-3141 Jun 12 j 09:51	9°♉56'34	
morning set	-3141 Jun 17 j 22:04	20°♉41'22	
	-3141 Jun 22 j 11:41	0°♊	
superior conj	-3141 Jun 25 j 19:16	6°♊42'35	1°42'34
minimum elong	-3141 Jun 25 j 17:22	6°♊33'03	1°42'33
max. Earth dist.	-3141 Jul 01 j 02:34	17°♊05'22	1.36750 AU
evening rise	-3141 Jul 05 j 02:27	24°♊32'10	
	-3141 Jul 08 j 03:44	0°♋	
desc. node	-3141 Jul 24 j 06:15	25°♋43'17	
	-3141 Jul 27 j 07:01	0°♌	
evening max el	-3141 Aug 09 j 22:13	16°♌26'03	25°47'10
retrograde	-3141 Aug 22 j 05:22	23°♌29'34	
evening set	-3141 Aug 28 j 08:35	20°♌53'44	
min. Earth dist.	-3141 Sep 01 j 16:10	16°♌08'54	0.66667 AU
inferior conj	-3141 Sep 02 j 21:05	14°♌36'44	-1°-49'-2
minimum elong	-3141 Sep 02 j 23:38	14°♌28'35	1°47'59
asc. node	-3141 Sep 08 j 09:00	8°♌49'33	
morning rise	-3141 Sep 08 j 15:22	8°♌39'16	
direct	-3141 Sep 11 j 21:00	7°♌38'49	
morning max el	-3141 Sep 18 j 23:26	11°♌40'56	19°16'01
	-3141 Oct 02 j 08:48	0°♍	
morning set	-3141 Oct 12 j 03:36	15°♍13'05	
desc. node	-3141 Oct 20 j 05:48	27°♍53'27	
	-3141 Oct 21 j 14:03	0°♎	
max. Earth dist.	-3141 Oct 26 j 07:52	7°♎28'09	1.44600 AU
superior conj	-3141 Oct 28 j 20:39	11°♎28'50	0°-53'-15
minimum elong	-3141 Oct 28 j 14:21	11°♎03'50	0°52'31
	-3141 Nov 09 j 08:31	0°♏	
evening rise	-3141 Nov 12 j 16:52	5°♏30'04	
	-3141 Nov 28 j 01:49	0°♐	
evening max el	-3141 Dec 02 j 08:30	5°♐14'44	18°32'32
asc. node	-3141 Dec 05 j 08:01	7°♐44'33	
retrograde	-3141 Dec 08 j 23:40	8°♐55'46	
evening set	-3141 Dec 11 j 22:24	8°♐07'29	
inferior conj	-3141 Dec 17 j 22:04	2°♐30'36	3°28'01
minimum elong	-3141 Dec 17 j 19:09	2°♐39'08	3°27'20
min. Earth dist.	-3141 Dec 19 j 21:40	0°♐11'04	0.64511 AU
	-3141 Dec 20 j 01:33	30°℞♏	

morning rise	-3141 Dec 23 j 14:40	26°♏25'18	
direct	-3141 Dec 30 j 10:37	23°♏34'48	
	-3140 Jan 11 j 12:28	0°♐	
morning max el	-3140 Jan 12 j 20:27	1°♐17'00	27°16'57
desc. node	-3140 Jan 16 j 05:15	4°♐51'53	
	-3140 Feb 03 j 06:32	0°♑	
morning set	-3140 Feb 17 j 03:03	24°♑42'20	
	-3140 Feb 19 j 19:08	0°♒	
max. Earth dist.	-3140 Feb 21 j 23:15	4°♒25'24	1.33864 AU
superior conj	-3140 Feb 25 j 05:22	11°♒13'02	0°-59'-52
minimum elong	-3140 Feb 25 j 07:58	11°♒26'45	0°59'31
asc. node	-3140 Mar 02 j 07:21	24°♒08'24	
evening rise	-3140 Mar 03 j 13:32	26°♒46'52	
	-3140 Mar 05 j 02:50	0°♓	
	-3140 Mar 24 j 02:35	0°♈	
evening max el	-3140 Mar 24 j 14:49	0°♈29'50	22°06'01
retrograde	-3140 Apr 06 j 06:55	6°♈39'53	
evening set	-3140 Apr 09 j 02:29	6°♈22'18	
desc. node	-3140 Apr 13 j 04:13	5°♈01'25	
inferior conj	-3140 Apr 18 j 10:54	2°♈15'27	-1°-27'-16
minimum elong	-3140 Apr 18 j 06:57	2°♈21'01	1°25'58
min. Earth dist.	-3140 Apr 17 j 21:21	2°♈34'33	0.55222 AU
	-3140 Apr 22 j 16:32	30°℞♓	
morning rise	-3140 Apr 27 j 12:56	28°♓18'09	
direct	-3140 Apr 30 j 06:46	28°♓01'15	
	-3140 May 07 j 08:21	0°♈	
morning max el	-3140 May 12 j 03:53	3°♈36'21	21°23'52
asc. node	-3140 May 29 j 06:53	29°♈26'23	
	-3140 May 29 j 13:39	0°♉	
morning set	-3140 Jun 01 j 06:13	5°♉27'42	
superior conj	-3140 Jun 08 j 17:23	21°♉03'04	1°30'10
minimum elong	-3140 Jun 08 j 14:49	20°♉49'44	1°29'58
max. Earth dist.	-3140 Jun 12 j 14:18	28°♉57'26	1.35179 AU
	-3140 Jun 13 j 02:48	0°♊	
evening rise	-3140 Jun 17 j 02:32	7°♊46'50	
	-3140 Jun 29 j 18:43	0°♋	
desc. node	-3140 Jul 10 j 03:16	15°♋23'50	
	-3140 Jul 22 j 11:08	0°♌	
evening max el	-3140 Jul 22 j 09:26	29°♋55'54	26°44'15
retrograde	-3140 Aug 04 j 09:38	7°♌13'53	
evening set	-3140 Aug 11 j 02:00	4°♌28'17	
min. Earth dist.	-3140 Aug 15 j 01:40	0°♌21'54	0.65753 AU
	-3140 Aug 15 j 09:07	30°℞♋	
inferior conj	-3140 Aug 16 j 19:12	28°♋18'14	-2°-39'-22
minimum elong	-3140 Aug 16 j 22:45	28°♋07'41	2°38'06
morning rise	-3140 Aug 22 j 20:37	22°♋33'26	
asc. node	-3140 Aug 25 j 06:06	21°♋47'42	
direct	-3140 Aug 25 j 18:20	21°♋46'15	
morning max el	-3140 Sep 01 j 10:27	25°♋27'23	18°31'51
	-3140 Sep 05 j 06:08	0°♌	
morning set	-3140 Sep 21 j 08:52	25°♌03'29	
	-3140 Sep 24 j 10:20	0°♍	
desc. node	-3140 Oct 06 j 02:45	18°♍36'36	
superior conj	-3140 Oct 06 j 20:15	19°♍45'37	0°-4'-40
minimum elong	-3140 Oct 06 j 19:39	19°♍43'12	0°04'35
behind sun begin	-3140 Oct 06 j 08:41	18°♍59'58	
behind sun end	-3140 Oct 07 j 06:36	20°♍26'25	
max. Earth dist.	-3140 Oct 08 j 01:38	21°♍41'22	1.44868 AU
	-3140 Oct 13 j 08:25	0°♎	
evening rise	-3140 Oct 23 j 04:26	15°♎30'06	
	-3140 Nov 01 j 08:59	0°♏	
evening max el	-3140 Nov 14 j 18:19	18°♏40'00	19°10'54
asc. node	-3140 Nov 21 j 05:05	22°♏39'54	
retrograde	-3140 Nov 21 j 18:55	22°♏41'47	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3140 Nov 24 j 23:59	21°♏41'53	
inferior conj	-3140 Nov 30 j 17:22	15°♏49'22	2°52'31
minimum elong	-3140 Nov 30 j 14:18	15°♏59'04	2°51'34
min. Earth dist.	-3140 Dec 02 j 02:46	14°♏03'41	0.65764 AU
morning rise	-3140 Dec 06 j 03:43	9°♏37'37	
direct	-3140 Dec 12 j 12:37	6°♏51'43	
morning max el	-3140 Dec 25 j 06:05	14°♏19'45	26°22'16
desc. node	-3139 Jan 02 j 02:16	23°♏19'10	
	-3139 Jan 07 j 02:32	0°♐	
	-3139 Jan 25 j 23:56	0°♑	
morning set	-3139 Jan 30 j 07:37	7°♑53'57	
max. Earth dist.	-3139 Feb 03 j 11:40	15°♑54'20	1.35142 AU
superior conj	-3139 Feb 08 j 04:13	25°♑19'39	-1°-22'-27
minimum elong	-3139 Feb 08 j 07:26	25°♑36'10	1°22'07
	-3139 Feb 10 j 10:35	0°♒	
evening rise	-3139 Feb 15 j 21:41	11°♒20'36	
asc. node	-3139 Feb 17 j 04:21	13°♒57'26	
	-3139 Feb 25 j 19:11	0°♓	
evening max el	-3139 Mar 06 j 17:37	11°♓38'56	20°41'39
retrograde	-3139 Mar 17 j 20:29	16°♓57'14	
evening set	-3139 Mar 20 j 03:55	16°♓44'25	
inferior conj	-3139 Mar 29 j 06:13	12°♓46'54	0°29'59
minimum elong	-3139 Mar 29 j 07:34	12°♓44'56	0°29'29
min. Earth dist.	-3139 Mar 30 j 11:33	12°♓04'34	0.55262 AU
desc. node	-3139 Mar 31 j 01:18	11°♓44'55	
morning rise	-3139 Apr 07 j 09:35	8°♓32'41	
direct	-3139 Apr 10 j 18:51	8°♓07'45	
morning max el	-3139 Apr 24 j 01:18	14°♓35'04	22°58'54
	-3139 May 05 j 22:06	0°♈	
asc. node	-3139 May 16 j 03:53	19°♈14'48	
morning set	-3139 May 16 j 17:15	20°♈24'23	
	-3139 May 21 j 05:40	0°♉	
superior conj	-3139 May 23 j 22:06	5°♉44'22	1°13'03
minimum elong	-3139 May 23 j 19:31	5°♉30'37	1°12'43
max. Earth dist.	-3139 May 26 j 11:51	11°♉10'27	1.33976 AU
evening rise	-3139 May 31 j 16:03	21°♉42'54	
	-3139 Jun 04 j 23:42	0°♊	
	-3139 Jun 23 j 14:26	0°♋	
desc. node	-3139 Jun 27 j 00:19	4°♋27'55	
evening max el	-3139 Jul 04 j 20:44	13°♋14'14	27°18'29
retrograde	-3139 Jul 18 j 08:32	20°♋37'16	
evening set	-3139 Jul 25 j 09:55	17°♋52'08	
min. Earth dist.	-3139 Jul 29 j 03:06	14°♋22'30	0.64457 AU
inferior conj	-3139 Jul 31 j 10:14	11°♋52'22	-3°-24'-23
minimum elong	-3139 Jul 31 j 14:13	11°♋41'29	3°23'16
morning rise	-3139 Aug 06 j 20:10	6°♋23'19	
direct	-3139 Aug 09 j 12:23	5°♋46'04	
asc. node	-3139 Aug 12 j 03:10	6°♋21'37	
morning max el	-3139 Aug 16 j 00:46	9°♋14'44	18°04'44
	-3139 Aug 30 j 01:23	0°♌	
morning set	-3139 Sep 02 j 17:45	6°♌13'57	
superior conj	-3139 Sep 16 j 05:26	28°♌34'47	0°42'31
minimum elong	-3139 Sep 16 j 10:05	28°♌53'29	0°41'59
	-3139 Sep 17 j 02:36	0°♍	
max. Earth dist.	-3139 Sep 20 j 19:07	5°♍53'40	1.44410 AU
desc. node	-3139 Sep 22 j 23:44	9°♍21'57	
evening rise	-3139 Oct 02 j 18:01	24°♍35'44	
	-3139 Oct 06 j 06:09	0°♎	
greatest brilliancy	-3139 Oct 21 j 22:30	23°♎22'27	-0.6m
	-3139 Oct 27 j 01:39	0°♏	
evening max el	-3139 Oct 28 j 23:42	2°♏06'58	20°04'53
retrograde	-3139 Nov 05 j 16:03	6°♏37'03	
asc. node	-3139 Nov 08 j 02:10	6°♏03'06	
evening set	-3139 Nov 09 j 05:39	5°♏23'00	
	-3139 Nov 14 j 05:57	30°℞♎	
inferior conj	-3139 Nov 14 j 18:33	29°♎18'05	2°09'16
minimum elong	-3139 Nov 14 j 15:56	29°♎26'51	2°08'17
min. Earth dist.	-3139 Nov 15 j 15:12	28°♎09'19	0.66663 AU
morning rise	-3139 Nov 20 j 01:35	23°♎02'30	
direct	-3139 Nov 25 j 20:16	20°♎31'08	
morning max el	-3139 Dec 07 j 14:46	27°♎30'58	25°07'23
	-3139 Dec 09 j 23:10	0°♏	
desc. node	-3139 Dec 19 j 23:17	12°♏31'42	
	-3139 Dec 31 j 19:07	0°♐	
morning set	-3138 Jan 12 j 18:40	20°♐08'18	
max. Earth dist.	-3138 Jan 16 j 12:46	26°♐59'16	1.36858 AU
	-3138 Jan 18 j 03:19	0°♑	
superior conj	-3138 Jan 22 j 17:50	8°♑53'43	-1°-41'-8
minimum elong	-3138 Jan 22 j 20:57	9°♑09'05	1°40'57
evening rise	-3138 Jan 31 j 01:03	25°♑33'37	
	-3138 Feb 02 j 06:32	0°♒	
asc. node	-3138 Feb 04 j 01:22	3°♒28'16	
evening max el	-3138 Feb 17 j 07:08	23°♒23'46	19°33'41
retrograde	-3138 Feb 26 j 17:16	27°♒52'39	
evening set	-3138 Mar 01 j 00:10	27°♒38'01	
inferior conj	-3138 Mar 09 j 11:10	23°♒33'04	2°13'24
minimum elong	-3138 Mar 09 j 15:52	23°♒25'30	2°11'59
min. Earth dist.	-3138 Mar 12 j 02:08	21°♒52'27	0.56213 AU
desc. node	-3138 Mar 17 j 22:22	18°♒54'48	
morning rise	-3138 Mar 18 j 03:59	18°♒50'02	
direct	-3138 Mar 22 j 15:56	18°♒04'23	
morning max el	-3138 Apr 05 j 16:39	25°♒10'06	24°38'12
	-3138 Apr 10 j 04:09	0°♓	
	-3138 Apr 28 j 14:13	0°♈	
morning set	-3138 May 01 j 05:24	5°♈25'49	
asc. node	-3138 May 03 j 00:53	9°♈16'19	
superior conj	-3138 May 08 j 07:01	20°♈38'35	0°52'29
minimum elong	-3138 May 08 j 04:55	20°♈27'12	0°52'08
max. Earth dist.	-3138 May 09 j 18:10	23°♈48'28	1.33145 AU
	-3138 May 12 j 15:54	0°♉	
evening rise	-3138 May 15 j 15:02	6°♉08'09	
	-3138 May 28 j 13:51	0°♊	
desc. node	-3138 Jun 13 j 21:22	22°♊39'57	
evening max el	-3138 Jun 17 j 06:08	26°♊08'15	27°23'27
	-3138 Jun 21 j 20:50	0°♋	
retrograde	-3138 Jul 01 j 01:07	3°♋30'24	
evening set	-3138 Jul 08 j 04:46	0°♋58'56	
	-3138 Jul 09 j 12:01	30°℞♊	
min. Earth dist.	-3138 Jul 11 j 18:50	27°♊59'24	0.62800 AU
inferior conj	-3138 Jul 14 j 15:20	25°♊12'29	-4°00'-28
minimum elong	-3138 Jul 14 j 18:49	25°♊03'57	3°59'49
morning rise	-3138 Jul 21 j 11:08	20°♊02'23	
direct	-3138 Jul 24 j 00:10	19°♊32'21	
asc. node	-3138 Jul 30 j 00:14	22°♊20'13	
morning max el	-3138 Jul 30 j 15:42	22°♊56'45	17°55'35
	-3138 Aug 05 j 04:32	0°♋	
morning set	-3138 Aug 16 j 01:46	18°♋30'32	
	-3138 Aug 22 j 14:27	0°♌	
superior conj	-3138 Aug 27 j 15:35	8°♌38'12	1°18'16
minimum elong	-3138 Aug 27 j 21:03	9°♌01'15	1°17'48
max. Earth dist.	-3138 Sep 03 j 09:33	19°♌47'25	1.43291 AU
desc. node	-3138 Sep 09 j 20:44	0°♍05'53	
	-3138 Sep 09 j 19:14	0°♍	
evening rise	-3138 Sep 11 j 22:40	3°♍20'48	
	-3138 Sep 29 j 18:26	0°♎	
greatest brilliancy	-3138 Oct 06 j 15:42	9°♎21'48	-0.5m
evening max el	-3138 Oct 11 j 23:15	15°♎33'31	21°11'59
retrograde	-3138 Oct 20 j 12:57	20°♎38'17	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3138 Oct 24 j 13:21	19°♎07'27	
asc. node	-3138 Oct 25 j 23:15	17°♎52'12	
inferior conj	-3138 Oct 29 j 23:22	12°♎53'27	1°20'43
minimum elong	-3138 Oct 29 j 21:36	12°♎59'33	1°19'59
min. Earth dist.	-3138 Oct 30 j 08:37	12°♎21'46	0.67223 AU
morning rise	-3138 Nov 04 j 05:30	6°♎36'39	
direct	-3138 Nov 09 j 08:45	4°♎25'34	
morning max el	-3138 Nov 19 j 23:33	10°♎45'31	23°42'12
	-3138 Dec 05 j 06:21	0°♏	
desc. node	-3138 Dec 06 j 20:18	2°♏16'01	
	-3138 Dec 24 j 13:48	0°♐	
morning set	-3138 Dec 25 j 06:02	1°♐08'39	
max. Earth dist.	-3138 Dec 29 j 08:28	8°♐14'19	1.38881 AU
superior conj	-3137 Jan 05 j 18:18	21°♐44'16	-1°-53'-24
minimum elong	-3137 Jan 05 j 20:08	21°♐52'53	1°53'26
	-3137 Jan 10 j 02:11	0°♑	
evening rise	-3137 Jan 14 j 21:08	9°♑19'10	
asc. node	-3137 Jan 21 j 22:25	22°♑34'11	
	-3137 Jan 26 j 13:07	0°♒	
evening max el	-3137 Jan 31 j 06:22	5°♒42'30	18°45'03
retrograde	-3137 Feb 08 j 07:17	9°♒35'49	
evening set	-3137 Feb 10 j 17:10	9°♒16'09	
inferior conj	-3137 Feb 18 j 10:52	4°♒53'08	3°22'17
minimum elong	-3137 Feb 18 j 14:59	4°♒45'26	3°21'26
min. Earth dist.	-3137 Feb 21 j 18:23	2°♒26'09	0.57845 AU
	-3137 Feb 25 j 17:12	30°℞♑	
morning rise	-3137 Feb 26 j 09:03	29°♑41'02	
direct	-3137 Mar 04 j 01:39	28°♑21'42	
desc. node	-3137 Mar 04 j 19:27	28°♑23'03	
	-3137 Mar 10 j 12:10	0°♒	
morning max el	-3137 Mar 18 j 08:17	5°♒49'23	26°07'25
	-3137 Apr 05 j 01:39	0°♓	
morning set	-3137 Apr 15 j 17:03	20°♓26'07	
asc. node	-3137 Apr 19 j 21:55	29°♓26'05	
	-3137 Apr 20 j 04:09	0°♈	
superior conj	-3137 Apr 22 j 18:13	5°♈39'13	0°29'28
minimum elong	-3137 Apr 22 j 16:57	5°♈32'16	0°29'12
max. Earth dist.	-3137 Apr 23 j 05:58	6°♈43'25	1.32660 AU
evening rise	-3137 Apr 29 j 20:27	20°♈52'27	
	-3137 May 04 j 09:33	0°♉	
	-3137 May 22 j 23:10	0°♊	
evening max el	-3137 May 30 j 10:59	8°♊25'55	26°55'43
desc. node	-3137 May 31 j 18:25	9°♊38'20	
retrograde	-3137 Jun 13 j 10:31	15°♊45'30	
evening set	-3137 Jun 20 j 06:27	13°♊41'13	
min. Earth dist.	-3137 Jun 24 j 00:31	10°♊59'11	0.60860 AU
inferior conj	-3137 Jun 27 j 07:11	8°♊11'01	-4°-21'-57
minimum elong	-3137 Jun 27 j 08:46	8°♊07'38	4°21'47
morning rise	-3137 Jul 04 j 14:06	3°♊22'35	
direct	-3137 Jul 07 j 01:51	2°♊57'52	
morning max el	-3137 Jul 14 j 04:35	6°♊27'37	18°05'19
asc. node	-3137 Jul 16 j 21:19	9°♊28'41	
	-3137 Jul 29 j 06:04	0°♋	
morning set	-3137 Jul 30 j 03:17	1°♋38'25	
superior conj	-3137 Aug 09 j 05:04	20°♋03'30	1°39'42
minimum elong	-3137 Aug 09 j 08:28	20°♋18'34	1°39'35
	-3137 Aug 14 j 22:28	0°♌	
max. Earth dist.	-3137 Aug 16 j 18:46	3°♌06'50	1.41659 AU
evening rise	-3137 Aug 22 j 13:58	12°♌37'13	
desc. node	-3137 Aug 27 j 17:45	20°♌45'16	
	-3137 Sep 02 j 19:43	0°♍	
greatest brilliancy	-3137 Sep 19 j 22:47	23°♍39'39	-0.3m
evening max el	-3137 Sep 24 j 16:49	28°♍59'55	22°28'27
	-3137 Sep 25 j 17:18	0°♎	
retrograde	-3137 Oct 04 j 08:02	4°♎43'17	
evening set	-3137 Oct 08 j 21:15	2°♎53'40	
	-3137 Oct 11 j 16:06	30°℞♍	
asc. node	-3137 Oct 12 j 20:22	28°♍28'49	
inferior conj	-3137 Oct 14 j 05:57	26°♍34'02	0°28'47
minimum elong	-3137 Oct 14 j 05:17	26°♍36'20	0°28'30
min. Earth dist.	-3137 Oct 14 j 04:41	26°♍38'25	0.67466 AU
morning rise	-3137 Oct 19 j 13:12	20°♍18'42	
direct	-3137 Oct 24 j 01:25	18°♍29'43	
morning max el	-3137 Nov 02 j 11:31	24°♍05'15	22°16'03
greatest brilliancy	-3137 Nov 07 j 04:32	29°♍24'13	-0.3m
	-3137 Nov 07 j 16:09	0°♎	
desc. node	-3137 Nov 23 j 17:20	22°♎23'14	
	-3137 Nov 28 j 17:25	0°♏	
morning set	-3137 Dec 05 j 12:56	10°♏45'42	
max. Earth dist.	-3137 Dec 11 j 06:40	20°♏13'12	1.40951 AU
	-3137 Dec 16 j 23:12	0°♐	
superior conj	-3137 Dec 19 j 00:40	3°♐38'52	-1°-55'-56
minimum elong	-3137 Dec 18 j 23:39	3°♐34'19	1°56'01
evening rise	-3137 Dec 29 j 06:55	22°♐30'32	
	-3136 Jan 02 j 07:46	0°♑	
asc. node	-3136 Jan 08 j 19:28	11°♑07'25	
evening max el	-3136 Jan 14 j 12:56	18°♑28'47	18°16'32
retrograde	-3136 Jan 21 j 15:50	22°♑02'16	
evening set	-3136 Jan 24 j 04:46	21°♑36'06	
inferior conj	-3136 Jan 31 j 07:10	16°♑51'32	3°55'03
minimum elong	-3136 Jan 31 j 08:44	16°♑48'08	3°54'50
min. Earth dist.	-3136 Feb 03 j 15:19	13°♑58'57	0.59826 AU
morning rise	-3136 Feb 07 j 09:34	11°♑17'00	
direct	-3136 Feb 13 j 23:32	9°♑19'00	
desc. node	-3136 Feb 19 j 16:33	10°♑41'30	
morning max el	-3136 Feb 28 j 05:11	16°♑58'39	27°11'46
	-3136 Mar 09 j 23:52	0°♒	
	-3136 Mar 27 j 12:00	0°♓	
morning set	-3136 Mar 30 j 02:23	5°♓18'09	
asc. node	-3136 Apr 05 j 18:55	19°♓39'00	
superior conj	-3136 Apr 06 j 05:57	20°♓39'20	0°04'50
minimum elong	-3136 Apr 06 j 05:44	20°♓38'09	0°04'46
behind sun begin	-3136 Apr 06 j 00:56	20°♓11'53	
behind sun end	-3136 Apr 06 j 10:31	21°♓04'26	
max. Earth dist.	-3136 Apr 05 j 19:22	19°♓41'29	1.32517 AU
	-3136 Apr 10 j 12:46	0°♈	
evening rise	-3136 Apr 13 j 05:49	5°♈46'39	
	-3136 Apr 26 j 03:06	0°♉	
evening max el	-3136 May 11 j 09:19	19°♉59'35	25°56'32
desc. node	-3136 May 17 j 15:29	24°♉52'07	
retrograde	-3136 May 25 j 11:17	27°♉15'02	
evening set	-3136 May 31 j 11:02	25°♉47'53	
min. Earth dist.	-3136 Jun 04 j 21:48	23°♉05'58	0.58809 AU
inferior conj	-3136 Jun 08 j 06:02	20°♉37'18	-4°-20'-22
minimum elong	-3136 Jun 08 j 04:12	20°♉40'43	4°20'11
morning rise	-3136 Jun 16 j 01:15	16°♉11'26	
direct	-3136 Jun 18 j 12:47	15°♉50'57	
morning max el	-3136 Jun 26 j 12:25	19°♉38'05	18°34'53
asc. node	-3136 Jul 02 j 18:23	27°♉31'14	
	-3136 Jul 04 j 07:37	0°♊	
morning set	-3136 Jul 12 j 17:30	15°♊24'29	
	-3136 Jul 20 j 07:41	0°♋	
superior conj	-3136 Jul 21 j 17:06	2°♋36'52	1°48'22
minimum elong	-3136 Jul 21 j 17:55	2°♋40'41	1°48'26
max. Earth dist.	-3136 Jul 28 j 22:20	15°♋40'55	1.39738 AU
evening rise	-3136 Aug 02 j 04:55	23°♋01'02	
	-3136 Aug 06 j 10:29	0°♌	
desc. node	-3136 Aug 13 j 14:45	11°♌15'40	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3136 Aug 26 j 17:46	0°♍	
evening max el	-3136 Sep 06 j 05:45	12°♍27'24	23°49'04
retrograde	-3136 Sep 17 j 00:04	18°♍48'24	
evening set	-3136 Sep 22 j 03:36	16°♍39'24	
min. Earth dist.	-3136 Sep 27 j 00:58	10°♍56'59	0.67400 AU
inferior conj	-3136 Sep 27 j 12:28	10°♍17'47	0°-24'-52
minimum elong	-3136 Sep 27 j 13:03	10°♍15'46	0°24'36
asc. node	-3136 Sep 28 j 17:28	8°♍40'02	
morning rise	-3136 Oct 02 j 22:41	4°♍06'47	
direct	-3136 Oct 06 j 21:20	2°♍38'51	
morning max el	-3136 Oct 15 j 05:30	7°♍32'34	20°56'27
greatest brilliancy	-3136 Oct 20 j 23:23	14°♍17'38	-0.5m
	-3136 Nov 01 j 03:08	0°♎	
desc. node	-3136 Nov 09 j 14:22	12°♎46'26	
morning set	-3136 Nov 13 j 18:34	19°♎14'08	
	-3136 Nov 20 j 13:37	0°♏	
max. Earth dist.	-3136 Nov 22 j 11:22	3°♏05'00	1.42776 AU
superior conj	-3136 Nov 29 j 07:15	14°♏23'56	-1°-44'-47
minimum elong	-3136 Nov 29 j 02:16	14°♏02'55	1°44'34
	-3136 Dec 08 j 07:13	0°♐	
evening rise	-3136 Dec 11 j 02:33	4°♐59'32	
asc. node	-3136 Dec 25 j 16:32	28°♐57'56	
	-3136 Dec 26 j 12:59	0°♑	
evening max el	-3136 Dec 28 j 00:00	1°♑35'00	18°07'53
retrograde	-3135 Jan 03 j 15:27	5°♑02'23	
evening set	-3135 Jan 06 j 07:27	4°♑28'43	
	-3135 Jan 12 j 06:18	30°℞♐	
inferior conj	-3135 Jan 12 j 21:26	29°♐22'38	3°59'23
minimum elong	-3135 Jan 12 j 20:33	29°♐24'51	3°59'14
min. Earth dist.	-3135 Jan 15 j 20:00	26°♐28'22	0.61833 AU
morning rise	-3135 Jan 19 j 07:21	23°♐32'52	
direct	-3135 Jan 26 j 07:37	21°♐02'52	
desc. node	-3135 Feb 05 j 13:38	25°♐27'07	
morning max el	-3135 Feb 09 j 08:18	28°♐48'32	27°41'50
	-3135 Feb 10 j 12:36	0°♑	
	-3135 Mar 03 j 18:44	0°♒	
morning set	-3135 Mar 14 j 07:25	19°♒54'55	
	-3135 Mar 19 j 02:51	0°♓	
max. Earth dist.	-3135 Mar 20 j 06:29	2°♓28'45	1.32730 AU
superior conj	-3135 Mar 21 j 16:34	5°♓33'27	0°-20'-34
minimum elong	-3135 Mar 21 j 17:30	5°♓38'32	0°20'26
asc. node	-3135 Mar 23 j 15:56	9°♓51'15	
evening rise	-3135 Mar 28 j 17:13	20°♓43'53	
	-3135 Apr 02 j 06:16	0°♈	
	-3135 Apr 22 j 03:20	0°♉	
evening max el	-3135 Apr 23 j 02:11	0°♉56'17	24°33'28
desc. node	-3135 May 04 j 12:32	7°♉44'36	
retrograde	-3135 May 07 j 01:11	7°♉59'22	
evening set	-3135 May 11 j 18:05	7°♉09'20	
min. Earth dist.	-3135 May 17 j 14:08	4°♉11'19	0.56947 AU
inferior conj	-3135 May 20 j 09:03	2°♉23'19	-3°-44'-54
minimum elong	-3135 May 20 j 03:42	2°♉32'02	3°43'52
	-3135 May 24 j 07:49	30°℞♈	
morning rise	-3135 May 28 j 17:24	28°♈16'39	
direct	-3135 May 31 j 05:15	27°♈59'24	
	-3135 Jun 06 j 13:46	0°♉	
morning max el	-3135 Jun 09 j 12:17	2°♉18'33	19°24'57
asc. node	-3135 Jun 19 j 15:26	16°♉15'16	
morning set	-3135 Jun 26 j 16:48	29°♉39'33	
	-3135 Jun 26 j 20:54	0°♊	
superior conj	-3135 Jul 04 j 21:57	16°♊02'03	1°46'57
minimum elong	-3135 Jul 04 j 20:47	15°♊56'24	1°47'00
max. Earth dist.	-3135 Jul 11 j 00:10	27°♊38'02	1.37790 AU
	-3135 Jul 12 j 07:08	0°♋	
evening rise	-3135 Jul 14 j 21:33	4°♋40'14	
	-3135 Jul 30 j 10:54	0°♌	
desc. node	-3135 Jul 31 j 11:44	1°♌32'10	
evening max el	-3135 Aug 19 j 16:43	25°♌58'24	25°06'53
	-3135 Aug 24 j 08:55	0°♍	
retrograde	-3135 Aug 31 j 11:59	2°♍49'40	
evening set	-3135 Sep 06 j 06:33	0°♍22'44	
	-3135 Sep 06 j 16:43	30°℞♌	
min. Earth dist.	-3135 Sep 10 j 19:00	25°♌15'56	0.67027 AU
inferior conj	-3135 Sep 11 j 17:13	24°♌02'55	-1°-18'-41
minimum elong	-3135 Sep 11 j 19:05	23°♌56'46	1°17'52
asc. node	-3135 Sep 15 j 14:35	19°♌24'56	
morning rise	-3135 Sep 17 j 08:04	17°♌59'21	
direct	-3135 Sep 20 j 19:14	16°♌49'47	
morning max el	-3135 Sep 28 j 06:44	21°♌08'25	19°48'27
	-3135 Oct 05 j 10:22	0°♍	
greatest brilliancy	-3135 Oct 06 j 05:38	1°♍07'31	-0.6m
morning set	-3135 Oct 23 j 16:43	27°♍27'57	
	-3135 Oct 25 j 07:53	0°♎	
desc. node	-3135 Oct 27 j 11:20	3°♎20'15	
max. Earth dist.	-3135 Nov 04 j 22:59	16°♎41'43	1.44119 AU
superior conj	-3135 Nov 09 j 10:22	23°♎51'56	-1°-16'-49
minimum elong	-3135 Nov 09 j 03:04	23°♎22'28	1°16'06
	-3135 Nov 13 j 04:53	0°♏	
evening rise	-3135 Nov 23 j 03:26	16°♏36'00	
	-3135 Dec 01 j 01:48	0°♐	
evening max el	-3135 Dec 11 j 12:39	14°♐52'52	18°18'20
asc. node	-3135 Dec 12 j 13:36	15°♐52'16	
retrograde	-3135 Dec 18 j 01:35	18°♐25'45	
evening set	-3135 Dec 20 j 21:30	17°♐43'15	
inferior conj	-3135 Dec 27 j 01:45	12°♐17'07	3°43'37
minimum elong	-3135 Dec 26 j 23:18	12°♐23'56	3°43'10
min. Earth dist.	-3135 Dec 29 j 10:06	9°♐41'02	0.63633 AU
morning rise	-3134 Jan 01 j 23:31	6°♐16'48	
direct	-3134 Jan 08 j 23:33	3°♐29'09	
morning max el	-3134 Jan 22 j 15:48	11°♐14'36	27°35'34
desc. node	-3134 Jan 23 j 10:42	12°♐02'13	
	-3134 Feb 06 j 13:35	0°♑	
	-3134 Feb 24 j 03:15	0°♒	
morning set	-3134 Feb 26 j 05:37	4°♒07'02	
max. Earth dist.	-3134 Mar 03 j 11:24	14°♒51'28	1.33331 AU
superior conj	-3134 Mar 06 j 00:17	20°♒14'34	0°-45'-50
minimum elong	-3134 Mar 06 j 02:20	20°♒25'32	0°45'32
asc. node	-3134 Mar 10 j 12:56	29°♒58'03	
	-3134 Mar 10 j 13:18	0°♓	
evening rise	-3134 Mar 13 j 04:45	5°♓37'00	
	-3134 Mar 26 j 09:58	0°♈	
evening max el	-3134 Apr 04 j 18:14	11°♈37'20	22°59'26
retrograde	-3134 Apr 18 j 01:59	18°♈11'17	
evening set	-3134 Apr 21 j 11:12	17°♈46'17	
desc. node	-3134 Apr 21 j 09:37	17°♈47'14	
min. Earth dist.	-3134 Apr 29 j 04:20	14°♈20'40	0.55624 AU
inferior conj	-3134 Apr 30 j 16:54	13°♈27'36	-2°-28'-4
minimum elong	-3134 Apr 30 j 11:02	13°♈36'08	2°26'20
morning rise	-3134 May 09 j 13:39	9°♈30'57	
direct	-3134 May 12 j 03:51	9°♈14'54	
morning max el	-3134 May 23 j 01:52	14°♈20'02	20°35'15
	-3134 Jun 03 j 12:33	0°♉	
asc. node	-3134 Jun 06 j 12:27	5°♉30'35	
morning set	-3134 Jun 10 j 22:23	14°♉16'12	
superior conj	-3134 Jun 18 j 14:48	0°♊05'13	1°37'58
minimum elong	-3134 Jun 18 j 12:31	29°♉53'38	1°37'53
	-3134 Jun 18 j 13:46	0°♊	
max. Earth dist.	-3134 Jun 23 j 07:03	9°♊25'12	1.36039 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-3134 Jun	27 j 11:40	17°♊24'16	
	-3134 Jul	04 j 13:38	0°♋	
desc. node	-3134 Jul	18 j 08:44	21°♋28'22	
	-3134 Jul	24 j 17:31	0°♌	
evening max el	-3134 Aug	02 j 03:53	9°♌31'37	26°13'56
retrograde	-3134 Aug	14 j 19:06	16°♌42'15	
evening set	-3134 Aug	21 j 04:07	14°♌01'37	
min. Earth dist.	-3134 Aug	25 j 08:21	9°♌32'51	0.66320 AU
inferior conj	-3134 Aug	26 j 18:21	7°♌47'13	-2°-10'-50
minimum elong	-3134 Aug	26 j 21:23	7°♌37'50	2°09'40
morning rise	-3134 Sep	01 j 15:27	1°♌54'28	
asc. node	-3134 Sep	02 j 11:40	1°♌28'47	
direct	-3134 Sep	04 j 17:29	0°♌59'56	
morning max el	-3134 Sep	11 j 14:40	4°♌52'08	18°55'12
	-3134 Sep	29 j 03:17	0°♍	
morning set	-3134 Oct	03 j 06:56	6°♍34'21	
desc. node	-3134 Oct	14 j 08:18	24°♍01'19	
	-3134 Oct	18 j 03:25	0°♎	
max. Earth dist.	-3134 Oct	18 j 15:56	0°♎49'17	1.44810 AU
superior conj	-3134 Oct	19 j 15:11	2°♎20'57	0°-33'-20
minimum elong	-3134 Oct	19 j 10:53	2°♎03'59	0°32'48
evening rise	-3134 Nov	04 j 05:20	27°♎12'55	
	-3134 Nov	05 j 22:38	0°♏	
evening max el	-3134 Nov	25 j 00:17	28°♏17'15	18°46'48
	-3134 Nov	26 j 20:50	0°♐	
asc. node	-3134 Nov	29 j 10:40	1°♐35'53	
retrograde	-3134 Dec	01 j 18:27	2°♐05'36	
evening set	-3134 Dec	04 j 19:44	1°♐12'32	
	-3134 Dec	06 j 12:09	30°℞♏	
inferior conj	-3134 Dec	10 j 16:30	25°♏28'43	3°14'04
minimum elong	-3134 Dec	10 j 13:26	25°♏38'01	3°13'14
min. Earth dist.	-3134 Dec	12 j 09:54	23°♏23'05	0.65101 AU
morning rise	-3134 Dec	16 j 06:05	19°♏20'38	
direct	-3134 Dec	22 j 22:02	16°♏30'38	
morning max el	-3133 Jan	05 j 01:18	24°♏07'28	26°56'37
desc. node	-3133 Jan	10 j 07:46	29°♏55'40	
	-3133 Jan	10 j 09:13	0°♐	
	-3133 Jan	30 j 22:12	0°♑	
morning set	-3133 Feb	09 j 17:47	17°♑44'15	
max. Earth dist.	-3133 Feb	14 j 06:37	26°♑40'51	1.34360 AU
	-3133 Feb	15 j 21:44	0°♒	
superior conj	-3133 Feb	18 j 03:05	4°♒36'07	-1°-9'-49
minimum elong	-3133 Feb	18 j 06:01	4°♒51'24	1°09'26
asc. node	-3133 Feb	25 j 09:56	19°♒55'08	
evening rise	-3133 Feb	25 j 14:42	20°♒19'54	
	-3133 Mar	02 j 10:06	0°♓	
evening max el	-3133 Mar	17 j 15:40	22°♓29'56	21°28'21
retrograde	-3133 Mar	29 j 16:39	28°♓18'04	
evening set	-3133 Apr	01 j 05:30	28°♓03'29	
desc. node	-3133 Apr	08 j 06:43	25°♓17'59	
inferior conj	-3133 Apr	10 j 12:55	24°♓03'00	0°-37'-49
minimum elong	-3133 Apr	10 j 11:08	24°♓05'30	0°37'13
min. Earth dist.	-3133 Apr	10 j 17:57	23°♓55'55	0.55127 AU
morning rise	-3133 Apr	19 j 16:56	20°♓00'53	
direct	-3133 Apr	22 j 16:09	19°♓41'35	
morning max el	-3133 May	05 j 04:31	25°♓39'22	22°03'08
	-3133 May	09 j 05:30	0°♈	
asc. node	-3133 May	24 j 09:27	25°♈08'59	
morning set	-3133 May	26 j 07:57	29°♈07'32	
	-3133 May	26 j 18:03	0°♉	
superior conj	-3133 Jun	02 j 15:59	14°♉35'07	1°23'23
minimum elong	-3133 Jun	02 j 13:21	14°♉21'13	1°23'07
max. Earth dist.	-3133 Jun	05 j 23:13	21°♉26'03	1.34619 AU
	-3133 Jun	10 j 06:04	0°♊	
evening rise	-3133 Jun	10 j 17:58	0°♊57'48	
	-3133 Jun	27 j 13:44	0°♋	
desc. node	-3133 Jul	05 j 05:45	10°♋54'53	
evening max el	-3133 Jul	15 j 15:25	22°♋58'20	27°02'09
	-3133 Jul	26 j 10:22	0°♌	
retrograde	-3133 Jul	28 j 20:51	0°♌18'35	
	-3133 Jul	31 j 05:01	30°℞♋	
evening set	-3133 Aug	04 j 17:49	27°♋31'52	
min. Earth dist.	-3133 Aug	08 j 14:34	23°♋41'40	0.65247 AU
inferior conj	-3133 Aug	10 j 13:45	21°♋26'10	-2°-59'-17
minimum elong	-3133 Aug	10 j 17:34	21°♋15'11	2°58'03
morning rise	-3133 Aug	16 j 18:36	15°♋47'39	
direct	-3133 Aug	19 j 13:48	15°♋04'55	
asc. node	-3133 Aug	20 j 08:44	15°♋08'18	
morning max el	-3133 Aug	26 j 03:21	18°♋39'24	18°18'16
	-3133 Sep	03 j 13:40	0°♌	
morning set	-3133 Sep	14 j 00:15	17°♌00'18	
	-3133 Sep	21 j 23:14	0°♍	
superior conj	-3133 Sep	28 j 16:05	10°♍43'42	0°16'17
minimum elong	-3133 Sep	28 j 18:08	10°♍51'50	0°16'02
behind sun begin	-3133 Sep	28 j 16:12	10°♍44'10	
behind sun end	-3133 Sep	28 j 20:04	10°♍59'31	
desc. node	-3133 Oct	01 j 05:16	14°♍45'52	
max. Earth dist.	-3133 Oct	01 j 10:34	15°♍06'46	1.44765 AU
	-3133 Oct	10 j 22:14	0°♎	
evening rise	-3133 Oct	15 j 06:45	6°♎48'14	
	-3133 Oct	30 j 08:38	0°♏	
greatest brilliancy	-3133 Oct	30 j 14:51	0°♏22'50	-0.7m
evening max el	-3133 Nov	08 j 08:27	11°♏43'47	19°32'00
retrograde	-3133 Nov	15 j 14:51	15°♏56'33	
asc. node	-3133 Nov	16 j 07:45	15°♏53'42	
evening set	-3133 Nov	18 j 23:23	14°♏50'44	
inferior conj	-3133 Nov	24 j 14:37	8°♏52'20	2°34'57
minimum elong	-3133 Nov	24 j 11:41	9°♏01'53	2°33'56
min. Earth dist.	-3133 Nov	25 j 18:18	7°♏22'34	0.66196 AU
morning rise	-3133 Nov	29 j 23:16	2°♏38'47	
	-3133 Dec	05 j 11:11	30°℞♎	
direct	-3133 Dec	06 j 02:18	29°♎58'26	
	-3133 Dec	06 j 17:39	0°♏	
morning max el	-3133 Dec	18 j 10:42	7°♏15'30	25°52'19
desc. node	-3133 Dec	28 j 04:49	18°♏44'19	
	-3132 Jan	05 j 05:17	0°♐	
	-3132 Jan	23 j 08:16	0°♑	
morning set	-3132 Jan	23 j 15:39	0°♑33'52	
max. Earth dist.	-3132 Jan	27 j 14:19	7°♑58'58	1.35830 AU
superior conj	-3132 Feb	01 j 22:26	18°♑30'28	-1°-31'00
minimum elong	-3132 Feb	02 j 01:44	18°♑47'06	1°30'42
	-3132 Feb	07 j 13:16	0°♒	
evening rise	-3132 Feb	09 j 21:09	4°♒46'25	
asc. node	-3132 Feb	12 j 06:58	9°♒37'44	
	-3132 Feb	24 j 10:21	0°♓	
evening max el	-3132 Feb	27 j 22:55	3°♓53'55	20°10'23
retrograde	-3132 Mar	09 j 08:08	8°♓50'29	
evening set	-3132 Mar	11 j 14:28	8°♓37'24	
inferior conj	-3132 Mar	20 j 10:50	4°♓38'02	1°17'18
minimum elong	-3132 Mar	20 j 14:05	4°♓33'08	1°16'11
min. Earth dist.	-3132 Mar	22 j 08:04	3°♓30'23	0.55563 AU
desc. node	-3132 Mar	25 j 03:49	1°♓56'10	
morning rise	-3132 Mar	29 j 11:10	0°♓12'40	
	-3132 Mar	30 j 07:59	30°℞♒	
direct	-3132 Apr	02 j 06:36	29°♒40'54	
	-3132 Apr	05 j 04:29	0°♓	
morning max el	-3132 Apr	15 j 22:48	6°♓26'06	23°41'32
	-3132 May	02 j 16:13	0°♈	
morning set	-3132 May	09 j 19:43	14°♈07'51	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3132 May 10 j 06:28	15°♈04'18	
superior conj	-3132 May 16 j 22:48	29°♈23'28	1°04'41
minimum elong	-3132 May 16 j 20:22	29°♈10'26	1°04'20
	-3132 May 17 j 05:37	0°♉	
max. Earth dist.	-3132 May 19 j 00:56	3°♉51'10	1.33574 AU
evening rise	-3132 May 24 j 11:58	15°♉07'59	
	-3132 Jun 01 j 08:22	0°♊	
desc. node	-3132 Jun 21 j 02:47	29°♊39'17	
	-3132 Jun 21 j 09:44	0°♋	
evening max el	-3132 Jun 27 j 02:03	6°♋07'30	27°24'23
retrograde	-3132 Jul 10 j 17:06	13°♋30'42	
evening set	-3132 Jul 17 j 20:39	10°♋49'18	
min. Earth dist.	-3132 Jul 21 j 11:48	7°♋34'01	0.63796 AU
inferior conj	-3132 Jul 24 j 00:54	4°♋55'02	-3°-41'-5
minimum elong	-3132 Jul 24 j 04:50	4°♋44'47	3°40'08
	-3132 Jul 29 j 17:49	30°℞♊	
morning rise	-3132 Jul 30 j 14:55	29°♊34'00	
direct	-3132 Aug 02 j 05:33	29°♊00'06	
	-3132 Aug 05 j 16:38	0°♋	
asc. node	-3132 Aug 06 j 05:48	0°♋20'06	
morning max el	-3132 Aug 08 j 18:19	2°♋25'36	17°58'40
morning set	-3132 Aug 25 j 19:35	28°♋40'31	
	-3132 Aug 26 j 14:00	0°♌	
superior conj	-3132 Sep 07 j 10:49	20°♌01'37	0°59'24
minimum elong	-3132 Sep 07 j 16:20	20°♌24'14	0°58'50
max. Earth dist.	-3132 Sep 13 j 03:08	29°♌13'33	1.44005 AU
	-3132 Sep 13 j 14:46	0°♍	
desc. node	-3132 Sep 17 j 02:15	5°♍30'56	
evening rise	-3132 Sep 23 j 14:17	15°♍39'09	
	-3132 Oct 03 j 00:08	0°♎	
greatest brilliancy	-3132 Oct 15 j 06:40	17°♎42'17	-0.5m
evening max el	-3132 Oct 21 j 11:22	25°♎10'22	20°31'57
retrograde	-3132 Oct 29 j 12:17	29°♎54'58	
evening set	-3132 Nov 02 j 06:11	28°♎34'03	
asc. node	-3132 Nov 02 j 04:51	28°♎36'26	
inferior conj	-3132 Nov 07 j 17:38	22°♎24'33	1°49'13
minimum elong	-3132 Nov 07 j 15:20	22°♎32'22	1°48'18
min. Earth dist.	-3132 Nov 08 j 09:13	21°♎31'47	0.66937 AU
morning rise	-3132 Nov 13 j 00:00	16°♎07'58	
direct	-3132 Nov 18 j 12:01	13°♎45'00	
morning max el	-3132 Nov 29 j 19:26	20°♎29'29	24°31'51
	-3132 Dec 07 j 23:52	0°♏	
desc. node	-3132 Dec 14 j 01:50	8°♏11'54	
	-3132 Dec 28 j 10:17	0°♐	
morning set	-3131 Jan 04 j 17:29	12°♐19'29	
max. Earth dist.	-3131 Jan 08 j 12:25	19°♐04'48	1.37692 AU
	-3131 Jan 14 j 08:40	0°♑	
superior conj	-3131 Jan 15 j 07:02	1°♑47'41	-1°-47'-18
minimum elong	-3131 Jan 15 j 09:47	2°♑00'59	1°47'13
evening rise	-3131 Jan 23 j 21:49	18°♑49'10	
asc. node	-3131 Jan 29 j 04:01	28°♑59'22	
	-3131 Jan 29 j 17:11	0°♒	
evening max el	-3131 Feb 09 j 16:48	15°♒54'05	19°10'31
retrograde	-3131 Feb 18 j 11:50	20°♒06'18	
evening set	-3131 Feb 20 j 19:38	19°♒49'57	
inferior conj	-3131 Feb 28 j 23:13	15°♒38'10	2°47'17
minimum elong	-3131 Mar 01 j 04:05	15°♒29'51	2°46'00
min. Earth dist.	-3131 Mar 03 j 23:25	13°♒35'37	0.56837 AU
morning rise	-3131 Mar 09 j 08:38	10°♒41'45	
desc. node	-3131 Mar 12 j 00:55	9°♒56'03	
direct	-3131 Mar 14 j 08:52	9°♒43'11	
morning max el	-3131 Mar 28 j 13:48	17°♒00'45	25°18'19
	-3131 Apr 08 j 04:19	0°♓	
morning set	-3131 Apr 24 j 07:52	29°♓09'51	
	-3131 Apr 24 j 17:24	0°♈	
asc. node	-3131 Apr 27 j 03:29	5°♈10'10	
superior conj	-3131 May 01 j 08:57	14°♈21'38	0°42'59
minimum elong	-3131 May 01 j 07:10	14°♈11'56	0°42'39
max. Earth dist.	-3131 May 02 j 09:52	16°♈37'07	1.32893 AU
evening rise	-3131 May 08 j 14:01	29°♈42'33	
	-3131 May 08 j 17:25	0°♉	
	-3131 May 25 j 11:26	0°♊	
desc. node	-3131 Jun 07 j 23:51	17°♊23'10	
evening max el	-3131 Jun 09 j 09:36	18°♊46'33	27°15'38
retrograde	-3131 Jun 23 j 07:02	26°♊08'41	
evening set	-3131 Jun 30 j 08:45	23°♊46'54	
min. Earth dist.	-3131 Jul 03 j 23:12	20°♊56'48	0.61998 AU
inferior conj	-3131 Jul 07 j 00:47	18°♊06'46	-4°-11'-52
minimum elong	-3131 Jul 07 j 03:39	18°♊00'06	4°11'25
morning rise	-3131 Jul 14 j 01:12	13°♊05'52	
direct	-3131 Jul 16 j 13:21	12°♊38'26	
morning max el	-3131 Jul 23 j 08:47	16°♊04'02	17°57'24
asc. node	-3131 Jul 24 j 02:52	16°♊50'16	
	-3131 Aug 02 j 03:07	0°♋	
morning set	-3131 Aug 08 j 11:39	11°♋20'12	
	-3131 Aug 18 j 23:26	0°♌	
superior conj	-3131 Aug 19 j 08:54	0°♌40'48	1°29'05
minimum elong	-3131 Aug 19 j 13:41	1°♌01'22	1°28'45
max. Earth dist.	-3131 Aug 26 j 14:56	12°♌52'10	1.42639 AU
evening rise	-3131 Sep 02 j 21:04	24°♌30'51	
desc. node	-3131 Sep 03 j 23:14	26°♌13'24	
	-3131 Sep 06 j 09:38	0°♍	
	-3131 Sep 27 j 02:06	0°♎	
greatest brilliancy	-3131 Sep 29 j 10:33	3°♎00'23	-0.4m
evening max el	-3131 Oct 04 j 08:14	8°♎36'41	21°43'43
retrograde	-3131 Oct 13 j 08:41	13°♎58'14	
evening set	-3131 Oct 17 j 14:10	12°♎19'48	
asc. node	-3131 Oct 20 j 01:56	9°♎50'59	
inferior conj	-3131 Oct 22 j 23:26	6°♎02'56	0°59'02
minimum elong	-3131 Oct 22 j 22:07	6°♎07'32	0°58'28
min. Earth dist.	-3131 Oct 23 j 04:11	5°♎46'32	0.67355 AU
	-3131 Oct 27 j 23:24	30°℞♍	
morning rise	-3131 Oct 28 j 05:46	29°♍46'08	
direct	-3131 Nov 02 j 02:29	27°♍44'17	
	-3131 Nov 07 j 21:42	0°♎	
morning max el	-3131 Nov 12 j 05:08	3°♎46'12	23°05'12
greatest brilliancy	-3131 Nov 17 j 04:43	9°♎22'14	-0.3m
desc. node	-3131 Nov 30 j 22:52	28°♎07'16	
	-3131 Dec 02 j 05:24	0°♏	
morning set	-3131 Dec 16 j 17:12	22°♏45'50	
	-3131 Dec 20 j 23:57	0°♐	
max. Earth dist.	-3131 Dec 21 j 07:51	0°♐33'59	1.39767 AU
superior conj	-3131 Dec 29 j 00:33	14°♐16'53	-1°-55'-53
minimum elong	-3131 Dec 29 j 01:22	14°♐20'40	1°56'00
	-3130 Jan 06 j 08:26	0°♑	
evening rise	-3130 Jan 07 j 13:59	2°♑21'37	
asc. node	-3130 Jan 16 j 01:05	17°♑53'03	
evening max el	-3130 Jan 23 j 19:36	28°♑26'34	18°30'29
	-3130 Jan 25 j 15:11	0°♒	
retrograde	-3130 Jan 31 j 09:44	2°♒09'15	
evening set	-3130 Feb 02 j 20:57	1°♒47'01	
	-3130 Feb 06 j 14:16	30°℞♑	
inferior conj	-3130 Feb 10 j 07:51	27°♑15'24	3°40'08
minimum elong	-3130 Feb 10 j 11:00	27°♑09'09	3°39'37
min. Earth dist.	-3130 Feb 13 j 17:31	24°♑34'20	0.58670 AU
morning rise	-3130 Feb 17 j 21:26	21°♑52'44	
direct	-3130 Feb 24 j 00:35	20°♑16'28	
desc. node	-3130 Feb 26 j 22:02	20°♑37'31	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3130 Mar 10 j 07:13	27°♓50'37	26°38'20
	-3130 Mar 12 j 09:47	0°♒	
	-3130 Apr 01 j 15:33	0°♓	
morning set	-3130 Apr 08 j 18:45	14°♓07'24	
asc. node	-3130 Apr 14 j 00:31	25°♓21'54	
superior conj	-3130 Apr 15 j 20:35	29°♓23'03	0°19'11
minimum elong	-3130 Apr 15 j 19:45	29°♓18'26	0°18'59
max. Earth dist.	-3130 Apr 15 j 22:38	29°♓34'13	1.32561 AU
	-3130 Apr 16 j 03:20	0°♈	
evening rise	-3130 Apr 22 j 21:24	14°♈32'13	
	-3130 Apr 30 j 18:24	0°♉	
	-3130 May 21 j 17:01	0°♊	
evening max el	-3130 May 22 j 11:52	0°♊45'56	26°34'05
desc. node	-3130 May 25 j 20:55	3°♊41'14	
retrograde	-3130 Jun 05 j 13:09	8°♊04'13	
evening set	-3130 Jun 12 j 01:46	6°♊15'20	
min. Earth dist.	-3130 Jun 16 j 01:14	3°♊35'09	0.59983 AU
inferior conj	-3130 Jun 19 j 09:49	0°♊52'42	-4°-24'-46
minimum elong	-3130 Jun 19 j 10:05	0°♊52'09	4°24'41
	-3130 Jun 20 j 12:05	30°℞♉	
morning rise	-3130 Jun 26 j 21:48	26°♉13'42	
direct	-3130 Jun 29 j 09:16	25°♉50'57	
morning max el	-3130 Jul 06 j 19:48	29°♉26'56	18°15'23
	-3130 Jul 07 j 09:11	0°♊	
asc. node	-3130 Jul 10 j 23:57	4°♊23'14	
morning set	-3130 Jul 22 j 19:04	24°♊45'23	
	-3130 Jul 25 j 13:38	0°♋	
superior conj	-3130 Aug 01 j 08:35	12°♋36'17	1°44'47
minimum elong	-3130 Aug 01 j 10:51	12°♋46'35	1°44'46
max. Earth dist.	-3130 Aug 08 j 21:12	25°♋51'06	1.40859 AU
	-3130 Aug 11 j 08:13	0°♌	
evening rise	-3130 Aug 13 j 21:29	4°♌13'07	
desc. node	-3130 Aug 21 j 20:13	16°♌49'20	
	-3130 Aug 30 j 16:40	0°♍	
greatest brilliancy	-3130 Sep 11 j 17:30	16°♍09'57	-0.3m
evening max el	-3130 Sep 16 j 23:38	22°♍03'28	23°02'48
retrograde	-3130 Sep 27 j 02:28	28°♍03'08	
evening set	-3130 Oct 01 j 21:34	26°♍05'29	
asc. node	-3130 Oct 06 j 23:02	20°♍09'20	
inferior conj	-3130 Oct 07 j 06:10	19°♍44'47	0°06'08
minimum elong	-3130 Oct 07 j 06:01	19°♍45'18	0°06'06
transit middle	-3130 Oct 07 j 06:01	19°♍45'18	0°06'06
transit begin	-3130 Oct 07 j 03:31	19°♍53'55	
transit end	-3130 Oct 07 j 08:31	19°♍36'40	
min. Earth dist.	-3130 Oct 07 j 00:39	20°♍03'48	0.67470 AU
morning rise	-3130 Oct 12 j 14:26	13°♍30'50	
direct	-3130 Oct 16 j 20:46	11°♍50'48	
morning max el	-3130 Oct 25 j 19:08	17°♍07'46	21°41'02
greatest brilliancy	-3130 Oct 30 j 19:08	22°♍51'13	-0.4m
	-3130 Nov 05 j 05:03	0°♎	
desc. node	-3130 Nov 17 j 19:51	18°♎21'47	
	-3130 Nov 25 j 08:31	0°♏	
morning set	-3130 Nov 26 j 12:01	1°♏48'47	
max. Earth dist.	-3130 Dec 03 j 08:20	12°♏54'35	1.41774 AU
superior conj	-3130 Dec 10 j 21:27	25°♏43'34	-1°-53'-8
minimum elong	-3130 Dec 10 j 18:47	25°♏31'59	1°53'08
	-3130 Dec 13 j 07:51	0°♐	
evening rise	-3130 Dec 21 j 18:10	15°♐15'33	
	-3130 Dec 29 j 23:55	0°♑	
asc. node	-3129 Jan 02 j 22:08	6°♑09'30	
evening max el	-3129 Jan 07 j 04:29	11°♑22'34	18°10'29
retrograde	-3129 Jan 14 j 01:05	14°♑51'29	
evening set	-3129 Jan 16 j 15:26	14°♑22'06	
inferior conj	-3129 Jan 23 j 12:11	9°♑28'15	3°59'46
minimum elong	-3129 Jan 23 j 12:38	9°♑27'14	3°59'40
min. Earth dist.	-3129 Jan 26 j 17:10	6°♑32'20	0.60700 AU
morning rise	-3129 Jan 30 j 07:07	3°♑46'53	
direct	-3129 Feb 06 j 03:05	1°♑33'51	
desc. node	-3129 Feb 13 j 19:07	4°♑02'47	
morning max el	-3129 Feb 20 j 06:33	9°♑15'51	27°28'56
	-3129 Mar 08 j 06:08	0°♒	
morning set	-3129 Mar 24 j 02:31	28°♒53'56	
	-3129 Mar 24 j 15:17	0°♓	
max. Earth dist.	-3129 Mar 30 j 11:37	12°♓30'00	1.32569 AU
superior conj	-3129 Mar 31 j 08:04	14°♓21'36	0°-5'-54
minimum elong	-3129 Mar 31 j 08:20	14°♓23'05	0°05'53
behind sun begin	-3129 Mar 31 j 03:38	13°♓57'22	
behind sun end	-3129 Mar 31 j 13:02	14°♓48'47	
asc. node	-3129 Mar 31 j 21:33	15°♓35'20	
evening rise	-3129 Apr 07 j 07:53	29°♓29'07	
	-3129 Apr 07 j 13:46	0°♈	
	-3129 Apr 24 j 08:06	0°♉	
evening max el	-3129 May 04 j 07:50	12°♉03'34	25°23'27
desc. node	-3129 May 12 j 18:00	18°♉00'17	
retrograde	-3129 May 18 j 09:17	19°♉14'18	
evening set	-3129 May 23 j 20:52	18°♉03'56	
min. Earth dist.	-3129 May 28 j 20:00	15°♉16'53	0.57978 AU
inferior conj	-3129 Jun 01 j 00:32	13°♉03'33	-4°-10'-6
minimum elong	-3129 May 31 j 21:03	13°♉09'40	4°09'39
morning rise	-3129 Jun 09 j 01:13	8°♉46'14	
direct	-3129 Jun 11 j 12:58	8°♉27'07	
morning max el	-3129 Jun 20 j 00:32	12°♉26'00	18°53'37
asc. node	-3129 Jun 27 j 21:00	22°♉45'13	
	-3129 Jul 01 j 23:57	0°♊	
morning set	-3129 Jul 06 j 13:36	8°♊45'41	
superior conj	-3129 Jul 15 j 04:28	25°♊34'03	1°48'50
minimum elong	-3129 Jul 15 j 04:21	25°♊33'29	1°48'56
	-3129 Jul 17 j 12:48	0°♋	
max. Earth dist.	-3129 Jul 21 j 23:57	8°♋10'06	1.38901 AU
evening rise	-3129 Jul 25 j 23:43	15°♋10'14	
	-3129 Aug 04 j 00:06	0°♌	
desc. node	-3129 Aug 08 j 17:12	7°♌14'53	
	-3129 Aug 25 j 09:59	0°♍	
evening max el	-3129 Aug 30 j 11:34	5°♍33'03	24°23'00
retrograde	-3129 Sep 10 j 16:39	12°♍07'17	
evening set	-3129 Sep 16 j 02:40	9°♍50'18	
min. Earth dist.	-3129 Sep 20 j 20:10	4°♍22'55	0.67285 AU
inferior conj	-3129 Sep 21 j 12:07	3°♍29'16	0°-47'-47
minimum elong	-3129 Sep 21 j 13:15	3°♍25'27	0°47'16
asc. node	-3129 Sep 23 j 20:07	0°♍27'56	
	-3129 Sep 24 j 05:34	30°℞♌	
morning rise	-3129 Sep 27 j 00:07	27°♌21'13	
direct	-3129 Sep 30 j 17:42	26°♌01'23	
	-3129 Oct 08 j 00:35	0°♍	
morning max el	-3129 Oct 08 j 16:08	0°♍38'36	20°25'54
greatest brilliancy	-3129 Oct 15 j 04:17	8°♍28'51	-0.5m
	-3129 Oct 29 j 22:36	0°♎	
desc. node	-3129 Nov 04 j 16:50	8°♎49'56	
morning set	-3129 Nov 05 j 11:26	10°♎01'57	
max. Earth dist.	-3129 Nov 15 j 16:40	26°♎09'06	1.43423 AU
	-3129 Nov 18 j 01:46	0°♏	
superior conj	-3129 Nov 21 j 16:24	5°♏55'18	-1°-35'-4
minimum elong	-3129 Nov 21 j 09:58	5°♏28'45	1°34'36
evening rise	-3129 Dec 04 j 06:20	27°♏23'00	
	-3129 Dec 05 j 18:16	0°♐	
asc. node	-3129 Dec 20 j 19:11	23°♐37'35	
evening max el	-3129 Dec 21 j 16:30	24°♐34'05	18°10'02
retrograde	-3129 Dec 28 j 05:47	28°♐02'32	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3129 Dec 30 j 23:23	27°♐25'11	
inferior conj	-3128 Jan 06 j 08:52	22°♐09'59	3°54'45
minimum elong	-3128 Jan 06 j 07:12	22°♐14'22	3°54'29
min. Earth dist.	-3128 Jan 09 j 01:30	19°♐21'48	0.62632 AU
morning rise	-3128 Jan 12 j 13:06	16°♐15'19	
direct	-3128 Jan 19 j 14:18	13°♐36'19	
desc. node	-3128 Jan 31 j 16:12	19°♐39'10	
morning max el	-3128 Feb 02 j 11:54	21°♐22'05	27°43'37
	-3128 Feb 10 j 01:32	0°♑	
	-3128 Feb 29 j 06:34	0°♒	
morning set	-3128 Mar 07 j 04:59	13°♒21'26	
max. Earth dist.	-3128 Mar 12 j 20:48	25°♒09'36	1.32940 AU
superior conj	-3128 Mar 14 j 17:39	29°♒10'55	0°-31'-22
minimum elong	-3128 Mar 14 j 19:05	29°♒18'37	0°31'09
	-3128 Mar 15 j 02:44	0°♓	
asc. node	-3128 Mar 17 j 18:33	5°♓45'51	
evening rise	-3128 Mar 21 j 19:34	14°♓25'40	
	-3128 Mar 29 j 16:47	0°♈	
evening max el	-3128 Apr 14 j 23:31	22°♈50'11	23°53'52
retrograde	-3128 Apr 28 j 17:29	29°♈43'14	
desc. node	-3128 Apr 28 j 15:05	29°♈43'13	
evening set	-3128 May 02 j 20:34	29°♈05'29	
min. Earth dist.	-3128 May 09 j 10:48	25°♈57'22	0.56303 AU
inferior conj	-3128 May 11 j 18:59	24°♈31'23	-3°-17'-23
minimum elong	-3128 May 11 j 12:51	24°♈40'50	3°15'55
morning rise	-3128 May 20 j 08:56	20°♈30'53	
direct	-3128 May 22 j 21:30	20°♈14'27	
morning max el	-3128 Jun 01 j 20:15	24°♈51'01	19°52'29
	-3128 Jun 06 j 09:34	0°♉	
asc. node	-3128 Jun 13 j 18:01	11°♉43'44	
morning set	-3128 Jun 19 j 15:54	23°♉11'12	
	-3128 Jun 23 j 00:29	0°♊	
superior conj	-3128 Jun 27 j 14:59	9°♊17'25	1°43'56
minimum elong	-3128 Jun 27 j 13:16	9°♊08'48	1°43'57
max. Earth dist.	-3128 Jul 03 j 03:24	20°♊00'41	1.37012 AU
evening rise	-3128 Jul 07 j 02:09	27°♊18'41	
	-3128 Jul 08 j 14:08	0°♋	
desc. node	-3128 Jul 25 j 14:12	27°♋23'52	
	-3128 Jul 27 j 09:46	0°♌	
evening max el	-3128 Aug 11 j 22:18	19°♌04'52	25°37'05
retrograde	-3128 Aug 24 j 02:33	26°♌05'44	
evening set	-3128 Aug 30 j 03:35	23°♌31'57	
min. Earth dist.	-3128 Sep 03 j 12:22	18°♌41'23	0.66774 AU
inferior conj	-3128 Sep 04 j 15:32	17°♌14'01	-1°-41'-7
minimum elong	-3128 Sep 04 j 17:55	17°♌06'21	1°40'08
asc. node	-3128 Sep 09 j 17:12	11°♌42'11	
morning rise	-3128 Sep 10 j 08:54	11°♌14'57	
direct	-3128 Sep 13 j 15:51	10°♌12'19	
morning max el	-3128 Sep 20 j 20:29	14°♌18'28	19°23'54
greatest brilliancy	-3128 Sep 30 j 12:18	26°♌54'46	-0.7m
	-3128 Oct 02 j 13:57	0°♍	
morning set	-3128 Oct 14 j 14:01	18°♍31'45	
desc. node	-3128 Oct 21 j 13:48	29°♍27'18	
	-3128 Oct 21 j 22:09	0°♎	
max. Earth dist.	-3128 Oct 28 j 07:00	10°♎01'27	1.44495 AU
superior conj	-3128 Oct 31 j 08:31	14°♎53'16	0°-59'-52
minimum elong	-3128 Oct 31 j 01:45	14°♎26'19	0°59'07
	-3128 Nov 09 j 17:04	0°♏	
evening rise	-3128 Nov 14 j 21:54	8°♏35'09	
	-3128 Nov 28 j 02:05	0°♐	
evening max el	-3128 Dec 04 j 04:56	7°♐54'54	18°28'19
asc. node	-3128 Dec 06 j 16:14	10°♐03'43	
retrograde	-3128 Dec 10 j 19:23	11°♐33'42	
evening set	-3128 Dec 13 j 17:17	10°♐47'01	
inferior conj	-3128 Dec 19 j 18:03	5°♐12'51	3°32'32
minimum elong	-3128 Dec 19 j 15:14	5°♐21'00	3°31'54
min. Earth dist.	-3128 Dec 21 j 19:57	2°♐48'37	0.64290 AU
	-3128 Dec 24 j 12:33	30°♑℞♏	
morning rise	-3128 Dec 25 j 11:51	29°♏08'41	
direct	-3127 Jan 01 j 09:02	26°♏18'23	
	-3127 Jan 10 j 06:41	0°♐	
morning max el	-3127 Jan 14 j 20:49	4°♐02'06	27°22'49
desc. node	-3127 Jan 17 j 13:15	6°♐51'08	
	-3127 Feb 03 j 12:52	0°♑	
morning set	-3127 Feb 18 j 23:25	27°♑20'54	
	-3127 Feb 20 j 07:36	0°♒	
max. Earth dist.	-3127 Feb 23 j 22:10	7°♒20'06	1.33709 AU
superior conj	-3127 Feb 26 j 23:34	13°♒44'55	0°-56'-15
minimum elong	-3127 Feb 27 j 02:02	13°♒57'59	0°55'53
asc. node	-3127 Mar 04 j 15:33	25°♒49'29	
evening rise	-3127 Mar 06 j 06:41	29°♒15'36	
	-3127 Mar 06 j 15:11	0°♓	
	-3127 Mar 24 j 09:15	0°♈	
evening max el	-3127 Mar 27 j 17:00	3°♈32'59	22°19'38
retrograde	-3127 Apr 09 j 13:47	9°♈49'56	
evening set	-3127 Apr 12 j 12:21	9°♈30'52	
desc. node	-3127 Apr 15 j 12:10	8°♈35'41	
min. Earth dist.	-3127 Apr 21 j 00:44	5°♈49'18	0.55300 AU
inferior conj	-3127 Apr 21 j 20:31	5°♈21'14	-1°-44'-10
minimum elong	-3127 Apr 21 j 15:55	5°♈27'45	1°42'40
morning rise	-3127 Apr 30 j 21:24	1°♈24'37	
direct	-3127 May 03 j 13:57	1°♈08'09	
morning max el	-3127 May 15 j 05:19	6°♈35'28	21°10'43
	-3127 May 31 j 00:44	0°♉	
asc. node	-3127 May 31 j 15:02	1°♉09'52	
morning set	-3127 Jun 03 j 23:25	7°♉54'56	
superior conj	-3127 Jun 11 j 11:50	23°♉33'37	1°32'23
minimum elong	-3127 Jun 11 j 09:19	23°♉20'38	1°32'12
	-3127 Jun 14 j 15:38	0°♊	
max. Earth dist.	-3127 Jun 15 j 13:34	1°♊49'42	1.35392 AU
evening rise	-3127 Jun 19 j 23:48	10°♊25'42	
	-3127 Jul 01 j 02:21	0°♋	
desc. node	-3127 Jul 12 j 11:13	17°♋08'48	
	-3127 Jul 22 j 20:35	0°♌	
evening max el	-3127 Jul 25 j 09:29	2°♌35'47	26°37'04
retrograde	-3127 Aug 07 j 07:39	9°♌52'24	
evening set	-3127 Aug 13 j 22:10	7°♌07'50	
min. Earth dist.	-3127 Aug 17 j 22:58	2°♌55'37	0.65909 AU
inferior conj	-3127 Aug 19 j 14:31	0°♌56'28	-2°-32'-1
minimum elong	-3127 Aug 19 j 17:56	0°♌46'09	2°30'47
	-3127 Aug 20 j 09:23	30°♑℞♋	
morning rise	-3127 Aug 25 j 14:46	25°♋09'27	
asc. node	-3127 Aug 27 j 14:16	24°♋25'48	
direct	-3127 Aug 28 j 13:29	24°♋20'31	
morning max el	-3127 Sep 04 j 06:46	28°♋04'26	18°37'22
	-3127 Sep 06 j 00:44	0°♌	
morning set	-3127 Sep 24 j 15:14	28°♌10'29	
	-3127 Sep 25 j 18:29	0°♍	
desc. node	-3127 Oct 08 j 10:46	20°♍10'08	
superior conj	-3127 Oct 10 j 08:49	23°♍11'35	0°-12'-14
minimum elong	-3127 Oct 10 j 07:12	23°♍05'12	0°12'02
behind sun begin	-3127 Oct 09 j 23:25	22°♍34'32	
behind sun end	-3127 Oct 10 j 14:59	23°♍35'52	
max. Earth dist.	-3127 Oct 11 j 00:32	24°♍13'29	1.44875 AU
	-3127 Oct 14 j 16:36	0°♎	
evening rise	-3127 Oct 26 j 13:12	18°♎44'46	
	-3127 Nov 02 j 15:07	0°♏	
evening max el	-3127 Nov 17 j 15:19	21°♏20'12	19°04'10

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3127 Nov 23 j 13:19	25°♏12'14	
retrograde	-3127 Nov 24 j 14:03	25°♏18'13	
evening set	-3127 Nov 27 j 18:04	24°♏20'12	
inferior conj	-3127 Dec 03 j 12:16	18°♏29'59	2°58'27
minimum elong	-3127 Dec 03 j 09:11	18°♏39'39	2°57'31
min. Earth dist.	-3127 Dec 04 j 23:45	16°♏38'53	0.65604 AU
morning rise	-3127 Dec 08 j 23:22	12°♏19'05	
direct	-3127 Dec 15 j 10:15	9°♏31'39	
morning max el	-3127 Dec 28 j 06:27	17°♏02'33	26°31'53
desc. node	-3126 Jan 04 j 10:17	25°♏10'12	
	-3126 Jan 08 j 03:22	0°♐	
	-3126 Jan 27 j 09:48	0°♑	
morning set	-3126 Feb 02 j 06:06	10°♑39'31	
max. Earth dist.	-3126 Feb 06 j 12:14	18°♑53'22	1.34923 AU
superior conj	-3126 Feb 10 j 23:32	27°♑55'39	-1°-19'-16
minimum elong	-3126 Feb 11 j 02:42	28°♑11'58	1°18'54
	-3126 Feb 11 j 23:37	0°♒	
evening rise	-3126 Feb 18 j 15:20	13°♒51'42	
asc. node	-3126 Feb 19 j 12:35	15°♒40'49	
	-3126 Feb 27 j 00:20	0°♓	
evening max el	-3126 Mar 09 j 18:21	14°♓37'33	20°53'19
retrograde	-3126 Mar 21 j 03:10	20°♓03'26	
evening set	-3126 Mar 23 j 11:33	19°♓50'25	
inferior conj	-3126 Apr 01 j 15:33	15°♓52'50	0°12'22
minimum elong	-3126 Apr 01 j 16:07	15°♓52'01	0°12'08
transit middle	-3126 Apr 01 j 16:07	15°♓52'01	0°12'08
transit begin	-3126 Apr 01 j 13:30	15°♓55'46	
transit end	-3126 Apr 01 j 18:45	15°♓48'15	
desc. node	-3126 Apr 02 j 09:16	15°♓27'31	
min. Earth dist.	-3126 Apr 02 j 14:51	15°♓19'33	0.55197 AU
morning rise	-3126 Apr 10 j 19:28	11°♓42'11	
direct	-3126 Apr 14 j 01:48	11°♓18'59	
morning max el	-3126 Apr 27 j 03:57	17°♓39'08	22°44'11
	-3126 May 07 j 01:26	0°♈	
asc. node	-3126 May 18 j 12:05	20°♈56'07	
morning set	-3126 May 19 j 10:09	22°♈50'37	
	-3126 May 22 j 19:23	0°♉	
superior conj	-3126 May 26 j 15:44	8°♉12'24	1°15'54
minimum elong	-3126 May 26 j 13:07	7°♉58'31	1°15'35
max. Earth dist.	-3126 May 29 j 09:49	13°♉59'50	1.34132 AU
evening rise	-3126 Jun 03 j 11:36	24°♉16'43	
	-3126 Jun 06 j 10:51	0°♊	
	-3126 Jun 24 j 15:24	0°♋	
desc. node	-3126 Jun 29 j 08:15	6°♋19'26	
evening max el	-3126 Jul 07 j 21:01	15°♋57'18	27°15'10
retrograde	-3126 Jul 21 j 07:21	23°♋19'41	
evening set	-3126 Jul 28 j 07:44	20°♋33'53	
min. Earth dist.	-3126 Aug 01 j 01:49	16°♋58'57	0.64672 AU
inferior conj	-3126 Aug 03 j 06:49	14°♋32'29	-3°-18'-4
minimum elong	-3126 Aug 03 j 10:47	14°♋21'29	3°16'55
morning rise	-3126 Aug 09 j 15:23	9°♋00'46	
direct	-3126 Aug 12 j 08:18	8°♋22'10	
asc. node	-3126 Aug 14 j 11:21	8°♋46'00	
morning max el	-3126 Aug 18 j 20:46	11°♋52'07	18°07'40
	-3126 Aug 31 j 09:07	0°♌	
morning set	-3126 Sep 05 j 20:16	9°♌10'15	
	-3126 Sep 18 j 11:20	0°♍	
superior conj	-3126 Sep 19 j 15:17	1°♍52'29	0°35'57
minimum elong	-3126 Sep 19 j 19:23	2°♍08'58	0°35'28
max. Earth dist.	-3126 Sep 23 j 18:30	8°♍28'10	1.44526 AU
desc. node	-3126 Sep 25 j 07:45	10°♍55'31	
evening rise	-3126 Oct 06 j 05:35	27°♍57'38	
	-3126 Oct 07 j 13:14	0°♎	
greatest brilliancy	-3126 Oct 24 j 11:41	25°♎29'58	-0.6m
	-3126 Oct 27 j 19:34	0°♏	
evening max el	-3126 Oct 31 j 21:33	4°♏47'28	19°55'54
retrograde	-3126 Nov 08 j 11:04	9°♏12'39	
asc. node	-3126 Nov 10 j 10:23	8°♏50'08	
evening set	-3126 Nov 11 j 23:19	8°♏00'47	
inferior conj	-3126 Nov 17 j 12:46	1°♏57'30	2°16'12
minimum elong	-3126 Nov 17 j 10:03	2°♏06'31	2°15'12
min. Earth dist.	-3126 Nov 18 j 11:11	0°♏43'18	0.66559 AU
	-3126 Nov 19 j 00:26	30°℞♎	
morning rise	-3126 Nov 22 j 20:09	25°♎42'27	
direct	-3126 Nov 28 j 17:06	23°♎08'31	
	-3126 Dec 10 j 10:05	0°♏	
morning max el	-3126 Dec 10 j 15:15	0°♏12'54	25°19'22
desc. node	-3126 Dec 22 j 07:21	14°♏16'58	
	-3125 Jan 02 j 01:52	0°♐	
morning set	-3125 Jan 15 j 20:08	23°♐03'08	
max. Earth dist.	-3125 Jan 19 j 14:51	0°♑00'13	1.36583 AU
	-3125 Jan 19 j 14:48	0°♑	
superior conj	-3125 Jan 25 j 14:45	11°♑35'04	-1°-38'-40
minimum elong	-3125 Jan 25 j 17:57	11°♑50'57	1°38'28
evening rise	-3125 Feb 02 j 19:35	28°♑08'11	
	-3125 Feb 03 j 17:50	0°♒	
asc. node	-3125 Feb 06 j 09:38	5°♒14'44	
evening max el	-3125 Feb 20 j 06:16	26°♒16'35	19°42'35
	-3125 Feb 25 j 16:30	0°♓	
retrograde	-3125 Mar 01 j 22:05	0°♓52'10	
evening set	-3125 Mar 04 j 04:45	0°♓38'00	
	-3125 Mar 06 j 09:03	30°℞♒	
inferior conj	-3125 Mar 12 j 18:16	26°♒34'52	1°59'45
minimum elong	-3125 Mar 12 j 22:44	26°♒27'51	1°58'21
min. Earth dist.	-3125 Mar 15 j 05:12	25°♒02'34	0.56019 AU
desc. node	-3125 Mar 20 j 06:22	22°♒24'19	
morning rise	-3125 Mar 21 j 13:22	21°♒56'40	
direct	-3125 Mar 25 j 20:55	21°♒15'05	
morning max el	-3125 Apr 08 j 19:46	28°♒15'49	24°23'48
	-3125 Apr 10 j 13:17	0°♓	
	-3125 Apr 30 j 01:50	0°♈	
morning set	-3125 May 03 j 22:16	7°♈51'58	
asc. node	-3125 May 05 j 09:07	10°♈56'14	
superior conj	-3125 May 11 j 00:10	23°♈05'15	0°55'48
minimum elong	-3125 May 10 j 21:58	22°♈53'22	0°55'26
max. Earth dist.	-3125 May 12 j 15:07	26°♈35'10	1.33243 AU
	-3125 May 14 j 05:31	0°♉	
evening rise	-3125 May 18 j 09:24	8°♉38'24	
	-3125 May 29 j 21:05	0°♊	
desc. node	-3125 Jun 16 j 05:19	24°♊40'46	
evening max el	-3125 Jun 20 j 06:54	28°♊56'02	27°24'45
	-3125 Jun 21 j 10:27	0°♋	
retrograde	-3125 Jul 04 j 00:50	6°♋18'15	
evening set	-3125 Jul 11 j 04:49	3°♋43'46	
min. Earth dist.	-3125 Jul 14 j 18:59	0°♋40'34	0.63071 AU
	-3125 Jul 15 j 11:40	30°℞♊	
inferior conj	-3125 Jul 17 j 13:38	27°♊55'20	-3°-55'-51
minimum elong	-3125 Jul 17 j 17:17	27°♊46'15	3°55'06
morning rise	-3125 Jul 24 j 07:53	22°♊42'15	
direct	-3125 Jul 26 j 21:19	22°♊11'14	
asc. node	-3125 Aug 01 j 08:27	24°♊32'54	
morning max el	-3125 Aug 02 j 11:49	25°♊35'31	17°55'46
	-3125 Aug 06 j 04:32	0°♋	
morning set	-3125 Aug 19 j 01:11	21°♋18'01	
	-3125 Aug 24 j 00:18	0°♌	
superior conj	-3125 Aug 30 j 21:16	11°♌43'37	1°13'47
minimum elong	-3125 Aug 31 j 02:52	12°♌07'00	1°13'16
max. Earth dist.	-3125 Sep 06 j 09:46	22°♌26'36	1.43497 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3125 Sep 11 j 03:24	0°♍	
desc. node	-3125 Sep 12 j 04:44	1°♍39'46	
evening rise	-3125 Sep 15 j 10:22	6°♍42'40	
	-3125 Sep 30 j 21:57	0°♎	
greatest brilliancy	-3125 Oct 09 j 09:45	11°♎45'33	-0.5m
evening max el	-3125 Oct 14 j 22:01	18°♎14'07	21°01'14
retrograde	-3125 Oct 23 j 08:10	23°♎13'25	
evening set	-3125 Oct 27 j 06:52	21°♎45'08	
asc. node	-3125 Oct 28 j 07:29	20°♎53'03	
inferior conj	-3125 Nov 01 j 17:13	15°♎32'09	1°28'20
minimum elong	-3125 Nov 01 j 15:17	15°♎38'45	1°27'33
min. Earth dist.	-3125 Nov 02 j 04:01	14°♎55'09	0.67162 AU
morning rise	-3125 Nov 06 j 23:20	9°♎15'23	
direct	-3125 Nov 12 j 04:50	7°♎01'14	
morning max el	-3125 Nov 22 j 23:59	13°♎27'34	23°55'09
	-3125 Dec 06 j 09:14	0°♏	
desc. node	-3125 Dec 09 j 04:23	3°♏57'20	
	-3125 Dec 25 j 22:57	0°♐	
morning set	-3125 Dec 28 j 11:30	4°♐16'02	
max. Earth dist.	-3124 Jan 01 j 11:10	11°♐12'58	1.38569 AU
superior conj	-3124 Jan 08 j 17:32	24°♐33'19	-1°-52'-4
minimum elong	-3124 Jan 08 j 19:39	24°♐43'24	1°52'07
	-3124 Jan 11 j 13:48	0°♑	
evening rise	-3124 Jan 17 j 17:00	11°♑58'56	
asc. node	-3124 Jan 24 j 06:40	24°♑25'17	
	-3124 Jan 27 j 13:54	0°♒	
evening max el	-3124 Feb 03 j 04:12	8°♒30'58	18°50'59
retrograde	-3124 Feb 11 j 09:28	12°♒28'49	
evening set	-3124 Feb 13 j 18:48	12°♒10'05	
inferior conj	-3124 Feb 21 j 14:59	7°♒50'01	3°14'16
minimum elong	-3124 Feb 21 j 19:23	7°♒41'59	3°13'17
min. Earth dist.	-3124 Feb 24 j 21:06	5°♒28'47	0.57566 AU
morning rise	-3124 Feb 29 j 16:10	2°♒41'44	
direct	-3124 Mar 06 j 04:38	1°♒28'11	
desc. node	-3124 Mar 06 j 03:29	1°♒28'11	
morning max el	-3124 Mar 20 j 11:10	8°♒53'34	25°55'28
	-3124 Apr 05 j 07:55	0°♓	
morning set	-3124 Apr 17 j 10:08	22°♓53'14	
	-3124 Apr 20 j 18:06	0°♈	
asc. node	-3124 Apr 21 j 06:09	1°♈05'19	
superior conj	-3124 Apr 24 j 11:10	8°♈05'38	0°33'06
minimum elong	-3124 Apr 24 j 09:45	7°♈57'55	0°32'49
max. Earth dist.	-3124 Apr 25 j 02:22	9°♈28'38	1.32707 AU
evening rise	-3124 May 01 j 14:01	23°♈20'35	
	-3124 May 04 j 21:02	0°♉	
	-3124 May 22 j 19:49	0°♊	
evening max el	-3124 Jun 01 j 12:28	11°♊19'22	27°01'54
desc. node	-3124 Jun 02 j 02:22	11°♊52'05	
retrograde	-3124 Jun 15 j 11:24	18°♊39'40	
evening set	-3124 Jun 22 j 09:19	16°♊30'18	
min. Earth dist.	-3124 Jun 26 j 02:00	13°♊46'52	0.61164 AU
inferior conj	-3124 Jun 29 j 07:40	10°♊57'28	-4°-20'-2
minimum elong	-3124 Jun 29 j 09:38	10°♊53'09	4°19'47
morning rise	-3124 Jul 06 j 12:52	6°♊05'51	
direct	-3124 Jul 09 j 00:42	5°♊40'28	
morning max el	-3124 Jul 16 j 01:12	9°♊08'39	18°02'37
asc. node	-3124 Jul 18 j 05:31	11°♊31'46	
	-3124 Jul 29 j 16:07	0°♋	
morning set	-3124 Aug 01 j 00:23	4°♋18'49	
superior conj	-3124 Aug 11 j 06:53	22°♋57'15	1°37'20
minimum elong	-3124 Aug 11 j 10:40	23°♋13'55	1°37'09
	-3124 Aug 15 j 08:22	0°♌	
max. Earth dist.	-3124 Aug 18 j 19:41	5°♌51'12	1.41928 AU
evening rise	-3124 Aug 24 j 22:54	15°♌50'51	
desc. node	-3124 Aug 29 j 01:42	22°♌19'45	
	-3124 Sep 03 j 02:00	0°♍	
greatest brilliancy	-3124 Sep 21 j 22:43	26°♍19'45	-0.3m
	-3124 Sep 25 j 02:30	0°♎	
evening max el	-3124 Sep 26 j 16:19	1°♎39'52	22°16'40
retrograde	-3124 Oct 06 j 03:41	7°♎17'46	
evening set	-3124 Oct 10 j 14:50	5°♎31'02	
asc. node	-3124 Oct 14 j 04:35	1°♎37'55	
	-3124 Oct 15 j 09:40	30°℞♍	
inferior conj	-3124 Oct 15 j 23:37	29°♍11'53	0°36'48
minimum elong	-3124 Oct 15 j 22:46	29°♍14'49	0°36'27
min. Earth dist.	-3124 Oct 15 j 23:52	29°♍11'01	0.67446 AU
morning rise	-3124 Oct 21 j 06:34	22°♍56'05	
direct	-3124 Oct 25 j 20:54	21°♍03'52	
morning max el	-3124 Nov 04 j 11:18	26°♍46'22	22°28'36
	-3124 Nov 07 j 10:25	0°♎	
greatest brilliancy	-3124 Nov 09 j 03:41	2°♎02'34	-0.3m
desc. node	-3124 Nov 25 j 01:22	24°♎01'19	
	-3124 Nov 29 j 00:19	0°♏	
morning set	-3124 Dec 07 j 22:45	14°♏05'39	
max. Earth dist.	-3124 Dec 13 j 08:26	23°♏03'27	1.40647 AU
	-3124 Dec 17 j 09:20	0°♐	
superior conj	-3124 Dec 21 j 02:56	6°♐37'03	-1°-56'-21
minimum elong	-3124 Dec 21 j 02:26	6°♐34'51	1°56'27
evening rise	-3124 Dec 31 j 04:33	25°♐15'57	
	-3123 Jan 02 j 17:08	0°♑	
asc. node	-3123 Jan 10 j 03:43	13°♑04'09	
evening max el	-3123 Jan 16 j 09:50	21°♑13'47	18°19'30
retrograde	-3123 Jan 23 j 15:23	24°♑49'16	
evening set	-3123 Jan 26 j 03:49	24°♑24'13	
inferior conj	-3123 Feb 02 j 08:19	19°♑43'05	3°52'05
minimum elong	-3123 Feb 02 j 10:19	19°♑38'52	3°51'48
min. Earth dist.	-3123 Feb 05 j 17:15	16°♑52'37	0.59520 AU
morning rise	-3123 Feb 09 j 13:31	14°♑11'15	
direct	-3123 Feb 16 j 01:00	12°♑18'43	
desc. node	-3123 Feb 21 j 00:36	13°♑21'36	
morning max el	-3123 Mar 02 j 07:09	19°♑57'29	27°04'10
	-3123 Mar 10 j 21:49	0°♒	
	-3123 Mar 28 j 23:42	0°♓	
morning set	-3123 Apr 01 j 19:54	7°♓46'46	
asc. node	-3123 Apr 08 j 03:09	21°♓17'57	
superior conj	-3123 Apr 08 j 22:55	23°♓06'07	0°08'39
minimum elong	-3123 Apr 08 j 22:31	23°♓04'01	0°08'33
behind sun begin	-3123 Apr 08 j 18:18	22°♓40'50	
behind sun end	-3123 Apr 09 j 02:45	23°♓27'12	
max. Earth dist.	-3123 Apr 08 j 15:38	22°♓26'17	1.32515 AU
	-3123 Apr 12 j 02:39	0°♈	
evening rise	-3123 Apr 15 j 22:55	8°♈13'32	
	-3123 Apr 27 j 09:00	0°♉	
evening max el	-3123 May 14 j 11:41	22°♉59'01	26°07'06
desc. node	-3123 May 19 j 23:27	27°♉23'38	
	-3123 May 26 j 00:59	0°♊	
retrograde	-3123 May 28 j 13:42	0°♊15'41	
	-3123 May 31 j 01:53	30°℞♉	
evening set	-3123 Jun 03 j 17:09	28°♉42'44	
min. Earth dist.	-3123 Jun 08 j 00:26	26°♉01'47	0.59109 AU
inferior conj	-3123 Jun 11 j 09:11	23°♉28'46	-4°-22'-35
minimum elong	-3123 Jun 11 j 07:56	23°♉31'09	4°22'28
morning rise	-3123 Jun 19 j 02:30	18°♉59'37	
direct	-3123 Jun 21 j 13:57	18°♉38'37	
morning max el	-3123 Jun 29 j 09:56	22°♉22'29	18°29'12
asc. node	-3123 Jul 05 j 02:34	29°♉26'45	
	-3123 Jul 05 j 11:20	0°♊	
morning set	-3123 Jul 15 j 12:57	17°♊59'38	
	-3123 Jul 21 j 19:20	0°♋	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3123 Jul 24 j 15:54	5°♋21'22	1°47'44	
minimum elong	-3123 Jul 24 j 17:05	5°♋26'51	1°47'49	
max. Earth dist.	-3123 Jul 31 j 23:38	18°♋30'50	1.40030 AU	
evening rise	-3123 Aug 05 j 09:57	26°♋03'35		
	-3123 Aug 07 j 19:12	0°♌		
desc. node	-3123 Aug 15 j 22:40	12°♌51'44		
	-3123 Aug 27 j 18:52	0°♍		
evening max el	-3123 Sep 09 j 05:46	15°♍07'09	23°37'07	
retrograde	-3123 Sep 19 j 20:12	21°♍23'01		
evening set	-3123 Sep 24 j 21:29	19°♍17'00		
inferior conj	-3123 Sep 30 j 06:14	12°♍55'26	0°-16'-40	
minimum elong	-3123 Sep 30 j 06:38	12°♍54'05	0°16'30	
min. Earth dist.	-3123 Sep 29 j 20:18	13°♍29'25	0.67427 AU	
asc. node	-3123 Oct 01 j 01:40	11°♍49'19		
morning rise	-3123 Oct 05 j 15:53	6°♍43'28		
direct	-3123 Oct 09 j 16:26	5°♍12'29		
morning max el	-3123 Oct 18 j 04:11	10°♍12'09	21°07'37	
greatest brilliancy	-3123 Oct 23 j 16:48	16°♍38'54	-0.5m	
	-3123 Nov 02 j 07:53	0°♎		
desc. node	-3123 Nov 11 j 22:20	14°♎22'11		
morning set	-3123 Nov 17 j 07:18	22°♎41'21		
	-3123 Nov 21 j 22:05	0°♏		
max. Earth dist.	-3123 Nov 25 j 11:46	5°♏46'18	1.42530 AU	
superior conj	-3123 Dec 02 j 13:21	17°♏33'04	-1°-47'-32	
minimum elong	-3123 Dec 02 j 08:58	17°♏14'24	1°47'22	
	-3123 Dec 09 j 17:04	0°♐		
evening rise	-3123 Dec 14 j 02:30	7°♐51'21		
	-3123 Dec 27 j 06:22	0°♑		
asc. node	-3123 Dec 28 j 00:46	1°♑01'41		
evening max el	-3123 Dec 30 j 20:25	4°♑17'25	18°07'57	
retrograde	-3122 Jan 06 j 12:54	7°♑44'44		
evening set	-3122 Jan 09 j 04:28	7°♑12'13		
inferior conj	-3122 Jan 15 j 20:08	2°♑09'23	4°00'10	
minimum elong	-3122 Jan 15 j 19:33	2°♑10'47	4°00'02	
	-3122 Jan 18 j 01:08	30°℞♐		
min. Earth dist.	-3122 Jan 18 j 20:36	29°♐13'55	0.61546 AU	
morning rise	-3122 Jan 22 j 08:14	26°♐21'39		
direct	-3122 Jan 29 j 07:48	23°♐55'30		
desc. node	-3122 Feb 07 j 21:40	27°♐47'00		
	-3122 Feb 10 j 14:26	0°♑		
morning max el	-3122 Feb 12 j 09:15	1°♑40'29	27°39'36	
	-3122 Mar 05 j 02:32	0°♒		
morning set	-3122 Mar 17 j 01:40	22°♒25'47		
	-3122 Mar 20 j 16:34	0°♓		
max. Earth dist.	-3122 Mar 23 j 03:14	5°♓15'20	1.32677 AU	
superior conj	-3122 Mar 24 j 09:47	8°♓01'11	0°-16'-43	
minimum elong	-3122 Mar 24 j 10:32	8°♓05'20	0°16'36	
asc. node	-3122 Mar 26 j 00:09	11°♓30'18		
evening rise	-3122 Mar 31 j 10:06	23°♓10'26		
	-3122 Apr 03 j 17:38	0°♈		
	-3122 Apr 22 j 10:40	0°♉		
evening max el	-3122 Apr 26 j 05:14	4°♉00'16	24°46'52	
desc. node	-3122 May 06 j 20:33	10°♉39'29		
retrograde	-3122 May 10 j 05:19	11°♉05'43		
evening set	-3122 May 15 j 03:06	10°♉10'51		
min. Earth dist.	-3122 May 20 j 17:20	7°♉15'58	0.57198 AU	
inferior conj	-3122 May 23 j 15:13	5°♉20'58	-3°-52'-54	
minimum elong	-3122 May 23 j 10:17	5°♉29'09	3°52'02	
morning rise	-3122 May 31 j 21:34	1°♉11'39		
direct	-3122 Jun 03 j 09:20	0°♉53'58		
morning max el	-3122 Jun 12 j 11:06	5°♉07'36	19°16'12	
asc. node	-3122 Jun 21 j 23:36	18°♉04'58		
	-3122 Jun 28 j 08:37	0°♊		
morning set	-3122 Jun 29 j 11:05	2°♊10'46		

superior conj	-3122 Jul 07 j 18:32	18°♊39'27	1°47'41	
minimum elong	-3122 Jul 07 j 17:38	18°♊35'01	1°47'47	
	-3122 Jul 13 j 18:21	0°♋		
max. Earth dist.	-3122 Jul 14 j 01:27	0°♋32'33	1.38071 AU	
evening rise	-3122 Jul 17 j 22:56	7°♋31'55		
	-3122 Jul 31 j 16:51	0°♌		
desc. node	-3122 Aug 02 j 19:40	3°♌10'42		
evening max el	-3122 Aug 22 j 16:57	28°♌37'57	24°55'50	
	-3122 Aug 24 j 03:26	0°♍		
retrograde	-3122 Sep 03 j 08:43	5°♍24'59		
evening set	-3122 Sep 09 j 01:02	3°♍00'40		
	-3122 Sep 11 j 21:34	30°℞♌		
min. Earth dist.	-3122 Sep 13 j 14:48	27°♌48'23	0.67104 AU	
inferior conj	-3122 Sep 14 j 11:20	26°♌40'27	-1°-10'-34	
minimum elong	-3122 Sep 14 j 13:01	26°♌34'53	1°09'50	
asc. node	-3122 Sep 17 j 22:45	22°♌25'38		
morning rise	-3122 Sep 20 j 01:24	20°♌35'32		
direct	-3122 Sep 23 j 14:11	19°♌23'20		
morning max el	-3122 Oct 01 j 04:16	23°♌46'29	19°57'41	
	-3122 Oct 06 j 09:51	0°♍		
greatest brilliancy	-3122 Oct 08 j 16:54	3°♍06'54	-0.6m	
	-3122 Oct 26 j 15:23	0°♎		
morning set	-3122 Oct 27 j 04:57	0°♎52'31		
desc. node	-3122 Oct 29 j 19:16	4°♎54'25		
max. Earth dist.	-3122 Nov 07 j 22:38	19°♎17'51	1.43963 AU	
superior conj	-3122 Nov 12 j 20:31	27°♎12'08	-1°-22'-9	
minimum elong	-3122 Nov 12 j 13:17	26°♎42'47	1°21'30	
	-3122 Nov 14 j 13:43	0°♏		
evening rise	-3122 Nov 26 j 06:25	19°♏35'50		
	-3122 Dec 02 j 08:40	0°♐		
evening max el	-3122 Dec 14 j 09:01	17°♐33'45	18°15'36	
asc. node	-3122 Dec 14 j 21:49	18°♐05'09		
retrograde	-3122 Dec 20 j 21:43	21°♐04'59		
evening set	-3122 Dec 23 j 17:03	20°♐23'48		
inferior conj	-3122 Dec 29 j 22:34	15°♐00'26	3°47'00	
minimum elong	-3122 Dec 29 j 20:17	15°♐06'40	3°46'35	
min. Earth dist.	-3121 Jan 01 j 09:07	12°♐20'50	0.63388 AU	
morning rise	-3121 Jan 04 j 21:54	9°♐01'36		
direct	-3121 Jan 11 j 22:34	6°♐15'42		
morning max el	-3121 Jan 25 j 16:12	14°♐01'12	27°38'43	
desc. node	-3121 Jan 25 j 18:43	14°♐07'25		
	-3121 Feb 07 j 15:55	0°♑		
	-3121 Feb 25 j 14:45	0°♒		
morning set	-3121 Mar 01 j 01:04	6°♒42'01		
max. Earth dist.	-3121 Mar 06 j 09:24	17°♒42'44	1.33217 AU	
superior conj	-3121 Mar 08 j 18:03	22°♒44'35	0°-42'-4	
minimum elong	-3121 Mar 08 j 19:56	22°♒54'44	0°41'46	
	-3121 Mar 12 j 02:54	0°♓		
asc. node	-3121 Mar 12 j 21:10	1°♓38'18		
evening rise	-3121 Mar 15 j 21:45	8°♓04'41		
	-3121 Mar 27 j 12:33	0°♈		
evening max el	-3121 Apr 07 j 21:06	14°♈42'17	23°13'36	
retrograde	-3121 Apr 21 j 07:55	21°♈21'34		
desc. node	-3121 Apr 23 j 17:39	21°♈08'47		
evening set	-3121 Apr 24 j 21:31	20°♈53'45		
min. Earth dist.	-3121 May 02 j 07:37	17°♈33'09	0.55775 AU	
inferior conj	-3121 May 04 j 01:43	16°♈31'23	-2°-42'-21	
minimum elong	-3121 May 03 j 19:37	16°♈40'22	2°40'37	
morning rise	-3121 May 12 j 20:48	12°♈34'10		
direct	-3121 May 15 j 10:31	12°♈18'05		
morning max el	-3121 May 26 j 02:18	17°♈15'23	20°23'34	
	-3121 Jun 04 j 18:51	0°♉		
asc. node	-3121 Jun 08 j 20:38	7°♉16'18		
morning set	-3121 Jun 13 j 15:55	16°♉44'59		
	-3121 Jun 20 j 02:50	0°♊		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3121 Jun 21 j 09:55	2°♊37'57	1°39'44
minimum elong	-3121 Jun 21 j 07:45	2°♊27'01	1°39'40
max. Earth dist.	-3121 Jun 26 j 07:29	12°♊20'35	1.36282 AU
evening rise	-3121 Jun 30 j 10:15	20°♊07'21	
	-3121 Jul 05 j 23:05	0°♋	
desc. node	-3121 Jul 20 j 16:43	23°♋10'40	
	-3121 Jul 25 j 16:17	0°♌	
evening max el	-3121 Aug 05 j 04:04	12°♌11'09	26°04'53
retrograde	-3121 Aug 17 j 16:29	19°♌19'17	
evening set	-3121 Aug 23 j 23:32	16°♌40'14	
min. Earth dist.	-3121 Aug 28 j 04:58	12°♌05'48	0.66452 AU
inferior conj	-3121 Aug 29 j 13:08	10°♌24'55	-2°-3'-6
minimum elong	-3121 Aug 29 j 16:00	10°♌15'56	2°01'58
morning rise	-3121 Sep 04 j 09:14	4°♌30'26	
asc. node	-3121 Sep 04 j 19:49	4°♌15'40	
direct	-3121 Sep 07 j 12:29	3°♌33'52	
morning max el	-3121 Sep 14 j 11:19	7°♌29'12	19°02'08
	-3121 Sep 30 j 10:11	0°♍	
morning set	-3121 Oct 06 j 15:43	9°♍48'17	
desc. node	-3121 Oct 16 j 16:15	25°♍34'29	
	-3121 Oct 19 j 11:45	0°♎	
max. Earth dist.	-3121 Oct 21 j 15:12	3°♎22'41	1.44756 AU
superior conj	-3121 Oct 23 j 03:46	5°♎47'02	0°-40'-36
minimum elong	-3121 Oct 22 j 22:39	5°♎26'49	0°39'59
evening rise	-3121 Nov 07 j 11:58	0°♏22'02	
	-3121 Nov 07 j 06:33	0°♏	
	-3121 Nov 26 j 23:40	0°♐	
evening max el	-3121 Nov 27 j 20:56	0°♐57'09	18°41'27
asc. node	-3121 Dec 01 j 18:53	4°♐00'17	
retrograde	-3121 Dec 04 j 13:52	4°♐42'43	
evening set	-3121 Dec 07 j 14:15	3°♐51'18	
	-3121 Dec 11 j 22:29	30°℞♏	
inferior conj	-3121 Dec 13 j 11:59	28°♏09'47	3°19'12
minimum elong	-3121 Dec 13 j 08:58	28°♏18'51	3°18'26
min. Earth dist.	-3121 Dec 15 j 07:31	25°♏59'14	0.64904 AU
morning rise	-3121 Dec 19 j 02:34	22°♏02'39	
direct	-3121 Dec 25 j 20:00	19°♏12'17	
morning max el	-3120 Jan 08 j 01:40	26°♏51'01	27°04'17
	-3120 Jan 11 j 01:08	0°♐	
desc. node	-3120 Jan 12 j 15:45	1°♐50'31	
	-3120 Feb 01 j 06:25	0°♑	
morning set	-3120 Feb 12 j 15:00	20°♑25'14	
	-3120 Feb 17 j 10:43	0°♒	
max. Earth dist.	-3120 Feb 17 j 06:24	29°♑38'01	1.34177 AU
superior conj	-3120 Feb 20 j 21:44	7°♒09'26	-1°-6'-20
minimum elong	-3120 Feb 21 j 00:34	7°♒24'13	1°05'57
asc. node	-3120 Feb 27 j 18:12	21°♒37'12	
evening rise	-3120 Feb 28 j 08:05	22°♒49'35	
	-3120 Mar 02 j 20:38	0°♓	
evening max el	-3120 Mar 19 j 17:19	25°♓31'17	21°41'18
	-3120 Mar 25 j 22:10	0°♈	
retrograde	-3120 Mar 31 j 23:47	1°♈27'25	
evening set	-3120 Apr 03 j 14:43	1°♈11'57	
	-3120 Apr 07 j 10:14	30°℞♓	
desc. node	-3120 Apr 09 j 14:45	28°♓58'26	
inferior conj	-3120 Apr 12 j 22:46	27°♓09'33	0°-55'-42
minimum elong	-3120 Apr 12 j 20:11	27°♓13'12	0°54'49
min. Earth dist.	-3120 Apr 12 j 21:13	27°♓11'44	0.55139 AU
morning rise	-3120 Apr 22 j 02:18	23°♓09'38	
direct	-3120 Apr 24 j 23:24	22°♓51'21	
morning max el	-3120 May 07 j 06:37	28°♓41'05	21°49'09
	-3120 May 08 j 14:44	0°♈	
asc. node	-3120 May 25 j 17:40	26°♈51'46	
	-3120 May 27 j 06:43	0°♉	
morning set	-3120 May 28 j 01:03	1°♉34'37	

superior conj	-3120 Jun 04 j 10:06	17°♉04'37	1°25'55
minimum elong	-3120 Jun 04 j 07:28	16°♉50'52	1°25'39
max. Earth dist.	-3120 Jun 07 j 22:06	24°♉17'57	1.34808 AU
	-3120 Jun 10 j 18:27	0°♊	
evening rise	-3120 Jun 12 j 14:28	3°♊34'18	
	-3120 Jun 27 j 19:19	0°♋	
desc. node	-3120 Jul 06 j 13:46	12°♋42'21	
evening max el	-3120 Jul 17 j 15:31	25°♋38'58	26°56'21
	-3120 Jul 22 j 20:33	0°♌	
retrograde	-3120 Jul 30 j 19:09	2°♌58'32	
evening set	-3120 Aug 06 j 14:38	0°♌11'54	
	-3120 Aug 06 j 20:20	30°℞♋	
min. Earth dist.	-3120 Aug 10 j 12:21	26°♋16'10	0.65433 AU
inferior conj	-3120 Aug 12 j 09:33	24°♋04'39	-2°-52'-19
minimum elong	-3120 Aug 12 j 13:18	23°♋53'47	2°51'04
morning rise	-3120 Aug 18 j 13:11	18°♋23'58	
direct	-3120 Aug 21 j 09:14	17°♋39'43	
asc. node	-3120 Aug 21 j 16:54	17°♋40'17	
morning max el	-3120 Aug 27 j 23:31	21°♋16'18	18°22'42
	-3120 Sep 03 j 17:22	0°♌	
morning set	-3120 Sep 16 j 04:52	20°♌02'01	
	-3120 Sep 22 j 07:53	0°♍	
superior conj	-3120 Oct 01 j 03:49	14°♍06'36	0°08'55
minimum elong	-3120 Oct 01 j 04:58	14°♍11'09	0°08'48
behind sun begin	-3120 Sep 30 j 19:27	13°♍33'30	
behind sun end	-3120 Oct 01 j 14:28	14°♍48'47	
desc. node	-3120 Oct 02 j 13:15	16°♍18'46	
max. Earth dist.	-3120 Oct 03 j 09:44	17°♍39'33	1.44815 AU
	-3120 Oct 11 j 06:14	0°♎	
evening rise	-3120 Oct 17 j 16:57	10°♎06'14	
	-3120 Oct 30 j 12:16	0°♏	
greatest brilliancy	-3120 Oct 31 j 21:05	2°♏03'08	-0.7m
evening max el	-3120 Nov 10 j 05:46	14°♏23'39	19°24'16
retrograde	-3120 Nov 17 j 10:01	18°♏32'30	
asc. node	-3120 Nov 17 j 15:57	18°♏32'09	
evening set	-3120 Nov 20 j 17:17	17°♏28'48	
inferior conj	-3120 Nov 26 j 09:13	11°♏32'19	2°41'21
minimum elong	-3120 Nov 26 j 06:14	11°♏41'57	2°40'23
min. Earth dist.	-3120 Nov 27 j 14:52	9°♏56'57	0.66051 AU
morning rise	-3120 Dec 01 j 18:24	5°♏19'17	
direct	-3120 Dec 07 j 23:30	2°♏36'52	
morning max el	-3120 Dec 20 j 11:18	9°♏58'09	26°03'11
desc. node	-3120 Dec 29 j 12:48	20°♏32'12	
	-3119 Jan 05 j 09:27	0°♐	
	-3119 Jan 23 j 19:02	0°♑	
morning set	-3119 Jan 25 j 15:23	3°♑23'14	
max. Earth dist.	-3119 Jan 29 j 15:52	11°♑00'13	1.35582 AU
superior conj	-3119 Feb 03 j 18:26	21°♑08'26	-1°-28'-3
minimum elong	-3119 Feb 03 j 21:43	21°♑25'08	1°27'44
	-3119 Feb 08 j 02:02	0°♒	
evening rise	-3119 Feb 11 j 15:13	7°♒18'58	
asc. node	-3119 Feb 13 j 15:15	11°♒22'18	
	-3119 Feb 24 j 05:34	0°♓	
evening max el	-3119 Mar 01 j 22:58	6°♓49'44	20°20'55
retrograde	-3119 Mar 12 j 14:25	11°♓53'55	
evening set	-3119 Mar 14 j 20:53	11°♓41'03	
inferior conj	-3119 Mar 23 j 19:29	7°♓42'36	1°00'54
minimum elong	-3119 Mar 23 j 22:08	7°♓38'41	0°59'58
min. Earth dist.	-3119 Mar 25 j 11:22	6°♓43'45	0.55439 AU
desc. node	-3119 Mar 27 j 11:50	5°♓35'22	
morning rise	-3119 Apr 01 j 21:08	3°♓21'20	
direct	-3119 Apr 05 j 12:45	2°♓52'16	
morning max el	-3119 Apr 19 j 01:56	9°♓31'36	23°26'37
	-3119 May 04 j 00:30	0°♈	
morning set	-3119 May 12 j 12:36	16°♈33'31	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3119 May 12 j 14:44	16°♈44'45	
	-3119 May 18 j 19:38	0°♉	
superior conj	-3119 May 19 j 16:14	1°♉50'26	1°07'45
minimum elong	-3119 May 19 j 13:44	1°♉37'06	1°07'24
max. Earth dist.	-3119 May 21 j 22:22	6°♉38'20	1.33706 AU
evening rise	-3119 May 27 j 06:57	17°♉39'27	
	-3119 Jun 02 j 18:27	0°♊	
	-3119 Jun 22 j 04:34	0°♋	
desc. node	-3119 Jun 23 j 10:49	1°♋33'51	
evening max el	-3119 Jun 30 j 02:21	8°♋51'04	27°22'57
retrograde	-3119 Jul 13 j 16:22	16°♋14'30	
evening set	-3119 Jul 20 j 19:20	13°♋31'26	
min. Earth dist.	-3119 Jul 24 j 11:05	10°♋11'20	0.64033 AU
inferior conj	-3119 Jul 26 j 22:08	7°♋35'08	-3°-35'-25
minimum elong	-3119 Jul 27 j 02:06	7°♋24'36	3°34'23
morning rise	-3119 Aug 02 j 10:42	2°♋11'19	
direct	-3119 Aug 05 j 01:49	1°♋36'21	
asc. node	-3119 Aug 08 j 14:00	2°♋38'30	
morning max el	-3119 Aug 11 j 14:20	5°♋02'49	18°00'25
	-3119 Aug 27 j 23:15	0°♌	
morning set	-3119 Aug 28 j 20:37	1°♌31'40	
superior conj	-3119 Sep 10 j 18:54	23°♌13'24	0°53'41
minimum elong	-3119 Sep 11 j 00:12	23°♌35'00	0°53'05
	-3119 Sep 14 j 23:32	0°♍	
max. Earth dist.	-3119 Sep 16 j 02:33	1°♍47'58	1.44156 AU
desc. node	-3119 Sep 19 j 10:14	7°♍03'50	
evening rise	-3119 Sep 27 j 02:13	19°♍01'00	
	-3119 Oct 04 j 06:22	0°♎	
greatest brilliancy	-3119 Oct 17 j 22:17	19°♎57'50	-0.6m
evening max el	-3119 Oct 24 j 09:33	27°♎50'09	20°22'14
	-3119 Oct 26 j 17:25	0°♏	
retrograde	-3119 Nov 01 j 07:25	2°♏29'41	
evening set	-3119 Nov 04 j 23:44	1°♏11'16	
asc. node	-3119 Nov 04 j 13:02	1°♏29'13	
	-3119 Nov 06 j 09:35	30°℞♎	
inferior conj	-3119 Nov 10 j 11:39	25°♎03'18	1°56'29
minimum elong	-3119 Nov 10 j 09:14	25°♎11'29	1°55'33
min. Earth dist.	-3119 Nov 11 j 04:59	24°♎04'54	0.66846 AU
morning rise	-3119 Nov 15 j 18:11	18°♎46'57	
direct	-3119 Nov 21 j 08:33	16°♎20'53	
morning max el	-3119 Dec 02 j 19:59	23°♎11'12	24°44'28
	-3119 Dec 08 j 21:07	0°♏	
desc. node	-3119 Dec 16 j 09:49	9°♏54'34	
	-3119 Dec 29 j 18:23	0°♐	
morning set	-3118 Jan 07 j 20:36	15°♐19'18	
max. Earth dist.	-3118 Jan 11 j 14:46	22°♐04'28	1.37395 AU
	-3118 Jan 15 j 20:29	0°♑	
superior conj	-3118 Jan 18 j 04:51	4°♑31'42	-1°-45'-15
minimum elong	-3118 Jan 18 j 07:46	4°♑45'52	1°45'09
evening rise	-3118 Jan 26 j 16:53	21°♑25'20	
	-3118 Jan 31 j 02:16	0°♒	
asc. node	-3118 Jan 31 j 12:17	0°♒47'11	
evening max el	-3118 Feb 12 j 15:21	18°♒44'35	19°18'11
retrograde	-3118 Feb 21 j 15:31	23°♒02'14	
evening set	-3118 Feb 23 j 22:54	22°♒46'34	
inferior conj	-3118 Mar 04 j 05:07	18°♒37'25	2°35'56
minimum elong	-3118 Mar 04 j 10:00	18°♒29'15	2°34'35
min. Earth dist.	-3118 Mar 07 j 02:31	16°♒42'10	0.56607 AU
morning rise	-3118 Mar 12 j 17:15	13°♒45'33	
desc. node	-3118 Mar 14 j 08:56	13°♒15'16	
direct	-3118 Mar 17 j 13:13	12°♒51'42	
morning max el	-3118 Mar 31 j 16:55	20°♒05'37	25°04'35
	-3118 Apr 09 j 03:11	0°♓	
	-3118 Apr 26 j 06:33	0°♈	
morning set	-3118 Apr 27 j 00:47	1°♈35'19	
asc. node	-3118 Apr 29 j 11:47	6°♈49'10	
superior conj	-3118 May 04 j 01:59	16°♈47'22	0°46'26
minimum elong	-3118 May 04 j 00:05	16°♈37'02	0°46'05
max. Earth dist.	-3118 May 05 j 06:22	19°♈21'19	1.32971 AU
	-3118 May 10 j 06:34	0°♉	
evening rise	-3118 May 11 j 08:00	2°♉10'56	
	-3118 May 26 j 15:55	0°♊	
desc. node	-3118 Jun 10 j 07:52	19°♊28'24	
evening max el	-3118 Jun 12 j 10:37	21°♊35'50	27°19'08
retrograde	-3118 Jun 26 j 07:22	28°♊58'08	
evening set	-3118 Jul 03 j 09:55	26°♊32'43	
min. Earth dist.	-3118 Jul 07 j 00:04	23°♊39'35	0.62282 AU
inferior conj	-3118 Jul 09 j 23:56	20°♊50'15	-4°-8'-14
minimum elong	-3118 Jul 10 j 03:04	20°♊42'51	4°07'43
morning rise	-3118 Jul 16 j 22:43	15°♊46'04	
direct	-3118 Jul 19 j 11:06	15°♊17'47	
morning max el	-3118 Jul 26 j 05:02	18°♊42'52	17°56'19
asc. node	-3118 Jul 26 j 11:06	18°♊57'56	
	-3118 Aug 03 j 09:53	0°♋	
morning set	-3118 Aug 11 j 09:59	14°♋03'43	
	-3118 Aug 20 j 09:40	0°♌	
superior conj	-3118 Aug 22 j 12:49	3°♌40'08	1°25'31
minimum elong	-3118 Aug 22 j 17:53	4°♌01'47	1°25'08
max. Earth dist.	-3118 Aug 29 j 15:11	15°♌31'48	1.42877 AU
evening rise	-3118 Sep 06 j 07:50	27°♌49'18	
desc. node	-3118 Sep 06 j 07:13	27°♌46'52	
	-3118 Sep 07 j 17:22	0°♍	
	-3118 Sep 28 j 02:12	0°♎	
greatest brilliancy	-3118 Oct 02 j 06:54	5°♎30'09	-0.4m
evening max el	-3118 Oct 07 j 07:21	11°♎16'30	21°32'27
retrograde	-3118 Oct 16 j 03:59	16°♎32'06	
evening set	-3118 Oct 20 j 07:38	14°♎56'24	
asc. node	-3118 Oct 22 j 10:07	12°♎55'25	
inferior conj	-3118 Oct 25 j 17:09	8°♎40'31	1°06'52
minimum elong	-3118 Oct 25 j 15:39	8°♎45'40	1°06'14
min. Earth dist.	-3118 Oct 25 j 23:28	8°♎18'43	0.67317 AU
morning rise	-3118 Oct 30 j 23:21	2°♎23'39	
direct	-3118 Nov 04 j 22:22	0°♎18'27	
morning max el	-3118 Nov 15 j 05:13	6°♎26'43	23°18'05
greatest brilliancy	-3118 Nov 20 j 13:19	12°♎27'59	-0.3m
desc. node	-3118 Dec 03 j 06:50	29°♎46'03	
	-3118 Dec 03 j 10:39	0°♏	
morning set	-3118 Dec 20 j 00:26	25°♏57'30	
	-3118 Dec 22 j 09:49	0°♐	
max. Earth dist.	-3118 Dec 24 j 10:01	3°♐27'36	1.39458 AU
superior conj	-3117 Jan 01 j 00:54	17°♐08'33	-1°-55'-15
minimum elong	-3117 Jan 01 j 02:07	17°♐14'12	1°55'20
	-3117 Jan 07 j 19:44	0°♑	
evening rise	-3117 Jan 10 j 10:27	5°♑02'19	
asc. node	-3117 Jan 18 j 09:17	19°♑45'11	
	-3117 Jan 25 j 12:53	0°♒	
evening max el	-3117 Jan 26 j 16:58	1°♒12'27	18°35'09
retrograde	-3117 Feb 03 j 10:33	4°♒58'25	
evening set	-3117 Feb 05 j 21:21	4°♒37'04	
inferior conj	-3117 Feb 13 j 10:36	0°♒08'32	3°34'27
minimum elong	-3117 Feb 13 j 14:07	0°♒01'41	3°33'49
	-3117 Feb 13 j 14:58	30°℞♑	
min. Earth dist.	-3117 Feb 16 j 19:52	27°♑31'54	0.58378 AU
morning rise	-3117 Feb 21 j 03:11	24°♑49'26	
direct	-3117 Feb 27 j 02:53	23°♑19'06	
desc. node	-3117 Mar 01 j 06:01	23°♑30'27	
	-3117 Mar 12 j 11:59	0°♒	
morning max el	-3117 Mar 13 j 09:32	0°♒51'02	26°28'06

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3117 Apr 03 j 00:58	0°♓	
morning set	-3117 Apr 11 j 11:56	16°♓33'48	
asc. node	-3117 Apr 16 j 08:47	27°♓00'09	
	-3117 Apr 17 j 17:41	0°♈	
superior conj	-3117 Apr 18 j 13:30	1°♈48'29	0°22'53
minimum elong	-3117 Apr 18 j 12:30	1°♈43'01	0°22'41
max. Earth dist.	-3117 Apr 18 j 18:52	2°♈17'55	1.32588 AU
evening rise	-3117 Apr 25 j 14:43	16°♈58'52	
	-3117 May 02 j 04:20	0°♉	
	-3117 May 22 j 00:38	0°♊	
evening max el	-3117 May 25 j 13:52	3°♊41'50	26°42'20
desc. node	-3117 May 28 j 04:56	6°♊01'32	
retrograde	-3117 Jun 08 j 14:34	11°♊00'26	
evening set	-3117 Jun 15 j 06:01	9°♊06'02	
min. Earth dist.	-3117 Jun 19 j 03:20	6°♊25'35	0.60290 AU
inferior conj	-3117 Jun 22 j 11:25	3°♊40'45	-4°-24'-23
minimum elong	-3117 Jun 22 j 12:11	3°♊39'10	4°24'18
	-3117 Jun 27 j 13:06	30°℞♉	
morning rise	-3117 Jun 29 j 21:35	28°♉58'21	
direct	-3117 Jul 02 j 09:08	28°♉34'56	
	-3117 Jul 06 j 23:39	0°♊	
morning max el	-3117 Jul 09 j 16:44	2°♊08'30	18°11'25
asc. node	-3117 Jul 13 j 08:10	6°♊22'19	
morning set	-3117 Jul 25 j 15:26	27°♊23'07	
	-3117 Jul 27 j 00:50	0°♋	
superior conj	-3117 Aug 04 j 09:02	15°♋25'16	1°43'12
minimum elong	-3117 Aug 04 j 11:42	15°♋37'17	1°43'10
max. Earth dist.	-3117 Aug 11 j 22:37	28°♋38'31	1.41147 AU
	-3117 Aug 12 j 17:55	0°♌	
evening rise	-3117 Aug 17 j 04:51	7°♌21'55	
desc. node	-3117 Aug 24 j 04:12	18°♌24'04	
	-3117 Aug 31 j 21:36	0°♍	
greatest brilliancy	-3117 Sep 15 j 00:25	19°♍09'45	-0.3m
evening max el	-3117 Sep 19 j 23:29	24°♍43'00	22°50'43
	-3117 Sep 27 j 00:58	0°♎	
retrograde	-3117 Sep 29 j 22:11	0°♎36'49	
	-3117 Oct 02 j 14:58	30°℞♍	
evening set	-3117 Oct 04 j 15:13	28°♍42'00	
asc. node	-3117 Oct 09 j 07:12	23°♍18'49	
inferior conj	-3117 Oct 09 j 23:49	22°♍21'39	0°14'17
minimum elong	-3117 Oct 09 j 23:29	22°♍22'48	0°14'08
transit middle	-3117 Oct 09 j 23:29	22°♍22'48	0°14'08
transit begin	-3117 Oct 09 j 22:08	22°♍27'28	
transit end	-3117 Oct 10 j 00:50	22°♍18'07	
min. Earth dist.	-3117 Oct 09 j 19:47	22°♍35'34	0.67478 AU
morning rise	-3117 Oct 15 j 07:42	16°♍07'12	
direct	-3117 Oct 19 j 16:05	14°♍24'03	
morning max el	-3117 Oct 28 j 18:25	19°♍47'15	21°53'05
greatest brilliancy	-3117 Nov 02 j 15:10	25°♍19'31	-0.4m
	-3117 Nov 06 j 06:06	0°♎	
desc. node	-3117 Nov 20 j 03:49	19°♎57'53	
	-3117 Nov 26 j 16:29	0°♏	
morning set	-3117 Nov 29 j 23:20	5°♏11'39	
max. Earth dist.	-3117 Dec 06 j 09:41	15°♏40'38	1.41491 AU
superior conj	-3117 Dec 14 j 01:13	28°♏45'15	-1°-54'-28
minimum elong	-3117 Dec 13 j 23:09	28°♏36'12	1°54'30
	-3117 Dec 14 j 18:12	0°♐	
evening rise	-3117 Dec 24 j 16:39	18°♐02'30	
	-3117 Dec 31 j 06:37	0°♑	
asc. node	-3116 Jan 05 j 06:19	8°♑07'48	
evening max el	-3116 Jan 10 j 01:06	14°♑05'26	18°12'13
retrograde	-3116 Jan 16 j 23:41	17°♑35'40	
evening set	-3116 Jan 19 j 13:33	17°♑07'25	
inferior conj	-3116 Jan 26 j 12:12	12°♑16'45	3°58'38
minimum elong	-3116 Jan 26 j 13:02	12°♑14'52	3°58'29
min. Earth dist.	-3116 Jan 29 j 18:25	9°♑21'35	0.60392 AU
morning rise	-3116 Feb 02 j 09:40	6°♑37'39	
direct	-3116 Feb 09 j 03:46	4°♑29'49	
desc. node	-3116 Feb 16 j 03:06	6°♑32'58	
morning max el	-3116 Feb 23 j 08:02	12°♑10'56	27°23'42
	-3116 Mar 08 j 09:45	0°♒	
	-3116 Mar 25 j 04:13	0°♓	
morning set	-3116 Mar 25 j 20:18	1°♓22'47	
max. Earth dist.	-3116 Apr 01 j 08:10	15°♓15'33	1.32547 AU
superior conj	-3116 Apr 02 j 01:06	16°♓48'05	0°-2'-3
minimum elong	-3116 Apr 02 j 01:11	16°♓48'34	0°02'04
behind sun begin	-3116 Apr 01 j 20:11	16°♓21'16	
behind sun end	-3116 Apr 02 j 06:10	17°♓15'52	
asc. node	-3116 Apr 02 j 05:47	17°♓13'44	
	-3116 Apr 08 j 03:04	0°♈	
evening rise	-3116 Apr 09 j 00:53	1°♈55'22	
	-3116 Apr 24 j 09:06	0°♉	
evening max el	-3116 May 06 j 10:37	15°♉04'55	25°35'25
desc. node	-3116 May 14 j 02:01	20°♉40'58	
retrograde	-3116 May 20 j 12:15	22°♉17'19	
evening set	-3116 May 26 j 04:23	21°♉01'05	
min. Earth dist.	-3116 May 30 j 22:50	18°♉16'10	0.58268 AU
inferior conj	-3116 Jun 03 j 04:59	15°♉57'06	-4°-14'-36
minimum elong	-3116 Jun 03 j 02:06	16°♉02'18	4°14'16
morning rise	-3116 Jun 11 j 03:45	11°♉36'53	
direct	-3116 Jun 13 j 15:28	11°♉17'16	
morning max el	-3116 Jun 21 j 22:34	15°♉11'37	18°46'39
asc. node	-3116 Jun 29 j 05:13	24°♉37'33	
	-3116 Jul 02 j 08:52	0°♊	
morning set	-3116 Jul 08 j 08:32	11°♊18'35	
superior conj	-3116 Jul 17 j 02:18	28°♊14'48	1°48'50
minimum elong	-3116 Jul 17 j 02:29	28°♊15'44	1°48'57
	-3116 Jul 18 j 00:36	0°♋	
max. Earth dist.	-3116 Jul 24 j 01:36	11°♋02'38	1.39196 AU
evening rise	-3116 Jul 28 j 03:09	18°♋07'14	
	-3116 Aug 04 j 08:07	0°♌	
desc. node	-3116 Aug 10 j 01:11	8°♌51'22	
	-3116 Aug 25 j 06:17	0°♍	
evening max el	-3116 Sep 01 j 11:40	8°♍11'32	24°11'11
retrograde	-3116 Sep 12 j 12:59	14°♍41'17	
evening set	-3116 Sep 17 j 20:46	12°♍26'58	
min. Earth dist.	-3116 Sep 22 j 15:35	6°♍54'21	0.67335 AU
inferior conj	-3116 Sep 23 j 05:59	6°♍05'39	0°-39'-36
minimum elong	-3116 Sep 23 j 06:56	6°♍02'29	0°39'11
asc. node	-3116 Sep 25 j 04:18	3°♍33'15	
morning rise	-3116 Sep 28 j 17:20	29°♌56'35	
	-3116 Sep 28 j 15:29	30°℞♌	
direct	-3116 Oct 02 j 12:38	28°♌34'01	
	-3116 Oct 06 j 17:17	0°♍	
morning max el	-3116 Oct 10 j 14:21	3°♍16'45	20°36'18
greatest brilliancy	-3116 Oct 16 j 19:34	10°♍41'56	-0.5m
	-3116 Oct 30 j 05:06	0°♎	
desc. node	-3116 Nov 06 j 00:46	10°♎24'06	
morning set	-3116 Nov 08 j 00:25	13°♎28'27	
max. Earth dist.	-3116 Nov 17 j 16:48	28°♎47'22	1.43207 AU
	-3116 Nov 18 j 10:46	0°♏	
superior conj	-3116 Nov 24 j 00:14	9°♏08'12	-1°-38'-54
minimum elong	-3116 Nov 23 j 18:16	8°♏43'22	1°38'31
evening rise	-3116 Dec 06 j 07:29	0°♐17'20	
	-3116 Dec 06 j 03:33	0°♐	
asc. node	-3116 Dec 22 j 03:22	25°♐43'52	
evening max el	-3116 Dec 23 j 12:48	27°♐14'44	18°08'55
	-3116 Dec 27 j 04:29	0°♑	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3116 Dec 30 j 02:43	0°♉42'43	
evening set	-3115 Jan 01 j 19:43	0°♉06'42	
	-3115 Jan 02 j 01:37	30°℞♐	
inferior conj	-3115 Jan 08 j 06:42	24°♐54'36	3°56'46
minimum elong	-3115 Jan 08 j 05:17	24°♐58'15	3°56'33
min. Earth dist.	-3115 Jan 11 j 01:28	22°♐03'55	0.62353 AU
morning rise	-3115 Jan 14 j 12:49	19°♐01'32	
direct	-3115 Jan 21 j 13:50	16°♐25'25	
desc. node	-3115 Feb 02 j 00:09	21°♐51'41	
morning max el	-3115 Feb 04 j 12:41	24°♐11'26	27°43'49
	-3115 Feb 09 j 19:44	0°♉	
	-3115 Mar 01 j 16:21	0°♒	
morning set	-3115 Mar 09 j 23:42	15°♒53'38	
max. Earth dist.	-3115 Mar 15 j 18:08	27°♒58'08	1.32858 AU
	-3115 Mar 16 j 16:46	0°♓	
superior conj	-3115 Mar 17 j 11:04	1°♓38'58	0°-27'-31
minimum elong	-3115 Mar 17 j 12:19	1°♓45'45	0°27'19
asc. node	-3115 Mar 20 j 02:45	7°♓24'42	
evening rise	-3115 Mar 24 j 12:28	16°♓52'07	
	-3115 Mar 31 j 01:51	0°♈	
evening max el	-3115 Apr 18 j 02:31	25°♈54'16	24°07'50
	-3115 Apr 23 j 04:59	0°♉	
desc. node	-3115 Apr 30 j 23:06	2°♉49'10	
retrograde	-3115 May 01 j 22:32	2°♉51'21	
evening set	-3115 May 06 j 06:28	2°♉09'32	
	-3115 May 11 j 00:49	30°℞♈	
min. Earth dist.	-3115 May 12 j 14:03	29°♈05'09	0.56519 AU
inferior conj	-3115 May 15 j 02:24	27°♈31'08	-3°-28'-9
minimum elong	-3115 May 14 j 20:27	27°♈40'27	3°26'49
morning rise	-3115 May 23 j 14:25	23°♈28'45	
direct	-3115 May 26 j 02:41	23°♈12'05	
morning max el	-3115 Jun 04 j 19:49	27°♈42'12	19°42'27
	-3115 Jun 07 j 01:14	0°♉	
asc. node	-3115 Jun 16 j 02:15	13°♉31'00	
morning set	-3115 Jun 22 j 09:49	25°♉40'27	
	-3115 Jun 24 j 13:16	0°♊	
superior conj	-3115 Jun 30 j 10:56	11°♊52'04	1°45'10
minimum elong	-3115 Jun 30 j 09:23	11°♊44'26	1°45'11
max. Earth dist.	-3115 Jul 06 j 04:15	22°♊54'26	1.37278 AU
evening rise	-3115 Jul 10 j 02:14	0°♋05'37	
	-3115 Jul 10 j 00:59	0°♋	
desc. node	-3115 Jul 27 j 22:13	29°♋03'22	
	-3115 Jul 28 j 13:48	0°♌	
evening max el	-3115 Aug 14 j 22:25	21°♌43'15	25°26'47
retrograde	-3115 Aug 26 j 23:42	28°♌41'12	
evening set	-3115 Sep 01 j 22:28	26°♌09'41	
min. Earth dist.	-3115 Sep 06 j 08:30	21°♌13'25	0.66867 AU
inferior conj	-3115 Sep 07 j 09:56	19°♌50'56	-1°-33'-10
minimum elong	-3115 Sep 07 j 12:09	19°♌43'47	1°32'14
asc. node	-3115 Sep 12 j 01:24	14°♌36'36	
morning rise	-3115 Sep 13 j 02:24	13°♌50'16	
direct	-3115 Sep 16 j 10:45	12°♌45'21	
morning max el	-3115 Sep 23 j 17:42	16°♌55'45	19°32'11
greatest brilliancy	-3115 Oct 02 j 16:02	28°♌24'25	-0.7m
	-3115 Oct 03 j 18:12	0°♍	
morning set	-3115 Oct 18 j 01:03	21°♍51'51	
	-3115 Oct 23 j 06:17	0°♎	
desc. node	-3115 Oct 23 j 21:45	1°♎00'30	
max. Earth dist.	-3115 Oct 31 j 06:16	12°♎34'55	1.44378 AU
superior conj	-3115 Nov 03 j 20:06	18°♎16'35	-1°-6'-12
minimum elong	-3115 Nov 03 j 13:01	17°♎48'13	1°05'27
	-3115 Nov 11 j 01:54	0°♏	
evening rise	-3115 Nov 18 j 02:27	11°♏38'25	
	-3115 Nov 29 j 05:14	0°♐	

evening max el	-3115 Dec 07 j 01:23	10°♐34'39	18°24'27
asc. node	-3115 Dec 09 j 00:26	12°♐20'25	
retrograde	-3115 Dec 13 j 15:10	14°♐11'11	
evening set	-3115 Dec 16 j 12:20	13°♐26'03	
inferior conj	-3115 Dec 22 j 14:17	7°♐54'43	3°36'41
minimum elong	-3115 Dec 22 j 11:35	8°♐02'25	3°36'08
min. Earth dist.	-3115 Dec 24 j 18:28	5°♐25'59	0.64068 AU
morning rise	-3115 Dec 28 j 09:23	1°♐51'45	
	-3115 Dec 31 j 05:43	30°℞♏	
direct	-3114 Jan 04 j 07:42	29°♏02'01	
	-3114 Jan 08 j 16:36	0°♐	
morning max el	-3114 Jan 17 j 21:13	6°♐46'46	27°27'54
desc. node	-3114 Jan 19 j 21:12	8°♐50'56	
	-3114 Feb 04 j 18:35	0°♉	
morning set	-3114 Feb 21 j 19:32	29°♉57'28	
	-3114 Feb 21 j 20:03	0°♒	
max. Earth dist.	-3114 Feb 26 j 20:44	10°♒12'26	1.33566 AU
superior conj	-3114 Mar 01 j 17:39	16°♒15'19	0°-52'-34
minimum elong	-3114 Mar 01 j 19:58	16°♒27'41	0°52'13
asc. node	-3114 Mar 06 j 23:47	27°♒29'19	
	-3114 Mar 08 j 04:12	0°♓	
evening rise	-3114 Mar 08 j 23:46	1°♓42'54	
	-3114 Mar 25 j 01:02	0°♈	
evening max el	-3114 Mar 30 j 19:23	6°♈35'46	22°33'28
retrograde	-3114 Apr 12 j 20:27	12°♈59'06	
evening set	-3114 Apr 15 j 22:22	12°♈38'16	
desc. node	-3114 Apr 17 j 20:12	12°♈05'50	
min. Earth dist.	-3114 Apr 24 j 04:08	9°♈02'36	0.55394 AU
inferior conj	-3114 Apr 25 j 05:59	8°♈25'41	-2°00'-26
minimum elong	-3114 Apr 25 j 00:50	8°♈33'03	1°58'49
morning rise	-3114 May 04 j 05:32	4°♈29'21	
direct	-3114 May 06 j 21:03	4°♈13'09	
morning max el	-3114 May 18 j 06:28	9°♈32'43	20°57'57
	-3114 Jun 01 j 11:03	0°♉	
asc. node	-3114 Jun 02 j 23:17	2°♉53'25	
morning set	-3114 Jun 06 j 16:42	10°♉21'43	
superior conj	-3114 Jun 14 j 06:27	26°♉03'53	1°34'30
minimum elong	-3114 Jun 14 j 04:00	25°♉51'19	1°34'20
	-3114 Jun 16 j 04:45	0°♊	
max. Earth dist.	-3114 Jun 18 j 13:09	4°♊42'08	1.35611 AU
evening rise	-3114 Jun 22 j 21:22	13°♊04'54	
	-3114 Jul 02 j 10:46	0°♋	
desc. node	-3114 Jul 14 j 19:16	18°♋52'36	
	-3114 Jul 23 j 11:43	0°♌	
evening max el	-3114 Jul 28 j 09:38	5°♌15'06	26°29'27
retrograde	-3114 Aug 10 j 05:34	12°♌29'57	
evening set	-3114 Aug 16 j 18:10	9°♌46'38	
min. Earth dist.	-3114 Aug 20 j 20:11	5°♌28'33	0.66057 AU
inferior conj	-3114 Aug 22 j 09:44	3°♌34'06	-2°-24'-36
minimum elong	-3114 Aug 22 j 13:02	3°♌24'04	2°23'22
	-3114 Aug 25 j 12:56	30°℞♋	
morning rise	-3114 Aug 28 j 08:51	27°♋44'56	
asc. node	-3114 Aug 29 j 22:30	27°♋05'38	
direct	-3114 Aug 31 j 08:39	26°♋54'08	
	-3114 Sep 06 j 10:30	0°♌	
morning max el	-3114 Sep 07 j 03:12	0°♌40'53	18°43'15
	-3114 Sep 27 j 02:33	0°♍	
morning set	-3114 Sep 27 j 22:16	1°♍18'49	
desc. node	-3114 Oct 10 j 18:45	21°♍42'52	
superior conj	-3114 Oct 13 j 21:33	26°♍37'29	0°-19'-49
minimum elong	-3114 Oct 13 j 18:56	26°♍27'11	0°19'28
max. Earth dist.	-3114 Oct 13 j 23:34	26°♍45'25	1.44868 AU
	-3114 Oct 16 j 00:59	0°♎	
evening rise	-3114 Oct 29 j 21:29	21°♎57'37	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3114 Nov 03 j 22:04	0°♏	
evening max el	-3114 Nov 20 j 12:17	23°♏59'50	18°57'44
asc. node	-3114 Nov 25 j 21:31	27°♏41'49	
retrograde	-3114 Nov 27 j 09:16	27°♏54'12	
evening set	-3114 Nov 30 j 12:17	26°♏57'58	
inferior conj	-3114 Dec 06 j 07:21	21°♏09'59	3°04'09
minimum elong	-3114 Dec 06 j 04:16	21°♏19'33	3°03'16
min. Earth dist.	-3114 Dec 07 j 20:54	19°♏13'41	0.65440 AU
morning rise	-3114 Dec 11 j 19:16	15°♏00'04	
direct	-3114 Dec 18 j 08:03	12°♏11'24	
morning max el	-3114 Dec 31 j 06:47	19°♏44'35	26°40'57
desc. node	-3113 Jan 06 j 18:15	27°♏01'13	
	-3113 Jan 09 j 02:45	0°♐	
	-3113 Jan 28 j 19:31	0°♑	
morning set	-3113 Feb 05 j 04:15	13°♑22'48	
max. Earth dist.	-3113 Feb 09 j 12:32	21°♑50'35	1.34715 AU
superior conj	-3113 Feb 13 j 18:41	0°♒30'02	-1°-15'-58
minimum elong	-3113 Feb 13 j 21:47	0°♒46'03	1°15'36
	-3113 Feb 13 j 12:52	0°♒	
evening rise	-3113 Feb 21 j 08:56	16°♒21'30	
asc. node	-3113 Feb 21 j 20:50	17°♒22'51	
	-3113 Feb 28 j 07:45	0°♓	
evening max el	-3113 Mar 12 j 19:22	17°♓36'00	21°05'19
retrograde	-3113 Mar 24 j 09:59	23°♓09'40	
evening set	-3113 Mar 26 j 19:37	22°♓56'16	
desc. node	-3113 Apr 04 j 17:16	19°♓09'14	
inferior conj	-3113 Apr 05 j 01:05	18°♓58'11	0°-5'-27
minimum elong	-3113 Apr 05 j 00:49	18°♓58'32	0°05'24
transit middle	-3113 Apr 05 j 00:49	18°♓58'32	0°05'24
transit begin	-3113 Apr 04 j 20:58	19°♓04'00	
transit end	-3113 Apr 05 j 04:40	18°♓53'05	
min. Earth dist.	-3113 Apr 05 j 18:07	18°♓34'01	0.55149 AU
morning rise	-3113 Apr 14 j 05:15	14°♓50'54	
direct	-3113 Apr 17 j 08:53	14°♓29'15	
morning max el	-3113 Apr 30 j 06:27	20°♓41'49	22°29'39
	-3113 May 08 j 02:02	0°♈	
asc. node	-3113 May 20 j 20:20	22°♈37'25	
morning set	-3113 May 22 j 03:07	25°♈16'29	
	-3113 May 24 j 09:03	0°♉	
superior conj	-3113 May 29 j 09:29	10°♉40'08	1°18'40
minimum elong	-3113 May 29 j 06:51	10°♉26'11	1°18'22
max. Earth dist.	-3113 Jun 01 j 08:04	16°♉49'36	1.34296 AU
evening rise	-3113 Jun 06 j 07:23	26°♉50'36	
	-3113 Jun 07 j 22:32	0°♊	
	-3113 Jun 25 j 18:09	0°♋	
desc. node	-3113 Jul 01 j 16:19	8°♋09'28	
evening max el	-3113 Jul 10 j 21:17	18°♋39'12	27°11'09
retrograde	-3113 Jul 24 j 05:58	26°♋00'44	
evening set	-3113 Jul 31 j 05:15	23°♋14'28	
min. Earth dist.	-3113 Aug 04 j 00:16	19°♋34'12	0.64884 AU
inferior conj	-3113 Aug 06 j 03:11	17°♋11'29	-3°-11'-34
minimum elong	-3113 Aug 06 j 07:07	17°♋00'26	3°10'22
morning rise	-3113 Aug 12 j 10:26	11°♋37'15	
direct	-3113 Aug 15 j 04:07	10°♋57'14	
asc. node	-3113 Aug 16 j 19:35	11°♋11'39	
morning max el	-3113 Aug 21 j 16:46	14°♋28'32	18°10'58
	-3113 Sep 01 j 16:17	0°♌	
morning set	-3113 Sep 08 j 23:16	12°♌07'01	
	-3113 Sep 19 j 20:17	0°♍	
superior conj	-3113 Sep 23 j 01:37	5°♍10'40	0°29'10
minimum elong	-3113 Sep 23 j 05:05	5°♍24'31	0°28'44
max. Earth dist.	-3113 Sep 26 j 17:50	11°♍01'27	1.44627 AU
desc. node	-3113 Sep 27 j 15:46	12°♍28'07	
	-3113 Oct 08 j 20:47	0°♎	
evening rise	-3113 Oct 09 j 16:50	1°♎17'47	
greatest brilliancy	-3113 Oct 26 j 23:45	27°♎32'19	-0.6m
	-3113 Oct 28 j 17:54	0°♏	
evening max el	-3113 Nov 03 j 19:15	7°♏27'02	19°47'14
retrograde	-3113 Nov 11 j 06:06	11°♏47'36	
asc. node	-3113 Nov 12 j 18:36	11°♏34'13	
evening set	-3113 Nov 14 j 17:02	10°♏37'51	
inferior conj	-3113 Nov 20 j 07:04	4°♏36'14	2°23'00
minimum elong	-3113 Nov 20 j 04:16	4°♏45'28	2°22'00
min. Earth dist.	-3113 Nov 21 j 07:17	3°♏16'36	0.66442 AU
	-3113 Nov 23 j 23:30	30°℞♎	
morning rise	-3113 Nov 25 j 14:50	28°♎21'43	
direct	-3113 Dec 01 j 13:58	25°♎45'25	
	-3113 Dec 10 j 12:26	0°♏	
morning max el	-3113 Dec 13 j 15:45	2°♏54'17	25°31'09
desc. node	-3113 Dec 24 j 15:18	16°♏01'54	
	-3112 Jan 03 j 08:10	0°♐	
morning set	-3112 Jan 18 j 21:09	25°♐55'59	
	-3112 Jan 21 j 02:15	0°♑	
max. Earth dist.	-3112 Jan 22 j 16:57	3°♑01'28	1.36314 AU
superior conj	-3112 Jan 28 j 11:26	14°♑15'05	-1°-36'-3
minimum elong	-3112 Jan 28 j 14:42	14°♑31'21	1°35'49
	-3112 Feb 05 j 05:45	0°♒	
evening rise	-3112 Feb 05 j 14:01	0°♒41'50	
asc. node	-3112 Feb 08 j 17:51	7°♒00'02	
evening max el	-3112 Feb 23 j 05:37	29°♒09'37	19°51'52
	-3112 Feb 24 j 03:46	0°♓	
retrograde	-3112 Mar 04 j 03:21	3°♓52'20	
evening set	-3112 Mar 06 j 09:48	3°♓38'36	
	-3112 Mar 14 j 10:53	30°℞♒	
inferior conj	-3112 Mar 15 j 01:48	29°♒37'02	1°45'16
minimum elong	-3112 Mar 15 j 05:55	29°♒30'39	1°43'57
min. Earth dist.	-3112 Mar 17 j 08:15	28°♒13'14	0.55841 AU
desc. node	-3112 Mar 21 j 14:21	25°♒56'21	
morning rise	-3112 Mar 23 j 22:58	25°♒03'31	
direct	-3112 Mar 28 j 02:09	24°♒25'42	
	-3112 Apr 09 j 11:14	0°♓	
morning max el	-3112 Apr 10 j 22:58	1°♓21'14	24°09'12
	-3112 Apr 30 j 12:49	0°♈	
morning set	-3112 May 05 j 15:08	10°♈17'35	
asc. node	-3112 May 06 j 17:22	12°♈35'56	
superior conj	-3112 May 12 j 17:23	25°♈31'30	0°59'02
minimum elong	-3112 May 12 j 15:06	25°♈19'09	0°58'41
max. Earth dist.	-3112 May 14 j 12:14	29°♈21'42	1.33350 AU
	-3112 May 14 j 19:24	0°♉	
evening rise	-3112 May 20 j 03:53	11°♉08'23	
	-3112 May 30 j 05:20	0°♊	
desc. node	-3112 Jun 17 j 13:21	26°♊39'26	
	-3112 Jun 20 j 14:31	0°♋	
evening max el	-3112 Jun 22 j 07:28	1°♋41'59	27°25'17
retrograde	-3112 Jul 06 j 00:20	9°♋04'24	
evening set	-3112 Jul 13 j 04:25	6°♋27'09	
min. Earth dist.	-3112 Jul 16 j 18:49	3°♋20'01	0.63335 AU
inferior conj	-3112 Jul 19 j 11:34	0°♋36'43	-3°-50'-53
minimum elong	-3112 Jul 19 j 15:21	0°♋27'10	3°50'03
	-3112 Jul 20 j 02:10	30°℞♊	
morning rise	-3112 Jul 26 j 04:20	25°♊20'48	
direct	-3112 Jul 28 j 18:09	24°♊48'47	
asc. node	-3112 Aug 02 j 16:40	26°♊46'31	
morning max el	-3112 Aug 04 j 07:51	28°♊13'12	17°56'22
	-3112 Aug 05 j 23:09	0°♋	
morning set	-3112 Aug 21 j 00:56	24°♋05'38	
	-3112 Aug 24 j 10:11	0°♌	
superior conj	-3112 Sep 02 j 03:31	14°♌49'56	1°08'58

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3112 Sep 02 j 09:10	15°♌13'22	1°08'25
max. Earth dist.	-3112 Sep 08 j 09:45	25°♌03'50	1.43688 AU
	-3112 Sep 11 j 11:55	0°♍	
desc. node	-3112 Sep 13 j 12:45	3°♍12'54	
evening rise	-3112 Sep 17 j 22:09	10°♍03'56	
	-3112 Oct 01 j 02:31	0°♎	
greatest brilliancy	-3112 Oct 11 j 03:04	14°♎06'22	-0.5m
evening max el	-3112 Oct 16 j 20:34	20°♎53'47	20°50'48
retrograde	-3112 Oct 25 j 03:22	25°♎47'54	
evening set	-3112 Oct 29 j 00:21	24°♎22'10	
asc. node	-3112 Oct 29 j 15:40	23°♎51'27	
inferior conj	-3112 Nov 03 j 11:03	18°♎10'17	1°35'54
minimum elong	-3112 Nov 03 j 08:58	18°♎17'20	1°35'03
min. Earth dist.	-3112 Nov 03 j 23:28	17°♎27'53	0.67088 AU
morning rise	-3112 Nov 08 j 17:12	11°♎53'35	
direct	-3112 Nov 14 j 00:57	9°♎36'21	
morning max el	-3112 Nov 25 j 00:30	16°♎09'12	24°08'08
	-3112 Dec 06 j 11:07	0°♏	
desc. node	-3112 Dec 10 j 12:19	5°♏38'12	
	-3112 Dec 26 j 07:53	0°♐	
morning set	-3112 Dec 30 j 16:20	7°♐21'11	
max. Earth dist.	-3111 Jan 03 j 13:53	14°♐12'08	1.38259 AU
superior conj	-3111 Jan 10 j 16:21	27°♐20'38	-1°-50'-35
minimum elong	-3111 Jan 10 j 18:44	27°♐32'00	1°50'34
	-3111 Jan 12 j 01:35	0°♑	
evening rise	-3111 Jan 19 j 12:38	14°♑37'27	
asc. node	-3111 Jan 25 j 14:52	26°♑14'58	
	-3111 Jan 27 j 18:10	0°♒	
evening max el	-3111 Feb 05 j 02:09	11°♒19'25	18°57'21
retrograde	-3111 Feb 13 j 12:04	15°♒22'03	
evening set	-3111 Feb 15 j 20:48	15°♒04'12	
inferior conj	-3111 Feb 23 j 19:33	10°♒47'05	3°05'24
minimum elong	-3111 Feb 24 j 00:11	10°♒38'50	3°04'18
min. Earth dist.	-3111 Feb 26 j 23:54	8°♒32'02	0.57303 AU
morning rise	-3111 Mar 03 j 23:41	5°♒42'46	
desc. node	-3111 Mar 08 j 11:26	4°♒36'28	
direct	-3111 Mar 09 j 07:55	4°♒34'42	
morning max el	-3111 Mar 23 j 14:09	11°♒57'37	25°42'54
	-3111 Apr 06 j 12:51	0°♓	
morning set	-3111 Apr 20 j 03:06	25°♓19'07	
	-3111 Apr 22 j 07:59	0°♈	
asc. node	-3111 Apr 23 j 14:22	2°♈43'53	
superior conj	-3111 Apr 27 j 04:05	10°♈31'03	0°36'40
minimum elong	-3111 Apr 27 j 02:32	10°♈22'35	0°36'22
max. Earth dist.	-3111 Apr 27 j 22:40	12°♈12'24	1.32765 AU
evening rise	-3111 May 04 j 07:38	25°♈47'50	
	-3111 May 06 j 09:12	0°♉	
	-3111 May 23 j 19:28	0°♊	
desc. node	-3111 Jun 04 j 10:23	14°♊02'39	
evening max el	-3111 Jun 04 j 13:40	14°♊10'30	27°07'22
retrograde	-3111 Jun 18 j 12:06	21°♊31'37	
evening set	-3111 Jun 25 j 11:38	19°♊17'34	
min. Earth dist.	-3111 Jun 29 j 03:16	16°♊32'13	0.61459 AU
inferior conj	-3111 Jul 02 j 07:41	13°♊42'08	-4°-17'-36
minimum elong	-3111 Jul 02 j 10:00	13°♊36'55	4°17'18
morning rise	-3111 Jul 09 j 11:12	8°♊47'21	
direct	-3111 Jul 11 j 23:06	8°♊21'18	
morning max el	-3111 Jul 18 j 21:39	11°♊48'18	18°00'23
asc. node	-3111 Jul 20 j 13:44	13°♊35'26	
	-3111 Jul 31 j 01:40	0°♋	
morning set	-3111 Aug 03 j 21:43	6°♋59'16	
superior conj	-3111 Aug 14 j 09:09	25°♋51'48	1°34'40
minimum elong	-3111 Aug 14 j 13:19	26°♋09'58	1°34'27
	-3111 Aug 16 j 18:28	0°♌	

max. Earth dist.	-3111 Aug 21 j 20:16	8°♌33'26	1.42183 AU
evening rise	-3111 Aug 28 j 08:16	19°♌05'17	
desc. node	-3111 Aug 31 j 09:43	23°♌53'55	
	-3111 Sep 04 j 08:50	0°♍	
greatest brilliancy	-3111 Sep 24 j 21:20	28°♍55'54	-0.4m
	-3111 Sep 25 j 18:29	0°♎	
evening max el	-3111 Sep 29 j 15:39	4°♎19'26	22°05'02
retrograde	-3111 Oct 08 j 23:13	9°♎51'48	
evening set	-3111 Oct 13 j 08:20	8°♎08'00	
asc. node	-3111 Oct 16 j 12:45	4°♎45'58	
inferior conj	-3111 Oct 18 j 17:15	1°♎49'28	0°44'49
minimum elong	-3111 Oct 18 j 16:13	1°♎53'02	0°44'22
min. Earth dist.	-3111 Oct 18 j 19:03	1°♎43'14	0.67419 AU
	-3111 Oct 20 j 01:13	30°℞♍	
morning rise	-3111 Oct 23 j 23:56	25°♍33'14	
direct	-3111 Oct 28 j 16:27	23°♍37'41	
morning max el	-3111 Nov 07 j 11:10	29°♍27'07	22°41'18
	-3111 Nov 07 j 23:57	0°♎	
greatest brilliancy	-3111 Nov 12 j 04:18	4°♎44'55	-0.3m
desc. node	-3111 Nov 27 j 09:18	25°♎39'07	
	-3111 Nov 30 j 06:54	0°♏	
morning set	-3111 Dec 11 j 07:54	17°♏23'21	
max. Earth dist.	-3111 Dec 16 j 10:12	25°♏53'59	1.40339 AU
	-3111 Dec 18 j 19:25	0°♐	
superior conj	-3111 Dec 24 j 04:38	9°♐33'11	-1°-56'-28
minimum elong	-3111 Dec 24 j 04:38	9°♐33'14	1°56'35
evening rise	-3110 Jan 03 j 01:49	27°♐59'48	
	-3110 Jan 04 j 03:14	0°♑	
asc. node	-3110 Jan 12 j 11:54	14°♑59'18	
evening max el	-3110 Jan 19 j 06:51	23°♑58'46	18°22'57
retrograde	-3110 Jan 26 j 15:14	27°♑36'31	
evening set	-3110 Jan 29 j 03:11	27°♑12'31	
inferior conj	-3110 Feb 05 j 09:53	22°♑34'47	3°48'26
minimum elong	-3110 Feb 05 j 12:17	22°♑29'47	3°48'05
min. Earth dist.	-3110 Feb 08 j 19:21	19°♑47'01	0.59220 AU
morning rise	-3110 Feb 12 j 17:58	17°♑05'55	
direct	-3110 Feb 19 j 02:43	15°♑18'57	
desc. node	-3110 Feb 23 j 08:31	16°♑04'28	
morning max el	-3110 Mar 05 j 09:11	22°♑56'26	26°55'46
	-3110 Mar 11 j 16:38	0°♒	
	-3110 Mar 30 j 10:58	0°♓	
morning set	-3110 Apr 04 j 13:17	10°♓14'15	
asc. node	-3110 Apr 10 j 11:22	22°♓56'22	
superior conj	-3110 Apr 11 j 15:50	25°♓32'08	0°12'26
minimum elong	-3110 Apr 11 j 15:17	25°♓29'06	0°12'19
behind sun begin	-3110 Apr 11 j 12:08	25°♓11'52	
behind sun end	-3110 Apr 11 j 18:25	25°♓46'20	
max. Earth dist.	-3110 Apr 11 j 11:47	25°♓09'58	1.32523 AU
	-3110 Apr 13 j 16:47	0°♈	
evening rise	-3110 Apr 18 j 16:03	10°♈39'52	
	-3110 Apr 28 j 16:22	0°♉	
evening max el	-3110 May 17 j 13:58	25°♉57'15	26°17'08
desc. node	-3110 May 22 j 07:27	29°♉51'39	
	-3110 May 22 j 12:20	0°♊	
retrograde	-3110 May 31 j 15:56	3°♊14'46	
evening set	-3110 Jun 06 j 22:47	1°♊36'09	
	-3110 Jun 09 j 14:56	30°℞♉	
min. Earth dist.	-3110 Jun 11 j 02:58	28°♉55'50	0.59410 AU
inferior conj	-3110 Jun 14 j 11:55	26°♉19'01	-4°-24'-7
minimum elong	-3110 Jun 14 j 11:14	26°♉20'21	4°24'01
morning rise	-3110 Jun 22 j 03:20	21°♉46'28	
direct	-3110 Jun 24 j 14:43	21°♉24'55	
morning max el	-3110 Jul 02 j 07:16	25°♉05'53	18°23'58
	-3110 Jul 06 j 11:27	0°♊	
asc. node	-3110 Jul 07 j 10:47	1°♊23'09	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3110 Jul 18 j 08:37	20°♊35'15		
	-3110 Jul 23 j 06:58	0°♋		
superior conj	-3110 Jul 27 j 15:06	8°♋06'47	1°46'54	
minimum elong	-3110 Jul 27 j 16:39	8°♋13'58	1°46'57	
max. Earth dist.	-3110 Aug 04 j 00:56	21°♋19'54	1.40321 AU	
evening rise	-3110 Aug 08 j 15:35	29°♋07'44		
	-3110 Aug 09 j 04:14	0°♌		
desc. node	-3110 Aug 18 j 06:43	14°♌27'46		
	-3110 Aug 28 j 21:20	0°♍		
evening max el	-3110 Sep 12 j 05:47	17°♍46'58	23°25'05	
retrograde	-3110 Sep 22 j 16:14	23°♍57'19		
evening set	-3110 Sep 27 j 15:17	21°♍54'19		
inferior conj	-3110 Oct 02 j 23:57	15°♍32'57	0°-8'-29	
minimum elong	-3110 Oct 03 j 00:09	15°♍32'16	0°08'23	
transit middle	-3110 Oct 03 j 00:09	15°♍32'16	0°08'23	
transit begin	-3110 Oct 02 j 21:50	15°♍40'14		
transit end	-3110 Oct 03 j 02:29	15°♍24'18		
min. Earth dist.	-3110 Oct 02 j 15:35	16°♍01'40	0.67450 AU	
asc. node	-3110 Oct 03 j 09:51	14°♍59'05		
morning rise	-3110 Oct 08 j 09:05	9°♍20'09		
direct	-3110 Oct 12 j 11:37	7°♍45'59		
morning max el	-3110 Oct 21 j 02:59	12°♍51'38	21°19'02	
greatest brilliancy	-3110 Oct 26 j 10:48	19°♍01'47	-0.4m	
	-3110 Nov 03 j 11:52	0°♎		
desc. node	-3110 Nov 14 j 06:19	15°♎58'04		
morning set	-3110 Nov 20 j 19:45	26°♎07'41		
	-3110 Nov 23 j 06:27	0°♏		
max. Earth dist.	-3110 Nov 28 j 12:23	8°♏28'43	1.42276 AU	
superior conj	-3110 Dec 05 j 18:49	20°♏40'11	-1°-49'-53	
minimum elong	-3110 Dec 05 j 15:02	20°♏23'59	1°49'47	
	-3110 Dec 11 j 03:07	0°♐		
evening rise	-3110 Dec 17 j 02:01	10°♐41'41		
	-3110 Dec 28 j 05:54	0°♑		
asc. node	-3110 Dec 30 j 08:56	3°♑03'47		
evening max el	-3109 Jan 02 j 16:55	6°♑59'57	18°08'29	
retrograde	-3109 Jan 09 j 10:36	10°♑27'29		
evening set	-3109 Jan 12 j 01:45	9°♑56'03		
inferior conj	-3109 Jan 18 j 19:09	4°♑56'26	4°00'26	
minimum elong	-3109 Jan 18 j 18:55	4°♑56'59	4°00'20	
min. Earth dist.	-3109 Jan 21 j 21:21	2°♑00'18	0.61253 AU	
	-3109 Jan 24 j 06:17	30°℞♐		
morning rise	-3109 Jan 25 j 09:34	29°♐10'50		
direct	-3109 Feb 01 j 08:08	26°♐48'58		
desc. node	-3109 Feb 10 j 05:35	0°♑09'03		
	-3109 Feb 10 j 00:22	0°♑		
morning max el	-3109 Feb 15 j 10:17	4°♑33'02	27°36'37	
	-3109 Mar 06 j 09:24	0°♒		
morning set	-3109 Mar 19 j 19:48	24°♒56'10		
	-3109 Mar 22 j 06:08	0°♓		
max. Earth dist.	-3109 Mar 25 j 23:57	8°♓01'46	1.32631 AU	
superior conj	-3109 Mar 27 j 02:57	10°♓28'45	0°-12'-50	
minimum elong	-3109 Mar 27 j 03:32	10°♓31'56	0°12'46	
behind sun begin	-3109 Mar 27 j 00:32	10°♓15'30		
behind sun end	-3109 Mar 27 j 06:33	10°♓48'22		
asc. node	-3109 Mar 28 j 08:22	13°♓09'16		
evening rise	-3109 Apr 03 j 03:02	25°♓37'07		
	-3109 Apr 05 j 05:39	0°♈		
	-3109 Apr 23 j 01:24	0°♉		
evening max el	-3109 Apr 29 j 08:22	7°♉04'13	25°00'01	
desc. node	-3109 May 09 j 04:32	13°♉30'53		
retrograde	-3109 May 13 j 09:07	14°♉11'39		
evening set	-3109 May 18 j 11:50	13°♉11'36		
min. Earth dist.	-3109 May 23 j 20:32	10°♉19'42	0.57462 AU	
inferior conj	-3109 May 26 j 21:02	8°♉18'00	-3°-59'-59	
minimum elong	-3109 May 26 j 16:35	8°♉25'33	3°59'16	
morning rise	-3109 Jun 04 j 01:21	4°♉05'56		
direct	-3109 Jun 06 j 13:07	3°♉47'45		
morning max el	-3109 Jun 15 j 09:44	7°♉56'01	19°07'53	
asc. node	-3109 Jun 24 j 07:50	19°♉55'52		
	-3109 Jun 29 j 19:46	0°♊		
morning set	-3109 Jul 02 j 05:35	4°♊42'50		
superior conj	-3109 Jul 10 j 15:29	21°♊18'01	1°48'17	
minimum elong	-3109 Jul 10 j 14:51	21°♊14'54	1°48'21	
	-3109 Jul 15 j 05:47	0°♋		
max. Earth dist.	-3109 Jul 17 j 03:00	3°♋27'26	1.38359 AU	
evening rise	-3109 Jul 21 j 00:54	10°♋25'23		
	-3109 Aug 01 j 23:24	0°♌		
desc. node	-3109 Aug 05 j 03:44	4°♌49'18		
	-3109 Aug 24 j 10:43	0°♍		
evening max el	-3109 Aug 25 j 17:15	1°♍17'40	24°44'30	
retrograde	-3109 Sep 06 j 05:20	8°♍00'16		
evening set	-3109 Sep 11 j 19:26	5°♍38'32		
min. Earth dist.	-3109 Sep 16 j 10:32	0°♍20'53	0.67176 AU	
	-3109 Sep 16 j 16:49	30°℞♌		
inferior conj	-3109 Sep 17 j 05:25	29°♌18'00	-1°-2'-26	
minimum elong	-3109 Sep 17 j 06:54	29°♌13'03	1°01'46	
asc. node	-3109 Sep 20 j 06:57	25°♌28'09		
morning rise	-3109 Sep 22 j 18:43	23°♌11'55		
direct	-3109 Sep 26 j 09:11	21°♌57'03		
morning max el	-3109 Oct 04 j 02:00	26°♌24'51	20°07'16	
	-3109 Oct 07 j 06:11	0°♍		
greatest brilliancy	-3109 Oct 11 j 05:17	5°♍10'29	-0.6m	
	-3109 Oct 27 j 22:36	0°♎		
morning set	-3109 Oct 30 j 17:34	4°♎18'22		
desc. node	-3109 Nov 01 j 03:19	6°♎29'13		
max. Earth dist.	-3109 Nov 10 j 22:29	21°♎55'01	1.43789 AU	
	-3109 Nov 15 j 22:34	0°♏		
superior conj	-3109 Nov 16 j 06:11	0°♏31'03	-1°-27'-7	
minimum elong	-3109 Nov 15 j 23:08	0°♏02'17	1°26'32	
evening rise	-3109 Nov 29 j 08:57	22°♏34'41		
	-3109 Dec 03 j 16:21	0°♐		
evening max el	-3109 Dec 17 j 05:24	20°♐15'03	18°13'17	
asc. node	-3109 Dec 17 j 06:00	20°♐16'33		
retrograde	-3109 Dec 23 j 18:06	23°♐45'01		
evening set	-3109 Dec 26 j 12:49	23°♐05'10		
inferior conj	-3108 Jan 01 j 19:40	17°♐44'35	3°50'02	
minimum elong	-3108 Jan 01 j 17:35	17°♐50'11	3°49'42	
min. Earth dist.	-3108 Jan 04 j 08:22	15°♐01'43	0.63128 AU	
morning rise	-3108 Jan 07 j 20:38	11°♐47'13		
direct	-3108 Jan 14 j 21:42	9°♐03'28		
desc. node	-3108 Jan 28 j 02:40	16°♐14'46		
morning max el	-3108 Jan 28 j 16:44	16°♐49'02	27°41'14	
	-3108 Feb 08 j 16:32	0°♑		
	-3108 Feb 27 j 01:44	0°♒		
morning set	-3108 Mar 02 j 20:23	9°♒17'00		
max. Earth dist.	-3108 Mar 08 j 07:20	20°♒34'22	1.33110 AU	
superior conj	-3108 Mar 10 j 11:47	25°♒14'50	0°-38'-14	
minimum elong	-3108 Mar 10 j 13:30	25°♒24'08	0°37'58	
	-3108 Mar 12 j 16:38	0°♓		
asc. node	-3108 Mar 14 j 05:24	3°♓18'32		
evening rise	-3108 Mar 17 j 14:46	10°♓32'52		
	-3108 Mar 27 j 17:24	0°♈		
evening max el	-3108 Apr 10 j 00:05	17°♈47'48	23°27'44	
retrograde	-3108 Apr 23 j 13:37	24°♈32'11		
desc. node	-3108 Apr 25 j 01:36	24°♈27'09		
evening set	-3108 Apr 27 j 07:53	24°♈01'10		
min. Earth dist.	-3108 May 04 j 10:55	20°♈45'15	0.55948 AU	
inferior conj	-3108 May 06 j 10:18	19°♈34'49	-2°-55'-45	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3108 May 06 j 04:04	19°♈44'07	2°54'04
morning rise	-3108 May 15 j 03:38	15°♈36'46	
direct	-3108 May 17 j 16:57	15°♈20'34	
morning max el	-3108 May 28 j 02:34	20°♈10'13	20°12'15
	-3108 Jun 04 j 22:47	0°♉	
asc. node	-3108 Jun 10 j 04:54	9°♉03'05	
morning set	-3108 Jun 15 j 09:35	19°♉14'17	
	-3108 Jun 20 j 15:51	0°♊	
superior conj	-3108 Jun 23 j 05:15	5°♊11'29	1°41'22
minimum elong	-3108 Jun 23 j 03:14	5°♊01'18	1°41'19
max. Earth dist.	-3108 Jun 28 j 08:05	15°♊16'01	1.36534 AU
evening rise	-3108 Jul 02 j 09:12	22°♊51'34	
	-3108 Jul 06 j 08:58	0°♋	
desc. node	-3108 Jul 22 j 00:45	24°♋52'30	
	-3108 Jul 25 j 16:53	0°♌	
evening max el	-3108 Aug 07 j 04:13	14°♌50'23	25°55'28
retrograde	-3108 Aug 19 j 13:49	21°♌56'01	
evening set	-3108 Aug 25 j 18:50	19°♌18'41	
min. Earth dist.	-3108 Aug 30 j 01:26	14°♌38'39	0.66573 AU
inferior conj	-3108 Aug 31 j 07:50	13°♌02'26	-1°-55'-21
minimum elong	-3108 Aug 31 j 10:32	12°♌53'54	1°54'15
morning rise	-3108 Sep 06 j 02:57	7°♌06'21	
asc. node	-3108 Sep 06 j 04:04	7°♌04'39	
direct	-3108 Sep 09 j 07:28	6°♌07'44	
morning max el	-3108 Sep 16 j 08:09	10°♌06'32	19°09'26
	-3108 Sep 30 j 16:32	0°♍	
morning set	-3108 Oct 09 j 01:07	13°♍04'11	
desc. node	-3108 Oct 18 j 00:18	27°♍08'25	
	-3108 Oct 19 j 19:59	0°♎	
max. Earth dist.	-3108 Oct 23 j 14:31	5°♎56'33	1.44680 AU
superior conj	-3108 Oct 25 j 16:14	9°♎13'05	0°-47'-41
minimum elong	-3108 Oct 25 j 10:24	8°♎50'02	0°46'59
	-3108 Nov 07 j 14:41	0°♏	
evening rise	-3108 Nov 09 j 18:07	3°♏30'15	
	-3108 Nov 26 j 15:33	0°♐	
evening max el	-3108 Nov 29 j 17:33	3°♐37'39	18°36'28
asc. node	-3108 Dec 03 j 03:05	6°♐23'13	
retrograde	-3108 Dec 06 j 09:27	7°♐20'42	
evening set	-3108 Dec 09 j 08:56	6°♐30'57	
inferior conj	-3108 Dec 15 j 07:41	0°♐51'53	3°24'10
minimum elong	-3108 Dec 15 j 04:43	1°♐00'40	3°23'27
	-3108 Dec 16 j 01:05	30°℞♏	
min. Earth dist.	-3108 Dec 17 j 05:24	28°♏36'25	0.64696 AU
morning rise	-3108 Dec 20 j 23:18	24°♏45'42	
direct	-3108 Dec 27 j 18:08	21°♏55'10	
morning max el	-3107 Jan 10 j 02:07	29°♏35'51	27°11'25
	-3107 Jan 10 j 11:45	0°♐	
desc. node	-3107 Jan 13 j 23:44	3°♐47'21	
	-3107 Feb 01 j 13:52	0°♑	
morning set	-3107 Feb 14 j 11:59	23°♑06'00	
	-3107 Feb 17 j 23:29	0°♒	
max. Earth dist.	-3107 Feb 19 j 06:00	2°♒35'16	1.34003 AU
superior conj	-3107 Feb 22 j 16:16	9°♒42'48	-1°-2'-46
minimum elong	-3107 Feb 22 j 18:59	9°♒57'02	1°02'24
asc. node	-3107 Mar 01 j 02:24	23°♒19'02	
evening rise	-3107 Mar 02 j 01:24	25°♒19'30	
	-3107 Mar 04 j 07:55	0°♓	
evening max el	-3107 Mar 22 j 19:10	28°♓33'47	21°54'30
	-3107 Mar 24 j 09:32	0°♈	
retrograde	-3107 Apr 04 j 06:57	4°♈37'38	
evening set	-3107 Apr 07 j 00:15	4°♈21'07	
desc. node	-3107 Apr 11 j 22:42	2°♈37'45	
inferior conj	-3107 Apr 16 j 08:38	0°♈16'26	-1°-13'-22
minimum elong	-3107 Apr 16 j 05:16	0°♈21'10	1°12'14
min. Earth dist.	-3107 Apr 16 j 00:32	0°♈27'49	0.55176 AU
	-3107 Apr 16 j 20:20	30°℞♓	
morning rise	-3107 Apr 25 j 11:27	26°♓18'10	
direct	-3107 Apr 28 j 06:43	26°♓00'42	
	-3107 May 08 j 08:54	0°♈	
morning max el	-3107 May 10 j 08:32	1°♈42'28	21°35'24
asc. node	-3107 May 28 j 01:56	28°♈35'20	
	-3107 May 28 j 18:49	0°♉	
morning set	-3107 May 30 j 18:12	4°♉02'00	
superior conj	-3107 Jun 07 j 04:20	19°♉34'43	1°28'19
minimum elong	-3107 Jun 07 j 01:44	19°♉21'11	1°28'06
max. Earth dist.	-3107 Jun 10 j 21:06	27°♉10'10	1.35005 AU
	-3107 Jun 12 j 07:01	0°♊	
evening rise	-3107 Jun 15 j 11:12	6°♊11'44	
	-3107 Jun 29 j 01:45	0°♋	
desc. node	-3107 Jul 08 j 21:47	14°♋29'10	
evening max el	-3107 Jul 20 j 15:33	28°♋19'22	26°50'06
	-3107 Jul 22 j 11:02	0°♌	
retrograde	-3107 Aug 02 j 17:23	5°♌38'12	
evening set	-3107 Aug 09 j 11:14	2°♌51'59	
	-3107 Aug 12 j 09:30	30°℞♋	
min. Earth dist.	-3107 Aug 13 j 09:58	28°♋50'36	0.65607 AU
inferior conj	-3107 Aug 15 j 05:12	26°♋43'14	-2°-45'-13
minimum elong	-3107 Aug 15 j 08:51	26°♋32'31	2°43'58
morning rise	-3107 Aug 21 j 07:38	21°♋00'21	
direct	-3107 Aug 24 j 04:32	20°♋14'35	
asc. node	-3107 Aug 24 j 01:10	20°♋14'41	
morning max el	-3107 Aug 30 j 19:45	23°♋53'34	18°27'28
	-3107 Sep 04 j 18:38	0°♌	
morning set	-3107 Sep 19 j 10:03	23°♌05'39	
	-3107 Sep 23 j 16:18	0°♍	
superior conj	-3107 Oct 04 j 15:52	17°♍30'58	0°01'28
minimum elong	-3107 Oct 04 j 16:03	17°♍31'41	0°01'27
behind sun begin	-3107 Oct 04 j 04:48	16°♍47'16	
behind sun end	-3107 Oct 05 j 03:18	18°♍16'05	
desc. node	-3107 Oct 04 j 21:18	17°♍52'26	
max. Earth dist.	-3107 Oct 06 j 08:47	20°♍12'18	1.44849 AU
	-3107 Oct 12 j 14:16	0°♎	
evening rise	-3107 Oct 21 j 02:40	13°♎23'22	
	-3107 Oct 31 j 16:58	0°♏	
greatest brilliancy	-3107 Nov 02 j 22:07	3°♏23'22	-0.7m
evening max el	-3107 Nov 13 j 02:57	17°♏03'51	19°16'52
retrograde	-3107 Nov 20 j 05:11	21°♏08'50	
asc. node	-3107 Nov 20 j 00:10	21°♏08'35	
evening set	-3107 Nov 23 j 11:14	20°♏07'13	
inferior conj	-3107 Nov 29 j 03:56	14°♏12'49	2°47'38
minimum elong	-3107 Nov 29 j 00:53	14°♏22'31	2°46'39
min. Earth dist.	-3107 Nov 30 j 11:34	12°♏31'52	0.65903 AU
morning rise	-3107 Dec 04 j 13:42	8°♏00'25	
direct	-3107 Dec 10 j 20:53	5°♏16'01	
morning max el	-3107 Dec 23 j 11:49	12°♏41'10	26°13'36
desc. node	-3107 Dec 31 j 20:47	22°♏21'28	
	-3106 Jan 06 j 12:25	0°♐	
	-3106 Jan 25 j 05:23	0°♑	
morning set	-3106 Jan 28 j 14:39	6°♑11'26	
max. Earth dist.	-3106 Feb 01 j 16:59	14°♑00'41	1.35344 AU
superior conj	-3106 Feb 06 j 14:08	23°♑45'51	-1°-25'-1
minimum elong	-3106 Feb 06 j 17:24	24°♑02'30	1°24'41
	-3106 Feb 09 j 14:53	0°♒	
evening rise	-3106 Feb 14 j 09:06	9°♒51'08	
asc. node	-3106 Feb 15 j 23:25	13°♒06'13	
	-3106 Feb 25 j 05:41	0°♓	
evening max el	-3106 Mar 04 j 23:12	9°♓46'43	20°31'52
retrograde	-3106 Mar 15 j 20:52	14°♓58'29	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3106 Mar 18 j 03:41	14°♓45'44	
inferior conj	-3106 Mar 27 j 04:23	10°♓47'56	0°43'59
minimum elong	-3106 Mar 27 j 06:20	10°♓45'03	0°43'16
min. Earth dist.	-3106 Mar 28 j 14:41	9°♓57'55	0.55334 AU
desc. node	-3106 Mar 29 j 19:47	9°♓16'30	
morning rise	-3106 Apr 05 j 07:03	6°♓30'33	
direct	-3106 Apr 08 j 19:08	6°♓03'49	
morning max el	-3106 Apr 22 j 04:53	12°♓36'54	23°11'44
	-3106 May 05 j 07:10	0°♈	
asc. node	-3106 May 14 j 22:57	18°♈25'43	
morning set	-3106 May 15 j 05:27	18°♈59'41	
	-3106 May 20 j 09:29	0°♉	
superior conj	-3106 May 22 j 09:42	4°♉18'09	1°10'44
minimum elong	-3106 May 22 j 07:10	4°♉04'34	1°10'24
max. Earth dist.	-3106 May 24 j 19:53	9°♉26'27	1.33845 AU
evening rise	-3106 May 30 j 02:06	20°♉12'04	
	-3106 Jun 04 j 04:53	0°♊	
	-3106 Jun 23 j 02:04	0°♋	
desc. node	-3106 Jun 25 j 18:48	3°♋27'48	
evening max el	-3106 Jul 03 j 02:36	11°♋34'50	27°20'52
retrograde	-3106 Jul 16 j 15:30	18°♋58'12	
evening set	-3106 Jul 23 j 17:41	16°♋13'53	
min. Earth dist.	-3106 Jul 27 j 10:10	12°♋48'43	0.64263 AU
inferior conj	-3106 Jul 29 j 19:07	10°♋15'39	-3°-29'-28
minimum elong	-3106 Jul 29 j 23:07	10°♋04'54	3°28'24
morning rise	-3106 Aug 05 j 06:16	4°♋49'00	
direct	-3106 Aug 07 j 21:55	4°♋12'53	
asc. node	-3106 Aug 10 j 22:15	4°♋59'29	
morning max el	-3106 Aug 14 j 10:19	7°♋40'28	18°02'32
	-3106 Aug 29 j 07:57	0°♌	
morning set	-3106 Aug 31 j 22:06	4°♌24'47	
superior conj	-3106 Sep 14 j 03:34	26°♌27'29	0°47'38
minimum elong	-3106 Sep 14 j 08:32	26°♌47'39	0°47'04
	-3106 Sep 16 j 08:13	0°♍	
max. Earth dist.	-3106 Sep 19 j 01:48	4°♍22'10	1.44298 AU
desc. node	-3106 Sep 21 j 18:15	8°♍37'28	
evening rise	-3106 Sep 30 j 14:02	22°♍23'09	
	-3106 Oct 05 j 12:54	0°♎	
greatest brilliancy	-3106 Oct 20 j 13:13	22°♎11'31	-0.6m
	-3106 Oct 26 j 20:01	0°♏	
evening max el	-3106 Oct 27 j 07:34	0°♏30'19	20°12'46
retrograde	-3106 Nov 04 j 02:26	5°♏04'46	
asc. node	-3106 Nov 06 j 21:15	4°♏19'54	
evening set	-3106 Nov 07 j 17:16	3°♏48'43	
	-3106 Nov 11 j 11:40	30°℞♎	
inferior conj	-3106 Nov 13 j 05:42	27°♎42'24	2°03'39
minimum elong	-3106 Nov 13 j 03:10	27°♎50'55	2°02'40
min. Earth dist.	-3106 Nov 14 j 00:48	26°♎38'23	0.66753 AU
morning rise	-3106 Nov 18 j 12:28	21°♎26'25	
direct	-3106 Nov 24 j 05:09	18°♎57'24	
morning max el	-3106 Dec 05 j 20:27	25°♎52'59	24°56'50
	-3106 Dec 09 j 15:26	0°♏	
desc. node	-3106 Dec 18 j 17:48	11°♏38'26	
	-3106 Dec 31 j 01:56	0°♐	
morning set	-3105 Jan 10 j 23:04	18°♐17'32	
max. Earth dist.	-3105 Jan 14 j 16:56	25°♐04'35	1.37104 AU
	-3105 Jan 17 j 08:05	0°♑	
superior conj	-3105 Jan 21 j 02:19	7°♑15'02	-1°-43'-4
minimum elong	-3105 Jan 21 j 05:22	7°♑29'57	1°42'55
evening rise	-3105 Jan 29 j 11:42	24°♑01'08	
	-3105 Feb 01 j 12:18	0°♒	
asc. node	-3105 Feb 02 j 20:27	2°♒34'29	
evening max el	-3105 Feb 15 j 14:04	21°♒36'18	19°26'18
retrograde	-3105 Feb 24 j 19:31	25°♒59'50	
evening set	-3105 Feb 27 j 02:35	25°♒44'46	
inferior conj	-3105 Mar 07 j 11:24	21°♒38'02	2°23'49
minimum elong	-3105 Mar 07 j 16:13	21°♒30'09	2°22'24
min. Earth dist.	-3105 Mar 10 j 05:34	19°♒50'28	0.56386 AU
morning rise	-3105 Mar 16 j 02:07	16°♒50'55	
desc. node	-3105 Mar 16 j 16:51	16°♒38'56	
direct	-3105 Mar 20 j 17:46	16°♒01'35	
morning max el	-3105 Apr 03 j 20:00	23°♒11'21	24°50'35
	-3105 Apr 09 j 22:02	0°♓	
	-3105 Apr 27 j 19:03	0°♈	
morning set	-3105 Apr 29 j 17:39	4°♈01'39	
asc. node	-3105 May 01 j 19:57	8°♈28'44	
superior conj	-3105 May 06 j 19:03	19°♈14'05	0°49'50
minimum elong	-3105 May 06 j 17:02	19°♈03'08	0°49'29
max. Earth dist.	-3105 May 08 j 03:01	22°♈07'08	1.33057 AU
	-3105 May 11 j 19:47	0°♉	
evening rise	-3105 May 14 j 02:05	4°♉40'42	
	-3105 May 27 j 21:27	0°♊	
desc. node	-3105 Jun 12 j 15:50	21°♊32'38	
evening max el	-3105 Jun 15 j 11:33	24°♊25'18	27°21'48
	-3105 Jun 22 j 20:40	0°♋	
retrograde	-3105 Jun 29 j 07:25	1°♋47'30	
	-3105 Jul 05 j 08:50	30°℞♊	
evening set	-3105 Jul 06 j 10:38	29°♊18'41	
min. Earth dist.	-3105 Jul 10 j 00:40	26°♊22'14	0.62565 AU
inferior conj	-3105 Jul 12 j 22:45	23°♊34'03	-4°-4'-11
minimum elong	-3105 Jul 13 j 02:05	23°♊25'58	4°03'35
morning rise	-3105 Jul 19 j 19:55	18°♊26'35	
direct	-3105 Jul 22 j 08:38	17°♊57'23	
asc. node	-3105 Jul 28 j 19:19	21°♊07'50	
morning max el	-3105 Jul 29 j 01:12	21°♊22'03	17°55'42
	-3105 Aug 04 j 14:40	0°♋	
morning set	-3105 Aug 14 j 08:41	16°♋49'02	
	-3105 Aug 21 j 19:42	0°♌	
superior conj	-3105 Aug 25 j 17:19	6°♌41'53	1°21'38
minimum elong	-3105 Aug 25 j 22:37	7°♌04'23	1°21'12
max. Earth dist.	-3105 Sep 01 j 15:26	18°♌11'37	1.43109 AU
desc. node	-3105 Sep 08 j 15:14	29°♌21'02	
	-3105 Sep 09 j 01:11	0°♍	
evening rise	-3105 Sep 09 j 18:57	1°♍09'21	
	-3105 Sep 29 j 03:50	0°♎	
greatest brilliancy	-3105 Oct 05 j 02:21	7°♎57'46	-0.4m
evening max el	-3105 Oct 10 j 06:19	13°♎56'42	21°21'22
retrograde	-3105 Oct 18 j 23:11	19°♎06'23	
evening set	-3105 Oct 23 j 01:04	17°♎33'20	
asc. node	-3105 Oct 24 j 18:21	15°♎58'21	
inferior conj	-3105 Oct 28 j 10:51	11°♎18'27	1°14'35
minimum elong	-3105 Oct 28 j 09:11	11°♎24'08	1°13'54
min. Earth dist.	-3105 Oct 28 j 18:44	10°♎51'20	0.67271 AU
morning rise	-3105 Nov 02 j 16:58	5°♎01'37	
direct	-3105 Nov 07 j 18:18	2°♎53'12	
morning max el	-3105 Nov 18 j 05:23	9°♎07'44	23°31'00
	-3105 Dec 04 j 15:02	0°♏	
desc. node	-3105 Dec 05 j 14:49	1°♏25'57	
morning set	-3105 Dec 23 j 07:00	29°♏07'44	
	-3105 Dec 23 j 19:22	0°♐	
max. Earth dist.	-3105 Dec 27 j 12:23	6°♐23'17	1.39145 AU
superior conj	-3104 Jan 04 j 00:48	19°♐59'30	-1°-54'-21
minimum elong	-3104 Jan 04 j 02:23	20°♐06'52	1°54'25
	-3104 Jan 09 j 07:06	0°♑	
evening rise	-3104 Jan 13 j 06:40	7°♑42'55	
asc. node	-3104 Jan 20 j 17:29	21°♑37'07	
	-3104 Jan 26 j 03:13	0°♒	
evening max el	-3104 Jan 29 j 14:29	3°♒59'41	18°40'18

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3104 Feb 06 j 11:52	7°♒49'25	
evening set	-3104 Feb 08 j 22:11	7°♒28'59	
inferior conj	-3104 Feb 16 j 13:48	3°♒03'27	3°27'59
minimum elong	-3104 Feb 16 j 17:40	2°♒56'06	3°27'13
min. Earth dist.	-3104 Feb 19 j 22:17	0°♒31'50	0.58086 AU
	-3104 Feb 20 j 16:17	30°℞♑	
morning rise	-3104 Feb 24 j 09:26	27°♑48'04	
direct	-3104 Mar 01 j 05:24	26°♑23'44	
desc. node	-3104 Mar 02 j 13:58	26°♑28'18	
	-3104 Mar 10 j 21:19	0°♒	
morning max el	-3104 Mar 15 j 12:04	3°♒53'25	26°17'15
	-3104 Apr 03 j 09:11	0°♓	
morning set	-3104 Apr 13 j 05:04	19°♓01'05	
asc. node	-3104 Apr 17 j 16:56	28°♓38'54	
	-3104 Apr 18 j 07:48	0°♈	
superior conj	-3104 Apr 20 j 06:24	4°♈14'53	0°26'35
minimum elong	-3104 Apr 20 j 05:15	4°♈08'34	0°26'20
max. Earth dist.	-3104 Apr 20 j 15:11	5°♈03'01	1.32624 AU
evening rise	-3104 Apr 27 j 08:07	19°♈26'42	
	-3104 May 02 j 14:48	0°♉	
	-3104 May 21 j 14:37	0°♊	
evening max el	-3104 May 27 j 15:41	6°♊37'26	26°49'50
desc. node	-3104 May 29 j 12:54	8°♊19'54	
retrograde	-3104 Jun 10 j 15:43	13°♊56'26	
evening set	-3104 Jun 17 j 09:44	11°♊56'36	
min. Earth dist.	-3104 Jun 21 j 05:11	9°♊15'29	0.60600 AU
inferior conj	-3104 Jun 24 j 12:35	6°♊28'43	-4°-23'-25
minimum elong	-3104 Jun 24 j 13:49	6°♊26'07	4°23'17
morning rise	-3104 Jul 01 j 21:00	1°♊43'01	
direct	-3104 Jul 04 j 08:39	1°♊18'54	
morning max el	-3104 Jul 11 j 13:31	4°♊50'17	18°07'56
asc. node	-3104 Jul 14 j 16:22	8°♊23'13	
	-3104 Jul 27 j 11:34	0°♋	
morning set	-3104 Jul 27 j 12:04	0°♋02'17	
superior conj	-3104 Aug 06 j 09:57	18°♋16'23	1°41'22
minimum elong	-3104 Aug 06 j 13:02	18°♋30'06	1°41'17
	-3104 Aug 13 j 03:40	0°♌	
max. Earth dist.	-3104 Aug 13 j 23:54	1°♌25'26	1.41429 AU
evening rise	-3104 Aug 19 j 12:48	10°♌32'56	
desc. node	-3104 Aug 25 j 12:13	19°♌59'24	
	-3104 Sep 01 j 03:00	0°♍	
greatest brilliancy	-3104 Sep 17 j 03:44	21°♍59'32	-0.3m
evening max el	-3104 Sep 21 j 23:12	27°♍23'07	22°38'44
	-3104 Sep 24 j 19:22	0°♎	
retrograde	-3104 Oct 01 j 17:51	3°♎11'18	
evening set	-3104 Oct 06 j 08:50	1°♎19'15	
	-3104 Oct 07 j 18:36	30°℞♍	
asc. node	-3104 Oct 10 j 15:26	26°♍28'36	
inferior conj	-3104 Oct 11 j 17:29	24°♍59'15	0°22'21
minimum elong	-3104 Oct 11 j 16:58	25°♍01'04	0°22'08
min. Earth dist.	-3104 Oct 11 j 14:55	25°♍08'06	0.67474 AU
morning rise	-3104 Oct 17 j 01:00	18°♍44'22	
direct	-3104 Oct 21 j 11:27	16°♍58'05	
morning max el	-3104 Oct 30 j 17:54	22°♍27'49	22°05'22
greatest brilliancy	-3104 Nov 04 j 12:13	27°♍51'35	-0.4m
	-3104 Nov 06 j 05:06	0°♎	
desc. node	-3104 Nov 21 j 11:50	21°♎35'17	
	-3104 Nov 26 j 23:58	0°♏	
morning set	-3104 Dec 02 j 10:10	8°♏34'06	
max. Earth dist.	-3104 Dec 08 j 11:17	18°♏28'53	1.41200 AU
	-3104 Dec 15 j 04:24	0°♐	
superior conj	-3104 Dec 16 j 04:26	1°♐46'01	-1°-55'-27
minimum elong	-3104 Dec 16 j 02:57	1°♐39'29	1°55'32
evening rise	-3104 Dec 26 j 14:50	20°♐49'18	
	-3104 Dec 31 j 14:30	0°♑	
asc. node	-3103 Jan 06 j 14:32	10°♑05'54	
evening max el	-3103 Jan 11 j 21:50	16°♑49'19	18°14'23
retrograde	-3103 Jan 18 j 22:39	20°♑21'12	
evening set	-3103 Jan 21 j 12:01	19°♑54'05	
inferior conj	-3103 Jan 28 j 12:38	15°♑06'40	3°56'47
minimum elong	-3103 Jan 28 j 13:52	15°♑03'55	3°56'37
min. Earth dist.	-3103 Jan 31 j 19:57	12°♑12'43	0.60085 AU
morning rise	-3103 Feb 04 j 12:45	9°♑29'57	
direct	-3103 Feb 11 j 04:42	7°♑27'24	
desc. node	-3103 Feb 17 j 11:03	9°♑06'51	
morning max el	-3103 Feb 25 j 09:44	15°♑07'43	27°17'36
	-3103 Mar 09 j 11:33	0°♒	
	-3103 Mar 26 j 16:41	0°♓	
morning set	-3103 Mar 28 j 13:59	3°♓51'46	
max. Earth dist.	-3103 Apr 04 j 04:37	18°♓01'03	1.32531 AU
superior conj	-3103 Apr 04 j 18:05	19°♓14'47	0°01'49
minimum elong	-3103 Apr 04 j 18:01	19°♓14'20	0°01'47
behind sun begin	-3103 Apr 04 j 13:01	18°♓47'02	
behind sun end	-3103 Apr 04 j 23:00	19°♓41'39	
asc. node	-3103 Apr 04 j 13:57	18°♓52'08	
	-3103 Apr 09 j 16:37	0°♈	
evening rise	-3103 Apr 11 j 17:54	4°♈21'59	
	-3103 Apr 25 j 12:15	0°♉	
evening max el	-3103 May 09 j 13:14	18°♉05'42	25°46'55
desc. node	-3103 May 16 j 09:58	23°♉18'23	
retrograde	-3103 May 23 j 15:02	25°♉19'46	
evening set	-3103 May 29 j 11:25	23°♉57'38	
min. Earth dist.	-3103 Jun 03 j 01:34	21°♉14'28	0.58560 AU
inferior conj	-3103 Jun 06 j 08:59	18°♉50'03	-4°-18'-15
minimum elong	-3103 Jun 06 j 06:40	18°♉54'18	4°18'01
morning rise	-3103 Jun 14 j 05:50	14°♉26'51	
direct	-3103 Jun 16 j 17:29	14°♉06'46	
morning max el	-3103 Jun 24 j 20:26	17°♉57'02	18°40'08
asc. node	-3103 Jul 01 j 13:24	26°♉31'06	
	-3103 Jul 03 j 16:14	0°♊	
morning set	-3103 Jul 11 j 03:38	13°♊52'29	
	-3103 Jul 19 j 12:19	0°♋	
superior conj	-3103 Jul 20 j 00:27	0°♋57'08	1°48'40
minimum elong	-3103 Jul 20 j 00:59	0°♋59'39	1°48'45
max. Earth dist.	-3103 Jul 27 j 03:07	13°♋54'31	1.39486 AU
evening rise	-3103 Jul 31 j 07:08	21°♋06'25	
	-3103 Aug 05 j 16:22	0°♌	
desc. node	-3103 Aug 12 j 09:14	10°♌28'24	
	-3103 Aug 26 j 04:42	0°♍	
evening max el	-3103 Sep 04 j 11:46	10°♍51'02	23°59'20
retrograde	-3103 Sep 15 j 09:20	17°♍16'11	
evening set	-3103 Sep 20 j 14:50	15°♍04'42	
inferior conj	-3103 Sep 25 j 23:52	8°♍43'09	0°-31'-26
minimum elong	-3103 Sep 26 j 00:36	8°♍40'37	0°31'05
min. Earth dist.	-3103 Sep 25 j 11:00	9°♍26'49	0.67372 AU
asc. node	-3103 Sep 27 j 12:32	6°♍40'44	
morning rise	-3103 Oct 01 j 10:35	2°♍33'03	
direct	-3103 Oct 05 j 07:40	1°♍07'39	
morning max el	-3103 Oct 13 j 12:48	5°♍56'09	20°47'00
greatest brilliancy	-3103 Oct 19 j 11:44	12°♍58'56	-0.5m
	-3103 Oct 31 j 10:55	0°♎	
desc. node	-3103 Nov 08 j 08:50	11°♎59'43	
morning set	-3103 Nov 11 j 13:28	16°♎56'13	
	-3103 Nov 19 j 19:28	0°♏	
max. Earth dist.	-3103 Nov 20 j 17:06	1°♏27'25	1.42981 AU
superior conj	-3103 Nov 27 j 07:31	12°♏20'27	-1°-42'-22
minimum elong	-3103 Nov 27 j 02:04	11°♏57'36	1°42'03
	-3103 Dec 07 j 13:02	0°♐	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-3103 Dec	09 j 08:16	3°♐11'22	
asc. node	-3103 Dec	24 j 11:37	27°♐49'42	
	-3103 Dec	26 j 10:38	0°♑	
evening max el	-3103 Dec	26 j 09:10	29°♐56'22	18°08'11
retrograde	-3102 Jan	01 j 23:51	3°♑23'58	
evening set	-3102 Jan	04 j 16:18	2°♑49'14	
	-3102 Jan	08 j 19:02	30°℞♐	
inferior conj	-3102 Jan	11 j 04:52	27°♐40'21	3°58'18
minimum elong	-3102 Jan	11 j 03:44	27°♐43'13	3°58'08
min. Earth dist.	-3102 Jan	14 j 01:43	24°♐47'30	0.62074 AU
morning rise	-3102 Jan	17 j 12:59	21°♐48'58	
direct	-3102 Jan	24 j 13:39	19°♐16'01	
desc. node	-3102 Feb	04 j 08:07	24°♐06'55	
morning max el	-3102 Feb	07 j 13:35	27°♐02'02	27°43'07
	-3102 Feb	10 j 09:36	0°♑	
	-3102 Mar	03 j 01:27	0°♒	
morning set	-3102 Mar	12 j 18:18	18°♒25'32	
	-3102 Mar	18 j 06:42	0°♓	
max. Earth dist.	-3102 Mar	18 j 15:14	0°♓45'56	1.32785 AU
superior conj	-3102 Mar	20 j 04:26	4°♓07'05	0°-23'-39
minimum elong	-3102 Mar	20 j 05:30	4°♓12'56	0°23'29
asc. node	-3102 Mar	22 j 10:59	9°♓03'42	
evening rise	-3102 Mar	27 j 05:24	19°♓18'42	
	-3102 Apr	01 j 11:57	0°♈	
evening max el	-3102 Apr	21 j 05:37	28°♈58'44	24°21'43
	-3102 Apr	22 j 08:04	0°♉	
desc. node	-3102 May	03 j 07:02	5°♉51'25	
retrograde	-3102 May	05 j 03:25	5°♉59'18	
evening set	-3102 May	09 j 16:09	5°♉13'11	
min. Earth dist.	-3102 May	15 j 17:22	2°♉12'21	0.56743 AU
inferior conj	-3102 May	18 j 09:27	0°♉30'38	-3°-37'-56
minimum elong	-3102 May	18 j 03:47	0°♉39'41	3°36'46
	-3102 May	19 j 04:46	30°℞♈	
morning rise	-3102 May	26 j 19:29	26°♈26'04	
direct	-3102 May	29 j 07:30	26°♈09'06	
	-3102 Jun	07 j 04:25	0°♉	
morning max el	-3102 Jun	07 j 19:09	0°♉33'13	19°32'51
asc. node	-3102 Jun	18 j 10:27	15°♉19'29	
morning set	-3102 Jun	25 j 03:54	28°♉10'51	
	-3102 Jun	26 j 01:40	0°♊	
superior conj	-3102 Jul	03 j 07:07	14°♊28'12	1°46'13
minimum elong	-3102 Jul	03 j 05:47	14°♊21'39	1°46'16
max. Earth dist.	-3102 Jul	09 j 05:18	25°♊49'07	1.37550 AU
	-3102 Jul	11 j 11:56	0°♋	
evening rise	-3102 Jul	13 j 02:49	2°♋54'46	
	-3102 Jul	29 j 18:34	0°♌	
desc. node	-3102 Jul	30 j 06:14	0°♌42'58	
evening max el	-3102 Aug	17 j 22:38	24°♌22'29	25°16'11
	-3102 Aug	25 j 04:34	0°♍	
retrograde	-3102 Aug	29 j 20:45	1°♍17'02	
	-3102 Sep	03 j 02:32	30°℞♌	
evening set	-3102 Sep	04 j 17:15	28°♌47'58	
min. Earth dist.	-3102 Sep	09 j 04:34	23°♌46'00	0.66956 AU
inferior conj	-3102 Sep	10 j 04:16	22°♌28'33	-1°-25'-7
minimum elong	-3102 Sep	10 j 06:17	22°♌21'57	1°24'15
asc. node	-3102 Sep	14 j 09:37	17°♌33'42	
morning rise	-3102 Sep	15 j 19:51	16°♌26'17	
direct	-3102 Sep	19 j 05:41	15°♌18'54	
morning max el	-3102 Sep	26 j 15:02	19°♌33'43	19°40'48
	-3102 Oct	04 j 20:56	0°♍	
greatest brilliancy	-3102 Oct	04 j 23:50	0°♍10'23	-0.6m
morning set	-3102 Oct	21 j 12:35	25°♍14'02	
	-3102 Oct	24 j 14:08	0°♎	
desc. node	-3102 Oct	26 j 05:51	2°♎34'52	
max. Earth dist.	-3102 Nov	03 j 05:37	15°♎09'20	1.44248 AU
superior conj	-3102 Nov	07 j 07:17	21°♎39'25	-1°-12'-14
minimum elong	-3102 Nov	07 j 00:01	21°♎10'13	1°11'29
	-3102 Nov	12 j 10:43	0°♏	
evening rise	-3102 Nov	21 j 06:30	14°♏40'52	
	-3102 Nov	30 j 10:07	0°♐	
evening max el	-3102 Dec	09 j 21:50	13°♐15'04	18°20'57
asc. node	-3102 Dec	11 j 08:41	14°♐36'00	
retrograde	-3102 Dec	16 j 11:04	16°♐49'28	
evening set	-3102 Dec	19 j 07:33	16°♐05'47	
inferior conj	-3102 Dec	25 j 10:42	10°♐37'15	3°40'36
minimum elong	-3102 Dec	25 j 08:08	10°♐44'29	3°40'06
min. Earth dist.	-3102 Dec	27 j 17:10	8°♐04'23	0.63840 AU
morning rise	-3102 Dec	31 j 07:13	4°♐35'38	
direct	-3101 Jan	07 j 06:33	1°♐46'50	
morning max el	-3101 Jan	20 j 21:36	9°♐32'10	27°32'20
desc. node	-3101 Jan	22 j 05:13	10°♐52'49	
	-3101 Feb	05 j 23:08	0°♑	
	-3101 Feb	23 j 08:09	0°♒	
morning set	-3101 Feb	24 j 15:26	2°♒33'40	
max. Earth dist.	-3101 Mar	01 j 19:03	13°♒04'12	1.33431 AU
superior conj	-3101 Mar	04 j 11:39	18°♒45'51	0°-48'-51
minimum elong	-3101 Mar	04 j 13:49	18°♒57'27	0°48'31
asc. node	-3101 Mar	09 j 08:01	29°♒09'24	
	-3101 Mar	09 j 17:30	0°♓	
evening rise	-3101 Mar	11 j 16:50	4°♓10'31	
	-3101 Mar	25 j 22:08	0°♈	
evening max el	-3101 Apr	02 j 21:59	9°♈39'42	22°47'28
retrograde	-3101 Apr	16 j 02:52	16°♈08'59	
evening set	-3101 Apr	19 j 08:34	15°♈46'04	
desc. node	-3101 Apr	20 j 04:07	15°♈33'25	
min. Earth dist.	-3101 Apr	27 j 07:34	12°♈16'00	0.55506 AU
inferior conj	-3101 Apr	28 j 15:17	11°♈30'20	-2°-16'-8
minimum elong	-3101 Apr	28 j 09:41	11°♈38'25	2°14'25
morning rise	-3101 May	07 j 13:21	7°♈33'59	
direct	-3101 May	10 j 04:04	7°♈17'55	
morning max el	-3101 May	21 j 07:24	12°♈29'41	20°45'34
	-3101 Jun	02 j 20:02	0°♉	
asc. node	-3101 Jun	05 j 07:30	4°♉38'04	
morning set	-3101 Jun	09 j 10:06	12°♉49'41	
superior conj	-3101 Jun	17 j 01:14	28°♉35'24	1°36'28
minimum elong	-3101 Jun	16 j 22:53	28°♉23'21	1°36'21
	-3101 Jun	17 j 17:50	0°♊	
max. Earth dist.	-3101 Jun	21 j 13:04	7°♊36'15	1.35839 AU
evening rise	-3101 Jun	25 j 19:18	15°♊45'56	
	-3101 Jul	03 j 19:31	0°♋	
desc. node	-3101 Jul	17 j 03:14	20°♋35'55	
	-3101 Jul	24 j 06:24	0°♌	
evening max el	-3101 Jul	31 j 09:48	7°♌54'52	26°21'15
retrograde	-3101 Aug	13 j 03:16	15°♌07'32	
evening set	-3101 Aug	19 j 13:57	12°♌25'39	
min. Earth dist.	-3101 Aug	23 j 17:11	8°♌01'45	0.66204 AU
inferior conj	-3101 Aug	25 j 04:48	6°♌12'03	-2°-17'00
minimum elong	-3101 Aug	25 j 07:57	6°♌02'21	2°15'49
morning rise	-3101 Aug	31 j 02:49	0°♌20'52	
	-3101 Aug	31 j 19:06	30°℞♋	
asc. node	-3101 Sep	01 j 06:43	29°♋48'16	
direct	-3101 Sep	03 j 03:47	29°♋28'06	
	-3101 Sep	05 j 13:50	0°♌	
morning max el	-3101 Sep	09 j 23:40	3°♌17'41	18°49'28
	-3101 Sep	28 j 10:11	0°♍	
morning set	-3101 Oct	01 j 05:53	4°♍29'13	
desc. node	-3101 Oct	13 j 02:49	23°♍16'15	
superior conj	-3101 Oct	17 j 10:18	0°♎03'46	0°-27'-18
minimum elong	-3101 Oct	17 j 06:44	29°♍49'40	0°26'52

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3101 Oct 16 j 22:36	29°♍17'40	1.44846 AU
	-3101 Oct 17 j 09:21	0°♎	
evening rise	-3101 Nov 02 j 05:11	25°♎09'14	
	-3101 Nov 05 j 05:25	0°♏	
evening max el	-3101 Nov 23 j 09:08	26°♏39'51	18°51'43
	-3101 Nov 27 j 19:41	0°♐	
asc. node	-3101 Nov 28 j 05:44	0°♐09'49	
retrograde	-3101 Nov 30 j 04:31	0°♐30'52	
	-3101 Dec 02 j 12:11	30°℞♏	
evening set	-3101 Dec 03 j 06:37	29°♏36'19	
inferior conj	-3101 Dec 09 j 02:33	23°♏50'35	3°09'44
minimum elong	-3101 Dec 08 j 23:29	24°♏00'01	3°08'52
min. Earth dist.	-3101 Dec 10 j 18:11	21°♏49'10	0.65261 AU
morning rise	-3101 Dec 14 j 15:20	17°♏41'40	
direct	-3101 Dec 21 j 05:53	14°♏52'07	
morning max el	-3100 Jan 03 j 07:06	22°♏27'21	26°49'40
desc. node	-3100 Jan 09 j 02:18	28°♏54'07	
	-3100 Jan 09 j 23:48	0°♐	
	-3100 Jan 30 j 04:37	0°♑	
morning set	-3100 Feb 08 j 02:05	16°♑05'48	
max. Earth dist.	-3100 Feb 12 j 12:45	24°♑48'45	1.34516 AU
	-3100 Feb 15 j 01:58	0°♒	
superior conj	-3100 Feb 16 j 13:41	3°♒04'35	-1°-12'-36
minimum elong	-3100 Feb 16 j 16:41	3°♒20'14	1°12'13
evening rise	-3100 Feb 24 j 02:28	18°♒51'47	
asc. node	-3100 Feb 24 j 05:02	19°♒05'04	
	-3100 Feb 29 j 16:32	0°♓	
evening max el	-3100 Mar 14 j 20:36	20°♓35'54	21°17'38
retrograde	-3100 Mar 26 j 16:52	26°♓17'26	
evening set	-3100 Mar 29 j 04:07	26°♓03'28	
desc. node	-3100 Apr 06 j 01:13	22°♓51'17	
inferior conj	-3100 Apr 07 j 10:46	22°♓04'19	0°-23'-27
minimum elong	-3100 Apr 07 j 09:40	22°♓05'53	0°23'05
min. Earth dist.	-3100 Apr 07 j 21:22	21°♓49'24	0.55125 AU
morning rise	-3100 Apr 16 j 14:57	18°♓00'03	
direct	-3100 Apr 19 j 16:08	17°♓39'45	
morning max el	-3100 May 02 j 08:49	23°♓44'22	22°15'15
	-3100 May 07 j 22:35	0°♈	
asc. node	-3100 May 22 j 04:32	24°♈19'06	
morning set	-3100 May 23 j 20:06	27°♈42'46	
	-3100 May 24 j 22:22	0°♉	
superior conj	-3100 May 31 j 03:20	13°♉08'24	1°21'20
minimum elong	-3100 May 31 j 00:41	12°♉54'28	1°21'03
max. Earth dist.	-3100 Jun 03 j 06:33	19°♉40'16	1.34469 AU
evening rise	-3100 Jun 08 j 03:22	29°♉25'17	
	-3100 Jun 08 j 10:31	0°♊	
	-3100 Jun 25 j 22:08	0°♋	
desc. node	-3100 Jul 03 j 00:14	9°♋58'03	
evening max el	-3100 Jul 12 j 21:27	21°♋20'33	27°06'30
retrograde	-3100 Jul 26 j 04:23	28°♋41'15	
evening set	-3100 Aug 02 j 02:29	25°♋54'39	
min. Earth dist.	-3100 Aug 05 j 22:25	22°♋09'03	0.65089 AU
inferior conj	-3100 Aug 07 j 23:19	19°♋50'11	-3°-4'-52
minimum elong	-3100 Aug 08 j 03:12	19°♋39'08	3°03'38
morning rise	-3100 Aug 14 j 05:17	14°♋13'35	
direct	-3100 Aug 16 j 23:45	13°♋32'07	
asc. node	-3100 Aug 18 j 03:48	13°♋39'29	
morning max el	-3100 Aug 23 j 12:47	17°♋04'59	18°14'38
	-3100 Sep 01 j 22:26	0°♌	
morning set	-3100 Sep 11 j 02:44	15°♌05'13	
	-3100 Sep 20 j 05:08	0°♍	
superior conj	-3100 Sep 25 j 12:23	8°♍30'16	0°22'08
minimum elong	-3100 Sep 25 j 15:06	8°♍41'06	0°21'49
max. Earth dist.	-3100 Sep 28 j 17:09	13°♍34'39	1.44710 AU
desc. node	-3100 Sep 28 j 23:45	14°♍00'46	
	-3100 Oct 09 j 04:32	0°♎	
evening rise	-3100 Oct 12 j 03:40	4°♎36'59	
greatest brilliancy	-3100 Oct 28 j 10:12	29°♎28'48	-0.7m
	-3100 Oct 28 j 18:51	0°♏	
evening max el	-3100 Nov 05 j 16:45	10°♏06'32	19°38'56
retrograde	-3100 Nov 13 j 01:08	14°♏22'48	
asc. node	-3100 Nov 14 j 02:49	14°♏16'11	
evening set	-3100 Nov 16 j 10:46	13°♏15'10	
inferior conj	-3100 Nov 22 j 01:26	7°♏15'14	2°29'41
minimum elong	-3100 Nov 21 j 22:33	7°♏24'39	2°28'41
min. Earth dist.	-3100 Nov 23 j 03:29	5°♏50'11	0.66311 AU
morning rise	-3100 Nov 27 j 09:38	1°♏01'14	
	-3100 Nov 28 j 16:30	30°℞♎	
direct	-3100 Dec 03 j 10:53	28°♎22'43	
	-3100 Dec 08 j 18:08	0°♏	
morning max el	-3100 Dec 15 j 16:17	5°♏36'05	25°42'43
desc. node	-3100 Dec 25 j 23:20	17°♏48'07	
	-3099 Jan 03 j 13:40	0°♐	
morning set	-3099 Jan 20 j 21:39	28°♐47'37	
	-3099 Jan 21 j 13:26	0°♑	
max. Earth dist.	-3099 Jan 24 j 18:56	6°♑03'17	1.36050 AU
superior conj	-3099 Jan 30 j 07:50	16°♑54'24	-1°-33'-19
minimum elong	-3099 Jan 30 j 11:07	17°♑10'56	1°33'03
	-3099 Feb 05 j 18:01	0°♒	
evening rise	-3099 Feb 07 j 08:17	3°♒15'13	
asc. node	-3099 Feb 10 j 02:03	8°♒45'03	
	-3099 Feb 23 j 05:41	0°♓	
evening max el	-3099 Feb 25 j 05:11	2°♓03'43	20°01'38
retrograde	-3099 Mar 07 j 09:03	6°♓53'48	
evening set	-3099 Mar 09 j 15:22	6°♓40'29	
inferior conj	-3099 Mar 18 j 09:46	2°♓40'09	1°30'05
minimum elong	-3099 Mar 18 j 13:27	2°♓34'33	1°28'50
min. Earth dist.	-3099 Mar 20 j 11:21	1°♓25'03	0.55684 AU
	-3099 Mar 22 j 23:34	30°℞♒	
desc. node	-3099 Mar 23 j 22:20	29°♒31'18	
morning rise	-3099 Mar 27 j 08:44	28°♒11'09	
direct	-3099 Mar 31 j 07:42	27°♒36'44	
	-3099 Apr 08 j 08:03	0°♓	
morning max el	-3099 Apr 14 j 02:09	4°♓26'47	23°54'23
	-3099 May 01 j 22:56	0°♈	
morning set	-3099 May 08 j 07:59	12°♈42'59	
asc. node	-3099 May 09 j 01:32	14°♈15'24	
superior conj	-3099 May 15 j 10:38	27°♈57'41	1°02'13
minimum elong	-3099 May 15 j 08:16	27°♈44'56	1°01'51
	-3099 May 16 j 09:25	0°♉	
max. Earth dist.	-3099 May 17 j 09:24	2°♉08'07	1.33467 AU
evening rise	-3099 May 22 j 22:31	13°♉38'33	
	-3099 May 31 j 14:24	0°♊	
desc. node	-3099 Jun 19 j 21:16	28°♊35'59	
	-3099 Jun 21 j 02:17	0°♋	
evening max el	-3099 Jun 25 j 07:53	4°♋26'38	27°25'06
retrograde	-3099 Jul 08 j 23:45	11°♋49'27	
evening set	-3099 Jul 16 j 03:40	9°♋09'49	
min. Earth dist.	-3099 Jul 19 j 18:25	5°♋58'25	0.63587 AU
inferior conj	-3099 Jul 22 j 09:14	3°♋17'20	-3°-45'-40
minimum elong	-3099 Jul 22 j 13:06	3°♋07'22	3°44'46
	-3099 Jul 25 j 20:08	30°℞♊	
morning rise	-3099 Jul 29 j 00:30	27°♊58'40	
direct	-3099 Jul 31 j 14:44	27°♊25'41	
asc. node	-3099 Aug 05 j 00:52	29°♊01'39	
	-3099 Aug 06 j 06:16	0°♋	
morning max el	-3099 Aug 07 j 03:51	0°♋50'33	17°57'25
morning set	-3099 Aug 24 j 01:07	26°♋54'21	
	-3099 Aug 25 j 19:54	0°♌	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3099 Sep 05 j 10:25	17°♌58'10	1°03'48	
minimum elong	-3099 Sep 05 j 16:02	18°♌21'17	1°03'14	
max. Earth dist.	-3099 Sep 11 j 09:33	27°♌40'03	1.43865 AU	
	-3099 Sep 12 j 20:34	0°♍		
desc. node	-3099 Sep 15 j 20:43	4°♍45'41		
evening rise	-3099 Sep 21 j 10:03	13°♍25'32		
	-3099 Oct 02 j 07:49	0°♎		
greatest brilliancy	-3099 Oct 13 j 19:38	16°♎24'46	-0.5m	
evening max el	-3099 Oct 19 j 18:55	23°♎33'06	20°40'32	
retrograde	-3099 Oct 27 j 22:31	28°♎22'07		
evening set	-3099 Oct 31 j 17:49	26°♎58'58		
asc. node	-3099 Oct 31 j 23:54	26°♎47'28		
inferior conj	-3099 Nov 06 j 04:54	20°♎48'17	1°43'19	
minimum elong	-3099 Nov 06 j 02:42	20°♎55'47	1°42'27	
min. Earth dist.	-3099 Nov 06 j 19:00	20°♎00'23	0.67011 AU	
morning rise	-3099 Nov 11 j 11:08	14°♎31'38		
direct	-3099 Nov 16 j 21:11	12°♎11'18		
morning max el	-3099 Nov 28 j 01:00	18°♎50'32	24°20'55	
	-3099 Dec 07 j 11:40	0°♏		
desc. node	-3099 Dec 12 j 20:20	7°♏19'30		
	-3099 Dec 27 j 16:36	0°♐		
morning set	-3098 Jan 02 j 20:27	10°♐23'41		
max. Earth dist.	-3098 Jan 06 j 16:23	17°♐10'41	1.37953 AU	
superior conj	-3098 Jan 13 j 14:43	0°♑05'58	-1°-48'-52	
minimum elong	-3098 Jan 13 j 17:20	0°♑18'29	1°48'49	
	-3098 Jan 13 j 13:29	0°♑		
evening rise	-3098 Jan 22 j 08:01	17°♑14'28		
asc. node	-3098 Jan 27 j 23:05	28°♑03'34		
	-3098 Jan 29 j 00:49	0°♒		
evening max el	-3098 Feb 08 j 00:16	14°♒07'58	19°04'13	
retrograde	-3098 Feb 16 j 15:01	18°♒15'39		
evening set	-3098 Feb 18 j 23:12	17°♒58'39		
inferior conj	-3098 Feb 27 j 00:33	13°♒44'25	2°55'42	
minimum elong	-3098 Feb 27 j 05:20	13°♒36'04	2°54'29	
min. Earth dist.	-3098 Mar 02 j 02:50	11°♒35'53	0.57048 AU	
morning rise	-3098 Mar 07 j 07:33	8°♒44'12		
desc. node	-3098 Mar 10 j 19:27	7°♒48'00		
direct	-3098 Mar 12 j 11:29	7°♒41'21		
morning max el	-3098 Mar 26 j 17:09	15°♒01'32	25°29'55	
	-3098 Apr 07 j 16:01	0°♓		
morning set	-3098 Apr 22 j 20:02	27°♓44'28		
	-3098 Apr 23 j 21:42	0°♈		
asc. node	-3098 Apr 25 j 22:33	4°♈21'55		
superior conj	-3098 Apr 29 j 21:03	12°♈56'14	0°40'13	
minimum elong	-3098 Apr 29 j 19:22	12°♈47'04	0°39'53	
max. Earth dist.	-3098 Apr 30 j 18:59	14°♈55'43	1.32828 AU	
evening rise	-3098 May 07 j 01:22	28°♈15'04		
	-3098 May 07 j 21:53	0°♉		
	-3098 May 24 j 21:22	0°♊		
desc. node	-3098 Jun 06 j 18:21	16°♊10'48		
evening max el	-3098 Jun 07 j 14:46	17°♊00'37	27°12'10	
retrograde	-3098 Jun 21 j 12:43	24°♊22'25		
evening set	-3098 Jun 28 j 13:33	22°♊04'02		
min. Earth dist.	-3098 Jul 02 j 04:25	19°♊16'21	0.61748 AU	
inferior conj	-3098 Jul 05 j 07:22	16°♊26'03	-4°-14'-45	
minimum elong	-3098 Jul 05 j 10:01	16°♊20'00	4°14'22	
morning rise	-3098 Jul 12 j 09:14	11°♊28'01		
direct	-3098 Jul 14 j 21:14	11°♊01'16		
morning max el	-3098 Jul 21 j 18:03	14°♊27'27	17°58'37	
asc. node	-3098 Jul 22 j 21:56	15°♊40'10		
	-3098 Aug 01 j 10:28	0°♋		
morning set	-3098 Aug 06 j 19:27	9°♋40'38		
superior conj	-3098 Aug 17 j 12:03	28°♋47'59	1°31'41	
minimum elong	-3098 Aug 17 j 16:34	29°♋07'32	1°31'24	
	-3098 Aug 18 j 04:43	0°♌		
max. Earth dist.	-3098 Aug 24 j 20:44	11°♌14'27	1.42433 AU	
evening rise	-3098 Aug 31 j 18:14	22°♌21'15		
desc. node	-3098 Sep 02 j 17:41	25°♌27'25		
	-3098 Sep 05 j 16:08	0°♍		
	-3098 Sep 26 j 14:33	0°♎		
greatest brilliancy	-3098 Sep 27 j 19:04	1°♎29'21	-0.4m	
evening max el	-3098 Oct 02 j 14:57	6°♎58'58	21°53'28	
retrograde	-3098 Oct 11 j 18:41	12°♎25'32		
evening set	-3098 Oct 16 j 01:49	10°♎44'40		
asc. node	-3098 Oct 18 j 21:00	7°♎52'36		
inferior conj	-3098 Oct 21 j 10:55	4°♎26'58	0°52'43	
minimum elong	-3098 Oct 21 j 09:43	4°♎31'06	0°52'13	
min. Earth dist.	-3098 Oct 21 j 14:18	4°♎15'17	0.67390 AU	
	-3098 Oct 24 j 21:13	30°℞♍		
morning rise	-3098 Oct 26 j 17:23	28°♍10'21		
direct	-3098 Oct 31 j 12:09	26°♍11'26		
	-3098 Nov 08 j 05:10	0°♎		
morning max el	-3098 Nov 10 j 11:07	2°♎07'34	22°54'02	
greatest brilliancy	-3098 Nov 15 j 06:47	7°♎32'19	-0.3m	
desc. node	-3098 Nov 29 j 17:20	27°♎17'08		
	-3098 Dec 01 j 13:10	0°♏		
morning set	-3098 Dec 14 j 16:23	20°♏38'30		
max. Earth dist.	-3098 Dec 19 j 12:03	28°♏44'49	1.40033 AU	
	-3098 Dec 20 j 05:32	0°♐		
superior conj	-3098 Dec 27 j 05:50	12°♐27'12	-1°-56'-18	
minimum elong	-3098 Dec 27 j 06:18	12°♐29'22	1°56'25	
evening rise	-3097 Jan 05 j 22:47	0°♑41'54		
	-3097 Jan 05 j 14:00	0°♑		
asc. node	-3097 Jan 14 j 20:08	16°♑53'00		
evening max el	-3097 Jan 22 j 03:58	26°♑43'33	18°26'51	
	-3097 Jan 27 j 04:18	0°♒		
retrograde	-3097 Jan 29 j 15:20	0°♒23'49		
evening set	-3097 Feb 01 j 02:54	0°♒00'46		
	-3097 Feb 01 j 03:55	30°℞♑		
inferior conj	-3097 Feb 08 j 11:50	25°♑26'25	3°44'04	
minimum elong	-3097 Feb 08 j 14:39	25°♑20'42	3°43'38	
min. Earth dist.	-3097 Feb 11 j 21:34	22°♑41'57	0.58919 AU	
morning rise	-3097 Feb 15 j 22:51	20°♑00'46		
direct	-3097 Feb 22 j 04:42	18°♑19'32		
desc. node	-3097 Feb 25 j 16:32	18°♑50'20		
morning max el	-3097 Mar 08 j 11:19	25°♑55'28	26°46'46	
	-3097 Mar 12 j 07:15	0°♒		
	-3097 Mar 31 j 21:42	0°♓		
morning set	-3097 Apr 07 j 06:38	12°♓41'12		
asc. node	-3097 Apr 12 j 19:35	24°♓34'16		
superior conj	-3097 Apr 14 j 08:47	27°♓57'51	0°16'13	
minimum elong	-3097 Apr 14 j 08:04	27°♓53'56	0°16'03	
max. Earth dist.	-3097 Apr 14 j 07:59	27°♓53'32	1.32536 AU	
	-3097 Apr 15 j 07:05	0°♈		
evening rise	-3097 Apr 21 j 09:16	13°♈06'12		
	-3097 Apr 30 j 00:56	0°♉		
evening max el	-3097 May 20 j 16:13	28°♉54'41	26°26'36	
	-3097 May 21 j 20:28	0°♊		
desc. node	-3097 May 24 j 15:26	2°♊16'37		
retrograde	-3097 Jun 03 j 17:54	6°♊12'41		
evening set	-3097 Jun 10 j 03:57	4°♊28'27		
min. Earth dist.	-3097 Jun 14 j 05:26	1°♊48'22	0.59716 AU	
	-3097 Jun 16 j 12:31	30°℞♉		
inferior conj	-3097 Jun 17 j 14:17	29°♉08'19	-4°-24'-54	
minimum elong	-3097 Jun 17 j 14:08	29°♉08'36	4°24'50	
morning rise	-3097 Jun 25 j 03:50	24°♉32'16		
direct	-3097 Jun 27 j 15:14	24°♉10'06		
morning max el	-3097 Jul 05 j 04:30	27°♉48'21	18°19'10	
	-3097 Jul 07 j 05:46	0°♊		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3097 Jul 09 j 18:59	3°♊20'01	
morning set	-3097 Jul 21 j 04:33	23°♊11'17	
	-3097 Jul 24 j 18:37	0°♋	
superior conj	-3097 Jul 30 j 14:45	10°♋53'01	1°45'49
minimum elong	-3097 Jul 30 j 16:42	11°♋01'55	1°45'50
max. Earth dist.	-3097 Aug 07 j 02:18	24°♋08'01	1.40614 AU
	-3097 Aug 10 j 13:41	0°♌	
evening rise	-3097 Aug 11 j 21:52	2°♌13'10	
desc. node	-3097 Aug 20 j 14:42	16°♌02'40	
	-3097 Aug 30 j 01:02	0°♍	
greatest brilliancy	-3097 Sep 09 j 11:01	13°♍55'24	-0.2m
evening max el	-3097 Sep 15 j 05:48	20°♍26'23	23°13'03
retrograde	-3097 Sep 25 j 12:10	26°♍30'58	
evening set	-3097 Sep 30 j 09:03	24°♍30'54	
inferior conj	-3097 Oct 05 j 17:41	18°♍09'50	0°00'-19
minimum elong	-3097 Oct 05 j 17:42	18°♍09'49	0°00'19
transit middle	-3097 Oct 05 j 17:42	18°♍09'49	0°00'19
transit begin	-3097 Oct 05 j 15:00	18°♍19'07	
transit end	-3097 Oct 05 j 20:24	18°♍00'32	
min. Earth dist.	-3097 Oct 05 j 10:51	18°♍33'20	0.67469 AU
asc. node	-3097 Oct 05 j 18:06	18°♍08'27	
morning rise	-3097 Oct 11 j 02:20	11°♍56'22	
direct	-3097 Oct 15 j 06:55	10°♍19'01	
morning max el	-3097 Oct 24 j 01:58	15°♍30'39	21°30'42
greatest brilliancy	-3097 Oct 29 j 05:24	21°♍25'44	-0.4m
	-3097 Nov 04 j 15:04	0°♎	
desc. node	-3097 Nov 16 j 14:20	17°♎33'41	
morning set	-3097 Nov 24 j 07:54	29°♎32'34	
	-3097 Nov 24 j 14:50	0°♏	
max. Earth dist.	-3097 Dec 01 j 13:18	11°♏11'56	1.42012 AU
superior conj	-3097 Dec 08 j 23:43	23°♏45'03	-1°-51'-52
minimum elong	-3097 Dec 08 j 20:33	23°♏31'22	1°51'49
	-3097 Dec 12 j 13:24	0°♐	
evening rise	-3097 Dec 20 j 01:12	13°♐30'24	
	-3097 Dec 29 j 09:12	0°♑	
asc. node	-3096 Jan 01 j 17:12	5°♑04'15	
evening max el	-3096 Jan 05 j 13:27	9°♑42'08	18°09'24
retrograde	-3096 Jan 12 j 08:36	13°♑10'14	
evening set	-3096 Jan 14 j 23:20	12°♑39'55	
inferior conj	-3096 Jan 21 j 18:30	7°♑43'24	4°00'13
minimum elong	-3096 Jan 21 j 18:38	7°♑43'05	4°00'07
min. Earth dist.	-3096 Jan 24 j 22:17	4°♑47'10	0.60955 AU
morning rise	-3096 Jan 28 j 11:19	2°♑00'04	
	-3096 Feb 01 j 21:55	30°℞♐	
direct	-3096 Feb 04 j 08:36	29°♐42'51	
	-3096 Feb 06 j 20:41	0°♑	
desc. node	-3096 Feb 12 j 13:37	2°♑33'35	
morning max el	-3096 Feb 18 j 11:28	7°♑25'52	27°32'53
	-3096 Mar 06 j 15:17	0°♒	
morning set	-3096 Mar 21 j 13:50	27°♒25'36	
	-3096 Mar 22 j 19:35	0°♓	
max. Earth dist.	-3096 Mar 27 j 20:37	10°♓47'32	1.32593 AU
superior conj	-3096 Mar 28 j 20:05	12°♓55'32	0°-8'-58
minimum elong	-3096 Mar 28 j 20:30	12°♓57'46	0°08'55
behind sun begin	-3096 Mar 28 j 16:18	12°♓34'50	
behind sun end	-3096 Mar 29 j 00:42	13°♓20'42	
asc. node	-3096 Mar 29 j 16:36	14°♓47'31	
evening rise	-3096 Apr 04 j 20:00	28°♓03'19	
	-3096 Apr 05 j 18:17	0°♈	
	-3096 Apr 22 j 21:12	0°♉	
evening max el	-3096 May 01 j 11:26	10°♉07'08	25°12'50
desc. node	-3096 May 10 j 12:32	16°♉18'09	
retrograde	-3096 May 15 j 12:37	17°♉16'22	
evening set	-3096 May 20 j 20:13	16°♉10'49	
min. Earth dist.	-3096 May 25 j 23:37	13°♉21'40	0.57738 AU
inferior conj	-3096 May 29 j 02:25	11°♉13'34	-4°-6'-5
minimum elong	-3096 May 28 j 22:30	11°♉20'22	4°05'32
morning rise	-3096 Jun 06 j 04:46	6°♉58'41	
direct	-3096 Jun 08 j 16:33	6°♉39'59	
morning max el	-3096 Jun 17 j 08:10	10°♉43'02	18°59'59
asc. node	-3096 Jun 25 j 16:02	21°♉46'38	
	-3096 Jun 30 j 06:20	0°♊	
morning set	-3096 Jul 04 j 00:13	7°♊14'41	
superior conj	-3096 Jul 12 j 12:43	23°♊56'42	1°48'39
minimum elong	-3096 Jul 12 j 12:21	23°♊54'58	1°48'45
	-3096 Jul 15 j 17:31	0°♋	
max. Earth dist.	-3096 Jul 19 j 04:37	6°♋21'05	1.38652 AU
evening rise	-3096 Jul 23 j 03:21	13°♋19'25	
	-3096 Aug 02 j 06:42	0°♌	
desc. node	-3096 Aug 06 j 11:43	6°♌26'22	
	-3096 Aug 24 j 00:59	0°♍	
evening max el	-3096 Aug 27 j 17:31	3°♍56'26	24°33'01
retrograde	-3096 Sep 08 j 01:50	10°♍34'33	
evening set	-3096 Sep 13 j 13:45	8°♍15'24	
inferior conj	-3096 Sep 18 j 23:26	1°♍54'35	0°-54'-16
minimum elong	-3096 Sep 19 j 00:44	1°♍50'16	0°53'42
min. Earth dist.	-3096 Sep 18 j 06:08	2°♍52'30	0.67238 AU
	-3096 Sep 20 j 10:14	30°℞♌	
asc. node	-3096 Sep 21 j 15:10	28°♌31'16	
morning rise	-3096 Sep 24 j 12:01	25°♌47'26	
direct	-3096 Sep 28 j 04:09	24°♌29'55	
morning max el	-3096 Oct 05 j 23:54	29°♌02'36	20°17'10
	-3096 Oct 06 j 21:42	0°♍	
greatest brilliancy	-3096 Oct 12 j 18:40	7°♍16'55	-0.6m
	-3096 Oct 28 j 05:40	0°♎	
morning set	-3096 Nov 02 j 06:26	7°♎44'27	
desc. node	-3096 Nov 02 j 11:20	8°♎03'27	
max. Earth dist.	-3096 Nov 12 j 22:35	24°♎32'47	1.43598 AU
	-3096 Nov 16 j 07:35	0°♏	
superior conj	-3096 Nov 18 j 15:15	3°♏47'45	-1°-31'-43
minimum elong	-3096 Nov 18 j 08:30	3°♏20'01	1°31'11
evening rise	-3096 Dec 01 j 11:03	25°♏31'50	
	-3096 Dec 04 j 00:49	0°♐	
asc. node	-3096 Dec 18 j 14:15	22°♐25'58	
evening max el	-3096 Dec 19 j 01:45	22°♐55'49	18°11'19
retrograde	-3096 Dec 25 j 14:40	26°♐24'50	
evening set	-3096 Dec 28 j 08:47	25°♐46'19	
inferior conj	-3095 Jan 03 j 17:01	20°♐28'35	3°52'45
minimum elong	-3095 Jan 03 j 15:09	20°♐33'32	3°52'27
min. Earth dist.	-3095 Jan 06 j 07:52	17°♐42'42	0.62865 AU
morning rise	-3095 Jan 09 j 19:43	14°♐32'38	
direct	-3095 Jan 16 j 20:55	11°♐51'21	
desc. node	-3095 Jan 29 j 10:41	18°♐23'38	
morning max el	-3095 Jan 30 j 17:22	19°♐37'00	27°42'52
	-3095 Feb 08 j 15:21	0°♑	
	-3095 Feb 27 j 12:25	0°♒	
morning set	-3095 Mar 05 j 15:27	11°♒50'10	
max. Earth dist.	-3095 Mar 11 j 05:02	23°♒24'15	1.33016 AU
superior conj	-3095 Mar 13 j 05:21	27°♒43'26	0°-34'-26
minimum elong	-3095 Mar 13 j 06:54	27°♒51'51	0°34'10
	-3095 Mar 14 j 06:37	0°♓	
asc. node	-3095 Mar 16 j 13:38	4°♓57'41	
evening rise	-3095 Mar 20 j 07:43	12°♓59'36	
	-3095 Mar 29 j 00:17	0°♈	
evening max el	-3095 Apr 13 j 03:02	20°♈51'51	23°41'48
retrograde	-3095 Apr 26 j 19:02	27°♈41'03	
desc. node	-3095 Apr 27 j 09:35	27°♈40'14	
evening set	-3095 Apr 30 j 18:03	27°♈06'32	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-3095 May 07 j 14:06	23°♈54'57	0.56136 AU
inferior conj	-3095 May 09 j 18:24	22°♈36'02	-3°-8'-13
minimum elong	-3095 May 09 j 12:10	22°♈45'29	3°06'38
morning rise	-3095 May 18 j 09:56	18°♈36'49	
direct	-3095 May 20 j 22:52	18°♈20'29	
morning max el	-3095 May 31 j 02:32	23°♈02'53	20°01'25
	-3095 Jun 05 j 23:44	0°♉	
asc. node	-3095 Jun 12 j 13:05	10°♉49'01	
morning set	-3095 Jun 18 j 03:17	21°♉42'47	
	-3095 Jun 22 j 04:55	0°♊	
superior conj	-3095 Jun 26 j 00:44	7°♊44'37	1°42'51
minimum elong	-3095 Jun 25 j 22:52	7°♊35'16	1°42'50
max. Earth dist.	-3095 Jul 01 j 08:46	18°♊10'19	1.36788 AU
evening rise	-3095 Jul 05 j 08:29	25°♊35'50	
	-3095 Jul 07 j 19:23	0°♋	
desc. node	-3095 Jul 24 j 08:43	26°♋32'46	
	-3095 Jul 26 j 19:06	0°♌	
evening max el	-3095 Aug 10 j 04:20	17°♌28'38	25°45'46
retrograde	-3095 Aug 22 j 11:05	24°♌31'48	
evening set	-3095 Aug 28 j 13:59	21°♌56'17	
min. Earth dist.	-3095 Sep 01 j 21:44	17°♌10'38	0.66682 AU
inferior conj	-3095 Sep 03 j 02:24	15°♌39'07	-1°-47'-28
minimum elong	-3095 Sep 03 j 04:56	15°♌31'02	1°46'27
morning rise	-3095 Sep 08 j 20:33	9°♌41'27	
asc. node	-3095 Sep 08 j 12:15	9°♌55'03	
direct	-3095 Sep 12 j 02:22	8°♌40'43	
morning max el	-3095 Sep 19 j 05:05	12°♌43'21	19°17'05
greatest brilliancy	-3095 Sep 29 j 22:40	26°♌59'19	-0.7m
	-3095 Oct 01 j 22:22	0°♍	
morning set	-3095 Oct 12 j 11:07	16°♍21'10	
desc. node	-3095 Oct 20 j 08:18	28°♍41'40	
	-3095 Oct 21 j 04:16	0°♎	
max. Earth dist.	-3095 Oct 26 j 13:50	8°♎30'00	1.44586 AU
superior conj	-3095 Oct 29 j 04:27	12°♎38'00	0°-54'-32
minimum elong	-3095 Oct 28 j 22:02	12°♎12'33	0°53'48
	-3095 Nov 08 j 23:11	0°♏	
evening rise	-3095 Nov 12 j 23:42	6°♏36'29	
	-3095 Nov 27 j 13:37	0°♐	
evening max el	-3095 Dec 02 j 14:05	6°♐17'30	18°31'52
asc. node	-3095 Dec 05 j 11:19	8°♐43'35	
retrograde	-3095 Dec 09 j 05:07	9°♐58'10	
evening set	-3095 Dec 12 j 03:44	9°♐10'05	
inferior conj	-3095 Dec 18 j 03:32	3°♐33'36	3°28'52
minimum elong	-3095 Dec 18 j 00:39	3°♐42'03	3°28'11
min. Earth dist.	-3095 Dec 20 j 03:29	1°♐13'20	0.64483 AU
	-3095 Dec 21 j 05:45	30°℞♏	
morning rise	-3095 Dec 23 j 20:18	27°♏28'25	
direct	-3095 Dec 30 j 16:26	24°♏37'55	
	-3094 Jan 10 j 14:29	0°♐	
morning max el	-3094 Jan 13 j 02:34	2°♐20'23	27°17'48
desc. node	-3094 Jan 16 j 07:45	5°♐45'01	
	-3094 Feb 02 j 20:48	0°♑	
morning set	-3094 Feb 17 j 08:36	25°♑44'45	
	-3094 Feb 19 j 12:13	0°♒	
max. Earth dist.	-3094 Feb 22 j 05:10	5°♒30'05	1.33843 AU
superior conj	-3094 Feb 25 j 10:37	12°♒14'30	0°-59'-11
minimum elong	-3094 Feb 25 j 13:11	12°♒28'06	0°58'48
asc. node	-3094 Mar 03 j 10:38	24°♒59'49	
evening rise	-3094 Mar 04 j 18:37	27°♒47'52	
	-3094 Mar 05 j 20:03	0°♓	
	-3094 Mar 24 j 07:20	0°♈	
evening max el	-3094 Mar 25 j 21:08	1°♈35'32	22°07'53
retrograde	-3094 Apr 07 j 13:58	7°♈46'40	
evening set	-3094 Apr 10 j 09:53	7°♈28'55	
desc. node	-3094 Apr 14 j 06:40	6°♈13'15	
min. Earth dist.	-3094 Apr 19 j 03:50	3°♈42'06	0.55231 AU
inferior conj	-3094 Apr 19 j 18:18	3°♈21'42	-1°-30'-38
minimum elong	-3094 Apr 19 j 14:13	3°♈27'28	1°29'16
	-3094 Apr 26 j 16:15	30°℞♓	
morning rise	-3094 Apr 28 j 20:08	29°♓24'34	
direct	-3094 May 01 j 13:50	29°♓07'42	
	-3094 May 06 j 06:28	0°♈	
morning max el	-3094 May 13 j 10:09	4°♈41'43	21°22'02
asc. node	-3094 May 30 j 10:07	0°♉18'09	
	-3094 May 30 j 06:27	0°♉	
morning set	-3094 Jun 02 j 11:20	6°♉28'39	
superior conj	-3094 Jun 09 j 22:39	22°♉04'27	1°30'37
minimum elong	-3094 Jun 09 j 20:06	21°♉51'12	1°30'26
	-3094 Jun 13 j 19:52	0°♊	
max. Earth dist.	-3094 Jun 13 j 20:15	0°♊01'57	1.35206 AU
evening rise	-3094 Jun 18 j 08:11	8°♊49'22	
	-3094 Jun 30 j 09:04	0°♋	
desc. node	-3094 Jul 11 j 05:43	16°♋14'21	
	-3094 Jul 22 j 15:46	0°♌	
evening max el	-3094 Jul 23 j 15:33	0°♌58'53	26°43'20
retrograde	-3094 Aug 05 j 15:29	8°♌16'44	
evening set	-3094 Aug 12 j 07:35	5°♌31'17	
min. Earth dist.	-3094 Aug 16 j 07:25	1°♌24'05	0.65772 AU
	-3094 Aug 17 j 11:39	30°℞♋	
inferior conj	-3094 Aug 18 j 00:39	29°♋21'04	-2°-37'-59
minimum elong	-3094 Aug 18 j 04:11	29°♋10'32	2°36'44
morning rise	-3094 Aug 24 j 01:54	23°♋35'57	
asc. node	-3094 Aug 26 j 09:20	22°♋50'34	
direct	-3094 Aug 26 j 23:44	22°♋48'33	
morning max el	-3094 Sep 02 j 16:01	26°♋30'07	18°32'37
	-3094 Sep 05 j 16:33	0°♌	
morning set	-3094 Sep 22 j 15:50	26°♌10'21	
	-3094 Sep 25 j 00:45	0°♍	
desc. node	-3094 Oct 07 j 05:16	19°♍25'06	
superior conj	-3094 Oct 08 j 04:11	20°♍55'29	0°-6'-6
minimum elong	-3094 Oct 08 j 03:22	20°♍52'17	0°06'00
behind sun begin	-3094 Oct 07 j 16:44	20°♍10'19	
behind sun end	-3094 Oct 08 j 14:01	21°♍34'15	
max. Earth dist.	-3094 Oct 09 j 07:37	22°♍43'34	1.44870 AU
	-3094 Oct 13 j 22:34	0°♎	
evening rise	-3094 Oct 24 j 11:50	16°♎38'22	
	-3094 Nov 01 j 22:46	0°♏	
evening max el	-3094 Nov 16 j 00:00	19°♏43'13	19°09'52
asc. node	-3094 Nov 22 j 08:22	23°♏41'55	
retrograde	-3094 Nov 23 j 00:19	23°♏44'25	
evening set	-3094 Nov 26 j 05:15	22°♏44'47	
inferior conj	-3094 Dec 01 j 22:44	16°♏52'36	2°53'41
minimum elong	-3094 Dec 01 j 19:40	17°♏02'17	2°52'44
min. Earth dist.	-3094 Dec 03 j 08:26	15°♏06'07	0.65747 AU
morning rise	-3094 Dec 07 j 09:10	10°♏40'57	
direct	-3094 Dec 13 j 18:23	7°♏54'46	
morning max el	-3094 Dec 26 j 12:14	15°♏23'14	26°23'36
desc. node	-3093 Jan 03 j 04:48	24°♏11'05	
	-3093 Jan 07 j 14:21	0°♐	
	-3093 Jan 26 j 15:35	0°♑	
morning set	-3093 Jan 31 j 13:29	8°♑57'35	
max. Earth dist.	-3093 Feb 04 j 17:47	16°♑59'36	1.35114 AU
superior conj	-3093 Feb 09 j 09:38	26°♑21'52	-1°-21'-52
minimum elong	-3093 Feb 09 j 12:52	26°♑38'23	1°21'31
	-3093 Feb 11 j 03:58	0°♒	
evening rise	-3093 Feb 17 j 02:52	12°♒22'07	
asc. node	-3093 Feb 18 j 07:39	14°♒49'24	
	-3093 Feb 26 j 09:23	0°♓	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3093 Mar 07 j 23:43	12°♓44'01	20°43'12
retrograde	-3093 Mar 19 j 03:27	18°♓03'24	
evening set	-3093 Mar 21 j 10:56	17°♓50'36	
inferior conj	-3093 Mar 30 j 13:31	13°♓53'07	0°26'39
minimum elong	-3093 Mar 30 j 14:44	13°♓51'22	0°26'12
min. Earth dist.	-3093 Mar 31 j 18:02	13°♓12'02	0.55249 AU
desc. node	-3093 Apr 01 j 03:47	12°♓58'07	
morning rise	-3093 Apr 08 j 16:57	9°♓39'28	
direct	-3093 Apr 12 j 01:48	9°♓14'47	
morning max el	-3093 Apr 25 j 07:41	15°♓41'08	22°56'55
	-3093 May 06 j 12:01	0°♈	
asc. node	-3093 May 17 j 07:08	20°♈06'25	
morning set	-3093 May 17 j 22:19	21°♈25'26	
	-3093 May 21 j 23:21	0°♉	
superior conj	-3093 May 25 j 03:15	6°♉45'38	1°13'39
minimum elong	-3093 May 25 j 00:40	6°♉31'52	1°13'19
max. Earth dist.	-3093 May 27 j 17:37	12°♉14'46	1.33993 AU
evening rise	-3093 Jun 01 j 21:27	22°♉44'56	
	-3093 Jun 05 j 15:52	0°♊	
	-3093 Jun 24 j 01:57	0°♋	
desc. node	-3093 Jun 28 j 02:45	5°♋19'59	
evening max el	-3093 Jul 06 j 02:51	14°♋17'50	27°18'05
retrograde	-3093 Jul 19 j 14:28	21°♋40'45	
evening set	-3093 Jul 26 j 15:43	18°♋55'32	
min. Earth dist.	-3093 Jul 30 j 09:02	15°♋25'10	0.64488 AU
inferior conj	-3093 Aug 01 j 15:52	12°♋55'33	-3°-23'-20
minimum elong	-3093 Aug 01 j 19:51	12°♋44'37	3°22'12
morning rise	-3093 Aug 08 j 01:38	7°♋26'07	
direct	-3093 Aug 10 j 17:55	6°♋48'42	
asc. node	-3093 Aug 13 j 06:25	7°♋21'47	
morning max el	-3093 Aug 17 j 06:18	10°♋17'31	18°05'05
	-3093 Aug 30 j 16:13	0°♌	
morning set	-3093 Sep 04 j 00:07	7°♌19'02	
superior conj	-3093 Sep 17 j 12:51	29°♌42'53	0°41'18
minimum elong	-3093 Sep 17 j 17:23	0°♍01'11	0°40'46
	-3093 Sep 17 j 17:05	0°♍	
max. Earth dist.	-3093 Sep 22 j 01:03	6°♍55'42	1.44429 AU
desc. node	-3093 Sep 24 j 02:12	10°♍10'14	
evening rise	-3093 Oct 04 j 01:41	25°♍44'27	
	-3093 Oct 06 j 19:57	0°♎	
greatest brilliancy	-3093 Oct 23 j 03:13	24°♎21'25	-0.6m
	-3093 Oct 27 j 10:20	0°♏	
evening max el	-3093 Oct 30 j 05:29	3°♏10'02	20°03'38
retrograde	-3093 Nov 06 j 21:27	7°♏39'27	
asc. node	-3093 Nov 09 j 05:27	7°♏07'55	
evening set	-3093 Nov 10 j 10:52	6°♏25'40	
inferior conj	-3093 Nov 15 j 23:50	0°♏21'01	2°10'39
minimum elong	-3093 Nov 15 j 21:11	0°♏29'49	2°09'41
	-3093 Nov 16 j 06:09	30°℞♎	
min. Earth dist.	-3093 Nov 16 j 20:43	29°♎11'28	0.66649 AU
morning rise	-3093 Nov 21 j 06:53	24°♎05'31	
direct	-3093 Nov 27 j 01:54	21°♎33'45	
morning max el	-3093 Dec 08 j 20:55	28°♎34'15	25°09'06
	-3093 Dec 10 j 06:00	0°♏	
desc. node	-3093 Dec 21 j 01:50	13°♏22'35	
	-3092 Jan 01 j 09:06	0°♐	
morning set	-3092 Jan 14 j 01:02	21°♐13'53	
max. Earth dist.	-3092 Jan 17 j 19:10	28°♐05'30	1.36816 AU
	-3092 Jan 18 j 19:38	0°♑	
superior conj	-3092 Jan 23 j 23:32	9°♑57'18	-1°-40'-42
minimum elong	-3092 Jan 24 j 02:41	10°♑12'50	1°40'32
evening rise	-3092 Feb 01 j 06:24	26°♑36'18	
	-3092 Feb 02 j 23:12	0°♒	
asc. node	-3092 Feb 05 j 04:41	4°♒21'20	

evening max el	-3092 Feb 18 j 13:07	24°♒28'57	19°34'55
retrograde	-3092 Feb 28 j 00:03	28°♒58'50	
evening set	-3092 Mar 01 j 06:52	28°♒44'17	
inferior conj	-3092 Mar 09 j 18:16	24°♒39'38	2°10'45
minimum elong	-3092 Mar 09 j 22:55	24°♒32'11	2°09'20
min. Earth dist.	-3092 Mar 12 j 08:41	23°♒00'13	0.56180 AU
morning rise	-3092 Mar 18 j 11:26	19°♒57'21	
desc. node	-3092 Mar 18 j 00:54	20°♒06'23	
direct	-3092 Mar 22 j 22:43	19°♒12'19	
morning max el	-3092 Apr 05 j 23:12	26°♒17'21	24°36'13
	-3092 Apr 09 j 11:45	0°♓	
	-3092 Apr 28 j 07:04	0°♈	
morning set	-3092 May 01 j 10:32	6°♈27'36	
asc. node	-3092 May 03 j 04:10	10°♈08'15	
superior conj	-3092 May 08 j 12:10	21°♈40'26	0°53'12
minimum elong	-3092 May 08 j 10:03	21°♈28'57	0°52'50
max. Earth dist.	-3092 May 09 j 23:52	24°♈53'14	1.33157 AU
	-3092 May 12 j 09:21	0°♉	
evening rise	-3092 May 15 j 20:21	7°♉10'27	
	-3092 May 28 j 04:14	0°♊	
desc. node	-3092 Jun 13 j 23:49	23°♊34'21	
evening max el	-3092 Jun 17 j 12:24	27°♊13'11	27°23'39
	-3092 Jun 20 j 16:32	0°♋	
retrograde	-3092 Jul 01 j 07:12	4°♋35'14	
evening set	-3092 Jul 08 j 10:56	2°♋03'17	
	-3092 Jul 11 j 00:19	30°℞♊	
min. Earth dist.	-3092 Jul 12 j 01:00	29°♊03'15	0.62845 AU
inferior conj	-3092 Jul 14 j 21:14	26°♊16'35	-3°-59'-49
minimum elong	-3092 Jul 15 j 00:46	26°♊07'55	3°59'07
morning rise	-3092 Jul 21 j 16:50	21°♊06'02	
direct	-3092 Jul 24 j 05:54	20°♊35'52	
asc. node	-3092 Jul 30 j 03:30	23°♊18'29	
morning max el	-3092 Jul 30 j 21:17	24°♊00'14	17°55'30
	-3092 Aug 04 j 17:00	0°♋	
morning set	-3092 Aug 16 j 07:43	19°♋34'48	
	-3092 Aug 22 j 05:47	0°♌	
superior conj	-3092 Aug 27 j 22:25	9°♌44'52	1°17'25
minimum elong	-3092 Aug 28 j 03:54	10°♌07'58	1°16'56
max. Earth dist.	-3092 Sep 03 j 15:39	20°♌50'28	1.43327 AU
	-3092 Sep 09 j 09:22	0°♍	
desc. node	-3092 Sep 09 j 23:11	0°♍54'16	
evening rise	-3092 Sep 12 j 06:22	4°♍29'44	
	-3092 Sep 29 j 06:51	0°♎	
greatest brilliancy	-3092 Oct 06 j 21:02	10°♎22'48	-0.5m
evening max el	-3092 Oct 12 j 05:10	16°♎36'37	21°10'30
retrograde	-3092 Oct 20 j 18:23	21°♎40'38	
evening set	-3092 Oct 24 j 18:32	20°♎10'09	
asc. node	-3092 Oct 26 j 02:33	18°♎59'43	
inferior conj	-3092 Oct 30 j 04:37	13°♎56'15	1°22'15
minimum elong	-3092 Oct 30 j 02:48	14°♎02'27	1°21'31
min. Earth dist.	-3092 Oct 30 j 14:03	13°♎23'52	0.67215 AU
morning rise	-3092 Nov 04 j 10:42	7°♎39'30	
direct	-3092 Nov 09 j 14:18	5°♎27'58	
morning max el	-3092 Nov 20 j 05:42	11°♎48'50	23°44'00
	-3092 Dec 04 j 18:39	0°♏	
desc. node	-3092 Dec 06 j 22:49	3°♏06'05	
	-3092 Dec 24 j 04:45	0°♐	
morning set	-3092 Dec 25 j 12:58	2°♐16'05	
max. Earth dist.	-3092 Dec 29 j 14:58	9°♐20'21	1.38831 AU
superior conj	-3091 Jan 06 j 00:20	22°♐49'06	-1°-53'-13
minimum elong	-3091 Jan 06 j 02:14	22°♐58'02	1°53'16
	-3091 Jan 09 j 18:41	0°♑	
evening rise	-3091 Jan 15 j 02:42	10°♑22'47	
asc. node	-3091 Jan 22 j 01:45	23°♑28'24	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3091 Jan 26 j 01:13	0°♒	
evening max el	-3091 Jan 31 j 12:12	6°♒47'24	18°45'54
retrograde	-3091 Feb 08 j 13:43	10°♒41'22	
evening set	-3091 Feb 10 j 23:30	10°♒21'51	
inferior conj	-3091 Feb 18 j 17:34	5°♒59'16	3°20'38
minimum elong	-3091 Feb 18 j 21:45	5°♒51'29	3°19'46
min. Earth dist.	-3091 Feb 22 j 00:52	3°♒33'08	0.57801 AU
morning rise	-3091 Feb 26 j 16:12	0°♒47'41	
	-3091 Feb 28 j 19:28	30°℞♉	
direct	-3091 Mar 04 j 08:11	29°♉29'15	
desc. node	-3091 Mar 04 j 22:00	29°♉30'04	
	-3091 Mar 07 j 21:43	0°♒	
morning max el	-3091 Mar 18 j 14:49	6°♒56'36	26°05'45
	-3091 Apr 04 j 16:19	0°♓	
morning set	-3091 Apr 15 j 22:12	21°♓27'57	
	-3091 Apr 19 j 21:55	0°♈	
asc. node	-3091 Apr 20 j 01:12	0°♈17'48	
superior conj	-3091 Apr 22 j 23:21	6°♈40'57	0°30'15
minimum elong	-3091 Apr 22 j 22:03	6°♈33'50	0°29'58
max. Earth dist.	-3091 Apr 23 j 11:35	7°♈47'50	1.32669 AU
evening rise	-3091 Apr 30 j 01:39	21°♈54'21	
	-3091 May 04 j 02:03	0°♉	
	-3091 May 22 j 09:18	0°♊	
evening max el	-3091 May 30 j 17:18	9°♊31'14	26°56'34
desc. node	-3091 May 31 j 20:54	10°♊35'08	
retrograde	-3091 Jun 13 j 16:42	16°♊50'50	
evening set	-3091 Jun 20 j 12:59	14°♊45'46	
min. Earth dist.	-3091 Jun 24 j 06:50	12°♊03'34	0.60907 AU
inferior conj	-3091 Jun 27 j 13:21	9°♊15'16	-4°-21'-53
minimum elong	-3091 Jun 27 j 15:00	9°♊11'42	4°21'42
morning rise	-3091 Jul 04 j 20:03	4°♊26'23	
direct	-3091 Jul 07 j 07:47	4°♊01'35	
morning max el	-3091 Jul 14 j 10:12	7°♊31'07	18°04'54
asc. node	-3091 Jul 17 j 00:34	10°♊24'47	
	-3091 Jul 28 j 22:01	0°♋	
morning set	-3091 Jul 30 j 08:56	2°♋41'43	
superior conj	-3091 Aug 09 j 11:22	21°♋08'36	1°39'14
minimum elong	-3091 Aug 09 j 14:50	21°♋23'59	1°39'06
	-3091 Aug 14 j 13:36	0°♌	
max. Earth dist.	-3091 Aug 17 j 00:59	4°♌10'45	1.41700 AU
evening rise	-3091 Aug 22 j 21:17	13°♌45'11	
desc. node	-3091 Aug 27 j 20:11	21°♌33'56	
	-3091 Sep 02 j 09:00	0°♍	
greatest brilliancy	-3091 Sep 20 j 04:52	24°♍42'55	-0.3m
	-3091 Sep 24 j 21:36	0°♎	
evening max el	-3091 Sep 24 j 22:49	0°♎03'04	22°26'48
retrograde	-3091 Oct 04 j 13:31	5°♎45'45	
evening set	-3091 Oct 09 j 02:26	3°♎56'33	
asc. node	-3091 Oct 12 j 23:38	29°♍38'11	
	-3091 Oct 12 j 17:02	30°℞♍	
inferior conj	-3091 Oct 14 j 11:09	27°♍36'57	0°30'25
minimum elong	-3091 Oct 14 j 10:26	27°♍39'23	0°30'08
min. Earth dist.	-3091 Oct 14 j 10:05	27°♍40'38	0.67463 AU
morning rise	-3091 Oct 19 j 18:20	21°♍21'34	
direct	-3091 Oct 24 j 06:52	19°♍32'07	
morning max el	-3091 Nov 02 j 17:34	25°♍08'37	22°17'48
	-3091 Nov 07 j 01:33	0°♎	
greatest brilliancy	-3091 Nov 07 j 10:25	0°♎26'59	-0.3m
desc. node	-3091 Nov 23 j 19:49	23°♎12'41	
	-3091 Nov 28 j 07:10	0°♏	
morning set	-3091 Dec 05 j 20:29	11°♏54'54	
max. Earth dist.	-3091 Dec 11 j 12:59	21°♏17'53	1.40906 AU
	-3091 Dec 16 j 14:39	0°♐	
superior conj	-3091 Dec 19 j 07:07	4°♐44'56	-1°-56'-7
minimum elong	-3091 Dec 19 j 06:12	4°♐40'49	1°56'13
evening rise	-3091 Dec 29 j 12:43	23°♐34'53	
	-3090 Jan 01 j 23:28	0°♑	
asc. node	-3090 Jan 08 j 22:48	12°♑02'45	
evening max el	-3090 Jan 14 j 18:37	19°♑33'05	18°16'57
retrograde	-3090 Jan 21 j 21:53	23°♑06'51	
evening set	-3090 Jan 24 j 10:45	22°♑40'51	
inferior conj	-3090 Jan 31 j 13:25	17°♑56'47	3°54'22
minimum elong	-3090 Jan 31 j 15:04	17°♑53'13	3°54'09
min. Earth dist.	-3090 Feb 03 j 21:42	15°♑04'27	0.59779 AU
morning rise	-3090 Feb 07 j 16:14	12°♑22'34	
direct	-3090 Feb 14 j 05:49	10°♑25'24	
desc. node	-3090 Feb 19 j 19:05	11°♑43'31	
morning max el	-3090 Feb 28 j 11:34	18°♑04'59	27°10'45
	-3090 Mar 10 j 11:19	0°♒	
	-3090 Mar 28 j 04:46	0°♓	
morning set	-3090 Mar 31 j 07:36	6°♓20'12	
asc. node	-3090 Apr 06 j 22:13	20°♓30'47	
superior conj	-3090 Apr 07 j 11:04	21°♓41'08	0°05'38
minimum elong	-3090 Apr 07 j 10:49	21°♓39'45	0°05'34
behind sun begin	-3090 Apr 07 j 06:07	21°♓13'57	
behind sun end	-3090 Apr 07 j 15:32	22°♓05'34	
max. Earth dist.	-3090 Apr 07 j 00:58	20°♓45'47	1.32517 AU
	-3090 Apr 11 j 06:28	0°♈	
evening rise	-3090 Apr 14 j 10:58	6°♈48'22	
	-3090 Apr 26 j 17:15	0°♉	
evening max el	-3090 May 12 j 15:44	21°♉05'44	25°58'00
desc. node	-3090 May 18 j 18:00	25°♉52'30	
retrograde	-3090 May 26 j 17:42	28°♉21'18	
evening set	-3090 Jun 01 j 18:02	26°♉53'16	
min. Earth dist.	-3090 Jun 06 j 04:15	24°♉11'32	0.58855 AU
inferior conj	-3090 Jun 09 j 12:34	21°♉42'14	-4°-21'-6
minimum elong	-3090 Jun 09 j 10:51	21°♉45'28	4°20'57
morning rise	-3090 Jun 17 j 07:31	17°♉15'54	
direct	-3090 Jun 19 j 19:02	16°♉55'20	
morning max el	-3090 Jun 27 j 18:09	20°♉42'01	18°34'03
asc. node	-3090 Jul 03 j 21:37	28°♉25'49	
	-3090 Jul 04 j 21:35	0°♊	
morning set	-3090 Jul 13 j 22:55	16°♊27'01	
	-3090 Jul 21 j 00:01	0°♋	
superior conj	-3090 Jul 22 j 22:57	3°♋40'38	1°48'14
minimum elong	-3090 Jul 22 j 23:51	3°♋44'46	1°48'19
max. Earth dist.	-3090 Jul 30 j 04:34	16°♋45'34	1.39778 AU
evening rise	-3090 Aug 03 j 11:40	24°♋07'24	
	-3090 Aug 07 j 00:58	0°♌	
desc. node	-3090 Aug 14 j 17:11	12°♌04'46	
	-3090 Aug 27 j 04:55	0°♍	
evening max el	-3090 Sep 07 j 11:48	13°♍30'35	23°47'23
retrograde	-3090 Sep 18 j 05:36	19°♍50'54	
evening set	-3090 Sep 23 j 08:47	17°♍42'22	
inferior conj	-3090 Sep 28 j 17:40	11°♍20'41	0°-23'-12
minimum elong	-3090 Sep 28 j 18:13	11°♍18'50	0°22'58
min. Earth dist.	-3090 Sep 28 j 06:21	11°♍59'15	0.67406 AU
asc. node	-3090 Sep 29 j 20:43	9°♍49'21	
morning rise	-3090 Oct 04 j 03:47	5°♍09'35	
direct	-3090 Oct 08 j 02:43	3°♍41'14	
morning max el	-3090 Oct 16 j 11:22	8°♍35'42	20°57'57
greatest brilliancy	-3090 Oct 22 j 04:33	15°♍18'16	-0.5m
	-3090 Nov 01 j 16:08	0°♎	
desc. node	-3090 Nov 10 j 16:48	13°♎35'14	
morning set	-3090 Nov 15 j 02:23	20°♎23'44	
	-3090 Nov 21 j 04:02	0°♏	
max. Earth dist.	-3090 Nov 23 j 17:26	4°♏08'03	1.42746 AU
superior conj	-3090 Nov 30 j 14:09	15°♏30'57	-1°-45'-25

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3090 Nov 30 j 09:16	15°♏10'19	1°45'11
	-3090 Dec 08 j 22:46	0°♐	
evening rise	-3090 Dec 12 j 08:36	6°♐04'06	
asc. node	-3090 Dec 26 j 19:50	29°♐54'06	
	-3090 Dec 26 j 21:42	0°♑	
evening max el	-3090 Dec 29 j 05:33	2°♑38'11	18°07'52
retrograde	-3089 Jan 04 j 21:07	6°♑05'29	
evening set	-3089 Jan 07 j 13:04	5°♑31'58	
inferior conj	-3089 Jan 14 j 03:16	0°♑26'23	3°59'28
minimum elong	-3089 Jan 14 j 02:26	0°♑28'26	3°59'19
	-3089 Jan 14 j 13:53	30°℞♐	
min. Earth dist.	-3089 Jan 17 j 02:08	27°♐31'49	0.61791 AU
morning rise	-3089 Jan 20 j 13:29	24°♐36'51	
direct	-3089 Jan 27 j 13:40	22°♐07'23	
desc. node	-3089 Feb 06 j 16:09	26°♐24'30	
morning max el	-3089 Feb 10 j 14:30	29°♐53'08	27°41'40
	-3089 Feb 10 j 17:17	0°♑	
	-3089 Mar 04 j 09:47	0°♒	
morning set	-3089 Mar 15 j 12:43	20°♒57'02	
	-3089 Mar 19 j 20:29	0°♓	
max. Earth dist.	-3089 Mar 21 j 12:07	3°♓33'02	1.32715 AU
superior conj	-3089 Mar 22 j 21:43	6°♓35'10	0°-19'-48
minimum elong	-3089 Mar 22 j 22:37	6°♓40'04	0°19'39
asc. node	-3089 Mar 24 j 19:15	10°♓43'04	
evening rise	-3089 Mar 29 j 22:17	21°♓45'23	
	-3089 Apr 02 j 22:51	0°♈	
	-3089 Apr 22 j 08:03	0°♉	
evening max el	-3089 Apr 24 j 08:45	2°♉03'36	24°35'29
desc. node	-3089 May 05 j 15:04	8°♉50'12	
retrograde	-3089 May 08 j 07:57	9°♉07'06	
evening set	-3089 May 13 j 01:36	8°♉16'21	
min. Earth dist.	-3089 May 18 j 20:43	5°♉18'53	0.56981 AU
inferior conj	-3089 May 21 j 16:07	3°♉29'49	-3°-46'-48
minimum elong	-3089 May 21 j 10:49	3°♉38'27	3°45'47
	-3089 May 27 j 23:55	30°℞♈	
morning rise	-3089 May 30 j 00:08	29°♈22'47	
direct	-3089 Jun 01 j 11:59	29°♈05'28	
	-3089 Jun 05 j 18:46	0°♉	
morning max el	-3089 Jun 10 j 18:16	3°♉23'48	19°23'38
asc. node	-3089 Jun 20 j 18:41	17°♉09'13	
morning set	-3089 Jun 27 j 22:06	0°♊42'09	
	-3089 Jun 27 j 13:37	0°♊	
superior conj	-3089 Jul 06 j 03:32	17°♊05'26	1°47'06
minimum elong	-3089 Jul 06 j 02:26	17°♊00'02	1°47'10
max. Earth dist.	-3089 Jul 12 j 06:30	28°♊44'14	1.37831 AU
	-3089 Jul 12 j 23:00	0°♋	
evening rise	-3089 Jul 16 j 03:50	5°♋45'42	
	-3089 Jul 31 j 00:04	0°♌	
desc. node	-3089 Aug 01 j 14:12	2°♌22'09	
evening max el	-3089 Aug 20 j 22:50	27°♌01'54	25°05'17
	-3089 Aug 24 j 05:50	0°♍	
retrograde	-3089 Sep 01 j 17:36	3°♍52'32	
evening set	-3089 Sep 07 j 11:50	1°♍26'01	
	-3089 Sep 08 j 23:24	30°℞♌	
min. Earth dist.	-3089 Sep 12 j 00:30	26°♌18'26	0.67043 AU
inferior conj	-3089 Sep 12 j 22:28	25°♌06'06	-1°-17'-2
minimum elong	-3089 Sep 13 j 00:18	25°♌00'04	1°16'15
asc. node	-3089 Sep 16 j 17:48	20°♌32'50	
morning rise	-3089 Sep 18 j 13:13	19°♌02'20	
direct	-3089 Sep 22 j 00:36	17°♌52'25	
morning max el	-3089 Sep 29 j 12:26	22°♌11'37	19°49'39
	-3089 Oct 05 j 21:50	0°♍	
greatest brilliancy	-3089 Oct 07 j 09:48	2°♍04'51	-0.6m
morning set	-3089 Oct 25 j 00:26	28°♍37'15	
	-3089 Oct 25 j 21:46	0°♎	

desc. node	-3089 Oct 28 j 13:46	4°♎08'54	
max. Earth dist.	-3089 Nov 06 j 04:56	17°♎44'07	1.44103 AU
superior conj	-3089 Nov 10 j 17:52	25°♎00'43	-1°-17'-52
minimum elong	-3089 Nov 10 j 10:33	24°♎31'11	1°17'10
	-3089 Nov 13 j 19:30	0°♏	
evening rise	-3089 Nov 24 j 09:54	17°♏41'48	
	-3089 Dec 01 j 16:16	0°♐	
evening max el	-3089 Dec 12 j 18:11	15°♐55'52	18°17'54
asc. node	-3089 Dec 13 j 16:52	16°♐50'12	
retrograde	-3089 Dec 19 j 07:03	19°♐28'27	
evening set	-3089 Dec 22 j 02:54	18°♐46'07	
inferior conj	-3089 Dec 28 j 07:18	13°♐20'22	3°44'13
minimum elong	-3089 Dec 28 j 04:53	13°♐27'04	3°43'46
min. Earth dist.	-3089 Dec 30 j 15:59	10°♐43'42	0.63600 AU
morning rise	-3088 Jan 03 j 05:18	7°♐20'14	
direct	-3088 Jan 10 j 05:26	4°♐32'48	
morning max el	-3088 Jan 23 j 21:54	12°♐18'20	27°36'07
desc. node	-3088 Jan 24 j 13:12	12°♐56'44	
	-3088 Feb 07 j 02:17	0°♑	
	-3088 Feb 24 j 19:47	0°♒	
morning set	-3088 Feb 27 j 11:04	5°♒09'36	
max. Earth dist.	-3088 Mar 03 j 17:10	15°♒56'10	1.33308 AU
superior conj	-3088 Mar 06 j 05:30	21°♒16'31	0°-45'-6
minimum elong	-3088 Mar 06 j 07:31	21°♒27'20	0°44'47
	-3088 Mar 10 j 06:55	0°♓	
asc. node	-3088 Mar 10 j 16:15	0°♓50'02	
evening rise	-3088 Mar 13 j 09:51	6°♓38'36	
	-3088 Mar 25 j 22:51	0°♈	
evening max el	-3088 Apr 05 j 00:45	12°♈44'41	23°01'34
retrograde	-3088 Apr 18 j 09:00	19°♈19'34	
evening set	-3088 Apr 21 j 18:51	18°♈54'09	
desc. node	-3088 Apr 21 j 12:09	18°♈58'05	
min. Earth dist.	-3088 Apr 29 j 10:55	15°♈29'24	0.55641 AU
inferior conj	-3088 May 01 j 00:21	14°♈35'00	-2°-31'-5
minimum elong	-3088 Apr 30 j 18:24	14°♈43'39	2°29'20
morning rise	-3088 May 09 j 20:49	10°♈38'20	
direct	-3088 May 12 j 10:58	10°♈22'17	
morning max el	-3088 May 23 j 08:04	15°♈26'13	20°33'32
	-3088 Jun 03 j 03:24	0°♉	
asc. node	-3088 Jun 06 j 15:43	6°♉23'50	
morning set	-3088 Jun 11 j 03:35	15°♉18'30	
	-3088 Jun 18 j 06:52	0°♊	
superior conj	-3088 Jun 18 j 20:12	1°♊07'57	1°38'21
minimum elong	-3088 Jun 18 j 17:57	0°♊56'30	1°38'15
max. Earth dist.	-3088 Jun 23 j 13:16	10°♊31'26	1.36077 AU
evening rise	-3088 Jun 27 j 17:34	18°♊28'28	
	-3088 Jul 04 j 04:39	0°♋	
desc. node	-3088 Jul 18 j 11:14	22°♋19'03	
	-3088 Jul 24 j 03:43	0°♌	
evening max el	-3088 Aug 02 j 10:00	10°♌34'55	26°12'36
retrograde	-3088 Aug 15 j 00:48	17°♌45'05	
evening set	-3088 Aug 21 j 09:32	15°♌04'44	
min. Earth dist.	-3088 Aug 25 j 13:57	10°♌35'07	0.66344 AU
inferior conj	-3088 Aug 26 j 23:42	8°♌50'10	-2°-9'-21
minimum elong	-3088 Aug 27 j 02:42	8°♌40'51	2°08'11
morning rise	-3088 Sep 01 j 20:41	2°♌57'09	
asc. node	-3088 Sep 02 j 14:53	2°♌33'36	
direct	-3088 Sep 04 j 22:52	2°♌02'22	
morning max el	-3088 Sep 11 j 20:14	5°♌54'54	18°56'03
	-3088 Sep 28 j 17:18	0°♍	
morning set	-3088 Oct 03 j 14:07	7°♍41'50	
desc. node	-3088 Oct 14 j 10:45	24°♍49'43	
	-3088 Oct 17 j 17:35	0°♎	
max. Earth dist.	-3088 Oct 18 j 21:48	1°♎51'07	1.44804 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3088 Oct 19 j 22:59	3°♎30'23	0°-34'-42
minimum elong	-3088 Oct 19 j 18:31	3°♎12'46	0°34'09
evening rise	-3088 Nov 04 j 12:18	28°♎20'00	
	-3088 Nov 05 j 13:00	0°♏	
evening max el	-3088 Nov 25 j 05:53	29°♏20'25	18°46'02
	-3088 Nov 25 j 21:50	0°♐	
asc. node	-3088 Nov 29 j 13:55	2°♐36'21	
retrograde	-3088 Dec 01 j 23:51	3°♐08'21	
evening set	-3088 Dec 05 j 01:01	2°♐15'29	
	-3088 Dec 07 j 20:36	30°℞♏	
inferior conj	-3088 Dec 10 j 21:54	26°♏32'01	3°15'02
minimum elong	-3088 Dec 10 j 18:51	26°♏41'15	3°14'14
min. Earth dist.	-3088 Dec 12 j 15:37	24°♏25'38	0.65072 AU
morning rise	-3088 Dec 16 j 11:36	20°♏24'04	
direct	-3088 Dec 23 j 03:46	17°♏33'58	
morning max el	-3087 Jan 05 j 07:25	25°♏11'09	26°57'48
	-3087 Jan 09 j 17:47	0°♐	
desc. node	-3087 Jan 10 j 10:14	0°♐48'29	
	-3087 Jan 30 j 13:01	0°♑	
morning set	-3087 Feb 09 j 23:31	18°♑47'59	
max. Earth dist.	-3087 Feb 14 j 12:44	27°♑46'56	1.34331 AU
	-3087 Feb 15 j 14:54	0°♒	
superior conj	-3087 Feb 18 j 08:27	5°♒38'47	-1°-9'-9
minimum elong	-3087 Feb 18 j 11:22	5°♒54'00	1°08'46
evening rise	-3087 Feb 25 j 19:53	21°♒22'04	
asc. node	-3087 Feb 25 j 13:16	20°♒47'37	
	-3087 Mar 02 j 02:24	0°♓	
evening max el	-3087 Mar 17 j 22:00	23°♓36'35	21°30'11
retrograde	-3087 Mar 29 j 23:49	29°♓26'00	
evening set	-3087 Apr 01 j 12:54	29°♓11'18	
desc. node	-3087 Apr 08 j 09:14	26°♓32'16	
inferior conj	-3087 Apr 10 j 20:28	25°♓10'34	0°-41'-20
minimum elong	-3087 Apr 10 j 18:31	25°♓13'17	0°40'41
min. Earth dist.	-3087 Apr 11 j 00:30	25°♓04'53	0.55125 AU
morning rise	-3087 Apr 20 j 00:23	21°♓08'52	
direct	-3087 Apr 22 j 23:20	20°♓49'42	
morning max el	-3087 May 05 j 10:57	26°♓46'16	22°01'09
	-3087 May 08 j 13:14	0°♈	
asc. node	-3087 May 24 j 12:46	26°♈01'39	
	-3087 May 26 j 11:17	0°♉	
morning set	-3087 May 26 j 13:07	0°♉09'30	
superior conj	-3087 Jun 02 j 21:17	15°♉37'21	1°23'56
minimum elong	-3087 Jun 02 j 18:39	15°♉23'30	1°23'39
max. Earth dist.	-3087 Jun 06 j 05:13	22°♉31'36	1.34647 AU
	-3087 Jun 09 j 22:45	0°♊	
evening rise	-3087 Jun 10 j 23:35	2°♊00'58	
	-3087 Jun 27 j 03:05	0°♋	
desc. node	-3087 Jul 05 j 08:16	11°♋46'34	
evening max el	-3087 Jul 15 j 21:34	24°♋01'53	27°01'18
	-3087 Jul 23 j 20:32	0°♌	
retrograde	-3087 Jul 29 j 02:43	1°♌21'56	
	-3087 Aug 02 j 22:50	30°℞♋	
evening set	-3087 Aug 04 j 23:29	28°♋35'12	
min. Earth dist.	-3087 Aug 08 j 20:22	24°♋44'12	0.65278 AU
inferior conj	-3087 Aug 10 j 19:16	22°♋29'16	-2°-58'-2
minimum elong	-3087 Aug 10 j 23:05	22°♋18'17	2°56'47
morning rise	-3087 Aug 16 j 23:58	16°♋50'26	
direct	-3087 Aug 19 j 19:16	16°♋07'30	
asc. node	-3087 Aug 20 j 11:59	16°♋10'09	
morning max el	-3087 Aug 26 j 08:54	19°♋42'15	18°18'47
	-3087 Sep 03 j 03:06	0°♌	
morning set	-3087 Sep 14 j 06:52	18°♌06'06	
	-3087 Sep 21 j 13:44	0°♍	
superior conj	-3087 Sep 28 j 23:44	11°♍52'31	0°14'55
minimum elong	-3087 Sep 29 j 01:37	12°♍00'01	0°14'42
behind sun begin	-3087 Sep 28 j 20:48	11°♍40'52	
behind sun end	-3087 Sep 29 j 06:27	12°♍19'09	
desc. node	-3087 Oct 01 j 07:43	15°♍34'05	
max. Earth dist.	-3087 Oct 01 j 16:29	16°♍08'41	1.44775 AU
	-3087 Oct 10 j 12:18	0°♎	
evening rise	-3087 Oct 15 j 14:13	7°♎56'24	
	-3087 Oct 29 j 21:27	0°♏	
greatest brilliancy	-3087 Oct 30 j 18:45	1°♏18'40	-0.7m
evening max el	-3087 Nov 08 j 14:09	12°♏46'47	19°30'54
retrograde	-3087 Nov 15 j 20:14	16°♏59'00	
asc. node	-3087 Nov 16 j 11:00	16°♏56'49	
evening set	-3087 Nov 19 j 04:36	15°♏53'28	
inferior conj	-3087 Nov 24 j 19:55	9°♏55'19	2°36'12
minimum elong	-3087 Nov 24 j 16:58	10°♏04'53	2°35'13
min. Earth dist.	-3087 Nov 25 j 23:52	8°♏24'47	0.66176 AU
morning rise	-3087 Nov 30 j 04:37	3°♏41'51	
direct	-3087 Dec 06 j 07:57	1°♏01'11	
morning max el	-3087 Dec 18 j 16:52	8°♏18'55	25°53'52
desc. node	-3087 Dec 28 j 07:16	19°♏35'30	
	-3086 Jan 04 j 18:15	0°♐	
	-3086 Jan 23 j 00:14	0°♑	
morning set	-3086 Jan 23 j 21:42	1°♑38'18	
max. Earth dist.	-3086 Jan 27 j 20:38	9°♑05'06	1.35797 AU
superior conj	-3086 Feb 02 j 03:58	19°♑33'15	-1°-30'-28
minimum elong	-3086 Feb 02 j 07:16	19°♑49'56	1°30'11
	-3086 Feb 07 j 06:30	0°♒	
evening rise	-3086 Feb 10 j 02:25	5°♒48'28	
asc. node	-3086 Feb 12 j 10:17	10°♒30'14	
	-3086 Feb 23 j 20:12	0°♓	
evening max el	-3086 Feb 28 j 04:57	4°♓58'56	20°11'47
retrograde	-3086 Mar 10 j 15:03	9°♓56'34	
evening set	-3086 Mar 12 j 21:20	9°♓43'33	
inferior conj	-3086 Mar 21 j 18:04	5°♓44'18	1°14'11
minimum elong	-3086 Mar 21 j 21:12	5°♓39'35	1°13'06
min. Earth dist.	-3086 Mar 23 j 14:33	4°♓37'53	0.55544 AU
desc. node	-3086 Mar 26 j 06:20	3°♓08'51	
morning rise	-3086 Mar 30 j 18:34	1°♓19'32	
direct	-3086 Apr 03 j 13:29	0°♓48'08	
morning max el	-3086 Apr 17 j 05:17	7°♓32'32	23°39'34
	-3086 May 03 j 07:53	0°♈	
morning set	-3086 May 11 j 00:50	15°♈09'01	
asc. node	-3086 May 11 j 09:48	15°♈56'05	
	-3086 May 17 j 23:22	0°♉	
superior conj	-3086 May 18 j 03:59	0°♉24'48	1°05'20
minimum elong	-3086 May 18 j 01:33	0°♉11'42	1°04'59
max. Earth dist.	-3086 May 20 j 06:40	4°♉55'17	1.33587 AU
evening rise	-3086 May 25 j 17:20	16°♉09'54	
	-3086 Jun 02 j 00:01	0°♊	
	-3086 Jun 21 j 18:38	0°♋	
desc. node	-3086 Jun 22 j 05:19	0°♋32'22	
evening max el	-3086 Jun 28 j 08:13	7°♋11'28	27°24'17
retrograde	-3086 Jul 11 j 23:08	14°♋34'46	
evening set	-3086 Jul 19 j 02:38	11°♋53'06	
min. Earth dist.	-3086 Jul 22 j 17:51	8°♋37'10	0.63827 AU
inferior conj	-3086 Jul 25 j 06:40	5°♋58'34	-3°-40'-11
minimum elong	-3086 Jul 25 j 10:37	5°♋48'15	3°39'12
morning rise	-3086 Jul 31 j 20:30	0°♋37'09	
direct	-3086 Aug 03 j 11:10	0°♋03'08	
asc. node	-3086 Aug 07 j 09:05	1°♋19'29	
morning max el	-3086 Aug 09 j 23:54	3°♋28'47	17°58'53
morning set	-3086 Aug 27 j 01:49	29°♋45'26	
	-3086 Aug 27 j 05:12	0°♌	
superior conj	-3086 Sep 08 j 18:03	21°♌09'26	0°58'20

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3086 Sep 08 j 23:31	21°♌31'52	0°57'44
	-3086 Sep 14 j 05:07	0°♍	
max. Earth dist.	-3086 Sep 14 j 09:10	0°♍16'11	1.44029 AU
desc. node	-3086 Sep 18 j 04:43	6°♍19'23	
evening rise	-3086 Sep 24 j 22:05	16°♍48'23	
	-3086 Oct 03 j 13:31	0°♎	
greatest brilliancy	-3086 Oct 16 j 11:38	18°♎42'08	-0.5m
evening max el	-3086 Oct 22 j 17:12	26°♎13'26	20°30'32
	-3086 Oct 27 j 09:06	0°♏	
retrograde	-3086 Oct 30 j 17:41	0°♏57'20	
	-3086 Nov 02 j 21:25	30°℞♎	
evening set	-3086 Nov 03 j 11:22	29°♎36'45	
asc. node	-3086 Nov 03 j 08:06	29°♎42'33	
inferior conj	-3086 Nov 08 j 22:53	23°♎27'27	1°50'41
minimum elong	-3086 Nov 08 j 20:33	23°♎35'20	1°49'46
min. Earth dist.	-3086 Nov 09 j 14:43	22°♎33'54	0.66930 AU
morning rise	-3086 Nov 14 j 05:15	17°♎10'53	
direct	-3086 Nov 19 j 17:37	14°♎47'26	
morning max el	-3086 Dec 01 j 01:35	21°♎32'43	24°33'34
	-3086 Dec 08 j 10:12	0°♏	
desc. node	-3086 Dec 15 j 04:17	9°♏01'54	
	-3086 Dec 29 j 00:49	0°♐	
morning set	-3085 Jan 06 j 00:01	13°♐25'11	
max. Earth dist.	-3085 Jan 09 j 18:47	20°♐10'14	1.37652 AU
	-3085 Jan 15 j 01:13	0°♑	
superior conj	-3085 Jan 16 j 12:48	2°♑51'02	-1°-46'-59
minimum elong	-3085 Jan 16 j 15:35	3°♑04'33	1°46'54
evening rise	-3085 Jan 25 j 03:12	19°♑51'28	
asc. node	-3085 Jan 30 j 07:19	29°♑52'13	
	-3085 Jan 30 j 09:00	0°♒	
evening max el	-3085 Feb 10 j 22:37	16°♒58'09	19°11'32
retrograde	-3085 Feb 19 j 18:22	21°♒11'07	
evening set	-3085 Feb 22 j 02:05	20°♒54'52	
inferior conj	-3085 Mar 02 j 06:03	16°♒43'28	2°45'04
minimum elong	-3085 Mar 02 j 10:55	16°♒35'10	2°43'47
min. Earth dist.	-3085 Mar 05 j 05:54	14°♒41'53	0.56803 AU
morning rise	-3085 Mar 10 j 15:51	11°♒47'39	
desc. node	-3085 Mar 13 j 03:26	11°♒04'34	
direct	-3085 Mar 15 j 15:29	10°♒49'46	
morning max el	-3085 Mar 29 j 20:16	18°♒06'51	25°16'30
	-3085 Apr 08 j 16:33	0°♓	
	-3085 Apr 25 j 10:56	0°♈	
morning set	-3085 Apr 25 j 12:58	0°♈10'41	
asc. node	-3085 Apr 28 j 06:49	6°♈01'27	
superior conj	-3085 May 02 j 14:03	15°♈22'34	0°43'42
minimum elong	-3085 May 02 j 12:15	15°♈12'43	0°43'22
max. Earth dist.	-3085 May 03 j 15:25	17°♈40'26	1.32899 AU
	-3085 May 09 j 10:43	0°♉	
evening rise	-3085 May 09 j 19:14	0°♉43'46	
	-3085 May 26 j 00:45	0°♊	
desc. node	-3085 Jun 09 j 02:24	18°♊18'18	
evening max el	-3085 Jun 10 j 15:53	19°♊51'14	27°16'16
retrograde	-3085 Jun 24 j 13:15	27°♊13'24	
evening set	-3085 Jul 01 j 15:06	24°♊51'03	
min. Earth dist.	-3085 Jul 05 j 05:28	22°♊00'36	0.62036 AU
inferior conj	-3085 Jul 08 j 06:49	19°♊10'38	-4°-11'-25
minimum elong	-3085 Jul 08 j 09:45	19°♊03'48	4°10'58
morning rise	-3085 Jul 15 j 07:01	14°♊09'16	
direct	-3085 Jul 17 j 19:10	13°♊41'44	
morning max el	-3085 Jul 24 j 14:24	17°♊07'19	17°57'13
asc. node	-3085 Jul 25 j 06:09	17°♊47'22	
	-3085 Aug 02 j 17:58	0°♋	
morning set	-3085 Aug 09 j 17:32	12°♋24'00	
	-3085 Aug 19 j 14:49	0°♌	
superior conj	-3085 Aug 20 j 15:33	1°♌46'45	1°28'23
minimum elong	-3085 Aug 20 j 20:22	2°♌07'32	1°28'03
max. Earth dist.	-3085 Aug 27 j 21:08	13°♌55'35	1.42677 AU
evening rise	-3085 Sep 04 j 04:42	25°♌39'32	
desc. node	-3085 Sep 05 j 01:44	27°♌01'53	
	-3085 Sep 06 j 23:33	0°♍	
	-3085 Sep 27 j 13:07	0°♎	
greatest brilliancy	-3085 Sep 30 j 16:08	4°♎01'52	-0.4m
evening max el	-3085 Oct 05 j 14:12	9°♎39'32	21°42'04
retrograde	-3085 Oct 14 j 14:06	15°♎00'11	
evening set	-3085 Oct 18 j 19:20	13°♎22'09	
asc. node	-3085 Oct 21 j 05:11	10°♎59'07	
inferior conj	-3085 Oct 24 j 04:39	7°♎05'22	1°00'39
minimum elong	-3085 Oct 24 j 03:17	7°♎10'05	1°00'03
min. Earth dist.	-3085 Oct 24 j 09:36	6°♎48'15	0.67356 AU
morning rise	-3085 Oct 29 j 10:57	0°♎48'34	
	-3085 Oct 30 j 12:39	30°℞♍	
direct	-3085 Nov 03 j 08:01	28°♍46'13	
	-3085 Nov 07 j 12:17	0°♎	
morning max el	-3085 Nov 13 j 11:13	4°♎48'56	23°06'54
greatest brilliancy	-3085 Nov 18 j 11:44	10°♎27'43	-0.3m
desc. node	-3085 Dec 02 j 01:19	28°♎56'13	
	-3085 Dec 02 j 18:39	0°♏	
morning set	-3085 Dec 18 j 00:18	23°♏52'54	
	-3085 Dec 21 j 15:19	0°♐	
max. Earth dist.	-3085 Dec 22 j 14:08	1°♐38'06	1.39722 AU
superior conj	-3085 Dec 30 j 06:39	15°♐21'04	-1°-55'-52
minimum elong	-3085 Dec 30 j 07:33	15°♐25'13	1°55'58
	-3084 Jan 07 j 00:57	0°♑	
evening rise	-3084 Jan 08 j 19:33	3°♑24'20	
asc. node	-3084 Jan 17 j 04:21	18°♑46'37	
evening max el	-3084 Jan 25 j 01:18	29°♑30'06	18°31'10
	-3084 Jan 25 j 14:05	0°♒	
retrograde	-3084 Feb 01 j 15:53	3°♒13'15	
evening set	-3084 Feb 04 j 03:03	2°♒51'08	
	-3084 Feb 09 j 10:07	30°℞♑	
inferior conj	-3084 Feb 11 j 14:17	28°♑20'00	3°38'59
minimum elong	-3084 Feb 11 j 17:29	28°♑13'38	3°38'27
min. Earth dist.	-3084 Feb 14 j 23:55	25°♑39'31	0.58621 AU
morning rise	-3084 Feb 19 j 04:18	22°♑57'50	
direct	-3084 Feb 25 j 06:56	21°♑22'28	
desc. node	-3084 Feb 28 j 00:30	21°♑41'13	
morning max el	-3084 Mar 10 j 13:36	28°♑56'25	26°37'01
	-3084 Mar 11 j 15:05	0°♒	
	-3084 Apr 01 j 07:27	0°♓	
morning set	-3084 Apr 08 j 23:53	15°♓08'42	
asc. node	-3084 Apr 14 j 03:50	26°♓13'17	
	-3084 Apr 15 j 21:16	0°♈	
superior conj	-3084 Apr 16 j 01:42	0°♈24'16	0°19'57
minimum elong	-3084 Apr 16 j 00:49	0°♈19'28	0°19'47
max. Earth dist.	-3084 Apr 16 j 04:13	0°♈38'04	1.32562 AU
evening rise	-3084 Apr 23 j 02:33	15°♈33'33	
	-3084 Apr 30 j 10:15	0°♉	
	-3084 May 20 j 21:40	0°♊	
evening max el	-3084 May 22 j 18:19	1°♊51'44	26°35'20
desc. node	-3084 May 25 j 23:27	4°♊39'26	
retrograde	-3084 Jun 05 j 19:29	9°♊09'59	
evening set	-3084 Jun 12 j 08:35	7°♊20'13	
min. Earth dist.	-3084 Jun 16 j 07:42	4°♊40'03	0.60029 AU
inferior conj	-3084 Jun 19 j 16:12	1°♊57'16	-4°-25'-1
minimum elong	-3084 Jun 19 j 16:34	1°♊56'30	4°24'56
	-3084 Jun 22 j 04:11	30°℞♉	
morning rise	-3084 Jun 27 j 03:56	27°♉17'45	
direct	-3084 Jun 29 j 15:24	26°♉54'55	
	-3084 Jul 06 j 12:16	0°♊	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3084 Jul 07 j 01:30	0°♊30'32	18°14'46
asc. node	-3084 Jul 11 j 03:13	5°♊18'35	
morning set	-3084 Jul 23 j 00:40	25°♊48'19	
	-3084 Jul 25 j 05:57	0°♋	
superior conj	-3084 Aug 01 j 14:45	13°♋40'44	1°44'28
minimum elong	-3084 Aug 01 j 17:06	13°♋51'23	1°44'27
max. Earth dist.	-3084 Aug 09 j 03:35	26°♋55'35	1.40905 AU
	-3084 Aug 10 j 23:14	0°♌	
evening rise	-3084 Aug 14 j 04:40	5°♌20'29	
desc. node	-3084 Aug 21 j 22:44	17°♌38'02	
	-3084 Aug 30 j 05:28	0°♍	
greatest brilliancy	-3084 Sep 12 j 00:52	17°♍16'30	-0.3m
evening max el	-3084 Sep 17 j 05:43	23°♍06'17	23°01'02
retrograde	-3084 Sep 27 j 07:58	29°♍05'05	
evening set	-3084 Oct 02 j 02:46	27°♍07'52	
inferior conj	-3084 Oct 07 j 11:22	20°♍47'11	0°07'49
minimum elong	-3084 Oct 07 j 11:11	20°♍47'49	0°07'45
transit middle	-3084 Oct 07 j 11:11	20°♍47'49	0°07'45
transit begin	-3084 Oct 07 j 08:49	20°♍56'00	
transit end	-3084 Oct 07 j 13:34	20°♍39'37	
asc. node	-3084 Oct 07 j 02:16	21°♍18'30	
min. Earth dist.	-3084 Oct 07 j 06:03	21°♍05'31	0.67477 AU
morning rise	-3084 Oct 12 j 19:35	14°♍33'10	
direct	-3084 Oct 17 j 02:13	12°♍52'40	
morning max el	-3084 Oct 26 j 01:06	18°♍10'24	21°42'39
greatest brilliancy	-3084 Oct 31 j 00:35	23°♍52'02	-0.4m
	-3084 Nov 04 j 16:52	0°♎	
desc. node	-3084 Nov 17 j 22:18	19°♎10'11	
	-3084 Nov 24 j 22:48	0°♏	
morning set	-3084 Nov 26 j 19:43	2°♏57'27	
max. Earth dist.	-3084 Dec 03 j 14:31	13°♏57'38	1.41735 AU
superior conj	-3084 Dec 11 j 04:04	26°♏49'11	-1°-53'-29
minimum elong	-3084 Dec 11 j 01:31	26°♏38'04	1°53'30
	-3084 Dec 12 j 23:33	0°♐	
evening rise	-3084 Dec 22 j 00:03	16°♐19'06	
	-3084 Dec 29 j 14:40	0°♑	
asc. node	-3083 Jan 03 j 01:23	7°♑04'07	
evening max el	-3083 Jan 07 j 10:04	12°♑25'29	18°10'42
retrograde	-3083 Jan 14 j 06:56	15°♑54'33	
evening set	-3083 Jan 16 j 21:12	15°♑25'20	
inferior conj	-3083 Jan 23 j 18:12	10°♑31'56	3°59'29
minimum elong	-3083 Jan 23 j 18:43	10°♑30'45	3°59'22
min. Earth dist.	-3083 Jan 26 j 23:23	7°♑36'04	0.60653 AU
morning rise	-3083 Jan 30 j 13:31	4°♑50'52	
direct	-3083 Feb 06 j 09:11	2°♑38'36	
desc. node	-3083 Feb 13 j 21:34	5°♑01'48	
morning max el	-3083 Feb 20 j 12:48	10°♑20'33	27°28'19
	-3083 Mar 07 j 19:43	0°♒	
morning set	-3083 Mar 24 j 07:43	29°♒55'11	
	-3083 Mar 24 j 08:39	0°♓	
max. Earth dist.	-3083 Mar 30 j 17:13	13°♓33'39	1.32565 AU
superior conj	-3083 Mar 31 j 13:10	15°♓22'34	0°-5'-6
minimum elong	-3083 Mar 31 j 13:23	15°♓23'49	0°05'05
behind sun begin	-3083 Mar 31 j 08:36	14°♓57'37	
behind sun end	-3083 Mar 31 j 18:11	15°♓50'02	
asc. node	-3083 Apr 01 j 00:49	16°♓26'20	
	-3083 Apr 07 j 07:17	0°♈	
evening rise	-3083 Apr 07 j 12:58	0°♈29'57	
	-3083 Apr 23 j 20:23	0°♉	
evening max el	-3083 May 04 j 14:17	13°♉09'21	25°25'08
desc. node	-3083 May 12 j 20:30	19°♉01'52	
retrograde	-3083 May 18 j 15:45	20°♉20'15	
evening set	-3083 May 24 j 04:04	19°♉09'00	
min. Earth dist.	-3083 May 29 j 02:29	16°♉22'17	0.58023 AU
inferior conj	-3083 Jun 01 j 07:15	14°♉08'07	-4°-11'-19
minimum elong	-3083 Jun 01 j 03:52	14°♉14'04	4°10'53
morning rise	-3083 Jun 09 j 07:39	9°♉50'23	
direct	-3083 Jun 11 j 19:26	9°♉31'11	
morning max el	-3083 Jun 20 j 06:20	13°♉29'23	18°52'35
asc. node	-3083 Jun 28 j 00:16	23°♉38'40	
	-3083 Jul 01 j 15:53	0°♊	
morning set	-3083 Jul 06 j 18:57	9°♊47'12	
superior conj	-3083 Jul 15 j 10:12	26°♊36'34	1°48'50
minimum elong	-3083 Jul 15 j 10:08	26°♊36'18	1°48'56
	-3083 Jul 17 j 05:14	0°♋	
max. Earth dist.	-3083 Jul 22 j 06:13	9°♋14'19	1.38943 AU
evening rise	-3083 Jul 26 j 06:14	16°♋15'05	
	-3083 Aug 03 j 14:22	0°♌	
desc. node	-3083 Aug 08 j 19:43	8°♌03'38	
	-3083 Aug 24 j 19:16	0°♍	
evening max el	-3083 Aug 30 j 17:40	6°♍35'29	24°21'23
retrograde	-3083 Sep 10 j 22:14	13°♍09'10	
evening set	-3083 Sep 16 j 07:55	10°♍52'35	
min. Earth dist.	-3083 Sep 21 j 01:36	5°♍24'30	0.67290 AU
inferior conj	-3083 Sep 21 j 17:21	4°♍31'29	0°-46'-8
minimum elong	-3083 Sep 21 j 18:27	4°♍27'48	0°45'38
asc. node	-3083 Sep 23 j 23:22	1°♍36'04	
	-3083 Sep 25 j 09:22	30°℞♌	
morning rise	-3083 Sep 27 j 05:15	28°♌23'20	
direct	-3083 Sep 30 j 23:04	27°♌03'07	
	-3083 Oct 07 j 03:10	0°♍	
morning max el	-3083 Oct 08 j 21:57	1°♍41'05	20°27'22
greatest brilliancy	-3083 Oct 15 j 09:03	9°♍27'29	-0.5m
	-3083 Oct 29 j 12:16	0°♎	
desc. node	-3083 Nov 04 j 19:18	9°♎38'07	
morning set	-3083 Nov 05 j 19:25	11°♎11'29	
max. Earth dist.	-3083 Nov 15 j 22:49	27°♎11'43	1.43393 AU
	-3083 Nov 17 j 16:28	0°♏	
superior conj	-3083 Nov 21 j 23:41	7°♏02'59	-1°-35'-53
minimum elong	-3083 Nov 21 j 17:19	6°♏36'40	1°35'27
evening rise	-3083 Dec 04 j 12:39	28°♏27'59	
	-3083 Dec 05 j 09:41	0°♐	
asc. node	-3083 Dec 20 j 22:26	24°♐33'53	
evening max el	-3083 Dec 21 j 22:04	25°♐36'52	18°09'47
retrograde	-3083 Dec 28 j 11:25	29°♐05'12	
evening set	-3083 Dec 31 j 04:56	28°♐28'00	
inferior conj	-3082 Jan 06 j 14:37	23°♐13'16	3°55'03
minimum elong	-3082 Jan 06 j 12:59	23°♐17'30	3°54'48
min. Earth dist.	-3082 Jan 09 j 07:35	20°♐24'37	0.62595 AU
morning rise	-3082 Jan 12 j 19:07	17°♐18'45	
direct	-3082 Jan 19 j 20:17	14°♐40'10	
desc. node	-3082 Jan 31 j 18:38	20°♐34'43	
morning max el	-3082 Feb 02 j 18:06	22°♐26'00	27°43'42
	-3082 Feb 09 j 11:31	0°♑	
	-3082 Feb 28 j 22:31	0°♒	
morning set	-3082 Mar 08 j 10:19	14°♒22'52	
max. Earth dist.	-3082 Mar 14 j 02:30	26°♒13'20	1.32929 AU
superior conj	-3082 Mar 15 j 22:48	0°♓11'45	0°-30'-35
minimum elong	-3082 Mar 16 j 00:12	0°♓19'16	0°30'22
	-3082 Mar 15 j 20:38	0°♓	
asc. node	-3082 Mar 18 j 21:49	6°♓36'39	
evening rise	-3082 Mar 23 j 00:38	15°♓26'12	
	-3082 Mar 30 j 08:35	0°♈	
evening max el	-3082 Apr 16 j 05:58	23°♈55'58	23°55'49
	-3082 Apr 25 j 08:17	0°♉	
desc. node	-3082 Apr 29 j 17:35	0°♉49'27	
retrograde	-3082 Apr 30 j 00:16	0°♉49'38	
evening set	-3082 May 04 j 04:03	0°♉11'17	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3082 May 04 j 18:10	30°℞♈	
min. Earth dist.	-3082 May 10 j 17:16	27°♈03'45	0.56334 AU
inferior conj	-3082 May 13 j 02:07	25°♈36'35	-3°-19'-44
minimum elong	-3082 May 12 j 19:59	25°♈46'02	3°18'16
morning rise	-3082 May 21 j 15:45	21°♈35'51	
direct	-3082 May 24 j 04:18	21°♈19'21	
morning max el	-3082 Jun 03 j 02:15	25°♈54'57	19°51'02
	-3082 Jun 06 j 19:43	0°♉	
asc. node	-3082 Jun 14 j 21:18	12°♉36'07	
morning set	-3082 Jun 20 j 21:05	24°♉11'57	
	-3082 Jun 23 j 17:46	0°♊	
superior conj	-3082 Jun 28 j 20:26	10°♊18'49	1°44'11
minimum elong	-3082 Jun 28 j 18:44	10°♊10'24	1°44'11
max. Earth dist.	-3082 Jul 04 j 09:33	21°♊04'54	1.37048 AU
evening rise	-3082 Jul 08 j 08:09	28°♊21'46	
	-3082 Jul 09 j 06:01	0°♋	
desc. node	-3082 Jul 26 j 16:43	28°♋13'01	
	-3082 Jul 27 j 22:24	0°♌	
evening max el	-3082 Aug 13 j 04:22	20°♌07'00	25°35'43
retrograde	-3082 Aug 25 j 08:14	27°♌07'31	
evening set	-3082 Aug 31 j 08:56	24°♌34'04	
min. Earth dist.	-3082 Sep 04 j 17:54	19°♌42'43	0.66784 AU
inferior conj	-3082 Sep 05 j 20:50	18°♌16'01	-1°-39'-36
minimum elong	-3082 Sep 05 j 23:11	18°♌08'26	1°38'36
asc. node	-3082 Sep 10 j 20:28	12°♌47'39	
morning rise	-3082 Sep 11 j 14:04	12°♌16'44	
direct	-3082 Sep 14 j 21:12	11°♌13'48	
morning max el	-3082 Sep 22 j 02:09	15°♌20'33	19°25'03
greatest brilliancy	-3082 Oct 01 j 14:58	27°♌45'16	-0.7m
	-3082 Oct 03 j 03:16	0°♍	
morning set	-3082 Oct 15 j 21:36	19°♍39'44	
desc. node	-3082 Oct 22 j 16:16	0°♎15'02	
	-3082 Oct 22 j 12:25	0°♎	
max. Earth dist.	-3082 Oct 29 j 13:01	11°♎03'11	1.44480 AU
superior conj	-3082 Nov 01 j 16:16	16°♎01'58	-1°-1'-7
minimum elong	-3082 Nov 01 j 09:25	15°♎34'40	1°00'21
	-3082 Nov 10 j 07:52	0°♏	
evening rise	-3082 Nov 16 j 04:39	9°♏40'58	
	-3082 Nov 28 j 15:11	0°♐	
evening max el	-3082 Dec 05 j 10:32	8°♐57'16	18°27'42
asc. node	-3082 Dec 07 j 19:30	11°♐01'51	
retrograde	-3082 Dec 12 j 00:51	12°♐35'39	
evening set	-3082 Dec 14 j 22:39	11°♐49'11	
inferior conj	-3082 Dec 20 j 23:35	6°♐15'26	3°33'16
minimum elong	-3082 Dec 20 j 20:47	6°♐23'29	3°32'39
min. Earth dist.	-3082 Dec 23 j 01:48	3°♐50'29	0.64264 AU
morning rise	-3082 Dec 26 j 17:34	0°♐11'21	
	-3082 Dec 26 j 23:09	30°℞♏	
direct	-3081 Jan 02 j 14:56	27°♏21'07	
	-3081 Jan 10 j 01:12	0°♐	
morning max el	-3081 Jan 16 j 02:58	5°♐05'02	27°23'32
desc. node	-3081 Jan 18 j 15:41	7°♐43'52	
	-3081 Feb 04 j 02:58	0°♑	
morning set	-3081 Feb 20 j 04:58	28°♑22'37	
	-3081 Feb 21 j 00:43	0°♒	
max. Earth dist.	-3081 Feb 25 j 04:00	8°♒23'45	1.33687 AU
superior conj	-3081 Feb 28 j 04:49	14°♒45'47	0°-55'-31
minimum elong	-3081 Feb 28 j 07:16	14°♒58'44	0°55'10
asc. node	-3081 Mar 05 j 18:51	26°♒40'09	
evening rise	-3081 Mar 07 j 11:47	0°♓15'59	
	-3081 Mar 07 j 08:44	0°♓	
	-3081 Mar 24 j 17:56	0°♈	
evening max el	-3081 Mar 28 j 23:22	4°♈38'25	22°21'36
retrograde	-3081 Apr 10 j 20:51	10°♈56'25	

evening set	-3081 Apr 13 j 19:49	10°♈37'09	
desc. node	-3081 Apr 16 j 14:40	9°♈46'37	
min. Earth dist.	-3081 Apr 22 j 07:17	6°♈56'30	0.55306 AU
inferior conj	-3081 Apr 23 j 03:57	6°♈27'09	-1°-47'-24
minimum elong	-3081 Apr 22 j 23:14	6°♈33'51	1°45'53
morning rise	-3081 May 02 j 04:35	2°♈30'40	
direct	-3081 May 04 j 21:00	2°♈14'14	
morning max el	-3081 May 16 j 11:34	7°♈40'29	21°08'57
	-3081 May 31 j 17:14	0°♉	
asc. node	-3081 Jun 01 j 18:21	2°♉01'46	
morning set	-3081 Jun 05 j 04:35	8°♉55'49	
superior conj	-3081 Jun 12 j 17:09	24°♉34'56	1°32'50
minimum elong	-3081 Jun 12 j 14:39	24°♉22'02	1°32'39
	-3081 Jun 15 j 08:50	0°♊	
max. Earth dist.	-3081 Jun 16 j 19:38	2°♊54'27	1.35420 AU
evening rise	-3081 Jun 21 j 05:31	11°♊28'16	
	-3081 Jul 01 j 17:03	0°♋	
desc. node	-3081 Jul 13 j 13:45	17°♋59'06	
	-3081 Jul 23 j 03:45	0°♌	
evening max el	-3081 Jul 26 j 15:36	3°♌38'19	26°36'00
retrograde	-3081 Aug 08 j 13:28	10°♌54'41	
evening set	-3081 Aug 15 j 03:42	8°♌10'18	
min. Earth dist.	-3081 Aug 19 j 04:42	3°♌57'14	0.65933 AU
inferior conj	-3081 Aug 20 j 19:57	1°♌58'44	-2°-30'-39
minimum elong	-3081 Aug 20 j 23:21	1°♌48'28	2°29'24
	-3081 Aug 22 j 12:13	30°℞♋	
morning rise	-3081 Aug 26 j 20:03	26°♋11'24	
asc. node	-3081 Aug 28 j 17:34	25°♋28'32	
direct	-3081 Aug 29 j 18:54	25°♋22'15	
morning max el	-3081 Sep 05 j 12:21	29°♋06'29	18°38'06
	-3081 Sep 06 j 08:34	0°♌	
morning set	-3081 Sep 25 j 22:12	29°♌16'32	
	-3081 Sep 26 j 09:01	0°♍	
desc. node	-3081 Oct 09 j 13:15	20°♍57'44	
superior conj	-3081 Oct 11 j 16:39	24°♍20'17	0°-13'-40
minimum elong	-3081 Oct 11 j 14:51	24°♍13'09	0°13'25
behind sun begin	-3081 Oct 11 j 08:17	23°♍47'18	
behind sun end	-3081 Oct 11 j 21:24	24°♍38'59	
max. Earth dist.	-3081 Oct 12 j 06:24	25°♍14'23	1.44877 AU
	-3081 Oct 15 j 06:58	0°♎	
evening rise	-3081 Oct 27 j 20:26	19°♎51'35	
	-3081 Nov 03 j 05:21	0°♏	
evening max el	-3081 Nov 18 j 20:59	22°♏22'28	19°03'15
asc. node	-3081 Nov 24 j 16:35	26°♏12'54	
retrograde	-3081 Nov 25 j 19:28	26°♏19'57	
evening set	-3081 Nov 28 j 23:22	25°♏22'09	
inferior conj	-3081 Dec 04 j 17:40	19°♏32'15	2°59'33
minimum elong	-3081 Dec 04 j 14:35	19°♏41'54	2°58'38
min. Earth dist.	-3081 Dec 06 j 05:27	17°♏40'23	0.65583 AU
morning rise	-3081 Dec 10 j 04:51	13°♏21'30	
direct	-3081 Dec 16 j 16:01	10°♏33'50	
morning max el	-3081 Dec 29 j 12:35	18°♏05'05	26°33'11
desc. node	-3080 Jan 05 j 12:44	26°♏01'15	
	-3080 Jan 08 j 14:48	0°♐	
	-3080 Jan 28 j 01:26	0°♑	
morning set	-3080 Feb 03 j 11:59	11°♑42'29	
max. Earth dist.	-3080 Feb 07 j 18:22	19°♑58'08	1.34891 AU
superior conj	-3080 Feb 12 j 04:59	28°♑57'22	-1°-18'-38
minimum elong	-3080 Feb 12 j 08:08	29°♑13'39	1°18'17
	-3080 Feb 12 j 17:07	0°♒	
evening rise	-3080 Feb 19 j 20:34	14°♒52'47	
asc. node	-3080 Feb 20 j 15:52	16°♒32'00	
	-3080 Feb 27 j 15:31	0°♓	
evening max el	-3080 Mar 10 j 00:34	15°♓42'34	20°54'58

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3080 Mar 21 j 10:14	21°♓09'37	
evening set	-3080 Mar 23 j 18:44	20°♓56'35	
inferior conj	-3080 Apr 01 j 22:59	16°♓58'58	0°08'56
minimum elong	-3080 Apr 01 j 23:24	16°♓58'23	0°08'45
transit middle	-3080 Apr 01 j 23:24	16°♓58'23	0°08'45
transit begin	-3080 Apr 01 j 20:00	17°♓03'15	
transit end	-3080 Apr 02 j 02:49	16°♓53'31	
desc. node	-3080 Apr 02 j 11:46	16°♓40'43	
min. Earth dist.	-3080 Apr 02 j 21:24	16°♓27'00	0.55185 AU
morning rise	-3080 Apr 11 j 02:55	12°♓48'52	
direct	-3080 Apr 14 j 08:54	12°♓25'53	
morning max el	-3080 Apr 27 j 10:24	18°♓44'58	22°42'11
	-3080 May 06 j 14:27	0°♈	
asc. node	-3080 May 18 j 15:23	21°♈47'27	
morning set	-3080 May 19 j 15:17	23°♈51'23	
	-3080 May 22 j 13:08	0°♉	
superior conj	-3080 May 26 j 20:58	9°♉13'24	1°16'30
minimum elong	-3080 May 26 j 18:21	8°♉59'30	1°16'10
max. Earth dist.	-3080 May 29 j 15:41	15°♉04'01	1.34154 AU
evening rise	-3080 Jun 03 j 17:06	25°♉18'31	
	-3080 Jun 06 j 03:21	0°♊	
	-3080 Jun 24 j 03:46	0°♋	
desc. node	-3080 Jun 29 j 10:49	7°♋10'57	
evening max el	-3080 Jul 08 j 03:10	17°♋00'11	27°14'35
retrograde	-3080 Jul 21 j 13:15	24°♋22'19	
evening set	-3080 Jul 28 j 13:29	21°♋36'28	
min. Earth dist.	-3080 Aug 01 j 07:42	18°♋00'45	0.64707 AU
inferior conj	-3080 Aug 03 j 12:24	15°♋34'50	-3°-16'-56
minimum elong	-3080 Aug 03 j 16:23	15°♋23'47	3°15'46
morning rise	-3080 Aug 09 j 20:49	10°♋02'43	
direct	-3080 Aug 12 j 13:49	9°♋23'56	
asc. node	-3080 Aug 14 j 14:39	9°♋45'47	
morning max el	-3080 Aug 19 j 02:17	12°♋54'03	18°08'02
	-3080 Aug 30 j 23:54	0°♌	
morning set	-3080 Sep 06 j 02:40	10°♌14'32	
	-3080 Sep 18 j 02:04	0°♍	
superior conj	-3080 Sep 19 j 22:44	2°♍59'45	0°34'42
minimum elong	-3080 Sep 20 j 02:43	3°♍15'45	0°34'13
max. Earth dist.	-3080 Sep 24 j 00:24	9°♍29'05	1.44543 AU
desc. node	-3080 Sep 25 j 10:16	11°♍43'02	
evening rise	-3080 Oct 06 j 13:10	29°♍05'10	
	-3080 Oct 07 j 03:20	0°♎	
greatest brilliancy	-3080 Oct 24 j 16:15	26°♎27'28	-0.6m
	-3080 Oct 27 j 06:21	0°♏	
evening max el	-3080 Nov 01 j 03:18	5°♏49'40	19°54'44
retrograde	-3080 Nov 08 j 16:28	10°♏14'13	
asc. node	-3080 Nov 10 j 13:40	9°♏53'41	
evening set	-3080 Nov 12 j 04:32	9°♏02'38	
inferior conj	-3080 Nov 17 j 18:03	2°♏59'36	2°17'35
minimum elong	-3080 Nov 17 j 15:19	3°♏08'40	2°16'35
min. Earth dist.	-3080 Nov 18 j 16:43	1°♏44'38	0.66539 AU
	-3080 Nov 20 j 01:17	30°℞♎	
morning rise	-3080 Nov 23 j 01:28	26°♎44'40	
direct	-3080 Nov 28 j 22:44	24°♎10'22	
	-3080 Dec 09 j 14:26	0°♏	
morning max el	-3080 Dec 10 j 21:26	1°♏15'31	25°21'08
desc. node	-3080 Dec 22 j 09:47	15°♏06'55	
	-3079 Jan 01 j 15:46	0°♐	
morning set	-3079 Jan 16 j 02:29	24°♐08'04	
	-3079 Jan 19 j 07:10	0°♑	
max. Earth dist.	-3079 Jan 19 j 21:21	1°♑06'25	1.36540 AU
superior conj	-3079 Jan 25 j 20:27	12°♑38'09	-1°-38'-13
minimum elong	-3079 Jan 25 j 23:41	12°♑54'09	1°38'00
evening rise	-3079 Feb 03 j 00:58	29°♑10'24	
	-3079 Feb 03 j 10:49	0°♒	
asc. node	-3079 Feb 06 j 12:55	6°♒06'59	
evening max el	-3079 Feb 20 j 12:19	27°♒21'30	19°43'53
	-3079 Feb 23 j 20:31	0°♓	
retrograde	-3079 Mar 02 j 04:59	1°♓58'07	
evening set	-3079 Mar 04 j 11:34	1°♓44'03	
	-3079 Mar 09 j 02:52	30°℞♒	
inferior conj	-3079 Mar 13 j 01:30	27°♒41'08	1°56'53
minimum elong	-3079 Mar 13 j 05:53	27°♒34'14	1°55'30
min. Earth dist.	-3079 Mar 15 j 11:44	26°♒10'07	0.55992 AU
desc. node	-3079 Mar 20 j 08:51	23°♒36'11	
morning rise	-3079 Mar 21 j 20:54	23°♒03'38	
direct	-3079 Mar 26 j 03:49	22°♒22'37	
morning max el	-3079 Apr 09 j 02:23	29°♒22'32	24°21'42
	-3079 Apr 09 j 17:47	0°♓	
	-3079 Apr 29 j 18:35	0°♈	
morning set	-3079 May 04 j 03:24	8°♈52'49	
asc. node	-3079 May 05 j 12:25	11°♈47'20	
superior conj	-3079 May 11 j 05:21	24°♈06'09	0°56'29
minimum elong	-3079 May 11 j 03:08	23°♈54'10	0°56'07
max. Earth dist.	-3079 May 12 j 20:51	27°♈38'56	1.33261 AU
	-3079 May 13 j 23:15	0°♉	
evening rise	-3079 May 18 j 14:44	9°♉39'45	
	-3079 May 29 j 12:06	0°♊	
desc. node	-3079 Jun 16 j 07:52	25°♊33'53	
evening max el	-3079 Jun 20 j 13:05	29°♊59'27	27°24'49
	-3079 Jun 20 j 13:19	0°♋	
retrograde	-3079 Jul 04 j 06:49	7°♋21'35	
evening set	-3079 Jul 11 j 10:51	4°♋46'40	
min. Earth dist.	-3079 Jul 15 j 01:05	1°♋42'54	0.63111 AU
	-3079 Jul 16 j 18:44	30°℞♊	
inferior conj	-3079 Jul 17 j 19:26	28°♊58'00	-3°-55'-5
minimum elong	-3079 Jul 17 j 23:07	28°♊48'48	3°54'19
morning rise	-3079 Jul 24 j 13:30	23°♊44'30	
direct	-3079 Jul 27 j 02:58	23°♊13'22	
asc. node	-3079 Aug 01 j 11:44	25°♊30'20	
morning max el	-3079 Aug 02 j 17:21	26°♊37'39	17°55'48
	-3079 Aug 05 j 15:29	0°♋	
morning set	-3079 Aug 19 j 07:10	22°♋21'18	
	-3079 Aug 23 j 15:51	0°♌	
superior conj	-3079 Aug 31 j 04:10	12°♌49'26	1°12'53
minimum elong	-3079 Aug 31 j 09:46	13°♌12'50	1°12'21
max. Earth dist.	-3079 Sep 06 j 15:49	23°♌28'28	1.43527 AU
	-3079 Sep 10 j 17:50	0°♍	
desc. node	-3079 Sep 12 j 07:15	2°♍27'33	
evening rise	-3079 Sep 15 j 18:03	7°♍50'35	
	-3079 Sep 30 j 10:57	0°♎	
greatest brilliancy	-3079 Oct 09 j 14:55	12°♎45'10	-0.5m
evening max el	-3079 Oct 15 j 03:51	19°♎16'12	20°59'47
retrograde	-3079 Oct 23 j 13:33	24°♎14'49	
evening set	-3079 Oct 27 j 12:00	22°♎46'52	
asc. node	-3079 Oct 28 j 10:45	21°♎59'14	
inferior conj	-3079 Nov 01 j 22:24	16°♎34'02	1°29'53
minimum elong	-3079 Nov 01 j 20:27	16°♎40'43	1°29'04
min. Earth dist.	-3079 Nov 02 j 09:26	15°♎56'19	0.67153 AU
morning rise	-3079 Nov 07 j 04:30	10°♎17'18	
direct	-3079 Nov 12 j 10:20	8°♎02'41	
morning max el	-3079 Nov 23 j 06:07	14°♎29'56	23°56'59
	-3079 Dec 05 j 21:23	0°♏	
desc. node	-3079 Dec 09 j 06:48	4°♏46'14	
	-3079 Dec 25 j 13:59	0°♐	
morning set	-3079 Dec 28 j 18:18	5°♐22'04	
max. Earth dist.	-3078 Jan 01 j 17:37	12°♐18'00	1.38523 AU
superior conj	-3078 Jan 08 j 23:27	25°♐36'45	-1°-51'-54

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3078 Jan 09 j 01:38	25°♐47'06	1°51'53	
	-3078 Jan 11 j 06:30	0°♑		
evening rise	-3078 Jan 17 j 22:29	13°♑01'13		
asc. node	-3078 Jan 24 j 09:57	25°♑18'03		
	-3078 Jan 27 j 03:46	0°♒		
evening max el	-3078 Feb 03 j 09:59	9°♒34'35	18°51'53	
retrograde	-3078 Feb 11 j 15:56	13°♒33'08		
evening set	-3078 Feb 14 j 01:08	13°♒14'33		
inferior conj	-3078 Feb 21 j 21:42	8°♒54'54	3°12'30	
minimum elong	-3078 Feb 22 j 02:09	8°♒46'48	3°11'30	
min. Earth dist.	-3078 Feb 25 j 03:34	6°♒34'33	0.57527 AU	
morning rise	-3078 Mar 01 j 23:20	3°♒47'09		
direct	-3078 Mar 07 j 11:09	2°♒34'26		
desc. node	-3078 Mar 07 j 05:55	2°♒34'32		
morning max el	-3078 Mar 21 j 17:40	9°♒59'28	25°53'44	
	-3078 Apr 05 j 22:20	0°♓		
morning set	-3078 Apr 18 j 15:15	23°♓53'46		
	-3078 Apr 21 j 12:00	0°♈		
asc. node	-3078 Apr 22 j 09:26	1°♈55'59		
superior conj	-3078 Apr 25 j 16:16	9°♈06'06	0°33'51	
minimum elong	-3078 Apr 25 j 14:50	8°♈58'13	0°33'34	
max. Earth dist.	-3078 Apr 26 j 07:55	10°♈31'33	1.32715 AU	
evening rise	-3078 May 02 j 19:12	24°♈21'13		
	-3078 May 05 j 13:59	0°♉		
	-3078 May 23 j 07:21	0°♊		
evening max el	-3078 Jun 02 j 18:44	12°♊23'30	27°02'43	
desc. node	-3078 Jun 03 j 04:54	12°♊47'30		
retrograde	-3078 Jun 16 j 17:36	19°♊43'54		
evening set	-3078 Jun 23 j 15:48	17°♊33'49		
min. Earth dist.	-3078 Jun 27 j 08:18	14°♊50'09	0.61205 AU	
inferior conj	-3078 Jun 30 j 13:46	12°♊00'41	-4°-19'-51	
minimum elong	-3078 Jun 30 j 15:49	11°♊56'10	4°19'36	
morning rise	-3078 Jul 07 j 18:45	7°♊08'38		
direct	-3078 Jul 10 j 06:34	6°♊43'10		
morning max el	-3078 Jul 17 j 06:48	10°♊11'13	18°02'17	
asc. node	-3078 Jul 19 j 08:48	12°♊27'23		
	-3078 Jul 30 j 08:02	0°♋		
morning set	-3078 Aug 02 j 06:04	5°♋21'27		
superior conj	-3078 Aug 12 j 13:15	24°♋01'50	1°36'49	
minimum elong	-3078 Aug 12 j 17:06	24°♋18'47	1°36'38	
	-3078 Aug 15 j 23:44	0°♌		
max. Earth dist.	-3078 Aug 20 j 01:52	6°♌54'19	1.41963 AU	
evening rise	-3078 Aug 26 j 06:17	16°♌58'22		
desc. node	-3078 Aug 30 j 04:15	23°♌08'10		
	-3078 Sep 03 j 15:38	0°♍		
greatest brilliancy	-3078 Sep 23 j 04:36	27°♍21'50	-0.3m	
	-3078 Sep 25 j 10:07	0°♎		
evening max el	-3078 Sep 27 j 22:17	2°♎42'27	22°14'59	
retrograde	-3078 Oct 07 j 09:08	8°♎19'36		
evening set	-3078 Oct 11 j 19:59	6°♎33'18		
asc. node	-3078 Oct 15 j 07:50	2°♎46'33		
inferior conj	-3078 Oct 17 j 04:47	0°♎14'11	0°38'28	
minimum elong	-3078 Oct 17 j 03:54	0°♎17'14	0°38'05	
min. Earth dist.	-3078 Oct 17 j 05:15	0°♎12'36	0.67446 AU	
	-3078 Oct 17 j 08:54	30°℞♍		
morning rise	-3078 Oct 22 j 11:41	23°♍58'20		
direct	-3078 Oct 27 j 02:21	22°♍05'37		
morning max el	-3078 Nov 05 j 17:20	27°♍49'02	22°30'20	
	-3078 Nov 07 j 18:25	0°♎		
greatest brilliancy	-3078 Nov 10 j 09:47	3°♎05'18	-0.3m	
desc. node	-3078 Nov 26 j 03:49	24°♎49'59		
	-3078 Nov 29 j 14:07	0°♏		
morning set	-3078 Dec 09 j 06:08	15°♏13'28		
max. Earth dist.	-3078 Dec 14 j 14:43	24°♏07'10	1.40606 AU	
	-3078 Dec 18 j 00:55	0°♐		

superior conj	-3078 Dec 22 j 09:14	7°♐41'40	-1°-56'-28	
minimum elong	-3078 Dec 22 j 08:50	7°♐39'54	1°56'35	
evening rise	-3077 Jan 01 j 10:14	26°♐18'52		
	-3077 Jan 03 j 09:18	0°♑		
asc. node	-3077 Jan 11 j 06:57	13°♑57'51		
evening max el	-3077 Jan 17 j 15:28	22°♑16'43	18°19'58	
retrograde	-3077 Jan 24 j 21:24	25°♑52'30		
evening set	-3077 Jan 27 j 09:45	25°♑27'36		
inferior conj	-3077 Feb 03 j 14:34	20°♑46'59	3°51'17	
minimum elong	-3077 Feb 03 j 16:38	20°♑42'36	3°51'00	
min. Earth dist.	-3077 Feb 06 j 23:37	17°♑56'47	0.59475 AU	
morning rise	-3077 Feb 10 j 20:11	15°♑15'30		
direct	-3077 Feb 17 j 07:15	13°♑23'47		
desc. node	-3077 Feb 22 j 03:00	14°♑22'44		
morning max el	-3077 Mar 03 j 13:30	21°♑02'30	27°03'06	
	-3077 Mar 11 j 08:31	0°♒		
	-3077 Mar 29 j 16:28	0°♓		
morning set	-3077 Apr 03 j 01:04	8°♓47'38		
asc. node	-3077 Apr 09 j 06:26	22°♓08'43		
superior conj	-3077 Apr 10 j 04:00	24°♓06'50	0°09'27	
minimum elong	-3077 Apr 10 j 03:35	24°♓04'31	0°09'21	
behind sun begin	-3077 Apr 09 j 23:32	23°♓42'17		
behind sun end	-3077 Apr 10 j 07:39	24°♓26'45		
max. Earth dist.	-3077 Apr 09 j 21:11	23°♓29'27	1.32512 AU	
	-3077 Apr 12 j 20:35	0°♈		
evening rise	-3077 Apr 17 j 04:01	9°♈14'13		
	-3077 Apr 27 j 23:53	0°♉		
evening max el	-3077 May 15 j 18:09	24°♉04'36	26°08'37	
desc. node	-3077 May 21 j 01:56	28°♉22'50		
	-3077 May 24 j 00:10	0°♊		
retrograde	-3077 May 29 j 20:10	1°♊21'24		
	-3077 Jun 04 j 13:47	30°℞♉		
evening set	-3077 Jun 05 j 00:10	29°♉47'33		
min. Earth dist.	-3077 Jun 09 j 06:55	27°♉06'47	0.59153 AU	
inferior conj	-3077 Jun 12 j 15:43	24°♉33'11	-4°-23'-15	
minimum elong	-3077 Jun 12 j 14:35	24°♉35'22	4°23'08	
morning rise	-3077 Jun 20 j 08:46	20°♉03'32		
direct	-3077 Jun 22 j 20:11	19°♉42'28		
morning max el	-3077 Jun 30 j 15:41	23°♉25'56	18°28'23	
asc. node	-3077 Jul 06 j 05:51	0°♊21'13		
	-3077 Jul 06 j 00:09	0°♊		
morning set	-3077 Jul 16 j 18:25	19°♊01'47		
	-3077 Jul 22 j 11:48	0°♋		
superior conj	-3077 Jul 25 j 21:50	6°♋24'49	1°47'35	
minimum elong	-3077 Jul 25 j 23:05	6°♋30'37	1°47'39	
max. Earth dist.	-3077 Aug 02 j 05:56	19°♋35'05	1.40074 AU	
evening rise	-3077 Aug 06 j 16:49	27°♋09'44		
	-3077 Aug 08 j 09:58	0°♌		
desc. node	-3077 Aug 17 j 01:14	13°♌40'32		
	-3077 Aug 28 j 06:46	0°♍		
evening max el	-3077 Sep 10 j 11:50	16°♍09'39	23°35'23	
retrograde	-3077 Sep 21 j 01:44	22°♍24'45		
evening set	-3077 Sep 26 j 02:40	20°♍19'12		
inferior conj	-3077 Oct 01 j 11:25	13°♍57'37	0°-15'-1	
minimum elong	-3077 Oct 01 j 11:46	13°♍56'25	0°14'51	
transit middle	-3077 Oct 01 j 11:46	13°♍56'25	0°14'51	
transit begin	-3077 Oct 01 j 10:39	14°♍00'16		
transit end	-3077 Oct 01 j 12:54	13°♍52'33		
min. Earth dist.	-3077 Oct 01 j 01:42	14°♍30'54	0.67435 AU	
asc. node	-3077 Oct 02 j 04:55	12°♍58'00		
morning rise	-3077 Oct 06 j 20:59	7°♍45'32		
direct	-3077 Oct 10 j 21:49	6°♍14'05		
morning max el	-3077 Oct 19 j 10:03	11°♍14'33	21°09'08	
greatest brilliancy	-3077 Oct 24 j 21:56	17°♍38'43	-0.5m	
	-3077 Nov 02 j 20:48	0°♎		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3077 Nov 13 j 00:50	15°♎10'38	
morning set	-3077 Nov 18 j 15:06	23°♎50'15	
	-3077 Nov 22 j 12:35	0°♏	
max. Earth dist.	-3077 Nov 26 j 17:50	6°♏48'43	1.42496 AU
superior conj	-3077 Dec 03 j 20:11	18°♏39'16	-1°-48'-4
minimum elong	-3077 Dec 03 j 15:54	18°♏21'01	1°47'56
	-3077 Dec 10 j 08:47	0°♐	
evening rise	-3077 Dec 15 j 08:30	8°♐55'12	
	-3077 Dec 27 j 18:03	0°♑	
asc. node	-3077 Dec 29 j 03:59	1°♑56'51	
evening max el	-3076 Jan 01 j 01:59	5°♑20'11	18°08'01
retrograde	-3076 Jan 07 j 18:36	8°♑47'27	
evening set	-3076 Jan 10 j 10:07	8°♑15'06	
inferior conj	-3076 Jan 17 j 01:59	3°♑12'46	4°00'07
minimum elong	-3076 Jan 17 j 01:29	3°♑13'59	4°00'01
min. Earth dist.	-3076 Jan 20 j 02:45	0°♑17'05	0.61501 AU
	-3076 Jan 20 j 10:10	30°℞♐	
morning rise	-3076 Jan 23 j 14:26	27°♐25'17	
direct	-3076 Jan 30 j 13:51	24°♐59'45	
desc. node	-3076 Feb 09 j 00:05	28°♐44'18	
	-3076 Feb 10 j 14:47	0°♑	
morning max el	-3076 Feb 13 j 15:27	2°♑44'47	27°39'22
	-3076 Mar 04 j 17:19	0°♒	
morning set	-3076 Mar 17 j 06:58	23°♒27'35	
	-3076 Mar 20 j 10:12	0°♓	
max. Earth dist.	-3076 Mar 23 j 08:53	6°♓19'24	1.32664 AU
superior conj	-3076 Mar 24 j 14:56	9°♓02'40	0°-15'-54
minimum elong	-3076 Mar 24 j 15:40	9°♓06'36	0°15'48
behind sun begin	-3076 Mar 24 j 15:28	9°♓05'31	
behind sun end	-3076 Mar 24 j 15:52	9°♓07'42	
asc. node	-3076 Mar 26 j 03:25	12°♓21'32	
evening rise	-3076 Mar 31 j 15:12	24°♓11'44	
	-3076 Apr 03 j 10:34	0°♈	
	-3076 Apr 21 j 18:37	0°♉	
evening max el	-3076 Apr 26 j 11:51	5°♉07'20	24°48'51
desc. node	-3076 May 06 j 22:59	11°♉44'03	
retrograde	-3076 May 10 j 12:02	12°♉13'08	
evening set	-3076 May 15 j 10:37	11°♉17'29	
min. Earth dist.	-3076 May 20 j 23:58	8°♉23'08	0.57238 AU
inferior conj	-3076 May 23 j 22:16	6°♉27'06	-3°-54'-39
minimum elong	-3076 May 23 j 17:25	6°♉35'11	3°53'48
morning rise	-3076 Jun 01 j 04:17	2°♉17'24	
direct	-3076 Jun 03 j 16:06	1°♉59'37	
morning max el	-3076 Jun 12 j 17:05	6°♉12'25	19°14'54
asc. node	-3076 Jun 22 j 02:55	18°♉58'55	
	-3076 Jun 28 j 01:16	0°♊	
morning set	-3076 Jun 29 j 16:26	3°♊13'01	
superior conj	-3076 Jul 08 j 00:13	19°♊42'28	1°47'49
minimum elong	-3076 Jul 07 j 23:22	19°♊38'19	1°47'53
	-3076 Jul 13 j 10:29	0°♋	
max. Earth dist.	-3076 Jul 14 j 07:49	1°♋38'03	1.38119 AU
evening rise	-3076 Jul 18 j 05:20	8°♋37'05	
	-3076 Jul 31 j 06:28	0°♌	
desc. node	-3076 Aug 02 j 22:12	4°♌00'05	
evening max el	-3076 Aug 22 j 23:06	29°♌40'38	24°54'11
	-3076 Aug 23 j 07:00	0°♍	
retrograde	-3076 Sep 03 j 14:19	6°♍26'59	
evening set	-3076 Sep 09 j 06:19	4°♍03'05	
	-3076 Sep 12 j 22:48	30°℞♌	
min. Earth dist.	-3076 Sep 13 j 20:18	28°♌50'00	0.67119 AU
inferior conj	-3076 Sep 14 j 16:36	27°♌42'46	-1°-8'-58
minimum elong	-3076 Sep 14 j 18:14	27°♌37'20	1°08'14
asc. node	-3076 Sep 18 j 02:02	23°♌32'53	
morning rise	-3076 Sep 20 j 06:33	21°♌37'42	
direct	-3076 Sep 23 j 19:34	20°♌25'08	
morning max el	-3076 Oct 01 j 09:59	24°♌48'50	19°58'56
	-3076 Oct 05 j 20:31	0°♍	
greatest brilliancy	-3076 Oct 08 j 21:16	4°♍04'09	-0.6m
	-3076 Oct 26 j 05:21	0°♎	
morning set	-3076 Oct 27 j 12:43	2°♎01'16	
desc. node	-3076 Oct 29 j 21:49	5°♎42'51	
max. Earth dist.	-3076 Nov 08 j 04:34	20°♎19'36	1.43938 AU
superior conj	-3076 Nov 13 j 03:57	28°♎20'11	-1°-23'-10
minimum elong	-3076 Nov 12 j 20:44	27°♎50'50	1°22'31
	-3076 Nov 14 j 04:28	0°♏	
evening rise	-3076 Nov 26 j 12:50	20°♏41'03	
	-3076 Dec 01 j 23:34	0°♐	
evening max el	-3076 Dec 14 j 14:35	18°♐36'37	18°15'16
asc. node	-3076 Dec 15 j 01:04	19°♐02'28	
retrograde	-3076 Dec 21 j 03:15	22°♐07'39	
evening set	-3076 Dec 23 j 22:31	21°♐26'38	
inferior conj	-3076 Dec 30 j 04:11	16°♐03'40	3°47'32
minimum elong	-3076 Dec 30 j 01:57	16°♐09'47	3°47'08
min. Earth dist.	-3075 Jan 01 j 15:04	13°♐23'31	0.63348 AU
morning rise	-3075 Jan 05 j 03:45	10°♐05'02	
direct	-3075 Jan 12 j 04:28	7°♐19'25	
desc. node	-3075 Jan 25 j 21:11	15°♐02'09	
morning max el	-3075 Jan 25 j 22:20	15°♐05'00	27°39'13
	-3075 Feb 07 j 04:04	0°♑	
	-3075 Feb 25 j 07:07	0°♒	
morning set	-3075 Mar 01 j 06:31	7°♒44'27	
max. Earth dist.	-3075 Mar 06 j 15:13	18°♒47'34	1.33198 AU
superior conj	-3075 Mar 08 j 23:17	23°♒46'23	0°-41'-17
minimum elong	-3075 Mar 09 j 01:08	23°♒56'22	0°41'00
	-3075 Mar 11 j 20:38	0°♓	
asc. node	-3075 Mar 13 j 00:25	2°♓29'37	
evening rise	-3075 Mar 16 j 02:52	9°♓06'09	
	-3075 Mar 27 j 02:31	0°♈	
evening max el	-3075 Apr 08 j 03:37	15°♈49'08	23°15'36
retrograde	-3075 Apr 21 j 14:51	22°♈29'13	
desc. node	-3075 Apr 23 j 20:05	22°♈18'19	
evening set	-3075 Apr 25 j 05:07	22°♈00'57	
min. Earth dist.	-3075 May 02 j 14:10	18°♈41'06	0.55801 AU
inferior conj	-3075 May 04 j 09:05	17°♈38'01	-2°-45'-8
minimum elong	-3075 May 04 j 02:56	17°♈47'06	2°43'25
morning rise	-3075 May 13 j 03:53	13°♈40'46	
direct	-3075 May 15 j 17:35	13°♈24'37	
morning max el	-3075 May 26 j 08:28	18°♈20'46	20°21'56
	-3075 Jun 04 j 09:00	0°♉	
asc. node	-3075 Jun 08 j 23:57	8°♉09'15	
morning set	-3075 Jun 13 j 21:09	17°♉46'42	
	-3075 Jun 19 j 20:04	0°♊	
superior conj	-3075 Jun 21 j 15:21	3°♊40'09	1°40'04
minimum elong	-3075 Jun 21 j 13:13	3°♊29'23	1°40'00
max. Earth dist.	-3075 Jun 26 j 13:41	13°♊25'58	1.36320 AU
evening rise	-3075 Jun 30 j 16:11	21°♊11'02	
	-3075 Jul 05 j 14:26	0°♋	
desc. node	-3075 Jul 20 j 19:13	24°♋00'41	
	-3075 Jul 25 j 03:24	0°♌	
evening max el	-3075 Aug 05 j 10:12	13°♌14'01	26°03'34
retrograde	-3075 Aug 17 j 22:13	20°♌21'45	
evening set	-3075 Aug 24 j 04:59	17°♌42'58	
min. Earth dist.	-3075 Aug 28 j 10:35	13°♌07'46	0.66471 AU
inferior conj	-3075 Aug 29 j 18:31	11°♌27'30	-2°-1'-38
minimum elong	-3075 Aug 29 j 21:21	11°♌18'36	2°00'30
morning rise	-3075 Sep 04 j 14:29	5°♌32'49	
asc. node	-3075 Sep 04 j 23:09	5°♌20'31	
direct	-3075 Sep 07 j 17:54	4°♌35'59	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3075 Sep 14 j 16:58	8°♌31'45	19°03'05
	-3075 Sep 30 j 00:07	0°♍	
morning set	-3075 Oct 06 j 23:02	10°♍55'53	
desc. node	-3075 Oct 16 j 18:47	26°♍22'58	
	-3075 Oct 19 j 01:59	0°♎	
max. Earth dist.	-3075 Oct 21 j 21:10	4°♎24'39	1.44746 AU
superior conj	-3075 Oct 23 j 11:36	6°♎56'19	0°-41'-57
minimum elong	-3075 Oct 23 j 06:20	6°♎35'31	0°41'19
	-3075 Nov 06 j 21:04	0°♏	
evening rise	-3075 Nov 07 j 18:55	1°♏28'51	
	-3075 Nov 26 j 07:33	0°♐	
evening max el	-3075 Nov 28 j 02:34	2°♐00'17	18°40'44
asc. node	-3075 Dec 01 j 22:10	5°♐00'18	
retrograde	-3075 Dec 04 j 19:20	5°♐45'28	
evening set	-3075 Dec 07 j 19:37	4°♐54'16	
	-3075 Dec 13 j 01:43	30°℞♏	
inferior conj	-3075 Dec 13 j 17:27	29°♏13'06	3°20'10
minimum elong	-3075 Dec 13 j 14:27	29°♏22'07	3°19'24
min. Earth dist.	-3075 Dec 15 j 13:18	27°♏01'49	0.64875 AU
morning rise	-3075 Dec 19 j 08:10	23°♏06'05	
direct	-3075 Dec 26 j 01:48	20°♏15'41	
morning max el	-3074 Jan 08 j 07:50	27°♏54'48	27°05'22
	-3074 Jan 10 j 08:04	0°♐	
desc. node	-3074 Jan 12 j 18:15	2°♐43'32	
	-3074 Jan 31 j 21:02	0°♑	
morning set	-3074 Feb 12 j 20:41	21°♑28'31	
	-3074 Feb 17 j 03:53	0°♒	
max. Earth dist.	-3074 Feb 17 j 12:29	0°♒43'42	1.34153 AU
superior conj	-3074 Feb 21 j 03:05	8°♒11'41	-1°-5'-38
minimum elong	-3074 Feb 21 j 05:53	8°♒26'23	1°05'16
asc. node	-3074 Feb 27 j 21:27	22°♒28'50	
evening rise	-3074 Feb 28 j 13:15	23°♒51'20	
	-3074 Mar 03 j 13:22	0°♓	
evening max el	-3074 Mar 20 j 23:38	26°♓37'26	21°43'06
	-3074 Mar 25 j 05:05	0°♈	
retrograde	-3074 Apr 02 j 06:54	2°♈34'42	
evening set	-3074 Apr 04 j 22:06	2°♈19'07	
desc. node	-3074 Apr 10 j 17:12	0°♈11'40	
	-3074 Apr 11 j 02:22	30°℞♓	
inferior conj	-3074 Apr 14 j 06:15	28°♓16'23	0°-59'-9
minimum elong	-3074 Apr 14 j 03:29	28°♓20'15	0°58'13
min. Earth dist.	-3074 Apr 14 j 03:44	28°♓19'55	0.55144 AU
morning rise	-3074 Apr 23 j 09:38	24°♓16'46	
direct	-3074 Apr 26 j 06:30	23°♓58'35	
morning max el	-3074 May 08 j 12:57	29°♓47'08	21°47'15
	-3074 May 08 j 18:25	0°♈	
asc. node	-3074 May 26 j 20:58	27°♈43'56	
	-3074 May 27 j 23:51	0°♉	
morning set	-3074 May 29 j 06:12	2°♉36'00	
superior conj	-3074 Jun 05 j 15:23	18°♉06'20	1°26'25
minimum elong	-3074 Jun 05 j 12:45	17°♉52'37	1°26'10
max. Earth dist.	-3074 Jun 09 j 04:04	25°♉22'53	1.34833 AU
	-3074 Jun 11 j 11:20	0°♊	
evening rise	-3074 Jun 13 j 20:05	4°♊37'01	
	-3074 Jun 28 j 09:07	0°♋	
desc. node	-3074 Jul 07 j 16:16	13°♋33'34	
evening max el	-3074 Jul 18 j 21:37	26°♋42'12	26°55'31
	-3074 Jul 22 j 16:03	0°♌	
retrograde	-3074 Aug 01 j 01:01	4°♌01'42	
evening set	-3074 Aug 07 j 20:16	1°♌15'08	
	-3074 Aug 09 j 05:45	30°℞♋	
min. Earth dist.	-3074 Aug 11 j 18:08	27°♋18'37	0.65458 AU
inferior conj	-3074 Aug 13 j 15:04	25°♋07'41	-2°-51'-1
minimum elong	-3074 Aug 13 j 18:48	24°♋56'49	2°49'46
morning rise	-3074 Aug 19 j 18:33	19°♋26'40	
direct	-3074 Aug 22 j 14:41	18°♋42'16	
asc. node	-3074 Aug 22 j 20:15	18°♋42'34	
morning max el	-3074 Aug 29 j 05:06	22°♋19'10	18°23'17
	-3074 Sep 04 j 06:01	0°♌	
morning set	-3074 Sep 17 j 11:35	21°♌08'05	
	-3074 Sep 22 j 22:22	0°♍	
superior conj	-3074 Oct 02 j 11:31	15°♍15'36	0°07'33
minimum elong	-3074 Oct 02 j 12:30	15°♍19'28	0°07'26
behind sun begin	-3074 Oct 02 j 02:26	14°♍39'38	
behind sun end	-3074 Oct 02 j 22:34	15°♍59'15	
desc. node	-3074 Oct 03 j 15:46	17°♍07'12	
max. Earth dist.	-3074 Oct 04 j 15:40	18°♍41'28	1.44825 AU
	-3074 Oct 11 j 20:23	0°♎	
evening rise	-3074 Oct 19 j 00:22	11°♎14'12	
	-3074 Oct 31 j 01:35	0°♏	
greatest brilliancy	-3074 Nov 02 j 00:30	2°♏56'57	-0.7m
evening max el	-3074 Nov 11 j 11:26	15°♏26'22	19°23'12
retrograde	-3074 Nov 18 j 15:24	19°♏34'41	
asc. node	-3074 Nov 18 j 19:16	19°♏34'32	
evening set	-3074 Nov 21 j 22:30	18°♏31'15	
inferior conj	-3074 Nov 27 j 14:32	12°♏35'03	2°42'35
minimum elong	-3074 Nov 27 j 11:32	12°♏44'42	2°41'36
min. Earth dist.	-3074 Nov 28 j 20:27	10°♏58'54	0.66035 AU
morning rise	-3074 Dec 02 j 23:47	6°♏22'06	
direct	-3074 Dec 09 j 05:11	3°♏39'21	
morning max el	-3074 Dec 21 j 17:26	11°♏01'13	26°04'37
desc. node	-3074 Dec 30 j 15:17	21°♏23'25	
	-3073 Jan 05 j 22:05	0°♐	
	-3073 Jan 24 j 10:54	0°♑	
morning set	-3073 Jan 26 j 21:21	4°♑27'09	
max. Earth dist.	-3073 Jan 30 j 22:02	12°♑05'37	1.35546 AU
superior conj	-3073 Feb 04 j 23:53	22°♑10'49	-1°-27'-31
minimum elong	-3073 Feb 05 j 03:11	22°♑27'33	1°27'11
	-3073 Feb 08 j 19:21	0°♒	
evening rise	-3073 Feb 12 j 20:26	8°♒20'42	
asc. node	-3073 Feb 14 j 18:29	12°♒14'16	
	-3073 Feb 24 j 17:35	0°♓	
evening max el	-3073 Mar 03 j 05:01	7°♓54'56	20°22'27
retrograde	-3073 Mar 13 j 21:24	13°♓00'17	
evening set	-3073 Mar 16 j 03:50	12°♓47'28	
inferior conj	-3073 Mar 25 j 02:46	8°♓49'09	0°57'40
minimum elong	-3073 Mar 25 j 05:18	8°♓45'26	0°56'47
min. Earth dist.	-3073 Mar 26 j 17:53	7°♓51'33	0.55417 AU
desc. node	-3073 Mar 28 j 14:17	6°♓48'44	
morning rise	-3073 Apr 03 j 04:32	4°♓28'29	
direct	-3073 Apr 06 j 19:38	3°♓59'46	
morning max el	-3073 Apr 20 j 08:24	10°♓38'17	23°24'38
	-3073 May 04 j 15:31	0°♈	
morning set	-3073 May 13 j 17:42	17°♈35'06	
asc. node	-3073 May 13 j 17:59	17°♈36'33	
	-3073 May 19 j 13:18	0°♉	
superior conj	-3073 May 20 j 21:25	2°♉52'15	1°08'23
minimum elong	-3073 May 20 j 18:55	2°♉38'52	1°08'02
max. Earth dist.	-3073 May 23 j 04:07	7°♉43'03	1.33719 AU
evening rise	-3073 May 28 j 12:21	18°♉41'55	
	-3073 Jun 03 j 10:13	0°♊	
	-3073 Jun 22 j 14:31	0°♋	
desc. node	-3073 Jun 24 j 13:19	2°♋27'03	
evening max el	-3073 Jul 01 j 08:31	9°♋55'28	27°22'43
retrograde	-3073 Jul 14 j 22:24	17°♋18'54	
evening set	-3073 Jul 22 j 01:15	14°♋35'39	
min. Earth dist.	-3073 Jul 25 j 17:06	11°♋14'50	0.64067 AU
inferior conj	-3073 Jul 28 j 03:51	8°♋39'05	-3°-34'-23

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3073 Jul	28 j 07:51	8°♋28'29	3°33'22
morning rise	-3073 Aug	03 j 16:15	3°♋14'51	
direct	-3073 Aug	06 j 07:24	2°♋39'44	
asc. node	-3073 Aug	09 j 17:18	3°♋38'43	
morning max el	-3073 Aug	12 j 19:55	6°♋06'23	18°00'40
	-3073 Aug	28 j 14:16	0°♌	
morning set	-3073 Aug	30 j 02:55	2°♌37'05	
superior conj	-3073 Sep	12 j 02:14	24°♌21'47	0°52'31
minimum elong	-3073 Sep	12 j 07:28	24°♌43'07	0°51'57
	-3073 Sep	15 j 13:53	0°♍	
max. Earth dist.	-3073 Sep	17 j 08:34	2°♍50'41	1.44184 AU
desc. node	-3073 Sep	20 j 12:46	7°♍52'42	
evening rise	-3073 Sep	28 j 10:01	20°♍10'25	
	-3073 Oct	04 j 19:53	0°♎	
greatest brilliancy	-3073 Oct	19 j 03:05	20°♎57'14	-0.6m
evening max el	-3073 Oct	25 j 15:21	28°♎53'11	20°20'49
	-3073 Oct	26 j 18:31	0°♏	
retrograde	-3073 Nov	02 j 12:47	3°♏31'57	
asc. node	-3073 Nov	05 j 16:21	2°♏34'38	
evening set	-3073 Nov	06 j 04:53	2°♏13'52	
	-3073 Nov	08 j 14:51	30°℞♎	
inferior conj	-3073 Nov	11 j 16:53	26°♎06'07	1°57'55
minimum elong	-3073 Nov	11 j 14:26	26°♎14'22	1°56'58
min. Earth dist.	-3073 Nov	12 j 10:28	25°♎06'55	0.66841 AU
morning rise	-3073 Nov	16 j 23:26	19°♎49'48	
direct	-3073 Nov	22 j 14:08	17°♎23'17	
morning max el	-3073 Dec	04 j 02:07	24°♎14'18	24°46'06
	-3073 Dec	09 j 06:29	0°♏	
desc. node	-3073 Dec	17 j 12:19	10°♏44'54	
	-3073 Dec	30 j 08:43	0°♐	
morning set	-3072 Jan	09 j 03:01	16°♐24'45	
max. Earth dist.	-3072 Jan	12 j 21:04	23°♐09'48	1.37352 AU
	-3072 Jan	16 j 12:56	0°♑	
superior conj	-3072 Jan	19 j 10:34	5°♑35'01	-1°-44'-55
minimum elong	-3072 Jan	19 j 13:30	5°♑49'23	1°44'48
evening rise	-3072 Jan	27 j 22:13	22°♑27'40	
	-3072 Jan	31 j 18:27	0°♒	
asc. node	-3072 Feb	01 j 15:32	1°♒40'00	
evening max el	-3072 Feb	13 j 21:13	19°♒49'12	19°19'20
retrograde	-3072 Feb	22 j 22:07	24°♒07'43	
evening set	-3072 Feb	25 j 05:25	23°♒52'10	
inferior conj	-3072 Mar	04 j 12:01	19°♒43'26	2°33'38
minimum elong	-3072 Mar	04 j 16:54	19°♒35'18	2°32'15
min. Earth dist.	-3072 Mar	07 j 08:59	17°♒49'15	0.56567 AU
morning rise	-3072 Mar	13 j 00:31	14°♒52'16	
desc. node	-3072 Mar	14 j 11:22	14°♒25'15	
direct	-3072 Mar	17 j 19:52	13°♒59'05	
morning max el	-3072 Mar	31 j 23:24	21°♒12'32	25°02'44
	-3072 Apr	08 j 13:56	0°♓	
	-3072 Apr	25 j 23:44	0°♈	
morning set	-3072 Apr	27 j 05:52	2°♈36'58	
asc. node	-3072 Apr	29 j 14:59	7°♈40'44	
superior conj	-3072 May	04 j 07:06	17°♈49'05	0°47'10
minimum elong	-3072 May	04 j 05:10	17°♈38'37	0°46'49
max. Earth dist.	-3072 May	05 j 11:59	20°♈25'49	1.32979 AU
	-3072 May	09 j 23:50	0°♉	
evening rise	-3072 May	11 j 13:13	3°♉13'01	
	-3072 May	26 j 05:36	0°♊	
desc. node	-3072 Jun	10 j 10:21	20°♊23'34	
evening max el	-3072 Jun	12 j 16:52	22°♊40'56	27°19'33
	-3072 Jun	25 j 11:54	0°♋	
retrograde	-3072 Jun	26 j 13:28	0°♋03'08	
	-3072 Jun	27 j 14:45	30°℞♊	
evening set	-3072 Jul	03 j 16:09	27°♊37'10	
min. Earth dist.	-3072 Jul	07 j 06:16	24°♊43'33	0.62325 AU
inferior conj	-3072 Jul	10 j 05:52	21°♊54'26	-4°-7'-41
minimum elong	-3072 Jul	10 j 09:03	21°♊46'53	4°07'09
morning rise	-3072 Jul	17 j 04:27	16°♊49'44	
direct	-3072 Jul	19 j 16:51	16°♊21'21	
morning max el	-3072 Jul	26 j 10:36	19°♊46'23	17°56'11
asc. node	-3072 Jul	26 j 14:21	19°♊55'39	
	-3072 Aug	02 j 23:59	0°♋	
morning set	-3072 Aug	11 j 15:52	15°♋07'55	
	-3072 Aug	20 j 00:58	0°♌	
superior conj	-3072 Aug	22 j 19:31	4°♌46'37	1°24'47
minimum elong	-3072 Aug	23 j 00:37	5°♌08'25	1°24'22
max. Earth dist.	-3072 Aug	29 j 21:19	16°♌35'15	1.42914 AU
desc. node	-3072 Sep	06 j 09:45	28°♌35'57	
evening rise	-3072 Sep	06 j 15:30	28°♌58'25	
	-3072 Sep	07 j 07:16	0°♍	
	-3072 Sep	27 j 13:45	0°♎	
greatest brilliancy	-3072 Oct	02 j 12:22	6°♎31'49	-0.4m
evening max el	-3072 Oct	07 j 13:17	12°♎19'49	21°30'52
retrograde	-3072 Oct	16 j 09:23	17°♎34'35	
evening set	-3072 Oct	20 j 12:47	15°♎59'16	
asc. node	-3072 Oct	22 j 13:24	14°♎03'36	
inferior conj	-3072 Oct	25 j 22:20	9°♎43'30	1°08'26
minimum elong	-3072 Oct	25 j 20:49	9°♎48'46	1°07'48
min. Earth dist.	-3072 Oct	26 j 04:52	9°♎21'00	0.67313 AU
morning rise	-3072 Oct	31 j 04:31	3°♎26'41	
direct	-3072 Nov	05 j 03:53	1°♎21'00	
morning max el	-3072 Nov	15 j 11:19	7°♎30'07	23°19'52
greatest brilliancy	-3072 Nov	20 j 21:11	13°♎36'42	-0.2m
	-3072 Dec	02 j 23:27	0°♏	
desc. node	-3072 Dec	03 j 09:20	0°♏36'01	
morning set	-3072 Dec	20 j 07:30	27°♏05'15	
	-3072 Dec	22 j 00:55	0°♐	
max. Earth dist.	-3072 Dec	24 j 16:24	4°♐32'53	1.39412 AU
superior conj	-3071 Jan	01 j 06:59	18°♐13'29	-1°-55'-10
minimum elong	-3071 Jan	01 j 08:17	18°♐19'30	1°55'15
	-3071 Jan	07 j 12:10	0°♑	
evening rise	-3071 Jan	10 j 16:01	6°♑05'50	
asc. node	-3071 Jan	18 j 12:34	20°♑39'21	
	-3071 Jan	24 j 20:08	0°♒	
evening max el	-3071 Jan	26 j 22:42	2°♒16'53	18°35'52
retrograde	-3071 Feb	03 j 16:49	6°♒03'22	
evening set	-3071 Feb	06 j 03:31	5°♒42'09	
inferior conj	-3071 Feb	13 j 17:06	1°♒14'04	3°33'06
minimum elong	-3071 Feb	13 j 20:41	1°♒07'07	3°32'28
	-3071 Feb	15 j 07:09	30°℞♑	
min. Earth dist.	-3071 Feb	17 j 02:17	28°♑38'08	0.58331 AU
morning rise	-3071 Feb	21 j 10:09	25°♑55'30	
direct	-3071 Feb	27 j 09:18	24°♑26'06	
desc. node	-3071 Mar	01 j 08:27	24°♑35'44	
	-3071 Mar	11 j 12:26	0°♒	
morning max el	-3071 Mar	13 j 15:58	1°♒57'46	26°26'39
	-3071 Apr	02 j 16:22	0°♓	
morning set	-3071 Apr	11 j 17:04	17°♓35'41	
asc. node	-3071 Apr	16 j 12:00	27°♓51'46	
	-3071 Apr	17 j 11:29	0°♈	
superior conj	-3071 Apr	18 j 18:35	2°♈50'16	0°23'41
minimum elong	-3071 Apr	18 j 17:33	2°♈44'37	0°23'27
max. Earth dist.	-3071 Apr	19 j 00:26	3°♈22'21	1.32592 AU
evening rise	-3071 Apr	25 j 19:51	18°♈00'46	
	-3071 May	01 j 20:22	0°♉	
	-3071 May	21 j 07:56	0°♊	
evening max el	-3071 May	25 j 20:14	4°♊47'42	26°43'26
desc. node	-3071 May	28 j 07:23	6°♊59'22	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3071 Jun 08 j 20:47	12°♊06'14	
evening set	-3071 Jun 15 j 12:41	10°♊11'00	
min. Earth dist.	-3071 Jun 19 j 09:42	7°♊30'29	0.60338 AU
inferior conj	-3071 Jun 22 j 17:40	4°♊45'23	-4°-24'-32
minimum elong	-3071 Jun 22 j 18:32	4°♊43'35	4°24'26
morning rise	-3071 Jun 30 j 03:37	0°♊02'30	
	-3071 Jun 30 j 06:55	30°℞♉	
direct	-3071 Jul 02 j 15:11	29°♉38'58	
	-3071 Jul 04 j 22:11	0°♊	
morning max el	-3071 Jul 09 j 22:21	3°♊12'12	18°10'52
asc. node	-3071 Jul 13 j 11:24	7°♊18'08	
morning set	-3071 Jul 25 j 21:00	28°♊26'17	
	-3071 Jul 26 j 16:58	0°♋	
superior conj	-3071 Aug 04 j 15:10	16°♋30'00	1°42'52
minimum elong	-3071 Aug 04 j 17:55	16°♋42'21	1°42'48
max. Earth dist.	-3071 Aug 12 j 04:50	29°♋42'47	1.41188 AU
	-3071 Aug 12 j 08:55	0°♌	
evening rise	-3071 Aug 17 j 12:01	8°♌29'34	
desc. node	-3071 Aug 24 j 06:43	19°♌13'18	
	-3071 Aug 31 j 10:30	0°♍	
greatest brilliancy	-3071 Sep 15 j 07:08	20°♍15'00	-0.3m
evening max el	-3071 Sep 20 j 05:31	25°♍46'24	22°49'03
	-3071 Sep 25 j 06:37	0°♎	
retrograde	-3071 Sep 30 j 03:40	1°♎39'29	
evening set	-3071 Oct 04 j 20:23	29°♍45'04	
	-3071 Oct 04 j 12:54	30°℞♍	
asc. node	-3071 Oct 09 j 10:29	24°♍28'27	
inferior conj	-3071 Oct 10 j 05:01	23°♍24'44	0°15'55
minimum elong	-3071 Oct 10 j 04:38	23°♍26'02	0°15'46
transit middle	-3071 Oct 10 j 04:38	23°♍26'02	0°15'46
transit begin	-3071 Oct 10 j 03:55	23°♍28'29	
transit end	-3071 Oct 10 j 05:21	23°♍23'34	
min. Earth dist.	-3071 Oct 10 j 01:10	23°♍38'00	0.67478 AU
morning rise	-3071 Oct 15 j 12:49	17°♍10'16	
direct	-3071 Oct 19 j 21:30	15°♍26'40	
morning max el	-3071 Oct 29 j 00:24	20°♍50'43	21°54'48
greatest brilliancy	-3071 Nov 02 j 20:43	26°♍21'30	-0.4m
	-3071 Nov 05 j 17:03	0°♎	
desc. node	-3071 Nov 20 j 06:20	20°♎47'31	
	-3071 Nov 26 j 06:25	0°♏	
morning set	-3071 Nov 30 j 07:00	6°♏21'14	
max. Earth dist.	-3071 Dec 06 j 16:01	16°♏45'16	1.41452 AU
superior conj	-3071 Dec 14 j 07:47	29°♏51'38	-1°-54'-45
minimum elong	-3071 Dec 14 j 05:49	29°♏43'03	1°54'48
	-3071 Dec 14 j 09:41	0°♐	
evening rise	-3071 Dec 24 j 22:31	19°♐06'55	
	-3071 Dec 30 j 21:44	0°♑	
asc. node	-3070 Jan 05 j 09:37	9°♑03'10	
evening max el	-3070 Jan 10 j 06:43	15°♑09'08	18°12'26
retrograde	-3070 Jan 17 j 05:34	18°♑39'34	
evening set	-3070 Jan 19 j 19:22	18°♑11'28	
inferior conj	-3070 Jan 26 j 18:17	13°♑21'14	3°58'07
minimum elong	-3070 Jan 26 j 19:12	13°♑19'11	3°58'00
min. Earth dist.	-3070 Jan 30 j 00:42	10°♑26'10	0.60351 AU
morning rise	-3070 Feb 02 j 16:10	7°♑42'25	
direct	-3070 Feb 09 j 09:56	5°♑35'21	
desc. node	-3070 Feb 16 j 05:33	7°♑33'11	
morning max el	-3070 Feb 23 j 14:20	13°♑16'23	27°22'54
	-3070 Mar 08 j 22:37	0°♒	
	-3070 Mar 25 j 21:21	0°♓	
morning set	-3070 Mar 27 j 01:29	2°♓24'21	
max. Earth dist.	-3070 Apr 02 j 13:43	16°♓19'20	1.32542 AU
superior conj	-3070 Apr 03 j 06:11	17°♓49'20	0°-1'-15
minimum elong	-3070 Apr 03 j 06:14	17°♓49'38	0°01'16
behind sun begin	-3070 Apr 03 j 01:13	17°♓22'14	
behind sun end	-3070 Apr 03 j 11:14	18°♓17'03	
asc. node	-3070 Apr 03 j 09:02	18°♓04'57	
	-3070 Apr 08 j 20:38	0°♈	
evening rise	-3070 Apr 10 j 05:57	2°♈56'33	
	-3070 Apr 24 j 22:09	0°♉	
evening max el	-3070 May 07 j 17:04	16°♉11'12	25°37'06
desc. node	-3070 May 15 j 04:26	21°♉42'25	
retrograde	-3070 May 21 j 18:44	23°♉23'52	
evening set	-3070 May 27 j 11:32	22°♉06'45	
min. Earth dist.	-3070 Jun 01 j 05:17	19°♉22'11	0.58307 AU
inferior conj	-3070 Jun 04 j 11:39	17°♉02'19	-4°-15'-40
minimum elong	-3070 Jun 04 j 08:52	17°♉07'21	4°15'21
morning rise	-3070 Jun 12 j 10:08	12°♉41'42	
direct	-3070 Jun 14 j 21:51	12°♉22'01	
morning max el	-3070 Jun 23 j 04:21	16°♉15'47	18°45'42
asc. node	-3070 Jun 30 j 08:27	25°♉31'55	
	-3070 Jul 03 j 00:05	0°♊	
morning set	-3070 Jul 09 j 13:54	12°♊21'06	
superior conj	-3070 Jul 18 j 08:04	29°♊18'26	1°48'49
minimum elong	-3070 Jul 18 j 08:19	29°♊19'41	1°48'54
	-3070 Jul 18 j 16:52	0°♋	
max. Earth dist.	-3070 Jul 25 j 07:55	12°♋07'59	1.39234 AU
evening rise	-3070 Jul 29 j 09:45	19°♋13'18	
	-3070 Aug 04 j 22:19	0°♌	
desc. node	-3070 Aug 11 j 03:41	9°♌41'01	
	-3070 Aug 25 j 16:15	0°♍	
evening max el	-3070 Sep 02 j 17:47	9°♍15'05	24°09'33
retrograde	-3070 Sep 13 j 18:35	15°♍44'15	
evening set	-3070 Sep 19 j 02:01	13°♍30'22	
inferior conj	-3070 Sep 24 j 11:14	7°♍08'58	0°-37'-57
minimum elong	-3070 Sep 24 j 12:08	7°♍05'55	0°37'32
min. Earth dist.	-3070 Sep 23 j 21:01	7°♍57'02	0.67339 AU
asc. node	-3070 Sep 26 j 07:35	4°♍42'38	
morning rise	-3070 Sep 29 j 22:28	0°♍59'47	
	-3070 Oct 01 j 17:17	30°℞♌	
direct	-3070 Oct 03 j 18:02	29°♌36'49	
	-3070 Oct 05 j 20:51	0°♍	
morning max el	-3070 Oct 11 j 20:13	4°♍20'20	20°37'48
greatest brilliancy	-3070 Oct 18 j 00:25	11°♍41'55	-0.5m
	-3070 Oct 30 j 18:21	0°♎	
desc. node	-3070 Nov 07 j 03:20	11°♎13'40	
morning set	-3070 Nov 09 j 08:24	14°♎38'59	
max. Earth dist.	-3070 Nov 18 j 23:00	29°♎51'13	1.43178 AU
	-3070 Nov 19 j 01:11	0°♏	
superior conj	-3070 Nov 25 j 07:25	10°♏16'33	-1°-39'-40
minimum elong	-3070 Nov 25 j 01:32	9°♏52'01	1°39'17
	-3070 Dec 06 j 18:53	0°♐	
evening rise	-3070 Dec 07 j 13:45	1°♐23'02	
asc. node	-3070 Dec 23 j 06:41	26°♐40'54	
evening max el	-3070 Dec 24 j 18:24	28°♐18'22	18°08'43
	-3070 Dec 26 j 16:46	0°♑	
retrograde	-3070 Dec 31 j 08:23	1°♑46'12	
evening set	-3069 Jan 03 j 01:18	1°♑10'21	
	-3069 Jan 05 j 02:02	30°℞♐	
inferior conj	-3069 Jan 09 j 12:30	25°♐58'44	3°56'57
minimum elong	-3069 Jan 09 j 11:09	26°♐02'12	3°56'45
min. Earth dist.	-3069 Jan 12 j 07:35	23°♐07'38	0.62319 AU
morning rise	-3069 Jan 15 j 18:55	20°♐05'47	
direct	-3069 Jan 22 j 19:53	17°♐30'07	
desc. node	-3069 Feb 03 j 02:39	22°♐48'28	
morning max el	-3069 Feb 05 j 18:55	25°♐16'11	27°43'44
	-3069 Feb 10 j 04:07	0°♑	
	-3069 Mar 02 j 07:54	0°♒	
morning set	-3069 Mar 11 j 05:03	16°♒55'39	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3069 Mar 16 j 23:47	29°♒02'10	1.32847 AU
	-3069 Mar 17 j 10:32	0°♓	
superior conj	-3069 Mar 18 j 16:14	2°♓40'30	0°-26'-44
minimum elong	-3069 Mar 18 j 17:27	2°♓47'05	0°26'32
asc. node	-3069 Mar 21 j 06:03	8°♓16'07	
evening rise	-3069 Mar 25 j 17:34	17°♓53'21	
	-3069 Mar 31 j 17:58	0°♈	
evening max el	-3069 Apr 19 j 09:02	27°♈00'59	24°09'49
	-3069 Apr 22 j 20:55	0°♉	
desc. node	-3069 May 02 j 01:32	3°♉55'35	
retrograde	-3069 May 03 j 05:21	3°♉58'40	
evening set	-3069 May 07 j 13:58	3°♉16'15	
min. Earth dist.	-3069 May 13 j 20:36	0°♉12'27	0.56546 AU
	-3069 May 14 j 04:43	30°℞♈	
inferior conj	-3069 May 16 j 09:31	28°♈37'19	-3°-30'-19
minimum elong	-3069 May 16 j 03:36	28°♈46'37	3°29'01
morning rise	-3069 May 24 j 21:13	24°♈34'42	
direct	-3069 May 27 j 09:27	24°♈17'59	
morning max el	-3069 Jun 06 j 01:50	28°♈47'15	19°41'06
	-3069 Jun 07 j 07:19	0°♉	
asc. node	-3069 Jun 17 j 05:31	14°♉24'26	
morning set	-3069 Jun 23 j 15:05	26°♉42'40	
	-3069 Jun 25 j 06:16	0°♊	
superior conj	-3069 Jul 01 j 16:28	12°♊54'59	1°45'22
minimum elong	-3069 Jul 01 j 14:58	12°♊47'35	1°45'24
max. Earth dist.	-3069 Jul 07 j 10:32	24°♊00'21	1.37315 AU
	-3069 Jul 10 j 16:45	0°♋	
evening rise	-3069 Jul 11 j 08:23	1°♋10'23	
desc. node	-3069 Jul 29 j 00:42	29°♋53'23	
	-3069 Jul 29 j 02:30	0°♌	
evening max el	-3069 Aug 16 j 04:32	22°♌46'27	25°25'17
retrograde	-3069 Aug 28 j 05:22	29°♌43'56	
evening set	-3069 Sep 03 j 03:49	27°♌12'48	
min. Earth dist.	-3069 Sep 07 j 14:03	22°♌15'42	0.66882 AU
inferior conj	-3069 Sep 08 j 15:14	20°♌53'55	-1°-31'-34
minimum elong	-3069 Sep 08 j 17:24	20°♌46'52	1°30'40
asc. node	-3069 Sep 13 j 04:41	15°♌43'24	
morning rise	-3069 Sep 14 j 07:34	14°♌53'00	
direct	-3069 Sep 17 j 16:07	13°♌47'45	
morning max el	-3069 Sep 24 j 23:23	17°♌58'43	19°33'19
greatest brilliancy	-3069 Oct 03 j 19:41	29°♌19'30	-0.7m
	-3069 Oct 04 j 06:51	0°♍	
morning set	-3069 Oct 19 j 08:40	23°♍00'39	
	-3069 Oct 23 j 20:18	0°♎	
desc. node	-3069 Oct 25 j 00:19	1°♎49'26	
max. Earth dist.	-3069 Nov 01 j 12:09	13°♎36'54	1.44361 AU
superior conj	-3069 Nov 05 j 03:45	19°♎25'44	-1°-7'-23
minimum elong	-3069 Nov 04 j 20:36	18°♎57'08	1°06'38
	-3069 Nov 11 j 16:32	0°♏	
evening rise	-3069 Nov 19 j 09:06	12°♏44'42	
	-3069 Nov 29 j 18:52	0°♐	
evening max el	-3069 Dec 08 j 06:59	11°♐37'59	18°23'58
asc. node	-3069 Dec 10 j 03:44	13°♐19'15	
retrograde	-3069 Dec 14 j 20:41	15°♐14'13	
evening set	-3069 Dec 17 j 17:46	14°♐29'15	
inferior conj	-3069 Dec 23 j 19:51	8°♐58'20	3°37'27
minimum elong	-3069 Dec 23 j 17:10	9°♐05'57	3°36'53
min. Earth dist.	-3069 Dec 26 j 00:22	6°♐28'57	0.64034 AU
morning rise	-3069 Dec 29 j 15:09	2°♐55'33	
direct	-3068 Jan 05 j 13:37	0°♐05'55	
morning max el	-3068 Jan 19 j 03:23	7°♐50'53	27°28'38
desc. node	-3068 Jan 20 j 23:45	9°♐45'21	
	-3068 Feb 05 j 07:58	0°♑	
	-3068 Feb 22 j 12:46	0°♒	
morning set	-3068 Feb 23 j 01:07	1°♒00'42	
max. Earth dist.	-3068 Feb 28 j 02:39	11°♒17'49	1.33544 AU
superior conj	-3068 Mar 01 j 22:58	17°♒17'46	0°-51'-49
minimum elong	-3068 Mar 02 j 01:16	17°♒29'59	0°51'28
asc. node	-3068 Mar 07 j 03:05	28°♒21'18	
	-3068 Mar 07 j 21:39	0°♓	
evening rise	-3068 Mar 09 j 04:56	2°♓44'55	
	-3068 Mar 24 j 11:35	0°♈	
evening max el	-3068 Mar 31 j 01:53	7°♈42'56	22°35'27
retrograde	-3068 Apr 13 j 03:31	14°♈07'12	
evening set	-3068 Apr 16 j 05:58	13°♈46'07	
desc. node	-3068 Apr 17 j 22:39	13°♈17'52	
min. Earth dist.	-3068 Apr 24 j 10:46	10°♈11'19	0.55408 AU
inferior conj	-3068 Apr 25 j 13:29	9°♈33'07	-2°-3'-40
minimum elong	-3068 Apr 25 j 08:14	9°♈40'38	2°02'01
morning rise	-3068 May 04 j 12:46	5°♈36'50	
direct	-3068 May 07 j 04:14	5°♈20'38	
morning max el	-3068 May 18 j 12:46	10°♈39'03	20°56'10
	-3068 Jun 01 j 02:54	0°♉	
asc. node	-3068 Jun 03 j 02:34	3°♉46'20	
morning set	-3068 Jun 06 j 21:55	11°♉23'53	
superior conj	-3068 Jun 14 j 11:50	27°♉06'27	1°34'54
minimum elong	-3068 Jun 14 j 09:25	26°♉54'00	1°34'46
	-3068 Jun 15 j 21:50	0°♊	
max. Earth dist.	-3068 Jun 18 j 19:17	5°♊48'02	1.35644 AU
evening rise	-3068 Jun 23 j 03:12	14°♊08'48	
	-3068 Jul 02 j 01:28	0°♋	
desc. node	-3068 Jul 14 j 21:43	19°♋43'17	
	-3068 Jul 22 j 20:12	0°♌	
evening max el	-3068 Jul 28 j 15:46	6°♌18'30	26°28'14
retrograde	-3068 Aug 10 j 11:20	13°♌32'56	
evening set	-3068 Aug 16 j 23:40	10°♌49'51	
min. Earth dist.	-3068 Aug 21 j 01:52	6°♌30'55	0.66084 AU
inferior conj	-3068 Aug 22 j 15:09	4°♌37'07	-2°-23'-8
minimum elong	-3068 Aug 22 j 18:25	4°♌27'08	2°21'55
	-3068 Aug 26 j 21:23	30°℞♋	
morning rise	-3068 Aug 28 j 14:07	28°♋47'39	
asc. node	-3068 Aug 30 j 01:47	28°♋09'35	
direct	-3068 Aug 31 j 14:04	27°♋56'35	
	-3068 Sep 05 j 11:13	0°♌	
morning max el	-3068 Sep 07 j 08:46	1°♌43'39	18°44'00
	-3068 Sep 26 j 16:49	0°♍	
morning set	-3068 Sep 28 j 05:17	2°♍25'40	
desc. node	-3068 Oct 10 j 21:16	22°♍31'19	
superior conj	-3068 Oct 14 j 05:21	27°♍46'41	0°-21'-12
minimum elong	-3068 Oct 14 j 02:33	27°♍35'40	0°20'51
max. Earth dist.	-3068 Oct 14 j 05:23	27°♍46'50	1.44867 AU
	-3068 Oct 15 j 15:12	0°♎	
evening rise	-3068 Oct 30 j 04:35	23°♎04'42	
	-3068 Nov 03 j 12:17	0°♏	
evening max el	-3068 Nov 20 j 17:55	25°♏02'50	18°56'56
asc. node	-3068 Nov 26 j 00:49	28°♏42'52	
retrograde	-3068 Nov 27 j 14:40	28°♏56'44	
evening set	-3068 Nov 30 j 17:35	28°♏00'42	
inferior conj	-3068 Dec 06 j 12:44	22°♏13'04	3°05'16
minimum elong	-3068 Dec 06 j 09:39	22°♏22'37	3°04'22
min. Earth dist.	-3068 Dec 08 j 02:36	20°♏15'59	0.65411 AU
morning rise	-3068 Dec 12 j 00:45	16°♏03'18	
direct	-3068 Dec 18 j 13:47	13°♏14'28	
morning max el	-3068 Dec 31 j 12:55	20°♏48'04	26°42'18
desc. node	-3067 Jan 06 j 20:47	27°♏53'43	
	-3067 Jan 08 j 13:07	0°♐	
	-3067 Jan 28 j 10:42	0°♑	
morning set	-3067 Feb 05 j 10:05	14°♑26'53	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3067 Feb 09 j 18:45	22°♉57'02	1.34683 AU
	-3067 Feb 13 j 06:07	0°♒	
superior conj	-3067 Feb 14 j 00:07	1°♒32'55	-1°-15'-20
minimum elong	-3067 Feb 14 j 03:12	1°♒48'54	1°14'57
evening rise	-3067 Feb 21 j 14:09	17°♒23'47	
asc. node	-3067 Feb 22 j 00:06	18°♒15'07	
	-3067 Feb 27 j 23:19	0°♓	
evening max el	-3067 Mar 13 j 01:39	18°♓42'25	21°07'02
retrograde	-3067 Mar 24 j 17:05	24°♓17'14	
evening set	-3067 Mar 27 j 02:54	24°♓03'47	
desc. node	-3067 Apr 04 j 19:46	20°♓23'41	
inferior conj	-3067 Apr 05 j 08:36	20°♓05'31	0°-8'-58
minimum elong	-3067 Apr 05 j 08:11	20°♓06'07	0°08'51
transit middle	-3067 Apr 05 j 08:11	20°♓06'07	0°08'51
transit begin	-3067 Apr 05 j 04:47	20°♓10'55	
transit end	-3067 Apr 05 j 11:34	20°♓01'18	
min. Earth dist.	-3067 Apr 06 j 00:40	19°♓42'46	0.55147 AU
morning rise	-3067 Apr 14 j 12:45	15°♓58'43	
direct	-3067 Apr 17 j 16:06	15°♓37'14	
morning max el	-3067 Apr 30 j 12:54	21°♓48'32	22°27'33
	-3067 May 07 j 13:29	0°♈	
asc. node	-3067 May 20 j 23:35	23°♈29'14	
morning set	-3067 May 22 j 08:14	26°♈17'49	
	-3067 May 24 j 02:35	0°♉	
superior conj	-3067 May 29 j 14:43	11°♉41'41	1°19'14
minimum elong	-3067 May 29 j 12:05	11°♉27'45	1°18'55
max. Earth dist.	-3067 Jun 01 j 13:57	17°♉54'17	1.34322 AU
evening rise	-3067 Jun 06 j 12:54	27°♉53'00	
	-3067 Jun 07 j 15:05	0°♊	
	-3067 Jun 25 j 06:55	0°♋	
desc. node	-3067 Jul 01 j 18:45	9°♋00'51	
evening max el	-3067 Jul 11 j 03:24	19°♋42'30	27°10'32
retrograde	-3067 Jul 24 j 11:50	27°♋03'51	
evening set	-3067 Jul 31 j 10:58	24°♋17'32	
min. Earth dist.	-3067 Aug 04 j 06:07	20°♋36'31	0.64914 AU
inferior conj	-3067 Aug 06 j 08:45	18°♋14'23	-3°-10'-23
minimum elong	-3067 Aug 06 j 12:41	18°♋03'19	3°09'11
morning rise	-3067 Aug 12 j 15:49	12°♋39'48	
direct	-3067 Aug 15 j 09:36	11°♋59'37	
asc. node	-3067 Aug 16 j 22:51	12°♋12'30	
morning max el	-3067 Aug 21 j 22:17	15°♋31'08	18°11'25
	-3067 Sep 01 j 06:34	0°♌	
morning set	-3067 Sep 09 j 05:45	13°♌12'22	
	-3067 Sep 19 j 10:49	0°♍	
superior conj	-3067 Sep 23 j 09:09	6°♍19'04	0°27'50
minimum elong	-3067 Sep 23 j 12:29	6°♍32'23	0°27'27
max. Earth dist.	-3067 Sep 26 j 23:48	12°♍03'28	1.44640 AU
desc. node	-3067 Sep 27 j 18:15	13°♍16'21	
	-3067 Oct 08 j 10:46	0°♎	
evening rise	-3067 Oct 10 j 00:24	2°♎26'10	
greatest brilliancy	-3067 Oct 27 j 04:03	28°♎29'41	-0.6m
	-3067 Oct 28 j 05:35	0°♏	
evening max el	-3067 Nov 04 j 00:57	8°♏29'54	19°46'04
retrograde	-3067 Nov 11 j 11:27	12°♏49'52	
asc. node	-3067 Nov 12 j 21:53	12°♏37'58	
evening set	-3067 Nov 14 j 22:13	11°♏40'23	
inferior conj	-3067 Nov 20 j 12:20	5°♏39'00	2°24'20
minimum elong	-3067 Nov 20 j 09:30	5°♏48'16	2°23'20
min. Earth dist.	-3067 Nov 21 j 12:48	4°♏18'37	0.66424 AU
	-3067 Nov 25 j 04:57	30°℞♎	
morning rise	-3067 Nov 25 j 20:08	29°♎24'35	
direct	-3067 Dec 01 j 19:36	26°♎47'55	
	-3067 Dec 09 j 10:54	0°♏	
morning max el	-3067 Dec 13 j 21:54	3°♏57'28	25°32'50
desc. node	-3067 Dec 24 j 17:48	16°♏52'52	
	-3066 Jan 02 j 21:38	0°♐	
morning set	-3066 Jan 19 j 03:19	27°♐00'50	
	-3066 Jan 20 j 18:24	0°♑	
max. Earth dist.	-3066 Jan 22 j 23:20	4°♑07'44	1.36274 AU
superior conj	-3066 Jan 28 j 17:01	15°♑18'08	-1°-35'-35
minimum elong	-3066 Jan 28 j 20:18	15°♑34'30	1°35'20
	-3066 Feb 04 j 22:47	0°♒	
evening rise	-3066 Feb 05 j 19:18	1°♒44'07	
asc. node	-3066 Feb 08 j 21:07	7°♒52'36	
	-3066 Feb 23 j 05:31	0°♓	
evening max el	-3066 Feb 23 j 11:37	0°♓14'44	19°53'15
retrograde	-3066 Mar 05 j 10:15	4°♓58'32	
evening set	-3066 Mar 07 j 16:38	4°♓44'54	
inferior conj	-3066 Mar 16 j 09:01	0°♓43'28	1°42'21
minimum elong	-3066 Mar 16 j 13:03	0°♓37'14	1°41'02
	-3066 Mar 17 j 13:10	30°℞♒	
min. Earth dist.	-3066 Mar 18 j 14:45	29°♒20'58	0.55818 AU
desc. node	-3066 Mar 22 j 16:51	27°♒08'43	
morning rise	-3066 Mar 25 j 06:26	26°♒10'37	
direct	-3066 Mar 29 j 09:01	25°♒33'18	
	-3066 Apr 09 j 09:19	0°♓	
morning max el	-3066 Apr 12 j 05:29	2°♓27'58	24°07'05
	-3066 May 01 j 05:09	0°♈	
morning set	-3066 May 06 j 20:13	11°♈18'30	
asc. node	-3066 May 07 j 20:36	13°♈27'04	
superior conj	-3066 May 13 j 22:31	26°♈32'29	0°59'43
minimum elong	-3066 May 13 j 20:13	26°♈20'03	0°59'21
max. Earth dist.	-3066 May 15 j 17:54	0°♉25'28	1.33368 AU
	-3066 May 15 j 13:08	0°♉	
evening rise	-3066 May 21 j 09:12	12°♉09'52	
	-3066 May 30 j 20:36	0°♊	
desc. node	-3066 Jun 18 j 15:48	27°♊32'12	
	-3066 Jun 20 j 20:36	0°♋	
evening max el	-3066 Jun 23 j 13:37	2°♋45'25	27°25'16
retrograde	-3066 Jul 07 j 06:19	10°♋07'50	
evening set	-3066 Jul 14 j 10:24	7°♋30'14	
min. Earth dist.	-3066 Jul 18 j 00:51	4°♋22'30	0.63371 AU
inferior conj	-3066 Jul 20 j 17:20	1°♋39'32	-3°-50'-6
minimum elong	-3066 Jul 20 j 21:08	1°♋29'53	3°49'15
	-3066 Jul 22 j 09:31	30°℞♊	
morning rise	-3066 Jul 27 j 09:54	26°♊23'15	
direct	-3066 Jul 29 j 23:45	25°♊51'08	
asc. node	-3066 Aug 03 j 19:55	27°♊44'31	
morning max el	-3066 Aug 05 j 13:21	29°♊15'36	17°56'28
	-3066 Aug 06 j 06:31	0°♋	
morning set	-3066 Aug 22 j 06:58	25°♋09'27	
	-3066 Aug 25 j 01:36	0°♌	
superior conj	-3066 Sep 03 j 10:30	15°♌56'28	1°08'00
minimum elong	-3066 Sep 03 j 16:08	16°♌19'51	1°07'26
max. Earth dist.	-3066 Sep 09 j 15:48	26°♌06'06	1.43715 AU
	-3066 Sep 12 j 02:18	0°♍	
desc. node	-3066 Sep 14 j 15:12	4°♍00'52	
evening rise	-3066 Sep 19 j 05:52	11°♍12'26	
	-3066 Oct 01 j 15:39	0°♎	
greatest brilliancy	-3066 Oct 12 j 08:05	15°♎05'59	-0.5m
evening max el	-3066 Oct 18 j 02:22	21°♎56'13	20°49'18
retrograde	-3066 Oct 26 j 08:43	26°♎49'36	
evening set	-3066 Oct 30 j 05:28	25°♎24'14	
asc. node	-3066 Oct 30 j 18:58	24°♎57'27	
inferior conj	-3066 Nov 04 j 16:13	19°♎12'28	1°37'22
minimum elong	-3066 Nov 04 j 14:07	19°♎19'37	1°36'32
min. Earth dist.	-3066 Nov 05 j 04:52	18°♎29'20	0.67082 AU
morning rise	-3066 Nov 09 j 22:22	12°♎55'46	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3066 Nov 15 j 06:27	10°♎38'04		
morning max el	-3066 Nov 26 j 06:35	17°♎11'45	24°09'51	
	-3066 Dec 06 j 22:43	0°♏		
desc. node	-3066 Dec 11 j 14:49	6°♏27'40		
	-3066 Dec 26 j 22:46	0°♐		
morning set	-3066 Dec 31 j 22:57	8°♐26'38		
max. Earth dist.	-3065 Jan 04 j 20:12	15°♐16'39	1.38216 AU	
superior conj	-3065 Jan 11 j 22:08	28°♐23'35	-1°-50'-20	
minimum elong	-3065 Jan 12 j 00:34	28°♐35'13	1°50'19	
	-3065 Jan 12 j 18:16	0°♑		
evening rise	-3065 Jan 20 j 18:01	15°♑39'19		
asc. node	-3065 Jan 26 j 18:09	27°♑07'40		
	-3065 Jan 28 j 09:00	0°♒		
evening max el	-3065 Feb 06 j 07:53	12°♒22'51	18°58'19	
retrograde	-3065 Feb 14 j 18:29	16°♒26'15		
evening set	-3065 Feb 17 j 03:07	16°♒08'33		
inferior conj	-3065 Feb 25 j 02:14	11°♒51'53	3°03'30	
minimum elong	-3065 Feb 25 j 06:54	11°♒43'36	3°02'24	
min. Earth dist.	-3065 Feb 28 j 06:21	9°♒37'41	0.57258 AU	
morning rise	-3065 Mar 05 j 06:47	6°♒48'07		
desc. node	-3065 Mar 09 j 13:55	5°♒43'21		
direct	-3065 Mar 10 j 14:21	5°♒40'51		
morning max el	-3065 Mar 24 j 20:36	13°♒03'33	25°41'15	
	-3065 Apr 07 j 02:31	0°♓		
morning set	-3065 Apr 21 j 08:13	26°♓20'07		
	-3065 Apr 23 j 01:42	0°♈		
asc. node	-3065 Apr 24 j 17:37	3°♈34'50		
superior conj	-3065 Apr 28 j 09:12	11°♈32'02	0°37'26	
minimum elong	-3065 Apr 28 j 07:37	11°♈23'25	0°37'07	
max. Earth dist.	-3065 Apr 29 j 04:16	13°♈16'01	1.32767 AU	
evening rise	-3065 May 05 j 12:50	26°♈49'03		
	-3065 May 07 j 02:14	0°♉		
	-3065 May 24 j 07:42	0°♊		
desc. node	-3065 Jun 05 j 12:50	14°♊58'12		
evening max el	-3065 Jun 05 j 19:58	15°♊15'19	27°08'08	
retrograde	-3065 Jun 19 j 18:20	22°♊36'30		
evening set	-3065 Jun 26 j 18:06	20°♊21'44		
min. Earth dist.	-3065 Jun 30 j 09:35	17°♊36'07	0.61503 AU	
inferior conj	-3065 Jul 03 j 13:47	14°♊45'59	-4°-17'-20	
minimum elong	-3065 Jul 03 j 16:11	14°♊40'35	4°17'01	
morning rise	-3065 Jul 10 j 17:06	9°♊50'42		
direct	-3065 Jul 13 j 04:59	9°♊24'35		
morning max el	-3065 Jul 20 j 03:17	12°♊51'28	18°00'04	
asc. node	-3065 Jul 21 j 16:59	14°♊31'43		
	-3065 Jul 31 j 17:14	0°♋		
morning set	-3065 Aug 05 j 03:29	8°♋02'27		
superior conj	-3065 Aug 15 j 15:39	26°♋57'01	1°34'06	
minimum elong	-3065 Aug 15 j 19:52	27°♋15'26	1°33'51	
	-3065 Aug 17 j 09:51	0°♌		
max. Earth dist.	-3065 Aug 23 j 02:28	9°♌36'41	1.42224 AU	
evening rise	-3065 Aug 29 j 15:47	20°♌13'19		
desc. node	-3065 Sep 01 j 12:11	24°♌42'02		
	-3065 Sep 04 j 22:37	0°♍		
greatest brilliancy	-3065 Sep 26 j 03:10	29°♍57'49	-0.4m	
	-3065 Sep 26 j 03:52	0°♎		
evening max el	-3065 Sep 30 j 21:38	5°♎21'59	22°03'20	
retrograde	-3065 Oct 10 j 04:39	10°♎53'31		
evening set	-3065 Oct 14 j 13:29	9°♎10'10		
asc. node	-3065 Oct 17 j 16:03	5°♎54'11		
inferior conj	-3065 Oct 19 j 22:26	2°♎51'42	0°46'24	
minimum elong	-3065 Oct 19 j 21:22	2°♎55'22	0°45'58	
min. Earth dist.	-3065 Oct 20 j 00:27	2°♎44'45	0.67420 AU	
	-3065 Oct 22 j 01:19	30°℞♍		
morning rise	-3065 Oct 25 j 05:04	26°♍35'25		
direct	-3065 Oct 29 j 21:55	24°♍39'21		
	-3065 Nov 08 j 05:20	0°♎		
morning max el	-3065 Nov 08 j 17:12	0°♎29'41	22°43'00	
greatest brilliancy	-3065 Nov 13 j 10:34	5°♎48'01	-0.3m	
desc. node	-3065 Nov 28 j 11:49	26°♎27'57		
	-3065 Nov 30 j 20:33	0°♏		
morning set	-3065 Dec 12 j 15:11	18°♏30'42		
max. Earth dist.	-3065 Dec 17 j 16:27	26°♏57'29	1.40298 AU	
	-3065 Dec 19 j 10:58	0°♐		
superior conj	-3065 Dec 25 j 10:51	10°♐37'26	-1°-56'-32	
minimum elong	-3065 Dec 25 j 10:58	10°♐37'54	1°56'39	
evening rise	-3064 Jan 04 j 07:28	29°♐02'24		
	-3064 Jan 04 j 19:37	0°♑		
asc. node	-3064 Jan 13 j 15:12	15°♑52'54		
evening max el	-3064 Jan 20 j 12:28	25°♑01'37	18°23'28	
retrograde	-3064 Jan 27 j 21:14	28°♑39'40		
evening set	-3064 Jan 30 j 09:08	28°♑15'48		
inferior conj	-3064 Feb 06 j 16:08	23°♑38'35	3°47'31	
minimum elong	-3064 Feb 06 j 18:37	23°♑33'27	3°47'09	
min. Earth dist.	-3064 Feb 10 j 01:42	20°♑51'11	0.59171 AU	
morning rise	-3064 Feb 14 j 00:39	18°♑10'08		
direct	-3064 Feb 20 j 09:00	16°♑23'59		
desc. node	-3064 Feb 24 j 11:02	17°♑06'14		
morning max el	-3064 Mar 05 j 15:31	24°♑01'27	26°54'42	
	-3064 Mar 11 j 01:55	0°♒		
	-3064 Mar 30 j 03:27	0°♓		
morning set	-3064 Apr 04 j 18:27	11°♓15'18		
asc. node	-3064 Apr 10 j 14:38	23°♓47'10		
superior conj	-3064 Apr 11 j 20:56	26°♓33'03	0°13'15	
minimum elong	-3064 Apr 11 j 20:21	26°♓29'50	0°13'06	
behind sun begin	-3064 Apr 11 j 17:33	26°♓14'29		
behind sun end	-3064 Apr 11 j 23:09	26°♓45'11		
max. Earth dist.	-3064 Apr 11 j 17:21	26°♓13'25	1.32517 AU	
	-3064 Apr 13 j 10:44	0°♈		
evening rise	-3064 Apr 18 j 21:09	11°♈40'47		
	-3064 Apr 28 j 07:40	0°♉		
evening max el	-3064 May 17 j 20:25	27°♉02'59	26°18'35	
	-3064 May 21 j 06:24	0°♊		
desc. node	-3064 May 22 j 09:56	0°♊50'30		
retrograde	-3064 May 31 j 22:20	4°♊20'33		
evening set	-3064 Jun 07 j 05:44	2°♊41'03		
	-3064 Jun 11 j 09:54	30°℞♉		
min. Earth dist.	-3064 Jun 11 j 09:28	0°♊00'49	0.59457 AU	
inferior conj	-3064 Jun 14 j 18:25	27°♉23'30	-4°-24'-35	
minimum elong	-3064 Jun 14 j 17:50	27°♉24'38	4°24'31	
morning rise	-3064 Jun 22 j 09:35	22°♉50'26		
direct	-3064 Jun 24 j 20:58	22°♉28'48		
morning max el	-3064 Jul 02 j 13:02	26°♉09'21	18°23'11	
	-3064 Jul 05 j 22:18	0°♊		
asc. node	-3064 Jul 07 j 14:03	2°♊17'40		
morning set	-3064 Jul 18 j 14:07	21°♊37'27		
	-3064 Jul 22 j 23:28	0°♋		
superior conj	-3064 Jul 27 j 21:06	9°♋10'16	1°46'41	
minimum elong	-3064 Jul 27 j 22:44	9°♋17'47	1°46'44	
max. Earth dist.	-3064 Aug 04 j 07:12	22°♋23'39	1.40370 AU	
evening rise	-3064 Aug 08 j 22:33	0°♌13'54		
	-3064 Aug 08 j 19:11	0°♌		
desc. node	-3064 Aug 18 j 09:10	15°♌15'51		
	-3064 Aug 28 j 09:44	0°♍		
evening max el	-3064 Sep 12 j 11:51	18°♍49'09	23°23'24	
retrograde	-3064 Sep 22 j 21:45	24°♍58'43		
evening set	-3064 Sep 27 j 20:29	22°♍56'09		
inferior conj	-3064 Oct 03 j 05:10	16°♍34'48	0°-6'-50	
minimum elong	-3064 Oct 03 j 05:20	16°♍34'16	0°06'46	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

transit middle	-3064 Oct 03 j 05:20	16°♍34'16	0°06'46
transit begin	-3064 Oct 03 j 02:52	16°♍42'43	
transit end	-3064 Oct 03 j 07:48	16°♍25'49	
min. Earth dist.	-3064 Oct 02 j 21:00	17°♍02'49	0.67455 AU
asc. node	-3064 Oct 03 j 13:08	16°♍07'31	
morning rise	-3064 Oct 08 j 14:13	10°♍21'55	
direct	-3064 Oct 12 j 17:02	8°♍47'19	
morning max el	-3064 Oct 21 j 08:53	13°♍53'44	21°20'36
greatest brilliancy	-3064 Oct 26 j 16:01	20°♍01'31	-0.4m
	-3064 Nov 03 j 00:32	0°♎	
desc. node	-3064 Nov 14 j 08:49	16°♎46'17	
morning set	-3064 Nov 21 j 03:33	27°♎16'23	
	-3064 Nov 22 j 20:57	0°♏	
max. Earth dist.	-3064 Nov 28 j 18:31	9°♏31'14	1.42237 AU
superior conj	-3064 Dec 06 j 01:37	21°♏46'10	-1°-50'-22
minimum elong	-3064 Dec 05 j 21:56	21°♏30'24	1°50'17
	-3064 Dec 10 j 18:52	0°♐	
evening rise	-3064 Dec 17 j 08:01	11°♐45'26	
	-3064 Dec 27 j 19:12	0°♑	
asc. node	-3064 Dec 30 j 12:16	3°♑58'56	
evening max el	-3063 Jan 02 j 22:31	8°♑02'48	18°08'35
retrograde	-3063 Jan 09 j 16:23	11°♑30'21	
evening set	-3063 Jan 12 j 07:29	10°♑59'04	
inferior conj	-3063 Jan 19 j 01:06	5°♑59'54	4°00'19
minimum elong	-3063 Jan 19 j 00:56	6°♑00'16	4°00'12
min. Earth dist.	-3063 Jan 22 j 03:34	3°♑03'40	0.61208 AU
morning rise	-3063 Jan 25 j 15:52	0°♑14'36	
	-3063 Jan 26 j 00:47	30°℞♐	
direct	-3063 Feb 01 j 14:15	27°♐53'23	
	-3063 Feb 08 j 13:44	0°♑	
desc. node	-3063 Feb 10 j 08:07	1°♑07'02	
morning max el	-3063 Feb 15 j 16:31	5°♑37'22	27°36'13
	-3063 Mar 05 j 23:50	0°♒	
morning set	-3063 Mar 20 j 01:05	25°♒57'30	
	-3063 Mar 21 j 23:45	0°♓	
max. Earth dist.	-3063 Mar 26 j 05:35	9°♓05'23	1.32623 AU
superior conj	-3063 Mar 27 j 08:06	11°♓29'45	0°-12'-2
minimum elong	-3063 Mar 27 j 08:39	11°♓32'44	0°11'57
behind sun begin	-3063 Mar 27 j 05:19	11°♓14'31	
behind sun end	-3063 Mar 27 j 12:00	11°♓50'57	
asc. node	-3063 Mar 28 j 11:40	14°♓00'08	
evening rise	-3063 Apr 03 j 08:08	26°♓37'58	
	-3063 Apr 04 j 22:54	0°♈	
	-3063 Apr 22 j 11:34	0°♉	
evening max el	-3063 Apr 29 j 14:55	8°♉10'28	25°01'53
desc. node	-3063 May 09 j 07:01	14°♉33'57	
retrograde	-3063 May 13 j 15:44	15°♉18'08	
evening set	-3063 May 18 j 19:14	14°♉17'15	
min. Earth dist.	-3063 May 24 j 03:05	11°♉25'50	0.57503 AU
inferior conj	-3063 May 27 j 03:57	9°♉23'10	-4°-1'-29
minimum elong	-3063 May 26 j 23:35	9°♉30'35	4°00'48
morning rise	-3063 Jun 04 j 07:58	5°♉10'41	
direct	-3063 Jun 06 j 19:47	4°♉52'25	
morning max el	-3063 Jun 15 j 15:39	8°♉59'54	19°06'42
asc. node	-3063 Jun 24 j 11:06	20°♉49'01	
	-3063 Jun 29 j 12:17	0°♊	
morning set	-3063 Jul 02 j 10:55	5°♊44'24	
superior conj	-3063 Jul 10 j 21:10	22°♊20'24	1°48'20
minimum elong	-3063 Jul 10 j 20:35	22°♊17'34	1°48'26
	-3063 Jul 14 j 22:07	0°♋	
max. Earth dist.	-3063 Jul 17 j 09:20	4°♋32'04	1.38404 AU
evening rise	-3063 Jul 21 j 07:20	11°♋29'56	
	-3063 Aug 01 j 13:24	0°♌	
desc. node	-3063 Aug 05 j 06:11	5°♌37'45	
	-3063 Aug 23 j 17:30	0°♍	
evening max el	-3063 Aug 25 j 23:23	2°♍19'51	24°42'54
retrograde	-3063 Sep 06 j 10:56	9°♍01'46	
evening set	-3063 Sep 12 j 00:43	6°♍40'26	
min. Earth dist.	-3063 Sep 16 j 16:00	1°♍22'03	0.67187 AU
inferior conj	-3063 Sep 17 j 10:41	0°♍19'49	-1°00'-48
minimum elong	-3063 Sep 17 j 12:08	0°♍14'59	1°00'10
	-3063 Sep 17 j 16:39	30°℞♌	
asc. node	-3063 Sep 20 j 10:15	26°♌35'17	
morning rise	-3063 Sep 22 j 23:53	24°♌13'37	
direct	-3063 Sep 26 j 14:35	22°♌58'22	
morning max el	-3063 Oct 04 j 07:46	27°♌26'46	20°08'33
	-3063 Oct 06 j 15:21	0°♍	
greatest brilliancy	-3063 Oct 11 j 09:50	6°♍07'51	-0.6m
	-3063 Oct 27 j 12:35	0°♎	
morning set	-3063 Oct 31 j 01:22	5°♎26'47	
desc. node	-3063 Nov 01 j 05:47	7°♎16'55	
max. Earth dist.	-3063 Nov 11 j 04:33	22°♎56'52	1.43763 AU
	-3063 Nov 15 j 13:25	0°♏	
superior conj	-3063 Nov 16 j 13:32	1°♏38'24	-1°-28'-4
minimum elong	-3063 Nov 16 j 06:31	1°♏09'44	1°27'29
evening rise	-3063 Nov 29 j 15:20	23°♏39'20	
	-3063 Dec 03 j 07:36	0°♐	
asc. node	-3063 Dec 17 j 09:20	21°♐13'17	
evening max el	-3063 Dec 17 j 10:59	21°♐17'27	18°12'58
retrograde	-3063 Dec 23 j 23:40	24°♐47'14	
evening set	-3063 Dec 26 j 18:20	24°♐07'32	
inferior conj	-3062 Jan 02 j 01:21	18°♐47'22	3°50'30
minimum elong	-3062 Jan 01 j 23:19	18°♐52'50	3°50'09
min. Earth dist.	-3062 Jan 04 j 14:21	16°♐04'01	0.63093 AU
morning rise	-3062 Jan 08 j 02:34	12°♐50'08	
direct	-3062 Jan 15 j 03:38	10°♐06'46	
desc. node	-3062 Jan 28 j 05:11	17°♐09'24	
morning max el	-3062 Jan 28 j 22:53	17°♐52'22	27°41'30
	-3062 Feb 08 j 04:10	0°♑	
	-3062 Feb 26 j 18:06	0°♒	
morning set	-3062 Mar 04 j 01:46	10°♒18'13	
max. Earth dist.	-3062 Mar 09 j 13:04	21°♒37'52	1.33098 AU
superior conj	-3062 Mar 11 j 16:57	26°♒15'28	0°-37'-29
minimum elong	-3062 Mar 11 j 18:39	26°♒24'35	0°37'12
	-3062 Mar 13 j 10:35	0°♓	
asc. node	-3062 Mar 15 j 08:42	4°♓09'11	
evening rise	-3062 Mar 18 j 19:52	11°♓33'11	
	-3062 Mar 28 j 08:21	0°♈	
evening max el	-3062 Apr 11 j 06:33	18°♈53'22	23°29'41
retrograde	-3062 Apr 24 j 20:27	25°♈38'29	
desc. node	-3062 Apr 26 j 04:07	25°♈34'35	
evening set	-3062 Apr 28 j 15:23	25°♈06'59	
min. Earth dist.	-3062 May 05 j 17:24	21°♈51'44	0.55971 AU
inferior conj	-3062 May 07 j 17:30	20°♈40'06	-2°-58'-23
minimum elong	-3062 May 07 j 11:15	20°♈49'27	2°56'43
morning rise	-3062 May 16 j 10:32	16°♈41'57	
direct	-3062 May 18 j 23:50	16°♈25'43	
morning max el	-3062 May 29 j 08:38	21°♈14'19	20°10'47
	-3062 Jun 05 j 12:00	0°♉	
asc. node	-3062 Jun 11 j 08:09	9°♉55'02	
morning set	-3062 Jun 16 j 14:48	20°♉15'18	
	-3062 Jun 21 j 09:11	0°♊	
superior conj	-3062 Jun 24 j 10:42	6°♊13'05	1°41'40
minimum elong	-3062 Jun 24 j 08:42	6°♊03'05	1°41'38
max. Earth dist.	-3062 Jun 29 j 14:20	16°♊21'00	1.36566 AU
evening rise	-3062 Jul 03 j 15:11	23°♊54'47	
	-3062 Jul 07 j 00:36	0°♋	
desc. node	-3062 Jul 23 j 03:13	25°♋41'53	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3062 Jul 26 j 04:42	0°♌		
evening max el	-3062 Aug 08 j 10:21	15°♌52'55	25°54'07	
retrograde	-3062 Aug 20 j 19:33	22°♌58'14		
evening set	-3062 Aug 27 j 00:16	20°♌21'09		
min. Earth dist.	-3062 Aug 31 j 07:01	15°♌40'20	0.66590 AU	
inferior conj	-3062 Sep 01 j 13:12	14°♌04'46	-1°-53'-47	
minimum elong	-3062 Sep 01 j 15:52	13°♌56'18	1°52'43	
morning rise	-3062 Sep 07 j 08:11	8°♌08'27		
asc. node	-3062 Sep 07 j 07:19	8°♌09'46		
direct	-3062 Sep 10 j 12:52	7°♌09'33		
morning max el	-3062 Sep 17 j 13:49	11°♌08'51	19°10'27	
	-3062 Oct 01 j 06:22	0°♍		
morning set	-3062 Oct 10 j 08:34	14°♍11'43		
desc. node	-3062 Oct 19 j 02:46	27°♍56'06		
	-3062 Oct 20 j 10:19	0°♎		
max. Earth dist.	-3062 Oct 24 j 20:31	6°♎58'05	1.44672 AU	
superior conj	-3062 Oct 27 j 00:03	10°♎21'52	0°-49'00	
minimum elong	-3062 Oct 26 j 18:06	9°♎58'17	0°48'18	
	-3062 Nov 08 j 05:26	0°♏		
evening rise	-3062 Nov 11 j 01:00	4°♏36'17		
	-3062 Nov 27 j 02:31	0°♐		
evening max el	-3062 Nov 30 j 23:09	4°♐39'48	18°35'46	
asc. node	-3062 Dec 04 j 06:24	7°♐21'55		
retrograde	-3062 Dec 07 j 14:55	8°♐22'28		
evening set	-3062 Dec 10 j 14:17	7°♐32'56		
inferior conj	-3062 Dec 16 j 13:09	1°♐54'13	3°25'02	
minimum elong	-3062 Dec 16 j 10:13	2°♐02'56	3°24'19	
	-3062 Dec 18 j 03:40	30°℞♏		
min. Earth dist.	-3062 Dec 18 j 11:12	29°♏38'02	0.64671 AU	
morning rise	-3062 Dec 22 j 04:56	25°♏48'08		
direct	-3062 Dec 28 j 23:57	22°♏57'35		
	-3061 Jan 10 j 16:30	0°♐		
morning max el	-3061 Jan 11 j 08:15	0°♐38'34	27°12'18	
desc. node	-3061 Jan 15 j 02:15	4°♐39'40		
	-3061 Feb 02 j 04:28	0°♑		
morning set	-3061 Feb 15 j 17:34	24°♑07'54		
	-3061 Feb 18 j 16:45	0°♒		
max. Earth dist.	-3061 Feb 20 j 11:55	3°♒39'15	1.33980 AU	
superior conj	-3061 Feb 23 j 21:33	10°♒43'43	-1°-2'-5	
minimum elong	-3061 Feb 24 j 00:14	10°♒57'51	1°01'42	
asc. node	-3061 Mar 02 j 05:43	24°♒09'57		
evening rise	-3061 Mar 03 j 06:32	26°♒19'58		
	-3061 Mar 05 j 01:08	0°♓		
evening max el	-3061 Mar 24 j 01:27	29°♓38'47	21°56'20	
	-3061 Mar 24 j 10:27	0°♈		
retrograde	-3061 Apr 05 j 14:00	5°♈43'46		
evening set	-3061 Apr 08 j 07:36	5°♈27'06		
desc. node	-3061 Apr 13 j 01:12	3°♈49'15		
inferior conj	-3061 Apr 17 j 16:02	1°♈22'04	-1°-16'-44	
minimum elong	-3061 Apr 17 j 12:30	1°♈27'02	1°15'33	
min. Earth dist.	-3061 Apr 17 j 07:01	1°♈34'44	0.55179 AU	
	-3061 Apr 20 j 03:31	30°℞♓		
morning rise	-3061 Apr 26 j 18:38	27°♓24'03		
direct	-3061 Apr 29 j 13:43	27°♓06'39		
	-3061 May 08 j 03:35	0°♈		
morning max el	-3061 May 11 j 14:48	2°♈47'20	21°33'36	
asc. node	-3061 May 29 j 05:10	29°♈26'36		
	-3061 May 29 j 11:52	0°♉		
morning set	-3061 May 31 j 23:19	5°♉02'38		
superior conj	-3061 Jun 08 j 09:36	20°♉35'45	1°28'49	
minimum elong	-3061 Jun 08 j 07:00	20°♉22'16	1°28'35	
max. Earth dist.	-3061 Jun 12 j 03:04	28°♉14'27	1.35027 AU	
	-3061 Jun 13 j 00:06	0°♊		
evening rise	-3061 Jun 16 j 16:50	7°♊13'53		
	-3061 Jun 29 j 16:01	0°♋		
desc. node	-3061 Jul 10 j 00:15	15°♋19'35		
evening max el	-3061 Jul 21 j 21:38	29°♋21'58	26°49'10	
	-3061 Jul 22 j 13:36	0°♌		
retrograde	-3061 Aug 03 j 23:13	6°♌40'42		
evening set	-3061 Aug 10 j 16:49	3°♌54'37		
min. Earth dist.	-3061 Aug 14 j 15:42	29°♋52'24	0.65631 AU	
	-3061 Aug 14 j 13:05	30°℞♋		
inferior conj	-3061 Aug 16 j 10:40	27°♋45'37	-2°-43'-53	
minimum elong	-3061 Aug 16 j 14:17	27°♋34'55	2°42'38	
morning rise	-3061 Aug 22 j 12:56	22°♋02'26		
direct	-3061 Aug 25 j 09:57	21°♋16'27		
asc. node	-3061 Aug 25 j 04:23	21°♋16'45		
morning max el	-3061 Sep 01 j 01:19	24°♋55'46	18°28'09	
	-3061 Sep 05 j 06:16	0°♌		
morning set	-3061 Sep 20 j 16:52	24°♌11'23		
	-3061 Sep 24 j 06:56	0°♍		
superior conj	-3061 Oct 05 j 23:39	18°♍39'29	0°00'02	
minimum elong	-3061 Oct 05 j 23:39	18°♍39'31	0°00'03	
behind sun begin	-3061 Oct 05 j 12:47	17°♍56'35		
behind sun end	-3061 Oct 06 j 10:32	19°♍22'26		
desc. node	-3061 Oct 05 j 23:44	18°♍39'51		
max. Earth dist.	-3061 Oct 07 j 14:38	21°♍13'13	1.44858 AU	
	-3061 Oct 13 j 04:38	0°♎		
evening rise	-3061 Oct 22 j 10:00	14°♎30'25		
	-3061 Nov 01 j 06:48	0°♏		
greatest brilliancy	-3061 Nov 04 j 00:06	4°♏10'51	-0.7m	
evening max el	-3061 Nov 14 j 08:35	18°♏05'46	19°15'52	
retrograde	-3061 Nov 21 j 10:33	22°♏10'13		
asc. node	-3061 Nov 21 j 03:26	22°♏09'43		
evening set	-3061 Nov 24 j 16:27	21°♏08'51		
inferior conj	-3061 Nov 30 j 09:15	15°♏14'46	2°48'48	
minimum elong	-3061 Nov 30 j 06:12	15°♏24'28	2°47'50	
min. Earth dist.	-3061 Dec 01 j 17:12	13°♏32'59	0.65884 AU	
morning rise	-3061 Dec 05 j 19:06	9°♏02'28		
direct	-3061 Dec 12 j 02:34	6°♏17'47		
morning max el	-3061 Dec 24 j 17:57	13°♏43'29	26°15'02	
desc. node	-3060 Jan 01 j 23:17	23°♏12'10		
	-3060 Jan 07 j 00:49	0°♐		
	-3060 Jan 25 j 21:16	0°♑		
morning set	-3060 Jan 29 j 20:35	7°♑14'44		
max. Earth dist.	-3060 Feb 02 j 23:11	15°♑05'41	1.35305 AU	
superior conj	-3060 Feb 07 j 19:36	24°♑47'42	-1°-24'-26	
minimum elong	-3060 Feb 07 j 22:52	25°♑04'22	1°24'06	
	-3060 Feb 10 j 08:21	0°♒		
evening rise	-3060 Feb 15 j 14:19	10°♒52'20		
asc. node	-3060 Feb 17 j 02:44	13°♒57'54		
	-3060 Feb 25 j 19:18	0°♓		
evening max el	-3060 Mar 05 j 05:21	10°♓51'47	20°33'30	
retrograde	-3060 Mar 16 j 03:56	16°♓04'46		
evening set	-3060 Mar 18 j 10:47	15°♓52'02		
inferior conj	-3060 Mar 27 j 11:48	11°♓54'20	0°40'37	
minimum elong	-3060 Mar 27 j 13:37	11°♓51'41	0°39'57	
min. Earth dist.	-3060 Mar 28 j 21:15	11°♓05'40	0.55316 AU	
desc. node	-3060 Mar 29 j 22:18	10°♓29'57		
morning rise	-3060 Apr 05 j 14:33	7°♓37'34		
direct	-3060 Apr 09 j 02:11	7°♓11'08		
morning max el	-3060 Apr 22 j 11:24	13°♓43'17	23°09'39	
	-3060 May 04 j 21:37	0°♈		
morning set	-3060 May 15 j 10:33	20°♈00'34		
asc. node	-3060 May 15 j 02:12	19°♈17'03		
	-3060 May 20 j 03:16	0°♉		
superior conj	-3060 May 22 j 14:53	5°♉19'16	1°11'22	
minimum elong	-3060 May 22 j 12:20	5°♉05'39	1°11'01	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3060 May 25 j 01:41	10°♉30'36	1.33865 AU
evening rise	-3060 May 30 j 07:32	21°♉13'53	
	-3060 Jun 03 j 21:02	0°♊	
	-3060 Jun 22 j 13:14	0°♋	
desc. node	-3060 Jun 25 j 21:16	4°♋19'42	
evening max el	-3060 Jul 03 j 08:45	12°♋38'07	27°20'29
retrograde	-3060 Jul 16 j 21:27	20°♋01'21	
evening set	-3060 Jul 23 j 23:31	17°♋16'53	
min. Earth dist.	-3060 Jul 27 j 16:07	13°♋50'57	0.64298 AU
inferior conj	-3060 Jul 30 j 00:45	11°♋18'25	-3°-28'-27
minimum elong	-3060 Jul 30 j 04:46	11°♋07'36	3°27'21
morning rise	-3060 Aug 05 j 11:44	5°♋51'20	
direct	-3060 Aug 08 j 03:26	5°♋15'03	
asc. node	-3060 Aug 11 j 01:27	5°♋58'49	
morning max el	-3060 Aug 14 j 15:50	8°♋42'49	18°02'50
	-3060 Aug 28 j 23:01	0°♌	
morning set	-3060 Sep 01 j 04:25	5°♌29'14	
superior conj	-3060 Sep 14 j 10:55	27°♌34'57	0°46'27
minimum elong	-3060 Sep 14 j 15:49	27°♌54'47	0°45'53
	-3060 Sep 15 j 22:50	0°♍	
max. Earth dist.	-3060 Sep 19 j 07:45	5°♍23'44	1.44321 AU
desc. node	-3060 Sep 21 j 20:42	9°♍25'06	
evening rise	-3060 Sep 30 j 21:45	23°♍31'25	
	-3060 Oct 05 j 02:46	0°♎	
greatest brilliancy	-3060 Oct 20 j 17:54	23°♎09'47	-0.6m
	-3060 Oct 26 j 03:10	0°♏	
evening max el	-3060 Oct 27 j 13:20	1°♏32'37	20°11'28
retrograde	-3060 Nov 04 j 07:48	6°♏06'20	
asc. node	-3060 Nov 07 j 00:30	5°♏24'17	
evening set	-3060 Nov 07 j 22:26	4°♏50'37	
	-3060 Nov 12 j 12:12	30°℞♎	
inferior conj	-3060 Nov 13 j 10:56	28°♎44'31	2°05'03
minimum elong	-3060 Nov 13 j 08:22	28°♎53'05	2°04'05
min. Earth dist.	-3060 Nov 14 j 06:17	27°♎39'43	0.66741 AU
morning rise	-3060 Nov 18 j 17:44	22°♎28'37	
direct	-3060 Nov 24 j 10:46	19°♎59'09	
morning max el	-3060 Dec 06 j 02:35	26°♎55'27	24°58'34
	-3060 Dec 08 j 23:41	0°♏	
desc. node	-3060 Dec 18 j 20:17	12°♏28'13	
	-3060 Dec 30 j 16:13	0°♐	
morning set	-3059 Jan 11 j 05:27	19°♐22'21	
max. Earth dist.	-3059 Jan 14 j 23:19	26°♐09'51	1.37061 AU
	-3059 Jan 17 j 00:35	0°♑	
superior conj	-3059 Jan 21 j 08:01	8°♑17'49	-1°-42'-40
minimum elong	-3059 Jan 21 j 11:05	8°♑32'54	1°42'32
evening rise	-3059 Jan 29 j 17:03	25°♑02'59	
	-3059 Feb 01 j 04:56	0°♒	
asc. node	-3059 Feb 02 j 23:45	3°♒26'52	
evening max el	-3059 Feb 15 j 20:01	22°♒40'37	19°27'31
retrograde	-3059 Feb 25 j 02:15	27°♒05'04	
evening set	-3059 Feb 27 j 09:14	26°♒50'07	
inferior conj	-3059 Mar 07 j 18:27	22°♒43'42	2°21'14
minimum elong	-3059 Mar 07 j 23:14	22°♒35'53	2°19'51
min. Earth dist.	-3059 Mar 10 j 12:05	20°♒57'20	0.56353 AU
morning rise	-3059 Mar 16 j 09:32	17°♒57'19	
desc. node	-3059 Mar 16 j 19:23	17°♒49'12	
direct	-3059 Mar 21 j 00:33	17°♒08'37	
morning max el	-3059 Apr 04 j 02:32	24°♒17'42	24°48'34
	-3059 Apr 09 j 07:21	0°♓	
	-3059 Apr 27 j 12:13	0°♈	
morning set	-3059 Apr 29 j 22:44	5°♈02'15	
asc. node	-3059 May 01 j 23:14	9°♈19'43	
superior conj	-3059 May 07 j 00:09	20°♈14'43	0°50'33
minimum elong	-3059 May 06 j 22:07	20°♈03'40	0°50'12
max. Earth dist.	-3059 May 08 j 08:39	23°♈10'33	1.33073 AU
	-3059 May 11 j 13:23	0°♉	
evening rise	-3059 May 14 j 07:20	5°♉41'45	
	-3059 May 27 j 11:53	0°♊	
desc. node	-3059 Jun 12 j 18:20	22°♊26'09	
evening max el	-3059 Jun 15 j 17:45	25°♊28'52	27°22'05
	-3059 Jun 21 j 07:46	0°♋	
retrograde	-3059 Jun 29 j 13:27	2°♋50'57	
evening set	-3059 Jul 06 j 16:47	0°♋21'41	
	-3059 Jul 07 j 04:58	30°℞♊	
min. Earth dist.	-3059 Jul 10 j 06:49	27°♊24'42	0.62606 AU
inferior conj	-3059 Jul 13 j 04:37	24°♊36'47	-4°-3'-36
minimum elong	-3059 Jul 13 j 08:00	24°♊28'35	4°02'59
morning rise	-3059 Jul 20 j 01:35	19°♊28'53	
direct	-3059 Jul 22 j 14:19	18°♊59'34	
asc. node	-3059 Jul 28 j 22:33	22°♊04'34	
morning max el	-3059 Jul 29 j 06:43	22°♊24'12	17°55'37
	-3059 Aug 04 j 04:09	0°♋	
morning set	-3059 Aug 14 j 14:33	17°♋52'09	
	-3059 Aug 21 j 11:14	0°♌	
superior conj	-3059 Aug 26 j 00:02	7°♌47'26	1°20'51
minimum elong	-3059 Aug 26 j 05:23	8°♌10'03	1°20'23
max. Earth dist.	-3059 Sep 01 j 21:30	19°♌13'54	1.43139 AU
desc. node	-3059 Sep 08 j 17:41	0°♍08'52	
	-3059 Sep 08 j 15:25	0°♍	
evening rise	-3059 Sep 10 j 02:37	2°♍17'33	
	-3059 Sep 28 j 16:06	0°♎	
greatest brilliancy	-3059 Oct 05 j 07:46	8°♎58'39	-0.4m
evening max el	-3059 Oct 10 j 12:15	14°♎59'25	21°19'50
retrograde	-3059 Oct 19 j 04:35	20°♎08'21	
evening set	-3059 Oct 23 j 06:14	18°♎35'39	
asc. node	-3059 Oct 24 j 21:34	17°♎05'54	
inferior conj	-3059 Oct 28 j 16:03	12°♎20'54	1°16'11
minimum elong	-3059 Oct 28 j 14:21	12°♎26'42	1°15'28
min. Earth dist.	-3059 Oct 29 j 00:08	11°♎53'05	0.67264 AU
morning rise	-3059 Nov 02 j 22:09	6°♎04'07	
direct	-3059 Nov 07 j 23:48	3°♎55'13	
morning max el	-3059 Nov 18 j 11:30	10°♎10'37	23°32'52
	-3059 Dec 04 j 03:41	0°♏	
desc. node	-3059 Dec 05 j 17:17	2°♏15'18	
	-3059 Dec 23 j 10:30	0°♐	
morning set	-3059 Dec 23 j 14:00	0°♐14'45	
max. Earth dist.	-3059 Dec 27 j 18:52	7°♐28'31	1.39103 AU
superior conj	-3058 Jan 04 j 06:51	21°♐03'42	-1°-54'-14
minimum elong	-3058 Jan 04 j 08:30	21°♐11'24	1°54'17
	-3058 Jan 08 j 23:43	0°♑	
evening rise	-3058 Jan 13 j 12:14	8°♑45'45	
asc. node	-3058 Jan 20 j 20:47	22°♑30'27	
	-3058 Jan 25 j 14:17	0°♒	
evening max el	-3058 Jan 29 j 20:14	5°♒03'19	18°41'01
retrograde	-3058 Feb 06 j 18:11	8°♒53'37	
evening set	-3058 Feb 09 j 04:24	8°♒33'19	
inferior conj	-3058 Feb 16 j 20:23	4°♒08'11	3°26'28
minimum elong	-3058 Feb 17 j 00:18	4°♒00'44	3°25'42
min. Earth dist.	-3058 Feb 20 j 04:43	1°♒37'18	0.58046 AU
	-3058 Feb 22 j 15:03	30°℞♑	
morning rise	-3058 Feb 24 j 16:28	28°♑53'18	
direct	-3058 Mar 02 j 11:50	27°♑29'50	
desc. node	-3058 Mar 03 j 16:29	27°♑33'22	
	-3058 Mar 10 j 11:36	0°♒	
morning max el	-3058 Mar 16 j 18:31	4°♒59'12	26°15'41
	-3058 Apr 04 j 00:24	0°♓	
morning set	-3058 Apr 14 j 10:12	20°♓01'48	
asc. node	-3058 Apr 18 j 20:16	29°♓29'52	
	-3058 Apr 19 j 01:48	0°♈	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3058 Apr 21 j 11:30	5°♈15'29	0°27'21
minimum elong	-3058 Apr 21 j 10:19	5°♈09'01	0°27'06
max. Earth dist.	-3058 Apr 21 j 20:45	6°♈06'09	1.32630 AU
evening rise	-3058 Apr 28 j 13:17	20°♈27'27	
	-3058 May 03 j 07:22	0°♉	
	-3058 May 22 j 00:10	0°♊	
evening max el	-3058 May 28 j 22:01	7°♊41'59	26°50'49
desc. node	-3058 May 30 j 15:24	9°♊16'13	
retrograde	-3058 Jun 11 j 21:56	15°♊00'59	
evening set	-3058 Jun 18 j 16:20	13°♊00'20	
min. Earth dist.	-3058 Jun 22 j 11:30	10°♊19'08	0.60645 AU
inferior conj	-3058 Jun 25 j 18:47	7°♊32'09	-4°-23'-26
minimum elong	-3058 Jun 25 j 20:06	7°♊29'21	4°23'18
morning rise	-3058 Jul 03 j 02:58	2°♊46'00	
direct	-3058 Jul 05 j 14:37	2°♊21'48	
morning max el	-3058 Jul 12 j 19:08	5°♊52'55	18°07'27
asc. node	-3058 Jul 15 j 19:38	9°♊18'21	
	-3058 Jul 28 j 03:48	0°♋	
morning set	-3058 Jul 28 j 17:39	1°♋04'35	
superior conj	-3058 Aug 07 j 16:09	19°♋20'22	1°40'57
minimum elong	-3058 Aug 07 j 19:18	19°♋34'24	1°40'52
	-3058 Aug 13 j 18:56	0°♌	
max. Earth dist.	-3058 Aug 15 j 06:07	2°♌28'46	1.41466 AU
evening rise	-3058 Aug 20 j 20:00	11°♌39'49	
desc. node	-3058 Aug 26 j 14:40	20°♌47'28	
	-3058 Sep 01 j 16:20	0°♍	
greatest brilliancy	-3058 Sep 18 j 10:08	23°♍03'06	-0.3m
evening max el	-3058 Sep 23 j 05:13	28°♍25'42	22°37'04
	-3058 Sep 24 j 20:28	0°♎	
retrograde	-3058 Oct 02 j 23:20	4°♎13'09	
evening set	-3058 Oct 07 j 14:01	2°♎21'31	
	-3058 Oct 09 j 22:03	30°℞♍	
asc. node	-3058 Oct 11 j 18:41	27°♍37'28	
inferior conj	-3058 Oct 12 j 22:40	26°♍01'33	0°24'00
minimum elong	-3058 Oct 12 j 22:06	26°♍03'29	0°23'46
min. Earth dist.	-3058 Oct 12 j 20:17	26°♍09'45	0.67474 AU
morning rise	-3058 Oct 18 j 06:07	19°♍46'38	
direct	-3058 Oct 22 j 16:52	17°♍59'53	
morning max el	-3058 Oct 31 j 23:54	23°♍30'32	22°07'05
greatest brilliancy	-3058 Nov 05 j 17:53	28°♍53'08	-0.4m
	-3058 Nov 06 j 15:24	0°♎	
desc. node	-3058 Nov 22 j 14:17	22°♎23'58	
	-3058 Nov 27 j 13:58	0°♏	
morning set	-3058 Dec 03 j 17:45	9°♏42'37	
max. Earth dist.	-3058 Dec 09 j 17:38	19°♏32'51	1.41161 AU
	-3058 Dec 15 j 20:02	0°♐	
superior conj	-3058 Dec 17 j 10:54	2°♐51'20	-1°-55'-41
minimum elong	-3058 Dec 17 j 09:32	2°♐45'15	1°55'45
evening rise	-3058 Dec 27 j 20:38	21°♐52'45	
	-3057 Jan 01 j 06:12	0°♑	
asc. node	-3057 Jan 07 j 17:50	11°♑00'12	
evening max el	-3057 Jan 13 j 03:26	17°♑52'14	18°14'41
retrograde	-3057 Jan 20 j 04:33	21°♑24'20	
evening set	-3057 Jan 22 j 17:51	20°♑57'22	
inferior conj	-3057 Jan 29 j 18:45	16°♑10'26	3°56'15
minimum elong	-3057 Jan 29 j 20:04	16°♑07'32	3°56'04
min. Earth dist.	-3057 Feb 02 j 02:15	13°♑16'36	0.60041 AU
morning rise	-3057 Feb 05 j 19:16	10°♑33'59	
direct	-3057 Feb 12 j 10:52	8°♑32'15	
desc. node	-3057 Feb 18 j 13:34	10°♑06'59	
morning max el	-3057 Feb 26 j 16:04	16°♑12'35	27°16'46
	-3057 Mar 09 j 23:52	0°♒	
	-3057 Mar 27 j 09:46	0°♓	
morning set	-3057 Mar 29 j 19:13	4°♓52'57	

superior conj	-3057 Apr 05 j 23:13	20°♓15'41	0°02'37
minimum elong	-3057 Apr 05 j 23:06	20°♓15'04	0°02'34
behind sun begin	-3057 Apr 05 j 18:09	19°♓47'55	
behind sun end	-3057 Apr 06 j 04:04	20°♓42'13	
max. Earth dist.	-3057 Apr 05 j 10:12	19°♓04'25	1.32523 AU
asc. node	-3057 Apr 05 j 17:17	19°♓43'12	
	-3057 Apr 10 j 10:25	0°♈	
evening rise	-3057 Apr 12 j 23:01	5°♈22'51	
	-3057 Apr 26 j 02:09	0°♉	
evening max el	-3057 May 10 j 19:44	19°♉11'50	25°48'36
desc. node	-3057 May 17 j 12:30	24°♉19'09	
retrograde	-3057 May 24 j 21:34	26°♉26'11	
evening set	-3057 May 30 j 18:36	25°♉03'07	
min. Earth dist.	-3057 Jun 04 j 08:05	22°♉20'18	0.58600 AU
inferior conj	-3057 Jun 07 j 15:40	19°♉55'09	-4°-19'-10
minimum elong	-3057 Jun 07 j 13:28	19°♉59'11	4°18'57
morning rise	-3057 Jun 15 j 12:14	15°♉31'32	
direct	-3057 Jun 17 j 23:52	15°♉11'23	
morning max el	-3057 Jun 26 j 02:16	19°♉01'08	18°39'13
asc. node	-3057 Jul 02 j 16:43	27°♉25'38	
	-3057 Jul 04 j 06:49	0°♊	
morning set	-3057 Jul 12 j 09:05	14°♊54'59	
	-3057 Jul 20 j 04:42	0°♋	
superior conj	-3057 Jul 21 j 06:20	2°♋00'47	1°48'33
minimum elong	-3057 Jul 21 j 06:56	2°♋03'38	1°48'39
max. Earth dist.	-3057 Jul 28 j 09:31	14°♋59'39	1.39531 AU
evening rise	-3057 Aug 01 j 13:52	22°♋12'34	
	-3057 Aug 06 j 06:52	0°♌	
desc. node	-3057 Aug 13 j 11:41	11°♌17'16	
	-3057 Aug 26 j 15:37	0°♍	
evening max el	-3057 Sep 05 j 17:51	11°♍53'48	23°57'37
retrograde	-3057 Sep 16 j 14:55	18°♍18'18	
evening set	-3057 Sep 21 j 20:04	16°♍07'15	
min. Earth dist.	-3057 Sep 26 j 16:25	10°♍28'37	0.67382 AU
inferior conj	-3057 Sep 27 j 05:05	9°♍45'37	0°-29'-45
minimum elong	-3057 Sep 27 j 05:47	9°♍43'13	0°29'26
asc. node	-3057 Sep 28 j 15:48	7°♍49'30	
morning rise	-3057 Oct 02 j 15:43	3°♍35'23	
direct	-3057 Oct 06 j 13:03	2°♍09'34	
morning max el	-3057 Oct 14 j 18:39	6°♍58'52	20°48'27
greatest brilliancy	-3057 Oct 20 j 16:43	13°♍58'36	-0.5m
	-3057 Nov 01 j 00:12	0°♎	
desc. node	-3057 Nov 09 j 11:16	12°♎48'03	
morning set	-3057 Nov 12 j 21:20	18°♎05'30	
	-3057 Nov 20 j 10:01	0°♏	
max. Earth dist.	-3057 Nov 21 j 23:08	2°♏29'53	1.42948 AU
superior conj	-3057 Nov 28 j 14:31	13°♏27'25	-1°-43'-2
minimum elong	-3057 Nov 28 j 09:10	13°♏04'55	1°42'44
	-3057 Dec 08 j 04:35	0°♐	
evening rise	-3057 Dec 10 j 14:24	4°♐15'53	
asc. node	-3057 Dec 25 j 14:53	28°♐45'43	
	-3057 Dec 26 j 16:16	0°♑	
evening max el	-3057 Dec 27 j 14:44	0°♑59'22	18°08'08
retrograde	-3056 Jan 03 j 05:32	4°♑26'54	
evening set	-3056 Jan 05 j 21:55	3°♑52'20	
	-3056 Jan 11 j 03:57	30°℞♐	
inferior conj	-3056 Jan 12 j 10:41	28°♐43'56	3°58'28
minimum elong	-3056 Jan 12 j 09:36	28°♐46'38	3°58'18
min. Earth dist.	-3056 Jan 15 j 07:51	25°♐50'45	0.62032 AU
morning rise	-3056 Jan 18 j 19:06	22°♐52'45	
direct	-3056 Jan 25 j 19:42	20°♐20'17	
desc. node	-3056 Feb 05 j 10:38	25°♐03'47	
morning max el	-3056 Feb 08 j 19:47	28°♐06'24	27°43'02
	-3056 Feb 10 j 16:06	0°♑	
	-3056 Mar 02 j 16:44	0°♒	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3056 Mar 12 j 23:37	19°♒27'30	
	-3056 Mar 18 j 00:26	0°♓	
max. Earth dist.	-3056 Mar 18 j 20:54	1°♓50'02	1.32771 AU
superior conj	-3056 Mar 20 j 09:36	5°♓08'37	0°-22'-51
minimum elong	-3056 Mar 20 j 10:39	5°♓14'16	0°22'41
asc. node	-3056 Mar 22 j 14:18	9°♓55'07	
evening rise	-3056 Mar 27 j 10:30	20°♓19'59	
	-3056 Apr 01 j 04:26	0°♈	
	-3056 Apr 21 j 09:50	0°♉	
evening max el	-3056 Apr 21 j 12:10	0°♉05'37	24°23'42
desc. node	-3056 May 03 j 09:36	6°♉57'14	
retrograde	-3056 May 05 j 10:13	7°♉06'42	
evening set	-3056 May 09 j 23:41	6°♉19'54	
min. Earth dist.	-3056 May 15 j 23:58	3°♉19'37	0.56777 AU
inferior conj	-3056 May 18 j 16:34	1°♉36'48	-3°-39'-58
minimum elong	-3056 May 18 j 10:57	1°♉45'48	3°38'49
	-3056 May 21 j 07:13	30°♑℞	
morning rise	-3056 May 27 j 02:17	27°♈31'56	
direct	-3056 May 29 j 14:18	27°♈14'55	
	-3056 Jun 06 j 02:11	0°♉	
morning max el	-3056 Jun 08 j 01:11	1°♉38'11	19°31'29
asc. node	-3056 Jun 18 j 13:45	16°♉13'02	
morning set	-3056 Jun 25 j 09:12	29°♉12'59	
	-3056 Jun 25 j 18:36	0°♊	
superior conj	-3056 Jul 03 j 12:42	15°♊31'03	1°46'24
minimum elong	-3056 Jul 03 j 11:25	15°♊24'44	1°46'26
max. Earth dist.	-3056 Jul 09 j 11:35	26°♊54'38	1.37593 AU
	-3056 Jul 11 j 03:52	0°♋	
evening rise	-3056 Jul 13 j 09:03	3°♋59'33	
	-3056 Jul 29 j 07:43	0°♌	
desc. node	-3056 Jul 30 j 08:44	1°♌32'36	
evening max el	-3056 Aug 18 j 04:45	25°♌25'18	25°14'37
	-3056 Aug 23 j 16:10	0°♍	
retrograde	-3056 Aug 30 j 02:24	2°♍19'15	
evening set	-3056 Sep 04 j 22:34	29°♌50'36	
	-3056 Sep 04 j 18:09	30°♑℞♌	
min. Earth dist.	-3056 Sep 09 j 10:05	24°♌47'49	0.66972 AU
inferior conj	-3056 Sep 10 j 09:33	23°♌31'04	-1°-23'-32
minimum elong	-3056 Sep 10 j 11:32	23°♌24'35	1°22'41
asc. node	-3056 Sep 14 j 12:52	18°♌40'34	
morning rise	-3056 Sep 16 j 01:01	17°♌28'35	
direct	-3056 Sep 19 j 11:03	16°♌20'53	
morning max el	-3056 Sep 26 j 20:43	20°♌36'13	19°41'55
	-3056 Oct 04 j 09:05	0°♍	
greatest brilliancy	-3056 Oct 05 j 03:55	1°♍06'44	-0.6m
morning set	-3056 Oct 21 j 20:12	26°♍22'29	
	-3056 Oct 24 j 04:11	0°♎	
desc. node	-3056 Oct 26 j 08:16	3°♎22'58	
max. Earth dist.	-3056 Nov 03 j 11:27	16°♎10'53	1.44227 AU
superior conj	-3056 Nov 07 j 14:49	22°♎47'54	-1°-13'-20
minimum elong	-3056 Nov 07 j 07:30	22°♎18'31	1°12'36
	-3056 Nov 12 j 01:24	0°♏	
evening rise	-3056 Nov 21 j 13:01	15°♏46'31	
	-3056 Nov 30 j 00:19	0°♐	
evening max el	-3056 Dec 10 j 03:24	14°♐18'15	18°20'34
asc. node	-3056 Dec 11 j 11:56	15°♐34'17	
retrograde	-3056 Dec 16 j 16:34	17°♐52'24	
evening set	-3056 Dec 19 j 12:59	17°♐08'52	
inferior conj	-3056 Dec 25 j 16:17	11°♐40'47	3°41'16
minimum elong	-3056 Dec 25 j 13:45	11°♐47'54	3°40'47
min. Earth dist.	-3056 Dec 27 j 23:05	9°♐07'17	0.63801 AU
morning rise	-3056 Dec 31 j 12:59	5°♐39'23	
direct	-3055 Jan 07 j 12:26	2°♐50'45	
morning max el	-3055 Jan 21 j 03:43	10°♐36'16	27°33'00
desc. node	-3055 Jan 22 j 07:40	11°♐47'19	
	-3055 Feb 05 j 12:03	0°♑	
	-3055 Feb 23 j 00:41	0°♒	
morning set	-3055 Feb 24 j 20:57	3°♒36'45	
max. Earth dist.	-3055 Mar 02 j 00:57	14°♒09'45	1.33412 AU
superior conj	-3055 Mar 04 j 16:54	19°♒48'13	0°-48'-5
minimum elong	-3055 Mar 04 j 19:03	19°♒59'40	0°47'45
asc. node	-3055 Mar 09 j 11:18	0°♓01'28	
	-3055 Mar 09 j 11:02	0°♓	
evening rise	-3055 Mar 11 j 21:58	5°♓12'29	
	-3055 Mar 25 j 10:16	0°♈	
evening max el	-3055 Apr 03 j 04:29	10°♈46'54	22°49'27
retrograde	-3055 Apr 16 j 09:52	17°♈16'59	
evening set	-3055 Apr 19 j 16:09	16°♈53'43	
desc. node	-3055 Apr 20 j 06:39	16°♈44'32	
min. Earth dist.	-3055 Apr 27 j 14:08	13°♈24'27	0.55529 AU
inferior conj	-3055 Apr 28 j 22:43	12°♈37'29	-2°-19'-11
minimum elong	-3055 Apr 28 j 17:02	12°♈45'41	2°17'28
morning rise	-3055 May 07 j 20:30	8°♈41'06	
direct	-3055 May 10 j 11:13	8°♈24'59	
morning max el	-3055 May 21 j 13:37	13°♈35'33	20°43'48
	-3055 Jun 02 j 11:23	0°♉	
asc. node	-3055 Jun 05 j 10:47	5°♉30'52	
morning set	-3055 Jun 09 j 15:17	13°♉51'27	
superior conj	-3055 Jun 17 j 06:37	29°♉37'37	1°36'53
minimum elong	-3055 Jun 17 j 04:17	29°♉25'42	1°36'44
	-3055 Jun 17 j 11:00	0°♊	
max. Earth dist.	-3055 Jun 21 j 19:11	8°♊41'39	1.35875 AU
evening rise	-3055 Jun 26 j 01:08	16°♊49'33	
	-3055 Jul 03 j 10:30	0°♋	
desc. node	-3055 Jul 17 j 05:46	21°♋26'32	
	-3055 Jul 23 j 16:07	0°♌	
evening max el	-3055 Jul 31 j 15:56	8°♌58'02	26°20'02
retrograde	-3055 Aug 13 j 09:01	16°♌10'17	
evening set	-3055 Aug 19 j 19:25	13°♌28'39	
min. Earth dist.	-3055 Aug 23 j 22:49	9°♌03'55	0.66226 AU
inferior conj	-3055 Aug 25 j 10:11	7°♌14'54	-2°-15'-34
minimum elong	-3055 Aug 25 j 13:18	7°♌05'16	2°14'22
morning rise	-3055 Aug 31 j 08:03	1°♌23'28	
asc. node	-3055 Sep 01 j 09:57	0°♌52'35	
direct	-3055 Sep 03 j 09:10	0°♌30'26	
morning max el	-3055 Sep 10 j 05:15	4°♌20'24	18°50'19
	-3055 Sep 28 j 00:19	0°♍	
morning set	-3055 Oct 01 j 13:01	5°♍36'30	
desc. node	-3055 Oct 13 j 05:15	24°♍04'29	
	-3055 Oct 16 j 23:32	0°♎	
max. Earth dist.	-3055 Oct 17 j 04:32	0°♎19'40	1.44843 AU
superior conj	-3055 Oct 17 j 18:07	1°♎13'12	0°-28'-43
minimum elong	-3055 Oct 17 j 14:22	0°♎58'26	0°28'14
evening rise	-3055 Nov 02 j 12:14	26°♎16'25	
	-3055 Nov 04 j 19:44	0°♏	
evening max el	-3055 Nov 23 j 14:44	27°♏42'51	18°50'53
	-3055 Nov 26 j 05:15	0°♐	
asc. node	-3055 Nov 28 j 09:00	1°♐10'25	
retrograde	-3055 Nov 30 j 09:54	1°♐33'23	
evening set	-3055 Dec 03 j 11:52	0°♐39'04	
	-3055 Dec 04 j 11:15	30°♑℞♏	
inferior conj	-3055 Dec 09 j 07:56	24°♏53'38	3°10'42
minimum elong	-3055 Dec 09 j 04:52	25°♏03'02	3°09'53
min. Earth dist.	-3055 Dec 10 j 23:51	22°♏51'30	0.65236 AU
morning rise	-3055 Dec 14 j 20:49	18°♏44'52	
direct	-3055 Dec 21 j 11:37	15°♏55'12	
morning max el	-3054 Jan 03 j 13:11	23°♏30'47	26°50'51
desc. node	-3054 Jan 09 j 04:42	29°♏46'22	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3054 Jan 09 j 09:12	0°♐	
	-3054 Jan 29 j 19:36	0°♑	
morning set	-3054 Feb 08 j 07:47	17°♑09'12	
max. Earth dist.	-3054 Feb 12 j 18:48	25°♑54'22	1.34489 AU
	-3054 Feb 14 j 19:11	0°♒	
superior conj	-3054 Feb 16 j 19:00	4°♒06'52	-1°-11'-56
minimum elong	-3054 Feb 16 j 22:00	4°♒22'28	1°11'34
evening rise	-3054 Feb 24 j 07:36	19°♒53'32	
asc. node	-3054 Feb 24 j 08:19	19°♒57'14	
	-3054 Mar 01 j 08:38	0°♓	
evening max el	-3054 Mar 16 j 02:49	21°♓41'52	21°19'22
retrograde	-3054 Mar 27 j 23:55	27°♓24'36	
evening set	-3054 Mar 30 j 11:21	27°♓10'33	
desc. node	-3054 Apr 07 j 03:42	24°♓04'55	
inferior conj	-3054 Apr 08 j 18:11	23°♓11'11	0°-26'-54
minimum elong	-3054 Apr 08 j 16:55	23°♓12'58	0°26'29
min. Earth dist.	-3054 Apr 09 j 03:50	22°♓57'37	0.55124 AU
morning rise	-3054 Apr 17 j 22:18	19°♓07'21	
direct	-3054 Apr 20 j 23:12	18°♓47'12	
morning max el	-3054 May 03 j 15:09	24°♓50'36	22°13'18
	-3054 May 08 j 08:08	0°♈	
asc. node	-3054 May 23 j 07:49	25°♈11'21	
morning set	-3054 May 25 j 01:12	28°♈44'11	
	-3054 May 25 j 15:45	0°♉	
superior conj	-3054 Jun 01 j 08:33	14°♉10'06	1°21'53
minimum elong	-3054 Jun 01 j 05:54	13°♉56'11	1°21'36
max. Earth dist.	-3054 Jun 04 j 12:26	20°♉45'10	1.34492 AU
evening rise	-3054 Jun 09 j 08:53	0°♊27'56	
	-3054 Jun 09 j 03:09	0°♊	
	-3054 Jun 26 j 11:15	0°♋	
desc. node	-3054 Jul 04 j 02:47	10°♋50'00	
evening max el	-3054 Jul 14 j 03:34	22°♋24'12	27°05'49
retrograde	-3054 Jul 27 j 10:15	29°♋44'49	
evening set	-3054 Aug 03 j 08:10	26°♋58'13	
min. Earth dist.	-3054 Aug 07 j 04:15	23°♋11'51	0.65114 AU
inferior conj	-3054 Aug 09 j 04:51	20°♋53'34	-3°-3'-39
minimum elong	-3054 Aug 09 j 08:44	20°♋42'30	3°02'25
morning rise	-3054 Aug 15 j 10:39	15°♋16'39	
direct	-3054 Aug 18 j 05:13	14°♋35'01	
asc. node	-3054 Aug 19 j 07:02	14°♋41'16	
morning max el	-3054 Aug 24 j 18:20	18°♋08'08	18°15'13
	-3054 Sep 02 j 12:09	0°♌	
morning set	-3054 Sep 12 j 09:23	16°♌11'36	
	-3054 Sep 20 j 19:34	0°♍	
superior conj	-3054 Sep 26 j 20:06	9°♍39'49	0°20'47
minimum elong	-3054 Sep 26 j 22:40	9°♍50'02	0°20'28
max. Earth dist.	-3054 Sep 29 j 23:11	14°♍37'27	1.44723 AU
desc. node	-3054 Sep 30 j 02:15	14°♍49'33	
	-3054 Oct 09 j 18:28	0°♎	
evening rise	-3054 Oct 13 j 11:18	5°♎46'09	
	-3054 Oct 29 j 07:11	0°♏	
greatest brilliancy	-3054 Oct 29 j 14:14	0°♏25'35	-0.7m
evening max el	-3054 Nov 06 j 22:28	11°♏09'50	19°37'42
retrograde	-3054 Nov 14 j 06:30	15°♏25'30	
asc. node	-3054 Nov 15 j 06:03	15°♏19'57	
evening set	-3054 Nov 17 j 15:58	14°♏18'08	
inferior conj	-3054 Nov 23 j 06:43	8°♏18'26	2°30'58
minimum elong	-3054 Nov 23 j 03:49	8°♏27'53	2°29'58
min. Earth dist.	-3054 Nov 24 j 09:02	6°♏52'36	0.66299 AU
morning rise	-3054 Nov 28 j 14:58	2°♏04'30	
	-3054 Dec 01 j 19:35	30°℞♎	
direct	-3054 Dec 04 j 16:32	29°♎25'38	
	-3054 Dec 07 j 18:06	0°♏	
morning max el	-3054 Dec 16 j 22:26	6°♏39'35	25°44'14
desc. node	-3054 Dec 27 j 01:45	18°♏39'09	
	-3053 Jan 04 j 02:49	0°♐	
morning set	-3053 Jan 22 j 03:44	29°♐52'08	
	-3053 Jan 22 j 05:27	0°♑	
max. Earth dist.	-3053 Jan 26 j 01:12	7°♑09'07	1.36014 AU
superior conj	-3053 Jan 31 j 13:21	17°♑57'12	-1°-32'-49
minimum elong	-3053 Jan 31 j 16:39	18°♑13'48	1°32'33
	-3053 Feb 06 j 11:10	0°♒	
evening rise	-3053 Feb 08 j 13:31	4°♒17'16	
asc. node	-3053 Feb 11 j 05:19	9°♒37'36	
	-3053 Feb 23 j 13:25	0°♓	
evening max el	-3053 Feb 26 j 11:09	3°♓08'44	20°03'02
retrograde	-3053 Mar 08 j 15:56	7°♓59'59	
evening set	-3053 Mar 10 j 22:10	7°♓46'44	
inferior conj	-3053 Mar 19 j 16:57	3°♓46'36	1°27'01
minimum elong	-3053 Mar 19 j 20:32	3°♓41'10	1°25'50
min. Earth dist.	-3053 Mar 21 j 17:50	2°♓32'43	0.55657 AU
desc. node	-3053 Mar 25 j 00:47	0°♓43'59	
	-3053 Mar 26 j 15:52	30°℞♒	
morning rise	-3053 Mar 28 j 16:07	29°♒18'14	
direct	-3053 Apr 01 j 14:30	28°♒44'17	
	-3053 Apr 07 j 09:48	0°♓	
morning max el	-3053 Apr 15 j 08:38	5°♓33'35	23°52'24
	-3053 May 02 j 14:45	0°♈	
morning set	-3053 May 09 j 13:03	13°♈44'30	
asc. node	-3053 May 10 j 04:50	15°♈07'31	
superior conj	-3053 May 16 j 15:46	28°♈59'20	1°02'53
minimum elong	-3053 May 16 j 13:23	28°♈46'30	1°02'31
	-3053 May 17 j 03:03	0°♉	
max. Earth dist.	-3053 May 18 j 15:06	3°♉12'41	1.33479 AU
evening rise	-3053 May 24 j 03:50	14°♉40'43	
	-3053 Jun 01 j 05:47	0°♊	
desc. node	-3053 Jun 20 j 23:49	29°♊29'40	
	-3053 Jun 21 j 10:07	0°♋	
evening max el	-3053 Jun 26 j 14:02	5°♋30'59	27°25'03
retrograde	-3053 Jul 10 j 05:46	12°♋53'50	
evening set	-3053 Jul 17 j 09:39	10°♋13'51	
min. Earth dist.	-3053 Jul 21 j 00:27	7°♋01'50	0.63623 AU
inferior conj	-3053 Jul 23 j 14:59	4°♋21'06	-3°-44'-47
minimum elong	-3053 Jul 23 j 18:53	4°♋11'03	3°43'52
	-3053 Jul 28 j 11:39	30°℞♊	
morning rise	-3053 Jul 30 j 06:05	29°♊02'02	
direct	-3053 Aug 01 j 20:21	28°♊28'55	
asc. node	-3053 Aug 06 j 04:08	0°♋00'56	
	-3053 Aug 06 j 03:36	0°♋	
morning max el	-3053 Aug 08 j 09:24	1°♋53'55	17°57'33
morning set	-3053 Aug 25 j 07:15	27°♋59'11	
	-3053 Aug 26 j 11:06	0°♌	
superior conj	-3053 Sep 06 j 17:32	19°♌05'49	1°02'47
minimum elong	-3053 Sep 06 j 23:07	19°♌28'48	1°02'12
max. Earth dist.	-3053 Sep 12 j 15:35	28°♌42'54	1.43893 AU
	-3053 Sep 13 j 10:52	0°♍	
desc. node	-3053 Sep 16 j 23:14	5°♍34'31	
evening rise	-3053 Sep 22 j 17:49	14°♍34'48	
	-3053 Oct 02 j 21:00	0°♎	
greatest brilliancy	-3053 Oct 15 j 00:39	17°♎25'00	-0.5m
evening max el	-3053 Oct 21 j 00:45	24°♎36'20	20°39'06
retrograde	-3053 Oct 29 j 03:55	29°♎24'39	
evening set	-3053 Nov 01 j 23:00	28°♎01'52	
asc. node	-3053 Nov 02 j 03:08	27°♎54'07	
inferior conj	-3053 Nov 07 j 10:08	21°♎51'21	1°44'50
minimum elong	-3053 Nov 07 j 07:55	21°♎58'55	1°43'56
min. Earth dist.	-3053 Nov 08 j 00:28	21°♎02'40	0.67003 AU
morning rise	-3053 Nov 12 j 16:22	15°♎34'43	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3053 Nov 18 j 02:45	13°♎13'54	
morning max el	-3053 Nov 29 j 07:10	19°♎54'01	24°22'40
	-3053 Dec 07 j 22:25	0°♏	
desc. node	-3053 Dec 13 j 22:48	8°♏09'45	
	-3053 Dec 28 j 07:08	0°♐	
morning set	-3052 Jan 04 j 03:05	11°♐30'07	
max. Earth dist.	-3052 Jan 07 j 22:47	18°♐16'31	1.37908 AU
	-3052 Jan 14 j 05:58	0°♑	
superior conj	-3052 Jan 14 j 20:33	1°♑10'00	-1°-48'-35
minimum elong	-3052 Jan 14 j 23:12	1°♑22'45	1°48'32
evening rise	-3052 Jan 23 j 13:26	18°♑17'25	
asc. node	-3052 Jan 29 j 02:21	28°♑56'59	
	-3052 Jan 29 j 16:09	0°♒	
evening max el	-3052 Feb 09 j 06:06	15°♒12'46	19°05'15
retrograde	-3052 Feb 17 j 21:34	19°♒21'13	
evening set	-3052 Feb 20 j 05:39	19°♒04'22	
inferior conj	-3052 Feb 28 j 07:23	14°♒50'36	2°53'36
minimum elong	-3052 Feb 28 j 12:11	14°♒42'15	2°52'23
min. Earth dist.	-3052 Mar 02 j 09:21	12°♒43'02	0.57005 AU
morning rise	-3052 Mar 07 j 14:48	9°♒51'02	
desc. node	-3052 Mar 10 j 21:53	8°♒57'03	
direct	-3052 Mar 12 j 18:06	8°♒48'57	
morning max el	-3052 Mar 26 j 23:42	16°♒08'51	25°28'08
	-3052 Apr 07 j 04:35	0°♓	
morning set	-3052 Apr 23 j 01:10	28°♓46'32	
	-3052 Apr 23 j 15:07	0°♈	
asc. node	-3052 Apr 26 j 01:52	5°♈14'15	
superior conj	-3052 Apr 30 j 02:11	13°♈58'19	0°40'57
minimum elong	-3052 Apr 30 j 00:28	13°♈49'00	0°40'39
max. Earth dist.	-3052 May 01 j 00:38	16°♈00'33	1.32833 AU
evening rise	-3052 May 07 j 06:36	29°♈17'25	
	-3052 May 07 j 14:54	0°♉	
	-3052 May 24 j 10:03	0°♊	
desc. node	-3052 Jun 06 j 20:51	17°♊06'58	
evening max el	-3052 Jun 07 j 21:05	18°♊06'15	27°12'48
retrograde	-3052 Jun 21 j 18:55	25°♊28'02	
evening set	-3052 Jun 28 j 19:58	23°♊09'00	
min. Earth dist.	-3052 Jul 02 j 10:44	20°♊20'56	0.61795 AU
inferior conj	-3052 Jul 05 j 13:27	17°♊30'41	-4°-14'-21
minimum elong	-3052 Jul 05 j 16:10	17°♊24'28	4°13'58
morning rise	-3052 Jul 12 j 15:06	12°♊32'08	
direct	-3052 Jul 15 j 03:06	12°♊05'18	
morning max el	-3052 Jul 21 j 23:40	15°♊31'21	17°58'18
asc. node	-3052 Jul 23 j 01:14	16°♊37'42	
	-3052 Aug 01 j 01:30	0°♋	
morning set	-3052 Aug 07 j 01:13	10°♋44'34	
superior conj	-3052 Aug 17 j 18:35	29°♋53'58	1°31'03
minimum elong	-3052 Aug 17 j 23:09	0°♌13'45	1°30'45
	-3052 Aug 17 j 19:59	0°♌	
max. Earth dist.	-3052 Aug 25 j 02:50	12°♌17'55	1.42474 AU
evening rise	-3052 Sep 01 j 01:46	23°♌29'57	
desc. node	-3052 Sep 02 j 20:13	26°♌16'26	
	-3052 Sep 05 j 05:53	0°♍	
	-3052 Sep 26 j 00:53	0°♎	
greatest brilliancy	-3052 Sep 28 j 00:51	2°♎31'51	-0.4m
evening max el	-3052 Oct 02 j 20:55	8°♎02'12	21°51'53
retrograde	-3052 Oct 12 j 00:08	13°♎28'00	
evening set	-3052 Oct 16 j 07:00	11°♎47'32	
asc. node	-3052 Oct 19 j 00:16	9°♎01'29	
inferior conj	-3052 Oct 21 j 16:08	5°♎29'55	0°54'22
minimum elong	-3052 Oct 21 j 14:54	5°♎34'11	0°53'49
min. Earth dist.	-3052 Oct 21 j 19:44	5°♎17'31	0.67388 AU
	-3052 Oct 26 j 02:10	30°℞♍	
morning rise	-3052 Oct 26 j 22:34	29°♍13'19	
direct	-3052 Oct 31 j 17:39	27°♍13'52	
	-3052 Nov 07 j 04:31	0°♎	
morning max el	-3052 Nov 10 j 17:12	3°♎10'55	22°55'47
greatest brilliancy	-3052 Nov 15 j 13:13	8°♎36'39	-0.3m
desc. node	-3052 Nov 29 j 19:48	28°♎06'46	
	-3052 Dec 01 j 02:22	0°♏	
morning set	-3052 Dec 14 j 23:39	21°♏46'51	
	-3052 Dec 19 j 20:46	0°♐	
max. Earth dist.	-3052 Dec 19 j 18:24	29°♏49'48	1.39988 AU
superior conj	-3052 Dec 27 j 12:04	13°♐32'36	-1°-56'-19
minimum elong	-3052 Dec 27 j 12:38	13°♐35'11	1°56'26
	-3051 Jan 05 j 06:18	0°♑	
evening rise	-3051 Jan 06 j 04:28	1°♑45'47	
asc. node	-3051 Jan 14 j 23:24	17°♑47'25	
evening max el	-3051 Jan 22 j 09:42	27°♑47'53	18°27'25
	-3051 Jan 25 j 03:50	0°♒	
retrograde	-3051 Jan 29 j 21:29	1°♒28'30	
evening set	-3051 Feb 01 j 08:59	1°♒05'36	
	-3051 Feb 03 j 21:22	30°℞♑	
inferior conj	-3051 Feb 08 j 18:14	26°♑31'42	3°43'01
minimum elong	-3051 Feb 08 j 21:07	26°♑25'52	3°42'33
min. Earth dist.	-3051 Feb 12 j 03:59	23°♑47'45	0.58875 AU
morning rise	-3051 Feb 16 j 05:42	21°♑06'32	
direct	-3051 Feb 22 j 11:04	19°♑26'08	
desc. node	-3051 Feb 25 j 19:00	19°♑54'08	
morning max el	-3051 Mar 08 j 17:43	27°♑01'51	26°45'28
	-3051 Mar 11 j 14:08	0°♒	
	-3051 Mar 31 j 13:42	0°♓	
morning set	-3051 Apr 07 j 11:47	13°♓42'59	
asc. node	-3051 Apr 12 j 22:53	25°♓26'04	
superior conj	-3051 Apr 14 j 13:53	28°♓59'32	0°17'00
minimum elong	-3051 Apr 14 j 13:08	28°♓55'25	0°16'50
max. Earth dist.	-3051 Apr 14 j 13:32	28°♓57'37	1.32538 AU
	-3051 Apr 15 j 00:56	0°♈	
evening rise	-3051 Apr 21 j 14:24	14°♈07'54	
	-3051 Apr 29 j 16:29	0°♉	
	-3051 May 20 j 22:21	0°♊	
evening max el	-3051 May 20 j 22:36	0°♊00'38	26°27'51
desc. node	-3051 May 24 j 17:56	3°♊15'21	
retrograde	-3051 Jun 04 j 00:13	7°♊18'36	
evening set	-3051 Jun 10 j 10:46	5°♊33'32	
min. Earth dist.	-3051 Jun 14 j 11:52	2°♊53'30	0.59763 AU
inferior conj	-3051 Jun 17 j 20:39	0°♊13'04	-4°-25'-16
minimum elong	-3051 Jun 17 j 20:37	0°♊13'09	4°25'12
	-3051 Jun 18 j 03:12	30°℞♉	
morning rise	-3051 Jun 25 j 09:58	25°♉36'31	
direct	-3051 Jun 27 j 21:22	25°♉14'15	
morning max el	-3051 Jul 05 j 10:11	28°♉52'09	18°18'29
	-3051 Jul 06 j 12:52	0°♊	
asc. node	-3051 Jul 09 j 22:18	4°♊15'35	
morning set	-3051 Jul 21 j 10:04	24°♊14'11	
	-3051 Jul 24 j 10:55	0°♋	
superior conj	-3051 Jul 30 j 20:47	11°♋57'17	1°45'32
minimum elong	-3051 Jul 30 j 22:48	12°♋06'31	1°45'34
max. Earth dist.	-3051 Aug 07 j 08:32	25°♋12'21	1.40657 AU
	-3051 Aug 10 j 04:33	0°♌	
evening rise	-3051 Aug 12 j 04:52	3°♌20'14	
desc. node	-3051 Aug 20 j 17:13	16°♌51'51	
	-3051 Aug 29 j 13:31	0°♍	
greatest brilliancy	-3051 Sep 09 j 19:52	15°♍06'59	-0.2m
evening max el	-3051 Sep 15 j 11:52	21°♍29'36	23°11'23
retrograde	-3051 Sep 25 j 17:40	27°♍33'24	
evening set	-3051 Sep 30 j 14:15	25°♍33'45	
inferior conj	-3051 Oct 05 j 22:54	19°♍12'43	0°01'19

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3051 Oct 05 j 22:52	19°♍12'50	0°01'20
transit middle	-3051 Oct 05 j 22:52	19°♍12'50	0°01'20
transit begin	-3051 Oct 05 j 20:10	19°♍22'06	
transit end	-3051 Oct 06 j 01:33	19°♍03'34	
min. Earth dist.	-3051 Oct 05 j 16:15	19°♍35'33	0.67470 AU
asc. node	-3051 Oct 05 j 21:22	19°♍17'59	
morning rise	-3051 Oct 11 j 07:28	12°♍59'12	
direct	-3051 Oct 15 j 12:21	11°♍21'24	
morning max el	-3051 Oct 24 j 07:54	16°♍33'49	21°32'20
greatest brilliancy	-3051 Oct 29 j 10:44	22°♍26'51	-0.4m
	-3051 Nov 04 j 03:01	0°♎	
desc. node	-3051 Nov 16 j 16:48	18°♎22'53	
	-3051 Nov 24 j 04:58	0°♏	
morning set	-3051 Nov 24 j 15:42	0°♏42'21	
max. Earth dist.	-3051 Dec 01 j 19:33	12°♏16'02	1.41972 AU
superior conj	-3051 Dec 09 j 06:28	24°♏51'56	-1°-52'-17
minimum elong	-3051 Dec 09 j 03:24	24°♏38'43	1°52'15
	-3051 Dec 12 j 04:55	0°♐	
evening rise	-3051 Dec 20 j 07:10	14°♐35'08	
	-3051 Dec 28 j 23:18	0°♑	
asc. node	-3050 Jan 01 j 20:28	5°♑59'54	
evening max el	-3050 Jan 05 j 19:05	10°♑46'01	18°09'32
retrograde	-3050 Jan 12 j 14:26	14°♑14'11	
evening set	-3050 Jan 15 j 05:07	13°♑44'00	
inferior conj	-3050 Jan 22 j 00:31	8°♑47'57	3°59'58
minimum elong	-3050 Jan 22 j 00:43	8°♑47'27	3°59'52
min. Earth dist.	-3050 Jan 25 j 04:31	5°♑51'41	0.60913 AU
morning rise	-3050 Jan 28 j 17:42	3°♑04'51	
direct	-3050 Feb 04 j 14:45	0°♑48'22	
desc. node	-3050 Feb 12 j 16:05	3°♑32'53	
morning max el	-3050 Feb 18 j 17:44	8°♑31'15	27°32'18
	-3050 Mar 07 j 05:04	0°♒	
morning set	-3050 Mar 22 j 19:04	28°♒27'24	
	-3050 Mar 23 j 12:58	0°♓	
max. Earth dist.	-3050 Mar 29 j 02:13	11°♓51'34	1.32589 AU
superior conj	-3050 Mar 30 j 01:13	13°♓57'00	0°-8'-9
minimum elong	-3050 Mar 30 j 01:36	13°♓59'02	0°08'08
behind sun begin	-3050 Mar 29 j 21:14	13°♓35'13	
behind sun end	-3050 Mar 30 j 05:57	14°♓22'51	
asc. node	-3050 Mar 30 j 19:53	15°♓38'57	
evening rise	-3050 Apr 06 j 01:06	29°♓04'39	
	-3050 Apr 06 j 11:38	0°♈	
	-3050 Apr 23 j 08:40	0°♉	
evening max el	-3050 May 02 j 17:54	11°♉13'28	25°14'33
desc. node	-3050 May 11 j 15:01	17°♉20'43	
retrograde	-3050 May 16 j 19:07	18°♉22'53	
evening set	-3050 May 22 j 03:26	17°♉16'29	
min. Earth dist.	-3050 May 27 j 06:04	14°♉27'45	0.57778 AU
inferior conj	-3050 May 30 j 09:10	12°♉18'48	-4°-7'-27
minimum elong	-3050 May 30 j 05:20	12°♉25'27	4°06'55
morning rise	-3050 Jun 07 j 11:13	8°♉03'32	
direct	-3050 Jun 09 j 23:02	7°♉44'45	
morning max el	-3050 Jun 18 j 13:59	11°♉47'07	18°58'57
asc. node	-3050 Jun 26 j 19:21	22°♉40'47	
	-3050 Jun 30 j 22:22	0°♊	
morning set	-3050 Jul 05 j 05:33	8°♊16'55	
superior conj	-3050 Jul 13 j 18:24	24°♊59'51	1°48'41
minimum elong	-3050 Jul 13 j 18:06	24°♊58'24	1°48'47
	-3050 Jul 16 j 09:45	0°♋	
max. Earth dist.	-3050 Jul 20 j 10:58	7°♋26'30	1.38691 AU
evening rise	-3050 Jul 24 j 09:48	14°♋24'49	
	-3050 Aug 02 j 20:40	0°♌	
desc. node	-3050 Aug 07 j 14:13	7°♌15'55	
	-3050 Aug 24 j 09:13	0°♍	
evening max el	-3050 Aug 28 j 23:36	4°♍59'30	24°31'23
retrograde	-3050 Sep 09 j 07:24	11°♍37'00	
evening set	-3050 Sep 14 j 18:59	9°♍18'12	
min. Earth dist.	-3050 Sep 19 j 11:33	3°♍54'36	0.67248 AU
inferior conj	-3050 Sep 20 j 04:40	2°♍57'19	0°-52'-40
minimum elong	-3050 Sep 20 j 05:55	2°♍53'08	0°52'06
	-3050 Sep 22 j 11:35	30°℞♌	
asc. node	-3050 Sep 22 j 18:27	29°♌39'32	
morning rise	-3050 Sep 25 j 17:09	26°♌50'03	
direct	-3050 Sep 29 j 09:31	25°♌32'09	
morning max el	-3050 Oct 07 j 05:40	0°♍05'30	20°18'31
	-3050 Oct 07 j 03:30	0°♍	
greatest brilliancy	-3050 Oct 13 j 23:21	8°♍15'47	-0.6m
	-3050 Oct 28 j 19:18	0°♎	
morning set	-3050 Nov 03 j 14:14	8°♎53'45	
desc. node	-3050 Nov 03 j 13:47	8°♎52'00	
max. Earth dist.	-3050 Nov 14 j 04:39	25°♎35'27	1.43573 AU
	-3050 Nov 16 j 22:12	0°♏	
superior conj	-3050 Nov 19 j 22:28	4°♏55'27	-1°-32'-34
minimum elong	-3050 Nov 19 j 15:46	4°♏27'53	1°32'03
evening rise	-3050 Dec 02 j 17:19	26°♏36'49	
	-3050 Dec 04 j 16:04	0°♐	
asc. node	-3050 Dec 19 j 17:30	23°♐22'43	
evening max el	-3050 Dec 20 j 07:18	23°♐58'41	18°11'05
retrograde	-3050 Dec 26 j 20:14	27°♐27'33	
evening set	-3050 Dec 29 j 14:18	26°♐49'12	
inferior conj	-3049 Jan 04 j 22:42	21°♐31'53	3°53'05
minimum elong	-3049 Jan 04 j 20:53	21°♐36'41	3°52'49
min. Earth dist.	-3049 Jan 07 j 13:51	18°♐45'33	0.62828 AU
morning rise	-3049 Jan 11 j 01:39	15°♐36'05	
direct	-3049 Jan 18 j 02:51	12°♐55'11	
desc. node	-3049 Jan 30 j 13:08	19°♐19'04	
morning max el	-3049 Jan 31 j 23:31	20°♐40'58	27°43'05
	-3049 Feb 09 j 01:55	0°♑	
	-3049 Feb 28 j 04:23	0°♒	
morning set	-3049 Mar 06 j 20:49	12°♒52'09	
max. Earth dist.	-3049 Mar 12 j 10:45	24°♒28'26	1.32999 AU
superior conj	-3049 Mar 14 j 10:31	28°♒44'51	0°-33'-39
minimum elong	-3049 Mar 14 j 12:03	28°♒53'06	0°33'24
	-3049 Mar 15 j 00:26	0°♓	
asc. node	-3049 Mar 17 j 16:53	5°♓48'56	
evening rise	-3049 Mar 21 j 12:48	14°♓00'45	
	-3049 Mar 29 j 15:38	0°♈	
evening max el	-3049 Apr 14 j 09:31	21°♈58'32	23°43'49
retrograde	-3049 Apr 28 j 01:53	28°♈48'30	
desc. node	-3049 Apr 28 j 12:05	28°♈48'06	
evening set	-3049 May 02 j 01:37	28°♈13'26	
min. Earth dist.	-3049 May 08 j 20:37	25°♈02'30	0.56159 AU
inferior conj	-3049 May 11 j 01:37	23°♈42'22	-3°-10'-41
minimum elong	-3049 May 10 j 19:23	23°♈51'51	3°09'08
morning rise	-3049 May 19 j 16:49	19°♈43'01	
direct	-3049 May 22 j 05:45	19°♈26'39	
morning max el	-3049 Jun 01 j 08:36	24°♈08'03	19°59'57
	-3049 Jun 06 j 11:00	0°♉	
asc. node	-3049 Jun 13 j 16:22	11°♉42'18	
morning set	-3049 Jun 19 j 08:31	22°♉44'53	
	-3049 Jun 22 j 22:02	0°♊	
superior conj	-3049 Jun 27 j 06:13	8°♊47'20	1°43'08
minimum elong	-3049 Jun 27 j 04:23	8°♊38'11	1°43'07
max. Earth dist.	-3049 Jul 02 j 15:02	19°♊16'18	1.36824 AU
evening rise	-3049 Jul 06 j 14:31	26°♊40'16	
	-3049 Jul 08 j 10:57	0°♋	
desc. node	-3049 Jul 25 j 11:14	27°♋23'10	
	-3049 Jul 27 j 07:10	0°♌	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3049 Aug 11 j 10:25	18°♌31'49	25°44'18
retrograde	-3049 Aug 23 j 16:45	25°♌34'37	
evening set	-3049 Aug 29 j 19:20	22°♌59'25	
min. Earth dist.	-3049 Sep 03 j 03:16	18°♌12'57	0.66701 AU
inferior conj	-3049 Sep 04 j 07:42	16°♌42'04	-1°-45'-57
minimum elong	-3049 Sep 04 j 10:12	16°♌34'05	1°44'55
asc. node	-3049 Sep 09 j 15:31	11°♌01'08	
morning rise	-3049 Sep 10 j 01:44	10°♌44'10	
direct	-3049 Sep 13 j 07:43	9°♌43'09	
morning max el	-3049 Sep 20 j 10:44	13°♌46'17	19°18'07
greatest brilliancy	-3049 Sep 30 j 22:17	27°♌38'53	-0.7m
	-3049 Oct 02 j 11:44	0°♍	
morning set	-3049 Oct 13 j 18:33	17°♍29'17	
desc. node	-3049 Oct 21 j 10:46	29°♍30'02	
	-3049 Oct 21 j 18:25	0°♎	
max. Earth dist.	-3049 Oct 27 j 19:42	9°♎31'38	1.44578 AU
superior conj	-3049 Oct 30 j 12:08	13°♎46'55	0°-55'-48
minimum elong	-3049 Oct 30 j 05:37	13°♎21'03	0°55'03
	-3049 Nov 09 j 13:50	0°♏	
evening rise	-3049 Nov 14 j 06:25	7°♏42'30	
	-3049 Nov 28 j 01:57	0°♐	
evening max el	-3049 Dec 03 j 19:37	7°♐19'59	18°31'16
asc. node	-3049 Dec 06 j 14:33	9°♐42'14	
retrograde	-3049 Dec 10 j 10:32	11°♐00'19	
evening set	-3049 Dec 13 j 09:04	10°♐12'26	
inferior conj	-3049 Dec 19 j 09:00	4°♐36'20	3°29'39
minimum elong	-3049 Dec 19 j 06:08	4°♐44'42	3°29'01
min. Earth dist.	-3049 Dec 21 j 09:18	2°♐15'18	0.64454 AU
	-3049 Dec 23 j 11:23	30°♑℞	
morning rise	-3049 Dec 25 j 01:55	28°♏31'16	
direct	-3049 Dec 31 j 22:13	25°♏40'45	
	-3048 Jan 10 j 14:26	0°♐	
morning max el	-3048 Jan 14 j 08:40	3°♐23'32	27°18'41
desc. node	-3048 Jan 17 j 10:10	6°♐37'55	
	-3048 Feb 03 j 10:56	0°♑	
morning set	-3048 Feb 18 j 14:10	26°♑47'21	
	-3048 Feb 20 j 05:13	0°♒	
max. Earth dist.	-3048 Feb 23 j 11:04	6°♒34'54	1.33815 AU
superior conj	-3048 Feb 26 j 15:52	13°♒16'12	0°-58'-28
minimum elong	-3048 Feb 26 j 18:26	13°♒29'42	0°58'06
asc. node	-3048 Mar 03 j 13:53	25°♒51'14	
evening rise	-3048 Mar 04 j 23:44	28°♒49'10	
	-3048 Mar 05 j 13:19	0°♓	
	-3048 Mar 23 j 13:33	0°♈	
evening max el	-3048 Mar 26 j 03:31	2°♈41'58	22°09'52
retrograde	-3048 Apr 07 j 21:04	8°♈54'13	
evening set	-3048 Apr 10 j 17:24	8°♈36'17	
desc. node	-3048 Apr 14 j 09:09	7°♈25'49	
min. Earth dist.	-3048 Apr 19 j 10:24	4°♈50'26	0.55238 AU
inferior conj	-3048 Apr 20 j 01:48	4°♈28'40	-1°-33'-57
minimum elong	-3048 Apr 19 j 21:35	4°♈34'38	1°32'34
morning rise	-3048 Apr 29 j 03:25	0°♈31'42	
direct	-3048 May 01 j 20:58	0°♈14'52	
morning max el	-3048 May 13 j 16:27	5°♈47'44	21°20'10
	-3048 May 29 j 23:02	0°♉	
asc. node	-3048 May 30 j 13:23	1°♉10'27	
morning set	-3048 Jun 02 j 16:29	7°♉30'08	
superior conj	-3048 Jun 10 j 03:57	23°♉06'21	1°31'06
minimum elong	-3048 Jun 10 j 01:25	22°♉53'10	1°30'54
	-3048 Jun 13 j 12:54	0°♊	
max. Earth dist.	-3048 Jun 14 j 02:16	1°♊07'04	1.35237 AU
evening rise	-3048 Jun 18 j 13:53	9°♊52'24	
	-3048 Jun 29 j 23:30	0°♋	
desc. node	-3048 Jul 11 j 08:16	17°♋05'20	
	-3048 Jul 21 j 21:27	0°♌	
evening max el	-3048 Jul 23 j 21:38	2°♌01'52	26°42'17
retrograde	-3048 Aug 05 j 21:18	9°♌19'28	
evening set	-3048 Aug 12 j 13:06	6°♌34'11	
min. Earth dist.	-3048 Aug 16 j 13:07	2°♌26'08	0.65797 AU
inferior conj	-3048 Aug 18 j 06:04	0°♌23'45	-2°-36'-37
minimum elong	-3048 Aug 18 j 09:35	0°♌13'16	2°35'22
	-3048 Aug 18 j 14:02	30°℞♋	
morning rise	-3048 Aug 24 j 07:10	24°♋38'19	
asc. node	-3048 Aug 26 j 12:36	23°♋53'21	
direct	-3048 Aug 27 j 05:07	23°♋50'42	
morning max el	-3048 Sep 02 j 21:34	27°♋32'38	18°33'20
	-3048 Sep 05 j 02:07	0°♌	
morning set	-3048 Sep 22 j 22:43	27°♌16'43	
	-3048 Sep 24 j 15:12	0°♍	
desc. node	-3048 Oct 07 j 07:47	20°♍13'24	
superior conj	-3048 Oct 08 j 11:59	22°♍04'39	0°-7'-31
minimum elong	-3048 Oct 08 j 11:00	22°♍00'43	0°07'24
behind sun begin	-3048 Oct 08 j 00:46	21°♍20'26	
behind sun end	-3048 Oct 08 j 21:13	22°♍41'01	
max. Earth dist.	-3048 Oct 09 j 13:29	23°♍45'02	1.44873 AU
	-3048 Oct 13 j 12:48	0°♎	
evening rise	-3048 Oct 24 j 19:06	17°♎45'52	
	-3048 Nov 01 j 12:41	0°♏	
evening max el	-3048 Nov 16 j 05:39	20°♏45'59	19°08'55
asc. node	-3048 Nov 22 j 11:37	24°♏43'25	
retrograde	-3048 Nov 23 j 05:41	24°♏46'38	
evening set	-3048 Nov 26 j 10:29	23°♏47'14	
inferior conj	-3048 Dec 02 j 04:03	17°♏55'23	2°54'51
minimum elong	-3048 Dec 02 j 00:59	18°♏05'04	2°53'54
min. Earth dist.	-3048 Dec 03 j 14:04	16°♏08'06	0.65725 AU
morning rise	-3048 Dec 07 j 14:35	11°♏43'52	
direct	-3048 Dec 14 j 00:06	8°♏57'25	
morning max el	-3048 Dec 26 j 18:22	16°♏26'23	26°25'01
desc. node	-3047 Jan 03 j 07:13	25°♏02'31	
	-3047 Jan 07 j 01:59	0°♐	
	-3047 Jan 26 j 07:07	0°♑	
morning set	-3047 Jan 31 j 19:23	10°♑01'27	
max. Earth dist.	-3047 Feb 04 j 23:58	18°♑05'22	1.35079 AU
superior conj	-3047 Feb 09 j 15:05	27°♑24'24	-1°-21'-16
minimum elong	-3047 Feb 09 j 18:18	27°♑40'54	1°20'55
	-3047 Feb 10 j 21:18	0°♒	
evening rise	-3047 Feb 17 j 08:05	13°♒23'58	
asc. node	-3047 Feb 18 j 10:55	15°♒41'22	
	-3047 Feb 25 j 23:53	0°♓	
evening max el	-3047 Mar 08 j 05:56	13°♓49'52	20°44'53
retrograde	-3047 Mar 19 j 10:33	19°♓10'24	
evening set	-3047 Mar 21 j 18:07	18°♓57'35	
inferior conj	-3047 Mar 30 j 21:00	15°♓00'06	0°23'10
minimum elong	-3047 Mar 30 j 22:04	14°♓58'34	0°22'47
min. Earth dist.	-3047 Apr 01 j 00:36	14°♓20'24	0.55238 AU
desc. node	-3047 Apr 01 j 06:13	14°♓12'22	
morning rise	-3047 Apr 09 j 00:29	10°♓47'01	
direct	-3047 Apr 12 j 08:57	10°♓22'33	
morning max el	-3047 Apr 25 j 14:11	16°♓47'48	22°54'48
	-3047 May 06 j 01:33	0°♈	
asc. node	-3047 May 17 j 10:26	20°♈58'08	
morning set	-3047 May 18 j 03:26	22°♈26'34	
	-3047 May 21 j 17:04	0°♉	
superior conj	-3047 May 25 j 08:28	7°♉46'59	1°14'15
minimum elong	-3047 May 25 j 05:53	7°♉33'11	1°13'55
max. Earth dist.	-3047 May 27 j 23:27	13°♉19'10	1.34018 AU
evening rise	-3047 Jun 02 j 02:56	23°♉47'02	
	-3047 Jun 05 j 08:12	0°♊	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3047 Jun 23 j 13:53	0°♋		
desc. node	-3047 Jun 28 j 05:17	6°♋11'50		
evening max el	-3047 Jul 06 j 09:00	15°♋20'59	27°17'36	
retrograde	-3047 Jul 19 j 20:23	22°♋43'44		
evening set	-3047 Jul 26 j 21:30	19°♋58'25		
min. Earth dist.	-3047 Jul 30 j 14:58	16°♋27'14	0.64520 AU	
inferior conj	-3047 Aug 01 j 21:28	13°♋58'12	-3°-22'-13	
minimum elong	-3047 Aug 02 j 01:28	13°♋47'13	3°21'05	
morning rise	-3047 Aug 08 j 07:04	8°♋28'22		
direct	-3047 Aug 10 j 23:25	7°♋50'48		
asc. node	-3047 Aug 13 j 09:42	8°♋21'34		
morning max el	-3047 Aug 17 j 11:48	11°♋19'47	18°05'26	
	-3047 Aug 30 j 07:04	0°♌		
morning set	-3047 Sep 04 j 06:29	8°♌23'44		
	-3047 Sep 17 j 07:42	0°♍		
superior conj	-3047 Sep 17 j 20:16	0°♍50'41	0°40'05	
minimum elong	-3047 Sep 18 j 00:42	1°♍08'34	0°39'33	
max. Earth dist.	-3047 Sep 22 j 07:00	7°♍57'23	1.44446 AU	
desc. node	-3047 Sep 24 j 04:46	10°♍58'30		
evening rise	-3047 Oct 04 j 09:23	26°♍52'56		
	-3047 Oct 06 j 09:50	0°♎		
greatest brilliancy	-3047 Oct 23 j 07:54	25°♎19'59	-0.6m	
	-3047 Oct 26 j 19:56	0°♏		
evening max el	-3047 Oct 30 j 11:16	4°♏12'48	20°02'21	
retrograde	-3047 Nov 07 j 02:48	8°♏41'31		
asc. node	-3047 Nov 09 j 08:43	8°♏12'19		
evening set	-3047 Nov 10 j 16:03	7°♏28'02		
inferior conj	-3047 Nov 16 j 05:05	1°♏23'36	2°12'04	
minimum elong	-3047 Nov 16 j 02:25	1°♏32'28	2°11'05	
min. Earth dist.	-3047 Nov 17 j 02:13	0°♏13'18	0.66637 AU	
	-3047 Nov 17 j 06:15	30°℞♎		
morning rise	-3047 Nov 21 j 12:10	25°♎08'13		
direct	-3047 Nov 27 j 07:31	22°♎36'02		
morning max el	-3047 Dec 09 j 03:03	29°♎37'09	25°10'47	
	-3047 Dec 09 j 12:04	0°♏		
desc. node	-3047 Dec 21 j 04:16	14°♏12'45		
	-3047 Dec 31 j 23:05	0°♐		
morning set	-3046 Jan 14 j 07:20	22°♐18'36		
max. Earth dist.	-3046 Jan 18 j 01:33	29°♐10'59	1.36780 AU	
	-3046 Jan 18 j 12:02	0°♑		
superior conj	-3046 Jan 24 j 05:11	11°♑00'02	-1°-40'-18	
minimum elong	-3046 Jan 24 j 08:21	11°♑15'42	1°40'06	
evening rise	-3046 Feb 01 j 11:44	27°♑38'04		
	-3046 Feb 02 j 16:04	0°♒		
asc. node	-3046 Feb 05 j 07:57	5°♒13'24		
evening max el	-3046 Feb 18 j 19:01	25°♒32'59	19°36'06	
	-3046 Feb 27 j 03:17	0°♓		
retrograde	-3046 Feb 28 j 06:45	0°♓03'48		
	-3046 Mar 01 j 10:34	30°℞♒		
evening set	-3046 Mar 02 j 13:29	29°♒49'20		
inferior conj	-3046 Mar 11 j 01:17	25°♒44'56	2°08'06	
minimum elong	-3046 Mar 11 j 05:53	25°♒37'34	2°06'41	
min. Earth dist.	-3046 Mar 13 j 15:09	24°♒06'40	0.56152 AU	
desc. node	-3046 Mar 19 j 03:19	21°♒16'46		
morning rise	-3046 Mar 19 j 18:46	21°♒03'20		
direct	-3046 Mar 24 j 05:26	20°♒18'53		
morning max el	-3046 Apr 07 j 05:40	27°♒23'11	24°34'17	
	-3046 Apr 09 j 18:45	0°♓		
	-3046 Apr 29 j 00:02	0°♈		
morning set	-3046 May 02 j 15:38	7°♈28'08		
asc. node	-3046 May 04 j 07:28	10°♈59'12		
superior conj	-3046 May 09 j 17:18	22°♈41'03	0°53'53	
minimum elong	-3046 May 09 j 15:10	22°♈29'27	0°53'32	
max. Earth dist.	-3046 May 11 j 05:30	25°♈56'32	1.33167 AU	
	-3046 May 13 j 03:04	0°♉		
evening rise	-3046 May 17 j 01:37	8°♉11'29		
	-3046 May 28 j 19:02	0°♊		
desc. node	-3046 Jun 15 j 02:19	24°♊27'47		
evening max el	-3046 Jun 18 j 18:37	28°♊16'58	27°23'56	
	-3046 Jun 20 j 15:55	0°♋		
retrograde	-3046 Jul 02 j 13:16	5°♋39'00		
evening set	-3046 Jul 09 j 17:05	3°♋06'34		
	-3046 Jul 13 j 09:43	30°℞♊		
min. Earth dist.	-3046 Jul 13 j 07:09	0°♋06'04	0.62881 AU	
inferior conj	-3046 Jul 16 j 03:07	27°♊19'39	-3°-59'-8	
minimum elong	-3046 Jul 16 j 06:41	27°♊10'52	3°58'26	
morning rise	-3046 Jul 22 j 22:31	22°♊08'40		
direct	-3046 Jul 25 j 11:37	21°♊38'23		
asc. node	-3046 Jul 31 j 06:49	24°♊16'01		
morning max el	-3046 Aug 01 j 02:51	25°♊02'46	17°55'30	
	-3046 Aug 05 j 05:05	0°♋		
morning set	-3046 Aug 17 j 13:42	20°♋38'27		
	-3046 Aug 22 j 21:17	0°♌		
superior conj	-3046 Aug 29 j 05:17	10°♌51'01	1°16'33	
minimum elong	-3046 Aug 29 j 10:47	11°♌14'11	1°16'04	
max. Earth dist.	-3046 Sep 04 j 21:48	21°♌53'10	1.43355 AU	
	-3046 Sep 09 j 23:39	0°♍		
desc. node	-3046 Sep 11 j 01:45	1°♍42'40		
evening rise	-3046 Sep 13 j 14:06	5°♍38'20		
	-3046 Sep 29 j 19:30	0°♎		
greatest brilliancy	-3046 Oct 08 j 02:21	11°♎23'27	-0.5m	
evening max el	-3046 Oct 13 j 11:06	17°♎39'28	21°08'58	
retrograde	-3046 Oct 21 j 23:48	22°♎42'43		
evening set	-3046 Oct 25 j 23:43	21°♎12'35		
asc. node	-3046 Oct 27 j 05:50	20°♎06'56		
inferior conj	-3046 Oct 31 j 09:50	14°♎58'50	1°23'50	
minimum elong	-3046 Oct 31 j 08:00	15°♎05'08	1°23'04	
min. Earth dist.	-3046 Oct 31 j 19:29	14°♎25'44	0.67209 AU	
morning rise	-3046 Nov 05 j 15:55	8°♎42'06		
direct	-3046 Nov 10 j 19:50	6°♎30'06		
morning max el	-3046 Nov 21 j 11:51	12°♎51'49	23°45'49	
	-3046 Dec 05 j 06:57	0°♏		
desc. node	-3046 Dec 08 j 01:19	3°♏55'34		
	-3046 Dec 24 j 19:48	0°♐		
morning set	-3046 Dec 26 j 19:52	3°♐22'38		
max. Earth dist.	-3046 Dec 30 j 21:28	10°♐25'37	1.38791 AU	
superior conj	-3045 Jan 07 j 06:19	23°♐52'53	-1°-53'-4	
minimum elong	-3045 Jan 07 j 08:17	24°♐02'08	1°53'05	
	-3045 Jan 10 j 11:21	0°♑		
evening rise	-3045 Jan 16 j 08:13	11°♑25'16		
asc. node	-3045 Jan 23 j 05:00	24°♑21'12		
	-3045 Jan 26 j 14:17	0°♒		
evening max el	-3045 Feb 01 j 17:56	7°♒50'44	18°46'39	
retrograde	-3045 Feb 09 j 20:02	11°♒45'18		
evening set	-3045 Feb 12 j 05:43	11°♒25'56		
inferior conj	-3045 Feb 20 j 00:09	7°♒03'45	3°19'02	
minimum elong	-3045 Feb 20 j 04:22	6°♒55'54	3°18'08	
min. Earth dist.	-3045 Feb 23 j 07:18	4°♒38'21	0.57762 AU	
morning rise	-3045 Feb 27 j 23:14	1°♒52'38		
direct	-3045 Mar 05 j 14:38	0°♒35'03		
desc. node	-3045 Mar 06 j 00:26	0°♒35'27		
morning max el	-3045 Mar 19 j 21:16	8°♒02'07	26°04'10	
	-3045 Apr 05 j 07:06	0°♓		
morning set	-3045 Apr 17 j 03:19	22°♓28'30		
	-3045 Apr 20 j 15:53	0°♈		
asc. node	-3045 Apr 21 j 04:28	1°♈08'22		
superior conj	-3045 Apr 24 j 04:27	7°♈41'24	0°31'00	
minimum elong	-3045 Apr 24 j 03:07	7°♈34'07	0°30'44	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3045 Apr 24 j 17:09	8°♈50'50	1.32670 AU
evening rise	-3045 May 01 j 06:48	22°♈54'59	
	-3045 May 04 j 18:51	0°♉	
	-3045 May 22 j 20:07	0°♊	
evening max el	-3045 May 31 j 23:39	10°♊35'58	26°57'34
desc. node	-3045 Jun 01 j 23:23	11°♊31'10	
retrograde	-3045 Jun 14 j 22:58	17°♊55'39	
evening set	-3045 Jun 21 j 19:35	15°♊49'46	
min. Earth dist.	-3045 Jun 25 j 13:11	13°♊07'29	0.60949 AU
inferior conj	-3045 Jun 28 j 19:34	10°♊18'59	-4°-21'-49
minimum elong	-3045 Jun 28 j 21:19	10°♊15'12	4°21'37
morning rise	-3045 Jul 06 j 02:02	5°♊29'39	
direct	-3045 Jul 08 j 13:46	5°♊04'46	
morning max el	-3045 Jul 15 j 15:52	8°♊34'05	18°04'28
asc. node	-3045 Jul 18 j 03:53	11°♊20'30	
	-3045 Jul 29 j 14:04	0°♋	
morning set	-3045 Jul 31 j 14:36	3°♋44'23	
superior conj	-3045 Aug 10 j 17:40	22°♋13'01	1°38'46
minimum elong	-3045 Aug 10 j 21:13	22°♋28'41	1°38'37
	-3045 Aug 15 j 04:57	0°♌	
max. Earth dist.	-3045 Aug 18 j 07:15	5°♌14'10	1.41741 AU
evening rise	-3045 Aug 24 j 04:37	14°♌52'23	
desc. node	-3045 Aug 28 j 22:44	22°♌22'13	
	-3045 Sep 02 j 22:35	0°♍	
greatest brilliancy	-3045 Sep 21 j 11:02	25°♍45'30	-0.3m
	-3045 Sep 25 j 03:42	0°♎	
evening max el	-3045 Sep 26 j 04:49	1°♎05'20	22°25'08
retrograde	-3045 Oct 05 j 18:59	6°♎47'16	
evening set	-3045 Oct 10 j 07:37	4°♎58'28	
asc. node	-3045 Oct 14 j 02:56	0°♎46'25	
	-3045 Oct 14 j 16:45	30°℞♍	
inferior conj	-3045 Oct 15 j 16:21	28°♍38'53	0°32'03
minimum elong	-3045 Oct 15 j 15:36	28°♍41'27	0°31'44
min. Earth dist.	-3045 Oct 15 j 15:28	28°♍41'53	0.67464 AU
morning rise	-3045 Oct 20 j 23:29	22°♍23'29	
direct	-3045 Oct 25 j 12:18	20°♍33'33	
morning max el	-3045 Nov 03 j 23:36	26°♍11'00	22°19'29
	-3045 Nov 07 j 10:43	0°♎	
greatest brilliancy	-3045 Nov 08 j 16:13	1°♎28'34	-0.3m
desc. node	-3045 Nov 24 j 22:20	24°♎01'20	
	-3045 Nov 28 j 21:05	0°♏	
morning set	-3045 Dec 07 j 03:58	13°♏02'56	
max. Earth dist.	-3045 Dec 12 j 19:15	22°♏21'26	1.40860 AU
	-3045 Dec 17 j 06:15	0°♐	
superior conj	-3045 Dec 20 j 13:31	5°♐49'51	-1°-56'-17
minimum elong	-3045 Dec 20 j 12:42	5°♐46'12	1°56'24
evening rise	-3045 Dec 30 j 18:28	24°♐38'07	
	-3044 Jan 02 j 15:28	0°♑	
asc. node	-3044 Jan 10 j 02:02	12°♑56'46	
evening max el	-3044 Jan 16 j 00:16	20°♑36'18	18°17'23
retrograde	-3044 Jan 23 j 03:55	24°♑10'20	
evening set	-3044 Jan 25 j 16:41	23°♑44'30	
inferior conj	-3044 Feb 01 j 19:38	19°♑00'58	3°53'41
minimum elong	-3044 Feb 01 j 21:22	18°♑57'14	3°53'27
min. Earth dist.	-3044 Feb 05 j 04:03	16°♑08'53	0.59731 AU
morning rise	-3044 Feb 08 j 22:53	13°♑27'06	
direct	-3044 Feb 15 j 12:05	11°♑30'44	
desc. node	-3044 Feb 20 j 21:31	12°♑44'30	
morning max el	-3044 Feb 29 j 17:56	19°♑10'19	27°09'47
	-3044 Mar 09 j 22:39	0°♒	
	-3044 Mar 27 j 21:37	0°♓	
morning set	-3044 Mar 31 j 12:48	7°♓21'27	
asc. node	-3044 Apr 07 j 01:28	21°♓21'32	
superior conj	-3044 Apr 07 j 16:12	22°♓42'12	0°06'28
minimum elong	-3044 Apr 07 j 15:55	22°♓40'36	0°06'22
behind sun begin	-3044 Apr 07 j 11:18	22°♓15'22	
behind sun end	-3044 Apr 07 j 20:31	23°♓05'51	
max. Earth dist.	-3044 Apr 07 j 06:33	21°♓49'20	1.32515 AU
	-3044 Apr 11 j 00:20	0°♈	
evening rise	-3044 Apr 14 j 16:05	7°♈49'21	
	-3044 Apr 26 j 07:47	0°♉	
evening max el	-3044 May 12 j 22:13	22°♉11'33	25°59'33
desc. node	-3044 May 18 j 20:26	26°♉52'15	
retrograde	-3044 May 27 j 00:10	29°♉27'17	
evening set	-3044 Jun 02 j 01:07	27°♉58'20	
min. Earth dist.	-3044 Jun 06 j 10:47	25°♉16'47	0.58900 AU
inferior conj	-3044 Jun 09 j 19:10	22°♉46'51	-4°-21'-53
minimum elong	-3044 Jun 09 j 17:34	22°♉49'53	4°21'44
morning rise	-3044 Jun 17 j 13:50	18°♉20'03	
direct	-3044 Jun 20 j 01:22	17°♉59'25	
morning max el	-3044 Jun 27 j 23:57	21°♉45'36	18°33'11
asc. node	-3044 Jul 04 j 00:55	29°♉20'07	
	-3044 Jul 04 j 11:15	0°♊	
morning set	-3044 Jul 14 j 04:23	17°♊29'09	
	-3044 Jul 20 j 16:32	0°♋	
superior conj	-3044 Jul 23 j 04:53	4°♋43'58	1°48'06
minimum elong	-3044 Jul 23 j 05:51	4°♋48'26	1°48'10
max. Earth dist.	-3044 Jul 30 j 10:53	17°♋49'42	1.39826 AU
evening rise	-3044 Aug 03 j 18:30	25°♋13'19	
	-3044 Aug 06 j 15:44	0°♌	
desc. node	-3044 Aug 14 j 19:43	12°♌53'15	
	-3044 Aug 26 j 16:35	0°♍	
evening max el	-3044 Sep 07 j 17:53	14°♍32'44	23°45'40
retrograde	-3044 Sep 18 j 11:08	20°♍52'18	
evening set	-3044 Sep 23 j 14:00	18°♍44'13	
inferior conj	-3044 Sep 28 j 22:52	12°♍22'30	0°-21'-35
minimum elong	-3044 Sep 28 j 23:23	12°♍20'46	0°21'20
min. Earth dist.	-3044 Sep 28 j 11:47	13°♍00'20	0.67414 AU
asc. node	-3044 Sep 30 j 00:01	10°♍57'27	
morning rise	-3044 Oct 04 j 08:55	6°♍11'15	
direct	-3044 Oct 08 j 08:06	4°♍42'28	
morning max el	-3044 Oct 16 j 17:13	9°♍37'41	20°59'25
greatest brilliancy	-3044 Oct 22 j 09:40	16°♍17'40	-0.5m
	-3044 Nov 01 j 05:20	0°♎	
desc. node	-3044 Nov 10 j 19:19	14°♎23'19	
morning set	-3044 Nov 15 j 10:13	21°♎32'21	
	-3044 Nov 20 j 18:39	0°♏	
max. Earth dist.	-3044 Nov 23 j 23:26	5°♏09'51	1.42708 AU
superior conj	-3044 Nov 30 j 21:04	16°♏37'09	-1°-46'-1
minimum elong	-3044 Nov 30 j 16:17	16°♏16'54	1°45'48
	-3044 Dec 08 j 14:29	0°♐	
evening rise	-3044 Dec 12 j 14:39	7°♐07'57	
	-3044 Dec 26 j 07:55	0°♑	
asc. node	-3044 Dec 26 j 23:05	0°♑49'32	
evening max el	-3044 Dec 29 j 11:08	3°♑40'58	18°07'55
retrograde	-3043 Jan 05 j 02:50	7°♑08'16	
evening set	-3043 Jan 07 j 18:44	6°♑34'54	
inferior conj	-3043 Jan 14 j 09:08	1°♑29'49	3°59'29
minimum elong	-3043 Jan 14 j 08:22	1°♑31'42	3°59'22
	-3043 Jan 15 j 21:18	30°℞♐	
min. Earth dist.	-3043 Jan 17 j 08:19	28°♐35'00	0.61744 AU
morning rise	-3043 Jan 20 j 19:41	25°♐40'33	
direct	-3043 Jan 27 j 19:43	23°♐11'40	
desc. node	-3043 Feb 06 j 18:36	27°♐21'31	
	-3043 Feb 09 j 20:45	0°♑	
morning max el	-3043 Feb 10 j 20:42	0°♑57'26	27°41'27
	-3043 Mar 04 j 00:48	0°♒	
morning set	-3043 Mar 15 j 18:00	21°♒58'33	
	-3043 Mar 19 j 14:12	0°♓	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3043 Mar 21 j 17:47	4°♓36'56	1.32709 AU
superior conj	-3043 Mar 23 j 02:52	7°♓36'17	0°-18'-58
minimum elong	-3043 Mar 23 j 03:44	7°♓40'59	0°18'51
asc. node	-3043 Mar 24 j 22:28	11°♓33'41	
evening rise	-3043 Mar 30 j 03:23	22°♓46'16	
	-3043 Apr 02 j 15:43	0°♈	
	-3043 Apr 21 j 14:31	0°♉	
evening max el	-3043 Apr 24 j 15:16	3°♉09'35	24°37'19
desc. node	-3043 May 05 j 17:30	9°♉54'10	
retrograde	-3043 May 08 j 14:36	10°♉13'20	
evening set	-3043 May 13 j 08:59	9°♉21'53	
min. Earth dist.	-3043 May 19 j 03:14	6°♉24'52	0.57022 AU
inferior conj	-3043 May 21 j 23:04	4°♉34'47	-3°-48'-35
minimum elong	-3043 May 21 j 17:50	4°♉43'20	3°47'36
morning rise	-3043 May 30 j 06:47	0°♉27'21	
direct	-3043 Jun 01 j 18:40	0°♉09'56	
morning max el	-3043 Jun 11 j 00:11	4°♉27'28	19°22'22
asc. node	-3043 Jun 20 j 21:56	18°♉01'52	
	-3043 Jun 27 j 06:34	0°♊	
morning set	-3043 Jun 28 j 03:22	1°♊43'14	
superior conj	-3043 Jul 06 j 09:07	18°♊07'18	1°47'15
minimum elong	-3043 Jul 06 j 08:04	18°♊02'10	1°47'18
max. Earth dist.	-3043 Jul 12 j 12:44	29°♊48'26	1.37873 AU
	-3043 Jul 12 j 15:15	0°♋	
evening rise	-3043 Jul 16 j 10:06	6°♋49'37	
	-3043 Jul 30 j 13:43	0°♌	
desc. node	-3043 Aug 01 j 16:42	3°♌10'53	
evening max el	-3043 Aug 21 j 04:58	28°♌04'06	25°03'45
	-3043 Aug 23 j 06:32	0°♍	
retrograde	-3043 Sep 01 j 23:14	4°♍54'09	
evening set	-3043 Sep 07 j 17:08	2°♍28'02	
	-3043 Sep 10 j 02:51	30°℞♌	
min. Earth dist.	-3043 Sep 12 j 05:59	27°♌19'41	0.67053 AU
inferior conj	-3043 Sep 13 j 03:44	26°♌08'03	-1°-15'-27
minimum elong	-3043 Sep 13 j 05:32	26°♌02'08	1°14'40
asc. node	-3043 Sep 16 j 21:06	21°♌39'23	
morning rise	-3043 Sep 18 j 18:22	20°♌04'06	
direct	-3043 Sep 22 j 05:59	18°♌53'48	
morning max el	-3043 Sep 29 j 18:09	23°♌13'37	19°50'56
	-3043 Oct 05 j 09:19	0°♍	
greatest brilliancy	-3043 Oct 07 j 14:04	3°♍01'18	-0.6m
morning set	-3043 Oct 25 j 08:13	29°♍45'44	
	-3043 Oct 25 j 11:54	0°♎	
desc. node	-3043 Oct 28 j 16:18	4°♎56'54	
max. Earth dist.	-3043 Nov 06 j 10:57	18°♎45'47	1.44080 AU
superior conj	-3043 Nov 11 j 01:24	26°♎08'45	-1°-18'-57
minimum elong	-3043 Nov 10 j 18:04	25°♎39'09	1°18'14
	-3043 Nov 13 j 10:19	0°♏	
evening rise	-3043 Nov 24 j 16:24	18°♏46'54	
	-3043 Dec 01 j 07:02	0°♐	
evening max el	-3043 Dec 12 j 23:46	16°♐58'24	18°17'30
asc. node	-3043 Dec 13 j 20:08	17°♐47'29	
retrograde	-3043 Dec 19 j 12:35	20°♐30'42	
evening set	-3043 Dec 22 j 08:22	19°♐48'32	
inferior conj	-3043 Dec 28 j 12:55	14°♐23'13	3°44'48
minimum elong	-3043 Dec 28 j 10:33	14°♐29'47	3°44'22
min. Earth dist.	-3043 Dec 30 j 21:56	11°♐45'58	0.63564 AU
morning rise	-3042 Jan 03 j 11:08	8°♐23'15	
direct	-3042 Jan 10 j 11:22	5°♐36'05	
morning max el	-3042 Jan 24 j 04:03	13°♐21'43	27°36'39
desc. node	-3042 Jan 24 j 15:40	13°♐50'47	
	-3042 Feb 06 j 14:55	0°♑	
	-3042 Feb 24 j 12:21	0°♒	
morning set	-3042 Feb 27 j 16:31	6°♒11'28	
max. Earth dist.	-3042 Mar 04 j 23:00	17°♒00'24	1.33291 AU
superior conj	-3042 Mar 07 j 10:43	22°♒17'43	0°-44'-20
minimum elong	-3042 Mar 07 j 12:42	22°♒28'22	0°44'01
	-3042 Mar 11 j 00:43	0°♓	
asc. node	-3042 Mar 11 j 19:28	1°♓40'45	
evening rise	-3042 Mar 14 j 14:56	7°♓39'24	
	-3042 Mar 26 j 12:25	0°♈	
evening max el	-3042 Apr 06 j 07:13	13°♈50'41	23°03'31
retrograde	-3042 Apr 19 j 15:54	20°♈26'18	
desc. node	-3042 Apr 22 j 14:35	20°♈07'15	
evening set	-3042 Apr 23 j 02:23	20°♈00'29	
min. Earth dist.	-3042 Apr 30 j 17:26	16°♈36'28	0.55666 AU
inferior conj	-3042 May 02 j 07:41	15°♈40'48	-2°-33'-57
minimum elong	-3042 May 02 j 01:41	15°♈49'33	2°32'13
morning rise	-3042 May 11 j 03:52	11°♈44'04	
direct	-3042 May 13 j 18:01	11°♈27'58	
morning max el	-3042 May 24 j 14:11	16°♈30'41	20°31'50
	-3042 Jun 03 j 18:15	0°♉	
asc. node	-3042 Jun 07 j 18:57	7°♉15'35	
morning set	-3042 Jun 12 j 08:43	16°♉19'09	
	-3042 Jun 19 j 00:14	0°♊	
superior conj	-3042 Jun 20 j 01:33	2°♊09'04	1°38'42
minimum elong	-3042 Jun 19 j 23:19	1°♊57'45	1°38'37
max. Earth dist.	-3042 Jun 24 j 19:22	11°♊35'47	1.36112 AU
evening rise	-3042 Jun 28 j 23:24	19°♊31'02	
	-3042 Jul 04 j 20:03	0°♋	
desc. node	-3042 Jul 19 j 13:42	23°♋08'25	
	-3042 Jul 24 j 14:36	0°♌	
evening max el	-3042 Aug 03 j 16:06	11°♌37'03	26°11'22
retrograde	-3042 Aug 16 j 06:30	18°♌46'54	
evening set	-3042 Aug 22 j 14:58	16°♌06'48	
min. Earth dist.	-3042 Aug 26 j 19:34	11°♌36'24	0.66361 AU
inferior conj	-3042 Aug 28 j 05:03	9°♌52'06	-2°-7'-53
minimum elong	-3042 Aug 28 j 08:01	9°♌42'51	2°06'43
morning rise	-3042 Sep 03 j 01:53	3°♌58'52	
asc. node	-3042 Sep 03 j 18:11	3°♌37'25	
direct	-3042 Sep 06 j 04:14	3°♌03'49	
morning max el	-3042 Sep 13 j 01:50	6°♌56'45	18°57'01
	-3042 Sep 29 j 07:30	0°♍	
morning set	-3042 Oct 04 j 21:22	8°♍48'40	
desc. node	-3042 Oct 15 j 13:16	25°♍37'27	
	-3042 Oct 18 j 07:59	0°♎	
max. Earth dist.	-3042 Oct 20 j 03:46	2°♎52'26	1.44800 AU
superior conj	-3042 Oct 21 j 06:49	4°♎39'03	0°-36'-5
minimum elong	-3042 Oct 21 j 02:11	4°♎20'48	0°35'31
evening rise	-3042 Nov 05 j 19:18	29°♎26'10	
	-3042 Nov 06 j 03:39	0°♏	
	-3042 Nov 26 j 02:55	0°♐	
evening max el	-3042 Nov 26 j 11:28	0°♐22'24	18°45'14
asc. node	-3042 Nov 30 j 17:13	3°♐35'37	
retrograde	-3042 Dec 03 j 05:15	4°♐09'54	
evening set	-3042 Dec 06 j 06:19	3°♐17'14	
	-3042 Dec 10 j 01:26	30°℞♏	
inferior conj	-3042 Dec 12 j 03:18	27°♏34'04	3°16'01
minimum elong	-3042 Dec 12 j 00:16	27°♏43'16	3°15'13
min. Earth dist.	-3042 Dec 13 j 21:20	25°♏26'57	0.65049 AU
morning rise	-3042 Dec 17 j 17:09	21°♏26'14	
direct	-3042 Dec 24 j 09:32	18°♏36'03	
morning max el	-3041 Jan 06 j 13:31	26°♏13'32	26°58'54
	-3041 Jan 10 j 02:15	0°♐	
desc. node	-3041 Jan 11 j 12:44	1°♐40'08	
	-3041 Jan 31 j 04:03	0°♑	
morning set	-3041 Feb 11 j 05:12	19°♑50'14	
max. Earth dist.	-3041 Feb 15 j 18:44	28°♑51'16	1.34300 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3041 Feb 16 j 08:16	0°♒	
superior conj	-3041 Feb 19 j 13:46	6°♒39'59	-1°-8'-30
minimum elong	-3041 Feb 19 j 16:40	6°♒55'08	1°08'06
asc. node	-3041 Feb 26 j 16:31	21°♒38'33	
evening rise	-3041 Feb 27 j 01:01	22°♒22'48	
	-3041 Mar 02 j 19:06	0°♓	
evening max el	-3041 Mar 19 j 04:17	24°♓42'02	21°32'05
	-3041 Mar 27 j 13:52	0°♈	
retrograde	-3041 Mar 31 j 06:57	0°♈32'47	
evening set	-3041 Apr 02 j 20:18	0°♈18'00	
	-3041 Apr 04 j 03:07	30°℞♓	
desc. node	-3041 Apr 09 j 11:40	27°♓45'27	
inferior conj	-3041 Apr 12 j 03:59	26°♓17'02	0°-44'-53
minimum elong	-3041 Apr 12 j 01:52	26°♓19'59	0°44'09
min. Earth dist.	-3041 Apr 12 j 07:02	26°♓12'44	0.55120 AU
morning rise	-3041 Apr 21 j 07:47	22°♓15'45	
direct	-3041 Apr 24 j 06:26	21°♓56'45	
morning max el	-3041 May 06 j 17:20	27°♓52'09	21°59'11
	-3041 May 08 j 19:59	0°♈	
asc. node	-3041 May 25 j 16:00	26°♈53'16	
	-3041 May 27 j 04:36	0°♉	
morning set	-3041 May 27 j 18:15	1°♉10'38	
superior conj	-3041 Jun 04 j 02:33	16°♉38'47	1°24'27
minimum elong	-3041 Jun 03 j 23:54	16°♉24'57	1°24'12
max. Earth dist.	-3041 Jun 07 j 11:12	23°♉36'29	1.34672 AU
	-3041 Jun 10 j 15:37	0°♊	
evening rise	-3041 Jun 12 j 05:11	3°♊03'22	
	-3041 Jun 27 j 16:46	0°♋	
desc. node	-3041 Jul 06 j 10:44	12°♋37'26	
evening max el	-3041 Jul 17 j 03:41	25°♋04'49	27°00'27
	-3041 Jul 23 j 05:46	0°♌	
retrograde	-3041 Jul 30 j 08:35	2°♌24'43	
	-3041 Aug 05 j 17:59	30°℞♋	
evening set	-3041 Aug 06 j 05:08	29°♋38'00	
min. Earth dist.	-3041 Aug 10 j 02:10	25°♋46'12	0.65309 AU
inferior conj	-3041 Aug 12 j 00:47	23°♋31'50	-2°-56'-44
minimum elong	-3041 Aug 12 j 04:36	23°♋20'51	2°55'29
morning rise	-3041 Aug 18 j 05:21	17°♋52'41	
direct	-3041 Aug 21 j 00:44	17°♋09'34	
asc. node	-3041 Aug 21 j 15:16	17°♋11'35	
morning max el	-3041 Aug 27 j 14:27	20°♋44'34	18°19'20
	-3041 Sep 03 j 16:25	0°♌	
morning set	-3041 Sep 15 j 13:32	19°♌11'26	
	-3041 Sep 22 j 04:24	0°♍	
superior conj	-3041 Sep 30 j 07:26	13°♍00'54	0°13'33
minimum elong	-3041 Sep 30 j 09:09	13°♍07'43	0°13'21
behind sun begin	-3041 Sep 30 j 02:43	12°♍42'11	
behind sun end	-3041 Sep 30 j 15:36	13°♍33'14	
desc. node	-3041 Oct 02 j 10:15	16°♍21'57	
max. Earth dist.	-3041 Oct 02 j 22:25	17°♍09'59	1.44788 AU
	-3041 Oct 11 j 02:34	0°♎	
evening rise	-3041 Oct 16 j 21:43	9°♎04'00	
	-3041 Oct 30 j 10:38	0°♏	
greatest brilliancy	-3041 Oct 31 j 22:33	2°♏13'22	-0.7m
evening max el	-3041 Nov 09 j 19:50	13°♏48'56	19°29'47
retrograde	-3041 Nov 17 j 01:37	18°♏00'35	
asc. node	-3041 Nov 17 j 14:19	17°♏58'58	
evening set	-3041 Nov 20 j 09:49	16°♏55'20	
inferior conj	-3041 Nov 26 j 01:13	10°♏57'26	2°37'28
minimum elong	-3041 Nov 25 j 22:16	11°♏07'01	2°36'28
min. Earth dist.	-3041 Nov 27 j 05:27	9°♏26'04	0.66160 AU
morning rise	-3041 Dec 01 j 09:59	4°♏44'01	
direct	-3041 Dec 07 j 13:37	2°♏03'01	
morning max el	-3041 Dec 19 j 23:01	9°♏21'23	25°55'22
desc. node	-3041 Dec 29 j 09:48	20°♏26'02	
	-3040 Jan 05 j 07:19	0°♐	
	-3040 Jan 23 j 16:20	0°♑	
morning set	-3040 Jan 25 j 03:46	2°♑41'55	
max. Earth dist.	-3040 Jan 29 j 02:54	10°♑10'07	1.35757 AU
superior conj	-3040 Feb 03 j 09:30	20°♑35'17	-1°-29'-57
minimum elong	-3040 Feb 03 j 12:48	20°♑52'01	1°29'38
	-3040 Feb 07 j 23:54	0°♒	
evening rise	-3040 Feb 11 j 07:40	6°♒49'48	
asc. node	-3040 Feb 13 j 13:34	11°♒21'51	
	-3040 Feb 24 j 07:08	0°♓	
evening max el	-3040 Feb 29 j 11:02	6°♓03'39	20°13'18
retrograde	-3040 Mar 10 j 22:04	11°♓02'31	
evening set	-3040 Mar 13 j 04:17	10°♓49'34	
inferior conj	-3040 Mar 22 j 01:23	6°♓50'31	1°11'02
minimum elong	-3040 Mar 22 j 04:24	6°♓45'59	1°09'58
min. Earth dist.	-3040 Mar 23 j 21:05	5°♓45'24	0.55517 AU
desc. node	-3040 Mar 26 j 08:47	4°♓21'46	
morning rise	-3040 Mar 31 j 02:02	2°♓26'26	
direct	-3040 Apr 03 j 20:24	1°♓55'27	
morning max el	-3040 Apr 17 j 11:50	8°♓39'06	23°37'32
	-3040 May 02 j 23:21	0°♈	
morning set	-3040 May 11 j 05:57	16°♈10'12	
asc. node	-3040 May 11 j 13:02	16°♈47'21	
	-3040 May 17 j 17:08	0°♉	
superior conj	-3040 May 18 j 09:10	1°♉26'08	1°06'00
minimum elong	-3040 May 18 j 06:43	1°♉12'58	1°05'38
max. Earth dist.	-3040 May 20 j 12:28	5°♉59'45	1.33604 AU
evening rise	-3040 May 25 j 22:44	17°♉11'49	
	-3040 Jun 01 j 15:48	0°♊	
	-3040 Jun 21 j 04:09	0°♋	
desc. node	-3040 Jun 22 j 07:47	1°♋24'48	
evening max el	-3040 Jun 28 j 14:22	8°♋14'58	27°24'02
retrograde	-3040 Jul 12 j 05:07	15°♋38'12	
evening set	-3040 Jul 19 j 08:33	12°♋56'16	
min. Earth dist.	-3040 Jul 22 j 23:52	9°♋39'37	0.63869 AU
inferior conj	-3040 Jul 25 j 12:23	7°♋01'26	-3°-39'-13
minimum elong	-3040 Jul 25 j 16:21	6°♋51'02	3°38'14
morning rise	-3040 Aug 01 j 02:02	1°♋39'35	
direct	-3040 Aug 03 j 16:45	1°♋05'28	
asc. node	-3040 Aug 07 j 12:21	2°♋18'17	
morning max el	-3040 Aug 10 j 05:26	4°♋31'13	17°59'01
	-3040 Aug 26 j 20:32	0°♌	
morning set	-3040 Aug 27 j 07:57	0°♌49'16	
superior conj	-3040 Sep 09 j 01:11	22°♌16'09	0°57'14
minimum elong	-3040 Sep 09 j 06:37	22°♌38'22	0°56'39
	-3040 Sep 13 j 19:42	0°♍	
max. Earth dist.	-3040 Sep 14 j 15:05	1°♍17'32	1.44056 AU
desc. node	-3040 Sep 18 j 07:14	7°♍07'16	
evening rise	-3040 Sep 25 j 05:46	17°♍56'26	
	-3040 Oct 03 j 03:09	0°♎	
greatest brilliancy	-3040 Oct 16 j 16:38	19°♎41'26	-0.5m
evening max el	-3040 Oct 22 j 23:00	27°♎15'43	20°29'12
	-3040 Oct 26 j 00:22	0°♏	
retrograde	-3040 Oct 30 j 23:05	1°♏58'58	
asc. node	-3040 Nov 03 j 11:24	0°♏47'43	
evening set	-3040 Nov 03 j 16:32	0°♏38'44	
	-3040 Nov 04 j 11:59	30°℞♎	
inferior conj	-3040 Nov 09 j 04:07	24°♎29'38	1°52'09
minimum elong	-3040 Nov 09 j 01:45	24°♎37'36	1°51'14
min. Earth dist.	-3040 Nov 09 j 20:11	23°♎35'18	0.66917 AU
morning rise	-3040 Nov 14 j 10:29	18°♎13'09	
direct	-3040 Nov 19 j 23:11	15°♎49'12	
morning max el	-3040 Dec 01 j 07:44	22°♎35'24	24°35'22

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3040 Dec 07 j 20:20	0°♏	
desc. node	-3040 Dec 15 j 06:50	9°♏51'52	
	-3040 Dec 28 j 15:20	0°♐	
morning set	-3039 Jan 06 j 06:37	14°♐30'56	
max. Earth dist.	-3039 Jan 10 j 01:13	21°♐15'41	1.37606 AU
	-3039 Jan 14 j 17:47	0°♑	
superior conj	-3039 Jan 16 j 18:37	3°♑54'30	-1°-46'-39
minimum elong	-3039 Jan 16 j 21:27	4°♑08'14	1°46'34
evening rise	-3039 Jan 25 j 08:39	20°♑53'55	
asc. node	-3039 Jan 30 j 10:37	0°♒45'01	
	-3039 Jan 30 j 01:00	0°♒	
evening max el	-3039 Feb 11 j 04:31	18°♒02'33	19°12'36
retrograde	-3039 Feb 20 j 01:00	22°♒16'17	
evening set	-3039 Feb 22 j 08:36	22°♒00'11	
inferior conj	-3039 Mar 02 j 12:58	17°♒49'11	2°42'50
minimum elong	-3039 Mar 02 j 17:50	17°♒40'54	2°41'32
min. Earth dist.	-3039 Mar 05 j 12:26	15°♒48'38	0.56765 AU
morning rise	-3039 Mar 10 j 23:11	12°♒54'02	
desc. node	-3039 Mar 13 j 05:54	12°♒13'45	
direct	-3039 Mar 15 j 22:10	11°♒56'50	
morning max el	-3039 Mar 30 j 02:48	19°♒13'27	25°14'38
	-3039 Apr 08 j 04:17	0°♓	
	-3039 Apr 25 j 04:22	0°♈	
morning set	-3039 Apr 25 j 18:06	1°♈11'53	
asc. node	-3039 Apr 28 j 10:04	6°♈52'33	
superior conj	-3039 May 02 j 19:12	16°♈23'48	0°44'27
minimum elong	-3039 May 02 j 17:22	16°♈13'49	0°44'06
max. Earth dist.	-3039 May 03 j 21:03	18°♈44'15	1.32908 AU
	-3039 May 09 j 04:04	0°♉	
evening rise	-3039 May 10 j 00:29	1°♉45'16	
	-3039 May 25 j 14:18	0°♊	
desc. node	-3039 Jun 09 j 04:50	19°♊12'53	
evening max el	-3039 Jun 10 j 22:08	20°♊55'39	27°16'45
retrograde	-3039 Jun 24 j 19:23	28°♊17'46	
evening set	-3039 Jul 01 j 21:24	25°♊54'51	
min. Earth dist.	-3039 Jul 05 j 11:42	23°♊03'59	0.62081 AU
inferior conj	-3039 Jul 08 j 12:48	20°♊14'09	-4°-10'-58
minimum elong	-3039 Jul 08 j 15:47	20°♊07'09	4°10'30
morning rise	-3039 Jul 15 j 12:47	15°♊12'17	
direct	-3039 Jul 18 j 00:58	14°♊44'39	
morning max el	-3039 Jul 24 j 19:58	18°♊10'09	17°56'58
asc. node	-3039 Jul 25 j 09:25	18°♊44'10	
	-3039 Aug 02 j 08:40	0°♋	
morning set	-3039 Aug 09 j 23:19	13°♋27'08	
	-3039 Aug 19 j 06:17	0°♌	
superior conj	-3039 Aug 20 j 22:06	2°♌52'00	1°27'42
minimum elong	-3039 Aug 21 j 02:59	3°♌12'58	1°27'20
max. Earth dist.	-3039 Aug 28 j 03:09	14°♌57'57	1.42715 AU
evening rise	-3039 Sep 04 j 12:14	26°♌47'27	
desc. node	-3039 Sep 05 j 04:12	27°♌49'59	
	-3039 Sep 06 j 13:35	0°♍	
	-3039 Sep 27 j 00:29	0°♎	
greatest brilliancy	-3039 Sep 30 j 21:42	5°♎03'02	-0.4m
evening max el	-3039 Oct 05 j 20:07	10°♎41'59	21°40'30
retrograde	-3039 Oct 14 j 19:30	16°♎01'51	
evening set	-3039 Oct 19 j 00:28	14°♎24'12	
asc. node	-3039 Oct 21 j 08:30	12°♎06'39	
inferior conj	-3039 Oct 24 j 09:50	8°♎07'33	1°02'12
minimum elong	-3039 Oct 24 j 08:26	8°♎12'23	1°01'37
min. Earth dist.	-3039 Oct 24 j 15:00	7°♎49'43	0.67352 AU
morning rise	-3039 Oct 29 j 16:05	1°♎50'46	
	-3039 Nov 01 j 23:49	30°℞♍	
direct	-3039 Nov 03 j 13:29	29°♍47'56	
	-3039 Nov 05 j 04:39	0°♎	
morning max el	-3039 Nov 13 j 17:15	5°♎51'29	23°08'40
greatest brilliancy	-3039 Nov 18 j 18:41	11°♎32'57	-0.3m
desc. node	-3039 Dec 02 j 03:49	29°♎45'28	
	-3039 Dec 02 j 07:47	0°♏	
morning set	-3039 Dec 18 j 07:23	25°♏00'04	
	-3039 Dec 21 j 06:36	0°♐	
max. Earth dist.	-3039 Dec 22 j 20:29	2°♐42'37	1.39679 AU
superior conj	-3039 Dec 30 j 12:45	16°♐25'21	-1°-55'-50
minimum elong	-3039 Dec 30 j 13:45	16°♐29'53	1°55'56
	-3038 Jan 06 j 17:29	0°♑	
evening rise	-3038 Jan 09 j 01:08	4°♑27'09	
asc. node	-3038 Jan 17 j 07:39	19°♑40'17	
	-3038 Jan 24 j 17:34	0°♒	
evening max el	-3038 Jan 25 j 06:59	0°♒33'31	18°31'47
retrograde	-3038 Feb 01 j 22:02	4°♒17'05	
evening set	-3038 Feb 04 j 09:07	3°♒55'06	
	-3038 Feb 11 j 02:31	30°℞♑	
inferior conj	-3038 Feb 11 j 20:41	29°♑24'23	3°37'45
minimum elong	-3038 Feb 11 j 23:57	29°♑17'54	3°37'12
min. Earth dist.	-3038 Feb 15 j 06:17	26°♑44'29	0.58581 AU
morning rise	-3038 Feb 19 j 11:09	24°♑02'39	
direct	-3038 Feb 25 j 13:17	22°♑28'10	
desc. node	-3038 Feb 28 j 02:59	22°♑44'46	
	-3038 Mar 11 j 19:13	0°♒	
morning max el	-3038 Mar 11 j 19:58	0°♒01'50	26°35'39
	-3038 Apr 01 j 23:19	0°♓	
morning set	-3038 Apr 10 j 05:01	16°♓09'31	
asc. node	-3038 Apr 15 j 07:05	27°♓04'00	
	-3038 Apr 16 j 15:16	0°♈	
superior conj	-3038 Apr 17 j 06:47	1°♈25'00	0°20'45
minimum elong	-3038 Apr 17 j 05:53	1°♈20'00	0°20'33
max. Earth dist.	-3038 Apr 17 j 09:44	1°♈41'09	1.32561 AU
evening rise	-3038 Apr 24 j 07:40	16°♈34'22	
	-3038 May 01 j 02:18	0°♉	
	-3038 May 21 j 03:38	0°♊	
evening max el	-3038 May 24 j 00:43	2°♊57'07	26°36'36
desc. node	-3038 May 27 j 01:53	5°♊37'03	
retrograde	-3038 Jun 07 j 01:48	10°♊15'24	
evening set	-3038 Jun 13 j 15:21	8°♊24'48	
min. Earth dist.	-3038 Jun 17 j 14:06	5°♊44'42	0.60069 AU
inferior conj	-3038 Jun 20 j 22:32	3°♊01'35	-4°-25'-17
minimum elong	-3038 Jun 20 j 23:00	3°♊00'37	4°25'12
	-3038 Jun 24 j 23:47	30°℞♉	
morning rise	-3038 Jun 28 j 10:00	28°♉21'36	
direct	-3038 Jun 30 j 21:28	27°♉58'40	
	-3038 Jul 06 j 10:35	0°♊	
morning max el	-3038 Jul 08 j 07:11	1°♊34'01	18°14'12
asc. node	-3038 Jul 12 j 06:28	6°♊13'51	
morning set	-3038 Jul 24 j 06:15	26°♊51'19	
	-3038 Jul 25 j 22:13	0°♋	
superior conj	-3038 Aug 02 j 20:53	14°♋45'15	1°44'09
minimum elong	-3038 Aug 02 j 23:18	14°♋56'13	1°44'07
max. Earth dist.	-3038 Aug 10 j 09:57	28°♋00'18	1.40946 AU
	-3038 Aug 11 j 14:14	0°♌	
evening rise	-3038 Aug 15 j 11:48	6°♌27'55	
desc. node	-3038 Aug 23 j 01:11	18°♌26'53	
	-3038 Aug 30 j 18:15	0°♍	
greatest brilliancy	-3038 Sep 13 j 08:00	18°♍22'44	-0.3m
evening max el	-3038 Sep 18 j 11:47	24°♍09'26	22°59'18
	-3038 Sep 27 j 06:59	0°♎	
retrograde	-3038 Sep 28 j 13:26	0°♎07'23	
	-3038 Sep 29 j 18:59	30°℞♍	
evening set	-3038 Oct 03 j 07:56	28°♍10'35	
asc. node	-3038 Oct 08 j 05:33	22°♍27'47	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3038 Oct 08 j 16:34	21°♍49'53	0°09'28
minimum elong	-3038 Oct 08 j 16:20	21°♍50'40	0°09'23
transit middle	-3038 Oct 08 j 16:20	21°♍50'40	0°09'23
transit begin	-3038 Oct 08 j 14:07	21°♍58'17	
transit end	-3038 Oct 08 j 18:33	21°♍43'03	
min. Earth dist.	-3038 Oct 08 j 11:25	22°♍07'35	0.67483 AU
morning rise	-3038 Oct 14 j 00:42	15°♍35'51	
direct	-3038 Oct 18 j 07:38	13°♍54'54	
morning max el	-3038 Oct 27 j 07:03	19°♍13'25	21°44'15
greatest brilliancy	-3038 Nov 01 j 06:05	24°♍53'28	-0.4m
	-3038 Nov 05 j 04:22	0°♎	
desc. node	-3038 Nov 19 j 00:49	19°♎59'14	
	-3038 Nov 25 j 12:55	0°♏	
morning set	-3038 Nov 28 j 03:20	4°♏06'16	
max. Earth dist.	-3038 Dec 04 j 20:44	15°♏01'15	1.41700 AU
superior conj	-3038 Dec 12 j 10:37	27°♏54'55	-1°-53'-50
minimum elong	-3038 Dec 12 j 08:10	27°♏44'15	1°53'50
	-3038 Dec 13 j 15:09	0°♐	
evening rise	-3038 Dec 23 j 05:53	17°♐22'48	
	-3038 Dec 30 j 05:35	0°♑	
asc. node	-3037 Jan 04 j 04:41	7°♑59'02	
evening max el	-3037 Jan 08 j 15:38	13°♑28'31	18°10'55
retrograde	-3037 Jan 15 j 12:45	16°♑57'43	
evening set	-3037 Jan 18 j 02:58	16°♑28'39	
inferior conj	-3037 Jan 25 j 00:13	11°♑35'41	3°59'06
minimum elong	-3037 Jan 25 j 00:49	11°♑34'20	3°59'00
min. Earth dist.	-3037 Jan 28 j 05:36	8°♑39'51	0.60611 AU
morning rise	-3037 Jan 31 j 19:54	5°♑54'51	
direct	-3037 Feb 07 j 15:18	3°♑43'22	
desc. node	-3037 Feb 15 j 00:04	6°♑00'59	
morning max el	-3037 Feb 21 j 19:03	11°♑25'15	27°27'40
	-3037 Mar 08 j 09:05	0°♒	
	-3037 Mar 25 j 01:57	0°♓	
morning set	-3037 Mar 25 j 12:54	0°♓56'23	
max. Earth dist.	-3037 Mar 31 j 22:46	14°♓37'04	1.32558 AU
superior conj	-3037 Apr 01 j 18:15	16°♓23'30	0°-4'-18
minimum elong	-3037 Apr 01 j 18:27	16°♓24'34	0°04'18
behind sun begin	-3037 Apr 01 j 13:35	15°♓57'58	
behind sun end	-3037 Apr 01 j 23:19	16°♓51'11	
asc. node	-3037 Apr 02 j 04:05	17°♓17'15	
	-3037 Apr 08 j 00:51	0°♈	
evening rise	-3037 Apr 08 j 18:02	1°♈30'50	
	-3037 Apr 24 j 08:58	0°♉	
evening max el	-3037 May 05 j 20:48	14°♉15'38	25°26'55
desc. node	-3037 May 13 j 22:58	20°♉03'48	
retrograde	-3037 May 19 j 22:17	21°♉26'51	
evening set	-3037 May 25 j 11:18	20°♉14'42	
min. Earth dist.	-3037 May 30 j 08:59	17°♉28'24	0.58059 AU
inferior conj	-3037 Jun 02 j 14:00	15°♉13'25	-4°-12'-29
minimum elong	-3037 Jun 02 j 10:43	15°♉19'12	4°12'06
morning rise	-3037 Jun 10 j 14:06	10°♉55'19	
direct	-3037 Jun 13 j 01:54	10°♉36'01	
morning max el	-3037 Jun 21 j 12:10	14°♉33'36	18°51'37
asc. node	-3037 Jun 29 j 03:30	24°♉32'44	
	-3037 Jul 02 j 07:28	0°♊	
morning set	-3037 Jul 08 j 00:20	10°♊49'48	
superior conj	-3037 Jul 16 j 15:59	27°♊40'13	1°48'50
minimum elong	-3037 Jul 16 j 15:59	27°♊40'15	1°48'55
	-3037 Jul 17 j 21:30	0°♋	
max. Earth dist.	-3037 Jul 23 j 12:39	10°♋20'09	1.38984 AU
evening rise	-3037 Jul 27 j 12:50	17°♋21'09	
	-3037 Aug 04 j 04:31	0°♌	
desc. node	-3037 Aug 09 j 22:11	8°♌53'04	
	-3037 Aug 25 j 04:43	0°♍	
evening max el	-3037 Aug 31 j 23:46	7°♍38'39	24°19'38
retrograde	-3037 Sep 12 j 03:47	14°♍11'41	
evening set	-3037 Sep 17 j 13:09	11°♍55'31	
inferior conj	-3037 Sep 22 j 22:34	5°♍34'20	0°-44'-27
minimum elong	-3037 Sep 22 j 23:38	5°♍30'46	0°43'59
min. Earth dist.	-3037 Sep 22 j 07:01	6°♍26'41	0.67304 AU
asc. node	-3037 Sep 25 j 02:37	2°♍44'47	
	-3037 Sep 27 j 17:06	30°℞♌	
morning rise	-3037 Sep 28 j 10:23	29°♌26'02	
direct	-3037 Oct 02 j 04:26	28°♌05'27	
	-3037 Oct 07 j 01:23	0°♍	
morning max el	-3037 Oct 10 j 03:45	2°♍44'04	20°28'44
greatest brilliancy	-3037 Oct 16 j 13:53	10°♍26'54	-0.5m
	-3037 Oct 30 j 01:46	0°♎	
desc. node	-3037 Nov 05 j 21:48	10°♎26'56	
morning set	-3037 Nov 07 j 03:14	12°♎20'49	
max. Earth dist.	-3037 Nov 17 j 04:47	28°♎14'04	1.43367 AU
	-3037 Nov 18 j 07:02	0°♏	
superior conj	-3037 Nov 23 j 06:48	8°♏10'23	-1°-36'-41
minimum elong	-3037 Nov 23 j 00:30	7°♏44'20	1°36'15
evening rise	-3037 Dec 05 j 18:50	29°♏32'46	
	-3037 Dec 06 j 01:03	0°♐	
asc. node	-3037 Dec 22 j 01:42	25°♐30'30	
evening max el	-3037 Dec 23 j 03:35	26°♐39'46	18°09'38
	-3037 Dec 28 j 10:51	0°♑	
retrograde	-3037 Dec 29 j 17:01	0°♑08'01	
	-3037 Dec 30 j 23:16	30°℞♐	
evening set	-3036 Jan 01 j 10:27	29°♐31'00	
inferior conj	-3036 Jan 07 j 20:19	24°♐16'43	3°55'21
minimum elong	-3036 Jan 07 j 18:45	24°♐20'48	3°55'07
min. Earth dist.	-3036 Jan 10 j 13:37	21°♐27'37	0.62554 AU
morning rise	-3036 Jan 14 j 01:06	18°♐22'24	
direct	-3036 Jan 21 j 02:13	15°♐44'14	
desc. node	-3036 Feb 01 j 21:08	21°♐30'53	
morning max el	-3036 Feb 04 j 00:15	23°♐30'16	27°43'51
	-3036 Feb 09 j 20:52	0°♑	
	-3036 Feb 29 j 14:10	0°♒	
morning set	-3036 Mar 08 j 15:40	15°♒25'13	
max. Earth dist.	-3036 Mar 14 j 08:14	27°♒18'02	1.32912 AU
	-3036 Mar 15 j 14:22	0°♓	
superior conj	-3036 Mar 16 j 03:59	1°♓13'36	0°-29'-48
minimum elong	-3036 Mar 16 j 05:20	1°♓20'56	0°29'34
asc. node	-3036 Mar 19 j 01:06	7°♓28'19	
evening rise	-3036 Mar 23 j 05:43	16°♓27'49	
	-3036 Mar 30 j 00:20	0°♈	
evening max el	-3036 Apr 16 j 12:32	25°♈03'13	23°57'52
	-3036 Apr 23 j 02:07	0°♉	
desc. node	-3036 Apr 29 j 20:02	1°♉57'05	
retrograde	-3036 Apr 30 j 07:08	1°♉57'34	
evening set	-3036 May 04 j 11:40	1°♉18'38	
	-3036 May 07 j 17:46	30°℞♈	
min. Earth dist.	-3036 May 10 j 23:51	28°♈11'41	0.56364 AU
inferior conj	-3036 May 13 j 09:20	26°♈43'17	-3°-22'-5
minimum elong	-3036 May 13 j 03:13	26°♈52'44	3°20'38
morning rise	-3036 May 21 j 22:39	22°♈42'20	
direct	-3036 May 24 j 11:13	22°♈25'47	
morning max el	-3036 Jun 03 j 08:20	27°♈00'25	19°49'35
	-3036 Jun 06 j 04:19	0°♉	
asc. node	-3036 Jun 15 j 00:33	13°♉29'31	
morning set	-3036 Jun 21 j 02:21	25°♉14'19	
	-3036 Jun 23 j 10:48	0°♊	
superior conj	-3036 Jun 29 j 01:58	11°♊21'52	1°44'25
minimum elong	-3036 Jun 29 j 00:19	11°♊13'39	1°44'27
max. Earth dist.	-3036 Jul 04 j 15:49	22°♊10'47	1.37087 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-3036 Jul 08 j 14:18	29°♊26'36		
	-3036 Jul 08 j 21:43	0°♋		
desc. node	-3036 Jul 26 j 19:10	29°♋03'03		
	-3036 Jul 27 j 10:53	0°♌		
evening max el	-3036 Aug 13 j 10:30	21°♌10'20	25°34'12	
retrograde	-3036 Aug 25 j 13:57	28°♌10'25		
evening set	-3036 Aug 31 j 14:18	25°♌37'20		
min. Earth dist.	-3036 Sep 04 j 23:27	20°♌45'09	0.66801 AU	
inferior conj	-3036 Sep 06 j 02:09	19°♌19'06	-1°-37'-59	
minimum elong	-3036 Sep 06 j 04:28	19°♌11'37	1°37'02	
asc. node	-3036 Sep 10 j 23:43	13°♌54'23		
morning rise	-3036 Sep 11 j 19:15	13°♌19'36		
direct	-3036 Sep 15 j 02:35	12°♌16'22		
morning max el	-3036 Sep 22 j 07:50	16°♌23'39	19°26'09	
greatest brilliancy	-3036 Oct 01 j 17:58	28°♌37'53	-0.7m	
	-3036 Oct 02 j 16:13	0°♍		
morning set	-3036 Oct 16 j 05:11	20°♍48'32		
	-3036 Oct 22 j 02:28	0°♎		
desc. node	-3036 Oct 22 j 18:47	1°♎03'52		
max. Earth dist.	-3036 Oct 29 j 18:57	12°♎05'21	1.44466 AU	
superior conj	-3036 Nov 01 j 23:59	17°♎11'22	-1°-2'-20	
minimum elong	-3036 Nov 01 j 17:03	16°♎43'45	1°01'35	
	-3036 Nov 09 j 22:28	0°♏		
evening rise	-3036 Nov 16 j 11:22	10°♏47'28		
	-3036 Nov 28 j 04:20	0°♐		
evening max el	-3036 Dec 05 j 16:06	10°♐00'27	18°27'08	
asc. node	-3036 Dec 07 j 22:47	12°♐00'50		
retrograde	-3036 Dec 12 j 06:18	13°♐38'29		
evening set	-3036 Dec 15 j 04:01	12°♐52'13		
inferior conj	-3036 Dec 21 j 05:05	7°♐18'53	3°34'04	
minimum elong	-3036 Dec 21 j 02:19	7°♐26'51	3°33'27	
min. Earth dist.	-3036 Dec 23 j 07:40	4°♐53'13	0.64232 AU	
morning rise	-3036 Dec 26 j 23:15	1°♐14'59		
	-3036 Dec 28 j 16:31	30°℞♏		
direct	-3035 Jan 02 j 20:47	28°♏24'47		
	-3035 Jan 08 j 12:23	0°♐		
morning max el	-3035 Jan 16 j 09:06	6°♐08'59	27°24'20	
desc. node	-3035 Jan 18 j 18:13	8°♐37'58		
	-3035 Feb 03 j 16:36	0°♑		
morning set	-3035 Feb 20 j 10:30	29°♑25'40		
	-3035 Feb 20 j 17:29	0°♒		
max. Earth dist.	-3035 Feb 25 j 09:54	9°♒29'08	1.33665 AU	
superior conj	-3035 Feb 28 j 10:05	15°♒47'59	0°-54'-48	
minimum elong	-3035 Feb 28 j 12:30	16°♒00'48	0°54'26	
asc. node	-3035 Mar 05 j 22:08	27°♒32'10		
	-3035 Mar 07 j 02:05	0°♓		
evening rise	-3035 Mar 07 j 16:53	1°♓17'44		
	-3035 Mar 24 j 03:10	0°♈		
evening max el	-3035 Mar 29 j 05:47	5°♈45'12	22°23'32	
retrograde	-3035 Apr 11 j 03:55	12°♈04'09		
evening set	-3035 Apr 14 j 03:20	11°♈44'39		
desc. node	-3035 Apr 16 j 17:08	10°♈58'44		
min. Earth dist.	-3035 Apr 22 j 13:49	8°♈04'53	0.55322 AU	
inferior conj	-3035 Apr 23 j 11:24	7°♈34'14	-1°-50'-41	
minimum elong	-3035 Apr 23 j 06:34	7°♈41'07	1°49'07	
morning rise	-3035 May 02 j 11:48	3°♈37'49		
direct	-3035 May 05 j 04:08	3°♈21'23		
morning max el	-3035 May 16 j 17:50	8°♈46'27	21°07'07	
	-3035 May 31 j 09:26	0°♉		
asc. node	-3035 Jun 01 j 21:37	2°♉54'16		
morning set	-3035 Jun 05 j 09:44	9°♉57'24		
superior conj	-3035 Jun 12 j 22:28	25°♉36'55	1°33'15	
minimum elong	-3035 Jun 12 j 19:59	25°♉24'07	1°33'05	
	-3035 Jun 15 j 01:56	0°♊		
max. Earth dist.	-3035 Jun 17 j 01:39	3°♊59'31	1.35452 AU	
evening rise	-3035 Jun 21 j 11:14	12°♊31'28		
	-3035 Jul 01 j 07:42	0°♋		
desc. node	-3035 Jul 13 j 16:11	18°♋49'43		
	-3035 Jul 22 j 11:22	0°♌		
evening max el	-3035 Jul 26 j 21:43	4°♌41'39	26°35'00	
retrograde	-3035 Aug 08 j 19:17	11°♌57'47		
evening set	-3035 Aug 15 j 09:15	9°♌13'37		
min. Earth dist.	-3035 Aug 19 j 10:25	4°♌59'42	0.65951 AU	
inferior conj	-3035 Aug 21 j 01:23	3°♌01'54	-2°-29'-14	
minimum elong	-3035 Aug 21 j 04:47	2°♌51'39	2°28'00	
	-3035 Aug 23 j 16:40	30°℞♋		
morning rise	-3035 Aug 27 j 01:20	27°♋14'15		
asc. node	-3035 Aug 28 j 20:50	26°♋32'16		
direct	-3035 Aug 30 j 00:18	26°♋24'51		
morning max el	-3035 Sep 05 j 17:56	0°♌09'31	18°38'55	
	-3035 Sep 05 j 14:09	0°♌		
	-3035 Sep 25 j 23:16	0°♍		
morning set	-3035 Sep 26 j 05:15	0°♍23'59		
desc. node	-3035 Oct 09 j 15:45	21°♍46'34		
superior conj	-3035 Oct 12 j 00:35	25°♍30'30	0°-15'-6	
minimum elong	-3035 Oct 11 j 22:35	25°♍22'37	0°14'50	
behind sun begin	-3035 Oct 11 j 17:47	25°♍03'43		
behind sun end	-3035 Oct 12 j 03:23	25°♍41'31		
max. Earth dist.	-3035 Oct 12 j 12:22	26°♍16'56	1.44875 AU	
	-3035 Oct 14 j 21:03	0°♎		
evening rise	-3035 Oct 28 j 03:43	20°♎59'59		
	-3035 Nov 02 j 19:18	0°♏		
evening max el	-3035 Nov 19 j 02:40	23°♏26'11	19°02'18	
asc. node	-3035 Nov 24 j 19:52	27°♏14'55		
retrograde	-3035 Nov 26 j 00:53	27°♏23'07		
evening set	-3035 Nov 29 j 04:39	26°♏25'33		
inferior conj	-3035 Dec 04 j 23:03	20°♏35'59	3°00'41	
minimum elong	-3035 Dec 04 j 19:58	20°♏45'36	2°59'46	
min. Earth dist.	-3035 Dec 06 j 11:07	18°♏43'22	0.65563 AU	
morning rise	-3035 Dec 10 j 10:21	14°♏25'23		
direct	-3035 Dec 16 j 21:48	11°♏37'29		
morning max el	-3035 Dec 29 j 18:44	19°♏09'04	26°34'28	
desc. node	-3034 Jan 05 j 15:17	26°♏54'00		
	-3034 Jan 08 j 01:33	0°♐		
	-3034 Jan 27 j 16:42	0°♑		
morning set	-3034 Feb 03 j 17:48	12°♑46'31		
max. Earth dist.	-3034 Feb 08 j 00:30	21°♑04'03	1.34865 AU	
superior conj	-3034 Feb 12 j 10:23	0°♒00'06	-1°-18'-1	
minimum elong	-3034 Feb 12 j 13:32	0°♒16'21	1°17'39	
	-3034 Feb 12 j 10:22	0°♒		
evening rise	-3034 Feb 20 j 01:45	15°♒54'50		
asc. node	-3034 Feb 20 j 19:10	17°♒24'23		
	-3034 Feb 27 j 06:44	0°♓		
evening max el	-3034 Mar 11 j 06:45	16°♓48'22	20°56'35	
retrograde	-3034 Mar 22 j 17:14	22°♓16'32		
evening set	-3034 Mar 25 j 01:51	22°♓03'28		
inferior conj	-3034 Apr 03 j 06:23	18°♓05'47	0°05'31	
minimum elong	-3034 Apr 03 j 06:38	18°♓05'26	0°05'24	
transit middle	-3034 Apr 03 j 06:38	18°♓05'26	0°05'24	
transit begin	-3034 Apr 03 j 02:47	18°♓10'54		
transit end	-3034 Apr 03 j 10:28	17°♓59'57		
desc. node	-3034 Apr 03 j 14:16	17°♓54'33		
min. Earth dist.	-3034 Apr 04 j 03:54	17°♓35'07	0.55180 AU	
morning rise	-3034 Apr 12 j 10:18	13°♓56'13		
direct	-3034 Apr 15 j 15:56	13°♓33'26		
morning max el	-3034 Apr 28 j 16:48	19°♓51'22	22°40'09	
	-3034 May 07 j 02:49	0°♈		
asc. node	-3034 May 19 j 18:39	22°♈39'26		
morning set	-3034 May 20 j 20:22	24°♈52'38		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3034 May 23 j 06:43	0°♉	
superior conj	-3034 May 28 j 02:08	10°♉14'51	1°17'04
minimum elong	-3034 May 27 j 23:31	10°♉00'57	1°16'44
max. Earth dist.	-3034 May 30 j 21:29	16°♉08'31	1.34176 AU
evening rise	-3034 Jun 04 j 22:32	26°♉20'48	
	-3034 Jun 06 j 19:46	0°♊	
	-3034 Jun 24 j 16:10	0°♋	
desc. node	-3034 Jun 30 j 13:15	8°♋02'43	
evening max el	-3034 Jul 09 j 09:17	18°♋03'45	27°14'06
retrograde	-3034 Jul 22 j 19:10	25°♋25'45	
evening set	-3034 Jul 29 j 19:14	22°♋39'50	
min. Earth dist.	-3034 Aug 02 j 13:35	19°♋03'23	0.64735 AU
inferior conj	-3034 Aug 04 j 18:00	16°♋37'59	-3°-15'-50
minimum elong	-3034 Aug 04 j 21:59	16°♋26'55	3°14'39
morning rise	-3034 Aug 11 j 02:14	11°♋05'32	
direct	-3034 Aug 13 j 19:20	10°♋26'35	
asc. node	-3034 Aug 15 j 17:56	10°♋46'32	
morning max el	-3034 Aug 20 j 07:48	13°♋56'53	18°08'27
	-3034 Aug 31 j 14:20	0°♌	
morning set	-3034 Sep 07 j 09:05	11°♌19'59	
	-3034 Sep 18 j 16:33	0°♍	
superior conj	-3034 Sep 21 j 06:11	4°♍08'16	0°33'25
minimum elong	-3034 Sep 21 j 10:04	4°♍23'48	0°32'59
max. Earth dist.	-3034 Sep 25 j 06:22	10°♍31'30	1.44558 AU
desc. node	-3034 Sep 26 j 12:42	12°♍31'29	
evening rise	-3034 Oct 07 j 20:48	0°♎14'03	
	-3034 Oct 07 j 17:10	0°♎	
greatest brilliancy	-3034 Oct 25 j 20:49	27°♎26'09	-0.6m
	-3034 Oct 27 j 17:17	0°♏	
evening max el	-3034 Nov 02 j 09:04	6°♏52'59	19°53'30
retrograde	-3034 Nov 09 j 21:50	11°♏16'53	
asc. node	-3034 Nov 11 j 16:59	10°♏58'11	
evening set	-3034 Nov 13 j 09:44	10°♏05'33	
inferior conj	-3034 Nov 18 j 23:19	4°♏02'45	2°18'54
minimum elong	-3034 Nov 18 j 20:34	4°♏11'51	2°17'55
min. Earth dist.	-3034 Nov 19 j 22:14	2°♏47'02	0.66527 AU
	-3034 Nov 22 j 03:35	30°℞♎	
morning rise	-3034 Nov 24 j 06:46	27°♎47'54	
direct	-3034 Nov 30 j 04:22	25°♎13'13	
	-3034 Dec 09 j 16:42	0°♏	
morning max el	-3034 Dec 12 j 03:33	2°♏18'57	25°22'44
desc. node	-3034 Dec 23 j 12:18	15°♏58'06	
	-3033 Jan 02 j 05:21	0°♐	
morning set	-3033 Jan 17 j 08:41	25°♐13'07	
	-3033 Jan 19 j 23:20	0°♑	
max. Earth dist.	-3033 Jan 21 j 03:41	2°♑12'29	1.36503 AU
superior conj	-3033 Jan 27 j 02:03	13°♑41'20	-1°-37'-45
minimum elong	-3033 Jan 27 j 05:18	13°♑57'28	1°37'32
evening rise	-3033 Feb 04 j 06:15	0°♒12'44	
	-3033 Feb 04 j 03:44	0°♒	
asc. node	-3033 Feb 07 j 16:12	6°♒59'49	
evening max el	-3033 Feb 21 j 18:14	28°♒26'20	19°45'08
	-3033 Feb 23 j 13:29	0°♓	
retrograde	-3033 Mar 03 j 11:44	3°♓04'00	
evening set	-3033 Mar 05 j 18:14	2°♓50'01	
	-3033 Mar 12 j 09:09	30°℞♒	
inferior conj	-3033 Mar 14 j 08:33	28°♒47'21	1°54'08
minimum elong	-3033 Mar 14 j 12:53	28°♒40'34	1°52'45
min. Earth dist.	-3033 Mar 16 j 18:11	27°♒17'31	0.55963 AU
desc. node	-3033 Mar 21 j 11:22	24°♒47'50	
morning rise	-3033 Mar 23 j 04:15	24°♒10'33	
direct	-3033 Mar 27 j 10:33	23°♒30'05	
	-3033 Apr 09 j 20:22	0°♓	
morning max el	-3033 Apr 10 j 08:51	0°♓29'19	24°19'46
	-3033 Apr 30 j 11:01	0°♈	
morning set	-3033 May 05 j 08:30	9°♈54'24	
asc. node	-3033 May 06 j 15:40	12°♈39'10	
superior conj	-3033 May 12 j 10:28	25°♈07'49	0°57'11
minimum elong	-3033 May 12 j 08:14	24°♈55'44	0°56'49
max. Earth dist.	-3033 May 14 j 02:32	28°♈43'31	1.33271 AU
	-3033 May 14 j 16:50	0°♉	
evening rise	-3033 May 19 j 20:01	10°♉41'54	
	-3033 May 30 j 02:59	0°♊	
desc. node	-3033 Jun 17 j 10:19	26°♊27'55	
	-3033 Jun 20 j 17:08	0°♋	
evening max el	-3033 Jun 21 j 19:18	1°♋04'12	27°24'57
retrograde	-3033 Jul 05 j 12:52	8°♋26'18	
evening set	-3033 Jul 12 j 16:57	5°♋50'57	
min. Earth dist.	-3033 Jul 16 j 07:11	2°♋46'40	0.63151 AU
inferior conj	-3033 Jul 19 j 01:16	0°♋02'02	-3°-54'-21
minimum elong	-3033 Jul 19 j 05:00	29°♊52'43	3°53'34
	-3033 Jul 19 j 02:05	30°℞♊	
morning rise	-3033 Jul 25 j 19:09	24°♊48'07	
direct	-3033 Jul 28 j 08:39	24°♊16'52	
asc. node	-3033 Aug 02 j 15:00	26°♊29'05	
morning max el	-3033 Aug 03 j 22:54	27°♊41'10	17°55'49
	-3033 Aug 06 j 00:56	0°♋	
morning set	-3033 Aug 20 j 13:11	23°♋25'52	
	-3033 Aug 24 j 07:09	0°♌	
superior conj	-3033 Sep 01 j 11:06	13°♌56'33	1°11'57
minimum elong	-3033 Sep 01 j 16:42	14°♌19'56	1°11'25
max. Earth dist.	-3033 Sep 07 j 21:56	24°♌31'39	1.43559 AU
	-3033 Sep 11 j 08:02	0°♍	
desc. node	-3033 Sep 13 j 09:41	3°♍16'03	
evening rise	-3033 Sep 17 j 01:47	8°♍59'45	
	-3033 Sep 30 j 23:45	0°♎	
greatest brilliancy	-3033 Oct 10 j 20:08	13°♎46'00	-0.5m
evening max el	-3033 Oct 16 j 09:44	20°♎19'22	20°58'18
retrograde	-3033 Oct 24 j 18:57	25°♎17'16	
evening set	-3033 Oct 28 j 17:10	23°♎49'40	
asc. node	-3033 Oct 29 j 14:03	23°♎06'22	
inferior conj	-3033 Nov 03 j 03:37	17°♎36'56	1°31'22
minimum elong	-3033 Nov 03 j 01:38	17°♎43'43	1°30'34
min. Earth dist.	-3033 Nov 03 j 14:51	16°♎58'30	0.67145 AU
morning rise	-3033 Nov 08 j 09:42	11°♎20'15	
direct	-3033 Nov 13 j 15:52	9°♎05'09	
morning max el	-3033 Nov 24 j 12:15	15°♎33'20	23°58'45
	-3033 Dec 06 j 09:06	0°♏	
desc. node	-3033 Dec 10 j 09:18	5°♏36'25	
	-3033 Dec 26 j 04:44	0°♐	
morning set	-3033 Dec 30 j 01:05	6°♐28'59	
max. Earth dist.	-3032 Jan 03 j 00:03	13°♐23'50	1.38476 AU
superior conj	-3032 Jan 10 j 05:22	26°♐41'06	-1°-51'-40
minimum elong	-3032 Jan 10 j 07:36	26°♐51'45	1°51'41
	-3032 Jan 11 j 23:00	0°♑	
evening rise	-3032 Jan 19 j 03:58	14°♑04'25	
asc. node	-3032 Jan 25 j 13:14	26°♑11'52	
	-3032 Jan 27 j 17:49	0°♒	
evening max el	-3032 Feb 04 j 15:45	10°♒39'08	18°52'46
retrograde	-3032 Feb 12 j 22:21	14°♒38'22	
evening set	-3032 Feb 15 j 07:26	14°♒19'56	
inferior conj	-3032 Feb 23 j 04:22	10°♒00'43	3°10'42
minimum elong	-3032 Feb 23 j 08:51	9°♒52'35	3°09'41
min. Earth dist.	-3032 Feb 26 j 10:00	7°♒41'14	0.57484 AU
morning rise	-3032 Mar 02 j 06:26	4°♒53'32	
desc. node	-3032 Mar 07 j 08:27	3°♒41'58	
direct	-3032 Mar 07 j 17:38	3°♒41'37	
morning max el	-3032 Mar 22 j 00:09	11°♒06'24	25°52'04

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3032 Apr 05 j 12:12	0°♓		
morning set	-3032 Apr 18 j 20:21	24°♓55'30		
	-3032 Apr 21 j 05:39	0°♈		
asc. node	-3032 Apr 22 j 12:40	2°♈47'36		
superior conj	-3032 Apr 25 j 21:22	10°♈07'47	0°34'38	
minimum elong	-3032 Apr 25 j 19:54	9°♈59'45	0°34'19	
max. Earth dist.	-3032 Apr 26 j 13:30	11°♈35'51	1.32721 AU	
evening rise	-3032 May 03 j 00:22	25°♈23'05		
	-3032 May 05 j 06:47	0°♉		
	-3032 May 22 j 18:54	0°♊		
evening max el	-3032 Jun 03 j 00:59	13°♊28'45	27°03'29	
desc. node	-3032 Jun 03 j 07:23	13°♊43'56		
retrograde	-3032 Jun 16 j 23:46	20°♊49'14		
evening set	-3032 Jun 23 j 22:14	18°♊38'24		
min. Earth dist.	-3032 Jun 27 j 14:34	15°♊54'30	0.61252 AU	
inferior conj	-3032 Jun 30 j 19:51	13°♊04'56	-4°-19'-38	
minimum elong	-3032 Jun 30 j 21:59	13°♊00'15	4°19'23	
morning rise	-3032 Jul 08 j 00:38	8°♊12'26		
direct	-3032 Jul 10 j 12:27	7°♊46'54		
morning max el	-3032 Jul 17 j 12:24	11°♊14'46	18°01'54	
asc. node	-3032 Jul 19 j 12:01	13°♊23'51		
	-3032 Jul 29 j 23:41	0°♋		
morning set	-3032 Aug 02 j 11:45	6°♋24'52		
superior conj	-3032 Aug 12 j 19:37	25°♋07'08	1°36'18	
minimum elong	-3032 Aug 12 j 23:32	25°♋24'21	1°36'05	
	-3032 Aug 15 j 14:59	0°♌		
max. Earth dist.	-3032 Aug 20 j 07:59	7°♌57'47	1.42005 AU	
evening rise	-3032 Aug 26 j 13:40	18°♌06'23		
desc. node	-3032 Aug 30 j 06:41	23°♌56'41		
	-3032 Sep 03 j 05:12	0°♍		
greatest brilliancy	-3032 Sep 23 j 10:26	28°♍24'14	-0.3m	
	-3032 Sep 24 j 18:22	0°♎		
evening max el	-3032 Sep 28 j 04:14	3°♎45'19	22°13'22	
retrograde	-3032 Oct 07 j 14:34	9°♎21'44		
evening set	-3032 Oct 12 j 01:08	7°♎35'51		
asc. node	-3032 Oct 15 j 11:06	3°♎55'21		
inferior conj	-3032 Oct 17 j 09:58	1°♎16'48	0°40'04	
minimum elong	-3032 Oct 17 j 09:03	1°♎19'59	0°39'40	
min. Earth dist.	-3032 Oct 17 j 10:38	1°♎14'30	0.67442 AU	
	-3032 Oct 18 j 08:17	30°℞♍		
morning rise	-3032 Oct 22 j 16:49	25°♍00'53		
direct	-3032 Oct 27 j 07:47	23°♍07'42		
morning max el	-3032 Nov 05 j 23:22	28°♍52'04	22°32'05	
	-3032 Nov 07 j 01:25	0°♎		
greatest brilliancy	-3032 Nov 10 j 15:51	4°♎08'22	-0.3m	
desc. node	-3032 Nov 26 j 06:17	25°♎39'16		
	-3032 Nov 29 j 03:41	0°♏		
morning set	-3032 Dec 09 j 13:33	16°♏22'06		
max. Earth dist.	-3032 Dec 14 j 20:58	25°♏11'34	1.40556 AU	
	-3032 Dec 17 j 16:16	0°♐		
superior conj	-3032 Dec 22 j 15:33	8°♐47'13	-1°-56'-36	
minimum elong	-3032 Dec 22 j 15:16	8°♐45'54	1°56'42	
evening rise	-3031 Jan 01 j 15:56	27°♐22'49		
	-3031 Jan 03 j 01:20	0°♑		
asc. node	-3031 Jan 11 j 10:16	14°♑52'53		
evening max el	-3031 Jan 17 j 21:09	23°♑20'59	18°20'30	
retrograde	-3031 Jan 25 j 03:29	26°♑57'06		
evening set	-3031 Jan 27 j 15:46	26°♑32'22		
inferior conj	-3031 Feb 03 j 20:52	21°♑52'15	3°50'27	
minimum elong	-3031 Feb 03 j 23:01	21°♑47'43	3°50'10	
min. Earth dist.	-3031 Feb 07 j 06:01	19°♑02'25	0.59426 AU	
morning rise	-3031 Feb 11 j 02:55	16°♑21'10		
direct	-3031 Feb 17 j 13:33	14°♑30'18		
desc. node	-3031 Feb 22 j 05:31	15°♑25'29		
morning max el	-3031 Mar 03 j 19:53	22°♑08'55	27°01'59	
	-3031 Mar 10 j 18:21	0°♒		
	-3031 Mar 29 j 08:53	0°♓		
morning set	-3031 Apr 03 j 06:14	9°♓49'38		
asc. node	-3031 Apr 09 j 09:41	23°♓00'24		
superior conj	-3031 Apr 10 j 09:07	25°♓08'37	0°10'15	
minimum elong	-3031 Apr 10 j 08:39	25°♓06'07	0°10'09	
behind sun begin	-3031 Apr 10 j 04:48	24°♓45'00		
behind sun end	-3031 Apr 10 j 12:31	25°♓27'15		
max. Earth dist.	-3031 Apr 10 j 02:45	24°♓33'47	1.32514 AU	
	-3031 Apr 12 j 14:22	0°♈		
evening rise	-3031 Apr 17 j 09:09	10°♈15'58		
	-3031 Apr 27 j 14:46	0°♉		
evening max el	-3031 May 16 j 00:33	25°♉10'41	26°09'59	
desc. node	-3031 May 21 j 04:27	29°♉22'30		
	-3031 May 22 j 04:19	0°♊		
retrograde	-3031 May 30 j 02:33	2°♊27'28		
evening set	-3031 Jun 05 j 07:04	0°♊52'45		
	-3031 Jun 06 j 21:15	30°℞♉		
min. Earth dist.	-3031 Jun 09 j 13:21	28°♉12'05	0.59201 AU	
inferior conj	-3031 Jun 12 j 22:11	25°♉37'57	-4°-23'-47	
minimum elong	-3031 Jun 12 j 21:09	25°♉39'56	4°23'42	
morning rise	-3031 Jun 20 j 14:58	21°♉07'48		
direct	-3031 Jun 23 j 02:23	20°♉46'39		
morning max el	-3031 Jun 30 j 21:23	24°♉29'42	18°27'35	
	-3031 Jul 05 j 12:11	0°♊		
asc. node	-3031 Jul 06 j 09:04	1°♊15'53		
morning set	-3031 Jul 16 j 23:51	20°♊04'16		
	-3031 Jul 22 j 04:11	0°♋		
superior conj	-3031 Jul 26 j 03:45	7°♋28'34	1°47'24	
minimum elong	-3031 Jul 26 j 05:05	7°♋34'43	1°47'28	
max. Earth dist.	-3031 Aug 02 j 12:08	20°♋39'18	1.40118 AU	
evening rise	-3031 Aug 06 j 23:39	28°♋16'10		
	-3031 Aug 08 j 00:42	0°♌		
desc. node	-3031 Aug 17 j 03:41	14°♌29'22		
	-3031 Aug 27 j 18:41	0°♍		
evening max el	-3031 Sep 10 j 17:53	17°♍12'34	23°33'43	
retrograde	-3031 Sep 21 j 07:14	23°♍26'55		
evening set	-3031 Sep 26 j 07:51	21°♍21'49		
inferior conj	-3031 Oct 01 j 16:37	15°♍00'14	0°-13'-21	
minimum elong	-3031 Oct 01 j 16:56	14°♍59'09	0°13'13	
transit middle	-3031 Oct 01 j 16:56	14°♍59'09	0°13'13	
transit begin	-3031 Oct 01 j 15:20	15°♍04'36		
transit end	-3031 Oct 01 j 18:31	14°♍53'42		
min. Earth dist.	-3031 Oct 01 j 07:05	15°♍32'50	0.67438 AU	
asc. node	-3031 Oct 02 j 08:10	14°♍07'10		
morning rise	-3031 Oct 07 j 02:05	8°♍48'03		
direct	-3031 Oct 11 j 03:13	7°♍16'09		
morning max el	-3031 Oct 19 j 15:55	12°♍17'23	21°10'41	
greatest brilliancy	-3031 Oct 25 j 03:10	18°♍39'20	-0.5m	
	-3031 Nov 02 j 09:28	0°♎		
desc. node	-3031 Nov 13 j 03:16	15°♎59'13		
morning set	-3031 Nov 18 j 22:54	24°♎59'38		
	-3031 Nov 22 j 02:56	0°♏		
max. Earth dist.	-3031 Nov 26 j 23:57	7°♏51'52	1.42460 AU	
superior conj	-3031 Dec 04 j 03:00	19°♏45'56	-1°-48'-37	
minimum elong	-3031 Dec 03 j 22:49	19°♏28'07	1°48'28	
	-3031 Dec 10 j 00:21	0°♐		
evening rise	-3031 Dec 15 j 14:29	9°♐59'33		
	-3031 Dec 27 j 06:19	0°♑		
asc. node	-3031 Dec 29 j 07:19	2°♑52'48		
evening max el	-3030 Jan 01 j 07:34	6°♑23'29	18°08'06	
retrograde	-3030 Jan 08 j 00:19	9°♑50'44		
evening set	-3030 Jan 10 j 15:48	9°♑18'30		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3030 Jan 17 j 07:54	4°♑16'39	4°00'04
minimum elong	-3030 Jan 17 j 07:28	4°♑17'42	3°59'58
min. Earth dist.	-3030 Jan 20 j 08:56	1°♑20'48	0.61458 AU
	-3030 Jan 21 j 21:25	30°℞♐	
morning rise	-3030 Jan 23 j 20:41	28°♐29'25	
direct	-3030 Jan 30 j 19:57	26°♐04'31	
desc. node	-3030 Feb 09 j 02:35	29°♐42'13	
	-3030 Feb 09 j 12:13	0°♑	
morning max el	-3030 Feb 13 j 21:40	3°♑49'30	27°39'01
	-3030 Mar 05 j 07:53	0°♒	
morning set	-3030 Mar 18 j 12:13	24°♒29'15	
	-3030 Mar 21 j 03:46	0°♓	
max. Earth dist.	-3030 Mar 24 j 14:30	7°♓23'19	1.32655 AU
superior conj	-3030 Mar 25 j 20:04	10°♓03'59	0°-15'-7
minimum elong	-3030 Mar 25 j 20:45	10°♓07'44	0°15'00
behind sun begin	-3030 Mar 25 j 19:08	9°♓58'55	
behind sun end	-3030 Mar 25 j 22:22	10°♓16'33	
asc. node	-3030 Mar 27 j 06:44	13°♓13'00	
evening rise	-3030 Apr 01 j 20:16	25°♓12'51	
	-3030 Apr 04 j 03:37	0°♈	
	-3030 Apr 22 j 03:30	0°♉	
evening max el	-3030 Apr 27 j 18:23	6°♉13'55	24°50'45
desc. node	-3030 May 08 j 01:30	12°♉48'00	
retrograde	-3030 May 11 j 18:40	13°♉19'58	
evening set	-3030 May 16 j 18:00	12°♉23'32	
min. Earth dist.	-3030 May 22 j 06:30	9°♉29'41	0.57275 AU
inferior conj	-3030 May 25 j 05:12	7°♉32'40	-3°-56'-17
minimum elong	-3030 May 25 j 00:25	7°♉40'39	3°55'28
morning rise	-3030 Jun 02 j 10:54	3°♉22'35	
direct	-3030 Jun 04 j 22:44	3°♉04'43	
morning max el	-3030 Jun 13 j 22:58	7°♉16'44	19°13'42
asc. node	-3030 Jun 23 j 06:08	19°♉52'23	
	-3030 Jun 28 j 17:49	0°♊	
morning set	-3030 Jun 30 j 21:43	4°♊15'02	
superior conj	-3030 Jul 09 j 05:50	20°♊45'21	1°47'55
minimum elong	-3030 Jul 09 j 05:02	20°♊41'27	1°48'00
	-3030 Jul 14 j 02:38	0°♋	
max. Earth dist.	-3030 Jul 15 j 14:09	2°♋43'30	1.38159 AU
evening rise	-3030 Jul 19 j 11:41	9°♋42'09	
	-3030 Jul 31 j 20:08	0°♌	
desc. node	-3030 Aug 04 j 00:42	4°♌49'37	
	-3030 Aug 23 j 11:46	0°♍	
evening max el	-3030 Aug 24 j 05:14	0°♍43'48	24°52'35
retrograde	-3030 Sep 04 j 19:56	7°♍29'33	
evening set	-3030 Sep 10 j 11:36	5°♍06'02	
	-3030 Sep 14 j 23:25	30°℞♌	
min. Earth dist.	-3030 Sep 15 j 01:47	29°♌52'14	0.67130 AU
inferior conj	-3030 Sep 15 j 21:51	28°♌45'41	-1°-7'-18
minimum elong	-3030 Sep 15 j 23:28	28°♌40'22	1°06'37
asc. node	-3030 Sep 19 j 05:15	24°♌41'00	
morning rise	-3030 Sep 21 j 11:42	22°♌40'27	
direct	-3030 Sep 25 j 00:57	21°♌27'30	
morning max el	-3030 Oct 02 j 15:44	25°♌51'48	20°00'15
	-3030 Oct 06 j 06:28	0°♍	
greatest brilliancy	-3030 Oct 10 j 01:38	5°♍01'52	-0.6m
	-3030 Oct 26 j 19:11	0°♎	
morning set	-3030 Oct 28 j 20:34	3°♎10'44	
desc. node	-3030 Oct 31 j 00:16	6°♎31'20	
max. Earth dist.	-3030 Nov 09 j 10:39	21°♎22'14	1.43919 AU
superior conj	-3030 Nov 14 j 11:25	29°♎28'41	-1°-24'-9
minimum elong	-3030 Nov 14 j 04:12	28°♎59'23	1°23'31
	-3030 Nov 14 j 19:07	0°♏	
evening rise	-3030 Nov 27 j 19:17	21°♏46'36	
	-3030 Dec 02 j 14:30	0°♐	
evening max el	-3030 Dec 15 j 20:09	19°♐39'28	18°14'52
asc. node	-3030 Dec 16 j 04:22	19°♐59'51	
retrograde	-3030 Dec 22 j 08:47	23°♐10'15	
evening set	-3030 Dec 25 j 03:59	22°♐29'23	
inferior conj	-3030 Dec 31 j 09:49	17°♐06'48	3°48'02
minimum elong	-3030 Dec 31 j 07:38	17°♐12'46	3°47'39
min. Earth dist.	-3029 Jan 02 j 21:01	14°♐26'07	0.63317 AU
morning rise	-3029 Jan 06 j 09:37	11°♐08'18	
direct	-3029 Jan 13 j 10:24	8°♐22'59	
desc. node	-3029 Jan 26 j 23:39	15°♐56'45	
morning max el	-3029 Jan 27 j 04:28	16°♐08'35	27°39'36
	-3029 Feb 07 j 16:02	0°♑	
	-3029 Feb 25 j 23:30	0°♒	
morning set	-3029 Mar 02 j 11:57	8°♒46'21	
max. Earth dist.	-3029 Mar 07 j 20:58	19°♒51'36	1.33179 AU
superior conj	-3029 Mar 10 j 04:29	24°♒47'42	0°-40'-33
minimum elong	-3029 Mar 10 j 06:19	24°♒57'31	0°40'14
	-3029 Mar 12 j 14:27	0°♓	
asc. node	-3029 Mar 14 j 03:46	3°♓21'06	
evening rise	-3029 Mar 17 j 07:57	10°♓07'09	
	-3029 Mar 27 j 16:53	0°♈	
evening max el	-3029 Apr 09 j 10:07	16°♈55'38	23°17'39
retrograde	-3029 Apr 22 j 21:46	23°♈36'35	
desc. node	-3029 Apr 24 j 22:36	23°♈27'23	
evening set	-3029 Apr 26 j 12:43	23°♈07'51	
min. Earth dist.	-3029 May 03 j 20:43	19°♈48'46	0.55820 AU
inferior conj	-3029 May 05 j 16:25	18°♈44'25	-2°-47'-58
minimum elong	-3029 May 05 j 10:13	18°♈53'34	2°46'14
morning rise	-3029 May 14 j 10:54	14°♈47'06	
direct	-3029 May 17 j 00:37	14°♈30'56	
morning max el	-3029 May 27 j 14:36	19°♈25'58	20°20'20
	-3029 Jun 04 j 22:45	0°♉	
asc. node	-3029 Jun 10 j 03:13	9°♉02'00	
morning set	-3029 Jun 15 j 02:21	18°♉48'24	
	-3029 Jun 20 j 13:17	0°♊	
superior conj	-3029 Jun 22 j 20:46	4°♊42'21	1°40'25
minimum elong	-3029 Jun 22 j 18:40	4°♊31'45	1°40'21
max. Earth dist.	-3029 Jun 27 j 19:55	14°♊31'38	1.36355 AU
evening rise	-3029 Jul 01 j 22:07	22°♊14'46	
	-3029 Jul 06 j 05:50	0°♋	
desc. node	-3029 Jul 21 j 21:43	24°♋50'48	
	-3029 Jul 25 j 14:45	0°♌	
evening max el	-3029 Aug 06 j 16:19	14°♌16'52	26°02'12
retrograde	-3029 Aug 19 j 03:55	21°♌24'12	
evening set	-3029 Aug 25 j 10:23	18°♌45'42	
min. Earth dist.	-3029 Aug 29 j 16:09	14°♌09'41	0.66493 AU
inferior conj	-3029 Aug 30 j 23:51	12°♌30'04	-2°00'-6
minimum elong	-3029 Aug 31 j 02:40	12°♌21'14	1°58'59
morning rise	-3029 Sep 05 j 19:41	6°♌35'08	
asc. node	-3029 Sep 06 j 02:22	6°♌25'32	
direct	-3029 Sep 08 j 23:17	5°♌38'03	
morning max el	-3029 Sep 15 j 22:34	9°♌34'13	19°04'01
	-3029 Sep 30 j 14:01	0°♍	
morning set	-3029 Oct 08 j 06:20	12°♍03'19	
desc. node	-3029 Oct 17 j 21:16	27°♍11'00	
	-3029 Oct 19 j 16:15	0°♎	
max. Earth dist.	-3029 Oct 23 j 03:05	5°♎26'08	1.44739 AU
superior conj	-3029 Oct 24 j 19:24	8°♎05'19	0°-43'-17
minimum elong	-3029 Oct 24 j 13:59	7°♎43'56	0°42'39
	-3029 Nov 07 j 11:41	0°♏	
evening rise	-3029 Nov 09 j 01:49	2°♏35'16	
	-3029 Nov 26 j 16:55	0°♐	
evening max el	-3029 Nov 29 j 08:09	3°♐02'49	18°40'01
asc. node	-3029 Dec 03 j 01:25	5°♐59'40	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3029 Dec 06 j 00:45	6°♐47'38	
evening set	-3029 Dec 09 j 00:55	5°♐56'38	
inferior conj	-3029 Dec 14 j 22:53	0°♐15'49	3°21'05
minimum elong	-3029 Dec 14 j 19:54	0°♐24'46	3°20'20
	-3029 Dec 15 j 04:09	30°℞♏	
min. Earth dist.	-3029 Dec 16 j 19:03	28°♏03'46	0.64846 AU
morning rise	-3029 Dec 20 j 13:44	24°♏08'55	
direct	-3029 Dec 27 j 07:34	21°♏18'27	
morning max el	-3028 Jan 09 j 13:58	28°♏57'57	27°06'27
	-3028 Jan 10 j 14:22	0°♐	
desc. node	-3028 Jan 13 j 20:44	3°♐36'03	
	-3028 Feb 01 j 11:39	0°♑	
morning set	-3028 Feb 14 j 02:24	22°♑31'32	
	-3028 Feb 17 j 21:04	0°♒	
max. Earth dist.	-3028 Feb 18 j 18:32	1°♒48'57	1.34122 AU
superior conj	-3028 Feb 22 j 08:26	9°♒13'40	-1°-4'-57
minimum elong	-3028 Feb 22 j 11:14	9°♒28'17	1°04'34
asc. node	-3028 Feb 29 j 00:47	23°♒20'43	
evening rise	-3028 Feb 29 j 18:25	24°♒52'51	
	-3028 Mar 03 j 06:16	0°♓	
evening max el	-3028 Mar 21 j 06:00	27°♓43'45	21°45'01
	-3028 Mar 23 j 21:27	0°♈	
retrograde	-3028 Apr 02 j 14:06	3°♈42'18	
evening set	-3028 Apr 05 j 05:35	3°♈26'36	
desc. node	-3028 Apr 10 j 19:42	1°♈25'13	
	-3028 Apr 13 j 11:47	30°℞♓	
inferior conj	-3028 Apr 14 j 13:49	29°♓23'34	-1°-2'-40
minimum elong	-3028 Apr 14 j 10:54	29°♓27'39	1°01'41
min. Earth dist.	-3028 Apr 14 j 10:18	29°♓28'30	0.55142 AU
morning rise	-3028 Apr 23 j 17:03	25°♓24'17	
direct	-3028 Apr 26 j 13:42	25°♓06'12	
	-3028 May 07 j 19:32	0°♈	
morning max el	-3028 May 08 j 19:23	0°♈53'36	21°45'18
asc. node	-3028 May 27 j 00:17	28°♈36'22	
	-3028 May 27 j 16:53	0°♉	
morning set	-3028 May 29 j 11:22	3°♉37'40	
superior conj	-3028 Jun 05 j 20:41	19°♉08'18	1°26'56
minimum elong	-3028 Jun 05 j 18:04	18°♉54'39	1°26'41
max. Earth dist.	-3028 Jun 09 j 10:06	26°♉28'18	1.34861 AU
	-3028 Jun 11 j 04:14	0°♊	
evening rise	-3028 Jun 14 j 01:44	5°♊39'58	
	-3028 Jun 27 j 23:05	0°♋	
desc. node	-3028 Jul 07 j 18:44	14°♋24'33	
evening max el	-3028 Jul 19 j 03:44	27°♋45'15	26°54'34
	-3028 Jul 21 j 15:05	0°♌	
retrograde	-3028 Aug 01 j 06:51	5°♌04'32	
evening set	-3028 Aug 08 j 01:53	2°♌18'01	
	-3028 Aug 10 j 12:03	30°℞♋	
min. Earth dist.	-3028 Aug 11 j 23:55	28°♋20'39	0.65490 AU
inferior conj	-3028 Aug 13 j 20:34	26°♋10'19	-2°-49'-44
minimum elong	-3028 Aug 14 j 00:16	25°♋59'28	2°48'27
morning rise	-3028 Aug 19 j 23:53	20°♋28'58	
direct	-3028 Aug 22 j 20:07	19°♋44'23	
asc. node	-3028 Aug 22 j 23:29	19°♋44'29	
morning max el	-3028 Aug 29 j 10:38	23°♋21'33	18°23'51
	-3028 Sep 03 j 18:22	0°♌	
morning set	-3028 Sep 17 j 18:16	22°♌13'33	
	-3028 Sep 22 j 12:58	0°♍	
superior conj	-3028 Oct 02 j 19:13	16°♍24'02	0°06'09
minimum elong	-3028 Oct 02 j 20:01	16°♍27'12	0°06'05
behind sun begin	-3028 Oct 02 j 09:31	15°♍45'41	
behind sun end	-3028 Oct 03 j 06:31	17°♍08'41	
desc. node	-3028 Oct 03 j 18:13	17°♍54'54	
max. Earth dist.	-3028 Oct 04 j 21:31	19°♍42'34	1.44833 AU
	-3028 Oct 11 j 10:39	0°♎	
evening rise	-3028 Oct 19 j 07:44	12°♎21'32	
	-3028 Oct 30 j 15:07	0°♏	
greatest brilliancy	-3028 Nov 02 j 03:51	3°♏50'06	-0.7m
evening max el	-3028 Nov 11 j 17:05	16°♏28'44	19°22'11
retrograde	-3028 Nov 18 j 20:47	20°♏36'31	
asc. node	-3028 Nov 18 j 22:30	20°♏36'29	
evening set	-3028 Nov 22 j 03:43	19°♏33'22	
inferior conj	-3028 Nov 27 j 19:51	13°♏37'27	2°43'48
minimum elong	-3028 Nov 27 j 16:50	13°♏47'07	2°42'50
min. Earth dist.	-3028 Nov 29 j 02:03	12°♏00'30	0.66013 AU
morning rise	-3028 Dec 03 j 05:09	7°♏24'36	
direct	-3028 Dec 09 j 10:52	4°♏41'32	
morning max el	-3028 Dec 21 j 23:35	12°♏04'05	26°06'09
desc. node	-3028 Dec 30 j 17:46	22°♏14'24	
	-3027 Jan 05 j 10:38	0°♐	
	-3027 Jan 24 j 02:45	0°♑	
morning set	-3027 Jan 27 j 03:21	5°♑31'05	
max. Earth dist.	-3027 Jan 31 j 04:19	13°♑11'17	1.35510 AU
superior conj	-3027 Feb 05 j 05:24	23°♑13'13	-1°-26'-56
minimum elong	-3027 Feb 05 j 08:41	23°♑29'58	1°26'38
	-3027 Feb 08 j 12:43	0°♒	
evening rise	-3027 Feb 13 j 01:41	9°♒22'23	
asc. node	-3027 Feb 14 j 21:48	13°♒06'16	
	-3027 Feb 24 j 06:18	0°♓	
evening max el	-3027 Mar 03 j 11:08	9°♓00'00	20°23'58
retrograde	-3027 Mar 14 j 04:25	14°♓06'28	
evening set	-3027 Mar 16 j 10:50	13°♓53'43	
inferior conj	-3027 Mar 25 j 10:07	9°♓55'29	0°54'24
minimum elong	-3027 Mar 25 j 12:31	9°♓51'58	0°53'33
min. Earth dist.	-3027 Mar 27 j 00:26	8°♓59'11	0.55401 AU
desc. node	-3027 Mar 28 j 16:49	8°♓01'54	
morning rise	-3027 Apr 03 j 12:01	5°♓35'24	
direct	-3027 Apr 07 j 02:37	5°♓07'00	
morning max el	-3027 Apr 20 j 14:55	11°♓44'36	23°22'33
	-3027 May 04 j 06:27	0°♈	
morning set	-3027 May 13 j 22:48	18°♈35'52	
asc. node	-3027 May 13 j 21:18	18°♈28'00	
	-3027 May 19 j 07:07	0°♉	
superior conj	-3027 May 21 j 02:35	3°♉53'11	1°09'01
minimum elong	-3027 May 21 j 00:05	3°♉39'45	1°08'40
max. Earth dist.	-3027 May 23 j 09:51	8°♉46'50	1.33738 AU
evening rise	-3027 May 28 j 17:45	19°♉43'28	
	-3027 Jun 03 j 02:18	0°♊	
	-3027 Jun 22 j 01:13	0°♋	
desc. node	-3027 Jun 24 j 15:48	3°♋19'04	
evening max el	-3027 Jul 01 j 14:38	10°♋58'33	27°22'27
retrograde	-3027 Jul 15 j 04:22	18°♋21'58	
evening set	-3027 Jul 22 j 07:08	15°♋38'31	
min. Earth dist.	-3027 Jul 25 j 23:05	12°♋16'59	0.64101 AU
inferior conj	-3027 Jul 28 j 09:31	9°♋41'42	-3°-33'-26
minimum elong	-3027 Jul 28 j 13:32	9°♋31'01	3°32'23
morning rise	-3027 Aug 03 j 21:45	4°♋17'03	
direct	-3027 Aug 06 j 12:56	3°♋41'49	
asc. node	-3027 Aug 09 j 20:34	4°♋37'41	
morning max el	-3027 Aug 13 j 01:26	7°♋08'36	18°00'54
	-3027 Aug 28 j 05:28	0°♌	
morning set	-3027 Aug 30 j 09:07	3°♌41'08	
superior conj	-3027 Sep 12 j 09:27	25°♌28'47	0°51'24
minimum elong	-3027 Sep 12 j 14:37	25°♌49'50	0°50'48
	-3027 Sep 15 j 04:29	0°♍	
max. Earth dist.	-3027 Sep 17 j 14:27	3°♍52'03	1.44206 AU
desc. node	-3027 Sep 20 j 15:12	8°♍40'19	
evening rise	-3027 Sep 28 j 17:41	21°♍18'33	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3027 Oct	04 j 09:38	0°♎	
greatest brilliancy	-3027 Oct	19 j 07:57	21°♎56'12	-0.6m
	-3027 Oct	25 j 22:51	0°♏	
evening max el	-3027 Oct	25 j 21:07	29°♎55'33	20°19'30
retrograde	-3027 Nov	02 j 18:08	4°♏33'39	
asc. node	-3027 Nov	05 j 19:34	3°♏39'31	
evening set	-3027 Nov	06 j 10:03	3°♏15'52	
	-3027 Nov	09 j 17:18	30°℞♎	
inferior conj	-3027 Nov	11 j 22:07	27°♎08'22	1°59'21
minimum elong	-3027 Nov	11 j 19:38	27°♎16'41	1°58'25
min. Earth dist.	-3027 Nov	12 j 15:56	26°♎08'22	0.66829 AU
morning rise	-3027 Nov	17 j 04:40	20°♎52'07	
direct	-3027 Nov	22 j 19:43	18°♎25'08	
morning max el	-3027 Dec	04 j 08:13	25°♎16'54	24°47'51
	-3027 Dec	08 j 15:32	0°♏	
desc. node	-3027 Dec	17 j 14:46	11°♏34'41	
	-3027 Dec	29 j 23:04	0°♐	
morning set	-3026 Jan	09 j 09:27	17°♐29'53	
max. Earth dist.	-3026 Jan	13 j 03:27	24°♐15'10	1.37312 AU
	-3026 Jan	16 j 05:27	0°♑	
superior conj	-3026 Jan	19 j 16:17	6°♑37'57	-1°-44'-33
minimum elong	-3026 Jan	19 j 19:16	6°♑52'30	1°44'26
evening rise	-3026 Jan	28 j 03:35	23°♑29'36	
	-3026 Jan	31 j 10:54	0°♒	
asc. node	-3026 Feb	01 j 18:48	2°♒32'18	
evening max el	-3026 Feb	14 j 03:05	20°♒53'09	19°20'26
retrograde	-3026 Feb	23 j 04:43	25°♒12'29	
evening set	-3026 Feb	25 j 11:57	24°♒57'02	
inferior conj	-3026 Mar	05 j 18:57	20°♒48'37	2°31'12
minimum elong	-3026 Mar	05 j 23:48	20°♒40'32	2°29'50
min. Earth dist.	-3026 Mar	08 j 15:28	18°♒55'30	0.56537 AU
morning rise	-3026 Mar	14 j 07:50	15°♒58'05	
desc. node	-3026 Mar	15 j 13:53	15°♒34'26	
direct	-3026 Mar	19 j 02:33	15°♒05'34	
morning max el	-3026 Apr	02 j 05:53	22°♒18'22	25°00'48
	-3026 Apr	09 j 00:29	0°♓	
	-3026 Apr	26 j 17:06	0°♈	
morning set	-3026 Apr	28 j 10:57	3°♈37'16	
asc. node	-3026 Apr	30 j 18:18	8°♈31'31	
superior conj	-3026 May	05 j 12:12	18°♈49'28	0°47'53
minimum elong	-3026 May	05 j 10:15	18°♈38'52	0°47'32
max. Earth dist.	-3026 May	06 j 17:34	21°♈28'40	1.32990 AU
	-3026 May	10 j 17:25	0°♉	
evening rise	-3026 May	12 j 18:27	4°♉13'45	
	-3026 May	26 j 19:49	0°♊	
desc. node	-3026 Jun	11 j 12:52	21°♊17'26	
evening max el	-3026 Jun	13 j 23:06	23°♊44'39	27°20'00
	-3026 Jun	22 j 18:30	0°♋	
retrograde	-3026 Jun	27 j 19:35	1°♋06'47	
	-3026 Jul	02 j 14:53	30°℞♊	
evening set	-3026 Jul	04 j 22:23	28°♊40'18	
min. Earth dist.	-3026 Jul	08 j 12:27	25°♊46'16	0.62363 AU
inferior conj	-3026 Jul	11 j 11:48	22°♊57'20	-4°-7'-10
minimum elong	-3026 Jul	11 j 15:02	22°♊49'38	4°06'37
morning rise	-3026 Jul	18 j 10:09	17°♊52'10	
direct	-3026 Jul	20 j 22:35	17°♊23'40	
morning max el	-3026 Jul	27 j 16:09	20°♊48'42	17°56'05
asc. node	-3026 Jul	27 j 17:37	20°♊52'19	
	-3026 Aug	03 j 14:04	0°♋	
morning set	-3026 Aug	12 j 21:44	16°♋10'59	
	-3026 Aug	20 j 16:32	0°♌	
superior conj	-3026 Aug	24 j 02:11	5°♌51'56	1°24'01
minimum elong	-3026 Aug	24 j 07:20	6°♌13'54	1°23'37
max. Earth dist.	-3026 Aug	31 j 03:28	17°♌37'47	1.42949 AU
evening rise	-3026 Sep	07 j 23:07	0°♍06'22	
desc. node	-3026 Sep	07 j 12:11	29°♌23'37	
	-3026 Sep	07 j 21:29	0°♍	
	-3026 Sep	28 j 01:48	0°♎	
greatest brilliancy	-3026 Oct	03 j 17:48	7°♎32'17	-0.4m
evening max el	-3026 Oct	08 j 19:11	13°♎21'58	21°29'16
retrograde	-3026 Oct	17 j 14:45	18°♎35'52	
evening set	-3026 Oct	21 j 17:54	17°♎00'56	
asc. node	-3026 Oct	23 j 16:39	15°♎10'36	
inferior conj	-3026 Oct	27 j 03:30	10°♎45'16	1°10'01
minimum elong	-3026 Oct	27 j 01:57	10°♎50'39	1°09'21
min. Earth dist.	-3026 Oct	27 j 10:14	10°♎22'05	0.67313 AU
morning rise	-3026 Nov	01 j 09:40	4°♎28'29	
direct	-3026 Nov	06 j 09:22	2°♎22'18	
morning max el	-3026 Nov	16 j 17:22	8°♎32'12	23°21'34
greatest brilliancy	-3026 Nov	22 j 05:19	14°♎45'03	-0.2m
	-3026 Dec	03 j 12:27	0°♏	
desc. node	-3026 Dec	04 j 11:45	1°♏24'29	
morning set	-3026 Dec	21 j 14:26	28°♏11'15	
	-3026 Dec	22 j 16:15	0°♐	
max. Earth dist.	-3026 Dec	25 j 22:42	5°♐36'40	1.39371 AU
superior conj	-3025 Jan	02 j 12:58	19°♐16'43	-1°-55'-6
minimum elong	-3025 Jan	02 j 14:20	19°♐23'05	1°55'10
	-3025 Jan	08 j 04:52	0°♑	
evening rise	-3025 Jan	11 j 21:31	7°♑07'43	
asc. node	-3025 Jan	19 j 15:49	21°♑32'02	
	-3025 Jan	25 j 05:32	0°♒	
evening max el	-3025 Jan	28 j 04:22	3°♒19'39	18°36'35
retrograde	-3025 Feb	04 j 22:59	7°♒06'39	
evening set	-3025 Feb	07 j 09:38	6°♒45'35	
inferior conj	-3025 Feb	14 j 23:32	2°♒17'57	3°31'48
minimum elong	-3025 Feb	15 j 03:11	2°♒10'53	3°31'07
	-3025 Feb	17 j 23:14	30°℞♑	
min. Earth dist.	-3025 Feb	18 j 08:37	29°♑42'40	0.58286 AU
morning rise	-3025 Feb	22 j 17:02	26°♑59'52	
direct	-3025 Feb	28 j 15:38	25°♑31'21	
desc. node	-3025 Mar	02 j 10:57	25°♑39'29	
	-3025 Mar	11 j 11:00	0°♒	
morning max el	-3025 Mar	14 j 22:21	3°♒02'49	26°25'16
	-3025 Apr	03 j 07:54	0°♓	
morning set	-3025 Apr	12 j 22:11	18°♓36'13	
asc. node	-3025 Apr	17 j 15:18	28°♓42'24	
	-3025 Apr	18 j 05:31	0°♈	
superior conj	-3025 Apr	19 j 23:41	3°♈50'44	0°24'27
minimum elong	-3025 Apr	19 j 22:37	3°♈44'54	0°24'14
max. Earth dist.	-3025 Apr	20 j 06:00	4°♈25'24	1.32592 AU
evening rise	-3025 Apr	27 j 01:00	19°♈01'24	
	-3025 May	02 j 12:47	0°♉	
	-3025 May	21 j 16:22	0°♊	
evening max el	-3025 May	27 j 02:38	5°♊52'44	26°44'35
desc. node	-3025 May	29 j 09:55	7°♊56'25	
retrograde	-3025 Jun	10 j 03:04	13°♊11'19	
evening set	-3025 Jun	16 j 19:24	11°♊15'12	
min. Earth dist.	-3025 Jun	20 j 16:07	8°♊34'40	0.60381 AU
inferior conj	-3025 Jun	23 j 23:58	5°♊49'20	-4°-24'-38
minimum elong	-3025 Jun	24 j 00:56	5°♊47'19	4°24'32
morning rise	-3025 Jul	01 j 09:40	1°♊05'57	
direct	-3025 Jul	03 j 21:14	0°♊42'20	
morning max el	-3025 Jul	11 j 04:02	4°♊15'16	18°10'22
asc. node	-3025 Jul	14 j 14:40	8°♊13'20	
morning set	-3025 Jul	27 j 02:39	29°♊29'02	
	-3025 Jul	27 j 09:15	0°♋	
superior conj	-3025 Aug	05 j 21:26	17°♋34'23	1°42'28
minimum elong	-3025 Aug	06 j 00:15	17°♋47'04	1°42'25

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3025 Aug 13 j 00:09	0°♌		
max. Earth dist.	-3025 Aug 13 j 11:13	0°♌46'52	1.41231 AU	
evening rise	-3025 Aug 18 j 19:18	9°♌36'51		
desc. node	-3025 Aug 25 j 09:12	20°♌01'32		
	-3025 Aug 31 j 23:43	0°♍		
greatest brilliancy	-3025 Sep 16 j 13:42	21°♍18'49	-0.3m	
evening max el	-3025 Sep 21 j 11:34	26°♍48'48	22°47'16	
	-3025 Sep 25 j 01:00	0°♎		
retrograde	-3025 Oct 01 j 09:07	2°♎41'03		
evening set	-3025 Oct 06 j 01:34	0°♎47'02		
	-3025 Oct 06 j 22:30	30°℞♍		
asc. node	-3025 Oct 10 j 13:44	25°♍37'05		
inferior conj	-3025 Oct 11 j 10:12	24°♍26'42	0°17'35	
minimum elong	-3025 Oct 11 j 09:47	24°♍28'08	0°17'25	
min. Earth dist.	-3025 Oct 11 j 06:33	24°♍39'18	0.67485 AU	
morning rise	-3025 Oct 16 j 17:58	18°♍12'11		
direct	-3025 Oct 21 j 02:56	16°♍28'07		
morning max el	-3025 Oct 30 j 06:23	21°♍52'58	21°56'25	
greatest brilliancy	-3025 Nov 04 j 02:21	27°♍22'28	-0.4m	
	-3025 Nov 06 j 04:04	0°♎		
desc. node	-3025 Nov 21 j 08:45	21°♎35'31		
	-3025 Nov 26 j 20:38	0°♏		
morning set	-3025 Dec 01 j 14:33	7°♏29'01		
max. Earth dist.	-3025 Dec 07 j 22:12	17°♏47'54	1.41415 AU	
	-3025 Dec 15 j 01:26	0°♐		
superior conj	-3025 Dec 15 j 14:15	0°♐56'17	-1°-55'-2	
minimum elong	-3025 Dec 15 j 12:24	0°♐48'10	1°55'05	
evening rise	-3025 Dec 26 j 04:17	20°♐09'39		
	-3025 Dec 31 j 13:18	0°♑		
asc. node	-3024 Jan 06 j 12:52	9°♑56'57		
evening max el	-3024 Jan 11 j 12:17	16°♑11'26	18°12'45	
retrograde	-3024 Jan 18 j 11:27	19°♑42'04		
evening set	-3024 Jan 21 j 01:10	19°♑14'08		
inferior conj	-3024 Jan 28 j 00:20	14°♑24'24	3°57'42	
minimum elong	-3024 Jan 28 j 01:19	14°♑22'10	3°57'34	
min. Earth dist.	-3024 Jan 31 j 06:57	11°♑29'24	0.60303 AU	
morning rise	-3024 Feb 03 j 22:36	8°♑45'52		
direct	-3024 Feb 10 j 16:02	6°♑39'35		
desc. node	-3024 Feb 17 j 08:01	8°♑32'20		
morning max el	-3024 Feb 24 j 20:36	14°♑20'39	27°22'12	
	-3024 Mar 08 j 11:29	0°♒		
	-3024 Mar 25 j 14:34	0°♓		
morning set	-3024 Mar 27 j 06:41	3°♓25'15		
superior conj	-3024 Apr 03 j 11:16	18°♓49'56	0°00'-26	
minimum elong	-3024 Apr 03 j 11:18	18°♓50'04	0°00'28	
behind sun begin	-3024 Apr 03 j 06:17	18°♓22'38		
behind sun end	-3024 Apr 03 j 16:19	19°♓17'31		
max. Earth dist.	-3024 Apr 02 j 19:18	17°♓22'38	1.32534 AU	
asc. node	-3024 Apr 03 j 12:18	18°♓55'36		
	-3024 Apr 08 j 14:24	0°♈		
evening rise	-3024 Apr 10 j 11:02	3°♈57'07		
	-3024 Apr 24 j 11:42	0°♉		
evening max el	-3024 May 07 j 23:33	17°♉16'53	25°38'48	
desc. node	-3024 May 15 j 07:00	22°♉43'16		
retrograde	-3024 May 22 j 01:14	24°♉29'48		
evening set	-3024 May 27 j 18:44	23°♉11'46		
min. Earth dist.	-3024 Jun 01 j 11:47	20°♉27'31	0.58351 AU	
inferior conj	-3024 Jun 04 j 18:22	18°♉06'51	-4°-16'-41	
minimum elong	-3024 Jun 04 j 15:41	18°♉11'42	4°16'23	
morning rise	-3024 Jun 12 j 16:33	13°♉45'50		
direct	-3024 Jun 15 j 04:18	13°♉26'03		
morning max el	-3024 Jun 23 j 10:11	17°♉19'13	18°44'44	
asc. node	-3024 Jun 30 j 11:45	26°♉25'33		
	-3024 Jul 02 j 15:17	0°♊		
morning set	-3024 Jul 09 j 19:19	13°♊22'49		
	-3024 Jul 18 j 09:24	0°♋		
superior conj	-3024 Jul 18 j 13:53	0°♋21'13	1°48'46	
minimum elong	-3024 Jul 18 j 14:13	0°♋22'47	1°48'51	
max. Earth dist.	-3024 Jul 25 j 14:14	13°♋12'10	1.39278 AU	
evening rise	-3024 Jul 29 j 16:25	20°♋18'29		
	-3024 Aug 04 j 12:53	0°♌		
desc. node	-3024 Aug 11 j 06:13	10°♌29'34		
	-3024 Aug 25 j 02:54	0°♍		
evening max el	-3024 Sep 02 j 23:53	10°♍17'20	24°07'52	
retrograde	-3024 Sep 14 j 00:11	16°♍45'52		
evening set	-3024 Sep 19 j 07:17	14°♍32'25		
min. Earth dist.	-3024 Sep 24 j 02:27	8°♍58'21	0.67346 AU	
inferior conj	-3024 Sep 24 j 16:28	8°♍10'56	0°-36'-17	
minimum elong	-3024 Sep 24 j 17:20	8°♍08'01	0°35'54	
asc. node	-3024 Sep 26 j 10:50	5°♍50'47		
morning rise	-3024 Sep 30 j 03:37	2°♍01'39		
direct	-3024 Oct 03 j 23:25	0°♍38'17		
morning max el	-3024 Oct 12 j 02:04	5°♍22'34	20°39'15	
greatest brilliancy	-3024 Oct 18 j 05:23	12°♍40'55	-0.5m	
	-3024 Oct 30 j 07:54	0°♎		
desc. node	-3024 Nov 07 j 05:46	12°♎01'30		
morning set	-3024 Nov 09 j 16:20	15°♎48'01		
	-3024 Nov 18 j 15:52	0°♏		
max. Earth dist.	-3024 Nov 19 j 05:05	0°♏53'20	1.43145 AU	
superior conj	-3024 Nov 25 j 14:33	11°♏23'26	-1°-40'-23	
minimum elong	-3024 Nov 25 j 08:44	10°♏59'12	1°40'03	
	-3024 Dec 06 j 10:29	0°♐		
evening rise	-3024 Dec 07 j 19:57	2°♐27'21		
asc. node	-3024 Dec 23 j 09:56	27°♐36'38		
evening max el	-3024 Dec 24 j 23:58	29°♐20'54	18°08'36	
	-3024 Dec 25 j 16:15	0°♑		
retrograde	-3024 Dec 31 j 14:02	2°♑48'40		
evening set	-3023 Jan 03 j 06:54	2°♑12'58		
	-3023 Jan 06 j 15:47	30°℞♐		
inferior conj	-3023 Jan 09 j 18:18	27°♐01'50	3°57'09	
minimum elong	-3023 Jan 09 j 16:59	27°♐05'10	3°56'59	
min. Earth dist.	-3023 Jan 12 j 13:42	24°♐10'20	0.62277 AU	
morning rise	-3023 Jan 16 j 01:00	21°♐09'06		
direct	-3023 Jan 23 j 01:54	18°♐33'53		
desc. node	-3023 Feb 03 j 05:05	23°♐44'23		
morning max el	-3023 Feb 06 j 01:08	26°♐20'05	27°43'44	
	-3023 Feb 09 j 12:06	0°♑		
	-3023 Mar 01 j 23:28	0°♒		
morning set	-3023 Mar 11 j 10:23	17°♒57'08		
max. Earth dist.	-3023 Mar 17 j 05:29	0°♓06'00	1.32834 AU	
	-3023 Mar 17 j 04:22	0°♓		
superior conj	-3023 Mar 18 j 21:24	3°♓41'28	0°-25'-56	
minimum elong	-3023 Mar 18 j 22:35	3°♓47'52	0°25'45	
asc. node	-3023 Mar 21 j 09:21	9°♓07'00		
evening rise	-3023 Mar 25 j 22:39	18°♓54'03		
	-3023 Mar 31 j 10:20	0°♈		
evening max el	-3023 Apr 19 j 15:34	28°♈07'10	24°11'48	
	-3023 Apr 21 j 17:54	0°♉		
desc. node	-3023 May 02 j 04:03	5°♉01'15		
retrograde	-3023 May 03 j 12:11	5°♉05'22		
evening set	-3023 May 07 j 21:31	4°♉22'17		
min. Earth dist.	-3023 May 14 j 03:09	1°♉19'03	0.56582 AU	
	-3023 May 16 j 05:43	30°℞♈		
inferior conj	-3023 May 16 j 16:39	29°♈42'45	-3°-32'-29	
minimum elong	-3023 May 16 j 10:46	29°♈52'01	3°31'12	
morning rise	-3023 May 25 j 04:02	25°♈39'49		
direct	-3023 May 27 j 16:16	25°♈23'02		
	-3023 Jun 06 j 11:32	0°♉		
morning max el	-3023 Jun 06 j 07:51	29°♈51'23	19°39'39	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3023 Jun 17 j 08:49	15°♉17'05		
morning set	-3023 Jun 23 j 20:19	27°♉43'40		
	-3023 Jun 24 j 23:26	0°♊		
superior conj	-3023 Jul 01 j 21:58	13°♊56'42	1°45'35	
minimum elong	-3023 Jul 01 j 20:31	13°♊49'31	1°45'36	
max. Earth dist.	-3023 Jul 07 j 16:44	25°♊04'42	1.37356 AU	
	-3023 Jul 10 j 08:49	0°♋		
evening rise	-3023 Jul 11 j 14:31	2°♋13'55		
	-3023 Jul 28 j 15:41	0°♌		
desc. node	-3023 Jul 29 j 03:15	0°♌42'28		
evening max el	-3023 Aug 16 j 10:39	23°♌48'37	25°23'51	
	-3023 Aug 24 j 21:30	0°♍		
retrograde	-3023 Aug 28 j 11:05	0°♍45'40		
	-3023 Aug 31 j 18:26	30°℞♌		
evening set	-3023 Sep 03 j 09:11	28°♌14'55		
min. Earth dist.	-3023 Sep 07 j 19:35	23°♌17'01	0.66893 AU	
inferior conj	-3023 Sep 08 j 20:33	21°♌55'54	-1°-30'-1	
minimum elong	-3023 Sep 08 j 22:41	21°♌48'58	1°29'06	
asc. node	-3023 Sep 13 j 07:58	16°♌49'24		
morning rise	-3023 Sep 14 j 12:45	15°♌54'47		
direct	-3023 Sep 17 j 21:29	14°♌49'12		
morning max el	-3023 Sep 25 j 05:05	19°♌00'47	19°34'29	
	-3023 Oct 03 j 19:32	0°♍		
greatest brilliancy	-3023 Oct 03 j 23:15	0°♍13'23	-0.7m	
morning set	-3023 Oct 19 j 16:20	24°♍08'54		
	-3023 Oct 23 j 10:31	0°♎		
desc. node	-3023 Oct 25 j 02:46	2°♎37'11		
max. Earth dist.	-3023 Nov 01 j 18:10	14°♎38'38	1.44342 AU	
superior conj	-3023 Nov 05 j 11:27	20°♎34'20	-1°-8'-34	
minimum elong	-3023 Nov 05 j 04:15	20°♎05'30	1°07'49	
	-3023 Nov 11 j 07:20	0°♏		
evening rise	-3023 Nov 19 j 15:47	13°♏50'25		
	-3023 Nov 29 j 08:54	0°♐		
evening max el	-3023 Dec 08 j 12:34	12°♐40'30	18°23'24	
asc. node	-3023 Dec 10 j 07:01	14°♐17'07		
retrograde	-3023 Dec 15 j 02:10	16°♐16'21		
evening set	-3023 Dec 17 j 23:09	15°♐31'35		
inferior conj	-3023 Dec 24 j 01:23	10°♐01'04	3°38'06	
minimum elong	-3023 Dec 23 j 22:45	10°♐08'35	3°37'34	
min. Earth dist.	-3023 Dec 26 j 06:15	7°♐31'03	0.64006 AU	
morning rise	-3023 Dec 29 j 20:54	3°♐58'26		
direct	-3022 Jan 05 j 19:31	1°♐08'54		
morning max el	-3022 Jan 19 j 09:30	8°♐53'58	27°29'15	
desc. node	-3022 Jan 21 j 02:09	10°♐38'31		
	-3022 Feb 04 j 21:28	0°♑		
	-3022 Feb 22 j 05:39	0°♒		
morning set	-3022 Feb 23 j 06:36	2°♒02'18		
max. Earth dist.	-3022 Feb 28 j 08:26	12°♒21'24	1.33526 AU	
superior conj	-3022 Mar 03 j 04:11	18°♒18'36	0°-51'-5	
minimum elong	-3022 Mar 03 j 06:27	18°♒30'41	0°50'45	
asc. node	-3022 Mar 08 j 06:22	29°♒12'05		
	-3022 Mar 08 j 15:22	0°♓		
evening rise	-3022 Mar 10 j 10:01	3°♓45'17		
	-3022 Mar 24 j 23:11	0°♈		
evening max el	-3022 Apr 01 j 08:15	8°♈48'21	22°37'23	
retrograde	-3022 Apr 14 j 10:29	15°♈13'32		
evening set	-3022 Apr 17 j 13:25	14°♈52'10		
desc. node	-3022 Apr 19 j 01:07	14°♈27'51		
min. Earth dist.	-3022 Apr 25 j 17:16	11°♈18'13	0.55421 AU	
inferior conj	-3022 Apr 26 j 20:50	10°♈38'48	-2°-6'-46	
minimum elong	-3022 Apr 26 j 15:29	10°♈46'28	2°05'06	
morning rise	-3022 May 05 j 19:51	6°♈42'35		
direct	-3022 May 08 j 11:14	6°♈26'23		
morning max el	-3022 May 19 j 18:56	11°♈43'42	20°54'28	
	-3022 Jun 01 j 18:48	0°♉		
asc. node	-3022 Jun 04 j 05:52	4°♉38'18		
morning set	-3022 Jun 08 j 03:04	12°♉24'40		
superior conj	-3022 Jun 15 j 17:09	28°♉07'41	1°35'19	
minimum elong	-3022 Jun 15 j 14:45	27°♉55'20	1°35'10	
	-3022 Jun 16 j 15:07	0°♊		
max. Earth dist.	-3022 Jun 20 j 01:21	6°♊52'36	1.35674 AU	
evening rise	-3022 Jun 24 j 08:57	15°♊11'23		
	-3022 Jul 02 j 16:30	0°♋		
desc. node	-3022 Jul 16 j 00:15	20°♋33'27		
	-3022 Jul 23 j 05:26	0°♌		
evening max el	-3022 Jul 29 j 21:53	7°♌21'07	26°27'08	
retrograde	-3022 Aug 11 j 17:08	14°♌35'17		
evening set	-3022 Aug 18 j 05:10	11°♌52'26		
min. Earth dist.	-3022 Aug 22 j 07:33	7°♌32'40	0.66103 AU	
inferior conj	-3022 Aug 23 j 20:34	5°♌39'33	-2°-21'-44	
minimum elong	-3022 Aug 23 j 23:48	5°♌29'38	2°20'30	
morning rise	-3022 Aug 29 j 19:23	29°♋49'48		
	-3022 Aug 29 j 12:29	30°℞♋		
asc. node	-3022 Aug 31 j 05:03	29°♋13'05		
direct	-3022 Sep 01 j 19:29	28°♋58'29		
	-3022 Sep 05 j 04:52	0°♌		
morning max el	-3022 Sep 08 j 14:22	2°♌45'56	18°44'51	
	-3022 Sep 27 j 07:10	0°♍		
morning set	-3022 Sep 29 j 12:24	3°♍32'32		
desc. node	-3022 Oct 11 j 23:46	23°♍19'17		
superior conj	-3022 Oct 15 j 13:16	28°♍56'02	0°-22'-38	
minimum elong	-3022 Oct 15 j 10:17	28°♍44'17	0°22'15	
max. Earth dist.	-3022 Oct 15 j 11:21	28°♍48'28	1.44866 AU	
	-3022 Oct 16 j 05:31	0°♎		
evening rise	-3022 Oct 31 j 11:47	24°♎11'57		
	-3022 Nov 04 j 02:38	0°♏		
evening max el	-3022 Nov 21 j 23:34	26°♏05'33	18°56'01	
asc. node	-3022 Nov 27 j 04:05	29°♏43'27		
retrograde	-3022 Nov 28 j 20:04	29°♏58'55		
evening set	-3022 Dec 01 j 22:52	29°♏03'06		
inferior conj	-3022 Dec 07 j 18:08	23°♏15'46	3°06'18	
minimum elong	-3022 Dec 07 j 15:04	23°♏25'17	3°05'26	
min. Earth dist.	-3022 Dec 09 j 08:18	21°♏17'56	0.65391 AU	
morning rise	-3022 Dec 13 j 06:15	17°♏06'08		
direct	-3022 Dec 19 j 19:34	14°♏17'08		
morning max el	-3021 Jan 01 j 19:01	21°♏50'59	26°43'30	
desc. node	-3021 Jan 07 j 23:13	28°♏45'18		
	-3021 Jan 08 j 23:21	0°♐		
	-3021 Jan 29 j 01:59	0°♑		
morning set	-3021 Feb 06 j 15:52	15°♑29'43		
max. Earth dist.	-3021 Feb 11 j 00:49	24°♑01'47	1.34657 AU	
	-3021 Feb 13 j 23:31	0°♒		
superior conj	-3021 Feb 15 j 05:29	2°♒34'33	-1°-14'-41	
minimum elong	-3021 Feb 15 j 08:34	2°♒50'29	1°14'19	
evening rise	-3021 Feb 22 j 19:20	18°♒24'48		
asc. node	-3021 Feb 23 j 03:23	19°♒06'23		
	-3021 Feb 28 j 15:19	0°♓		
evening max el	-3021 Mar 14 j 07:49	19°♓47'19	21°08'41	
retrograde	-3021 Mar 26 j 00:03	25°♓23'17		
evening set	-3021 Mar 28 j 10:03	25°♓09'47		
desc. node	-3021 Apr 05 j 22:13	21°♓36'28		
inferior conj	-3021 Apr 06 j 15:57	21°♓11'25	0°-12'-24	
minimum elong	-3021 Apr 06 j 15:22	21°♓12'15	0°12'14	
transit middle	-3021 Apr 06 j 15:22	21°♓12'15	0°12'14	
transit begin	-3021 Apr 06 j 12:46	21°♓15'56		
transit end	-3021 Apr 06 j 17:59	21°♓08'34		
min. Earth dist.	-3021 Apr 07 j 07:08	20°♓49'57	0.55139 AU	
morning rise	-3021 Apr 15 j 20:04	17°♓05'08		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3021 Apr 18 j 23:07	16°♓43'49	
morning max el	-3021 May 01 j 19:15	22°♓54'02	22°25'39
	-3021 May 08 j 00:32	0°♈	
asc. node	-3021 May 22 j 02:53	24°♈20'50	
morning set	-3021 May 23 j 13:20	27°♈18'38	
	-3021 May 24 j 20:09	0°♉	
superior conj	-3021 May 30 j 19:55	12°♉42'46	1°19'47
minimum elong	-3021 May 30 j 17:16	12°♉28'49	1°19'29
max. Earth dist.	-3021 Jun 02 j 19:49	18°♉58'40	1.34341 AU
evening rise	-3021 Jun 07 j 18:22	28°♉54'57	
	-3021 Jun 08 j 07:44	0°♊	
	-3021 Jun 25 j 19:55	0°♋	
desc. node	-3021 Jul 02 j 21:17	9°♋52'22	
evening max el	-3021 Jul 12 j 09:31	20°♋45'37	27°09'54
retrograde	-3021 Jul 25 j 17:41	28°♋06'47	
evening set	-3021 Aug 01 j 16:39	25°♋20'26	
min. Earth dist.	-3021 Aug 05 j 11:57	21°♋38'40	0.64946 AU
inferior conj	-3021 Aug 07 j 14:17	19°♋17'05	-3°-9'-11
minimum elong	-3021 Aug 07 j 18:14	19°♋05'59	3°07'59
morning rise	-3021 Aug 13 j 21:13	13°♋42'09	
direct	-3021 Aug 16 j 15:04	13°♋01'47	
asc. node	-3021 Aug 18 j 02:07	13°♋13'12	
morning max el	-3021 Aug 23 j 03:49	16°♋33'29	18°11'52
	-3021 Sep 01 j 20:46	0°♌	
morning set	-3021 Sep 10 j 12:14	14°♌17'21	
	-3021 Sep 20 j 01:29	0°♍	
superior conj	-3021 Sep 24 j 16:41	7°♍27'03	0°26'33
minimum elong	-3021 Sep 24 j 19:52	7°♍39'47	0°26'09
max. Earth dist.	-3021 Sep 28 j 05:44	13°♍04'57	1.44657 AU
desc. node	-3021 Sep 28 j 20:44	14°♍04'15	
	-3021 Oct 09 j 00:52	0°♎	
evening rise	-3021 Oct 11 j 07:56	3°♎34'00	
greatest brilliancy	-3021 Oct 28 j 08:20	29°♎26'35	-0.6m
	-3021 Oct 28 j 17:43	0°♏	
evening max el	-3021 Nov 05 j 06:41	9°♏32'22	19°44'56
retrograde	-3021 Nov 12 j 16:50	13°♏51'45	
asc. node	-3021 Nov 14 j 01:08	13°♏41'17	
evening set	-3021 Nov 16 j 03:25	12°♏42'33	
inferior conj	-3021 Nov 21 j 17:37	6°♏41'23	2°25'41
minimum elong	-3021 Nov 21 j 14:46	6°♏50'41	2°24'40
min. Earth dist.	-3021 Nov 22 j 18:20	5°♏20'15	0.66405 AU
morning rise	-3021 Nov 27 j 01:28	0°♏27'04	
	-3021 Nov 27 j 14:12	30°℞♎	
direct	-3021 Dec 03 j 01:13	27°♎50'04	
	-3021 Dec 09 j 05:15	0°♏	
morning max el	-3021 Dec 15 j 04:04	5°♏00'21	25°34'31
desc. node	-3021 Dec 25 j 20:15	17°♏43'19	
	-3020 Jan 03 j 11:05	0°♐	
morning set	-3020 Jan 20 j 09:33	28°♐05'36	
	-3020 Jan 21 j 10:33	0°♑	
max. Earth dist.	-3020 Jan 24 j 05:45	5°♑13'53	1.36232 AU
superior conj	-3020 Jan 29 j 22:38	16°♑21'10	-1°-35'-5
minimum elong	-3020 Jan 30 j 01:56	16°♑37'37	1°34'50
	-3020 Feb 05 j 15:54	0°♒	
evening rise	-3020 Feb 07 j 00:37	2°♒46'21	
asc. node	-3020 Feb 10 j 00:23	8°♒44'56	
	-3020 Feb 23 j 10:07	0°♓	
evening max el	-3020 Feb 24 j 17:40	1°♓19'55	19°54'38
retrograde	-3020 Mar 05 j 17:12	6°♓04'50	
evening set	-3020 Mar 07 j 23:30	5°♓51'17	
inferior conj	-3020 Mar 16 j 16:16	1°♓50'03	1°39'20
minimum elong	-3020 Mar 16 j 20:13	1°♓43'58	1°38'03
min. Earth dist.	-3020 Mar 18 j 21:16	0°♓28'51	0.55791 AU
	-3020 Mar 19 j 16:44	30°℞♒	
desc. node	-3020 Mar 22 j 19:18	28°♒21'25	
morning rise	-3020 Mar 25 j 13:56	27°♒17'54	
direct	-3020 Mar 29 j 15:54	26°♒41'06	
	-3020 Apr 08 j 03:12	0°♓	
morning max el	-3020 Apr 12 j 12:03	3°♓34'58	24°05'01
	-3020 Apr 30 j 21:17	0°♈	
morning set	-3020 May 07 j 01:19	12°♈19'51	
asc. node	-3020 May 07 j 23:53	14°♈18'47	
superior conj	-3020 May 14 j 03:40	27°♈33'55	1°00'23
minimum elong	-3020 May 14 j 01:21	27°♈21'24	1°00'02
	-3020 May 15 j 06:50	0°♉	
max. Earth dist.	-3020 May 15 j 23:38	1°♉29'54	1.33384 AU
evening rise	-3020 May 21 j 14:32	13°♉11'48	
	-3020 May 30 j 11:55	0°♊	
desc. node	-3020 Jun 18 j 18:18	28°♊25'34	
	-3020 Jun 20 j 03:24	0°♋	
evening max el	-3020 Jun 23 j 19:46	3°♋49'24	27°25'14
retrograde	-3020 Jul 07 j 12:19	11°♋11'48	
evening set	-3020 Jul 14 j 16:25	8°♋33'50	
min. Earth dist.	-3020 Jul 18 j 06:55	5°♋25'29	0.63412 AU
inferior conj	-3020 Jul 20 j 23:06	2°♋42'52	-3°-49'-14
minimum elong	-3020 Jul 21 j 02:56	2°♋33'06	3°48'23
	-3020 Jul 23 j 18:47	30°℞♊	
morning rise	-3020 Jul 27 j 15:29	27°♊26'10	
direct	-3020 Jul 30 j 05:22	26°♊53'56	
asc. node	-3020 Aug 03 j 23:11	28°♊43'04	
	-3020 Aug 05 j 11:17	0°♋	
morning max el	-3020 Aug 05 j 18:53	0°♋18'28	17°56'33
morning set	-3020 Aug 22 j 13:01	26°♋13'31	
	-3020 Aug 24 j 16:58	0°♌	
superior conj	-3020 Sep 03 j 17:30	17°♌03'13	1°07'01
minimum elong	-3020 Sep 03 j 23:07	17°♌26'31	1°06'27
max. Earth dist.	-3020 Sep 09 j 21:48	27°♌08'16	1.43746 AU
	-3020 Sep 11 j 16:42	0°♍	
desc. node	-3020 Sep 14 j 17:43	4°♍49'08	
evening rise	-3020 Sep 19 j 13:34	12°♍20'57	
	-3020 Oct 01 j 04:51	0°♎	
greatest brilliancy	-3020 Oct 12 j 13:07	16°♎05'41	-0.5m
evening max el	-3020 Oct 18 j 08:11	22°♎58'43	20°47'53
retrograde	-3020 Oct 26 j 14:06	27°♎51'29	
evening set	-3020 Oct 30 j 10:38	26°♎26'26	
asc. node	-3020 Oct 30 j 22:12	26°♎03'42	
inferior conj	-3020 Nov 04 j 21:26	20°♎14'50	1°38'54
minimum elong	-3020 Nov 04 j 19:18	20°♎22'04	1°38'02
min. Earth dist.	-3020 Nov 05 j 10:18	19°♎30'57	0.67072 AU
morning rise	-3020 Nov 10 j 03:34	13°♎58'11	
direct	-3020 Nov 15 j 11:59	11°♎40'00	
morning max el	-3020 Nov 26 j 12:44	18°♎14'39	24°11'40
	-3020 Dec 06 j 10:01	0°♏	
desc. node	-3020 Dec 11 j 17:16	7°♏17'18	
	-3020 Dec 26 j 13:27	0°♐	
morning set	-3019 Jan 01 j 05:40	9°♐33'02	
max. Earth dist.	-3019 Jan 05 j 02:39	16°♐22'23	1.38167 AU
superior conj	-3019 Jan 12 j 04:01	29°♐27'31	-1°-50'-5
minimum elong	-3019 Jan 12 j 06:30	29°♐39'25	1°50'03
	-3019 Jan 12 j 10:48	0°♑	
evening rise	-3019 Jan 20 j 23:29	16°♑42'12	
asc. node	-3019 Jan 26 j 21:24	28°♑00'55	
	-3019 Jan 27 j 23:58	0°♒	
evening max el	-3019 Feb 06 j 13:45	13°♒27'28	18°59'20
retrograde	-3019 Feb 15 j 01:03	17°♒31'38	
evening set	-3019 Feb 17 j 09:34	17°♒14'04	
inferior conj	-3019 Feb 25 j 09:05	12°♒57'50	3°01'32
minimum elong	-3019 Feb 25 j 13:45	12°♒49'32	3°00'24

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-3019 Feb 28 j 12:53	10°♒44'36	0.57219 AU
morning rise	-3019 Mar 05 j 14:04	7°♒54'39	
desc. node	-3019 Mar 09 j 16:22	6°♒51'36	
direct	-3019 Mar 10 j 20:58	6°♒48'11	
morning max el	-3019 Mar 25 j 03:09	14°♒10'28	25°39'23
	-3019 Apr 06 j 15:46	0°♓	
morning set	-3019 Apr 21 j 13:19	27°♓21'20	
	-3019 Apr 22 j 19:20	0°♈	
asc. node	-3019 Apr 24 j 20:54	4°♈26'11	
superior conj	-3019 Apr 28 j 14:18	12°♈33'14	0°38'10
minimum elong	-3019 Apr 28 j 12:42	12°♈24'28	0°37'53
max. Earth dist.	-3019 Apr 29 j 09:50	14°♈19'41	1.32780 AU
evening rise	-3019 May 05 j 18:02	27°♈50'26	
	-3019 May 06 j 19:20	0°♉	
	-3019 May 23 j 20:15	0°♊	
desc. node	-3019 Jun 05 j 15:21	15°♊53'32	
evening max el	-3019 Jun 06 j 02:12	16°♊19'43	27°08'46
retrograde	-3019 Jun 20 j 00:29	23°♊40'56	
evening set	-3019 Jun 27 j 00:28	21°♊25'31	
min. Earth dist.	-3019 Jun 30 j 15:49	18°♊39'34	0.61546 AU
inferior conj	-3019 Jul 03 j 19:48	15°♊49'26	-4°-17'-2
minimum elong	-3019 Jul 03 j 22:17	15°♊43'52	4°16'43
morning rise	-3019 Jul 10 j 22:54	10°♊53'43	
direct	-3019 Jul 13 j 10:47	10°♊27'30	
morning max el	-3019 Jul 20 j 08:51	13°♊54'19	17°59'47
asc. node	-3019 Jul 21 j 20:15	15°♊28'04	
	-3019 Jul 31 j 08:41	0°♋	
morning set	-3019 Aug 05 j 09:12	9°♋05'31	
superior conj	-3019 Aug 15 j 22:04	28°♋02'09	1°33'30
minimum elong	-3019 Aug 16 j 02:22	28°♋20'49	1°33'15
	-3019 Aug 17 j 01:13	0°♌	
max. Earth dist.	-3019 Aug 23 j 08:34	10°♌39'45	1.42259 AU
evening rise	-3019 Aug 29 j 23:14	21°♌21'20	
desc. node	-3019 Sep 01 j 14:43	25°♌30'44	
	-3019 Sep 04 j 12:22	0°♍	
	-3019 Sep 25 j 13:36	0°♎	
greatest brilliancy	-3019 Sep 26 j 08:55	0°♎59'58	-0.4m
evening max el	-3019 Oct 01 j 03:35	6°♎24'58	22°01'43
retrograde	-3019 Oct 10 j 10:06	11°♎55'44	
evening set	-3019 Oct 14 j 18:38	10°♎12'49	
asc. node	-3019 Oct 17 j 19:18	7°♎02'58	
inferior conj	-3019 Oct 20 j 03:37	3°♎54'26	0°48'03
minimum elong	-3019 Oct 20 j 02:31	3°♎58'14	0°47'35
min. Earth dist.	-3019 Oct 20 j 05:50	3°♎46'46	0.67417 AU
	-3019 Oct 23 j 02:45	30°℞♍	
morning rise	-3019 Oct 25 j 10:12	27°♍38'08	
direct	-3019 Oct 30 j 03:23	25°♍41'34	
	-3019 Nov 07 j 08:49	0°♎	
morning max el	-3019 Nov 08 j 23:16	1°♎32'49	22°44'46
greatest brilliancy	-3019 Nov 13 j 16:56	6°♎51'59	-0.3m
desc. node	-3019 Nov 28 j 14:18	27°♎17'19	
	-3019 Nov 30 j 09:57	0°♏	
morning set	-3019 Dec 12 j 22:31	19°♏38'59	
max. Earth dist.	-3019 Dec 17 j 22:48	28°♏02'12	1.40254 AU
	-3019 Dec 19 j 02:17	0°♐	
superior conj	-3019 Dec 25 j 17:07	11°♐42'38	-1°-56'-36
minimum elong	-3019 Dec 25 j 17:19	11°♐43'31	1°56'43
	-3018 Jan 04 j 11:53	0°♑	
evening rise	-3018 Jan 04 j 13:09	0°♑06'00	
asc. node	-3018 Jan 13 j 18:27	16°♑47'08	
evening max el	-3018 Jan 20 j 18:10	26°♑05'33	18°24'01
retrograde	-3018 Jan 28 j 03:20	29°♑43'56	
evening set	-3018 Jan 30 j 15:11	29°♑20'13	
inferior conj	-3018 Feb 06 j 22:30	24°♑43'30	3°46'34
minimum elong	-3018 Feb 07 j 01:03	24°♑38'13	3°46'11
min. Earth dist.	-3018 Feb 10 j 08:07	21°♑56'31	0.59127 AU
morning rise	-3018 Feb 14 j 07:27	19°♑15'27	
direct	-3018 Feb 20 j 15:21	17°♑30'10	
desc. node	-3018 Feb 24 j 13:28	18°♑09'07	
morning max el	-3018 Mar 06 j 21:55	25°♑07'28	26°53'28
	-3018 Mar 11 j 10:18	0°♒	
	-3018 Mar 30 j 19:43	0°♓	
morning set	-3018 Apr 05 j 23:37	12°♓16'45	
asc. node	-3018 Apr 11 j 17:55	24°♓38'29	
superior conj	-3018 Apr 13 j 02:03	27°♓34'22	0°14'02
minimum elong	-3018 Apr 13 j 01:26	27°♓30'57	0°13'54
behind sun begin	-3018 Apr 12 j 23:03	27°♓17'54	
behind sun end	-3018 Apr 13 j 03:48	27°♓43'59	
max. Earth dist.	-3018 Apr 12 j 22:55	27°♓17'09	1.32520 AU
	-3018 Apr 14 j 04:39	0°♈	
evening rise	-3018 Apr 20 j 02:18	12°♈42'05	
	-3018 Apr 28 j 23:06	0°♉	
evening max el	-3018 May 19 j 02:50	28°♉08'38	26°19'54
	-3018 May 21 j 04:16	0°♊	
desc. node	-3018 May 23 j 12:24	1°♊49'12	
retrograde	-3018 Jun 02 j 04:41	5°♊26'11	
evening set	-3018 Jun 08 j 12:35	3°♊45'48	
min. Earth dist.	-3018 Jun 12 j 15:54	1°♊05'39	0.59502 AU
	-3018 Jun 14 j 02:08	30°℞♉	
inferior conj	-3018 Jun 16 j 00:49	28°♉27'55	-4°-25'-5
minimum elong	-3018 Jun 16 j 00:21	28°♉28'50	4°25'00
morning rise	-3018 Jun 23 j 15:44	23°♉54'19	
direct	-3018 Jun 26 j 03:06	23°♉32'36	
morning max el	-3018 Jul 03 j 18:43	27°♉12'47	18°22'28
	-3018 Jul 06 j 07:57	0°♊	
asc. node	-3018 Jul 08 j 17:20	3°♊12'40	
morning set	-3018 Jul 19 j 19:36	22°♊39'56	
	-3018 Jul 23 j 15:52	0°♋	
superior conj	-3018 Jul 29 j 03:05	10°♋14'06	1°46'28
minimum elong	-3018 Jul 29 j 04:47	10°♋21'57	1°46'30
max. Earth dist.	-3018 Aug 05 j 13:28	23°♋28'00	1.40410 AU
	-3018 Aug 09 j 10:03	0°♌	
evening rise	-3018 Aug 10 j 05:28	1°♌20'33	
desc. node	-3018 Aug 19 j 11:43	16°♌04'58	
	-3018 Aug 28 j 22:03	0°♍	
evening max el	-3018 Sep 13 j 17:55	19°♍52'12	23°21'43
retrograde	-3018 Sep 24 j 03:15	26°♍01'00	
evening set	-3018 Sep 29 j 01:40	23°♍58'52	
inferior conj	-3018 Oct 04 j 10:21	17°♍37'33	0°-5'-11
minimum elong	-3018 Oct 04 j 10:29	17°♍37'08	0°05'08
transit middle	-3018 Oct 04 j 10:29	17°♍37'08	0°05'08
transit begin	-3018 Oct 04 j 07:54	17°♍45'57	
transit end	-3018 Oct 04 j 13:03	17°♍28'19	
min. Earth dist.	-3018 Oct 04 j 02:23	18°♍04'53	0.67460 AU
asc. node	-3018 Oct 04 j 16:25	17°♍16'47	
morning rise	-3018 Oct 09 j 19:19	11°♍24'36	
direct	-3018 Oct 13 j 22:26	9°♍49'31	
morning max el	-3018 Oct 22 j 14:47	14°♍56'43	21°22'11
greatest brilliancy	-3018 Oct 27 j 21:15	21°♍02'11	-0.4m
	-3018 Nov 03 j 12:48	0°♎	
desc. node	-3018 Nov 15 j 11:18	17°♎35'16	
morning set	-3018 Nov 22 j 11:19	28°♎25'43	
	-3018 Nov 23 j 11:12	0°♏	
max. Earth dist.	-3018 Nov 30 j 00:40	10°♏34'33	1.42204 AU
superior conj	-3018 Dec 07 j 08:21	22°♏52'36	-1°-50'-49
minimum elong	-3018 Dec 07 j 04:47	22°♏37'17	1°50'45
	-3018 Dec 11 j 10:27	0°♐	
evening rise	-3018 Dec 18 j 13:57	12°♐49'36	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3018 Dec 28 j 08:49	0°♉	
asc. node	-3018 Dec 31 j 15:30	4°♉54'13	
evening max el	-3017 Jan 04 j 04:05	9°♉05'55	18°08'41
retrograde	-3017 Jan 10 j 22:07	12°♉33'29	
evening set	-3017 Jan 13 j 13:10	12°♉02'22	
inferior conj	-3017 Jan 20 j 07:01	7°♉03'39	4°00'09
minimum elong	-3017 Jan 20 j 06:55	7°♉03'51	4°00'03
min. Earth dist.	-3017 Jan 23 j 09:44	4°♉07'19	0.61165 AU
morning rise	-3017 Jan 26 j 22:08	1°♉18'37	
	-3017 Jan 29 j 06:03	30°℞♐	
direct	-3017 Feb 02 j 20:20	28°♐58'05	
	-3017 Feb 07 j 15:43	0°♉	
desc. node	-3017 Feb 11 j 10:34	2°♉05'17	
morning max el	-3017 Feb 16 j 22:44	6°♉42'03	27°35'51
	-3017 Mar 06 j 13:58	0°♒	
morning set	-3017 Mar 21 j 06:21	26°♒59'25	
	-3017 Mar 22 j 17:11	0°♓	
max. Earth dist.	-3017 Mar 27 j 11:12	10°♓09'30	1.32610 AU
superior conj	-3017 Mar 28 j 13:16	12°♓31'22	0°-11'-13
minimum elong	-3017 Mar 28 j 13:46	12°♓34'10	0°11'10
behind sun begin	-3017 Mar 28 j 10:09	12°♓14'27	
behind sun end	-3017 Mar 28 j 17:23	12°♓53'53	
asc. node	-3017 Mar 29 j 14:57	14°♓51'35	
evening rise	-3017 Apr 04 j 13:14	27°♓39'27	
	-3017 Apr 05 j 16:07	0°♈	
	-3017 Apr 22 j 22:04	0°♉	
evening max el	-3017 Apr 30 j 21:30	9°♉17'37	25°03'49
desc. node	-3017 May 10 j 09:29	15°♉37'49	
retrograde	-3017 May 14 j 22:23	16°♉25'37	
evening set	-3017 May 20 j 02:39	15°♉23'54	
min. Earth dist.	-3017 May 25 j 09:39	12°♉32'59	0.57541 AU
inferior conj	-3017 May 28 j 10:54	10°♉29'21	-4°-3'-2
minimum elong	-3017 May 28 j 06:37	10°♉36'39	4°02'22
morning rise	-3017 Jun 05 j 14:36	6°♉16'31	
direct	-3017 Jun 08 j 02:27	5°♉58'09	
morning max el	-3017 Jun 16 j 21:34	10°♉04'51	19°05'31
asc. node	-3017 Jun 25 j 14:25	21°♉43'31	
	-3017 Jun 30 j 04:28	0°♊	
morning set	-3017 Jul 03 j 16:16	6°♊47'07	
superior conj	-3017 Jul 12 j 02:52	23°♊23'56	1°48'25
minimum elong	-3017 Jul 12 j 02:20	23°♊21'23	1°48'30
	-3017 Jul 15 j 14:17	0°♋	
max. Earth dist.	-3017 Jul 18 j 15:43	5°♋38'01	1.38449 AU
evening rise	-3017 Jul 22 j 13:47	12°♋35'42	
	-3017 Aug 02 j 03:13	0°♌	
desc. node	-3017 Aug 06 j 08:43	6°♌27'35	
	-3017 Aug 24 j 00:40	0°♍	
evening max el	-3017 Aug 27 j 05:30	3°♍23'03	24°41'13
retrograde	-3017 Sep 07 j 16:31	10°♍04'17	
evening set	-3017 Sep 13 j 05:59	7°♍43'21	
min. Earth dist.	-3017 Sep 17 j 21:27	2°♍24'13	0.67202 AU
inferior conj	-3017 Sep 18 j 15:55	1°♍22'39	0°-59'-12
minimum elong	-3017 Sep 18 j 17:20	1°♍17'57	0°58'34
	-3017 Sep 19 j 16:57	30°℞♌	
asc. node	-3017 Sep 21 j 13:32	27°♌43'24	
morning rise	-3017 Sep 24 j 05:01	25°♌16'18	
direct	-3017 Sep 27 j 19:56	24°♌00'43	
morning max el	-3017 Oct 05 j 13:30	28°♌29'40	20°09'50
	-3017 Oct 06 j 23:13	0°♍	
greatest brilliancy	-3017 Oct 12 j 14:21	7°♍06'13	-0.6m
	-3017 Oct 28 j 02:17	0°♎	
morning set	-3017 Nov 01 j 09:10	6°♎36'06	
desc. node	-3017 Nov 02 j 08:18	8°♎05'46	
max. Earth dist.	-3017 Nov 12 j 10:33	23°♎59'18	1.43740 AU
	-3017 Nov 16 j 04:00	0°♏	
superior conj	-3017 Nov 17 j 20:50	2°♏46'29	-1°-28'-59
minimum elong	-3017 Nov 17 j 13:51	2°♏17'55	1°28'25
evening rise	-3017 Nov 30 j 21:39	24°♏44'38	
	-3017 Dec 03 j 22:41	0°♐	
evening max el	-3017 Dec 18 j 16:31	22°♐20'28	18°12'41
asc. node	-3017 Dec 18 j 12:35	22°♐10'25	
retrograde	-3017 Dec 25 j 05:12	25°♐50'05	
evening set	-3017 Dec 27 j 23:48	25°♐10'33	
inferior conj	-3016 Jan 03 j 06:59	19°♐50'47	3°50'55
minimum elong	-3016 Jan 03 j 04:59	19°♐56'07	3°50'36
min. Earth dist.	-3016 Jan 05 j 20:19	17°♐06'54	0.63055 AU
morning rise	-3016 Jan 09 j 08:26	13°♐53'43	
direct	-3016 Jan 16 j 09:31	11°♐10'40	
desc. node	-3016 Jan 29 j 07:38	18°♐04'44	
morning max el	-3016 Jan 30 j 05:01	18°♐56'24	27°41'52
	-3016 Feb 08 j 15:14	0°♑	
	-3016 Feb 27 j 10:07	0°♒	
morning set	-3016 Mar 04 j 07:10	11°♒20'45	
max. Earth dist.	-3016 Mar 09 j 18:51	22°♒42'45	1.33077 AU
superior conj	-3016 Mar 11 j 22:09	27°♒17'24	0°-36'-42
minimum elong	-3016 Mar 11 j 23:49	27°♒26'21	0°36'27
	-3016 Mar 13 j 04:18	0°♓	
asc. node	-3016 Mar 15 j 11:57	5°♓00'46	
evening rise	-3016 Mar 19 j 00:57	12°♓34'52	
	-3016 Mar 27 j 23:14	0°♈	
evening max el	-3016 Apr 11 j 13:05	20°♈00'43	23°31'46
retrograde	-3016 Apr 25 j 03:24	26°♈46'41	
desc. node	-3016 Apr 26 j 06:35	26°♈43'48	
evening set	-3016 Apr 28 j 23:02	26°♈14'40	
min. Earth dist.	-3016 May 05 j 23:57	23°♈00'10	0.55996 AU
inferior conj	-3016 May 08 j 00:50	21°♈47'12	-3°-1'00
minimum elong	-3016 May 07 j 18:34	21°♈56'36	2°59'21
morning rise	-3016 May 16 j 17:34	17°♈48'58	
direct	-3016 May 19 j 06:52	17°♈32'42	
morning max el	-3016 May 29 j 14:47	22°♈20'13	20°09'11
	-3016 Jun 05 j 00:16	0°♉	
asc. node	-3016 Jun 11 j 11:27	10°♉48'37	
morning set	-3016 Jun 16 j 20:02	21°♉17'37	
	-3016 Jun 21 j 02:18	0°♊	
superior conj	-3016 Jun 24 j 16:09	7°♊15'55	1°41'58
minimum elong	-3016 Jun 24 j 14:12	7°♊06'06	1°41'56
max. Earth dist.	-3016 Jun 29 j 20:35	17°♊27'05	1.36606 AU
evening rise	-3016 Jul 03 j 21:10	24°♊59'10	
	-3016 Jul 06 j 16:04	0°♋	
desc. node	-3016 Jul 23 j 05:43	26°♋32'18	
	-3016 Jul 25 j 16:29	0°♌	
evening max el	-3016 Aug 08 j 16:27	16°♌56'01	25°52'42
retrograde	-3016 Aug 21 j 01:14	24°♌00'54	
evening set	-3016 Aug 27 j 05:39	21°♌24'06	
min. Earth dist.	-3016 Aug 31 j 12:35	16°♌42'29	0.66610 AU
inferior conj	-3016 Sep 01 j 18:31	15°♌07'33	-1°-52'-17
minimum elong	-3016 Sep 01 j 21:09	14°♌59'10	1°51'13
asc. node	-3016 Sep 07 j 10:37	9°♌15'19	
morning rise	-3016 Sep 07 j 13:22	9°♌11'01	
direct	-3016 Sep 10 j 18:13	8°♌11'51	
morning max el	-3016 Sep 17 j 19:26	12°♌11'37	19°11'24
	-3016 Sep 30 j 19:55	0°♍	
morning set	-3016 Oct 10 j 15:53	15°♍19'37	
desc. node	-3016 Oct 19 j 05:17	28°♍44'50	
	-3016 Oct 20 j 00:26	0°♎	
max. Earth dist.	-3016 Oct 25 j 02:24	8°♎00'03	1.44659 AU
superior conj	-3016 Oct 27 j 07:45	11°♎31'06	0°-50'-18
minimum elong	-3016 Oct 27 j 01:41	11°♎07'02	0°49'35
	-3016 Nov 07 j 19:56	0°♏	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-3016 Nov 11 j 07:47	5°♏42'57	
	-3016 Nov 26 j 13:47	0°♐	
evening max el	-3016 Dec 01 j 04:43	5°♐43'06	18°35'08
asc. node	-3016 Dec 04 j 09:39	8°♐21'41	
retrograde	-3016 Dec 07 j 20:21	9°♐25'26	
evening set	-3016 Dec 10 j 19:37	8°♐36'07	
inferior conj	-3016 Dec 16 j 18:36	2°♐57'47	3°25'55
minimum elong	-3016 Dec 16 j 15:41	3°♐06'26	3°25'13
min. Earth dist.	-3016 Dec 18 j 16:58	0°♐40'52	0.64638 AU
	-3016 Dec 19 j 07:16	30°℞♏	
morning rise	-3016 Dec 22 j 10:32	26°♏51'50	
direct	-3016 Dec 29 j 05:44	24°♏01'16	
	-3015 Jan 09 j 19:17	0°♐	
morning max el	-3015 Jan 11 j 14:23	1°♐42'40	27°13'19
desc. node	-3015 Jan 15 j 04:41	5°♐33'14	
	-3015 Feb 01 j 18:34	0°♑	
morning set	-3015 Feb 15 j 23:12	25°♑11'31	
	-3015 Feb 18 j 09:39	0°♒	
max. Earth dist.	-3015 Feb 20 j 17:56	4°♒45'14	1.33955 AU
superior conj	-3015 Feb 24 j 02:52	11°♒46'22	-1°-1'-22
minimum elong	-3015 Feb 24 j 05:32	12°♒00'24	1°01'00
asc. node	-3015 Mar 02 j 08:57	25°♒02'01	
evening rise	-3015 Mar 03 j 11:41	27°♒22'08	
	-3015 Mar 04 j 18:08	0°♓	
	-3015 Mar 23 j 13:14	0°♈	
evening max el	-3015 Mar 24 j 07:49	0°♈45'44	21°58'14
retrograde	-3015 Apr 05 j 21:09	6°♈51'50	
evening set	-3015 Apr 08 j 15:04	6°♈35'01	
desc. node	-3015 Apr 13 j 03:39	5°♈02'47	
inferior conj	-3015 Apr 17 j 23:32	2°♈29'37	-1°-20'-9
minimum elong	-3015 Apr 17 j 19:52	2°♈34'46	1°18'55
min. Earth dist.	-3015 Apr 17 j 13:34	2°♈43'38	0.55187 AU
	-3015 Apr 22 j 17:29	30°℞♓	
morning rise	-3015 Apr 27 j 01:58	28°♓31'46	
direct	-3015 Apr 29 j 20:50	28°♓14'27	
	-3015 May 06 j 13:23	0°♈	
morning max el	-3015 May 11 j 21:08	3°♈53'57	21°31'42
asc. node	-3015 May 29 j 08:27	0°♉19'20	
	-3015 May 29 j 04:33	0°♉	
morning set	-3015 Jun 01 j 04:28	6°♉04'35	
superior conj	-3015 Jun 08 j 14:54	21°♉38'04	1°29'17
minimum elong	-3015 Jun 08 j 12:19	21°♉24'39	1°29'04
max. Earth dist.	-3015 Jun 12 j 09:04	29°♉19'58	1.35058 AU
	-3015 Jun 12 j 17:02	0°♊	
evening rise	-3015 Jun 16 j 22:30	8°♊17'16	
	-3015 Jun 29 j 06:10	0°♋	
desc. node	-3015 Jul 10 j 02:45	16°♋10'56	
	-3015 Jul 21 j 17:20	0°♌	
evening max el	-3015 Jul 22 j 03:43	0°♌25'21	26°48'12
retrograde	-3015 Aug 04 j 05:02	7°♌43'55	
evening set	-3015 Aug 10 j 22:22	4°♌57'57	
min. Earth dist.	-3015 Aug 14 j 21:27	0°♌54'53	0.65657 AU
	-3015 Aug 15 j 16:07	30°℞♋	
inferior conj	-3015 Aug 16 j 16:07	28°♋48'44	-2°-42'-32
minimum elong	-3015 Aug 16 j 19:43	28°♋38'03	2°41'17
morning rise	-3015 Aug 22 j 18:15	23°♋05'12	
asc. node	-3015 Aug 25 j 07:42	22°♋19'37	
direct	-3015 Aug 25 j 15:22	22°♋19'03	
morning max el	-3015 Sep 01 j 06:52	25°♋58'41	18°28'47
	-3015 Sep 04 j 17:01	0°♌	
morning set	-3015 Sep 20 j 23:38	25°♌17'45	
	-3015 Sep 23 j 21:20	0°♍	
superior conj	-3015 Oct 06 j 07:22	19°♍48'45	0°-1'-22
minimum elong	-3015 Oct 06 j 07:12	19°♍48'03	0°01'21
behind sun begin	-3015 Oct 05 j 19:55	19°♍03'34	
behind sun end	-3015 Oct 06 j 18:28	20°♍32'31	
desc. node	-3015 Oct 06 j 02:15	19°♍28'31	
max. Earth dist.	-3015 Oct 07 j 20:28	22°♍14'57	1.44863 AU
	-3015 Oct 12 j 18:44	0°♎	
evening rise	-3015 Oct 22 j 17:18	15°♎38'19	
	-3015 Oct 31 j 20:27	0°♏	
greatest brilliancy	-3015 Nov 04 j 01:59	4°♏59'00	-0.7m
evening max el	-3015 Nov 14 j 14:13	19°♏08'48	19°14'53
asc. node	-3015 Nov 21 j 06:43	23°♏11'54	
retrograde	-3015 Nov 21 j 15:54	23°♏12'44	
evening set	-3015 Nov 24 j 21:40	22°♏11'37	
inferior conj	-3015 Nov 30 j 14:33	16°♏17'51	2°49'59
minimum elong	-3015 Nov 30 j 11:30	16°♏27'32	2°49'01
min. Earth dist.	-3015 Dec 01 j 22:47	14°♏35'17	0.65864 AU
morning rise	-3015 Dec 06 j 00:29	10°♏05'39	
direct	-3015 Dec 12 j 08:15	7°♏20'40	
morning max el	-3015 Dec 25 j 00:02	14°♏46'52	26°16'26
desc. node	-3014 Jan 02 j 01:43	24°♏03'54	
	-3014 Jan 06 j 12:41	0°♐	
	-3014 Jan 25 j 12:49	0°♑	
morning set	-3014 Jan 30 j 02:28	8°♑18'45	
max. Earth dist.	-3014 Feb 03 j 05:20	16°♑11'27	1.35274 AU
superior conj	-3014 Feb 08 j 01:01	25°♑50'18	-1°-23'-52
minimum elong	-3014 Feb 08 j 04:17	26°♑06'58	1°23'31
	-3014 Feb 10 j 01:37	0°♒	
evening rise	-3014 Feb 15 j 19:30	11°♒54'15	
asc. node	-3014 Feb 17 j 05:58	14°♒50'03	
	-3014 Feb 25 j 09:10	0°♓	
evening max el	-3014 Mar 06 j 11:25	11°♓57'09	20°35'02
retrograde	-3014 Mar 17 j 10:52	17°♓11'14	
evening set	-3014 Mar 19 j 17:45	16°♓58'32	
inferior conj	-3014 Mar 28 j 19:04	13°♓00'54	0°37'18
minimum elong	-3014 Mar 28 j 20:45	12°♓58'27	0°36'42
min. Earth dist.	-3014 Mar 30 j 03:44	12°♓13'28	0.55302 AU
desc. node	-3014 Mar 31 j 00:42	11°♓43'31	
morning rise	-3014 Apr 06 j 21:54	8°♓44'40	
direct	-3014 Apr 10 j 09:07	8°♓18'31	
morning max el	-3014 Apr 23 j 17:49	14°♓49'43	23°07'40
	-3014 May 05 j 11:40	0°♈	
asc. node	-3014 May 16 j 05:28	20°♈08'52	
morning set	-3014 May 16 j 15:39	21°♈01'59	
	-3014 May 20 j 20:56	0°♉	
superior conj	-3014 May 23 j 20:04	6°♉20'57	1°11'58
minimum elong	-3014 May 23 j 17:30	6°♉07'17	1°11'38
max. Earth dist.	-3014 May 26 j 07:25	11°♉35'05	1.33881 AU
evening rise	-3014 May 31 j 12:56	22°♉16'17	
	-3014 Jun 04 j 13:08	0°♊	
	-3014 Jun 23 j 00:29	0°♋	
desc. node	-3014 Jun 26 j 23:46	5°♋12'30	
evening max el	-3014 Jul 04 j 14:54	13°♋42'18	27°20'10
retrograde	-3014 Jul 18 j 03:27	21°♋05'30	
evening set	-3014 Jul 25 j 05:22	18°♋20'55	
min. Earth dist.	-3014 Jul 28 j 22:05	14°♋54'15	0.64328 AU
inferior conj	-3014 Jul 31 j 06:25	12°♋22'13	-3°-27'-21
minimum elong	-3014 Jul 31 j 10:26	12°♋11'20	3°26'16
morning rise	-3014 Aug 06 j 17:13	6°♋54'44	
direct	-3014 Aug 09 j 08:59	6°♋18'17	
asc. node	-3014 Aug 12 j 04:45	6°♋59'22	
morning max el	-3014 Aug 15 j 21:24	9°♋46'16	18°03'11
	-3014 Aug 29 j 13:48	0°♌	
morning set	-3014 Sep 02 j 10:47	6°♌34'57	
superior conj	-3014 Sep 15 j 18:21	28°♌43'41	0°45'14
minimum elong	-3014 Sep 15 j 23:09	29°♌03'09	0°44'41

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3014 Sep 16 j 13:14	0°♍	
max. Earth dist.	-3014 Sep 20 j 13:46	6°♍26'34	1.44344 AU
desc. node	-3014 Sep 22 j 23:15	10°♍14'09	
evening rise	-3014 Oct 02 j 05:30	24°♍40'53	
	-3014 Oct 05 j 16:24	0°♎	
greatest brilliancy	-3014 Oct 21 j 22:35	24°♎08'59	-0.6m
	-3014 Oct 26 j 11:11	0°♏	
evening max el	-3014 Oct 28 j 19:07	2°♏35'55	20°10'07
retrograde	-3014 Nov 05 j 13:09	7°♏08'52	
asc. node	-3014 Nov 08 j 03:47	6°♏29'27	
evening set	-3014 Nov 09 j 03:36	5°♏53'27	
inferior conj	-3014 Nov 14 j 16:11	29°♎47'34	2°06'28
minimum elong	-3014 Nov 14 j 13:36	29°♎56'12	2°05'29
	-3014 Nov 14 j 12:28	30°℞♎	
min. Earth dist.	-3014 Nov 15 j 11:47	28°♎42'01	0.66733 AU
morning rise	-3014 Nov 19 j 23:00	23°♎31'44	
direct	-3014 Nov 25 j 16:23	21°♎01'51	
morning max el	-3014 Dec 07 j 08:42	27°♎58'46	25°00'12
	-3014 Dec 09 j 06:56	0°♏	
desc. node	-3014 Dec 19 j 22:46	13°♏18'52	
	-3014 Dec 31 j 06:13	0°♐	
morning set	-3013 Jan 12 j 11:46	20°♐27'37	
max. Earth dist.	-3013 Jan 16 j 05:38	27°♐15'35	1.37022 AU
	-3013 Jan 17 j 16:54	0°♑	
superior conj	-3013 Jan 22 j 13:39	9°♑21'03	-1°-42'-18
minimum elong	-3013 Jan 22 j 16:46	9°♑36'18	1°42'07
evening rise	-3013 Jan 30 j 22:21	26°♑05'15	
	-3013 Feb 01 j 21:32	0°♒	
asc. node	-3013 Feb 04 j 03:00	4°♒19'35	
evening max el	-3013 Feb 17 j 01:54	23°♒45'14	19°28'42
retrograde	-3013 Feb 26 j 08:53	28°♒10'35	
evening set	-3013 Feb 28 j 15:48	27°♒55'43	
inferior conj	-3013 Mar 09 j 01:24	23°♒49'37	2°18'45
minimum elong	-3013 Mar 09 j 06:09	23°♒41'53	2°17'20
min. Earth dist.	-3013 Mar 11 j 18:31	22°♒04'23	0.56320 AU
morning rise	-3013 Mar 17 j 16:50	19°♒03'55	
desc. node	-3013 Mar 17 j 21:49	18°♒59'46	
direct	-3013 Mar 22 j 07:15	18°♒15'51	
morning max el	-3013 Apr 05 j 08:59	25°♒24'18	24°46'40
	-3013 Apr 09 j 15:44	0°♓	
	-3013 Apr 28 j 05:09	0°♈	
morning set	-3013 May 01 j 03:49	6°♈03'36	
asc. node	-3013 May 03 j 02:28	10°♈11'10	
superior conj	-3013 May 08 j 05:16	21°♈16'10	0°51'16
minimum elong	-3013 May 08 j 03:12	21°♈04'59	0°50'54
max. Earth dist.	-3013 May 09 j 14:16	24°♈14'47	1.33081 AU
	-3013 May 12 j 06:52	0°♉	
evening rise	-3013 May 15 j 12:35	6°♉43'37	
	-3013 May 28 j 02:14	0°♊	
desc. node	-3013 Jun 13 j 20:49	23°♊20'49	
evening max el	-3013 Jun 17 j 00:00	26°♊33'47	27°22'27
	-3013 Jun 21 j 00:44	0°♋	
retrograde	-3013 Jun 30 j 19:32	3°♋55'50	
evening set	-3013 Jul 07 j 22:59	1°♋26'03	
	-3013 Jul 09 j 19:50	30°℞♊	
min. Earth dist.	-3013 Jul 11 j 13:01	28°♊28'36	0.62645 AU
inferior conj	-3013 Jul 14 j 10:31	25°♊40'57	-4°-2'-58
minimum elong	-3013 Jul 14 j 13:58	25°♊32'36	4°02'20
morning rise	-3013 Jul 21 j 07:18	20°♊32'34	
direct	-3013 Jul 23 j 20:03	20°♊03'09	
asc. node	-3013 Jul 30 j 01:49	23°♊02'43	
morning max el	-3013 Jul 30 j 12:17	23°♊27'46	17°55'35
	-3013 Aug 04 j 16:53	0°♋	
morning set	-3013 Aug 15 j 20:32	18°♋56'40	
	-3013 Aug 22 j 02:35	0°♌	

superior conj	-3013 Aug 27 j 06:52	8°♌54'20	1°20'01
minimum elong	-3013 Aug 27 j 12:14	9°♌17'02	1°19'33
max. Earth dist.	-3013 Sep 03 j 03:42	20°♌17'35	1.43175 AU
	-3013 Sep 09 j 05:29	0°♍	
desc. node	-3013 Sep 09 j 20:14	0°♍57'56	
evening rise	-3013 Sep 11 j 10:21	3°♍26'53	
	-3013 Sep 29 j 04:21	0°♎	
greatest brilliancy	-3013 Oct 06 j 13:06	9°♎59'49	-0.4m
evening max el	-3013 Oct 11 j 18:10	16°♎02'40	21°18'15
retrograde	-3013 Oct 20 j 09:59	21°♎10'46	
evening set	-3013 Oct 24 j 11:24	19°♎38'25	
asc. node	-3013 Oct 26 j 00:52	18°♎13'38	
inferior conj	-3013 Oct 29 j 21:16	13°♎23'47	1°17'44
minimum elong	-3013 Oct 29 j 19:33	13°♎29'41	1°17'01
min. Earth dist.	-3013 Oct 30 j 05:34	12°♎55'16	0.67262 AU
morning rise	-3013 Nov 04 j 03:21	7°♎07'02	
direct	-3013 Nov 09 j 05:21	4°♎57'39	
morning max el	-3013 Nov 19 j 17:37	11°♎13'53	23°34'37
	-3013 Dec 04 j 16:06	0°♏	
desc. node	-3013 Dec 06 j 19:49	3°♏05'13	
	-3013 Dec 24 j 01:30	0°♐	
morning set	-3013 Dec 24 j 20:56	1°♐21'50	
max. Earth dist.	-3013 Dec 29 j 01:13	8°♐33'36	1.39057 AU
superior conj	-3012 Jan 05 j 12:51	22°♐08'04	-1°-54'-6
minimum elong	-3012 Jan 05 j 14:34	22°♐16'07	1°54'09
	-3012 Jan 09 j 16:14	0°♑	
evening rise	-3012 Jan 14 j 17:45	9°♑48'50	
asc. node	-3012 Jan 22 j 00:03	23°♑24'12	
	-3012 Jan 26 j 02:02	0°♒	
evening max el	-3012 Jan 31 j 01:59	6°♒07'35	18°41'50
retrograde	-3012 Feb 08 j 00:31	9°♒58'31	
evening set	-3012 Feb 10 j 10:39	9°♒38'22	
inferior conj	-3012 Feb 18 j 02:58	5°♒13'41	3°24'58
minimum elong	-3012 Feb 18 j 06:57	5°♒06'09	3°24'11
min. Earth dist.	-3012 Feb 21 j 11:09	2°♒43'34	0.57998 AU
morning rise	-3012 Feb 25 j 23:30	29°♑59'21	
	-3012 Feb 25 j 22:56	30°℞♑	
direct	-3012 Mar 02 j 18:16	28°♑36'47	
desc. node	-3012 Mar 03 j 18:55	28°♑39'24	
	-3012 Mar 08 j 15:45	0°♒	
morning max el	-3012 Mar 17 j 00:59	6°♒05'53	26°14'10
	-3012 Apr 03 j 15:12	0°♓	
morning set	-3012 Apr 14 j 15:20	21°♓03'37	
asc. node	-3012 Apr 18 j 23:30	0°♈21'26	
	-3012 Apr 18 j 19:34	0°♈	
superior conj	-3012 Apr 21 j 16:37	6°♈17'14	0°28'08
minimum elong	-3012 Apr 21 j 15:24	6°♈10'34	0°27'53
max. Earth dist.	-3012 Apr 22 j 02:22	7°♈10'38	1.32633 AU
evening rise	-3012 Apr 28 j 18:27	21°♈29'21	
	-3012 May 02 j 23:49	0°♉	
	-3012 May 21 j 09:54	0°♊	
evening max el	-3012 May 29 j 04:23	8°♊47'46	26°51'49
desc. node	-3012 May 30 j 17:51	10°♊13'28	
retrograde	-3012 Jun 12 j 04:11	16°♊06'47	
evening set	-3012 Jun 18 j 22:59	14°♊05'18	
min. Earth dist.	-3012 Jun 22 j 17:53	11°♊23'59	0.60692 AU
inferior conj	-3012 Jun 26 j 01:02	8°♊36'47	-4°-23'-27
minimum elong	-3012 Jun 26 j 02:27	8°♊33'47	4°23'17
morning rise	-3012 Jul 03 j 08:59	3°♊50'10	
direct	-3012 Jul 05 j 20:39	3°♊25'51	
morning max el	-3012 Jul 13 j 00:48	6°♊56'42	18°06'57
asc. node	-3012 Jul 15 j 22:54	10°♊14'30	
	-3012 Jul 27 j 19:48	0°♋	
morning set	-3012 Jul 28 j 23:18	2°♋07'58	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3012 Aug 07 j 22:26	20°♋25'29	1°40'32
minimum elong	-3012 Aug 08 j 01:39	20°♋39'50	1°40'25
	-3012 Aug 13 j 10:06	0°♌	
max. Earth dist.	-3012 Aug 15 j 12:23	3°♌32'56	1.41509 AU
evening rise	-3012 Aug 21 j 03:19	12°♌47'49	
desc. node	-3012 Aug 26 j 17:13	21°♌36'32	
	-3012 Sep 01 j 05:35	0°♍	
greatest brilliancy	-3012 Sep 18 j 16:26	24°♍06'53	-0.3m
evening max el	-3012 Sep 23 j 11:16	29°♍28'53	22°35'22
	-3012 Sep 23 j 23:46	0°♎	
retrograde	-3012 Oct 03 j 04:49	5°♎15'36	
evening set	-3012 Oct 07 j 19:12	3°♎24'23	
	-3012 Oct 10 j 23:43	30°℞♍	
asc. node	-3012 Oct 11 j 21:59	28°♍46'48	
inferior conj	-3012 Oct 13 j 03:53	27°♍04'25	0°25'39
minimum elong	-3012 Oct 13 j 03:17	27°♍06'29	0°25'24
min. Earth dist.	-3012 Oct 13 j 01:42	27°♍11'56	0.67475 AU
morning rise	-3012 Oct 18 j 11:17	20°♍49'27	
direct	-3012 Oct 22 j 22:19	19°♍02'15	
morning max el	-3012 Nov 01 j 05:56	24°♍33'46	22°08'47
greatest brilliancy	-3012 Nov 05 j 23:38	29°♍55'22	-0.4m
	-3012 Nov 06 j 01:09	0°♎	
desc. node	-3012 Nov 22 j 16:50	23°♎13'25	
	-3012 Nov 27 j 03:47	0°♏	
morning set	-3012 Dec 04 j 01:20	10°♏51'38	
max. Earth dist.	-3012 Dec 09 j 23:56	20°♏37'04	1.41118 AU
	-3012 Dec 15 j 11:31	0°♐	
superior conj	-3012 Dec 17 j 17:24	3°♐57'10	-1°-55'-54
minimum elong	-3012 Dec 17 j 16:08	3°♐51'33	1°55'59
evening rise	-3012 Dec 28 j 02:27	22°♐56'46	
	-3012 Dec 31 j 21:54	0°♑	
asc. node	-3011 Jan 07 j 21:07	11°♑55'05	
evening max el	-3011 Jan 13 j 09:04	18°♑55'53	18°15'01
retrograde	-3011 Jan 20 j 10:31	22°♑28'13	
evening set	-3011 Jan 22 j 23:44	22°♑01'25	
inferior conj	-3011 Jan 30 j 00:55	17°♑14'59	3°55'37
minimum elong	-3011 Jan 30 j 02:19	17°♑11'55	3°55'27
min. Earth dist.	-3011 Feb 02 j 08:35	14°♑21'18	0.59995 AU
morning rise	-3011 Feb 06 j 01:50	11°♑38'50	
direct	-3011 Feb 12 j 17:03	9°♑37'53	
desc. node	-3011 Feb 18 j 16:01	11°♑07'54	
morning max el	-3011 Feb 26 j 22:24	17°♑18'13	27°15'52
	-3011 Mar 09 j 11:41	0°♒	
	-3011 Mar 27 j 02:38	0°♓	
morning set	-3011 Mar 30 j 00:23	5°♓54'31	
max. Earth dist.	-3011 Apr 05 j 15:47	20°♓08'22	1.32521 AU
asc. node	-3011 Apr 05 j 20:32	20°♓34'24	
superior conj	-3011 Apr 06 j 04:19	21°♓17'00	0°03'26
minimum elong	-3011 Apr 06 j 04:10	21°♓16'09	0°03'22
behind sun begin	-3011 Apr 05 j 23:15	20°♓49'15	
behind sun end	-3011 Apr 06 j 09:05	21°♓43'04	
	-3011 Apr 10 j 04:10	0°♈	
evening rise	-3011 Apr 13 j 04:06	6°♈24'04	
	-3011 Apr 25 j 16:14	0°♉	
evening max el	-3011 May 11 j 02:10	20°♉17'45	25°50'09
desc. node	-3011 May 17 j 14:55	25°♉19'29	
retrograde	-3011 May 25 j 04:01	27°♉32'15	
evening set	-3011 May 31 j 01:40	26°♉08'17	
min. Earth dist.	-3011 Jun 04 j 14:32	23°♉25'43	0.58646 AU
inferior conj	-3011 Jun 07 j 22:15	20°♉59'50	-4°-20'-3
minimum elong	-3011 Jun 07 j 20:10	21°♉03'42	4°19'50
morning rise	-3011 Jun 15 j 18:33	16°♉35'46	
direct	-3011 Jun 18 j 06:10	16°♉15'33	
morning max el	-3011 Jun 26 j 08:02	20°♉04'47	18°38'19
asc. node	-3011 Jul 02 j 19:58	28°♉19'49	

	-3011 Jul 03 j 21:05	0°♊	
morning set	-3011 Jul 12 j 14:28	15°♊57'02	
	-3011 Jul 19 j 21:09	0°♋	
superior conj	-3011 Jul 21 j 12:08	3°♋04'01	1°48'28
minimum elong	-3011 Jul 21 j 12:49	3°♋07'11	1°48'34
max. Earth dist.	-3011 Jul 28 j 15:45	16°♋04'02	1.39572 AU
evening rise	-3011 Aug 01 j 20:33	23°♋18'19	
	-3011 Aug 05 j 21:27	0°♌	
desc. node	-3011 Aug 13 j 14:11	12°♌06'13	
	-3011 Aug 26 j 02:44	0°♍	
evening max el	-3011 Sep 05 j 23:57	12°♍56'44	23°55'59
retrograde	-3011 Sep 16 j 20:30	19°♍20'39	
evening set	-3011 Sep 22 j 01:18	17°♍10'02	
inferior conj	-3011 Sep 27 j 10:18	10°♍48'22	0°-28'-6
minimum elong	-3011 Sep 27 j 10:58	10°♍46'06	0°27'48
min. Earth dist.	-3011 Sep 26 j 21:51	11°♍30'42	0.67384 AU
asc. node	-3011 Sep 28 j 19:05	8°♍58'30	
morning rise	-3011 Oct 02 j 20:50	4°♍38'01	
direct	-3011 Oct 06 j 18:26	3°♍11'47	
morning max el	-3011 Oct 15 j 00:32	8°♍01'55	20°50'00
greatest brilliancy	-3011 Oct 20 j 21:42	14°♍58'28	-0.5m
	-3011 Oct 31 j 13:18	0°♎	
desc. node	-3011 Nov 09 j 13:50	13°♎37'13	
morning set	-3011 Nov 13 j 05:20	19°♎15'41	
	-3011 Nov 20 j 00:26	0°♏	
max. Earth dist.	-3011 Nov 22 j 05:21	3°♏33'23	1.42915 AU
superior conj	-3011 Nov 28 j 21:38	14°♏35'12	-1°-43'-42
minimum elong	-3011 Nov 28 j 16:22	14°♏13'04	1°43'26
	-3011 Dec 07 j 20:05	0°♐	
evening rise	-3011 Dec 10 j 20:36	5°♐21'06	
asc. node	-3011 Dec 25 j 18:11	29°♐42'05	
	-3011 Dec 26 j 00:02	0°♑	
evening max el	-3011 Dec 27 j 20:20	2°♑02'47	18°08'00
retrograde	-3010 Jan 03 j 11:13	5°♑30'09	
evening set	-3010 Jan 06 j 03:32	4°♑55'45	
	-3010 Jan 12 j 11:40	30°℞♐	
inferior conj	-3010 Jan 12 j 16:31	29°♐47'51	3°58'33
minimum elong	-3010 Jan 12 j 15:30	29°♐50'23	3°58'24
min. Earth dist.	-3010 Jan 15 j 14:00	26°♐54'20	0.61995 AU
morning rise	-3010 Jan 19 j 01:15	23°♐56'51	
direct	-3010 Jan 26 j 01:47	21°♐24'53	
desc. node	-3010 Feb 05 j 13:07	26°♐00'51	
morning max el	-3010 Feb 09 j 02:01	29°♐11'00	27°42'51
	-3010 Feb 09 j 21:34	0°♑	
	-3010 Mar 03 j 07:56	0°♒	
morning set	-3010 Mar 14 j 04:55	20°♒29'06	
	-3010 Mar 18 j 18:10	0°♓	
max. Earth dist.	-3010 Mar 20 j 02:31	2°♓53'40	1.32762 AU
superior conj	-3010 Mar 21 j 14:45	6°♓09'45	0°-22'-3
minimum elong	-3010 Mar 21 j 15:45	6°♓15'13	0°21'54
asc. node	-3010 Mar 23 j 17:33	10°♓46'04	
evening rise	-3010 Mar 28 j 15:34	21°♓20'49	
	-3010 Apr 01 j 21:06	0°♈	
	-3010 Apr 21 j 13:45	0°♉	
evening max el	-3010 Apr 22 j 18:39	1°♉11'44	24°25'37
desc. node	-3010 May 04 j 12:00	8°♉02'01	
retrograde	-3010 May 06 j 16:53	8°♉13'13	
evening set	-3010 May 11 j 07:06	7°♉25'45	
min. Earth dist.	-3010 May 17 j 06:29	4°♉25'59	0.56810 AU
inferior conj	-3010 May 19 j 23:33	2°♉42'08	-3°-41'-54
minimum elong	-3010 May 19 j 17:59	2°♉51'04	3°40'48
	-3010 May 24 j 14:15	30°℞♈	
morning rise	-3010 May 28 j 08:57	28°♈36'55	
direct	-3010 May 30 j 20:58	28°♈19'50	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3010 Jun	05 j 17:09	0°♉		direct	-3009 May	11 j 18:19	9°♈31'25	
morning max el	-3010 Jun	09 j 07:06	2°♉42'16	19°30'11	morning max el	-3009 May	22 j 19:49	14°♈40'52	20°42'07
asc. node	-3010 Jun	19 j 17:00	17°♉05'59			-3009 Jun	03 j 02:32	0°♉	
	-3010 Jun	26 j 11:33	0°♊		asc. node	-3009 Jun	06 j 14:01	6°♉23'12	
morning set	-3010 Jun	26 j 14:25	0°♊14'21		morning set	-3009 Jun	10 j 20:28	14°♉52'59	
superior conj	-3010 Jul	04 j 18:13	16°♊33'09	1°46'33	superior conj	-3009 Jun	18 j 11:59	0°♊39'35	1°37'15
minimum elong	-3010 Jul	04 j 16:58	16°♊27'04	1°46'37	minimum elong	-3009 Jun	18 j 09:41	0°♊27'48	1°37'08
max. Earth dist.	-3010 Jul	10 j 17:48	27°♊59'25	1.37631 AU		-3009 Jun	18 j 04:14	0°♊	
	-3010 Jul	11 j 19:57	0°♋		max. Earth dist.	-3009 Jun	23 j 01:21	9°♊47'09	1.35907 AU
evening rise	-3010 Jul	14 j 15:12	5°♋03'35		evening rise	-3009 Jun	27 j 06:58	17°♊52'57	
	-3010 Jul	29 j 21:04	0°♌			-3009 Jul	04 j 01:38	0°♋	
desc. node	-3010 Jul	31 j 11:10	2°♌21'40		desc. node	-3009 Jul	18 j 08:11	22°♋16'31	
evening max el	-3010 Aug	19 j 10:49	26°♌27'47	25°13'08		-3009 Jul	24 j 02:17	0°♌	
	-3010 Aug	23 j 11:11	0°♍		evening max el	-3009 Aug	01 j 22:03	10°♌00'54	26°18'46
retrograde	-3010 Aug	31 j 08:01	3°♍21'14		retrograde	-3009 Aug	14 j 14:45	17°♌12'41	
evening set	-3010 Sep	06 j 03:51	0°♍52'59		evening set	-3009 Aug	21 j 00:51	14°♌31'18	
	-3010 Sep	07 j 02:38	30°℞♌		min. Earth dist.	-3009 Aug	25 j 04:27	10°♌05'45	0.66251 AU
min. Earth dist.	-3010 Sep	10 j 15:34	25°♌49'25	0.66983 AU	inferior conj	-3009 Aug	26 j 15:33	8°♌17'23	-2°-14'-5
inferior conj	-3010 Sep	11 j 14:48	24°♌33'21	-1°-21'-57	minimum elong	-3009 Aug	26 j 18:39	8°♌07'48	2°12'54
minimum elong	-3010 Sep	11 j 16:45	24°♌26'58	1°21'07	morning rise	-3009 Sep	01 j 13:18	2°♌25'40	
asc. node	-3010 Sep	15 j 16:10	19°♌47'05		asc. node	-3009 Sep	02 j 13:14	1°♌56'33	
morning rise	-3010 Sep	17 j 06:09	18°♌30'40		direct	-3009 Sep	04 j 14:35	1°♌32'22	
direct	-3010 Sep	20 j 16:24	17°♌22'37		morning max el	-3009 Sep	11 j 10:49	5°♌22'39	18°51'09
morning max el	-3010 Sep	28 j 02:23	21°♌38'31	19°43'08		-3009 Sep	28 j 14:33	0°♍	
	-3010 Oct	04 j 21:00	0°♍		morning set	-3009 Oct	02 j 20:07	6°♍43'07	
greatest brilliancy	-3010 Oct	06 j 07:55	2°♍02'39	-0.6m	desc. node	-3009 Oct	14 j 07:44	24°♍52'18	
morning set	-3010 Oct	23 j 03:53	27°♍31'02			-3009 Oct	17 j 13:53	0°♎	
	-3010 Oct	24 j 18:15	0°♎		max. Earth dist.	-3009 Oct	18 j 10:23	1°♎20'45	1.44841 AU
desc. node	-3010 Oct	27 j 10:47	4°♎11'17						
max. Earth dist.	-3010 Nov	04 j 17:23	17°♎12'38	1.44208 AU	superior conj	-3009 Oct	19 j 01:54	2°♎21'49	0°-30'-5
					minimum elong	-3009 Oct	18 j 21:58	2°♎06'23	0°29'36
superior conj	-3010 Nov	08 j 22:22	23°♎56'20	-1°-14'-27	evening rise	-3009 Nov	03 j 19:13	27°♎22'43	
minimum elong	-3010 Nov	08 j 15:02	23°♎26'50	1°13'43		-3009 Nov	05 j 10:15	0°♏	
	-3010 Nov	12 j 16:07	0°♏		evening max el	-3009 Nov	24 j 20:20	28°♏45'10	18°50'07
evening rise	-3010 Nov	22 j 19:33	16°♏52'02			-3009 Nov	26 j 03:36	0°♐	
	-3010 Nov	30 j 14:47	0°♐		asc. node	-3009 Nov	29 j 12:18	2°♐10'20	
evening max el	-3010 Dec	11 j 08:57	15°♐20'55	18°20'06	retrograde	-3009 Dec	01 j 15:18	2°♐35'16	
asc. node	-3010 Dec	12 j 15:14	16°♐32'04		evening set	-3009 Dec	04 j 17:10	1°♐41'08	
retrograde	-3010 Dec	17 j 22:03	18°♐54'45			-3009 Dec	06 j 21:57	30°℞♏	
evening set	-3010 Dec	20 j 18:24	18°♐11'23		inferior conj	-3009 Dec	10 j 13:19	25°♏56'02	3°11'45
inferior conj	-3010 Dec	26 j 21:51	12°♐43'42	3°41'55	minimum elong	-3009 Dec	10 j 10:16	26°♏05'23	3°10'55
minimum elong	-3010 Dec	26 j 19:21	12°♐50'42	3°41'25	min. Earth dist.	-3009 Dec	12 j 05:33	23°♏53'10	0.65209 AU
min. Earth dist.	-3010 Dec	29 j 04:59	10°♐09'36	0.63770 AU	morning rise	-3009 Dec	16 j 02:20	19°♏47'23	
morning rise	-3009 Jan	01 j 18:46	6°♐42'28		direct	-3009 Dec	22 j 17:22	16°♏57'38	
direct	-3009 Jan	08 j 18:20	3°♐54'01		morning max el	-3008 Jan	04 j 19:18	24°♏33'35	26°52'04
morning max el	-3009 Jan	22 j 09:49	11°♐39'35	27°33'35		-3008 Jan	09 j 18:22	0°♐	
desc. node	-3009 Jan	23 j 10:11	12°♐41'19		desc. node	-3008 Jan	10 j 07:13	0°♐38'22	
	-3009 Feb	06 j 00:59	0°♑			-3008 Jan	30 j 10:38	0°♑	
	-3009 Feb	23 j 17:20	0°♒		morning set	-3008 Feb	09 j 13:32	18°♑12'12	
morning set	-3009 Feb	26 j 02:26	4°♒38'49		max. Earth dist.	-3008 Feb	14 j 00:55	26°♑59'42	1.34458 AU
max. Earth dist.	-3009 Mar	03 j 06:44	15°♒13'53	1.33391 AU		-3008 Feb	15 j 12:29	0°♒	
superior conj	-3009 Mar	05 j 22:08	20°♒49'34	0°-47'-21	superior conj	-3008 Feb	18 j 00:23	5°♒08'49	-1°-11'-17
minimum elong	-3009 Mar	06 j 00:15	21°♒00'53	0°47'01	minimum elong	-3008 Feb	18 j 03:22	5°♒24'21	1°10'53
	-3009 Mar	10 j 04:45	0°♓		asc. node	-3008 Feb	25 j 11:35	20°♒48'41	
asc. node	-3009 Mar	10 j 14:34	0°♓52'29		evening rise	-3008 Feb	25 j 12:47	20°♒54'57	
evening rise	-3009 Mar	13 j 03:04	6°♓13'26			-3008 Mar	01 j 01:01	0°♓	
	-3009 Mar	25 j 23:06	0°♈		evening max el	-3008 Mar	16 j 09:08	22°♓47'44	21°21'11
evening max el	-3009 Apr	04 j 10:57	11°♈53'10	22°51'27	retrograde	-3008 Mar	28 j 07:03	28°♓31'41	
retrograde	-3009 Apr	17 j 16:51	18°♈24'10		evening set	-3008 Mar	30 j 18:43	28°♓17'34	
evening set	-3009 Apr	20 j 23:43	18°♈00'34		desc. node	-3008 Apr	07 j 06:12	25°♓18'33	
desc. node	-3009 Apr	21 j 09:06	17°♈54'45		inferior conj	-3008 Apr	09 j 01:43	24°♓17'58	0°-30'-26
min. Earth dist.	-3009 Apr	28 j 20:41	14°♈32'09	0.55543 AU	minimum elong	-3008 Apr	09 j 00:17	24°♓19'58	0°29'57
inferior conj	-3009 Apr	30 j 06:07	13°♈43'54	-2°-22'-14	min. Earth dist.	-3008 Apr	09 j 10:21	24°♓05'48	0.55121 AU
minimum elong	-3009 Apr	30 j 00:21	13°♈52'14	2°20'30	morning rise	-3008 Apr	18 j 05:45	20°♓14'34	
morning rise	-3009 May	09 j 03:37	9°♈47'33		direct	-3008 Apr	21 j 06:22	19°♓54'33	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3008 May 03 j 21:35	25°♓56'44	22°11'17
	-3008 May 07 j 16:52	0°♈	
asc. node	-3008 May 23 j 11:02	26°♈02'46	
morning set	-3008 May 25 j 06:20	29°♈45'17	
	-3008 May 25 j 09:10	0°♉	
superior conj	-3008 Jun 01 j 13:48	15°♉11'26	1°22'26
minimum elong	-3008 Jun 01 j 11:09	14°♉57'32	1°22'09
max. Earth dist.	-3008 Jun 04 j 18:24	21°♉49'52	1.34519 AU
	-3008 Jun 08 j 19:59	0°♊	
evening rise	-3008 Jun 09 j 14:27	1°♊30'10	
	-3008 Jun 26 j 00:44	0°♋	
desc. node	-3008 Jul 04 j 05:14	11°♋40'51	
evening max el	-3008 Jul 14 j 09:41	23°♋26'58	27°05'02
	-3008 Jul 23 j 16:54	0°♌	
retrograde	-3008 Jul 27 j 16:04	0°♌47'24	
	-3008 Jul 31 j 09:25	30°℞♋	
evening set	-3008 Aug 03 j 13:49	28°♋00'47	
min. Earth dist.	-3008 Aug 07 j 10:03	24°♋13'38	0.65146 AU
inferior conj	-3008 Aug 09 j 10:22	21°♋55'56	-3°-2'-23
minimum elong	-3008 Aug 09 j 14:15	21°♋44'52	3°01'10
morning rise	-3008 Aug 15 j 16:00	16°♋18'41	
direct	-3008 Aug 18 j 10:40	15°♋36'52	
asc. node	-3008 Aug 19 j 10:17	15°♋42'06	
morning max el	-3008 Aug 24 j 23:51	19°♋10'13	18°15'43
	-3008 Sep 02 j 01:55	0°♌	
morning set	-3008 Sep 12 j 15:56	17°♌16'29	
	-3008 Sep 20 j 10:16	0°♍	
superior conj	-3008 Sep 27 j 03:41	10°♍47'41	0°19'26
minimum elong	-3008 Sep 27 j 06:06	10°♍57'18	0°19'09
max. Earth dist.	-3008 Sep 30 j 05:05	15°♍38'32	1.44735 AU
desc. node	-3008 Sep 30 j 04:43	15°♍37'07	
	-3008 Oct 09 j 08:42	0°♎	
evening rise	-3008 Oct 13 j 18:46	6°♎53'33	
	-3008 Oct 28 j 20:02	0°♏	
greatest brilliancy	-3008 Oct 29 j 18:17	1°♏21'20	-0.7m
evening max el	-3008 Nov 07 j 04:08	12°♏11'58	19°36'37
retrograde	-3008 Nov 14 j 11:52	16°♏27'07	
asc. node	-3008 Nov 15 j 09:21	16°♏22'30	
evening set	-3008 Nov 17 j 21:10	15°♏20'01	
inferior conj	-3008 Nov 23 j 11:59	9°♏20'35	2°32'16
minimum elong	-3008 Nov 23 j 09:05	9°♏30'02	2°31'16
min. Earth dist.	-3008 Nov 24 j 14:34	7°♏53'57	0.66278 AU
morning rise	-3008 Nov 28 j 20:18	3°♏06'44	
direct	-3008 Dec 04 j 22:09	0°♏27'31	
morning max el	-3008 Dec 17 j 04:35	7°♏42'12	25°45'54
desc. node	-3008 Dec 27 j 04:15	19°♏29'43	
	-3007 Jan 03 j 16:00	0°♐	
	-3007 Jan 21 j 21:31	0°♑	
morning set	-3007 Jan 22 j 09:53	0°♑56'28	
max. Earth dist.	-3007 Jan 26 j 07:35	8°♑15'04	1.35973 AU
superior conj	-3007 Jan 31 j 18:55	18°♑59'51	-1°-32'-19
minimum elong	-3007 Jan 31 j 22:14	19°♑16'32	1°32'01
	-3007 Feb 06 j 04:25	0°♒	
evening rise	-3007 Feb 08 j 18:49	5°♒19'13	
asc. node	-3007 Feb 11 j 08:37	10°♒29'48	
	-3007 Feb 22 j 22:35	0°♓	
evening max el	-3007 Feb 26 j 17:15	4°♓13'52	20°04'30
retrograde	-3007 Mar 08 j 22:58	9°♓06'17	
evening set	-3007 Mar 11 j 05:08	8°♓53'06	
inferior conj	-3007 Mar 20 j 00:18	4°♓53'07	1°23'55
minimum elong	-3007 Mar 20 j 03:46	4°♓47'51	1°22'44
min. Earth dist.	-3007 Mar 22 j 00:24	3°♓40'34	0.55636 AU
desc. node	-3007 Mar 25 j 03:17	1°♓56'57	
morning rise	-3007 Mar 28 j 23:41	0°♓25'23	
	-3007 Mar 30 j 23:40	30°℞♒	
direct	-3007 Apr 01 j 21:27	29°♒51'53	
	-3007 Apr 03 j 18:58	0°♓	
morning max el	-3007 Apr 15 j 15:13	6°♓40'18	23°50'15
	-3007 May 02 j 06:34	0°♈	
morning set	-3007 May 09 j 18:10	14°♈45'21	
asc. node	-3007 May 10 j 08:05	15°♈58'28	
superior conj	-3007 May 16 j 20:57	0°♉00'18	1°03'33
minimum elong	-3007 May 16 j 18:33	29°♈47'24	1°03'11
	-3007 May 16 j 20:54	0°♉	
max. Earth dist.	-3007 May 18 j 20:50	4°♉16'27	1.33500 AU
evening rise	-3007 May 24 j 09:13	15°♉42'13	
	-3007 May 31 j 21:32	0°♊	
	-3007 Jun 20 j 18:58	0°♋	
desc. node	-3007 Jun 21 j 02:17	0°♋21'52	
evening max el	-3007 Jun 26 j 20:11	6°♋34'02	27°24'53
retrograde	-3007 Jul 10 j 11:45	13°♋56'52	
evening set	-3007 Jul 17 j 15:35	11°♋16'35	
min. Earth dist.	-3007 Jul 21 j 06:28	8°♋03'54	0.63660 AU
inferior conj	-3007 Jul 23 j 20:42	5°♋23'33	-3°-43'-54
minimum elong	-3007 Jul 24 j 00:38	5°♋13'24	3°42'58
morning rise	-3007 Jul 30 j 11:37	0°♋04'06	
	-3007 Jul 30 j 15:39	30°℞♊	
direct	-3007 Aug 02 j 01:56	29°♊30'52	
	-3007 Aug 04 j 11:51	0°♋	
asc. node	-3007 Aug 06 j 07:22	0°♋59'00	
morning max el	-3007 Aug 08 j 14:55	2°♋55'58	17°57'43
morning set	-3007 Aug 25 j 13:22	29°♋02'47	
	-3007 Aug 26 j 02:33	0°♌	
superior conj	-3007 Sep 07 j 00:38	20°♌12'16	1°01'45
minimum elong	-3007 Sep 07 j 06:11	20°♌35'07	1°01'09
max. Earth dist.	-3007 Sep 12 j 21:33	29°♌44'24	1.43917 AU
	-3007 Sep 13 j 01:27	0°♍	
desc. node	-3007 Sep 17 j 01:42	6°♍22'05	
evening rise	-3007 Sep 23 j 01:33	15°♍42'54	
	-3007 Oct 02 j 10:32	0°♎	
greatest brilliancy	-3007 Oct 15 j 05:35	18°♎23'57	-0.5m
evening max el	-3007 Oct 21 j 06:33	25°♎38'26	20°37'41
	-3007 Oct 27 j 03:36	0°♏	
retrograde	-3007 Oct 29 j 09:17	0°♏26'03	
	-3007 Oct 31 j 12:41	30°℞♎	
evening set	-3007 Nov 02 j 04:08	29°♎03'37	
asc. node	-3007 Nov 02 j 06:26	28°♎59'21	
inferior conj	-3007 Nov 07 j 15:20	22°♎53'17	1°46'17
minimum elong	-3007 Nov 07 j 13:05	23°♎00'56	1°45'24
min. Earth dist.	-3007 Nov 08 j 05:55	22°♎03'49	0.66994 AU
morning rise	-3007 Nov 12 j 21:34	16°♎36'40	
direct	-3007 Nov 18 j 08:18	14°♎15'22	
morning max el	-3007 Nov 29 j 13:18	20°♎56'19	24°24'25
	-3007 Dec 07 j 09:11	0°♏	
desc. node	-3007 Dec 14 j 01:17	8°♏59'03	
	-3007 Dec 27 j 21:51	0°♐	
morning set	-3006 Jan 04 j 09:40	12°♐35'14	
max. Earth dist.	-3006 Jan 08 j 05:10	19°♐21'15	1.37866 AU
	-3006 Jan 13 j 22:38	0°♑	
superior conj	-3006 Jan 15 j 02:20	2°♑12'43	-1°-48'-18
minimum elong	-3006 Jan 15 j 05:02	2°♑25'42	1°48'14
evening rise	-3006 Jan 23 j 18:50	19°♑19'06	
asc. node	-3006 Jan 29 j 05:40	29°♑49'24	
	-3006 Jan 29 j 07:58	0°♒	
evening max el	-3006 Feb 09 j 11:55	16°♒16'11	19°06'16
retrograde	-3006 Feb 18 j 04:05	20°♒25'24	
evening set	-3006 Feb 20 j 12:03	20°♒08'40	
inferior conj	-3006 Feb 28 j 14:12	15°♒55'20	2°51'29

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3006 Feb 28 j 19:00	15°♒47'00	2°50'16
min. Earth dist.	-3006 Mar 03 j 15:50	13°♒48'43	0.56967 AU
morning rise	-3006 Mar 08 j 22:01	10°♒56'23	
desc. node	-3006 Mar 12 j 00:23	10°♒04'40	
direct	-3006 Mar 14 j 00:41	9°♒55'01	
morning max el	-3006 Mar 28 j 06:12	17°♒14'34	25°26'21
	-3006 Apr 07 j 17:12	0°♓	
morning set	-3006 Apr 24 j 06:17	29°♓46'59	
	-3006 Apr 24 j 08:46	0°♈	
asc. node	-3006 Apr 27 j 05:08	6°♈04'47	
superior conj	-3006 May 01 j 07:18	14°♈58'49	0°41'42
minimum elong	-3006 May 01 j 05:34	14°♈49'21	0°41'23
max. Earth dist.	-3006 May 02 j 06:13	17°♈03'34	1.32840 AU
evening rise	-3006 May 08 j 11:49	0°♉18'10	
	-3006 May 08 j 08:17	0°♉	
	-3006 May 24 j 23:24	0°♊	
desc. node	-3006 Jun 07 j 23:19	18°♊01'29	
evening max el	-3006 Jun 09 j 03:22	19°♊10'22	27°13'27
retrograde	-3006 Jun 23 j 01:08	26°♊32'10	
evening set	-3006 Jun 30 j 02:21	24°♊12'31	
min. Earth dist.	-3006 Jul 03 j 17:01	21°♊24'06	0.61835 AU
inferior conj	-3006 Jul 06 j 19:30	18°♊33'55	-4°-14'00
minimum elong	-3006 Jul 06 j 22:17	18°♊27'31	4°13'35
morning rise	-3006 Jul 13 j 20:56	13°♊34'52	
direct	-3006 Jul 16 j 08:55	13°♊07'57	
morning max el	-3006 Jul 23 j 05:17	16°♊33'58	17°58'04
asc. node	-3006 Jul 24 j 04:28	17°♊33'51	
	-3006 Aug 01 j 16:37	0°♋	
morning set	-3006 Aug 08 j 07:02	11°♋47'32	
	-3006 Aug 18 j 11:31	0°♌	
superior conj	-3006 Aug 19 j 01:09	0°♌59'06	1°30'25
minimum elong	-3006 Aug 19 j 05:46	1°♌19'05	1°30'05
max. Earth dist.	-3006 Aug 26 j 09:01	13°♌20'47	1.42510 AU
evening rise	-3006 Sep 02 j 09:21	24°♌37'56	
desc. node	-3006 Sep 03 j 22:42	27°♌04'23	
	-3006 Sep 05 j 19:54	0°♍	
	-3006 Sep 26 j 11:48	0°♎	
greatest brilliancy	-3006 Sep 29 j 06:34	3°♎33'22	-0.4m
evening max el	-3006 Oct 04 j 02:54	9°♎04'41	21°50'13
retrograde	-3006 Oct 13 j 05:35	14°♎29'39	
evening set	-3006 Oct 17 j 12:10	12°♎49'36	
asc. node	-3006 Oct 20 j 03:32	10°♎09'24	
inferior conj	-3006 Oct 22 j 21:20	6°♎32'05	0°55'57
minimum elong	-3006 Oct 22 j 20:04	6°♎36'28	0°55'25
min. Earth dist.	-3006 Oct 23 j 01:08	6°♎18'58	0.67388 AU
morning rise	-3006 Oct 28 j 03:43	0°♎15'28	
	-3006 Oct 28 j 11:17	30°℞♍	
direct	-3006 Nov 01 j 23:09	28°♍15'29	
	-3006 Nov 06 j 23:26	0°♎	
morning max el	-3006 Nov 11 j 23:17	4°♎13'25	22°57'31
greatest brilliancy	-3006 Nov 16 j 19:50	9°♎40'39	-0.3m
desc. node	-3006 Nov 30 j 22:19	28°♎55'35	
	-3006 Dec 01 j 15:46	0°♏	
morning set	-3006 Dec 16 j 06:49	22°♏53'45	
	-3006 Dec 20 j 12:13	0°♐	
max. Earth dist.	-3006 Dec 21 j 00:41	0°♐53'29	1.39948 AU
superior conj	-3006 Dec 28 j 18:13	14°♐36'27	-1°-56'-19
minimum elong	-3006 Dec 28 j 18:52	14°♐39'26	1°56'26
	-3005 Jan 05 j 22:53	0°♑	
evening rise	-3005 Jan 07 j 10:04	2°♑48'03	
asc. node	-3005 Jan 16 j 02:43	18°♑40'36	
evening max el	-3005 Jan 23 j 15:20	28°♑50'32	18°27'59
	-3005 Jan 24 j 22:34	0°♒	
retrograde	-3005 Jan 31 j 03:33	2°♒31'30	
evening set	-3005 Feb 02 j 14:59	2°♒08'45	
	-3005 Feb 06 j 20:12	30°℞♑	
inferior conj	-3005 Feb 10 j 00:33	27°♑35'20	3°41'54
minimum elong	-3005 Feb 10 j 03:31	27°♑29'21	3°41'27
min. Earth dist.	-3005 Feb 13 j 10:20	24°♑51'50	0.58830 AU
morning rise	-3005 Feb 17 j 12:28	22°♑10'35	
direct	-3005 Feb 23 j 17:23	20°♑31'03	
desc. node	-3005 Feb 26 j 21:30	20°♑56'26	
morning max el	-3005 Mar 10 j 00:03	28°♑06'35	26°44'16
	-3005 Mar 11 j 20:37	0°♒	
	-3005 Apr 01 j 05:51	0°♓	
morning set	-3005 Apr 08 j 16:56	14°♓43'31	
asc. node	-3005 Apr 14 j 02:10	26°♓16'34	
superior conj	-3005 Apr 15 j 18:59	29°♓59'58	0°17'48
minimum elong	-3005 Apr 15 j 18:12	29°♓55'40	0°17'37
	-3005 Apr 15 j 18:59	0°♈	
max. Earth dist.	-3005 Apr 15 j 19:05	0°♈00'31	1.32534 AU
evening rise	-3005 Apr 22 j 19:31	15°♈08'25	
	-3005 Apr 30 j 08:24	0°♉	
	-3005 May 21 j 02:13	0°♊	
evening max el	-3005 May 22 j 05:03	1°♊05'58	26°29'14
desc. node	-3005 May 25 j 20:24	4°♊13'15	
retrograde	-3005 Jun 05 j 06:35	8°♊24'00	
evening set	-3005 Jun 11 j 17:39	6°♊38'04	
min. Earth dist.	-3005 Jun 15 j 18:21	3°♊58'07	0.59807 AU
inferior conj	-3005 Jun 19 j 03:06	1°♊17'16	-4°-25'-36
minimum elong	-3005 Jun 19 j 03:10	1°♊17'08	4°25'32
	-3005 Jun 20 j 18:27	30°℞♉	
morning rise	-3005 Jun 26 j 16:10	26°♉40'13	
direct	-3005 Jun 29 j 03:34	26°♉17'52	
morning max el	-3005 Jul 06 j 15:54	29°♉55'22	18°17'47
	-3005 Jul 06 j 17:50	0°♊	
asc. node	-3005 Jul 11 j 01:32	5°♊10'14	
morning set	-3005 Jul 22 j 15:37	25°♊16'29	
	-3005 Jul 25 j 03:22	0°♋	
superior conj	-3005 Aug 01 j 02:51	13°♋00'57	1°45'16
minimum elong	-3005 Aug 01 j 04:57	13°♋10'32	1°45'16
max. Earth dist.	-3005 Aug 08 j 14:52	26°♋16'16	1.40704 AU
	-3005 Aug 10 j 19:40	0°♌	
evening rise	-3005 Aug 13 j 11:56	4°♌26'45	
desc. node	-3005 Aug 21 j 19:41	17°♌39'56	
	-3005 Aug 30 j 02:23	0°♍	
greatest brilliancy	-3005 Sep 11 j 04:25	16°♍16'38	-0.2m
evening max el	-3005 Sep 16 j 17:56	22°♍31'50	23°09'39
retrograde	-3005 Sep 26 j 23:09	28°♍34'47	
evening set	-3005 Oct 01 j 19:26	26°♍35'34	
inferior conj	-3005 Oct 07 j 04:05	20°♍14'33	0°02'59
minimum elong	-3005 Oct 07 j 04:01	20°♍14'48	0°02'58
transit middle	-3005 Oct 07 j 04:01	20°♍14'48	0°02'58
transit begin	-3005 Oct 07 j 01:21	20°♍23'57	
transit end	-3005 Oct 07 j 06:40	20°♍05'40	
min. Earth dist.	-3005 Oct 06 j 21:39	20°♍36'41	0.67477 AU
asc. node	-3005 Oct 07 j 00:37	20°♍26'29	
morning rise	-3005 Oct 12 j 12:35	14°♍00'59	
direct	-3005 Oct 16 j 17:45	12°♍22'43	
morning max el	-3005 Oct 25 j 13:49	17°♍35'53	21°33'55
greatest brilliancy	-3005 Oct 30 j 16:00	23°♍26'46	-0.4m
	-3005 Nov 04 j 15:06	0°♎	
desc. node	-3005 Nov 17 j 19:19	19°♎11'10	
	-3005 Nov 24 j 19:20	0°♏	
morning set	-3005 Nov 25 j 23:24	1°♏50'41	
max. Earth dist.	-3005 Dec 03 j 01:41	13°♏18'33	1.41934 AU
superior conj	-3005 Dec 10 j 13:07	25°♏57'22	-1°-52'-41
minimum elong	-3005 Dec 10 j 10:10	25°♏44'36	1°52'39

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3005 Dec 12 j 20:39	0°♐	
evening rise	-3005 Dec 21 j 13:03	15°♐38'27	
	-3005 Dec 29 j 13:56	0°♑	
asc. node	-3004 Jan 02 j 23:45	6°♑54'31	
evening max el	-3004 Jan 07 j 00:39	11°♑48'35	18°09'42
retrograde	-3004 Jan 13 j 20:13	15°♑16'52	
evening set	-3004 Jan 16 j 10:50	14°♑46'51	
inferior conj	-3004 Jan 23 j 06:28	9°♑51'14	3°59'44
minimum elong	-3004 Jan 23 j 06:45	9°♑50'34	3°59'37
min. Earth dist.	-3004 Jan 26 j 10:43	6°♑54'55	0.60866 AU
morning rise	-3004 Jan 30 j 00:02	4°♑08'26	
direct	-3004 Feb 05 j 20:49	1°♑52'40	
desc. node	-3004 Feb 13 j 18:35	4°♑31'18	
morning max el	-3004 Feb 19 j 23:57	9°♑35'30	27°31'49
	-3004 Mar 06 j 18:51	0°♒	
morning set	-3004 Mar 23 j 00:18	29°♒28'40	
	-3004 Mar 23 j 06:23	0°♓	
max. Earth dist.	-3004 Mar 29 j 07:50	12°♓55'12	1.32579 AU
superior conj	-3004 Mar 30 j 06:21	14°♓57'58	0°-7'-21
minimum elong	-3004 Mar 30 j 06:41	14°♓59'48	0°07'19
behind sun begin	-3004 Mar 30 j 02:11	14°♓35'12	
behind sun end	-3004 Mar 30 j 11:11	15°♓24'24	
asc. node	-3004 Mar 30 j 23:10	16°♓29'52	
evening rise	-3004 Apr 06 j 06:11	0°♈05'32	
	-3004 Apr 06 j 05:08	0°♈	
	-3004 Apr 22 j 20:39	0°♉	
evening max el	-3004 May 03 j 00:28	12°♉19'52	25°16'24
desc. node	-3004 May 11 j 17:28	18°♉23'09	
retrograde	-3004 May 17 j 01:43	19°♉29'33	
evening set	-3004 May 22 j 10:48	18°♉22'16	
min. Earth dist.	-3004 May 27 j 12:37	15°♉34'00	0.57820 AU
inferior conj	-3004 May 30 j 16:03	13°♉24'07	-4°-8'-46
minimum elong	-3004 May 30 j 12:18	13°♉30'36	4°08'16
morning rise	-3004 Jun 07 j 17:48	9°♉08'26	
direct	-3004 Jun 10 j 05:38	8°♉49'34	
morning max el	-3004 Jun 18 j 19:53	12°♉51'13	18°57'49
asc. node	-3004 Jun 26 j 22:36	23°♉34'23	
	-3004 Jun 30 j 14:21	0°♊	
morning set	-3004 Jul 05 j 10:55	9°♊18'52	
superior conj	-3004 Jul 14 j 00:09	26°♊02'43	1°48'42
minimum elong	-3004 Jul 13 j 23:54	26°♊01'35	1°48'48
	-3004 Jul 16 j 02:09	0°♋	
max. Earth dist.	-3004 Jul 20 j 17:21	8°♋31'28	1.38739 AU
evening rise	-3004 Jul 24 j 16:20	15°♋29'57	
	-3004 Aug 02 j 10:55	0°♌	
desc. node	-3004 Aug 07 j 16:39	8°♌04'25	
	-3004 Aug 23 j 18:17	0°♍	
evening max el	-3004 Aug 29 j 05:43	6°♍01'46	24°29'41
retrograde	-3004 Sep 09 j 12:58	12°♍38'34	
evening set	-3004 Sep 15 j 00:14	10°♍20'11	
min. Earth dist.	-3004 Sep 19 j 17:00	4°♍55'51	0.67261 AU
inferior conj	-3004 Sep 20 j 09:54	3°♍59'12	0°-51'00
minimum elong	-3004 Sep 20 j 11:07	3°♍55'08	0°50'28
asc. node	-3004 Sep 22 j 21:43	0°♍47'06	
	-3004 Sep 23 j 14:12	30°℞♌	
morning rise	-3004 Sep 25 j 22:17	27°♌51'49	
direct	-3004 Sep 29 j 14:53	26°♌33'33	
	-3004 Oct 06 j 07:38	0°♍	
morning max el	-3004 Oct 07 j 11:26	1°♍07'31	20°19'50
greatest brilliancy	-3004 Oct 14 j 04:01	9°♍13'46	-0.6m
	-3004 Oct 28 j 09:06	0°♎	
morning set	-3004 Nov 03 j 22:03	10°♎02'19	
desc. node	-3004 Nov 03 j 16:16	9°♎39'56	
max. Earth dist.	-3004 Nov 14 j 10:41	26°♎37'16	1.43544 AU
	-3004 Nov 16 j 12:57	0°♏	
superior conj	-3004 Nov 20 j 05:41	6°♏02'33	-1°-33'-26
minimum elong	-3004 Nov 19 j 23:03	5°♏35'11	1°32'56
evening rise	-3004 Dec 02 j 23:35	27°♏41'19	
	-3004 Dec 04 j 07:28	0°♐	
asc. node	-3004 Dec 19 j 20:48	24°♐19'08	
evening max el	-3004 Dec 20 j 12:51	25°♐01'12	18°10'52
retrograde	-3004 Dec 27 j 01:49	28°♐29'57	
evening set	-3004 Dec 29 j 19:48	27°♐51'45	
inferior conj	-3003 Jan 05 j 04:23	22°♐34'54	3°53'29
minimum elong	-3003 Jan 05 j 02:37	22°♐39'33	3°53'12
min. Earth dist.	-3003 Jan 07 j 19:51	19°♐48'05	0.62787 AU
morning rise	-3003 Jan 11 j 07:36	16°♐39'15	
direct	-3003 Jan 18 j 08:46	13°♐58'45	
desc. node	-3003 Jan 30 j 15:39	20°♐14'28	
morning max el	-3003 Feb 01 j 05:40	21°♐44'41	27°43'17
	-3003 Feb 08 j 12:12	0°♑	
	-3003 Feb 27 j 20:20	0°♒	
morning set	-3003 Mar 07 j 02:10	13°♒53'43	
max. Earth dist.	-3003 Mar 12 j 16:29	25°♒32'23	1.32987 AU
superior conj	-3003 Mar 14 j 15:41	29°♒45'52	0°-32'-52
minimum elong	-3003 Mar 14 j 17:10	29°♒53'56	0°32'37
	-3003 Mar 14 j 18:18	0°♓	
asc. node	-3003 Mar 17 j 20:10	6°♓39'51	
evening rise	-3003 Mar 21 j 17:52	15°♓01'29	
	-3003 Mar 29 j 07:17	0°♈	
evening max el	-3003 Apr 14 j 15:59	23°♈04'30	23°45'46
retrograde	-3003 Apr 28 j 08:41	29°♈55'08	
desc. node	-3003 Apr 28 j 14:33	29°♈55'00	
evening set	-3003 May 02 j 09:06	29°♈19'30	
min. Earth dist.	-3003 May 09 j 03:07	26°♈09'11	0.56188 AU
inferior conj	-3003 May 11 j 08:46	24°♈47'51	-3°-13'-8
minimum elong	-3003 May 11 j 02:32	24°♈57'21	3°11'35
morning rise	-3003 May 19 j 23:40	20°♈48'20	
direct	-3003 May 22 j 12:35	20°♈31'55	
morning max el	-3003 Jun 01 j 14:38	25°♈12'19	19°58'31
	-3003 Jun 05 j 21:40	0°♉	
asc. node	-3003 Jun 13 j 19:37	12°♉34'39	
morning set	-3003 Jun 19 j 13:44	23°♉46'04	
	-3003 Jun 22 j 15:18	0°♊	
superior conj	-3003 Jun 27 j 11:41	9°♊49'09	1°43'23
minimum elong	-3003 Jun 27 j 09:54	9°♊40'12	1°43'23
max. Earth dist.	-3003 Jul 02 j 21:15	20°♊21'07	1.36860 AU
evening rise	-3003 Jul 06 j 20:33	27°♊43'45	
	-3003 Jul 08 j 02:47	0°♋	
desc. node	-3003 Jul 25 j 13:39	28°♋12'19	
	-3003 Jul 26 j 19:39	0°♌	
evening max el	-3003 Aug 11 j 16:30	19°♌34'14	25°42'54
retrograde	-3003 Aug 23 j 22:28	26°♌36'42	
evening set	-3003 Aug 30 j 00:43	24°♌01'50	
min. Earth dist.	-3003 Sep 03 j 08:50	19°♌14'34	0.66716 AU
inferior conj	-3003 Sep 04 j 13:02	17°♌44'21	-1°-44'-23
minimum elong	-3003 Sep 04 j 15:30	17°♌36'27	1°43'22
asc. node	-3003 Sep 09 j 18:47	12°♌06'41	
morning rise	-3003 Sep 10 j 06:56	11°♌46'14	
direct	-3003 Sep 13 j 13:05	10°♌44'56	
morning max el	-3003 Sep 20 j 16:25	14°♌48'37	19°19'11
greatest brilliancy	-3003 Sep 30 j 23:05	28°♌22'20	-0.7m
	-3003 Oct 02 j 01:08	0°♍	
morning set	-3003 Oct 14 j 02:04	18°♍37'12	
	-3003 Oct 21 j 08:39	0°♎	
desc. node	-3003 Oct 21 j 13:14	0°♎17'56	
max. Earth dist.	-3003 Oct 28 j 01:39	10°♎33'15	1.44564 AU
superior conj	-3003 Oct 30 j 19:53	14°♎55'46	0°-57'-4
minimum elong	-3003 Oct 30 j 13:17	14°♎29'31	0°56'20

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3003 Nov 09 j 04:33	0°♏	
evening rise	-3003 Nov 14 j 13:12	8°♏48'35	
	-3003 Nov 27 j 14:42	0°♐	
evening max el	-3003 Dec 04 j 01:12	8°♐22'37	18°30'39
asc. node	-3003 Dec 06 j 17:51	10°♐40'56	
retrograde	-3003 Dec 10 j 16:01	12°♐02'36	
evening set	-3003 Dec 13 j 14:26	11°♐14'56	
inferior conj	-3003 Dec 19 j 14:30	5°♐39'14	3°30'29
minimum elong	-3003 Dec 19 j 11:40	5°♐47'30	3°29'50
min. Earth dist.	-3003 Dec 21 j 15:08	3°♐17'30	0.64425 AU
	-3003 Dec 24 j 19:40	30°℞♏	
morning rise	-3003 Dec 25 j 07:36	29°♏34'18	
direct	-3002 Jan 01 j 04:05	26°♏43'48	
	-3002 Jan 09 j 11:18	0°♐	
morning max el	-3002 Jan 14 j 14:48	4°♐26'51	27°19'30
desc. node	-3002 Jan 17 j 12:42	7°♐31'09	
	-3002 Feb 03 j 00:57	0°♑	
morning set	-3002 Feb 18 j 19:43	27°♑49'37	
	-3002 Feb 19 j 22:12	0°♒	
max. Earth dist.	-3002 Feb 23 j 16:58	7°♒39'21	1.33795 AU
superior conj	-3002 Feb 26 j 21:08	14°♒17'33	0°-57'-45
minimum elong	-3002 Feb 26 j 23:40	14°♒30'56	0°57'23
asc. node	-3002 Mar 04 j 17:10	26°♒42'24	
evening rise	-3002 Mar 06 j 04:50	29°♒50'03	
	-3002 Mar 06 j 06:45	0°♓	
	-3002 Mar 23 j 21:20	0°♈	
evening max el	-3002 Mar 27 j 09:50	3°♈47'27	22°11'43
retrograde	-3002 Apr 09 j 04:03	10°♈00'43	
evening set	-3002 Apr 12 j 00:46	9°♈42'34	
desc. node	-3002 Apr 15 j 11:40	8°♈37'01	
min. Earth dist.	-3002 Apr 20 j 16:54	5°♈57'35	0.55249 AU
inferior conj	-3002 Apr 21 j 09:10	5°♈34'34	-1°-37'-15
minimum elong	-3002 Apr 21 j 04:49	5°♈40'44	1°35'48
morning rise	-3002 Apr 30 j 10:34	1°♈37'43	
direct	-3002 May 03 j 03:59	1°♈20'56	
morning max el	-3002 May 14 j 22:40	6°♈52'41	21°18'23
	-3002 May 30 j 15:37	0°♉	
asc. node	-3002 May 31 j 16:38	2°♉02'04	
morning set	-3002 Jun 03 j 21:36	8°♉30'53	
superior conj	-3002 Jun 11 j 09:14	24°♉07'31	1°31'33
minimum elong	-3002 Jun 11 j 06:42	23°♉54'25	1°31'21
	-3002 Jun 14 j 06:06	0°♊	
max. Earth dist.	-3002 Jun 15 j 08:12	2°♊11'16	1.35263 AU
evening rise	-3002 Jun 19 j 19:32	10°♊54'45	
	-3002 Jun 30 j 14:08	0°♋	
desc. node	-3002 Jul 12 j 10:42	17°♋55'36	
	-3002 Jul 22 j 04:07	0°♌	
evening max el	-3002 Jul 25 j 03:43	3°♌04'35	26°41'19
retrograde	-3002 Aug 07 j 03:07	10°♌22'02	
evening set	-3002 Aug 13 j 18:39	7°♌36'56	
min. Earth dist.	-3002 Aug 17 j 18:49	3°♌28'04	0.65818 AU
inferior conj	-3002 Aug 19 j 11:31	1°♌26'18	-2°-35'-15
minimum elong	-3002 Aug 19 j 15:00	1°♌15'51	2°34'00
	-3002 Aug 20 j 16:45	30°℞♋	
morning rise	-3002 Aug 25 j 12:28	25°♋40'34	
asc. node	-3002 Aug 27 j 15:52	24°♋56'07	
direct	-3002 Aug 28 j 10:32	24°♋52'43	
morning max el	-3002 Sep 04 j 03:08	28°♋35'01	18°34'04
	-3002 Sep 05 j 10:34	0°♌	
morning set	-3002 Sep 24 j 05:38	28°♌22'58	
	-3002 Sep 25 j 05:42	0°♍	
desc. node	-3002 Oct 08 j 10:12	21°♍01'07	
superior conj	-3002 Oct 09 j 19:48	23°♍13'34	0°-8'-57
minimum elong	-3002 Oct 09 j 18:37	23°♍08'55	0°08'47
behind sun begin	-3002 Oct 09 j 08:56	22°♍30'46	
behind sun end	-3002 Oct 10 j 04:18	23°♍47'03	
max. Earth dist.	-3002 Oct 10 j 19:22	24°♍46'25	1.44879 AU
	-3002 Oct 14 j 03:05	0°♎	
evening rise	-3002 Oct 26 j 02:21	18°♎52'59	
	-3002 Nov 02 j 02:46	0°♏	
evening max el	-3002 Nov 17 j 11:17	21°♏48'16	19°07'57
asc. node	-3002 Nov 23 j 14:55	25°♏44'23	
retrograde	-3002 Nov 24 j 11:03	25°♏48'21	
evening set	-3002 Nov 27 j 15:43	24°♏49'11	
inferior conj	-3002 Dec 03 j 09:24	18°♏57'40	2°55'57
minimum elong	-3002 Dec 03 j 06:20	19°♏07'20	2°55'01
min. Earth dist.	-3002 Dec 04 j 19:43	17°♏09'35	0.65707 AU
morning rise	-3002 Dec 08 j 20:02	12°♏46'15	
direct	-3002 Dec 15 j 05:49	9°♏59'34	
morning max el	-3002 Dec 28 j 00:28	17°♏28'56	26°26'19
desc. node	-3001 Jan 04 j 09:44	25°♏53'46	
	-3001 Jan 07 j 13:31	0°♐	
	-3001 Jan 26 j 22:42	0°♑	
morning set	-3001 Feb 02 j 01:14	11°♑04'32	
max. Earth dist.	-3001 Feb 06 j 06:04	19°♑10'11	1.35045 AU
superior conj	-3001 Feb 10 j 20:29	28°♑26'11	-1°-20'-40
minimum elong	-3001 Feb 10 j 23:42	28°♑42'41	1°20'19
	-3001 Feb 11 j 14:43	0°♒	
evening rise	-3001 Feb 18 j 13:15	14°♒25'07	
asc. node	-3001 Feb 19 j 14:13	16°♒33'02	
	-3001 Feb 26 j 14:49	0°♓	
evening max el	-3001 Mar 09 j 12:05	14°♓55'02	20°46'34
retrograde	-3001 Mar 20 j 17:35	20°♓16'46	
evening set	-3001 Mar 23 j 01:13	20°♓03'57	
inferior conj	-3001 Apr 01 j 04:23	16°♓06'30	0°19'48
minimum elong	-3001 Apr 01 j 05:18	16°♓05'12	0°19'27
desc. node	-3001 Apr 02 j 08:45	15°♓25'45	
min. Earth dist.	-3001 Apr 02 j 07:06	15°♓28'07	0.55222 AU
morning rise	-3001 Apr 10 j 07:54	11°♓54'00	
direct	-3001 Apr 13 j 16:00	11°♓29'45	
morning max el	-3001 Apr 26 j 20:37	17°♓54'01	22°52'49
	-3001 May 06 j 14:43	0°♈	
asc. node	-3001 May 18 j 13:41	21°♈49'44	
morning set	-3001 May 19 j 08:33	23°♈27'44	
	-3001 May 22 j 10:44	0°♉	
superior conj	-3001 May 26 j 13:40	8°♉48'24	1°14'52
minimum elong	-3001 May 26 j 11:04	8°♉34'35	1°14'31
max. Earth dist.	-3001 May 29 j 05:17	14°♉23'46	1.34036 AU
evening rise	-3001 Jun 03 j 08:23	24°♉49'17	
	-3001 Jun 06 j 00:34	0°♊	
	-3001 Jun 24 j 01:56	0°♋	
desc. node	-3001 Jun 29 j 07:46	7°♋03'58	
evening max el	-3001 Jul 07 j 15:10	16°♋24'47	27°17'09
retrograde	-3001 Jul 21 j 02:20	23°♋47'22	
evening set	-3001 Jul 28 j 03:18	21°♋01'58	
min. Earth dist.	-3001 Jul 31 j 20:54	17°♋30'01	0.64553 AU
inferior conj	-3001 Aug 03 j 03:06	15°♋01'32	-3°-21'-7
minimum elong	-3001 Aug 03 j 07:07	14°♋50'31	3°19'58
morning rise	-3001 Aug 09 j 12:31	9°♋31'17	
direct	-3001 Aug 12 j 04:57	8°♋53'32	
asc. node	-3001 Aug 14 j 12:56	9°♋22'00	
morning max el	-3001 Aug 18 j 17:21	12°♋22'44	18°05'49
	-3001 Aug 30 j 21:44	0°♌	
morning set	-3001 Sep 05 j 12:54	9°♌29'05	
	-3001 Sep 17 j 22:15	0°♍	
superior conj	-3001 Sep 19 j 03:45	1°♍59'05	0°38'49
minimum elong	-3001 Sep 19 j 08:06	2°♍16'31	0°38'18
max. Earth dist.	-3001 Sep 23 j 13:01	8°♍59'41	1.44468 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3001 Sep 25 j 07:12	11°♍46'35	
evening rise	-3001 Oct 05 j 17:06	28°♍01'44	
	-3001 Oct 06 j 23:43	0°♎	
greatest brilliancy	-3001 Oct 24 j 12:28	26°♎18'13	-0.6m
	-3001 Oct 27 j 06:10	0°♏	
evening max el	-3001 Oct 31 j 17:02	5°♏15'34	20°01'02
retrograde	-3001 Nov 08 j 08:11	9°♏43'34	
asc. node	-3001 Nov 10 j 12:00	9°♏16'34	
evening set	-3001 Nov 11 j 21:14	8°♏30'22	
inferior conj	-3001 Nov 17 j 10:21	2°♏26'08	2°13'25
minimum elong	-3001 Nov 17 j 07:40	2°♏35'02	2°12'26
min. Earth dist.	-3001 Nov 18 j 07:43	1°♏15'05	0.66628 AU
	-3001 Nov 19 j 06:45	30°℞♎	
morning rise	-3001 Nov 22 j 17:28	26°♎10'51	
direct	-3001 Nov 28 j 13:10	23°♎38'15	
	-3001 Dec 09 j 17:02	0°♏	
morning max el	-3001 Dec 10 j 09:12	0°♏40'01	25°12'25
desc. node	-3001 Dec 22 j 06:45	15°♏03'04	
	-3000 Jan 01 j 12:58	0°♐	
morning set	-3000 Jan 15 j 13:37	23°♐23'20	
	-3000 Jan 19 j 04:21	0°♑	
max. Earth dist.	-3000 Jan 19 j 07:51	0°♑16'20	1.36738 AU
superior conj	-3000 Jan 25 j 10:49	12°♑02'55	-1°-39'-52
minimum elong	-3000 Jan 25 j 14:01	12°♑18'43	1°39'40
evening rise	-3000 Feb 02 j 17:03	28°♑40'06	
	-3000 Feb 03 j 08:58	0°♒	
asc. node	-3000 Feb 06 j 11:16	6°♒06'00	
evening max el	-3000 Feb 20 j 00:58	26°♒37'43	19°37'23
	-3000 Feb 24 j 17:16	0°♓	
retrograde	-3000 Feb 29 j 13:32	1°♓09'33	
evening set	-3000 Mar 02 j 20:11	0°♓55'12	
	-3000 Mar 05 j 17:06	30°℞♒	
inferior conj	-3000 Mar 11 j 08:22	26°♒51'04	2°05'24
minimum elong	-3000 Mar 11 j 12:55	26°♒43'49	2°04'00
min. Earth dist.	-3000 Mar 13 j 21:38	25°♒14'03	0.56118 AU
desc. node	-3000 Mar 19 j 05:51	22°♒28'07	
morning rise	-3000 Mar 20 j 02:10	22°♒10'14	
direct	-3000 Mar 24 j 12:12	21°♒26'23	
morning max el	-3000 Apr 07 j 12:11	28°♒29'59	24°32'18
	-3000 Apr 09 j 00:14	0°♓	
	-3000 Apr 28 j 16:42	0°♈	
morning set	-3000 May 02 j 20:43	8°♈29'27	
asc. node	-3000 May 04 j 10:44	11°♈50'44	
superior conj	-3000 May 09 j 22:26	23°♈42'25	0°54'36
minimum elong	-3000 May 09 j 20:16	23°♈30'43	0°54'14
max. Earth dist.	-3000 May 11 j 11:11	27°♈00'51	1.33181 AU
	-3000 May 12 j 20:40	0°♉	
evening rise	-3000 May 17 j 06:54	9°♉13'18	
	-3000 May 28 j 09:49	0°♊	
desc. node	-3000 Jun 15 j 04:50	25°♊21'44	
evening max el	-3000 Jun 19 j 00:48	29°♊21'09	27°24'05
	-3000 Jun 19 j 17:21	0°♋	
retrograde	-3000 Jul 02 j 19:16	6°♋43'06	
evening set	-3000 Jul 09 j 23:10	4°♋10'14	
min. Earth dist.	-3000 Jul 13 j 13:16	1°♋09'10	0.62922 AU
	-3000 Jul 14 j 17:49	30°℞♊	
inferior conj	-3000 Jul 16 j 08:56	28°♊23'03	-3°-58'-26
minimum elong	-3000 Jul 16 j 12:33	28°♊14'08	3°57'43
morning rise	-3000 Jul 23 j 04:09	23°♊11'38	
direct	-3000 Jul 25 j 17:18	22°♊41'15	
asc. node	-3000 Jul 31 j 10:01	25°♊13'47	
morning max el	-3000 Aug 01 j 08:22	26°♊05'35	17°55'30
	-3000 Aug 04 j 16:16	0°♋	
morning set	-3000 Aug 17 j 19:40	21°♋42'23	
	-3000 Aug 22 j 12:43	0°♌	
superior conj	-3000 Aug 29 j 12:07	11°♌57'30	1°15'42
minimum elong	-3000 Aug 29 j 17:39	12°♌20'41	1°15'11
max. Earth dist.	-3000 Sep 05 j 03:52	22°♌55'53	1.43386 AU
	-3000 Sep 09 j 13:54	0°♍	
desc. node	-3000 Sep 11 j 04:12	2°♍30'59	
evening rise	-3000 Sep 13 j 21:49	6°♍47'10	
	-3000 Sep 29 j 08:09	0°♎	
greatest brilliancy	-3000 Oct 08 j 07:36	12°♎24'12	-0.5m
evening max el	-3000 Oct 13 j 16:59	18°♎42'31	21°07'27
retrograde	-3000 Oct 22 j 05:12	23°♎45'04	
evening set	-3000 Oct 26 j 04:53	22°♎15'17	
asc. node	-3000 Oct 27 j 09:05	21°♎14'23	
inferior conj	-3000 Oct 31 j 15:02	16°♎01'40	1°25'23
minimum elong	-3000 Oct 31 j 13:10	16°♎08'04	1°24'37
min. Earth dist.	-3000 Nov 01 j 00:54	15°♎27'51	0.67202 AU
morning rise	-3000 Nov 05 j 21:06	9°♎44'58	
direct	-3000 Nov 11 j 01:21	7°♎32'30	
morning max el	-3000 Nov 21 j 17:59	13°♎55'07	23°47'39
	-3000 Dec 04 j 18:59	0°♏	
desc. node	-3000 Dec 08 j 03:47	4°♏45'24	
	-3000 Dec 24 j 10:39	0°♐	
morning set	-3000 Dec 27 j 02:46	4°♐29'48	
max. Earth dist.	-3000 Dec 31 j 03:56	11°♐31'23	1.38746 AU
superior conj	-2999 Jan 07 j 12:19	24°♐57'21	-1°-52'-53
minimum elong	-2999 Jan 07 j 14:21	25°♐06'55	1°52'54
	-2999 Jan 10 j 03:53	0°♑	
evening rise	-2999 Jan 16 j 13:45	12°♑28'30	
asc. node	-2999 Jan 23 j 08:19	25°♑15'00	
	-2999 Jan 26 j 03:41	0°♒	
evening max el	-2999 Feb 01 j 23:42	8°♒55'02	18°47'28
retrograde	-2999 Feb 10 j 02:26	12°♒50'16	
evening set	-2999 Feb 12 j 12:00	12°♒31'03	
inferior conj	-2999 Feb 20 j 06:48	8°♒09'18	3°17'19
minimum elong	-2999 Feb 20 j 11:04	8°♒01'24	3°16'25
min. Earth dist.	-2999 Feb 23 j 13:46	5°♒44'42	0.57720 AU
morning rise	-2999 Feb 28 j 06:20	2°♒58'44	
direct	-2999 Mar 05 j 21:05	1°♒42'01	
desc. node	-2999 Mar 06 j 02:56	1°♒42'10	
morning max el	-2999 Mar 20 j 03:45	9°♒08'48	26°02'32
	-2999 Apr 04 j 21:25	0°♓	
morning set	-2999 Apr 17 j 08:26	23°♓29'59	
	-2999 Apr 20 j 09:37	0°♈	
asc. node	-2999 Apr 21 j 07:46	2°♈00'02	
superior conj	-2999 Apr 24 j 09:32	8°♈42'47	0°31'46
minimum elong	-2999 Apr 24 j 08:11	8°♈35'21	0°31'30
max. Earth dist.	-2999 Apr 24 j 22:43	9°♈54'51	1.32677 AU
evening rise	-2999 May 01 j 11:58	23°♈56'30	
	-2999 May 04 j 11:35	0°♉	
	-2999 May 22 j 07:10	0°♊	
evening max el	-2999 Jun 01 j 05:55	11°♊40'58	26°58'25
desc. node	-2999 Jun 02 j 01:53	12°♊27'36	
retrograde	-2999 Jun 15 j 05:08	19°♊00'40	
evening set	-2999 Jun 22 j 02:04	16°♊54'00	
min. Earth dist.	-2999 Jun 25 j 19:27	14°♊11'31	0.60995 AU
inferior conj	-2999 Jun 29 j 01:41	11°♊22'53	-4°-21'-41
minimum elong	-2999 Jun 29 j 03:31	11°♊18'55	4°21'29
morning rise	-2999 Jul 06 j 07:56	6°♊33'05	
direct	-2999 Jul 08 j 19:40	6°♊08'07	
morning max el	-2999 Jul 15 j 21:27	9°♊37'13	18°04'02
asc. node	-2999 Jul 18 j 07:06	12°♊16'25	
	-2999 Jul 29 j 05:55	0°♋	
morning set	-2999 Jul 31 j 20:12	4°♋47'16	
superior conj	-2999 Aug 10 j 23:55	23°♋17'43	1°38'17
minimum elong	-2999 Aug 11 j 03:32	23°♋33'41	1°38'08

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2999 Aug 14 j 20:13	0°♌	
max. Earth dist.	-2999 Aug 18 j 13:23	6°♌17'37	1.41778 AU
evening rise	-2999 Aug 24 j 11:53	15°♌59'57	
desc. node	-2999 Aug 29 j 01:10	23°♌10'47	
	-2999 Sep 02 j 12:03	0°♍	
greatest brilliancy	-2999 Sep 21 j 17:09	26°♍48'50	-0.3m
	-2999 Sep 24 j 10:35	0°♎	
evening max el	-2999 Sep 26 j 10:47	2°♎08'25	22°23'31
retrograde	-2999 Oct 06 j 00:27	7°♎49'40	
evening set	-2999 Oct 10 j 12:46	6°♎01'18	
asc. node	-2999 Oct 14 j 06:10	1°♎55'44	
inferior conj	-2999 Oct 15 j 21:31	29°♍41'45	0°33'42
minimum elong	-2999 Oct 15 j 20:44	29°♍44'27	0°33'22
	-2999 Oct 15 j 16:14	30°℞♍	
min. Earth dist.	-2999 Oct 15 j 20:50	29°♍44'05	0.67459 AU
morning rise	-2999 Oct 21 j 04:35	23°♍26'19	
direct	-2999 Oct 25 j 17:43	21°♍35'54	
morning max el	-2999 Nov 04 j 05:37	27°♍14'21	22°21'16
	-2999 Nov 06 j 18:55	0°♎	
greatest brilliancy	-2999 Nov 08 j 22:05	2°♎31'17	-0.3m
desc. node	-2999 Nov 25 j 00:45	24°♎50'38	
	-2999 Nov 28 j 10:42	0°♏	
morning set	-2999 Dec 07 j 11:27	14°♏11'56	
max. Earth dist.	-2999 Dec 13 j 01:38	23°♏26'19	1.40819 AU
	-2999 Dec 16 j 21:38	0°♐	
superior conj	-2999 Dec 20 j 19:54	6°♐55'37	-1°-56'-28
minimum elong	-2999 Dec 20 j 19:11	6°♐52'25	1°56'33
evening rise	-2999 Dec 31 j 00:13	25°♐42'07	
	-2998 Jan 02 j 07:23	0°♑	
asc. node	-2998 Jan 10 j 05:20	13°♑51'35	
evening max el	-2998 Jan 16 j 05:53	21°♑39'56	18°17'44
retrograde	-2998 Jan 23 j 09:52	25°♑14'10	
evening set	-2998 Jan 25 j 22:33	24°♑48'31	
inferior conj	-2998 Feb 02 j 01:49	20°♑05'28	3°52'57
minimum elong	-2998 Feb 02 j 03:38	20°♑01'34	3°52'43
min. Earth dist.	-2998 Feb 05 j 10:23	17°♑13'36	0.59690 AU
morning rise	-2998 Feb 09 j 05:29	14°♑31'53	
direct	-2998 Feb 15 j 18:19	12°♑36'20	
desc. node	-2998 Feb 21 j 00:00	13°♑45'56	
morning max el	-2998 Mar 02 j 00:17	20°♑15'53	27°08'45
	-2998 Mar 10 j 09:29	0°♒	
	-2998 Mar 28 j 14:18	0°♓	
morning set	-2998 Apr 01 j 17:57	8°♓22'49	
asc. node	-2998 Apr 08 j 04:47	22°♓13'02	
superior conj	-2998 Apr 08 j 21:17	23°♓43'19	0°07'14
minimum elong	-2998 Apr 08 j 20:58	23°♓41'33	0°07'10
behind sun begin	-2998 Apr 08 j 16:28	23°♓16'57	
behind sun end	-2998 Apr 09 j 01:27	24°♓06'08	
max. Earth dist.	-2998 Apr 08 j 12:03	22°♓52'49	1.32511 AU
	-2998 Apr 11 j 18:10	0°♈	
evening rise	-2998 Apr 15 j 21:09	8°♈50'25	
	-2998 Apr 26 j 22:26	0°♉	
evening max el	-2998 May 14 j 04:38	23°♉17'37	26°01'08
desc. node	-2998 May 19 j 22:57	27°♉52'21	
	-2998 May 24 j 13:14	0°♊	
retrograde	-2998 May 28 j 06:37	0°♊33'34	
	-2998 May 31 j 23:03	30°℞♉	
evening set	-2998 Jun 03 j 08:08	29°♉03'45	
min. Earth dist.	-2998 Jun 07 j 17:14	26°♉22'26	0.58940 AU
inferior conj	-2998 Jun 11 j 01:43	23°♉51'52	-4°-22'-37
minimum elong	-2998 Jun 11 j 00:13	23°♉54'42	4°22'29
morning rise	-2998 Jun 18 j 20:07	19°♉24'37	
direct	-2998 Jun 21 j 07:37	19°♉03'55	
morning max el	-2998 Jun 29 j 05:41	22°♉49'41	18°32'21
asc. node	-2998 Jul 05 j 04:10	0°♊15'01	
	-2998 Jul 05 j 00:12	0°♊	
morning set	-2998 Jul 15 j 09:48	18°♊31'53	
	-2998 Jul 21 j 08:52	0°♋	
superior conj	-2998 Jul 24 j 10:45	5°♋47'56	1°47'57
minimum elong	-2998 Jul 24 j 11:47	5°♋52'44	1°48'02
max. Earth dist.	-2998 Jul 31 j 17:10	18°♋54'45	1.39867 AU
evening rise	-2998 Aug 05 j 01:16	26°♋19'55	
	-2998 Aug 07 j 06:18	0°♌	
desc. node	-2998 Aug 15 j 22:10	13°♌42'33	
	-2998 Aug 27 j 04:06	0°♍	
evening max el	-2998 Sep 08 j 23:57	15°♍36'05	23°43'59
retrograde	-2998 Sep 19 j 16:41	21°♍55'01	
evening set	-2998 Sep 24 j 19:13	19°♍47'22	
min. Earth dist.	-2998 Sep 29 j 17:11	14°♍02'47	0.67419 AU
inferior conj	-2998 Sep 30 j 04:04	13°♍25'38	0°-19'-53
minimum elong	-2998 Sep 30 j 04:33	13°♍24'02	0°19'41
asc. node	-2998 Oct 01 j 03:14	12°♍07'10	
morning rise	-2998 Oct 05 j 14:01	7°♍14'16	
direct	-2998 Oct 09 j 13:28	5°♍45'01	
morning max el	-2998 Oct 17 j 23:05	10°♍41'03	21°00'57
greatest brilliancy	-2998 Oct 23 j 14:42	17°♍18'09	-0.5m
	-2998 Nov 01 j 18:04	0°♎	
desc. node	-2998 Nov 11 j 21:44	15°♎12'23	
morning set	-2998 Nov 16 j 18:05	22°♎42'28	
	-2998 Nov 21 j 08:54	0°♏	
max. Earth dist.	-2998 Nov 25 j 05:33	6°♏13'22	1.42675 AU
superior conj	-2998 Dec 02 j 04:00	17°♏44'38	-1°-46'-37
minimum elong	-2998 Dec 01 j 23:19	17°♏24'48	1°46'25
	-2998 Dec 09 j 05:55	0°♐	
evening rise	-2998 Dec 13 j 20:43	8°♐13'01	
	-2998 Dec 26 j 18:52	0°♑	
asc. node	-2998 Dec 28 j 02:22	1°♑45'52	
evening max el	-2998 Dec 30 j 16:42	4°♑44'35	18°07'54
retrograde	-2997 Jan 06 j 08:31	8°♑11'48	
evening set	-2997 Jan 09 j 00:22	7°♑38'36	
inferior conj	-2997 Jan 15 j 15:00	2°♑33'58	3°59'31
minimum elong	-2997 Jan 15 j 14:18	2°♑35'41	3°59'23
	-2997 Jan 18 j 05:35	30°℞♐	
min. Earth dist.	-2997 Jan 18 j 14:27	29°♐38'56	0.61706 AU
morning rise	-2997 Jan 22 j 01:52	26°♐44'56	
direct	-2997 Jan 29 j 01:48	24°♐16'36	
desc. node	-2997 Feb 07 j 21:04	28°♐19'19	
	-2997 Feb 09 j 22:16	0°♑	
morning max el	-2997 Feb 12 j 02:53	2°♑02'17	27°41'10
	-2997 Mar 04 j 15:33	0°♒	
morning set	-2997 Mar 16 j 23:16	23°♒00'28	
	-2997 Mar 20 j 07:47	0°♓	
max. Earth dist.	-2997 Mar 22 j 23:22	5°♓40'50	1.32700 AU
superior conj	-2997 Mar 24 j 08:00	8°♓37'51	0°-18'-11
minimum elong	-2997 Mar 24 j 08:50	8°♓42'21	0°18'03
asc. node	-2997 Mar 26 j 01:47	12°♓25'23	
evening rise	-2997 Mar 31 j 08:28	23°♓47'37	
	-2997 Apr 03 j 08:35	0°♈	
	-2997 Apr 21 j 21:45	0°♉	
evening max el	-2997 Apr 25 j 21:47	4°♉16'29	24°39'16
desc. node	-2997 May 06 j 20:02	10°♉59'05	
retrograde	-2997 May 09 j 21:18	11°♉20'38	
evening set	-2997 May 14 j 16:25	10°♉28'29	
min. Earth dist.	-2997 May 20 j 09:48	7°♉32'00	0.57055 AU
inferior conj	-2997 May 23 j 06:04	5°♉40'54	-3°-50'-25
minimum elong	-2997 May 23 j 00:54	5°♉49'22	3°49'28
morning rise	-2997 May 31 j 13:27	1°♉33'10	
direct	-2997 Jun 03 j 01:22	1°♉15'40	
morning max el	-2997 Jun 12 j 06:07	5°♉32'26	19°21'08

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-2997 Jun 22 j 01:12	18°♉55'53		
	-2997 Jun 27 j 23:10	0°♊		
morning set	-2997 Jun 29 j 08:40	2°♊45'47		
superior conj	-2997 Jul 07 j 14:44	19°♊10'37	1°47'23	
minimum elong	-2997 Jul 07 j 13:43	19°♊05'44	1°47'27	
	-2997 Jul 13 j 07:15	0°♋		
max. Earth dist.	-2997 Jul 13 j 19:04	0°♋54'28	1.37914 AU	
evening rise	-2997 Jul 17 j 16:24	7°♋55'01		
	-2997 Jul 31 j 03:08	0°♌		
desc. node	-2997 Aug 02 j 19:12	4°♌00'53		
evening max el	-2997 Aug 22 j 11:04	29°♌07'24	25°02'08	
	-2997 Aug 23 j 08:53	0°♍		
retrograde	-2997 Sep 03 j 04:51	5°♍56'46		
evening set	-2997 Sep 08 j 22:25	3°♍31'05		
	-2997 Sep 12 j 04:56	30°℞♌		
min. Earth dist.	-2997 Sep 13 j 11:28	28°♌21'56	0.67069 AU	
inferior conj	-2997 Sep 14 j 08:59	27°♌10'58	-1°-13'-50	
minimum elong	-2997 Sep 14 j 10:45	27°♌05'10	1°13'04	
asc. node	-2997 Sep 18 j 00:19	22°♌47'10		
morning rise	-2997 Sep 19 j 23:30	21°♌06'51		
direct	-2997 Sep 23 j 11:21	19°♌56'11		
morning max el	-2997 Sep 30 j 23:51	24°♌16'31	19°52'08	
	-2997 Oct 05 j 20:05	0°♍		
greatest brilliancy	-2997 Oct 08 j 18:22	3°♍58'53	-0.6m	
	-2997 Oct 26 j 01:45	0°♎		
morning set	-2997 Oct 26 j 15:54	0°♎54'48		
desc. node	-2997 Oct 29 j 18:44	5°♎45'29		
max. Earth dist.	-2997 Nov 07 j 16:51	19°♎47'56	1.44057 AU	
superior conj	-2997 Nov 12 j 08:50	27°♎17'22	-1°-19'-58	
minimum elong	-2997 Nov 12 j 01:30	26°♎47'43	1°19'18	
	-2997 Nov 14 j 00:53	0°♏		
evening rise	-2997 Nov 25 j 22:50	19°♏52'42		
	-2997 Dec 01 j 21:40	0°♐		
evening max el	-2997 Dec 14 j 05:20	18°♐01'55	18°17'11	
asc. node	-2997 Dec 14 j 23:23	18°♐45'40		
retrograde	-2997 Dec 20 j 18:06	21°♐34'00		
evening set	-2997 Dec 23 j 13:50	20°♐51'58		
inferior conj	-2997 Dec 29 j 18:32	15°♐27'05	3°45'23	
minimum elong	-2997 Dec 29 j 16:11	15°♐33'32	3°44'58	
min. Earth dist.	-2996 Jan 01 j 03:52	12°♐49'16	0.63524 AU	
morning rise	-2996 Jan 04 j 16:57	9°♐27'20		
direct	-2996 Jan 11 j 17:16	6°♐40'24		
morning max el	-2996 Jan 25 j 10:11	14°♐26'11	27°37'13	
desc. node	-2996 Jan 25 j 18:07	14°♐45'59		
	-2996 Feb 07 j 02:59	0°♑		
	-2996 Feb 25 j 04:36	0°♒		
morning set	-2996 Feb 28 j 22:01	7°♒14'45		
max. Earth dist.	-2996 Mar 05 j 04:53	18°♒06'09	1.33273 AU	
superior conj	-2996 Mar 07 j 15:59	23°♒20'22	0°-43'-33	
minimum elong	-2996 Mar 07 j 17:56	23°♒30'51	0°43'14	
	-2996 Mar 10 j 18:18	0°♓		
asc. node	-2996 Mar 11 j 22:47	2°♓33'10		
evening rise	-2996 Mar 14 j 20:05	8°♓41'43		
	-2996 Mar 26 j 02:01	0°♈		
evening max el	-2996 Apr 06 j 13:46	14°♈58'22	23°05'32	
retrograde	-2996 Apr 19 j 22:54	21°♈34'46		
desc. node	-2996 Apr 22 j 17:06	21°♈18'01		
evening set	-2996 Apr 23 j 10:02	21°♈08'33		
min. Earth dist.	-2996 May 01 j 00:00	17°♈45'17	0.55690 AU	
inferior conj	-2996 May 02 j 15:06	16°♈48'18	-2°-36'-54	
minimum elong	-2996 May 02 j 09:03	16°♈57'10	2°35'08	
morning rise	-2996 May 11 j 11:00	12°♈51'31		
direct	-2996 May 14 j 01:08	12°♈35'23		
morning max el	-2996 May 24 j 20:24	17°♈36'54	20°30'09	
	-2996 Jun 03 j 08:26	0°♉		
asc. node	-2996 Jun 07 j 22:16	8°♉09'04		
morning set	-2996 Jun 12 j 13:58	17°♉21'34		
	-2996 Jun 18 j 17:22	0°♊		
superior conj	-2996 Jun 20 j 07:00	3°♊11'58	1°39'04	
minimum elong	-2996 Jun 20 j 04:48	3°♊00'49	1°38'58	
max. Earth dist.	-2996 Jun 25 j 01:36	12°♊42'02	1.36149 AU	
evening rise	-2996 Jun 29 j 05:21	20°♊35'25		
	-2996 Jul 04 j 11:14	0°♋		
desc. node	-2996 Jul 19 j 16:13	23°♋59'14		
	-2996 Jul 24 j 01:23	0°♌		
evening max el	-2996 Aug 03 j 22:14	12°♌40'35	26°10'01	
retrograde	-2996 Aug 16 j 12:13	19°♌49'58		
evening set	-2996 Aug 22 j 20:24	17°♌10'08		
min. Earth dist.	-2996 Aug 27 j 01:11	12°♌38'55	0.66384 AU	
inferior conj	-2996 Aug 28 j 10:25	10°♌55'17	-2°-6'-24	
minimum elong	-2996 Aug 28 j 13:22	10°♌46'06	2°05'14	
morning rise	-2996 Sep 03 j 07:07	5°♌01'48		
asc. node	-2996 Sep 03 j 21:25	4°♌42'38		
direct	-2996 Sep 06 j 09:38	4°♌06'29		
morning max el	-2996 Sep 13 j 07:26	7°♌59'48	18°57'55	
	-2996 Sep 28 j 21:24	0°♍		
morning set	-2996 Oct 05 j 04:35	9°♍56'25		
desc. node	-2996 Oct 15 j 15:44	26°♍25'58		
	-2996 Oct 17 j 22:08	0°♎		
max. Earth dist.	-2996 Oct 20 j 09:40	3°♎54'27	1.44794 AU	
superior conj	-2996 Oct 21 j 14:37	5°♎48'34	0°-37'-27	
minimum elong	-2996 Oct 21 j 09:50	5°♎29'42	0°36'51	
	-2996 Nov 05 j 18:02	0°♏		
evening rise	-2996 Nov 06 j 02:14	0°♏33'14		
	-2996 Nov 25 j 09:47	0°♐		
evening max el	-2996 Nov 26 j 17:04	1°♐25'39	18°44'32	
asc. node	-2996 Nov 30 j 20:28	4°♐36'00		
retrograde	-2996 Dec 03 j 10:40	5°♐12'47		
evening set	-2996 Dec 06 j 11:38	4°♐20'20		
	-2996 Dec 11 j 05:05	30°℞♏		
inferior conj	-2996 Dec 12 j 08:44	28°♏37'29	3°16'58	
minimum elong	-2996 Dec 12 j 05:42	28°♏46'38	3°16'12	
min. Earth dist.	-2996 Dec 14 j 03:03	26°♏29'39	0.65017 AU	
morning rise	-2996 Dec 17 j 22:42	22°♏29'48		
direct	-2996 Dec 24 j 15:18	19°♏39'33		
morning max el	-2995 Jan 06 j 19:40	27°♏17'28	27°00'05	
	-2995 Jan 09 j 09:33	0°♐		
desc. node	-2995 Jan 11 j 15:10	2°♐33'06		
	-2995 Jan 30 j 18:35	0°♑		
morning set	-2995 Feb 11 j 10:56	20°♑54'09		
max. Earth dist.	-2995 Feb 16 j 00:51	29°♑57'40	1.34272 AU	
	-2995 Feb 16 j 01:19	0°♒		
superior conj	-2995 Feb 19 j 19:08	7°♒42'51	-1°-7'-48	
minimum elong	-2995 Feb 19 j 22:00	7°♒57'55	1°07'25	
asc. node	-2995 Feb 26 j 19:48	22°♒31'05		
evening rise	-2995 Feb 27 j 06:11	23°♒25'10		
	-2995 Mar 02 j 11:39	0°♓		
evening max el	-2995 Mar 19 j 10:37	25°♓48'50	21°33'54	
	-2995 Mar 25 j 02:20	0°♈		
retrograde	-2995 Mar 31 j 14:05	1°♈40'45		
evening set	-2995 Apr 03 j 03:41	1°♈25'51		
	-2995 Apr 07 j 12:30	30°℞♓		
desc. node	-2995 Apr 09 j 14:11	28°♓59'32		
inferior conj	-2995 Apr 12 j 11:30	27°♓24'33	0°-48'-21	
minimum elong	-2995 Apr 12 j 09:14	27°♓27'44	0°47'36	
min. Earth dist.	-2995 Apr 12 j 13:34	27°♓21'39	0.55125 AU	
morning rise	-2995 Apr 21 j 15:11	23°♓23'36		
direct	-2995 Apr 24 j 13:35	23°♓04'42		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-2995 May 06 j 23:44	28°♓58'49	21°57'10
	-2995 May 08 j 00:54	0°♈	
asc. node	-2995 May 25 j 19:19	27°♈45'50	
	-2995 May 26 j 21:43	0°♉	
morning set	-2995 May 27 j 23:23	2°♉12'17	
superior conj	-2995 Jun 04 j 07:49	17°♉40'42	1°24'59
minimum elong	-2995 Jun 04 j 05:11	17°♉26'54	1°24'43
max. Earth dist.	-2995 Jun 07 j 17:07	24°♉41'27	1.34701 AU
	-2995 Jun 10 j 08:27	0°♊	
evening rise	-2995 Jun 12 j 10:46	4°♊06'14	
	-2995 Jun 27 j 06:28	0°♋	
desc. node	-2995 Jul 06 j 13:16	13°♋29'00	
evening max el	-2995 Jul 17 j 09:47	26°♋08'12	26°59'39
	-2995 Jul 21 j 22:29	0°♌	
retrograde	-2995 Jul 30 j 14:26	3°♌28'01	
evening set	-2995 Aug 06 j 10:46	0°♌41'22	
	-2995 Aug 07 j 06:00	30°℞♋	
min. Earth dist.	-2995 Aug 10 j 07:58	26°♋48'47	0.65333 AU
inferior conj	-2995 Aug 12 j 06:18	24°♋34'59	-2°-55'-29
minimum elong	-2995 Aug 12 j 10:06	24°♋24'01	2°54'14
morning rise	-2995 Aug 18 j 10:42	18°♋55'33	
direct	-2995 Aug 21 j 06:11	18°♋12'16	
asc. node	-2995 Aug 21 j 18:32	18°♋13'43	
morning max el	-2995 Aug 27 j 20:00	21°♋47'34	18°19'56
	-2995 Sep 03 j 05:13	0°♌	
morning set	-2995 Sep 15 j 20:14	20°♌17'48	
	-2995 Sep 21 j 18:50	0°♍	
superior conj	-2995 Sep 30 j 15:11	14°♍10'24	0°12'10
minimum elong	-2995 Sep 30 j 16:44	14°♍16'32	0°11'58
behind sun begin	-2995 Sep 30 j 09:06	13°♍46'18	
behind sun end	-2995 Oct 01 j 00:21	14°♍46'44	
desc. node	-2995 Oct 02 j 12:44	17°♍10'36	
max. Earth dist.	-2995 Oct 03 j 04:23	18°♍12'23	1.44795 AU
	-2995 Oct 10 j 16:35	0°♎	
evening rise	-2995 Oct 17 j 05:14	10°♎12'44	
	-2995 Oct 29 j 23:41	0°♏	
greatest brilliancy	-2995 Nov 01 j 02:16	3°♏08'55	-0.7m
evening max el	-2995 Nov 10 j 01:32	14°♏52'16	19°28'39
retrograde	-2995 Nov 17 j 07:00	19°♏03'22	
asc. node	-2995 Nov 17 j 17:33	19°♏02'15	
evening set	-2995 Nov 20 j 15:02	17°♏58'23	
inferior conj	-2995 Nov 26 j 06:32	12°♏00'45	2°38'43
minimum elong	-2995 Nov 26 j 03:34	12°♏10'21	2°37'44
min. Earth dist.	-2995 Nov 27 j 11:02	10°♏28'35	0.66142 AU
morning rise	-2995 Dec 01 j 15:21	5°♏47'24	
direct	-2995 Dec 07 j 19:17	3°♏06'04	
morning max el	-2995 Dec 20 j 05:10	10°♏25'03	25°56'54
desc. node	-2995 Dec 29 j 12:14	21°♏17'28	
	-2994 Jan 04 j 19:55	0°♐	
	-2994 Jan 23 j 08:06	0°♑	
morning set	-2994 Jan 25 j 09:48	3°♑46'36	
max. Earth dist.	-2994 Jan 29 j 09:12	11°♑16'29	1.35721 AU
superior conj	-2994 Feb 03 j 15:00	21°♑38'18	-1°-29'-24
minimum elong	-2994 Feb 03 j 18:19	21°♑55'05	1°29'06
	-2994 Feb 07 j 17:06	0°♒	
evening rise	-2994 Feb 11 j 12:54	7°♒52'05	
asc. node	-2994 Feb 13 j 16:50	12°♒14'27	
	-2994 Feb 23 j 18:37	0°♓	
evening max el	-2994 Mar 01 j 17:05	7°♓09'11	20°14'48
retrograde	-2994 Mar 12 j 05:02	12°♓09'12	
evening set	-2994 Mar 14 j 11:14	11°♓56'18	
inferior conj	-2994 Mar 23 j 08:41	7°♓57'23	1°07'48
minimum elong	-2994 Mar 23 j 11:35	7°♓53'03	1°06'48
min. Earth dist.	-2994 Mar 25 j 03:37	6°♓53'33	0.55497 AU

desc. node	-2994 Mar 27 j 11:16	5°♓35'18	
morning rise	-2994 Apr 01 j 09:31	3°♓33'54	
direct	-2994 Apr 05 j 03:20	3°♓03'18	
morning max el	-2994 Apr 18 j 18:21	9°♓46'05	23°35'26
	-2994 May 03 j 14:30	0°♈	
morning set	-2994 May 12 j 11:02	17°♈11'30	
asc. node	-2994 May 12 j 16:21	17°♈39'24	
	-2994 May 18 j 10:50	0°♉	
superior conj	-2994 May 19 j 14:19	2°♉27'37	1°06'38
minimum elong	-2994 May 19 j 11:51	2°♉14'24	1°06'17
max. Earth dist.	-2994 May 21 j 18:10	7°♉04'03	1.33622 AU
evening rise	-2994 May 27 j 04:05	18°♉13'52	
	-2994 Jun 02 j 07:37	0°♊	
	-2994 Jun 21 j 14:01	0°♋	
desc. node	-2994 Jun 23 j 10:19	2°♋17'47	
evening max el	-2994 Jun 29 j 20:31	9°♋18'48	27°23'52
retrograde	-2994 Jul 13 j 11:08	16°♋42'01	
evening set	-2994 Jul 20 j 14:29	13°♋59'50	
min. Earth dist.	-2994 Jul 24 j 05:52	10°♋42'31	0.63902 AU
inferior conj	-2994 Jul 26 j 18:06	8°♋04'45	-3°-38'-16
minimum elong	-2994 Jul 26 j 22:05	7°♋54'16	3°37'16
morning rise	-2994 Aug 02 j 07:34	2°♋42'29	
direct	-2994 Aug 04 j 22:18	2°♋08'15	
asc. node	-2994 Aug 08 j 15:38	3°♋17'40	
morning max el	-2994 Aug 11 j 10:58	5°♋34'10	17°59'13
	-2994 Aug 27 j 11:41	0°♌	
morning set	-2994 Aug 28 j 14:07	1°♌53'55	
superior conj	-2994 Sep 10 j 08:22	23°♌23'45	0°56'09
minimum elong	-2994 Sep 10 j 13:45	23°♌45'45	0°55'33
	-2994 Sep 14 j 10:07	0°♍	
max. Earth dist.	-2994 Sep 15 j 21:05	2°♍20'03	1.44080 AU
desc. node	-2994 Sep 19 j 09:43	7°♍55'45	
evening rise	-2994 Sep 26 j 13:30	19°♍05'25	
	-2994 Oct 03 j 16:38	0°♎	
greatest brilliancy	-2994 Oct 17 j 21:34	20°♎41'13	-0.5m
evening max el	-2994 Oct 24 j 04:48	28°♎18'40	20°27'47
	-2994 Oct 25 j 23:10	0°♏	
retrograde	-2994 Nov 01 j 04:27	3°♏01'11	
evening set	-2994 Nov 04 j 21:41	1°♏41'18	
asc. node	-2994 Nov 04 j 14:38	1°♏53'29	
	-2994 Nov 06 j 19:13	30°℞♎	
inferior conj	-2994 Nov 10 j 09:19	25°♎32'24	1°53'36
minimum elong	-2994 Nov 10 j 06:57	25°♎40'26	1°52'40
min. Earth dist.	-2994 Nov 11 j 01:37	24°♎37'18	0.66910 AU
morning rise	-2994 Nov 15 j 15:42	19°♎15'56	
direct	-2994 Nov 21 j 04:45	16°♎51'31	
morning max el	-2994 Dec 02 j 13:51	23°♎38'29	24°37'03
	-2994 Dec 08 j 05:57	0°♏	
desc. node	-2994 Dec 16 j 09:16	10°♏41'53	
	-2994 Dec 29 j 05:42	0°♐	
morning set	-2993 Jan 07 j 13:05	15°♐36'27	
max. Earth dist.	-2993 Jan 11 j 07:30	22°♐20'50	1.37564 AU
	-2993 Jan 15 j 10:14	0°♑	
superior conj	-2993 Jan 18 j 00:20	4°♑57'45	-1°-46'-20
minimum elong	-2993 Jan 18 j 03:13	5°♑11'41	1°46'14
evening rise	-2993 Jan 26 j 13:59	21°♑56'08	
	-2993 Jan 30 j 17:06	0°♒	
asc. node	-2993 Jan 31 j 13:52	1°♒37'46	
evening max el	-2993 Feb 12 j 10:20	19°♒06'50	19°13'42
retrograde	-2993 Feb 21 j 07:33	23°♒21'23	
evening set	-2993 Feb 23 j 15:03	23°♒05'24	
inferior conj	-2993 Mar 03 j 19:49	18°♒54'50	2°40'35
minimum elong	-2993 Mar 04 j 00:40	18°♒46'36	2°39'17
min. Earth dist.	-2993 Mar 06 j 18:53	16°♒55'19	0.56724 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-2993 Mar 12 j 06:24	14°♒00'23	
desc. node	-2993 Mar 14 j 08:21	13°♒23'00	
direct	-2993 Mar 17 j 04:47	13°♒03'52	
morning max el	-2993 Mar 31 j 09:17	20°♒20'07	25°12'51
	-2993 Apr 08 j 15:28	0°♓	
	-2993 Apr 25 j 21:37	0°♈	
morning set	-2993 Apr 26 j 23:12	2°♈13'27	
asc. node	-2993 Apr 29 j 13:22	7°♈44'25	
superior conj	-2993 May 04 j 00:19	17°♈25'25	0°45'11
minimum elong	-2993 May 03 j 22:27	17°♈15'18	0°44'51
max. Earth dist.	-2993 May 05 j 02:41	19°♈48'39	1.32913 AU
	-2993 May 09 j 21:21	0°♉	
evening rise	-2993 May 11 j 05:42	2°♉47'15	
	-2993 May 26 j 03:54	0°♊	
desc. node	-2993 Jun 10 j 07:21	20°♊08'19	
evening max el	-2993 Jun 12 j 04:24	22°♊00'51	27°17'18
retrograde	-2993 Jun 26 j 01:32	29°♊22'54	
evening set	-2993 Jul 03 j 03:43	26°♊59'25	
min. Earth dist.	-2993 Jul 06 j 17:59	24°♊08'06	0.62125 AU
inferior conj	-2993 Jul 09 j 18:49	21°♊18'23	-4°-10'-28
minimum elong	-2993 Jul 09 j 21:52	21°♊11'14	4°09'59
morning rise	-2993 Jul 16 j 18:36	16°♊16'01	
direct	-2993 Jul 19 j 06:47	15°♊48'17	
morning max el	-2993 Jul 26 j 01:34	19°♊13'41	17°56'44
asc. node	-2993 Jul 26 j 12:43	19°♊41'44	
	-2993 Aug 02 j 22:58	0°♋	
morning set	-2993 Aug 11 j 05:09	14°♋31'00	
	-2993 Aug 19 j 21:41	0°♌	
superior conj	-2993 Aug 22 j 04:43	3°♌58'01	1°26'59
minimum elong	-2993 Aug 22 j 09:39	4°♌19'10	1°26'37
max. Earth dist.	-2993 Aug 29 j 09:16	16°♌01'08	1.42756 AU
evening rise	-2993 Sep 05 j 19:52	27°♌56'08	
desc. node	-2993 Sep 06 j 06:42	28°♌38'36	
	-2993 Sep 07 j 03:34	0°♍	
	-2993 Sep 27 j 11:58	0°♎	
greatest brilliancy	-2993 Oct 02 j 03:19	6°♎04'45	-0.4m
evening max el	-2993 Oct 07 j 02:03	11°♎44'50	21°38'53
retrograde	-2993 Oct 16 j 00:54	17°♎03'52	
evening set	-2993 Oct 20 j 05:37	15°♎26'36	
asc. node	-2993 Oct 22 j 11:44	13°♎14'41	
inferior conj	-2993 Oct 25 j 15:00	9°♎10'04	1°03'48
minimum elong	-2993 Oct 25 j 13:34	9°♎15'00	1°03'11
min. Earth dist.	-2993 Oct 25 j 20:23	8°♎51'30	0.67353 AU
morning rise	-2993 Oct 30 j 21:14	2°♎53'18	
direct	-2993 Nov 04 j 18:58	0°♎49'56	
morning max el	-2993 Nov 14 j 23:18	6°♎54'19	23°10'23
greatest brilliancy	-2993 Nov 20 j 01:34	12°♎38'15	-0.3m
	-2993 Dec 02 j 20:46	0°♏	
desc. node	-2993 Dec 03 j 06:16	0°♏34'41	
morning set	-2993 Dec 19 j 14:28	26°♏07'19	
	-2993 Dec 21 j 21:48	0°♐	
max. Earth dist.	-2993 Dec 24 j 02:45	3°♐46'55	1.39635 AU
superior conj	-2993 Dec 31 j 18:52	17°♐29'45	-1°-55'-48
minimum elong	-2993 Dec 31 j 19:56	17°♐34'40	1°55'53
	-2992 Jan 07 j 09:59	0°♑	
evening rise	-2992 Jan 10 j 06:42	5°♑30'05	
asc. node	-2992 Jan 18 j 10:53	20°♑33'47	
	-2992 Jan 24 j 23:48	0°♒	
evening max el	-2992 Jan 26 j 12:39	1°♒37'06	18°32'25
retrograde	-2992 Feb 03 j 04:11	5°♒21'07	
evening set	-2992 Feb 05 j 15:11	4°♒59'17	
inferior conj	-2992 Feb 13 j 03:04	0°♒29'02	3°36'35
minimum elong	-2992 Feb 13 j 06:24	0°♒22'26	3°35'59
	-2992 Feb 13 j 17:44	30°♑℞	

min. Earth dist.	-2992 Feb 16 j 12:39	27°♑49'41	0.58533 AU
morning rise	-2992 Feb 20 j 17:59	25°♑07'48	
direct	-2992 Feb 26 j 19:36	23°♑34'11	
desc. node	-2992 Feb 29 j 05:26	23°♑48'46	
	-2992 Mar 10 j 21:34	0°♒	
morning max el	-2992 Mar 12 j 02:19	1°♒07'37	26°34'23
	-2992 Apr 01 j 14:54	0°♓	
morning set	-2992 Apr 10 j 10:09	17°♓10'59	
asc. node	-2992 Apr 15 j 10:21	27°♓55'25	
	-2992 Apr 16 j 09:09	0°♈	
superior conj	-2992 Apr 17 j 11:53	2°♈26'22	0°21'32
minimum elong	-2992 Apr 17 j 10:56	2°♈21'12	0°21'20
max. Earth dist.	-2992 Apr 17 j 15:18	2°♈45'07	1.32560 AU
evening rise	-2992 Apr 24 j 12:47	17°♈35'51	
	-2992 Apr 30 j 18:21	0°♉	
	-2992 May 20 j 10:25	0°♊	
evening max el	-2992 May 24 j 07:05	4°♊02'54	26°37'48
desc. node	-2992 May 27 j 04:24	6°♊35'09	
retrograde	-2992 Jun 07 j 08:04	11°♊21'09	
evening set	-2992 Jun 13 j 22:06	9°♊29'40	
min. Earth dist.	-2992 Jun 17 j 20:30	6°♊49'35	0.60118 AU
inferior conj	-2992 Jun 21 j 04:52	4°♊06'07	-4°-25'-28
minimum elong	-2992 Jun 21 j 05:26	4°♊04'56	4°25'24
	-2992 Jun 27 j 04:25	30°♉℞	
morning rise	-2992 Jun 28 j 16:06	29°♉25'37	
direct	-2992 Jul 01 j 03:35	29°♉02'36	
	-2992 Jul 04 j 23:02	0°♊	
morning max el	-2992 Jul 08 j 12:51	2°♊37'34	18°13'34
asc. node	-2992 Jul 12 j 09:45	7°♊09'24	
morning set	-2992 Jul 24 j 11:47	27°♊54'04	
	-2992 Jul 25 j 14:30	0°♋	
superior conj	-2992 Aug 03 j 02:59	15°♋49'27	1°43'48
minimum elong	-2992 Aug 03 j 05:29	16°♋00'44	1°43'47
max. Earth dist.	-2992 Aug 10 j 16:11	29°♋04'10	1.40992 AU
	-2992 Aug 11 j 05:21	0°♌	
evening rise	-2992 Aug 15 j 18:55	7°♌34'53	
desc. node	-2992 Aug 23 j 03:42	19°♌15'31	
	-2992 Aug 30 j 07:16	0°♍	
greatest brilliancy	-2992 Sep 13 j 15:02	19°♍28'14	-0.3m
evening max el	-2992 Sep 18 j 17:49	25°♍12'02	22°57'37
	-2992 Sep 24 j 18:01	0°♎	
retrograde	-2992 Sep 28 j 18:54	1°♎09'11	
	-2992 Oct 02 j 11:24	30°♍℞	
evening set	-2992 Oct 03 j 13:06	29°♍12'47	
asc. node	-2992 Oct 08 j 08:49	23°♍36'37	
inferior conj	-2992 Oct 08 j 21:45	22°♍52'07	0°11'07
minimum elong	-2992 Oct 08 j 21:29	22°♍53'02	0°11'01
transit middle	-2992 Oct 08 j 21:29	22°♍53'02	0°11'01
transit begin	-2992 Oct 08 j 19:29	22°♍59'54	
transit end	-2992 Oct 08 j 23:29	22°♍46'09	
min. Earth dist.	-2992 Oct 08 j 16:48	23°♍09'09	0.67485 AU
morning rise	-2992 Oct 14 j 05:49	16°♍38'03	
direct	-2992 Oct 18 j 13:03	14°♍56'39	
morning max el	-2992 Oct 27 j 13:00	20°♍15'59	21°45'54
greatest brilliancy	-2992 Nov 01 j 11:33	25°♍54'24	-0.4m
	-2992 Nov 04 j 15:43	0°♎	
desc. node	-2992 Nov 19 j 03:15	20°♎47'51	
	-2992 Nov 25 j 03:02	0°♏	
morning set	-2992 Nov 28 j 11:01	5°♏15'12	
max. Earth dist.	-2992 Dec 05 j 03:00	16°♏04'57	1.41658 AU
superior conj	-2992 Dec 12 j 17:14	29°♏00'53	-1°-54'-10
minimum elong	-2992 Dec 12 j 14:54	28°♏50'41	1°54'11
	-2992 Dec 13 j 06:44	0°♐	
evening rise	-2992 Dec 23 j 11:46	18°♐26'47	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2992 Dec 29 j 20:40	0°♉	
asc. node	-2991 Jan 04 j 07:56	8°♉53'56	
evening max el	-2991 Jan 08 j 21:15	14°♉31'55	18°11'09
retrograde	-2991 Jan 15 j 18:37	18°♉01'17	
evening set	-2991 Jan 18 j 08:47	17°♉32'22	
inferior conj	-2991 Jan 25 j 06:17	12°♉39'53	3°58'45
minimum elong	-2991 Jan 25 j 06:57	12°♉38'21	3°58'38
min. Earth dist.	-2991 Jan 28 j 11:51	9°♉44'05	0.60565 AU
morning rise	-2991 Feb 01 j 02:21	6°♉59'19	
direct	-2991 Feb 07 j 21:27	4°♉48'36	
desc. node	-2991 Feb 15 j 02:30	7°♉00'36	
morning max el	-2991 Feb 22 j 01:21	12°♉30'26	27°26'59
	-2991 Mar 07 j 22:09	0°♒	
	-2991 Mar 24 j 19:09	0°♓	
morning set	-2991 Mar 25 j 18:08	1°♓57'55	
max. Earth dist.	-2991 Apr 01 j 04:23	15°♓40'58	1.32554 AU
superior conj	-2991 Apr 01 j 23:22	17°♓24'42	0°-3'-30
minimum elong	-2991 Apr 01 j 23:32	17°♓25'35	0°03'30
behind sun begin	-2991 Apr 01 j 18:36	16°♓58'39	
behind sun end	-2991 Apr 02 j 04:27	17°♓52'31	
asc. node	-2991 Apr 02 j 07:22	18°♓08'28	
	-2991 Apr 07 j 18:27	0°♈	
evening rise	-2991 Apr 08 j 23:08	2°♈31'56	
	-2991 Apr 23 j 21:54	0°♉	
evening max el	-2991 May 06 j 03:17	15°♉21'47	25°28'37
desc. node	-2991 May 14 j 01:28	21°♉05'27	
retrograde	-2991 May 20 j 04:46	22°♉33'11	
evening set	-2991 May 25 j 18:30	21°♉20'07	
min. Earth dist.	-2991 May 30 j 15:27	18°♉34'11	0.58102 AU
inferior conj	-2991 Jun 02 j 20:43	16°♉18'22	-4°-13'-40
minimum elong	-2991 Jun 02 j 17:33	16°♉23'59	4°13'17
morning rise	-2991 Jun 10 j 20:32	11°♉59'51	
direct	-2991 Jun 13 j 08:21	11°♉40'29	
morning max el	-2991 Jun 21 j 17:58	15°♉37'23	18°50'36
asc. node	-2991 Jun 29 j 06:47	25°♉26'42	
	-2991 Jul 01 j 22:56	0°♊	
morning set	-2991 Jul 08 j 05:42	11°♊51'45	
superior conj	-2991 Jul 16 j 21:43	28°♊43'09	1°48'49
minimum elong	-2991 Jul 16 j 21:48	28°♊43'30	1°48'54
	-2991 Jul 17 j 13:56	0°♋	
max. Earth dist.	-2991 Jul 23 j 18:59	11°♋24'57	1.39027 AU
evening rise	-2991 Jul 27 j 19:23	18°♋26'24	
	-2991 Aug 03 j 18:53	0°♌	
desc. node	-2991 Aug 10 j 00:42	9°♌42'01	
	-2991 Aug 24 j 14:45	0°♍	
evening max el	-2991 Sep 01 j 05:50	8°♍41'08	24°18'00
retrograde	-2991 Sep 12 j 09:21	15°♍13'33	
evening set	-2991 Sep 17 j 18:24	12°♍57'47	
min. Earth dist.	-2991 Sep 22 j 12:27	7°♍28'14	0.67311 AU
inferior conj	-2991 Sep 23 j 03:48	6°♍36'31	0°-42'-50
minimum elong	-2991 Sep 23 j 04:49	6°♍33'04	0°42'23
asc. node	-2991 Sep 25 j 05:54	3°♍52'48	
morning rise	-2991 Sep 28 j 15:31	0°♍28'06	
	-2991 Sep 29 j 08:43	30°℞♌	
direct	-2991 Oct 02 j 09:49	29°♌07'07	
	-2991 Oct 05 j 15:29	0°♍	
morning max el	-2991 Oct 10 j 09:34	3°♍46'28	20°30'08
greatest brilliancy	-2991 Oct 16 j 18:45	11°♍25'47	-0.5m
	-2991 Oct 29 j 15:21	0°♎	
desc. node	-2991 Nov 06 j 00:14	11°♎14'59	
morning set	-2991 Nov 07 j 11:05	13°♎29'46	
max. Earth dist.	-2991 Nov 17 j 10:52	29°♎16'24	1.43338 AU
	-2991 Nov 17 j 21:41	0°♏	
superior conj	-2991 Nov 23 j 13:56	9°♏17'25	-1°-37'-28
minimum elong	-2991 Nov 23 j 07:42	8°♏51'38	1°37'03
	-2991 Dec 05 j 16:32	0°♐	
evening rise	-2991 Dec 06 j 01:03	0°♐37'16	
asc. node	-2991 Dec 22 j 05:00	26°♐26'39	
evening max el	-2991 Dec 23 j 09:09	27°♐42'21	18°09'28
	-2991 Dec 26 j 04:31	0°♑	
retrograde	-2991 Dec 29 j 22:39	1°♑10'29	
evening set	-2990 Jan 01 j 16:01	0°♑33'39	
	-2990 Jan 02 j 17:47	30°℞♐	
inferior conj	-2990 Jan 08 j 02:04	25°♐19'48	3°55'35
minimum elong	-2990 Jan 08 j 00:34	25°♐23'44	3°55'23
min. Earth dist.	-2990 Jan 10 j 19:41	22°♐30'19	0.62517 AU
morning rise	-2990 Jan 14 j 07:08	19°♐25'38	
direct	-2990 Jan 21 j 08:13	16°♐47'53	
desc. node	-2990 Feb 01 j 23:33	22°♐26'24	
morning max el	-2990 Feb 04 j 06:26	24°♐34'01	27°43'53
	-2990 Feb 09 j 05:54	0°♑	
	-2990 Mar 01 j 05:55	0°♒	
morning set	-2990 Mar 09 j 20:59	16°♒26'27	
max. Earth dist.	-2990 Mar 15 j 13:53	28°♒21'22	1.32899 AU
	-2990 Mar 16 j 08:15	0°♓	
superior conj	-2990 Mar 17 j 09:08	2°♓14'19	0°-29'-1
minimum elong	-2990 Mar 17 j 10:27	2°♓21'28	0°28'48
asc. node	-2990 Mar 20 j 04:23	8°♓18'58	
evening rise	-2990 Mar 24 j 10:47	17°♓28'15	
	-2990 Mar 30 j 16:31	0°♈	
evening max el	-2990 Apr 17 j 19:00	26°♈09'04	23°59'51
	-2990 Apr 22 j 12:32	0°♉	
desc. node	-2990 Apr 30 j 22:32	3°♉03'09	
retrograde	-2990 May 01 j 13:56	3°♉04'05	
evening set	-2990 May 05 j 19:10	2°♉24'34	
	-2990 May 11 j 02:02	30°℞♈	
min. Earth dist.	-2990 May 12 j 06:23	29°♈18'11	0.56390 AU
inferior conj	-2990 May 14 j 16:26	27°♈48'40	-3°-24'-21
minimum elong	-2990 May 14 j 10:21	27°♈58'07	3°22'56
morning rise	-2990 May 23 j 05:26	23°♈47'31	
direct	-2990 May 25 j 18:00	23°♈30'55	
morning max el	-2990 Jun 04 j 14:21	28°♈04'41	19°48'14
	-2990 Jun 06 j 11:47	0°♉	
asc. node	-2990 Jun 16 j 03:50	14°♉22'13	
morning set	-2990 Jun 22 j 07:37	26°♉15'49	
	-2990 Jun 24 j 03:58	0°♊	
superior conj	-2990 Jun 30 j 07:29	12°♊24'05	1°44'41
minimum elong	-2990 Jun 30 j 05:53	12°♊16'05	1°44'41
max. Earth dist.	-2990 Jul 05 j 22:05	23°♊16'00	1.37121 AU
evening rise	-2990 Jul 09 j 20:25	0°♋30'38	
	-2990 Jul 09 j 13:37	0°♋	
desc. node	-2990 Jul 27 j 21:44	29°♋52'54	
	-2990 Jul 27 j 23:41	0°♌	
evening max el	-2990 Aug 14 j 16:38	22°♌13'09	25°32'44
retrograde	-2990 Aug 26 j 19:40	29°♌12'52	
evening set	-2990 Sep 01 j 19:41	26°♌40'09	
min. Earth dist.	-2990 Sep 06 j 05:01	21°♌47'09	0.66816 AU
inferior conj	-2990 Sep 07 j 07:29	20°♌21'45	-1°-36'-25
minimum elong	-2990 Sep 07 j 09:46	20°♌14'22	1°35'28
asc. node	-2990 Sep 12 j 02:59	15°♌00'42	
morning rise	-2990 Sep 13 j 00:27	14°♌22'01	
direct	-2990 Sep 16 j 07:59	13°♌18'28	
morning max el	-2990 Sep 23 j 13:32	17°♌26'17	19°27'16
greatest brilliancy	-2990 Oct 02 j 21:15	29°♌31'03	-0.7m
	-2990 Oct 03 j 05:09	0°♍	
morning set	-2990 Oct 17 j 12:47	21°♍56'49	
	-2990 Oct 22 j 16:39	0°♎	
desc. node	-2990 Oct 23 j 21:16	1°♎51'56	
max. Earth dist.	-2990 Oct 31 j 00:53	13°♎06'55	1.44455 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-2990 Nov 03 j 07:41	18°♎20'03	-1°-3'-34
minimum elong	-2990 Nov 03 j 00:41	17°♎52'07	1°02'48
	-2990 Nov 10 j 13:13	0°♏	
evening rise	-2990 Nov 17 j 18:04	11°♏53'09	
	-2990 Nov 28 j 18:00	0°♐	
evening max el	-2990 Dec 06 j 21:40	11°♐02'43	18°26'33
asc. node	-2990 Dec 09 j 02:04	12°♐58'49	
retrograde	-2990 Dec 13 j 11:46	14°♐40'24	
evening set	-2990 Dec 16 j 09:24	13°♐54'18	
inferior conj	-2990 Dec 22 j 10:37	8°♐21'23	3°34'45
minimum elong	-2990 Dec 22 j 07:53	8°♐29'15	3°34'11
min. Earth dist.	-2990 Dec 24 j 13:32	5°♐55'01	0.64205 AU
morning rise	-2990 Dec 28 j 04:58	2°♐17'36	
	-2989 Jan 01 j 01:11	30°℞♏	
direct	-2989 Jan 04 j 02:39	29°♏27'28	
	-2989 Jan 07 j 08:05	0°♐	
morning max el	-2989 Jan 17 j 15:13	7°♐11'50	27°25'02
desc. node	-2989 Jan 19 j 20:38	9°♐30'44	
	-2989 Feb 04 j 06:22	0°♑	
	-2989 Feb 21 j 10:26	0°♒	
morning set	-2989 Feb 21 j 16:02	0°♒27'27	
max. Earth dist.	-2989 Feb 26 j 15:46	10°♒33'01	1.33643 AU
superior conj	-2989 Mar 01 j 15:20	16°♒48'59	0°-54'-4
minimum elong	-2989 Mar 01 j 17:44	17°♒01'40	0°53'43
asc. node	-2989 Mar 07 j 01:24	28°♒22'55	
	-2989 Mar 07 j 19:43	0°♓	
evening rise	-2989 Mar 08 j 22:00	2°♓18'18	
	-2989 Mar 24 j 13:35	0°♈	
evening max el	-2989 Mar 30 j 12:11	6°♈50'50	22°25'29
retrograde	-2989 Apr 12 j 10:56	13°♈10'46	
evening set	-2989 Apr 15 j 10:49	12°♈51'03	
desc. node	-2989 Apr 17 j 19:36	12°♈09'36	
min. Earth dist.	-2989 Apr 23 j 20:22	9°♈12'10	0.55330 AU
inferior conj	-2989 Apr 24 j 18:49	8°♈40'15	-1°-53'-53
minimum elong	-2989 Apr 24 j 13:52	8°♈47'17	1°52'18
morning rise	-2989 May 03 j 18:58	4°♈43'55	
direct	-2989 May 06 j 11:13	4°♈27'29	
morning max el	-2989 May 18 j 00:04	9°♈51'29	21°05'23
	-2989 Jun 01 j 01:36	0°♉	
asc. node	-2989 Jun 03 j 00:53	3°♉46'05	
morning set	-2989 Jun 06 j 14:53	10°♉58'23	
superior conj	-2989 Jun 14 j 03:48	26°♉38'22	1°33'42
minimum elong	-2989 Jun 14 j 01:20	26°♉25'40	1°33'31
	-2989 Jun 15 j 19:11	0°♊	
max. Earth dist.	-2989 Jun 18 j 07:43	5°♊04'19	1.35479 AU
evening rise	-2989 Jun 22 j 16:59	13°♊34'13	
	-2989 Jul 01 j 22:34	0°♋	
desc. node	-2989 Jul 14 j 18:46	19°♋40'15	
	-2989 Jul 22 j 19:46	0°♌	
evening max el	-2989 Jul 28 j 03:51	5°♌44'26	26°33'53
retrograde	-2989 Aug 10 j 01:05	13°♌00'16	
evening set	-2989 Aug 16 j 14:46	10°♌16'18	
min. Earth dist.	-2989 Aug 20 j 16:07	6°♌01'32	0.65975 AU
inferior conj	-2989 Aug 22 j 06:49	4°♌04'23	-2°-27'-48
minimum elong	-2989 Aug 22 j 10:10	3°♌54'12	2°26'35
	-2989 Aug 25 j 23:12	30°℞♋	
morning rise	-2989 Aug 28 j 06:36	28°♋16'25	
asc. node	-2989 Aug 30 j 00:05	27°♋35'23	
direct	-2989 Aug 31 j 05:43	27°♋26'46	
	-2989 Sep 05 j 17:09	0°♌	
morning max el	-2989 Sep 06 j 23:31	1°♌11'49	18°39'42
	-2989 Sep 26 j 13:44	0°♍	
morning set	-2989 Sep 27 j 12:16	1°♍30'24	
desc. node	-2989 Oct 10 j 18:17	22°♍34'31	

superior conj	-2989 Oct 13 j 08:27	26°♍39'26	0°-16'-31
minimum elong	-2989 Oct 13 j 06:16	26°♍30'48	0°16'14
behind sun begin	-2989 Oct 13 j 05:11	26°♍26'33	
behind sun end	-2989 Oct 13 j 07:21	26°♍35'04	
max. Earth dist.	-2989 Oct 13 j 18:17	27°♍18'07	1.44879 AU
	-2989 Oct 15 j 11:24	0°♎	
evening rise	-2989 Oct 29 j 10:56	22°♎06'50	
	-2989 Nov 03 j 09:37	0°♏	
evening max el	-2989 Nov 20 j 08:18	24°♏28'24	19°01'23
asc. node	-2989 Nov 25 j 23:07	28°♏15'21	
retrograde	-2989 Nov 27 j 06:15	28°♏24'47	
evening set	-2989 Nov 30 j 09:54	27°♏27'27	
inferior conj	-2989 Dec 06 j 04:25	21°♏38'12	3°01'47
minimum elong	-2989 Dec 06 j 01:20	21°♏47'48	3°00'53
min. Earth dist.	-2989 Dec 07 j 16:47	19°♏44'48	0.65540 AU
morning rise	-2989 Dec 11 j 15:49	15°♏27'44	
direct	-2989 Dec 18 j 03:33	12°♏39'38	
morning max el	-2989 Dec 31 j 00:52	20°♏11'38	26°35'48
desc. node	-2988 Jan 06 j 17:43	27°♏45'07	
	-2988 Jan 08 j 12:24	0°♐	
	-2988 Jan 28 j 08:07	0°♑	
morning set	-2988 Feb 04 j 23:40	13°♑49'38	
max. Earth dist.	-2988 Feb 09 j 06:38	22°♑09'04	1.34831 AU
	-2988 Feb 13 j 03:46	0°♒	
superior conj	-2988 Feb 13 j 15:49	1°♒02'00	-1°-17'-24
minimum elong	-2988 Feb 13 j 18:57	1°♒18'13	1°17'01
evening rise	-2988 Feb 21 j 06:58	16°♒56'07	
asc. node	-2988 Feb 21 j 22:26	18°♒15'47	
	-2988 Feb 27 j 22:22	0°♓	
evening max el	-2988 Mar 11 j 13:00	17°♓53'54	20°58'20
retrograde	-2988 Mar 23 j 00:22	23°♓23'16	
evening set	-2988 Mar 25 j 09:06	23°♓10'11	
inferior conj	-2988 Apr 03 j 13:53	19°♓12'26	0°01'57
minimum elong	-2988 Apr 03 j 13:58	19°♓12'18	0°01'55
transit middle	-2988 Apr 03 j 13:58	19°♓12'18	0°01'55
transit begin	-2988 Apr 03 j 09:55	19°♓18'05	
transit end	-2988 Apr 03 j 18:02	19°♓06'31	
desc. node	-2988 Apr 03 j 16:41	19°♓08'27	
min. Earth dist.	-2988 Apr 04 j 10:27	18°♓43'10	0.55170 AU
morning rise	-2988 Apr 12 j 17:49	15°♓03'25	
direct	-2988 Apr 15 j 23:05	14°♓40'50	
morning max el	-2988 Apr 28 j 23:16	20°♓57'36	22°38'04
	-2988 May 06 j 14:46	0°♈	
asc. node	-2988 May 19 j 21:57	23°♈31'00	
morning set	-2988 May 21 j 01:29	25°♈53'35	
	-2988 May 23 j 00:21	0°♉	
superior conj	-2988 May 28 j 07:22	11°♉16'00	1°17'38
minimum elong	-2988 May 28 j 04:44	11°♉02'06	1°17'20
max. Earth dist.	-2988 May 31 j 03:22	17°♉12'58	1.34200 AU
evening rise	-2988 Jun 05 j 04:02	27°♉22'47	
	-2988 Jun 06 j 12:23	0°♊	
	-2988 Jun 24 j 04:57	0°♋	
desc. node	-2988 Jun 30 j 15:46	8°♋54'07	
evening max el	-2988 Jul 09 j 15:25	19°♋06'43	27°13'31
retrograde	-2988 Jul 23 j 01:02	26°♋28'30	
evening set	-2988 Jul 30 j 00:58	23°♋42'32	
min. Earth dist.	-2988 Aug 02 j 19:29	20°♋05'17	0.64767 AU
inferior conj	-2988 Aug 04 j 23:34	17°♋40'29	-3°-14'-39
minimum elong	-2988 Aug 05 j 03:33	17°♋29'23	3°13'28
morning rise	-2988 Aug 11 j 07:38	12°♋07'39	
direct	-2988 Aug 14 j 00:49	11°♋28'31	
asc. node	-2988 Aug 15 j 21:12	11°♋46'39	
morning max el	-2988 Aug 20 j 13:19	14°♋58'59	18°08'53
	-2988 Aug 31 j 04:51	0°♌	
morning set	-2988 Sep 07 j 15:32	12°♌24'45	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2988 Sep 18 j 07:15	0°♍	
superior conj	-2988 Sep 21 j 13:43	5°♍16'09	0°32'09
minimum elong	-2988 Sep 21 j 17:28	5°♍31'10	0°31'41
max. Earth dist.	-2988 Sep 25 j 12:18	11°♍32'53	1.44574 AU
desc. node	-2988 Sep 26 j 15:15	13°♍19'28	
	-2988 Oct 07 j 07:15	0°♎	
evening rise	-2988 Oct 08 j 04:27	1°♎22'09	
greatest brilliancy	-2988 Oct 26 j 01:15	28°♎23'31	-0.6m
	-2988 Oct 27 j 04:52	0°♏	
evening max el	-2988 Nov 02 j 14:48	7°♏55'21	19°52'15
retrograde	-2988 Nov 10 j 03:11	12°♏18'37	
asc. node	-2988 Nov 11 j 20:12	12°♏01'43	
evening set	-2988 Nov 13 j 14:55	11°♏07'34	
inferior conj	-2988 Nov 19 j 04:34	5°♏04'59	2°20'18
minimum elong	-2988 Nov 19 j 01:48	5°♏14'08	2°19'18
min. Earth dist.	-2988 Nov 20 j 03:44	3°♏48'31	0.66511 AU
	-2988 Nov 23 j 07:22	30°℞♎	
morning rise	-2988 Nov 24 j 12:03	28°♎50'15	
direct	-2988 Nov 30 j 09:59	26°♎15'11	
	-2988 Dec 08 j 17:07	0°♏	
morning max el	-2988 Dec 12 j 09:41	3°♏21'33	25°24'26
desc. node	-2988 Dec 23 j 14:45	16°♏48'11	
	-2987 Jan 01 j 19:02	0°♐	
morning set	-2987 Jan 17 j 14:55	26°♐17'29	
	-2987 Jan 19 j 15:37	0°♑	
max. Earth dist.	-2987 Jan 21 j 10:05	3°♑18'02	1.36465 AU
superior conj	-2987 Jan 27 j 07:40	14°♑43'50	-1°-37'-18
minimum elong	-2987 Jan 27 j 10:56	15°♑00'04	1°37'04
	-2987 Feb 03 j 20:51	0°♒	
evening rise	-2987 Feb 04 j 11:34	1°♒14'23	
asc. node	-2987 Feb 07 j 19:27	7°♒51'36	
evening max el	-2987 Feb 22 j 00:12	29°♒30'34	19°46'25
	-2987 Feb 22 j 12:53	0°♓	
retrograde	-2987 Mar 03 j 18:34	4°♓09'19	
evening set	-2987 Mar 06 j 00:59	3°♓55'25	
	-2987 Mar 14 j 11:10	30°℞♒	
inferior conj	-2987 Mar 14 j 15:42	29°♒52'57	1°51'16
minimum elong	-2987 Mar 14 j 19:57	29°♒46'17	1°49'55
min. Earth dist.	-2987 Mar 17 j 00:41	28°♒24'22	0.55938 AU
desc. node	-2987 Mar 21 j 13:47	25°♒59'11	
morning rise	-2987 Mar 23 j 11:41	25°♒16'50	
direct	-2987 Mar 27 j 17:20	24°♒36'56	
	-2987 Apr 08 j 21:07	0°♓	
morning max el	-2987 Apr 10 j 15:22	1°♓35'22	24°17'42
	-2987 Apr 30 j 03:33	0°♈	
morning set	-2987 May 05 j 13:34	10°♈54'42	
asc. node	-2987 May 06 j 18:58	13°♈30'00	
superior conj	-2987 May 12 j 15:35	26°♈08'11	0°57'51
minimum elong	-2987 May 12 j 13:20	25°♈56'00	0°57'30
	-2987 May 14 j 10:40	0°♉	
max. Earth dist.	-2987 May 14 j 08:11	29°♈46'40	1.33287 AU
evening rise	-2987 May 20 j 01:17	11°♉42'41	
	-2987 May 29 j 18:20	0°♊	
desc. node	-2987 Jun 17 j 12:47	27°♊20'26	
	-2987 Jun 19 j 22:47	0°♋	
evening max el	-2987 Jun 22 j 01:27	2°♋07'14	27°25'02
retrograde	-2987 Jul 05 j 18:52	9°♋29'19	
evening set	-2987 Jul 12 j 22:58	6°♋53'33	
min. Earth dist.	-2987 Jul 16 j 13:14	3°♋48'43	0.63188 AU
inferior conj	-2987 Jul 19 j 07:03	1°♋04'23	-3°-53'-35
minimum elong	-2987 Jul 19 j 10:48	0°♋54'58	3°52'47
	-2987 Jul 20 j 09:04	30°℞♊	
morning rise	-2987 Jul 26 j 00:44	25°♊50'05	
direct	-2987 Jul 28 j 14:15	25°♊18'43	
asc. node	-2987 Aug 02 j 18:17	27°♊26'28	
morning max el	-2987 Aug 04 j 04:24	28°♊43'03	17°55'52
	-2987 Aug 05 j 09:24	0°♋	
morning set	-2987 Aug 20 j 19:09	24°♋29'02	
	-2987 Aug 23 j 22:42	0°♌	
superior conj	-2987 Sep 01 j 17:58	15°♌02'24	1°11'01
minimum elong	-2987 Sep 01 j 23:35	15°♌25'47	1°10'29
max. Earth dist.	-2987 Sep 08 j 03:58	25°♌33'33	1.43583 AU
	-2987 Sep 10 j 22:31	0°♍	
desc. node	-2987 Sep 13 j 12:13	4°♍03'58	
evening rise	-2987 Sep 17 j 09:28	10°♍07'51	
	-2987 Sep 30 j 12:51	0°♎	
greatest brilliancy	-2987 Oct 11 j 01:19	14°♎46'01	-0.5m
evening max el	-2987 Oct 16 j 15:35	21°♎21'54	20°56'50
retrograde	-2987 Oct 25 j 00:21	26°♎19'07	
evening set	-2987 Oct 28 j 22:20	24°♎51'52	
asc. node	-2987 Oct 29 j 17:18	24°♎12'56	
inferior conj	-2987 Nov 03 j 08:49	18°♎39'16	1°32'57
minimum elong	-2987 Nov 03 j 06:48	18°♎46'09	1°32'07
min. Earth dist.	-2987 Nov 03 j 20:16	18°♎00'08	0.67135 AU
morning rise	-2987 Nov 08 j 14:53	12°♎22'37	
direct	-2987 Nov 13 j 21:23	10°♎07'04	
morning max el	-2987 Nov 24 j 18:23	16°♎36'10	24°00'36
	-2987 Dec 05 j 20:47	0°♏	
desc. node	-2987 Dec 10 j 11:46	6°♏25'55	
	-2987 Dec 25 j 19:34	0°♐	
morning set	-2987 Dec 30 j 07:53	7°♐35'15	
max. Earth dist.	-2986 Jan 03 j 06:35	14°♐29'24	1.38435 AU
superior conj	-2986 Jan 10 j 11:17	27°♐44'41	-1°-51'-27
minimum elong	-2986 Jan 10 j 13:35	27°♐55'37	1°51'26
	-2986 Jan 11 j 15:38	0°♑	
evening rise	-2986 Jan 19 j 09:27	15°♑06'48	
asc. node	-2986 Jan 25 j 16:28	27°♑04'24	
	-2986 Jan 27 j 08:28	0°♒	
evening max el	-2986 Feb 04 j 21:31	11°♒42'35	18°53'36
retrograde	-2986 Feb 13 j 04:45	15°♒42'28	
evening set	-2986 Feb 15 j 13:43	15°♒24'10	
inferior conj	-2986 Feb 23 j 11:03	11°♒05'22	3°08'54
minimum elong	-2986 Feb 23 j 15:34	10°♒57'12	3°07'51
min. Earth dist.	-2986 Feb 26 j 16:27	8°♒46'43	0.57448 AU
morning rise	-2986 Mar 03 j 13:33	5°♒58'40	
desc. node	-2986 Mar 08 j 10:52	4°♒48'19	
direct	-2986 Mar 09 j 00:08	4°♒47'34	
morning max el	-2986 Mar 23 j 06:38	12°♒12'01	25°50'20
	-2986 Apr 06 j 02:10	0°♓	
morning set	-2986 Apr 20 j 01:26	25°♓55'45	
	-2986 Apr 21 j 23:30	0°♈	
asc. node	-2986 Apr 23 j 15:57	3°♈38'03	
superior conj	-2986 Apr 27 j 02:27	11°♈07'58	0°35'22
minimum elong	-2986 Apr 27 j 00:57	10°♈59'47	0°35'04
max. Earth dist.	-2986 Apr 27 j 19:02	12°♈38'31	1.32728 AU
evening rise	-2986 May 04 j 05:32	26°♈23'27	
	-2986 May 05 j 23:56	0°♉	
	-2986 May 23 j 07:10	0°♊	
desc. node	-2986 Jun 04 j 09:50	14°♊38'51	
evening max el	-2986 Jun 04 j 07:14	14°♊32'41	27°04'18
retrograde	-2986 Jun 18 j 05:56	21°♊53'14	
evening set	-2986 Jun 25 j 04:41	19°♊41'41	
min. Earth dist.	-2986 Jun 28 j 20:51	16°♊57'34	0.61293 AU
inferior conj	-2986 Jul 02 j 01:57	14°♊07'56	-4°-19'-28
minimum elong	-2986 Jul 02 j 04:09	14°♊03'03	4°19'11
morning rise	-2986 Jul 09 j 06:30	9°♊14'58	
direct	-2986 Jul 11 j 18:18	8°♊49'22	
morning max el	-2986 Jul 18 j 17:59	12°♊17'05	18°01'33

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-2986 Jul 20 j 15:20	14°♊19'29	
	-2986 Jul 30 j 15:28	0°♋	
morning set	-2986 Aug 03 j 17:25	7°♋27'08	
superior conj	-2986 Aug 14 j 01:57	26°♋11'19	1°35'45
minimum elong	-2986 Aug 14 j 05:56	26°♋28'49	1°35'33
	-2986 Aug 16 j 06:29	0°♌	
max. Earth dist.	-2986 Aug 21 j 14:09	9°♌00'29	1.42042 AU
evening rise	-2986 Aug 27 j 21:01	19°♌13'25	
desc. node	-2986 Aug 31 j 09:11	24°♌44'36	
	-2986 Sep 03 j 19:03	0°♍	
greatest brilliancy	-2986 Sep 24 j 16:25	29°♍26'16	-0.3m
	-2986 Sep 25 j 03:31	0°♎	
evening max el	-2986 Sep 29 j 10:11	4°♎47'27	22°11'45
retrograde	-2986 Oct 08 j 20:01	10°♎23'10	
evening set	-2986 Oct 13 j 06:17	8°♎37'43	
asc. node	-2986 Oct 16 j 14:23	5°♎03'19	
inferior conj	-2986 Oct 18 j 15:08	2°♎18'43	0°41'40
minimum elong	-2986 Oct 18 j 14:11	2°♎22'01	0°41'16
min. Earth dist.	-2986 Oct 18 j 16:00	2°♎15'43	0.67441 AU
	-2986 Oct 20 j 07:54	30°℞♍	
morning rise	-2986 Oct 23 j 21:55	26°♍02'47	
direct	-2986 Oct 28 j 13:12	24°♍09'05	
morning max el	-2986 Nov 07 j 05:23	29°♍54'25	22°33'49
	-2986 Nov 07 j 07:35	0°♎	
greatest brilliancy	-2986 Nov 11 j 21:50	5°♎10'31	-0.3m
desc. node	-2986 Nov 27 j 08:46	26°♎27'56	
	-2986 Nov 29 j 17:22	0°♏	
morning set	-2986 Dec 10 j 20:55	17°♏29'45	
max. Earth dist.	-2986 Dec 16 j 03:14	26°♏15'10	1.40513 AU
	-2986 Dec 18 j 07:46	0°♐	
superior conj	-2986 Dec 23 j 21:51	9°♐51'45	-1°-56'-42
minimum elong	-2986 Dec 23 j 21:39	9°♐50'52	1°56'49
evening rise	-2985 Jan 02 j 21:38	28°♐25'42	
	-2985 Jan 03 j 17:38	0°♑	
asc. node	-2985 Jan 12 j 13:30	15°♑46'27	
evening max el	-2985 Jan 19 j 02:47	24°♑23'58	18°20'58
retrograde	-2985 Jan 26 j 09:30	28°♑00'22	
evening set	-2985 Jan 28 j 21:42	27°♑35'47	
inferior conj	-2985 Feb 05 j 03:06	22°♑56'10	3°49'37
minimum elong	-2985 Feb 05 j 05:20	22°♑51'30	3°49'19
min. Earth dist.	-2985 Feb 08 j 12:22	20°♑06'40	0.59381 AU
morning rise	-2985 Feb 12 j 09:36	17°♑25'29	
direct	-2985 Feb 18 j 19:50	15°♑35'24	
desc. node	-2985 Feb 23 j 07:58	16°♑26'55	
morning max el	-2985 Mar 05 j 02:13	23°♑13'57	27°00'54
	-2985 Mar 11 j 04:03	0°♒	
	-2985 Mar 30 j 01:26	0°♓	
morning set	-2985 Apr 04 j 11:25	10°♓50'33	
asc. node	-2985 Apr 10 j 12:57	23°♓50'57	
superior conj	-2985 Apr 11 j 14:14	26°♓09'25	0°11'04
minimum elong	-2985 Apr 11 j 13:45	26°♓06'43	0°10'56
behind sun begin	-2985 Apr 11 j 10:07	25°♓46'50	
behind sun end	-2985 Apr 11 j 17:22	26°♓26'36	
max. Earth dist.	-2985 Apr 11 j 08:18	25°♓36'53	1.32511 AU
	-2985 Apr 13 j 08:21	0°♈	
evening rise	-2985 Apr 18 j 14:16	11°♈16'43	
	-2985 Apr 28 j 06:02	0°♉	
evening max el	-2985 May 17 j 07:00	26°♉16'17	26°11'28
	-2985 May 21 j 18:24	0°♊	
desc. node	-2985 May 22 j 06:54	0°♊21'27	
retrograde	-2985 May 31 j 09:00	3°♊33'12	
evening set	-2985 Jun 06 j 14:04	1°♊57'38	
	-2985 Jun 09 j 19:51	30°℞♉	
min. Earth dist.	-2985 Jun 10 j 19:51	29°♉17'07	0.59244 AU
inferior conj	-2985 Jun 14 j 04:43	26°♉42'27	-4°-24'-25
minimum elong	-2985 Jun 14 j 03:47	26°♉44'14	4°24'20
morning rise	-2985 Jun 21 j 21:14	22°♉11'49	
direct	-2985 Jun 24 j 08:38	21°♉50'35	
morning max el	-2985 Jul 02 j 03:10	25°♉33'15	18°26'49
	-2985 Jul 05 j 23:32	0°♊	
asc. node	-2985 Jul 07 j 12:23	2°♊10'33	
morning set	-2985 Jul 18 j 05:22	21°♊06'39	
	-2985 Jul 22 j 20:42	0°♋	
superior conj	-2985 Jul 27 j 09:45	8°♋32'13	1°47'13
minimum elong	-2985 Jul 27 j 11:09	8°♋38'42	1°47'15
max. Earth dist.	-2985 Aug 03 j 18:28	21°♋43'31	1.40165 AU
evening rise	-2985 Aug 08 j 06:36	29°♋22'30	
	-2985 Aug 08 j 15:37	0°♌	
desc. node	-2985 Aug 18 j 06:11	15°♌17'50	
	-2985 Aug 28 j 06:57	0°♍	
evening max el	-2985 Sep 11 j 23:58	18°♍14'53	23°31'58
retrograde	-2985 Sep 22 j 12:45	24°♍28'24	
evening set	-2985 Sep 27 j 13:03	22°♍23'46	
inferior conj	-2985 Oct 02 j 21:49	16°♍02'10	0°-11'-44
minimum elong	-2985 Oct 02 j 22:05	16°♍01'13	0°11'36
transit middle	-2985 Oct 02 j 22:05	16°♍01'13	0°11'36
transit begin	-2985 Oct 02 j 20:11	16°♍07'45	
transit end	-2985 Oct 03 j 00:00	15°♍54'41	
min. Earth dist.	-2985 Oct 02 j 12:30	16°♍34'03	0.67447 AU
asc. node	-2985 Oct 03 j 11:29	15°♍15'29	
morning rise	-2985 Oct 08 j 07:13	9°♍49'52	
direct	-2985 Oct 12 j 08:37	8°♍17'31	
morning max el	-2985 Oct 20 j 21:47	13°♍19'28	21°12'11
greatest brilliancy	-2985 Oct 26 j 08:24	19°♍39'10	-0.5m
	-2985 Nov 02 j 22:14	0°♎	
desc. node	-2985 Nov 14 j 05:46	16°♎47'26	
morning set	-2985 Nov 20 j 06:40	26°♎08'09	
	-2985 Nov 22 j 17:25	0°♏	
max. Earth dist.	-2985 Nov 28 j 05:58	8°♏53'55	1.42423 AU
superior conj	-2985 Dec 05 j 09:48	20°♏51'50	-1°-49'-8
minimum elong	-2985 Dec 05 j 05:43	20°♏34'25	1°49'00
	-2985 Dec 10 j 16:04	0°♐	
evening rise	-2985 Dec 16 j 20:28	11°♐03'10	
	-2985 Dec 27 j 19:19	0°♑	
asc. node	-2985 Dec 30 j 10:34	3°♑47'53	
evening max el	-2984 Jan 02 j 13:09	7°♑26'15	18°08'13
retrograde	-2984 Jan 09 j 06:04	10°♑53'32	
evening set	-2984 Jan 11 j 21:30	10°♑21'27	
inferior conj	-2984 Jan 18 j 13:49	5°♑20'05	3°59'59
minimum elong	-2984 Jan 18 j 13:27	5°♑20'58	3°59'54
min. Earth dist.	-2984 Jan 21 j 15:07	2°♑24'04	0.61410 AU
	-2984 Jan 24 j 11:49	30°℞♐	
morning rise	-2984 Jan 25 j 02:56	29°♐33'08	
direct	-2984 Feb 01 j 02:02	27°♐08'52	
	-2984 Feb 09 j 05:50	0°♑	
desc. node	-2984 Feb 10 j 05:03	0°♑39'50	
morning max el	-2984 Feb 15 j 03:52	4°♑53'51	27°38'44
	-2984 Mar 04 j 22:21	0°♒	
morning set	-2984 Mar 18 j 17:30	25°♒30'53	
	-2984 Mar 20 j 21:20	0°♓	
max. Earth dist.	-2984 Mar 24 j 20:10	8°♓27'20	1.32646 AU
superior conj	-2984 Mar 26 j 01:13	11°♓05'16	0°-14'-17
minimum elong	-2984 Mar 26 j 01:52	11°♓08'49	0°14'12
behind sun begin	-2984 Mar 25 j 23:37	10°♓56'33	
behind sun end	-2984 Mar 26 j 04:07	11°♓21'05	
asc. node	-2984 Mar 27 j 09:57	14°♓03'45	
evening rise	-2984 Apr 02 j 01:23	26°♓13'58	
	-2984 Apr 03 j 20:47	0°♈	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2984 Apr 21 j 13:09	0°♉	
evening max el	-2984 Apr 28 j 00:57	7°♉20'25	24°52'37
desc. node	-2984 May 08 j 03:59	13°♉51'39	
retrograde	-2984 May 12 j 01:19	14°♉26'41	
evening set	-2984 May 17 j 01:24	13°♉29'28	
min. Earth dist.	-2984 May 22 j 13:03	10°♉36'05	0.57317 AU
inferior conj	-2984 May 25 j 12:09	8°♉38'06	-3°-57'-53
minimum elong	-2984 May 25 j 07:27	8°♉45'58	3°57'06
morning rise	-2984 Jun 02 j 17:33	4°♉27'36	
direct	-2984 Jun 05 j 05:25	4°♉09'39	
morning max el	-2984 Jun 14 j 04:54	8°♉20'52	19°12'29
asc. node	-2984 Jun 23 j 09:25	20°♉45'42	
	-2984 Jun 28 j 10:22	0°♊	
morning set	-2984 Jul 01 j 03:04	5°♊16'46	
superior conj	-2984 Jul 09 j 11:30	21°♊47'52	1°48'01
minimum elong	-2984 Jul 09 j 10:45	21°♊44'15	1°48'05
	-2984 Jul 13 j 18:57	0°♋	
max. Earth dist.	-2984 Jul 15 j 20:28	3°♋48'21	1.38203 AU
evening rise	-2984 Jul 19 j 18:04	10°♋46'48	
	-2984 Jul 31 j 10:03	0°♌	
desc. node	-2984 Aug 04 j 03:12	5°♌38'36	
	-2984 Aug 22 j 17:55	0°♍	
evening max el	-2984 Aug 24 j 11:21	1°♍46'15	24°50'59
retrograde	-2984 Sep 05 j 01:33	8°♍31'20	
evening set	-2984 Sep 10 j 16:53	6°♍08'13	
min. Earth dist.	-2984 Sep 15 j 07:15	0°♍53'40	0.67143 AU
	-2984 Sep 15 j 23:27	30°℞♌	
inferior conj	-2984 Sep 16 j 03:07	29°♌47'47	-1°-5'-42
minimum elong	-2984 Sep 16 j 04:41	29°♌42'35	1°05'01
asc. node	-2984 Sep 19 j 08:34	25°♌48'07	
morning rise	-2984 Sep 21 j 16:52	23°♌42'25	
direct	-2984 Sep 25 j 06:21	22°♌29'06	
morning max el	-2984 Oct 02 j 21:29	26°♌54'00	20°01'31
	-2984 Oct 05 j 16:00	0°♍	
greatest brilliancy	-2984 Oct 10 j 06:05	5°♍59'13	-0.6m
	-2984 Oct 26 j 09:08	0°♎	
morning set	-2984 Oct 29 j 04:21	4°♎19'21	
desc. node	-2984 Oct 31 j 02:47	7°♎19'29	
max. Earth dist.	-2984 Nov 09 j 16:39	22°♎24'04	1.43893 AU
	-2984 Nov 14 j 09:51	0°♏	
superior conj	-2984 Nov 14 j 18:49	0°♏36'28	-1°-25'-9
minimum elong	-2984 Nov 14 j 11:37	0°♏07'12	1°24'30
evening rise	-2984 Nov 28 j 01:41	22°♏51'36	
	-2984 Dec 02 j 05:33	0°♐	
evening max el	-2984 Dec 16 j 01:44	20°♐42'20	18°14'35
asc. node	-2984 Dec 16 j 07:39	20°♐57'06	
retrograde	-2984 Dec 22 j 14:21	24°♐12'56	
evening set	-2984 Dec 25 j 09:29	23°♐32'14	
inferior conj	-2984 Dec 31 j 15:29	18°♐10'05	3°48'32
minimum elong	-2984 Dec 31 j 13:20	18°♐15'55	3°48'11
min. Earth dist.	-2983 Jan 03 j 03:00	15°♐28'52	0.63274 AU
morning rise	-2983 Jan 06 j 15:30	12°♐11'47	
direct	-2983 Jan 13 j 16:20	9°♐26'48	
desc. node	-2983 Jan 27 j 02:07	16°♐51'40	
morning max el	-2983 Jan 27 j 10:38	17°♐12'34	27°40'04
	-2983 Feb 07 j 03:38	0°♑	
	-2983 Feb 25 j 15:41	0°♒	
morning set	-2983 Mar 02 j 17:23	9°♒48'48	
max. Earth dist.	-2983 Mar 08 j 02:49	20°♒56'36	1.33162 AU
superior conj	-2983 Mar 10 j 09:42	25°♒49'32	0°-39'-45
minimum elong	-2983 Mar 10 j 11:30	25°♒59'11	0°39'28
	-2983 Mar 12 j 08:12	0°♓	
asc. node	-2983 Mar 14 j 06:59	4°♓12'21	
evening rise	-2983 Mar 17 j 13:04	11°♓08'40	

	-2983 Mar 27 j 07:27	0°♈	
evening max el	-2983 Apr 09 j 16:39	18°♈02'31	23°19'40
retrograde	-2983 Apr 23 j 04:40	24°♈44'11	
desc. node	-2983 Apr 25 j 01:03	24°♈36'34	
evening set	-2983 Apr 26 j 20:21	24°♈14'58	
min. Earth dist.	-2983 May 04 j 03:17	20°♈56'34	0.55849 AU
inferior conj	-2983 May 05 j 23:47	19°♈50'56	-2°-50'-40
minimum elong	-2983 May 05 j 17:33	20°♈00'10	2°48'58
morning rise	-2983 May 14 j 17:58	15°♈53'30	
direct	-2983 May 17 j 07:41	15°♈37'17	
morning max el	-2983 May 27 j 20:44	20°♈31'05	20°18'40
	-2983 Jun 04 j 12:04	0°♉	
asc. node	-2983 Jun 10 j 06:27	9°♉54'25	
morning set	-2983 Jun 15 j 07:32	19°♉49'46	
	-2983 Jun 20 j 06:35	0°♊	
superior conj	-2983 Jun 23 j 02:11	5°♊44'13	1°40'44
minimum elong	-2983 Jun 23 j 00:07	5°♊33'47	1°40'40
max. Earth dist.	-2983 Jun 28 j 02:05	15°♊36'39	1.36394 AU
evening rise	-2983 Jul 02 j 04:04	23°♊18'10	
	-2983 Jul 05 j 21:24	0°♋	
desc. node	-2983 Jul 22 j 00:14	25°♋40'35	
	-2983 Jul 25 j 02:25	0°♌	
evening max el	-2983 Aug 06 j 22:25	15°♌19'26	26°00'53
retrograde	-2983 Aug 19 j 09:38	22°♌26'25	
evening set	-2983 Aug 25 j 15:48	19°♌48'12	
min. Earth dist.	-2983 Aug 29 j 21:45	15°♌11'24	0.66509 AU
inferior conj	-2983 Aug 31 j 05:12	13°♌32'25	-1°-58'-35
minimum elong	-2983 Aug 31 j 07:59	13°♌23'40	1°57'29
morning rise	-2983 Sep 06 j 00:54	7°♌37'18	
asc. node	-2983 Sep 06 j 05:40	7°♌30'19	
direct	-2983 Sep 09 j 04:39	6°♌39'56	
morning max el	-2983 Sep 16 j 04:12	10°♌36'34	19°05'00
	-2983 Sep 30 j 03:52	0°♍	
morning set	-2983 Oct 08 j 13:41	13°♍10'53	
desc. node	-2983 Oct 17 j 23:47	27°♍59'14	
	-2983 Oct 19 j 06:31	0°♎	
max. Earth dist.	-2983 Oct 23 j 09:03	6°♎27'56	1.44731 AU
superior conj	-2983 Oct 25 j 03:12	9°♎14'25	0°-44'-38
minimum elong	-2983 Oct 24 j 21:40	8°♎52'29	0°43'58
	-2983 Nov 07 j 02:16	0°♏	
evening rise	-2983 Nov 09 j 08:44	3°♏41'47	
	-2983 Nov 26 j 03:15	0°♐	
evening max el	-2983 Nov 29 j 13:44	4°♐05'21	18°39'16
asc. node	-2983 Dec 03 j 04:44	6°♐59'02	
retrograde	-2983 Dec 06 j 06:10	7°♐49'47	
evening set	-2983 Dec 09 j 06:14	6°♐59'00	
inferior conj	-2983 Dec 15 j 04:18	1°♐18'32	3°21'59
minimum elong	-2983 Dec 15 j 01:20	1°♐27'25	3°21'15
	-2983 Dec 16 j 06:30	30°℞♏	
min. Earth dist.	-2983 Dec 17 j 00:48	29°♏05'45	0.64821 AU
morning rise	-2983 Dec 20 j 19:18	25°♏11'44	
direct	-2983 Dec 27 j 13:20	22°♏21'13	
	-2982 Jan 09 j 19:39	0°♐	
morning max el	-2982 Jan 09 j 20:04	0°♐01'02	27°07'26
desc. node	-2982 Jan 13 j 23:11	4°♐28'32	
	-2982 Feb 01 j 02:08	0°♑	
morning set	-2982 Feb 14 j 08:00	23°♑34'05	
	-2982 Feb 17 j 14:12	0°♒	
max. Earth dist.	-2982 Feb 19 j 00:29	2°♒53'42	1.34096 AU
superior conj	-2982 Feb 22 j 13:42	10°♒15'13	-1°-4'-17
minimum elong	-2982 Feb 22 j 16:28	10°♒29'45	1°03'53
asc. node	-2982 Mar 01 j 04:02	24°♒12'02	
evening rise	-2982 Mar 01 j 23:31	25°♒53'56	
	-2982 Mar 03 j 23:17	0°♓	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-2982 Mar 22 j 12:16	28°♓49'31	21°46'54
	-2982 Mar 23 j 19:16	0°♈	
retrograde	-2982 Apr 03 j 21:11	4°♈49'19	
evening set	-2982 Apr 06 j 12:57	4°♈33'29	
desc. node	-2982 Apr 11 j 22:07	2°♈38'05	
inferior conj	-2982 Apr 15 j 21:15	0°♈30'09	-1°-6'-8
minimum elong	-2982 Apr 15 j 18:12	0°♈34'27	1°05'05
min. Earth dist.	-2982 Apr 15 j 16:47	0°♈36'25	0.55143 AU
	-2982 Apr 16 j 18:47	30°℞♓	
morning rise	-2982 Apr 25 j 00:20	26°♓31'11	
direct	-2982 Apr 27 j 20:45	26°♓13'12	
	-2982 May 07 j 17:24	0°♈	
morning max el	-2982 May 10 j 01:42	1°♈59'28	21°43'24
asc. node	-2982 May 28 j 03:30	29°♈28'16	
	-2982 May 28 j 09:50	0°♉	
morning set	-2982 May 30 j 16:29	4°♉38'58	
superior conj	-2982 Jun 07 j 01:56	20°♉09'58	1°27'25
minimum elong	-2982 Jun 06 j 23:20	19°♉56'22	1°27'11
max. Earth dist.	-2982 Jun 10 j 16:03	27°♉33'12	1.34887 AU
	-2982 Jun 11 j 21:13	0°♊	
evening rise	-2982 Jun 15 j 07:20	6°♊42'41	
	-2982 Jun 28 j 13:09	0°♋	
desc. node	-2982 Jul 08 j 21:13	15°♋15'41	
evening max el	-2982 Jul 20 j 09:51	28°♋48'31	26°53'41
	-2982 Jul 21 j 16:20	0°♌	
retrograde	-2982 Aug 02 j 12:43	6°♌07'41	
evening set	-2982 Aug 09 j 07:30	3°♌21'15	
	-2982 Aug 12 j 16:41	30°℞♋	
min. Earth dist.	-2982 Aug 13 j 05:40	29°♋23'05	0.65514 AU
inferior conj	-2982 Aug 15 j 02:02	27°♋13'20	-2°-48'-22
minimum elong	-2982 Aug 15 j 05:45	27°♋02'29	2°47'07
morning rise	-2982 Aug 21 j 05:13	21°♋31'41	
direct	-2982 Aug 24 j 01:33	20°♋46'53	
asc. node	-2982 Aug 24 j 02:45	20°♋46'54	
morning max el	-2982 Aug 30 j 16:12	24°♋24'25	18°24'30
	-2982 Sep 04 j 06:08	0°♌	
morning set	-2982 Sep 19 j 01:04	23°♌19'56	
	-2982 Sep 23 j 03:27	0°♍	
superior conj	-2982 Oct 04 j 03:02	17°♍33'30	0°04'45
minimum elong	-2982 Oct 04 j 03:39	17°♍35'55	0°04'41
behind sun begin	-2982 Oct 03 j 16:49	16°♍53'05	
behind sun end	-2982 Oct 04 j 14:29	18°♍18'43	
desc. node	-2982 Oct 04 j 20:46	18°♍43'32	
max. Earth dist.	-2982 Oct 06 j 03:29	20°♍44'41	1.44842 AU
	-2982 Oct 12 j 00:47	0°♎	
evening rise	-2982 Oct 20 j 15:12	13°♎29'50	
	-2982 Oct 31 j 04:37	0°♏	
greatest brilliancy	-2982 Nov 03 j 06:59	4°♏42'54	-0.7m
evening max el	-2982 Nov 12 j 22:46	17°♏31'36	19°21'03
retrograde	-2982 Nov 20 j 02:09	21°♏38'47	
asc. node	-2982 Nov 20 j 01:48	21°♏38'47	
evening set	-2982 Nov 23 j 08:56	20°♏35'55	
inferior conj	-2982 Nov 29 j 01:09	14°♏40'18	2°45'01
minimum elong	-2982 Nov 28 j 22:08	14°♏49'58	2°44'03
min. Earth dist.	-2982 Nov 30 j 07:38	13°♏02'31	0.65999 AU
morning rise	-2982 Dec 04 j 10:32	8°♏27'31	
direct	-2982 Dec 10 j 16:33	5°♏44'07	
morning max el	-2982 Dec 23 j 05:43	13°♏07'13	26°07'33
desc. node	-2982 Dec 31 j 20:15	23°♏05'42	
	-2981 Jan 05 j 22:56	0°♐	
	-2981 Jan 24 j 18:30	0°♑	
morning set	-2981 Jan 28 j 09:18	6°♑34'52	
max. Earth dist.	-2981 Feb 01 j 10:29	14°♑16'33	1.35475 AU
superior conj	-2981 Feb 06 j 10:51	24°♑15'29	-1°-26'-24
minimum elong	-2981 Feb 06 j 14:08	24°♑32'15	1°26'04
	-2981 Feb 09 j 06:03	0°♒	
evening rise	-2981 Feb 14 j 06:52	10°♒23'56	
asc. node	-2981 Feb 16 j 01:03	13°♒58'11	
	-2981 Feb 24 j 19:31	0°♓	
evening max el	-2981 Mar 04 j 17:11	10°♓05'04	20°25'31
retrograde	-2981 Mar 15 j 11:23	15°♓12'42	
evening set	-2981 Mar 17 j 17:47	15°♓00'00	
inferior conj	-2981 Mar 26 j 17:24	11°♓01'56	0°51'08
minimum elong	-2981 Mar 26 j 19:40	10°♓58'37	0°50'20
min. Earth dist.	-2981 Mar 28 j 06:55	10°♓06'54	0.55378 AU
desc. node	-2981 Mar 29 j 19:13	9°♓15'17	
morning rise	-2981 Apr 04 j 19:24	6°♓42'29	
direct	-2981 Apr 08 j 09:32	6°♓14'25	
morning max el	-2981 Apr 21 j 21:22	12°♓51'14	23°20'34
	-2981 May 04 j 20:57	0°♈	
morning set	-2981 May 15 j 03:53	19°♈37'21	
asc. node	-2981 May 15 j 00:31	19°♈19'43	
	-2981 May 20 j 00:47	0°♉	
superior conj	-2981 May 22 j 07:45	4°♉54'53	1°09'39
minimum elong	-2981 May 22 j 05:13	4°♉41'23	1°09'18
max. Earth dist.	-2981 May 24 j 15:37	9°♉51'39	1.33753 AU
evening rise	-2981 May 29 j 23:07	20°♉45'49	
	-2981 Jun 03 j 18:16	0°♊	
	-2981 Jun 22 j 11:58	0°♋	
desc. node	-2981 Jun 25 j 18:14	4°♋11'49	
evening max el	-2981 Jul 02 j 20:46	12°♋02'35	27°22'09
retrograde	-2981 Jul 16 j 10:19	19°♋25'56	
evening set	-2981 Jul 23 j 13:00	16°♋42'17	
min. Earth dist.	-2981 Jul 27 j 05:04	13°♋20'00	0.64138 AU
inferior conj	-2981 Jul 29 j 15:12	10°♋45'11	-3°-32'-23
minimum elong	-2981 Jul 29 j 19:13	10°♋34'27	3°31'20
morning rise	-2981 Aug 05 j 03:14	5°♋20'06	
direct	-2981 Aug 07 j 18:29	4°♋44'45	
asc. node	-2981 Aug 10 j 23:49	5°♋37'34	
morning max el	-2981 Aug 14 j 06:57	8°♋11'40	18°01'07
	-2981 Aug 28 j 20:28	0°♌	
morning set	-2981 Aug 31 j 15:20	4°♌45'57	
superior conj	-2981 Sep 13 j 16:42	26°♌36'33	0°50'14
minimum elong	-2981 Sep 13 j 21:49	26°♌57'18	0°49'40
	-2981 Sep 15 j 18:58	0°♍	
max. Earth dist.	-2981 Sep 18 j 20:22	4°♍54'03	1.44231 AU
desc. node	-2981 Sep 21 j 17:43	9°♍28'55	
evening rise	-2981 Sep 30 j 01:23	22°♍27'18	
	-2981 Oct 04 j 23:17	0°♎	
greatest brilliancy	-2981 Oct 20 j 12:50	22°♎55'44	-0.6m
	-2981 Oct 26 j 04:56	0°♏	
evening max el	-2981 Oct 27 j 02:53	0°♏58'27	20°18'11
retrograde	-2981 Nov 03 j 23:30	5°♏35'52	
asc. node	-2981 Nov 06 j 22:51	4°♏44'45	
evening set	-2981 Nov 07 j 15:13	4°♏18'25	
	-2981 Nov 11 j 18:28	30°℞♎	
inferior conj	-2981 Nov 13 j 03:20	28°♎11'08	2°00'48
minimum elong	-2981 Nov 13 j 00:51	28°♎19'31	1°59'50
min. Earth dist.	-2981 Nov 13 j 21:25	27°♎10'22	0.66817 AU
morning rise	-2981 Nov 18 j 09:55	21°♎54'58	
direct	-2981 Nov 24 j 01:18	19°♎27'32	
morning max el	-2981 Dec 05 j 14:22	26°♎20'05	24°49'36
	-2981 Dec 08 j 23:52	0°♏	
desc. node	-2981 Dec 18 j 17:18	12°♏25'19	
	-2981 Dec 30 j 13:11	0°♐	
morning set	-2980 Jan 10 j 15:56	18°♐35'45	
max. Earth dist.	-2980 Jan 14 j 09:48	25°♐21'00	1.37267 AU
	-2980 Jan 16 j 21:46	0°♑	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-2980 Jan 20 j 22:01	7°♑41'41	-1°-44'-11	
minimum elong	-2980 Jan 21 j 01:02	7°♑56'25	1°44'03	
evening rise	-2980 Jan 29 j 08:57	24°♑32'21		
	-2980 Feb 01 j 03:17	0°♒		
asc. node	-2980 Feb 02 j 22:05	3°♒25'26		
evening max el	-2980 Feb 15 j 08:59	21°♒58'11	19°21'36	
retrograde	-2980 Feb 24 j 11:24	26°♒18'24		
evening set	-2980 Feb 26 j 18:31	26°♒03'04		
inferior conj	-2980 Mar 06 j 01:56	21°♒55'01	2°28'47	
minimum elong	-2980 Mar 06 j 06:46	21°♒47'00	2°27'25	
min. Earth dist.	-2980 Mar 08 j 22:00	20°♒03'02	0.56500 AU	
morning rise	-2980 Mar 14 j 15:11	17°♒05'15		
desc. node	-2980 Mar 15 j 16:19	16°♒45'10		
direct	-2980 Mar 19 j 09:16	16°♒13'23		
morning max el	-2980 Apr 02 j 12:24	23°♒25'38	24°58'53	
	-2980 Apr 08 j 10:00	0°♓		
	-2980 Apr 26 j 10:06	0°♈		
morning set	-2980 Apr 28 j 16:04	4°♈39'10		
asc. node	-2980 Apr 30 j 21:32	9°♈23'23		
superior conj	-2980 May 05 j 17:20	19°♈51'25	0°48'37	
minimum elong	-2980 May 05 j 15:22	19°♈40'42	0°48'16	
max. Earth dist.	-2980 May 06 j 23:13	22°♈33'25	1.33000 AU	
	-2980 May 10 j 10:47	0°♉		
evening rise	-2980 May 12 j 23:42	5°♉16'04		
	-2980 May 26 j 09:51	0°♊		
desc. node	-2980 Jun 11 j 15:16	22°♊12'20		
evening max el	-2980 Jun 14 j 05:21	24°♊49'48	27°20'23	
	-2980 Jun 20 j 20:59	0°♋		
retrograde	-2980 Jun 28 j 01:41	2°♋11'49		
	-2980 Jul 04 j 19:28	30°℞♊		
evening set	-2980 Jul 05 j 04:37	29°♊44'50		
min. Earth dist.	-2980 Jul 08 j 18:40	26°♊50'19	0.62409 AU	
inferior conj	-2980 Jul 11 j 17:45	24°♊01'34	-4°-6'-36	
minimum elong	-2980 Jul 11 j 21:02	23°♊53'43	4°06'01	
morning rise	-2980 Jul 18 j 15:54	18°♊55'54		
direct	-2980 Jul 21 j 04:22	18°♊27'17		
asc. node	-2980 Jul 27 j 20:52	21°♊50'12		
morning max el	-2980 Jul 27 j 21:43	21°♊52'15	17°55'53	
	-2980 Aug 03 j 03:29	0°♋		
morning set	-2980 Aug 13 j 03:35	17°♋15'00		
	-2980 Aug 20 j 07:55	0°♌		
superior conj	-2980 Aug 24 j 08:50	6°♌58'10	1°23'16	
minimum elong	-2980 Aug 24 j 14:02	7°♌20'15	1°22'50	
max. Earth dist.	-2980 Aug 31 j 09:30	18°♌40'45	1.42987 AU	
	-2980 Sep 07 j 11:31	0°♍		
desc. node	-2980 Sep 07 j 14:40	0°♍12'20		
evening rise	-2980 Sep 08 j 06:43	1°♍15'07		
	-2980 Sep 27 j 13:47	0°♎		
greatest brilliancy	-2980 Oct 03 j 23:14	8°♎33'41	-0.4m	
evening max el	-2980 Oct 09 j 01:06	14°♎25'03	21°27'45	
retrograde	-2980 Oct 17 j 20:09	19°♎38'09		
evening set	-2980 Oct 21 j 23:04	18°♎03'34		
asc. node	-2980 Oct 23 j 19:57	16°♎18'26		
inferior conj	-2980 Oct 27 j 08:42	11°♎48'03	1°11'34	
minimum elong	-2980 Oct 27 j 07:06	11°♎53'32	1°10'54	
min. Earth dist.	-2980 Oct 27 j 15:39	11°♎24'08	0.67307 AU	
morning rise	-2980 Nov 01 j 14:49	5°♎31'17		
direct	-2980 Nov 06 j 14:52	3°♎24'38		
morning max el	-2980 Nov 16 j 23:26	9°♎35'23	23°23'23	
greatest brilliancy	-2980 Nov 22 j 13:37	15°♎54'58	-0.2m	
	-2980 Dec 03 j 01:02	0°♏		
desc. node	-2980 Dec 04 j 14:17	2°♏14'32		
morning set	-2980 Dec 21 j 21:28	29°♏18'57		
	-2980 Dec 22 j 07:14	0°♐		
max. Earth dist.	-2980 Dec 26 j 05:08	6°♐42'17	1.39324 AU	

superior conj	-2979 Jan 02 j 19:03	20°♐21'40	-1°-54'-59	
minimum elong	-2979 Jan 02 j 20:30	20°♐28'23	1°55'04	
	-2979 Jan 07 j 21:17	0°♑		
evening rise	-2979 Jan 12 j 03:06	8°♑11'18		
asc. node	-2979 Jan 19 j 19:07	22°♑26'15		
	-2979 Jan 24 j 15:45	0°♒		
evening max el	-2979 Jan 28 j 10:07	4°♒24'07	18°37'18	
retrograde	-2979 Feb 05 j 05:16	8°♒11'40		
evening set	-2979 Feb 07 j 15:49	7°♒50'44		
inferior conj	-2979 Feb 15 j 06:04	3°♒23'30	3°30'23	
minimum elong	-2979 Feb 15 j 09:47	3°♒16'21	3°29'41	
min. Earth dist.	-2979 Feb 18 j 15:03	0°♒48'56	0.58244 AU	
	-2979 Feb 19 j 18:43	30°℞♑		
morning rise	-2979 Feb 23 j 00:02	28°♑05'55		
direct	-2979 Feb 28 j 22:03	26°♑38'18		
desc. node	-2979 Mar 02 j 13:25	26°♑45'00		
	-2979 Mar 10 j 05:08	0°♒		
morning max el	-2979 Mar 15 j 04:47	4°♒09'26	26°23'45	
	-2979 Apr 02 j 23:00	0°♓		
morning set	-2979 Apr 13 j 03:19	19°♓37'50		
asc. node	-2979 Apr 17 j 18:33	29°♓33'52		
	-2979 Apr 17 j 23:21	0°♈		
superior conj	-2979 Apr 20 j 04:47	4°♈52'14	0°25'14	
minimum elong	-2979 Apr 20 j 03:41	4°♈46'14	0°25'00	
max. Earth dist.	-2979 Apr 20 j 11:35	5°♈29'27	1.32598 AU	
evening rise	-2979 Apr 27 j 06:09	20°♈03'02		
	-2979 May 02 j 05:07	0°♉		
	-2979 May 21 j 01:13	0°♊		
evening max el	-2979 May 27 j 08:59	6°♊58'23	26°45'39	
desc. node	-2979 May 29 j 12:20	8°♊53'49		
retrograde	-2979 Jun 10 j 09:19	14°♊16'57		
evening set	-2979 Jun 17 j 02:04	12°♊20'01		
min. Earth dist.	-2979 Jun 20 j 22:28	9°♊39'27	0.60425 AU	
inferior conj	-2979 Jun 24 j 06:14	6°♊53'51	-4°-24'-45	
minimum elong	-2979 Jun 24 j 07:17	6°♊51'39	4°24'38	
morning rise	-2979 Jul 01 j 15:41	2°♊10'02		
direct	-2979 Jul 04 j 03:15	1°♊46'19		
morning max el	-2979 Jul 11 j 09:41	5°♊18'59	18°09'51	
asc. node	-2979 Jul 14 j 17:56	9°♊09'15		
morning set	-2979 Jul 27 j 08:14	0°♋32'20		
	-2979 Jul 27 j 01:20	0°♋		
superior conj	-2979 Aug 06 j 03:36	18°♋39'18	1°42'06	
minimum elong	-2979 Aug 06 j 06:30	18°♋52'18	1°42'01	
	-2979 Aug 12 j 15:14	0°♌		
max. Earth dist.	-2979 Aug 13 j 17:31	1°♌51'27	1.41272 AU	
evening rise	-2979 Aug 19 j 02:30	10°♌44'40		
desc. node	-2979 Aug 25 j 11:40	20°♌50'34		
	-2979 Aug 31 j 12:47	0°♍		
greatest brilliancy	-2979 Sep 16 j 20:17	22°♍23'43	-0.3m	
evening max el	-2979 Sep 21 j 17:36	27°♍52'13	22°45'35	
	-2979 Sep 23 j 23:58	0°♎		
retrograde	-2979 Oct 01 j 14:36	3°♎43'42		
evening set	-2979 Oct 06 j 06:44	1°♎50'05		
	-2979 Oct 08 j 03:45	30°℞♍		
asc. node	-2979 Oct 10 j 17:01	26°♍46'39		
inferior conj	-2979 Oct 11 j 15:24	25°♍29'47	0°19'13	
minimum elong	-2979 Oct 11 j 14:57	25°♍31'20	0°19'03	
min. Earth dist.	-2979 Oct 11 j 11:56	25°♍41'44	0.67486 AU	
morning rise	-2979 Oct 16 j 23:06	19°♍15'14		
direct	-2979 Oct 21 j 08:23	17°♍30'43		
morning max el	-2979 Oct 30 j 12:23	22°♍56'27	21°58'06	
greatest brilliancy	-2979 Nov 04 j 07:59	28°♍24'39	-0.4m	
	-2979 Nov 05 j 14:23	0°♎		
desc. node	-2979 Nov 21 j 11:18	22°♎25'13		
	-2979 Nov 26 j 10:27	0°♏		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-2979 Dec 01 j 22:11	8°♏38'28	
max. Earth dist.	-2979 Dec 08 j 04:32	18°♏52'35	1.41374 AU
	-2979 Dec 14 j 16:51	0°♐	
superior conj	-2979 Dec 15 j 20:47	2°♐02'36	-1°-55'-18
minimum elong	-2979 Dec 15 j 19:03	1°♐54'57	1°55'22
evening rise	-2979 Dec 26 j 10:08	21°♐14'05	
	-2979 Dec 31 j 04:42	0°♑	
asc. node	-2978 Jan 06 j 16:10	10°♑52'21	
evening max el	-2978 Jan 11 j 17:55	17°♑15'24	18°13'02
retrograde	-2978 Jan 18 j 17:23	20°♑46'13	
evening set	-2978 Jan 21 j 07:02	20°♑18'26	
inferior conj	-2978 Jan 28 j 06:28	15°♑29'09	3°57'10
minimum elong	-2978 Jan 28 j 07:32	15°♑26'46	3°57'02
min. Earth dist.	-2978 Jan 31 j 13:14	12°♑34'18	0.60260 AU
morning rise	-2978 Feb 04 j 05:08	9°♑50'53	
direct	-2978 Feb 10 j 22:14	7°♑45'24	
desc. node	-2978 Feb 17 j 10:32	9°♑33'05	
morning max el	-2978 Feb 25 j 02:56	15°♑26'24	27°21'22
	-2978 Mar 08 j 23:45	0°♒	
	-2978 Mar 26 j 07:32	0°♓	
morning set	-2978 Mar 28 j 11:53	4°♓27'00	
max. Earth dist.	-2978 Apr 04 j 00:53	18°♓26'34	1.32532 AU
superior conj	-2978 Apr 04 j 16:24	19°♓51'28	0°00'22
minimum elong	-2978 Apr 04 j 16:23	19°♓51'22	0°00'20
behind sun begin	-2978 Apr 04 j 11:23	19°♓23'57	
behind sun end	-2978 Apr 04 j 21:24	20°♓18'48	
asc. node	-2978 Apr 04 j 15:35	19°♓46'57	
	-2978 Apr 09 j 08:06	0°♈	
evening rise	-2978 Apr 11 j 16:09	4°♈58'31	
	-2978 Apr 25 j 01:21	0°♉	
evening max el	-2978 May 09 j 06:00	18°♉23'09	25°40'25
desc. node	-2978 May 16 j 09:26	23°♉44'26	
retrograde	-2978 May 23 j 07:42	25°♉36'19	
evening set	-2978 May 29 j 01:51	24°♉17'23	
min. Earth dist.	-2978 Jun 02 j 18:15	21°♉33'26	0.58391 AU
inferior conj	-2978 Jun 06 j 01:00	19°♉12'02	-4°-17'-40
minimum elong	-2978 Jun 05 j 22:25	19°♉16'42	4°17'24
morning rise	-2978 Jun 13 j 22:54	14°♉50'38	
direct	-2978 Jun 16 j 10:39	14°♉30'47	
morning max el	-2978 Jun 24 j 15:58	18°♉23'24	18°43'50
asc. node	-2978 Jul 01 j 14:59	27°♉20'02	
	-2978 Jul 03 j 05:57	0°♊	
morning set	-2978 Jul 11 j 00:43	14°♊25'33	
	-2978 Jul 19 j 01:44	0°♋	
superior conj	-2978 Jul 19 j 19:42	1°♋25'05	1°48'42
minimum elong	-2978 Jul 19 j 20:06	1°♋26'58	1°48'47
max. Earth dist.	-2978 Jul 26 j 20:35	14°♋17'41	1.39319 AU
evening rise	-2978 Jul 30 j 23:04	21°♋24'50	
	-2978 Aug 05 j 03:15	0°♌	
desc. node	-2978 Aug 12 j 08:40	11°♌18'59	
	-2978 Aug 25 j 13:28	0°♍	
evening max el	-2978 Sep 04 j 05:57	11°♍20'39	24°06'10
retrograde	-2978 Sep 15 j 05:44	17°♍48'35	
evening set	-2978 Sep 20 j 12:30	15°♍35'34	
inferior conj	-2978 Sep 25 j 21:41	9°♍14'00	0°-34'-38
minimum elong	-2978 Sep 25 j 22:30	9°♍11'13	0°34'15
min. Earth dist.	-2978 Sep 25 j 07:52	10°♍00'45	0.67355 AU
asc. node	-2978 Sep 27 j 14:07	6°♍59'55	
morning rise	-2978 Oct 01 j 08:45	3°♍04'34	
direct	-2978 Oct 05 j 04:48	1°♍40'49	
morning max el	-2978 Oct 13 j 07:54	6°♍25'49	20°40'40
greatest brilliancy	-2978 Oct 19 j 10:23	13°♍41'07	-0.5m
	-2978 Oct 30 j 21:06	0°♎	
desc. node	-2978 Nov 08 j 08:17	12°♎50'35	
morning set	-2978 Nov 11 j 00:10	16°♎57'37	
	-2978 Nov 19 j 06:18	0°♏	
max. Earth dist.	-2978 Nov 20 j 11:06	1°♏56'02	1.43118 AU
superior conj	-2978 Nov 26 j 21:34	12°♏30'45	-1°-41'-7
minimum elong	-2978 Nov 26 j 15:51	12°♏06'51	1°40'45
	-2978 Dec 07 j 01:55	0°♐	
evening rise	-2978 Dec 09 j 02:04	3°♐32'07	
asc. node	-2978 Dec 24 j 13:14	28°♐33'07	
	-2978 Dec 25 j 20:09	0°♑	
evening max el	-2978 Dec 26 j 05:29	0°♑23'59	18°08'30
retrograde	-2977 Jan 01 j 19:40	3°♑51'40	
evening set	-2977 Jan 04 j 12:27	3°♑16'09	
	-2977 Jan 09 j 01:43	30°℞♐	
inferior conj	-2977 Jan 11 j 00:03	28°♐05'29	3°57'21
minimum elong	-2977 Jan 10 j 22:48	28°♐08'39	3°57'11
min. Earth dist.	-2977 Jan 13 j 19:48	25°♐13'34	0.62235 AU
morning rise	-2977 Jan 17 j 07:03	22°♐12'56	
direct	-2977 Jan 24 j 07:52	19°♐38'10	
desc. node	-2977 Feb 04 j 07:37	24°♐41'11	
morning max el	-2977 Feb 07 j 07:18	27°♐24'31	27°43'46
	-2977 Feb 09 j 19:06	0°♑	
	-2977 Mar 02 j 14:45	0°♒	
morning set	-2977 Mar 12 j 15:43	18°♒59'27	
	-2977 Mar 17 j 22:02	0°♓	
max. Earth dist.	-2977 Mar 18 j 11:10	1°♓10'30	1.32817 AU
superior conj	-2977 Mar 20 j 02:34	4°♓43'19	0°-25'-9
minimum elong	-2977 Mar 20 j 03:43	4°♓49'32	0°24'57
asc. node	-2977 Mar 22 j 12:37	9°♓58'38	
evening rise	-2977 Mar 27 j 03:45	19°♓55'39	
	-2977 Apr 01 j 02:39	0°♈	
evening max el	-2977 Apr 20 j 22:08	29°♈14'30	24°13'51
	-2977 Apr 21 j 17:35	0°♉	
desc. node	-2977 May 03 j 06:31	6°♉07'58	
retrograde	-2977 May 04 j 19:01	6°♉13'17	
evening set	-2977 May 09 j 05:05	5°♉29'35	
min. Earth dist.	-2977 May 15 j 09:44	2°♉26'55	0.56611 AU
inferior conj	-2977 May 17 j 23:48	0°♉49'28	-3°-34'-37
minimum elong	-2977 May 17 j 17:58	0°♉58'42	3°33'22
	-2977 May 19 j 07:32	30°℞♈	
morning rise	-2977 May 26 j 10:51	26°♈46'16	
direct	-2977 May 28 j 23:06	26°♈29'25	
	-2977 Jun 06 j 11:58	0°♉	
morning max el	-2977 Jun 07 j 13:53	0°♉56'55	19°38'17
asc. node	-2977 Jun 18 j 12:03	16°♉10'51	
morning set	-2977 Jun 25 j 01:37	28°♉46'20	
	-2977 Jun 25 j 16:17	0°♊	
superior conj	-2977 Jul 03 j 03:33	15°♊00'07	1°45'47
minimum elong	-2977 Jul 03 j 02:08	14°♊53'10	1°45'49
max. Earth dist.	-2977 Jul 08 j 23:03	26°♊11'00	1.37395 AU
	-2977 Jul 11 j 00:38	0°♋	
evening rise	-2977 Jul 12 j 20:44	3°♋19'15	
	-2977 Jul 29 j 04:36	0°♌	
desc. node	-2977 Jul 30 j 05:40	1°♌32'35	
evening max el	-2977 Aug 17 j 16:47	24°♌52'14	25°22'16
	-2977 Aug 24 j 01:13	0°♍	
retrograde	-2977 Aug 29 j 16:45	1°♍48'44	
	-2977 Sep 03 j 17:43	30°℞♌	
evening set	-2977 Sep 04 j 14:30	29°♌18'23	
min. Earth dist.	-2977 Sep 09 j 01:07	24°♌19'40	0.66911 AU
inferior conj	-2977 Sep 10 j 01:50	22°♌59'14	-1°-28'-23
minimum elong	-2977 Sep 10 j 03:56	22°♌52'23	1°27'30
asc. node	-2977 Sep 14 j 11:12	17°♌56'49	
morning rise	-2977 Sep 15 j 17:55	16°♌57'52	
direct	-2977 Sep 19 j 02:52	15°♌51'57	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-2977 Sep 26 j 10:46	20°♌04'04	19°35'37	
	-2977 Oct 04 j 07:41	0°♍		
greatest brilliancy	-2977 Oct 05 j 03:04	1°♍09'24	-0.7m	
morning set	-2977 Oct 20 j 23:57	25°♍17'54		
	-2977 Oct 24 j 00:28	0°♎		
desc. node	-2977 Oct 26 j 05:16	3°♎26'03		
max. Earth dist.	-2977 Nov 03 j 00:03	15°♎40'46	1.44329 AU	
superior conj	-2977 Nov 06 j 19:03	21°♎43'25	-1°-9'-44	
minimum elong	-2977 Nov 06 j 11:48	21°♎14'23	1°08'58	
	-2977 Nov 11 j 21:54	0°♏		
evening rise	-2977 Nov 20 j 22:21	14°♏56'29		
	-2977 Nov 29 j 22:56	0°♐		
evening max el	-2977 Dec 09 j 18:06	13°♐43'30	18°22'55	
asc. node	-2977 Dec 11 j 10:17	15°♐15'33		
retrograde	-2977 Dec 16 j 07:36	17°♐19'00		
evening set	-2977 Dec 19 j 04:31	16°♐34'24		
inferior conj	-2977 Dec 25 j 06:54	11°♐04'19	3°38'49	
minimum elong	-2977 Dec 25 j 04:18	11°♐11'43	3°38'17	
min. Earth dist.	-2977 Dec 27 j 12:07	8°♐33'36	0.63973 AU	
morning rise	-2977 Dec 31 j 02:36	5°♐01'50		
direct	-2976 Jan 07 j 01:22	2°♐12'25		
morning max el	-2976 Jan 20 j 15:36	9°♐57'43	27°29'58	
desc. node	-2976 Jan 22 j 04:41	11°♐32'47		
	-2976 Feb 05 j 10:32	0°♑		
	-2976 Feb 22 j 22:13	0°♒		
morning set	-2976 Feb 24 j 12:06	3°♒05'10		
max. Earth dist.	-2976 Feb 29 j 14:16	13°♒26'31	1.33501 AU	
superior conj	-2976 Mar 03 j 09:25	19°♒20'45	0°-50'-22	
minimum elong	-2976 Mar 03 j 11:39	19°♒32'41	0°50'00	
asc. node	-2976 Mar 08 j 09:38	0°♓04'00		
	-2976 Mar 08 j 08:53	0°♓		
evening rise	-2976 Mar 10 j 15:06	4°♓47'01		
	-2976 Mar 24 j 10:58	0°♈		
evening max el	-2976 Apr 01 j 14:44	9°♈55'36	22°39'27	
retrograde	-2976 Apr 14 j 17:33	16°♈21'43		
evening set	-2976 Apr 17 j 21:02	16°♈00'03		
desc. node	-2976 Apr 19 j 03:37	15°♈39'36		
min. Earth dist.	-2976 Apr 25 j 23:50	12°♈26'59	0.55437 AU	
inferior conj	-2976 Apr 27 j 04:19	11°♈46'12	-2°-9'-58	
minimum elong	-2976 Apr 26 j 22:52	11°♈54'02	2°08'15	
morning rise	-2976 May 06 j 03:04	7°♈50'01		
direct	-2976 May 08 j 18:24	7°♈33'48		
morning max el	-2976 May 20 j 01:11	12°♈49'55	20°52'39	
	-2976 Jun 01 j 10:13	0°♉		
asc. node	-2976 Jun 04 j 09:05	5°♉31'01		
morning set	-2976 Jun 08 j 08:14	13°♉26'37		
superior conj	-2976 Jun 15 j 22:30	29°♉10'02	1°35'43	
minimum elong	-2976 Jun 15 j 20:07	28°♉57'49	1°35'35	
	-2976 Jun 16 j 08:15	0°♊		
max. Earth dist.	-2976 Jun 20 j 07:27	7°♊58'18	1.35709 AU	
evening rise	-2976 Jun 24 j 14:44	16°♊15'04		
	-2976 Jul 02 j 07:25	0°♋		
desc. node	-2976 Jul 16 j 02:42	21°♋24'02		
	-2976 Jul 22 j 14:52	0°♌		
evening max el	-2976 Jul 30 j 03:59	8°♌24'25	26°25'58	
retrograde	-2976 Aug 11 j 22:53	15°♌38'14		
evening set	-2976 Aug 18 j 10:39	12°♌55'38		
min. Earth dist.	-2976 Aug 22 j 13:13	8°♌35'01	0.66125 AU	
inferior conj	-2976 Aug 24 j 01:57	6°♌42'35	-2°-20'-15	
minimum elong	-2976 Aug 24 j 05:10	6°♌32'43	2°19'03	
morning rise	-2976 Aug 30 j 00:37	0°♌52'33		
asc. node	-2976 Aug 31 j 08:17	0°♌17'16		
direct	-2976 Sep 02 j 00:52	0°♌00'59		
morning max el	-2976 Sep 08 j 19:55	3°♌48'48	18°45'41	
	-2976 Sep 26 j 21:18	0°♍		
morning set	-2976 Sep 29 j 19:28	4°♍39'55		
desc. node	-2976 Oct 12 j 02:14	24°♍07'54		
superior conj	-2976 Oct 15 j 21:07	0°♎05'51	0°-24'-3	
minimum elong	-2976 Oct 15 j 17:57	29°♍53'23	0°23'39	
max. Earth dist.	-2976 Oct 15 j 17:14	29°♍50'33	1.44863 AU	
	-2976 Oct 15 j 19:38	0°♎		
evening rise	-2976 Oct 31 j 18:55	25°♎19'40		
	-2976 Nov 03 j 16:49	0°♏		
evening max el	-2976 Nov 22 j 05:11	27°♏08'52	18°55'08	
	-2976 Nov 25 j 16:17	0°♐		
asc. node	-2976 Nov 27 j 07:21	0°♐44'39		
retrograde	-2976 Nov 29 j 01:27	1°♐01'45		
evening set	-2976 Dec 02 j 04:08	0°♐06'08		
	-2976 Dec 02 j 08:11	30°♑℞♏		
inferior conj	-2976 Dec 07 j 23:30	24°♏19'09	3°07'22	
minimum elong	-2976 Dec 07 j 20:26	24°♏28'37	3°06'30	
min. Earth dist.	-2976 Dec 09 j 13:57	22°♏20'34	0.65367 AU	
morning rise	-2976 Dec 13 j 11:44	18°♏09'39		
direct	-2976 Dec 20 j 01:18	15°♏20'30		
morning max el	-2975 Jan 02 j 01:07	22°♏54'40	26°44'46	
desc. node	-2975 Jan 08 j 01:43	29°♏37'59		
	-2975 Jan 08 j 08:55	0°♐		
	-2975 Jan 28 j 16:57	0°♑		
morning set	-2975 Feb 06 j 21:37	16°♑33'33		
max. Earth dist.	-2975 Feb 11 j 06:55	25°♑07'44	1.34628 AU	
	-2975 Feb 13 j 16:41	0°♒		
superior conj	-2975 Feb 15 j 10:51	3°♒37'12	-1°-14'-3	
minimum elong	-2975 Feb 15 j 13:55	3°♒53'05	1°13'39	
evening rise	-2975 Feb 23 j 00:29	19°♒26'51		
asc. node	-2975 Feb 23 j 06:39	19°♒58'44		
	-2975 Feb 28 j 07:18	0°♓		
evening max el	-2975 Mar 14 j 14:03	20°♓53'34	21°10'26	
retrograde	-2975 Mar 26 j 07:07	26°♓30'45		
evening set	-2975 Mar 28 j 17:18	26°♓17'10		
desc. node	-2975 Apr 06 j 00:42	22°♓50'40		
inferior conj	-2975 Apr 06 j 23:26	22°♓18'39	0°-15'-54	
minimum elong	-2975 Apr 06 j 22:41	22°♓19'43	0°15'41	
transit middle	-2975 Apr 06 j 22:41	22°♓19'43	0°15'41	
transit begin	-2975 Apr 06 j 22:06	22°♓20'32		
transit end	-2975 Apr 06 j 23:16	22°♓18'53		
min. Earth dist.	-2975 Apr 07 j 13:39	21°♓58'33	0.55135 AU	
morning rise	-2975 Apr 16 j 03:30	18°♓12'50		
direct	-2975 Apr 19 j 06:13	17°♓51'42		
morning max el	-2975 May 02 j 01:39	24°♓00'41	22°23'36	
	-2975 May 07 j 10:35	0°♈		
asc. node	-2975 May 22 j 06:07	25°♈12'53		
morning set	-2975 May 23 j 18:26	28°♈20'08		
	-2975 May 24 j 13:33	0°♉		
superior conj	-2975 May 31 j 01:07	13°♉44'27	1°20'21	
minimum elong	-2975 May 30 j 22:29	13°♉30'32	1°20'03	
max. Earth dist.	-2975 Jun 03 j 01:41	20°♉03'33	1.34367 AU	
evening rise	-2975 Jun 07 j 23:53	29°♉57'31		
	-2975 Jun 08 j 00:23	0°♊		
	-2975 Jun 25 j 09:01	0°♋		
desc. node	-2975 Jul 02 j 23:43	10°♋43'52		
evening max el	-2975 Jul 12 j 15:38	21°♋48'58	27°09'15	
retrograde	-2975 Jul 25 j 23:32	29°♋09'58		
evening set	-2975 Aug 01 j 22:21	26°♋23'34		
min. Earth dist.	-2975 Aug 05 j 17:46	22°♋41'02	0.64975 AU	
inferior conj	-2975 Aug 07 j 19:50	20°♋20'00	-3°-8'00	
minimum elong	-2975 Aug 07 j 23:46	20°♋08'54	3°06'47	
morning rise	-2975 Aug 14 j 02:35	14°♋44'45		
direct	-2975 Aug 16 j 20:32	14°♋04'12		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-2975 Aug 18 j 05:22	14°♋14'14	
morning max el	-2975 Aug 23 j 09:19	17°♋36'07	18°12'21
	-2975 Sep 01 j 10:43	0°♌	
morning set	-2975 Sep 10 j 18:43	15°♌22'50	
	-2975 Sep 19 j 16:01	0°♍	
superior conj	-2975 Sep 25 j 00:14	8°♍35'42	0°25'13
minimum elong	-2975 Sep 25 j 03:17	8°♍47'53	0°24'52
max. Earth dist.	-2975 Sep 28 j 11:42	14°♍07'08	1.44667 AU
desc. node	-2975 Sep 28 j 23:11	14°♍52'32	
	-2975 Oct 08 j 14:50	0°♎	
evening rise	-2975 Oct 11 j 15:31	4°♎42'39	
	-2975 Oct 28 j 05:55	0°♏	
greatest brilliancy	-2975 Oct 28 j 12:38	0°♏24'07	-0.7m
evening max el	-2975 Nov 05 j 12:23	10°♏35'30	19°43'43
retrograde	-2975 Nov 12 j 22:11	14°♏54'16	
asc. node	-2975 Nov 14 j 04:25	14°♏45'06	
evening set	-2975 Nov 16 j 08:36	13°♏45'20	
inferior conj	-2975 Nov 21 j 22:52	7°♏44'25	2°26'58
minimum elong	-2975 Nov 21 j 20:01	7°♏53'45	2°25'59
min. Earth dist.	-2975 Nov 22 j 23:50	6°♏22'31	0.66390 AU
morning rise	-2975 Nov 27 j 06:46	1°♏30'10	
	-2975 Nov 29 j 07:45	30°℞♎	
direct	-2975 Dec 03 j 06:50	28°♎52'49	
	-2975 Dec 07 j 14:51	0°♏	
morning max el	-2975 Dec 15 j 10:11	6°♏03'43	25°36'06
desc. node	-2975 Dec 25 j 22:44	18°♏34'24	
	-2974 Jan 03 j 00:17	0°♐	
morning set	-2974 Jan 20 j 15:39	29°♐10'09	
	-2974 Jan 21 j 02:35	0°♑	
max. Earth dist.	-2974 Jan 24 j 12:04	6°♑19'53	1.36199 AU
superior conj	-2974 Jan 30 j 04:10	17°♑23'56	-1°-34'-36
minimum elong	-2974 Jan 30 j 07:29	17°♑40'28	1°34'21
	-2974 Feb 05 j 09:02	0°♒	
evening rise	-2974 Feb 07 j 05:52	3°♒48'18	
asc. node	-2974 Feb 10 j 03:41	9°♒37'24	
	-2974 Feb 22 j 16:56	0°♓	
evening max el	-2974 Feb 24 j 23:35	2°♓24'25	19°55'55
retrograde	-2974 Mar 06 j 23:58	7°♓10'24	
evening set	-2974 Mar 09 j 06:12	6°♓56'56	
inferior conj	-2974 Mar 17 j 23:21	2°♓55'52	1°36'26
minimum elong	-2974 Mar 18 j 03:13	2°♓49'56	1°35'10
min. Earth dist.	-2974 Mar 20 j 03:42	1°♓35'52	0.55766 AU
	-2974 Mar 22 j 23:54	30°℞♒	
desc. node	-2974 Mar 23 j 21:47	29°♒33'09	
morning rise	-2974 Mar 26 j 21:16	28°♒24'23	
direct	-2974 Mar 30 j 22:39	27°♒48'03	
	-2974 Apr 07 j 15:01	0°♓	
morning max el	-2974 Apr 13 j 18:31	4°♓41'12	24°03'05
	-2974 May 01 j 13:18	0°♈	
morning set	-2974 May 08 j 06:25	13°♈20'55	
asc. node	-2974 May 09 j 03:09	15°♈10'12	
superior conj	-2974 May 15 j 08:48	28°♈35'06	1°01'04
minimum elong	-2974 May 15 j 06:28	28°♈22'30	1°00'42
	-2974 May 16 j 00:35	0°♉	
max. Earth dist.	-2974 May 17 j 05:19	2°♉33'56	1.33393 AU
evening rise	-2974 May 22 j 19:50	14°♉13'30	
	-2974 May 31 j 03:21	0°♊	
desc. node	-2974 Jun 19 j 20:45	29°♊18'49	
	-2974 Jun 20 j 10:56	0°♋	
evening max el	-2974 Jun 25 j 01:57	4°♋53'33	27°25'18
retrograde	-2974 Jul 08 j 18:21	12°♋16'01	
evening set	-2974 Jul 15 j 22:27	9°♋37'38	
min. Earth dist.	-2974 Jul 19 j 12:59	6°♋28'43	0.63446 AU
inferior conj	-2974 Jul 22 j 04:53	3°♋46'26	-3°-48'-26
minimum elong	-2974 Jul 22 j 08:46	3°♋36'34	3°47'33
	-2974 Jul 26 j 07:32	30°℞♊	
morning rise	-2974 Jul 28 j 21:06	28°♊29'19	
direct	-2974 Jul 31 j 11:01	27°♊56'59	
asc. node	-2974 Aug 05 j 02:26	29°♊41'52	
	-2974 Aug 05 j 11:56	0°♋	
morning max el	-2974 Aug 07 j 00:27	1°♋21'36	17°56'40
morning set	-2974 Aug 23 j 19:08	27°♋18'03	
	-2974 Aug 25 j 08:17	0°♌	
superior conj	-2974 Sep 05 j 00:34	18°♌10'30	1°06'01
minimum elong	-2974 Sep 05 j 06:10	18°♌33'43	1°05'27
max. Earth dist.	-2974 Sep 11 j 03:54	28°♌11'09	1.43773 AU
	-2974 Sep 12 j 07:04	0°♍	
desc. node	-2974 Sep 15 j 20:10	5°♍37'26	
evening rise	-2974 Sep 20 j 21:21	13°♍30'04	
	-2974 Oct 01 j 18:01	0°♎	
greatest brilliancy	-2974 Oct 13 j 18:14	17°♎06'02	-0.5m
evening max el	-2974 Oct 19 j 14:02	24°♎01'48	20°46'25
retrograde	-2974 Oct 27 j 19:31	28°♎53'51	
evening set	-2974 Oct 31 j 15:48	27°♎29'10	
asc. node	-2974 Nov 01 j 01:30	27°♎10'20	
inferior conj	-2974 Nov 06 j 02:39	21°♎17'43	1°40'22
minimum elong	-2974 Nov 06 j 00:30	21°♎25'02	1°39'31
min. Earth dist.	-2974 Nov 06 j 15:45	20°♎33'05	0.67065 AU
morning rise	-2974 Nov 11 j 08:47	15°♎01'04	
direct	-2974 Nov 16 j 17:33	12°♎42'24	
morning max el	-2974 Nov 27 j 18:54	19°♎17'58	24°13'25
	-2974 Dec 06 j 20:59	0°♏	
desc. node	-2974 Dec 12 j 19:45	8°♏07'20	
	-2974 Dec 27 j 04:03	0°♐	
morning set	-2973 Jan 02 j 12:21	10°♐39'16	
max. Earth dist.	-2973 Jan 06 j 09:04	17°♐27'55	1.38126 AU
superior conj	-2973 Jan 13 j 09:52	0°♑31'13	-1°-49'-49
minimum elong	-2973 Jan 13 j 12:24	0°♑43'22	1°49'47
	-2973 Jan 13 j 03:20	0°♑	
evening rise	-2973 Jan 22 j 04:56	17°♑44'48	
asc. node	-2973 Jan 28 j 00:43	28°♑54'05	
	-2973 Jan 28 j 15:17	0°♒	
evening max el	-2973 Feb 07 j 19:32	14°♒31'26	19°00'14
retrograde	-2973 Feb 16 j 07:30	18°♒36'16	
evening set	-2973 Feb 18 j 15:53	18°♒18'52	
inferior conj	-2973 Feb 26 j 15:48	14°♒03'02	2°59'33
minimum elong	-2973 Feb 26 j 20:30	13°♒54'43	2°58'25
min. Earth dist.	-2973 Mar 01 j 19:19	11°♒50'41	0.57181 AU
morning rise	-2973 Mar 06 j 21:12	9°♒00'25	
desc. node	-2973 Mar 10 j 18:53	7°♒59'07	
direct	-2973 Mar 12 j 03:30	7°♒54'40	
morning max el	-2973 Mar 26 j 09:37	15°♒16'38	25°37'40
	-2973 Apr 07 j 04:48	0°♓	
morning set	-2973 Apr 22 j 18:25	28°♓22'22	
	-2973 Apr 23 j 12:56	0°♈	
asc. node	-2973 Apr 26 j 00:09	5°♈17'17	
superior conj	-2973 Apr 29 j 19:24	13°♈34'16	0°38'56
minimum elong	-2973 Apr 29 j 17:46	13°♈25'21	0°38'37
max. Earth dist.	-2973 Apr 30 j 15:23	15°♈23'11	1.32783 AU
evening rise	-2973 May 06 j 23:13	28°♈51'41	
	-2973 May 07 j 12:31	0°♉	
	-2973 May 24 j 09:01	0°♊	
desc. node	-2973 Jun 06 j 17:51	16°♊49'10	
evening max el	-2973 Jun 07 j 08:28	17°♊24'36	27°09'32
retrograde	-2973 Jun 21 j 06:42	24°♊45'56	
evening set	-2973 Jun 28 j 06:55	22°♊29'50	
min. Earth dist.	-2973 Jul 01 j 22:08	19°♊43'36	0.61587 AU
inferior conj	-2973 Jul 05 j 01:54	16°♊53'27	-4°-16'-44

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-2973 Jul 05 j 04:27	16°♊47'42	4°16'24	
morning rise	-2973 Jul 12 j 04:47	11°♊57'16		
direct	-2973 Jul 14 j 16:39	11°♊30'58		
morning max el	-2973 Jul 21 j 14:29	14°♊57'41	17°59'30	
asc. node	-2973 Jul 22 j 23:30	16°♊24'41		
	-2973 Jul 31 j 23:57	0°♋		
morning set	-2973 Aug 06 j 14:59	10°♋09'00		
superior conj	-2973 Aug 17 j 04:35	29°♋07'37	1°32'54	
minimum elong	-2973 Aug 17 j 08:55	29°♋26'32	1°32'38	
	-2973 Aug 17 j 16:38	0°♌		
max. Earth dist.	-2973 Aug 24 j 14:44	11°♌43'00	1.42300 AU	
evening rise	-2973 Aug 31 j 06:44	22°♌29'30		
desc. node	-2973 Sep 02 j 17:10	26°♌18'58		
	-2973 Sep 05 j 02:13	0°♍		
	-2973 Sep 25 j 23:51	0°♎		
greatest brilliancy	-2973 Sep 27 j 14:40	2°♎01'47	-0.4m	
evening max el	-2973 Oct 02 j 09:34	7°♎27'37	22°00'06	
retrograde	-2973 Oct 11 j 15:33	12°♎57'36		
evening set	-2973 Oct 15 j 23:49	11°♎15'05		
asc. node	-2973 Oct 18 j 22:35	8°♎11'19		
inferior conj	-2973 Oct 21 j 08:50	4°♎56'48	0°49'39	
minimum elong	-2973 Oct 21 j 07:42	5°♎00'43	0°49'10	
min. Earth dist.	-2973 Oct 21 j 11:16	4°♎48'23	0.67416 AU	
	-2973 Oct 25 j 06:02	30°℞♍		
morning rise	-2973 Oct 26 j 15:22	28°♍40'27		
direct	-2973 Oct 31 j 08:52	26°♍43'23		
	-2973 Nov 07 j 10:09	0°♎		
morning max el	-2973 Nov 10 j 05:20	2°♎35'32	22°46'30	
greatest brilliancy	-2973 Nov 14 j 23:16	7°♎55'25	-0.3m	
desc. node	-2973 Nov 29 j 16:46	28°♎06'18		
	-2973 Nov 30 j 23:23	0°♏		
morning set	-2973 Dec 14 j 05:49	20°♏46'50		
max. Earth dist.	-2973 Dec 19 j 05:04	29°♏06'15	1.40206 AU	
	-2973 Dec 19 j 17:38	0°♐		
superior conj	-2973 Dec 26 j 23:22	12°♐47'29	-1°-56'-39	
minimum elong	-2973 Dec 26 j 23:40	12°♐48'47	1°56'46	
	-2972 Jan 05 j 04:13	0°♑		
evening rise	-2972 Jan 05 j 18:49	1°♑09'17		
asc. node	-2972 Jan 14 j 21:46	17°♑41'24		
evening max el	-2972 Jan 21 j 23:52	27°♑09'23	18°24'37	
	-2972 Jan 25 j 22:17	0°♒		
retrograde	-2972 Jan 29 j 09:28	0°♒48'09		
evening set	-2972 Jan 31 j 21:15	0°♒24'34		
	-2972 Feb 01 j 23:43	30°℞♑		
inferior conj	-2972 Feb 08 j 04:52	25°♑48'22	3°45'33	
minimum elong	-2972 Feb 08 j 07:30	25°♑42'57	3°45'10	
min. Earth dist.	-2972 Feb 11 j 14:33	23°♑01'50	0.59078 AU	
morning rise	-2972 Feb 15 j 14:16	20°♑20'47		
direct	-2972 Feb 21 j 21:42	18°♑36'23		
desc. node	-2972 Feb 25 j 15:59	19°♑12'12		
morning max el	-2972 Mar 07 j 04:19	26°♑13'30	26°52'14	
	-2972 Mar 10 j 17:56	0°♒		
	-2972 Mar 30 j 11:51	0°♓		
morning set	-2972 Apr 06 j 04:47	13°♓18'17		
asc. node	-2972 Apr 11 j 21:12	25°♓29'49		
superior conj	-2972 Apr 13 j 07:10	28°♓35'46	0°14'50	
minimum elong	-2972 Apr 13 j 06:31	28°♓32'10	0°14'42	
behind sun begin	-2972 Apr 13 j 04:42	28°♓22'11		
behind sun end	-2972 Apr 13 j 08:20	28°♓42'09		
max. Earth dist.	-2972 Apr 13 j 04:30	28°♓21'06	1.32522 AU	
	-2972 Apr 13 j 22:33	0°♈		
evening rise	-2972 Apr 20 j 07:27	13°♈43'31		
	-2972 Apr 28 j 14:40	0°♉		
evening max el	-2972 May 19 j 09:17	29°♉14'29	26°21'14	
	-2972 May 20 j 04:46	0°♊		
desc. node	-2972 May 23 j 14:55	2°♊47'59		
retrograde	-2972 Jun 02 j 11:05	6°♊31'59		
evening set	-2972 Jun 08 j 19:30	4°♊50'45		
min. Earth dist.	-2972 Jun 12 j 22:23	2°♊10'39	0.59550 AU	
	-2972 Jun 15 j 17:22	30°℞♉		
inferior conj	-2972 Jun 16 j 07:17	29°♉32'28	-4°-25'-28	
minimum elong	-2972 Jun 16 j 06:55	29°♉33'11	4°25'25	
morning rise	-2972 Jun 23 j 21:56	24°♉58'20		
direct	-2972 Jun 26 j 09:18	24°♉36'31		
morning max el	-2972 Jul 04 j 00:27	28°♉16'20	18°21'45	
	-2972 Jul 05 j 16:09	0°♊		
asc. node	-2972 Jul 08 j 20:34	4°♊07'23		
morning set	-2972 Jul 20 j 01:08	23°♊42'27		
	-2972 Jul 23 j 08:19	0°♋		
superior conj	-2972 Jul 29 j 09:07	11°♋17'59	1°46'13	
minimum elong	-2972 Jul 29 j 10:54	11°♋26'10	1°46'15	
max. Earth dist.	-2972 Aug 05 j 19:46	24°♋32'10	1.40456 AU	
	-2972 Aug 09 j 01:04	0°♌		
evening rise	-2972 Aug 10 j 12:29	2°♌27'11		
desc. node	-2972 Aug 19 j 14:11	16°♌53'24		
	-2972 Aug 28 j 10:38	0°♍		
evening max el	-2972 Sep 14 j 00:01	20°♍54'51	23°20'00	
retrograde	-2972 Sep 24 j 08:46	27°♍02'47		
evening set	-2972 Sep 29 j 06:53	25°♍01'06		
inferior conj	-2972 Oct 04 j 15:34	18°♍39'46	0°-3'-30	
minimum elong	-2972 Oct 04 j 15:39	18°♍39'29	0°03'29	
transit middle	-2972 Oct 04 j 15:39	18°♍39'29	0°03'29	
transit begin	-2972 Oct 04 j 13:01	18°♍48'34		
transit end	-2972 Oct 04 j 18:18	18°♍30'25		
min. Earth dist.	-2972 Oct 04 j 07:48	19°♍06'25	0.67465 AU	
asc. node	-2972 Oct 04 j 19:40	18°♍25'42		
morning rise	-2972 Oct 10 j 00:28	12°♍26'45		
direct	-2972 Oct 14 j 03:53	10°♍51'11		
morning max el	-2972 Oct 22 j 20:42	15°♍59'08	21°23'45	
greatest brilliancy	-2972 Oct 28 j 02:34	22°♍02'32	-0.4m	
	-2972 Nov 03 j 01:07	0°♎		
desc. node	-2972 Nov 15 j 13:46	18°♎23'34		
morning set	-2972 Nov 22 j 19:06	29°♎34'35		
	-2972 Nov 23 j 01:33	0°♏		
max. Earth dist.	-2972 Nov 30 j 06:50	11°♏37'25	1.42164 AU	
superior conj	-2972 Dec 07 j 15:07	23°♏58'40	-1°-51'-18	
minimum elong	-2972 Dec 07 j 11:39	23°♏43'48	1°51'13	
	-2972 Dec 11 j 02:07	0°♐		
evening rise	-2972 Dec 18 j 19:55	13°♐53'28		
	-2972 Dec 27 j 22:52	0°♑		
asc. node	-2972 Dec 31 j 18:49	5°♑49'30		
evening max el	-2971 Jan 04 j 09:42	10°♑09'01	18°08'50	
retrograde	-2971 Jan 11 j 03:55	13°♑36'39		
evening set	-2971 Jan 13 j 18:55	13°♑05'40		
inferior conj	-2971 Jan 20 j 12:59	8°♑07'26	3°59'59	
minimum elong	-2971 Jan 20 j 12:59	8°♑07'27	3°59'53	
min. Earth dist.	-2971 Jan 23 j 15:57	5°♑11'02	0.61119 AU	
morning rise	-2971 Jan 27 j 04:28	2°♑22'40		
direct	-2971 Feb 03 j 02:27	0°♑02'52		
desc. node	-2971 Feb 11 j 13:03	3°♑03'43		
morning max el	-2971 Feb 17 j 04:59	7°♑46'45	27°35'22	
	-2971 Mar 06 j 03:58	0°♒		
morning set	-2971 Mar 21 j 11:35	28°♒00'47		
	-2971 Mar 22 j 10:39	0°♓		
max. Earth dist.	-2971 Mar 27 j 16:50	11°♓13'16	1.32607 AU	
superior conj	-2971 Mar 28 j 18:22	13°♓32'24	0°-10'-25	
minimum elong	-2971 Mar 28 j 18:51	13°♓34'59	0°10'21	
behind sun begin	-2971 Mar 28 j 15:00	13°♓13'58		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

behind sun end	-2971 Mar 28 j 22:42	13°♓56'01	
asc. node	-2971 Mar 29 j 18:14	15°♓42'38	
evening rise	-2971 Apr 04 j 18:19	28°♓40'19	
	-2971 Apr 05 j 09:31	0°♈	
	-2971 Apr 22 j 09:22	0°♉	
evening max el	-2971 May 01 j 04:00	10°♉23'32	25°05'33
desc. node	-2971 May 10 j 11:59	16°♉40'17	
retrograde	-2971 May 15 j 04:54	17°♉31'40	
evening set	-2971 May 20 j 09:55	16°♉29'07	
min. Earth dist.	-2971 May 25 j 16:09	13°♉38'36	0.57585 AU
inferior conj	-2971 May 28 j 17:42	11°♉34'06	-4°-4'-26
minimum elong	-2971 May 28 j 13:31	11°♉41'15	4°03'49
morning rise	-2971 Jun 05 j 21:07	7°♉20'50	
direct	-2971 Jun 08 j 09:00	7°♉02'23	
morning max el	-2971 Jun 17 j 03:24	11°♉08'18	19°04'23
asc. node	-2971 Jun 25 j 17:38	22°♉36'31	
	-2971 Jun 29 j 20:45	0°♊	
morning set	-2971 Jul 03 j 21:34	7°♊48'28	
superior conj	-2971 Jul 12 j 08:31	24°♊26'11	1°48'28
minimum elong	-2971 Jul 12 j 08:03	24°♊23'55	1°48'34
	-2971 Jul 15 j 06:43	0°♋	
max. Earth dist.	-2971 Jul 18 j 22:00	6°♋42'29	1.38490 AU
evening rise	-2971 Jul 22 j 20:11	13°♋40'13	
	-2971 Aug 01 j 17:21	0°♌	
desc. node	-2971 Aug 06 j 11:11	7°♌16'17	
	-2971 Aug 23 j 08:47	0°♍	
evening max el	-2971 Aug 27 j 11:37	4°♍25'32	24°39'38
retrograde	-2971 Sep 07 j 22:06	11°♍06'13	
evening set	-2971 Sep 13 j 11:15	8°♍45'40	
min. Earth dist.	-2971 Sep 18 j 02:55	3°♍25'50	0.67208 AU
inferior conj	-2971 Sep 18 j 21:10	2°♍24'56	0°-57'-31
minimum elong	-2971 Sep 18 j 22:32	2°♍20'21	0°56'56
	-2971 Sep 20 j 17:43	30°℞♌	
asc. node	-2971 Sep 21 j 16:45	28°♌51'15	
morning rise	-2971 Sep 24 j 10:09	26°♌18'27	
direct	-2971 Sep 28 j 01:19	25°♌02'29	
morning max el	-2971 Oct 05 j 19:17	29°♌32'06	20°11'15
	-2971 Oct 06 j 06:03	0°♍	
greatest brilliancy	-2971 Oct 12 j 18:52	8°♍03'58	-0.6m
	-2971 Oct 27 j 16:05	0°♎	
morning set	-2971 Nov 01 j 17:06	7°♎45'27	
desc. node	-2971 Nov 02 j 10:46	8°♎53'53	
max. Earth dist.	-2971 Nov 12 j 16:40	25°♎01'44	1.43714 AU
	-2971 Nov 15 j 18:42	0°♏	
superior conj	-2971 Nov 18 j 04:14	3°♏54'28	-1°-29'-55
minimum elong	-2971 Nov 17 j 21:17	3°♏26'03	1°29'21
evening rise	-2971 Dec 01 j 04:04	25°♏49'46	
	-2971 Dec 03 j 13:57	0°♐	
asc. node	-2971 Dec 18 j 15:51	23°♐07'08	
evening max el	-2971 Dec 18 j 22:05	23°♐23'06	18°12'21
retrograde	-2971 Dec 25 j 10:47	26°♐52'32	
evening set	-2971 Dec 28 j 05:18	26°♐13'10	
inferior conj	-2970 Jan 03 j 12:39	20°♐53'48	3°51'21
minimum elong	-2970 Jan 03 j 10:42	20°♐59'00	3°51'02
min. Earth dist.	-2970 Jan 06 j 02:19	18°♐09'26	0.63020 AU
morning rise	-2970 Jan 09 j 14:22	14°♐56'53	
direct	-2970 Jan 16 j 15:28	12°♐14'12	
desc. node	-2970 Jan 29 j 10:08	18°♐59'41	
morning max el	-2970 Jan 30 j 11:10	19°♐59'59	27°42'08
	-2970 Feb 08 j 02:10	0°♑	
	-2970 Feb 27 j 02:14	0°♒	
morning set	-2970 Mar 05 j 12:33	12°♒22'13	
max. Earth dist.	-2970 Mar 11 j 00:35	23°♒46'31	1.33063 AU
superior conj	-2970 Mar 13 j 03:19	28°♒18'16	0°-35'-57
minimum elong	-2970 Mar 13 j 04:57	28°♒27'03	0°35'40
	-2970 Mar 13 j 22:11	0°♓	
asc. node	-2970 Mar 16 j 15:15	5°♓51'42	
evening rise	-2970 Mar 20 j 06:01	13°♓35'25	
	-2970 Mar 28 j 14:36	0°♈	
evening max el	-2970 Apr 12 j 19:32	21°♈06'28	23°33'44
retrograde	-2970 Apr 26 j 10:12	27°♈53'10	
desc. node	-2970 Apr 27 j 09:04	27°♈51'08	
evening set	-2970 Apr 30 j 06:32	27°♈20'39	
min. Earth dist.	-2970 May 07 j 06:26	24°♈06'48	0.56022 AU
inferior conj	-2970 May 09 j 08:02	22°♈52'36	-3°-3'-37
minimum elong	-2970 May 09 j 01:45	23°♈02'03	3°01'57
morning rise	-2970 May 18 j 00:28	18°♈54'15	
direct	-2970 May 20 j 13:46	18°♈37'56	
morning max el	-2970 May 30 j 20:49	23°♈24'23	20°07'38
	-2970 Jun 05 j 12:14	0°♉	
asc. node	-2970 Jun 12 j 14:41	11°♉40'42	
morning set	-2970 Jun 18 j 01:11	22°♉18'24	
	-2970 Jun 21 j 19:38	0°♊	
superior conj	-2970 Jun 25 j 21:32	8°♊17'16	1°42'16
minimum elong	-2970 Jun 25 j 19:37	8°♊07'38	1°42'14
max. Earth dist.	-2970 Jul 01 j 02:43	18°♊31'30	1.36642 AU
evening rise	-2970 Jul 05 j 03:06	26°♊02'06	
	-2970 Jul 07 j 07:52	0°♋	
desc. node	-2970 Jul 24 j 08:11	27°♋21'27	
	-2970 Jul 26 j 04:46	0°♌	
evening max el	-2970 Aug 09 j 22:30	17°♌58'04	25°51'21
retrograde	-2970 Aug 22 j 06:54	25°♌02'38	
evening set	-2970 Aug 28 j 11:00	22°♌26'07	
min. Earth dist.	-2970 Sep 01 j 18:06	17°♌43'44	0.66626 AU
inferior conj	-2970 Sep 02 j 23:48	16°♌09'25	-1°-50'-45
minimum elong	-2970 Sep 03 j 02:25	16°♌01'07	1°49'42
morning rise	-2970 Sep 08 j 18:32	10°♌12'41	
asc. node	-2970 Sep 08 j 13:50	10°♌20'08	
direct	-2970 Sep 11 j 23:33	9°♌13'14	
morning max el	-2970 Sep 19 j 01:02	13°♌13'30	19°12'27
	-2970 Oct 01 j 09:36	0°♍	
morning set	-2970 Oct 11 j 23:17	16°♍26'53	
desc. node	-2970 Oct 20 j 07:43	29°♍32'20	
	-2970 Oct 20 j 14:46	0°♎	
max. Earth dist.	-2970 Oct 26 j 08:20	9°♎01'17	1.44649 AU
superior conj	-2970 Oct 28 j 15:30	12°♎39'32	0°-51'-36
minimum elong	-2970 Oct 28 j 09:19	12°♎14'59	0°50'53
	-2970 Nov 08 j 10:42	0°♏	
evening rise	-2970 Nov 12 j 14:35	6°♏48'39	
	-2970 Nov 27 j 01:59	0°♐	
evening max el	-2970 Dec 02 j 10:16	6°♐45'03	18°34'28
asc. node	-2970 Dec 05 j 12:54	9°♐20'01	
retrograde	-2970 Dec 09 j 01:45	10°♐27'01	
evening set	-2970 Dec 12 j 00:56	9°♐37'54	
inferior conj	-2970 Dec 18 j 00:02	3°♐59'56	3°26'45
minimum elong	-2970 Dec 17 j 21:09	4°♐08'30	3°26'04
min. Earth dist.	-2970 Dec 19 j 22:45	1°♐42'15	0.64610 AU
	-2970 Dec 21 j 11:30	30°℞♏	
morning rise	-2970 Dec 23 j 16:08	27°♏54'05	
direct	-2970 Dec 30 j 11:30	25°♏03'29	
	-2969 Jan 09 j 20:55	0°♐	
morning max el	-2969 Jan 12 j 20:30	2°♐45'13	27°14'15
desc. node	-2969 Jan 16 j 07:11	6°♐25'30	
	-2969 Feb 02 j 08:55	0°♑	
morning set	-2969 Feb 17 j 04:48	26°♑13'33	
	-2969 Feb 19 j 02:48	0°♒	
max. Earth dist.	-2969 Feb 21 j 23:51	5°♒49'24	1.33926 AU
superior conj	-2969 Feb 25 j 08:08	12°♒47'27	-1°00'-40

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-2969 Feb 25 j 10:47	13°♒01'23	1°00'18
asc. node	-2969 Mar 03 j 12:15	25°♒53'04	
evening rise	-2969 Mar 04 j 16:47	28°♒22'46	
	-2969 Mar 05 j 11:29	0°♓	
	-2969 Mar 23 j 18:31	0°♈	
evening max el	-2969 Mar 25 j 14:10	1°♈51'24	22°00'12
retrograde	-2969 Apr 07 j 04:18	7°♈58'43	
evening set	-2969 Apr 09 j 22:32	7°♈41'46	
desc. node	-2969 Apr 14 j 06:09	6°♈15'01	
inferior conj	-2969 Apr 19 j 07:02	3°♈36'02	-1°-23'-35
minimum elong	-2969 Apr 19 j 03:14	3°♈41'24	1°22'18
min. Earth dist.	-2969 Apr 18 j 20:06	3°♈51'26	0.55188 AU
	-2969 Apr 26 j 22:57	30°℞♓	
morning rise	-2969 Apr 28 j 09:16	29°♓38'28	
direct	-2969 May 01 j 03:57	29°♓21'12	
	-2969 May 05 j 05:27	0°♈	
morning max el	-2969 May 13 j 03:29	4°♈59'37	21°29'48
	-2969 May 29 j 21:17	0°♉	
asc. node	-2969 May 30 j 11:43	1°♉11'15	
morning set	-2969 Jun 02 j 09:36	7°♉05'41	
superior conj	-2969 Jun 09 j 20:11	22°♉39'33	1°29'46
minimum elong	-2969 Jun 09 j 17:37	22°♉26'12	1°29'33
	-2969 Jun 13 j 10:09	0°♊	
max. Earth dist.	-2969 Jun 13 j 15:06	0°♊24'56	1.35087 AU
evening rise	-2969 Jun 18 j 04:10	9°♊19'51	
	-2969 Jun 29 j 20:39	0°♋	
desc. node	-2969 Jul 11 j 05:12	17°♋01'19	
	-2969 Jul 21 j 22:36	0°♌	
evening max el	-2969 Jul 23 j 09:48	1°♌27'58	26°47'10
retrograde	-2969 Aug 05 j 10:50	8°♌46'18	
evening set	-2969 Aug 12 j 03:56	6°♌00'27	
min. Earth dist.	-2969 Aug 16 j 03:10	1°♌56'32	0.65687 AU
inferior conj	-2969 Aug 17 j 21:33	29°♋51'00	-2°-41'-12
minimum elong	-2969 Aug 18 j 01:09	29°♋40'20	2°39'56
	-2969 Aug 17 j 18:32	30°℞♋	
morning rise	-2969 Aug 23 j 23:32	24°♋07'08	
asc. node	-2969 Aug 26 j 10:55	23°♋21'42	
direct	-2969 Aug 26 j 20:46	23°♋20'46	
morning max el	-2969 Sep 02 j 12:24	27°♋00'43	18°29'24
	-2969 Sep 05 j 03:14	0°♌	
morning set	-2969 Sep 22 j 06:25	26°♌23'11	
	-2969 Sep 24 j 11:58	0°♍	
desc. node	-2969 Oct 07 j 04:40	20°♍15'50	
superior conj	-2969 Oct 07 j 15:07	20°♍57'05	0°-2'-48
minimum elong	-2969 Oct 07 j 14:45	20°♍55'36	0°02'44
behind sun begin	-2969 Oct 07 j 03:33	20°♍11'26	
behind sun end	-2969 Oct 08 j 01:56	21°♍39'45	
max. Earth dist.	-2969 Oct 09 j 02:17	23°♍15'39	1.44870 AU
	-2969 Oct 13 j 09:06	0°♎	
evening rise	-2969 Oct 24 j 00:35	16°♎45'06	
	-2969 Nov 01 j 10:27	0°♏	
greatest brilliancy	-2969 Nov 05 j 03:10	5°♏43'19	-0.7m
evening max el	-2969 Nov 15 j 19:51	20°♏10'47	19°13'55
asc. node	-2969 Nov 22 j 09:58	24°♏12'55	
retrograde	-2969 Nov 22 j 21:17	24°♏14'11	
evening set	-2969 Nov 26 j 02:54	23°♏13'20	
inferior conj	-2969 Dec 01 j 19:52	17°♏19'52	2°51'08
minimum elong	-2969 Dec 01 j 16:49	17°♏29'33	2°50'11
min. Earth dist.	-2969 Dec 03 j 04:24	15°♏36'30	0.65843 AU
morning rise	-2969 Dec 07 j 05:52	11°♏07'47	
direct	-2969 Dec 13 j 13:57	8°♏22'29	
morning max el	-2969 Dec 26 j 06:10	15°♏49'15	26°17'53
desc. node	-2968 Jan 03 j 04:12	24°♏54'41	
	-2968 Jan 07 j 00:39	0°♐	
	-2968 Jan 26 j 04:31	0°♑	
morning set	-2968 Jan 31 j 08:24	9°♑22'02	
max. Earth dist.	-2968 Feb 04 j 11:30	17°♑16'18	1.35237 AU
superior conj	-2968 Feb 09 j 06:29	26°♑52'10	-1°-23'-16
minimum elong	-2968 Feb 09 j 09:44	27°♑08'51	1°22'56
	-2968 Feb 10 j 19:04	0°♒	
evening rise	-2968 Feb 17 j 00:43	12°♒55'28	
asc. node	-2968 Feb 18 j 09:16	15°♒41'36	
	-2968 Feb 25 j 23:36	0°♓	
evening max el	-2968 Mar 06 j 17:36	13°♓02'16	20°36'41
retrograde	-2968 Mar 17 j 17:57	18°♓17'31	
evening set	-2968 Mar 20 j 00:52	18°♓04'50	
inferior conj	-2968 Mar 29 j 02:30	14°♓07'16	0°33'56
minimum elong	-2968 Mar 29 j 04:02	14°♓05'02	0°33'22
min. Earth dist.	-2968 Mar 30 j 10:18	13°♓21'10	0.55284 AU
desc. node	-2968 Mar 31 j 03:15	12°♓56'56	
morning rise	-2968 Apr 07 j 05:24	9°♓51'38	
direct	-2968 Apr 10 j 16:09	9°♓25'45	
morning max el	-2968 Apr 24 j 00:19	15°♓55'59	23°05'36
	-2968 May 05 j 01:30	0°♈	
asc. node	-2968 May 16 j 08:45	21°♈00'16	
morning set	-2968 May 16 j 20:46	22°♈02'52	
	-2968 May 20 j 14:42	0°♉	
superior conj	-2968 May 24 j 01:16	7°♉22'02	1°12'36
minimum elong	-2968 May 23 j 22:42	7°♉08'20	1°12'15
max. Earth dist.	-2968 May 26 j 13:14	12°♉39'17	1.33903 AU
evening rise	-2968 May 31 j 18:23	23°♉18'05	
	-2968 Jun 04 j 05:30	0°♊	
	-2968 Jun 22 j 12:20	0°♋	
desc. node	-2968 Jun 27 j 02:16	6°♋04'12	
evening max el	-2968 Jul 04 j 21:01	14°♋45'15	27°19'43
retrograde	-2968 Jul 18 j 09:23	22°♋08'17	
evening set	-2968 Jul 25 j 11:11	19°♋23'35	
min. Earth dist.	-2968 Jul 29 j 04:02	15°♋56'09	0.64365 AU
inferior conj	-2968 Jul 31 j 12:03	13°♋24'38	-3°-26'-19
minimum elong	-2968 Jul 31 j 16:05	13°♋13'42	3°25'12
morning rise	-2968 Aug 06 j 22:41	7°♋56'44	
direct	-2968 Aug 09 j 14:31	7°♋20'09	
asc. node	-2968 Aug 12 j 08:00	7°♋58'36	
morning max el	-2968 Aug 16 j 02:54	10°♋48'15	18°03'27
	-2968 Aug 29 j 04:50	0°♌	
morning set	-2968 Sep 02 j 17:03	7°♌38'54	
superior conj	-2968 Sep 16 j 01:38	29°♌50'36	0°44'03
minimum elong	-2968 Sep 16 j 06:22	0°♍09'42	0°43'30
	-2968 Sep 16 j 03:58	0°♍	
max. Earth dist.	-2968 Sep 20 j 19:37	7°♍27'24	1.44366 AU
desc. node	-2968 Sep 23 j 01:40	11°♍01'27	
evening rise	-2968 Oct 02 j 13:08	25°♍48'35	
	-2968 Oct 05 j 06:23	0°♎	
greatest brilliancy	-2968 Oct 22 j 03:22	25°♎07'20	-0.6m
	-2968 Oct 25 j 20:30	0°♏	
evening max el	-2968 Oct 29 j 00:53	3°♏38'01	20°08'51
retrograde	-2968 Nov 05 j 18:30	8°♏10'18	
asc. node	-2968 Nov 08 j 07:02	7°♏33'30	
evening set	-2968 Nov 09 j 08:46	6°♏55'11	
inferior conj	-2968 Nov 14 j 21:25	0°♏49'33	2°07'51
minimum elong	-2968 Nov 14 j 18:49	0°♏58'14	2°06'53
min. Earth dist.	-2968 Nov 15 j 17:16	29°♎43'12	0.66718 AU
	-2968 Nov 15 j 12:14	30°℞♎	
morning rise	-2968 Nov 20 j 04:15	24°♎33'49	
direct	-2968 Nov 25 j 21:59	22°♎03'30	
morning max el	-2968 Dec 07 j 14:50	29°♎01'09	25°01'58
	-2968 Dec 08 j 13:43	0°♏	
desc. node	-2968 Dec 20 j 01:13	14°♏08'37	
	-2968 Dec 30 j 20:18	0°♐	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-2967 Jan 12 j 18:10	21°♐32'34		
max. Earth dist.	-2967 Jan 16 j 12:04	28°♐21'10	1.36979 AU	
	-2967 Jan 17 j 09:18	0°♑		
superior conj	-2967 Jan 22 j 19:23	10°♑23'59	-1°-41'-53	
minimum elong	-2967 Jan 22 j 22:31	10°♑39'23	1°41'43	
evening rise	-2967 Jan 31 j 03:44	27°♑07'15		
	-2967 Feb 01 j 14:22	0°♒		
asc. node	-2967 Feb 04 j 06:18	5°♒11'54		
evening max el	-2967 Feb 17 j 07:51	24°♒49'35	19°29'54	
retrograde	-2967 Feb 26 j 15:36	29°♒15'51		
evening set	-2967 Feb 28 j 22:27	29°♒01'04		
inferior conj	-2967 Mar 09 j 08:28	24°♒55'15	2°16'07	
minimum elong	-2967 Mar 09 j 13:11	24°♒47'36	2°14'44	
min. Earth dist.	-2967 Mar 12 j 01:03	23°♒11'11	0.56289 AU	
morning rise	-2967 Mar 18 j 00:14	20°♒10'14		
desc. node	-2967 Mar 18 j 00:20	20°♒10'10		
direct	-2967 Mar 22 j 14:01	19°♒22'48		
morning max el	-2967 Apr 05 j 15:32	26°♒30'32	24°44'42	
	-2967 Apr 08 j 23:27	0°♓		
	-2967 Apr 27 j 22:09	0°♈		
morning set	-2967 May 01 j 08:56	7°♈04'17		
asc. node	-2967 May 03 j 05:47	11°♈02'11		
superior conj	-2967 May 08 j 10:25	22°♈16'54	0°51'59	
minimum elong	-2967 May 08 j 08:20	22°♈05'37	0°51'37	
max. Earth dist.	-2967 May 09 j 19:56	25°♈18'13	1.33094 AU	
	-2967 May 12 j 00:35	0°♉		
evening rise	-2967 May 15 j 17:53	7°♉44'46		
	-2967 May 27 j 17:00	0°♊		
desc. node	-2967 Jun 13 j 23:20	24°♊14'23		
evening max el	-2967 Jun 17 j 06:14	27°♊37'30	27°22'43	
	-2967 Jun 19 j 22:22	0°♋		
retrograde	-2967 Jul 01 j 01:36	4°♋59'25		
evening set	-2967 Jul 08 j 05:08	2°♋29'10		
	-2967 Jul 11 j 06:41	30°℞♊		
min. Earth dist.	-2967 Jul 11 j 19:10	29°♊31'14	0.62686 AU	
inferior conj	-2967 Jul 14 j 16:24	26°♊43'49	-4°-2'-19	
minimum elong	-2967 Jul 14 j 19:54	26°♊35'20	4°01'40	
morning rise	-2967 Jul 21 j 12:58	21°♊34'59		
direct	-2967 Jul 24 j 01:46	21°♊05'27		
asc. node	-2967 Jul 30 j 05:05	23°♊59'43		
morning max el	-2967 Jul 30 j 17:50	24°♊30'02	17°55'31	
	-2967 Aug 04 j 05:21	0°♋		
morning set	-2967 Aug 16 j 02:26	19°♋59'48		
	-2967 Aug 21 j 18:11	0°♌		
superior conj	-2967 Aug 27 j 13:38	9°♌59'50	1°19'12	
minimum elong	-2967 Aug 27 j 19:01	10°♌22'38	1°18'43	
max. Earth dist.	-2967 Sep 03 j 09:49	21°♌19'49	1.43208 AU	
	-2967 Sep 08 j 19:51	0°♍		
desc. node	-2967 Sep 09 j 22:41	1°♍45'32		
evening rise	-2967 Sep 11 j 18:01	4°♍34'50		
	-2967 Sep 28 j 17:00	0°♎		
greatest brilliancy	-2967 Oct 06 j 18:25	10°♎59'58	-0.4m	
evening max el	-2967 Oct 12 j 00:03	17°♎04'51	21°16'43	
retrograde	-2967 Oct 20 j 15:22	22°♎12'09		
evening set	-2967 Oct 24 j 16:32	20°♎40'11		
asc. node	-2967 Oct 26 j 04:08	19°♎20'19		
inferior conj	-2967 Oct 30 j 02:27	14°♎25'39	1°19'17	
minimum elong	-2967 Oct 30 j 00:42	14°♎31'39	1°18'33	
min. Earth dist.	-2967 Oct 30 j 10:57	13°♎56'27	0.67257 AU	
morning rise	-2967 Nov 04 j 08:31	8°♎08'56		
direct	-2967 Nov 09 j 10:51	5°♎59'07		
morning max el	-2967 Nov 19 j 23:43	12°♎16'11	23°36'23	
	-2967 Dec 04 j 04:36	0°♏		
desc. node	-2967 Dec 06 j 22:13	3°♏53'54		
	-2967 Dec 23 j 16:38	0°♐		
morning set	-2967 Dec 25 j 03:49	2°♐27'55		
max. Earth dist.	-2967 Dec 29 j 07:39	9°♐38'11	1.39015 AU	
superior conj	-2966 Jan 05 j 18:49	23°♐11'28	-1°-53'-58	
minimum elong	-2966 Jan 05 j 20:37	23°♐19'50	1°54'00	
	-2966 Jan 09 j 08:55	0°♑		
evening rise	-2966 Jan 14 j 23:15	10°♑50'57		
asc. node	-2966 Jan 22 j 03:20	24°♑17'00		
	-2966 Jan 25 j 14:48	0°♒		
evening max el	-2966 Jan 31 j 07:42	7°♒10'40	18°42'36	
retrograde	-2966 Feb 08 j 06:48	11°♒02'10		
evening set	-2966 Feb 10 j 16:50	10°♒42'10		
inferior conj	-2966 Feb 18 j 09:30	6°♒17'53	3°23'26	
minimum elong	-2966 Feb 18 j 13:32	6°♒10'16	3°22'38	
min. Earth dist.	-2966 Feb 21 j 17:32	3°♒48'30	0.57957 AU	
morning rise	-2966 Feb 26 j 06:29	1°♒04'02		
	-2966 Mar 01 j 08:47	30°℞♑		
direct	-2966 Mar 04 j 00:41	29°♑42'20		
desc. node	-2966 Mar 04 j 21:24	29°♑44'11		
	-2966 Mar 06 j 17:07	0°♒		
morning max el	-2966 Mar 18 j 07:25	7°♒11'11	26°12'40	
	-2966 Apr 04 j 06:06	0°♓		
morning set	-2966 Apr 15 j 20:28	22°♓04'07		
	-2966 Apr 19 j 13:33	0°♈		
asc. node	-2966 Apr 20 j 02:50	1°♈12'08		
superior conj	-2966 Apr 22 j 21:43	7°♈17'39	0°28'54	
minimum elong	-2966 Apr 22 j 20:28	7°♈10'49	0°28'39	
max. Earth dist.	-2966 Apr 23 j 07:56	8°♈13'32	1.32634 AU	
evening rise	-2966 Apr 29 j 23:37	22°♈29'56		
	-2966 May 03 j 16:36	0°♉		
	-2966 May 21 j 20:27	0°♊		
evening max el	-2966 May 30 j 10:44	9°♊52'34	26°52'53	
desc. node	-2966 May 31 j 20:24	11°♊09'55		
retrograde	-2966 Jun 13 j 10:27	17°♊11'43		
evening set	-2966 Jun 20 j 05:37	15°♊09'24		
min. Earth dist.	-2966 Jun 24 j 00:15	12°♊28'01	0.60731 AU	
inferior conj	-2966 Jun 27 j 07:16	9°♊40'37	-4°-23'-24	
minimum elong	-2966 Jun 27 j 08:46	9°♊37'25	4°23'16	
morning rise	-2966 Jul 04 j 14:59	4°♊53'34		
direct	-2966 Jul 07 j 02:39	4°♊29'11		
morning max el	-2966 Jul 14 j 06:28	7°♊59'48	18°06'33	
asc. node	-2966 Jul 17 j 02:10	11°♊10'04		
	-2966 Jul 28 j 11:52	0°♋		
morning set	-2966 Jul 30 j 04:59	3°♋10'58		
superior conj	-2966 Aug 09 j 04:45	21°♋30'16	1°40'05	
minimum elong	-2966 Aug 09 j 08:02	21°♋44'55	1°39'58	
	-2966 Aug 14 j 01:24	0°♌		
max. Earth dist.	-2966 Aug 16 j 18:44	4°♌37'05	1.41549 AU	
evening rise	-2966 Aug 22 j 10:40	13°♌55'33		
desc. node	-2966 Aug 27 j 19:42	22°♌25'01		
	-2966 Sep 01 j 19:01	0°♍		
greatest brilliancy	-2966 Sep 19 j 22:37	25°♍09'57	-0.3m	
	-2966 Sep 24 j 04:57	0°♎		
evening max el	-2966 Sep 24 j 17:17	0°♎31'37	22°33'36	
retrograde	-2966 Oct 04 j 10:17	6°♎17'34		
evening set	-2966 Oct 09 j 00:22	4°♎26'45		
	-2966 Oct 12 j 23:58	30°℞♍		
asc. node	-2966 Oct 13 j 01:13	29°♍55'49		
inferior conj	-2966 Oct 14 j 09:04	28°♍06'49	0°27'20	
minimum elong	-2966 Oct 14 j 08:26	28°♍09'01	0°27'03	
min. Earth dist.	-2966 Oct 14 j 07:06	28°♍13'39	0.67480 AU	
morning rise	-2966 Oct 19 j 16:25	21°♍51'47		
direct	-2966 Oct 24 j 03:45	20°♍04'07		
morning max el	-2966 Nov 02 j 11:57	25°♍36'30	22°10'26	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2966 Nov 06 j 10:33	0°♎	
greatest brilliancy	-2966 Nov 07 j 05:28	0°♎57'20	-0.4m
desc. node	-2966 Nov 23 j 19:14	24°♎01'48	
	-2966 Nov 27 j 17:42	0°♏	
morning set	-2966 Dec 05 j 08:48	11°♏59'36	
max. Earth dist.	-2966 Dec 11 j 06:08	21°♏40'20	1.41082 AU
	-2966 Dec 16 j 03:06	0°♐	
superior conj	-2966 Dec 18 j 23:46	5°♐01'54	-1°-56'-7
minimum elong	-2966 Dec 18 j 22:37	4°♐56'44	1°56'11
evening rise	-2966 Dec 29 j 08:11	23°♐59'42	
	-2965 Jan 01 j 13:50	0°♑	
asc. node	-2965 Jan 09 j 00:22	12°♑48'57	
evening max el	-2965 Jan 14 j 14:39	19°♑58'28	18°15'22
retrograde	-2965 Jan 21 j 16:27	23°♑31'03	
evening set	-2965 Jan 24 j 05:34	23°♑04'26	
inferior conj	-2965 Jan 31 j 07:02	18°♑18'29	3°55'02
minimum elong	-2965 Jan 31 j 08:30	18°♑15'15	3°54'51
min. Earth dist.	-2965 Feb 03 j 14:52	15°♑24'57	0.59950 AU
morning rise	-2965 Feb 07 j 08:21	12°♑42'38	
direct	-2965 Feb 13 j 23:12	10°♑42'28	
desc. node	-2965 Feb 19 j 18:29	12°♑07'58	
morning max el	-2965 Feb 28 j 04:41	18°♑22'48	27°15'01
	-2965 Mar 09 j 23:22	0°♒	
	-2965 Mar 27 j 19:33	0°♓	
morning set	-2965 Mar 31 j 05:33	6°♓55'23	
asc. node	-2965 Apr 06 j 23:50	21°♓25'13	
superior conj	-2965 Apr 07 j 09:24	22°♓17'37	0°04'13
minimum elong	-2965 Apr 07 j 09:13	22°♓16'35	0°04'10
behind sun begin	-2965 Apr 07 j 04:22	21°♓50'00	
behind sun end	-2965 Apr 07 j 14:04	22°♓43'11	
max. Earth dist.	-2965 Apr 06 j 21:19	21°♓11'26	1.32514 AU
	-2965 Apr 10 j 22:03	0°♈	
evening rise	-2965 Apr 14 j 09:11	7°♈24'39	
	-2965 Apr 26 j 06:40	0°♉	
evening max el	-2965 May 12 j 08:38	21°♉23'34	25°51'50
desc. node	-2965 May 18 j 17:28	26°♉19'47	
retrograde	-2965 May 26 j 10:31	28°♉38'20	
evening set	-2965 Jun 01 j 08:48	27°♉13'28	
min. Earth dist.	-2965 Jun 05 j 21:02	24°♉31'10	0.58685 AU
inferior conj	-2965 Jun 09 j 04:54	22°♉04'34	-4°-20'-54
minimum elong	-2965 Jun 09 j 02:55	22°♉08'14	4°20'43
morning rise	-2965 Jun 17 j 00:54	17°♉40'06	
direct	-2965 Jun 19 j 12:31	17°♉19'47	
morning max el	-2965 Jun 27 j 13:50	21°♉08'33	18°37'26
asc. node	-2965 Jul 03 j 23:14	29°♉14'04	
	-2965 Jul 04 j 10:56	0°♊	
morning set	-2965 Jul 13 j 19:54	16°♊59'22	
	-2965 Jul 20 j 13:37	0°♋	
superior conj	-2965 Jul 22 j 18:01	4°♋07'32	1°48'22
minimum elong	-2965 Jul 22 j 18:46	4°♋11'01	1°48'27
max. Earth dist.	-2965 Jul 29 j 22:06	17°♋08'50	1.39615 AU
evening rise	-2965 Aug 03 j 03:19	24°♋24'25	
	-2965 Aug 06 j 12:06	0°♌	
desc. node	-2965 Aug 14 j 16:43	12°♌55'15	
	-2965 Aug 26 j 14:07	0°♍	
evening max el	-2965 Sep 07 j 06:02	13°♍59'29	23°54'14
retrograde	-2965 Sep 18 j 02:04	20°♍22'41	
evening set	-2965 Sep 23 j 06:31	18°♍12'33	
min. Earth dist.	-2965 Sep 28 j 03:16	12°♍32'27	0.67393 AU
inferior conj	-2965 Sep 28 j 15:31	11°♍50'48	0°-26'-24
minimum elong	-2965 Sep 28 j 16:09	11°♍48'40	0°26'08
asc. node	-2965 Sep 29 j 22:17	10°♍07'26	
morning rise	-2965 Oct 04 j 01:57	5°♍40'20	
direct	-2965 Oct 07 j 23:49	4°♍13'40	
morning max el	-2965 Oct 16 j 06:23	9°♍04'34	20°51'27
greatest brilliancy	-2965 Oct 22 j 02:45	15°♍58'16	-0.5m
	-2965 Nov 01 j 02:26	0°♎	
desc. node	-2965 Nov 10 j 16:16	14°♎25'29	
morning set	-2965 Nov 14 j 13:11	20°♎24'52	
	-2965 Nov 20 j 14:56	0°♏	
max. Earth dist.	-2965 Nov 23 j 11:23	4°♏35'44	1.42883 AU
superior conj	-2965 Nov 30 j 04:36	15°♏41'58	-1°-44'-21
minimum elong	-2965 Nov 29 j 23:26	15°♏20'12	1°44'06
	-2965 Dec 08 j 11:40	0°♐	
evening rise	-2965 Dec 12 j 02:41	6°♐25'23	
	-2965 Dec 26 j 09:30	0°♑	
asc. node	-2965 Dec 26 j 21:24	0°♑37'46	
evening max el	-2965 Dec 29 j 01:52	3°♑05'35	18°07'58
retrograde	-2964 Jan 04 j 16:51	6°♑32'54	
evening set	-2964 Jan 07 j 09:07	5°♑58'39	
inferior conj	-2964 Jan 13 j 22:19	0°♑51'16	3°58'40
minimum elong	-2964 Jan 13 j 21:22	0°♑53'39	3°58'31
	-2964 Jan 14 j 18:41	30°℞♐	
min. Earth dist.	-2964 Jan 16 j 20:07	27°♐57'24	0.61951 AU
morning rise	-2964 Jan 20 j 07:22	25°♐00'30	
direct	-2964 Jan 27 j 07:47	22°♐29'04	
desc. node	-2964 Feb 06 j 15:32	26°♐57'37	
	-2964 Feb 10 j 01:56	0°♑	
morning max el	-2964 Feb 10 j 08:12	0°♑15'18	27°42'45
	-2964 Mar 02 j 22:57	0°♒	
morning set	-2964 Mar 14 j 10:13	21°♒31'00	
	-2964 Mar 18 j 11:48	0°♓	
max. Earth dist.	-2964 Mar 20 j 08:11	3°♓57'53	1.32749 AU
superior conj	-2964 Mar 21 j 19:53	7°♓11'13	0°-21'-16
minimum elong	-2964 Mar 21 j 20:51	7°♓16'30	0°21'06
asc. node	-2964 Mar 23 j 20:50	11°♓37'31	
evening rise	-2964 Mar 28 j 20:38	22°♓22'03	
	-2964 Apr 01 j 13:48	0°♈	
	-2964 Apr 20 j 18:58	0°♉	
evening max el	-2964 Apr 23 j 01:13	2°♉18'41	24°27'37
desc. node	-2964 May 04 j 14:30	9°♉07'29	
retrograde	-2964 May 06 j 23:41	9°♉20'35	
evening set	-2964 May 11 j 14:38	8°♉32'24	
min. Earth dist.	-2964 May 17 j 13:04	5°♉33'10	0.56847 AU
inferior conj	-2964 May 20 j 06:39	3°♉48'13	-3°-43'-55
minimum elong	-2964 May 20 j 01:08	3°♉57'05	3°42'48
	-2964 May 27 j 13:51	30°℞♈	
morning rise	-2964 May 28 j 15:43	29°♈42'38	
direct	-2964 May 31 j 03:45	29°♈25'28	
	-2964 Jun 03 j 14:22	0°♉	
morning max el	-2964 Jun 09 j 13:06	3°♉47'02	19°28'49
asc. node	-2964 Jun 19 j 20:17	17°♉59'30	
	-2964 Jun 26 j 04:23	0°♊	
morning set	-2964 Jun 26 j 19:42	1°♊16'15	
superior conj	-2964 Jul 04 j 23:47	17°♊35'49	1°46'44
minimum elong	-2964 Jul 04 j 22:36	17°♊29'59	1°46'47
max. Earth dist.	-2964 Jul 11 j 00:05	29°♊04'43	1.37674 AU
	-2964 Jul 11 j 12:03	0°♋	
evening rise	-2964 Jul 14 j 21:27	6°♋08'15	
	-2964 Jul 29 j 10:30	0°♌	
desc. node	-2964 Jul 31 j 13:42	3°♌11'17	
evening max el	-2964 Aug 19 j 16:57	27°♌30'39	25°11'36
	-2964 Aug 22 j 10:04	0°♍	
retrograde	-2964 Aug 31 j 13:41	4°♍23'34	
evening set	-2964 Sep 06 j 09:10	1°♍55'42	
	-2964 Sep 08 j 07:39	30°℞♌	
min. Earth dist.	-2964 Sep 10 j 21:05	26°♌51'19	0.66996 AU
inferior conj	-2964 Sep 11 j 20:05	25°♌35'58	-1°-20'-20

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-2964 Sep 11 j 21:59	25°♌29'42	1°19'31
asc. node	-2964 Sep 15 j 19:24	20°♌54'15	
morning rise	-2964 Sep 17 j 11:18	19°♌33'05	
direct	-2964 Sep 20 j 21:45	18°♌24'39	
morning max el	-2964 Sep 28 j 08:05	22°♌41'10	19°44'21
	-2964 Oct 04 j 08:31	0°♍	
greatest brilliancy	-2964 Oct 06 j 11:53	2°♍58'40	-0.6m
morning set	-2964 Oct 23 j 11:38	28°♍40'03	
	-2964 Oct 24 j 08:14	0°♎	
desc. node	-2964 Oct 27 j 13:15	4°♎59'41	
max. Earth dist.	-2964 Nov 04 j 23:22	18°♎14'49	1.44187 AU
superior conj	-2964 Nov 09 j 05:59	25°♎05'16	-1°-15'-34
minimum elong	-2964 Nov 08 j 22:37	24°♎35'38	1°14'51
	-2964 Nov 12 j 06:45	0°♏	
evening rise	-2964 Nov 23 j 02:08	17°♏58'03	
	-2964 Nov 30 j 05:16	0°♐	
evening max el	-2964 Dec 11 j 14:31	16°♐24'03	18°19'37
asc. node	-2964 Dec 12 j 18:27	17°♐30'05	
retrograde	-2964 Dec 18 j 03:32	19°♐57'34	
evening set	-2964 Dec 20 j 23:48	19°♐14'23	
inferior conj	-2964 Dec 27 j 03:24	13°♐47'06	3°42'31
minimum elong	-2964 Dec 27 j 00:57	13°♐54'00	3°42'03
min. Earth dist.	-2964 Dec 29 j 10:52	11°♐12'25	0.63737 AU
morning rise	-2963 Jan 02 j 00:33	7°♐46'04	
direct	-2963 Jan 09 j 00:13	4°♐57'48	
morning max el	-2963 Jan 22 j 15:56	12°♐43'27	27°34'09
desc. node	-2963 Jan 23 j 12:36	13°♐35'38	
	-2963 Feb 05 j 13:34	0°♑	
	-2963 Feb 23 j 09:48	0°♒	
morning set	-2963 Feb 26 j 07:52	5°♒41'12	
max. Earth dist.	-2963 Mar 03 j 12:32	16°♒18'28	1.33376 AU
superior conj	-2963 Mar 06 j 03:20	21°♒51'15	0°-46'-35
minimum elong	-2963 Mar 06 j 05:26	22°♒02'25	0°46'15
	-2963 Mar 09 j 22:25	0°♓	
asc. node	-2963 Mar 10 j 17:50	1°♓44'02	
evening rise	-2963 Mar 13 j 08:08	7°♓14'43	
	-2963 Mar 25 j 12:18	0°♈	
evening max el	-2963 Apr 04 j 17:22	12°♈59'32	22°53'24
retrograde	-2963 Apr 17 j 23:45	19°♈31'20	
evening set	-2963 Apr 21 j 07:12	19°♈07'23	
desc. node	-2963 Apr 21 j 11:33	19°♈04'45	
min. Earth dist.	-2963 Apr 29 j 03:11	15°♈39'45	0.55565 AU
inferior conj	-2963 Apr 30 j 13:27	14°♈50'15	-2°-25'-13
minimum elong	-2963 Apr 30 j 07:36	14°♈58'43	2°23'28
morning rise	-2963 May 09 j 10:41	10°♈53'54	
direct	-2963 May 12 j 01:21	10°♈37'45	
morning max el	-2963 May 23 j 01:57	15°♈46'00	20°40'24
	-2963 Jun 02 j 17:25	0°♉	
asc. node	-2963 Jun 06 j 17:20	7°♉15'52	
morning set	-2963 Jun 11 j 01:37	15°♉54'16	
	-2963 Jun 17 j 21:31	0°♊	
superior conj	-2963 Jun 18 j 17:19	1°♊41'19	1°37'37
minimum elong	-2963 Jun 18 j 15:02	1°♊29'40	1°37'31
max. Earth dist.	-2963 Jun 23 j 07:25	10°♊52'03	1.35941 AU
evening rise	-2963 Jun 27 j 12:46	18°♊56'05	
	-2963 Jul 03 j 16:52	0°♋	
desc. node	-2963 Jul 18 j 10:42	23°♋06'47	
	-2963 Jul 23 j 12:47	0°♌	
evening max el	-2963 Aug 02 j 04:10	11°♌03'51	26°17'38
retrograde	-2963 Aug 14 j 20:30	18°♌15'20	
evening set	-2963 Aug 21 j 06:19	15°♌34'12	
min. Earth dist.	-2963 Aug 25 j 10:05	11°♌07'51	0.66266 AU
inferior conj	-2963 Aug 26 j 20:55	9°♌20'08	-2°-12'-39
minimum elong	-2963 Aug 27 j 00:00	9°♌10'38	2°11'28
morning rise	-2963 Sep 01 j 18:32	3°♌28'12	
asc. node	-2963 Sep 02 j 16:30	3°♌00'58	
direct	-2963 Sep 04 j 19:58	2°♌34'38	
morning max el	-2963 Sep 11 j 16:25	6°♌25'19	18°52'05
	-2963 Sep 28 j 04:36	0°♍	
morning set	-2963 Oct 03 j 03:21	7°♍50'54	
desc. node	-2963 Oct 14 j 10:13	25°♍40'54	
	-2963 Oct 17 j 04:02	0°♎	
max. Earth dist.	-2963 Oct 18 j 16:23	2°♎23'09	1.44833 AU
superior conj	-2963 Oct 19 j 09:50	3°♎31'52	0°-31'-31
minimum elong	-2963 Oct 19 j 05:44	3°♎15'43	0°31'00
evening rise	-2963 Nov 04 j 02:21	28°♎30'29	
	-2963 Nov 05 j 00:33	0°♏	
evening max el	-2963 Nov 25 j 01:59	29°♏48'43	18°49'16
	-2963 Nov 25 j 06:25	0°♐	
asc. node	-2963 Nov 29 j 15:31	3°♐11'15	
retrograde	-2963 Dec 01 j 20:44	3°♐38'21	
evening set	-2963 Dec 04 j 22:29	2°♐44'25	
	-2963 Dec 08 j 04:40	30°℞♏	
inferior conj	-2963 Dec 10 j 18:45	26°♏59'39	3°12'45
minimum elong	-2963 Dec 10 j 15:42	27°♏08'58	3°11'56
min. Earth dist.	-2963 Dec 12 j 11:17	24°♏56'03	0.65185 AU
morning rise	-2963 Dec 16 j 07:54	20°♏51'08	
direct	-2963 Dec 22 j 23:09	18°♏01'17	
morning max el	-2962 Jan 05 j 01:27	25°♏37'29	26°53'13
	-2962 Jan 09 j 02:41	0°♐	
desc. node	-2962 Jan 10 j 09:40	1°♐31'07	
	-2962 Jan 30 j 01:23	0°♑	
morning set	-2962 Feb 09 j 19:16	19°♑15'42	
max. Earth dist.	-2962 Feb 14 j 07:01	28°♑05'27	1.34435 AU
	-2962 Feb 15 j 05:39	0°♒	
superior conj	-2962 Feb 18 j 05:44	6°♒11'10	-1°-10'-36
minimum elong	-2962 Feb 18 j 08:42	6°♒26'38	1°10'14
evening rise	-2962 Feb 25 j 17:57	21°♒56'43	
asc. node	-2962 Feb 25 j 14:50	21°♒40'35	
	-2962 Mar 01 j 17:28	0°♓	
evening max el	-2962 Mar 17 j 15:21	23°♓53'27	21°22'51
retrograde	-2962 Mar 29 j 14:03	29°♓38'34	
evening set	-2962 Apr 01 j 01:56	29°♓24'22	
desc. node	-2962 Apr 08 j 08:39	26°♓31'50	
inferior conj	-2962 Apr 10 j 09:07	25°♓24'33	0°-33'-53
minimum elong	-2962 Apr 10 j 07:31	25°♓26'47	0°33'21
min. Earth dist.	-2962 Apr 10 j 16:49	25°♓13'42	0.55121 AU
morning rise	-2962 Apr 19 j 13:04	21°♓21'35	
direct	-2962 Apr 22 j 13:25	21°♓01'43	
morning max el	-2962 May 05 j 03:55	27°♓02'43	22°09'20
	-2962 May 08 j 00:28	0°♈	
asc. node	-2962 May 24 j 14:21	26°♈55'00	
morning set	-2962 May 26 j 11:26	0°♉46'30	
	-2962 May 26 j 02:27	0°♉	
superior conj	-2962 Jun 02 j 19:00	16°♉12'55	1°22'58
minimum elong	-2962 Jun 02 j 16:22	15°♉59'03	1°22'41
max. Earth dist.	-2962 Jun 06 j 00:16	22°♉54'33	1.34541 AU
	-2962 Jun 09 j 12:47	0°♊	
evening rise	-2962 Jun 10 j 19:58	2°♊32'34	
	-2962 Jun 26 j 14:15	0°♋	
desc. node	-2962 Jul 05 j 07:44	12°♋32'25	
evening max el	-2962 Jul 15 j 15:47	24°♋30'22	27°04'21
	-2962 Jul 22 j 17:21	0°♌	
retrograde	-2962 Jul 28 j 21:56	1°♌50'41	
	-2962 Aug 03 j 13:11	30°℞♋	
evening set	-2962 Aug 04 j 19:29	29°♋04'02	
min. Earth dist.	-2962 Aug 08 j 15:51	25°♋16'09	0.65172 AU
inferior conj	-2962 Aug 10 j 15:54	22°♋58'59	-3°-1'-11

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-2962 Aug 10 j 19:46	22°♋47'55	2°59'56
morning rise	-2962 Aug 16 j 21:23	17°♋21'26	
direct	-2962 Aug 19 j 16:08	16°♋39'26	
asc. node	-2962 Aug 20 j 13:36	16°♋43'47	
morning max el	-2962 Aug 26 j 05:24	20°♋13'02	18°16'15
	-2962 Sep 02 j 15:16	0°♌	
morning set	-2962 Sep 13 j 22:31	18°♌22'17	
	-2962 Sep 21 j 00:47	0°♍	
superior conj	-2962 Sep 28 j 11:18	11°♍56'31	0°18'06
minimum elong	-2962 Sep 28 j 13:33	12°♍05'29	0°17'49
desc. node	-2962 Oct 01 j 07:12	16°♍25'32	
max. Earth dist.	-2962 Oct 01 j 11:04	16°♍40'47	1.44746 AU
	-2962 Oct 09 j 22:44	0°♎	
evening rise	-2962 Oct 15 j 02:16	8°♎01'54	
	-2962 Oct 29 j 08:51	0°♏	
greatest brilliancy	-2962 Oct 30 j 22:21	2°♏17'56	-0.7m
evening max el	-2962 Nov 08 j 09:52	13°♏15'06	19°35'31
retrograde	-2962 Nov 15 j 17:16	17°♏29'41	
asc. node	-2962 Nov 16 j 12:37	17°♏25'56	
evening set	-2962 Nov 19 j 02:24	16°♏22'51	
inferior conj	-2962 Nov 24 j 17:18	10°♏23'39	2°33'33
minimum elong	-2962 Nov 24 j 14:23	10°♏33'08	2°32'33
min. Earth dist.	-2962 Nov 25 j 20:08	8°♏56'15	0.66260 AU
morning rise	-2962 Nov 30 j 01:39	4°♏09'53	
direct	-2962 Dec 06 j 03:49	1°♏30'21	
morning max el	-2962 Dec 18 j 10:46	8°♏45'44	25°47'28
desc. node	-2962 Dec 28 j 06:42	20°♏20'54	
	-2961 Jan 04 j 04:51	0°♐	
	-2961 Jan 22 j 13:22	0°♑	
morning set	-2961 Jan 23 j 16:00	2°♑01'18	
max. Earth dist.	-2961 Jan 27 j 13:55	9°♑21'25	1.35934 AU
superior conj	-2961 Feb 02 j 00:29	20°♑03'02	-1°-31'-47
minimum elong	-2961 Feb 02 j 03:48	20°♑19'46	1°31'30
	-2961 Feb 06 j 21:35	0°♒	
evening rise	-2961 Feb 10 j 00:06	6°♒21'39	
asc. node	-2961 Feb 12 j 11:52	11°♒22'19	
	-2961 Feb 23 j 08:40	0°♓	
evening max el	-2961 Feb 27 j 23:18	5°♓19'25	20°05'57
retrograde	-2961 Mar 10 j 05:57	10°♓12'59	
evening set	-2961 Mar 12 j 12:02	9°♓59'53	
inferior conj	-2961 Mar 21 j 07:34	6°♓00'03	1°20'47
minimum elong	-2961 Mar 21 j 10:56	5°♓54'58	1°19'39
min. Earth dist.	-2961 Mar 23 j 06:55	4°♓48'48	0.55611 AU
desc. node	-2961 Mar 26 j 05:45	3°♓10'23	
morning rise	-2961 Mar 30 j 07:09	1°♓33'00	
direct	-2961 Apr 03 j 04:21	0°♓59'55	
morning max el	-2961 Apr 16 j 21:45	7°♓47'33	23°48'13
	-2961 May 02 j 21:59	0°♈	
morning set	-2961 May 10 j 23:17	15°♈47'11	
asc. node	-2961 May 11 j 11:22	16°♈50'42	
	-2961 May 17 j 14:33	0°♉	
superior conj	-2961 May 18 j 02:08	1°♉02'17	1°04'13
minimum elong	-2961 May 17 j 23:43	0°♉49'19	1°03'51
max. Earth dist.	-2961 May 20 j 02:35	5°♉21'25	1.33514 AU
evening rise	-2961 May 25 j 14:35	16°♉44'46	
	-2961 Jun 01 j 13:08	0°♊	
	-2961 Jun 21 j 03:55	0°♋	
desc. node	-2961 Jun 22 j 04:48	1°♋15'32	
evening max el	-2961 Jun 28 j 02:21	7°♋38'33	27°24'45
retrograde	-2961 Jul 11 j 17:47	15°♋01'26	
evening set	-2961 Jul 18 j 21:34	12°♋20'51	
min. Earth dist.	-2961 Jul 22 j 12:31	9°♋07'30	0.63699 AU
inferior conj	-2961 Jul 25 j 02:28	6°♋27'32	-3°-42'-58
minimum elong	-2961 Jul 25 j 06:25	6°♋17'18	3°42'01
morning rise	-2961 Jul 31 j 17:12	1°♋07'40	
direct	-2961 Aug 03 j 07:33	0°♋34'20	
asc. node	-2961 Aug 07 j 10:41	1°♋58'42	
morning max el	-2961 Aug 09 j 20:29	3°♋59'31	17°57'51
morning set	-2961 Aug 26 j 19:30	0°♌07'42	
	-2961 Aug 26 j 17:44	0°♌	
superior conj	-2961 Sep 08 j 07:46	21°♌19'59	1°00'41
minimum elong	-2961 Sep 08 j 13:17	21°♌42'40	1°00'06
	-2961 Sep 13 j 15:49	0°♍	
max. Earth dist.	-2961 Sep 14 j 03:32	0°♍46'59	1.43948 AU
desc. node	-2961 Sep 18 j 04:13	7°♍10'49	
evening rise	-2961 Sep 24 j 09:17	16°♍52'03	
	-2961 Oct 02 j 23:53	0°♎	
greatest brilliancy	-2961 Oct 16 j 10:36	19°♎24'03	-0.5m
evening max el	-2961 Oct 22 j 12:22	26°♎41'28	20°36'17
	-2961 Oct 26 j 09:05	0°♏	
retrograde	-2961 Oct 30 j 14:41	1°♏28'25	
evening set	-2961 Nov 03 j 09:19	0°♏06'19	
asc. node	-2961 Nov 03 j 09:43	0°♏05'34	
	-2961 Nov 03 j 12:43	30°℞♎	
inferior conj	-2961 Nov 08 j 20:35	23°♎56'09	1°47'46
minimum elong	-2961 Nov 08 j 18:18	24°♎03'53	1°46'52
min. Earth dist.	-2961 Nov 09 j 11:23	23°♎05'54	0.66984 AU
morning rise	-2961 Nov 14 j 02:48	17°♎39'35	
direct	-2961 Nov 19 j 13:52	15°♎17'48	
morning max el	-2961 Nov 30 j 19:26	21°♎59'38	24°26'11
	-2961 Dec 07 j 19:21	0°♏	
desc. node	-2961 Dec 15 j 03:44	9°♏49'13	
	-2961 Dec 28 j 12:13	0°♐	
morning set	-2960 Jan 05 j 16:17	13°♐41'43	
max. Earth dist.	-2960 Jan 09 j 11:32	20°♐27'07	1.37816 AU
	-2960 Jan 14 j 15:01	0°♑	
superior conj	-2960 Jan 16 j 08:10	3°♑16'52	-1°-48'00
minimum elong	-2960 Jan 16 j 10:54	3°♑30'05	1°47'55
evening rise	-2960 Jan 25 j 00:16	20°♑22'14	
	-2960 Jan 29 j 23:42	0°♒	
asc. node	-2960 Jan 30 j 08:55	0°♒42'50	
evening max el	-2960 Feb 10 j 17:48	17°♒21'21	19°07'21
retrograde	-2960 Feb 19 j 10:42	21°♒31'23	
evening set	-2960 Feb 21 j 18:34	21°♒14'47	
inferior conj	-2960 Feb 29 j 21:05	17°♒01'53	2°49'21
minimum elong	-2960 Mar 01 j 01:54	16°♒53'33	2°48'06
min. Earth dist.	-2960 Mar 03 j 22:23	14°♒56'18	0.56926 AU
morning rise	-2960 Mar 09 j 05:20	12°♒03'34	
desc. node	-2960 Mar 12 j 02:50	11°♒14'20	
direct	-2960 Mar 14 j 07:19	11°♒02'58	
morning max el	-2960 Mar 28 j 12:44	18°♒22'05	25°24'28
	-2960 Apr 07 j 04:59	0°♓	
morning set	-2960 Apr 24 j 11:24	0°♈48'57	
	-2960 Apr 24 j 02:03	0°♈	
asc. node	-2960 Apr 27 j 08:23	6°♈56'42	
superior conj	-2960 May 01 j 12:26	16°♈00'48	0°42'27
minimum elong	-2960 May 01 j 10:40	15°♈51'12	0°42'08
max. Earth dist.	-2960 May 02 j 11:50	18°♈08'10	1.32852 AU
	-2960 May 08 j 01:28	0°♉	
evening rise	-2960 May 08 j 17:03	1°♉20'25	
	-2960 May 24 j 12:40	0°♊	
desc. node	-2960 Jun 08 j 01:51	18°♊57'11	
evening max el	-2960 Jun 09 j 09:36	20°♊15'28	27°13'57
retrograde	-2960 Jun 23 j 07:17	27°♊37'12	
evening set	-2960 Jun 30 j 08:39	25°♊16'57	
min. Earth dist.	-2960 Jul 03 j 23:15	22°♊28'08	0.61882 AU
inferior conj	-2960 Jul 07 j 01:29	19°♊38'03	-4°-13'-32
minimum elong	-2960 Jul 07 j 04:20	19°♊31'29	4°13'08

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-2960 Jul	14 j 02:43	14°♊38'30	
direct	-2960 Jul	16 j 14:42	14°♊11'29	
morning max el	-2960 Jul	23 j 10:51	17°♊37'27	17°57'49
asc. node	-2960 Jul	24 j 07:45	18°♊31'08	
	-2960 Aug	01 j 07:18	0°♋	
morning set	-2960 Aug	08 j 12:48	12°♋51'18	
	-2960 Aug	18 j 02:52	0°♌	
superior conj	-2960 Aug	19 j 07:41	2°♌04'59	1°29'45
minimum elong	-2960 Aug	19 j 12:22	2°♌25'11	1°29'25
max. Earth dist.	-2960 Aug	26 j 15:05	14°♌24'02	1.42548 AU
evening rise	-2960 Sep	02 j 16:53	25°♌46'35	
desc. node	-2960 Sep	04 j 01:14	27°♌53'23	
	-2960 Sep	05 j 09:45	0°♍	
	-2960 Sep	25 j 22:45	0°♎	
greatest brilliancy	-2960 Sep	29 j 12:11	4°♎35'23	-0.4m
evening max el	-2960 Oct	04 j 08:50	10°♎07'55	21°48'38
retrograde	-2960 Oct	13 j 10:59	15°♎32'03	
evening set	-2960 Oct	17 j 17:18	13°♎52'25	
asc. node	-2960 Oct	20 j 06:48	11°♎18'01	
inferior conj	-2960 Oct	23 j 02:31	7°♎35'01	0°57'34
minimum elong	-2960 Oct	23 j 01:13	7°♎39'31	0°57'01
min. Earth dist.	-2960 Oct	23 j 06:31	7°♎21'10	0.67384 AU
morning rise	-2960 Oct	28 j 08:51	1°♎18'24	
	-2960 Oct	30 j 07:27	30°℞♍	
direct	-2960 Nov	02 j 04:38	29°♍17'55	
	-2960 Nov	05 j 06:54	0°♎	
morning max el	-2960 Nov	12 j 05:20	5°♎16'44	22°59'19
greatest brilliancy	-2960 Nov	17 j 02:32	10°♎45'49	-0.3m
desc. node	-2960 Dec	01 j 00:46	29°♎45'14	
	-2960 Dec	01 j 04:47	0°♏	
morning set	-2960 Dec	16 j 14:04	24°♏02'08	
	-2960 Dec	20 j 03:19	0°♐	
max. Earth dist.	-2960 Dec	21 j 07:03	1°♐58'39	1.39900 AU
superior conj	-2960 Dec	29 j 00:26	15°♐41'53	-1°-56'-20
minimum elong	-2960 Dec	29 j 01:10	15°♐45'15	1°56'25
	-2959 Jan	05 j 15:11	0°♑	
evening rise	-2959 Jan	07 j 15:43	3°♑51'57	
asc. node	-2959 Jan	16 j 05:58	19°♑35'07	
	-2959 Jan	23 j 23:05	0°♒	
evening max el	-2959 Jan	23 j 21:04	29°♑55'09	18°28'38
retrograde	-2959 Jan	31 j 09:44	3°♒36'32	
evening set	-2959 Feb	02 j 21:05	3°♒13'55	
	-2959 Feb	08 j 14:44	30°℞♑	
inferior conj	-2959 Feb	10 j 06:59	28°♑41'00	3°40'48
minimum elong	-2959 Feb	10 j 10:01	28°♑34'54	3°40'19
min. Earth dist.	-2959 Feb	13 j 16:46	25°♑58'04	0.58782 AU
morning rise	-2959 Feb	17 j 19:22	23°♑16'44	
direct	-2959 Feb	23 j 23:47	21°♑38'07	
desc. node	-2959 Feb	26 j 23:55	22°♑00'54	
morning max el	-2959 Mar	10 j 06:29	29°♑13'26	26°42'56
	-2959 Mar	11 j 01:16	0°♒	
	-2959 Mar	31 j 21:31	0°♓	
morning set	-2959 Apr	08 j 22:05	15°♓45'37	
asc. node	-2959 Apr	14 j 05:25	27°♓08'22	
	-2959 Apr	15 j 12:47	0°♈	
superior conj	-2959 Apr	16 j 00:05	1°♈01'55	0°18'36
minimum elong	-2959 Apr	15 j 23:16	0°♈57'26	0°18'25
max. Earth dist.	-2959 Apr	16 j 00:40	1°♈05'06	1.32539 AU
evening rise	-2959 Apr	23 j 00:39	16°♈10'25	
	-2959 Apr	30 j 00:12	0°♉	
	-2959 May	20 j 07:06	0°♊	
evening max el	-2959 May	22 j 11:26	2°♊12'02	26°30'26
desc. node	-2959 May	25 j 22:54	5°♊11'53	
retrograde	-2959 Jun	05 j 12:51	9°♊29'57	
evening set	-2959 Jun	12 j 00:25	7°♊43'09	
min. Earth dist.	-2959 Jun	16 j 00:45	5°♊03'12	0.59857 AU
inferior conj	-2959 Jun	19 j 09:26	2°♊22'00	-4°-25'-54
minimum elong	-2959 Jun	19 j 09:36	2°♊21'39	4°25'50
	-2959 Jun	22 j 12:11	30°℞♉	
morning rise	-2959 Jun	26 j 22:15	27°♉44'25	
direct	-2959 Jun	29 j 09:39	27°♉21'59	
	-2959 Jul	05 j 18:55	0°♊	
morning max el	-2959 Jul	06 j 21:33	0°♊59'06	18°17'06
asc. node	-2959 Jul	11 j 04:48	6°♊05'46	
morning set	-2959 Jul	22 j 21:05	26°♊19'20	
	-2959 Jul	24 j 19:38	0°♋	
superior conj	-2959 Aug	01 j 08:52	14°♋05'15	1°44'59
minimum elong	-2959 Aug	01 j 11:02	14°♋15'09	1°44'58
max. Earth dist.	-2959 Aug	08 j 21:05	27°♋20'37	1.40747 AU
	-2959 Aug	10 j 10:38	0°♌	
evening rise	-2959 Aug	13 j 18:56	5°♌33'52	
desc. node	-2959 Aug	21 j 22:12	18°♌29'15	
	-2959 Aug	29 j 15:04	0°♍	
greatest brilliancy	-2959 Sep	11 j 12:35	17°♍26'14	-0.2m
evening max el	-2959 Sep	16 j 23:57	23°♍35'04	23°07'58
retrograde	-2959 Sep	27 j 04:36	29°♍37'15	
evening set	-2959 Oct	02 j 00:35	27°♍38'27	
inferior conj	-2959 Oct	07 j 09:15	21°♍17'28	0°04'38
minimum elong	-2959 Oct	07 j 09:08	21°♍17'51	0°04'36
transit middle	-2959 Oct	07 j 09:08	21°♍17'51	0°04'36
transit begin	-2959 Oct	07 j 06:33	21°♍26'46	
transit end	-2959 Oct	07 j 11:44	21°♍08'56	
min. Earth dist.	-2959 Oct	07 j 03:00	21°♍38'56	0.67480 AU
asc. node	-2959 Oct	07 j 03:53	21°♍35'57	
morning rise	-2959 Oct	12 j 17:41	15°♍03'52	
direct	-2959 Oct	16 j 23:09	13°♍25'08	
morning max el	-2959 Oct	25 j 19:43	18°♍39'06	21°35'33
greatest brilliancy	-2959 Oct	30 j 21:21	24°♍28'00	-0.4m
	-2959 Nov	04 j 02:39	0°♎	
desc. node	-2959 Nov	17 j 21:46	20°♎00'20	
	-2959 Nov	24 j 09:22	0°♏	
morning set	-2959 Nov	26 j 07:06	3°♏00'09	
max. Earth dist.	-2959 Dec	03 j 07:53	14°♏22'28	1.41898 AU
superior conj	-2959 Dec	10 j 19:45	27°♏03'47	-1°-53'-4
minimum elong	-2959 Dec	10 j 16:55	26°♏51'29	1°53'03
	-2959 Dec	12 j 12:07	0°♐	
evening rise	-2959 Dec	21 j 18:56	16°♐42'44	
	-2959 Dec	29 j 04:35	0°♑	
asc. node	-2958 Jan	03 j 03:00	7°♑49'51	
evening max el	-2958 Jan	07 j 06:13	12°♑52'02	18°09'52
retrograde	-2958 Jan	14 j 02:00	16°♑20'24	
evening set	-2958 Jan	16 j 16:34	15°♑50'31	
inferior conj	-2958 Jan	23 j 12:26	10°♑55'20	3°59'25
minimum elong	-2958 Jan	23 j 12:48	10°♑54'30	3°59'20
min. Earth dist.	-2958 Jan	26 j 16:54	7°♑59'01	0.60823 AU
morning rise	-2958 Jan	30 j 06:22	5°♑12'48	
direct	-2958 Feb	06 j 02:55	2°♑57'46	
desc. node	-2958 Feb	13 j 20:59	5°♑30'26	
morning max el	-2958 Feb	20 j 06:11	10°♑40'32	27°31'17
	-2958 Mar	07 j 08:13	0°♒	
	-2958 Mar	23 j 23:36	0°♓	
morning set	-2958 Mar	24 j 05:31	0°♓30'27	
max. Earth dist.	-2958 Mar	30 j 13:24	13°♓59'13	1.32570 AU
superior conj	-2958 Mar	31 j 11:27	15°♓59'28	0°-6'-33
minimum elong	-2958 Mar	31 j 11:45	16°♓01'06	0°06'32
behind sun begin	-2958 Mar	31 j 07:07	15°♓35'51	
behind sun end	-2958 Mar	31 j 16:22	16°♓26'22	
asc. node	-2958 Apr	01 j 02:25	17°♓21'19	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2958 Apr 06 j 22:34	0°♈	
evening rise	-2958 Apr 07 j 11:15	1°♈06'55	
	-2958 Apr 23 j 08:51	0°♉	
evening max el	-2958 May 04 j 06:58	13°♉26'45	25°18'15
desc. node	-2958 May 12 j 19:55	19°♉26'03	
retrograde	-2958 May 18 j 08:16	20°♉36'45	
evening set	-2958 May 23 j 18:06	19°♉28'35	
min. Earth dist.	-2958 May 28 j 19:07	16°♉40'46	0.57858 AU
inferior conj	-2958 May 31 j 22:51	14°♉29'58	-4°-10'-6
minimum elong	-2958 May 31 j 19:13	14°♉36'19	4°09'36
morning rise	-2958 Jun 09 j 00:19	10°♉13'56	
direct	-2958 Jun 11 j 12:10	9°♉54'59	
morning max el	-2958 Jun 20 j 01:44	13°♉55'55	18°56'44
asc. node	-2958 Jun 28 j 01:51	24°♉28'54	
	-2958 Jul 01 j 05:57	0°♊	
morning set	-2958 Jul 06 j 16:15	10°♊21'37	
superior conj	-2958 Jul 15 j 05:51	27°♊06'24	1°48'44
minimum elong	-2958 Jul 15 j 05:40	27°♊05'34	1°48'49
	-2958 Jul 16 j 18:23	0°♋	
max. Earth dist.	-2958 Jul 21 j 23:42	9°♋37'22	1.38782 AU
evening rise	-2958 Jul 25 j 22:50	16°♋35'59	
	-2958 Aug 03 j 00:58	0°♌	
desc. node	-2958 Aug 08 j 19:11	8°♌54'27	
	-2958 Aug 24 j 03:23	0°♍	
evening max el	-2958 Aug 30 j 11:48	7°♍05'14	24°27'59
retrograde	-2958 Sep 10 j 18:32	13°♍41'24	
evening set	-2958 Sep 16 j 05:28	11°♍23'26	
min. Earth dist.	-2958 Sep 20 j 22:25	5°♍58'22	0.67272 AU
inferior conj	-2958 Sep 21 j 15:07	5°♍02'22	0°-49'-22
minimum elong	-2958 Sep 21 j 16:17	4°♍58'25	0°48'51
asc. node	-2958 Sep 24 j 00:57	1°♍55'58	
	-2958 Sep 25 j 20:01	30°℞♌	
morning rise	-2958 Sep 27 j 03:24	28°♌54'51	
direct	-2958 Sep 30 j 20:14	27°♌36'13	
	-2958 Oct 06 j 08:02	0°♍	
morning max el	-2958 Oct 08 j 17:13	2°♍10'50	20°21'12
greatest brilliancy	-2958 Oct 15 j 08:42	10°♍13'02	-0.6m
	-2958 Oct 28 j 22:33	0°♎	
desc. node	-2958 Nov 04 j 18:45	10°♎29'02	
morning set	-2958 Nov 05 j 05:55	11°♎12'13	
max. Earth dist.	-2958 Nov 15 j 16:44	27°♎40'16	1.43520 AU
	-2958 Nov 17 j 03:25	0°♏	
superior conj	-2958 Nov 21 j 12:55	7°♏10'42	-1°-34'-16
minimum elong	-2958 Nov 21 j 06:20	6°♏43'32	1°33'47
evening rise	-2958 Dec 04 j 05:52	28°♏46'44	
	-2958 Dec 04 j 22:42	0°♐	
asc. node	-2958 Dec 21 j 00:02	25°♐16'01	
evening max el	-2958 Dec 21 j 18:22	26°♐04'18	18°10'36
retrograde	-2958 Dec 28 j 07:23	29°♐32'55	
evening set	-2958 Dec 31 j 01:18	28°♐54'53	
inferior conj	-2957 Jan 06 j 10:04	23°♐38'27	3°53'46
minimum elong	-2957 Jan 06 j 08:21	23°♐42'57	3°53'32
min. Earth dist.	-2957 Jan 09 j 01:52	20°♐51'08	0.62752 AU
morning rise	-2957 Jan 12 j 13:32	17°♐42'56	
direct	-2957 Jan 19 j 14:41	15°♐02'48	
desc. node	-2957 Jan 31 j 18:03	21°♐10'11	
morning max el	-2957 Feb 02 j 11:49	22°♐48'50	27°43'28
	-2957 Feb 08 j 21:53	0°♑	
	-2957 Feb 28 j 12:04	0°♒	
morning set	-2957 Mar 08 j 07:31	14°♒55'52	
max. Earth dist.	-2957 Mar 13 j 22:11	26°♒36'44	1.32968 AU
superior conj	-2957 Mar 15 j 20:51	0°♓47'28	0°-32'-5
minimum elong	-2957 Mar 15 j 22:18	0°♓55'21	0°31'51
	-2957 Mar 15 j 12:03	0°♓	

asc. node	-2957 Mar 18 j 23:26	7°♓31'17	
evening rise	-2957 Mar 22 j 22:57	16°♓02'50	
	-2957 Mar 29 j 22:59	0°♈	
evening max el	-2957 Apr 15 j 22:31	24°♈11'38	23°47'52
	-2957 Apr 24 j 09:13	0°♉	
retrograde	-2957 Apr 29 j 15:37	1°♉03'03	
desc. node	-2957 Apr 29 j 17:00	1°♉03'03	
evening set	-2957 May 03 j 16:44	0°♉26'53	
	-2957 May 05 j 00:50	30°℞♈	
min. Earth dist.	-2957 May 10 j 09:39	27°♈17'15	0.56211 AU
inferior conj	-2957 May 12 j 16:02	25°♈54'39	-3°-15'-35
minimum elong	-2957 May 12 j 09:48	26°♈04'10	3°14'04
morning rise	-2957 May 21 j 06:36	21°♈54'59	
direct	-2957 May 23 j 19:30	21°♈38'31	
morning max el	-2957 Jun 02 j 20:44	26°♈17'57	19°57'02
	-2957 Jun 06 j 06:57	0°♉	
asc. node	-2957 Jun 14 j 22:54	13°♉28'16	
morning set	-2957 Jun 20 j 18:59	24°♉48'28	
	-2957 Jun 23 j 08:20	0°♊	
superior conj	-2957 Jun 28 j 17:11	10°♊52'11	1°43'40
minimum elong	-2957 Jun 28 j 15:25	10°♊43'26	1°43'39
max. Earth dist.	-2957 Jul 04 j 03:32	21°♊27'26	1.36898 AU
evening rise	-2957 Jul 08 j 02:37	28°♊48'28	
	-2957 Jul 08 j 18:27	0°♋	
desc. node	-2957 Jul 26 j 16:11	29°♋02'47	
	-2957 Jul 27 j 08:02	0°♌	
evening max el	-2957 Aug 12 j 22:36	20°♌37'28	25°41'24
retrograde	-2957 Aug 25 j 04:09	27°♌39'29	
evening set	-2957 Aug 31 j 06:04	25°♌04'56	
min. Earth dist.	-2957 Sep 04 j 14:22	20°♌16'50	0.66736 AU
inferior conj	-2957 Sep 05 j 18:20	18°♌47'16	-1°-42'-50
minimum elong	-2957 Sep 05 j 20:46	18°♌39'28	1°41'49
asc. node	-2957 Sep 10 j 22:03	13°♌12'53	
morning rise	-2957 Sep 11 j 12:07	12°♌48'55	
direct	-2957 Sep 14 j 18:27	11°♌47'19	
morning max el	-2957 Sep 21 j 22:03	15°♌51'31	19°20'12
greatest brilliancy	-2957 Oct 02 j 00:33	29°♌08'58	-0.7m
	-2957 Oct 02 j 14:14	0°♍	
morning set	-2957 Oct 15 j 09:31	19°♍45'25	
	-2957 Oct 21 j 22:44	0°♎	
desc. node	-2957 Oct 22 j 15:46	1°♎06'43	
max. Earth dist.	-2957 Oct 29 j 07:31	11°♎35'07	1.44551 AU
superior conj	-2957 Nov 01 j 03:34	16°♎04'54	0°-58'-19
minimum elong	-2957 Oct 31 j 20:52	15°♎38'15	0°57'34
	-2957 Nov 09 j 19:07	0°♏	
evening rise	-2957 Nov 15 j 19:55	9°♏54'58	
	-2957 Nov 28 j 03:40	0°♐	
evening max el	-2957 Dec 05 j 06:46	9°♐25'43	18°30'04
asc. node	-2957 Dec 07 j 21:06	11°♐40'01	
retrograde	-2957 Dec 11 j 21:28	13°♐05'21	
evening set	-2957 Dec 14 j 19:47	12°♐17'53	
inferior conj	-2957 Dec 20 j 19:59	6°♐42'36	3°31'17
minimum elong	-2957 Dec 20 j 17:10	6°♐50'48	3°30'40
min. Earth dist.	-2957 Dec 22 j 20:57	4°♐20'09	0.64392 AU
morning rise	-2957 Dec 26 j 13:15	0°♐37'49	
	-2957 Dec 27 j 08:29	30°℞♏	
direct	-2956 Jan 02 j 09:55	27°♏47'20	
	-2956 Jan 09 j 03:08	0°♐	
morning max el	-2956 Jan 15 j 20:56	5°♐30'45	27°20'24
desc. node	-2956 Jan 18 j 15:08	8°♐24'48	
	-2956 Feb 03 j 14:39	0°♑	
morning set	-2956 Feb 20 j 01:20	28°♑52'55	
	-2956 Feb 20 j 15:00	0°♒	
max. Earth dist.	-2956 Feb 24 j 22:55	8°♒44'51	1.33769 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-2956 Feb 28 j 02:27	15°♒19'59	0°-57'-1
minimum elong	-2956 Feb 28 j 04:57	15°♒33'15	0°56'39
asc. node	-2956 Mar 04 j 20:27	27°♒34'20	
evening rise	-2956 Mar 06 j 10:00	0°♓52'01	
	-2956 Mar 06 j 00:04	0°♓	
	-2956 Mar 23 j 05:51	0°♈	
evening max el	-2956 Mar 27 j 16:17	4°♈54'32	22°13'42
retrograde	-2956 Apr 09 j 11:13	11°♈08'53	
evening set	-2956 Apr 12 j 08:20	10°♈50'32	
desc. node	-2956 Apr 15 j 14:04	9°♈50'04	
min. Earth dist.	-2956 Apr 20 j 23:31	7°♈06'29	0.55257 AU
inferior conj	-2956 Apr 21 j 16:43	6°♈42'09	-1°-40'-37
minimum elong	-2956 Apr 21 j 12:14	6°♈48'30	1°39'09
morning rise	-2956 Apr 30 j 17:52	2°♈45'25	
direct	-2956 May 03 j 11:09	2°♈28'41	
morning max el	-2956 May 15 j 05:01	7°♈59'16	21°16'32
	-2956 May 30 j 07:50	0°♉	
asc. node	-2956 May 31 j 19:57	2°♉55'00	
morning set	-2956 Jun 04 j 02:48	9°♉33'03	
superior conj	-2956 Jun 11 j 14:36	25°♉10'04	1°31'59
minimum elong	-2956 Jun 11 j 12:05	24°♉57'04	1°31'49
	-2956 Jun 13 j 23:10	0°♊	
max. Earth dist.	-2956 Jun 15 j 14:18	3°♊17'10	1.35295 AU
evening rise	-2956 Jun 20 j 01:18	11°♊58'30	
	-2956 Jun 30 j 04:42	0°♋	
desc. node	-2956 Jul 12 j 13:12	18°♋46'43	
	-2956 Jul 21 j 11:18	0°♌	
evening max el	-2956 Jul 25 j 09:51	4°♌08'01	26°40'13
retrograde	-2956 Aug 07 j 08:56	11°♌25'11	
evening set	-2956 Aug 14 j 00:12	8°♌40'17	
min. Earth dist.	-2956 Aug 18 j 00:34	4°♌30'32	0.65845 AU
inferior conj	-2956 Aug 19 j 16:58	2°♌29'25	-2°-33'-51
minimum elong	-2956 Aug 19 j 20:26	2°♌19'00	2°32'36
	-2956 Aug 21 j 20:36	30°℞♋	
morning rise	-2956 Aug 25 j 17:46	26°♋43'20	
asc. node	-2956 Aug 27 j 19:10	25°♋59'30	
direct	-2956 Aug 28 j 15:58	25°♋55'17	
morning max el	-2956 Sep 04 j 08:43	29°♋37'54	18°34'45
	-2956 Sep 04 j 17:16	0°♌	
morning set	-2956 Sep 24 j 12:31	29°♌29'32	
	-2956 Sep 24 j 20:05	0°♍	
desc. node	-2956 Oct 08 j 12:44	21°♍49'42	
superior conj	-2956 Oct 10 j 03:36	24°♍22'52	0°-10'-21
minimum elong	-2956 Oct 10 j 02:13	24°♍17'27	0°10'11
behind sun begin	-2956 Oct 09 j 17:14	23°♍42'03	
behind sun end	-2956 Oct 10 j 11:12	24°♍52'50	
max. Earth dist.	-2956 Oct 11 j 01:10	25°♍47'50	1.44882 AU
	-2956 Oct 13 j 17:16	0°♎	
evening rise	-2956 Oct 26 j 09:35	20°♎00'32	
	-2956 Nov 01 j 16:46	0°♏	
evening max el	-2956 Nov 17 j 16:55	22°♏51'15	19°07'02
asc. node	-2956 Nov 23 j 18:12	26°♏45'58	
retrograde	-2956 Nov 24 j 16:26	26°♏50'49	
evening set	-2956 Nov 27 j 20:59	25°♏51'53	
inferior conj	-2956 Dec 03 j 14:45	20°♏00'42	2°57'06
minimum elong	-2956 Dec 03 j 11:41	20°♏10'21	2°56'11
min. Earth dist.	-2956 Dec 05 j 01:22	18°♏11'50	0.65684 AU
morning rise	-2956 Dec 09 j 01:28	13°♏49'26	
direct	-2956 Dec 15 j 11:33	11°♏02'30	
morning max el	-2956 Dec 28 j 06:35	18°♏32'18	26°27'42
desc. node	-2955 Jan 04 j 12:12	26°♏45'43	
	-2955 Jan 07 j 00:33	0°♐	
	-2955 Jan 26 j 14:02	0°♑	
morning set	-2955 Feb 02 j 07:07	12°♑08'30	
max. Earth dist.	-2955 Feb 06 j 12:16	20°♑16'08	1.35015 AU
superior conj	-2955 Feb 11 j 01:55	29°♑28'49	-1°-20'-4
minimum elong	-2955 Feb 11 j 05:08	29°♑45'18	1°19'42
	-2955 Feb 11 j 07:59	0°♒	
evening rise	-2955 Feb 18 j 18:28	15°♒27'05	
asc. node	-2955 Feb 19 j 17:28	17°♒25'02	
	-2955 Feb 26 j 05:56	0°♓	
evening max el	-2955 Mar 09 j 18:15	16°♓00'41	20°48'09
retrograde	-2955 Mar 21 j 00:35	21°♓23'30	
evening set	-2955 Mar 23 j 08:20	21°♓10'40	
inferior conj	-2955 Apr 01 j 11:47	17°♓13'12	0°16'21
minimum elong	-2955 Apr 01 j 12:32	17°♓12'07	0°16'04
desc. node	-2955 Apr 02 j 11:11	16°♓39'37	
min. Earth dist.	-2955 Apr 02 j 13:38	16°♓36'06	0.55215 AU
morning rise	-2955 Apr 10 j 15:20	13°♓01'12	
direct	-2955 Apr 13 j 23:04	12°♓37'11	
morning max el	-2955 Apr 27 j 03:04	19°♓00'21	22°50'47
	-2955 May 06 j 03:27	0°♈	
asc. node	-2955 May 18 j 16:58	22°♈41'25	
morning set	-2955 May 19 j 13:40	24°♈28'51	
	-2955 May 22 j 04:24	0°♉	
superior conj	-2955 May 26 j 18:53	9°♉49'45	1°15'26
minimum elong	-2955 May 26 j 16:16	9°♉35'55	1°15'07
max. Earth dist.	-2955 May 29 j 11:05	15°♉28'00	1.34056 AU
evening rise	-2955 Jun 03 j 13:51	25°♉51'23	
	-2955 Jun 05 j 17:02	0°♊	
	-2955 Jun 23 j 14:17	0°♋	
desc. node	-2955 Jun 29 j 10:14	7°♋55'50	
evening max el	-2955 Jul 07 j 21:20	17°♋28'20	27°16'43
retrograde	-2955 Jul 21 j 08:17	24°♋50'47	
evening set	-2955 Jul 28 j 09:07	22°♋05'18	
min. Earth dist.	-2955 Aug 01 j 02:50	18°♋32'37	0.64582 AU
inferior conj	-2955 Aug 03 j 08:44	16°♋04'39	-3°-19'-59
minimum elong	-2955 Aug 03 j 12:45	15°♋53'36	3°18'50
morning rise	-2955 Aug 09 j 17:58	10°♋34'02	
direct	-2955 Aug 12 j 10:29	9°♋56'07	
asc. node	-2955 Aug 14 j 16:15	10°♋22'25	
morning max el	-2955 Aug 18 j 22:53	13°♋25'30	18°06'13
	-2955 Aug 30 j 12:19	0°♌	
morning set	-2955 Sep 05 j 19:19	10°♌34'20	
	-2955 Sep 17 j 12:48	0°♍	
superior conj	-2955 Sep 19 j 11:13	3°♍07'23	0°37'34
minimum elong	-2955 Sep 19 j 15:27	3°♍24'23	0°37'04
max. Earth dist.	-2955 Sep 23 j 19:01	10°♍01'56	1.44486 AU
desc. node	-2955 Sep 25 j 09:44	12°♍35'06	
evening rise	-2955 Oct 06 j 00:47	29°♍10'30	
	-2955 Oct 06 j 13:35	0°♎	
greatest brilliancy	-2955 Oct 24 j 17:02	27°♎16'35	-0.6m
	-2955 Oct 26 j 16:52	0°♏	
evening max el	-2955 Oct 31 j 22:48	6°♏18'33	19°59'46
retrograde	-2955 Nov 08 j 13:32	10°♏45'50	
asc. node	-2955 Nov 10 j 15:17	10°♏20'59	
evening set	-2955 Nov 12 j 02:25	9°♏32'56	
inferior conj	-2955 Nov 17 j 15:36	3°♏28'55	2°14'49
minimum elong	-2955 Nov 17 j 12:54	3°♏37'53	2°13'49
min. Earth dist.	-2955 Nov 18 j 13:13	2°♏17'08	0.66615 AU
	-2955 Nov 20 j 08:11	30°℞♎	
morning rise	-2955 Nov 22 j 22:46	27°♎13'43	
direct	-2955 Nov 28 j 18:48	24°♎40'45	
	-2955 Dec 08 j 20:28	0°♏	
morning max el	-2955 Dec 10 j 15:20	1°♏43'08	25°14'05
desc. node	-2955 Dec 22 j 09:15	15°♏53'43	
	-2954 Jan 01 j 02:40	0°♐	
morning set	-2954 Jan 15 j 19:53	24°♐28'14	
	-2954 Jan 18 j 20:34	0°♑	
max. Earth dist.	-2954 Jan 19 j 14:15	1°♑22'18	1.36701 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-2954 Jan 25 j 16:26	13°♑05'54	-1°-39'-26
minimum elong	-2954 Jan 25 j 19:40	13°♑21'49	1°39'13
evening rise	-2954 Feb 02 j 22:21	29°♑42'10	
	-2954 Feb 03 j 01:54	0°♒	
asc. node	-2954 Feb 06 j 14:30	6°♒58'16	
evening max el	-2954 Feb 20 j 06:54	27°♒42'11	19°38'36
	-2954 Feb 23 j 02:34	0°♓	
retrograde	-2954 Mar 01 j 20:16	2°♓14'58	
evening set	-2954 Mar 04 j 02:50	2°♓00'42	
	-2954 Mar 09 j 05:31	30°℞♒	
inferior conj	-2954 Mar 12 j 15:25	27°♒56'48	2°02'42
minimum elong	-2954 Mar 12 j 19:55	27°♒49'39	2°01'18
min. Earth dist.	-2954 Mar 15 j 04:04	26°♒20'59	0.56092 AU
desc. node	-2954 Mar 20 j 08:17	23°♒39'07	
morning rise	-2954 Mar 21 j 09:32	23°♒16'38	
direct	-2954 Mar 25 j 18:58	22°♒33'21	
morning max el	-2954 Apr 08 j 18:40	29°♒36'11	24°30'18
	-2954 Apr 09 j 04:31	0°♓	
	-2954 Apr 29 j 09:22	0°♈	
morning set	-2954 May 04 j 01:47	9°♈30'05	
asc. node	-2954 May 05 j 13:59	12°♈41'39	
superior conj	-2954 May 11 j 03:32	24°♈43'08	0°55'17
minimum elong	-2954 May 11 j 01:21	24°♈31'20	0°54'55
max. Earth dist.	-2954 May 12 j 16:49	28°♈04'19	1.33193 AU
	-2954 May 13 j 14:24	0°♉	
evening rise	-2954 May 18 j 12:09	10°♉14'29	
	-2954 May 29 j 00:53	0°♊	
desc. node	-2954 Jun 16 j 07:18	26°♊15'07	
	-2954 Jun 19 j 20:38	0°♋	
evening max el	-2954 Jun 20 j 07:01	0°♋25'04	27°24'20
retrograde	-2954 Jul 04 j 01:19	7°♋47'01	
evening set	-2954 Jul 11 j 05:17	5°♋13'41	
min. Earth dist.	-2954 Jul 14 j 19:24	2°♋12'08	0.62957 AU
	-2954 Jul 17 j 01:13	30°℞♊	
inferior conj	-2954 Jul 17 j 14:47	29°♊26'18	-3°-57'-43
minimum elong	-2954 Jul 17 j 18:27	29°♊17'16	3°56'59
morning rise	-2954 Jul 24 j 09:48	24°♊14'28	
direct	-2954 Jul 26 j 22:58	23°♊43'58	
asc. node	-2954 Aug 01 j 13:19	26°♊11'38	
morning max el	-2954 Aug 02 j 13:55	27°♊08'19	17°55'32
	-2954 Aug 05 j 02:33	0°♋	
morning set	-2954 Aug 19 j 01:39	22°♋46'18	
	-2954 Aug 23 j 04:11	0°♌	
superior conj	-2954 Aug 30 j 19:00	13°♌03'58	1°14'48
minimum elong	-2954 Aug 31 j 00:33	13°♌27'11	1°14'17
max. Earth dist.	-2954 Sep 06 j 10:02	23°♌58'51	1.43417 AU
	-2954 Sep 10 j 04:13	0°♍	
desc. node	-2954 Sep 12 j 06:43	3°♍19'21	
evening rise	-2954 Sep 15 j 05:33	7°♍55'55	
	-2954 Sep 29 j 21:00	0°♎	
greatest brilliancy	-2954 Oct 09 j 12:49	13°♎24'31	-0.5m
evening max el	-2954 Oct 14 j 22:51	19°♎45'09	21°05'53
retrograde	-2954 Oct 23 j 10:34	24°♎46'55	
evening set	-2954 Oct 27 j 10:01	23°♎17'29	
asc. node	-2954 Oct 28 j 12:22	22°♎21'05	
inferior conj	-2954 Nov 01 j 20:13	17°♎03'57	1°26'54
minimum elong	-2954 Nov 01 j 18:19	17°♎10'28	1°26'08
min. Earth dist.	-2954 Nov 02 j 06:18	16°♎29'27	0.67199 AU
morning rise	-2954 Nov 07 j 02:16	10°♎47'17	
direct	-2954 Nov 12 j 06:51	8°♎34'20	
morning max el	-2954 Nov 23 j 00:05	14°♎57'47	23°49'23
	-2954 Dec 05 j 06:59	0°♏	
desc. node	-2954 Dec 09 j 06:16	5°♏34'49	
	-2954 Dec 25 j 01:35	0°♐	
morning set	-2954 Dec 28 j 09:32	5°♐35'47	

max. Earth dist.	-2953 Jan 01 j 10:16	12°♐35'54	1.38702 AU
superior conj	-2953 Jan 08 j 18:12	26°♐00'43	-1°-52'-42
minimum elong	-2953 Jan 08 j 20:17	26°♐10'35	1°52'43
	-2953 Jan 10 j 20:30	0°♑	
evening rise	-2953 Jan 17 j 19:11	13°♑30'41	
asc. node	-2953 Jan 24 j 11:32	26°♑07'46	
	-2953 Jan 26 j 17:41	0°♒	
evening max el	-2953 Feb 03 j 05:25	9°♒58'32	18°48'20
retrograde	-2953 Feb 11 j 08:48	13°♒54'27	
evening set	-2953 Feb 13 j 18:14	13°♒35'24	
inferior conj	-2953 Feb 21 j 13:24	9°♒14'05	3°15'41
minimum elong	-2953 Feb 21 j 17:43	9°♒06'07	3°14'45
min. Earth dist.	-2953 Feb 24 j 20:10	6°♒50'18	0.57674 AU
morning rise	-2953 Mar 01 j 13:23	4°♒04'04	
direct	-2953 Mar 07 j 03:29	2°♒48'12	
desc. node	-2953 Mar 07 j 05:22	2°♒48'13	
morning max el	-2953 Mar 21 j 10:11	10°♒14'45	26°00'56
	-2953 Apr 05 j 11:37	0°♓	
morning set	-2953 Apr 18 j 13:32	24°♓31'01	
	-2953 Apr 21 j 03:24	0°♈	
asc. node	-2953 Apr 22 j 10:59	2°♈50'51	
superior conj	-2953 Apr 25 j 14:37	9°♈43'47	0°32'33
minimum elong	-2953 Apr 25 j 13:14	9°♈36'10	0°32'16
max. Earth dist.	-2953 Apr 26 j 04:18	10°♈58'28	1.32680 AU
evening rise	-2953 May 02 j 17:07	24°♈57'41	
	-2953 May 05 j 04:29	0°♉	
	-2953 May 22 j 18:40	0°♊	
evening max el	-2953 Jun 02 j 12:14	12°♊45'57	26°59'19
desc. node	-2953 Jun 03 j 04:20	13°♊23'42	
retrograde	-2953 Jun 16 j 11:21	20°♊05'46	
evening set	-2953 Jun 23 j 08:38	17°♊58'18	
min. Earth dist.	-2953 Jun 27 j 01:47	15°♊15'39	0.61039 AU
inferior conj	-2953 Jun 30 j 07:51	12°♊26'51	-4°-21'-34
minimum elong	-2953 Jun 30 j 09:46	12°♊22'41	4°21'21
morning rise	-2953 Jul 07 j 13:52	7°♊36'36	
direct	-2953 Jul 10 j 01:37	7°♊11'33	
morning max el	-2953 Jul 17 j 03:05	10°♊40'27	18°03'38
asc. node	-2953 Jul 19 j 10:22	13°♊12'24	
	-2953 Jul 29 j 21:45	0°♋	
morning set	-2953 Aug 02 j 01:54	5°♋50'21	
superior conj	-2953 Aug 12 j 06:18	24°♋22'42	1°37'48
minimum elong	-2953 Aug 12 j 09:58	24°♋38'57	1°37'37
	-2953 Aug 15 j 11:35	0°♌	
max. Earth dist.	-2953 Aug 19 j 19:38	7°♌21'12	1.41820 AU
evening rise	-2953 Aug 25 j 19:18	17°♌07'48	
desc. node	-2953 Aug 30 j 03:42	23°♌59'15	
	-2953 Sep 03 j 01:41	0°♍	
greatest brilliancy	-2953 Sep 22 j 23:08	27°♍51'12	-0.3m
	-2953 Sep 24 j 18:32	0°♎	
evening max el	-2953 Sep 27 j 16:47	3°♎11'00	22°21'47
retrograde	-2953 Oct 07 j 05:54	8°♎51'27	
evening set	-2953 Oct 11 j 17:55	7°♎03'30	
asc. node	-2953 Oct 15 j 09:27	3°♎04'13	
inferior conj	-2953 Oct 17 j 02:41	0°♎43'59	0°35'19
minimum elong	-2953 Oct 17 j 01:52	0°♎46'48	0°34'59
min. Earth dist.	-2953 Oct 17 j 02:13	0°♎45'36	0.67462 AU
	-2953 Oct 17 j 15:26	30°℞♍	
morning rise	-2953 Oct 22 j 09:42	24°♍28'28	
direct	-2953 Oct 26 j 23:09	22°♍37'35	
morning max el	-2953 Nov 05 j 11:38	28°♍16'54	22°22'57
	-2953 Nov 07 j 02:37	0°♎	
greatest brilliancy	-2953 Nov 10 j 04:03	3°♎33'32	-0.3m
desc. node	-2953 Nov 26 j 03:17	25°♎39'26	
	-2953 Nov 29 j 00:29	0°♏	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-2953 Dec 08 j 18:53	15°♏19'45		
max. Earth dist.	-2953 Dec 14 j 07:50	24°♏29'37	1.40777 AU	
	-2953 Dec 17 j 13:10	0°♐		
superior conj	-2953 Dec 22 j 02:14	8°♐00'14	-1°-56'-36	
minimum elong	-2953 Dec 22 j 01:37	7°♐57'29	1°56'43	
evening rise	-2952 Jan 01 j 05:55	26°♐45'01		
	-2952 Jan 02 j 23:33	0°♑		
asc. node	-2952 Jan 11 j 08:35	14°♑45'22		
evening max el	-2952 Jan 17 j 11:28	22°♑42'47	18°18'10	
retrograde	-2952 Jan 24 j 15:49	26°♑17'19		
evening set	-2952 Jan 27 j 04:26	25°♑51'49		
inferior conj	-2952 Feb 03 j 07:59	21°♑09'17	3°52'13	
minimum elong	-2952 Feb 03 j 09:53	21°♑05'14	3°51'59	
min. Earth dist.	-2952 Feb 06 j 16:42	18°♑17'39	0.59641 AU	
morning rise	-2952 Feb 10 j 12:04	15°♑36'05		
direct	-2952 Feb 17 j 00:30	13°♑41'21		
desc. node	-2952 Feb 22 j 02:27	14°♑46'54		
morning max el	-2952 Mar 02 j 06:35	21°♑20'55	27°07'48	
	-2952 Mar 09 j 20:00	0°♒		
	-2952 Mar 28 j 06:55	0°♓		
morning set	-2952 Apr 01 j 23:06	9°♓23'56		
asc. node	-2952 Apr 08 j 07:59	23°♓03'38		
max. Earth dist.	-2952 Apr 08 j 17:37	23°♓56'22	1.32507 AU	
superior conj	-2952 Apr 09 j 02:22	24°♓44'14	0°08'03	
minimum elong	-2952 Apr 09 j 02:00	24°♓42'15	0°07'57	
behind sun begin	-2952 Apr 08 j 21:39	24°♓18'25		
behind sun end	-2952 Apr 09 j 06:21	25°♓06'05		
	-2952 Apr 11 j 12:04	0°♈		
evening rise	-2952 Apr 16 j 02:14	9°♈51'17		
	-2952 Apr 26 j 13:22	0°♉		
evening max el	-2952 May 14 j 11:03	24°♉23'12	26°02'37	
desc. node	-2952 May 20 j 01:23	28°♉51'41		
	-2952 May 22 j 01:45	0°♊		
retrograde	-2952 May 28 j 13:02	1°♊39'13		
evening set	-2952 Jun 03 j 15:08	0°♊08'29		
	-2952 Jun 03 j 21:59	30°℞♉		
min. Earth dist.	-2952 Jun 07 j 23:41	27°♉27'20	0.58988 AU	
inferior conj	-2952 Jun 11 j 08:14	24°♉56'09	-4°-23'-18	
minimum elong	-2952 Jun 11 j 06:51	24°♉58'47	4°23'10	
morning rise	-2952 Jun 19 j 02:23	20°♉28'23		
direct	-2952 Jun 21 j 13:51	20°♉07'37		
morning max el	-2952 Jun 29 j 11:26	23°♉52'55	18°31'29	
	-2952 Jul 04 j 12:47	0°♊		
asc. node	-2952 Jul 05 j 07:24	1°♊09'01		
morning set	-2952 Jul 15 j 15:13	19°♊33'37		
	-2952 Jul 21 j 01:27	0°♋		
superior conj	-2952 Jul 24 j 16:38	6°♋50'56	1°47'49	
minimum elong	-2952 Jul 24 j 17:44	6°♋56'04	1°47'52	
max. Earth dist.	-2952 Jul 31 j 23:23	19°♋58'24	1.39911 AU	
evening rise	-2952 Aug 05 j 08:03	27°♋25'31		
	-2952 Aug 06 j 21:13	0°♌		
desc. node	-2952 Aug 16 j 00:40	14°♌30'53		
	-2952 Aug 26 j 16:08	0°♍		
evening max el	-2952 Sep 09 j 06:01	16°♍38'25	23°42'20	
retrograde	-2952 Sep 19 j 22:14	22°♍56'39		
evening set	-2952 Sep 25 j 00:25	20°♍49'27		
inferior conj	-2952 Sep 30 j 09:17	14°♍27'43	0°-18'-15	
minimum elong	-2952 Sep 30 j 09:43	14°♍26'15	0°18'03	
min. Earth dist.	-2952 Sep 29 j 22:36	15°♍04'10	0.67421 AU	
asc. node	-2952 Oct 01 j 06:32	13°♍15'37		
morning rise	-2952 Oct 05 j 19:08	8°♍16'14		
direct	-2952 Oct 09 j 18:52	6°♍46'32		
morning max el	-2952 Oct 18 j 04:58	11°♍43'25	21°02'32	
greatest brilliancy	-2952 Oct 23 j 19:47	18°♍17'44	-0.5m	
	-2952 Nov 01 j 06:59	0°♎		
desc. node	-2952 Nov 12 j 00:16	16°♎00'51		
morning set	-2952 Nov 17 j 02:02	23°♎51'51		
	-2952 Nov 20 j 23:22	0°♏		
max. Earth dist.	-2952 Nov 25 j 11:42	7°♏16'10	1.42637 AU	
superior conj	-2952 Dec 02 j 10:59	18°♏51'26	-1°-47'-12	
minimum elong	-2952 Dec 02 j 06:24	18°♏32'00	1°47'01	
	-2952 Dec 08 j 21:33	0°♐		
evening rise	-2952 Dec 14 j 02:49	9°♐17'22		
	-2952 Dec 26 j 06:51	0°♑		
asc. node	-2952 Dec 28 j 05:38	2°♑41'28		
evening max el	-2952 Dec 30 j 22:18	5°♑47'35	18°07'53	
retrograde	-2951 Jan 06 j 14:14	9°♑14'43		
evening set	-2951 Jan 09 j 06:02	8°♑41'40		
inferior conj	-2951 Jan 15 j 20:53	3°♑37'32	3°59'30	
minimum elong	-2951 Jan 15 j 20:15	3°♑39'05	3°59'24	
min. Earth dist.	-2951 Jan 18 j 20:38	0°♑42'16	0.61664 AU	
	-2951 Jan 19 j 14:59	30°℞♐		
morning rise	-2951 Jan 22 j 08:06	27°♐48'44		
direct	-2951 Jan 29 j 07:55	25°♐20'59		
desc. node	-2951 Feb 07 j 23:32	29°♐16'36		
	-2951 Feb 08 j 21:51	0°♑		
morning max el	-2951 Feb 12 j 09:07	3°♑06'39	27°40'54	
	-2951 Mar 04 j 06:18	0°♒		
morning set	-2951 Mar 17 j 04:33	24°♒01'52		
	-2951 Mar 20 j 01:26	0°♓		
max. Earth dist.	-2951 Mar 23 j 05:00	6°♓44'26	1.32691 AU	
superior conj	-2951 Mar 24 j 13:08	9°♓38'50	0°-17'-22	
minimum elong	-2951 Mar 24 j 13:56	9°♓43'09	0°17'15	
asc. node	-2951 Mar 26 j 05:01	13°♓16'02		
evening rise	-2951 Mar 31 j 13:32	24°♓48'20		
	-2951 Apr 03 j 01:40	0°♈		
	-2951 Apr 21 j 06:11	0°♉		
evening max el	-2951 Apr 26 j 04:18	5°♉22'35	24°41'10	
desc. node	-2951 May 06 j 22:27	12°♉02'55		
retrograde	-2951 May 10 j 03:56	12°♉27'01		
evening set	-2951 May 14 j 23:50	11°♉34'07		
min. Earth dist.	-2951 May 20 j 16:21	8°♉38'08	0.57095 AU	
inferior conj	-2951 May 23 j 13:02	6°♉46'02	-3°-52'-9	
minimum elong	-2951 May 23 j 07:57	6°♉54'24	3°51'14	
morning rise	-2951 May 31 j 20:07	2°♉37'53		
direct	-2951 Jun 03 j 08:04	2°♉20'19		
morning max el	-2951 Jun 12 j 12:02	6°♉36'14	19°19'49	
asc. node	-2951 Jun 22 j 04:27	19°♉48'40		
	-2951 Jun 27 j 15:56	0°♊		
morning set	-2951 Jun 29 j 13:55	3°♊46'53		
superior conj	-2951 Jul 07 j 20:17	20°♊12'27	1°47'30	
minimum elong	-2951 Jul 07 j 19:20	20°♊07'50	1°47'34	
	-2951 Jul 12 j 23:36	0°♋		
max. Earth dist.	-2951 Jul 14 j 01:17	1°♋58'42	1.37957 AU	
evening rise	-2951 Jul 17 j 22:39	8°♋58'54		
	-2951 Jul 30 j 16:59	0°♌		
desc. node	-2951 Aug 02 j 21:39	4°♌49'25		
evening max el	-2951 Aug 22 j 17:10	0°♍09'30	25°00'38	
	-2951 Aug 22 j 13:20	0°♍		
retrograde	-2951 Sep 03 j 10:28	6°♍58'19		
evening set	-2951 Sep 09 j 03:43	4°♍33'02		
	-2951 Sep 13 j 05:40	30°℞♌		
min. Earth dist.	-2951 Sep 13 j 16:57	29°♌23'08	0.67077 AU	
inferior conj	-2951 Sep 14 j 14:15	28°♌12'52	-1°-12'-14	
minimum elong	-2951 Sep 14 j 15:58	28°♌07'11	1°11'29	
asc. node	-2951 Sep 18 j 03:38	23°♌53'46		
morning rise	-2951 Sep 20 j 04:39	22°♌08'35		
direct	-2951 Sep 23 j 16:43	20°♌57'33		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-2951 Oct 01 j 05:34	25°♌18'28	19°53'25
	-2951 Oct 05 j 06:40	0°♍	
greatest brilliancy	-2951 Oct 08 j 22:35	4°♍55'15	-0.6m
	-2951 Oct 25 j 15:48	0°♎	
morning set	-2951 Oct 26 j 23:41	2°♎03'23	
desc. node	-2951 Oct 29 j 21:14	6°♎33'26	
max. Earth dist.	-2951 Nov 07 j 22:53	20°♎49'48	1.44035 AU
superior conj	-2951 Nov 12 j 16:21	28°♎25'26	-1°-21'-2
minimum elong	-2951 Nov 12 j 09:01	27°♎55'46	1°20'21
	-2951 Nov 13 j 15:39	0°♏	
evening rise	-2951 Nov 26 j 05:21	20°♏57'54	
	-2951 Dec 01 j 12:37	0°♐	
evening max el	-2951 Dec 14 j 10:56	19°♐04'28	18°16'46
asc. node	-2951 Dec 15 j 02:43	19°♐42'57	
retrograde	-2951 Dec 20 j 23:38	22°♐36'16	
evening set	-2951 Dec 23 j 19:18	21°♐54'23	
inferior conj	-2951 Dec 30 j 00:09	16°♐29'53	3°45'56
minimum elong	-2951 Dec 29 j 21:52	16°♐36'12	3°45'31
min. Earth dist.	-2950 Jan 01 j 09:50	13°♐51'32	0.63493 AU
morning rise	-2950 Jan 04 j 22:49	10°♐30'18	
direct	-2950 Jan 11 j 23:12	7°♐43'37	
morning max el	-2950 Jan 25 j 16:19	15°♐29'22	27°37'38
desc. node	-2950 Jan 25 j 20:37	15°♐40'03	
	-2950 Feb 06 j 15:13	0°♑	
	-2950 Feb 24 j 21:05	0°♒	
morning set	-2950 Mar 01 j 03:27	8°♒16'10	
max. Earth dist.	-2950 Mar 06 j 10:38	19°♒09'41	1.33257 AU
superior conj	-2950 Mar 08 j 21:11	24°♒21'07	0°-42'-48
minimum elong	-2950 Mar 08 j 23:07	24°♒31'27	0°42'29
	-2950 Mar 11 j 12:12	0°♓	
asc. node	-2950 Mar 13 j 02:03	3°♓23'42	
evening rise	-2950 Mar 16 j 01:10	9°♓42'06	
	-2950 Mar 26 j 16:21	0°♈	
evening max el	-2950 Apr 07 j 20:13	16°♈04'01	23°07'31
retrograde	-2950 Apr 21 j 05:49	22°♈41'16	
desc. node	-2950 Apr 23 j 19:32	22°♈26'41	
evening set	-2950 Apr 24 j 17:34	22°♈14'40	
min. Earth dist.	-2950 May 02 j 06:31	18°♈52'11	0.55707 AU
inferior conj	-2950 May 03 j 22:25	17°♈53'57	-2°-39'-45
minimum elong	-2950 May 03 j 16:18	18°♈02'54	2°38'00
morning rise	-2950 May 12 j 18:01	13°♈57'10	
direct	-2950 May 15 j 08:09	13°♈40'59	
morning max el	-2950 May 26 j 02:32	18°♈41'26	20°28'34
	-2950 Jun 03 j 22:33	0°♉	
asc. node	-2950 Jun 09 j 01:30	9°♉01'01	
morning set	-2950 Jun 13 j 19:09	18°♉22'39	
	-2950 Jun 19 j 10:44	0°♊	
superior conj	-2950 Jun 21 j 12:23	4°♊13'33	1°39'24
minimum elong	-2950 Jun 21 j 10:13	4°♊02'33	1°39'19
max. Earth dist.	-2950 Jun 26 j 07:48	13°♊47'08	1.36181 AU
evening rise	-2950 Jun 30 j 11:14	21°♊38'31	
	-2950 Jul 05 j 02:44	0°♋	
desc. node	-2950 Jul 20 j 18:40	24°♋48'49	
	-2950 Jul 24 j 12:43	0°♌	
evening max el	-2950 Aug 05 j 04:23	13°♌43'12	26°08'44
retrograde	-2950 Aug 17 j 17:58	20°♌52'11	
evening set	-2950 Aug 24 j 01:51	18°♌12'36	
min. Earth dist.	-2950 Aug 28 j 06:48	13°♌40'35	0.66405 AU
inferior conj	-2950 Aug 29 j 15:48	11°♌57'35	-2°-4'-52
minimum elong	-2950 Aug 29 j 18:43	11°♌48'29	2°03'44
morning rise	-2950 Sep 04 j 12:22	6°♌03'52	
asc. node	-2950 Sep 05 j 00:42	5°♌47'03	
direct	-2950 Sep 07 j 15:03	5°♌08'17	
morning max el	-2950 Sep 14 j 13:04	9°♌02'00	18°58'50
	-2950 Sep 29 j 11:28	0°♍	
morning set	-2950 Oct 06 j 11:52	11°♍03'29	
desc. node	-2950 Oct 16 j 18:14	27°♍13'46	
	-2950 Oct 18 j 12:30	0°♎	
max. Earth dist.	-2950 Oct 21 j 15:39	4°♎55'55	1.44789 AU
superior conj	-2950 Oct 22 j 22:27	6°♎57'24	0°-38'-49
minimum elong	-2950 Oct 22 j 17:31	6°♎37'54	0°38'13
	-2950 Nov 06 j 08:40	0°♏	
evening rise	-2950 Nov 07 j 09:14	1°♏39'35	
	-2950 Nov 25 j 18:33	0°♐	
evening max el	-2950 Nov 27 j 22:42	2°♐28'01	18°43'46
asc. node	-2950 Dec 01 j 23:48	5°♐35'29	
retrograde	-2950 Dec 04 j 16:07	6°♐14'44	
evening set	-2950 Dec 07 j 16:58	5°♐22'28	
	-2950 Dec 13 j 07:33	30°℞♏	
inferior conj	-2950 Dec 13 j 14:11	29°♏39'58	3°17'56
minimum elong	-2950 Dec 13 j 11:10	29°♏49'03	3°17'10
min. Earth dist.	-2950 Dec 15 j 08:49	27°♏31'23	0.64991 AU
morning rise	-2950 Dec 19 j 04:17	23°♏32'22	
direct	-2950 Dec 25 j 21:06	20°♏42'05	
morning max el	-2949 Jan 08 j 01:49	28°♏20'19	27°01'10
	-2949 Jan 09 j 16:30	0°♐	
desc. node	-2949 Jan 12 j 17:41	3°♐25'13	
	-2949 Jan 31 j 09:20	0°♑	
morning set	-2949 Feb 12 j 16:38	21°♑56'39	
	-2949 Feb 16 j 18:35	0°♒	
max. Earth dist.	-2949 Feb 17 j 06:54	1°♒02'22	1.34245 AU
superior conj	-2949 Feb 21 j 00:29	8°♒44'19	-1°-7'-8
minimum elong	-2949 Feb 21 j 03:21	8°♒59'18	1°06'44
asc. node	-2949 Feb 27 j 23:06	23°♒22'09	
evening rise	-2949 Feb 28 j 11:22	24°♒26'06	
	-2949 Mar 03 j 04:37	0°♓	
evening max el	-2949 Mar 20 j 16:55	26°♓54'13	21°35'42
	-2949 Mar 24 j 12:23	0°♈	
retrograde	-2949 Apr 01 j 21:12	2°♈47'20	
evening set	-2949 Apr 04 j 11:03	2°♈32'20	
desc. node	-2949 Apr 10 j 16:39	0°♈12'14	
	-2949 Apr 11 j 02:02	30°℞♓	
inferior conj	-2949 Apr 13 j 18:58	28°♓30'46	0°-51'-51
minimum elong	-2949 Apr 13 j 16:33	28°♓34'10	0°51'01
min. Earth dist.	-2949 Apr 13 j 20:04	28°♓29'12	0.55123 AU
morning rise	-2949 Apr 22 j 22:31	24°♓30'11	
direct	-2949 Apr 25 j 20:41	24°♓11'24	
	-2949 May 08 j 04:13	0°♈	
morning max el	-2949 May 08 j 06:06	0°♈04'23	21°55'17
asc. node	-2949 May 26 j 22:32	28°♈37'10	
	-2949 May 27 j 14:54	0°♉	
morning set	-2949 May 29 j 04:32	3°♉13'16	
superior conj	-2949 Jun 05 j 13:05	18°♉41'59	1°25'30
minimum elong	-2949 Jun 05 j 10:27	18°♉28'14	1°25'14
max. Earth dist.	-2949 Jun 08 j 23:06	25°♉46'11	1.34724 AU
	-2949 Jun 11 j 01:28	0°♊	
evening rise	-2949 Jun 13 j 16:22	5°♊08'31	
	-2949 Jun 27 j 20:28	0°♋	
desc. node	-2949 Jul 07 j 15:43	14°♋19'44	
evening max el	-2949 Jul 18 j 15:53	27°♋11'00	26°58'48
	-2949 Jul 21 j 19:54	0°♌	
retrograde	-2949 Jul 31 j 20:16	4°♌30'42	
evening set	-2949 Aug 07 j 16:24	1°♌44'04	
	-2949 Aug 09 j 13:49	30°℞♋	
min. Earth dist.	-2949 Aug 11 j 13:44	27°♋50'41	0.65364 AU
inferior conj	-2949 Aug 13 j 11:48	25°♋37'28	-2°-54'-9
minimum elong	-2949 Aug 13 j 15:35	25°♋26'30	2°52'55
morning rise	-2949 Aug 19 j 16:03	19°♋57'41	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-2949 Aug 22 j 11:37	19°♋14'14	
asc. node	-2949 Aug 22 j 21:47	19°♋15'13	
morning max el	-2949 Aug 29 j 01:33	22°♋49'47	18°20'30
	-2949 Sep 03 j 17:53	0°♌	
morning set	-2949 Sep 17 j 02:53	21°♌23'00	
	-2949 Sep 22 j 09:32	0°♍	
superior conj	-2949 Oct 01 j 22:51	15°♍18'33	0°10'47
minimum elong	-2949 Oct 02 j 00:14	15°♍24'01	0°10'37
behind sun begin	-2949 Oct 01 j 15:42	14°♍50'10	
behind sun end	-2949 Oct 02 j 08:46	15°♍57'50	
desc. node	-2949 Oct 03 j 15:14	17°♍58'14	
max. Earth dist.	-2949 Oct 04 j 10:15	19°♍13'16	1.44807 AU
	-2949 Oct 11 j 06:54	0°♎	
evening rise	-2949 Oct 18 j 12:39	11°♎19'58	
	-2949 Oct 30 j 13:10	0°♏	
greatest brilliancy	-2949 Nov 02 j 05:59	4°♏03'15	-0.7m
evening max el	-2949 Nov 11 j 07:12	15°♏54'20	19°27'37
retrograde	-2949 Nov 18 j 12:24	20°♏04'56	
asc. node	-2949 Nov 18 j 20:51	20°♏04'13	
evening set	-2949 Nov 21 j 20:15	19°♏00'14	
inferior conj	-2949 Nov 27 j 11:50	13°♏02'54	2°39'59
minimum elong	-2949 Nov 27 j 08:51	13°♏12'30	2°39'00
min. Earth dist.	-2949 Nov 28 j 16:37	11°♏29'54	0.66121 AU
morning rise	-2949 Dec 02 j 20:42	6°♏49'38	
direct	-2949 Dec 09 j 00:57	4°♏07'57	
morning max el	-2949 Dec 21 j 11:21	11°♏27'42	25°58'31
desc. node	-2949 Dec 30 j 14:45	22°♏08'15	
	-2948 Jan 05 j 08:36	0°♐	
	-2948 Jan 23 j 23:58	0°♑	
morning set	-2948 Jan 26 j 15:54	4°♑50'47	
max. Earth dist.	-2948 Jan 30 j 15:32	12°♑22'16	1.35679 AU
superior conj	-2948 Feb 04 j 20:33	22°♑40'52	-1°-28'-52
minimum elong	-2948 Feb 04 j 23:52	22°♑57'42	1°28'32
	-2948 Feb 08 j 10:26	0°♒	
evening rise	-2948 Feb 12 j 18:12	8°♒53'59	
asc. node	-2948 Feb 14 j 20:08	13°♒06'33	
	-2948 Feb 24 j 06:56	0°♓	
evening max el	-2948 Mar 01 j 23:13	8°♓14'34	20°16'21
retrograde	-2948 Mar 12 j 12:07	13°♓15'47	
evening set	-2948 Mar 14 j 18:17	13°♓02'57	
inferior conj	-2948 Mar 23 j 16:05	9°♓04'11	1°04'33
minimum elong	-2948 Mar 23 j 18:52	9°♓00'02	1°03'34
min. Earth dist.	-2948 Mar 25 j 10:13	8°♓01'41	0.55476 AU
desc. node	-2948 Mar 27 j 13:44	6°♓48'59	
morning rise	-2948 Apr 01 j 17:05	4°♓41'18	
direct	-2948 Apr 05 j 10:21	4°♓11'06	
morning max el	-2948 Apr 19 j 00:55	10°♓52'59	23°33'17
	-2948 May 03 j 05:29	0°♈	
morning set	-2948 May 12 j 16:09	18°♈12'39	
asc. node	-2948 May 12 j 19:35	18°♈30'38	
	-2948 May 18 j 04:38	0°♉	
superior conj	-2948 May 19 j 19:30	3°♉28'55	1°07'17
minimum elong	-2948 May 19 j 17:02	3°♉15'38	1°06'56
max. Earth dist.	-2948 May 21 j 23:55	8°♉08'12	1.33642 AU
evening rise	-2948 May 27 j 09:29	19°♉15'44	
	-2948 Jun 01 j 23:38	0°♊	
	-2948 Jun 21 j 00:27	0°♋	
desc. node	-2948 Jun 23 j 12:45	3°♋09'56	
evening max el	-2948 Jun 30 j 02:39	10°♋22'07	27°23'35
retrograde	-2948 Jul 13 j 17:06	17°♋45'17	
evening set	-2948 Jul 20 j 20:22	15°♋02'53	
min. Earth dist.	-2948 Jul 24 j 11:51	11°♋44'50	0.63940 AU
inferior conj	-2948 Jul 26 j 23:46	9°♋07'31	-3°-37'-18
minimum elong	-2948 Jul 27 j 03:47	8°♋56'57	3°36'17

morning rise	-2948 Aug 02 j 13:04	3°♋44'50	
direct	-2948 Aug 05 j 03:51	3°♋10'28	
asc. node	-2948 Aug 08 j 18:51	4°♋16'28	
morning max el	-2948 Aug 11 j 16:29	6°♋36'32	17°59'25
	-2948 Aug 27 j 02:57	0°♌	
morning set	-2948 Aug 28 j 20:18	2°♌57'58	
superior conj	-2948 Sep 10 j 15:33	24°♌30'43	0°55'03
minimum elong	-2948 Sep 10 j 20:53	24°♌52'30	0°54'27
	-2948 Sep 14 j 00:44	0°♍	
max. Earth dist.	-2948 Sep 16 j 03:00	3°♍21'30	1.44105 AU
desc. node	-2948 Sep 19 j 12:12	8°♍43'32	
evening rise	-2948 Sep 26 j 21:13	20°♍13'39	
	-2948 Oct 03 j 06:21	0°♎	
greatest brilliancy	-2948 Oct 18 j 02:23	21°♎39'59	-0.5m
evening max el	-2948 Oct 24 j 10:34	29°♎20'55	20°26'25
	-2948 Oct 25 j 02:08	0°♏	
retrograde	-2948 Nov 01 j 09:47	4°♏02'43	
asc. node	-2948 Nov 04 j 17:55	2°♏58'23	
evening set	-2948 Nov 05 j 02:49	2°♏43'10	
	-2948 Nov 07 j 22:40	30°℞♎	
inferior conj	-2948 Nov 10 j 14:32	26°♎34'30	1°55'03
minimum elong	-2948 Nov 10 j 12:08	26°♎42'36	1°54'07
min. Earth dist.	-2948 Nov 11 j 07:05	25°♎38'35	0.66898 AU
morning rise	-2948 Nov 15 j 20:55	20°♎18'05	
direct	-2948 Nov 21 j 10:18	17°♎53'12	
morning max el	-2948 Dec 02 j 19:59	24°♎40'59	24°38'49
	-2948 Dec 07 j 15:20	0°♏	
desc. node	-2948 Dec 16 j 11:46	11°♏31'40	
	-2948 Dec 28 j 20:05	0°♐	
morning set	-2947 Jan 07 j 19:36	16°♐41'51	
max. Earth dist.	-2947 Jan 11 j 13:54	23°♐26'15	1.37518 AU
	-2947 Jan 15 j 02:43	0°♑	
superior conj	-2947 Jan 18 j 06:06	6°♑00'54	-1°-45'-59
minimum elong	-2947 Jan 18 j 09:00	6°♑15'02	1°45'53
evening rise	-2947 Jan 26 j 19:22	22°♑58'16	
	-2947 Jan 30 j 09:25	0°♒	
asc. node	-2947 Jan 31 j 17:09	2°♒30'28	
evening max el	-2947 Feb 12 j 16:13	20°♒11'09	19°14'50
retrograde	-2947 Feb 21 j 14:11	24°♒26'31	
evening set	-2947 Feb 23 j 21:35	24°♒10'40	
inferior conj	-2947 Mar 04 j 02:46	20°♒00'29	2°38'16
minimum elong	-2947 Mar 04 j 07:37	19°♒52'17	2°36'57
min. Earth dist.	-2947 Mar 07 j 01:25	18°♒02'04	0.56688 AU
morning rise	-2947 Mar 12 j 13:45	15°♒06'42	
desc. node	-2947 Mar 14 j 10:50	14°♒32'25	
direct	-2947 Mar 17 j 11:31	14°♒10'54	
morning max el	-2947 Mar 31 j 15:49	21°♒26'36	25°10'53
	-2947 Apr 08 j 02:16	0°♓	
	-2947 Apr 25 j 14:56	0°♈	
morning set	-2947 Apr 27 j 04:17	3°♈14'12	
asc. node	-2947 Apr 29 j 16:36	8°♈35'15	
superior conj	-2947 May 04 j 05:25	18°♈26'12	0°45'55
minimum elong	-2947 May 04 j 03:32	18°♈15'57	0°45'35
max. Earth dist.	-2947 May 05 j 08:16	20°♈52'03	1.32926 AU
	-2947 May 09 j 14:52	0°♉	
evening rise	-2947 May 11 j 10:56	3°♉48'19	
	-2947 May 25 j 17:57	0°♊	
desc. node	-2947 Jun 10 j 09:47	21°♊02'23	
evening max el	-2947 Jun 12 j 10:38	23°♊04'50	27°17'46
	-2947 Jun 23 j 03:41	0°♋	
retrograde	-2947 Jun 26 j 07:39	0°♋26'48	
	-2947 Jun 29 j 09:20	30°℞♊	
evening set	-2947 Jul 03 j 09:58	28°♊02'46	
min. Earth dist.	-2947 Jul 07 j 00:11	25°♊11'01	0.62167 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-2947 Jul	10 j 00:45	22°♊21'29	-4°-10'00
minimum elong	-2947 Jul	10 j 03:52	22°♊14'10	4°09'29
morning rise	-2947 Jul	17 j 00:19	17°♊18'36	
direct	-2947 Jul	19 j 12:30	16°♊50'47	
morning max el	-2947 Jul	26 j 07:06	20°♊16'09	17°56'34
asc. node	-2947 Jul	26 j 15:55	20°♊38'13	
	-2947 Aug	02 j 13:10	0°♋	
morning set	-2947 Aug	11 j 10:57	15°♋34'05	
	-2947 Aug	19 j 13:14	0°♌	
superior conj	-2947 Aug	22 j 11:19	5°♌03'23	1°26'17
minimum elong	-2947 Aug	22 j 16:17	5°♌24'42	1°25'54
max. Earth dist.	-2947 Aug	29 j 15:23	17°♌03'51	1.42789 AU
evening rise	-2947 Sep	06 j 03:27	29°♌04'18	
desc. node	-2947 Sep	06 j 09:10	29°♌26'42	
	-2947 Sep	06 j 17:41	0°♍	
	-2947 Sep	26 j 23:44	0°♎	
greatest brilliancy	-2947 Oct	02 j 08:54	7°♎06'12	-0.4m
evening max el	-2947 Oct	07 j 07:59	12°♎47'36	21°37'17
retrograde	-2947 Oct	16 j 06:18	18°♎05'50	
evening set	-2947 Oct	20 j 10:45	16°♎28'57	
asc. node	-2947 Oct	22 j 14:58	14°♎22'36	
inferior conj	-2947 Oct	25 j 20:11	10°♎12'32	1°05'23
minimum elong	-2947 Oct	25 j 18:43	10°♎17'36	1°04'46
min. Earth dist.	-2947 Oct	26 j 01:46	9°♎53'16	0.67349 AU
morning rise	-2947 Oct	31 j 02:22	3°♎55'49	
direct	-2947 Nov	05 j 00:27	1°♎51'56	
morning max el	-2947 Nov	15 j 05:22	7°♎57'12	23°12'12
greatest brilliancy	-2947 Nov	20 j 08:43	13°♎44'16	-0.3m
	-2947 Dec	02 j 09:39	0°♏	
desc. node	-2947 Dec	03 j 08:46	1°♏24'07	
morning set	-2947 Dec	19 j 21:34	27°♏14'33	
	-2947 Dec	21 j 12:58	0°♐	
max. Earth dist.	-2947 Dec	24 j 09:08	4°♐51'35	1.39594 AU
superior conj	-2946 Jan	01 j 00:58	18°♐34'03	-1°-55'-44
minimum elong	-2946 Jan	01 j 02:06	18°♐39'20	1°55'49
	-2946 Jan	07 j 02:30	0°♑	
evening rise	-2946 Jan	10 j 12:17	6°♑32'54	
asc. node	-2946 Jan	18 j 14:10	21°♑27'18	
	-2946 Jan	24 j 08:05	0°♒	
evening max el	-2946 Jan	26 j 18:21	2°♒40'34	18°33'04
retrograde	-2946 Feb	03 j 10:21	6°♒25'01	
evening set	-2946 Feb	05 j 21:17	6°♒03'19	
inferior conj	-2946 Feb	13 j 09:30	1°♒33'30	3°35'16
minimum elong	-2946 Feb	13 j 12:55	1°♒26'47	3°34'41
	-2946 Feb	15 j 08:56	30°♑℞	
min. Earth dist.	-2946 Feb	16 j 19:02	28°♑54'48	0.58491 AU
morning rise	-2946 Feb	21 j 00:53	26°♑12'45	
direct	-2946 Feb	27 j 01:59	24°♑40'02	
desc. node	-2946 Mar	01 j 07:55	24°♑52'43	
	-2946 Mar	10 j 21:59	0°♒	
morning max el	-2946 Mar	13 j 08:43	2°♒13'11	26°32'59
	-2946 Apr	02 j 06:26	0°♓	
morning set	-2946 Apr	11 j 15:17	18°♓11'50	
asc. node	-2946 Apr	16 j 13:37	28°♓46'15	
	-2946 Apr	17 j 03:08	0°♈	
superior conj	-2946 Apr	18 j 16:58	3°♈27'08	0°22'19
minimum elong	-2946 Apr	18 j 15:59	3°♈21'47	0°22'06
max. Earth dist.	-2946 Apr	18 j 20:50	3°♈48'21	1.32563 AU
evening rise	-2946 Apr	25 j 17:55	18°♈36'43	
	-2946 May	01 j 10:40	0°♉	
	-2946 May	20 j 18:17	0°♊	
evening max el	-2946 May	25 j 13:28	5°♊08'05	26°39'00
desc. node	-2946 May	28 j 06:50	7°♊32'23	
retrograde	-2946 Jun	08 j 14:20	12°♊26'19	
evening set	-2946 Jun	15 j 04:50	10°♊34'01	
min. Earth dist.	-2946 Jun	19 j 02:54	7°♊53'56	0.60162 AU
inferior conj	-2946 Jun	22 j 11:11	5°♊10'10	-4°-25'-41
minimum elong	-2946 Jun	22 j 11:51	5°♊08'46	4°25'35
morning rise	-2946 Jun	29 j 22:10	0°♊29'11	
direct	-2946 Jul	02 j 09:40	0°♊06'04	
morning max el	-2946 Jul	09 j 18:30	3°♊40'42	18°12'58
asc. node	-2946 Jul	13 j 12:59	8°♊04'28	
morning set	-2946 Jul	25 j 17:20	28°♊56'36	
	-2946 Jul	26 j 06:48	0°♋	
superior conj	-2946 Aug	04 j 09:06	16°♋53'29	1°43'29
minimum elong	-2946 Aug	04 j 11:40	17°♋05'06	1°43'26
	-2946 Aug	11 j 20:33	0°♌	
max. Earth dist.	-2946 Aug	11 j 22:27	0°♌08'06	1.41034 AU
evening rise	-2946 Aug	17 j 02:01	8°♌41'49	
desc. node	-2946 Aug	24 j 06:08	20°♌03'50	
	-2946 Aug	30 j 20:22	0°♍	
greatest brilliancy	-2946 Sep	14 j 22:05	20°♍33'49	-0.3m
evening max el	-2946 Sep	19 j 23:50	26°♍14'40	22°55'54
	-2946 Sep	24 j 07:48	0°♎	
retrograde	-2946 Sep	30 j 00:21	2°♎11'02	
evening set	-2946 Oct	04 j 18:15	0°♎15'03	
	-2946 Oct	05 j 01:19	30°♏℞	
asc. node	-2946 Oct	09 j 12:04	24°♍45'30	
inferior conj	-2946 Oct	10 j 02:55	23°♍54'24	0°12'46
minimum elong	-2946 Oct	10 j 02:37	23°♍55'27	0°12'39
transit middle	-2946 Oct	10 j 02:37	23°♍55'27	0°12'39
transit begin	-2946 Oct	10 j 00:54	24°♍01'20	
transit end	-2946 Oct	10 j 04:19	23°♍49'33	
min. Earth dist.	-2946 Oct	09 j 22:10	24°♍10'46	0.67490 AU
morning rise	-2946 Oct	15 j 10:55	17°♍40'17	
direct	-2946 Oct	19 j 18:26	15°♍58'27	
morning max el	-2946 Oct	28 j 18:55	21°♍18'34	21°47'32
greatest brilliancy	-2946 Nov	02 j 16:58	26°♍55'13	-0.4m
	-2946 Nov	05 j 02:47	0°♎	
desc. node	-2946 Nov	20 j 05:46	21°♎36'40	
	-2946 Nov	25 j 17:07	0°♏	
morning set	-2946 Nov	29 j 18:38	6°♏23'46	
max. Earth dist.	-2946 Dec	06 j 09:12	17°♏08'12	1.41620 AU
superior conj	-2946 Dec	13 j 23:47	0°♐06'22	-1°-54'-29
minimum elong	-2946 Dec	13 j 21:33	29°♏56'38	1°54'31
	-2946 Dec	13 j 22:19	0°♐	
evening rise	-2946 Dec	24 j 17:35	19°♐30'17	
	-2946 Dec	30 j 11:59	0°♑	
asc. node	-2945 Jan	05 j 11:12	9°♑48'33	
evening max el	-2945 Jan	10 j 02:49	15°♑34'45	18°11'23
retrograde	-2945 Jan	17 j 00:27	19°♑04'18	
evening set	-2945 Jan	19 j 14:32	18°♑35'33	
inferior conj	-2945 Jan	26 j 12:17	13°♑43'32	3°58'22
minimum elong	-2945 Jan	26 j 13:02	13°♑41'49	3°58'14
min. Earth dist.	-2945 Jan	29 j 18:05	10°♑47'45	0.60518 AU
morning rise	-2945 Feb	02 j 08:44	8°♑03'14	
direct	-2945 Feb	09 j 03:31	5°♑53'18	
desc. node	-2945 Feb	16 j 05:01	8°♑00'01	
morning max el	-2945 Feb	23 j 07:36	13°♑35'09	27°26'23
	-2945 Mar	08 j 11:02	0°♒	
	-2945 Mar	25 j 12:17	0°♓	
morning set	-2945 Mar	26 j 23:22	2°♓59'31	
max. Earth dist.	-2945 Apr	02 j 10:00	16°♓44'55	1.32543 AU
superior conj	-2945 Apr	03 j 04:31	18°♓26'03	0°-2'-41
minimum elong	-2945 Apr	03 j 04:38	18°♓26'43	0°02'42
behind sun begin	-2945 Apr	02 j 23:40	17°♓59'32	
behind sun end	-2945 Apr	03 j 09:36	18°♓53'54	
asc. node	-2945 Apr	03 j 10:39	18°♓59'36	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2945 Apr 08 j 12:06	0°♈	
evening rise	-2945 Apr 10 j 04:14	3°♈33'14	
	-2945 Apr 24 j 11:05	0°♉	
evening max el	-2945 May 07 j 09:50	16°♉28'35	25°30'26
desc. node	-2945 May 15 j 03:55	22°♉07'35	
retrograde	-2945 May 21 j 11:22	23°♉40'18	
evening set	-2945 May 27 j 01:49	22°♉26'20	
min. Earth dist.	-2945 May 31 j 21:59	19°♉40'49	0.58143 AU
inferior conj	-2945 Jun 04 j 03:32	17°♉24'07	-4°-14'-48
minimum elong	-2945 Jun 04 j 00:28	17°♉29'33	4°14'27
morning rise	-2945 Jun 12 j 03:03	13°♉05'13	
direct	-2945 Jun 14 j 14:53	12°♉45'46	
morning max el	-2945 Jun 22 j 23:52	16°♉42'02	18°49'34
asc. node	-2945 Jun 30 j 10:04	26°♉21'08	
	-2945 Jul 02 j 14:03	0°♊	
morning set	-2945 Jul 09 j 11:08	12°♊54'29	
superior conj	-2945 Jul 18 j 03:33	29°♊46'55	1°48'46
minimum elong	-2945 Jul 18 j 03:41	29°♊47'34	1°48'53
	-2945 Jul 18 j 06:18	0°♋	
max. Earth dist.	-2945 Jul 25 j 01:25	12°♋30'35	1.39075 AU
evening rise	-2945 Jul 29 j 02:03	19°♋32'30	
	-2945 Aug 04 j 09:15	0°♌	
desc. node	-2945 Aug 11 j 03:07	10°♌30'59	
	-2945 Aug 25 j 01:00	0°♍	
evening max el	-2945 Sep 02 j 11:57	9°♍44'02	24°16'15
retrograde	-2945 Sep 13 j 14:56	16°♍15'45	
evening set	-2945 Sep 18 j 23:38	14°♍00'23	
min. Earth dist.	-2945 Sep 23 j 17:53	8°♍30'06	0.67324 AU
inferior conj	-2945 Sep 24 j 09:02	7°♍39'01	0°-41'-11
minimum elong	-2945 Sep 24 j 10:01	7°♍35'43	0°40'44
asc. node	-2945 Sep 26 j 09:10	5°♍01'16	
morning rise	-2945 Sep 29 j 20:39	1°♍30'28	
direct	-2945 Oct 03 j 15:12	0°♍09'07	
morning max el	-2945 Oct 11 j 15:23	4°♍49'09	20°31'29
greatest brilliancy	-2945 Oct 17 j 23:36	12°♍24'58	-0.5m
	-2945 Oct 30 j 04:48	0°♎	
desc. node	-2945 Nov 07 j 02:44	12°♎03'29	
morning set	-2945 Nov 08 j 18:55	14°♎38'56	
max. Earth dist.	-2945 Nov 18 j 16:54	0°♏18'45	1.43309 AU
	-2945 Nov 18 j 12:15	0°♏	
superior conj	-2945 Nov 24 j 21:03	10°♏24'42	-1°-38'-15
minimum elong	-2945 Nov 24 j 14:54	9°♏59'11	1°37'50
	-2945 Dec 06 j 07:58	0°♐	
evening rise	-2945 Dec 07 j 07:15	1°♐41'59	
asc. node	-2945 Dec 23 j 08:17	27°♐23'06	
evening max el	-2945 Dec 24 j 14:42	28°♐45'16	18°09'19
	-2945 Dec 25 j 23:16	0°♑	
retrograde	-2945 Dec 31 j 04:16	2°♑13'19	
evening set	-2944 Jan 02 j 21:34	1°♑36'39	
	-2944 Jan 05 j 11:40	30°℞♐	
inferior conj	-2944 Jan 09 j 07:48	26°♐23'17	3°55'53
minimum elong	-2944 Jan 09 j 06:21	26°♐27'03	3°55'40
min. Earth dist.	-2944 Jan 12 j 01:44	23°♐33'21	0.62474 AU
morning rise	-2944 Jan 15 j 13:08	20°♐29'17	
direct	-2944 Jan 22 j 14:10	17°♐51'58	
desc. node	-2944 Feb 03 j 02:06	23°♐22'47	
morning max el	-2944 Feb 05 j 12:37	25°♐38'19	27°44'01
	-2944 Feb 09 j 14:09	0°♑	
	-2944 Feb 29 j 21:23	0°♒	
morning set	-2944 Mar 10 j 02:21	17°♒28'42	
max. Earth dist.	-2944 Mar 15 j 19:37	29°♒25'56	1.32883 AU
	-2944 Mar 16 j 01:58	0°♓	
superior conj	-2944 Mar 17 j 14:19	3°♓16'04	0°-28'-14
minimum elong	-2944 Mar 17 j 15:36	3°♓23'02	0°28'01

asc. node	-2944 Mar 20 j 07:39	9°♓10'29	
evening rise	-2944 Mar 24 j 15:53	18°♓29'44	
	-2944 Mar 30 j 08:39	0°♈	
evening max el	-2944 Apr 18 j 01:33	27°♈16'12	24°01'53
	-2944 Apr 21 j 05:26	0°♉	
desc. node	-2944 May 01 j 01:02	4°♉10'18	
retrograde	-2944 May 01 j 20:49	4°♉11'51	
evening set	-2944 May 06 j 02:45	3°♉31'43	
min. Earth dist.	-2944 May 12 j 12:58	0°♉25'57	0.56421 AU
	-2944 May 13 j 05:57	30°℞♈	
inferior conj	-2944 May 14 j 23:39	28°♈55'15	-3°-26'-38
minimum elong	-2944 May 14 j 17:35	29°♈04'40	3°25'14
morning rise	-2944 May 23 j 12:20	24°♈53'49	
direct	-2944 May 26 j 00:52	24°♈37'11	
morning max el	-2944 Jun 04 j 20:26	29°♈10'00	19°46'47
	-2944 Jun 05 j 17:05	0°♉	
asc. node	-2944 Jun 16 j 07:07	15°♉15'36	
morning set	-2944 Jun 22 j 12:53	27°♉17'58	
	-2944 Jun 23 j 21:00	0°♊	
superior conj	-2944 Jun 30 j 13:02	13°♊26'54	1°44'53
minimum elong	-2944 Jun 30 j 11:28	13°♊19'08	1°44'55
max. Earth dist.	-2944 Jul 06 j 04:22	24°♊21'42	1.37163 AU
	-2944 Jul 09 j 05:31	0°♋	
evening rise	-2944 Jul 10 j 02:33	1°♋35'14	
	-2944 Jul 27 j 12:33	0°♌	
desc. node	-2944 Jul 28 j 00:09	0°♌42'29	
evening max el	-2944 Aug 14 j 22:44	23°♌16'06	25°31'15
	-2944 Aug 25 j 00:23	0°♍	
retrograde	-2944 Aug 27 j 01:21	0°♍15'23	
	-2944 Aug 29 j 00:14	30°℞♌	
evening set	-2944 Sep 02 j 01:03	27°♌43'02	
min. Earth dist.	-2944 Sep 06 j 10:34	22°♌49'13	0.66832 AU
inferior conj	-2944 Sep 07 j 12:48	21°♌24'29	-1°-34'-50
minimum elong	-2944 Sep 07 j 15:03	21°♌17'12	1°33'54
asc. node	-2944 Sep 12 j 06:16	16°♌07'10	
morning rise	-2944 Sep 13 j 05:40	15°♌24'32	
direct	-2944 Sep 16 j 13:21	14°♌20'41	
morning max el	-2944 Sep 23 j 19:13	18°♌29'02	19°28'20
	-2944 Oct 02 j 17:49	0°♍	
greatest brilliancy	-2944 Oct 03 j 00:37	0°♍24'45	-0.7m
morning set	-2944 Oct 17 j 20:20	23°♍05'13	
	-2944 Oct 22 j 06:43	0°♎	
desc. node	-2944 Oct 23 j 23:42	2°♎40'14	
max. Earth dist.	-2944 Oct 31 j 06:45	14°♎08'39	1.44438 AU
superior conj	-2944 Nov 03 j 15:20	19°♎29'02	-1°-4'-46
minimum elong	-2944 Nov 03 j 08:16	19°♎00'48	1°04'00
	-2944 Nov 10 j 03:50	0°♏	
evening rise	-2944 Nov 18 j 00:44	12°♏59'21	
	-2944 Nov 28 j 07:41	0°♐	
evening max el	-2944 Dec 07 j 03:15	12°♐05'56	18°26'03
asc. node	-2944 Dec 09 j 05:21	13°♐57'41	
retrograde	-2944 Dec 13 j 17:15	15°♐43'18	
evening set	-2944 Dec 16 j 14:48	14°♐57'24	
inferior conj	-2944 Dec 22 j 16:09	9°♐24'54	3°35'31
minimum elong	-2944 Dec 22 j 13:26	9°♐32'40	3°34'57
min. Earth dist.	-2944 Dec 24 j 19:24	6°♐57'51	0.64171 AU
morning rise	-2944 Dec 28 j 10:41	3°♐21'17	
direct	-2943 Jan 04 j 08:31	0°♐31'13	
morning max el	-2943 Jan 17 j 21:21	8°♐15'50	27°25'49
desc. node	-2943 Jan 19 j 23:09	10°♐24'58	
	-2943 Feb 03 j 19:40	0°♑	
	-2943 Feb 21 j 03:05	0°♒	
morning set	-2943 Feb 21 j 21:35	1°♒30'32	
max. Earth dist.	-2943 Feb 26 j 21:39	11°♒38'22	1.33622 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-2943 Mar 01 j 20:36	17°♒51'14	0°-53'-21
minimum elong	-2943 Mar 01 j 22:58	18°♒03'47	0°52'58
asc. node	-2943 Mar 07 j 04:41	29°♒14'52	
	-2943 Mar 07 j 13:11	0°♓	
evening rise	-2943 Mar 09 j 03:08	3°♓20'05	
	-2943 Mar 24 j 00:24	0°♈	
evening max el	-2943 Mar 30 j 18:36	7°♈57'37	22°27'26
retrograde	-2943 Apr 12 j 17:57	14°♈18'30	
evening set	-2943 Apr 15 j 18:20	13°♈58'31	
desc. node	-2943 Apr 17 j 22:08	13°♈21'22	
min. Earth dist.	-2943 Apr 24 j 02:56	10°♈20'30	0.55345 AU
inferior conj	-2943 Apr 25 j 02:15	9°♈47'18	-1°-57'-7
minimum elong	-2943 Apr 24 j 21:12	9°♈54'31	1°55'30
morning rise	-2943 May 04 j 02:09	5°♈51'02	
direct	-2943 May 06 j 18:20	5°♈34'36	
morning max el	-2943 May 18 j 06:19	10°♈57'27	21°03'35
	-2943 May 31 j 17:25	0°♉	
asc. node	-2943 Jun 03 j 04:08	4°♉38'38	
morning set	-2943 Jun 06 j 20:03	12°♉00'06	
superior conj	-2943 Jun 14 j 09:08	27°♉40'31	1°34'07
minimum elong	-2943 Jun 14 j 06:42	27°♉27'55	1°33'57
	-2943 Jun 15 j 12:21	0°♊	
max. Earth dist.	-2943 Jun 18 j 13:45	6°♊09'34	1.35511 AU
evening rise	-2943 Jun 22 j 22:45	14°♊37'40	
	-2943 Jul 01 j 13:25	0°♋	
desc. node	-2943 Jul 14 j 21:13	20°♋30'55	
	-2943 Jul 22 j 04:30	0°♌	
evening max el	-2943 Jul 28 j 09:58	6°♌47'46	26°32'48
retrograde	-2943 Aug 10 j 06:54	14°♌03'19	
evening set	-2943 Aug 16 j 20:17	11°♌19'35	
min. Earth dist.	-2943 Aug 20 j 21:49	7°♌03'59	0.65997 AU
inferior conj	-2943 Aug 22 j 12:14	5°♌07'29	-2°-26'-23
minimum elong	-2943 Aug 22 j 15:35	4°♌57'21	2°25'10
	-2943 Aug 27 j 10:43	30°℞♋	
morning rise	-2943 Aug 28 j 11:53	29°♋19'13	
asc. node	-2943 Aug 30 j 03:21	28°♋39'16	
direct	-2943 Aug 31 j 11:09	28°♋29'20	
	-2943 Sep 04 j 14:44	0°♌	
morning max el	-2943 Sep 07 j 05:06	2°♌14'44	18°40'28
	-2943 Sep 26 j 03:59	0°♍	
morning set	-2943 Sep 27 j 19:16	2°♍37'26	
desc. node	-2943 Oct 10 j 20:41	23°♍22'45	
superior conj	-2943 Oct 13 j 16:16	27°♍48'58	0°-17'-56
minimum elong	-2943 Oct 13 j 13:54	27°♍39'37	0°17'38
max. Earth dist.	-2943 Oct 14 j 00:11	28°♍20'06	1.44881 AU
	-2943 Oct 15 j 01:33	0°♎	
evening rise	-2943 Oct 29 j 18:06	23°♎14'22	
	-2943 Nov 02 j 23:45	0°♏	
evening max el	-2943 Nov 20 j 13:55	25°♏31'21	19°00'28
asc. node	-2943 Nov 26 j 02:25	29°♏16'30	
retrograde	-2943 Nov 27 j 11:36	29°♏27'11	
evening set	-2943 Nov 30 j 15:08	28°♏30'04	
inferior conj	-2943 Dec 06 j 09:45	22°♏41'09	3°02'49
minimum elong	-2943 Dec 06 j 06:41	22°♏50'43	3°01'56
min. Earth dist.	-2943 Dec 07 j 22:26	20°♏46'59	0.65521 AU
morning rise	-2943 Dec 11 j 21:15	16°♏30'48	
direct	-2943 Dec 18 j 09:16	13°♏42'31	
morning max el	-2943 Dec 31 j 06:55	21°♏14'50	26°37'02
desc. node	-2942 Jan 06 j 20:11	28°♏37'10	
	-2942 Jan 07 j 22:41	0°♐	
	-2942 Jan 27 j 23:16	0°♑	
morning set	-2942 Feb 05 j 05:24	14°♑53'00	
max. Earth dist.	-2942 Feb 09 j 12:41	23°♑14'24	1.34802 AU
	-2942 Feb 12 j 21:00	0°♒	

superior conj	-2942 Feb 13 j 21:09	2°♒04'10	-1°-16'-47
minimum elong	-2942 Feb 14 j 00:17	2°♒20'21	1°16'24
evening rise	-2942 Feb 21 j 12:05	17°♒57'39	
asc. node	-2942 Feb 22 j 01:43	19°♒07'54	
	-2942 Feb 27 j 14:06	0°♓	
evening max el	-2942 Mar 12 j 19:09	18°♓59'27	21°00'00
retrograde	-2942 Mar 24 j 07:20	24°♓30'00	
evening set	-2942 Mar 26 j 16:13	24°♓16'52	
inferior conj	-2942 Apr 04 j 21:14	20°♓19'03	0°-1'-25
minimum elong	-2942 Apr 04 j 21:10	20°♓19'09	0°01'25
transit middle	-2942 Apr 04 j 21:10	20°♓19'09	0°01'25
transit begin	-2942 Apr 04 j 17:05	20°♓24'57	
transit end	-2942 Apr 05 j 01:14	20°♓13'21	
desc. node	-2942 Apr 04 j 19:12	20°♓21'57	
min. Earth dist.	-2942 Apr 05 j 16:54	19°♓51'06	0.55160 AU
morning rise	-2942 Apr 14 j 01:09	16°♓10'34	
direct	-2942 Apr 17 j 06:07	15°♓48'11	
morning max el	-2942 Apr 30 j 05:37	22°♓03'52	22°36'08
	-2942 May 07 j 02:01	0°♈	
asc. node	-2942 May 21 j 01:10	24°♈22'57	
morning set	-2942 May 22 j 06:35	26°♈55'06	
	-2942 May 23 j 17:49	0°♉	
superior conj	-2942 May 29 j 12:33	12°♉17'47	1°18'14
minimum elong	-2942 May 29 j 09:55	12°♉03'53	1°17'54
max. Earth dist.	-2942 Jun 01 j 09:13	18°♉18'00	1.34218 AU
evening rise	-2942 Jun 06 j 09:30	28°♉25'28	
	-2942 Jun 07 j 04:54	0°♊	
	-2942 Jun 24 j 17:40	0°♋	
desc. node	-2942 Jul 01 j 18:15	9°♋46'29	
evening max el	-2942 Jul 10 j 21:35	20°♋10'55	27°12'59
retrograde	-2942 Jul 24 j 06:57	27°♋32'36	
evening set	-2942 Jul 31 j 06:44	24°♋46'34	
min. Earth dist.	-2942 Aug 04 j 01:22	21°♋08'34	0.64796 AU
inferior conj	-2942 Aug 06 j 05:10	18°♋44'20	-3°-13'-29
minimum elong	-2942 Aug 06 j 09:09	18°♋33'13	3°12'17
morning rise	-2942 Aug 12 j 13:03	13°♋11'09	
direct	-2942 Aug 15 j 06:19	12°♋31'50	
asc. node	-2942 Aug 17 j 00:24	12°♋48'09	
morning max el	-2942 Aug 21 j 18:52	16°♋02'31	18°09'21
	-2942 Aug 31 j 18:55	0°♌	
morning set	-2942 Sep 08 j 22:04	13°♌31'03	
	-2942 Sep 18 j 21:41	0°♍	
superior conj	-2942 Sep 22 j 21:20	6°♍25'32	0°30'50
minimum elong	-2942 Sep 23 j 00:57	6°♍40'01	0°30'23
max. Earth dist.	-2942 Sep 26 j 18:23	12°♍35'59	1.44594 AU
desc. node	-2942 Sep 27 j 17:41	14°♍08'08	
	-2942 Oct 07 j 21:04	0°♎	
evening rise	-2942 Oct 09 j 12:10	2°♎31'35	
greatest brilliancy	-2942 Oct 27 j 05:35	29°♎21'29	-0.6m
	-2942 Oct 27 j 16:31	0°♏	
evening max el	-2942 Nov 03 j 20:32	8°♏58'38	19°50'57
retrograde	-2942 Nov 11 j 08:32	13°♏21'11	
asc. node	-2942 Nov 12 j 23:28	13°♏05'58	
evening set	-2942 Nov 14 j 20:05	12°♏10'26	
inferior conj	-2942 Nov 20 j 09:49	6°♏08'02	2°21'36
minimum elong	-2942 Nov 20 j 07:02	6°♏17'14	2°20'37
min. Earth dist.	-2942 Nov 21 j 09:14	4°♏50'49	0.66503 AU
morning rise	-2942 Nov 25 j 17:22	29°♎53'22	
	-2942 Nov 25 j 14:24	30°℞♎	
direct	-2942 Dec 01 j 15:36	27°♎17'57	
	-2942 Dec 08 j 13:47	0°♏	
morning max el	-2942 Dec 13 j 15:49	4°♏24'54	25°26'00
desc. node	-2942 Dec 24 j 17:12	17°♏39'04	
	-2941 Jan 02 j 08:25	0°♐	
morning set	-2941 Jan 18 j 21:04	27°♐22'09	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2941 Jan 20 j 07:41	0°♉	
max. Earth dist.	-2941 Jan 22 j 16:19	4°♉23'36	1.36427 AU
superior conj	-2941 Jan 28 j 13:13	15°♉46'43	-1°-36'-50
minimum elong	-2941 Jan 28 j 16:30	16°♉03'03	1°36'36
	-2941 Feb 04 j 13:53	0°♒	
evening rise	-2941 Feb 05 j 16:48	2°♒16'27	
asc. node	-2941 Feb 08 j 22:44	8°♒44'21	
	-2941 Feb 22 j 15:41	0°♓	
evening max el	-2941 Feb 23 j 06:07	0°♓35'24	19°47'45
retrograde	-2941 Mar 05 j 01:21	5°♓15'13	
evening set	-2941 Mar 07 j 07:41	5°♓01'25	
inferior conj	-2941 Mar 15 j 22:46	0°♓59'10	1°48'26
minimum elong	-2941 Mar 16 j 02:57	0°♓52'39	1°47'06
	-2941 Mar 17 j 12:44	30°℞♒	
min. Earth dist.	-2941 Mar 18 j 07:06	29°♒31'49	0.55906 AU
desc. node	-2941 Mar 22 j 16:17	27°♒11'04	
morning rise	-2941 Mar 24 j 19:01	26°♒23'47	
direct	-2941 Mar 29 j 00:04	25°♒44'24	
	-2941 Apr 08 j 18:30	0°♓	
morning max el	-2941 Apr 11 j 21:49	2°♓42'07	24°15'46
	-2941 Apr 30 j 19:40	0°♈	
morning set	-2941 May 06 j 18:37	11°♈56'16	
asc. node	-2941 May 07 j 22:11	14°♈21'49	
superior conj	-2941 May 13 j 20:41	27°♈09'50	0°58'33
minimum elong	-2941 May 13 j 18:25	26°♈57'34	0°58'10
	-2941 May 15 j 04:17	0°♉	
max. Earth dist.	-2941 May 15 j 13:50	0°♉51'18	1.33297 AU
evening rise	-2941 May 21 j 06:33	12°♉44'51	
	-2941 May 30 j 09:28	0°♊	
desc. node	-2941 Jun 18 j 15:17	28°♊14'36	
	-2941 Jun 20 j 04:49	0°♋	
evening max el	-2941 Jun 23 j 07:36	3°♋11'54	27°25'09
retrograde	-2941 Jul 07 j 00:52	10°♋34'01	
evening set	-2941 Jul 14 j 05:01	7°♋57'50	
min. Earth dist.	-2941 Jul 17 j 19:18	4°♋52'27	0.63226 AU
inferior conj	-2941 Jul 20 j 12:50	2°♋08'26	-3°-52'-47
minimum elong	-2941 Jul 20 j 16:38	1°♋58'53	3°51'58
	-2941 Jul 22 j 17:53	30°℞♊	
morning rise	-2941 Jul 27 j 06:20	26°♊53'43	
direct	-2941 Jul 29 j 19:54	26°♊22'14	
asc. node	-2941 Aug 03 j 21:28	28°♊25'18	
morning max el	-2941 Aug 05 j 09:56	29°♊46'36	17°55'57
	-2941 Aug 05 j 15:17	0°♋	
morning set	-2941 Aug 22 j 01:12	25°♋33'54	
	-2941 Aug 24 j 13:58	0°♌	
superior conj	-2941 Sep 03 j 00:59	16°♌09'58	1°10'05
minimum elong	-2941 Sep 03 j 06:35	16°♌33'19	1°09'31
max. Earth dist.	-2941 Sep 09 j 10:02	26°♌36'49	1.43615 AU
	-2941 Sep 11 j 12:44	0°♍	
desc. node	-2941 Sep 14 j 14:41	4°♍52'49	
evening rise	-2941 Sep 18 j 17:15	11°♍17'27	
	-2941 Oct 01 j 01:45	0°♎	
greatest brilliancy	-2941 Oct 12 j 06:23	15°♎46'37	-0.5m
evening max el	-2941 Oct 17 j 21:27	22°♎25'18	20°55'19
retrograde	-2941 Oct 26 j 05:45	27°♎21'48	
evening set	-2941 Oct 30 j 03:29	25°♎54'55	
asc. node	-2941 Oct 30 j 20:31	25°♎20'18	
inferior conj	-2941 Nov 04 j 14:01	19°♎42'28	1°34'28
minimum elong	-2941 Nov 04 j 11:59	19°♎49'26	1°33'38
min. Earth dist.	-2941 Nov 05 j 01:42	19°♎02'34	0.67129 AU
morning rise	-2941 Nov 09 j 20:05	13°♎25'49	
direct	-2941 Nov 15 j 02:54	11°♎09'48	
morning max el	-2941 Nov 26 j 00:32	17°♎39'48	24°02'23
	-2941 Dec 06 j 08:02	0°♏	
desc. node	-2941 Dec 11 j 14:14	7°♏16'07	
	-2941 Dec 26 j 10:09	0°♐	
morning set	-2941 Dec 31 j 14:38	8°♐42'12	
max. Earth dist.	-2940 Jan 04 j 12:59	15°♐35'14	1.38390 AU
superior conj	-2940 Jan 11 j 17:10	28°♐49'02	-1°-51'-13
minimum elong	-2940 Jan 11 j 19:32	29°♐00'15	1°51'12
	-2940 Jan 12 j 08:04	0°♉	
evening rise	-2940 Jan 20 j 14:54	16°♉09'59	
asc. node	-2940 Jan 26 j 19:46	27°♉58'16	
	-2940 Jan 27 j 23:11	0°♒	
evening max el	-2940 Feb 06 j 03:18	12°♒47'13	18°54'32
retrograde	-2940 Feb 14 j 11:12	16°♒47'51	
evening set	-2940 Feb 16 j 20:03	16°♒29'42	
inferior conj	-2940 Feb 24 j 17:46	12°♒11'22	3°07'00
minimum elong	-2940 Feb 24 j 22:19	12°♒03'10	3°05'58
min. Earth dist.	-2940 Feb 27 j 22:56	9°♒53'35	0.57404 AU
morning rise	-2940 Mar 03 j 20:43	7°♒05'14	
desc. node	-2940 Mar 08 j 13:21	5°♒56'15	
direct	-2940 Mar 09 j 06:37	5°♒54'59	
morning max el	-2940 Mar 23 j 13:08	13°♒19'11	25°48'37
	-2940 Apr 05 j 15:27	0°♓	
morning set	-2940 Apr 20 j 06:32	26°♓57'40	
	-2940 Apr 21 j 17:00	0°♈	
asc. node	-2940 Apr 23 j 19:14	4°♈30'09	
superior conj	-2940 Apr 27 j 07:32	12°♈09'50	0°36'07
minimum elong	-2940 Apr 27 j 06:00	12°♈01'29	0°35'50
max. Earth dist.	-2940 Apr 28 j 00:37	13°♈43'05	1.32733 AU
evening rise	-2940 May 04 j 10:42	27°♈25'30	
	-2940 May 05 j 16:51	0°♉	
	-2940 May 22 j 19:19	0°♊	
evening max el	-2940 Jun 04 j 13:31	15°♊38'10	27°05'05
desc. node	-2940 Jun 04 j 12:19	15°♊35'18	
retrograde	-2940 Jun 18 j 12:08	22°♊58'44	
evening set	-2940 Jun 25 j 11:09	20°♊46'27	
min. Earth dist.	-2940 Jun 29 j 03:08	18°♊02'03	0.61339 AU
inferior conj	-2940 Jul 02 j 08:02	15°♊12'20	-4°-19'-12
minimum elong	-2940 Jul 02 j 10:19	15°♊07'16	4°18'56
morning rise	-2940 Jul 09 j 12:23	10°♊18'54	
direct	-2940 Jul 12 j 00:10	9°♊53'12	
morning max el	-2940 Jul 18 j 23:35	13°♊20'47	18°01'11
asc. node	-2940 Jul 20 j 18:33	15°♊16'12	
	-2940 Jul 30 j 06:52	0°♋	
morning set	-2940 Aug 03 j 23:05	8°♋30'43	
superior conj	-2940 Aug 14 j 08:19	27°♋16'52	1°35'12
minimum elong	-2940 Aug 14 j 12:23	27°♋34'38	1°34'59
	-2940 Aug 15 j 21:45	0°♌	
max. Earth dist.	-2940 Aug 21 j 20:17	10°♌04'15	1.42080 AU
evening rise	-2940 Aug 28 j 04:25	20°♌21'50	
desc. node	-2940 Aug 31 j 11:39	25°♌33'33	
	-2940 Sep 03 j 08:39	0°♍	
	-2940 Sep 24 j 12:48	0°♎	
greatest brilliancy	-2940 Sep 24 j 22:21	0°♎29'23	-0.3m
evening max el	-2940 Sep 29 j 16:11	5°♎50'55	22°10'08
retrograde	-2940 Oct 09 j 01:29	11°♎25'53	
evening set	-2940 Oct 13 j 11:27	9°♎40'52	
asc. node	-2940 Oct 16 j 17:37	6°♎12'53	
inferior conj	-2940 Oct 18 j 20:20	3°♎21'56	0°43'20
minimum elong	-2940 Oct 18 j 19:20	3°♎25'22	0°42'54
min. Earth dist.	-2940 Oct 18 j 21:24	3°♎18'14	0.67437 AU
	-2940 Oct 21 j 08:50	30°℞♍	
morning rise	-2940 Oct 24 j 03:04	27°♍05'58	
direct	-2940 Oct 28 j 18:41	25°♍11'46	
	-2940 Nov 06 j 11:51	0°♎	
morning max el	-2940 Nov 07 j 11:28	0°♎58'05	22°35'36

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

greatest brilliancy	-2940 Nov 12 j 03:58	6°♎14'15	-0.3m
desc. node	-2940 Nov 27 j 11:14	27°♎17'38	
	-2940 Nov 29 j 06:41	0°♏	
morning set	-2940 Dec 11 j 04:21	18°♏38'51	
max. Earth dist.	-2940 Dec 16 j 09:38	27°♏20'27	1.40470 AU
	-2940 Dec 17 j 22:58	0°♐	
superior conj	-2940 Dec 24 j 04:12	10°♐57'39	-1°-56'-48
minimum elong	-2940 Dec 24 j 04:06	10°♐57'12	1°56'54
evening rise	-2939 Jan 03 j 03:22	29°♐29'56	
	-2939 Jan 03 j 09:44	0°♑	
asc. node	-2939 Jan 12 j 16:48	16°♑41'22	
evening max el	-2939 Jan 19 j 08:27	25°♑28'09	18°21'25
retrograde	-2939 Jan 26 j 15:33	29°♑04'48	
evening set	-2939 Jan 29 j 03:40	28°♑40'23	
inferior conj	-2939 Feb 05 j 09:24	24°♑01'16	3°48'44
minimum elong	-2939 Feb 05 j 11:42	23°♑56'26	3°48'25
min. Earth dist.	-2939 Feb 08 j 18:45	21°♑12'07	0.59339 AU
morning rise	-2939 Feb 12 j 16:20	18°♑30'56	
direct	-2939 Feb 19 j 02:10	16°♑41'42	
desc. node	-2939 Feb 23 j 10:26	17°♑29'37	
morning max el	-2939 Mar 05 j 08:36	24°♑20'06	26°59'43
	-2939 Mar 10 j 12:50	0°♒	
	-2939 Mar 29 j 17:41	0°♓	
morning set	-2939 Apr 04 j 16:33	11°♓52'07	
asc. node	-2939 Apr 10 j 16:16	24°♓42'42	
superior conj	-2939 Apr 11 j 19:19	27°♓10'48	0°11'50
minimum elong	-2939 Apr 11 j 18:47	27°♓07'54	0°11'44
behind sun begin	-2939 Apr 11 j 15:25	26°♓49'27	
behind sun end	-2939 Apr 11 j 22:09	27°♓26'21	
max. Earth dist.	-2939 Apr 11 j 13:49	26°♓40'37	1.32512 AU
	-2939 Apr 13 j 02:13	0°♈	
evening rise	-2939 Apr 18 j 19:22	12°♈18'03	
	-2939 Apr 27 j 21:20	0°♉	
evening max el	-2939 May 17 j 13:24	27°♉22'11	26°12'54
	-2939 May 20 j 13:33	0°♊	
desc. node	-2939 May 22 j 09:23	1°♊20'45	
retrograde	-2939 May 31 j 15:21	4°♊39'10	
evening set	-2939 Jun 06 j 20:59	3°♊02'43	
min. Earth dist.	-2939 Jun 11 j 02:19	0°♊22'20	0.59287 AU
	-2939 Jun 11 j 14:20	30°℞♉	
inferior conj	-2939 Jun 14 j 11:10	27°♉47'10	-4°-24'-58
minimum elong	-2939 Jun 14 j 10:21	27°♉48'44	4°24'53
morning rise	-2939 Jun 22 j 03:25	23°♉16'02	
direct	-2939 Jun 24 j 14:49	22°♉54'44	
morning max el	-2939 Jul 02 j 08:52	26°♉37'00	18°26'03
	-2939 Jul 05 j 09:43	0°♊	
asc. node	-2939 Jul 07 j 15:38	3°♊05'34	
morning set	-2939 Jul 18 j 10:48	22°♊09'16	
	-2939 Jul 22 j 13:05	0°♋	
superior conj	-2939 Jul 27 j 15:40	9°♋36'09	1°47'00
minimum elong	-2939 Jul 27 j 17:09	9°♋42'58	1°47'04
max. Earth dist.	-2939 Aug 04 j 00:42	22°♋48'04	1.40204 AU
	-2939 Aug 08 j 06:25	0°♌	
evening rise	-2939 Aug 08 j 13:26	0°♌29'11	
desc. node	-2939 Aug 18 j 08:39	16°♌06'59	
	-2939 Aug 27 j 19:06	0°♍	
evening max el	-2939 Sep 12 j 06:03	19°♍18'22	23°30'21
retrograde	-2939 Sep 22 j 18:18	25°♍31'13	
evening set	-2939 Sep 27 j 18:16	23°♍27'01	
min. Earth dist.	-2939 Oct 02 j 17:56	17°♍36'37	0.67447 AU
inferior conj	-2939 Oct 03 j 03:02	17°♍05'26	0°-10'-1
minimum elong	-2939 Oct 03 j 03:16	17°♍04'38	0°09'56
transit middle	-2939 Oct 03 j 03:16	17°♍04'38	0°09'56
transit begin	-2939 Oct 03 j 01:07	17°♍12'00	
transit end	-2939 Oct 03 j 05:25	16°♍57'16	
asc. node	-2939 Oct 03 j 14:43	16°♍25'32	
morning rise	-2939 Oct 08 j 12:20	10°♍53'04	
direct	-2939 Oct 12 j 14:02	9°♍20'15	
morning max el	-2939 Oct 21 j 03:43	14°♍23'02	21°13'50
greatest brilliancy	-2939 Oct 26 j 13:31	20°♍39'58	-0.5m
	-2939 Nov 02 j 10:29	0°♎	
desc. node	-2939 Nov 14 j 08:14	17°♎36'49	
morning set	-2939 Nov 20 j 14:37	27°♎18'44	
	-2939 Nov 22 j 07:32	0°♏	
max. Earth dist.	-2939 Nov 28 j 12:13	9°♏58'11	1.42387 AU
superior conj	-2939 Dec 05 j 16:44	21°♏59'36	-1°-49'-39
minimum elong	-2939 Dec 05 j 12:46	21°♏42'39	1°49'32
	-2939 Dec 10 j 07:28	0°♐	
evening rise	-2939 Dec 17 j 02:34	12°♐08'34	
	-2939 Dec 27 j 08:30	0°♑	
asc. node	-2939 Dec 30 j 13:51	4°♑44'11	
evening max el	-2938 Jan 02 j 18:47	8°♑30'17	18°08'13
retrograde	-2938 Jan 09 j 11:50	11°♑57'32	
evening set	-2938 Jan 12 j 03:13	11°♑25'35	
inferior conj	-2938 Jan 18 j 19:46	6°♑24'38	3°59'54
minimum elong	-2938 Jan 18 j 19:28	6°♑25'21	3°59'47
min. Earth dist.	-2938 Jan 21 j 21:20	3°♑28'30	0.61374 AU
morning rise	-2938 Jan 25 j 09:15	0°♑37'57	
	-2938 Jan 26 j 09:07	30°℞♐	
direct	-2938 Feb 01 j 08:12	28°♐14'19	
	-2938 Feb 07 j 16:03	0°♑	
desc. node	-2938 Feb 10 j 07:32	1°♑38'30	
morning max el	-2938 Feb 15 j 10:07	5°♑59'05	27°38'15
	-2938 Mar 05 j 12:32	0°♒	
morning set	-2938 Mar 19 j 22:46	26°♒32'40	
	-2938 Mar 21 j 14:48	0°♓	
max. Earth dist.	-2938 Mar 26 j 01:45	9°♓31'08	1.32642 AU
superior conj	-2938 Mar 27 j 06:22	12°♓06'42	0°-13'-30
minimum elong	-2938 Mar 27 j 06:59	12°♓10'03	0°13'24
behind sun begin	-2938 Mar 27 j 04:16	11°♓55'16	
behind sun end	-2938 Mar 27 j 09:41	12°♓24'51	
asc. node	-2938 Mar 28 j 13:17	14°♓55'22	
evening rise	-2938 Apr 03 j 06:29	27°♓15'12	
	-2938 Apr 04 j 14:01	0°♈	
	-2938 Apr 21 j 23:25	0°♉	
evening max el	-2938 Apr 29 j 07:26	8°♉26'47	24°54'25
desc. node	-2938 May 09 j 06:29	14°♉55'10	
retrograde	-2938 May 13 j 07:54	15°♉33'18	
evening set	-2938 May 18 j 08:43	14°♉35'21	
min. Earth dist.	-2938 May 23 j 19:33	11°♉42'25	0.57352 AU
inferior conj	-2938 May 26 j 19:01	9°♉43'31	-3°-59'-30
minimum elong	-2938 May 26 j 14:23	9°♉51'16	3°58'44
morning rise	-2938 Jun 04 j 00:06	5°♉32'40	
direct	-2938 Jun 06 j 12:00	5°♉14'37	
morning max el	-2938 Jun 15 j 10:47	9°♉25'08	19°11'21
asc. node	-2938 Jun 24 j 12:42	21°♉39'34	
	-2938 Jun 29 j 02:42	0°♊	
morning set	-2938 Jul 02 j 08:22	6°♊18'54	
superior conj	-2938 Jul 10 j 17:07	22°♊50'48	1°48'06
minimum elong	-2938 Jul 10 j 16:26	22°♊47'27	1°48'11
	-2938 Jul 14 j 11:11	0°♋	
max. Earth dist.	-2938 Jul 17 j 02:47	4°♋53'49	1.38242 AU
evening rise	-2938 Jul 21 j 00:24	11°♋51'53	
	-2938 Jul 31 j 23:52	0°♌	
desc. node	-2938 Aug 05 j 05:40	6°♌28'05	
	-2938 Aug 23 j 00:41	0°♍	
evening max el	-2938 Aug 25 j 17:27	2°♍49'18	24°49'24
retrograde	-2938 Sep 06 j 07:08	9°♍33'44	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-2938 Sep 11 j 22:09	7°♍11'01	
min. Earth dist.	-2938 Sep 16 j 12:43	1°♍55'44	0.67154 AU
inferior conj	-2938 Sep 17 j 08:22	0°♍50'30	-1°-4'-5
minimum elong	-2938 Sep 17 j 09:53	0°♍45'25	1°03'25
	-2938 Sep 17 j 23:38	30°℞♌	
asc. node	-2938 Sep 20 j 11:49	26°♌56'03	
morning rise	-2938 Sep 22 j 21:59	24°♌45'00	
direct	-2938 Sep 26 j 11:43	23°♌31'19	
morning max el	-2938 Oct 04 j 03:12	27°♌56'46	20°02'48
	-2938 Oct 06 j 00:27	0°♍	
greatest brilliancy	-2938 Oct 11 j 10:31	6°♍57'10	-0.6m
	-2938 Oct 26 j 22:54	0°♎	
morning set	-2938 Oct 30 j 12:07	5°♎28'35	
desc. node	-2938 Nov 01 j 05:13	8°♎07'55	
max. Earth dist.	-2938 Nov 10 j 22:39	23°♎26'32	1.43869 AU
	-2938 Nov 15 j 00:25	0°♏	
superior conj	-2938 Nov 16 j 02:11	1°♏44'45	-1°-26'-6
minimum elong	-2938 Nov 15 j 19:01	1°♏15'33	1°25'30
evening rise	-2938 Nov 29 j 08:04	23°♏57'06	
	-2938 Dec 02 j 20:33	0°♐	
asc. node	-2938 Dec 17 j 10:54	21°♐54'36	
evening max el	-2938 Dec 17 j 07:18	21°♐45'33	18°14'17
retrograde	-2938 Dec 23 j 19:55	25°♐15'57	
evening set	-2938 Dec 26 j 14:59	24°♐35'25	
inferior conj	-2937 Jan 01 j 21:08	19°♐13'41	3°49'01
minimum elong	-2937 Jan 01 j 19:01	19°♐19'23	3°48'41
min. Earth dist.	-2937 Jan 04 j 08:58	16°♐31'57	0.63236 AU
morning rise	-2937 Jan 07 j 21:24	13°♐15'32	
direct	-2937 Jan 14 j 22:15	10°♐30'53	
desc. node	-2937 Jan 28 j 04:36	17°♐46'59	
morning max el	-2937 Jan 28 j 16:48	18°♐16'47	27°40'29
	-2937 Feb 07 j 14:52	0°♑	
	-2937 Feb 26 j 07:45	0°♒	
morning set	-2937 Mar 03 j 22:51	10°♒51'25	
max. Earth dist.	-2937 Mar 09 j 08:39	22°♒01'34	1.33145 AU
superior conj	-2937 Mar 11 j 14:57	26°♒51'32	0°-38'-58
minimum elong	-2937 Mar 11 j 16:43	27°♒01'01	0°38'41
	-2937 Mar 13 j 01:56	0°♓	
asc. node	-2937 Mar 15 j 10:18	5°♓04'11	
evening rise	-2937 Mar 18 j 18:12	12°♓10'21	
	-2937 Mar 27 j 22:15	0°♈	
evening max el	-2937 Apr 10 j 23:11	19°♈09'36	23°21'40
retrograde	-2937 Apr 24 j 11:37	25°♈52'02	
desc. node	-2937 Apr 26 j 03:35	25°♈45'51	
evening set	-2937 Apr 28 j 03:57	25°♈22'22	
min. Earth dist.	-2937 May 05 j 09:49	22°♈04'42	0.55872 AU
inferior conj	-2937 May 07 j 07:07	20°♈57'46	-2°-53'-26
minimum elong	-2937 May 07 j 00:51	21°♈07'04	2°51'44
morning rise	-2937 May 16 j 01:00	17°♈00'16	
direct	-2937 May 18 j 14:42	16°♈44'01	
morning max el	-2937 May 29 j 02:53	21°♈36'42	20°17'05
	-2937 Jun 05 j 00:43	0°♉	
asc. node	-2937 Jun 11 j 09:45	10°♉47'42	
morning set	-2937 Jun 16 j 12:46	20°♉51'53	
	-2937 Jun 20 j 23:45	0°♊	
superior conj	-2937 Jun 24 j 07:38	6°♊46'52	1°41'03
minimum elong	-2937 Jun 24 j 05:36	6°♊36'36	1°40'59
max. Earth dist.	-2937 Jun 29 j 08:21	16°♊42'45	1.36429 AU
evening rise	-2937 Jul 03 j 10:01	24°♊22'22	
	-2937 Jul 06 j 12:53	0°♋	
desc. node	-2937 Jul 23 j 02:42	26°♋30'54	
	-2937 Jul 25 j 14:07	0°♌	
evening max el	-2937 Aug 08 j 04:31	16°♌22'35	25°59'29
retrograde	-2937 Aug 20 j 15:19	23°♌29'10	
evening set	-2937 Aug 26 j 21:12	20°♌51'11	
min. Earth dist.	-2937 Aug 31 j 03:19	16°♌13'35	0.66531 AU
inferior conj	-2937 Sep 01 j 10:32	14°♌35'15	-1°-57'-5
minimum elong	-2937 Sep 01 j 13:17	14°♌26'35	1°55'59
morning rise	-2937 Sep 07 j 06:06	8°♌39'53	
asc. node	-2937 Sep 07 j 08:54	8°♌35'43	
direct	-2937 Sep 10 j 10:01	7°♌42'15	
morning max el	-2937 Sep 17 j 09:48	11°♌39'17	19°05'57
	-2937 Sep 30 j 17:33	0°♍	
morning set	-2937 Oct 09 j 20:58	14°♍18'27	
desc. node	-2937 Oct 19 j 02:12	28°♍47'16	
	-2937 Oct 19 j 20:42	0°♎	
max. Earth dist.	-2937 Oct 24 j 14:55	7°♎29'30	1.44722 AU
superior conj	-2937 Oct 26 j 10:56	10°♎23'22	0°-45'-58
minimum elong	-2937 Oct 26 j 05:15	10°♎00'54	0°45'17
	-2937 Nov 07 j 16:49	0°♏	
evening rise	-2937 Nov 10 j 15:34	4°♏48'07	
	-2937 Nov 26 j 14:16	0°♐	
evening max el	-2937 Nov 30 j 19:17	5°♐08'06	18°38'37
asc. node	-2937 Dec 04 j 07:57	7°♐58'28	
retrograde	-2937 Dec 07 j 11:36	8°♐52'12	
evening set	-2937 Dec 10 j 11:33	8°♐01'37	
inferior conj	-2937 Dec 16 j 09:45	2°♐21'30	3°22'53
minimum elong	-2937 Dec 16 j 06:47	2°♐30'19	3°22'10
	-2937 Dec 18 j 09:18	30°℞♏	
min. Earth dist.	-2937 Dec 18 j 06:33	0°♐07'59	0.64787 AU
morning rise	-2937 Dec 22 j 00:52	26°♏14'50	
direct	-2937 Dec 28 j 19:06	23°♏24'17	
	-2936 Jan 09 j 23:35	0°♐	
morning max el	-2936 Jan 11 j 02:12	1°♐04'32	27°08'33
desc. node	-2936 Jan 15 j 01:38	5°♐21'25	
	-2936 Feb 01 j 16:23	0°♑	
morning set	-2936 Feb 15 j 13:41	24°♑37'31	
	-2936 Feb 18 j 07:09	0°♒	
max. Earth dist.	-2936 Feb 20 j 06:33	3°♒59'34	1.34066 AU
superior conj	-2936 Feb 23 j 19:02	11°♒17'39	-1°-3'-34
minimum elong	-2936 Feb 23 j 21:47	11°♒32'05	1°03'11
asc. node	-2936 Mar 01 j 07:18	25°♒04'04	
evening rise	-2936 Mar 02 j 04:41	26°♒55'55	
	-2936 Mar 03 j 16:18	0°♓	
	-2936 Mar 22 j 20:12	0°♈	
evening max el	-2936 Mar 22 j 18:39	29°♓56'18	21°48'49
retrograde	-2936 Apr 04 j 04:21	5°♈57'17	
evening set	-2936 Apr 06 j 20:27	5°♈41'19	
desc. node	-2936 Apr 12 j 00:40	3°♈51'44	
inferior conj	-2936 Apr 16 j 04:50	1°♈37'36	-1°-9'-35
minimum elong	-2936 Apr 16 j 01:37	1°♈42'08	1°08'30
min. Earth dist.	-2936 Apr 15 j 23:22	1°♈45'17	0.55150 AU
	-2936 Apr 19 j 04:12	30°℞♓	
morning rise	-2936 Apr 25 j 07:45	27°♓38'53	
direct	-2936 Apr 28 j 03:56	27°♓21'00	
	-2936 May 06 j 09:50	0°♈	
morning max el	-2936 May 10 j 08:05	3°♈06'00	21°41'23
asc. node	-2936 May 28 j 06:47	0°♉20'34	
	-2936 May 28 j 02:39	0°♉	
morning set	-2936 May 30 j 21:37	5°♉40'27	
superior conj	-2936 Jun 07 j 07:13	21°♉11'45	1°27'56
minimum elong	-2936 Jun 07 j 04:37	20°♉58'12	1°27'41
max. Earth dist.	-2936 Jun 10 j 22:00	28°♉38'06	1.34919 AU
	-2936 Jun 11 j 14:14	0°♊	
evening rise	-2936 Jun 15 j 12:58	7°♊45'28	
	-2936 Jun 28 j 03:24	0°♋	
desc. node	-2936 Jul 08 j 23:45	16°♋06'42	
evening max el	-2936 Jul 20 j 15:54	29°♋51'21	26°52'45

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2936 Jul	20 j 19:30	0°♌			-2935 Jun	21 j 23:19	0°♋	
retrograde	-2936 Aug	02 j 18:31	7°♌10'23		desc. node	-2935 Jun	25 j 20:47	5°♋03'58	
evening set	-2936 Aug	09 j 13:03	4°♌24'03		evening max el	-2935 Jul	03 j 02:54	13°♋05'44	27°21'48
min. Earth dist.	-2936 Aug	13 j 11:23	0°♌25'03	0.65541 AU	retrograde	-2935 Jul	16 j 16:16	20°♋28'56	
	-2936 Aug	13 j 20:03	30°℞♋		evening set	-2935 Jul	23 j 18:49	17°♋45'07	
inferior conj	-2936 Aug	15 j 07:29	28°♋15'53	-2°-47'-4	min. Earth dist.	-2935 Jul	27 j 11:00	14°♋22'05	0.64172 AU
minimum elong	-2936 Aug	15 j 11:10	28°♋05'04	2°45'49	inferior conj	-2935 Jul	29 j 20:50	11°♋47'46	-3°-31'-22
morning rise	-2936 Aug	21 j 10:30	22°♋33'57		minimum elong	-2935 Jul	30 j 00:52	11°♋36'58	3°30'18
direct	-2936 Aug	24 j 06:56	21°♋48'58		morning rise	-2935 Aug	05 j 08:41	6°♋22'15	
asc. node	-2936 Aug	24 j 05:58	21°♋48'59		direct	-2935 Aug	07 j 23:59	5°♋46'45	
morning max el	-2936 Aug	30 j 21:43	25°♋26'48	18°25'08	asc. node	-2935 Aug	11 j 03:03	6°♋36'40	
	-2936 Sep	03 j 17:24	0°♌		morning max el	-2935 Aug	14 j 12:26	9°♋13'52	18°01'23
morning set	-2936 Sep	19 j 07:47	24°♌25'46			-2935 Aug	28 j 11:34	0°♌	
	-2936 Sep	22 j 18:00	0°♍		morning set	-2935 Aug	31 j 21:34	5°♌50'09	
superior conj	-2936 Oct	04 j 10:45	18°♍42'18	0°03'21	superior conj	-2935 Sep	13 j 23:58	27°♌43'47	0°49'06
minimum elong	-2936 Oct	04 j 11:11	18°♍44'03	0°03'18	minimum elong	-2935 Sep	14 j 05:00	28°♌04'14	0°48'31
behind sun begin	-2936 Oct	04 j 00:07	18°♍00'19			-2935 Sep	15 j 09:35	0°♍	
behind sun end	-2936 Oct	04 j 22:15	19°♍27'44		max. Earth dist.	-2935 Sep	19 j 02:18	5°♍55'44	1.44251 AU
desc. node	-2936 Oct	04 j 23:12	19°♍31'32		desc. node	-2935 Sep	21 j 20:11	10°♍16'48	
max. Earth dist.	-2936 Oct	06 j 09:18	21°♍46'00	1.44847 AU	evening rise	-2935 Sep	30 j 09:04	23°♍35'38	
	-2936 Oct	11 j 14:59	0°♎			-2935 Oct	04 j 13:05	0°♎	
evening rise	-2936 Oct	20 j 22:33	14°♎37'30		greatest brilliancy	-2935 Oct	20 j 17:39	23°♎54'40	-0.6m
	-2936 Oct	30 j 18:15	0°♏			-2935 Oct	25 j 12:33	0°♏	
greatest brilliancy	-2936 Nov	03 j 10:04	5°♏35'24	-0.7m	evening max el	-2935 Oct	27 j 08:39	2°♏00'56	20°16'50
evening max el	-2936 Nov	13 j 04:23	18°♏34'16	19°20'02	retrograde	-2935 Nov	04 j 04:50	6°♏37'36	
retrograde	-2936 Nov	20 j 07:30	22°♏40'56		asc. node	-2935 Nov	07 j 02:05	5°♏49'28	
asc. node	-2936 Nov	20 j 05:00	22°♏40'52		evening set	-2935 Nov	07 j 20:21	5°♏20'29	
evening set	-2936 Nov	23 j 14:08	21°♏38'19			-2935 Nov	12 j 18:37	30°℞♎	
inferior conj	-2936 Nov	29 j 06:26	15°♏43'01	2°46'13	inferior conj	-2935 Nov	13 j 08:32	29°♎13'24	2°02'13
minimum elong	-2936 Nov	29 j 03:25	15°♏52'41	2°45'16	minimum elong	-2935 Nov	13 j 06:01	29°♎21'51	2°01'15
min. Earth dist.	-2936 Nov	30 j 13:13	14°♏04'23	0.65976 AU	min. Earth dist.	-2935 Nov	14 j 02:51	28°♎11'53	0.66807 AU
morning rise	-2936 Dec	04 j 15:53	9°♏30'19		morning rise	-2935 Nov	18 j 15:08	22°♎57'19	
direct	-2936 Dec	10 j 22:12	6°♏46'36		direct	-2935 Nov	24 j 06:53	20°♎29'24	
morning max el	-2936 Dec	23 j 11:50	14°♏10'20	26°09'06	morning max el	-2935 Dec	05 j 20:27	27°♎22'41	24°51'18
desc. node	-2936 Dec	31 j 22:39	23°♏56'51			-2935 Dec	08 j 07:46	0°♏	
	-2935 Jan	05 j 11:00	0°♐		desc. node	-2935 Dec	18 j 19:41	13°♏14'57	
	-2935 Jan	24 j 10:06	0°♑			-2935 Dec	30 j 03:22	0°♐	
morning set	-2935 Jan	28 j 15:17	7°♑39'06		morning set	-2934 Jan	10 j 22:18	19°♐40'32	
max. Earth dist.	-2935 Feb	01 j 16:45	15°♑22'39	1.35437 AU	max. Earth dist.	-2934 Jan	14 j 16:07	26°♐25'57	1.37227 AU
						-2934 Jan	16 j 14:12	0°♑	
superior conj	-2935 Feb	06 j 16:19	25°♑18'12	-1°-25'-49					
minimum elong	-2935 Feb	06 j 19:37	25°♑34'59	1°25'29	superior conj	-2934 Jan	21 j 03:41	8°♑44'20	-1°-43'-49
	-2935 Feb	08 j 23:19	0°♒		minimum elong	-2934 Jan	21 j 06:44	8°♑59'15	1°43'40
evening rise	-2935 Feb	14 j 12:05	11°♒25'57		evening rise	-2934 Jan	29 j 14:16	25°♑33'59	
asc. node	-2935 Feb	16 j 04:19	14°♒50'25			-2934 Jan	31 j 19:57	0°♒	
	-2935 Feb	24 j 09:08	0°♓		asc. node	-2934 Feb	03 j 01:20	4°♒17'35	
evening max el	-2935 Mar	04 j 23:19	11°♓10'45	20°27'07	evening max el	-2934 Feb	15 j 14:50	23°♒02'02	19°22'44
retrograde	-2935 Mar	15 j 18:26	16°♓19'33		retrograde	-2934 Feb	24 j 18:00	27°♒23'06	
evening set	-2935 Mar	18 j 00:51	16°♓06'52		evening set	-2934 Feb	27 j 01:02	27°♒07'53	
inferior conj	-2935 Mar	27 j 00:49	12°♓08'54	0°47'46	inferior conj	-2934 Mar	07 j 08:50	23°♒00'11	2°26'20
minimum elong	-2935 Mar	27 j 02:56	12°♓05'47	0°47'01	minimum elong	-2934 Mar	07 j 13:39	22°♒52'14	2°24'58
min. Earth dist.	-2935 Mar	28 j 13:28	11°♓15'13	0.55363 AU	min. Earth dist.	-2934 Mar	10 j 04:26	21°♒09'18	0.56464 AU
desc. node	-2935 Mar	29 j 21:43	10°♓29'17		morning rise	-2934 Mar	15 j 22:27	18°♒11'07	
morning rise	-2935 Apr	05 j 02:56	7°♓50'02		desc. node	-2934 Mar	16 j 18:46	17°♒54'39	
direct	-2935 Apr	08 j 16:36	7°♓22'17		direct	-2934 Mar	20 j 15:56	17°♒19'54	
morning max el	-2935 Apr	22 j 03:54	13°♓58'06	23°18'24	morning max el	-2934 Apr	03 j 18:52	24°♒31'37	24°57'02
	-2935 May	04 j 11:13	0°♈			-2934 Apr	08 j 19:10	0°♓	
morning set	-2935 May	15 j 08:58	20°♈38'23			-2934 Apr	27 j 03:12	0°♈	
asc. node	-2935 May	15 j 03:48	20°♈11'22		morning set	-2934 Apr	29 j 21:10	5°♈40'00	
	-2935 May	19 j 18:32	0°♉		asc. node	-2934 May	02 j 00:50	10°♈14'33	
superior conj	-2935 May	22 j 12:55	5°♉56'07	1°10'17	superior conj	-2934 May	06 j 22:27	20°♈52'19	0°49'19
minimum elong	-2935 May	22 j 10:23	5°♉42'35	1°09'56	minimum elong	-2934 May	06 j 20:27	20°♈41'28	0°48'59
max. Earth dist.	-2935 May	24 j 21:22	10°♉55'44	1.33778 AU	max. Earth dist.	-2934 May	08 j 04:51	23°♈37'04	1.33008 AU
evening rise	-2935 May	30 j 04:32	21°♉47'42			-2934 May	11 j 04:23	0°♉	
	-2935 Jun	03 j 10:30	0°♊		evening rise	-2934 May	14 j 04:57	6°♉17'23	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2934 May 27 j 00:17	0°♊	
desc. node	-2934 Jun 12 j 17:48	23°♊06'40	
evening max el	-2934 Jun 15 j 11:36	25°♊54'08	27°20'48
	-2934 Jun 20 j 10:36	0°♋	
retrograde	-2934 Jun 29 j 07:48	3°♋16'07	
evening set	-2934 Jul 06 j 10:52	0°♋48'37	
	-2934 Jul 07 j 13:35	30°℞♊	
min. Earth dist.	-2934 Jul 10 j 00:55	27°♊53'38	0.62450 AU
inferior conj	-2934 Jul 12 j 23:42	25°♊05'05	-4°-5'-59
minimum elong	-2934 Jul 13 j 03:03	24°♊57'05	4°05'25
morning rise	-2934 Jul 19 j 21:40	19°♊58'57	
direct	-2934 Jul 22 j 10:08	19°♊30'13	
morning max el	-2934 Jul 29 j 03:18	22°♊55'07	17°55'46
asc. node	-2934 Jul 29 j 00:09	22°♊47'27	
	-2934 Aug 03 j 16:40	0°♋	
morning set	-2934 Aug 14 j 09:29	18°♋18'36	
	-2934 Aug 20 j 23:27	0°♌	
superior conj	-2934 Aug 25 j 15:35	8°♌04'04	1°22'28
minimum elong	-2934 Aug 25 j 20:49	8°♌26'17	1°22'02
max. Earth dist.	-2934 Sep 01 j 15:39	19°♌43'33	1.43024 AU
	-2934 Sep 08 j 01:46	0°♍	
desc. node	-2934 Sep 08 j 17:11	1°♍00'33	
evening rise	-2934 Sep 09 j 14:26	2°♍23'38	
	-2934 Sep 28 j 02:05	0°♎	
greatest brilliancy	-2934 Oct 05 j 04:44	9°♎34'40	-0.4m
evening max el	-2934 Oct 10 j 07:02	15°♎27'40	21°26'08
retrograde	-2934 Oct 19 j 01:33	20°♎39'55	
evening set	-2934 Oct 23 j 04:13	19°♎05'43	
asc. node	-2934 Oct 24 j 23:11	17°♎25'53	
inferior conj	-2934 Oct 28 j 13:54	12°♎50'18	1°13'10
minimum elong	-2934 Oct 28 j 12:16	12°♎55'54	1°12'28
min. Earth dist.	-2934 Oct 28 j 21:03	12°♎25'40	0.67306 AU
morning rise	-2934 Nov 02 j 20:00	6°♎33'34	
direct	-2934 Nov 07 j 20:23	4°♎26'26	
morning max el	-2934 Nov 18 j 05:31	10°♎37'58	23°25'08
greatest brilliancy	-2934 Nov 23 j 22:17	17°♎05'21	-0.2m
	-2934 Dec 03 j 13:42	0°♏	
desc. node	-2934 Dec 05 j 16:43	3°♏03'26	
	-2934 Dec 22 j 22:24	0°♐	
morning set	-2934 Dec 23 j 04:28	0°♐25'28	
max. Earth dist.	-2934 Dec 27 j 11:28	7°♐46'31	1.39283 AU
superior conj	-2933 Jan 04 j 01:05	21°♐25'21	-1°-54'-54
minimum elong	-2933 Jan 04 j 02:36	21°♐32'25	1°54'57
	-2933 Jan 08 j 13:56	0°♑	
evening rise	-2933 Jan 13 j 08:38	9°♑13'35	
asc. node	-2933 Jan 20 j 22:22	23°♑19'03	
	-2933 Jan 25 j 03:18	0°♒	
evening max el	-2933 Jan 29 j 15:48	5°♒27'09	18°38'00
retrograde	-2933 Feb 06 j 11:29	9°♒15'13	
evening set	-2933 Feb 08 j 21:56	8°♒54'26	
inferior conj	-2933 Feb 16 j 12:32	4°♒27'37	3°29'01
minimum elong	-2933 Feb 16 j 16:18	4°♒20'22	3°28'18
min. Earth dist.	-2933 Feb 19 j 21:26	1°♒53'41	0.58199 AU
	-2933 Feb 22 j 17:56	30°℞♑	
morning rise	-2933 Feb 24 j 06:56	29°♑10'32	
direct	-2933 Mar 02 j 04:24	27°♑43'47	
desc. node	-2933 Mar 03 j 15:52	27°♑49'13	
	-2933 Mar 09 j 18:15	0°♒	
morning max el	-2933 Mar 16 j 11:10	5°♒14'41	26°22'23
	-2933 Apr 03 j 14:09	0°♓	
morning set	-2933 Apr 14 j 08:27	20°♓38'40	
asc. node	-2933 Apr 18 j 21:51	0°♈24'45	
	-2933 Apr 18 j 17:18	0°♈	
superior conj	-2933 Apr 21 j 09:53	5°♈53'00	0°26'00
minimum elong	-2933 Apr 21 j 08:45	5°♈46'49	0°25'47
max. Earth dist.	-2933 Apr 21 j 17:09	6°♈32'50	1.32595 AU
evening rise	-2933 Apr 28 j 11:18	21°♈03'57	
	-2933 May 02 j 21:41	0°♉	
	-2933 May 21 j 10:50	0°♊	
evening max el	-2933 May 28 j 15:23	8°♊03'41	26°46'48
desc. node	-2933 May 30 j 14:52	9°♊50'57	
retrograde	-2933 Jun 11 j 15:38	15°♊22'19	
evening set	-2933 Jun 18 j 08:48	13°♊24'31	
min. Earth dist.	-2933 Jun 22 j 04:52	10°♊43'57	0.60471 AU
inferior conj	-2933 Jun 25 j 12:33	7°♊58'03	-4°-24'-48
minimum elong	-2933 Jun 25 j 13:42	7°♊55'38	4°24'41
morning rise	-2933 Jul 02 j 21:47	3°♊13'45	
direct	-2933 Jul 05 j 09:21	2°♊49'57	
morning max el	-2933 Jul 12 j 15:23	6°♊22'19	18°09'17
asc. node	-2933 Jul 15 j 21:14	10°♊04'47	
	-2933 Jul 27 j 17:33	0°♋	
morning set	-2933 Jul 28 j 13:52	1°♋35'01	
superior conj	-2933 Aug 07 j 09:50	19°♋43'35	1°41'41
minimum elong	-2933 Aug 07 j 12:48	19°♋56'53	1°41'36
	-2933 Aug 13 j 06:35	0°♌	
max. Earth dist.	-2933 Aug 14 j 23:49	2°♌55'10	1.41319 AU
evening rise	-2933 Aug 20 j 09:44	11°♌51'44	
desc. node	-2933 Aug 26 j 14:11	21°♌38'52	
	-2933 Sep 01 j 02:12	0°♍	
greatest brilliancy	-2933 Sep 18 j 02:48	23°♍27'16	-0.3m
evening max el	-2933 Sep 22 j 23:39	28°♍54'30	22°43'53
	-2933 Sep 24 j 02:29	0°♎	
retrograde	-2933 Oct 02 j 20:05	4°♎45'11	
evening set	-2933 Oct 07 j 11:56	2°♎51'58	
	-2933 Oct 10 j 05:58	30°℞♍	
asc. node	-2933 Oct 11 j 20:17	27°♍55'08	
inferior conj	-2933 Oct 12 j 20:36	26°♍31'40	0°20'53
minimum elong	-2933 Oct 12 j 20:07	26°♍33'21	0°20'40
min. Earth dist.	-2933 Oct 12 j 17:20	26°♍42'58	0.67489 AU
morning rise	-2933 Oct 18 j 04:14	20°♍17'05	
direct	-2933 Oct 22 j 13:49	18°♍32'07	
morning max el	-2933 Oct 31 j 18:22	23°♍58'43	21°59'45
greatest brilliancy	-2933 Nov 05 j 13:36	29°♍25'38	-0.4m
	-2933 Nov 06 j 00:41	0°♎	
desc. node	-2933 Nov 22 j 13:45	23°♎13'29	
	-2933 Nov 27 j 00:30	0°♏	
morning set	-2933 Dec 03 j 05:47	9°♏46'43	
max. Earth dist.	-2933 Dec 09 j 10:48	19°♏55'54	1.41330 AU
	-2933 Dec 15 j 08:28	0°♐	
superior conj	-2933 Dec 17 j 03:18	3°♐07'47	-1°-55'-34
minimum elong	-2933 Dec 17 j 01:41	3°♐00'36	1°55'38
evening rise	-2933 Dec 27 j 15:58	22°♐17'25	
	-2933 Dec 31 j 20:27	0°♑	
asc. node	-2932 Jan 07 j 19:25	11°♑46'33	
evening max el	-2932 Jan 12 j 23:33	18°♑18'23	18°13'21
retrograde	-2932 Jan 19 j 23:19	21°♑49'26	
evening set	-2932 Jan 22 j 12:53	21°♑21'50	
inferior conj	-2932 Jan 29 j 12:35	16°♑33'03	3°56'41
minimum elong	-2932 Jan 29 j 13:44	16°♑30'29	3°56'32
min. Earth dist.	-2932 Feb 01 j 19:33	13°♑38'17	0.60211 AU
morning rise	-2932 Feb 05 j 11:39	10°♑55'03	
direct	-2932 Feb 12 j 04:25	8°♑50'22	
desc. node	-2932 Feb 18 j 12:57	10°♑33'01	
morning max el	-2932 Feb 26 j 09:16	16°♑31'25	27°20'37
	-2932 Mar 08 j 11:55	0°♒	
	-2932 Mar 26 j 00:31	0°♓	
morning set	-2932 Mar 28 j 17:07	5°♓28'21	
superior conj	-2932 Apr 04 j 21:32	20°♓52'30	0°01'11

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-2932 Apr 04 j 21:29	20°♓52'14	0°01'09	
behind sun begin	-2932 Apr 04 j 16:29	20°♓24'50		
behind sun end	-2932 Apr 05 j 02:30	21°♓19'38		
max. Earth dist.	-2932 Apr 04 j 06:31	19°♓30'20	1.32526 AU	
asc. node	-2932 Apr 04 j 18:52	20°♓37'54		
	-2932 Apr 09 j 01:54	0°♈		
evening rise	-2932 Apr 11 j 21:16	5°♈59'31		
	-2932 Apr 24 j 15:21	0°♉		
evening max el	-2932 May 09 j 12:32	19°♉29'19	25°42'07	
desc. node	-2932 May 16 j 11:55	24°♉45'20		
retrograde	-2932 May 23 j 14:14	26°♉42'41		
evening set	-2932 May 29 j 09:04	25°♉22'49		
min. Earth dist.	-2932 Jun 03 j 00:47	22°♉39'12	0.58435 AU	
inferior conj	-2932 Jun 06 j 07:43	20°♉17'00	-4°-18'-41	
minimum elong	-2932 Jun 06 j 05:15	20°♉21'29	4°18'25	
morning rise	-2932 Jun 14 j 05:21	15°♉55'09		
direct	-2932 Jun 16 j 17:05	15°♉35'15		
morning max el	-2932 Jun 24 j 21:49	19°♉27'15	18°42'51	
asc. node	-2932 Jul 01 j 18:18	28°♉14'11		
	-2932 Jul 02 j 20:27	0°♊		
morning set	-2932 Jul 11 j 06:09	15°♊27'36		
	-2932 Jul 18 j 18:16	0°♋		
superior conj	-2932 Jul 20 j 01:33	2°♋28'14	1°48'38	
minimum elong	-2932 Jul 20 j 02:01	2°♋30'26	1°48'43	
max. Earth dist.	-2932 Jul 27 j 02:58	15°♋22'18	1.39366 AU	
evening rise	-2932 Jul 31 j 05:47	22°♋30'25		
	-2932 Aug 04 j 17:56	0°♌		
desc. node	-2932 Aug 12 j 11:12	12°♌07'39		
	-2932 Aug 25 j 00:38	0°♍		
evening max el	-2932 Sep 04 j 12:03	12°♍22'54	24°04'27	
retrograde	-2932 Sep 15 j 11:19	18°♍50'10		
evening set	-2932 Sep 20 j 17:45	16°♍37'34		
min. Earth dist.	-2932 Sep 25 j 13:19	11°♍02'01	0.67365 AU	
inferior conj	-2932 Sep 26 j 02:55	10°♍15'57	0°-32'-59	
minimum elong	-2932 Sep 26 j 03:42	10°♍13'17	0°32'37	
asc. node	-2932 Sep 27 j 17:24	8°♍08'01		
morning rise	-2932 Oct 01 j 13:54	4°♍06'22		
direct	-2932 Oct 05 j 10:11	2°♍42'12		
morning max el	-2932 Oct 13 j 13:45	7°♍27'58	20°42'05	
greatest brilliancy	-2932 Oct 19 j 15:21	14°♍40'04	-0.5m	
	-2932 Oct 30 j 10:31	0°♎		
desc. node	-2932 Nov 08 j 10:45	13°♎38'28		
morning set	-2932 Nov 11 j 08:02	18°♎06'24		
	-2932 Nov 18 j 20:56	0°♏		
max. Earth dist.	-2932 Nov 20 j 17:09	2°♏58'01	1.43085 AU	
superior conj	-2932 Nov 27 j 04:38	13°♏37'26	-1°-41'-49	
minimum elong	-2932 Nov 26 j 23:00	13°♏13'51	1°41'29	
	-2932 Dec 06 j 17:32	0°♐		
evening rise	-2932 Dec 09 j 08:15	4°♐36'22		
asc. node	-2932 Dec 24 j 16:29	29°♐28'49		
	-2932 Dec 25 j 03:03	0°♑		
evening max el	-2932 Dec 26 j 11:04	1°♑26'36	18°08'25	
retrograde	-2931 Jan 02 j 01:20	4°♑54'12		
evening set	-2931 Jan 04 j 18:04	4°♑18'51		
	-2931 Jan 10 j 09:29	30°℞♐		
inferior conj	-2931 Jan 11 j 05:51	29°♐08'40	3°57'30	
minimum elong	-2931 Jan 11 j 04:40	29°♐11'40	3°57'21	
min. Earth dist.	-2931 Jan 14 j 01:54	26°♐16'25	0.62194 AU	
morning rise	-2931 Jan 17 j 13:08	23°♐16'20		
direct	-2931 Jan 24 j 13:54	20°♐42'01		
desc. node	-2931 Feb 04 j 10:01	25°♐37'17		
morning max el	-2931 Feb 07 j 13:29	28°♐28'27	27°43'41	
	-2931 Feb 09 j 01:27	0°♑		
	-2931 Mar 02 j 06:04	0°♒		
morning set	-2931 Mar 12 j 21:01	20°♒00'41		
	-2931 Mar 17 j 15:50	0°♓		
max. Earth dist.	-2931 Mar 18 j 16:49	2°♓13'53	1.32808 AU	
superior conj	-2931 Mar 20 j 07:43	5°♓44'04	0°-24'-21	
minimum elong	-2931 Mar 20 j 08:49	5°♓50'06	0°24'10	
asc. node	-2931 Mar 22 j 15:53	10°♓49'13		
evening rise	-2931 Mar 27 j 08:49	20°♓56'08		
	-2931 Mar 31 j 19:21	0°♈		
	-2931 Apr 20 j 20:15	0°♉		
evening max el	-2931 Apr 21 j 04:36	0°♉20'13	24°15'46	
desc. node	-2931 May 03 j 08:59	7°♉12'52		
retrograde	-2931 May 05 j 01:44	7°♉19'30		
evening set	-2931 May 09 j 12:31	6°♉35'09		
min. Earth dist.	-2931 May 15 j 16:16	3°♉33'00	0.56643 AU	
inferior conj	-2931 May 18 j 06:50	1°♉54'30	-3°-36'-42	
minimum elong	-2931 May 18 j 01:02	2°♉03'41	3°35'28	
	-2931 May 21 j 10:40	30°℞♈		
morning rise	-2931 May 26 j 17:34	27°♈51'00		
direct	-2931 May 29 j 05:49	27°♈34'05		
	-2931 Jun 05 j 08:17	0°♉		
morning max el	-2931 Jun 07 j 19:51	2°♉00'45	19°36'58	
asc. node	-2931 Jun 18 j 15:20	17°♉03'30		
morning set	-2931 Jun 25 j 06:52	29°♉47'30		
	-2931 Jun 25 j 09:22	0°♊		
superior conj	-2931 Jul 03 j 09:05	16°♊02'02	1°45'59	
minimum elong	-2931 Jul 03 j 07:43	15°♊55'18	1°46'01	
max. Earth dist.	-2931 Jul 09 j 05:16	27°♊15'33	1.37432 AU	
	-2931 Jul 10 j 16:49	0°♋		
evening rise	-2931 Jul 13 j 02:54	4°♋23'06		
	-2931 Jul 28 j 17:58	0°♌		
desc. node	-2931 Jul 30 j 08:12	2°♌21'49		
evening max el	-2931 Aug 17 j 22:54	25°♌54'41	25°20'47	
	-2931 Aug 22 j 17:13	0°♍		
retrograde	-2931 Aug 29 j 22:26	2°♍50'44		
evening set	-2931 Sep 04 j 19:51	0°♍20'47		
	-2931 Sep 05 j 05:11	30°℞♌		
min. Earth dist.	-2931 Sep 09 j 06:38	25°♌21'16	0.66923 AU	
inferior conj	-2931 Sep 10 j 07:08	24°♌01'30	-1°-26'-48	
minimum elong	-2931 Sep 10 j 09:12	23°♌54'46	1°25'55	
asc. node	-2931 Sep 14 j 14:28	19°♌03'15		
morning rise	-2931 Sep 15 j 23:06	17°♌59'57		
direct	-2931 Sep 19 j 08:15	16°♌53'42		
morning max el	-2931 Sep 26 j 16:28	21°♌06'22	19°36'48	
	-2931 Oct 03 j 19:52	0°♍		
greatest brilliancy	-2931 Oct 05 j 06:58	2°♍04'41	-0.7m	
morning set	-2931 Oct 21 j 07:39	26°♍26'19		
	-2931 Oct 23 j 14:37	0°♎		
desc. node	-2931 Oct 26 j 07:45	4°♎13'59		
max. Earth dist.	-2931 Nov 03 j 06:01	16°♎42'20	1.44313 AU	
superior conj	-2931 Nov 07 j 02:42	22°♎51'56	-1°-10'-54	
minimum elong	-2931 Nov 06 j 19:25	22°♎22'41	1°10'08	
	-2931 Nov 11 j 12:40	0°♏		
evening rise	-2931 Nov 21 j 04:59	16°♏02'00		
	-2931 Nov 29 j 13:18	0°♐		
evening max el	-2931 Dec 09 j 23:41	14°♐45'56	18°22'23	
asc. node	-2931 Dec 11 j 13:32	16°♐13'10		
retrograde	-2931 Dec 16 j 13:04	18°♐21'06		
evening set	-2931 Dec 19 j 09:56	17°♐36'40		
inferior conj	-2931 Dec 25 j 12:27	12°♐07'01	3°39'27	
minimum elong	-2931 Dec 25 j 09:53	12°♐14'18	3°38'57	
min. Earth dist.	-2931 Dec 27 j 18:01	9°♐35'39	0.63944 AU	
morning rise	-2931 Dec 31 j 08:22	6°♐04'42		
direct	-2930 Jan 07 j 07:16	3°♐15'25		
morning max el	-2930 Jan 20 j 21:43	11°♐00'47	27°30'35	
desc. node	-2930 Jan 22 j 07:06	12°♐26'07		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2930 Feb	04 j 23:38	0°♉			-2929 Jan	29 j 08:04	0°♉	
	-2930 Feb	22 j 14:56	0°♒		morning set	-2929 Feb	08 j 03:22	17°♉36'12	
morning set	-2930 Feb	24 j 17:34	4°♒06'53		max. Earth dist.	-2929 Feb	12 j 12:58	26°♉12'23	1.34596 AU
max. Earth dist.	-2930 Mar	01 j 20:05	14°♒30'25	1.33483 AU		-2929 Feb	14 j 10:01	0°♒	
superior conj	-2930 Mar	04 j 14:38	20°♒21'42	0°-49'-36	superior conj	-2929 Feb	16 j 16:13	4°♒38'45	-1°-13'-24
minimum elong	-2930 Mar	04 j 16:51	20°♒33'30	0°49'16	minimum elong	-2929 Feb	16 j 19:16	4°♒54'35	1°13'00
	-2930 Mar	09 j 02:39	0°♓		evening rise	-2929 Feb	24 j 05:38	20°♒27'51	
asc. node	-2930 Mar	09 j 12:53	0°♓54'38		asc. node	-2929 Feb	24 j 09:53	20°♒49'51	
evening rise	-2930 Mar	11 j 20:11	5°♓47'31			-2929 Feb	28 j 23:38	0°♓	
	-2930 Mar	24 j 23:38	0°♈		evening max el	-2929 Mar	15 j 20:18	21°♓59'03	21°12'15
evening max el	-2930 Apr	02 j 21:07	11°♈01'06	22°41'22	retrograde	-2929 Mar	27 j 14:15	27°♓37'30	
retrograde	-2930 Apr	16 j 00:29	17°♈28'03		evening set	-2929 Mar	30 j 00:36	27°♓23'53	
evening set	-2930 Apr	19 j 04:28	17°♈06'06		desc. node	-2929 Apr	07 j 03:08	24°♓04'15	
desc. node	-2930 Apr	20 j 06:03	16°♈49'21		inferior conj	-2929 Apr	08 j 06:56	23°♓25'13	0°-19'-27
min. Earth dist.	-2930 Apr	27 j 06:19	13°♈33'50	0.55452 AU	minimum elong	-2929 Apr	08 j 06:01	23°♓26'30	0°19'09
inferior conj	-2930 Apr	28 j 11:38	12°♈51'49	-2°-13'00	min. Earth dist.	-2929 Apr	08 j 20:10	23°♓06'31	0.55127 AU
minimum elong	-2930 Apr	28 j 06:05	12°♈59'47	2°11'17	morning rise	-2929 Apr	17 j 10:57	19°♓19'55	
morning rise	-2930 May	07 j 10:07	8°♈55'39		direct	-2929 Apr	20 j 13:20	18°♓58'58	
direct	-2930 May	10 j 01:25	8°♈39'24		morning max el	-2929 May	03 j 08:04	25°♓06'45	22°21'35
morning max el	-2930 May	21 j 07:20	13°♈54'25	20°50'58		-2929 May	07 j 19:58	0°♈	
	-2930 Jun	02 j 01:39	0°♉		asc. node	-2929 May	23 j 09:23	26°♈04'35	
asc. node	-2930 Jun	05 j 12:21	6°♉22'48		morning set	-2929 May	24 j 23:32	29°♈21'13	
morning set	-2930 Jun	09 j 13:22	14°♉27'18			-2929 May	25 j 06:59	0°♉	
superior conj	-2930 Jun	17 j 03:48	0°♊11'12	1°36'07	superior conj	-2929 Jun	01 j 06:20	14°♉45'47	1°20'54
minimum elong	-2930 Jun	17 j 01:27	29°♉59'06	1°35'59	minimum elong	-2929 Jun	01 j 03:42	14°♉31'52	1°20'37
	-2930 Jun	17 j 01:37	0°♊		max. Earth dist.	-2929 Jun	04 j 07:37	21°♉08'20	1.34391 AU
max. Earth dist.	-2930 Jun	21 j 13:30	9°♊02'47	1.35737 AU		-2929 Jun	08 j 17:10	0°♊	
evening rise	-2930 Jun	25 j 20:29	17°♊17'38		evening rise	-2929 Jun	09 j 05:23	0°♊59'47	
	-2930 Jul	02 j 22:38	0°♋			-2929 Jun	25 j 22:22	0°♋	
desc. node	-2930 Jul	17 j 05:13	22°♋14'06		desc. node	-2929 Jul	04 j 02:13	11°♋35'16	
	-2930 Jul	23 j 00:56	0°♌		evening max el	-2929 Jul	13 j 21:45	22°♋52'10	27°08'33
evening max el	-2930 Jul	31 j 10:06	9°♌27'02	26°24'51		-2929 Jul	25 j 04:12	0°♌	
retrograde	-2930 Aug	13 j 04:38	16°♌40'31		retrograde	-2929 Jul	27 j 05:24	0°♌13'01	
evening set	-2930 Aug	19 j 16:06	13°♌58'09			-2929 Jul	29 j 04:59	30°℞♋	
min. Earth dist.	-2930 Aug	23 j 18:51	9°♌36'44	0.66145 AU	evening set	-2929 Aug	03 j 04:02	27°♋26'36	
inferior conj	-2930 Aug	25 j 07:19	7°♌44'57	-2°-18'-49	min. Earth dist.	-2929 Aug	06 j 23:37	23°♋43'16	0.65006 AU
minimum elong	-2930 Aug	25 j 10:31	7°♌35'09	2°17'37	inferior conj	-2929 Aug	09 j 01:22	21°♋22'49	-3°-6'-46
morning rise	-2930 Aug	31 j 05:51	1°♌54'39		minimum elong	-2929 Aug	09 j 05:18	21°♋11'42	3°05'33
asc. node	-2930 Sep	01 j 11:32	1°♌20'52		morning rise	-2929 Aug	15 j 07:57	15°♋47'13	
direct	-2930 Sep	03 j 06:15	1°♌02'49		direct	-2929 Aug	18 j 02:00	15°♋06'29	
morning max el	-2930 Sep	10 j 01:30	4°♌51'01	18°46'33	asc. node	-2929 Aug	19 j 08:38	15°♋15'14	
	-2930 Sep	27 j 11:37	0°♍		morning max el	-2929 Aug	24 j 14:50	18°♋38'35	18°12'51
morning set	-2930 Oct	01 j 02:36	5°♍46'39			-2929 Sep	02 j 00:32	0°♌	
desc. node	-2930 Oct	13 j 04:44	24°♍55'44		morning set	-2929 Sep	12 j 01:17	16°♌28'11	
	-2930 Oct	16 j 09:59	0°♎			-2929 Sep	20 j 06:40	0°♍	
superior conj	-2930 Oct	17 j 04:59	1°♎14'47	0°-25'-28	superior conj	-2929 Sep	26 j 07:52	9°♍44'09	0°23'53
minimum elong	-2930 Oct	17 j 01:38	1°♎01'36	0°25'03	minimum elong	-2929 Sep	26 j 10:46	9°♍55'44	0°23'32
max. Earth dist.	-2930 Oct	16 j 23:12	0°♎52'00	1.44865 AU	max. Earth dist.	-2929 Sep	29 j 17:40	15°♍08'50	1.44684 AU
evening rise	-2930 Nov	02 j 02:01	26°♎26'16		desc. node	-2929 Sep	30 j 01:42	15°♍40'37	
	-2930 Nov	04 j 07:17	0°♏			-2929 Oct	09 j 04:57	0°♎	
evening max el	-2930 Nov	23 j 10:47	28°♏10'59	18°54'16	evening rise	-2929 Oct	12 j 23:08	5°♎50'50	
	-2930 Nov	25 j 10:14	0°♐			-2929 Oct	28 j 18:31	0°♏	
asc. node	-2930 Nov	28 j 10:35	1°♐44'29		greatest brilliancy	-2929 Oct	29 j 16:47	1°♏20'33	-0.7m
retrograde	-2930 Nov	30 j 06:49	2°♐03'20		evening max el	-2929 Nov	06 j 18:06	11°♏37'56	19°42'31
evening set	-2930 Dec	03 j 09:23	1°♐07'57		retrograde	-2929 Nov	14 j 03:33	15°♏56'06	
	-2930 Dec	04 j 22:52	30°℞♏		asc. node	-2929 Nov	15 j 07:40	15°♏48'11	
inferior conj	-2930 Dec	09 j 04:52	25°♏21'15	3°08'24	evening set	-2929 Nov	17 j 13:48	14°♏47'26	
minimum elong	-2930 Dec	09 j 01:48	25°♏30'41	3°07'33	inferior conj	-2929 Nov	23 j 04:08	8°♏46'45	2°28'19
min. Earth dist.	-2930 Dec	10 j 19:37	23°♏21'56	0.65346 AU	minimum elong	-2929 Nov	23 j 01:17	8°♏56'07	2°27'18
morning rise	-2930 Dec	14 j 17:13	19°♏11'54		min. Earth dist.	-2929 Nov	24 j 05:23	7°♏24'04	0.66376 AU
direct	-2930 Dec	21 j 07:03	16°♏22'37		morning rise	-2929 Nov	28 j 12:05	2°♏32'34	
morning max el	-2929 Jan	03 j 07:14	23°♏57'09	26°45'59		-2929 Dec	03 j 09:30	30°℞♎	
	-2929 Jan	08 j 18:27	0°♐		direct	-2929 Dec	04 j 12:28	29°♎54'52	
desc. node	-2929 Jan	09 j 04:09	0°♐29'17			-2929 Dec	05 j 16:07	0°♏	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-2929 Dec 16 j 16:20	7°♏06'24	25°37'42
desc. node	-2929 Dec 27 j 01:11	19°♏24'45	
	-2928 Jan 03 j 13:32	0°♐	
morning set	-2928 Jan 21 j 21:49	0°♑14'22	
	-2928 Jan 21 j 18:40	0°♑	
max. Earth dist.	-2928 Jan 25 j 18:24	7°♑25'23	1.36158 AU
superior conj	-2928 Jan 31 j 09:45	18°♑26'24	-1°-34'-7
minimum elong	-2928 Jan 31 j 13:04	18°♑43'02	1°33'50
	-2928 Feb 06 j 02:17	0°♒	
evening rise	-2928 Feb 08 j 11:09	4°♒50'02	
asc. node	-2928 Feb 11 j 06:55	10°♒29'17	
	-2928 Feb 23 j 01:19	0°♓	
evening max el	-2928 Feb 26 j 05:37	3°♓29'14	19°57'21
retrograde	-2928 Mar 07 j 06:57	8°♓16'25	
evening set	-2928 Mar 09 j 13:05	8°♓03'02	
inferior conj	-2928 Mar 18 j 06:37	4°♓02'11	1°33'24
minimum elong	-2928 Mar 18 j 10:23	3°♓56'24	1°32'09
min. Earth dist.	-2928 Mar 20 j 10:14	2°♓43'28	0.55739 AU
desc. node	-2928 Mar 24 j 00:13	0°♓45'44	
	-2928 Mar 25 j 18:43	30°℞♒	
morning rise	-2928 Mar 27 j 04:46	29°♒31'23	
direct	-2928 Mar 31 j 05:31	28°♒55'34	
	-2928 Apr 05 j 13:50	0°♓	
morning max el	-2928 Apr 14 j 01:04	5°♓47'57	24°01'00
	-2928 May 01 j 05:09	0°♈	
morning set	-2928 May 08 j 11:30	14°♈21'57	
asc. node	-2928 May 09 j 06:24	16°♈01'32	
superior conj	-2928 May 15 j 13:57	29°♈36'13	1°01'44
minimum elong	-2928 May 15 j 11:35	29°♈23'32	1°01'22
	-2928 May 15 j 18:22	0°♉	
max. Earth dist.	-2928 May 17 j 11:02	3°♉38'01	1.33411 AU
evening rise	-2928 May 23 j 01:10	15°♉15'06	
	-2928 May 30 j 18:59	0°♊	
desc. node	-2928 Jun 19 j 23:15	0°♋11'36	
	-2928 Jun 19 j 19:20	0°♋	
evening max el	-2928 Jun 25 j 08:06	5°♋57'01	27°25'13
retrograde	-2928 Jul 09 j 00:21	13°♋19'26	
evening set	-2928 Jul 16 j 04:25	10°♋40'42	
min. Earth dist.	-2928 Jul 19 j 19:01	7°♋31'10	0.63485 AU
inferior conj	-2928 Jul 22 j 10:38	4°♋49'14	-3°-47'-33
minimum elong	-2928 Jul 22 j 14:32	4°♋39'16	3°46'40
	-2928 Jul 28 j 03:16	30°℞♊	
morning rise	-2928 Jul 29 j 02:39	29°♊31'43	
direct	-2928 Jul 31 j 16:36	28°♊59'16	
	-2928 Aug 04 j 04:55	0°♋	
asc. node	-2928 Aug 05 j 05:43	0°♋40'06	
morning max el	-2928 Aug 07 j 05:58	2°♋23'58	17°56'46
morning set	-2928 Aug 24 j 01:11	28°♋21'49	
	-2928 Aug 24 j 23:43	0°♌	
superior conj	-2928 Sep 05 j 07:35	19°♌17'06	1°05'01
minimum elong	-2928 Sep 05 j 13:10	19°♌40'14	1°04'27
max. Earth dist.	-2928 Sep 11 j 09:53	29°♌13'09	1.43797 AU
	-2928 Sep 11 j 21:35	0°♍	
desc. node	-2928 Sep 15 j 22:42	6°♍25'38	
evening rise	-2928 Sep 21 j 05:05	14°♍38'35	
	-2928 Oct 01 j 07:22	0°♎	
greatest brilliancy	-2928 Oct 13 j 23:19	18°♎06'01	-0.5m
evening max el	-2928 Oct 19 j 19:53	25°♎04'36	20°44'59
retrograde	-2928 Oct 28 j 00:56	29°♎55'59	
evening set	-2928 Oct 31 j 20:59	28°♎31'41	
asc. node	-2928 Nov 01 j 04:46	28°♎16'44	
inferior conj	-2928 Nov 06 j 07:52	22°♎20'23	1°41'55
minimum elong	-2928 Nov 06 j 05:42	22°♎27'48	1°41'03
min. Earth dist.	-2928 Nov 06 j 21:12	21°♎35'00	0.67052 AU
morning rise	-2928 Nov 11 j 14:00	16°♎03'48	
direct	-2928 Nov 16 j 23:06	13°♎44'39	
morning max el	-2928 Nov 28 j 01:04	20°♎21'10	24°15'16
	-2928 Dec 06 j 07:43	0°♏	
desc. node	-2928 Dec 12 j 22:14	8°♏57'17	
	-2928 Dec 26 j 18:35	0°♐	
morning set	-2927 Jan 02 j 19:05	11°♐45'49	
max. Earth dist.	-2927 Jan 06 j 15:36	18°♐33'59	1.38082 AU
	-2927 Jan 12 j 19:49	0°♑	
superior conj	-2927 Jan 13 j 15:46	1°♑35'14	-1°-49'-33
minimum elong	-2927 Jan 13 j 18:22	1°♑47'38	1°49'29
evening rise	-2927 Jan 22 j 10:26	18°♑47'41	
asc. node	-2927 Jan 28 j 03:58	29°♑47'04	
	-2927 Jan 28 j 06:48	0°♒	
evening max el	-2927 Feb 08 j 01:22	15°♒35'46	19°01'10
retrograde	-2927 Feb 16 j 14:02	19°♒41'19	
evening set	-2927 Feb 18 j 22:18	19°♒24'03	
inferior conj	-2927 Feb 26 j 22:37	15°♒08'40	2°57'32
minimum elong	-2927 Feb 27 j 03:20	15°♒00'20	2°56'22
min. Earth dist.	-2927 Mar 02 j 01:50	12°♒57'15	0.57144 AU
morning rise	-2927 Mar 07 j 04:27	10°♒06'37	
desc. node	-2927 Mar 10 j 21:19	9°♒07'18	
direct	-2927 Mar 12 j 10:08	9°♒01'39	
morning max el	-2927 Mar 26 j 16:10	16°♒23'17	25°35'50
	-2927 Apr 06 j 17:28	0°♓	
morning set	-2927 Apr 22 j 23:33	29°♓23'27	
	-2927 Apr 23 j 06:30	0°♈	
asc. node	-2927 Apr 26 j 03:27	6°♈08'27	
superior conj	-2927 Apr 30 j 00:32	14°♈35'21	0°39'41
minimum elong	-2927 Apr 29 j 22:52	14°♈26'17	0°39'22
max. Earth dist.	-2927 Apr 30 j 20:59	16°♈26'48	1.32792 AU
evening rise	-2927 May 07 j 04:26	29°♈52'58	
	-2927 May 07 j 05:48	0°♉	
	-2927 May 23 j 22:07	0°♊	
desc. node	-2927 Jun 06 j 20:18	17°♊44'12	
evening max el	-2927 Jun 07 j 14:43	18°♊29'01	27°10'11
retrograde	-2927 Jun 21 j 12:51	25°♊50'20	
evening set	-2927 Jun 28 j 13:17	23°♊33'35	
min. Earth dist.	-2927 Jul 02 j 04:24	20°♊47'00	0.61631 AU
inferior conj	-2927 Jul 05 j 07:56	17°♊56'53	-4°-16'-24
minimum elong	-2927 Jul 05 j 10:33	17°♊50'57	4°16'03
morning rise	-2927 Jul 12 j 10:37	13°♊00'12	
direct	-2927 Jul 14 j 22:28	12°♊33'50	
morning max el	-2927 Jul 21 j 20:03	16°♊00'26	17°59'11
asc. node	-2927 Jul 23 j 02:49	17°♊21'04	
	-2927 Jul 31 j 15:08	0°♋	
morning set	-2927 Aug 06 j 20:41	11°♋11'49	
superior conj	-2927 Aug 17 j 11:00	0°♌12'27	1°32'18
minimum elong	-2927 Aug 17 j 15:24	0°♌31'36	1°32'01
	-2927 Aug 17 j 08:08	0°♌	
max. Earth dist.	-2927 Aug 24 j 20:48	12°♌45'42	1.42335 AU
evening rise	-2927 Aug 31 j 14:10	23°♌37'10	
desc. node	-2927 Sep 02 j 19:40	27°♌07'20	
	-2927 Sep 04 j 16:10	0°♍	
	-2927 Sep 25 j 10:26	0°♎	
greatest brilliancy	-2927 Sep 27 j 20:31	3°♎04'03	-0.4m
evening max el	-2927 Oct 02 j 15:31	8°♎30'21	21°58'32
retrograde	-2927 Oct 11 j 21:00	13°♎59'38	
evening set	-2927 Oct 16 j 04:58	12°♎17'31	
asc. node	-2927 Oct 19 j 01:53	9°♎19'40	
inferior conj	-2927 Oct 21 j 14:01	5°♎59'21	0°51'15
minimum elong	-2927 Oct 21 j 12:51	6°♎03'23	0°50'46
min. Earth dist.	-2927 Oct 21 j 16:39	5°♎50'12	0.67411 AU
morning rise	-2927 Oct 26 j 20:30	29°♍42'59	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2927 Oct 26 j 12:40	30°℞♍	
direct	-2927 Oct 31 j 14:20	27°♍45'24	
	-2927 Nov 06 j 07:41	0°♎	
morning max el	-2927 Nov 10 j 11:23	3°♎38'31	22°48'18
greatest brilliancy	-2927 Nov 15 j 05:29	8°♎58'50	-0.3m
desc. node	-2927 Nov 29 j 19:14	28°♎55'35	
	-2927 Nov 30 j 12:38	0°♏	
morning set	-2927 Dec 14 j 13:07	21°♏54'57	
	-2927 Dec 19 j 08:53	0°♐	
max. Earth dist.	-2927 Dec 19 j 11:25	0°♐10'53	1.40164 AU
superior conj	-2927 Dec 27 j 05:37	13°♐52'29	-1°-56'-42
minimum elong	-2927 Dec 27 j 06:00	13°♐54'13	1°56'48
	-2926 Jan 04 j 20:35	0°♑	
evening rise	-2926 Jan 06 j 00:29	2°♑12'41	
asc. node	-2926 Jan 15 j 01:01	18°♑35'20	
evening max el	-2926 Jan 22 j 05:33	28°♑12'57	18°25'07
	-2926 Jan 24 j 08:34	0°♒	
retrograde	-2926 Jan 29 j 15:33	1°♒52'00	
evening set	-2926 Feb 01 j 03:14	1°♒28'34	
	-2926 Feb 04 j 06:19	30°℞♑	
inferior conj	-2926 Feb 08 j 11:11	26°♑52'50	3°44'33
minimum elong	-2926 Feb 08 j 13:54	26°♑47'17	3°44'08
min. Earth dist.	-2926 Feb 11 j 20:56	24°♑06'44	0.59038 AU
morning rise	-2926 Feb 15 j 21:02	21°♑25'39	
direct	-2926 Feb 22 j 04:02	19°♑42'05	
desc. node	-2926 Feb 25 j 18:25	20°♑14'53	
morning max el	-2926 Mar 08 j 10:41	27°♑19'00	26°51'01
	-2926 Mar 11 j 00:52	0°♒	
	-2926 Mar 31 j 03:56	0°♓	
morning set	-2926 Apr 07 j 09:58	14°♓19'26	
asc. node	-2926 Apr 13 j 00:28	26°♓20'45	
superior conj	-2926 Apr 14 j 12:17	29°♓36'49	0°15'38
minimum elong	-2926 Apr 14 j 11:36	29°♓33'01	0°15'29
behind sun begin	-2926 Apr 14 j 10:38	29°♓27'46	
behind sun end	-2926 Apr 14 j 12:33	29°♓38'16	
max. Earth dist.	-2926 Apr 14 j 10:01	29°♓24'21	1.32520 AU
	-2926 Apr 14 j 16:31	0°♈	
evening rise	-2926 Apr 21 j 12:34	14°♈44'34	
	-2926 Apr 29 j 06:26	0°♉	
	-2926 May 20 j 07:17	0°♊	
evening max el	-2926 May 20 j 15:43	0°♊20'20	26°22'39
desc. node	-2926 May 24 j 17:22	3°♊46'40	
retrograde	-2926 Jun 03 j 17:29	7°♊37'56	
evening set	-2926 Jun 10 j 02:24	5°♊55'52	
min. Earth dist.	-2926 Jun 14 j 04:52	3°♊15'55	0.59591 AU
inferior conj	-2926 Jun 17 j 13:44	0°♊37'16	-4°-25'-57
minimum elong	-2926 Jun 17 j 13:29	0°♊37'47	4°25'52
	-2926 Jun 18 j 08:45	30°℞♉	
morning rise	-2926 Jun 25 j 04:08	26°♉02'41	
direct	-2926 Jun 27 j 15:30	25°♉40'47	
morning max el	-2926 Jul 05 j 06:11	29°♉20'16	18°21'03
	-2926 Jul 05 j 22:14	0°♊	
asc. node	-2926 Jul 09 j 23:52	5°♊02'47	
morning set	-2926 Jul 21 j 06:40	24°♊45'28	
	-2926 Jul 24 j 00:40	0°♋	
superior conj	-2926 Jul 30 j 15:09	12°♋22'20	1°45'59
minimum elong	-2926 Jul 30 j 17:01	12°♋30'51	1°45'59
max. Earth dist.	-2926 Aug 07 j 02:06	25°♋37'00	1.40500 AU
	-2926 Aug 09 j 16:00	0°♌	
evening rise	-2926 Aug 11 j 19:29	3°♌34'22	
desc. node	-2926 Aug 20 j 16:41	17°♌42'31	
	-2926 Aug 28 j 23:10	0°♍	
greatest brilliancy	-2926 Sep 08 j 18:46	14°♍36'36	-0.2m
evening max el	-2926 Sep 15 j 06:05	21°♍58'00	23°18'16
retrograde	-2926 Sep 25 j 14:16	28°♍05'06	
evening set	-2926 Sep 30 j 12:04	26°♍03'51	
inferior conj	-2926 Oct 05 j 20:46	19°♍42'31	0°-1'-52
minimum elong	-2926 Oct 05 j 20:48	19°♍42'23	0°01'50
transit middle	-2926 Oct 05 j 20:48	19°♍42'23	0°01'50
transit begin	-2926 Oct 05 j 18:07	19°♍51'37	
transit end	-2926 Oct 05 j 23:30	19°♍33'09	
min. Earth dist.	-2926 Oct 05 j 13:12	20°♍08'30	0.67472 AU
asc. node	-2926 Oct 05 j 22:58	19°♍34'59	
morning rise	-2926 Oct 11 j 05:35	13°♍29'26	
direct	-2926 Oct 15 j 09:18	11°♍53'25	
morning max el	-2926 Oct 24 j 02:36	17°♍02'06	21°25'19
greatest brilliancy	-2926 Oct 29 j 07:52	23°♍03'24	-0.4m
	-2926 Nov 03 j 13:04	0°♎	
desc. node	-2926 Nov 16 j 16:15	19°♎12'32	
	-2926 Nov 23 j 15:42	0°♏	
morning set	-2926 Nov 24 j 02:51	0°♏43'53	
max. Earth dist.	-2926 Dec 01 j 12:58	12°♏40'45	1.42128 AU
superior conj	-2926 Dec 08 j 21:49	25°♏05'06	-1°-51'-44
minimum elong	-2926 Dec 08 j 18:28	24°♏50'40	1°51'40
	-2926 Dec 11 j 17:37	0°♐	
evening rise	-2926 Dec 20 j 01:51	14°♐57'41	
	-2926 Dec 28 j 13:08	0°♑	
asc. node	-2925 Jan 01 j 22:04	6°♑44'55	
evening max el	-2925 Jan 05 j 15:16	11°♑12'23	18°08'58
retrograde	-2925 Jan 12 j 09:41	14°♑40'05	
evening set	-2925 Jan 15 j 00:38	14°♑09'14	
inferior conj	-2925 Jan 21 j 18:56	9°♑11'27	3°59'45
minimum elong	-2925 Jan 21 j 19:00	9°♑11'18	3°59'41
min. Earth dist.	-2925 Jan 24 j 22:09	6°♑14'59	0.61075 AU
morning rise	-2925 Jan 28 j 10:47	3°♑26'57	
direct	-2925 Feb 04 j 08:33	1°♑07'51	
desc. node	-2925 Feb 12 j 15:29	4°♑02'24	
morning max el	-2925 Feb 18 j 11:12	8°♑51'39	27°34'54
	-2925 Mar 06 j 17:41	0°♒	
morning set	-2925 Mar 22 j 16:50	29°♒02'35	
	-2925 Mar 23 j 03:58	0°♓	
max. Earth dist.	-2925 Mar 28 j 22:27	12°♓17'21	1.32599 AU
superior conj	-2925 Mar 29 j 23:30	14°♓33'53	0°-9'-36
minimum elong	-2925 Mar 29 j 23:56	14°♓36'17	0°09'33
behind sun begin	-2925 Mar 29 j 19:53	14°♓14'08	
behind sun end	-2925 Mar 30 j 04:00	14°♓58'26	
asc. node	-2925 Mar 30 j 21:27	16°♓33'46	
evening rise	-2925 Apr 05 j 23:25	29°♓41'43	
	-2925 Apr 06 j 02:53	0°♈	
	-2925 Apr 22 j 20:56	0°♉	
evening max el	-2925 May 02 j 10:33	11°♉30'27	25°07'25
desc. node	-2925 May 11 j 14:27	17°♉43'37	
retrograde	-2925 May 16 j 11:31	18°♉38'50	
evening set	-2925 May 21 j 17:17	17°♉35'26	
min. Earth dist.	-2925 May 26 j 22:41	14°♉45'25	0.57624 AU
inferior conj	-2925 May 30 j 00:35	12°♉39'59	-4°-5'-52
minimum elong	-2925 May 29 j 20:30	12°♉47'00	4°05'16
morning rise	-2925 Jun 07 j 03:42	8°♉26'20	
direct	-2925 Jun 09 j 15:35	8°♉07'48	
morning max el	-2925 Jun 18 j 09:18	12°♉13'00	19°03'15
asc. node	-2925 Jun 26 j 20:53	23°♉30'42	
	-2925 Jun 30 j 12:40	0°♊	
morning set	-2925 Jul 05 j 02:56	8°♊51'05	
superior conj	-2925 Jul 13 j 14:13	25°♊29'41	1°48'32
minimum elong	-2925 Jul 13 j 13:49	25°♊27'43	1°48'36
	-2925 Jul 15 j 22:59	0°♋	
max. Earth dist.	-2925 Jul 20 j 04:26	7°♋48'30	1.38534 AU
evening rise	-2925 Jul 24 j 02:39	14°♋45'58	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2925 Aug 02 j 07:22	0°♌	
desc. node	-2925 Aug 07 j 13:41	8°♌06'00	
	-2925 Aug 23 j 17:14	0°♍	
evening max el	-2925 Aug 28 j 17:43	5°♍28'40	24°37'56
retrograde	-2925 Sep 09 j 03:40	12°♍08'39	
evening set	-2925 Sep 14 j 16:29	9°♍48'29	
min. Earth dist.	-2925 Sep 19 j 08:21	4°♍27'55	0.67223 AU
inferior conj	-2925 Sep 20 j 02:24	3°♍27'40	0°-55'-54
minimum elong	-2925 Sep 20 j 03:44	3°♍23'12	0°55'19
asc. node	-2925 Sep 22 j 20:02	29°♌59'24	
	-2925 Sep 22 j 19:49	30°℞♌	
morning rise	-2925 Sep 25 j 15:17	27°♌21'03	
direct	-2925 Sep 29 j 06:40	26°♌04'42	
	-2925 Oct 06 j 10:59	0°♍	
morning max el	-2925 Oct 07 j 01:01	0°♍34'56	20°12'32
greatest brilliancy	-2925 Oct 13 j 23:27	9°♍02'29	-0.6m
	-2925 Oct 28 j 05:43	0°♎	
morning set	-2925 Nov 03 j 00:52	8°♎54'40	
desc. node	-2925 Nov 03 j 13:16	9°♎42'40	
max. Earth dist.	-2925 Nov 13 j 22:38	26°♎04'06	1.43687 AU
	-2925 Nov 16 j 09:14	0°♏	
superior conj	-2925 Nov 19 j 11:29	5°♏02'24	-1°-30'-49
minimum elong	-2925 Nov 19 j 04:35	4°♏34'07	1°30'16
evening rise	-2925 Dec 02 j 10:20	26°♏55'01	
	-2925 Dec 04 j 05:05	0°♐	
asc. node	-2925 Dec 19 j 19:06	24°♐04'29	
evening max el	-2925 Dec 20 j 03:37	24°♐26'26	18°12'09
retrograde	-2925 Dec 26 j 16:21	27°♐55'45	
evening set	-2925 Dec 29 j 10:48	27°♐16'33	
inferior conj	-2924 Jan 04 j 18:19	21°♐57'38	3°51'45
minimum elong	-2924 Jan 04 j 16:25	22°♐02'41	3°51'28
min. Earth dist.	-2924 Jan 07 j 08:18	19°♐12'46	0.62975 AU
morning rise	-2924 Jan 10 j 20:17	16°♐00'54	
direct	-2924 Jan 17 j 21:23	13°♐18'35	
desc. node	-2924 Jan 30 j 12:33	19°♐55'33	
morning max el	-2924 Jan 31 j 17:20	21°♐04'36	27°42'30
	-2924 Feb 08 j 12:23	0°♑	
	-2924 Feb 27 j 17:58	0°♒	
morning set	-2924 Mar 05 j 17:57	13°♒25'12	
max. Earth dist.	-2924 Mar 11 j 06:23	24°♒52'02	1.33046 AU
superior conj	-2924 Mar 13 j 08:31	29°♒20'40	0°-35'-8
minimum elong	-2924 Mar 13 j 10:07	29°♒29'17	0°34'53
	-2924 Mar 13 j 15:49	0°♓	
asc. node	-2924 Mar 16 j 18:28	6°♓43'34	
evening rise	-2924 Mar 20 j 11:07	14°♓37'33	
	-2924 Mar 28 j 05:53	0°♈	
evening max el	-2924 Apr 13 j 02:05	22°♈14'09	23°35'47
retrograde	-2924 Apr 26 j 17:06	29°♈01'34	
desc. node	-2924 Apr 27 j 11:29	29°♈00'14	
evening set	-2924 Apr 30 j 14:11	28°♈28'29	
min. Earth dist.	-2924 May 07 j 13:00	25°♈15'17	0.56053 AU
inferior conj	-2924 May 09 j 15:22	23°♈59'49	-3°-6'-10
minimum elong	-2924 May 09 j 09:04	24°♈09'18	3°04'33
morning rise	-2924 May 18 j 07:29	20°♈01'17	
direct	-2924 May 20 j 20:47	19°♈44'55	
morning max el	-2924 May 31 j 02:56	24°♈30'13	20°06'03
	-2924 Jun 04 j 23:03	0°♉	
asc. node	-2924 Jun 12 j 17:55	12°♉34'02	
morning set	-2924 Jun 18 j 06:25	23°♉20'43	
	-2924 Jun 21 j 12:44	0°♊	
superior conj	-2924 Jun 26 j 03:01	9°♊20'10	1°42'33
minimum elong	-2924 Jun 26 j 01:08	9°♊10'43	1°42'31
max. Earth dist.	-2924 Jul 01 j 08:56	19°♊37'26	1.36682 AU
evening rise	-2924 Jul 05 j 09:08	27°♊06'38	
	-2924 Jul 06 j 23:29	0°♋	
desc. node	-2924 Jul 24 j 10:41	28°♋11'51	
	-2924 Jul 25 j 16:55	0°♌	
evening max el	-2924 Aug 10 j 04:36	19°♌01'19	25°49'54
retrograde	-2924 Aug 22 j 12:35	26°♌05'32	
evening set	-2924 Aug 28 j 16:22	23°♌29'20	
min. Earth dist.	-2924 Sep 01 j 23:39	18°♌46'07	0.66644 AU
inferior conj	-2924 Sep 03 j 05:07	17°♌12'27	-1°-49'-12
minimum elong	-2924 Sep 03 j 07:42	17°♌04'15	1°48'09
morning rise	-2924 Sep 08 j 23:43	11°♌15'30	
asc. node	-2924 Sep 08 j 17:06	11°♌26'09	
direct	-2924 Sep 12 j 04:54	10°♌15'47	
morning max el	-2924 Sep 19 j 06:40	14°♌16'32	19°13'29
	-2924 Sep 30 j 22:55	0°♍	
morning set	-2924 Oct 12 j 06:43	17°♍35'19	
desc. node	-2924 Oct 20 j 10:15	0°♎21'16	
	-2924 Oct 20 j 04:50	0°♎	
max. Earth dist.	-2924 Oct 26 j 14:13	10°♎03'22	1.44637 AU
superior conj	-2924 Oct 28 j 23:17	13°♎49'08	0°-52'-54
minimum elong	-2924 Oct 28 j 16:58	13°♎24'08	0°52'10
	-2924 Nov 08 j 01:11	0°♏	
evening rise	-2924 Nov 12 j 21:24	7°♏55'31	
	-2924 Nov 26 j 14:16	0°♐	
evening max el	-2924 Dec 02 j 15:49	7°♐48'17	18°33'49
asc. node	-2924 Dec 05 j 16:10	10°♐19'36	
retrograde	-2924 Dec 09 j 07:11	11°♐29'55	
evening set	-2924 Dec 12 j 06:15	10°♐41'00	
inferior conj	-2924 Dec 18 j 05:30	5°♐03'26	3°27'37
minimum elong	-2924 Dec 18 j 02:37	5°♐11'56	3°26'57
min. Earth dist.	-2924 Dec 20 j 04:32	2°♐45'00	0.64579 AU
	-2924 Dec 22 j 18:10	30°℞♏	
morning rise	-2924 Dec 23 j 21:44	28°♏57'43	
direct	-2924 Dec 30 j 17:17	26°♏07'06	
	-2923 Jan 08 j 19:27	0°♐	
morning max el	-2923 Jan 13 j 02:37	3°♐49'11	27°15'13
desc. node	-2923 Jan 16 j 09:37	7°♐19'06	
	-2923 Feb 01 j 22:46	0°♑	
morning set	-2923 Feb 17 j 10:23	27°♑16'55	
	-2923 Feb 18 j 19:35	0°♒	
max. Earth dist.	-2923 Feb 22 j 05:50	6°♒55'09	1.33901 AU
superior conj	-2923 Feb 25 j 13:24	13°♒49'51	0°-59'-58
minimum elong	-2923 Feb 25 j 16:01	14°♒03'40	0°59'34
asc. node	-2923 Mar 03 j 15:29	26°♒45'04	
evening rise	-2923 Mar 04 j 21:53	29°♒24'42	
	-2923 Mar 05 j 04:40	0°♓	
	-2923 Mar 23 j 00:58	0°♈	
evening max el	-2923 Mar 25 j 20:30	2°♈58'04	22°02'06
retrograde	-2923 Apr 07 j 11:21	9°♈06'30	
evening set	-2923 Apr 10 j 05:59	8°♈49'22	
desc. node	-2923 Apr 14 j 08:33	7°♈28'04	
min. Earth dist.	-2923 Apr 19 j 02:38	4°♈59'58	0.55197 AU
inferior conj	-2923 Apr 19 j 14:30	4°♈43'15	-1°-27'00
minimum elong	-2923 Apr 19 j 10:33	4°♈48'49	1°25'39
morning rise	-2923 Apr 28 j 16:32	0°♈45'51	
direct	-2923 May 01 j 11:04	0°♈28'39	
morning max el	-2923 May 13 j 09:47	6°♈05'53	21°27'54
	-2923 May 29 j 13:45	0°♉	
asc. node	-2923 May 30 j 14:58	2°♉03'41	
morning set	-2923 Jun 02 j 14:43	8°♉07'20	
superior conj	-2923 Jun 10 j 01:28	23°♉41'35	1°30'13
minimum elong	-2923 Jun 09 j 22:54	23°♉28'19	1°30'02
	-2923 Jun 13 j 03:12	0°♊	
max. Earth dist.	-2923 Jun 13 j 21:02	1°♊29'59	1.35116 AU
evening rise	-2923 Jun 18 j 09:49	10°♊23'00	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2923 Jun 29 j 11:05	0°♋		
desc. node	-2923 Jul 11 j 07:40	17°♋52'27		
	-2923 Jul 21 j 04:32	0°♌		
evening max el	-2923 Jul 23 j 15:54	2°♌31'24	26°46'14	
retrograde	-2923 Aug 05 j 16:41	9°♌49'35		
evening set	-2923 Aug 12 j 09:30	7°♌03'53		
min. Earth dist.	-2923 Aug 16 j 08:54	2°♌59'08	0.65708 AU	
inferior conj	-2923 Aug 18 j 03:00	0°♌54'14	-2°-39'-49	
minimum elong	-2923 Aug 18 j 06:35	0°♌43'36	2°38'34	
	-2923 Aug 18 j 21:24	30°℞♋		
morning rise	-2923 Aug 24 j 04:50	25°♋10'04		
asc. node	-2923 Aug 26 j 14:11	24°♋24'53		
direct	-2923 Aug 27 j 02:10	24°♋23'29		
morning max el	-2923 Sep 02 j 17:58	28°♋03'51	18°30'08	
	-2923 Sep 04 j 12:07	0°♌		
morning set	-2923 Sep 22 j 13:19	27°♌30'16		
	-2923 Sep 24 j 02:19	0°♍		
desc. node	-2923 Oct 07 j 07:14	21°♍04'59		
superior conj	-2923 Oct 07 j 22:59	22°♍07'06	0°-4'-12	
minimum elong	-2923 Oct 07 j 22:25	22°♍04'55	0°04'09	
behind sun begin	-2923 Oct 07 j 11:24	21°♍21'28		
behind sun end	-2923 Oct 08 j 09:27	22°♍48'22		
max. Earth dist.	-2923 Oct 09 j 08:15	24°♍18'12	1.44873 AU	
	-2923 Oct 12 j 23:09	0°♎		
evening rise	-2923 Oct 24 j 07:58	17°♎53'43		
	-2923 Nov 01 j 00:10	0°♏		
greatest brilliancy	-2923 Nov 05 j 03:01	6°♏23'56	-0.7m	
evening max el	-2923 Nov 16 j 01:31	21°♏14'20	19°12'52	
asc. node	-2923 Nov 22 j 13:14	25°♏15'21		
retrograde	-2923 Nov 23 j 02:39	25°♏17'07		
evening set	-2923 Nov 26 j 08:08	24°♏16'32		
inferior conj	-2923 Dec 02 j 01:12	18°♏23'25	2°52'20	
minimum elong	-2923 Dec 01 j 22:09	18°♏33'05	2°51'23	
min. Earth dist.	-2923 Dec 03 j 10:02	16°♏39'13	0.65825 AU	
morning rise	-2923 Dec 07 j 11:18	12°♏11'25		
direct	-2923 Dec 13 j 19:41	9°♏25'50		
morning max el	-2923 Dec 26 j 12:18	16°♏53'04	26°19'15	
desc. node	-2922 Jan 03 j 06:42	25°♏46'54		
	-2922 Jan 06 j 12:00	0°♐		
	-2922 Jan 25 j 19:53	0°♑		
morning set	-2922 Jan 31 j 14:18	10°♑26'14		
max. Earth dist.	-2922 Feb 04 j 17:39	18°♑22'13	1.35205 AU	
superior conj	-2922 Feb 09 j 11:54	27°♑54'57	-1°-22'-42	
minimum elong	-2922 Feb 09 j 15:10	28°♑11'37	1°22'20	
	-2922 Feb 10 j 12:17	0°♒		
evening rise	-2922 Feb 17 j 05:54	13°♒57'31		
asc. node	-2922 Feb 18 j 12:31	16°♒33'53		
	-2922 Feb 25 j 14:10	0°♓		
evening max el	-2922 Mar 07 j 23:42	14°♓07'59	20°38'16	
retrograde	-2922 Mar 19 j 00:57	19°♓24'21		
evening set	-2922 Mar 21 j 07:54	19°♓11'41		
inferior conj	-2922 Mar 30 j 09:51	15°♓14'11	0°30'33	
minimum elong	-2922 Mar 30 j 11:14	15°♓12'10	0°30'03	
min. Earth dist.	-2922 Mar 31 j 16:48	14°♓29'23	0.55270 AU	
desc. node	-2922 Apr 01 j 05:40	14°♓10'59		
morning rise	-2922 Apr 08 j 12:49	10°♓59'08		
direct	-2922 Apr 11 j 23:10	10°♓33'30		
morning max el	-2922 Apr 25 j 06:45	17°♓02'46	23°03'34	
	-2922 May 05 j 14:47	0°♈		
asc. node	-2922 May 17 j 12:00	21°♈52'17		
morning set	-2922 May 18 j 01:50	23°♈04'24		
	-2922 May 21 j 08:18	0°♉		
superior conj	-2922 May 25 j 06:26	8°♉23'46	1°13'11	
minimum elong	-2922 May 25 j 03:51	8°♉10'03	1°12'52	
max. Earth dist.	-2922 May 27 j 19:01	13°♉44'06	1.33921 AU	
evening rise	-2922 Jun 01 j 23:47	24°♉20'34		
	-2922 Jun 04 j 21:46	0°♊		
	-2922 Jun 23 j 00:09	0°♋		
desc. node	-2922 Jun 28 j 04:42	6°♋56'40		
evening max el	-2922 Jul 06 j 03:10	15°♋49'18	27°19'21	
retrograde	-2922 Jul 19 j 15:20	23°♋12'14		
evening set	-2922 Jul 26 j 17:00	20°♋27'25		
min. Earth dist.	-2922 Jul 30 j 10:00	16°♋59'13	0.64397 AU	
inferior conj	-2922 Aug 01 j 17:42	14°♋28'14	-3°-25'-13	
minimum elong	-2922 Aug 01 j 21:44	14°♋17'15	3°24'06	
morning rise	-2922 Aug 08 j 04:09	8°♋59'55		
direct	-2922 Aug 10 j 20:03	8°♋23'11		
asc. node	-2922 Aug 13 j 11:17	8°♋59'08		
morning max el	-2922 Aug 17 j 08:26	11°♋51'28	18°03'46	
	-2922 Aug 29 j 19:31	0°♌		
morning set	-2922 Sep 03 j 23:22	8°♌44'16		
	-2922 Sep 16 j 18:26	0°♍		
superior conj	-2922 Sep 17 j 09:00	0°♍58'59	0°42'50	
minimum elong	-2922 Sep 17 j 13:38	1°♍17'42	0°42'18	
max. Earth dist.	-2922 Sep 22 j 01:35	8°♍29'56	1.44387 AU	
desc. node	-2922 Sep 24 j 04:12	11°♍50'18		
evening rise	-2922 Oct 03 j 20:50	26°♍57'42		
	-2922 Oct 05 j 20:06	0°♎		
greatest brilliancy	-2922 Oct 23 j 08:08	26°♎06'50	-0.6m	
	-2922 Oct 26 j 06:10	0°♏		
evening max el	-2922 Oct 30 j 06:40	4°♏41'19	20°07'33	
retrograde	-2922 Nov 06 j 23:53	9°♏12'55		
asc. node	-2922 Nov 09 j 10:21	8°♏38'35		
evening set	-2922 Nov 10 j 13:58	7°♏58'04		
inferior conj	-2922 Nov 16 j 02:40	1°♏52'39	2°09'15	
minimum elong	-2922 Nov 16 j 00:03	2°♏01'24	2°08'17	
min. Earth dist.	-2922 Nov 16 j 22:46	0°♏45'34	0.66708 AU	
	-2922 Nov 17 j 12:34	30°℞♎		
morning rise	-2922 Nov 21 j 09:32	25°♎37'02		
direct	-2922 Nov 27 j 03:36	23°♎06'17		
	-2922 Dec 08 j 19:08	0°♏		
morning max el	-2922 Dec 08 j 20:58	0°♏04'35	25°03'38	
desc. node	-2922 Dec 21 j 03:45	14°♏59'39		
	-2922 Dec 31 j 10:04	0°♐		
morning set	-2921 Jan 14 j 00:31	22°♐38'08		
max. Earth dist.	-2921 Jan 17 j 18:23	29°♐27'03	1.36938 AU	
	-2921 Jan 18 j 01:29	0°♑		
superior conj	-2921 Jan 24 j 01:03	11°♑27'34	-1°-41'-29	
minimum elong	-2921 Jan 24 j 04:13	11°♑43'07	1°41'18	
evening rise	-2921 Feb 01 j 09:04	28°♑09'54		
	-2921 Feb 02 j 07:05	0°♒		
asc. node	-2921 Feb 05 j 09:34	6°♒04'53		
evening max el	-2921 Feb 18 j 13:46	25°♒54'43	19°31'08	
	-2921 Feb 25 j 05:12	0°♓		
retrograde	-2921 Feb 27 j 22:21	0°♓21'58		
evening set	-2921 Mar 02 j 05:06	0°♓07'18		
	-2921 Mar 02 j 17:37	30°℞♒		
inferior conj	-2921 Mar 10 j 15:30	26°♒01'48	2°13'33	
minimum elong	-2921 Mar 10 j 20:10	25°♒54'14	2°12'09	
min. Earth dist.	-2921 Mar 13 j 07:34	24°♒18'54	0.56253 AU	
morning rise	-2921 Mar 19 j 07:37	21°♒17'33		
desc. node	-2921 Mar 19 j 02:47	21°♒21'41		
direct	-2921 Mar 23 j 20:45	20°♒30'44		
morning max el	-2921 Apr 06 j 22:02	27°♒37'50	24°42'47	
	-2921 Apr 09 j 05:43	0°♓		
	-2921 Apr 28 j 14:46	0°♈		
morning set	-2921 May 02 j 14:03	8°♈06'21		
asc. node	-2921 May 04 j 09:02	11°♈54'13		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-2921 May 09 j 15:34	23°♈19'02	0°52'42
minimum elong	-2921 May 09 j 13:28	23°♈07'38	0°52'20
max. Earth dist.	-2921 May 11 j 01:38	26°♈23'17	1.33103 AU
	-2921 May 12 j 18:03	0°♉	
evening rise	-2921 May 16 j 23:10	8°♉47'20	
	-2921 May 28 j 07:34	0°♊	
desc. node	-2921 Jun 15 j 01:45	25°♊09'06	
evening max el	-2921 Jun 18 j 12:30	28°♊42'50	27°22'59
	-2921 Jun 19 j 22:00	0°♋	
retrograde	-2921 Jul 02 j 07:42	6°♋04'40	
evening set	-2921 Jul 09 j 11:20	3°♋33'55	
min. Earth dist.	-2921 Jul 13 j 01:22	0°♋35'29	0.62730 AU
	-2921 Jul 13 j 16:20	30°℞♊	
inferior conj	-2921 Jul 15 j 22:20	27°♊48'18	-4°-1'-40
minimum elong	-2921 Jul 16 j 01:53	27°♊39'41	4°00'59
morning rise	-2921 Jul 22 j 18:43	22°♊39'00	
direct	-2921 Jul 25 j 07:32	22°♊09'20	
asc. node	-2921 Jul 31 j 08:22	24°♊58'17	
morning max el	-2921 Jul 31 j 23:25	25°♊33'51	17°55'24
	-2921 Aug 04 j 16:45	0°♋	
morning set	-2921 Aug 17 j 08:23	21°♋04'18	
	-2921 Aug 22 j 09:32	0°♌	
superior conj	-2921 Aug 28 j 20:26	11°♌06'41	1°18'21
minimum elong	-2921 Aug 29 j 01:51	11°♌29'33	1°17'52
max. Earth dist.	-2921 Sep 04 j 15:55	22°♌23'08	1.43246 AU
	-2921 Sep 09 j 10:00	0°♍	
desc. node	-2921 Sep 11 j 01:10	2°♍34'21	
evening rise	-2921 Sep 13 j 01:43	5°♍44'02	
	-2921 Sep 29 j 05:30	0°♎	
greatest brilliancy	-2921 Oct 07 j 23:47	12°♎01'12	-0.4m
evening max el	-2921 Oct 13 j 05:58	18°♎08'03	21°15'10
retrograde	-2921 Oct 21 j 20:47	23°♎14'34	
evening set	-2921 Oct 25 j 21:42	21°♎42'56	
asc. node	-2921 Oct 27 j 07:27	20°♎27'52	
inferior conj	-2921 Oct 31 j 07:39	15°♎28'31	1°20'49
minimum elong	-2921 Oct 31 j 05:52	15°♎34'37	1°20'05
min. Earth dist.	-2921 Oct 31 j 16:22	14°♎58'36	0.67253 AU
morning rise	-2921 Nov 05 j 13:42	9°♎11'50	
direct	-2921 Nov 10 j 16:21	7°♎01'33	
morning max el	-2921 Nov 21 j 05:49	13°♎19'28	23°38'09
	-2921 Dec 04 j 16:42	0°♏	
desc. node	-2921 Dec 08 j 00:46	4°♏44'05	
	-2921 Dec 24 j 07:27	0°♐	
morning set	-2921 Dec 26 j 10:45	3°♐35'12	
max. Earth dist.	-2921 Dec 30 j 14:04	10°♐43'45	1.38968 AU
superior conj	-2920 Jan 07 j 00:50	24°♐16'06	-1°-53'-48
minimum elong	-2920 Jan 07 j 02:42	24°♐24'48	1°53'51
	-2920 Jan 10 j 01:22	0°♑	
evening rise	-2920 Jan 16 j 04:47	11°♑54'20	
asc. node	-2920 Jan 23 j 06:38	25°♑10'55	
	-2920 Jan 26 j 03:51	0°♒	
evening max el	-2920 Feb 01 j 13:27	8°♒15'06	18°43'23
retrograde	-2920 Feb 09 j 13:08	12°♒07'14	
evening set	-2920 Feb 11 j 23:03	11°♒47'23	
inferior conj	-2920 Feb 19 j 16:05	7°♒23'33	3°21'53
minimum elong	-2920 Feb 19 j 20:10	7°♒15'52	3°21'03
min. Earth dist.	-2920 Feb 22 j 23:58	4°♒54'55	0.57911 AU
morning rise	-2920 Feb 27 j 13:30	2°♒10'13	
direct	-2920 Mar 04 j 07:05	0°♒49'24	
desc. node	-2920 Mar 04 j 23:53	0°♒50'37	
morning max el	-2920 Mar 18 j 13:52	8°♒18'00	26°11'08
	-2920 Apr 03 j 20:28	0°♓	
morning set	-2920 Apr 16 j 01:36	23°♓06'00	
	-2920 Apr 19 j 07:15	0°♈	
asc. node	-2920 Apr 20 j 06:03	2°♈03'42	
superior conj	-2920 Apr 23 j 02:49	8°♈19'26	0°29'41
minimum elong	-2920 Apr 23 j 01:32	8°♈12'26	0°29'25
max. Earth dist.	-2920 Apr 23 j 13:32	9°♈18'04	1.32637 AU
evening rise	-2920 Apr 30 j 04:47	23°♈31'53	
	-2920 May 03 j 09:14	0°♉	
	-2920 May 21 j 07:08	0°♊	
evening max el	-2920 May 30 j 17:04	10°♊58'17	26°53'50
desc. node	-2920 May 31 j 22:49	12°♊06'58	
retrograde	-2920 Jun 13 j 16:39	18°♊17'25	
evening set	-2920 Jun 20 j 12:12	16°♊14'17	
min. Earth dist.	-2920 Jun 24 j 06:35	13°♊32'46	0.60779 AU
inferior conj	-2920 Jun 27 j 13:28	10°♊45'11	-4°-23'-23
minimum elong	-2920 Jun 27 j 15:03	10°♊41'47	4°23'12
morning rise	-2920 Jul 04 j 20:58	5°♊57'39	
direct	-2920 Jul 07 j 08:37	5°♊33'11	
morning max el	-2920 Jul 14 j 12:05	9°♊03'32	18°06'04
asc. node	-2920 Jul 17 j 05:25	12°♊06'19	
	-2920 Jul 28 j 03:44	0°♋	
morning set	-2920 Jul 30 j 10:36	4°♋14'17	
superior conj	-2920 Aug 09 j 11:00	22°♋35'18	1°39'38
minimum elong	-2920 Aug 09 j 14:22	22°♋50'16	1°39'30
	-2920 Aug 13 j 16:38	0°♌	
max. Earth dist.	-2920 Aug 17 j 00:57	5°♌41'09	1.41592 AU
evening rise	-2920 Aug 22 j 17:57	15°♌03'23	
desc. node	-2920 Aug 27 j 22:09	23°♌13'46	
	-2920 Sep 01 j 08:24	0°♍	
greatest brilliancy	-2920 Sep 20 j 04:49	26°♍13'31	-0.3m
	-2920 Sep 23 j 11:14	0°♎	
evening max el	-2920 Sep 24 j 23:17	1°♎34'42	22°31'57
retrograde	-2920 Oct 04 j 15:45	7°♎19'54	
evening set	-2920 Oct 09 j 05:32	5°♎29'30	
asc. node	-2920 Oct 13 j 04:31	1°♎04'52	
	-2920 Oct 13 j 23:38	30°℞♍	
inferior conj	-2920 Oct 14 j 14:15	29°♍09'35	0°28'56
minimum elong	-2920 Oct 14 j 13:35	29°♍11'54	0°28'39
min. Earth dist.	-2920 Oct 14 j 12:28	29°♍15'44	0.67479 AU
morning rise	-2920 Oct 19 j 21:32	22°♍54'31	
direct	-2920 Oct 24 j 09:11	21°♍06'22	
morning max el	-2920 Nov 02 j 17:58	26°♍39'43	22°12'09
	-2920 Nov 05 j 19:12	0°♎	
greatest brilliancy	-2920 Nov 07 j 11:14	1°♎59'41	-0.4m
desc. node	-2920 Nov 23 j 21:46	24°♎51'19	
	-2920 Nov 27 j 07:22	0°♏	
morning set	-2920 Dec 05 j 16:22	13°♏08'43	
max. Earth dist.	-2920 Dec 11 j 12:27	22°♏44'52	1.41036 AU
	-2920 Dec 15 j 18:27	0°♐	
superior conj	-2920 Dec 19 j 06:14	6°♐07'54	-1°-56'-19
minimum elong	-2920 Dec 19 j 05:11	6°♐03'12	1°56'24
evening rise	-2920 Dec 29 j 13:59	25°♐03'58	
	-2919 Jan 01 j 05:39	0°♑	
asc. node	-2919 Jan 09 j 03:40	13°♑44'07	
evening max el	-2919 Jan 14 j 20:18	21°♑02'32	18°15'44
retrograde	-2919 Jan 21 j 22:26	24°♑35'21	
evening set	-2919 Jan 24 j 11:29	24°♑08'54	
inferior conj	-2919 Jan 31 j 13:13	19°♑23'27	3°54'22
minimum elong	-2919 Jan 31 j 14:46	19°♑20'03	3°54'11
min. Earth dist.	-2919 Feb 03 j 21:12	16°♑30'08	0.59904 AU
morning rise	-2919 Feb 07 j 14:58	13°♑47'54	
direct	-2919 Feb 14 j 05:28	11°♑48'33	
desc. node	-2919 Feb 19 j 20:58	13°♑09'35	
morning max el	-2919 Feb 28 j 11:02	19°♑28'51	27°14'04
	-2919 Mar 09 j 10:21	0°♒	
	-2919 Mar 27 j 12:11	0°♓	
morning set	-2919 Mar 31 j 10:45	7°♓57'14	
max. Earth dist.	-2919 Apr 07 j 02:52	22°♓15'31	1.32512 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-2919 Apr 07 j 03:03	22°♓16'32	
superior conj	-2919 Apr 07 j 14:31	23°♓19'14	0°05'02
minimum elong	-2919 Apr 07 j 14:17	23°♓18'00	0°04'58
behind sun begin	-2919 Apr 07 j 09:30	22°♓51'49	
behind sun end	-2919 Apr 07 j 19:04	23°♓44'11	
	-2919 Apr 10 j 15:49	0°♈	
evening rise	-2919 Apr 14 j 14:17	8°♈26'09	
	-2919 Apr 25 j 21:09	0°♉	
evening max el	-2919 May 12 j 15:03	22°♉29'43	25°53'22
desc. node	-2919 May 18 j 19:54	27°♉20'09	
retrograde	-2919 May 26 j 16:56	29°♉44'39	
evening set	-2919 Jun 01 j 15:49	28°♉18'53	
min. Earth dist.	-2919 Jun 06 j 03:29	25°♉36'48	0.58729 AU
inferior conj	-2919 Jun 09 j 11:27	23°♉09'32	-4°-21'-41
minimum elong	-2919 Jun 09 j 09:34	23°♉13'01	4°21'32
morning rise	-2919 Jun 17 j 07:11	18°♉44'37	
direct	-2919 Jun 19 j 18:48	18°♉24'14	
morning max el	-2919 Jun 27 j 19:34	22°♉12'30	18°36'34
asc. node	-2919 Jul 04 j 02:26	0°♊08'33	
	-2919 Jul 04 j 00:13	0°♊	
morning set	-2919 Jul 14 j 01:18	18°♊01'51	
	-2919 Jul 20 j 06:02	0°♋	
superior conj	-2919 Jul 22 j 23:51	5°♋11'13	1°48'16
minimum elong	-2919 Jul 23 j 00:40	5°♋15'02	1°48'20
max. Earth dist.	-2919 Jul 30 j 04:21	18°♋13'31	1.39657 AU
evening rise	-2919 Aug 03 j 10:01	25°♋30'37	
	-2919 Aug 06 j 02:44	0°♌	
desc. node	-2919 Aug 14 j 19:09	13°♌44'13	
	-2919 Aug 26 j 01:36	0°♍	
evening max el	-2919 Sep 07 j 12:04	15°♍02'27	23°52'34
retrograde	-2919 Sep 18 j 07:35	21°♍25'00	
evening set	-2919 Sep 23 j 11:43	19°♍15'19	
inferior conj	-2919 Sep 28 j 20:43	12°♍53'31	0°-24'-46
minimum elong	-2919 Sep 28 j 21:18	12°♍51'32	0°24'30
min. Earth dist.	-2919 Sep 28 j 08:40	13°♍34'30	0.67399 AU
asc. node	-2919 Sep 30 j 01:34	11°♍16'22	
morning rise	-2919 Oct 04 j 07:04	6°♍42'55	
direct	-2919 Oct 08 j 05:11	5°♍15'50	
morning max el	-2919 Oct 16 j 12:13	10°♍07'28	20°52'56
greatest brilliancy	-2919 Oct 22 j 07:51	16°♍58'31	-0.5m
	-2919 Oct 31 j 15:23	0°♎	
desc. node	-2919 Nov 10 j 18:44	15°♎14'13	
morning set	-2919 Nov 14 j 21:00	21°♎34'16	
	-2919 Nov 20 j 05:18	0°♏	
max. Earth dist.	-2919 Nov 23 j 17:25	5°♏38'27	1.42852 AU
superior conj	-2919 Nov 30 j 11:32	16°♏48'52	-1°-45'00
minimum elong	-2919 Nov 30 j 06:27	16°♏27'29	1°44'43
	-2919 Dec 08 j 03:10	0°♐	
evening rise	-2919 Dec 12 j 08:45	7°♐29'50	
	-2919 Dec 25 j 20:05	0°♑	
asc. node	-2919 Dec 27 j 00:43	1°♑33'50	
evening max el	-2919 Dec 29 j 07:25	4°♑08'33	18°07'56
retrograde	-2918 Jan 04 j 22:30	7°♑35'47	
evening set	-2918 Jan 07 j 14:43	7°♑01'42	
inferior conj	-2918 Jan 14 j 04:07	1°♑54'46	3°58'43
minimum elong	-2918 Jan 14 j 03:14	1°♑56'59	3°58'36
	-2918 Jan 16 j 01:54	30°℞♐	
min. Earth dist.	-2918 Jan 17 j 02:14	29°♐00'36	0.61912 AU
morning rise	-2918 Jan 20 j 13:29	26°♐04'14	
direct	-2918 Jan 27 j 13:49	23°♐33'18	
desc. node	-2918 Feb 06 j 18:02	27°♐54'38	
	-2918 Feb 09 j 04:53	0°♑	
morning max el	-2918 Feb 10 j 14:22	1°♑19'32	27°42'34
	-2918 Mar 03 j 13:50	0°♒	

morning set	-2918 Mar 15 j 15:29	22°♒32'35	
	-2918 Mar 19 j 05:26	0°♓	
max. Earth dist.	-2918 Mar 21 j 13:46	5°♓01'35	1.32737 AU
superior conj	-2918 Mar 23 j 01:00	8°♓12'24	0°-20'-28
minimum elong	-2918 Mar 23 j 01:56	8°♓17'29	0°20'19
asc. node	-2918 Mar 25 j 00:05	12°♓28'33	
evening rise	-2918 Mar 30 j 01:41	23°♓23'00	
	-2918 Apr 02 j 06:40	0°♈	
	-2918 Apr 21 j 01:31	0°♉	
evening max el	-2918 Apr 24 j 07:44	3°♉25'16	24°29'37
desc. node	-2918 May 05 j 16:57	10°♉12'28	
retrograde	-2918 May 08 j 06:25	10°♉27'36	
evening set	-2918 May 12 j 22:05	9°♉38'45	
min. Earth dist.	-2918 May 18 j 19:36	6°♉40'04	0.56878 AU
inferior conj	-2918 May 21 j 13:39	4°♉54'03	-3°-45'-47
minimum elong	-2918 May 21 j 08:13	5°♉02'51	3°44'44
morning rise	-2918 May 29 j 22:24	0°♉48'09	
direct	-2918 Jun 01 j 10:28	0°♉30'54	
morning max el	-2918 Jun 10 j 19:03	4°♉51'42	19°27'33
asc. node	-2918 Jun 20 j 23:29	18°♉52'47	
	-2918 Jun 26 j 21:06	0°♊	
morning set	-2918 Jun 28 j 00:58	2°♊18'27	
superior conj	-2918 Jul 06 j 05:22	18°♊38'48	1°46'53
minimum elong	-2918 Jul 06 j 04:13	18°♊33'13	1°46'57
	-2918 Jul 12 j 04:07	0°♋	
max. Earth dist.	-2918 Jul 12 j 06:23	0°♋10'32	1.37711 AU
evening rise	-2918 Jul 16 j 03:42	7°♋13'19	
	-2918 Jul 29 j 23:55	0°♌	
desc. node	-2918 Aug 01 j 16:09	4°♌01'01	
evening max el	-2918 Aug 20 j 23:05	28°♌34'02	25°10'00
	-2918 Aug 22 j 11:20	0°♍	
retrograde	-2918 Sep 01 j 19:20	5°♍26'20	
evening set	-2918 Sep 07 j 14:29	2°♍58'53	
	-2918 Sep 10 j 10:39	30°℞♌	
min. Earth dist.	-2918 Sep 12 j 02:35	27°♌53'43	0.67011 AU
inferior conj	-2918 Sep 13 j 01:21	26°♌39'03	-1°-18'-41
minimum elong	-2918 Sep 13 j 03:13	26°♌32'53	1°17'54
asc. node	-2918 Sep 16 j 22:38	22°♌01'56	
morning rise	-2918 Sep 18 j 16:27	20°♌35'57	
direct	-2918 Sep 22 j 03:09	19°♌27'09	
morning max el	-2918 Sep 29 j 13:48	23°♌44'13	19°45'34
	-2918 Oct 04 j 19:34	0°♍	
greatest brilliancy	-2918 Oct 07 j 16:01	3°♍55'37	-0.6m
morning set	-2918 Oct 24 j 19:21	29°♍49'06	
	-2918 Oct 24 j 22:09	0°♎	
desc. node	-2918 Oct 28 j 15:43	5°♎48'13	
max. Earth dist.	-2918 Nov 06 j 05:20	19°♎17'01	1.44173 AU
superior conj	-2918 Nov 10 j 13:31	26°♎13'54	-1°-16'-40
minimum elong	-2918 Nov 10 j 06:08	25°♎44'11	1°15'56
	-2918 Nov 12 j 21:22	0°♏	
evening rise	-2918 Nov 24 j 08:38	19°♏03'37	
	-2918 Nov 30 j 19:54	0°♐	
evening max el	-2918 Dec 12 j 20:04	17°♐26'43	18°19'10
asc. node	-2918 Dec 13 j 21:45	18°♐27'48	
retrograde	-2918 Dec 19 j 09:00	20°♐59'54	
evening set	-2918 Dec 22 j 05:13	20°♐16'52	
inferior conj	-2918 Dec 28 j 08:58	14°♐50'00	3°43'07
minimum elong	-2918 Dec 28 j 06:32	14°♐56'46	3°42'40
min. Earth dist.	-2918 Dec 30 j 16:46	12°♐14'42	0.63706 AU
morning rise	-2917 Jan 03 j 06:19	8°♐49'07	
direct	-2917 Jan 10 j 06:07	6°♐01'03	
morning max el	-2917 Jan 23 j 22:02	13°♐46'47	27°34'42
desc. node	-2917 Jan 24 j 15:06	14°♐29'43	
	-2917 Feb 06 j 02:03	0°♑	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2917 Feb 24 j 02:16	0°♒		
morning set	-2917 Feb 27 j 13:19	6°♒43'14		
max. Earth dist.	-2917 Mar 04 j 18:18	17°♒22'40	1.33354 AU	
superior conj	-2917 Mar 07 j 08:33	22°♒52'40	0°-45'-51	
minimum elong	-2917 Mar 07 j 10:37	23°♒03'40	0°45'30	
	-2917 Mar 10 j 16:10	0°♓		
asc. node	-2917 Mar 11 j 21:06	2°♓35'18		
evening rise	-2917 Mar 14 j 13:13	8°♓15'45		
	-2917 Mar 26 j 01:54	0°♈		
evening max el	-2917 Apr 05 j 23:52	14°♈06'11	22°55'28	
retrograde	-2917 Apr 19 j 06:45	20°♈38'52		
evening set	-2917 Apr 22 j 14:49	20°♈14'33		
desc. node	-2917 Apr 22 j 14:03	20°♈15'00		
min. Earth dist.	-2917 Apr 30 j 09:44	16°♈47'45	0.55581 AU	
inferior conj	-2917 May 01 j 20:52	15°♈56'56	-2°-28'-15	
minimum elong	-2917 May 01 j 14:57	16°♈05'31	2°26'29	
morning rise	-2917 May 10 j 17:48	12°♈00'35		
direct	-2917 May 13 j 08:26	11°♈44'24		
morning max el	-2917 May 24 j 08:08	16°♈51'29	20°38'43	
	-2917 Jun 03 j 07:56	0°♉		
asc. node	-2917 Jun 07 j 20:32	8°♉08'14		
morning set	-2917 Jun 12 j 06:48	16°♉55'58		
	-2917 Jun 18 j 14:46	0°♊		
superior conj	-2917 Jun 19 j 22:42	2°♊43'28	1°38'00	
minimum elong	-2917 Jun 19 j 20:26	2°♊31'57	1°37'53	
max. Earth dist.	-2917 Jun 24 j 13:37	11°♊57'47	1.35975 AU	
evening rise	-2917 Jun 28 j 18:38	19°♊59'42		
	-2917 Jul 04 j 08:09	0°♋		
desc. node	-2917 Jul 19 j 13:10	23°♋57'02		
	-2917 Jul 23 j 23:33	0°♌		
evening max el	-2917 Aug 03 j 10:17	12°♌06'55	26°16'21	
retrograde	-2917 Aug 16 j 02:13	19°♌18'00		
evening set	-2917 Aug 22 j 11:46	16°♌37'08		
min. Earth dist.	-2917 Aug 26 j 15:43	12°♌09'57	0.66289 AU	
inferior conj	-2917 Aug 28 j 02:17	10°♌22'55	-2°-11'-7	
minimum elong	-2917 Aug 28 j 05:20	10°♌13'28	2°09'57	
morning rise	-2917 Sep 02 j 23:45	4°♌30'42		
asc. node	-2917 Sep 03 j 19:43	4°♌05'29		
direct	-2917 Sep 06 j 01:21	3°♌36'52		
morning max el	-2917 Sep 12 j 22:00	7°♌27'55	18°52'59	
	-2917 Sep 28 j 18:40	0°♍		
morning set	-2917 Oct 04 j 10:34	8°♍58'15		
desc. node	-2917 Oct 15 j 12:43	26°♍29'09		
	-2917 Oct 17 j 18:17	0°♎		
max. Earth dist.	-2917 Oct 19 j 22:18	3°♎24'49	1.44829 AU	
superior conj	-2917 Oct 20 j 17:42	4°♎41'16	0°-32'-54	
minimum elong	-2917 Oct 20 j 13:26	4°♎24'27	0°32'23	
evening rise	-2917 Nov 05 j 09:24	29°♎37'29		
	-2917 Nov 05 j 14:59	0°♏		
	-2917 Nov 25 j 12:22	0°♐		
evening max el	-2917 Nov 26 j 07:36	0°♐51'28	18°48'27	
asc. node	-2917 Nov 30 j 18:48	4°♐11'23		
retrograde	-2917 Dec 03 j 02:07	4°♐40'39		
evening set	-2917 Dec 06 j 03:46	3°♐46'56		
	-2917 Dec 10 j 08:42	30°℞♏		
inferior conj	-2917 Dec 12 j 00:09	28°♏02'29	3°13'46	
minimum elong	-2917 Dec 11 j 21:07	28°♏11'44	3°12'57	
min. Earth dist.	-2917 Dec 13 j 17:00	25°♏58'07	0.65158 AU	
morning rise	-2917 Dec 17 j 13:25	21°♏54'06		
direct	-2917 Dec 24 j 04:55	19°♏04'08		
morning max el	-2916 Jan 06 j 07:34	26°♏40'41	26°54'26	
	-2916 Jan 09 j 10:38	0°♐		
desc. node	-2916 Jan 11 j 12:10	2°♐23'29		
	-2916 Jan 30 j 16:09	0°♑		

morning set	-2916 Feb 11 j 01:01	20°♑18'59		
max. Earth dist.	-2916 Feb 15 j 13:07	29°♑10'56	1.34405 AU	
	-2916 Feb 15 j 22:49	0°♒		
superior conj	-2916 Feb 19 j 11:07	7°♒13'21	-1°-9'-57	
minimum elong	-2916 Feb 19 j 14:04	7°♒28'45	1°09'33	
evening rise	-2916 Feb 26 j 23:08	22°♒58'23		
asc. node	-2916 Feb 26 j 18:09	22°♒32'31		
	-2916 Mar 01 j 10:06	0°♓		
evening max el	-2916 Mar 17 j 21:40	24°♓59'38	21°24'42	
	-2916 Mar 25 j 12:10	0°♈		
retrograde	-2916 Mar 29 j 21:13	0°♈46'01		
evening set	-2916 Apr 01 j 09:20	0°♈31'44		
	-2916 Apr 03 j 10:48	30°℞♓		
desc. node	-2916 Apr 08 j 11:07	27°♓45'48		
inferior conj	-2916 Apr 10 j 16:40	26°♓31'41	0°-37'-27	
minimum elong	-2916 Apr 10 j 14:55	26°♓34'10	0°36'51	
min. Earth dist.	-2916 Apr 10 j 23:23	26°♓22'15	0.55118 AU	
morning rise	-2916 Apr 19 j 20:32	22°♓29'09		
direct	-2916 Apr 22 j 20:36	22°♓09'26		
morning max el	-2916 May 05 j 10:22	28°♓09'12	22°07'18	
	-2916 May 07 j 06:40	0°♈		
asc. node	-2916 May 24 j 17:37	27°♈46'56		
	-2916 May 25 j 19:41	0°♉		
morning set	-2916 May 26 j 16:35	1°♉47'56		
superior conj	-2916 Jun 03 j 00:16	17°♉14'35	1°23'30	
minimum elong	-2916 Jun 02 j 21:38	17°♉00'44	1°23'13	
max. Earth dist.	-2916 Jun 06 j 06:14	23°♉59'30	1.34569 AU	
	-2916 Jun 09 j 05:42	0°♊		
evening rise	-2916 Jun 11 j 01:33	3°♊35'08		
	-2916 Jun 26 j 04:00	0°♋		
desc. node	-2916 Jul 05 j 10:11	13°♋23'23		
evening max el	-2916 Jul 15 j 21:54	25°♋33'23	27°03'33	
	-2916 Jul 21 j 06:40	0°♌		
retrograde	-2916 Jul 29 j 03:47	2°♌53'31		
evening set	-2916 Aug 05 j 01:09	0°♌06'53		
	-2916 Aug 05 j 04:30	30°℞♋		
min. Earth dist.	-2916 Aug 08 j 21:40	26°♋18'11	0.65202 AU	
inferior conj	-2916 Aug 10 j 21:25	24°♋01'36	-2°-59'-55	
minimum elong	-2916 Aug 11 j 01:17	23°♋50'32	2°58'40	
morning rise	-2916 Aug 17 j 02:45	18°♋23'43		
direct	-2916 Aug 19 j 21:36	17°♋41'33		
asc. node	-2916 Aug 20 j 16:50	17°♋45'02		
morning max el	-2916 Aug 26 j 10:56	21°♋15'23	18°16'47	
	-2916 Sep 02 j 04:27	0°♌		
morning set	-2916 Sep 14 j 05:07	19°♌27'41		
	-2916 Sep 20 j 15:26	0°♍		
superior conj	-2916 Sep 28 j 18:58	13°♍05'05	0°16'43	
minimum elong	-2916 Sep 28 j 21:04	13°♍13'25	0°16'28	
desc. node	-2916 Oct 01 j 09:41	17°♍13'28		
max. Earth dist.	-2916 Oct 01 j 17:00	17°♍42'21	1.44754 AU	
	-2916 Oct 09 j 12:54	0°♎		
evening rise	-2916 Oct 15 j 09:48	9°♎10'00		
	-2916 Oct 28 j 21:56	0°♏		
greatest brilliancy	-2916 Oct 31 j 02:22	3°♏13'59	-0.7m	
evening max el	-2916 Nov 08 j 15:34	14°♏17'51	19°34'22	
retrograde	-2916 Nov 15 j 22:39	18°♏31'52		
asc. node	-2916 Nov 16 j 15:54	18°♏28'54		
evening set	-2916 Nov 19 j 07:37	17°♏25'20		
inferior conj	-2916 Nov 24 j 22:36	11°♏26'23	2°34'50	
minimum elong	-2916 Nov 24 j 19:40	11°♏35'54	2°33'51	
min. Earth dist.	-2916 Nov 26 j 01:43	9°♏58'11	0.66240 AU	
morning rise	-2916 Nov 30 j 07:00	5°♏12'42		
direct	-2916 Dec 06 j 09:29	2°♏32'49		
morning max el	-2916 Dec 18 j 16:56	9°♏48'52	25°49'05	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-2916 Dec	28 j 09:13	21°♏11'54			-2915 Dec	07 j 05:16	0°♏	
	-2915 Jan	03 j 17:41	0°♐		desc. node	-2915 Dec	15 j 06:14	10°♏39'12	
	-2915 Jan	22 j 05:17	0°♑			-2915 Dec	28 j 02:38	0°♐	
morning set	-2915 Jan	23 j 22:06	3°♑05'36		morning set	-2914 Jan	05 j 22:53	14°♐47'33	
max. Earth dist.	-2915 Jan	27 j 20:18	10°♑27'27	1.35899 AU	max. Earth dist.	-2914 Jan	09 j 17:59	21°♐32'41	1.37776 AU
						-2914 Jan	14 j 07:31	0°♑	
superior conj	-2915 Feb	02 j 06:02	21°♑05'36	-1°-31'-16					
minimum elong	-2915 Feb	02 j 09:22	21°♑22'23	1°30'58	superior conj	-2914 Jan	16 j 13:59	4°♑20'15	-1°-47'-40
	-2915 Feb	06 j 14:53	0°♒		minimum elong	-2914 Jan	16 j 16:46	4°♑33'42	1°47'36
evening rise	-2915 Feb	10 j 05:23	7°♒23'26		evening rise	-2914 Jan	25 j 05:41	21°♑24'31	
asc. node	-2915 Feb	12 j 15:11	12°♒14'28			-2914 Jan	29 j 15:47	0°♒	
	-2915 Feb	22 j 19:54	0°♓		asc. node	-2914 Jan	30 j 12:13	1°♒35'30	
evening max el	-2915 Feb	28 j 05:19	6°♓24'03	20°07'20	evening max el	-2914 Feb	10 j 23:37	18°♒25'11	19°08'20
retrograde	-2915 Mar	10 j 12:51	11°♓18'43		retrograde	-2914 Feb	19 j 17:14	22°♒35'54	
evening set	-2915 Mar	12 j 18:54	11°♓05'41		evening set	-2914 Feb	22 j 00:58	22°♒19'27	
inferior conj	-2915 Mar	21 j 14:48	7°♓06'00	1°17'41	inferior conj	-2914 Mar	02 j 03:54	18°♒06'55	2°47'09
minimum elong	-2915 Mar	21 j 18:04	7°♓01'06	1°16'34	minimum elong	-2914 Mar	02 j 08:44	17°♒58'36	2°45'54
min. Earth dist.	-2915 Mar	23 j 13:26	5°♓55'59	0.55591 AU	min. Earth dist.	-2914 Mar	05 j 04:51	16°♒02'18	0.56893 AU
desc. node	-2915 Mar	26 j 08:15	4°♓22'46		morning rise	-2914 Mar	10 j 12:34	13°♒09'12	
morning rise	-2915 Mar	30 j 14:35	2°♓39'34		desc. node	-2914 Mar	13 j 05:21	12°♒22'29	
direct	-2915 Apr	03 j 11:15	2°♓06'54		direct	-2914 Mar	15 j 13:58	12°♒09'16	
morning max el	-2915 Apr	17 j 04:16	8°♓53'44	23°46'10	morning max el	-2914 Mar	29 j 19:13	19°♒27'54	25°22'37
	-2915 May	02 j 13:26	0°♈			-2914 Apr	07 j 16:45	0°♓	
morning set	-2915 May	11 j 04:23	16°♈47'49			-2914 Apr	24 j 19:33	0°♈	
asc. node	-2915 May	11 j 14:40	17°♈41'49		morning set	-2914 Apr	25 j 16:29	1°♈49'18	
	-2915 May	17 j 08:25	0°♉		asc. node	-2914 Apr	28 j 11:40	7°♈47'21	
superior conj	-2915 May	18 j 07:17	2°♉03'02	1°04'52	superior conj	-2914 May	02 j 17:31	17°♈01'12	0°43'12
minimum elong	-2915 May	18 j 04:51	1°♉49'59	1°04'30	minimum elong	-2914 May	02 j 15:44	16°♈51'28	0°42'51
max. Earth dist.	-2915 May	20 j 08:17	6°♉24'58	1.33529 AU	max. Earth dist.	-2914 May	03 j 17:22	19°♈10'56	1.32859 AU
evening rise	-2915 May	25 j 19:56	17°♉46'02			-2914 May	08 j 18:58	0°♉	
	-2915 Jun	01 j 05:05	0°♊		evening rise	-2914 May	09 j 22:14	2°♉21'04	
	-2915 Jun	20 j 13:44	0°♋			-2914 May	25 j 02:28	0°♊	
desc. node	-2915 Jun	22 j 07:13	2°♋07'41		desc. node	-2914 Jun	09 j 04:18	19°♊51'32	
evening max el	-2915 Jun	28 j 08:29	8°♋41'49	27°24'41	evening max el	-2914 Jun	10 j 15:51	21°♊19'31	27°14'36
retrograde	-2915 Jul	11 j 23:47	16°♋04'44		retrograde	-2914 Jun	24 j 13:27	28°♊41'18	
evening set	-2915 Jul	19 j 03:32	13°♋23'50		evening set	-2914 Jul	01 j 15:00	26°♊20'28	
min. Earth dist.	-2915 Jul	22 j 18:33	10°♋09'52	0.63732 AU	min. Earth dist.	-2914 Jul	05 j 05:30	23°♊31'18	0.61920 AU
inferior conj	-2915 Jul	25 j 08:12	7°♋30'16	-3°-42'-5	inferior conj	-2914 Jul	08 j 07:31	20°♊41'17	-4°-13'-9
minimum elong	-2915 Jul	25 j 12:11	7°♋19'57	3°41'07	minimum elong	-2914 Jul	08 j 10:25	20°♊34'33	4°12'43
morning rise	-2915 Jul	31 j 22:46	2°♋10'00		morning rise	-2914 Jul	15 j 08:31	15°♊41'16	
direct	-2915 Aug	03 j 13:08	1°♋36'34		direct	-2914 Jul	17 j 20:31	15°♊14'10	
asc. node	-2915 Aug	07 j 13:56	2°♋57'12		morning max el	-2914 Jul	24 j 16:26	18°♊40'04	17°57'35
morning max el	-2915 Aug	10 j 02:02	5°♋01'53	17°58'00	asc. node	-2914 Jul	25 j 11:00	19°♊27'30	
	-2915 Aug	26 j 09:05	0°♌			-2914 Aug	01 j 21:58	0°♋	
morning set	-2915 Aug	27 j 01:38	1°♌11'39		morning set	-2914 Aug	09 j 18:36	13°♋54'16	
						-2914 Aug	18 j 18:27	0°♌	
superior conj	-2915 Sep	08 j 14:53	22°♌26'50	0°59'38					
minimum elong	-2915 Sep	08 j 20:22	22°♌49'22	0°59'02	superior conj	-2914 Aug	20 j 14:13	3°♌10'02	1°29'05
	-2915 Sep	13 j 06:23	0°♍		minimum elong	-2914 Aug	20 j 18:57	3°♌30'26	1°28'44
max. Earth dist.	-2915 Sep	14 j 09:33	1°♍48'59	1.43970 AU	max. Earth dist.	-2914 Aug	27 j 21:12	15°♌26'36	1.42586 AU
desc. node	-2915 Sep	18 j 06:39	7°♍58'35		evening rise	-2914 Sep	04 j 00:25	26°♌54'21	
evening rise	-2915 Sep	24 j 17:02	18°♍00'33		desc. node	-2914 Sep	05 j 03:38	28°♌41'02	
	-2915 Oct	02 j 13:26	0°♎			-2914 Sep	05 j 23:53	0°♍	
greatest brilliancy	-2915 Oct	16 j 15:39	20°♎23'52	-0.5m		-2914 Sep	26 j 10:14	0°♎	
evening max el	-2915 Oct	22 j 18:13	27°♎44'13	20°34'54	greatest brilliancy	-2914 Sep	30 j 17:49	5°♎36'32	-0.4m
	-2915 Oct	25 j 04:49	0°♏		evening max el	-2914 Oct	05 j 14:46	11°♎10'07	21°47'01
retrograde	-2915 Oct	30 j 20:06	2°♏30'29		retrograde	-2914 Oct	14 j 16:23	16°♎33'26	
evening set	-2915 Nov	03 j 14:30	1°♏08'45		evening set	-2914 Oct	18 j 22:27	14°♎54'12	
asc. node	-2915 Nov	03 j 12:59	1°♏11'29		asc. node	-2914 Oct	21 j 10:03	12°♎25'31	
	-2915 Nov	04 j 22:50	30°℞♎		inferior conj	-2914 Oct	24 j 07:41	8°♎36'55	0°59'09
inferior conj	-2915 Nov	09 j 01:48	24°♎58'47	1°49'15	minimum elong	-2914 Oct	24 j 06:21	8°♎41'32	0°58'35
minimum elong	-2915 Nov	08 j 23:30	25°♎06'35	1°48'21	min. Earth dist.	-2914 Oct	24 j 11:55	8°♎22'19	0.67383 AU
min. Earth dist.	-2915 Nov	09 j 16:51	24°♎07'45	0.66973 AU	morning rise	-2914 Oct	29 j 14:00	2°♎20'17	
morning rise	-2915 Nov	14 j 08:02	18°♎42'15		direct	-2914 Nov	03 j 10:06	0°♎19'18	
direct	-2915 Nov	19 j 19:27	16°♎19'58		morning max el	-2914 Nov	13 j 11:22	6°♎18'57	23°01'03
morning max el	-2915 Dec	01 j 01:37	23°♎02'42	24°27'59	greatest brilliancy	-2914 Nov	18 j 09:09	11°♎49'43	-0.3m

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2914 Dec 01 j 17:58	0°♏	
desc. node	-2914 Dec 02 j 03:13	0°♏33'55	
morning set	-2914 Dec 17 j 21:12	25°♏09'04	
	-2914 Dec 20 j 18:37	0°♐	
max. Earth dist.	-2914 Dec 22 j 13:18	3°♐02'23	1.39854 AU
superior conj	-2914 Dec 30 j 06:34	16°♐45'55	-1°-56'-19
minimum elong	-2914 Dec 30 j 07:23	16°♐49'41	1°56'25
	-2913 Jan 06 j 07:43	0°♑	
evening rise	-2913 Jan 08 j 21:17	4°♑54'29	
asc. node	-2913 Jan 17 j 09:14	20°♑28'33	
	-2913 Jan 24 j 03:55	0°♒	
evening max el	-2913 Jan 25 j 02:45	0°♒58'25	18°29'17
retrograde	-2913 Feb 01 j 15:52	4°♒40'14	
evening set	-2913 Feb 04 j 03:10	4°♒17'45	
	-2913 Feb 11 j 06:01	30°℞♑	
inferior conj	-2913 Feb 11 j 13:23	29°♑45'18	3°39'39
minimum elong	-2913 Feb 11 j 16:29	29°♑39'05	3°39'09
min. Earth dist.	-2913 Feb 14 j 23:10	27°♑02'55	0.58734 AU
morning rise	-2913 Feb 19 j 02:12	24°♑21'31	
direct	-2913 Feb 25 j 06:07	22°♑43'47	
desc. node	-2913 Feb 28 j 02:26	23°♑04'14	
	-2913 Mar 11 j 05:01	0°♒	
morning max el	-2913 Mar 11 j 12:51	0°♒18'53	26°41'39
	-2913 Apr 01 j 13:16	0°♓	
morning set	-2913 Apr 10 j 03:14	16°♓46'37	
asc. node	-2913 Apr 15 j 08:40	27°♓59'11	
	-2913 Apr 16 j 06:46	0°♈	
superior conj	-2913 Apr 17 j 05:11	2°♈02'50	0°19'24
minimum elong	-2913 Apr 17 j 04:20	1°♈58'10	0°19'13
max. Earth dist.	-2913 Apr 17 j 06:14	2°♈08'33	1.32539 AU
evening rise	-2913 Apr 24 j 05:48	17°♈11'26	
	-2913 Apr 30 j 16:20	0°♉	
	-2913 May 20 j 13:24	0°♊	
evening max el	-2913 May 23 j 17:53	3°♊17'33	26°31'43
desc. node	-2913 May 27 j 01:22	6°♊09'45	
retrograde	-2913 Jun 06 j 19:12	10°♊35'25	
evening set	-2913 Jun 13 j 07:15	8°♊47'45	
min. Earth dist.	-2913 Jun 17 j 07:12	6°♊07'51	0.59903 AU
inferior conj	-2913 Jun 20 j 15:50	3°♊26'17	-4°-26'-10
minimum elong	-2913 Jun 20 j 16:06	3°♊25'43	4°26'07
	-2913 Jun 25 j 10:58	30°℞♉	
morning rise	-2913 Jun 28 j 04:23	28°♉48'11	
direct	-2913 Jun 30 j 15:48	28°♉25'38	
	-2913 Jul 05 j 13:59	0°♊	
morning max el	-2913 Jul 08 j 03:15	2°♊02'25	18°16'28
asc. node	-2913 Jul 12 j 08:02	7°♊00'38	
morning set	-2913 Jul 24 j 02:40	27°♊21'55	
	-2913 Jul 25 j 12:03	0°♋	
superior conj	-2913 Aug 02 j 15:00	15°♋09'17	1°44'40
minimum elong	-2913 Aug 02 j 17:15	15°♋19'31	1°44'40
max. Earth dist.	-2913 Aug 10 j 03:26	28°♋24'46	1.40794 AU
	-2913 Aug 11 j 01:50	0°♌	
evening rise	-2913 Aug 15 j 02:04	6°♌40'45	
desc. node	-2913 Aug 23 j 00:38	19°♌17'17	
	-2913 Aug 30 j 04:06	0°♍	
greatest brilliancy	-2913 Sep 12 j 20:17	18°♍33'24	-0.2m
evening max el	-2913 Sep 18 j 06:01	24°♍37'25	23°06'11
	-2913 Sep 25 j 10:21	0°♎	
retrograde	-2913 Sep 28 j 10:04	0°♎38'42	
	-2913 Oct 01 j 05:01	30°℞♍	
evening set	-2913 Oct 03 j 05:45	28°♍40'18	
asc. node	-2913 Oct 08 j 07:07	22°♍44'28	
inferior conj	-2913 Oct 08 j 14:26	22°♍19'19	0°06'17
minimum elong	-2913 Oct 08 j 14:17	22°♍19'50	0°06'14
transit middle	-2913 Oct 08 j 14:17	22°♍19'50	0°06'14
transit begin	-2913 Oct 08 j 11:47	22°♍28'26	
transit end	-2913 Oct 08 j 16:47	22°♍11'15	
min. Earth dist.	-2913 Oct 08 j 08:23	22°♍40'08	0.67488 AU
morning rise	-2913 Oct 13 j 22:48	16°♍05'40	
direct	-2913 Oct 18 j 04:34	14°♍26'29	
morning max el	-2913 Oct 27 j 01:39	19°♍41'12	21°37'08
greatest brilliancy	-2913 Nov 01 j 02:47	25°♍28'22	-0.4m
	-2913 Nov 04 j 14:19	0°♎	
desc. node	-2913 Nov 19 j 00:12	20°♎48'21	
	-2913 Nov 24 j 23:39	0°♏	
morning set	-2913 Nov 27 j 14:46	4°♏08'21	
max. Earth dist.	-2913 Dec 04 j 14:02	15°♏25'00	1.41858 AU
superior conj	-2913 Dec 12 j 02:22	28°♏09'03	-1°-53'-27
minimum elong	-2913 Dec 11 j 23:38	27°♏57'13	1°53'26
	-2913 Dec 13 j 03:48	0°♐	
evening rise	-2913 Dec 23 j 00:47	17°♐45'57	
	-2913 Dec 29 j 19:40	0°♑	
asc. node	-2912 Jan 04 j 06:16	8°♑44'24	
evening max el	-2912 Jan 08 j 11:48	13°♑54'45	18°10'07
retrograde	-2912 Jan 15 j 07:50	17°♑23'17	
evening set	-2912 Jan 17 j 22:20	16°♑53'33	
inferior conj	-2912 Jan 24 j 18:27	11°♑58'52	3°59'09
minimum elong	-2912 Jan 24 j 18:53	11°♑57'51	3°59'03
min. Earth dist.	-2912 Jan 27 j 23:07	9°♑02'33	0.60772 AU
morning rise	-2912 Jan 31 j 12:44	6°♑16'37	
direct	-2912 Feb 07 j 09:01	4°♑02'22	
desc. node	-2912 Feb 14 j 23:29	6°♑29'20	
morning max el	-2912 Feb 21 j 12:26	11°♑45'09	27°30'45
	-2912 Mar 06 j 21:30	0°♒	
	-2912 Mar 23 j 16:51	0°♓	
morning set	-2912 Mar 24 j 10:45	1°♓31'49	
max. Earth dist.	-2912 Mar 30 j 19:02	15°♓03'05	1.32564 AU
superior conj	-2912 Mar 31 j 16:34	17°♓00'32	0°-5'-44
minimum elong	-2912 Mar 31 j 16:49	17°♓01'57	0°05'43
behind sun begin	-2912 Mar 31 j 12:06	16°♓36'07	
behind sun end	-2912 Mar 31 j 21:33	17°♓27'48	
asc. node	-2912 Apr 01 j 05:40	18°♓12'11	
	-2912 Apr 06 j 16:11	0°♈	
evening rise	-2912 Apr 07 j 16:20	2°♈07'53	
	-2912 Apr 22 j 21:38	0°♉	
evening max el	-2912 May 04 j 13:29	14°♉32'47	25°19'59
desc. node	-2912 May 12 j 22:26	20°♉27'55	
retrograde	-2912 May 18 j 14:46	21°♉42'56	
evening set	-2912 May 24 j 01:21	20°♉33'52	
min. Earth dist.	-2912 May 29 j 01:38	17°♉46'24	0.57905 AU
inferior conj	-2912 Jun 01 j 05:38	15°♉34'45	-4°-11'-18
minimum elong	-2912 Jun 01 j 02:06	15°♉40'56	4°10'51
morning rise	-2912 Jun 09 j 06:48	11°♉18'17	
direct	-2912 Jun 11 j 18:41	10°♉59'14	
morning max el	-2912 Jun 20 j 07:33	14°♉59'26	18°55'39
asc. node	-2912 Jun 28 j 05:04	25°♉22'06	
	-2912 Jun 30 j 21:37	0°♊	
morning set	-2912 Jul 06 j 21:36	11°♊23'07	
superior conj	-2912 Jul 15 j 11:35	28°♊08'53	1°48'44
minimum elong	-2912 Jul 15 j 11:28	28°♊08'21	1°48'50
	-2912 Jul 16 j 10:56	0°♋	
max. Earth dist.	-2912 Jul 22 j 06:01	10°♋41'42	1.38826 AU
evening rise	-2912 Jul 26 j 05:21	17°♋40'46	
	-2912 Aug 02 j 15:26	0°♌	
desc. node	-2912 Aug 08 j 21:38	9°♌42'49	
	-2912 Aug 23 j 13:18	0°♍	
evening max el	-2912 Aug 30 j 17:54	8°♍07'26	24°26'21
retrograde	-2912 Sep 11 j 00:06	14°♍43'02	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-2912 Sep 16 j 10:43	12°♍25'27	
min. Earth dist.	-2912 Sep 21 j 03:51	6°♍59'40	0.67280 AU
inferior conj	-2912 Sep 21 j 20:21	6°♍04'19	0°-47'-42
minimum elong	-2912 Sep 21 j 21:29	6°♍00'30	0°47'12
asc. node	-2912 Sep 24 j 04:11	3°♍03'47	
morning rise	-2912 Sep 27 j 08:32	29°♌56'41	
	-2912 Sep 27 j 06:42	30°℞♌	
direct	-2912 Oct 01 j 01:36	28°♌37'41	
	-2912 Oct 05 j 03:20	0°♍	
morning max el	-2912 Oct 08 j 23:01	3°♍13'01	20°22'37
greatest brilliancy	-2912 Oct 15 j 13:27	11°♍11'19	-0.6m
	-2912 Oct 28 j 12:14	0°♎	
desc. node	-2912 Nov 04 j 21:12	11°♎16'52	
morning set	-2912 Nov 05 j 13:50	12°♎21'14	
max. Earth dist.	-2912 Nov 15 j 22:48	28°♎42'20	1.43491 AU
	-2912 Nov 16 j 18:06	0°♏	
superior conj	-2912 Nov 21 j 20:11	8°♏18'00	-1°-35'-7
minimum elong	-2912 Nov 21 j 13:39	7°♏51'05	1°34'38
evening rise	-2912 Dec 04 j 12:09	29°♏51'22	
	-2912 Dec 04 j 14:08	0°♐	
asc. node	-2912 Dec 21 j 03:19	26°♐12'20	
evening max el	-2912 Dec 21 j 23:56	27°♐06'54	18°10'24
	-2912 Dec 25 j 21:42	0°♑	
retrograde	-2912 Dec 28 j 13:01	0°♑35'24	
evening set	-2912 Dec 31 j 06:50	29°♐57'34	
	-2912 Dec 31 j 04:39	30°℞♐	
inferior conj	-2911 Jan 06 j 15:47	24°♐41'34	3°54'08
minimum elong	-2911 Jan 06 j 14:08	24°♐45'56	3°53'53
min. Earth dist.	-2911 Jan 09 j 07:55	21°♐53'49	0.62710 AU
morning rise	-2911 Jan 12 j 19:32	18°♐46'14	
direct	-2911 Jan 19 j 20:39	16°♐06'31	
desc. node	-2911 Jan 31 j 20:33	22°♐05'45	
morning max el	-2911 Feb 02 j 18:00	23°♐52'42	27°43'39
	-2911 Feb 08 j 07:12	0°♑	
	-2911 Feb 28 j 03:47	0°♒	
morning set	-2911 Mar 08 j 12:53	15°♒57'37	
max. Earth dist.	-2911 Mar 14 j 03:55	27°♒40'53	1.32954 AU
	-2911 Mar 15 j 05:52	0°♓	
superior conj	-2911 Mar 16 j 02:01	1°♓48'37	0°-31'-18
minimum elong	-2911 Mar 16 j 03:26	1°♓56'20	0°31'04
asc. node	-2911 Mar 19 j 02:42	8°♓22'18	
evening rise	-2911 Mar 23 j 04:01	17°♓03'42	
	-2911 Mar 29 j 15:00	0°♈	
evening max el	-2911 Apr 16 j 05:01	25°♈17'54	23°49'52
	-2911 Apr 22 j 08:20	0°♉	
retrograde	-2911 Apr 29 j 22:27	2°♉09'59	
desc. node	-2911 Apr 29 j 19:31	2°♉09'57	
evening set	-2911 May 04 j 00:18	1°♉33'13	
	-2911 May 07 j 19:37	30°℞♈	
min. Earth dist.	-2911 May 10 j 16:11	28°♈24'11	0.56244 AU
inferior conj	-2911 May 12 j 23:14	27°♈00'21	-3°-18'00
minimum elong	-2911 May 12 j 17:01	27°♈09'53	3°16'29
morning rise	-2911 May 21 j 13:30	23°♈00'28	
direct	-2911 May 24 j 02:24	22°♈43'58	
morning max el	-2911 Jun 03 j 02:47	27°♈22'22	19°55'30
	-2911 Jun 05 j 15:20	0°♉	
asc. node	-2911 Jun 15 j 02:08	14°♉20'34	
morning set	-2911 Jun 21 j 00:11	25°♉49'28	
	-2911 Jun 23 j 01:35	0°♊	
superior conj	-2911 Jun 28 j 22:38	11°♊53'49	1°43'55
minimum elong	-2911 Jun 28 j 20:55	11°♊45'16	1°43'54
max. Earth dist.	-2911 Jul 04 j 09:41	22°♊31'49	1.36938 AU
evening rise	-2911 Jul 08 j 08:39	29°♊51'47	
	-2911 Jul 08 j 10:28	0°♋	
desc. node	-2911 Jul 26 j 18:40	29°♋51'51	
	-2911 Jul 26 j 20:54	0°♌	
evening max el	-2911 Aug 13 j 04:42	21°♌39'39	25°40'01
retrograde	-2911 Aug 25 j 09:51	28°♌41'19	
evening set	-2911 Aug 31 j 11:26	26°♌07'06	
min. Earth dist.	-2911 Sep 04 j 19:54	21°♌18'13	0.66749 AU
inferior conj	-2911 Sep 05 j 23:38	19°♌49'17	-1°-41'-16
minimum elong	-2911 Sep 06 j 02:02	19°♌41'34	1°40'17
asc. node	-2911 Sep 11 j 01:18	14°♌18'22	
morning rise	-2911 Sep 11 j 17:18	13°♌50'44	
direct	-2911 Sep 14 j 23:48	12°♌48'51	
morning max el	-2911 Sep 22 j 03:43	16°♌53'35	19°21'18
greatest brilliancy	-2911 Oct 02 j 02:25	29°♌56'19	-0.7m
	-2911 Oct 02 j 03:24	0°♍	
morning set	-2911 Oct 15 j 17:02	20°♍53'14	
	-2911 Oct 21 j 12:59	0°♎	
desc. node	-2911 Oct 22 j 18:11	1°♎54'19	
max. Earth dist.	-2911 Oct 29 j 13:30	12°♎36'41	1.44538 AU
superior conj	-2911 Nov 01 j 11:19	17°♎13'32	0°-59'-34
minimum elong	-2911 Nov 01 j 04:31	16°♎46'30	0°58'49
	-2911 Nov 09 j 09:52	0°♏	
evening rise	-2911 Nov 16 j 02:41	11°♏00'45	
	-2911 Nov 27 j 17:09	0°♐	
evening max el	-2911 Dec 05 j 12:20	10°♐27'57	18°29'26
asc. node	-2911 Dec 08 j 00:23	12°♐38'12	
retrograde	-2911 Dec 12 j 02:54	14°♐07'12	
evening set	-2911 Dec 15 j 01:08	13°♐19'56	
inferior conj	-2911 Dec 21 j 01:29	7°♐45'04	3°32'02
minimum elong	-2911 Dec 20 j 22:41	7°♐53'10	3°31'26
min. Earth dist.	-2911 Dec 23 j 02:47	5°♐21'52	0.64366 AU
morning rise	-2911 Dec 26 j 18:55	1°♐40'23	
	-2911 Dec 29 j 05:20	30°℞♏	
direct	-2910 Jan 02 j 15:45	28°♏49'55	
	-2910 Jan 07 j 10:42	0°♐	
morning max el	-2910 Jan 16 j 03:04	6°♐33'35	27°21'10
desc. node	-2910 Jan 18 j 17:36	9°♐17'32	
	-2910 Feb 03 j 04:30	0°♑	
morning set	-2910 Feb 20 j 06:52	29°♑54'46	
	-2910 Feb 20 j 07:56	0°♒	
max. Earth dist.	-2910 Feb 25 j 04:47	9°♒48'45	1.33745 AU
superior conj	-2910 Feb 28 j 07:41	16°♒20'58	0°-56'-19
minimum elong	-2910 Feb 28 j 10:10	16°♒34'06	0°55'56
asc. node	-2910 Mar 05 j 23:45	28°♒25'21	
	-2910 Mar 06 j 17:39	0°♓	
evening rise	-2910 Mar 07 j 15:05	1°♓52'32	
	-2910 Mar 23 j 15:40	0°♈	
evening max el	-2910 Mar 28 j 22:39	6°♈00'13	22°15'41
retrograde	-2910 Apr 10 j 18:20	12°♈15'39	
evening set	-2910 Apr 13 j 15:50	11°♈57'08	
desc. node	-2910 Apr 16 j 16:36	11°♈01'28	
min. Earth dist.	-2910 Apr 22 j 06:02	8°♈14'04	0.55262 AU
inferior conj	-2910 Apr 23 j 00:10	7°♈48'25	-1°-43'-56
minimum elong	-2910 Apr 22 j 19:33	7°♈54'56	1°42'25
morning rise	-2910 May 02 j 01:05	3°♈51'51	
direct	-2910 May 04 j 18:14	3°♈35'08	
morning max el	-2910 May 16 j 11:18	9°♈04'40	21°14'44
	-2910 May 31 j 00:03	0°♉	
asc. node	-2910 Jun 01 j 23:12	3°♉46'57	
morning set	-2910 Jun 05 j 07:57	10°♉34'12	
superior conj	-2910 Jun 12 j 19:54	26°♉11'40	1°32'27
minimum elong	-2910 Jun 12 j 17:24	25°♉58'45	1°32'16
	-2910 Jun 14 j 16:23	0°♊	
max. Earth dist.	-2910 Jun 16 j 20:22	4°♊22'11	1.35323 AU
evening rise	-2910 Jun 21 j 07:01	13°♊01'20	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2910 Jun	30 j 19:31	0°♋	
desc. node	-2910 Jul	13 j 15:42	19°♋37'14	
	-2910 Jul	21 j 19:19	0°♌	
evening max el	-2910 Jul	26 j 15:58	5°♌10'59	26°39'11
retrograde	-2910 Aug	08 j 14:45	12°♌27'55	
evening set	-2910 Aug	15 j 05:45	9°♌43'11	
min. Earth dist.	-2910 Aug	19 j 06:18	5°♌32'34	0.65870 AU
inferior conj	-2910 Aug	20 j 22:25	3°♌32'07	-2°-32'-27
minimum elong	-2910 Aug	21 j 01:52	3°♌21'44	2°31'12
	-2910 Aug	24 j 02:05	30°℞♋	
morning rise	-2910 Aug	26 j 23:04	27°♋45'41	
asc. node	-2910 Aug	28 j 22:23	27°♋02'34	
direct	-2910 Aug	29 j 21:23	26°♋57'24	
	-2910 Sep	04 j 21:46	0°♌	
morning max el	-2910 Sep	05 j 14:18	0°♌40'23	18°35'29
	-2910 Sep	25 j 10:33	0°♍	
morning set	-2910 Sep	25 j 19:29	0°♍35'56	
desc. node	-2910 Oct	09 j 15:11	22°♍37'29	
superior conj	-2910 Oct	11 j 11:28	25°♍31'59	0°-11'-47
minimum elong	-2910 Oct	11 j 09:54	25°♍25'50	0°11'35
behind sun begin	-2910 Oct	11 j 01:48	24°♍53'54	
behind sun end	-2910 Oct	11 j 18:00	25°♍57'45	
max. Earth dist.	-2910 Oct	12 j 07:06	26°♍49'19	1.44888 AU
	-2910 Oct	14 j 07:34	0°♎	
evening rise	-2910 Oct	27 j 16:53	21°♎07'53	
	-2910 Nov	02 j 06:57	0°♏	
evening max el	-2910 Nov	18 j 22:35	23°♏53'42	19°06'03
asc. node	-2910 Nov	24 j 21:28	27°♏46'55	
retrograde	-2910 Nov	25 j 21:49	27°♏52'42	
evening set	-2910 Nov	29 j 02:14	26°♏54'00	
inferior conj	-2910 Dec	04 j 20:07	21°♏03'08	2°58'11
minimum elong	-2910 Dec	04 j 17:03	21°♏12'46	2°57'17
min. Earth dist.	-2910 Dec	06 j 07:00	19°♏13'30	0.65667 AU
morning rise	-2910 Dec	10 j 06:56	14°♏51'59	
direct	-2910 Dec	16 j 17:17	12°♏04'48	
morning max el	-2910 Dec	29 j 12:42	19°♏35'00	26°29'00
desc. node	-2909 Jan	05 j 14:39	27°♏36'57	
	-2909 Jan	07 j 11:32	0°♐	
	-2909 Jan	27 j 05:28	0°♑	
morning set	-2909 Feb	03 j 12:58	13°♑11'33	
max. Earth dist.	-2909 Feb	07 j 18:20	21°♑20'43	1.34982 AU
superior conj	-2909 Feb	12 j 07:21	0°♒30'36	-1°-19'-27
minimum elong	-2909 Feb	12 j 10:33	0°♒47'03	1°19'05
	-2909 Feb	12 j 01:23	0°♒	
evening rise	-2909 Feb	19 j 23:40	16°♒28'12	
asc. node	-2909 Feb	20 j 20:47	18°♒16'37	
	-2909 Feb	26 j 21:27	0°♓	
evening max el	-2909 Mar	11 j 00:25	17°♓05'46	20°49'48
retrograde	-2909 Mar	22 j 07:37	22°♓29'47	
evening set	-2909 Mar	24 j 15:27	22°♓16'57	
inferior conj	-2909 Apr	02 j 19:10	18°♓19'30	0°12'57
minimum elong	-2909 Apr	02 j 19:46	18°♓18'39	0°12'43
transit middle	-2909 Apr	02 j 19:46	18°♓18'39	0°12'43
transit begin	-2909 Apr	02 j 17:20	18°♓22'08	
transit end	-2909 Apr	02 j 22:12	18°♓15'09	
desc. node	-2909 Apr	03 j 13:42	17°♓52'57	
min. Earth dist.	-2909 Apr	03 j 20:10	17°♓43'43	0.55199 AU
morning rise	-2909 Apr	11 j 22:44	14°♓08'07	
direct	-2909 Apr	15 j 06:04	13°♓44'20	
morning max el	-2909 Apr	28 j 09:29	20°♓06'29	22°48'48
	-2909 May	06 j 15:42	0°♈	
asc. node	-2909 May	19 j 20:15	23°♈33'10	
morning set	-2909 May	20 j 18:47	25°♈30'06	
	-2909 May	22 j 22:00	0°♉	
superior conj	-2909 May	28 j 00:05	10°♉51'12	1°16'03
minimum elong	-2909 May	27 j 21:28	10°♉37'21	1°15'43
max. Earth dist.	-2909 May	30 j 16:57	16°♉32'46	1.34075 AU
evening rise	-2909 Jun	04 j 19:18	26°♉53'41	
	-2909 Jun	06 j 09:33	0°♊	
	-2909 Jun	24 j 02:50	0°♋	
desc. node	-2909 Jun	30 j 12:45	8°♋47'52	
evening max el	-2909 Jul	09 j 03:28	18°♋31'52	27°16'12
retrograde	-2909 Jul	22 j 14:12	25°♋54'07	
evening set	-2909 Jul	29 j 14:53	23°♋08'34	
min. Earth dist.	-2909 Aug	02 j 08:45	19°♋35'07	0.64618 AU
inferior conj	-2909 Aug	04 j 14:20	17°♋07'41	-3°-18'-51
minimum elong	-2909 Aug	04 j 18:22	16°♋56'36	3°17'41
morning rise	-2909 Aug	10 j 23:25	11°♋36'40	
direct	-2909 Aug	13 j 16:01	10°♋58'35	
asc. node	-2909 Aug	15 j 19:29	11°♋22'44	
morning max el	-2909 Aug	20 j 04:25	14°♋28'06	18°06'33
	-2909 Aug	31 j 02:51	0°♌	
morning set	-2909 Sep	07 j 01:41	11°♌39'10	
	-2909 Sep	18 j 03:28	0°♍	
superior conj	-2909 Sep	20 j 18:39	4°♍15'12	0°36'19
minimum elong	-2909 Sep	20 j 22:46	4°♍31'45	0°35'49
max. Earth dist.	-2909 Sep	25 j 00:55	11°♍03'24	1.44507 AU
desc. node	-2909 Sep	26 j 12:10	13°♍22'56	
evening rise	-2909 Oct	07 j 08:25	0°♎18'42	
	-2909 Oct	07 j 03:35	0°♎	
greatest brilliancy	-2909 Oct	25 j 21:38	28°♎14'44	-0.6m
	-2909 Oct	27 j 04:08	0°♏	
evening max el	-2909 Nov	02 j 04:33	7°♏21'06	19°58'32
retrograde	-2909 Nov	09 j 18:54	11°♏47'45	
asc. node	-2909 Nov	11 j 18:31	11°♏24'58	
evening set	-2909 Nov	13 j 07:36	10°♏35'07	
inferior conj	-2909 Nov	18 j 20:51	4°♏31'21	2°16'10
minimum elong	-2909 Nov	18 j 18:08	4°♏40'21	2°15'11
min. Earth dist.	-2909 Nov	19 j 18:44	3°♏18'46	0.66600 AU
	-2909 Nov	22 j 10:53	30°℞♎	
morning rise	-2909 Nov	24 j 04:03	28°♎16'15	
direct	-2909 Nov	30 j 00:24	25°♎42'53	
	-2909 Dec	08 j 22:08	0°♏	
morning max el	-2909 Dec	11 j 21:28	2°♏45'58	25°15'48
desc. node	-2909 Dec	23 j 11:42	16°♏44'01	
	-2908 Jan	01 j 16:19	0°♐	
morning set	-2908 Jan	17 j 02:12	25°♐33'19	
	-2908 Jan	19 j 12:45	0°♑	
max. Earth dist.	-2908 Jan	20 j 20:40	2°♑28'17	1.36659 AU
superior conj	-2908 Jan	26 j 22:07	14°♑09'05	-1°-38'-59
minimum elong	-2908 Jan	27 j 01:21	14°♑25'08	1°38'46
	-2908 Feb	03 j 18:53	0°♒	
evening rise	-2908 Feb	04 j 03:42	0°♒44'28	
asc. node	-2908 Feb	07 j 17:49	7°♒50'56	
evening max el	-2908 Feb	21 j 12:52	28°♒47'03	19°39'52
	-2908 Feb	22 j 21:46	0°♓	
retrograde	-2908 Mar	02 j 03:04	3°♓20'54	
evening set	-2908 Mar	04 j 09:34	3°♓06'43	
	-2908 Mar	11 j 10:02	30°℞♒	
inferior conj	-2908 Mar	12 j 22:32	29°♒03'05	1°59'54
minimum elong	-2908 Mar	13 j 02:58	28°♒56'03	1°58'31
min. Earth dist.	-2908 Mar	15 j 10:35	27°♒28'29	0.56061 AU
desc. node	-2908 Mar	20 j 10:46	24°♒50'50	
morning rise	-2908 Mar	21 j 16:58	24°♒23'38	
direct	-2908 Mar	26 j 01:45	23°♒40'58	
	-2908 Apr	08 j 06:45	0°♓	
morning max el	-2908 Apr	09 j 01:12	0°♓43'05	24°28'18
	-2908 Apr	29 j 01:47	0°♈	
morning set	-2908 May	04 j 06:54	10°♈31'29	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-2908 May 05 j 17:17	13°♈33'24	
	-2908 May 11 j 08:40	25°♈44'34	0°55'59
superior conj	-2908 May 11 j 06:28	25°♈32'40	0°55'37
minimum elong	-2908 May 12 j 22:31	29°♈08'41	1.33206 AU
max. Earth dist.	-2908 May 13 j 08:05	0°♉	
	-2908 May 18 j 17:27	11°♉16'22	
evening rise	-2908 May 28 j 15:57	0°♊	
	-2908 Jun 16 j 09:47	27°♊08'56	
desc. node	-2908 Jun 19 j 01:08	0°♋	
	-2908 Jun 20 j 13:13	1°♋29'21	27°24'28
evening max el	-2908 Jul 04 j 07:20	8°♋51'12	
retrograde	-2908 Jul 11 j 11:22	6°♋17'25	
evening set	-2908 Jul 15 j 01:29	3°♋15'21	0.63000 AU
min. Earth dist.	-2908 Jul 17 j 20:37	0°♋29'47	-3°-56'-58
inferior conj	-2908 Jul 18 j 00:19	0°♋20'38	3°56'14
minimum elong	-2908 Jul 18 j 08:42	30°℞♊	
	-2908 Jul 24 j 15:26	25°♊17'31	
morning rise	-2908 Jul 27 j 04:38	24°♊46'54	
direct	-2908 Aug 01 j 16:33	27°♊09'40	
asc. node	-2908 Aug 02 j 19:27	28°♊11'14	17°55'30
morning max el	-2908 Aug 04 j 11:30	0°♋	
	-2908 Aug 19 j 07:36	23°♋50'10	
morning set	-2908 Aug 22 j 19:38	0°♌	
	-2908 Aug 31 j 01:51	14°♌10'18	1°13'55
superior conj	-2908 Aug 31 j 07:23	14°♌33'33	1°13'22
minimum elong	-2908 Sep 06 j 16:05	25°♌01'24	1.43450 AU
max. Earth dist.	-2908 Sep 09 j 18:34	0°♍	
	-2908 Sep 12 j 09:09	4°♍07'27	
desc. node	-2908 Sep 15 j 13:13	9°♍04'26	
evening rise	-2908 Sep 29 j 09:55	0°♎	
	-2908 Oct 09 j 18:00	14°♎24'50	-0.5m
greatest brilliancy	-2908 Oct 15 j 04:42	20°♎47'49	21°04'25
evening max el	-2908 Oct 23 j 15:56	25°♎48'53	
retrograde	-2908 Oct 27 j 15:09	24°♎19'47	
evening set	-2908 Oct 28 j 15:35	23°♎27'59	
asc. node	-2908 Nov 02 j 01:24	18°♎06'23	1°28'27
inferior conj	-2908 Nov 01 j 23:28	18°♎12'59	1°27'39
minimum elong	-2908 Nov 02 j 11:41	17°♎31'10	0.67190 AU
min. Earth dist.	-2908 Nov 07 j 07:26	11°♎49'45	
morning rise	-2908 Nov 12 j 12:21	9°♎36'21	
direct	-2908 Nov 23 j 06:11	16°♎00'45	23°51'12
morning max el	-2908 Dec 04 j 18:43	0°♏	
	-2908 Dec 09 j 08:41	6°♏24'19	
desc. node	-2908 Dec 24 j 16:20	0°♐	
	-2908 Dec 28 j 16:21	6°♐42'29	
morning set	-2907 Jan 01 j 16:44	13°♐41'36	1.38657 AU
max. Earth dist.	-2907 Jan 09 j 00:07	27°♐04'48	-1°-52'-31
superior conj	-2907 Jan 09 j 02:16	27°♐14'58	1°52'30
minimum elong	-2907 Jan 10 j 12:59	0°♑	
	-2907 Jan 18 j 00:40	14°♑33'35	
evening rise	-2907 Jan 24 j 14:49	27°♑01'13	
asc. node	-2907 Jan 26 j 08:00	0°♒	
	-2907 Feb 03 j 11:11	11°♒02'37	18°49'11
evening max el	-2907 Feb 11 j 15:11	14°♒59'11	
retrograde	-2907 Feb 14 j 00:31	14°♒40'17	
evening set	-2907 Feb 21 j 20:03	10°♒19'22	3°13'55
inferior conj	-2907 Feb 22 j 00:24	10°♒11'21	3°12'59
minimum elong	-2907 Feb 25 j 02:36	7°♒56'26	0.57636 AU
min. Earth dist.	-2907 Mar 01 j 20:28	5°♒09'52	
morning rise	-2907 Mar 07 j 09:59	3°♒54'50	
direct	-2907 Mar 07 j 07:51	3°♒54'51	
desc. node	-2907 Mar 21 j 16:40	11°♒21'04	25°59'15
morning max el	-2907 Apr 05 j 01:32	0°♓	
morning set	-2907 Apr 18 j 18:37	25°♓31'59	
	-2907 Apr 20 j 21:08	0°♈	
asc. node	-2907 Apr 22 j 14:17	3°♈42'10	
superior conj	-2907 Apr 25 j 19:42	10°♈44'41	0°33'17
minimum elong	-2907 Apr 25 j 18:17	10°♈36'55	0°33'01
max. Earth dist.	-2907 Apr 26 j 09:49	12°♈01'50	1.32686 AU
evening rise	-2907 May 02 j 22:16	25°♈58'45	
	-2907 May 04 j 21:29	0°♉	
	-2907 May 22 j 06:32	0°♊	
evening max el	-2907 Jun 02 j 18:30	13°♊50'44	27°00'13
desc. node	-2907 Jun 03 j 06:50	14°♊19'48	
retrograde	-2907 Jun 16 j 17:33	21°♊10'40	
evening set	-2907 Jun 23 j 15:07	19°♊02'28	
min. Earth dist.	-2907 Jun 27 j 08:04	16°♊19'38	0.61079 AU
inferior conj	-2907 Jun 30 j 13:58	13°♊30'43	-4°-21'-24
minimum elong	-2907 Jun 30 j 15:58	13°♊26'22	4°21'11
morning rise	-2907 Jul 07 j 19:46	8°♊40'03	
direct	-2907 Jul 10 j 07:29	8°♊14'56	
morning max el	-2907 Jul 17 j 08:40	11°♊43'41	18°03'17
asc. node	-2907 Jul 19 j 13:36	14°♊08'34	
	-2907 Jul 29 j 13:26	0°♋	
morning set	-2907 Aug 02 j 07:34	6°♋53'38	
superior conj	-2907 Aug 12 j 12:37	25°♋27'53	1°37'17
minimum elong	-2907 Aug 12 j 16:22	25°♋44'26	1°37'06
	-2907 Aug 15 j 02:54	0°♌	
max. Earth dist.	-2907 Aug 20 j 01:50	8°♌25'08	1.41856 AU
evening rise	-2907 Aug 26 j 02:39	18°♌15'56	
desc. node	-2907 Aug 30 j 06:09	24°♌48'02	
	-2907 Sep 02 j 15:14	0°♍	
greatest brilliancy	-2907 Sep 23 j 05:06	28°♍54'15	-0.3m
	-2907 Sep 24 j 02:57	0°♎	
evening max el	-2907 Sep 27 j 22:46	4°♎14'15	22°20'06
retrograde	-2907 Oct 07 j 11:21	9°♎53'59	
evening set	-2907 Oct 11 j 23:04	8°♎06'28	
asc. node	-2907 Oct 15 j 12:39	4°♎13'43	
inferior conj	-2907 Oct 17 j 07:52	1°♎46'59	0°37'00
minimum elong	-2907 Oct 17 j 07:01	1°♎49'57	0°36'37
min. Earth dist.	-2907 Oct 17 j 07:36	1°♎47'55	0.67462 AU
	-2907 Oct 18 j 15:07	30°℞♍	
morning rise	-2907 Oct 22 j 14:50	25°♍31'26	
direct	-2907 Oct 27 j 04:36	23°♍40'03	
morning max el	-2907 Nov 05 j 17:40	29°♍20'18	22°24'41
	-2907 Nov 06 j 09:03	0°♎	
greatest brilliancy	-2907 Nov 10 j 10:02	4°♎36'39	-0.3m
desc. node	-2907 Nov 26 j 05:42	26°♎28'41	
	-2907 Nov 28 j 13:58	0°♏	
morning set	-2907 Dec 09 j 02:18	16°♏28'28	
max. Earth dist.	-2907 Dec 14 j 14:07	25°♏34'04	1.40736 AU
	-2907 Dec 17 j 04:27	0°♐	
superior conj	-2907 Dec 22 j 08:34	9°♐05'43	-1°-56'-45
minimum elong	-2907 Dec 22 j 08:03	9°♐03'25	1°56'50
evening rise	-2906 Jan 01 j 11:38	27°♐48'47	
	-2906 Jan 02 j 15:36	0°♑	
asc. node	-2906 Jan 11 j 11:50	15°♑39'53	
evening max el	-2906 Jan 17 j 17:06	23°♑46'26	18°18'36
retrograde	-2906 Jan 24 j 21:49	27°♑21'14	
evening set	-2906 Jan 27 j 10:21	26°♑55'54	
inferior conj	-2906 Feb 03 j 14:13	22°♑13'51	3°51'28
minimum elong	-2906 Feb 03 j 16:11	22°♑09'39	3°51'12
min. Earth dist.	-2906 Feb 06 j 23:03	19°♑22'29	0.59599 AU
morning rise	-2906 Feb 10 j 18:44	16°♑40'58	
direct	-2906 Feb 17 j 06:45	14°♑47'02	
desc. node	-2906 Feb 22 j 04:55	15°♑48'38	
morning max el	-2906 Mar 03 j 12:55	22°♑26'29	27°06'43
	-2906 Mar 10 j 05:53	0°♒	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2906 Mar 28 j 23:23	0°♓	
morning set	-2906 Apr 03 j 04:15	10°♓25'12	
asc. node	-2906 Apr 09 j 11:18	23°♓55'00	
superior conj	-2906 Apr 10 j 07:27	25°♓45'18	0°08'50
minimum elong	-2906 Apr 10 j 07:03	25°♓43'08	0°08'45
behind sun begin	-2906 Apr 10 j 02:51	25°♓20'10	
behind sun end	-2906 Apr 10 j 11:15	26°♓06'07	
max. Earth dist.	-2906 Apr 09 j 23:07	24°♓59'45	1.32507 AU
	-2906 Apr 12 j 05:58	0°♈	
evening rise	-2906 Apr 17 j 07:20	10°♈52'19	
	-2906 Apr 27 j 04:27	0°♉	
evening max el	-2906 May 15 j 17:28	25°♉29'01	26°04'08
desc. node	-2906 May 21 j 03:54	29°♉51'20	
	-2906 May 21 j 09:21	0°♊	
retrograde	-2906 May 29 j 19:28	2°♊45'11	
evening set	-2906 Jun 04 j 22:07	1°♊13'36	
	-2906 Jun 07 j 02:38	30°℞♉	
min. Earth dist.	-2906 Jun 09 j 06:08	28°♉32'38	0.59027 AU
inferior conj	-2906 Jun 12 j 14:44	26°♉00'53	-4°-23'-58
minimum elong	-2906 Jun 12 j 13:28	26°♉03'19	4°23'52
morning rise	-2906 Jun 20 j 08:36	21°♉32'40	
direct	-2906 Jun 22 j 20:04	21°♉11'49	
morning max el	-2906 Jun 30 j 17:09	24°♉56'45	18°30'43
	-2906 Jul 05 j 00:27	0°♊	
asc. node	-2906 Jul 06 j 10:40	2°♊03'51	
morning set	-2906 Jul 16 j 20:41	20°♊36'22	
	-2906 Jul 21 j 17:52	0°♋	
superior conj	-2906 Jul 25 j 22:33	7°♋54'57	1°47'39
minimum elong	-2906 Jul 25 j 23:43	8°♋00'25	1°47'43
max. Earth dist.	-2906 Aug 02 j 05:42	21°♋03'25	1.39952 AU
evening rise	-2906 Aug 06 j 14:53	28°♋32'15	
	-2906 Aug 07 j 11:57	0°♌	
desc. node	-2906 Aug 17 j 03:10	15°♌20'14	
	-2906 Aug 27 j 04:01	0°♍	
evening max el	-2906 Sep 10 j 12:06	17°♍41'43	23°40'36
retrograde	-2906 Sep 21 j 03:45	23°♍59'11	
evening set	-2906 Sep 26 j 05:37	21°♍52'28	
min. Earth dist.	-2906 Oct 01 j 04:00	16°♍06'28	0.67429 AU
inferior conj	-2906 Oct 01 j 14:28	15°♍30'42	0°-16'-33
minimum elong	-2906 Oct 01 j 14:52	15°♍29'22	0°16'23
asc. node	-2906 Oct 02 j 09:44	14°♍25'14	
morning rise	-2906 Oct 07 j 00:14	9°♍19'06	
direct	-2906 Oct 11 j 00:15	7°♍48'57	
morning max el	-2906 Oct 19 j 10:50	12°♍46'34	21°04'02
greatest brilliancy	-2906 Oct 25 j 00:58	19°♍18'28	-0.5m
	-2906 Nov 01 j 19:35	0°♎	
desc. node	-2906 Nov 13 j 02:43	16°♎49'42	
morning set	-2906 Nov 18 j 09:50	25°♎01'22	
	-2906 Nov 21 j 13:38	0°♏	
max. Earth dist.	-2906 Nov 26 j 17:45	8°♏19'05	1.42606 AU
superior conj	-2906 Dec 03 j 17:50	19°♏58'16	-1°-47'-45
minimum elong	-2906 Dec 03 j 13:21	19°♏39'15	1°47'35
	-2906 Dec 09 j 13:03	0°♐	
evening rise	-2906 Dec 15 j 08:50	10°♐21'48	
	-2906 Dec 26 j 19:21	0°♑	
asc. node	-2906 Dec 29 j 08:52	3°♑37'12	
evening max el	-2905 Jan 01 j 03:50	6°♑50'46	18°07'55
retrograde	-2905 Jan 07 j 19:54	10°♑17'52	
evening set	-2905 Jan 10 j 11:39	9°♑44'57	
inferior conj	-2905 Jan 17 j 02:43	4°♑41'19	3°59'31
minimum elong	-2905 Jan 17 j 02:09	4°♑42'42	3°59'24
min. Earth dist.	-2905 Jan 20 j 02:46	1°♑45'48	0.61620 AU
	-2905 Jan 22 j 02:46	30°℞♐	
morning rise	-2905 Jan 23 j 14:16	28°♐52'46	
direct	-2905 Jan 30 j 13:57	26°♐25'37	
	-2905 Feb 08 j 18:10	0°♑	
desc. node	-2905 Feb 09 j 01:59	0°♑14'18	
morning max el	-2905 Feb 13 j 15:19	4°♑11'21	27°40'41
	-2905 Mar 04 j 20:43	0°♒	
morning set	-2905 Mar 18 j 09:50	25°♒04'03	
	-2905 Mar 20 j 18:53	0°♓	
max. Earth dist.	-2905 Mar 24 j 10:39	7°♓48'54	1.32678 AU
superior conj	-2905 Mar 25 j 18:17	10°♓40'41	0°-16'-34
minimum elong	-2905 Mar 25 j 19:03	10°♓44'48	0°16'27
asc. node	-2905 Mar 27 j 08:19	14°♓07'51	
evening rise	-2905 Apr 01 j 18:37	25°♓50'00	
	-2905 Apr 03 j 18:41	0°♈	
	-2905 Apr 21 j 15:05	0°♉	
evening max el	-2905 Apr 27 j 10:54	6°♉29'59	24°43'09
desc. node	-2905 May 08 j 00:57	13°♉07'56	
retrograde	-2905 May 11 j 10:40	13°♉34'45	
evening set	-2905 May 16 j 07:20	12°♉41'04	
min. Earth dist.	-2905 May 21 j 22:56	9°♉45'37	0.57132 AU
inferior conj	-2905 May 24 j 20:04	7°♉52'29	-3°-53'-57
minimum elong	-2905 May 24 j 15:03	8°♉00'45	3°53'03
morning rise	-2905 Jun 02 j 02:50	3°♉43'57	
direct	-2905 Jun 04 j 14:47	3°♉26'18	
morning max el	-2905 Jun 13 j 18:00	7°♉41'24	19°18'33
asc. node	-2905 Jun 23 j 07:45	20°♉42'57	
	-2905 Jun 28 j 08:22	0°♊	
morning set	-2905 Jun 30 j 19:15	4°♊49'34	
superior conj	-2905 Jul 09 j 01:56	21°♊15'56	1°47'38
minimum elong	-2905 Jul 09 j 01:02	21°♊11'35	1°47'41
	-2905 Jul 13 j 15:43	0°♋	
max. Earth dist.	-2905 Jul 15 j 07:39	3°♋04'50	1.38000 AU
evening rise	-2905 Jul 19 j 05:01	10°♋04'31	
	-2905 Jul 31 j 06:37	0°♌	
desc. node	-2905 Aug 04 j 00:10	5°♌39'28	
	-2905 Aug 22 j 18:29	0°♍	
evening max el	-2905 Aug 23 j 23:19	1°♍13'00	24°59'00
retrograde	-2905 Sep 04 j 16:06	8°♍01'12	
evening set	-2905 Sep 10 j 09:01	5°♍36'18	
min. Earth dist.	-2905 Sep 14 j 22:27	0°♍25'37	0.67092 AU
	-2905 Sep 15 j 06:14	30°℞♌	
inferior conj	-2905 Sep 15 j 19:31	29°♌16'04	-1°-10'-36
minimum elong	-2905 Sep 15 j 21:12	29°♌10'30	1°09'52
asc. node	-2905 Sep 19 j 06:51	25°♌01'59	
morning rise	-2905 Sep 21 j 09:48	23°♌11'36	
direct	-2905 Sep 24 j 22:06	22°♌00'12	
morning max el	-2905 Oct 02 j 11:17	26°♌21'42	19°54'40
	-2905 Oct 05 j 16:16	0°♍	
greatest brilliancy	-2905 Oct 10 j 02:50	5°♍52'52	-0.6m
	-2905 Oct 26 j 05:33	0°♎	
morning set	-2905 Oct 28 j 07:29	3°♎13'00	
desc. node	-2905 Oct 30 j 23:43	7°♎22'18	
max. Earth dist.	-2905 Nov 09 j 04:52	21°♎52'26	1.44014 AU
superior conj	-2905 Nov 13 j 23:51	29°♎34'24	-1°-22'-4
minimum elong	-2905 Nov 13 j 16:31	29°♎04'44	1°21'24
	-2905 Nov 14 j 06:09	0°♏	
evening rise	-2905 Nov 27 j 11:49	22°♏03'56	
	-2905 Dec 02 j 03:25	0°♐	
evening max el	-2905 Dec 15 j 16:29	20°♐07'52	18°16'22
asc. node	-2905 Dec 16 j 05:56	20°♐40'50	
retrograde	-2905 Dec 22 j 05:09	23°♐39'25	
evening set	-2905 Dec 25 j 00:44	22°♐57'43	
inferior conj	-2905 Dec 31 j 05:45	17°♐33'36	3°46'28
minimum elong	-2905 Dec 31 j 03:30	17°♐39'48	3°46'05
min. Earth dist.	-2904 Jan 02 j 15:45	14°♐54'42	0.63456 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-2904 Jan 06 j 04:39	11°♐34'12	
direct	-2904 Jan 13 j 05:06	8°♐47'48	
desc. node	-2904 Jan 26 j 23:04	16°♐35'10	
morning max el	-2904 Jan 26 j 22:27	16°♐33'39	27°38'10
	-2904 Feb 07 j 02:50	0°♑	
	-2904 Feb 25 j 13:12	0°♒	
morning set	-2904 Mar 01 j 08:54	9°♒19'06	
max. Earth dist.	-2904 Mar 06 j 16:27	20°♒14'58	1.33237 AU
superior conj	-2904 Mar 09 j 02:24	25°♒23'25	0°-42'-1
minimum elong	-2904 Mar 09 j 04:18	25°♒33'36	0°41'43
	-2904 Mar 11 j 05:50	0°♓	
asc. node	-2904 Mar 13 j 05:20	4°♓15'44	
evening rise	-2904 Mar 16 j 06:16	10°♓44'04	
	-2904 Mar 26 j 06:38	0°♈	
evening max el	-2904 Apr 08 j 02:44	17°♈11'26	23°09'34
retrograde	-2904 Apr 21 j 12:45	23°♈49'31	
desc. node	-2904 Apr 23 j 22:03	23°♈36'56	
evening set	-2904 Apr 25 j 01:11	23°♈22'28	
min. Earth dist.	-2904 May 02 j 13:05	20°♈00'46	0.55732 AU
inferior conj	-2904 May 04 j 05:49	19°♈01'13	-2°-42'-37
minimum elong	-2904 May 03 j 23:39	19°♈10'16	2°40'52
morning rise	-2904 May 13 j 01:08	15°♈04'24	
direct	-2904 May 15 j 15:16	14°♈48'11	
morning max el	-2904 May 26 j 08:42	19°♈47'24	20°26'51
	-2904 Jun 03 j 11:57	0°♉	
asc. node	-2904 Jun 09 j 04:49	9°♉54'26	
morning set	-2904 Jun 14 j 00:21	19°♉24'43	
	-2904 Jun 19 j 03:55	0°♊	
superior conj	-2904 Jun 21 j 17:47	5°♊16'03	1°39'45
minimum elong	-2904 Jun 21 j 15:39	5°♊05'12	1°39'40
max. Earth dist.	-2904 Jun 26 j 13:57	14°♊52'48	1.36219 AU
evening rise	-2904 Jun 30 j 17:07	22°♊42'27	
	-2904 Jul 04 j 18:09	0°♋	
desc. node	-2904 Jul 20 j 21:12	25°♋39'23	
	-2904 Jul 24 j 00:04	0°♌	
evening max el	-2904 Aug 05 j 10:30	14°♌46'27	26°07'28
retrograde	-2904 Aug 17 j 23:42	21°♌55'06	
evening set	-2904 Aug 24 j 07:17	19°♌15'47	
min. Earth dist.	-2904 Aug 28 j 12:25	14°♌42'59	0.66422 AU
inferior conj	-2904 Aug 29 j 21:10	13°♌00'37	-2°-3'-24
minimum elong	-2904 Aug 30 j 00:03	12°♌51'35	2°02'15
morning rise	-2904 Sep 04 j 17:36	7°♌06'42	
asc. node	-2904 Sep 05 j 03:59	6°♌52'18	
direct	-2904 Sep 07 j 20:26	6°♌10'51	
morning max el	-2904 Sep 14 j 18:40	10°♌05'00	18°59'47
	-2904 Sep 29 j 01:13	0°♍	
morning set	-2904 Oct 06 j 19:10	12°♍11'40	
desc. node	-2904 Oct 16 j 20:42	28°♍02'34	
	-2904 Oct 18 j 02:34	0°♎	
max. Earth dist.	-2904 Oct 21 j 21:37	5°♎58'29	1.44777 AU
superior conj	-2904 Oct 23 j 06:20	8°♎07'30	0°-40'-12
minimum elong	-2904 Oct 23 j 01:14	7°♎47'24	0°39'34
	-2904 Nov 05 j 22:59	0°♏	
evening rise	-2904 Nov 07 j 16:14	2°♏47'18	
	-2904 Nov 25 j 04:00	0°♐	
evening max el	-2904 Nov 28 j 04:19	3°♐31'48	18°42'59
asc. node	-2904 Dec 02 j 03:01	6°♐36'11	
retrograde	-2904 Dec 04 j 21:34	7°♐18'07	
evening set	-2904 Dec 07 j 22:18	6°♐26'04	
inferior conj	-2904 Dec 13 j 19:37	0°♐43'55	3°18'53
minimum elong	-2904 Dec 13 j 16:38	0°♐52'57	3°18'08
	-2904 Dec 14 j 10:09	30°℞♏	
min. Earth dist.	-2904 Dec 15 j 14:35	28°♏34'35	0.64963 AU
morning rise	-2904 Dec 19 j 09:52	24°♏36'26	
direct	-2904 Dec 26 j 02:52	21°♏46'05	
morning max el	-2903 Jan 08 j 07:58	29°♏24'39	27°02'16
	-2903 Jan 08 j 21:59	0°♐	
desc. node	-2903 Jan 12 j 20:07	4°♐18'37	
	-2903 Jan 30 j 23:37	0°♑	
morning set	-2903 Feb 12 j 22:20	23°♑00'32	
	-2903 Feb 16 j 11:31	0°♒	
max. Earth dist.	-2903 Feb 17 j 12:59	2°♒08'40	1.34222 AU
superior conj	-2903 Feb 21 j 05:49	9°♒47'07	-1°-6'-25
minimum elong	-2903 Feb 21 j 08:40	10°♒02'00	1°06'02
asc. node	-2903 Feb 28 j 02:21	24°♒14'26	
evening rise	-2903 Feb 28 j 16:32	25°♒28'23	
	-2903 Mar 02 j 21:24	0°♓	
evening max el	-2903 Mar 20 j 23:12	28°♓00'46	21°37'29
	-2903 Mar 23 j 05:57	0°♈	
retrograde	-2903 Apr 02 j 04:17	3°♈55'04	
evening set	-2903 Apr 04 j 18:24	3°♈39'58	
desc. node	-2903 Apr 10 j 19:07	1°♈26'00	
	-2903 Apr 13 j 10:49	30°℞♓	
inferior conj	-2903 Apr 14 j 02:27	29°♓38'05	0°-55'-18
minimum elong	-2903 Apr 13 j 23:52	29°♓41'42	0°54'26
min. Earth dist.	-2903 Apr 14 j 02:35	29°♓37'53	0.55127 AU
morning rise	-2903 Apr 23 j 05:53	25°♓37'50	
direct	-2903 Apr 26 j 03:48	25°♓19'10	
	-2903 May 07 j 04:30	0°♈	
morning max el	-2903 May 08 j 12:27	1°♈10'57	21°53'19
asc. node	-2903 May 27 j 01:51	29°♈29'51	
	-2903 May 27 j 07:50	0°♉	
morning set	-2903 May 29 j 09:38	4°♉14'56	
superior conj	-2903 Jun 05 j 18:19	19°♉43'56	1°26'00
minimum elong	-2903 Jun 05 j 15:42	19°♉30'14	1°25'45
max. Earth dist.	-2903 Jun 09 j 05:02	26°♉51'20	1.34752 AU
	-2903 Jun 10 j 18:23	0°♊	
evening rise	-2903 Jun 13 j 21:56	6°♊11'25	
	-2903 Jun 27 j 10:26	0°♋	
desc. node	-2903 Jul 07 j 18:14	15°♋11'17	
evening max el	-2903 Jul 18 j 21:59	28°♋14'24	26°57'59
	-2903 Jul 20 j 19:51	0°♌	
retrograde	-2903 Aug 01 j 02:07	5°♌33'58	
evening set	-2903 Aug 07 j 22:01	2°♌47'21	
	-2903 Aug 10 j 19:31	30°℞♋	
min. Earth dist.	-2903 Aug 11 j 19:30	28°♋53'11	0.65389 AU
inferior conj	-2903 Aug 13 j 17:18	26°♋40'32	-2°-52'-54
minimum elong	-2903 Aug 13 j 21:04	26°♋29'34	2°51'39
morning rise	-2903 Aug 19 j 21:23	21°♋00'27	
direct	-2903 Aug 22 j 17:03	20°♋16'49	
asc. node	-2903 Aug 23 j 01:05	20°♋17'26	
morning max el	-2903 Aug 29 j 07:05	23°♋52'40	18°21'04
	-2903 Sep 03 j 05:54	0°♌	
morning set	-2903 Sep 17 j 09:32	22°♌29'06	
	-2903 Sep 22 j 00:00	0°♍	
superior conj	-2903 Oct 02 j 06:31	16°♍27'44	0°09'24
minimum elong	-2903 Oct 02 j 07:44	16°♍32'31	0°09'16
behind sun begin	-2903 Oct 01 j 22:27	15°♍55'47	
behind sun end	-2903 Oct 02 j 17:00	17°♍09'13	
desc. node	-2903 Oct 03 j 17:41	18°♍46'46	
max. Earth dist.	-2903 Oct 04 j 16:11	20°♍15'32	1.44813 AU
	-2903 Oct 10 j 20:56	0°♎	
evening rise	-2903 Oct 18 j 20:05	12°♎28'24	
	-2903 Oct 30 j 02:27	0°♏	
greatest brilliancy	-2903 Nov 02 j 09:43	4°♏58'52	-0.7m
evening max el	-2903 Nov 11 j 12:53	16°♏57'40	19°26'32
retrograde	-2903 Nov 18 j 17:47	21°♏07'44	
asc. node	-2903 Nov 19 j 00:06	21°♏07'20	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-2903 Nov 22 j 01:28	20°♏03'18	
inferior conj	-2903 Nov 27 j 17:08	14°♏06'14	2°41'12
minimum elong	-2903 Nov 27 j 14:09	14°♏15'51	2°40'14
min. Earth dist.	-2903 Nov 28 j 22:11	12°♏32'28	0.66102 AU
morning rise	-2903 Dec 03 j 02:04	7°♏53'04	
direct	-2903 Dec 09 j 06:37	5°♏11'03	
morning max el	-2903 Dec 21 j 17:29	12°♏31'27	26°00'00
desc. node	-2903 Dec 30 j 17:08	22°♏59'46	
	-2902 Jan 04 j 20:49	0°♐	
	-2902 Jan 23 j 15:34	0°♑	
morning set	-2902 Jan 26 j 21:54	5°♑55'21	
max. Earth dist.	-2902 Jan 30 j 21:46	13°♑28'25	1.35646 AU
superior conj	-2902 Feb 05 j 02:02	23°♑43'51	-1°-28'-18
minimum elong	-2902 Feb 05 j 05:21	24°♑00'42	1°27'59
	-2902 Feb 08 j 03:38	0°♒	
evening rise	-2902 Feb 12 j 23:25	9°♒56'13	
asc. node	-2902 Feb 14 j 23:22	13°♒58'58	
	-2902 Feb 23 j 19:43	0°♓	
evening max el	-2902 Mar 03 j 05:14	9°♓19'57	20°17'48
retrograde	-2902 Mar 13 j 19:03	14°♓22'16	
evening set	-2902 Mar 16 j 01:09	14°♓09'30	
inferior conj	-2902 Mar 24 j 23:19	10°♓10'52	1°01'19
minimum elong	-2902 Mar 25 j 01:59	10°♓06'54	1°00'24
min. Earth dist.	-2902 Mar 26 j 16:41	9°♓09'36	0.55457 AU
desc. node	-2902 Mar 28 j 16:11	8°♓02'24	
morning rise	-2902 Apr 03 j 00:27	5°♓48'36	
direct	-2902 Apr 06 j 17:13	5°♓18'44	
morning max el	-2902 Apr 20 j 07:22	11°♓59'48	23°31'17
	-2902 May 03 j 20:06	0°♈	
morning set	-2902 May 13 j 21:14	19°♈14'15	
asc. node	-2902 May 13 j 22:51	19°♈22'46	
	-2902 May 18 j 22:17	0°♉	
superior conj	-2902 May 21 j 00:39	4°♉30'43	1°07'55
minimum elong	-2902 May 20 j 22:10	4°♉17'23	1°07'34
max. Earth dist.	-2902 May 23 j 05:38	9°♉12'53	1.33656 AU
evening rise	-2902 May 28 j 14:51	20°♉18'10	
	-2902 Jun 02 j 15:34	0°♊	
	-2902 Jun 21 j 10:57	0°♋	
desc. node	-2902 Jun 24 j 15:16	4°♋03'20	
evening max el	-2902 Jul 01 j 08:47	11°♋26'30	27°23'25
retrograde	-2902 Jul 14 j 23:06	18°♋49'43	
evening set	-2902 Jul 22 j 02:17	16°♋07'06	
min. Earth dist.	-2902 Jul 25 j 17:52	12°♋48'21	0.63973 AU
inferior conj	-2902 Jul 28 j 05:29	10°♋11'26	-3°-36'-18
minimum elong	-2902 Jul 28 j 09:30	10°♋00'49	3°35'17
morning rise	-2902 Aug 03 j 18:36	4°♋48'21	
direct	-2902 Aug 06 j 09:26	4°♋13'51	
asc. node	-2902 Aug 09 j 22:08	5°♋16'35	
morning max el	-2902 Aug 12 j 22:02	7°♋40'03	17°59'38
	-2902 Aug 27 j 17:56	0°♌	
morning set	-2902 Aug 30 j 02:32	4°♌03'14	
superior conj	-2902 Sep 11 j 22:48	25°♌38'53	0°53'55
minimum elong	-2902 Sep 12 j 04:05	26°♌00'25	0°53'19
	-2902 Sep 14 j 15:08	0°♍	
max. Earth dist.	-2902 Sep 17 j 08:58	4°♍24'07	1.44132 AU
desc. node	-2902 Sep 20 j 14:41	9°♍32'20	
evening rise	-2902 Sep 28 j 04:58	21°♍23'00	
	-2902 Oct 03 j 19:51	0°♎	
greatest brilliancy	-2902 Oct 19 j 07:18	22°♎39'59	-0.6m
	-2902 Oct 25 j 07:07	0°♏	
evening max el	-2902 Oct 25 j 16:22	0°♏24'08	20°25'02
retrograde	-2902 Nov 02 j 15:10	5°♏05'13	
asc. node	-2902 Nov 05 j 21:10	4°♏04'12	
evening set	-2902 Nov 06 j 07:59	3°♏46'00	

	-2902 Nov 10 j 00:31	30°℞♎	
inferior conj	-2902 Nov 11 j 19:45	27°♎37'32	1°56'30
minimum elong	-2902 Nov 11 j 17:20	27°♎45'43	1°55'33
min. Earth dist.	-2902 Nov 12 j 12:33	26°♎40'50	0.66889 AU
morning rise	-2902 Nov 17 j 02:09	21°♎21'11	
direct	-2902 Nov 22 j 15:53	18°♎55'49	
morning max el	-2902 Dec 04 j 02:06	25°♎44'23	24°40'33
	-2902 Dec 07 j 23:55	0°♏	
desc. node	-2902 Dec 17 j 14:10	12°♏21'58	
	-2902 Dec 29 j 10:11	0°♐	
morning set	-2901 Jan 09 j 02:05	17°♐47'52	
max. Earth dist.	-2901 Jan 12 j 20:15	24°♐32'05	1.37474 AU
	-2901 Jan 15 j 19:00	0°♑	
superior conj	-2901 Jan 19 j 11:50	7°♑04'42	-1°-45'-39
minimum elong	-2901 Jan 19 j 14:47	7°♑19'02	1°45'31
evening rise	-2901 Jan 28 j 00:44	24°♑01'02	
	-2901 Jan 31 j 01:42	0°♒	
asc. node	-2901 Feb 01 j 20:23	3°♒23'32	
evening max el	-2901 Feb 13 j 22:04	21°♒15'59	19°15'57
retrograde	-2901 Feb 22 j 20:46	25°♒32'12	
evening set	-2901 Feb 25 j 04:05	25°♒16'27	
inferior conj	-2901 Mar 05 j 09:39	21°♒06'40	2°35'57
minimum elong	-2901 Mar 05 j 14:30	20°♒58'30	2°34'37
min. Earth dist.	-2901 Mar 08 j 07:54	19°♒09'17	0.56651 AU
morning rise	-2901 Mar 13 j 21:02	16°♒13'33	
desc. node	-2901 Mar 15 j 13:16	15°♒42'27	
direct	-2901 Mar 18 j 18:09	15°♒18'26	
morning max el	-2901 Apr 01 j 22:18	22°♒33'37	25°09'00
	-2901 Apr 08 j 12:16	0°♓	
	-2901 Apr 26 j 07:59	0°♈	
morning set	-2901 Apr 28 j 09:22	4°♈15'51	
asc. node	-2901 Apr 30 j 19:51	9°♈27'00	
superior conj	-2901 May 05 j 10:31	19°♈27'56	0°46'39
minimum elong	-2901 May 05 j 08:36	19°♈17'33	0°46'18
max. Earth dist.	-2901 May 06 j 13:51	21°♈56'24	1.32935 AU
	-2901 May 10 j 08:14	0°♉	
evening rise	-2901 May 12 j 16:09	4°♉50'24	
	-2901 May 26 j 07:56	0°♊	
desc. node	-2901 Jun 11 j 12:18	21°♊57'44	
evening max el	-2901 Jun 13 j 16:53	24°♊09'55	27°18'14
	-2901 Jun 21 j 14:32	0°♋	
retrograde	-2901 Jun 27 j 13:46	1°♋31'49	
	-2901 Jul 03 j 05:27	30°℞♊	
evening set	-2901 Jul 04 j 16:14	29°♊07'14	
min. Earth dist.	-2901 Jul 08 j 06:24	26°♊15'02	0.62210 AU
inferior conj	-2901 Jul 11 j 06:42	23°♊25'40	-4°-9'-26
minimum elong	-2901 Jul 11 j 09:52	23°♊18'12	4°08'56
morning rise	-2901 Jul 18 j 06:04	18°♊22'18	
direct	-2901 Jul 20 j 18:16	17°♊54'22	
morning max el	-2901 Jul 27 j 12:40	21°♊19'42	17°56'24
asc. node	-2901 Jul 27 j 19:11	21°♊35'55	
	-2901 Aug 03 j 02:49	0°♋	
morning set	-2901 Aug 12 j 16:48	16°♋38'10	
	-2901 Aug 20 j 04:38	0°♌	
superior conj	-2901 Aug 23 j 17:58	6°♌09'39	1°25'32
minimum elong	-2901 Aug 23 j 22:59	6°♌31'08	1°25'09
max. Earth dist.	-2901 Aug 30 j 21:29	18°♌07'11	1.42828 AU
evening rise	-2901 Sep 07 j 11:04	0°♍13'11	
desc. node	-2901 Sep 07 j 11:41	0°♍15'38	
	-2901 Sep 07 j 07:42	0°♍	
	-2901 Sep 27 j 11:33	0°♎	
greatest brilliancy	-2901 Oct 03 j 14:22	8°♎07'42	-0.4m
evening max el	-2901 Oct 08 j 13:55	13°♎50'42	21°35'43
retrograde	-2901 Oct 17 j 11:41	19°♎08'03	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-2901 Oct 21 j 15:54	17°♎31'34		
asc. node	-2901 Oct 23 j 18:14	15°♎30'41		
inferior conj	-2901 Oct 27 j 01:22	11°♎15'17	1°07'00	
minimum elong	-2901 Oct 26 j 23:52	11°♎20'27	1°06'21	
min. Earth dist.	-2901 Oct 27 j 07:10	10°♎55'17	0.67345 AU	
morning rise	-2901 Nov 01 j 07:32	4°♎58'34		
direct	-2901 Nov 06 j 05:57	2°♎54'12		
morning max el	-2901 Nov 16 j 11:27	9°♎00'18	23°13'59	
greatest brilliancy	-2901 Nov 21 j 16:07	14°♎51'20	-0.3m	
	-2901 Dec 02 j 22:21	0°♏		
desc. node	-2901 Dec 04 j 11:12	2°♏13'37		
morning set	-2901 Dec 21 j 04:41	28°♏22'21		
	-2901 Dec 22 j 03:59	0°♐		
max. Earth dist.	-2901 Dec 25 j 15:30	5°♐56'44	1.39544 AU	
superior conj	-2900 Jan 02 j 07:04	19°♐39'01	-1°-55'-41	
minimum elong	-2900 Jan 02 j 08:18	19°♐44'41	1°55'45	
	-2900 Jan 07 j 18:53	0°♑		
evening rise	-2900 Jan 11 j 17:51	7°♑36'27		
asc. node	-2900 Jan 19 j 17:25	22°♑21'27		
	-2900 Jan 24 j 17:33	0°♒		
evening max el	-2900 Jan 28 j 00:05	3°♒45'08	18°33'49	
retrograde	-2900 Feb 04 j 16:37	7°♒30'08		
evening set	-2900 Feb 07 j 03:28	7°♒08'34		
inferior conj	-2900 Feb 14 j 16:01	2°♒39'13	3°33'59	
minimum elong	-2900 Feb 14 j 19:30	2°♒32'24	3°33'23	
min. Earth dist.	-2900 Feb 18 j 01:28	0°♒01'12	0.58441 AU	
	-2900 Feb 18 j 02:07	30°℞♑		
morning rise	-2900 Feb 22 j 07:52	27°♑19'00		
direct	-2900 Feb 28 j 08:25	25°♑47'13		
desc. node	-2900 Mar 01 j 10:20	25°♑58'04		
	-2900 Mar 09 j 19:00	0°♒		
morning max el	-2900 Mar 13 j 15:10	3°♒20'08	26°31'33	
	-2900 Apr 01 j 21:32	0°♓		
morning set	-2900 Apr 11 j 20:25	19°♓13'54		
asc. node	-2900 Apr 16 j 16:52	29°♓38'02		
	-2900 Apr 16 j 20:54	0°♈		
superior conj	-2900 Apr 18 j 22:04	4°♈29'04	0°23'06	
minimum elong	-2900 Apr 18 j 21:04	4°♈23'32	0°22'54	
max. Earth dist.	-2900 Apr 19 j 02:27	4°♈53'06	1.32568 AU	
evening rise	-2900 Apr 25 j 23:04	19°♈38'47		
	-2900 May 01 j 02:53	0°♉		
	-2900 May 20 j 02:37	0°♊		
evening max el	-2900 May 25 j 19:52	6°♊14'07	26°40'05	
desc. node	-2900 May 28 j 09:20	8°♊30'28		
retrograde	-2900 Jun 08 j 20:35	13°♊32'15		
evening set	-2900 Jun 15 j 11:33	11°♊39'03		
min. Earth dist.	-2900 Jun 19 j 09:19	8°♊58'54	0.60213 AU	
inferior conj	-2900 Jun 22 j 17:29	6°♊14'52	-4°-25'-48	
minimum elong	-2900 Jun 22 j 18:16	6°♊13'16	4°25'43	
morning rise	-2900 Jun 30 j 04:15	1°♊33'22		
direct	-2900 Jul 02 j 15:45	1°♊10'09		
morning max el	-2900 Jul 10 j 00:10	4°♊44'25	18°12'22	
asc. node	-2900 Jul 13 j 16:14	9°♊00'11		
morning set	-2900 Jul 25 j 22:54	29°♊59'37		
	-2900 Jul 25 j 22:59	0°♋		
superior conj	-2900 Aug 04 j 15:14	17°♋58'02	1°43'08	
minimum elong	-2900 Aug 04 j 17:53	18°♋09'59	1°43'04	
	-2900 Aug 11 j 11:42	0°♌		
max. Earth dist.	-2900 Aug 12 j 04:42	1°♌12'18	1.41079 AU	
evening rise	-2900 Aug 17 j 09:10	9°♌49'14		
desc. node	-2900 Aug 24 j 08:41	20°♌52'57		
	-2900 Aug 30 j 09:27	0°♍		
greatest brilliancy	-2900 Sep 15 j 05:00	21°♍39'22	-0.3m	
evening max el	-2900 Sep 20 j 05:53	27°♍17'44	22°54'13	
	-2900 Sep 23 j 04:40	0°♎		
retrograde	-2900 Sep 30 j 05:49	3°♎13'19		
evening set	-2900 Oct 04 j 23:26	1°♎17'44		
	-2900 Oct 06 j 08:26	30°℞♍		
asc. node	-2900 Oct 09 j 15:19	25°♍54'50		
inferior conj	-2900 Oct 10 j 08:06	24°♍57'07	0°14'26	
minimum elong	-2900 Oct 10 j 07:46	24°♍58'17	0°14'17	
transit middle	-2900 Oct 10 j 07:46	24°♍58'17	0°14'17	
transit begin	-2900 Oct 10 j 06:27	25°♍02'49		
transit end	-2900 Oct 10 j 09:05	24°♍53'46		
min. Earth dist.	-2900 Oct 10 j 03:33	25°♍12'49	0.67491 AU	
morning rise	-2900 Oct 15 j 16:03	18°♍42'58		
direct	-2900 Oct 19 j 23:52	17°♍00'39		
morning max el	-2900 Oct 29 j 00:54	22°♍21'37	21°49'13	
greatest brilliancy	-2900 Nov 02 j 22:29	27°♍56'39	-0.4m	
	-2900 Nov 04 j 13:27	0°♎		
desc. node	-2900 Nov 20 j 08:14	22°♎25'44		
	-2900 Nov 25 j 07:03	0°♏		
morning set	-2900 Nov 30 j 02:20	7°♏33'00		
max. Earth dist.	-2900 Dec 06 j 15:28	18°♏12'13	1.41579 AU	
	-2900 Dec 13 j 13:47	0°♐		
superior conj	-2900 Dec 14 j 06:22	1°♐12'30	-1°-54'-48	
minimum elong	-2900 Dec 14 j 04:15	1°♐03'15	1°54'50	
evening rise	-2900 Dec 24 j 23:27	20°♐34'26		
	-2900 Dec 30 j 03:21	0°♑		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2900 Jan 02 j 07:04	19°♐39'01	-1°-55'-41
minimum elong	-2900 Jan 02 j 08:18	19°♐44'41	1°55'45
	-2900 Jan 07 j 18:53	0°♑	
evening rise	-2900 Jan 11 j 17:51	7°♑36'27	
asc. node	-2900 Jan 19 j 17:25	22°♑21'27	
	-2900 Jan 24 j 17:33	0°♒	
evening max el	-2900 Jan 28 j 00:05	3°♒45'08	18°33'49
retrograde	-2900 Feb 04 j 16:37	7°♒30'08	
evening set	-2900 Feb 07 j 03:28	7°♒08'34	
inferior conj	-2900 Feb 14 j 16:01	2°♒39'13	3°33'59
minimum elong	-2900 Feb 14 j 19:30	2°♒32'24	3°33'23
min. Earth dist.	-2900 Feb 18 j 01:28	0°♒01'12	0.58441 AU
	-2900 Feb 18 j 02:07	30°℞♑	
morning rise	-2900 Feb 22 j 07:52	27°♑19'00	
direct	-2900 Feb 28 j 08:25	25°♑47'13	
desc. node	-2900 Mar 01 j 10:20	25°♑58'04	
	-2900 Mar 09 j 19:00	0°♒	
morning max el	-2900 Mar 13 j 15:10	3°♒20'08	26°31'33
	-2900 Apr 01 j 21:32	0°♓	
morning set	-2900 Apr 11 j 20:25	19°♓13'54	
asc. node	-2900 Apr 16 j 16:52	29°♓38'02	
	-2900 Apr 16 j 20:54	0°♈	
superior conj	-2900 Apr 18 j 22:04	4°♈29'04	0°23'06
minimum elong	-2900 Apr 18 j 21:04	4°♈23'32	0°22'54
max. Earth dist.	-2900 Apr 19 j 02:27	4°♈53'06	1.32568 AU
evening rise	-2900 Apr 25 j 23:04	19°♈38'47	
	-2900 May 01 j 02:53	0°♉	
	-2900 May 20 j 02:37	0°♊	
evening max el	-2900 May 25 j 19:52	6°♊14'07	26°40'05
desc. node	-2900 May 28 j 09:20	8°♊30'28	
retrograde	-2900 Jun 08 j 20:35	13°♊32'15	
evening set	-2900 Jun 15 j 11:33	11°♊39'03	
min. Earth dist.	-2900 Jun 19 j 09:19	8°♊58'54	0.60213 AU
inferior conj	-2900 Jun 22 j 17:29	6°♊14'52	-4°-25'-48
minimum elong	-2900 Jun 22 j 18:16	6°♊13'16	4°25'43
morning rise	-2900 Jun 30 j 04:15	1°♊33'22	
direct	-2900 Jul 02 j 15:45	1°♊10'09	
morning max el	-2900 Jul 10 j 00:10	4°♊44'25	18°12'22
asc. node	-2900 Jul 13 j 16:14	9°♊00'11	
morning set	-2900 Jul 25 j 22:54	29°♊59'37	
	-2900 Jul 25 j 22:59	0°♋	
superior conj	-2900 Aug 04 j 15:14	17°♋58'02	1°43'08
minimum elong	-2900 Aug 04 j 17:53	18°♋09'59	1°43'04
	-2900 Aug 11 j 11:42	0°♌	
max. Earth dist.	-2900 Aug 12 j 04:42	1°♌12'18	1.41079 AU
evening rise	-2900 Aug 17 j 09:10	9°♌49'14	
desc. node	-2900 Aug 24 j 08:41	20°♌52'57	
	-2900 Aug 30 j 09:27	0°♍	
greatest brilliancy	-2900 Sep 15 j 05:00	21°♍39'22	-0.3m
evening max el	-2900 Sep 20 j 05:53	27°♍17'44	22°54'13
	-2900 Sep 23 j 04:40	0°♎	
retrograde	-2900 Sep 30 j 05:49	3°♎13'19	
evening set	-2900 Oct 04 j 23:26	1°♎17'44	
	-2900 Oct 06 j 08:26	30°℞♍	
asc. node	-2900 Oct 09 j 15:19	25°♍54'50	
inferior conj	-2900 Oct 10 j 08:06	24°♍57'07	0°14'26
minimum elong	-2900 Oct 10 j 07:46	24°♍58'17	0°14'17
transit middle	-2900 Oct 10 j 07:46	24°♍58'17	0°14'17
transit begin	-2900 Oct 10 j 06:27	25°♍02'49	
transit end	-2900 Oct 10 j 09:05	24°♍53'46	
min. Earth dist.	-2900 Oct 10 j 03:33	25°♍12'49	0.67491 AU
morning rise	-2900 Oct 15 j 16:03	18°♍42'58	
direct	-2900 Oct 19 j 23:52	17°♍00'39	
morning max el	-2900 Oct 29 j 00:54	22°♍21'37	21°49'13
greatest brilliancy	-2900 Nov 02 j 22:29	27°♍56'39	-0.4m
	-2900 Nov 04 j 13:27	0°♎	
desc. node	-2900 Nov 20 j 08:14	22°♎25'44	
	-2900 Nov 25 j 07:03	0°♏	
morning set	-2900 Nov 30 j 02:20	7°♏33'00	
max. Earth dist.	-2900 Dec 06 j 15:28	18°♏12'13	1.41579 AU
	-2900 Dec 13 j 13:47	0°♐	
superior conj	-2900 Dec 14 j 06:22	1°♐12'30	-1°-54'-48
minimum elong	-2900 Dec 14 j 04:15	1°♐03'15	1°54'50
evening rise	-2900 Dec 24 j 23:27	20°♐34'26	
	-2900 Dec 30 j 03:21	0°♑	
asc. node	-2899 Jan 05 j 14:28	10°♑43'37	
evening max el	-2899 Jan 10 j 08:26	16°♑38'23	18°11'39
retrograde	-2899 Jan 17 j 06:22	20°♑08'06	
evening set	-2899 Jan 19 j 20:22	19°♑39'30	
inferior conj	-2899 Jan 26 j 18:23	14°♑47'57	3°57'55
minimum elong	-2899 Jan 26 j 19:12	14°♑46'04	3°57'48
min. Earth dist.	-2899 Jan 30 j 00:22	11°♑52'15	0.60472 AU
morning rise	-2899 Feb 02 j 15:13	9°♑07'56	
direct	-2899 Feb 09 j 09:42	6°♑58'47	
desc. node	-2899 Feb 16 j 07:25	9°♑00'01	
morning max el	-2899 Feb 23 j 13:54	14°♑40'34	27°25'40
	-2899 Mar 07 j 23:32	0°♒	
	-2899 Mar 25 j 05:17	0°♓	
morning set	-2899 Mar 27 j 04:35	4°♓01'10	
max. Earth dist.	-2899 Apr 02 j 15:35	17°♓48'54	1.32539 AU
superior conj	-2899 Apr 03 j 09:37	19°♓27'22	0°-1'-53
minimum elong	-2899 Apr 03 j 09:42	19°♓27'51	0°01'53
behind sun begin	-2899 Apr 03 j 04:42	19°♓00'30	
behind sun end	-2899 Apr 03 j 14:42	19°♓55'12	
asc. node	-2899 Apr 03 j 13:54	19°♓50'53	
	-2899 Apr 08 j 05:46	0°♈	
evening rise	-2899 Apr 10 j 09:19	4°♈34'28	
	-2899 Apr 24 j 00:36	0°♉	
evening max el	-2899 May 07 j 16:18	17°♉34'48	25°32'07
desc. node	-2899 May 15 j 06:22	23°♉09'03	
retrograde	-2899 May 21 j 17:51	24°♉46'45	
evening set	-2899 May 27 j 09:01	23°♉31'52	
min. Earth dist.	-2899 Jun 01 j 04:28	20°♉46'42	0.58187 AU
inferior conj	-2899 Jun 04 j 10:14	18°♉29'10	-4°-15'-55
minimum elong	-2899 Jun 04 j 07:17	18°♉34'27	4°15'34
morning rise	-2899 Jun 12 j 09:29	14°♉09'53	
direct	-2899 Jun 14 j 21:19	13°♉50'21	
morning max el	-2899 Jun 23 j 05:41	17°♉45'59	18°48'33
asc. node	-2899 Jun 30 j 13:20	27°♉15'15	
	-2899 Jul 02 j 04:58	0°♊	
morning set	-2899 Jul 09 j 16:29	13°♊56'37	
	-2899 Jul 17 j 22:45	0°♋	
superior conj	-2899 Jul 18 j 09:18	0°♋50'06	1°48'45
minimum elong	-2899 Jul 18 j 09:30	0°♋51'04	1°48'50
max. Earth dist.	-2899 Jul 25 j 07:42	13°♋35'23	1.39117 AU
evening rise	-2899 Jul 29 j 08:37	20°♋38'06	
	-2899 Aug 03 j 23:43	0°♌	
desc. node	-2899 Aug 11 j 05:41	11°♌20'22	
	-2899 Aug 24 j 11:33	0°♍	
evening max el	-2899 Sep 02 j 18:03	10°♍47'01	24°14'36
retrograde	-2899 Sep 13 j 20:32	17°♍18'10	
evening set	-2899 Sep 19 j 04:53	15°♍03'13	
min. Earth dist.	-2899 Sep 23 j 23:19	9°♍32'12	0.67330 AU
inferior conj	-2899 Sep 24 j 14:16	8°♍41'47	0°-39'-31
minimum elong	-2899 Sep 24 j 15:12	8°♍38'36	0°39'06

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2899 Sep 26 j 12:26	6°♍10'05	
morning rise	-2899 Sep 30 j 01:47	2°♍33'07	
direct	-2899 Oct 03 j 20:34	1°♍11'22	
morning max el	-2899 Oct 11 j 21:13	5°♍52'10	20°32'58
greatest brilliancy	-2899 Oct 18 j 04:26	13°♍24'21	-0.5m
	-2899 Oct 29 j 18:08	0°♎	
desc. node	-2899 Nov 07 j 05:15	12°♎52'24	
morning set	-2899 Nov 09 j 02:54	15°♎48'54	
	-2899 Nov 18 j 02:43	0°♏	
max. Earth dist.	-2899 Nov 18 j 23:03	1°♏21'51	1.43280 AU
superior conj	-2899 Nov 25 j 04:16	11°♏32'35	-1°-39'00
minimum elong	-2899 Nov 24 j 22:12	11°♏07'21	1°38'37
	-2899 Dec 05 j 23:22	0°♐	
evening rise	-2899 Dec 07 j 13:32	2°♐47'13	
asc. node	-2899 Dec 23 j 11:32	28°♐19'30	
evening max el	-2899 Dec 24 j 20:17	29°♐48'22	18°09'06
	-2899 Dec 25 j 00:58	0°♑	
retrograde	-2899 Dec 31 j 09:54	3°♑16'16	
evening set	-2898 Jan 03 j 03:08	2°♑39'46	
	-2898 Jan 06 j 23:14	30°℞♐	
inferior conj	-2898 Jan 09 j 13:34	27°♐26'51	3°56'05
minimum elong	-2898 Jan 09 j 12:10	27°♐30'28	3°55'53
min. Earth dist.	-2898 Jan 12 j 07:50	24°♐36'27	0.62437 AU
morning rise	-2898 Jan 15 j 19:11	21°♐33'00	
direct	-2898 Jan 22 j 20:10	18°♐56'05	
desc. node	-2898 Feb 03 j 04:31	24°♐18'51	
morning max el	-2898 Feb 05 j 18:49	26°♐42'31	27°44'02
	-2898 Feb 08 j 21:47	0°♑	
	-2898 Mar 01 j 12:48	0°♒	
morning set	-2898 Mar 11 j 07:42	18°♒30'27	
	-2898 Mar 16 j 19:44	0°♓	
max. Earth dist.	-2898 Mar 17 j 01:18	0°♓29'49	1.32869 AU
superior conj	-2898 Mar 18 j 19:29	4°♓17'16	0°-27'-26
minimum elong	-2898 Mar 18 j 20:44	4°♓24'03	0°27'14
asc. node	-2898 Mar 21 j 10:56	10°♓01'30	
evening rise	-2898 Mar 25 j 20:58	19°♓30'39	
	-2898 Mar 31 j 01:03	0°♈	
evening max el	-2898 Apr 19 j 08:04	28°♈22'37	24°03'53
	-2898 Apr 21 j 03:04	0°♉	
desc. node	-2898 May 02 j 03:27	5°♉16'33	
retrograde	-2898 May 03 j 03:39	5°♉18'52	
evening set	-2898 May 07 j 10:18	4°♉38'08	
min. Earth dist.	-2898 May 13 j 19:29	1°♉32'59	0.56449 AU
inferior conj	-2898 May 16 j 06:47	0°♉01'06	-3°-28'-52
minimum elong	-2898 May 16 j 00:45	0°♉10'30	3°27'30
	-2898 May 16 j 07:30	30°℞♈	
morning rise	-2898 May 24 j 19:09	25°♈59'26	
direct	-2898 May 27 j 07:40	25°♈42'45	
	-2898 Jun 05 j 20:03	0°♉	
morning max el	-2898 Jun 06 j 02:27	0°♉14'41	19°45'22
asc. node	-2898 Jun 17 j 10:24	16°♉08'43	
morning set	-2898 Jun 23 j 18:07	28°♉19'37	
	-2898 Jun 24 j 14:03	0°♊	
superior conj	-2898 Jul 01 j 18:32	14°♊29'16	1°45'07
minimum elong	-2898 Jul 01 j 17:00	14°♊21'42	1°45'08
max. Earth dist.	-2898 Jul 07 j 10:38	25°♊27'05	1.37201 AU
	-2898 Jul 09 j 21:31	0°♋	
evening rise	-2898 Jul 11 j 08:40	2°♋39'23	
	-2898 Jul 28 j 01:37	0°♌	
desc. node	-2898 Jul 29 j 02:40	1°♌32'11	
evening max el	-2898 Aug 16 j 04:50	24°♌18'47	25°29'45
	-2898 Aug 23 j 13:20	0°♍	
retrograde	-2898 Aug 28 j 07:02	1°♍17'35	
	-2898 Sep 01 j 14:15	30°℞♌	
evening set	-2898 Sep 03 j 06:23	28°♌45'36	
min. Earth dist.	-2898 Sep 07 j 16:05	23°♌50'58	0.66849 AU
inferior conj	-2898 Sep 08 j 18:05	22°♌26'54	-1°-33'-16
minimum elong	-2898 Sep 08 j 20:18	22°♌19'44	1°32'20
asc. node	-2898 Sep 13 j 09:33	17°♌13'21	
morning rise	-2898 Sep 14 j 10:49	16°♌26'43	
direct	-2898 Sep 17 j 18:42	15°♌22'33	
morning max el	-2898 Sep 25 j 00:53	19°♌31'27	19°29'26
	-2898 Oct 03 j 06:22	0°♍	
greatest brilliancy	-2898 Oct 04 j 03:58	1°♍18'10	-0.7m
morning set	-2898 Oct 19 j 03:53	24°♍13'18	
	-2898 Oct 22 j 20:52	0°♎	
desc. node	-2898 Oct 25 j 02:14	3°♎28'32	
max. Earth dist.	-2898 Nov 01 j 12:38	15°♎10'07	1.44424 AU
superior conj	-2898 Nov 04 j 22:59	20°♎37'35	-1°-5'-58
minimum elong	-2898 Nov 04 j 15:51	20°♎09'05	1°05'12
	-2898 Nov 10 j 18:32	0°♏	
evening rise	-2898 Nov 19 j 07:23	14°♏05'00	
	-2898 Nov 28 j 21:43	0°♐	
evening max el	-2898 Dec 08 j 08:49	13°♐08'26	18°25'31
asc. node	-2898 Dec 10 j 08:36	14°♐55'42	
retrograde	-2898 Dec 14 j 22:43	16°♐45'26	
evening set	-2898 Dec 17 j 20:10	15°♐59'44	
inferior conj	-2898 Dec 23 j 21:39	10°♐27'39	3°36'14
minimum elong	-2898 Dec 23 j 18:59	10°♐35'19	3°35'41
min. Earth dist.	-2898 Dec 26 j 01:16	7°♐59'55	0.64139 AU
morning rise	-2898 Dec 29 j 16:22	4°♐24'11	
direct	-2897 Jan 05 j 14:23	1°♐34'11	
morning max el	-2897 Jan 19 j 03:29	9°♐19'04	27°26'36
desc. node	-2897 Jan 21 j 01:37	11°♐18'19	
	-2897 Feb 04 j 08:59	0°♑	
	-2897 Feb 21 j 19:48	0°♒	
morning set	-2897 Feb 23 j 03:09	2°♒32'59	
max. Earth dist.	-2897 Feb 28 j 03:31	12°♒42'49	1.33595 AU
superior conj	-2897 Mar 03 j 01:53	18°♒52'53	0°-52'-36
minimum elong	-2897 Mar 03 j 04:13	19°♒05'18	0°52'14
asc. node	-2897 Mar 08 j 07:57	0°♓06'02	
	-2897 Mar 08 j 06:49	0°♓	
evening rise	-2897 Mar 10 j 08:15	4°♓21'17	
	-2897 Mar 24 j 11:59	0°♈	
evening max el	-2897 Apr 01 j 01:04	9°♈04'14	22°29'29
retrograde	-2897 Apr 14 j 01:05	15°♈26'08	
evening set	-2897 Apr 17 j 01:56	15°♈05'54	
desc. node	-2897 Apr 19 j 00:33	14°♈33'07	
min. Earth dist.	-2897 Apr 25 j 09:32	11°♈28'50	0.55354 AU
inferior conj	-2897 Apr 26 j 09:46	10°♈54'18	-2°00'-23
minimum elong	-2897 Apr 26 j 04:36	11°♈01'41	1°58'44
morning rise	-2897 May 05 j 09:25	6°♈58'07	
direct	-2897 May 08 j 01:29	6°♈41'43	
morning max el	-2897 May 19 j 12:36	12°♈03'25	21°01'46
	-2897 Jun 01 j 09:02	0°♉	
asc. node	-2897 Jun 04 j 07:26	5°♉31'15	
morning set	-2897 Jun 08 j 01:15	13°♉01'51	
superior conj	-2897 Jun 15 j 14:30	28°♉42'39	1°34'32
minimum elong	-2897 Jun 15 j 12:04	28°♉30'10	1°34'23
	-2897 Jun 16 j 05:34	0°♊	
max. Earth dist.	-2897 Jun 19 j 19:53	7°♊15'15	1.35544 AU
evening rise	-2897 Jun 24 j 04:32	15°♊41'07	
	-2897 Jul 02 j 04:24	0°♋	
desc. node	-2897 Jul 15 j 23:40	21°♋21'20	
	-2897 Jul 22 j 13:49	0°♌	
evening max el	-2897 Jul 29 j 16:05	7°♌50'44	26°31'36
retrograde	-2897 Aug 11 j 12:40	15°♌05'53	
evening set	-2897 Aug 18 j 01:46	12°♌22'23	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

min. Earth dist.	-2897 Aug 22 j 03:30	8°♌05'55	0.66026 AU
inferior conj	-2897 Aug 23 j 17:39	6°♌10'05	-2°-24'-57
minimum elong	-2897 Aug 23 j 20:58	6°♌00'00	2°23'43
morning rise	-2897 Aug 29 j 17:09	0°♌21'30	
	-2897 Aug 30 j 10:39	30°℞♋	
asc. node	-2897 Aug 31 j 06:38	29°♋42'41	
direct	-2897 Sep 01 j 16:33	29°♋31'22	
	-2897 Sep 03 j 23:32	0°♌	
morning max el	-2897 Sep 08 j 10:39	3°♌17'03	18°41'11
	-2897 Sep 26 j 18:23	0°♍	
morning set	-2897 Sep 29 j 02:13	3°♍43'40	
desc. node	-2897 Oct 11 j 23:12	24°♍10'42	
superior conj	-2897 Oct 15 j 00:03	28°♍57'37	0°-19'-20
minimum elong	-2897 Oct 14 j 21:29	28°♍47'32	0°19'01
max. Earth dist.	-2897 Oct 15 j 05:57	29°♍20'53	1.44884 AU
	-2897 Oct 15 j 15:53	0°♎	
evening rise	-2897 Oct 31 j 01:13	24°♎20'59	
	-2897 Nov 03 j 14:06	0°♏	
evening max el	-2897 Nov 21 j 19:31	26°♏33'37	18°59'36
	-2897 Nov 26 j 09:58	0°♐	
asc. node	-2897 Nov 27 j 05:40	0°♐16'52	
retrograde	-2897 Nov 28 j 16:58	0°♐28'57	
	-2897 Nov 30 j 22:43	30°℞♏	
evening set	-2897 Dec 01 j 20:23	29°♏32'02	
inferior conj	-2897 Dec 07 j 15:06	23°♏43'27	3°03'55
minimum elong	-2897 Dec 07 j 12:02	23°♏53'00	3°03'02
min. Earth dist.	-2897 Dec 09 j 04:05	21°♏48'30	0.65496 AU
morning rise	-2897 Dec 13 j 02:42	17°♏33'15	
direct	-2897 Dec 19 j 14:59	14°♏44'46	
morning max el	-2896 Jan 01 j 13:00	22°♏17'29	26°38'23
desc. node	-2896 Jan 07 j 22:39	29°♏28'42	
	-2896 Jan 08 j 08:46	0°♐	
	-2896 Jan 28 j 14:26	0°♑	
morning set	-2896 Feb 06 j 11:14	15°♑56'16	
max. Earth dist.	-2896 Feb 10 j 18:50	24°♑19'46	1.34768 AU
	-2896 Feb 13 j 14:18	0°♒	
superior conj	-2896 Feb 15 j 02:33	3°♒06'14	-1°-16'-8
minimum elong	-2896 Feb 15 j 05:41	3°♒22'23	1°15'45
evening rise	-2896 Feb 22 j 17:17	18°♒59'08	
asc. node	-2896 Feb 23 j 04:57	19°♒59'17	
	-2896 Feb 28 j 06:07	0°♓	
evening max el	-2896 Mar 13 j 01:23	20°♓05'07	21°01'44
retrograde	-2896 Mar 24 j 14:25	25°♓36'52	
evening set	-2896 Mar 26 j 23:28	25°♓23'41	
desc. node	-2896 Apr 04 j 21:38	21°♓35'50	
inferior conj	-2896 Apr 05 j 04:43	21°♓25'47	0°-4'-57
minimum elong	-2896 Apr 05 j 04:29	21°♓26'07	0°04'54
transit middle	-2896 Apr 05 j 04:29	21°♓26'07	0°04'54
transit begin	-2896 Apr 05 j 00:36	21°♓31'38	
transit end	-2896 Apr 05 j 08:23	21°♓20'35	
min. Earth dist.	-2896 Apr 05 j 23:27	20°♓59'12	0.55152 AU
morning rise	-2896 Apr 14 j 08:37	17°♓17'49	
direct	-2896 Apr 17 j 13:16	16°♓55'38	
morning max el	-2896 Apr 30 j 12:04	23°♓10'09	22°34'05
	-2896 May 06 j 12:43	0°♈	
asc. node	-2896 May 21 j 04:26	25°♈14'28	
morning set	-2896 May 22 j 11:42	27°♈56'08	
	-2896 May 23 j 11:22	0°♉	
superior conj	-2896 May 29 j 17:46	13°♉19'03	1°18'47
minimum elong	-2896 May 29 j 15:09	13°♉05'08	1°18'29
max. Earth dist.	-2896 Jun 01 j 15:06	19°♉22'28	1.34242 AU
evening rise	-2896 Jun 06 j 15:00	29°♉27'33	
	-2896 Jun 06 j 21:38	0°♊	
	-2896 Jun 24 j 06:49	0°♋	
desc. node	-2896 Jul 01 j 20:42	10°♋37'41	
evening max el	-2896 Jul 11 j 03:43	21°♋13'55	27°12'22
retrograde	-2896 Jul 24 j 12:49	28°♋35'23	
evening set	-2896 Jul 31 j 12:26	25°♋49'18	
min. Earth dist.	-2896 Aug 04 j 07:14	22°♋10'32	0.64830 AU
inferior conj	-2896 Aug 06 j 10:44	19°♋46'51	-3°-12'-16
minimum elong	-2896 Aug 06 j 14:43	19°♋35'43	3°11'05
morning rise	-2896 Aug 12 j 18:27	14°♋13'18	
direct	-2896 Aug 15 j 11:48	13°♋33'49	
asc. node	-2896 Aug 17 j 03:42	13°♋48'31	
morning max el	-2896 Aug 22 j 00:22	17°♋04'41	18°09'45
	-2896 Aug 31 j 09:08	0°♌	
morning set	-2896 Sep 09 j 04:30	14°♌35'43	
	-2896 Sep 18 j 12:24	0°♍	
superior conj	-2896 Sep 23 j 04:48	7°♍33'15	0°29'32
minimum elong	-2896 Sep 23 j 08:17	7°♍47'12	0°29'07
max. Earth dist.	-2896 Sep 27 j 00:19	13°♍37'21	1.44610 AU
desc. node	-2896 Sep 27 j 20:11	14°♍55'54	
	-2896 Oct 07 j 11:11	0°♎	
evening rise	-2896 Oct 09 j 19:43	3°♎39'23	
	-2896 Oct 27 j 04:44	0°♏	
greatest brilliancy	-2896 Oct 27 j 09:57	0°♏18'32	-0.6m
evening max el	-2896 Nov 04 j 02:14	10°♏00'56	19°49'46
retrograde	-2896 Nov 11 j 13:52	14°♏22'51	
asc. node	-2896 Nov 13 j 02:44	14°♏09'13	
evening set	-2896 Nov 15 j 01:15	13°♏12'22	
inferior conj	-2896 Nov 20 j 15:04	7°♏10'13	2°22'57
minimum elong	-2896 Nov 20 j 12:16	7°♏19'26	2°21'57
min. Earth dist.	-2896 Nov 21 j 14:44	5°♏52'13	0.66486 AU
morning rise	-2896 Nov 25 j 22:38	0°♏55'38	
	-2896 Nov 27 j 02:22	30°℞♎	
direct	-2896 Dec 01 j 21:12	28°♎19'51	
	-2896 Dec 07 j 05:15	0°♏	
morning max el	-2896 Dec 13 j 21:56	5°♏27'30	25°27'41
desc. node	-2896 Dec 24 j 19:40	18°♏29'20	
	-2895 Jan 01 j 21:50	0°♐	
morning set	-2895 Jan 19 j 03:16	28°♐26'34	
	-2895 Jan 19 j 23:48	0°♑	
max. Earth dist.	-2895 Jan 22 j 22:44	5°♑29'29	1.36388 AU
superior conj	-2895 Jan 28 j 18:48	16°♑49'21	-1°-36'-22
minimum elong	-2895 Jan 28 j 22:06	17°♑05'47	1°36'06
	-2895 Feb 04 j 07:02	0°♒	
evening rise	-2895 Feb 05 j 22:06	3°♒18'16	
asc. node	-2895 Feb 09 j 01:58	9°♒36'14	
	-2895 Feb 21 j 21:15	0°♓	
evening max el	-2895 Feb 23 j 12:07	1°♓39'58	19°49'05
retrograde	-2895 Mar 05 j 08:13	6°♓20'50	
evening set	-2895 Mar 07 j 14:28	6°♓07'07	
inferior conj	-2895 Mar 16 j 05:56	2°♓05'02	1°45'33
minimum elong	-2895 Mar 16 j 10:02	1°♓58'38	1°44'13
min. Earth dist.	-2895 Mar 18 j 13:35	0°♓38'57	0.55881 AU
	-2895 Mar 19 j 15:50	30°℞♒	
desc. node	-2895 Mar 22 j 18:43	28°♒22'50	
morning rise	-2895 Mar 25 j 02:28	27°♒30'19	
direct	-2895 Mar 29 j 06:55	26°♒51'27	
	-2895 Apr 07 j 11:55	0°♓	
morning max el	-2895 Apr 12 j 04:20	3°♓48'21	24°13'43
	-2895 Apr 30 j 11:52	0°♈	
morning set	-2895 May 06 j 23:43	12°♈56'50	
asc. node	-2895 May 08 j 01:26	15°♈12'32	
superior conj	-2895 May 14 j 01:49	28°♈10'29	0°59'13
minimum elong	-2895 May 13 j 23:32	27°♈58'07	0°58'51
	-2895 May 14 j 22:08	0°♉	
max. Earth dist.	-2895 May 15 j 19:32	1°♉54'46	1.33312 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening rise	-2895 May 21 j 11:52	13°♉45'59	
	-2895 May 30 j 01:02	0°♊	
desc. node	-2895 Jun 18 j 17:45	29°♊07'14	
	-2895 Jun 19 j 12:11	0°♋	
evening max el	-2895 Jun 23 j 13:47	4°♋15'14	27°25'12
retrograde	-2895 Jul 07 j 06:52	11°♋37'21	
evening set	-2895 Jul 14 j 11:03	9°♋00'46	
min. Earth dist.	-2895 Jul 18 j 01:22	5°♋54'48	0.63262 AU
inferior conj	-2895 Jul 20 j 18:37	3°♋11'07	-3°-51'-58
minimum elong	-2895 Jul 20 j 22:27	3°♋01'28	3°51'09
	-2895 Jul 24 j 04:27	30°℞♊	
morning rise	-2895 Jul 27 j 11:56	27°♊56'00	
direct	-2895 Jul 30 j 01:31	27°♊24'25	
asc. node	-2895 Aug 04 j 00:45	29°♊23'06	
	-2895 Aug 04 j 18:34	0°♋	
morning max el	-2895 Aug 05 j 15:28	0°♋48'50	17°56'02
morning set	-2895 Aug 22 j 07:14	26°♋37'27	
	-2895 Aug 24 j 05:30	0°♌	
superior conj	-2895 Sep 03 j 07:56	17°♌16'13	1°09'07
minimum elong	-2895 Sep 03 j 13:32	17°♌39'31	1°08'33
max. Earth dist.	-2895 Sep 09 j 16:07	27°♌38'58	1.43644 AU
	-2895 Sep 11 j 03:17	0°♍	
desc. node	-2895 Sep 14 j 17:10	5°♍40'37	
evening rise	-2895 Sep 19 j 00:59	12°♍25'43	
	-2895 Sep 30 j 15:03	0°♎	
greatest brilliancy	-2895 Oct 12 j 11:27	16°♎46'03	-0.5m
evening max el	-2895 Oct 18 j 03:16	23°♎27'26	20°53'48
retrograde	-2895 Oct 26 j 11:06	28°♎23'14	
evening set	-2895 Oct 30 j 08:36	26°♎56'42	
asc. node	-2895 Oct 30 j 23:49	26°♎26'06	
inferior conj	-2895 Nov 04 j 19:12	20°♎44'22	1°35'57
minimum elong	-2895 Nov 04 j 17:08	20°♎51'26	1°35'08
min. Earth dist.	-2895 Nov 05 j 07:06	20°♎03'44	0.67124 AU
morning rise	-2895 Nov 10 j 01:15	14°♎27'45	
direct	-2895 Nov 15 j 08:25	12°♎11'15	
morning max el	-2895 Nov 26 j 06:38	18°♎42'07	24°04'07
	-2895 Dec 05 j 19:25	0°♏	
desc. node	-2895 Dec 11 j 16:42	8°♏05'11	
	-2895 Dec 26 j 00:57	0°♐	
morning set	-2895 Dec 31 j 21:17	9°♐47'29	
max. Earth dist.	-2894 Jan 04 j 19:19	16°♐39'32	1.38348 AU
superior conj	-2894 Jan 11 j 22:59	29°♐51'47	-1°-50'-59
minimum elong	-2894 Jan 12 j 01:24	0°♑03'16	1°50'57
	-2894 Jan 12 j 00:43	0°♑	
evening rise	-2894 Jan 20 j 20:18	17°♑11'38	
asc. node	-2894 Jan 26 j 23:00	28°♑50'29	
	-2894 Jan 27 j 14:31	0°♒	
evening max el	-2894 Feb 06 j 09:01	13°♒50'16	18°55'27
retrograde	-2894 Feb 14 j 17:37	17°♒51'36	
evening set	-2894 Feb 17 j 02:20	17°♒33'37	
inferior conj	-2894 Feb 25 j 00:25	13°♒15'43	3°05'11
minimum elong	-2894 Feb 25 j 05:00	13°♒07'28	3°04'06
min. Earth dist.	-2894 Feb 28 j 05:21	10°♒58'46	0.57362 AU
morning rise	-2894 Mar 05 j 03:47	8°♒10'08	
desc. node	-2894 Mar 09 j 15:47	7°♒02'34	
direct	-2894 Mar 10 j 13:04	7°♒00'39	
morning max el	-2894 Mar 24 j 19:34	14°♒24'35	25°46'59
	-2894 Apr 06 j 04:51	0°♓	
morning set	-2894 Apr 21 j 11:38	27°♓58'07	
	-2894 Apr 22 j 10:44	0°♈	
asc. node	-2894 Apr 24 j 22:27	5°♈20'29	
superior conj	-2894 Apr 28 j 12:38	13°♈10'17	0°36'53
minimum elong	-2894 Apr 28 j 11:05	13°♈01'47	0°36'35
max. Earth dist.	-2894 Apr 29 j 06:10	14°♈45'59	1.32735 AU
evening rise	-2894 May 05 j 15:53	28°♈26'10	
	-2894 May 06 j 10:08	0°♉	
	-2894 May 23 j 08:05	0°♊	
desc. node	-2894 Jun 05 j 14:47	16°♊30'34	
evening max el	-2894 Jun 05 j 19:49	16°♊42'39	27°05'56
retrograde	-2894 Jun 19 j 18:23	24°♊03'23	
evening set	-2894 Jun 26 j 17:39	21°♊50'22	
min. Earth dist.	-2894 Jun 30 j 09:27	19°♊05'45	0.61378 AU
inferior conj	-2894 Jul 03 j 14:10	16°♊15'58	-4°-18'-58
minimum elong	-2894 Jul 03 j 16:32	16°♊10'42	4°18'41
morning rise	-2894 Jul 10 j 18:17	11°♊22'04	
direct	-2894 Jul 13 j 06:04	10°♊56'18	
morning max el	-2894 Jul 20 j 05:13	14°♊23'47	18°00'54
asc. node	-2894 Jul 21 j 21:49	16°♊12'18	
	-2894 Jul 30 j 22:20	0°♋	
morning set	-2894 Aug 05 j 04:52	9°♋33'56	
superior conj	-2894 Aug 15 j 14:49	28°♋22'08	1°34'38
minimum elong	-2894 Aug 15 j 18:57	28°♋40'09	1°34'23
	-2894 Aug 16 j 13:15	0°♌	
max. Earth dist.	-2894 Aug 23 j 02:33	11°♌07'44	1.42119 AU
evening rise	-2894 Aug 29 j 11:58	21°♌30'00	
desc. node	-2894 Sep 01 j 14:10	26°♌21'53	
	-2894 Sep 03 j 22:32	0°♍	
	-2894 Sep 24 j 22:49	0°♎	
greatest brilliancy	-2894 Sep 26 j 04:09	1°♎31'13	-0.3m
evening max el	-2894 Sep 30 j 22:11	6°♎53'33	22°08'23
retrograde	-2894 Oct 10 j 06:56	12°♎27'40	
evening set	-2894 Oct 14 j 16:37	10°♎43'05	
asc. node	-2894 Oct 17 j 20:54	7°♎21'13	
inferior conj	-2894 Oct 20 j 01:32	4°♎24'13	0°44'57
minimum elong	-2894 Oct 20 j 00:30	4°♎27'46	0°44'31
min. Earth dist.	-2894 Oct 20 j 02:49	4°♎19'47	0.67441 AU
	-2894 Oct 23 j 10:58	30°℞♍	
morning rise	-2894 Oct 25 j 08:13	28°♍08'11	
direct	-2894 Oct 30 j 00:10	26°♍13'29	
	-2894 Nov 06 j 14:36	0°♎	
morning max el	-2894 Nov 08 j 17:31	2°♎00'39	22°37'17
greatest brilliancy	-2894 Nov 13 j 10:15	7°♎17'22	-0.3m
desc. node	-2894 Nov 28 j 13:44	28°♎06'19	
	-2894 Nov 29 j 20:15	0°♏	
morning set	-2894 Dec 12 j 11:39	19°♏46'07	
max. Earth dist.	-2894 Dec 17 j 15:52	28°♏23'43	1.40432 AU
	-2894 Dec 18 j 14:26	0°♐	
superior conj	-2894 Dec 25 j 10:26	12°♐01'45	-1°-56'-53
minimum elong	-2894 Dec 25 j 10:26	12°♐01'44	1°56'59
evening rise	-2893 Jan 04 j 09:01	0°♑32'20	
	-2893 Jan 04 j 02:10	0°♑	
asc. node	-2893 Jan 13 j 20:04	17°♑34'38	
evening max el	-2893 Jan 20 j 14:04	26°♑30'41	18°21'54
	-2893 Jan 26 j 12:35	0°♒	
retrograde	-2893 Jan 27 j 21:32	0°♒07'38	
	-2893 Jan 29 j 06:56	30°℞♑	
evening set	-2893 Jan 30 j 09:36	29°♑43'21	
inferior conj	-2893 Feb 06 j 15:38	25°♑04'46	3°47'50
minimum elong	-2893 Feb 06 j 18:00	24°♑59'47	3°47'31
min. Earth dist.	-2893 Feb 10 j 01:06	22°♑15'55	0.59292 AU
morning rise	-2893 Feb 13 j 23:00	19°♑34'49	
direct	-2893 Feb 20 j 08:24	17°♑46'25	
desc. node	-2893 Feb 24 j 12:54	18°♑30'56	
morning max el	-2893 Mar 06 j 14:55	25°♑24'47	26°58'40
	-2893 Mar 10 j 21:23	0°♒	
	-2893 Mar 30 j 10:02	0°♓	
morning set	-2893 Apr 05 j 21:42	12°♓52'49	
asc. node	-2893 Apr 11 j 19:29	25°♓33'02	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2893 Apr 13 j 00:24	28°♓11'22	0°12'39
minimum elong	-2893 Apr 12 j 23:50	28°♓08'17	0°12'31
behind sun begin	-2893 Apr 12 j 20:47	27°♓51'29	
behind sun end	-2893 Apr 13 j 02:54	28°♓25'04	
max. Earth dist.	-2893 Apr 12 j 19:21	27°♓43'42	1.32507 AU
	-2893 Apr 13 j 20:14	0°♈	
evening rise	-2893 Apr 20 j 00:27	13°♈18'38	
	-2893 Apr 28 j 12:57	0°♉	
evening max el	-2893 May 18 j 19:51	28°♉27'43	26°14'24
	-2893 May 20 j 12:22	0°♊	
desc. node	-2893 May 23 j 11:51	2°♊19'26	
retrograde	-2893 Jun 01 j 21:48	5°♊44'47	
evening set	-2893 Jun 08 j 03:58	4°♊07'27	
min. Earth dist.	-2893 Jun 12 j 08:48	1°♊27'11	0.59331 AU
	-2893 Jun 14 j 06:34	30°℞♉	
inferior conj	-2893 Jun 15 j 17:41	28°♉51'30	-4°-25'-30
minimum elong	-2893 Jun 15 j 16:59	28°♉52'52	4°25'26
morning rise	-2893 Jun 23 j 09:40	24°♉19'51	
direct	-2893 Jun 25 j 21:03	23°♉58'28	
morning max el	-2893 Jul 03 j 14:37	27°♉40'21	18°25'17
	-2893 Jul 05 j 18:51	0°♊	
asc. node	-2893 Jul 08 j 18:53	3°♊59'56	
morning set	-2893 Jul 19 j 16:19	23°♊11'27	
	-2893 Jul 23 j 05:39	0°♋	
superior conj	-2893 Jul 28 j 21:40	10°♋39'39	1°46'49
minimum elong	-2893 Jul 28 j 23:13	10°♋46'48	1°46'50
max. Earth dist.	-2893 Aug 05 j 07:01	23°♋52'12	1.40249 AU
	-2893 Aug 08 j 21:29	0°♌	
evening rise	-2893 Aug 09 j 20:23	1°♌35'25	
desc. node	-2893 Aug 19 j 11:10	16°♌55'27	
	-2893 Aug 28 j 07:38	0°♍	
evening max el	-2893 Sep 13 j 12:09	20°♍20'53	23°28'38
retrograde	-2893 Sep 23 j 23:51	26°♍32'57	
evening set	-2893 Sep 28 j 23:29	24°♍29'12	
inferior conj	-2893 Oct 04 j 08:15	18°♍07'37	0°-8'-22
minimum elong	-2893 Oct 04 j 08:27	18°♍06'58	0°08'17
transit middle	-2893 Oct 04 j 08:27	18°♍06'58	0°08'17
transit begin	-2893 Oct 04 j 06:07	18°♍14'58	
transit end	-2893 Oct 04 j 10:47	17°♍58'58	
min. Earth dist.	-2893 Oct 03 j 23:21	18°♍38'07	0.67453 AU
asc. node	-2893 Oct 04 j 18:00	17°♍34'18	
morning rise	-2893 Oct 09 j 17:29	11°♍55'10	
direct	-2893 Oct 13 j 19:28	10°♍21'52	
morning max el	-2893 Oct 22 j 09:38	15°♍25'28	21°15'24
greatest brilliancy	-2893 Oct 27 j 18:42	21°♍39'52	-0.5m
	-2893 Nov 02 j 22:55	0°♎	
desc. node	-2893 Nov 15 j 10:46	18°♎25'19	
morning set	-2893 Nov 21 j 22:29	28°♎27'47	
	-2893 Nov 22 j 21:54	0°♏	
max. Earth dist.	-2893 Nov 29 j 18:22	11°♏00'55	1.42351 AU
superior conj	-2893 Dec 06 j 23:34	23°♏05'52	-1°-50'-9
minimum elong	-2893 Dec 06 j 19:43	22°♏49'21	1°50'03
	-2893 Dec 10 j 23:07	0°♐	
evening rise	-2893 Dec 18 j 08:34	13°♐12'30	
	-2893 Dec 27 j 22:21	0°♑	
asc. node	-2893 Dec 31 j 17:08	5°♑39'20	
evening max el	-2892 Jan 04 j 00:22	9°♑33'07	18°08'17
retrograde	-2892 Jan 10 j 17:35	13°♑00'22	
evening set	-2892 Jan 13 j 08:54	12°♑28'34	
inferior conj	-2892 Jan 20 j 01:41	7°♑28'07	3°59'45
minimum elong	-2892 Jan 20 j 01:28	7°♑28'38	3°59'40
min. Earth dist.	-2892 Jan 23 j 03:31	4°♑31'50	0.61330 AU
morning rise	-2892 Jan 26 j 15:32	1°♑41'41	
	-2892 Jan 29 j 20:32	30°℞♐	
direct	-2892 Feb 02 j 14:17	29°♐18'44	
	-2892 Feb 06 j 11:36	0°♑	
desc. node	-2892 Feb 11 j 09:59	2°♑36'18	
morning max el	-2892 Feb 16 j 16:21	7°♑03'28	27°37'54
	-2892 Mar 05 j 02:40	0°♒	
morning set	-2892 Mar 20 j 04:02	27°♒34'05	
	-2892 Mar 21 j 08:16	0°♓	
max. Earth dist.	-2892 Mar 26 j 07:23	10°♓34'51	1.32633 AU
superior conj	-2892 Mar 27 j 11:29	13°♓07'47	0°-12'-41
minimum elong	-2892 Mar 27 j 12:04	13°♓10'57	0°12'36
behind sun begin	-2892 Mar 27 j 08:59	12°♓54'06	
behind sun end	-2892 Mar 27 j 15:10	13°♓27'47	
asc. node	-2892 Mar 28 j 16:31	15°♓46'09	
evening rise	-2892 Apr 03 j 11:33	28°♓16'07	
	-2892 Apr 04 j 07:23	0°♈	
	-2892 Apr 21 j 10:18	0°♉	
evening max el	-2892 Apr 29 j 14:00	9°♉33'13	24°56'20
desc. node	-2892 May 09 j 08:54	15°♉58'29	
retrograde	-2892 May 13 j 14:31	16°♉40'00	
evening set	-2892 May 18 j 16:08	15°♉41'13	
min. Earth dist.	-2892 May 24 j 02:07	12°♉48'47	0.57394 AU
inferior conj	-2892 May 27 j 01:58	10°♉48'54	-4°-1'-3
minimum elong	-2892 May 26 j 21:26	10°♉56'31	4°00'20
morning rise	-2892 Jun 04 j 06:45	6°♉37'38	
direct	-2892 Jun 06 j 18:41	6°♉19'30	
morning max el	-2892 Jun 15 j 16:41	10°♉29'10	19°10'06
asc. node	-2892 Jun 24 j 15:57	22°♉32'48	
	-2892 Jun 28 j 19:02	0°♊	
morning set	-2892 Jul 02 j 13:40	7°♊20'29	
superior conj	-2892 Jul 10 j 22:45	23°♊53'11	1°48'11
minimum elong	-2892 Jul 10 j 22:07	23°♊50'07	1°48'16
	-2892 Jul 14 j 03:37	0°♋	
max. Earth dist.	-2892 Jul 17 j 09:04	5°♋58'29	1.38287 AU
evening rise	-2892 Jul 21 j 06:47	12°♋56'27	
	-2892 Jul 31 j 14:00	0°♌	
desc. node	-2892 Aug 05 j 08:09	7°♌16'52	
	-2892 Aug 22 j 08:27	0°♍	
evening max el	-2892 Aug 25 j 23:36	3°♍51'46	24°47'49
retrograde	-2892 Sep 06 j 12:46	10°♍35'35	
evening set	-2892 Sep 12 j 03:27	8°♍13'16	
min. Earth dist.	-2892 Sep 16 j 18:12	2°♍57'14	0.67163 AU
inferior conj	-2892 Sep 17 j 13:38	1°♍52'41	-1°-2'-27
minimum elong	-2892 Sep 17 j 15:07	1°♍47'43	1°01'48
	-2892 Sep 19 j 00:06	30°℞♌	
asc. node	-2892 Sep 20 j 15:06	28°♌03'26	
morning rise	-2892 Sep 23 j 03:08	25°♌47'02	
direct	-2892 Sep 26 j 17:05	24°♌32'59	
morning max el	-2892 Oct 04 j 08:57	28°♌59'02	20°04'08
	-2892 Oct 05 j 08:02	0°♍	
greatest brilliancy	-2892 Oct 11 j 14:52	7°♍54'17	-0.6m
	-2892 Oct 26 j 12:44	0°♎	
morning set	-2892 Oct 30 j 20:00	6°♎37'46	
desc. node	-2892 Nov 01 j 07:45	8°♎56'18	
max. Earth dist.	-2892 Nov 11 j 04:44	24°♎28'51	1.43842 AU
	-2892 Nov 14 j 15:04	0°♏	
superior conj	-2892 Nov 16 j 09:39	2°♏53'01	-1°-27'-6
minimum elong	-2892 Nov 16 j 02:31	2°♏23'54	1°26'29
evening rise	-2892 Nov 29 j 14:32	25°♏02'34	
	-2892 Dec 02 j 11:42	0°♐	
evening max el	-2892 Dec 17 j 12:53	22°♐48'30	18°13'54
asc. node	-2892 Dec 17 j 14:12	22°♐51'49	
retrograde	-2892 Dec 24 j 01:28	26°♐18'40	
evening set	-2892 Dec 26 j 20:28	25°♐38'18	
inferior conj	-2891 Jan 02 j 02:47	20°♐16'58	3°49'29
minimum elong	-2891 Jan 02 j 00:43	20°♐22'33	3°49'09

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

min. Earth dist.	-2891 Jan 04 j 14:57	17°♐34'44	0.63202 AU
morning rise	-2891 Jan 08 j 03:18	14°♐18'59	
direct	-2891 Jan 15 j 04:11	11°♐34'40	
desc. node	-2891 Jan 28 j 07:04	18°♐41'56	
morning max el	-2891 Jan 28 j 22:56	19°♐20'34	27°40'47
	-2891 Feb 07 j 01:55	0°♑	
	-2891 Feb 25 j 23:50	0°♒	
morning set	-2891 Mar 04 j 04:13	11°♒53'05	
max. Earth dist.	-2891 Mar 09 j 14:23	23°♒05'33	1.33134 AU
superior conj	-2891 Mar 11 j 20:07	27°♒52'33	0°-38'-13
minimum elong	-2891 Mar 11 j 21:51	28°♒01'52	0°37'55
	-2891 Mar 12 j 19:47	0°♓	
asc. node	-2891 Mar 15 j 13:33	5°♓54'58	
evening rise	-2891 Mar 18 j 23:16	13°♓11'02	
	-2891 Mar 27 j 13:29	0°♈	
evening max el	-2891 Apr 11 j 05:36	20°♈15'20	23°23'35
retrograde	-2891 Apr 24 j 18:26	26°♈58'33	
desc. node	-2891 Apr 26 j 05:58	26°♈53'39	
evening set	-2891 Apr 28 j 11:26	26°♈28'26	
min. Earth dist.	-2891 May 05 j 16:17	23°♈11'27	0.55897 AU
inferior conj	-2891 May 07 j 14:19	22°♈03'17	-2°-56'-6
minimum elong	-2891 May 07 j 08:01	22°♈12'39	2°54'23
morning rise	-2891 May 16 j 07:55	18°♈05'44	
direct	-2891 May 18 j 21:37	17°♈49'26	
morning max el	-2891 May 29 j 08:57	22°♈41'04	20°15'32
	-2891 Jun 04 j 13:02	0°♉	
asc. node	-2891 Jun 11 j 12:59	11°♉39'52	
morning set	-2891 Jun 16 j 17:56	21°♉52'55	
	-2891 Jun 20 j 17:05	0°♊	
superior conj	-2891 Jun 24 j 13:01	7°♊48'26	1°41'21
minimum elong	-2891 Jun 24 j 11:01	7°♊38'20	1°41'18
max. Earth dist.	-2891 Jun 29 j 14:30	17°♊47'30	1.36463 AU
evening rise	-2891 Jul 03 j 15:55	25°♊25'28	
	-2891 Jul 06 j 04:38	0°♋	
desc. node	-2891 Jul 23 j 05:08	27°♋20'20	
	-2891 Jul 25 j 02:13	0°♌	
evening max el	-2891 Aug 08 j 10:37	17°♌25'07	25°58'11
retrograde	-2891 Aug 20 j 21:01	24°♌31'23	
evening set	-2891 Aug 27 j 02:36	21°♌53'40	
min. Earth dist.	-2891 Aug 31 j 08:53	17°♌15'17	0.66546 AU
inferior conj	-2891 Sep 01 j 15:52	15°♌37'35	-1°-55'-33
minimum elong	-2891 Sep 01 j 18:35	15°♌29'00	1°54'28
morning rise	-2891 Sep 07 j 11:18	9°♌42'01	
asc. node	-2891 Sep 07 j 12:11	9°♌40'41	
direct	-2891 Sep 10 j 15:23	8°♌44'06	
morning max el	-2891 Sep 17 j 15:26	12°♌41'39	19°06'59
	-2891 Sep 30 j 07:14	0°♍	
morning set	-2891 Oct 10 j 04:22	15°♍26'16	
desc. node	-2891 Oct 19 j 04:43	29°♍35'35	
	-2891 Oct 19 j 10:56	0°♎	
max. Earth dist.	-2891 Oct 24 j 20:56	8°♎31'35	1.44710 AU
superior conj	-2891 Oct 26 j 18:47	11°♎32'44	0°-47'-18
minimum elong	-2891 Oct 26 j 12:58	11°♎09'43	0°46'37
	-2891 Nov 07 j 07:22	0°♏	
evening rise	-2891 Nov 10 j 22:30	5°♏54'54	
	-2891 Nov 26 j 01:55	0°♐	
evening max el	-2891 Dec 01 j 00:55	6°♐11'05	18°37'54
asc. node	-2891 Dec 04 j 11:15	8°♐58'03	
retrograde	-2891 Dec 07 j 17:04	9°♐54'47	
evening set	-2891 Dec 10 j 16:54	9°♐04'25	
inferior conj	-2891 Dec 16 j 15:13	3°♐24'41	3°23'48
minimum elong	-2891 Dec 16 j 12:17	3°♐33'25	3°23'05
min. Earth dist.	-2891 Dec 18 j 12:21	1°♐10'25	0.64760 AU
	-2891 Dec 19 j 13:02	30°℞♏	

morning rise	-2891 Dec 22 j 06:30	27°♏18'06	
direct	-2891 Dec 29 j 00:55	24°♏27'31	
	-2890 Jan 09 j 01:58	0°♐	
morning max el	-2890 Jan 11 j 08:22	2°♐08'06	27°09'31
desc. node	-2890 Jan 15 j 04:08	6°♐14'28	
	-2890 Feb 01 j 06:36	0°♑	
morning set	-2890 Feb 15 j 19:18	25°♑40'13	
	-2890 Feb 18 j 00:10	0°♒	
max. Earth dist.	-2890 Feb 20 j 12:32	5°♒04'31	1.34045 AU
superior conj	-2890 Feb 24 j 00:20	12°♒19'20	-1°-2'-52
minimum elong	-2890 Feb 24 j 03:04	12°♒33'40	1°02'28
asc. node	-2890 Mar 02 j 10:33	25°♒55'20	
evening rise	-2890 Mar 03 j 09:49	27°♒57'05	
	-2890 Mar 04 j 09:31	0°♓	
	-2890 Mar 23 j 00:03	0°♈	
evening max el	-2890 Mar 24 j 00:55	1°♈01'46	21°50'35
retrograde	-2890 Apr 05 j 11:24	7°♈03'51	
evening set	-2890 Apr 08 j 03:46	6°♈47'45	
desc. node	-2890 Apr 13 j 03:04	5°♈03'51	
min. Earth dist.	-2890 Apr 17 j 05:50	2°♈52'41	0.55156 AU
inferior conj	-2890 Apr 17 j 12:12	2°♈43'43	-1°-13'00
minimum elong	-2890 Apr 17 j 08:50	2°♈48'27	1°11'51
	-2890 Apr 22 j 18:55	30°℞♓	
morning rise	-2890 Apr 26 j 14:57	28°♓45'14	
direct	-2890 Apr 29 j 10:56	28°♓27'26	
	-2890 May 05 j 17:52	0°♈	
morning max el	-2890 May 11 j 14:21	4°♈11'19	21°39'33
	-2890 May 28 j 19:27	0°♉	
asc. node	-2890 May 29 j 10:00	1°♉12'11	
morning set	-2890 Jun 01 j 02:42	6°♉41'22	
superior conj	-2890 Jun 08 j 12:27	22°♉13'02	1°28'24
minimum elong	-2890 Jun 08 j 09:51	21°♉59'33	1°28'10
max. Earth dist.	-2890 Jun 12 j 03:56	29°♉42'38	1.34942 AU
	-2890 Jun 12 j 07:22	0°♊	
evening rise	-2890 Jun 16 j 18:33	8°♊47'49	
	-2890 Jun 28 j 17:48	0°♋	
desc. node	-2890 Jul 10 j 02:09	16°♋57'18	
	-2890 Jul 20 j 23:59	0°♌	
evening max el	-2890 Jul 21 j 21:57	0°♌54'13	26°51'52
retrograde	-2890 Aug 04 j 00:20	8°♌13'11	
evening set	-2890 Aug 10 j 18:37	5°♌26'56	
min. Earth dist.	-2890 Aug 14 j 17:07	1°♌27'07	0.65565 AU
	-2890 Aug 15 j 22:52	30°℞♋	
inferior conj	-2890 Aug 16 j 12:56	29°♋18'33	-2°-45'-44
minimum elong	-2890 Aug 16 j 16:36	29°♋07'45	2°44'28
morning rise	-2890 Aug 22 j 15:48	23°♋36'17	
asc. node	-2890 Aug 25 j 09:14	22°♋51'13	
direct	-2890 Aug 25 j 12:20	22°♋51'08	
morning max el	-2890 Sep 01 j 03:15	26°♋29'17	18°25'46
	-2890 Sep 04 j 03:57	0°♌	
morning set	-2890 Sep 20 j 14:32	25°♌31'38	
	-2890 Sep 23 j 08:34	0°♍	
superior conj	-2890 Oct 05 j 18:28	19°♍51'05	0°01'57
minimum elong	-2890 Oct 05 j 18:43	19°♍52'05	0°01'55
behind sun begin	-2890 Oct 05 j 07:31	19°♍07'50	
behind sun end	-2890 Oct 06 j 05:55	20°♍36'17	
desc. node	-2890 Oct 06 j 01:40	20°♍19'32	
max. Earth dist.	-2890 Oct 07 j 15:09	22°♍47'18	1.44855 AU
	-2890 Oct 12 j 05:12	0°♎	
evening rise	-2890 Oct 22 j 05:53	15°♎44'58	
	-2890 Oct 31 j 08:01	0°♏	
greatest brilliancy	-2890 Nov 04 j 13:02	6°♏27'16	-0.7m
evening max el	-2890 Nov 14 j 10:02	19°♏36'49	19°19'04
asc. node	-2890 Nov 21 j 08:19	23°♏42'47	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

retrograde	-2890 Nov 21 j 12:53	23°♏42'59	
evening set	-2890 Nov 24 j 19:22	22°♏40'38	
inferior conj	-2890 Nov 30 j 11:45	16°♏45'39	2°47'26
minimum elong	-2890 Nov 30 j 08:44	16°♏55'18	2°46'28
min. Earth dist.	-2890 Dec 01 j 18:50	15°♏06'12	0.65954 AU
morning rise	-2890 Dec 05 j 21:17	10°♏33'03	
direct	-2890 Dec 12 j 03:54	7°♏49'01	
morning max el	-2890 Dec 24 j 17:59	15°♏13'23	26°10'36
desc. node	-2889 Jan 02 j 01:11	24°♏48'19	
	-2889 Jan 05 j 22:53	0°♐	
	-2889 Jan 25 j 01:39	0°♑	
morning set	-2889 Jan 29 j 21:17	8°♑43'22	
max. Earth dist.	-2889 Feb 02 j 22:59	16°♑28'34	1.35398 AU
superior conj	-2889 Feb 07 j 21:48	26°♑20'57	-1°-25'-15
minimum elong	-2889 Feb 08 j 01:06	26°♑37'46	1°24'54
	-2889 Feb 09 j 16:35	0°♒	
evening rise	-2889 Feb 15 j 17:20	12°♒28'03	
asc. node	-2889 Feb 17 j 07:34	15°♒42'39	
	-2889 Feb 24 j 23:09	0°♓	
evening max el	-2889 Mar 06 j 05:28	12°♓16'35	20°28'45
retrograde	-2889 Mar 17 j 01:31	17°♓26'36	
evening set	-2889 Mar 19 j 07:57	17°♓13'57	
inferior conj	-2889 Mar 28 j 08:15	13°♓16'05	0°44'25
minimum elong	-2889 Mar 28 j 10:14	13°♓13'11	0°43'42
min. Earth dist.	-2889 Mar 29 j 20:03	12°♓23'44	0.55345 AU
desc. node	-2889 Mar 31 j 00:10	11°♓43'36	
morning rise	-2889 Apr 06 j 10:28	8°♓57'49	
direct	-2889 Apr 09 j 23:38	8°♓30'24	
morning max el	-2889 Apr 23 j 10:26	15°♓05'16	23°16'16
	-2889 May 05 j 01:03	0°♈	
asc. node	-2889 May 16 j 07:01	21°♈03'08	
morning set	-2889 May 16 j 14:04	21°♈39'59	
	-2889 May 20 j 12:11	0°♉	
superior conj	-2889 May 23 j 18:06	6°♉57'56	1°10'55
minimum elong	-2889 May 23 j 15:34	6°♉44'22	1°10'34
max. Earth dist.	-2889 May 26 j 03:08	12°♉00'31	1.33799 AU
evening rise	-2889 May 31 j 09:57	22°♉50'12	
	-2889 Jun 04 j 02:41	0°♊	
	-2889 Jun 22 j 10:46	0°♋	
desc. node	-2889 Jun 26 j 23:11	5°♋56'23	
evening max el	-2889 Jul 04 j 09:02	14°♋09'40	27°21'26
retrograde	-2889 Jul 17 j 22:15	21°♋32'45	
evening set	-2889 Jul 25 j 00:40	18°♋48'48	
min. Earth dist.	-2889 Jul 28 j 16:58	15°♋25'01	0.64209 AU
inferior conj	-2889 Jul 31 j 02:29	12°♋51'12	-3°-30'-19
minimum elong	-2889 Jul 31 j 06:32	12°♋40'20	3°29'14
morning rise	-2889 Aug 06 j 14:10	7°♋25'15	
direct	-2889 Aug 09 j 05:31	6°♋49'36	
asc. node	-2889 Aug 12 j 06:18	7°♋36'37	
morning max el	-2889 Aug 15 j 17:58	10°♋16'53	18°01'38
	-2889 Aug 29 j 02:28	0°♌	
morning set	-2889 Sep 02 j 03:50	6°♌55'04	
superior conj	-2889 Sep 15 j 07:16	28°♌51'38	0°47'55
minimum elong	-2889 Sep 15 j 12:14	29°♌11'46	0°47'21
	-2889 Sep 16 j 00:08	0°♍	
max. Earth dist.	-2889 Sep 20 j 08:13	6°♍57'41	1.44277 AU
desc. node	-2889 Sep 22 j 22:39	11°♍05'03	
evening rise	-2889 Oct 01 j 16:46	24°♍44'20	
	-2889 Oct 05 j 02:50	0°♎	
greatest brilliancy	-2889 Oct 21 j 22:24	24°♎53'36	-0.6m
	-2889 Oct 25 j 21:07	0°♏	
evening max el	-2889 Oct 28 j 14:25	3°♏03'40	20°15'32
retrograde	-2889 Nov 05 j 10:11	7°♏39'37	
asc. node	-2889 Nov 08 j 05:23	6°♏54'18	
evening set	-2889 Nov 09 j 01:31	6°♏22'48	
inferior conj	-2889 Nov 14 j 13:46	0°♏15'58	2°03'37
minimum elong	-2889 Nov 14 j 11:14	0°♏24'28	2°02'40
	-2889 Nov 14 j 18:31	30°℞♎	
min. Earth dist.	-2889 Nov 15 j 08:20	29°♎13'38	0.66795 AU
morning rise	-2889 Nov 19 j 20:23	23°♎59'57	
direct	-2889 Nov 25 j 12:28	21°♎31'35	
morning max el	-2889 Dec 07 j 02:35	28°♎25'36	24°53'03
	-2889 Dec 08 j 14:51	0°♏	
desc. node	-2889 Dec 19 j 22:12	14°♏05'24	
	-2889 Dec 30 j 17:21	0°♐	
morning set	-2888 Jan 12 j 04:44	20°♐46'11	
max. Earth dist.	-2888 Jan 15 j 22:30	27°♐31'53	1.37179 AU
	-2888 Jan 17 j 06:27	0°♑	
superior conj	-2888 Jan 22 j 09:25	9°♑47'57	-1°-43'-26
minimum elong	-2888 Jan 22 j 12:30	10°♑03'02	1°43'17
evening rise	-2888 Jan 30 j 19:38	26°♑36'39	
	-2888 Feb 01 j 12:33	0°♒	
asc. node	-2888 Feb 04 j 04:37	5°♒10'42	
evening max el	-2888 Feb 16 j 20:48	24°♒07'18	19°23'59
retrograde	-2888 Feb 26 j 00:45	28°♒29'18	
evening set	-2888 Feb 28 j 07:42	28°♒14'11	
inferior conj	-2888 Mar 07 j 15:54	24°♒06'51	2°23'50
minimum elong	-2888 Mar 07 j 20:41	23°♒58'59	2°22'27
min. Earth dist.	-2888 Mar 10 j 10:59	22°♒17'11	0.56427 AU
morning rise	-2888 Mar 16 j 05:54	19°♒18'32	
desc. node	-2888 Mar 16 j 21:16	19°♒05'53	
direct	-2888 Mar 20 j 22:44	18°♒27'59	
morning max el	-2888 Apr 04 j 01:26	25°♒39'04	24°55'01
	-2888 Apr 08 j 03:11	0°♓	
	-2888 Apr 26 j 20:02	0°♈	
morning set	-2888 Apr 30 j 02:16	6°♈41'39	
asc. node	-2888 May 02 j 04:04	11°♈06'07	
superior conj	-2888 May 07 j 03:35	21°♈54'01	0°50'04
minimum elong	-2888 May 07 j 01:34	21°♈43'02	0°49'42
max. Earth dist.	-2888 May 08 j 10:31	24°♈41'38	1.33025 AU
	-2888 May 10 j 21:54	0°♉	
evening rise	-2888 May 14 j 10:14	7°♉19'27	
	-2888 May 26 j 14:46	0°♊	
desc. node	-2888 Jun 12 j 20:15	24°♊01'00	
evening max el	-2888 Jun 15 j 17:50	26°♊58'39	27°21'04
	-2888 Jun 19 j 05:32	0°♋	
retrograde	-2888 Jun 29 j 13:51	4°♋20'27	
evening set	-2888 Jul 06 j 17:02	1°♋52'27	
	-2888 Jul 09 j 02:51	30°℞♊	
min. Earth dist.	-2888 Jul 10 j 07:05	28°♊56'57	0.62495 AU
inferior conj	-2888 Jul 13 j 05:36	26°♊08'41	-4°-5'-24
minimum elong	-2888 Jul 13 j 08:59	26°♊00'32	4°04'48
morning rise	-2888 Jul 20 j 03:21	21°♊02'03	
direct	-2888 Jul 22 j 15:51	20°♊33'13	
asc. node	-2888 Jul 29 j 03:22	23°♊44'52	
morning max el	-2888 Jul 29 j 08:49	23°♊58'04	17°55'39
	-2888 Aug 03 j 05:15	0°♋	
morning set	-2888 Aug 14 j 15:21	19°♋22'18	
	-2888 Aug 20 j 14:56	0°♌	
superior conj	-2888 Aug 25 j 22:17	9°♌10'08	1°21'42
minimum elong	-2888 Aug 26 j 03:32	9°♌32'28	1°21'14
max. Earth dist.	-2888 Sep 01 j 21:44	20°♌46'30	1.43057 AU
	-2888 Sep 07 j 15:55	0°♍	
desc. node	-2888 Sep 08 j 19:39	1°♍49'00	
evening rise	-2888 Sep 09 j 22:04	3°♍32'19	
	-2888 Sep 27 j 14:23	0°♎	
greatest brilliancy	-2888 Oct 05 j 10:10	10°♎36'07	-0.4m
evening max el	-2888 Oct 10 j 12:57	16°♎30'48	21°24'35

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

retrograde	-2888 Oct 19 j 06:57	21°♎42'17	
evening set	-2888 Oct 23 j 09:22	20°♎08'26	
asc. node	-2888 Oct 25 j 02:27	18°♎33'44	
inferior conj	-2888 Oct 28 j 19:05	13°♎53'09	1°14'43
minimum elong	-2888 Oct 28 j 17:25	13°♎58'51	1°14'02
min. Earth dist.	-2888 Oct 29 j 02:26	13°♎27'49	0.67299 AU
morning rise	-2888 Nov 03 j 01:09	7°♎36'29	
direct	-2888 Nov 08 j 01:53	5°♎28'51	
morning max el	-2888 Nov 18 j 11:37	11°♎41'17	23°26'59
greatest brilliancy	-2888 Nov 24 j 07:34	18°♎18'21	-0.2m
	-2888 Dec 03 j 02:01	0°♏	
desc. node	-2888 Dec 05 j 19:14	3°♏53'27	
	-2888 Dec 22 j 13:16	0°♐	
morning set	-2888 Dec 23 j 11:30	1°♐33'08	
max. Earth dist.	-2888 Dec 27 j 17:55	8°♐52'05	1.39236 AU
superior conj	-2887 Jan 04 j 07:10	22°♐30'15	-1°-54'-46
minimum elong	-2887 Jan 04 j 08:46	22°♐37'40	1°54'50
	-2887 Jan 08 j 06:21	0°♑	
evening rise	-2887 Jan 13 j 14:13	10°♑17'07	
asc. node	-2887 Jan 21 j 01:41	24°♑13'11	
	-2887 Jan 24 j 15:20	0°♒	
evening max el	-2887 Jan 29 j 21:34	6°♒31'39	18°38'45
retrograde	-2887 Feb 06 j 17:49	10°♒20'17	
evening set	-2887 Feb 09 j 04:10	9°♒59'39	
inferior conj	-2887 Feb 16 j 19:06	5°♒33'16	3°27'32
minimum elong	-2887 Feb 16 j 22:56	5°♒25'56	3°26'48
min. Earth dist.	-2887 Feb 20 j 03:53	3°♒00'05	0.58154 AU
morning rise	-2887 Feb 24 j 13:58	0°♒16'42	
	-2887 Feb 25 j 04:39	30°℞♑	
direct	-2887 Mar 02 j 10:51	28°♑50'51	
desc. node	-2887 Mar 03 j 18:23	28°♑55'09	
	-2887 Mar 07 j 19:10	0°♒	
morning max el	-2887 Mar 16 j 17:38	6°♒21'27	26°20'53
	-2887 Apr 03 j 04:51	0°♓	
morning set	-2887 Apr 14 j 13:37	21°♓40'28	
	-2887 Apr 18 j 11:05	0°♈	
asc. node	-2887 Apr 19 j 01:07	1°♈16'20	
superior conj	-2887 Apr 21 j 15:00	6°♈54'41	0°26'48
minimum elong	-2887 Apr 21 j 13:50	6°♈48'19	0°26'33
max. Earth dist.	-2887 Apr 21 j 22:45	7°♈37'09	1.32600 AU
evening rise	-2887 Apr 28 j 16:28	22°♈05'45	
	-2887 May 02 j 14:14	0°♉	
	-2887 May 20 j 20:49	0°♊	
evening max el	-2887 May 28 j 21:44	9°♊09'15	26°47'49
desc. node	-2887 May 30 j 17:19	10°♊48'11	
retrograde	-2887 Jun 11 j 21:50	16°♊27'51	
evening set	-2887 Jun 18 j 15:25	14°♊29'13	
min. Earth dist.	-2887 Jun 22 j 11:13	11°♊48'34	0.60519 AU
inferior conj	-2887 Jun 25 j 18:47	9°♊02'25	-4°-24'-50
minimum elong	-2887 Jun 25 j 20:02	8°♊59'48	4°24'43
morning rise	-2887 Jul 03 j 03:47	4°♊17'39	
direct	-2887 Jul 05 j 15:22	3°♊53'45	
morning max el	-2887 Jul 12 j 21:00	7°♊25'48	18°08'45
asc. node	-2887 Jul 16 j 00:28	11°♊00'32	
	-2887 Jul 27 j 09:34	0°♋	
morning set	-2887 Jul 28 j 19:26	2°♋38'00	
superior conj	-2887 Aug 07 j 16:00	20°♋48'11	1°41'18
minimum elong	-2887 Aug 07 j 19:03	21°♋01'49	1°41'12
	-2887 Aug 12 j 21:49	0°♌	
max. Earth dist.	-2887 Aug 15 j 06:01	3°♌59'06	1.41359 AU
evening rise	-2887 Aug 20 j 16:55	12°♌59'13	
desc. node	-2887 Aug 26 j 16:37	22°♌27'33	
	-2887 Aug 31 j 15:28	0°♍	
greatest brilliancy	-2887 Sep 18 j 09:16	24°♍31'36	-0.3m
evening max el	-2887 Sep 23 j 05:39	29°♍57'35	22°42'12
	-2887 Sep 23 j 06:36	0°♎	
retrograde	-2887 Oct 03 j 01:32	5°♎47'33	
evening set	-2887 Oct 07 j 17:05	3°♎54'46	
	-2887 Oct 11 j 06:53	30°℞♍	
asc. node	-2887 Oct 11 j 23:33	29°♍04'25	
inferior conj	-2887 Oct 13 j 01:46	27°♍34'29	0°22'31
minimum elong	-2887 Oct 13 j 01:15	27°♍36'18	0°22'18
min. Earth dist.	-2887 Oct 12 j 22:41	27°♍45'07	0.67490 AU
morning rise	-2887 Oct 18 j 09:20	21°♍19'52	
direct	-2887 Oct 22 j 19:12	19°♍34'27	
morning max el	-2887 Nov 01 j 00:20	25°♍01'55	22°01'26
	-2887 Nov 05 j 10:13	0°♎	
greatest brilliancy	-2887 Nov 05 j 19:12	0°♎27'33	-0.4m
desc. node	-2887 Nov 22 j 16:14	24°♎02'51	
	-2887 Nov 26 j 14:15	0°♏	
morning set	-2887 Dec 03 j 13:21	10°♏55'44	
max. Earth dist.	-2887 Dec 09 j 17:04	21°♏00'05	1.41293 AU
	-2887 Dec 14 j 23:52	0°♐	
superior conj	-2887 Dec 17 j 09:46	4°♐13'36	-1°-55'-49
minimum elong	-2887 Dec 17 j 08:15	4°♐06'52	1°55'53
evening rise	-2887 Dec 27 j 21:46	23°♐21'21	
	-2887 Dec 31 j 12:08	0°♑	
asc. node	-2886 Jan 07 j 22:43	12°♑41'29	
evening max el	-2886 Jan 13 j 05:07	19°♑21'44	18°13'38
retrograde	-2886 Jan 20 j 05:11	22°♑52'59	
evening set	-2886 Jan 22 j 18:41	22°♑25'32	
inferior conj	-2886 Jan 29 j 18:40	17°♑37'14	3°56'08
minimum elong	-2886 Jan 29 j 19:53	17°♑34'30	3°55'59
min. Earth dist.	-2886 Feb 02 j 01:49	14°♑42'32	0.60166 AU
morning rise	-2886 Feb 05 j 18:07	11°♑59'30	
direct	-2886 Feb 12 j 10:32	9°♑55'36	
desc. node	-2886 Feb 18 j 15:28	11°♑33'32	
morning max el	-2886 Feb 26 j 15:33	17°♑36'41	27°19'53
	-2886 Mar 08 j 23:39	0°♒	
	-2886 Mar 26 j 17:19	0°♓	
morning set	-2886 Mar 29 j 22:20	6°♓30'08	
max. Earth dist.	-2886 Apr 05 j 12:05	20°♓34'22	1.32515 AU
asc. node	-2886 Apr 05 j 22:09	21°♓29'25	
superior conj	-2886 Apr 06 j 02:39	21°♓54'03	0°01'59
minimum elong	-2886 Apr 06 j 02:34	21°♓53'33	0°01'57
behind sun begin	-2886 Apr 05 j 21:35	21°♓26'15	
behind sun end	-2886 Apr 06 j 07:33	22°♓20'51	
	-2886 Apr 09 j 19:38	0°♈	
evening rise	-2886 Apr 13 j 02:21	7°♈00'58	
	-2886 Apr 25 j 05:27	0°♉	
evening max el	-2886 May 10 j 19:02	20°♉36'11	25°43'52
desc. node	-2886 May 17 j 14:23	25°♉46'51	
retrograde	-2886 May 24 j 20:48	27°♉49'52	
evening set	-2886 May 30 j 16:17	26°♉29'04	
min. Earth dist.	-2886 Jun 04 j 07:17	23°♉45'49	0.58474 AU
inferior conj	-2886 Jun 07 j 14:26	21°♉22'49	-4°-19'-37
minimum elong	-2886 Jun 07 j 12:05	21°♉27'06	4°19'23
morning rise	-2886 Jun 15 j 11:47	17°♉00'34	
direct	-2886 Jun 17 j 23:30	16°♉40'35	
morning max el	-2886 Jun 26 j 03:39	20°♉32'04	18°41'54
asc. node	-2886 Jul 02 j 21:32	29°♉09'06	
	-2886 Jul 03 j 10:19	0°♊	
morning set	-2886 Jul 12 j 11:33	16°♊30'42	
	-2886 Jul 19 j 10:36	0°♋	
superior conj	-2886 Jul 21 j 07:23	3°♋32'27	1°48'33
minimum elong	-2886 Jul 21 j 07:55	3°♋34'59	1°48'38
max. Earth dist.	-2886 Jul 28 j 09:20	16°♋28'10	1.39411 AU
evening rise	-2886 Aug 01 j 12:28	23°♋37'08	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2886 Aug 05 j 08:23	0°♌	
desc. node	-2886 Aug 13 j 13:37	12°♌57'04	
	-2886 Aug 25 j 11:39	0°♍	
evening max el	-2886 Sep 05 j 18:08	13°♍26'19	24°02'42
retrograde	-2886 Sep 16 j 16:53	19°♍52'54	
evening set	-2886 Sep 21 j 22:57	17°♍40'44	
inferior conj	-2886 Sep 27 j 08:08	11°♍19'01	0°-31'-18
minimum elong	-2886 Sep 27 j 08:52	11°♍16'30	0°30'59
min. Earth dist.	-2886 Sep 26 j 18:44	12°♍04'27	0.67376 AU
asc. node	-2886 Sep 28 j 20:38	9°♍17'20	
morning rise	-2886 Oct 02 j 19:00	5°♍09'19	
direct	-2886 Oct 06 j 15:33	3°♍44'45	
morning max el	-2886 Oct 14 j 19:34	8°♍31'15	20°43'29
greatest brilliancy	-2886 Oct 20 j 20:18	15°♍40'13	-0.5m
	-2886 Oct 30 j 23:32	0°♎	
desc. node	-2886 Nov 09 j 13:12	14°♎27'28	
morning set	-2886 Nov 12 j 15:52	19°♎16'08	
	-2886 Nov 19 j 11:15	0°♏	
max. Earth dist.	-2886 Nov 21 j 23:11	4°♏01'02	1.43056 AU
superior conj	-2886 Nov 28 j 11:39	14°♏44'53	-1°-42'-31
minimum elong	-2886 Nov 28 j 06:06	14°♏21'39	1°42'11
	-2886 Dec 07 j 08:55	0°♐	
evening rise	-2886 Dec 10 j 14:22	5°♐41'18	
	-2886 Dec 25 j 11:33	0°♑	
asc. node	-2886 Dec 25 j 19:46	0°♑25'18	
evening max el	-2886 Dec 27 j 16:35	2°♑29'48	18°08'18
retrograde	-2885 Jan 03 j 06:57	5°♑57'17	
evening set	-2885 Jan 05 j 23:36	5°♑22'06	
inferior conj	-2885 Jan 12 j 11:36	0°♑12'24	3°57'40
minimum elong	-2885 Jan 12 j 10:28	0°♑15'15	3°57'31
	-2885 Jan 12 j 16:28	30°℞♐	
min. Earth dist.	-2885 Jan 15 j 07:58	27°♐19'46	0.62154 AU
morning rise	-2885 Jan 18 j 19:11	24°♐20'14	
direct	-2885 Jan 25 j 19:54	21°♐46'24	
desc. node	-2885 Feb 05 j 12:32	26°♐34'18	
morning max el	-2885 Feb 08 j 19:39	29°♐32'58	27°43'40
	-2885 Feb 09 j 06:31	0°♑	
	-2885 Mar 02 j 21:04	0°♒	
morning set	-2885 Mar 14 j 02:20	21°♒02'55	
	-2885 Mar 18 j 09:25	0°♓	
max. Earth dist.	-2885 Mar 19 j 22:26	3°♓18'13	1.32791 AU
superior conj	-2885 Mar 21 j 12:51	6°♓45'51	0°-23'-34
minimum elong	-2885 Mar 21 j 13:56	6°♓51'42	0°23'23
asc. node	-2885 Mar 23 j 19:09	11°♓40'57	
evening rise	-2885 Mar 28 j 13:52	21°♓57'40	
	-2885 Apr 01 j 11:56	0°♈	
	-2885 Apr 21 j 00:07	0°♉	
evening max el	-2885 Apr 22 j 11:10	1°♉27'42	24°17'51
desc. node	-2885 May 04 j 11:29	8°♉19'26	
retrograde	-2885 May 06 j 08:34	8°♉27'33	
evening set	-2885 May 10 j 20:06	7°♉42'33	
min. Earth dist.	-2885 May 16 j 22:51	4°♉41'00	0.56672 AU
inferior conj	-2885 May 19 j 13:59	3°♉01'21	-3°-38'-47
minimum elong	-2885 May 19 j 08:14	3°♉10'29	3°37'35
	-2885 May 24 j 22:31	30°℞♈	
morning rise	-2885 May 28 j 00:23	28°♈57'33	
direct	-2885 May 30 j 12:37	28°♈40'36	
	-2885 Jun 04 j 18:31	0°♉	
morning max el	-2885 Jun 09 j 01:53	3°♉06'24	19°35'36
asc. node	-2885 Jun 19 j 18:34	17°♉57'25	
	-2885 Jun 26 j 02:06	0°♊	
morning set	-2885 Jun 26 j 12:09	0°♊50'14	
superior conj	-2885 Jul 04 j 14:39	17°♊05'29	1°46'09
minimum elong	-2885 Jul 04 j 13:20	16°♊59'00	1°46'12
max. Earth dist.	-2885 Jul 10 j 11:36	28°♊21'59	1.37475 AU
	-2885 Jul 11 j 08:45	0°♋	
evening rise	-2885 Jul 14 j 09:07	5°♋28'29	
	-2885 Jul 29 j 07:09	0°♌	
desc. node	-2885 Jul 31 j 10:38	3°♌11'49	
evening max el	-2885 Aug 19 j 04:59	26°♌58'03	25°19'12
	-2885 Aug 22 j 13:59	0°♍	
retrograde	-2885 Aug 31 j 04:04	3°♍53'32	
evening set	-2885 Sep 06 j 01:09	1°♍23'58	
	-2885 Sep 07 j 12:02	30°℞♌	
min. Earth dist.	-2885 Sep 10 j 12:09	26°♌23'37	0.66942 AU
inferior conj	-2885 Sep 11 j 12:24	25°♌04'34	-1°-25'-11
minimum elong	-2885 Sep 11 j 14:26	24°♌57'56	1°24'20
asc. node	-2885 Sep 15 j 17:42	20°♌10'33	
morning rise	-2885 Sep 17 j 04:15	19°♌02'46	
direct	-2885 Sep 20 j 13:36	17°♌56'11	
morning max el	-2885 Sep 27 j 22:08	22°♌09'23	19°37'54
	-2885 Oct 04 j 07:29	0°♍	
greatest brilliancy	-2885 Oct 06 j 10:52	3°♍00'50	-0.7m
morning set	-2885 Oct 22 j 15:14	27°♍35'06	
	-2885 Oct 24 j 04:31	0°♎	
desc. node	-2885 Oct 27 j 10:11	5°♎02'38	
max. Earth dist.	-2885 Nov 04 j 11:49	17°♎44'13	1.44295 AU
superior conj	-2885 Nov 08 j 10:14	24°♎00'51	-1°-12'-1
minimum elong	-2885 Nov 08 j 02:54	23°♎31'26	1°11'17
	-2885 Nov 12 j 03:11	0°♏	
evening rise	-2885 Nov 22 j 11:31	17°♏08'05	
	-2885 Nov 30 j 03:35	0°♐	
evening max el	-2885 Dec 11 j 05:13	15°♐49'18	18°21'57
asc. node	-2885 Dec 12 j 16:48	17°♐11'49	
retrograde	-2885 Dec 17 j 18:32	19°♐24'10	
evening set	-2885 Dec 20 j 15:19	18°♐39'55	
inferior conj	-2885 Dec 26 j 17:59	13°♐10'41	3°40'08
minimum elong	-2885 Dec 26 j 15:27	13°♐17'52	3°39'38
min. Earth dist.	-2885 Dec 28 j 23:53	10°♐38'42	0.63908 AU
morning rise	-2884 Jan 01 j 14:05	7°♐08'34	
direct	-2884 Jan 08 j 13:07	4°♐19'26	
morning max el	-2884 Jan 22 j 03:48	12°♐04'58	27°31'17
desc. node	-2884 Jan 23 j 09:35	13°♐20'51	
	-2884 Feb 05 j 12:11	0°♑	
	-2884 Feb 23 j 07:17	0°♒	
morning set	-2884 Feb 25 j 23:04	5°♒10'08	
max. Earth dist.	-2884 Mar 02 j 01:56	15°♒35'55	1.33462 AU
superior conj	-2884 Mar 04 j 19:52	21°♒24'14	0°-48'-52
minimum elong	-2884 Mar 04 j 22:04	21°♒35'53	0°48'30
	-2884 Mar 08 j 20:10	0°♓	
asc. node	-2884 Mar 09 j 16:10	1°♓46'56	
evening rise	-2884 Mar 12 j 01:18	6°♓49'39	
	-2884 Mar 24 j 12:21	0°♈	
evening max el	-2884 Apr 03 j 03:36	12°♈08'32	22°43'23
retrograde	-2884 Apr 16 j 07:29	18°♈36'23	
evening set	-2884 Apr 19 j 12:04	18°♈14'06	
desc. node	-2884 Apr 20 j 08:33	18°♈00'58	
min. Earth dist.	-2884 Apr 27 j 12:55	14°♈42'41	0.55469 AU
inferior conj	-2884 Apr 28 j 19:05	13°♈59'22	-2°-16'-10
minimum elong	-2884 Apr 28 j 13:27	14°♈07'28	2°14'25
morning rise	-2884 May 07 j 17:17	10°♈03'13	
direct	-2884 May 10 j 08:34	9°♈46'57	
morning max el	-2884 May 21 j 13:34	15°♈00'47	20°49'13
	-2884 Jun 01 j 16:29	0°♉	
asc. node	-2884 Jun 05 j 15:36	7°♉15'55	
morning set	-2884 Jun 09 j 18:34	15°♉29'39	
	-2884 Jun 16 j 18:46	0°♊	
superior conj	-2884 Jun 17 j 09:12	1°♊13'59	1°36'31

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2884 Jun 17 j 06:51	1°♊02'00	1°36'23
max. Earth dist.	-2884 Jun 21 j 19:38	10°♊08'52	1.35772 AU
evening rise	-2884 Jun 26 j 02:20	18°♊21'47	
	-2884 Jul 02 j 13:42	0°♋	
desc. node	-2884 Jul 17 j 07:39	23°♋04'54	
	-2884 Jul 22 j 11:02	0°♌	
evening max el	-2884 Jul 31 j 16:14	10°♌30'41	26°23'37
retrograde	-2884 Aug 13 j 10:24	17°♌43'44	
evening set	-2884 Aug 19 j 21:35	15°♌01'37	
min. Earth dist.	-2884 Aug 24 j 00:31	10°♌39'21	0.66169 AU
inferior conj	-2884 Aug 25 j 12:43	8°♌48'15	-2°-17'-20
minimum elong	-2884 Aug 25 j 15:53	8°♌38'30	2°16'09
morning rise	-2884 Aug 31 j 11:06	2°♌57'39	
asc. node	-2884 Sep 01 j 14:46	2°♌25'31	
direct	-2884 Sep 03 j 11:40	2°♌05'33	
morning max el	-2884 Sep 10 j 07:04	5°♌54'05	18°47'22
	-2884 Sep 27 j 01:41	0°♍	
morning set	-2884 Oct 01 j 09:41	6°♍54'05	
desc. node	-2884 Oct 13 j 07:09	25°♍44'13	
	-2884 Oct 16 j 00:07	0°♎	
max. Earth dist.	-2884 Oct 17 j 05:04	1°♎54'01	1.44863 AU
superior conj	-2884 Oct 17 j 12:48	2°♎24'27	0°-26'-52
minimum elong	-2884 Oct 17 j 09:16	2°♎10'33	0°26'26
evening rise	-2884 Nov 02 j 09:05	27°♎33'43	
	-2884 Nov 03 j 21:31	0°♏	
evening max el	-2884 Nov 23 j 16:24	29°♏14'14	18°53'26
	-2884 Nov 24 j 10:54	0°♐	
asc. node	-2884 Nov 28 j 13:51	2°♐45'27	
retrograde	-2884 Nov 30 j 12:11	3°♐06'06	
evening set	-2884 Dec 03 j 14:39	2°♐10'55	
	-2884 Dec 06 j 07:12	30°℞♏	
inferior conj	-2884 Dec 09 j 10:14	26°♏24'33	3°09'25
minimum elong	-2884 Dec 09 j 07:11	26°♏33'57	3°08'35
min. Earth dist.	-2884 Dec 11 j 01:17	24°♏24'29	0.65321 AU
morning rise	-2884 Dec 14 j 22:42	20°♏15'20	
direct	-2884 Dec 21 j 12:47	17°♏25'56	
morning max el	-2883 Jan 03 j 13:19	25°♏00'48	26°47'12
	-2883 Jan 08 j 03:06	0°♐	
desc. node	-2883 Jan 09 j 06:37	1°♐21'57	
	-2883 Jan 28 j 22:49	0°♑	
morning set	-2883 Feb 08 j 09:06	18°♑39'52	
max. Earth dist.	-2883 Feb 12 j 19:04	27°♑18'23	1.34570 AU
	-2883 Feb 14 j 03:06	0°♒	
superior conj	-2883 Feb 16 j 21:33	5°♒41'17	-1°-12'-45
minimum elong	-2883 Feb 17 j 00:35	5°♒57'04	1°12'21
evening rise	-2883 Feb 24 j 10:47	21°♒29'48	
asc. node	-2883 Feb 24 j 13:11	21°♒42'14	
	-2883 Feb 28 j 15:57	0°♓	
evening max el	-2883 Mar 16 j 02:30	23°♓05'02	21°13'55
retrograde	-2883 Mar 27 j 21:15	28°♓44'38	
evening set	-2883 Mar 30 j 07:48	28°♓30'56	
desc. node	-2883 Apr 07 j 05:37	25°♓17'52	
inferior conj	-2883 Apr 08 j 14:19	24°♓32'04	0°-22'-53
minimum elong	-2883 Apr 08 j 13:14	24°♓33'35	0°22'32
min. Earth dist.	-2883 Apr 09 j 02:37	24°♓14'42	0.55125 AU
morning rise	-2883 Apr 17 j 18:16	20°♓27'13	
direct	-2883 Apr 20 j 20:24	20°♓06'24	
morning max el	-2883 May 03 j 14:25	26°♓13'01	22°19'39
	-2883 May 07 j 04:17	0°♈	
asc. node	-2883 May 23 j 12:38	26°♈56'41	
morning set	-2883 May 25 j 04:39	0°♉22'43	
	-2883 May 25 j 00:17	0°♉	
superior conj	-2883 Jun 01 j 11:33	15°♉47'33	1°21'28
minimum elong	-2883 Jun 01 j 08:55	15°♉33'39	1°21'10

max. Earth dist.	-2883 Jun 04 j 13:29	22°♉13'16	1.34411 AU
	-2883 Jun 08 j 09:57	0°♊	
evening rise	-2883 Jun 09 j 10:55	2°♊02'27	
	-2883 Jun 25 j 11:45	0°♋	
desc. node	-2883 Jul 04 j 04:41	12°♋27'06	
evening max el	-2883 Jul 14 j 03:54	23°♋56'03	27°07'56
	-2883 Jul 22 j 08:18	0°♌	
retrograde	-2883 Jul 27 j 11:17	1°♌16'49	
	-2883 Aug 01 j 05:00	30°℞♋	
evening set	-2883 Aug 03 j 09:45	28°♋30'22	
min. Earth dist.	-2883 Aug 07 j 05:28	24°♋46'17	0.65031 AU
inferior conj	-2883 Aug 09 j 06:56	22°♋26'25	-3°-5'-33
minimum elong	-2883 Aug 09 j 10:52	22°♋15'17	3°04'19
morning rise	-2883 Aug 15 j 13:21	16°♋50'29	
direct	-2883 Aug 18 j 07:30	16°♋09'35	
asc. node	-2883 Aug 19 j 11:51	16°♋17'06	
morning max el	-2883 Aug 24 j 20:24	19°♋41'56	18°13'24
	-2883 Sep 01 j 13:57	0°♌	
morning set	-2883 Sep 12 j 07:54	17°♌34'37	
	-2883 Sep 19 j 21:07	0°♍	
superior conj	-2883 Sep 26 j 15:33	10°♍53'41	0°22'31
minimum elong	-2883 Sep 26 j 18:18	11°♍04'40	0°22'11
max. Earth dist.	-2883 Sep 29 j 23:44	16°♍11'49	1.44697 AU
desc. node	-2883 Sep 30 j 04:09	16°♍29'18	
	-2883 Oct 08 j 18:52	0°♎	
evening rise	-2883 Oct 13 j 06:46	7°♎00'05	
	-2883 Oct 28 j 07:05	0°♏	
greatest brilliancy	-2883 Oct 29 j 20:54	2°♏17'43	-0.7m
evening max el	-2883 Nov 06 j 23:49	12°♏41'21	19°41'17
retrograde	-2883 Nov 14 j 08:55	16°♏58'54	
asc. node	-2883 Nov 15 j 10:55	16°♏52'08	
evening set	-2883 Nov 17 j 19:00	15°♏50'31	
inferior conj	-2883 Nov 23 j 09:25	9°♏50'02	2°29'35
minimum elong	-2883 Nov 23 j 06:33	9°♏59'26	2°28'36
min. Earth dist.	-2883 Nov 24 j 10:55	8°♏26'35	0.66363 AU
morning rise	-2883 Nov 28 j 17:26	3°♏35'56	
direct	-2883 Dec 04 j 18:07	0°♏57'53	
morning max el	-2883 Dec 16 j 22:30	8°♏10'01	25°39'16
desc. node	-2883 Dec 27 j 03:40	20°♏16'00	
	-2882 Jan 03 j 02:26	0°♐	
	-2882 Jan 21 j 10:31	0°♑	
morning set	-2882 Jan 22 j 03:55	1°♑19'02	
max. Earth dist.	-2882 Jan 26 j 00:42	8°♑31'26	1.36123 AU
superior conj	-2882 Jan 31 j 15:16	19°♑29'19	-1°-33'-36
minimum elong	-2882 Jan 31 j 18:36	19°♑46'01	1°33'20
	-2882 Feb 05 j 19:25	0°♒	
evening rise	-2882 Feb 08 j 16:24	5°♒52'11	
asc. node	-2882 Feb 11 j 10:13	11°♒21'57	
	-2882 Feb 22 j 10:50	0°♓	
evening max el	-2882 Feb 26 j 11:35	4°♓34'11	19°58'42
retrograde	-2882 Mar 08 j 13:48	9°♓22'28	
evening set	-2882 Mar 10 j 19:52	9°♓09'10	
inferior conj	-2882 Mar 19 j 13:46	5°♓08'29	1°30'24
minimum elong	-2882 Mar 19 j 17:27	5°♓02'52	1°29'11
min. Earth dist.	-2882 Mar 21 j 16:42	3°♓51'00	0.55715 AU
desc. node	-2882 Mar 25 j 02:43	1°♓58'09	
morning rise	-2882 Mar 28 j 12:09	0°♓38'19	
direct	-2882 Apr 01 j 12:19	0°♓02'58	
morning max el	-2882 Apr 15 j 07:32	6°♓54'32	23°58'59
	-2882 May 01 j 20:45	0°♈	
morning set	-2882 May 09 j 16:34	15°♈23'08	
asc. node	-2882 May 10 j 09:40	16°♈53'11	
superior conj	-2882 May 16 j 19:04	0°♉37'31	1°02'24
minimum elong	-2882 May 16 j 16:42	0°♉24'46	1°02'02

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2882 May 16 j 12:06	0°♉	
max. Earth dist.	-2882 May 18 j 16:41	4°♉42'05	1.33423 AU
evening rise	-2882 May 24 j 06:27	16°♉16'56	
	-2882 May 31 j 10:38	0°♊	
	-2882 Jun 20 j 04:05	0°♋	
desc. node	-2882 Jun 21 j 01:45	1°♋05'01	
evening max el	-2882 Jun 26 j 14:15	7°♋01'12	27°25'15
retrograde	-2882 Jul 10 j 06:23	14°♋23'45	
evening set	-2882 Jul 17 j 10:26	11°♋44'40	
min. Earth dist.	-2882 Jul 21 j 01:04	8°♋34'32	0.63518 AU
inferior conj	-2882 Jul 23 j 16:24	5°♋52'56	-3°-46'-42
minimum elong	-2882 Jul 23 j 20:20	5°♋42'53	3°45'48
morning rise	-2882 Jul 30 j 08:14	0°♋35'02	
direct	-2882 Aug 01 j 22:13	0°♋02'28	
asc. node	-2882 Aug 06 j 08:57	1°♋39'11	
morning max el	-2882 Aug 08 j 11:32	3°♋27'17	17°56'56
morning set	-2882 Aug 25 j 07:19	29°♋26'43	
	-2882 Aug 25 j 14:58	0°♌	
superior conj	-2882 Sep 06 j 14:42	20°♌24'50	1°04'00
minimum elong	-2882 Sep 06 j 20:16	20°♌47'50	1°03'24
	-2882 Sep 12 j 11:56	0°♍	
max. Earth dist.	-2882 Sep 12 j 15:59	0°♍16'15	1.43825 AU
desc. node	-2882 Sep 17 j 01:09	7°♍14'13	
evening rise	-2882 Sep 22 j 12:54	15°♍48'04	
	-2882 Oct 01 j 20:37	0°♎	
greatest brilliancy	-2882 Oct 15 j 04:19	19°♎06'08	-0.5m
evening max el	-2882 Oct 21 j 01:44	26°♎07'47	20°43'30
	-2882 Oct 25 j 20:24	0°♏	
retrograde	-2882 Oct 29 j 06:19	0°♏58'26	
	-2882 Nov 01 j 11:03	30°℞♎	
evening set	-2882 Nov 02 j 02:08	29°♎34'29	
asc. node	-2882 Nov 02 j 08:00	29°♎23'20	
inferior conj	-2882 Nov 07 j 13:06	23°♎23'21	1°43'24
minimum elong	-2882 Nov 07 j 10:54	23°♎30'50	1°42'32
min. Earth dist.	-2882 Nov 08 j 02:40	22°♎37'09	0.67047 AU
morning rise	-2882 Nov 12 j 19:13	17°♎06'44	
direct	-2882 Nov 18 j 04:40	14°♎47'07	
morning max el	-2882 Nov 29 j 07:13	21°♎24'27	24°16'59
	-2882 Dec 06 j 18:07	0°♏	
desc. node	-2882 Dec 14 j 00:42	9°♏47'18	
	-2882 Dec 27 j 09:02	0°♐	
morning set	-2881 Jan 04 j 01:43	12°♐51'55	
max. Earth dist.	-2881 Jan 07 j 21:56	19°♐39'17	1.38037 AU
	-2881 Jan 13 j 12:15	0°♑	
superior conj	-2881 Jan 14 j 21:35	2°♑38'52	-1°-49'-16
minimum elong	-2881 Jan 15 j 00:13	2°♑51'31	1°49'12
evening rise	-2881 Jan 23 j 15:49	19°♑50'14	
	-2881 Jan 28 j 22:30	0°♒	
asc. node	-2881 Jan 29 j 07:15	0°♒40'18	
evening max el	-2881 Feb 09 j 07:10	16°♒40'05	19°02'12
retrograde	-2881 Feb 17 j 20:33	20°♒46'25	
evening set	-2881 Feb 20 j 04:42	20°♒29'18	
inferior conj	-2881 Feb 28 j 05:24	16°♒14'22	2°55'29
minimum elong	-2881 Feb 28 j 10:08	16°♒06'03	2°54'19
min. Earth dist.	-2881 Mar 03 j 08:20	14°♒03'54	0.57100 AU
morning rise	-2881 Mar 08 j 11:39	11°♒12'57	
desc. node	-2881 Mar 11 j 23:49	10°♒15'43	
direct	-2881 Mar 13 j 16:40	10°♒08'46	
morning max el	-2881 Mar 27 j 22:40	17°♒30'06	25°34'05
	-2881 Apr 07 j 05:38	0°♓	
	-2881 Apr 23 j 23:52	0°♈	
morning set	-2881 Apr 24 j 04:39	0°♈25'04	
asc. node	-2881 Apr 27 j 06:43	7°♈00'15	
superior conj	-2881 May 01 j 05:38	15°♈36'58	0°40'26
minimum elong	-2881 May 01 j 03:56	15°♈27'45	0°40'07
max. Earth dist.	-2881 May 02 j 02:35	17°♈31'09	1.32798 AU
	-2881 May 07 j 23:00	0°♉	
evening rise	-2881 May 08 j 09:37	0°♉54'51	
	-2881 May 24 j 11:17	0°♊	
desc. node	-2881 Jun 07 j 22:48	18°♊40'01	
evening max el	-2881 Jun 08 j 21:01	19°♊34'18	27°10'52
retrograde	-2881 Jun 22 j 19:04	26°♊55'36	
evening set	-2881 Jun 29 j 19:43	24°♊38'11	
min. Earth dist.	-2881 Jul 03 j 10:42	21°♊51'15	0.61676 AU
inferior conj	-2881 Jul 06 j 14:01	19°♊01'09	-4°-16'-2
minimum elong	-2881 Jul 06 j 16:42	18°♊55'03	4°15'40
morning rise	-2881 Jul 13 j 16:28	14°♊03'57	
direct	-2881 Jul 16 j 04:19	13°♊37'30	
morning max el	-2881 Jul 23 j 01:40	17°♊04'01	17°58'53
asc. node	-2881 Jul 24 j 06:02	18°♊18'02	
	-2881 Aug 01 j 05:59	0°♋	
morning set	-2881 Aug 08 j 02:27	12°♋15'31	
	-2881 Aug 17 j 23:33	0°♌	
superior conj	-2881 Aug 18 j 17:31	1°♌18'15	1°31'41
minimum elong	-2881 Aug 18 j 21:59	1°♌37'39	1°31'23
max. Earth dist.	-2881 Aug 26 j 02:58	13°♌49'15	1.42375 AU
evening rise	-2881 Sep 01 j 21:43	24°♌45'49	
desc. node	-2881 Sep 03 j 22:08	27°♌55'56	
	-2881 Sep 05 j 06:02	0°♍	
	-2881 Sep 25 j 21:13	0°♎	
greatest brilliancy	-2881 Sep 29 j 02:21	4°♎06'31	-0.4m
evening max el	-2881 Oct 03 j 21:30	9°♎33'31	21°56'52
retrograde	-2881 Oct 13 j 02:27	15°♎01'58	
evening set	-2881 Oct 17 j 10:08	13°♎20'16	
asc. node	-2881 Oct 20 j 05:06	10°♎28'32	
inferior conj	-2881 Oct 22 j 19:13	7°♎02'11	0°52'54
minimum elong	-2881 Oct 22 j 18:01	7°♎06'21	0°52'23
min. Earth dist.	-2881 Oct 22 j 22:04	6°♎52'19	0.67410 AU
morning rise	-2881 Oct 28 j 01:40	0°♎45'48	
	-2881 Oct 29 j 02:05	30°℞♍	
direct	-2881 Nov 01 j 19:50	28°♍47'41	
	-2881 Nov 05 j 22:09	0°♎	
morning max el	-2881 Nov 11 j 17:28	4°♎41'42	22°50'03
greatest brilliancy	-2881 Nov 16 j 11:51	10°♎02'46	-0.3m
desc. node	-2881 Nov 30 j 21:42	29°♎44'54	
	-2881 Dec 01 j 01:48	0°♏	
morning set	-2881 Dec 15 j 20:24	23°♏03'03	
	-2881 Dec 20 j 00:04	0°♐	
max. Earth dist.	-2881 Dec 20 j 17:44	1°♐15'22	1.40120 AU
superior conj	-2881 Dec 28 j 11:52	14°♐57'32	-1°-56'-44
minimum elong	-2881 Dec 28 j 12:20	14°♐59'40	1°56'49
	-2880 Jan 05 j 12:56	0°♑	
evening rise	-2880 Jan 07 j 06:09	3°♑16'07	
asc. node	-2880 Jan 16 j 04:18	19°♑29'28	
evening max el	-2880 Jan 23 j 11:13	29°♑16'43	18°25'39
	-2880 Jan 24 j 05:59	0°♒	
retrograde	-2880 Jan 30 j 21:37	2°♒56'05	
evening set	-2880 Feb 02 j 09:15	2°♒32'49	
	-2880 Feb 07 j 02:45	30°℞♑	
inferior conj	-2880 Feb 09 j 17:31	27°♑57'35	3°43'31
minimum elong	-2880 Feb 09 j 20:18	27°♑51'53	3°43'06
min. Earth dist.	-2880 Feb 13 j 03:18	25°♑11'56	0.58991 AU
morning rise	-2880 Feb 17 j 03:49	22°♑30'51	
direct	-2880 Feb 23 j 10:22	20°♑48'08	
desc. node	-2880 Feb 26 j 20:54	21°♑18'06	
morning max el	-2880 Mar 08 j 17:03	28°♑24'53	26°49'48
	-2880 Mar 10 j 06:39	0°♒	
	-2880 Mar 30 j 19:47	0°♓	
morning set	-2880 Apr 07 j 15:05	15°♓20'52	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2880 Apr 13 j 03:45	27°♓12'11	
	-2880 Apr 14 j 10:25	0°♈	
superior conj	-2880 Apr 14 j 17:22	0°♈38'06	0°16'25
minimum elong	-2880 Apr 14 j 16:38	0°♈34'07	0°16'16
max. Earth dist.	-2880 Apr 14 j 15:33	0°♈28'12	1.32521 AU
evening rise	-2880 Apr 21 j 17:40	15°♈45'53	
	-2880 Apr 28 j 22:16	0°♉	
	-2880 May 19 j 11:25	0°♊	
evening max el	-2880 May 20 j 22:06	1°♊25'58	26°23'57
desc. node	-2880 May 24 j 19:52	4°♊45'09	
retrograde	-2880 Jun 03 j 23:47	8°♊43'31	
evening set	-2880 Jun 10 j 09:14	7°♊00'35	
min. Earth dist.	-2880 Jun 14 j 11:18	4°♊20'39	0.59640 AU
inferior conj	-2880 Jun 17 j 20:08	1°♊41'37	-4°-26'-18
minimum elong	-2880 Jun 17 j 19:59	1°♊41'55	4°26'14
	-2880 Jun 20 j 01:08	30°℞♉	
morning rise	-2880 Jun 25 j 10:16	27°♉06'30	
direct	-2880 Jun 27 j 21:39	26°♉44'31	
	-2880 Jul 05 j 01:41	0°♊	
morning max el	-2880 Jul 05 j 11:51	0°♊23'34	18°20'18
asc. node	-2880 Jul 10 j 03:07	5°♊57'38	
morning set	-2880 Jul 21 j 12:07	25°♊47'43	
	-2880 Jul 23 j 17:06	0°♋	
superior conj	-2880 Jul 30 j 21:08	13°♋25'56	1°45'42
minimum elong	-2880 Jul 30 j 23:04	13°♋34'48	1°45'44
max. Earth dist.	-2880 Aug 07 j 08:17	26°♋40'43	1.40543 AU
	-2880 Aug 09 j 07:06	0°♌	
evening rise	-2880 Aug 12 j 02:25	4°♌40'46	
desc. node	-2880 Aug 20 j 19:07	18°♌30'58	
	-2880 Aug 28 j 11:57	0°♍	
greatest brilliancy	-2880 Sep 09 j 09:04	16°♍04'45	-0.2m
evening max el	-2880 Sep 15 j 12:09	23°♍00'48	23°16'37
retrograde	-2880 Sep 25 j 19:46	29°♍07'10	
evening set	-2880 Sep 30 j 17:15	27°♍06'20	
inferior conj	-2880 Oct 06 j 01:58	20°♍45'04	0°00'-11
minimum elong	-2880 Oct 06 j 01:58	20°♍45'03	0°00'11
transit middle	-2880 Oct 06 j 01:58	20°♍45'03	0°00'11
transit begin	-2880 Oct 05 j 23:16	20°♍54'21	
transit end	-2880 Oct 06 j 04:40	20°♍35'46	
min. Earth dist.	-2880 Oct 05 j 18:36	21°♍10'20	0.67471 AU
asc. node	-2880 Oct 06 j 02:11	20°♍44'17	
morning rise	-2880 Oct 11 j 10:41	14°♍31'55	
direct	-2880 Oct 15 j 14:42	12°♍55'26	
morning max el	-2880 Oct 24 j 08:32	18°♍04'57	21°27'01
greatest brilliancy	-2880 Oct 29 j 13:04	24°♍03'48	-0.4m
	-2880 Nov 03 j 00:53	0°♎	
desc. node	-2880 Nov 16 j 18:41	20°♎01'19	
	-2880 Nov 23 j 05:50	0°♏	
morning set	-2880 Nov 24 j 10:44	1°♏53'43	
max. Earth dist.	-2880 Dec 01 j 19:14	13°♏44'35	1.42088 AU
superior conj	-2880 Dec 09 j 04:39	26°♏12'00	-1°-52'-11
minimum elong	-2880 Dec 09 j 01:24	25°♏58'02	1°52'07
	-2880 Dec 11 j 09:06	0°♐	
evening rise	-2880 Dec 20 j 07:51	16°♐02'20	
	-2880 Dec 28 j 03:39	0°♑	
asc. node	-2879 Jan 02 j 01:20	7°♑40'25	
evening max el	-2879 Jan 05 j 20:53	12°♑15'58	18°09'03
retrograde	-2879 Jan 12 j 15:29	15°♑43'42	
evening set	-2879 Jan 15 j 06:23	15°♑13'00	
inferior conj	-2879 Jan 22 j 00:55	10°♑15'38	3°59'33
minimum elong	-2879 Jan 22 j 01:03	10°♑15'19	3°59'27
min. Earth dist.	-2879 Jan 25 j 04:22	7°♑19'07	0.61034 AU
morning rise	-2879 Jan 28 j 17:09	4°♑31'25	
direct	-2879 Feb 04 j 14:41	2°♑13'01	
desc. node	-2879 Feb 12 j 17:59	5°♑01'22	
morning max el	-2879 Feb 18 j 17:27	9°♑56'38	27°34'21
	-2879 Mar 06 j 07:15	0°♒	
morning set	-2879 Mar 22 j 22:03	0°♓04'01	
	-2879 Mar 22 j 21:16	0°♓	
max. Earth dist.	-2879 Mar 29 j 04:01	13°♓21'00	1.32595 AU
superior conj	-2879 Mar 30 j 04:37	15°♓34'59	0°-8'-48
minimum elong	-2879 Mar 30 j 05:01	15°♓37'10	0°08'45
behind sun begin	-2879 Mar 30 j 00:46	15°♓14'02	
behind sun end	-2879 Mar 30 j 09:15	16°♓00'19	
asc. node	-2879 Mar 31 j 00:45	17°♓24'57	
	-2879 Apr 05 j 20:24	0°♈	
evening rise	-2879 Apr 06 j 04:29	0°♈42'38	
	-2879 Apr 22 j 09:05	0°♉	
evening max el	-2879 May 02 j 17:01	12°♉36'25	25°09'11
desc. node	-2879 May 11 j 16:56	18°♉45'57	
retrograde	-2879 May 16 j 18:02	19°♉45'01	
evening set	-2879 May 22 j 00:32	18°♉40'47	
min. Earth dist.	-2879 May 27 j 05:08	15°♉51'12	0.57664 AU
inferior conj	-2879 May 30 j 07:22	13°♉44'51	-4°-7'-15
minimum elong	-2879 May 30 j 03:22	13°♉51'44	4°06'41
morning rise	-2879 Jun 07 j 10:12	9°♉30'50	
direct	-2879 Jun 09 j 22:07	9°♉12'12	
morning max el	-2879 Jun 18 j 15:07	13°♉16'41	19°02'08
asc. node	-2879 Jun 27 j 00:09	24°♉24'11	
	-2879 Jun 30 j 04:34	0°♊	
morning set	-2879 Jul 05 j 08:13	9°♊52'38	
superior conj	-2879 Jul 13 j 19:51	26°♊32'06	1°48'33
minimum elong	-2879 Jul 13 j 19:30	26°♊30'25	1°48'39
	-2879 Jul 15 j 15:26	0°♋	
max. Earth dist.	-2879 Jul 20 j 10:41	8°♋53'04	1.38576 AU
evening rise	-2879 Jul 24 j 09:01	15°♋50'34	
	-2879 Aug 01 j 21:38	0°♌	
desc. node	-2879 Aug 07 j 16:07	8°♌54'40	
	-2879 Aug 23 j 02:24	0°♍	
evening max el	-2879 Aug 28 j 23:48	6°♍31'04	24°36'21
retrograde	-2879 Sep 09 j 09:14	13°♍10'26	
evening set	-2879 Sep 14 j 21:44	10°♍50'39	
min. Earth dist.	-2879 Sep 19 j 13:45	5°♍29'23	0.67231 AU
inferior conj	-2879 Sep 20 j 07:36	4°♍29'45	0°-54'-16
minimum elong	-2879 Sep 20 j 08:54	4°♍25'25	0°53'42
asc. node	-2879 Sep 22 j 23:16	1°♍07'02	
	-2879 Sep 23 j 23:45	30°℞♌	
morning rise	-2879 Sep 25 j 20:23	28°♌23'02	
direct	-2879 Sep 29 j 12:01	27°♌06'19	
	-2879 Oct 05 j 13:38	0°♍	
morning max el	-2879 Oct 07 j 06:46	1°♍37'11	20°13'54
greatest brilliancy	-2879 Oct 14 j 04:02	10°♍00'27	-0.6m
	-2879 Oct 27 j 19:25	0°♎	
morning set	-2879 Nov 03 j 08:42	10°♎03'40	
desc. node	-2879 Nov 03 j 15:39	10°♎30'32	
max. Earth dist.	-2879 Nov 14 j 04:43	27°♎06'28	1.43660 AU
	-2879 Nov 15 j 23:52	0°♏	
superior conj	-2879 Nov 19 j 18:46	6°♏10'01	-1°-31'-43
minimum elong	-2879 Nov 19 j 11:55	5°♏41'54	1°31'10
evening rise	-2879 Dec 02 j 16:39	27°♏59'56	
	-2879 Dec 03 j 20:23	0°♐	
asc. node	-2879 Dec 19 j 22:23	25°♐01'09	
evening max el	-2879 Dec 20 j 09:11	25°♐29'08	18°11'52
retrograde	-2879 Dec 26 j 21:56	28°♐58'16	
evening set	-2879 Dec 29 j 16:19	28°♐19'14	
inferior conj	-2878 Jan 05 j 00:00	23°♐00'45	3°52'08
minimum elong	-2878 Jan 04 j 22:09	23°♐05'39	3°51'52
min. Earth dist.	-2878 Jan 07 j 14:18	20°♐15'24	0.62939 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning rise	-2878 Jan 11 j 02:13	17°♐04'08	
direct	-2878 Jan 18 j 03:19	14°♐22'12	
desc. node	-2878 Jan 30 j 15:01	20°♐50'41	
morning max el	-2878 Jan 31 j 23:30	22°♐08'18	27°42'43
	-2878 Feb 07 j 22:31	0°♑	
	-2878 Feb 27 j 09:51	0°♒	
morning set	-2878 Mar 06 j 23:19	14°♒26'44	
max. Earth dist.	-2878 Mar 12 j 12:07	25°♒55'49	1.33031 AU
	-2878 Mar 14 j 09:41	0°♓	
superior conj	-2878 Mar 14 j 13:42	0°♓21'38	0°-34'-22
minimum elong	-2878 Mar 14 j 15:15	0°♓30'04	0°34'06
asc. node	-2878 Mar 17 j 21:46	7°♓34'32	
evening rise	-2878 Mar 21 j 16:12	15°♓38'12	
	-2878 Mar 28 j 21:39	0°♈	
evening max el	-2878 Apr 14 j 08:34	23°♈20'13	23°37'47
	-2878 Apr 26 j 01:51	0°♉	
retrograde	-2878 Apr 27 j 23:58	0°♉08'24	
desc. node	-2878 Apr 28 j 14:00	0°♉07'37	
	-2878 Apr 29 j 22:26	30°℞♈	
evening set	-2878 May 01 j 21:43	29°♈34'48	
min. Earth dist.	-2878 May 08 j 19:30	26°♈22'16	0.56076 AU
inferior conj	-2878 May 10 j 22:34	25°♈05'34	-3°-8'-43
minimum elong	-2878 May 10 j 16:16	25°♈15'05	3°07'06
morning rise	-2878 May 19 j 14:23	21°♈06'55	
direct	-2878 May 22 j 03:39	20°♈50'31	
morning max el	-2878 Jun 01 j 09:00	25°♈34'49	20°04'34
	-2878 Jun 05 j 09:14	0°♉	
asc. node	-2878 Jun 13 j 21:11	13°♉26'40	
morning set	-2878 Jun 19 j 11:38	24°♉22'11	
	-2878 Jun 22 j 05:57	0°♊	
superior conj	-2878 Jun 27 j 08:28	10°♊22'15	1°42'51
minimum elong	-2878 Jun 27 j 06:37	10°♊13'00	1°42'48
max. Earth dist.	-2878 Jul 02 j 15:12	20°♊42'55	1.36716 AU
evening rise	-2878 Jul 06 j 15:08	28°♊10'23	
	-2878 Jul 07 j 15:19	0°♋	
desc. node	-2878 Jul 25 j 13:10	29°♋01'34	
	-2878 Jul 26 j 05:24	0°♌	
evening max el	-2878 Aug 11 j 10:42	20°♌04'00	25°48'29
retrograde	-2878 Aug 23 j 18:16	27°♌07'50	
evening set	-2878 Aug 29 j 21:45	24°♌31'57	
min. Earth dist.	-2878 Sep 03 j 05:12	19°♌47'55	0.66664 AU
inferior conj	-2878 Sep 04 j 10:26	18°♌14'53	-1°-47'-39
minimum elong	-2878 Sep 04 j 12:59	18°♌06'46	1°46'37
asc. node	-2878 Sep 09 j 20:20	12°♌31'41	
morning rise	-2878 Sep 10 j 04:55	12°♌17'42	
direct	-2878 Sep 13 j 10:16	11°♌17'42	
morning max el	-2878 Sep 20 j 12:19	15°♌18'56	19°14'29
	-2878 Oct 01 j 12:17	0°♍	
morning set	-2878 Oct 13 j 14:08	18°♍42'50	
	-2878 Oct 20 j 19:05	0°♎	
desc. node	-2878 Oct 21 j 12:39	1°♎08'51	
max. Earth dist.	-2878 Oct 27 j 20:06	11°♎04'37	1.44628 AU
superior conj	-2878 Oct 30 j 06:59	14°♎57'40	0°-54'-11
minimum elong	-2878 Oct 30 j 00:34	14°♎32'13	0°53'27
	-2878 Nov 08 j 15:53	0°♏	
evening rise	-2878 Nov 14 j 04:10	9°♏01'17	
	-2878 Nov 27 j 03:13	0°♐	
evening max el	-2878 Dec 03 j 21:23	8°♐50'33	18°33'13
asc. node	-2878 Dec 06 j 19:25	11°♐18'05	
retrograde	-2878 Dec 10 j 12:39	12°♐31'50	
evening set	-2878 Dec 13 j 11:36	11°♐43'08	
inferior conj	-2878 Dec 19 j 10:58	6°♐05'57	3°28'25
minimum elong	-2878 Dec 19 j 08:07	6°♐14'21	3°27'46
min. Earth dist.	-2878 Dec 21 j 10:21	3°♐46'47	0.64549 AU
morning rise	-2878 Dec 25 j 03:22	0°♐00'21	
	-2878 Dec 25 j 03:32	30°℞♏	
direct	-2878 Dec 31 j 23:07	27°♏09'42	
	-2877 Jan 08 j 14:57	0°♐	
morning max el	-2877 Jan 14 j 08:45	4°♐52'09	27°16'08
desc. node	-2877 Jan 17 j 12:03	8°♐11'40	
	-2877 Feb 02 j 12:45	0°♑	
morning set	-2877 Feb 18 j 16:00	28°♑19'18	
	-2877 Feb 19 j 12:33	0°♒	
max. Earth dist.	-2877 Feb 23 j 11:46	7°♒59'43	1.33874 AU
superior conj	-2877 Feb 26 j 18:42	14°♒51'19	0°-59'-15
minimum elong	-2877 Feb 26 j 21:18	15°♒05'01	0°58'52
asc. node	-2877 Mar 04 j 18:47	27°♒36'19	
	-2877 Mar 05 j 22:06	0°♓	
evening rise	-2877 Mar 06 j 03:02	0°♓25'44	
	-2877 Mar 23 j 09:01	0°♈	
evening max el	-2877 Mar 27 j 02:53	4°♈04'04	22°04'03
retrograde	-2877 Apr 08 j 18:29	10°♈13'38	
evening set	-2877 Apr 11 j 13:29	9°♈56'19	
desc. node	-2877 Apr 15 j 11:05	8°♈40'15	
inferior conj	-2877 Apr 20 j 22:00	5°♈49'50	-1°-30'-21
minimum elong	-2877 Apr 20 j 17:55	5°♈55'37	1°29'00
min. Earth dist.	-2877 Apr 20 j 09:12	6°♈07'53	0.55203 AU
morning rise	-2877 Apr 29 j 23:50	1°♈52'37	
direct	-2877 May 02 j 18:12	1°♈35'28	
morning max el	-2877 May 14 j 16:06	7°♈11'33	21°26'02
	-2877 May 30 j 06:13	0°♉	
asc. node	-2877 May 31 j 18:13	2°♉55'32	
morning set	-2877 Jun 03 j 19:52	9°♉08'28	
superior conj	-2877 Jun 11 j 06:46	24°♉43'06	1°30'43
minimum elong	-2877 Jun 11 j 04:13	24°♉29'55	1°30'29
	-2877 Jun 13 j 20:26	0°♊	
max. Earth dist.	-2877 Jun 15 j 03:03	2°♊34'43	1.35146 AU
evening rise	-2877 Jun 19 j 15:30	11°♊25'39	
	-2877 Jun 30 j 01:49	0°♋	
desc. node	-2877 Jul 12 j 10:13	18°♋43'05	
	-2877 Jul 21 j 11:35	0°♌	
evening max el	-2877 Jul 24 j 22:00	3°♌34'02	26°45'12
retrograde	-2877 Aug 06 j 22:30	10°♌52'01	
evening set	-2877 Aug 13 j 15:02	8°♌06'30	
min. Earth dist.	-2877 Aug 17 j 14:37	4°♌00'53	0.65734 AU
inferior conj	-2877 Aug 19 j 08:27	1°♌56'36	-2°-38'-27
minimum elong	-2877 Aug 19 j 12:00	1°♌46'00	2°37'11
	-2877 Aug 21 j 00:36	30°℞♋	
morning rise	-2877 Aug 25 j 10:07	26°♋12'06	
asc. node	-2877 Aug 27 j 17:24	25°♋27'16	
direct	-2877 Aug 28 j 07:34	25°♋25'19	
morning max el	-2877 Sep 03 j 23:31	29°♋06'01	18°30'49
	-2877 Sep 04 j 19:55	0°♌	
morning set	-2877 Sep 23 j 20:10	28°♌36'04	
	-2877 Sep 24 j 16:55	0°♍	
desc. node	-2877 Oct 08 j 09:41	21°♍52'34	
superior conj	-2877 Oct 09 j 06:46	23°♍15'45	0°-5'-38
minimum elong	-2877 Oct 09 j 06:02	23°♍12'49	0°05'32
behind sun begin	-2877 Oct 08 j 19:17	22°♍30'27	
behind sun end	-2877 Oct 09 j 16:46	23°♍55'10	
max. Earth dist.	-2877 Oct 10 j 14:04	25°♍19'02	1.44879 AU
	-2877 Oct 13 j 13:30	0°♎	
evening rise	-2877 Oct 25 j 15:16	19°♎00'43	
	-2877 Nov 01 j 14:16	0°♏	
greatest brilliancy	-2877 Nov 06 j 00:20	6°♏53'26	-0.7m
evening max el	-2877 Nov 17 j 07:10	22°♏16'31	19°11'54
asc. node	-2877 Nov 23 j 16:28	26°♏16'24	
retrograde	-2877 Nov 24 j 08:01	26°♏18'46	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening set	-2877 Nov 27 j 13:22	25°♏18'26	
inferior conj	-2877 Dec 03 j 06:32	19°♏25'39	2°53'28
minimum elong	-2877 Dec 03 j 03:29	19°♏35'19	2°52'32
min. Earth dist.	-2877 Dec 04 j 15:40	17°♏40'37	0.65802 AU
morning rise	-2877 Dec 08 j 16:43	13°♏13'47	
direct	-2877 Dec 15 j 01:23	10°♏27'55	
morning max el	-2877 Dec 27 j 18:26	17°♏55'42	26°20'43
desc. node	-2876 Jan 04 j 09:07	26°♏37'48	
	-2876 Jan 06 j 23:25	0°♐	
	-2876 Jan 26 j 11:22	0°♑	
morning set	-2876 Feb 01 j 20:15	11°♑29'56	
max. Earth dist.	-2876 Feb 05 j 23:54	19°♑27'49	1.35168 AU
superior conj	-2876 Feb 10 j 17:23	28°♑57'16	-1°-22'-5
minimum elong	-2876 Feb 10 j 20:39	29°♑13'56	1°21'43
	-2876 Feb 11 j 05:38	0°♒	
evening rise	-2876 Feb 18 j 11:09	14°♒59'10	
asc. node	-2876 Feb 19 j 15:49	17°♒25'45	
	-2876 Feb 26 j 05:12	0°♓	
evening max el	-2876 Mar 08 j 05:55	15°♓13'36	20°39'57
retrograde	-2876 Mar 19 j 08:04	20°♓31'09	
evening set	-2876 Mar 21 j 15:05	20°♓18'29	
inferior conj	-2876 Mar 30 j 17:20	16°♓21'01	0°27'04
minimum elong	-2876 Mar 30 j 18:34	16°♓19'14	0°26'38
min. Earth dist.	-2876 Mar 31 j 23:23	15°♓37'36	0.55257 AU
desc. node	-2876 Apr 01 j 08:09	15°♓25'03	
morning rise	-2876 Apr 08 j 20:23	12°♓06'33	
direct	-2876 Apr 12 j 06:19	11°♓41'11	
morning max el	-2876 Apr 25 j 13:17	18°♓09'22	23°01'25
	-2876 May 05 j 03:48	0°♈	
asc. node	-2876 May 17 j 15:18	22°♈43'48	
morning set	-2876 May 18 j 06:58	24°♈05'21	
	-2876 May 21 j 02:02	0°♉	
superior conj	-2876 May 25 j 11:39	9°♉24'56	1°13'48
minimum elong	-2876 May 25 j 09:04	9°♉11'11	1°13'28
max. Earth dist.	-2876 May 28 j 00:51	14°♉48'18	1.33946 AU
evening rise	-2876 Jun 02 j 05:15	25°♉22'28	
	-2876 Jun 04 j 14:18	0°♊	
	-2876 Jun 22 j 12:32	0°♋	
desc. node	-2876 Jun 28 j 07:15	7°♋48'22	
evening max el	-2876 Jul 06 j 09:19	16°♋52'15	27°18'53
retrograde	-2876 Jul 19 j 21:15	24°♋14'57	
evening set	-2876 Jul 26 j 22:47	21°♋30'01	
min. Earth dist.	-2876 Jul 30 j 15:56	18°♋01'02	0.64432 AU
inferior conj	-2876 Aug 01 j 23:18	15°♋30'36	-3°-24'-7
minimum elong	-2876 Aug 02 j 03:21	15°♋19'35	3°23'00
morning rise	-2876 Aug 08 j 09:35	10°♋01'52	
direct	-2876 Aug 11 j 01:33	9°♋24'58	
asc. node	-2876 Aug 13 j 14:31	9°♋58'27	
morning max el	-2876 Aug 17 j 13:56	12°♋53'26	18°04'05
	-2876 Aug 29 j 10:22	0°♌	
morning set	-2876 Sep 04 j 05:41	9°♌48'29	
	-2876 Sep 16 j 09:11	0°♍	
superior conj	-2876 Sep 17 j 16:23	2°♍06'15	0°41'38
minimum elong	-2876 Sep 17 j 20:55	2°♍24'34	0°41'05
max. Earth dist.	-2876 Sep 22 j 07:32	9°♍31'15	1.44405 AU
desc. node	-2876 Sep 24 j 06:41	12°♍37'57	
evening rise	-2876 Oct 04 j 04:30	28°♍05'42	
	-2876 Oct 05 j 10:07	0°♎	
greatest brilliancy	-2876 Oct 23 j 12:49	27°♎04'59	-0.6m
	-2876 Oct 25 j 16:44	0°♏	
evening max el	-2876 Oct 30 j 12:25	5°♏43'35	20°06'16
retrograde	-2876 Nov 07 j 05:14	10°♏14'28	
asc. node	-2876 Nov 09 j 13:33	9°♏42'36	
evening set	-2876 Nov 10 j 19:07	8°♏59'56	

inferior conj	-2876 Nov 16 j 07:54	2°♏54'44	2°10'39
minimum elong	-2876 Nov 16 j 05:15	3°♏03'32	2°09'40
min. Earth dist.	-2876 Nov 17 j 04:14	1°♏46'53	0.66695 AU
	-2876 Nov 18 j 13:09	30°℞♎	
morning rise	-2876 Nov 21 j 14:47	26°♎39'13	
direct	-2876 Nov 27 j 09:12	24°♎08'02	
	-2876 Dec 07 j 23:42	0°♏	
morning max el	-2876 Dec 09 j 03:05	1°♏07'03	25°05'22
desc. node	-2876 Dec 21 j 06:09	15°♏49'19	
	-2876 Dec 30 j 23:58	0°♐	
morning set	-2875 Jan 14 j 06:51	23°♐42'43	
	-2875 Jan 17 j 17:48	0°♑	
max. Earth dist.	-2875 Jan 18 j 00:46	0°♑32'18	1.36898 AU
superior conj	-2875 Jan 24 j 06:43	12°♑30'09	-1°-41'-4
minimum elong	-2875 Jan 24 j 09:54	12°♑45'50	1°40'52
evening rise	-2875 Feb 01 j 14:24	29°♑11'32	
	-2875 Feb 02 j 00:04	0°♒	
asc. node	-2875 Feb 05 j 12:50	6°♒56'53	
evening max el	-2875 Feb 18 j 19:41	26°♒58'44	19°32'20
	-2875 Feb 22 j 20:12	0°♓	
retrograde	-2875 Feb 28 j 05:04	1°♓26'55	
evening set	-2875 Mar 02 j 11:43	1°♓12'21	
	-2875 Mar 05 j 23:08	30°℞♒	
inferior conj	-2875 Mar 10 j 22:31	27°♒07'07	2°10'53
minimum elong	-2875 Mar 11 j 03:09	26°♒59'39	2°09'30
min. Earth dist.	-2875 Mar 13 j 14:02	25°♒25'25	0.56223 AU
desc. node	-2875 Mar 19 j 05:14	22°♒32'04	
morning rise	-2875 Mar 19 j 14:59	22°♒23'35	
direct	-2875 Mar 24 j 03:31	21°♒37'23	
morning max el	-2875 Apr 07 j 04:33	28°♒43'47	24°40'48
	-2875 Apr 08 j 11:15	0°♓	
	-2875 Apr 28 j 07:33	0°♈	
morning set	-2875 May 02 j 19:09	9°♈06'45	
asc. node	-2875 May 04 j 12:21	12°♈45'09	
superior conj	-2875 May 09 j 20:41	24°♈19'29	0°53'23
minimum elong	-2875 May 09 j 18:33	24°♈07'58	0°53'02
max. Earth dist.	-2875 May 11 j 07:16	27°♈26'29	1.33115 AU
	-2875 May 12 j 11:52	0°♉	
evening rise	-2875 May 17 j 04:25	9°♉48'12	
	-2875 May 27 j 22:39	0°♊	
desc. node	-2875 Jun 15 j 04:16	26°♊02'26	
evening max el	-2875 Jun 18 j 18:43	29°♊46'22	27°23'17
	-2875 Jun 19 j 00:27	0°♋	
retrograde	-2875 Jul 02 j 13:44	7°♋08'09	
evening set	-2875 Jul 09 j 17:29	4°♋36'56	
min. Earth dist.	-2875 Jul 13 j 07:31	1°♋38'01	0.62769 AU
	-2875 Jul 15 j 00:08	30°℞♊	
inferior conj	-2875 Jul 16 j 04:13	28°♊51'05	-4°00'-58
minimum elong	-2875 Jul 16 j 07:48	28°♊42'20	4°00'18
morning rise	-2875 Jul 23 j 00:23	23°♊41'21	
direct	-2875 Jul 25 j 13:14	23°♊11'34	
asc. node	-2875 Jul 31 j 11:38	25°♊55'23	
morning max el	-2875 Aug 01 j 04:57	26°♊36'03	17°55'21
	-2875 Aug 04 j 03:42	0°♋	
morning set	-2875 Aug 17 j 14:18	22°♋07'31	
	-2875 Aug 22 j 01:09	0°♌	
superior conj	-2875 Aug 29 j 03:13	12°♌12'22	1°17'30
minimum elong	-2875 Aug 29 j 08:39	12°♌35'19	1°17'01
max. Earth dist.	-2875 Sep 04 j 22:00	23°♌25'26	1.43275 AU
	-2875 Sep 09 j 00:25	0°♍	
desc. node	-2875 Sep 11 j 03:40	3°♍22'19	
evening rise	-2875 Sep 13 j 09:24	6°♍52'15	
	-2875 Sep 28 j 18:19	0°♎	
greatest brilliancy	-2875 Oct 08 j 05:08	13°♎01'47	-0.4m

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening max el	-2875 Oct 13 j 11:52	19°♎10'37	21°13'38
retrograde	-2875 Oct 22 j 02:10	24°♎16'23	
evening set	-2875 Oct 26 j 02:51	22°♎45'07	
asc. node	-2875 Oct 27 j 10:39	21°♎35'01	
inferior conj	-2875 Oct 31 j 12:50	16°♎30'50	1°22'25
minimum elong	-2875 Oct 31 j 11:02	16°♎37'02	1°21'39
min. Earth dist.	-2875 Oct 31 j 21:46	16°♎00'12	0.67247 AU
morning rise	-2875 Nov 05 j 18:52	10°♎14'10	
direct	-2875 Nov 10 j 21:51	8°♎03'24	
morning max el	-2875 Nov 21 j 11:55	14°♎22'11	23°39'58
	-2875 Dec 04 j 04:49	0°♏	
desc. node	-2875 Dec 08 j 03:11	5°♏33'12	
	-2875 Dec 23 j 22:23	0°♐	
morning set	-2875 Dec 26 j 17:39	4°♐41'39	
max. Earth dist.	-2875 Dec 30 j 20:31	11°♐48'39	1.38927 AU
superior conj	-2874 Jan 07 j 06:49	25°♐19'45	-1°-53'-39
minimum elong	-2874 Jan 07 j 08:44	25°♐28'46	1°53'41
	-2874 Jan 09 j 17:58	0°♑	
evening rise	-2874 Jan 16 j 10:18	12°♑56'39	
asc. node	-2874 Jan 23 j 09:51	26°♑03'35	
	-2874 Jan 25 j 17:40	0°♒	
evening max el	-2874 Feb 01 j 19:10	9°♒18'16	18°44'07
retrograde	-2874 Feb 09 j 19:26	13°♒11'00	
evening set	-2874 Feb 12 j 05:14	12°♒51'18	
inferior conj	-2874 Feb 19 j 22:38	8°♒27'52	3°20'18
minimum elong	-2874 Feb 20 j 02:46	8°♒20'06	3°19'27
min. Earth dist.	-2874 Feb 23 j 06:22	5°♒59'58	0.57871 AU
morning rise	-2874 Feb 27 j 20:30	3°♒15'01	
direct	-2874 Mar 05 j 13:29	1°♒55'05	
desc. node	-2874 Mar 06 j 02:19	1°♒55'47	
morning max el	-2874 Mar 19 j 20:17	9°♒23'23	26°09'35
	-2874 Apr 04 j 10:56	0°♓	
morning set	-2874 Apr 17 j 06:42	24°♓06'27	
	-2874 Apr 20 j 01:09	0°♈	
asc. node	-2874 Apr 21 j 09:21	2°♈54'26	
superior conj	-2874 Apr 24 j 07:54	9°♈19'49	0°30'26
minimum elong	-2874 Apr 24 j 06:35	9°♈12'39	0°30'11
max. Earth dist.	-2874 Apr 24 j 19:04	10°♈20'57	1.32640 AU
evening rise	-2874 May 01 j 09:55	24°♈32'24	
	-2874 May 04 j 02:13	0°♉	
	-2874 May 21 j 18:33	0°♊	
evening max el	-2874 May 31 j 23:23	12°♊02'53	26°54'51
desc. node	-2874 Jun 02 j 01:20	13°♊03'01	
retrograde	-2874 Jun 14 j 22:54	19°♊22'07	
evening set	-2874 Jun 21 j 18:48	17°♊18'10	
min. Earth dist.	-2874 Jun 25 j 12:54	14°♊36'36	0.60822 AU
inferior conj	-2874 Jun 28 j 19:41	11°♊48'47	-4°-23'-18
minimum elong	-2874 Jun 28 j 21:21	11°♊45'10	4°23'08
morning rise	-2874 Jul 06 j 02:57	7°♊00'48	
direct	-2874 Jul 08 j 14:35	6°♊36'15	
morning max el	-2874 Jul 15 j 17:44	10°♊06'23	18°05'35
asc. node	-2874 Jul 18 j 08:43	13°♊01'52	
	-2874 Jul 28 j 19:43	0°♋	
morning set	-2874 Jul 31 j 16:13	5°♋16'46	
superior conj	-2874 Aug 10 j 17:15	23°♋39'31	1°39'10
minimum elong	-2874 Aug 10 j 20:41	23°♋54'47	1°39'02
	-2874 Aug 14 j 08:06	0°♌	
max. Earth dist.	-2874 Aug 18 j 07:12	6°♌44'32	1.41633 AU
evening rise	-2874 Aug 24 j 01:13	16°♌10'27	
desc. node	-2874 Aug 29 j 00:39	24°♌01'54	
	-2874 Sep 01 j 22:05	0°♍	
greatest brilliancy	-2874 Sep 21 j 11:02	27°♍16'13	-0.3m
	-2874 Sep 23 j 18:49	0°♎	
evening max el	-2874 Sep 26 j 05:16	2°♎36'54	22°30'15
retrograde	-2874 Oct 05 j 21:11	8°♎21'20	
evening set	-2874 Oct 10 j 10:40	6°♎31'20	
asc. node	-2874 Oct 14 j 07:45	2°♎13'11	
inferior conj	-2874 Oct 15 j 19:25	0°♎11'25	0°30'35
minimum elong	-2874 Oct 15 j 18:42	0°♎13'52	0°30'17
min. Earth dist.	-2874 Oct 15 j 17:49	0°♎16'55	0.67481 AU
	-2874 Oct 15 j 22:43	30°℞♍	
morning rise	-2874 Oct 21 j 02:38	23°♍56'19	
direct	-2874 Oct 25 j 14:35	22°♍07'43	
morning max el	-2874 Nov 03 j 23:56	27°♍41'58	22°13'49
	-2874 Nov 06 j 03:27	0°♎	
greatest brilliancy	-2874 Nov 08 j 16:59	3°♎01'07	-0.4m
desc. node	-2874 Nov 25 j 00:12	25°♎39'40	
	-2874 Nov 27 j 21:11	0°♏	
morning set	-2874 Dec 06 j 23:49	14°♏16'33	
max. Earth dist.	-2874 Dec 12 j 18:41	23°♏48'10	1.40994 AU
	-2874 Dec 16 j 09:58	0°♐	
superior conj	-2874 Dec 20 j 12:36	7°♐12'37	-1°-56'-30
minimum elong	-2874 Dec 20 j 11:39	7°♐08'22	1°56'36
evening rise	-2874 Dec 30 j 19:43	26°♐06'56	
	-2873 Jan 01 j 21:44	0°♑	
asc. node	-2873 Jan 10 j 06:53	14°♑37'52	
evening max el	-2873 Jan 16 j 01:53	22°♑05'19	18°16'07
retrograde	-2873 Jan 23 j 04:22	25°♑38'24	
evening set	-2873 Jan 25 j 17:20	25°♑12'06	
inferior conj	-2873 Feb 01 j 19:21	20°♑27'10	3°53'45
minimum elong	-2873 Feb 01 j 20:59	20°♑23'37	3°53'32
min. Earth dist.	-2873 Feb 05 j 03:29	17°♑34'03	0.59856 AU
morning rise	-2873 Feb 08 j 21:30	14°♑51'57	
direct	-2873 Feb 15 j 11:37	12°♑53'24	
desc. node	-2873 Feb 20 j 23:24	14°♑10'05	
morning max el	-2873 Mar 01 j 17:21	20°♑33'47	27°13'12
	-2873 Mar 09 j 21:11	0°♒	
	-2873 Mar 28 j 04:51	0°♓	
morning set	-2873 Apr 01 j 15:56	8°♓58'28	
asc. node	-2873 Apr 08 j 06:20	23°♓07'32	
superior conj	-2873 Apr 08 j 19:37	24°♓20'14	0°05'50
minimum elong	-2873 Apr 08 j 19:21	24°♓18'48	0°05'46
behind sun begin	-2873 Apr 08 j 14:40	23°♓53'07	
behind sun end	-2873 Apr 09 j 00:03	24°♓44'29	
max. Earth dist.	-2873 Apr 08 j 08:27	23°♓19'05	1.32506 AU
	-2873 Apr 11 j 09:43	0°♈	
evening rise	-2873 Apr 15 j 19:23	9°♈27'07	
	-2873 Apr 26 j 11:58	0°♉	
evening max el	-2873 May 13 j 21:32	23°♉35'51	25°55'00
desc. node	-2873 May 19 j 22:22	28°♉20'20	
	-2873 May 23 j 08:41	0°♊	
retrograde	-2873 May 27 j 23:26	0°♊50'59	
	-2873 Jun 01 j 13:01	30°℞♉	
evening set	-2873 Jun 02 j 22:57	29°♉24'17	
min. Earth dist.	-2873 Jun 07 j 10:00	26°♉42'28	0.58773 AU
inferior conj	-2873 Jun 10 j 18:05	24°♉14'31	-4°-22'-31
minimum elong	-2873 Jun 10 j 16:20	24°♉17'47	4°22'21
morning rise	-2873 Jun 18 j 13:33	19°♉49'07	
direct	-2873 Jun 21 j 01:08	19°♉28'41	
morning max el	-2873 Jun 29 j 01:23	23°♉16'26	18°35'40
	-2873 Jul 04 j 13:01	0°♊	
asc. node	-2873 Jul 05 j 05:46	1°♊03'11	
morning set	-2873 Jul 15 j 06:45	19°♊04'12	
	-2873 Jul 20 j 22:34	0°♋	
superior conj	-2873 Jul 24 j 05:46	6°♋14'45	1°48'07
minimum elong	-2873 Jul 24 j 06:39	6°♋18'54	1°48'12
max. Earth dist.	-2873 Jul 31 j 10:42	19°♋18'10	1.39706 AU
evening rise	-2873 Aug 04 j 16:49	26°♋36'43	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2873 Aug 06 j 17:34	0°♌	
desc. node	-2873 Aug 15 j 21:38	14°♌32'52	
	-2873 Aug 26 j 13:27	0°♍	
evening max el	-2873 Sep 08 j 18:08	16°♍04'48	23°50'49
retrograde	-2873 Sep 19 j 13:07	22°♍26'38	
evening set	-2873 Sep 24 j 16:55	20°♍17'23	
min. Earth dist.	-2873 Sep 29 j 14:05	14°♍35'49	0.67409 AU
inferior conj	-2873 Sep 30 j 01:54	13°♍55'33	0°-23'-7
minimum elong	-2873 Sep 30 j 02:27	13°♍53'41	0°22'52
asc. node	-2873 Oct 01 j 04:50	12°♍24'44	
morning rise	-2873 Oct 05 j 12:10	7°♍44'47	
direct	-2873 Oct 09 j 10:33	6°♍17'16	
morning max el	-2873 Oct 17 j 18:03	11°♍09'40	20°54'23
greatest brilliancy	-2873 Oct 23 j 12:54	17°♍57'56	-0.5m
	-2873 Nov 01 j 04:24	0°♎	
desc. node	-2873 Nov 11 j 21:11	16°♎02'17	
morning set	-2873 Nov 16 j 04:49	22°♎43'01	
	-2873 Nov 20 j 19:46	0°♏	
max. Earth dist.	-2873 Nov 24 j 23:23	6°♏40'20	1.42817 AU
superior conj	-2873 Dec 01 j 18:27	17°♏55'15	-1°-45'-36
minimum elong	-2873 Dec 01 j 13:29	17°♏34'15	1°45'22
	-2873 Dec 08 j 18:46	0°♐	
evening rise	-2873 Dec 13 j 14:48	8°♐33'52	
	-2873 Dec 26 j 07:38	0°♑	
asc. node	-2873 Dec 28 j 03:55	2°♑29'18	
evening max el	-2873 Dec 30 j 12:58	5°♑11'20	18°07'56
retrograde	-2872 Jan 06 j 04:11	8°♑38'32	
evening set	-2872 Jan 08 j 20:20	8°♑04'37	
inferior conj	-2872 Jan 15 j 09:56	2°♑58'12	3°58'48
minimum elong	-2872 Jan 15 j 09:07	3°♑00'14	3°58'40
	-2872 Jan 18 j 09:56	30°℞♐	
min. Earth dist.	-2872 Jan 18 j 08:21	0°♑03'45	0.61866 AU
morning rise	-2872 Jan 21 j 19:37	27°♐07'54	
direct	-2872 Jan 28 j 19:51	24°♐37'31	
desc. node	-2872 Feb 07 j 20:28	28°♐51'37	
	-2872 Feb 09 j 06:01	0°♑	
morning max el	-2872 Feb 11 j 20:32	2°♑23'49	27°42'26
	-2872 Mar 03 j 04:35	0°♒	
morning set	-2872 Mar 15 j 20:47	23°♒34'19	
	-2872 Mar 18 j 23:02	0°♓	
max. Earth dist.	-2872 Mar 21 j 19:25	6°♓05'34	1.32726 AU
superior conj	-2872 Mar 23 j 06:09	9°♓13'45	0°-19'-39
minimum elong	-2872 Mar 23 j 07:03	9°♓18'38	0°19'31
asc. node	-2872 Mar 25 j 03:19	13°♓19'35	
evening rise	-2872 Mar 30 j 06:46	24°♓24'06	
	-2872 Apr 01 j 23:39	0°♈	
	-2872 Apr 20 j 09:10	0°♉	
evening max el	-2872 Apr 24 j 14:15	4°♉31'44	24°31'32
desc. node	-2872 May 05 j 19:26	11°♉17'10	
retrograde	-2872 May 08 j 13:06	11°♉34'26	
evening set	-2872 May 13 j 05:32	10°♉44'54	
min. Earth dist.	-2872 May 19 j 02:09	7°♉46'42	0.56916 AU
inferior conj	-2872 May 21 j 20:40	5°♉59'39	-3°-47'-41
minimum elong	-2872 May 21 j 15:17	6°♉08'23	3°46'39
morning rise	-2872 May 30 j 05:06	1°♉53'24	
direct	-2872 Jun 01 j 17:12	1°♉36'04	
morning max el	-2872 Jun 11 j 01:00	5°♉56'03	19°26'15
asc. node	-2872 Jun 21 j 02:47	19°♉46'07	
	-2872 Jun 26 j 13:52	0°♊	
morning set	-2872 Jun 28 j 06:16	3°♊20'08	
superior conj	-2872 Jul 06 j 10:57	19°♊41'14	1°47'03
minimum elong	-2872 Jul 06 j 09:52	19°♊35'54	1°47'05
	-2872 Jul 11 j 20:23	0°♋	
max. Earth dist.	-2872 Jul 12 j 12:38	1°♋15'21	1.37755 AU
evening rise	-2872 Jul 16 j 09:58	8°♋17'45	
	-2872 Jul 29 j 13:37	0°♌	
desc. node	-2872 Aug 01 j 18:39	4°♌50'14	
evening max el	-2872 Aug 21 j 05:12	29°♌36'37	25°08'28
	-2872 Aug 21 j 14:47	0°♍	
retrograde	-2872 Sep 02 j 00:59	6°♍28'21	
evening set	-2872 Sep 07 j 19:47	4°♍01'18	
	-2872 Sep 11 j 12:04	30°℞♌	
min. Earth dist.	-2872 Sep 12 j 08:06	28°♌55'22	0.67024 AU
inferior conj	-2872 Sep 13 j 06:37	27°♌41'23	-1°-17'-7
minimum elong	-2872 Sep 13 j 08:28	27°♌35'20	1°16'19
asc. node	-2872 Sep 17 j 01:55	23°♌08'50	
morning rise	-2872 Sep 18 j 21:37	21°♌38'06	
direct	-2872 Sep 22 j 08:32	20°♌28'57	
morning max el	-2872 Sep 29 j 19:31	24°♌46'34	19°46'47
	-2872 Oct 04 j 06:20	0°♍	
greatest brilliancy	-2872 Oct 07 j 20:14	4°♍52'19	-0.6m
	-2872 Oct 24 j 12:10	0°♎	
morning set	-2872 Oct 25 j 03:05	0°♎57'46	
desc. node	-2872 Oct 28 j 18:11	6°♎36'19	
max. Earth dist.	-2872 Nov 06 j 11:17	20°♎18'50	1.44151 AU
superior conj	-2872 Nov 10 j 21:03	27°♎22'18	-1°-17'-45
minimum elong	-2872 Nov 10 j 13:39	26°♎52'29	1°17'01
	-2872 Nov 12 j 12:02	0°♏	
evening rise	-2872 Nov 24 j 15:09	20°♏09'08	
	-2872 Nov 30 j 10:39	0°♐	
evening max el	-2872 Dec 13 j 01:39	18°♐29'40	18°18'46
asc. node	-2872 Dec 14 j 00:59	19°♐25'31	
retrograde	-2872 Dec 19 j 14:31	22°♐02'35	
evening set	-2872 Dec 22 j 10:40	21°♐19'42	
inferior conj	-2872 Dec 28 j 14:34	15°♐53'16	3°43'42
minimum elong	-2872 Dec 28 j 12:11	15°♐59'55	3°43'16
min. Earth dist.	-2872 Dec 30 j 22:42	13°♐17'23	0.63670 AU
morning rise	-2871 Jan 03 j 12:08	9°♐52'34	
direct	-2871 Jan 10 j 12:01	7°♐04'44	
morning max el	-2871 Jan 24 j 04:10	14°♐50'33	27°35'16
desc. node	-2871 Jan 24 j 17:31	15°♐24'05	
	-2871 Feb 05 j 14:13	0°♑	
	-2871 Feb 23 j 18:36	0°♒	
morning set	-2871 Feb 27 j 18:47	7°♒45'36	
max. Earth dist.	-2871 Mar 05 j 00:09	18°♒27'27	1.33337 AU
superior conj	-2871 Mar 07 j 13:46	23°♒54'19	0°-45'-4
minimum elong	-2871 Mar 07 j 15:48	24°♒05'10	0°44'45
	-2871 Mar 10 j 09:53	0°♓	
asc. node	-2871 Mar 12 j 00:20	3°♓26'30	
evening rise	-2871 Mar 14 j 18:19	9°♓17'01	
	-2871 Mar 25 j 15:52	0°♈	
evening max el	-2871 Apr 06 j 06:19	15°♈12'33	22°57'25
retrograde	-2871 Apr 19 j 13:40	21°♈46'01	
evening set	-2871 Apr 22 j 22:20	21°♈21'20	
desc. node	-2871 Apr 22 j 16:31	21°♈24'42	
min. Earth dist.	-2871 Apr 30 j 16:15	17°♈55'16	0.55603 AU
inferior conj	-2871 May 02 j 04:12	17°♈03'12	-2°-31'-9
minimum elong	-2871 May 01 j 22:13	17°♈11'53	2°29'23
morning rise	-2871 May 11 j 00:51	13°♈06'48	
direct	-2871 May 13 j 15:29	12°♈50'35	
morning max el	-2871 May 24 j 14:16	17°♈56'30	20°37'02
	-2871 Jun 02 j 22:09	0°♉	
asc. node	-2871 Jun 07 j 23:49	9°♉00'40	
morning set	-2871 Jun 12 j 11:58	17°♉57'12	
	-2871 Jun 18 j 08:06	0°♊	
superior conj	-2871 Jun 20 j 04:04	3°♊45'11	1°38'22
minimum elong	-2871 Jun 20 j 01:50	3°♊33'48	1°38'15
max. Earth dist.	-2871 Jun 24 j 19:44	13°♊02'46	1.36008 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening rise	-2871 Jun 29 j 00:28	21°♊02'52	
	-2871 Jul 03 j 23:36	0°♋	
desc. node	-2871 Jul 19 j 15:41	24°♋47'13	
	-2871 Jul 23 j 10:39	0°♌	
evening max el	-2871 Aug 03 j 16:25	13°♌09'49	26°15'08
retrograde	-2871 Aug 16 j 07:58	20°♌20'33	
evening set	-2871 Aug 22 j 17:13	17°♌39'55	
min. Earth dist.	-2871 Aug 26 j 21:21	13°♌11'58	0.66308 AU
inferior conj	-2871 Aug 28 j 07:40	11°♌25'35	-2°-9'-40
minimum elong	-2871 Aug 28 j 10:41	11°♌16'13	2°08'29
morning rise	-2871 Sep 03 j 05:00	5°♌33'08	
asc. node	-2871 Sep 03 j 23:01	5°♌09'58	
direct	-2871 Sep 06 j 06:45	4°♌39'02	
morning max el	-2871 Sep 13 j 03:37	8°♌30'30	18°53'54
	-2871 Sep 28 j 08:42	0°♍	
morning set	-2871 Oct 04 j 17:47	10°♍05'35	
desc. node	-2871 Oct 15 j 15:11	27°♍17'17	
	-2871 Oct 17 j 08:32	0°♎	
max. Earth dist.	-2871 Oct 20 j 04:18	4°♎26'50	1.44827 AU
superior conj	-2871 Oct 21 j 01:32	5°♎50'30	0°-34'-18
minimum elong	-2871 Oct 20 j 21:06	5°♎33'03	0°33'44
	-2871 Nov 05 j 05:26	0°♏	
evening rise	-2871 Nov 05 j 16:25	0°♏44'19	
	-2871 Nov 24 j 20:13	0°♐	
evening max el	-2871 Nov 26 j 13:12	1°♐54'04	18°47'38
asc. node	-2871 Nov 30 j 22:05	5°♐11'18	
retrograde	-2871 Dec 03 j 07:32	5°♐42'48	
evening set	-2871 Dec 06 j 09:04	4°♐49'17	
	-2871 Dec 11 j 11:25	30°℞♏	
inferior conj	-2871 Dec 12 j 05:33	29°♏05'08	3°14'43
minimum elong	-2871 Dec 12 j 02:32	29°♏14'21	3°13'55
min. Earth dist.	-2871 Dec 13 j 22:42	27°♏00'03	0.65136 AU
morning rise	-2871 Dec 17 j 18:57	22°♏56'51	
direct	-2871 Dec 24 j 10:41	20°♏06'49	
morning max el	-2870 Jan 06 j 13:41	27°♏43'41	26°55'32
	-2870 Jan 08 j 17:57	0°♐	
desc. node	-2870 Jan 11 j 14:35	3°♐15'28	
	-2870 Jan 30 j 06:50	0°♑	
morning set	-2870 Feb 11 j 06:41	21°♑21'44	
	-2870 Feb 15 j 15:59	0°♒	
max. Earth dist.	-2870 Feb 15 j 19:06	0°♒15'46	1.34376 AU
superior conj	-2870 Feb 19 j 16:25	8°♒15'04	-1°-9'-17
minimum elong	-2870 Feb 19 j 19:22	8°♒30'23	1°08'53
asc. node	-2870 Feb 26 j 21:23	23°♒23'54	
evening rise	-2870 Feb 27 j 04:15	23°♒59'35	
	-2870 Mar 02 j 02:53	0°♓	
evening max el	-2870 Mar 19 j 03:55	26°♓05'22	21°26'32
	-2870 Mar 24 j 08:00	0°♈	
retrograde	-2870 Mar 31 j 04:18	1°♈53'01	
evening set	-2870 Apr 02 j 16:39	1°♈38'38	
	-2870 Apr 07 j 13:06	30°℞♓	
desc. node	-2870 Apr 09 j 13:35	28°♓59'09	
inferior conj	-2870 Apr 12 j 00:07	27°♓38'22	0°-40'-56
minimum elong	-2870 Apr 11 j 22:12	27°♓41'04	0°40'16
min. Earth dist.	-2870 Apr 12 j 05:52	27°♓30'18	0.55113 AU
morning rise	-2870 Apr 21 j 03:53	23°♓36'15	
direct	-2870 Apr 24 j 03:39	23°♓16'41	
morning max el	-2870 May 06 j 16:42	29°♓15'18	22°05'23
	-2870 May 07 j 11:16	0°♈	
asc. node	-2870 May 25 j 20:52	28°♈39'00	
	-2870 May 26 j 12:48	0°♉	
morning set	-2870 May 27 j 21:41	2°♉49'23	
superior conj	-2870 Jun 04 j 05:30	18°♉16'20	1°24'02
minimum elong	-2870 Jun 04 j 02:53	18°♉02'31	1°23'46
max. Earth dist.	-2870 Jun 07 j 12:10	25°♉04'40	1.34591 AU
	-2870 Jun 09 j 22:36	0°♊	
evening rise	-2870 Jun 12 j 07:06	4°♊37'53	
	-2870 Jun 26 j 17:47	0°♋	
desc. node	-2870 Jul 06 j 12:43	14°♋15'12	
evening max el	-2870 Jul 17 j 04:02	26°♋37'04	27°02'48
	-2870 Jul 21 j 01:25	0°♌	
retrograde	-2870 Jul 30 j 09:40	3°♌57'09	
evening set	-2870 Aug 06 j 06:49	1°♌10'32	
	-2870 Aug 07 j 14:48	30°℞♋	
min. Earth dist.	-2870 Aug 10 j 03:29	27°♋21'03	0.65230 AU
inferior conj	-2870 Aug 12 j 02:57	25°♋05'01	-2°-58'-37
minimum elong	-2870 Aug 12 j 06:49	24°♋53'57	2°57'22
morning rise	-2870 Aug 18 j 08:07	19°♋26'50	
direct	-2870 Aug 21 j 03:04	18°♋44'29	
asc. node	-2870 Aug 21 j 20:06	18°♋47'14	
morning max el	-2870 Aug 27 j 16:29	22°♋18'35	18°17'21
	-2870 Sep 02 j 17:06	0°♌	
morning set	-2870 Sep 15 j 11:49	20°♌34'02	
	-2870 Sep 21 j 05:56	0°♍	
superior conj	-2870 Sep 30 j 02:44	14°♍14'33	0°15'21
minimum elong	-2870 Sep 30 j 04:39	14°♍22'13	0°15'06
behind sun begin	-2870 Sep 30 j 00:28	14°♍05'36	
behind sun end	-2870 Sep 30 j 08:50	14°♍38'50	
desc. node	-2870 Oct 02 j 12:12	18°♍02'10	
max. Earth dist.	-2870 Oct 02 j 23:00	18°♍44'46	1.44769 AU
	-2870 Oct 10 j 02:57	0°♎	
evening rise	-2870 Oct 16 j 17:24	10°♎18'48	
	-2870 Oct 29 j 11:03	0°♏	
greatest brilliancy	-2870 Nov 01 j 06:16	4°♏09'54	-0.7m
evening max el	-2870 Nov 09 j 21:16	15°♏20'47	19°33'10
retrograde	-2870 Nov 17 j 04:02	19°♏34'13	
asc. node	-2870 Nov 17 j 19:10	19°♏31'56	
evening set	-2870 Nov 20 j 12:49	18°♏27'57	
inferior conj	-2870 Nov 26 j 03:53	12°♏29'15	2°36'06
minimum elong	-2870 Nov 26 j 00:57	12°♏38'47	2°35'07
min. Earth dist.	-2870 Nov 27 j 07:17	11°♏00'14	0.66229 AU
morning rise	-2870 Dec 01 j 12:21	6°♏15'37	
direct	-2870 Dec 07 j 15:08	3°♏35'23	
morning max el	-2870 Dec 19 j 23:05	10°♏52'02	25°50'34
desc. node	-2870 Dec 29 j 11:39	22°♏02'49	
	-2869 Jan 04 j 06:19	0°♐	
	-2869 Jan 22 j 21:05	0°♑	
morning set	-2869 Jan 25 j 04:09	4°♑09'47	
max. Earth dist.	-2869 Jan 29 j 02:31	11°♑32'55	1.35861 AU
superior conj	-2869 Feb 03 j 11:32	22°♑08'08	-1°-30'-45
minimum elong	-2869 Feb 03 j 14:53	22°♑24'59	1°30'26
	-2869 Feb 07 j 08:08	0°♒	
evening rise	-2869 Feb 11 j 10:36	8°♒25'16	
asc. node	-2869 Feb 13 j 18:25	13°♒06'33	
	-2869 Feb 23 j 07:46	0°♓	
evening max el	-2869 Mar 01 j 11:20	7°♓29'07	20°08'48
retrograde	-2869 Mar 11 j 19:48	12°♓25'00	
evening set	-2869 Mar 14 j 01:47	12°♓12'03	
inferior conj	-2869 Mar 22 j 22:03	8°♓12'35	1°14'32
minimum elong	-2869 Mar 23 j 01:12	8°♓07'51	1°13'28
min. Earth dist.	-2869 Mar 24 j 19:56	7°♓03'50	0.55564 AU
desc. node	-2869 Mar 27 j 10:40	5°♓35'58	
morning rise	-2869 Mar 31 j 22:00	3°♓46'49	
direct	-2869 Apr 04 j 18:05	3°♓14'35	
morning max el	-2869 Apr 18 j 10:46	10°♓00'40	23°44'09
	-2869 May 03 j 04:26	0°♈	
morning set	-2869 May 12 j 09:28	17°♈49'23	
asc. node	-2869 May 12 j 17:54	18°♈33'39	
	-2869 May 18 j 02:06	0°♉	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2869 May 19 j 12:25	3°♉04'44	1°05'31
minimum elong	-2869 May 19 j 09:59	2°♉51'38	1°05'09
max. Earth dist.	-2869 May 21 j 14:01	7°♉29'41	1.33544 AU
evening rise	-2869 May 27 j 01:16	18°♉48'18	
	-2869 Jun 01 j 20:55	0°♊	
	-2869 Jun 20 j 23:42	0°♋	
desc. node	-2869 Jun 23 j 09:45	3°♋01'01	
evening max el	-2869 Jun 29 j 14:37	9°♋45'57	27°24'31
retrograde	-2869 Jul 13 j 05:47	17°♋08'51	
evening set	-2869 Jul 20 j 09:28	14°♋27'40	
min. Earth dist.	-2869 Jul 24 j 00:34	11°♋13'00	0.63770 AU
inferior conj	-2869 Jul 26 j 13:55	8°♋33'49	-3°-41'-6
minimum elong	-2869 Jul 26 j 17:55	8°♋23'24	3°40'08
morning rise	-2869 Aug 02 j 04:17	3°♋13'07	
direct	-2869 Aug 04 j 18:41	2°♋39'33	
asc. node	-2869 Aug 08 j 17:11	3°♋56'36	
morning max el	-2869 Aug 11 j 07:33	6°♋05'01	17°58'10
	-2869 Aug 27 j 00:15	0°♌	
morning set	-2869 Aug 28 j 07:46	2°♌16'21	
superior conj	-2869 Sep 09 j 22:02	23°♌34'29	0°58'33
minimum elong	-2869 Sep 10 j 03:28	23°♌56'50	0°57'57
	-2869 Sep 13 j 20:49	0°♍	
max. Earth dist.	-2869 Sep 15 j 15:32	2°♍51'28	1.43995 AU
desc. node	-2869 Sep 19 j 09:12	8°♍47'28	
evening rise	-2869 Sep 26 j 00:47	19°♍09'44	
	-2869 Oct 03 j 02:52	0°♎	
greatest brilliancy	-2869 Oct 17 j 20:37	21°♎23'59	-0.5m
evening max el	-2869 Oct 24 j 00:02	28°♎47'27	20°33'29
	-2869 Oct 25 j 05:38	0°♏	
retrograde	-2869 Nov 01 j 01:29	3°♏33'01	
evening set	-2869 Nov 04 j 19:39	2°♏11'39	
asc. node	-2869 Nov 04 j 16:14	2°♏17'45	
	-2869 Nov 07 j 04:07	30°℞♎	
inferior conj	-2869 Nov 10 j 07:01	26°♎01'53	1°50'46
minimum elong	-2869 Nov 10 j 04:42	26°♎09'46	1°49'50
min. Earth dist.	-2869 Nov 10 j 22:19	25°♎10'04	0.66962 AU
morning rise	-2869 Nov 15 j 13:15	19°♎45'24	
direct	-2869 Nov 21 j 01:01	17°♎22'38	
morning max el	-2869 Dec 02 j 07:47	24°♎06'17	24°29'47
	-2869 Dec 07 j 14:36	0°♏	
desc. node	-2869 Dec 16 j 08:42	11°♏29'40	
	-2869 Dec 28 j 16:49	0°♐	
morning set	-2868 Jan 07 j 05:31	15°♐54'08	
max. Earth dist.	-2868 Jan 11 j 00:25	22°♐38'53	1.37731 AU
	-2868 Jan 14 j 23:48	0°♑	
superior conj	-2868 Jan 17 j 19:48	5°♑24'27	-1°-47'-22
minimum elong	-2868 Jan 17 j 22:38	5°♑38'07	1°47'16
evening rise	-2868 Jan 26 j 11:07	22°♑27'38	
	-2868 Jan 30 j 07:50	0°♒	
asc. node	-2868 Jan 31 j 15:27	2°♒28'49	
evening max el	-2868 Feb 12 j 05:29	19°♒30'09	19°09'22
retrograde	-2868 Feb 20 j 23:49	23°♒41'39	
evening set	-2868 Feb 23 j 07:26	23°♒25'20	
inferior conj	-2868 Mar 02 j 10:47	19°♒13'14	2°44'57
minimum elong	-2868 Mar 02 j 15:37	19°♒04'57	2°43'41
min. Earth dist.	-2868 Mar 05 j 11:22	17°♒09'39	0.56854 AU
morning rise	-2868 Mar 10 j 19:51	14°♒16'12	
desc. node	-2868 Mar 13 j 07:45	13°♒32'14	
direct	-2868 Mar 15 j 20:38	13°♒16'59	
morning max el	-2868 Mar 30 j 01:45	20°♒35'13	25°20'45
	-2868 Apr 07 j 03:39	0°♓	
	-2868 Apr 24 j 12:42	0°♈	
morning set	-2868 Apr 25 j 21:35	2°♈51'08	
asc. node	-2868 Apr 28 j 14:55	8°♈39'15	

superior conj	-2868 May 02 j 22:37	18°♈03'02	0°43'55
minimum elong	-2868 May 02 j 20:48	17°♈53'09	0°43'36
max. Earth dist.	-2868 May 03 j 22:58	20°♈15'28	1.32868 AU
	-2868 May 08 j 12:16	0°♉	
evening rise	-2868 May 10 j 03:26	3°♉23'09	
	-2868 May 24 j 16:09	0°♊	
desc. node	-2868 Jun 09 j 06:45	20°♊46'55	
evening max el	-2868 Jun 10 j 22:05	22°♊24'35	27°15'09
retrograde	-2868 Jun 24 j 19:33	29°♊46'17	
evening set	-2868 Jul 01 j 21:18	27°♊24'51	
min. Earth dist.	-2868 Jul 05 j 11:45	24°♊35'15	0.61966 AU
inferior conj	-2868 Jul 08 j 13:29	21°♊45'21	-4°-12'-41
minimum elong	-2868 Jul 08 j 16:28	21°♊38'27	4°12'14
morning rise	-2868 Jul 15 j 14:17	16°♊44'49	
direct	-2868 Jul 18 j 02:17	16°♊17'38	
morning max el	-2868 Jul 24 j 21:59	19°♊43'25	17°57'19
asc. node	-2868 Jul 25 j 14:15	20°♊24'49	
	-2868 Aug 01 j 12:09	0°♋	
morning set	-2868 Aug 10 j 00:19	14°♋57'51	
	-2868 Aug 18 j 09:52	0°♌	
superior conj	-2868 Aug 20 j 20:43	4°♌15'44	1°28'24
minimum elong	-2868 Aug 21 j 01:30	4°♌36'20	1°28'03
max. Earth dist.	-2868 Aug 28 j 03:13	16°♌29'38	1.42622 AU
evening rise	-2868 Sep 04 j 07:54	28°♌02'48	
desc. node	-2868 Sep 05 j 06:09	29°♌30'01	
	-2868 Sep 05 j 13:50	0°♍	
	-2868 Sep 25 j 21:39	0°♎	
greatest brilliancy	-2868 Sep 30 j 23:31	6°♎38'57	-0.4m
evening max el	-2868 Oct 05 j 20:42	12°♎13'26	21°45'28
retrograde	-2868 Oct 14 j 21:48	17°♎36'00	
evening set	-2868 Oct 19 j 03:35	15°♎57'09	
asc. node	-2868 Oct 21 j 13:19	13°♎34'11	
inferior conj	-2868 Oct 24 j 12:52	9°♎40'02	1°00'45
minimum elong	-2868 Oct 24 j 11:29	9°♎44'45	1°00'10
min. Earth dist.	-2868 Oct 24 j 17:18	9°♎24'41	0.67376 AU
morning rise	-2868 Oct 29 j 19:07	3°♎23'25	
direct	-2868 Nov 03 j 15:34	1°♎21'54	
morning max el	-2868 Nov 13 j 17:26	7°♎22'29	23°02'54
greatest brilliancy	-2868 Nov 18 j 15:43	12°♎54'43	-0.3m
	-2868 Dec 01 j 06:43	0°♏	
desc. node	-2868 Dec 02 j 05:41	1°♏23'55	
morning set	-2868 Dec 18 j 04:25	26°♏17'36	
	-2868 Dec 20 j 09:34	0°♐	
max. Earth dist.	-2868 Dec 22 j 19:43	4°♐08'00	1.39810 AU
superior conj	-2868 Dec 30 j 12:45	17°♐51'27	-1°-56'-18
minimum elong	-2868 Dec 30 j 13:39	17°♐55'37	1°56'23
	-2867 Jan 06 j 00:00	0°♑	
evening rise	-2867 Jan 09 j 02:56	5°♑58'29	
asc. node	-2867 Jan 17 j 12:29	21°♑22'56	
	-2867 Jan 23 j 10:48	0°♒	
evening max el	-2867 Jan 25 j 08:27	2°♒02'47	18°29'51
retrograde	-2867 Feb 01 j 22:01	5°♒44'59	
evening set	-2867 Feb 04 j 09:14	5°♒22'39	
inferior conj	-2867 Feb 11 j 19:47	0°♒50'37	3°38'27
minimum elong	-2867 Feb 11 j 22:57	0°♒44'17	3°37'56
	-2867 Feb 12 j 21:01	30°℞♑	
min. Earth dist.	-2867 Feb 15 j 05:33	28°♑08'49	0.58695 AU
morning rise	-2867 Feb 19 j 09:04	25°♑27'17	
direct	-2867 Feb 25 j 12:30	23°♑50'26	
desc. node	-2867 Feb 28 j 04:50	24°♑08'33	
	-2867 Mar 10 j 06:43	0°♒	
morning max el	-2867 Mar 11 j 19:14	1°♒25'11	26°40'15
	-2867 Apr 01 j 04:43	0°♓	
morning set	-2867 Apr 10 j 08:21	17°♓48'05	
asc. node	-2867 Apr 15 j 11:56	28°♓50'37	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2867 Apr 16 j 00:37	0°♈	
superior conj	-2867 Apr 17 j 10:16	3°♈04'11	0°20'10
minimum elong	-2867 Apr 17 j 09:23	2°♈59'19	0°19'59
max. Earth dist.	-2867 Apr 17 j 11:44	3°♈12'13	1.32542 AU
evening rise	-2867 Apr 24 j 10:54	18°♈12'49	
	-2867 Apr 30 j 08:28	0°♉	
	-2867 May 19 j 20:29	0°♊	
evening max el	-2867 May 24 j 00:15	4°♊23'21	26°32'59
desc. node	-2867 May 27 j 03:48	7°♊07'53	
retrograde	-2867 Jun 07 j 01:29	11°♊41'14	
evening set	-2867 Jun 13 j 14:00	9°♊52'45	
min. Earth dist.	-2867 Jun 17 j 13:35	7°♊12'54	0.59945 AU
inferior conj	-2867 Jun 20 j 22:10	4°♊30'59	-4°-26'-29
minimum elong	-2867 Jun 20 j 22:32	4°♊30'13	4°26'24
morning rise	-2867 Jun 28 j 10:28	29°♉52'24	
	-2867 Jun 28 j 01:00	30°℞♉	
direct	-2867 Jun 30 j 21:53	29°♉29'46	
	-2867 Jul 03 j 16:50	0°♊	
morning max el	-2867 Jul 08 j 08:54	3°♊06'14	18°15'51
asc. node	-2867 Jul 12 j 11:19	7°♊56'24	
morning set	-2867 Jul 24 j 08:11	28°♊25'04	
	-2867 Jul 25 j 04:15	0°♋	
superior conj	-2867 Aug 02 j 21:02	16°♋13'51	1°44'22
minimum elong	-2867 Aug 02 j 23:22	16°♋24'25	1°44'21
max. Earth dist.	-2867 Aug 10 j 09:41	29°♋29'27	1.40834 AU
	-2867 Aug 10 j 16:52	0°♌	
evening rise	-2867 Aug 15 j 09:06	7°♌48'11	
desc. node	-2867 Aug 23 j 03:08	20°♌06'41	
	-2867 Aug 29 j 16:56	0°♍	
greatest brilliancy	-2867 Sep 13 j 04:01	19°♍41'52	-0.2m
evening max el	-2867 Sep 18 j 12:04	25°♍40'58	23°04'31
	-2867 Sep 23 j 16:04	0°♎	
retrograde	-2867 Sep 28 j 15:33	1°♎41'28	
evening set	-2867 Oct 03 j 10:56	29°♍43'30	
	-2867 Oct 03 j 02:42	30°℞♍	
asc. node	-2867 Oct 08 j 10:23	23°♍54'17	
inferior conj	-2867 Oct 08 j 19:37	23°♍22'32	0°07'56
minimum elong	-2867 Oct 08 j 19:26	23°♍23'11	0°07'52
transit middle	-2867 Oct 08 j 19:26	23°♍23'11	0°07'52
transit begin	-2867 Oct 08 j 17:03	23°♍31'20	
transit end	-2867 Oct 08 j 21:48	23°♍15'03	
min. Earth dist.	-2867 Oct 08 j 13:46	23°♍42'41	0.67489 AU
morning rise	-2867 Oct 14 j 03:54	17°♍08'51	
direct	-2867 Oct 18 j 09:58	15°♍29'12	
morning max el	-2867 Oct 27 j 07:35	20°♍44'44	21°38'48
greatest brilliancy	-2867 Nov 01 j 08:08	26°♍29'56	-0.4m
	-2867 Nov 04 j 01:18	0°♎	
desc. node	-2867 Nov 19 j 02:42	21°♎38'02	
	-2867 Nov 24 j 13:30	0°♏	
morning set	-2867 Nov 27 j 22:31	5°♏18'22	
max. Earth dist.	-2867 Dec 04 j 20:20	16°♏29'39	1.41819 AU
superior conj	-2867 Dec 12 j 09:02	29°♏16'02	-1°-53'-48
minimum elong	-2867 Dec 12 j 06:25	29°♏04'39	1°53'49
	-2867 Dec 12 j 19:07	0°♐	
evening rise	-2867 Dec 23 j 06:43	18°♐50'50	
	-2867 Dec 29 j 10:37	0°♑	
asc. node	-2866 Jan 04 j 09:31	9°♑40'07	
evening max el	-2866 Jan 08 j 17:25	14°♑58'50	18°10'17
retrograde	-2866 Jan 15 j 13:41	18°♑27'28	
evening set	-2866 Jan 18 j 04:07	17°♑57'53	
inferior conj	-2866 Jan 25 j 00:29	13°♑03'38	3°58'47
minimum elong	-2866 Jan 25 j 01:00	13°♑02'27	3°58'41
min. Earth dist.	-2866 Jan 28 j 05:22	10°♑07'21	0.60732 AU
morning rise	-2866 Jan 31 j 19:10	7°♑21'37	
direct	-2866 Feb 07 j 15:10	5°♑08'08	
desc. node	-2866 Feb 15 j 01:55	7°♑29'16	
morning max el	-2866 Feb 21 j 18:43	12°♑50'48	27°30'03
	-2866 Mar 07 j 10:20	0°♒	
	-2866 Mar 24 j 09:54	0°♓	
morning set	-2866 Mar 25 j 15:58	2°♓33'43	
max. Earth dist.	-2866 Apr 01 j 00:38	16°♓07'13	1.32561 AU
superior conj	-2866 Apr 01 j 21:41	18°♓02'07	0°-4'-56
minimum elong	-2866 Apr 01 j 21:54	18°♓03'21	0°04'55
behind sun begin	-2866 Apr 01 j 17:05	17°♓37'02	
behind sun end	-2866 Apr 02 j 02:43	18°♓29'41	
asc. node	-2866 Apr 02 j 08:56	19°♓03'38	
	-2866 Apr 07 j 09:45	0°♈	
evening rise	-2866 Apr 08 j 21:26	3°♈09'23	
	-2866 Apr 23 j 10:36	0°♉	
evening max el	-2866 May 05 j 19:59	15°♉39'26	25°21'43
desc. node	-2866 May 14 j 00:52	21°♉30'14	
retrograde	-2866 May 19 j 21:18	22°♉49'50	
evening set	-2866 May 25 j 08:35	21°♉39'53	
min. Earth dist.	-2866 May 30 j 08:06	18°♉52'50	0.57942 AU
inferior conj	-2866 Jun 02 j 12:23	16°♉40'22	-4°-12'-33
minimum elong	-2866 Jun 02 j 08:57	16°♉46'23	4°12'07
morning rise	-2866 Jun 10 j 13:15	12°♉23'31	
direct	-2866 Jun 13 j 01:09	12°♉04'24	
morning max el	-2866 Jun 21 j 13:23	16°♉03'57	18°54'39
asc. node	-2866 Jun 29 j 08:21	26°♉16'38	
	-2866 Jul 01 j 12:49	0°♊	
morning set	-2866 Jul 08 j 02:58	12°♊25'55	
superior conj	-2866 Jul 16 j 17:19	29°♊12'40	1°48'45
minimum elong	-2866 Jul 16 j 17:16	29°♊12'26	1°48'49
	-2866 Jul 17 j 03:15	0°♋	
max. Earth dist.	-2866 Jul 23 j 12:26	11°♋47'47	1.38867 AU
evening rise	-2866 Jul 27 j 11:53	18°♋46'53	
	-2866 Aug 03 j 05:39	0°♌	
desc. node	-2866 Aug 10 j 00:08	10°♌32'39	
	-2866 Aug 23 j 23:11	0°♍	
evening max el	-2866 Aug 31 j 23:59	9°♍10'49	24°24'39
retrograde	-2866 Sep 12 j 05:40	15°♍45'46	
evening set	-2866 Sep 17 j 15:57	13°♍28'33	
min. Earth dist.	-2866 Sep 22 j 09:16	8°♍02'03	0.67292 AU
inferior conj	-2866 Sep 23 j 01:33	7°♍07'21	0°-46'-5
minimum elong	-2866 Sep 23 j 02:39	7°♍03'39	0°45'35
asc. node	-2866 Sep 25 j 07:29	4°♍12'30	
morning rise	-2866 Sep 28 j 13:39	0°♍59'34	
	-2866 Sep 30 j 10:01	30°℞♌	
direct	-2866 Oct 02 j 06:58	29°♌40'11	
	-2866 Oct 04 j 05:36	0°♍	
morning max el	-2866 Oct 10 j 04:48	4°♍16'11	20°23'58
greatest brilliancy	-2866 Oct 16 j 18:13	12°♍10'43	-0.5m
	-2866 Oct 29 j 01:36	0°♎	
desc. node	-2866 Nov 05 j 23:43	12°♎05'57	
morning set	-2866 Nov 06 j 21:39	13°♎30'50	
max. Earth dist.	-2866 Nov 17 j 04:48	29°♎45'02	1.43462 AU
	-2866 Nov 17 j 08:31	0°♏	
superior conj	-2866 Nov 23 j 03:20	9°♏25'52	-1°-35'-56
minimum elong	-2866 Nov 22 j 20:52	8°♏59'10	1°35'28
	-2866 Dec 05 j 05:22	0°♐	
evening rise	-2866 Dec 05 j 18:22	0°♐56'38	
asc. node	-2866 Dec 22 j 06:34	27°♐09'26	
evening max el	-2866 Dec 23 j 05:28	28°♐10'22	18°10'15
	-2866 Dec 25 j 07:56	0°♑	
retrograde	-2866 Dec 29 j 18:38	1°♑38'47	
evening set	-2865 Jan 01 j 12:23	1°♑01'08	
	-2865 Jan 03 j 06:37	30°℞♐	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2865 Jan 07 j 21:30	25°♐45'36	3°54'26
minimum elong	-2865 Jan 07 j 19:54	25°♐49'48	3°54'13
min. Earth dist.	-2865 Jan 10 j 13:58	22°♐57'23	0.62666 AU
morning rise	-2865 Jan 14 j 01:31	19°♐50'27	
direct	-2865 Jan 21 j 02:36	17°♐11'08	
desc. node	-2865 Feb 01 j 23:00	23°♐02'17	
morning max el	-2865 Feb 04 j 00:12	24°♐57'34	27°43'53
	-2865 Feb 08 j 15:39	0°♑	
	-2865 Feb 28 j 19:09	0°♒	
morning set	-2865 Mar 09 j 18:17	17°♒00'37	
max. Earth dist.	-2865 Mar 15 j 09:42	28°♒46'15	1.32937 AU
	-2865 Mar 15 j 23:28	0°♓	
superior conj	-2865 Mar 17 j 07:14	2°♓51'06	0°-30'-30
minimum elong	-2865 Mar 17 j 08:37	2°♓58'37	0°30'16
asc. node	-2865 Mar 20 j 05:57	9°♓14'14	
evening rise	-2865 Mar 24 j 09:09	18°♓05'54	
	-2865 Mar 30 j 06:57	0°♈	
evening max el	-2865 Apr 17 j 11:36	26°♈25'40	23°51'54
	-2865 Apr 21 j 19:28	0°♉	
desc. node	-2865 Apr 30 j 21:57	3°♉18'13	
retrograde	-2865 May 01 j 05:20	3°♉18'26	
evening set	-2865 May 05 j 07:56	2°♉41'04	
	-2865 May 11 j 04:17	30°℞♈	
min. Earth dist.	-2865 May 11 j 22:48	29°♈32'39	0.56275 AU
inferior conj	-2865 May 14 j 06:30	28°♈07'36	-3°-20'-22
minimum elong	-2865 May 14 j 00:18	28°♈17'08	3°18'54
morning rise	-2865 May 22 j 20:28	24°♈07'29	
direct	-2865 May 25 j 09:21	23°♈50'56	
morning max el	-2865 Jun 04 j 08:54	28°♈28'19	19°54'00
	-2865 Jun 05 j 21:39	0°♉	
asc. node	-2865 Jun 16 j 05:24	15°♉14'23	
morning set	-2865 Jun 22 j 05:28	26°♉52'10	
	-2865 Jun 23 j 18:34	0°♊	
superior conj	-2865 Jun 30 j 04:10	12°♊57'09	1°44'10
minimum elong	-2865 Jun 30 j 02:30	12°♊48'49	1°44'09
max. Earth dist.	-2865 Jul 05 j 15:58	23°♊38'06	1.36978 AU
	-2865 Jul 09 j 02:15	0°♋	
evening rise	-2865 Jul 09 j 14:47	0°♋56'51	
	-2865 Jul 27 j 09:34	0°♌	
desc. node	-2865 Jul 27 j 21:09	0°♌42'15	
evening max el	-2865 Aug 14 j 10:48	22°♌43'06	25°38'30
retrograde	-2865 Aug 26 j 15:32	29°♌44'21	
evening set	-2865 Sep 01 j 16:48	27°♌10'29	
min. Earth dist.	-2865 Sep 06 j 01:27	22°♌20'45	0.66768 AU
inferior conj	-2865 Sep 07 j 04:57	20°♌52'28	-1°-39'-41
minimum elong	-2865 Sep 07 j 07:19	20°♌44'52	1°38'43
asc. node	-2865 Sep 12 j 04:34	15°♌25'01	
morning rise	-2865 Sep 12 j 22:29	14°♌53'42	
direct	-2865 Sep 16 j 05:10	13°♌51'31	
morning max el	-2865 Sep 23 j 09:22	17°♌56'45	19°22'22
	-2865 Oct 02 j 16:08	0°♍	
greatest brilliancy	-2865 Oct 03 j 04:55	0°♍47'10	-0.7m
morning set	-2865 Oct 17 j 00:33	22°♍01'50	
	-2865 Oct 22 j 03:00	0°♎	
desc. node	-2865 Oct 23 j 20:43	2°♎43'15	
max. Earth dist.	-2865 Oct 30 j 19:20	13°♎38'30	1.44525 AU
superior conj	-2865 Nov 02 j 19:00	18°♎22'49	-1°00'-49
minimum elong	-2865 Nov 02 j 12:07	17°♎55'26	1°00'03
	-2865 Nov 10 j 00:24	0°♏	
evening rise	-2865 Nov 17 j 09:22	12°♏07'09	
	-2865 Nov 28 j 06:37	0°♐	
evening max el	-2865 Dec 06 j 17:53	11°♐31'07	18°28'54
asc. node	-2865 Dec 09 j 03:39	13°♐37'15	
retrograde	-2865 Dec 13 j 08:21	15°♐10'03	
evening set	-2865 Dec 16 j 06:30	14°♐22'59	
inferior conj	-2865 Dec 22 j 06:58	8°♐48'31	3°32'51
minimum elong	-2865 Dec 22 j 04:12	8°♐56'32	3°32'14
min. Earth dist.	-2865 Dec 24 j 08:38	6°♐24'35	0.64330 AU
morning rise	-2865 Dec 28 j 00:34	2°♐44'00	
	-2864 Jan 02 j 12:39	30°℞♏	
direct	-2864 Jan 03 j 21:34	29°♏53'34	
	-2864 Jan 05 j 07:17	0°♐	
morning max el	-2864 Jan 17 j 09:11	7°♐37'34	27°22'05
desc. node	-2864 Jan 19 j 20:05	10°♐11'33	
	-2864 Feb 03 j 17:50	0°♑	
	-2864 Feb 21 j 00:31	0°♒	
morning set	-2864 Feb 21 j 12:28	0°♒58'19	
max. Earth dist.	-2864 Feb 26 j 10:45	10°♒54'45	1.33718 AU
superior conj	-2864 Feb 29 j 12:58	17°♒23'38	0°-55'-35
minimum elong	-2864 Feb 29 j 15:26	17°♒36'39	0°55'12
asc. node	-2864 Mar 06 j 02:59	29°♒17'25	
	-2864 Mar 06 j 11:01	0°♓	
evening rise	-2864 Mar 07 j 20:13	2°♓54'46	
	-2864 Mar 23 j 01:51	0°♈	
evening max el	-2864 Mar 29 j 05:06	7°♈07'37	22°17'41
retrograde	-2864 Apr 11 j 01:27	13°♈24'05	
evening set	-2864 Apr 13 j 23:25	13°♈05'20	
desc. node	-2864 Apr 16 j 19:02	12°♈14'30	
min. Earth dist.	-2864 Apr 22 j 12:38	9°♈23'12	0.55277 AU
inferior conj	-2864 Apr 23 j 07:43	8°♈56'10	-1°-47'-17
minimum elong	-2864 Apr 23 j 02:59	9°♈02'53	1°45'44
morning rise	-2864 May 02 j 08:25	4°♈59'43	
direct	-2864 May 05 j 01:28	4°♈43'01	
morning max el	-2864 May 16 j 17:38	10°♈11'20	21°12'47
	-2864 May 30 j 15:54	0°♉	
asc. node	-2864 Jun 02 j 02:27	4°♉39'40	
morning set	-2864 Jun 05 j 13:06	11°♉36'05	
superior conj	-2864 Jun 13 j 01:14	27°♉13'57	1°32'53
minimum elong	-2864 Jun 12 j 22:45	27°♉01'07	1°32'42
	-2864 Jun 14 j 09:32	0°♊	
max. Earth dist.	-2864 Jun 17 j 02:22	5°♊27'32	1.35358 AU
evening rise	-2864 Jun 21 j 12:45	14°♊04'48	
	-2864 Jun 30 j 10:20	0°♋	
desc. node	-2864 Jul 13 j 18:10	20°♋28'04	
	-2864 Jul 21 j 03:47	0°♌	
evening max el	-2864 Jul 26 j 22:05	6°♌14'15	26°38'07
retrograde	-2864 Aug 08 j 20:34	13°♌30'54	
evening set	-2864 Aug 15 j 11:17	10°♌46'23	
min. Earth dist.	-2864 Aug 19 j 12:00	6°♌34'55	0.65893 AU
inferior conj	-2864 Aug 21 j 03:50	4°♌35'07	-2°-31'-1
minimum elong	-2864 Aug 21 j 07:16	4°♌24'47	2°29'47
	-2864 Aug 25 j 11:01	30°℞♋	
morning rise	-2864 Aug 27 j 04:20	28°♋48'23	
asc. node	-2864 Aug 29 j 01:40	28°♋06'02	
direct	-2864 Aug 30 j 02:47	27°♋59'52	
	-2864 Sep 03 j 22:16	0°♌	
morning max el	-2864 Sep 05 j 19:51	1°♌43'15	18°36'14
	-2864 Sep 25 j 00:51	0°♍	
morning set	-2864 Sep 26 j 02:25	1°♍42'53	
desc. node	-2864 Oct 09 j 17:42	23°♍26'17	
superior conj	-2864 Oct 11 j 19:18	26°♍41'42	0°-13'-12
minimum elong	-2864 Oct 11 j 17:33	26°♍34'48	0°12'59
behind sun begin	-2864 Oct 11 j 10:35	26°♍07'22	
behind sun end	-2864 Oct 12 j 00:31	27°♍02'14	
max. Earth dist.	-2864 Oct 12 j 12:59	27°♍51'23	1.44887 AU
	-2864 Oct 13 j 21:41	0°♎	
evening rise	-2864 Oct 28 j 00:08	22°♎15'49	
	-2864 Nov 01 j 20:58	0°♏	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening max el	-2864 Nov 19 j 04:13	24°♏57'01	19°05'06
asc. node	-2864 Nov 25 j 00:44	28°♏48'37	
retrograde	-2864 Nov 26 j 03:11	28°♏55'27	
evening set	-2864 Nov 29 j 07:28	27°♏56'59	
inferior conj	-2864 Dec 05 j 01:26	22°♏06'27	2°59'20
minimum elong	-2864 Dec 04 j 22:23	22°♏16'04	2°58'25
min. Earth dist.	-2864 Dec 06 j 12:38	20°♏16'01	0.65644 AU
morning rise	-2864 Dec 10 j 12:21	15°♏55'26	
direct	-2864 Dec 16 j 23:01	13°♏08'00	
morning max el	-2864 Dec 29 j 18:49	20°♏38'37	26°30'23
desc. node	-2863 Jan 05 j 17:09	28°♏29'16	
	-2863 Jan 06 j 21:54	0°♐	
	-2863 Jan 26 j 20:33	0°♑	
morning set	-2863 Feb 03 j 18:49	14°♑15'41	
max. Earth dist.	-2863 Feb 08 j 00:29	22°♑26'49	1.34950 AU
	-2863 Feb 11 j 18:32	0°♒	
superior conj	-2863 Feb 12 j 12:45	1°♒33'24	-1°-18'-51
minimum elong	-2863 Feb 12 j 15:56	1°♒49'50	1°18'27
evening rise	-2863 Feb 20 j 04:50	17°♒30'20	
asc. node	-2863 Feb 21 j 00:00	19°♒08'48	
	-2863 Feb 26 j 12:59	0°♓	
evening max el	-2863 Mar 11 j 06:37	18°♓11'55	20°51'30
retrograde	-2863 Mar 22 j 14:41	23°♓37'05	
evening set	-2863 Mar 24 j 22:37	23°♓24'14	
inferior conj	-2863 Apr 03 j 02:37	19°♓26'44	0°09'27
minimum elong	-2863 Apr 03 j 03:03	19°♓26'07	0°09'17
transit middle	-2863 Apr 03 j 03:03	19°♓26'07	0°09'17
transit begin	-2863 Apr 02 j 23:45	19°♓30'51	
transit end	-2863 Apr 03 j 06:22	19°♓21'23	
desc. node	-2863 Apr 03 j 16:07	19°♓07'24	
min. Earth dist.	-2863 Apr 04 j 02:41	18°♓52'20	0.55190 AU
morning rise	-2863 Apr 12 j 06:12	15°♓15'54	
direct	-2863 Apr 15 j 13:11	14°♓52'20	
morning max el	-2863 Apr 28 j 15:56	21°♓13'20	22°46'42
	-2863 May 06 j 03:16	0°♈	
asc. node	-2863 May 19 j 23:29	24°♈25'04	
morning set	-2863 May 20 j 23:52	26°♈31'31	
	-2863 May 22 j 15:31	0°♉	
superior conj	-2863 May 28 j 05:15	11°♉52'50	1°16'37
minimum elong	-2863 May 28 j 02:39	11°♉38'58	1°16'18
max. Earth dist.	-2863 May 30 j 22:46	17°♉37'34	1.34100 AU
evening rise	-2863 Jun 05 j 00:45	27°♉56'06	
	-2863 Jun 06 j 02:07	0°♊	
	-2863 Jun 23 j 15:35	0°♋	
desc. node	-2863 Jun 30 j 15:11	9°♋39'39	
evening max el	-2863 Jul 09 j 09:35	19°♋35'22	27°15'41
retrograde	-2863 Jul 22 j 20:05	26°♋57'26	
evening set	-2863 Jul 29 j 20:38	24°♋11'49	
min. Earth dist.	-2863 Aug 02 j 14:39	20°♋37'35	0.64650 AU
inferior conj	-2863 Aug 04 j 19:55	18°♋10'43	-3°-17'-42
minimum elong	-2863 Aug 04 j 23:57	17°♋59'36	3°16'32
morning rise	-2863 Aug 11 j 04:49	12°♋39'19	
direct	-2863 Aug 13 j 21:30	12°♋01'04	
asc. node	-2863 Aug 15 j 22:45	12°♋23'14	
morning max el	-2863 Aug 20 j 09:54	15°♋30'45	18°06'55
	-2863 Aug 30 j 17:12	0°♌	
morning set	-2863 Sep 07 j 08:03	12°♌44'15	
	-2863 Sep 17 j 18:03	0°♍	
superior conj	-2863 Sep 21 j 02:04	5°♍23'21	0°35'03
minimum elong	-2863 Sep 21 j 06:04	5°♍39'26	0°34'34
max. Earth dist.	-2863 Sep 25 j 06:51	12°♍05'29	1.44524 AU
desc. node	-2863 Sep 26 j 14:40	14°♍11'22	
	-2863 Oct 06 j 17:29	0°♎	
evening rise	-2863 Oct 07 j 16:02	1°♎27'19	
greatest brilliancy	-2863 Oct 26 j 02:13	29°♎13'15	-0.6m
	-2863 Oct 26 j 15:38	0°♏	
evening max el	-2863 Nov 02 j 10:16	8°♏23'58	19°57'15
retrograde	-2863 Nov 10 j 00:13	12°♏49'56	
asc. node	-2863 Nov 11 j 21:49	12°♏29'04	
evening set	-2863 Nov 13 j 12:45	11°♏37'35	
inferior conj	-2863 Nov 19 j 02:04	5°♏34'02	2°17'31
minimum elong	-2863 Nov 18 j 23:20	5°♏43'04	2°16'32
min. Earth dist.	-2863 Nov 20 j 00:11	4°♏20'43	0.66589 AU
	-2863 Nov 23 j 15:53	30°℞♎	
morning rise	-2863 Nov 24 j 09:18	29°♎19'01	
direct	-2863 Nov 30 j 05:58	26°♎45'15	
	-2863 Dec 07 j 21:00	0°♏	
morning max el	-2863 Dec 12 j 03:33	3°♏48'55	25°17'25
desc. node	-2863 Dec 23 j 14:11	17°♏34'42	
	-2862 Jan 01 j 05:47	0°♐	
morning set	-2862 Jan 17 j 08:23	26°♐37'54	
	-2862 Jan 19 j 04:51	0°♑	
max. Earth dist.	-2862 Jan 21 j 02:55	3°♑33'36	1.36621 AU
superior conj	-2862 Jan 27 j 03:41	15°♑11'48	-1°-38'-33
minimum elong	-2862 Jan 27 j 06:57	15°♑27'58	1°38'19
	-2862 Feb 03 j 11:54	0°♒	
evening rise	-2862 Feb 04 j 08:57	1°♒46'19	
asc. node	-2862 Feb 07 j 21:03	8°♒43'11	
	-2862 Feb 21 j 22:22	0°♓	
evening max el	-2862 Feb 21 j 18:45	29°♒51'27	19°41'08
retrograde	-2862 Mar 03 j 09:47	4°♓26'20	
evening set	-2862 Mar 05 j 16:11	4°♓12'15	
inferior conj	-2862 Mar 14 j 05:32	0°♓08'52	1°57'12
minimum elong	-2862 Mar 14 j 09:55	0°♓01'57	1°55'49
	-2862 Mar 14 j 11:09	30°℞♒	
min. Earth dist.	-2862 Mar 16 j 17:01	28°♒35'27	0.56028 AU
desc. node	-2862 Mar 21 j 13:12	26°♒02'06	
morning rise	-2862 Mar 23 j 00:16	25°♒30'09	
direct	-2862 Mar 27 j 08:25	24°♒48'02	
	-2862 Apr 08 j 06:47	0°♓	
morning max el	-2862 Apr 10 j 07:39	1°♓49'30	24°26'25
	-2862 Apr 29 j 18:03	0°♈	
morning set	-2862 May 05 j 11:59	11°♈32'50	
asc. node	-2862 May 06 j 20:30	14°♈24'48	
superior conj	-2862 May 12 j 13:47	26°♈46'01	0°56'41
minimum elong	-2862 May 12 j 11:34	26°♈34'01	0°56'19
max. Earth dist.	-2862 May 14 j 04:11	0°♉13'05	1.33214 AU
	-2862 May 14 j 01:45	0°♉	
evening rise	-2862 May 19 j 22:43	12°♉18'17	
	-2862 May 29 j 07:07	0°♊	
desc. node	-2862 Jun 17 j 12:12	28°♊02'47	
	-2862 Jun 19 j 06:39	0°♋	
evening max el	-2862 Jun 21 j 19:26	2°♋33'59	27°24'39
retrograde	-2862 Jul 05 j 13:24	9°♋55'50	
evening set	-2862 Jul 12 j 17:29	7°♋21'35	
min. Earth dist.	-2862 Jul 16 j 07:37	4°♋19'00	0.63040 AU
inferior conj	-2862 Jul 19 j 02:29	1°♋33'42	-3°-56'-13
minimum elong	-2862 Jul 19 j 06:13	1°♋24'25	3°55'27
	-2862 Jul 20 j 17:05	30°℞♊	
morning rise	-2862 Jul 25 j 21:07	26°♊21'00	
direct	-2862 Jul 28 j 10:21	25°♊50'15	
asc. node	-2862 Aug 02 j 19:49	28°♊08'11	
morning max el	-2862 Aug 04 j 01:01	29°♊14'36	17°55'30
	-2862 Aug 04 j 18:36	0°♋	
morning set	-2862 Aug 20 j 13:36	24°♋54'30	
	-2862 Aug 23 j 11:01	0°♌	
superior conj	-2862 Sep 01 j 08:46	15°♌17'11	1°12'59
minimum elong	-2862 Sep 01 j 14:19	15°♌40'26	1°12'27

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2862 Sep 07 j 22:12	26°♌04'24	1.43485 AU
	-2862 Sep 10 j 08:54	0°♍	
desc. node	-2862 Sep 13 j 11:38	4°♍55'55	
evening rise	-2862 Sep 16 j 20:59	10°♍13'28	
	-2862 Sep 29 j 22:53	0°♎	
greatest brilliancy	-2862 Oct 10 j 23:12	15°♎25'13	-0.5m
evening max el	-2862 Oct 16 j 10:33	21°♎50'37	21°02'51
retrograde	-2862 Oct 24 j 21:19	26°♎50'54	
evening set	-2862 Oct 28 j 20:17	25°♎22'09	
asc. node	-2862 Oct 29 j 18:53	24°♎34'41	
inferior conj	-2862 Nov 03 j 06:35	19°♎08'52	1°29'57
minimum elong	-2862 Nov 03 j 04:38	19°♎15'34	1°29'09
min. Earth dist.	-2862 Nov 03 j 17:05	18°♎32'55	0.67187 AU
morning rise	-2862 Nov 08 j 12:36	12°♎52'15	
direct	-2862 Nov 13 j 17:51	10°♎38'23	
morning max el	-2862 Nov 24 j 12:17	17°♎03'37	23°52'55
	-2862 Dec 05 j 06:18	0°♏	
desc. node	-2862 Dec 10 j 11:12	7°♏14'02	
	-2862 Dec 25 j 07:05	0°♐	
morning set	-2862 Dec 29 j 23:07	7°♐48'41	
max. Earth dist.	-2861 Jan 02 j 23:07	14°♐46'33	1.38614 AU
superior conj	-2861 Jan 10 j 06:01	28°♐08'23	-1°-52'-18
minimum elong	-2861 Jan 10 j 08:13	28°♐18'51	1°52'18
	-2861 Jan 11 j 05:31	0°♑	
evening rise	-2861 Jan 19 j 06:07	15°♑35'58	
asc. node	-2861 Jan 25 j 18:05	27°♑54'12	
	-2861 Jan 26 j 22:43	0°♒	
evening max el	-2861 Feb 04 j 16:53	12°♒06'09	18°50'01
retrograde	-2861 Feb 12 j 21:31	16°♒03'23	
evening set	-2861 Feb 15 j 06:44	15°♒44'38	
inferior conj	-2861 Feb 23 j 02:37	11°♒24'11	3°12'13
minimum elong	-2861 Feb 23 j 07:01	11°♒16'07	3°11'15
min. Earth dist.	-2861 Feb 26 j 08:59	9°♒02'00	0.57590 AU
morning rise	-2861 Mar 03 j 03:28	6°♒15'10	
desc. node	-2861 Mar 08 j 10:18	5°♒01'08	
direct	-2861 Mar 08 j 16:22	5°♒00'59	
morning max el	-2861 Mar 22 j 23:05	12°♒27'02	25°57'44
	-2861 Apr 05 j 15:13	0°♓	
morning set	-2861 Apr 19 j 23:44	26°♓33'13	
	-2861 Apr 21 j 14:47	0°♈	
asc. node	-2861 Apr 23 j 17:30	4°♈33'08	
superior conj	-2861 Apr 27 j 00:47	11°♈45'51	0°34'04
minimum elong	-2861 Apr 26 j 23:20	11°♈37'55	0°33'46
max. Earth dist.	-2861 Apr 27 j 15:24	13°♈05'42	1.32686 AU
evening rise	-2861 May 04 j 03:25	27°♈00'07	
	-2861 May 05 j 14:30	0°♉	
	-2861 May 22 j 18:38	0°♊	
evening max el	-2861 Jun 04 j 00:48	14°♊55'57	27°01'07
desc. node	-2861 Jun 04 j 09:16	15°♊16'00	
retrograde	-2861 Jun 17 j 23:45	22°♊15'58	
evening set	-2861 Jun 24 j 21:39	20°♊06'59	
min. Earth dist.	-2861 Jun 28 j 14:23	17°♊23'58	0.61125 AU
inferior conj	-2861 Jul 01 j 20:07	14°♊34'54	-4°-21'-15
minimum elong	-2861 Jul 01 j 22:12	14°♊30'22	4°21'00
morning rise	-2861 Jul 09 j 01:42	9°♊43'45	
direct	-2861 Jul 11 j 13:25	9°♊18'34	
morning max el	-2861 Jul 18 j 14:18	12°♊47'07	18°02'52
asc. node	-2861 Jul 20 j 16:51	15°♊04'49	
	-2861 Jul 30 j 05:02	0°♋	
morning set	-2861 Aug 03 j 13:15	7°♋56'46	
superior conj	-2861 Aug 13 j 18:59	26°♋32'52	1°36'46
minimum elong	-2861 Aug 13 j 22:48	26°♋49'40	1°36'34
	-2861 Aug 15 j 18:20	0°♌	
max. Earth dist.	-2861 Aug 21 j 08:02	9°♌28'34	1.41901 AU
evening rise	-2861 Aug 27 j 10:02	19°♌23'38	
desc. node	-2861 Aug 31 j 08:37	25°♌36'19	
	-2861 Sep 03 j 04:59	0°♍	
greatest brilliancy	-2861 Sep 24 j 11:04	29°♍56'33	-0.3m
	-2861 Sep 24 j 12:11	0°♎	
evening max el	-2861 Sep 29 j 04:44	5°♎16'43	22°18'27
retrograde	-2861 Oct 08 j 16:48	10°♎55'42	
evening set	-2861 Oct 13 j 04:14	9°♎08'36	
asc. node	-2861 Oct 16 j 15:57	5°♎22'01	
inferior conj	-2861 Oct 18 j 13:03	2°♎49'11	0°38'35
minimum elong	-2861 Oct 18 j 12:10	2°♎52'15	0°38'13
min. Earth dist.	-2861 Oct 18 j 12:59	2°♎49'24	0.67462 AU
	-2861 Oct 20 j 15:13	30°℞♍	
morning rise	-2861 Oct 23 j 19:58	26°♍33'34	
direct	-2861 Oct 28 j 10:02	24°♍41'42	
	-2861 Nov 06 j 14:33	0°♎	
morning max el	-2861 Nov 06 j 23:42	0°♎22'55	22°26'23
greatest brilliancy	-2861 Nov 11 j 16:01	5°♎39'02	-0.3m
desc. node	-2861 Nov 27 j 08:12	27°♎17'38	
	-2861 Nov 29 j 03:34	0°♏	
morning set	-2861 Dec 10 j 09:43	17°♏36'33	
max. Earth dist.	-2861 Dec 15 j 20:23	26°♏37'52	1.40690 AU
	-2861 Dec 17 j 19:50	0°♐	
superior conj	-2861 Dec 23 j 14:55	10°♐10'43	-1°-56'-53
minimum elong	-2861 Dec 23 j 14:30	10°♐08'51	1°56'59
evening rise	-2860 Jan 02 j 17:21	28°♐52'08	
	-2860 Jan 03 j 07:48	0°♑	
asc. node	-2860 Jan 12 j 15:07	16°♑34'12	
evening max el	-2860 Jan 18 j 22:45	24°♑49'54	18°19'04
retrograde	-2860 Jan 26 j 03:51	28°♑24'59	
evening set	-2860 Jan 28 j 16:18	27°♑59'49	
inferior conj	-2860 Feb 04 j 20:27	23°♑18'17	3°50'38
minimum elong	-2860 Feb 04 j 22:30	23°♑13'55	3°50'23
min. Earth dist.	-2860 Feb 08 j 05:24	20°♑27'13	0.59550 AU
morning rise	-2860 Feb 12 j 01:24	17°♑45'47	
direct	-2860 Feb 18 j 13:02	15°♑52'39	
desc. node	-2860 Feb 23 j 07:23	16°♑50'24	
morning max el	-2860 Mar 03 j 19:16	23°♑32'03	27°05'41
	-2860 Mar 09 j 15:15	0°♒	
	-2860 Mar 28 j 15:46	0°♓	
morning set	-2860 Apr 03 j 09:25	11°♓26'35	
asc. node	-2860 Apr 09 j 14:31	24°♓45'56	
max. Earth dist.	-2860 Apr 10 j 04:41	26°♓03'24	1.32504 AU
superior conj	-2860 Apr 10 j 12:33	26°♓46'30	0°09'39
minimum elong	-2860 Apr 10 j 12:07	26°♓44'09	0°09'33
behind sun begin	-2860 Apr 10 j 08:06	26°♓22'10	
behind sun end	-2860 Apr 10 j 16:08	27°♓06'08	
	-2860 Apr 11 j 23:53	0°♈	
evening rise	-2860 Apr 17 j 12:26	11°♈53'27	
	-2860 Apr 26 j 19:44	0°♉	
evening max el	-2860 May 15 j 23:54	26°♉34'52	26°05'38
	-2860 May 20 j 00:58	0°♊	
desc. node	-2860 May 21 j 06:20	0°♊50'44	
retrograde	-2860 May 30 j 01:53	3°♊51'10	
evening set	-2860 Jun 05 j 05:07	2°♊18'41	
	-2860 Jun 09 j 00:15	30°℞♉	
min. Earth dist.	-2860 Jun 09 j 12:38	29°♉37'52	0.59072 AU
inferior conj	-2860 Jun 12 j 21:16	27°♉05'31	-4°-24'-36
minimum elong	-2860 Jun 12 j 20:06	27°♉07'45	4°24'31
morning rise	-2860 Jun 20 j 14:52	22°♉36'49	
direct	-2860 Jun 23 j 02:20	22°♉15'53	
morning max el	-2860 Jun 30 j 22:54	26°♉00'23	18°29'54
	-2860 Jul 04 j 11:18	0°♊	
asc. node	-2860 Jul 06 j 13:54	2°♊58'16	
morning set	-2860 Jul 17 j 02:08	21°♊38'39	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2860 Jul 21 j 10:24	0°♋		
superior conj	-2860 Jul 26 j 04:29	8°♋58'29	1°47'29	
minimum elong	-2860 Jul 26 j 05:44	9°♋04'17	1°47'32	
max. Earth dist.	-2860 Aug 02 j 11:57	22°♋07'34	1.39997 AU	
evening rise	-2860 Aug 06 j 21:44	29°♋38'26		
	-2860 Aug 07 j 02:54	0°♌		
desc. node	-2860 Aug 17 j 05:37	16°♌08'42		
	-2860 Aug 26 j 16:17	0°♍		
evening max el	-2860 Sep 10 j 18:11	18°♍44'17	23°38'55	
retrograde	-2860 Sep 21 j 09:17	25°♍01'00		
evening set	-2860 Sep 26 j 10:50	22°♍54'44		
inferior conj	-2860 Oct 01 j 19:42	16°♍32'57	0°-14'-54	
minimum elong	-2860 Oct 01 j 20:03	16°♍31'45	0°14'44	
transit middle	-2860 Oct 01 j 20:03	16°♍31'45	0°14'44	
transit begin	-2860 Oct 01 j 18:53	16°♍35'45		
transit end	-2860 Oct 01 j 21:13	16°♍27'46		
min. Earth dist.	-2860 Oct 01 j 09:26	17°♍08'01	0.67435 AU	
asc. node	-2860 Oct 02 j 13:02	15°♍33'56		
morning rise	-2860 Oct 07 j 05:22	10°♍21'15		
direct	-2860 Oct 11 j 05:40	8°♍50'39		
morning max el	-2860 Oct 19 j 16:43	13°♍49'01	21°05'33	
greatest brilliancy	-2860 Oct 25 j 06:10	20°♍18'31	-0.5m	
	-2860 Nov 01 j 08:14	0°♎		
desc. node	-2860 Nov 13 j 05:12	17°♎38'04		
morning set	-2860 Nov 18 j 17:40	26°♎10'23		
	-2860 Nov 21 j 04:00	0°♏		
max. Earth dist.	-2860 Nov 26 j 23:51	9°♏21'40	1.42572 AU	
superior conj	-2860 Dec 04 j 00:42	21°♏04'40	-1°-48'-19	
minimum elong	-2860 Dec 03 j 20:20	20°♏46'04	1°48'09	
	-2860 Dec 09 j 04:39	0°♐		
evening rise	-2860 Dec 15 j 14:52	11°♐25'51		
	-2860 Dec 26 j 08:31	0°♑		
asc. node	-2860 Dec 29 j 12:11	4°♑32'44		
evening max el	-2859 Jan 01 j 09:25	7°♑53'37	18°07'56	
retrograde	-2859 Jan 08 j 01:37	11°♑20'41		
evening set	-2859 Jan 10 j 17:20	10°♑47'55		
inferior conj	-2859 Jan 17 j 08:37	5°♑44'45	3°59'26	
minimum elong	-2859 Jan 17 j 08:07	5°♑45'58	3°59'20	
min. Earth dist.	-2859 Jan 20 j 08:57	2°♑49'03	0.61580 AU	
morning rise	-2859 Jan 23 j 20:30	29°♐56'27		
	-2859 Jan 23 j 18:28	30°℞♐		
direct	-2859 Jan 30 j 20:02	27°♐29'54		
	-2859 Feb 07 j 10:08	0°♑		
desc. node	-2859 Feb 09 j 04:28	1°♑11'41		
morning max el	-2859 Feb 13 j 21:30	5°♑15'31	27°40'19	
	-2859 Mar 04 j 11:10	0°♒		
morning set	-2859 Mar 18 j 15:05	26°♒05'04		
	-2859 Mar 20 j 12:29	0°♓		
max. Earth dist.	-2859 Mar 24 j 16:14	8°♓52'03	1.32672 AU	
superior conj	-2859 Mar 25 j 23:24	11°♓41'19	0°-15'-47	
minimum elong	-2859 Mar 26 j 00:07	11°♓45'14	0°15'39	
behind sun begin	-2859 Mar 25 j 23:24	11°♓41'21		
behind sun end	-2859 Mar 26 j 00:50	11°♓49'07		
asc. node	-2859 Mar 27 j 11:34	14°♓58'24		
evening rise	-2859 Apr 01 j 23:41	26°♓50'25		
	-2859 Apr 03 j 12:00	0°♈		
	-2859 Apr 21 j 01:07	0°♉		
evening max el	-2859 Apr 27 j 17:23	7°♉35'42	24°45'00	
desc. node	-2859 May 08 j 03:24	14°♉11'07		
retrograde	-2859 May 11 j 17:18	14°♉40'44		
evening set	-2859 May 16 j 14:41	13°♉46'20		
min. Earth dist.	-2859 May 22 j 05:26	10°♉51'21	0.57166 AU	
inferior conj	-2859 May 25 j 02:57	8°♉57'16	-3°-55'-36	
minimum elong	-2859 May 24 j 22:01	9°♉05'26	3°54'45	
morning rise	-2859 Jun 02 j 09:24	4°♉48'22		
direct	-2859 Jun 04 j 21:24	4°♉30'37		
morning max el	-2859 Jun 13 j 23:53	8°♉45'01	19°17'24	
asc. node	-2859 Jun 23 j 10:58	21°♉35'42		
	-2859 Jun 28 j 00:55	0°♊		
morning set	-2859 Jul 01 j 00:33	5°♊51'00		
superior conj	-2859 Jul 09 j 07:32	22°♊18'13	1°47'44	
minimum elong	-2859 Jul 09 j 06:42	22°♊14'07	1°47'49	
	-2859 Jul 13 j 08:07	0°♋		
max. Earth dist.	-2859 Jul 15 j 13:58	4°♋09'45	1.38037 AU	
evening rise	-2859 Jul 19 j 11:19	11°♋08'58		
	-2859 Jul 30 j 20:35	0°♌		
desc. node	-2859 Aug 04 j 02:38	6°♌28'25		
	-2859 Aug 22 j 00:55	0°♍		
evening max el	-2859 Aug 24 j 05:28	2°♍15'48	24°57'26	
retrograde	-2859 Sep 04 j 21:44	9°♍03'22		
evening set	-2859 Sep 10 j 14:19	6°♍38'53		
min. Earth dist.	-2859 Sep 15 j 03:57	1°♍27'28	0.67103 AU	
inferior conj	-2859 Sep 16 j 00:47	0°♍18'34	-1°-8'-56	
minimum elong	-2859 Sep 16 j 02:26	0°♍13'07	1°08'14	
	-2859 Sep 16 j 06:25	30°℞♌		
asc. node	-2859 Sep 19 j 10:06	26°♌09'32		
morning rise	-2859 Sep 21 j 14:58	24°♌13'57		
direct	-2859 Sep 25 j 03:30	23°♌02'10		
morning max el	-2859 Oct 02 j 17:03	27°♌24'14	19°55'58	
	-2859 Oct 05 j 01:21	0°♍		
greatest brilliancy	-2859 Oct 10 j 07:10	6°♍50'02	-0.6m	
	-2859 Oct 25 j 19:28	0°♎		
morning set	-2859 Oct 28 j 15:20	4°♎22'00		
desc. node	-2859 Oct 31 j 02:13	8°♎10'31		
max. Earth dist.	-2859 Nov 09 j 10:58	22°♎54'40	1.43996 AU	
	-2859 Nov 13 j 20:51	0°♏		
superior conj	-2859 Nov 14 j 07:21	0°♏42'35	-1°-23'-5	
minimum elong	-2859 Nov 14 j 00:02	0°♏12'56	1°22'25	
evening rise	-2859 Nov 27 j 18:18	23°♏09'09		
	-2859 Dec 01 j 18:29	0°♐		
evening max el	-2859 Dec 15 j 22:03	21°♐10'19	18°15'57	
asc. node	-2859 Dec 16 j 09:15	21°♐37'53		
retrograde	-2859 Dec 22 j 10:40	24°♐41'33		
evening set	-2859 Dec 25 j 06:12	24°♐00'01		
inferior conj	-2859 Dec 31 j 11:22	18°♐36'18	3°46'59	
minimum elong	-2859 Dec 31 j 09:10	18°♐42'22	3°46'36	
min. Earth dist.	-2858 Jan 02 j 21:42	15°♐56'51	0.63425 AU	
morning rise	-2858 Jan 06 j 10:30	12°♐37'02		
direct	-2858 Jan 13 j 11:02	9°♐50'56		
morning max el	-2858 Jan 27 j 04:35	17°♐36'49	27°38'33	
desc. node	-2858 Jan 27 j 01:34	17°♐29'23		
	-2858 Feb 06 j 14:31	0°♑		
	-2858 Feb 25 j 05:30	0°♒		
morning set	-2858 Mar 02 j 14:18	10°♒20'26		
max. Earth dist.	-2858 Mar 07 j 22:12	21°♒18'29	1.33221 AU	
superior conj	-2858 Mar 10 j 07:36	26°♒24'08	0°-41'-17	
minimum elong	-2858 Mar 10 j 09:28	26°♒34'09	0°40'57	
	-2858 Mar 11 j 23:44	0°♓		
asc. node	-2858 Mar 14 j 08:36	5°♓06'24		
evening rise	-2858 Mar 17 j 11:21	11°♓44'26		
	-2858 Mar 26 j 21:33	0°♈		
evening max el	-2858 Apr 09 j 09:10	18°♈17'03	23°11'31	
retrograde	-2858 Apr 22 j 19:36	24°♈55'55		
desc. node	-2858 Apr 25 j 00:30	24°♈45'09		
evening set	-2858 Apr 26 j 08:41	24°♈28'26		
min. Earth dist.	-2858 May 03 j 19:34	21°♈07'26	0.55752 AU	
inferior conj	-2858 May 05 j 13:04	20°♈06'40	-2°-45'-26	
minimum elong	-2858 May 05 j 06:51	20°♈15'48	2°43'40	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning rise	-2858 May 14 j 08:05	16°♈09'47	
direct	-2858 May 16 j 22:13	15°♈53'32	
morning max el	-2858 May 27 j 14:47	20°♈51'38	20°25'18
	-2858 Jun 04 j 01:11	0°♉	
asc. node	-2858 Jun 10 j 08:01	10°♉46'12	
morning set	-2858 Jun 15 j 05:31	20°♉25'36	
	-2858 Jun 19 j 21:18	0°♊	
superior conj	-2858 Jun 22 j 23:09	6°♊17'26	1°40'04
minimum elong	-2858 Jun 22 j 21:03	6°♊06'44	1°40'00
max. Earth dist.	-2858 Jun 27 j 20:08	15°♊57'40	1.36249 AU
evening rise	-2858 Jul 01 j 22:59	23°♊45'23	
	-2858 Jul 05 j 09:49	0°♋	
desc. node	-2858 Jul 21 j 23:38	26°♋28'53	
	-2858 Jul 24 j 11:53	0°♌	
evening max el	-2858 Aug 06 j 16:35	15°♌48'56	26°06'11
retrograde	-2858 Aug 19 j 05:24	22°♌57'17	
evening set	-2858 Aug 25 j 12:42	20°♌18'12	
min. Earth dist.	-2858 Aug 29 j 18:00	15°♌44'37	0.66440 AU
inferior conj	-2858 Aug 31 j 02:30	14°♌02'54	-2°-1'-51
minimum elong	-2858 Aug 31 j 05:21	13°♌53'57	2°00'44
morning rise	-2858 Sep 05 j 22:47	8°♌08'45	
asc. node	-2858 Sep 06 j 07:12	7°♌56'54	
direct	-2858 Sep 09 j 01:47	7°♌12'37	
morning max el	-2858 Sep 16 j 00:16	11°♌07'11	19°00'46
	-2858 Sep 29 j 15:07	0°♍	
morning set	-2858 Oct 08 j 02:29	13°♍18'56	
desc. node	-2858 Oct 17 j 23:12	28°♍50'25	
	-2858 Oct 18 j 16:54	0°♎	
max. Earth dist.	-2858 Oct 23 j 03:34	6°♎59'53	1.44773 AU
superior conj	-2858 Oct 24 j 14:10	9°♎16'24	0°-41'-33
minimum elong	-2858 Oct 24 j 08:56	8°♎55'42	0°40'56
	-2858 Nov 06 j 13:36	0°♏	
evening rise	-2858 Nov 08 j 23:12	3°♏53'34	
	-2858 Nov 25 j 14:47	0°♐	
evening max el	-2858 Nov 29 j 09:54	4°♐33'56	18°42'13
asc. node	-2858 Dec 03 j 06:17	7°♐35'17	
retrograde	-2858 Dec 06 j 02:58	8°♐19'51	
evening set	-2858 Dec 09 j 03:36	7°♐28'01	
inferior conj	-2858 Dec 15 j 01:02	1°♐46'13	3°19'50
minimum elong	-2858 Dec 14 j 22:03	1°♐55'11	3°19'05
	-2858 Dec 16 j 12:16	30°♑℞	
min. Earth dist.	-2858 Dec 16 j 20:19	29°♏36'07	0.64937 AU
morning rise	-2858 Dec 20 j 15:25	25°♏38'50	
direct	-2858 Dec 27 j 08:38	22°♏48'25	
	-2857 Jan 09 j 03:00	0°♐	
morning max el	-2857 Jan 09 j 14:05	0°♐27'20	27°03'22
desc. node	-2857 Jan 13 j 22:38	5°♐10'48	
	-2857 Jan 31 j 14:07	0°♑	
morning set	-2857 Feb 14 j 04:01	24°♑03'03	
	-2857 Feb 17 j 04:39	0°♒	
max. Earth dist.	-2857 Feb 18 j 19:01	3°♒13'22	1.34191 AU
superior conj	-2857 Feb 22 j 11:09	10°♒48'35	-1°-5'-45
minimum elong	-2857 Feb 22 j 13:58	11°♒03'24	1°05'20
asc. node	-2857 Mar 01 j 05:38	25°♒05'42	
evening rise	-2857 Mar 01 j 21:40	26°♒29'22	
	-2857 Mar 03 j 14:31	0°♓	
evening max el	-2857 Mar 22 j 05:31	29°♓06'30	21°39'23
	-2857 Mar 23 j 04:46	0°♈	
retrograde	-2857 Apr 03 j 11:27	5°♈02'07	
evening set	-2857 Apr 06 j 01:50	4°♈46'53	
desc. node	-2857 Apr 11 j 21:35	2°♈39'07	
inferior conj	-2857 Apr 15 j 09:59	0°♈44'44	0°-58'-51
minimum elong	-2857 Apr 15 j 07:14	0°♈48'36	0°57'55
min. Earth dist.	-2857 Apr 15 j 09:07	0°♈45'56	0.55126 AU
	-2857 Apr 16 j 18:01	30°♓℞	
morning rise	-2857 Apr 24 j 13:17	26°♓44'52	
direct	-2857 Apr 27 j 10:56	26°♓26'19	
	-2857 May 07 j 01:25	0°♈	
morning max el	-2857 May 09 j 18:51	2°♈16'55	21°51'19
asc. node	-2857 May 28 j 05:05	0°♉21'29	
	-2857 May 28 j 00:47	0°♉	
morning set	-2857 May 30 j 14:45	5°♉15'59	
superior conj	-2857 Jun 06 j 23:34	20°♉45'17	1°26'30
minimum elong	-2857 Jun 06 j 20:57	20°♉31'38	1°26'16
max. Earth dist.	-2857 Jun 10 j 10:59	27°♉56'01	1.34779 AU
	-2857 Jun 11 j 11:29	0°♊	
evening rise	-2857 Jun 15 j 03:31	7°♊13'44	
	-2857 Jun 28 j 00:42	0°♋	
desc. node	-2857 Jul 08 j 20:38	16°♋01'44	
evening max el	-2857 Jul 20 j 04:04	29°♋17'05	26°57'07
	-2857 Jul 20 j 22:10	0°♌	
retrograde	-2857 Aug 02 j 07:57	6°♌36'30	
evening set	-2857 Aug 09 j 03:37	3°♌49'56	
	-2857 Aug 12 j 23:29	30°♋℞	
min. Earth dist.	-2857 Aug 13 j 01:15	29°♋54'57	0.65417 AU
inferior conj	-2857 Aug 14 j 22:45	27°♋42'52	-2°-51'-35
minimum elong	-2857 Aug 15 j 02:32	27°♋31'55	2°50'19
morning rise	-2857 Aug 21 j 02:41	22°♋02'29	
direct	-2857 Aug 23 j 22:28	21°♋18'39	
asc. node	-2857 Aug 24 j 04:17	21°♋18'58	
morning max el	-2857 Aug 30 j 12:36	24°♋54'48	18°21'40
	-2857 Sep 03 j 17:36	0°♌	
morning set	-2857 Sep 18 j 16:12	23°♌34'30	
	-2857 Sep 22 j 14:40	0°♍	
superior conj	-2857 Oct 03 j 14:14	17°♍36'14	0°08'00
minimum elong	-2857 Oct 03 j 15:16	17°♍40'18	0°07'53
behind sun begin	-2857 Oct 03 j 05:24	17°♍01'13	
behind sun end	-2857 Oct 04 j 01:08	18°♍19'21	
desc. node	-2857 Oct 04 j 20:08	19°♍34'26	
max. Earth dist.	-2857 Oct 05 j 22:04	21°♍16'42	1.44821 AU
	-2857 Oct 11 j 11:13	0°♎	
evening rise	-2857 Oct 20 j 03:31	13°♎35'55	
	-2857 Oct 30 j 16:05	0°♏	
greatest brilliancy	-2857 Nov 03 j 13:14	5°♏52'39	-0.7m
evening max el	-2857 Nov 12 j 18:32	17°♏59'58	19°25'27
retrograde	-2857 Nov 19 j 23:08	22°♏09'28	
asc. node	-2857 Nov 20 j 03:21	22°♏09'17	
evening set	-2857 Nov 23 j 06:40	21°♏05'19	
inferior conj	-2857 Nov 28 j 22:25	15°♏08'33	2°42'27
minimum elong	-2857 Nov 28 j 19:26	15°♏18'10	2°41'29
min. Earth dist.	-2857 Nov 30 j 03:46	13°♏33'56	0.66082 AU
morning rise	-2857 Dec 04 j 07:25	8°♏55'27	
direct	-2857 Dec 10 j 12:16	6°♏13'06	
morning max el	-2857 Dec 22 j 23:38	13°♏34'08	26°01'33
desc. node	-2857 Dec 31 j 19:40	23°♏50'42	
	-2856 Jan 05 j 09:08	0°♐	
	-2856 Jan 24 j 07:18	0°♑	
morning set	-2856 Jan 28 j 03:55	6°♑59'09	
max. Earth dist.	-2856 Feb 01 j 04:03	14°♑33'57	1.35609 AU
superior conj	-2856 Feb 06 j 07:32	24°♑46'03	-1°-27'-45
minimum elong	-2856 Feb 06 j 10:52	25°♑02'57	1°27'25
	-2856 Feb 08 j 20:59	0°♒	
evening rise	-2856 Feb 14 j 04:39	10°♒57'43	
asc. node	-2856 Feb 16 j 02:39	14°♒50'44	
	-2856 Feb 24 j 09:13	0°♓	
evening max el	-2856 Mar 03 j 11:19	10°♓24'49	20°19'19
retrograde	-2856 Mar 14 j 02:04	15°♓28'17	
evening set	-2856 Mar 16 j 08:08	15°♓15'35	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2856 Mar 25 j 06:40	11°♓17'05	0°58'05
minimum elong	-2856 Mar 25 j 09:12	11°♓13'20	0°57'11
min. Earth dist.	-2856 Mar 26 j 23:13	10°♓17'09	0.55438 AU
desc. node	-2856 Mar 28 j 18:41	9°♓15'29	
morning rise	-2856 Apr 03 j 07:57	6°♓55'27	
direct	-2856 Apr 07 j 00:12	6°♓25'57	
morning max el	-2856 Apr 20 j 13:54	13°♓06'09	23°29'09
	-2856 May 03 j 10:38	0°♈	
morning set	-2856 May 14 j 02:18	20°♈14'51	
asc. node	-2856 May 14 j 02:06	20°♈13'48	
	-2856 May 18 j 16:07	0°♉	
superior conj	-2856 May 21 j 05:48	5°♉31'29	1°08'34
minimum elong	-2856 May 21 j 03:18	5°♉18'06	1°08'12
max. Earth dist.	-2856 May 23 j 11:22	10°♉16'34	1.33677 AU
evening rise	-2856 May 28 j 20:12	21°♉19'30	
	-2856 Jun 02 j 07:50	0°♊	
	-2856 Jun 20 j 22:12	0°♋	
desc. node	-2856 Jun 24 j 17:40	4°♋54'56	
evening max el	-2856 Jul 01 j 14:53	12°♋29'19	27°23'09
retrograde	-2856 Jul 15 j 05:02	19°♋52'27	
evening set	-2856 Jul 22 j 08:08	17°♋09'37	
min. Earth dist.	-2856 Jul 25 j 23:50	13°♋50'08	0.64009 AU
inferior conj	-2856 Jul 28 j 11:08	11°♋13'42	-3°-35'-21
minimum elong	-2856 Jul 28 j 15:10	11°♋03'00	3°34'18
morning rise	-2856 Aug 04 j 00:04	5°♋50'11	
direct	-2856 Aug 06 j 14:56	5°♋15'34	
asc. node	-2856 Aug 10 j 01:22	6°♋15'07	
morning max el	-2856 Aug 13 j 03:30	8°♋41'55	17°59'50
	-2856 Aug 27 j 09:11	0°♌	
morning set	-2856 Aug 30 j 08:40	5°♌06'51	
superior conj	-2856 Sep 12 j 05:57	26°♌45'30	0°52'48
minimum elong	-2856 Sep 12 j 11:10	27°♌06'47	0°52'13
	-2856 Sep 14 j 05:50	0°♍	
max. Earth dist.	-2856 Sep 17 j 14:50	5°♍25'19	1.44151 AU
desc. node	-2856 Sep 20 j 17:06	10°♍19'47	
evening rise	-2856 Sep 28 j 12:38	22°♍30'57	
	-2856 Oct 03 j 09:39	0°♎	
greatest brilliancy	-2856 Oct 19 j 12:17	23°♎39'22	-0.6m
	-2856 Oct 24 j 14:02	0°♏	
evening max el	-2856 Oct 25 j 22:09	1°♏26'37	20°23'44
retrograde	-2856 Nov 02 j 20:32	6°♏07'03	
asc. node	-2856 Nov 06 j 00:25	5°♏09'18	
evening set	-2856 Nov 06 j 13:08	4°♏48'09	
	-2856 Nov 11 j 01:01	30°℞♎	
inferior conj	-2856 Nov 12 j 00:58	28°♎39'56	1°57'56
minimum elong	-2856 Nov 11 j 22:31	28°♎48'11	1°57'01
min. Earth dist.	-2856 Nov 12 j 18:00	27°♎42'27	0.66874 AU
morning rise	-2856 Nov 17 j 07:22	22°♎23'39	
direct	-2856 Nov 22 j 21:27	19°♎57'48	
morning max el	-2856 Dec 04 j 08:14	26°♎47'14	24°42'23
	-2856 Dec 07 j 08:09	0°♏	
desc. node	-2856 Dec 17 j 16:40	13°♏12'05	
	-2856 Dec 29 j 00:19	0°♐	
morning set	-2855 Jan 09 j 08:36	18°♐53'32	
max. Earth dist.	-2855 Jan 13 j 02:42	25°♐37'52	1.37433 AU
	-2855 Jan 15 j 11:21	0°♑	
superior conj	-2855 Jan 19 j 17:36	8°♑08'05	-1°-45'-16
minimum elong	-2855 Jan 19 j 20:35	8°♑22'37	1°45'09
evening rise	-2855 Jan 28 j 06:08	25°♑03'23	
	-2855 Jan 30 j 18:15	0°♒	
asc. node	-2855 Feb 01 j 23:40	4°♒16'08	
evening max el	-2855 Feb 14 j 03:58	22°♒20'14	19°17'01
retrograde	-2855 Feb 23 j 03:23	26°♒37'13	
evening set	-2855 Feb 25 j 10:36	26°♒21'35	

inferior conj	-2855 Mar 05 j 16:35	22°♒12'08	2°33'33
minimum elong	-2855 Mar 05 j 21:25	22°♒04'01	2°32'13
min. Earth dist.	-2855 Mar 08 j 14:24	20°♒15'50	0.56621 AU
morning rise	-2855 Mar 14 j 04:22	17°♒19'41	
desc. node	-2855 Mar 15 j 15:47	16°♒51'53	
direct	-2855 Mar 19 j 00:52	16°♒25'14	
morning max el	-2855 Apr 02 j 04:48	23°♒39'47	25°07'03
	-2855 Apr 07 j 21:57	0°♓	
	-2855 Apr 26 j 01:10	0°♈	
morning set	-2855 Apr 28 j 14:27	5°♈16'21	
asc. node	-2855 Apr 30 j 23:07	10°♈17'44	
superior conj	-2855 May 05 j 15:38	20°♈28'30	0°47'23
minimum elong	-2855 May 05 j 13:42	20°♈17'59	0°47'01
max. Earth dist.	-2855 May 06 j 19:26	22°♈59'26	1.32948 AU
	-2855 May 10 j 01:54	0°♉	
evening rise	-2855 May 12 j 21:23	5°♉51'17	
	-2855 May 25 j 22:25	0°♊	
desc. node	-2855 Jun 11 j 14:45	22°♊51'28	
evening max el	-2855 Jun 13 j 23:05	25°♊13'38	27°18'41
	-2855 Jun 19 j 22:59	0°♋	
retrograde	-2855 Jun 27 j 19:52	2°♋35'28	
evening set	-2855 Jul 04 j 22:27	0°♋10'23	
	-2855 Jul 05 j 04:32	30°℞♊	
min. Earth dist.	-2855 Jul 08 j 12:36	27°♊17'45	0.62251 AU
inferior conj	-2855 Jul 11 j 12:38	24°♊28'33	-4°-8'-57
minimum elong	-2855 Jul 11 j 15:51	24°♊20'56	4°08'25
morning rise	-2855 Jul 18 j 11:47	19°♊24'42	
direct	-2855 Jul 21 j 00:01	18°♊56'40	
asc. node	-2855 Jul 27 j 22:26	22°♊32'24	
morning max el	-2855 Jul 27 j 18:12	22°♊21'57	17°56'14
	-2855 Aug 02 j 16:22	0°♋	
morning set	-2855 Aug 12 j 22:36	17°♋40'58	
	-2855 Aug 19 j 20:18	0°♌	
superior conj	-2855 Aug 24 j 00:33	7°♌14'38	1°24'49
minimum elong	-2855 Aug 24 j 05:37	7°♌36'16	1°24'24
max. Earth dist.	-2855 Aug 31 j 03:32	19°♌09'19	1.42862 AU
	-2855 Sep 06 j 22:00	0°♍	
evening rise	-2855 Sep 07 j 18:36	1°♍20'49	
desc. node	-2855 Sep 07 j 14:05	1°♍03'05	
	-2855 Sep 26 j 23:48	0°♎	
greatest brilliancy	-2855 Oct 03 j 19:54	9°♎08'34	-0.4m
evening max el	-2855 Oct 08 j 19:49	14°♎52'57	21°34'10
retrograde	-2855 Oct 17 j 17:04	20°♎09'31	
evening set	-2855 Oct 21 j 21:01	18°♎33'24	
asc. node	-2855 Oct 23 j 21:31	16°♎37'49	
inferior conj	-2855 Oct 27 j 06:32	12°♎17'14	1°08'32
minimum elong	-2855 Oct 27 j 05:00	12°♎22'31	1°07'54
min. Earth dist.	-2855 Oct 27 j 12:32	11°♎56'31	0.67340 AU
morning rise	-2855 Nov 01 j 12:40	6°♎00'33	
direct	-2855 Nov 06 j 11:25	3°♎55'42	
morning max el	-2855 Nov 16 j 17:29	10°♎02'38	23°15'46
greatest brilliancy	-2855 Nov 21 j 23:25	15°♎57'24	-0.3m
	-2855 Dec 02 j 11:05	0°♏	
desc. node	-2855 Dec 04 j 13:39	3°♏02'31	
morning set	-2855 Dec 21 j 11:43	29°♏29'09	
	-2855 Dec 21 j 19:06	0°♐	
max. Earth dist.	-2855 Dec 25 j 21:52	7°♐01'08	1.39501 AU
superior conj	-2854 Jan 02 j 13:09	20°♐42'58	-1°-55'-36
minimum elong	-2854 Jan 02 j 14:27	20°♐49'00	1°55'40
	-2854 Jan 07 j 11:27	0°♑	
evening rise	-2854 Jan 11 j 23:25	8°♑38'58	
asc. node	-2854 Jan 19 j 20:42	23°♑14'46	
	-2854 Jan 24 j 04:31	0°♒	
evening max el	-2854 Jan 28 j 05:47	4°♒48'24	18°34'29

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

retrograde	-2854 Feb 04 j 22:48	8°♒33'53	
evening set	-2854 Feb 07 j 09:34	8°♒12'28	
inferior conj	-2854 Feb 14 j 22:28	3°♒43'33	3°32'39
minimum elong	-2854 Feb 15 j 02:00	3°♒36'37	3°32'02
min. Earth dist.	-2854 Feb 18 j 07:51	1°♒06'09	0.58398 AU
	-2854 Feb 19 j 21:16	30°℞♉	
morning rise	-2854 Feb 22 j 14:45	28°♉23'48	
direct	-2854 Feb 28 j 14:45	26°♉52'54	
desc. node	-2854 Mar 02 j 12:51	27°♉02'09	
	-2854 Mar 09 j 12:42	0°♒	
morning max el	-2854 Mar 14 j 21:34	4°♒25'33	26°30'10
	-2854 Apr 02 j 12:45	0°♓	
morning set	-2854 Apr 13 j 01:34	20°♓14'45	
asc. node	-2854 Apr 17 j 20:09	0°♈28'46	
	-2854 Apr 17 j 14:52	0°♈	
superior conj	-2854 Apr 20 j 03:11	5°♈29'50	0°23'54
minimum elong	-2854 Apr 20 j 02:09	5°♈24'07	0°23'41
max. Earth dist.	-2854 Apr 20 j 08:02	5°♈56'20	1.32569 AU
evening rise	-2854 Apr 27 j 04:14	20°♈39'41	
	-2854 May 01 j 19:28	0°♉	
	-2854 May 20 j 11:53	0°♊	
evening max el	-2854 May 27 j 02:17	7°♊19'25	26°41'16
desc. node	-2854 May 29 j 11:49	9°♊27'42	
retrograde	-2854 Jun 10 j 02:54	14°♊37'34	
evening set	-2854 Jun 16 j 18:18	12°♊43'32	
min. Earth dist.	-2854 Jun 20 j 15:43	10°♊03'25	0.60256 AU
inferior conj	-2854 Jun 23 j 23:49	7°♊19'05	-4°-25'-56
minimum elong	-2854 Jun 24 j 00:41	7°♊17'16	4°25'51
morning rise	-2854 Jul 01 j 10:20	2°♊37'06	
direct	-2854 Jul 03 j 21:49	2°♊13'49	
morning max el	-2854 Jul 11 j 05:52	5°♊47'48	18°11'50
asc. node	-2854 Jul 14 j 19:30	9°♊55'30	
	-2854 Jul 26 j 15:12	0°♋	
morning set	-2854 Jul 27 j 04:31	1°♋02'33	
superior conj	-2854 Aug 05 j 21:26	19°♋02'32	1°42'45
minimum elong	-2854 Aug 06 j 00:10	19°♋14'48	1°42'41
	-2854 Aug 12 j 03:00	0°♌	
max. Earth dist.	-2854 Aug 13 j 11:06	2°♌16'44	1.41123 AU
evening rise	-2854 Aug 18 j 16:24	10°♌56'36	
desc. node	-2854 Aug 25 j 11:06	21°♌41'11	
	-2854 Aug 30 j 22:44	0°♍	
greatest brilliancy	-2854 Sep 16 j 11:45	22°♍43'56	-0.3m
evening max el	-2854 Sep 21 j 11:56	28°♍20'21	22°52'26
	-2854 Sep 23 j 05:36	0°♎	
retrograde	-2854 Oct 01 j 11:17	4°♎15'05	
evening set	-2854 Oct 06 j 04:36	2°♎19'54	
	-2854 Oct 08 j 11:53	30°℞♍	
asc. node	-2854 Oct 10 j 18:35	27°♍03'33	
inferior conj	-2854 Oct 11 j 13:17	25°♍59'17	0°16'04
minimum elong	-2854 Oct 11 j 12:55	26°♍00'35	0°15'55
transit middle	-2854 Oct 11 j 12:55	26°♍00'35	0°15'55
transit begin	-2854 Oct 11 j 12:17	26°♍02'43	
transit end	-2854 Oct 11 j 13:32	25°♍58'27	
min. Earth dist.	-2854 Oct 11 j 08:55	26°♍14'20	0.67498 AU
morning rise	-2854 Oct 16 j 21:10	19°♍45'05	
direct	-2854 Oct 21 j 05:18	18°♍02'19	
morning max el	-2854 Oct 30 j 06:51	23°♍24'05	21°50'49
greatest brilliancy	-2854 Nov 04 j 04:04	28°♍57'47	-0.4m
	-2854 Nov 04 j 23:56	0°♎	
desc. node	-2854 Nov 21 j 10:40	23°♎14'03	
	-2854 Nov 25 j 21:05	0°♏	
morning set	-2854 Dec 01 j 09:55	8°♏41'15	
max. Earth dist.	-2854 Dec 07 j 21:40	19°♏15'17	1.41539 AU
	-2854 Dec 14 j 05:20	0°♐	
superior conj	-2854 Dec 15 j 12:53	2°♐17'41	-1°-55'-7
minimum elong	-2854 Dec 15 j 10:52	2°♐08'53	1°55'08
evening rise	-2854 Dec 26 j 05:15	21°♐37'41	
	-2854 Dec 30 j 18:57	0°♑	
asc. node	-2853 Jan 06 j 17:46	11°♑38'08	
evening max el	-2853 Jan 11 j 14:02	17°♑41'16	18°11'57
retrograde	-2853 Jan 18 j 12:14	21°♑11'11	
evening set	-2853 Jan 21 j 02:11	20°♑42'45	
inferior conj	-2853 Jan 28 j 00:26	15°♑51'41	3°57'30
minimum elong	-2853 Jan 28 j 01:20	15°♑49'38	3°57'23
min. Earth dist.	-2853 Jan 31 j 06:36	12°♑56'03	0.60422 AU
morning rise	-2853 Feb 03 j 21:39	10°♑11'56	
direct	-2853 Feb 10 j 15:49	8°♑03'35	
desc. node	-2853 Feb 17 j 09:56	9°♑59'42	
morning max el	-2853 Feb 24 j 20:11	15°♑45'26	27°25'01
	-2853 Mar 08 j 11:51	0°♒	
	-2853 Mar 25 j 22:15	0°♓	
morning set	-2853 Mar 28 j 09:48	5°♓02'39	
max. Earth dist.	-2853 Apr 03 j 21:13	18°♓52'51	1.32531 AU
superior conj	-2853 Apr 04 j 14:44	20°♓28'38	0°-1'-3
minimum elong	-2853 Apr 04 j 14:47	20°♓28'52	0°01'05
behind sun begin	-2853 Apr 04 j 09:46	20°♓01'26	
behind sun end	-2853 Apr 04 j 19:48	20°♓56'19	
asc. node	-2853 Apr 04 j 17:10	20°♓41'58	
	-2853 Apr 08 j 23:32	0°♈	
evening rise	-2853 Apr 11 j 14:25	5°♈35'37	
	-2853 Apr 24 j 14:25	0°♉	
evening max el	-2853 May 08 j 22:50	18°♉41'11	25°33'50
desc. node	-2853 May 16 j 08:55	24°♉10'37	
retrograde	-2853 May 23 j 00:23	25°♉53'23	
evening set	-2853 May 28 j 16:16	24°♉37'35	
min. Earth dist.	-2853 Jun 02 j 11:00	21°♉52'45	0.58231 AU
inferior conj	-2853 Jun 05 j 17:00	19°♉34'25	-4°-16'-56
minimum elong	-2853 Jun 05 j 14:09	19°♉39'30	4°16'38
morning rise	-2853 Jun 13 j 15:58	15°♉14'43	
direct	-2853 Jun 16 j 03:48	14°♉55'07	
morning max el	-2853 Jun 24 j 11:32	18°♉50'06	18°47'33
asc. node	-2853 Jul 01 j 16:33	28°♉09'13	
	-2853 Jul 02 j 19:35	0°♊	
morning set	-2853 Jul 10 j 21:53	14°♊58'53	
	-2853 Jul 18 j 15:16	0°♋	
superior conj	-2853 Jul 19 j 15:07	1°♋53'25	1°48'42
minimum elong	-2853 Jul 19 j 15:23	1°♋54'42	1°48'47
max. Earth dist.	-2853 Jul 26 j 14:03	14°♋40'21	1.39163 AU
evening rise	-2853 Jul 30 j 15:16	21°♋43'49	
	-2853 Aug 04 j 14:18	0°♌	
desc. node	-2853 Aug 12 j 08:08	12°♌09'12	
	-2853 Aug 24 j 22:26	0°♍	
evening max el	-2853 Sep 04 j 00:08	11°♍49'37	24°12'53
retrograde	-2853 Sep 15 j 02:05	18°♍20'10	
evening set	-2853 Sep 20 j 10:07	16°♍05'38	
min. Earth dist.	-2853 Sep 25 j 04:45	10°♍33'53	0.67340 AU
inferior conj	-2853 Sep 25 j 19:29	9°♍44'07	0°-37'-50
minimum elong	-2853 Sep 25 j 20:23	9°♍41'04	0°37'27
asc. node	-2853 Sep 27 j 15:40	7°♍18'34	
morning rise	-2853 Oct 01 j 06:55	3°♍35'19	
direct	-2853 Oct 05 j 01:56	2°♍13'12	
morning max el	-2853 Oct 13 j 03:02	6°♍54'43	20°34'21
greatest brilliancy	-2853 Oct 19 j 09:19	14°♍23'32	-0.5m
	-2853 Oct 30 j 07:30	0°♎	
desc. node	-2853 Nov 08 j 07:41	13°♎40'35	
morning set	-2853 Nov 10 j 10:45	16°♎58'01	
	-2853 Nov 18 j 17:13	0°♏	
max. Earth dist.	-2853 Nov 20 j 05:02	2°♏23'56	1.43248 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2853 Nov 26 j 11:22	12°♏39'41	-1°-39'-46
minimum elong	-2853 Nov 26 j 05:22	12°♏14'46	1°39'23
	-2853 Dec 06 j 14:49	0°♐	
evening rise	-2853 Dec 08 j 19:42	3°♐51'47	
asc. node	-2853 Dec 24 j 14:48	29°♐15'50	
	-2853 Dec 25 j 06:21	0°♑	
evening max el	-2853 Dec 26 j 01:49	0°♑51'16	18°09'01
retrograde	-2852 Jan 01 j 15:32	4°♑19'08	
evening set	-2852 Jan 04 j 08:42	3°♑42'49	
	-2852 Jan 09 j 07:49	30°℞♐	
inferior conj	-2852 Jan 10 j 19:19	28°♐30'23	3°56'20
minimum elong	-2852 Jan 10 j 17:59	28°♐33'51	3°56'09
min. Earth dist.	-2852 Jan 13 j 13:56	25°♐39'34	0.62391 AU
morning rise	-2852 Jan 17 j 01:13	22°♐36'45	
direct	-2852 Jan 24 j 02:08	20°♐00'16	
desc. node	-2852 Feb 04 j 07:00	25°♐15'20	
morning max el	-2852 Feb 07 j 01:00	27°♐46'54	27°44'09
	-2852 Feb 09 j 04:32	0°♑	
	-2852 Mar 01 j 04:00	0°♒	
morning set	-2852 Mar 11 j 13:03	19°♒32'46	
	-2852 Mar 16 j 13:22	0°♓	
max. Earth dist.	-2852 Mar 17 j 07:02	1°♓34'35	1.32853 AU
superior conj	-2852 Mar 19 j 00:39	5°♓19'04	0°-26'-39
minimum elong	-2852 Mar 19 j 01:52	5°♓25'39	0°26'25
asc. node	-2852 Mar 21 j 14:13	10°♓53'10	
evening rise	-2852 Mar 26 j 02:03	20°♓32'12	
	-2852 Mar 30 j 17:28	0°♈	
evening max el	-2852 Apr 19 j 14:37	29°♈29'46	24°05'55
	-2852 Apr 20 j 03:26	0°♉	
desc. node	-2852 May 02 j 05:58	6°♉23'22	
retrograde	-2852 May 03 j 10:29	6°♉26'36	
evening set	-2852 May 07 j 17:54	5°♉45'13	
min. Earth dist.	-2852 May 14 j 02:04	2°♉40'38	0.56485 AU
inferior conj	-2852 May 16 j 13:59	1°♉07'33	-3°-31'-6
minimum elong	-2852 May 16 j 07:59	1°♉16'55	3°29'45
	-2852 May 18 j 10:06	30°℞♈	
morning rise	-2852 May 25 j 02:02	27°♈05'35	
direct	-2852 May 27 j 14:34	26°♈48'50	
	-2852 Jun 04 j 19:13	0°♉	
morning max el	-2852 Jun 06 j 08:30	1°♉19'48	19°43'52
asc. node	-2852 Jun 17 j 13:37	17°♉01'50	
morning set	-2852 Jun 23 j 23:21	29°♉21'27	
	-2852 Jun 24 j 07:02	0°♊	
superior conj	-2852 Jul 02 j 00:03	15°♊31'47	1°45'20
minimum elong	-2852 Jul 01 j 22:34	15°♊24'27	1°45'21
max. Earth dist.	-2852 Jul 07 j 16:50	26°♊32'13	1.37244 AU
	-2852 Jul 09 j 13:34	0°♋	
evening rise	-2852 Jul 11 j 14:48	3°♋43'44	
	-2852 Jul 27 j 14:50	0°♌	
desc. node	-2852 Jul 29 j 05:09	2°♌21'45	
evening max el	-2852 Aug 16 j 10:56	25°♌21'32	25°28'15
	-2852 Aug 22 j 00:41	0°♍	
retrograde	-2852 Aug 28 j 12:43	2°♍19'52	
evening set	-2852 Sep 03 j 11:43	29°♌48'16	
	-2852 Sep 03 j 06:10	30°℞♌	
min. Earth dist.	-2852 Sep 07 j 21:37	24°♌52'49	0.66864 AU
inferior conj	-2852 Sep 08 j 23:22	23°♌29'26	-1°-31'-39
minimum elong	-2852 Sep 09 j 01:33	23°♌22'22	1°30'45
asc. node	-2852 Sep 13 j 12:45	18°♌19'53	
morning rise	-2852 Sep 14 j 15:58	17°♌29'02	
direct	-2852 Sep 18 j 00:04	16°♌24'33	
morning max el	-2852 Sep 25 j 06:32	20°♌34'01	19°30'33
	-2852 Oct 02 j 18:37	0°♍	
greatest brilliancy	-2852 Oct 04 j 07:20	2°♍11'53	-0.7m
morning set	-2852 Oct 19 j 11:29	25°♍21'49	
	-2852 Oct 22 j 10:55	0°♎	
desc. node	-2852 Oct 25 j 04:40	4°♎16'45	
max. Earth dist.	-2852 Nov 01 j 18:35	16°♎12'05	1.44407 AU
superior conj	-2852 Nov 05 j 06:39	21°♎46'35	-1°-7'-9
minimum elong	-2852 Nov 04 j 23:27	21°♎17'49	1°06'24
	-2852 Nov 10 j 09:08	0°♏	
evening rise	-2852 Nov 19 j 14:03	15°♏11'07	
	-2852 Nov 28 j 11:49	0°♐	
evening max el	-2852 Dec 08 j 14:22	14°♐11'19	18°24'57
asc. node	-2852 Dec 10 j 11:51	15°♐54'06	
retrograde	-2852 Dec 15 j 04:08	17°♐47'56	
evening set	-2852 Dec 18 j 01:31	17°♐02'26	
inferior conj	-2852 Dec 24 j 03:09	11°♐30'47	3°36'56
minimum elong	-2852 Dec 24 j 00:30	11°♐38'21	3°36'24
min. Earth dist.	-2852 Dec 26 j 07:06	9°♐02'21	0.64109 AU
morning rise	-2852 Dec 29 j 22:03	5°♐27'28	
direct	-2851 Jan 05 j 20:13	2°♐37'33	
morning max el	-2851 Jan 19 j 09:34	10°♐22'37	27°27'19
desc. node	-2851 Jan 21 j 04:03	12°♐12'07	
	-2851 Feb 03 j 22:01	0°♑	
	-2851 Feb 21 j 12:22	0°♒	
morning set	-2851 Feb 23 j 08:37	3°♒35'25	
max. Earth dist.	-2851 Feb 28 j 09:20	13°♒47'24	1.33575 AU
superior conj	-2851 Mar 03 j 07:05	19°♒54'31	0°-51'-52
minimum elong	-2851 Mar 03 j 09:24	20°♒06'48	0°51'30
asc. node	-2851 Mar 08 j 11:14	0°♓57'42	
	-2851 Mar 08 j 00:24	0°♓	
evening rise	-2851 Mar 10 j 13:19	5°♓22'26	
	-2851 Mar 24 j 00:06	0°♈	
evening max el	-2851 Apr 01 j 07:27	10°♈10'32	22°31'27
retrograde	-2851 Apr 14 j 08:05	16°♈33'23	
evening set	-2851 Apr 17 j 09:24	16°♈12'54	
desc. node	-2851 Apr 19 j 03:01	15°♈44'10	
min. Earth dist.	-2851 Apr 25 j 16:02	12°♈36'42	0.55368 AU
inferior conj	-2851 Apr 26 j 17:09	12°♈00'53	-2°-3'-35
minimum elong	-2851 Apr 26 j 11:52	12°♈08'25	2°01'54
morning rise	-2851 May 05 j 16:32	8°♈04'46	
direct	-2851 May 08 j 08:32	7°♈48'22	
morning max el	-2851 May 19 j 18:48	13°♈08'56	21°00'00
	-2851 Jun 01 j 00:25	0°♉	
asc. node	-2851 Jun 04 j 10:40	6°♉23'41	
morning set	-2851 Jun 08 j 06:22	14°♉03'17	
superior conj	-2851 Jun 15 j 19:48	29°♉44'33	1°34'57
minimum elong	-2851 Jun 15 j 17:23	29°♉32'10	1°34'48
	-2851 Jun 15 j 22:48	0°♊	
max. Earth dist.	-2851 Jun 20 j 01:56	8°♊20'28	1.35575 AU
evening rise	-2851 Jun 24 j 10:16	16°♊44'20	
	-2851 Jul 01 j 19:27	0°♋	
desc. node	-2851 Jul 16 j 02:09	22°♋11'59	
	-2851 Jul 21 j 23:28	0°♌	
evening max el	-2851 Jul 29 j 22:11	8°♌53'59	26°30'31
retrograde	-2851 Aug 11 j 18:27	16°♌08'51	
evening set	-2851 Aug 18 j 07:16	13°♌25'35	
min. Earth dist.	-2851 Aug 22 j 09:11	9°♌08'16	0.66046 AU
inferior conj	-2851 Aug 23 j 23:03	7°♌13'07	-2°-23'-31
minimum elong	-2851 Aug 24 j 02:21	7°♌03'05	2°22'17
morning rise	-2851 Aug 29 j 22:24	1°♌24'14	
asc. node	-2851 Aug 31 j 09:50	0°♌46'42	
direct	-2851 Sep 01 j 21:56	0°♌33'51	
morning max el	-2851 Sep 08 j 16:13	4°♌19'56	18°42'01
	-2851 Sep 26 j 08:34	0°♍	
morning set	-2851 Sep 29 j 09:18	4°♍51'01	
desc. node	-2851 Oct 12 j 01:39	24°♍59'10	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2851 Oct 15 j 07:57	0°♎07'33	0°-20'-47
minimum elong	-2851 Oct 15 j 05:12	29°♍56'44	0°20'25
	-2851 Oct 15 j 06:02	0°♎	
max. Earth dist.	-2851 Oct 15 j 11:54	0°♎23'09	1.44884 AU
evening rise	-2851 Oct 31 j 08:26	25°♎28'55	
	-2851 Nov 03 j 04:17	0°♏	
evening max el	-2851 Nov 22 j 01:09	27°♏36'50	18°58'39
	-2851 Nov 24 j 18:37	0°♐	
asc. node	-2851 Nov 27 j 08:54	1°♐18'03	
retrograde	-2851 Nov 28 j 22:20	1°♐31'37	
evening set	-2851 Dec 02 j 01:38	0°♐34'56	
	-2851 Dec 02 j 22:19	30°℞♏	
inferior conj	-2851 Dec 07 j 20:27	24°♏46'38	3°04'58
minimum elong	-2851 Dec 07 j 17:23	24°♏56'09	3°04'06
min. Earth dist.	-2851 Dec 09 j 09:43	22°♏50'57	0.65477 AU
morning rise	-2851 Dec 13 j 08:10	18°♏36'35	
direct	-2851 Dec 19 j 20:44	15°♏47'55	
morning max el	-2850 Jan 01 j 19:06	23°♏20'55	26°39'36
	-2850 Jan 07 j 18:15	0°♐	
desc. node	-2850 Jan 08 j 01:06	0°♐20'56	
	-2850 Jan 28 j 05:24	0°♑	
morning set	-2850 Feb 06 j 16:59	16°♑59'40	
max. Earth dist.	-2850 Feb 11 j 00:52	25°♑24'56	1.34740 AU
	-2850 Feb 13 j 07:29	0°♒	
superior conj	-2850 Feb 15 j 07:55	4°♒08'24	-1°-15'-30
minimum elong	-2850 Feb 15 j 11:02	4°♒24'31	1°15'07
evening rise	-2850 Feb 22 j 22:25	20°♒00'40	
asc. node	-2850 Feb 23 j 08:14	20°♒51'19	
	-2850 Feb 27 j 22:15	0°♓	
evening max el	-2850 Mar 14 j 07:32	21°♓10'37	21°03'24
retrograde	-2850 Mar 25 j 21:24	26°♓43'34	
evening set	-2850 Mar 28 j 06:35	26°♓30'20	
desc. node	-2850 Apr 06 j 00:07	22°♓49'18	
inferior conj	-2850 Apr 06 j 12:04	22°♓32'22	0°-8'-22
minimum elong	-2850 Apr 06 j 11:41	22°♓32'55	0°08'16
transit middle	-2850 Apr 06 j 11:41	22°♓32'55	0°08'16
transit begin	-2850 Apr 06 j 08:11	22°♓37'52	
transit end	-2850 Apr 06 j 15:10	22°♓27'58	
min. Earth dist.	-2850 Apr 07 j 05:54	22°♓07'05	0.55142 AU
morning rise	-2850 Apr 15 j 15:57	18°♓24'56	
direct	-2850 Apr 18 j 20:15	18°♓02'56	
morning max el	-2850 May 01 j 18:25	24°♓16'21	22°32'09
	-2850 May 06 j 22:34	0°♈	
asc. node	-2850 May 22 j 07:42	26°♈06'41	
morning set	-2850 May 23 j 16:47	28°♈57'36	
	-2850 May 24 j 04:44	0°♉	
superior conj	-2850 May 30 j 22:56	14°♉20'44	1°19'22
minimum elong	-2850 May 30 j 20:19	14°♉06'49	1°19'03
max. Earth dist.	-2850 Jun 02 j 20:56	20°♉27'27	1.34261 AU
evening rise	-2850 Jun 07 j 20:27	0°♊30'08	
	-2850 Jun 07 j 14:18	0°♊	
	-2850 Jun 24 j 19:56	0°♋	
desc. node	-2850 Jul 02 j 23:10	11°♋29'45	
evening max el	-2850 Jul 12 j 09:49	22°♋17'45	27°11'47
retrograde	-2850 Jul 25 j 18:41	29°♋39'04	
evening set	-2850 Aug 01 j 18:09	26°♋52'56	
min. Earth dist.	-2850 Aug 05 j 13:05	23°♋13'26	0.64861 AU
inferior conj	-2850 Aug 07 j 16:17	20°♋50'17	-3°-11'-6
minimum elong	-2850 Aug 07 j 20:16	20°♋39'07	3°09'53
morning rise	-2850 Aug 13 j 23:51	15°♋16'23	
direct	-2850 Aug 16 j 17:18	14°♋36'43	
asc. node	-2850 Aug 18 j 06:55	14°♋49'49	
morning max el	-2850 Aug 23 j 05:53	18°♋07'45	18°10'11
	-2850 Aug 31 j 22:58	0°♌	
morning set	-2850 Sep 10 j 10:58	15°♌41'23	
	-2850 Sep 19 j 02:56	0°♍	
superior conj	-2850 Sep 24 j 12:19	8°♍41'55	0°28'14
minimum elong	-2850 Sep 24 j 15:40	8°♍55'20	0°27'49
max. Earth dist.	-2850 Sep 28 j 06:15	14°♍39'36	1.44629 AU
desc. node	-2850 Sep 28 j 22:37	15°♍44'17	
	-2850 Oct 08 j 01:07	0°♎	
evening rise	-2850 Oct 11 j 03:18	4°♎48'03	
	-2850 Oct 27 j 17:00	0°♏	
greatest brilliancy	-2850 Oct 28 j 14:19	1°♏16'21	-0.6m
evening max el	-2850 Nov 05 j 07:57	11°♏03'57	19°48'33
retrograde	-2850 Nov 12 j 19:13	15°♏25'16	
asc. node	-2850 Nov 14 j 05:58	15°♏13'09	
evening set	-2850 Nov 16 j 06:26	14°♏15'03	
inferior conj	-2850 Nov 21 j 20:19	8°♏13'07	2°24'16
minimum elong	-2850 Nov 21 j 17:31	8°♏22'23	2°23'17
min. Earth dist.	-2850 Nov 22 j 20:15	6°♏54'22	0.66471 AU
morning rise	-2850 Nov 27 j 03:56	1°♏58'37	
	-2850 Nov 30 j 03:34	30°℞♎	
direct	-2850 Dec 03 j 02:48	29°♎22'30	
	-2850 Dec 06 j 07:04	0°♏	
morning max el	-2850 Dec 15 j 04:04	6°♏30'49	25°29'19
desc. node	-2850 Dec 25 j 22:08	19°♏20'19	
	-2849 Jan 02 j 10:56	0°♐	
morning set	-2849 Jan 20 j 09:28	29°♐31'38	
	-2849 Jan 20 j 15:43	0°♑	
max. Earth dist.	-2849 Jan 24 j 05:05	6°♑35'44	1.36347 AU
superior conj	-2849 Jan 30 j 00:24	17°♑52'38	-1°-35'-53
minimum elong	-2849 Jan 30 j 03:43	18°♑09'10	1°35'38
	-2849 Feb 05 j 00:05	0°♒	
evening rise	-2849 Feb 07 j 03:23	4°♒20'45	
asc. node	-2849 Feb 10 j 05:15	10°♒29'07	
	-2849 Feb 22 j 04:25	0°♓	
evening max el	-2849 Feb 24 j 18:05	2°♓45'17	19°50'26
retrograde	-2849 Mar 06 j 15:05	7°♓27'18	
evening set	-2849 Mar 08 j 21:15	7°♓13'40	
inferior conj	-2849 Mar 17 j 13:06	3°♓11'50	1°42'36
minimum elong	-2849 Mar 17 j 17:07	3°♓05'35	1°41'18
min. Earth dist.	-2849 Mar 19 j 20:05	1°♓47'00	0.55850 AU
	-2849 Mar 23 j 00:40	30°℞♒	
desc. node	-2849 Mar 23 j 21:12	29°♒35'33	
morning rise	-2849 Mar 26 j 09:53	28°♒37'50	
direct	-2849 Mar 30 j 13:42	27°♒59'31	
	-2849 Apr 06 j 21:36	0°♓	
morning max el	-2849 Apr 13 j 10:52	4°♓55'42	24°11'44
	-2849 May 01 j 03:37	0°♈	
morning set	-2849 May 08 j 04:49	13°♈58'50	
asc. node	-2849 May 09 j 04:44	16°♈04'56	
superior conj	-2849 May 15 j 06:58	29°♈12'34	0°59'54
minimum elong	-2849 May 15 j 04:40	29°♈00'07	0°59'32
	-2849 May 15 j 15:46	0°♉	
max. Earth dist.	-2849 May 17 j 01:16	2°♉59'56	1.33324 AU
evening rise	-2849 May 22 j 17:11	14°♉48'34	
	-2849 May 30 j 16:24	0°♊	
desc. node	-2849 Jun 19 j 20:13	0°♋01'19	
	-2849 Jun 19 j 19:46	0°♋	
evening max el	-2849 Jun 24 j 19:58	5°♋20'08	27°25'14
retrograde	-2849 Jul 08 j 12:54	12°♋42'13	
evening set	-2849 Jul 15 j 17:06	10°♋05'12	
min. Earth dist.	-2849 Jul 19 j 07:28	6°♋58'40	0.63304 AU
inferior conj	-2849 Jul 22 j 00:26	4°♋15'17	-3°-51'-9
minimum elong	-2849 Jul 22 j 04:18	4°♋05'32	3°50'18
	-2849 Jul 26 j 20:38	30°℞♊	
morning rise	-2849 Jul 28 j 17:34	28°♊59'44	
direct	-2849 Jul 31 j 07:10	28°♊28'02	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2849 Aug 04 j 15:44	0°♋	
asc. node	-2849 Aug 05 j 04:00	0°♋22'18	
morning max el	-2849 Aug 06 j 21:01	1°♋52'29	17°56'04
morning set	-2849 Aug 23 j 13:16	27°♋42'09	
	-2849 Aug 24 j 20:46	0°♌	
superior conj	-2849 Sep 04 j 14:55	18°♌23'33	1°08'09
minimum elong	-2849 Sep 04 j 20:30	18°♌46'47	1°07'34
max. Earth dist.	-2849 Sep 10 j 22:10	28°♌41'59	1.43677 AU
	-2849 Sep 11 j 17:36	0°♍	
desc. node	-2849 Sep 15 j 19:36	6°♍29'12	
evening rise	-2849 Sep 20 j 08:42	13°♍34'54	
	-2849 Oct 01 j 04:09	0°♎	
greatest brilliancy	-2849 Oct 13 j 16:33	17°♎46'32	-0.5m
evening max el	-2849 Oct 19 j 09:06	24°♎30'34	20°52'22
retrograde	-2849 Oct 27 j 16:30	29°♎25'40	
evening set	-2849 Oct 31 j 13:46	27°♎59'29	
asc. node	-2849 Nov 01 j 03:03	27°♎33'02	
inferior conj	-2849 Nov 06 j 00:24	21°♎47'17	1°37'28
minimum elong	-2849 Nov 05 j 22:19	21°♎54'26	1°36'37
min. Earth dist.	-2849 Nov 06 j 12:32	21°♎05'54	0.67116 AU
morning rise	-2849 Nov 11 j 06:27	15°♎30'41	
direct	-2849 Nov 16 j 13:57	13°♎13'43	
morning max el	-2849 Nov 27 j 12:47	19°♎45'31	24°05'53
	-2849 Dec 06 j 06:13	0°♏	
desc. node	-2849 Dec 12 j 19:08	8°♏55'17	
	-2849 Dec 26 j 15:24	0°♐	
morning set	-2848 Jan 02 j 04:02	10°♐54'20	
max. Earth dist.	-2848 Jan 06 j 01:45	17°♐45'33	1.38301 AU
	-2848 Jan 12 j 17:04	0°♑	
superior conj	-2848 Jan 13 j 04:53	0°♑56'10	-1°-50'-44
minimum elong	-2848 Jan 13 j 07:21	1°♑07'55	1°50'42
evening rise	-2848 Jan 22 j 01:47	18°♑14'57	
asc. node	-2848 Jan 28 j 02:17	29°♑44'16	
	-2848 Jan 28 j 05:46	0°♒	
evening max el	-2848 Feb 07 j 14:51	14°♒55'07	18°56'23
retrograde	-2848 Feb 16 j 00:07	18°♒57'10	
evening set	-2848 Feb 18 j 08:43	18°♒39'20	
inferior conj	-2848 Feb 26 j 07:11	14°♒21'52	3°03'14
minimum elong	-2848 Feb 26 j 11:48	14°♒13'36	3°02'09
min. Earth dist.	-2848 Feb 29 j 11:50	12°♒05'51	0.57322 AU
morning rise	-2848 Mar 05 j 10:59	9°♒16'51	
desc. node	-2848 Mar 09 j 18:17	8°♒10'52	
direct	-2848 Mar 10 j 19:38	8°♒08'10	
morning max el	-2848 Mar 25 j 02:05	15°♒31'47	25°45'13
	-2848 Apr 05 j 17:33	0°♓	
morning set	-2848 Apr 21 j 16:45	28°♓59'54	
	-2848 Apr 22 j 04:10	0°♈	
asc. node	-2848 Apr 25 j 01:45	6°♈12'26	
superior conj	-2848 Apr 28 j 17:45	14°♈12'02	0°37'38
minimum elong	-2848 Apr 28 j 16:09	14°♈03'22	0°37'20
max. Earth dist.	-2848 Apr 29 j 11:45	15°♈50'16	1.32744 AU
evening rise	-2848 May 05 j 21:04	29°♈28'05	
	-2848 May 06 j 03:16	0°♉	
	-2848 May 22 j 20:52	0°♊	
desc. node	-2848 Jun 05 j 17:18	17°♊26'42	
evening max el	-2848 Jun 06 j 02:04	17°♊47'51	27°06'39
retrograde	-2848 Jun 20 j 00:33	25°♊08'38	
evening set	-2848 Jun 27 j 00:04	22°♊54'56	
min. Earth dist.	-2848 Jun 30 j 15:44	20°♊10'01	0.61421 AU
inferior conj	-2848 Jul 03 j 20:14	17°♊20'12	-4°-18'-40
minimum elong	-2848 Jul 03 j 22:40	17°♊14'46	4°18'23
morning rise	-2848 Jul 11 j 00:08	12°♊25'51	
direct	-2848 Jul 13 j 11:54	12°♊00'00	
morning max el	-2848 Jul 20 j 10:49	15°♊27'22	18°00'34
asc. node	-2848 Jul 22 j 01:04	17°♊09'11	
	-2848 Jul 30 j 13:27	0°♋	
morning set	-2848 Aug 05 j 10:35	10°♋37'35	
superior conj	-2848 Aug 15 j 21:14	29°♋27'46	1°34'03
minimum elong	-2848 Aug 16 j 01:25	29°♋46'03	1°33'48
	-2848 Aug 16 j 04:37	0°♌	
max. Earth dist.	-2848 Aug 23 j 08:39	12°♌11'22	1.42157 AU
evening rise	-2848 Aug 29 j 19:24	22°♌38'27	
desc. node	-2848 Sep 01 j 16:37	27°♌10'45	
	-2848 Sep 03 j 12:16	0°♍	
	-2848 Sep 24 j 08:57	0°♎	
greatest brilliancy	-2848 Sep 26 j 09:58	2°♎33'58	-0.3m
evening max el	-2848 Oct 01 j 04:09	7°♎56'55	22°06'45
retrograde	-2848 Oct 10 j 12:23	13°♎30'18	
evening set	-2848 Oct 14 j 21:46	11°♎46'08	
asc. node	-2848 Oct 18 j 00:08	8°♎30'31	
inferior conj	-2848 Oct 20 j 06:43	5°♎27'21	0°46'36
minimum elong	-2848 Oct 20 j 05:39	5°♎31'02	0°46'08
min. Earth dist.	-2848 Oct 20 j 08:13	5°♎22'11	0.67438 AU
	-2848 Oct 24 j 15:57	30°℞♍	
morning rise	-2848 Oct 25 j 13:21	29°♍11'17	
direct	-2848 Oct 30 j 05:37	27°♍16'05	
	-2848 Nov 05 j 13:59	0°♎	
morning max el	-2848 Nov 08 j 23:34	3°♎04'11	22°39'03
greatest brilliancy	-2848 Nov 13 j 16:26	8°♎21'12	-0.3m
desc. node	-2848 Nov 28 j 16:09	28°♎55'54	
	-2848 Nov 29 j 09:25	0°♏	
morning set	-2848 Dec 12 j 19:01	20°♏54'57	
max. Earth dist.	-2848 Dec 17 j 22:11	29°♏28'41	1.40387 AU
	-2848 Dec 18 j 05:32	0°♐	
superior conj	-2848 Dec 25 j 16:44	13°♐07'29	-1°-56'-58
minimum elong	-2848 Dec 25 j 16:50	13°♐07'54	1°57'03
	-2847 Jan 03 j 18:21	0°♑	
evening rise	-2847 Jan 04 j 14:44	1°♑36'28	
asc. node	-2847 Jan 13 j 23:20	18°♑29'25	
evening max el	-2847 Jan 20 j 19:45	27°♑34'59	18°22'24
	-2847 Jan 23 j 22:30	0°♒	
retrograde	-2847 Jan 28 j 03:37	1°♒12'15	
evening set	-2847 Jan 30 j 15:36	0°♒48'08	
	-2847 Feb 01 j 13:17	30°℞♑	
inferior conj	-2847 Feb 06 j 21:57	26°♑10'01	3°46'55
minimum elong	-2847 Feb 07 j 00:24	26°♑04'54	3°46'34
min. Earth dist.	-2847 Feb 10 j 07:30	23°♑21'34	0.59249 AU
morning rise	-2847 Feb 14 j 05:46	20°♑40'29	
direct	-2847 Feb 20 j 14:44	18°♑52'55	
desc. node	-2847 Feb 24 j 15:22	19°♑34'07	
morning max el	-2847 Mar 06 j 21:17	26°♑31'05	26°57'27
	-2847 Mar 10 j 04:40	0°♒	
	-2847 Mar 30 j 02:01	0°♓	
morning set	-2847 Apr 06 j 02:52	13°♓54'33	
asc. node	-2847 Apr 11 j 22:47	26°♓24'46	
superior conj	-2847 Apr 13 j 05:30	29°♓12'57	0°13'26
minimum elong	-2847 Apr 13 j 04:55	29°♓09'40	0°13'18
behind sun begin	-2847 Apr 13 j 02:12	28°♓54'52	
behind sun end	-2847 Apr 13 j 07:37	29°♓24'28	
max. Earth dist.	-2847 Apr 13 j 00:53	28°♓47'36	1.32509 AU
	-2847 Apr 13 j 14:06	0°♈	
evening rise	-2847 Apr 20 j 05:34	14°♈20'11	
	-2847 Apr 28 j 04:33	0°♉	
evening max el	-2847 May 19 j 02:15	29°♉33'39	26°15'46
	-2847 May 19 j 13:25	0°♊	
desc. node	-2847 May 23 j 14:22	3°♊18'37	
retrograde	-2847 Jun 02 j 04:10	6°♊50'43	
evening set	-2847 Jun 08 j 10:50	5°♊12'33	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

min. Earth dist.	-2847 Jun 12 j 15:14	2°♊32'23	0.59374 AU	
	-2847 Jun 15 j 22:10	30°℞♉		
inferior conj	-2847 Jun 16 j 00:05	29°♉56'14	-4°-26'00	
minimum elong	-2847 Jun 15 j 23:30	29°♉57'24	4°25'56	
morning rise	-2847 Jun 23 j 15:49	25°♉24'06		
direct	-2847 Jun 26 j 03:12	25°♉02'38		
morning max el	-2847 Jul 03 j 20:18	28°♉44'10	18°24'34	
	-2847 Jul 05 j 02:04	0°♊		
asc. node	-2847 Jul 08 j 22:09	4°♊55'09		
morning set	-2847 Jul 19 j 21:46	24°♊14'19		
	-2847 Jul 22 j 22:01	0°♋		
superior conj	-2847 Jul 29 j 03:37	11°♋43'51	1°46'35	
minimum elong	-2847 Jul 29 j 05:14	11°♋51'20	1°46'37	
max. Earth dist.	-2847 Aug 05 j 13:17	24°♋57'00	1.40289 AU	
	-2847 Aug 08 j 12:23	0°♌		
evening rise	-2847 Aug 10 j 03:16	2°♌42'25		
desc. node	-2847 Aug 19 j 13:39	17°♌44'45		
	-2847 Aug 27 j 20:01	0°♍		
evening max el	-2847 Sep 13 j 18:13	21°♍24'18	23°26'56	
retrograde	-2847 Sep 24 j 05:20	27°♍35'34		
evening set	-2847 Sep 29 j 04:40	25°♍32'16		
min. Earth dist.	-2847 Oct 04 j 04:44	19°♍40'31	0.67458 AU	
inferior conj	-2847 Oct 04 j 13:26	19°♍10'42	0°-6'-41	
minimum elong	-2847 Oct 04 j 13:35	19°♍10'10	0°06'37	
transit middle	-2847 Oct 04 j 13:35	19°♍10'10	0°06'37	
transit begin	-2847 Oct 04 j 11:07	19°♍18'39		
transit end	-2847 Oct 04 j 16:04	19°♍01'41		
asc. node	-2847 Oct 04 j 21:13	18°♍44'01		
morning rise	-2847 Oct 09 j 22:35	12°♍58'10		
direct	-2847 Oct 14 j 00:52	11°♍24'23		
morning max el	-2847 Oct 22 j 15:31	16°♍28'43	21°16'58	
greatest brilliancy	-2847 Oct 27 j 23:58	22°♍40'57	-0.4m	
	-2847 Nov 02 j 10:55	0°♎		
desc. node	-2847 Nov 15 j 13:10	19°♎14'13		
morning set	-2847 Nov 22 j 06:14	29°♎37'20		
	-2847 Nov 22 j 12:00	0°♏		
max. Earth dist.	-2847 Nov 30 j 00:31	12°♏04'25	1.42319 AU	
superior conj	-2847 Dec 07 j 06:19	24°♏12'32	-1°-50'-38	
minimum elong	-2847 Dec 07 j 02:34	23°♏56'28	1°50'32	
	-2847 Dec 10 j 14:33	0°♐		
evening rise	-2847 Dec 18 j 14:31	14°♐16'51		
	-2847 Dec 27 j 12:24	0°♑		
asc. node	-2847 Dec 31 j 20:22	6°♑34'51		
evening max el	-2846 Jan 04 j 05:54	10°♑36'20	18°08'21	
retrograde	-2846 Jan 10 j 23:16	14°♑03'34		
evening set	-2846 Jan 13 j 14:33	13°♑31'55		
inferior conj	-2846 Jan 20 j 07:34	8°♑31'54	3°59'38	
minimum elong	-2846 Jan 20 j 07:24	8°♑32'16	3°59'32	
min. Earth dist.	-2846 Jan 23 j 09:40	5°♑35'30	0.61288 AU	
morning rise	-2846 Jan 26 j 21:45	2°♑45'44		
direct	-2846 Feb 02 j 20:21	0°♑23'26		
desc. node	-2846 Feb 11 j 12:26	3°♑34'32		
morning max el	-2846 Feb 16 j 22:32	8°♑08'08	27°37'31	
	-2846 Mar 05 j 16:30	0°♒		
morning set	-2846 Mar 21 j 09:16	28°♒35'52		
	-2846 Mar 22 j 01:35	0°♓		
max. Earth dist.	-2846 Mar 27 j 12:57	11°♓38'50	1.32622 AU	
superior conj	-2846 Mar 28 j 16:36	14°♓09'16	0°-11'-53	
minimum elong	-2846 Mar 28 j 17:09	14°♓12'13	0°11'48	
behind sun begin	-2846 Mar 28 j 13:45	13°♓53'41		
behind sun end	-2846 Mar 28 j 20:33	14°♓30'46		
asc. node	-2846 Mar 29 j 19:49	16°♓37'43		
evening rise	-2846 Apr 04 j 16:37	29°♓17'26		
	-2846 Apr 05 j 00:42	0°♈		
	-2846 Apr 21 j 21:32	0°♉		
evening max el	-2846 Apr 30 j 20:32	10°♉40'10	24°58'15	
desc. node	-2846 May 10 j 11:26	17°♉02'18		
retrograde	-2846 May 14 j 21:08	17°♉47'15		
evening set	-2846 May 19 j 23:31	16°♉47'38		
min. Earth dist.	-2846 May 25 j 08:39	13°♉55'43	0.57430 AU	
inferior conj	-2846 May 28 j 08:52	11°♉54'53	-4°-2'-37	
minimum elong	-2846 May 28 j 04:25	12°♉02'23	4°01'55	
morning rise	-2846 Jun 05 j 13:20	7°♉43'15		
direct	-2846 Jun 08 j 01:18	7°♉25'02		
morning max el	-2846 Jun 16 j 22:34	11°♉33'57	19°08'57	
asc. node	-2846 Jun 25 j 19:13	23°♉27'05		
	-2846 Jun 29 j 11:00	0°♊		
morning set	-2846 Jul 03 j 18:59	8°♊23'08		
superior conj	-2846 Jul 12 j 04:24	24°♊56'41	1°48'16	
minimum elong	-2846 Jul 12 j 03:49	24°♊53'54	1°48'20	
	-2846 Jul 14 j 19:51	0°♋		
max. Earth dist.	-2846 Jul 18 j 15:27	7°♋04'42	1.38327 AU	
evening rise	-2846 Jul 22 j 13:10	14°♋02'12		
	-2846 Aug 01 j 03:54	0°♌		
desc. node	-2846 Aug 06 j 10:39	8°♌06'56		
	-2846 Aug 22 j 16:25	0°♍		
evening max el	-2846 Aug 27 j 05:42	4°♍55'20	24°46'09	
retrograde	-2846 Sep 07 j 18:20	11°♍38'31		
evening set	-2846 Sep 13 j 08:42	9°♍16'35		
min. Earth dist.	-2846 Sep 17 j 23:38	3°♍59'49	0.67177 AU	
inferior conj	-2846 Sep 18 j 18:51	2°♍55'56	-1°00'-47	
minimum elong	-2846 Sep 18 j 20:18	2°♍51'06	1°00'10	
	-2846 Sep 21 j 01:45	30°℞♌		
asc. node	-2846 Sep 21 j 18:18	29°♌12'07		
morning rise	-2846 Sep 24 j 08:16	26°♌50'08		
direct	-2846 Sep 27 j 22:27	25°♌35'42		
morning max el	-2846 Oct 05 j 14:41	0°♍02'20	20°05'27	
	-2846 Oct 05 j 13:46	0°♍		
greatest brilliancy	-2846 Oct 12 j 19:18	8°♍52'42	-0.6m	
	-2846 Oct 27 j 02:19	0°♎		
morning set	-2846 Nov 01 j 03:49	7°♎47'28		
desc. node	-2846 Nov 02 j 10:10	9°♎45'04		
max. Earth dist.	-2846 Nov 12 j 10:44	25°♎31'35	1.43822 AU	
	-2846 Nov 15 j 05:32	0°♏		
superior conj	-2846 Nov 17 j 17:00	4°♏01'29	-1°-28'-2	
minimum elong	-2846 Nov 17 j 09:53	3°♏32'28	1°27'26	
evening rise	-2846 Nov 30 j 20:53	26°♏08'08		
	-2846 Dec 03 j 02:45	0°♐		
asc. node	-2846 Dec 18 j 17:25	23°♐49'02		
evening max el	-2846 Dec 18 j 18:23	23°♐51'30	18°13'34	
retrograde	-2846 Dec 25 j 06:58	27°♐21'28		
evening set	-2846 Dec 28 j 01:53	26°♐41'16		
inferior conj	-2845 Jan 03 j 08:23	21°♐20'19	3°49'54	
minimum elong	-2845 Jan 03 j 06:22	21°♐25'45	3°49'36	
min. Earth dist.	-2845 Jan 05 j 20:52	18°♐37'33	0.63167 AU	
morning rise	-2845 Jan 09 j 09:08	15°♐22'29		
direct	-2845 Jan 16 j 10:03	12°♐38'29		
desc. node	-2845 Jan 29 j 09:29	19°♐37'04		
morning max el	-2845 Jan 30 j 05:02	20°♐24'28	27°41'10	
	-2845 Feb 07 j 12:31	0°♑		
	-2845 Feb 26 j 15:42	0°♒		
morning set	-2845 Mar 05 j 09:36	12°♒55'22		
max. Earth dist.	-2845 Mar 10 j 20:07	24°♒10'05	1.33114 AU	
superior conj	-2845 Mar 13 j 01:17	28°♒54'15	0°-37'-26	
minimum elong	-2845 Mar 13 j 02:59	29°♒03'24	0°37'09	
	-2845 Mar 13 j 13:29	0°♓		
asc. node	-2845 Mar 16 j 16:48	6°♓46'36		
evening rise	-2845 Mar 20 j 04:19	14°♓12'28		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2845 Mar 28 j 04:44	0°♈	
evening max el	-2845 Apr 12 j 12:06	21°♈22'27	23°25'41
retrograde	-2845 Apr 26 j 01:20	28°♈06'31	
desc. node	-2845 Apr 27 j 08:30	28°♈02'45	
evening set	-2845 Apr 29 j 19:03	27°♈35'53	
min. Earth dist.	-2845 May 06 j 22:48	24°♈19'39	0.55920 AU
inferior conj	-2845 May 08 j 21:38	23°♈10'11	-2°-58'-47
minimum elong	-2845 May 08 j 15:19	23°♈19'37	2°57'05
morning rise	-2845 May 17 j 14:56	19°♈12'33	
direct	-2845 May 20 j 04:38	18°♈56'13	
morning max el	-2845 May 30 j 15:04	23°♈46'44	20°13'55
	-2845 Jun 05 j 00:21	0°♉	
asc. node	-2845 Jun 12 j 16:15	12°♉33'11	
morning set	-2845 Jun 17 j 23:07	22°♉54'58	
	-2845 Jun 21 j 10:14	0°♊	
superior conj	-2845 Jun 25 j 18:25	8°♊51'00	1°41'40
minimum elong	-2845 Jun 25 j 16:27	8°♊41'05	1°41'36
max. Earth dist.	-2845 Jun 30 j 20:41	18°♊53'20	1.36501 AU
evening rise	-2845 Jul 04 j 21:52	26°♊29'35	
	-2845 Jul 06 j 20:16	0°♋	
desc. node	-2845 Jul 24 j 07:40	28°♋10'49	
	-2845 Jul 25 j 14:18	0°♌	
evening max el	-2845 Aug 09 j 16:42	18°♌28'14	25°56'49
retrograde	-2845 Aug 22 j 02:43	25°♌34'08	
evening set	-2845 Aug 28 j 07:59	22°♌56'43	
min. Earth dist.	-2845 Sep 01 j 14:26	18°♌17'31	0.66564 AU
inferior conj	-2845 Sep 02 j 21:10	16°♌40'27	-1°-54'-2
minimum elong	-2845 Sep 02 j 23:52	16°♌31'57	1°52'57
morning rise	-2845 Sep 08 j 16:28	10°♌44'40	
asc. node	-2845 Sep 08 j 15:24	10°♌46'20	
direct	-2845 Sep 11 j 20:43	9°♌46'30	
morning max el	-2845 Sep 18 j 21:01	13°♌44'30	19°07'59
	-2845 Sep 30 j 20:40	0°♍	
morning set	-2845 Oct 11 j 11:43	16°♍34'26	
desc. node	-2845 Oct 20 j 07:10	0°♎24'12	
	-2845 Oct 20 j 01:00	0°♎	
max. Earth dist.	-2845 Oct 26 j 02:50	9°♎33'44	1.44698 AU
superior conj	-2845 Oct 28 j 02:35	12°♎42'23	0°-48'-38
minimum elong	-2845 Oct 27 j 20:38	12°♎18'51	0°47'56
	-2845 Nov 07 j 21:49	0°♏	
evening rise	-2845 Nov 12 j 05:22	7°♏01'57	
	-2845 Nov 26 j 13:55	0°♐	
evening max el	-2845 Dec 02 j 06:29	7°♐14'23	18°37'12
asc. node	-2845 Dec 05 j 14:27	9°♐57'49	
retrograde	-2845 Dec 08 j 22:29	10°♐57'43	
evening set	-2845 Dec 11 j 22:12	10°♐07'33	
inferior conj	-2845 Dec 17 j 20:39	4°♐28'12	3°24'40
minimum elong	-2845 Dec 17 j 17:44	4°♐36'52	3°23'59
min. Earth dist.	-2845 Dec 19 j 18:07	2°♐13'09	0.64730 AU
	-2845 Dec 21 j 18:18	30°♏	
morning rise	-2845 Dec 23 j 12:04	28°♏21'44	
direct	-2845 Dec 30 j 06:41	25°♏31'07	
	-2844 Jan 09 j 02:05	0°♐	
morning max el	-2844 Jan 12 j 14:29	3°♐12'02	27°10'32
desc. node	-2844 Jan 16 j 06:32	7°♐07'44	
	-2844 Feb 01 j 20:31	0°♑	
morning set	-2844 Feb 17 j 00:56	26°♑43'38	
	-2844 Feb 18 j 17:00	0°♒	
max. Earth dist.	-2844 Feb 21 j 18:33	6°♒10'19	1.34020 AU
superior conj	-2844 Feb 25 j 05:38	13°♒21'45	-1°-2'-9
minimum elong	-2844 Feb 25 j 08:21	13°♒35'58	1°01'46
asc. node	-2844 Mar 02 j 13:49	26°♒47'23	
evening rise	-2844 Mar 03 j 14:57	28°♒59'00	
	-2844 Mar 04 j 02:40	0°♓	

	-2844 Mar 22 j 05:26	0°♈	
evening max el	-2844 Mar 24 j 07:15	2°♈08'22	21°52'28
retrograde	-2844 Apr 05 j 18:31	8°♈11'37	
evening set	-2844 Apr 08 j 11:12	7°♈55'22	
desc. node	-2844 Apr 13 j 05:32	6°♈17'10	
inferior conj	-2844 Apr 17 j 19:42	3°♈50'59	-1°-16'-26
minimum elong	-2844 Apr 17 j 16:11	3°♈55'55	1°15'15
min. Earth dist.	-2844 Apr 17 j 12:21	4°♈01'18	0.55161 AU
	-2844 Apr 26 j 09:19	30°♓	
morning rise	-2844 Apr 26 j 22:17	29°♓52'45	
direct	-2844 Apr 29 j 18:05	29°♓35'01	
	-2844 May 03 j 00:41	0°♈	
morning max el	-2844 May 11 j 20:42	5°♈17'44	21°37'36
	-2844 May 28 j 12:00	0°♉	
asc. node	-2844 May 29 j 13:18	2°♉04'47	
morning set	-2844 Jun 01 j 07:50	7°♉42'59	
superior conj	-2844 Jun 08 j 17:43	23°♉14'59	1°28'53
minimum elong	-2844 Jun 08 j 15:09	23°♉01'34	1°28'39
	-2844 Jun 12 j 00:27	0°♊	
max. Earth dist.	-2844 Jun 12 j 09:54	0°♊47'48	1.34973 AU
evening rise	-2844 Jun 17 j 00:11	9°♊50'47	
	-2844 Jun 28 j 08:15	0°♋	
desc. node	-2844 Jul 10 j 04:41	17°♋48'25	
	-2844 Jul 20 j 05:32	0°♌	
evening max el	-2844 Jul 22 j 04:02	1°♌57'14	26°50'56
retrograde	-2844 Aug 04 j 06:08	9°♌16'00	
evening set	-2844 Aug 11 j 00:11	6°♌29'51	
min. Earth dist.	-2844 Aug 14 j 22:51	2°♌29'11	0.65592 AU
inferior conj	-2844 Aug 16 j 18:23	0°♌21'14	-2°-44'-25
minimum elong	-2844 Aug 16 j 22:02	0°♌10'27	2°43'09
	-2844 Aug 17 j 01:36	30°♋	
morning rise	-2844 Aug 22 j 21:06	24°♋38'38	
direct	-2844 Aug 25 j 17:44	23°♋53'17	
asc. node	-2844 Aug 25 j 12:30	23°♋53'33	
morning max el	-2844 Sep 01 j 08:47	27°♋31'47	18°26'24
	-2844 Sep 03 j 13:34	0°♌	
morning set	-2844 Sep 20 j 21:16	26°♌37'36	
	-2844 Sep 22 j 23:04	0°♍	
superior conj	-2844 Oct 06 j 02:12	21°♍00'09	0°00'32
minimum elong	-2844 Oct 06 j 02:16	21°♍00'22	0°00'32
behind sun begin	-2844 Oct 05 j 15:01	20°♍15'57	
behind sun end	-2844 Oct 06 j 13:30	21°♍44'46	
desc. node	-2844 Oct 06 j 04:10	21°♍07'56	
max. Earth dist.	-2844 Oct 07 j 21:00	23°♍48'56	1.44857 AU
	-2844 Oct 11 j 19:22	0°♎	
evening rise	-2844 Oct 22 j 13:14	16°♎52'51	
	-2844 Oct 30 j 21:45	0°♏	
greatest brilliancy	-2844 Nov 04 j 15:56	7°♏19'19	-0.7m
evening max el	-2844 Nov 14 j 15:42	20°♏39'55	19°18'03
asc. node	-2844 Nov 21 j 11:32	24°♏45'05	
retrograde	-2844 Nov 21 j 18:16	24°♏45'32	
evening set	-2844 Nov 25 j 00:35	23°♏43'27	
inferior conj	-2844 Nov 30 j 17:04	17°♏48'47	2°48'37
minimum elong	-2844 Nov 30 j 14:03	17°♏58'27	2°47'41
min. Earth dist.	-2844 Dec 02 j 00:26	16°♏08'32	0.65933 AU
morning rise	-2844 Dec 06 j 02:39	11°♏36'18	
direct	-2844 Dec 12 j 09:35	8°♏51'57	
morning max el	-2844 Dec 25 j 00:07	16°♏16'53	26°12'05
desc. node	-2843 Jan 02 j 03:34	25°♏39'50	
	-2843 Jan 05 j 10:27	0°♐	
	-2843 Jan 24 j 17:04	0°♑	
morning set	-2843 Jan 30 j 03:14	9°♑47'31	
max. Earth dist.	-2843 Feb 03 j 05:12	17°♑34'28	1.35368 AU
superior conj	-2843 Feb 08 j 03:16	27°♑23'35	-1°-24'-40

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2843 Feb 08 j 06:34	27°♉40'24	1°24'18
	-2843 Feb 09 j 09:50	0°♒	
evening rise	-2843 Feb 15 j 22:33	13°♒29'56	
asc. node	-2843 Feb 17 j 10:50	16°♒34'43	
	-2843 Feb 24 j 13:37	0°♓	
evening max el	-2843 Mar 06 j 11:32	13°♓21'42	20°30'13
retrograde	-2843 Mar 17 j 08:27	18°♓32'45	
evening set	-2843 Mar 19 j 14:53	18°♓20'08	
inferior conj	-2843 Mar 28 j 15:31	14°♓22'19	0°41'05
minimum elong	-2843 Mar 28 j 17:21	14°♓19'38	0°40'26
min. Earth dist.	-2843 Mar 30 j 02:33	13°♓31'12	0.55333 AU
desc. node	-2843 Mar 31 j 02:36	12°♓56'48	
morning rise	-2843 Apr 06 j 17:50	10°♓04'36	
direct	-2843 Apr 10 j 06:35	9°♓37'27	
morning max el	-2843 Apr 23 j 16:51	16°♓11'22	23°14'16
	-2843 May 04 j 14:43	0°♈	
asc. node	-2843 May 16 j 10:20	21°♈54'48	
morning set	-2843 May 16 j 19:10	22°♈40'53	
	-2843 May 20 j 05:55	0°♉	
superior conj	-2843 May 23 j 23:16	7°♉59'02	1°11'31
minimum elong	-2843 May 23 j 20:43	7°♉45'25	1°11'10
max. Earth dist.	-2843 May 26 j 08:51	13°♉04'24	1.33815 AU
evening rise	-2843 May 31 j 15:20	23°♉51'58	
	-2843 Jun 03 j 19:05	0°♊	
	-2843 Jun 21 j 22:37	0°♋	
desc. node	-2843 Jun 27 j 01:42	6°♋48'41	
evening max el	-2843 Jul 04 j 15:10	15°♋13'10	27°21'10
retrograde	-2843 Jul 18 j 04:13	22°♋36'14	
evening set	-2843 Jul 25 j 06:31	19°♋52'09	
min. Earth dist.	-2843 Jul 28 j 22:57	16°♋27'38	0.64238 AU
inferior conj	-2843 Jul 31 j 08:09	13°♋54'18	-3°-29'-17
minimum elong	-2843 Jul 31 j 12:12	13°♋43'23	3°28'11
morning rise	-2843 Aug 06 j 19:39	8°♋27'57	
direct	-2843 Aug 09 j 11:04	7°♋52'10	
asc. node	-2843 Aug 12 j 09:36	8°♋36'25	
morning max el	-2843 Aug 15 j 23:30	11°♋19'37	18°01'57
	-2843 Aug 28 j 17:21	0°♌	
morning set	-2843 Sep 02 j 10:07	7°♌59'55	
superior conj	-2843 Sep 15 j 14:35	29°♌59'28	0°46'44
minimum elong	-2843 Sep 15 j 19:28	0°♍19'16	0°46'10
	-2843 Sep 15 j 14:43	0°♍	
max. Earth dist.	-2843 Sep 20 j 14:10	7°♍59'43	1.44297 AU
desc. node	-2843 Sep 23 j 01:09	11°♍53'25	
evening rise	-2843 Oct 02 j 00:29	25°♍53'09	
	-2843 Oct 04 j 16:36	0°♎	
greatest brilliancy	-2843 Oct 22 j 03:14	25°♎53'03	-0.6m
	-2843 Oct 25 j 06:27	0°♏	
evening max el	-2843 Oct 28 j 20:13	4°♏06'43	20°14'13
retrograde	-2843 Nov 05 j 15:34	8°♏41'58	
asc. node	-2843 Nov 08 j 08:38	7°♏59'29	
evening set	-2843 Nov 09 j 06:42	7°♏25'27	
inferior conj	-2843 Nov 14 j 19:01	1°♏18'50	2°05'04
minimum elong	-2843 Nov 14 j 16:28	1°♏27'25	2°04'06
min. Earth dist.	-2843 Nov 15 j 13:50	0°♏15'44	0.66783 AU
	-2843 Nov 15 j 18:34	30°℞♎	
morning rise	-2843 Nov 20 j 01:39	25°♎02'55	
direct	-2843 Nov 25 j 18:05	22°♎34'06	
morning max el	-2843 Dec 07 j 08:44	29°♎28'49	24°54'47
	-2843 Dec 07 j 20:58	0°♏	
desc. node	-2843 Dec 20 j 00:37	14°♏55'41	
	-2843 Dec 30 j 07:13	0°♐	
morning set	-2842 Jan 12 j 11:09	21°♐51'43	
max. Earth dist.	-2842 Jan 16 j 04:55	28°♐37'51	1.37140 AU
	-2842 Jan 16 j 22:40	0°♑	

superior conj	-2842 Jan 22 j 15:07	10°♑51'21	-1°-43'-3
minimum elong	-2842 Jan 22 j 18:14	11°♑06'35	1°42'52
evening rise	-2842 Jan 31 j 01:00	27°♑39'01	
	-2842 Feb 01 j 05:17	0°♒	
asc. node	-2842 Feb 04 j 07:52	6°♒03'14	
evening max el	-2842 Feb 17 j 02:41	25°♒11'45	19°25'07
retrograde	-2842 Feb 26 j 07:22	29°♒34'37	
evening set	-2842 Feb 28 j 14:16	29°♒19'35	
inferior conj	-2842 Mar 08 j 22:52	25°♒12'33	2°21'18
minimum elong	-2842 Mar 09 j 03:37	25°♒04'45	2°19'56
min. Earth dist.	-2842 Mar 11 j 17:28	23°♒23'59	0.56398 AU
morning rise	-2842 Mar 17 j 13:14	20°♒24'53	
desc. node	-2842 Mar 17 j 23:42	20°♒16'09	
direct	-2842 Mar 22 j 05:27	19°♒34'59	
morning max el	-2842 Apr 05 j 07:55	26°♒45'21	24°53'04
	-2842 Apr 08 j 10:35	0°♓	
	-2842 Apr 27 j 12:54	0°♈	
morning set	-2842 May 01 j 07:20	7°♈42'25	
asc. node	-2842 May 03 j 07:20	11°♈57'16	
superior conj	-2842 May 08 j 08:41	22°♈54'52	0°50'46
minimum elong	-2842 May 08 j 06:39	22°♈43'46	0°50'25
max. Earth dist.	-2842 May 09 j 16:06	25°♈45'03	1.33034 AU
	-2842 May 11 j 15:36	0°♉	
evening rise	-2842 May 15 j 15:28	8°♉20'42	
	-2842 May 27 j 05:33	0°♊	
desc. node	-2842 Jun 13 j 22:46	24°♊55'08	
evening max el	-2842 Jun 17 j 00:05	28°♊02'55	27°21'29
	-2842 Jun 19 j 04:02	0°♋	
retrograde	-2842 Jun 30 j 19:57	5°♋24'40	
evening set	-2842 Jul 07 j 23:15	2°♋56'10	
min. Earth dist.	-2842 Jul 11 j 13:16	0°♋00'14	0.62533 AU
	-2842 Jul 11 j 13:23	30°℞♊	
inferior conj	-2842 Jul 14 j 11:31	27°♊12'10	-4°-4'-46
minimum elong	-2842 Jul 14 j 14:58	27°♊03'53	4°04'10
morning rise	-2842 Jul 21 j 09:04	22°♊05'04	
direct	-2842 Jul 23 j 21:36	21°♊36'08	
asc. node	-2842 Jul 30 j 06:40	24°♊42'22	
morning max el	-2842 Jul 30 j 14:24	25°♊00'58	17°55'34
	-2842 Aug 03 j 17:17	0°♋	
morning set	-2842 Aug 15 j 21:16	20°♋26'01	
	-2842 Aug 21 j 06:30	0°♌	
superior conj	-2842 Aug 27 j 05:01	10°♌16'09	1°20'53
minimum elong	-2842 Aug 27 j 10:19	10°♌38'35	1°20'26
max. Earth dist.	-2842 Sep 03 j 03:54	21°♌49'31	1.43093 AU
	-2842 Sep 08 j 06:13	0°♍	
desc. node	-2842 Sep 09 j 22:10	2°♍37'20	
evening rise	-2842 Sep 11 j 05:44	4°♍40'48	
	-2842 Sep 28 j 02:57	0°♎	
greatest brilliancy	-2842 Oct 06 j 15:34	11°♎36'47	-0.4m
evening max el	-2842 Oct 11 j 18:52	17°♎33'21	21°23'01
retrograde	-2842 Oct 20 j 12:20	22°♎43'59	
evening set	-2842 Oct 24 j 14:31	21°♎10'30	
asc. node	-2842 Oct 26 j 05:43	19°♎40'52	
inferior conj	-2842 Oct 30 j 00:16	14°♎55'19	1°16'17
minimum elong	-2842 Oct 29 j 22:35	15°♎01'07	1°15'34
min. Earth dist.	-2842 Oct 30 j 07:50	14°♎29'17	0.67297 AU
morning rise	-2842 Nov 04 j 06:20	8°♎38'40	
direct	-2842 Nov 09 j 07:23	6°♎30'34	
morning max el	-2842 Nov 19 j 17:43	12°♎43'50	23°28'44
greatest brilliancy	-2842 Nov 25 j 18:00	19°♎34'16	-0.2m
	-2842 Dec 03 j 14:24	0°♏	
desc. node	-2842 Dec 06 j 21:40	4°♏42'30	
	-2842 Dec 23 j 04:15	0°♐	
morning set	-2842 Dec 24 j 18:28	2°♐39'50	
max. Earth dist.	-2842 Dec 29 j 00:17	9°♐56'46	1.39188 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2841 Jan 05 j 13:11	23°♐34'13	-1°-54'-40
minimum elong	-2841 Jan 05 j 14:51	23°♐41'59	1°54'42
	-2841 Jan 08 j 22:53	0°♑	
evening rise	-2841 Jan 14 j 19:44	11°♑19'47	
asc. node	-2841 Jan 22 j 04:54	25°♑06'24	
	-2841 Jan 25 j 04:12	0°♒	
evening max el	-2841 Jan 31 j 03:19	7°♒35'31	18°39'34
retrograde	-2841 Feb 08 j 00:08	11°♒24'46	
evening set	-2841 Feb 10 j 10:23	11°♒04'17	
inferior conj	-2841 Feb 18 j 01:40	6°♒38'21	3°26'05
minimum elong	-2841 Feb 18 j 05:33	6°♒30'56	3°25'20
min. Earth dist.	-2841 Feb 21 j 10:18	4°♒05'56	0.58105 AU
morning rise	-2841 Feb 25 j 20:59	1°♒22'20	
	-2841 Mar 02 j 16:50	30°℞♑	
direct	-2841 Mar 03 j 17:17	29°♑57'24	
desc. node	-2841 Mar 04 j 20:47	0°♒00'40	
	-2841 Mar 04 j 17:49	0°♒	
morning max el	-2841 Mar 18 j 00:06	7°♒27'45	26°19'23
	-2841 Apr 03 j 19:27	0°♓	
morning set	-2841 Apr 15 j 18:45	22°♓41'52	
	-2841 Apr 19 j 04:53	0°♈	
asc. node	-2841 Apr 20 j 04:22	2°♈07'31	
superior conj	-2841 Apr 22 j 20:06	7°♈55'59	0°27'35
minimum elong	-2841 Apr 22 j 18:55	7°♈49'26	0°27'21
max. Earth dist.	-2841 Apr 23 j 04:22	8°♈41'14	1.32605 AU
evening rise	-2841 Apr 29 j 21:38	23°♈07'12	
	-2841 May 03 j 06:57	0°♉	
	-2841 May 21 j 07:23	0°♊	
evening max el	-2841 May 30 j 04:07	10°♊14'37	26°48'50
desc. node	-2841 May 31 j 19:48	11°♊45'08	
retrograde	-2841 Jun 13 j 04:04	17°♊33'11	
evening set	-2841 Jun 19 j 22:05	15°♊33'41	
min. Earth dist.	-2841 Jun 23 j 17:36	12°♊52'55	0.60568 AU
inferior conj	-2841 Jun 27 j 01:03	10°♊06'34	-4°-24'-50
minimum elong	-2841 Jun 27 j 02:23	10°♊03'44	4°24'42
morning rise	-2841 Jul 04 j 09:49	5°♊21'17	
direct	-2841 Jul 06 j 21:24	4°♊57'19	
morning max el	-2841 Jul 14 j 02:40	8°♊29'02	18°08'14
asc. node	-2841 Jul 17 j 03:44	11°♊56'10	
	-2841 Jul 28 j 01:39	0°♋	
morning set	-2841 Jul 30 j 01:03	3°♋40'46	
superior conj	-2841 Aug 08 j 22:14	21°♋52'38	1°40'52
minimum elong	-2841 Aug 09 j 01:22	22°♋06'35	1°40'46
	-2841 Aug 13 j 13:13	0°♌	
max. Earth dist.	-2841 Aug 16 j 12:18	5°♌02'51	1.41404 AU
evening rise	-2841 Aug 22 j 00:11	14°♌06'31	
desc. node	-2841 Aug 27 j 19:10	23°♌16'03	
	-2841 Sep 01 j 05:00	0°♍	
greatest brilliancy	-2841 Sep 19 j 15:39	25°♍35'02	-0.3m
	-2841 Sep 23 j 12:28	0°♎	
evening max el	-2841 Sep 24 j 11:39	1°♎00'02	22°40'28
retrograde	-2841 Oct 04 j 06:59	6°♎49'13	
evening set	-2841 Oct 08 j 22:14	4°♎56'49	
asc. node	-2841 Oct 13 j 02:48	0°♎13'00	
	-2841 Oct 13 j 06:39	30°℞♍	
inferior conj	-2841 Oct 14 j 06:57	28°♍36'33	0°24'10
minimum elong	-2841 Oct 14 j 06:23	28°♍38'30	0°23'55
min. Earth dist.	-2841 Oct 14 j 04:04	28°♍46'31	0.67493 AU
morning rise	-2841 Oct 19 j 14:27	22°♍21'53	
direct	-2841 Oct 24 j 00:37	20°♍35'59	
morning max el	-2841 Nov 02 j 06:19	26°♍04'19	22°03'06
	-2841 Nov 05 j 19:29	0°♎	
greatest brilliancy	-2841 Nov 07 j 00:52	1°♎28'49	-0.4m
desc. node	-2841 Nov 23 j 18:42	24°♎51'20	
	-2841 Nov 27 j 04:08	0°♏	
morning set	-2841 Dec 04 j 20:55	12°♏03'57	
max. Earth dist.	-2841 Dec 10 j 23:16	22°♏03'12	1.41248 AU
	-2841 Dec 15 j 15:23	0°♐	
superior conj	-2841 Dec 18 j 16:15	5°♐18'43	-1°-56'-3
minimum elong	-2841 Dec 18 j 14:50	5°♐12'28	1°56'07
evening rise	-2841 Dec 29 j 03:33	24°♐24'40	
	-2840 Jan 01 j 04:02	0°♑	
asc. node	-2840 Jan 09 j 01:57	13°♑35'40	
evening max el	-2840 Jan 14 j 10:44	20°♑24'49	18°14'00
retrograde	-2840 Jan 21 j 11:08	23°♑56'21	
evening set	-2840 Jan 24 j 00:33	23°♑29'04	
inferior conj	-2840 Jan 31 j 00:47	18°♑41'17	3°55'36
minimum elong	-2840 Jan 31 j 02:05	18°♑38'23	3°55'26
min. Earth dist.	-2840 Feb 03 j 08:07	15°♑46'44	0.60115 AU
morning rise	-2840 Feb 07 j 00:38	13°♑03'53	
direct	-2840 Feb 13 j 16:41	11°♑00'47	
desc. node	-2840 Feb 19 j 17:52	12°♑33'54	
morning max el	-2840 Feb 27 j 21:52	18°♑41'53	27°19'04
	-2840 Mar 08 j 11:03	0°♒	
	-2840 Mar 26 j 10:04	0°♓	
morning set	-2840 Mar 30 j 03:31	7°♓31'32	
max. Earth dist.	-2840 Apr 05 j 17:41	21°♓38'12	1.32513 AU
superior conj	-2840 Apr 06 j 07:45	22°♓55'09	0°02'49
minimum elong	-2840 Apr 06 j 07:37	22°♓54'27	0°02'46
behind sun begin	-2840 Apr 06 j 02:40	22°♓27'21	
behind sun end	-2840 Apr 06 j 12:34	23°♓21'34	
asc. node	-2840 Apr 06 j 01:22	22°♓20'16	
	-2840 Apr 09 j 13:29	0°♈	
evening rise	-2840 Apr 13 j 07:26	8°♈02'00	
	-2840 Apr 24 j 19:56	0°♉	
evening max el	-2840 May 11 j 01:28	21°♉41'54	25°45'26
desc. node	-2840 May 17 j 16:51	26°♉47'07	
retrograde	-2840 May 25 j 03:13	28°♉55'43	
evening set	-2840 May 30 j 23:22	27°♉34'00	
min. Earth dist.	-2840 Jun 04 j 13:45	24°♉51'00	0.58523 AU
inferior conj	-2840 Jun 07 j 21:03	22°♉27'15	-4°-20'-31
minimum elong	-2840 Jun 07 j 18:48	22°♉31'21	4°20'18
morning rise	-2840 Jun 15 j 18:08	18°♉04'32	
direct	-2840 Jun 18 j 05:51	17°♉44'29	
morning max el	-2840 Jun 26 j 09:25	21°♉35'23	18°40'55
asc. node	-2840 Jul 03 j 00:47	0°♊02'53	
	-2840 Jul 03 j 00:03	0°♊	
morning set	-2840 Jul 12 j 16:55	17°♊32'15	
	-2840 Jul 19 j 03:13	0°♋	
superior conj	-2840 Jul 21 j 13:10	4°♋35'07	1°48'28
minimum elong	-2840 Jul 21 j 13:47	4°♋37'58	1°48'32
max. Earth dist.	-2840 Jul 28 j 15:32	17°♋31'50	1.39455 AU
evening rise	-2840 Aug 01 j 19:07	24°♋42'15	
	-2840 Aug 04 j 23:14	0°♌	
desc. node	-2840 Aug 13 j 16:09	13°♌45'37	
	-2840 Aug 24 j 23:16	0°♍	
evening max el	-2840 Sep 06 j 00:12	14°♍28'31	24°01'04
retrograde	-2840 Sep 16 j 22:26	20°♍54'30	
evening set	-2840 Sep 22 j 04:10	18°♍42'47	
min. Earth dist.	-2840 Sep 27 j 00:08	13°♍05'46	0.67379 AU
inferior conj	-2840 Sep 27 j 13:19	12°♍21'01	0°-29'-40
minimum elong	-2840 Sep 27 j 14:01	12°♍18'37	0°29'21
asc. node	-2840 Sep 28 j 23:53	10°♍25'32	
morning rise	-2840 Oct 03 j 00:06	6°♍11'11	
direct	-2840 Oct 06 j 20:55	4°♍46'12	
morning max el	-2840 Oct 15 j 01:24	9°♍33'31	20°45'01
greatest brilliancy	-2840 Oct 21 j 01:15	16°♍39'23	-0.5m
	-2840 Oct 30 j 12:43	0°♎	
desc. node	-2840 Nov 09 j 15:42	15°♎15'46	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning set	-2840 Nov 12 j 23:48	20°♎25'28	
	-2840 Nov 19 j 01:45	0°♏	
max. Earth dist.	-2840 Nov 22 j 05:18	5°♏03'31	1.43022 AU
superior conj	-2840 Nov 28 j 18:44	15°♏51'56	-1°-43'-11
minimum elong	-2840 Nov 28 j 13:17	15°♏29'03	1°42'54
	-2840 Dec 07 j 00:28	0°♐	
evening rise	-2840 Dec 10 j 20:33	6°♐45'47	
	-2840 Dec 24 j 21:36	0°♑	
asc. node	-2840 Dec 25 j 22:59	1°♑20'58	
evening max el	-2840 Dec 27 j 22:09	3°♑32'33	18°08'11
retrograde	-2839 Jan 03 j 12:35	6°♑59'55	
evening set	-2839 Jan 06 j 05:11	6°♑24'55	
inferior conj	-2839 Jan 12 j 17:23	1°♑15'42	3°57'47
minimum elong	-2839 Jan 12 j 16:20	1°♑18'24	3°57'39
	-2839 Jan 13 j 23:08	30°℞♐	
min. Earth dist.	-2839 Jan 15 j 14:06	28°♐22'41	0.62114 AU
morning rise	-2839 Jan 19 j 01:17	25°♐23'45	
direct	-2839 Jan 26 j 01:55	22°♐50'24	
desc. node	-2839 Feb 05 j 14:57	27°♐30'41	
	-2839 Feb 08 j 10:34	0°♑	
morning max el	-2839 Feb 09 j 01:51	0°♑37'02	27°43'34
	-2839 Mar 02 j 12:05	0°♒	
morning set	-2839 Mar 14 j 07:38	22°♒04'20	
	-2839 Mar 18 j 03:07	0°♓	
max. Earth dist.	-2839 Mar 20 j 04:06	4°♓21'53	1.32780 AU
superior conj	-2839 Mar 21 j 17:59	7°♓46'47	0°-22'-45
minimum elong	-2839 Mar 21 j 19:02	7°♓52'26	0°22'35
asc. node	-2839 Mar 23 j 22:22	12°♓31'32	
evening rise	-2839 Mar 28 j 18:56	22°♓58'18	
	-2839 Apr 01 j 04:50	0°♈	
	-2839 Apr 20 j 05:57	0°♉	
evening max el	-2839 Apr 22 j 17:39	2°♉33'43	24°19'48
desc. node	-2839 May 04 j 13:54	9°♉24'14	
retrograde	-2839 May 06 j 15:18	9°♉33'59	
evening set	-2839 May 11 j 03:33	8°♉48'20	
min. Earth dist.	-2839 May 17 j 05:22	5°♉47'19	0.56708 AU
inferior conj	-2839 May 19 j 21:01	4°♉06'33	-3°-40'-48
minimum elong	-2839 May 19 j 15:19	4°♉15'39	3°39'38
morning rise	-2839 May 28 j 07:07	0°♉02'25	
	-2839 May 28 j 11:39	30°℞♈	
direct	-2839 May 30 j 19:21	29°♈45'24	
	-2839 Jun 02 j 01:42	0°♉	
morning max el	-2839 Jun 09 j 07:50	4°♉10'20	19°34'12
asc. node	-2839 Jun 19 j 21:49	18°♉50'07	
	-2839 Jun 25 j 19:03	0°♊	
morning set	-2839 Jun 26 j 17:21	1°♊51'12	
superior conj	-2839 Jul 04 j 20:08	18°♊07'10	1°46'21
minimum elong	-2839 Jul 04 j 18:51	18°♊00'55	1°46'22
max. Earth dist.	-2839 Jul 10 j 17:47	29°♊26'18	1.37516 AU
	-2839 Jul 11 j 01:02	0°♋	
evening rise	-2839 Jul 14 j 15:14	6°♋32'03	
	-2839 Jul 28 j 20:49	0°♌	
desc. node	-2839 Jul 31 j 13:07	4°♌00'43	
evening max el	-2839 Aug 19 j 11:03	28°♌00'03	25°17'43
	-2839 Aug 21 j 14:34	0°♍	
retrograde	-2839 Aug 31 j 09:41	4°♍55'02	
evening set	-2839 Sep 06 j 06:26	2°♍25'52	
	-2839 Sep 08 j 15:36	30°℞♌	
min. Earth dist.	-2839 Sep 10 j 17:38	27°♌24'43	0.66954 AU
inferior conj	-2839 Sep 11 j 17:38	26°♌06'21	-1°-23'-37
minimum elong	-2839 Sep 11 j 19:38	25°♌59'50	1°22'46
asc. node	-2839 Sep 15 j 20:59	21°♌16'31	
morning rise	-2839 Sep 17 j 09:22	20°♌04'20	
direct	-2839 Sep 20 j 18:56	18°♌57'25	
morning max el	-2839 Sep 28 j 03:47	23°♌11'12	19°39'05
	-2839 Oct 03 j 19:05	0°♍	
greatest brilliancy	-2839 Oct 06 j 14:43	3°♍55'44	-0.6m
morning set	-2839 Oct 22 j 22:51	28°♍43'01	
	-2839 Oct 23 j 18:41	0°♎	
desc. node	-2839 Oct 27 j 12:40	5°♎50'24	
max. Earth dist.	-2839 Nov 04 j 17:46	18°♎45'35	1.44277 AU
superior conj	-2839 Nov 08 j 17:48	25°♎08'49	-1°-13'-10
minimum elong	-2839 Nov 08 j 10:26	24°♎39'14	1°12'24
	-2839 Nov 11 j 17:56	0°♏	
evening rise	-2839 Nov 22 j 18:04	18°♏13'09	
	-2839 Nov 29 j 18:15	0°♐	
evening max el	-2839 Dec 11 j 10:46	16°♐51'24	18°21'27
asc. node	-2839 Dec 12 j 20:03	18°♐09'03	
retrograde	-2839 Dec 17 j 23:59	20°♐25'56	
evening set	-2839 Dec 20 j 20:42	19°♐41'51	
inferior conj	-2839 Dec 26 j 23:31	14°♐13'00	3°40'45
minimum elong	-2839 Dec 26 j 21:01	14°♐20'05	3°40'16
min. Earth dist.	-2839 Dec 29 j 05:44	11°♐40'24	0.63878 AU
morning rise	-2838 Jan 01 j 19:49	8°♐11'03	
direct	-2838 Jan 08 j 18:59	5°♐22'03	
morning max el	-2838 Jan 22 j 09:53	13°♐07'42	27°31'54
desc. node	-2838 Jan 23 j 12:01	14°♐14'04	
	-2838 Feb 05 j 00:57	0°♑	
	-2838 Feb 22 j 23:52	0°♒	
morning set	-2838 Feb 26 j 04:32	6°♒11'41	
max. Earth dist.	-2838 Mar 03 j 07:41	16°♒39'26	1.33439 AU
superior conj	-2838 Mar 06 j 01:05	22°♒25'05	0°-48'-6
minimum elong	-2838 Mar 06 j 03:15	22°♒36'36	0°47'46
	-2838 Mar 09 j 14:00	0°♓	
asc. node	-2838 Mar 10 j 19:24	2°♓37'27	
evening rise	-2838 Mar 13 j 06:22	7°♓50'05	
	-2838 Mar 25 j 01:52	0°♈	
evening max el	-2838 Apr 04 j 10:02	13°♈14'29	22°45'26
retrograde	-2838 Apr 17 j 14:30	19°♈43'18	
evening set	-2838 Apr 20 j 19:38	19°♈20'42	
desc. node	-2838 Apr 21 j 10:58	19°♈11'04	
min. Earth dist.	-2838 Apr 28 j 19:28	15°♈50'10	0.55481 AU
inferior conj	-2838 Apr 30 j 02:30	15°♈05'34	-2°-19'-14
minimum elong	-2838 Apr 29 j 20:47	15°♈13'48	2°17'29
morning rise	-2838 May 09 j 00:25	11°♈09'28	
direct	-2838 May 11 j 15:38	10°♈53'12	
morning max el	-2838 May 22 j 19:45	16°♈05'54	20°47'30
	-2838 Jun 02 j 07:16	0°♉	
asc. node	-2838 Jun 06 j 18:52	8°♉08'07	
morning set	-2838 Jun 10 j 23:44	16°♉30'55	
	-2838 Jun 17 j 12:07	0°♊	
superior conj	-2838 Jun 18 j 14:33	2°♊15'40	1°36'54
minimum elong	-2838 Jun 18 j 12:14	2°♊03'50	1°36'46
max. Earth dist.	-2838 Jun 23 j 01:48	11°♊14'10	1.35804 AU
evening rise	-2838 Jun 27 j 08:08	19°♊24'56	
	-2838 Jul 03 j 05:03	0°♋	
desc. node	-2838 Jul 18 j 10:08	23°♋54'55	
	-2838 Jul 22 j 21:45	0°♌	
evening max el	-2838 Aug 01 j 22:21	11°♌33'22	26°22'22
retrograde	-2838 Aug 14 j 16:09	18°♌46'01	
evening set	-2838 Aug 21 j 03:03	16°♌04'09	
min. Earth dist.	-2838 Aug 25 j 06:10	11°♌41'03	0.66195 AU
inferior conj	-2838 Aug 26 j 18:06	9°♌50'36	-2°-15'-52
minimum elong	-2838 Aug 26 j 21:15	9°♌40'55	2°14'40
morning rise	-2838 Sep 01 j 16:21	3°♌59'43	
asc. node	-2838 Sep 02 j 18:04	3°♌29'16	
direct	-2838 Sep 04 j 17:04	3°♌07'22	
morning max el	-2838 Sep 11 j 12:38	6°♌56'12	18°48'10

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2838 Sep 27 j 15:56	0°♍	
morning set	-2838 Oct 02 j 16:46	8°♍00'30	
desc. node	-2838 Oct 14 j 09:39	26°♍31'56	
	-2838 Oct 16 j 14:30	0°♎	
superior conj	-2838 Oct 18 j 20:36	3°♎33'00	0°-28'-16
minimum elong	-2838 Oct 18 j 16:53	3°♎18'25	0°27'48
max. Earth dist.	-2838 Oct 18 j 10:55	2°♎54'55	1.44865 AU
evening rise	-2838 Nov 03 j 16:08	28°♎40'01	
	-2838 Nov 04 j 12:03	0°♏	
	-2838 Nov 24 j 15:46	0°♐	
evening max el	-2838 Nov 24 j 22:00	0°♐16'17	18°52'37
asc. node	-2838 Nov 29 j 17:08	3°♐45'08	
retrograde	-2838 Dec 01 j 17:34	4°♐07'41	
evening set	-2838 Dec 04 j 19:55	3°♐12'41	
	-2838 Dec 08 j 11:51	30°℞♏	
inferior conj	-2838 Dec 10 j 15:37	27°♏26'38	3°10'26
minimum elong	-2838 Dec 10 j 12:34	27°♏36'00	3°09'36
min. Earth dist.	-2838 Dec 12 j 06:58	25°♏25'49	0.65297 AU
morning rise	-2838 Dec 16 j 04:12	21°♏17'32	
direct	-2838 Dec 22 j 18:31	18°♏28'00	
morning max el	-2837 Jan 04 j 19:24	26°♏03'11	26°48'25
	-2837 Jan 08 j 11:39	0°♐	
desc. node	-2837 Jan 10 j 09:04	2°♐13'23	
	-2837 Jan 29 j 13:45	0°♑	
morning set	-2837 Feb 09 j 14:51	19°♑42'27	
max. Earth dist.	-2837 Feb 14 j 01:08	28°♑23'00	1.34538 AU
	-2837 Feb 14 j 20:23	0°♒	
superior conj	-2837 Feb 18 j 02:55	6°♒42'47	-1°-12'-5
minimum elong	-2837 Feb 18 j 05:57	6°♒58'29	1°11'41
evening rise	-2837 Feb 25 j 15:57	22°♒30'46	
asc. node	-2837 Feb 25 j 16:25	22°♒33'13	
	-2837 Mar 01 j 08:38	0°♓	
evening max el	-2837 Mar 17 j 08:46	24°♓10'23	21°15'43
retrograde	-2837 Mar 29 j 04:21	29°♓51'16	
evening set	-2837 Mar 31 j 15:06	29°♓37'30	
desc. node	-2837 Apr 08 j 08:04	26°♓31'13	
inferior conj	-2837 Apr 09 j 21:48	25°♓38'29	0°-26'-26
minimum elong	-2837 Apr 09 j 20:33	25°♓40'14	0°26'00
min. Earth dist.	-2837 Apr 10 j 09:08	25°♓22'30	0.55116 AU
morning rise	-2837 Apr 19 j 01:41	21°♓34'09	
direct	-2837 Apr 22 j 03:31	21°♓13'30	
morning max el	-2837 May 04 j 20:50	27°♓18'59	22°17'41
	-2837 May 07 j 11:36	0°♈	
asc. node	-2837 May 24 j 15:53	27°♈48'14	
	-2837 May 25 j 17:36	0°♉	
morning set	-2837 May 26 j 09:47	1°♉23'51	
superior conj	-2837 Jun 02 j 16:48	16°♉48'56	1°22'00
minimum elong	-2837 Jun 02 j 14:10	16°♉35'03	1°21'43
max. Earth dist.	-2837 Jun 05 j 19:27	23°♉18'06	1.34435 AU
	-2837 Jun 09 j 02:53	0°♊	
evening rise	-2837 Jun 10 j 16:28	3°♊04'44	
	-2837 Jun 26 j 01:29	0°♋	
desc. node	-2837 Jul 05 j 07:10	13°♋18'13	
evening max el	-2837 Jul 15 j 10:01	24°♋59'02	27°07'10
	-2837 Jul 21 j 16:19	0°♌	
retrograde	-2837 Jul 28 j 17:08	2°♌19'35	
	-2837 Aug 04 j 01:30	30°℞♋	
evening set	-2837 Aug 04 j 15:25	29°♋33'06	
min. Earth dist.	-2837 Aug 08 j 11:17	25°♋48'14	0.65065 AU
inferior conj	-2837 Aug 10 j 12:28	23°♋28'55	-3°-4'-16
minimum elong	-2837 Aug 10 j 16:24	23°♋17'46	3°03'03
morning rise	-2837 Aug 16 j 18:44	17°♋52'38	
direct	-2837 Aug 19 j 12:58	17°♋11'34	
asc. node	-2837 Aug 20 j 15:08	17°♋17'58	

morning max el	-2837 Aug 26 j 01:55	20°♋44'07	18°13'51
	-2837 Sep 02 j 03:23	0°♌	
morning set	-2837 Sep 13 j 14:25	18°♌39'25	
	-2837 Sep 20 j 11:53	0°♍	
superior conj	-2837 Sep 27 j 23:06	12°♍01'29	0°21'12
minimum elong	-2837 Sep 28 j 01:43	12°♍11'52	0°20'52
max. Earth dist.	-2837 Oct 01 j 05:38	17°♍12'56	1.44713 AU
desc. node	-2837 Oct 01 j 06:40	17°♍17'00	
	-2837 Oct 09 j 09:07	0°♎	
evening rise	-2837 Oct 14 j 14:16	8°♎07'32	
	-2837 Oct 28 j 20:09	0°♏	
greatest brilliancy	-2837 Oct 31 j 01:04	3°♏13'50	-0.7m
evening max el	-2837 Nov 08 j 05:31	13°♏43'27	19°40'10
retrograde	-2837 Nov 15 j 14:17	18°♏00'26	
asc. node	-2837 Nov 16 j 14:12	17°♏54'42	
evening set	-2837 Nov 19 j 00:12	16°♏52'19	
inferior conj	-2837 Nov 24 j 14:41	10°♏52'05	2°30'54
minimum elong	-2837 Nov 24 j 11:48	11°♏01'31	2°29'54
min. Earth dist.	-2837 Nov 25 j 16:27	9°♏27'51	0.66343 AU
morning rise	-2837 Nov 29 j 22:44	4°♏38'04	
direct	-2837 Dec 05 j 23:44	1°♏59'41	
morning max el	-2837 Dec 18 j 04:39	9°♏12'35	25°40'55
desc. node	-2837 Dec 28 j 06:08	21°♏06'22	
	-2836 Jan 03 j 15:25	0°♐	
	-2836 Jan 22 j 02:28	0°♑	
morning set	-2836 Jan 23 j 10:05	2°♑23'20	
max. Earth dist.	-2836 Jan 27 j 07:06	9°♑37'17	1.36082 AU
superior conj	-2836 Feb 01 j 20:52	20°♑31'57	-1°-33'-7
minimum elong	-2836 Feb 02 j 00:12	20°♑48'43	1°32'48
	-2836 Feb 06 j 12:41	0°♒	
evening rise	-2836 Feb 09 j 21:42	6°♒54'03	
asc. node	-2836 Feb 12 j 13:29	12°♒13'55	
	-2836 Feb 22 j 21:29	0°♓	
evening max el	-2836 Feb 27 j 17:38	5°♓39'06	20°00'07
retrograde	-2836 Mar 08 j 20:47	10°♓28'31	
evening set	-2836 Mar 11 j 02:45	10°♓15'18	
inferior conj	-2836 Mar 19 j 21:02	6°♓14'47	1°27'19
minimum elong	-2836 Mar 20 j 00:37	6°♓09'19	1°26'07
min. Earth dist.	-2836 Mar 21 j 23:14	4°♓58'36	0.55690 AU
desc. node	-2836 Mar 25 j 05:09	3°♓10'54	
morning rise	-2836 Mar 28 j 19:38	1°♓45'18	
direct	-2836 Apr 01 j 19:13	1°♓10'24	
morning max el	-2836 Apr 15 j 14:05	8°♓01'09	23°56'55
	-2836 May 01 j 12:15	0°♈	
morning set	-2836 May 09 j 21:41	16°♈24'10	
asc. node	-2836 May 10 j 12:56	17°♈44'21	
	-2836 May 16 j 05:56	0°♉	
superior conj	-2836 May 17 j 00:14	1°♉38'39	1°03'04
minimum elong	-2836 May 16 j 21:52	1°♉25'50	1°02'42
max. Earth dist.	-2836 May 18 j 22:26	5°♉46'09	1.33440 AU
evening rise	-2836 May 24 j 11:49	17°♉18'35	
	-2836 May 31 j 02:31	0°♊	
	-2836 Jun 19 j 13:34	0°♋	
desc. node	-2836 Jun 21 j 04:13	1°♋57'37	
evening max el	-2836 Jun 26 j 20:24	8°♋04'42	27°25'09
retrograde	-2836 Jul 10 j 12:23	15°♋27'15	
evening set	-2836 Jul 17 j 16:25	12°♋47'50	
min. Earth dist.	-2836 Jul 21 j 07:06	9°♋37'03	0.63556 AU
inferior conj	-2836 Jul 23 j 22:09	6°♋55'49	-3°-45'-47
minimum elong	-2836 Jul 24 j 02:06	6°♋45'40	3°44'52
morning rise	-2836 Jul 30 j 13:48	1°♋37'31	
direct	-2836 Aug 02 j 03:49	1°♋04'51	
asc. node	-2836 Aug 06 j 12:13	2°♋37'37	
morning max el	-2836 Aug 08 j 17:03	4°♋29'44	17°57'03

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2836 Aug 25 j 06:23	0°♌	
morning set	-2836 Aug 25 j 13:24	0°♌30'30	
	-2836 Sep 12 j 02:32	0°♍	
superior conj	-2836 Sep 06 j 21:45	21°♌31'25	1°02'58
minimum elong	-2836 Sep 07 j 03:18	21°♌54'18	1°02'22
max. Earth dist.	-2836 Sep 12 j 21:58	1°♍18'01	1.43853 AU
desc. node	-2836 Sep 17 j 03:40	8°♍02'10	
evening rise	-2836 Sep 22 j 20:37	16°♍56'19	
	-2836 Oct 01 j 10:08	0°♎	
greatest brilliancy	-2836 Oct 15 j 09:18	20°♎05'28	-0.5m
evening max el	-2836 Oct 21 j 07:32	27°♎10'02	20°42'04
	-2836 Oct 24 j 11:36	0°♏	
retrograde	-2836 Oct 29 j 11:41	2°♏00'01	
evening set	-2836 Nov 02 j 07:17	0°♏36'25	
asc. node	-2836 Nov 02 j 11:17	0°♏28'53	
	-2836 Nov 03 j 01:22	30°℞♎	
inferior conj	-2836 Nov 07 j 18:18	24°♎25'27	1°44'53
minimum elong	-2836 Nov 07 j 16:04	24°♎33'01	1°44'00
min. Earth dist.	-2836 Nov 08 j 08:06	23°♎38'30	0.67038 AU
morning rise	-2836 Nov 13 j 00:25	18°♎08'53	
direct	-2836 Nov 18 j 10:11	15°♎48'46	
morning max el	-2836 Nov 29 j 13:20	22°♎27'00	24°18'45
	-2836 Dec 06 j 04:22	0°♏	
desc. node	-2836 Dec 14 j 03:10	10°♏36'47	
	-2836 Dec 26 j 23:32	0°♐	
morning set	-2835 Jan 04 j 08:19	13°♐57'29	
max. Earth dist.	-2835 Jan 08 j 04:19	20°♐44'18	1.37994 AU
	-2835 Jan 13 j 04:45	0°♑	
superior conj	-2835 Jan 15 j 03:23	3°♑41'59	-1°-48'-59
minimum elong	-2835 Jan 15 j 06:04	3°♑54'52	1°48'54
evening rise	-2835 Jan 23 j 21:14	20°♑52'18	
	-2835 Jan 28 j 14:30	0°♒	
asc. node	-2835 Jan 29 j 10:31	1°♒32'50	
evening max el	-2835 Feb 09 j 12:58	17°♒43'47	19°03'11
retrograde	-2835 Feb 18 j 03:02	21°♒50'51	
evening set	-2835 Feb 20 j 11:04	21°♒33'52	
inferior conj	-2835 Feb 28 j 12:10	17°♒19'20	2°53'26
minimum elong	-2835 Feb 28 j 16:56	17°♒11'01	2°52'14
min. Earth dist.	-2835 Mar 03 j 14:48	15°♒09'48	0.57064 AU
morning rise	-2835 Mar 08 j 18:50	12°♒18'30	
desc. node	-2835 Mar 12 j 02:14	11°♒23'28	
direct	-2835 Mar 13 j 23:14	11°♒15'02	
morning max el	-2835 Mar 28 j 05:08	18°♒35'58	25°32'17
	-2835 Apr 06 j 17:40	0°♓	
	-2835 Apr 23 j 17:21	0°♈	
morning set	-2835 Apr 24 j 09:44	1°♈25'36	
asc. node	-2835 Apr 27 j 09:58	7°♈50'51	
superior conj	-2835 May 01 j 10:43	16°♈37'31	0°41'10
minimum elong	-2835 May 01 j 09:00	16°♈28'09	0°40'51
max. Earth dist.	-2835 May 02 j 08:07	18°♈34'03	1.32804 AU
	-2835 May 07 j 16:29	0°♉	
evening rise	-2835 May 08 j 14:48	1°♉55'37	
	-2835 May 24 j 00:56	0°♊	
desc. node	-2835 Jun 08 j 01:15	19°♊34'46	
evening max el	-2835 Jun 09 j 03:16	20°♊38'35	27°11'36
retrograde	-2835 Jun 23 j 01:16	27°♊59'59	
evening set	-2835 Jun 30 j 02:05	25°♊41'56	
min. Earth dist.	-2835 Jul 03 j 16:57	22°♊54'42	0.61714 AU
inferior conj	-2835 Jul 06 j 20:03	20°♊04'38	-4°-15'-41
minimum elong	-2835 Jul 06 j 22:48	19°♊58'21	4°15'18
morning rise	-2835 Jul 13 j 22:16	15°♊06'58	
direct	-2835 Jul 16 j 10:07	14°♊40'26	
morning max el	-2835 Jul 23 j 07:15	18°♊06'55	17°58'39
asc. node	-2835 Jul 24 j 09:17	19°♊14'31	
	-2835 Jul 31 j 20:43	0°♋	
morning set	-2835 Aug 08 j 08:13	13°♋18'51	
	-2835 Aug 17 j 15:04	0°♌	
superior conj	-2835 Aug 19 j 00:02	2°♌23'43	1°31'03
minimum elong	-2835 Aug 19 j 04:33	2°♌43'20	1°30'44
max. Earth dist.	-2835 Aug 26 j 09:09	14°♌52'37	1.42411 AU
evening rise	-2835 Sep 02 j 05:16	25°♌54'12	
desc. node	-2835 Sep 04 j 00:39	28°♌44'32	
	-2835 Sep 04 j 20:01	0°♍	
	-2835 Sep 25 j 08:20	0°♎	
greatest brilliancy	-2835 Sep 29 j 08:00	5°♎08'20	-0.4m
evening max el	-2835 Oct 04 j 03:28	10°♎36'28	21°55'11
retrograde	-2835 Oct 13 j 07:52	16°♎04'03	
evening set	-2835 Oct 17 j 15:16	14°♎22'48	
asc. node	-2835 Oct 20 j 08:22	11°♎36'58	
inferior conj	-2835 Oct 23 j 00:23	8°♎04'49	0°54'31
minimum elong	-2835 Oct 22 j 23:09	8°♎09'06	0°53'59
min. Earth dist.	-2835 Oct 23 j 03:27	7°♎54'13	0.67411 AU
morning rise	-2835 Oct 28 j 06:48	1°♎48'24	
	-2835 Oct 31 j 14:53	30°℞♍	
direct	-2835 Nov 02 j 01:18	29°♍49'47	
	-2835 Nov 03 j 12:57	0°♎	
morning max el	-2835 Nov 11 j 23:30	5°♎44'38	22°51'47
greatest brilliancy	-2835 Nov 16 j 18:24	11°♎07'04	-0.3m
	-2835 Nov 30 j 14:54	0°♏	
desc. node	-2835 Dec 01 j 00:12	0°♏34'09	
morning set	-2835 Dec 16 j 03:36	24°♏10'31	
	-2835 Dec 19 j 15:16	0°♐	
max. Earth dist.	-2835 Dec 21 j 00:01	2°♐19'28	1.40081 AU
superior conj	-2835 Dec 28 j 18:01	16°♐01'54	-1°-56'-44
minimum elong	-2835 Dec 28 j 18:35	16°♐04'27	1°56'50
	-2834 Jan 05 j 05:22	0°♑	
evening rise	-2834 Jan 07 j 11:45	4°♑18'52	
asc. node	-2834 Jan 16 j 07:32	20°♑22'57	
	-2834 Jan 23 j 08:50	0°♒	
evening max el	-2834 Jan 23 j 16:50	0°♒19'48	18°26'12
retrograde	-2834 Jan 31 j 03:39	3°♒59'31	
evening set	-2834 Feb 02 j 15:13	3°♒36'22	
	-2834 Feb 08 j 18:42	30°℞♑	
inferior conj	-2834 Feb 09 j 23:49	29°♑01'37	3°42'27
minimum elong	-2834 Feb 10 j 02:40	28°♑55'48	3°42'01
min. Earth dist.	-2834 Feb 13 j 09:38	26°♑16'26	0.58948 AU
morning rise	-2834 Feb 17 j 10:33	23°♑35'18	
direct	-2834 Feb 23 j 16:40	21°♑53'27	
desc. node	-2834 Feb 26 j 23:20	22°♑20'40	
morning max el	-2834 Mar 09 j 23:22	29°♑30'01	26°48'34
	-2834 Mar 10 j 11:32	0°♒	
	-2834 Mar 31 j 11:37	0°♓	
morning set	-2834 Apr 08 j 20:12	16°♓21'37	
asc. node	-2834 Apr 14 j 06:58	28°♓02'48	
	-2834 Apr 15 j 04:24	0°♈	
superior conj	-2834 Apr 15 j 22:25	1°♈38'45	0°17'13
minimum elong	-2834 Apr 15 j 21:40	1°♈34'35	0°17'03
max. Earth dist.	-2834 Apr 15 j 21:03	1°♈31'16	1.32520 AU
evening rise	-2834 Apr 22 j 22:45	16°♈46'35	
	-2834 Apr 29 j 14:22	0°♉	
	-2834 May 19 j 16:56	0°♊	
evening max el	-2834 May 22 j 04:31	2°♊31'28	26°25'22
desc. node	-2834 May 25 j 22:18	5°♊43'14	
retrograde	-2834 Jun 05 j 06:08	9°♊49'03	
evening set	-2834 Jun 11 j 16:05	8°♊05'15	
min. Earth dist.	-2834 Jun 15 j 17:44	5°♊25'25	0.59681 AU
inferior conj	-2834 Jun 19 j 02:32	2°♊45'57	-4°-26'-42
minimum elong	-2834 Jun 19 j 02:29	2°♊46'03	4°26'38

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2834 Jun 22 j 20:48	30°℞♉	
morning rise	-2834 Jun 26 j 16:24	28°♉10'20	
direct	-2834 Jun 29 j 03:47	27°♉48'16	
	-2834 Jul 05 j 00:38	0°♊	
morning max el	-2834 Jul 06 j 17:32	1°♊27'00	18°19'39
asc. node	-2834 Jul 11 j 06:20	6°♊52'33	
morning set	-2834 Jul 22 j 17:38	26°♊50'23	
	-2834 Jul 24 j 09:29	0°♋	
superior conj	-2834 Aug 01 j 03:09	14°♋30'01	1°45'28
minimum elong	-2834 Aug 01 j 05:10	14°♋39'13	1°45'27
max. Earth dist.	-2834 Aug 08 j 14:38	27°♋45'22	1.40585 AU
	-2834 Aug 09 j 22:12	0°♌	
evening rise	-2834 Aug 13 j 09:26	5°♌47'45	
desc. node	-2834 Aug 21 j 21:38	19°♌19'54	
	-2834 Aug 29 j 00:46	0°♍	
greatest brilliancy	-2834 Sep 10 j 19:47	17°♍21'52	-0.2m
evening max el	-2834 Sep 16 j 18:12	24°♍03'46	23°14'51
	-2834 Sep 25 j 14:38	0°♎	
retrograde	-2834 Sep 27 j 01:14	0°♎09'18	
	-2834 Sep 28 j 10:40	30°℞♍	
evening set	-2834 Oct 01 j 22:25	28°♍08'54	
inferior conj	-2834 Oct 07 j 07:08	21°♍47'38	0°01'28
minimum elong	-2834 Oct 07 j 07:06	21°♍47'46	0°01'28
transit middle	-2834 Oct 07 j 07:06	21°♍47'46	0°01'28
transit begin	-2834 Oct 07 j 04:24	21°♍57'01	
transit end	-2834 Oct 07 j 09:47	21°♍38'31	
min. Earth dist.	-2834 Oct 06 j 23:58	22°♍12'14	0.67480 AU
asc. node	-2834 Oct 07 j 05:26	21°♍53'28	
morning rise	-2834 Oct 12 j 15:47	15°♍34'27	
direct	-2834 Oct 16 j 20:06	13°♍57'29	
morning max el	-2834 Oct 25 j 14:26	19°♍07'46	21°28'35
greatest brilliancy	-2834 Oct 30 j 18:19	25°♍04'23	-0.4m
	-2834 Nov 03 j 12:29	0°♎	
desc. node	-2834 Nov 17 j 21:13	20°♎50'20	
	-2834 Nov 23 j 19:56	0°♏	
morning set	-2834 Nov 25 j 18:27	3°♏02'44	
max. Earth dist.	-2834 Dec 03 j 01:21	14°♏47'39	1.42053 AU
superior conj	-2834 Dec 10 j 11:19	27°♏18'04	-1°-52'-35
minimum elong	-2834 Dec 10 j 08:11	27°♏04'34	1°52'33
	-2834 Dec 12 j 00:36	0°♐	
evening rise	-2834 Dec 21 j 13:45	17°♐06'12	
	-2834 Dec 28 j 18:27	0°♑	
asc. node	-2833 Jan 03 j 04:34	8°♑35'24	
evening max el	-2833 Jan 07 j 02:25	13°♑18'56	18°09'12
retrograde	-2833 Jan 13 j 21:14	16°♑46'45	
evening set	-2833 Jan 16 j 12:04	16°♑16'13	
inferior conj	-2833 Jan 23 j 06:50	11°♑19'18	3°59'18
minimum elong	-2833 Jan 23 j 07:03	11°♑18'49	3°59'13
min. Earth dist.	-2833 Jan 26 j 10:32	8°♑22'44	0.60988 AU
morning rise	-2833 Jan 29 j 23:25	5°♑35'22	
direct	-2833 Feb 05 j 20:44	3°♑17'42	
desc. node	-2833 Feb 13 j 20:25	6°♑00'02	
morning max el	-2833 Feb 19 j 23:39	11°♑01'18	27°33'55
	-2833 Mar 06 j 20:34	0°♒	
	-2833 Mar 23 j 14:27	0°♓	
morning set	-2833 Mar 24 j 03:17	1°♓05'45	
max. Earth dist.	-2833 Mar 30 j 09:37	14°♓25'05	1.32584 AU
superior conj	-2833 Mar 31 j 09:43	16°♓36'25	0°-7'-59
minimum elong	-2833 Mar 31 j 10:05	16°♓38'25	0°07'57
behind sun begin	-2833 Mar 31 j 05:41	16°♓14'25	
behind sun end	-2833 Mar 31 j 14:29	17°♓02'27	
asc. node	-2833 Apr 01 j 03:58	18°♓16'08	
	-2833 Apr 06 j 13:54	0°♈	
evening rise	-2833 Apr 07 j 09:33	1°♈43'59	
	-2833 Apr 22 j 21:28	0°♉	
evening max el	-2833 May 03 j 23:34	13°♉43'21	25°11'04
desc. node	-2833 May 12 j 19:20	19°♉49'00	
retrograde	-2833 May 18 j 00:36	20°♉52'13	
evening set	-2833 May 23 j 07:54	19°♉47'07	
min. Earth dist.	-2833 May 28 j 11:41	16°♉57'59	0.57706 AU
inferior conj	-2833 May 31 j 14:15	14°♉50'42	-4°-8'-38
minimum elong	-2833 May 31 j 10:21	14°♉57'25	4°08'05
morning rise	-2833 Jun 08 j 16:47	10°♉36'17	
direct	-2833 Jun 11 j 04:44	10°♉17'34	
morning max el	-2833 Jun 19 j 21:00	14°♉21'16	19°00'59
asc. node	-2833 Jun 28 j 03:24	25°♉18'17	
	-2833 Jun 30 j 20:10	0°♊	
morning set	-2833 Jul 06 j 13:33	10°♊55'03	
superior conj	-2833 Jul 15 j 01:33	27°♊35'24	1°48'35
minimum elong	-2833 Jul 15 j 01:16	27°♊34'01	1°48'41
	-2833 Jul 16 j 07:50	0°♋	
max. Earth dist.	-2833 Jul 21 j 17:02	9°♋58'33	1.38621 AU
evening rise	-2833 Jul 25 j 15:31	16°♋56'09	
	-2833 Aug 02 j 11:53	0°♌	
desc. node	-2833 Aug 08 j 18:35	9°♌44'00	
	-2833 Aug 23 j 11:49	0°♍	
evening max el	-2833 Aug 30 j 05:54	7°♍34'05	24°34'40
retrograde	-2833 Sep 10 j 14:49	14°♍12'49	
evening set	-2833 Sep 16 j 02:59	11°♍53'27	
min. Earth dist.	-2833 Sep 20 j 19:12	6°♍31'26	0.67242 AU
inferior conj	-2833 Sep 21 j 12:50	5°♍32'28	0°-52'-38
minimum elong	-2833 Sep 21 j 14:05	5°♍28'15	0°52'04
asc. node	-2833 Sep 24 j 02:32	2°♍15'19	
	-2833 Sep 26 j 07:44	30°℞♌	
morning rise	-2833 Sep 27 j 01:31	29°♌25'37	
direct	-2833 Sep 30 j 17:22	28°♌08'32	
	-2833 Oct 05 j 11:52	0°♍	
morning max el	-2833 Oct 08 j 12:31	2°♍40'02	20°15'16
greatest brilliancy	-2833 Oct 15 j 08:35	10°♍58'52	-0.6m
	-2833 Oct 28 j 08:57	0°♎	
morning set	-2833 Nov 04 j 16:35	11°♎13'18	
desc. node	-2833 Nov 04 j 18:11	11°♎19'31	
max. Earth dist.	-2833 Nov 15 j 10:45	28°♎09'08	1.43632 AU
	-2833 Nov 16 j 14:21	0°♏	
superior conj	-2833 Nov 21 j 02:05	7°♏18'15	-1°-32'-36
minimum elong	-2833 Nov 20 j 19:17	6°♏50'18	1°32'04
evening rise	-2833 Dec 03 j 23:00	29°♏05'27	
	-2833 Dec 04 j 11:35	0°♐	
asc. node	-2833 Dec 21 j 01:37	25°♐58'16	
evening max el	-2833 Dec 21 j 14:43	26°♐32'22	18°11'35
	-2833 Dec 27 j 15:07	0°♑	
retrograde	-2833 Dec 28 j 03:30	0°♑01'23	
	-2833 Dec 28 j 15:53	30°℞♐	
evening set	-2833 Dec 30 j 21:48	29°♐22'31	
inferior conj	-2832 Jan 06 j 05:40	24°♐04'28	3°52'31
minimum elong	-2832 Jan 06 j 03:52	24°♐09'14	3°52'15
min. Earth dist.	-2832 Jan 08 j 20:18	21°♐18'37	0.62900 AU
morning rise	-2832 Jan 12 j 08:08	18°♐08'01	
direct	-2832 Jan 19 j 09:13	15°♐26'28	
desc. node	-2832 Jan 31 j 17:30	21°♐46'40	
morning max el	-2832 Feb 02 j 05:39	23°♐12'41	27°42'59
	-2832 Feb 08 j 07:56	0°♑	
	-2832 Feb 28 j 01:27	0°♒	
morning set	-2832 Mar 07 j 04:41	15°♒29'08	
max. Earth dist.	-2832 Mar 12 j 17:52	27°♒00'37	1.33017 AU
	-2832 Mar 14 j 03:22	0°♓	
superior conj	-2832 Mar 14 j 18:52	1°♓23'25	0°-33'-35
minimum elong	-2832 Mar 14 j 20:23	1°♓31'40	0°33'19

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2832 Mar 18 j 00:59	8°♓25'56	
evening rise	-2832 Mar 21 j 21:16	16°♓39'42	
	-2832 Mar 28 j 13:26	0°♈	
evening max el	-2832 Apr 14 j 15:03	24°♈27'03	23°39'46
	-2832 Apr 22 j 11:57	0°♉	
retrograde	-2832 Apr 28 j 06:48	1°♉15'56	
desc. node	-2832 Apr 28 j 16:25	1°♉15'34	
evening set	-2832 May 02 j 05:16	0°♉41'49	
	-2832 May 04 j 05:31	30°℞♈	
min. Earth dist.	-2832 May 09 j 02:00	27°♈29'55	0.56106 AU
inferior conj	-2832 May 11 j 05:47	26°♈11'58	-3°-11'-12
minimum elong	-2832 May 10 j 23:29	26°♈21'31	3°09'37
morning rise	-2832 May 19 j 21:18	22°♈13'11	
direct	-2832 May 22 j 10:34	21°♈56'44	
morning max el	-2832 Jun 01 j 15:05	26°♈40'00	20°03'03
	-2832 Jun 04 j 18:11	0°♉	
asc. node	-2832 Jun 14 j 00:27	14°♉19'43	
morning set	-2832 Jun 19 j 16:50	25°♉23'58	
	-2832 Jun 21 j 23:06	0°♊	
superior conj	-2832 Jun 27 j 13:54	11°♊24'36	1°43'06
minimum elong	-2832 Jun 27 j 12:06	11°♊15'32	1°43'05
max. Earth dist.	-2832 Jul 02 j 21:22	21°♊48'13	1.36754 AU
evening rise	-2832 Jul 06 j 21:07	29°♊14'19	
	-2832 Jul 07 j 07:11	0°♋	
desc. node	-2832 Jul 25 j 15:35	29°♋51'18	
	-2832 Jul 25 j 17:59	0°♌	
evening max el	-2832 Aug 11 j 16:47	21°♌06'56	25°47'08
retrograde	-2832 Aug 23 j 23:59	28°♌10'25	
evening set	-2832 Aug 30 j 03:08	25°♌34'49	
min. Earth dist.	-2832 Sep 03 j 10:46	20°♌50'01	0.66677 AU
inferior conj	-2832 Sep 04 j 15:45	19°♌17'37	-1°-46'-6
minimum elong	-2832 Sep 04 j 18:16	19°♌09'36	1°45'05
asc. node	-2832 Sep 09 j 23:38	13°♌37'31	
morning rise	-2832 Sep 10 j 10:06	13°♌20'14	
direct	-2832 Sep 13 j 15:38	12°♌19'57	
morning max el	-2832 Sep 20 j 17:58	16°♌21'44	19°15'33
	-2832 Oct 01 j 01:23	0°♍	
morning set	-2832 Oct 13 j 21:37	19°♍51'21	
	-2832 Oct 20 j 09:08	0°♎	
desc. node	-2832 Oct 21 j 15:09	1°♎57'40	
max. Earth dist.	-2832 Oct 28 j 02:05	12°♎07'05	1.44611 AU
superior conj	-2832 Oct 30 j 14:47	16°♎07'25	0°-55'-29
minimum elong	-2832 Oct 30 j 08:16	15°♎41'31	0°54'44
	-2832 Nov 08 j 06:21	0°♏	
evening rise	-2832 Nov 14 j 11:00	10°♏08'22	
	-2832 Nov 26 j 16:10	0°♐	
evening max el	-2832 Dec 04 j 03:00	9°♐54'10	18°32'34
asc. node	-2832 Dec 06 j 22:43	12°♐17'50	
retrograde	-2832 Dec 10 j 18:08	13°♐35'06	
evening set	-2832 Dec 13 j 16:59	12°♐46'37	
inferior conj	-2832 Dec 19 j 16:29	7°♐09'50	3°29'17
minimum elong	-2832 Dec 19 j 13:39	7°♐18'10	3°28'38
min. Earth dist.	-2832 Dec 21 j 16:11	4°♐49'57	0.64519 AU
morning rise	-2832 Dec 25 j 09:03	1°♐04'22	
	-2832 Dec 26 j 19:12	30°℞♏	
direct	-2831 Jan 01 j 04:59	28°♏13'44	
	-2831 Jan 07 j 03:40	0°♐	
morning max el	-2831 Jan 14 j 14:55	5°♐56'30	27°17'01
desc. node	-2831 Jan 17 j 14:34	9°♐05'48	
	-2831 Feb 02 j 02:18	0°♑	
morning set	-2831 Feb 18 j 21:36	29°♑22'39	
	-2831 Feb 19 j 05:14	0°♒	
max. Earth dist.	-2831 Feb 23 j 17:44	9°♒05'21	1.33855 AU
superior conj	-2831 Feb 27 j 00:00	15°♒53'42	0°-58'-32
minimum elong	-2831 Feb 27 j 02:34	16°♒07'17	0°58'08
asc. node	-2831 Mar 04 j 22:01	28°♒28'07	
	-2831 Mar 05 j 15:27	0°♓	
evening rise	-2831 Mar 06 j 08:10	1°♓27'36	
	-2831 Mar 22 j 17:56	0°♈	
evening max el	-2831 Mar 27 j 09:13	5°♈10'28	22°05'53
retrograde	-2831 Apr 09 j 01:32	11°♈21'02	
evening set	-2831 Apr 11 j 20:53	11°♈03'33	
desc. node	-2831 Apr 15 j 13:32	9°♈52'37	
min. Earth dist.	-2831 Apr 20 j 15:43	7°♈16'01	0.55215 AU
inferior conj	-2831 Apr 21 j 05:25	6°♈56'41	-1°-33'-42
minimum elong	-2831 Apr 21 j 01:12	7°♈02'39	1°32'18
morning rise	-2831 Apr 30 j 07:02	2°♈59'36	
direct	-2831 May 03 j 01:15	2°♈42'30	
morning max el	-2831 May 14 j 22:22	8°♈17'27	21°24'11
	-2831 May 29 j 22:25	0°♉	
asc. node	-2831 May 31 j 21:28	3°♉47'49	
morning set	-2831 Jun 04 j 00:59	10°♉09'54	
superior conj	-2831 Jun 11 j 12:02	25°♉44'56	1°31'09
minimum elong	-2831 Jun 11 j 09:30	25°♉31'49	1°30'57
	-2831 Jun 13 j 13:36	0°♊	
max. Earth dist.	-2831 Jun 15 j 09:00	3°♊39'39	1.35174 AU
evening rise	-2831 Jun 19 j 21:09	12°♊28'37	
	-2831 Jun 29 j 16:31	0°♋	
desc. node	-2831 Jul 12 j 12:37	19°♋33'48	
	-2831 Jul 20 j 19:07	0°♌	
evening max el	-2831 Jul 25 j 04:04	4°♌37'14	26°44'16
retrograde	-2831 Aug 07 j 04:19	11°♌55'05	
evening set	-2831 Aug 13 j 20:36	9°♌09'43	
min. Earth dist.	-2831 Aug 17 j 20:21	5°♌03'17	0.65756 AU
inferior conj	-2831 Aug 19 j 13:53	2°♌59'37	-2°-37'-4
minimum elong	-2831 Aug 19 j 17:26	2°♌49'03	2°35'49
	-2831 Aug 22 j 05:21	30°℞♋	
morning rise	-2831 Aug 25 j 15:25	27°♋14'48	
asc. node	-2831 Aug 27 j 20:43	26°♋30'23	
direct	-2831 Aug 28 j 12:59	26°♋27'49	
morning max el	-2831 Sep 04 j 05:04	0°♌08'51	18°31'30
	-2831 Sep 04 j 01:33	0°♌	
morning set	-2831 Sep 24 j 03:00	29°♌42'35	
	-2831 Sep 24 j 07:18	0°♍	
desc. node	-2831 Oct 08 j 12:08	22°♍40'58	
superior conj	-2831 Oct 09 j 14:32	24°♍25'04	0°-7'-3
minimum elong	-2831 Oct 09 j 13:36	24°♍21'23	0°06'55
behind sun begin	-2831 Oct 09 j 03:14	23°♍40'32	
behind sun end	-2831 Oct 09 j 23:57	25°♍02'14	
max. Earth dist.	-2831 Oct 10 j 19:55	26°♍20'50	1.44882 AU
	-2831 Oct 13 j 03:38	0°♎	
evening rise	-2831 Oct 25 j 22:31	20°♎08'31	
	-2831 Nov 01 j 04:11	0°♏	
evening max el	-2831 Nov 17 j 12:49	23°♏19'39	19°10'57
asc. node	-2831 Nov 23 j 19:48	27°♏18'20	
retrograde	-2831 Nov 24 j 13:24	27°♏21'23	
evening set	-2831 Nov 27 j 18:37	26°♏21'16	
inferior conj	-2831 Dec 03 j 11:52	20°♏28'49	2°54'36
minimum elong	-2831 Dec 03 j 08:49	20°♏38'28	2°53'41
min. Earth dist.	-2831 Dec 04 j 21:18	18°♏43'00	0.65782 AU
morning rise	-2831 Dec 08 j 22:08	14°♏17'03	
direct	-2831 Dec 15 j 07:06	11°♏30'56	
morning max el	-2831 Dec 28 j 00:33	18°♏59'10	26°22'05
desc. node	-2830 Jan 04 j 11:37	27°♏29'54	
	-2830 Jan 06 j 10:18	0°♐	
	-2830 Jan 26 j 02:35	0°♑	
morning set	-2830 Feb 02 j 02:08	12°♑34'01	
max. Earth dist.	-2830 Feb 06 j 06:02	20°♑33'38	1.35135 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2830 Feb 10 j 22:49	29°♑59'59	-1°-21'-30
minimum elong	-2830 Feb 11 j 02:04	0°♒16'38	1°21'07
	-2830 Feb 10 j 22:49	0°♒	
evening rise	-2830 Feb 18 j 16:20	16°♒01'14	
asc. node	-2830 Feb 19 j 19:04	18°♒18'03	
	-2830 Feb 25 j 20:22	0°♓	
evening max el	-2830 Mar 09 j 12:03	16°♓19'25	20°41'33
retrograde	-2830 Mar 20 j 15:03	21°♓38'09	
evening set	-2830 Mar 22 j 22:09	21°♓25'29	
inferior conj	-2830 Apr 01 j 00:42	17°♓28'04	0°23'42
minimum elong	-2830 Apr 01 j 01:47	17°♓26'30	0°23'18
min. Earth dist.	-2830 Apr 02 j 05:55	16°♓45'56	0.55243 AU
desc. node	-2830 Apr 02 j 10:37	16°♓39'11	
morning rise	-2830 Apr 10 j 03:47	13°♓14'10	
direct	-2830 Apr 13 j 13:20	12°♓49'03	
morning max el	-2830 Apr 26 j 19:43	19°♓16'15	22°59'24
	-2830 May 05 j 16:11	0°♈	
asc. node	-2830 May 18 j 18:30	23°♈35'47	
morning set	-2830 May 19 j 12:04	25°♈07'05	
	-2830 May 21 j 19:33	0°♉	
superior conj	-2830 May 26 j 16:50	10°♉26'55	1°14'25
minimum elong	-2830 May 26 j 14:15	10°♉13'08	1°14'04
max. Earth dist.	-2830 May 29 j 06:38	15°♉53'18	1.33964 AU
evening rise	-2830 Jun 03 j 10:41	26°♉25'14	
	-2830 Jun 05 j 06:42	0°♊	
	-2830 Jun 23 j 00:47	0°♋	
desc. node	-2830 Jun 29 j 09:41	8°♋40'57	
evening max el	-2830 Jul 07 j 15:28	17°♋56'36	27°18'28
retrograde	-2830 Jul 21 j 03:13	25°♋19'11	
evening set	-2830 Jul 28 j 04:36	22°♋34'09	
min. Earth dist.	-2830 Jul 31 j 21:52	19°♋04'25	0.64465 AU
inferior conj	-2830 Aug 03 j 04:57	16°♋34'30	-3°-23'00
minimum elong	-2830 Aug 03 j 09:00	16°♋23'26	3°21'52
morning rise	-2830 Aug 09 j 15:03	11°♋05'22	
direct	-2830 Aug 12 j 07:06	10°♋28'17	
asc. node	-2830 Aug 14 j 17:47	10°♋59'23	
morning max el	-2830 Aug 18 j 19:29	13°♋56'56	18°04'26
	-2830 Aug 30 j 00:49	0°♌	
morning set	-2830 Sep 05 j 12:04	10°♌54'13	
	-2830 Sep 16 j 23:40	0°♍	
superior conj	-2830 Sep 18 j 23:48	3°♍14'58	0°40'22
minimum elong	-2830 Sep 19 j 04:15	3°♍32'53	0°39'51
max. Earth dist.	-2830 Sep 23 j 13:31	10°♍33'56	1.44430 AU
desc. node	-2830 Sep 25 j 09:08	13°♍26'38	
evening rise	-2830 Oct 05 j 12:12	29°♍14'55	
	-2830 Oct 05 j 23:53	0°♎	
greatest brilliancy	-2830 Oct 24 j 17:27	28°♎03'54	-0.6m
	-2830 Oct 26 j 03:30	0°♏	
evening max el	-2830 Oct 31 j 18:11	6°♏46'45	20°04'57
retrograde	-2830 Nov 08 j 10:34	11°♏16'53	
asc. node	-2830 Nov 10 j 16:53	10°♏47'16	
evening set	-2830 Nov 12 j 00:17	10°♏02'38	
inferior conj	-2830 Nov 17 j 13:08	3°♏57'40	2°12'00
minimum elong	-2830 Nov 17 j 10:28	4°♏06'30	2°11'02
min. Earth dist.	-2830 Nov 18 j 09:43	2°♏49'02	0.66685 AU
	-2830 Nov 20 j 15:06	30°℞♎	
morning rise	-2830 Nov 22 j 20:03	27°♎42'12	
direct	-2830 Nov 28 j 14:49	25°♎10'37	
	-2830 Dec 08 j 02:19	0°♏	
morning max el	-2830 Dec 10 j 09:12	2°♏10'17	25°07'01
desc. node	-2830 Dec 22 j 08:39	16°♏40'10	
	-2830 Dec 31 j 13:32	0°♐	
morning set	-2829 Jan 15 j 13:09	24°♐48'05	
	-2829 Jan 18 j 09:52	0°♑	
max. Earth dist.	-2829 Jan 19 j 07:05	1°♑38'15	1.36855 AU

superior conj	-2829 Jan 25 j 12:21	13°♑33'37	-1°-40'-38
minimum elong	-2829 Jan 25 j 15:34	13°♑49'27	1°40'26
evening rise	-2829 Feb 02 j 19:42	0°♒14'06	
	-2829 Feb 02 j 16:54	0°♒	
asc. node	-2829 Feb 06 j 16:07	7°♒49'58	
evening max el	-2829 Feb 20 j 01:37	28°♒03'55	19°33'36
	-2829 Feb 22 j 08:57	0°♓	
retrograde	-2829 Mar 01 j 11:48	2°♓33'07	
evening set	-2829 Mar 03 j 18:22	2°♓18'38	
	-2829 Mar 09 j 08:34	30°℞♒	
inferior conj	-2829 Mar 12 j 05:34	28°♒13'43	2°08'15
minimum elong	-2829 Mar 12 j 10:09	28°♒06'21	2°06'52
min. Earth dist.	-2829 Mar 14 j 20:29	26°♒33'15	0.56188 AU
desc. node	-2829 Mar 20 j 07:43	23°♒43'48	
morning rise	-2829 Mar 20 j 22:21	23°♒30'57	
direct	-2829 Mar 25 j 10:15	22°♒45'22	
morning max el	-2829 Apr 08 j 11:02	29°♒51'06	24°38'50
	-2829 Apr 08 j 14:45	0°♓	
	-2829 Apr 28 j 23:54	0°♈	
morning set	-2829 May 04 j 00:13	10°♈08'35	
asc. node	-2829 May 05 j 15:32	13°♈36'54	
superior conj	-2829 May 11 j 01:47	25°♈21'22	0°54'07
minimum elong	-2829 May 10 j 23:38	25°♈09'45	0°53'44
max. Earth dist.	-2829 May 12 j 12:56	28°♈31'23	1.33129 AU
	-2829 May 13 j 05:26	0°♉	
evening rise	-2829 May 18 j 09:40	10°♉50'33	
	-2829 May 28 j 13:33	0°♊	
desc. node	-2829 Jun 16 j 06:43	26°♊56'48	
	-2829 Jun 19 j 03:56	0°♋	
evening max el	-2829 Jun 20 j 00:54	0°♋51'08	27°23'27
retrograde	-2829 Jul 03 j 19:44	8°♋12'47	
evening set	-2829 Jul 10 j 23:34	5°♋41'06	
min. Earth dist.	-2829 Jul 14 j 13:37	2°♋41'38	0.62812 AU
inferior conj	-2829 Jul 17 j 10:02	29°♊55'00	-4°00'-16
minimum elong	-2829 Jul 17 j 13:40	29°♊46'07	3°59'34
	-2829 Jul 17 j 08:00	30°℞♊	
morning rise	-2829 Jul 24 j 06:01	24°♊44'48	
direct	-2829 Jul 26 j 18:54	24°♊14'55	
asc. node	-2829 Aug 01 j 14:49	26°♊53'31	
morning max el	-2829 Aug 02 j 10:28	27°♊39'22	17°55'19
	-2829 Aug 04 j 13:11	0°♋	
morning set	-2829 Aug 18 j 20:12	23°♋11'45	
	-2829 Aug 22 j 16:33	0°♌	
superior conj	-2829 Aug 30 j 10:00	13°♌19'03	1°16'40
minimum elong	-2829 Aug 30 j 15:28	13°♌42'02	1°16'08
max. Earth dist.	-2829 Sep 06 j 04:04	24°♌28'33	1.43309 AU
	-2829 Sep 09 j 14:38	0°♍	
desc. node	-2829 Sep 12 j 06:08	4°♍11'02	
evening rise	-2829 Sep 14 j 17:04	8°♍01'16	
	-2829 Sep 29 j 07:00	0°♎	
greatest brilliancy	-2829 Oct 09 j 10:23	14°♎02'46	-0.5m
evening max el	-2829 Oct 14 j 17:43	20°♎13'46	21°12'07
retrograde	-2829 Oct 23 j 07:31	25°♎18'48	
evening set	-2829 Oct 27 j 07:58	23°♎47'51	
asc. node	-2829 Oct 28 j 13:55	22°♎42'26	
inferior conj	-2829 Nov 01 j 18:00	17°♎33'41	1°23'56
minimum elong	-2829 Nov 01 j 16:10	17°♎40'00	1°23'10
min. Earth dist.	-2829 Nov 02 j 03:08	17°♎02'21	0.67241 AU
morning rise	-2829 Nov 07 j 00:01	11°♎17'05	
direct	-2829 Nov 12 j 03:20	9°♎05'50	
morning max el	-2829 Nov 22 j 18:01	15°♎25'31	23°41'47
	-2829 Dec 04 j 16:33	0°♏	
desc. node	-2829 Dec 09 j 05:41	6°♏23'20	
	-2829 Dec 24 j 13:03	0°♐	
morning set	-2829 Dec 28 j 00:33	5°♐48'59	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2828 Jan 01 j 02:54	12°♐54'18	1.38879 AU	
superior conj	-2828 Jan 08 j 12:47	26°♐24'25	-1°-53'-29	
minimum elong	-2828 Jan 08 j 14:47	26°♐33'45	1°53'30	
	-2828 Jan 10 j 10:20	0°♑		
evening rise	-2828 Jan 17 j 15:48	14°♑00'05		
asc. node	-2828 Jan 24 j 13:09	26°♑57'44		
	-2828 Jan 26 j 07:37	0°♒		
evening max el	-2828 Feb 03 j 00:55	10°♒22'57	18°44'58	
retrograde	-2828 Feb 11 j 01:49	14°♒16'21		
evening set	-2828 Feb 13 j 11:30	13°♒56'49		
inferior conj	-2828 Feb 21 j 05:15	9°♒33'50	3°18'39	
minimum elong	-2828 Feb 21 j 09:26	9°♒26'01	3°17'47	
min. Earth dist.	-2828 Feb 24 j 12:49	7°♒06'45	0.57824 AU	
morning rise	-2828 Feb 29 j 03:35	4°♒21'33		
direct	-2828 Mar 05 j 19:55	3°♒02'29		
desc. node	-2828 Mar 06 j 04:48	3°♒02'50		
morning max el	-2828 Mar 20 j 02:45	10°♒30'32	26°07'59	
	-2828 Apr 04 j 00:46	0°♓		
morning set	-2828 Apr 17 j 11:49	25°♓08'29		
	-2828 Apr 19 j 18:43	0°♈		
asc. node	-2828 Apr 21 j 12:34	3°♈46'15		
superior conj	-2828 Apr 24 j 12:58	10°♈21'44	0°31'13	
minimum elong	-2828 Apr 24 j 11:38	10°♈14'24	0°30'57	
max. Earth dist.	-2828 Apr 25 j 00:39	11°♈25'36	1.32646 AU	
evening rise	-2828 May 01 j 15:04	25°♈34'28		
	-2828 May 03 j 19:00	0°♉		
	-2828 May 21 j 05:59	0°♊		
evening max el	-2828 Jun 01 j 05:40	13°♊08'25	26°55'43	
desc. node	-2828 Jun 02 j 03:45	13°♊59'52		
retrograde	-2828 Jun 15 j 05:03	20°♊27'40		
evening set	-2828 Jun 22 j 01:19	18°♊22'56		
min. Earth dist.	-2828 Jun 25 j 19:12	15°♊41'10	0.60871 AU	
inferior conj	-2828 Jun 29 j 01:49	12°♊53'10	-4°-23'-12	
minimum elong	-2828 Jun 29 j 03:35	12°♊49'22	4°23'01	
morning rise	-2828 Jul 06 j 08:52	8°♊04'43		
direct	-2828 Jul 08 j 20:31	7°♊40'06		
morning max el	-2828 Jul 15 j 23:18	11°♊09'58	18°05'06	
asc. node	-2828 Jul 18 j 11:53	13°♊58'00		
	-2828 Jul 28 j 11:25	0°♋		
morning set	-2828 Jul 31 j 21:47	6°♋19'55		
superior conj	-2828 Aug 10 j 23:28	24°♋44'26	1°38'43	
minimum elong	-2828 Aug 11 j 02:58	24°♋59'59	1°38'33	
	-2828 Aug 13 j 23:24	0°♌		
max. Earth dist.	-2828 Aug 18 j 13:18	7°♌48'07	1.41673 AU	
evening rise	-2828 Aug 24 j 08:27	17°♌18'10		
desc. node	-2828 Aug 29 j 03:06	24°♌50'41		
	-2828 Sep 01 j 11:36	0°♍		
greatest brilliancy	-2828 Sep 21 j 17:09	28°♍19'39	-0.3m	
	-2828 Sep 23 j 02:49	0°♎		
evening max el	-2828 Sep 26 j 11:13	3°♎40'02	22°28'37	
retrograde	-2828 Oct 06 j 02:37	9°♎23'46		
evening set	-2828 Oct 10 j 15:49	7°♎34'12		
asc. node	-2828 Oct 14 j 10:59	3°♎22'28		
inferior conj	-2828 Oct 16 j 00:34	1°♎14'20	0°32'13	
minimum elong	-2828 Oct 15 j 23:49	1°♎16'54	0°31'54	
min. Earth dist.	-2828 Oct 15 j 23:10	1°♎19'08	0.67478 AU	
	-2828 Oct 16 j 22:11	30°℞♍		
morning rise	-2828 Oct 21 j 07:43	24°♍59'10		
direct	-2828 Oct 25 j 19:58	23°♍10'06		
morning max el	-2828 Nov 04 j 05:56	28°♍45'18	22°15'34	
	-2828 Nov 05 j 10:28	0°♎		
greatest brilliancy	-2828 Nov 08 j 22:47	4°♎03'44	-0.3m	
desc. node	-2828 Nov 25 j 02:41	26°♎29'15		
	-2828 Nov 27 j 10:40	0°♏		
morning set	-2828 Dec 07 j 07:19	15°♏25'37		
max. Earth dist.	-2828 Dec 13 j 00:59	24°♏52'49	1.40952 AU	
	-2828 Dec 16 j 01:12	0°♐		
superior conj	-2828 Dec 20 j 19:00	8°♐18'27	-1°-56'-41	
minimum elong	-2828 Dec 20 j 18:09	8°♐14'39	1°56'46	
evening rise	-2828 Dec 31 j 01:28	27°♐10'59		
	-2827 Jan 01 j 13:40	0°♑		
asc. node	-2827 Jan 10 j 10:11	15°♑32'53		
evening max el	-2827 Jan 16 j 07:29	23°♑09'03	18°16'29	
retrograde	-2827 Jan 23 j 10:18	26°♑42'23		
evening set	-2827 Jan 25 j 23:11	26°♑16'15		
inferior conj	-2827 Feb 02 j 01:30	21°♑31'48	3°53'02	
minimum elong	-2827 Feb 02 j 03:13	21°♑28'05	3°52'49	
min. Earth dist.	-2827 Feb 05 j 09:48	18°♑38'51	0.59812 AU	
morning rise	-2827 Feb 09 j 04:04	15°♑56'53		
direct	-2827 Feb 15 j 17:49	13°♑59'08		
desc. node	-2827 Feb 21 j 01:53	15°♑11'35		
morning max el	-2827 Mar 01 j 23:40	21°♑39'27	27°12'14	
	-2827 Mar 09 j 07:22	0°♒		
	-2827 Mar 27 j 21:18	0°♓		
morning set	-2827 Apr 01 j 21:05	10°♓00'02		
asc. node	-2827 Apr 08 j 09:36	23°♓58'58		
max. Earth dist.	-2827 Apr 08 j 13:58	24°♓22'52	1.32502 AU	
superior conj	-2827 Apr 09 j 00:41	25°♓21'34	0°06'37	
minimum elong	-2827 Apr 09 j 00:23	25°♓19'56	0°06'33	
behind sun begin	-2827 Apr 08 j 19:48	24°♓54'50		
behind sun end	-2827 Apr 09 j 04:58	25°♓45'03		
	-2827 Apr 11 j 03:33	0°♈		
evening rise	-2827 Apr 16 j 00:26	10°♈28'22		
	-2827 Apr 26 j 02:53	0°♉		
evening max el	-2827 May 14 j 03:57	24°♉42'03	25°56'35	
desc. node	-2827 May 20 j 00:48	29°♉20'32		
	-2827 May 21 j 04:15	0°♊		
retrograde	-2827 May 28 j 05:53	1°♊57'23		
evening set	-2827 Jun 03 j 06:00	0°♊29'47		
	-2827 Jun 04 j 05:27	30°℞♉		
min. Earth dist.	-2827 Jun 07 j 16:27	27°♉48'13	0.58815 AU	
inferior conj	-2827 Jun 11 j 00:38	25°♉19'36	-4°-23'-16	
minimum elong	-2827 Jun 10 j 23:00	25°♉22'41	4°23'08	
morning rise	-2827 Jun 18 j 19:50	20°♉53'45		
direct	-2827 Jun 21 j 07:23	20°♉33'15		
morning max el	-2827 Jun 29 j 07:07	24°♉20'34	18°34'47	
	-2827 Jul 04 j 01:01	0°♊		
asc. node	-2827 Jul 05 j 08:57	1°♊57'53		
morning set	-2827 Jul 15 j 12:09	20°♊06'51		
	-2827 Jul 20 j 14:59	0°♋		
superior conj	-2827 Jul 24 j 11:36	7°♋18'38	1°48'00	
minimum elong	-2827 Jul 24 j 12:33	7°♋23'06	1°48'04	
max. Earth dist.	-2827 Jul 31 j 16:58	20°♋23'12	1.39748 AU	
evening rise	-2827 Aug 04 j 23:33	27°♋43'11		
	-2827 Aug 06 j 08:18	0°♌		
desc. node	-2827 Aug 16 j 00:04	15°♌22'04		
	-2827 Aug 26 j 01:14	0°♍		
evening max el	-2827 Sep 09 j 00:12	17°♍08'05	23°49'08	
retrograde	-2827 Sep 19 j 18:39	23°♍29'14		
evening set	-2827 Sep 24 j 22:06	21°♍20'26		
inferior conj	-2827 Sep 30 j 07:06	14°♍58'33	0°-21'-26	
minimum elong	-2827 Sep 30 j 07:36	14°♍56'50	0°21'13	
min. Earth dist.	-2827 Sep 29 j 19:28	15°♍38'09	0.67415 AU	
asc. node	-2827 Oct 01 j 08:03	13°♍34'14		
morning rise	-2827 Oct 05 j 17:16	8°♍47'41		
direct	-2827 Oct 09 j 15:55	7°♍19'43		
morning max el	-2827 Oct 17 j 23:54	12°♍12'55	20°55'53	
greatest brilliancy	-2827 Oct 23 j 17:55	18°♍58'17	-0.5m	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2827 Oct 31 j 17:03	0°♎	
desc. node	-2827 Nov 11 j 23:40	16°♎51'27	
morning set	-2827 Nov 16 j 12:41	23°♎52'57	
	-2827 Nov 20 j 09:59	0°♏	
max. Earth dist.	-2827 Nov 25 j 05:30	7°♏43'44	1.42786 AU
superior conj	-2827 Dec 02 j 01:25	19°♏02'38	-1°-46'-13
minimum elong	-2827 Dec 01 j 20:32	18°♏42'02	1°45'59
	-2827 Dec 08 j 10:10	0°♐	
evening rise	-2827 Dec 13 j 20:54	9°♐38'47	
	-2827 Dec 25 j 19:44	0°♑	
asc. node	-2827 Dec 28 j 07:13	3°♑25'32	
evening max el	-2827 Dec 30 j 18:31	6°♑14'40	18°07'53
retrograde	-2826 Jan 06 j 09:50	9°♑41'44	
evening set	-2826 Jan 09 j 01:56	9°♑07'58	
inferior conj	-2826 Jan 15 j 15:45	4°♑02'00	3°58'50
minimum elong	-2826 Jan 15 j 15:00	4°♑03'53	3°58'42
min. Earth dist.	-2826 Jan 18 j 14:28	1°♑07'17	0.61829 AU
	-2826 Jan 19 j 19:44	30°℞♐	
morning rise	-2826 Jan 22 j 01:45	28°♐11'54	
direct	-2826 Jan 29 j 01:55	25°♐42'02	
desc. node	-2826 Feb 07 j 22:58	29°♐49'03	
	-2826 Feb 08 j 04:37	0°♑	
morning max el	-2826 Feb 12 j 02:43	3°♑28'19	27°42'13
	-2826 Mar 03 j 19:09	0°♒	
morning set	-2826 Mar 17 j 02:03	24°♒36'02	
	-2826 Mar 19 j 16:34	0°♓	
max. Earth dist.	-2826 Mar 23 j 01:00	7°♓09'15	1.32714 AU
superior conj	-2826 Mar 24 j 11:17	10°♓15'05	0°-18'-52
minimum elong	-2826 Mar 24 j 12:09	10°♓19'46	0°18'43
asc. node	-2826 Mar 26 j 06:37	14°♓11'00	
evening rise	-2826 Mar 31 j 11:50	25°♓25'11	
	-2826 Apr 02 j 16:43	0°♈	
	-2826 Apr 20 j 17:38	0°♉	
evening max el	-2826 Apr 25 j 20:46	5°♉38'29	24°33'31
desc. node	-2826 May 06 j 21:54	12°♉22'02	
retrograde	-2826 May 09 j 19:49	12°♉41'37	
evening set	-2826 May 14 j 13:00	11°♉51'22	
min. Earth dist.	-2826 May 20 j 08:42	8°♉53'43	0.56946 AU
inferior conj	-2826 May 23 j 03:41	7°♉05'39	-3°-49'-33
minimum elong	-2826 May 22 j 22:22	7°♉14'17	3°48'33
morning rise	-2826 May 31 j 11:48	2°♉59'04	
direct	-2826 Jun 02 j 23:53	2°♉41'40	
morning max el	-2826 Jun 12 j 06:57	7°♉00'52	19°24'59
asc. node	-2826 Jun 22 j 06:01	20°♉39'47	
	-2826 Jun 27 j 06:24	0°♊	
morning set	-2826 Jun 29 j 11:33	4°♊22'26	
superior conj	-2826 Jul 07 j 16:32	20°♊44'18	1°47'10
minimum elong	-2826 Jul 07 j 15:30	20°♊39'13	1°47'14
	-2826 Jul 12 j 12:34	0°♋	
max. Earth dist.	-2826 Jul 13 j 18:58	2°♋21'17	1.37795 AU
evening rise	-2826 Jul 17 j 16:14	9°♋22'53	
	-2826 Jul 30 j 03:16	0°♌	
desc. node	-2826 Aug 02 j 21:05	5°♌39'50	
	-2826 Aug 21 j 19:24	0°♍	
evening max el	-2826 Aug 22 j 11:17	0°♍39'43	25°06'52
retrograde	-2826 Sep 03 j 06:35	7°♍30'49	
evening set	-2826 Sep 09 j 01:04	5°♍04'12	
min. Earth dist.	-2826 Sep 13 j 13:35	29°♌57'27	0.67041 AU
	-2826 Sep 13 j 12:48	30°℞♌	
inferior conj	-2826 Sep 14 j 11:52	28°♌44'10	-1°-15'-28
minimum elong	-2826 Sep 14 j 13:41	28°♌38'14	1°14'42
asc. node	-2826 Sep 18 j 05:09	24°♌16'20	
morning rise	-2826 Sep 20 j 02:45	22°♌40'41	
direct	-2826 Sep 23 j 13:53	21°♌31'11	

morning max el	-2826 Oct 01 j 01:11	25°♌49'18	19°47'57
	-2826 Oct 04 j 16:26	0°♍	
greatest brilliancy	-2826 Oct 09 j 00:26	5°♍49'21	-0.6m
	-2826 Oct 25 j 02:03	0°♎	
morning set	-2826 Oct 26 j 10:44	2°♎06'29	
desc. node	-2826 Oct 29 j 20:39	7°♎24'46	
max. Earth dist.	-2826 Nov 07 j 17:09	21°♎20'35	1.44132 AU
superior conj	-2826 Nov 12 j 04:30	28°♎30'40	-1°-18'-48
minimum elong	-2826 Nov 11 j 21:06	28°♎00'48	1°18'06
	-2826 Nov 13 j 02:36	0°♏	
evening rise	-2826 Nov 25 j 21:37	21°♏14'39	
	-2826 Dec 01 j 01:27	0°♐	
evening max el	-2826 Dec 14 j 07:11	19°♐32'38	18°18'23
asc. node	-2826 Dec 15 j 04:16	20°♐23'21	
retrograde	-2826 Dec 20 j 20:00	23°♐05'18	
evening set	-2826 Dec 23 j 16:05	22°♐22'34	
inferior conj	-2826 Dec 29 j 20:08	16°♐56'32	3°44'19
minimum elong	-2826 Dec 29 j 17:47	17°♐03'04	3°43'53
min. Earth dist.	-2825 Jan 01 j 04:36	14°♐20'04	0.63633 AU
morning rise	-2825 Jan 04 j 17:55	10°♐56'02	
direct	-2825 Jan 11 j 17:54	8°♐08'25	
morning max el	-2825 Jan 25 j 10:15	15°♐54'20	27°35'52
desc. node	-2825 Jan 25 j 20:02	16°♐18'48	
	-2825 Feb 06 j 02:05	0°♑	
	-2825 Feb 24 j 10:48	0°♒	
morning set	-2825 Mar 01 j 00:16	8°♒48'19	
max. Earth dist.	-2825 Mar 06 j 05:59	19°♒32'24	1.33316 AU
superior conj	-2825 Mar 08 j 19:02	24°♒56'24	0°-44'-19
minimum elong	-2825 Mar 08 j 21:02	25°♒07'05	0°43'59
	-2825 Mar 11 j 03:35	0°♓	
asc. node	-2825 Mar 13 j 03:39	4°♓18'24	
evening rise	-2825 Mar 15 j 23:27	10°♓18'44	
	-2825 Mar 26 j 06:03	0°♈	
evening max el	-2825 Apr 07 j 12:50	16°♈19'45	22°59'28
retrograde	-2825 Apr 20 j 20:40	22°♈54'05	
desc. node	-2825 Apr 23 j 19:00	22°♈35'14	
evening set	-2825 Apr 24 j 05:58	22°♈29'01	
min. Earth dist.	-2825 May 01 j 22:50	19°♈03'47	0.55621 AU
inferior conj	-2825 May 03 j 11:38	18°♈10'24	-2°-34'-11
minimum elong	-2825 May 03 j 05:35	18°♈19'12	2°32'24
morning rise	-2825 May 12 j 08:00	14°♈14'00	
direct	-2825 May 14 j 22:38	13°♈57'45	
morning max el	-2825 May 25 j 20:30	19°♈02'31	20°35'21
	-2825 Jun 03 j 11:49	0°♉	
asc. node	-2825 Jun 09 j 03:05	9°♉53'46	
morning set	-2825 Jun 13 j 17:12	18°♉59'26	
	-2825 Jun 19 j 01:19	0°♊	
superior conj	-2825 Jun 21 j 09:30	4°♊47'52	1°38'43
minimum elong	-2825 Jun 21 j 07:17	4°♊36'38	1°38'37
max. Earth dist.	-2825 Jun 26 j 01:58	14°♊08'55	1.36044 AU
evening rise	-2825 Jun 30 j 06:23	22°♊07'00	
	-2825 Jul 04 j 14:59	0°♋	
desc. node	-2825 Jul 20 j 18:06	25°♋37'30	
	-2825 Jul 23 j 21:53	0°♌	
evening max el	-2825 Aug 04 j 22:33	14°♌13'07	26°13'48
retrograde	-2825 Aug 17 j 13:41	21°♌23'23	
evening set	-2825 Aug 23 j 22:40	18°♌43'00	
min. Earth dist.	-2825 Aug 28 j 02:58	14°♌14'14	0.66333 AU
inferior conj	-2825 Aug 29 j 13:02	12°♌28'29	-2°-8'-9
minimum elong	-2825 Aug 29 j 16:02	12°♌19'11	2°06'59
morning rise	-2825 Sep 04 j 10:14	6°♌35'47	
asc. node	-2825 Sep 05 j 02:15	6°♌14'49	
direct	-2825 Sep 07 j 12:10	5°♌41'25	
morning max el	-2825 Sep 14 j 09:12	9°♌33'13	18°54'44

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2825 Sep 28 j 22:38	0°♍	
morning set	-2825 Oct 06 j 00:56	11°♍12'47	
desc. node	-2825 Oct 16 j 17:37	28°♍05'21	
	-2825 Oct 17 j 22:46	0°♎	
max. Earth dist.	-2825 Oct 21 j 10:11	5°♎28'24	1.44824 AU
superior conj	-2825 Oct 22 j 09:19	6°♎59'33	0°-35'-40
minimum elong	-2825 Oct 22 j 04:43	6°♎41'27	0°35'06
	-2825 Nov 05 j 19:54	0°♏	
evening rise	-2825 Nov 06 j 23:23	1°♏50'57	
	-2825 Nov 25 j 05:22	0°♐	
evening max el	-2825 Nov 27 j 18:47	2°♐56'46	18°46'53
asc. node	-2825 Dec 02 j 01:20	6°♐11'15	
retrograde	-2825 Dec 04 j 12:55	6°♐45'04	
evening set	-2825 Dec 07 j 14:21	5°♐51'46	
inferior conj	-2825 Dec 13 j 10:57	0°♐07'58	3°15'41
minimum elong	-2825 Dec 13 j 07:56	0°♐17'07	3°14'55
	-2825 Dec 13 j 13:34	30°℞♏	
min. Earth dist.	-2825 Dec 15 j 04:24	28°♏02'07	0.65107 AU
morning rise	-2825 Dec 19 j 00:28	23°♏59'48	
direct	-2825 Dec 25 j 16:24	21°♏09'41	
morning max el	-2824 Jan 07 j 19:47	28°♏46'58	26°56'43
	-2824 Jan 09 j 00:21	0°♐	
desc. node	-2824 Jan 12 j 17:05	4°♐08'04	
	-2824 Jan 30 j 21:19	0°♑	
morning set	-2824 Feb 12 j 12:24	22°♑25'03	
	-2824 Feb 16 j 09:01	0°♒	
max. Earth dist.	-2824 Feb 17 j 01:13	1°♒21'32	1.34347 AU
superior conj	-2824 Feb 20 j 21:46	9°♒17'19	-1°-8'-36
minimum elong	-2824 Feb 21 j 00:41	9°♒32'34	1°08'12
evening rise	-2824 Feb 28 j 09:25	25°♒01'20	
asc. node	-2824 Feb 28 j 00:40	24°♒15'52	
	-2824 Mar 01 j 19:43	0°♓	
evening max el	-2824 Mar 19 j 10:12	27°♓11'28	21°28'19
	-2824 Mar 22 j 19:47	0°♈	
retrograde	-2824 Mar 31 j 11:25	3°♈00'18	
evening set	-2824 Apr 03 j 00:00	2°♈45'49	
desc. node	-2824 Apr 09 j 16:06	0°♈12'36	
	-2824 Apr 10 j 01:34	30°℞♓	
inferior conj	-2824 Apr 12 j 07:36	28°♓45'15	0°-44'-25
minimum elong	-2824 Apr 12 j 05:31	28°♓48'11	0°43'43
min. Earth dist.	-2824 Apr 12 j 12:22	28°♓38'34	0.55115 AU
morning rise	-2824 Apr 21 j 11:16	24°♓43'31	
direct	-2824 Apr 24 j 10:47	24°♓24'04	
	-2824 May 06 j 13:48	0°♈	
morning max el	-2824 May 06 j 23:06	0°♈21'27	22°03'25
asc. node	-2824 May 26 j 00:08	29°♈30'53	
	-2824 May 26 j 05:53	0°♉	
morning set	-2824 May 28 j 02:49	3°♉50'37	
superior conj	-2824 Jun 04 j 10:45	19°♉17'49	1°24'34
minimum elong	-2824 Jun 04 j 08:08	19°♉04'02	1°24'17
max. Earth dist.	-2824 Jun 07 j 18:05	26°♉09'21	1.34616 AU
	-2824 Jun 09 j 15:38	0°♊	
evening rise	-2824 Jun 12 j 12:40	5°♊40'17	
	-2824 Jun 26 j 07:49	0°♋	
desc. node	-2824 Jul 06 j 15:10	15°♋06'09	
evening max el	-2824 Jul 17 j 10:08	27°♋40'07	27°02'02
	-2824 Jul 20 j 00:05	0°♌	
retrograde	-2824 Jul 30 j 15:31	5°♌00'06	
evening set	-2824 Aug 06 j 12:28	2°♌13'29	
	-2824 Aug 08 j 21:40	30°℞♋	
min. Earth dist.	-2824 Aug 10 j 09:16	28°♋23'14	0.65256 AU
inferior conj	-2824 Aug 12 j 08:28	26°♋07'46	-2°-57'-22
minimum elong	-2824 Aug 12 j 12:19	25°♋56'42	2°56'06
morning rise	-2824 Aug 18 j 13:28	20°♋29'16	
direct	-2824 Aug 21 j 08:30	19°♋46'45	
asc. node	-2824 Aug 21 j 23:20	19°♋48'50	
morning max el	-2824 Aug 27 j 22:01	23°♋21'07	18°17'55
	-2824 Sep 02 j 05:30	0°♌	
morning set	-2824 Sep 15 j 18:25	21°♌39'39	
	-2824 Sep 20 j 20:33	0°♍	
superior conj	-2824 Sep 30 j 10:23	15°♍23'14	0°13'57
minimum elong	-2824 Sep 30 j 12:09	15°♍30'15	0°13'45
behind sun begin	-2824 Sep 30 j 06:09	15°♍06'27	
behind sun end	-2824 Sep 30 j 18:08	15°♍54'02	
desc. node	-2824 Oct 02 j 14:37	18°♍50'01	
max. Earth dist.	-2824 Oct 03 j 04:55	19°♍46'32	1.44779 AU
	-2824 Oct 09 j 17:06	0°♎	
evening rise	-2824 Oct 17 j 00:53	11°♎26'50	
	-2824 Oct 29 j 00:21	0°♏	
greatest brilliancy	-2824 Nov 01 j 10:07	5°♏05'26	-0.7m
evening max el	-2824 Nov 10 j 02:56	16°♏23'27	19°32'03
retrograde	-2824 Nov 17 j 09:23	20°♏36'20	
asc. node	-2824 Nov 17 j 22:24	20°♏34'39	
evening set	-2824 Nov 20 j 18:01	19°♏30'21	
inferior conj	-2824 Nov 26 j 09:09	13°♏31'54	2°37'20
minimum elong	-2824 Nov 26 j 06:13	13°♏41'27	2°36'22
min. Earth dist.	-2824 Nov 27 j 12:49	12°♏02'06	0.66211 AU
morning rise	-2824 Dec 01 j 17:41	7°♏18'21	
direct	-2824 Dec 07 j 20:46	4°♏37'46	
morning max el	-2824 Dec 20 j 05:13	11°♏55'06	25°52'07
desc. node	-2824 Dec 29 j 14:07	22°♏53'49	
	-2823 Jan 03 j 18:48	0°♐	
	-2823 Jan 22 j 12:48	0°♑	
morning set	-2823 Jan 25 j 10:11	5°♑13'57	
max. Earth dist.	-2823 Jan 29 j 08:48	12°♑38'43	1.35825 AU
superior conj	-2823 Feb 03 j 17:01	23°♑10'38	-1°-30'-12
minimum elong	-2823 Feb 03 j 20:22	23°♑27'31	1°29'53
	-2823 Feb 07 j 01:23	0°♒	
evening rise	-2823 Feb 11 j 15:50	9°♒27'03	
asc. node	-2823 Feb 13 j 21:42	13°♒58'42	
	-2823 Feb 22 j 20:20	0°♓	
evening max el	-2823 Mar 01 j 17:21	8°♓34'00	20°10'15
retrograde	-2823 Mar 12 j 02:44	13°♓31'00	
evening set	-2823 Mar 14 j 08:40	13°♓18'06	
inferior conj	-2823 Mar 23 j 05:18	9°♓18'45	1°11'24
minimum elong	-2823 Mar 23 j 08:20	9°♓14'12	1°10'21
min. Earth dist.	-2823 Mar 25 j 02:25	8°♓11'16	0.55545 AU
desc. node	-2823 Mar 27 j 13:11	6°♓48'40	
morning rise	-2823 Apr 01 j 05:26	4°♓53'34	
direct	-2823 Apr 05 j 00:58	4°♓21'44	
morning max el	-2823 Apr 18 j 17:15	11°♓06'55	23°42'03
	-2823 May 02 j 19:22	0°♈	
morning set	-2823 May 12 j 14:31	18°♈49'59	
asc. node	-2823 May 12 j 21:09	19°♈24'47	
	-2823 May 17 j 19:56	0°♉	
superior conj	-2823 May 19 j 17:32	4°♉05'30	1°06'10
minimum elong	-2823 May 19 j 15:05	3°♉52'21	1°05'48
max. Earth dist.	-2823 May 21 j 19:39	8°♉33'07	1.33561 AU
evening rise	-2823 May 27 j 06:35	19°♉49'37	
	-2823 Jun 01 j 13:03	0°♊	
	-2823 Jun 20 j 10:20	0°♋	
desc. node	-2823 Jun 23 j 12:13	3°♋53'17	
evening max el	-2823 Jun 29 j 20:44	10°♋49'10	27°24'25
retrograde	-2823 Jul 13 j 11:46	18°♋12'08	
evening set	-2823 Jul 20 j 15:23	15°♋30'41	
min. Earth dist.	-2823 Jul 24 j 06:32	12°♋15'22	0.63801 AU
inferior conj	-2823 Jul 26 j 19:36	9°♋36'34	-3°-40'-12
minimum elong	-2823 Jul 26 j 23:37	9°♋26'04	3°39'12

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning rise	-2823 Aug 02 j 09:47	4°♋15'29	
direct	-2823 Aug 05 j 00:14	3°♋41'48	
asc. node	-2823 Aug 08 j 20:24	4°♋55'17	
morning max el	-2823 Aug 11 j 13:03	7°♋07'25	17°58'23
	-2823 Aug 26 j 15:31	0°♌	
morning set	-2823 Aug 28 j 13:55	3°♌20'31	
superior conj	-2823 Sep 10 j 05:11	24°♌41'35	0°57'28
minimum elong	-2823 Sep 10 j 10:35	25°♌03'44	0°56'52
	-2823 Sep 13 j 11:24	0°♍	
max. Earth dist.	-2823 Sep 15 j 21:31	3°♍53'31	1.44019 AU
desc. node	-2823 Sep 19 j 11:36	9°♍35'12	
evening rise	-2823 Sep 26 j 08:32	20°♍18'19	
	-2823 Oct 02 j 16:30	0°♎	
greatest brilliancy	-2823 Oct 18 j 01:29	22°♎23'07	-0.5m
evening max el	-2823 Oct 24 j 05:48	29°♎49'51	20°32'02
	-2823 Oct 24 j 09:46	0°♏	
retrograde	-2823 Nov 01 j 06:49	4°♏34'40	
asc. node	-2823 Nov 04 j 19:28	3°♏22'58	
evening set	-2823 Nov 05 j 00:46	3°♏13'38	
	-2823 Nov 08 j 06:25	30°℞♎	
inferior conj	-2823 Nov 10 j 12:12	27°♎04'05	1°52'11
minimum elong	-2823 Nov 10 j 09:51	27°♎12'02	1°51'16
min. Earth dist.	-2823 Nov 11 j 03:44	26°♎11'28	0.66957 AU
morning rise	-2823 Nov 15 j 18:27	20°♎47'36	
direct	-2823 Nov 21 j 06:33	18°♎24'22	
morning max el	-2823 Dec 02 j 13:51	25°♎08'45	24°31'27
	-2823 Dec 06 j 23:47	0°♏	
desc. node	-2823 Dec 16 j 11:07	12°♏19'08	
	-2823 Dec 28 j 07:10	0°♐	
morning set	-2822 Jan 07 j 11:57	16°♐58'58	
max. Earth dist.	-2822 Jan 11 j 06:41	23°♐43'22	1.37691 AU
	-2822 Jan 14 j 16:15	0°♑	
superior conj	-2822 Jan 18 j 01:29	6°♑27'00	-1°-47'-2
minimum elong	-2822 Jan 18 j 04:22	6°♑40'52	1°46'56
evening rise	-2822 Jan 26 j 16:26	23°♑29'08	
	-2822 Jan 30 j 00:15	0°♒	
asc. node	-2822 Jan 31 j 18:43	3°♒21'05	
evening max el	-2822 Feb 12 j 11:14	20°♒33'34	19°10'26
retrograde	-2822 Feb 21 j 06:17	24°♒45'52	
evening set	-2822 Feb 23 j 13:49	24°♒29'40	
inferior conj	-2822 Mar 03 j 17:33	20°♒18'00	2°42'44
minimum elong	-2822 Mar 03 j 22:23	20°♒09'45	2°41'28
min. Earth dist.	-2822 Mar 06 j 17:48	18°♒15'24	0.56815 AU
morning rise	-2822 Mar 12 j 03:00	15°♒21'37	
desc. node	-2822 Mar 14 j 10:14	14°♒40'26	
direct	-2822 Mar 17 j 03:10	14°♒23'07	
morning max el	-2822 Mar 31 j 08:11	21°♒40'58	25°18'58
	-2822 Apr 07 j 14:23	0°♓	
	-2822 Apr 25 j 05:58	0°♈	
morning set	-2822 Apr 27 j 02:38	3°♈51'45	
asc. node	-2822 Apr 29 j 18:10	9°♈30'07	
superior conj	-2822 May 04 j 03:42	19°♈03'43	0°44'40
minimum elong	-2822 May 04 j 01:51	18°♈53'42	0°44'20
max. Earth dist.	-2822 May 05 j 04:32	21°♈18'47	1.32874 AU
	-2822 May 09 j 05:49	0°♉	
evening rise	-2822 May 11 j 08:37	4°♉24'10	
	-2822 May 25 j 06:15	0°♊	
desc. node	-2822 Jun 10 j 09:15	21°♊41'36	
evening max el	-2822 Jun 12 j 04:21	23°♊28'59	27°15'45
	-2822 Jun 21 j 16:09	0°♋	
retrograde	-2822 Jun 26 j 01:43	0°♋50'40	
	-2822 Jun 30 j 07:10	30°℞♊	
evening set	-2822 Jul 03 j 03:37	28°♊28'38	
min. Earth dist.	-2822 Jul 06 j 18:00	25°♊38'38	0.62006 AU
inferior conj	-2822 Jul 09 j 19:29	22°♊48'51	-4°-12'-14
minimum elong	-2822 Jul 09 j 22:31	22°♊41'48	4°11'46
morning rise	-2822 Jul 16 j 20:03	17°♊47'48	
direct	-2822 Jul 19 j 08:03	17°♊20'31	
morning max el	-2822 Jul 26 j 03:33	20°♊46'17	17°57'08
asc. node	-2822 Jul 26 j 17:28	21°♊21'29	
	-2822 Aug 02 j 02:11	0°♋	
morning set	-2822 Aug 11 j 06:09	16°♋01'15	
	-2822 Aug 19 j 01:28	0°♌	
superior conj	-2822 Aug 22 j 03:20	5°♌21'21	1°27'43
minimum elong	-2822 Aug 22 j 08:10	5°♌42'09	1°27'20
max. Earth dist.	-2822 Aug 29 j 09:25	17°♌32'46	1.42660 AU
evening rise	-2822 Sep 05 j 15:33	29°♌11'13	
desc. node	-2822 Sep 06 j 08:36	0°♍18'03	
	-2822 Sep 06 j 03:59	0°♍	
	-2822 Sep 26 j 09:29	0°♎	
greatest brilliancy	-2822 Oct 02 j 05:09	7°♎40'23	-0.4m
evening max el	-2822 Oct 07 j 02:39	13°♎16'03	21°43'47
retrograde	-2822 Oct 16 j 03:12	18°♎37'44	
evening set	-2822 Oct 20 j 08:43	16°♎59'17	
asc. node	-2822 Oct 22 j 16:32	14°♎42'02	
inferior conj	-2822 Oct 25 j 18:02	10°♎42'14	1°02'22
minimum elong	-2822 Oct 25 j 16:38	10°♎47'05	1°01'46
min. Earth dist.	-2822 Oct 25 j 22:41	10°♎26'12	0.67378 AU
morning rise	-2822 Oct 31 j 00:16	4°♎25'39	
direct	-2822 Nov 04 j 21:04	2°♎23'36	
morning max el	-2822 Nov 14 j 23:29	8°♎25'01	23°04'38
greatest brilliancy	-2822 Nov 19 j 22:32	13°♎59'25	-0.3m
	-2822 Dec 01 j 19:40	0°♏	
desc. node	-2822 Dec 03 j 08:08	2°♏12'40	
morning set	-2822 Dec 19 j 11:31	27°♏24'24	
	-2822 Dec 21 j 00:46	0°♐	
max. Earth dist.	-2822 Dec 24 j 01:59	5°♐11'45	1.39769 AU
superior conj	-2822 Dec 31 j 18:51	18°♐55'16	-1°-56'-16
minimum elong	-2822 Dec 31 j 19:50	18°♐59'49	1°56'20
	-2821 Jan 06 j 16:34	0°♑	
evening rise	-2821 Jan 10 j 08:29	7°♑00'46	
asc. node	-2821 Jan 18 j 15:44	22°♑16'00	
	-2821 Jan 23 j 19:55	0°♒	
evening max el	-2821 Jan 26 j 14:05	3°♒05'37	18°30'27
retrograde	-2821 Feb 03 j 04:06	6°♒48'13	
evening set	-2821 Feb 05 j 15:14	6°♒26'01	
inferior conj	-2821 Feb 13 j 02:07	1°♒54'28	3°37'16
minimum elong	-2821 Feb 13 j 05:21	1°♒48'00	3°36'44
	-2821 Feb 15 j 11:34	30°℞♑	
min. Earth dist.	-2821 Feb 16 j 11:53	29°♑13'12	0.58649 AU
morning rise	-2821 Feb 20 j 15:51	26°♑31'37	
direct	-2821 Feb 26 j 18:47	24°♑55'39	
desc. node	-2821 Mar 01 j 07:19	25°♑11'41	
	-2821 Mar 10 j 06:45	0°♒	
morning max el	-2821 Mar 13 j 01:34	2°♒30'13	26°39'00
	-2821 Apr 01 j 20:11	0°♓	
morning set	-2821 Apr 11 j 13:27	18°♓48'50	
asc. node	-2821 Apr 16 j 15:11	29°♓41'23	
	-2821 Apr 16 j 18:35	0°♈	
superior conj	-2821 Apr 18 j 15:19	4°♈04'51	0°20'57
minimum elong	-2821 Apr 18 j 14:24	3°♈59'48	0°20'46
max. Earth dist.	-2821 Apr 18 j 17:16	4°♈15'29	1.32541 AU
evening rise	-2821 Apr 25 j 15:59	19°♈13'35	
	-2821 May 01 j 00:51	0°♉	
	-2821 May 20 j 04:36	0°♊	
evening max el	-2821 May 25 j 06:37	5°♊28'33	26°34'14
desc. node	-2821 May 28 j 06:19	8°♊05'28	
retrograde	-2821 Jun 08 j 07:45	12°♊46'24	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening set	-2821 Jun 14 j 20:46	10°♊57'03	
min. Earth dist.	-2821 Jun 18 j 20:00	8°♊17'13	0.59993 AU
inferior conj	-2821 Jun 22 j 04:30	5°♊34'56	-4°-26'-40
minimum elong	-2821 Jun 22 j 04:59	5°♊33'57	4°26'36
morning rise	-2821 Jun 29 j 16:34	0°♊55'51	
direct	-2821 Jul 02 j 04:00	0°♊33'07	
morning max el	-2821 Jul 09 j 14:34	4°♊09'11	18°15'12
asc. node	-2821 Jul 13 j 14:32	8°♊51'06	
morning set	-2821 Jul 25 j 13:42	29°♊27'11	
	-2821 Jul 25 j 20:39	0°♋	
superior conj	-2821 Aug 04 j 03:06	17°♋17'24	1°44'03
minimum elong	-2821 Aug 04 j 05:31	17°♋28'19	1°44'01
	-2821 Aug 11 j 08:13	0°♌	
max. Earth dist.	-2821 Aug 11 j 15:54	0°♌32'49	1.40878 AU
evening rise	-2821 Aug 16 j 16:09	8°♌54'34	
desc. node	-2821 Aug 24 j 05:36	20°♌54'44	
	-2821 Aug 30 j 06:11	0°♍	
greatest brilliancy	-2821 Sep 14 j 11:38	20°♍48'45	-0.2m
evening max el	-2821 Sep 19 j 18:07	26°♍43'18	23°02'51
	-2821 Sep 23 j 10:20	0°♎	
retrograde	-2821 Sep 29 j 21:02	2°♎43'02	
evening set	-2821 Oct 04 j 16:07	0°♎45'29	
	-2821 Oct 05 j 12:17	30°℞♍	
asc. node	-2821 Oct 09 j 13:37	25°♍03'04	
inferior conj	-2821 Oct 10 j 00:48	24°♍24'34	0°09'38
minimum elong	-2821 Oct 10 j 00:35	24°♍25'20	0°09'32
transit middle	-2821 Oct 10 j 00:35	24°♍25'20	0°09'32
transit begin	-2821 Oct 09 j 22:23	24°♍32'54	
transit end	-2821 Oct 10 j 02:46	24°♍17'47	
min. Earth dist.	-2821 Oct 09 j 19:09	24°♍44'01	0.67489 AU
morning rise	-2821 Oct 15 j 09:01	18°♍10'49	
direct	-2821 Oct 19 j 15:23	16°♍30'43	
morning max el	-2821 Oct 28 j 13:32	21°♍47'05	21°40'29
greatest brilliancy	-2821 Nov 02 j 13:28	27°♍30'13	-0.4m
	-2821 Nov 04 j 12:22	0°♎	
desc. node	-2821 Nov 20 j 05:08	22°♎26'21	
	-2821 Nov 25 j 03:36	0°♏	
morning set	-2821 Nov 29 j 06:17	6°♏27'18	
max. Earth dist.	-2821 Dec 06 j 02:35	17°♏33'00	1.41778 AU
	-2821 Dec 13 j 10:40	0°♐	
superior conj	-2821 Dec 13 j 15:43	0°♐21'56	-1°-54'-11
minimum elong	-2821 Dec 13 j 13:13	0°♐11'02	1°54'10
evening rise	-2821 Dec 24 j 12:38	19°♐54'38	
	-2821 Dec 30 j 01:58	0°♑	
asc. node	-2820 Jan 05 j 12:47	10°♑34'50	
evening max el	-2820 Jan 09 j 23:02	16°♑01'51	18°10'28
retrograde	-2820 Jan 16 j 19:32	19°♑30'38	
evening set	-2820 Jan 19 j 09:54	19°♑01'13	
inferior conj	-2820 Jan 26 j 06:31	14°♑07'25	3°58'27
minimum elong	-2820 Jan 26 j 07:06	14°♑06'03	3°58'21
min. Earth dist.	-2820 Jan 29 j 11:37	11°♑11'09	0.60686 AU
morning rise	-2820 Feb 02 j 01:35	8°♑25'41	
direct	-2820 Feb 08 j 21:18	6°♑12'58	
desc. node	-2820 Feb 16 j 04:23	8°♑28'28	
morning max el	-2820 Feb 23 j 01:00	13°♑55'32	27°29'26
	-2820 Mar 06 j 23:08	0°♒	
	-2820 Mar 24 j 03:02	0°♓	
morning set	-2820 Mar 25 j 21:11	3°♓34'54	
max. Earth dist.	-2820 Apr 01 j 06:14	17°♓10'46	1.32556 AU
superior conj	-2820 Apr 02 j 02:48	19°♓03'00	0°-4'-8
minimum elong	-2820 Apr 02 j 02:59	19°♓04'00	0°04'07
behind sun begin	-2820 Apr 01 j 22:05	18°♓37'18	
behind sun end	-2820 Apr 02 j 07:52	19°♓30'43	
asc. node	-2820 Apr 02 j 12:13	19°♓54'31	
	-2820 Apr 07 j 03:31	0°♈	
evening rise	-2820 Apr 09 j 02:31	4°♈10'08	
	-2820 Apr 23 j 00:04	0°♉	
evening max el	-2820 May 06 j 02:28	16°♉45'17	25°23'27
desc. node	-2820 May 14 j 03:23	22°♉31'44	
retrograde	-2820 May 20 j 03:49	23°♉55'55	
evening set	-2820 May 25 j 15:50	22°♉45'05	
min. Earth dist.	-2820 May 30 j 14:35	19°♉58'26	0.57987 AU
inferior conj	-2820 Jun 02 j 19:09	17°♉45'04	-4°-13'-44
minimum elong	-2820 Jun 02 j 15:49	17°♉50'55	4°13'20
morning rise	-2820 Jun 10 j 19:45	13°♉27'50	
direct	-2820 Jun 13 j 07:40	13°♉08'38	
morning max el	-2820 Jun 21 j 19:13	17°♉07'29	18°53'34
asc. node	-2820 Jun 29 j 11:36	27°♉10'03	
	-2820 Jul 01 j 04:01	0°♊	
morning set	-2820 Jul 08 j 08:18	13°♊27'21	
superior conj	-2820 Jul 16 j 23:01	0°♋15'02	1°48'43
minimum elong	-2820 Jul 16 j 23:02	0°♋15'06	1°48'49
	-2820 Jul 16 j 19:52	0°♋	
max. Earth dist.	-2820 Jul 23 j 18:42	12°♋51'56	1.38912 AU
evening rise	-2820 Jul 27 j 18:23	19°♋51'31	
	-2820 Aug 02 j 20:17	0°♌	
desc. node	-2820 Aug 10 j 02:36	11°♌20'59	
	-2820 Aug 23 j 09:48	0°♍	
evening max el	-2820 Sep 01 j 06:05	10°♍12'54	24°23'03
retrograde	-2820 Sep 12 j 11:15	16°♍47'15	
evening set	-2820 Sep 17 j 21:12	14°♍30'26	
min. Earth dist.	-2820 Sep 22 j 14:42	9°♍03'13	0.67297 AU
inferior conj	-2820 Sep 23 j 06:48	8°♍09'08	0°-44'-25
minimum elong	-2820 Sep 23 j 07:51	8°♍05'34	0°43'57
asc. node	-2820 Sep 25 j 10:44	5°♍20'13	
morning rise	-2820 Sep 28 j 18:47	2°♍01'16	
direct	-2820 Oct 02 j 12:20	0°♍41'29	
morning max el	-2820 Oct 10 j 10:36	5°♍18'14	20°25'23
greatest brilliancy	-2820 Oct 16 j 22:55	13°♍08'50	-0.5m
	-2820 Oct 28 j 15:11	0°♎	
desc. node	-2820 Nov 06 j 02:07	12°♎53'44	
morning set	-2820 Nov 07 j 05:33	14°♎39'51	
	-2820 Nov 16 j 23:07	0°♏	
max. Earth dist.	-2820 Nov 17 j 10:56	0°♏47'29	1.43430 AU
superior conj	-2820 Nov 23 j 10:35	10°♏33'13	-1°-36'-45
minimum elong	-2820 Nov 23 j 04:11	10°♏06'46	1°36'18
	-2820 Dec 04 j 20:50	0°♐	
evening rise	-2820 Dec 06 j 00:40	2°♐01'24	
asc. node	-2820 Dec 22 j 09:52	28°♐05'44	
evening max el	-2820 Dec 23 j 11:04	29°♐13'05	18°10'02
	-2820 Dec 24 j 06:43	0°♑	
retrograde	-2820 Dec 30 j 00:16	2°♑41'22	
evening set	-2819 Jan 01 j 17:57	2°♑03'53	
	-2819 Jan 04 j 20:34	30°℞♐	
inferior conj	-2819 Jan 08 j 03:15	26°♐48'48	3°54'43
minimum elong	-2819 Jan 08 j 01:43	26°♐52'51	3°54'30
min. Earth dist.	-2819 Jan 10 j 20:02	24°♐00'09	0.62629 AU
morning rise	-2819 Jan 14 j 07:32	20°♐53'47	
direct	-2819 Jan 21 j 08:36	18°♐14'53	
desc. node	-2819 Feb 02 j 01:27	23°♐57'51	
morning max el	-2819 Feb 04 j 06:24	26°♐01'24	27°43'57
	-2819 Feb 07 j 23:52	0°♑	
	-2819 Feb 28 j 10:42	0°♒	
morning set	-2819 Mar 09 j 23:37	18°♒01'49	
max. Earth dist.	-2819 Mar 15 j 15:23	29°♒49'38	1.32928 AU
	-2819 Mar 15 j 17:19	0°♓	
superior conj	-2819 Mar 17 j 12:23	3°♓51'44	0°-29'-43
minimum elong	-2819 Mar 17 j 13:44	3°♓59'04	0°29'29

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2819 Mar 20 j 09:15	10°♓04'57	
evening rise	-2819 Mar 24 j 14:13	19°♓06'14	
	-2819 Mar 29 j 23:24	0°♈	
evening max el	-2819 Apr 17 j 18:03	27°♈31'13	23°53'50
	-2819 Apr 20 j 14:15	0°♉	
desc. node	-2819 May 01 j 00:27	4°♉24'05	
retrograde	-2819 May 01 j 12:08	4°♉24'37	
evening set	-2819 May 05 j 15:24	3°♉46'42	
min. Earth dist.	-2819 May 12 j 05:17	0°♉38'52	0.56302 AU
	-2819 May 13 j 06:52	30°℞♈	
inferior conj	-2819 May 14 j 13:37	29°♈12'41	-3°-22'-43
minimum elong	-2819 May 14 j 07:25	29°♈22'12	3°21'15
morning rise	-2819 May 23 j 03:15	25°♈12'22	
direct	-2819 May 25 j 16:06	24°♈55'47	
morning max el	-2819 Jun 04 j 14:54	29°♈32'15	19°52'36
	-2819 Jun 05 j 02:34	0°♉	
asc. node	-2819 Jun 16 j 08:40	16°♉06'45	
morning set	-2819 Jun 22 j 10:41	27°♉53'11	
	-2819 Jun 23 j 11:46	0°♊	
superior conj	-2819 Jun 30 j 09:38	13°♊58'52	1°44'24
minimum elong	-2819 Jun 30 j 08:00	13°♊50'44	1°44'24
max. Earth dist.	-2819 Jul 05 j 22:12	24°♊42'53	1.37013 AU
	-2819 Jul 08 j 18:22	0°♋	
evening rise	-2819 Jul 09 j 20:49	2°♋00'20	
	-2819 Jul 26 j 22:42	0°♌	
desc. node	-2819 Jul 27 j 23:38	1°♌31'31	
evening max el	-2819 Aug 14 j 16:54	23°♌45'28	25°37'04
	-2819 Aug 23 j 06:08	0°♍	
retrograde	-2819 Aug 26 j 21:14	0°♍46'22	
	-2819 Aug 30 j 06:02	30°℞♌	
evening set	-2819 Sep 01 j 22:10	28°♌12'51	
min. Earth dist.	-2819 Sep 06 j 07:00	23°♌22'18	0.66782 AU
inferior conj	-2819 Sep 07 j 10:15	21°♌54'41	-1°-38'-7
minimum elong	-2819 Sep 07 j 12:35	21°♌47'10	1°37'09
asc. node	-2819 Sep 12 j 07:49	16°♌30'50	
morning rise	-2819 Sep 13 j 03:40	15°♌55'40	
direct	-2819 Sep 16 j 10:32	14°♌53'11	
morning max el	-2819 Sep 23 j 15:03	18°♌58'59	19°23'28
	-2819 Oct 02 j 04:55	0°♍	
greatest brilliancy	-2819 Oct 03 j 07:33	1°♍37'32	-0.7m
morning set	-2819 Oct 17 j 08:06	23°♍09'44	
	-2819 Oct 21 j 17:13	0°♎	
desc. node	-2819 Oct 23 j 23:08	3°♎30'55	
max. Earth dist.	-2819 Oct 31 j 01:16	14°♎39'55	1.44510 AU
superior conj	-2819 Nov 03 j 02:44	19°♎31'27	-1°-2'-3
minimum elong	-2819 Nov 02 j 19:46	19°♎03'44	1°01'17
	-2819 Nov 09 j 15:06	0°♏	
evening rise	-2819 Nov 17 j 16:07	13°♏12'59	
	-2819 Nov 27 j 20:32	0°♐	
evening max el	-2819 Dec 06 j 23:29	12°♐33'35	18°28'19
asc. node	-2819 Dec 09 j 06:55	14°♐35'28	
retrograde	-2819 Dec 13 j 13:50	16°♐12'10	
evening set	-2819 Dec 16 j 11:53	15°♐25'18	
inferior conj	-2819 Dec 22 j 12:29	9°♐51'15	3°33'34
minimum elong	-2819 Dec 22 j 09:45	9°♐59'10	3°33'00
min. Earth dist.	-2819 Dec 24 j 14:29	7°♐26'36	0.64301 AU
morning rise	-2819 Dec 28 j 06:16	3°♐46'51	
direct	-2818 Jan 04 j 03:27	0°♐56'27	
morning max el	-2818 Jan 17 j 15:19	8°♐40'41	27°22'52
desc. node	-2818 Jan 19 j 22:31	11°♐04'32	
	-2818 Feb 03 j 07:17	0°♑	
	-2818 Feb 20 j 17:18	0°♒	
morning set	-2818 Feb 21 j 18:01	2°♒00'24	
max. Earth dist.	-2818 Feb 26 j 16:37	11°♒58'53	1.33697 AU
superior conj	-2818 Mar 01 j 18:15	18°♒24'51	0°-54'-51
minimum elong	-2818 Mar 01 j 20:40	18°♒37'44	0°54'28
asc. node	-2818 Mar 07 j 06:17	0°♓08'28	
	-2818 Mar 07 j 04:41	0°♓	
evening rise	-2818 Mar 09 j 01:20	3°♓55'30	
	-2818 Mar 23 j 13:12	0°♈	
evening max el	-2818 Mar 30 j 11:27	8°♈13'08	22°19'34
retrograde	-2818 Apr 12 j 08:26	14°♈30'35	
evening set	-2818 Apr 15 j 06:50	14°♈11'37	
desc. node	-2818 Apr 17 j 21:32	13°♈25'18	
min. Earth dist.	-2818 Apr 23 j 19:10	10°♈30'22	0.55287 AU
inferior conj	-2818 Apr 24 j 15:06	10°♈02'05	-1°-50'-31
minimum elong	-2818 Apr 24 j 10:15	10°♈08'59	1°48'56
morning rise	-2818 May 03 j 15:33	6°♈05'44	
direct	-2818 May 06 j 08:31	5°♈49'03	
morning max el	-2818 May 17 j 23:51	11°♈16'16	21°11'01
	-2818 May 31 j 07:46	0°♉	
asc. node	-2818 Jun 03 j 05:43	5°♉31'26	
morning set	-2818 Jun 06 j 18:14	12°♉36'54	
superior conj	-2818 Jun 14 j 06:31	28°♉15'11	1°33'20
minimum elong	-2818 Jun 14 j 04:03	28°♉02'28	1°33'08
	-2818 Jun 15 j 02:53	0°♊	
max. Earth dist.	-2818 Jun 18 j 08:22	6°♊31'58	1.35386 AU
evening rise	-2818 Jun 22 j 18:26	15°♊07'18	
	-2818 Jul 01 j 01:25	0°♋	
desc. node	-2818 Jul 14 j 20:41	21°♋18'22	
	-2818 Jul 21 j 12:56	0°♌	
evening max el	-2818 Jul 28 j 04:09	7°♌16'51	26°37'03
retrograde	-2818 Aug 10 j 02:21	14°♌33'15	
evening set	-2818 Aug 16 j 16:46	11°♌48'57	
min. Earth dist.	-2818 Aug 20 j 17:40	7°♌36'39	0.65917 AU
inferior conj	-2818 Aug 22 j 09:14	5°♌37'30	-2°-29'-37
minimum elong	-2818 Aug 22 j 12:39	5°♌27'12	2°28'23
morning rise	-2818 Aug 28 j 09:35	29°♋50'27	
	-2818 Aug 28 j 02:55	30°℞♋	
asc. node	-2818 Aug 30 j 04:53	29°♋08'59	
direct	-2818 Aug 31 j 08:10	29°♋01'41	
	-2818 Sep 03 j 15:23	0°♌	
morning max el	-2818 Sep 07 j 01:23	2°♌45'24	18°36'58
	-2818 Sep 25 j 15:20	0°♍	
morning set	-2818 Sep 27 j 09:21	2°♍48'58	
desc. node	-2818 Oct 10 j 20:08	24°♍13'49	
superior conj	-2818 Oct 13 j 03:05	27°♍50'20	0°-14'-38
minimum elong	-2818 Oct 13 j 01:09	27°♍42'42	0°14'23
behind sun begin	-2818 Oct 12 j 19:42	27°♍21'16	
behind sun end	-2818 Oct 13 j 06:35	28°♍04'07	
max. Earth dist.	-2818 Oct 13 j 18:48	28°♍52'13	1.44893 AU
	-2818 Oct 14 j 12:02	0°♎	
evening rise	-2818 Oct 29 j 07:18	23°♎22'30	
	-2818 Nov 02 j 11:16	0°♏	
evening max el	-2818 Nov 20 j 09:50	25°♏59'07	19°04'12
asc. node	-2818 Nov 26 j 03:57	29°♏49'04	
retrograde	-2818 Nov 27 j 08:32	29°♏57'01	
evening set	-2818 Nov 30 j 12:42	28°♏58'47	
inferior conj	-2818 Dec 06 j 06:46	23°♏08'36	3°00'25
minimum elong	-2818 Dec 06 j 03:43	23°♏18'11	2°59'32
min. Earth dist.	-2818 Dec 07 j 18:17	21°♏17'21	0.65620 AU
morning rise	-2818 Dec 11 j 17:47	16°♏57'43	
direct	-2818 Dec 18 j 04:43	14°♏10'04	
morning max el	-2818 Dec 31 j 00:55	21°♏41'09	26°31'47
desc. node	-2817 Jan 06 j 19:34	29°♏20'25	
	-2817 Jan 07 j 08:15	0°♐	
	-2817 Jan 27 j 11:46	0°♑	
morning set	-2817 Feb 05 j 00:41	15°♑19'05	
max. Earth dist.	-2817 Feb 09 j 06:39	23°♑32'11	1.34912 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2817 Feb 12 j 11:49	0°♒	
superior conj	-2817 Feb 13 j 18:10	2°♒35'34	-1°-18'-12
minimum elong	-2817 Feb 13 j 21:22	2°♒51'58	1°17'49
evening rise	-2817 Feb 21 j 10:02	18°♒31'51	
asc. node	-2817 Feb 22 j 03:17	20°♒00'34	
	-2817 Feb 27 j 04:52	0°♓	
evening max el	-2817 Mar 12 j 12:50	19°♓17'42	20°53'15
retrograde	-2817 Mar 23 j 21:48	24°♓44'06	
evening set	-2817 Mar 26 j 05:52	24°♓31'13	
inferior conj	-2817 Apr 04 j 10:07	20°♓33'42	0°05'56
minimum elong	-2817 Apr 04 j 10:24	20°♓33'19	0°05'49
transit middle	-2817 Apr 04 j 10:24	20°♓33'19	0°05'49
transit begin	-2817 Apr 04 j 06:36	20°♓38'44	
transit end	-2817 Apr 04 j 14:12	20°♓27'53	
desc. node	-2817 Apr 04 j 18:36	20°♓21'35	
min. Earth dist.	-2817 Apr 05 j 09:14	20°♓00'43	0.55178 AU
morning rise	-2817 Apr 13 j 13:43	16°♓23'27	
direct	-2817 Apr 16 j 20:21	16°♓00'06	
morning max el	-2817 Apr 29 j 22:25	22°♓19'58	22°44'35
	-2817 May 06 j 14:20	0°♈	
asc. node	-2817 May 21 j 02:45	25°♈16'56	
morning set	-2817 May 22 j 04:57	27°♈32'45	
	-2817 May 23 j 09:02	0°♉	
superior conj	-2817 May 29 j 10:27	12°♉54'15	1°17'13
minimum elong	-2817 May 29 j 07:50	12°♉40'23	1°16'53
max. Earth dist.	-2817 Jun 01 j 04:38	18°♉42'17	1.34125 AU
evening rise	-2817 Jun 06 j 06:14	28°♉58'22	
	-2817 Jun 06 j 18:49	0°♊	
	-2817 Jun 24 j 04:36	0°♋	
desc. node	-2817 Jul 01 j 17:41	10°♋31'20	
evening max el	-2817 Jul 10 j 15:43	20°♋38'35	27°15'05
retrograde	-2817 Jul 24 j 01:56	28°♋00'26	
evening set	-2817 Jul 31 j 02:21	25°♋14'44	
min. Earth dist.	-2817 Aug 03 j 20:31	21°♋39'42	0.64685 AU
inferior conj	-2817 Aug 06 j 01:29	19°♋13'26	-3°-16'-33
minimum elong	-2817 Aug 06 j 05:30	19°♋02'17	3°15'22
morning rise	-2817 Aug 12 j 10:13	13°♋41'38	
direct	-2817 Aug 15 j 02:58	13°♋03'13	
asc. node	-2817 Aug 17 j 01:58	13°♋23'26	
morning max el	-2817 Aug 21 j 15:24	16°♋33'04	18°07'18
	-2817 Aug 31 j 07:29	0°♌	
morning set	-2817 Sep 08 j 14:26	13°♌49'00	
	-2817 Sep 18 j 08:46	0°♍	
superior conj	-2817 Sep 22 j 09:30	6°♍31'09	0°33'47
minimum elong	-2817 Sep 22 j 13:23	6°♍46'44	0°33'18
max. Earth dist.	-2817 Sep 26 j 12:47	13°♍07'04	1.44544 AU
desc. node	-2817 Sep 27 j 17:08	14°♍59'10	
	-2817 Oct 07 j 07:32	0°♎	
evening rise	-2817 Oct 08 j 23:38	2°♎35'23	
	-2817 Oct 27 j 03:37	0°♏	
greatest brilliancy	-2817 Oct 27 j 06:40	0°♏10'44	-0.6m
evening max el	-2817 Nov 03 j 15:58	9°♏26'18	19°56'01
retrograde	-2817 Nov 11 j 05:32	13°♏51'35	
asc. node	-2817 Nov 13 j 01:00	13°♏32'38	
evening set	-2817 Nov 14 j 17:54	12°♏39'31	
inferior conj	-2817 Nov 20 j 07:17	6°♏36'10	2°18'53
minimum elong	-2817 Nov 20 j 04:32	6°♏45'15	2°17'53
min. Earth dist.	-2817 Nov 21 j 05:39	5°♏22'05	0.66574 AU
morning rise	-2817 Nov 25 j 14:33	0°♏21'15	
	-2817 Nov 26 j 00:27	30°℞♎	
direct	-2817 Dec 01 j 11:34	27°♎47'07	
	-2817 Dec 07 j 16:00	0°♏	
morning max el	-2817 Dec 13 j 09:40	4°♏51'29	25°19'08
desc. node	-2817 Dec 24 j 16:36	18°♏24'46	

	-2816 Jan 01 j 19:15	0°♐	
morning set	-2816 Jan 18 j 14:38	27°♐42'34	
	-2816 Jan 19 j 20:56	0°♑	
max. Earth dist.	-2816 Jan 22 j 09:16	4°♑39'15	1.36577 AU
superior conj	-2816 Jan 28 j 09:18	16°♑14'37	-1°-38'-5
minimum elong	-2816 Jan 28 j 12:35	16°♑30'54	1°37'51
	-2816 Feb 04 j 04:58	0°♒	
evening rise	-2816 Feb 05 j 14:14	2°♒48'18	
asc. node	-2816 Feb 09 j 00:17	9°♒35'28	
	-2816 Feb 22 j 02:11	0°♓	
evening max el	-2816 Feb 23 j 00:43	0°♓56'17	19°42'29
retrograde	-2816 Mar 03 j 16:39	5°♓32'15	
evening set	-2816 Mar 05 j 22:57	5°♓18'16	
inferior conj	-2816 Mar 14 j 12:42	1°♓15'06	1°54'19
minimum elong	-2816 Mar 14 j 17:01	1°♓08'19	1°52'59
	-2816 Mar 16 j 12:29	30°℞♒	
min. Earth dist.	-2816 Mar 16 j 23:30	29°♒43'00	0.55998 AU
desc. node	-2816 Mar 21 j 15:40	27°♒14'02	
morning rise	-2816 Mar 23 j 07:44	26°♒37'08	
direct	-2816 Mar 27 j 15:15	25°♒55'36	
	-2816 Apr 07 j 03:36	0°♓	
morning max el	-2816 Apr 10 j 14:11	2°♓56'16	24°24'20
	-2816 Apr 29 j 10:12	0°♈	
morning set	-2816 May 05 j 17:03	12°♈33'49	
asc. node	-2816 May 06 j 23:47	15°♈16'15	
superior conj	-2816 May 12 j 18:54	27°♈47'02	0°57'22
minimum elong	-2816 May 12 j 16:40	27°♈34'56	0°57'00
	-2816 May 13 j 19:32	0°♉	
max. Earth dist.	-2816 May 14 j 09:51	1°♉17'02	1.33231 AU
evening rise	-2816 May 20 j 03:59	13°♉19'46	
	-2816 May 28 j 22:33	0°♊	
desc. node	-2816 Jun 17 j 14:43	28°♊56'00	
	-2816 Jun 18 j 13:26	0°♋	
evening max el	-2816 Jun 22 j 01:34	3°♋37'33	27°24'44
retrograde	-2816 Jul 05 j 19:22	10°♋59'20	
evening set	-2816 Jul 12 j 23:31	8°♋24'40	
min. Earth dist.	-2816 Jul 16 j 13:41	5°♋21'32	0.63081 AU
inferior conj	-2816 Jul 19 j 08:15	2°♋36'32	-3°-55'-26
minimum elong	-2816 Jul 19 j 12:02	2°♋27'08	3°54'40
	-2816 Jul 22 j 02:35	30°℞♊	
morning rise	-2816 Jul 26 j 02:42	27°♊23'25	
direct	-2816 Jul 28 j 15:58	26°♊52'35	
asc. node	-2816 Aug 02 j 23:03	29°♊05'50	
	-2816 Aug 03 j 23:31	0°♋	
morning max el	-2816 Aug 04 j 06:30	0°♋16'55	17°55'30
morning set	-2816 Aug 20 j 19:31	25°♋57'55	
	-2816 Aug 23 j 02:33	0°♌	
superior conj	-2816 Sep 01 j 15:35	16°♌23'14	1°12'05
minimum elong	-2816 Sep 01 j 21:09	16°♌46'29	1°11'32
max. Earth dist.	-2816 Sep 08 j 04:12	27°♌06'30	1.43512 AU
	-2816 Sep 09 j 23:23	0°♍	
desc. node	-2816 Sep 13 j 14:07	5°♍43'59	
evening rise	-2816 Sep 17 j 04:38	11°♍21'47	
	-2816 Sep 29 j 12:00	0°♎	
greatest brilliancy	-2816 Oct 11 j 04:23	16°♎25'31	-0.5m
evening max el	-2816 Oct 16 j 16:24	22°♎53'18	21°01'22
retrograde	-2816 Oct 25 j 02:41	27°♎52'55	
evening set	-2816 Oct 29 j 01:25	26°♎24'32	
asc. node	-2816 Oct 29 j 22:04	25°♎41'35	
inferior conj	-2816 Nov 03 j 11:45	20°♎11'24	1°31'31
minimum elong	-2816 Nov 03 j 09:46	20°♎18'11	1°30'42
min. Earth dist.	-2816 Nov 03 j 22:28	19°♎34'43	0.67178 AU
morning rise	-2816 Nov 08 j 17:45	13°♎54'48	
direct	-2816 Nov 13 j 23:19	11°♎40'28	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning max el	-2816 Nov 24 j 18:23	18°♎06'38	23°54'46
	-2816 Dec 04 j 17:36	0°♏	
desc. node	-2816 Dec 10 j 13:37	8°♏03'39	
	-2816 Dec 24 j 21:42	0°♐	
morning set	-2816 Dec 30 j 05:56	8°♐55'19	
max. Earth dist.	-2815 Jan 03 j 05:34	15°♐52'05	1.38570 AU
superior conj	-2815 Jan 10 j 11:56	29°♐12'21	-1°-52'-5
minimum elong	-2815 Jan 10 j 14:12	29°♐23'06	1°52'04
	-2815 Jan 10 j 21:59	0°♑	
evening rise	-2815 Jan 19 j 11:36	16°♑38'45	
asc. node	-2815 Jan 25 j 21:18	28°♑47'16	
	-2815 Jan 26 j 13:42	0°♒	
evening max el	-2815 Feb 04 j 22:38	13°♒10'06	18°50'52
retrograde	-2815 Feb 13 j 03:55	17°♒08'01	
evening set	-2815 Feb 15 j 13:01	16°♒49'25	
inferior conj	-2815 Feb 23 j 09:17	12°♒29'23	3°10'26
minimum elong	-2815 Feb 23 j 13:43	12°♒21'16	3°09'27
min. Earth dist.	-2815 Feb 26 j 15:26	10°♒08'02	0.57551 AU
morning rise	-2815 Mar 03 j 10:34	7°♒20'54	
direct	-2815 Mar 08 j 22:50	6°♒07'32	
desc. node	-2815 Mar 08 j 12:45	6°♒07'58	
morning max el	-2815 Mar 23 j 05:33	13°♒33'17	25°56'03
	-2815 Apr 05 j 04:37	0°♓	
morning set	-2815 Apr 20 j 04:50	27°♓34'15	
	-2815 Apr 21 j 08:26	0°♈	
asc. node	-2815 Apr 23 j 20:48	5°♈24'25	
superior conj	-2815 Apr 27 j 05:53	12°♈46'49	0°34'49
minimum elong	-2815 Apr 27 j 04:24	12°♈38'43	0°34'32
max. Earth dist.	-2815 Apr 27 j 20:57	14°♈09'11	1.32692 AU
evening rise	-2815 May 04 j 08:35	28°♈01'14	
	-2815 May 05 j 07:41	0°♉	
	-2815 May 22 j 07:09	0°♊	
desc. node	-2815 Jun 04 j 11:46	16°♊11'46	
evening max el	-2815 Jun 04 j 07:04	16°♊00'37	27°01'57
retrograde	-2815 Jun 18 j 05:57	23°♊20'42	
evening set	-2815 Jun 25 j 04:08	21°♊10'57	
min. Earth dist.	-2815 Jun 28 j 20:39	18°♊27'44	0.61168 AU
inferior conj	-2815 Jul 02 j 02:14	15°♊38'33	-4°-21'-2
minimum elong	-2815 Jul 02 j 04:24	15°♊33'49	4°20'48
morning rise	-2815 Jul 09 j 07:36	10°♊46'57	
direct	-2815 Jul 11 j 19:17	10°♊21'41	
morning max el	-2815 Jul 18 j 19:54	13°♊50'05	18°02'28
asc. node	-2815 Jul 20 j 20:09	16°♊00'55	
	-2815 Jul 29 j 20:33	0°♋	
morning set	-2815 Aug 03 j 18:53	8°♋59'33	
superior conj	-2815 Aug 14 j 01:17	27°♋37'32	1°36'14
minimum elong	-2815 Aug 14 j 05:10	27°♋54'37	1°36'02
	-2815 Aug 15 j 09:48	0°♌	
max. Earth dist.	-2815 Aug 21 j 14:11	10°♌31'52	1.41939 AU
evening rise	-2815 Aug 27 j 17:21	20°♌31'09	
desc. node	-2815 Aug 31 j 11:06	26°♌24'42	
	-2815 Sep 02 j 18:48	0°♍	
	-2815 Sep 23 j 21:52	0°♎	
greatest brilliancy	-2815 Sep 24 j 17:03	0°♎59'07	-0.3m
evening max el	-2815 Sep 29 j 10:41	6°♎19'21	22°16'48
retrograde	-2815 Oct 08 j 22:14	11°♎57'36	
evening set	-2815 Oct 13 j 09:22	10°♎10'56	
asc. node	-2815 Oct 16 j 19:11	6°♎30'37	
inferior conj	-2815 Oct 18 j 18:12	3°♎51'32	0°40'14
minimum elong	-2815 Oct 18 j 17:17	3°♎54'45	0°39'50
min. Earth dist.	-2815 Oct 18 j 18:20	3°♎51'05	0.67462 AU
	-2815 Oct 21 j 16:30	30°℞♍	
morning rise	-2815 Oct 24 j 01:04	27°♍35'54	
direct	-2815 Oct 28 j 15:27	25°♍43'33	
	-2815 Nov 05 j 18:17	0°♎	
morning max el	-2815 Nov 07 j 05:41	1°♎25'42	22°28'04
greatest brilliancy	-2815 Nov 11 j 21:59	6°♎41'34	-0.3m
desc. node	-2815 Nov 27 j 10:38	28°♎06'31	
	-2815 Nov 28 j 17:01	0°♏	
morning set	-2815 Dec 10 j 17:05	18°♏44'33	
max. Earth dist.	-2815 Dec 16 j 02:39	27°♏41'50	1.40651 AU
	-2815 Dec 17 j 11:08	0°♐	
superior conj	-2815 Dec 23 j 21:12	11°♐15'34	-1°-57'00
minimum elong	-2815 Dec 23 j 20:53	11°♐14'09	1°57'06
evening rise	-2814 Jan 02 j 23:02	29°♐55'19	
	-2814 Jan 03 j 00:02	0°♑	
asc. node	-2814 Jan 12 j 18:21	17°♑28'05	
evening max el	-2814 Jan 19 j 04:21	25°♑52'58	18°19'29
retrograde	-2814 Jan 26 j 09:48	29°♑28'18	
evening set	-2814 Jan 28 j 22:10	29°♑03'17	
inferior conj	-2814 Feb 05 j 02:37	24°♑22'16	3°49'52
minimum elong	-2814 Feb 05 j 04:44	24°♑17'45	3°49'35
min. Earth dist.	-2814 Feb 08 j 11:42	21°♑31'27	0.59506 AU
morning rise	-2814 Feb 12 j 07:59	18°♑50'06	
direct	-2814 Feb 18 j 19:15	16°♑57'47	
desc. node	-2814 Feb 23 j 09:50	17°♑51'49	
morning max el	-2814 Mar 05 j 01:34	24°♑37'12	27°04'43
	-2814 Mar 10 j 00:06	0°♒	
	-2814 Mar 29 j 08:03	0°♓	
morning set	-2814 Apr 04 j 14:37	12°♓27'56	
asc. node	-2814 Apr 10 j 17:49	25°♓37'12	
superior conj	-2814 Apr 11 j 17:40	27°♓47'42	0°10'26
minimum elong	-2814 Apr 11 j 17:12	27°♓45'09	0°10'20
behind sun begin	-2814 Apr 11 j 13:23	27°♓24'18	
behind sun end	-2814 Apr 11 j 21:00	28°♓06'00	
max. Earth dist.	-2814 Apr 11 j 10:13	27°♓06'56	1.32497 AU
	-2814 Apr 12 j 17:49	0°♈	
evening rise	-2814 Apr 18 j 17:32	12°♈54'37	
	-2814 Apr 27 j 11:09	0°♉	
evening max el	-2814 May 17 j 06:22	27°♉41'10	26°07'13
	-2814 May 19 j 21:04	0°♊	
desc. node	-2814 May 22 j 08:49	1°♊50'31	
retrograde	-2814 May 31 j 08:22	4°♊57'39	
evening set	-2814 Jun 06 j 12:10	3°♊24'16	
min. Earth dist.	-2814 Jun 10 j 19:09	0°♊43'40	0.59113 AU
	-2814 Jun 11 j 18:43	30°℞♉	
inferior conj	-2814 Jun 14 j 03:51	28°♉10'44	-4°-25'-16
minimum elong	-2814 Jun 14 j 02:47	28°♉12'46	4°25'10
morning rise	-2814 Jun 21 j 21:10	23°♉41'33	
direct	-2814 Jun 24 j 08:36	23°♉20'34	
morning max el	-2814 Jul 02 j 04:42	27°♉04'39	18°29'06
	-2814 Jul 04 j 20:52	0°♊	
asc. node	-2814 Jul 07 j 17:13	3°♊53'36	
morning set	-2814 Jul 18 j 07:38	22°♊41'38	
	-2814 Jul 22 j 02:49	0°♋	
superior conj	-2814 Jul 27 j 10:27	10°♋02'44	1°47'17
minimum elong	-2814 Jul 27 j 11:46	10°♋08'52	1°47'20
max. Earth dist.	-2814 Aug 03 j 18:19	23°♋12'44	1.40043 AU
	-2814 Aug 07 j 17:47	0°♌	
evening rise	-2814 Aug 08 j 04:38	0°♌45'21	
desc. node	-2814 Aug 18 j 08:07	16°♌57'52	
	-2814 Aug 27 j 04:32	0°♍	
evening max el	-2814 Sep 12 j 00:15	19°♍47'17	23°37'09
retrograde	-2814 Sep 22 j 14:48	26°♍03'13	
evening set	-2814 Sep 27 j 16:01	23°♍57'24	
min. Earth dist.	-2814 Oct 02 j 14:50	18°♍09'58	0.67445 AU
inferior conj	-2814 Oct 03 j 00:53	17°♍35'37	0°-13'-15
minimum elong	-2814 Oct 03 j 01:12	17°♍34'33	0°13'06

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

transit middle	-2814 Oct 03 j 01:12	17°♍34'33	0°13'06
transit begin	-2814 Oct 02 j 23:35	17°♍40'05	
transit end	-2814 Oct 03 j 02:49	17°♍29'01	
asc. node	-2814 Oct 03 j 16:18	16°♍43'05	
morning rise	-2814 Oct 08 j 10:29	11°♍23'46	
direct	-2814 Oct 12 j 11:04	9°♍52'44	
morning max el	-2814 Oct 20 j 22:34	14°♍51'49	21°07'01
greatest brilliancy	-2814 Oct 26 j 11:19	21°♍18'48	-0.5m
	-2814 Nov 01 j 20:39	0°♎	
desc. node	-2814 Nov 14 j 07:38	18°♎26'41	
morning set	-2814 Nov 20 j 01:25	27°♎19'29	
	-2814 Nov 21 j 18:15	0°♏	
max. Earth dist.	-2814 Nov 28 j 05:51	10°♏24'14	1.42539 AU
superior conj	-2814 Dec 05 j 07:31	22°♏11'10	-1°-48'-51
minimum elong	-2814 Dec 05 j 03:15	21°♏52'59	1°48'42
	-2814 Dec 09 j 20:09	0°♐	
evening rise	-2814 Dec 16 j 20:51	12°♐30'02	
	-2814 Dec 26 j 22:02	0°♑	
asc. node	-2814 Dec 30 j 15:25	5°♑28'12	
evening max el	-2813 Jan 02 j 14:58	8°♑56'39	18°07'59
retrograde	-2813 Jan 09 j 07:18	12°♑23'42	
evening set	-2813 Jan 11 j 22:57	11°♑51'05	
inferior conj	-2813 Jan 18 j 14:27	6°♑48'22	3°59'23
minimum elong	-2813 Jan 18 j 14:01	6°♑49'25	3°59'18
min. Earth dist.	-2813 Jan 21 j 15:04	3°♑52'29	0.61537 AU
morning rise	-2813 Jan 25 j 02:40	1°♑00'20	
	-2813 Jan 26 j 17:55	30°℞♐	
direct	-2813 Feb 01 j 02:05	28°♐34'23	
	-2813 Feb 06 j 17:40	0°♑	
desc. node	-2813 Feb 10 j 06:54	2°♑09'24	
morning max el	-2813 Feb 15 j 03:40	6°♑19'58	27°40'05
	-2813 Mar 05 j 01:17	0°♒	
morning set	-2813 Mar 19 j 20:21	27°♒06'57	
	-2813 Mar 21 j 05:52	0°♓	
max. Earth dist.	-2813 Mar 25 j 21:50	9°♓56'07	1.32659 AU
superior conj	-2813 Mar 27 j 04:32	12°♓42'54	0°-14'-58
minimum elong	-2813 Mar 27 j 05:13	12°♓46'37	0°14'52
behind sun begin	-2813 Mar 27 j 03:28	12°♓37'06	
behind sun end	-2813 Mar 27 j 06:58	12°♓56'09	
asc. node	-2813 Mar 28 j 14:49	15°♓49'48	
evening rise	-2813 Apr 03 j 04:45	27°♓51'49	
	-2813 Apr 04 j 05:14	0°♈	
	-2813 Apr 21 j 11:26	0°♉	
evening max el	-2813 Apr 28 j 23:56	8°♉42'46	24°46'58
desc. node	-2813 May 09 j 05:55	15°♉15'37	
retrograde	-2813 May 12 j 23:58	15°♉48'10	
evening set	-2813 May 17 j 22:08	14°♉53'00	
min. Earth dist.	-2813 May 23 j 12:00	11°♉58'33	0.57202 AU
inferior conj	-2813 May 26 j 09:57	10°♉03'27	-3°-57'-19
minimum elong	-2813 May 26 j 05:05	10°♉11'32	3°56'29
morning rise	-2813 Jun 03 j 16:05	5°♉54'13	
direct	-2813 Jun 06 j 04:07	5°♉36'22	
morning max el	-2813 Jun 15 j 05:50	9°♉49'59	19°16'09
asc. node	-2813 Jun 24 j 14:16	22°♉29'54	
	-2813 Jun 28 j 17:09	0°♊	
morning set	-2813 Jul 02 j 05:53	6°♊53'32	
superior conj	-2813 Jul 10 j 13:11	23°♊21'30	1°47'51
minimum elong	-2813 Jul 10 j 12:24	23°♊17'40	1°47'54
	-2813 Jul 14 j 00:23	0°♋	
max. Earth dist.	-2813 Jul 16 j 20:18	5°♋15'33	1.38081 AU
evening rise	-2813 Jul 20 j 17:40	12°♋14'21	
	-2813 Jul 31 j 10:27	0°♌	
desc. node	-2813 Aug 05 j 05:09	7°♌18'13	
	-2813 Aug 22 j 07:59	0°♍	
evening max el	-2813 Aug 25 j 11:35	3°♍18'57	24°55'50
retrograde	-2813 Sep 06 j 03:21	10°♍05'51	
evening set	-2813 Sep 11 j 19:36	7°♍41'46	
min. Earth dist.	-2813 Sep 16 j 09:25	2°♍29'36	0.67117 AU
inferior conj	-2813 Sep 17 j 06:03	1°♍21'22	-1°-7'-20
minimum elong	-2813 Sep 17 j 07:39	1°♍16'02	1°06'38
	-2813 Sep 18 j 06:53	30°℞♌	
asc. node	-2813 Sep 20 j 13:23	27°♌17'21	
morning rise	-2813 Sep 22 j 20:07	25°♌16'36	
direct	-2813 Sep 26 j 08:53	24°♌04'27	
morning max el	-2813 Oct 03 j 22:45	28°♌27'03	19°57'11
	-2813 Oct 05 j 09:21	0°♍	
greatest brilliancy	-2813 Oct 11 j 11:32	7°♍47'47	-0.6m
	-2813 Oct 26 j 09:13	0°♎	
morning set	-2813 Oct 29 j 23:03	5°♎31'05	
desc. node	-2813 Nov 01 j 04:39	8°♎59'04	
max. Earth dist.	-2813 Nov 10 j 16:53	23°♎56'55	1.43972 AU
	-2813 Nov 14 j 11:21	0°♏	
superior conj	-2813 Nov 15 j 14:44	1°♏50'59	-1°-24'-5
minimum elong	-2813 Nov 15 j 07:26	1°♏21'20	1°23'26
evening rise	-2813 Nov 29 j 00:42	24°♏14'45	
	-2813 Dec 02 j 09:25	0°♐	
evening max el	-2813 Dec 17 j 03:36	22°♐13'38	18°15'37
asc. node	-2813 Dec 17 j 12:28	22°♐35'38	
retrograde	-2813 Dec 23 j 16:11	25°♐44'41	
evening set	-2813 Dec 26 j 11:39	25°♐03'18	
inferior conj	-2812 Jan 01 j 16:59	19°♐40'00	3°47'28
minimum elong	-2812 Jan 01 j 14:48	19°♐45'57	3°47'07
min. Earth dist.	-2812 Jan 04 j 03:37	17°♐00'01	0.63386 AU
morning rise	-2812 Jan 07 j 16:20	13°♐40'56	
direct	-2812 Jan 14 j 16:54	10°♐55'08	
desc. node	-2812 Jan 28 j 03:57	18°♐24'35	
morning max el	-2812 Jan 28 j 10:41	18°♐41'09	27°39'02
	-2812 Feb 07 j 01:32	0°♑	
	-2812 Feb 25 j 21:24	0°♒	
morning set	-2812 Mar 02 j 19:43	11°♒23'15	
max. Earth dist.	-2812 Mar 08 j 04:01	22°♒23'48	1.33205 AU
superior conj	-2812 Mar 10 j 12:47	27°♒26'19	0°-40'-29
minimum elong	-2812 Mar 10 j 14:37	27°♒36'10	0°40'11
	-2812 Mar 11 j 17:23	0°♓	
asc. node	-2812 Mar 14 j 11:50	5°♓58'12	
evening rise	-2812 Mar 17 j 16:26	12°♓46'18	
	-2812 Mar 26 j 12:24	0°♈	
evening max el	-2812 Apr 09 j 15:39	19°♈24'11	23°13'30
retrograde	-2812 Apr 23 j 02:30	26°♈03'48	
desc. node	-2812 Apr 25 j 02:57	25°♈54'45	
evening set	-2812 Apr 26 j 16:15	25°♈35'53	
min. Earth dist.	-2812 May 04 j 02:04	22°♈15'36	0.55777 AU
inferior conj	-2812 May 05 j 20:23	21°♈13'33	-2°-48'-11
minimum elong	-2812 May 05 j 14:07	21°♈22'45	2°46'26
morning rise	-2812 May 14 j 15:06	17°♈16'36	
direct	-2812 May 17 j 05:14	17°♈00'18	
morning max el	-2812 May 27 j 20:54	21°♈57'15	20°23'40
	-2812 Jun 03 j 13:34	0°♉	
asc. node	-2812 Jun 10 j 11:18	11°♉39'23	
morning set	-2812 Jun 15 j 10:42	21°♉27'35	
	-2812 Jun 19 j 14:30	0°♊	
superior conj	-2812 Jun 23 j 04:33	7°♊19'55	1°40'25
minimum elong	-2812 Jun 23 j 02:29	7°♊09'24	1°40'20
max. Earth dist.	-2812 Jun 28 j 02:18	17°♊03'26	1.36286 AU
evening rise	-2812 Jul 02 j 04:54	24°♊49'23	
	-2812 Jul 05 j 01:24	0°♋	
desc. node	-2812 Jul 22 j 02:10	27°♋19'28	
	-2812 Jul 23 j 23:41	0°♌	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening max el	-2812 Aug 06 j 22:41	16°♌52'11	26°04'53
retrograde	-2812 Aug 19 j 11:05	24°♌00'09	
evening set	-2812 Aug 25 j 18:06	21°♌21'19	
min. Earth dist.	-2812 Aug 29 j 23:34	16°♌46'57	0.66459 AU
inferior conj	-2812 Aug 31 j 07:50	15°♌05'52	-2°00'-22
minimum elong	-2812 Aug 31 j 10:40	14°♌57'00	1°59'15
morning rise	-2812 Sep 06 j 03:59	9°♌11'30	
asc. node	-2812 Sep 06 j 10:28	9°♌02'13	
direct	-2812 Sep 09 j 07:09	8°♌15'06	
morning max el	-2812 Sep 16 j 05:52	12°♌10'06	19°01'43
	-2812 Sep 29 j 04:45	0°♍	
morning set	-2812 Oct 08 j 09:44	14°♍26'48	
desc. node	-2812 Oct 18 j 01:39	29°♍39'01	
	-2812 Oct 18 j 07:00	0°♎	
max. Earth dist.	-2812 Oct 23 j 09:31	8°♎02'09	1.44765 AU
superior conj	-2812 Oct 24 j 21:57	10°♎25'55	0°-42'-55
minimum elong	-2812 Oct 24 j 16:33	10°♎04'38	0°42'15
	-2812 Nov 06 j 04:00	0°♏	
evening rise	-2812 Nov 09 j 06:06	5°♏00'34	
	-2812 Nov 25 j 01:57	0°♐	
evening max el	-2812 Nov 29 j 15:27	5°♐37'00	18°41'29
asc. node	-2812 Dec 03 j 09:32	8°♐35'12	
retrograde	-2812 Dec 06 j 08:21	9°♐22'31	
evening set	-2812 Dec 09 j 08:52	8°♐30'53	
inferior conj	-2812 Dec 15 j 06:25	2°♐49'25	3°20'42
minimum elong	-2812 Dec 15 j 03:28	2°♐58'19	3°19'59
min. Earth dist.	-2812 Dec 17 j 02:01	0°♐38'36	0.64911 AU
	-2812 Dec 17 j 15:15	30°℞♏	
morning rise	-2812 Dec 20 j 20:57	26°♏42'09	
direct	-2812 Dec 27 j 14:22	23°♏51'41	
	-2811 Jan 08 j 06:15	0°♐	
morning max el	-2811 Jan 09 j 20:10	1°♐30'57	27°04'23
desc. node	-2811 Jan 14 j 01:00	6°♐03'36	
	-2811 Jan 31 j 04:15	0°♑	
morning set	-2811 Feb 14 j 09:36	25°♑06'06	
	-2811 Feb 16 j 21:33	0°♒	
max. Earth dist.	-2811 Feb 19 j 00:58	4°♒18'42	1.34167 AU
superior conj	-2811 Feb 22 j 16:24	11°♒50'38	-1°-5'-4
minimum elong	-2811 Feb 22 j 19:12	12°♒05'21	1°04'39
asc. node	-2811 Mar 01 j 08:51	25°♒57'28	
evening rise	-2811 Mar 02 j 02:45	27°♒30'56	
	-2811 Mar 03 j 07:34	0°♓	
	-2811 Mar 22 j 06:35	0°♈	
evening max el	-2811 Mar 22 j 11:44	0°♈12'25	21°41'10
retrograde	-2811 Apr 03 j 18:27	6°♈09'12	
evening set	-2811 Apr 06 j 09:06	5°♈53'51	
desc. node	-2811 Apr 12 j 00:00	3°♈52'00	
inferior conj	-2811 Apr 15 j 17:20	1°♈51'24	-1°-2'-15
minimum elong	-2811 Apr 15 j 14:26	1°♈55'28	1°01'16
min. Earth dist.	-2811 Apr 15 j 15:34	1°♈53'54	0.55129 AU
	-2811 Apr 19 j 03:28	30°℞♓	
morning rise	-2811 Apr 24 j 20:29	27°♓51'48	
direct	-2811 Apr 27 j 17:54	27°♓33'22	
	-2811 May 05 j 16:36	0°♈	
morning max el	-2811 May 10 j 01:06	3°♈22'49	21°49'28
	-2811 May 27 j 17:31	0°♉	
asc. node	-2811 May 28 j 08:19	1°♉13'47	
morning set	-2811 May 30 j 19:50	6°♉17'25	
superior conj	-2811 Jun 07 j 04:47	21°♉47'03	1°27'00
minimum elong	-2811 Jun 07 j 02:10	21°♉33'27	1°26'46
max. Earth dist.	-2811 Jun 10 j 16:51	29°♉00'55	1.34802 AU
	-2811 Jun 11 j 04:31	0°♊	
evening rise	-2811 Jun 15 j 09:04	8°♊16'33	
	-2811 Jun 27 j 14:55	0°♋	

desc. node	-2811 Jul 08 j 23:10	16°♋53'27	
	-2811 Jul 20 j 01:38	0°♌	
evening max el	-2811 Jul 20 j 10:08	0°♌20'42	26°56'19
retrograde	-2811 Aug 02 j 13:47	7°♌40'08	
evening set	-2811 Aug 09 j 09:14	4°♌53'38	
min. Earth dist.	-2811 Aug 13 j 07:00	0°♌57'51	0.65439 AU
	-2811 Aug 14 j 03:02	30°℞♋	
inferior conj	-2811 Aug 15 j 04:14	28°♋46'21	-2°-50'-15
minimum elong	-2811 Aug 15 j 07:59	28°♋35'25	2°49'00
morning rise	-2811 Aug 21 j 08:00	23°♋05'40	
direct	-2811 Aug 24 j 03:52	22°♋21'39	
asc. node	-2811 Aug 24 j 07:32	22°♋21'47	
morning max el	-2811 Aug 30 j 18:09	25°♋58'08	18°22'20
	-2811 Sep 03 j 04:20	0°♌	
morning set	-2811 Sep 18 j 22:59	24°♌41'26	
	-2811 Sep 22 j 05:04	0°♍	
superior conj	-2811 Oct 03 j 22:03	18°♍46'15	0°06'36
minimum elong	-2811 Oct 03 j 22:54	18°♍49'37	0°06'29
behind sun begin	-2811 Oct 03 j 12:33	18°♍08'39	
behind sun end	-2811 Oct 04 j 09:15	19°♍30'34	
desc. node	-2811 Oct 04 j 22:40	20°♍23'32	
max. Earth dist.	-2811 Oct 06 j 04:02	22°♍19'23	1.44829 AU
	-2811 Oct 11 j 01:12	0°♎	
evening rise	-2811 Oct 20 j 11:01	14°♎44'54	
	-2811 Oct 30 j 05:30	0°♏	
greatest brilliancy	-2811 Nov 03 j 16:38	6°♏47'08	-0.7m
evening max el	-2811 Nov 13 j 00:12	19°♏03'22	19°24'19
retrograde	-2811 Nov 20 j 04:29	23°♏12'18	
asc. node	-2811 Nov 20 j 06:35	23°♏12'15	
evening set	-2811 Nov 23 j 11:52	22°♏08'25	
inferior conj	-2811 Nov 29 j 03:42	16°♏11'55	2°43'41
minimum elong	-2811 Nov 29 j 00:43	16°♏21'33	2°42'42
min. Earth dist.	-2811 Nov 30 j 09:21	14°♏36'28	0.66068 AU
morning rise	-2811 Dec 04 j 12:47	9°♏58'53	
direct	-2811 Dec 10 j 17:56	7°♏16'12	
morning max el	-2811 Dec 23 j 05:45	14°♏37'46	26°02'59
desc. node	-2811 Dec 31 j 22:04	24°♏42'14	
	-2810 Jan 04 j 20:59	0°♐	
	-2810 Jan 23 j 22:46	0°♑	
morning set	-2810 Jan 28 j 09:52	8°♑03'25	
max. Earth dist.	-2810 Feb 01 j 10:14	15°♑39'46	1.35575 AU
superior conj	-2810 Feb 06 j 12:58	25°♑48'45	-1°-27'-12
minimum elong	-2810 Feb 06 j 16:18	26°♑05'39	1°26'51
	-2810 Feb 08 j 14:11	0°♒	
evening rise	-2810 Feb 14 j 09:50	11°♒59'40	
asc. node	-2810 Feb 16 j 05:52	15°♒42'58	
	-2810 Feb 23 j 22:59	0°♓	
evening max el	-2810 Mar 04 j 17:20	11°♓30'06	20°20'49
retrograde	-2810 Mar 15 j 08:58	16°♓34'43	
evening set	-2810 Mar 17 j 15:01	16°♓22'03	
inferior conj	-2810 Mar 26 j 13:54	12°♓23'42	0°54'49
minimum elong	-2810 Mar 26 j 16:18	12°♓20'09	0°53'59
min. Earth dist.	-2810 Mar 28 j 05:41	11°♓25'01	0.55418 AU
desc. node	-2810 Mar 29 j 21:05	10°♓28'59	
morning rise	-2810 Apr 04 j 15:19	8°♓02'40	
direct	-2810 Apr 08 j 07:05	7°♓33'31	
morning max el	-2810 Apr 21 j 20:20	14°♓12'53	23°27'08
	-2810 May 04 j 00:40	0°♈	
morning set	-2810 May 15 j 07:21	21°♈16'16	
asc. node	-2810 May 15 j 05:20	21°♈05'45	
	-2810 May 19 j 09:45	0°♉	
superior conj	-2810 May 22 j 10:55	6°♉33'06	1°09'11
minimum elong	-2810 May 22 j 08:24	6°♉19'40	1°08'50
max. Earth dist.	-2810 May 24 j 17:02	11°♉21'05	1.33692 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening rise	-2810 May 30 j 01:31	22°♉21'45	
	-2810 Jun 02 j 23:58	0°♊	
	-2810 Jun 21 j 09:25	0°♋	
desc. node	-2810 Jun 25 j 20:11	5°♋48'03	
evening max el	-2810 Jul 02 j 21:00	13°♋33'28	27°22'57
retrograde	-2810 Jul 16 j 11:01	20°♋56'36	
evening set	-2810 Jul 23 j 14:00	18°♋13'33	
min. Earth dist.	-2810 Jul 27 j 05:48	14°♋53'22	0.64041 AU
inferior conj	-2810 Jul 29 j 16:47	12°♋17'23	-3°-34'-18
minimum elong	-2810 Jul 29 j 20:51	12°♋06'37	3°33'16
morning rise	-2810 Aug 05 j 05:32	6°♋53'27	
direct	-2810 Aug 07 j 20:27	6°♋18'42	
asc. node	-2810 Aug 11 j 04:37	7°♋15'09	
morning max el	-2810 Aug 14 j 09:01	9°♋45'15	18°00'06
	-2810 Aug 28 j 00:04	0°♌	
morning set	-2810 Aug 31 j 14:54	6°♌12'08	
superior conj	-2810 Sep 13 j 13:13	27°♌53'48	0°51'40
minimum elong	-2810 Sep 13 j 18:22	28°♌14'48	0°51'04
	-2810 Sep 14 j 20:16	0°♍	
max. Earth dist.	-2810 Sep 18 j 20:50	6°♍28'07	1.44175 AU
desc. node	-2810 Sep 21 j 19:39	11°♍08'55	
evening rise	-2810 Sep 29 j 20:23	23°♍40'24	
	-2810 Oct 03 j 23:12	0°♎	
greatest brilliancy	-2810 Oct 20 j 17:08	24°♎39'16	-0.6m
	-2810 Oct 24 j 21:49	0°♏	
evening max el	-2810 Oct 27 j 03:57	2°♏30'01	20°22'21
retrograde	-2810 Nov 04 j 01:55	7°♏09'42	
asc. node	-2810 Nov 07 j 03:39	6°♏15'10	
evening set	-2810 Nov 07 j 18:18	5°♏51'09	
inferior conj	-2810 Nov 13 j 06:11	29°♎43'08	1°59'25
minimum elong	-2810 Nov 13 j 03:43	29°♎51'27	1°58'27
	-2810 Nov 13 j 01:11	30°℞♎	
min. Earth dist.	-2810 Nov 13 j 23:29	28°♎44'53	0.66865 AU
morning rise	-2810 Nov 18 j 12:36	23°♎26'55	
direct	-2810 Nov 24 j 03:03	21°♎00'35	
morning max el	-2810 Dec 05 j 14:23	27°♎50'48	24°44'06
	-2810 Dec 07 j 15:28	0°♏	
desc. node	-2810 Dec 18 j 19:08	14°♏02'47	
	-2810 Dec 29 j 14:13	0°♐	
morning set	-2809 Jan 10 j 15:05	19°♐59'37	
max. Earth dist.	-2809 Jan 14 j 09:03	26°♐43'50	1.37389 AU
	-2809 Jan 16 j 03:31	0°♑	
superior conj	-2809 Jan 20 j 23:20	9°♑11'58	-1°-44'-55
minimum elong	-2809 Jan 21 j 02:22	9°♑26'41	1°44'46
evening rise	-2809 Jan 29 j 11:30	26°♑06'13	
	-2809 Jan 31 j 10:43	0°♒	
asc. node	-2809 Feb 03 j 02:54	5°♒09'15	
evening max el	-2809 Feb 15 j 09:50	23°♒25'17	19°18'09
retrograde	-2809 Feb 24 j 10:01	27°♒43'07	
evening set	-2809 Feb 26 j 17:08	27°♒27'37	
inferior conj	-2809 Mar 06 j 23:31	23°♒18'34	2°31'11
minimum elong	-2809 Mar 07 j 04:20	23°♒10'30	2°29'50
min. Earth dist.	-2809 Mar 09 j 20:54	21°♒23'23	0.56582 AU
morning rise	-2809 Mar 15 j 11:41	18°♒26'51	
desc. node	-2809 Mar 16 j 18:10	18°♒02'33	
direct	-2809 Mar 20 j 07:34	17°♒33'04	
morning max el	-2809 Apr 03 j 11:19	24°♒47'07	25°05'09
	-2809 Apr 08 j 06:32	0°♓	
	-2809 Apr 26 j 17:58	0°♈	
morning set	-2809 Apr 29 j 19:33	6°♈18'18	
asc. node	-2809 May 02 j 02:22	11°♈09'49	
superior conj	-2809 May 06 j 20:44	21°♈30'28	0°48'06
minimum elong	-2809 May 06 j 18:47	21°♈19'50	0°47'45
max. Earth dist.	-2809 May 08 j 01:04	24°♈04'16	1.32958 AU
	-2809 May 10 j 19:20	0°♉	
evening rise	-2809 May 14 j 02:36	6°♉53'36	
	-2809 May 26 j 12:43	0°♊	
desc. node	-2809 Jun 12 j 17:12	23°♊46'36	
evening max el	-2809 Jun 15 j 05:20	26°♊18'50	27°19'06
	-2809 Jun 19 j 14:24	0°♋	
retrograde	-2809 Jun 29 j 01:57	3°♋40'32	
evening set	-2809 Jul 06 j 04:42	1°♋14'54	
	-2809 Jul 07 j 21:08	30°℞♊	
min. Earth dist.	-2809 Jul 09 j 18:50	28°♊21'47	0.62297 AU
inferior conj	-2809 Jul 12 j 18:35	25°♊32'47	-4°-8'-22
minimum elong	-2809 Jul 12 j 21:52	25°♊25'00	4°07'49
morning rise	-2809 Jul 19 j 17:32	20°♊28'25	
direct	-2809 Jul 22 j 05:47	20°♊00'17	
morning max el	-2809 Jul 28 j 23:45	23°♊25'28	17°56'02
asc. node	-2809 Jul 29 j 01:42	23°♊30'16	
	-2809 Aug 03 j 05:07	0°♋	
morning set	-2809 Aug 14 j 04:25	18°♋44'57	
	-2809 Aug 20 j 11:44	0°♌	
superior conj	-2809 Aug 25 j 07:11	8°♌20'51	1°24'04
minimum elong	-2809 Aug 25 j 12:17	8°♌42'38	1°23'39
max. Earth dist.	-2809 Sep 01 j 09:35	20°♌12'30	1.42899 AU
	-2809 Sep 07 j 12:05	0°♍	
desc. node	-2809 Sep 08 j 16:37	1°♍52'11	
evening rise	-2809 Sep 09 j 02:12	2°♍29'41	
	-2809 Sep 27 j 11:54	0°♎	
greatest brilliancy	-2809 Oct 05 j 01:30	10°♎10'40	-0.4m
evening max el	-2809 Oct 10 j 01:45	15°♎56'21	21°32'37
retrograde	-2809 Oct 18 j 22:29	21°♎12'08	
evening set	-2809 Oct 23 j 02:12	19°♎36'22	
asc. node	-2809 Oct 25 j 00:46	17°♎46'12	
inferior conj	-2809 Oct 28 j 11:44	13°♎20'21	1°10'08
minimum elong	-2809 Oct 28 j 10:10	13°♎25'44	1°09'29
min. Earth dist.	-2809 Oct 28 j 17:57	12°♎58'55	0.67334 AU
morning rise	-2809 Nov 02 j 17:50	7°♎03'42	
direct	-2809 Nov 07 j 16:56	4°♎58'20	
morning max el	-2809 Nov 17 j 23:35	11°♎06'09	23°17'36
greatest brilliancy	-2809 Nov 23 j 06:46	17°♎04'40	-0.3m
	-2809 Dec 02 j 23:26	0°♏	
desc. node	-2809 Dec 05 j 16:09	3°♏52'40	
	-2809 Dec 22 j 09:55	0°♐	
morning set	-2809 Dec 22 j 18:51	0°♐37'19	
max. Earth dist.	-2809 Dec 27 j 04:17	8°♐06'50	1.39454 AU
superior conj	-2808 Jan 03 j 19:17	21°♐48'17	-1°-55'-31
minimum elong	-2808 Jan 03 j 20:40	21°♐54'42	1°55'35
	-2808 Jan 08 j 03:47	0°♑	
evening rise	-2808 Jan 13 j 05:02	9°♑42'52	
asc. node	-2808 Jan 20 j 23:57	24°♑08'56	
	-2808 Jan 24 j 16:03	0°♒	
evening max el	-2808 Jan 29 j 11:31	5°♒52'59	18°35'09
retrograde	-2808 Feb 06 j 05:03	9°♒38'59	
evening set	-2808 Feb 08 j 15:44	9°♒17'42	
inferior conj	-2808 Feb 16 j 04:58	4°♒49'11	3°31'19
minimum elong	-2808 Feb 16 j 08:34	4°♒42'10	3°30'39
min. Earth dist.	-2808 Feb 19 j 14:17	2°♒12'28	0.58355 AU
	-2808 Feb 22 j 22:53	30°℞♑	
morning rise	-2808 Feb 23 j 21:43	29°♑29'57	
direct	-2808 Feb 29 j 21:10	27°♑59'57	
desc. node	-2808 Mar 02 j 15:16	28°♑07'39	
	-2808 Mar 07 j 23:04	0°♒	
morning max el	-2808 Mar 15 j 03:59	5°♒32'14	26°28'41
	-2808 Apr 02 j 03:33	0°♓	
morning set	-2808 Apr 13 j 06:42	21°♓16'28	
	-2808 Apr 17 j 08:38	0°♈	
asc. node	-2808 Apr 17 j 23:24	1°♈20'21	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2808 Apr 20 j 08:17	6°♈31'26	0°24'41
minimum elong	-2808 Apr 20 j 07:12	6°♈25'32	0°24'27
max. Earth dist.	-2808 Apr 20 j 13:35	7°♈00'30	1.32574 AU
evening rise	-2808 Apr 27 j 09:22	21°♈41'22	
	-2808 May 01 j 11:58	0°♉	
	-2808 May 19 j 21:32	0°♊	
evening max el	-2808 May 27 j 08:38	8°♊25'01	26°42'21
desc. node	-2808 May 29 j 14:15	10°♊25'11	
retrograde	-2808 Jun 10 j 09:08	15°♊43'08	
evening set	-2808 Jun 17 j 00:58	13°♊48'16	
min. Earth dist.	-2808 Jun 20 j 22:04	11°♊08'07	0.60303 AU
inferior conj	-2808 Jun 24 j 06:05	8°♊23'30	-4°-26'-4
minimum elong	-2808 Jun 24 j 07:03	8°♊21'29	4°25'58
morning rise	-2808 Jul 01 j 16:22	3°♊41'02	
direct	-2808 Jul 04 j 03:52	3°♊17'39	
morning max el	-2808 Jul 11 j 11:29	6°♊51'19	18°11'15
asc. node	-2808 Jul 14 j 22:47	10°♊51'19	
	-2808 Jul 26 j 07:18	0°♋	
morning set	-2808 Jul 27 j 10:03	2°♋05'25	
superior conj	-2808 Aug 06 j 03:32	20°♋06'55	1°42'23
minimum elong	-2808 Aug 06 j 06:20	20°♋19'31	1°42'19
	-2808 Aug 11 j 18:16	0°♌	
max. Earth dist.	-2808 Aug 13 j 17:17	3°♌20'42	1.41164 AU
evening rise	-2808 Aug 18 j 23:29	12°♌03'48	
desc. node	-2808 Aug 25 j 13:36	22°♌30'09	
	-2808 Aug 30 j 11:59	0°♍	
greatest brilliancy	-2808 Sep 16 j 18:36	23°♍49'24	-0.3m
evening max el	-2808 Sep 21 j 17:57	29°♍23'32	22°50'49
	-2808 Sep 22 j 08:41	0°♎	
retrograde	-2808 Oct 01 j 16:46	5°♎17'33	
evening set	-2808 Oct 06 j 09:47	3°♎22'46	
	-2808 Oct 09 j 13:34	30°℞♍	
asc. node	-2808 Oct 10 j 21:53	28°♍12'57	
inferior conj	-2808 Oct 11 j 18:29	27°♍02'10	0°17'43
minimum elong	-2808 Oct 11 j 18:03	27°♍03'36	0°17'33
min. Earth dist.	-2808 Oct 11 j 14:18	27°♍16'34	0.67494 AU
morning rise	-2808 Oct 17 j 02:17	20°♍47'57	
direct	-2808 Oct 21 j 10:42	19°♍04'44	
morning max el	-2808 Oct 30 j 12:50	24°♍27'25	21°52'34
	-2808 Nov 04 j 09:44	0°♎	
greatest brilliancy	-2808 Nov 04 j 09:33	29°♍59'27	-0.4m
desc. node	-2808 Nov 21 j 13:10	24°♎03'40	
	-2808 Nov 25 j 10:48	0°♏	
morning set	-2808 Dec 01 j 17:39	9°♏51'08	
max. Earth dist.	-2808 Dec 08 j 04:03	20°♏20'11	1.41496 AU
	-2808 Dec 13 j 20:38	0°♐	
superior conj	-2808 Dec 15 j 19:31	3°♐24'28	-1°-55'-23
minimum elong	-2808 Dec 15 j 17:37	3°♐16'09	1°55'26
evening rise	-2808 Dec 26 j 11:10	22°♐42'31	
	-2808 Dec 30 j 10:27	0°♑	
asc. node	-2807 Jan 06 j 21:01	12°♑33'33	
evening max el	-2807 Jan 11 j 19:41	18°♑45'25	18°12'11
retrograde	-2807 Jan 18 j 18:09	22°♑15'31	
evening set	-2807 Jan 21 j 08:02	21°♑47'14	
inferior conj	-2807 Jan 28 j 06:33	16°♑56'38	3°57'00
minimum elong	-2807 Jan 28 j 07:32	16°♑54'25	3°56'53
min. Earth dist.	-2807 Jan 31 j 12:54	14°♑01'06	0.60380 AU
morning rise	-2807 Feb 04 j 04:11	11°♑17'07	
direct	-2807 Feb 10 j 22:02	9°♑09'34	
desc. node	-2807 Feb 17 j 12:22	11°♑00'26	
morning max el	-2807 Feb 25 j 02:32	16°♑51'19	27°24'12
	-2807 Mar 07 j 23:41	0°♒	
	-2807 Mar 25 j 15:04	0°♓	
morning set	-2807 Mar 28 j 15:01	6°♓04'26	
max. Earth dist.	-2807 Apr 04 j 02:48	19°♓56'51	1.32531 AU
superior conj	-2807 Apr 04 j 19:51	21°♓30'04	0°00'-14
minimum elong	-2807 Apr 04 j 19:52	21°♓30'07	0°00'17
behind sun begin	-2807 Apr 04 j 14:51	21°♓02'42	
behind sun end	-2807 Apr 05 j 00:53	21°♓57'33	
asc. node	-2807 Apr 04 j 20:25	21°♓33'10	
	-2807 Apr 08 j 17:17	0°♈	
evening rise	-2807 Apr 11 j 19:31	6°♈36'58	
	-2807 Apr 24 j 04:28	0°♉	
evening max el	-2807 May 09 j 05:16	19°♉47'15	25°35'27
desc. node	-2807 May 16 j 11:20	25°♉11'37	
retrograde	-2807 May 23 j 06:50	26°♉59'37	
evening set	-2807 May 28 j 23:22	25°♉42'55	
min. Earth dist.	-2807 Jun 02 j 17:26	22°♉58'25	0.58272 AU
inferior conj	-2807 Jun 05 j 23:37	20°♉39'19	-4°-17'-59
minimum elong	-2807 Jun 05 j 20:53	20°♉44'14	4°17'42
morning rise	-2807 Jun 13 j 22:19	16°♉19'13	
direct	-2807 Jun 16 j 10:09	15°♉59'33	
morning max el	-2807 Jun 24 j 17:18	19°♉53'57	18°46'36
asc. node	-2807 Jul 01 j 19:50	29°♉03'31	
	-2807 Jul 02 j 09:49	0°♊	
morning set	-2807 Jul 11 j 03:14	16°♊01'04	
	-2807 Jul 18 j 07:45	0°♋	
superior conj	-2807 Jul 19 j 20:51	2°♋56'40	1°48'40
minimum elong	-2807 Jul 19 j 21:11	2°♋58'15	1°48'44
max. Earth dist.	-2807 Jul 26 j 20:21	15°♋45'20	1.39203 AU
evening rise	-2807 Jul 30 j 21:49	22°♋49'25	
	-2807 Aug 04 j 04:53	0°♌	
desc. node	-2807 Aug 12 j 10:36	12°♌58'18	
	-2807 Aug 24 j 09:28	0°♍	
evening max el	-2807 Sep 04 j 06:10	12°♍52'22	24°11'14
retrograde	-2807 Sep 15 j 07:37	19°♍22'18	
evening set	-2807 Sep 20 j 15:19	17°♍08'11	
min. Earth dist.	-2807 Sep 25 j 10:08	11°♍35'43	0.67348 AU
inferior conj	-2807 Sep 26 j 00:40	10°♍46'36	0°-36'-14
minimum elong	-2807 Sep 26 j 01:32	10°♍43'40	0°35'50
asc. node	-2807 Sep 27 j 18:58	8°♍26'53	
morning rise	-2807 Oct 01 j 12:00	4°♍37'40	
direct	-2807 Oct 05 j 07:17	3°♍15'08	
morning max el	-2807 Oct 13 j 08:49	7°♍57'24	20°35'46
greatest brilliancy	-2807 Oct 19 j 14:12	15°♍22'55	-0.5m
	-2807 Oct 29 j 20:43	0°♎	
desc. node	-2807 Nov 08 j 10:10	14°♎29'14	
morning set	-2807 Nov 10 j 18:34	18°♎07'17	
	-2807 Nov 18 j 07:38	0°♏	
max. Earth dist.	-2807 Nov 20 j 11:03	3°♏26'27	1.43218 AU
superior conj	-2807 Nov 26 j 18:25	13°♏46'54	-1°-40'-30
minimum elong	-2807 Nov 26 j 12:30	13°♏22'16	1°40'07
	-2807 Dec 06 j 06:13	0°♐	
evening rise	-2807 Dec 09 j 01:50	4°♐56'29	
asc. node	-2807 Dec 24 j 18:04	0°♑12'11	
	-2807 Dec 24 j 13:59	0°♑	
evening max el	-2807 Dec 26 j 07:21	1°♑54'16	18°08'54
retrograde	-2806 Jan 01 j 21:10	5°♑22'02	
evening set	-2806 Jan 04 j 14:15	4°♑45'53	
	-2806 Jan 10 j 14:54	30°℞♐	
inferior conj	-2806 Jan 11 j 01:04	29°♐33'56	3°56'31
minimum elong	-2806 Jan 10 j 23:47	29°♐37'14	3°56'21
min. Earth dist.	-2806 Jan 13 j 20:00	26°♐42'43	0.62350 AU
morning rise	-2806 Jan 17 j 07:15	23°♐40'29	
direct	-2806 Jan 24 j 08:08	21°♐04'26	
desc. node	-2806 Feb 04 j 09:26	26°♐11'47	
morning max el	-2806 Feb 07 j 07:11	28°♐51'14	27°44'12
	-2806 Feb 08 j 10:23	0°♑	
	-2806 Mar 01 j 19:06	0°♒	
morning set	-2806 Mar 12 j 18:23	20°♒34'51	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2806 Mar 17 j 07:00	0°♓	
max. Earth dist.	-2806 Mar 18 j 12:42	2°♓38'49	1.32838 AU
superior conj	-2806 Mar 20 j 05:49	6°♓20'39	0°-25'-50
minimum elong	-2806 Mar 20 j 07:00	6°♓27'03	0°25'38
asc. node	-2806 Mar 22 j 17:26	11°♓44'18	
evening rise	-2806 Mar 27 j 07:08	21°♓33'30	
	-2806 Mar 31 j 10:05	0°♈	
	-2806 Apr 20 j 06:09	0°♉	
evening max el	-2806 Apr 20 j 21:09	0°♉36'38	24°07'56
desc. node	-2806 May 03 j 08:24	7°♉29'45	
retrograde	-2806 May 04 j 17:18	7°♉34'03	
evening set	-2806 May 09 j 01:26	6°♉52'03	
min. Earth dist.	-2806 May 15 j 08:39	3°♉48'02	0.56515 AU
inferior conj	-2806 May 17 j 21:07	2°♉13'48	-3°-33'-14
minimum elong	-2806 May 17 j 15:09	2°♉23'09	3°31'57
	-2806 May 21 j 16:09	30°℞♈	
morning rise	-2806 May 26 j 08:51	28°♈11'35	
direct	-2806 May 28 j 21:22	27°♈54'47	
	-2806 Jun 04 j 12:32	0°♉	
morning max el	-2806 Jun 07 j 14:31	2°♉24'52	19°42'28
asc. node	-2806 Jun 18 j 16:51	17°♉55'11	
	-2806 Jun 24 j 23:55	0°♊	
morning set	-2806 Jun 25 j 04:36	0°♊23'34	
superior conj	-2806 Jul 03 j 05:34	16°♊34'36	1°45'33
minimum elong	-2806 Jul 03 j 04:08	16°♊27'30	1°45'33
max. Earth dist.	-2806 Jul 08 j 23:05	27°♊37'55	1.37283 AU
	-2806 Jul 10 j 05:37	0°♋	
evening rise	-2806 Jul 12 j 20:56	4°♋48'25	
	-2806 Jul 28 j 04:04	0°♌	
desc. node	-2806 Jul 30 j 07:37	3°♌11'35	
evening max el	-2806 Aug 17 j 17:00	26°♌24'32	25°26'42
	-2806 Aug 21 j 19:13	0°♍	
retrograde	-2806 Aug 29 j 18:21	3°♍22'23	
evening set	-2806 Sep 04 j 17:01	0°♍51'10	
	-2806 Sep 05 j 15:07	30°℞♌	
min. Earth dist.	-2806 Sep 09 j 03:06	25°♌54'54	0.66882 AU
inferior conj	-2806 Sep 10 j 04:37	24°♌32'10	-1°-30'-4
minimum elong	-2806 Sep 10 j 06:46	24°♌25'12	1°29'10
asc. node	-2806 Sep 14 j 16:01	19°♌26'30	
morning rise	-2806 Sep 15 j 21:07	18°♌31'32	
direct	-2806 Sep 19 j 05:24	17°♌26'43	
morning max el	-2806 Sep 26 j 12:11	21°♌36'42	19°31'39
	-2806 Oct 03 j 06:34	0°♍	
greatest brilliancy	-2806 Oct 05 j 11:01	3°♍06'52	-0.7m
morning set	-2806 Oct 20 j 19:01	26°♍30'01	
	-2806 Oct 23 j 00:58	0°♎	
desc. node	-2806 Oct 26 j 07:09	5°♎05'04	
max. Earth dist.	-2806 Nov 03 j 00:22	17°♎13'23	1.44394 AU
superior conj	-2806 Nov 06 j 14:13	22°♎54'59	-1°-8'-20
minimum elong	-2806 Nov 06 j 06:58	22°♎26'00	1°07'33
	-2806 Nov 10 j 23:45	0°♏	
evening rise	-2806 Nov 20 j 20:35	16°♏16'34	
	-2806 Nov 29 j 02:07	0°♐	
evening max el	-2806 Dec 09 j 19:52	15°♐13'46	18°24'28
asc. node	-2806 Dec 11 j 15:07	16°♐52'04	
retrograde	-2806 Dec 16 j 09:33	18°♐50'05	
evening set	-2806 Dec 19 j 06:52	18°♐04'44	
inferior conj	-2806 Dec 25 j 08:38	12°♐33'30	3°37'38
minimum elong	-2806 Dec 25 j 06:01	12°♐40'59	3°37'06
min. Earth dist.	-2806 Dec 27 j 12:56	10°♐04'23	0.64075 AU
morning rise	-2806 Dec 31 j 03:44	6°♐30'22	
direct	-2805 Jan 07 j 02:02	3°♐40'33	
morning max el	-2805 Jan 20 j 15:38	11°♐25'50	27°28'05
desc. node	-2805 Jan 22 j 06:30	13°♐05'42	
	-2805 Feb 04 j 10:54	0°♑	
	-2805 Feb 22 j 04:52	0°♒	
morning set	-2805 Feb 24 j 14:08	4°♒37'58	
max. Earth dist.	-2805 Mar 01 j 15:11	14°♒52'15	1.33548 AU
superior conj	-2805 Mar 04 j 12:19	20°♒56'20	0°-51'-7
minimum elong	-2805 Mar 04 j 14:36	21°♒08'28	0°50'45
	-2805 Mar 08 j 18:01	0°♓	
asc. node	-2805 Mar 09 j 14:26	1°♓49'01	
evening rise	-2805 Mar 11 j 18:24	6°♓23'51	
	-2805 Mar 24 j 12:41	0°♈	
evening max el	-2805 Apr 02 j 13:55	11°♈17'26	22°33'31
retrograde	-2805 Apr 15 j 15:09	17°♈41'14	
evening set	-2805 Apr 18 j 17:01	17°♈20'28	
desc. node	-2805 Apr 20 j 05:28	16°♈55'48	
min. Earth dist.	-2805 Apr 26 j 22:37	13°♈45'11	0.55382 AU
inferior conj	-2805 Apr 28 j 00:39	13°♈08'00	-2°-6'-47
minimum elong	-2805 Apr 27 j 19:16	13°♈15'42	2°05'05
morning rise	-2805 May 06 j 23:47	9°♈11'57	
direct	-2805 May 09 j 15:43	8°♈55'32	
morning max el	-2805 May 21 j 01:03	14°♈14'54	20°58'09
	-2805 Jun 01 j 15:32	0°♉	
asc. node	-2805 Jun 05 j 13:52	7°♉15'57	
morning set	-2805 Jun 09 j 11:31	15°♉04'50	
	-2805 Jun 16 j 16:05	0°♊	
superior conj	-2805 Jun 17 j 01:07	0°♊46'30	1°35'22
minimum elong	-2805 Jun 16 j 22:44	0°♊34'15	1°35'13
max. Earth dist.	-2805 Jun 21 j 08:01	9°♊25'46	1.35611 AU
evening rise	-2805 Jun 25 j 16:02	17°♊47'36	
	-2805 Jul 02 j 10:39	0°♋	
desc. node	-2805 Jul 17 j 04:38	23°♋02'18	
	-2805 Jul 22 j 09:36	0°♌	
evening max el	-2805 Jul 31 j 04:17	9°♌56'46	26°29'20
retrograde	-2805 Aug 13 j 00:11	17°♌11'14	
evening set	-2805 Aug 19 j 12:43	14°♌28'11	
min. Earth dist.	-2805 Aug 23 j 14:50	10°♌10'01	0.66071 AU
inferior conj	-2805 Aug 25 j 04:24	8°♌15'33	-2°-22'-2
minimum elong	-2805 Aug 25 j 07:41	8°♌05'34	2°20'50
morning rise	-2805 Aug 31 j 03:37	2°♌26'22	
asc. node	-2805 Sep 01 j 13:04	1°♌50'08	
direct	-2805 Sep 03 j 03:18	1°♌35'43	
morning max el	-2805 Sep 09 j 21:44	5°♌22'10	18°42'48
	-2805 Sep 26 j 22:52	0°♍	
morning set	-2805 Sep 30 j 16:17	5°♍57'31	
desc. node	-2805 Oct 13 j 04:10	25°♍47'19	
	-2805 Oct 15 j 20:19	0°♎	
superior conj	-2805 Oct 16 j 15:44	1°♎16'29	0°-22'-10
minimum elong	-2805 Oct 16 j 12:48	1°♎04'56	0°21'49
max. Earth dist.	-2805 Oct 16 j 17:46	1°♎24'26	1.44884 AU
evening rise	-2805 Nov 01 j 15:32	26°♎35'46	
	-2805 Nov 03 j 18:37	0°♏	
evening max el	-2805 Nov 23 j 06:44	28°♏39'20	18°57'47
	-2805 Nov 24 j 16:33	0°♐	
asc. node	-2805 Nov 28 j 12:09	2°♐18'29	
retrograde	-2805 Nov 30 j 03:41	2°♐33'36	
evening set	-2805 Dec 03 j 06:51	1°♐37'07	
	-2805 Dec 05 j 08:58	30°℞♏	
inferior conj	-2805 Dec 09 j 01:46	25°♏49'10	3°06'03
minimum elong	-2805 Dec 08 j 22:43	25°♏58'38	3°05'11
min. Earth dist.	-2805 Dec 10 j 15:21	23°♏52'42	0.65452 AU
morning rise	-2805 Dec 14 j 13:36	19°♏39'14	
direct	-2805 Dec 21 j 02:26	16°♏50'25	
morning max el	-2804 Jan 03 j 01:11	24°♏23'49	26°40'57
	-2804 Jan 08 j 03:26	0°♐	
desc. node	-2804 Jan 09 j 03:33	1°♐12'44	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2804 Jan 28 j 20:19	0°♉	
morning set	-2804 Feb 07 j 22:47	18°♉03'05	
max. Earth dist.	-2804 Feb 12 j 06:59	26°♉30'29	1.34707 AU
	-2804 Feb 14 j 00:39	0°♒	
superior conj	-2804 Feb 16 j 13:17	5°♒10'40	-1°-14'-52
minimum elong	-2804 Feb 16 j 16:24	5°♒26'44	1°14'27
evening rise	-2804 Feb 24 j 03:35	21°♒02'21	
asc. node	-2804 Feb 24 j 11:28	21°♒43'03	
	-2804 Feb 28 j 14:33	0°♓	
evening max el	-2804 Mar 14 j 13:47	22°♓16'40	21°05'12
retrograde	-2804 Mar 26 j 04:31	27°♓50'50	
evening set	-2804 Mar 28 j 13:53	27°♓37'34	
desc. node	-2804 Apr 06 j 02:31	24°♓03'34	
inferior conj	-2804 Apr 06 j 19:36	23°♓39'26	0°-11'-58
minimum elong	-2804 Apr 06 j 19:02	23°♓40'14	0°11'46
transit middle	-2804 Apr 06 j 19:02	23°♓40'14	0°11'46
transit begin	-2804 Apr 06 j 16:18	23°♓44'07	
transit end	-2804 Apr 06 j 21:46	23°♓36'21	
min. Earth dist.	-2804 Apr 07 j 12:26	23°♓15'35	0.55136 AU
morning rise	-2804 Apr 15 j 23:26	19°♓32'32	
direct	-2804 Apr 19 j 03:25	19°♓10'43	
morning max el	-2804 May 02 j 00:52	25°♓22'53	22°30'03
	-2804 May 06 j 07:35	0°♈	
asc. node	-2804 May 22 j 10:55	26°♈58'18	
morning set	-2804 May 23 j 21:53	29°♈58'49	
	-2804 May 23 j 22:07	0°♉	
superior conj	-2804 May 31 j 04:10	15°♉22'09	1°19'55
minimum elong	-2804 May 31 j 01:32	15°♉08'15	1°19'37
max. Earth dist.	-2804 Jun 03 j 02:50	21°♉32'10	1.34289 AU
	-2804 Jun 07 j 07:10	0°♊	
evening rise	-2804 Jun 08 j 01:58	1°♊32'24	
	-2804 Jun 24 j 09:26	0°♋	
desc. node	-2804 Jul 03 j 01:38	12°♋20'54	
evening max el	-2804 Jul 12 j 15:56	23°♋20'39	27°11'06
	-2804 Jul 22 j 06:40	0°♌	
retrograde	-2804 Jul 26 j 00:31	0°♌41'45	
	-2804 Jul 29 j 13:19	30°℞♋	
evening set	-2804 Aug 01 j 23:50	27°♋55'35	
min. Earth dist.	-2804 Aug 05 j 18:55	24°♋15'16	0.64893 AU
inferior conj	-2804 Aug 07 j 21:49	21°♋52'42	-3°-9'-52
minimum elong	-2804 Aug 08 j 01:48	21°♋41'31	3°08'40
morning rise	-2804 Aug 14 j 05:14	16°♋18'26	
direct	-2804 Aug 16 j 22:46	15°♋38'36	
asc. node	-2804 Aug 18 j 10:10	15°♋50'14	
morning max el	-2804 Aug 23 j 11:22	19°♋09'47	18°10'37
	-2804 Aug 31 j 12:48	0°♌	
morning set	-2804 Sep 10 j 17:24	16°♌46'06	
	-2804 Sep 18 j 17:40	0°♍	
superior conj	-2804 Sep 24 j 19:49	9°♍49'45	0°26'55
minimum elong	-2804 Sep 24 j 23:02	10°♍02'37	0°26'32
max. Earth dist.	-2804 Sep 28 j 12:10	15°♍40'56	1.44642 AU
desc. node	-2804 Sep 29 j 01:08	16°♍32'14	
	-2804 Oct 07 j 15:16	0°♎	
evening rise	-2804 Oct 11 j 10:52	5°♎55'58	
	-2804 Oct 27 j 05:38	0°♏	
greatest brilliancy	-2804 Oct 28 j 18:41	2°♏13'32	-0.6m
evening max el	-2804 Nov 05 j 13:39	12°♏06'20	19°47'21
retrograde	-2804 Nov 13 j 00:33	16°♏27'02	
asc. node	-2804 Nov 14 j 09:15	16°♏16'19	
evening set	-2804 Nov 16 j 11:36	15°♏17'05	
inferior conj	-2804 Nov 22 j 01:33	9°♏15'23	2°25'36
minimum elong	-2804 Nov 21 j 22:44	9°♏24'41	2°24'36
min. Earth dist.	-2804 Nov 23 j 01:43	7°♏55'52	0.66456 AU
morning rise	-2804 Nov 27 j 09:13	3°♏00'58	
direct	-2804 Dec 03 j 08:23	0°♏24'29	
morning max el	-2804 Dec 15 j 10:10	7°♏33'25	25°30'56
desc. node	-2804 Dec 26 j 00:36	20°♏10'42	
	-2803 Jan 02 j 00:06	0°♐	
	-2803 Jan 20 j 07:44	0°♑	
morning set	-2803 Jan 20 j 15:37	0°♑35'42	
max. Earth dist.	-2803 Jan 24 j 11:24	7°♑41'02	1.36311 AU
superior conj	-2803 Jan 30 j 05:57	18°♑54'53	-1°-35'-25
minimum elong	-2803 Jan 30 j 09:17	19°♑11'30	1°35'08
	-2803 Feb 04 j 17:20	0°♒	
evening rise	-2803 Feb 07 j 08:38	5°♒22'11	
asc. node	-2803 Feb 10 j 08:30	11°♒20'53	
	-2803 Feb 21 j 13:25	0°♓	
evening max el	-2803 Feb 25 j 00:01	3°♓49'20	19°51'44
retrograde	-2803 Mar 06 j 21:53	8°♓32'27	
evening set	-2803 Mar 09 j 03:58	8°♓18'55	
inferior conj	-2803 Mar 17 j 20:12	4°♓17'16	1°39'43
minimum elong	-2803 Mar 18 j 00:09	4°♓11'10	1°38'25
min. Earth dist.	-2803 Mar 20 j 02:32	2°♓53'39	0.55824 AU
desc. node	-2803 Mar 23 j 23:37	0°♓47'00	
	-2803 Mar 25 j 21:32	30°℞♒	
morning rise	-2803 Mar 26 j 17:14	29°♒43'57	
direct	-2803 Mar 30 j 20:27	29°♒06'08	
	-2803 Apr 04 j 17:34	0°♓	
morning max el	-2803 Apr 13 j 17:21	6°♓01'37	24°09'46
	-2803 Apr 30 j 19:28	0°♈	
morning set	-2803 May 08 j 09:55	14°♈59'27	
asc. node	-2803 May 09 j 07:59	16°♈55'48	
	-2803 May 15 j 09:38	0°♉	
superior conj	-2803 May 15 j 12:06	0°♉13'17	1°00'35
minimum elong	-2803 May 15 j 09:47	0°♉00'45	1°00'13
max. Earth dist.	-2803 May 17 j 06:56	4°♉03'27	1.33335 AU
evening rise	-2803 May 22 j 22:29	15°♉49'47	
	-2803 May 30 j 08:10	0°♊	
	-2803 Jun 19 j 04:25	0°♋	
desc. node	-2803 Jun 19 j 22:39	0°♋54'00	
evening max el	-2803 Jun 25 j 02:09	6°♋23'45	27°25'19
retrograde	-2803 Jul 08 j 18:57	13°♋45'53	
evening set	-2803 Jul 15 j 23:09	11°♋08'28	
min. Earth dist.	-2803 Jul 19 j 13:32	8°♋01'23	0.63340 AU
inferior conj	-2803 Jul 22 j 06:14	5°♋18'18	-3°-50'-19
minimum elong	-2803 Jul 22 j 10:08	5°♋08'27	3°49'27
morning rise	-2803 Jul 28 j 23:11	0°♋02'21	
	-2803 Jul 29 j 01:33	30°℞♊	
direct	-2803 Jul 31 j 12:50	29°♊30'33	
	-2803 Aug 02 j 23:35	0°♋	
asc. node	-2803 Aug 05 j 07:16	1°♋20'29	
morning max el	-2803 Aug 07 j 02:35	2°♋55'04	17°56'09
morning set	-2803 Aug 23 j 19:20	28°♋46'00	
	-2803 Aug 24 j 12:15	0°♌	
superior conj	-2803 Sep 04 j 21:55	19°♌30'07	1°07'09
minimum elong	-2803 Sep 05 j 03:30	19°♌53'17	1°06'35
max. Earth dist.	-2803 Sep 11 j 04:16	29°♌44'18	1.43705 AU
	-2803 Sep 11 j 08:10	0°♍	
desc. node	-2803 Sep 15 j 22:07	7°♍17'15	
evening rise	-2803 Sep 20 j 16:28	14°♍43'26	
	-2803 Sep 30 j 17:32	0°♎	
greatest brilliancy	-2803 Oct 13 j 21:39	18°♎46'19	-0.5m
evening max el	-2803 Oct 19 j 14:57	25°♎33'03	20°50'52
	-2803 Oct 25 j 14:25	0°♏	
retrograde	-2803 Oct 27 j 21:54	0°♏27'26	
	-2803 Oct 30 j 02:51	30°℞♎	
evening set	-2803 Oct 31 j 18:56	29°♎01'36	
asc. node	-2803 Nov 01 j 06:20	28°♎39'07	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2803 Nov 06 j 05:37	22°♎49'32	1°38'58
minimum elong	-2803 Nov 06 j 03:29	22°♎56'47	1°38'07
min. Earth dist.	-2803 Nov 06 j 17:57	22°♎07'25	0.67109 AU
morning rise	-2803 Nov 11 j 11:39	16°♎32'57	
direct	-2803 Nov 16 j 19:29	14°♎15'31	
morning max el	-2803 Nov 27 j 18:55	20°♎48'12	24°07'38
	-2803 Dec 05 j 16:59	0°♏	
desc. node	-2803 Dec 12 j 21:39	9°♏44'51	
	-2803 Dec 26 j 06:00	0°♐	
morning set	-2802 Jan 02 j 10:43	11°♐59'59	
max. Earth dist.	-2802 Jan 06 j 08:10	18°♐50'25	1.38261 AU
	-2802 Jan 12 j 09:37	0°♑	
superior conj	-2802 Jan 13 j 10:44	1°♑59'14	-1°-50'-29
minimum elong	-2802 Jan 13 j 13:15	2°♑11'15	1°50'26
evening rise	-2802 Jan 22 j 07:13	19°♑16'52	
	-2802 Jan 27 j 21:31	0°♒	
asc. node	-2802 Jan 28 j 05:33	0°♒36'40	
evening max el	-2802 Feb 07 j 20:35	15°♒58'18	18°57'16
retrograde	-2802 Feb 16 j 06:30	20°♒01'01	
evening set	-2802 Feb 18 j 14:59	19°♒43'19	
inferior conj	-2802 Feb 26 j 13:51	15°♒26'17	3°01'20
minimum elong	-2802 Feb 26 j 18:29	15°♒18'00	3°00'14
min. Earth dist.	-2802 Mar 01 j 18:15	13°♒11'06	0.57282 AU
morning rise	-2802 Mar 06 j 18:03	10°♒21'49	
desc. node	-2802 Mar 10 j 20:44	9°♒17'31	
direct	-2802 Mar 12 j 02:07	9°♒13'53	
morning max el	-2802 Mar 26 j 08:32	16°♒37'15	25°43'34
	-2802 Apr 06 j 06:17	0°♓	
morning set	-2802 Apr 22 j 21:51	0°♈00'24	
	-2802 Apr 22 j 21:46	0°♈	
asc. node	-2802 Apr 26 j 05:00	7°♈02'56	
superior conj	-2802 Apr 29 j 22:50	15°♈12'31	0°38'24
minimum elong	-2802 Apr 29 j 21:13	15°♈03'42	0°38'05
max. Earth dist.	-2802 Apr 30 j 17:18	16°♈53'19	1.32745 AU
	-2802 May 06 j 20:40	0°♉	
evening rise	-2802 May 07 j 02:14	0°♉28'48	
	-2802 May 23 j 10:08	0°♊	
desc. node	-2802 Jun 06 j 19:44	18°♊21'49	
evening max el	-2802 Jun 07 j 08:22	18°♊52'24	27°07'30
retrograde	-2802 Jun 21 j 06:47	26°♊13'18	
evening set	-2802 Jun 28 j 06:33	23°♊58'53	
min. Earth dist.	-2802 Jul 01 j 22:03	21°♊13'44	0.61463 AU
inferior conj	-2802 Jul 05 j 02:22	18°♊23'51	-4°-18'-25
minimum elong	-2802 Jul 05 j 04:52	18°♊18'14	4°18'05
morning rise	-2802 Jul 12 j 06:02	13°♊29'01	
direct	-2802 Jul 14 j 17:47	13°♊03'07	
morning max el	-2802 Jul 21 j 16:27	16°♊30'21	18°00'13
asc. node	-2802 Jul 23 j 04:21	18°♊05'24	
	-2802 Jul 31 j 04:36	0°♋	
morning set	-2802 Aug 06 j 16:19	11°♋40'29	
	-2802 Aug 16 j 20:13	0°♌	
superior conj	-2802 Aug 17 j 03:41	0°♌32'38	1°33'28
minimum elong	-2802 Aug 17 j 07:55	0°♌51'09	1°33'12
max. Earth dist.	-2802 Aug 24 j 14:51	13°♌14'24	1.42199 AU
evening rise	-2802 Aug 31 j 02:51	23°♌46'04	
desc. node	-2802 Sep 02 j 19:06	27°♌58'41	
	-2802 Sep 04 j 02:19	0°♍	
	-2802 Sep 24 j 19:48	0°♎	
greatest brilliancy	-2802 Sep 27 j 15:49	3°♎35'39	-0.3m
evening max el	-2802 Oct 02 j 10:06	8°♎59'03	22°05'06
retrograde	-2802 Oct 11 j 17:49	14°♎31'39	
evening set	-2802 Oct 16 j 02:55	12°♎47'54	
asc. node	-2802 Oct 19 j 03:26	9°♎38'15	
inferior conj	-2802 Oct 21 j 11:54	6°♎29'11	0°48'11
minimum elong	-2802 Oct 21 j 10:48	6°♎32'59	0°47'43
min. Earth dist.	-2802 Oct 21 j 13:36	6°♎23'17	0.67440 AU
morning rise	-2802 Oct 26 j 18:30	0°♎13'04	
	-2802 Oct 27 j 00:56	30°℞♍	
direct	-2802 Oct 31 j 11:04	28°♍17'21	
	-2802 Nov 05 j 09:09	0°♎	
morning max el	-2802 Nov 10 j 05:36	4°♎06'21	22°40'44
greatest brilliancy	-2802 Nov 14 j 22:35	9°♎23'36	-0.3m
desc. node	-2802 Nov 29 j 18:41	29°♎44'35	
	-2802 Nov 29 j 22:51	0°♏	
morning set	-2802 Dec 14 j 02:17	22°♏02'09	
	-2802 Dec 18 j 20:53	0°♐	
max. Earth dist.	-2802 Dec 19 j 04:23	0°♐31'55	1.40342 AU
superior conj	-2802 Dec 26 j 22:58	14°♐11'41	-1°-57'-1
minimum elong	-2802 Dec 26 j 23:09	14°♐12'31	1°57'07
	-2801 Jan 04 j 10:47	0°♑	
evening rise	-2801 Jan 05 j 20:22	2°♑39'05	
asc. node	-2801 Jan 15 j 02:36	19°♑22'57	
evening max el	-2801 Jan 22 j 01:23	28°♑37'59	18°22'57
	-2801 Jan 23 j 14:52	0°♒	
retrograde	-2801 Jan 29 j 09:40	2°♒15'34	
evening set	-2801 Jan 31 j 21:34	1°♒51'36	
	-2801 Feb 04 j 13:50	30°℞♑	
inferior conj	-2801 Feb 08 j 04:13	27°♑14'00	3°45'57
minimum elong	-2801 Feb 08 j 06:45	27°♑08'44	3°45'36
min. Earth dist.	-2801 Feb 11 j 13:50	24°♑25'56	0.59201 AU
morning rise	-2801 Feb 15 j 12:28	21°♑44'53	
direct	-2801 Feb 21 j 21:01	19°♑58'09	
desc. node	-2801 Feb 25 j 17:50	20°♑36'10	
morning max el	-2801 Mar 08 j 03:37	27°♑36'13	26°56'21
	-2801 Mar 10 j 11:27	0°♒	
	-2801 Mar 30 j 18:03	0°♓	
morning set	-2801 Apr 07 j 08:01	14°♓55'35	
asc. node	-2801 Apr 13 j 02:01	27°♓15'27	
superior conj	-2801 Apr 14 j 10:36	0°♈13'51	0°14'15
minimum elong	-2801 Apr 14 j 09:59	0°♈10'24	0°14'06
behind sun begin	-2801 Apr 14 j 07:43	29°♓58'03	
behind sun end	-2801 Apr 14 j 12:14	0°♈22'44	
	-2801 Apr 14 j 08:05	0°♈	
max. Earth dist.	-2801 Apr 14 j 06:26	29°♓50'57	1.32506 AU
evening rise	-2801 Apr 21 j 10:41	15°♈21'06	
	-2801 Apr 28 j 20:26	0°♉	
	-2801 May 19 j 16:31	0°♊	
evening max el	-2801 May 20 j 08:42	0°♊39'22	26°17'13
desc. node	-2801 May 24 j 16:47	4°♊17'12	
retrograde	-2801 Jun 03 j 10:34	7°♊56'30	
evening set	-2801 Jun 09 j 17:47	6°♊17'28	
min. Earth dist.	-2801 Jun 13 j 21:43	3°♊37'25	0.59420 AU
inferior conj	-2801 Jun 17 j 06:35	1°♊00'46	-4°-26'-29
minimum elong	-2801 Jun 17 j 06:06	1°♊01'43	4°26'25
	-2801 Jun 18 j 14:13	30°℞♉	
morning rise	-2801 Jun 24 j 22:03	26°♉28'07	
direct	-2801 Jun 27 j 09:26	26°♉06'33	
morning max el	-2801 Jul 05 j 02:03	29°♉47'41	18°23'48
	-2801 Jul 05 j 07:10	0°♊	
asc. node	-2801 Jul 10 j 01:24	5°♊49'48	
morning set	-2801 Jul 21 j 03:17	25°♊16'42	
	-2801 Jul 23 j 14:32	0°♋	
superior conj	-2801 Jul 30 j 09:38	12°♋47'32	1°46'22
minimum elong	-2801 Jul 30 j 11:20	12°♋55'21	1°46'23
max. Earth dist.	-2801 Aug 06 j 19:35	26°♋01'02	1.40338 AU
	-2801 Aug 09 j 03:33	0°♌	
evening rise	-2801 Aug 11 j 10:15	3°♌48'50	
desc. node	-2801 Aug 20 j 16:05	18°♌32'54	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2801 Aug 28 j 08:50	0°♍	
evening max el	-2801 Sep 15 j 00:17	22°♍26'35	23°25'11
retrograde	-2801 Sep 25 j 10:50	28°♍37'00	
evening set	-2801 Sep 30 j 09:51	26°♍34'09	
inferior conj	-2801 Oct 05 j 18:38	20°♍12'34	0°-5'-3
minimum elong	-2801 Oct 05 j 18:45	20°♍12'10	0°04'59
transit middle	-2801 Oct 05 j 18:45	20°♍12'10	0°04'59
transit begin	-2801 Oct 05 j 16:10	20°♍21'01	
transit end	-2801 Oct 05 j 21:19	20°♍03'20	
min. Earth dist.	-2801 Oct 05 j 10:08	20°♍41'42	0.67467 AU
asc. node	-2801 Oct 06 j 00:31	19°♍52'25	
morning rise	-2801 Oct 11 j 03:42	13°♍59'57	
direct	-2801 Oct 15 j 06:17	12°♍25'43	
morning max el	-2801 Oct 23 j 21:23	17°♍30'45	21°18'28
greatest brilliancy	-2801 Oct 29 j 05:12	23°♍40'48	-0.4m
	-2801 Nov 02 j 23:05	0°♎	
desc. node	-2801 Nov 16 j 15:40	20°♎02'25	
	-2801 Nov 23 j 02:20	0°♏	
morning set	-2801 Nov 23 j 13:59	0°♏45'45	
max. Earth dist.	-2801 Dec 01 j 06:34	13°♏06'36	1.42281 AU
superior conj	-2801 Dec 08 j 13:04	25°♏18'15	-1°-51'-7
minimum elong	-2801 Dec 08 j 09:25	25°♏02'37	1°51'01
	-2801 Dec 11 j 06:10	0°♐	
evening rise	-2801 Dec 19 j 20:27	15°♐20'21	
	-2801 Dec 28 j 02:55	0°♑	
asc. node	-2800 Jan 01 j 23:39	7°♑29'46	
evening max el	-2800 Jan 05 j 11:28	11°♑38'59	18°08'28
retrograde	-2800 Jan 12 j 05:01	15°♑06'16	
evening set	-2800 Jan 14 j 20:15	14°♑34'45	
inferior conj	-2800 Jan 21 j 13:28	9°♑35'13	3°59'28
minimum elong	-2800 Jan 21 j 13:23	9°♑35'24	3°59'23
min. Earth dist.	-2800 Jan 24 j 15:50	6°♑38'42	0.61242 AU
morning rise	-2800 Jan 28 j 04:01	3°♑49'19	
direct	-2800 Feb 04 j 02:24	1°♑27'42	
desc. node	-2800 Feb 12 j 14:55	4°♑32'29	
morning max el	-2800 Feb 18 j 04:43	9°♑12'18	27°37'07
	-2800 Mar 05 j 06:16	0°♒	
morning set	-2800 Mar 21 j 14:29	29°♒36'58	
	-2800 Mar 21 j 18:58	0°♓	
max. Earth dist.	-2800 Mar 27 j 18:33	12°♓42'17	1.32617 AU
superior conj	-2800 Mar 28 j 21:42	15°♓10'00	0°-11'-4
minimum elong	-2800 Mar 28 j 22:12	15°♓12'46	0°11'00
behind sun begin	-2800 Mar 28 j 18:32	14°♓52'46	
behind sun end	-2800 Mar 29 j 01:52	15°♓32'46	
asc. node	-2800 Mar 29 j 23:01	17°♓28'14	
evening rise	-2800 Apr 04 j 21:40	0°♈18'02	
	-2800 Apr 04 j 18:15	0°♈	
	-2800 Apr 21 j 09:29	0°♉	
evening max el	-2800 May 01 j 03:01	11°♉45'56	25°00'02
desc. node	-2800 May 10 j 13:50	18°♉04'42	
retrograde	-2800 May 15 j 03:40	18°♉53'12	
evening set	-2800 May 20 j 06:48	17°♉52'47	
min. Earth dist.	-2800 May 25 j 15:07	15°♉01'18	0.57471 AU
inferior conj	-2800 May 28 j 15:41	12°♉59'33	-4°-4'-4
minimum elong	-2800 May 28 j 11:19	13°♉06'56	4°03'25
morning rise	-2800 Jun 05 j 19:51	8°♉47'32	
direct	-2800 Jun 08 j 07:50	8°♉29'14	
morning max el	-2800 Jun 17 j 04:24	12°♉37'24	19°07'49
asc. node	-2800 Jun 25 j 22:25	24°♉19'59	
	-2800 Jun 29 j 03:04	0°♊	
morning set	-2800 Jul 04 j 00:17	9°♊24'29	
superior conj	-2800 Jul 12 j 10:02	25°♊58'56	1°48'19
minimum elong	-2800 Jul 12 j 09:31	25°♊56'27	1°48'24
	-2800 Jul 14 j 12:24	0°♋	
max. Earth dist.	-2800 Jul 18 j 21:46	8°♋09'18	1.38369 AU
evening rise	-2800 Jul 22 j 19:33	15°♋06'40	
	-2800 Jul 31 j 18:13	0°♌	
desc. node	-2800 Aug 06 j 13:04	8°♌55'25	
	-2800 Aug 22 j 01:20	0°♍	
evening max el	-2800 Aug 27 j 11:49	5°♍57'44	24°44'33
retrograde	-2800 Sep 07 j 23:55	12°♍40'17	
evening set	-2800 Sep 13 j 13:58	10°♍18'45	
min. Earth dist.	-2800 Sep 18 j 05:05	5°♍01'16	0.67187 AU
inferior conj	-2800 Sep 19 j 00:05	3°♍58'02	0°-59'-9
minimum elong	-2800 Sep 19 j 01:30	3°♍53'19	0°58'32
asc. node	-2800 Sep 21 j 21:34	0°♍19'34	
	-2800 Sep 22 j 04:39	30°℞♌	
morning rise	-2800 Sep 24 j 13:23	27°♌52'07	
direct	-2800 Sep 28 j 03:49	26°♌37'19	
	-2800 Oct 04 j 17:52	0°♍	
morning max el	-2800 Oct 05 j 20:26	1°♍04'35	20°06'47
greatest brilliancy	-2800 Oct 12 j 23:49	9°♍50'17	-0.6m
	-2800 Oct 26 j 16:07	0°♎	
morning set	-2800 Nov 01 j 11:40	8°♎56'21	
desc. node	-2800 Nov 02 j 12:39	10°♎33'08	
max. Earth dist.	-2800 Nov 12 j 16:49	26°♎33'43	1.43798 AU
	-2800 Nov 14 j 20:11	0°♏	
superior conj	-2800 Nov 18 j 00:23	5°♏09'12	-1°-28'-59
minimum elong	-2800 Nov 17 j 17:18	4°♏40'18	1°28'23
evening rise	-2800 Dec 01 j 03:15	27°♏13'01	
	-2800 Dec 02 j 18:01	0°♐	
asc. node	-2800 Dec 18 j 20:41	24°♐45'44	
evening max el	-2800 Dec 18 j 23:56	24°♐53'59	18°13'14
retrograde	-2800 Dec 25 j 12:31	28°♐23'45	
evening set	-2800 Dec 28 j 07:21	27°♐43'43	
inferior conj	-2799 Jan 03 j 14:01	22°♐23'11	3°50'21
minimum elong	-2799 Jan 03 j 12:03	22°♐28'29	3°50'03
min. Earth dist.	-2799 Jan 06 j 02:49	19°♐39'55	0.63131 AU
morning rise	-2799 Jan 09 j 15:01	16°♐25'29	
direct	-2799 Jan 16 j 15:58	13°♐41'51	
desc. node	-2799 Jan 29 j 11:59	20°♐31'57	
morning max el	-2799 Jan 30 j 11:10	21°♐27'56	27°41'28
	-2799 Feb 06 j 22:55	0°♑	
	-2799 Feb 26 j 07:37	0°♒	
morning set	-2799 Mar 05 j 14:57	13°♒56'47	
max. Earth dist.	-2799 Mar 11 j 01:50	25°♒13'50	1.33100 AU
superior conj	-2799 Mar 13 j 06:25	29°♒55'05	0°-36'-40
minimum elong	-2799 Mar 13 j 08:06	0°♓04'03	0°36'23
	-2799 Mar 13 j 07:20	0°♓	
asc. node	-2799 Mar 16 j 20:02	7°♓37'14	
evening rise	-2799 Mar 20 j 09:22	15°♓12'57	
	-2799 Mar 27 j 20:25	0°♈	
evening max el	-2799 Apr 12 j 18:31	22°♈28'06	23°27'37
retrograde	-2799 Apr 26 j 08:06	29°♈12'52	
desc. node	-2799 Apr 27 j 10:55	29°♈10'04	
evening set	-2799 Apr 30 j 02:31	28°♈41'45	
min. Earth dist.	-2799 May 07 j 05:15	25°♈26'09	0.55946 AU
inferior conj	-2799 May 09 j 04:49	24°♈15'28	-3°-1'-23
minimum elong	-2799 May 08 j 22:28	24°♈24'56	2°59'42
morning rise	-2799 May 17 j 21:49	20°♈17'42	
direct	-2799 May 20 j 11:30	20°♈01'20	
morning max el	-2799 May 30 j 21:05	24°♈50'45	20°12'24
	-2799 Jun 04 j 11:13	0°♉	
asc. node	-2799 Jun 12 j 19:27	13°♉25'02	
morning set	-2799 Jun 18 j 04:16	23°♉55'43	
	-2799 Jun 21 j 03:34	0°♊	
superior conj	-2799 Jun 25 j 23:47	9°♊52'19	1°41'57
minimum elong	-2799 Jun 25 j 21:51	9°♊42'34	1°41'55

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2799 Jul 01 j 02:49	19°♊57'48	1.36533 AU	
evening rise	-2799 Jul 05 j 03:45	27°♊32'29		
	-2799 Jul 06 j 12:12	0°♋		
desc. node	-2799 Jul 24 j 10:04	28°♋59'59		
	-2799 Jul 25 j 02:49	0°♌		
evening max el	-2799 Aug 09 j 22:45	19°♌30'32	25°55'30	
retrograde	-2799 Aug 22 j 08:23	26°♌36'10		
evening set	-2799 Aug 28 j 13:21	23°♌59'02		
min. Earth dist.	-2799 Sep 01 j 19:58	19°♌19'04	0.66579 AU	
inferior conj	-2799 Sep 03 j 02:28	17°♌42'38	-1°-52'-29	
minimum elong	-2799 Sep 03 j 05:08	17°♌34'13	1°51'25	
morning rise	-2799 Sep 08 j 21:39	11°♌46'38		
asc. node	-2799 Sep 08 j 18:38	11°♌51'19		
direct	-2799 Sep 12 j 02:03	10°♌48'12		
morning max el	-2799 Sep 19 j 02:38	14°♌46'41	19°09'01	
	-2799 Sep 30 j 10:11	0°♍		
morning set	-2799 Oct 11 j 19:07	17°♍41'57		
	-2799 Oct 19 j 15:16	0°♎		
desc. node	-2799 Oct 20 j 09:37	1°♎12'00		
max. Earth dist.	-2799 Oct 26 j 08:47	10°♎35'13	1.44691 AU	
superior conj	-2799 Oct 28 j 10:22	13°♎51'09	0°-49'-57	
minimum elong	-2799 Oct 28 j 04:17	13°♎27'07	0°49'15	
	-2799 Nov 07 j 12:28	0°♏		
evening rise	-2799 Nov 12 j 12:13	8°♏07'58		
	-2799 Nov 26 j 02:37	0°♐		
evening max el	-2799 Dec 02 j 12:01	8°♐16'26	18°36'29	
asc. node	-2799 Dec 05 j 17:45	10°♐56'25		
retrograde	-2799 Dec 09 j 03:53	11°♐59'24		
evening set	-2799 Dec 12 j 03:30	11°♐09'27		
inferior conj	-2799 Dec 18 j 02:04	5°♐30'26	3°25'32	
minimum elong	-2799 Dec 17 j 23:11	5°♐39'02	3°24'50	
min. Earth dist.	-2799 Dec 19 j 23:52	3°♐14'39	0.64706 AU	
	-2799 Dec 23 j 01:24	30°℞♏		
morning rise	-2799 Dec 23 j 17:40	29°♏24'04		
direct	-2799 Dec 30 j 12:27	26°♏33'25		
	-2798 Jan 08 j 00:00	0°♐		
morning max el	-2798 Jan 12 j 20:35	4°♐14'39	27°11'27	
desc. node	-2798 Jan 16 j 09:03	8°♐00'08		
	-2798 Feb 01 j 10:37	0°♑		
morning set	-2798 Feb 17 j 06:31	27°♑45'38		
	-2798 Feb 18 j 09:59	0°♒		
max. Earth dist.	-2798 Feb 22 j 00:27	7°♒14'25	1.33992 AU	
superior conj	-2798 Feb 25 j 10:53	14°♒22'47	-1°-1'-28	
minimum elong	-2798 Feb 25 j 13:34	14°♒36'54	1°01'04	
asc. node	-2798 Mar 03 j 17:04	27°♒38'20		
evening rise	-2798 Mar 04 j 20:01	29°♒59'36		
	-2798 Mar 04 j 20:06	0°♓		
	-2798 Mar 22 j 12:40	0°♈		
evening max el	-2798 Mar 25 j 13:33	3°♈13'52	21°54'25	
retrograde	-2798 Apr 07 j 01:36	9°♈18'22		
evening set	-2798 Apr 09 j 18:37	9°♈01'59		
desc. node	-2798 Apr 14 j 08:01	7°♈29'21		
inferior conj	-2798 Apr 19 j 03:10	4°♈57'17	-1°-19'-52	
minimum elong	-2798 Apr 18 j 23:30	5°♈02'26	1°18'38	
min. Earth dist.	-2798 Apr 18 j 18:52	5°♈08'57	0.55162 AU	
morning rise	-2798 Apr 28 j 05:33	0°♈59'20		
direct	-2798 May 01 j 01:09	0°♈41'41		
morning max el	-2798 May 13 j 03:00	6°♈23'18	21°35'44	
	-2798 May 29 j 04:31	0°♉		
asc. node	-2798 May 30 j 16:30	2°♉56'25		
morning set	-2798 Jun 02 j 12:57	8°♉44'03		
superior conj	-2798 Jun 09 j 22:58	24°♉16'26	1°29'22	
minimum elong	-2798 Jun 09 j 20:24	24°♉03'04	1°29'09	
	-2798 Jun 12 j 17:39	0°♊		
max. Earth dist.	-2798 Jun 13 j 15:51	1°♊52'32	1.34998 AU	
evening rise	-2798 Jun 18 j 05:47	10°♊53'20		
	-2798 Jun 28 j 22:54	0°♋		
desc. node	-2798 Jul 11 j 07:06	18°♋39'01		
	-2798 Jul 20 j 12:01	0°♌		
evening max el	-2798 Jul 23 j 10:08	3°♌00'14	26°50'01	
retrograde	-2798 Aug 05 j 11:59	10°♌18'52		
evening set	-2798 Aug 12 j 05:46	7°♌32'51		
min. Earth dist.	-2798 Aug 16 j 04:35	3°♌31'21	0.65617 AU	
inferior conj	-2798 Aug 17 j 23:50	1°♌24'00	-2°-43'-2	
minimum elong	-2798 Aug 18 j 03:29	1°♌13'14	2°41'47	
	-2798 Aug 19 j 04:44	30°℞♋		
morning rise	-2798 Aug 24 j 02:24	25°♋41'05		
direct	-2798 Aug 26 j 23:08	24°♋55'31		
asc. node	-2798 Aug 26 j 15:43	24°♋56'03		
morning max el	-2798 Sep 02 j 14:20	28°♋34'22	18°27'04	
	-2798 Sep 03 j 22:00	0°♌		
morning set	-2798 Sep 22 j 04:04	27°♌43'47		
	-2798 Sep 23 j 13:37	0°♍		
superior conj	-2798 Oct 07 j 10:00	22°♍09'13	0°00'-54	
minimum elong	-2798 Oct 07 j 09:53	22°♍08'48	0°00'53	
behind sun begin	-2798 Oct 06 j 22:38	21°♍24'21		
behind sun end	-2798 Oct 07 j 21:09	22°♍53'13		
desc. node	-2798 Oct 07 j 06:35	21°♍55'44		
max. Earth dist.	-2798 Oct 09 j 02:56	24°♍50'36	1.44866 AU	
	-2798 Oct 12 j 09:36	0°♎		
evening rise	-2798 Oct 23 j 20:38	18°♎00'37		
	-2798 Oct 31 j 11:39	0°♏		
greatest brilliancy	-2798 Nov 05 j 18:20	8°♏08'58	-0.7m	
evening max el	-2798 Nov 15 j 21:22	21°♏42'26	19°16'59	
retrograde	-2798 Nov 22 j 23:38	25°♏47'27		
asc. node	-2798 Nov 22 j 14:49	25°♏46'41		
evening set	-2798 Nov 26 j 05:49	24°♏45'38		
inferior conj	-2798 Dec 01 j 22:23	18°♏51'17	2°49'48	
minimum elong	-2798 Dec 01 j 19:21	19°♏00'56	2°48'51	
min. Earth dist.	-2798 Dec 03 j 06:03	17°♏10'12	0.65917 AU	
morning rise	-2798 Dec 07 j 08:04	12°♏38'52		
direct	-2798 Dec 13 j 15:18	9°♏54'14		
morning max el	-2798 Dec 26 j 06:15	17°♏19'41	26°13'27	
desc. node	-2797 Jan 03 j 06:05	26°♏31'04		
	-2797 Jan 05 j 21:58	0°♐		
	-2797 Jan 25 j 08:34	0°♑		
morning set	-2797 Jan 31 j 09:09	10°♑50'56		
max. Earth dist.	-2797 Feb 04 j 11:21	18°♑39'26	1.35333 AU	
superior conj	-2797 Feb 09 j 08:43	28°♑25'34	-1°-24'-5	
minimum elong	-2797 Feb 09 j 12:01	28°♑42'23	1°23'43	
	-2797 Feb 10 j 03:11	0°♒		
evening rise	-2797 Feb 17 j 03:45	14°♒31'14		
asc. node	-2797 Feb 18 j 14:07	17°♒26'25		
	-2797 Feb 25 j 04:31	0°♓		
evening max el	-2797 Mar 07 j 17:38	14°♓26'43	20°31'48	
retrograde	-2797 Mar 18 j 15:28	19°♓38'57		
evening set	-2797 Mar 20 j 21:55	19°♓26'22		
inferior conj	-2797 Mar 29 j 22:52	15°♓28'41	0°37'47	
minimum elong	-2797 Mar 30 j 00:34	15°♓26'12	0°37'09	
min. Earth dist.	-2797 Mar 31 j 09:03	14°♓38'53	0.55313 AU	
desc. node	-2797 Apr 01 j 05:07	14°♓10'10		
morning rise	-2797 Apr 08 j 01:16	11°♓11'36		
direct	-2797 Apr 11 j 13:34	10°♓44'44		
morning max el	-2797 Apr 24 j 23:19	17°♓17'45	23°12'13	
	-2797 May 05 j 03:58	0°♈		
asc. node	-2797 May 17 j 13:33	22°♈46'10		
morning set	-2797 May 18 j 00:15	23°♈41'57		
	-2797 May 20 j 23:37	0°♉		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2797 May 25 j 04:26	9°♉00'18	1°12'08
minimum elong	-2797 May 25 j 01:52	8°♉46'39	1°11'47
max. Earth dist.	-2797 May 27 j 14:39	14°♉08'50	1.33835 AU
evening rise	-2797 Jun 01 j 20:44	24°♉53'56	
	-2797 Jun 04 j 11:32	0°♊	
	-2797 Jun 22 j 10:45	0°♋	
desc. node	-2797 Jun 28 j 04:09	7°♋40'37	
evening max el	-2797 Jul 05 j 21:16	16°♋16'28	27°20'47
retrograde	-2797 Jul 19 j 10:07	23°♋39'23	
evening set	-2797 Jul 26 j 12:20	20°♋55'08	
min. Earth dist.	-2797 Jul 30 j 04:53	17°♋29'51	0.64274 AU
inferior conj	-2797 Aug 01 j 13:46	14°♋57'02	-3°-28'-14
minimum elong	-2797 Aug 01 j 17:50	14°♋46'04	3°27'07
morning rise	-2797 Aug 08 j 01:06	9°♋30'16	
direct	-2797 Aug 10 j 16:34	8°♋54'20	
asc. node	-2797 Aug 13 j 12:49	9°♋35'51	
morning max el	-2797 Aug 17 j 04:59	12°♋21'56	18°02'13
	-2797 Aug 29 j 08:13	0°♌	
morning set	-2797 Sep 03 j 16:21	9°♌04'14	
	-2797 Sep 16 j 05:24	0°♍	
superior conj	-2797 Sep 16 j 21:51	1°♍06'49	0°45'33
minimum elong	-2797 Sep 17 j 02:40	1°♍26'17	0°44'59
max. Earth dist.	-2797 Sep 21 j 20:03	9°♍01'15	1.44317 AU
desc. node	-2797 Sep 24 j 03:36	12°♍41'20	
evening rise	-2797 Oct 03 j 08:09	27°♍01'30	
	-2797 Oct 05 j 06:28	0°♎	
greatest brilliancy	-2797 Oct 23 j 08:06	26°♎52'19	-0.6m
	-2797 Oct 25 j 16:30	0°♏	
evening max el	-2797 Oct 30 j 02:00	5°♏09'30	20°12'56
retrograde	-2797 Nov 06 j 20:56	9°♏44'05	
asc. node	-2797 Nov 09 j 11:54	9°♏04'19	
evening set	-2797 Nov 10 j 11:52	8°♏27'53	
inferior conj	-2797 Nov 16 j 00:15	2°♏21'31	2°06'27
minimum elong	-2797 Nov 15 j 21:41	2°♏30'08	2°05'30
min. Earth dist.	-2797 Nov 16 j 19:19	1°♏17'39	0.66768 AU
	-2797 Nov 17 j 18:54	30°℞♎	
morning rise	-2797 Nov 21 j 06:54	26°♎05'42	
direct	-2797 Nov 26 j 23:41	23°♎36'26	
	-2797 Dec 08 j 02:02	0°♏	
morning max el	-2797 Dec 08 j 14:52	0°♏31'56	24°56'34
desc. node	-2797 Dec 21 j 03:07	15°♏46'15	
	-2797 Dec 30 j 20:59	0°♐	
morning set	-2796 Jan 13 j 17:36	22°♐57'25	
max. Earth dist.	-2796 Jan 17 j 11:20	29°♐43'53	1.37098 AU
	-2796 Jan 17 j 14:50	0°♑	
superior conj	-2796 Jan 23 j 20:52	11°♑54'57	-1°-42'-38
minimum elong	-2796 Jan 24 j 00:01	12°♑10'21	1°42'27
evening rise	-2796 Feb 01 j 06:24	28°♑41'39	
	-2796 Feb 01 j 22:05	0°♒	
asc. node	-2796 Feb 05 j 11:11	6°♒56'10	
evening max el	-2796 Feb 18 j 08:37	26°♒16'31	19°26'14
	-2796 Feb 23 j 22:49	0°♓	
retrograde	-2796 Feb 27 j 14:04	0°♓40'16	
evening set	-2796 Feb 29 j 20:51	0°♓25'20	
	-2796 Mar 02 j 09:15	30°℞♒	
inferior conj	-2796 Mar 09 j 05:52	26°♒18'37	2°18'45
minimum elong	-2796 Mar 09 j 10:35	26°♒10'53	2°17'22
min. Earth dist.	-2796 Mar 11 j 23:58	24°♒31'12	0.56367 AU
morning rise	-2796 Mar 17 j 20:36	21°♒31'39	
desc. node	-2796 Mar 18 j 02:13	21°♒26'55	
direct	-2796 Mar 22 j 12:12	20°♒42'23	
morning max el	-2796 Apr 05 j 14:26	27°♒52'04	24°51'06
	-2796 Apr 07 j 16:48	0°♓	
	-2796 Apr 27 j 05:36	0°♈	
morning set	-2796 May 01 j 12:27	8°♈43'35	
asc. node	-2796 May 03 j 10:37	12°♈48'38	
superior conj	-2796 May 08 j 13:49	23°♈56'04	0°51'29
minimum elong	-2796 May 08 j 11:45	23°♈44'52	0°51'07
max. Earth dist.	-2796 May 09 j 21:44	26°♈48'56	1.33047 AU
	-2796 May 11 j 09:16	0°♉	
evening rise	-2796 May 15 j 20:43	9°♉22'17	
	-2796 May 26 j 20:25	0°♊	
desc. node	-2796 Jun 14 j 01:12	25°♊49'02	
evening max el	-2796 Jun 17 j 06:16	29°♊07'04	27°21'47
	-2796 Jun 18 j 04:59	0°♋	
retrograde	-2796 Jul 01 j 01:59	6°♋28'41	
evening set	-2796 Jul 08 j 05:23	3°♋59'42	
min. Earth dist.	-2796 Jul 11 j 19:24	1°♋03'18	0.62575 AU
	-2796 Jul 12 j 22:12	30°℞♊	
inferior conj	-2796 Jul 14 j 17:23	28°♊15'26	-4°-4'-10
minimum elong	-2796 Jul 14 j 20:53	28°♊07'01	4°03'32
morning rise	-2796 Jul 21 j 14:44	23°♊07'53	
direct	-2796 Jul 24 j 03:18	22°♊38'50	
asc. node	-2796 Jul 30 j 09:54	25°♊39'38	
morning max el	-2796 Jul 30 j 19:54	26°♊03'35	17°55'27
	-2796 Aug 03 j 04:33	0°♋	
morning set	-2796 Aug 16 j 03:06	21°♋29'21	
	-2796 Aug 20 j 22:03	0°♌	
superior conj	-2796 Aug 27 j 11:40	11°♌21'45	1°20'06
minimum elong	-2796 Aug 27 j 16:59	11°♌44'17	1°19'37
max. Earth dist.	-2796 Sep 03 j 09:54	22°♌51'49	1.43125 AU
	-2796 Sep 07 j 20:32	0°♍	
desc. node	-2796 Sep 10 j 00:34	3°♍25'19	
evening rise	-2796 Sep 11 j 13:17	5°♍48'54	
	-2796 Sep 27 j 15:34	0°♎	
greatest brilliancy	-2796 Oct 06 j 20:59	12°♎37'54	-0.4m
evening max el	-2796 Oct 12 j 00:45	18°♎36'10	21°21'32
retrograde	-2796 Oct 20 j 17:43	23°♎46'05	
evening set	-2796 Oct 24 j 19:39	22°♎12'57	
asc. node	-2796 Oct 26 j 08:59	20°♎48'18	
inferior conj	-2796 Oct 30 j 05:27	15°♎57'54	1°17'49
minimum elong	-2796 Oct 30 j 03:44	16°♎03'49	1°17'07
min. Earth dist.	-2796 Oct 30 j 13:13	15°♎31'10	0.67287 AU
morning rise	-2796 Nov 04 j 11:28	9°♎41'18	
direct	-2796 Nov 09 j 12:51	7°♎32'44	
morning max el	-2796 Nov 19 j 23:47	13°♎46'55	23°30'35
greatest brilliancy	-2796 Nov 26 j 06:08	20°♎56'04	-0.2m
	-2796 Dec 03 j 02:27	0°♏	
desc. node	-2796 Dec 07 j 00:07	5°♏32'12	
	-2796 Dec 22 j 19:01	0°♐	
morning set	-2796 Dec 25 j 01:27	3°♐47'14	
max. Earth dist.	-2796 Dec 29 j 06:47	11°♐02'33	1.39145 AU
superior conj	-2795 Jan 05 j 19:13	24°♐38'51	-1°-54'-32
minimum elong	-2795 Jan 05 j 20:57	24°♐46'57	1°54'34
	-2795 Jan 08 j 15:18	0°♑	
evening rise	-2795 Jan 15 j 01:17	12°♑23'04	
asc. node	-2795 Jan 22 j 08:13	26°♑00'16	
	-2795 Jan 24 j 17:32	0°♒	
evening max el	-2795 Jan 31 j 09:02	8°♒39'31	18°40'15
retrograde	-2795 Feb 08 j 06:23	12°♒29'20	
evening set	-2795 Feb 10 j 16:33	12°♒08'59	
inferior conj	-2795 Feb 18 j 08:11	7°♒43'27	3°24'32
minimum elong	-2795 Feb 18 j 12:08	7°♒35'57	3°23'46
min. Earth dist.	-2795 Feb 21 j 16:42	5°♒11'45	0.58067 AU
morning rise	-2795 Feb 26 j 03:58	2°♒27'53	
direct	-2795 Mar 03 j 23:41	1°♒03'51	
desc. node	-2795 Mar 04 j 23:18	1°♒06'15	
morning max el	-2795 Mar 18 j 06:32	8°♒33'52	26°17'49
	-2795 Apr 03 j 09:52	0°♓	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning set	-2795 Apr 15 j 23:51	23°♓42'53	
	-2795 Apr 18 j 22:41	0°♈	
asc. node	-2795 Apr 20 j 07:39	2°♈58'41	
superior conj	-2795 Apr 23 j 01:11	8°♈56'53	0°28'21
minimum elong	-2795 Apr 22 j 23:57	8°♈50'11	0°28'06
max. Earth dist.	-2795 Apr 23 j 09:54	9°♈44'35	1.32609 AU
evening rise	-2795 Apr 30 j 02:46	24°♈08'15	
	-2795 May 02 j 23:48	0°♉	
	-2795 May 20 j 18:25	0°♊	
evening max el	-2795 May 30 j 10:26	11°♊19'45	26°49'54
desc. node	-2795 May 31 j 22:16	12°♊41'51	
retrograde	-2795 Jun 13 j 10:18	18°♊38'24	
evening set	-2795 Jun 20 j 04:41	16°♊38'05	
min. Earth dist.	-2795 Jun 23 j 23:55	13°♊57'17	0.60608 AU
inferior conj	-2795 Jun 27 j 07:15	11°♊10'43	-4°-24'-51
minimum elong	-2795 Jun 27 j 08:41	11°♊07'42	4°24'43
morning rise	-2795 Jul 04 j 15:47	6°♊25'01	
direct	-2795 Jul 07 j 03:21	6°♊00'58	
morning max el	-2795 Jul 14 j 08:17	9°♊32'28	18°07'46
asc. node	-2795 Jul 17 j 06:58	12°♊51'58	
	-2795 Jul 27 j 17:33	0°♋	
morning set	-2795 Jul 30 j 06:39	4°♋43'56	
superior conj	-2795 Aug 09 j 04:26	22°♋57'30	1°40'27
minimum elong	-2795 Aug 09 j 07:38	23°♋11'45	1°40'19
	-2795 Aug 13 j 04:31	0°♌	
max. Earth dist.	-2795 Aug 16 j 18:36	6°♌07'19	1.41442 AU
evening rise	-2795 Aug 22 j 07:24	15°♌14'15	
desc. node	-2795 Aug 27 j 21:34	24°♌04'44	
	-2795 Aug 31 j 18:24	0°♍	
greatest brilliancy	-2795 Sep 19 j 21:59	26°♍39'03	-0.3m
	-2795 Sep 22 j 19:09	0°♎	
evening max el	-2795 Sep 24 j 17:39	2°♎03'10	22°38'47
retrograde	-2795 Oct 04 j 12:25	7°♎51'36	
evening set	-2795 Oct 09 j 03:23	5°♎59'36	
asc. node	-2795 Oct 13 j 06:02	1°♎22'18	
	-2795 Oct 14 j 06:08	30°℞♍	
inferior conj	-2795 Oct 14 j 12:06	29°♍39'21	0°25'48
minimum elong	-2795 Oct 14 j 11:30	29°♍41'25	0°25'33
min. Earth dist.	-2795 Oct 14 j 09:25	29°♍48'39	0.67495 AU
morning rise	-2795 Oct 19 j 19:33	23°♍24'37	
direct	-2795 Oct 24 j 06:01	21°♍38'16	
morning max el	-2795 Nov 02 j 12:18	27°♍07'30	22°04'47
	-2795 Nov 05 j 03:52	0°♎	
greatest brilliancy	-2795 Nov 07 j 06:33	2°♎30'58	-0.4m
desc. node	-2795 Nov 23 j 21:07	25°♎40'28	
	-2795 Nov 26 j 17:46	0°♏	
morning set	-2795 Dec 05 j 04:26	13°♏12'50	
max. Earth dist.	-2795 Dec 11 j 05:31	23°♏07'25	1.41208 AU
	-2795 Dec 15 j 06:40	0°♐	
superior conj	-2795 Dec 18 j 22:40	6°♐24'25	-1°-56'-17
minimum elong	-2795 Dec 18 j 21:21	6°♐18'37	1°56'21
evening rise	-2795 Dec 29 j 09:18	25°♐28'33	
	-2795 Dec 31 j 19:51	0°♑	
asc. node	-2794 Jan 09 j 05:14	14°♑30'37	
evening max el	-2794 Jan 14 j 16:19	21°♑28'22	18°14'20
retrograde	-2794 Jan 21 j 17:03	25°♑00'07	
evening set	-2794 Jan 24 j 06:23	24°♑33'01	
inferior conj	-2794 Jan 31 j 06:54	19°♑45'42	3°55'00
minimum elong	-2794 Jan 31 j 08:17	19°♑42'38	3°54'50
min. Earth dist.	-2794 Feb 03 j 14:22	16°♑51'20	0.60071 AU
morning rise	-2794 Feb 07 j 07:09	14°♑08'35	
direct	-2794 Feb 13 j 22:52	12°♑06'17	
desc. node	-2794 Feb 19 j 20:21	13°♑34'49	
morning max el	-2794 Feb 28 j 04:09	19°♑47'22	27°18'11
	-2794 Mar 08 j 22:00	0°♒	
	-2794 Mar 27 j 02:40	0°♓	
morning set	-2794 Mar 31 j 08:41	8°♓33'04	
max. Earth dist.	-2794 Apr 06 j 23:12	22°♓41'57	1.32510 AU
asc. node	-2794 Apr 07 j 04:38	23°♓11'38	
superior conj	-2794 Apr 07 j 12:50	23°♓56'28	0°03'36
minimum elong	-2794 Apr 07 j 12:40	23°♓55'33	0°03'34
behind sun begin	-2794 Apr 07 j 07:45	23°♓28'43	
behind sun end	-2794 Apr 07 j 17:34	24°♓22'25	
	-2794 Apr 10 j 07:18	0°♈	
evening rise	-2794 Apr 14 j 12:30	9°♈03'13	
	-2794 Apr 25 j 10:34	0°♉	
evening max el	-2794 May 12 j 07:54	22°♉48'08	25°47'03
desc. node	-2794 May 18 j 19:21	27°♉47'52	
	-2794 May 25 j 10:50	0°♊	
retrograde	-2794 May 26 j 09:41	0°♊02'12	
	-2794 May 27 j 08:29	30°℞♉	
evening set	-2794 Jun 01 j 06:28	28°♉39'35	
min. Earth dist.	-2794 Jun 05 j 20:13	25°♉56'51	0.58563 AU
inferior conj	-2794 Jun 09 j 03:39	23°♉32'24	-4°-21'-22
minimum elong	-2794 Jun 09 j 01:31	23°♉36'19	4°21'11
morning rise	-2794 Jun 17 j 00:28	19°♉09'17	
direct	-2794 Jun 19 j 12:10	18°♉49'10	
morning max el	-2794 Jun 27 j 15:11	22°♉39'34	18°40'02
	-2794 Jul 03 j 13:02	0°♊	
asc. node	-2794 Jul 04 j 04:00	0°♊57'25	
morning set	-2794 Jul 13 j 22:19	18°♊34'56	
	-2794 Jul 19 j 19:39	0°♋	
superior conj	-2794 Jul 22 j 19:00	5°♋38'59	1°48'22
minimum elong	-2794 Jul 22 j 19:40	5°♋42'10	1°48'26
max. Earth dist.	-2794 Jul 29 j 21:51	18°♋37'08	1.39497 AU
evening rise	-2794 Aug 03 j 01:48	25°♋48'39	
	-2794 Aug 05 j 13:54	0°♌	
desc. node	-2794 Aug 14 j 18:35	14°♌34'52	
	-2794 Aug 25 j 10:45	0°♍	
evening max el	-2794 Sep 07 j 06:14	15°♍31'36	23°59'20
retrograde	-2794 Sep 18 j 03:56	21°♍56'55	
evening set	-2794 Sep 23 j 09:21	19°♍45'39	
min. Earth dist.	-2794 Sep 28 j 05:31	14°♍07'52	0.67389 AU
inferior conj	-2794 Sep 28 j 18:30	13°♍23'48	0°-27'-58
minimum elong	-2794 Sep 28 j 19:09	13°♍21'33	0°27'42
asc. node	-2794 Sep 30 j 03:05	11°♍34'41	
morning rise	-2794 Oct 04 j 05:11	7°♍13'49	
direct	-2794 Oct 08 j 02:15	5°♍48'26	
morning max el	-2794 Oct 16 j 07:12	10°♍36'28	20°46'26
greatest brilliancy	-2794 Oct 22 j 06:16	17°♍39'29	-0.5m
	-2794 Oct 31 j 01:37	0°♎	
desc. node	-2794 Nov 10 j 18:08	16°♎04'30	
morning set	-2794 Nov 14 j 07:35	21°♎34'52	
	-2794 Nov 19 j 16:02	0°♏	
max. Earth dist.	-2794 Nov 23 j 11:12	6°♏05'53	1.42989 AU
superior conj	-2794 Nov 30 j 01:40	16°♏59'01	-1°-43'-51
minimum elong	-2794 Nov 29 j 20:18	16°♏36'31	1°43'34
	-2794 Dec 07 j 15:51	0°♐	
evening rise	-2794 Dec 12 j 02:36	7°♐50'27	
	-2794 Dec 25 j 08:28	0°♑	
asc. node	-2794 Dec 27 j 02:14	2°♑17'22	
evening max el	-2794 Dec 29 j 03:40	4°♑35'52	18°08'11
retrograde	-2793 Jan 04 j 18:14	8°♑03'13	
evening set	-2793 Jan 07 j 10:46	7°♑28'22	
inferior conj	-2793 Jan 13 j 23:09	2°♑19'40	3°57'56
minimum elong	-2793 Jan 13 j 22:09	2°♑22'11	3°57'48
	-2793 Jan 16 j 06:26	30°℞♐	
min. Earth dist.	-2793 Jan 16 j 20:12	29°♐26'17	0.62067 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning rise	-2793 Jan 20 j 07:21	26°♐27'57	
direct	-2793 Jan 27 j 07:54	23°♐55'06	
desc. node	-2793 Feb 06 j 17:25	28°♐28'06	
	-2793 Feb 08 j 12:43	0°♑	
morning max el	-2793 Feb 10 j 08:01	1°♑41'53	27°43'34
	-2793 Mar 03 j 02:42	0°♒	
morning set	-2793 Mar 15 j 12:56	23°♒07'02	
	-2793 Mar 18 j 20:32	0°♓	
max. Earth dist.	-2793 Mar 21 j 09:47	5°♓26'59	1.32765 AU
superior conj	-2793 Mar 22 j 23:09	8°♓49'03	0°-21'-57
minimum elong	-2793 Mar 23 j 00:09	8°♓54'30	0°21'46
asc. node	-2793 Mar 25 j 01:39	13°♓23'42	
evening rise	-2793 Mar 30 j 00:01	24°♓00'21	
	-2793 Apr 01 j 21:35	0°♈	
	-2793 Apr 20 j 12:27	0°♉	
evening max el	-2793 Apr 24 j 00:14	3°♉41'26	24°21'49
desc. node	-2793 May 05 j 16:23	10°♉30'37	
retrograde	-2793 May 07 j 22:07	10°♉42'09	
evening set	-2793 May 12 j 11:07	9°♉55'48	
min. Earth dist.	-2793 May 18 j 11:57	6°♉55'20	0.56746 AU
inferior conj	-2793 May 21 j 04:08	5°♉13'27	-3°-42'-49
minimum elong	-2793 May 20 j 22:30	5°♉22'28	3°41'41
morning rise	-2793 May 29 j 13:55	1°♉08'57	
direct	-2793 Jun 01 j 02:11	0°♉51'51	
morning max el	-2793 Jun 10 j 13:51	5°♉15'55	19°32'48
asc. node	-2793 Jun 21 j 01:03	19°♉44'01	
	-2793 Jun 26 j 11:41	0°♊	
morning set	-2793 Jun 27 j 22:38	2°♊53'45	
superior conj	-2793 Jul 06 j 01:42	19°♊10'28	1°46'30
minimum elong	-2793 Jul 06 j 00:29	19°♊04'28	1°46'33
	-2793 Jul 11 j 17:08	0°♋	
max. Earth dist.	-2793 Jul 12 j 00:02	0°♋32'08	1.37561 AU
evening rise	-2793 Jul 15 j 21:28	7°♋37'18	
	-2793 Jul 29 j 10:17	0°♌	
desc. node	-2793 Aug 01 j 15:35	4°♌50'37	
evening max el	-2793 Aug 20 j 17:10	29°♌03'22	25°16'09
	-2793 Aug 21 j 16:45	0°♍	
retrograde	-2793 Sep 01 j 15:20	5°♍57'45	
evening set	-2793 Sep 07 j 11:44	3°♍29'00	
	-2793 Sep 10 j 17:54	30°℞♌	
min. Earth dist.	-2793 Sep 11 j 23:07	28°♌27'03	0.66970 AU
inferior conj	-2793 Sep 12 j 22:54	27°♌09'22	-1°-21'-59
minimum elong	-2793 Sep 13 j 00:51	27°♌02'58	1°21'10
asc. node	-2793 Sep 17 j 00:10	22°♌24'02	
morning rise	-2793 Sep 18 j 14:30	21°♌07'09	
direct	-2793 Sep 22 j 00:17	19°♌59'52	
morning max el	-2793 Sep 29 j 09:27	24°♌14'12	19°40'15
	-2793 Oct 04 j 05:57	0°♍	
greatest brilliancy	-2793 Oct 07 j 18:38	4°♍52'01	-0.6m
morning set	-2793 Oct 24 j 06:31	29°♍52'06	
	-2793 Oct 24 j 08:33	0°♎	
desc. node	-2793 Oct 28 j 15:07	6°♎39'07	
max. Earth dist.	-2793 Nov 05 j 23:40	19°♎47'49	1.44258 AU
superior conj	-2793 Nov 10 j 01:22	26°♎17'53	-1°-14'-16
minimum elong	-2793 Nov 09 j 17:58	25°♎48'09	1°13'32
	-2793 Nov 12 j 08:25	0°♏	
evening rise	-2793 Nov 24 j 00:37	19°♏19'16	
	-2793 Nov 30 j 08:45	0°♐	
evening max el	-2793 Dec 12 j 16:18	17°♐54'43	18°21'00
asc. node	-2793 Dec 13 j 23:17	19°♐07'26	
retrograde	-2793 Dec 19 j 05:26	21°♐28'55	
evening set	-2793 Dec 22 j 02:04	20°♐45'00	
inferior conj	-2793 Dec 28 j 05:02	15°♐16'36	3°41'24
minimum elong	-2793 Dec 28 j 02:34	15°♐23'34	3°40'56
min. Earth dist.	-2793 Dec 30 j 11:36	12°♐43'21	0.63841 AU
morning rise	-2792 Jan 03 j 01:33	9°♐14'50	
direct	-2792 Jan 10 j 00:50	6°♐26'00	
morning max el	-2792 Jan 23 j 15:59	14°♐11'50	27°32'35
desc. node	-2792 Jan 24 j 14:29	15°♐08'49	
	-2792 Feb 05 j 13:05	0°♑	
	-2792 Feb 23 j 16:04	0°♒	
morning set	-2792 Feb 27 j 10:01	7°♒14'48	
max. Earth dist.	-2792 Mar 03 j 13:32	17°♒44'56	1.33418 AU
superior conj	-2792 Mar 06 j 06:18	23°♒27'29	0°-47'-21
minimum elong	-2792 Mar 06 j 08:26	23°♒38'51	0°47'00
	-2792 Mar 09 j 07:33	0°♓	
asc. node	-2792 Mar 10 j 22:40	3°♓29'42	
evening rise	-2792 Mar 13 j 11:27	8°♓52'03	
	-2792 Mar 24 j 15:25	0°♈	
evening max el	-2792 Apr 04 j 16:30	14°♈21'46	22°47'26
retrograde	-2792 Apr 17 j 21:28	20°♈51'24	
evening set	-2792 Apr 21 j 03:11	20°♈28'28	
desc. node	-2792 Apr 21 j 13:28	20°♈22'09	
min. Earth dist.	-2792 Apr 29 j 02:00	16°♈58'46	0.55503 AU
inferior conj	-2792 Apr 30 j 09:55	16°♈12'50	-2°-22'-19
minimum elong	-2792 Apr 30 j 04:06	16°♈21'13	2°20'33
morning rise	-2792 May 09 j 07:34	12°♈16'44	
direct	-2792 May 11 j 22:45	12°♈00'26	
morning max el	-2792 May 23 j 01:57	17°♈11'55	20°45'43
	-2792 Jun 01 j 21:31	0°♉	
asc. node	-2792 Jun 06 j 22:08	9°♉01'08	
morning set	-2792 Jun 11 j 04:53	17°♉32'48	
	-2792 Jun 17 j 05:21	0°♊	
superior conj	-2792 Jun 18 j 19:53	3°♊17'59	1°37'16
minimum elong	-2792 Jun 18 j 17:36	3°♊06'16	1°37'09
max. Earth dist.	-2792 Jun 23 j 07:53	12°♊19'43	1.35841 AU
evening rise	-2792 Jun 27 j 13:57	20°♊28'37	
	-2792 Jul 02 j 20:21	0°♋	
desc. node	-2792 Jul 18 j 12:36	24°♋45'26	
	-2792 Jul 22 j 08:35	0°♌	
evening max el	-2792 Aug 02 j 04:27	12°♌36'39	26°21'12
retrograde	-2792 Aug 14 j 21:52	19°♌48'56	
evening set	-2792 Aug 21 j 08:30	17°♌07'19	
min. Earth dist.	-2792 Aug 25 j 11:48	12°♌43'24	0.66214 AU
inferior conj	-2792 Aug 26 j 23:28	10°♌53'38	-2°-14'-25
minimum elong	-2792 Aug 27 j 02:36	10°♌44'00	2°13'13
morning rise	-2792 Sep 01 j 21:35	5°♌02'30	
asc. node	-2792 Sep 02 j 21:17	4°♌33'51	
direct	-2792 Sep 04 j 22:27	4°♌09'53	
morning max el	-2792 Sep 11 j 18:13	7°♌59'07	18°49'03
	-2792 Sep 27 j 05:55	0°♍	
morning set	-2792 Oct 02 j 23:54	9°♍08'11	
desc. node	-2792 Oct 14 j 12:06	27°♍20'36	
	-2792 Oct 16 j 04:35	0°♎	
max. Earth dist.	-2792 Oct 18 j 16:52	3°♎57'20	1.44859 AU
superior conj	-2792 Oct 19 j 04:28	4°♎43'01	0°-29'-40
minimum elong	-2792 Oct 19 j 00:35	4°♎27'44	0°29'11
evening rise	-2792 Nov 03 j 23:14	29°♎47'51	
	-2792 Nov 04 j 02:16	0°♏	
	-2792 Nov 23 j 22:20	0°♐	
evening max el	-2792 Nov 25 j 03:37	1°♐19'50	18°51'45
asc. node	-2792 Nov 29 j 20:22	4°♐46'12	
retrograde	-2792 Dec 01 j 22:57	5°♐10'46	
evening set	-2792 Dec 05 j 01:12	4°♐15'58	
	-2792 Dec 09 j 15:19	30°℞♏	
inferior conj	-2792 Dec 10 j 21:00	28°♏30'14	3°11'26
minimum elong	-2792 Dec 10 j 17:57	28°♏39'33	3°10'38
min. Earth dist.	-2792 Dec 12 j 12:39	26°♏28'41	0.65273 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning rise	-2792 Dec 16 j 09:42	22°♏21'16	
direct	-2792 Dec 23 j 00:16	19°♏31'36	
morning max el	-2791 Jan 05 j 01:31	27°♏07'05	26°49'38
	-2791 Jan 07 j 19:04	0°♐	
desc. node	-2791 Jan 10 j 11:33	3°♐06'20	
	-2791 Jan 29 j 04:16	0°♑	
morning set	-2791 Feb 09 j 20:35	20°♑46'15	
max. Earth dist.	-2791 Feb 14 j 07:12	29°♑28'55	1.34511 AU
	-2791 Feb 14 j 13:23	0°♒	
superior conj	-2791 Feb 18 j 08:16	7°♒45'25	-1°-11'-25
minimum elong	-2791 Feb 18 j 11:17	8°♒01'04	1°11'01
evening rise	-2791 Feb 25 j 21:06	23°♒32'50	
asc. node	-2791 Feb 25 j 19:42	23°♒25'36	
	-2791 Mar 01 j 01:12	0°♓	
evening max el	-2791 Mar 17 j 14:59	25°♓16'36	21°17'27
	-2791 Mar 24 j 13:20	0°♈	
retrograde	-2791 Mar 29 j 11:23	0°♈58'41	
evening set	-2791 Mar 31 j 22:21	0°♈44'51	
	-2791 Apr 03 j 15:28	30°℞♓	
desc. node	-2791 Apr 08 j 10:34	27°♓45'06	
inferior conj	-2791 Apr 10 j 05:14	26°♓45'38	0°-29'-53
minimum elong	-2791 Apr 10 j 03:49	26°♓47'37	0°29'25
min. Earth dist.	-2791 Apr 10 j 15:37	26°♓31'00	0.55114 AU
morning rise	-2791 Apr 19 j 09:03	22°♓41'44	
direct	-2791 Apr 22 j 10:35	22°♓21'16	
morning max el	-2791 May 05 j 03:12	28°♓25'32	22°15'42
	-2791 May 06 j 17:18	0°♈	
asc. node	-2791 May 24 j 19:10	28°♈40'43	
	-2791 May 25 j 10:43	0°♉	
morning set	-2791 May 26 j 14:53	2°♉25'27	
superior conj	-2791 Jun 02 j 22:00	17°♉50'46	1°22'33
minimum elong	-2791 Jun 02 j 19:22	17°♉36'54	1°22'15
max. Earth dist.	-2791 Jun 06 j 01:19	24°♉23'09	1.34459 AU
	-2791 Jun 08 j 19:46	0°♊	
evening rise	-2791 Jun 10 j 21:58	4°♊07'28	
	-2791 Jun 25 j 15:11	0°♋	
desc. node	-2791 Jul 05 j 09:39	14°♋09'57	
evening max el	-2791 Jul 15 j 16:07	26°♋02'38	27°06'30
	-2791 Jul 20 j 08:15	0°♌	
retrograde	-2791 Jul 28 j 23:00	3°♌23'04	
evening set	-2791 Aug 04 j 21:06	0°♌36'34	
	-2791 Aug 05 j 14:26	30°℞♋	
min. Earth dist.	-2791 Aug 08 j 17:06	26°♋50'58	0.65094 AU
inferior conj	-2791 Aug 10 j 18:00	24°♋32'10	-3°-3'-4
minimum elong	-2791 Aug 10 j 21:56	24°♋21'02	3°01'49
morning rise	-2791 Aug 17 j 00:07	18°♋55'36	
direct	-2791 Aug 19 j 18:27	18°♋14'21	
asc. node	-2791 Aug 20 j 18:24	18°♋19'44	
morning max el	-2791 Aug 26 j 07:27	21°♋47'06	18°14'20
	-2791 Sep 01 j 16:17	0°♌	
morning set	-2791 Sep 13 j 20:56	19°♌45'13	
	-2791 Sep 20 j 02:24	0°♍	
superior conj	-2791 Sep 28 j 06:40	13°♍10'20	0°19'51
minimum elong	-2791 Sep 28 j 09:08	13°♍20'06	0°19'33
desc. node	-2791 Oct 01 j 09:05	18°♍05'22	
max. Earth dist.	-2791 Oct 01 j 11:35	18°♍15'13	1.44726 AU
	-2791 Oct 08 j 23:07	0°♎	
evening rise	-2791 Oct 14 j 21:47	9°♎16'05	
	-2791 Oct 28 j 09:05	0°♏	
greatest brilliancy	-2791 Oct 31 j 05:15	4°♏11'00	-0.7m
evening max el	-2791 Nov 08 j 11:12	14°♏46'31	19°38'59
retrograde	-2791 Nov 15 j 19:38	19°♏02'55	
asc. node	-2791 Nov 16 j 17:28	18°♏58'09	
evening set	-2791 Nov 19 j 05:23	17°♏55'04	
inferior conj	-2791 Nov 24 j 19:57	11°♏55'04	2°32'09
minimum elong	-2791 Nov 24 j 17:04	12°♏04'31	2°31'10
min. Earth dist.	-2791 Nov 25 j 21:58	10°♏30'03	0.66330 AU
morning rise	-2791 Nov 30 j 04:03	5°♏41'06	
direct	-2791 Dec 06 j 05:21	3°♏02'23	
morning max el	-2791 Dec 18 j 10:46	10°♏15'54	25°42'27
desc. node	-2791 Dec 28 j 08:34	21°♏57'29	
	-2790 Jan 03 j 04:03	0°♐	
	-2790 Jan 21 j 18:12	0°♑	
morning set	-2790 Jan 23 j 16:09	3°♑27'51	
max. Earth dist.	-2790 Jan 27 j 13:21	10°♑43'08	1.36045 AU
superior conj	-2790 Feb 02 j 02:22	21°♑34'46	-1°-32'-35
minimum elong	-2790 Feb 02 j 05:44	21°♑51'37	1°32'18
	-2790 Feb 06 j 05:51	0°♒	
evening rise	-2790 Feb 10 j 02:56	7°♒56'08	
asc. node	-2790 Feb 12 j 16:45	13°♒06'27	
	-2790 Feb 22 j 08:51	0°♓	
evening max el	-2790 Feb 27 j 23:36	6°♓44'09	20°01'31
retrograde	-2790 Mar 10 j 03:38	11°♓34'44	
evening set	-2790 Mar 12 j 09:32	11°♓21'36	
inferior conj	-2790 Mar 21 j 04:12	7°♓21'17	1°24'17
minimum elong	-2790 Mar 21 j 07:40	7°♓16'00	1°23'07
min. Earth dist.	-2790 Mar 23 j 05:41	6°♓06'20	0.55661 AU
desc. node	-2790 Mar 26 j 07:39	4°♓23'39	
morning rise	-2790 Mar 30 j 03:00	2°♓52'28	
direct	-2790 Apr 03 j 02:00	2°♓18'02	
morning max el	-2790 Apr 16 j 20:34	9°♓08'07	23°54'59
	-2790 May 02 j 03:20	0°♈	
morning set	-2790 May 11 j 02:47	17°♈25'58	
asc. node	-2790 May 11 j 16:13	18°♈36'35	
	-2790 May 16 j 23:36	0°♉	
superior conj	-2790 May 18 j 05:23	2°♉40'36	1°03'44
minimum elong	-2790 May 18 j 02:59	2°♉27'41	1°03'22
max. Earth dist.	-2790 May 20 j 04:09	6°♉51'07	1.33450 AU
evening rise	-2790 May 25 j 17:09	18°♉21'04	
	-2790 May 31 j 18:17	0°♊	
	-2790 Jun 19 j 23:10	0°♋	
desc. node	-2790 Jun 22 j 06:42	2°♋51'22	
evening max el	-2790 Jun 28 j 02:35	9°♋09'23	27°25'06
retrograde	-2790 Jul 11 j 18:24	16°♋31'58	
evening set	-2790 Jul 18 j 22:25	13°♋52'12	
min. Earth dist.	-2790 Jul 22 j 13:10	10°♋40'48	0.63595 AU
inferior conj	-2790 Jul 25 j 03:55	7°♋59'54	-3°-44'-53
minimum elong	-2790 Jul 25 j 07:54	7°♋49'40	3°43'57
morning rise	-2790 Jul 31 j 19:24	2°♋41'11	
direct	-2790 Aug 03 j 09:26	2°♋08'24	
asc. node	-2790 Aug 07 j 15:29	3°♋37'15	
morning max el	-2790 Aug 09 j 22:36	5°♋33'22	17°57'09
	-2790 Aug 25 j 21:33	0°♌	
morning set	-2790 Aug 26 j 19:30	1°♌35'23	
superior conj	-2790 Sep 08 j 04:50	22°♌39'04	1°01'56
minimum elong	-2790 Sep 08 j 10:21	23°♌01'48	1°01'20
	-2790 Sep 12 j 16:57	0°♍	
max. Earth dist.	-2790 Sep 14 j 03:59	2°♍20'53	1.43886 AU
desc. node	-2790 Sep 18 j 06:05	8°♍50'40	
evening rise	-2790 Sep 24 j 04:21	18°♍05'32	
	-2790 Oct 01 j 23:31	0°♎	
greatest brilliancy	-2790 Oct 16 j 14:20	21°♎05'38	-0.5m
evening max el	-2790 Oct 22 j 13:20	28°♎12'59	20°40'37
	-2790 Oct 24 j 10:14	0°♏	
retrograde	-2790 Oct 30 j 17:04	3°♏02'14	
evening set	-2790 Nov 03 j 12:25	1°♏38'59	
asc. node	-2790 Nov 03 j 14:32	1°♏35'03	
	-2790 Nov 05 j 08:31	30°℞♎	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2790 Nov 08 j 23:29	25°♎28'11	1°46'20
minimum elong	-2790 Nov 08 j 21:14	25°♎35'50	1°45'27
min. Earth dist.	-2790 Nov 09 j 13:31	24°♎40'28	0.67033 AU
morning rise	-2790 Nov 14 j 05:36	19°♎11'38	
direct	-2790 Nov 19 j 15:43	16°♎51'02	
morning max el	-2790 Nov 30 j 19:27	23°♎30'09	24°20'27
	-2790 Dec 06 j 14:03	0°♏	
desc. node	-2790 Dec 15 j 05:35	11°♏26'45	
	-2790 Dec 27 j 13:47	0°♐	
morning set	-2789 Jan 05 j 14:54	15°♐03'31	
max. Earth dist.	-2789 Jan 09 j 10:38	21°♐49'36	1.37949 AU
	-2789 Jan 13 j 21:05	0°♑	
superior conj	-2789 Jan 16 j 09:10	4°♑45'40	-1°-48'-42
minimum elong	-2789 Jan 16 j 11:54	4°♑58'47	1°48'37
evening rise	-2789 Jan 25 j 02:37	21°♑54'56	
	-2789 Jan 29 j 06:30	0°♒	
asc. node	-2789 Jan 30 j 13:47	2°♒26'02	
evening max el	-2789 Feb 10 j 18:45	18°♒48'09	19°04'11
retrograde	-2789 Feb 19 j 09:31	22°♒55'58	
evening set	-2789 Feb 21 j 17:26	22°♒39'07	
inferior conj	-2789 Mar 01 j 18:55	18°♒25'01	2°51'20
minimum elong	-2789 Mar 01 j 23:41	18°♒16'42	2°50'08
min. Earth dist.	-2789 Mar 04 j 21:14	16°♒16'26	0.57022 AU
morning rise	-2789 Mar 10 j 01:59	13°♒24'49	
desc. node	-2789 Mar 13 j 04:44	12°♒32'03	
direct	-2789 Mar 15 j 05:46	12°♒22'04	
morning max el	-2789 Mar 29 j 11:35	19°♒42'41	25°30'34
	-2789 Apr 07 j 04:59	0°♓	
	-2789 Apr 24 j 10:33	0°♈	
morning set	-2789 Apr 25 j 14:49	2°♈27'13	
asc. node	-2789 Apr 28 j 13:13	8°♈42'37	
superior conj	-2789 May 02 j 15:48	17°♈39'10	0°41'55
minimum elong	-2789 May 02 j 14:04	17°♈29'40	0°41'36
max. Earth dist.	-2789 May 03 j 13:41	19°♈38'17	1.32809 AU
	-2789 May 08 j 09:48	0°♉	
evening rise	-2789 May 09 j 19:59	2°♉57'30	
	-2789 May 24 j 14:32	0°♊	
desc. node	-2789 Jun 09 j 03:46	20°♊30'34	
evening max el	-2789 Jun 10 j 09:30	21°♊43'43	27°12'14
retrograde	-2789 Jun 24 j 07:24	29°♊05'08	
evening set	-2789 Jul 01 j 08:26	26°♊46'28	
min. Earth dist.	-2789 Jul 04 j 23:12	23°♊58'52	0.61758 AU
inferior conj	-2789 Jul 08 j 02:03	21°♊08'49	-4°-15'-16
minimum elong	-2789 Jul 08 j 04:53	21°♊02'22	4°14'53
morning rise	-2789 Jul 15 j 04:05	16°♊10'40	
direct	-2789 Jul 17 j 15:55	15°♊44'03	
morning max el	-2789 Jul 24 j 12:49	19°♊10'25	17°58'22
asc. node	-2789 Jul 25 j 12:31	20°♊11'39	
	-2789 Aug 01 j 11:05	0°♋	
morning set	-2789 Aug 09 j 13:58	14°♋22'29	
	-2789 Aug 18 j 06:32	0°♌	
superior conj	-2789 Aug 20 j 06:31	3°♌29'24	1°30'24
minimum elong	-2789 Aug 20 j 11:06	3°♌49'14	1°30'04
max. Earth dist.	-2789 Aug 27 j 15:12	15°♌55'44	1.42452 AU
evening rise	-2789 Sep 03 j 12:45	27°♌02'35	
desc. node	-2789 Sep 05 j 03:06	29°♌33'04	
	-2789 Sep 05 j 09:59	0°♍	
	-2789 Sep 25 j 19:40	0°♎	
greatest brilliancy	-2789 Sep 30 j 13:38	6°♎10'12	-0.4m
evening max el	-2789 Oct 05 j 09:23	11°♎39'22	21°53'35
retrograde	-2789 Oct 14 j 13:15	17°♎06'09	
evening set	-2789 Oct 18 j 20:24	15°♎25'18	
asc. node	-2789 Oct 21 j 11:35	12°♎45'23	
inferior conj	-2789 Oct 24 j 05:33	9°♎07'26	0°56'08
minimum elong	-2789 Oct 24 j 04:17	9°♎11'50	0°55'34
min. Earth dist.	-2789 Oct 24 j 08:50	8°♎56'05	0.67409 AU
morning rise	-2789 Oct 29 j 11:55	2°♎51'00	
direct	-2789 Nov 03 j 06:46	0°♎51'53	
morning max el	-2789 Nov 13 j 05:32	6°♎47'36	22°53'32
greatest brilliancy	-2789 Nov 18 j 00:51	12°♎11'16	-0.3m
	-2789 Dec 01 j 03:51	0°♏	
desc. node	-2789 Dec 02 j 02:36	1°♏23'21	
morning set	-2789 Dec 17 j 10:49	25°♏18'30	
	-2789 Dec 20 j 06:19	0°♐	
max. Earth dist.	-2789 Dec 22 j 06:17	3°♐24'00	1.40034 AU
superior conj	-2789 Dec 30 j 00:13	17°♐06'56	-1°-56'-46
minimum elong	-2789 Dec 30 j 00:52	17°♐09'53	1°56'50
	-2788 Jan 05 j 21:42	0°♑	
evening rise	-2788 Jan 08 j 17:22	5°♑22'23	
asc. node	-2788 Jan 17 j 10:48	21°♑17'14	
	-2788 Jan 23 j 14:29	0°♒	
evening max el	-2788 Jan 24 j 22:31	1°♒23'51	18°26'48
retrograde	-2788 Feb 01 j 09:46	5°♒03'58	
evening set	-2788 Feb 03 j 21:16	4°♒40'58	
inferior conj	-2788 Feb 11 j 06:10	0°♒06'41	3°41'22
minimum elong	-2788 Feb 11 j 09:06	0°♒00'44	3°40'55
	-2788 Feb 11 j 09:28	30°℞♑	
min. Earth dist.	-2788 Feb 14 j 16:01	27°♑22'00	0.58902 AU
morning rise	-2788 Feb 18 j 17:22	24°♑40'50	
direct	-2788 Feb 24 j 23:00	22°♑59'52	
desc. node	-2788 Feb 28 j 01:47	23°♑24'27	
	-2788 Mar 09 j 14:36	0°♒	
morning max el	-2788 Mar 10 j 05:44	0°♒36'11	26°47'18
	-2788 Mar 31 j 03:07	0°♓	
morning set	-2788 Apr 09 j 01:19	17°♓23'11	
asc. node	-2788 Apr 14 j 10:14	28°♓54'21	
	-2788 Apr 14 j 22:15	0°♈	
superior conj	-2788 Apr 16 j 03:30	2°♈40'11	0°18'00
minimum elong	-2788 Apr 16 j 02:42	2°♈35'49	0°17'50
max. Earth dist.	-2788 Apr 16 j 02:35	2°♈35'11	1.32522 AU
evening rise	-2788 Apr 23 j 03:51	17°♈48'02	
	-2788 Apr 29 j 06:27	0°♉	
	-2788 May 18 j 23:24	0°♊	
evening max el	-2788 May 22 j 10:53	3°♊37'14	26°26'38
desc. node	-2788 May 26 j 00:48	6°♊41'43	
retrograde	-2788 Jun 05 j 12:25	10°♊54'45	
evening set	-2788 Jun 11 j 22:52	9°♊10'05	
min. Earth dist.	-2788 Jun 16 j 00:07	6°♊30'18	0.59727 AU
inferior conj	-2788 Jun 19 j 08:52	3°♊50'27	-4°-27'00
minimum elong	-2788 Jun 19 j 08:56	3°♊50'20	4°26'57
	-2788 Jun 25 j 00:07	30°℞♉	
morning rise	-2788 Jun 26 j 22:30	29°♉14'19	
direct	-2788 Jun 29 j 09:52	28°♉52'09	
	-2788 Jul 03 j 14:51	0°♊	
morning max el	-2788 Jul 06 j 23:11	2°♊30'31	18°18'59
asc. node	-2788 Jul 11 j 09:34	7°♊47'44	
morning set	-2788 Jul 22 j 23:06	27°♊53'03	
	-2788 Jul 24 j 01:49	0°♋	
superior conj	-2788 Aug 01 j 09:09	15°♋34'05	1°45'10
minimum elong	-2788 Aug 01 j 11:15	15°♋43'36	1°45'10
max. Earth dist.	-2788 Aug 08 j 20:52	28°♋49'39	1.40628 AU
	-2788 Aug 09 j 13:20	0°♌	
evening rise	-2788 Aug 13 j 16:25	6°♌54'37	
desc. node	-2788 Aug 22 j 00:06	20°♌08'44	
	-2788 Aug 28 j 13:40	0°♍	
greatest brilliancy	-2788 Sep 11 j 05:03	18°♍34'31	-0.2m
evening max el	-2788 Sep 17 j 00:14	25°♍06'44	23°13'11
	-2788 Sep 23 j 03:11	0°♎	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

retrograde	-2788 Sep 27 j 06:42	1°♎11'26	
	-2788 Oct 01 j 01:22	30°℞♍	
evening set	-2788 Oct 02 j 03:34	29°♍11'28	
min. Earth dist.	-2788 Oct 07 j 05:20	23°♍14'09	0.67483 AU
asc. node	-2788 Oct 07 j 08:39	23°♍02'45	
inferior conj	-2788 Oct 07 j 12:18	22°♍50'13	0°03'08
minimum elong	-2788 Oct 07 j 12:13	22°♍50'29	0°03'07
transit middle	-2788 Oct 07 j 12:13	22°♍50'29	0°03'07
transit begin	-2788 Oct 07 j 09:34	22°♍59'36	
transit end	-2788 Oct 07 j 14:53	22°♍41'21	
morning rise	-2788 Oct 12 j 20:53	16°♍36'58	
direct	-2788 Oct 17 j 01:30	14°♍59'33	
morning max el	-2788 Oct 25 j 20:20	20°♍10'36	21°30'12
greatest brilliancy	-2788 Oct 30 j 23:40	26°♍05'19	-0.4m
	-2788 Nov 02 j 23:51	0°♎	
desc. node	-2788 Nov 17 j 23:35	21°♎38'52	
	-2788 Nov 23 j 09:58	0°♏	
morning set	-2788 Nov 26 j 02:09	4°♏11'49	
max. Earth dist.	-2788 Dec 03 j 07:34	15°♏51'13	1.42018 AU
superior conj	-2788 Dec 10 j 17:58	28°♏24'10	-1°-53'00
minimum elong	-2788 Dec 10 j 14:57	28°♏11'08	1°52'57
	-2788 Dec 11 j 16:03	0°♐	
evening rise	-2788 Dec 21 j 19:38	18°♐10'09	
	-2788 Dec 28 j 09:27	0°♑	
asc. node	-2787 Jan 03 j 07:50	9°♑30'28	
evening max el	-2787 Jan 07 j 07:59	14°♑22'00	18°09'20
retrograde	-2787 Jan 14 j 02:59	17°♑49'52	
evening set	-2787 Jan 16 j 17:46	17°♑19'29	
inferior conj	-2787 Jan 23 j 12:47	12°♑23'01	3°59'02
minimum elong	-2787 Jan 23 j 13:05	12°♑22'21	3°58'57
min. Earth dist.	-2787 Jan 26 j 16:42	9°♑26'25	0.60947 AU
morning rise	-2787 Jan 30 j 05:45	6°♑39'18	
direct	-2787 Feb 06 j 02:50	4°♑22'23	
desc. node	-2787 Feb 13 j 22:50	6°♑58'42	
morning max el	-2787 Feb 20 j 05:52	12°♑05'53	27°33'21
	-2787 Mar 06 j 09:44	0°♒	
	-2787 Mar 23 j 07:39	0°♓	
morning set	-2787 Mar 24 j 08:28	2°♓06'52	
max. Earth dist.	-2787 Mar 30 j 15:10	15°♓28'25	1.32578 AU
superior conj	-2787 Mar 31 j 14:47	17°♓37'15	0°-7'-12
minimum elong	-2787 Mar 31 j 15:07	17°♓39'02	0°07'09
behind sun begin	-2787 Mar 31 j 10:35	17°♓14'16	
behind sun end	-2787 Mar 31 j 19:39	18°♓03'48	
asc. node	-2787 Apr 01 j 07:15	19°♓07'12	
	-2787 Apr 06 j 07:33	0°♈	
evening rise	-2787 Apr 07 j 14:35	2°♈44'40	
	-2787 Apr 22 j 10:23	0°♉	
evening max el	-2787 May 04 j 06:02	14°♉49'19	25°12'52
desc. node	-2787 May 12 j 21:51	20°♉51'08	
retrograde	-2787 May 18 j 07:06	21°♉58'27	
evening set	-2787 May 23 j 15:09	20°♉52'29	
min. Earth dist.	-2787 May 28 j 18:09	18°♉03'46	0.57742 AU
inferior conj	-2787 May 31 j 21:01	15°♉55'38	-4°-9'-59
minimum elong	-2787 May 31 j 17:12	16°♉02'13	4°09'27
morning rise	-2787 Jun 08 j 23:14	11°♉40'51	
direct	-2787 Jun 11 j 11:12	11°♉22'03	
morning max el	-2787 Jun 20 j 02:48	15°♉25'03	18°59'57
asc. node	-2787 Jun 28 j 06:38	26°♉11'59	
	-2787 Jun 30 j 11:37	0°♊	
morning set	-2787 Jul 06 j 18:52	11°♊57'05	
superior conj	-2787 Jul 15 j 07:13	28°♊38'23	1°48'38
minimum elong	-2787 Jul 15 j 07:00	28°♊37'18	1°48'42
	-2787 Jul 16 j 00:17	0°♋	
max. Earth dist.	-2787 Jul 21 j 23:24	11°♋03'57	1.38659 AU
evening rise	-2787 Jul 25 j 21:58	18°♋01'29	
	-2787 Aug 02 j 02:12	0°♌	
desc. node	-2787 Aug 08 j 21:07	10°♌33'31	
	-2787 Aug 22 j 21:36	0°♍	
evening max el	-2787 Aug 30 j 12:00	8°♍37'13	24°33'02
retrograde	-2787 Sep 10 j 20:23	15°♍15'23	
evening set	-2787 Sep 16 j 08:14	12°♍56'23	
min. Earth dist.	-2787 Sep 21 j 00:38	7°♍33'40	0.67251 AU
inferior conj	-2787 Sep 21 j 18:04	6°♍35'20	0°-50'-56
minimum elong	-2787 Sep 21 j 19:17	6°♍31'16	0°50'25
asc. node	-2787 Sep 24 j 05:43	3°♍24'01	
morning rise	-2787 Sep 27 j 06:38	0°♍28'21	
	-2787 Sep 28 j 00:28	30°℞♌	
direct	-2787 Sep 30 j 22:44	29°♌10'54	
	-2787 Oct 04 j 01:01	0°♍	
morning max el	-2787 Oct 08 j 18:18	3°♍43'03	20°16'39
greatest brilliancy	-2787 Oct 15 j 13:11	11°♍57'32	-0.6m
	-2787 Oct 27 j 22:27	0°♎	
desc. node	-2787 Nov 04 j 20:37	12°♎07'59	
morning set	-2787 Nov 05 j 00:29	12°♎22'56	
max. Earth dist.	-2787 Nov 15 j 16:51	29°♎11'53	1.43610 AU
	-2787 Nov 16 j 04:50	0°♏	
superior conj	-2787 Nov 21 j 09:23	8°♏26'12	-1°-33'-28
minimum elong	-2787 Nov 21 j 02:38	7°♏58'27	1°32'57
evening rise	-2787 Dec 04 j 05:19	0°♐10'35	
	-2787 Dec 04 j 02:52	0°♐	
asc. node	-2787 Dec 21 j 04:52	26°♐54'46	
evening max el	-2787 Dec 21 j 20:15	27°♐35'02	18°11'17
	-2787 Dec 24 j 20:01	0°♑	
retrograde	-2787 Dec 28 j 09:03	1°♑03'52	
evening set	-2787 Dec 31 j 03:17	0°♑25'12	
	-2787 Dec 31 j 22:37	30°℞♐	
inferior conj	-2786 Jan 06 j 11:20	25°♐07'32	3°52'50
minimum elong	-2786 Jan 06 j 09:35	25°♐12'09	3°52'35
min. Earth dist.	-2786 Jan 09 j 02:18	22°♐21'12	0.62867 AU
morning rise	-2786 Jan 12 j 14:04	19°♐11'13	
direct	-2786 Jan 19 j 15:09	16°♐30'01	
desc. node	-2786 Jan 31 j 19:54	22°♐41'49	
morning max el	-2786 Feb 02 j 11:47	24°♐16'19	27°43'09
	-2786 Feb 07 j 17:06	0°♑	
	-2786 Feb 27 j 17:06	0°♒	
morning set	-2786 Mar 08 j 10:02	16°♒30'36	
max. Earth dist.	-2786 Mar 13 j 23:32	28°♒04'14	1.33001 AU
	-2786 Mar 14 j 21:11	0°♓	
superior conj	-2786 Mar 16 j 00:01	2°♓24'19	0°-32'-48
minimum elong	-2786 Mar 16 j 01:31	2°♓32'24	0°32'33
asc. node	-2786 Mar 19 j 04:17	9°♓16'57	
evening rise	-2786 Mar 23 j 02:20	17°♓40'20	
	-2786 Mar 29 j 05:33	0°♈	
evening max el	-2786 Apr 15 j 21:31	25°♈33'10	23°41'47
	-2786 Apr 21 j 14:35	0°♉	
retrograde	-2786 Apr 29 j 13:39	2°♉22'50	
desc. node	-2786 Apr 29 j 18:55	2°♉22'44	
evening set	-2786 May 03 j 12:49	1°♉48'11	
	-2786 May 07 j 21:26	30°℞♈	
min. Earth dist.	-2786 May 10 j 08:30	28°♈36'57	0.56129 AU
inferior conj	-2786 May 12 j 12:59	27°♈17'46	-3°-13'-41
minimum elong	-2786 May 12 j 06:40	27°♈27'21	3°12'07
morning rise	-2786 May 21 j 04:11	23°♈18'51	
direct	-2786 May 23 j 17:27	23°♈02'21	
morning max el	-2786 Jun 02 j 21:08	27°♈44'38	20°01'34
	-2786 Jun 05 j 01:56	0°♉	
asc. node	-2786 Jun 15 j 03:42	15°♉12'27	
morning set	-2786 Jun 20 j 22:02	26°♉25'25	
	-2786 Jun 22 j 16:17	0°♊	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2786 Jun 28 j 19:21	12°♊26'40	1°43'23
minimum elong	-2786 Jun 28 j 17:34	12°♊17'48	1°43'21
max. Earth dist.	-2786 Jul 04 j 03:35	22°♊53'25	1.36789 AU
	-2786 Jul 07 j 23:09	0°♋	
evening rise	-2786 Jul 08 j 03:07	0°♋18'03	
	-2786 Jul 26 j 06:48	0°♌	
desc. node	-2786 Jul 26 j 18:08	0°♌41'14	
evening max el	-2786 Aug 12 j 22:53	22°♌09'39	25°45'43
retrograde	-2786 Aug 25 j 05:41	29°♌12'47	
evening set	-2786 Aug 31 j 08:30	26°♌37'30	
min. Earth dist.	-2786 Sep 04 j 16:18	21°♌51'53	0.66693 AU
inferior conj	-2786 Sep 05 j 21:03	20°♌20'07	-1°-44'-33
minimum elong	-2786 Sep 05 j 23:32	20°♌12'11	1°43'32
asc. node	-2786 Sep 11 j 02:50	14°♌43'20	
morning rise	-2786 Sep 11 j 15:16	14°♌22'31	
direct	-2786 Sep 14 j 20:59	13°♌21'56	
morning max el	-2786 Sep 21 j 23:36	17°♌24'14	19°16'37
	-2786 Oct 01 j 14:26	0°♍	
greatest brilliancy	-2786 Oct 02 j 19:04	1°♍46'56	-0.7m
morning set	-2786 Oct 15 j 05:06	20°♍59'22	
	-2786 Oct 20 j 23:18	0°♎	
desc. node	-2786 Oct 22 j 17:39	2°♎45'52	
max. Earth dist.	-2786 Oct 29 j 08:01	13°♎08'42	1.44599 AU
superior conj	-2786 Oct 31 j 22:34	17°♎16'26	0°-56'-46
minimum elong	-2786 Oct 31 j 15:56	16°♎50'08	0°56'01
	-2786 Nov 08 j 20:58	0°♏	
evening rise	-2786 Nov 15 j 17:48	11°♏14'35	
	-2786 Nov 27 j 05:37	0°♐	
evening max el	-2786 Dec 05 j 08:34	10°♐56'46	18°31'55
asc. node	-2786 Dec 08 j 01:55	13°♐16'26	
retrograde	-2786 Dec 11 j 23:34	14°♐37'19	
evening set	-2786 Dec 14 j 22:19	13°♐49'03	
inferior conj	-2786 Dec 20 j 21:57	8°♐12'40	3°30'04
minimum elong	-2786 Dec 20 j 19:08	8°♐20'55	3°29'27
min. Earth dist.	-2786 Dec 22 j 22:00	5°♐52'01	0.64489 AU
morning rise	-2786 Dec 26 j 14:41	2°♐07'19	
	-2786 Dec 29 j 23:05	30°℞♏	
direct	-2785 Jan 02 j 10:48	29°♏16'41	
	-2785 Jan 06 j 03:52	0°♐	
morning max el	-2785 Jan 15 j 21:04	6°♐59'47	27°17'56
desc. node	-2785 Jan 18 j 17:00	9°♐58'45	
	-2785 Feb 02 j 15:56	0°♑	
	-2785 Feb 19 j 22:01	0°♒	
morning set	-2785 Feb 20 j 03:13	0°♒25'19	
max. Earth dist.	-2785 Feb 24 j 23:41	10°♒10'12	1.33829 AU
superior conj	-2785 Feb 28 j 05:18	16°♒55'27	0°-57'-48
minimum elong	-2785 Feb 28 j 07:51	17°♒08'55	0°57'25
asc. node	-2785 Mar 06 j 01:19	29°♒19'34	
	-2785 Mar 06 j 08:58	0°♓	
evening rise	-2785 Mar 07 j 13:18	2°♓28'52	
	-2785 Mar 23 j 03:52	0°♈	
evening max el	-2785 Mar 28 j 15:38	6°♈16'46	22°07'50
retrograde	-2785 Apr 10 j 08:41	12°♈28'26	
evening set	-2785 Apr 13 j 04:25	12°♈10'48	
desc. node	-2785 Apr 16 j 15:59	11°♈05'00	
min. Earth dist.	-2785 Apr 21 j 22:17	8°♈24'16	0.55221 AU
inferior conj	-2785 Apr 22 j 12:57	8°♈03'35	-1°-37'-5
minimum elong	-2785 Apr 22 j 08:35	8°♈09'44	1°35'39
morning rise	-2785 May 01 j 14:21	4°♈06'41	
direct	-2785 May 04 j 08:25	3°♈49'38	
morning max el	-2785 May 16 j 04:43	9°♈23'26	21°22'16
	-2785 May 30 j 14:30	0°♉	
asc. node	-2785 Jun 02 j 00:47	4°♉40'12	
morning set	-2785 Jun 05 j 06:09	11°♉11'15	

superior conj	-2785 Jun 12 j 17:21	26°♉46'40	1°31'36
minimum elong	-2785 Jun 12 j 14:50	26°♉33'38	1°31'25
	-2785 Jun 14 j 06:52	0°♊	
max. Earth dist.	-2785 Jun 16 j 15:02	4°♊44'42	1.35205 AU
evening rise	-2785 Jun 21 j 02:50	13°♊31'28	
	-2785 Jun 30 j 07:26	0°♋	
desc. node	-2785 Jul 13 j 15:08	20°♋24'20	
	-2785 Jul 21 j 03:27	0°♌	
evening max el	-2785 Jul 26 j 10:09	5°♌39'56	26°43'14
retrograde	-2785 Aug 08 j 10:06	12°♌57'31	
evening set	-2785 Aug 15 j 02:08	10°♌12'18	
min. Earth dist.	-2785 Aug 19 j 02:04	6°♌04'59	0.65782 AU
inferior conj	-2785 Aug 20 j 19:19	4°♌01'58	-2°-35'-42
minimum elong	-2785 Aug 20 j 22:51	3°♌51'27	2°34'27
	-2785 Aug 24 j 12:16	30°℞♋	
morning rise	-2785 Aug 26 j 20:41	28°♋16'49	
asc. node	-2785 Aug 28 j 23:58	27°♋32'54	
direct	-2785 Aug 29 j 18:22	27°♋29'37	
	-2785 Sep 04 j 04:29	0°♌	
morning max el	-2785 Sep 05 j 10:36	1°♌10'59	18°32'11
	-2785 Sep 24 j 21:51	0°♍	
morning set	-2785 Sep 25 j 09:50	0°♍48'28	
desc. node	-2785 Oct 09 j 14:37	23°♍28'52	
superior conj	-2785 Oct 10 j 22:18	25°♍33'49	0°-8'-28
minimum elong	-2785 Oct 10 j 21:11	25°♍29'25	0°08'19
behind sun begin	-2785 Oct 10 j 11:20	24°♍50'32	
behind sun end	-2785 Oct 11 j 07:03	26°♍08'16	
max. Earth dist.	-2785 Oct 12 j 01:45	27°♍21'54	1.44884 AU
	-2785 Oct 13 j 17:56	0°♎	
evening rise	-2785 Oct 27 j 05:48	21°♎15'44	
	-2785 Nov 01 j 18:18	0°♏	
evening max el	-2785 Nov 18 j 18:28	24°♏22'14	19°10'00
asc. node	-2785 Nov 24 j 23:00	28°♏19'36	
retrograde	-2785 Nov 25 j 18:47	28°♏23'26	
evening set	-2785 Nov 28 j 23:51	27°♏23'34	
inferior conj	-2785 Dec 04 j 17:12	21°♏31'26	2°55'46
minimum elong	-2785 Dec 04 j 14:09	21°♏41'05	2°54'51
min. Earth dist.	-2785 Dec 06 j 02:56	19°♏44'50	0.65758 AU
morning rise	-2785 Dec 10 j 03:33	15°♏19'49	
direct	-2785 Dec 16 j 12:49	12°♏33'24	
morning max el	-2785 Dec 29 j 06:40	20°♏02'10	26°23'33
desc. node	-2784 Jan 05 j 14:03	28°♏21'17	
	-2784 Jan 06 j 21:03	0°♐	
	-2784 Jan 26 j 17:51	0°♑	
morning set	-2784 Feb 03 j 08:03	13°♑37'43	
max. Earth dist.	-2784 Feb 07 j 12:14	21°♑39'11	1.35103 AU
	-2784 Feb 11 j 16:05	0°♒	
superior conj	-2784 Feb 12 j 04:16	1°♒02'17	-1°-20'-52
minimum elong	-2784 Feb 12 j 07:31	1°♒18'55	1°20'30
evening rise	-2784 Feb 19 j 21:33	17°♒02'49	
asc. node	-2784 Feb 20 j 22:19	19°♒09'38	
	-2784 Feb 26 j 11:57	0°♓	
evening max el	-2784 Mar 09 j 18:13	17°♓24'38	20°43'08
retrograde	-2784 Mar 20 j 22:04	22°♓44'27	
evening set	-2784 Mar 23 j 05:14	22°♓31'47	
inferior conj	-2784 Apr 01 j 08:06	18°♓34'22	0°20'15
minimum elong	-2784 Apr 01 j 09:02	18°♓33'01	0°19'55
min. Earth dist.	-2784 Apr 02 j 12:27	17°♓53'33	0.55235 AU
desc. node	-2784 Apr 02 j 13:04	17°♓52'39	
morning rise	-2784 Apr 10 j 11:15	14°♓21'01	
direct	-2784 Apr 13 j 20:23	13°♓56'09	
morning max el	-2784 Apr 27 j 02:10	20°♓22'14	22°57'18
	-2784 May 05 j 04:21	0°♈	
asc. node	-2784 May 18 j 21:49	24°♈27'12	
morning set	-2784 May 19 j 17:09	26°♈07'39	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2784 May 21 j 13:15	0°♉	
superior conj	-2784 May 26 j 22:00	11°♉27'39	1°14'59
minimum elong	-2784 May 26 j 19:25	11°♉13'52	1°14'40
max. Earth dist.	-2784 May 29 j 12:23	16°♉56'59	1.33987 AU
evening rise	-2784 Jun 03 j 16:06	27°♉26'42	
	-2784 Jun 04 j 23:26	0°♊	
	-2784 Jun 22 j 13:39	0°♋	
desc. node	-2784 Jun 29 j 12:10	9°♋32'18	
evening max el	-2784 Jul 07 j 21:34	18°♋59'20	27°18'03
retrograde	-2784 Jul 21 j 09:07	26°♋21'46	
evening set	-2784 Jul 28 j 10:22	23°♋36'39	
min. Earth dist.	-2784 Aug 01 j 03:46	20°♋06'10	0.64496 AU
inferior conj	-2784 Aug 03 j 10:32	17°♋36'47	-3°-21'-55
minimum elong	-2784 Aug 03 j 14:36	17°♋25'41	3°20'46
morning rise	-2784 Aug 09 j 20:28	12°♋07'16	
direct	-2784 Aug 12 j 12:36	11°♋30'02	
asc. node	-2784 Aug 14 j 21:04	11°♋58'54	
morning max el	-2784 Aug 19 j 00:57	14°♋58'49	18°04'45
	-2784 Aug 29 j 15:27	0°♌	
morning set	-2784 Sep 05 j 18:21	11°♌58'22	
	-2784 Sep 16 j 14:26	0°♍	
superior conj	-2784 Sep 19 j 07:08	4°♍22'09	0°39'10
minimum elong	-2784 Sep 19 j 11:28	4°♍39'38	0°38'38
max. Earth dist.	-2784 Sep 23 j 19:23	11°♍35'05	1.44445 AU
desc. node	-2784 Sep 25 j 11:36	14°♍14'18	
evening rise	-2784 Oct 05 j 19:49	0°♎22'49	
	-2784 Oct 05 j 13:54	0°♎	
greatest brilliancy	-2784 Oct 24 j 22:10	29°♎02'24	-0.6m
	-2784 Oct 25 j 14:53	0°♏	
evening max el	-2784 Oct 31 j 23:56	7°♏49'16	20°03'44
retrograde	-2784 Nov 08 j 15:55	12°♏18'45	
asc. node	-2784 Nov 10 j 20:05	11°♏51'26	
evening set	-2784 Nov 12 j 05:28	11°♏04'47	
inferior conj	-2784 Nov 17 j 18:22	5°♏00'03	2°13'25
minimum elong	-2784 Nov 17 j 15:41	5°♏08'57	2°12'26
min. Earth dist.	-2784 Nov 18 j 15:12	3°♏50'40	0.66668 AU
	-2784 Nov 21 j 18:36	30°℞♎	
morning rise	-2784 Nov 23 j 01:18	28°♎44'43	
direct	-2784 Nov 28 j 20:24	26°♎12'43	
	-2784 Dec 07 j 02:57	0°♏	
morning max el	-2784 Dec 10 j 15:19	3°♏13'03	25°08'47
desc. node	-2784 Dec 22 j 11:04	17°♏30'18	
	-2784 Dec 31 j 03:06	0°♐	
morning set	-2783 Jan 15 j 19:29	25°♐53'06	
	-2783 Jan 18 j 01:59	0°♑	
max. Earth dist.	-2783 Jan 19 j 13:32	2°♑44'17	1.36815 AU
superior conj	-2783 Jan 25 j 18:01	14°♑36'37	-1°-40'-12
minimum elong	-2783 Jan 25 j 21:15	14°♑52'35	1°39'59
	-2783 Feb 02 j 09:54	0°♒	
evening rise	-2783 Feb 03 j 01:02	1°♒16'09	
asc. node	-2783 Feb 06 j 19:20	8°♒41'59	
evening max el	-2783 Feb 20 j 07:32	29°♒08'13	19°34'46
	-2783 Feb 21 j 06:22	0°♓	
retrograde	-2783 Mar 01 j 18:29	3°♓38'22	
evening set	-2783 Mar 04 j 01:00	3°♓23'58	
	-2783 Mar 11 j 10:56	30°℞♒	
inferior conj	-2783 Mar 12 j 12:36	29°♒19'16	2°05'32
minimum elong	-2783 Mar 12 j 17:08	29°♒12'00	2°04'09
min. Earth dist.	-2783 Mar 15 j 02:57	27°♒39'59	0.56164 AU
desc. node	-2783 Mar 20 j 10:09	24°♒54'34	
morning rise	-2783 Mar 21 j 05:44	24°♒37'09	
direct	-2783 Mar 25 j 17:00	23°♒52'10	
	-2783 Apr 07 j 16:55	0°♓	
morning max el	-2783 Apr 08 j 17:32	0°♓57'05	24°36'48
	-2783 Apr 28 j 16:24	0°♈	
morning set	-2783 May 04 j 05:16	11°♈08'52	
asc. node	-2783 May 05 j 18:49	14°♈27'40	
superior conj	-2783 May 11 j 06:53	26°♈21'42	0°54'47
minimum elong	-2783 May 11 j 04:43	26°♈09'59	0°54'26
	-2783 May 12 j 23:18	0°♉	
max. Earth dist.	-2783 May 12 j 18:32	29°♈34'20	1.33143 AU
evening rise	-2783 May 18 j 14:55	11°♉51'18	
	-2783 May 28 j 04:56	0°♊	
desc. node	-2783 Jun 16 j 09:13	27°♊49'48	
	-2783 Jun 18 j 09:15	0°♋	
evening max el	-2783 Jun 20 j 07:05	1°♋54'31	27°23'42
retrograde	-2783 Jul 04 j 01:45	9°♋16'07	
evening set	-2783 Jul 11 j 05:39	6°♋43'57	
min. Earth dist.	-2783 Jul 14 j 19:43	3°♋44'02	0.62849 AU
inferior conj	-2783 Jul 17 j 15:52	0°♋57'39	-3°-59'-34
minimum elong	-2783 Jul 17 j 19:32	0°♋48'39	3°58'51
	-2783 Jul 18 j 15:38	30°℞♊	
morning rise	-2783 Jul 24 j 11:39	25°♊47'02	
direct	-2783 Jul 27 j 00:34	25°♊17'02	
asc. node	-2783 Aug 01 j 18:07	27°♊50'47	
morning max el	-2783 Aug 02 j 15:59	28°♊41'30	17°55'18
	-2783 Aug 03 j 21:36	0°♋	
morning set	-2783 Aug 19 j 02:07	24°♋14'53	
	-2783 Aug 22 j 08:11	0°♌	
superior conj	-2783 Aug 30 j 16:46	14°♌24'38	1°15'47
minimum elong	-2783 Aug 30 j 22:15	14°♌47'40	1°15'16
max. Earth dist.	-2783 Sep 06 j 10:11	25°♌30'49	1.43341 AU
	-2783 Sep 09 j 05:09	0°♍	
desc. node	-2783 Sep 12 j 08:36	4°♍58'42	
evening rise	-2783 Sep 15 j 00:42	9°♍09'09	
	-2783 Sep 28 j 20:05	0°♎	
greatest brilliancy	-2783 Oct 09 j 15:38	15°♎02'38	-0.5m
evening max el	-2783 Oct 14 j 23:33	21°♎15'47	21°10'35
retrograde	-2783 Oct 23 j 12:52	26°♎20'02	
evening set	-2783 Oct 27 j 13:05	24°♎49'27	
asc. node	-2783 Oct 28 j 17:10	23°♎48'38	
inferior conj	-2783 Nov 01 j 23:09	18°♎35'23	1°25'27
minimum elong	-2783 Nov 01 j 21:17	18°♎41'47	1°24'41
min. Earth dist.	-2783 Nov 02 j 08:29	18°♎03'22	0.67236 AU
morning rise	-2783 Nov 07 j 05:09	12°♎18'48	
direct	-2783 Nov 12 j 08:48	10°♎07'06	
morning max el	-2783 Nov 23 j 00:04	16°♎27'39	23°43'32
	-2783 Dec 04 j 04:24	0°♏	
desc. node	-2783 Dec 09 j 08:05	7°♏12'02	
	-2783 Dec 24 j 03:55	0°♐	
morning set	-2783 Dec 28 j 07:20	6°♐54'46	
max. Earth dist.	-2782 Jan 01 j 09:15	13°♐58'39	1.38834 AU
superior conj	-2782 Jan 08 j 18:41	27°♐27'35	-1°-53'-19
minimum elong	-2782 Jan 08 j 20:44	27°♐37'13	1°53'19
	-2782 Jan 10 j 02:55	0°♑	
evening rise	-2782 Jan 17 j 21:14	15°♑02'03	
asc. node	-2782 Jan 24 j 16:21	27°♑50'12	
	-2782 Jan 25 j 22:14	0°♒	
evening max el	-2782 Feb 03 j 06:37	11°♒26'09	18°45'49
retrograde	-2782 Feb 11 j 08:08	15°♒20'13	
evening set	-2782 Feb 13 j 17:42	15°♒00'50	
inferior conj	-2782 Feb 21 j 11:49	10°♒38'16	3°17'03
minimum elong	-2782 Feb 21 j 16:03	10°♒30'23	3°16'09
min. Earth dist.	-2782 Feb 24 j 19:11	8°♒12'00	0.57779 AU
morning rise	-2782 Mar 01 j 10:34	5°♒26'31	
direct	-2782 Mar 07 j 02:19	4°♒08'19	
desc. node	-2782 Mar 07 j 07:12	4°♒08'25	
morning max el	-2782 Mar 21 j 09:10	11°♒36'08	26°06'26

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2782 Apr 04 j 14:41	0°♓	
morning set	-2782 Apr 18 j 16:54	26°♓09'12	
	-2782 Apr 20 j 12:29	0°♈	
asc. node	-2782 Apr 22 j 15:48	4°♈36'53	
superior conj	-2782 Apr 25 j 18:03	11°♈22'23	0°31'59
minimum elong	-2782 Apr 25 j 16:41	11°♈14'53	0°31'43
max. Earth dist.	-2782 Apr 26 j 06:13	12°♈28'53	1.32649 AU
evening rise	-2782 May 02 j 20:13	26°♈35'19	
	-2782 May 04 j 12:08	0°♉	
	-2782 May 21 j 18:04	0°♊	
evening max el	-2782 Jun 02 j 11:58	14°♊13'05	26°56'39
desc. node	-2782 Jun 03 j 06:15	14°♊55'50	
retrograde	-2782 Jun 16 j 11:16	21°♊32'25	
evening set	-2782 Jun 23 j 07:52	19°♊26'53	
min. Earth dist.	-2782 Jun 27 j 01:31	16°♊44'57	0.60915 AU
inferior conj	-2782 Jun 30 j 07:59	13°♊56'49	-4°-23'-4
minimum elong	-2782 Jun 30 j 09:50	13°♊52'49	4°22'53
morning rise	-2782 Jul 07 j 14:49	9°♊07'55	
direct	-2782 Jul 10 j 02:27	8°♊43'13	
morning max el	-2782 Jul 17 j 04:56	12°♊12'52	18°04'42
asc. node	-2782 Jul 19 j 15:10	14°♊53'42	
	-2782 Jul 29 j 03:12	0°♋	
morning set	-2782 Aug 02 j 03:28	7°♋22'39	
superior conj	-2782 Aug 12 j 05:47	25°♋49'00	1°38'13
minimum elong	-2782 Aug 12 j 09:22	26°♋04'50	1°38'03
	-2782 Aug 14 j 14:57	0°♌	
max. Earth dist.	-2782 Aug 19 j 19:33	8°♌51'33	1.41716 AU
evening rise	-2782 Aug 25 j 15:49	18°♌25'35	
desc. node	-2782 Aug 30 j 05:36	25°♌38'51	
	-2782 Sep 02 j 01:24	0°♍	
greatest brilliancy	-2782 Sep 22 j 23:09	29°♍21'47	-0.3m
	-2782 Sep 23 j 11:48	0°♎	
evening max el	-2782 Sep 27 j 17:11	4°♎42'10	22°26'52
retrograde	-2782 Oct 07 j 08:02	10°♎25'08	
evening set	-2782 Oct 11 j 20:56	8°♎35'59	
asc. node	-2782 Oct 15 j 14:14	4°♎30'33	
inferior conj	-2782 Oct 17 j 05:43	2°♎16'07	0°33'51
minimum elong	-2782 Oct 17 j 04:56	2°♎18'50	0°33'30
min. Earth dist.	-2782 Oct 17 j 04:32	2°♎20'14	0.67483 AU
	-2782 Oct 18 j 21:45	30°℞♍	
morning rise	-2782 Oct 22 j 12:50	26°♍00'54	
direct	-2782 Oct 27 j 01:23	24°♍11'21	
morning max el	-2782 Nov 05 j 11:54	29°♍47'26	22°17'12
	-2782 Nov 05 j 16:51	0°♎	
greatest brilliancy	-2782 Nov 10 j 04:40	5°♎05'24	-0.3m
desc. node	-2782 Nov 26 j 05:06	27°♎17'24	
	-2782 Nov 28 j 00:26	0°♏	
morning set	-2782 Dec 08 j 14:43	16°♏33'00	
max. Earth dist.	-2782 Dec 14 j 07:07	25°♏55'29	1.40909 AU
	-2782 Dec 16 j 16:41	0°♐	
superior conj	-2782 Dec 22 j 01:19	9°♐22'42	-1°-56'-51
minimum elong	-2782 Dec 22 j 00:34	9°♐19'22	1°56'56
evening rise	-2781 Jan 01 j 07:08	28°♐13'33	
	-2781 Jan 02 j 05:54	0°♑	
asc. node	-2781 Jan 11 j 13:23	16°♑26'23	
evening max el	-2781 Jan 17 j 13:03	24°♑11'39	18°16'56
retrograde	-2781 Jan 24 j 16:15	27°♑45'17	
evening set	-2781 Jan 27 j 05:03	27°♑19'19	
inferior conj	-2781 Feb 03 j 07:39	22°♑35'23	3°52'21
minimum elong	-2781 Feb 03 j 09:26	22°♑31'31	3°52'08
min. Earth dist.	-2781 Feb 06 j 16:06	19°♑42'39	0.59761 AU
morning rise	-2781 Feb 10 j 10:37	17°♑00'50	
direct	-2781 Feb 16 j 23:58	15°♑03'53	
desc. node	-2781 Feb 22 j 04:17	16°♑12'13	
morning max el	-2781 Mar 03 j 05:57	22°♑44'15	27°11'22
	-2781 Mar 09 j 17:17	0°♒	
	-2781 Mar 28 j 13:46	0°♓	
morning set	-2781 Apr 03 j 02:15	11°♓01'10	
asc. node	-2781 Apr 09 j 12:49	24°♓49'37	
superior conj	-2781 Apr 10 j 05:46	26°♓22'28	0°07'27
minimum elong	-2781 Apr 10 j 05:26	26°♓20'39	0°07'22
behind sun begin	-2781 Apr 10 j 00:59	25°♓56'13	
behind sun end	-2781 Apr 10 j 09:54	26°♓45'04	
max. Earth dist.	-2781 Apr 09 j 19:32	25°♓26'24	1.32496 AU
	-2781 Apr 11 j 21:30	0°♈	
evening rise	-2781 Apr 17 j 05:31	11°♈29'14	
	-2781 Apr 26 j 18:07	0°♉	
evening max el	-2781 May 15 j 10:23	25°♉47'45	25°58'08
	-2781 May 20 j 14:42	0°♊	
desc. node	-2781 May 21 j 03:18	0°♊20'10	
retrograde	-2781 May 29 j 12:20	3°♊03'12	
evening set	-2781 Jun 04 j 13:02	1°♊34'42	
	-2781 Jun 07 j 07:50	30°℞♉	
min. Earth dist.	-2781 Jun 08 j 22:55	28°♉53'19	0.58863 AU
inferior conj	-2781 Jun 12 j 07:13	26°♉24'02	-4°-23'-59
minimum elong	-2781 Jun 12 j 05:41	26°♉26'55	4°23'51
morning rise	-2781 Jun 20 j 02:09	21°♉57'42	
direct	-2781 Jun 22 j 13:42	21°♉37'07	
morning max el	-2781 Jun 30 j 12:53	25°♉23'56	18°33'54
	-2781 Jul 04 j 12:27	0°♊	
asc. node	-2781 Jul 06 j 12:13	2°♊51'59	
morning set	-2781 Jul 16 j 17:34	21°♊08'39	
	-2781 Jul 21 j 07:38	0°♋	
superior conj	-2781 Jul 25 j 17:28	8°♋21'37	1°47'52
minimum elong	-2781 Jul 25 j 18:30	8°♋26'25	1°47'54
max. Earth dist.	-2781 Aug 01 j 23:11	21°♋26'52	1.39794 AU
evening rise	-2781 Aug 06 j 06:19	28°♋48'43	
	-2781 Aug 06 j 23:20	0°♌	
desc. node	-2781 Aug 17 j 02:37	16°♌10'33	
	-2781 Aug 26 j 13:30	0°♍	
evening max el	-2781 Sep 10 j 06:16	18°♍10'16	23°47'28
retrograde	-2781 Sep 21 j 00:12	24°♍30'44	
evening set	-2781 Sep 26 j 03:19	22°♍22'24	
min. Earth dist.	-2781 Oct 01 j 00:53	16°♍39'24	0.67420 AU
inferior conj	-2781 Oct 01 j 12:18	16°♍00'30	0°-19'-47
minimum elong	-2781 Oct 01 j 12:46	15°♍58'54	0°19'35
asc. node	-2781 Oct 02 j 11:19	14°♍42'35	
morning rise	-2781 Oct 06 j 22:23	9°♍49'31	
direct	-2781 Oct 10 j 21:18	8°♍21'07	
morning max el	-2781 Oct 19 j 05:45	13°♍15'06	20°57'24
greatest brilliancy	-2781 Oct 24 j 23:02	19°♍57'51	-0.5m
	-2781 Nov 01 j 05:52	0°♎	
desc. node	-2781 Nov 13 j 02:08	17°♎39'36	
morning set	-2781 Nov 17 j 20:34	25°♎01'57	
	-2781 Nov 21 j 00:24	0°♏	
max. Earth dist.	-2781 Nov 26 j 11:34	8°♏46'01	1.42750 AU
superior conj	-2781 Dec 03 j 08:22	20°♏09'09	-1°-46'-49
minimum elong	-2781 Dec 03 j 03:35	19°♏48'57	1°46'36
	-2781 Dec 09 j 01:45	0°♐	
evening rise	-2781 Dec 15 j 02:58	10°♐42'51	
	-2781 Dec 26 j 08:36	0°♑	
asc. node	-2781 Dec 29 j 10:27	4°♑20'54	
evening max el	-2780 Jan 01 j 00:05	7°♑17'26	18°07'53
retrograde	-2780 Jan 07 j 15:30	10°♑44'27	
evening set	-2780 Jan 10 j 07:34	10°♑10'50	
inferior conj	-2780 Jan 16 j 21:36	5°♑05'23	3°58'50
minimum elong	-2780 Jan 16 j 20:54	5°♑07'06	3°58'44
min. Earth dist.	-2780 Jan 19 j 20:38	2°♑10'23	0.61784 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2780 Jan 22 j 08:09	30°℞♐	
morning rise	-2780 Jan 23 j 07:56	29°♐15'32	
direct	-2780 Jan 30 j 07:58	26°♐46'15	
	-2780 Feb 07 j 23:59	0°♑	
desc. node	-2780 Feb 09 j 01:22	0°♑46'04	
morning max el	-2780 Feb 13 j 08:55	4°♑32'35	27°42'03
	-2780 Mar 03 j 09:37	0°♒	
morning set	-2780 Mar 17 j 07:20	25°♒37'40	
	-2780 Mar 19 j 10:05	0°♓	
max. Earth dist.	-2780 Mar 23 j 06:39	8°♓13'13	1.32703 AU
superior conj	-2780 Mar 24 j 16:25	11°♓16'18	0°-18'-3
minimum elong	-2780 Mar 24 j 17:15	11°♓20'47	0°17'55
asc. node	-2780 Mar 26 j 09:51	15°♓01'51	
evening rise	-2780 Mar 31 j 16:54	26°♓26'09	
	-2780 Apr 02 j 09:55	0°♈	
	-2780 Apr 20 j 03:00	0°♉	
evening max el	-2780 Apr 26 j 03:19	6°♉44'59	24°35'28
desc. node	-2780 May 07 j 00:21	13°♉26'22	
retrograde	-2780 May 10 j 02:31	13°♉48'24	
evening set	-2780 May 14 j 20:28	12°♉57'25	
min. Earth dist.	-2780 May 20 j 15:16	10°♉00'17	0.56987 AU
inferior conj	-2780 May 23 j 10:42	8°♉11'09	-3°-51'-22
minimum elong	-2780 May 23 j 05:27	8°♉19'42	3°50'24
morning rise	-2780 May 31 j 18:31	4°♉04'10	
direct	-2780 Jun 03 j 06:37	3°♉46'41	
morning max el	-2780 Jun 12 j 12:53	8°♉05'01	19°23'38
asc. node	-2780 Jun 22 j 09:17	21°♉32'52	
	-2780 Jun 26 j 23:00	0°♊	
morning set	-2780 Jun 29 j 16:48	5°♊23'45	
superior conj	-2780 Jul 07 j 22:05	21°♊46'21	1°47'19
minimum elong	-2780 Jul 07 j 21:06	21°♊41'32	1°47'22
	-2780 Jul 12 j 04:59	0°♋	
max. Earth dist.	-2780 Jul 14 j 01:12	3°♋25'50	1.37840 AU
evening rise	-2780 Jul 17 j 22:28	10°♋26'57	
	-2780 Jul 29 j 17:16	0°♌	
desc. node	-2780 Aug 02 j 23:37	6°♌28'50	
	-2780 Aug 21 j 01:28	0°♍	
evening max el	-2780 Aug 22 j 17:23	1°♍41'55	25°05'20
retrograde	-2780 Sep 03 j 12:12	8°♍32'26	
evening set	-2780 Sep 09 j 06:22	6°♍06'12	
min. Earth dist.	-2780 Sep 13 j 19:04	0°♍58'42	0.67052 AU
inferior conj	-2780 Sep 14 j 17:08	29°♌46'06	-1°-13'-53
minimum elong	-2780 Sep 14 j 18:54	29°♌40'17	1°13'07
	-2780 Sep 14 j 12:55	30°℞♌	
asc. node	-2780 Sep 18 j 08:27	25°♌22'57	
morning rise	-2780 Sep 20 j 07:54	23°♌42'27	
direct	-2780 Sep 23 j 19:15	22°♌32'35	
morning max el	-2780 Oct 01 j 06:53	26°♌51'18	19°49'10
	-2780 Oct 04 j 02:06	0°♍	
greatest brilliancy	-2780 Oct 09 j 04:32	6°♍45'20	-0.6m
	-2780 Oct 24 j 16:03	0°♎	
morning set	-2780 Oct 26 j 18:27	3°♎14'55	
desc. node	-2780 Oct 29 j 23:09	8°♎12'49	
max. Earth dist.	-2780 Nov 07 j 23:09	22°♎22'25	1.44111 AU
superior conj	-2780 Nov 12 j 12:01	29°♎38'46	-1°-19'-52
minimum elong	-2780 Nov 12 j 04:36	29°♎08'50	1°19'09
	-2780 Nov 12 j 17:16	0°♏	
evening rise	-2780 Nov 26 j 04:07	22°♏19'54	
	-2780 Nov 30 j 16:25	0°♐	
evening max el	-2780 Dec 14 j 12:45	20°♐35'07	18°17'56
asc. node	-2780 Dec 15 j 07:32	21°♐20'35	
retrograde	-2780 Dec 21 j 01:30	24°♐07'28	
evening set	-2780 Dec 23 j 21:30	23°♐24'55	
inferior conj	-2780 Dec 30 j 01:42	17°♐59'15	3°44'49
minimum elong	-2780 Dec 29 j 23:24	18°♐05'40	3°44'25
min. Earth dist.	-2779 Jan 01 j 10:29	15°♐22'14	0.63602 AU
morning rise	-2779 Jan 04 j 23:43	11°♐58'55	
direct	-2779 Jan 11 j 23:47	9°♐11'32	
morning max el	-2779 Jan 25 j 16:21	16°♐57'30	27°36'21
desc. node	-2779 Jan 25 j 22:27	17°♐12'41	
	-2779 Feb 05 j 13:53	0°♑	
	-2779 Feb 24 j 03:04	0°♒	
morning set	-2779 Mar 01 j 05:41	9°♒49'53	
max. Earth dist.	-2779 Mar 06 j 11:42	20°♒36'02	1.33298 AU
superior conj	-2779 Mar 09 j 00:12	25°♒57'18	0°-43'-33
minimum elong	-2779 Mar 09 j 02:10	26°♒07'50	0°43'14
	-2779 Mar 10 j 21:25	0°♓	
asc. node	-2779 Mar 13 j 06:53	5°♓09'06	
evening rise	-2779 Mar 16 j 04:30	11°♓19'16	
	-2779 Mar 25 j 20:45	0°♈	
evening max el	-2779 Apr 07 j 19:15	17°♈25'36	23°01'27
retrograde	-2779 Apr 21 j 03:33	24°♈00'48	
desc. node	-2779 Apr 23 j 21:24	23°♈44'15	
evening set	-2779 Apr 24 j 13:29	23°♈35'21	
min. Earth dist.	-2779 May 02 j 05:20	20°♈10'55	0.55638 AU
inferior conj	-2779 May 03 j 18:56	19°♈16'17	-2°-37'-3
minimum elong	-2779 May 03 j 12:49	19°♈25'12	2°35'16
morning rise	-2779 May 12 j 15:01	15°♈19'54	
direct	-2779 May 15 j 05:37	15°♈03'37	
morning max el	-2779 May 26 j 02:36	20°♈07'16	20°33'44
	-2779 Jun 03 j 01:14	0°♉	
asc. node	-2779 Jun 09 j 06:21	10°♉46'04	
morning set	-2779 Jun 13 j 22:22	20°♉00'39	
	-2779 Jun 18 j 18:40	0°♊	
superior conj	-2779 Jun 21 j 14:51	5°♊49'33	1°39'04
minimum elong	-2779 Jun 21 j 12:40	5°♊38'28	1°38'58
max. Earth dist.	-2779 Jun 26 j 08:06	15°♊14'03	1.36075 AU
evening rise	-2779 Jun 30 j 12:13	23°♊10'11	
	-2779 Jul 04 j 06:36	0°♋	
desc. node	-2779 Jul 20 j 20:37	26°♋27'34	
	-2779 Jul 23 j 09:31	0°♌	
evening max el	-2779 Aug 05 j 04:39	15°♌15'55	26°12'34
retrograde	-2779 Aug 17 j 19:25	22°♌25'51	
evening set	-2779 Aug 24 j 04:06	19°♌45'44	
min. Earth dist.	-2779 Aug 28 j 08:35	15°♌16'09	0.66353 AU
inferior conj	-2779 Aug 29 j 18:24	13°♌31'02	-2°-6'-39
minimum elong	-2779 Aug 29 j 21:22	13°♌21'49	2°05'30
morning rise	-2779 Sep 04 j 15:28	7°♌38'07	
asc. node	-2779 Sep 05 j 05:32	7°♌19'22	
direct	-2779 Sep 07 j 17:33	6°♌43'29	
morning max el	-2779 Sep 14 j 14:48	10°♌35'39	18°55'39
	-2779 Sep 28 j 12:34	0°♍	
morning set	-2779 Oct 06 j 08:10	12°♍20'05	
desc. node	-2779 Oct 16 j 20:09	28°♍53'39	
	-2779 Oct 17 j 13:01	0°♎	
max. Earth dist.	-2779 Oct 21 j 16:08	6°♎30'10	1.44820 AU
superior conj	-2779 Oct 22 j 17:09	8°♎08'47	0°-37'-3
minimum elong	-2779 Oct 22 j 12:24	7°♎50'02	0°36'28
	-2779 Nov 05 j 10:23	0°♏	
evening rise	-2779 Nov 07 j 06:24	2°♏57'47	
	-2779 Nov 24 j 15:32	0°♐	
evening max el	-2779 Nov 28 j 00:23	3°♐59'23	18°46'03
asc. node	-2779 Dec 02 j 04:37	7°♐11'02	
retrograde	-2779 Dec 04 j 18:19	7°♐47'15	
evening set	-2779 Dec 07 j 19:38	6°♐54'09	
inferior conj	-2779 Dec 13 j 16:21	1°♐10'40	3°16'39
minimum elong	-2779 Dec 13 j 13:21	1°♐19'46	3°15'52
	-2779 Dec 14 j 15:34	30°℞♏	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

min. Earth dist.	-2779 Dec 15 j 10:07	29°♏04'05	0.65084 AU
morning rise	-2779 Dec 19 j 06:00	25°♏02'36	
direct	-2779 Dec 25 j 22:09	22°♏12'25	
morning max el	-2778 Jan 08 j 01:53	29°♏49'59	26°57'48
	-2778 Jan 08 j 05:53	0°♐	
desc. node	-2778 Jan 12 j 19:31	5°♐00'15	
	-2778 Jan 30 j 11:47	0°♑	
morning set	-2778 Feb 12 j 18:05	23°♑27'43	
	-2778 Feb 16 j 02:07	0°♒	
max. Earth dist.	-2778 Feb 17 j 07:13	2°♒26'18	1.34321 AU
superior conj	-2778 Feb 21 j 03:05	10°♒18'55	-1°-7'-56
minimum elong	-2778 Feb 21 j 06:00	10°♒34'05	1°07'31
asc. node	-2778 Feb 28 j 03:55	25°♒07'04	
evening rise	-2778 Feb 28 j 14:33	26°♒02'24	
	-2778 Mar 02 j 12:46	0°♓	
evening max el	-2778 Mar 20 j 16:25	28°♓16'49	21°30'05
	-2778 Mar 22 j 15:10	0°♈	
retrograde	-2778 Apr 01 j 18:27	4°♈06'55	
evening set	-2778 Apr 04 j 07:15	3°♈52'21	
desc. node	-2778 Apr 10 j 18:30	1°♈25'28	
	-2778 Apr 13 j 08:59	30°℞♓	
inferior conj	-2778 Apr 13 j 15:00	29°♓51'34	0°-47'-54
minimum elong	-2778 Apr 13 j 12:45	29°♓54'43	0°47'07
min. Earth dist.	-2778 Apr 13 j 18:49	29°♓46'12	0.55109 AU
morning rise	-2778 Apr 22 j 18:32	25°♓50'15	
direct	-2778 Apr 25 j 17:48	25°♓30'56	
	-2778 May 06 j 13:40	0°♈	
morning max el	-2778 May 08 j 05:25	1°♈27'14	22°01'33
	-2778 May 26 j 22:50	0°♉	
asc. node	-2778 May 27 j 03:22	0°♉22'47	
morning set	-2778 May 29 j 07:55	4°♉51'54	
superior conj	-2778 Jun 05 j 15:58	20°♉19'24	1°25'04
minimum elong	-2778 Jun 05 j 13:21	20°♉05'39	1°24'49
max. Earth dist.	-2778 Jun 09 j 00:02	27°♉14'23	1.34637 AU
	-2778 Jun 10 j 08:40	0°♊	
evening rise	-2778 Jun 13 j 18:12	6°♊42'50	
	-2778 Jun 26 j 21:55	0°♋	
desc. node	-2778 Jul 07 j 17:38	15°♋57'28	
evening max el	-2778 Jul 18 j 16:13	28°♋43'24	27°01'14
	-2778 Jul 20 j 01:03	0°♌	
retrograde	-2778 Jul 31 j 21:20	6°♌03'16	
evening set	-2778 Aug 07 j 18:05	3°♌16'38	
	-2778 Aug 11 j 02:43	30°℞♋	
min. Earth dist.	-2778 Aug 11 j 15:02	29°♋25'37	0.65287 AU
inferior conj	-2778 Aug 13 j 13:57	27°♋10'42	-2°-56'-2
minimum elong	-2778 Aug 13 j 17:48	26°♋59'39	2°54'48
morning rise	-2778 Aug 19 j 18:48	21°♋31'52	
direct	-2778 Aug 22 j 13:56	20°♋49'10	
asc. node	-2778 Aug 23 j 02:36	20°♋50'42	
morning max el	-2778 Aug 29 j 03:33	24°♋23'48	18°18'26
	-2778 Sep 02 j 17:23	0°♌	
morning set	-2778 Sep 17 j 01:01	22°♌45'13	
	-2778 Sep 21 j 11:09	0°♍	
superior conj	-2778 Oct 01 j 18:00	16°♍31'46	0°12'36
minimum elong	-2778 Oct 01 j 19:36	16°♍38'07	0°12'24
behind sun begin	-2778 Oct 01 j 12:20	16°♍09'16	
behind sun end	-2778 Oct 02 j 02:52	17°♍06'56	
desc. node	-2778 Oct 03 j 17:08	19°♍38'18	
max. Earth dist.	-2778 Oct 04 j 10:49	20°♍48'05	1.44793 AU
	-2778 Oct 10 j 07:16	0°♎	
evening rise	-2778 Oct 18 j 08:18	12°♎34'34	
	-2778 Oct 29 j 13:48	0°♏	
greatest brilliancy	-2778 Nov 02 j 13:57	6°♏00'46	-0.7m
evening max el	-2778 Nov 11 j 08:35	17°♏25'56	19°30'58
retrograde	-2778 Nov 18 j 14:45	21°♏38'17	
asc. node	-2778 Nov 19 j 01:40	21°♏37'05	
evening set	-2778 Nov 21 j 23:12	20°♏32'34	
inferior conj	-2778 Nov 27 j 14:25	14°♏34'23	2°38'37
minimum elong	-2778 Nov 27 j 11:28	14°♏43'57	2°37'38
min. Earth dist.	-2778 Nov 28 j 18:22	13°♏03'47	0.66191 AU
morning rise	-2778 Dec 02 j 23:01	8°♏20'56	
direct	-2778 Dec 09 j 02:24	5°♏40'01	
morning max el	-2778 Dec 21 j 11:21	12°♏58'05	25°53'42
desc. node	-2778 Dec 30 j 16:35	23°♏44'50	
	-2777 Jan 04 j 07:06	0°♐	
	-2777 Jan 23 j 04:26	0°♑	
morning set	-2777 Jan 26 j 16:15	6°♑18'21	
max. Earth dist.	-2777 Jan 30 j 15:05	13°♑44'38	1.35785 AU
superior conj	-2777 Feb 04 j 22:33	24°♑13'26	-1°-29'-40
minimum elong	-2777 Feb 05 j 01:54	24°♑30'22	1°29'20
	-2777 Feb 07 j 18:37	0°♒	
evening rise	-2777 Feb 12 j 21:05	10°♒29'08	
asc. node	-2777 Feb 15 j 00:56	14°♒50'53	
	-2777 Feb 23 j 09:23	0°♓	
evening max el	-2777 Mar 02 j 23:25	9°♓39'25	20°11'45
retrograde	-2777 Mar 13 j 09:44	14°♓37'35	
evening set	-2777 Mar 15 j 15:36	14°♓24'46	
inferior conj	-2777 Mar 24 j 12:36	10°♓25'35	1°08'10
minimum elong	-2777 Mar 24 j 15:31	10°♓21'13	1°07'10
min. Earth dist.	-2777 Mar 26 j 08:56	9°♓19'24	0.55521 AU
desc. node	-2777 Mar 28 j 15:34	8°♓02'21	
morning rise	-2777 Apr 02 j 12:54	6°♓01'04	
direct	-2777 Apr 06 j 07:54	5°♓29'37	
morning max el	-2777 Apr 19 j 23:46	12°♓14'01	23°40'00
	-2777 May 03 j 09:52	0°♈	
morning set	-2777 May 13 j 19:36	19°♈51'36	
asc. node	-2777 May 14 j 00:23	20°♈16'39	
	-2777 May 18 j 13:37	0°♉	
superior conj	-2777 May 20 j 22:42	5°♉07'16	1°06'48
minimum elong	-2777 May 20 j 20:14	4°♉54'03	1°06'27
max. Earth dist.	-2777 May 23 j 01:24	9°♉37'53	1.33578 AU
evening rise	-2777 May 28 j 11:56	20°♉51'57	
	-2777 Jun 02 j 05:06	0°♊	
	-2777 Jun 20 j 21:05	0°♋	
desc. node	-2777 Jun 24 j 14:38	4°♋46'11	
evening max el	-2777 Jul 01 j 02:51	11°♋53'12	27°24'12
retrograde	-2777 Jul 14 j 17:44	19°♋16'10	
evening set	-2777 Jul 21 j 21:17	16°♋34'28	
min. Earth dist.	-2777 Jul 25 j 12:32	13°♋18'26	0.63839 AU
inferior conj	-2777 Jul 28 j 01:17	10°♋40'03	-3°-39'-12
minimum elong	-2777 Jul 28 j 05:20	10°♋29'29	3°38'12
morning rise	-2777 Aug 03 j 15:18	5°♋18'33	
direct	-2777 Aug 06 j 05:47	4°♋44'45	
asc. node	-2777 Aug 09 j 23:40	5°♋54'47	
morning max el	-2777 Aug 12 j 18:33	8°♋10'28	17°58'33
	-2777 Aug 27 j 06:37	0°♌	
morning set	-2777 Aug 29 j 20:03	4°♌25'04	
superior conj	-2777 Sep 11 j 12:18	25°♌48'58	0°56'22
minimum elong	-2777 Sep 11 j 17:39	26°♌10'55	0°55'47
	-2777 Sep 14 j 01:56	0°♍	
max. Earth dist.	-2777 Sep 17 j 03:24	4°♍55'28	1.44047 AU
desc. node	-2777 Sep 20 j 14:06	10°♍23'42	
evening rise	-2777 Sep 27 j 16:12	21°♍27'00	
	-2777 Oct 03 j 06:05	0°♎	
greatest brilliancy	-2777 Oct 19 j 06:22	23°♎22'38	-0.5m
	-2777 Oct 24 j 15:43	0°♏	
evening max el	-2777 Oct 25 j 11:33	0°♏52'34	20°30'41
retrograde	-2777 Nov 02 j 12:10	5°♏36'42	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2777 Nov 05 j 22:43	4°♏28'28	
evening set	-2777 Nov 06 j 05:54	4°♏16'00	
	-2777 Nov 10 j 07:24	30°℞♎	
inferior conj	-2777 Nov 11 j 17:24	28°♎06'39	1°53'39
minimum elong	-2777 Nov 11 j 15:01	28°♎14'41	1°52'43
min. Earth dist.	-2777 Nov 12 j 09:10	27°♎13'15	0.66946 AU
morning rise	-2777 Nov 16 j 23:38	21°♎50'13	
direct	-2777 Nov 22 j 12:05	19°♎26'30	
morning max el	-2777 Dec 03 j 19:58	26°♎11'45	24°33'13
	-2777 Dec 07 j 08:16	0°♏	
desc. node	-2777 Dec 17 j 13:36	13°♏09'22	
	-2777 Dec 28 j 21:14	0°♐	
morning set	-2776 Jan 08 j 18:29	18°♐05'00	
max. Earth dist.	-2776 Jan 12 j 13:04	24°♐49'12	1.37645 AU
	-2776 Jan 15 j 08:29	0°♑	
superior conj	-2776 Jan 19 j 07:15	7°♑30'45	-1°-46'-43
minimum elong	-2776 Jan 19 j 10:10	7°♑44'50	1°46'35
evening rise	-2776 Jan 27 j 21:49	24°♑31'53	
	-2776 Jan 30 j 16:35	0°♒	
asc. node	-2776 Feb 01 j 21:57	4°♒14'10	
evening max el	-2776 Feb 13 j 17:06	21°♒38'23	19°11'31
retrograde	-2776 Feb 22 j 12:53	25°♒51'30	
evening set	-2776 Feb 24 j 20:19	25°♒35'26	
inferior conj	-2776 Mar 04 j 00:27	21°♒24'09	2°40'29
minimum elong	-2776 Mar 04 j 05:17	21°♒15'55	2°39'11
min. Earth dist.	-2776 Mar 07 j 00:18	19°♒22'36	0.56779 AU
morning rise	-2776 Mar 12 j 10:19	16°♒28'25	
desc. node	-2776 Mar 14 j 12:39	15°♒50'14	
direct	-2776 Mar 17 j 09:50	15°♒30'38	
morning max el	-2776 Mar 31 j 14:41	22°♒47'56	25°17'01
	-2776 Apr 07 j 00:17	0°♓	
	-2776 Apr 24 j 23:01	0°♈	
morning set	-2776 Apr 27 j 07:42	4°♈53'02	
asc. node	-2776 Apr 29 j 21:24	10°♈21'28	
superior conj	-2776 May 04 j 08:47	20°♈05'03	0°45'24
minimum elong	-2776 May 04 j 06:55	19°♈54'54	0°45'03
max. Earth dist.	-2776 May 05 j 10:05	22°♈22'34	1.32886 AU
	-2776 May 08 j 23:19	0°♉	
evening rise	-2776 May 11 j 13:49	5°♉25'46	
	-2776 May 24 j 20:27	0°♊	
desc. node	-2776 Jun 10 j 11:41	22°♊36'19	
evening max el	-2776 Jun 12 j 10:33	24°♊33'34	27°16'16
	-2776 Jun 19 j 14:09	0°♋	
retrograde	-2776 Jun 26 j 07:50	1°♋55'13	
	-2776 Jul 02 j 16:32	30°℞♊	
evening set	-2776 Jul 03 j 09:52	29°♊32'38	
min. Earth dist.	-2776 Jul 07 j 00:12	26°♊42'13	0.62047 AU
inferior conj	-2776 Jul 10 j 01:25	23°♊52'35	-4°-11'-46
minimum elong	-2776 Jul 10 j 04:31	23°♊45'21	4°11'17
morning rise	-2776 Jul 17 j 01:47	18°♊51'03	
direct	-2776 Jul 19 j 13:47	18°♊23'40	
morning max el	-2776 Jul 26 j 09:05	21°♊49'25	17°56'57
asc. node	-2776 Jul 26 j 20:43	22°♊18'41	
	-2776 Aug 01 j 15:43	0°♋	
morning set	-2776 Aug 11 j 11:56	17°♋04'56	
	-2776 Aug 18 j 16:57	0°♌	
superior conj	-2776 Aug 22 j 09:54	6°♌27'15	1°27'00
minimum elong	-2776 Aug 22 j 14:46	6°♌48'14	1°26'38
max. Earth dist.	-2776 Aug 29 j 15:30	18°♌36'04	1.42694 AU
evening rise	-2776 Sep 05 j 23:06	0°♍19'56	
	-2776 Sep 05 j 18:01	0°♍	
desc. node	-2776 Sep 06 j 11:05	1°♍06'55	
	-2776 Sep 25 j 21:18	0°♎	
greatest brilliancy	-2776 Oct 02 j 10:43	8°♎42'21	-0.4m
evening max el	-2776 Oct 07 j 08:35	14°♎19'23	21°42'12
retrograde	-2776 Oct 16 j 08:35	19°♎40'13	
evening set	-2776 Oct 20 j 13:51	18°♎02'11	
asc. node	-2776 Oct 22 j 19:47	15°♎50'29	
inferior conj	-2776 Oct 25 j 23:12	11°♎45'16	1°03'57
minimum elong	-2776 Oct 25 j 21:46	11°♎50'13	1°03'21
min. Earth dist.	-2776 Oct 26 j 04:03	11°♎28'30	0.67374 AU
morning rise	-2776 Oct 31 j 05:24	5°♎28'41	
direct	-2776 Nov 05 j 02:32	3°♎26'08	
morning max el	-2776 Nov 15 j 05:32	9°♎28'23	23°06'25
greatest brilliancy	-2776 Nov 20 j 05:29	15°♎05'25	-0.3m
	-2776 Dec 01 j 08:13	0°♏	
desc. node	-2776 Dec 03 j 10:38	3°♏02'37	
morning set	-2776 Dec 19 j 18:39	28°♏32'22	
	-2776 Dec 20 j 15:39	0°♐	
max. Earth dist.	-2776 Dec 24 j 08:22	6°♐17'03	1.39727 AU
superior conj	-2775 Jan 01 j 00:58	20°♐00'18	-1°-56'-13
minimum elong	-2775 Jan 01 j 02:03	20°♐05'14	1°56'18
	-2775 Jan 06 j 08:54	0°♑	
evening rise	-2775 Jan 10 j 14:05	8°♑04'18	
asc. node	-2775 Jan 18 j 18:59	23°♑10'04	
	-2775 Jan 23 j 05:59	0°♒	
evening max el	-2775 Jan 26 j 19:46	4°♒09'45	18°31'05
retrograde	-2775 Feb 03 j 10:15	7°♒52'47	
evening set	-2775 Feb 05 j 21:19	7°♒30'44	
inferior conj	-2775 Feb 13 j 08:32	2°♒59'37	3°36'02
minimum elong	-2775 Feb 13 j 11:51	2°♒53'03	3°35'28
min. Earth dist.	-2775 Feb 16 j 18:16	0°♒18'58	0.58607 AU
	-2775 Feb 17 j 04:28	30°℞♑	
morning rise	-2775 Feb 20 j 22:44	27°♑37'14	
direct	-2775 Feb 27 j 01:10	26°♑02'09	
desc. node	-2775 Mar 01 j 09:45	26°♑16'10	
	-2775 Mar 09 j 03:16	0°♒	
morning max el	-2775 Mar 13 j 07:57	3°♒36'26	26°37'36
	-2775 Apr 01 j 11:19	0°♓	
morning set	-2775 Apr 11 j 18:34	19°♓50'13	
asc. node	-2775 Apr 16 j 18:25	0°♈32'36	
	-2775 Apr 16 j 12:26	0°♈	
superior conj	-2775 Apr 18 j 20:24	5°♈06'07	0°21'45
minimum elong	-2775 Apr 18 j 19:27	5°♈00'53	0°21'33
max. Earth dist.	-2775 Apr 18 j 22:48	5°♈19'14	1.32546 AU
evening rise	-2775 Apr 25 j 21:07	20°♈14'57	
	-2775 Apr 30 j 17:16	0°♉	
	-2775 May 19 j 13:18	0°♊	
evening max el	-2775 May 25 j 12:59	6°♊34'06	26°35'25
desc. node	-2775 May 28 j 08:44	9°♊03'08	
retrograde	-2775 Jun 08 j 13:59	13°♊51'54	
evening set	-2775 Jun 15 j 03:29	12°♊01'42	
min. Earth dist.	-2775 Jun 19 j 02:22	9°♊21'52	0.60036 AU
inferior conj	-2775 Jun 22 j 10:48	6°♊39'18	-4°-26'-55
minimum elong	-2775 Jun 22 j 11:22	6°♊38'07	4°26'50
morning rise	-2775 Jun 29 j 22:36	1°♊59'44	
direct	-2775 Jul 02 j 10:03	1°♊36'55	
morning max el	-2775 Jul 09 j 20:12	5°♊12'40	18°14'37
asc. node	-2775 Jul 13 j 17:47	9°♊46'36	
morning set	-2775 Jul 25 j 19:14	0°♋30'11	
	-2775 Jul 25 j 12:50	0°♋	
superior conj	-2775 Aug 04 j 09:11	18°♋21'55	1°43'44
minimum elong	-2775 Aug 04 j 11:40	18°♋33'09	1°43'41
	-2775 Aug 10 j 23:24	0°♌	
max. Earth dist.	-2775 Aug 11 j 22:13	1°♌37'32	1.40918 AU
evening rise	-2775 Aug 16 j 23:14	10°♌02'00	
desc. node	-2775 Aug 24 j 08:05	21°♌43'53	
	-2775 Aug 29 j 19:14	0°♍	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

greatest brilliancy	-2775 Sep 14 j 18:59	21°♍55'57	-0.3m	
evening max el	-2775 Sep 20 j 00:09	27°♍46'38	23°01'08	
	-2775 Sep 22 j 09:09	0°♎		
retrograde	-2775 Sep 30 j 02:29	3°♎45'35		
evening set	-2775 Oct 04 j 21:16	1°♎48'26		
	-2775 Oct 06 j 17:30	30°℞♍		
asc. node	-2775 Oct 09 j 16:53	26°♍12'32		
inferior conj	-2775 Oct 10 j 05:58	25°♍27'32	0°11'16	
minimum elong	-2775 Oct 10 j 05:42	25°♍28'27	0°11'09	
transit middle	-2775 Oct 10 j 05:42	25°♍28'27	0°11'09	
transit begin	-2775 Oct 10 j 03:44	25°♍35'15		
transit end	-2775 Oct 10 j 07:41	25°♍21'39		
min. Earth dist.	-2775 Oct 10 j 00:31	25°♍46'20	0.67494 AU	
morning rise	-2775 Oct 15 j 14:07	19°♍13'45		
direct	-2775 Oct 19 j 20:47	17°♍33'12		
morning max el	-2775 Oct 28 j 19:27	22°♍50'21	21°42'07	
greatest brilliancy	-2775 Nov 02 j 18:52	28°♍31'39	-0.4m	
	-2775 Nov 03 j 22:49	0°♎		
desc. node	-2775 Nov 20 j 07:39	23°♎15'47		
	-2775 Nov 24 j 17:26	0°♏		
morning set	-2775 Nov 29 j 13:56	7°♏36'30		
max. Earth dist.	-2775 Dec 06 j 08:46	18°♏36'45	1.41743 AU	
	-2775 Dec 13 j 02:02	0°♐		
superior conj	-2775 Dec 13 j 22:17	1°♐28'01	-1°-54'-30	
minimum elong	-2775 Dec 13 j 19:53	1°♐17'35	1°54'31	
evening rise	-2775 Dec 24 j 18:28	20°♐58'39		
	-2775 Dec 29 j 17:21	0°♑		
asc. node	-2774 Jan 05 j 16:02	11°♑29'52		
evening max el	-2774 Jan 10 j 04:34	17°♑05'06	18°10'40	
retrograde	-2774 Jan 17 j 01:20	20°♑34'00		
evening set	-2774 Jan 19 j 15:37	20°♑04'45		
inferior conj	-2774 Jan 26 j 12:29	15°♑11'24	3°58'04	
minimum elong	-2774 Jan 26 j 13:09	15°♑09'52	3°57'58	
min. Earth dist.	-2774 Jan 29 j 17:48	12°♑15'09	0.60641 AU	
morning rise	-2774 Feb 02 j 07:56	9°♑29'56		
direct	-2774 Feb 09 j 03:23	7°♑17'58		
desc. node	-2774 Feb 16 j 06:51	9°♑28'04		
morning max el	-2774 Feb 23 j 07:14	15°♑00'33	27°28'52	
	-2774 Mar 07 j 11:31	0°♒		
	-2774 Mar 24 j 19:57	0°♓		
morning set	-2774 Mar 27 j 02:24	4°♓36'49		
max. Earth dist.	-2774 Apr 02 j 11:50	18°♓14'59	1.32545 AU	
superior conj	-2774 Apr 03 j 07:54	20°♓04'37	0°-3'-19	
minimum elong	-2774 Apr 03 j 08:03	20°♓05'27	0°03'19	
behind sun begin	-2774 Apr 03 j 03:07	19°♓38'26		
behind sun end	-2774 Apr 03 j 13:00	20°♓32'28		
asc. node	-2774 Apr 03 j 15:28	20°♓45'56		
	-2774 Apr 07 j 21:09	0°♈		
evening rise	-2774 Apr 10 j 07:35	5°♈11'41		
	-2774 Apr 23 j 13:35	0°♉		
evening max el	-2774 May 07 j 08:59	17°♉52'19	25°25'16	
desc. node	-2774 May 15 j 05:48	23°♉34'11		
retrograde	-2774 May 21 j 10:23	25°♉03'15		
evening set	-2774 May 26 j 23:08	23°♉51'31		
min. Earth dist.	-2774 May 31 j 21:06	21°♉05'18	0.58027 AU	
inferior conj	-2774 Jun 04 j 01:57	18°♉51'02	-4°-14'-55	
minimum elong	-2774 Jun 03 j 22:43	18°♉56'44	4°14'32	
morning rise	-2774 Jun 12 j 02:15	14°♉33'26		
direct	-2774 Jun 14 j 14:11	14°♉14'09		
morning max el	-2774 Jun 23 j 01:05	18°♉12'20	18°52'31	
asc. node	-2774 Jun 30 j 14:52	28°♉04'45		
	-2774 Jul 01 j 18:38	0°♊		
morning set	-2774 Jul 09 j 13:41	14°♊30'17		
	-2774 Jul 17 j 12:15	0°♋		
superior conj	-2774 Jul 18 j 04:47	1°♋18'59	1°48'43	
minimum elong	-2774 Jul 18 j 04:52	1°♋19'22	1°48'47	
max. Earth dist.	-2774 Jul 25 j 01:04	13°♋57'50	1.38955 AU	
evening rise	-2774 Jul 29 j 00:57	20°♋57'49		
	-2774 Aug 03 j 10:40	0°♌		
desc. node	-2774 Aug 11 j 05:04	12°♌10'42		
	-2774 Aug 23 j 20:17	0°♍		
evening max el	-2774 Sep 02 j 12:10	11°♍16'22	24°21'20	
retrograde	-2774 Sep 13 j 16:49	17°♍50'06		
evening set	-2774 Sep 19 j 02:26	15°♍33'42		
min. Earth dist.	-2774 Sep 23 j 20:07	10°♍05'45	0.67309 AU	
inferior conj	-2774 Sep 24 j 12:00	9°♍12'19	0°-42'-46	
minimum elong	-2774 Sep 24 j 13:02	9°♍08'52	0°42'19	
asc. node	-2774 Sep 26 j 13:59	6°♍29'15		
morning rise	-2774 Sep 29 j 23:54	3°♍04'18		
direct	-2774 Oct 03 j 17:41	1°♍44'09		
morning max el	-2774 Oct 11 j 16:23	6°♍21'34	20°26'46	
greatest brilliancy	-2774 Oct 18 j 03:40	14°♍08'22	-0.5m	
	-2774 Oct 29 j 04:24	0°♎		
desc. node	-2774 Nov 07 j 04:39	13°♎43'02		
morning set	-2774 Nov 08 j 13:26	15°♎49'48		
	-2774 Nov 17 j 13:27	0°♏		
max. Earth dist.	-2774 Nov 18 j 16:58	1°♏50'25	1.43403 AU	
superior conj	-2774 Nov 24 j 17:45	11°♏41'16	-1°-37'-33	
minimum elong	-2774 Nov 24 j 11:26	11°♏15'05	1°37'06	
	-2774 Dec 05 j 12:05	0°♐		
evening rise	-2774 Dec 07 j 06:54	3°♐06'47		
asc. node	-2774 Dec 23 j 13:07	29°♐02'35		
	-2774 Dec 24 j 10:11	0°♑		
evening max el	-2774 Dec 24 j 16:35	0°♑16'21	18°09'49	
retrograde	-2774 Dec 31 j 05:50	3°♑44'31		
evening set	-2773 Jan 02 j 23:27	3°♑07'12		
	-2773 Jan 07 j 06:19	30°℞♐		
inferior conj	-2773 Jan 09 j 08:56	27°♐52'34	3°54'59	
minimum elong	-2773 Jan 09 j 07:27	27°♐56'28	3°54'47	
min. Earth dist.	-2773 Jan 12 j 02:04	25°♐03'26	0.62589 AU	
morning rise	-2773 Jan 15 j 13:30	21°♐57'43		
direct	-2773 Jan 22 j 14:31	19°♐19'13		
desc. node	-2773 Feb 03 j 03:57	24°♐54'21		
morning max el	-2773 Feb 05 j 12:33	27°♐05'53	27°44'07	
	-2773 Feb 08 j 07:04	0°♑		
	-2773 Mar 01 j 01:53	0°♒		
morning set	-2773 Mar 11 j 04:58	19°♒04'20		
	-2773 Mar 16 j 10:54	0°♓		
max. Earth dist.	-2773 Mar 16 j 21:06	0°♓54'28	1.32909 AU	
superior conj	-2773 Mar 18 j 17:32	4°♓53'42	0°-28'-55	
minimum elong	-2773 Mar 18 j 18:52	5°♓00'51	0°28'42	
asc. node	-2773 Mar 21 j 12:29	10°♓56'34		
evening rise	-2773 Mar 25 j 19:17	20°♓07'57		
	-2773 Mar 30 j 15:41	0°♈		
evening max el	-2773 Apr 19 j 00:35	28°♈38'39	23°55'54	
	-2773 Apr 20 j 12:09	0°♉		
desc. node	-2773 May 02 j 02:53	5°♉31'43		
retrograde	-2773 May 02 j 19:01	5°♉32'45		
evening set	-2773 May 06 j 23:01	4°♉54'15		
min. Earth dist.	-2773 May 13 j 11:50	1°♉47'04	0.56332 AU	
inferior conj	-2773 May 15 j 20:50	0°♉19'38	-3°-25'-1	
minimum elong	-2773 May 15 j 14:40	0°♉29'09	3°23'36	
	-2773 May 16 j 09:37	30°℞♈		
morning rise	-2773 May 24 j 10:11	26°♈19'06		
direct	-2773 May 26 j 23:01	26°♈02'28		
	-2773 Jun 05 j 04:02	0°♉		
morning max el	-2773 Jun 05 j 20:59	0°♉37'59	19°51'05	
asc. node	-2773 Jun 17 j 11:55	17°♉00'22		
morning set	-2773 Jun 23 j 15:54	28°♉55'31		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2773 Jun 24 j 04:41	0°♊		
superior conj	-2773 Jul 01 j 15:07	15°♊01'49	1°44'37	
minimum elong	-2773 Jul 01 j 13:31	14°♊53'55	1°44'38	
max. Earth dist.	-2773 Jul 07 j 04:26	25°♊48'47	1.37055 AU	
	-2773 Jul 09 j 10:19	0°♋		
evening rise	-2773 Jul 11 j 02:53	3°♋04'59		
	-2773 Jul 27 j 11:42	0°♌		
desc. node	-2773 Jul 29 j 02:05	2°♌21'32		
evening max el	-2773 Aug 15 j 22:59	24°♌48'36	25°35'37	
	-2773 Aug 22 j 09:53	0°♍		
retrograde	-2773 Aug 28 j 02:55	1°♍49'04		
	-2773 Sep 02 j 05:21	30°℞♌		
evening set	-2773 Sep 03 j 03:30	29°♌15'54		
min. Earth dist.	-2773 Sep 07 j 12:31	24°♌24'33	0.66798 AU	
inferior conj	-2773 Sep 08 j 15:32	22°♌57'36	-1°-36'-32	
minimum elong	-2773 Sep 08 j 17:50	22°♌50'11	1°35'35	
asc. node	-2773 Sep 13 j 11:05	17°♌37'20		
morning rise	-2773 Sep 14 j 08:49	16°♌58'22		
direct	-2773 Sep 17 j 15:52	15°♌55'34		
morning max el	-2773 Sep 24 j 20:40	20°♌01'56	19°24'31	
	-2773 Oct 02 j 17:13	0°♍		
greatest brilliancy	-2773 Oct 04 j 10:08	2°♍28'42	-0.7m	
morning set	-2773 Oct 18 j 15:36	24°♍18'25		
	-2773 Oct 22 j 07:09	0°♎		
desc. node	-2773 Oct 25 j 01:38	4°♎19'53		
max. Earth dist.	-2773 Nov 01 j 07:09	15°♎42'12	1.44492 AU	
superior conj	-2773 Nov 04 j 10:24	20°♎40'59	-1°-3'-17	
minimum elong	-2773 Nov 04 j 03:22	20°♎12'56	1°02'31	
	-2773 Nov 10 j 05:32	0°♏		
evening rise	-2773 Nov 18 j 22:48	14°♏19'45		
	-2773 Nov 28 j 10:19	0°♐		
evening max el	-2773 Dec 08 j 05:03	13°♐37'13	18°27'45	
asc. node	-2773 Dec 10 j 10:11	15°♐34'49		
retrograde	-2773 Dec 14 j 19:18	17°♐15'27		
evening set	-2773 Dec 17 j 17:14	16°♐28'47		
inferior conj	-2773 Dec 23 j 17:59	10°♐55'09	3°34'21	
minimum elong	-2773 Dec 23 j 15:16	11°♐02'59	3°33'47	
min. Earth dist.	-2773 Dec 25 j 20:19	8°♐29'49	0.64267 AU	
morning rise	-2773 Dec 29 j 11:57	4°♐50'56		
direct	-2772 Jan 05 j 09:18	2°♐00'34		
morning max el	-2772 Jan 18 j 21:26	9°♐45'05	27°23'42	
desc. node	-2772 Jan 21 j 01:00	11°♐59'03		
	-2772 Feb 03 j 20:12	0°♑		
	-2772 Feb 21 j 09:43	0°♒		
morning set	-2772 Feb 22 j 23:33	3°♒03'51		
max. Earth dist.	-2772 Feb 27 j 22:31	13°♒04'34	1.33676 AU	
superior conj	-2772 Mar 01 j 23:30	19°♒27'27	0°-54'-7	
minimum elong	-2772 Mar 02 j 01:54	19°♒40'12	0°53'43	
	-2772 Mar 06 j 22:07	0°♓		
asc. node	-2772 Mar 07 j 09:30	1°♓00'32		
evening rise	-2772 Mar 09 j 06:26	4°♓57'36		
	-2772 Mar 23 j 00:46	0°♈		
evening max el	-2772 Mar 30 j 17:51	9°♈20'13	22°21'30	
retrograde	-2772 Apr 12 j 15:29	15°♈38'36		
evening set	-2772 Apr 15 j 14:20	15°♈19'25		
desc. node	-2772 Apr 17 j 23:57	14°♈37'35		
min. Earth dist.	-2772 Apr 24 j 01:43	11°♈39'02	0.55301 AU	
inferior conj	-2772 Apr 24 j 22:33	11°♈09'28	-1°-53'-48	
minimum elong	-2772 Apr 24 j 17:35	11°♈16'32	1°52'11	
morning rise	-2772 May 03 j 22:46	7°♈13'10		
direct	-2772 May 06 j 15:37	6°♈56'31		
morning max el	-2772 May 18 j 06:06	12°♈22'33	21°09'11	
	-2772 May 30 j 23:11	0°♉		
asc. node	-2772 Jun 03 j 08:56	6°♉24'08		
morning set	-2772 Jun 06 j 23:22	13°♉38'48		
superior conj	-2772 Jun 14 j 11:49	29°♉17'29	1°33'44	
minimum elong	-2772 Jun 14 j 09:22	29°♉04'51	1°33'34	
	-2772 Jun 14 j 20:04	0°♊		
max. Earth dist.	-2772 Jun 18 j 14:23	7°♊37'30	1.35419 AU	
evening rise	-2772 Jun 23 j 00:09	16°♊10'49		
	-2772 Jun 30 j 16:24	0°♋		
desc. node	-2772 Jul 14 j 23:06	22°♋09'05		
	-2772 Jul 20 j 22:18	0°♌		
evening max el	-2772 Jul 28 j 10:14	8°♌20'07	26°35'59	
retrograde	-2772 Aug 10 j 08:06	15°♌36'13		
evening set	-2772 Aug 16 j 22:16	12°♌52'07		
min. Earth dist.	-2772 Aug 20 j 23:21	8°♌38'58	0.65941 AU	
inferior conj	-2772 Aug 22 j 14:38	6°♌40'28	-2°-28'-12	
minimum elong	-2772 Aug 22 j 18:02	6°♌30'13	2°26'58	
morning rise	-2772 Aug 28 j 14:50	0°♌53'06		
asc. node	-2772 Aug 30 j 08:10	0°♌12'36		
direct	-2772 Aug 31 j 13:33	0°♌04'07		
morning max el	-2772 Sep 07 j 06:55	3°♌48'09	18°37'42	
	-2772 Sep 25 j 05:35	0°♍		
morning set	-2772 Sep 27 j 16:15	3°♍55'42		
desc. node	-2772 Oct 10 j 22:36	25°♍02'22		
superior conj	-2772 Oct 13 j 10:51	28°♍59'45	0°-16'-2	
minimum elong	-2772 Oct 13 j 08:43	28°♍51'22	0°15'46	
behind sun begin	-2772 Oct 13 j 05:45	28°♍39'43		
behind sun end	-2772 Oct 13 j 11:41	29°♍03'01		
max. Earth dist.	-2772 Oct 14 j 00:36	29°♍53'55	1.44892 AU	
	-2772 Oct 14 j 02:09	0°♎		
evening rise	-2772 Oct 29 j 14:28	24°♎30'10		
	-2772 Nov 02 j 01:21	0°♏		
evening max el	-2772 Nov 20 j 15:27	27°♏02'23	19°03'18	
	-2772 Nov 24 j 06:01	0°♐		
asc. node	-2772 Nov 26 j 07:15	0°♐50'38		
retrograde	-2772 Nov 27 j 13:53	0°♐59'46		
evening set	-2772 Nov 30 j 17:56	0°♐01'44		
	-2772 Nov 30 j 19:04	30°℞♏		
inferior conj	-2772 Dec 06 j 12:06	24°♏11'54	3°01'30	
minimum elong	-2772 Dec 06 j 09:02	24°♏21'27	3°00'37	
min. Earth dist.	-2772 Dec 07 j 23:54	22°♏19'53	0.65597 AU	
morning rise	-2772 Dec 11 j 23:12	18°♏01'09		
direct	-2772 Dec 18 j 10:25	15°♏13'17		
morning max el	-2772 Dec 31 j 06:58	22°♏44'44	26°33'06	
desc. node	-2771 Jan 06 j 22:02	0°♐12'51		
	-2771 Jan 06 j 17:52	0°♐		
	-2771 Jan 27 j 02:39	0°♑		
morning set	-2771 Feb 05 j 06:28	16°♑22'59		
max. Earth dist.	-2771 Feb 09 j 12:45	24°♑38'04	1.34885 AU	
	-2771 Feb 12 j 04:54	0°♒		
superior conj	-2771 Feb 13 j 23:32	3°♒38'11	-1°-17'-36	
minimum elong	-2771 Feb 14 j 02:43	3°♒54'33	1°17'11	
evening rise	-2771 Feb 21 j 15:11	19°♒33'49		
asc. node	-2771 Feb 22 j 06:32	20°♒52'47		
	-2771 Feb 26 j 20:50	0°♓		
evening max el	-2771 Mar 12 j 18:57	20°♓23'22	20°54'50	
retrograde	-2771 Mar 24 j 04:43	25°♓50'53		
evening set	-2771 Mar 26 j 12:55	25°♓37'58		
inferior conj	-2771 Apr 04 j 17:26	21°♓40'24	0°02'31	
minimum elong	-2771 Apr 04 j 17:33	21°♓40'14	0°02'28	
transit middle	-2771 Apr 04 j 17:33	21°♓40'14	0°02'28	
transit begin	-2771 Apr 04 j 13:31	21°♓45'59		
transit end	-2771 Apr 04 j 21:35	21°♓34'28		
desc. node	-2771 Apr 04 j 21:01	21°♓35'17		
min. Earth dist.	-2771 Apr 05 j 15:41	21°♓08'41	0.55171 AU	
morning rise	-2771 Apr 13 j 21:03	17°♓30'40		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

direct	-2771 Apr 17 j 03:21	17°♓07'30	
morning max el	-2771 Apr 30 j 04:46	23°♓26'17	22°42'37
	-2771 May 06 j 00:41	0°♈	
asc. node	-2771 May 21 j 05:57	26°♈08'43	
morning set	-2771 May 22 j 10:02	28°♈34'08	
	-2771 May 23 j 02:27	0°♉	
superior conj	-2771 May 29 j 15:37	13°♉55'54	1°17'47
minimum elong	-2771 May 29 j 13:00	13°♉42'02	1°17'28
max. Earth dist.	-2771 Jun 01 j 10:24	19°♉46'57	1.34143 AU
evening rise	-2771 Jun 06 j 11:40	0°♊00'51	
	-2771 Jun 06 j 11:30	0°♊	
	-2771 Jun 23 j 17:38	0°♋	
desc. node	-2771 Jul 01 j 20:06	11°♋23'24	
evening max el	-2771 Jul 10 j 21:50	21°♋42'35	27°14'36
retrograde	-2771 Jul 24 j 07:51	29°♋04'18	
evening set	-2771 Jul 31 j 08:06	26°♋18'33	
min. Earth dist.	-2771 Aug 04 j 02:24	22°♋42'48	0.64713 AU
inferior conj	-2771 Aug 06 j 07:04	20°♋17'02	-3°-15'-22
minimum elong	-2771 Aug 06 j 11:06	20°♋05'52	3°14'11
morning rise	-2771 Aug 12 j 15:38	14°♋44'53	
direct	-2771 Aug 15 j 08:29	14°♋06'17	
asc. node	-2771 Aug 17 j 05:12	14°♋24'39	
morning max el	-2771 Aug 21 j 20:55	17°♋36'20	18°07'44
	-2771 Aug 30 j 21:25	0°♌	
morning set	-2771 Sep 08 j 20:53	14°♌54'52	
	-2771 Sep 17 j 23:17	0°♍	
superior conj	-2771 Sep 22 j 17:01	7°♍40'03	0°32'29
minimum elong	-2771 Sep 22 j 20:47	7°♍55'08	0°32'02
max. Earth dist.	-2771 Sep 26 j 18:48	14°♍09'46	1.44563 AU
desc. node	-2771 Sep 27 j 19:35	15°♍47'49	
	-2771 Oct 06 j 21:23	0°♎	
evening rise	-2771 Oct 09 j 07:18	3°♎44'29	
	-2771 Oct 26 j 15:38	0°♏	
greatest brilliancy	-2771 Oct 27 j 11:06	1°♏08'58	-0.6m
evening max el	-2771 Nov 03 j 21:42	10°♏29'29	19°54'45
retrograde	-2771 Nov 11 j 10:53	14°♏54'04	
asc. node	-2771 Nov 13 j 04:18	14°♏36'52	
evening set	-2771 Nov 14 j 23:04	13°♏42'17	
inferior conj	-2771 Nov 20 j 12:31	7°♏39'09	2°20'12
minimum elong	-2771 Nov 20 j 09:46	7°♏48'17	2°19'13
min. Earth dist.	-2771 Nov 21 j 11:08	6°♏24'19	0.66563 AU
morning rise	-2771 Nov 25 j 19:50	1°♏24'19	
	-2771 Nov 27 j 17:02	30°℞♎	
direct	-2771 Dec 01 j 17:10	28°♎49'49	
	-2771 Dec 06 j 02:37	0°♏	
morning max el	-2771 Dec 13 j 15:47	5°♏54'49	25°20'45
desc. node	-2771 Dec 24 j 19:04	19°♏15'44	
	-2770 Jan 01 j 08:24	0°♐	
morning set	-2770 Jan 18 j 20:50	28°♐47'32	
	-2770 Jan 19 j 12:51	0°♑	
max. Earth dist.	-2770 Jan 22 j 15:36	5°♑45'19	1.36539 AU
superior conj	-2770 Jan 28 j 14:52	17°♑17'45	-1°-37'-38
minimum elong	-2770 Jan 28 j 18:10	17°♑34'09	1°37'23
	-2770 Feb 03 j 21:59	0°♒	
evening rise	-2770 Feb 05 j 19:30	3°♒50'34	
asc. node	-2770 Feb 09 j 03:33	10°♒28'13	
	-2770 Feb 21 j 08:15	0°♓	
evening max el	-2770 Feb 23 j 06:38	2°♓01'10	19°43'46
retrograde	-2770 Mar 04 j 23:24	6°♓38'11	
evening set	-2770 Mar 07 j 05:38	6°♓24'17	
inferior conj	-2770 Mar 15 j 19:46	2°♓21'20	1°51'32
minimum elong	-2770 Mar 16 j 00:00	2°♓14'40	1°50'12
min. Earth dist.	-2770 Mar 18 j 05:56	0°♓50'28	0.55969 AU
	-2770 Mar 19 j 15:56	30°℞♒	
desc. node	-2770 Mar 22 j 18:07	28°♒25'55	
morning rise	-2770 Mar 24 j 15:05	27°♒44'04	
direct	-2770 Mar 28 j 21:59	27°♒03'05	
	-2770 Apr 06 j 19:43	0°♓	
morning max el	-2770 Apr 11 j 20:39	4°♓03'01	24°22'22
	-2770 Apr 30 j 02:07	0°♈	
morning set	-2770 May 06 j 22:06	13°♈35'11	
asc. node	-2770 May 08 j 02:58	16°♈07'42	
superior conj	-2770 May 14 j 00:00	28°♈48'29	0°58'04
minimum elong	-2770 May 13 j 21:44	28°♈36'17	0°57'41
	-2770 May 14 j 13:14	0°♉	
max. Earth dist.	-2770 May 15 j 15:31	2°♉21'25	1.33242 AU
evening rise	-2770 May 21 j 09:15	14°♉21'42	
	-2770 May 29 j 13:58	0°♊	
desc. node	-2770 Jun 18 j 17:09	29°♊49'45	
	-2770 Jun 18 j 20:43	0°♋	
evening max el	-2770 Jun 23 j 07:45	4°♋42'01	27°24'52
retrograde	-2770 Jul 07 j 01:22	12°♋03'48	
evening set	-2770 Jul 14 j 05:34	9°♋28'42	
min. Earth dist.	-2770 Jul 17 j 19:46	6°♋25'00	0.63119 AU
inferior conj	-2770 Jul 20 j 14:03	3°♋40'19	-3°-54'-40
minimum elong	-2770 Jul 20 j 17:52	3°♋30'49	3°53'52
	-2770 Jul 24 j 15:52	30°℞♊	
morning rise	-2770 Jul 27 j 08:19	28°♊26'47	
direct	-2770 Jul 29 j 21:36	27°♊55'50	
asc. node	-2770 Aug 04 j 02:16	0°♋04'22	
	-2770 Aug 04 j 00:04	0°♋	
morning max el	-2770 Aug 05 j 12:02	1°♋20'11	17°55'34
morning set	-2770 Aug 22 j 01:32	27°♋02'25	
	-2770 Aug 23 j 17:56	0°♌	
superior conj	-2770 Sep 02 j 22:32	17°♌30'19	1°11'09
minimum elong	-2770 Sep 03 j 04:05	17°♌53'32	1°10'35
max. Earth dist.	-2770 Sep 09 j 10:19	28°♌09'39	1.43545 AU
	-2770 Sep 10 j 13:45	0°♍	
desc. node	-2770 Sep 14 j 16:35	6°♍32'32	
evening rise	-2770 Sep 18 j 12:22	12°♍30'54	
	-2770 Sep 30 j 01:04	0°♎	
greatest brilliancy	-2770 Oct 12 j 09:29	17°♎25'49	-0.5m
evening max el	-2770 Oct 17 j 22:14	23°♎56'12	20°59'52
retrograde	-2770 Oct 26 j 08:03	28°♎55'06	
evening set	-2770 Oct 30 j 06:33	27°♎27'03	
asc. node	-2770 Oct 31 j 01:21	26°♎48'21	
inferior conj	-2770 Nov 04 j 16:57	21°♎14'01	1°33'01
minimum elong	-2770 Nov 04 j 14:56	21°♎20'54	1°32'12
min. Earth dist.	-2770 Nov 05 j 03:53	20°♎36'37	0.67173 AU
morning rise	-2770 Nov 09 j 22:56	14°♎57'27	
direct	-2770 Nov 15 j 04:50	12°♎42'39	
morning max el	-2770 Nov 26 j 00:31	19°♎09'42	23°56'31
	-2770 Dec 05 j 04:40	0°♏	
desc. node	-2770 Dec 11 j 16:07	8°♏53'33	
	-2770 Dec 25 j 12:14	0°♐	
morning set	-2770 Dec 31 j 12:42	10°♐01'53	
max. Earth dist.	-2769 Jan 04 j 11:55	16°♐57'17	1.38522 AU
superior conj	-2769 Jan 11 j 17:50	0°♑16'21	-1°-51'-52
minimum elong	-2769 Jan 11 j 20:09	0°♑27'23	1°51'51
	-2769 Jan 11 j 14:23	0°♑	
evening rise	-2769 Jan 20 j 17:03	17°♑41'37	
asc. node	-2769 Jan 27 j 00:35	29°♑40'51	
	-2769 Jan 27 j 04:52	0°♒	
evening max el	-2769 Feb 06 j 04:25	14°♒14'32	18°51'49
retrograde	-2769 Feb 14 j 10:23	18°♒13'12	
evening set	-2769 Feb 16 j 19:21	17°♒54'46	
inferior conj	-2769 Feb 24 j 16:00	13°♒35'11	3°08'36
minimum elong	-2769 Feb 24 j 20:28	13°♒27'02	3°07'36

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

min. Earth dist.	-2769 Feb 27 j 21:55	11°♒14'43	0.57503 AU
morning rise	-2769 Mar 04 j 17:43	8°♒27'18	
desc. node	-2769 Mar 09 j 15:13	7°♒15'37	
direct	-2769 Mar 10 j 05:19	7°♒14'47	
morning max el	-2769 Mar 24 j 12:04	14°♒40'17	25°54'22
	-2769 Apr 05 j 17:32	0°♓	
morning set	-2769 Apr 21 j 09:57	28°♓36'04	
	-2769 Apr 22 j 01:53	0°♈	
asc. node	-2769 Apr 25 j 00:01	6°♈16'03	
superior conj	-2769 Apr 28 j 10:59	13°♈48'34	0°35'36
minimum elong	-2769 Apr 28 j 09:28	13°♈40'19	0°35'18
max. Earth dist.	-2769 Apr 29 j 02:34	15°♈13'41	1.32698 AU
evening rise	-2769 May 05 j 13:46	29°♈03'11	
	-2769 May 06 j 00:47	0°♉	
	-2769 May 22 j 19:46	0°♊	
evening max el	-2769 Jun 05 j 13:22	17°♊06'00	27°02'45
desc. node	-2769 Jun 05 j 14:12	17°♊07'58	
retrograde	-2769 Jun 19 j 12:09	24°♊26'06	
evening set	-2769 Jun 26 j 10:37	22°♊15'35	
min. Earth dist.	-2769 Jun 30 j 02:58	19°♊32'07	0.61216 AU
inferior conj	-2769 Jul 03 j 08:22	16°♊42'50	-4°-20'-49
minimum elong	-2769 Jul 03 j 10:36	16°♊37'54	4°20'33
morning rise	-2769 Jul 10 j 13:30	11°♊50'44	
direct	-2769 Jul 13 j 01:12	11°♊25'23	
morning max el	-2769 Jul 20 j 01:31	14°♊53'35	18°02'03
asc. node	-2769 Jul 21 j 23:21	16°♊57'17	
	-2769 Jul 30 j 11:51	0°♋	
morning set	-2769 Aug 05 j 00:33	10°♋02'49	
superior conj	-2769 Aug 15 j 07:39	28°♋42'42	1°35'43
minimum elong	-2769 Aug 15 j 11:36	29°♋00'03	1°35'29
	-2769 Aug 16 j 01:16	0°♌	
max. Earth dist.	-2769 Aug 22 j 20:18	11°♌35'11	1.41980 AU
evening rise	-2769 Aug 29 j 00:45	21°♌39'08	
desc. node	-2769 Sep 01 j 13:34	27°♌13'13	
	-2769 Sep 03 j 08:37	0°♍	
	-2769 Sep 24 j 07:55	0°♎	
greatest brilliancy	-2769 Sep 25 j 22:58	2°♎01'40	-0.3m
evening max el	-2769 Sep 30 j 16:40	7°♎22'14	22°15'09
retrograde	-2769 Oct 10 j 03:41	12°♎59'43	
evening set	-2769 Oct 14 j 14:31	11°♎13'28	
asc. node	-2769 Oct 17 j 22:27	7°♎39'26	
inferior conj	-2769 Oct 19 j 23:23	4°♎54'09	0°41'51
minimum elong	-2769 Oct 19 j 22:26	4°♎57'28	0°41'26
min. Earth dist.	-2769 Oct 19 j 23:44	4°♎52'57	0.67461 AU
	-2769 Oct 23 j 19:49	30°℞♍	
morning rise	-2769 Oct 25 j 06:12	28°♍38'27	
direct	-2769 Oct 29 j 20:54	26°♍45'36	
	-2769 Nov 05 j 19:38	0°♎	
morning max el	-2769 Nov 08 j 11:43	2°♎28'40	22°29'48
greatest brilliancy	-2769 Nov 13 j 04:01	7°♎44'27	-0.3m
desc. node	-2769 Nov 28 j 13:09	28°♎55'49	
	-2769 Nov 29 j 06:23	0°♏	
morning set	-2769 Dec 12 j 00:29	19°♏52'55	
max. Earth dist.	-2769 Dec 17 j 08:56	28°♏46'01	1.40606 AU
	-2769 Dec 18 j 02:21	0°♐	
superior conj	-2769 Dec 25 j 03:33	12°♐20'48	-1°-57'-6
minimum elong	-2769 Dec 25 j 03:19	12°♐19'50	1°57'12
	-2768 Jan 03 j 16:16	0°♑	
evening rise	-2768 Jan 04 j 04:46	0°♑58'52	
asc. node	-2768 Jan 13 j 21:39	18°♑22'32	
evening max el	-2768 Jan 20 j 10:00	26°♑56'37	18°19'56
	-2768 Jan 24 j 20:48	0°♒	
retrograde	-2768 Jan 27 j 15:49	0°♒32'14	
evening set	-2768 Jan 30 j 04:08	0°♒07'22	
	-2768 Jan 30 j 12:41	30°℞♑	
inferior conj	-2768 Feb 06 j 08:52	25°♑26'52	3°49'00
minimum elong	-2768 Feb 06 j 11:04	25°♑22'13	3°48'43
min. Earth dist.	-2768 Feb 09 j 18:05	22°♑36'21	0.59459 AU
morning rise	-2768 Feb 13 j 14:40	19°♑55'05	
direct	-2768 Feb 20 j 01:31	18°♑03'36	
desc. node	-2768 Feb 24 j 12:19	18°♑54'02	
morning max el	-2768 Mar 05 j 07:56	25°♑42'56	27°03'38
	-2768 Mar 09 j 08:08	0°♒	
	-2768 Mar 29 j 00:09	0°♓	
morning set	-2768 Apr 04 j 19:46	13°♓29'22	
asc. node	-2768 Apr 10 j 21:04	26°♓28'23	
superior conj	-2768 Apr 11 j 22:45	28°♓48'56	0°11'15
minimum elong	-2768 Apr 11 j 22:15	28°♓46'11	0°11'08
behind sun begin	-2768 Apr 11 j 18:41	28°♓26'38	
behind sun end	-2768 Apr 12 j 01:49	29°♓05'44	
max. Earth dist.	-2768 Apr 11 j 15:46	28°♓10'43	1.32497 AU
	-2768 Apr 12 j 11:43	0°♈	
evening rise	-2768 Apr 18 j 22:38	13°♈55'48	
	-2768 Apr 27 j 02:45	0°♉	
evening max el	-2768 May 17 j 12:47	28°♉46'55	26°08'39
	-2768 May 18 j 20:32	0°♊	
desc. node	-2768 May 22 j 11:15	2°♊49'35	
retrograde	-2768 May 31 j 14:46	6°♊03'25	
evening set	-2768 Jun 06 j 19:06	4°♊29'09	
min. Earth dist.	-2768 Jun 11 j 01:36	1°♊48'41	0.59160 AU
	-2768 Jun 13 j 11:04	30°℞♉	
inferior conj	-2768 Jun 14 j 10:20	29°♉15'13	-4°-25'-50
minimum elong	-2768 Jun 14 j 09:23	29°♉17'02	4°25'45
morning rise	-2768 Jun 22 j 03:23	24°♉45'31	
direct	-2768 Jun 24 j 14:48	24°♉24'27	
morning max el	-2768 Jul 02 j 10:24	28°♉08'06	18°28'16
	-2768 Jul 04 j 05:11	0°♊	
asc. node	-2768 Jul 07 j 20:26	4°♊48'01	
morning set	-2768 Jul 18 j 13:03	23°♊43'45	
	-2768 Jul 21 j 19:21	0°♋	
superior conj	-2768 Jul 27 j 16:20	11°♋06'07	1°47'06
minimum elong	-2768 Jul 27 j 17:44	11°♋12'35	1°47'09
max. Earth dist.	-2768 Aug 04 j 00:32	24°♋16'45	1.40086 AU
	-2768 Aug 07 j 08:50	0°♌	
evening rise	-2768 Aug 08 j 11:26	1°♌51'25	
desc. node	-2768 Aug 18 j 10:33	17°♌46'19	
	-2768 Aug 26 j 17:02	0°♍	
evening max el	-2768 Sep 12 j 06:19	20°♍50'01	23°35'30
retrograde	-2768 Sep 22 j 20:20	27°♍05'15	
evening set	-2768 Sep 27 j 21:13	24°♍59'52	
inferior conj	-2768 Oct 03 j 06:05	18°♍38'04	0°-11'-33
minimum elong	-2768 Oct 03 j 06:21	18°♍37'09	0°11'27
transit middle	-2768 Oct 03 j 06:21	18°♍37'09	0°11'27
transit begin	-2768 Oct 03 j 04:25	18°♍43'46	
transit end	-2768 Oct 03 j 08:17	18°♍30'32	
min. Earth dist.	-2768 Oct 02 j 20:14	19°♍11'45	0.67447 AU
asc. node	-2768 Oct 03 j 19:32	17°♍52'10	
morning rise	-2768 Oct 08 j 15:35	12°♍26'09	
direct	-2768 Oct 12 j 16:27	10°♍54'38	
morning max el	-2768 Oct 21 j 04:27	15°♍54'33	21°08'37
greatest brilliancy	-2768 Oct 26 j 16:25	22°♍18'49	-0.5m
	-2768 Nov 01 j 08:55	0°♎	
desc. node	-2768 Nov 14 j 10:08	19°♎15'30	
morning set	-2768 Nov 20 j 09:19	28°♎29'08	
	-2768 Nov 21 j 08:28	0°♏	
max. Earth dist.	-2768 Nov 28 j 12:03	11°♏27'35	1.42504 AU
superior conj	-2768 Dec 05 j 14:26	23°♏18'05	-1°-49'-23
minimum elong	-2768 Dec 05 j 10:16	23°♏00'21	1°49'14

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2768 Dec 09 j 11:38	0°♐	
evening rise	-2768 Dec 17 j 02:56	13°♐34'34	
	-2768 Dec 26 j 11:56	0°♑	
asc. node	-2768 Dec 30 j 18:42	6°♑23'49	
evening max el	-2767 Jan 02 j 20:33	9°♑59'47	18°07'58
retrograde	-2767 Jan 09 j 13:00	13°♑26'45	
evening set	-2767 Jan 12 j 04:37	12°♑54'17	
inferior conj	-2767 Jan 18 j 20:20	7°♑52'01	3°59'19
minimum elong	-2767 Jan 18 j 19:58	7°♑52'53	3°59'13
min. Earth dist.	-2767 Jan 21 j 21:14	4°♑55'57	0.61498 AU
morning rise	-2767 Jan 25 j 08:54	2°♑04'13	
	-2767 Jan 29 j 16:02	30°℞♐	
direct	-2767 Feb 01 j 08:10	29°♐38'52	
	-2767 Feb 04 j 02:12	0°♑	
desc. node	-2767 Feb 10 j 09:25	3°♑07'14	
morning max el	-2767 Feb 15 j 09:52	7°♑24'21	27°39'44
	-2767 Mar 04 j 15:20	0°♒	
morning set	-2767 Mar 20 j 01:36	28°♒08'14	
	-2767 Mar 20 j 23:18	0°♓	
max. Earth dist.	-2767 Mar 26 j 03:24	10°♓59'26	1.32652 AU
superior conj	-2767 Mar 27 j 09:39	13°♓43'48	0°-14'-10
minimum elong	-2767 Mar 27 j 10:18	13°♓47'20	0°14'04
behind sun begin	-2767 Mar 27 j 07:58	13°♓34'35	
behind sun end	-2767 Mar 27 j 12:39	14°♓00'05	
asc. node	-2767 Mar 28 j 18:06	16°♓40'42	
evening rise	-2767 Apr 03 j 09:49	28°♓52'30	
	-2767 Apr 03 j 22:40	0°♈	
	-2767 Apr 20 j 22:33	0°♉	
evening max el	-2767 Apr 29 j 06:25	9°♉48'45	24°48'49
desc. node	-2767 May 09 j 08:21	16°♉18'48	
retrograde	-2767 May 13 j 06:32	16°♉54'25	
evening set	-2767 May 18 j 05:28	15°♉58'29	
min. Earth dist.	-2767 May 23 j 18:30	13°♉04'31	0.57239 AU
inferior conj	-2767 May 26 j 16:50	11°♉08'29	-3°-58'-56
minimum elong	-2767 May 26 j 12:03	11°♉16'26	3°58'09
morning rise	-2767 Jun 03 j 22:39	6°♉58'52	
direct	-2767 Jun 06 j 10:43	6°♉40'57	
morning max el	-2767 Jun 15 j 11:42	10°♉53'46	19°14'57
asc. node	-2767 Jun 24 j 17:29	23°♉23'00	
	-2767 Jun 28 j 09:25	0°♊	
morning set	-2767 Jul 02 j 11:08	7°♊54'59	
superior conj	-2767 Jul 10 j 18:45	24°♊23'43	1°47'56
minimum elong	-2767 Jul 10 j 18:01	24°♊20'10	1°48'01
	-2767 Jul 13 j 16:51	0°♋	
max. Earth dist.	-2767 Jul 17 j 02:34	6°♋20'21	1.38122 AU
evening rise	-2767 Jul 20 j 23:57	13°♋18'43	
	-2767 Jul 31 j 00:36	0°♌	
desc. node	-2767 Aug 05 j 07:32	8°♌06'53	
	-2767 Aug 21 j 15:59	0°♍	
evening max el	-2767 Aug 25 j 17:38	4°♍21'18	24°54'15
retrograde	-2767 Sep 06 j 08:54	11°♍07'35	
evening set	-2767 Sep 12 j 00:50	8°♍43'54	
min. Earth dist.	-2767 Sep 16 j 14:51	3°♍30'59	0.67130 AU
inferior conj	-2767 Sep 17 j 11:16	2°♍23'25	-1°-5'-42
minimum elong	-2767 Sep 17 j 12:50	2°♍18'12	1°05'01
	-2767 Sep 19 j 07:42	30°℞♌	
asc. node	-2767 Sep 20 j 16:38	28°♌24'29	
morning rise	-2767 Sep 23 j 01:13	26°♌18'29	
direct	-2767 Sep 26 j 14:13	25°♌05'59	
morning max el	-2767 Oct 04 j 04:26	29°♌29'07	19°58'27
	-2767 Oct 04 j 16:19	0°♍	
greatest brilliancy	-2767 Oct 11 j 15:53	8°♍44'50	-0.6m
	-2767 Oct 25 j 23:06	0°♎	
morning set	-2767 Oct 30 j 06:46	6°♎39'29	
desc. node	-2767 Nov 01 j 07:06	9°♎46'57	
max. Earth dist.	-2767 Nov 10 j 22:50	24°♎58'31	1.43951 AU
	-2767 Nov 14 j 02:00	0°♏	
superior conj	-2767 Nov 15 j 22:06	2°♏58'32	-1°-25'-4
minimum elong	-2767 Nov 15 j 14:49	2°♏28'57	1°24'25
evening rise	-2767 Nov 29 j 07:04	25°♏19'29	
	-2767 Dec 02 j 00:35	0°♐	
evening max el	-2767 Dec 17 j 09:07	23°♐15'52	18°15'15
asc. node	-2767 Dec 17 j 15:45	23°♐32'23	
retrograde	-2767 Dec 23 j 21:40	26°♐46'41	
evening set	-2767 Dec 26 j 17:04	26°♐05'27	
inferior conj	-2766 Jan 01 j 22:33	20°♐42'33	3°47'59
minimum elong	-2766 Jan 01 j 20:26	20°♐48'21	3°47'37
min. Earth dist.	-2766 Jan 04 j 09:32	18°♐02'01	0.63352 AU
morning rise	-2766 Jan 07 j 22:08	14°♐43'38	
direct	-2766 Jan 14 j 22:46	11°♐58'07	
desc. node	-2766 Jan 28 j 06:29	19°♐18'58	
morning max el	-2766 Jan 28 j 16:46	19°♐44'11	27°39'28
	-2766 Feb 06 j 12:35	0°♑	
	-2766 Feb 25 j 13:28	0°♒	
morning set	-2766 Mar 04 j 01:08	12°♒24'50	
max. Earth dist.	-2766 Mar 09 j 09:45	23°♒27'33	1.33185 AU
superior conj	-2766 Mar 11 j 17:58	28°♒27'17	0°-39'-44
minimum elong	-2766 Mar 11 j 19:47	28°♒36'58	0°39'25
	-2766 Mar 12 j 11:14	0°♓	
asc. node	-2766 Mar 15 j 15:07	6°♓49'06	
evening rise	-2766 Mar 18 j 21:30	13°♓46'56	
	-2766 Mar 27 j 03:44	0°♈	
evening max el	-2766 Apr 10 j 22:08	20°♈30'22	23°15'33
retrograde	-2766 Apr 24 j 09:25	27°♈10'53	
desc. node	-2766 Apr 26 j 05:26	27°♈03'24	
evening set	-2766 Apr 27 j 23:50	26°♈42'32	
min. Earth dist.	-2766 May 05 j 08:35	23°♈23'02	0.55795 AU
inferior conj	-2766 May 07 j 03:42	22°♈19'41	-2°-51'00
minimum elong	-2766 May 06 j 21:24	22°♈28'58	2°49'15
morning rise	-2766 May 15 j 22:07	18°♈22'44	
direct	-2766 May 18 j 12:15	18°♈06'24	
morning max el	-2766 May 29 j 03:02	23°♈02'17	20°22'05
	-2766 Jun 04 j 01:29	0°♉	
asc. node	-2766 Jun 11 j 14:31	12°♉31'53	
morning set	-2766 Jun 16 j 15:54	22°♉29'08	
	-2766 Jun 20 j 07:47	0°♊	
superior conj	-2766 Jun 24 j 09:57	8°♊21'59	1°40'44
minimum elong	-2766 Jun 24 j 07:54	8°♊11'38	1°40'40
max. Earth dist.	-2766 Jun 29 j 08:32	18°♊09'01	1.36320 AU
evening rise	-2766 Jul 03 j 10:48	25°♊52'58	
	-2766 Jul 05 j 17:08	0°♋	
desc. node	-2766 Jul 23 j 04:33	28°♋09'04	
	-2766 Jul 24 j 11:48	0°♌	
evening max el	-2766 Aug 08 j 04:46	17°♌54'53	26°03'30
retrograde	-2766 Aug 20 j 16:46	25°♌02'26	
evening set	-2766 Aug 26 j 23:29	22°♌23'51	
min. Earth dist.	-2766 Aug 31 j 05:08	17°♌48'41	0.66483 AU
inferior conj	-2766 Sep 01 j 13:09	16°♌08'14	-1°-58'-49
minimum elong	-2766 Sep 01 j 15:57	15°♌59'26	1°57'43
morning rise	-2766 Sep 07 j 09:11	10°♌13'37	
asc. node	-2766 Sep 07 j 13:41	10°♌07'04	
direct	-2766 Sep 10 j 12:31	9°♌16'58	
morning max el	-2766 Sep 17 j 11:27	13°♌12'20	19°02'37
	-2766 Sep 29 j 18:28	0°♍	
morning set	-2766 Oct 09 j 16:58	15°♍33'43	
	-2766 Oct 18 j 21:18	0°♎	
desc. node	-2766 Oct 19 j 04:03	0°♎26'31	
max. Earth dist.	-2766 Oct 24 j 15:23	9°♎03'15	1.44761 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2766 Oct 26 j 05:40	11°♎34'18	0°-44'-14
minimum elong	-2766 Oct 26 j 00:08	11°♎12'27	0°43'35
	-2766 Nov 06 j 18:38	0°♏	
evening rise	-2766 Nov 10 j 12:56	6°♏06'22	
	-2766 Nov 25 j 13:58	0°♐	
evening max el	-2766 Nov 30 j 21:00	6°♐38'59	18°40'47
asc. node	-2766 Dec 04 j 12:48	9°♐34'01	
retrograde	-2766 Dec 07 j 13:44	10°♐24'07	
evening set	-2766 Dec 10 j 14:09	9°♐32'41	
inferior conj	-2766 Dec 16 j 11:49	3°♐51'34	3°21'37
minimum elong	-2766 Dec 16 j 08:52	4°♐00'24	3°20'54
min. Earth dist.	-2766 Dec 18 j 07:44	1°♐40'00	0.64882 AU
	-2766 Dec 19 j 18:55	30°℞♏	
morning rise	-2766 Dec 22 j 02:28	27°♏44'23	
direct	-2766 Dec 28 j 20:05	24°♏53'53	
	-2765 Jan 08 j 08:16	0°♐	
morning max el	-2765 Jan 11 j 02:15	2°♐33'32	27°05'27
desc. node	-2765 Jan 15 j 03:30	6°♐55'48	
	-2765 Jan 31 j 18:29	0°♑	
morning set	-2765 Feb 15 j 15:14	26°♑08'27	
	-2765 Feb 17 j 14:34	0°♒	
max. Earth dist.	-2765 Feb 20 j 06:57	5°♒23'21	1.34138 AU
superior conj	-2765 Feb 23 j 21:42	12°♒52'00	-1°-4'-22
minimum elong	-2765 Feb 24 j 00:29	13°♒06'38	1°03'58
asc. node	-2765 Mar 02 j 12:08	26°♒48'40	
evening rise	-2765 Mar 03 j 07:52	28°♒31'50	
	-2765 Mar 04 j 00:52	0°♓	
	-2765 Mar 22 j 10:56	0°♈	
evening max el	-2765 Mar 23 j 18:02	1°♈18'03	21°43'03
retrograde	-2765 Apr 05 j 01:35	7°♈16'03	
evening set	-2765 Apr 07 j 16:30	7°♈00'35	
desc. node	-2765 Apr 13 j 02:31	5°♈04'34	
inferior conj	-2765 Apr 17 j 00:49	2°♈57'48	-1°-5'-42
minimum elong	-2765 Apr 16 j 21:46	3°♈02'06	1°04'40
min. Earth dist.	-2765 Apr 16 j 22:04	3°♈01'40	0.55130 AU
	-2765 Apr 22 j 20:51	30°℞♓	
morning rise	-2765 Apr 26 j 03:49	28°♓58'31	
direct	-2765 Apr 29 j 01:00	28°♓40'11	
	-2765 May 04 j 21:39	0°♈	
morning max el	-2765 May 11 j 07:27	4°♈28'28	21°47'32
	-2765 May 28 j 10:16	0°♉	
asc. node	-2765 May 29 j 11:33	2°♉05'18	
morning set	-2765 Jun 01 j 00:57	7°♉18'23	
superior conj	-2765 Jun 08 j 10:02	22°♉48'20	1°27'31
minimum elong	-2765 Jun 08 j 07:26	22°♉34'47	1°27'16
	-2765 Jun 11 j 21:44	0°♊	
max. Earth dist.	-2765 Jun 11 j 22:50	0°♊05'32	1.34829 AU
evening rise	-2765 Jun 16 j 14:40	9°♊18'50	
	-2765 Jun 28 j 05:29	0°♋	
desc. node	-2765 Jul 10 j 01:36	17°♋43'52	
	-2765 Jul 20 j 06:47	0°♌	
evening max el	-2765 Jul 21 j 16:11	1°♌23'11	26°55'24
retrograde	-2765 Aug 03 j 19:35	8°♌42'28	
evening set	-2765 Aug 10 j 14:48	5°♌56'03	
min. Earth dist.	-2765 Aug 14 j 12:44	1°♌59'26	0.65468 AU
inferior conj	-2765 Aug 16 j 09:41	29°♋48'31	-2°-48'-56
minimum elong	-2765 Aug 16 j 13:25	29°♋37'37	2°47'41
	-2765 Aug 16 j 05:45	30°℞♋	
morning rise	-2765 Aug 22 j 13:18	24°♋07'31	
direct	-2765 Aug 25 j 09:16	23°♋23'20	
asc. node	-2765 Aug 25 j 10:44	23°♋23'21	
morning max el	-2765 Aug 31 j 23:39	27°♋00'07	18°22'55
	-2765 Sep 03 j 14:37	0°♌	
morning set	-2765 Sep 20 j 05:38	25°♌46'33	
	-2765 Sep 22 j 19:46	0°♍	

superior conj	-2765 Oct 05 j 05:42	19°♍54'21	0°05'12
minimum elong	-2765 Oct 05 j 06:23	19°♍57'01	0°05'08
behind sun begin	-2765 Oct 04 j 19:40	19°♍14'38	
behind sun end	-2765 Oct 05 j 17:05	20°♍39'21	
desc. node	-2765 Oct 06 j 01:03	21°♍10'49	
max. Earth dist.	-2765 Oct 07 j 09:50	23°♍20'09	1.44838 AU
	-2765 Oct 11 j 15:32	0°♎	
evening rise	-2765 Oct 21 j 18:21	15°♎51'55	
	-2765 Oct 30 j 19:21	0°♏	
greatest brilliancy	-2765 Nov 04 j 20:02	7°♏40'18	-0.7m
evening max el	-2765 Nov 14 j 05:49	20°♏05'20	19°23'17
retrograde	-2765 Nov 21 j 09:50	24°♏13'44	
asc. node	-2765 Nov 21 j 09:50	24°♏13'44	
evening set	-2765 Nov 24 j 17:03	23°♏10'08	
inferior conj	-2765 Nov 30 j 08:58	17°♏13'56	2°44'51
minimum elong	-2765 Nov 30 j 05:58	17°♏23'35	2°43'55
min. Earth dist.	-2765 Dec 01 j 14:54	15°♏37'40	0.66047 AU
morning rise	-2765 Dec 05 j 18:07	11°♏01'00	
direct	-2765 Dec 11 j 23:35	8°♏17'59	
morning max el	-2765 Dec 24 j 11:51	15°♏40'12	26°04'31
desc. node	-2764 Jan 02 j 00:31	25°♏32'55	
	-2764 Jan 05 j 08:55	0°♐	
	-2764 Jan 24 j 14:21	0°♑	
morning set	-2764 Jan 29 j 15:51	9°♑07'01	
max. Earth dist.	-2764 Feb 02 j 16:28	16°♑45'05	1.35538 AU
superior conj	-2764 Feb 07 j 18:26	26°♑50'50	-1°-26'-38
minimum elong	-2764 Feb 07 j 21:46	27°♑07'45	1°26'17
	-2764 Feb 09 j 07:31	0°♒	
evening rise	-2764 Feb 15 j 15:03	13°♒01'06	
asc. node	-2764 Feb 17 j 09:09	16°♒34'47	
	-2764 Feb 24 j 13:20	0°♓	
evening max el	-2764 Mar 04 j 23:25	12°♓35'00	20°22'22
retrograde	-2764 Mar 15 j 15:58	17°♓40'46	
evening set	-2764 Mar 17 j 22:01	17°♓28'08	
inferior conj	-2764 Mar 26 j 21:15	13°♓29'52	0°51'33
minimum elong	-2764 Mar 26 j 23:31	13°♓26'31	0°50'44
min. Earth dist.	-2764 Mar 28 j 12:13	12°♓32'29	0.55402 AU
desc. node	-2764 Mar 29 j 23:35	11°♓42'03	
morning rise	-2764 Apr 04 j 22:46	9°♓09'24	
direct	-2764 Apr 08 j 14:03	8°♓40'34	
morning max el	-2764 Apr 22 j 02:49	15°♓18'59	23°25'03
	-2764 May 03 j 14:37	0°♈	
asc. node	-2764 May 15 j 08:35	21°♈56'43	
morning set	-2764 May 15 j 12:26	22°♈16'48	
	-2764 May 19 j 03:35	0°♉	
superior conj	-2764 May 22 j 16:05	7°♉33'50	1°09'49
minimum elong	-2764 May 22 j 13:34	7°♉20'21	1°09'27
max. Earth dist.	-2764 May 24 j 22:45	12°♉24'33	1.33712 AU
evening rise	-2764 May 30 j 06:55	23°♉23'07	
	-2764 Jun 02 j 16:28	0°♊	
	-2764 Jun 20 j 21:18	0°♋	
desc. node	-2764 Jun 25 j 22:39	6°♋39'45	
evening max el	-2764 Jul 03 j 03:06	14°♋36'21	27°22'40
retrograde	-2764 Jul 16 j 16:58	21°♋59'24	
evening set	-2764 Jul 23 j 19:51	19°♋16'11	
min. Earth dist.	-2764 Jul 27 j 11:45	15°♋55'17	0.64074 AU
inferior conj	-2764 Jul 29 j 22:26	13°♋19'45	-3°-33'-19
minimum elong	-2764 Jul 30 j 02:30	13°♋08'56	3°32'15
morning rise	-2764 Aug 05 j 11:00	7°♋55'25	
direct	-2764 Aug 08 j 01:58	7°♋20'31	
asc. node	-2764 Aug 11 j 07:49	8°♋13'53	
morning max el	-2764 Aug 14 j 14:31	10°♋47'15	18°00'22
	-2764 Aug 27 j 15:12	0°♌	
morning set	-2764 Aug 31 j 21:06	7°♌16'04	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2764 Sep 13 j 20:27	29°♌00'43	0°50'31
minimum elong	-2764 Sep 14 j 01:32	29°♌21'27	0°49'55
	-2764 Sep 14 j 11:01	0°♍	
max. Earth dist.	-2764 Sep 19 j 02:45	7°♍29'29	1.44197 AU
desc. node	-2764 Sep 21 j 22:03	11°♍56'19	
evening rise	-2764 Sep 30 j 04:05	24°♍48'30	
	-2764 Oct 03 j 13:06	0°♎	
greatest brilliancy	-2764 Oct 20 j 21:55	25°♎37'49	-0.6m
	-2764 Oct 24 j 06:55	0°♏	
evening max el	-2764 Oct 27 j 09:43	3°♏32'11	20°20'59
retrograde	-2764 Nov 04 j 07:14	8°♏11'08	
asc. node	-2764 Nov 07 j 06:55	7°♏19'37	
evening set	-2764 Nov 07 j 23:26	6°♏52'54	
inferior conj	-2764 Nov 13 j 11:23	0°♏45'08	2°00'48
minimum elong	-2764 Nov 13 j 08:54	0°♏53'30	1°59'52
min. Earth dist.	-2764 Nov 14 j 04:55	29°♎46'04	0.66856 AU
	-2764 Nov 14 j 00:47	30°℞♎	
morning rise	-2764 Nov 18 j 17:49	24°♎28'58	
direct	-2764 Nov 24 j 08:37	22°♎02'10	
morning max el	-2764 Dec 05 j 20:29	28°♎53'06	24°45'48
	-2764 Dec 06 j 22:24	0°♏	
desc. node	-2764 Dec 18 j 21:33	14°♏52'11	
	-2764 Dec 29 j 04:19	0°♐	
morning set	-2763 Jan 10 j 21:28	21°♐04'12	
max. Earth dist.	-2763 Jan 14 j 15:22	27°♐48'36	1.37350 AU
	-2763 Jan 15 j 19:52	0°♑	
superior conj	-2763 Jan 21 j 05:01	10°♑14'23	-1°-44'-33
minimum elong	-2763 Jan 21 j 08:04	10°♑29'16	1°44'24
evening rise	-2763 Jan 29 j 16:49	27°♑07'37	
	-2763 Jan 31 j 03:33	0°♒	
asc. node	-2763 Feb 03 j 06:11	6°♒01'21	
evening max el	-2763 Feb 15 j 15:39	24°♒28'44	19°19'15
retrograde	-2763 Feb 24 j 16:33	28°♒47'24	
evening set	-2763 Feb 26 j 23:36	28°♒31'59	
inferior conj	-2763 Mar 07 j 06:23	24°♒23'18	2°28'45
minimum elong	-2763 Mar 07 j 11:11	24°♒15'17	2°27'25
min. Earth dist.	-2763 Mar 10 j 03:20	22°♒29'11	0.56549 AU
morning rise	-2763 Mar 15 j 18:55	19°♒32'15	
desc. node	-2763 Mar 16 j 20:40	19°♒11'26	
direct	-2763 Mar 20 j 14:13	18°♒39'08	
morning max el	-2763 Apr 03 j 17:46	25°♒52'37	25°03'17
	-2763 Apr 07 j 14:52	0°♓	
	-2763 Apr 26 j 11:00	0°♈	
morning set	-2763 Apr 30 j 00:37	7°♈18'29	
asc. node	-2763 May 02 j 05:39	12°♈00'23	
superior conj	-2763 May 07 j 01:49	22°♈30'44	0°48'49
minimum elong	-2763 May 06 j 23:51	22°♈19'58	0°48'28
max. Earth dist.	-2763 May 08 j 06:39	25°♈07'07	1.32966 AU
	-2763 May 10 j 13:07	0°♉	
evening rise	-2763 May 14 j 07:49	7°♉54'14	
	-2763 May 26 j 03:33	0°♊	
desc. node	-2763 Jun 12 j 19:42	24°♊40'27	
evening max el	-2763 Jun 15 j 11:35	27°♊22'41	27°19'37
	-2763 Jun 18 j 11:06	0°♋	
retrograde	-2763 Jun 29 j 08:04	4°♋44'22	
evening set	-2763 Jul 06 j 10:57	2°♋18'13	
	-2763 Jul 09 j 09:16	30°℞♊	
min. Earth dist.	-2763 Jul 10 j 01:02	29°♊24'40	0.62332 AU
inferior conj	-2763 Jul 13 j 00:31	26°♊35'52	-4°-7'-49
minimum elong	-2763 Jul 13 j 03:52	26°♊27'56	4°07'15
morning rise	-2763 Jul 19 j 23:16	21°♊31'03	
direct	-2763 Jul 22 j 11:31	21°♊02'48	
morning max el	-2763 Jul 29 j 05:19	24°♊27'58	17°55'57
asc. node	-2763 Jul 29 j 04:55	24°♊27'00	
	-2763 Aug 02 j 17:34	0°♋	
morning set	-2763 Aug 14 j 10:19	19°♋48'22	
	-2763 Aug 20 j 03:23	0°♌	
superior conj	-2763 Aug 25 j 13:54	9°♌26'37	1°23'18
minimum elong	-2763 Aug 25 j 19:02	9°♌48'32	1°22'51
max. Earth dist.	-2763 Sep 01 j 15:48	21°♌15'35	1.42932 AU
	-2763 Sep 07 j 02:24	0°♍	
desc. node	-2763 Sep 08 j 19:04	2°♍40'11	
evening rise	-2763 Sep 09 j 09:54	3°♍38'13	
	-2763 Sep 27 j 00:21	0°♎	
greatest brilliancy	-2763 Oct 05 j 06:59	11°♎11'44	-0.4m
evening max el	-2763 Oct 10 j 07:42	16°♎59'03	21°30'58
retrograde	-2763 Oct 19 j 03:53	22°♎13'58	
evening set	-2763 Oct 23 j 07:20	20°♎38'35	
asc. node	-2763 Oct 25 j 03:59	18°♎53'48	
inferior conj	-2763 Oct 28 j 16:55	14°♎22'39	1°11'44
minimum elong	-2763 Oct 28 j 15:19	14°♎28'09	1°11'03
min. Earth dist.	-2763 Oct 28 j 23:20	14°♎00'32	0.67335 AU
morning rise	-2763 Nov 02 j 22:59	8°♎06'03	
direct	-2763 Nov 07 j 22:27	6°♎00'11	
morning max el	-2763 Nov 18 j 05:40	12°♎08'49	23°19'21
greatest brilliancy	-2763 Nov 23 j 14:35	18°♎12'26	-0.2m
	-2763 Dec 02 j 11:54	0°♏	
desc. node	-2763 Dec 05 j 18:35	4°♏41'33	
	-2763 Dec 22 j 00:57	0°♐	
morning set	-2763 Dec 23 j 01:50	1°♐43'47	
max. Earth dist.	-2763 Dec 27 j 10:38	9°♐10'57	1.39416 AU
superior conj	-2762 Jan 04 j 01:19	22°♐51'52	-1°-55'-25
minimum elong	-2762 Jan 04 j 02:46	22°♐58'37	1°55'29
	-2762 Jan 07 j 20:22	0°♑	
evening rise	-2762 Jan 13 j 10:33	10°♑44'59	
asc. node	-2762 Jan 21 j 03:14	25°♑01'46	
	-2762 Jan 24 j 04:45	0°♒	
evening max el	-2762 Jan 29 j 17:10	6°♒55'44	18°35'49
retrograde	-2762 Feb 06 j 11:13	10°♒42'12	
evening set	-2762 Feb 08 j 21:48	10°♒21'04	
inferior conj	-2762 Feb 16 j 11:22	5°♒52'59	3°29'56
minimum elong	-2762 Feb 16 j 15:02	5°♒45'51	3°29'16
min. Earth dist.	-2762 Feb 19 j 20:37	3°♒16'54	0.58312 AU
morning rise	-2762 Feb 24 j 04:35	0°♒34'14	
	-2762 Feb 25 j 11:42	30°℞♑	
direct	-2762 Mar 02 j 03:29	29°♑05'06	
desc. node	-2762 Mar 03 j 17:45	29°♑11'28	
	-2762 Mar 06 j 21:13	0°♒	
morning max el	-2762 Mar 16 j 10:20	6°♒37'08	26°27'19
	-2762 Apr 02 j 18:28	0°♓	
morning set	-2762 Apr 14 j 11:47	22°♓16'51	
	-2762 Apr 18 j 02:35	0°♈	
asc. node	-2762 Apr 19 j 02:41	2°♈10'57	
superior conj	-2762 Apr 21 j 13:20	7°♈31'44	0°25'27
minimum elong	-2762 Apr 21 j 12:13	7°♈25'40	0°25'14
max. Earth dist.	-2762 Apr 21 j 19:06	8°♈03'20	1.32573 AU
evening rise	-2762 Apr 28 j 14:28	22°♈41'49	
	-2762 May 02 j 04:47	0°♉	
	-2762 May 20 j 07:57	0°♊	
evening max el	-2762 May 28 j 14:59	9°♊29'55	26°43'33
desc. node	-2762 May 30 j 16:46	11°♊22'01	
retrograde	-2762 Jun 11 j 15:23	16°♊48'06	
evening set	-2762 Jun 18 j 07:40	14°♊52'22	
min. Earth dist.	-2762 Jun 22 j 04:27	12°♊12'13	0.60346 AU
inferior conj	-2762 Jun 25 j 12:22	9°♊27'18	-4°-26'-8
minimum elong	-2762 Jun 25 j 13:26	9°♊25'05	4°26'03
morning rise	-2762 Jul 02 j 22:25	4°♊44'23	
direct	-2762 Jul 05 j 09:55	4°♊20'54	
morning max el	-2762 Jul 12 j 17:09	7°♊54'14	18°10'42

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2762 Jul 16 j 02:01	11°♊46'20	
	-2762 Jul 26 j 23:29	0°♋	
morning set	-2762 Jul 28 j 15:38	3°♋07'50	
superior conj	-2762 Aug 07 j 09:42	21°♋10'56	1°42'00
minimum elong	-2762 Aug 07 j 12:34	21°♋23'50	1°41'55
	-2762 Aug 12 j 09:42	0°♌	
max. Earth dist.	-2762 Aug 14 j 23:35	4°♌24'27	1.41206 AU
evening rise	-2762 Aug 20 j 06:40	13°♌10'42	
desc. node	-2762 Aug 26 j 16:05	23°♌18'22	
	-2762 Aug 31 j 01:28	0°♍	
greatest brilliancy	-2762 Sep 18 j 01:23	24°♍53'58	-0.3m
	-2762 Sep 22 j 13:47	0°♎	
evening max el	-2762 Sep 22 j 23:59	0°♎26'01	22°49'06
retrograde	-2762 Oct 02 j 22:14	6°♎19'16	
evening set	-2762 Oct 07 j 14:57	4°♎24'54	
	-2762 Oct 11 j 13:46	30°℞♍	
asc. node	-2762 Oct 12 j 01:05	29°♍21'52	
inferior conj	-2762 Oct 12 j 23:39	28°♍04'20	0°19'24
minimum elong	-2762 Oct 12 j 23:12	28°♍05'54	0°19'12
min. Earth dist.	-2762 Oct 12 j 19:40	28°♍18'03	0.67498 AU
morning rise	-2762 Oct 18 j 07:24	21°♍50'04	
direct	-2762 Oct 22 j 16:06	20°♍06'24	
morning max el	-2762 Oct 31 j 18:48	25°♍29'55	21°54'14
	-2762 Nov 04 j 19:18	0°♎	
greatest brilliancy	-2762 Nov 05 j 15:02	1°♎00'19	-0.4m
desc. node	-2762 Nov 22 j 15:37	24°♎52'10	
	-2762 Nov 26 j 00:41	0°♏	
morning set	-2762 Dec 03 j 01:17	10°♏59'44	
max. Earth dist.	-2762 Dec 09 j 10:16	21°♏23'32	1.41455 AU
	-2762 Dec 14 j 12:06	0°♐	
superior conj	-2762 Dec 17 j 02:03	4°♐29'54	-1°-55'-41
minimum elong	-2762 Dec 17 j 00:16	4°♐22'04	1°55'43
evening rise	-2762 Dec 27 j 17:00	23°♐46'01	
	-2762 Dec 31 j 02:15	0°♑	
asc. node	-2761 Jan 08 j 00:16	13°♑27'54	
evening max el	-2761 Jan 13 j 01:15	19°♑48'20	18°12'27
retrograde	-2761 Jan 20 j 00:02	23°♑18'38	
evening set	-2761 Jan 22 j 13:49	22°♑50'32	
inferior conj	-2761 Jan 29 j 12:36	18°♑00'25	3°56'33
minimum elong	-2761 Jan 29 j 13:40	17°♑58'02	3°56'24
min. Earth dist.	-2761 Feb 01 j 19:10	15°♑04'56	0.60333 AU
morning rise	-2761 Feb 05 j 10:37	12°♑21'12	
direct	-2761 Feb 12 j 04:08	10°♑14'26	
desc. node	-2761 Feb 18 j 14:50	12°♑00'19	
morning max el	-2761 Feb 26 j 08:48	17°♑56'12	27°23'29
	-2761 Mar 08 j 11:22	0°♒	
	-2761 Mar 26 j 07:52	0°♓	
morning set	-2761 Mar 29 j 20:12	7°♓05'45	
max. Earth dist.	-2761 Apr 05 j 08:23	21°♓00'34	1.32524 AU
asc. node	-2761 Apr 05 j 23:42	22°♓24'17	
superior conj	-2761 Apr 06 j 00:57	22°♓31'08	0°00'33
minimum elong	-2761 Apr 06 j 00:55	22°♓30'58	0°00'33
behind sun begin	-2761 Apr 05 j 19:54	22°♓03'32	
behind sun end	-2761 Apr 06 j 05:56	22°♓58'25	
	-2761 Apr 09 j 11:07	0°♈	
evening rise	-2761 Apr 13 j 00:36	7°♈37'55	
	-2761 Apr 24 j 18:49	0°♉	
evening max el	-2761 May 10 j 11:45	20°♉53'28	25°37'10
desc. node	-2761 May 17 j 13:49	26°♉12'43	
retrograde	-2761 May 24 j 13:21	28°♉06'04	
evening set	-2761 May 30 j 06:35	26°♉48'26	
min. Earth dist.	-2761 Jun 03 j 23:56	24°♉04'18	0.58317 AU
inferior conj	-2761 Jun 07 j 06:21	21°♉44'21	-4°-19'00
minimum elong	-2761 Jun 07 j 03:43	21°♉49'05	4°18'43
morning rise	-2761 Jun 15 j 04:46	17°♉23'49	
direct	-2761 Jun 17 j 16:35	17°♉04'05	
morning max el	-2761 Jun 25 j 23:07	20°♉57'51	18°45'34
asc. node	-2761 Jul 02 j 23:05	29°♉57'32	
	-2761 Jul 02 j 23:42	0°♊	
morning set	-2761 Jul 12 j 08:36	17°♊03'02	
	-2761 Jul 19 j 00:20	0°♋	
superior conj	-2761 Jul 21 j 02:38	3°♋59'41	1°48'35
minimum elong	-2761 Jul 21 j 03:02	4°♋01'36	1°48'40
max. Earth dist.	-2761 Jul 28 j 02:39	16°♋49'52	1.39250 AU
evening rise	-2761 Aug 01 j 04:26	23°♋54'49	
	-2761 Aug 04 j 19:40	0°♌	
desc. node	-2761 Aug 13 j 13:04	13°♌46'54	
	-2761 Aug 24 j 20:53	0°♍	
evening max el	-2761 Sep 05 j 12:15	13°♍54'47	24°09'34
retrograde	-2761 Sep 16 j 13:11	20°♍24'06	
evening set	-2761 Sep 21 j 20:33	18°♍10'24	
min. Earth dist.	-2761 Sep 26 j 15:32	12°♍37'11	0.67355 AU
inferior conj	-2761 Sep 27 j 05:53	11°♍48'43	0°-34'-33
minimum elong	-2761 Sep 27 j 06:42	11°♍45'56	0°34'12
asc. node	-2761 Sep 28 j 22:10	9°♍35'16	
morning rise	-2761 Oct 02 j 17:06	5°♍39'40	
direct	-2761 Oct 06 j 12:38	4°♍16'45	
morning max el	-2761 Oct 14 j 14:38	8°♍59'48	20°37'13
greatest brilliancy	-2761 Oct 20 j 19:01	16°♍21'45	-0.5m
	-2761 Oct 30 j 09:56	0°♎	
desc. node	-2761 Nov 09 j 12:35	15°♎17'27	
morning set	-2761 Nov 12 j 02:28	19°♎16'40	
	-2761 Nov 18 j 22:04	0°♏	
max. Earth dist.	-2761 Nov 21 j 17:08	4°♏29'01	1.43183 AU
superior conj	-2761 Nov 28 j 01:33	14°♏54'18	-1°-41'-14
minimum elong	-2761 Nov 27 j 19:43	14°♏30'00	1°40'53
	-2761 Dec 06 j 21:40	0°♐	
evening rise	-2761 Dec 10 j 08:03	6°♐01'23	
	-2761 Dec 24 j 23:13	0°♑	
asc. node	-2761 Dec 25 j 21:18	1°♑08'25	
evening max el	-2761 Dec 27 j 12:55	2°♑57'22	18°08'45
retrograde	-2760 Jan 03 j 02:48	6°♑25'01	
evening set	-2760 Jan 05 j 19:49	5°♑49'03	
inferior conj	-2760 Jan 12 j 06:50	0°♑37'36	3°56'44
minimum elong	-2760 Jan 12 j 05:36	0°♑40'45	3°56'34
	-2760 Jan 12 j 21:25	30°℞♐	
min. Earth dist.	-2760 Jan 15 j 02:04	27°♐46'00	0.62309 AU
morning rise	-2760 Jan 18 j 13:18	24°♐44'20	
direct	-2760 Jan 25 j 14:08	22°♐08'46	
desc. node	-2760 Feb 05 j 11:53	27°♐08'25	
morning max el	-2760 Feb 08 j 13:22	29°♐55'40	27°44'10
	-2760 Feb 08 j 15:08	0°♑	
	-2760 Mar 01 j 10:05	0°♒	
morning set	-2760 Mar 12 j 23:41	21°♒36'35	
	-2760 Mar 17 j 00:38	0°♓	
max. Earth dist.	-2760 Mar 18 j 18:21	3°♓42'47	1.32830 AU
superior conj	-2760 Mar 20 j 10:57	7°♓21'52	0°-25'-2
minimum elong	-2760 Mar 20 j 12:06	7°♓28'04	0°24'50
asc. node	-2760 Mar 22 j 20:42	12°♓35'29	
evening rise	-2760 Mar 27 j 12:11	22°♓34'24	
	-2760 Mar 31 j 02:52	0°♈	
	-2760 Apr 19 j 10:51	0°♉	
evening max el	-2760 Apr 21 j 03:36	1°♉42'43	24°09'50
desc. node	-2760 May 03 j 10:52	8°♉35'07	
retrograde	-2760 May 05 j 00:01	8°♉40'37	
evening set	-2760 May 09 j 08:51	7°♉58'00	
min. Earth dist.	-2760 May 15 j 15:08	4°♉54'30	0.56549 AU
inferior conj	-2760 May 18 j 04:09	3°♉19'12	-3°-35'-24

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2760 May 17 j 22:13	3°♉28'31	3°34'06
	-2760 May 24 j 07:24	30°℞♈	
morning rise	-2760 May 26 j 15:34	29°♈16'41	
direct	-2760 May 29 j 04:05	28°♈59'49	
	-2760 Jun 02 j 18:39	0°♉	
morning max el	-2760 Jun 07 j 20:29	3°♉29'02	19°41'06
asc. node	-2760 Jun 18 j 20:07	18°♉48'05	
	-2760 Jun 24 j 16:52	0°♊	
morning set	-2760 Jun 25 j 09:49	1°♊24'50	
superior conj	-2760 Jul 03 j 11:03	17°♊36'35	1°45'44
minimum elong	-2760 Jul 03 j 09:39	17°♊29'43	1°45'45
max. Earth dist.	-2760 Jul 09 j 05:15	28°♊42'36	1.37322 AU
	-2760 Jul 09 j 21:51	0°♋	
evening rise	-2760 Jul 13 j 03:02	5°♋52'14	
	-2760 Jul 27 j 17:35	0°♌	
desc. node	-2760 Jul 30 j 10:03	4°♌00'45	
evening max el	-2760 Aug 17 j 23:04	27°♌26'59	25°25'17
	-2760 Aug 20 j 18:03	0°♍	
retrograde	-2760 Aug 29 j 23:59	4°♍24'25	
evening set	-2760 Sep 04 j 22:20	1°♍53'35	
	-2760 Sep 06 j 20:13	30°℞♌	
min. Earth dist.	-2760 Sep 09 j 08:37	26°♌56'30	0.66893 AU
inferior conj	-2760 Sep 10 j 09:53	25°♌34'28	-1°-28'-30
minimum elong	-2760 Sep 10 j 12:00	25°♌27'36	1°27'36
asc. node	-2760 Sep 14 j 19:15	20°♌32'51	
morning rise	-2760 Sep 16 j 02:15	19°♌33'37	
direct	-2760 Sep 19 j 10:44	18°♌28'29	
morning max el	-2760 Sep 26 j 17:51	22°♌39'02	19°32'49
	-2760 Oct 02 j 18:16	0°♍	
greatest brilliancy	-2760 Oct 05 j 14:37	4°♍01'18	-0.7m
morning set	-2760 Oct 21 j 02:39	27°♍38'34	
	-2760 Oct 22 j 15:01	0°♎	
desc. node	-2760 Oct 26 j 09:34	5°♎53'08	
max. Earth dist.	-2760 Nov 03 j 06:17	18°♎15'14	1.44373 AU
superior conj	-2760 Nov 06 j 21:53	24°♎03'58	-1°-9'-30
minimum elong	-2760 Nov 06 j 14:34	23°♎34'44	1°08'44
	-2760 Nov 10 j 14:20	0°♏	
evening rise	-2760 Nov 21 j 03:15	17°♏22'43	
	-2760 Nov 28 j 16:28	0°♐	
evening max el	-2760 Dec 10 j 01:27	16°♐16'58	18°23'58
asc. node	-2760 Dec 11 j 18:21	17°♐50'31	
retrograde	-2760 Dec 16 j 15:03	19°♐52'57	
evening set	-2760 Dec 19 j 12:17	19°♐07'47	
inferior conj	-2760 Dec 25 j 14:11	13°♐36'59	3°38'18
minimum elong	-2760 Dec 25 j 11:36	13°♐44'21	3°37'48
min. Earth dist.	-2760 Dec 27 j 18:49	11°♐07'13	0.64042 AU
morning rise	-2760 Dec 31 j 09:29	7°♐34'01	
direct	-2759 Jan 07 j 07:56	4°♐44'19	
morning max el	-2759 Jan 20 j 21:45	12°♐29'44	27°28'46
desc. node	-2759 Jan 22 j 08:56	13°♐59'52	
	-2759 Feb 03 j 23:28	0°♑	
	-2759 Feb 21 j 21:16	0°♒	
morning set	-2759 Feb 24 j 19:37	5°♒40'34	
max. Earth dist.	-2759 Mar 01 j 21:02	15°♒57'04	1.33532 AU
superior conj	-2759 Mar 04 j 17:33	21°♒58'07	0°-50'-22
minimum elong	-2759 Mar 04 j 19:49	22°♒10'07	0°50'00
	-2759 Mar 08 j 11:40	0°♓	
asc. node	-2759 Mar 09 j 17:42	2°♓40'31	
evening rise	-2759 Mar 11 j 23:30	7°♓25'10	
	-2759 Mar 24 j 01:48	0°♈	
evening max el	-2759 Apr 02 j 20:16	12°♈23'30	22°35'22
retrograde	-2759 Apr 15 j 22:03	18°♈48'09	
evening set	-2759 Apr 19 j 00:26	18°♈27'05	
desc. node	-2759 Apr 20 j 07:57	18°♈06'10	
min. Earth dist.	-2759 Apr 27 j 05:06	14°♈52'37	0.55401 AU
inferior conj	-2759 Apr 28 j 07:59	14°♈14'12	-2°-9'-53
minimum elong	-2759 Apr 28 j 02:30	14°♈22'03	2°08'10
morning rise	-2759 May 07 j 06:51	10°♈18'10	
direct	-2759 May 09 j 22:45	10°♈01'44	
morning max el	-2759 May 21 j 07:13	15°♈19'58	20°56'24
	-2759 Jun 01 j 06:27	0°♉	
asc. node	-2759 Jun 05 j 17:09	8°♉08'14	
morning set	-2759 Jun 09 j 16:37	16°♉05'53	
	-2759 Jun 16 j 09:26	0°♊	
superior conj	-2759 Jun 17 j 06:24	1°♊47'59	1°35'46
minimum elong	-2759 Jun 17 j 04:02	1°♊35'50	1°35'36
max. Earth dist.	-2759 Jun 21 j 13:59	10°♊30'21	1.35641 AU
evening rise	-2759 Jun 25 j 21:45	18°♊50'25	
	-2759 Jul 02 j 01:58	0°♋	
desc. node	-2759 Jul 17 j 07:06	23°♋52'33	
	-2759 Jul 21 j 20:04	0°♌	
evening max el	-2759 Jul 31 j 10:21	10°♌59'37	26°28'14
retrograde	-2759 Aug 13 j 05:56	18°♌13'47	
evening set	-2759 Aug 19 j 18:10	15°♌30'59	
min. Earth dist.	-2759 Aug 23 j 20:27	11°♌12'01	0.66091 AU
inferior conj	-2759 Aug 25 j 09:46	9°♌18'11	-2°-20'-38
minimum elong	-2759 Aug 25 j 13:02	9°♌08'16	2°19'25
morning rise	-2759 Aug 31 j 08:51	3°♌28'44	
asc. node	-2759 Sep 01 j 16:19	2°♌53'55	
direct	-2759 Sep 03 j 08:41	2°♌37'49	
morning max el	-2759 Sep 10 j 03:17	6°♌24'37	18°43'38
	-2759 Sep 26 j 13:05	0°♍	
morning set	-2759 Sep 30 j 23:19	7°♍04'17	
desc. node	-2759 Oct 13 j 06:33	26°♍35'11	
	-2759 Oct 15 j 10:33	0°♎	
superior conj	-2759 Oct 16 j 23:31	2°♎25'33	0°-23'-36
minimum elong	-2759 Oct 16 j 20:24	2°♎13'18	0°23'11
max. Earth dist.	-2759 Oct 16 j 23:38	2°♎26'01	1.44885 AU
evening rise	-2759 Nov 01 j 22:37	27°♎42'42	
	-2759 Nov 03 j 08:56	0°♏	
evening max el	-2759 Nov 23 j 12:21	29°♏41'59	18°56'57
	-2759 Nov 23 j 19:27	0°♐	
asc. node	-2759 Nov 28 j 15:24	3°♐19'00	
retrograde	-2759 Nov 30 j 09:03	3°♐35'45	
evening set	-2759 Dec 03 j 12:07	2°♐39'28	
	-2759 Dec 06 j 15:07	30°℞♏	
inferior conj	-2759 Dec 09 j 07:08	26°♏51'50	3°07'03
minimum elong	-2759 Dec 09 j 04:05	27°♏01'17	3°06'13
min. Earth dist.	-2759 Dec 10 j 21:01	24°♏54'37	0.65428 AU
morning rise	-2759 Dec 14 j 19:05	20°♏42'03	
direct	-2759 Dec 21 j 08:09	17°♏53'04	
morning max el	-2758 Jan 03 j 07:17	25°♏26'52	26°42'13
	-2758 Jan 07 j 12:04	0°♐	
desc. node	-2758 Jan 09 j 05:59	2°♐04'37	
	-2758 Jan 28 j 11:06	0°♑	
morning set	-2758 Feb 08 j 04:33	19°♑06'32	
max. Earth dist.	-2758 Feb 12 j 13:05	27°♑36'03	1.34674 AU
	-2758 Feb 13 j 17:45	0°♒	
superior conj	-2758 Feb 16 j 18:39	6°♒12'59	-1°-14'-12
minimum elong	-2758 Feb 16 j 21:45	6°♒28'59	1°13'48
evening rise	-2758 Feb 24 j 08:44	22°♒04'04	
asc. node	-2758 Feb 24 j 14:44	22°♒35'03	
	-2758 Feb 28 j 06:59	0°♓	
evening max el	-2758 Mar 15 j 20:01	23°♓22'45	21°06'58
retrograde	-2758 Mar 27 j 11:38	28°♓58'10	
evening set	-2758 Mar 29 j 21:09	28°♓44'51	
desc. node	-2758 Apr 07 j 05:01	25°♓17'41	
inferior conj	-2758 Apr 08 j 03:04	24°♓46'36	0°-15'-27

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2758 Apr 08 j 02:21	24°♓47'38	0°15'13
transit middle	-2758 Apr 08 j 02:21	24°♓47'38	0°15'13
transit begin	-2758 Apr 08 j 01:13	24°♓49'14	
transit end	-2758 Apr 08 j 03:29	24°♓46'02	
min. Earth dist.	-2758 Apr 08 j 18:56	24°♓24'09	0.55128 AU
morning rise	-2758 Apr 17 j 06:53	20°♓40'14	
direct	-2758 Apr 20 j 10:32	20°♓18'36	
morning max el	-2758 May 03 j 07:17	26°♓29'36	22°28'01
	-2758 May 06 j 15:30	0°♈	
asc. node	-2758 May 23 j 14:11	27°♈50'35	
	-2758 May 24 j 15:20	0°♉	
morning set	-2758 May 25 j 02:59	1°♉00'28	
superior conj	-2758 Jun 01 j 09:22	16°♉24'02	1°20'29
minimum elong	-2758 Jun 01 j 06:45	16°♉10'09	1°20'10
max. Earth dist.	-2758 Jun 04 j 08:45	22°♉37'27	1.34313 AU
	-2758 Jun 07 j 23:59	0°♊	
evening rise	-2758 Jun 09 j 07:29	2°♊35'12	
	-2758 Jun 24 j 22:55	0°♋	
desc. node	-2758 Jul 04 j 04:09	13°♋12'54	
evening max el	-2758 Jul 13 j 22:03	24°♋24'26	27°10'26
	-2758 Jul 21 j 04:31	0°♌	
retrograde	-2758 Jul 27 j 06:22	1°♌45'21	
	-2758 Aug 01 j 19:47	30°℞♋	
evening set	-2758 Aug 03 j 05:32	28°♋59'08	
min. Earth dist.	-2758 Aug 07 j 00:46	25°♋18'03	0.64926 AU
inferior conj	-2758 Aug 09 j 03:22	22°♋56'03	-3°-8'-40
minimum elong	-2758 Aug 09 j 07:21	22°♋44'51	3°07'26
morning rise	-2758 Aug 15 j 10:37	17°♋21'26	
direct	-2758 Aug 18 j 04:14	16°♋41'26	
asc. node	-2758 Aug 19 j 13:24	16°♋51'39	
morning max el	-2758 Aug 24 j 16:53	20°♋12'49	18°11'05
	-2758 Sep 01 j 02:11	0°♌	
morning set	-2758 Sep 11 j 23:54	17°♌51'49	
	-2758 Sep 19 j 08:15	0°♍	
superior conj	-2758 Sep 26 j 03:23	10°♍58'29	0°25'36
minimum elong	-2758 Sep 26 j 06:28	11°♍10'47	0°25'13
max. Earth dist.	-2758 Sep 29 j 18:08	16°♍43'13	1.44661 AU
desc. node	-2758 Sep 30 j 03:35	17°♍20'31	
	-2758 Oct 08 j 05:16	0°♎	
evening rise	-2758 Oct 12 j 18:27	7°♎04'32	
	-2758 Oct 27 j 18:21	0°♏	
greatest brilliancy	-2758 Oct 29 j 22:57	3°♏10'48	-0.6m
evening max el	-2758 Nov 06 j 19:21	13°♏09'07	19°46'09
retrograde	-2758 Nov 14 j 05:54	17°♏29'12	
asc. node	-2758 Nov 15 j 12:28	17°♏19'50	
evening set	-2758 Nov 17 j 16:46	16°♏19'31	
inferior conj	-2758 Nov 23 j 06:48	10°♏18'01	2°26'53
minimum elong	-2758 Nov 23 j 03:58	10°♏27'21	2°25'54
min. Earth dist.	-2758 Nov 24 j 07:14	8°♏57'44	0.66442 AU
morning rise	-2758 Nov 28 j 14:31	4°♏03'41	
direct	-2758 Dec 04 j 14:01	1°♏26'50	
morning max el	-2758 Dec 16 j 16:18	8°♏36'27	25°32'33
desc. node	-2758 Dec 27 j 03:02	21°♏01'20	
	-2757 Jan 02 j 13:01	0°♐	
	-2757 Jan 20 j 23:34	0°♑	
morning set	-2757 Jan 21 j 21:47	1°♑40'27	
max. Earth dist.	-2757 Jan 25 j 17:42	8°♑46'53	1.36267 AU
superior conj	-2757 Jan 31 j 11:31	19°♑57'56	-1°-34'-55
minimum elong	-2757 Jan 31 j 14:52	20°♑14'38	1°34'38
	-2757 Feb 05 j 10:27	0°♒	
evening rise	-2757 Feb 08 j 13:55	6°♒24'29	
asc. node	-2757 Feb 11 j 11:46	12°♒13'33	
	-2757 Feb 21 j 23:16	0°♓	
evening max el	-2757 Feb 26 j 06:02	4°♓54'47	19°53'10
retrograde	-2757 Mar 08 j 04:50	9°♓39'05	
evening set	-2757 Mar 10 j 10:49	9°♓25'39	
inferior conj	-2757 Mar 19 j 03:26	5°♓24'14	1°36'41
minimum elong	-2757 Mar 19 j 07:17	5°♓18'17	1°35'26
min. Earth dist.	-2757 Mar 21 j 09:03	4°♓01'55	0.55792 AU
desc. node	-2757 Mar 25 j 02:06	2°♓00'08	
morning rise	-2757 Mar 28 j 00:43	0°♓51'38	
direct	-2757 Apr 01 j 03:17	0°♓14'21	
morning max el	-2757 Apr 14 j 23:53	7°♓09'03	24°07'42
	-2757 May 01 j 10:51	0°♈	
morning set	-2757 May 09 j 15:00	16°♈01'17	
asc. node	-2757 May 10 j 11:14	17°♈47'55	
	-2757 May 16 j 03:19	0°♉	
superior conj	-2757 May 16 j 17:14	1°♉15'12	1°01'15
minimum elong	-2757 May 16 j 14:54	1°♉02'35	1°00'53
max. Earth dist.	-2757 May 18 j 12:40	5°♉08'25	1.33353 AU
evening rise	-2757 May 24 j 03:48	16°♉52'11	
	-2757 May 30 j 23:49	0°♊	
	-2757 Jun 19 j 13:23	0°♋	
desc. node	-2757 Jun 21 j 01:12	1°♋47'42	
evening max el	-2757 Jun 26 j 08:17	7°♋27'55	27°25'14
retrograde	-2757 Jul 10 j 00:55	14°♋50'01	
evening set	-2757 Jul 17 j 05:08	12°♋12'15	
min. Earth dist.	-2757 Jul 20 j 19:34	9°♋04'31	0.63382 AU
inferior conj	-2757 Jul 23 j 11:59	6°♋21'47	-3°-49'-26
minimum elong	-2757 Jul 23 j 15:55	6°♋11'49	3°48'34
morning rise	-2757 Jul 30 j 04:45	1°♋05'25	
direct	-2757 Aug 01 j 18:25	0°♋33'30	
asc. node	-2757 Aug 06 j 10:30	2°♋19'12	
morning max el	-2757 Aug 08 j 08:05	3°♋58'03	17°56'12
morning set	-2757 Aug 25 j 01:20	29°♋50'11	
	-2757 Aug 25 j 03:34	0°♌	
superior conj	-2757 Sep 06 j 04:53	20°♌37'03	1°06'11
minimum elong	-2757 Sep 06 j 10:27	21°♌00'09	1°05'36
	-2757 Sep 11 j 22:37	0°♍	
max. Earth dist.	-2757 Sep 12 j 10:12	0°♍46'38	1.43733 AU
desc. node	-2757 Sep 17 j 00:36	8°♍05'48	
evening rise	-2757 Sep 22 j 00:09	15°♍52'17	
	-2757 Oct 01 j 06:48	0°♎	
greatest brilliancy	-2757 Oct 15 j 02:44	19°♎46'39	-0.5m
evening max el	-2757 Oct 20 j 20:46	26°♎36'06	20°49'25
	-2757 Oct 24 j 20:05	0°♏	
retrograde	-2757 Oct 29 j 03:16	1°♏29'49	
evening set	-2757 Nov 02 j 00:04	0°♏04'21	
asc. node	-2757 Nov 02 j 09:33	29°♎45'52	
	-2757 Nov 02 j 02:23	30°℞♎	
inferior conj	-2757 Nov 07 j 10:48	23°♎52'27	1°40'30
minimum elong	-2757 Nov 07 j 08:39	23°♎59'46	1°39'37
min. Earth dist.	-2757 Nov 07 j 23:22	23°♎09'33	0.67099 AU
morning rise	-2757 Nov 12 j 16:49	17°♎35'53	
direct	-2757 Nov 18 j 00:59	15°♎17'58	
morning max el	-2757 Nov 29 j 01:03	21°♎51'35	24°09'28
	-2757 Dec 06 j 03:11	0°♏	
desc. node	-2757 Dec 14 j 00:05	10°♏34'55	
	-2757 Dec 26 j 20:18	0°♐	
morning set	-2756 Jan 03 j 17:27	13°♐06'53	
max. Earth dist.	-2756 Jan 07 j 14:36	19°♐56'27	1.38213 AU
	-2756 Jan 13 j 01:55	0°♑	
superior conj	-2756 Jan 14 j 16:37	3°♑03'36	-1°-50'-14
minimum elong	-2756 Jan 14 j 19:11	3°♑15'52	1°50'10
evening rise	-2756 Jan 23 j 12:41	20°♑20'07	
	-2756 Jan 28 j 13:11	0°♒	
asc. node	-2756 Jan 29 j 08:49	1°♒30'16	
evening max el	-2756 Feb 09 j 02:24	17°♒03'06	18°58'14

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

retrograde	-2756 Feb 17 j 13:00	21°♒06'35	
evening set	-2756 Feb 19 j 21:22	20°♒49'03	
inferior conj	-2756 Feb 27 j 20:37	16°♒32'27	2°59'21
minimum elong	-2756 Feb 28 j 01:17	16°♒24'10	2°58'13
min. Earth dist.	-2756 Mar 02 j 00:46	14°♒18'11	0.57240 AU
morning rise	-2756 Mar 07 j 01:15	11°♒28'35	
desc. node	-2756 Mar 10 j 23:11	10°♒26'09	
direct	-2756 Mar 12 j 08:40	10°♒21'27	
morning max el	-2756 Mar 26 j 15:03	17°♒44'31	25°41'48
	-2756 Apr 05 j 18:15	0°♓	
	-2756 Apr 22 j 15:04	0°♈	
morning set	-2756 Apr 23 j 02:58	1°♈02'17	
asc. node	-2756 Apr 26 j 08:17	7°♈54'59	
superior conj	-2756 Apr 30 j 03:56	16°♈14'22	0°39'08
minimum elong	-2756 Apr 30 j 02:18	16°♈05'24	0°38'50
max. Earth dist.	-2756 Apr 30 j 22:54	17°♈57'48	1.32753 AU
	-2756 May 06 j 13:54	0°♉	
evening rise	-2756 May 07 j 07:25	1°♉30'50	
	-2756 May 22 j 23:23	0°♊	
desc. node	-2756 Jun 06 j 22:14	19°♊17'48	
evening max el	-2756 Jun 07 j 14:37	19°♊57'35	27°08'10
retrograde	-2756 Jun 21 j 12:56	27°♊18'27	
evening set	-2756 Jun 28 j 12:56	25°♊03'21	
min. Earth dist.	-2756 Jul 02 j 04:18	22°♊17'53	0.61510 AU
inferior conj	-2756 Jul 05 j 08:24	19°♊27'59	-4°-18'-3
minimum elong	-2756 Jul 05 j 10:59	19°♊22'11	4°17'44
morning rise	-2756 Jul 12 j 11:52	14°♊32'39	
direct	-2756 Jul 14 j 23:36	14°♊06'40	
morning max el	-2756 Jul 21 j 22:01	17°♊33'46	17°59'51
asc. node	-2756 Jul 23 j 07:36	19°♊02'17	
	-2756 Jul 30 j 19:21	0°♋	
morning set	-2756 Aug 06 j 21:58	12°♋43'47	
	-2756 Aug 16 j 11:40	0°♌	
superior conj	-2756 Aug 17 j 10:02	1°♌37'54	1°32'53
minimum elong	-2756 Aug 17 j 14:21	1°♌56'40	1°32'36
max. Earth dist.	-2756 Aug 24 j 20:54	14°♌17'37	1.42238 AU
evening rise	-2756 Aug 31 j 10:14	24°♌54'08	
desc. node	-2756 Sep 02 j 21:35	28°♌47'32	
	-2756 Sep 03 j 16:12	0°♍	
	-2756 Sep 24 j 06:38	0°♎	
greatest brilliancy	-2756 Sep 27 j 21:39	4°♎38'17	-0.4m
evening max el	-2756 Oct 02 j 16:02	10°♎02'08	22°03'30
retrograde	-2756 Oct 11 j 23:14	15°♎33'58	
evening set	-2756 Oct 16 j 08:03	13°♎50'39	
asc. node	-2756 Oct 19 j 06:39	10°♎47'06	
inferior conj	-2756 Oct 21 j 17:03	7°♎32'01	0°49'49
minimum elong	-2756 Oct 21 j 15:55	7°♎35'57	0°49'19
min. Earth dist.	-2756 Oct 21 j 18:57	7°♎25'25	0.67436 AU
morning rise	-2756 Oct 26 j 23:35	1°♎15'54	
	-2756 Oct 28 j 21:17	30°℞♍	
direct	-2756 Oct 31 j 16:30	29°♍19'40	
	-2756 Nov 03 j 16:29	0°♎	
morning max el	-2756 Nov 10 j 11:36	5°♎09'38	22°42'30
greatest brilliancy	-2756 Nov 15 j 04:44	10°♎27'13	-0.3m
	-2756 Nov 29 j 11:52	0°♏	
desc. node	-2756 Nov 29 j 21:05	0°♏34'02	
morning set	-2756 Dec 14 j 09:34	23°♏10'33	
	-2756 Dec 18 j 11:55	0°♐	
max. Earth dist.	-2756 Dec 19 j 10:42	1°♐36'45	1.40301 AU
superior conj	-2756 Dec 27 j 05:12	15°♐16'58	-1°-57'-5
minimum elong	-2756 Dec 27 j 05:29	15°♐18'14	1°57'10
	-2755 Jan 04 j 03:02	0°♑	
evening rise	-2755 Jan 06 j 02:01	3°♑42'45	
asc. node	-2755 Jan 15 j 05:51	20°♑17'14	
evening max el	-2755 Jan 22 j 07:01	29°♑41'44	18°23'25
	-2755 Jan 22 j 14:41	0°♒	
retrograde	-2755 Jan 29 j 15:39	3°♒19'35	
evening set	-2755 Feb 01 j 03:30	2°♒55'46	
	-2755 Feb 06 j 07:49	30°℞♑	
inferior conj	-2755 Feb 08 j 10:28	28°♑18'38	3°45'00
minimum elong	-2755 Feb 08 j 13:04	28°♑13'15	3°44'37
min. Earth dist.	-2755 Feb 11 j 20:10	25°♑30'57	0.59159 AU
morning rise	-2755 Feb 15 j 19:09	22°♑49'55	
direct	-2755 Feb 22 j 03:18	21°♑04'00	
desc. node	-2755 Feb 25 j 20:15	21°♑38'56	
morning max el	-2755 Mar 08 j 09:57	28°♑41'55	26°55'13
	-2755 Mar 09 j 17:00	0°♒	
	-2755 Mar 30 j 09:48	0°♓	
morning set	-2755 Apr 07 j 13:10	15°♓57'06	
asc. node	-2755 Apr 13 j 05:18	28°♓07'03	
	-2755 Apr 14 j 01:57	0°♈	
superior conj	-2755 Apr 14 j 15:41	1°♈15'15	0°15'01
minimum elong	-2755 Apr 14 j 15:01	1°♈11'35	0°14'53
behind sun begin	-2755 Apr 14 j 13:21	1°♈02'30	
behind sun end	-2755 Apr 14 j 16:40	1°♈20'39	
max. Earth dist.	-2755 Apr 14 j 11:55	0°♈54'39	1.32502 AU
evening rise	-2755 Apr 21 j 15:46	16°♈22'28	
	-2755 Apr 28 j 12:19	0°♉	
	-2755 May 18 j 20:51	0°♊	
evening max el	-2755 May 20 j 15:06	1°♊45'39	26°18'41
desc. node	-2755 May 24 j 19:16	5°♊16'28	
retrograde	-2755 Jun 03 j 16:57	9°♊02'53	
evening set	-2755 Jun 10 j 00:42	7°♊22'59	
min. Earth dist.	-2755 Jun 14 j 04:11	4°♊43'05	0.59461 AU
inferior conj	-2755 Jun 17 j 13:03	2°♊05'57	-4°-26'-57
minimum elong	-2755 Jun 17 j 12:40	2°♊06'41	4°26'54
	-2755 Jun 20 j 08:35	30°℞♉	
morning rise	-2755 Jun 25 j 04:15	27°♉32'49	
direct	-2755 Jun 27 j 15:37	27°♉11'11	
	-2755 Jul 04 j 08:30	0°♊	
morning max el	-2755 Jul 05 j 07:45	0°♊51'57	18°23'04
asc. node	-2755 Jul 10 j 04:40	6°♊45'30	
morning set	-2755 Jul 21 j 08:45	26°♊19'55	
	-2755 Jul 23 j 06:49	0°♋	
superior conj	-2755 Jul 30 j 15:35	13°♋52'05	1°46'07
minimum elong	-2755 Jul 30 j 17:22	14°♋00'14	1°46'08
max. Earth dist.	-2755 Aug 07 j 01:53	27°♋06'14	1.40381 AU
	-2755 Aug 08 j 18:30	0°♌	
evening rise	-2755 Aug 11 j 17:11	4°♌56'12	
desc. node	-2755 Aug 20 j 18:35	19°♌22'28	
	-2755 Aug 27 j 21:24	0°♍	
evening max el	-2755 Sep 15 j 06:20	23°♍30'03	23°23'27
retrograde	-2755 Sep 25 j 16:18	29°♍39'40	
evening set	-2755 Sep 30 j 15:00	27°♍37'15	
inferior conj	-2755 Oct 05 j 23:48	21°♍15'42	0°-3'-22
minimum elong	-2755 Oct 05 j 23:52	21°♍15'26	0°03'20
transit middle	-2755 Oct 05 j 23:52	21°♍15'26	0°03'20
transit begin	-2755 Oct 05 j 21:13	21°♍24'31	
transit end	-2755 Oct 06 j 02:31	21°♍06'21	
min. Earth dist.	-2755 Oct 05 j 15:31	21°♍44'07	0.67475 AU
asc. node	-2755 Oct 06 j 03:44	21°♍02'13	
morning rise	-2755 Oct 11 j 08:47	15°♍02'59	
direct	-2755 Oct 15 j 11:39	13°♍28'18	
morning max el	-2755 Oct 24 j 03:15	18°♍34'04	21°20'01
greatest brilliancy	-2755 Oct 29 j 10:23	24°♍41'44	-0.4m
	-2755 Nov 02 j 10:41	0°♎	
desc. node	-2755 Nov 16 j 18:05	20°♎51'34	
	-2755 Nov 22 j 16:18	0°♏	
morning set	-2755 Nov 23 j 21:42	1°♏55'21	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2755 Dec 01 j 12:40	14°♏10'07	1.42248 AU
superior conj	-2755 Dec 08 j 19:47	26°♏25'00	-1°-51'-34
minimum elong	-2755 Dec 08 j 16:15	26°♏09'49	1°51'29
	-2755 Dec 10 j 21:31	0°♐	
evening rise	-2755 Dec 20 j 02:23	16°♐24'51	
	-2755 Dec 27 j 17:27	0°♑	
asc. node	-2754 Jan 02 j 02:52	8°♑25'19	
evening max el	-2754 Jan 05 j 17:00	12°♑42'24	18°08'33
retrograde	-2754 Jan 12 j 10:43	16°♑09'41	
evening set	-2754 Jan 15 j 01:53	15°♑38'19	
inferior conj	-2754 Jan 21 j 19:21	10°♑39'12	3°59'17
minimum elong	-2754 Jan 21 j 19:20	10°♑39'13	3°59'12
min. Earth dist.	-2754 Jan 24 j 21:57	7°♑42'35	0.61202 AU
morning rise	-2754 Jan 28 j 10:15	4°♑53'33	
direct	-2754 Feb 04 j 08:27	2°♑32'35	
desc. node	-2754 Feb 12 j 17:19	5°♑31'01	
morning max el	-2754 Feb 18 j 10:52	10°♑17'04	27°36'42
	-2754 Mar 05 j 19:39	0°♒	
morning set	-2754 Mar 22 j 19:42	0°♓38'45	
	-2754 Mar 22 j 12:08	0°♓	
max. Earth dist.	-2754 Mar 29 j 00:06	13°♓46'10	1.32606 AU
superior conj	-2754 Mar 30 j 02:48	16°♓11'31	0°-10'-16
minimum elong	-2754 Mar 30 j 03:16	16°♓14'04	0°10'13
behind sun begin	-2754 Mar 29 j 23:22	15°♓52'49	
behind sun end	-2754 Mar 30 j 07:10	16°♓35'20	
asc. node	-2754 Mar 31 j 02:18	18°♓19'45	
	-2754 Apr 05 j 11:42	0°♈	
evening rise	-2754 Apr 06 j 02:43	1°♈19'24	
	-2754 Apr 21 j 21:35	0°♉	
evening max el	-2754 May 02 j 09:32	12°♉52'58	25°01'58
desc. node	-2754 May 11 j 16:20	19°♉08'22	
retrograde	-2754 May 16 j 10:17	20°♉00'35	
evening set	-2754 May 21 j 14:10	18°♉59'21	
min. Earth dist.	-2754 May 26 j 21:38	16°♉08'23	0.57504 AU
inferior conj	-2754 May 29 j 22:34	14°♉05'41	-4°-5'-36
minimum elong	-2754 May 29 j 18:18	14°♉12'55	4°04'57
morning rise	-2754 Jun 07 j 02:25	9°♉53'19	
direct	-2754 Jun 09 j 14:27	9°♉34'55	
morning max el	-2754 Jun 18 j 10:18	13°♉42'23	19°06'41
asc. node	-2754 Jun 27 j 01:42	25°♉14'34	
	-2754 Jun 29 j 18:40	0°♊	
morning set	-2754 Jul 05 j 05:37	10°♊27'23	
superior conj	-2754 Jul 13 j 15:42	27°♊02'40	1°48'24
minimum elong	-2754 Jul 13 j 15:15	27°♊00'27	1°48'27
	-2754 Jul 15 j 04:42	0°♋	
max. Earth dist.	-2754 Jul 20 j 04:09	9°♋15'38	1.38412 AU
evening rise	-2754 Jul 24 j 01:58	16°♋12'38	
	-2754 Aug 01 j 08:17	0°♌	
desc. node	-2754 Aug 07 j 15:35	9°♌45'30	
	-2754 Aug 22 j 10:21	0°♍	
evening max el	-2754 Aug 28 j 17:54	7°♍01'09	24°42'51
retrograde	-2754 Sep 09 j 05:29	13°♍43'00	
evening set	-2754 Sep 14 j 19:12	11°♍21'52	
min. Earth dist.	-2754 Sep 19 j 10:30	6°♍03'38	0.67203 AU
inferior conj	-2754 Sep 20 j 05:18	5°♍01'02	0°-57'-31
minimum elong	-2754 Sep 20 j 06:41	4°♍56'27	0°56'55
asc. node	-2754 Sep 23 j 00:48	1°♍28'01	
	-2754 Sep 24 j 10:40	30°℞♌	
morning rise	-2754 Sep 25 j 18:30	28°♌54'59	
direct	-2754 Sep 29 j 09:10	27°♌39'49	
	-2754 Oct 04 j 18:20	0°♍	
morning max el	-2754 Oct 07 j 02:09	2°♍07'38	20°08'02
greatest brilliancy	-2754 Oct 14 j 04:21	10°♍48'54	-0.6m
	-2754 Oct 27 j 05:38	0°♎	
morning set	-2754 Nov 02 j 19:24	10°♎05'38	
desc. node	-2754 Nov 03 j 15:06	11°♎21'57	
max. Earth dist.	-2754 Nov 13 j 22:45	27°♎36'11	1.43774 AU
	-2754 Nov 15 j 10:36	0°♏	
superior conj	-2754 Nov 19 j 07:38	6°♏17'18	-1°-29'-53
minimum elong	-2754 Nov 19 j 00:35	5°♏48'31	1°29'19
evening rise	-2754 Dec 02 j 09:33	28°♏18'26	
	-2754 Dec 03 j 09:06	0°♐	
asc. node	-2754 Dec 19 j 23:53	25°♐43'02	
evening max el	-2754 Dec 20 j 05:27	25°♐57'17	18°12'58
retrograde	-2754 Dec 26 j 18:02	29°♐26'53	
evening set	-2754 Dec 29 j 12:49	28°♐47'01	
inferior conj	-2753 Jan 04 j 19:38	23°♐26'55	3°50'45
minimum elong	-2753 Jan 04 j 17:43	23°♐32'05	3°50'28
min. Earth dist.	-2753 Jan 07 j 08:46	20°♐43'08	0.63090 AU
morning rise	-2753 Jan 10 j 20:53	17°♐29'23	
direct	-2753 Jan 17 j 21:50	14°♐46'07	
desc. node	-2753 Jan 30 j 14:23	21°♐27'37	
morning max el	-2753 Jan 31 j 17:18	22°♐32'22	27°41'51
	-2753 Feb 07 j 08:35	0°♑	
	-2753 Feb 26 j 23:10	0°♒	
morning set	-2753 Mar 06 j 20:21	14°♒59'37	
max. Earth dist.	-2753 Mar 12 j 07:37	26°♒19'07	1.33082 AU
superior conj	-2753 Mar 14 j 11:37	0°♓57'20	0°-35'-52
minimum elong	-2753 Mar 14 j 13:15	1°♓06'08	0°35'36
	-2753 Mar 14 j 00:57	0°♓	
asc. node	-2753 Mar 17 j 23:18	8°♓29'12	
evening rise	-2753 Mar 21 j 14:28	16°♓14'56	
	-2753 Mar 28 j 12:01	0°♈	
evening max el	-2753 Apr 14 j 01:03	23°♈35'39	23°29'40
	-2753 Apr 24 j 13:45	0°♉	
retrograde	-2753 Apr 27 j 15:01	0°♉21'11	
desc. node	-2753 Apr 28 j 13:22	0°♉19'14	
	-2753 Apr 30 j 17:18	30°℞♈	
evening set	-2753 May 01 j 10:08	29°♈49'32	
min. Earth dist.	-2753 May 08 j 11:48	26°♈34'37	0.55971 AU
inferior conj	-2753 May 10 j 12:07	25°♈22'40	-3°-4'-1
minimum elong	-2753 May 10 j 05:45	25°♈32'11	3°02'21
morning rise	-2753 May 19 j 04:48	21°♈24'47	
direct	-2753 May 21 j 18:29	21°♈08'22	
morning max el	-2753 Jun 01 j 03:12	25°♈56'42	20°10'51
	-2753 Jun 04 j 20:40	0°♉	
asc. node	-2753 Jun 13 j 22:45	14°♉18'46	
morning set	-2753 Jun 19 j 09:31	24°♉58'17	
	-2753 Jun 21 j 20:39	0°♊	
superior conj	-2753 Jun 27 j 05:16	10°♊55'27	1°42'15
minimum elong	-2753 Jun 27 j 03:22	10°♊45'54	1°42'12
max. Earth dist.	-2753 Jul 02 j 09:05	21°♊04'15	1.36571 AU
evening rise	-2753 Jul 06 j 09:46	28°♊37'13	
	-2753 Jul 07 j 03:56	0°♋	
desc. node	-2753 Jul 25 j 12:35	29°♋50'42	
	-2753 Jul 25 j 15:10	0°♌	
evening max el	-2753 Aug 11 j 04:51	20°♌34'02	25°54'04
retrograde	-2753 Aug 23 j 14:04	27°♌39'16	
evening set	-2753 Aug 29 j 18:44	25°♌02'25	
min. Earth dist.	-2753 Sep 03 j 01:32	20°♌21'38	0.66600 AU
inferior conj	-2753 Sep 04 j 07:48	18°♌45'49	-1°-50'-57
minimum elong	-2753 Sep 04 j 10:25	18°♌37'30	1°49'53
asc. node	-2753 Sep 09 j 21:54	12°♌57'24	
morning rise	-2753 Sep 10 j 02:50	12°♌49'36	
direct	-2753 Sep 13 j 07:25	11°♌50'53	
morning max el	-2753 Sep 20 j 08:16	15°♌49'50	19°10'00
	-2753 Sep 30 j 23:21	0°♍	
morning set	-2753 Oct 13 j 02:28	18°♍50'09	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2753 Oct 20 j 05:19	0°♎	
desc. node	-2753 Oct 21 j 12:06	2°♎00'43	
max. Earth dist.	-2753 Oct 27 j 14:40	11°♎37'15	1.44682 AU
superior conj	-2753 Oct 29 j 18:06	15°♎00'36	0°-51'-16
minimum elong	-2753 Oct 29 j 11:55	14°♎36'05	0°50'32
	-2753 Nov 08 j 02:54	0°♏	
evening rise	-2753 Nov 13 j 19:01	9°♏14'44	
	-2753 Nov 26 j 15:25	0°♐	
evening max el	-2753 Dec 03 j 17:34	9°♐19'34	18°35'50
asc. node	-2753 Dec 06 j 20:58	11°♐55'54	
retrograde	-2753 Dec 10 j 09:18	13°♐02'10	
evening set	-2753 Dec 13 j 08:49	12°♐12'27	
inferior conj	-2753 Dec 19 j 07:30	6°♐33'49	3°26'22
minimum elong	-2753 Dec 19 j 04:38	6°♐42'20	3°25'42
min. Earth dist.	-2753 Dec 21 j 05:38	4°♐17'18	0.64675 AU
morning rise	-2753 Dec 24 j 23:15	0°♐27'35	
	-2753 Dec 25 j 12:51	30°℞♏	
direct	-2753 Dec 31 j 18:14	27°♏36'54	
	-2752 Jan 07 j 16:58	0°♐	
morning max el	-2752 Jan 14 j 02:41	5°♐18'32	27°12'27
desc. node	-2752 Jan 17 j 11:26	8°♐53'30	
	-2752 Feb 02 j 00:15	0°♑	
morning set	-2752 Feb 18 j 12:06	28°♑48'58	
	-2752 Feb 19 j 02:40	0°♒	
max. Earth dist.	-2752 Feb 23 j 06:25	8°♒20'07	1.33968 AU
superior conj	-2752 Feb 26 j 16:10	15°♒25'09	-1°00'-45
minimum elong	-2752 Feb 26 j 18:49	15°♒39'09	1°00'21
asc. node	-2752 Mar 03 j 20:18	28°♒30'16	
	-2752 Mar 04 j 13:23	0°♓	
evening rise	-2752 Mar 05 j 01:08	1°♓01'29	
	-2752 Mar 21 j 20:48	0°♈	
evening max el	-2752 Mar 25 j 19:51	4°♈20'21	21°56'16
retrograde	-2752 Apr 07 j 08:39	10°♈25'56	
evening set	-2752 Apr 10 j 02:01	10°♈09'23	
desc. node	-2752 Apr 14 j 10:26	8°♈42'12	
inferior conj	-2752 Apr 19 j 10:36	6°♈04'18	-1°-23'-15
minimum elong	-2752 Apr 19 j 06:47	6°♈09'40	1°21'58
min. Earth dist.	-2752 Apr 19 j 01:23	6°♈17'16	0.55171 AU
morning rise	-2752 Apr 28 j 12:48	2°♈06'31	
direct	-2752 May 01 j 08:13	1°♈48'56	
morning max el	-2752 May 13 j 09:18	7°♈29'22	21°33'51
	-2752 May 28 j 20:48	0°♉	
asc. node	-2752 May 30 j 19:47	3°♉48'54	
morning set	-2752 Jun 02 j 18:04	9°♉45'33	
superior conj	-2752 Jun 10 j 04:14	25°♉18'17	1°29'50
minimum elong	-2752 Jun 10 j 01:41	25°♉05'00	1°29'37
	-2752 Jun 12 j 10:50	0°♊	
max. Earth dist.	-2752 Jun 13 j 21:46	2°♊57'22	1.35025 AU
evening rise	-2752 Jun 18 j 11:25	11°♊56'16	
	-2752 Jun 28 j 13:34	0°♋	
desc. node	-2752 Jul 11 j 09:37	19°♋30'14	
	-2752 Jul 19 j 19:08	0°♌	
evening max el	-2752 Jul 23 j 16:12	4°♌03'35	26°49'08
retrograde	-2752 Aug 05 j 17:50	11°♌22'09	
evening set	-2752 Aug 12 j 11:21	8°♌36'16	
min. Earth dist.	-2752 Aug 16 j 10:19	4°♌33'57	0.65637 AU
inferior conj	-2752 Aug 18 j 05:18	2°♌27'11	-2°-41'-41
minimum elong	-2752 Aug 18 j 08:56	2°♌16'28	2°40'25
	-2752 Aug 20 j 08:59	30°℞♋	
morning rise	-2752 Aug 24 j 07:42	26°♋43'59	
asc. node	-2752 Aug 26 j 19:00	25°♋59'06	
direct	-2752 Aug 27 j 04:33	25°♋58'13	
morning max el	-2752 Sep 02 j 19:53	29°♋37'26	18°27'47
	-2752 Sep 03 j 04:38	0°♌	

morning set	-2752 Sep 22 j 10:56	28°♌50'39	
	-2752 Sep 23 j 04:01	0°♍	
desc. node	-2752 Oct 07 j 09:06	22°♍44'37	
superior conj	-2752 Oct 07 j 17:51	23°♍19'08	0°-2'-20
minimum elong	-2752 Oct 07 j 17:32	23°♍17'54	0°02'19
behind sun begin	-2752 Oct 07 j 06:20	22°♍33'40	
behind sun end	-2752 Oct 08 j 04:45	24°♍02'07	
max. Earth dist.	-2752 Oct 09 j 08:51	25°♍52'52	1.44870 AU
	-2752 Oct 11 j 23:40	0°♎	
evening rise	-2752 Oct 24 j 04:02	19°♎09'05	
	-2752 Oct 31 j 01:26	0°♏	
greatest brilliancy	-2752 Nov 05 j 20:31	8°♏58'30	-0.7m
evening max el	-2752 Nov 16 j 03:01	22°♏45'45	19°15'56
asc. node	-2752 Nov 22 j 18:03	26°♏49'01	
retrograde	-2752 Nov 23 j 05:00	26°♏50'12	
evening set	-2752 Nov 26 j 11:02	25°♏48'38	
inferior conj	-2752 Dec 02 j 03:42	19°♏54'36	2°50'59
minimum elong	-2752 Dec 02 j 00:41	20°♏04'16	2°50'02
min. Earth dist.	-2752 Dec 03 j 11:40	18°♏12'42	0.65899 AU
morning rise	-2752 Dec 07 j 13:28	13°♏42'18	
direct	-2752 Dec 13 j 21:00	10°♏57'21	
morning max el	-2752 Dec 26 j 12:22	18°♏23'16	26°14'52
desc. node	-2751 Jan 03 j 08:31	27°♏22'51	
	-2751 Jan 05 j 09:00	0°♐	
	-2751 Jan 24 j 23:47	0°♑	
morning set	-2751 Jan 31 j 15:03	11°♑55'01	
max. Earth dist.	-2751 Feb 04 j 17:32	19°♑45'22	1.35302 AU
superior conj	-2751 Feb 09 j 14:08	29°♑28'12	-1°-23'-30
minimum elong	-2751 Feb 09 j 17:26	29°♑45'01	1°23'07
	-2751 Feb 09 j 20:22	0°♒	
evening rise	-2751 Feb 17 j 08:56	15°♒33'08	
asc. node	-2751 Feb 18 j 17:20	18°♒18'26	
	-2751 Feb 24 j 19:34	0°♓	
evening max el	-2751 Mar 07 j 23:43	15°♓32'08	20°33'21
retrograde	-2751 Mar 18 j 22:25	20°♓45'28	
evening set	-2751 Mar 21 j 04:54	20°♓32'55	
inferior conj	-2751 Mar 30 j 06:11	16°♓35'17	0°34'24
minimum elong	-2751 Mar 30 j 07:45	16°♓33'01	0°33'51
min. Earth dist.	-2751 Mar 31 j 15:33	15°♓46'46	0.55301 AU
desc. node	-2751 Apr 01 j 07:32	15°♓23'52	
morning rise	-2751 Apr 08 j 08:41	12°♓18'45	
direct	-2751 Apr 11 j 20:34	11°♓52'10	
morning max el	-2751 Apr 25 j 05:45	18°♓24'11	23°10'09
	-2751 May 04 j 16:46	0°♈	
asc. node	-2751 May 17 j 16:49	23°♈37'52	
morning set	-2751 May 18 j 05:18	24°♈42'55	
	-2751 May 20 j 17:15	0°♉	
superior conj	-2751 May 25 j 09:34	10°♉01'29	1°12'44
minimum elong	-2751 May 25 j 07:00	9°♉47'48	1°12'24
max. Earth dist.	-2751 May 27 j 20:20	15°♉12'50	1.33854 AU
evening rise	-2751 Jun 02 j 02:06	25°♉55'48	
	-2751 Jun 04 j 04:03	0°♊	
	-2751 Jun 21 j 23:05	0°♋	
desc. node	-2751 Jun 28 j 06:39	8°♋32'54	
evening max el	-2751 Jul 06 j 03:24	17°♋20'06	27°20'31
retrograde	-2751 Jul 19 j 16:05	24°♋42'58	
evening set	-2751 Jul 26 j 18:10	21°♋58'35	
min. Earth dist.	-2751 Jul 30 j 10:50	18°♋32'34	0.64302 AU
inferior conj	-2751 Aug 01 j 19:24	16°♋00'15	-3°-27'-9
minimum elong	-2751 Aug 01 j 23:29	15°♋49'14	3°26'03
morning rise	-2751 Aug 08 j 06:33	10°♋33'04	
direct	-2751 Aug 10 j 22:05	9°♋56'59	
asc. node	-2751 Aug 13 j 16:06	10°♋35'57	
morning max el	-2751 Aug 17 j 10:30	13°♋24'49	18°02'33

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2751 Aug 28 j 22:52	0°♌	
morning set	-2751 Sep 03 j 22:40	10°♌09'23	
	-2751 Sep 15 j 19:58	0°♍	
superior conj	-2751 Sep 17 j 05:13	2°♍15'03	0°44'21
minimum elong	-2751 Sep 17 j 09:56	2°♍34'09	0°43'47
max. Earth dist.	-2751 Sep 22 j 02:05	10°♍03'54	1.44337 AU
desc. node	-2751 Sep 24 j 06:06	13°♍30'01	
evening rise	-2751 Oct 03 j 15:53	28°♍10'36	
	-2751 Oct 04 j 20:15	0°♎	
greatest brilliancy	-2751 Oct 23 j 12:50	27°♎51'30	-0.6m
	-2751 Oct 25 j 03:00	0°♏	
evening max el	-2751 Oct 30 j 07:47	6°♏12'34	20°11'34
retrograde	-2751 Nov 07 j 02:17	10°♏46'23	
asc. node	-2751 Nov 09 j 15:09	10°♏09'13	
evening set	-2751 Nov 10 j 17:02	9°♏30'29	
inferior conj	-2751 Nov 16 j 05:28	3°♏24'19	2°07'53
minimum elong	-2751 Nov 16 j 02:53	3°♏33'00	2°06'54
min. Earth dist.	-2751 Nov 17 j 00:46	2°♏19'42	0.66761 AU
	-2751 Nov 18 j 20:05	30°℞♎	
morning rise	-2751 Nov 21 j 12:09	27°♎08'35	
direct	-2751 Nov 27 j 05:17	24°♎38'52	
	-2751 Dec 07 j 05:41	0°♏	
morning max el	-2751 Dec 08 j 20:59	1°♏35'00	24°58'12
desc. node	-2751 Dec 21 j 05:34	16°♏36'35	
	-2751 Dec 30 j 10:40	0°♐	
morning set	-2750 Jan 13 j 23:55	24°♐02'22	
	-2750 Jan 17 j 06:58	0°♑	
max. Earth dist.	-2750 Jan 17 j 17:36	0°♑49'06	1.37059 AU
superior conj	-2750 Jan 24 j 02:30	12°♑57'52	-1°-42'-14
minimum elong	-2750 Jan 24 j 05:40	13°♑13'25	1°42'03
evening rise	-2750 Feb 01 j 11:40	29°♑43'35	
	-2750 Feb 01 j 14:57	0°♒	
asc. node	-2750 Feb 05 j 14:23	7°♒48'25	
evening max el	-2750 Feb 18 j 14:27	27°♒20'48	19°27'25
	-2750 Feb 21 j 23:58	0°♓	
retrograde	-2750 Feb 27 j 20:42	1°♓45'28	
evening set	-2750 Mar 02 j 03:23	1°♓30'39	
	-2750 Mar 06 j 04:45	30°℞♒	
inferior conj	-2750 Mar 10 j 12:48	27°♒24'15	2°16'14
minimum elong	-2750 Mar 10 j 17:29	27°♒16'36	2°14'51
min. Earth dist.	-2750 Mar 13 j 06:24	25°♒38'00	0.56331 AU
morning rise	-2750 Mar 19 j 03:52	22°♒38'03	
desc. node	-2750 Mar 19 j 04:37	22°♒37'26	
direct	-2750 Mar 23 j 18:52	21°♒49'25	
morning max el	-2750 Apr 06 j 20:53	28°♒58'31	24°49'12
	-2750 Apr 07 j 21:48	0°♓	
	-2750 Apr 27 j 22:07	0°♈	
morning set	-2750 May 02 j 17:30	9°♈44'48	
asc. node	-2750 May 04 j 13:51	13°♈40'02	
superior conj	-2750 May 09 j 18:54	24°♈57'20	0°52'11
minimum elong	-2750 May 09 j 16:49	24°♈46'01	0°51'50
max. Earth dist.	-2750 May 11 j 03:22	27°♈53'07	1.33057 AU
	-2750 May 12 j 02:56	0°♉	
evening rise	-2750 May 17 j 01:56	10°♉23'59	
	-2750 May 27 j 11:23	0°♊	
desc. node	-2750 Jun 15 j 03:40	26°♊43'17	
	-2750 Jun 18 j 07:39	0°♋	
evening max el	-2750 Jun 18 j 12:29	0°♋11'37	27°22'07
retrograde	-2750 Jul 02 j 08:01	7°♋33'10	
evening set	-2750 Jul 09 j 11:34	5°♋03'41	
min. Earth dist.	-2750 Jul 13 j 01:35	2°♋06'46	0.62617 AU
	-2750 Jul 15 j 06:28	30°℞♊	
inferior conj	-2750 Jul 15 j 23:17	29°♊19'09	-4°-3'-29
minimum elong	-2750 Jul 16 j 02:49	29°♊10'35	4°02'51
morning rise	-2750 Jul 22 j 20:26	24°♊11'07	
direct	-2750 Jul 25 j 09:02	23°♊41'57	
asc. node	-2750 Jul 31 j 13:10	26°♊37'27	
morning max el	-2750 Aug 01 j 01:27	27°♊06'38	17°55'21
	-2750 Aug 03 j 14:45	0°♋	
morning set	-2750 Aug 17 j 08:59	22°♋33'12	
	-2750 Aug 21 j 13:35	0°♌	
superior conj	-2750 Aug 28 j 18:25	12°♌28'00	1°19'16
minimum elong	-2750 Aug 28 j 23:46	12°♌50'37	1°18'47
max. Earth dist.	-2750 Sep 04 j 16:00	23°♌54'46	1.43160 AU
	-2750 Sep 08 j 10:51	0°♍	
desc. node	-2750 Sep 11 j 03:05	4°♍13'56	
evening rise	-2750 Sep 12 j 20:58	6°♍57'40	
	-2750 Sep 28 j 04:16	0°♎	
greatest brilliancy	-2750 Oct 08 j 02:24	13°♎39'02	-0.4m
evening max el	-2750 Oct 13 j 06:39	19°♎39'04	21°19'57
retrograde	-2750 Oct 21 j 23:05	24°♎48'11	
evening set	-2750 Oct 26 j 00:47	23°♎15'23	
asc. node	-2750 Oct 27 j 12:14	21°♎55'41	
inferior conj	-2750 Oct 31 j 10:37	17°♎00'27	1°19'24
minimum elong	-2750 Oct 31 j 08:52	17°♎06'28	1°18'40
min. Earth dist.	-2750 Oct 31 j 18:36	16°♎33'01	0.67284 AU
morning rise	-2750 Nov 05 j 16:37	10°♎43'52	
direct	-2750 Nov 10 j 18:20	8°♎34'49	
morning max el	-2750 Nov 21 j 05:52	14°♎49'49	23°32'22
	-2750 Dec 03 j 14:25	0°♏	
desc. node	-2750 Dec 08 j 02:36	6°♏21'47	
	-2750 Dec 23 j 09:49	0°♐	
morning set	-2750 Dec 26 j 08:23	4°♐54'06	
max. Earth dist.	-2750 Dec 30 j 13:08	12°♐07'22	1.39100 AU
superior conj	-2749 Jan 07 j 01:14	25°♐42'57	-1°-54'-23
minimum elong	-2749 Jan 07 j 03:02	25°♐51'23	1°54'25
	-2749 Jan 09 j 07:46	0°♑	
evening rise	-2749 Jan 16 j 06:48	13°♑25'50	
asc. node	-2749 Jan 23 j 11:25	26°♑53'21	
	-2749 Jan 25 j 07:26	0°♒	
evening max el	-2749 Feb 01 j 14:43	9°♒43'08	18°40'59
retrograde	-2749 Feb 09 j 12:38	13°♒33'31	
evening set	-2749 Feb 11 j 22:41	13°♒13'20	
inferior conj	-2749 Feb 19 j 14:41	8°♒48'14	3°23'04
minimum elong	-2749 Feb 19 j 18:40	8°♒40'39	3°22'16
min. Earth dist.	-2749 Feb 22 j 23:04	6°♒17'14	0.58022 AU
morning rise	-2749 Feb 27 j 10:54	3°♒33'11	
direct	-2749 Mar 05 j 06:01	2°♒10'02	
desc. node	-2749 Mar 06 j 01:42	2°♒11'42	
morning max el	-2749 Mar 19 j 12:55	9°♒39'48	26°16'21
	-2749 Apr 04 j 00:03	0°♓	
morning set	-2749 Apr 17 j 04:56	24°♓44'03	
	-2749 Apr 19 j 16:25	0°♈	
asc. node	-2749 Apr 21 j 10:51	3°♈49'39	
superior conj	-2749 Apr 24 j 06:14	9°♈57'58	0°29'08
minimum elong	-2749 Apr 24 j 04:59	9°♈51'05	0°28'52
max. Earth dist.	-2749 Apr 24 j 15:26	10°♈48'20	1.32611 AU
evening rise	-2749 May 01 j 07:53	25°♈09'27	
	-2749 May 03 j 16:42	0°♉	
	-2749 May 21 j 05:49	0°♊	
evening max el	-2749 May 31 j 16:43	12°♊24'46	26°50'52
desc. node	-2749 Jun 02 j 00:43	13°♊38'25	
retrograde	-2749 Jun 14 j 16:28	19°♊43'25	
evening set	-2749 Jun 21 j 11:15	17°♊42'17	
min. Earth dist.	-2749 Jun 25 j 06:12	15°♊01'23	0.60657 AU
inferior conj	-2749 Jun 28 j 13:26	12°♊14'34	-4°-24'-49
minimum elong	-2749 Jun 28 j 14:57	12°♊11'20	4°24'40
morning rise	-2749 Jul 05 j 21:45	7°♊28'23	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

direct	-2749 Jul 08 j 09:19	7°♊04'15	
morning max el	-2749 Jul 15 j 13:53	10°♊35'27	18°07'15
asc. node	-2749 Jul 18 j 10:13	13°♊47'32	
	-2749 Jul 28 j 09:28	0°♋	
morning set	-2749 Jul 31 j 12:12	5°♋46'21	
superior conj	-2749 Aug 10 j 10:36	24°♋01'34	1°40'01
minimum elong	-2749 Aug 10 j 13:52	24°♋16'07	1°39'53
	-2749 Aug 13 j 20:00	0°♌	
max. Earth dist.	-2749 Aug 18 j 00:43	7°♌10'24	1.41484 AU
evening rise	-2749 Aug 23 j 14:34	16°♌21'06	
desc. node	-2749 Aug 29 j 00:04	24°♌53'05	
	-2749 Sep 01 j 08:04	0°♍	
greatest brilliancy	-2749 Sep 21 j 04:22	27°♍42'33	-0.3m
	-2749 Sep 23 j 02:57	0°♎	
evening max el	-2749 Sep 25 j 23:38	3°♎05'38	22°37'10
retrograde	-2749 Oct 05 j 17:52	8°♎53'22	
evening set	-2749 Oct 10 j 08:32	7°♎01'47	
asc. node	-2749 Oct 14 j 09:19	2°♎30'52	
inferior conj	-2749 Oct 15 j 17:16	0°♎41'32	0°27'26
minimum elong	-2749 Oct 15 j 16:38	0°♎43'45	0°27'10
min. Earth dist.	-2749 Oct 15 j 14:46	0°♎50'11	0.67490 AU
	-2749 Oct 16 j 05:20	30°℞♍	
morning rise	-2749 Oct 21 j 00:39	24°♍26'48	
direct	-2749 Oct 25 j 11:25	22°♍39'59	
morning max el	-2749 Nov 03 j 18:17	28°♍10'13	22°06'33
	-2749 Nov 05 j 11:38	0°♎	
greatest brilliancy	-2749 Nov 08 j 12:12	3°♎32'28	-0.4m
desc. node	-2749 Nov 24 j 23:36	26°♎29'27	
	-2749 Nov 27 j 07:25	0°♏	
morning set	-2749 Dec 06 j 12:04	14°♏21'52	
max. Earth dist.	-2749 Dec 12 j 11:53	24°♏11'47	1.41161 AU
	-2749 Dec 15 j 21:59	0°♐	
superior conj	-2749 Dec 20 j 05:11	7°♐30'17	-1°-56'-30
minimum elong	-2749 Dec 20 j 03:59	7°♐24'59	1°56'34
evening rise	-2749 Dec 30 j 15:08	26°♐32'35	
	-2748 Jan 01 j 11:47	0°♑	
asc. node	-2748 Jan 10 j 08:28	15°♑25'15	
evening max el	-2748 Jan 15 j 21:57	22°♑32'02	18°14'40
retrograde	-2748 Jan 22 j 23:00	26°♑04'00	
evening set	-2748 Jan 25 j 12:15	25°♑37'04	
inferior conj	-2748 Feb 01 j 13:03	20°♑50'15	3°54'22
minimum elong	-2748 Feb 01 j 14:31	20°♑47'01	3°54'12
min. Earth dist.	-2748 Feb 04 j 20:42	17°♑56'03	0.60025 AU
morning rise	-2748 Feb 08 j 13:44	15°♑13'25	
direct	-2748 Feb 15 j 05:05	13°♑11'56	
desc. node	-2748 Feb 20 j 22:46	14°♑35'50	
morning max el	-2748 Feb 29 j 10:30	20°♑52'58	27°17'16
	-2748 Mar 08 j 08:33	0°♒	
	-2748 Mar 26 j 19:12	0°♓	
morning set	-2748 Mar 31 j 13:51	9°♓34'26	
max. Earth dist.	-2748 Apr 07 j 04:46	23°♓45'35	1.32509 AU
asc. node	-2748 Apr 07 j 07:51	24°♓02'27	
superior conj	-2748 Apr 07 j 17:55	24°♓57'30	0°04'26
minimum elong	-2748 Apr 07 j 17:43	24°♓56'25	0°04'22
behind sun begin	-2748 Apr 07 j 12:52	24°♓29'55	
behind sun end	-2748 Apr 07 j 22:33	25°♓22'56	
	-2748 Apr 10 j 01:11	0°♈	
evening rise	-2748 Apr 14 j 17:35	10°♈04'11	
	-2748 Apr 25 j 01:30	0°♉	
evening max el	-2748 May 12 j 14:18	23°♉53'44	25°48'36
desc. node	-2748 May 18 j 21:46	28°♉47'44	
	-2748 May 21 j 07:37	0°♊	
retrograde	-2748 May 26 j 16:05	1°♊07'56	
	-2748 May 31 j 23:21	30°℞♉	

evening set	-2748 Jun 01 j 13:30	29°♉44'25	
min. Earth dist.	-2748 Jun 06 j 02:39	27°♉01'56	0.58609 AU
inferior conj	-2748 Jun 09 j 10:13	24°♉36'48	-4°-22'-14
minimum elong	-2748 Jun 09 j 08:11	24°♉40'31	4°22'03
morning rise	-2748 Jun 17 j 06:46	20°♉13'13	
direct	-2748 Jun 19 j 18:26	19°♉53'03	
morning max el	-2748 Jun 27 j 20:55	23°♉42'54	18°39'06
	-2748 Jul 03 j 01:37	0°♊	
asc. node	-2748 Jul 04 j 07:15	1°♊51'24	
morning set	-2748 Jul 14 j 03:40	19°♊36'35	
	-2748 Jul 19 j 12:17	0°♋	
superior conj	-2748 Jul 23 j 00:46	6°♋41'46	1°48'16
minimum elong	-2748 Jul 23 j 01:31	6°♋45'16	1°48'20
max. Earth dist.	-2748 Jul 30 j 04:04	19°♋41'04	1.39542 AU
evening rise	-2748 Aug 03 j 08:25	26°♋53'51	
	-2748 Aug 05 j 04:50	0°♌	
desc. node	-2748 Aug 14 j 21:03	15°♌23'19	
	-2748 Aug 24 j 22:43	0°♍	
evening max el	-2748 Sep 07 j 12:15	16°♍33'41	23°57'43
retrograde	-2748 Sep 18 j 09:27	22°♍58'24	
evening set	-2748 Sep 23 j 14:32	20°♍47'33	
inferior conj	-2748 Sep 28 j 23:40	14°♍25'40	0°-26'-22
minimum elong	-2748 Sep 29 j 00:18	14°♍23'32	0°26'05
min. Earth dist.	-2748 Sep 28 j 10:54	15°♍09'03	0.67393 AU
asc. node	-2748 Sep 30 j 06:23	12°♍42'37	
morning rise	-2748 Oct 04 j 10:16	8°♍15'33	
direct	-2748 Oct 08 j 07:35	6°♍49'45	
morning max el	-2748 Oct 16 j 13:00	11°♍38'34	20°47'55
greatest brilliancy	-2748 Oct 22 j 11:15	18°♍38'40	-0.5m
	-2748 Oct 30 j 14:38	0°♎	
desc. node	-2748 Nov 10 j 20:35	16°♎52'37	
morning set	-2748 Nov 14 j 15:26	22°♎43'47	
	-2748 Nov 19 j 06:27	0°♏	
max. Earth dist.	-2748 Nov 23 j 17:16	7°♏08'10	1.42954 AU
superior conj	-2748 Nov 30 j 08:39	18°♏05'40	-1°-44'-31
minimum elong	-2748 Nov 30 j 03:23	17°♏43'31	1°44'14
	-2748 Dec 07 j 07:23	0°♐	
evening rise	-2748 Dec 12 j 08:42	8°♐54'41	
	-2748 Dec 24 j 20:20	0°♑	
asc. node	-2748 Dec 27 j 05:31	3°♑13'08	
evening max el	-2748 Dec 29 j 09:14	5°♑38'39	18°08'09
retrograde	-2747 Jan 04 j 23:54	9°♑05'54	
evening set	-2747 Jan 07 j 16:22	8°♑31'13	
inferior conj	-2747 Jan 14 j 04:58	3°♑22'59	3°57'59
minimum elong	-2747 Jan 14 j 04:02	3°♑25'20	3°57'52
min. Earth dist.	-2747 Jan 17 j 02:18	0°♑29'19	0.62027 AU
	-2747 Jan 17 j 14:37	30°℞♐	
morning rise	-2747 Jan 20 j 13:29	27°♐31'28	
direct	-2747 Jan 27 j 13:57	24°♐59'07	
desc. node	-2747 Feb 06 j 19:50	29°♐24'40	
	-2747 Feb 07 j 13:16	0°♑	
morning max el	-2747 Feb 10 j 14:11	2°♑45'54	27°43'24
	-2747 Mar 02 j 17:27	0°♒	
morning set	-2747 Mar 15 j 18:13	24°♒08'14	
	-2747 Mar 18 j 14:10	0°♓	
max. Earth dist.	-2747 Mar 21 j 15:23	6°♓30'14	1.32756 AU
superior conj	-2747 Mar 23 j 04:16	9°♓49'49	0°-21'-8
minimum elong	-2747 Mar 23 j 05:14	9°♓55'05	0°20'59
asc. node	-2747 Mar 25 j 04:53	14°♓14'10	
evening rise	-2747 Mar 30 j 05:04	25°♓00'50	
	-2747 Apr 01 j 14:43	0°♈	
	-2747 Apr 19 j 20:33	0°♉	
evening max el	-2747 Apr 24 j 06:42	4°♉47'17	24°23'44
desc. node	-2747 May 05 j 18:49	11°♉34'59	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

retrograde	-2747 May 08 j 04:48	11°♉48'26	
evening set	-2747 May 12 j 18:33	11°♉01'26	
min. Earth dist.	-2747 May 18 j 18:29	8°♉01'28	0.56778 AU
inferior conj	-2747 May 21 j 11:08	6°♉18'33	-3°-44'-44
minimum elong	-2747 May 21 j 05:33	6°♉27'30	3°43'39
morning rise	-2747 May 29 j 20:36	2°♉13'45	
direct	-2747 Jun 01 j 08:53	1°♉56'34	
morning max el	-2747 Jun 10 j 19:47	6°♉19'51	19°31'31
asc. node	-2747 Jun 21 j 04:17	20°♉36'46	
	-2747 Jun 26 j 04:26	0°♊	
morning set	-2747 Jun 28 j 03:53	3°♊55'08	
superior conj	-2747 Jul 06 j 07:14	20°♊12'36	1°46'41
minimum elong	-2747 Jul 06 j 06:04	20°♊06'51	1°46'43
	-2747 Jul 11 j 09:29	0°♋	
max. Earth dist.	-2747 Jul 12 j 06:17	1°♋36'59	1.37598 AU
evening rise	-2747 Jul 16 j 03:40	8°♋41'28	
	-2747 Jul 29 j 00:04	0°♌	
desc. node	-2747 Aug 01 j 18:04	5°♌39'50	
	-2747 Aug 20 j 20:51	0°♍	
evening max el	-2747 Aug 20 j 23:15	0°♍05'56	25°14'36
retrograde	-2747 Sep 01 j 20:58	6°♍59'47	
evening set	-2747 Sep 07 j 17:02	4°♍31'25	
	-2747 Sep 11 j 18:56	30°℞♌	
min. Earth dist.	-2747 Sep 12 j 04:37	29°♌28'41	0.66985 AU
inferior conj	-2747 Sep 13 j 04:10	28°♌11'41	-1°-20'-22
minimum elong	-2747 Sep 13 j 06:05	28°♌05'23	1°19'34
asc. node	-2747 Sep 17 j 03:27	23°♌30'44	
morning rise	-2747 Sep 18 j 19:39	22°♌09'15	
direct	-2747 Sep 22 j 05:39	21°♌01'37	
morning max el	-2747 Sep 29 j 15:08	25°♌16'29	19°41'26
	-2747 Oct 03 j 16:32	0°♍	
greatest brilliancy	-2747 Oct 07 j 22:43	5°♍48'05	-0.6m
	-2747 Oct 23 j 22:37	0°♎	
morning set	-2747 Oct 24 j 14:10	1°♎00'21	
desc. node	-2747 Oct 28 j 17:36	7°♎27'05	
max. Earth dist.	-2747 Nov 06 j 05:35	20°♎49'10	1.44242 AU
superior conj	-2747 Nov 10 j 08:54	27°♎25'57	-1°-15'-23
minimum elong	-2747 Nov 10 j 01:28	26°♎56'06	1°14'38
	-2747 Nov 11 j 23:06	0°♏	
evening rise	-2747 Nov 24 j 07:08	20°♏24'23	
	-2747 Nov 29 j 23:35	0°♐	
evening max el	-2747 Dec 12 j 21:52	18°♐57'03	18°20'34
asc. node	-2747 Dec 14 j 02:35	20°♐04'50	
retrograde	-2747 Dec 19 j 10:55	22°♐30'56	
evening set	-2747 Dec 22 j 07:30	21°♐47'10	
inferior conj	-2747 Dec 28 j 10:36	16°♐19'10	3°41'59
minimum elong	-2747 Dec 28 j 08:10	16°♐26'01	3°41'33
min. Earth dist.	-2747 Dec 30 j 17:31	13°♐45'18	0.63808 AU
morning rise	-2746 Jan 03 j 07:19	10°♐17'34	
direct	-2746 Jan 10 j 06:43	7°♐28'55	
morning max el	-2746 Jan 23 j 22:05	15°♐14'51	27°33'12
desc. node	-2746 Jan 24 j 16:55	16°♐02'22	
	-2746 Feb 05 j 01:18	0°♑	
	-2746 Feb 23 j 08:26	0°♒	
morning set	-2746 Feb 27 j 15:29	8°♒16'39	
max. Earth dist.	-2746 Mar 04 j 19:22	18°♒49'01	1.33397 AU
superior conj	-2746 Mar 07 j 11:32	24°♒28'40	0°-46'-36
minimum elong	-2746 Mar 07 j 13:38	24°♒39'52	0°46'15
	-2746 Mar 10 j 01:22	0°♓	
asc. node	-2746 Mar 12 j 01:55	4°♓20'29	
evening rise	-2746 Mar 14 j 16:33	9°♓52'51	
	-2746 Mar 25 j 05:37	0°♈	
evening max el	-2746 Apr 05 j 22:58	15°♈27'55	22°49'27
retrograde	-2746 Apr 19 j 04:28	21°♈58'26	
evening set	-2746 Apr 22 j 10:46	21°♈35'10	
desc. node	-2746 Apr 22 j 15:53	21°♈32'05	
min. Earth dist.	-2746 Apr 30 j 08:32	18°♈06'17	0.55519 AU
inferior conj	-2746 May 01 j 17:19	17°♈19'03	-2°-25'-21
minimum elong	-2746 May 01 j 11:26	17°♈27'33	2°23'34
morning rise	-2746 May 10 j 14:42	13°♈22'58	
direct	-2746 May 13 j 05:51	13°♈06'38	
morning max el	-2746 May 24 j 08:08	18°♈16'57	20°44'00
	-2746 Jun 02 j 11:36	0°♉	
asc. node	-2746 Jun 08 j 01:20	9°♉53'03	
morning set	-2746 Jun 12 j 10:03	18°♉33'57	
	-2746 Jun 17 j 22:44	0°♊	
superior conj	-2746 Jun 20 j 01:15	4°♊19'35	1°37'39
minimum elong	-2746 Jun 19 j 22:59	4°♊08'00	1°37'32
max. Earth dist.	-2746 Jun 24 j 14:02	13°♊24'48	1.35875 AU
evening rise	-2746 Jun 28 j 19:46	21°♊31'39	
	-2746 Jul 03 j 11:55	0°♋	
desc. node	-2746 Jul 19 j 15:06	25°♋35'21	
	-2746 Jul 22 j 19:54	0°♌	
evening max el	-2746 Aug 03 j 10:34	13°♌39'13	26°19'56
retrograde	-2746 Aug 16 j 03:36	20°♌51'07	
evening set	-2746 Aug 22 j 13:56	18°♌09'44	
min. Earth dist.	-2746 Aug 26 j 17:26	13°♌44'59	0.66238 AU
inferior conj	-2746 Aug 28 j 04:50	11°♌55'53	-2°-12'-53
minimum elong	-2746 Aug 28 j 07:55	11°♌46'20	2°11'43
morning rise	-2746 Sep 03 j 02:48	6°♌04'29	
asc. node	-2746 Sep 04 j 00:32	5°♌37'44	
direct	-2746 Sep 06 j 03:50	5°♌11'36	
morning max el	-2746 Sep 12 j 23:47	9°♌01'12	18°49'54
	-2746 Sep 27 j 20:04	0°♍	
morning set	-2746 Oct 04 j 07:02	10°♍14'47	
desc. node	-2746 Oct 15 j 14:38	28°♍08'28	
	-2746 Oct 16 j 18:58	0°♎	
max. Earth dist.	-2746 Oct 19 j 22:47	4°♎58'28	1.44859 AU
superior conj	-2746 Oct 20 j 12:17	5°♎51'40	0°-31'-3
minimum elong	-2746 Oct 20 j 08:14	5°♎35'42	0°30'34
	-2746 Nov 04 j 16:48	0°♏	
evening rise	-2746 Nov 05 j 06:17	0°♏54'09	
	-2746 Nov 24 j 06:58	0°♐	
evening max el	-2746 Nov 26 j 09:12	2°♐21'55	18°50'56
asc. node	-2746 Nov 30 j 23:37	5°♐45'45	
retrograde	-2746 Dec 03 j 04:20	6°♐12'22	
evening set	-2746 Dec 06 j 06:27	5°♐17'48	
	-2746 Dec 11 j 17:20	30°℞♏	
inferior conj	-2746 Dec 12 j 02:21	29°♏32'23	3°12'28
minimum elong	-2746 Dec 11 j 23:20	29°♏41'39	3°11'39
min. Earth dist.	-2746 Dec 13 j 18:19	27°♏30'04	0.65246 AU
morning rise	-2746 Dec 17 j 15:11	23°♏23'33	
direct	-2746 Dec 24 j 06:00	20°♏33'47	
morning max el	-2745 Jan 06 j 07:38	28°♏09'41	26°50'54
	-2745 Jan 08 j 02:14	0°♐	
desc. node	-2745 Jan 11 j 14:01	3°♐58'01	
	-2745 Jan 29 j 18:56	0°♑	
morning set	-2745 Feb 11 j 02:21	21°♑49'15	
	-2745 Feb 15 j 06:31	0°♒	
max. Earth dist.	-2745 Feb 15 j 13:18	0°♒34'05	1.34476 AU
superior conj	-2745 Feb 19 j 13:39	8°♒47'20	-1°-10'-46
minimum elong	-2745 Feb 19 j 16:39	9°♒02'55	1°10'20
asc. node	-2745 Feb 26 j 22:58	24°♒17'02	
evening rise	-2745 Feb 27 j 02:16	24°♒34'13	
	-2745 Mar 01 j 18:03	0°♓	
evening max el	-2745 Mar 18 j 21:18	26°♓22'37	21°19'19
	-2745 Mar 23 j 13:50	0°♈	
retrograde	-2745 Mar 30 j 18:35	2°♈06'00	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening set	-2745 Apr 02 j 05:46	1°♈52'05	
	-2745 Apr 07 j 13:49	30°℞♓	
desc. node	-2745 Apr 09 j 12:58	28°♓59'08	
inferior conj	-2745 Apr 11 j 12:48	27°♓52'40	0°-33'-32
minimum elong	-2745 Apr 11 j 11:14	27°♓54'53	0°32'58
min. Earth dist.	-2745 Apr 11 j 22:11	27°♓39'28	0.55109 AU
morning rise	-2745 Apr 20 j 16:33	23°♓49'14	
direct	-2745 Apr 23 j 17:46	23°♓28'55	
morning max el	-2745 May 06 j 09:39	29°♓31'57	22°13'38
	-2745 May 06 j 21:25	0°♈	
asc. node	-2745 May 25 j 22:25	29°♈32'24	
	-2745 May 26 j 03:51	0°♉	
morning set	-2745 May 27 j 20:01	3°♉26'42	
superior conj	-2745 Jun 04 j 03:15	18°♉52'13	1°23'04
minimum elong	-2745 Jun 04 j 00:37	18°♉38'23	1°22'48
max. Earth dist.	-2745 Jun 07 j 07:17	25°♉28'03	1.34488 AU
	-2745 Jun 09 j 12:49	0°♊	
evening rise	-2745 Jun 12 j 03:32	5°♊09'50	
	-2745 Jun 26 j 05:13	0°♋	
desc. node	-2745 Jul 06 j 12:05	15°♋00'45	
evening max el	-2745 Jul 16 j 22:13	27°♋05'23	27°05'41
	-2745 Jul 20 j 05:15	0°♌	
retrograde	-2745 Jul 30 j 04:49	4°♌25'38	
evening set	-2745 Aug 06 j 02:45	1°♌39'07	
	-2745 Aug 07 j 22:46	30°℞♋	
min. Earth dist.	-2745 Aug 09 j 22:54	27°♋52'42	0.65127 AU
inferior conj	-2745 Aug 11 j 23:30	25°♋34'29	-3°-1'-46
minimum elong	-2745 Aug 12 j 03:25	25°♋23'20	3°00'32
morning rise	-2745 Aug 18 j 05:28	19°♋57'34	
direct	-2745 Aug 20 j 23:53	19°♋16'09	
asc. node	-2745 Aug 21 j 21:38	19°♋20'36	
morning max el	-2745 Aug 27 j 12:57	22°♋49'07	18°14'49
	-2745 Sep 02 j 05:03	0°♌	
morning set	-2745 Sep 15 j 03:28	20°♌50'04	
	-2745 Sep 20 j 17:10	0°♍	
superior conj	-2745 Sep 29 j 14:16	14°♍18'18	0°18'30
minimum elong	-2745 Sep 29 j 16:34	14°♍27'27	0°18'13
desc. node	-2745 Oct 02 j 11:37	18°♍53'11	
max. Earth dist.	-2745 Oct 02 j 17:27	19°♍16'16	1.44738 AU
	-2745 Oct 09 j 13:22	0°♎	
evening rise	-2745 Oct 16 j 05:17	10°♎23'40	
	-2745 Oct 28 j 22:24	0°♏	
greatest brilliancy	-2745 Nov 01 j 09:20	5°♏06'59	-0.7m
evening max el	-2745 Nov 09 j 16:52	15°♏48'39	19°37'50
retrograde	-2745 Nov 17 j 00:59	20°♏04'30	
asc. node	-2745 Nov 17 j 20:42	20°♏00'37	
evening set	-2745 Nov 20 j 10:33	18°♏56'56	
inferior conj	-2745 Nov 26 j 01:12	12°♏57'11	2°33'28
minimum elong	-2745 Nov 25 j 22:18	13°♏06'40	2°32'28
min. Earth dist.	-2745 Nov 27 j 03:29	11°♏31'22	0.66311 AU
morning rise	-2745 Dec 01 j 09:21	6°♏43'18	
direct	-2745 Dec 07 j 10:56	4°♏04'13	
morning max el	-2745 Dec 19 j 16:53	11°♏18'26	25°44'05
desc. node	-2745 Dec 29 j 11:04	22°♏48'03	
	-2744 Jan 03 j 16:44	0°♐	
	-2744 Jan 22 j 10:00	0°♑	
morning set	-2744 Jan 24 j 22:16	4°♑31'54	
max. Earth dist.	-2744 Jan 28 j 19:41	11°♑48'41	1.36005 AU
superior conj	-2744 Feb 03 j 07:55	22°♑37'06	-1°-32'-5
minimum elong	-2744 Feb 03 j 11:17	22°♑54'00	1°31'46
	-2744 Feb 06 j 23:08	0°♒	
evening rise	-2744 Feb 11 j 08:11	8°♒57'42	
asc. node	-2744 Feb 13 j 19:59	13°♒58'13	
	-2744 Feb 22 j 21:07	0°♓	

evening max el	-2744 Feb 29 j 05:36	7°♓48'47	20°02'58
retrograde	-2744 Mar 10 j 10:35	12°♓40'32	
evening set	-2744 Mar 12 j 16:25	12°♓27'28	
inferior conj	-2744 Mar 21 j 11:27	8°♓27'21	1°21'11
minimum elong	-2744 Mar 21 j 14:50	8°♓22'14	1°20'03
min. Earth dist.	-2744 Mar 23 j 12:12	7°♓13'41	0.55638 AU
desc. node	-2744 Mar 26 j 10:04	5°♓36'16	
morning rise	-2744 Mar 30 j 10:28	3°♓59'11	
direct	-2744 Apr 03 j 08:53	3°♓25'13	
morning max el	-2744 Apr 17 j 03:06	10°♓14'29	23°52'53
	-2744 May 01 j 18:25	0°♈	
morning set	-2744 May 11 j 07:51	18°♈26'37	
asc. node	-2744 May 11 j 19:27	19°♈27'33	
	-2744 May 16 j 17:28	0°♉	
superior conj	-2744 May 18 j 10:31	3°♉41'21	1°04'23
minimum elong	-2744 May 18 j 08:06	3°♉28'22	1°04'01
max. Earth dist.	-2744 May 20 j 09:50	7°♉54'42	1.33467 AU
evening rise	-2744 May 25 j 22:28	19°♉22'19	
	-2744 May 31 j 10:24	0°♊	
	-2744 Jun 19 j 09:38	0°♋	
desc. node	-2744 Jun 22 j 09:06	3°♋43'26	
evening max el	-2744 Jun 28 j 08:42	10°♋12'31	27°25'01
retrograde	-2744 Jul 12 j 00:24	17°♋35'07	
evening set	-2744 Jul 19 j 04:21	14°♋55'01	
min. Earth dist.	-2744 Jul 22 j 19:10	11°♋43'00	0.63632 AU
inferior conj	-2744 Jul 25 j 09:39	9°♋02'27	-3°-43'-58
minimum elong	-2744 Jul 25 j 13:39	8°♋52'07	3°43'01
morning rise	-2744 Aug 01 j 00:56	3°♋43'20	
direct	-2744 Aug 03 j 15:00	3°♋10'27	
asc. node	-2744 Aug 07 j 18:43	4°♋35'31	
morning max el	-2744 Aug 10 j 04:06	6°♋35'31	17°57'15
	-2744 Aug 25 j 12:57	0°♌	
morning set	-2744 Aug 27 j 01:33	2°♌38'56	
superior conj	-2744 Sep 08 j 11:52	23°♌45'29	1°00'53
minimum elong	-2744 Sep 08 j 17:21	24°♌08'04	1°00'17
	-2744 Sep 12 j 07:37	0°♍	
max. Earth dist.	-2744 Sep 14 j 09:56	3°♍22'32	1.43909 AU
desc. node	-2744 Sep 18 j 08:34	9°♍38'31	
evening rise	-2744 Sep 24 j 12:02	19°♍13'41	
	-2744 Oct 01 j 13:09	0°♎	
greatest brilliancy	-2744 Oct 16 j 19:21	22°♎05'12	-0.5m
evening max el	-2744 Oct 22 j 19:08	29°♎15'24	20°39'12
	-2744 Oct 23 j 12:58	0°♏	
retrograde	-2744 Oct 30 j 22:26	4°♏03'58	
evening set	-2744 Nov 03 j 17:33	2°♏41'06	
asc. node	-2744 Nov 03 j 17:47	2°♏40'40	
	-2744 Nov 06 j 11:57	30°℞♎	
inferior conj	-2744 Nov 09 j 04:40	26°♎30'28	1°47'50
minimum elong	-2744 Nov 09 j 02:24	26°♎38'12	1°46'56
min. Earth dist.	-2744 Nov 09 j 18:56	25°♎41'59	0.67022 AU
morning rise	-2744 Nov 14 j 10:47	20°♎13'57	
direct	-2744 Nov 19 j 21:15	17°♎52'53	
morning max el	-2744 Dec 01 j 01:34	24°♎32'55	24°22'15
	-2744 Dec 05 j 23:27	0°♏	
desc. node	-2744 Dec 15 j 08:06	12°♏16'40	
	-2744 Dec 27 j 04:05	0°♐	
morning set	-2743 Jan 05 j 21:30	16°♐09'11	
max. Earth dist.	-2743 Jan 09 j 17:03	22°♐54'56	1.37908 AU
	-2743 Jan 13 j 13:28	0°♑	
superior conj	-2743 Jan 16 j 14:58	5°♑48'53	-1°-48'-23
minimum elong	-2743 Jan 16 j 17:44	6°♑02'14	1°48'18
evening rise	-2743 Jan 25 j 08:01	22°♑57'02	
	-2743 Jan 28 j 22:47	0°♒	
asc. node	-2743 Jan 30 j 17:00	3°♒18'25	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening max el	-2743 Feb 11 j 00:32	19°♒51'49	19°05'09
retrograde	-2743 Feb 19 j 15:59	24°♒00'19	
evening set	-2743 Feb 21 j 23:47	23°♒43'37	
inferior conj	-2743 Mar 02 j 01:40	19°♒29'56	2°49'15
minimum elong	-2743 Mar 02 j 06:27	19°♒21'37	2°48'01
min. Earth dist.	-2743 Mar 05 j 03:41	17°♒22'18	0.56987 AU
morning rise	-2743 Mar 10 j 09:09	14°♒30'19	
desc. node	-2743 Mar 13 j 07:10	13°♒40'01	
direct	-2743 Mar 15 j 12:21	13°♒28'18	
morning max el	-2743 Mar 29 j 18:03	20°♒48'31	25°28'45
	-2743 Apr 06 j 16:08	0°♓	
	-2743 Apr 24 j 03:53	0°♈	
morning set	-2743 Apr 25 j 19:53	3°♈27'42	
asc. node	-2743 Apr 28 j 16:27	9°♈33'12	
superior conj	-2743 May 02 j 20:53	18°♈39'40	0°42'40
minimum elong	-2743 May 02 j 19:07	18°♈30'01	0°42'20
max. Earth dist.	-2743 May 03 j 19:13	20°♈41'16	1.32816 AU
	-2743 May 08 j 03:23	0°♉	
evening rise	-2743 May 10 j 01:09	3°♉58'15	
	-2743 May 24 j 04:36	0°♊	
desc. node	-2743 Jun 09 j 06:09	21°♊24'54	
evening max el	-2743 Jun 10 j 15:44	22°♊47'51	27°12'54
	-2743 Jun 22 j 16:52	0°♋	
retrograde	-2743 Jun 24 j 13:32	0°♋09'18	
	-2743 Jun 26 j 09:28	30°℞♊	
evening set	-2743 Jul 01 j 14:47	27°♊49'59	
min. Earth dist.	-2743 Jul 05 j 05:27	25°♊02'03	0.61799 AU
inferior conj	-2743 Jul 08 j 08:04	22°♊12'04	-4°-14'-54
minimum elong	-2743 Jul 08 j 10:58	22°♊05'27	4°14'29
morning rise	-2743 Jul 15 j 09:52	17°♊13'25	
direct	-2743 Jul 17 j 21:42	16°♊46'44	
morning max el	-2743 Jul 24 j 18:23	20°♊13'02	17°58'06
asc. node	-2743 Jul 25 j 15:47	21°♊08'02	
	-2743 Aug 01 j 01:20	0°♋	
morning set	-2743 Aug 09 j 19:41	15°♋25'18	
	-2743 Aug 17 j 22:11	0°♌	
superior conj	-2743 Aug 20 j 12:59	4°♌34'17	1°29'45
minimum elong	-2743 Aug 20 j 17:37	4°♌54'20	1°29'24
max. Earth dist.	-2743 Aug 27 j 21:18	16°♌58'25	1.42490 AU
evening rise	-2743 Sep 03 j 20:14	28°♌10'14	
desc. node	-2743 Sep 05 j 05:32	0°♍20'57	
	-2743 Sep 05 j 00:11	0°♍	
	-2743 Sep 25 j 07:24	0°♎	
greatest brilliancy	-2743 Sep 30 j 19:20	7°♎11'38	-0.4m
evening max el	-2743 Oct 05 j 15:18	12°♎41'34	21°51'57
retrograde	-2743 Oct 14 j 18:38	18°♎07'33	
evening set	-2743 Oct 19 j 01:30	16°♎27'06	
asc. node	-2743 Oct 21 j 14:52	13°♎52'49	
inferior conj	-2743 Oct 24 j 10:41	10°♎09'20	0°57'41
minimum elong	-2743 Oct 24 j 09:23	10°♎13'51	0°57'08
min. Earth dist.	-2743 Oct 24 j 14:11	9°♎57'16	0.67410 AU
morning rise	-2743 Oct 29 j 17:01	3°♎52'54	
direct	-2743 Nov 03 j 12:11	1°♎53'15	
morning max el	-2743 Nov 13 j 11:31	7°♎49'50	22°55'14
greatest brilliancy	-2743 Nov 18 j 07:14	13°♎14'34	-0.3m
	-2743 Nov 30 j 16:52	0°♏	
desc. node	-2743 Dec 02 j 05:06	2°♏12'18	
morning set	-2743 Dec 17 j 17:56	26°♏25'23	
	-2743 Dec 19 j 21:28	0°♐	
max. Earth dist.	-2743 Dec 22 j 12:29	4°♐27'29	1.39992 AU
superior conj	-2743 Dec 30 j 06:20	18°♐10'53	-1°-56'-45
minimum elong	-2743 Dec 30 j 07:04	18°♐14'14	1°56'50
	-2742 Jan 05 j 14:11	0°♑	
evening rise	-2742 Jan 08 j 22:56	6°♑24'49	
asc. node	-2742 Jan 17 j 14:02	22°♑10'28	
	-2742 Jan 22 j 22:35	0°♒	
evening max el	-2742 Jan 25 j 04:08	2°♒26'47	18°27'23
retrograde	-2742 Feb 01 j 15:49	6°♒07'16	
evening set	-2742 Feb 04 j 03:14	5°♒44'25	
inferior conj	-2742 Feb 11 j 12:27	1°♒10'36	3°40'15
minimum elong	-2742 Feb 11 j 15:27	1°♒04'32	3°39'48
	-2742 Feb 12 j 23:10	30°℞♑	
min. Earth dist.	-2742 Feb 14 j 22:20	28°♑26'24	0.58856 AU
morning rise	-2742 Feb 19 j 00:05	25°♑45'13	
direct	-2742 Feb 25 j 05:15	24°♑05'06	
desc. node	-2742 Feb 28 j 04:15	24°♑27'15	
	-2742 Mar 09 j 16:19	0°♒	
morning max el	-2742 Mar 11 j 12:02	1°♒41'15	26°46'07
	-2742 Mar 31 j 18:39	0°♓	
morning set	-2742 Apr 10 j 06:27	18°♓24'11	
asc. node	-2742 Apr 15 j 13:27	29°♓45'02	
	-2742 Apr 15 j 16:12	0°♈	
superior conj	-2742 Apr 17 j 08:35	3°♈41'06	0°18'49
minimum elong	-2742 Apr 17 j 07:45	3°♈36'34	0°18'37
max. Earth dist.	-2742 Apr 17 j 08:07	3°♈38'31	1.32518 AU
evening rise	-2742 Apr 24 j 08:58	18°♈49'03	
	-2742 Apr 29 j 22:46	0°♉	
	-2742 May 19 j 06:49	0°♊	
evening max el	-2742 May 23 j 17:19	4°♊43'03	26°28'01
desc. node	-2742 May 27 j 03:12	7°♊39'50	
retrograde	-2742 Jun 06 j 18:48	12°♊00'37	
evening set	-2742 Jun 13 j 05:44	10°♊15'06	
min. Earth dist.	-2742 Jun 17 j 06:34	7°♊35'25	0.59771 AU
inferior conj	-2742 Jun 20 j 15:18	4°♊55'08	-4°-27'-21
minimum elong	-2742 Jun 20 j 15:28	4°♊54'48	4°27'18
morning rise	-2742 Jun 28 j 04:40	0°♊18'30	
	-2742 Jun 29 j 15:54	30°℞♉	
direct	-2742 Jun 30 j 16:03	29°♉56'14	
	-2742 Jul 01 j 15:59	0°♊	
morning max el	-2742 Jul 08 j 04:54	3°♊34'16	18°18'19
asc. node	-2742 Jul 12 j 12:49	8°♊43'00	
morning set	-2742 Jul 24 j 04:40	28°♊55'58	
	-2742 Jul 24 j 18:10	0°♋	
superior conj	-2742 Aug 02 j 15:15	16°♋38'22	1°44'53
minimum elong	-2742 Aug 02 j 17:25	16°♋48'13	1°44'51
max. Earth dist.	-2742 Aug 10 j 03:12	29°♋54'07	1.40676 AU
	-2742 Aug 10 j 04:35	0°♌	
evening rise	-2742 Aug 14 j 23:30	8°♌01'43	
desc. node	-2742 Aug 23 j 02:31	20°♌57'08	
	-2742 Aug 29 j 02:45	0°♍	
greatest brilliancy	-2742 Sep 12 j 13:40	19°♍44'53	-0.2m
evening max el	-2742 Sep 18 j 06:18	26°♍09'22	23°11'24
	-2742 Sep 22 j 17:01	0°♎	
retrograde	-2742 Sep 28 j 12:10	2°♎13'10	
evening set	-2742 Oct 03 j 08:43	0°♎13'38	
	-2742 Oct 03 j 15:05	30°℞♍	
asc. node	-2742 Oct 08 j 11:56	24°♍11'25	
inferior conj	-2742 Oct 08 j 17:28	23°♍52'22	0°04'46
minimum elong	-2742 Oct 08 j 17:21	23°♍52'46	0°04'44
transit middle	-2742 Oct 08 j 17:21	23°♍52'46	0°04'44
transit begin	-2742 Oct 08 j 14:46	24°♍01'40	
transit end	-2742 Oct 08 j 19:57	23°♍43'53	
min. Earth dist.	-2742 Oct 08 j 10:42	24°♍15'38	0.67492 AU
morning rise	-2742 Oct 14 j 01:59	17°♍39'04	
direct	-2742 Oct 18 j 06:54	16°♍01'12	
morning max el	-2742 Oct 27 j 02:13	21°♍12'57	21°31'44
greatest brilliancy	-2742 Nov 01 j 05:02	27°♍05'48	-0.4m
	-2742 Nov 03 j 11:05	0°♎	
desc. node	-2742 Nov 19 j 02:05	22°♎27'24	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2742 Nov 24 j 00:05	0°♏	
morning set	-2742 Nov 27 j 09:48	5°♏20'13	
max. Earth dist.	-2742 Dec 04 j 13:39	16°♏53'49	1.41980 AU
superior conj	-2742 Dec 12 j 00:35	29°♏29'41	-1°-53'-23
minimum elong	-2742 Dec 11 j 21:40	29°♏17'07	1°53'21
	-2742 Dec 12 j 07:34	0°♐	
evening rise	-2742 Dec 23 j 01:29	19°♐13'35	
	-2742 Dec 29 j 00:42	0°♑	
asc. node	-2741 Jan 04 j 11:05	10°♑25'13	
evening max el	-2741 Jan 08 j 13:32	15°♑24'46	18°09'32
retrograde	-2741 Jan 15 j 08:45	18°♑52'46	
evening set	-2741 Jan 17 j 23:29	18°♑22'32	
inferior conj	-2741 Jan 24 j 18:44	13°♑26'32	3°58'45
minimum elong	-2741 Jan 24 j 19:05	13°♑25'41	3°58'40
min. Earth dist.	-2741 Jan 27 j 22:52	10°♑29'53	0.60899 AU
morning rise	-2741 Jan 31 j 12:03	7°♑43'06	
direct	-2741 Feb 07 j 08:52	5°♑26'55	
desc. node	-2741 Feb 15 j 01:20	7°♑57'31	
morning max el	-2741 Feb 21 j 12:04	13°♑10'25	27°32'53
	-2741 Mar 06 j 22:37	0°♒	
	-2741 Mar 24 j 00:44	0°♓	
morning set	-2741 Mar 25 j 13:41	3°♓08'23	
max. Earth dist.	-2741 Mar 31 j 20:47	16°♓32'22	1.32570 AU
superior conj	-2741 Apr 01 j 19:54	18°♓38'27	0°-6'-23
minimum elong	-2741 Apr 01 j 20:11	18°♓40'02	0°06'21
behind sun begin	-2741 Apr 01 j 15:32	18°♓14'38	
behind sun end	-2741 Apr 02 j 00:50	19°♓05'27	
asc. node	-2741 Apr 02 j 10:28	19°♓58'03	
	-2741 Apr 07 j 01:12	0°♈	
evening rise	-2741 Apr 08 j 19:39	3°♈45'47	
	-2741 Apr 22 j 23:33	0°♉	
evening max el	-2741 May 05 j 12:33	15°♉55'49	25°14'40
desc. node	-2741 May 14 j 00:17	21°♉53'31	
retrograde	-2741 May 19 j 13:40	23°♉05'11	
evening set	-2741 May 24 j 22:26	21°♉58'20	
min. Earth dist.	-2741 May 30 j 00:39	19°♉10'04	0.57784 AU
inferior conj	-2741 Jun 02 j 03:49	17°♉01'02	-4°-11'-14
minimum elong	-2741 Jun 02 j 00:07	17°♉07'27	4°10'46
morning rise	-2741 Jun 10 j 05:45	12°♉45'51	
direct	-2741 Jun 12 j 17:45	12°♉26'58	
morning max el	-2741 Jun 21 j 08:40	16°♉29'16	18°58'52
asc. node	-2741 Jun 29 j 09:52	27°♉05'46	
	-2741 Jul 01 j 02:50	0°♊	
morning set	-2741 Jul 08 j 00:14	12°♊59'16	
superior conj	-2741 Jul 16 j 12:57	29°♊41'31	1°48'38
minimum elong	-2741 Jul 16 j 12:47	29°♊40'43	1°48'43
	-2741 Jul 16 j 16:49	0°♋	
max. Earth dist.	-2741 Jul 23 j 05:46	12°♋09'11	1.38704 AU
evening rise	-2741 Jul 27 j 04:28	19°♋06'52	
	-2741 Aug 02 j 16:40	0°♌	
desc. node	-2741 Aug 09 j 23:32	11°♌22'23	
	-2741 Aug 23 j 07:50	0°♍	
evening max el	-2741 Aug 31 j 18:07	9°♍39'57	24°31'22
retrograde	-2741 Sep 12 j 01:57	16°♍17'29	
evening set	-2741 Sep 17 j 13:29	13°♍58'53	
inferior conj	-2741 Sep 22 j 23:18	7°♍37'46	0°-49'-18
minimum elong	-2741 Sep 23 j 00:29	7°♍33'48	0°48'47
min. Earth dist.	-2741 Sep 22 j 06:04	8°♍35'26	0.67262 AU
asc. node	-2741 Sep 25 j 09:01	4°♍32'05	
morning rise	-2741 Sep 28 j 11:47	1°♍30'39	
direct	-2741 Oct 02 j 04:07	0°♍12'49	
morning max el	-2741 Oct 10 j 00:05	4°♍45'39	20°18'00
greatest brilliancy	-2741 Oct 16 j 17:53	12°♍56'06	-0.6m
	-2741 Oct 28 j 11:58	0°♎	
desc. node	-2741 Nov 05 j 23:05	12°♎56'23	
morning set	-2741 Nov 06 j 08:19	13°♎32'06	
	-2741 Nov 16 j 19:20	0°♏	
max. Earth dist.	-2741 Nov 16 j 22:54	0°♏14'16	1.43582 AU
superior conj	-2741 Nov 22 j 16:37	9°♏33'49	-1°-34'-20
minimum elong	-2741 Nov 22 j 09:55	9°♏06'17	1°33'49
	-2741 Dec 04 j 18:10	0°♐	
evening rise	-2741 Dec 05 j 11:35	1°♐15'33	
asc. node	-2741 Dec 22 j 08:10	27°♐51'37	
evening max el	-2741 Dec 23 j 01:48	28°♐38'01	18°11'05
	-2741 Dec 24 j 13:45	0°♑	
retrograde	-2741 Dec 29 j 14:39	2°♑06'43	
evening set	-2740 Jan 01 j 08:48	1°♑28'13	
	-2740 Jan 03 j 17:03	30°℞♐	
inferior conj	-2740 Jan 07 j 17:02	26°♐11'01	3°53'11
minimum elong	-2740 Jan 07 j 15:20	26°♐15'29	3°52'57
min. Earth dist.	-2740 Jan 10 j 08:19	23°♐24'13	0.62825 AU
morning rise	-2740 Jan 13 j 20:02	20°♐14'52	
direct	-2740 Jan 20 j 21:05	17°♐34'05	
desc. node	-2740 Feb 01 j 22:24	23°♐37'45	
morning max el	-2740 Feb 03 j 17:58	25°♐20'33	27°43'24
	-2740 Feb 08 j 01:32	0°♑	
	-2740 Feb 28 j 08:31	0°♒	
morning set	-2740 Mar 08 j 15:23	17°♒32'48	
max. Earth dist.	-2740 Mar 14 j 05:17	29°♒08'52	1.32987 AU
	-2740 Mar 14 j 14:51	0°♓	
superior conj	-2740 Mar 16 j 05:11	3°♓25'58	0°-32'-1
minimum elong	-2740 Mar 16 j 06:38	3°♓33'51	0°31'46
asc. node	-2740 Mar 19 j 07:31	10°♓08'15	
evening rise	-2740 Mar 23 j 07:24	18°♓41'41	
	-2740 Mar 28 j 21:43	0°♈	
evening max el	-2740 Apr 16 j 04:00	26°♈39'52	23°43'46
	-2740 Apr 20 j 03:52	0°♉	
retrograde	-2740 Apr 29 j 20:27	3°♉30'12	
desc. node	-2740 Apr 29 j 21:22	3°♉30'12	
evening set	-2740 May 03 j 20:22	2°♉54'59	
	-2740 May 10 j 04:26	30°℞♈	
min. Earth dist.	-2740 May 10 j 15:02	29°♈44'21	0.56160 AU
inferior conj	-2740 May 12 j 20:11	28°♈23'58	-3°-16'-7
minimum elong	-2740 May 12 j 13:53	28°♈33'33	3°14'34
morning rise	-2740 May 21 j 11:05	24°♈24'50	
direct	-2740 May 24 j 00:19	24°♈08'19	
morning max el	-2740 Jun 03 j 03:11	28°♈49'32	20°00'03
	-2740 Jun 04 j 07:53	0°♉	
asc. node	-2740 Jun 15 j 06:55	16°♉05'09	
morning set	-2740 Jun 21 j 03:14	27°♉27'03	
	-2740 Jun 22 j 09:24	0°♊	
superior conj	-2740 Jun 29 j 00:48	13°♊28'56	1°43'38
minimum elong	-2740 Jun 28 j 23:04	13°♊20'16	1°43'37
max. Earth dist.	-2740 Jul 04 j 09:45	23°♊58'37	1.36826 AU
	-2740 Jul 07 j 15:10	0°♋	
evening rise	-2740 Jul 08 j 09:08	1°♋21'59	
	-2740 Jul 25 j 19:43	0°♌	
desc. node	-2740 Jul 26 j 20:34	1°♌30'53	
evening max el	-2740 Aug 13 j 04:58	23°♌12'31	25°44'19
	-2740 Aug 23 j 09:58	0°♍	
retrograde	-2740 Aug 25 j 11:23	0°♍15'21	
	-2740 Aug 27 j 10:42	30°℞♌	
evening set	-2740 Aug 31 j 13:52	27°♌40'24	
min. Earth dist.	-2740 Sep 04 j 21:51	22°♌53'58	0.66708 AU
inferior conj	-2740 Sep 06 j 02:22	21°♌22'50	-1°-42'-57
minimum elong	-2740 Sep 06 j 04:49	21°♌15'00	1°41'58
asc. node	-2740 Sep 11 j 06:06	15°♌49'23	
morning rise	-2740 Sep 11 j 20:27	15°♌25'02	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

direct	-2740 Sep 15 j 02:20	14°♌24'10	
morning max el	-2740 Sep 22 j 05:15	18°♌27'00	19°17'41
	-2740 Oct 01 j 03:13	0°♍	
greatest brilliancy	-2740 Oct 02 j 17:46	2°♍22'57	-0.7m
morning set	-2740 Oct 15 j 12:35	22°♍07'40	
	-2740 Oct 20 j 13:23	0°♎	
desc. node	-2740 Oct 22 j 20:05	3°♎34'13	
max. Earth dist.	-2740 Oct 29 j 13:56	14°♎10'41	1.44587 AU
superior conj	-2740 Nov 01 j 06:18	18°♎25'40	0°-58'-2
minimum elong	-2740 Oct 31 j 23:35	17°♎58'57	0°57'16
	-2740 Nov 08 j 11:30	0°♏	
evening rise	-2740 Nov 16 j 00:35	12°♏21'00	
	-2740 Nov 26 j 19:13	0°♐	
evening max el	-2740 Dec 05 j 14:07	11°♐59'32	18°31'16
asc. node	-2740 Dec 08 j 05:14	14°♐15'19	
retrograde	-2740 Dec 12 j 04:59	15°♐39'43	
evening set	-2740 Dec 15 j 03:38	14°♐51'39	
inferior conj	-2740 Dec 21 j 03:24	9°♐15'39	3°30'51
minimum elong	-2740 Dec 21 j 00:37	9°♐23'49	3°30'14
min. Earth dist.	-2740 Dec 23 j 03:48	6°♐54'16	0.64463 AU
morning rise	-2740 Dec 26 j 20:19	3°♐10'25	
direct	-2739 Jan 02 j 16:36	0°♐19'47	
morning max el	-2739 Jan 16 j 03:08	8°♐03'07	27°18'44
desc. node	-2739 Jan 18 j 19:28	10°♐52'06	
	-2739 Feb 02 j 05:20	0°♑	
	-2739 Feb 19 j 14:41	0°♒	
morning set	-2739 Feb 20 j 08:43	1°♒27'42	
max. Earth dist.	-2739 Feb 25 j 05:32	11°♒14'43	1.33806 AU
superior conj	-2739 Feb 28 j 10:31	17°♒56'56	0°-57'-6
minimum elong	-2739 Feb 28 j 13:02	18°♒10'16	0°56'41
asc. node	-2739 Mar 06 j 04:34	0°♓11'01	
	-2739 Mar 06 j 02:29	0°♓	
evening rise	-2739 Mar 07 j 18:22	3°♓29'54	
	-2739 Mar 22 j 14:35	0°♈	
evening max el	-2739 Mar 28 j 21:55	7°♈22'42	22°09'45
retrograde	-2739 Apr 10 j 15:42	13°♈35'29	
evening set	-2739 Apr 13 j 11:48	13°♈17'39	
desc. node	-2739 Apr 16 j 18:26	12°♈16'45	
min. Earth dist.	-2739 Apr 22 j 04:46	9°♈32'04	0.55228 AU
inferior conj	-2739 Apr 22 j 20:20	9°♈10'05	-1°-40'-25
minimum elong	-2739 Apr 22 j 15:50	9°♈16'26	1°38'55
morning rise	-2739 May 01 j 21:31	5°♈13'22	
direct	-2739 May 04 j 15:27	4°♈56'21	
morning max el	-2739 May 16 j 10:56	10°♈29'05	21°20'29
	-2739 May 30 j 06:20	0°♉	
asc. node	-2739 Jun 02 j 03:59	5°♉32'16	
morning set	-2739 Jun 05 j 11:15	12°♉12'40	
superior conj	-2739 Jun 12 j 22:36	27°♉48'30	1°32'03
minimum elong	-2739 Jun 12 j 20:06	27°♉35'34	1°31'52
	-2739 Jun 14 j 00:05	0°♊	
max. Earth dist.	-2739 Jun 16 j 21:00	5°♊49'45	1.35231 AU
evening rise	-2739 Jun 21 j 08:29	14°♊34'32	
	-2739 Jun 29 j 22:20	0°♋	
desc. node	-2739 Jul 13 j 17:35	21°♋15'17	
	-2739 Jul 20 j 12:04	0°♌	
evening max el	-2739 Jul 26 j 16:16	6°♌43'30	26°42'17
retrograde	-2739 Aug 08 j 15:57	14°♌00'55	
evening set	-2739 Aug 15 j 07:41	11°♌15'53	
min. Earth dist.	-2739 Aug 19 j 07:47	7°♌07'44	0.65804 AU
inferior conj	-2739 Aug 21 j 00:45	5°♌05'21	-2°-34'-16
minimum elong	-2739 Aug 21 j 04:16	4°♌54'52	2°33'02
	-2739 Aug 26 j 00:31	30°℞♋	
morning rise	-2739 Aug 27 j 01:58	29°♋19'53	
asc. node	-2739 Aug 29 j 03:10	28°♋36'35	
direct	-2739 Aug 29 j 23:47	28°♋32'27	
	-2739 Sep 03 j 01:38	0°♌	
morning max el	-2739 Sep 05 j 16:10	2°♌14'13	18°32'57
	-2739 Sep 24 j 12:08	0°♍	
morning set	-2739 Sep 25 j 16:48	1°♍55'46	
desc. node	-2739 Oct 09 j 17:05	24°♍17'37	
superior conj	-2739 Oct 11 j 06:13	26°♍43'59	0°-9'-54
minimum elong	-2739 Oct 11 j 04:54	26°♍38'48	0°09'45
behind sun begin	-2739 Oct 10 j 19:42	26°♍02'32	
behind sun end	-2739 Oct 11 j 14:06	27°♍15'04	
max. Earth dist.	-2739 Oct 12 j 07:43	28°♍24'24	1.44890 AU
	-2739 Oct 13 j 08:01	0°♎	
evening rise	-2739 Oct 27 j 13:10	22°♎24'09	
	-2739 Nov 01 j 08:17	0°♏	
evening max el	-2739 Nov 19 j 00:07	25°♏25'27	19°08'57
asc. node	-2739 Nov 25 j 02:17	29°♏21'20	
retrograde	-2739 Nov 26 j 00:08	29°♏26'00	
evening set	-2739 Nov 29 j 05:04	28°♏26'23	
inferior conj	-2739 Dec 04 j 22:31	22°♏34'35	2°56'53
minimum elong	-2739 Dec 04 j 19:28	22°♏44'13	2°55'58
min. Earth dist.	-2739 Dec 06 j 08:33	20°♏47'11	0.65743 AU
morning rise	-2739 Dec 10 j 08:58	16°♏23'04	
direct	-2739 Dec 16 j 18:32	13°♏36'24	
morning max el	-2739 Dec 29 j 12:47	21°♏05'32	26°24'50
desc. node	-2738 Jan 05 j 16:32	29°♏13'15	
	-2738 Jan 06 j 07:22	0°♐	
	-2738 Jan 26 j 08:57	0°♑	
morning set	-2738 Feb 03 j 13:53	14°♑41'17	
max. Earth dist.	-2738 Feb 07 j 18:18	22°♑44'20	1.35072 AU
	-2738 Feb 11 j 09:16	0°♒	
superior conj	-2738 Feb 12 j 09:39	2°♒04'32	-1°-20'-16
minimum elong	-2738 Feb 12 j 12:53	2°♒21'09	1°19'53
evening rise	-2738 Feb 20 j 02:42	18°♒04'21	
asc. node	-2738 Feb 21 j 01:36	20°♒01'42	
	-2738 Feb 26 j 03:40	0°♓	
evening max el	-2738 Mar 11 j 00:18	18°♓30'01	20°44'45
retrograde	-2738 Mar 22 j 05:03	23°♓50'59	
evening set	-2738 Mar 24 j 12:16	23°♓38'20	
inferior conj	-2738 Apr 02 j 15:25	19°♓40'57	0°16'53
minimum elong	-2738 Apr 02 j 16:11	19°♓39'50	0°16'36
desc. node	-2738 Apr 03 j 15:32	19°♓06'16	
min. Earth dist.	-2738 Apr 03 j 18:53	19°♓01'27	0.55218 AU
morning rise	-2738 Apr 11 j 18:35	15°♓28'14	
direct	-2738 Apr 15 j 03:21	15°♓03'36	
morning max el	-2738 Apr 28 j 08:32	21°♓28'42	22°55'20
	-2738 May 05 j 15:45	0°♈	
asc. node	-2738 May 20 j 01:01	25°♈19'05	
morning set	-2738 May 20 j 22:12	27°♈09'10	
	-2738 May 22 j 06:42	0°♉	
superior conj	-2738 May 28 j 03:08	12°♉29'22	1°15'36
minimum elong	-2738 May 28 j 00:33	12°♉15'34	1°15'15
max. Earth dist.	-2738 May 30 j 18:11	18°♉01'59	1.34005 AU
evening rise	-2738 Jun 04 j 21:30	28°♉29'13	
	-2738 Jun 05 j 15:59	0°♊	
	-2738 Jun 23 j 02:23	0°♋	
desc. node	-2738 Jun 30 j 14:36	10°♋24'38	
evening max el	-2738 Jul 09 j 03:40	20°♋03'18	27°17'36
retrograde	-2738 Jul 22 j 14:59	27°♋25'36	
evening set	-2738 Jul 29 j 16:08	24°♋40'24	
min. Earth dist.	-2738 Aug 02 j 09:40	21°♋09'08	0.64529 AU
inferior conj	-2738 Aug 04 j 16:07	18°♋40'18	-3°-20'-46
minimum elong	-2738 Aug 04 j 20:12	18°♋29'09	3°19'37
morning rise	-2738 Aug 11 j 01:53	13°♋10'22	
direct	-2738 Aug 13 j 18:05	12°♋32'59	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2738 Aug 16 j 00:15	12°♋59'35	
morning max el	-2738 Aug 20 j 06:27	16°♋01'56	18°05'07
	-2738 Aug 30 j 05:40	0°♌	
morning set	-2738 Sep 07 j 00:42	13°♌03'49	
	-2738 Sep 17 j 04:59	0°♍	
superior conj	-2738 Sep 20 j 14:32	5°♍30'41	0°37'55
minimum elong	-2738 Sep 20 j 18:46	5°♍47'43	0°37'24
max. Earth dist.	-2738 Sep 25 j 01:18	12°♍37'28	1.44465 AU
desc. node	-2738 Sep 26 j 14:03	15°♍02'56	
	-2738 Oct 06 j 03:43	0°♎	
evening rise	-2738 Oct 07 j 03:28	1°♎31'55	
greatest brilliancy	-2738 Oct 26 j 02:48	0°♏01'31	-0.6m
	-2738 Oct 26 j 02:22	0°♏	
evening max el	-2738 Nov 02 j 05:41	8°♏52'35	20°02'27
retrograde	-2738 Nov 09 j 21:16	13°♏21'24	
asc. node	-2738 Nov 11 j 23:20	12°♏56'15	
evening set	-2738 Nov 13 j 10:37	12°♏07'43	
inferior conj	-2738 Nov 18 j 23:35	6°♏03'13	2°14'47
minimum elong	-2738 Nov 18 j 20:54	6°♏12'10	2°13'48
min. Earth dist.	-2738 Nov 19 j 20:40	4°♏53'04	0.66655 AU
morning rise	-2738 Nov 24 j 06:34	29°♎47'59	
	-2738 Nov 24 j 01:16	30°℞♎	
direct	-2738 Nov 30 j 02:00	27°♎15'34	
	-2738 Dec 06 j 23:57	0°♏	
morning max el	-2738 Dec 11 j 21:27	4°♏16'37	25°10'30
desc. node	-2738 Dec 23 j 13:34	18°♏21'29	
	-2738 Dec 31 j 16:23	0°♐	
morning set	-2737 Jan 17 j 01:49	26°♐58'49	
	-2737 Jan 18 j 17:53	0°♑	
max. Earth dist.	-2737 Jan 20 j 19:54	3°♑50'37	1.36774 AU
superior conj	-2737 Jan 26 j 23:41	15°♑40'22	-1°-39'-45
minimum elong	-2737 Jan 27 j 02:57	15°♑56'28	1°39'32
	-2737 Feb 03 j 02:47	0°♒	
evening rise	-2737 Feb 04 j 06:21	2°♒18'59	
asc. node	-2737 Feb 07 j 22:37	9°♒35'13	
	-2737 Feb 21 j 07:51	0°♓	
evening max el	-2737 Feb 21 j 13:27	0°♓13'32	19°36'01
retrograde	-2737 Mar 03 j 01:15	4°♓44'41	
evening set	-2737 Mar 05 j 07:40	4°♓30'23	
inferior conj	-2737 Mar 13 j 19:40	0°♓25'58	2°02'49
minimum elong	-2737 Mar 14 j 00:09	0°♓18'49	2°01'26
	-2737 Mar 14 j 11:54	30°℞♒	
min. Earth dist.	-2737 Mar 16 j 09:26	28°♒47'54	0.56131 AU
desc. node	-2737 Mar 21 j 12:37	26°♒06'38	
morning rise	-2737 Mar 22 j 13:07	25°♒44'36	
direct	-2737 Mar 26 j 23:45	25°♒00'13	
	-2737 Apr 07 j 16:03	0°♓	
morning max el	-2737 Apr 10 j 00:02	2°♓04'26	24°34'49
	-2737 Apr 29 j 08:28	0°♈	
morning set	-2737 May 05 j 10:21	12°♈10'45	
asc. node	-2737 May 06 j 22:03	15°♈19'45	
superior conj	-2737 May 12 j 11:59	27°♈23'38	0°55'30
minimum elong	-2737 May 12 j 09:48	27°♈11'48	0°55'07
	-2737 May 13 j 16:55	0°♉	
max. Earth dist.	-2737 May 14 j 00:12	0°♉39'13	1.33155 AU
evening rise	-2737 May 19 j 20:10	12°♉53'40	
	-2737 May 28 j 20:05	0°♊	
desc. node	-2737 Jun 17 j 11:37	28°♊44'01	
	-2737 Jun 18 j 15:02	0°♋	
evening max el	-2737 Jun 21 j 13:15	2°♋59'19	27°23'53
retrograde	-2737 Jul 05 j 07:45	10°♋20'50	
evening set	-2737 Jul 12 j 11:45	7°♋48'13	
min. Earth dist.	-2737 Jul 16 j 01:48	4°♋47'46	0.62893 AU
inferior conj	-2737 Jul 18 j 21:41	2°♋01'38	-3°-58'-51
minimum elong	-2737 Jul 19 j 01:24	1°♋52'31	3°58'07
	-2737 Jul 21 j 00:56	30°℞♊	
morning rise	-2737 Jul 25 j 17:17	26°♊50'35	
direct	-2737 Jul 28 j 06:14	26°♊20'28	
asc. node	-2737 Aug 02 j 21:19	28°♊49'10	
morning max el	-2737 Aug 03 j 21:29	29°♊44'53	17°55'14
	-2737 Aug 04 j 03:32	0°♋	
morning set	-2737 Aug 20 j 08:00	25°♋19'04	
	-2737 Aug 22 j 23:34	0°♌	
superior conj	-2737 Aug 31 j 23:32	15°♌31'16	1°14'55
minimum elong	-2737 Sep 01 j 05:02	15°♌54'19	1°14'23
max. Earth dist.	-2737 Sep 07 j 16:10	26°♌33'42	1.43373 AU
	-2737 Sep 09 j 19:27	0°♍	
desc. node	-2737 Sep 13 j 11:00	5°♍47'16	
evening rise	-2737 Sep 16 j 08:19	10°♍18'03	
	-2737 Sep 29 j 08:56	0°♎	
greatest brilliancy	-2737 Oct 10 j 20:53	16°♎03'46	-0.5m
evening max el	-2737 Oct 16 j 05:25	22°♎19'07	21°09'07
retrograde	-2737 Oct 24 j 18:15	27°♎22'40	
evening set	-2737 Oct 28 j 18:13	25°♎52'26	
asc. node	-2737 Oct 29 j 20:24	24°♎56'16	
inferior conj	-2737 Nov 03 j 04:20	19°♎38'29	1°27'00
minimum elong	-2737 Nov 03 j 02:26	19°♎45'00	1°26'13
min. Earth dist.	-2737 Nov 03 j 13:53	19°♎05'45	0.67226 AU
morning rise	-2737 Nov 08 j 10:18	13°♎21'57	
direct	-2737 Nov 13 j 14:17	11°♎09'47	
morning max el	-2737 Nov 24 j 06:11	17°♎31'17	23°45'24
	-2737 Dec 04 j 15:40	0°♏	
desc. node	-2737 Dec 10 j 10:34	8°♏02'28	
	-2737 Dec 24 j 18:21	0°♐	
morning set	-2737 Dec 29 j 14:15	8°♐02'30	
max. Earth dist.	-2736 Jan 02 j 15:47	15°♐05'13	1.38787 AU
superior conj	-2736 Jan 10 j 00:41	28°♐32'37	-1°-53'-7
minimum elong	-2736 Jan 10 j 02:47	28°♐42'34	1°53'07
	-2736 Jan 10 j 19:10	0°♑	
evening rise	-2736 Jan 19 j 02:46	16°♑05'51	
asc. node	-2736 Jan 25 j 19:39	28°♑44'28	
	-2736 Jan 26 j 12:51	0°♒	
evening max el	-2736 Feb 04 j 12:23	12°♒30'59	18°46'37
retrograde	-2736 Feb 12 j 14:30	16°♒25'40	
evening set	-2736 Feb 14 j 23:58	16°♒06'26	
inferior conj	-2736 Feb 22 j 18:27	11°♒44'18	3°15'18
minimum elong	-2736 Feb 22 j 22:44	11°♒36'21	3°14'24
min. Earth dist.	-2736 Feb 26 j 01:38	9°♒18'50	0.57741 AU
morning rise	-2736 Mar 01 j 17:40	6°♒33'01	
direct	-2736 Mar 07 j 08:48	5°♒15'42	
desc. node	-2736 Mar 07 j 09:42	5°♒15'42	
morning max el	-2736 Mar 21 j 15:40	12°♒43'10	26°04'44
	-2736 Apr 04 j 04:05	0°♓	
morning set	-2736 Apr 18 j 22:00	27°♓10'47	
	-2736 Apr 20 j 06:02	0°♈	
asc. node	-2736 Apr 22 j 19:04	5°♈28'35	
superior conj	-2736 Apr 25 j 23:08	12°♈23'51	0°32'45
minimum elong	-2736 Apr 25 j 21:44	12°♈16'12	0°32'29
max. Earth dist.	-2736 Apr 26 j 11:45	13°♈32'53	1.32657 AU
evening rise	-2736 May 03 j 01:21	27°♈36'56	
	-2736 May 04 j 05:10	0°♉	
	-2736 May 21 j 06:16	0°♊	
evening max el	-2736 Jun 02 j 18:14	15°♊18'21	26°57'34
desc. node	-2736 Jun 03 j 08:41	15°♊52'16	
retrograde	-2736 Jun 16 j 17:27	22°♊37'45	
evening set	-2736 Jun 23 j 14:22	20°♊31'26	
min. Earth dist.	-2736 Jun 27 j 07:48	17°♊49'22	0.60957 AU
inferior conj	-2736 Jun 30 j 14:06	15°♊01'05	-4°-22'-57

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2736 Jun	30 j 16:03	14°♊56'53	4°22'45
morning rise	-2736 Jul	07 j 20:43	10°♊11'44	
direct	-2736 Jul	10 j 08:20	9°♊46'58	
morning max el	-2736 Jul	17 j 10:31	13°♊16'26	18°04'18
asc. node	-2736 Jul	19 j 18:23	15°♊50'03	
	-2736 Jul	28 j 18:41	0°♋	
morning set	-2736 Aug	02 j 09:04	8°♋26'02	
superior conj	-2736 Aug	12 j 12:03	26°♋54'13	1°37'44
minimum elong	-2736 Aug	12 j 15:42	27°♋10'21	1°37'33
	-2736 Aug	14 j 06:18	0°♌	
max. Earth dist.	-2736 Aug	20 j 01:44	9°♌55'40	1.41754 AU
evening rise	-2736 Aug	25 j 23:05	19°♌33'39	
desc. node	-2736 Aug	30 j 08:00	26°♌27'39	
	-2736 Sep	01 j 15:00	0°♍	
	-2736 Sep	22 j 20:56	0°♎	
greatest brilliancy	-2736 Sep	23 j 05:16	0°♎25'27	-0.3m
evening max el	-2736 Sep	27 j 23:09	5°♎45'35	22°25'15
retrograde	-2736 Oct	07 j 13:30	11°♎27'51	
evening set	-2736 Oct	12 j 02:05	9°♎39'06	
asc. node	-2736 Oct	15 j 17:28	5°♎40'06	
inferior conj	-2736 Oct	17 j 10:53	3°♎19'18	0°35'29
minimum elong	-2736 Oct	17 j 10:04	3°♎22'08	0°35'08
min. Earth dist.	-2736 Oct	17 j 09:54	3°♎22'43	0.67480 AU
	-2736 Oct	19 j 22:39	30°℞♍	
morning rise	-2736 Oct	22 j 17:56	27°♍04'02	
direct	-2736 Oct	27 j 06:48	25°♍14'00	
	-2736 Nov	04 j 21:14	0°♎	
morning max el	-2736 Nov	05 j 17:56	0°♎51'04	22°18'58
greatest brilliancy	-2736 Nov	10 j 10:31	6°♎08'23	-0.3m
desc. node	-2736 Nov	26 j 07:33	28°♎07'09	
	-2736 Nov	27 j 13:42	0°♏	
morning set	-2736 Dec	08 j 22:13	17°♏42'25	
max. Earth dist.	-2736 Dec	14 j 13:27	27°♏00'37	1.40866 AU
	-2736 Dec	16 j 07:45	0°♐	
superior conj	-2736 Dec	22 j 07:43	10°♐28'55	-1°-57'-1
minimum elong	-2736 Dec	22 j 07:05	10°♐26'03	1°57'05
evening rise	-2735 Jan	01 j 12:54	29°♐18'03	
	-2735 Jan	01 j 21:52	0°♑	
asc. node	-2735 Jan	11 j 16:41	17°♑21'40	
evening max el	-2735 Jan	17 j 18:43	25°♑15'58	18°17'20
retrograde	-2735 Jan	24 j 22:16	28°♑49'50	
evening set	-2735 Jan	27 j 10:59	28°♑24'02	
inferior conj	-2735 Feb	03 j 13:52	23°♑40'36	3°51'35
minimum elong	-2735 Feb	03 j 15:45	23°♑36'34	3°51'21
min. Earth dist.	-2735 Feb	06 j 22:27	20°♑48'08	0.59719 AU
morning rise	-2735 Feb	10 j 17:17	18°♑06'21	
direct	-2735 Feb	17 j 06:16	16°♑10'12	
desc. node	-2735 Feb	22 j 06:47	17°♑14'30	
morning max el	-2735 Mar	03 j 12:18	23°♑50'28	27°10'18
	-2735 Mar	09 j 02:17	0°♒	
	-2735 Mar	28 j 05:57	0°♓	
morning set	-2735 Apr	03 j 07:25	12°♓02'55	
asc. node	-2735 Apr	09 j 16:06	25°♓41'15	
superior conj	-2735 Apr	10 j 10:52	27°♓24'00	0°08'14
minimum elong	-2735 Apr	10 j 10:30	27°♓21'59	0°08'09
behind sun begin	-2735 Apr	10 j 06:11	26°♓58'21	
behind sun end	-2735 Apr	10 j 14:49	27°♓45'38	
max. Earth dist.	-2735 Apr	10 j 01:03	26°♓30'14	1.32498 AU
	-2735 Apr	11 j 15:21	0°♈	
evening rise	-2735 Apr	17 j 10:38	12°♈30'41	
	-2735 Apr	26 j 09:25	0°♉	
evening max el	-2735 May	15 j 16:47	26°♉53'43	25°59'37
	-2735 May	19 j 07:42	0°♊	
desc. node	-2735 May	21 j 05:46	1°♊20'00	
retrograde	-2735 May	29 j 18:43	4°♊09'19	
evening set	-2735 Jun	04 j 20:00	2°♊39'57	
min. Earth dist.	-2735 Jun	09 j 05:22	29°♉58'44	0.58903 AU
	-2735 Jun	09 j 04:40	30°℞♉	
inferior conj	-2735 Jun	12 j 13:42	27°♉28'53	-4°-24'-40
minimum elong	-2735 Jun	12 j 12:17	27°♉31'34	4°24'34
morning rise	-2735 Jun	20 j 08:22	23°♉02'06	
direct	-2735 Jun	22 j 19:55	22°♉41'27	
morning max el	-2735 Jun	30 j 18:36	26°♉27'51	18°33'07
	-2735 Jul	03 j 22:41	0°♊	
asc. node	-2735 Jul	06 j 15:27	3°♊46'46	
morning set	-2735 Jul	16 j 22:59	22°♊11'22	
	-2735 Jul	21 j 00:05	0°♋	
superior conj	-2735 Jul	25 j 23:20	9°♋25'35	1°47'42
minimum elong	-2735 Jul	26 j 00:26	9°♋30'43	1°47'45
max. Earth dist.	-2735 Aug	02 j 05:27	22°♋31'51	1.39834 AU
evening rise	-2735 Aug	06 j 13:04	29°♋55'20	
	-2735 Aug	06 j 14:11	0°♌	
desc. node	-2735 Aug	17 j 05:01	16°♌59'40	
	-2735 Aug	26 j 01:35	0°♍	
evening max el	-2735 Sep	10 j 12:18	19°♍13'30	23°45'45
retrograde	-2735 Sep	21 j 05:42	25°♍33'15	
evening set	-2735 Sep	26 j 08:29	23°♍25'22	
inferior conj	-2735 Oct	01 j 17:28	17°♍03'26	0°-18'-6
minimum elong	-2735 Oct	01 j 17:54	17°♍01'58	0°17'56
min. Earth dist.	-2735 Oct	01 j 06:16	17°♍41'40	0.67428 AU
asc. node	-2735 Oct	02 j 14:33	15°♍51'59	
morning rise	-2735 Oct	07 j 03:28	10°♍52'19	
direct	-2735 Oct	11 j 02:40	9°♍23'29	
morning max el	-2735 Oct	19 j 11:35	14°♍18'11	20°58'53
greatest brilliancy	-2735 Oct	25 j 04:10	20°♍58'26	-0.5m
	-2735 Oct	31 j 18:18	0°♎	
desc. node	-2735 Nov	13 j 04:34	18°♎28'26	
morning set	-2735 Nov	18 j 04:20	26°♎11'25	
	-2735 Nov	20 j 14:34	0°♏	
max. Earth dist.	-2735 Nov	26 j 17:33	9°♏48'45	1.42718 AU
superior conj	-2735 Dec	03 j 15:13	21°♏16'03	-1°-47'-24
minimum elong	-2735 Dec	03 j 10:32	20°♏56'16	1°47'11
	-2735 Dec	08 j 17:08	0°♐	
evening rise	-2735 Dec	15 j 08:58	11°♐47'22	
	-2735 Dec	25 j 21:46	0°♑	
asc. node	-2735 Dec	29 j 13:43	5°♑17'00	
evening max el	-2734 Jan	01 j 05:37	8°♑20'44	18°07'55
retrograde	-2734 Jan	07 j 21:10	11°♑47'44	
evening set	-2734 Jan	10 j 13:10	11°♑14'16	
inferior conj	-2734 Jan	17 j 03:25	6°♑09'18	3°58'52
minimum elong	-2734 Jan	17 j 02:48	6°♑10'50	3°58'46
min. Earth dist.	-2734 Jan	20 j 02:46	3°♑14'02	0.61739 AU
morning rise	-2734 Jan	23 j 14:04	0°♑19'43	
	-2734 Jan	24 j 01:40	30°℞♐	
direct	-2734 Jan	30 j 13:59	27°♐50'59	
	-2734 Feb	06 j 13:33	0°♑	
desc. node	-2734 Feb	09 j 03:52	1°♑43'56	
morning max el	-2734 Feb	13 j 15:06	5°♑37'22	27°41'53
	-2734 Mar	03 j 23:45	0°♒	
morning set	-2734 Mar	18 j 12:38	26°♒40'01	
	-2734 Mar	20 j 03:24	0°♓	
max. Earth dist.	-2734 Mar	24 j 12:18	9°♓17'49	1.32690 AU
superior conj	-2734 Mar	25 j 21:35	12°♓18'17	0°-17'-15
minimum elong	-2734 Mar	25 j 22:22	12°♓22'35	0°17'07
asc. node	-2734 Mar	27 j 13:08	15°♓53'45	
evening rise	-2734 Apr	01 j 21:59	27°♓27'56	
	-2734 Apr	03 j 03:03	0°♈	
	-2734 Apr	20 j 12:47	0°♉	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening max el	-2734 Apr 27 j 09:54	7°♉52'25	24°37'26
desc. node	-2734 May 08 j 02:51	14°♉31'33	
retrograde	-2734 May 11 j 09:15	14°♉56'11	
evening set	-2734 May 16 j 03:57	14°♉04'28	
min. Earth dist.	-2734 May 21 j 21:50	11°♉07'52	0.57023 AU
inferior conj	-2734 May 24 j 17:44	9°♉17'40	-3°-53'-10
minimum elong	-2734 May 24 j 12:34	9°♉26'08	3°52'14
morning rise	-2734 Jun 02 j 01:14	5°♉10'19	
direct	-2734 Jun 04 j 13:22	4°♉52'45	
morning max el	-2734 Jun 13 j 18:52	9°♉10'17	19°22'20
asc. node	-2734 Jun 23 j 12:31	22°♉26'55	
	-2734 Jun 27 j 15:16	0°♊	
morning set	-2734 Jun 30 j 22:06	6°♊26'24	
superior conj	-2734 Jul 09 j 03:42	22°♊49'46	1°47'26
minimum elong	-2734 Jul 09 j 02:46	22°♊45'13	1°47'30
	-2734 Jul 12 j 21:13	0°♋	
max. Earth dist.	-2734 Jul 15 j 07:32	4°♋31'55	1.37882 AU
evening rise	-2734 Jul 19 j 04:46	11°♋32'27	
	-2734 Jul 30 j 07:04	0°♌	
desc. node	-2734 Aug 04 j 02:03	7°♌18'38	
	-2734 Aug 21 j 07:59	0°♍	
evening max el	-2734 Aug 23 j 23:30	2°♍45'23	25°03'43
retrograde	-2734 Sep 04 j 17:49	9°♍35'14	
evening set	-2734 Sep 10 j 11:38	7°♍09'25	
min. Earth dist.	-2734 Sep 15 j 00:32	2°♍01'08	0.67068 AU
inferior conj	-2734 Sep 15 j 22:22	0°♍49'13	-1°-12'-13
minimum elong	-2734 Sep 16 j 00:06	0°♍43'31	1°11'29
	-2734 Sep 16 j 13:23	30°℞♌	
asc. node	-2734 Sep 19 j 11:38	26°♌31'00	
morning rise	-2734 Sep 21 j 13:01	24°♌45'22	
direct	-2734 Sep 25 j 00:37	23°♌35'08	
morning max el	-2734 Oct 02 j 12:34	27°♌54'23	19°50'23
	-2734 Oct 04 j 10:33	0°♍	
greatest brilliancy	-2734 Oct 10 j 08:45	7°♍42'46	-0.6m
	-2734 Oct 25 j 05:48	0°♎	
morning set	-2734 Oct 28 j 02:10	4°♎24'07	
desc. node	-2734 Oct 31 j 01:34	9°♎01'23	
max. Earth dist.	-2734 Nov 09 j 05:05	23°♎24'43	1.44093 AU
	-2734 Nov 13 j 07:44	0°♏	
superior conj	-2734 Nov 13 j 19:28	0°♏47'23	-1°-20'-54
minimum elong	-2734 Nov 13 j 12:04	0°♏17'26	1°20'13
evening rise	-2734 Nov 27 j 10:34	23°♏25'34	
	-2734 Dec 01 j 07:17	0°♐	
evening max el	-2734 Dec 15 j 18:16	21°♐38'09	18°17'32
asc. node	-2734 Dec 16 j 10:46	22°♐18'19	
retrograde	-2734 Dec 22 j 06:57	25°♐10'13	
evening set	-2734 Dec 25 j 02:54	24°♐27'49	
inferior conj	-2734 Dec 31 j 07:15	19°♐02'34	3°45'23
minimum elong	-2734 Dec 31 j 04:59	19°♐08'51	3°45'00
min. Earth dist.	-2733 Jan 02 j 16:22	16°♐24'58	0.63565 AU
morning rise	-2733 Jan 06 j 05:29	13°♐02'24	
direct	-2733 Jan 13 j 05:39	10°♐15'16	
morning max el	-2733 Jan 26 j 22:27	18°♐01'24	27°36'56
desc. node	-2733 Jan 27 j 00:56	18°♐07'33	
	-2733 Feb 06 j 01:09	0°♑	
	-2733 Feb 24 j 19:02	0°♒	
morning set	-2733 Mar 02 j 11:07	10°♒52'39	
max. Earth dist.	-2733 Mar 07 j 17:31	21°♒41'12	1.33276 AU
superior conj	-2733 Mar 10 j 05:24	26°♒59'27	0°-42'-47
minimum elong	-2733 Mar 10 j 07:21	27°♒09'49	0°42'27
	-2733 Mar 11 j 15:03	0°♓	
asc. node	-2733 Mar 14 j 10:10	6°♓01'06	
evening rise	-2733 Mar 17 j 09:35	12°♓21'03	
	-2733 Mar 26 j 11:27	0°♈	

evening max el	-2733 Apr 09 j 01:46	18°♈33'00	23°03'32
retrograde	-2733 Apr 22 j 10:32	25°♈09'03	
desc. node	-2733 Apr 24 j 23:56	24°♈54'37	
evening set	-2733 Apr 25 j 21:07	24°♈43'10	
min. Earth dist.	-2733 May 03 j 11:53	21°♈19'32	0.55661 AU
inferior conj	-2733 May 05 j 02:21	20°♈23'34	-2°-40'00
minimum elong	-2733 May 04 j 20:11	20°♈32'35	2°38'12
morning rise	-2733 May 13 j 22:09	16°♈27'09	
direct	-2733 May 16 j 12:44	16°♈10'50	
morning max el	-2733 May 27 j 08:47	21°♈13'14	20°31'59
	-2733 Jun 03 j 13:54	0°♉	
asc. node	-2733 Jun 10 j 09:35	11°♉39'06	
morning set	-2733 Jun 15 j 03:32	21°♉02'35	
	-2733 Jun 19 j 11:54	0°♊	
superior conj	-2733 Jun 22 j 20:13	6°♊51'54	1°39'25
minimum elong	-2733 Jun 22 j 18:04	6°♊40'58	1°39'19
max. Earth dist.	-2733 Jun 27 j 14:15	16°♊19'45	1.36115 AU
evening rise	-2733 Jul 01 j 18:04	24°♊13'58	
	-2733 Jul 04 j 22:11	0°♋	
desc. node	-2733 Jul 21 j 23:05	27°♋17'49	
	-2733 Jul 23 j 21:16	0°♌	
evening max el	-2733 Aug 06 j 10:44	16°♌18'50	26°11'16
retrograde	-2733 Aug 19 j 01:05	23°♌28'23	
evening set	-2733 Aug 25 j 09:30	20°♌48'31	
min. Earth dist.	-2733 Aug 29 j 14:10	16°♌18'07	0.66374 AU
inferior conj	-2733 Aug 30 j 23:43	14°♌33'41	-2°-5'-8
minimum elong	-2733 Aug 31 j 02:40	14°♌24'32	2°04'00
morning rise	-2733 Sep 05 j 20:39	8°♌40'31	
asc. node	-2733 Sep 06 j 08:44	8°♌24'08	
direct	-2733 Sep 08 j 22:53	7°♌45'38	
morning max el	-2733 Sep 15 j 20:21	11°♌38'11	18°56'33
	-2733 Sep 29 j 02:20	0°♍	
morning set	-2733 Oct 07 j 15:21	13°♍27'31	
desc. node	-2733 Oct 17 j 22:34	29°♍41'52	
	-2733 Oct 18 j 03:10	0°♎	
max. Earth dist.	-2733 Oct 22 j 22:01	7°♎32'02	1.44812 AU
superior conj	-2733 Oct 24 j 00:56	9°♎18'10	0°-38'-25
minimum elong	-2733 Oct 23 j 20:02	8°♎58'48	0°37'49
	-2733 Nov 06 j 00:45	0°♏	
evening rise	-2733 Nov 08 j 13:21	4°♏04'49	
	-2733 Nov 25 j 02:18	0°♐	
evening max el	-2733 Nov 29 j 05:57	5°♐02'25	18°45'17
asc. node	-2733 Dec 03 j 07:49	8°♐11'09	
retrograde	-2733 Dec 05 j 23:41	8°♐49'53	
evening set	-2733 Dec 09 j 00:54	7°♐56'59	
inferior conj	-2733 Dec 14 j 21:43	2°♐13'50	3°17'35
minimum elong	-2733 Dec 14 j 18:44	2°♐22'53	3°16'50
min. Earth dist.	-2733 Dec 16 j 15:47	0°♐06'30	0.65056 AU
	-2733 Dec 16 j 17:59	30°℞♏	
morning rise	-2733 Dec 20 j 11:30	26°♏05'53	
direct	-2733 Dec 27 j 03:52	23°♏15'37	
	-2732 Jan 08 j 10:02	0°♐	
morning max el	-2732 Jan 09 j 07:58	0°♐53'32	26°58'58
desc. node	-2732 Jan 13 j 21:58	5°♐53'05	
	-2732 Jan 31 j 01:57	0°♑	
morning set	-2732 Feb 13 j 23:45	24°♑31'10	
	-2732 Feb 16 j 18:59	0°♒	
max. Earth dist.	-2732 Feb 18 j 13:16	3°♒32'04	1.34292 AU
superior conj	-2732 Feb 22 j 08:24	11°♒21'17	-1°-7'-14
minimum elong	-2732 Feb 22 j 11:17	11°♒36'22	1°06'50
asc. node	-2732 Feb 29 j 07:11	25°♒59'12	
evening rise	-2732 Feb 29 j 19:40	27°♒04'15	
	-2732 Mar 02 j 05:44	0°♓	
evening max el	-2732 Mar 20 j 22:41	29°♓23'09	21°31'55

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2732 Mar 21 j 14:30	0°♈	
retrograde	-2732 Apr 02 j 01:32	5°♈14'30	
evening set	-2732 Apr 04 j 14:37	4°♈59'49	
desc. node	-2732 Apr 10 j 21:00	2°♈39'08	
inferior conj	-2732 Apr 13 j 22:29	0°♈58'45	0°-51'-23
minimum elong	-2732 Apr 13 j 20:04	1°♈02'09	0°50'34
min. Earth dist.	-2732 Apr 14 j 01:19	0°♈54'46	0.55111 AU
	-2732 Apr 15 j 16:41	30°℞♓	
morning rise	-2732 Apr 23 j 01:54	26°♓57'48	
direct	-2732 Apr 26 j 00:54	26°♓38'38	
	-2732 May 05 j 09:19	0°♈	
morning max el	-2732 May 08 j 11:47	2°♈33'41	21°59'32
	-2732 May 26 j 15:38	0°♉	
asc. node	-2732 May 27 j 06:37	1°♉15'03	
morning set	-2732 May 29 j 13:01	5°♉53'19	
superior conj	-2732 Jun 05 j 21:11	21°♉21'05	1°25'36
minimum elong	-2732 Jun 05 j 18:35	21°♉07'23	1°25'19
max. Earth dist.	-2732 Jun 09 j 05:55	28°♉19'15	1.34666 AU
	-2732 Jun 10 j 01:44	0°♊	
evening rise	-2732 Jun 13 j 23:45	7°♊45'27	
	-2732 Jun 26 j 12:12	0°♋	
desc. node	-2732 Jul 07 j 20:06	16°♋48'36	
evening max el	-2732 Jul 18 j 22:16	29°♋46'23	27°00'25
	-2732 Jul 19 j 03:57	0°♌	
retrograde	-2732 Aug 01 j 03:09	7°♌06'05	
evening set	-2732 Aug 07 j 23:41	4°♌19'29	
min. Earth dist.	-2732 Aug 11 j 20:46	0°♌27'40	0.65315 AU
	-2732 Aug 12 j 06:30	30°℞♋	
inferior conj	-2732 Aug 13 j 19:25	28°♋13'18	-2°-54'-47
minimum elong	-2732 Aug 13 j 23:15	28°♋02'15	2°53'31
morning rise	-2732 Aug 20 j 00:07	22°♋34'10	
direct	-2732 Aug 22 j 19:20	21°♋51'17	
asc. node	-2732 Aug 23 j 05:49	21°♋52'20	
morning max el	-2732 Aug 29 j 09:02	25°♋26'11	18°18'59
	-2732 Sep 02 j 04:43	0°♌	
morning set	-2732 Sep 17 j 07:36	23°♌50'40	
	-2732 Sep 21 j 01:46	0°♍	
superior conj	-2732 Oct 02 j 01:37	17°♍40'20	0°11'13
minimum elong	-2732 Oct 02 j 03:02	17°♍46'00	0°11'03
behind sun begin	-2732 Oct 01 j 18:48	17°♍13'19	
behind sun end	-2732 Oct 02 j 11:17	18°♍18'40	
desc. node	-2732 Oct 03 j 19:32	20°♍26'13	
max. Earth dist.	-2732 Oct 04 j 16:41	21°♍49'42	1.44800 AU
	-2732 Oct 09 j 21:25	0°♎	
evening rise	-2732 Oct 18 j 15:43	13°♎42'30	
	-2732 Oct 29 j 03:17	0°♏	
greatest brilliancy	-2732 Nov 02 j 17:49	6°♏56'26	-0.7m
evening max el	-2732 Nov 11 j 14:14	18°♏28'39	19°29'52
retrograde	-2732 Nov 18 j 20:04	22°♏40'26	
asc. node	-2732 Nov 19 j 04:53	22°♏39'40	
evening set	-2732 Nov 22 j 04:22	21°♏35'00	
inferior conj	-2732 Nov 27 j 19:40	15°♏37'05	2°39'49
minimum elong	-2732 Nov 27 j 16:43	15°♏46'40	2°38'51
min. Earth dist.	-2732 Nov 28 j 23:53	14°♏05'41	0.66174 AU
morning rise	-2732 Dec 03 j 04:19	9°♏23'41	
direct	-2732 Dec 09 j 08:00	6°♏42'26	
morning max el	-2732 Dec 21 j 17:26	14°♏01'07	25°55'12
desc. node	-2732 Dec 30 j 18:59	24°♏35'48	
	-2731 Jan 03 j 19:11	0°♐	
	-2731 Jan 22 j 19:59	0°♑	
morning set	-2731 Jan 26 j 22:14	7°♑22'17	
max. Earth dist.	-2731 Jan 30 j 21:18	14°♑50'08	1.35752 AU
superior conj	-2731 Feb 05 j 04:00	25°♑15'44	-1°-29'-7
minimum elong	-2731 Feb 05 j 07:21	25°♑32'42	1°28'47
	-2731 Feb 07 j 11:52	0°♒	
evening rise	-2731 Feb 13 j 02:16	11°♒30'41	
asc. node	-2731 Feb 15 j 04:11	15°♒42'56	
	-2731 Feb 22 j 23:02	0°♓	
evening max el	-2731 Mar 03 j 05:22	10°♓44'01	20°13'10
retrograde	-2731 Mar 13 j 16:36	15°♓43'18	
evening set	-2731 Mar 15 j 22:24	15°♓30'33	
inferior conj	-2731 Mar 24 j 19:46	11°♓31'32	1°05'02
minimum elong	-2731 Mar 24 j 22:34	11°♓27'22	1°04'04
min. Earth dist.	-2731 Mar 26 j 15:22	10°♓26'35	0.55499 AU
desc. node	-2731 Mar 28 j 18:03	9°♓14'53	
morning rise	-2731 Apr 02 j 20:14	7°♓07'38	
direct	-2731 Apr 06 j 14:43	6°♓36'34	
morning max el	-2731 Apr 20 j 06:12	13°♓20'13	23°38'02
	-2731 May 03 j 00:12	0°♈	
morning set	-2731 May 14 j 00:40	20°♈52'37	
asc. node	-2731 May 14 j 03:39	21°♈08'14	
	-2731 May 18 j 07:22	0°♉	
superior conj	-2731 May 21 j 03:50	6°♉08'29	1°07'27
minimum elong	-2731 May 21 j 01:21	5°♉55'13	1°07'05
max. Earth dist.	-2731 May 23 j 07:06	10°♉42'01	1.33590 AU
evening rise	-2731 May 28 j 17:16	21°♉53'47	
	-2731 Jun 01 j 21:20	0°♊	
	-2731 Jun 20 j 08:15	0°♋	
desc. node	-2731 Jun 24 j 17:08	5°♋39'00	
evening max el	-2731 Jul 01 j 08:59	12°♋57'05	27°24'05
retrograde	-2731 Jul 14 j 23:44	20°♋20'04	
evening set	-2731 Jul 22 j 03:12	17°♋38'06	
min. Earth dist.	-2731 Jul 25 j 18:33	14°♋21'24	0.63873 AU
inferior conj	-2731 Jul 28 j 07:00	11°♋43'25	-3°-38'-14
minimum elong	-2731 Jul 28 j 11:04	11°♋32'47	3°37'13
morning rise	-2731 Aug 03 j 20:50	6°♋21'30	
direct	-2731 Aug 06 j 11:21	5°♋47'35	
asc. node	-2731 Aug 10 j 02:53	6°♋54'11	
morning max el	-2731 Aug 13 j 00:06	9°♋13'27	17°58'45
	-2731 Aug 26 j 21:42	0°♌	
morning set	-2731 Aug 30 j 02:13	5°♌29'41	
superior conj	-2731 Sep 11 j 19:30	26°♌56'30	0°55'16
minimum elong	-2731 Sep 12 j 00:48	27°♌18'12	0°54'40
	-2731 Sep 13 j 16:31	0°♍	
max. Earth dist.	-2731 Sep 17 j 09:24	5°♍57'47	1.44074 AU
desc. node	-2731 Sep 20 j 16:32	11°♍11'50	
evening rise	-2731 Sep 27 j 23:57	22°♍35'51	
	-2731 Oct 02 j 19:45	0°♎	
greatest brilliancy	-2731 Oct 19 j 11:20	24°♎22'16	-0.5m
	-2731 Oct 23 j 23:05	0°♏	
evening max el	-2731 Oct 25 j 17:21	1°♏55'15	20°29'16
retrograde	-2731 Nov 02 j 17:31	6°♏38'39	
evening set	-2731 Nov 06 j 11:02	5°♏18'18	
asc. node	-2731 Nov 06 j 01:57	5°♏33'53	
	-2731 Nov 11 j 07:30	30°℞♎	
inferior conj	-2731 Nov 11 j 22:36	29°♎09'08	1°55'05
minimum elong	-2731 Nov 11 j 20:12	29°♎17'14	1°54'09
min. Earth dist.	-2731 Nov 12 j 14:36	28°♎14'58	0.66939 AU
morning rise	-2731 Nov 17 j 04:51	22°♎52'45	
direct	-2731 Nov 22 j 17:39	20°♎28'32	
morning max el	-2731 Dec 04 j 02:04	27°♎14'34	24°34'55
	-2731 Dec 06 j 16:13	0°♏	
desc. node	-2731 Dec 17 j 16:00	13°♏59'07	
	-2731 Dec 28 j 11:20	0°♐	
morning set	-2730 Jan 09 j 00:57	19°♐10'17	
max. Earth dist.	-2730 Jan 12 j 19:21	25°♐54'07	1.37604 AU
	-2730 Jan 15 j 00:47	0°♑	
superior conj	-2730 Jan 19 j 12:58	8°♑33'45	-1°-46'-22

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2730 Jan 19 j 15:55	8°♑48'02	1°46'14	
evening rise	-2730 Jan 28 j 03:10	25°♑33'50		
	-2730 Jan 30 j 09:10	0°♒		
asc. node	-2730 Feb 02 j 01:13	5°♒06'38		
evening max el	-2730 Feb 13 j 22:53	22°♒42'10	19°12'34	
retrograde	-2730 Feb 22 j 19:23	26°♒56'01		
evening set	-2730 Feb 25 j 02:42	26°♒40'04		
inferior conj	-2730 Mar 05 j 07:14	22°♒29'10	2°38'13	
minimum elong	-2730 Mar 05 j 12:03	22°♒20'58	2°36'55	
min. Earth dist.	-2730 Mar 08 j 06:43	20°♒28'37	0.56742 AU	
morning rise	-2730 Mar 13 j 17:28	17°♒34'06		
desc. node	-2730 Mar 15 j 15:08	16°♒58'54		
direct	-2730 Mar 18 j 16:24	16°♒36'58		
morning max el	-2730 Apr 01 j 21:06	23°♒53'49	25°15'16	
	-2730 Apr 07 j 09:46	0°♓		
	-2730 Apr 25 j 16:04	0°♈		
morning set	-2730 Apr 28 j 12:47	5°♈53'54		
asc. node	-2730 May 01 j 00:40	11°♈12'38		
superior conj	-2730 May 05 j 13:52	21°♈05'59	0°46'07	
minimum elong	-2730 May 05 j 11:59	20°♈55'42	0°45'47	
max. Earth dist.	-2730 May 06 j 15:38	23°♈26'05	1.32890 AU	
	-2730 May 09 j 16:55	0°♉		
evening rise	-2730 May 12 j 19:00	6°♉27'02		
	-2730 May 25 j 10:52	0°♊		
desc. node	-2730 Jun 11 j 14:11	23°♊31'11		
evening max el	-2730 Jun 13 j 16:48	25°♊38'10	27°16'51	
	-2730 Jun 19 j 01:29	0°♋		
retrograde	-2730 Jun 27 j 13:58	2°♋59'49		
evening set	-2730 Jul 04 j 16:10	0°♋36'42		
	-2730 Jul 05 j 13:10	30°℞♊		
min. Earth dist.	-2730 Jul 08 j 06:26	27°♊45'53	0.62088 AU	
inferior conj	-2730 Jul 11 j 07:25	24°♊56'21	-4°-11'-14	
minimum elong	-2730 Jul 11 j 10:34	24°♊48'58	4°10'45	
morning rise	-2730 Jul 18 j 07:34	19°♊54'20		
direct	-2730 Jul 20 j 19:36	19°♊26'51		
morning max el	-2730 Jul 27 j 14:40	22°♊52'31	17°56'45	
asc. node	-2730 Jul 27 j 23:58	23°♊15'47		
	-2730 Aug 02 j 04:53	0°♋		
morning set	-2730 Aug 12 j 17:46	18°♋08'27		
	-2730 Aug 19 j 08:34	0°♌		
superior conj	-2730 Aug 23 j 16:30	7°♌32'53	1°26'17	
minimum elong	-2730 Aug 23 j 21:26	7°♌54'02	1°25'54	
max. Earth dist.	-2730 Aug 30 j 21:36	19°♌38'53	1.42735 AU	
	-2730 Sep 06 j 08:16	0°♍		
evening rise	-2730 Sep 07 j 06:41	1°♍28'10		
desc. node	-2730 Sep 07 j 13:32	1°♍55'01		
	-2730 Sep 26 j 09:29	0°♎		
greatest brilliancy	-2730 Oct 03 j 16:15	9°♎43'27	-0.4m	
evening max el	-2730 Oct 08 j 14:30	15°♎21'51	21°40'36	
retrograde	-2730 Oct 17 j 13:59	20°♎41'51		
evening set	-2730 Oct 21 j 19:00	19°♎04'11		
asc. node	-2730 Oct 23 j 23:01	16°♎58'06		
inferior conj	-2730 Oct 27 j 04:23	12°♎47'23	1°05'33	
minimum elong	-2730 Oct 27 j 02:55	12°♎52'27	1°04'55	
min. Earth dist.	-2730 Oct 27 j 09:27	12°♎29'53	0.67373 AU	
morning rise	-2730 Nov 01 j 10:33	6°♎30'49		
direct	-2730 Nov 06 j 08:02	4°♎27'46		
morning max el	-2730 Nov 16 j 11:35	10°♎30'51	23°08'10	
greatest brilliancy	-2730 Nov 21 j 12:28	16°♎10'35	-0.3m	
	-2730 Dec 01 j 20:55	0°♏		
desc. node	-2730 Dec 04 j 13:02	3°♏51'26		
morning set	-2730 Dec 21 j 01:45	29°♏39'26		
	-2730 Dec 21 j 06:41	0°♐		
max. Earth dist.	-2730 Dec 25 j 14:40	7°♐21'15	1.39679 AU	

superior conj	-2729 Jan 02 j 07:05	21°♐04'32	-1°-56'-10	
minimum elong	-2729 Jan 02 j 08:14	21°♐09'50	1°56'14	
	-2729 Jan 07 j 01:23	0°♑		
evening rise	-2729 Jan 11 j 19:39	9°♑07'05		
asc. node	-2729 Jan 19 j 22:15	24°♑03'36		
	-2729 Jan 23 j 17:15	0°♒		
evening max el	-2729 Jan 28 j 01:28	5°♒13'23	18°31'47	
retrograde	-2729 Feb 04 j 16:27	8°♒56'55		
evening set	-2729 Feb 07 j 03:26	8°♒35'00		
inferior conj	-2729 Feb 14 j 14:59	4°♒04'20	3°34'46	
minimum elong	-2729 Feb 14 j 18:22	3°♒57'39	3°34'12	
min. Earth dist.	-2729 Feb 18 j 00:40	1°♒24'17	0.58558 AU	
	-2729 Feb 20 j 00:28	30°℞♑		
morning rise	-2729 Feb 22 j 05:37	28°♑42'27		
direct	-2729 Feb 28 j 07:31	27°♑08'17		
desc. node	-2729 Mar 02 j 12:12	27°♑20'25		
	-2729 Mar 08 j 19:35	0°♒		
morning max el	-2729 Mar 14 j 14:20	4°♒42'17	26°36'15	
	-2729 Apr 02 j 02:21	0°♓		
morning set	-2729 Apr 12 j 23:42	20°♓51'29		
	-2729 Apr 17 j 06:19	0°♈		
asc. node	-2729 Apr 17 j 21:42	1°♈23'51		
superior conj	-2729 Apr 20 j 01:30	6°♈07'16	0°22'32	
minimum elong	-2729 Apr 20 j 00:31	6°♈01'51	0°22'20	
max. Earth dist.	-2729 Apr 20 j 04:23	6°♈23'02	1.32547 AU	
evening rise	-2729 Apr 27 j 02:15	21°♈16'13		
	-2729 May 01 j 09:50	0°♉		
	-2729 May 19 j 22:41	0°♊		
evening max el	-2729 May 26 j 19:25	7°♊39'42	26°36'37	
desc. node	-2729 May 29 j 11:14	10°♊00'50		
retrograde	-2729 Jun 09 j 20:18	14°♊57'27		
evening set	-2729 Jun 16 j 10:15	13°♊06'22		
min. Earth dist.	-2729 Jun 20 j 08:47	10°♊26'33	0.60084 AU	
inferior conj	-2729 Jun 23 j 17:09	7°♊43'39	-4°-27'-4	
minimum elong	-2729 Jun 23 j 17:49	7°♊42'15	4°27'00	
morning rise	-2729 Jul 01 j 04:43	3°♊03'34		
direct	-2729 Jul 03 j 16:09	2°♊40'39		
morning max el	-2729 Jul 11 j 01:53	6°♊16'04	18°14'01	
asc. node	-2729 Jul 14 j 21:02	10°♊41'51		
	-2729 Jul 26 j 05:05	0°♋		
morning set	-2729 Jul 27 j 00:48	1°♋32'51		
superior conj	-2729 Aug 05 j 15:19	19°♋26'05	1°43'23	
minimum elong	-2729 Aug 05 j 17:52	19°♋37'39	1°43'20	
	-2729 Aug 11 j 14:47	0°♌		
max. Earth dist.	-2729 Aug 13 j 04:32	2°♌41'37	1.40964 AU	
evening rise	-2729 Aug 18 j 06:23	11°♌09'01		
desc. node	-2729 Aug 25 j 10:34	22°♌32'17		
	-2729 Aug 30 j 08:35	0°♍		
greatest brilliancy	-2729 Sep 16 j 02:09	23°♍01'41	-0.3m	
evening max el	-2729 Sep 21 j 06:13	28°♍49'13	22°59'24	
	-2729 Sep 22 j 11:21	0°♎		
retrograde	-2729 Oct 01 j 07:58	4°♎47'19		
evening set	-2729 Oct 06 j 02:27	2°♎50'34		
	-2729 Oct 08 j 19:50	30°℞♍		
asc. node	-2729 Oct 10 j 20:07	27°♍21'25		
inferior conj	-2729 Oct 11 j 11:10	26°♍29'40	0°12'57	
minimum elong	-2729 Oct 11 j 10:52	26°♍30'43	0°12'48	
transit middle	-2729 Oct 11 j 10:52	26°♍30'43	0°12'48	
transit begin	-2729 Oct 11 j 09:11	26°♍36'30		
transit end	-2729 Oct 11 j 12:32	26°♍24'57		
min. Earth dist.	-2729 Oct 11 j 05:54	26°♍47'49	0.67498 AU	
morning rise	-2729 Oct 16 j 19:15	20°♍15'51		
direct	-2729 Oct 21 j 02:13	18°♍34'51		
morning max el	-2729 Oct 30 j 01:25	23°♍52'48	21°43'44	
greatest brilliancy	-2729 Nov 04 j 00:23	29°♍32'30	-0.4m	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2729 Nov 04 j 09:10	0°♎	
desc. node	-2729 Nov 21 j 10:04	24°♎04'02	
	-2729 Nov 25 j 07:25	0°♏	
morning set	-2729 Nov 30 j 21:36	8°♏45'05	
max. Earth dist.	-2729 Dec 07 j 15:01	19°♏40'04	1.41702 AU
	-2729 Dec 13 j 17:31	0°♐	
superior conj	-2729 Dec 15 j 04:53	2°♐33'34	-1°-54'-50
minimum elong	-2729 Dec 15 j 02:36	2°♐23'37	1°54'51
evening rise	-2729 Dec 26 j 00:20	22°♐02'13	
	-2729 Dec 30 j 08:58	0°♑	
asc. node	-2728 Jan 06 j 19:18	12°♑24'25	
evening max el	-2728 Jan 11 j 10:11	18°♑08'05	18°10'54
retrograde	-2728 Jan 18 j 07:11	21°♑37'08	
evening set	-2728 Jan 20 j 21:25	21°♑08'03	
inferior conj	-2728 Jan 27 j 18:32	16°♑15'10	3°57'40
minimum elong	-2728 Jan 27 j 19:17	16°♑13'28	3°57'34
min. Earth dist.	-2728 Jan 31 j 00:02	13°♑18'58	0.60596 AU
morning rise	-2728 Feb 03 j 14:22	10°♑33'57	
direct	-2728 Feb 10 j 09:31	8°♑22'47	
desc. node	-2728 Feb 17 j 09:17	10°♑27'25	
morning max el	-2728 Feb 24 j 13:30	16°♑05'19	27°28'11
	-2728 Mar 06 j 23:46	0°♒	
	-2728 Mar 24 j 12:54	0°♓	
morning set	-2728 Mar 27 j 07:35	5°♓37'47	
max. Earth dist.	-2728 Apr 02 j 17:24	19°♓18'19	1.32543 AU
superior conj	-2728 Apr 03 j 12:59	21°♓05'19	0°-2'-31
minimum elong	-2728 Apr 03 j 13:06	21°♓05'55	0°02'31
behind sun begin	-2728 Apr 03 j 08:07	20°♓38'40	
behind sun end	-2728 Apr 03 j 18:05	21°♓33'10	
asc. node	-2728 Apr 03 j 18:45	21°♓36'50	
	-2728 Apr 07 j 15:00	0°♈	
evening rise	-2728 Apr 10 j 12:39	6°♈12'14	
	-2728 Apr 23 j 03:40	0°♉	
evening max el	-2728 May 07 j 15:26	18°♉57'47	25°26'56
desc. node	-2728 May 15 j 08:17	24°♉35'03	
retrograde	-2728 May 21 j 16:49	26°♉08'54	
evening set	-2728 May 27 j 06:17	24°♉56'17	
min. Earth dist.	-2728 Jun 01 j 03:34	22°♉10'23	0.58068 AU
inferior conj	-2728 Jun 04 j 08:37	19°♉55'21	-4°-16'-4
minimum elong	-2728 Jun 04 j 05:30	20°♉00'52	4°15'42
morning rise	-2728 Jun 12 j 08:39	15°♉37'21	
direct	-2728 Jun 14 j 20:35	15°♉17'59	
morning max el	-2728 Jun 23 j 06:51	19°♉15'32	18°51'32
asc. node	-2728 Jun 30 j 18:07	28°♉58'10	
	-2728 Jul 01 j 09:13	0°♊	
morning set	-2728 Jul 09 j 19:01	15°♊31'48	
	-2728 Jul 17 j 04:54	0°♋	
superior conj	-2728 Jul 18 j 10:30	2°♋21'32	1°48'41
minimum elong	-2728 Jul 18 j 10:39	2°♋22'13	1°48'46
max. Earth dist.	-2728 Jul 25 j 07:22	15°♋02'15	1.38995 AU
evening rise	-2728 Jul 29 j 07:29	22°♋02'46	
	-2728 Aug 03 j 01:24	0°♌	
desc. node	-2728 Aug 11 j 07:34	12°♌59'26	
	-2728 Aug 23 j 07:19	0°♍	
evening max el	-2728 Sep 02 j 18:15	12°♍18'52	24°19'41
retrograde	-2728 Sep 13 j 22:23	18°♍52'04	
evening set	-2728 Sep 19 j 07:41	16°♍36'04	
min. Earth dist.	-2728 Sep 24 j 01:33	11°♍07'24	0.67315 AU
inferior conj	-2728 Sep 24 j 17:14	10°♍14'37	0°-41'-5
minimum elong	-2728 Sep 24 j 18:13	10°♍11'19	0°40'40
asc. node	-2728 Sep 26 j 17:12	7°♍37'39	
morning rise	-2728 Sep 30 j 05:01	4°♍06'29	
direct	-2728 Oct 03 j 23:03	2°♍45'57	
morning max el	-2728 Oct 11 j 22:12	7°♍24'07	20°28'14
greatest brilliancy	-2728 Oct 18 j 08:28	15°♍07'09	-0.5m
	-2728 Oct 28 j 17:47	0°♎	
desc. node	-2728 Nov 07 j 07:05	14°♎31'10	
morning set	-2728 Nov 08 j 21:23	16°♎59'14	
	-2728 Nov 17 j 03:57	0°♏	
max. Earth dist.	-2728 Nov 18 j 23:04	2°♏52'54	1.43376 AU
superior conj	-2728 Nov 25 j 00:59	12°♏48'44	-1°-38'-20
minimum elong	-2728 Nov 24 j 18:44	12°♏22'50	1°37'55
	-2728 Dec 05 j 03:31	0°♐	
evening rise	-2728 Dec 07 j 13:11	4°♐11'34	
asc. node	-2728 Dec 23 j 16:21	29°♐58'33	
	-2728 Dec 23 j 16:51	0°♑	
evening max el	-2728 Dec 24 j 22:08	1°♑18'54	18°09'35
retrograde	-2728 Dec 31 j 11:26	4°♑46'56	
evening set	-2727 Jan 03 j 04:58	4°♑09'48	
	-2727 Jan 08 j 13:37	30°℞♐	
inferior conj	-2727 Jan 09 j 14:40	28°♐55'37	3°55'13
minimum elong	-2727 Jan 09 j 13:14	28°♐59'22	3°55'02
min. Earth dist.	-2727 Jan 12 j 08:07	26°♐06'02	0.62553 AU
morning rise	-2727 Jan 15 j 19:31	23°♐00'55	
direct	-2727 Jan 22 j 20:29	20°♐22'49	
desc. node	-2727 Feb 03 j 06:22	25°♐49'56	
morning max el	-2727 Feb 05 j 18:43	28°♐09'34	27°44'10
	-2727 Feb 07 j 13:46	0°♑	
	-2727 Feb 28 j 17:11	0°♒	
morning set	-2727 Mar 11 j 10:17	20°♒05'32	
	-2727 Mar 16 j 04:41	0°♓	
max. Earth dist.	-2727 Mar 17 j 02:45	1°♓57'50	1.32897 AU
superior conj	-2727 Mar 18 j 22:40	5°♓54'20	0°-28'-8
minimum elong	-2727 Mar 18 j 23:57	6°♓01'18	0°27'55
asc. node	-2727 Mar 21 j 15:45	11°♓47'12	
evening rise	-2727 Mar 26 j 00:20	21°♓08'17	
	-2727 Mar 30 j 08:24	0°♈	
evening max el	-2727 Apr 19 j 07:01	29°♈44'14	23°57'51
	-2727 Apr 19 j 13:38	0°♉	
desc. node	-2727 May 02 j 05:21	6°♉37'17	
retrograde	-2727 May 03 j 01:46	6°♉38'57	
evening set	-2727 May 07 j 06:28	5°♉59'51	
min. Earth dist.	-2727 May 13 j 18:19	2°♉53'14	0.56361 AU
inferior conj	-2727 May 16 j 03:55	1°♉24'39	-3°-27'-18
minimum elong	-2727 May 15 j 21:46	1°♉34'09	3°25'53
	-2727 May 18 j 12:15	30°℞♈	
morning rise	-2727 May 24 j 16:56	27°♈23'53	
direct	-2727 May 27 j 05:47	27°♈07'12	
	-2727 Jun 04 j 02:09	0°♉	
morning max el	-2727 Jun 06 j 02:57	1°♉41'48	19°49'40
asc. node	-2727 Jun 17 j 15:10	17°♉52'44	
morning set	-2727 Jun 23 j 21:04	29°♉56'20	
	-2727 Jun 23 j 21:48	0°♊	
superior conj	-2727 Jul 01 j 20:32	16°♊03'19	1°44'52
minimum elong	-2727 Jul 01 j 18:59	15°♊55'37	1°44'51
max. Earth dist.	-2727 Jul 07 j 10:33	26°♊53'05	1.37089 AU
	-2727 Jul 09 j 02:34	0°♋	
evening rise	-2727 Jul 11 j 08:54	4°♋08'15	
	-2727 Jul 27 j 01:06	0°♌	
desc. node	-2727 Jul 29 j 04:34	3°♌10'44	
evening max el	-2727 Aug 16 j 05:02	25°♌50'51	25°34'13
	-2727 Aug 21 j 01:39	0°♍	
retrograde	-2727 Aug 28 j 08:34	2°♍50'58	
evening set	-2727 Sep 03 j 08:49	0°♍18'09	
	-2727 Sep 03 j 17:01	30°℞♌	
min. Earth dist.	-2727 Sep 07 j 18:01	25°♌26'00	0.66811 AU
inferior conj	-2727 Sep 08 j 20:48	23°♌59'41	-1°-34'-58
minimum elong	-2727 Sep 08 j 23:04	23°♌52'23	1°34'02

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2727 Sep 13 j 14:17	18°♌43'12	
morning rise	-2727 Sep 14 j 13:57	18°♌00'15	
direct	-2727 Sep 17 j 21:12	16°♌57'09	
morning max el	-2727 Sep 25 j 02:19	21°♌04'04	19°25'40
	-2727 Oct 02 j 05:31	0°♍	
greatest brilliancy	-2727 Oct 04 j 13:00	3°♍20'05	-0.7m
morning set	-2727 Oct 18 j 23:10	25°♍26'24	
	-2727 Oct 21 j 21:20	0°♎	
desc. node	-2727 Oct 25 j 04:05	5°♎07'40	
max. Earth dist.	-2727 Nov 01 j 13:05	16°♎43'40	1.44480 AU
superior conj	-2727 Nov 04 j 18:06	21°♎49'32	-1°-4'-30
minimum elong	-2727 Nov 04 j 10:59	21°♎21'11	1°03'44
	-2727 Nov 09 j 20:13	0°♏	
evening rise	-2727 Nov 19 j 05:30	15°♏25'21	
	-2727 Nov 28 j 00:34	0°♐	
evening max el	-2727 Dec 08 j 10:35	14°♐39'21	18°27'09
asc. node	-2727 Dec 10 j 13:23	16°♐32'31	
retrograde	-2727 Dec 15 j 00:42	18°♐17'11	
evening set	-2727 Dec 17 j 22:34	17°♐30'43	
inferior conj	-2727 Dec 23 j 23:27	11°♐57'31	3°35'03
minimum elong	-2727 Dec 23 j 20:47	12°♐05'14	3°34'30
min. Earth dist.	-2727 Dec 26 j 02:09	9°♐31'26	0.64239 AU
morning rise	-2727 Dec 29 j 17:36	5°♐53'24	
direct	-2726 Jan 05 j 15:07	3°♐03'06	
morning max el	-2726 Jan 19 j 03:32	10°♐47'52	27°24'28
desc. node	-2726 Jan 21 j 03:25	12°♐51'54	
	-2726 Feb 03 j 09:20	0°♑	
	-2726 Feb 21 j 02:22	0°♒	
morning set	-2726 Feb 23 j 05:05	4°♒05'44	
max. Earth dist.	-2726 Feb 28 j 04:21	14°♒08'30	1.33650 AU
superior conj	-2726 Mar 03 j 04:44	20°♒28'30	0°-53'-22
minimum elong	-2726 Mar 03 j 07:07	20°♒41'07	0°53'00
	-2726 Mar 07 j 15:51	0°♓	
asc. node	-2726 Mar 08 j 12:45	1°♓51'20	
evening rise	-2726 Mar 10 j 11:31	5°♓58'11	
	-2726 Mar 23 j 13:14	0°♈	
evening max el	-2726 Apr 01 j 00:15	10°♈26'08	22°23'32
retrograde	-2726 Apr 13 j 22:34	16°♈45'34	
evening set	-2726 Apr 16 j 21:52	16°♈26'09	
desc. node	-2726 Apr 19 j 02:25	15°♈48'42	
min. Earth dist.	-2726 Apr 25 j 08:15	12°♈46'45	0.55309 AU
inferior conj	-2726 Apr 26 j 06:01	12°♈15'50	-1°-57'-3
minimum elong	-2726 Apr 26 j 00:55	12°♈23'04	1°55'25
morning rise	-2726 May 05 j 05:59	8°♈19'40	
direct	-2726 May 07 j 22:43	8°♈03'02	
morning max el	-2726 May 19 j 12:21	13°♈27'57	21°07'21
	-2726 May 31 j 14:32	0°♉	
asc. node	-2726 Jun 04 j 12:12	7°♉16'17	
morning set	-2726 Jun 08 j 04:29	14°♉39'52	
superior conj	-2726 Jun 15 j 17:06	0°♊18'58	1°34'10
minimum elong	-2726 Jun 15 j 14:40	0°♊06'26	1°34'00
	-2726 Jun 15 j 13:26	0°♊	
max. Earth dist.	-2726 Jun 19 j 20:26	8°♊42'28	1.35450 AU
evening rise	-2726 Jun 24 j 05:51	17°♊13'34	
	-2726 Jul 01 j 07:38	0°♋	
desc. node	-2726 Jul 16 j 01:35	22°♋59'18	
	-2726 Jul 21 j 08:19	0°♌	
evening max el	-2726 Jul 29 j 16:19	9°♌22'44	26°34'53
retrograde	-2726 Aug 11 j 13:52	16°♌38'30	
evening set	-2726 Aug 18 j 03:45	13°♌54'36	
min. Earth dist.	-2726 Aug 22 j 05:02	9°♌40'35	0.65965 AU
inferior conj	-2726 Aug 23 j 20:01	7°♌42'46	-2°-26'-47
minimum elong	-2726 Aug 23 j 23:23	7°♌32'34	2°25'33
morning rise	-2726 Aug 29 j 20:04	1°♌55'05	
asc. node	-2726 Aug 31 j 11:23	1°♌15'37	
direct	-2726 Sep 01 j 18:55	1°♌05'51	
morning max el	-2726 Sep 08 j 12:26	4°♌50'14	18°38'27
	-2726 Sep 25 j 20:00	0°♍	
morning set	-2726 Sep 28 j 23:11	5°♍01'51	
desc. node	-2726 Oct 12 j 01:03	25°♍50'04	
superior conj	-2726 Oct 14 j 18:39	0°♎08'32	0°-17'-28
minimum elong	-2726 Oct 14 j 16:20	29°♍59'26	0°17'10
	-2726 Oct 14 j 16:29	0°♎	
max. Earth dist.	-2726 Oct 15 j 06:27	0°♎55'01	1.44894 AU
evening rise	-2726 Oct 30 j 21:39	25°♎37'04	
	-2726 Nov 02 j 15:40	0°♏	
evening max el	-2726 Nov 21 j 21:03	28°♏04'42	19°02'23
	-2726 Nov 23 j 23:23	0°♐	
asc. node	-2726 Nov 27 j 10:26	1°♐51'06	
retrograde	-2726 Nov 28 j 19:14	2°♐01'34	
evening set	-2726 Dec 01 j 23:09	1°♐03'45	
	-2726 Dec 03 j 09:57	30°℞♏	
inferior conj	-2726 Dec 07 j 17:26	25°♏14'13	3°02'35
minimum elong	-2726 Dec 07 j 14:22	25°♏23'45	3°01'43
min. Earth dist.	-2726 Dec 09 j 05:32	23°♏21'27	0.65575 AU
morning rise	-2726 Dec 13 j 04:38	19°♏03'37	
direct	-2726 Dec 19 j 16:08	16°♏15'32	
morning max el	-2725 Jan 01 j 13:04	23°♏47'23	26°34'26
	-2725 Jan 07 j 03:24	0°♐	
desc. node	-2725 Jan 08 j 00:27	1°♐04'10	
	-2725 Jan 27 j 17:40	0°♑	
morning set	-2725 Feb 06 j 12:17	17°♑26'06	
max. Earth dist.	-2725 Feb 10 j 18:51	25°♑43'02	1.34853 AU
	-2725 Feb 12 j 22:08	0°♒	
superior conj	-2725 Feb 15 j 04:57	4°♒40'05	-1°-16'-56
minimum elong	-2725 Feb 15 j 08:07	4°♒56'24	1°16'33
evening rise	-2725 Feb 22 j 20:21	20°♒35'05	
asc. node	-2725 Feb 23 j 09:46	21°♒44'06	
	-2725 Feb 27 j 13:09	0°♓	
evening max el	-2725 Mar 14 j 01:10	21°♓28'44	20°56'33
retrograde	-2725 Mar 25 j 11:47	26°♓57'27	
evening set	-2725 Mar 27 j 20:07	26°♓44'30	
desc. node	-2725 Apr 05 j 23:30	22°♓48'52	
inferior conj	-2725 Apr 06 j 00:54	22°♓46'53	0°00'-58
minimum elong	-2725 Apr 06 j 00:51	22°♓46'57	0°00'59
transit middle	-2725 Apr 06 j 00:51	22°♓46'57	0°00'59
transit begin	-2725 Apr 05 j 20:46	22°♓52'45	
transit end	-2725 Apr 06 j 04:56	22°♓41'08	
min. Earth dist.	-2725 Apr 06 j 22:13	22°♓16'32	0.55161 AU
morning rise	-2725 Apr 15 j 04:30	18°♓37'43	
direct	-2725 Apr 18 j 10:26	18°♓14'46	
morning max el	-2725 May 01 j 11:12	24°♓32'24	22°40'33
	-2725 May 06 j 10:24	0°♈	
asc. node	-2725 May 22 j 09:14	27°♈00'19	
morning set	-2725 May 23 j 15:08	29°♈35'02	
	-2725 May 23 j 19:55	0°♉	
superior conj	-2725 May 30 j 20:48	14°♉56'59	1°18'21
minimum elong	-2725 May 30 j 18:11	14°♉43'06	1°18'02
max. Earth dist.	-2725 Jun 02 j 16:15	20°♉51'17	1.34168 AU
	-2725 Jun 07 j 04:23	0°♊	
evening rise	-2725 Jun 07 j 17:07	1°♊02'45	
	-2725 Jun 24 j 07:06	0°♋	
desc. node	-2725 Jul 02 j 22:37	12°♋14'41	
evening max el	-2725 Jul 12 j 03:56	22°♋45'21	27°14'00
	-2725 Jul 24 j 01:54	0°♌	
retrograde	-2725 Jul 25 j 13:41	0°♌06'51	
	-2725 Jul 27 j 00:39	30°℞♋	
evening set	-2725 Aug 01 j 13:48	27°♋21'02	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

min. Earth dist.	-2725 Aug 05 j 08:14	23°♋44'30	0.64747 AU
inferior conj	-2725 Aug 07 j 12:36	21°♋19'18	-3°-14'-12
minimum elong	-2725 Aug 07 j 16:38	21°♋08'06	3°13'00
morning rise	-2725 Aug 13 j 21:00	15°♋46'47	
direct	-2725 Aug 16 j 13:57	15°♋08'01	
asc. node	-2725 Aug 18 j 08:28	15°♋24'38	
morning max el	-2725 Aug 23 j 02:23	18°♋38'12	18°08'07
	-2725 Aug 31 j 11:27	0°♌	
morning set	-2725 Sep 10 j 03:14	15°♌59'10	
	-2725 Sep 18 j 14:05	0°♍	
superior conj	-2725 Sep 24 j 00:25	8°♍47'25	0°31'13
minimum elong	-2725 Sep 24 j 04:03	9°♍02'00	0°30'46
max. Earth dist.	-2725 Sep 28 j 00:39	15°♍10'47	1.44577 AU
desc. node	-2725 Sep 28 j 22:02	16°♍35'25	
	-2725 Oct 07 j 11:31	0°♎	
evening rise	-2725 Oct 10 j 14:51	4°♎52'12	
	-2725 Oct 27 j 04:06	0°♏	
greatest brilliancy	-2725 Oct 28 j 15:39	2°♏06'49	-0.6m
evening max el	-2725 Nov 05 j 03:25	11°♏31'58	19°53'35
retrograde	-2725 Nov 12 j 16:14	15°♏55'57	
asc. node	-2725 Nov 14 j 07:31	15°♏40'29	
evening set	-2725 Nov 16 j 04:15	14°♏44'26	
inferior conj	-2725 Nov 21 j 17:46	8°♏41'33	2°21'34
minimum elong	-2725 Nov 21 j 14:59	8°♏50'43	2°20'35
min. Earth dist.	-2725 Nov 22 j 16:38	7°♏25'57	0.66543 AU
morning rise	-2725 Nov 27 j 01:06	2°♏26'49	
	-2725 Dec 01 j 13:25	30°℞♎	
direct	-2725 Dec 02 j 22:45	29°♎51'57	
	-2725 Dec 04 j 09:10	0°♏	
morning max el	-2725 Dec 14 j 21:54	6°♏57'42	25°22'31
desc. node	-2725 Dec 25 j 21:29	20°♏06'05	
	-2724 Jan 01 j 21:33	0°♐	
morning set	-2724 Jan 20 j 03:07	29°♐52'33	
	-2724 Jan 20 j 04:46	0°♑	
max. Earth dist.	-2724 Jan 23 j 22:05	6°♑51'43	1.36499 AU
superior conj	-2724 Jan 29 j 20:31	18°♑20'54	-1°-37'-9
minimum elong	-2724 Jan 29 j 23:51	18°♑37'24	1°36'53
	-2724 Feb 04 j 15:06	0°♒	
evening rise	-2724 Feb 07 j 00:51	4°♒52'52	
asc. node	-2724 Feb 10 j 06:48	11°♒20'27	
	-2724 Feb 21 j 16:11	0°♓	
evening max el	-2724 Feb 24 j 12:38	3°♓06'00	19°45'02
retrograde	-2724 Mar 05 j 06:14	7°♓44'05	
evening set	-2724 Mar 07 j 12:24	7°♓30'16	
inferior conj	-2724 Mar 16 j 02:55	3°♓27'31	1°48'37
minimum elong	-2724 Mar 16 j 07:06	3°♓20'59	1°47'18
min. Earth dist.	-2724 Mar 18 j 12:26	1°♓57'54	0.55945 AU
	-2724 Mar 22 j 01:24	30°℞♒	
desc. node	-2724 Mar 22 j 20:34	29°♒37'56	
morning rise	-2724 Mar 24 j 22:32	28°♒50'55	
direct	-2724 Mar 29 j 04:49	28°♒10'29	
	-2724 Apr 05 j 04:13	0°♓	
morning max el	-2724 Apr 12 j 03:12	5°♓09'36	24°20'18
	-2724 Apr 29 j 17:59	0°♈	
morning set	-2724 May 07 j 03:12	14°♈36'00	
asc. node	-2724 May 08 j 06:16	16°♈58'54	
superior conj	-2724 May 14 j 05:08	29°♈49'22	0°58'44
minimum elong	-2724 May 14 j 02:52	29°♈37'05	0°58'22
	-2724 May 14 j 07:06	0°♉	
max. Earth dist.	-2724 May 15 j 21:11	3°♉25'04	1.33259 AU
evening rise	-2724 May 21 j 14:34	15°♉23'02	
	-2724 May 29 j 05:42	0°♊	
	-2724 Jun 18 j 05:03	0°♋	
desc. node	-2724 Jun 18 j 19:39	0°♋42'42	
evening max el	-2724 Jun 23 j 13:55	5°♋45'31	27°24'56
retrograde	-2724 Jul 07 j 07:22	13°♋07'15	
evening set	-2724 Jul 14 j 11:35	10°♋31'43	
min. Earth dist.	-2724 Jul 18 j 01:49	7°♋27'29	0.63158 AU
inferior conj	-2724 Jul 20 j 19:51	4°♋43'06	-3°-53'-51
minimum elong	-2724 Jul 20 j 23:41	4°♋33'29	3°53'03
	-2724 Jul 26 j 11:58	30°℞♊	
morning rise	-2724 Jul 27 j 13:55	29°♊29'09	
direct	-2724 Jul 30 j 03:14	28°♊58'05	
	-2724 Aug 02 j 17:06	0°♋	
asc. node	-2724 Aug 04 j 05:33	1°♋02'11	
morning max el	-2724 Aug 05 j 17:33	2°♋22'28	17°55'35
morning set	-2724 Aug 22 j 07:30	28°♋05'47	
	-2724 Aug 23 j 09:29	0°♌	
superior conj	-2724 Sep 03 j 05:24	18°♌36'16	1°10'12
minimum elong	-2724 Sep 03 j 10:57	18°♌59'27	1°09'39
max. Earth dist.	-2724 Sep 09 j 16:21	29°♌11'41	1.43574 AU
	-2724 Sep 10 j 04:21	0°♍	
desc. node	-2724 Sep 14 j 19:03	7°♍20'20	
evening rise	-2724 Sep 18 j 20:01	13°♍38'54	
	-2724 Sep 29 j 14:24	0°♎	
greatest brilliancy	-2724 Oct 12 j 14:39	18°♎25'43	-0.5m
evening max el	-2724 Oct 18 j 04:04	24°♎58'31	20°58'25
retrograde	-2724 Oct 26 j 13:25	29°♎56'43	
evening set	-2724 Oct 30 j 11:41	28°♎29'02	
asc. node	-2724 Oct 31 j 04:37	27°♎54'32	
inferior conj	-2724 Nov 04 j 22:07	22°♎16'08	1°34'32
minimum elong	-2724 Nov 04 j 20:05	22°♎23'06	1°33'42
min. Earth dist.	-2724 Nov 05 j 09:16	21°♎38'00	0.67163 AU
morning rise	-2724 Nov 10 j 04:06	15°♎59'35	
direct	-2724 Nov 15 j 10:19	13°♎44'19	
morning max el	-2724 Nov 26 j 06:37	20°♎12'20	23°58'20
	-2724 Dec 04 j 15:35	0°♏	
desc. node	-2724 Dec 11 j 18:30	9°♏42'44	
	-2724 Dec 25 j 02:47	0°♐	
morning set	-2724 Dec 31 j 19:27	11°♐08'03	
max. Earth dist.	-2723 Jan 04 j 18:22	18°♐02'35	1.38478 AU
	-2723 Jan 11 j 06:49	0°♑	
superior conj	-2723 Jan 11 j 23:43	1°♑19'55	-1°-51'-39
minimum elong	-2723 Jan 12 j 02:06	1°♑31'15	1°51'36
evening rise	-2723 Jan 20 j 22:30	18°♑44'03	
	-2723 Jan 26 j 20:23	0°♒	
asc. node	-2723 Jan 27 j 03:50	0°♒33'40	
evening max el	-2723 Feb 06 j 10:10	15°♒18'15	18°52'42
retrograde	-2723 Feb 14 j 16:47	19°♒17'35	
evening set	-2723 Feb 17 j 01:38	18°♒59'18	
inferior conj	-2723 Feb 24 j 22:40	14°♒40'09	3°06'46
minimum elong	-2723 Feb 25 j 03:10	14°♒31'58	3°05'44
min. Earth dist.	-2723 Feb 28 j 04:21	12°♒20'33	0.57464 AU
morning rise	-2723 Mar 05 j 00:49	9°♒32'48	
desc. node	-2723 Mar 09 j 17:38	8°♒22'28	
direct	-2723 Mar 10 j 11:49	8°♒21'05	
morning max el	-2723 Mar 24 j 18:32	15°♒46'18	25°52'41
	-2723 Apr 05 j 06:22	0°♓	
morning set	-2723 Apr 21 j 15:04	29°♓36'55	
	-2723 Apr 21 j 19:27	0°♈	
asc. node	-2723 Apr 25 j 03:18	7°♈06'57	
superior conj	-2723 Apr 28 j 16:05	14°♈49'23	0°36'21
minimum elong	-2723 Apr 28 j 14:33	14°♈40'58	0°36'03
max. Earth dist.	-2723 Apr 29 j 08:07	16°♈16'56	1.32703 AU
evening rise	-2723 May 05 j 18:57	0°♉04'10	
	-2723 May 05 j 18:08	0°♉	
	-2723 May 22 j 08:53	0°♊	
desc. node	-2723 Jun 05 j 16:42	18°♊03'36	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening max el	-2723 Jun 05 j 19:39	18°♊10'40	27°03'36	
retrograde	-2723 Jun 19 j 18:22	25°♊30'55		
evening set	-2723 Jun 26 j 17:07	23°♊19'42		
min. Earth dist.	-2723 Jun 30 j 09:17	20°♊36'00	0.61256 AU	
inferior conj	-2723 Jul 03 j 14:29	17°♊46'39	-4°-20'-34	
minimum elong	-2723 Jul 03 j 16:48	17°♊41'32	4°20'18	
morning rise	-2723 Jul 10 j 19:25	12°♊54'07		
direct	-2723 Jul 13 j 07:05	12°♊28'42		
morning max el	-2723 Jul 20 j 07:08	15°♊56'47	18°01'44	
asc. node	-2723 Jul 22 j 02:38	17°♊53'38		
	-2723 Jul 30 j 03:03	0°♋		
morning set	-2723 Aug 05 j 06:17	11°♋06'06		
superior conj	-2723 Aug 15 j 14:04	29°♋47'57	1°35'09	
minimum elong	-2723 Aug 15 j 18:04	0°♌05'35	1°34'55	
	-2723 Aug 15 j 16:48	0°♌		
max. Earth dist.	-2723 Aug 23 j 02:33	12°♌38'55	1.42019 AU	
evening rise	-2723 Aug 29 j 08:12	22°♌47'15		
desc. node	-2723 Sep 01 j 16:04	28°♌01'51		
	-2723 Sep 02 j 22:30	0°♍		
	-2723 Sep 23 j 18:20	0°♎		
greatest brilliancy	-2723 Sep 26 j 04:48	3°♎03'54	-0.3m	
evening max el	-2723 Sep 30 j 22:38	8°♎25'01	22°13'26	
retrograde	-2723 Oct 10 j 09:07	14°♎01'43		
evening set	-2723 Oct 14 j 19:40	12°♎15'54		
asc. node	-2723 Oct 18 j 01:42	8°♎48'04		
inferior conj	-2723 Oct 20 j 04:34	5°♎56'37	0°43'29	
minimum elong	-2723 Oct 20 j 03:34	6°♎00'04	0°43'03	
min. Earth dist.	-2723 Oct 20 j 05:07	5°♎54'42	0.67464 AU	
morning rise	-2723 Oct 25 j 11:19	29°♍40'51		
	-2723 Oct 25 j 02:25	30°℞♍		
direct	-2723 Oct 30 j 02:20	27°♍47'31		
	-2723 Nov 04 j 17:20	0°♎		
morning max el	-2723 Nov 08 j 17:44	3°♎31'27	22°31'30	
greatest brilliancy	-2723 Nov 13 j 10:08	8°♎47'23	-0.3m	
desc. node	-2723 Nov 28 j 15:33	29°♎44'34		
	-2723 Nov 28 j 19:43	0°♏		
morning set	-2723 Dec 12 j 07:49	21°♏00'43		
max. Earth dist.	-2723 Dec 17 j 15:06	29°♏49'32	1.40564 AU	
	-2723 Dec 17 j 17:34	0°♐		
superior conj	-2723 Dec 25 j 09:48	13°♐25'27	-1°-57'-12	
minimum elong	-2723 Dec 25 j 09:41	13°♐24'55	1°57'18	
	-2722 Jan 03 j 08:33	0°♑		
evening rise	-2722 Jan 04 j 10:24	2°♑01'53		
asc. node	-2722 Jan 14 j 00:52	19°♑16'21		
evening max el	-2722 Jan 20 j 15:36	27°♑59'47	18°20'27	
	-2722 Jan 23 j 02:14	0°♒		
retrograde	-2722 Jan 27 j 21:49	1°♒35'44		
evening set	-2722 Jan 30 j 10:03	1°♒11'01		
	-2722 Feb 01 j 23:22	30°℞♑		
inferior conj	-2722 Feb 06 j 15:06	26°♑31'02	3°48'09	
minimum elong	-2722 Feb 06 j 17:22	26°♑26'14	3°47'51	
min. Earth dist.	-2722 Feb 10 j 00:25	23°♑40'50	0.59411 AU	
morning rise	-2722 Feb 13 j 21:19	20°♑59'39		
direct	-2722 Feb 20 j 07:45	19°♑08'59		
desc. node	-2722 Feb 24 j 14:43	19°♑55'52		
morning max el	-2722 Mar 06 j 14:14	26°♑48'15	27°02'35	
	-2722 Mar 09 j 15:28	0°♒		
	-2722 Mar 29 j 16:09	0°♓		
morning set	-2722 Apr 06 j 00:55	14°♓30'41		
asc. node	-2722 Apr 12 j 00:18	27°♓19'26		
superior conj	-2722 Apr 13 j 03:50	29°♓50'06	0°12'03	
minimum elong	-2722 Apr 13 j 03:18	29°♓47'09	0°11'56	
behind sun begin	-2722 Apr 13 j 00:00	29°♓29'06		
behind sun end	-2722 Apr 13 j 06:35	0°♈05'13		
max. Earth dist.	-2722 Apr 12 j 21:18	29°♓14'20	1.32493 AU	
	-2722 Apr 13 j 05:38	0°♈		
evening rise	-2722 Apr 20 j 03:43	14°♈56'58		
	-2722 Apr 27 j 18:30	0°♉		
	-2722 May 18 j 22:11	0°♊		
evening max el	-2722 May 18 j 19:14	29°♉53'00	26°10'10	
desc. node	-2722 May 23 j 13:45	3°♊48'58		
retrograde	-2722 Jun 01 j 21:13	7°♊09'36		
evening set	-2722 Jun 08 j 02:06	5°♊34'27		
min. Earth dist.	-2722 Jun 12 j 08:05	2°♊54'09	0.59205 AU	
inferior conj	-2722 Jun 15 j 16:51	0°♊20'07	-4°-26'-24	
minimum elong	-2722 Jun 15 j 16:01	0°♊21'43	4°26'19	
	-2722 Jun 16 j 03:22	30°℞♉		
morning rise	-2722 Jun 23 j 09:39	25°♉49'55		
direct	-2722 Jun 25 j 21:03	25°♉28'46		
morning max el	-2722 Jul 03 j 16:09	29°♉12'02	18°27'27	
	-2722 Jul 04 j 11:29	0°♊		
asc. node	-2722 Jul 08 j 23:41	5°♊42'58		
morning set	-2722 Jul 19 j 18:31	24°♊46'24		
	-2722 Jul 22 j 11:49	0°♋		
superior conj	-2722 Jul 28 j 22:17	12°♋10'03	1°46'55	
minimum elong	-2722 Jul 28 j 23:45	12°♋16'51	1°46'56	
max. Earth dist.	-2722 Aug 05 j 06:49	25°♋21'22	1.40132 AU	
	-2722 Aug 07 j 23:54	0°♌		
evening rise	-2722 Aug 09 j 18:20	2°♌58'05		
desc. node	-2722 Aug 19 j 13:05	18°♌35'27		
	-2722 Aug 27 j 05:37	0°♍		
evening max el	-2722 Sep 13 j 12:23	21°♍52'54	23°33'46	
retrograde	-2722 Sep 24 j 01:50	28°♍07'19		
evening set	-2722 Sep 29 j 02:23	26°♍02'25		
inferior conj	-2722 Oct 04 j 11:16	19°♍40'37	0°-9'-54	
minimum elong	-2722 Oct 04 j 11:30	19°♍39'49	0°09'48	
transit middle	-2722 Oct 04 j 11:30	19°♍39'49	0°09'48	
transit begin	-2722 Oct 04 j 09:19	19°♍47'14		
transit end	-2722 Oct 04 j 13:40	19°♍32'24		
min. Earth dist.	-2722 Oct 04 j 01:37	20°♍13'35	0.67456 AU	
asc. node	-2722 Oct 04 j 22:46	19°♍01'18		
morning rise	-2722 Oct 09 j 20:41	13°♍28'35		
direct	-2722 Oct 13 j 21:50	11°♍56'37		
morning max el	-2722 Oct 22 j 10:18	16°♍57'16	21°10'07	
greatest brilliancy	-2722 Oct 27 j 21:34	23°♍19'07	-0.5m	
	-2722 Nov 01 j 21:01	0°♎		
desc. node	-2722 Nov 15 j 12:36	20°♎04'12		
morning set	-2722 Nov 21 j 17:06	29°♎38'20		
	-2722 Nov 21 j 22:38	0°♏		
max. Earth dist.	-2722 Nov 29 j 18:06	12°♏30'18	1.42468 AU	
superior conj	-2722 Dec 06 j 21:14	24°♏24'35	-1°-49'-54	
minimum elong	-2722 Dec 06 j 17:10	24°♏07'17	1°49'46	
	-2722 Dec 10 j 03:04	0°♐		
evening rise	-2722 Dec 18 j 08:53	14°♐38'44		
	-2722 Dec 27 j 02:06	0°♑		
asc. node	-2722 Dec 31 j 21:54	7°♑19'16		
evening max el	-2721 Jan 04 j 02:06	11°♑02'59	18°08'04	
retrograde	-2721 Jan 10 j 18:41	14°♑29'58		
evening set	-2721 Jan 13 j 10:15	13°♑57'38		
inferior conj	-2721 Jan 20 j 02:12	8°♑55'53	3°59'12	
minimum elong	-2721 Jan 20 j 01:54	8°♑56'35	3°59'08	
min. Earth dist.	-2721 Jan 23 j 03:22	5°♑59'37	0.61450 AU	
morning rise	-2721 Jan 26 j 15:06	3°♑08'21		
direct	-2721 Feb 02 j 14:12	0°♑43'39		
desc. node	-2721 Feb 11 j 11:47	4°♑05'18		
morning max el	-2721 Feb 16 j 16:03	8°♑29'11	27°39'29	
	-2721 Mar 05 j 05:00	0°♒		
morning set	-2721 Mar 21 j 06:52	29°♒10'27		
	-2721 Mar 21 j 16:30	0°♓		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2721 Mar 27 j 09:03	12°♓04'07	1.32640 AU
superior conj	-2721 Mar 28 j 14:47	14°♓45'42	0°-13'-21
minimum elong	-2721 Mar 28 j 15:23	14°♓49'01	0°13'15
behind sun begin	-2721 Mar 28 j 12:35	14°♓33'48	
behind sun end	-2721 Mar 28 j 18:11	15°♓04'15	
asc. node	-2721 Mar 29 j 21:19	17°♓32'16	
evening rise	-2721 Apr 04 j 14:53	29°♓54'13	
	-2721 Apr 04 j 15:59	0°♈	
	-2721 Apr 21 j 09:52	0°♉	
evening max el	-2721 Apr 30 j 13:00	10°♉56'11	24°50'47
desc. node	-2721 May 10 j 10:46	17°♉23'11	
retrograde	-2721 May 14 j 13:13	18°♉02'06	
evening set	-2721 May 19 j 12:56	17°♉05'20	
min. Earth dist.	-2721 May 25 j 01:04	14°♉11'54	0.57282 AU
inferior conj	-2721 May 27 j 23:49	12°♉14'50	-4°00'-35
minimum elong	-2721 May 27 j 19:07	12°♉22'40	3°59'49
morning rise	-2721 Jun 05 j 05:21	8°♉04'48	
direct	-2721 Jun 07 j 17:25	7°♉46'48	
morning max el	-2721 Jun 16 j 17:38	11°♉58'45	19°13'39
asc. node	-2721 Jun 25 j 20:45	24°♉17'07	
	-2721 Jun 29 j 01:21	0°♊	
morning set	-2721 Jul 03 j 16:25	8°♊57'21	
superior conj	-2721 Jul 12 j 00:22	25°♊26'54	1°48'02
minimum elong	-2721 Jul 11 j 23:42	25°♊23'38	1°48'05
	-2721 Jul 14 j 09:13	0°♋	
max. Earth dist.	-2721 Jul 18 j 08:54	7°♋26'01	1.38170 AU
evening rise	-2721 Jul 22 j 06:19	14°♋24'03	
	-2721 Jul 31 j 14:42	0°♌	
desc. node	-2721 Aug 06 j 10:04	8°♌56'35	
	-2721 Aug 22 j 00:23	0°♍	
evening max el	-2721 Aug 26 j 23:45	5°♍24'18	24°52'37
retrograde	-2721 Sep 07 j 14:29	12°♍09'55	
evening set	-2721 Sep 13 j 06:06	9°♍46'38	
min. Earth dist.	-2721 Sep 17 j 20:18	4°♍32'57	0.67143 AU
inferior conj	-2721 Sep 18 j 16:29	3°♍26'04	-1°-4'-5
minimum elong	-2721 Sep 18 j 18:02	3°♍20'59	1°03'25
	-2721 Sep 21 j 09:57	30°℞♌	
asc. node	-2721 Sep 21 j 19:52	29°♌32'19	
morning rise	-2721 Sep 24 j 06:20	27°♌21'00	
direct	-2721 Sep 27 j 19:34	26°♌08'08	
	-2721 Oct 04 j 21:21	0°♍	
morning max el	-2721 Oct 05 j 10:08	0°♍31'51	19°59'43
greatest brilliancy	-2721 Oct 12 j 20:10	9°♍42'14	-0.6m
	-2721 Oct 26 j 12:46	0°♎	
morning set	-2721 Oct 31 j 14:33	7°♎48'48	
desc. node	-2721 Nov 02 j 09:36	10°♎35'45	
max. Earth dist.	-2721 Nov 12 j 04:49	26°♎00'57	1.43927 AU
	-2721 Nov 14 j 16:28	0°♏	
superior conj	-2721 Nov 17 j 05:31	4°♏07'04	-1°-26'-4
minimum elong	-2721 Nov 16 j 22:15	3°♏37'32	1°25'25
evening rise	-2721 Nov 30 j 13:29	26°♏25'12	
	-2721 Dec 02 j 15:37	0°♐	
evening max el	-2721 Dec 18 j 14:39	24°♐19'04	18°14'53
asc. node	-2721 Dec 18 j 18:57	24°♐29'51	
retrograde	-2721 Dec 25 j 03:10	27°♐49'39	
evening set	-2721 Dec 27 j 22:30	27°♐08'36	
inferior conj	-2720 Jan 03 j 04:08	21°♐46'05	3°48'26
minimum elong	-2720 Jan 03 j 02:03	21°♐51'45	3°48'06
min. Earth dist.	-2720 Jan 05 j 15:26	19°♐05'01	0.63315 AU
morning rise	-2720 Jan 09 j 03:58	15°♐47'20	
direct	-2720 Jan 16 j 04:38	13°♐02'07	
desc. node	-2720 Jan 29 j 08:52	20°♐14'07	
morning max el	-2720 Jan 29 j 22:52	20°♐48'17	27°39'54
	-2720 Feb 06 j 22:58	0°♑	
	-2720 Feb 26 j 05:13	0°♒	
morning set	-2720 Mar 04 j 06:30	13°♒27'16	
max. Earth dist.	-2720 Mar 09 j 15:30	24°♒32'19	1.33168 AU
superior conj	-2720 Mar 11 j 23:08	29°♒29'06	0°-38'-57
minimum elong	-2720 Mar 12 j 00:54	29°♒38'37	0°38'39
	-2720 Mar 12 j 04:53	0°♓	
asc. node	-2720 Mar 15 j 18:20	7°♓40'35	
evening rise	-2720 Mar 19 j 02:33	14°♓48'25	
	-2720 Mar 26 j 19:06	0°♈	
evening max el	-2720 Apr 11 j 04:34	21°♈37'09	23°17'33
retrograde	-2720 Apr 24 j 16:16	28°♈18'27	
desc. node	-2720 Apr 26 j 07:49	28°♈12'24	
evening set	-2720 Apr 28 j 07:21	27°♈49'38	
min. Earth dist.	-2720 May 05 j 15:04	24°♈30'51	0.55820 AU
inferior conj	-2720 May 07 j 10:58	23°♈26'15	-2°-53'-43
minimum elong	-2720 May 07 j 04:38	23°♈35'36	2°51'59
morning rise	-2720 May 16 j 05:06	19°♈29'14	
direct	-2720 May 18 j 19:13	19°♈12'51	
morning max el	-2720 May 29 j 09:07	24°♈07'36	20°20'28
	-2720 Jun 03 j 12:32	0°♉	
asc. node	-2720 Jun 11 j 17:47	13°♉24'57	
morning set	-2720 Jun 16 j 21:03	23°♉30'54	
	-2720 Jun 20 j 00:59	0°♊	
superior conj	-2720 Jun 24 j 15:20	9°♊24'15	1°41'02
minimum elong	-2720 Jun 24 j 13:19	9°♊14'04	1°40'59
max. Earth dist.	-2720 Jun 29 j 14:40	19°♊14'29	1.36356 AU
evening rise	-2720 Jul 03 j 16:41	26°♊56'46	
	-2720 Jul 05 j 08:53	0°♋	
desc. node	-2720 Jul 23 j 07:02	28°♋59'21	
	-2720 Jul 24 j 00:01	0°♌	
evening max el	-2720 Aug 08 j 10:51	18°♌57'59	26°02'11
retrograde	-2720 Aug 20 j 22:28	26°♌05'13	
evening set	-2720 Aug 27 j 04:53	23°♌26'56	
min. Earth dist.	-2720 Aug 31 j 10:42	18°♌50'58	0.66500 AU
inferior conj	-2720 Sep 01 j 18:29	17°♌11'08	-1°-57'-18
minimum elong	-2720 Sep 01 j 21:15	17°♌02'26	1°56'12
morning rise	-2720 Sep 07 j 14:23	11°♌16'20	
asc. node	-2720 Sep 07 j 16:58	11°♌12'31	
direct	-2720 Sep 10 j 17:52	10°♌19'25	
morning max el	-2720 Sep 17 j 17:03	14°♌15'14	19°03'36
	-2720 Sep 29 j 07:54	0°♍	
morning set	-2720 Oct 10 j 00:18	16°♍41'55	
	-2720 Oct 18 j 11:22	0°♎	
desc. node	-2720 Oct 19 j 06:35	1°♎15'28	
max. Earth dist.	-2720 Oct 24 j 21:20	10°♎05'39	1.44750 AU
superior conj	-2720 Oct 26 j 13:30	12°♎44'10	0°-45'-36
minimum elong	-2720 Oct 26 j 07:50	12°♎21'46	0°44'55
	-2720 Nov 06 j 09:00	0°♏	
evening rise	-2720 Nov 10 j 19:53	7°♏13'43	
	-2720 Nov 25 j 02:06	0°♐	
evening max el	-2720 Dec 01 j 02:35	7°♐42'23	18°40'01
asc. node	-2720 Dec 04 j 16:01	10°♐34'03	
retrograde	-2720 Dec 07 j 19:09	11°♐27'07	
evening set	-2720 Dec 10 j 19:27	10°♐35'55	
inferior conj	-2720 Dec 16 j 17:15	4°♐55'08	3°22'32
minimum elong	-2720 Dec 16 j 14:19	5°♐03'55	3°21'49
min. Earth dist.	-2720 Dec 18 j 13:29	2°♐42'49	0.64856 AU
	-2720 Dec 21 j 00:54	30°℞♏	
morning rise	-2720 Dec 22 j 08:03	28°♏48'04	
direct	-2720 Dec 29 j 01:51	25°♏57'30	
	-2719 Jan 07 j 07:23	0°♐	
morning max el	-2719 Jan 11 j 08:22	3°♐37'29	27°06'27
desc. node	-2719 Jan 15 j 05:57	7°♐49'08	
	-2719 Jan 31 j 08:20	0°♑	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning set	-2719 Feb 15 j 20:51	27°♓11'42	
	-2719 Feb 17 j 07:20	0°♒	
max. Earth dist.	-2719 Feb 20 j 12:56	6°♒28'51	1.34115 AU
superior conj	-2719 Feb 24 j 02:58	13°♒54'12	-1°-3'-40
minimum elong	-2719 Feb 24 j 05:44	14°♒08'43	1°03'16
asc. node	-2719 Mar 02 j 15:20	27°♒40'21	
evening rise	-2719 Mar 03 j 12:58	29°♒33'31	
	-2719 Mar 03 j 18:04	0°♓	
	-2719 Mar 21 j 16:51	0°♈	
evening max el	-2719 Mar 24 j 00:17	2°♈24'07	21°44'51
retrograde	-2719 Apr 05 j 08:36	8°♈23'17	
evening set	-2719 Apr 07 j 23:49	8°♈07'42	
desc. node	-2719 Apr 13 j 04:55	6°♈17'32	
inferior conj	-2719 Apr 17 j 08:12	4°♈04'37	-1°-9'-8
minimum elong	-2719 Apr 17 j 05:00	4°♈09'07	1°08'03
min. Earth dist.	-2719 Apr 17 j 04:31	4°♈09'48	0.55132 AU
morning rise	-2719 Apr 26 j 11:03	0°♈05'38	
	-2719 Apr 26 j 22:51	30°℞♓	
direct	-2719 Apr 29 j 08:02	29°♓47'23	
	-2719 May 01 j 16:10	0°♈	
morning max el	-2719 May 11 j 13:44	5°♈34'34	21°45'41
	-2719 May 28 j 02:44	0°♉	
asc. node	-2719 May 29 j 14:48	2°♉57'45	
morning set	-2719 Jun 01 j 06:03	8°♉19'58	
superior conj	-2719 Jun 08 j 15:15	23°♉50'15	1°27'59
minimum elong	-2719 Jun 08 j 12:40	23°♉36'46	1°27'45
	-2719 Jun 11 j 14:50	0°♊	
max. Earth dist.	-2719 Jun 12 j 04:44	1°♊10'43	1.34852 AU
evening rise	-2719 Jun 16 j 20:14	10°♊21'46	
	-2719 Jun 27 j 19:56	0°♋	
desc. node	-2719 Jul 10 j 04:03	18°♋35'16	
	-2719 Jul 19 j 12:33	0°♌	
evening max el	-2719 Jul 21 j 22:15	2°♌26'45	26°54'34
retrograde	-2719 Aug 04 j 01:25	9°♌45'57	
evening set	-2719 Aug 10 j 20:23	6°♌59'36	
min. Earth dist.	-2719 Aug 14 j 18:29	3°♌02'12	0.65493 AU
inferior conj	-2719 Aug 16 j 15:09	0°♌51'51	-2°-47'-36
minimum elong	-2719 Aug 16 j 18:53	0°♌40'57	2°46'20
	-2719 Aug 17 j 09:01	30°℞♋	
morning rise	-2719 Aug 22 j 18:37	25°♋10'31	
direct	-2719 Aug 25 j 14:41	24°♋26'09	
asc. node	-2719 Aug 25 j 14:03	24°♋26'09	
morning max el	-2719 Sep 01 j 05:12	28°♋03'16	18°23'32
	-2719 Sep 02 j 23:32	0°♌	
morning set	-2719 Sep 20 j 12:21	26°♌52'56	
	-2719 Sep 22 j 10:13	0°♍	
superior conj	-2719 Oct 05 j 13:25	21°♍03'43	0°03'48
minimum elong	-2719 Oct 05 j 13:54	21°♍05'38	0°03'45
behind sun begin	-2719 Oct 05 j 02:56	20°♍22'14	
behind sun end	-2719 Oct 06 j 00:52	21°♍48'59	
desc. node	-2719 Oct 06 j 03:33	21°♍59'34	
max. Earth dist.	-2719 Oct 07 j 15:45	24°♍22'21	1.44848 AU
	-2719 Oct 11 j 05:36	0°♎	
evening rise	-2719 Oct 22 j 01:44	17°♎00'07	
	-2719 Oct 30 j 09:00	0°♏	
greatest brilliancy	-2719 Nov 04 j 23:20	8°♏34'04	-0.7m
evening max el	-2719 Nov 14 j 11:28	21°♏08'24	19°22'14
retrograde	-2719 Nov 21 j 15:12	25°♏16'14	
asc. node	-2719 Nov 21 j 13:06	25°♏16'11	
evening set	-2719 Nov 24 j 22:16	24°♏12'54	
inferior conj	-2719 Nov 30 j 14:16	18°♏17'00	2°46'04
minimum elong	-2719 Nov 30 j 11:16	18°♏26'38	2°45'07
min. Earth dist.	-2719 Dec 01 j 20:29	16°♏39'56	0.66030 AU
morning rise	-2719 Dec 05 j 23:29	12°♏04'09	
direct	-2719 Dec 12 j 05:15	9°♏20'49	
morning max el	-2719 Dec 24 j 17:59	16°♏43'39	26°05'57
desc. node	-2718 Jan 02 j 02:59	26°♏24'36	
	-2718 Jan 04 j 20:22	0°♐	
	-2718 Jan 24 j 05:40	0°♑	
morning set	-2718 Jan 29 j 21:48	10°♑11'21	
max. Earth dist.	-2718 Feb 02 j 22:38	17°♑50'54	1.35501 AU
superior conj	-2718 Feb 07 j 23:53	27°♑53'39	-1°-26'-4
minimum elong	-2718 Feb 08 j 03:14	28°♑10'36	1°25'42
	-2718 Feb 09 j 00:41	0°♒	
evening rise	-2718 Feb 15 j 20:15	14°♒03'13	
asc. node	-2718 Feb 17 j 12:22	17°♒27'00	
	-2718 Feb 24 j 03:52	0°♓	
evening max el	-2718 Mar 06 j 05:30	13°♓40'41	20°23'55
retrograde	-2718 Mar 16 j 22:58	18°♓47'36	
evening set	-2718 Mar 19 j 04:59	18°♓35'02	
inferior conj	-2718 Mar 28 j 04:33	14°♓36'54	0°48'14
minimum elong	-2718 Mar 28 j 06:41	14°♓33'45	0°47'29
min. Earth dist.	-2718 Mar 29 j 18:44	13°♓40'47	0.55380 AU
desc. node	-2718 Mar 31 j 02:00	12°♓56'07	
morning rise	-2718 Apr 06 j 06:11	10°♓17'04	
direct	-2718 Apr 09 j 20:58	9°♓48'33	
morning max el	-2718 Apr 23 j 09:17	16°♓26'07	23°23'02
	-2718 May 04 j 03:54	0°♈	
asc. node	-2718 May 16 j 11:49	22°♈48'58	
morning set	-2718 May 16 j 17:32	23°♈18'46	
	-2718 May 19 j 21:09	0°♉	
superior conj	-2718 May 23 j 21:15	8°♉36'00	1°10'26
minimum elong	-2718 May 23 j 18:43	8°♉22'29	1°10'05
max. Earth dist.	-2718 May 26 j 04:31	13°♉29'48	1.33728 AU
evening rise	-2718 May 31 j 12:18	24°♉25'58	
	-2718 Jun 03 j 08:43	0°♊	
	-2718 Jun 21 j 09:00	0°♋	
desc. node	-2718 Jun 27 j 01:06	7°♋32'53	
evening max el	-2718 Jul 04 j 09:15	15°♋40'54	27°22'24
retrograde	-2718 Jul 17 j 22:56	23°♋03'55	
evening set	-2718 Jul 25 j 01:44	20°♋20'31	
min. Earth dist.	-2718 Jul 28 j 17:45	16°♋58'52	0.64111 AU
inferior conj	-2718 Jul 31 j 04:07	14°♋23'48	-3°-32'-14
minimum elong	-2718 Jul 31 j 08:13	14°♋12'55	3°31'10
morning rise	-2718 Aug 06 j 16:31	8°♋59'02	
direct	-2718 Aug 09 j 07:32	8°♋24'00	
asc. node	-2718 Aug 12 j 11:07	9°♋14'25	
morning max el	-2718 Aug 15 j 20:03	11°♋50'51	18°00'35
	-2718 Aug 28 j 05:55	0°♌	
morning set	-2718 Sep 02 j 03:20	8°♌21'25	
superior conj	-2718 Sep 15 j 03:43	0°♍08'57	0°49'20
minimum elong	-2718 Sep 15 j 08:44	0°♍29'23	0°48'46
	-2718 Sep 15 j 01:31	0°♍	
max. Earth dist.	-2718 Sep 20 j 08:40	8°♍31'56	1.44225 AU
desc. node	-2718 Sep 23 j 00:33	12°♍45'12	
evening rise	-2718 Oct 01 j 11:47	25°♍57'42	
	-2718 Oct 04 j 02:45	0°♎	
greatest brilliancy	-2718 Oct 22 j 02:45	26°♎37'27	-0.6m
	-2718 Oct 24 j 16:27	0°♏	
evening max el	-2718 Oct 28 j 15:29	4°♏35'17	20°19'39
retrograde	-2718 Nov 05 j 12:35	9°♏13'31	
asc. node	-2718 Nov 08 j 10:12	8°♏24'55	
evening set	-2718 Nov 09 j 04:35	7°♏55'35	
inferior conj	-2718 Nov 14 j 16:37	1°♏48'02	2°02'13
minimum elong	-2718 Nov 14 j 14:06	1°♏56'28	2°01'16
min. Earth dist.	-2718 Nov 15 j 10:24	0°♏48'11	0.66847 AU
	-2718 Nov 16 j 00:52	30°℞♎	
morning rise	-2718 Nov 19 j 23:04	25°♎31'56	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

direct	-2718 Nov 25 j 14:11	23°♎04'41	
morning max el	-2718 Dec 07 j 02:35	29°♎56'19	24°47'29
	-2718 Dec 07 j 04:02	0°♏	
desc. node	-2718 Dec 20 j 00:02	15°♏42'50	
	-2718 Dec 29 j 18:03	0°♐	
morning set	-2717 Jan 12 j 03:54	22°♐10'01	
max. Earth dist.	-2717 Jan 15 j 21:41	28°♐54'24	1.37305 AU
	-2717 Jan 16 j 11:56	0°♑	
superior conj	-2717 Jan 22 j 10:44	11°♑18'08	-1°-44'-11
minimum elong	-2717 Jan 22 j 13:49	11°♑33'12	1°44'01
evening rise	-2717 Jan 30 j 22:10	28°♑10'24	
	-2717 Jan 31 j 20:12	0°♒	
asc. node	-2717 Feb 04 j 09:26	6°♒54'25	
evening max el	-2717 Feb 16 j 21:33	25°♒33'51	19°20'25
retrograde	-2717 Feb 25 j 23:12	29°♒53'24	
evening set	-2717 Feb 28 j 06:09	29°♒38'06	
inferior conj	-2717 Mar 08 j 13:20	25°♒29'46	2°26'21
minimum elong	-2717 Mar 08 j 18:07	25°♒21'49	2°24'59
min. Earth dist.	-2717 Mar 11 j 09:50	23°♒36'46	0.56512 AU
morning rise	-2717 Mar 17 j 02:14	20°♒39'25	
desc. node	-2717 Mar 17 j 23:06	20°♒22'18	
direct	-2717 Mar 21 j 20:54	19°♒46'58	
morning max el	-2717 Apr 05 j 00:15	26°♒59'52	25°01'22
	-2717 Apr 07 j 21:43	0°♓	
	-2717 Apr 27 j 03:36	0°♈	
morning set	-2717 May 01 j 05:42	8°♈20'18	
asc. node	-2717 May 03 j 08:51	12°♈52'07	
superior conj	-2717 May 08 j 06:56	23°♈32'36	0°49'33
minimum elong	-2717 May 08 j 04:56	23°♈21'43	0°49'11
max. Earth dist.	-2717 May 09 j 12:15	26°♈11'42	1.32977 AU
	-2717 May 11 j 06:40	0°♉	
evening rise	-2717 May 15 j 13:03	8°♉56'28	
	-2717 May 26 j 18:12	0°♊	
desc. node	-2717 Jun 13 j 22:09	25°♊35'17	
evening max el	-2717 Jun 16 j 17:48	28°♊27'42	27°19'59
	-2717 Jun 18 j 10:14	0°♋	
retrograde	-2717 Jun 30 j 14:09	5°♋49'14	
evening set	-2717 Jul 07 j 17:08	3°♋22'34	
min. Earth dist.	-2717 Jul 11 j 07:12	0°♋28'33	0.62376 AU
	-2717 Jul 11 j 19:35	30°℞♊	
inferior conj	-2717 Jul 14 j 06:25	27°♊39'57	-4°-7'-13
minimum elong	-2717 Jul 14 j 09:49	27°♊31'53	4°06'38
morning rise	-2717 Jul 21 j 04:58	22°♊34'38	
direct	-2717 Jul 23 j 17:15	22°♊06'16	
asc. node	-2717 Jul 30 j 08:10	25°♊24'54	
morning max el	-2717 Jul 30 j 10:51	25°♊31'25	17°55'49
	-2717 Aug 03 j 05:03	0°♋	
morning set	-2717 Aug 15 j 16:09	20°♋52'29	
	-2717 Aug 20 j 18:51	0°♌	
superior conj	-2717 Aug 26 j 20:33	10°♌33'00	1°22'31
minimum elong	-2717 Aug 27 j 01:44	10°♌55'03	1°22'05
max. Earth dist.	-2717 Sep 02 j 21:53	22°♌18'55	1.42967 AU
	-2717 Sep 07 j 16:33	0°♍	
desc. node	-2717 Sep 09 j 21:34	3°♍29'08	
evening rise	-2717 Sep 10 j 17:31	4°♍47'12	
	-2717 Sep 27 j 12:42	0°♎	
greatest brilliancy	-2717 Oct 06 j 12:25	12°♎13'22	-0.4m
evening max el	-2717 Oct 11 j 13:36	18°♎02'26	21°29'25
retrograde	-2717 Oct 20 j 09:16	23°♎16'31	
evening set	-2717 Oct 24 j 12:28	21°♎41'31	
asc. node	-2717 Oct 26 j 07:16	20°♎01'52	
inferior conj	-2717 Oct 29 j 22:05	15°♎25'43	1°13'17
minimum elong	-2717 Oct 29 j 20:28	15°♎31'19	1°12'37
min. Earth dist.	-2717 Oct 30 j 04:43	15°♎02'53	0.67329 AU
morning rise	-2717 Nov 04 j 04:08	9°♎09'09	
direct	-2717 Nov 09 j 03:56	7°♎02'48	
morning max el	-2717 Nov 19 j 11:45	13°♎12'18	23°21'10
greatest brilliancy	-2717 Nov 24 j 22:36	19°♎21'44	-0.2m
	-2717 Dec 02 j 23:57	0°♏	
desc. node	-2717 Dec 06 j 21:04	5°♏31'41	
	-2717 Dec 22 j 15:38	0°♐	
morning set	-2717 Dec 24 j 08:54	2°♐51'44	
max. Earth dist.	-2717 Dec 28 j 17:04	10°♐16'45	1.39370 AU
superior conj	-2716 Jan 05 j 07:24	23°♐57'00	-1°-55'-19
minimum elong	-2716 Jan 05 j 08:56	24°♐04'08	1°55'22
	-2716 Jan 08 j 12:40	0°♑	
evening rise	-2716 Jan 14 j 16:07	11°♑48'44	
asc. node	-2716 Jan 22 j 06:29	25°♑56'00	
	-2716 Jan 24 j 17:39	0°♒	
evening max el	-2716 Jan 30 j 22:54	8°♒00'21	18°36'31
retrograde	-2716 Feb 07 j 17:28	11°♒47'21	
evening set	-2716 Feb 10 j 03:58	11°♒26'22	
inferior conj	-2716 Feb 17 j 17:53	6°♒58'43	3°28'31
minimum elong	-2716 Feb 17 j 21:37	6°♒51'31	3°27'50
min. Earth dist.	-2716 Feb 21 j 03:01	4°♒23'21	0.58268 AU
morning rise	-2716 Feb 25 j 11:33	1°♒40'28	
direct	-2716 Mar 02 j 09:54	0°♒12'16	
desc. node	-2716 Mar 03 j 20:11	0°♒17'22	
morning max el	-2716 Mar 16 j 16:46	7°♒44'00	26°25'49
	-2716 Apr 02 j 08:49	0°♓	
morning set	-2716 Apr 14 j 16:54	23°♓18'40	
	-2716 Apr 17 j 20:16	0°♈	
asc. node	-2716 Apr 19 j 05:53	3°♈02'27	
superior conj	-2716 Apr 21 j 18:24	8°♈33'24	0°26'14
minimum elong	-2716 Apr 21 j 17:16	8°♈27'09	0°26'00
max. Earth dist.	-2716 Apr 22 j 00:39	9°♈07'38	1.32579 AU
evening rise	-2716 Apr 28 j 19:36	23°♈43'36	
	-2716 May 01 j 21:28	0°♉	
	-2716 May 19 j 18:34	0°♊	
evening max el	-2716 May 28 j 21:18	10°♊35'30	26°44'36
desc. node	-2716 May 30 j 19:12	12°♊19'20	
retrograde	-2716 Jun 11 j 21:33	17°♊53'38	
evening set	-2716 Jun 18 j 14:16	15°♊57'04	
min. Earth dist.	-2716 Jun 22 j 10:46	13°♊16'50	0.60392 AU
inferior conj	-2716 Jun 25 j 18:34	10°♊31'41	-4°-26'-13
minimum elong	-2716 Jun 25 j 19:44	10°♊29'16	4°26'07
morning rise	-2716 Jul 03 j 04:23	5°♊48'18	
direct	-2716 Jul 05 j 15:54	5°♊24'44	
morning max el	-2716 Jul 12 j 22:44	8°♊57'45	18°10'11
asc. node	-2716 Jul 16 j 05:14	12°♊42'10	
	-2716 Jul 26 j 15:25	0°♋	
morning set	-2716 Jul 28 j 21:10	4°♋10'56	
superior conj	-2716 Aug 07 j 15:49	22°♋15'39	1°41'38
minimum elong	-2716 Aug 07 j 18:46	22°♋28'52	1°41'31
	-2716 Aug 12 j 01:00	0°♌	
max. Earth dist.	-2716 Aug 15 j 05:48	5°♌28'47	1.41245 AU
evening rise	-2716 Aug 20 j 13:47	14°♌18'18	
desc. node	-2716 Aug 26 j 18:33	24°♌07'29	
	-2716 Aug 30 j 14:48	0°♍	
greatest brilliancy	-2716 Sep 18 j 07:58	25°♍58'55	-0.3m
	-2716 Sep 21 j 19:47	0°♎	
evening max el	-2716 Sep 23 j 05:58	1°♎29'18	22°47'25
retrograde	-2716 Oct 03 j 03:39	7°♎21'50	
evening set	-2716 Oct 07 j 20:05	5°♎27'51	
asc. node	-2716 Oct 12 j 04:20	0°♎31'14	
	-2716 Oct 12 j 13:30	30°℞♍	
inferior conj	-2716 Oct 13 j 04:48	29°♍07'18	0°21'01
minimum elong	-2716 Oct 13 j 04:18	29°♍09'00	0°20'49

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

min. Earth dist.	-2716 Oct 13 j 01:00	29°♍20'22	0.67499 AU
morning rise	-2716 Oct 18 j 12:29	22°♍53'00	
direct	-2716 Oct 22 j 21:29	21°♍08'52	
morning max el	-2716 Nov 01 j 00:45	26°♍33'15	21°55'55
	-2716 Nov 04 j 04:01	0°♎	
greatest brilliancy	-2716 Nov 05 j 20:36	2°♎02'16	-0.4m
desc. node	-2716 Nov 22 j 18:05	25°♎41'37	
	-2716 Nov 25 j 14:17	0°♏	
morning set	-2716 Dec 03 j 08:52	12°♏08'52	
max. Earth dist.	-2716 Dec 09 j 16:31	22°♏27'45	1.41418 AU
	-2716 Dec 14 j 03:20	0°♐	
superior conj	-2716 Dec 17 j 08:31	5°♐35'50	-1°-55'-56
minimum elong	-2716 Dec 17 j 06:51	5°♐28'28	1°55'59
evening rise	-2716 Dec 27 j 22:47	24°♐50'01	
	-2716 Dec 30 j 17:59	0°♑	
asc. node	-2715 Jan 08 j 03:31	14°♑22'51	
evening max el	-2715 Jan 13 j 06:48	20°♑51'40	18°12'42
retrograde	-2715 Jan 20 j 05:52	24°♑22'10	
evening set	-2715 Jan 22 j 19:35	23°♑54'14	
inferior conj	-2715 Jan 29 j 18:38	19°♑04'33	3°55'59
minimum elong	-2715 Jan 29 j 19:46	19°♑02'00	3°55'52
min. Earth dist.	-2715 Feb 02 j 01:23	16°♑09'10	0.60291 AU
morning rise	-2715 Feb 05 j 17:03	13°♑25'37	
direct	-2715 Feb 12 j 10:14	11°♑19'36	
desc. node	-2715 Feb 18 j 17:16	13°♑00'36	
morning max el	-2715 Feb 26 j 15:03	19°♑01'21	27°22'43
	-2715 Mar 07 j 22:36	0°♒	
	-2715 Mar 26 j 00:30	0°♓	
morning set	-2715 Mar 30 j 01:22	8°♓07'14	
max. Earth dist.	-2715 Apr 05 j 13:54	22°♓04'15	1.32517 AU
superior conj	-2715 Apr 06 j 06:00	23°♓32'19	0°01'22
minimum elong	-2715 Apr 06 j 05:57	23°♓31'59	0°01'20
behind sun begin	-2715 Apr 06 j 00:56	23°♓04'35	
behind sun end	-2715 Apr 06 j 10:57	23°♓59'23	
asc. node	-2715 Apr 06 j 02:55	23°♓15'26	
	-2715 Apr 09 j 04:55	0°♈	
evening rise	-2715 Apr 13 j 05:38	8°♈39'03	
	-2715 Apr 24 j 09:18	0°♉	
evening max el	-2715 May 10 j 18:11	21°♉59'47	25°38'53
desc. node	-2715 May 17 j 16:13	27°♉13'49	
retrograde	-2715 May 24 j 19:50	29°♉12'41	
evening set	-2715 May 30 j 13:44	27°♉54'10	
min. Earth dist.	-2715 Jun 04 j 06:23	25°♉10'22	0.58355 AU
inferior conj	-2715 Jun 07 j 12:59	22°♉49'38	-4°-19'-59
minimum elong	-2715 Jun 07 j 10:28	22°♉54'10	4°19'44
morning rise	-2715 Jun 15 j 11:08	18°♉28'42	
direct	-2715 Jun 17 j 22:57	18°♉08'54	
morning max el	-2715 Jun 26 j 04:53	22°♉02'07	18°44'38
	-2715 Jul 02 j 12:57	0°♊	
asc. node	-2715 Jul 03 j 02:17	0°♊52'01	
morning set	-2715 Jul 12 j 13:57	18°♊05'41	
	-2715 Jul 18 j 16:47	0°♋	
superior conj	-2715 Jul 21 j 08:23	5°♋03'27	1°48'32
minimum elong	-2715 Jul 21 j 08:51	5°♋05'41	1°48'36
max. Earth dist.	-2715 Jul 28 j 08:57	17°♋55'17	1.39289 AU
evening rise	-2715 Aug 01 j 11:02	25°♋01'04	
	-2715 Aug 04 j 10:17	0°♌	
desc. node	-2715 Aug 13 j 15:32	14°♌36'32	
	-2715 Aug 24 j 08:12	0°♍	
evening max el	-2715 Sep 05 j 18:19	14°♍58'15	24°07'52
retrograde	-2715 Sep 16 j 18:44	21°♍26'57	
evening set	-2715 Sep 22 j 01:45	19°♍13'41	
inferior conj	-2715 Sep 27 j 11:04	12°♍51'55	0°-32'-53
minimum elong	-2715 Sep 27 j 11:51	12°♍49'16	0°32'32

min. Earth dist.	-2715 Sep 26 j 20:56	13°♍39'44	0.67362 AU
asc. node	-2715 Sep 29 j 01:24	10°♍44'38	
morning rise	-2715 Oct 02 j 22:11	6°♍42'44	
direct	-2715 Oct 06 j 17:58	5°♍19'24	
morning max el	-2715 Oct 14 j 20:26	10°♍03'11	20°38'40
greatest brilliancy	-2715 Oct 20 j 23:54	17°♍21'49	-0.5m
	-2715 Oct 29 j 22:49	0°♎	
desc. node	-2715 Nov 09 j 15:05	16°♎06'43	
morning set	-2715 Nov 12 j 10:21	20°♎26'44	
	-2715 Nov 18 j 12:17	0°♏	
max. Earth dist.	-2715 Nov 21 j 23:11	5°♏32'10	1.43156 AU
superior conj	-2715 Nov 28 j 08:38	16°♏02'04	-1°-41'-57
minimum elong	-2715 Nov 28 j 02:53	15°♏38'06	1°41'36
	-2715 Dec 06 j 12:58	0°♐	
evening rise	-2715 Dec 10 j 14:13	7°♐06'30	
	-2715 Dec 24 j 09:34	0°♑	
asc. node	-2715 Dec 26 j 00:33	2°♑04'51	
evening max el	-2715 Dec 27 j 18:25	4°♑00'30	18°08'36
retrograde	-2714 Jan 03 j 08:22	7°♑28'01	
evening set	-2714 Jan 06 j 01:19	6°♑52'13	
inferior conj	-2714 Jan 12 j 12:33	1°♑41'14	3°56'52
minimum elong	-2714 Jan 12 j 11:23	1°♑44'13	3°56'43
	-2714 Jan 14 j 03:56	30°℞♐	
min. Earth dist.	-2714 Jan 15 j 08:08	28°♐49'12	0.62272 AU
morning rise	-2714 Jan 18 j 19:20	25°♐48'07	
direct	-2714 Jan 25 j 20:06	23°♐13'00	
desc. node	-2714 Feb 05 j 14:20	28°♐05'05	
	-2714 Feb 07 j 18:33	0°♑	
morning max el	-2714 Feb 08 j 19:31	0°♑59'58	27°44'08
	-2714 Mar 02 j 00:54	0°♒	
morning set	-2714 Mar 14 j 04:58	22°♒38'29	
	-2714 Mar 17 j 18:10	0°♓	
max. Earth dist.	-2714 Mar 19 j 23:58	4°♓46'49	1.32814 AU
superior conj	-2714 Mar 21 j 16:04	8°♓23'18	0°-24'-15
minimum elong	-2714 Mar 21 j 17:11	8°♓29'19	0°24'03
asc. node	-2714 Mar 23 j 23:56	13°♓26'43	
evening rise	-2714 Mar 28 j 17:13	23°♓35'35	
	-2714 Mar 31 j 19:42	0°♈	
	-2714 Apr 19 j 16:41	0°♉	
evening max el	-2714 Apr 22 j 10:07	2°♉49'43	24°11'54
desc. node	-2714 May 04 j 13:17	9°♉41'19	
retrograde	-2714 May 06 j 06:51	9°♉48'12	
evening set	-2714 May 10 j 16:24	9°♉04'57	
min. Earth dist.	-2714 May 16 j 21:40	6°♉02'05	0.56578 AU
inferior conj	-2714 May 19 j 11:17	4°♉25'36	-3°-37'-29
minimum elong	-2714 May 19 j 05:24	4°♉34'52	3°36'15
morning rise	-2714 May 27 j 22:23	0°♉22'48	
direct	-2714 May 30 j 10:53	0°♉05'53	
morning max el	-2714 Jun 09 j 02:29	4°♉34'14	19°39'41
asc. node	-2714 Jun 19 j 23:20	19°♉41'31	
	-2714 Jun 25 j 09:35	0°♊	
morning set	-2714 Jun 26 j 15:02	2°♊27'00	
superior conj	-2714 Jul 04 j 16:33	18°♊39'28	1°45'55
minimum elong	-2714 Jul 04 j 15:12	18°♊32'49	1°45'57
max. Earth dist.	-2714 Jul 10 j 11:31	29°♊48'25	1.37362 AU
	-2714 Jul 10 j 13:59	0°♋	
evening rise	-2714 Jul 14 j 09:10	6°♋56'59	
	-2714 Jul 28 j 07:03	0°♌	
desc. node	-2714 Jul 31 j 12:31	4°♌50'37	
evening max el	-2714 Aug 19 j 05:09	28°♌30'04	25°23'45
	-2714 Aug 20 j 19:14	0°♍	
retrograde	-2714 Aug 31 j 05:38	5°♍26'59	
evening set	-2714 Sep 06 j 03:38	2°♍56'31	
	-2714 Sep 08 j 23:19	30°℞♌	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

min. Earth dist.	-2714 Sep 10 j 14:07	27°♌58'37	0.66909 AU
inferior conj	-2714 Sep 11 j 15:09	26°♌37'17	-1°-26'-52
minimum elong	-2714 Sep 11 j 17:13	26°♌30'32	1°26'01
asc. node	-2714 Sep 15 j 22:29	21°♌39'47	
morning rise	-2714 Sep 17 j 07:23	20°♌36'11	
direct	-2714 Sep 20 j 16:04	19°♌30'42	
morning max el	-2714 Sep 27 j 23:29	23°♌41'51	19°33'57
	-2714 Oct 03 j 05:27	0°♍	
greatest brilliancy	-2714 Oct 06 j 18:10	4°♍55'59	-0.7m
morning set	-2714 Oct 22 j 10:15	28°♍47'21	
	-2714 Oct 23 j 04:56	0°♎	
desc. node	-2714 Oct 27 j 12:05	6°♎41'59	
max. Earth dist.	-2714 Nov 04 j 12:11	19°♎17'18	1.44355 AU
superior conj	-2714 Nov 08 j 05:30	25°♎13'06	-1°-10'-40
minimum elong	-2714 Nov 07 j 22:09	24°♎43'40	1°09'55
	-2714 Nov 11 j 04:48	0°♏	
evening rise	-2714 Nov 22 j 09:51	18°♏28'58	
	-2714 Nov 29 j 06:53	0°♐	
evening max el	-2714 Dec 11 j 07:01	17°♐20'15	18°23'28
asc. node	-2714 Dec 12 j 21:36	18°♐49'04	
retrograde	-2714 Dec 17 j 20:30	20°♐55'53	
evening set	-2714 Dec 20 j 17:39	20°♐10'54	
inferior conj	-2714 Dec 26 j 19:42	14°♐40'31	3°39'01
minimum elong	-2714 Dec 26 j 17:09	14°♐47'47	3°38'30
min. Earth dist.	-2714 Dec 29 j 00:41	12°♐10'06	0.64007 AU
morning rise	-2713 Jan 01 j 15:12	8°♐37'44	
direct	-2713 Jan 08 j 13:48	5°♐48'08	
morning max el	-2713 Jan 22 j 03:52	13°♐33'45	27°29'30
desc. node	-2713 Jan 23 j 11:25	14°♐54'18	
	-2713 Feb 04 j 11:47	0°♑	
	-2713 Feb 22 j 13:31	0°♒	
morning set	-2713 Feb 26 j 01:09	6°♒43'35	
max. Earth dist.	-2713 Mar 03 j 02:53	17°♒02'15	1.33511 AU
superior conj	-2713 Mar 05 j 22:49	23°♒00'23	0°-49'-37
minimum elong	-2713 Mar 06 j 01:03	23°♒12'14	0°49'15
	-2713 Mar 09 j 05:16	0°♓	
asc. node	-2713 Mar 10 j 20:57	3°♓32'18	
evening rise	-2713 Mar 13 j 04:37	8°♓26'59	
	-2713 Mar 24 j 15:12	0°♈	
evening max el	-2713 Apr 04 j 02:45	13°♈30'36	22°37'23
retrograde	-2713 Apr 17 j 05:05	19°♈56'10	
evening set	-2713 Apr 20 j 08:01	19°♈34'48	
desc. node	-2713 Apr 21 j 10:21	19°♈17'41	
min. Earth dist.	-2713 Apr 28 j 11:42	16°♈01'12	0.55417 AU
inferior conj	-2713 Apr 29 j 15:27	15°♈21'30	-2°-13'-5
minimum elong	-2713 Apr 29 j 09:53	15°♈29'29	2°11'20
morning rise	-2713 May 08 j 14:04	11°♈25'30	
direct	-2713 May 11 j 05:54	11°♈09'04	
morning max el	-2713 May 22 j 13:28	16°♈26'05	20°54'36
	-2713 Jun 01 j 20:54	0°♉	
asc. node	-2713 Jun 06 j 20:23	9°♉00'58	
morning set	-2713 Jun 10 j 21:48	17°♉07'49	
	-2713 Jun 17 j 02:42	0°♊	
superior conj	-2713 Jun 18 j 11:46	2°♊50'19	1°36'08
minimum elong	-2713 Jun 18 j 09:25	2°♊38'18	1°36'01
max. Earth dist.	-2713 Jun 22 j 20:07	11°♊36'04	1.35677 AU
evening rise	-2713 Jun 27 j 03:33	19°♊54'06	
	-2713 Jul 02 j 17:17	0°♋	
desc. node	-2713 Jul 18 j 09:31	24°♋42'51	
	-2713 Jul 22 j 06:48	0°♌	
evening max el	-2713 Aug 01 j 16:27	12°♌02'41	26°27'02
retrograde	-2713 Aug 14 j 11:40	19°♌16'26	
evening set	-2713 Aug 20 j 23:38	16°♌33'52	
min. Earth dist.	-2713 Aug 25 j 02:07	12°♌14'02	0.66116 AU
inferior conj	-2713 Aug 26 j 15:09	10°♌20'53	-2°-19'-8
minimum elong	-2713 Aug 26 j 18:23	10°♌11'01	2°17'57
morning rise	-2713 Sep 01 j 14:05	4°♌31'08	
asc. node	-2713 Sep 02 j 19:35	3°♌57'49	
direct	-2713 Sep 04 j 14:05	3°♌39'58	
morning max el	-2713 Sep 11 j 08:50	7°♌27'05	18°44'25
	-2713 Sep 27 j 03:15	0°♍	
morning set	-2713 Oct 02 j 06:20	8°♍11'03	
desc. node	-2713 Oct 14 j 09:03	27°♍23'31	
	-2713 Oct 16 j 00:47	0°♎	
superior conj	-2713 Oct 18 j 07:19	3°♎34'44	0°-24'-59
minimum elong	-2713 Oct 18 j 04:02	3°♎21'46	0°24'35
max. Earth dist.	-2713 Oct 18 j 05:27	3°♎27'23	1.44880 AU
evening rise	-2713 Nov 03 j 05:42	28°♎49'53	
	-2713 Nov 03 j 23:14	0°♏	
	-2713 Nov 24 j 01:04	0°♐	
evening max el	-2713 Nov 24 j 17:58	0°♐45'03	18°56'07
asc. node	-2713 Nov 29 j 18:41	4°♐19'54	
retrograde	-2713 Dec 01 j 14:26	4°♐38'22	
evening set	-2713 Dec 04 j 17:24	3°♐42'17	
	-2713 Dec 08 j 19:04	30°℞♏	
inferior conj	-2713 Dec 10 j 12:30	27°♏55'00	3°08'08
minimum elong	-2713 Dec 10 j 09:28	28°♏04'24	3°07'18
min. Earth dist.	-2713 Dec 12 j 02:41	25°♏57'01	0.65400 AU
morning rise	-2713 Dec 16 j 00:33	21°♏45'21	
direct	-2713 Dec 22 j 13:53	18°♏56'13	
morning max el	-2712 Jan 04 j 13:23	26°♏30'21	26°43'32
	-2712 Jan 07 j 20:00	0°♐	
desc. node	-2712 Jan 10 j 08:28	2°♐57'10	
	-2712 Jan 29 j 01:43	0°♑	
morning set	-2712 Feb 09 j 10:21	20°♑10'19	
max. Earth dist.	-2712 Feb 13 j 19:15	28°♑42'09	1.34647 AU
	-2712 Feb 14 j 10:47	0°♒	
superior conj	-2712 Feb 18 j 00:03	7°♒15'33	-1°-13'-33
minimum elong	-2712 Feb 18 j 03:08	7°♒31'30	1°13'08
evening rise	-2712 Feb 25 j 13:56	23°♒06'01	
asc. node	-2712 Feb 25 j 17:59	23°♒27'01	
	-2712 Feb 28 j 23:33	0°♓	
evening max el	-2712 Mar 16 j 02:14	24°♓28'34	21°08'37
	-2712 Mar 26 j 07:35	0°♈	
retrograde	-2712 Mar 27 j 18:38	0°♈05'08	
	-2712 Mar 29 j 06:09	30°℞♓	
evening set	-2712 Mar 30 j 04:22	29°♓51'44	
desc. node	-2712 Apr 07 j 07:28	26°♓31'22	
inferior conj	-2712 Apr 08 j 10:30	25°♓53'19	0°-18'-58
minimum elong	-2712 Apr 08 j 09:37	25°♓54'35	0°18'40
min. Earth dist.	-2712 Apr 09 j 01:26	25°♓32'12	0.55127 AU
morning rise	-2712 Apr 17 j 14:16	21°♓47'24	
direct	-2712 Apr 20 j 17:39	21°♓25'56	
morning max el	-2712 May 03 j 13:41	27°♓35'43	22°26'00
	-2712 May 05 j 22:24	0°♈	
asc. node	-2712 May 23 j 17:26	28°♈42'12	
	-2712 May 24 j 08:37	0°♉	
morning set	-2712 May 25 j 08:06	2°♉01'32	
superior conj	-2712 Jun 01 j 14:35	17°♉25'19	1°21'01
minimum elong	-2712 Jun 01 j 11:58	17°♉11'27	1°20'44
max. Earth dist.	-2712 Jun 04 j 14:35	23°♉41'48	1.34336 AU
	-2712 Jun 07 j 16:59	0°♊	
evening rise	-2712 Jun 09 j 12:59	3°♊37'20	
	-2712 Jun 24 j 12:43	0°♋	
desc. node	-2712 Jul 04 j 06:33	14°♋03'59	
evening max el	-2712 Jul 14 j 04:11	25°♋27'39	27°09'50
	-2712 Jul 19 j 16:47	0°♌	
retrograde	-2712 Jul 27 j 12:15	2°♌48'26	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening set	-2712 Aug 03 j 11:14	0°♌02'10	
	-2712 Aug 03 j 12:19	30°℞♋	
min. Earth dist.	-2712 Aug 07 j 06:36	26°♋20'21	0.64954 AU
inferior conj	-2712 Aug 09 j 08:56	23°♋58'54	-3°-7'-26
minimum elong	-2712 Aug 09 j 12:55	23°♋47'41	3°06'12
morning rise	-2712 Aug 15 j 16:01	18°♋23'57	
direct	-2712 Aug 18 j 09:43	17°♋43'47	
asc. node	-2712 Aug 19 j 16:41	17°♋52'42	
morning max el	-2712 Aug 24 j 22:26	21°♋15'23	18°11'34
	-2712 Aug 31 j 15:25	0°♌	
morning set	-2712 Sep 12 j 06:24	18°♌57'09	
	-2712 Sep 18 j 22:56	0°♍	
superior conj	-2712 Sep 26 j 10:56	12°♍06'53	0°24'16
minimum elong	-2712 Sep 26 j 13:53	12°♍18'36	0°23'54
max. Earth dist.	-2712 Sep 30 j 00:07	17°♍45'12	1.44673 AU
desc. node	-2712 Sep 30 j 06:02	18°♍08'36	
	-2712 Oct 07 j 19:21	0°♎	
evening rise	-2712 Oct 13 j 02:01	8°♎12'51	
	-2712 Oct 27 j 07:15	0°♏	
greatest brilliancy	-2712 Oct 30 j 03:14	4°♏08'02	-0.6m
evening max el	-2712 Nov 07 j 01:04	14°♏11'59	19°44'58
retrograde	-2712 Nov 14 j 11:16	18°♏31'28	
asc. node	-2712 Nov 15 j 15:46	18°♏23'20	
evening set	-2712 Nov 17 j 21:58	17°♏22'03	
inferior conj	-2712 Nov 23 j 12:04	11°♏20'49	2°28'12
minimum elong	-2712 Nov 23 j 09:14	11°♏30'09	2°27'13
min. Earth dist.	-2712 Nov 24 j 12:45	9°♏59'45	0.66424 AU
morning rise	-2712 Nov 28 j 19:50	5°♏06'32	
direct	-2712 Dec 04 j 19:38	2°♏29'20	
morning max el	-2712 Dec 16 j 22:28	9°♏39'40	25°34'13
desc. node	-2712 Dec 27 j 05:31	21°♏52'19	
	-2711 Jan 02 j 01:46	0°♐	
	-2711 Jan 20 j 15:20	0°♑	
morning set	-2711 Jan 22 j 03:57	2°♑45'09	
max. Earth dist.	-2711 Jan 26 j 00:06	9°♑53'09	1.36230 AU
superior conj	-2711 Jan 31 j 17:05	21°♑00'51	-1°-34'-25
minimum elong	-2711 Jan 31 j 20:27	21°♑17'38	1°34'07
	-2711 Feb 05 j 03:37	0°♒	
evening rise	-2711 Feb 08 j 19:12	7°♒26'35	
asc. node	-2711 Feb 11 j 15:02	13°♒05'51	
	-2711 Feb 21 j 10:13	0°♓	
evening max el	-2711 Feb 26 j 12:01	5°♓59'37	19°54'31
retrograde	-2711 Mar 08 j 11:42	10°♓44'58	
evening set	-2711 Mar 10 j 17:36	10°♓31'36	
inferior conj	-2711 Mar 19 j 10:36	6°♓30'20	1°33'43
minimum elong	-2711 Mar 19 j 14:22	6°♓24'32	1°32'28
min. Earth dist.	-2711 Mar 21 j 15:30	5°♓09'18	0.55770 AU
desc. node	-2711 Mar 25 j 04:34	3°♓12'24	
morning rise	-2711 Mar 28 j 08:09	1°♓58'23	
direct	-2711 Apr 01 j 10:08	1°♓21'34	
morning max el	-2711 Apr 15 j 06:23	8°♓15'26	24°05'38
	-2711 May 01 j 02:14	0°♈	
morning set	-2711 May 09 j 20:04	17°♈01'59	
asc. node	-2711 May 10 j 14:27	18°♈38'53	
	-2711 May 15 j 21:11	0°♉	
superior conj	-2711 May 16 j 22:21	2°♉15'59	1°01'56
minimum elong	-2711 May 16 j 20:00	2°♉03'17	1°01'33
max. Earth dist.	-2711 May 18 j 18:19	6°♉11'59	1.33368 AU
evening rise	-2711 May 24 j 09:06	17°♉53'28	
	-2711 May 30 j 15:48	0°♊	
	-2711 Jun 18 j 23:05	0°♋	
desc. node	-2711 Jun 21 j 03:37	2°♋40'16	
evening max el	-2711 Jun 26 j 14:26	8°♋31'27	27°25'17
retrograde	-2711 Jul 10 j 06:56	15°♋53'37	
evening set	-2711 Jul 17 j 11:08	13°♋15'29	
min. Earth dist.	-2711 Jul 21 j 01:37	10°♋07'11	0.63417 AU
inferior conj	-2711 Jul 23 j 17:45	7°♋24'46	-3°-48'-36
minimum elong	-2711 Jul 23 j 21:42	7°♋14'43	3°47'42
morning rise	-2711 Jul 30 j 10:20	2°♋08'02	
direct	-2711 Aug 02 j 00:02	1°♋36'01	
asc. node	-2711 Aug 06 j 13:45	3°♋17'34	
morning max el	-2711 Aug 08 j 13:36	5°♋00'39	17°56'19
	-2711 Aug 24 j 19:00	0°♌	
morning set	-2711 Aug 25 j 07:24	0°♌54'10	
superior conj	-2711 Sep 06 j 11:53	21°♌43'46	1°05'10
minimum elong	-2711 Sep 06 j 17:26	22°♌06'45	1°04'35
	-2711 Sep 11 j 13:13	0°♍	
max. Earth dist.	-2711 Sep 12 j 16:16	1°♍49'01	1.43762 AU
desc. node	-2711 Sep 17 j 03:02	8°♍53'39	
evening rise	-2711 Sep 22 j 07:53	17°♍00'48	
	-2711 Sep 30 j 20:17	0°♎	
greatest brilliancy	-2711 Oct 15 j 07:46	20°♎46'11	-0.5m
evening max el	-2711 Oct 21 j 02:34	27°♎38'23	20°47'56
	-2711 Oct 23 j 15:54	0°♏	
retrograde	-2711 Oct 29 j 08:37	2°♏31'23	
evening set	-2711 Nov 02 j 05:11	1°♏06'16	
asc. node	-2711 Nov 02 j 12:50	0°♏51'32	
	-2711 Nov 03 j 12:04	30°℞♎	
inferior conj	-2711 Nov 07 j 15:59	24°♎54'30	1°41'57
minimum elong	-2711 Nov 07 j 13:48	25°♎01'54	1°41'05
min. Earth dist.	-2711 Nov 08 j 04:47	24°♎10'51	0.67094 AU
morning rise	-2711 Nov 12 j 22:00	18°♎37'56	
direct	-2711 Nov 18 j 06:30	16°♎19'32	
morning max el	-2711 Nov 29 j 07:08	22°♎54'02	24°11'11
	-2711 Dec 05 j 13:20	0°♏	
desc. node	-2711 Dec 14 j 02:33	11°♏24'20	
	-2711 Dec 26 j 10:44	0°♐	
morning set	-2710 Jan 04 j 00:04	14°♐12'21	
max. Earth dist.	-2710 Jan 07 j 20:53	21°♐00'54	1.38167 AU
	-2710 Jan 12 j 18:21	0°♑	
superior conj	-2710 Jan 14 j 22:24	4°♑06'38	-1°-49'-57
minimum elong	-2710 Jan 15 j 01:02	4°♑19'09	1°49'53
evening rise	-2710 Jan 23 j 18:03	21°♑22'05	
	-2710 Jan 28 j 05:13	0°♒	
asc. node	-2710 Jan 29 j 12:04	2°♒22'56	
evening max el	-2710 Feb 09 j 08:10	18°♒06'52	18°59'16
retrograde	-2710 Feb 17 j 19:30	22°♒11'09	
evening set	-2710 Feb 20 j 03:44	21°♒53'45	
inferior conj	-2710 Feb 28 j 03:22	17°♒37'37	2°57'21
minimum elong	-2710 Feb 28 j 08:02	17°♒29'19	2°56'13
min. Earth dist.	-2710 Mar 03 j 07:14	15°♒24'16	0.57194 AU
morning rise	-2710 Mar 08 j 08:25	12°♒34'22	
desc. node	-2710 Mar 12 j 01:39	11°♒33'54	
direct	-2710 Mar 13 j 15:09	11°♒28'00	
morning max el	-2710 Mar 27 j 21:31	18°♒50'47	25°40'05
	-2710 Apr 06 j 06:00	0°♓	
	-2710 Apr 23 j 08:23	0°♈	
morning set	-2710 Apr 24 j 08:03	2°♈03'26	
asc. node	-2710 Apr 27 j 11:29	8°♈45'57	
superior conj	-2710 May 01 j 09:02	17°♈15'31	0°39'55
minimum elong	-2710 May 01 j 07:22	17°♈06'24	0°39'36
max. Earth dist.	-2710 May 02 j 04:29	19°♈01'35	1.32758 AU
	-2710 May 07 j 07:19	0°♉	
evening rise	-2710 May 08 j 12:36	2°♉32'13	
	-2710 May 23 j 13:01	0°♊	
desc. node	-2710 Jun 08 j 00:39	20°♊13'02	
evening max el	-2710 Jun 08 j 20:54	21°♊02'22	27°08'53
retrograde	-2710 Jun 22 j 19:08	28°♊23'16	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening set	-2710 Jun 29 j 19:21	26°♊07'29		
min. Earth dist.	-2710 Jul 03 j 10:35	23°♊21'41	0.61556 AU	
inferior conj	-2710 Jul 06 j 14:29	20°♊31'46	-4°-17'-43	
minimum elong	-2710 Jul 06 j 17:08	20°♊25'47	4°17'22	
morning rise	-2710 Jul 13 j 17:44	15°♊35'55		
direct	-2710 Jul 16 j 05:27	15°♊09'51		
morning max el	-2710 Jul 23 j 03:37	18°♊36'51	17°59'32	
asc. node	-2710 Jul 24 j 10:48	19°♊58'38		
	-2710 Jul 31 j 10:00	0°♋		
morning set	-2710 Aug 08 j 03:42	13°♋46'53		
	-2710 Aug 17 j 03:18	0°♌		
superior conj	-2710 Aug 18 j 16:31	2°♌43'02	1°32'16	
minimum elong	-2710 Aug 18 j 20:53	3°♌02'03	1°31'58	
max. Earth dist.	-2710 Aug 26 j 03:02	15°♌20'34	1.42280 AU	
evening rise	-2710 Sep 01 j 17:44	26°♌02'06		
desc. node	-2710 Sep 04 j 00:01	29°♌35'29		
	-2710 Sep 04 j 06:18	0°♍		
	-2710 Sep 24 j 17:57	0°♎		
greatest brilliancy	-2710 Sep 29 j 03:24	5°♎39'51	-0.4m	
evening max el	-2710 Oct 03 j 21:59	11°♎04'30	22°01'48	
retrograde	-2710 Oct 13 j 04:38	16°♎35'29		
evening set	-2710 Oct 17 j 13:10	14°♎52'35		
asc. node	-2710 Oct 20 j 09:54	11°♎55'00		
inferior conj	-2710 Oct 22 j 22:12	8°♎34'02	0°51'24	
minimum elong	-2710 Oct 22 j 21:02	8°♎38'05	0°50'55	
min. Earth dist.	-2710 Oct 23 j 00:19	8°♎26'42	0.67439 AU	
morning rise	-2710 Oct 28 j 04:42	2°♎17'52		
direct	-2710 Nov 01 j 21:56	0°♎21'08		
morning max el	-2710 Nov 11 j 17:37	6°♎11'56	22°44'11	
greatest brilliancy	-2710 Nov 16 j 11:01	11°♎30'17	-0.3m	
	-2710 Nov 30 j 01:04	0°♏		
desc. node	-2710 Nov 30 j 23:34	1°♏22'45		
morning set	-2710 Dec 15 j 16:49	24°♏17'44		
	-2710 Dec 19 j 03:08	0°♐		
max. Earth dist.	-2710 Dec 20 j 16:53	2°♐40'01	1.40256 AU	
superior conj	-2710 Dec 28 j 11:24	16°♐21'07	-1°-57'-6	
minimum elong	-2710 Dec 28 j 11:46	16°♐22'48	1°57'12	
	-2709 Jan 04 j 19:29	0°♑		
evening rise	-2709 Jan 07 j 07:38	4°♑45'17		
asc. node	-2709 Jan 16 j 09:06	21°♑10'44		
	-2709 Jan 22 j 19:00	0°♒		
evening max el	-2709 Jan 23 j 12:38	0°♒44'43	18°23'59	
retrograde	-2709 Jan 30 j 21:41	4°♒22'56		
evening set	-2709 Feb 02 j 09:27	3°♒59'15		
	-2709 Feb 08 j 22:29	30°℞♑		
inferior conj	-2709 Feb 09 j 16:44	29°♑22'40	3°44'00	
minimum elong	-2709 Feb 09 j 19:24	29°♑17'08	3°43'37	
min. Earth dist.	-2709 Feb 13 j 02:30	26°♑35'23	0.59107 AU	
morning rise	-2709 Feb 17 j 01:50	23°♑54'23		
direct	-2709 Feb 23 j 09:33	22°♑09'21		
desc. node	-2709 Feb 26 j 22:44	22°♑41'23		
morning max el	-2709 Mar 09 j 16:16	29°♑47'12	26°54'06	
	-2709 Mar 09 j 21:30	0°♒		
	-2709 Mar 31 j 01:30	0°♓		
morning set	-2709 Apr 08 j 18:17	16°♓58'15		
asc. node	-2709 Apr 14 j 08:30	28°♓57'49		
	-2709 Apr 14 j 19:52	0°♈		
superior conj	-2709 Apr 15 j 20:45	2°♈16'14	0°15'51	
minimum elong	-2709 Apr 15 j 20:03	2°♈12'23	0°15'41	
behind sun begin	-2709 Apr 15 j 19:32	2°♈09'36		
behind sun end	-2709 Apr 15 j 20:33	2°♈15'10		
max. Earth dist.	-2709 Apr 15 j 17:29	1°♈58'19	1.32500 AU	
evening rise	-2709 Apr 22 j 20:51	17°♈23'29		
	-2709 Apr 29 j 04:27	0°♉		
	-2709 May 19 j 02:42	0°♊		
evening max el	-2709 May 21 j 21:31	2°♊51'13	26°20'03	
desc. node	-2709 May 25 j 21:42	6°♊14'45		
retrograde	-2709 Jun 04 j 23:17	10°♊08'22		
evening set	-2709 Jun 11 j 07:34	8°♊27'34		
min. Earth dist.	-2709 Jun 15 j 10:37	5°♊47'45	0.59512 AU	
inferior conj	-2709 Jun 18 j 19:28	3°♊10'08	-4°-27'-20	
minimum elong	-2709 Jun 18 j 19:12	3°♊10'40	4°27'17	
	-2709 Jun 23 j 06:54	30°℞♉		
morning rise	-2709 Jun 26 j 10:25	28°♉36'27		
direct	-2709 Jun 28 j 21:47	28°♉14'44		
	-2709 Jul 04 j 04:36	0°♊		
morning max el	-2709 Jul 06 j 13:26	1°♊55'05	18°22'17	
asc. node	-2709 Jul 11 j 07:51	7°♊39'51		
morning set	-2709 Jul 22 j 14:12	27°♊21'50		
	-2709 Jul 23 j 23:20	0°♋		
superior conj	-2709 Jul 31 j 21:33	14°♋55'19	1°45'52	
minimum elong	-2709 Jul 31 j 23:24	15°♋03'48	1°45'52	
max. Earth dist.	-2709 Aug 08 j 08:05	28°♋09'43	1.40428 AU	
	-2709 Aug 09 j 09:49	0°♌		
evening rise	-2709 Aug 13 j 00:06	6°♌02'10		
desc. node	-2709 Aug 21 j 21:00	20°♌10'24		
	-2709 Aug 28 j 10:28	0°♍		
evening max el	-2709 Sep 16 j 12:22	24°♍32'15	23°21'46	
	-2709 Sep 23 j 19:04	0°♎		
retrograde	-2709 Sep 26 j 21:47	0°♎41'05		
	-2709 Sep 29 j 19:20	30°℞♍		
evening set	-2709 Oct 01 j 20:10	28°♍39'06		
inferior conj	-2709 Oct 07 j 04:58	22°♍17'34	0°-1'-42	
minimum elong	-2709 Oct 07 j 05:00	22°♍17'26	0°01'42	
transit middle	-2709 Oct 07 j 05:00	22°♍17'26	0°01'42	
transit begin	-2709 Oct 07 j 02:19	22°♍26'40		
transit end	-2709 Oct 07 j 07:41	22°♍08'12		
min. Earth dist.	-2709 Oct 06 j 20:53	22°♍45'18	0.67477 AU	
asc. node	-2709 Oct 07 j 06:58	22°♍10'42		
morning rise	-2709 Oct 12 j 13:52	16°♍04'48		
direct	-2709 Oct 16 j 17:02	14°♍29'39		
morning max el	-2709 Oct 25 j 09:08	19°♍36'15	21°21'38	
greatest brilliancy	-2709 Oct 30 j 15:34	25°♍41'30	-0.4m	
	-2709 Nov 02 j 22:23	0°♎		
desc. node	-2709 Nov 17 j 20:34	21°♎39'54		
	-2709 Nov 23 j 06:29	0°♏		
morning set	-2709 Nov 25 j 05:31	3°♏04'17		
max. Earth dist.	-2709 Dec 02 j 18:51	15°♏13'01	1.42210 AU	
superior conj	-2709 Dec 10 j 02:34	27°♏31'06	-1°-52'-2	
minimum elong	-2709 Dec 09 j 23:08	27°♏16'23	1°51'57	
	-2709 Dec 11 j 13:02	0°♐		
evening rise	-2709 Dec 21 j 08:21	17°♐28'42		
	-2709 Dec 28 j 08:24	0°♑		
asc. node	-2708 Jan 03 j 06:08	9°♑20'18		
evening max el	-2708 Jan 06 j 22:35	13°♑45'13	18°08'38	
retrograde	-2708 Jan 13 j 16:28	17°♑12'32		
evening set	-2708 Jan 16 j 07:35	16°♑41'20		
inferior conj	-2708 Jan 23 j 01:16	11°♑42'40	3°59'05	
minimum elong	-2708 Jan 23 j 01:20	11°♑42'30	3°59'00	
min. Earth dist.	-2708 Jan 26 j 04:07	8°♑45'57	0.61158 AU	
morning rise	-2708 Jan 29 j 16:32	5°♑57'17		
direct	-2708 Feb 05 j 14:32	3°♑37'01		
desc. node	-2708 Feb 13 j 19:49	6°♑29'19		
morning max el	-2708 Feb 19 j 17:05	11°♑21'26	27°36'16	
	-2708 Mar 05 j 08:59	0°♒		
	-2708 Mar 22 j 05:22	0°♓		
morning set	-2708 Mar 23 j 00:55	1°♓39'58		
max. Earth dist.	-2708 Mar 29 j 05:41	14°♓49'39	1.32598 AU	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2708 Mar 30 j 07:54	17°♓12'23	0°-9'-28
minimum elong	-2708 Mar 30 j 08:20	17°♓14'44	0°09'24
behind sun begin	-2708 Mar 30 j 04:14	16°♓52'22	
behind sun end	-2708 Mar 30 j 12:26	17°♓37'07	
asc. node	-2708 Mar 31 j 05:31	19°♓10'27	
	-2708 Apr 05 j 05:21	0°♈	
evening rise	-2708 Apr 06 j 07:46	2°♈20'06	
	-2708 Apr 21 j 10:18	0°♉	
evening max el	-2708 May 02 j 16:02	13°♉59'00	25°03'48
desc. node	-2708 May 11 j 18:46	20°♉10'48	
retrograde	-2708 May 16 j 16:48	21°♉06'50	
evening set	-2708 May 21 j 21:29	20°♉04'45	
min. Earth dist.	-2708 May 27 j 04:08	17°♉14'14	0.57546 AU
inferior conj	-2708 May 30 j 05:24	15°♉10'36	-4°-7'00
minimum elong	-2708 May 30 j 01:14	15°♉17'42	4°06'24
morning rise	-2708 Jun 07 j 08:59	10°♉57'50	
direct	-2708 Jun 09 j 21:02	10°♉39'21	
morning max el	-2708 Jun 18 j 16:08	14°♉46'01	19°05'30
asc. node	-2708 Jun 27 j 04:54	26°♉07'37	
	-2708 Jun 29 j 10:21	0°♊	
morning set	-2708 Jul 05 j 10:53	11°♊28'43	
superior conj	-2708 Jul 13 j 21:19	28°♊04'50	1°48'25
minimum elong	-2708 Jul 13 j 20:55	28°♊02'55	1°48'30
	-2708 Jul 14 j 21:19	0°♋	
max. Earth dist.	-2708 Jul 20 j 10:25	10°♋20'01	1.38456 AU
evening rise	-2708 Jul 24 j 08:20	17°♋16'59	
	-2708 Jul 31 j 22:47	0°♌	
desc. node	-2708 Aug 07 j 17:59	10°♌33'48	
	-2708 Aug 21 j 20:12	0°♍	
evening max el	-2708 Aug 28 j 23:58	8°♍03'13	24°41'16
retrograde	-2708 Sep 09 j 11:02	14°♍44'28	
evening set	-2708 Sep 15 j 00:26	12°♍23'43	
min. Earth dist.	-2708 Sep 19 j 15:55	7°♍04'47	0.67213 AU
inferior conj	-2708 Sep 20 j 10:31	6°♍02'49	0°-55'-52
minimum elong	-2708 Sep 20 j 11:51	5°♍58'21	0°55'17
asc. node	-2708 Sep 23 j 04:03	2°♍35'16	
morning rise	-2708 Sep 25 j 23:37	29°♌56'38	
	-2708 Sep 25 j 21:43	30°℞♌	
direct	-2708 Sep 29 j 14:30	28°♌41'07	
	-2708 Oct 03 j 13:29	0°♍	
morning max el	-2708 Oct 07 j 07:53	3°♍09'32	20°09'22
greatest brilliancy	-2708 Oct 14 j 08:52	11°♍46'19	-0.6m
	-2708 Oct 26 j 19:23	0°♎	
morning set	-2708 Nov 03 j 03:12	11°♎14'10	
desc. node	-2708 Nov 03 j 17:31	12°♎09'40	
max. Earth dist.	-2708 Nov 14 j 04:48	28°♎38'04	1.43749 AU
	-2708 Nov 15 j 01:14	0°♏	
superior conj	-2708 Nov 19 j 14:56	7°♏24'36	-1°-30'-49
minimum elong	-2708 Nov 19 j 07:56	6°♏55'58	1°30'14
evening rise	-2708 Dec 02 j 15:53	29°♏23'02	
	-2708 Dec 03 j 00:27	0°♐	
asc. node	-2708 Dec 20 j 03:12	26°♐39'27	
evening max el	-2708 Dec 20 j 10:59	26°♐59'30	18°12'39
	-2708 Dec 24 j 14:52	0°♑	
retrograde	-2708 Dec 26 j 23:35	0°♑28'56	
	-2708 Dec 29 j 08:24	30°℞♐	
evening set	-2708 Dec 29 j 18:17	29°♐49'14	
inferior conj	-2707 Jan 05 j 01:17	24°♐29'32	3°51'09
minimum elong	-2707 Jan 04 j 23:24	24°♐34'33	3°50'52
min. Earth dist.	-2707 Jan 07 j 14:44	21°♐45'14	0.63057 AU
morning rise	-2707 Jan 11 j 02:47	18°♐32'07	
direct	-2707 Jan 18 j 03:44	15°♐49'12	
desc. node	-2707 Jan 30 j 16:52	22°♐22'20	
morning max el	-2707 Jan 31 j 23:25	23°♐35'30	27°42'06
	-2707 Feb 06 j 18:12	0°♑	
	-2707 Feb 26 j 14:57	0°♒	
morning set	-2707 Mar 07 j 01:42	16°♒00'45	
max. Earth dist.	-2707 Mar 12 j 13:19	27°♒22'25	1.33066 AU
	-2707 Mar 13 j 18:50	0°♓	
superior conj	-2707 Mar 14 j 16:46	1°♓57'53	0°-35'-7
minimum elong	-2707 Mar 14 j 18:22	2°♓06'30	0°34'49
asc. node	-2707 Mar 18 j 02:34	9°♓19'45	
evening rise	-2707 Mar 21 j 19:30	17°♓15'11	
	-2707 Mar 28 j 04:08	0°♈	
evening max el	-2707 Apr 14 j 07:30	24°♈41'24	23°31'42
	-2707 Apr 21 j 16:29	0°♉	
retrograde	-2707 Apr 27 j 21:54	1°♉27'47	
desc. node	-2707 Apr 28 j 15:51	1°♉26'31	
evening set	-2707 May 01 j 17:41	0°♉55'39	
	-2707 May 04 j 08:17	30°℞♈	
min. Earth dist.	-2707 May 08 j 18:17	27°♈41'27	0.55991 AU
inferior conj	-2707 May 10 j 19:20	26°♈28'15	-3°-6'-37
minimum elong	-2707 May 10 j 12:58	26°♈37'48	3°04'58
morning rise	-2707 May 19 j 11:43	22°♈30'18	
direct	-2707 May 22 j 01:23	22°♈13'51	
morning max el	-2707 Jun 01 j 09:17	27°♈01'11	20°09'22
	-2707 Jun 04 j 05:20	0°♉	
asc. node	-2707 Jun 14 j 01:57	15°♉11'01	
morning set	-2707 Jun 19 j 14:43	25°♉59'37	
	-2707 Jun 21 j 13:54	0°♊	
superior conj	-2707 Jun 27 j 10:42	11°♊57'22	1°42'32
minimum elong	-2707 Jun 27 j 08:50	11°♊48'00	1°42'30
max. Earth dist.	-2707 Jul 02 j 15:20	22°♊09'35	1.36604 AU
evening rise	-2707 Jul 06 j 15:45	29°♊40'46	
	-2707 Jul 06 j 19:57	0°♋	
	-2707 Jul 25 j 03:56	0°♌	
desc. node	-2707 Jul 25 j 15:01	0°♌40'09	
evening max el	-2707 Aug 11 j 10:58	21°♌36'43	25°52'40
retrograde	-2707 Aug 23 j 19:47	28°♌41'35	
evening set	-2707 Aug 30 j 00:07	26°♌05'00	
min. Earth dist.	-2707 Sep 03 j 07:06	21°♌23'26	0.66620 AU
inferior conj	-2707 Sep 04 j 13:07	19°♌48'15	-1°-49'-21
minimum elong	-2707 Sep 04 j 15:43	19°♌40'00	1°48'19
morning rise	-2707 Sep 10 j 08:03	13°♌51'48	
asc. node	-2707 Sep 10 j 01:07	14°♌02'53	
direct	-2707 Sep 13 j 12:48	12°♌52'48	
morning max el	-2707 Sep 20 j 13:54	16°♌52'14	19°10'59
	-2707 Sep 30 j 12:35	0°♍	
morning set	-2707 Oct 13 j 09:52	19°♍57'38	
	-2707 Oct 19 j 19:35	0°♎	
desc. node	-2707 Oct 21 j 14:31	2°♎48'25	
max. Earth dist.	-2707 Oct 27 j 20:37	12°♎38'42	1.44675 AU
superior conj	-2707 Oct 30 j 01:51	16°♎09'15	0°-52'-33
minimum elong	-2707 Oct 29 j 19:33	15°♎44'15	0°51'50
	-2707 Nov 07 j 17:34	0°♏	
evening rise	-2707 Nov 14 j 01:51	10°♏20'39	
	-2707 Nov 26 j 04:46	0°♐	
evening max el	-2707 Dec 03 j 23:09	10°♐21'44	18°35'09
asc. node	-2707 Dec 07 j 00:16	12°♐54'26	
retrograde	-2707 Dec 10 j 14:44	14°♐03'57	
evening set	-2707 Dec 13 j 14:09	13°♐14'27	
inferior conj	-2707 Dec 19 j 12:58	7°♐36'11	3°27'11
minimum elong	-2707 Dec 19 j 10:06	7°♐44'37	3°26'32
min. Earth dist.	-2707 Dec 21 j 11:25	5°♐18'55	0.64649 AU
morning rise	-2707 Dec 25 j 04:52	1°♐30'02	
	-2707 Dec 27 j 07:11	30°℞♏	
direct	-2706 Jan 01 j 00:02	28°♏39'20	
	-2706 Jan 06 j 02:53	0°♐	
morning max el	-2706 Jan 14 j 08:49	6°♐21'19	27°13'21

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

desc. node	-2706 Jan 17 j 13:56	9°♐46'02	
	-2706 Feb 01 j 14:03	0°♑	
morning set	-2706 Feb 18 j 17:42	29°♑51'01	
	-2706 Feb 18 j 19:33	0°♒	
max. Earth dist.	-2706 Feb 23 j 12:20	9°♒24'13	1.33943 AU
superior conj	-2706 Feb 26 j 21:27	16°♒26'16	-1°00'-3
minimum elong	-2706 Feb 27 j 00:05	16°♒40'10	0°59'38
asc. node	-2706 Mar 04 j 23:36	29°♒21'17	
	-2706 Mar 05 j 06:57	0°♓	
evening rise	-2706 Mar 06 j 06:16	2°♓02'09	
	-2706 Mar 22 j 06:18	0°♈	
evening max el	-2706 Mar 27 j 02:11	5°♈25'50	21°58'09
retrograde	-2706 Apr 08 j 15:46	11°♈32'34	
evening set	-2706 Apr 11 j 09:26	11°♈15'53	
desc. node	-2706 Apr 15 j 12:57	9°♈54'01	
inferior conj	-2706 Apr 20 j 18:02	7°♈10'30	-1°-26'-38
minimum elong	-2706 Apr 20 j 14:05	7°♈16'04	1°25'19
min. Earth dist.	-2706 Apr 20 j 07:53	7°♈24'46	0.55172 AU
morning rise	-2706 Apr 29 j 20:02	3°♈12'57	
direct	-2706 May 02 j 15:16	2°♈55'26	
morning max el	-2706 May 14 j 15:35	8°♈34'49	21°32'03
	-2706 May 29 j 13:01	0°♉	
asc. node	-2706 May 31 j 23:00	4°♉40'34	
morning set	-2706 Jun 03 j 23:13	10°♉46'43	
superior conj	-2706 Jun 11 j 09:32	26°♉19'51	1°30'19
minimum elong	-2706 Jun 11 j 06:59	26°♉06'39	1°30'05
	-2706 Jun 13 j 04:08	0°♊	
max. Earth dist.	-2706 Jun 15 j 03:48	4°♊02'22	1.35050 AU
evening rise	-2706 Jun 19 j 17:05	12°♊58'59	
	-2706 Jun 29 j 04:27	0°♋	
desc. node	-2706 Jul 12 j 12:04	20°♋20'49	
	-2706 Jul 20 j 03:04	0°♌	
evening max el	-2706 Jul 24 j 22:18	5°♌06'29	26°48'09
retrograde	-2706 Aug 06 j 23:39	12°♌24'53	
evening set	-2706 Aug 13 j 16:55	9°♌39'08	
min. Earth dist.	-2706 Aug 17 j 16:04	5°♌35'58	0.65665 AU
inferior conj	-2706 Aug 19 j 10:45	3°♌29'49	-2°-40'-17
minimum elong	-2706 Aug 19 j 14:22	3°♌19'07	2°39'02
	-2706 Aug 22 j 14:50	30°℞♋	
morning rise	-2706 Aug 25 j 13:00	27°♋46'16	
asc. node	-2706 Aug 27 j 22:12	27°♋01'39	
direct	-2706 Aug 28 j 09:58	27°♋00'18	
	-2706 Sep 03 j 09:06	0°♌	
morning max el	-2706 Sep 04 j 01:26	0°♌39'49	18°28'25
morning set	-2706 Sep 23 j 17:43	29°♌56'26	
	-2706 Sep 23 j 18:36	0°♍	
desc. node	-2706 Oct 08 j 11:32	23°♍32'14	
superior conj	-2706 Oct 09 j 01:36	24°♍27'46	0°-3'-46
minimum elong	-2706 Oct 09 j 01:06	24°♍25'47	0°03'42
behind sun begin	-2706 Oct 08 j 14:02	23°♍42'08	
behind sun end	-2706 Oct 09 j 12:10	25°♍09'26	
max. Earth dist.	-2706 Oct 10 j 14:39	26°♍53'45	1.44879 AU
	-2706 Oct 12 j 13:59	0°♎	
evening rise	-2706 Oct 25 j 11:20	20°♎16'12	
	-2706 Oct 31 j 15:31	0°♏	
greatest brilliancy	-2706 Nov 06 j 22:28	9°♏46'06	-0.7m
evening max el	-2706 Nov 17 j 08:39	23°♏47'56	19°14'58
asc. node	-2706 Nov 23 j 21:18	27°♏50'11	
retrograde	-2706 Nov 24 j 10:21	27°♏51'51	
evening set	-2706 Nov 27 j 16:15	26°♏50'33	
inferior conj	-2706 Dec 03 j 09:01	20°♏56'50	2°52'07
minimum elong	-2706 Dec 03 j 05:59	21°♏06'29	2°51'12
min. Earth dist.	-2706 Dec 04 j 17:17	19°♏14'07	0.65878 AU
morning rise	-2706 Dec 08 j 18:51	14°♏44'39	
direct	-2706 Dec 15 j 02:41	11°♏59'24	
morning max el	-2706 Dec 27 j 18:29	19°♏25'54	26°16'20
desc. node	-2705 Jan 04 j 10:59	28°♏13'58	
	-2705 Jan 05 j 20:00	0°♐	
	-2705 Jan 25 j 15:06	0°♑	
morning set	-2705 Feb 01 j 21:00	12°♑58'43	
max. Earth dist.	-2705 Feb 05 j 23:44	20°♑50'46	1.35264 AU
superior conj	-2705 Feb 10 j 19:36	0°♒30'30	-1°-22'-54
minimum elong	-2705 Feb 10 j 22:54	0°♒47'19	1°22'31
	-2705 Feb 10 j 13:38	0°♒	
evening rise	-2705 Feb 18 j 14:09	16°♒34'46	
asc. node	-2705 Feb 19 j 20:39	19°♒10'26	
	-2705 Feb 25 j 10:59	0°♓	
evening max el	-2705 Mar 09 j 05:52	16°♓37'34	20°34'58
retrograde	-2705 Mar 20 j 05:28	21°♓52'05	
evening set	-2705 Mar 22 j 12:00	21°♓39'32	
inferior conj	-2705 Mar 31 j 13:36	17°♓41'59	0°31'00
minimum elong	-2705 Mar 31 j 15:01	17°♓39'56	0°30'29
min. Earth dist.	-2705 Apr 01 j 22:07	16°♓54'47	0.55285 AU
desc. node	-2705 Apr 02 j 10:01	16°♓37'43	
morning rise	-2705 Apr 09 j 16:10	13°♓26'03	
direct	-2705 Apr 13 j 03:37	12°♓59'44	
morning max el	-2705 Apr 26 j 12:15	19°♓30'45	23°08'03
	-2705 May 05 j 05:08	0°♈	
asc. node	-2705 May 18 j 20:04	24°♈29'25	
morning set	-2705 May 19 j 10:24	25°♈44'04	
	-2705 May 21 j 10:54	0°♉	
superior conj	-2705 May 26 j 14:45	11°♉02'51	1°13'21
minimum elong	-2705 May 26 j 12:11	10°♉49'09	1°13'00
max. Earth dist.	-2705 May 29 j 02:07	16°♉17'11	1.33874 AU
evening rise	-2705 Jun 03 j 07:31	26°♉57'54	
	-2705 Jun 04 j 20:40	0°♊	
	-2705 Jun 22 j 11:41	0°♋	
desc. node	-2705 Jun 29 j 09:06	9°♋24'50	
evening max el	-2705 Jul 07 j 09:32	18°♋23'34	27°20'06
retrograde	-2705 Jul 20 j 22:01	25°♋46'16	
evening set	-2705 Jul 27 j 23:57	23°♋01'46	
min. Earth dist.	-2705 Jul 31 j 16:46	19°♋34'59	0.64337 AU
inferior conj	-2705 Aug 03 j 01:01	17°♋03'12	-3°-26'-4
minimum elong	-2705 Aug 03 j 05:07	16°♋52'08	3°24'56
morning rise	-2705 Aug 09 j 12:00	11°♋35'36	
direct	-2705 Aug 12 j 03:36	10°♋59'21	
asc. node	-2705 Aug 14 j 19:17	11°♋35'42	
morning max el	-2705 Aug 18 j 16:00	14°♋27'20	18°02'51
	-2705 Aug 29 j 13:30	0°♌	
morning set	-2705 Sep 05 j 04:57	11°♌14'01	
	-2705 Sep 16 j 10:41	0°♍	
superior conj	-2705 Sep 18 j 12:33	3°♍22'41	0°43'08
minimum elong	-2705 Sep 18 j 17:11	3°♍41'25	0°42'35
max. Earth dist.	-2705 Sep 23 j 08:00	11°♍05'34	1.44359 AU
desc. node	-2705 Sep 25 j 08:31	14°♍17'48	
evening rise	-2705 Oct 04 j 23:33	29°♍19'00	
	-2705 Oct 05 j 10:11	0°♎	
greatest brilliancy	-2705 Oct 24 j 17:29	28°♎49'56	-0.6m
	-2705 Oct 25 j 14:05	0°♏	
evening max el	-2705 Oct 31 j 13:31	7°♏15'06	20°10'16
retrograde	-2705 Nov 08 j 07:36	11°♏48'11	
asc. node	-2705 Nov 10 j 18:22	11°♏13'32	
evening set	-2705 Nov 11 j 22:10	10°♏32'35	
inferior conj	-2705 Nov 17 j 10:41	4°♏26'40	2°09'15
minimum elong	-2705 Nov 17 j 08:04	4°♏35'24	2°08'17
min. Earth dist.	-2705 Nov 18 j 06:14	3°♏21'15	0.66748 AU
	-2705 Nov 20 j 22:27	30°℞♎	
morning rise	-2705 Nov 22 j 17:23	28°♎11'00	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

direct	-2705 Nov 28 j 10:52	25°♎40'52	
	-2705 Dec 07 j 07:39	0°♏	
morning max el	-2705 Dec 10 j 03:05	2°♏37'42	24°59'56
desc. node	-2705 Dec 22 j 08:00	17°♏26'40	
	-2705 Dec 31 j 00:17	0°♐	
morning set	-2704 Jan 15 j 06:15	25°♐07'23	
	-2704 Jan 17 j 23:03	0°♑	
max. Earth dist.	-2704 Jan 19 j 00:00	1°♑54'48	1.37018 AU
superior conj	-2704 Jan 25 j 08:09	14°♑00'52	-1°-41'-49
minimum elong	-2704 Jan 25 j 11:21	14°♑16'34	1°41'37
	-2704 Feb 02 j 07:53	0°♒	
evening rise	-2704 Feb 02 j 16:59	0°♒45'38	
asc. node	-2704 Feb 06 j 17:40	8°♒41'00	
evening max el	-2704 Feb 19 j 20:21	28°♒25'13	19°28'37
	-2704 Feb 21 j 16:20	0°♓	
retrograde	-2704 Feb 29 j 03:22	2°♓50'48	
evening set	-2704 Mar 02 j 09:59	2°♓36'05	
	-2704 Mar 08 j 10:38	30°℞♒	
inferior conj	-2704 Mar 10 j 19:48	28°♒29'59	2°13'36
minimum elong	-2704 Mar 11 j 00:27	28°♒22'25	2°12'14
min. Earth dist.	-2704 Mar 13 j 12:51	26°♒44'55	0.56302 AU
morning rise	-2704 Mar 19 j 11:14	23°♒44'29	
desc. node	-2704 Mar 19 j 07:06	23°♒48'04	
direct	-2704 Mar 24 j 01:36	22°♒56'29	
morning max el	-2704 Apr 07 j 03:22	0°♓04'51	24°47'11
	-2704 Apr 07 j 01:20	0°♓	
	-2704 Apr 27 j 14:37	0°♈	
morning set	-2704 May 02 j 22:33	10°♈45'27	
asc. node	-2704 May 04 j 17:07	14°♈31'09	
superior conj	-2704 May 09 j 23:58	25°♈58'01	0°52'53
minimum elong	-2704 May 09 j 21:52	25°♈46'35	0°52'31
max. Earth dist.	-2704 May 11 j 08:57	28°♈56'30	1.33070 AU
	-2704 May 11 j 20:44	0°♉	
evening rise	-2704 May 17 j 07:09	11°♉25'05	
	-2704 May 27 j 02:37	0°♊	
desc. node	-2704 Jun 15 j 06:08	27°♊36'54	
	-2704 Jun 17 j 12:00	0°♋	
evening max el	-2704 Jun 18 j 18:41	1°♋15'32	27°22'28
retrograde	-2704 Jul 02 j 14:03	8°♋37'02	
evening set	-2704 Jul 09 j 17:41	6°♋07'04	
min. Earth dist.	-2704 Jul 13 j 07:42	3°♋09'41	0.62654 AU
inferior conj	-2704 Jul 16 j 05:08	0°♋22'20	-4°-2'-51
minimum elong	-2704 Jul 16 j 08:43	0°♋13'38	4°02'11
	-2704 Jul 16 j 14:22	30°℞♊	
morning rise	-2704 Jul 23 j 02:04	25°♊13'53	
direct	-2704 Jul 25 j 14:41	24°♊44'36	
asc. node	-2704 Jul 31 j 16:22	27°♊34'48	
morning max el	-2704 Aug 01 j 06:57	28°♊09'17	17°55'20
	-2704 Aug 02 j 23:46	0°♋	
morning set	-2704 Aug 17 j 14:53	23°♋36'57	
	-2704 Aug 21 j 05:07	0°♌	
superior conj	-2704 Aug 29 j 01:10	13°♌34'14	1°18'27
minimum elong	-2704 Aug 29 j 06:32	13°♌56'56	1°17'56
max. Earth dist.	-2704 Sep 04 j 22:08	24°♌57'55	1.43189 AU
	-2704 Sep 08 j 01:11	0°♍	
desc. node	-2704 Sep 11 j 05:30	5°♍02'12	
evening rise	-2704 Sep 13 j 04:39	8°♍06'32	
	-2704 Sep 27 j 17:01	0°♎	
greatest brilliancy	-2704 Oct 08 j 07:44	14°♎40'08	-0.4m
evening max el	-2704 Oct 13 j 12:32	20°♎42'12	21°18'22
retrograde	-2704 Oct 22 j 04:28	25°♎50'32	
evening set	-2704 Oct 26 j 05:55	24°♎18'06	
asc. node	-2704 Oct 27 j 15:25	23°♎03'26	
inferior conj	-2704 Oct 31 j 15:47	18°♎03'17	1°20'58
minimum elong	-2704 Oct 31 j 14:00	18°♎09'24	1°20'14
min. Earth dist.	-2704 Oct 31 j 23:58	17°♎35'08	0.67280 AU
morning rise	-2704 Nov 05 j 21:46	11°♎46'45	
direct	-2704 Nov 10 j 23:50	9°♎37'12	
morning max el	-2704 Nov 21 j 11:57	15°♎53'04	23°34'10
	-2704 Dec 03 j 02:07	0°♏	
desc. node	-2704 Dec 08 j 05:01	7°♏11'25	
	-2704 Dec 23 j 00:29	0°♐	
morning set	-2704 Dec 26 j 15:17	6°♐01'03	
max. Earth dist.	-2704 Dec 30 j 19:32	13°♐12'37	1.39061 AU
superior conj	-2703 Jan 07 j 07:11	26°♐47'04	-1°-54'-14
minimum elong	-2703 Jan 07 j 09:04	26°♐55'50	1°54'15
	-2703 Jan 09 j 00:10	0°♑	
evening rise	-2703 Jan 16 j 12:17	14°♑28'36	
asc. node	-2703 Jan 23 j 14:40	27°♑46'41	
	-2703 Jan 24 j 21:43	0°♒	
evening max el	-2703 Feb 01 j 20:24	10°♒46'44	18°41'43
retrograde	-2703 Feb 09 j 18:54	14°♒37'41	
evening set	-2703 Feb 12 j 04:49	14°♒17'39	
inferior conj	-2703 Feb 19 j 21:11	9°♒52'57	3°21'28
minimum elong	-2703 Feb 20 j 01:14	9°♒45'17	3°20'40
min. Earth dist.	-2703 Feb 23 j 05:26	7°♒22'42	0.57982 AU
morning rise	-2703 Feb 27 j 17:52	4°♒38'24	
direct	-2703 Mar 05 j 12:24	3°♒16'06	
desc. node	-2703 Mar 06 j 04:10	3°♒17'11	
morning max el	-2703 Mar 19 j 19:18	10°♒45'33	26°14'47
	-2703 Apr 03 j 14:03	0°♓	
morning set	-2703 Apr 17 j 10:00	25°♓44'48	
	-2703 Apr 19 j 10:09	0°♈	
asc. node	-2703 Apr 21 j 14:07	4°♈40'43	
superior conj	-2703 Apr 24 j 11:16	10°♈58'37	0°29'53
minimum elong	-2703 Apr 24 j 09:59	10°♈51'35	0°29'38
max. Earth dist.	-2703 Apr 24 j 20:56	11°♈51'30	1.32616 AU
evening rise	-2703 May 01 j 12:58	26°♈10'16	
	-2703 May 03 j 09:45	0°♉	
	-2703 May 20 j 17:40	0°♊	
evening max el	-2703 May 31 j 22:59	13°♊29'32	26°51'54
desc. node	-2703 Jun 02 j 03:11	14°♊34'44	
retrograde	-2703 Jun 14 j 22:40	20°♊48'17	
evening set	-2703 Jun 21 j 17:48	18°♊46'21	
min. Earth dist.	-2703 Jun 25 j 12:30	16°♊05'21	0.60698 AU
inferior conj	-2703 Jun 28 j 19:36	13°♊18'20	-4°-24'-46
minimum elong	-2703 Jun 28 j 21:12	13°♊14'54	4°24'37
morning rise	-2703 Jul 06 j 03:41	8°♊31'43	
direct	-2703 Jul 08 j 15:15	8°♊07'30	
morning max el	-2703 Jul 15 j 19:28	11°♊38'29	18°06'48
asc. node	-2703 Jul 18 j 13:26	14°♊43'08	
	-2703 Jul 28 j 01:15	0°♋	
morning set	-2703 Jul 31 j 17:47	6°♋49'11	
superior conj	-2703 Aug 10 j 16:48	25°♋06'09	1°39'34
minimum elong	-2703 Aug 10 j 20:08	25°♋21'00	1°39'26
	-2703 Aug 13 j 11:27	0°♌	
max. Earth dist.	-2703 Aug 18 j 06:56	8°♌14'17	1.41522 AU
evening rise	-2703 Aug 23 j 21:47	17°♌28'37	
desc. node	-2703 Aug 29 j 02:30	25°♌41'36	
	-2703 Aug 31 j 21:40	0°♍	
greatest brilliancy	-2703 Sep 21 j 10:39	28°♍46'16	-0.3m
	-2703 Sep 22 j 11:18	0°♎	
evening max el	-2703 Sep 26 j 05:36	4°♎08'36	22°35'27
retrograde	-2703 Oct 05 j 23:18	9°♎55'37	
evening set	-2703 Oct 10 j 13:40	8°♎04'26	
asc. node	-2703 Oct 14 j 12:29	3°♎40'09	
inferior conj	-2703 Oct 15 j 22:25	1°♎44'14	0°29'07
minimum elong	-2703 Oct 15 j 21:44	1°♎46'34	0°28'48

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

min. Earth dist.	-2703 Oct 15 j 20:06	1°♎52'11	0.67492 AU
	-2703 Oct 17 j 04:53	30°℞♍	
morning rise	-2703 Oct 21 j 05:44	25°♍29'26	
direct	-2703 Oct 25 j 16:48	23°♍42'09	
morning max el	-2703 Nov 04 j 00:15	29°♍13'15	22°08'14
	-2703 Nov 04 j 18:18	0°♎	
greatest brilliancy	-2703 Nov 08 j 17:52	4°♎34'28	-0.4m
desc. node	-2703 Nov 25 j 02:02	27°♎18'31	
	-2703 Nov 26 j 20:57	0°♏	
morning set	-2703 Dec 06 j 19:34	15°♏30'31	
max. Earth dist.	-2703 Dec 12 j 18:05	25°♏15'37	1.41122 AU
	-2703 Dec 15 j 13:15	0°♐	
superior conj	-2703 Dec 20 j 11:35	8°♐35'42	-1°-56'-42
minimum elong	-2703 Dec 20 j 10:29	8°♐30'51	1°56'46
evening rise	-2703 Dec 30 j 20:52	27°♐36'10	
	-2702 Jan 01 j 03:47	0°♑	
asc. node	-2702 Jan 10 j 11:41	16°♑19'38	
evening max el	-2702 Jan 16 j 03:29	23°♑35'10	18°14'59
retrograde	-2702 Jan 23 j 04:52	27°♑07'23	
evening set	-2702 Jan 25 j 18:03	26°♑40'36	
inferior conj	-2702 Feb 01 j 19:08	21°♑54'17	3°53'46
minimum elong	-2702 Feb 01 j 20:40	21°♑50'54	3°53'35
min. Earth dist.	-2702 Feb 05 j 02:57	19°♑00'12	0.59979 AU
morning rise	-2702 Feb 08 j 20:12	16°♑17'45	
direct	-2702 Feb 15 j 11:11	14°♑17'04	
desc. node	-2702 Feb 21 j 01:15	15°♑36'38	
morning max el	-2702 Mar 01 j 16:46	21°♑58'09	27°16'27
	-2702 Mar 08 j 18:40	0°♒	
	-2702 Mar 27 j 11:37	0°♓	
morning set	-2702 Apr 01 j 19:01	10°♓36'01	
asc. node	-2702 Apr 08 j 11:08	24°♓53'58	
superior conj	-2702 Apr 08 j 23:00	25°♓58'51	0°05'13
minimum elong	-2702 Apr 08 j 22:46	25°♓57'35	0°05'10
behind sun begin	-2702 Apr 08 j 18:00	25°♓31'30	
behind sun end	-2702 Apr 09 j 03:31	26°♓23'40	
max. Earth dist.	-2702 Apr 08 j 10:19	24°♓49'29	1.32501 AU
	-2702 Apr 10 j 19:02	0°♈	
evening rise	-2702 Apr 15 j 22:39	11°♈05'29	
	-2702 Apr 25 j 16:30	0°♉	
evening max el	-2702 May 13 j 20:46	25°♉00'16	25°50'17
desc. node	-2702 May 20 j 00:14	29°♉48'30	
	-2702 May 20 j 08:08	0°♊	
retrograde	-2702 May 27 j 22:36	2°♊14'43	
evening set	-2702 Jun 02 j 20:38	0°♊50'17	
	-2702 Jun 04 j 11:28	30°℞♉	
min. Earth dist.	-2702 Jun 07 j 09:08	28°♉08'05	0.58652 AU
inferior conj	-2702 Jun 10 j 16:52	25°♉42'12	-4°-23'-3
minimum elong	-2702 Jun 10 j 14:57	25°♉45'44	4°22'54
morning rise	-2702 Jun 18 j 13:08	21°♉18'11	
direct	-2702 Jun 21 j 00:47	20°♉57'56	
morning max el	-2702 Jun 29 j 02:43	24°♉47'17	18°38'11
	-2702 Jul 03 j 13:15	0°♊	
asc. node	-2702 Jul 05 j 10:30	2°♊46'16	
morning set	-2702 Jul 15 j 09:05	20°♊39'20	
	-2702 Jul 20 j 04:46	0°♋	
superior conj	-2702 Jul 24 j 06:37	7°♋45'40	1°48'08
minimum elong	-2702 Jul 24 j 07:26	7°♋49'29	1°48'13
max. Earth dist.	-2702 Jul 31 j 10:23	20°♋46'13	1.39587 AU
evening rise	-2702 Aug 04 j 15:09	28°♋00'16	
	-2702 Aug 05 j 19:40	0°♌	
desc. node	-2702 Aug 15 j 23:29	16°♌12'23	
	-2702 Aug 25 j 10:36	0°♍	
evening max el	-2702 Sep 08 j 18:19	17°♍36'49	23°56'00
retrograde	-2702 Sep 19 j 15:01	24°♍00'51	
evening set	-2702 Sep 24 j 19:44	21°♍50'27	
min. Earth dist.	-2702 Sep 29 j 16:18	16°♍11'14	0.67401 AU
inferior conj	-2702 Sep 30 j 04:52	15°♍28'30	0°-24'-40
minimum elong	-2702 Sep 30 j 05:27	15°♍26'31	0°24'25
asc. node	-2702 Oct 01 j 09:36	13°♍51'57	
morning rise	-2702 Oct 05 j 15:22	9°♍18'17	
direct	-2702 Oct 09 j 12:57	7°♍52'02	
morning max el	-2702 Oct 17 j 18:51	12°♍41'40	20°49'24
greatest brilliancy	-2702 Oct 23 j 16:12	19°♍38'39	-0.5m
	-2702 Oct 31 j 03:18	0°♎	
desc. node	-2702 Nov 11 j 23:01	17°♎41'28	
morning set	-2702 Nov 15 j 23:19	23°♎53'42	
	-2702 Nov 19 j 20:38	0°♏	
max. Earth dist.	-2702 Nov 24 j 23:20	8°♏11'16	1.42921 AU
superior conj	-2702 Dec 01 j 15:41	19°♏13'14	-1°-45'-10
minimum elong	-2702 Dec 01 j 10:30	18°♏51'29	1°44'54
	-2702 Dec 07 j 22:43	0°♐	
evening rise	-2702 Dec 13 j 14:50	9°♐59'46	
	-2702 Dec 25 j 08:39	0°♑	
asc. node	-2702 Dec 28 j 08:44	4°♑09'26	
evening max el	-2702 Dec 30 j 14:47	6°♑42'09	18°08'04
retrograde	-2701 Jan 06 j 05:33	10°♑09'18	
evening set	-2701 Jan 08 j 21:57	9°♑34'47	
inferior conj	-2701 Jan 15 j 10:46	4°♑27'03	3°58'06
minimum elong	-2701 Jan 15 j 09:54	4°♑29'15	3°57'59
min. Earth dist.	-2701 Jan 18 j 08:25	1°♑33'04	0.61984 AU
	-2701 Jan 20 j 01:02	30°℞♐	
morning rise	-2701 Jan 21 j 19:35	28°♐35'46	
direct	-2701 Jan 28 j 19:59	26°♐03'55	
	-2701 Feb 07 j 10:43	0°♑	
desc. node	-2701 Feb 07 j 22:19	0°♑22'17	
morning max el	-2701 Feb 11 j 20:23	3°♑50'47	27°43'18
	-2701 Mar 03 j 07:49	0°♒	
morning set	-2701 Mar 16 j 23:31	25°♒10'33	
	-2701 Mar 19 j 07:33	0°♓	
max. Earth dist.	-2701 Mar 22 j 21:01	7°♓34'44	1.32744 AU
superior conj	-2701 Mar 24 j 09:25	10°♓51'42	0°-20'-20
minimum elong	-2701 Mar 24 j 10:21	10°♓56'46	0°20'11
asc. node	-2701 Mar 26 j 08:09	15°♓05'55	
evening rise	-2701 Mar 31 j 10:08	26°♓02'26	
	-2701 Apr 02 j 07:45	0°♈	
	-2701 Apr 20 j 05:08	0°♉	
evening max el	-2701 Apr 25 j 13:14	5°♉54'24	24°25'42
desc. node	-2701 May 06 j 21:20	12°♉40'28	
retrograde	-2701 May 09 j 11:31	12°♉55'57	
evening set	-2701 May 14 j 02:01	12°♉08'15	
min. Earth dist.	-2701 May 20 j 01:02	9°♉08'50	0.56814 AU
inferior conj	-2701 May 22 j 18:11	7°♉24'51	-3°-46'-42
minimum elong	-2701 May 22 j 12:40	7°♉33'44	3°45'37
morning rise	-2701 May 31 j 03:21	3°♉19'42	
direct	-2701 Jun 02 j 15:38	3°♉02'28	
morning max el	-2701 Jun 12 j 01:45	7°♉24'53	19°30'09
asc. node	-2701 Jun 22 j 07:34	21°♉30'35	
	-2701 Jun 26 j 20:58	0°♊	
morning set	-2701 Jun 29 j 09:08	4°♊57'18	
superior conj	-2701 Jul 07 j 12:47	21°♊15'28	1°46'49
minimum elong	-2701 Jul 07 j 11:40	21°♊09'57	1°46'52
	-2701 Jul 12 j 01:46	0°♋	
max. Earth dist.	-2701 Jul 13 j 12:31	2°♋42'25	1.37642 AU
evening rise	-2701 Jul 17 j 09:52	9°♋46'15	
	-2701 Jul 29 j 13:50	0°♌	
desc. node	-2701 Aug 02 j 20:31	6°♌29'25	
	-2701 Aug 21 j 02:02	0°♍	
evening max el	-2701 Aug 22 j 05:21	1°♍08'53	25°13'06

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

retrograde	-2701 Sep 03 j 02:36	8°♍02'12	
evening set	-2701 Sep 08 j 22:20	5°♍34'15	
min. Earth dist.	-2701 Sep 13 j 10:07	0°♍30'43	0.66997 AU
	-2701 Sep 13 j 19:32	30°℞♌	
inferior conj	-2701 Sep 14 j 09:26	29°♌14'25	-1°-18'-46
minimum elong	-2701 Sep 14 j 11:19	29°♌08'14	1°17'58
asc. node	-2701 Sep 18 j 06:42	24°♌38'00	
morning rise	-2701 Sep 20 j 00:48	23°♌11'48	
direct	-2701 Sep 23 j 11:00	22°♌03'49	
morning max el	-2701 Sep 30 j 20:48	26°♌19'14	19°42'37
	-2701 Oct 04 j 02:21	0°♍	
greatest brilliancy	-2701 Oct 09 j 02:43	6°♍44'29	-0.6m
	-2701 Oct 24 j 12:26	0°♎	
morning set	-2701 Oct 25 j 21:51	2°♎09'27	
desc. node	-2701 Oct 29 j 20:01	8°♎15'35	
max. Earth dist.	-2701 Nov 07 j 11:29	21°♎51'27	1.44218 AU
superior conj	-2701 Nov 11 j 16:28	28°♎35'05	-1°-16'-29
minimum elong	-2701 Nov 11 j 09:01	28°♎05'07	1°15'45
	-2701 Nov 12 j 13:32	0°♏	
evening rise	-2701 Nov 25 j 13:42	21°♏30'44	
	-2701 Nov 30 j 14:13	0°♐	
evening max el	-2701 Dec 14 j 03:27	20°♐00'49	18°20'09
asc. node	-2701 Dec 15 j 05:49	21°♐03'27	
retrograde	-2701 Dec 20 j 16:26	23°♐34'26	
evening set	-2701 Dec 23 j 12:56	22°♐50'50	
inferior conj	-2701 Dec 29 j 16:11	17°♐23'15	3°42'36
minimum elong	-2701 Dec 29 j 13:47	17°♐29'59	3°42'10
min. Earth dist.	-2701 Dec 31 j 23:25	14°♐48'48	0.63771 AU
morning rise	-2700 Jan 04 j 13:07	11°♐21'51	
direct	-2700 Jan 11 j 12:38	8°♐33'24	
morning max el	-2700 Jan 25 j 04:12	16°♐19'25	27°33'49
desc. node	-2700 Jan 25 j 19:22	16°♐57'32	
	-2700 Feb 05 j 12:52	0°♑	
	-2700 Feb 24 j 00:26	0°♒	
morning set	-2700 Feb 28 j 20:58	9°♒19'53	
max. Earth dist.	-2700 Mar 05 j 01:13	19°♒54'37	1.33381 AU
superior conj	-2700 Mar 07 j 16:47	25°♒31'09	0°-45'-49
minimum elong	-2700 Mar 07 j 18:51	25°♒42'12	0°45'29
	-2700 Mar 09 j 18:57	0°♓	
asc. node	-2700 Mar 12 j 05:11	5°♓12'37	
evening rise	-2700 Mar 14 j 21:40	10°♓54'55	
	-2700 Mar 24 j 19:53	0°♈	
evening max el	-2700 Apr 06 j 05:25	16°♈34'57	22°51'22
retrograde	-2700 Apr 19 j 11:22	23°♈06'15	
evening set	-2700 Apr 22 j 18:17	22°♈42'37	
desc. node	-2700 Apr 22 j 18:24	22°♈42'33	
min. Earth dist.	-2700 Apr 30 j 15:04	19°♈14'31	0.55542 AU
inferior conj	-2700 May 02 j 00:40	18°♈26'01	-2°-28'-19
minimum elong	-2700 May 01 j 18:43	18°♈34'39	2°26'33
morning rise	-2700 May 10 j 21:47	14°♈29'54	
direct	-2700 May 13 j 12:56	14°♈13'33	
morning max el	-2700 May 24 j 14:18	19°♈22'41	20°42'17
	-2700 Jun 02 j 01:05	0°♉	
asc. node	-2700 Jun 08 j 04:37	10°♉46'02	
morning set	-2700 Jun 12 j 15:12	19°♉35'43	
	-2700 Jun 17 j 16:01	0°♊	
superior conj	-2700 Jun 20 j 06:35	5°♊21'47	1°38'01
minimum elong	-2700 Jun 20 j 04:21	5°♊10'21	1°37'54
max. Earth dist.	-2700 Jun 24 j 20:06	14°♊30'10	1.35909 AU
evening rise	-2700 Jun 29 j 01:34	22°♊35'15	
	-2700 Jul 03 j 03:25	0°♋	
desc. node	-2700 Jul 19 j 17:35	26°♋25'54	
	-2700 Jul 22 j 07:15	0°♌	
evening max el	-2700 Aug 03 j 16:40	14°♌42'28	26°18'46
retrograde	-2700 Aug 16 j 09:19	21°♌53'59	
evening set	-2700 Aug 22 j 19:23	19°♌12'51	
min. Earth dist.	-2700 Aug 26 j 23:03	14°♌47'20	0.66258 AU
inferior conj	-2700 Aug 28 j 10:12	12°♌58'51	-2°-11'-27
minimum elong	-2700 Aug 28 j 13:16	12°♌49'22	2°10'16
morning rise	-2700 Sep 03 j 08:02	7°♌07'13	
asc. node	-2700 Sep 04 j 03:48	6°♌42'25	
direct	-2700 Sep 06 j 09:13	6°♌14'04	
morning max el	-2700 Sep 13 j 05:21	10°♌04'02	18°50'46
	-2700 Sep 27 j 09:57	0°♍	
morning set	-2700 Oct 04 j 14:09	11°♍22'11	
desc. node	-2700 Oct 15 j 17:01	28°♍56'45	
	-2700 Oct 16 j 09:05	0°♎	
max. Earth dist.	-2700 Oct 20 j 04:42	6°♎00'38	1.44854 AU
superior conj	-2700 Oct 20 j 20:04	7°♎01'10	0°-32'-28
minimum elong	-2700 Oct 20 j 15:50	6°♎44'33	0°31'55
	-2700 Nov 04 j 07:05	0°♏	
evening rise	-2700 Nov 05 j 13:17	2°♏01'27	
	-2700 Nov 23 j 16:23	0°♐	
evening max el	-2700 Nov 26 j 14:49	3°♐25'11	18°50'08
asc. node	-2700 Dec 01 j 02:53	6°♐46'26	
retrograde	-2700 Dec 03 j 09:43	7°♐15'11	
evening set	-2700 Dec 06 j 11:44	6°♐20'49	
inferior conj	-2700 Dec 12 j 07:44	0°♐35'44	3°13'24
minimum elong	-2700 Dec 12 j 04:44	0°♐44'57	3°12'37
	-2700 Dec 12 j 19:23	30°℞♏	
min. Earth dist.	-2700 Dec 14 j 00:00	28°♏32'41	0.65220 AU
morning rise	-2700 Dec 17 j 20:41	24°♏27'00	
direct	-2700 Dec 24 j 11:43	21°♏37'10	
morning max el	-2699 Jan 06 j 13:43	29°♏13'25	26°52'04
	-2699 Jan 07 j 08:05	0°♐	
desc. node	-2699 Jan 11 j 16:24	4°♐50'40	
	-2699 Jan 29 j 09:14	0°♑	
morning set	-2699 Feb 11 j 08:03	22°♑52'52	
	-2699 Feb 14 j 23:24	0°♒	
max. Earth dist.	-2699 Feb 15 j 19:22	1°♒40'00	1.34449 AU
superior conj	-2699 Feb 19 j 18:58	9°♒49'52	-1°-10'-5
minimum elong	-2699 Feb 19 j 21:57	10°♒05'23	1°09'40
evening rise	-2699 Feb 27 j 07:24	25°♒36'12	
asc. node	-2699 Feb 27 j 02:13	25°♒09'19	
	-2699 Mar 01 j 10:51	0°♓	
evening max el	-2699 Mar 19 j 03:31	27°♓28'51	21°21'04
	-2699 Mar 22 j 03:28	0°♈	
retrograde	-2699 Mar 31 j 01:37	3°♈13'27	
evening set	-2699 Apr 02 j 13:01	2°♈59'27	
desc. node	-2699 Apr 09 j 15:27	0°♈12'54	
	-2699 Apr 10 j 00:58	30°℞♓	
inferior conj	-2699 Apr 11 j 20:13	28°♓59'48	0°-36'-58
minimum elong	-2699 Apr 11 j 18:29	29°♓02'15	0°36'23
min. Earth dist.	-2699 Apr 12 j 04:38	28°♓47'58	0.55106 AU
morning rise	-2699 Apr 20 j 23:53	24°♓56'49	
direct	-2699 Apr 24 j 00:49	24°♓36'38	
	-2699 May 05 j 23:08	0°♈	
morning max el	-2699 May 06 j 15:59	0°♈38'29	22°11'41
	-2699 May 25 j 20:44	0°♉	
asc. node	-2699 May 26 j 01:39	0°♉24'51	
morning set	-2699 May 28 j 01:06	4°♉28'27	
superior conj	-2699 Jun 04 j 08:27	19°♉54'15	1°23'37
minimum elong	-2699 Jun 04 j 05:50	19°♉40'28	1°23'20
max. Earth dist.	-2699 Jun 07 j 13:10	26°♉33'24	1.34510 AU
	-2699 Jun 09 j 05:46	0°♊	
evening rise	-2699 Jun 12 j 09:03	6°♊12'50	
	-2699 Jun 25 j 19:09	0°♋	
desc. node	-2699 Jul 06 j 14:37	15°♋52'53	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening max el	-2699 Jul 17 j 04:20	28°♋09'23	27°04'59
	-2699 Jul 19 j 04:37	0°♌	
retrograde	-2699 Jul 30 j 10:40	5°♌29'33	
evening set	-2699 Aug 06 j 08:24	2°♌43'02	
	-2699 Aug 09 j 05:14	30°℞♋	
min. Earth dist.	-2699 Aug 10 j 04:42	28°♋55'51	0.65154 AU
inferior conj	-2699 Aug 12 j 05:02	26°♋38'12	-3°00'-30
minimum elong	-2699 Aug 12 j 08:56	26°♋27'03	2°59'16
morning rise	-2699 Aug 18 j 10:49	21°♋00'58	
direct	-2699 Aug 21 j 05:19	20°♋19'22	
asc. node	-2699 Aug 22 j 00:51	20°♋22'57	
morning max el	-2699 Aug 27 j 18:29	23°♋52'35	18°15'23
	-2699 Sep 01 j 17:02	0°♌	
morning set	-2699 Sep 15 j 10:05	21°♌56'35	
	-2699 Sep 20 j 07:38	0°♍	
superior conj	-2699 Sep 29 j 21:57	15°♍27'54	0°17'08
minimum elong	-2699 Sep 30 j 00:05	15°♍36'23	0°16'51
desc. node	-2699 Oct 02 j 14:03	19°♍41'55	
max. Earth dist.	-2699 Oct 02 j 23:27	20°♍19'05	1.44753 AU
	-2699 Oct 09 j 03:20	0°♎	
evening rise	-2699 Oct 16 j 12:51	11°♎32'42	
	-2699 Oct 28 j 11:32	0°♏	
greatest brilliancy	-2699 Nov 01 j 13:20	6°♏03'42	-0.7m
evening max el	-2699 Nov 09 j 22:33	16°♏51'52	19°36'38
retrograde	-2699 Nov 17 j 06:19	21°♏07'07	
asc. node	-2699 Nov 17 j 23:56	21°♏04'01	
evening set	-2699 Nov 20 j 15:43	19°♏59'49	
inferior conj	-2699 Nov 26 j 06:27	14°♏00'18	2°34'41
minimum elong	-2699 Nov 26 j 03:32	14°♏09'48	2°33'43
min. Earth dist.	-2699 Nov 27 j 09:01	12°♏33'41	0.66298 AU
morning rise	-2699 Dec 01 j 14:39	7°♏46'29	
direct	-2699 Dec 07 j 16:34	5°♏07'03	
morning max el	-2699 Dec 19 j 23:00	12°♏21'55	25°45'37
desc. node	-2699 Dec 29 j 13:27	23°♏39'08	
	-2698 Jan 03 j 04:59	0°♐	
	-2698 Jan 22 j 01:33	0°♑	
morning set	-2698 Jan 25 j 04:19	5°♑36'35	
max. Earth dist.	-2698 Jan 29 j 01:54	12°♑54'37	1.35966 AU
superior conj	-2698 Feb 03 j 13:24	23°♑40'07	-1°-31'-33
minimum elong	-2698 Feb 03 j 16:47	23°♑57'04	1°31'14
	-2698 Feb 06 j 16:15	0°♒	
evening rise	-2698 Feb 11 j 13:24	9°♒59'59	
asc. node	-2698 Feb 13 j 23:14	14°♒50'55	
	-2698 Feb 22 j 09:45	0°♓	
evening max el	-2698 Mar 01 j 11:35	8°♓54'14	20°04'25
retrograde	-2698 Mar 11 j 17:31	13°♓47'10	
evening set	-2698 Mar 13 j 23:15	13°♓34'11	
inferior conj	-2698 Mar 22 j 18:40	9°♓34'15	1°18'03
minimum elong	-2698 Mar 22 j 21:55	9°♓29'19	1°16'57
min. Earth dist.	-2698 Mar 24 j 18:40	8°♓21'52	0.55610 AU
desc. node	-2698 Mar 27 j 12:31	6°♓49'42	
morning rise	-2698 Mar 31 j 17:52	5°♓06'46	
direct	-2698 Apr 04 j 15:41	4°♓33'14	
morning max el	-2698 Apr 18 j 09:34	11°♓21'45	23°50'51
	-2698 May 02 j 08:58	0°♈	
morning set	-2698 May 12 j 12:55	19°♈28'28	
asc. node	-2698 May 12 j 22:41	20°♈19'48	
	-2698 May 17 j 11:05	0°♉	
superior conj	-2698 May 19 j 15:37	4°♉43'20	1°05'03
minimum elong	-2698 May 19 j 13:12	4°♉30'18	1°04'41
max. Earth dist.	-2698 May 21 j 15:31	8°♉59'40	1.33482 AU
evening rise	-2698 May 27 j 03:46	20°♉24'51	
	-2698 Jun 01 j 02:21	0°♊	
	-2698 Jun 19 j 20:04	0°♋	

desc. node	-2698 Jun 23 j 11:38	4°♋37'10	
evening max el	-2698 Jun 29 j 14:48	11°♋16'55	27°24'53
retrograde	-2698 Jul 13 j 06:21	18°♋39'31	
evening set	-2698 Jul 20 j 10:16	15°♋59'08	
min. Earth dist.	-2698 Jul 24 j 01:09	12°♋46'25	0.63670 AU
inferior conj	-2698 Jul 26 j 15:20	10°♋06'15	-3°-43'-1
minimum elong	-2698 Jul 26 j 19:22	9°♋55'50	3°42'04
morning rise	-2698 Aug 02 j 06:27	4°♋46'43	
direct	-2698 Aug 04 j 20:33	4°♋13'43	
asc. node	-2698 Aug 08 j 21:55	5°♋35'00	
morning max el	-2698 Aug 11 j 09:36	7°♋38'53	17°57'24
	-2698 Aug 26 j 04:02	0°♌	
morning set	-2698 Aug 28 j 07:39	3°♌43'47	
superior conj	-2698 Sep 09 j 18:57	24°♌53'11	0°59'50
minimum elong	-2698 Sep 10 j 00:24	25°♌15'37	0°59'13
	-2698 Sep 12 j 22:04	0°♍	
max. Earth dist.	-2698 Sep 15 j 15:52	4°♍25'05	1.43937 AU
desc. node	-2698 Sep 19 j 11:03	10°♍27'21	
evening rise	-2698 Sep 25 j 19:45	20°♍22'56	
	-2698 Oct 02 j 02:34	0°♎	
greatest brilliancy	-2698 Oct 18 j 00:17	23°♎05'18	-0.5m
	-2698 Oct 23 j 17:45	0°♏	
evening max el	-2698 Oct 24 j 00:55	0°♏18'37	20°37'47
retrograde	-2698 Nov 01 j 03:47	5°♏06'29	
evening set	-2698 Nov 04 j 22:41	3°♏43'57	
asc. node	-2698 Nov 04 j 20:58	3°♏47'02	
	-2698 Nov 08 j 13:40	30°℞♎	
inferior conj	-2698 Nov 10 j 09:51	27°♎33'31	1°49'20
minimum elong	-2698 Nov 10 j 07:33	27°♎41'19	1°48'25
min. Earth dist.	-2698 Nov 11 j 00:22	26°♎44'13	0.67012 AU
morning rise	-2698 Nov 15 j 15:58	21°♎17'01	
direct	-2698 Nov 21 j 02:46	18°♎55'28	
morning max el	-2698 Dec 02 j 07:41	25°♎36'22	24°24'02
	-2698 Dec 06 j 08:07	0°♏	
desc. node	-2698 Dec 16 j 10:30	13°♏06'56	
	-2698 Dec 27 j 18:06	0°♐	
morning set	-2697 Jan 07 j 04:07	17°♐15'48	
max. Earth dist.	-2697 Jan 10 j 23:25	24°♐00'56	1.37860 AU
	-2697 Jan 14 j 05:37	0°♑	
superior conj	-2697 Jan 17 j 20:46	6°♑53'06	-1°-48'-5
minimum elong	-2697 Jan 17 j 23:35	7°♑06'41	1°47'58
evening rise	-2697 Jan 26 j 13:25	24°♑00'10	
	-2697 Jan 29 j 14:58	0°♒	
asc. node	-2697 Jan 31 j 20:15	4°♒11'59	
evening max el	-2697 Feb 12 j 06:21	20°♒56'56	19°06'13
retrograde	-2697 Feb 20 j 22:33	25°♒06'16	
evening set	-2697 Feb 23 j 06:15	24°♒49'42	
inferior conj	-2697 Mar 03 j 08:32	20°♒36'29	2°47'02
minimum elong	-2697 Mar 03 j 13:19	20°♒28'12	2°45'49
min. Earth dist.	-2697 Mar 06 j 10:12	18°♒29'52	0.56943 AU
morning rise	-2697 Mar 11 j 16:25	15°♒37'33	
desc. node	-2697 Mar 14 j 09:35	14°♒49'55	
direct	-2697 Mar 16 j 18:57	14°♒36'18	
morning max el	-2697 Mar 31 j 00:34	21°♒56'09	25°26'54
	-2697 Apr 07 j 02:15	0°♓	
	-2697 Apr 24 j 20:50	0°♈	
morning set	-2697 Apr 27 j 00:58	4°♈29'52	
asc. node	-2697 Apr 29 j 19:43	10°♈25'33	
superior conj	-2697 May 04 j 01:58	19°♈41'50	0°43'24
minimum elong	-2697 May 04 j 00:11	19°♈32'03	0°43'05
max. Earth dist.	-2697 May 05 j 00:49	21°♈46'13	1.32825 AU
	-2697 May 08 j 20:43	0°♉	
evening rise	-2697 May 11 j 06:21	5°♉00'41	
	-2697 May 24 j 18:32	0°♊	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

desc. node	-2697 Jun 10 j 08:38	22°♊20'45	
evening max el	-2697 Jun 11 j 21:59	23°♊53'17	27°13'28
	-2697 Jun 20 j 10:24	0°♋	
retrograde	-2697 Jun 25 j 19:40	1°♋14'38	
	-2697 Jun 30 j 23:13	30°℞♊	
evening set	-2697 Jul 02 j 21:06	28°♊54'42	
min. Earth dist.	-2697 Jul 06 j 11:42	26°♊06'21	0.61847 AU
inferior conj	-2697 Jul 09 j 14:04	23°♊16'27	-4°-14'-25
minimum elong	-2697 Jul 09 j 17:02	23°♊09'39	4°13'59
morning rise	-2697 Jul 16 j 15:40	18°♊17'15	
direct	-2697 Jul 19 j 03:30	17°♊50'29	
morning max el	-2697 Jul 25 j 23:56	21°♊16'40	17°57'47
asc. node	-2697 Jul 26 j 19:00	22°♊05'26	
	-2697 Aug 01 j 15:00	0°♋	
morning set	-2697 Aug 11 j 01:24	16°♋28'59	
	-2697 Aug 18 j 13:40	0°♌	
superior conj	-2697 Aug 21 j 19:27	5°♌40'04	1°29'05
minimum elong	-2697 Aug 22 j 00:08	6°♌00'19	1°28'44
max. Earth dist.	-2697 Aug 29 j 03:20	18°♌01'38	1.42529 AU
evening rise	-2697 Sep 05 j 03:42	29°♌18'44	
	-2697 Sep 05 j 14:12	0°♍	
desc. node	-2697 Sep 06 j 08:02	1°♍09'54	
	-2697 Sep 25 j 19:04	0°♎	
greatest brilliancy	-2697 Oct 02 j 01:04	8°♎14'03	-0.4m
evening max el	-2697 Oct 06 j 21:13	13°♎44'49	21°50'23
retrograde	-2697 Oct 16 j 00:02	19°♎10'00	
evening set	-2697 Oct 20 j 06:38	17°♎29'57	
asc. node	-2697 Oct 22 j 18:03	15°♎01'34	
inferior conj	-2697 Oct 25 j 15:51	11°♎12'18	0°59'20
minimum elong	-2697 Oct 25 j 14:31	11°♎16'55	0°58'44
min. Earth dist.	-2697 Oct 25 j 19:33	10°♎59'31	0.67405 AU
morning rise	-2697 Oct 30 j 22:08	4°♎55'53	
direct	-2697 Nov 04 j 17:39	2°♎55'42	
morning max el	-2697 Nov 14 j 17:34	8°♎53'13	22°57'03
greatest brilliancy	-2697 Nov 19 j 13:43	14°♎19'10	-0.3m
	-2697 Dec 01 j 05:29	0°♏	
desc. node	-2697 Dec 03 j 07:31	3°♏01'58	
morning set	-2697 Dec 19 j 01:10	27°♏33'47	
	-2697 Dec 20 j 12:20	0°♐	
max. Earth dist.	-2697 Dec 23 j 18:52	5°♐32'49	1.39947 AU
superior conj	-2697 Dec 31 j 12:32	19°♐16'17	-1°-56'-45
minimum elong	-2697 Dec 31 j 13:21	19°♐20'03	1°56'49
	-2696 Jan 06 j 06:27	0°♑	
evening rise	-2696 Jan 10 j 04:34	7°♑28'40	
asc. node	-2696 Jan 18 j 17:17	23°♑04'47	
	-2696 Jan 23 j 07:52	0°♒	
evening max el	-2696 Jan 26 j 09:49	3°♒31'04	18°27'57
retrograde	-2696 Feb 02 j 21:56	7°♒11'55	
evening set	-2696 Feb 05 j 09:17	6°♒49'13	
inferior conj	-2696 Feb 12 j 18:50	2°♒15'51	3°39'07
minimum elong	-2696 Feb 12 j 21:54	2°♒09'39	3°38'38
	-2696 Feb 15 j 14:20	30°℞♑	
min. Earth dist.	-2696 Feb 16 j 04:43	29°♑32'12	0.58812 AU
morning rise	-2696 Feb 20 j 06:55	26°♑50'55	
direct	-2696 Feb 26 j 11:38	25°♑11'41	
desc. node	-2696 Feb 29 j 06:40	25°♑31'26	
	-2696 Mar 08 j 15:11	0°♒	
morning max el	-2696 Mar 11 j 18:24	2°♒47'34	26°44'48
	-2696 Mar 31 j 09:49	0°♓	
morning set	-2696 Apr 10 j 11:35	19°♓25'48	
	-2696 Apr 15 j 10:00	0°♈	
asc. node	-2696 Apr 15 j 16:44	0°♈36'44	
superior conj	-2696 Apr 17 j 13:39	4°♈42'36	0°19'35
minimum elong	-2696 Apr 17 j 12:48	4°♈37'52	0°19'25
max. Earth dist.	-2696 Apr 17 j 13:38	4°♈42'27	1.32521 AU
evening rise	-2696 Apr 24 j 14:03	19°♈50'34	
	-2696 Apr 29 j 15:05	0°♉	
	-2696 May 18 j 14:57	0°♊	
evening max el	-2696 May 23 j 23:42	5°♊48'57	26°29'18
desc. node	-2696 May 27 j 05:41	8°♊38'11	
retrograde	-2696 Jun 07 j 01:04	13°♊06'29	
evening set	-2696 Jun 13 j 12:31	11°♊20'07	
min. Earth dist.	-2696 Jun 17 j 12:59	8°♊40'28	0.59816 AU
inferior conj	-2696 Jun 20 j 21:39	5°♊59'50	-4°-27'-39
minimum elong	-2696 Jun 20 j 21:56	5°♊59'17	4°27'35
morning rise	-2696 Jun 28 j 10:47	1°♊22'42	
direct	-2696 Jun 30 j 22:10	1°♊00'22	
morning max el	-2696 Jul 08 j 10:33	4°♊38'00	18°17'38
asc. node	-2696 Jul 12 j 16:05	9°♊38'36	
morning set	-2696 Jul 24 j 10:09	29°♊58'51	
	-2696 Jul 24 j 10:24	0°♋	
superior conj	-2696 Aug 02 j 21:16	17°♋42'40	1°44'35
minimum elong	-2696 Aug 02 j 23:30	17°♋52'51	1°44'33
	-2696 Aug 09 j 19:47	0°♌	
max. Earth dist.	-2696 Aug 10 j 09:26	0°♌58'35	1.40718 AU
evening rise	-2696 Aug 15 j 06:29	9°♌08'51	
desc. node	-2696 Aug 23 j 05:01	21°♌46'20	
	-2696 Aug 28 j 15:46	0°♍	
greatest brilliancy	-2696 Sep 12 j 22:19	20°♍55'56	-0.2m
evening max el	-2696 Sep 18 j 12:20	27°♍12'38	23°09'43
	-2696 Sep 21 j 13:37	0°♎	
retrograde	-2696 Sep 28 j 17:38	3°♎15'41	
evening set	-2696 Oct 03 j 13:54	1°♎16'33	
	-2696 Oct 04 j 22:18	30°℞♍	
inferior conj	-2696 Oct 08 j 22:39	24°♍55'20	0°06'28
minimum elong	-2696 Oct 08 j 22:30	24°♍55'52	0°06'23
transit middle	-2696 Oct 08 j 22:30	24°♍55'52	0°06'23
transit begin	-2696 Oct 08 j 20:00	25°♍04'25	
transit end	-2696 Oct 09 j 00:59	24°♍47'19	
min. Earth dist.	-2696 Oct 08 j 16:05	25°♍17'55	0.67494 AU
asc. node	-2696 Oct 08 j 15:09	25°♍21'08	
morning rise	-2696 Oct 14 j 07:05	18°♍41'58	
direct	-2696 Oct 18 j 12:18	17°♍03'39	
morning max el	-2696 Oct 27 j 08:08	22°♍16'12	21°33'23
greatest brilliancy	-2696 Nov 01 j 10:18	28°♍06'51	-0.4m
	-2696 Nov 02 j 21:45	0°♎	
desc. node	-2696 Nov 19 j 04:32	23°♎16'40	
	-2696 Nov 23 j 13:55	0°♏	
morning set	-2696 Nov 27 j 17:34	6°♏30'01	
max. Earth dist.	-2696 Dec 04 j 19:54	17°♏57'59	1.41943 AU
	-2696 Dec 11 j 22:51	0°♐	
superior conj	-2696 Dec 12 j 07:17	0°♐36'29	-1°-53'-45
minimum elong	-2696 Dec 12 j 04:30	0°♐24'24	1°53'45
evening rise	-2696 Dec 23 j 07:26	20°♐18'15	
	-2696 Dec 28 j 15:55	0°♑	
asc. node	-2695 Jan 04 j 14:19	11°♑20'35	
evening max el	-2695 Jan 08 j 19:08	16°♑28'28	18°09'40
retrograde	-2695 Jan 15 j 14:34	19°♑56'32	
evening set	-2695 Jan 18 j 05:14	19°♑26'27	
inferior conj	-2695 Jan 25 j 00:43	14°♑30'52	3°58'26
minimum elong	-2695 Jan 25 j 01:10	14°♑29'51	3°58'21
min. Earth dist.	-2695 Jan 28 j 05:05	11°♑34'12	0.60858 AU
morning rise	-2695 Jan 31 j 18:25	8°♑47'40	
direct	-2695 Feb 07 j 15:00	6°♑32'12	
desc. node	-2695 Feb 15 j 03:45	8°♑56'56	
morning max el	-2695 Feb 21 j 18:19	14°♑15'33	27°32'17
	-2695 Mar 06 j 11:11	0°♒	
	-2695 Mar 23 j 17:42	0°♓	
morning set	-2695 Mar 25 j 18:54	4°♓10'01	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2695 Apr 01 j 02:21	17°♓36'09	1.32564 AU	
superior conj	-2695 Apr 02 j 01:01	19°♓39'47	0°-5'-35	
minimum elong	-2695 Apr 02 j 01:16	19°♓41'09	0°05'34	
behind sun begin	-2695 Apr 01 j 20:31	19°♓15'12		
behind sun end	-2695 Apr 02 j 06:01	20°♓07'07		
asc. node	-2695 Apr 02 j 13:45	20°♓49'23		
	-2695 Apr 06 j 18:55	0°♈		
evening rise	-2695 Apr 09 j 00:44	4°♈46'59		
	-2695 Apr 22 j 13:02	0°♉		
evening max el	-2695 May 05 j 19:02	17°♉02'13	25°16'27	
desc. node	-2695 May 14 j 02:45	22°♉55'46		
retrograde	-2695 May 19 j 20:12	24°♉11'52		
evening set	-2695 May 25 j 05:42	23°♉04'09		
min. Earth dist.	-2695 May 30 j 07:07	20°♉16'19	0.57822 AU	
inferior conj	-2695 Jun 02 j 10:36	18°♉06'24	-4°-12'-34	
minimum elong	-2695 Jun 02 j 06:59	18°♉12'40	4°12'06	
morning rise	-2695 Jun 10 j 12:14	13°♉50'52		
direct	-2695 Jun 13 j 00:15	13°♉31'54		
morning max el	-2695 Jun 21 j 14:30	17°♉33'32	18°57'49	
asc. node	-2695 Jun 29 j 13:09	28°♉00'04		
	-2695 Jun 30 j 17:43	0°♊		
morning set	-2695 Jul 08 j 05:35	14°♊01'40		
	-2695 Jul 16 j 09:18	0°♋		
superior conj	-2695 Jul 16 j 18:39	0°♋44'50	1°48'39	
minimum elong	-2695 Jul 16 j 18:33	0°♋44'20	1°48'43	
max. Earth dist.	-2695 Jul 23 j 12:07	13°♋14'46	1.38745 AU	
evening rise	-2695 Jul 27 j 10:57	20°♋12'28		
	-2695 Aug 02 j 07:08	0°♌		
desc. node	-2695 Aug 10 j 02:02	12°♌11'52		
	-2695 Aug 22 j 18:16	0°♍		
evening max el	-2695 Sep 01 j 00:11	10°♍42'58	24°29'41	
retrograde	-2695 Sep 12 j 07:31	17°♍19'50		
evening set	-2695 Sep 17 j 18:43	15°♍01'37		
min. Earth dist.	-2695 Sep 22 j 11:29	9°♍37'28	0.67275 AU	
inferior conj	-2695 Sep 23 j 04:31	8°♍40'23	0°-47'-40	
minimum elong	-2695 Sep 23 j 05:39	8°♍36'34	0°47'10	
asc. node	-2695 Sep 25 j 12:15	5°♍40'29		
morning rise	-2695 Sep 28 j 16:53	2°♍33'10		
direct	-2695 Oct 02 j 09:28	1°♍14'58		
morning max el	-2695 Oct 10 j 05:51	5°♍48'25	20°19'19	
greatest brilliancy	-2695 Oct 16 j 22:36	13°♍54'57	-0.6m	
	-2695 Oct 28 j 01:23	0°♎		
desc. node	-2695 Nov 06 j 01:32	13°♎44'53		
morning set	-2695 Nov 06 j 16:07	14°♎41'15		
	-2695 Nov 16 j 09:47	0°♏		
max. Earth dist.	-2695 Nov 17 j 04:54	1°♏16'37	1.43556 AU	
superior conj	-2695 Nov 22 j 23:48	10°♏41'21	-1°-35'-9	
minimum elong	-2695 Nov 22 j 17:10	10°♏14'01	1°34'40	
	-2695 Dec 04 j 09:28	0°♐		
evening rise	-2695 Dec 05 j 17:50	2°♐20'27		
asc. node	-2695 Dec 22 j 11:22	28°♐48'07		
evening max el	-2695 Dec 23 j 07:19	29°♐40'52	18°10'52	
	-2695 Dec 23 j 15:04	0°♑		
retrograde	-2695 Dec 29 j 20:13	3°♑09'27		
evening set	-2694 Jan 01 j 14:18	2°♑31'07		
	-2694 Jan 05 j 04:24	30°℞♐		
inferior conj	-2694 Jan 07 j 22:42	27°♐14'21	3°53'30	
minimum elong	-2694 Jan 07 j 21:04	27°♐18'41	3°53'17	
min. Earth dist.	-2694 Jan 10 j 14:19	24°♐27'04	0.62784 AU	
morning rise	-2694 Jan 14 j 01:57	21°♐18'21		
direct	-2694 Jan 21 j 03:00	18°♐37'57		
desc. node	-2694 Feb 02 j 00:50	24°♐33'29		
morning max el	-2694 Feb 04 j 00:07	26°♐24'38	27°43'39	
	-2694 Feb 07 j 09:21	0°♑		
	-2694 Feb 27 j 23:50	0°♒		
morning set	-2694 Mar 09 j 20:47	18°♒35'03		
	-2694 Mar 15 j 08:31	0°♓		
max. Earth dist.	-2694 Mar 15 j 11:02	0°♓13'22	1.32968 AU	
superior conj	-2694 Mar 17 j 10:22	4°♓27'39	0°-31'-13	
minimum elong	-2694 Mar 17 j 11:48	4°♓35'22	0°30'58	
asc. node	-2694 Mar 20 j 10:47	10°♓59'37		
evening rise	-2694 Mar 24 j 12:30	19°♓43'05		
	-2694 Mar 29 j 14:03	0°♈		
evening max el	-2694 Apr 17 j 10:33	27°♈46'57	23°45'50	
	-2694 Apr 19 j 22:51	0°♉		
desc. node	-2694 Apr 30 j 23:50	4°♉37'59		
retrograde	-2694 May 01 j 03:23	4°♉38'02		
evening set	-2694 May 05 j 03:59	4°♉02'14		
min. Earth dist.	-2694 May 11 j 21:36	0°♉52'16	0.56185 AU	
	-2694 May 13 j 08:12	30°℞♈		
inferior conj	-2694 May 14 j 03:27	29°♈30'39	-3°-18'-34	
minimum elong	-2694 May 13 j 21:09	29°♈40'16	3°17'03	
morning rise	-2694 May 22 j 18:01	25°♈31'21		
direct	-2694 May 25 j 07:14	25°♈14'48		
	-2694 Jun 04 j 11:24	0°♉		
morning max el	-2694 Jun 04 j 09:17	29°♈55'03	19°58'34	
asc. node	-2694 Jun 16 j 10:13	16°♉58'43		
morning set	-2694 Jun 22 j 08:30	28°♉29'20		
	-2694 Jun 23 j 02:25	0°♊		
superior conj	-2694 Jun 30 j 06:18	14°♊31'51	1°43'53	
minimum elong	-2694 Jun 30 j 04:36	14°♊23'23	1°43'52	
max. Earth dist.	-2694 Jul 05 j 16:04	25°♊04'49	1.36865 AU	
	-2694 Jul 08 j 07:10	0°♋		
evening rise	-2694 Jul 09 j 15:13	2°♋26'37		
	-2694 Jul 26 j 08:42	0°♌		
desc. node	-2694 Jul 27 j 23:03	2°♌21'01		
evening max el	-2694 Aug 14 j 11:03	24°♌15'35	25°42'49	
	-2694 Aug 21 j 21:58	0°♍		
retrograde	-2694 Aug 26 j 17:03	1°♍17'59		
	-2694 Aug 31 j 01:40	30°℞♌		
evening set	-2694 Sep 01 j 19:13	28°♌43'22		
min. Earth dist.	-2694 Sep 06 j 03:23	23°♌56'06	0.66730 AU	
inferior conj	-2694 Sep 07 j 07:40	22°♌25'37	-1°-41'-24	
minimum elong	-2694 Sep 07 j 10:05	22°♌17'53	1°40'24	
asc. node	-2694 Sep 12 j 09:22	16°♌55'32		
morning rise	-2694 Sep 13 j 01:38	16°♌27'34		
direct	-2694 Sep 16 j 07:42	15°♌26'25		
morning max el	-2694 Sep 23 j 10:53	19°♌29'44	19°18'41	
	-2694 Oct 01 j 15:49	0°♍		
greatest brilliancy	-2694 Oct 03 j 18:36	3°♍06'57	-0.7m	
morning set	-2694 Oct 16 j 20:00	23°♍15'31		
	-2694 Oct 21 j 03:30	0°♎		
desc. node	-2694 Oct 23 j 22:32	4°♎22'23		
max. Earth dist.	-2694 Oct 30 j 19:45	15°♎12'01	1.44578 AU	
superior conj	-2694 Nov 02 j 13:57	19°♎34'20	0°-59'-17	
minimum elong	-2694 Nov 02 j 07:08	19°♎07'15	0°58'30	
	-2694 Nov 09 j 02:05	0°♏		
evening rise	-2694 Nov 17 j 07:15	13°♏26'50		
	-2694 Nov 27 j 09:04	0°♐		
evening max el	-2694 Dec 06 j 19:38	13°♐02'00	18°30'42	
asc. node	-2694 Dec 09 j 08:26	15°♐13'42		
retrograde	-2694 Dec 13 j 10:24	16°♐41'51		
evening set	-2694 Dec 16 j 08:58	15°♐53'59		
inferior conj	-2694 Dec 22 j 08:51	10°♐18'24	3°31'36	
minimum elong	-2694 Dec 22 j 06:06	10°♐26'28	3°31'01	
min. Earth dist.	-2694 Dec 24 j 09:36	7°♐56'16	0.64429 AU	
morning rise	-2694 Dec 28 j 01:55	4°♐13'18		
direct	-2693 Jan 03 j 22:23	1°♐22'39		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning max el	-2693 Jan 17 j 09:14	9°♐06'22	27°19'40
desc. node	-2693 Jan 19 j 21:53	11°♐45'13	
	-2693 Feb 02 j 18:34	0°♑	
	-2693 Feb 20 j 07:16	0°♒	
morning set	-2693 Feb 21 j 14:17	2°♒30'29	
max. Earth dist.	-2693 Feb 26 j 11:27	12°♒19'45	1.33778 AU
superior conj	-2693 Mar 01 j 15:47	18°♒58'50	0°-56'-21
minimum elong	-2693 Mar 01 j 18:17	19°♒12'03	0°55'58
	-2693 Mar 06 j 20:01	0°♓	
asc. node	-2693 Mar 07 j 07:47	1°♓02'24	
evening rise	-2693 Mar 08 j 23:28	4°♓31'21	
	-2693 Mar 23 j 01:55	0°♈	
evening max el	-2693 Mar 30 j 04:19	8°♈29'15	22°11'44
retrograde	-2693 Apr 11 j 22:47	14°♈43'05	
evening set	-2693 Apr 14 j 19:20	14°♈25'03	
desc. node	-2693 Apr 17 j 20:54	13°♈29'01	
min. Earth dist.	-2693 Apr 23 j 11:21	10°♈40'24	0.55238 AU
inferior conj	-2693 Apr 24 j 03:50	10°♈17'05	-1°-43'-44
minimum elong	-2693 Apr 23 j 23:13	10°♈23'38	1°42'13
morning rise	-2693 May 03 j 04:48	6°♈20'29	
direct	-2693 May 05 j 22:36	6°♈03'30	
morning max el	-2693 May 17 j 17:15	11°♈35'03	21°18'35
	-2693 May 30 j 21:59	0°♉	
asc. node	-2693 Jun 03 j 07:14	6°♉24'34	
morning set	-2693 Jun 06 j 16:23	13°♉14'03	
superior conj	-2693 Jun 14 j 03:54	28°♉50'17	1°32'30
minimum elong	-2693 Jun 14 j 01:25	28°♉37'26	1°32'18
	-2693 Jun 14 j 17:24	0°♊	
max. Earth dist.	-2693 Jun 18 j 02:59	6°♊54'39	1.35262 AU
evening rise	-2693 Jun 22 j 14:11	15°♊37'28	
	-2693 Jun 30 j 13:25	0°♋	
desc. node	-2693 Jul 14 j 20:05	22°♋05'54	
	-2693 Jul 20 j 21:21	0°♌	
evening max el	-2693 Jul 27 j 22:21	7°♌46'20	26°41'14
retrograde	-2693 Aug 09 j 21:45	15°♌03'30	
evening set	-2693 Aug 16 j 13:12	12°♌18'40	
min. Earth dist.	-2693 Aug 20 j 13:28	8°♌09'41	0.65828 AU
inferior conj	-2693 Aug 22 j 06:10	6°♌07'56	-2°-32'-52
minimum elong	-2693 Aug 22 j 09:39	5°♌57'29	2°31'37
morning rise	-2693 Aug 28 j 07:13	0°♌22'09	
	-2693 Aug 29 j 02:03	30°℞♋	
asc. node	-2693 Aug 30 j 06:26	29°♋39'32	
direct	-2693 Aug 31 j 05:10	29°♋34'29	
	-2693 Sep 02 j 09:06	0°♌	
morning max el	-2693 Sep 06 j 21:41	3°♌16'36	18°33'39
	-2693 Sep 25 j 02:34	0°♍	
morning set	-2693 Sep 26 j 23:40	3°♍01'59	
desc. node	-2693 Oct 10 j 19:33	25°♍05'39	
superior conj	-2693 Oct 12 j 14:00	27°♍52'58	0°-11'-20
minimum elong	-2693 Oct 12 j 12:30	27°♍47'03	0°11'09
behind sun begin	-2693 Oct 12 j 04:06	27°♍14'00	
behind sun end	-2693 Oct 12 j 20:53	28°♍20'06	
max. Earth dist.	-2693 Oct 13 j 13:31	29°♍25'36	1.44893 AU
	-2693 Oct 13 j 22:16	0°♎	
evening rise	-2693 Oct 28 j 20:23	23°♎31'26	
	-2693 Nov 01 j 22:26	0°♏	
evening max el	-2693 Nov 20 j 05:43	26°♏28'01	19°08'00
	-2693 Nov 24 j 23:20	0°♐	
asc. node	-2693 Nov 26 j 05:30	0°♐22'25	
retrograde	-2693 Nov 27 j 05:27	0°♐28'01	
	-2693 Nov 29 j 10:12	30°℞♏	
evening set	-2693 Nov 30 j 10:16	29°♏28'38	
inferior conj	-2693 Dec 06 j 03:49	23°♏37'11	2°58'00
minimum elong	-2693 Dec 06 j 00:46	23°♏46'47	2°57'06
min. Earth dist.	-2693 Dec 07 j 14:09	21°♏48'57	0.65721 AU
morning rise	-2693 Dec 11 j 14:22	17°♏25'47	
direct	-2693 Dec 18 j 00:13	14°♏38'52	
morning max el	-2693 Dec 30 j 18:51	22°♏08'26	26°26'14
desc. node	-2692 Jan 06 j 18:55	0°♐04'39	
	-2692 Jan 06 j 17:25	0°♐	
	-2692 Jan 26 j 23:59	0°♑	
morning set	-2692 Feb 04 j 19:43	15°♑44'51	
max. Earth dist.	-2692 Feb 09 j 00:27	23°♑49'56	1.35039 AU
	-2692 Feb 12 j 02:26	0°♒	
superior conj	-2692 Feb 13 j 15:02	3°♒06'46	-1°-19'-39
minimum elong	-2692 Feb 13 j 18:16	3°♒23'22	1°19'15
evening rise	-2692 Feb 21 j 07:52	19°♒05'55	
asc. node	-2692 Feb 22 j 04:48	20°♒53'17	
	-2692 Feb 26 j 19:37	0°♓	
evening max el	-2692 Mar 11 j 06:28	19°♓35'32	20°46'25
retrograde	-2692 Mar 22 j 12:04	24°♓57'38	
evening set	-2692 Mar 24 j 19:23	24°♓44'58	
inferior conj	-2692 Apr 02 j 22:50	20°♓47'34	0°13'24
minimum elong	-2692 Apr 02 j 23:27	20°♓46'40	0°13'10
transit middle	-2692 Apr 02 j 23:27	20°♓46'40	0°13'10
transit begin	-2692 Apr 02 j 21:11	20°♓49'56	
transit end	-2692 Apr 03 j 01:43	20°♓43'25	
desc. node	-2692 Apr 03 j 17:57	20°♓20'05	
min. Earth dist.	-2692 Apr 04 j 01:24	20°♓09'25	0.55209 AU
morning rise	-2692 Apr 12 j 02:02	16°♓35'23	
direct	-2692 Apr 15 j 10:27	16°♓10'58	
morning max el	-2692 Apr 28 j 14:59	22°♓34'56	22°53'13
	-2692 May 05 j 02:41	0°♈	
asc. node	-2692 May 20 j 04:15	26°♈10'27	
morning set	-2692 May 21 j 03:16	28°♈09'54	
	-2692 May 22 j 00:15	0°♉	
superior conj	-2692 May 28 j 08:18	13°♉30'20	1°16'10
minimum elong	-2692 May 28 j 05:42	13°♉16'31	1°15'50
max. Earth dist.	-2692 May 30 j 23:57	19°♉05'57	1.34028 AU
evening rise	-2692 Jun 05 j 02:55	29°♉30'58	
	-2692 Jun 05 j 08:49	0°♊	
	-2692 Jun 22 j 15:35	0°♋	
desc. node	-2692 Jun 30 j 17:06	11°♋16'08	
evening max el	-2692 Jul 09 j 09:47	21°♋06'19	27°17'09
retrograde	-2692 Jul 22 j 20:53	28°♋28'27	
evening set	-2692 Jul 29 j 21:52	25°♋43'09	
min. Earth dist.	-2692 Aug 02 j 15:33	22°♋11'08	0.64559 AU
inferior conj	-2692 Aug 04 j 21:42	19°♋42'51	-3°-19'-37
minimum elong	-2692 Aug 05 j 01:46	19°♋31'40	3°18'28
morning rise	-2692 Aug 11 j 07:16	14°♋12'32	
direct	-2692 Aug 13 j 23:33	13°♋34'58	
asc. node	-2692 Aug 16 j 03:30	13°♋59'31	
morning max el	-2692 Aug 20 j 11:55	17°♋04'07	18°05'30
	-2692 Aug 29 j 19:57	0°♌	
morning set	-2692 Sep 07 j 07:03	14°♌08'31	
	-2692 Sep 16 j 19:43	0°♍	
superior conj	-2692 Sep 20 j 21:57	6°♍38'30	0°36'39
minimum elong	-2692 Sep 21 j 02:05	6°♍55'06	0°36'09
max. Earth dist.	-2692 Sep 25 j 07:18	13°♍39'22	1.44483 AU
desc. node	-2692 Sep 26 j 16:32	15°♍50'57	
	-2692 Oct 05 j 17:44	0°♎	
evening rise	-2692 Oct 07 j 11:09	2°♎40'18	
	-2692 Oct 25 j 14:23	0°♏	
greatest brilliancy	-2692 Oct 26 j 07:21	0°♏59'30	-0.6m
evening max el	-2692 Nov 02 j 11:24	9°♏55'03	20°01'07
retrograde	-2692 Nov 10 j 02:35	14°♏23'08	
asc. node	-2692 Nov 12 j 02:34	14°♏00'02	
evening set	-2692 Nov 13 j 15:45	13°♏09'44	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2692 Nov 19 j 04:47	7°♏05'26	2°16'09
minimum elong	-2692 Nov 19 j 02:05	7°♏14'26	2°15'10
min. Earth dist.	-2692 Nov 20 j 02:06	5°♏54'33	0.66646 AU
morning rise	-2692 Nov 24 j 11:48	0°♏50'17	
	-2692 Nov 25 j 12:37	30°℞♎	
direct	-2692 Nov 30 j 07:34	28°♎17'29	
	-2692 Dec 05 j 15:59	0°♏	
morning max el	-2692 Dec 12 j 03:32	5°♏19'09	25°12'08
desc. node	-2692 Dec 23 j 15:57	19°♏11'21	
	-2692 Dec 31 j 05:47	0°♐	
morning set	-2691 Jan 17 j 08:00	28°♐02'55	
	-2691 Jan 18 j 09:57	0°♑	
max. Earth dist.	-2691 Jan 21 j 02:09	4°♑55'28	1.36738 AU
superior conj	-2691 Jan 27 j 05:15	16°♑42'34	-1°-39'-20
minimum elong	-2691 Jan 27 j 08:31	16°♑58'47	1°39'05
	-2691 Feb 02 j 19:56	0°♒	
evening rise	-2691 Feb 04 j 11:36	3°♒20'15	
asc. node	-2691 Feb 08 j 01:49	10°♒26'50	
	-2691 Feb 20 j 12:52	0°♓	
evening max el	-2691 Feb 21 j 19:18	1°♓17'15	19°37'14
retrograde	-2691 Mar 03 j 07:56	5°♓49'24	
evening set	-2691 Mar 05 j 14:15	5°♓35'13	
inferior conj	-2691 Mar 14 j 02:38	1°♓31'02	2°00'07
minimum elong	-2691 Mar 14 j 07:03	1°♓24'00	1°58'45
min. Earth dist.	-2691 Mar 16 j 15:50	29°♒54'10	0.56099 AU
	-2691 Mar 16 j 12:04	30°℞♒	
desc. node	-2691 Mar 21 j 15:00	27°♒17'09	
morning rise	-2691 Mar 22 j 20:24	26°♒50'24	
direct	-2691 Mar 27 j 06:24	26°♒06'36	
	-2691 Apr 06 j 12:37	0°♓	
morning max el	-2691 Apr 10 j 06:27	3°♓10'08	24°32'55
	-2691 Apr 29 j 00:38	0°♈	
morning set	-2691 May 05 j 15:24	13°♈11'17	
asc. node	-2691 May 07 j 01:17	16°♈10'31	
superior conj	-2691 May 12 j 17:04	28°♈24'14	0°56'11
minimum elong	-2691 May 12 j 14:52	28°♈12'18	0°55'49
	-2691 May 13 j 10:46	0°♉	
max. Earth dist.	-2691 May 14 j 05:49	1°♉42'40	1.33164 AU
evening rise	-2691 May 20 j 01:24	13°♉54'45	
	-2691 May 28 j 11:38	0°♊	
desc. node	-2691 Jun 17 j 14:06	29°♊37'23	
	-2691 Jun 17 j 22:06	0°♋	
evening max el	-2691 Jun 21 j 19:27	4°♋03'12	27°24'09
retrograde	-2691 Jul 05 j 13:47	11°♋24'44	
evening set	-2691 Jul 12 j 17:52	8°♋51'39	
min. Earth dist.	-2691 Jul 16 j 07:56	5°♋50'41	0.62929 AU
inferior conj	-2691 Jul 19 j 03:32	3°♋04'49	-3°-58'-5
minimum elong	-2691 Jul 19 j 07:18	2°♋55'34	3°57'21
	-2691 Jul 22 j 12:13	30°℞♊	
morning rise	-2691 Jul 25 j 22:56	27°♊53'20	
direct	-2691 Jul 28 j 11:55	27°♊23'07	
asc. node	-2691 Aug 03 j 00:35	29°♊46'56	
	-2691 Aug 03 j 06:39	0°♋	
morning max el	-2691 Aug 04 j 03:02	0°♋47'31	17°55'16
morning set	-2691 Aug 20 j 14:00	26°♋22'56	
	-2691 Aug 22 j 15:08	0°♌	
superior conj	-2691 Sep 01 j 06:26	16°♌37'43	1°14'00
minimum elong	-2691 Sep 01 j 11:56	17°♌00'49	1°13'28
max. Earth dist.	-2691 Sep 07 j 22:20	27°♌36'32	1.43405 AU
	-2691 Sep 09 j 09:57	0°♍	
desc. node	-2691 Sep 13 j 13:32	6°♍35'35	
evening rise	-2691 Sep 16 j 16:06	11°♍26'53	
	-2691 Sep 28 j 22:03	0°♎	
greatest brilliancy	-2691 Oct 11 j 02:08	17°♎04'08	-0.5m
evening max el	-2691 Oct 16 j 11:18	23°♎21'48	21°07'31
retrograde	-2691 Oct 24 j 23:37	28°♎24'35	
evening set	-2691 Oct 28 j 23:22	26°♎54'42	
asc. node	-2691 Oct 29 j 23:38	26°♎03'06	
inferior conj	-2691 Nov 03 j 09:31	20°♎40'53	1°28'33
minimum elong	-2691 Nov 03 j 07:36	20°♎47'29	1°27'45
min. Earth dist.	-2691 Nov 03 j 19:17	20°♎07'24	0.67223 AU
morning rise	-2691 Nov 08 j 15:28	14°♎24'20	
direct	-2691 Nov 13 j 19:47	12°♎11'42	
morning max el	-2691 Nov 24 j 12:17	18°♎34'02	23°47'09
	-2691 Dec 04 j 03:00	0°♏	
desc. node	-2691 Dec 10 j 13:00	8°♏51'42	
	-2691 Dec 24 j 09:02	0°♐	
morning set	-2691 Dec 29 j 21:03	9°♐08'34	
max. Earth dist.	-2690 Jan 02 j 22:09	16°♐09'47	1.38747 AU
superior conj	-2690 Jan 10 j 06:35	29°♐35'56	-1°-52'-56
minimum elong	-2690 Jan 10 j 08:46	29°♐46'12	1°52'55
	-2690 Jan 10 j 11:41	0°♑	
evening rise	-2690 Jan 19 j 08:13	17°♑07'55	
asc. node	-2690 Jan 25 j 22:51	29°♑36'51	
	-2690 Jan 26 j 04:04	0°♒	
evening max el	-2690 Feb 04 j 18:03	13°♒33'59	18°47'24
retrograde	-2690 Feb 12 j 20:48	17°♒29'20	
evening set	-2690 Feb 15 j 06:08	17°♒10'15	
inferior conj	-2690 Feb 23 j 01:00	12°♒48'33	3°13'38
minimum elong	-2690 Feb 23 j 05:19	12°♒40'33	3°12'42
min. Earth dist.	-2690 Feb 26 j 08:01	10°♒23'49	0.57697 AU
morning rise	-2690 Mar 03 j 00:39	7°♒37'47	
direct	-2690 Mar 08 j 15:10	6°♒21'18	
desc. node	-2690 Mar 08 j 12:06	6°♒21'20	
morning max el	-2690 Mar 22 j 22:04	13°♒48'33	26°03'12
	-2690 Apr 04 j 17:30	0°♓	
morning set	-2690 Apr 20 j 03:05	28°♓11'26	
	-2690 Apr 20 j 23:41	0°♈	
asc. node	-2690 Apr 23 j 22:17	6°♈19'08	
superior conj	-2690 Apr 27 j 04:11	13°♈24'26	0°33'31
minimum elong	-2690 Apr 27 j 02:46	13°♈16'37	0°33'14
max. Earth dist.	-2690 Apr 27 j 17:18	14°♈36'06	1.32656 AU
evening rise	-2690 May 04 j 06:28	28°♈37'41	
	-2690 May 04 j 22:25	0°♉	
	-2690 May 21 j 18:57	0°♊	
evening max el	-2690 Jun 04 j 00:33	16°♊23'07	26°58'32
desc. node	-2690 Jun 04 j 11:09	16°♊48'08	
retrograde	-2690 Jun 17 j 23:41	23°♊42'36	
evening set	-2690 Jun 24 j 20:56	21°♊35'29	
min. Earth dist.	-2690 Jun 28 j 14:07	18°♊53'17	0.61002 AU
inferior conj	-2690 Jul 01 j 20:17	16°♊04'48	-4°-22'-47
minimum elong	-2690 Jul 01 j 22:19	16°♊00'24	4°22'34
morning rise	-2690 Jul 09 j 02:40	11°♊14'59	
direct	-2690 Jul 11 j 14:17	10°♊50'08	
morning max el	-2690 Jul 18 j 16:10	14°♊19'24	18°03'51
asc. node	-2690 Jul 20 j 21:39	16°♊45'51	
	-2690 Jul 29 j 10:13	0°♋	
morning set	-2690 Aug 03 j 14:43	9°♋28'40	
superior conj	-2690 Aug 13 j 18:21	27°♋58'39	1°37'14
minimum elong	-2690 Aug 13 j 22:04	28°♋15'03	1°37'02
	-2690 Aug 14 j 21:55	0°♌	
max. Earth dist.	-2690 Aug 21 j 07:56	10°♌58'47	1.41796 AU
evening rise	-2690 Aug 27 j 06:25	20°♌40'52	
desc. node	-2690 Aug 31 j 10:32	27°♌15'53	
	-2690 Sep 02 j 04:56	0°♍	
	-2690 Sep 23 j 06:53	0°♎	
greatest brilliancy	-2690 Sep 24 j 11:24	1°♎28'04	-0.3m
evening max el	-2690 Sep 29 j 05:09	6°♎47'58	22°23'36

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

retrograde	-2690 Oct 08 j 18:59	12°♎29'30	
evening set	-2690 Oct 13 j 07:16	10°♎41'11	
asc. node	-2690 Oct 16 j 20:45	6°♎48'32	
inferior conj	-2690 Oct 18 j 16:05	4°♎21'24	0°37'08
minimum elong	-2690 Oct 18 j 15:14	4°♎24'22	0°36'45
min. Earth dist.	-2690 Oct 18 j 15:18	4°♎24'08	0.67478 AU
	-2690 Oct 22 j 00:44	30℞♍	
morning rise	-2690 Oct 23 j 23:04	28°♍06'07	
direct	-2690 Oct 28 j 12:15	26°♍15'35	
	-2690 Nov 05 j 00:08	0°♎	
morning max el	-2690 Nov 06 j 23:58	1°♎53'39	22°20'42
greatest brilliancy	-2690 Nov 11 j 16:23	7°♎10'19	-0.3m
desc. node	-2690 Nov 27 j 10:03	28°♎55'56	
	-2690 Nov 28 j 03:13	0°♏	
morning set	-2690 Dec 10 j 05:44	18°♏50'47	
max. Earth dist.	-2690 Dec 15 j 19:47	28°♏04'34	1.40820 AU
	-2690 Dec 16 j 23:03	0°♐	
superior conj	-2690 Dec 23 j 14:09	11°♐34'07	-1°-57'-9
minimum elong	-2690 Dec 23 j 13:36	11°♐31'42	1°57'14
evening rise	-2689 Jan 02 j 18:41	0°♑21'30	
	-2689 Jan 02 j 14:06	0°♑	
asc. node	-2689 Jan 12 j 19:55	18°♑15'40	
evening max el	-2689 Jan 19 j 00:21	26°♑19'18	18°17'45
retrograde	-2689 Jan 26 j 04:16	29°♑53'25	
evening set	-2689 Jan 28 j 16:54	29°♑27'47	
inferior conj	-2689 Feb 04 j 20:06	24°♑44'53	3°50'49
minimum elong	-2689 Feb 04 j 22:03	24°♑40'42	3°50'34
min. Earth dist.	-2689 Feb 08 j 04:49	21°♑52'40	0.59672 AU
morning rise	-2689 Feb 11 j 23:56	19°♑10'59	
direct	-2689 Feb 18 j 12:32	17°♑15'40	
desc. node	-2689 Feb 23 j 09:12	18°♑15'57	
morning max el	-2689 Mar 04 j 18:41	24°♑55'54	27°09'17
	-2689 Mar 09 j 10:55	0°♒	
	-2689 Mar 28 j 22:10	0°♓	
morning set	-2689 Apr 04 j 12:36	13°♓04'10	
asc. node	-2689 Apr 10 j 19:20	26°♓32'01	
superior conj	-2689 Apr 11 j 15:59	28°♓25'03	0°09'03
minimum elong	-2689 Apr 11 j 15:34	28°♓22'49	0°08'57
behind sun begin	-2689 Apr 11 j 11:25	28°♓00'05	
behind sun end	-2689 Apr 11 j 19:43	28°♓45'33	
max. Earth dist.	-2689 Apr 11 j 06:37	27°♓33'48	1.32496 AU
	-2689 Apr 12 j 09:19	0°♈	
evening rise	-2689 Apr 18 j 15:44	13°♈31'39	
	-2689 Apr 27 j 01:00	0°♉	
evening max el	-2689 May 16 j 23:15	27°♉59'33	26°01'10
	-2689 May 19 j 05:01	0°♊	
desc. node	-2689 May 22 j 08:12	2°♊19'22	
retrograde	-2689 May 31 j 01:11	5°♊15'16	
evening set	-2689 Jun 06 j 03:04	3°♊45'00	
min. Earth dist.	-2689 Jun 10 j 11:52	1°♊03'58	0.58950 AU
	-2689 Jun 11 j 22:36	30℞♉	
inferior conj	-2689 Jun 13 j 20:17	28°♉33'30	-4°-25'-22
minimum elong	-2689 Jun 13 j 18:58	28°♉35'58	4°25'16
morning rise	-2689 Jun 21 j 14:42	24°♉06'12	
direct	-2689 Jun 24 j 02:12	23°♉45'30	
morning max el	-2689 Jul 02 j 00:23	27°♉31'25	18°32'13
	-2689 Jul 04 j 07:51	0°♊	
asc. node	-2689 Jul 07 j 18:43	4°♊41'09	
morning set	-2689 Jul 18 j 04:25	23°♊13'22	
	-2689 Jul 21 j 16:42	0°♋	
superior conj	-2689 Jul 27 j 05:14	10°♋28'48	1°47'33
minimum elong	-2689 Jul 27 j 06:24	10°♋34'15	1°47'35
max. Earth dist.	-2689 Aug 03 j 11:43	23°♋35'52	1.39881 AU
	-2689 Aug 07 j 05:19	0°♌	
evening rise	-2689 Aug 07 j 19:52	1°♌01'07	
desc. node	-2689 Aug 18 j 07:31	17°♌48'06	
	-2689 Aug 26 j 14:07	0°♍	
evening max el	-2689 Sep 11 j 18:23	20°♍15'46	23°44'05
retrograde	-2689 Sep 22 j 11:14	26°♍34'49	
evening set	-2689 Sep 27 j 13:42	24°♍27'22	
inferior conj	-2689 Oct 02 j 22:41	18°♍05'25	0°-16'-28
minimum elong	-2689 Oct 02 j 23:05	18°♍04'05	0°16'18
transit middle	-2689 Oct 02 j 23:05	18°♍04'05	0°16'18
transit begin	-2689 Oct 02 j 22:55	18°♍04'39	
transit end	-2689 Oct 02 j 23:15	18°♍03'31	
min. Earth dist.	-2689 Oct 02 j 11:42	18°♍42'56	0.67432 AU
asc. node	-2689 Oct 03 j 17:51	17°♍00'21	
morning rise	-2689 Oct 08 j 08:35	11°♍54'10	
direct	-2689 Oct 12 j 08:03	10°♍24'54	
morning max el	-2689 Oct 20 j 17:27	15°♍20'24	21°00'24
greatest brilliancy	-2689 Oct 26 j 09:12	21°♍57'48	-0.5m
	-2689 Nov 01 j 06:50	0°♎	
desc. node	-2689 Nov 14 j 07:03	19°♎16'45	
morning set	-2689 Nov 19 j 12:13	27°♎20'34	
	-2689 Nov 21 j 04:52	0°♏	
max. Earth dist.	-2689 Nov 27 j 23:39	10°♏51'18	1.42680 AU
superior conj	-2689 Dec 04 j 22:10	22°♏22'45	-1°-47'-59
minimum elong	-2689 Dec 04 j 17:36	22°♏03'23	1°47'47
	-2689 Dec 09 j 08:39	0°♐	
evening rise	-2689 Dec 16 j 15:04	12°♐51'44	
	-2689 Dec 26 j 11:29	0°♑	
asc. node	-2689 Dec 30 j 16:59	6°♑12'35	
evening max el	-2688 Jan 02 j 11:13	9°♑23'50	18°07'55
retrograde	-2688 Jan 09 j 02:54	12°♑50'47	
evening set	-2688 Jan 11 j 18:51	12°♑17'28	
inferior conj	-2688 Jan 18 j 09:18	7°♑12'59	3°58'48
minimum elong	-2688 Jan 18 j 08:45	7°♑14'21	3°58'43
min. Earth dist.	-2688 Jan 21 j 08:55	4°♑17'31	0.61698 AU
morning rise	-2688 Jan 24 j 20:18	1°♑23'39	
	-2688 Jan 27 j 05:17	30℞♐	
direct	-2688 Jan 31 j 20:05	28°♐55'30	
	-2688 Feb 05 j 16:43	0°♑	
desc. node	-2688 Feb 10 j 06:16	2°♑41'22	
morning max el	-2688 Feb 14 j 21:18	6°♑41'47	27°41'35
	-2688 Mar 03 j 13:52	0°♒	
morning set	-2688 Mar 18 j 17:53	27°♒41'18	
	-2688 Mar 19 j 20:51	0°♓	
max. Earth dist.	-2688 Mar 24 j 17:54	10°♓21'15	1.32686 AU
superior conj	-2688 Mar 26 j 02:42	13°♓19'11	0°-16'-26
minimum elong	-2688 Mar 26 j 03:27	13°♓23'16	0°16'19
asc. node	-2688 Mar 27 j 16:21	16°♓44'17	
evening rise	-2688 Apr 02 j 03:03	28°♓28'34	
	-2688 Apr 02 j 20:29	0°♈	
	-2688 Apr 19 j 23:36	0°♉	
evening max el	-2688 Apr 27 j 16:22	8°♉58'08	24°39'15
desc. node	-2688 May 08 j 05:15	15°♉34'51	
retrograde	-2688 May 11 j 15:50	16°♉02'11	
evening set	-2688 May 16 j 11:18	15°♉09'45	
min. Earth dist.	-2688 May 22 j 04:21	12°♉13'38	0.57061 AU
inferior conj	-2688 May 25 j 00:39	10°♉22'29	-3°-54'-53
minimum elong	-2688 May 24 j 19:32	10°♉30'51	3°53'59
morning rise	-2688 Jun 02 j 07:50	6°♉14'47	
direct	-2688 Jun 04 j 20:00	5°♉57'08	
morning max el	-2688 Jun 14 j 00:44	10°♉13'53	19°21'07
asc. node	-2688 Jun 23 j 15:46	23°♉19'46	
	-2688 Jun 27 j 07:40	0°♊	
morning set	-2688 Jul 01 j 03:22	7°♊27'39	
superior conj	-2688 Jul 09 j 09:16	23°♊51'48	1°47'33

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2688 Jul 09 j 08:23	23°♊47'30	1°47'37	
	-2688 Jul 12 j 13:45	0°♋		
max. Earth dist.	-2688 Jul 15 j 13:46	5°♋36'27	1.37921 AU	
evening rise	-2688 Jul 19 j 11:01	12°♋36'35		
	-2688 Jul 29 j 21:13	0°♌		
desc. node	-2688 Aug 04 j 04:31	8°♌07'31		
	-2688 Aug 20 j 15:36	0°♍		
evening max el	-2688 Aug 24 j 05:37	3°♍47'52	25°02'11	
retrograde	-2688 Sep 04 j 23:26	10°♍37'08		
evening set	-2688 Sep 10 j 16:55	8°♍11'42		
min. Earth dist.	-2688 Sep 15 j 06:00	3°♍02'41	0.67079 AU	
inferior conj	-2688 Sep 16 j 03:38	1°♍51'25	-1°-10'-37	
minimum elong	-2688 Sep 16 j 05:19	1°♍45'50	1°09'53	
	-2688 Sep 17 j 14:00	30°℞♌		
asc. node	-2688 Sep 19 j 14:55	27°♌38'03		
morning rise	-2688 Sep 21 j 18:10	25°♌47'26		
direct	-2688 Sep 25 j 05:59	24°♌36'49		
morning max el	-2688 Oct 02 j 18:16	28°♌56'37	19°51'40	
	-2688 Oct 03 j 18:13	0°♍		
greatest brilliancy	-2688 Oct 10 j 13:01	8°♍39'32	-0.6m	
	-2688 Oct 24 j 19:42	0°♎		
morning set	-2688 Oct 28 j 09:57	5°♎32'53		
desc. node	-2688 Oct 31 j 04:04	9°♎49'35		
max. Earth dist.	-2688 Nov 09 j 11:05	24°♎26'38	1.44070 AU	
	-2688 Nov 12 j 22:21	0°♏		
superior conj	-2688 Nov 14 j 02:59	1°♏55'38	-1°-21'-58	
minimum elong	-2688 Nov 13 j 19:34	1°♏25'40	1°21'16	
evening rise	-2688 Nov 27 j 17:03	24°♏30'56		
	-2688 Nov 30 j 22:19	0°♐		
evening max el	-2688 Dec 15 j 23:51	22°♐40'55	18°17'08	
asc. node	-2688 Dec 16 j 14:02	23°♐15'39		
retrograde	-2688 Dec 22 j 12:28	26°♐12'43		
evening set	-2688 Dec 25 j 08:21	25°♐30'29		
inferior conj	-2688 Dec 31 j 12:51	20°♐05'39	3°45'54	
minimum elong	-2688 Dec 31 j 10:38	20°♐11'48	3°45'32	
min. Earth dist.	-2687 Jan 02 j 22:18	17°♐27'28	0.63530 AU	
morning rise	-2687 Jan 06 j 11:19	14°♐05'38		
direct	-2687 Jan 13 j 11:33	11°♐18'47		
morning max el	-2687 Jan 27 j 04:34	19°♐04'58	27°37'25	
desc. node	-2687 Jan 27 j 03:21	19°♐01'57		
	-2687 Feb 05 j 12:17	0°♑		
	-2687 Feb 24 j 11:04	0°♒		
morning set	-2687 Mar 02 j 16:33	11°♒54'33		
max. Earth dist.	-2687 Mar 07 j 23:19	22°♒45'28	1.33261 AU	
superior conj	-2687 Mar 10 j 10:36	28°♒00'41	0°-42'-1	
minimum elong	-2687 Mar 10 j 12:30	28°♒10'53	0°41'41	
	-2687 Mar 11 j 08:50	0°♓		
asc. node	-2687 Mar 14 j 13:22	6°♓51'53		
evening rise	-2687 Mar 17 j 14:39	13°♓21'55		
	-2687 Mar 26 j 02:39	0°♈		
evening max el	-2687 Apr 09 j 08:11	19°♈38'55	23°05'27	
retrograde	-2687 Apr 22 j 17:23	26°♈15'43		
desc. node	-2687 Apr 25 j 02:19	26°♈03'17		
evening set	-2687 Apr 26 j 04:36	25°♈49'26		
min. Earth dist.	-2687 May 03 j 18:20	22°♈26'32	0.55684 AU	
inferior conj	-2687 May 05 j 09:37	21°♈29'18	-2°-42'-48	
minimum elong	-2687 May 05 j 03:24	21°♈38'24	2°41'02	
morning rise	-2687 May 14 j 05:08	17°♈32'50		
direct	-2687 May 16 j 19:42	17°♈16'29		
morning max el	-2687 May 27 j 14:52	22°♈17'45	20°30'21	
	-2687 Jun 03 j 02:16	0°♉		
asc. node	-2687 Jun 10 j 12:47	12°♉31'05		
morning set	-2687 Jun 15 j 08:39	22°♉03'30		
	-2687 Jun 19 j 05:16	0°♊		

superior conj	-2687 Jun 23 j 01:32	7°♊53'19	1°39'45	
minimum elong	-2687 Jun 22 j 23:25	7°♊42'33	1°39'40	
max. Earth dist.	-2687 Jun 27 j 20:22	17°♊24'31	1.36147 AU	
evening rise	-2687 Jul 01 j 23:53	25°♊16'53		
	-2687 Jul 04 j 14:00	0°♋		
desc. node	-2687 Jul 22 j 01:31	28°♋07'28		
	-2687 Jul 23 j 09:21	0°♌		
evening max el	-2687 Aug 06 j 16:48	17°♌21'24	26°10'01	
retrograde	-2687 Aug 19 j 06:46	24°♌30'37		
evening set	-2687 Aug 25 j 14:53	21°♌51'00		
min. Earth dist.	-2687 Aug 29 j 19:44	17°♌19'50	0.66392 AU	
inferior conj	-2687 Aug 31 j 05:02	15°♌36'02	-2°-3'-37	
minimum elong	-2687 Aug 31 j 07:57	15°♌26'58	2°02'30	
morning rise	-2687 Sep 06 j 01:49	9°♌42'38		
asc. node	-2687 Sep 06 j 11:58	9°♌28'39		
direct	-2687 Sep 09 j 04:14	8°♌47'29		
morning max el	-2687 Sep 16 j 01:55	12°♌40'28	18°57'31	
	-2687 Sep 28 j 16:08	0°♍		
morning set	-2687 Oct 07 j 22:35	14°♍34'41		
	-2687 Oct 17 j 17:27	0°♎		
desc. node	-2687 Oct 18 j 01:03	0°♎29'54		
max. Earth dist.	-2687 Oct 23 j 03:58	8°♎33'35	1.44809 AU	
superior conj	-2687 Oct 24 j 08:44	10°♎27'03	0°-39'-47	
minimum elong	-2687 Oct 24 j 03:40	10°♎07'04	0°39'10	
	-2687 Nov 05 j 15:18	0°♏		
evening rise	-2687 Nov 08 j 20:18	5°♏11'08		
	-2687 Nov 24 j 13:56	0°♐		
evening max el	-2687 Nov 29 j 11:30	6°♐04'38	18°44'32	
asc. node	-2687 Dec 03 j 11:05	9°♐10'24		
retrograde	-2687 Dec 06 j 05:04	9°♐51'41		
evening set	-2687 Dec 09 j 06:10	8°♐59'00		
inferior conj	-2687 Dec 15 j 03:06	3°♐16'11	3°18'32	
minimum elong	-2687 Dec 15 j 00:08	3°♐25'10	3°17'47	
min. Earth dist.	-2687 Dec 16 j 21:29	1°♐08'06	0.65029 AU	
	-2687 Dec 17 j 20:53	30°℞♏		
morning rise	-2687 Dec 20 j 17:01	27°♏08'20		
direct	-2687 Dec 27 j 09:36	24°♏18'00		
	-2686 Jan 07 j 13:03	0°♐		
morning max el	-2686 Jan 09 j 14:04	1°♐56'21	27°00'07	
desc. node	-2686 Jan 14 j 00:26	6°♐45'14		
	-2686 Jan 30 j 16:11	0°♑		
morning set	-2686 Feb 14 j 05:26	25°♑33'59		
	-2686 Feb 16 j 11:56	0°♒		
max. Earth dist.	-2686 Feb 18 j 19:17	4°♒37'07	1.34260 AU	
superior conj	-2686 Feb 22 j 13:42	12°♒23'05	-1°-6'-33	
minimum elong	-2686 Feb 22 j 16:35	12°♒38'05	1°06'08	
asc. node	-2686 Mar 01 j 10:23	26°♒50'32		
evening rise	-2686 Mar 02 j 00:47	28°♒05'33		
	-2686 Mar 02 j 22:54	0°♓		
	-2686 Mar 21 j 16:59	0°♈		
evening max el	-2686 Mar 22 j 04:59	0°♈29'16	21°33'50	
retrograde	-2686 Apr 03 j 08:42	6°♈21'55		
evening set	-2686 Apr 05 j 22:02	6°♈07'08		
desc. node	-2686 Apr 11 j 23:23	3°♈52'48		
inferior conj	-2686 Apr 15 j 06:01	2°♈05'49	0°-54'-58	
minimum elong	-2686 Apr 15 j 03:27	2°♈09'26	0°54'04	
min. Earth dist.	-2686 Apr 15 j 07:51	2°♈03'15	0.55109 AU	
	-2686 Apr 19 j 03:36	30°℞♓		
morning rise	-2686 Apr 24 j 09:19	28°♓05'15		
direct	-2686 Apr 27 j 08:00	27°♓46'13		
	-2686 May 04 j 22:42	0°♈		
morning max el	-2686 May 09 j 18:10	3°♈40'04	21°57'31	
	-2686 May 27 j 08:20	0°♉		
asc. node	-2686 May 28 j 09:49	2°♉06'59		
morning set	-2686 May 30 j 18:06	6°♉54'45		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2686 Jun 07 j 02:25	22°♉22'47	1°26'06
minimum elong	-2686 Jun 06 j 23:49	22°♉09'08	1°25'51
max. Earth dist.	-2686 Jun 10 j 11:52	29°♉24'23	1.34695 AU
	-2686 Jun 10 j 18:52	0°♊	
evening rise	-2686 Jun 15 j 05:19	8°♊48'09	
	-2686 Jun 27 j 02:35	0°♋	
desc. node	-2686 Jul 08 j 22:31	17°♋39'31	
	-2686 Jul 19 j 08:15	0°♌	
evening max el	-2686 Jul 20 j 04:20	0°♌49'23	26°59'32
retrograde	-2686 Aug 02 j 08:57	8°♌08'58	
evening set	-2686 Aug 09 j 05:16	5°♌22'24	
min. Earth dist.	-2686 Aug 13 j 02:31	1°♌29'46	0.65346 AU
	-2686 Aug 14 j 09:42	30°℞♋	
inferior conj	-2686 Aug 15 j 00:52	29°♋15'59	-2°-53'-26
minimum elong	-2686 Aug 15 j 04:42	29°♋04'57	2°52'11
morning rise	-2686 Aug 21 j 05:25	23°♋36'32	
direct	-2686 Aug 24 j 00:44	22°♋53'29	
asc. node	-2686 Aug 24 j 09:03	22°♋54'08	
morning max el	-2686 Aug 30 j 14:32	26°♋28'38	18°19'32
	-2686 Sep 02 j 15:20	0°♌	
morning set	-2686 Sep 18 j 14:13	24°♌56'12	
	-2686 Sep 21 j 16:24	0°♍	
superior conj	-2686 Oct 03 j 09:16	18°♍48'55	0°09'51
minimum elong	-2686 Oct 03 j 10:32	18°♍53'55	0°09'41
behind sun begin	-2686 Oct 03 j 01:29	18°♍18'06	
behind sun end	-2686 Oct 03 j 19:34	19°♍29'42	
desc. node	-2686 Oct 04 j 22:02	21°♍14'21	
max. Earth dist.	-2686 Oct 05 j 22:32	22°♍51'02	1.44812 AU
	-2686 Oct 10 j 11:38	0°♎	
evening rise	-2686 Oct 19 j 23:08	14°♎50'14	
	-2686 Oct 29 j 16:55	0°♏	
greatest brilliancy	-2686 Nov 03 j 21:31	7°♏51'12	-0.7m
evening max el	-2686 Nov 12 j 19:51	19°♏31'00	19°28'46
retrograde	-2686 Nov 20 j 01:24	23°♏42'14	
asc. node	-2686 Nov 20 j 08:08	23°♏41'47	
evening set	-2686 Nov 23 j 09:32	22°♏37'04	
inferior conj	-2686 Nov 29 j 00:55	16°♏39'26	2°41'05
minimum elong	-2686 Nov 28 j 21:57	16°♏49'01	2°40'06
min. Earth dist.	-2686 Nov 30 j 05:26	15°♏07'11	0.66155 AU
morning rise	-2686 Dec 04 j 09:38	10°♏26'06	
direct	-2686 Dec 10 j 13:37	7°♏44'30	
morning max el	-2686 Dec 22 j 23:33	15°♏03'50	25°56'45
desc. node	-2686 Dec 31 j 21:29	25°♏26'47	
	-2685 Jan 04 j 07:09	0°♐	
	-2685 Jan 23 j 11:31	0°♑	
morning set	-2685 Jan 28 j 04:15	8°♑26'22	
max. Earth dist.	-2685 Feb 01 j 03:33	15°♑55'44	1.35710 AU
superior conj	-2685 Feb 06 j 09:29	26°♑18'13	-1°-28'-35
minimum elong	-2685 Feb 06 j 12:51	26°♑35'14	1°28'14
	-2685 Feb 08 j 05:06	0°♒	
evening rise	-2685 Feb 14 j 07:29	12°♒32'30	
asc. node	-2685 Feb 16 j 07:25	16°♒34'54	
	-2685 Feb 23 j 13:02	0°♓	
evening max el	-2685 Mar 04 j 11:27	11°♓49'24	20°14'45
retrograde	-2685 Mar 14 j 23:37	16°♓49'55	
evening set	-2685 Mar 17 j 05:24	16°♓37'14	
inferior conj	-2685 Mar 26 j 03:07	12°♓38'24	1°01'46
minimum elong	-2685 Mar 26 j 05:47	12°♓34'25	1°00'50
min. Earth dist.	-2685 Mar 27 j 21:55	11°♓34'47	0.55475 AU
desc. node	-2685 Mar 29 j 20:29	10°♓28'43	
morning rise	-2685 Apr 04 j 03:44	8°♓15'10	
direct	-2685 Apr 07 j 21:40	7°♓44'29	
morning max el	-2685 Apr 21 j 12:44	14°♓27'18	23°35'54
	-2685 May 03 j 14:08	0°♈	
morning set	-2685 May 15 j 05:45	21°♈53'59	
asc. node	-2685 May 15 j 06:51	21°♈59'46	
	-2685 May 19 j 01:04	0°♉	
superior conj	-2685 May 22 j 08:58	7°♉10'00	1°08'05
minimum elong	-2685 May 22 j 06:29	6°♉56'40	1°07'44
max. Earth dist.	-2685 May 24 j 12:50	11°♉46'32	1.33611 AU
evening rise	-2685 May 29 j 22:38	22°♉55'52	
	-2685 Jun 02 j 13:38	0°♊	
	-2685 Jun 20 j 19:46	0°♋	
desc. node	-2685 Jun 25 j 19:33	6°♋31'19	
evening max el	-2685 Jul 02 j 15:06	14°♋00'35	27°23'48
retrograde	-2685 Jul 16 j 05:40	21°♋23'27	
evening set	-2685 Jul 23 j 09:04	18°♋41'16	
min. Earth dist.	-2685 Jul 27 j 00:31	15°♋23'51	0.63913 AU
inferior conj	-2685 Jul 29 j 12:40	12°♋46'18	-3°-37'-14
minimum elong	-2685 Jul 29 j 16:45	12°♋35'35	3°36'12
morning rise	-2685 Aug 05 j 02:19	7°♋23'57	
direct	-2685 Aug 07 j 16:52	6°♋49'55	
asc. node	-2685 Aug 11 j 06:07	7°♋53'15	
morning max el	-2685 Aug 14 j 05:34	10°♋15'55	17°58'54
	-2685 Aug 27 j 12:48	0°♌	
morning set	-2685 Aug 31 j 08:19	6°♌33'43	
superior conj	-2685 Sep 13 j 02:36	28°♌03'30	0°54'09
minimum elong	-2685 Sep 13 j 07:51	28°♌24'58	0°53'34
	-2685 Sep 14 j 07:10	0°♍	
max. Earth dist.	-2685 Sep 18 j 15:16	6°♍59'25	1.44097 AU
desc. node	-2685 Sep 21 j 19:01	12°♍00'00	
evening rise	-2685 Sep 29 j 07:36	23°♍44'14	
	-2685 Oct 03 j 09:29	0°♎	
greatest brilliancy	-2685 Oct 20 j 16:17	25°♎21'57	-0.5m
	-2685 Oct 24 j 07:28	0°♏	
evening max el	-2685 Oct 26 j 23:07	2°♏58'03	20°27'56
retrograde	-2685 Nov 03 j 22:53	7°♏40'46	
asc. node	-2685 Nov 07 j 05:13	6°♏39'19	
evening set	-2685 Nov 07 j 16:11	6°♏20'46	
inferior conj	-2685 Nov 13 j 03:47	0°♏11'49	1°56'32
minimum elong	-2685 Nov 13 j 01:22	0°♏20'00	1°55'37
	-2685 Nov 13 j 07:17	30°℞♎	
min. Earth dist.	-2685 Nov 13 j 20:03	29°♎16'52	0.66925 AU
morning rise	-2685 Nov 18 j 10:03	23°♎55'30	
direct	-2685 Nov 23 j 23:11	21°♎30'49	
morning max el	-2685 Dec 05 j 08:12	28°♎17'44	24°36'44
	-2685 Dec 06 j 23:21	0°♏	
desc. node	-2685 Dec 18 j 18:31	14°♏49'37	
	-2685 Dec 29 j 01:14	0°♐	
morning set	-2684 Jan 10 j 07:30	20°♐16'24	
max. Earth dist.	-2684 Jan 14 j 01:47	27°♐00'10	1.37560 AU
	-2684 Jan 15 j 16:56	0°♑	
superior conj	-2684 Jan 20 j 18:46	9°♑37'36	-1°-46'-1
minimum elong	-2684 Jan 20 j 21:45	9°♑52'05	1°45'53
evening rise	-2684 Jan 29 j 08:34	26°♑36'37	
	-2684 Jan 31 j 01:43	0°♒	
asc. node	-2684 Feb 03 j 04:28	5°♒59'38	
evening max el	-2684 Feb 15 j 04:46	23°♒46'57	19°13'38
retrograde	-2684 Feb 24 j 01:59	28°♒01'35	
evening set	-2684 Feb 26 j 09:12	27°♒45'45	
inferior conj	-2684 Mar 05 j 14:09	23°♒35'15	2°35'54
minimum elong	-2684 Mar 05 j 18:58	23°♒27'05	2°34'35
min. Earth dist.	-2684 Mar 08 j 13:14	21°♒35'46	0.56706 AU
morning rise	-2684 Mar 14 j 00:47	18°♒40'51	
desc. node	-2684 Mar 15 j 17:35	18°♒08'55	
direct	-2684 Mar 18 j 23:07	17°♒44'24	
morning max el	-2684 Apr 02 j 03:37	25°♒00'44	25°13'22
	-2684 Apr 06 j 18:20	0°♓	
	-2684 Apr 25 j 08:56	0°♈	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning set	-2684 Apr 28 j 17:53	6°♈55'18	
asc. node	-2684 May 01 j 03:54	12°♈03'58	
superior conj	-2684 May 05 j 18:59	22°♈07'25	0°46'52
minimum elong	-2684 May 05 j 17:04	21°♈57'00	0°46'31
max. Earth dist.	-2684 May 06 j 21:15	24°♈30'10	1.32902 AU
	-2684 May 09 j 10:32	0°♉	
evening rise	-2684 May 13 j 00:15	7°♉28'46	
	-2684 May 25 j 01:26	0°♊	
desc. node	-2684 Jun 11 j 16:36	24°♊25'42	
evening max el	-2684 Jun 13 j 23:02	26°♊42'46	27°17'19
	-2684 Jun 17 j 19:10	0°♋	
retrograde	-2684 Jun 27 j 20:04	4°♋04'19	
evening set	-2684 Jul 04 j 22:26	1°♋40'38	
	-2684 Jul 07 j 04:00	30°℞♊	
min. Earth dist.	-2684 Jul 08 j 12:40	28°♊49'23	0.62133 AU
inferior conj	-2684 Jul 11 j 13:22	26°♊00'01	-4°-10'-44
minimum elong	-2684 Jul 11 j 16:35	25°♊52'28	4°10'13
morning rise	-2684 Jul 18 j 13:19	20°♊57'30	
direct	-2684 Jul 21 j 01:21	20°♊29'55	
morning max el	-2684 Jul 27 j 20:13	23°♊55'30	17°56'31
asc. node	-2684 Jul 28 j 03:13	24°♊12'57	
	-2684 Aug 01 j 17:31	0°♋	
morning set	-2684 Aug 12 j 23:32	19°♋11'48	
	-2684 Aug 19 j 00:09	0°♌	
superior conj	-2684 Aug 23 j 23:03	8°♌38'24	1°25'34
minimum elong	-2684 Aug 24 j 04:01	8°♌59'42	1°25'10
max. Earth dist.	-2684 Aug 31 j 03:39	20°♌41'40	1.42772 AU
	-2684 Sep 05 j 22:29	0°♍	
evening rise	-2684 Sep 07 j 14:12	2°♍36'23	
desc. node	-2684 Sep 07 j 15:59	2°♍43'23	
	-2684 Sep 25 j 21:44	0°♎	
greatest brilliancy	-2684 Oct 03 j 21:51	10°♎45'07	-0.4m
evening max el	-2684 Oct 08 j 20:24	16°♎24'40	21°39'02
retrograde	-2684 Oct 17 j 19:21	21°♎43'53	
evening set	-2684 Oct 22 j 00:07	20°♎06'34	
asc. node	-2684 Oct 24 j 02:19	18°♎05'48	
inferior conj	-2684 Oct 27 j 09:32	13°♎49'55	1°07'05
minimum elong	-2684 Oct 27 j 08:02	13°♎55'05	1°06'28
min. Earth dist.	-2684 Oct 27 j 14:49	13°♎31'42	0.67370 AU
morning rise	-2684 Nov 01 j 15:40	7°♎33'22	
direct	-2684 Nov 06 j 13:29	5°♎29'50	
morning max el	-2684 Nov 16 j 17:37	11°♎33'46	23°09'56
greatest brilliancy	-2684 Nov 21 j 19:19	17°♎15'53	-0.3m
	-2684 Dec 01 j 09:19	0°♏	
desc. node	-2684 Dec 04 j 15:32	4°♏41'04	
	-2684 Dec 20 j 21:33	0°♐	
morning set	-2684 Dec 21 j 08:49	0°♐46'49	
max. Earth dist.	-2684 Dec 25 j 21:00	8°♐25'59	1.39638 AU
superior conj	-2683 Jan 02 j 13:10	22°♐09'02	-1°-56'-6
minimum elong	-2683 Jan 02 j 14:24	22°♐14'44	1°56'10
	-2683 Jan 06 j 17:46	0°♑	
evening rise	-2683 Jan 12 j 01:13	10°♑10'07	
asc. node	-2683 Jan 20 j 01:31	24°♑57'17	
	-2683 Jan 23 j 05:19	0°♒	
evening max el	-2683 Jan 28 j 07:07	6°♒16'57	18°32'23
retrograde	-2683 Feb 04 j 22:34	10°♒00'55	
evening set	-2683 Feb 07 j 09:28	9°♒39'08	
inferior conj	-2683 Feb 14 j 21:21	5°♒08'53	3°33'29
minimum elong	-2683 Feb 15 j 00:47	5°♒02'06	3°32'54
min. Earth dist.	-2683 Feb 18 j 07:00	2°♒29'25	0.58516 AU
	-2683 Feb 22 j 02:46	30°℞♑	
morning rise	-2683 Feb 22 j 12:26	29°♑47'29	
direct	-2683 Feb 28 j 13:49	28°♑14'09	
desc. node	-2683 Mar 02 j 14:40	28°♑24'35	
	-2683 Mar 07 j 04:34	0°♒	
morning max el	-2683 Mar 14 j 20:41	5°♒47'54	26°34'58
	-2683 Apr 01 j 17:11	0°♓	
morning set	-2683 Apr 13 j 04:51	21°♓52'49	
	-2683 Apr 17 j 00:08	0°♈	
asc. node	-2683 Apr 18 j 00:57	2°♈14'57	
superior conj	-2683 Apr 20 j 06:36	7°♈08'31	0°23'20
minimum elong	-2683 Apr 20 j 05:35	7°♈02'56	0°23'07
max. Earth dist.	-2683 Apr 20 j 09:54	7°♈26'39	1.32544 AU
evening rise	-2683 Apr 27 j 07:22	22°♈17'34	
	-2683 May 01 j 02:28	0°♉	
	-2683 May 19 j 08:30	0°♊	
evening max el	-2683 May 27 j 01:49	8°♊45'42	26°37'55
desc. node	-2683 May 29 j 13:39	10°♊58'43	
retrograde	-2683 Jun 10 j 02:37	16°♊03'32	
evening set	-2683 Jun 16 j 17:02	14°♊11'37	
min. Earth dist.	-2683 Jun 20 j 15:12	11°♊31'52	0.60124 AU
inferior conj	-2683 Jun 23 j 23:30	8°♊48'37	-4°-27'-16
minimum elong	-2683 Jun 24 j 00:17	8°♊47'00	4°27'11
morning rise	-2683 Jul 01 j 10:49	4°♊08'04	
direct	-2683 Jul 03 j 22:16	3°♊45'04	
morning max el	-2683 Jul 11 j 07:35	7°♊20'10	18°13'25
asc. node	-2683 Jul 15 j 00:17	11°♊37'50	
	-2683 Jul 25 j 21:08	0°♋	
morning set	-2683 Jul 27 j 06:23	2°♋36'22	
superior conj	-2683 Aug 05 j 21:28	20°♋31'06	1°43'02
minimum elong	-2683 Aug 06 j 00:06	20°♋42'59	1°42'57
	-2683 Aug 11 j 06:01	0°♌	
max. Earth dist.	-2683 Aug 13 j 10:53	3°♌46'41	1.41008 AU
evening rise	-2683 Aug 18 j 13:32	12°♌16'53	
desc. node	-2683 Aug 25 j 12:59	23°♌21'20	
	-2683 Aug 29 j 21:47	0°♍	
greatest brilliancy	-2683 Sep 16 j 09:08	24°♍07'44	-0.3m
evening max el	-2683 Sep 21 j 12:15	29°♍52'32	22°57'38
	-2683 Sep 21 j 15:14	0°♎	
retrograde	-2683 Oct 01 j 13:25	5°♎49'48	
evening set	-2683 Oct 06 j 07:36	3°♎53'28	
	-2683 Oct 09 j 20:49	30°℞♍	
asc. node	-2683 Oct 10 j 23:24	28°♍30'49	
inferior conj	-2683 Oct 11 j 16:20	27°♍32'33	0°14'34
minimum elong	-2683 Oct 11 j 16:00	27°♍33'45	0°14'26
transit middle	-2683 Oct 11 j 16:00	27°♍33'45	0°14'26
transit begin	-2683 Oct 11 j 14:44	27°♍38'06	
transit end	-2683 Oct 11 j 17:16	27°♍29'23	
min. Earth dist.	-2683 Oct 11 j 11:15	27°♍50'04	0.67506 AU
morning rise	-2683 Oct 17 j 00:21	21°♍18'42	
direct	-2683 Oct 21 j 07:37	19°♍37'15	
morning max el	-2683 Oct 30 j 07:21	24°♍55'58	21°45'19
	-2683 Nov 03 j 18:49	0°♎	
greatest brilliancy	-2683 Nov 04 j 05:52	0°♎34'07	-0.4m
desc. node	-2683 Nov 21 j 12:32	24°♎53'17	
	-2683 Nov 24 j 21:10	0°♏	
morning set	-2683 Dec 01 j 05:12	9°♏54'04	
max. Earth dist.	-2683 Dec 07 j 21:12	20°♏43'46	1.41666 AU
	-2683 Dec 13 j 08:49	0°♐	
superior conj	-2683 Dec 15 j 11:24	3°♐39'30	-1°-55'-9
minimum elong	-2683 Dec 15 j 09:14	3°♐30'00	1°55'10
evening rise	-2683 Dec 26 j 06:09	23°♐06'10	
	-2683 Dec 30 j 00:33	0°♑	
asc. node	-2682 Jan 06 j 22:34	13°♑19'27	
evening max el	-2682 Jan 11 j 15:43	19°♑11'22	18°11'08
retrograde	-2682 Jan 18 j 13:00	22°♑40'36	
evening set	-2682 Jan 21 j 03:10	22°♑11'40	
inferior conj	-2682 Jan 28 j 00:31	17°♑19'15	3°57'14

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2682 Jan 28 j 01:21	17°♉17'22	3°57'09
min. Earth dist.	-2682 Jan 31 j 06:14	14°♉23'03	0.60550 AU
morning rise	-2682 Feb 03 j 20:44	11°♉38'17	
direct	-2682 Feb 10 j 15:35	9°♉27'52	
desc. node	-2682 Feb 17 j 11:45	11°♉27'19	
morning max el	-2682 Feb 24 j 19:44	17°♉10'24	27°27'34
	-2682 Mar 07 j 11:33	0°♒	
	-2682 Mar 25 j 05:38	0°♓	
morning set	-2682 Mar 28 j 12:47	6°♓39'35	
max. Earth dist.	-2682 Apr 03 j 22:58	20°♓22'25	1.32533 AU
superior conj	-2682 Apr 04 j 18:05	22°♓06'49	0°-1'-42
minimum elong	-2682 Apr 04 j 18:09	22°♓07'14	0°01'43
behind sun begin	-2682 Apr 04 j 13:09	21°♓39'50	
behind sun end	-2682 Apr 04 j 23:10	22°♓34'38	
asc. node	-2682 Apr 04 j 21:57	22°♓28'01	
	-2682 Apr 08 j 08:44	0°♈	
evening rise	-2682 Apr 11 j 17:43	7°♈13'42	
	-2682 Apr 23 j 17:44	0°♉	
evening max el	-2682 May 08 j 21:57	20°♉04'48	25°28'46
desc. node	-2682 May 16 j 10:44	25°♉37'14	
retrograde	-2682 May 22 j 23:23	27°♉16'13	
evening set	-2682 May 28 j 13:34	26°♉02'40	
min. Earth dist.	-2682 Jun 02 j 10:04	23°♉17'13	0.58107 AU
inferior conj	-2682 Jun 05 j 15:24	21°♉01'18	-4°-17'-9
minimum elong	-2682 Jun 05 j 12:23	21°♉06'39	4°16'50
morning rise	-2682 Jun 13 j 15:08	16°♉42'55	
direct	-2682 Jun 16 j 03:04	16°♉23'29	
morning max el	-2682 Jun 24 j 12:43	20°♉20'24	18°50'31
asc. node	-2682 Jul 01 j 21:19	29°♉52'50	
	-2682 Jul 01 j 23:06	0°♊	
morning set	-2682 Jul 11 j 00:24	16°♊34'52	
	-2682 Jul 17 j 21:19	0°♋	
superior conj	-2682 Jul 19 j 16:17	3°♋25'38	1°48'39
minimum elong	-2682 Jul 19 j 16:30	3°♋26'38	1°48'43
max. Earth dist.	-2682 Jul 26 j 13:48	16°♋08'25	1.39040 AU
evening rise	-2682 Jul 30 j 14:05	23°♋09'14	
	-2682 Aug 03 j 15:56	0°♌	
desc. node	-2682 Aug 12 j 10:00	13°♌48'58	
	-2682 Aug 23 j 18:19	0°♍	
evening max el	-2682 Sep 04 j 00:20	13°♍22'13	24°17'57
retrograde	-2682 Sep 15 j 03:56	19°♍54'45	
evening set	-2682 Sep 20 j 12:54	17°♍39'10	
inferior conj	-2682 Sep 25 j 22:26	11°♍17'37	0°-39'-25
minimum elong	-2682 Sep 25 j 23:23	11°♍14'26	0°39'01
min. Earth dist.	-2682 Sep 25 j 06:57	12°♍09'45	0.67328 AU
asc. node	-2682 Sep 27 j 20:27	8°♍46'37	
morning rise	-2682 Oct 01 j 10:08	5°♍09'20	
direct	-2682 Oct 05 j 04:24	3°♍48'25	
morning max el	-2682 Oct 13 j 03:59	8°♍27'17	20°29'35
greatest brilliancy	-2682 Oct 19 j 13:16	16°♍06'45	-0.5m
	-2682 Oct 29 j 06:53	0°♎	
desc. node	-2682 Nov 08 j 09:33	15°♎20'09	
morning set	-2682 Nov 10 j 05:11	18°♎08'49	
	-2682 Nov 17 j 18:14	0°♏	
max. Earth dist.	-2682 Nov 20 j 05:02	3°♏55'33	1.43346 AU
superior conj	-2682 Nov 26 j 08:05	13°♏56'25	-1°-39'-7
minimum elong	-2682 Nov 26 j 01:54	13°♏30'48	1°38'42
	-2682 Dec 05 j 18:46	0°♐	
evening rise	-2682 Dec 08 j 19:21	5°♐16'42	
	-2682 Dec 24 j 01:07	0°♑	
asc. node	-2682 Dec 24 j 19:36	0°♑55'28	
evening max el	-2682 Dec 26 j 03:38	2°♑22'18	18°09'28
retrograde	-2681 Jan 01 j 17:02	5°♑50'14	
evening set	-2681 Jan 04 j 10:30	5°♑13'17	
inferior conj	-2681 Jan 10 j 20:22	29°♐59'36	3°55'29
minimum elong	-2681 Jan 10 j 18:59	0°♑03'11	3°55'18
	-2681 Jan 10 j 20:13	30°℞♐	
min. Earth dist.	-2681 Jan 13 j 14:09	27°♐09'35	0.62509 AU
morning rise	-2681 Jan 17 j 01:29	24°♐05'05	
direct	-2681 Jan 24 j 02:26	21°♐27'25	
desc. node	-2681 Feb 04 j 08:49	26°♐46'49	
morning max el	-2681 Feb 07 j 00:52	29°♐14'23	27°44'18
	-2681 Feb 07 j 19:04	0°♑	
	-2681 Mar 01 j 08:02	0°♒	
morning set	-2681 Mar 12 j 15:36	21°♒08'15	
	-2681 Mar 16 j 22:08	0°♓	
max. Earth dist.	-2681 Mar 18 j 08:27	3°♓02'54	1.32882 AU
superior conj	-2681 Mar 20 j 03:49	6°♓56'33	0°-27'-21
minimum elong	-2681 Mar 20 j 05:04	7°♓03'19	0°27'07
asc. node	-2681 Mar 22 j 18:59	12°♓39'07	
evening rise	-2681 Mar 27 j 05:24	22°♓10'14	
	-2681 Mar 31 j 00:56	0°♈	
	-2681 Apr 19 j 16:31	0°♉	
evening max el	-2681 Apr 20 j 13:32	0°♉51'47	23°59'53
desc. node	-2681 May 03 j 07:46	7°♉44'39	
retrograde	-2681 May 04 j 08:35	7°♉47'06	
evening set	-2681 May 08 j 14:02	7°♉07'23	
min. Earth dist.	-2681 May 15 j 00:53	4°♉01'20	0.56393 AU
inferior conj	-2681 May 17 j 11:05	2°♉31'34	-3°-29'-33
minimum elong	-2681 May 17 j 04:58	2°♉41'03	3°28'10
	-2681 May 21 j 21:11	30°℞♈	
morning rise	-2681 May 25 j 23:48	28°♈30'33	
direct	-2681 May 28 j 12:38	28°♈13'48	
	-2681 Jun 03 j 16:22	0°♉	
morning max el	-2681 Jun 07 j 08:59	2°♉47'27	19°48'13
asc. node	-2681 Jun 18 j 18:22	18°♉46'19	
	-2681 Jun 24 j 14:35	0°♊	
morning set	-2681 Jun 25 j 02:19	0°♊58'52	
superior conj	-2681 Jul 03 j 02:03	17°♊06'33	1°45'04
minimum elong	-2681 Jul 03 j 00:33	16°♊59'04	1°45'05
max. Earth dist.	-2681 Jul 08 j 16:47	27°♊59'07	1.37129 AU
	-2681 Jul 09 j 18:37	0°♋	
evening rise	-2681 Jul 12 j 15:01	5°♋13'18	
	-2681 Jul 27 j 14:19	0°♌	
desc. node	-2681 Jul 30 j 07:00	4°♌00'52	
evening max el	-2681 Aug 17 j 11:07	26°♌54'19	25°32'42
	-2681 Aug 20 j 22:07	0°♍	
retrograde	-2681 Aug 29 j 14:14	3°♍54'00	
evening set	-2681 Sep 04 j 14:09	1°♍21'34	
	-2681 Sep 06 j 00:15	30°℞♌	
min. Earth dist.	-2681 Sep 08 j 23:32	26°♌28'35	0.66827 AU
inferior conj	-2681 Sep 10 j 02:05	25°♌02'56	-1°-33'-20
minimum elong	-2681 Sep 10 j 04:19	24°♌55'44	1°32'26
asc. node	-2681 Sep 14 j 17:31	19°♌50'17	
morning rise	-2681 Sep 15 j 19:06	19°♌03'16	
direct	-2681 Sep 19 j 02:33	17°♌59'51	
morning max el	-2681 Sep 26 j 07:57	22°♌07'18	19°26'46
	-2681 Oct 02 j 17:12	0°♍	
greatest brilliancy	-2681 Oct 05 j 16:11	4°♍13'39	-0.7m
morning set	-2681 Oct 20 j 06:43	26°♍35'21	
	-2681 Oct 22 j 11:14	0°♎	
desc. node	-2681 Oct 26 j 06:32	5°♎56'33	
max. Earth dist.	-2681 Nov 02 j 18:56	17°♎45'51	1.44465 AU
superior conj	-2681 Nov 06 j 01:46	22°♎59'02	-1°-5'-43
minimum elong	-2681 Nov 05 j 18:35	22°♎30'24	1°04'57
	-2681 Nov 10 j 10:38	0°♏	
evening rise	-2681 Nov 20 j 12:10	16°♏31'57	
	-2681 Nov 28 j 14:41	0°♐	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening max el	-2681 Dec 09 j 16:07	15°♐42'42	18°26'35
asc. node	-2681 Dec 11 j 16:39	17°♐31'31	
retrograde	-2681 Dec 16 j 06:07	19°♐20'11	
evening set	-2681 Dec 19 j 03:54	18°♐33'54	
inferior conj	-2681 Dec 25 j 04:56	13°♐01'07	3°35'47
minimum elong	-2681 Dec 25 j 02:17	13°♐08'46	3°35'14
min. Earth dist.	-2681 Dec 27 j 07:58	10°♐34'21	0.64208 AU
morning rise	-2681 Dec 30 j 23:16	6°♐57'11	
direct	-2680 Jan 06 j 20:56	4°♐06'57	
morning max el	-2680 Jan 20 j 09:36	11°♐51'54	27°25'13
desc. node	-2680 Jan 22 j 05:53	13°♐46'15	
	-2680 Feb 03 j 21:55	0°♑	
	-2680 Feb 21 j 18:39	0°♒	
morning set	-2680 Feb 24 j 10:33	5°♒08'46	
max. Earth dist.	-2680 Feb 29 j 10:11	15°♒13'51	1.33630 AU
superior conj	-2680 Mar 03 j 09:56	21°♒30'42	0°-52'-39
minimum elong	-2680 Mar 03 j 12:17	21°♒43'11	0°52'15
	-2680 Mar 07 j 09:21	0°♓	
asc. node	-2680 Mar 08 j 16:00	2°♓43'22	
evening rise	-2680 Mar 10 j 16:34	6°♓59'56	
	-2680 Mar 23 j 01:54	0°♈	
evening max el	-2680 Apr 01 j 06:35	11°♈32'48	22°25'26
retrograde	-2680 Apr 14 j 05:31	17°♈53'09	
evening set	-2680 Apr 17 j 05:18	17°♈33'30	
desc. node	-2680 Apr 19 j 04:50	17°♈00'15	
min. Earth dist.	-2680 Apr 25 j 14:44	13°♈54'57	0.55324 AU
inferior conj	-2680 Apr 26 j 13:22	13°♈22'46	-2°00'-17
minimum elong	-2680 Apr 26 j 08:10	13°♈30'10	1°58'36
morning rise	-2680 May 05 j 13:06	9°♈26'39	
direct	-2680 May 08 j 05:47	9°♈10'01	
morning max el	-2680 May 19 j 18:32	14°♈33'47	21°05'34
	-2680 May 31 j 05:28	0°♉	
asc. node	-2680 Jun 04 j 15:24	8°♉08'47	
morning set	-2680 Jun 08 j 09:36	15°♉41'32	
	-2680 Jun 15 j 06:41	0°♊	
superior conj	-2680 Jun 15 j 22:23	1°♊21'05	1°34'34
minimum elong	-2680 Jun 15 j 19:58	1°♊08'39	1°34'25
max. Earth dist.	-2680 Jun 20 j 02:25	9°♊47'41	1.35479 AU
evening rise	-2680 Jun 24 j 11:33	18°♊16'58	
	-2680 Jun 30 j 22:48	0°♋	
desc. node	-2680 Jul 16 j 03:59	23°♋50'07	
	-2680 Jul 20 j 18:23	0°♌	
evening max el	-2680 Jul 29 j 22:25	10°♌26'26	26°33'52
retrograde	-2680 Aug 11 j 19:40	17°♌41'57	
evening set	-2680 Aug 18 j 09:15	14°♌58'16	
min. Earth dist.	-2680 Aug 22 j 10:42	10°♌43'26	0.65983 AU
inferior conj	-2680 Aug 24 j 01:25	8°♌46'17	-2°-25'-19
minimum elong	-2680 Aug 24 j 04:46	8°♌36'08	2°24'06
morning rise	-2680 Aug 30 j 01:19	2°♌58'17	
asc. node	-2680 Aug 31 j 14:35	2°♌19'59	
direct	-2680 Sep 02 j 00:19	2°♌08'48	
morning max el	-2680 Sep 08 j 18:00	5°♌53'37	18°39'18
	-2680 Sep 25 j 10:05	0°♍	
morning set	-2680 Sep 29 j 06:16	6°♍09'46	
desc. node	-2680 Oct 12 j 03:31	26°♍39'08	
	-2680 Oct 14 j 06:30	0°♎	
superior conj	-2680 Oct 15 j 02:35	1°♎19'07	0°-18'-54
minimum elong	-2680 Oct 15 j 00:05	1°♎09'15	0°18'36
max. Earth dist.	-2680 Oct 15 j 12:27	1°♎57'57	1.44894 AU
evening rise	-2680 Oct 31 j 04:56	26°♎45'39	
	-2680 Nov 02 j 05:42	0°♏	
evening max el	-2680 Nov 22 j 02:42	29°♏08'26	19°01'24
	-2680 Nov 22 j 23:37	0°♐	
asc. node	-2680 Nov 27 j 13:42	2°♐52'52	
retrograde	-2680 Nov 29 j 00:36	3°♐04'42	
evening set	-2680 Dec 02 j 04:24	2°♐07'07	
	-2680 Dec 04 j 18:20	30°℞♏	
inferior conj	-2680 Dec 07 j 22:46	26°♏17'54	3°03'41
minimum elong	-2680 Dec 07 j 19:44	26°♏27'24	3°02'48
min. Earth dist.	-2680 Dec 09 j 11:10	24°♏24'21	0.65557 AU
morning rise	-2680 Dec 13 j 10:06	20°♏07'25	
direct	-2680 Dec 19 j 21:54	17°♏19'09	
morning max el	-2679 Jan 01 j 19:11	24°♏51'17	26°35'41
	-2679 Jan 06 j 12:05	0°♐	
desc. node	-2679 Jan 08 j 02:57	1°♐56'54	
	-2679 Jan 27 j 08:21	0°♑	
morning set	-2679 Feb 06 j 18:03	18°♑29'57	
max. Earth dist.	-2679 Feb 11 j 00:55	26°♑48'47	1.34825 AU
	-2679 Feb 12 j 15:08	0°♒	
superior conj	-2679 Feb 15 j 10:18	5°♒42'40	-1°-16'-19
minimum elong	-2679 Feb 15 j 13:27	5°♒58'57	1°15'54
evening rise	-2679 Feb 23 j 01:29	21°♒37'00	
asc. node	-2679 Feb 23 j 13:01	22°♒36'24	
	-2679 Feb 27 j 05:26	0°♓	
evening max el	-2679 Mar 14 j 07:18	22°♓34'33	20°58'11
retrograde	-2679 Mar 25 j 18:46	28°♓04'25	
evening set	-2679 Mar 28 j 03:13	27°♓51'27	
inferior conj	-2679 Apr 06 j 08:15	23°♓53'44	0°-4'-25
minimum elong	-2679 Apr 06 j 08:02	23°♓54'02	0°04'22
transit middle	-2679 Apr 06 j 08:02	23°♓54'02	0°04'22
transit begin	-2679 Apr 06 j 04:06	23°♓59'37	
transit end	-2679 Apr 06 j 11:58	23°♓48'26	
desc. node	-2679 Apr 06 j 01:56	24°♓02'42	
min. Earth dist.	-2679 Apr 07 j 04:39	23°♓24'43	0.55154 AU
morning rise	-2679 Apr 15 j 11:51	19°♓45'07	
direct	-2679 Apr 18 j 17:27	19°♓22'22	
morning max el	-2679 May 01 j 17:33	25°♓38'50	22°38'33
	-2679 May 05 j 19:04	0°♈	
asc. node	-2679 May 22 j 12:27	27°♈52'20	
morning set	-2679 May 23 j 20:10	0°♉36'27	
	-2679 May 23 j 13:10	0°♉	
superior conj	-2679 May 31 j 01:57	15°♉58'36	1°18'55
minimum elong	-2679 May 30 j 23:20	15°♉44'44	1°18'36
max. Earth dist.	-2679 Jun 02 j 22:03	21°♉56'08	1.34188 AU
	-2679 Jun 06 j 21:11	0°♊	
evening rise	-2679 Jun 07 j 22:32	2°♊05'14	
	-2679 Jun 23 j 20:30	0°♋	
desc. node	-2679 Jul 03 j 01:01	13°♋06'36	
evening max el	-2679 Jul 12 j 10:02	23°♋49'14	27°13'31
	-2679 Jul 20 j 20:58	0°♌	
retrograde	-2679 Jul 25 j 19:33	1°♌10'38	
	-2679 Jul 30 j 09:48	30°℞♋	
evening set	-2679 Aug 01 j 19:31	28°♋24'45	
min. Earth dist.	-2679 Aug 05 j 14:06	24°♋47'28	0.64775 AU
inferior conj	-2679 Aug 07 j 18:10	22°♋22'49	-3°-13'-1
minimum elong	-2679 Aug 07 j 22:12	22°♋11'35	3°11'49
morning rise	-2679 Aug 14 j 02:24	16°♋49'57	
direct	-2679 Aug 16 j 19:26	16°♋11'01	
asc. node	-2679 Aug 18 j 11:41	16°♋25'56	
morning max el	-2679 Aug 23 j 07:54	19°♋41'23	18°08'34
	-2679 Aug 31 j 00:57	0°♌	
morning set	-2679 Sep 10 j 09:42	17°♌05'07	
	-2679 Sep 18 j 04:37	0°♍	
superior conj	-2679 Sep 24 j 07:57	9°♍56'29	0°29'54
minimum elong	-2679 Sep 24 j 11:27	10°♍10'32	0°29'29
max. Earth dist.	-2679 Sep 28 j 06:39	16°♍13'36	1.44593 AU
desc. node	-2679 Sep 29 j 00:29	17°♍24'10	
	-2679 Oct 07 j 01:23	0°♎	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening rise	-2679 Oct 10 j 22:30	6°♎01'29	
	-2679 Oct 26 j 16:30	0°♏	
greatest brilliancy	-2679 Oct 28 j 20:06	3°♏05'20	-0.6m
evening max el	-2679 Nov 05 j 09:10	12°♏35'25	19°52'19
retrograde	-2679 Nov 12 j 21:35	16°♏58'46	
asc. node	-2679 Nov 14 j 10:47	16°♏44'54	
evening set	-2679 Nov 16 j 09:26	15°♏47'31	
inferior conj	-2679 Nov 21 j 23:01	9°♏44'51	2°22'53
minimum elong	-2679 Nov 21 j 20:14	9°♏54'03	2°21'54
min. Earth dist.	-2679 Nov 22 j 22:08	8°♏28'29	0.66531 AU
morning rise	-2679 Nov 27 j 06:24	3°♏30'11	
direct	-2679 Dec 03 j 04:22	0°♏54'56	
morning max el	-2679 Dec 15 j 04:03	8°♏01'18	25°24'09
desc. node	-2679 Dec 26 j 00:00	20°♏57'26	
	-2678 Jan 01 j 10:24	0°♐	
	-2678 Jan 19 j 20:31	0°♑	
morning set	-2678 Jan 20 j 09:20	0°♑57'45	
max. Earth dist.	-2678 Jan 24 j 04:23	7°♑57'51	1.36459 AU
superior conj	-2678 Jan 30 j 02:07	19°♑24'15	-1°-36'-40
minimum elong	-2678 Jan 30 j 05:27	19°♑40'52	1°36'24
	-2678 Feb 04 j 08:08	0°♒	
evening rise	-2678 Feb 07 j 06:07	5°♒55'23	
asc. node	-2678 Feb 10 j 10:04	12°♒13'21	
	-2678 Feb 21 j 01:18	0°♓	
evening max el	-2678 Feb 24 j 18:34	4°♓11'13	19°46'21
retrograde	-2678 Mar 06 j 13:04	8°♓50'25	
evening set	-2678 Mar 08 j 19:07	8°♓36'41	
inferior conj	-2678 Mar 17 j 10:03	4°♓34'12	1°45'46
minimum elong	-2678 Mar 17 j 14:08	4°♓27'48	1°44'27
min. Earth dist.	-2678 Mar 19 j 18:55	3°♓05'48	0.55913 AU
desc. node	-2678 Mar 23 j 23:03	0°♓50'29	
morning rise	-2678 Mar 26 j 05:56	29°♒58'20	
	-2678 Mar 26 j 03:47	30°℞♒	
direct	-2678 Mar 30 j 11:34	29°♒18'28	
	-2678 Apr 03 j 18:13	0°♓	
morning max el	-2678 Apr 13 j 09:42	6°♓16'53	24°18'19
	-2678 Apr 30 j 09:27	0°♈	
morning set	-2678 May 08 j 08:17	15°♈37'56	
asc. node	-2678 May 09 j 09:30	17°♈50'59	
superior conj	-2678 May 15 j 10:16	0°♉51'22	0°59'26
minimum elong	-2678 May 15 j 07:58	0°♉38'59	0°59'03
	-2678 May 15 j 00:46	0°♉	
max. Earth dist.	-2678 May 17 j 02:53	4°♉30'06	1.33271 AU
evening rise	-2678 May 22 j 19:51	16°♉25'31	
	-2678 May 29 j 21:16	0°♊	
	-2678 Jun 18 j 13:33	0°♋	
desc. node	-2678 Jun 19 j 22:04	1°♋36'37	
evening max el	-2678 Jun 24 j 20:06	6°♋50'19	27°25'01
retrograde	-2678 Jul 08 j 13:24	14°♋12'02	
evening set	-2678 Jul 15 j 17:40	11°♋36'04	
min. Earth dist.	-2678 Jul 19 j 07:54	8°♋31'16	0.63200 AU
inferior conj	-2678 Jul 22 j 01:40	5°♋47'10	-3°-53'-3
minimum elong	-2678 Jul 22 j 05:33	5°♋37'26	3°52'12
morning rise	-2678 Jul 28 j 19:33	0°♋32'48	
direct	-2678 Jul 31 j 08:54	0°♋01'37	
asc. node	-2678 Aug 05 j 08:46	2°♋01'08	
morning max el	-2678 Aug 06 j 23:05	3°♋26'00	17°55'36
morning set	-2678 Aug 23 j 13:30	29°♋10'19	
	-2678 Aug 24 j 00:48	0°♌	
superior conj	-2678 Sep 04 j 12:19	19°♌43'25	1°09'15
minimum elong	-2678 Sep 04 j 17:52	20°♌06'34	1°08'41
	-2678 Sep 10 j 18:45	0°♍	
max. Earth dist.	-2678 Sep 10 j 22:22	0°♍14'38	1.43605 AU
desc. node	-2678 Sep 15 j 21:28	8°♍08'53	
evening rise	-2678 Sep 20 j 03:44	14°♍48'06	
	-2678 Sep 30 j 03:33	0°♎	
greatest brilliancy	-2678 Oct 13 j 19:51	19°♎26'35	-0.5m
evening max el	-2678 Oct 19 j 09:56	26°♎01'50	20°56'57
	-2678 Oct 24 j 07:40	0°♏	
retrograde	-2678 Oct 27 j 18:50	0°♏59'20	
	-2678 Oct 31 j 00:29	30°℞♎	
evening set	-2678 Oct 31 j 16:52	29°♎31'59	
asc. node	-2678 Nov 01 j 07:53	29°♎01'41	
inferior conj	-2678 Nov 06 j 03:20	23°♎19'13	1°36'02
minimum elong	-2678 Nov 06 j 01:16	23°♎26'16	1°35'12
min. Earth dist.	-2678 Nov 06 j 14:42	22°♎40'20	0.67154 AU
morning rise	-2678 Nov 11 j 09:17	17°♎02'41	
direct	-2678 Nov 16 j 15:51	14°♎46'56	
morning max el	-2678 Nov 27 j 12:46	21°♎15'54	24°00'08
	-2678 Dec 05 j 01:58	0°♏	
desc. node	-2678 Dec 12 j 21:00	10°♏33'07	
	-2678 Dec 25 j 17:04	0°♐	
morning set	-2677 Jan 02 j 02:15	12°♐15'12	
max. Earth dist.	-2677 Jan 06 j 00:50	19°♐08'44	1.38431 AU
	-2677 Jan 11 j 23:04	0°♑	
superior conj	-2677 Jan 13 j 05:39	2°♑24'30	-1°-51'-23
minimum elong	-2677 Jan 13 j 08:05	2°♑36'06	1°51'22
evening rise	-2677 Jan 22 j 04:00	19°♑47'28	
	-2677 Jan 27 j 11:56	0°♒	
asc. node	-2677 Jan 28 j 07:07	1°♒27'29	
evening max el	-2677 Feb 07 j 15:58	16°♒22'58	18°53'35
retrograde	-2677 Feb 15 j 23:14	20°♒23'01	
evening set	-2677 Feb 18 j 07:57	20°♒04'52	
inferior conj	-2677 Feb 26 j 05:22	15°♒46'10	3°04'52
minimum elong	-2677 Feb 26 j 09:55	15°♒37'58	3°03'50
min. Earth dist.	-2677 Mar 01 j 10:49	13°♒27'26	0.57422 AU
morning rise	-2677 Mar 06 j 07:58	10°♒39'22	
desc. node	-2677 Mar 10 j 20:09	9°♒30'33	
direct	-2677 Mar 11 j 18:20	9°♒28'28	
morning max el	-2677 Mar 26 j 01:02	16°♒53'24	25°50'58
	-2677 Apr 05 j 18:36	0°♓	
morning set	-2677 Apr 22 j 20:10	0°♈38'39	
	-2677 Apr 22 j 12:47	0°♈	
asc. node	-2677 Apr 26 j 06:32	7°♈58'37	
superior conj	-2677 Apr 29 j 21:10	15°♈51'03	0°37'07
minimum elong	-2677 Apr 29 j 19:36	15°♈42'30	0°36'48
max. Earth dist.	-2677 Apr 30 j 13:41	17°♈21'16	1.32710 AU
	-2677 May 06 j 11:23	0°♉	
evening rise	-2677 May 07 j 00:07	1°♉06'01	
	-2677 May 22 j 22:02	0°♊	
desc. node	-2677 Jun 06 j 19:09	18°♊59'37	
evening max el	-2677 Jun 07 j 01:54	19°♊15'51	27°04'21
retrograde	-2677 Jun 21 j 00:32	26°♊36'07	
evening set	-2677 Jun 27 j 23:32	24°♊24'10	
min. Earth dist.	-2677 Jul 01 j 15:33	21°♊40'12	0.61303 AU
inferior conj	-2677 Jul 04 j 20:34	18°♊50'47	-4°-20'-18
minimum elong	-2677 Jul 04 j 22:58	18°♊45'29	4°20'01
morning rise	-2677 Jul 12 j 01:17	13°♊57'45	
direct	-2677 Jul 14 j 12:56	13°♊32'17	
morning max el	-2677 Jul 21 j 12:43	17°♊00'12	18°01'20
asc. node	-2677 Jul 23 j 05:50	18°♊50'10	
	-2677 Jul 30 j 17:58	0°♋	
morning set	-2677 Aug 06 j 11:55	12°♋09'17	
	-2677 Aug 16 j 08:19	0°♌	
superior conj	-2677 Aug 16 j 20:24	0°♌53'04	1°34'36
minimum elong	-2677 Aug 17 j 00:28	1°♌10'57	1°34'20
max. Earth dist.	-2677 Aug 24 j 08:38	13°♌42'11	1.42059 AU
evening rise	-2677 Aug 30 j 15:32	23°♌55'07	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

desc. node	-2677 Sep 02 j 18:28	28°♌50'12	
	-2677 Sep 03 j 12:24	0°♍	
	-2677 Sep 24 j 05:00	0°♎	
greatest brilliancy	-2677 Sep 27 j 10:46	4°♎06'43	-0.3m
evening max el	-2677 Oct 02 j 04:35	9°♎27'58	22°11'51
retrograde	-2677 Oct 11 j 14:33	15°♎03'58	
evening set	-2677 Oct 16 j 00:48	13°♎18'33	
asc. node	-2677 Oct 19 j 04:57	9°♎56'54	
inferior conj	-2677 Oct 21 j 09:44	6°♎59'21	0°45'06
minimum elong	-2677 Oct 21 j 08:42	7°♎02'56	0°44'40
min. Earth dist.	-2677 Oct 21 j 10:30	6°♎56'43	0.67458 AU
morning rise	-2677 Oct 26 j 16:25	0°♎43'34	
	-2677 Oct 27 j 15:54	30°℞♍	
direct	-2677 Oct 31 j 07:46	28°♍49'43	
	-2677 Nov 04 j 07:47	0°♎	
morning max el	-2677 Nov 09 j 23:46	4°♎34'40	22°33'18
greatest brilliancy	-2677 Nov 14 j 16:08	9°♎50'24	-0.3m
	-2677 Nov 29 j 08:48	0°♏	
desc. node	-2677 Nov 29 j 18:00	0°♏34'01	
morning set	-2677 Dec 13 j 15:16	22°♏09'42	
	-2677 Dec 18 j 08:35	0°♐	
max. Earth dist.	-2677 Dec 18 j 21:27	0°♐54'27	1.40516 AU
superior conj	-2677 Dec 26 j 16:09	14°♐31'20	-1°-57'-18
minimum elong	-2677 Dec 26 j 16:08	14°♐31'14	1°57'23
	-2676 Jan 04 j 00:43	0°♑	
evening rise	-2676 Jan 05 j 16:09	3°♑06'06	
asc. node	-2676 Jan 15 j 04:10	20°♑11'16	
evening max el	-2676 Jan 21 j 21:17	29°♑04'09	18°20'56
	-2676 Jan 22 j 21:50	0°♒	
retrograde	-2676 Jan 29 j 03:54	2°♒40'21	
evening set	-2676 Jan 31 j 16:02	2°♒15'48	
	-2676 Feb 04 j 20:58	30°℞♑	
inferior conj	-2676 Feb 07 j 21:24	27°♑36'19	3°47'13
minimum elong	-2676 Feb 07 j 23:45	27°♑31'22	3°46'55
min. Earth dist.	-2676 Feb 11 j 06:48	24°♑46'30	0.59366 AU
morning rise	-2676 Feb 15 j 04:04	22°♑05'19	
direct	-2676 Feb 21 j 14:06	20°♑15'29	
desc. node	-2676 Feb 25 j 17:13	20°♑58'58	
morning max el	-2676 Mar 06 j 20:37	27°♑54'34	27°01'25
	-2676 Mar 08 j 21:37	0°♒	
	-2676 Mar 29 j 07:56	0°♓	
morning set	-2676 Apr 06 j 06:04	15°♓32'23	
asc. node	-2676 Apr 12 j 03:34	28°♓10'52	
	-2676 Apr 12 j 23:30	0°♈	
superior conj	-2676 Apr 13 j 08:56	0°♈51'37	0°12'51
minimum elong	-2676 Apr 13 j 08:21	0°♈48'28	0°12'44
behind sun begin	-2676 Apr 13 j 05:23	0°♈32'10	
behind sun end	-2676 Apr 13 j 11:20	1°♈04'47	
max. Earth dist.	-2676 Apr 13 j 02:50	0°♈18'12	1.32496 AU
evening rise	-2676 Apr 20 j 08:50	15°♈58'24	
	-2676 Apr 27 j 10:22	0°♉	
	-2676 May 18 j 01:40	0°♊	
evening max el	-2676 May 19 j 01:37	0°♊58'44	26°11'32
desc. node	-2676 May 23 j 16:13	4°♊47'58	
retrograde	-2676 Jun 02 j 03:32	8°♊15'20	
evening set	-2676 Jun 08 j 08:58	6°♊39'22	
min. Earth dist.	-2676 Jun 12 j 14:30	3°♊59'09	0.59250 AU
inferior conj	-2676 Jun 15 j 23:16	1°♊24'37	-4°-26'-53
minimum elong	-2676 Jun 15 j 22:33	1°♊26'01	4°26'50
	-2676 Jun 17 j 20:20	30°℞♉	
morning rise	-2676 Jun 23 j 15:49	26°♉53'56	
direct	-2676 Jun 26 j 03:13	26°♉32'42	
	-2676 Jul 03 j 15:09	0°♊	
morning max el	-2676 Jul 03 j 21:50	0°♊15'34	18°26'41
asc. node	-2676 Jul 09 j 02:53	6°♊37'39	
morning set	-2676 Jul 19 j 23:56	25°♊48'46	
	-2676 Jul 22 j 04:17	0°♋	
superior conj	-2676 Jul 29 j 04:11	13°♋13'42	1°46'42
minimum elong	-2676 Jul 29 j 05:43	13°♋20'50	1°46'43
max. Earth dist.	-2676 Aug 05 j 13:01	26°♋25'31	1.40175 AU
	-2676 Aug 07 j 15:00	0°♌	
evening rise	-2676 Aug 10 j 01:09	4°♌04'25	
desc. node	-2676 Aug 19 j 15:28	19°♌24'00	
	-2676 Aug 26 j 18:18	0°♍	
evening max el	-2676 Sep 13 j 18:23	22°♍55'39	23°32'05
retrograde	-2676 Sep 24 j 07:18	29°♍09'18	
evening set	-2676 Sep 29 j 07:32	27°♍04'50	
inferior conj	-2676 Oct 04 j 16:25	20°♍43'02	0°-8'-14
minimum elong	-2676 Oct 04 j 16:36	20°♍42'23	0°08'10
transit middle	-2676 Oct 04 j 16:36	20°♍42'23	0°08'10
transit begin	-2676 Oct 04 j 14:15	20°♍50'25	
transit end	-2676 Oct 04 j 18:57	20°♍34'21	
min. Earth dist.	-2676 Oct 04 j 06:59	21°♍15'19	0.67461 AU
asc. node	-2676 Oct 05 j 02:00	20°♍10'15	
morning rise	-2676 Oct 10 j 01:45	14°♍30'55	
direct	-2676 Oct 14 j 03:12	12°♍58'30	
morning max el	-2676 Oct 22 j 16:08	17°♍59'53	21°11'40
greatest brilliancy	-2676 Oct 28 j 02:46	24°♍19'30	-0.5m
	-2676 Nov 01 j 08:57	0°♎	
desc. node	-2676 Nov 15 j 14:59	20°♎52'34	
	-2676 Nov 21 j 12:45	0°♏	
morning set	-2676 Nov 22 j 00:51	0°♏47'26	
max. Earth dist.	-2676 Nov 30 j 00:09	13°♏33'08	1.42433 AU
superior conj	-2676 Dec 07 j 03:59	25°♏30'58	-1°-50'-25
minimum elong	-2676 Dec 07 j 00:02	25°♏14'06	1°50'16
	-2676 Dec 09 j 18:28	0°♐	
evening rise	-2676 Dec 18 j 14:50	15°♐42'48	
	-2676 Dec 26 j 16:34	0°♑	
asc. node	-2675 Jan 01 j 01:12	8°♑14'49	
evening max el	-2675 Jan 04 j 07:38	12°♑06'02	18°08'09
retrograde	-2675 Jan 11 j 00:23	15°♑33'01	
evening set	-2675 Jan 13 j 15:54	15°♑00'49	
inferior conj	-2675 Jan 20 j 08:04	9°♑59'31	3°59'06
minimum elong	-2675 Jan 20 j 07:51	10°♑00'03	3°59'01
min. Earth dist.	-2675 Jan 23 j 09:31	7°♑03'06	0.61407 AU
morning rise	-2675 Jan 26 j 21:19	4°♑12'14	
direct	-2675 Feb 02 j 20:16	1°♑48'11	
desc. node	-2675 Feb 11 j 14:16	5°♑03'20	
morning max el	-2675 Feb 16 j 22:14	9°♑33'38	27°39'08
	-2675 Mar 04 j 18:36	0°♒	
	-2675 Mar 21 j 09:45	0°♓	
morning set	-2675 Mar 21 j 12:05	0°♓11'59	
max. Earth dist.	-2675 Mar 27 j 14:38	13°♓07'53	1.32630 AU
superior conj	-2675 Mar 28 j 19:53	15°♓46'53	0°-12'-33
minimum elong	-2675 Mar 28 j 20:27	15°♓50'00	0°12'27
behind sun begin	-2675 Mar 28 j 17:18	15°♓32'48	
behind sun end	-2675 Mar 28 j 23:36	16°♓07'13	
asc. node	-2675 Mar 30 j 00:35	18°♓23'28	
	-2675 Apr 04 j 09:29	0°♈	
evening rise	-2675 Apr 04 j 19:56	0°♈55'14	
	-2675 Apr 20 j 21:49	0°♉	
evening max el	-2675 Apr 30 j 19:31	12°♉02'43	24°52'42
desc. node	-2675 May 10 j 13:16	18°♉26'41	
retrograde	-2675 May 14 j 19:50	19°♉08'55	
evening set	-2675 May 19 j 20:18	18°♉11'22	
min. Earth dist.	-2675 May 25 j 07:34	15°♉18'25	0.57318 AU
inferior conj	-2675 May 28 j 06:44	13°♉20'23	-4°-2'-9
minimum elong	-2675 May 28 j 02:07	13°♉28'06	4°01'25
morning rise	-2675 Jun 05 j 11:56	9°♉09'58	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

direct	-2675 Jun 08 j 00:02	8°♉51'53	
morning max el	-2675 Jun 16 j 23:30	13°♉03'05	19°12'28
asc. node	-2675 Jun 25 j 23:56	25°♉10'38	
	-2675 Jun 28 j 17:11	0°♊	
morning set	-2675 Jul 03 j 21:43	9°♊59'28	
superior conj	-2675 Jul 12 j 05:59	26°♊29'51	1°48'06
minimum elong	-2675 Jul 12 j 05:22	26°♊26'52	1°48'10
	-2675 Jul 14 j 01:40	0°♋	
max. Earth dist.	-2675 Jul 18 j 15:14	8°♋31'38	1.38210 AU
evening rise	-2675 Jul 22 j 12:40	15°♋29'13	
	-2675 Jul 31 j 04:53	0°♌	
desc. node	-2675 Aug 06 j 12:29	9°♌45'54	
	-2675 Aug 21 j 09:15	0°♍	
evening max el	-2675 Aug 27 j 05:51	6°♍27'23	24°50'58
retrograde	-2675 Sep 07 j 20:04	13°♍12'21	
evening set	-2675 Sep 13 j 11:20	10°♍49'27	
min. Earth dist.	-2675 Sep 18 j 01:44	5°♍35'03	0.67158 AU
inferior conj	-2675 Sep 18 j 21:42	4°♍28'49	-1°-2'-23
minimum elong	-2675 Sep 18 j 23:12	4°♍23'51	1°01'46
asc. node	-2675 Sep 21 j 23:03	0°♍40'27	
	-2675 Sep 22 j 14:21	30°℞♌	
morning rise	-2675 Sep 24 j 11:27	28°♌23'35	
direct	-2675 Sep 28 j 00:55	27°♌10'20	
	-2675 Oct 03 j 23:47	0°♍	
morning max el	-2675 Oct 05 j 15:51	1°♍34'38	20°01'00
greatest brilliancy	-2675 Oct 13 j 00:34	10°♍40'01	-0.6m
	-2675 Oct 26 j 02:27	0°♎	
morning set	-2675 Oct 31 j 22:18	8°♎57'48	
desc. node	-2675 Nov 02 j 11:59	11°♎23'51	
max. Earth dist.	-2675 Nov 12 j 10:49	27°♎03'07	1.43908 AU
	-2675 Nov 14 j 06:59	0°♏	
superior conj	-2675 Nov 17 j 12:52	5°♏14'58	-1°-27'-1
minimum elong	-2675 Nov 17 j 05:38	4°♏45'31	1°26'24
evening rise	-2675 Nov 30 j 19:50	27°♏30'12	
	-2675 Dec 02 j 06:46	0°♐	
asc. node	-2675 Dec 18 j 22:13	25°♐26'44	
evening max el	-2675 Dec 18 j 20:09	25°♐21'32	18°14'33
retrograde	-2675 Dec 25 j 08:39	28°♐51'53	
evening set	-2675 Dec 28 j 03:55	28°♐11'00	
inferior conj	-2674 Jan 03 j 09:43	22°♐48'53	3°48'53
minimum elong	-2674 Jan 03 j 07:41	22°♐54'26	3°48'34
min. Earth dist.	-2674 Jan 05 j 21:20	20°♐07'17	0.63278 AU
morning rise	-2674 Jan 09 j 09:47	16°♐50'17	
direct	-2674 Jan 16 j 10:30	14°♐05'23	
desc. node	-2674 Jan 29 j 11:19	21°♐08'45	
morning max el	-2674 Jan 30 j 04:58	21°♐51'41	27°40'20
	-2674 Feb 06 j 09:11	0°♑	
	-2674 Feb 25 j 21:01	0°♒	
morning set	-2674 Mar 05 j 11:53	14°♒29'09	
max. Earth dist.	-2674 Mar 10 j 21:14	25°♒36'30	1.33147 AU
	-2674 Mar 12 j 22:38	0°♓	
superior conj	-2674 Mar 13 j 04:18	0°♓30'24	0°-38'-11
minimum elong	-2674 Mar 13 j 06:02	0°♓39'45	0°37'52
asc. node	-2674 Mar 16 j 21:36	8°♓31'53	
evening rise	-2674 Mar 20 j 07:36	15°♓49'26	
	-2674 Mar 27 j 10:46	0°♈	
evening max el	-2674 Apr 12 j 11:05	22°♈43'55	23°19'40
retrograde	-2674 Apr 25 j 23:11	29°♈26'04	
desc. node	-2674 Apr 27 j 10:20	29°♈21'17	
evening set	-2674 Apr 29 j 15:00	28°♈56'46	
min. Earth dist.	-2674 May 06 j 21:36	25°♈38'45	0.55841 AU
inferior conj	-2674 May 08 j 18:19	24°♈32'49	-2°-56'-29
minimum elong	-2674 May 08 j 11:57	24°♈42'15	2°54'45
morning rise	-2674 May 17 j 12:08	20°♈35'43	

direct	-2674 May 20 j 02:14	20°♈19'19	
morning max el	-2674 May 30 j 15:14	25°♈12'54	20°18'50
	-2674 Jun 03 j 22:47	0°♉	
asc. node	-2674 Jun 12 j 20:59	14°♉17'34	
morning set	-2674 Jun 18 j 02:14	24°♉32'35	
	-2674 Jun 20 j 18:13	0°♊	
superior conj	-2674 Jun 25 j 20:44	10°♊26'27	1°41'22
minimum elong	-2674 Jun 25 j 18:45	10°♊16'26	1°41'17
max. Earth dist.	-2674 Jun 30 j 20:53	20°♊20'09	1.36394 AU
evening rise	-2674 Jul 04 j 22:38	28°♊00'32	
	-2674 Jul 06 j 00:46	0°♋	
desc. node	-2674 Jul 24 j 09:31	29°♋49'15	
	-2674 Jul 24 j 12:30	0°♌	
evening max el	-2674 Aug 09 j 16:56	20°♌00'40	26°00'47
retrograde	-2674 Aug 22 j 04:08	27°♌07'31	
evening set	-2674 Aug 28 j 10:15	24°♌29'30	
min. Earth dist.	-2674 Sep 01 j 16:15	19°♌52'43	0.66522 AU
inferior conj	-2674 Sep 02 j 23:46	18°♌13'32	-1°-55'-44
minimum elong	-2674 Sep 03 j 02:31	18°♌04'55	1°54'40
morning rise	-2674 Sep 08 j 19:33	12°♌18'29	
asc. node	-2674 Sep 08 j 20:07	12°♌17'38	
direct	-2674 Sep 11 j 23:12	11°♌21'18	
morning max el	-2674 Sep 18 j 22:38	15°♌17'34	19°04'34
	-2674 Sep 29 j 21:21	0°♍	
morning set	-2674 Oct 11 j 07:36	17°♍49'20	
	-2674 Oct 19 j 01:36	0°♎	
desc. node	-2674 Oct 20 j 09:00	2°♎03'19	
max. Earth dist.	-2674 Oct 26 j 03:13	11°♎07'01	1.44743 AU
superior conj	-2674 Oct 27 j 21:17	13°♎53'07	0°-46'-55
minimum elong	-2674 Oct 27 j 15:28	13°♎30'09	0°46'15
	-2674 Nov 06 j 23:33	0°♏	
evening rise	-2674 Nov 12 j 02:45	8°♏20'03	
	-2674 Nov 25 j 14:50	0°♐	
evening max el	-2674 Dec 02 j 08:08	8°♐44'47	18°39'18
asc. node	-2674 Dec 05 j 19:14	11°♐33'05	
retrograde	-2674 Dec 09 j 00:33	12°♐29'10	
evening set	-2674 Dec 12 j 00:44	11°♐38'10	
inferior conj	-2674 Dec 17 j 22:38	5°♐57'45	3°23'24
minimum elong	-2674 Dec 17 j 19:44	6°♐06'28	3°22'43
min. Earth dist.	-2674 Dec 19 j 19:12	3°♐44'39	0.64827 AU
	-2674 Dec 23 j 09:18	30°℞♏	
morning rise	-2674 Dec 23 j 13:35	29°♏50'48	
direct	-2674 Dec 30 j 07:35	27°♏00'10	
	-2673 Jan 07 j 03:36	0°♐	
morning max el	-2673 Jan 12 j 14:28	4°♐40'33	27°07'33
desc. node	-2673 Jan 16 j 08:23	8°♐41'41	
	-2673 Jan 31 j 22:13	0°♑	
morning set	-2673 Feb 17 j 02:30	28°♑14'36	
	-2673 Feb 18 j 00:09	0°♒	
max. Earth dist.	-2673 Feb 21 j 18:57	7°♒34'02	1.34085 AU
superior conj	-2673 Feb 25 j 08:17	14°♒56'06	-1°-2'-58
minimum elong	-2673 Feb 25 j 11:02	15°♒10'31	1°02'33
asc. node	-2673 Mar 03 j 18:38	28°♒32'07	
	-2673 Mar 04 j 11:25	0°♓	
evening rise	-2673 Mar 04 j 18:07	0°♓34'57	
	-2673 Mar 22 j 00:15	0°♈	
evening max el	-2673 Mar 25 j 06:38	3°♈30'26	21°46'48
retrograde	-2673 Apr 06 j 15:47	9°♈30'51	
evening set	-2673 Apr 09 j 07:18	9°♈15'08	
desc. node	-2673 Apr 14 j 07:23	7°♈30'49	
inferior conj	-2673 Apr 18 j 15:46	5°♈11'44	-1°-12'-39
minimum elong	-2673 Apr 18 j 12:24	5°♈16'27	1°11'31
min. Earth dist.	-2673 Apr 18 j 11:05	5°♈18'19	0.55134 AU
morning rise	-2673 Apr 27 j 18:26	1°♈13'02	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

direct	-2673 Apr 30 j 15:12	0°♈54'53	
morning max el	-2673 May 12 j 20:08	6°♈40'53	21°43'42
	-2673 May 28 j 19:08	0°♉	
asc. node	-2673 May 30 j 18:04	3°♉49'53	
morning set	-2673 Jun 02 j 11:12	9°♉21'22	
superior conj	-2673 Jun 09 j 20:32	24°♉51'58	1°28'29
minimum elong	-2673 Jun 09 j 17:58	24°♉38'33	1°28'15
	-2673 Jun 12 j 08:06	0°♊	
max. Earth dist.	-2673 Jun 13 j 10:43	2°♊15'39	1.34883 AU
evening rise	-2673 Jun 18 j 01:52	11°♊24'30	
	-2673 Jun 28 j 10:41	0°♋	
desc. node	-2673 Jul 11 j 06:32	19°♋25'56	
	-2673 Jul 19 j 19:29	0°♌	
evening max el	-2673 Jul 23 j 04:21	3°♌29'30	26°53'37
retrograde	-2673 Aug 05 j 07:14	10°♌48'29	
evening set	-2673 Aug 12 j 01:58	8°♌02'13	
min. Earth dist.	-2673 Aug 16 j 00:13	4°♌03'58	0.65522 AU
inferior conj	-2673 Aug 17 j 20:36	1°♌54'13	-2°-46'-15
minimum elong	-2673 Aug 18 j 00:19	1°♌43'20	2°44'59
	-2673 Aug 19 j 12:35	30°℞♋	
morning rise	-2673 Aug 23 j 23:55	26°♋12'34	
direct	-2673 Aug 26 j 20:05	25°♋28'00	
asc. node	-2673 Aug 26 j 17:14	25°♋28'04	
morning max el	-2673 Sep 02 j 10:43	29°♋05'24	18°24'07
	-2673 Sep 03 j 07:22	0°♌	
morning set	-2673 Sep 21 j 19:03	27°♌58'23	
	-2673 Sep 23 j 00:53	0°♍	
superior conj	-2673 Oct 06 j 21:07	22°♍12'10	0°02'24
minimum elong	-2673 Oct 06 j 21:26	22°♍13'26	0°02'22
behind sun begin	-2673 Oct 06 j 10:18	21°♍29'23	
behind sun end	-2673 Oct 07 j 08:34	22°♍57'26	
desc. node	-2673 Oct 07 j 06:01	22°♍47'20	
max. Earth dist.	-2673 Oct 08 j 21:36	25°♍23'25	1.44854 AU
	-2673 Oct 11 j 19:54	0°♎	
evening rise	-2673 Oct 23 j 09:07	18°♎07'33	
	-2673 Oct 30 j 22:55	0°♏	
greatest brilliancy	-2673 Nov 06 j 02:38	9°♏27'06	-0.7m
evening max el	-2673 Nov 15 j 17:07	22°♏10'50	19°21'12
retrograde	-2673 Nov 22 j 20:34	26°♏18'07	
asc. node	-2673 Nov 22 j 16:19	26°♏17'56	
evening set	-2673 Nov 26 j 03:27	25°♏15'03	
inferior conj	-2673 Dec 01 j 19:33	19°♏19'28	2°47'15
minimum elong	-2673 Dec 01 j 16:33	19°♏29'07	2°46'19
min. Earth dist.	-2673 Dec 03 j 02:04	17°♏41'35	0.66009 AU
morning rise	-2673 Dec 07 j 04:50	13°♏06'42	
direct	-2673 Dec 13 j 10:55	10°♏23'03	
morning max el	-2673 Dec 26 j 00:07	17°♏46'30	26°07'27
desc. node	-2672 Jan 03 j 05:26	27°♏15'36	
	-2672 Jan 05 j 07:45	0°♐	
	-2672 Jan 24 j 21:04	0°♑	
morning set	-2672 Jan 31 j 03:46	11°♑15'01	
max. Earth dist.	-2672 Feb 04 j 04:52	18°♑56'20	1.35468 AU
superior conj	-2672 Feb 09 j 05:22	28°♑55'47	-1°-25'-29
minimum elong	-2672 Feb 09 j 08:42	29°♑12'45	1°25'07
	-2672 Feb 09 j 17:58	0°♒	
evening rise	-2672 Feb 17 j 01:28	15°♒04'36	
asc. node	-2672 Feb 18 j 15:39	18°♒18'45	
	-2672 Feb 24 j 18:54	0°♓	
evening max el	-2672 Mar 06 j 11:33	14°♓45'24	20°25'25
retrograde	-2672 Mar 17 j 05:55	19°♓53'25	
evening set	-2672 Mar 19 j 11:56	19°♓40'53	
inferior conj	-2672 Mar 28 j 11:51	15°♓42'52	0°44'57
minimum elong	-2672 Mar 28 j 13:51	15°♓39'56	0°44'14
min. Earth dist.	-2672 Mar 30 j 01:14	14°♓48'02	0.55364 AU
desc. node	-2672 Mar 31 j 04:29	14°♓09'01	
morning rise	-2672 Apr 06 j 13:36	11°♓23'37	
direct	-2672 Apr 10 j 03:57	10°♓55'25	
morning max el	-2672 Apr 23 j 15:45	17°♓32'05	23°21'00
	-2672 May 03 j 17:07	0°♈	
morning set	-2672 May 16 j 22:37	24°♈19'22	
asc. node	-2672 May 16 j 15:08	23°♈40'14	
	-2672 May 19 j 14:55	0°♉	
superior conj	-2672 May 24 j 02:25	9°♉36'47	1°11'04
minimum elong	-2672 May 23 j 23:52	9°♉23'13	1°10'42
max. Earth dist.	-2672 May 26 j 10:15	14°♉33'27	1.33744 AU
evening rise	-2672 May 31 j 17:41	25°♉27'23	
	-2672 Jun 03 j 01:20	0°♊	
	-2672 Jun 20 j 21:21	0°♋	
desc. node	-2672 Jun 27 j 03:34	8°♋24'43	
evening max el	-2672 Jul 04 j 15:23	16°♋44'05	27°22'10
retrograde	-2672 Jul 18 j 04:55	24°♋07'04	
evening set	-2672 Jul 25 j 07:36	21°♋23'29	
min. Earth dist.	-2672 Jul 28 j 23:44	18°♋01'06	0.64142 AU
inferior conj	-2672 Jul 31 j 09:48	15°♋26'31	-3°-31'-14
minimum elong	-2672 Jul 31 j 13:54	15°♋15'34	3°30'08
morning rise	-2672 Aug 06 j 22:01	10°♋01'20	
direct	-2672 Aug 09 j 13:04	9°♋26'11	
asc. node	-2672 Aug 12 j 14:21	10°♋13'41	
morning max el	-2672 Aug 16 j 01:35	12°♋53'12	18°00'51
	-2672 Aug 27 j 20:50	0°♌	
morning set	-2672 Sep 02 j 09:35	9°♌25'42	
	-2672 Sep 14 j 16:16	0°♍	
superior conj	-2672 Sep 15 j 10:59	1°♍16'16	0°48'11
minimum elong	-2672 Sep 15 j 15:56	1°♍36'22	0°47'35
max. Earth dist.	-2672 Sep 20 j 14:39	9°♍33'43	1.44246 AU
desc. node	-2672 Sep 23 j 02:59	13°♍32'57	
evening rise	-2672 Oct 01 j 19:30	27°♍06'07	
	-2672 Oct 03 j 16:39	0°♎	
greatest brilliancy	-2672 Oct 22 j 07:38	27°♎36'40	-0.6m
	-2672 Oct 24 j 02:46	0°♏	
evening max el	-2672 Oct 28 j 21:16	5°♏37'52	20°18'17
retrograde	-2672 Nov 05 j 17:57	10°♏15'23	
asc. node	-2672 Nov 08 j 13:24	9°♏29'45	
evening set	-2672 Nov 09 j 09:45	8°♏57'47	
inferior conj	-2672 Nov 14 j 21:50	2°♏50'27	2°03'39
minimum elong	-2672 Nov 14 j 19:18	2°♏58'57	2°02'42
min. Earth dist.	-2672 Nov 15 j 15:51	1°♏49'50	0.66837 AU
	-2672 Nov 17 j 01:22	30°℞♎	
morning rise	-2672 Nov 20 j 04:18	26°♎34'26	
direct	-2672 Nov 25 j 19:47	24°♎06'43	
	-2672 Dec 06 j 08:40	0°♏	
morning max el	-2672 Dec 07 j 08:43	0°♏59'05	24°49'13
desc. node	-2672 Dec 20 j 02:28	16°♏32'44	
	-2672 Dec 29 j 07:51	0°♐	
morning set	-2671 Jan 12 j 10:18	23°♐15'01	
max. Earth dist.	-2671 Jan 16 j 04:03	29°♐59'34	1.37268 AU
	-2671 Jan 16 j 04:08	0°♑	
superior conj	-2671 Jan 22 j 16:26	12°♑20'56	-1°-43'-47
minimum elong	-2671 Jan 22 j 19:33	12°♑36'10	1°43'37
evening rise	-2671 Jan 31 j 03:31	29°♑12'10	
	-2671 Jan 31 j 13:06	0°♒	
asc. node	-2671 Feb 04 j 12:41	7°♒46'30	
evening max el	-2671 Feb 17 j 03:23	26°♒37'32	19°21'29
	-2671 Feb 21 j 22:10	0°♓	
retrograde	-2671 Feb 26 j 05:46	0°♓57'52	
evening set	-2671 Feb 28 j 12:37	0°♓42'41	
	-2671 Mar 02 j 19:04	30°℞♒	
inferior conj	-2671 Mar 08 j 20:13	26°♒34'39	2°23'52

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2671 Mar 09 j 00:58	26°♒26'46	2°22'31
min. Earth dist.	-2671 Mar 11 j 16:16	24°♒42'44	0.56482 AU
morning rise	-2671 Mar 17 j 09:29	21°♒44'59	
desc. node	-2671 Mar 18 j 01:35	21°♒31'36	
direct	-2671 Mar 22 j 03:33	20°♒53'10	
morning max el	-2671 Apr 05 j 06:41	28°♒05'25	24°59'29
	-2671 Apr 07 j 04:02	0°♓	
	-2671 Apr 26 j 20:23	0°♈	
morning set	-2671 May 01 j 10:46	9°♈20'33	
asc. node	-2671 May 03 j 12:09	13°♈42'52	
superior conj	-2671 May 08 j 12:01	24°♈32'54	0°50'15
minimum elong	-2671 May 08 j 09:59	24°♈21'55	0°49'54
max. Earth dist.	-2671 May 09 j 17:49	27°♈14'34	1.32985 AU
	-2671 May 11 j 00:30	0°♉	
evening rise	-2671 May 15 j 18:15	9°♉57'10	
	-2671 May 26 j 09:19	0°♊	
desc. node	-2671 Jun 14 j 00:38	26°♊29'02	
evening max el	-2671 Jun 17 j 00:02	29°♊31'34	27°20'28
	-2671 Jun 17 j 12:06	0°♋	
retrograde	-2671 Jun 30 j 20:15	6°♋53'06	
evening set	-2671 Jul 07 j 23:22	4°♋25'56	
min. Earth dist.	-2671 Jul 11 j 13:23	1°♋31'30	0.62413 AU
	-2671 Jul 13 j 04:18	30°℞♊	
inferior conj	-2671 Jul 14 j 12:21	28°♊43'04	-4°-6'-38
minimum elong	-2671 Jul 14 j 15:48	28°♊34'51	4°06'02
morning rise	-2671 Jul 21 j 10:41	23°♊37'18	
direct	-2671 Jul 23 j 23:00	23°♊08'49	
asc. node	-2671 Jul 30 j 11:26	26°♊21'53	
morning max el	-2671 Jul 30 j 16:24	26°♊33'55	17°55'42
	-2671 Aug 02 j 15:57	0°♋	
morning set	-2671 Aug 15 j 22:01	21°♋55'41	
	-2671 Aug 20 j 10:33	0°♌	
superior conj	-2671 Aug 27 j 03:13	11°♌38'26	1°21'44
minimum elong	-2671 Aug 27 j 08:26	12°♌00'37	1°21'17
max. Earth dist.	-2671 Sep 03 j 04:00	23°♌21'27	1.43003 AU
	-2671 Sep 07 j 07:00	0°♍	
desc. node	-2671 Sep 09 j 23:59	4°♍16'50	
evening rise	-2671 Sep 11 j 01:07	5°♍55'12	
	-2671 Sep 27 j 01:29	0°♎	
greatest brilliancy	-2671 Oct 06 j 17:51	13°♎13'54	-0.4m
evening max el	-2671 Oct 11 j 19:30	19°♎04'37	21°27'49
retrograde	-2671 Oct 20 j 14:38	24°♎17'52	
evening set	-2671 Oct 24 j 17:35	22°♎43'13	
asc. node	-2671 Oct 26 j 10:29	21°♎08'46	
inferior conj	-2671 Oct 30 j 03:15	16°♎27'31	1°14'51
minimum elong	-2671 Oct 30 j 01:35	16°♎33'14	1°14'09
min. Earth dist.	-2671 Oct 30 j 10:05	16°♎03'58	0.67329 AU
morning rise	-2671 Nov 04 j 09:16	10°♎10'58	
direct	-2671 Nov 09 j 09:24	8°♎04'09	
morning max el	-2671 Nov 19 j 17:47	14°♎14'26	23°22'53
greatest brilliancy	-2671 Nov 25 j 06:45	20°♎30'16	-0.2m
	-2671 Dec 02 j 12:12	0°♏	
desc. node	-2671 Dec 06 j 23:29	6°♏20'19	
	-2671 Dec 22 j 06:34	0°♐	
morning set	-2671 Dec 24 j 15:50	3°♐57'58	
max. Earth dist.	-2671 Dec 28 j 23:22	11°♐20'45	1.39325 AU
superior conj	-2670 Jan 05 j 13:23	25°♐00'30	-1°-55'-13
minimum elong	-2670 Jan 05 j 15:00	25°♐07'58	1°55'15
	-2670 Jan 08 j 05:12	0°♑	
evening rise	-2670 Jan 14 j 21:37	12°♑50'53	
asc. node	-2670 Jan 22 j 09:43	26°♑48'47	
	-2670 Jan 24 j 07:23	0°♒	
evening max el	-2670 Jan 31 j 04:34	9°♒03'25	18°37'15
retrograde	-2670 Feb 07 j 23:40	12°♒51'00	
evening set	-2670 Feb 10 j 10:04	12°♒30'10	
inferior conj	-2670 Feb 18 j 00:20	8°♒02'57	3°27'06
minimum elong	-2670 Feb 18 j 04:07	7°♒55'39	3°26'24
min. Earth dist.	-2670 Feb 21 j 09:22	5°♒28'15	0.58222 AU
morning rise	-2670 Feb 25 j 18:27	2°♒45'12	
direct	-2670 Mar 03 j 16:13	1°♒17'53	
desc. node	-2670 Mar 04 j 22:38	1°♒21'54	
morning max el	-2670 Mar 17 j 23:08	8°♒49'24	26°24'24
	-2670 Apr 02 j 23:13	0°♓	
morning set	-2670 Apr 15 j 22:01	24°♓19'28	
	-2670 Apr 18 j 14:05	0°♈	
asc. node	-2670 Apr 20 j 09:09	3°♈53'18	
superior conj	-2670 Apr 22 j 23:29	9°♈34'07	0°27'01
minimum elong	-2670 Apr 22 j 22:19	9°♈27'43	0°26'47
max. Earth dist.	-2670 Apr 23 j 06:13	10°♈11'01	1.32580 AU
evening rise	-2670 Apr 30 j 00:43	24°♈44'29	
	-2670 May 02 j 14:25	0°♉	
	-2670 May 20 j 05:48	0°♊	
evening max el	-2670 May 30 j 03:41	11°♊40'43	26°45'44
desc. node	-2670 May 31 j 21:41	13°♊16'12	
retrograde	-2670 Jun 13 j 03:50	18°♊58'52	
evening set	-2670 Jun 19 j 20:58	17°♊01'26	
min. Earth dist.	-2670 Jun 23 j 17:08	14°♊21'11	0.60437 AU
inferior conj	-2670 Jun 27 j 00:51	11°♊35'46	-4°-26'-14
minimum elong	-2670 Jun 27 j 02:06	11°♊33'08	4°26'08
morning rise	-2670 Jul 04 j 10:25	6°♊51'53	
direct	-2670 Jul 06 j 21:56	6°♊28'14	
morning max el	-2670 Jul 14 j 04:24	10°♊00'58	18°09'39
asc. node	-2670 Jul 17 j 08:29	13°♊37'37	
	-2670 Jul 27 j 07:26	0°♋	
morning set	-2670 Jul 30 j 02:46	5°♋13'39	
superior conj	-2670 Aug 08 j 22:02	23°♋20'01	1°41'12
minimum elong	-2670 Aug 09 j 01:03	23°♋33'33	1°41'06
	-2670 Aug 12 j 16:31	0°♌	
max. Earth dist.	-2670 Aug 16 j 12:08	6°♌32'45	1.41290 AU
evening rise	-2670 Aug 21 j 21:02	15°♌25'31	
desc. node	-2670 Aug 27 j 20:59	24°♌55'35	
	-2670 Aug 31 j 04:27	0°♍	
greatest brilliancy	-2670 Sep 19 j 14:29	27°♍02'39	-0.3m
	-2670 Sep 22 j 03:10	0°♎	
evening max el	-2670 Sep 24 j 11:59	2°♎31'39	22°45'40
retrograde	-2670 Oct 04 j 09:06	8°♎23'22	
evening set	-2670 Oct 09 j 01:14	6°♎29'47	
asc. node	-2670 Oct 13 j 07:34	1°♎39'46	
inferior conj	-2670 Oct 14 j 09:58	0°♎09'14	0°22'41
minimum elong	-2670 Oct 14 j 09:26	0°♎11'03	0°22'27
min. Earth dist.	-2670 Oct 14 j 06:22	0°♎21'39	0.67504 AU
	-2670 Oct 14 j 12:38	30°℞♍	
morning rise	-2670 Oct 19 j 17:35	23°♍54'53	
direct	-2670 Oct 24 j 02:53	22°♍10'17	
morning max el	-2670 Nov 02 j 06:42	27°♍35'32	21°57'33
	-2670 Nov 04 j 12:24	0°♎	
greatest brilliancy	-2670 Nov 07 j 02:13	3°♎03'19	-0.4m
desc. node	-2670 Nov 23 j 20:29	26°♎29'45	
	-2670 Nov 26 j 04:07	0°♏	
morning set	-2670 Dec 04 j 16:25	13°♏16'56	
max. Earth dist.	-2670 Dec 10 j 22:43	23°♏30'46	1.41376 AU
	-2670 Dec 14 j 18:46	0°♐	
superior conj	-2670 Dec 18 j 14:59	6°♐40'48	-1°-56'-12
minimum elong	-2670 Dec 18 j 13:25	6°♐33'54	1°56'14
evening rise	-2670 Dec 29 j 04:33	25°♐53'08	
	-2670 Dec 31 j 09:58	0°♑	
asc. node	-2669 Jan 09 j 06:44	15°♑16'53	
evening max el	-2669 Jan 14 j 12:22	21°♑54'28	18°13'02

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

retrograde	-2669 Jan 21 j 11:45	25°♉25'12	
evening set	-2669 Jan 24 j 01:22	24°♉57'26	
inferior conj	-2669 Jan 31 j 00:42	20°♉08'16	3°55'30
minimum elong	-2669 Jan 31 j 01:55	20°♉05'33	3°55'21
min. Earth dist.	-2669 Feb 03 j 07:37	17°♉13'01	0.60241 AU
morning rise	-2669 Feb 06 j 23:30	14°♉29'37	
direct	-2669 Feb 13 j 16:21	12°♉24'25	
desc. node	-2669 Feb 19 j 19:42	14°♉00'38	
morning max el	-2669 Feb 27 j 21:19	20°♉06'13	27°21'58
	-2669 Mar 08 j 09:33	0°♒	
	-2669 Mar 26 j 17:06	0°♓	
morning set	-2669 Mar 31 j 06:31	9°♓08'23	
superior conj	-2669 Apr 07 j 11:04	24°♓33'09	0°02'10
minimum elong	-2669 Apr 07 j 10:59	24°♓32'38	0°02'09
behind sun begin	-2669 Apr 07 j 06:00	24°♓05'22	
behind sun end	-2669 Apr 07 j 15:58	24°♓59'55	
max. Earth dist.	-2669 Apr 06 j 19:28	23°♓07'47	1.32514 AU
asc. node	-2669 Apr 07 j 06:09	24°♓06'11	
	-2669 Apr 09 j 22:49	0°♈	
evening rise	-2669 Apr 14 j 10:41	9°♈39'49	
	-2669 Apr 25 j 00:09	0°♉	
evening max el	-2669 May 12 j 00:36	23°♉05'23	25°40'30
desc. node	-2669 May 18 j 18:44	28°♉14'09	
	-2669 May 23 j 07:34	0°♊	
retrograde	-2669 May 26 j 02:14	0°♊18'29	
	-2669 May 28 j 20:34	30°℞♉	
evening set	-2669 May 31 j 20:49	28°♉59'03	
min. Earth dist.	-2669 Jun 05 j 12:50	26°♉15'30	0.58401 AU
inferior conj	-2669 Jun 08 j 19:36	23°♉54'02	-4°-20'-55
minimum elong	-2669 Jun 08 j 17:11	23°♉58'24	4°20'41
morning rise	-2669 Jun 16 j 17:28	19°♉32'41	
direct	-2669 Jun 19 j 05:17	19°♉12'48	
morning max el	-2669 Jun 27 j 10:39	23°♉05'27	18°43'41
	-2669 Jul 03 j 01:53	0°♊	
asc. node	-2669 Jul 04 j 05:31	1°♊45'46	
morning set	-2669 Jul 13 j 19:19	19°♊07'22	
	-2669 Jul 19 j 09:27	0°♋	
superior conj	-2669 Jul 22 j 14:10	6°♋06'15	1°48'27
minimum elong	-2669 Jul 22 j 14:42	6°♋08'48	1°48'31
max. Earth dist.	-2669 Jul 29 j 15:12	18°♋59'23	1.39333 AU
evening rise	-2669 Aug 02 j 17:39	26°♋06'19	
	-2669 Aug 05 j 01:15	0°♌	
desc. node	-2669 Aug 14 j 18:00	15°♌25'01	
	-2669 Aug 24 j 20:02	0°♍	
evening max el	-2669 Sep 07 j 00:22	16°♍00'32	24°06'13
retrograde	-2669 Sep 18 j 00:17	22°♍28'40	
evening set	-2669 Sep 23 j 06:57	20°♍15'50	
min. Earth dist.	-2669 Sep 28 j 02:20	14°♍41'08	0.67368 AU
inferior conj	-2669 Sep 28 j 16:16	13°♍54'00	0°-31'-13
minimum elong	-2669 Sep 28 j 17:00	13°♍51'29	0°30'53
asc. node	-2669 Sep 30 j 04:37	11°♍52'58	
morning rise	-2669 Oct 04 j 03:17	7°♍44'42	
direct	-2669 Oct 07 j 23:19	6°♍20'58	
morning max el	-2669 Oct 16 j 02:15	11°♍05'31	20°40'09
greatest brilliancy	-2669 Oct 22 j 04:51	18°♍21'02	-0.5m
	-2669 Oct 30 j 11:54	0°♎	
desc. node	-2669 Nov 10 j 17:29	16°♎54'41	
morning set	-2669 Nov 13 j 18:16	21°♎35'58	
	-2669 Nov 19 j 02:42	0°♏	
max. Earth dist.	-2669 Nov 23 j 05:13	6°♏34'23	1.43123 AU
superior conj	-2669 Nov 29 j 15:42	17°♏09'05	-1°-42'-39
minimum elong	-2669 Nov 29 j 10:03	16°♏45'29	1°42'20
	-2669 Dec 07 j 04:26	0°♐	
evening rise	-2669 Dec 11 j 20:22	8°♐10'59	
	-2669 Dec 24 j 20:59	0°♑	
asc. node	-2669 Dec 27 j 03:46	3°♑00'39	
evening max el	-2669 Dec 28 j 23:57	5°♑03'16	18°08'30
retrograde	-2668 Jan 04 j 14:01	8°♑30'42	
evening set	-2668 Jan 07 j 06:53	7°♑55'04	
inferior conj	-2668 Jan 13 j 18:19	2°♑44'34	3°57'01
minimum elong	-2668 Jan 13 j 17:13	2°♑47'23	3°56'53
	-2668 Jan 16 j 11:02	30°℞♐	
min. Earth dist.	-2668 Jan 16 j 14:14	29°♐52'10	0.62230 AU
morning rise	-2668 Jan 20 j 01:24	26°♐51'41	
direct	-2668 Jan 27 j 02:06	24°♐17'00	
desc. node	-2668 Feb 06 j 16:45	29°♐01'31	
	-2668 Feb 07 j 20:26	0°♑	
morning max el	-2668 Feb 10 j 01:41	2°♑04'04	27°44'06
	-2668 Mar 01 j 15:39	0°♒	
morning set	-2668 Mar 14 j 10:15	23°♒40'03	
	-2668 Mar 17 j 11:44	0°♓	
max. Earth dist.	-2668 Mar 20 j 05:37	5°♓50'39	1.32804 AU
superior conj	-2668 Mar 21 j 21:11	9°♓24'20	0°-23'-27
minimum elong	-2668 Mar 21 j 22:15	9°♓30'10	0°23'15
asc. node	-2668 Mar 24 j 03:10	14°♓17'38	
evening rise	-2668 Mar 28 j 22:16	24°♓36'21	
	-2668 Mar 31 j 12:43	0°♈	
	-2668 Apr 18 j 23:57	0°♉	
evening max el	-2668 Apr 22 j 16:35	3°♉55'47	24°13'50
desc. node	-2668 May 04 j 15:47	10°♉46'21	
retrograde	-2668 May 06 j 13:33	10°♉54'42	
evening set	-2668 May 10 j 23:51	10°♉10'49	
min. Earth dist.	-2668 May 17 j 04:10	7°♉08'28	0.56614 AU
inferior conj	-2668 May 19 j 18:19	5°♉30'52	-3°-39'-34
minimum elong	-2668 May 19 j 12:28	5°♉40'06	3°38'20
morning rise	-2668 May 28 j 05:06	1°♉27'45	
direct	-2668 May 30 j 17:37	1°♉10'46	
morning max el	-2668 Jun 09 j 08:26	5°♉38'15	19°38'18
asc. node	-2668 Jun 20 j 02:34	20°♉34'14	
	-2668 Jun 25 j 02:25	0°♊	
morning set	-2668 Jun 26 j 20:14	3°♊28'03	
superior conj	-2668 Jul 04 j 22:01	19°♊41'14	1°46'07
minimum elong	-2668 Jul 04 j 20:43	19°♊34'49	1°46'08
	-2668 Jul 10 j 06:23	0°♋	
max. Earth dist.	-2668 Jul 10 j 17:38	0°♋52'42	1.37401 AU
evening rise	-2668 Jul 14 j 15:15	8°♋00'38	
	-2668 Jul 27 j 20:50	0°♌	
desc. node	-2668 Jul 31 j 15:01	5°♌39'46	
evening max el	-2668 Aug 19 j 11:14	29°♌32'28	25°22'19
	-2668 Aug 19 j 22:34	0°♍	
retrograde	-2668 Aug 31 j 11:17	6°♍28'57	
evening set	-2668 Sep 06 j 08:56	3°♍58'53	
	-2668 Sep 10 j 00:53	30°℞♌	
min. Earth dist.	-2668 Sep 10 j 19:36	29°♌00'12	0.66919 AU
inferior conj	-2668 Sep 11 j 20:24	27°♌39'32	-1°-25'-17
minimum elong	-2668 Sep 11 j 22:27	27°♌32'53	1°24'26
asc. node	-2668 Sep 16 j 01:43	22°♌46'16	
morning rise	-2668 Sep 17 j 12:31	21°♌38'15	
direct	-2668 Sep 20 j 21:24	20°♌32'25	
morning max el	-2668 Sep 28 j 05:09	24°♌44'09	19°35'09
	-2668 Oct 02 j 16:20	0°♍	
greatest brilliancy	-2668 Oct 06 j 21:52	5°♍50'45	-0.7m
morning set	-2668 Oct 22 j 17:54	29°♍55'50	
	-2668 Oct 22 j 18:59	0°♎	
desc. node	-2668 Oct 27 j 14:29	7°♎29'51	
max. Earth dist.	-2668 Nov 04 j 18:09	20°♎19'12	1.44338 AU
superior conj	-2668 Nov 08 j 13:08	26°♎21'44	-1°-11'-50
minimum elong	-2668 Nov 08 j 05:44	25°♎52'07	1°11'04

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2668 Nov 10 j 19:24	0°♏	
evening rise	-2668 Nov 22 j 16:28	19°♏34'39	
	-2668 Nov 28 j 21:32	0°♐	
evening max el	-2668 Dec 11 j 12:34	18°♐22'47	18°22'56
asc. node	-2668 Dec 13 j 00:50	19°♐46'48	
retrograde	-2668 Dec 18 j 01:56	21°♐58'03	
evening set	-2668 Dec 20 j 23:01	21°♐13'14	
inferior conj	-2668 Dec 27 j 01:13	15°♐43'17	3°39'36
minimum elong	-2668 Dec 26 j 22:42	15°♐50'25	3°39'09
min. Earth dist.	-2668 Dec 29 j 06:32	13°♐12'12	0.63979 AU
morning rise	-2667 Jan 01 j 20:55	9°♐40'37	
direct	-2667 Jan 08 j 19:40	6°♐51'10	
morning max el	-2667 Jan 22 j 09:58	14°♐36'54	27°30'08
desc. node	-2667 Jan 23 j 13:49	15°♐47'46	
	-2667 Feb 04 j 00:06	0°♑	
	-2667 Feb 22 j 05:53	0°♒	
morning set	-2667 Feb 26 j 06:36	7°♒45'26	
max. Earth dist.	-2667 Mar 03 j 08:40	18°♒06'10	1.33489 AU
superior conj	-2667 Mar 06 j 04:01	24°♒01'30	0°-48'-52
minimum elong	-2667 Mar 06 j 06:13	24°♒13'12	0°48'30
	-2667 Mar 08 j 23:02	0°♓	
asc. node	-2667 Mar 11 j 00:13	4°♓23'18	
evening rise	-2667 Mar 13 j 09:40	9°♓27'39	
	-2667 Mar 24 j 05:11	0°♈	
evening max el	-2667 Apr 04 j 09:09	14°♈36'40	22°39'24
retrograde	-2667 Apr 17 j 12:05	21°♈03'10	
evening set	-2667 Apr 20 j 15:32	20°♈41'31	
desc. node	-2667 Apr 21 j 12:50	20°♈27'58	
min. Earth dist.	-2667 Apr 28 j 18:12	17°♈08'48	0.55429 AU
inferior conj	-2667 Apr 29 j 22:51	16°♈27'48	-2°-16'-10
minimum elong	-2667 Apr 29 j 17:10	16°♈35'56	2°14'25
morning rise	-2667 May 08 j 21:11	12°♈31'52	
direct	-2667 May 11 j 12:57	12°♈15'26	
morning max el	-2667 May 22 j 19:38	17°♈31'19	20°52'52
	-2667 Jun 01 j 11:08	0°♉	
asc. node	-2667 Jun 06 j 23:39	9°♉53'20	
morning set	-2667 Jun 11 j 02:56	18°♉09'07	
	-2667 Jun 16 j 20:04	0°♊	
superior conj	-2667 Jun 18 j 17:05	3°♊52'03	1°36'33
minimum elong	-2667 Jun 18 j 14:45	3°♊40'09	1°36'24
max. Earth dist.	-2667 Jun 23 j 02:13	12°♊41'20	1.35708 AU
evening rise	-2667 Jun 27 j 09:19	20°♊57'14	
	-2667 Jul 02 j 08:45	0°♋	
desc. node	-2667 Jul 18 j 12:02	25°♋33'21	
	-2667 Jul 21 j 17:50	0°♌	
evening max el	-2667 Aug 01 j 22:34	13°♌05'47	26°25'54
retrograde	-2667 Aug 14 j 17:26	20°♌19'13	
evening set	-2667 Aug 21 j 05:07	17°♌36'54	
min. Earth dist.	-2667 Aug 25 j 07:47	13°♌16'14	0.66137 AU
inferior conj	-2667 Aug 26 j 20:33	11°♌23'45	-2°-17'-41
minimum elong	-2667 Aug 26 j 23:45	11°♌13'57	2°16'29
morning rise	-2667 Sep 01 j 19:20	5°♌33'43	
asc. node	-2667 Sep 02 j 22:48	5°♌02'02	
direct	-2667 Sep 04 j 19:28	4°♌42'19	
morning max el	-2667 Sep 11 j 14:24	8°♌29'47	18°45'16
	-2667 Sep 26 j 17:20	0°♍	
morning set	-2667 Oct 02 j 13:27	9°♍18'20	
desc. node	-2667 Oct 14 j 11:31	28°♍11'46	
	-2667 Oct 15 j 14:59	0°♎	
superior conj	-2667 Oct 18 j 15:14	4°♎44'25	0°-26'-26
minimum elong	-2667 Oct 18 j 11:45	4°♎30'44	0°25'59
max. Earth dist.	-2667 Oct 18 j 11:25	4°♎29'26	1.44881 AU
evening rise	-2667 Nov 03 j 12:53	29°♎57'23	
	-2667 Nov 03 j 13:33	0°♏	

	-2667 Nov 23 j 08:40	0°♐	
evening max el	-2667 Nov 24 j 23:37	1°♐47'57	18°55'12
asc. node	-2667 Nov 29 j 21:55	5°♐20'25	
retrograde	-2667 Dec 01 j 19:49	5°♐40'44	
evening set	-2667 Dec 04 j 22:40	4°♐44'52	
	-2667 Dec 09 j 21:36	30°℞♏	
inferior conj	-2667 Dec 10 j 17:53	28°♏57'51	3°09'08
minimum elong	-2667 Dec 10 j 14:51	29°♏07'13	3°08'19
min. Earth dist.	-2667 Dec 12 j 08:22	26°♏59'08	0.65380 AU
morning rise	-2667 Dec 16 j 06:03	22°♏48'21	
direct	-2667 Dec 22 j 19:39	19°♏59'03	
morning max el	-2666 Jan 04 j 19:29	27°♏33'29	26°44'44
	-2666 Jan 07 j 03:25	0°♐	
desc. node	-2666 Jan 10 j 10:53	3°♐49'04	
	-2666 Jan 28 j 16:20	0°♑	
morning set	-2666 Feb 09 j 16:06	21°♑13'25	
max. Earth dist.	-2666 Feb 14 j 01:18	29°♑47'06	1.34617 AU
	-2666 Feb 14 j 03:52	0°♒	
superior conj	-2666 Feb 18 j 05:25	8°♒17'30	-1°-12'-53
minimum elong	-2666 Feb 18 j 08:29	8°♒33'24	1°12'29
evening rise	-2666 Feb 25 j 19:05	24°♒07'24	
asc. node	-2666 Feb 25 j 21:15	24°♒18'35	
	-2666 Feb 28 j 16:20	0°♓	
evening max el	-2666 Mar 17 j 08:27	25°♓34'09	21°10'22
	-2666 Mar 23 j 15:36	0°♈	
retrograde	-2666 Mar 29 j 01:41	1°♈11'58	
evening set	-2666 Mar 31 j 11:35	0°♈58'31	
	-2666 Apr 03 j 19:25	30°℞♓	
desc. node	-2666 Apr 08 j 09:55	27°♓44'54	
inferior conj	-2666 Apr 09 j 17:56	27°♓00'00	0°-22'-27
minimum elong	-2666 Apr 09 j 16:52	27°♓01'29	0°22'06
min. Earth dist.	-2666 Apr 10 j 07:56	26°♓40'13	0.55117 AU
morning rise	-2666 Apr 18 j 21:39	22°♓54'37	
direct	-2666 Apr 22 j 00:41	22°♓33'20	
morning max el	-2666 May 04 j 20:03	28°♓42'00	22°24'02
	-2666 May 06 j 03:48	0°♈	
asc. node	-2666 May 24 j 20:42	29°♈34'19	
	-2666 May 25 j 01:44	0°♉	
morning set	-2666 May 26 j 13:12	3°♉02'59	
superior conj	-2666 Jun 02 j 19:47	18°♉27'00	1°21'35
minimum elong	-2666 Jun 02 j 17:10	18°♉13'09	1°21'17
max. Earth dist.	-2666 Jun 05 j 20:30	24°♉46'56	1.34358 AU
	-2666 Jun 08 j 09:57	0°♊	
evening rise	-2666 Jun 10 j 18:28	4°♊39'55	
	-2666 Jun 25 j 02:34	0°♋	
desc. node	-2666 Jul 05 j 09:04	14°♋55'45	
evening max el	-2666 Jul 15 j 10:17	26°♋31'03	27°09'08
	-2666 Jul 19 j 11:07	0°♌	
retrograde	-2666 Jul 28 j 18:06	3°♌51'40	
evening set	-2666 Aug 04 j 16:55	1°♌05'22	
	-2666 Aug 05 j 23:07	30°℞♋	
min. Earth dist.	-2666 Aug 08 j 12:25	27°♋22'47	0.64987 AU
inferior conj	-2666 Aug 10 j 14:28	25°♋01'51	-3°-6'-11
minimum elong	-2666 Aug 10 j 18:26	24°♋50'39	3°04'57
morning rise	-2666 Aug 16 j 21:23	19°♋26'35	
direct	-2666 Aug 19 j 15:11	18°♋46'14	
asc. node	-2666 Aug 20 j 19:55	18°♋53'55	
morning max el	-2666 Aug 26 j 03:55	22°♋18'00	18°12'00
	-2666 Sep 01 j 04:16	0°♌	
morning set	-2666 Sep 13 j 12:53	20°♌02'26	
	-2666 Sep 19 j 13:35	0°♍	
superior conj	-2666 Sep 27 j 18:28	13°♍15'17	0°22'57
minimum elong	-2666 Sep 27 j 21:16	13°♍26'25	0°22'35
desc. node	-2666 Oct 01 j 08:32	18°♍56'53	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2666 Oct 01 j 06:00	18°♍46'55	1.44687 AU
	-2666 Oct 08 j 09:26	0°♎	
evening rise	-2666 Oct 14 j 09:34	9°♎21'10	
	-2666 Oct 27 j 20:15	0°♏	
greatest brilliancy	-2666 Oct 31 j 07:33	5°♏05'32	-0.7m
evening max el	-2666 Nov 08 j 06:47	15°♏14'59	19°43'49
retrograde	-2666 Nov 15 j 16:38	19°♏33'54	
asc. node	-2666 Nov 16 j 18:58	19°♏26'57	
evening set	-2666 Nov 19 j 03:10	18°♏24'45	
inferior conj	-2666 Nov 24 j 17:21	12°♏23'46	2°29'32
minimum elong	-2666 Nov 24 j 14:29	12°♏33'09	2°28'32
min. Earth dist.	-2666 Nov 25 j 18:17	11°♏01'54	0.66405 AU
morning rise	-2666 Nov 30 j 01:08	6°♏09'35	
direct	-2666 Dec 06 j 01:14	3°♏32'02	
morning max el	-2666 Dec 18 j 04:37	10°♏43'07	25°35'55
desc. node	-2666 Dec 28 j 07:57	22°♏43'20	
	-2665 Jan 02 j 14:18	0°♐	
	-2665 Jan 21 j 06:57	0°♑	
morning set	-2665 Jan 23 j 10:10	3°♑50'28	
max. Earth dist.	-2665 Jan 27 j 06:32	10°♑59'56	1.36189 AU
superior conj	-2665 Feb 01 j 22:43	22°♑04'23	-1°-33'-54
minimum elong	-2665 Feb 02 j 02:05	22°♑21'15	1°33'36
	-2665 Feb 05 j 20:42	0°♒	
evening rise	-2665 Feb 10 j 00:31	8°♒29'19	
asc. node	-2665 Feb 12 j 18:17	13°♒58'34	
	-2665 Feb 21 j 21:49	0°♓	
evening max el	-2665 Feb 27 j 18:02	7°♓05'10	19°55'52
retrograde	-2665 Mar 09 j 18:37	11°♓51'40	
evening set	-2665 Mar 12 j 00:27	11°♓38'24	
inferior conj	-2665 Mar 20 j 17:51	7°♓37'20	1°30'38
minimum elong	-2665 Mar 20 j 21:31	7°♓31'42	1°29'25
min. Earth dist.	-2665 Mar 22 j 22:02	6°♓17'34	0.55744 AU
desc. node	-2665 Mar 26 j 06:59	4°♓25'46	
morning rise	-2665 Mar 29 j 15:38	3°♓06'04	
direct	-2665 Apr 02 j 17:01	2°♓29'45	
morning max el	-2665 Apr 16 j 12:57	9°♓22'50	24°03'33
	-2665 May 01 j 17:13	0°♈	
morning set	-2665 May 11 j 01:10	18°♈03'42	
asc. node	-2665 May 11 j 17:44	19°♈30'59	
	-2665 May 16 j 14:53	0°♉	
superior conj	-2665 May 18 j 03:30	3°♉17'46	1°02'35
minimum elong	-2665 May 18 j 01:08	3°♉05'00	1°02'13
max. Earth dist.	-2665 May 20 j 00:02	7°♉16'44	1.33383 AU
evening rise	-2665 May 25 j 14:25	18°♉55'44	
	-2665 May 31 j 07:42	0°♊	
	-2665 Jun 19 j 09:00	0°♋	
desc. node	-2665 Jun 22 j 06:06	3°♋33'42	
evening max el	-2665 Jun 27 j 20:34	9°♋35'39	27°25'13
retrograde	-2665 Jul 11 j 12:54	16°♋57'47	
evening set	-2665 Jul 18 j 17:06	14°♋19'17	
min. Earth dist.	-2665 Jul 22 j 07:38	11°♋10'22	0.63457 AU
inferior conj	-2665 Jul 24 j 23:29	8°♋28'17	-3°-47'-41
minimum elong	-2665 Jul 25 j 03:28	8°♋18'08	3°46'47
morning rise	-2665 Jul 31 j 15:53	3°♋11'07	
direct	-2665 Aug 03 j 05:37	2°♋39'00	
asc. node	-2665 Aug 07 j 17:00	4°♋16'32	
morning max el	-2665 Aug 09 j 19:07	6°♋03'41	17°56'22
	-2665 Aug 25 j 10:17	0°♌	
morning set	-2665 Aug 26 j 13:24	1°♌58'20	
superior conj	-2665 Sep 07 j 18:50	22°♌50'38	1°04'10
minimum elong	-2665 Sep 08 j 00:22	23°♌13'31	1°03'35
	-2665 Sep 12 j 03:43	0°♍	
max. Earth dist.	-2665 Sep 13 j 22:12	2°♍51'16	1.43790 AU
desc. node	-2665 Sep 18 j 05:30	9°♍42'07	
evening rise	-2665 Sep 23 j 15:32	18°♍09'26	
	-2665 Oct 01 j 09:41	0°♎	
greatest brilliancy	-2665 Oct 16 j 12:50	21°♎46'30	-0.5m
evening max el	-2665 Oct 22 j 08:22	28°♎41'20	20°46'33
	-2665 Oct 23 j 16:37	0°♏	
retrograde	-2665 Oct 30 j 14:00	3°♏33'42	
evening set	-2665 Nov 03 j 10:19	2°♏08'56	
asc. node	-2665 Nov 03 j 16:03	1°♏58'01	
	-2665 Nov 05 j 17:11	30°℞♎	
inferior conj	-2665 Nov 08 j 21:09	25°♎57'20	1°43'28
minimum elong	-2665 Nov 08 j 18:57	26°♎04'50	1°42'35
min. Earth dist.	-2665 Nov 09 j 10:11	25°♎12'56	0.67081 AU
morning rise	-2665 Nov 14 j 03:10	19°♎40'50	
direct	-2665 Nov 19 j 12:00	17°♎21'56	
morning max el	-2665 Nov 30 j 13:16	23°♎57'28	24°13'02
	-2665 Dec 05 j 22:47	0°♏	
desc. node	-2665 Dec 15 j 04:57	12°♏14'29	
	-2665 Dec 27 j 00:50	0°♐	
morning set	-2664 Jan 05 j 06:46	15°♐19'17	
max. Earth dist.	-2664 Jan 09 j 03:22	22°♐07'21	1.38121 AU
	-2664 Jan 13 j 10:31	0°♑	
superior conj	-2664 Jan 16 j 04:16	5°♑11'03	-1°-49'-41
minimum elong	-2664 Jan 16 j 06:56	5°♑23'50	1°49'35
evening rise	-2664 Jan 24 j 23:30	22°♑25'25	
	-2664 Jan 28 j 21:11	0°♒	
asc. node	-2664 Jan 30 j 15:18	3°♒16'27	
evening max el	-2664 Feb 10 j 13:58	19°♒11'44	19°00'13
retrograde	-2664 Feb 19 j 02:00	23°♒16'42	
evening set	-2664 Feb 21 j 10:07	22°♒59'27	
inferior conj	-2664 Feb 29 j 10:09	18°♒43'44	2°55'18
minimum elong	-2664 Feb 29 j 14:51	18°♒35'26	2°54'08
min. Earth dist.	-2664 Mar 03 j 13:43	16°♒31'22	0.57159 AU
morning rise	-2664 Mar 08 j 15:38	13°♒41'04	
desc. node	-2664 Mar 12 j 04:03	12°♒42'44	
direct	-2664 Mar 13 j 21:46	12°♒35'28	
morning max el	-2664 Mar 28 j 04:01	19°♒57'48	25°38'13
	-2664 Apr 05 j 17:11	0°♓	
	-2664 Apr 23 j 01:35	0°♈	
morning set	-2664 Apr 24 j 13:08	3°♈04'46	
asc. node	-2664 Apr 27 j 14:45	9°♈37'31	
superior conj	-2664 May 01 j 14:06	18°♈16'51	0°40'39
minimum elong	-2664 May 01 j 12:25	18°♈07'35	0°40'20
max. Earth dist.	-2664 May 02 j 10:00	20°♈05'17	1.32768 AU
	-2664 May 07 j 00:45	0°♉	
evening rise	-2664 May 08 j 17:46	3°♉33'44	
	-2664 May 23 j 02:49	0°♊	
desc. node	-2664 Jun 08 j 03:07	21°♊08'30	
evening max el	-2664 Jun 09 j 03:06	22°♊07'11	27°09'36
retrograde	-2664 Jun 23 j 01:17	29°♊28'09	
evening set	-2664 Jun 30 j 01:43	27°♊11'45	
min. Earth dist.	-2664 Jul 03 j 16:50	24°♊25'37	0.61595 AU
inferior conj	-2664 Jul 06 j 20:29	21°♊35'44	-4°-17'-21
minimum elong	-2664 Jul 06 j 23:13	21°♊29'34	4°17'00
morning rise	-2664 Jul 13 j 23:32	16°♊39'27	
direct	-2664 Jul 16 j 11:15	16°♊13'18	
morning max el	-2664 Jul 23 j 09:10	19°♊40'13	17°59'16
asc. node	-2664 Jul 24 j 14:03	20°♊55'38	
	-2664 Jul 31 j 00:15	0°♋	
morning set	-2664 Aug 08 j 09:24	14°♋50'32	
	-2664 Aug 16 j 18:47	0°♌	
superior conj	-2664 Aug 18 j 22:56	3°♌48'45	1°31'38
minimum elong	-2664 Aug 19 j 03:22	4°♌08'00	1°31'21
max. Earth dist.	-2664 Aug 26 j 09:08	16°♌24'13	1.42316 AU
evening rise	-2664 Sep 02 j 01:11	27°♌10'40	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2664 Sep 03 j 20:14	0°♍	
desc. node	-2664 Sep 04 j 02:30	0°♍24'32	
	-2664 Sep 24 j 05:12	0°♎	
greatest brilliancy	-2664 Sep 29 j 09:06	6°♎42'23	-0.4m
evening max el	-2664 Oct 04 j 03:54	12°♎07'51	22°00'10
retrograde	-2664 Oct 13 j 10:01	17°♎38'03	
evening set	-2664 Oct 17 j 18:17	15°♎55'35	
asc. node	-2664 Oct 20 j 13:07	13°♎04'01	
inferior conj	-2664 Oct 23 j 03:21	9°♎37'08	0°53'03
minimum elong	-2664 Oct 23 j 02:09	9°♎41'18	0°52'31
min. Earth dist.	-2664 Oct 23 j 05:41	9°♎29'03	0.67437 AU
morning rise	-2664 Oct 28 j 09:48	3°♎20'56	
direct	-2664 Nov 02 j 03:23	1°♎23'42	
morning max el	-2664 Nov 11 j 23:38	7°♎15'23	22°45'57
greatest brilliancy	-2664 Nov 16 j 17:20	12°♎34'29	-0.3m
	-2664 Nov 29 j 13:50	0°♏	
desc. node	-2664 Dec 01 j 01:59	2°♏12'23	
morning set	-2664 Dec 16 j 00:04	25°♏26'14	
	-2664 Dec 18 j 18:01	0°♐	
max. Earth dist.	-2664 Dec 20 j 23:09	3°♐44'53	1.40213 AU
superior conj	-2664 Dec 28 j 17:36	17°♐26'32	-1°-57'-9
minimum elong	-2664 Dec 28 j 18:04	17°♐28'38	1°57'14
	-2663 Jan 04 j 11:41	0°♑	
evening rise	-2663 Jan 07 j 13:15	5°♑49'06	
asc. node	-2663 Jan 16 j 12:18	22°♑05'07	
	-2663 Jan 22 j 01:32	0°♒	
evening max el	-2663 Jan 23 j 18:17	1°♒48'55	18°24'33
retrograde	-2663 Jan 31 j 03:45	5°♒27'29	
evening set	-2663 Feb 02 j 15:28	5°♒03'57	
inferior conj	-2663 Feb 09 j 23:03	0°♒27'50	3°42'58
minimum elong	-2663 Feb 10 j 01:48	0°♒22'10	3°42'34
	-2663 Feb 10 j 12:32	30°℞♑	
min. Earth dist.	-2663 Feb 13 j 08:53	27°♑41'01	0.59064 AU
morning rise	-2663 Feb 17 j 08:37	25°♑00'00	
direct	-2663 Feb 23 j 15:52	23°♑15'49	
desc. node	-2663 Feb 27 j 01:07	23°♑44'57	
	-2663 Mar 09 j 00:07	0°♒	
morning max el	-2663 Mar 09 j 22:36	0°♒53'25	26°52'51
	-2663 Mar 30 j 16:54	0°♓	
morning set	-2663 Apr 08 j 23:24	17°♓59'53	
asc. node	-2663 Apr 14 j 11:45	29°♓49'21	
	-2663 Apr 14 j 13:42	0°♈	
superior conj	-2663 Apr 16 j 01:49	3°♈17'46	0°16'38
minimum elong	-2663 Apr 16 j 01:05	3°♈13'44	0°16'29
max. Earth dist.	-2663 Apr 15 j 22:59	3°♈02'13	1.32502 AU
evening rise	-2663 Apr 23 j 01:57	18°♈25'02	
	-2663 Apr 28 j 20:36	0°♉	
	-2663 May 18 j 09:23	0°♊	
evening max el	-2663 May 22 j 03:55	3°♊57'17	26°21'24
desc. node	-2663 May 26 j 00:10	7°♊13'33	
retrograde	-2663 Jun 05 j 05:38	11°♊14'26	
evening set	-2663 Jun 11 j 14:25	9°♊32'47	
min. Earth dist.	-2663 Jun 15 j 17:02	6°♊53'02	0.59555 AU
inferior conj	-2663 Jun 19 j 01:52	4°♊15'01	-4°-27'-45
minimum elong	-2663 Jun 19 j 01:42	4°♊15'20	4°27'42
	-2663 Jun 25 j 17:53	30°℞♉	
morning rise	-2663 Jun 26 j 16:33	29°♉40'49	
direct	-2663 Jun 29 j 03:54	29°♉19'01	
	-2663 Jul 02 j 11:04	0°♊	
morning max el	-2663 Jul 06 j 19:07	2°♊59'01	18°21'36
asc. node	-2663 Jul 11 j 11:06	8°♊35'22	
morning set	-2663 Jul 22 j 19:41	28°♊24'55	
	-2663 Jul 23 j 15:38	0°♋	
superior conj	-2663 Aug 01 j 03:32	15°♋59'47	1°45'37
minimum elong	-2663 Aug 01 j 05:28	16°♋08'36	1°45'36
max. Earth dist.	-2663 Aug 08 j 14:23	29°♋14'43	1.40470 AU
	-2663 Aug 09 j 00:56	0°♌	
evening rise	-2663 Aug 13 j 07:03	7°♌09'28	
desc. node	-2663 Aug 21 j 23:30	20°♌59'53	
	-2663 Aug 27 j 23:17	0°♍	
evening max el	-2663 Sep 16 j 18:24	25°♍35'41	23°20'01
	-2663 Sep 22 j 01:11	0°♎	
retrograde	-2663 Sep 27 j 03:14	1°♎43'40	
	-2663 Oct 01 j 16:26	30°℞♍	
evening set	-2663 Oct 02 j 01:18	29°♍42'07	
inferior conj	-2663 Oct 07 j 10:07	23°♍20'35	0°00'-2
minimum elong	-2663 Oct 07 j 10:07	23°♍20'35	0°00'03
transit middle	-2663 Oct 07 j 10:07	23°♍20'35	0°00'03
transit begin	-2663 Oct 07 j 07:24	23°♍29'52	
transit end	-2663 Oct 07 j 12:49	23°♍11'18	
min. Earth dist.	-2663 Oct 07 j 02:14	23°♍47'39	0.67485 AU
asc. node	-2663 Oct 07 j 10:11	23°♍20'21	
morning rise	-2663 Oct 12 j 18:57	17°♍07'45	
direct	-2663 Oct 16 j 22:25	15°♍32'08	
morning max el	-2663 Oct 25 j 15:00	20°♍39'27	21°23'11
greatest brilliancy	-2663 Oct 30 j 20:50	26°♍42'37	-0.4m
	-2663 Nov 02 j 09:33	0°♎	
desc. node	-2663 Nov 17 j 23:01	22°♎29'04	
	-2663 Nov 22 j 20:24	0°♏	
morning set	-2663 Nov 25 j 13:13	4°♏13'43	
max. Earth dist.	-2663 Dec 03 j 00:56	16°♏16'23	1.42174 AU
superior conj	-2663 Dec 10 j 09:14	28°♏37'38	-1°-52'-27
minimum elong	-2663 Dec 10 j 05:55	28°♏23'22	1°52'23
	-2663 Dec 11 j 04:19	0°♐	
evening rise	-2663 Dec 21 j 14:14	18°♐33'01	
	-2663 Dec 27 j 23:19	0°♑	
asc. node	-2662 Jan 03 j 09:20	10°♑15'45	
evening max el	-2662 Jan 07 j 04:07	14°♑48'45	18°08'48
retrograde	-2662 Jan 13 j 22:11	18°♑16'09	
evening set	-2662 Jan 16 j 13:15	17°♑45'05	
inferior conj	-2662 Jan 23 j 07:10	12°♑46'54	3°58'52
minimum elong	-2662 Jan 23 j 07:19	12°♑46'34	3°58'48
min. Earth dist.	-2662 Jan 26 j 10:17	9°♑50'06	0.61109 AU
morning rise	-2662 Jan 29 j 22:47	7°♑01'48	
direct	-2662 Feb 05 j 20:34	4°♑42'16	
desc. node	-2662 Feb 13 j 22:12	7°♑28'24	
morning max el	-2662 Feb 19 j 23:17	12°♑26'43	27°35'54
	-2662 Mar 05 j 21:48	0°♒	
	-2662 Mar 22 j 22:17	0°♓	
morning set	-2662 Mar 24 j 06:10	2°♓42'29	
max. Earth dist.	-2662 Mar 30 j 11:20	15°♓54'38	1.32587 AU
superior conj	-2662 Mar 31 j 13:01	18°♓14'36	0°-8'-38
minimum elong	-2662 Mar 31 j 13:25	18°♓16'45	0°08'35
behind sun begin	-2662 Mar 31 j 09:08	17°♓53'24	
behind sun end	-2662 Mar 31 j 17:42	18°♓40'07	
asc. node	-2662 Apr 01 j 08:46	20°♓02'21	
	-2662 Apr 05 j 22:49	0°♈	
evening rise	-2662 Apr 07 j 12:51	3°♈22'12	
	-2662 Apr 21 j 23:02	0°♉	
evening max el	-2662 May 03 j 22:37	15°♉06'45	25°05'42
desc. node	-2662 May 12 j 21:12	21°♉14'44	
retrograde	-2662 May 17 j 23:26	22°♉14'50	
evening set	-2662 May 23 j 04:54	21°♉11'52	
min. Earth dist.	-2662 May 28 j 10:42	18°♉21'50	0.57589 AU
inferior conj	-2662 May 31 j 12:20	16°♉17'14	-4°-8'-28
minimum elong	-2662 May 31 j 08:16	16°♉24'11	4°07'53
morning rise	-2662 Jun 08 j 15:36	12°♉04'03	
direct	-2662 Jun 11 j 03:41	11°♉45'29	
morning max el	-2662 Jun 19 j 22:03	15°♉51'20	19°04'19

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2662 Jun 28 j 08:11	27°♉02'27	
	-2662 Jun 30 j 01:29	0°♊	
morning set	-2662 Jul 06 j 16:14	12°♊31'45	
superior conj	-2662 Jul 15 j 03:02	29°♊08'44	1°48'28
minimum elong	-2662 Jul 15 j 02:41	29°♊07'07	1°48'32
	-2662 Jul 15 j 13:41	0°♋	
max. Earth dist.	-2662 Jul 21 j 16:48	11°♋26'15	1.38503 AU
evening rise	-2662 Jul 25 j 14:49	18°♋23'08	
	-2662 Aug 01 j 13:03	0°♌	
desc. node	-2662 Aug 08 j 20:30	11°♌23'49	
	-2662 Aug 22 j 06:00	0°♍	
evening max el	-2662 Aug 30 j 06:04	9°♍06'41	24°39'34
retrograde	-2662 Sep 10 j 16:35	15°♍47'17	
evening set	-2662 Sep 16 j 05:40	13°♍26'55	
min. Earth dist.	-2662 Sep 20 j 21:22	8°♍07'13	0.67226 AU
inferior conj	-2662 Sep 21 j 15:44	7°♍05'56	0°-54'-14
minimum elong	-2662 Sep 21 j 17:02	7°♍01'36	0°53'40
asc. node	-2662 Sep 24 j 07:18	3°♍43'54	
morning rise	-2662 Sep 27 j 04:44	0°♍59'37	
	-2662 Sep 29 j 03:13	30°℞♌	
direct	-2662 Sep 30 j 19:51	29°♌43'43	
	-2662 Oct 02 j 13:48	0°♍	
morning max el	-2662 Oct 08 j 13:37	4°♍12'45	20°10'41
greatest brilliancy	-2662 Oct 15 j 13:22	12°♍44'55	-0.6m
	-2662 Oct 27 j 08:47	0°♎	
morning set	-2662 Nov 04 j 11:01	12°♎23'57	
desc. node	-2662 Nov 04 j 20:02	12°♎58'49	
max. Earth dist.	-2662 Nov 15 j 10:47	29°♎40'50	1.43724 AU
	-2662 Nov 15 j 15:34	0°♏	
superior conj	-2662 Nov 20 j 22:14	8°♏33'03	-1°-31'-42
minimum elong	-2662 Nov 20 j 15:17	8°♏04'34	1°31'09
evening rise	-2662 Dec 03 j 22:12	0°♐28'42	
	-2662 Dec 03 j 15:33	0°♐	
asc. node	-2662 Dec 21 j 06:24	27°♐36'43	
evening max el	-2662 Dec 21 j 16:30	28°♐02'53	18°12'23
	-2662 Dec 23 j 22:53	0°♑	
retrograde	-2662 Dec 28 j 05:07	1°♑32'09	
evening set	-2662 Dec 30 j 23:45	0°♑52'38	
	-2661 Jan 01 j 11:59	30°℞♐	
inferior conj	-2661 Jan 06 j 06:54	25°♐33'21	3°51'32
minimum elong	-2661 Jan 06 j 05:05	25°♐38'14	3°51'16
min. Earth dist.	-2661 Jan 08 j 20:42	22°♐48'32	0.63015 AU
morning rise	-2661 Jan 12 j 08:39	19°♐36'07	
direct	-2661 Jan 19 j 09:37	16°♐53'32	
desc. node	-2661 Jan 31 j 19:18	23°♐18'18	
morning max el	-2661 Feb 02 j 05:32	24°♐40'02	27°42'30
	-2661 Feb 07 j 02:51	0°♑	
	-2661 Feb 27 j 06:16	0°♒	
morning set	-2661 Mar 08 j 07:06	17°♒03'44	
max. Earth dist.	-2661 Mar 13 j 19:05	28°♒27'50	1.33046 AU
	-2661 Mar 14 j 12:22	0°♓	
superior conj	-2661 Mar 15 j 21:57	3°♓00'15	0°-34'-18
minimum elong	-2661 Mar 15 j 23:31	3°♓08'42	0°34'02
asc. node	-2661 Mar 19 j 05:47	10°♓11'39	
evening rise	-2661 Mar 23 j 00:35	18°♓17'17	
	-2661 Mar 28 j 20:04	0°♈	
evening max el	-2661 Apr 15 j 14:01	25°♈49'05	23°33'46
	-2661 Apr 20 j 20:51	0°♉	
retrograde	-2661 Apr 29 j 04:48	2°♉36'15	
desc. node	-2661 Apr 29 j 18:17	2°♉35'33	
evening set	-2661 May 03 j 01:19	2°♉03'35	
	-2661 May 07 j 23:22	30°℞♈	
min. Earth dist.	-2661 May 10 j 00:50	28°♈50'05	0.56020 AU
inferior conj	-2661 May 12 j 02:39	27°♈35'35	-3°-9'-11
minimum elong	-2661 May 11 j 20:16	27°♈45'11	3°07'33
morning rise	-2661 May 20 j 18:45	23°♈37'30	
direct	-2661 May 23 j 08:24	23°♈21'00	
morning max el	-2661 Jun 02 j 15:25	28°♈07'14	20°07'44
	-2661 Jun 04 j 12:06	0°♉	
asc. node	-2661 Jun 15 j 05:14	16°♉04'44	
morning set	-2661 Jun 20 j 19:56	27°♉01'59	
	-2661 Jun 22 j 06:56	0°♊	
superior conj	-2661 Jun 28 j 16:09	13°♊00'16	1°42'49
minimum elong	-2661 Jun 28 j 14:19	12°♊51'06	1°42'47
max. Earth dist.	-2661 Jul 03 j 21:31	23°♊15'28	1.36645 AU
	-2661 Jul 07 j 11:51	0°♋	
evening rise	-2661 Jul 07 j 21:44	0°♋45'15	
	-2661 Jul 25 j 16:41	0°♌	
desc. node	-2661 Jul 26 j 17:30	1°♌30'32	
evening max el	-2661 Aug 12 j 17:03	22°♌39'57	25°51'16
retrograde	-2661 Aug 25 j 01:29	29°♌44'27	
evening set	-2661 Aug 31 j 05:30	27°♌08'10	
min. Earth dist.	-2661 Sep 04 j 12:39	22°♌25'48	0.66637 AU
inferior conj	-2661 Sep 05 j 18:26	20°♌51'14	-1°-47'-49
minimum elong	-2661 Sep 05 j 21:00	20°♌43'05	1°46'47
asc. node	-2661 Sep 11 j 04:24	15°♌08'53	
morning rise	-2661 Sep 11 j 13:14	14°♌54'35	
direct	-2661 Sep 14 j 18:09	13°♌55'19	
morning max el	-2661 Sep 21 j 19:32	17°♌55'14	19°11'59
	-2661 Oct 01 j 01:26	0°♍	
morning set	-2661 Oct 14 j 17:16	21°♍06'03	
	-2661 Oct 20 j 09:34	0°♎	
desc. node	-2661 Oct 22 j 17:02	3°♎37'23	
max. Earth dist.	-2661 Oct 29 j 02:31	13°♎41'01	1.44660 AU
superior conj	-2661 Oct 31 j 09:37	17°♎19'00	0°-53'-52
minimum elong	-2661 Oct 31 j 03:12	16°♎53'32	0°53'07
	-2661 Nov 08 j 07:56	0°♏	
evening rise	-2661 Nov 15 j 08:41	11°♏27'47	
	-2661 Nov 26 j 18:01	0°♐	
evening max el	-2661 Dec 05 j 04:43	11°♐25'18	18°34'30
asc. node	-2661 Dec 08 j 03:29	13°♐54'12	
retrograde	-2661 Dec 11 j 20:10	15°♐07'10	
evening set	-2661 Dec 14 j 19:28	14°♐17'52	
inferior conj	-2661 Dec 20 j 18:25	8°♐40'00	3°28'02
minimum elong	-2661 Dec 20 j 15:35	8°♐48'22	3°27'23
min. Earth dist.	-2661 Dec 22 j 17:13	6°♐21'58	0.64618 AU
morning rise	-2661 Dec 26 j 10:28	2°♐33'58	
	-2661 Dec 31 j 01:32	30°℞♏	
direct	-2660 Jan 02 j 05:49	29°♏43'15	
	-2660 Jan 04 j 12:13	0°♐	
morning max el	-2660 Jan 15 j 14:56	7°♐25'34	27°14'19
desc. node	-2660 Jan 18 j 16:22	10°♐39'56	
	-2660 Feb 02 j 03:19	0°♑	
morning set	-2660 Feb 19 j 23:18	0°♒54'37	
	-2660 Feb 19 j 12:03	0°♒	
max. Earth dist.	-2660 Feb 24 j 18:18	10°♒30'09	1.33918 AU
superior conj	-2660 Feb 28 j 02:44	17°♒28'54	0°-59'-19
minimum elong	-2660 Feb 28 j 05:21	17°♒42'40	0°58'55
asc. node	-2660 Mar 05 j 02:48	0°♓13'15	
	-2660 Mar 05 j 00:18	0°♓	
evening rise	-2660 Mar 06 j 11:23	3°♓04'15	
	-2660 Mar 21 j 16:16	0°♈	
evening max el	-2660 Mar 27 j 08:32	6°♈32'44	22°00'03
retrograde	-2660 Apr 08 j 22:52	12°♈40'33	
evening set	-2660 Apr 11 j 16:53	12°♈23'43	
desc. node	-2660 Apr 15 j 15:22	11°♈07'11	
min. Earth dist.	-2660 Apr 20 j 14:25	8°♈33'35	0.55180 AU
inferior conj	-2660 Apr 21 j 01:31	8°♈17'58	-1°-30'-2

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2660 Apr 20 j 21:25	8°♈23'43	1°28'40
morning rise	-2660 Apr 30 j 03:19	4°♈20'36	
direct	-2660 May 02 j 22:24	4°♈03'09	
morning max el	-2660 May 14 j 21:54	9°♈41'23	21°30'07
	-2660 May 29 j 04:51	0°♉	
asc. node	-2660 Jun 01 j 02:16	5°♉33'20	
morning set	-2660 Jun 04 j 04:20	11°♉48'35	
superior conj	-2660 Jun 11 j 14:48	27°♉22'05	1°30'46
minimum elong	-2660 Jun 11 j 12:16	27°♉08'57	1°30'33
	-2660 Jun 12 j 21:19	0°♊	
max. Earth dist.	-2660 Jun 15 j 09:46	5°♊07'48	1.35081 AU
evening rise	-2660 Jun 19 j 22:43	14°♊02'18	
	-2660 Jun 28 j 19:17	0°♋	
desc. node	-2660 Jul 12 j 14:32	21°♋12'01	
	-2660 Jul 19 j 11:24	0°♌	
evening max el	-2660 Jul 25 j 04:23	6°♌09'56	26°47'12
retrograde	-2660 Aug 07 j 05:28	13°♌28'08	
evening set	-2660 Aug 13 j 22:28	10°♌42'31	
min. Earth dist.	-2660 Aug 17 j 21:47	6°♌38'31	0.65690 AU
inferior conj	-2660 Aug 19 j 16:12	4°♌32'59	-2°-38'-55
minimum elong	-2660 Aug 19 j 19:48	4°♌22'19	2°37'39
	-2660 Aug 24 j 00:22	30°℞♋	
morning rise	-2660 Aug 25 j 18:18	28°♋49'06	
asc. node	-2660 Aug 28 j 01:30	28°♋04'48	
direct	-2660 Aug 28 j 15:22	28°♋02'57	
	-2660 Sep 02 j 09:21	0°♌	
morning max el	-2660 Sep 04 j 06:58	1°♌42'48	18°29'03
	-2660 Sep 23 j 08:59	0°♍	
morning set	-2660 Sep 24 j 00:30	1°♍02'54	
desc. node	-2660 Oct 08 j 14:01	24°♍20'54	
superior conj	-2660 Oct 09 j 09:19	25°♍37'05	0°-5'-10
minimum elong	-2660 Oct 09 j 08:39	25°♍34'25	0°05'05
behind sun begin	-2660 Oct 08 j 21:49	24°♍51'42	
behind sun end	-2660 Oct 09 j 19:28	26°♍17'06	
max. Earth dist.	-2660 Oct 10 j 20:30	27°♍55'43	1.44884 AU
	-2660 Oct 12 j 04:05	0°♎	
evening rise	-2660 Oct 25 j 18:37	21°♎24'10	
	-2660 Oct 31 j 05:25	0°♏	
greatest brilliancy	-2660 Nov 07 j 00:09	10°♏33'29	-0.7m
evening max el	-2660 Nov 17 j 14:16	24°♏51'02	19°13'57
asc. node	-2660 Nov 24 j 00:35	28°♏52'08	
retrograde	-2660 Nov 24 j 15:42	28°♏54'23	
evening set	-2660 Nov 27 j 21:27	27°♏53'19	
inferior conj	-2660 Dec 03 j 14:18	21°♏59'55	2°53'16
minimum elong	-2660 Dec 03 j 11:16	22°♏09'33	2°52'21
min. Earth dist.	-2660 Dec 04 j 22:51	20°♏16'25	0.65860 AU
morning rise	-2660 Dec 09 j 00:14	15°♏47'50	
direct	-2660 Dec 15 j 08:22	13°♏02'18	
morning max el	-2660 Dec 28 j 00:34	20°♏29'17	26°17'42
desc. node	-2659 Jan 04 j 13:25	29°♏05'47	
	-2659 Jan 05 j 06:28	0°♐	
	-2659 Jan 25 j 06:09	0°♑	
morning set	-2659 Feb 02 j 02:51	14°♑02'37	
max. Earth dist.	-2659 Feb 06 j 05:49	21°♑56'11	1.35232 AU
	-2659 Feb 10 j 06:45	0°♒	
superior conj	-2659 Feb 11 j 01:00	1°♒32'59	-1°-22'-19
minimum elong	-2659 Feb 11 j 04:17	1°♒49'48	1°21'55
evening rise	-2659 Feb 18 j 19:18	17°♒36'34	
asc. node	-2659 Feb 19 j 23:51	20°♒02'23	
	-2659 Feb 25 j 02:32	0°♓	
evening max el	-2659 Mar 09 j 11:56	17°♓43'01	20°36'33
retrograde	-2659 Mar 20 j 12:25	22°♓58'40	
evening set	-2659 Mar 22 j 18:59	22°♓46'09	
inferior conj	-2659 Mar 31 j 20:53	18°♓48'40	0°27'38
minimum elong	-2659 Mar 31 j 22:09	18°♓46'50	0°27'11
min. Earth dist.	-2659 Apr 02 j 04:35	18°♓02'45	0.55268 AU
desc. node	-2659 Apr 02 j 12:25	17°♓51'30	
morning rise	-2659 Apr 09 j 23:30	14°♓33'20	
direct	-2659 Apr 13 j 10:32	14°♓07'17	
morning max el	-2659 Apr 26 j 18:38	20°♓37'22	23°06'06
	-2659 May 04 j 16:52	0°♈	
asc. node	-2659 May 18 j 23:17	25°♈21'26	
morning set	-2659 May 19 j 15:29	26°♈45'46	
	-2659 May 21 j 04:22	0°♉	
superior conj	-2659 May 26 j 19:55	12°♉04'47	1°13'57
minimum elong	-2659 May 26 j 17:20	11°♉51'03	1°13'37
max. Earth dist.	-2659 May 29 j 07:54	17°♉22'13	1.33890 AU
evening rise	-2659 Jun 03 j 12:55	28°♉00'36	
	-2659 Jun 04 j 13:12	0°♊	
	-2659 Jun 22 j 00:17	0°♋	
desc. node	-2659 Jun 29 j 11:33	10°♋17'36	
evening max el	-2659 Jul 07 j 15:40	19°♋27'57	27°19'45
retrograde	-2659 Jul 21 j 03:59	26°♋50'34	
evening set	-2659 Jul 28 j 05:48	24°♋05'58	
min. Earth dist.	-2659 Jul 31 j 22:43	20°♋38'26	0.64371 AU
inferior conj	-2659 Aug 03 j 06:41	18°♋07'08	-3°-24'-55
minimum elong	-2659 Aug 03 j 10:47	17°♋56'02	3°23'48
morning rise	-2659 Aug 09 j 17:28	12°♋39'08	
direct	-2659 Aug 12 j 09:09	12°♋02'44	
asc. node	-2659 Aug 14 j 22:33	12°♋36'36	
morning max el	-2659 Aug 18 j 21:32	15°♋30'52	18°03'10
	-2659 Aug 29 j 03:49	0°♌	
morning set	-2659 Sep 05 j 11:17	12°♌19'37	
	-2659 Sep 16 j 01:13	0°♍	
superior conj	-2659 Sep 18 j 19:56	4°♍31'16	0°41'54
minimum elong	-2659 Sep 19 j 00:28	4°♍49'36	0°41'22
max. Earth dist.	-2659 Sep 23 j 13:57	12°♍08'07	1.44385 AU
desc. node	-2659 Sep 25 j 11:01	15°♍06'38	
	-2659 Oct 04 j 23:57	0°♎	
evening rise	-2659 Oct 05 j 07:16	0°♎28'15	
greatest brilliancy	-2659 Oct 24 j 22:11	29°♎49'04	-0.6m
	-2659 Oct 25 j 01:22	0°♏	
evening max el	-2659 Oct 31 j 19:16	8°♏18'09	20°08'55
retrograde	-2659 Nov 08 j 12:55	12°♏50'28	
asc. node	-2659 Nov 10 j 21:39	12°♏18'12	
evening set	-2659 Nov 12 j 03:18	11°♏35'09	
inferior conj	-2659 Nov 17 j 15:53	5°♏29'27	2°10'38
minimum elong	-2659 Nov 17 j 13:15	5°♏38'15	2°09'39
min. Earth dist.	-2659 Nov 18 j 11:41	4°♏23'16	0.66741 AU
	-2659 Nov 22 j 03:10	30°℞♎	
morning rise	-2659 Nov 22 j 22:37	29°♎13'52	
direct	-2659 Nov 28 j 16:26	26°♎43'18	
	-2659 Dec 06 j 06:49	0°♏	
morning max el	-2659 Dec 10 j 09:09	3°♏40'45	25°01'35
desc. node	-2659 Dec 22 j 10:27	18°♏17'13	
	-2659 Dec 30 j 13:42	0°♐	
morning set	-2658 Jan 15 j 12:32	26°♐12'30	
	-2658 Jan 17 j 15:02	0°♑	
max. Earth dist.	-2658 Jan 19 j 06:16	3°♑00'18	1.36977 AU
superior conj	-2658 Jan 25 j 13:47	15°♑04'00	-1°-41'-25
minimum elong	-2658 Jan 25 j 17:00	15°♑19'51	1°41'12
	-2658 Feb 02 j 00:48	0°♒	
evening rise	-2658 Feb 02 j 22:16	1°♒47'49	
asc. node	-2658 Feb 06 j 20:53	9°♒33'30	
evening max el	-2658 Feb 20 j 02:12	29°♒29'47	19°29'48
	-2658 Feb 20 j 15:14	0°♓	
retrograde	-2658 Mar 01 j 10:00	3°♓56'20	
evening set	-2658 Mar 03 j 16:32	3°♓41'42	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2658 Mar 11 j 11:47	30°℞♒	
inferior conj	-2658 Mar 12 j 02:44	29°♒35'54	2°11'02
minimum elong	-2658 Mar 12 j 07:21	29°♒28'26	2°09'39
min. Earth dist.	-2658 Mar 14 j 19:16	27°♒51'58	0.56266 AU
desc. node	-2658 Mar 20 j 09:30	24°♒59'01	
morning rise	-2658 Mar 20 j 18:29	24°♒51'07	
direct	-2658 Mar 25 j 08:14	24°♒03'44	
	-2658 Apr 07 j 02:46	0°♓	
morning max el	-2658 Apr 08 j 09:48	1°♓11'29	24°45'20
	-2658 Apr 28 j 06:48	0°♈	
morning set	-2658 May 04 j 03:37	11°♈46'57	
asc. node	-2658 May 05 j 20:17	15°♈22'35	
superior conj	-2658 May 11 j 05:03	26°♈59'36	0°53'36
minimum elong	-2658 May 11 j 02:56	26°♈48'03	0°53'14
max. Earth dist.	-2658 May 12 j 14:34	0°♉00'57	1.33077 AU
	-2658 May 12 j 14:24	0°♉	
evening rise	-2658 May 18 j 12:23	12°♉27'05	
	-2658 May 27 j 17:47	0°♊	
desc. node	-2658 Jun 16 j 08:35	28°♊31'19	
	-2658 Jun 17 j 17:11	0°♋	
evening max el	-2658 Jun 20 j 00:53	2°♋20'26	27°22'46
retrograde	-2658 Jul 03 j 20:06	9°♋41'51	
evening set	-2658 Jul 10 j 23:50	7°♋11'23	
min. Earth dist.	-2658 Jul 14 j 13:50	4°♋13'32	0.62696 AU
inferior conj	-2658 Jul 17 j 11:00	1°♋26'24	-4°-2'-8
minimum elong	-2658 Jul 17 j 14:38	1°♋17'34	4°01'27
	-2658 Jul 18 j 23:19	30°℞♊	
morning rise	-2658 Jul 24 j 07:44	26°♊17'28	
direct	-2658 Jul 26 j 20:23	25°♊48'04	
asc. node	-2658 Aug 01 j 19:35	28°♊33'02	
morning max el	-2658 Aug 02 j 12:29	29°♊12'44	17°55'16
	-2658 Aug 03 j 06:49	0°♋	
morning set	-2658 Aug 18 j 20:48	24°♋41'13	
	-2658 Aug 21 j 20:35	0°♌	
superior conj	-2658 Aug 30 j 07:57	14°♌40'54	1°17'35
minimum elong	-2658 Aug 30 j 13:21	15°♌03'40	1°17'04
max. Earth dist.	-2658 Sep 06 j 04:15	26°♌01'09	1.43227 AU
	-2658 Sep 08 j 15:31	0°♍	
desc. node	-2658 Sep 12 j 08:00	5°♍50'56	
evening rise	-2658 Sep 14 j 12:20	9°♍15'32	
	-2658 Sep 28 j 05:52	0°♎	
greatest brilliancy	-2658 Oct 09 j 12:59	15°♎40'54	-0.4m
evening max el	-2658 Oct 14 j 18:25	21°♎45'10	21°16'49
retrograde	-2658 Oct 23 j 09:49	26°♎52'41	
evening set	-2658 Oct 27 j 11:02	25°♎20'36	
asc. node	-2658 Oct 28 j 18:41	24°♎10'40	
inferior conj	-2658 Nov 01 j 20:57	19°♎05'54	1°22'31
minimum elong	-2658 Nov 01 j 19:09	19°♎12'07	1°21'46
min. Earth dist.	-2658 Nov 02 j 05:21	18°♎37'03	0.67276 AU
morning rise	-2658 Nov 07 j 02:55	12°♎49'23	
direct	-2658 Nov 12 j 05:19	10°♎39'23	
morning max el	-2658 Nov 22 j 18:03	16°♎56'08	23°35'57
	-2658 Dec 03 j 13:41	0°♏	
desc. node	-2658 Dec 09 j 07:29	8°♏01'10	
	-2658 Dec 23 j 15:05	0°♐	
morning set	-2658 Dec 27 j 22:12	7°♐08'05	
max. Earth dist.	-2657 Jan 01 j 01:56	14°♐17'55	1.39013 AU
superior conj	-2657 Jan 08 j 13:10	27°♐51'25	-1°-54'-4
minimum elong	-2657 Jan 08 j 15:07	28°♐00'31	1°54'05
	-2657 Jan 09 j 16:30	0°♑	
evening rise	-2657 Jan 17 j 17:46	15°♑31'42	
asc. node	-2657 Jan 24 j 17:55	28°♑40'19	
	-2657 Jan 25 j 12:15	0°♒	
evening max el	-2657 Feb 03 j 02:07	11°♒51'00	18°42'32
retrograde	-2657 Feb 11 j 01:13	15°♒42'36	
evening set	-2657 Feb 13 j 11:03	15°♒22'43	
inferior conj	-2657 Feb 21 j 03:46	10°♒58'28	3°19'53
minimum elong	-2657 Feb 21 j 07:52	10°♒50'44	3°19'04
min. Earth dist.	-2657 Feb 24 j 11:50	8°♒29'00	0.57935 AU
morning rise	-2657 Mar 01 j 00:53	5°♒44'27	
direct	-2657 Mar 06 j 18:49	4°♒23'03	
desc. node	-2657 Mar 07 j 06:34	4°♒23'39	
morning max el	-2657 Mar 21 j 01:45	11°♒52'15	26°13'14
	-2657 Apr 04 j 03:37	0°♓	
morning set	-2657 Apr 18 j 15:06	26°♓46'26	
	-2657 Apr 20 j 03:43	0°♈	
asc. node	-2657 Apr 22 j 17:19	5°♈32'02	
superior conj	-2657 Apr 25 j 16:21	12°♈00'08	0°30'40
minimum elong	-2657 Apr 25 j 15:02	11°♈52'55	0°30'24
max. Earth dist.	-2657 Apr 26 j 02:31	12°♈55'45	1.32620 AU
evening rise	-2657 May 02 j 18:06	27°♈11'56	
	-2657 May 04 j 02:46	0°♉	
	-2657 May 21 j 05:40	0°♊	
evening max el	-2657 Jun 02 j 05:18	14°♊35'01	26°52'53
desc. node	-2657 Jun 03 j 05:36	15°♊31'26	
retrograde	-2657 Jun 16 j 04:51	21°♊53'47	
evening set	-2657 Jun 23 j 00:23	19°♊51'00	
min. Earth dist.	-2657 Jun 26 j 18:50	17°♊09'52	0.60744 AU
inferior conj	-2657 Jun 30 j 01:47	14°♊22'40	-4°-24'-42
minimum elong	-2657 Jun 30 j 03:29	14°♊19'02	4°24'32
morning rise	-2657 Jul 07 j 09:38	9°♊35'34	
direct	-2657 Jul 09 j 21:12	9°♊11'17	
morning max el	-2657 Jul 17 j 01:04	12°♊42'00	18°06'20
asc. node	-2657 Jul 19 j 16:38	15°♊39'10	
	-2657 Jul 28 j 16:52	0°♋	
morning set	-2657 Aug 01 j 23:23	7°♋52'21	
superior conj	-2657 Aug 11 j 23:03	26°♋11'06	1°39'07
minimum elong	-2657 Aug 12 j 02:27	26°♋26'14	1°38'57
	-2657 Aug 14 j 02:54	0°♌	
max. Earth dist.	-2657 Aug 19 j 13:09	9°♌18'14	1.41564 AU
evening rise	-2657 Aug 25 j 05:04	18°♌36'25	
desc. node	-2657 Aug 30 j 04:59	26°♌30'25	
	-2657 Sep 01 j 11:20	0°♍	
greatest brilliancy	-2657 Sep 22 j 16:49	29°♍49'37	-0.3m
	-2657 Sep 22 j 20:15	0°♎	
evening max el	-2657 Sep 27 j 11:35	5°♎11'34	22°33'46
retrograde	-2657 Oct 07 j 04:45	10°♎57'52	
evening set	-2657 Oct 11 j 18:49	9°♎07'05	
asc. node	-2657 Oct 15 j 15:45	4°♎49'11	
inferior conj	-2657 Oct 17 j 03:35	2°♎46'54	0°30'44
minimum elong	-2657 Oct 17 j 02:52	2°♎49'22	0°30'26
min. Earth dist.	-2657 Oct 17 j 01:29	2°♎54'11	0.67493 AU
	-2657 Oct 19 j 05:08	30°℞♍	
morning rise	-2657 Oct 22 j 10:50	26°♍32'03	
direct	-2657 Oct 26 j 22:13	24°♍44'18	
	-2657 Nov 04 j 23:46	0°♎	
morning max el	-2657 Nov 05 j 06:15	0°♎16'20	22°09'57
greatest brilliancy	-2657 Nov 09 j 23:39	5°♎36'44	-0.4m
desc. node	-2657 Nov 26 j 04:30	28°♎07'41	
	-2657 Nov 27 j 10:26	0°♏	
morning set	-2657 Dec 08 j 03:05	16°♏39'14	
max. Earth dist.	-2657 Dec 14 j 00:21	26°♏19'41	1.41082 AU
	-2657 Dec 16 j 04:28	0°♐	
superior conj	-2657 Dec 21 j 18:00	9°♐41'11	-1°-56'-53
minimum elong	-2657 Dec 21 j 17:01	9°♐36'48	1°56'58
evening rise	-2656 Jan 01 j 02:37	28°♐39'51	
	-2656 Jan 01 j 19:50	0°♑	
asc. node	-2656 Jan 11 j 14:57	17°♑14'10	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening max el	-2656 Jan 17 j 09:06	24°♉38'30	18°15'21
retrograde	-2656 Jan 24 j 10:49	28°♉10'57	
evening set	-2656 Jan 26 j 23:54	27°♉44'21	
inferior conj	-2656 Feb 03 j 01:17	22°♉58'32	3°53'03
minimum elong	-2656 Feb 03 j 02:54	22°♉54'59	3°52'53
min. Earth dist.	-2656 Feb 06 j 09:16	20°♉04'38	0.59936 AU
morning rise	-2656 Feb 10 j 02:46	17°♉22'18	
direct	-2656 Feb 16 j 17:23	15°♉22'23	
desc. node	-2656 Feb 22 j 03:39	16°♉37'36	
morning max el	-2656 Mar 01 j 23:04	23°♉03'25	27°15'30
	-2656 Mar 08 j 04:18	0°♒	
	-2656 Mar 27 j 03:58	0°♓	
morning set	-2656 Apr 02 j 00:10	11°♓37'06	
max. Earth dist.	-2656 Apr 08 j 15:49	25°♓52'45	1.32499 AU
asc. node	-2656 Apr 08 j 14:21	25°♓44'43	
superior conj	-2656 Apr 09 j 04:03	26°♓59'42	0°06'01
minimum elong	-2656 Apr 09 j 03:47	26°♓58'12	0°05'57
behind sun begin	-2656 Apr 08 j 23:07	26°♓32'38	
behind sun end	-2656 Apr 09 j 08:27	27°♓23'47	
	-2656 Apr 10 j 12:59	0°♈	
evening rise	-2656 Apr 16 j 03:42	12°♈06'13	
	-2656 Apr 25 j 07:50	0°♉	
evening max el	-2656 May 14 j 03:10	26°♉05'48	25°51'51
	-2656 May 18 j 20:48	0°♊	
desc. node	-2656 May 20 j 02:38	0°♊48'06	
retrograde	-2656 May 28 j 05:01	3°♊20'26	
evening set	-2656 Jun 03 j 03:40	1°♊55'07	
	-2656 Jun 06 j 12:11	30°℞♉	
min. Earth dist.	-2656 Jun 07 j 15:34	29°♉13'09	0.58693 AU
inferior conj	-2656 Jun 10 j 23:24	26°♉46'36	-4°-23'-52
minimum elong	-2656 Jun 10 j 21:36	26°♉49'56	4°23'43
morning rise	-2656 Jun 18 j 19:24	22°♉22'08	
direct	-2656 Jun 21 j 07:03	22°♉01'49	
morning max el	-2656 Jun 29 j 08:27	25°♉50'42	18°37'20
	-2656 Jul 03 j 00:11	0°♊	
asc. node	-2656 Jul 05 j 13:43	3°♊40'20	
morning set	-2656 Jul 15 j 14:27	21°♊41'23	
	-2656 Jul 19 j 21:21	0°♋	
superior conj	-2656 Jul 24 j 12:26	8°♋48'56	1°48'02
minimum elong	-2656 Jul 24 j 13:19	8°♋53'05	1°48'05
max. Earth dist.	-2656 Jul 31 j 16:38	21°♋50'38	1.39625 AU
evening rise	-2656 Aug 04 j 21:51	29°♋06'10	
	-2656 Aug 05 j 10:38	0°♌	
desc. node	-2656 Aug 16 j 01:59	17°♌01'22	
	-2656 Aug 24 j 22:43	0°♍	
evening max el	-2656 Sep 09 j 00:24	18°♍39'52	23°54'20
retrograde	-2656 Sep 19 j 20:35	25°♍03'16	
evening set	-2656 Sep 25 j 00:58	22°♍53'19	
inferior conj	-2656 Sep 30 j 10:05	16°♍31'20	0°-23'00
minimum elong	-2656 Sep 30 j 10:37	16°♍29'28	0°22'45
min. Earth dist.	-2656 Sep 29 j 21:43	17°♍13'23	0.67405 AU
asc. node	-2656 Oct 01 j 12:50	15°♍01'12	
morning rise	-2656 Oct 05 j 20:28	10°♍20'59	
direct	-2656 Oct 09 j 18:20	8°♍54'18	
morning max el	-2656 Oct 18 j 00:43	13°♍44'43	20°50'56
greatest brilliancy	-2656 Oct 23 j 21:13	20°♍38'43	-0.5m
	-2656 Oct 30 j 15:54	0°♎	
desc. node	-2656 Nov 12 j 01:32	18°♎30'27	
morning set	-2656 Nov 16 j 07:17	25°♎03'38	
	-2656 Nov 19 j 10:52	0°♏	
max. Earth dist.	-2656 Nov 25 j 05:29	9°♏14'29	1.42891 AU
superior conj	-2656 Dec 01 j 22:44	20°♏20'37	-1°-45'-48
minimum elong	-2656 Dec 01 j 17:39	19°♏59'15	1°45'33
	-2656 Dec 07 j 14:08	0°♐	
evening rise	-2656 Dec 13 j 20:59	11°♐04'33	
	-2656 Dec 24 j 21:39	0°♑	
asc. node	-2656 Dec 28 j 12:01	5°♑05'16	
evening max el	-2656 Dec 30 j 20:21	7°♑45'06	18°07'57
retrograde	-2655 Jan 06 j 11:11	11°♑12'07	
evening set	-2655 Jan 09 j 03:33	10°♑37'45	
inferior conj	-2655 Jan 15 j 16:34	5°♑30'30	3°58'06
minimum elong	-2655 Jan 15 j 15:46	5°♑32'31	3°58'00
min. Earth dist.	-2655 Jan 18 j 14:33	2°♑36'10	0.61949 AU
	-2655 Jan 21 j 14:30	30°℞♐	
morning rise	-2655 Jan 22 j 01:44	29°♐39'23	
direct	-2655 Jan 29 j 02:02	27°♐08'04	
	-2655 Feb 06 j 04:38	0°♑	
desc. node	-2655 Feb 08 j 00:46	1°♑19'09	
morning max el	-2655 Feb 12 j 02:34	4°♑54'54	27°43'05
	-2655 Mar 02 j 22:15	0°♒	
morning set	-2655 Mar 17 j 04:47	26°♒11'46	
	-2655 Mar 19 j 01:05	0°♓	
max. Earth dist.	-2655 Mar 23 j 02:37	8°♓38'00	1.32734 AU
superior conj	-2655 Mar 24 j 14:32	11°♓52'30	0°-19'-32
minimum elong	-2655 Mar 24 j 15:26	11°♓57'22	0°19'23
asc. node	-2655 Mar 26 j 11:24	15°♓56'34	
evening rise	-2655 Mar 31 j 15:11	27°♓02'58	
	-2655 Apr 02 j 01:04	0°♈	
	-2655 Apr 19 j 14:49	0°♉	
evening max el	-2655 Apr 25 j 19:43	7°♉00'24	24°27'39
desc. node	-2655 May 06 j 23:43	13°♉44'39	
retrograde	-2655 May 09 j 18:13	14°♉02'21	
evening set	-2655 May 14 j 09:27	13°♉13'58	
min. Earth dist.	-2655 May 20 j 07:33	10°♉15'06	0.56846 AU
inferior conj	-2655 May 23 j 01:11	8°♉30'04	-3°-48'-35
minimum elong	-2655 May 22 j 19:43	8°♉38'53	3°47'32
morning rise	-2655 May 31 j 10:01	4°♉24'35	
direct	-2655 Jun 02 j 22:19	4°♉07'16	
morning max el	-2655 Jun 12 j 07:40	8°♉28'52	19°28'52
asc. node	-2655 Jun 22 j 10:47	22°♉23'27	
	-2655 Jun 26 j 13:30	0°♊	
morning set	-2655 Jun 29 j 14:22	5°♊58'41	
superior conj	-2655 Jul 07 j 18:18	22°♊17'36	1°46'58
minimum elong	-2655 Jul 07 j 17:14	22°♊12'21	1°47'01
	-2655 Jul 11 j 18:12	0°♋	
max. Earth dist.	-2655 Jul 13 j 18:47	3°♋47'25	1.37679 AU
evening rise	-2655 Jul 17 j 16:02	10°♋50'24	
	-2655 Jul 29 j 03:48	0°♌	
desc. node	-2655 Aug 02 j 22:58	7°♌18'32	
	-2655 Aug 20 j 08:20	0°♍	
evening max el	-2655 Aug 22 j 11:26	2°♍11'33	25°11'36
retrograde	-2655 Sep 03 j 08:14	9°♍04'20	
evening set	-2655 Sep 09 j 03:38	6°♍36'46	
min. Earth dist.	-2655 Sep 13 j 15:36	1°♍32'27	0.67009 AU
inferior conj	-2655 Sep 14 j 14:41	0°♍16'51	-1°-17'-8
minimum elong	-2655 Sep 14 j 16:32	0°♍10'47	1°16'22
	-2655 Sep 14 j 19:50	30°℞♌	
asc. node	-2655 Sep 18 j 09:57	25°♌45'01	
morning rise	-2655 Sep 20 j 05:55	24°♌14'01	
direct	-2655 Sep 23 j 16:21	23°♌05'40	
morning max el	-2655 Oct 01 j 02:29	27°♌21'41	19°43'51
	-2655 Oct 03 j 11:32	0°♍	
greatest brilliancy	-2655 Oct 09 j 06:38	7°♍40'13	-0.6m
	-2655 Oct 24 j 02:22	0°♎	
morning set	-2655 Oct 26 j 05:35	3°♎18'14	
desc. node	-2655 Oct 29 j 22:32	9°♎04'00	
max. Earth dist.	-2655 Nov 07 j 17:28	22°♎53'24	1.44200 AU
superior conj	-2655 Nov 12 j 00:03	29°♎43'40	-1°-17'-36

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2655 Nov 11 j 16:35	29°♎13'37	1°16'52
	-2655 Nov 12 j 04:06	0°♏	
evening rise	-2655 Nov 25 j 20:15	22°♏36'20	
	-2655 Nov 30 j 05:06	0°♐	
evening max el	-2655 Dec 14 j 09:00	21°♐03'28	18°19'40
asc. node	-2655 Dec 15 j 09:04	22°♐00'58	
retrograde	-2655 Dec 20 j 21:54	24°♐36'45	
evening set	-2655 Dec 23 j 18:20	23°♐53'20	
inferior conj	-2655 Dec 29 j 21:44	18°♐26'09	3°43'13
minimum elong	-2655 Dec 29 j 19:23	18°♐32'46	3°42'47
min. Earth dist.	-2654 Jan 01 j 05:19	15°♐51'06	0.63739 AU
morning rise	-2654 Jan 04 j 18:54	12°♐24'55	
direct	-2654 Jan 11 j 18:31	9°♐36'41	
morning max el	-2654 Jan 25 j 10:19	17°♐22'48	27°34'25
desc. node	-2654 Jan 25 j 21:52	17°♐51'43	
	-2654 Feb 05 j 00:29	0°♑	
	-2654 Feb 23 j 16:36	0°♒	
morning set	-2654 Mar 01 j 02:27	10°♒21'58	
max. Earth dist.	-2654 Mar 06 j 07:01	20°♒58'47	1.33360 AU
superior conj	-2654 Mar 08 j 22:01	26°♒32'34	0°-45'-3
minimum elong	-2654 Mar 09 j 00:03	26°♒43'27	0°44'43
	-2654 Mar 10 j 12:44	0°♓	
asc. node	-2654 Mar 13 j 08:26	6°♓03'36	
evening rise	-2654 Mar 16 j 02:46	11°♓55'55	
	-2654 Mar 25 j 10:39	0°♈	
evening max el	-2654 Apr 07 j 11:54	17°♈41'23	22°53'24
retrograde	-2654 Apr 20 j 18:21	24°♈13'35	
desc. node	-2654 Apr 23 j 20:49	23°♈52'30	
evening set	-2654 Apr 24 j 01:53	23°♈49'36	
min. Earth dist.	-2654 May 01 j 21:37	20°♈22'20	0.55559 AU
inferior conj	-2654 May 03 j 08:06	19°♈32'33	-2°-31'-22
minimum elong	-2654 May 03 j 02:04	19°♈41'18	2°29'34
morning rise	-2654 May 12 j 04:55	15°♈36'28	
direct	-2654 May 14 j 20:02	15°♈20'06	
morning max el	-2654 May 25 j 20:30	20°♈28'03	20°40'33
	-2654 Jun 02 j 14:12	0°♉	
asc. node	-2654 Jun 09 j 07:51	11°♉38'26	
morning set	-2654 Jun 13 j 20:23	20°♉37'11	
	-2654 Jun 18 j 09:22	0°♊	
superior conj	-2654 Jun 21 j 11:56	6°♊23'38	1°38'22
minimum elong	-2654 Jun 21 j 09:44	6°♊12'21	1°38'16
max. Earth dist.	-2654 Jun 26 j 02:16	15°♊35'32	1.35944 AU
evening rise	-2654 Jun 30 j 07:24	23°♊38'32	
	-2654 Jul 03 j 19:05	0°♋	
desc. node	-2654 Jul 20 j 19:58	27°♋15'32	
	-2654 Jul 22 j 19:01	0°♌	
evening max el	-2654 Aug 04 j 22:45	15°♌45'02	26°17'30
retrograde	-2654 Aug 17 j 15:01	22°♌56'08	
evening set	-2654 Aug 24 j 00:48	20°♌15'15	
min. Earth dist.	-2654 Aug 28 j 04:39	15°♌48'53	0.66282 AU
inferior conj	-2654 Aug 29 j 15:32	14°♌01'04	-2°-9'-56
minimum elong	-2654 Aug 29 j 18:35	13°♌51'39	2°08'46
morning rise	-2654 Sep 04 j 13:14	8°♌09'10	
asc. node	-2654 Sep 05 j 07:02	7°♌46'25	
direct	-2654 Sep 07 j 14:35	7°♌15'46	
morning max el	-2654 Sep 14 j 10:53	11°♌06'03	18°51'36
	-2654 Sep 27 j 23:58	0°♍	
morning set	-2654 Oct 05 j 21:15	12°♍28'48	
desc. node	-2654 Oct 16 j 19:30	29°♍44'36	
	-2654 Oct 16 j 23:25	0°♎	
max. Earth dist.	-2654 Oct 21 j 10:32	7°♎01'41	1.44849 AU
superior conj	-2654 Oct 22 j 03:50	8°♎09'52	0°-33'-50
minimum elong	-2654 Oct 21 j 23:27	7°♎52'35	0°33'18
	-2654 Nov 04 j 21:35	0°♏	

evening rise	-2654 Nov 06 j 20:17	3°♏07'53	
	-2654 Nov 24 j 02:55	0°♐	
evening max el	-2654 Nov 27 j 20:24	4°♐27'37	18°49'22
asc. node	-2654 Dec 02 j 06:08	7°♐46'13	
retrograde	-2654 Dec 04 j 15:06	8°♐17'12	
evening set	-2654 Dec 07 j 17:01	7°♐23'02	
inferior conj	-2654 Dec 13 j 13:07	1°♐38'17	3°14'26
minimum elong	-2654 Dec 13 j 10:07	1°♐47'28	3°13'38
	-2654 Dec 14 j 21:14	30°℞♏	
min. Earth dist.	-2654 Dec 15 j 05:41	29°♏34'28	0.65191 AU
morning rise	-2654 Dec 19 j 02:11	25°♏29'41	
direct	-2654 Dec 25 j 17:26	22°♏39'44	
	-2653 Jan 07 j 13:13	0°♐	
morning max el	-2653 Jan 07 j 19:49	0°♐16'22	26°53'19
desc. node	-2653 Jan 12 j 18:55	5°♐42'59	
	-2653 Jan 29 j 23:35	0°♑	
morning set	-2653 Feb 12 j 13:47	23°♑55'59	
	-2653 Feb 15 j 16:24	0°♒	
max. Earth dist.	-2653 Feb 17 j 01:29	2°♒45'31	1.34420 AU
superior conj	-2653 Feb 21 j 00:20	10°♒51'51	-1°-9'-24
minimum elong	-2653 Feb 21 j 03:18	11°♒07'18	1°08'59
asc. node	-2653 Feb 28 j 05:27	26°♒00'39	
evening rise	-2653 Feb 28 j 12:34	26°♒37'38	
	-2653 Mar 02 j 03:54	0°♓	
evening max el	-2653 Mar 20 j 09:47	28°♓34'32	21°22'50
	-2653 Mar 21 j 23:57	0°♈	
retrograde	-2653 Apr 01 j 08:42	4°♈20'21	
evening set	-2653 Apr 03 j 20:20	4°♈06'16	
desc. node	-2653 Apr 10 j 17:54	1°♈26'11	
inferior conj	-2653 Apr 13 j 03:42	0°♈06'23	0°-40'-31
minimum elong	-2653 Apr 13 j 01:48	0°♈09'03	0°39'51
	-2653 Apr 13 j 08:14	30°℞♓	
min. Earth dist.	-2653 Apr 13 j 11:08	29°♓55'56	0.55107 AU
morning rise	-2653 Apr 22 j 07:17	26°♓03'48	
direct	-2653 Apr 25 j 07:57	25°♓43'48	
	-2653 May 05 j 22:14	0°♈	
morning max el	-2653 May 07 j 22:23	1°♈44'24	22°09'39
	-2653 May 26 j 13:43	0°♉	
asc. node	-2653 May 27 j 04:52	1°♉16'14	
morning set	-2653 May 29 j 06:12	5°♉29'16	
superior conj	-2653 Jun 05 j 13:40	20°♉55'18	1°24'08
minimum elong	-2653 Jun 05 j 11:03	20°♉41'32	1°23'51
max. Earth dist.	-2653 Jun 08 j 19:03	27°♉37'39	1.34537 AU
	-2653 Jun 09 j 22:58	0°♊	
evening rise	-2653 Jun 13 j 14:34	7°♊14'45	
	-2653 Jun 26 j 09:31	0°♋	
desc. node	-2653 Jul 07 j 17:00	16°♋43'16	
evening max el	-2653 Jul 18 j 10:23	29°♋11'52	27°04'14
	-2653 Jul 19 j 06:47	0°♌	
retrograde	-2653 Jul 31 j 16:28	6°♌31'53	
evening set	-2653 Aug 07 j 14:01	3°♌45'20	
	-2653 Aug 11 j 09:32	30°℞♋	
min. Earth dist.	-2653 Aug 11 j 10:28	29°♋57'23	0.65184 AU
inferior conj	-2653 Aug 13 j 10:30	27°♋40'17	-2°-59'-14
minimum elong	-2653 Aug 13 j 14:24	27°♋29'08	2°57'59
morning rise	-2653 Aug 19 j 16:08	22°♋02'44	
direct	-2653 Aug 22 j 10:44	21°♋20'57	
asc. node	-2653 Aug 23 j 04:06	21°♋23'48	
morning max el	-2653 Aug 28 j 23:58	24°♋54'25	18°15'53
	-2653 Sep 02 j 04:52	0°♌	
morning set	-2653 Sep 16 j 16:35	23°♌01'16	
	-2653 Sep 20 j 22:25	0°♍	
superior conj	-2653 Oct 01 j 05:29	16°♍35'39	0°15'46
minimum elong	-2653 Oct 01 j 07:27	16°♍43'30	0°15'32

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

behind sun begin	-2653 Oct 01 j 04:08	16°♍30'17	
behind sun end	-2653 Oct 01 j 10:47	16°♍56'42	
desc. node	-2653 Oct 03 j 16:28	20°♍29'21	
max. Earth dist.	-2653 Oct 04 j 05:19	21°♍20'05	1.44761 AU
	-2653 Oct 09 j 17:36	0°♎	
evening rise	-2653 Oct 17 j 20:16	12°♎40'02	
	-2653 Oct 29 j 01:03	0°♏	
greatest brilliancy	-2653 Nov 02 j 17:24	6°♏59'41	-0.7m
evening max el	-2653 Nov 11 j 04:13	17°♏54'13	19°35'35
retrograde	-2653 Nov 18 j 11:41	22°♏08'56	
asc. node	-2653 Nov 19 j 03:12	22°♏06'32	
evening set	-2653 Nov 21 j 20:55	21°♏01'55	
inferior conj	-2653 Nov 27 j 11:42	15°♏02'41	2°35'58
minimum elong	-2653 Nov 27 j 08:47	15°♏12'11	2°35'00
min. Earth dist.	-2653 Nov 28 j 14:32	13°♏35'16	0.66274 AU
morning rise	-2653 Dec 02 j 19:57	8°♏48'56	
direct	-2653 Dec 08 j 22:10	6°♏09'10	
morning max el	-2653 Dec 21 j 05:09	13°♏24'49	25°47'18
desc. node	-2653 Dec 30 j 15:56	24°♏30'03	
	-2652 Jan 03 j 17:13	0°♐	
	-2652 Jan 22 j 17:07	0°♑	
morning set	-2652 Jan 26 j 10:25	6°♑41'02	
max. Earth dist.	-2652 Jan 30 j 08:18	14°♑00'53	1.35928 AU
superior conj	-2652 Feb 04 j 18:57	24°♑42'51	-1°-31'-1
minimum elong	-2652 Feb 04 j 22:20	24°♑59'52	1°30'41
	-2652 Feb 07 j 09:28	0°♒	
evening rise	-2652 Feb 12 j 18:40	11°♒01'59	
asc. node	-2652 Feb 15 j 02:28	15°♒42'56	
	-2652 Feb 22 j 23:05	0°♓	
evening max el	-2652 Mar 01 j 17:38	9°♓59'16	20°05'51
retrograde	-2652 Mar 12 j 00:28	14°♓53'17	
evening set	-2652 Mar 14 j 06:09	14°♓40'23	
inferior conj	-2652 Mar 23 j 01:56	10°♓40'34	1°14'55
minimum elong	-2652 Mar 23 j 05:05	10°♓35'48	1°13'50
min. Earth dist.	-2652 Mar 25 j 01:10	9°♓29'29	0.55593 AU
desc. node	-2652 Mar 27 j 14:59	8°♓02'39	
morning rise	-2652 Apr 01 j 01:21	6°♓13'42	
direct	-2652 Apr 04 j 22:38	5°♓40'34	
morning max el	-2652 Apr 18 j 16:06	12°♓28'10	23°48'42
	-2652 May 01 j 23:31	0°♈	
morning set	-2652 May 12 j 17:58	20°♈29'01	
asc. node	-2652 May 13 j 01:53	21°♈10'33	
	-2652 May 17 j 04:57	0°♉	
superior conj	-2652 May 19 j 20:45	5°♉44'00	1°05'42
minimum elong	-2652 May 19 j 18:19	5°♉30'54	1°05'19
max. Earth dist.	-2652 May 21 j 21:12	10°♉03'05	1.33503 AU
evening rise	-2652 May 27 j 09:06	21°♉26'04	
	-2652 May 31 j 18:43	0°♊	
	-2652 Jun 19 j 07:19	0°♋	
desc. node	-2652 Jun 23 j 14:02	5°♋29'01	
evening max el	-2652 Jun 29 j 20:54	12°♋19'50	27°24'45
retrograde	-2652 Jul 13 j 12:19	19°♋42'27	
evening set	-2652 Jul 20 j 16:10	17°♋01'48	
min. Earth dist.	-2652 Jul 24 j 07:08	13°♋48'26	0.63704 AU
inferior conj	-2652 Jul 26 j 21:01	11°♋08'39	-3°-42'-6
minimum elong	-2652 Jul 27 j 01:04	10°♋58'09	3°41'07
morning rise	-2652 Aug 02 j 11:57	5°♋48'44	
direct	-2652 Aug 05 j 02:05	5°♋15'37	
asc. node	-2652 Aug 09 j 01:09	6°♋33'18	
morning max el	-2652 Aug 11 j 15:05	8°♋40'55	17°57'34
	-2652 Aug 25 j 19:22	0°♌	
morning set	-2652 Aug 28 j 13:43	4°♌47'23	
superior conj	-2652 Sep 10 j 02:00	25°♌59'38	0°58'45
minimum elong	-2652 Sep 10 j 07:25	26°♌21'52	0°58'09
	-2652 Sep 12 j 12:48	0°♍	
max. Earth dist.	-2652 Sep 15 j 21:48	5°♍26'36	1.43962 AU
desc. node	-2652 Sep 19 j 13:27	11°♍14'45	
evening rise	-2652 Sep 26 j 03:25	21°♍30'55	
	-2652 Oct 01 j 16:20	0°♎	
greatest brilliancy	-2652 Oct 18 j 05:14	24°♎04'20	-0.5m
	-2652 Oct 23 j 00:36	0°♏	
evening max el	-2652 Oct 24 j 06:40	1°♏20'36	20°36'23
retrograde	-2652 Nov 01 j 09:06	6°♏07'47	
evening set	-2652 Nov 05 j 03:47	4°♏45'35	
asc. node	-2652 Nov 05 j 00:15	4°♏51'54	
	-2652 Nov 09 j 13:51	30°℞♎	
inferior conj	-2652 Nov 10 j 15:01	28°♎35'21	1°50'44
minimum elong	-2652 Nov 10 j 12:41	28°♎43'13	1°49'51
min. Earth dist.	-2652 Nov 11 j 05:46	27°♎45'16	0.67004 AU
morning rise	-2652 Nov 15 j 21:08	22°♎18'52	
direct	-2652 Nov 21 j 08:16	19°♎56'50	
morning max el	-2652 Dec 02 j 13:45	26°♎38'35	24°25'46
	-2652 Dec 05 j 16:38	0°♏	
desc. node	-2652 Dec 16 j 12:57	13°♏56'16	
	-2652 Dec 27 j 08:19	0°♐	
morning set	-2651 Jan 07 j 10:37	18°♐20'50	
max. Earth dist.	-2651 Jan 11 j 05:42	25°♐05'27	1.37816 AU
	-2651 Jan 13 j 21:57	0°♑	
superior conj	-2651 Jan 18 j 02:29	7°♑55'48	-1°-47'-45
minimum elong	-2651 Jan 18 j 05:21	8°♑09'36	1°47'39
evening rise	-2651 Jan 26 j 18:45	25°♑01'51	
	-2651 Jan 29 j 07:30	0°♒	
asc. node	-2651 Jan 31 j 23:30	5°♒04'18	
evening max el	-2651 Feb 12 j 12:08	22°♒00'30	19°07'17
retrograde	-2651 Feb 21 j 05:03	26°♒10'38	
evening set	-2651 Feb 23 j 12:38	25°♒54'12	
inferior conj	-2651 Mar 03 j 15:19	21°♒41'24	2°44'52
minimum elong	-2651 Mar 03 j 20:06	21°♒33'07	2°43'37
min. Earth dist.	-2651 Mar 06 j 16:39	19°♒35'46	0.56904 AU
morning rise	-2651 Mar 11 j 23:36	16°♒43'07	
desc. node	-2651 Mar 14 j 12:02	15°♒58'10	
direct	-2651 Mar 17 j 01:30	15°♒42'34	
morning max el	-2651 Mar 31 j 07:01	23°♒02'00	25°25'06
	-2651 Apr 06 j 12:15	0°♓	
	-2651 Apr 24 j 13:57	0°♈	
morning set	-2651 Apr 27 j 06:03	5°♈30'31	
asc. node	-2651 Apr 29 j 22:55	11°♈16'06	
superior conj	-2651 May 04 j 07:04	20°♈42'34	0°44'09
minimum elong	-2651 May 04 j 05:15	20°♈32'38	0°43'49
max. Earth dist.	-2651 May 05 j 06:23	22°♈49'27	1.32833 AU
	-2651 May 08 j 14:23	0°♉	
evening rise	-2651 May 11 j 11:33	6°♉01'41	
	-2651 May 24 j 08:58	0°♊	
desc. node	-2651 Jun 10 j 11:04	23°♊15'13	
evening max el	-2651 Jun 12 j 04:15	24°♊57'37	27°14'05
	-2651 Jun 18 j 15:02	0°♋	
retrograde	-2651 Jun 26 j 01:51	2°♋18'57	
evening set	-2651 Jul 03 j 03:26	29°♊58'27	
	-2651 Jul 03 j 02:29	30°℞♊	
min. Earth dist.	-2651 Jul 06 j 17:57	27°♊09'43	0.61888 AU
inferior conj	-2651 Jul 09 j 20:05	24°♊19'54	-4°-13'-59
minimum elong	-2651 Jul 09 j 23:06	24°♊12'57	4°13'32
morning rise	-2651 Jul 16 j 21:28	19°♊20'13	
direct	-2651 Jul 19 j 09:18	18°♊53'21	
morning max el	-2651 Jul 26 j 05:31	22°♊19'30	17°57'35
asc. node	-2651 Jul 26 j 22:13	23°♊01'57	
	-2651 Aug 01 j 04:29	0°♋	
morning set	-2651 Aug 11 j 07:13	17°♋32'16	
	-2651 Aug 18 j 05:22	0°♌	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2651 Aug 22 j 02:02	6°♌45'30	1°28'24
minimum elong	-2651 Aug 22 j 06:46	7°♌05'57	1°28'01
max. Earth dist.	-2651 Aug 29 j 09:30	19°♌04'37	1.42568 AU
evening rise	-2651 Sep 05 j 11:18	0°♍26'59	
	-2651 Sep 05 j 04:27	0°♍	
desc. node	-2651 Sep 06 j 10:27	1°♍57'51	
	-2651 Sep 25 j 07:08	0°♎	
greatest brilliancy	-2651 Oct 02 j 06:39	9°♎15'17	-0.4m
evening max el	-2651 Oct 07 j 03:10	14°♎47'18	21°48'42
retrograde	-2651 Oct 16 j 05:25	20°♎11'35	
evening set	-2651 Oct 20 j 11:45	18°♎31'57	
asc. node	-2651 Oct 22 j 21:19	16°♎09'11	
inferior conj	-2651 Oct 25 j 21:01	12°♎14'23	1°00'53
minimum elong	-2651 Oct 25 j 19:38	12°♎19'08	1°00'19
min. Earth dist.	-2651 Oct 26 j 00:55	12°♎00'53	0.67407 AU
morning rise	-2651 Oct 31 j 03:16	5°♎57'57	
direct	-2651 Nov 04 j 23:07	3°♎57'16	
morning max el	-2651 Nov 14 j 23:36	9°♎55'35	22°58'45
greatest brilliancy	-2651 Nov 19 j 20:25	15°♎23'28	-0.3m
	-2651 Nov 30 j 18:17	0°♏	
desc. node	-2651 Dec 03 j 09:59	3°♏50'44	
morning set	-2651 Dec 19 j 08:17	28°♏40'35	
	-2651 Dec 20 j 03:25	0°♐	
max. Earth dist.	-2651 Dec 24 j 01:06	6°♐36'21	1.39904 AU
superior conj	-2651 Dec 31 j 18:38	20°♐20'07	-1°-56'-43
minimum elong	-2651 Dec 31 j 19:32	20°♐24'16	1°56'48
	-2650 Jan 05 j 22:57	0°♑	
evening rise	-2650 Jan 10 j 10:07	8°♑30'56	
asc. node	-2650 Jan 18 j 20:33	23°♑58'01	
	-2650 Jan 22 j 18:43	0°♒	
evening max el	-2650 Jan 26 j 15:27	4°♒34'00	18°28'36
retrograde	-2650 Feb 03 j 04:00	8°♒15'17	
evening set	-2650 Feb 05 j 15:17	7°♒52'42	
inferior conj	-2650 Feb 13 j 01:09	3°♒19'50	3°37'57
minimum elong	-2650 Feb 13 j 04:18	3°♒13'31	3°37'27
min. Earth dist.	-2650 Feb 16 j 11:03	0°♒36'42	0.58762 AU
	-2650 Feb 17 j 06:46	30°℞♑	
morning rise	-2650 Feb 20 j 13:41	27°♑55'23	
direct	-2650 Feb 26 j 17:54	26°♑17'02	
desc. node	-2650 Mar 01 j 09:08	26°♑34'37	
	-2650 Mar 08 j 11:21	0°♒	
morning max el	-2650 Mar 13 j 00:45	3°♒52'47	26°43'36
	-2650 Apr 01 j 01:00	0°♓	
morning set	-2650 Apr 11 j 16:43	20°♓26'52	
	-2650 Apr 16 j 03:54	0°♈	
asc. node	-2650 Apr 16 j 19:57	1°♈27'29	
superior conj	-2650 Apr 18 j 18:44	5°♈43'33	0°20'24
minimum elong	-2650 Apr 18 j 17:50	5°♈38'38	0°20'12
max. Earth dist.	-2650 Apr 18 j 19:12	5°♈46'07	1.32518 AU
evening rise	-2650 Apr 25 j 19:10	20°♈51'38	
	-2650 Apr 30 j 07:38	0°♉	
	-2650 May 18 j 23:55	0°♊	
evening max el	-2650 May 25 j 06:08	6°♊54'39	26°30'37
desc. node	-2650 May 28 j 08:08	9°♊36'06	
retrograde	-2650 Jun 08 j 07:24	14°♊12'10	
evening set	-2650 Jun 14 j 19:22	12°♊24'54	
min. Earth dist.	-2650 Jun 18 j 19:27	9°♊45'19	0.59865 AU
inferior conj	-2650 Jun 22 j 04:04	7°♊04'17	-4°-27'-52
minimum elong	-2650 Jun 22 j 04:27	7°♊03'32	4°27'49
morning rise	-2650 Jun 29 j 16:56	2°♊26'37	
direct	-2650 Jul 02 j 04:20	2°♊04'12	
morning max el	-2650 Jul 09 j 16:15	5°♊41'26	18°16'56
asc. node	-2650 Jul 13 j 19:17	10°♊33'30	
	-2650 Jul 25 j 02:43	0°♋	
morning set	-2650 Jul 25 j 15:41	1°♋01'20	
superior conj	-2650 Aug 04 j 03:20	18°♋46'33	1°44'16
minimum elong	-2650 Aug 04 j 05:39	18°♋57'04	1°44'14
	-2650 Aug 10 j 11:12	0°♌	
max. Earth dist.	-2650 Aug 11 j 15:44	2°♌02'34	1.40766 AU
evening rise	-2650 Aug 16 j 13:34	10°♌15'33	
desc. node	-2650 Aug 24 j 07:28	22°♌34'32	
	-2650 Aug 29 j 05:06	0°♍	
greatest brilliancy	-2650 Sep 14 j 06:34	22°♍04'56	-0.2m
evening max el	-2650 Sep 19 j 18:23	28°♍15'07	23°08'00
	-2650 Sep 21 j 14:27	0°♎	
retrograde	-2650 Sep 29 j 23:06	4°♎17'21	
evening set	-2650 Oct 04 j 19:04	2°♎18'38	
	-2650 Oct 07 j 01:45	30°℞♍	
asc. node	-2650 Oct 09 j 18:24	26°♍29'53	
inferior conj	-2650 Oct 10 j 03:50	25°♍57'26	0°08'07
minimum elong	-2650 Oct 10 j 03:38	25°♍58'06	0°08'02
transit middle	-2650 Oct 10 j 03:38	25°♍58'06	0°08'02
transit begin	-2650 Oct 10 j 01:17	26°♍06'12	
transit end	-2650 Oct 10 j 06:00	25°♍50'01	
min. Earth dist.	-2650 Oct 09 j 21:28	26°♍19'21	0.67499 AU
morning rise	-2650 Oct 15 j 12:12	19°♍44'03	
direct	-2650 Oct 19 j 17:42	18°♍05'16	
morning max el	-2650 Oct 28 j 14:03	23°♍18'37	21°35'00
greatest brilliancy	-2650 Nov 02 j 15:37	29°♍07'11	-0.4m
	-2650 Nov 03 j 08:20	0°♎	
desc. node	-2650 Nov 20 j 07:01	24°♎05'12	
	-2650 Nov 24 j 03:54	0°♏	
morning set	-2650 Nov 29 j 01:18	7°♏38'50	
max. Earth dist.	-2650 Dec 06 j 02:05	19°♏01'02	1.41903 AU
	-2650 Dec 12 j 14:17	0°♐	
superior conj	-2650 Dec 13 j 13:57	1°♐42'19	-1°-54'-8
minimum elong	-2650 Dec 13 j 11:16	1°♐30'41	1°54'07
evening rise	-2650 Dec 24 j 13:20	21°♐21'58	
	-2650 Dec 29 j 07:24	0°♑	
asc. node	-2649 Jan 05 j 17:36	12°♑15'27	
evening max el	-2649 Jan 10 j 00:43	17°♑31'28	18°09'51
retrograde	-2649 Jan 16 j 20:23	20°♑59'41	
evening set	-2649 Jan 19 j 10:58	20°♑29'45	
inferior conj	-2649 Jan 26 j 06:43	15°♑34'38	3°58'07
minimum elong	-2649 Jan 26 j 07:13	15°♑33'27	3°58'02
min. Earth dist.	-2649 Jan 29 j 11:18	12°♑37'57	0.60809 AU
morning rise	-2649 Feb 02 j 00:47	9°♑51'44	
direct	-2649 Feb 08 j 21:06	7°♑37'01	
desc. node	-2649 Feb 16 j 06:14	9°♑56'09	
morning max el	-2649 Feb 23 j 00:34	15°♑20'22	27°31'47
	-2649 Mar 06 j 23:32	0°♒	
	-2649 Mar 24 j 10:36	0°♓	
morning set	-2649 Mar 27 j 00:08	5°♓11'41	
max. Earth dist.	-2649 Apr 02 j 07:59	18°♓40'16	1.32555 AU
superior conj	-2649 Apr 03 j 06:08	20°♓41'08	0°-4'-46
minimum elong	-2649 Apr 03 j 06:21	20°♓42'19	0°04'45
behind sun begin	-2649 Apr 03 j 01:30	20°♓15'53	
behind sun end	-2649 Apr 03 j 11:11	21°♓08'45	
asc. node	-2649 Apr 03 j 17:00	21°♓40'34	
	-2649 Apr 07 j 12:38	0°♈	
evening rise	-2649 Apr 10 j 05:49	5°♈48'14	
	-2649 Apr 23 j 02:47	0°♉	
evening max el	-2649 May 07 j 01:35	18°♉08'54	25°18'17
desc. node	-2649 May 15 j 05:12	23°♉58'03	
retrograde	-2649 May 21 j 02:46	25°♉18'47	
evening set	-2649 May 26 j 13:02	24°♉10'10	
min. Earth dist.	-2649 May 31 j 13:39	21°♉22'46	0.57867 AU
inferior conj	-2649 Jun 03 j 17:27	19°♉11'55	-4°-13'-47
minimum elong	-2649 Jun 03 j 13:57	19°♉18'01	4°13'21
morning rise	-2649 Jun 11 j 18:48	14°♉55'58	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

direct	-2649 Jun 14 j 06:50	14°♉36'55	
morning max el	-2649 Jun 22 j 20:23	18°♉37'49	18°56'40
asc. node	-2649 Jun 30 j 16:22	28°♉53'51	
	-2649 Jul 01 j 08:20	0°♊	
morning set	-2649 Jul 09 j 10:55	15°♊03'41	
	-2649 Jul 17 j 01:54	0°♋	
superior conj	-2649 Jul 18 j 00:22	1°♋47'48	1°48'38
minimum elong	-2649 Jul 18 j 00:19	1°♋47'36	1°48'43
max. Earth dist.	-2649 Jul 24 j 18:26	14°♋19'39	1.38793 AU
evening rise	-2649 Jul 28 j 17:27	21°♋17'42	
	-2649 Aug 02 j 21:48	0°♌	
desc. node	-2649 Aug 11 j 04:28	13°♌00'34	
	-2649 Aug 23 j 05:09	0°♍	
evening max el	-2649 Sep 02 j 06:17	11°♍45'26	24°28'01
retrograde	-2649 Sep 13 j 13:05	18°♍21'42	
evening set	-2649 Sep 18 j 23:58	16°♍03'53	
min. Earth dist.	-2649 Sep 23 j 16:54	10°♍39'00	0.67285 AU
inferior conj	-2649 Sep 24 j 09:44	9°♍42'34	0°-45'-59
minimum elong	-2649 Sep 24 j 10:50	9°♍38'53	0°45'31
asc. node	-2649 Sep 26 j 15:30	6°♍48'30	
morning rise	-2649 Sep 29 j 22:01	3°♍35'13	
direct	-2649 Oct 03 j 14:49	2°♍16'40	
morning max el	-2649 Oct 11 j 11:37	6°♍50'47	20°20'41
greatest brilliancy	-2649 Oct 18 j 03:15	14°♍53'15	-0.6m
	-2649 Oct 28 j 14:49	0°♎	
desc. node	-2649 Nov 07 j 04:00	14°♎33'11	
morning set	-2649 Nov 07 j 23:59	15°♎50'26	
	-2649 Nov 17 j 00:14	0°♏	
max. Earth dist.	-2649 Nov 18 j 10:57	2°♏18'59	1.43526 AU
superior conj	-2649 Nov 24 j 07:03	11°♏48'58	-1°-36'00
minimum elong	-2649 Nov 24 j 00:29	11°♏21'53	1°35'31
	-2649 Dec 05 j 00:48	0°♐	
evening rise	-2649 Dec 07 j 00:08	3°♐25'28	
asc. node	-2649 Dec 23 j 14:40	29°♐44'43	
	-2649 Dec 23 j 20:12	0°♑	
evening max el	-2649 Dec 24 j 12:52	0°♑43'43	18°10'37
retrograde	-2649 Dec 31 j 01:48	4°♑12'10	
evening set	-2648 Jan 02 j 19:48	3°♑34'00	
	-2648 Jan 07 j 12:35	30°℞♐	
inferior conj	-2648 Jan 09 j 04:23	28°♐17'41	3°53'49
minimum elong	-2648 Jan 09 j 02:48	28°♐21'52	3°53'36
min. Earth dist.	-2648 Jan 11 j 20:20	25°♐29'55	0.62747 AU
morning rise	-2648 Jan 15 j 07:55	22°♐21'49	
direct	-2648 Jan 22 j 08:54	19°♐41'49	
desc. node	-2648 Feb 03 j 03:18	25°♐29'20	
morning max el	-2648 Feb 05 j 06:16	27°♐28'36	27°43'48
	-2648 Feb 07 j 16:28	0°♑	
	-2648 Feb 28 j 15:04	0°♒	
morning set	-2648 Mar 10 j 02:06	19°♒36'45	
	-2648 Mar 15 j 02:12	0°♓	
max. Earth dist.	-2648 Mar 15 j 16:43	1°♓17'20	1.32955 AU
superior conj	-2648 Mar 17 j 15:30	5°♓28'46	0°-30'-27
minimum elong	-2648 Mar 17 j 16:54	5°♓36'17	0°30'11
asc. node	-2648 Mar 20 j 14:02	11°♓50'42	
evening rise	-2648 Mar 24 j 17:32	20°♓43'54	
	-2648 Mar 29 j 06:36	0°♈	
evening max el	-2648 Apr 17 j 16:59	28°♈53'09	23°47'49
	-2648 Apr 18 j 21:57	0°♉	
retrograde	-2648 May 01 j 10:12	5°♉44'56	
desc. node	-2648 May 01 j 02:16	5°♉44'41	
evening set	-2648 May 05 j 11:29	5°♉08'36	
min. Earth dist.	-2648 May 12 j 04:04	1°♉59'16	0.56211 AU
inferior conj	-2648 May 14 j 10:35	0°♉36'27	-3°-20'-59
minimum elong	-2648 May 14 j 04:18	0°♉46'03	3°19'27
	-2648 May 15 j 10:40	30°℞♈	
morning rise	-2648 May 23 j 00:51	26°♈36'59	
direct	-2648 May 25 j 14:03	26°♈20'22	
	-2648 Jun 03 j 12:05	0°♉	
morning max el	-2648 Jun 04 j 15:18	0°♉59'41	19°57'07
asc. node	-2648 Jun 16 j 13:25	17°♉51'26	
morning set	-2648 Jun 22 j 13:41	29°♉30'53	
	-2648 Jun 22 j 19:27	0°♊	
superior conj	-2648 Jun 30 j 11:44	15°♊34'03	1°44'07
minimum elong	-2648 Jun 30 j 10:05	15°♊25'48	1°44'07
max. Earth dist.	-2648 Jul 05 j 22:16	26°♊10'05	1.36900 AU
	-2648 Jul 07 j 23:18	0°♋	
evening rise	-2648 Jul 09 j 21:13	3°♋30'32	
	-2648 Jul 25 j 21:54	0°♌	
desc. node	-2648 Jul 28 j 01:27	3°♌10'32	
evening max el	-2648 Aug 14 j 17:08	25°♌18'28	25°41'24
	-2648 Aug 20 j 08:53	0°♍	
retrograde	-2648 Aug 26 j 22:45	2°♍20'31	
	-2648 Sep 01 j 18:02	30°℞♌	
evening set	-2648 Sep 02 j 00:35	29°♌46'14	
min. Earth dist.	-2648 Sep 06 j 08:55	24°♌58'10	0.66745 AU
inferior conj	-2648 Sep 07 j 12:58	23°♌28'20	-1°-39'-48
minimum elong	-2648 Sep 07 j 15:21	23°♌20'42	1°38'50
asc. node	-2648 Sep 12 j 12:34	18°♌01'48	
morning rise	-2648 Sep 13 j 06:48	17°♌30'03	
direct	-2648 Sep 16 j 13:03	16°♌28'37	
morning max el	-2648 Sep 23 j 16:32	20°♌32'29	19°19'46
	-2648 Oct 01 j 04:09	0°♍	
greatest brilliancy	-2648 Oct 03 j 19:49	3°♍52'30	-0.7m
morning set	-2648 Oct 17 j 03:30	24°♍23'54	
	-2648 Oct 20 j 17:34	0°♎	
desc. node	-2648 Oct 24 j 00:59	5°♎10'43	
max. Earth dist.	-2648 Oct 31 j 01:43	16°♎14'06	1.44565 AU
superior conj	-2648 Nov 02 j 21:42	20°♎43'37	-1°00'-32
minimum elong	-2648 Nov 02 j 14:48	20°♎16'10	0°59'46
	-2648 Nov 08 j 16:35	0°♏	
evening rise	-2648 Nov 17 j 14:02	14°♏33'19	
	-2648 Nov 26 j 23:02	0°♐	
evening max el	-2648 Dec 07 j 01:13	14°♐04'57	18°30'03
asc. node	-2648 Dec 09 j 11:42	16°♐12'30	
retrograde	-2648 Dec 13 j 15:51	17°♐44'24	
evening set	-2648 Dec 16 j 14:18	16°♐56'45	
inferior conj	-2648 Dec 22 j 14:20	11°♐21'34	3°32'23
minimum elong	-2648 Dec 22 j 11:36	11°♐29'33	3°31'48
min. Earth dist.	-2648 Dec 24 j 15:24	8°♐58'43	0.64403 AU
morning rise	-2648 Dec 28 j 07:34	5°♐16'35	
direct	-2647 Jan 04 j 04:13	2°♐25'59	
morning max el	-2647 Jan 17 j 15:20	10°♐09'56	27°20'27
desc. node	-2647 Jan 20 j 00:22	12°♐38'51	
	-2647 Feb 02 j 07:37	0°♑	
	-2647 Feb 19 j 23:47	0°♒	
morning set	-2647 Feb 21 j 19:49	3°♒32'57	
max. Earth dist.	-2647 Feb 26 j 17:17	13°♒24'14	1.33758 AU
superior conj	-2647 Mar 01 j 21:01	20°♒00'25	0°-55'-38
minimum elong	-2647 Mar 01 j 23:29	20°♒13'30	0°55'14
	-2647 Mar 06 j 13:37	0°♓	
asc. node	-2647 Mar 07 j 11:03	1°♓53'49	
evening rise	-2647 Mar 09 j 04:33	5°♓32'25	
	-2647 Mar 22 j 13:56	0°♈	
evening max el	-2647 Mar 30 j 10:37	9°♈35'07	22°13'37
retrograde	-2647 Apr 12 j 05:47	15°♈49'58	
evening set	-2647 Apr 15 j 02:43	15°♈31'43	
desc. node	-2647 Apr 17 j 23:21	14°♈40'19	
min. Earth dist.	-2647 Apr 23 j 17:49	11°♈47'58	0.55245 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2647 Apr 24 j 11:11	11°♈23'25	-1°-47'-2
minimum elong	-2647 Apr 24 j 06:26	11°♈30'08	1°45'28
morning rise	-2647 May 03 j 11:54	7°♈26'56	
direct	-2647 May 06 j 05:35	7°♈10'00	
morning max el	-2647 May 17 j 23:26	12°♈40'29	21°16'50
	-2647 May 30 j 13:24	0°♉	
asc. node	-2647 Jun 03 j 10:27	7°♉16'42	
morning set	-2647 Jun 06 j 21:30	14°♉15'25	
superior conj	-2647 Jun 14 j 09:10	29°♉52'04	1°32'56
minimum elong	-2647 Jun 14 j 06:42	29°♉39'19	1°32'45
	-2647 Jun 14 j 10:42	0°♊	
max. Earth dist.	-2647 Jun 18 j 08:58	7°♊59'49	1.35288 AU
evening rise	-2647 Jun 22 j 19:50	16°♊40'30	
	-2647 Jun 30 j 04:31	0°♋	
desc. node	-2647 Jul 14 j 22:29	22°♋56'34	
	-2647 Jul 20 j 06:55	0°♌	
evening max el	-2647 Jul 28 j 04:24	8°♌49'35	26°40'13
retrograde	-2647 Aug 10 j 03:31	16°♌06'34	
evening set	-2647 Aug 16 j 18:42	13°♌21'55	
min. Earth dist.	-2647 Aug 20 j 19:09	9°♌12'06	0.65852 AU
inferior conj	-2647 Aug 22 j 11:34	7°♌10'59	-2°-31'-27
minimum elong	-2647 Aug 22 j 15:02	7°♌00'34	2°30'12
morning rise	-2647 Aug 28 j 12:29	1°♌24'52	
asc. node	-2647 Aug 30 j 09:38	0°♌43'03	
direct	-2647 Aug 31 j 10:33	0°♌36'59	
morning max el	-2647 Sep 07 j 03:14	4°♌19'26	18°34'23
	-2647 Sep 24 j 16:53	0°♍	
morning set	-2647 Sep 27 j 06:33	4°♍08'38	
desc. node	-2647 Oct 10 j 21:57	25°♍53'45	
superior conj	-2647 Oct 12 j 21:46	29°♍02'14	0°-12'-45
minimum elong	-2647 Oct 12 j 20:05	28°♍55'34	0°12'32
behind sun begin	-2647 Oct 12 j 12:43	28°♍26'36	
behind sun end	-2647 Oct 13 j 03:26	29°♍24'33	
	-2647 Oct 13 j 12:26	0°♎	
max. Earth dist.	-2647 Oct 13 j 19:20	0°♎27'09	1.44900 AU
evening rise	-2647 Oct 29 j 03:35	24°♎38'51	
	-2647 Nov 01 j 12:34	0°♏	
evening max el	-2647 Nov 20 j 11:19	27°♏30'41	19°07'04
	-2647 Nov 23 j 07:46	0°♐	
asc. node	-2647 Nov 26 j 08:45	1°♐23'32	
retrograde	-2647 Nov 27 j 10:48	1°♐30'09	
evening set	-2647 Nov 30 j 15:29	0°♐31'00	
	-2647 Dec 01 j 09:39	30°℞♏	
inferior conj	-2647 Dec 06 j 09:08	24°♏39'52	2°59'05
minimum elong	-2647 Dec 06 j 06:05	24°♏49'27	2°58'12
min. Earth dist.	-2647 Dec 07 j 19:46	22°♏50'51	0.65701 AU
morning rise	-2647 Dec 11 j 19:47	18°♏28'36	
direct	-2647 Dec 18 j 05:54	15°♏41'27	
morning max el	-2647 Dec 31 j 00:56	23°♏11'28	26°27'36
	-2646 Jan 06 j 03:03	0°♐	
desc. node	-2646 Jan 06 j 21:24	0°♐56'32	
	-2646 Jan 26 j 14:54	0°♑	
morning set	-2646 Feb 05 j 01:33	16°♑48'37	
max. Earth dist.	-2646 Feb 09 j 06:33	24°♑55'28	1.35004 AU
	-2646 Feb 11 j 19:32	0°♒	
superior conj	-2646 Feb 13 j 20:26	4°♒09'16	-1°-19'-1
minimum elong	-2646 Feb 13 j 23:40	4°♒25'50	1°18'38
evening rise	-2646 Feb 21 j 13:01	20°♒07'46	
asc. node	-2646 Feb 22 j 08:04	21°♒45'30	
	-2646 Feb 26 j 11:41	0°♓	
evening max el	-2646 Mar 12 j 12:37	20°♓41'27	20°48'07
retrograde	-2646 Mar 23 j 19:06	26°♓04'47	
evening set	-2646 Mar 26 j 02:32	25°♓52'06	
inferior conj	-2646 Apr 04 j 06:14	21°♓54'42	0°09'57
minimum elong	-2646 Apr 04 j 06:42	21°♓54'03	0°09'46
transit middle	-2646 Apr 04 j 06:42	21°♓54'03	0°09'46
transit begin	-2646 Apr 04 j 03:29	21°♓58'39	
transit end	-2646 Apr 04 j 09:55	21°♓49'26	
desc. node	-2646 Apr 04 j 20:26	21°♓34'20	
min. Earth dist.	-2646 Apr 05 j 07:55	21°♓17'54	0.55195 AU
morning rise	-2646 Apr 13 j 09:28	17°♓43'07	
direct	-2646 Apr 16 j 17:30	17°♓18'56	
morning max el	-2646 Apr 29 j 21:25	23°♓41'51	22°51'11
	-2646 May 05 j 12:41	0°♈	
asc. node	-2646 May 21 j 07:29	27°♈02'39	
morning set	-2646 May 22 j 08:21	29°♈11'42	
	-2646 May 22 j 17:35	0°♉	
superior conj	-2646 May 29 j 13:29	14°♉32'21	1°16'46
minimum elong	-2646 May 29 j 10:52	14°♉18'31	1°16'26
max. Earth dist.	-2646 Jun 01 j 05:47	20°♉11'13	1.34048 AU
evening rise	-2646 Jun 06 j 08:22	0°♊33'49	
	-2646 Jun 06 j 01:31	0°♊	
	-2646 Jun 23 j 04:42	0°♋	
desc. node	-2646 Jul 01 j 19:31	12°♋08'26	
evening max el	-2646 Jul 10 j 15:55	22°♋10'29	27°16'38
retrograde	-2646 Jul 24 j 02:47	29°♋32'25	
evening set	-2646 Jul 31 j 03:38	26°♋47'03	
min. Earth dist.	-2646 Aug 03 j 21:27	23°♋14'16	0.64594 AU
inferior conj	-2646 Aug 06 j 03:17	20°♋46'30	-3°-18'-28
minimum elong	-2646 Aug 06 j 07:22	20°♋35'18	3°17'17
morning rise	-2646 Aug 12 j 12:41	15°♋15'48	
direct	-2646 Aug 15 j 05:03	14°♋38'04	
asc. node	-2646 Aug 17 j 06:42	15°♋00'31	
morning max el	-2646 Aug 21 j 17:26	18°♋07'22	18°05'52
	-2646 Aug 30 j 09:50	0°♌	
morning set	-2646 Sep 08 j 13:25	15°♌14'04	
	-2646 Sep 17 j 10:18	0°♍	
superior conj	-2646 Sep 22 j 05:23	7°♍47'02	0°35'23
minimum elong	-2646 Sep 22 j 09:24	8°♍03'10	0°34'53
max. Earth dist.	-2646 Sep 26 j 13:14	14°♍41'41	1.44506 AU
desc. node	-2646 Sep 27 j 18:56	16°♍39'14	
	-2646 Oct 06 j 07:36	0°♎	
evening rise	-2646 Oct 08 j 18:47	3°♎49'10	
	-2646 Oct 26 j 02:28	0°♏	
greatest brilliancy	-2646 Oct 27 j 11:49	1°♏57'46	-0.6m
evening max el	-2646 Nov 03 j 17:07	10°♏58'02	19°59'52
retrograde	-2646 Nov 11 j 07:54	15°♏25'25	
asc. node	-2646 Nov 13 j 05:48	15°♏04'17	
evening set	-2646 Nov 14 j 20:54	14°♏12'18	
inferior conj	-2646 Nov 20 j 10:00	8°♏08'13	2°17'28
minimum elong	-2646 Nov 20 j 07:17	8°♏17'15	2°16'30
min. Earth dist.	-2646 Nov 21 j 07:35	6°♏56'33	0.66633 AU
morning rise	-2646 Nov 25 j 17:04	1°♏53'09	
	-2646 Nov 28 j 12:23	30°℞♎	
direct	-2646 Dec 01 j 13:10	29°♎19'59	
	-2646 Dec 04 j 19:17	0°♏	
morning max el	-2646 Dec 13 j 09:38	6°♏22'19	25°13'48
desc. node	-2646 Dec 24 j 18:25	20°♏02'07	
	-2646 Dec 31 j 18:53	0°♐	
morning set	-2645 Jan 18 j 14:16	29°♐08'10	
	-2645 Jan 19 j 01:46	0°♑	
max. Earth dist.	-2645 Jan 22 j 08:31	6°♑01'43	1.36695 AU
superior conj	-2645 Jan 28 j 10:52	17°♑45'59	-1°-38'-52
minimum elong	-2645 Jan 28 j 14:10	18°♑02'19	1°38'37
	-2645 Feb 03 j 12:54	0°♒	
evening rise	-2645 Feb 05 j 16:53	4°♒22'50	
asc. node	-2645 Feb 09 j 05:06	11°♒19'52	
	-2645 Feb 20 j 19:30	0°♓	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening max el	-2645 Feb 23 j 01:16	2°♓22'35	19°38'33
retrograde	-2645 Mar 04 j 14:44	6°♓55'48	
evening set	-2645 Mar 06 j 20:58	6°♓41'42	
inferior conj	-2645 Mar 15 j 09:45	2°♓37'47	1°57'19
minimum elong	-2645 Mar 15 j 14:07	2°♓30'52	1°55'58
min. Earth dist.	-2645 Mar 17 j 22:18	1°♓02'11	0.56069 AU
	-2645 Mar 19 j 16:15	30°℞♒	
desc. node	-2645 Mar 22 j 17:31	28°♒29'26	
morning rise	-2645 Mar 24 j 03:50	27°♒57'53	
direct	-2645 Mar 28 j 13:12	27°♒14'41	
	-2645 Apr 06 j 03:25	0°♓	
morning max el	-2645 Apr 11 j 12:59	4°♓17'27	24°30'52
	-2645 Apr 29 j 16:24	0°♈	
morning set	-2645 May 06 j 20:28	14°♈12'52	
asc. node	-2645 May 08 j 04:31	17°♈02'23	
superior conj	-2645 May 13 j 22:10	29°♈25'52	0°56'53
minimum elong	-2645 May 13 j 19:57	29°♈13'50	0°56'30
	-2645 May 14 j 04:29	0°♉	
max. Earth dist.	-2645 May 15 j 11:29	2°♉47'15	1.33180 AU
evening rise	-2645 May 21 j 06:40	14°♉56'50	
	-2645 May 29 j 03:08	0°♊	
	-2645 Jun 18 j 05:43	0°♋	
desc. node	-2645 Jun 18 j 16:34	0°♋31'16	
evening max el	-2645 Jun 23 j 01:37	5°♋07'37	27°24'17
retrograde	-2645 Jul 06 j 19:46	12°♋29'05	
evening set	-2645 Jul 13 j 23:55	9°♋55'34	
min. Earth dist.	-2645 Jul 17 j 14:01	6°♋54'03	0.62969 AU
inferior conj	-2645 Jul 20 j 09:20	4°♋08'30	-3°-57'-21
minimum elong	-2645 Jul 20 j 13:08	3°♋59'08	3°56'34
	-2645 Jul 25 j 04:29	30°℞♊	
morning rise	-2645 Jul 27 j 04:32	28°♊56'36	
direct	-2645 Jul 29 j 17:33	28°♊26'15	
	-2645 Aug 03 j 04:03	0°♋	
asc. node	-2645 Aug 04 j 03:46	0°♋45'13	
morning max el	-2645 Aug 05 j 08:31	1°♋50'40	17°55'17
morning set	-2645 Aug 21 j 19:56	27°♋27'14	
	-2645 Aug 23 j 06:32	0°♌	
superior conj	-2645 Sep 02 j 13:17	17°♌44'38	1°13'07
minimum elong	-2645 Sep 02 j 18:48	18°♌07'43	1°12'33
max. Earth dist.	-2645 Sep 09 j 04:25	28°♌39'44	1.43434 AU
	-2645 Sep 10 j 00:19	0°♍	
desc. node	-2645 Sep 14 j 15:57	7°♍24'08	
evening rise	-2645 Sep 17 j 23:48	12°♍36'07	
	-2645 Sep 29 j 11:02	0°♎	
greatest brilliancy	-2645 Oct 12 j 07:20	18°♎05'11	-0.5m
evening max el	-2645 Oct 17 j 17:10	24°♎25'13	21°06'00
retrograde	-2645 Oct 26 j 05:00	29°♎27'17	
evening set	-2645 Oct 30 j 04:30	27°♎57'44	
asc. node	-2645 Oct 31 j 02:51	27°♎10'40	
inferior conj	-2645 Nov 04 j 14:42	21°♎44'03	1°30'05
minimum elong	-2645 Nov 04 j 12:45	21°♎50'45	1°29'17
min. Earth dist.	-2645 Nov 05 j 00:40	21°♎09'52	0.67216 AU
morning rise	-2645 Nov 09 j 20:38	15°♎27'33	
direct	-2645 Nov 15 j 01:17	13°♎14'26	
morning max el	-2645 Nov 25 j 18:25	19°♎37'42	23°48'59
	-2645 Dec 04 j 13:47	0°♏	
desc. node	-2645 Dec 11 j 15:26	9°♏41'54	
	-2645 Dec 24 j 23:22	0°♐	
morning set	-2645 Dec 31 j 03:54	10°♐15'55	
max. Earth dist.	-2644 Jan 04 j 04:36	17°♐15'52	1.38703 AU
	-2644 Jan 11 j 03:55	0°♑	
superior conj	-2644 Jan 11 j 12:32	0°♑40'37	-1°-52'-43
minimum elong	-2644 Jan 11 j 14:46	0°♑51'10	1°52'42
evening rise	-2644 Jan 20 j 13:43	18°♑11'22	
	-2644 Jan 26 j 19:15	0°♒	
asc. node	-2644 Jan 27 j 02:08	0°♒30'49	
evening max el	-2644 Feb 05 j 23:49	14°♒38'36	18°48'14
retrograde	-2644 Feb 14 j 03:13	18°♒34'36	
evening set	-2644 Feb 16 j 12:25	18°♒15'41	
inferior conj	-2644 Feb 24 j 07:39	13°♒54'24	3°11'51
minimum elong	-2644 Feb 24 j 12:01	13°♒46'22	3°10'54
min. Earth dist.	-2644 Feb 27 j 14:28	11°♒30'31	0.57657 AU
morning rise	-2644 Mar 03 j 07:45	8°♒44'11	
direct	-2644 Mar 08 j 21:38	7°♒28'32	
desc. node	-2644 Mar 08 j 14:36	7°♒28'45	
morning max el	-2644 Mar 23 j 04:32	14°♒55'29	26°01'31
	-2644 Apr 04 j 06:18	0°♓	
morning set	-2644 Apr 20 j 08:11	29°♓13'02	
	-2644 Apr 20 j 17:07	0°♈	
asc. node	-2644 Apr 24 j 01:34	7°♈10'54	
superior conj	-2644 Apr 27 j 09:16	14°♈25'58	0°34'17
minimum elong	-2644 Apr 27 j 07:49	14°♈17'59	0°34'00
max. Earth dist.	-2644 Apr 27 j 22:51	15°♈40'09	1.32664 AU
evening rise	-2644 May 04 j 11:38	29°♈39'21	
	-2644 May 04 j 15:37	0°♉	
	-2644 May 21 j 07:45	0°♊	
evening max el	-2644 Jun 04 j 06:48	17°♊28'14	26°59'22
desc. node	-2644 Jun 04 j 13:38	17°♊44'25	
retrograde	-2644 Jun 18 j 05:51	24°♊47'47	
evening set	-2644 Jun 25 j 03:24	22°♊39'55	
min. Earth dist.	-2644 Jun 28 j 20:23	19°♊57'29	0.61045 AU
inferior conj	-2644 Jul 02 j 02:23	17°♊08'53	-4°-22'-36
minimum elong	-2644 Jul 02 j 04:29	17°♊04'19	4°22'23
morning rise	-2644 Jul 09 j 08:33	12°♊18'38	
direct	-2644 Jul 11 j 20:09	11°♊53'42	
morning max el	-2644 Jul 18 j 21:44	15°♊22'48	18°03'28
asc. node	-2644 Jul 21 j 00:52	17°♊42'10	
	-2644 Jul 29 j 01:26	0°♋	
morning set	-2644 Aug 03 j 20:20	10°♋31'59	
superior conj	-2644 Aug 14 j 00:38	29°♋03'51	1°36'43
minimum elong	-2644 Aug 14 j 04:25	29°♋20'33	1°36'31
	-2644 Aug 14 j 13:22	0°♌	
max. Earth dist.	-2644 Aug 21 j 14:05	12°♌02'40	1.41831 AU
evening rise	-2644 Aug 27 j 13:43	21°♌49'00	
desc. node	-2644 Aug 31 j 12:57	28°♌04'43	
	-2644 Sep 01 j 18:40	0°♍	
	-2644 Sep 22 j 16:52	0°♎	
greatest brilliancy	-2644 Sep 24 j 17:25	2°♎31'28	-0.3m
evening max el	-2644 Sep 29 j 11:07	7°♎51'24	22°21'55
retrograde	-2644 Oct 09 j 00:24	13°♎32'13	
evening set	-2644 Oct 13 j 12:24	11°♎44'19	
asc. node	-2644 Oct 16 j 23:57	7°♎58'05	
inferior conj	-2644 Oct 18 j 21:14	5°♎24'35	0°38'46
minimum elong	-2644 Oct 18 j 20:20	5°♎27'40	0°38'23
min. Earth dist.	-2644 Oct 18 j 20:39	5°♎26'37	0.67477 AU
	-2644 Oct 23 j 05:42	30°℞♍	
morning rise	-2644 Oct 24 j 04:10	29°♍09'14	
direct	-2644 Oct 28 j 17:39	27°♍18'13	
	-2644 Nov 03 j 23:36	0°♎	
morning max el	-2644 Nov 07 j 05:58	2°♎57'11	22°22'26
greatest brilliancy	-2644 Nov 11 j 22:17	8°♎13'26	-0.3m
desc. node	-2644 Nov 27 j 12:27	29°♎45'25	
	-2644 Nov 27 j 16:23	0°♏	
morning set	-2644 Dec 10 j 13:10	19°♏59'40	
max. Earth dist.	-2644 Dec 16 j 02:03	29°♏09'09	1.40782 AU
	-2644 Dec 16 j 14:05	0°♐	
superior conj	-2644 Dec 23 j 20:29	12°♐39'44	-1°-57'-17
minimum elong	-2644 Dec 23 j 20:02	12°♐37'46	1°57'22

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2643 Jan 02 j 06:12	0°♉	
evening rise	-2643 Jan 03 j 00:23	1°♉25'20	
asc. node	-2643 Jan 12 j 23:11	19°♉10'19	
evening max el	-2643 Jan 19 j 05:56	27°♉22'51	18°18'07
	-2643 Jan 22 j 17:35	0°♒	
retrograde	-2643 Jan 26 j 10:11	0°♒57'12	
evening set	-2643 Jan 28 j 22:45	0°♒31'43	
	-2643 Jan 30 j 05:59	30°℞♉	
inferior conj	-2643 Feb 05 j 02:14	25°♉49'19	3°50'02
minimum elong	-2643 Feb 05 j 04:16	25°♉44'59	3°49'47
min. Earth dist.	-2643 Feb 08 j 11:07	22°♉57'19	0.59628 AU
morning rise	-2643 Feb 12 j 06:30	20°♉15'45	
direct	-2643 Feb 18 j 18:43	18°♉21'15	
desc. node	-2643 Feb 23 j 11:40	19°♉17'47	
morning max el	-2643 Mar 05 j 00:58	26°♉01'27	27°08'19
	-2643 Mar 08 j 18:43	0°♒	
	-2643 Mar 28 j 14:09	0°♓	
morning set	-2643 Apr 04 j 17:45	14°♓05'51	
asc. node	-2643 Apr 10 j 22:37	27°♓23'43	
superior conj	-2643 Apr 11 j 21:03	29°♓26'31	0°09'50
minimum elong	-2643 Apr 11 j 20:37	29°♓24'06	0°09'45
behind sun begin	-2643 Apr 11 j 16:39	29°♓02'24	
behind sun end	-2643 Apr 12 j 00:35	29°♓45'49	
max. Earth dist.	-2643 Apr 11 j 12:09	28°♓37'41	1.32489 AU
	-2643 Apr 12 j 03:10	0°♈	
evening rise	-2643 Apr 18 j 20:48	14°♈33'05	
	-2643 Apr 26 j 16:36	0°♉	
evening max el	-2643 May 17 j 05:41	29°♉06'08	26°02'46
	-2643 May 18 j 04:51	0°♊	
desc. node	-2643 May 22 j 10:41	3°♊19'33	
retrograde	-2643 May 31 j 07:39	6°♊22'00	
evening set	-2643 Jun 06 j 10:06	4°♊50'50	
min. Earth dist.	-2643 Jun 10 j 18:21	2°♊10'03	0.58990 AU
	-2643 Jun 13 j 15:45	30°℞♉	
inferior conj	-2643 Jun 14 j 02:51	29°♉38'57	-4°-26'-1
minimum elong	-2643 Jun 14 j 01:39	29°♉41'13	4°25'56
morning rise	-2643 Jun 21 j 20:59	25°♉11'11	
direct	-2643 Jun 24 j 08:27	24°♉50'25	
morning max el	-2643 Jul 02 j 06:08	28°♉35'55	18°31'23
	-2643 Jul 03 j 15:03	0°♊	
asc. node	-2643 Jul 07 j 21:57	5°♊36'27	
morning set	-2643 Jul 18 j 09:51	24°♊16'29	
	-2643 Jul 21 j 09:05	0°♋	
superior conj	-2643 Jul 27 j 11:07	11°♋33'10	1°47'22
minimum elong	-2643 Jul 27 j 12:21	11°♋38'57	1°47'25
max. Earth dist.	-2643 Aug 03 j 18:01	24°♋41'17	1.39923 AU
	-2643 Aug 06 j 20:13	0°♌	
evening rise	-2643 Aug 08 j 02:40	2°♌08'10	
desc. node	-2643 Aug 18 j 09:58	18°♌37'34	
	-2643 Aug 26 j 02:24	0°♍	
evening max el	-2643 Sep 12 j 00:27	21°♍19'25	23°42'22
retrograde	-2643 Sep 22 j 16:46	27°♍37'44	
evening set	-2643 Sep 27 j 18:54	25°♍30'44	
min. Earth dist.	-2643 Oct 02 j 17:05	19°♍45'35	0.67440 AU
inferior conj	-2643 Oct 03 j 03:52	19°♍08'46	0°-14'-45
minimum elong	-2643 Oct 03 j 04:13	19°♍07'34	0°14'37
transit middle	-2643 Oct 03 j 04:13	19°♍07'34	0°14'37
transit begin	-2643 Oct 03 j 03:01	19°♍11'42	
transit end	-2643 Oct 03 j 05:26	19°♍03'27	
asc. node	-2643 Oct 03 j 21:02	18°♍10'24	
morning rise	-2643 Oct 08 j 13:41	12°♍57'24	
direct	-2643 Oct 12 j 13:26	11°♍27'40	
morning max el	-2643 Oct 20 j 23:18	16°♍23'57	21°01'56
greatest brilliancy	-2643 Oct 26 j 14:14	22°♍58'29	-0.5m
	-2643 Oct 31 j 18:51	0°♎	
desc. node	-2643 Nov 14 j 09:28	20°♎05'56	
morning set	-2643 Nov 19 j 20:05	28°♎30'45	
	-2643 Nov 20 j 18:52	0°♏	
max. Earth dist.	-2643 Nov 28 j 05:45	11°♏54'55	1.42648 AU
superior conj	-2643 Dec 05 j 05:04	23°♏30'15	-1°-48'-33
minimum elong	-2643 Dec 05 j 00:36	23°♏11'19	1°48'22
	-2643 Dec 08 j 23:54	0°♐	
evening rise	-2643 Dec 16 j 21:07	13°♐56'46	
	-2643 Dec 26 j 01:19	0°♑	
asc. node	-2643 Dec 30 j 20:13	7°♑08'42	
evening max el	-2642 Jan 02 j 16:45	10°♑27'23	18°07'53
retrograde	-2642 Jan 09 j 08:32	13°♑54'14	
evening set	-2642 Jan 12 j 00:26	13°♑21'04	
inferior conj	-2642 Jan 18 j 15:07	8°♑17'03	3°58'47
minimum elong	-2642 Jan 18 j 14:37	8°♑18'15	3°58'42
min. Earth dist.	-2642 Jan 21 j 15:02	5°♑21'21	0.61658 AU
morning rise	-2642 Jan 25 j 02:26	2°♑27'56	
direct	-2642 Feb 01 j 02:07	0°♑00'22	
desc. node	-2642 Feb 10 j 08:44	3°♑39'27	
morning max el	-2642 Feb 15 j 03:27	7°♑46'37	27°41'20
	-2642 Mar 04 j 03:38	0°♒	
morning set	-2642 Mar 19 j 23:08	28°♒43'26	
	-2642 Mar 20 j 14:04	0°♓	
max. Earth dist.	-2642 Mar 25 j 23:28	11°♓25'27	1.32673 AU
superior conj	-2642 Mar 27 j 07:48	14°♓20'57	0°-15'-38
minimum elong	-2642 Mar 27 j 08:31	14°♓24'51	0°15'31
behind sun begin	-2642 Mar 27 j 07:31	14°♓19'24	
behind sun end	-2642 Mar 27 j 09:31	14°♓30'18	
asc. node	-2642 Mar 28 j 19:38	17°♓36'06	
evening rise	-2642 Apr 03 j 08:06	29°♓30'07	
	-2642 Apr 03 j 13:46	0°♈	
	-2642 Apr 20 j 10:34	0°♉	
evening max el	-2642 Apr 28 j 22:54	10°♉05'30	24°41'16
desc. node	-2642 May 09 j 07:46	16°♉39'46	
retrograde	-2642 May 12 j 22:32	17°♉09'57	
evening set	-2642 May 17 j 18:46	16°♉16'45	
min. Earth dist.	-2642 May 23 j 10:54	13°♉21'12	0.57095 AU
inferior conj	-2642 May 26 j 07:39	11°♉29'01	-3°-56'-39
minimum elong	-2642 May 26 j 02:38	11°♉37'17	3°55'46
morning rise	-2642 Jun 03 j 14:32	7°♉20'58	
direct	-2642 Jun 06 j 02:43	7°♉03'15	
morning max el	-2642 Jun 15 j 06:41	11°♉19'10	19°19'49
asc. node	-2642 Jun 24 j 19:01	24°♉14'02	
	-2642 Jun 27 j 23:38	0°♊	
morning set	-2642 Jul 02 j 08:38	8°♊30'19	
superior conj	-2642 Jul 10 j 14:50	24°♊55'12	1°47'40
minimum elong	-2642 Jul 10 j 14:01	24°♊51'10	1°47'43
	-2642 Jul 13 j 06:04	0°♋	
max. Earth dist.	-2642 Jul 16 j 20:05	6°♋42'34	1.37966 AU
evening rise	-2642 Jul 20 j 17:18	13°♋42'04	
	-2642 Jul 30 j 11:11	0°♌	
desc. node	-2642 Aug 05 j 06:59	8°♌57'26	
	-2642 Aug 20 j 23:31	0°♍	
evening max el	-2642 Aug 25 j 11:42	4°♍51'09	25°00'35
retrograde	-2642 Sep 06 j 05:01	11°♍39'47	
evening set	-2642 Sep 11 j 22:11	9°♍14'46	
min. Earth dist.	-2642 Sep 16 j 11:28	4°♍04'57	0.67093 AU
inferior conj	-2642 Sep 17 j 08:52	2°♍54'24	-1°-8'-58
minimum elong	-2642 Sep 17 j 10:31	2°♍48'56	1°08'16
	-2642 Sep 19 j 15:45	30°℞♌	
asc. node	-2642 Sep 20 j 18:07	28°♌46'05	
morning rise	-2642 Sep 22 j 23:16	26°♌50'14	
direct	-2642 Sep 26 j 11:19	25°♌39'15	
morning max el	-2642 Oct 03 j 23:56	29°♌59'36	19°52'53

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2642 Oct 04 j 00:06	0°♍	
greatest brilliancy	-2642 Oct 11 j 17:11	9°♍36'52	-0.6m
	-2642 Oct 25 j 09:20	0°♎	
morning set	-2642 Oct 29 j 17:39	6°♎42'18	
desc. node	-2642 Nov 01 j 06:28	10°♎38'18	
max. Earth dist.	-2642 Nov 10 j 17:00	25°♎29'08	1.44046 AU
	-2642 Nov 13 j 12:41	0°♏	
superior conj	-2642 Nov 15 j 10:26	3°♏04'35	-1°-22'-59
minimum elong	-2642 Nov 15 j 03:01	2°♏34'37	1°22'18
evening rise	-2642 Nov 28 j 23:30	25°♏37'06	
	-2642 Dec 01 j 13:09	0°♐	
evening max el	-2642 Dec 17 j 05:23	23°♐44'39	18°16'47
asc. node	-2642 Dec 17 j 17:15	24°♐13'51	
retrograde	-2642 Dec 23 j 17:58	27°♐16'14	
evening set	-2642 Dec 26 j 13:47	26°♐34'09	
inferior conj	-2641 Jan 01 j 18:26	21°♐09'43	3°46'26
minimum elong	-2641 Jan 01 j 16:15	21°♐15'45	3°46'05
min. Earth dist.	-2641 Jan 04 j 04:13	18°♐31'00	0.63492 AU
morning rise	-2641 Jan 07 j 17:07	15°♐09'54	
direct	-2641 Jan 14 j 17:25	12°♐23'19	
desc. node	-2641 Jan 28 j 05:46	19°♐57'30	
morning max el	-2641 Jan 28 j 10:40	20°♐09'34	27°37'57
	-2641 Feb 05 j 22:43	0°♑	
	-2641 Feb 25 j 02:44	0°♒	
morning set	-2641 Mar 03 j 21:59	12°♒57'44	
max. Earth dist.	-2641 Mar 09 j 05:08	23°♒51'03	1.33244 AU
superior conj	-2641 Mar 11 j 15:49	29°♒03'12	0°-41'-14
minimum elong	-2641 Mar 11 j 17:41	29°♒13'14	0°40'54
	-2641 Mar 12 j 02:24	0°♓	
asc. node	-2641 Mar 15 j 16:38	7°♓44'09	
evening rise	-2641 Mar 18 j 19:45	14°♓24'05	
	-2641 Mar 26 j 17:48	0°♈	
evening max el	-2641 Apr 10 j 14:40	20°♈46'20	23°07'26
retrograde	-2641 Apr 24 j 00:18	27°♈23'55	
desc. node	-2641 Apr 26 j 04:48	27°♈13'20	
evening set	-2641 Apr 27 j 12:11	26°♈57'13	
min. Earth dist.	-2641 May 05 j 00:52	23°♈35'04	0.55708 AU
inferior conj	-2641 May 06 j 16:58	22°♈36'32	-2°-45'-40
minimum elong	-2641 May 06 j 10:41	22°♈45'44	2°43'53
morning rise	-2641 May 15 j 12:12	18°♈40'02	
direct	-2641 May 18 j 02:46	18°♈23'38	
morning max el	-2641 May 28 j 21:01	23°♈23'44	20°28'41
	-2641 Jun 03 j 13:39	0°♉	
asc. node	-2641 Jun 11 j 16:03	13°♉24'28	
morning set	-2641 Jun 16 j 13:50	23°♉05'43	
	-2641 Jun 19 j 22:27	0°♊	
superior conj	-2641 Jun 24 j 06:56	8°♊56'00	1°40'05
minimum elong	-2641 Jun 24 j 04:50	8°♊45'23	1°39'59
max. Earth dist.	-2641 Jun 29 j 02:32	18°♊30'29	1.36184 AU
evening rise	-2641 Jul 03 j 05:47	26°♊21'02	
	-2641 Jul 05 j 05:41	0°♋	
desc. node	-2641 Jul 23 j 04:00	28°♋58'02	
	-2641 Jul 23 j 21:25	0°♌	
evening max el	-2641 Aug 07 j 22:53	18°♌24'42	26°08'42
retrograde	-2641 Aug 20 j 12:27	25°♌33'30	
evening set	-2641 Aug 26 j 20:17	22°♌54'07	
min. Earth dist.	-2641 Aug 31 j 01:18	18°♌22'09	0.66414 AU
inferior conj	-2641 Sep 01 j 10:22	16°♌38'59	-2°-2'-7
minimum elong	-2641 Sep 01 j 13:15	16°♌29'59	2°01'00
morning rise	-2641 Sep 07 j 07:01	10°♌45'22	
asc. node	-2641 Sep 07 j 15:12	10°♌33'54	
direct	-2641 Sep 10 j 09:35	9°♌49'56	
morning max el	-2641 Sep 17 j 07:29	13°♌43'18	18°58'24
	-2641 Sep 29 j 05:40	0°♍	

morning set	-2641 Oct 09 j 05:46	15°♍42'19	
	-2641 Oct 18 j 07:33	0°♎	
desc. node	-2641 Oct 19 j 03:27	1°♎18'16	
max. Earth dist.	-2641 Oct 24 j 09:50	9°♎35'36	1.44799 AU
superior conj	-2641 Oct 25 j 16:30	11°♎36'31	0°-41'-9
minimum elong	-2641 Oct 25 j 11:17	11°♎15'55	0°40'30
	-2641 Nov 06 j 05:37	0°♏	
evening rise	-2641 Nov 10 j 03:12	6°♏18'15	
	-2641 Nov 25 j 01:46	0°♐	
evening max el	-2641 Nov 30 j 17:05	7°♐08'00	18°43'48
asc. node	-2641 Dec 04 j 14:18	10°♐10'41	
retrograde	-2641 Dec 07 j 10:28	10°♐54'39	
evening set	-2641 Dec 10 j 11:27	10°♐02'11	
inferior conj	-2641 Dec 16 j 08:29	4°♐19'43	3°19'26
minimum elong	-2641 Dec 16 j 05:32	4°♐28'38	3°18'43
min. Earth dist.	-2641 Dec 18 j 03:11	2°♐10'53	0.64998 AU
	-2641 Dec 20 j 01:33	30°℞♏	
morning rise	-2641 Dec 21 j 22:32	28°♏11'59	
direct	-2641 Dec 28 j 15:19	25°♏21'36	
	-2640 Jan 07 j 13:37	0°♐	
morning max el	-2640 Jan 10 j 20:10	3°♐00'20	27°01'15
desc. node	-2640 Jan 15 j 02:48	7°♐38'21	
	-2640 Jan 31 j 06:00	0°♑	
morning set	-2640 Feb 15 j 11:05	26°♑37'37	
	-2640 Feb 17 j 04:39	0°♒	
max. Earth dist.	-2640 Feb 20 j 01:20	5°♒43'14	1.34236 AU
superior conj	-2640 Feb 23 j 19:00	13°♒25'39	-1°-5'-51
minimum elong	-2640 Feb 23 j 21:51	13°♒40'33	1°05'26
asc. node	-2640 Mar 01 j 13:39	27°♒42'46	
evening rise	-2640 Mar 02 j 05:54	29°♒07'36	
	-2640 Mar 02 j 16:00	0°♓	
	-2640 Mar 20 j 21:34	0°♈	
evening max el	-2640 Mar 22 j 11:13	1°♈35'30	21°35'35
retrograde	-2640 Apr 03 j 15:44	7°♈29'16	
evening set	-2640 Apr 06 j 05:19	7°♈14'23	
desc. node	-2640 Apr 12 j 01:51	5°♈05'59	
inferior conj	-2640 Apr 15 j 13:25	3°♈12'43	0°-58'-23
minimum elong	-2640 Apr 15 j 10:41	3°♈16'33	0°57'27
min. Earth dist.	-2640 Apr 15 j 14:17	3°♈11'30	0.55114 AU
	-2640 Apr 22 j 00:21	30°℞♓	
morning rise	-2640 Apr 24 j 16:35	29°♓12'28	
direct	-2640 Apr 27 j 15:04	28°♓53'31	
	-2640 May 02 j 23:50	0°♈	
morning max el	-2640 May 10 j 00:28	4°♈46'11	21°55'36
	-2640 May 27 j 00:53	0°♉	
asc. node	-2640 May 28 j 13:05	2°♉59'18	
morning set	-2640 May 30 j 23:12	7°♉56'09	
superior conj	-2640 Jun 07 j 07:38	23°♉24'31	1°26'36
minimum elong	-2640 Jun 07 j 05:02	23°♉10'55	1°26'21
max. Earth dist.	-2640 Jun 10 j 17:45	0°♊29'11	1.34719 AU
	-2640 Jun 10 j 12:02	0°♊	
evening rise	-2640 Jun 15 j 10:52	9°♊50'51	
	-2640 Jun 26 j 17:04	0°♋	
desc. node	-2640 Jul 09 j 01:01	18°♋31'00	
	-2640 Jul 18 j 13:30	0°♌	
evening max el	-2640 Jul 20 j 10:24	1°♌52'52	26°58'46
retrograde	-2640 Aug 02 j 14:47	9°♌12'26	
evening set	-2640 Aug 09 j 10:53	6°♌25'55	
min. Earth dist.	-2640 Aug 13 j 08:17	2°♌32'30	0.65368 AU
inferior conj	-2640 Aug 15 j 06:22	0°♌19'17	-2°-52'-8
minimum elong	-2640 Aug 15 j 10:10	0°♌08'16	2°50'52
	-2640 Aug 15 j 13:02	30°℞♋	
morning rise	-2640 Aug 21 j 10:44	24°♋39'32	
direct	-2640 Aug 24 j 06:09	23°♋56'18	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2640 Aug 24 j 12:16	23°♋56'40	
morning max el	-2640 Aug 30 j 20:04	27°♋31'47	18°20'11
	-2640 Sep 02 j 00:50	0°♌	
morning set	-2640 Sep 18 j 20:56	26°♌02'45	
	-2640 Sep 21 j 06:53	0°♍	
superior conj	-2640 Oct 03 j 17:01	19°♍58'34	0°08'26
minimum elong	-2640 Oct 03 j 18:06	20°♍02'50	0°08'18
behind sun begin	-2640 Oct 03 j 08:25	19°♍24'29	
behind sun end	-2640 Oct 04 j 03:47	20°♍41'09	
desc. node	-2640 Oct 05 j 00:28	22°♍02'54	
max. Earth dist.	-2640 Oct 06 j 04:29	23°♍53'31	1.44821 AU
	-2640 Oct 10 j 01:41	0°♎	
evening rise	-2640 Oct 20 j 06:38	15°♎58'56	
	-2640 Oct 29 j 06:27	0°♏	
greatest brilliancy	-2640 Nov 04 j 01:10	8°♏46'29	-0.7m
evening max el	-2640 Nov 13 j 01:32	20°♏34'14	19°27'39
retrograde	-2640 Nov 20 j 06:46	24°♏44'55	
asc. node	-2640 Nov 20 j 11:21	24°♏44'42	
evening set	-2640 Nov 23 j 14:44	23°♏40'01	
inferior conj	-2640 Nov 29 j 06:12	17°♏42'40	2°42'17
minimum elong	-2640 Nov 29 j 03:14	17°♏52'16	2°41'20
min. Earth dist.	-2640 Nov 30 j 11:00	16°♏09'36	0.66139 AU
morning rise	-2640 Dec 04 j 14:59	11°♏29'24	
direct	-2640 Dec 10 j 19:17	8°♏47'27	
morning max el	-2640 Dec 23 j 05:41	16°♏07'25	25°58'16
desc. node	-2640 Dec 31 j 23:52	26°♏18'09	
	-2639 Jan 03 j 18:43	0°♐	
	-2639 Jan 23 j 02:50	0°♑	
morning set	-2639 Jan 28 j 10:15	9°♑30'48	
max. Earth dist.	-2639 Feb 01 j 09:46	17°♑01'44	1.35675 AU
superior conj	-2639 Feb 06 j 14:57	27°♑21'02	-1°-28'-1
minimum elong	-2639 Feb 06 j 18:19	27°♑38'04	1°27'40
	-2639 Feb 07 j 22:14	0°♒	
evening rise	-2639 Feb 14 j 12:41	13°♒34'34	
asc. node	-2639 Feb 16 j 10:40	17°♒27'18	
	-2639 Feb 23 j 03:23	0°♓	
evening max el	-2639 Mar 04 j 17:28	12°♓54'42	20°16'14
retrograde	-2639 Mar 15 j 06:33	17°♓56'21	
evening set	-2639 Mar 17 j 12:17	17°♓43'42	
inferior conj	-2639 Mar 26 j 10:22	13°♓45'00	0°58'31
minimum elong	-2639 Mar 26 j 12:55	13°♓41'13	0°57'38
min. Earth dist.	-2639 Mar 28 j 04:25	12°♓42'38	0.55457 AU
desc. node	-2639 Mar 29 j 22:56	11°♓42'08	
morning rise	-2639 Apr 04 j 11:08	9°♓22'20	
direct	-2639 Apr 08 j 04:33	8°♓52'01	
morning max el	-2639 Apr 21 j 19:11	15°♓33'56	23°33'50
	-2639 May 03 j 03:45	0°♈	
morning set	-2639 May 15 j 10:48	22°♈55'07	
asc. node	-2639 May 15 j 10:07	22°♈51'34	
	-2639 May 18 j 18:45	0°♉	
superior conj	-2639 May 22 j 14:05	8°♉11'19	1°08'43
minimum elong	-2639 May 22 j 11:35	7°♉57'56	1°08'22
max. Earth dist.	-2639 May 24 j 18:30	12°♉50'37	1.33628 AU
evening rise	-2639 May 30 j 03:57	23°♉57'47	
	-2639 Jun 02 j 06:01	0°♊	
	-2639 Jun 20 j 07:32	0°♋	
desc. node	-2639 Jun 25 j 22:04	7°♋24'07	
evening max el	-2639 Jul 02 j 21:12	15°♋04'21	27°23'38
retrograde	-2639 Jul 16 j 11:39	22°♋27'15	
evening set	-2639 Jul 23 j 14:57	19°♋44'51	
min. Earth dist.	-2639 Jul 27 j 06:29	16°♋26'44	0.63945 AU
inferior conj	-2639 Jul 29 j 18:20	13°♋49'37	-3°-36'-14
minimum elong	-2639 Jul 29 j 22:26	13°♋38'50	3°35'12
morning rise	-2639 Aug 05 j 07:48	8°♋26'51	

direct	-2639 Aug 07 j 22:24	7°♋52'42	
asc. node	-2639 Aug 11 j 09:22	8°♋52'48	
morning max el	-2639 Aug 14 j 11:05	11°♋18'52	17°59'08
	-2639 Aug 27 j 03:44	0°♌	
morning set	-2639 Aug 31 j 14:31	7°♌38'31	
superior conj	-2639 Sep 13 j 09:49	29°♌11'13	0°53'02
minimum elong	-2639 Sep 13 j 15:01	29°♌32'26	0°52'26
	-2639 Sep 13 j 21:46	0°♍	
max. Earth dist.	-2639 Sep 18 j 21:15	8°♍01'49	1.44122 AU
desc. node	-2639 Sep 21 j 21:28	12°♍48'25	
evening rise	-2639 Sep 29 j 15:20	24°♍53'14	
	-2639 Oct 02 j 23:10	0°♎	
greatest brilliancy	-2639 Oct 20 j 21:08	26°♎21'24	-0.5m
	-2639 Oct 23 j 16:39	0°♏	
evening max el	-2639 Oct 27 j 04:54	4°♏00'54	20°26'31
retrograde	-2639 Nov 04 j 04:13	8°♏42'52	
asc. node	-2639 Nov 07 j 08:25	7°♏44'43	
evening set	-2639 Nov 07 j 21:19	7°♏23'11	
inferior conj	-2639 Nov 13 j 09:00	1°♏14'27	1°57'59
minimum elong	-2639 Nov 13 j 06:33	1°♏22'42	1°57'02
min. Earth dist.	-2639 Nov 14 j 01:30	0°♏18'42	0.66918 AU
	-2639 Nov 14 j 07:04	30°℞♎	
morning rise	-2639 Nov 18 j 15:16	24°♎58'10	
direct	-2639 Nov 24 j 04:45	22°♎33'01	
morning max el	-2639 Dec 05 j 14:19	29°♎20'41	24°38'26
	-2639 Dec 06 j 05:41	0°♏	
desc. node	-2639 Dec 18 j 20:56	15°♏39'33	
	-2639 Dec 28 j 15:06	0°♐	
morning set	-2638 Jan 10 j 13:59	21°♐21'58	
max. Earth dist.	-2638 Jan 14 j 08:05	28°♐05'25	1.37514 AU
	-2638 Jan 15 j 09:04	0°♑	
superior conj	-2638 Jan 21 j 00:29	10°♑40'57	-1°-45'-40
minimum elong	-2638 Jan 21 j 03:30	10°♑55'37	1°45'31
evening rise	-2638 Jan 29 j 13:54	27°♑38'56	
	-2638 Jan 30 j 18:22	0°♒	
asc. node	-2638 Feb 03 j 07:42	6°♒52'24	
evening max el	-2638 Feb 15 j 10:37	24°♒51'31	19°14'48
retrograde	-2638 Feb 24 j 08:35	29°♒07'03	
evening set	-2638 Feb 26 j 15:43	28°♒51'20	
inferior conj	-2638 Mar 06 j 21:03	24°♒41'15	2°33'31
minimum elong	-2638 Mar 07 j 01:52	24°♒33'08	2°32'13
min. Earth dist.	-2638 Mar 09 j 19:43	22°♒42'52	0.56665 AU
morning rise	-2638 Mar 15 j 08:05	19°♒47'35	
desc. node	-2638 Mar 16 j 20:01	19°♒19'01	
direct	-2638 Mar 20 j 05:46	18°♒51'51	
morning max el	-2638 Apr 03 j 10:08	26°♒07'43	25°11'30
	-2638 Apr 07 j 02:00	0°♓	
	-2638 Apr 26 j 01:38	0°♈	
morning set	-2638 Apr 29 j 22:59	7°♈56'54	
asc. node	-2638 May 02 j 07:10	12°♈55'49	
superior conj	-2638 May 07 j 00:05	23°♈09'03	0°47'35
minimum elong	-2638 May 06 j 22:09	22°♈58'30	0°47'15
max. Earth dist.	-2638 May 08 j 02:53	25°♈34'41	1.32911 AU
	-2638 May 10 j 04:07	0°♉	
evening rise	-2638 May 14 j 05:28	8°♉30'45	
	-2638 May 25 j 16:05	0°♊	
desc. node	-2638 Jun 12 j 19:06	25°♊20'41	
evening max el	-2638 Jun 15 j 05:18	27°♊47'44	27°17'48
	-2638 Jun 17 j 16:34	0°♋	
retrograde	-2638 Jun 29 j 02:11	5°♋09'09	
evening set	-2638 Jul 06 j 04:42	2°♋44'53	
	-2638 Jul 09 j 15:51	30°℞♊	
min. Earth dist.	-2638 Jul 09 j 18:54	29°♊53'10	0.62179 AU
inferior conj	-2638 Jul 12 j 19:20	27°♊03'57	-4°-10'-9

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2638 Jul	12 j 22:37	26°♊56'16	4°09'38
morning rise	-2638 Jul	19 j 19:05	22°♊00'55	
direct	-2638 Jul	22 j 07:08	21°♊33'13	
morning max el	-2638 Jul	29 j 01:46	24°♊58'43	17°56'18
asc. node	-2638 Jul	29 j 06:28	25°♊10'20	
	-2638 Aug	02 j 05:29	0°♋	
morning set	-2638 Aug	14 j 05:20	20°♋15'23	
	-2638 Aug	19 j 15:46	0°♌	
superior conj	-2638 Aug	25 j 05:39	9°♌44'10	1°24'50
minimum elong	-2638 Aug	25 j 10:40	10°♌05'39	1°24'25
max. Earth dist.	-2638 Sep	01 j 09:45	21°♌44'36	1.42810 AU
	-2638 Sep	06 j 12:46	0°♍	
evening rise	-2638 Sep	08 j 21:48	3°♍44'49	
desc. node	-2638 Sep	08 j 18:29	3°♍31'49	
	-2638 Sep	26 j 10:08	0°♎	
greatest brilliancy	-2638 Oct	05 j 03:28	11°♎46'47	-0.4m
evening max el	-2638 Oct	10 j 02:20	17°♎27'29	21°37'26
retrograde	-2638 Oct	19 j 00:46	22°♎45'52	
evening set	-2638 Oct	23 j 05:15	21°♎08'57	
asc. node	-2638 Oct	25 j 05:32	19°♎13'42	
inferior conj	-2638 Oct	28 j 14:43	14°♎52'23	1°08'43
minimum elong	-2638 Oct	28 j 13:11	14°♎57'41	1°08'03
min. Earth dist.	-2638 Oct	28 j 20:12	14°♎33'28	0.67367 AU
morning rise	-2638 Nov	02 j 20:49	8°♎35'53	
direct	-2638 Nov	07 j 18:58	6°♎31'49	
morning max el	-2638 Nov	17 j 23:41	12°♎36'38	23°11'43
greatest brilliancy	-2638 Nov	23 j 02:18	18°♎21'27	-0.3m
	-2638 Dec	01 j 21:38	0°♏	
desc. node	-2638 Dec	05 j 17:58	5°♏30'19	
	-2638 Dec	21 j 12:24	0°♐	
morning set	-2638 Dec	22 j 15:55	1°♐54'15	
max. Earth dist.	-2638 Dec	27 j 03:21	9°♐30'40	1.39592 AU
superior conj	-2637 Jan	03 j 19:18	23°♐13'36	-1°-56'-2
minimum elong	-2637 Jan	03 j 20:36	23°♐19'40	1°56'05
	-2637 Jan	07 j 10:10	0°♑	
evening rise	-2637 Jan	13 j 06:48	11°♑13'15	
asc. node	-2637 Jan	21 j 04:45	25°♑50'48	
	-2637 Jan	23 j 18:03	0°♒	
evening max el	-2637 Jan	29 j 12:50	7°♒20'48	18°33'03
retrograde	-2637 Feb	06 j 04:46	11°♒05'15	
evening set	-2637 Feb	08 j 15:34	10°♒43'37	
inferior conj	-2637 Feb	16 j 03:47	6°♒13'50	3°32'12
minimum elong	-2637 Feb	16 j 07:18	6°♒06'56	3°31'35
min. Earth dist.	-2637 Feb	19 j 13:23	3°♒35'00	0.58469 AU
morning rise	-2637 Feb	23 j 19:20	0°♒52'56	
	-2637 Feb	25 j 21:54	30°℞♑	
direct	-2637 Mar	01 j 20:11	29°♑20'31	
desc. node	-2637 Mar	03 j 17:06	29°♑29'20	
	-2637 Mar	05 j 20:02	0°♒	
morning max el	-2637 Mar	16 j 03:04	6°♒54'01	26°33'35
	-2637 Apr	02 j 07:46	0°♓	
morning set	-2637 Apr	14 j 09:58	22°♓54'13	
	-2637 Apr	17 j 17:54	0°♈	
asc. node	-2637 Apr	19 j 04:12	3°♈06'16	
superior conj	-2637 Apr	21 j 11:40	8°♈09'47	0°24'06
minimum elong	-2637 Apr	21 j 10:37	8°♈04'01	0°23'54
max. Earth dist.	-2637 Apr	21 j 15:28	8°♈30'36	1.32547 AU
evening rise	-2637 Apr	28 j 12:29	23°♈18'55	
	-2637 May	01 j 19:12	0°♉	
	-2637 May	19 j 18:56	0°♊	
evening max el	-2637 May	28 j 08:09	9°♊51'03	26°39'02
desc. node	-2637 May	30 j 16:08	11°♊56'05	
retrograde	-2637 Jun	11 j 08:50	17°♊08'49	
evening set	-2637 Jun	17 j 23:44	15°♊16'02	
min. Earth dist.	-2637 Jun	21 j 21:34	12°♊36'15	0.60175 AU
inferior conj	-2637 Jun	25 j 05:47	9°♊52'41	-4°-27'-22
minimum elong	-2637 Jun	25 j 06:40	9°♊50'52	4°27'18
morning rise	-2637 Jul	02 j 16:53	5°♊11'38	
direct	-2637 Jul	05 j 04:20	4°♊48'33	
morning max el	-2637 Jul	12 j 13:12	8°♊23'16	18°12'47
asc. node	-2637 Jul	16 j 03:32	12°♊33'06	
	-2637 Jul	26 j 13:16	0°♋	
morning set	-2637 Jul	28 j 11:53	3°♋38'39	
superior conj	-2637 Aug	07 j 03:32	21°♋34'54	1°42'40
minimum elong	-2637 Aug	07 j 06:14	21°♋47'05	1°42'36
	-2637 Aug	11 j 21:31	0°♌	
max. Earth dist.	-2637 Aug	14 j 17:04	4°♌50'06	1.41052 AU
evening rise	-2637 Aug	19 j 20:35	13°♌23'29	
desc. node	-2637 Aug	26 j 15:28	24°♌09'41	
	-2637 Aug	30 j 11:18	0°♍	
greatest brilliancy	-2637 Sep	17 j 16:13	25°♍13'18	-0.3m
	-2637 Sep	21 j 20:53	0°♎	
evening max el	-2637 Sep	22 j 18:15	0°♎55'00	22°55'59
retrograde	-2637 Oct	02 j 18:51	6°♎51'32	
evening set	-2637 Oct	07 j 12:45	4°♎55'36	
	-2637 Oct	11 j 20:38	30°℞♍	
asc. node	-2637 Oct	12 j 02:37	29°♍39'36	
inferior conj	-2637 Oct	12 j 21:30	28°♍34'43	0°16'15
minimum elong	-2637 Oct	12 j 21:07	28°♍36'02	0°16'05
transit middle	-2637 Oct	12 j 21:07	28°♍36'02	0°16'05
transit begin	-2637 Oct	12 j 20:37	28°♍37'44	
transit end	-2637 Oct	12 j 21:36	28°♍34'21	
min. Earth dist.	-2637 Oct	12 j 16:37	28°♍51'33	0.67505 AU
morning rise	-2637 Oct	18 j 05:26	22°♍20'49	
direct	-2637 Oct	22 j 12:59	20°♍38'55	
morning max el	-2637 Oct	31 j 13:16	25°♍58'31	21°47'02
	-2637 Nov	04 j 04:09	0°♎	
greatest brilliancy	-2637 Nov	05 j 11:15	1°♎34'50	-0.4m
desc. node	-2637 Nov	22 j 14:59	25°♎41'58	
	-2637 Nov	25 j 10:57	0°♏	
morning set	-2637 Dec	02 j 12:55	11°♏03'10	
max. Earth dist.	-2637 Dec	09 j 03:29	21°♏47'36	1.41624 AU
	-2637 Dec	14 j 00:09	0°♐	
superior conj	-2637 Dec	16 j 18:02	4°♐45'31	-1°-55'-27
minimum elong	-2637 Dec	16 j 15:58	4°♐36'31	1°55'29
evening rise	-2637 Dec	27 j 12:02	24°♐10'12	
	-2637 Dec	30 j 16:17	0°♑	
asc. node	-2636 Jan	08 j 01:47	14°♑14'05	
evening max el	-2636 Jan	12 j 21:19	20°♑14'39	18°11'20
retrograde	-2636 Jan	19 j 18:51	23°♑44'03	
evening set	-2636 Jan	22 j 08:56	23°♑15'16	
inferior conj	-2636 Jan	29 j 06:34	18°♑23'18	3°56'49
minimum elong	-2636 Jan	29 j 07:28	18°♑21'16	3°56'42
min. Earth dist.	-2636 Feb	01 j 12:29	15°♑27'09	0.60506 AU
morning rise	-2636 Feb	05 j 03:10	12°♑42'36	
direct	-2636 Feb	11 j 21:42	10°♑32'57	
desc. node	-2636 Feb	18 j 14:11	12°♑27'08	
morning max el	-2636 Feb	26 j 02:00	18°♑15'24	27°26'51
	-2636 Mar	06 j 23:05	0°♒	
	-2636 Mar	24 j 22:23	0°♓	
morning set	-2636 Mar	28 j 17:59	7°♓40'50	
max. Earth dist.	-2636 Apr	04 j 04:32	21°♓25'56	1.32529 AU
superior conj	-2636 Apr	04 j 23:10	23°♓07'42	0°00'-53
minimum elong	-2636 Apr	04 j 23:13	23°♓07'57	0°00'54
behind sun begin	-2636 Apr	04 j 18:11	22°♓40'29	
behind sun end	-2636 Apr	05 j 04:14	23°♓35'25	
asc. node	-2636 Apr	05 j 01:13	23°♓18'54	
	-2636 Apr	08 j 02:37	0°♈	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening rise	-2636 Apr 11 j 22:47	8°♈14'30	
	-2636 Apr 23 j 08:14	0°♉	
evening max el	-2636 May 09 j 04:23	21°♉10'30	25°30'26
desc. node	-2636 May 16 j 13:12	26°♉38'06	
retrograde	-2636 May 23 j 05:50	28°♉22'09	
evening set	-2636 May 28 j 20:42	27°♉07'42	
min. Earth dist.	-2636 Jun 02 j 16:29	24°♉22'36	0.58149 AU
inferior conj	-2636 Jun 05 j 22:03	22°♉05'52	-4°-18'-15
minimum elong	-2636 Jun 05 j 19:09	22°♉11'02	4°17'56
morning rise	-2636 Jun 13 j 21:31	17°♉47'04	
direct	-2636 Jun 16 j 09:27	17°♉27'34	
morning max el	-2636 Jun 24 j 18:29	21°♉23'52	18°49'31
	-2636 Jul 01 j 12:49	0°♊	
asc. node	-2636 Jul 02 j 00:35	0°♊46'36	
morning set	-2636 Jul 11 j 05:43	17°♊36'27	
	-2636 Jul 17 j 13:59	0°♋	
superior conj	-2636 Jul 19 j 21:59	4°♋28'13	1°48'37
minimum elong	-2636 Jul 19 j 22:15	4°♋29'31	1°48'41
max. Earth dist.	-2636 Jul 26 j 20:03	17°♋12'43	1.39082 AU
evening rise	-2636 Jul 30 j 20:35	24°♋14'07	
	-2636 Aug 03 j 06:47	0°♌	
desc. node	-2636 Aug 12 j 12:28	14°♌37'34	
	-2636 Aug 23 j 05:49	0°♍	
evening max el	-2636 Sep 04 j 06:21	14°♍24'23	24°16'19
retrograde	-2636 Sep 15 j 09:28	20°♍56'19	
evening set	-2636 Sep 20 j 18:05	18°♍41'08	
min. Earth dist.	-2636 Sep 25 j 12:19	13°♍11'00	0.67336 AU
inferior conj	-2636 Sep 26 j 03:36	12°♍19'29	0°-37'-48
minimum elong	-2636 Sep 26 j 04:31	12°♍16'26	0°37'24
asc. node	-2636 Sep 27 j 23:42	9°♍54'27	
morning rise	-2636 Oct 01 j 15:12	6°♍11'06	
direct	-2636 Oct 05 j 09:43	4°♍49'47	
morning max el	-2636 Oct 13 j 09:45	9°♍29'23	20°30'59
greatest brilliancy	-2636 Oct 19 j 18:06	17°♍05'25	-0.5m
	-2636 Oct 28 j 20:09	0°♎	
desc. node	-2636 Nov 08 j 11:57	16°♎08'01	
morning set	-2636 Nov 10 j 12:59	19°♎17'32	
	-2636 Nov 17 j 08:42	0°♏	
max. Earth dist.	-2636 Nov 20 j 11:04	4°♏57'37	1.43317 AU
superior conj	-2636 Nov 26 j 15:09	15°♏03'12	-1°-39'-52
minimum elong	-2636 Nov 26 j 09:03	14°♏37'53	1°39'28
	-2636 Dec 05 j 10:13	0°♐	
evening rise	-2636 Dec 09 j 01:31	6°♐20'57	
	-2636 Dec 23 j 11:06	0°♑	
asc. node	-2636 Dec 24 j 22:50	1°♑51'10	
evening max el	-2636 Dec 26 j 09:09	3°♑24'39	18°09'18
retrograde	-2635 Jan 01 j 22:37	6°♑52'28	
evening set	-2635 Jan 04 j 16:00	6°♑15'41	
inferior conj	-2635 Jan 11 j 02:04	1°♑02'27	3°55'40
minimum elong	-2635 Jan 11 j 00:45	1°♑05'53	3°55'30
	-2635 Jan 12 j 02:02	30°℞♐	
min. Earth dist.	-2635 Jan 13 j 20:10	28°♐12'00	0.62471 AU
morning rise	-2635 Jan 17 j 07:28	25°♐08'05	
direct	-2635 Jan 24 j 08:23	22°♐30'50	
desc. node	-2635 Feb 04 j 11:13	27°♐42'26	
	-2635 Feb 06 j 23:42	0°♑	
morning max el	-2635 Feb 07 j 07:02	0°♑17'57	27°44'21
	-2635 Feb 28 j 23:04	0°♒	
morning set	-2635 Mar 12 j 20:55	22°♒09'31	
	-2635 Mar 16 j 15:49	0°♓	
max. Earth dist.	-2635 Mar 18 j 14:05	4°♓06'15	1.32866 AU
superior conj	-2635 Mar 20 j 08:57	7°♓57'18	0°-26'-32
minimum elong	-2635 Mar 20 j 10:10	8°♓03'53	0°26'20
asc. node	-2635 Mar 22 j 22:13	13°♓29'40	

evening rise	-2635 Mar 27 j 10:26	23°♓10'41	
	-2635 Mar 30 j 17:51	0°♈	
	-2635 Apr 18 j 21:37	0°♉	
evening max el	-2635 Apr 20 j 20:02	1°♉57'56	24°01'56
desc. node	-2635 May 03 j 10:14	8°♉50'31	
retrograde	-2635 May 04 j 15:25	8°♉53'54	
evening set	-2635 May 08 j 21:34	8°♉13'35	
min. Earth dist.	-2635 May 15 j 07:24	5°♉08'09	0.56418 AU
inferior conj	-2635 May 17 j 18:13	3°♉37'14	-3°-31'-47
minimum elong	-2635 May 17 j 12:08	3°♉46'42	3°30'26
	-2635 May 24 j 19:27	30°℞♈	
morning rise	-2635 May 26 j 06:36	29°♈35'59	
direct	-2635 May 28 j 19:24	29°♈19'12	
	-2635 Jun 01 j 15:18	0°♉	
morning max el	-2635 Jun 07 j 15:00	3°♉51'59	19°46'50
asc. node	-2635 Jun 18 j 21:37	19°♉39'16	
	-2635 Jun 24 j 07:29	0°♊	
morning set	-2635 Jun 25 j 07:32	2°♊00'29	
superior conj	-2635 Jul 03 j 07:32	18°♊08'52	1°45'18
minimum elong	-2635 Jul 03 j 06:05	18°♊01'37	1°45'18
max. Earth dist.	-2635 Jul 08 j 23:04	29°♊04'34	1.37166 AU
	-2635 Jul 09 j 10:53	0°♋	
evening rise	-2635 Jul 12 j 21:08	6°♋17'27	
	-2635 Jul 27 j 03:52	0°♌	
desc. node	-2635 Jul 30 j 09:29	4°♌50'26	
evening max el	-2635 Aug 17 j 17:12	27°♌56'56	25°31'11
	-2635 Aug 19 j 22:14	0°♍	
retrograde	-2635 Aug 29 j 19:53	4°♍56'10	
evening set	-2635 Sep 04 j 19:28	2°♍24'06	
	-2635 Sep 07 j 04:17	30°℞♌	
min. Earth dist.	-2635 Sep 09 j 05:03	27°♌30'17	0.66846 AU
inferior conj	-2635 Sep 10 j 07:21	26°♌05'18	-1°-31'-46
minimum elong	-2635 Sep 10 j 09:33	25°♌58'13	1°30'51
asc. node	-2635 Sep 14 j 20:45	20°♌56'30	
morning rise	-2635 Sep 16 j 00:15	20°♌05'23	
direct	-2635 Sep 19 j 07:53	19°♌01'39	
morning max el	-2635 Sep 26 j 13:36	23°♌09'36	19°27'50
	-2635 Oct 02 j 04:49	0°♍	
greatest brilliancy	-2635 Oct 05 j 19:33	5°♍07'01	-0.7m
morning set	-2635 Oct 20 j 14:13	27°♍43'08	
	-2635 Oct 22 j 01:22	0°♎	
desc. node	-2635 Oct 26 j 08:57	6°♎44'16	
max. Earth dist.	-2635 Nov 03 j 00:46	18°♎46'53	1.44453 AU
superior conj	-2635 Nov 06 j 09:22	24°♎07'11	-1°-6'-55
minimum elong	-2635 Nov 06 j 02:07	23°♎38'17	1°06'08
	-2635 Nov 10 j 01:17	0°♏	
evening rise	-2635 Nov 20 j 18:45	17°♏37'11	
	-2635 Nov 28 j 05:12	0°♐	
evening max el	-2635 Dec 09 j 21:38	16°♐44'46	18°26'04
asc. node	-2635 Dec 11 j 19:52	18°♐29'05	
retrograde	-2635 Dec 16 j 11:32	20°♐21'54	
evening set	-2635 Dec 19 j 09:14	19°♐35'48	
inferior conj	-2635 Dec 25 j 10:24	14°♐03'26	3°36'26
minimum elong	-2635 Dec 25 j 07:47	14°♐10'58	3°35'56
min. Earth dist.	-2635 Dec 27 j 13:47	11°♐35'58	0.64177 AU
morning rise	-2635 Dec 31 j 04:56	7°♐59'38	
direct	-2634 Jan 07 j 02:45	5°♐09'29	
morning max el	-2634 Jan 20 j 15:40	12°♐54'38	27°25'59
desc. node	-2634 Jan 22 j 08:16	14°♐39'10	
	-2634 Feb 03 j 10:38	0°♑	
	-2634 Feb 21 j 11:08	0°♒	
morning set	-2634 Feb 24 j 16:03	6°♒10'40	
max. Earth dist.	-2634 Mar 01 j 16:00	16°♒17'50	1.33605 AU
superior conj	-2634 Mar 04 j 15:10	22°♒31'51	0°-51'-53

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2634 Mar 04 j 17:29	22°♒44'11	0°51'31
	-2634 Mar 08 j 03:07	0°♓	
asc. node	-2634 Mar 09 j 19:13	3°♓34'07	
evening rise	-2634 Mar 11 j 21:39	8°♓00'39	
	-2634 Mar 23 j 15:18	0°♈	
evening max el	-2634 Apr 02 j 13:00	12°♈38'49	22°27'28
retrograde	-2634 Apr 15 j 12:33	19°♈00'11	
evening set	-2634 Apr 18 j 12:50	18°♈40'16	
desc. node	-2634 Apr 20 j 07:18	18°♈11'08	
min. Earth dist.	-2634 Apr 26 j 21:18	15°♈02'38	0.55334 AU
inferior conj	-2634 Apr 27 j 20:49	14°♈29'09	-2°-3'-28
minimum elong	-2634 Apr 27 j 15:31	14°♈36'43	2°01'48
morning rise	-2634 May 06 j 20:17	10°♈33'08	
direct	-2634 May 09 j 12:53	10°♈16'30	
morning max el	-2634 May 21 j 00:47	15°♈39'09	21°03'47
	-2634 May 31 j 20:15	0°♉	
asc. node	-2634 Jun 05 j 18:39	9°♉00'49	
morning set	-2634 Jun 09 j 14:45	16°♉42'46	
	-2634 Jun 16 j 00:05	0°♊	
superior conj	-2634 Jun 17 j 03:42	2°♊22'43	1°35'00
minimum elong	-2634 Jun 17 j 01:19	2°♊10'25	1°34'50
max. Earth dist.	-2634 Jun 21 j 08:29	10°♊52'42	1.35511 AU
evening rise	-2634 Jun 25 j 17:18	19°♊19'57	
	-2634 Jul 01 j 14:14	0°♋	
desc. node	-2634 Jul 17 j 06:31	24°♋40'26	
	-2634 Jul 21 j 05:04	0°♌	
evening max el	-2634 Jul 31 j 04:31	11°♌29'05	26°32'41
retrograde	-2634 Aug 13 j 01:25	18°♌44'15	
evening set	-2634 Aug 19 j 14:43	16°♌00'49	
min. Earth dist.	-2634 Aug 23 j 16:22	11°♌45'07	0.66009 AU
inferior conj	-2634 Aug 25 j 06:48	9°♌48'37	-2°-23'-52
minimum elong	-2634 Aug 25 j 10:08	9°♌38'31	2°22'39
morning rise	-2634 Aug 31 j 06:33	4°♌00'19	
asc. node	-2634 Sep 01 j 17:50	3°♌23'14	
direct	-2634 Sep 03 j 05:42	3°♌10'35	
morning max el	-2634 Sep 09 j 23:33	6°♌55'43	18°40'03
	-2634 Sep 26 j 00:26	0°♍	
morning set	-2634 Sep 30 j 13:14	7°♍15'55	
desc. node	-2634 Oct 13 j 05:59	27°♍26'49	
	-2634 Oct 14 j 20:52	0°♎	
superior conj	-2634 Oct 16 j 10:23	2°♎27'44	0°-20'-19
minimum elong	-2634 Oct 16 j 07:41	2°♎17'08	0°19'59
max. Earth dist.	-2634 Oct 16 j 18:16	2°♎58'48	1.44897 AU
evening rise	-2634 Nov 01 j 12:03	27°♎52'14	
	-2634 Nov 02 j 20:06	0°♏	
	-2634 Nov 23 j 04:13	0°♐	
evening max el	-2634 Nov 23 j 08:18	0°♐10'36	19°00'32
asc. node	-2634 Nov 28 j 16:55	3°♐53'03	
retrograde	-2634 Nov 30 j 05:56	4°♐06'20	
evening set	-2634 Dec 03 j 09:37	3°♐08'58	
	-2634 Dec 06 j 22:47	30°℞♏	
inferior conj	-2634 Dec 09 j 04:06	27°♏20'05	3°04'44
minimum elong	-2634 Dec 09 j 01:04	27°♏29'34	3°03'53
min. Earth dist.	-2634 Dec 10 j 16:49	25°♏25'45	0.65532 AU
morning rise	-2634 Dec 14 j 15:32	21°♏09'45	
direct	-2634 Dec 21 j 03:35	18°♏21'17	
morning max el	-2633 Jan 03 j 01:16	25°♏53'51	26°37'03
	-2633 Jan 06 j 20:39	0°♐	
desc. node	-2633 Jan 09 j 05:20	2°♐48'09	
	-2633 Jan 27 j 23:09	0°♑	
morning set	-2633 Feb 07 j 23:53	19°♑33'11	
max. Earth dist.	-2633 Feb 12 j 07:05	27°♑54'11	1.34791 AU
	-2633 Feb 13 j 08:16	0°♒	
superior conj	-2633 Feb 16 j 15:42	6°♒44'43	-1°-15'-40
minimum elong	-2633 Feb 16 j 18:50	7°♒00'57	1°15'15
evening rise	-2633 Feb 24 j 06:40	22°♒38'27	
asc. node	-2633 Feb 24 j 16:15	23°♒27'52	
	-2633 Feb 27 j 22:01	0°♓	
evening max el	-2633 Mar 15 j 13:33	23°♓40'15	20°59'56
retrograde	-2633 Mar 27 j 01:53	29°♓11'20	
evening set	-2633 Mar 29 j 10:29	28°♓58'19	
desc. node	-2633 Apr 07 j 04:21	25°♓16'40	
inferior conj	-2633 Apr 07 j 15:45	25°♓00'30	0°-7'-59
minimum elong	-2633 Apr 07 j 15:22	25°♓01'02	0°07'52
transit middle	-2633 Apr 07 j 15:22	25°♓01'02	0°07'52
transit begin	-2633 Apr 07 j 11:49	25°♓06'04	
transit end	-2633 Apr 07 j 18:55	24°♓55'59	
min. Earth dist.	-2633 Apr 08 j 11:11	24°♓32'53	0.55146 AU
morning rise	-2633 Apr 16 j 19:20	20°♓52'24	
direct	-2633 Apr 20 j 00:38	20°♓29'51	
morning max el	-2633 May 03 j 00:00	26°♓45'07	22°36'28
	-2633 May 06 j 02:51	0°♈	
asc. node	-2633 May 23 j 15:43	28°♈43'54	
	-2633 May 24 j 06:30	0°♉	
morning set	-2633 May 25 j 01:17	1°♉37'27	
superior conj	-2633 Jun 01 j 07:10	16°♉59'49	1°19'29
minimum elong	-2633 Jun 01 j 04:33	16°♉45'57	1°19'10
max. Earth dist.	-2633 Jun 04 j 03:56	23°♉00'36	1.34214 AU
	-2633 Jun 07 j 14:13	0°♊	
evening rise	-2633 Jun 09 j 04:03	3°♊07'18	
	-2633 Jun 24 j 10:18	0°♋	
desc. node	-2633 Jul 04 j 03:32	13°♋57'53	
evening max el	-2633 Jul 13 j 16:10	24°♋52'14	27°12'54
	-2633 Jul 20 j 03:25	0°♌	
retrograde	-2633 Jul 27 j 01:25	2°♌13'25	
	-2633 Aug 02 j 08:01	30°℞♋	
evening set	-2633 Aug 03 j 01:14	29°♋27'29	
min. Earth dist.	-2633 Aug 06 j 19:58	25°♋49'25	0.64807 AU
inferior conj	-2633 Aug 08 j 23:44	23°♋25'21	-3°-11'-47
minimum elong	-2633 Aug 09 j 03:46	23°♋14'06	3°10'35
morning rise	-2633 Aug 15 j 07:47	17°♋52'06	
direct	-2633 Aug 18 j 00:54	17°♋13'00	
asc. node	-2633 Aug 19 j 14:56	17°♋26'21	
morning max el	-2633 Aug 24 j 13:24	20°♋43'33	18°09'01
	-2633 Aug 31 j 14:27	0°♌	
morning set	-2633 Sep 11 j 16:09	18°♌09'57	
	-2633 Sep 18 j 19:25	0°♍	
superior conj	-2633 Sep 25 j 15:28	11°♍04'25	0°28'36
minimum elong	-2633 Sep 25 j 18:51	11°♍17'56	0°28'10
max. Earth dist.	-2633 Sep 29 j 12:37	17°♍15'10	1.44609 AU
desc. node	-2633 Sep 30 j 03:00	18°♍12'03	
	-2633 Oct 07 j 15:32	0°♎	
evening rise	-2633 Oct 12 j 06:07	7°♎09'34	
	-2633 Oct 27 j 05:22	0°♏	
greatest brilliancy	-2633 Oct 30 j 00:28	4°♏02'32	-0.6m
evening max el	-2633 Nov 06 j 14:53	13°♏37'48	19°51'05
retrograde	-2633 Nov 14 j 02:55	18°♏00'30	
asc. node	-2633 Nov 15 j 14:00	17°♏48'10	
evening set	-2633 Nov 17 j 14:35	16°♏49'31	
inferior conj	-2633 Nov 23 j 04:15	10°♏47'04	2°24'14
minimum elong	-2633 Nov 23 j 01:27	10°♏56'19	2°23'15
min. Earth dist.	-2633 Nov 24 j 03:37	9°♏29'57	0.66516 AU
morning rise	-2633 Nov 28 j 11:40	4°♏32'31	
direct	-2633 Dec 04 j 09:58	1°♏56'54	
morning max el	-2633 Dec 16 j 10:10	9°♏03'56	25°25'49
desc. node	-2633 Dec 27 j 02:24	21°♏47'31	
	-2632 Jan 01 j 23:21	0°♐	
	-2632 Jan 20 j 12:23	0°♑	
morning set	-2632 Jan 21 j 15:30	2°♑01'57	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2632 Jan 25 j 10:44	9°♑03'17	1.36422 AU	
superior conj	-2632 Jan 31 j 07:41	20°♑26'38	-1°-36'-12	
minimum elong	-2632 Jan 31 j 11:02	20°♑43'20	1°35'54	
	-2632 Feb 05 j 01:21	0°♒		
evening rise	-2632 Feb 08 j 11:23	6°♒56'55		
asc. node	-2632 Feb 11 j 13:17	13°♒05'06		
	-2632 Feb 21 j 11:50	0°♓		
evening max el	-2632 Feb 26 j 00:30	5°♓15'24	19°47'40	
retrograde	-2632 Mar 06 j 19:53	9°♓55'40		
evening set	-2632 Mar 09 j 01:50	9°♓42'02		
inferior conj	-2632 Mar 17 j 17:09	5°♓39'44	1°42'50	
minimum elong	-2632 Mar 17 j 21:10	5°♓33'29	1°41'33	
min. Earth dist.	-2632 Mar 20 j 01:22	4°♓12'36	0.55887 AU	
desc. node	-2632 Mar 24 j 01:26	2°♓02'03		
morning rise	-2632 Mar 26 j 13:19	1°♓04'34		
direct	-2632 Mar 30 j 18:21	0°♓25'13		
morning max el	-2632 Apr 13 j 16:11	7°♓22'51	24°16'17	
	-2632 Apr 30 j 01:01	0°♈		
morning set	-2632 May 08 j 13:21	16°♈38'21		
asc. node	-2632 May 09 j 12:46	18°♈41'52		
	-2632 May 14 j 18:41	0°♉		
superior conj	-2632 May 15 j 15:22	1°♉51'51	1°00'05	
minimum elong	-2632 May 15 j 13:04	1°♉39'24	0°59'44	
max. Earth dist.	-2632 May 17 j 08:32	5°♉33'22	1.33284 AU	
evening rise	-2632 May 23 j 01:07	17°♉26'28		
	-2632 May 29 j 13:16	0°♊		
	-2632 Jun 17 j 23:02	0°♋		
desc. node	-2632 Jun 20 j 00:33	2°♋29'18		
evening max el	-2632 Jun 25 j 02:15	7°♋53'43	27°25'09	
retrograde	-2632 Jul 08 j 19:25	15°♋15'30		
evening set	-2632 Jul 15 j 23:42	12°♋39'09		
min. Earth dist.	-2632 Jul 19 j 13:59	9°♋33'48	0.63234 AU	
inferior conj	-2632 Jul 22 j 07:27	6°♋50'00	-3°-52'-12	
minimum elong	-2632 Jul 22 j 11:22	6°♋40'10	3°51'22	
morning rise	-2632 Jul 29 j 01:08	1°♋35'15		
direct	-2632 Jul 31 j 14:31	1°♋03'58		
asc. node	-2632 Aug 05 j 12:02	2°♋59'09		
morning max el	-2632 Aug 07 j 04:36	4°♋28'25	17°55'41	
morning set	-2632 Aug 23 j 19:31	0°♌14'08		
	-2632 Aug 23 j 16:18	0°♌		
superior conj	-2632 Sep 04 j 19:17	20°♌50'02	1°08'17	
minimum elong	-2632 Sep 05 j 00:50	21°♌13'08	1°07'42	
	-2632 Sep 10 j 09:20	0°♍		
max. Earth dist.	-2632 Sep 11 j 04:28	1°♍17'09	1.43631 AU	
desc. node	-2632 Sep 16 j 00:00	8°♍57'12		
evening rise	-2632 Sep 20 j 11:30	15°♍56'54		
	-2632 Sep 29 j 16:56	0°♎		
greatest brilliancy	-2632 Oct 14 j 00:58	20°♎26'44	-0.5m	
evening max el	-2632 Oct 19 j 15:47	27°♎04'38	20°55'24	
	-2632 Oct 22 j 22:27	0°♏		
retrograde	-2632 Oct 28 j 00:13	2°♏01'26		
evening set	-2632 Oct 31 j 22:00	0°♏34'26		
asc. node	-2632 Nov 01 j 11:05	0°♏08'19		
	-2632 Nov 01 j 14:57	30°℞♎		
inferior conj	-2632 Nov 06 j 08:31	24°♎21'49	1°37'35	
minimum elong	-2632 Nov 06 j 06:26	24°♎28'58	1°36'44	
min. Earth dist.	-2632 Nov 06 j 20:07	23°♎42'11	0.67149 AU	
morning rise	-2632 Nov 11 j 14:28	18°♎05'18		
direct	-2632 Nov 16 j 21:22	15°♎49'04		
morning max el	-2632 Nov 27 j 18:54	22°♎18'55	24°01'56	
	-2632 Dec 04 j 12:12	0°♏		
desc. node	-2632 Dec 12 j 23:27	11°♏22'43		
	-2632 Dec 25 j 07:27	0°♐		
morning set	-2631 Jan 02 j 08:59	13°♐21'16		
max. Earth dist.	-2631 Jan 06 j 07:15	20°♐13'52	1.38391 AU	
	-2631 Jan 11 j 15:27	0°♑		
superior conj	-2631 Jan 13 j 11:30	3°♑27'54	-1°-51'-9	
minimum elong	-2631 Jan 13 j 14:00	3°♑39'46	1°51'05	
evening rise	-2631 Jan 22 j 09:26	20°♑49'40		
	-2631 Jan 27 j 03:52	0°♒		
asc. node	-2631 Jan 28 j 10:19	2°♒19'55		
evening max el	-2631 Feb 07 j 21:40	17°♒26'18	18°54'27	
retrograde	-2631 Feb 16 j 05:36	21°♒27'02		
evening set	-2631 Feb 18 j 14:12	21°♒09'03		
inferior conj	-2631 Feb 26 j 12:00	16°♒50'47	3°03'01	
minimum elong	-2631 Feb 26 j 16:35	16°♒42'32	3°01'56	
min. Earth dist.	-2631 Mar 01 j 17:14	14°♒32'51	0.57383 AU	
morning rise	-2631 Mar 06 j 15:02	11°♒44'30		
desc. node	-2631 Mar 10 j 22:32	10°♒37'18		
direct	-2631 Mar 12 j 00:46	10°♒34'23		
morning max el	-2631 Mar 26 j 07:28	17°♒59'02	25°49'17	
	-2631 Apr 05 j 06:48	0°♓		
	-2631 Apr 22 j 06:14	0°♈		
morning set	-2631 Apr 23 j 01:13	1°♈39'10		
asc. node	-2631 Apr 26 j 09:47	8°♈49'18		
superior conj	-2631 Apr 30 j 02:13	16°♈51'31	0°37'51	
minimum elong	-2631 Apr 30 j 00:38	16°♈42'49	0°37'33	
max. Earth dist.	-2631 Apr 30 j 19:12	18°♈24'14	1.32713 AU	
	-2631 May 06 j 04:53	0°♉		
evening rise	-2631 May 07 j 05:14	2°♉06'41		
	-2631 May 22 j 11:39	0°♊		
desc. node	-2631 Jun 06 j 21:35	19°♊54'47		
evening max el	-2631 Jun 07 j 08:10	20°♊20'18	27°05'13	
retrograde	-2631 Jun 21 j 06:44	27°♊40'40		
evening set	-2631 Jun 28 j 06:00	25°♊28'00		
min. Earth dist.	-2631 Jul 01 j 21:50	22°♊43'50	0.61344 AU	
inferior conj	-2631 Jul 05 j 02:40	19°♊54'18	-4°-20'-2	
minimum elong	-2631 Jul 05 j 05:08	19°♊48'49	4°19'44	
morning rise	-2631 Jul 12 j 07:10	15°♊00'49		
direct	-2631 Jul 14 j 18:47	14°♊35'16		
morning max el	-2631 Jul 21 j 18:19	18°♊03'04	18°00'59	
asc. node	-2631 Jul 23 j 09:07	19°♊46'21		
	-2631 Jul 30 j 08:48	0°♋		
morning set	-2631 Aug 06 j 17:35	13°♋12'06		
	-2631 Aug 15 j 23:58	0°♌		
superior conj	-2631 Aug 17 j 02:45	1°♌57'50	1°34'01	
minimum elong	-2631 Aug 17 j 06:54	2°♌15'58	1°33'45	
max. Earth dist.	-2631 Aug 24 j 14:48	14°♌45'24	1.42098 AU	
evening rise	-2631 Aug 30 j 22:56	25°♌02'47		
desc. node	-2631 Sep 02 j 20:59	29°♌38'35		
	-2631 Sep 03 j 02:28	0°♍		
	-2631 Sep 23 j 16:05	0°♎		
greatest brilliancy	-2631 Sep 27 j 16:44	5°♎09'09	-0.3m	
evening max el	-2631 Oct 02 j 10:32	10°♎30'35	22°10'10	
retrograde	-2631 Oct 11 j 20:00	16°♎05'47		
evening set	-2631 Oct 16 j 05:57	14°♎20'49		
asc. node	-2631 Oct 19 j 08:11	11°♎05'18		
inferior conj	-2631 Oct 21 j 14:53	8°♎01'41	0°46'44	
minimum elong	-2631 Oct 21 j 13:49	8°♎05'22	0°46'16	
min. Earth dist.	-2631 Oct 21 j 15:51	7°♎58'20	0.67459 AU	
morning rise	-2631 Oct 26 j 21:32	1°♎45'51		
	-2631 Oct 30 j 06:00	30°℞♍		
direct	-2631 Oct 31 j 13:12	29°♍51'29		
	-2631 Nov 01 j 21:24	0°♎		
morning max el	-2631 Nov 10 j 05:47	5°♎37'23	22°35'01	
greatest brilliancy	-2631 Nov 14 j 22:09	10°♎53'03	-0.3m	
	-2631 Nov 28 j 21:57	0°♏		
desc. node	-2631 Nov 29 j 20:29	1°♏23'06		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning set	-2631 Dec 13 j 22:36	23°♏17'40	
	-2631 Dec 17 j 23:42	0°♐	
max. Earth dist.	-2631 Dec 19 j 03:42	1°♐58'23	1.40473 AU
superior conj	-2631 Dec 26 j 22:25	15°♐36'10	-1°-57'-22
minimum elong	-2631 Dec 26 j 22:30	15°♐36'31	1°57'28
	-2630 Jan 03 j 17:01	0°♑	
evening rise	-2630 Jan 05 j 21:49	4°♑09'16	
asc. node	-2630 Jan 15 j 07:21	21°♑04'58	
	-2630 Jan 21 j 23:52	0°♒	
evening max el	-2630 Jan 22 j 02:54	0°♒07'25	18°21'24
retrograde	-2630 Jan 29 j 09:53	3°♒43'55	
evening set	-2630 Jan 31 j 21:57	3°♒19'31	
	-2630 Feb 06 j 12:51	30°℞♑	
inferior conj	-2630 Feb 08 j 03:37	28°♑40'33	3°46'19
minimum elong	-2630 Feb 08 j 06:03	28°♑35'28	3°45'59
min. Earth dist.	-2630 Feb 11 j 13:07	25°♑51'04	0.59319 AU
morning rise	-2630 Feb 15 j 10:43	23°♑09'58	
direct	-2630 Feb 21 j 20:21	21°♑20'58	
desc. node	-2630 Feb 25 j 19:37	22°♑01'09	
morning max el	-2630 Mar 08 j 02:56	28°♑59'59	27°00'21
	-2630 Mar 09 j 02:58	0°♒	
	-2630 Mar 29 j 23:39	0°♓	
morning set	-2630 Apr 07 j 11:12	16°♓33'43	
asc. node	-2630 Apr 13 j 06:46	29°♓01'51	
	-2630 Apr 13 j 17:24	0°♈	
superior conj	-2630 Apr 14 j 14:00	1°♈52'48	0°13'40
minimum elong	-2630 Apr 14 j 13:24	1°♈49'28	0°13'32
behind sun begin	-2630 Apr 14 j 10:48	1°♈35'17	
behind sun end	-2630 Apr 14 j 15:59	2°♈03'40	
max. Earth dist.	-2630 Apr 14 j 08:22	1°♈21'52	1.32492 AU
evening rise	-2630 Apr 21 j 13:55	16°♈59'35	
	-2630 Apr 28 j 02:24	0°♉	
	-2630 May 18 j 06:30	0°♊	
evening max el	-2630 May 20 j 08:03	2°♊04'52	26°13'03
desc. node	-2630 May 24 j 18:37	5°♊47'00	
retrograde	-2630 Jun 03 j 09:57	9°♊21'33	
evening set	-2630 Jun 09 j 15:57	7°♊44'40	
min. Earth dist.	-2630 Jun 13 j 21:00	5°♊04'36	0.59296 AU
inferior conj	-2630 Jun 17 j 05:47	2°♊29'32	-4°-27'-26
minimum elong	-2630 Jun 17 j 05:10	2°♊30'44	4°27'22
	-2630 Jun 20 j 16:27	30°℞♉	
morning rise	-2630 Jun 24 j 22:04	27°♉58'20	
direct	-2630 Jun 27 j 09:27	27°♉37'02	
	-2630 Jul 03 j 14:33	0°♊	
morning max el	-2630 Jul 05 j 03:34	1°♊19'28	18°25'52
asc. node	-2630 Jul 10 j 06:10	7°♊32'46	
morning set	-2630 Jul 21 j 05:24	26°♊51'21	
	-2630 Jul 22 j 20:45	0°♋	
superior conj	-2630 Jul 30 j 10:08	14°♋17'33	1°46'29
minimum elong	-2630 Jul 30 j 11:45	14°♋25'01	1°46'29
max. Earth dist.	-2630 Aug 06 j 19:17	27°♋29'55	1.40223 AU
	-2630 Aug 08 j 06:12	0°♌	
evening rise	-2630 Aug 11 j 08:03	5°♌10'58	
desc. node	-2630 Aug 20 j 17:57	20°♌12'42	
	-2630 Aug 27 j 07:09	0°♍	
evening max el	-2630 Sep 15 j 00:27	23°♍58'17	23°30'22
	-2630 Sep 23 j 22:28	0°♎	
retrograde	-2630 Sep 25 j 12:47	0°♎11'09	
	-2630 Sep 27 j 01:40	30°℞♍	
evening set	-2630 Sep 30 j 12:42	28°♍07'07	
inferior conj	-2630 Oct 05 j 21:35	21°♍45'20	0°-6'-36
minimum elong	-2630 Oct 05 j 21:44	21°♍44'48	0°06'31
transit middle	-2630 Oct 05 j 21:44	21°♍44'48	0°06'31
transit begin	-2630 Oct 05 j 19:15	21°♍53'19	
transit end	-2630 Oct 06 j 00:13	21°♍36'18	
min. Earth dist.	-2630 Oct 05 j 12:22	22°♍16'54	0.67468 AU
asc. node	-2630 Oct 06 j 05:16	21°♍19'02	
morning rise	-2630 Oct 11 j 06:51	15°♍33'07	
direct	-2630 Oct 15 j 08:34	14°♍00'14	
morning max el	-2630 Oct 23 j 21:59	19°♍02'23	21°13'13
greatest brilliancy	-2630 Oct 29 j 07:52	25°♍19'23	-0.5m
	-2630 Nov 01 j 20:42	0°♎	
desc. node	-2630 Nov 16 j 17:29	21°♎41'21	
	-2630 Nov 22 j 02:51	0°♏	
morning set	-2630 Nov 23 j 08:39	1°♏56'41	
max. Earth dist.	-2630 Dec 01 j 06:13	14°♏35'55	1.42394 AU
superior conj	-2630 Dec 08 j 10:48	26°♏37'34	-1°-50'-54
minimum elong	-2630 Dec 08 j 06:58	26°♏21'10	1°50'47
	-2630 Dec 10 j 09:51	0°♐	
evening rise	-2630 Dec 19 j 20:49	16°♐47'10	
	-2630 Dec 27 j 07:13	0°♑	
asc. node	-2629 Jan 02 j 04:24	9°♑10'15	
evening max el	-2629 Jan 05 j 13:12	13°♑09'24	18°08'14
retrograde	-2629 Jan 12 j 06:07	16°♑36'24	
evening set	-2629 Jan 14 j 21:35	16°♑04'22	
inferior conj	-2629 Jan 21 j 13:57	11°♑03'32	3°58'57
minimum elong	-2629 Jan 21 j 13:49	11°♑03'53	3°58'53
min. Earth dist.	-2629 Jan 24 j 15:40	8°♑07'00	0.61361 AU
morning rise	-2629 Jan 28 j 03:34	5°♑16'33	
direct	-2629 Feb 04 j 02:19	2°♑53'10	
desc. node	-2629 Feb 12 j 16:41	6°♑01'50	
morning max el	-2629 Feb 18 j 04:25	10°♑38'31	27°38'47
	-2629 Mar 05 j 07:52	0°♒	
	-2629 Mar 22 j 02:52	0°♓	
morning set	-2629 Mar 22 j 17:20	1°♓13'52	
max. Earth dist.	-2629 Mar 28 j 20:14	14°♓12'04	1.32624 AU
superior conj	-2629 Mar 30 j 00:59	16°♓48'25	0°-11'-43
minimum elong	-2629 Mar 30 j 01:31	16°♓51'20	0°11'39
behind sun begin	-2629 Mar 29 j 22:04	16°♓32'28	
behind sun end	-2629 Mar 30 j 04:59	17°♓10'12	
asc. node	-2629 Mar 31 j 03:46	19°♓14'29	
	-2629 Apr 05 j 03:00	0°♈	
evening rise	-2629 Apr 06 j 01:00	1°♈56'34	
	-2629 Apr 21 j 10:10	0°♉	
evening max el	-2629 May 02 j 02:01	13°♉09'15	24°54'30
desc. node	-2629 May 11 j 15:40	19°♉29'57	
retrograde	-2629 May 16 j 02:23	20°♉15'39	
evening set	-2629 May 21 j 03:38	19°♉17'19	
min. Earth dist.	-2629 May 26 j 14:04	16°♉24'50	0.57359 AU
inferior conj	-2629 May 29 j 13:35	14°♉25'51	-4°-3'-41
minimum elong	-2629 May 29 j 09:04	14°♉33'26	4°02'59
morning rise	-2629 Jun 06 j 18:30	10°♉15'03	
direct	-2629 Jun 09 j 06:39	9°♉56'52	
morning max el	-2629 Jun 18 j 05:22	14°♉07'18	19°11'17
asc. node	-2629 Jun 27 j 03:11	26°♉04'18	
	-2629 Jun 29 j 08:52	0°♊	
morning set	-2629 Jul 05 j 03:00	11°♊01'23	
superior conj	-2629 Jul 13 j 11:36	27°♊32'34	1°48'11
minimum elong	-2629 Jul 13 j 11:02	27°♊29'52	1°48'14
	-2629 Jul 14 j 18:12	0°♋	
max. Earth dist.	-2629 Jul 19 j 21:30	9°♋36'38	1.38253 AU
evening rise	-2629 Jul 23 j 19:00	16°♋34'06	
	-2629 Jul 31 j 19:14	0°♌	
desc. node	-2629 Aug 07 j 14:57	10°♌35'01	
	-2629 Aug 21 j 18:40	0°♍	
evening max el	-2629 Aug 28 j 11:56	7°♍30'06	24°49'23
retrograde	-2629 Sep 09 j 01:38	14°♍14'26	
evening set	-2629 Sep 14 j 16:35	11°♍51'57	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

min. Earth dist.	-2629 Sep 19 j 07:10	6°♍36'48	0.67168 AU
inferior conj	-2629 Sep 20 j 02:56	5°♍31'13	-1°00'-48
minimum elong	-2629 Sep 20 j 04:23	5°♍26'22	1°00'09
asc. node	-2629 Sep 23 j 02:20	1°♍48'01	
	-2629 Sep 24 j 22:34	30°℞♌	
morning rise	-2629 Sep 25 j 16:34	29°♌25'52	
direct	-2629 Sep 29 j 06:16	28°♌12'15	
	-2629 Oct 03 j 22:02	0°♍	
morning max el	-2629 Oct 06 j 21:34	2°♍37'09	20°02'18
greatest brilliancy	-2629 Oct 14 j 05:01	11°♍37'48	-0.6m
	-2629 Oct 26 j 16:05	0°♎	
morning set	-2629 Nov 02 j 06:07	10°♎07'01	
desc. node	-2629 Nov 03 j 14:28	12°♎12'25	
max. Earth dist.	-2629 Nov 13 j 16:50	28°♎05'33	1.43880 AU
	-2629 Nov 14 j 21:26	0°♏	
superior conj	-2629 Nov 18 j 20:16	6°♏23'18	-1°-28'00
minimum elong	-2629 Nov 18 j 13:03	5°♏53'56	1°27'22
evening rise	-2629 Dec 02 j 02:14	28°♏35'48	
	-2629 Dec 02 j 21:51	0°♐	
evening max el	-2629 Dec 20 j 01:43	26°♐24'56	18°14'15
asc. node	-2629 Dec 20 j 01:27	26°♐24'16	
retrograde	-2629 Dec 26 j 14:13	29°♐55'07	
evening set	-2629 Dec 29 j 09:24	29°♐14'24	
inferior conj	-2628 Jan 04 j 15:22	23°♐52'43	3°49'20
minimum elong	-2628 Jan 04 j 13:23	23°♐58'07	3°49'02
min. Earth dist.	-2628 Jan 07 j 03:19	21°♐10'35	0.63238 AU
morning rise	-2628 Jan 10 j 15:41	17°♐54'16	
direct	-2628 Jan 17 j 16:25	15°♐09'44	
desc. node	-2628 Jan 30 j 13:45	22°♐04'24	
morning max el	-2628 Jan 31 j 11:07	22°♐56'09	27°40'44
	-2628 Feb 06 j 18:42	0°♑	
	-2628 Feb 26 j 12:32	0°♒	
morning set	-2628 Mar 05 j 17:18	15°♒31'46	
max. Earth dist.	-2628 Mar 11 j 03:03	26°♒41'39	1.33134 AU
	-2628 Mar 12 j 16:16	0°♓	
superior conj	-2628 Mar 13 j 09:29	1°♓32'23	0°-37'-23
minimum elong	-2628 Mar 13 j 11:12	1°♓41'33	0°37'05
asc. node	-2628 Mar 17 j 00:47	9°♓23'13	
evening rise	-2628 Mar 20 j 12:41	16°♓51'04	
	-2628 Mar 27 j 02:33	0°♈	
evening max el	-2628 Apr 12 j 17:32	23°♈50'39	23°21'36
	-2628 Apr 22 j 09:51	0°♉	
retrograde	-2628 Apr 26 j 06:01	0°♉33'30	
desc. node	-2628 Apr 27 j 12:45	0°♉29'50	
evening set	-2628 Apr 29 j 22:31	0°♉03'42	
	-2628 Apr 30 j 03:59	30°℞♈	
min. Earth dist.	-2628 May 07 j 04:05	26°♈46'21	0.55870 AU
inferior conj	-2628 May 09 j 01:33	25°♈39'10	-2°-59'-7
minimum elong	-2628 May 08 j 19:10	25°♈48'39	2°57'24
morning rise	-2628 May 17 j 19:06	21°♈41'57	
direct	-2628 May 20 j 09:11	21°♈25'30	
morning max el	-2628 May 30 j 21:18	26°♈17'56	20°17'14
	-2628 Jun 03 j 08:01	0°♉	
asc. node	-2628 Jun 13 j 00:12	15°♉10'15	
morning set	-2628 Jun 18 j 07:23	25°♉34'05	
	-2628 Jun 20 j 11:25	0°♊	
superior conj	-2628 Jun 26 j 02:06	11°♊28'29	1°41'39
minimum elong	-2628 Jun 26 j 00:09	11°♊18'39	1°41'36
max. Earth dist.	-2628 Jul 01 j 03:01	21°♊25'20	1.36429 AU
evening rise	-2628 Jul 05 j 04:31	29°♊04'06	
	-2628 Jul 05 j 16:43	0°♋	
desc. node	-2628 Jul 24 j 11:58	0°♌39'11	
	-2628 Jul 24 j 01:07	0°♌	
evening max el	-2628 Aug 09 j 23:00	21°♌03'35	25°59'30
retrograde	-2628 Aug 22 j 09:49	28°♌10'08	
evening set	-2628 Aug 28 j 15:38	25°♌32'23	
min. Earth dist.	-2628 Sep 01 j 21:47	20°♌54'51	0.66538 AU
inferior conj	-2628 Sep 03 j 05:06	19°♌16'17	-1°-54'-13
minimum elong	-2628 Sep 03 j 07:48	19°♌07'45	1°53'08
asc. node	-2628 Sep 08 j 23:25	13°♌23'02	
morning rise	-2628 Sep 09 j 00:44	13°♌21'02	
direct	-2628 Sep 12 j 04:33	12°♌23'34	
morning max el	-2628 Sep 19 j 04:14	16°♌20'18	19°05'34
	-2628 Sep 29 j 10:35	0°♍	
morning set	-2628 Oct 11 j 14:56	18°♍57'11	
	-2628 Oct 18 j 15:43	0°♎	
desc. node	-2628 Oct 20 j 11:28	2°♎51'45	
max. Earth dist.	-2628 Oct 26 j 09:09	12°♎09'05	1.44735 AU
superior conj	-2628 Oct 28 j 05:02	15°♎02'21	0°-48'-16
minimum elong	-2628 Oct 27 j 23:06	14°♎38'53	0°47'33
	-2628 Nov 06 j 14:00	0°♏	
evening rise	-2628 Nov 12 j 09:36	9°♏26'40	
	-2628 Nov 25 j 03:48	0°♐	
evening max el	-2628 Dec 02 j 13:41	9°♐47'35	18°38'36
asc. node	-2628 Dec 05 j 22:32	12°♐32'31	
retrograde	-2628 Dec 09 j 05:58	13°♐31'36	
evening set	-2628 Dec 12 j 06:02	12°♐40'49	
inferior conj	-2628 Dec 18 j 04:04	7°♐00'45	3°24'15
minimum elong	-2628 Dec 18 j 01:11	7°♐09'23	3°23'35
min. Earth dist.	-2628 Dec 20 j 00:57	4°♐46'55	0.64800 AU
morning rise	-2628 Dec 23 j 19:10	0°♐53'54	
	-2628 Dec 24 j 22:51	30°℞♏	
direct	-2628 Dec 30 j 13:22	28°♏03'14	
	-2627 Jan 05 j 18:18	0°♐	
morning max el	-2627 Jan 12 j 20:35	5°♐43'59	27°08'32
desc. node	-2627 Jan 16 j 10:49	9°♐34'39	
	-2627 Jan 31 j 11:51	0°♑	
morning set	-2627 Feb 17 j 08:06	29°♑17'36	
	-2627 Feb 17 j 16:50	0°♒	
max. Earth dist.	-2627 Feb 22 j 00:54	8°♒39'11	1.34056 AU
superior conj	-2627 Feb 25 j 13:33	15°♒58'07	-1°-2'-16
minimum elong	-2627 Feb 25 j 16:17	16°♒12'26	1°01'50
asc. node	-2627 Mar 03 j 21:51	29°♒23'43	
	-2627 Mar 04 j 04:45	0°♓	
evening rise	-2627 Mar 04 j 23:12	1°♓36'30	
	-2627 Mar 21 j 08:44	0°♈	
evening max el	-2627 Mar 25 j 12:57	4°♈36'52	21°48'43
retrograde	-2627 Apr 06 j 22:54	10°♈38'31	
evening set	-2627 Apr 09 j 14:44	10°♈22'40	
desc. node	-2627 Apr 14 j 09:48	8°♈44'05	
inferior conj	-2627 Apr 18 j 23:15	6°♈18'58	-1°-16'-8
minimum elong	-2627 Apr 18 j 19:44	6°♈23'54	1°14'56
min. Earth dist.	-2627 Apr 18 j 17:36	6°♈26'54	0.55135 AU
morning rise	-2627 Apr 28 j 01:45	2°♈20'32	
direct	-2627 Apr 30 j 22:16	2°♈02'29	
morning max el	-2627 May 13 j 02:27	7°♈47'21	21°41'46
	-2627 May 28 j 11:15	0°♉	
asc. node	-2627 May 30 j 21:16	4°♉42'14	
morning set	-2627 Jun 02 j 16:18	10°♉23'12	
superior conj	-2627 Jun 10 j 01:47	25°♉54'10	1°28'58
minimum elong	-2627 Jun 09 j 23:14	25°♉40'48	1°28'44
	-2627 Jun 12 j 01:15	0°♊	
max. Earth dist.	-2627 Jun 13 j 16:41	3°♊21'10	1.34910 AU
evening rise	-2627 Jun 18 j 07:29	12°♊27'47	
	-2627 Jun 28 j 01:22	0°♋	
desc. node	-2627 Jul 11 j 08:59	20°♋17'22	
	-2627 Jul 19 j 02:48	0°♌	
evening max el	-2627 Jul 23 j 10:26	4°♌33'11	26°52'42

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

retrograde	-2627 Aug 05 j 13:05	11°♌52'04	
evening set	-2627 Aug 12 j 07:33	9°♌05'55	
min. Earth dist.	-2627 Aug 16 j 05:58	5°♌06'50	0.65548 AU
inferior conj	-2627 Aug 18 j 02:04	2°♌57'40	-2°-44'-51
minimum elong	-2627 Aug 18 j 05:46	2°♌46'49	2°43'36
	-2627 Aug 20 j 17:54	30°℞♋	
morning rise	-2627 Aug 24 j 05:13	27°♋15'42	
asc. node	-2627 Aug 26 j 20:29	26°♋31'11	
direct	-2627 Aug 27 j 01:30	26°♋30'57	
morning max el	-2627 Sep 02 j 16:15	0°♌08'40	18°24'46
	-2627 Sep 02 j 12:48	0°♌	
morning set	-2627 Sep 22 j 01:50	29°♌05'08	
	-2627 Sep 22 j 15:18	0°♍	
superior conj	-2627 Oct 07 j 04:56	23°♍21'57	0°00'58
minimum elong	-2627 Oct 07 j 05:03	23°♍22'25	0°00'57
behind sun begin	-2627 Oct 06 j 17:50	22°♍38'06	
behind sun end	-2627 Oct 07 j 16:16	24°♍06'42	
desc. node	-2627 Oct 07 j 08:30	23°♍36'06	
max. Earth dist.	-2627 Oct 09 j 03:29	26°♍25'36	1.44865 AU
	-2627 Oct 11 j 09:59	0°♎	
evening rise	-2627 Oct 23 j 16:32	19°♎15'59	
	-2627 Oct 30 j 12:42	0°♏	
greatest brilliancy	-2627 Nov 06 j 05:43	10°♏19'59	-0.7m
evening max el	-2627 Nov 15 j 22:46	23°♏13'50	19°20'06
asc. node	-2627 Nov 22 j 19:36	27°♏20'08	
retrograde	-2627 Nov 23 j 01:54	27°♏20'31	
evening set	-2627 Nov 26 j 08:39	26°♏17'43	
inferior conj	-2627 Dec 02 j 00:51	20°♏22'26	2°48'26
minimum elong	-2627 Dec 01 j 21:50	20°♏32'04	2°47'30
min. Earth dist.	-2627 Dec 03 j 07:39	18°♏43'42	0.65994 AU
morning rise	-2627 Dec 07 j 10:12	14°♏09'44	
direct	-2627 Dec 13 j 16:35	11°♏25'46	
morning max el	-2627 Dec 26 j 06:13	18°♏49'45	26°08'52
desc. node	-2626 Jan 03 j 07:54	28°♏07'11	
	-2626 Jan 04 j 18:45	0°♐	
	-2626 Jan 24 j 12:15	0°♑	
morning set	-2626 Jan 31 j 09:43	12°♑19'09	
max. Earth dist.	-2626 Feb 04 j 11:01	20°♑01'55	1.35430 AU
superior conj	-2626 Feb 09 j 10:48	29°♑58'27	-1°-24'-55
minimum elong	-2626 Feb 09 j 14:08	0°♒15'25	1°24'32
	-2626 Feb 09 j 11:07	0°♒	
evening rise	-2626 Feb 17 j 06:40	16°♒06'35	
asc. node	-2626 Feb 18 j 18:54	19°♒11'00	
	-2626 Feb 24 j 10:02	0°♓	
evening max el	-2626 Mar 07 j 17:39	15°♓51'09	20°27'01
retrograde	-2626 Mar 18 j 12:56	21°♓00'24	
evening set	-2626 Mar 20 j 18:57	20°♓47'54	
inferior conj	-2626 Mar 29 j 19:12	16°♓50'04	0°41'35
minimum elong	-2626 Mar 29 j 21:03	16°♓47'20	0°40'56
min. Earth dist.	-2626 Mar 31 j 07:45	15°♓56'33	0.55341 AU
desc. node	-2626 Apr 01 j 06:54	15°♓23'22	
morning rise	-2626 Apr 07 j 21:03	12°♓31'28	
direct	-2626 Apr 11 j 10:55	12°♓03'35	
morning max el	-2626 Apr 24 j 22:14	18°♓39'25	23°18'56
	-2626 May 04 j 05:33	0°♈	
asc. node	-2626 May 17 j 18:19	24°♈32'19	
morning set	-2626 May 18 j 03:42	25°♈21'18	
	-2626 May 20 j 08:24	0°♉	
superior conj	-2626 May 25 j 07:34	10°♉38'55	1°11'41
minimum elong	-2626 May 25 j 05:01	10°♉25'19	1°11'20
max. Earth dist.	-2626 May 27 j 16:02	15°♉38'45	1.33764 AU
evening rise	-2626 Jun 01 j 23:04	26°♉30'13	
	-2626 Jun 03 j 17:46	0°♊	
	-2626 Jun 21 j 09:37	0°♋	

desc. node	-2626 Jun 28 j 06:01	9°♋17'34	
evening max el	-2626 Jul 05 j 21:30	17°♋48'18	27°21'48
retrograde	-2626 Jul 19 j 10:51	25°♋11'07	
evening set	-2626 Jul 26 j 13:25	22°♋27'22	
min. Earth dist.	-2626 Jul 30 j 05:41	19°♋04'14	0.64181 AU
inferior conj	-2626 Aug 01 j 15:26	16°♋30'08	-3°-30'-7
minimum elong	-2626 Aug 01 j 19:33	16°♋19'08	3°29'02
morning rise	-2626 Aug 08 j 03:28	11°♋04'30	
direct	-2626 Aug 10 j 18:35	10°♋29'12	
asc. node	-2626 Aug 13 j 17:34	11°♋13'53	
morning max el	-2626 Aug 17 j 07:04	13°♋56'22	18°01'04
	-2626 Aug 28 j 11:25	0°♌	
morning set	-2626 Sep 03 j 15:47	10°♌30'41	
	-2626 Sep 15 j 06:50	0°♍	
superior conj	-2626 Sep 16 j 18:14	2°♍24'15	0°47'00
minimum elong	-2626 Sep 16 j 23:06	2°♍44'02	0°46'26
max. Earth dist.	-2626 Sep 21 j 20:32	10°♍35'56	1.44270 AU
desc. node	-2626 Sep 24 j 05:30	14°♍21'45	
evening rise	-2626 Oct 03 j 03:11	28°♍15'07	
	-2626 Oct 04 j 06:23	0°♎	
greatest brilliancy	-2626 Oct 23 j 12:28	28°♎36'23	-0.6m
	-2626 Oct 24 j 13:20	0°♏	
evening max el	-2626 Oct 30 j 03:02	6°♏41'07	20°16'58
retrograde	-2626 Nov 06 j 23:17	11°♏17'54	
asc. node	-2626 Nov 09 j 16:40	10°♏35'03	
evening set	-2626 Nov 10 j 14:53	10°♏00'37	
inferior conj	-2626 Nov 16 j 03:02	3°♏53'31	2°05'05
minimum elong	-2626 Nov 16 j 00:29	4°♏02'04	2°04'07
min. Earth dist.	-2626 Nov 16 j 21:18	2°♏52'08	0.66824 AU
	-2626 Nov 19 j 03:07	30°℞♎	
morning rise	-2626 Nov 21 j 09:31	27°♎37'35	
direct	-2626 Nov 27 j 01:21	25°♎09'25	
	-2626 Dec 06 j 11:25	0°♏	
morning max el	-2626 Dec 08 j 14:50	2°♏02'34	24°51'00
desc. node	-2626 Dec 21 j 04:58	17°♏23'42	
	-2626 Dec 29 j 21:19	0°♐	
morning set	-2625 Jan 13 j 16:46	24°♐21'10	
	-2625 Jan 16 j 20:03	0°♑	
max. Earth dist.	-2625 Jan 17 j 10:25	1°♑05'53	1.37223 AU
superior conj	-2625 Jan 23 j 22:10	13°♑24'59	-1°-43'-24
minimum elong	-2625 Jan 24 j 01:19	13°♑40'23	1°43'12
evening rise	-2625 Feb 01 j 08:53	0°♒15'13	
	-2625 Feb 01 j 05:50	0°♒	
asc. node	-2625 Feb 05 j 15:56	8°♒39'49	
evening max el	-2625 Feb 18 j 09:17	27°♒42'52	19°22'39
	-2625 Feb 21 j 05:03	0°♓	
retrograde	-2625 Feb 27 j 12:27	2°♓04'07	
evening set	-2625 Mar 01 j 19:12	1°♓49'03	
	-2625 Mar 06 j 09:18	30°℞♒	
inferior conj	-2625 Mar 10 j 03:11	27°♒41'22	2°21'22
minimum elong	-2625 Mar 10 j 07:55	27°♒33'34	2°20'00
min. Earth dist.	-2625 Mar 12 j 22:45	25°♒50'37	0.56445 AU
morning rise	-2625 Mar 18 j 16:50	22°♒52'28	
desc. node	-2625 Mar 19 j 03:59	22°♒43'04	
direct	-2625 Mar 23 j 10:16	22°♒01'19	
morning max el	-2625 Apr 06 j 13:12	29°♒12'59	24°57'33
	-2625 Apr 07 j 08:22	0°♓	
	-2625 Apr 27 j 12:41	0°♈	
morning set	-2625 May 02 j 15:51	10°♈22'37	
asc. node	-2625 May 04 j 15:22	14°♈34'54	
superior conj	-2625 May 09 j 17:07	25°♈35'00	0°50'58
minimum elong	-2625 May 09 j 15:04	25°♈23'53	0°50'37
max. Earth dist.	-2625 May 10 j 23:28	28°♈19'33	1.32997 AU
	-2625 May 11 j 18:04	0°♉	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening rise	-2625 May 16 j 23:29	10°♉59'38	
	-2625 May 27 j 00:13	0°♊	
desc. node	-2625 Jun 15 j 03:02	27°♊23'46	
	-2625 Jun 17 j 15:06	0°♋	
evening max el	-2625 Jun 18 j 06:14	0°♋36'41	27°20'48
retrograde	-2625 Jul 02 j 02:16	7°♋58'04	
evening set	-2625 Jul 09 j 05:32	5°♋30'23	
min. Earth dist.	-2625 Jul 12 j 19:34	2°♋35'28	0.62460 AU
inferior conj	-2625 Jul 15 j 18:15	29°♊47'15	-4°-6'00
minimum elong	-2625 Jul 15 j 21:45	29°♊38'53	4°05'23
	-2625 Jul 15 j 12:56	30°℞♊	
morning rise	-2625 Jul 22 j 16:23	24°♊40'59	
direct	-2625 Jul 25 j 04:43	24°♊12'24	
asc. node	-2625 Jul 31 j 14:39	27°♊19'53	
morning max el	-2625 Jul 31 j 21:55	27°♊37'24	17°55'31
	-2625 Aug 03 j 01:24	0°♋	
morning set	-2625 Aug 17 j 03:48	22°♋59'39	
	-2625 Aug 21 j 02:01	0°♌	
superior conj	-2625 Aug 28 j 09:50	12°♌44'41	1°20'57
minimum elong	-2625 Aug 28 j 15:05	13°♌06'57	1°20'29
max. Earth dist.	-2625 Sep 04 j 10:00	24°♌24'27	1.43040 AU
	-2625 Sep 07 j 21:14	0°♍	
desc. node	-2625 Sep 11 j 02:27	5°♍05'41	
evening rise	-2625 Sep 12 j 08:41	7°♍03'59	
	-2625 Sep 27 j 14:04	0°♎	
greatest brilliancy	-2625 Oct 07 j 23:17	14°♎15'36	-0.4m
evening max el	-2625 Oct 13 j 01:22	20°♎07'52	21°26'18
retrograde	-2625 Oct 21 j 19:59	25°♎20'22	
evening set	-2625 Oct 25 j 22:42	23°♎46'04	
asc. node	-2625 Oct 27 j 13:44	22°♎16'38	
inferior conj	-2625 Oct 31 j 08:24	17°♎30'30	1°16'24
minimum elong	-2625 Oct 31 j 06:42	17°♎36'19	1°15'42
min. Earth dist.	-2625 Oct 31 j 15:27	17°♎06'15	0.67322 AU
morning rise	-2625 Nov 05 j 14:23	11°♎14'00	
direct	-2625 Nov 10 j 14:50	9°♎06'42	
morning max el	-2625 Nov 20 j 23:49	15°♎17'52	23°24'43
greatest brilliancy	-2625 Nov 26 j 15:03	21°♎40'30	-0.2m
	-2625 Dec 02 j 23:54	0°♏	
desc. node	-2625 Dec 08 j 01:58	7°♏10'36	
	-2625 Dec 22 j 21:07	0°♐	
morning set	-2625 Dec 25 j 22:49	5°♐05'44	
max. Earth dist.	-2625 Dec 30 j 05:46	12°♐26'31	1.39282 AU
superior conj	-2624 Jan 06 j 19:25	26°♐05'27	-1°-55'-5
minimum elong	-2624 Jan 06 j 21:06	26°♐13'16	1°55'07
	-2624 Jan 08 j 21:26	0°♑	
evening rise	-2624 Jan 16 j 03:09	13°♑54'28	
asc. node	-2624 Jan 23 j 12:58	27°♑42'51	
	-2624 Jan 24 j 21:17	0°♒	
evening max el	-2624 Feb 01 j 10:15	10°♒07'41	18°37'55
retrograde	-2624 Feb 09 j 05:53	13°♒55'47	
evening set	-2624 Feb 11 j 16:11	13°♒35'05	
inferior conj	-2624 Feb 19 j 06:48	9°♒08'16	3°25'37
minimum elong	-2624 Feb 19 j 10:38	9°♒00'53	3°24'54
min. Earth dist.	-2624 Feb 22 j 15:44	6°♒34'16	0.58182 AU
morning rise	-2624 Feb 27 j 01:22	3°♒51'00	
direct	-2624 Mar 03 j 22:34	2°♒24'33	
desc. node	-2624 Mar 05 j 01:05	2°♒27'36	
morning max el	-2624 Mar 18 j 05:31	9°♒55'44	26°22'56
	-2624 Apr 02 j 13:12	0°♓	
morning set	-2624 Apr 16 j 03:06	25°♓20'57	
	-2624 Apr 18 j 07:44	0°♈	
asc. node	-2624 Apr 20 j 12:23	4°♈44'44	
superior conj	-2624 Apr 23 j 04:32	10°♈35'30	0°27'47
minimum elong	-2624 Apr 23 j 03:20	10°♈28'54	0°27'33
max. Earth dist.	-2624 Apr 23 j 11:43	11°♈14'50	1.32581 AU
evening rise	-2624 Apr 30 j 05:49	25°♈45'58	
	-2624 May 02 j 07:19	0°♉	
	-2624 May 19 j 17:14	0°♊	
evening max el	-2624 May 30 j 09:59	12°♊46'23	26°46'51
desc. node	-2624 Jun 01 j 00:04	14°♊13'21	
retrograde	-2624 Jun 13 j 10:03	20°♊04'38	
evening set	-2624 Jun 20 j 03:35	18°♊06'22	
min. Earth dist.	-2624 Jun 23 j 23:27	15°♊26'06	0.60479 AU
inferior conj	-2624 Jun 27 j 07:04	12°♊40'24	-4°-26'-18
minimum elong	-2624 Jun 27 j 08:25	12°♊37'34	4°26'10
morning rise	-2624 Jul 04 j 16:25	7°♊56'06	
direct	-2624 Jul 07 j 03:55	7°♊32'22	
morning max el	-2624 Jul 14 j 10:00	11°♊04'50	18°09'08
asc. node	-2624 Jul 17 j 11:42	14°♊33'49	
	-2624 Jul 26 j 23:09	0°♋	
morning set	-2624 Jul 30 j 08:19	6°♋17'05	
superior conj	-2624 Aug 09 j 04:11	24°♋25'05	1°40'48
minimum elong	-2624 Aug 09 j 07:16	24°♋38'56	1°40'40
	-2624 Aug 12 j 07:50	0°♌	
max. Earth dist.	-2624 Aug 16 j 18:22	7°♌37'23	1.41330 AU
evening rise	-2624 Aug 22 j 04:11	16°♌33'28	
desc. node	-2624 Aug 27 j 23:25	25°♌44'44	
	-2624 Aug 30 j 17:52	0°♍	
greatest brilliancy	-2624 Sep 19 j 20:57	28°♍07'23	-0.3m
	-2624 Sep 21 j 10:55	0°♎	
evening max el	-2624 Sep 24 j 17:58	3°♎35'09	22°43'58
retrograde	-2624 Oct 04 j 14:32	9°♎26'06	
evening set	-2624 Oct 09 j 06:22	7°♎32'55	
asc. node	-2624 Oct 13 j 10:48	2°♎49'23	
inferior conj	-2624 Oct 14 j 15:07	1°♎12'22	0°24'19
minimum elong	-2624 Oct 14 j 14:32	1°♎14'20	0°24'05
min. Earth dist.	-2624 Oct 14 j 11:42	1°♎24'08	0.67506 AU
	-2624 Oct 15 j 12:11	30°℞♍	
morning rise	-2624 Oct 19 j 22:40	24°♍57'58	
direct	-2624 Oct 24 j 08:16	23°♍12'56	
morning max el	-2624 Nov 02 j 12:39	28°♍39'03	21°59'13
	-2624 Nov 03 j 19:28	0°♎	
greatest brilliancy	-2624 Nov 07 j 07:49	4°♎05'36	-0.4m
desc. node	-2624 Nov 23 j 22:58	27°♎19'32	
	-2624 Nov 25 j 17:32	0°♏	
morning set	-2624 Dec 04 j 23:57	14°♏26'16	
max. Earth dist.	-2624 Dec 11 j 04:59	24°♏35'22	1.41337 AU
	-2624 Dec 14 j 09:52	0°♐	
superior conj	-2624 Dec 18 j 21:26	7°♐46'57	-1°-56'-25
minimum elong	-2624 Dec 18 j 19:59	7°♐40'31	1°56'29
evening rise	-2624 Dec 29 j 10:20	26°♐57'25	
	-2624 Dec 31 j 01:46	0°♑	
asc. node	-2623 Jan 09 j 10:00	16°♑12'02	
evening max el	-2623 Jan 14 j 17:56	22°♑58'11	18°13'18
retrograde	-2623 Jan 21 j 17:37	26°♑29'05	
evening set	-2623 Jan 24 j 07:10	26°♑01'29	
inferior conj	-2623 Jan 31 j 06:46	21°♑12'47	3°54'54
minimum elong	-2623 Jan 31 j 08:03	21°♑09'54	3°54'45
min. Earth dist.	-2623 Feb 03 j 13:52	18°♑17'38	0.60199 AU
morning rise	-2623 Feb 07 j 05:58	15°♑34'22	
direct	-2623 Feb 13 j 22:29	13°♑29'57	
desc. node	-2623 Feb 19 j 22:09	15°♑01'29	
morning max el	-2623 Feb 28 j 03:35	21°♑11'42	27°21'08
	-2623 Mar 07 j 19:54	0°♒	
	-2623 Mar 26 j 09:31	0°♓	
morning set	-2623 Mar 31 j 11:41	10°♓09'59	
max. Earth dist.	-2623 Apr 07 j 00:59	24°♓11'32	1.32508 AU
asc. node	-2623 Apr 07 j 09:23	24°♓57'31	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2623 Apr 07 j 16:09	25°♓34'32	0°02'59
minimum elong	-2623 Apr 07 j 16:01	25°♓33'47	0°02'56
behind sun begin	-2623 Apr 07 j 11:04	25°♓06'43	
behind sun end	-2623 Apr 07 j 20:58	26°♓00'52	
	-2623 Apr 09 j 16:39	0°♈	
evening rise	-2623 Apr 14 j 15:45	10°♈41'06	
	-2623 Apr 24 j 15:04	0°♉	
evening max el	-2623 May 12 j 07:02	24°♉11'50	25°42'11
desc. node	-2623 May 18 j 21:08	29°♉15'05	
	-2623 May 20 j 08:13	0°♊	
retrograde	-2623 May 26 j 08:43	1°♊25'12	
evening set	-2623 Jun 01 j 03:56	0°♊04'52	
	-2623 Jun 01 j 08:12	30°℞♉	
min. Earth dist.	-2623 Jun 05 j 19:17	27°♉21'39	0.58438 AU
inferior conj	-2623 Jun 09 j 02:13	24°♉59'27	-4°-21'-50
minimum elong	-2623 Jun 08 j 23:56	25°♉03'37	4°21'38
morning rise	-2623 Jun 16 j 23:49	20°♉37'41	
direct	-2623 Jun 19 j 11:36	20°♉17'45	
morning max el	-2623 Jun 27 j 16:25	24°♉09'53	18°42'47
	-2623 Jul 02 j 13:52	0°♊	
asc. node	-2623 Jul 04 j 08:44	2°♊40'32	
morning set	-2623 Jul 14 j 00:42	20°♊10'18	
	-2623 Jul 19 j 01:55	0°♋	
superior conj	-2623 Jul 22 j 19:58	7°♋10'20	1°48'22
minimum elong	-2623 Jul 22 j 20:35	7°♋13'12	1°48'25
max. Earth dist.	-2623 Jul 29 j 21:34	20°♋05'12	1.39375 AU
evening rise	-2623 Aug 03 j 00:19	27°♋12'54	
	-2623 Aug 04 j 15:59	0°♌	
desc. node	-2623 Aug 14 j 20:25	16°♌14'26	
	-2623 Aug 24 j 07:43	0°♍	
evening max el	-2623 Sep 07 j 06:24	17°♍03'53	24°04'29
retrograde	-2623 Sep 18 j 05:48	23°♍31'21	
evening set	-2623 Sep 23 j 12:09	21°♍18'57	
inferior conj	-2623 Sep 28 j 21:27	14°♍57'02	0°-29'-33
minimum elong	-2623 Sep 28 j 22:09	14°♍54'39	0°29'15
min. Earth dist.	-2623 Sep 28 j 07:43	15°♍43'32	0.67380 AU
asc. node	-2623 Sep 30 j 07:52	13°♍02'12	
morning rise	-2623 Oct 04 j 08:23	8°♍47'35	
direct	-2623 Oct 08 j 04:40	7°♍23'26	
morning max el	-2623 Oct 16 j 08:03	12°♍08'44	20°41'33
greatest brilliancy	-2623 Oct 22 j 09:49	19°♍21'11	-0.5m
	-2623 Oct 30 j 00:38	0°♎	
desc. node	-2623 Nov 10 j 19:58	17°♎43'48	
morning set	-2623 Nov 14 j 02:03	22°♎45'32	
	-2623 Nov 18 j 16:52	0°♏	
max. Earth dist.	-2623 Nov 23 j 11:10	7°♏37'02	1.43093 AU
superior conj	-2623 Nov 29 j 22:41	18°♏16'25	-1°-43'-21
minimum elong	-2623 Nov 29 j 17:07	17°♏53'10	1°43'01
	-2623 Dec 06 j 19:43	0°♐	
evening rise	-2623 Dec 12 j 02:28	9°♐15'50	
	-2623 Dec 24 j 08:57	0°♑	
asc. node	-2623 Dec 27 j 07:02	3°♑57'08	
evening max el	-2623 Dec 29 j 05:28	6°♑06'34	18°08'26
retrograde	-2622 Jan 04 j 19:38	9°♑33'55	
evening set	-2622 Jan 07 j 12:26	8°♑58'28	
inferior conj	-2622 Jan 14 j 00:03	3°♑48'27	3°57'10
minimum elong	-2622 Jan 13 j 23:01	3°♑51'06	3°57'01
min. Earth dist.	-2622 Jan 16 j 20:17	0°♑55'41	0.62187 AU
	-2622 Jan 17 j 19:42	30°℞♐	
morning rise	-2622 Jan 20 j 07:26	27°♐55'46	
direct	-2622 Jan 27 j 08:05	25°♐21'34	
desc. node	-2622 Feb 06 j 19:14	29°♐58'48	
	-2622 Feb 06 j 19:50	0°♑	
morning max el	-2622 Feb 10 j 07:50	3°♑08'46	27°44'07
	-2622 Mar 02 j 06:04	0°♒	

morning set	-2622 Mar 15 j 15:34	24°♒42'32	
	-2622 Mar 18 j 05:06	0°♓	
max. Earth dist.	-2622 Mar 21 j 11:16	6°♓55'18	1.32789 AU
superior conj	-2622 Mar 23 j 02:20	10°♓26'24	0°-22'-38
minimum elong	-2622 Mar 23 j 03:23	10°♓32'01	0°22'27
asc. node	-2622 Mar 25 j 06:25	15°♓09'22	
evening rise	-2622 Mar 30 j 03:21	25°♓38'08	
	-2622 Apr 01 j 05:41	0°♈	
	-2622 Apr 19 j 07:50	0°♉	
evening max el	-2622 Apr 23 j 23:08	5°♉03'14	24°15'51
desc. node	-2622 May 05 j 18:12	11°♉52'38	
retrograde	-2622 May 07 j 20:20	12°♉02'40	
evening set	-2622 May 12 j 07:24	11°♉18'07	
min. Earth dist.	-2622 May 18 j 10:46	8°♉16'18	0.56646 AU
inferior conj	-2622 May 21 j 01:26	6°♉37'37	-3°-41'-36
minimum elong	-2622 May 20 j 19:39	6°♉46'47	3°40'25
morning rise	-2622 May 29 j 11:54	2°♉34'12	
direct	-2622 Jun 01 j 00:26	2°♉17'08	
morning max el	-2622 Jun 10 j 14:27	6°♉43'46	19°36'56
asc. node	-2622 Jun 21 j 05:48	21°♉28'05	
	-2622 Jun 25 j 18:56	0°♊	
morning set	-2622 Jun 28 j 01:31	4°♊30'45	
superior conj	-2622 Jul 06 j 03:35	20°♊44'39	1°46'16
minimum elong	-2622 Jul 06 j 02:20	20°♊38'29	1°46'19
	-2622 Jul 10 j 22:35	0°♋	
max. Earth dist.	-2622 Jul 11 j 23:56	1°♋58'54	1.37442 AU
evening rise	-2622 Jul 15 j 21:29	9°♋06'00	
	-2622 Jul 28 j 10:28	0°♌	
desc. node	-2622 Aug 01 j 17:25	6°♌29'39	
	-2622 Aug 20 j 02:55	0°♍	
evening max el	-2622 Aug 20 j 17:20	0°♍35'55	25°20'44
retrograde	-2622 Sep 01 j 16:56	7°♍31'49	
evening set	-2622 Sep 07 j 14:15	5°♍02'10	
min. Earth dist.	-2622 Sep 12 j 01:06	0°♍02'40	0.66937 AU
	-2622 Sep 12 j 01:56	30°℞♌	
inferior conj	-2622 Sep 13 j 01:40	28°♌42'40	-1°-23'-39
minimum elong	-2622 Sep 13 j 03:41	28°♌36'08	1°22'49
asc. node	-2622 Sep 17 j 04:57	23°♌53'42	
morning rise	-2622 Sep 18 j 17:40	22°♌41'09	
direct	-2622 Sep 22 j 02:46	21°♌34'59	
morning max el	-2622 Sep 29 j 10:49	25°♌47'12	19°36'16
	-2622 Oct 03 j 02:26	0°♍	
greatest brilliancy	-2622 Oct 08 j 01:47	6°♍46'58	-0.7m
	-2622 Oct 23 j 08:51	0°♎	
morning set	-2622 Oct 24 j 01:30	1°♎04'39	
desc. node	-2622 Oct 28 j 16:58	8°♎18'34	
max. Earth dist.	-2622 Nov 05 j 23:59	21°♎21'02	1.44323 AU
superior conj	-2622 Nov 09 j 20:41	27°♎30'37	-1°-12'-58
minimum elong	-2622 Nov 09 j 13:15	27°♎00'50	1°12'12
	-2622 Nov 11 j 09:51	0°♏	
evening rise	-2622 Nov 23 j 23:01	20°♏40'35	
	-2622 Nov 29 j 12:08	0°♐	
evening max el	-2622 Dec 12 j 18:05	19°♐25'50	18°22'28
asc. node	-2622 Dec 14 j 04:06	20°♐45'04	
retrograde	-2622 Dec 19 j 07:22	23°♐00'46	
evening set	-2622 Dec 22 j 04:23	22°♐16'08	
inferior conj	-2622 Dec 28 j 06:44	16°♐46'35	3°40'17
minimum elong	-2622 Dec 28 j 04:15	16°♐53'38	3°39'49
min. Earth dist.	-2622 Dec 30 j 12:24	14°♐14'51	0.63943 AU
morning rise	-2621 Jan 03 j 02:38	10°♐44'07	
direct	-2621 Jan 10 j 01:30	7°♐54'48	
morning max el	-2621 Jan 23 j 16:02	15°♐40'42	27°30'51
desc. node	-2621 Jan 24 j 16:19	16°♐42'18	
	-2621 Feb 04 j 11:56	0°♑	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2621 Feb 22 j 21:57	0°♒		
morning set	-2621 Feb 27 j 12:05	8°♒48'21		
max. Earth dist.	-2621 Mar 04 j 14:31	19°♒11'29	1.33467 AU	
superior conj	-2621 Mar 07 j 09:14	25°♒03'41	0°-48'-7	
minimum elong	-2621 Mar 07 j 11:24	25°♒15'14	0°47'44	
	-2621 Mar 09 j 16:38	0°♓		
asc. node	-2621 Mar 12 j 03:27	5°♓15'08		
evening rise	-2621 Mar 14 j 14:45	10°♓29'25		
	-2621 Mar 24 j 19:17	0°♈		
evening max el	-2621 Apr 05 j 15:36	15°♈43'40	22°41'23	
retrograde	-2621 Apr 18 j 19:04	22°♈11'00		
evening set	-2621 Apr 21 j 23:05	21°♈49'03		
desc. node	-2621 Apr 22 j 15:17	21°♈38'57		
min. Earth dist.	-2621 Apr 30 j 00:44	18°♈17'09	0.55449 AU	
inferior conj	-2621 May 01 j 06:15	17°♈34'50	-2°-19'-18	
minimum elong	-2621 May 01 j 00:30	17°♈43'07	2°17'31	
morning rise	-2621 May 10 j 04:20	13°♈38'54		
direct	-2621 May 12 j 20:05	13°♈22'26		
morning max el	-2621 May 24 j 01:51	18°♈37'08	20°51'05	
	-2621 Jun 02 j 00:52	0°♉		
asc. node	-2621 Jun 08 j 02:52	10°♉45'53		
morning set	-2621 Jun 12 j 08:05	19°♉10'46		
	-2621 Jun 17 j 13:23	0°♊		
superior conj	-2621 Jun 19 j 22:24	4°♊54'07	1°36'55	
minimum elong	-2621 Jun 19 j 20:07	4°♊42'21	1°36'47	
max. Earth dist.	-2621 Jun 24 j 08:16	13°♊46'35	1.35741 AU	
evening rise	-2621 Jun 28 j 15:05	22°♊00'39		
	-2621 Jul 03 j 00:16	0°♋		
desc. node	-2621 Jul 19 j 14:27	26°♋23'36		
	-2621 Jul 22 j 05:06	0°♌		
evening max el	-2621 Aug 03 j 04:41	14°♌09'00	26°24'46	
retrograde	-2621 Aug 15 j 23:11	21°♌22'05		
evening set	-2621 Aug 22 j 10:35	18°♌40'00		
min. Earth dist.	-2621 Aug 26 j 13:26	14°♌18'31	0.66156 AU	
inferior conj	-2621 Aug 28 j 01:56	12°♌26'43	-2°-16'-11	
minimum elong	-2621 Aug 28 j 05:06	12°♌16'58	2°15'00	
morning rise	-2621 Sep 03 j 00:33	6°♌36'25		
asc. node	-2621 Sep 04 j 02:03	6°♌06'25		
direct	-2621 Sep 06 j 00:51	5°♌44'44		
morning max el	-2621 Sep 12 j 19:58	9°♌32'36	18°46'08	
	-2621 Sep 27 j 07:18	0°♍		
morning set	-2621 Oct 03 j 20:34	10°♍25'46		
desc. node	-2621 Oct 15 j 13:57	29°♍00'14		
	-2621 Oct 16 j 05:08	0°♎		
superior conj	-2621 Oct 19 j 23:05	5°♎54'12	0°-27'-50	
minimum elong	-2621 Oct 19 j 19:26	5°♎39'48	0°27'23	
max. Earth dist.	-2621 Oct 19 j 17:23	5°♎31'43	1.44878 AU	
	-2621 Nov 04 j 03:47	0°♏		
evening rise	-2621 Nov 04 j 20:01	1°♏05'01		
	-2621 Nov 23 j 17:27	0°♐		
evening max el	-2621 Nov 26 j 05:13	2°♐51'12	18°54'20	
asc. node	-2621 Dec 01 j 01:10	6°♐21'17		
retrograde	-2621 Dec 03 j 01:11	6°♐43'28		
evening set	-2621 Dec 06 j 03:55	5°♐47'49		
inferior conj	-2621 Dec 11 j 23:14	0°♐01'08	3°10'10	
minimum elong	-2621 Dec 11 j 20:13	0°♐10'27	3°09'21	
	-2621 Dec 11 j 23:37	30°℞♏		
min. Earth dist.	-2621 Dec 13 j 14:01	28°♏01'40	0.65356 AU	
morning rise	-2621 Dec 17 j 11:32	23°♏51'44		
direct	-2621 Dec 24 j 01:23	21°♏02'20		
morning max el	-2620 Jan 06 j 01:36	28°♏37'06	26°45'59	
	-2620 Jan 07 j 09:52	0°♐		
desc. node	-2620 Jan 11 j 13:22	4°♐41'45		
	-2620 Jan 29 j 06:42	0°♑		
morning set	-2620 Feb 10 j 21:50	22°♑17'00		
	-2620 Feb 14 j 20:47	0°♒		
max. Earth dist.	-2620 Feb 15 j 07:23	0°♒52'54	1.34589 AU	
superior conj	-2620 Feb 19 j 10:45	9°♒19'55	-1°-12'-14	
minimum elong	-2620 Feb 19 j 13:49	9°♒35'45	1°11'48	
evening rise	-2620 Feb 27 j 00:13	25°♒09'12		
asc. node	-2620 Feb 27 j 00:29	25°♒10'36		
	-2620 Feb 29 j 09:06	0°♓		
evening max el	-2620 Mar 17 j 14:39	26°♓40'07	21°12'06	
	-2620 Mar 21 j 20:02	0°♈		
retrograde	-2620 Mar 29 j 08:44	2°♈19'08		
evening set	-2620 Mar 31 j 18:49	2°♈05'37		
	-2620 Apr 06 j 14:01	30°℞♓		
desc. node	-2620 Apr 08 j 12:23	28°♓58'37		
inferior conj	-2620 Apr 10 j 01:22	28°♓06'53	0°-25'-57	
minimum elong	-2620 Apr 10 j 00:08	28°♓08'36	0°25'33	
min. Earth dist.	-2620 Apr 10 j 14:24	27°♓48'29	0.55115 AU	
morning rise	-2620 Apr 19 j 05:02	24°♓01'57		
direct	-2620 Apr 22 j 07:46	23°♓40'50		
morning max el	-2620 May 05 j 02:25	29°♓48'14	22°21'59	
	-2620 May 05 j 07:24	0°♈		
asc. node	-2620 May 24 j 23:54	0°♉26'02		
	-2620 May 24 j 18:47	0°♉		
morning set	-2620 May 26 j 18:15	4°♉04'04		
superior conj	-2620 Jun 03 j 00:57	19°♉28'17	1°22'07	
minimum elong	-2620 Jun 02 j 22:20	19°♉14'27	1°21'49	
max. Earth dist.	-2620 Jun 06 j 02:19	25°♉51'24	1.34383 AU	
	-2620 Jun 08 j 03:02	0°♊		
evening rise	-2620 Jun 10 j 23:56	5°♊42'05		
	-2620 Jun 24 j 16:38	0°♋		
desc. node	-2620 Jul 05 j 11:29	15°♋46'52		
evening max el	-2620 Jul 15 j 16:21	27°♋34'12	27°08'31	
	-2620 Jul 18 j 09:19	0°♌		
retrograde	-2620 Jul 28 j 23:56	4°♌54'43		
evening set	-2620 Aug 04 j 22:35	2°♌08'23		
	-2620 Aug 07 j 06:36	30°℞♋		
min. Earth dist.	-2620 Aug 08 j 18:14	28°♋25'02	0.65013 AU	
inferior conj	-2620 Aug 10 j 19:59	26°♋04'40	-3°-4'-58	
minimum elong	-2620 Aug 10 j 23:57	25°♋53'27	3°03'43	
morning rise	-2620 Aug 17 j 02:43	20°♋29'05		
direct	-2620 Aug 19 j 20:37	19°♋48'33		
asc. node	-2620 Aug 20 j 23:08	19°♋55'07		
morning max el	-2620 Aug 26 j 09:25	23°♋20'33	18°12'31	
	-2620 Aug 31 j 16:43	0°♌		
morning set	-2620 Sep 13 j 19:23	21°♌07'58		
	-2620 Sep 19 j 04:14	0°♍		
superior conj	-2620 Sep 28 j 02:03	14°♍24'00	0°21'35	
minimum elong	-2620 Sep 28 j 04:42	14°♍34'31	0°21'16	
desc. node	-2620 Oct 01 j 10:56	19°♍45'01		
max. Earth dist.	-2620 Oct 01 j 11:59	19°♍49'09	1.44699 AU	
	-2620 Oct 07 j 23:29	0°♎		
evening rise	-2620 Oct 14 j 17:09	10°♎29'45		
	-2620 Oct 27 j 09:22	0°♏		
greatest brilliancy	-2620 Oct 31 j 11:46	6°♏02'43	-0.7m	
evening max el	-2620 Nov 08 j 12:28	16°♏17'50	19°42'34	
retrograde	-2620 Nov 15 j 21:58	20°♏36'08		
asc. node	-2620 Nov 16 j 22:14	20°♏30'15		
evening set	-2620 Nov 19 j 08:20	19°♏27'16		
inferior conj	-2620 Nov 24 j 22:34	13°♏26'30	2°30'47	
minimum elong	-2620 Nov 24 j 19:42	13°♏35'55	2°29'49	
min. Earth dist.	-2620 Nov 25 j 23:47	12°♏03'52	0.66393 AU	
morning rise	-2620 Nov 30 j 06:25	7°♏12'22		
direct	-2620 Dec 06 j 06:50	4°♏34'28		
morning max el	-2620 Dec 18 j 10:43	11°♏46'08	25°37'28	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

desc. node	-2620 Dec 28 j 10:24	23°♏34'13		
	-2619 Jan 02 j 02:45	0°♐		
	-2619 Jan 20 j 22:37	0°♑		
morning set	-2619 Jan 23 j 16:14	4°♑54'34		
max. Earth dist.	-2619 Jan 27 j 12:45	12°♑05'13	1.36154 AU	
superior conj	-2619 Feb 02 j 04:12	23°♑06'43	-1°-33'-23	
minimum elong	-2619 Feb 02 j 07:35	23°♑23'39	1°33'05	
	-2619 Feb 05 j 13:54	0°♒		
evening rise	-2619 Feb 10 j 05:43	9°♒30'52		
asc. node	-2619 Feb 12 j 21:32	14°♒50'37		
	-2619 Feb 21 j 10:19	0°♓		
evening max el	-2619 Feb 27 j 23:56	8°♓09'30	19°57'13	
retrograde	-2619 Mar 10 j 01:26	12°♓57'09		
evening set	-2619 Mar 12 j 07:09	12°♓43'57		
inferior conj	-2619 Mar 21 j 00:56	8°♓43'07	1°27'40	
minimum elong	-2619 Mar 21 j 04:31	8°♓37'38	1°26'29	
min. Earth dist.	-2619 Mar 23 j 04:28	7°♓24'33	0.55717 AU	
desc. node	-2619 Mar 26 j 09:27	5°♓37'45		
morning rise	-2619 Mar 29 j 22:56	4°♓12'31		
direct	-2619 Apr 02 j 23:43	3°♓36'41		
morning max el	-2619 Apr 16 j 19:23	10°♓29'05	24°01'36	
	-2619 May 01 j 08:06	0°♈		
morning set	-2619 May 11 j 06:13	19°♈04'44		
asc. node	-2619 May 11 j 20:57	20°♈22'16		
	-2619 May 16 j 08:40	0°♉		
superior conj	-2619 May 18 j 08:36	4°♉18'55	1°03'16	
minimum elong	-2619 May 18 j 06:13	4°♉06'05	1°02'53	
max. Earth dist.	-2619 May 20 j 05:41	8°♉20'48	1.33394 AU	
evening rise	-2619 May 25 j 19:41	19°♉57'24		
	-2619 May 30 j 23:47	0°♊		
	-2619 Jun 18 j 19:25	0°♋		
desc. node	-2619 Jun 22 j 08:31	4°♋26'40		
evening max el	-2619 Jun 28 j 02:43	10°♋39'38	27°25'14	
retrograde	-2619 Jul 11 j 18:55	18°♋01'48		
evening set	-2619 Jul 18 j 23:05	15°♋22'55		
min. Earth dist.	-2619 Jul 22 j 13:40	12°♋13'24	0.63493 AU	
inferior conj	-2619 Jul 25 j 05:14	9°♋31'38	-3°-46'-48	
minimum elong	-2619 Jul 25 j 09:15	9°♋21'24	3°45'53	
morning rise	-2619 Jul 31 j 21:27	4°♋14'04		
direct	-2619 Aug 03 j 11:13	3°♋41'50		
asc. node	-2619 Aug 07 j 20:12	5°♋15'18		
morning max el	-2619 Aug 10 j 00:38	7°♋06'36	17°56'29	
	-2619 Aug 25 j 01:34	0°♌		
morning set	-2619 Aug 26 j 19:28	3°♌02'37		
superior conj	-2619 Sep 08 j 01:53	23°♌57'45	1°03'09	
minimum elong	-2619 Sep 08 j 07:23	24°♌20'30	1°02'33	
	-2619 Sep 11 j 18:18	0°♍		
max. Earth dist.	-2619 Sep 14 j 04:14	3°♍53'46	1.43818 AU	
desc. node	-2619 Sep 18 j 07:55	10°♍30'11		
evening rise	-2619 Sep 23 j 23:17	19°♍18'20		
	-2619 Sep 30 j 23:11	0°♎		
greatest brilliancy	-2619 Oct 16 j 17:54	22°♎46'32	-0.5m	
evening max el	-2619 Oct 22 j 14:11	29°♎44'08	20°45'04	
	-2619 Oct 22 j 20:25	0°♏		
retrograde	-2619 Oct 30 j 19:22	4°♏35'45		
evening set	-2619 Nov 03 j 15:27	3°♏11'21		
asc. node	-2619 Nov 03 j 19:18	3°♏04'07		
	-2619 Nov 06 j 19:35	30°℞♎		
inferior conj	-2619 Nov 09 j 02:20	26°♎59'55	1°44'55	
minimum elong	-2619 Nov 09 j 00:07	27°♎07'29	1°44'03	
min. Earth dist.	-2619 Nov 09 j 15:36	26°♎14'44	0.67074 AU	
morning rise	-2619 Nov 14 j 08:21	20°♎43'25		
direct	-2619 Nov 19 j 17:31	18°♎24'02		
morning max el	-2619 Nov 30 j 19:23	25°♎00'26	24°14'47	
	-2619 Dec 05 j 07:56	0°♏		
desc. node	-2619 Dec 15 j 07:25	13°♏04'21		
	-2619 Dec 26 j 15:02	0°♐		
morning set	-2618 Jan 05 j 13:24	16°♐25'12		
max. Earth dist.	-2618 Jan 09 j 09:43	23°♐12'30	1.38078 AU	
	-2618 Jan 13 j 02:48	0°♑		
superior conj	-2618 Jan 16 j 10:05	6°♑14'28	-1°-49'-22	
minimum elong	-2618 Jan 16 j 12:48	6°♑27'29	1°49'18	
evening rise	-2618 Jan 25 j 04:54	23°♑27'42		
	-2618 Jan 28 j 13:27	0°♒		
asc. node	-2618 Jan 30 j 18:33	4°♒09'14		
evening max el	-2618 Feb 10 j 19:43	20°♒15'29	19°01'09	
retrograde	-2618 Feb 19 j 08:24	24°♒21'09		
evening set	-2618 Feb 21 j 16:24	24°♒04'03		
inferior conj	-2618 Mar 01 j 16:50	19°♒48'47	2°53'15	
minimum elong	-2618 Mar 01 j 21:33	19°♒40'28	2°52'05	
min. Earth dist.	-2618 Mar 04 j 20:07	17°♒37'18	0.57118 AU	
morning rise	-2618 Mar 09 j 22:44	14°♒46'42		
desc. node	-2618 Mar 13 j 06:33	13°♒50'35		
direct	-2618 Mar 15 j 04:16	13°♒41'51		
morning max el	-2618 Mar 29 j 10:27	21°♒03'55	25°36'30	
	-2618 Apr 06 j 04:03	0°♓		
	-2618 Apr 23 j 18:45	0°♈		
morning set	-2618 Apr 25 j 18:12	4°♈05'48		
asc. node	-2618 Apr 28 j 17:57	10°♈28'31		
superior conj	-2618 May 02 j 19:10	19°♈17'52	0°41'25	
minimum elong	-2618 May 02 j 17:27	19°♈08'28	0°41'04	
max. Earth dist.	-2618 May 03 j 15:32	21°♈08'57	1.32772 AU	
	-2618 May 07 j 18:16	0°♉		
evening rise	-2618 May 09 j 22:55	4°♉34'59		
	-2618 May 23 j 16:51	0°♊		
desc. node	-2618 Jun 09 j 05:34	22°♊03'41		
evening max el	-2618 Jun 10 j 09:20	23°♊11'52	27°10'18	
	-2618 Jun 20 j 18:22	0°♋		
retrograde	-2618 Jun 24 j 07:25	0°♋32'51		
	-2618 Jun 27 j 17:58	30°℞♊		
evening set	-2618 Jul 01 j 08:04	28°♊15'46		
min. Earth dist.	-2618 Jul 04 j 23:05	25°♊29'19	0.61641 AU	
inferior conj	-2618 Jul 08 j 02:31	22°♊39'26	-4°-16'-59	
minimum elong	-2618 Jul 08 j 05:19	22°♊33'05	4°16'36	
morning rise	-2618 Jul 15 j 05:21	17°♊42'37		
direct	-2618 Jul 17 j 17:03	17°♊16'24		
morning max el	-2618 Jul 24 j 14:44	20°♊43'12	17°58'56	
asc. node	-2618 Jul 25 j 17:15	21°♊52'03		
	-2618 Jul 31 j 14:18	0°♋		
morning set	-2618 Aug 09 j 15:06	15°♋53'27		
	-2618 Aug 17 j 10:28	0°♌		
superior conj	-2618 Aug 20 j 05:22	4°♌53'40	1°31'01	
minimum elong	-2618 Aug 20 j 09:51	5°♌13'08	1°30'42	
max. Earth dist.	-2618 Aug 27 j 15:11	17°♌26'47	1.42356 AU	
evening rise	-2618 Sep 03 j 08:36	28°♌18'17		
	-2618 Sep 04 j 10:26	0°♍		
desc. node	-2618 Sep 05 j 04:54	1°♍12'22		
	-2618 Sep 24 j 16:56	0°♎		
greatest brilliancy	-2618 Sep 30 j 14:55	7°♎44'14	-0.4m	
evening max el	-2618 Oct 05 j 09:50	13°♎10'16	21°58'36	
retrograde	-2618 Oct 14 j 15:26	18°♎39'43		
evening set	-2618 Oct 18 j 23:25	16°♎57'38		
asc. node	-2618 Oct 21 j 16:21	14°♎11'59		
inferior conj	-2618 Oct 24 j 08:31	10°♎39'18	0°54'39	
minimum elong	-2618 Oct 24 j 07:17	10°♎43'35	0°54'07	
min. Earth dist.	-2618 Oct 24 j 11:04	10°♎30'29	0.67431 AU	
morning rise	-2618 Oct 29 j 14:55	4°♎23'06		
direct	-2618 Nov 03 j 08:49	2°♎25'19		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning max el	-2618 Nov 13 j 05:40	8°♎17'59	22°47'46
greatest brilliancy	-2618 Nov 17 j 23:33	13°♎37'33	-0.3m
	-2618 Nov 30 j 02:44	0°♏	
desc. node	-2618 Dec 02 j 04:25	3°♏01'23	
morning set	-2618 Dec 17 j 07:23	26°♏34'15	
	-2618 Dec 19 j 09:01	0°♐	
max. Earth dist.	-2618 Dec 22 j 05:29	4°♐49'16	1.40164 AU
superior conj	-2618 Dec 29 j 23:51	18°♐31'32	-1°-57'-10
minimum elong	-2618 Dec 30 j 00:24	18°♐34'03	1°57'15
	-2617 Jan 05 j 04:01	0°♑	
evening rise	-2617 Jan 08 j 18:55	6°♑52'31	
asc. node	-2617 Jan 17 j 15:35	22°♑59'15	
	-2617 Jan 22 j 10:07	0°♒	
evening max el	-2617 Jan 24 j 23:58	2°♒52'46	18°25'07
retrograde	-2617 Feb 01 j 09:52	6°♒31'41	
evening set	-2617 Feb 03 j 21:30	6°♒08'18	
inferior conj	-2617 Feb 11 j 05:24	1°♒32'40	3°41'52
minimum elong	-2617 Feb 11 j 08:14	1°♒26'52	3°41'28
	-2617 Feb 13 j 02:25	30°℞♑	
min. Earth dist.	-2617 Feb 14 j 15:16	28°♑46'21	0.59018 AU
morning rise	-2617 Feb 18 j 15:26	26°♑05'17	
direct	-2617 Feb 24 j 22:13	24°♑21'59	
desc. node	-2617 Feb 28 j 03:36	24°♑48'25	
	-2617 Mar 09 j 01:00	0°♒	
morning max el	-2617 Mar 11 j 04:59	1°♒59'20	26°51'35
	-2617 Mar 31 j 08:15	0°♓	
morning set	-2617 Apr 10 j 04:32	19°♓01'09	
	-2617 Apr 15 j 07:35	0°♈	
asc. node	-2617 Apr 15 j 14:59	0°♈40'23	
superior conj	-2617 Apr 17 j 06:54	4°♈18'54	0°17'26
minimum elong	-2617 Apr 17 j 06:08	4°♈14'40	0°17'16
max. Earth dist.	-2617 Apr 17 j 04:31	4°♈05'48	1.32506 AU
evening rise	-2617 Apr 24 j 07:03	19°♈26'10	
	-2617 Apr 29 j 12:59	0°♉	
	-2617 May 18 j 17:09	0°♊	
evening max el	-2617 May 23 j 10:18	5°♊02'43	26°22'43
desc. node	-2617 May 27 j 02:37	8°♊11'40	
retrograde	-2617 Jun 06 j 11:56	12°♊19'50	
evening set	-2617 Jun 12 j 21:14	10°♊37'20	
min. Earth dist.	-2617 Jun 16 j 23:28	7°♊57'39	0.59602 AU
inferior conj	-2617 Jun 20 j 08:15	5°♊19'12	-4°-28'-5
minimum elong	-2617 Jun 20 j 08:12	5°♊19'19	4°28'02
morning rise	-2617 Jun 27 j 22:41	0°♊44'30	
direct	-2617 Jun 30 j 10:04	0°♊22'37	
morning max el	-2617 Jul 08 j 00:47	4°♊02'13	18°20'52
asc. node	-2617 Jul 12 j 14:18	9°♊29'57	
morning set	-2617 Jul 24 j 01:09	29°♊27'04	
	-2617 Jul 24 j 08:04	0°♋	
superior conj	-2617 Aug 02 j 09:31	17°♋03'15	1°45'21
minimum elong	-2617 Aug 02 j 11:31	17°♋12'24	1°45'20
	-2617 Aug 09 j 16:19	0°♌	
max. Earth dist.	-2617 Aug 09 j 20:35	0°♌18'23	1.40515 AU
evening rise	-2617 Aug 14 j 13:59	8°♌15'42	
desc. node	-2617 Aug 23 j 01:54	21°♌47'56	
	-2617 Aug 28 j 12:29	0°♍	
greatest brilliancy	-2617 Sep 19 j 21:02	28°♍24'02	-0.1m
evening max el	-2617 Sep 18 j 00:26	26°♍38'00	23°18'22
	-2617 Sep 21 j 19:22	0°♎	
retrograde	-2617 Sep 28 j 08:42	2°♎45'10	
evening set	-2617 Oct 03 j 06:28	0°♎44'02	
	-2617 Oct 04 j 01:57	30°℞♍	
inferior conj	-2617 Oct 08 j 15:17	24°♍22'31	0°01'37
minimum elong	-2617 Oct 08 j 15:15	24°♍22'39	0°01'36
transit middle	-2617 Oct 08 j 15:15	24°♍22'39	0°01'36
transit begin	-2617 Oct 08 j 12:33	24°♍31'54	
transit end	-2617 Oct 08 j 17:56	24°♍13'25	
min. Earth dist.	-2617 Oct 08 j 07:36	24°♍48'54	0.67488 AU
asc. node	-2617 Oct 08 j 13:25	24°♍28'56	
morning rise	-2617 Oct 14 j 00:03	18°♍09'38	
direct	-2617 Oct 18 j 03:49	16°♍33'33	
morning max el	-2617 Oct 26 j 20:52	21°♍41'37	21°24'48
greatest brilliancy	-2617 Nov 01 j 02:08	27°♍42'46	-0.4m
	-2617 Nov 02 j 20:43	0°♎	
desc. node	-2617 Nov 19 j 01:25	23°♎17'12	
	-2617 Nov 23 j 10:28	0°♏	
morning set	-2617 Nov 26 j 20:59	5°♏22'31	
max. Earth dist.	-2617 Dec 04 j 07:06	17°♏19'22	1.42134 AU
superior conj	-2617 Dec 11 j 15:57	29°♏43'37	-1°-52'-53
minimum elong	-2617 Dec 11 j 12:45	29°♏29'49	1°52'49
	-2617 Dec 11 j 19:45	0°♐	
evening rise	-2617 Dec 22 j 20:10	19°♐36'51	
	-2617 Dec 28 j 14:34	0°♑	
asc. node	-2616 Jan 04 j 12:38	11°♑10'53	
evening max el	-2616 Jan 08 j 09:43	15°♑51'48	18°08'57
retrograde	-2616 Jan 15 j 04:00	19°♑19'17	
evening set	-2616 Jan 17 j 19:00	18°♑48'22	
inferior conj	-2616 Jan 24 j 13:09	13°♑50'37	3°58'37
minimum elong	-2616 Jan 24 j 13:22	13°♑50'07	3°58'33
min. Earth dist.	-2616 Jan 27 j 16:29	10°♑53'48	0.61065 AU
morning rise	-2616 Jan 31 j 05:08	8°♑05'47	
direct	-2616 Feb 07 j 02:41	5°♑46'59	
desc. node	-2616 Feb 15 j 00:40	8°♑27'04	
morning max el	-2616 Feb 21 j 05:32	13°♑31'18	27°35'22
	-2616 Mar 05 j 10:39	0°♒	
	-2616 Mar 22 j 15:22	0°♓	
morning set	-2616 Mar 24 j 11:23	3°♓43'32	
max. Earth dist.	-2616 Mar 30 j 16:55	16°♓58'01	1.32584 AU
superior conj	-2616 Mar 31 j 18:07	19°♓15'19	0°-7'-51
minimum elong	-2616 Mar 31 j 18:29	19°♓17'16	0°07'47
behind sun begin	-2616 Mar 31 j 14:03	18°♓53'04	
behind sun end	-2616 Mar 31 j 22:55	19°♓41'29	
asc. node	-2616 Apr 01 j 12:02	20°♓53'07	
	-2616 Apr 05 j 16:36	0°♈	
evening rise	-2616 Apr 07 j 17:55	4°♈22'48	
	-2616 Apr 21 j 12:30	0°♉	
evening max el	-2616 May 04 j 05:06	16°♉12'26	25°07'28
desc. node	-2616 May 12 j 23:41	22°♉16'35	
retrograde	-2616 May 18 j 05:57	23°♉20'43	
evening set	-2616 May 23 j 12:09	22°♉16'54	
min. Earth dist.	-2616 May 28 j 17:09	19°♉27'18	0.57629 AU
inferior conj	-2616 May 31 j 19:07	17°♉21'49	-4°-9'-48
minimum elong	-2616 May 31 j 15:08	17°♉28'37	4°09'15
morning rise	-2616 Jun 08 j 22:06	13°♉08'16	
direct	-2616 Jun 11 j 10:11	12°♉49'36	
morning max el	-2616 Jun 20 j 03:52	16°♉54'46	19°03'14
asc. node	-2616 Jun 28 j 11:22	27°♉55'29	
	-2616 Jun 29 j 16:41	0°♊	
morning set	-2616 Jul 06 j 21:32	13°♊33'14	
superior conj	-2616 Jul 15 j 08:41	0°♋11'09	1°48'30
minimum elong	-2616 Jul 15 j 08:24	0°♋09'49	1°48'35
	-2616 Jul 15 j 06:22	0°♋	
max. Earth dist.	-2616 Jul 21 j 23:08	12°♋31'02	1.38542 AU
evening rise	-2616 Jul 25 j 21:13	19°♋27'50	
	-2616 Aug 01 j 03:40	0°♌	
desc. node	-2616 Aug 08 j 22:56	12°♌12'31	
	-2616 Aug 21 j 16:25	0°♍	
evening max el	-2616 Aug 30 j 12:10	10°♍09'16	24°37'56
retrograde	-2616 Sep 10 j 22:10	16°♍49'16	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening set	-2616 Sep 16 j 10:55	14°♍29'17	
min. Earth dist.	-2616 Sep 21 j 02:47	9°♍08'53	0.67236 AU
inferior conj	-2616 Sep 21 j 20:58	8°♍08'14	0°-52'-32
minimum elong	-2616 Sep 21 j 22:13	8°♍04'02	0°52'00
asc. node	-2616 Sep 24 j 10:29	4°♍51'58	
morning rise	-2616 Sep 27 j 09:51	2°♍01'48	
direct	-2616 Oct 01 j 01:13	0°♍45'31	
morning max el	-2616 Oct 08 j 19:23	5°♍15'12	20°12'04
greatest brilliancy	-2616 Oct 15 j 17:56	13°♍42'55	-0.6m
	-2616 Oct 26 j 22:22	0°♎	
morning set	-2616 Nov 04 j 18:54	13°♎33'01	
desc. node	-2616 Nov 04 j 22:27	13°♎46'45	
	-2616 Nov 15 j 06:06	0°♏	
max. Earth dist.	-2616 Nov 15 j 16:53	0°♏43'07	1.43700 AU
superior conj	-2616 Nov 21 j 05:34	9°♏40'39	-1°-32'-36
minimum elong	-2616 Nov 20 j 22:39	9°♏12'21	1°32'03
	-2616 Dec 03 j 06:53	0°♐	
evening rise	-2616 Dec 04 j 04:33	1°♐33'31	
asc. node	-2616 Dec 21 j 09:41	28°♐33'09	
evening max el	-2616 Dec 21 j 22:03	29°♐05'21	18°12'06
	-2616 Dec 22 j 21:05	0°♑	
retrograde	-2616 Dec 28 j 10:41	2°♑34'26	
evening set	-2616 Dec 31 j 05:15	1°♑55'06	
	-2615 Jan 03 j 01:56	30°℞♐	
inferior conj	-2615 Jan 06 j 12:34	26°♐36'14	3°51'54
minimum elong	-2615 Jan 06 j 10:48	26°♐40'58	3°51'39
min. Earth dist.	-2615 Jan 09 j 02:41	23°♐50'56	0.62978 AU
morning rise	-2615 Jan 12 j 14:35	20°♐39'08	
direct	-2615 Jan 19 j 15:33	17°♐56'55	
desc. node	-2615 Jan 31 j 21:45	24°♐13'19	
morning max el	-2615 Feb 02 j 11:42	25°♐43'32	27°42'45
	-2615 Feb 06 j 11:17	0°♑	
	-2615 Feb 26 j 21:46	0°♒	
morning set	-2615 Mar 08 j 12:28	18°♒05'12	
max. Earth dist.	-2615 Mar 14 j 00:49	29°♒31'34	1.33031 AU
	-2615 Mar 14 j 06:09	0°♓	
superior conj	-2615 Mar 16 j 03:07	4°♓01'09	0°-33'-32
minimum elong	-2615 Mar 16 j 04:39	4°♓09'25	0°33'15
asc. node	-2615 Mar 19 j 09:04	11°♓02'34	
evening rise	-2615 Mar 23 j 05:39	19°♓17'52	
	-2615 Mar 28 j 12:28	0°♈	
evening max el	-2615 Apr 15 j 20:30	26°♈55'04	23°35'46
	-2615 Apr 19 j 12:00	0°♉	
retrograde	-2615 Apr 29 j 11:37	3°♉42'58	
desc. node	-2615 Apr 29 j 20:45	3°♉42'39	
evening set	-2615 May 03 j 08:52	3°♉09'46	
	-2615 May 10 j 05:15	30°℞♈	
min. Earth dist.	-2615 May 10 j 07:21	29°♈56'55	0.56046 AU
inferior conj	-2615 May 12 j 09:52	28°♈41'12	-3°-11'-44
minimum elong	-2615 May 12 j 03:29	28°♈50'49	3°10'06
morning rise	-2615 May 21 j 01:39	24°♈42'58	
direct	-2615 May 23 j 15:16	24°♈26'27	
morning max el	-2615 Jun 02 j 21:27	29°♈11'37	20°06'13
	-2615 Jun 03 j 17:31	0°♉	
asc. node	-2615 Jun 15 j 08:27	16°♉56'57	
morning set	-2615 Jun 21 j 01:06	28°♉03'04	
	-2615 Jun 22 j 00:08	0°♊	
superior conj	-2615 Jun 28 j 21:33	14°♊01'57	1°43'05
minimum elong	-2615 Jun 28 j 19:46	13°♊52'58	1°43'03
max. Earth dist.	-2615 Jul 04 j 03:42	24°♊20'21	1.36681 AU
	-2615 Jul 07 j 04:02	0°♋	
evening rise	-2615 Jul 08 j 03:42	1°♋48'35	
	-2615 Jul 25 j 05:48	0°♌	
desc. node	-2615 Jul 26 j 19:58	2°♌19'51	
evening max el	-2615 Aug 12 j 23:06	23°♌42'14	25°49'52
	-2615 Aug 21 j 15:07	0°♍	
retrograde	-2615 Aug 25 j 07:09	0°♍46'26	
	-2615 Aug 28 j 16:54	30°℞♌	
evening set	-2615 Aug 31 j 10:51	28°♌10'28	
min. Earth dist.	-2615 Sep 04 j 18:10	23°♌27'17	0.66655 AU
inferior conj	-2615 Sep 05 j 23:43	21°♌53'22	-1°-46'-14
minimum elong	-2615 Sep 06 j 02:15	21°♌45'19	1°45'13
asc. node	-2615 Sep 11 j 07:35	16°♌14'16	
morning rise	-2615 Sep 11 j 18:23	15°♌56'30	
direct	-2615 Sep 14 j 23:29	14°♌56'57	
morning max el	-2615 Sep 22 j 01:08	18°♌57'21	19°13'02
	-2615 Sep 30 j 14:20	0°♍	
morning set	-2615 Oct 15 j 00:41	22°♍13'32	
	-2615 Oct 19 j 23:49	0°♎	
desc. node	-2615 Oct 22 j 19:27	4°♎25'02	
max. Earth dist.	-2615 Oct 29 j 08:23	14°♎42'06	1.44651 AU
superior conj	-2615 Oct 31 j 17:22	18°♎27'33	0°-55'-9
minimum elong	-2615 Oct 31 j 10:50	18°♎01'38	0°54'24
	-2615 Nov 07 j 22:35	0°♏	
evening rise	-2615 Nov 15 j 15:28	12°♏33'32	
	-2615 Nov 26 j 07:50	0°♐	
evening max el	-2615 Dec 05 j 10:15	12°♐27'19	18°33'50
asc. node	-2615 Dec 08 j 06:43	14°♐52'24	
retrograde	-2615 Dec 12 j 01:34	16°♐08'50	
evening set	-2615 Dec 15 j 00:46	15°♐19'44	
inferior conj	-2615 Dec 20 j 23:50	9°♐42'16	3°28'50
minimum elong	-2615 Dec 20 j 21:02	9°♐50'33	3°28'13
min. Earth dist.	-2615 Dec 22 j 22:59	7°♐23'27	0.64587 AU
morning rise	-2615 Dec 26 j 16:03	3°♐36'21	
direct	-2614 Jan 02 j 11:35	0°♐45'35	
morning max el	-2614 Jan 15 j 21:02	8°♐28'18	27°15'18
desc. node	-2614 Jan 18 j 18:50	11°♐32'31	
	-2614 Feb 01 j 16:46	0°♑	
	-2614 Feb 19 j 04:44	0°♒	
morning set	-2614 Feb 20 j 04:55	1°♒57'05	
max. Earth dist.	-2614 Feb 25 j 00:15	11°♒34'46	1.33887 AU
superior conj	-2614 Feb 28 j 08:01	18°♒30'24	0°-58'-36
minimum elong	-2614 Feb 28 j 10:36	18°♒44'04	0°58'11
	-2614 Mar 05 j 17:53	0°♓	
asc. node	-2614 Mar 06 j 06:06	1°♓04'38	
evening rise	-2614 Mar 07 j 16:29	4°♓05'18	
	-2614 Mar 22 j 03:14	0°♈	
evening max el	-2614 Mar 28 j 14:55	7°♈38'57	22°02'04
retrograde	-2614 Apr 10 j 06:02	13°♈48'00	
evening set	-2614 Apr 13 j 00:26	13°♈30'59	
desc. node	-2614 Apr 16 j 17:50	12°♈19'44	
inferior conj	-2614 Apr 22 j 09:04	9°♈24'54	-1°-33'-30
minimum elong	-2614 Apr 22 j 04:50	9°♈30'52	1°32'05
min. Earth dist.	-2614 Apr 21 j 21:00	9°♈41'55	0.55184 AU
morning rise	-2614 May 01 j 10:40	5°♈27'47	
direct	-2614 May 04 j 05:34	5°♈10'24	
morning max el	-2614 May 16 j 04:16	10°♈47'29	21°28'10
	-2614 May 29 j 20:37	0°♉	
asc. node	-2614 Jun 02 j 05:31	6°♉25'29	
morning set	-2614 Jun 05 j 09:27	12°♉49'55	
superior conj	-2614 Jun 12 j 20:04	28°♉23'47	1°31'14
minimum elong	-2614 Jun 12 j 17:34	28°♉10'44	1°31'01
	-2614 Jun 13 j 14:39	0°♊	
max. Earth dist.	-2614 Jun 16 j 15:46	6°♊12'51	1.35112 AU
evening rise	-2614 Jun 21 j 04:23	15°♊05'07	
	-2614 Jun 29 j 10:23	0°♋	
desc. node	-2614 Jul 13 j 16:58	22°♋02'21	
	-2614 Jul 19 j 20:29	0°♌	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening max el	-2614 Jul 26 j 10:27	7°♌12'35	26°46'08
retrograde	-2614 Aug 08 j 11:15	14°♌30'31	
evening set	-2614 Aug 15 j 03:59	11°♌45'04	
min. Earth dist.	-2614 Aug 19 j 03:29	7°♌40'12	0.65720 AU
inferior conj	-2614 Aug 20 j 21:36	5°♌35'17	-2°-37'-31
minimum elong	-2614 Aug 21 j 01:11	5°♌24'39	2°36'15
morning rise	-2614 Aug 26 j 23:33	29°♋51'04	
	-2614 Aug 26 j 17:07	30°℞♋	
asc. node	-2614 Aug 29 j 04:41	29°♋07'12	
direct	-2614 Aug 29 j 20:44	29°♋04'42	
	-2614 Sep 02 j 01:56	0°♌	
morning max el	-2614 Sep 05 j 12:28	2°♌44'52	18°29'42
	-2614 Sep 23 j 23:33	0°♍	
morning set	-2614 Sep 25 j 07:16	2°♍08'30	
desc. node	-2614 Oct 09 j 16:26	25°♍08'26	
superior conj	-2614 Oct 10 j 17:04	26°♍45'37	0°-6'-35
minimum elong	-2614 Oct 10 j 16:11	26°♍42'10	0°06'29
behind sun begin	-2614 Oct 10 j 05:43	26°♍00'50	
behind sun end	-2614 Oct 11 j 02:40	27°♍23'29	
max. Earth dist.	-2614 Oct 12 j 02:18	28°♍56'33	1.44890 AU
	-2614 Oct 12 j 18:25	0°♎	
evening rise	-2614 Oct 27 j 01:53	22°♎31'09	
	-2614 Oct 31 j 19:36	0°♏	
greatest brilliancy	-2614 Nov 08 j 00:57	11°♏16'38	-0.7m
evening max el	-2614 Nov 18 j 19:53	25°♏53'12	19°12'58
asc. node	-2614 Nov 25 j 03:46	29°♏53'03	
retrograde	-2614 Nov 25 j 21:01	29°♏55'59	
evening set	-2614 Nov 29 j 02:38	28°♏55'11	
inferior conj	-2614 Dec 04 j 19:35	23°♏02'06	2°54'24
minimum elong	-2614 Dec 04 j 16:33	23°♏11'44	2°53'29
min. Earth dist.	-2614 Dec 06 j 04:26	21°♏17'47	0.65838 AU
morning rise	-2614 Dec 10 j 05:35	16°♏50'08	
direct	-2614 Dec 16 j 14:01	14°♏04'19	
morning max el	-2614 Dec 29 j 06:39	21°♏31'51	26°19'10
desc. node	-2613 Jan 05 j 15:52	29°♏56'54	
	-2613 Jan 05 j 16:51	0°♐	
	-2613 Jan 25 j 21:17	0°♑	
morning set	-2613 Feb 03 j 08:46	15°♑06'06	
max. Earth dist.	-2613 Feb 07 j 11:59	23°♑01'27	1.35196 AU
	-2613 Feb 10 j 23:57	0°♒	
superior conj	-2613 Feb 12 j 06:26	2°♒35'05	-1°-21'-41
minimum elong	-2613 Feb 12 j 09:43	2°♒51'53	1°21'19
evening rise	-2613 Feb 20 j 00:29	18°♒37'57	
asc. node	-2613 Feb 21 j 03:06	20°♒54'03	
	-2613 Feb 25 j 18:26	0°♓	
evening max el	-2613 Mar 10 j 18:05	18°♓48'20	20°38'12
retrograde	-2613 Mar 21 j 19:28	24°♓05'08	
evening set	-2613 Mar 24 j 02:04	23°♓52'38	
inferior conj	-2613 Apr 02 j 04:18	19°♓55'12	0°24'13
minimum elong	-2613 Apr 02 j 05:24	19°♓53'36	0°23'48
min. Earth dist.	-2613 Apr 03 j 11:06	19°♓10'40	0.55253 AU
desc. node	-2613 Apr 03 j 14:55	19°♓05'11	
morning rise	-2613 Apr 11 j 06:59	15°♓40'29	
direct	-2613 Apr 14 j 17:36	15°♓14'42	
morning max el	-2613 Apr 28 j 01:07	21°♓43'46	23°03'59
	-2613 May 05 j 04:12	0°♈	
asc. node	-2613 May 20 j 02:33	26°♈12'57	
morning set	-2613 May 20 j 20:33	27°♈46'38	
	-2613 May 21 j 21:56	0°♉	
superior conj	-2613 May 28 j 01:04	13°♉05'49	1°14'33
minimum elong	-2613 May 27 j 22:29	12°♉52'04	1°14'13
max. Earth dist.	-2613 May 30 j 13:41	18°♉26'23	1.33913 AU
evening rise	-2613 Jun 04 j 18:19	29°♉02'22	
	-2613 Jun 05 j 06:01	0°♊	
	-2613 Jun 22 j 13:23	0°♋	
desc. node	-2613 Jun 30 j 14:00	11°♋09'06	
evening max el	-2613 Jul 08 j 21:46	20°♋30'54	27°19'19
retrograde	-2613 Jul 22 j 09:52	27°♋53'22	
evening set	-2613 Jul 29 j 11:33	25°♋08'39	
min. Earth dist.	-2613 Aug 02 j 04:38	21°♋40'21	0.64406 AU
inferior conj	-2613 Aug 04 j 12:16	19°♋09'36	-3°-23'-50
minimum elong	-2613 Aug 04 j 16:23	18°♋58'26	3°22'41
morning rise	-2613 Aug 10 j 22:53	13°♋41'10	
direct	-2613 Aug 13 j 14:37	13°♋04'37	
asc. node	-2613 Aug 16 j 01:46	13°♋36'06	
morning max el	-2613 Aug 20 j 02:59	16°♋32'53	18°03'26
	-2613 Aug 29 j 18:15	0°♌	
morning set	-2613 Sep 06 j 17:30	13°♌23'43	
	-2613 Sep 16 j 16:02	0°♍	
superior conj	-2613 Sep 20 j 03:12	5°♍38'24	0°40'42
minimum elong	-2613 Sep 20 j 07:39	5°♍56'20	0°40'09
max. Earth dist.	-2613 Sep 24 j 19:48	13°♍09'20	1.44404 AU
desc. node	-2613 Sep 26 j 13:24	15°♍54'08	
	-2613 Oct 05 j 13:59	0°♎	
evening rise	-2613 Oct 06 j 14:52	1°♎36'12	
	-2613 Oct 25 j 13:10	0°♏	
greatest brilliancy	-2613 Oct 26 j 02:57	0°♏47'47	-0.6m
evening max el	-2613 Nov 02 j 00:59	9°♏20'35	20°07'39
retrograde	-2613 Nov 09 j 18:15	13°♏52'15	
asc. node	-2613 Nov 12 j 00:50	13°♏22'22	
evening set	-2613 Nov 13 j 08:26	12°♏37'14	
inferior conj	-2613 Nov 18 j 21:05	6°♏31'45	2°12'00
minimum elong	-2613 Nov 18 j 18:26	6°♏40'36	2°11'02
min. Earth dist.	-2613 Nov 19 j 17:07	5°♏24'49	0.66726 AU
morning rise	-2613 Nov 24 j 03:50	0°♏16'17	
	-2613 Nov 24 j 11:22	30°℞♎	
direct	-2613 Nov 29 j 21:59	27°♎45'18	
	-2613 Dec 06 j 02:07	0°♏	
morning max el	-2613 Dec 11 j 15:15	4°♏43'29	25°03'20
desc. node	-2613 Dec 23 j 12:52	19°♏07'24	
	-2613 Dec 31 j 03:04	0°♐	
morning set	-2612 Jan 16 j 18:52	27°♐17'31	
	-2612 Jan 18 j 07:00	0°♑	
max. Earth dist.	-2612 Jan 20 j 12:39	4°♑06'00	1.36938 AU
superior conj	-2612 Jan 26 j 19:26	16°♑07'00	-1°-40'-58
minimum elong	-2612 Jan 26 j 22:41	16°♑23'00	1°40'45
	-2612 Feb 02 j 17:49	0°♒	
evening rise	-2612 Feb 04 j 03:35	2°♒49'52	
asc. node	-2612 Feb 08 j 00:07	10°♒25'45	
	-2612 Feb 20 j 18:13	0°♓	
evening max el	-2612 Feb 21 j 08:05	0°♓34'06	19°30'59
retrograde	-2612 Mar 01 j 16:40	5°♓01'35	
evening set	-2612 Mar 03 j 23:08	4°♓47'03	
inferior conj	-2612 Mar 12 j 09:44	0°♓41'30	2°08'22
minimum elong	-2612 Mar 12 j 14:17	0°♓34'08	2°07'00
	-2612 Mar 13 j 11:22	30°℞♒	
min. Earth dist.	-2612 Mar 15 j 01:44	28°♒58'44	0.56237 AU
desc. node	-2612 Mar 20 j 11:59	26°♒09'42	
morning rise	-2612 Mar 21 j 01:49	25°♒57'25	
direct	-2612 Mar 25 j 14:57	25°♒10'39	
	-2612 Apr 06 j 01:55	0°♓	
morning max el	-2612 Apr 08 j 16:15	2°♓17'38	24°43'22
	-2612 Apr 27 j 23:01	0°♈	
morning set	-2612 May 04 j 08:41	12°♈47'38	
asc. node	-2612 May 05 j 23:34	16°♈13'42	
superior conj	-2612 May 11 j 10:09	28°♈00'20	0°54'18
minimum elong	-2612 May 11 j 08:00	27°♈48'41	0°53'55
	-2612 May 12 j 08:15	0°♉	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2612 May 12 j 20:10	1°♉04'22	1.33090 AU
evening rise	-2612 May 18 j 17:37	13°♉28'14	
	-2612 May 27 j 09:18	0°♊	
desc. node	-2612 Jun 16 j 11:03	29°♊24'45	
	-2612 Jun 16 j 23:44	0°♋	
evening max el	-2612 Jun 20 j 07:04	3°♋24'13	27°23'03
retrograde	-2612 Jul 04 j 02:07	10°♋45'35	
evening set	-2612 Jul 11 j 05:57	8°♋14'40	
min. Earth dist.	-2612 Jul 14 j 19:57	5°♋16'20	0.62735 AU
inferior conj	-2612 Jul 17 j 16:50	2°♋29'26	-4°-1'-27
minimum elong	-2612 Jul 17 j 20:31	2°♋20'28	4°00'45
	-2612 Jul 20 j 09:24	30°℞♊	
morning rise	-2612 Jul 24 j 13:23	27°♊20'04	
direct	-2612 Jul 27 j 02:04	26°♊50'34	
asc. node	-2612 Aug 01 j 22:50	29°♊30'26	
	-2612 Aug 02 j 11:43	0°♋	
morning max el	-2612 Aug 02 j 18:00	0°♋15'11	17°55'12
morning set	-2612 Aug 19 j 02:40	25°♋44'32	
	-2612 Aug 21 j 12:13	0°♌	
superior conj	-2612 Aug 30 j 14:41	15°♌46'36	1°16'44
minimum elong	-2612 Aug 30 j 20:05	16°♌09'26	1°16'13
max. Earth dist.	-2612 Sep 06 j 10:19	27°♌03'35	1.43260 AU
	-2612 Sep 08 j 06:02	0°♍	
desc. node	-2612 Sep 12 j 10:24	6°♍38'39	
evening rise	-2612 Sep 14 j 19:57	10°♍23'39	
	-2612 Sep 27 j 18:56	0°♎	
greatest brilliancy	-2612 Oct 09 j 18:15	16°♎41'12	-0.4m
evening max el	-2612 Oct 15 j 00:15	22°♎47'30	21°15'16
retrograde	-2612 Oct 23 j 15:10	27°♎54'14	
evening set	-2612 Oct 27 j 16:08	26°♎22'31	
asc. node	-2612 Oct 28 j 21:54	25°♎17'20	
inferior conj	-2612 Nov 02 j 02:05	20°♎07'56	1°24'02
minimum elong	-2612 Nov 02 j 00:15	20°♎14'15	1°23'17
min. Earth dist.	-2612 Nov 02 j 10:42	19°♎38'23	0.67273 AU
morning rise	-2612 Nov 07 j 08:02	13°♎51'26	
direct	-2612 Nov 12 j 10:45	11°♎41'00	
morning max el	-2612 Nov 23 j 00:05	17°♎58'35	23°37'42
	-2612 Dec 03 j 01:09	0°♏	
desc. node	-2612 Dec 09 j 09:52	8°♏50'10	
	-2612 Dec 23 j 05:44	0°♐	
morning set	-2612 Dec 28 j 05:01	8°♐14'14	
max. Earth dist.	-2611 Jan 01 j 08:17	15°♐22'32	1.38971 AU
superior conj	-2611 Jan 08 j 19:05	28°♐54'54	-1°-53'-54
minimum elong	-2611 Jan 08 j 21:05	29°♐04'19	1°53'54
	-2611 Jan 09 j 08:56	0°♑	
evening rise	-2611 Jan 17 j 23:14	16°♑33'55	
asc. node	-2611 Jan 24 j 21:08	29°♑33'08	
	-2611 Jan 25 j 03:15	0°♒	
evening max el	-2611 Feb 03 j 07:47	12°♒54'11	18°43'18
retrograde	-2611 Feb 11 j 07:28	16°♒46'23	
evening set	-2611 Feb 13 j 17:11	16°♒26'40	
inferior conj	-2611 Feb 21 j 10:15	12°♒02'50	3°18'18
minimum elong	-2611 Feb 21 j 14:23	11°♒55'02	3°17'27
min. Earth dist.	-2611 Feb 24 j 18:11	9°♒34'05	0.57892 AU
morning rise	-2611 Mar 01 j 07:48	6°♒49'18	
direct	-2611 Mar 07 j 01:09	5°♒28'46	
desc. node	-2611 Mar 07 j 09:02	5°♒29'02	
morning max el	-2611 Mar 21 j 08:08	12°♒57'45	26°11'46
	-2611 Apr 03 j 17:09	0°♓	
morning set	-2611 Apr 18 j 20:12	27°♓47'20	
	-2611 Apr 19 j 21:22	0°♈	
asc. node	-2611 Apr 22 j 20:36	6°♈23'03	
superior conj	-2611 Apr 25 j 21:26	13°♈00'58	0°31'26
minimum elong	-2611 Apr 25 j 20:05	12°♈53'35	0°31'10

max. Earth dist.	-2611 Apr 26 j 08:03	13°♈59'09	1.32619 AU
evening rise	-2611 May 02 j 23:15	28°♈12'57	
	-2611 May 03 j 19:59	0°♉	
	-2611 May 20 j 18:06	0°♊	
evening max el	-2611 Jun 02 j 11:39	15°♊40'19	26°53'57
desc. node	-2611 Jun 03 j 08:06	16°♊28'02	
retrograde	-2611 Jun 16 j 11:07	22°♊59'12	
evening set	-2611 Jun 23 j 07:00	20°♊55'36	
min. Earth dist.	-2611 Jun 27 j 01:10	18°♊14'23	0.60784 AU
inferior conj	-2611 Jun 30 j 08:00	15°♊26'58	-4°-24'-35
minimum elong	-2611 Jun 30 j 09:47	15°♊23'09	4°24'26
morning rise	-2611 Jul 07 j 15:37	10°♊39'26	
direct	-2611 Jul 10 j 03:11	10°♊15'04	
morning max el	-2611 Jul 17 j 06:44	13°♊45'35	18°05'55
asc. node	-2611 Jul 19 j 19:54	16°♊35'20	
	-2611 Jul 28 j 08:23	0°♋	
morning set	-2611 Aug 02 j 05:03	8°♋55'43	
superior conj	-2611 Aug 12 j 05:22	27°♋16'15	1°38'38
minimum elong	-2611 Aug 12 j 08:50	27°♋31'41	1°38'28
	-2611 Aug 13 j 18:25	0°♌	
max. Earth dist.	-2611 Aug 19 j 19:29	10°♌22'37	1.41607 AU
evening rise	-2611 Aug 25 j 12:25	19°♌44'25	
desc. node	-2611 Aug 30 j 07:25	27°♌18'56	
	-2611 Sep 01 j 01:05	0°♍	
	-2611 Sep 22 j 05:45	0°♎	
greatest brilliancy	-2611 Sep 22 j 22:57	0°♎52'44	-0.3m
evening max el	-2611 Sep 27 j 17:35	6°♎14'23	22°32'00
retrograde	-2611 Oct 07 j 10:11	11°♎59'53	
evening set	-2611 Oct 11 j 23:57	10°♎09'31	
asc. node	-2611 Oct 15 j 18:59	5°♎58'06	
inferior conj	-2611 Oct 17 j 08:45	3°♎49'21	0°32'24
minimum elong	-2611 Oct 17 j 08:00	3°♎51'57	0°32'04
min. Earth dist.	-2611 Oct 17 j 06:50	3°♎55'57	0.67499 AU
	-2611 Oct 20 j 06:29	30°℞♍	
morning rise	-2611 Oct 22 j 15:57	27°♍34'26	
direct	-2611 Oct 27 j 03:38	25°♍46'13	
	-2611 Nov 04 j 03:38	0°♎	
morning max el	-2611 Nov 05 j 12:15	1°♎19'07	22°11'34
greatest brilliancy	-2611 Nov 10 j 05:29	6°♎38'51	-0.4m
desc. node	-2611 Nov 26 j 06:54	28°♎56'15	
	-2611 Nov 26 j 23:56	0°♏	
morning set	-2611 Dec 08 j 10:31	17°♏47'17	
max. Earth dist.	-2611 Dec 14 j 06:32	27°♏23'04	1.41042 AU
	-2611 Dec 15 j 19:42	0°♐	
superior conj	-2611 Dec 22 j 00:21	10°♐46'05	-1°-57'-5
minimum elong	-2611 Dec 21 j 23:28	10°♐42'10	1°57'08
evening rise	-2610 Jan 01 j 08:20	29°♐43'02	
	-2610 Jan 01 j 11:58	0°♑	
asc. node	-2610 Jan 11 j 18:11	18°♑08'15	
evening max el	-2610 Jan 17 j 14:40	25°♑41'29	18°15'44
retrograde	-2610 Jan 24 j 16:44	29°♑14'11	
evening set	-2610 Jan 27 j 05:44	28°♑47'45	
inferior conj	-2610 Feb 03 j 07:23	24°♑02'26	3°52'25
minimum elong	-2610 Feb 03 j 09:05	23°♑58'44	3°52'13
min. Earth dist.	-2610 Feb 06 j 15:31	21°♑08'43	0.59888 AU
morning rise	-2610 Feb 10 j 09:17	18°♑26'32	
direct	-2610 Feb 16 j 23:32	16°♑27'24	
desc. node	-2610 Feb 22 j 06:06	17°♑38'29	
morning max el	-2610 Mar 03 j 05:21	24°♑08'29	27°14'39
	-2610 Mar 08 j 13:23	0°♒	
	-2610 Mar 27 j 20:10	0°♓	
morning set	-2610 Apr 03 j 05:19	12°♓38'30	
asc. node	-2610 Apr 09 j 17:37	26°♓35'54	
superior conj	-2610 Apr 10 j 09:08	28°♓00'52	0°06'49

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2610 Apr 10 j 08:50	27°♓59'11	0°06'45	
behind sun begin	-2610 Apr 10 j 04:16	27°♓34'14		
behind sun end	-2610 Apr 10 j 13:23	28°♓24'10		
max. Earth dist.	-2610 Apr 09 j 21:21	26°♓56'25	1.32492 AU	
	-2610 Apr 11 j 06:53	0°♈		
evening rise	-2610 Apr 17 j 08:46	13°♈07'21		
	-2610 Apr 25 j 23:15	0°♉		
evening max el	-2610 May 15 j 09:37	27°♉12'04	25°53'30	
	-2610 May 18 j 14:58	0°♊		
desc. node	-2610 May 21 j 05:11	1°♊48'28		
retrograde	-2610 May 29 j 11:29	4°♊26'56		
evening set	-2610 Jun 04 j 10:46	3°♊00'42		
min. Earth dist.	-2610 Jun 08 j 22:04	0°♊18'59	0.58734 AU	
	-2610 Jun 09 j 08:43	30°℞♉		
inferior conj	-2610 Jun 12 j 06:01	27°♉51'45	-4°-24'-37	
minimum elong	-2610 Jun 12 j 04:20	27°♉54'53	4°24'30	
morning rise	-2610 Jun 20 j 01:45	23°♉26'51		
direct	-2610 Jun 22 j 13:22	23°♉06'28		
morning max el	-2610 Jun 30 j 14:14	26°♉54'53	18°36'27	
	-2610 Jul 03 j 09:53	0°♊		
asc. node	-2610 Jul 06 j 16:58	4°♊35'05		
morning set	-2610 Jul 16 j 19:54	22°♊44'05		
	-2610 Jul 20 j 13:54	0°♋		
superior conj	-2610 Jul 25 j 18:19	9°♋52'50	1°47'53	
minimum elong	-2610 Jul 25 j 19:17	9°♋57'18	1°47'56	
max. Earth dist.	-2610 Aug 01 j 22:56	22°♋55'35	1.39671 AU	
evening rise	-2610 Aug 06 j 04:37	0°♌12'37		
	-2610 Aug 06 j 01:37	0°♌		
desc. node	-2610 Aug 17 j 04:28	17°♌50'29		
	-2610 Aug 25 j 10:58	0°♍		
evening max el	-2610 Sep 10 j 06:29	19°♍42'50	23°52'37	
retrograde	-2610 Sep 21 j 02:07	26°♍05'33		
evening set	-2610 Sep 26 j 06:10	23°♍56'04		
min. Earth dist.	-2610 Oct 01 j 03:08	18°♍15'23	0.67414 AU	
inferior conj	-2610 Oct 01 j 15:17	17°♍34'02	0°-21'-18	
minimum elong	-2610 Oct 01 j 15:48	17°♍32'18	0°21'05	
asc. node	-2610 Oct 02 j 16:04	16°♍10'26		
morning rise	-2610 Oct 07 j 01:36	11°♍23'33		
direct	-2610 Oct 10 j 23:43	9°♍56'26		
morning max el	-2610 Oct 19 j 06:33	14°♍47'36	20°52'24	
greatest brilliancy	-2610 Oct 25 j 02:18	21°♍38'51	-0.5m	
	-2610 Oct 31 j 04:23	0°♎		
desc. node	-2610 Nov 13 j 03:56	19°♎18'55		
morning set	-2610 Nov 17 j 15:07	26°♎13'05		
	-2610 Nov 20 j 01:03	0°♏		
max. Earth dist.	-2610 Nov 26 j 11:28	10°♏17'01	1.42858 AU	
superior conj	-2610 Dec 03 j 05:40	21°♏27'39	-1°-46'-25	
minimum elong	-2610 Dec 03 j 00:42	21°♏06'41	1°46'10	
	-2610 Dec 08 j 05:29	0°♐		
evening rise	-2610 Dec 15 j 03:03	12°♐09'09		
	-2610 Dec 25 j 11:00	0°♑		
asc. node	-2610 Dec 29 j 15:14	6°♑01'14		
evening max el	-2609 Jan 01 j 01:53	8°♑48'20	18°07'56	
retrograde	-2609 Jan 07 j 16:50	12°♑15'18		
evening set	-2609 Jan 10 j 09:08	11°♑41'06		
inferior conj	-2609 Jan 16 j 22:23	6°♑34'21	3°58'09	
minimum elong	-2609 Jan 16 j 21:38	6°♑36'12	3°58'03	
min. Earth dist.	-2609 Jan 19 j 20:40	3°♑39'43	0.61904 AU	
morning rise	-2609 Jan 23 j 07:51	0°♑43'30		
	-2609 Jan 24 j 10:14	30°℞♐		
direct	-2609 Jan 30 j 08:03	28°♐12'43		
	-2609 Feb 05 j 15:39	0°♑		
desc. node	-2609 Feb 09 j 03:10	2°♑16'38		
morning max el	-2609 Feb 13 j 08:44	5°♑59'35	27°42'57	
	-2609 Mar 03 j 12:18	0°♒		

morning set	-2609 Mar 18 j 10:03	27°♒13'55		
	-2609 Mar 19 j 18:22	0°♓		
max. Earth dist.	-2609 Mar 24 j 08:15	9°♓42'29	1.32723 AU	
superior conj	-2609 Mar 25 j 19:39	12°♓54'14	0°-18'-44	
minimum elong	-2609 Mar 25 j 20:31	12°♓58'54	0°18'35	
asc. node	-2609 Mar 27 j 14:39	16°♓48'13		
evening rise	-2609 Apr 01 j 20:14	28°♓04'28		
	-2609 Apr 02 j 18:16	0°♈		
	-2609 Apr 20 j 00:53	0°♉		
evening max el	-2609 Apr 27 j 02:15	8°♉07'24	24°29'36	
desc. node	-2609 May 08 j 02:13	14°♉49'41		
retrograde	-2609 May 11 j 00:56	15°♉09'41		
evening set	-2609 May 15 j 16:55	14°♉20'37		
min. Earth dist.	-2609 May 21 j 14:06	11°♉22'15	0.56884 AU	
inferior conj	-2609 May 24 j 08:12	9°♉36'09	-3°-50'-28	
minimum elong	-2609 May 24 j 02:48	9°♉44'53	3°49'26	
morning rise	-2609 Jun 01 j 16:44	5°♉30'17		
direct	-2609 Jun 04 j 05:03	5°♉12'53		
morning max el	-2609 Jun 13 j 13:37	9°♉33'40	19°27'32	
asc. node	-2609 Jun 23 j 14:02	23°♉17'07		
	-2609 Jun 27 j 05:48	0°♊		
morning set	-2609 Jun 30 j 19:37	7°♊00'43		
superior conj	-2609 Jul 08 j 23:51	23°♊20'24	1°47'07	
minimum elong	-2609 Jul 08 j 22:50	23°♊15'24	1°47'09	
	-2609 Jul 12 j 10:35	0°♋		
max. Earth dist.	-2609 Jul 15 j 01:01	4°♋52'45	1.37720 AU	
evening rise	-2609 Jul 18 j 22:16	11°♋55'13		
	-2609 Jul 29 j 17:46	0°♌		
desc. node	-2609 Aug 04 j 01:29	8°♌08'18		
	-2609 Aug 20 j 15:17	0°♍		
evening max el	-2609 Aug 23 j 17:34	3°♍14'43	25°10'04	
retrograde	-2609 Sep 04 j 13:52	10°♍06'55		
evening set	-2609 Sep 10 j 08:56	7°♍39'45		
min. Earth dist.	-2609 Sep 14 j 21:06	2°♍34'40	0.67021 AU	
inferior conj	-2609 Sep 15 j 19:56	1°♍19'44	-1°-15'-31	
minimum elong	-2609 Sep 15 j 21:45	1°♍13'47	1°14'45	
	-2609 Sep 16 j 20:29	30°℞♌		
asc. node	-2609 Sep 19 j 13:09	26°♌52'41		
morning rise	-2609 Sep 21 j 11:04	25°♌16'44		
direct	-2609 Sep 24 j 21:43	24°♌08'01		
morning max el	-2609 Oct 02 j 08:10	28°♌24'36	19°45'05	
	-2609 Oct 03 j 19:35	0°♍		
greatest brilliancy	-2609 Oct 10 j 10:39	8°♍36'45	-0.6m	
	-2609 Oct 24 j 16:08	0°♎		
morning set	-2609 Oct 27 j 13:19	4°♎27'31		
desc. node	-2609 Oct 31 j 00:57	9°♎52'33		
max. Earth dist.	-2609 Nov 08 j 23:28	23°♎56'00	1.44180 AU	
	-2609 Nov 12 j 18:31	0°♏		
superior conj	-2609 Nov 13 j 07:37	0°♏52'44	-1°-18'-41	
minimum elong	-2609 Nov 13 j 00:08	0°♏22'35	1°17'57	
evening rise	-2609 Nov 27 j 02:47	23°♏42'29		
	-2609 Nov 30 j 19:54	0°♐		
evening max el	-2609 Dec 15 j 14:33	22°♐06'42	18°19'11	
asc. node	-2609 Dec 16 j 12:18	22°♐58'57		
retrograde	-2609 Dec 22 j 03:21	25°♐39'39		
evening set	-2609 Dec 24 j 23:43	24°♐56'24		
inferior conj	-2609 Dec 31 j 03:17	19°♐29'37	3°43'44	
minimum elong	-2609 Dec 31 j 00:57	19°♐36'07	3°43'20	
min. Earth dist.	-2608 Jan 02 j 11:10	16°♐53'59	0.63708 AU	
morning rise	-2608 Jan 06 j 00:39	13°♐28'33		
direct	-2608 Jan 13 j 00:23	10°♐40'32		
morning max el	-2608 Jan 26 j 16:24	18°♐26'42	27°34'56	
desc. node	-2608 Jan 27 j 00:14	18°♐46'15		
	-2608 Feb 05 j 11:38	0°♑		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2608 Feb 24 j 08:31	0°♒		
morning set	-2608 Mar 01 j 07:50	11°♒24'16		
max. Earth dist.	-2608 Mar 06 j 12:45	22°♒03'18	1.33345 AU	
superior conj	-2608 Mar 09 j 03:10	27°♒34'11	0°-44'-18	
minimum elong	-2608 Mar 09 j 05:10	27°♒44'55	0°43'57	
	-2608 Mar 10 j 06:23	0°♓		
asc. node	-2608 Mar 13 j 11:40	6°♓55'12		
evening rise	-2608 Mar 16 j 07:48	12°♓57'08		
	-2608 Mar 25 j 01:34	0°♈		
evening max el	-2608 Apr 07 j 18:16	18°♈47'46	22°55'21	
retrograde	-2608 Apr 21 j 01:13	25°♈20'47		
desc. node	-2608 Apr 23 j 23:15	25°♈02'05		
evening set	-2608 Apr 24 j 09:20	24°♈56'26		
min. Earth dist.	-2608 May 02 j 04:04	21°♈29'57	0.55578 AU	
inferior conj	-2608 May 03 j 15:22	20°♈38'55	-2°-34'-17	
minimum elong	-2608 May 03 j 09:16	20°♈47'46	2°32'28	
morning rise	-2608 May 12 j 11:55	16°♈42'50		
direct	-2608 May 15 j 03:00	16°♈26'26		
morning max el	-2608 May 26 j 02:35	21°♈33'13	20°38'53	
	-2608 Jun 02 j 02:44	0°♉		
asc. node	-2608 Jun 09 j 11:06	12°♉31'13		
morning set	-2608 Jun 14 j 01:29	21°♉38'41		
	-2608 Jun 18 j 02:39	0°♊		
superior conj	-2608 Jun 21 j 17:14	7°♊25'36	1°38'44	
minimum elong	-2608 Jun 21 j 15:03	7°♊14'27	1°38'37	
max. Earth dist.	-2608 Jun 26 j 08:20	16°♊40'52	1.35974 AU	
evening rise	-2608 Jun 30 j 13:10	24°♊41'58		
	-2608 Jul 03 j 10:45	0°♋		
desc. node	-2608 Jul 20 j 22:29	28°♋06'13		
	-2608 Jul 22 j 06:48	0°♌		
evening max el	-2608 Aug 05 j 04:50	16°♌48'28	26°16'21	
retrograde	-2608 Aug 17 j 20:44	23°♌59'18		
evening set	-2608 Aug 24 j 06:14	21°♌18'40		
min. Earth dist.	-2608 Aug 28 j 10:15	16°♌51'31	0.66297 AU	
inferior conj	-2608 Aug 29 j 20:53	15°♌04'22	-2°-8'-27	
minimum elong	-2608 Aug 29 j 23:54	14°♌55'01	2°07'17	
morning rise	-2608 Sep 04 j 18:26	9°♌12'14		
asc. node	-2608 Sep 05 j 10:15	8°♌51'39		
direct	-2608 Sep 07 j 19:56	8°♌18'33		
morning max el	-2608 Sep 14 j 16:28	12°♌09'15	18°52'35	
	-2608 Sep 27 j 13:37	0°♍		
morning set	-2608 Oct 06 j 04:31	13°♍37'10		
desc. node	-2608 Oct 16 j 21:58	0°♎33'34		
	-2608 Oct 16 j 13:26	0°♎		
max. Earth dist.	-2608 Oct 21 j 16:33	8°♎04'37	1.44844 AU	
superior conj	-2608 Oct 22 j 11:47	9°♎20'24	0°-35'-16	
minimum elong	-2608 Oct 22 j 07:14	9°♎02'26	0°34'42	
	-2608 Nov 04 j 11:47	0°♏		
evening rise	-2608 Nov 07 j 03:24	4°♏16'02		
	-2608 Nov 23 j 13:49	0°♐		
evening max el	-2608 Nov 28 j 02:00	5°♐31'14	18°48'28	
asc. node	-2608 Dec 02 j 09:20	8°♐46'58		
retrograde	-2608 Dec 04 j 20:29	9°♐20'20		
evening set	-2608 Dec 07 j 22:17	8°♐26'22		
inferior conj	-2608 Dec 13 j 18:30	2°♐41'55	3°15'22	
minimum elong	-2608 Dec 13 j 15:30	2°♐51'03	3°14'36	
min. Earth dist.	-2608 Dec 15 j 11:22	0°♐37'22	0.65171 AU	
	-2608 Dec 15 j 23:57	30°℞♏		
morning rise	-2608 Dec 19 j 07:42	26°♏33'26		
direct	-2608 Dec 25 j 23:11	23°♏43'23		
	-2607 Jan 06 j 16:41	0°♐		
morning max el	-2607 Jan 08 j 01:55	1°♐20'15	26°54'24	
desc. node	-2607 Jan 12 j 21:18	6°♐35'49		
	-2607 Jan 29 j 13:39	0°♑		

morning set	-2607 Feb 12 j 19:27	24°♑59'18		
	-2607 Feb 15 j 09:13	0°♒		
max. Earth dist.	-2607 Feb 17 j 07:28	3°♒50'54	1.34397 AU	
superior conj	-2607 Feb 21 j 05:37	11°♒54'03	-1°-8'-43	
minimum elong	-2607 Feb 21 j 08:34	12°♒09'25	1°08'18	
asc. node	-2607 Feb 28 j 08:41	26°♒52'34		
evening rise	-2607 Feb 28 j 17:40	27°♒39'17		
	-2607 Mar 01 j 20:56	0°♓		
evening max el	-2607 Mar 20 j 15:56	29°♓40'15	21°24'33	
	-2607 Mar 21 j 00:18	0°♈		
retrograde	-2607 Apr 01 j 15:40	5°♈27'18		
evening set	-2607 Apr 04 j 03:31	5°♈13'08		
desc. node	-2607 Apr 10 j 20:19	2°♈39'22		
inferior conj	-2607 Apr 13 j 11:03	1°♈13'03	0°-43'-57	
minimum elong	-2607 Apr 13 j 08:59	1°♈15'57	0°43'14	
min. Earth dist.	-2607 Apr 13 j 17:33	1°♈03'54	0.55103 AU	
	-2607 Apr 15 j 15:40	30°℞♓		
morning rise	-2607 Apr 22 j 14:32	27°♓10'54		
direct	-2607 Apr 25 j 14:54	26°♓51'02		
	-2607 May 04 j 16:53	0°♈		
morning max el	-2607 May 08 j 04:40	2°♈50'32	22°07'44	
	-2607 May 26 j 06:25	0°♉		
asc. node	-2607 May 27 j 08:07	2°♉08'41		
morning set	-2607 May 29 j 11:14	6°♉30'44		
superior conj	-2607 Jun 05 j 18:49	21°♉57'02	1°24'39	
minimum elong	-2607 Jun 05 j 16:13	21°♉43'18	1°24'23	
max. Earth dist.	-2607 Jun 09 j 00:54	28°♉42'40	1.34558 AU	
	-2607 Jun 09 j 16:02	0°♊		
evening rise	-2607 Jun 13 j 20:01	8°♊17'25		
	-2607 Jun 25 j 23:46	0°♋		
desc. node	-2607 Jul 07 j 19:29	17°♋35'03		
	-2607 Jul 18 j 10:04	0°♌		
evening max el	-2607 Jul 18 j 16:25	0°♌15'24	27°03'31	
retrograde	-2607 Jul 31 j 22:17	7°♌35'21		
evening set	-2607 Aug 07 j 19:37	4°♌48'48		
min. Earth dist.	-2607 Aug 11 j 16:12	1°♌00'06	0.65210 AU	
	-2607 Aug 12 j 13:22	30°℞♋		
inferior conj	-2607 Aug 13 j 15:58	28°♋43'31	-2°-57'-58	
minimum elong	-2607 Aug 13 j 19:52	28°♋32'23	2°56'42	
morning rise	-2607 Aug 19 j 21:27	23°♋05'40		
direct	-2607 Aug 22 j 16:08	22°♋23'43		
asc. node	-2607 Aug 23 j 07:20	22°♋25'54		
morning max el	-2607 Aug 29 j 05:27	25°♋57'26	18°16'26	
	-2607 Sep 01 j 15:44	0°♌		
morning set	-2607 Sep 16 j 23:09	24°♌07'21		
	-2607 Sep 20 j 12:55	0°♍		
superior conj	-2607 Oct 01 j 13:06	17°♍44'50	0°14'25	
minimum elong	-2607 Oct 01 j 14:54	17°♍52'02	0°14'11	
behind sun begin	-2607 Oct 01 j 09:25	17°♍30'15		
behind sun end	-2607 Oct 01 j 20:23	18°♍13'48		
desc. node	-2607 Oct 03 j 18:56	21°♍18'08		
max. Earth dist.	-2607 Oct 04 j 11:13	22°♍22'23	1.44772 AU	
	-2607 Oct 09 j 07:36	0°♎		
evening rise	-2607 Oct 18 j 03:44	13°♎48'41		
	-2607 Oct 28 j 14:22	0°♏		
greatest brilliancy	-2607 Nov 02 j 21:24	7°♏56'27	-0.7m	
evening max el	-2607 Nov 11 j 09:53	18°♏57'34	19°34'28	
retrograde	-2607 Nov 18 j 17:02	23°♏11'44		
asc. node	-2607 Nov 19 j 06:24	23°♏09'57		
evening set	-2607 Nov 22 j 02:06	22°♏04'59		
inferior conj	-2607 Nov 27 j 16:58	16°♏06'00	2°37'15	
minimum elong	-2607 Nov 27 j 14:03	16°♏15'32	2°36'17	
min. Earth dist.	-2607 Nov 28 j 20:05	14°♏37'46	0.66255 AU	
morning rise	-2607 Dec 03 j 01:17	9°♏52'20		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

direct	-2607 Dec 09 j 03:47	7°♏12'13	
morning max el	-2607 Dec 21 j 11:17	14°♏28'34	25°48'54
desc. node	-2607 Dec 30 j 18:21	25°♏21'37	
	-2606 Jan 03 j 05:02	0°♐	
	-2606 Jan 22 j 08:27	0°♑	
morning set	-2606 Jan 26 j 16:31	7°♑46'09	
max. Earth dist.	-2606 Jan 30 j 14:37	15°♑07'30	1.35889 AU
superior conj	-2606 Feb 05 j 00:29	25°♑46'16	-1°-30'-28
minimum elong	-2606 Feb 05 j 03:52	26°♑03'20	1°30'08
	-2606 Feb 07 j 02:32	0°♒	
evening rise	-2606 Feb 12 j 23:55	12°♒04'37	
asc. node	-2606 Feb 15 j 05:41	16°♒35'38	
	-2606 Feb 22 j 12:42	0°♓	
evening max el	-2606 Mar 02 j 23:39	11°♓05'01	20°07'17
retrograde	-2606 Mar 13 j 07:24	16°♓00'12	
evening set	-2606 Mar 15 j 13:01	15°♓47'22	
inferior conj	-2606 Mar 24 j 09:11	11°♓47'46	1°11'42
minimum elong	-2606 Mar 24 j 12:14	11°♓43'11	1°10'40
min. Earth dist.	-2606 Mar 26 j 07:40	10°♓37'58	0.55568 AU
desc. node	-2606 Mar 28 j 17:24	9°♓16'34	
morning rise	-2606 Apr 02 j 08:47	7°♓21'33	
direct	-2606 Apr 06 j 05:30	6°♓48'51	
morning max el	-2606 Apr 19 j 22:37	13°♓35'41	23°46'38
	-2606 May 02 j 13:29	0°♈	
morning set	-2606 May 13 j 23:02	21°♈31'01	
asc. node	-2606 May 14 j 05:09	22°♈03'04	
	-2606 May 17 j 22:32	0°♉	
superior conj	-2606 May 21 j 01:53	6°♉46'08	1°06'20
minimum elong	-2606 May 20 j 23:26	6°♉32'58	1°05'59
max. Earth dist.	-2606 May 23 j 02:55	11°♉08'14	1.33519 AU
evening rise	-2606 May 28 j 14:25	22°♉28'45	
	-2606 Jun 01 j 10:51	0°♊	
	-2606 Jun 19 j 18:25	0°♋	
desc. node	-2606 Jun 24 j 16:30	6°♋22'30	
evening max el	-2606 Jul 01 j 03:01	13°♋24'18	27°24'36
retrograde	-2606 Jul 14 j 18:16	20°♋46'53	
evening set	-2606 Jul 21 j 22:05	18°♋05'56	
min. Earth dist.	-2606 Jul 25 j 13:08	14°♋51'53	0.63744 AU
inferior conj	-2606 Jul 28 j 02:43	12°♋12'30	-3°-41'-7
minimum elong	-2606 Jul 28 j 06:48	12°♋01'55	3°40'08
morning rise	-2606 Aug 03 j 17:28	6°♋52'08	
direct	-2606 Aug 06 j 07:38	6°♋18'55	
asc. node	-2606 Aug 10 j 04:25	7°♋33'05	
morning max el	-2606 Aug 12 j 20:35	9°♋44'19	17°57'41
	-2606 Aug 26 j 10:22	0°♌	
morning set	-2606 Aug 29 j 19:47	5°♌52'04	
superior conj	-2606 Sep 11 j 09:03	27°♌07'08	0°57'41
minimum elong	-2606 Sep 11 j 14:26	27°♌29'11	0°57'05
	-2606 Sep 13 j 03:19	0°♍	
max. Earth dist.	-2606 Sep 17 j 03:41	6°♍28'58	1.43989 AU
desc. node	-2606 Sep 20 j 15:55	12°♍03'31	
evening rise	-2606 Sep 27 j 11:04	22°♍39'51	
	-2606 Oct 02 j 05:51	0°♎	
greatest brilliancy	-2606 Oct 19 j 10:14	25°♎04'45	-0.5m
	-2606 Oct 23 j 08:14	0°♏	
evening max el	-2606 Oct 25 j 12:27	2°♏23'52	20°35'03
retrograde	-2606 Nov 02 j 14:29	7°♏10'24	
evening set	-2606 Nov 06 j 08:56	5°♏48'32	
asc. node	-2606 Nov 06 j 03:28	5°♏58'11	
inferior conj	-2606 Nov 11 j 20:13	29°♎38'30	1°52'14
minimum elong	-2606 Nov 11 j 17:52	29°♎46'27	1°51'19
	-2606 Nov 11 j 13:53	30°℞♎	
min. Earth dist.	-2606 Nov 12 j 11:13	28°♎47'38	0.66990 AU
morning rise	-2606 Nov 17 j 02:20	23°♎22'05	
direct	-2606 Nov 22 j 13:49	20°♎59'32	
morning max el	-2606 Dec 03 j 19:53	27°♎42'15	24°27'37
	-2606 Dec 06 j 00:02	0°♏	
desc. node	-2606 Dec 17 j 15:22	14°♏46'54	
	-2606 Dec 27 j 22:05	0°♐	
morning set	-2605 Jan 08 j 17:14	19°♐27'50	
max. Earth dist.	-2605 Jan 12 j 12:09	26°♐12'07	1.37768 AU
	-2605 Jan 14 j 13:56	0°♑	
superior conj	-2605 Jan 19 j 08:19	9°♑00'27	-1°-47'-26
minimum elong	-2605 Jan 19 j 11:13	9°♑14'28	1°47'18
evening rise	-2605 Jan 28 j 00:11	26°♑05'27	
	-2605 Jan 29 j 23:50	0°♒	
asc. node	-2605 Feb 02 j 02:43	5°♒57'58	
evening max el	-2605 Feb 13 j 18:01	23°♒06'03	19°08'21
retrograde	-2605 Feb 22 j 11:40	27°♒16'56	
evening set	-2605 Feb 24 j 19:08	27°♒00'38	
inferior conj	-2605 Mar 04 j 22:13	22°♒48'13	2°42'37
minimum elong	-2605 Mar 05 j 03:01	22°♒39'58	2°41'21
min. Earth dist.	-2605 Mar 07 j 23:10	20°♒43'39	0.56868 AU
morning rise	-2605 Mar 13 j 06:56	17°♒50'35	
desc. node	-2605 Mar 15 j 14:28	17°♒08'34	
direct	-2605 Mar 18 j 08:13	16°♒50'45	
morning max el	-2605 Apr 01 j 13:33	24°♒09'39	25°23'09
	-2605 Apr 06 j 21:07	0°♓	
	-2605 Apr 25 j 06:44	0°♈	
morning set	-2605 Apr 28 j 11:08	6°♈32'22	
asc. node	-2605 May 01 j 02:10	12°♈08'05	
superior conj	-2605 May 05 j 12:10	21°♈44'25	0°44'53
minimum elong	-2605 May 05 j 10:19	21°♈34'22	0°44'33
max. Earth dist.	-2605 May 06 j 11:57	23°♈53'50	1.32847 AU
	-2605 May 09 j 07:53	0°♉	
evening rise	-2605 May 12 j 16:45	7°♉03'48	
	-2605 May 24 j 23:21	0°♊	
desc. node	-2605 Jun 11 j 13:33	24°♊10'31	
evening max el	-2605 Jun 13 j 10:27	26°♊02'33	27°14'35
	-2605 Jun 18 j 04:53	0°♋	
retrograde	-2605 Jun 27 j 07:57	3°♋23'49	
evening set	-2605 Jul 04 j 09:42	1°♋02'46	
	-2605 Jul 05 j 20:55	30°℞♊	
min. Earth dist.	-2605 Jul 08 j 00:10	28°♊13'36	0.61932 AU
inferior conj	-2605 Jul 11 j 02:02	25°♊23'55	-4°-13'-29
minimum elong	-2605 Jul 11 j 05:07	25°♊16'48	4°13'02
morning rise	-2605 Jul 18 j 03:12	20°♊23'46	
direct	-2605 Jul 20 j 15:03	19°♊56'47	
morning max el	-2605 Jul 27 j 11:03	23°♊22'52	17°57'20
asc. node	-2605 Jul 28 j 01:29	23°♊59'24	
	-2605 Aug 01 j 17:18	0°♋	
morning set	-2605 Aug 12 j 12:57	18°♋35'58	
	-2605 Aug 18 j 20:54	0°♌	
superior conj	-2605 Aug 23 j 08:32	7°♌51'19	1°27'42
minimum elong	-2605 Aug 23 j 13:19	8°♌11'57	1°27'20
max. Earth dist.	-2605 Aug 30 j 15:31	20°♌07'46	1.42604 AU
	-2605 Sep 05 j 18:33	0°♍	
evening rise	-2605 Sep 06 j 18:47	1°♍35'31	
desc. node	-2605 Sep 07 j 12:56	2°♍46'46	
	-2605 Sep 25 j 19:07	0°♎	
greatest brilliancy	-2605 Oct 03 j 12:17	10°♎17'30	-0.4m
evening max el	-2605 Oct 08 j 09:04	15°♎50'36	21°47'08
retrograde	-2605 Oct 17 j 10:48	21°♎14'05	
evening set	-2605 Oct 21 j 16:53	19°♎34'50	
asc. node	-2605 Oct 24 j 00:33	17°♎17'46	
inferior conj	-2605 Oct 27 j 02:10	13°♎17'26	1°02'30
minimum elong	-2605 Oct 27 j 00:46	13°♎22'17	1°01'54
min. Earth dist.	-2605 Oct 27 j 06:18	13°♎03'10	0.67401 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning rise	-2605 Nov 01 j 08:23	7°♎01'00	
direct	-2605 Nov 06 j 04:34	4°♎59'48	
morning max el	-2605 Nov 16 j 05:38	10°♎59'01	23°00'35
greatest brilliancy	-2605 Nov 21 j 03:01	16°♎28'32	-0.3m
	-2605 Dec 01 j 06:38	0°♏	
desc. node	-2605 Dec 04 j 12:24	4°♏40'36	
morning set	-2605 Dec 20 j 15:30	29°♏49'09	
	-2605 Dec 20 j 18:07	0°♐	
max. Earth dist.	-2605 Dec 25 j 07:28	7°♐41'56	1.39857 AU
superior conj	-2604 Jan 02 j 00:49	21°♐25'45	-1°-56'-41
minimum elong	-2604 Jan 02 j 01:49	21°♐30'18	1°56'45
	-2604 Jan 06 j 15:09	0°♑	
evening rise	-2604 Jan 11 j 15:45	9°♑35'04	
asc. node	-2604 Jan 19 j 23:46	24°♑52'32	
	-2604 Jan 23 j 06:03	0°♒	
evening max el	-2604 Jan 27 j 21:11	5°♒38'46	18°29'14
retrograde	-2604 Feb 04 j 10:12	9°♒20'29	
evening set	-2604 Feb 06 j 21:24	8°♒58'03	
inferior conj	-2604 Feb 14 j 07:36	4°♒25'38	3°36'45
minimum elong	-2604 Feb 14 j 10:49	4°♒19'12	3°36'13
min. Earth dist.	-2604 Feb 17 j 17:29	1°♒43'04	0.58719 AU
	-2604 Feb 20 j 04:13	30°℞♑	
morning rise	-2604 Feb 21 j 20:36	29°♑01'38	
direct	-2604 Feb 28 j 00:18	27°♑24'11	
desc. node	-2604 Mar 01 j 11:33	27°♑39'37	
	-2604 Mar 07 j 01:46	0°♒	
morning max el	-2604 Mar 13 j 07:09	4°♒59'36	26°42'12
	-2604 Mar 31 j 15:45	0°♓	
morning set	-2604 Apr 11 j 21:51	21°♓28'46	
	-2604 Apr 15 j 21:38	0°♈	
asc. node	-2604 Apr 16 j 23:12	2°♈19'10	
superior conj	-2604 Apr 18 j 23:50	6°♈45'19	0°21'11
minimum elong	-2604 Apr 18 j 22:54	6°♈40'13	0°20'59
max. Earth dist.	-2604 Apr 19 j 00:45	6°♈50'21	1.32524 AU
evening rise	-2604 Apr 26 j 00:18	21°♈53'27	
	-2604 Apr 30 j 00:10	0°♉	
	-2604 May 18 j 09:23	0°♊	
evening max el	-2604 May 25 j 12:30	8°♊00'26	26°31'46
desc. node	-2604 May 28 j 10:37	10°♊34'09	
retrograde	-2604 Jun 08 j 13:38	15°♊17'49	
evening set	-2604 Jun 15 j 02:04	13°♊29'43	
min. Earth dist.	-2604 Jun 19 j 01:48	10°♊50'08	0.59911 AU
inferior conj	-2604 Jun 22 j 10:21	8°♊08'47	-4°-28'-7
minimum elong	-2604 Jun 22 j 10:50	8°♊07'49	4°28'03
morning rise	-2604 Jun 29 j 22:59	3°♊30'37	
direct	-2604 Jul 02 j 10:23	3°♊08'06	
morning max el	-2604 Jul 09 j 21:53	6°♊45'01	18°16'19
asc. node	-2604 Jul 13 j 22:33	11°♊29'06	
	-2604 Jul 24 j 18:52	0°♋	
morning set	-2604 Jul 25 j 21:10	2°♋04'13	
superior conj	-2604 Aug 04 j 09:22	19°♋50'54	1°43'57
minimum elong	-2604 Aug 04 j 11:45	20°♋01'44	1°43'54
	-2604 Aug 10 j 02:30	0°♌	
max. Earth dist.	-2604 Aug 11 j 22:00	3°♌07'07	1.40806 AU
evening rise	-2604 Aug 16 j 20:34	11°♌22'45	
desc. node	-2604 Aug 24 j 09:57	23°♌23'43	
	-2604 Aug 28 j 18:17	0°♍	
greatest brilliancy	-2604 Sep 14 j 14:19	23°♍13'15	-0.2m
evening max el	-2604 Sep 20 j 00:24	29°♍18'19	23°06'18
	-2604 Sep 20 j 17:19	0°♎	
retrograde	-2604 Sep 30 j 04:32	5°♎19'45	
evening set	-2604 Oct 05 j 00:12	3°♎21'26	
	-2604 Oct 08 j 03:23	30°℞♍	
asc. node	-2604 Oct 09 j 21:39	27°♍39'12	
inferior conj	-2604 Oct 10 j 08:59	27°♍00'14	0°09'45
minimum elong	-2604 Oct 10 j 08:45	27°♍01'02	0°09'40
transit middle	-2604 Oct 10 j 08:45	27°♍01'02	0°09'40
transit begin	-2604 Oct 10 j 06:34	27°♍08'32	
transit end	-2604 Oct 10 j 10:55	26°♍53'33	
min. Earth dist.	-2604 Oct 10 j 02:48	27°♍21'30	0.67503 AU
morning rise	-2604 Oct 15 j 17:16	20°♍46'49	
direct	-2604 Oct 19 j 23:05	19°♍07'34	
morning max el	-2604 Oct 28 j 19:57	24°♍21'42	21°36'37
	-2604 Nov 02 j 18:17	0°♎	
greatest brilliancy	-2604 Nov 02 j 21:01	0°♎08'31	-0.4m
desc. node	-2604 Nov 20 j 09:26	24°♎54'14	
	-2604 Nov 23 j 17:39	0°♏	
morning set	-2604 Nov 29 j 08:57	8°♏48'00	
max. Earth dist.	-2604 Dec 06 j 08:15	20°♏04'45	1.41866 AU
	-2604 Dec 12 j 05:32	0°♐	
superior conj	-2604 Dec 13 j 20:31	2°♐48'27	-1°-54'-29
minimum elong	-2604 Dec 13 j 17:57	2°♐37'18	1°54'29
evening rise	-2604 Dec 24 j 19:10	22°♐26'02	
	-2604 Dec 28 j 22:52	0°♑	
asc. node	-2603 Jan 05 j 20:49	13°♑10'32	
evening max el	-2603 Jan 10 j 06:15	18°♑34'50	18°10'04
retrograde	-2603 Jan 17 j 02:10	22°♑03'11	
evening set	-2603 Jan 19 j 16:42	21°♑33'24	
inferior conj	-2603 Jan 26 j 12:40	16°♑38'45	3°57'46
minimum elong	-2603 Jan 26 j 13:15	16°♑37'24	3°57'41
min. Earth dist.	-2603 Jan 29 j 17:29	13°♑42'04	0.60762 AU
morning rise	-2603 Feb 02 j 07:07	10°♑56'06	
direct	-2603 Feb 09 j 03:10	8°♑42'09	
desc. node	-2603 Feb 16 j 08:37	10°♑55'41	
morning max el	-2603 Feb 23 j 06:48	16°♑25'31	27°31'16
	-2603 Mar 06 j 11:28	0°♒	
	-2603 Mar 24 j 03:20	0°♓	
morning set	-2603 Mar 27 j 05:22	6°♓13'43	
max. Earth dist.	-2603 Apr 02 j 13:35	19°♓44'39	1.32545 AU
superior conj	-2603 Apr 03 j 11:14	21°♓42'51	0°-3'-57
minimum elong	-2603 Apr 03 j 11:25	21°♓43'51	0°03'56
behind sun begin	-2603 Apr 03 j 06:31	21°♓17'03	
behind sun end	-2603 Apr 03 j 16:19	22°♓10'40	
asc. node	-2603 Apr 03 j 20:16	22°♓32'11	
	-2603 Apr 07 j 06:20	0°♈	
evening rise	-2603 Apr 10 j 10:53	6°♈49'52	
	-2603 Apr 22 j 16:41	0°♉	
evening max el	-2603 May 07 j 08:06	19°♉16'00	25°20'07
desc. node	-2603 May 15 j 07:39	25°♉00'41	
retrograde	-2603 May 21 j 09:19	26°♉26'09	
evening set	-2603 May 26 j 20:21	25°♉16'37	
min. Earth dist.	-2603 May 31 j 20:11	22°♉29'39	0.57907 AU
inferior conj	-2603 Jun 04 j 00:15	20°♉17'55	-4°-15'-2
minimum elong	-2603 Jun 03 j 20:52	20°♉23'50	4°14'36
morning rise	-2603 Jun 12 j 01:20	16°♉01'34	
direct	-2603 Jun 14 j 13:22	15°♉42'27	
morning max el	-2603 Jun 23 j 02:14	19°♉42'37	18°55'35
asc. node	-2603 Jun 30 j 19:37	29°♉48'31	
	-2603 Jun 30 j 22:26	0°♊	
morning set	-2603 Jul 09 j 16:15	16°♊06'29	
	-2603 Jul 16 j 18:22	0°♋	
superior conj	-2603 Jul 18 j 06:05	2°♋51'33	1°48'38
minimum elong	-2603 Jul 18 j 06:06	2°♋51'40	1°48'42
max. Earth dist.	-2603 Jul 25 j 00:48	15°♋25'34	1.38837 AU
evening rise	-2603 Jul 28 j 23:58	22°♋23'48	
	-2603 Aug 02 j 12:20	0°♌	
desc. node	-2603 Aug 11 j 06:58	13°♌50'22	
	-2603 Aug 22 j 16:00	0°♍	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening max el	-2603 Sep 02 j 12:20	12°♍48'43	24°26'18	
retrograde	-2603 Sep 13 j 18:37	19°♍24'22		
evening set	-2603 Sep 19 j 05:10	17°♍06'57		
min. Earth dist.	-2603 Sep 23 j 22:18	11°♍41'19	0.67298 AU	
inferior conj	-2603 Sep 24 j 14:55	10°♍45'33	0°-44'-21	
minimum elong	-2603 Sep 24 j 15:59	10°♍41'59	0°43'53	
asc. node	-2603 Sep 26 j 18:44	7°♍57'18		
morning rise	-2603 Sep 30 j 03:06	4°♍38'03		
direct	-2603 Oct 03 j 20:08	3°♍19'07		
morning max el	-2603 Oct 11 j 17:22	7°♍53'54	20°22'02	
greatest brilliancy	-2603 Oct 18 j 07:56	15°♍52'26	-0.6m	
	-2603 Oct 28 j 04:00	0°♎		
desc. node	-2603 Nov 07 j 06:27	15°♎22'02		
morning set	-2603 Nov 08 j 07:47	16°♎59'59		
	-2603 Nov 16 j 14:32	0°♏		
max. Earth dist.	-2603 Nov 18 j 16:55	3°♏21'30	1.43502 AU	
superior conj	-2603 Nov 24 j 14:12	12°♏56'42	-1°-36'-48	
minimum elong	-2603 Nov 24 j 07:42	12°♏29'52	1°36'20	
	-2603 Dec 04 j 16:02	0°♐		
evening rise	-2603 Dec 07 j 06:20	4°♐30'30		
	-2603 Dec 23 j 03:38	0°♑		
asc. node	-2603 Dec 23 j 17:52	0°♑41'12		
evening max el	-2603 Dec 24 j 18:21	1°♑46'34	18°10'24	
retrograde	-2603 Dec 31 j 07:20	5°♑14'53		
evening set	-2602 Jan 03 j 01:16	4°♑36'55		
	-2602 Jan 08 j 19:07	30°℞♐		
inferior conj	-2602 Jan 09 j 10:01	29°♐21'02	3°54'04	
minimum elong	-2602 Jan 09 j 08:29	29°♐25'03	3°53'53	
min. Earth dist.	-2602 Jan 12 j 02:18	26°♐32'46	0.62707 AU	
morning rise	-2602 Jan 15 j 13:49	23°♐25'20		
direct	-2602 Jan 22 j 14:48	20°♐45'41		
desc. node	-2602 Feb 03 j 05:42	26°♐25'13		
morning max el	-2602 Feb 05 j 12:23	28°♐32'40	27°44'03	
	-2602 Feb 06 j 22:40	0°♑		
	-2602 Feb 28 j 06:05	0°♒		
morning set	-2602 Mar 11 j 07:27	20°♒39'03		
	-2602 Mar 15 j 19:44	0°♓		
max. Earth dist.	-2602 Mar 16 j 22:24	2°♓21'55	1.32934 AU	
superior conj	-2602 Mar 18 j 20:39	6°♓30'31	0°-29'-38	
minimum elong	-2602 Mar 18 j 22:00	6°♓37'52	0°29'24	
asc. node	-2602 Mar 21 j 17:15	12°♓42'08		
evening rise	-2602 Mar 25 j 22:35	21°♓45'24		
	-2602 Mar 29 j 23:08	0°♈		
	-2602 Apr 18 j 23:18	0°♉		
evening max el	-2602 Apr 18 j 23:31	0°♉00'31	23°49'57	
desc. node	-2602 May 02 j 04:42	6°♉52'28		
retrograde	-2602 May 02 j 17:06	6°♉53'04		
evening set	-2602 May 06 j 19:08	6°♉16'09		
min. Earth dist.	-2602 May 13 j 10:38	3°♉07'29	0.56239 AU	
inferior conj	-2602 May 15 j 17:51	1°♉43'23	-3°-23'-21	
minimum elong	-2602 May 15 j 11:35	1°♉52'59	3°21'52	
	-2602 May 18 j 16:09	30°℞♈		
morning rise	-2602 May 24 j 07:48	27°♈43'44		
direct	-2602 May 26 j 21:00	27°♈27'04		
	-2602 Jun 03 j 07:30	0°♉		
morning max el	-2602 Jun 05 j 21:23	2°♉05'23	19°55'34	
asc. node	-2602 Jun 17 j 16:40	18°♉44'58		
morning set	-2602 Jun 23 j 18:54	0°♊33'06		
	-2602 Jun 23 j 12:20	0°♊		
superior conj	-2602 Jul 01 j 17:12	16°♊36'52	1°44'22	
minimum elong	-2602 Jul 01 j 15:35	16°♊28'50	1°44'21	
max. Earth dist.	-2602 Jul 07 j 04:28	27°♊15'53	1.36942 AU	
	-2602 Jul 08 j 15:24	0°♋		
evening rise	-2602 Jul 11 j 03:16	4°♋35'02		
	-2602 Jul 26 j 11:10	0°♌		
desc. node	-2602 Jul 29 j 03:57	4°♌00'38		
evening max el	-2602 Aug 15 j 23:11	26°♌21'20	25°39'54	
	-2602 Aug 20 j 03:16	0°♍		
retrograde	-2602 Aug 28 j 04:24	3°♍22'56		
evening set	-2602 Sep 03 j 05:53	0°♍48'59		
	-2602 Sep 04 j 03:11	30°℞♌		
min. Earth dist.	-2602 Sep 07 j 14:25	26°♌00'05	0.66764 AU	
inferior conj	-2602 Sep 08 j 18:14	24°♌30'54	-1°-38'-14	
minimum elong	-2602 Sep 08 j 20:35	24°♌23'22	1°37'16	
asc. node	-2602 Sep 13 j 15:48	19°♌07'54		
morning rise	-2602 Sep 14 j 11:56	18°♌32'25		
direct	-2602 Sep 17 j 18:21	17°♌30'40		
morning max el	-2602 Sep 24 j 22:08	21°♌35'02	19°20'47	
	-2602 Oct 01 j 16:12	0°♍		
greatest brilliancy	-2602 Oct 04 j 21:32	4°♍40'05	-0.7m	
morning set	-2602 Oct 18 j 10:56	25°♍31'59		
	-2602 Oct 21 j 07:35	0°♎		
desc. node	-2602 Oct 25 j 03:28	5°♎59'17		
max. Earth dist.	-2602 Nov 01 j 07:32	17°♎15'46	1.44550 AU	
superior conj	-2602 Nov 04 j 05:22	21°♎52'37	-1°-1'-47	
minimum elong	-2602 Nov 03 j 22:22	21°♎24'49	1°01'00	
	-2602 Nov 09 j 07:04	0°♏		
evening rise	-2602 Nov 18 j 20:43	15°♏39'33		
	-2602 Nov 27 j 13:05	0°♐		
evening max el	-2602 Dec 08 j 06:44	15°♐07'54	18°29'28	
asc. node	-2602 Dec 10 j 14:54	17°♐11'13		
retrograde	-2602 Dec 14 j 21:14	18°♐46'59		
evening set	-2602 Dec 17 j 19:36	17°♐59'32		
inferior conj	-2602 Dec 23 j 19:46	12°♐24'47	3°33'08	
minimum elong	-2602 Dec 23 j 17:04	12°♐32'40	3°32'34	
min. Earth dist.	-2602 Dec 25 j 21:12	10°♐01'11	0.64369 AU	
morning rise	-2602 Dec 29 j 13:11	6°♐19'56		
direct	-2601 Jan 05 j 10:00	3°♐29'22		
morning max el	-2601 Jan 18 j 21:25	11°♐13'38	27°21'21	
desc. node	-2601 Jan 21 j 02:45	13°♐32'30		
	-2601 Feb 02 j 20:22	0°♑		
	-2601 Feb 20 j 16:08	0°♒		
morning set	-2601 Feb 23 j 01:22	4°♒36'01		
max. Earth dist.	-2601 Feb 27 j 23:11	14°♒29'35	1.33732 AU	
superior conj	-2601 Mar 03 j 02:16	21°♒02'37	0°-54'-53	
minimum elong	-2601 Mar 03 j 04:42	21°♒15'34	0°54'30	
	-2601 Mar 07 j 07:09	0°♓		
asc. node	-2601 Mar 08 j 14:15	2°♓45'28		
evening rise	-2601 Mar 10 j 09:38	6°♓34'09		
	-2601 Mar 23 j 02:19	0°♈		
evening max el	-2601 Mar 31 j 17:02	10°♈42'03	22°15'37	
retrograde	-2601 Apr 13 j 12:53	16°♈57'55		
evening set	-2601 Apr 16 j 10:15	16°♈39'29		
desc. node	-2601 Apr 19 j 01:45	15°♈52'47		
min. Earth dist.	-2601 Apr 25 j 00:23	12°♈56'41	0.55256 AU	
inferior conj	-2601 Apr 25 j 18:41	12°♈30'47	-1°-50'-22	
minimum elong	-2601 Apr 25 j 13:49	12°♈37'41	1°48'46	
morning rise	-2601 May 04 j 19:11	8°♈34'25		
direct	-2601 May 07 j 12:45	8°♈17'29		
morning max el	-2601 May 19 j 05:44	13°♈46'48	21°14'56	
	-2601 May 31 j 04:28	0°♉		
asc. node	-2601 Jun 04 j 13:42	8°♉09'18		
morning set	-2601 Jun 08 j 02:38	15°♉17'09		
	-2601 Jun 15 j 03:59	0°♊		
superior conj	-2601 Jun 15 j 14:28	0°♊54'11	1°33'22	
minimum elong	-2601 Jun 15 j 12:01	0°♊41'32	1°33'11	
max. Earth dist.	-2601 Jun 19 j 15:01	9°♊05'15	1.35322 AU	
evening rise	-2601 Jun 24 j 01:32	17°♊43'50		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2601 Jun 30 j 19:45	0°♋	
desc. node	-2601 Jul 16 j 00:57	23°♋47'14	
	-2601 Jul 20 j 16:58	0°♌	
evening max el	-2601 Jul 29 j 10:29	9°♌52'36	26°39'08
retrograde	-2601 Aug 11 j 09:16	17°♌09'14	
evening set	-2601 Aug 18 j 00:11	14°♌24'46	
min. Earth dist.	-2601 Aug 22 j 00:50	10°♌14'04	0.65879 AU
inferior conj	-2601 Aug 23 j 16:58	8°♌13'37	-2°-30'-1
minimum elong	-2601 Aug 23 j 20:25	8°♌03'15	2°28'47
morning rise	-2601 Aug 29 j 17:44	2°♌27'09	
asc. node	-2601 Aug 31 j 12:53	1°♌46'11	
direct	-2601 Sep 01 j 15:55	1°♌39'03	
morning max el	-2601 Sep 08 j 08:44	5°♌21'50	18°35'04
	-2601 Sep 25 j 07:15	0°♍	
morning set	-2601 Sep 28 j 13:24	5°♍14'49	
desc. node	-2601 Oct 12 j 00:27	26°♍42'02	
superior conj	-2601 Oct 14 j 05:31	0°♎11'11	0°-14'-9
minimum elong	-2601 Oct 14 j 03:38	0°♎03'46	0°13'56
behind sun begin	-2601 Oct 13 j 21:39	29°♍40'12	
behind sun end	-2601 Oct 14 j 09:37	0°♎27'20	
	-2601 Oct 14 j 02:41	0°♎	
max. Earth dist.	-2601 Oct 15 j 01:09	1°♎28'27	1.44901 AU
evening rise	-2601 Oct 30 j 10:47	25°♎46'08	
	-2601 Nov 02 j 02:44	0°♏	
evening max el	-2601 Nov 21 j 16:55	28°♏33'25	19°06'08
	-2601 Nov 23 j 05:18	0°♐	
asc. node	-2601 Nov 27 j 11:58	2°♐24'37	
retrograde	-2601 Nov 28 j 16:08	2°♐32'21	
evening set	-2601 Dec 01 j 20:41	1°♐33'25	
	-2601 Dec 03 j 20:19	30°℞♏	
inferior conj	-2601 Dec 07 j 14:26	25°♏42'37	3°00'11
minimum elong	-2601 Dec 07 j 11:23	25°♏52'10	2°59'18
min. Earth dist.	-2601 Dec 09 j 01:21	23°♏52'50	0.65679 AU
morning rise	-2601 Dec 13 j 01:10	19°♏31'30	
direct	-2601 Dec 19 j 11:35	16°♏44'06	
morning max el	-2600 Jan 01 j 06:59	24°♏14'31	26°28'57
	-2600 Jan 06 j 12:14	0°♐	
desc. node	-2600 Jan 07 j 23:48	1°♐48'15	
	-2600 Jan 27 j 05:44	0°♑	
morning set	-2600 Feb 06 j 07:21	17°♑52'03	
max. Earth dist.	-2600 Feb 10 j 12:38	26°♑00'43	1.34975 AU
	-2600 Feb 12 j 12:37	0°♒	
superior conj	-2600 Feb 15 j 01:48	5°♒11'23	-1°-18'-24
minimum elong	-2600 Feb 15 j 05:01	5°♒27'55	1°18'00
evening rise	-2600 Feb 22 j 18:10	21°♒09'13	
asc. node	-2600 Feb 23 j 11:16	22°♒37'02	
	-2600 Feb 27 j 04:01	0°♓	
evening max el	-2600 Mar 12 j 18:43	21°♓46'35	20°49'42
retrograde	-2600 Mar 24 j 02:02	27°♓11'01	
evening set	-2600 Mar 26 j 09:34	26°♓58'19	
inferior conj	-2600 Apr 04 j 13:33	23°♓00'54	0°06'30
minimum elong	-2600 Apr 04 j 13:51	23°♓00'28	0°06'24
transit middle	-2600 Apr 04 j 13:51	23°♓00'28	0°06'24
transit begin	-2600 Apr 04 j 10:07	23°♓05'49	
transit end	-2600 Apr 04 j 17:35	22°♓55'07	
desc. node	-2600 Apr 04 j 22:48	22°♓47'38	
min. Earth dist.	-2600 Apr 05 j 14:22	22°♓25'23	0.55186 AU
morning rise	-2600 Apr 13 j 16:48	18°♓49'52	
direct	-2600 Apr 17 j 00:29	18°♓25'54	
morning max el	-2600 Apr 30 j 03:46	24°♓47'44	22°49'13
	-2600 May 04 j 22:10	0°♈	
asc. node	-2600 May 21 j 10:43	27°♈54'09	
	-2600 May 22 j 11:00	0°♉	
morning set	-2600 May 22 j 13:26	0°♉12'40	
superior conj	-2600 May 29 j 18:39	15°♉33'33	1°17'20
minimum elong	-2600 May 29 j 16:03	15°♉19'42	1°17'01
max. Earth dist.	-2600 Jun 01 j 11:34	21°♉15'27	1.34066 AU
	-2600 Jun 05 j 18:26	0°♊	
evening rise	-2600 Jun 06 j 13:47	1°♊35'49	
	-2600 Jun 22 j 18:10	0°♋	
desc. node	-2600 Jul 01 j 21:58	13°♋00'08	
evening max el	-2600 Jul 10 j 22:03	23°♋13'59	27°16'12
	-2600 Jul 20 j 21:04	0°♌	
retrograde	-2600 Jul 24 j 08:42	0°♌35'48	
	-2600 Jul 27 j 16:04	30°℞♋	
evening set	-2600 Jul 31 j 09:24	27°♋50'21	
min. Earth dist.	-2600 Aug 04 j 03:21	24°♋16'50	0.64624 AU
inferior conj	-2600 Aug 06 j 08:53	21°♋49'36	-3°-17'-17
minimum elong	-2600 Aug 06 j 12:58	21°♋38'21	3°16'06
morning rise	-2600 Aug 12 j 18:07	16°♋18'31	
direct	-2600 Aug 15 j 10:35	15°♋40'37	
asc. node	-2600 Aug 17 j 09:58	16°♋01'07	
morning max el	-2600 Aug 21 j 22:57	19°♋10'04	18°06'16
	-2600 Aug 29 j 23:39	0°♌	
morning set	-2600 Sep 08 j 19:50	16°♌19'16	
	-2600 Sep 17 j 01:01	0°♍	
superior conj	-2600 Sep 22 j 12:51	8°♍55'16	0°34'06
minimum elong	-2600 Sep 22 j 16:45	9°♍10'55	0°33'37
max. Earth dist.	-2600 Sep 26 j 19:12	15°♍43'45	1.44525 AU
desc. node	-2600 Sep 27 j 21:27	17°♍27'36	
	-2600 Oct 05 j 21:37	0°♎	
evening rise	-2600 Oct 09 j 02:27	4°♎57'48	
	-2600 Oct 25 j 14:53	0°♏	
greatest brilliancy	-2600 Oct 27 j 16:22	2°♏55'58	-0.6m
evening max el	-2600 Nov 03 j 22:51	12°♏00'46	19°58'35
retrograde	-2600 Nov 11 j 13:14	16°♏27'27	
asc. node	-2600 Nov 13 j 09:03	16°♏08'12	
evening set	-2600 Nov 15 j 02:04	15°♏14'37	
inferior conj	-2600 Nov 20 j 15:14	9°♏10'45	2°18'51
minimum elong	-2600 Nov 20 j 12:30	9°♏19'50	2°17'51
min. Earth dist.	-2600 Nov 21 j 13:04	7°♏58'19	0.66622 AU
morning rise	-2600 Nov 25 j 22:20	2°♏55'46	
direct	-2600 Dec 01 j 18:45	0°♏22'12	
morning max el	-2600 Dec 13 j 15:44	7°♏25'08	25°15'27
desc. node	-2600 Dec 24 j 20:52	20°♏52'33	
	-2600 Dec 31 j 07:58	0°♐	
morning set	-2599 Jan 18 j 20:29	0°♑12'41	
	-2599 Jan 18 j 17:39	0°♑	
max. Earth dist.	-2599 Jan 22 j 14:52	7°♑07'14	1.36658 AU
superior conj	-2599 Jan 28 j 16:27	18°♑48'36	-1°-38'-25
minimum elong	-2599 Jan 28 j 19:46	19°♑05'03	1°38'09
	-2599 Feb 03 j 06:02	0°♒	
evening rise	-2599 Feb 05 j 22:10	5°♒24'32	
asc. node	-2599 Feb 09 j 08:18	12°♒11'45	
	-2599 Feb 20 j 04:06	0°♓	
evening max el	-2599 Feb 23 j 07:08	3°♓26'40	19°39'46
retrograde	-2599 Mar 04 j 21:25	8°♓00'53	
evening set	-2599 Mar 07 j 03:35	7°♓46'52	
inferior conj	-2599 Mar 15 j 16:45	3°♓43'11	1°54'34
minimum elong	-2599 Mar 15 j 21:03	3°♓36'22	1°53'13
min. Earth dist.	-2599 Mar 18 j 04:43	2°♓08'45	0.56040 AU
	-2599 Mar 22 j 02:15	30°℞♒	
desc. node	-2599 Mar 22 j 19:54	29°♒40'24	
morning rise	-2599 Mar 24 j 11:07	29°♒03'57	
direct	-2599 Mar 28 j 19:53	28°♒21'19	
	-2599 Apr 04 j 10:28	0°♓	
morning max el	-2599 Apr 11 j 19:25	5°♓23'23	24°28'57
	-2599 Apr 29 j 08:12	0°♈	
morning set	-2599 May 07 j 01:32	15°♈13'33	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2599 May 08 j 07:44	17°♈53'16	
	-2599 May 13 j 22:21	0°♉	
superior conj	-2599 May 14 j 03:16	0°♉26'37	0°57'34
minimum elong	-2599 May 14 j 01:01	0°♉14'30	0°57'11
max. Earth dist.	-2599 May 15 j 17:07	3°♉50'49	1.33188 AU
evening rise	-2599 May 21 j 11:55	15°♉58'03	
	-2599 May 28 j 18:54	0°♊	
	-2599 Jun 17 j 14:09	0°♋	
desc. node	-2599 Jun 18 j 19:01	1°♋24'34	
evening max el	-2599 Jun 23 j 07:49	6°♋11'41	27°24'32
retrograde	-2599 Jul 07 j 01:50	13°♋33'11	
evening set	-2599 Jul 14 j 06:01	10°♋59'11	
min. Earth dist.	-2599 Jul 17 j 20:07	7°♋57'12	0.63006 AU
inferior conj	-2599 Jul 20 j 15:11	5°♋11'54	-3°-56'-33
minimum elong	-2599 Jul 20 j 19:01	5°♋02'25	3°55'46
morning rise	-2599 Jul 27 j 10:11	29°♊59'34	
	-2599 Jul 27 j 09:45	30°℞♊	
direct	-2599 Jul 29 j 23:13	29°♊29'07	
	-2599 Aug 01 j 11:59	0°♋	
asc. node	-2599 Aug 04 j 07:03	1°♋43'22	
morning max el	-2599 Aug 05 j 14:05	2°♋53'33	17°55'18
morning set	-2599 Aug 22 j 01:56	28°♋31'10	
	-2599 Aug 22 j 22:04	0°♌	
superior conj	-2599 Sep 02 j 20:11	18°♌51'05	1°12'10
minimum elong	-2599 Sep 03 j 01:42	19°♌14'10	1°11'37
max. Earth dist.	-2599 Sep 09 j 10:34	29°♌42'33	1.43468 AU
	-2599 Sep 09 j 14:53	0°♍	
desc. node	-2599 Sep 14 j 18:27	8°♍12'20	
evening rise	-2599 Sep 18 j 07:31	13°♍44'41	
	-2599 Sep 29 j 00:19	0°♎	
greatest brilliancy	-2599 Oct 12 j 12:30	19°♎05'09	-0.5m
evening max el	-2599 Oct 17 j 23:01	25°♎27'36	21°04'28
	-2599 Oct 24 j 00:58	0°♏	
retrograde	-2599 Oct 26 j 10:23	0°♏28'54	
	-2599 Oct 28 j 17:00	30°℞♎	
evening set	-2599 Oct 30 j 09:38	28°♎59'42	
asc. node	-2599 Oct 31 j 06:08	28°♎16'57	
inferior conj	-2599 Nov 04 j 19:53	22°♎46'07	1°31'36
minimum elong	-2599 Nov 04 j 17:54	22°♎52'54	1°30'48
min. Earth dist.	-2599 Nov 05 j 06:04	22°♎11'13	0.67212 AU
morning rise	-2599 Nov 10 j 01:49	16°♎29'38	
direct	-2599 Nov 15 j 06:47	14°♎16'03	
morning max el	-2599 Nov 26 j 00:31	20°♎40'12	23°50'43
	-2599 Dec 04 j 00:39	0°♏	
desc. node	-2599 Dec 11 j 17:55	10°♏31'11	
	-2599 Dec 24 j 13:55	0°♐	
morning set	-2599 Dec 31 j 10:41	11°♐21'54	
max. Earth dist.	-2598 Jan 04 j 10:57	18°♐20'30	1.38656 AU
	-2598 Jan 10 j 20:20	0°♑	
superior conj	-2598 Jan 11 j 18:26	1°♑44'00	-1°-52'-30
minimum elong	-2598 Jan 11 j 20:43	1°♑54'52	1°52'28
evening rise	-2598 Jan 20 j 19:10	19°♑13'37	
	-2598 Jan 26 j 10:52	0°♒	
asc. node	-2598 Jan 27 j 05:21	1°♒23'32	
evening max el	-2598 Feb 06 j 05:33	15°♒42'15	18°49'09
retrograde	-2598 Feb 14 j 09:36	19°♒38'58	
evening set	-2598 Feb 16 j 18:41	19°♒20'12	
inferior conj	-2598 Feb 24 j 14:17	14°♒59'23	3°10'06
minimum elong	-2598 Feb 24 j 18:41	14°♒51'17	3°09'08
min. Earth dist.	-2598 Feb 27 j 20:53	12°♒36'20	0.57611 AU
morning rise	-2598 Mar 04 j 14:49	9°♒49'43	
desc. node	-2598 Mar 09 j 17:00	8°♒35'26	
direct	-2598 Mar 10 j 04:05	8°♒34'55	
morning max el	-2598 Mar 24 j 11:00	16°♒01'38	25°59'54
	-2598 Apr 04 j 18:57	0°♓	
	-2598 Apr 21 j 10:35	0°♈	
morning set	-2598 Apr 21 j 13:17	0°♈14'09	
asc. node	-2598 Apr 25 j 04:47	8°♈01'46	
superior conj	-2598 Apr 28 j 14:22	15°♈27'01	0°35'03
minimum elong	-2598 Apr 28 j 12:52	15°♈18'52	0°34'46
max. Earth dist.	-2598 Apr 29 j 04:25	16°♈43'53	1.32668 AU
	-2598 May 05 j 08:58	0°♉	
evening rise	-2598 May 05 j 16:47	0°♉40'36	
	-2598 May 21 j 20:54	0°♊	
evening max el	-2598 Jun 05 j 13:06	18°♊33'13	27°00'16
desc. node	-2598 Jun 05 j 16:03	18°♊40'12	
retrograde	-2598 Jun 19 j 12:04	25°♊52'52	
evening set	-2598 Jun 26 j 09:56	23°♊44'13	
min. Earth dist.	-2598 Jun 30 j 02:43	21°♊01'34	0.61091 AU
inferior conj	-2598 Jul 03 j 08:32	18°♊12'50	-4°-22'-25
minimum elong	-2598 Jul 03 j 10:44	18°♊08'04	4°22'10
morning rise	-2598 Jul 10 j 14:29	13°♊22'07	
direct	-2598 Jul 13 j 02:05	12°♊57'07	
morning max el	-2598 Jul 20 j 03:21	16°♊26'00	18°03'04
asc. node	-2598 Jul 22 j 04:07	18°♊38'17	
	-2598 Jul 29 j 16:35	0°♋	
morning set	-2598 Aug 05 j 02:01	11°♋34'58	
superior conj	-2598 Aug 15 j 07:00	0°♌08'45	1°36'11
minimum elong	-2598 Aug 15 j 10:51	0°♌25'43	1°35'58
	-2598 Aug 15 j 05:01	0°♌	
max. Earth dist.	-2598 Aug 22 j 20:17	13°♌06'03	1.41875 AU
evening rise	-2598 Aug 28 j 21:07	22°♌56'44	
desc. node	-2598 Sep 01 j 15:26	28°♌52'59	
	-2598 Sep 02 j 08:41	0°♍	
	-2598 Sep 23 j 03:31	0°♎	
greatest brilliancy	-2598 Sep 25 j 23:23	3°♎33'43	-0.3m
evening max el	-2598 Sep 30 j 17:06	8°♎53'49	22°20'13
retrograde	-2598 Oct 10 j 05:51	14°♎33'51	
evening set	-2598 Oct 14 j 17:33	12°♎46'23	
asc. node	-2598 Oct 18 j 03:14	9°♎06'20	
inferior conj	-2598 Oct 20 j 02:25	6°♎26'41	0°40'23
minimum elong	-2598 Oct 20 j 01:29	6°♎29'54	0°40'00
min. Earth dist.	-2598 Oct 20 j 02:02	6°♎27'59	0.67480 AU
morning rise	-2598 Oct 25 j 09:17	0°♎11'16	
	-2598 Oct 25 j 14:54	30°℞♍	
direct	-2598 Oct 29 j 23:05	28°♍19'45	
	-2598 Nov 03 j 18:39	0°♎	
morning max el	-2598 Nov 08 j 11:59	3°♎59'37	22°24'08
greatest brilliancy	-2598 Nov 13 j 04:15	9°♎15'35	-0.3m
	-2598 Nov 28 j 05:45	0°♏	
desc. node	-2598 Nov 28 j 14:57	0°♏34'07	
morning set	-2598 Dec 11 j 20:34	21°♏07'25	
	-2598 Dec 17 j 05:19	0°♐	
max. Earth dist.	-2598 Dec 17 j 08:14	0°♐12'21	1.40737 AU
superior conj	-2598 Dec 25 j 02:48	13°♐44'22	-1°-57'-24
minimum elong	-2598 Dec 25 j 02:28	13°♐42'51	1°57'29
	-2597 Jan 02 j 22:30	0°♑	
evening rise	-2597 Jan 04 j 06:05	2°♑28'19	
asc. node	-2597 Jan 14 j 02:25	20°♑04'05	
evening max el	-2597 Jan 20 j 11:33	28°♑25'52	18°18'35
	-2597 Jan 22 j 07:17	0°♒	
retrograde	-2597 Jan 27 j 16:10	2°♒00'31	
evening set	-2597 Jan 30 j 04:39	1°♒35'12	
	-2597 Feb 02 j 08:31	30°℞♑	
inferior conj	-2597 Feb 06 j 08:26	26°♑53'19	3°49'12
minimum elong	-2597 Feb 06 j 10:32	26°♑48'50	3°48'57
min. Earth dist.	-2597 Feb 09 j 17:26	24°♑01'36	0.59580 AU
morning rise	-2597 Feb 13 j 13:07	21°♑20'09	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

direct	-2597 Feb 20 j 00:56	19°♑26'26	
desc. node	-2597 Feb 24 j 14:05	20°♑19'17	
morning max el	-2597 Mar 06 j 07:16	27°♑06'35	27°07'18
	-2597 Mar 09 j 01:53	0°♒	
	-2597 Mar 29 j 06:07	0°♓	
morning set	-2597 Apr 05 j 22:53	15°♓06'48	
asc. node	-2597 Apr 12 j 01:48	28°♓14'13	
max. Earth dist.	-2597 Apr 12 j 17:40	29°♓41'00	1.32489 AU
	-2597 Apr 12 j 21:08	0°♈	
superior conj	-2597 Apr 13 j 02:07	0°♈27'17	0°10'39
minimum elong	-2597 Apr 13 j 01:38	0°♈24'41	0°10'33
behind sun begin	-2597 Apr 12 j 21:53	0°♈04'08	
behind sun end	-2597 Apr 13 j 05:23	0°♈45'13	
evening rise	-2597 Apr 20 j 01:51	15°♈33'47	
	-2597 Apr 27 j 08:31	0°♉	
	-2597 May 18 j 07:20	0°♊	
evening max el	-2597 May 18 j 12:04	0°♊11'22	26°04'13
desc. node	-2597 May 23 j 13:05	4°♊18'11	
retrograde	-2597 Jun 01 j 14:02	7°♊27'17	
evening set	-2597 Jun 07 j 17:02	5°♊55'15	
min. Earth dist.	-2597 Jun 12 j 00:46	3°♊14'36	0.59037 AU
inferior conj	-2597 Jun 15 j 09:19	0°♊42'56	-4°-26'-38
minimum elong	-2597 Jun 15 j 08:14	0°♊45'00	4°26'33
	-2597 Jun 16 j 08:10	30°℞♉	
morning rise	-2597 Jun 23 j 03:11	26°♉14'40	
direct	-2597 Jun 25 j 14:39	25°♉53'49	
morning max el	-2597 Jul 03 j 11:50	29°♉38'55	18°30'33
	-2597 Jul 03 j 20:33	0°♊	
asc. node	-2597 Jul 09 j 01:10	6°♊30'26	
morning set	-2597 Jul 19 j 15:14	25°♊18'11	
	-2597 Jul 22 j 01:44	0°♋	
superior conj	-2597 Jul 28 j 16:59	12°♋36'08	1°47'12
minimum elong	-2597 Jul 28 j 18:18	12°♋42'15	1°47'13
max. Earth dist.	-2597 Aug 05 j 00:13	25°♋44'54	1.39966 AU
	-2597 Aug 07 j 11:30	0°♌	
evening rise	-2597 Aug 09 j 09:27	3°♌13'49	
desc. node	-2597 Aug 19 j 12:25	19°♌25'50	
	-2597 Aug 26 j 15:10	0°♍	
evening max el	-2597 Sep 13 j 06:30	22°♍21'50	23°40'42
retrograde	-2597 Sep 23 j 22:17	28°♍39'26	
evening set	-2597 Sep 29 j 00:05	26°♍32'54	
inferior conj	-2597 Oct 04 j 09:03	20°♍10'55	0°-13'-6
minimum elong	-2597 Oct 04 j 09:21	20°♍09'52	0°12'58
transit middle	-2597 Oct 04 j 09:21	20°♍09'52	0°12'58
transit begin	-2597 Oct 04 j 07:43	20°♍15'30	
transit end	-2597 Oct 04 j 11:00	20°♍04'14	
min. Earth dist.	-2597 Oct 03 j 22:28	20°♍47'03	0.67443 AU
asc. node	-2597 Oct 05 j 00:17	19°♍19'03	
morning rise	-2597 Oct 09 j 18:46	13°♍59'28	
direct	-2597 Oct 13 j 18:49	12°♍29'16	
morning max el	-2597 Oct 22 j 05:10	17°♍26'21	21°03'31
greatest brilliancy	-2597 Oct 27 j 19:21	23°♍58'16	-0.5m
	-2597 Nov 01 j 07:01	0°♎	
desc. node	-2597 Nov 15 j 11:58	20°♎54'26	
morning set	-2597 Nov 21 j 03:59	29°♎40'04	
	-2597 Nov 21 j 09:05	0°♏	
max. Earth dist.	-2597 Nov 29 j 11:53	12°♏57'41	1.42613 AU
superior conj	-2597 Dec 06 j 12:00	24°♏36'53	-1°-49'-6
minimum elong	-2597 Dec 06 j 07:38	24°♏18'23	1°48'56
	-2597 Dec 09 j 15:22	0°♐	
evening rise	-2597 Dec 18 j 03:11	15°♐00'56	
	-2597 Dec 26 j 15:41	0°♑	
asc. node	-2597 Dec 31 j 23:27	8°♑03'55	
evening max el	-2596 Jan 03 j 22:18	11°♑30'08	18°07'51
retrograde	-2596 Jan 10 j 14:12	14°♑56'55	
evening set	-2596 Jan 13 j 06:03	14°♑23'53	
inferior conj	-2596 Jan 19 j 20:57	9°♑20'21	3°58'41
minimum elong	-2596 Jan 19 j 20:32	9°♑21'23	3°58'37
min. Earth dist.	-2596 Jan 22 j 21:10	6°♑24'25	0.61617 AU
morning rise	-2596 Jan 26 j 08:38	3°♑31'28	
direct	-2596 Feb 02 j 08:10	1°♑04'30	
desc. node	-2596 Feb 11 j 11:11	4°♑36'48	
morning max el	-2596 Feb 16 j 09:38	8°♑50'42	27°41'03
	-2596 Mar 03 j 17:26	0°♒	
morning set	-2596 Mar 20 j 04:22	29°♒44'29	
	-2596 Mar 20 j 07:24	0°♓	
max. Earth dist.	-2596 Mar 26 j 05:03	12°♓28'44	1.32665 AU
superior conj	-2596 Mar 27 j 12:53	15°♓21'36	0°-14'-49
minimum elong	-2596 Mar 27 j 13:34	15°♓25'18	0°14'43
behind sun begin	-2596 Mar 27 j 11:41	15°♓15'04	
behind sun end	-2596 Mar 27 j 15:27	15°♓35'33	
asc. node	-2596 Mar 28 j 22:49	18°♓26'30	
	-2596 Apr 03 j 07:20	0°♈	
evening rise	-2596 Apr 03 j 13:07	0°♈30'32	
	-2596 Apr 19 j 22:24	0°♉	
evening max el	-2596 Apr 29 j 05:22	11°♉11'14	24°43'08
desc. node	-2596 May 09 j 10:08	17°♉42'45	
retrograde	-2596 May 13 j 05:06	18°♉15'54	
evening set	-2596 May 18 j 02:06	17°♉21'57	
min. Earth dist.	-2596 May 23 j 17:22	14°♉26'53	0.57134 AU
inferior conj	-2596 May 26 j 14:32	12°♉33'44	-3°-58'-18
minimum elong	-2596 May 26 j 09:35	12°♉41'53	3°57'28
morning rise	-2596 Jun 03 j 21:06	8°♉25'17	
direct	-2596 Jun 06 j 09:19	8°♉07'29	
morning max el	-2596 Jun 15 j 12:31	12°♉22'36	19°18'34
asc. node	-2596 Jun 24 j 22:12	25°♉06'43	
	-2596 Jun 27 j 15:44	0°♊	
morning set	-2596 Jul 02 j 13:50	9°♊31'15	
superior conj	-2596 Jul 10 j 20:21	25°♊56'55	1°47'46
minimum elong	-2596 Jul 10 j 19:35	25°♊53'09	1°47'49
	-2596 Jul 12 j 22:42	0°♋	
max. Earth dist.	-2596 Jul 17 j 02:17	7°♋46'51	1.38005 AU
evening rise	-2596 Jul 20 j 23:30	14°♋45'53	
	-2596 Jul 30 j 01:34	0°♌	
desc. node	-2596 Aug 05 j 09:24	9°♌45'57	
	-2596 Aug 20 j 08:22	0°♍	
evening max el	-2596 Aug 25 j 17:45	5°♍53'21	24°59'04
retrograde	-2596 Sep 06 j 10:35	12°♍41'26	
evening set	-2596 Sep 12 j 03:25	10°♍16'48	
min. Earth dist.	-2596 Sep 16 j 16:54	5°♍06'15	0.67103 AU
inferior conj	-2596 Sep 17 j 14:04	3°♍56'23	-1°-7'-21
minimum elong	-2596 Sep 17 j 15:41	3°♍51'02	1°06'39
asc. node	-2596 Sep 20 j 21:22	29°♌53'01	
	-2596 Sep 20 j 18:45	30°℞♌	
morning rise	-2596 Sep 23 j 04:22	27°♌52'03	
direct	-2596 Sep 26 j 16:38	26°♌40'43	
	-2596 Oct 03 j 04:15	0°♍	
morning max el	-2596 Oct 04 j 05:37	1°♍01'40	19°54'11
greatest brilliancy	-2596 Oct 11 j 21:20	10°♍33'13	-0.6m
	-2596 Oct 24 j 23:11	0°♎	
morning set	-2596 Oct 30 j 01:25	7°♎50'57	
desc. node	-2596 Nov 01 j 08:56	11°♎26'21	
max. Earth dist.	-2596 Nov 10 j 23:01	26°♎31'04	1.44026 AU
	-2596 Nov 13 j 03:16	0°♏	
superior conj	-2596 Nov 15 j 17:53	4°♏12'32	-1°-24'-1
minimum elong	-2596 Nov 15 j 10:30	3°♏42'36	1°23'20
evening rise	-2596 Nov 29 j 05:56	26°♏42'08	
	-2596 Dec 01 j 04:19	0°♐	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening max el	-2596 Dec 17 j 10:54	24°♐46'52	18°16'21
asc. node	-2596 Dec 17 j 20:30	25°♐10'38	
retrograde	-2596 Dec 23 j 23:26	28°♐18'10	
evening set	-2596 Dec 26 j 19:11	27°♐36'16	
inferior conj	-2595 Jan 02 j 00:00	22°♐12'13	3°46'56
minimum elong	-2595 Jan 01 j 21:51	22°♐18'06	3°46'35
min. Earth dist.	-2595 Jan 04 j 10:06	19°♐32'56	0.63461 AU
morning rise	-2595 Jan 07 j 22:55	16°♐12'33	
direct	-2595 Jan 14 j 23:17	13°♐26'13	
desc. node	-2595 Jan 28 j 08:15	20°♐51'38	
morning max el	-2595 Jan 28 j 16:45	21°♐12'31	27°38'23
	-2595 Feb 05 j 09:17	0°♑	
	-2595 Feb 24 j 18:39	0°♒	
morning set	-2595 Mar 04 j 03:22	13°♒59'04	
max. Earth dist.	-2595 Mar 09 j 10:50	24°♒54'27	1.33224 AU
superior conj	-2595 Mar 11 j 20:58	0°♓03'54	0°-40'-28
minimum elong	-2595 Mar 11 j 22:49	0°♓13'47	0°40'09
	-2595 Mar 11 j 20:14	0°♓	
asc. node	-2595 Mar 15 j 19:51	8°♓34'36	
evening rise	-2595 Mar 19 j 00:47	15°♓24'26	
	-2595 Mar 26 j 09:30	0°♈	
evening max el	-2595 Apr 10 j 21:06	21°♈52'15	23°09'30
retrograde	-2595 Apr 24 j 07:11	28°♈30'45	
desc. node	-2595 Apr 26 j 07:12	28°♈21'53	
evening set	-2595 Apr 27 j 19:44	28°♈03'38	
min. Earth dist.	-2595 May 05 j 07:21	24°♈42'16	0.55725 AU
inferior conj	-2595 May 07 j 00:16	23°♈42'29	-2°-48'-30
minimum elong	-2595 May 06 j 17:57	23°♈51'45	2°46'43
morning rise	-2595 May 15 j 19:13	19°♈45'59	
direct	-2595 May 18 j 09:46	19°♈29'34	
morning max el	-2595 May 29 j 03:07	24°♈28'32	20°27'03
	-2595 Jun 03 j 00:32	0°♉	
asc. node	-2595 Jun 11 j 19:15	14°♉16'39	
morning set	-2595 Jun 16 j 18:59	24°♉06'58	
	-2595 Jun 19 j 15:45	0°♊	
superior conj	-2595 Jun 24 j 12:17	9°♊57'43	1°40'24
minimum elong	-2595 Jun 24 j 10:13	9°♊47'17	1°40'20
max. Earth dist.	-2595 Jun 29 j 08:42	19°♊35'47	1.36217 AU
evening rise	-2595 Jul 03 j 11:38	27°♊24'17	
	-2595 Jul 04 j 21:37	0°♋	
desc. node	-2595 Jul 23 j 06:24	29°♋47'34	
	-2595 Jul 23 j 09:52	0°♌	
evening max el	-2595 Aug 08 j 04:58	19°♌27'17	26°07'23
retrograde	-2595 Aug 20 j 18:08	26°♌35'43	
evening set	-2595 Aug 27 j 01:40	23°♌56'36	
min. Earth dist.	-2595 Aug 31 j 06:51	19°♌23'51	0.66435 AU
inferior conj	-2595 Sep 01 j 15:41	17°♌41'17	-2°00'-34
minimum elong	-2595 Sep 01 j 18:32	17°♌32'22	1°59'28
morning rise	-2595 Sep 07 j 12:12	11°♌47'27	
asc. node	-2595 Sep 07 j 18:26	11°♌38'34	
direct	-2595 Sep 10 j 14:56	10°♌51'46	
morning max el	-2595 Sep 17 j 13:03	14°♌45'31	18°59'20
	-2595 Sep 28 j 19:16	0°♍	
morning set	-2595 Oct 09 j 13:00	16°♍49'27	
	-2595 Oct 17 j 21:49	0°♎	
desc. node	-2595 Oct 19 j 05:55	2°♎06'12	
max. Earth dist.	-2595 Oct 24 j 15:44	10°♎36'59	1.44794 AU
superior conj	-2595 Oct 26 j 00:17	12°♎45'22	0°-42'-30
minimum elong	-2595 Oct 25 j 18:55	12°♎24'11	0°41'51
	-2595 Nov 05 j 20:09	0°♏	
evening rise	-2595 Nov 10 j 10:08	7°♏24'37	
	-2595 Nov 24 j 14:18	0°♐	
evening max el	-2595 Nov 30 j 22:39	8°♐10'19	18°43'02
asc. node	-2595 Dec 04 j 17:34	11°♐09'55	
retrograde	-2595 Dec 07 j 15:51	11°♐56'35	
evening set	-2595 Dec 10 j 16:44	11°♐04'18	
inferior conj	-2595 Dec 16 j 13:53	5°♐22'11	3°20'23
minimum elong	-2595 Dec 16 j 10:57	5°♐31'03	3°19'39
min. Earth dist.	-2595 Dec 18 j 08:54	3°♐12'35	0.64973 AU
	-2595 Dec 21 j 07:57	30°℞♏	
morning rise	-2595 Dec 22 j 04:04	29°♏14'33	
direct	-2595 Dec 28 j 21:03	26°♏24'06	
	-2594 Jan 06 j 12:04	0°♐	
morning max el	-2594 Jan 11 j 02:16	4°♐03'10	27°02'19
desc. node	-2594 Jan 15 j 05:18	8°♐30'44	
	-2594 Jan 30 j 20:00	0°♑	
morning set	-2594 Feb 15 j 16:44	27°♑40'08	
	-2594 Feb 16 j 21:32	0°♒	
max. Earth dist.	-2594 Feb 20 j 07:21	6°♒47'57	1.34208 AU
superior conj	-2594 Feb 24 j 00:19	14°♒27'08	-1°-5'-10
minimum elong	-2594 Feb 24 j 03:09	14°♒41'57	1°04'44
asc. node	-2594 Mar 02 j 16:53	28°♒33'49	
evening rise	-2594 Mar 03 j 11:02	0°♓08'36	
	-2594 Mar 03 j 09:23	0°♓	
	-2594 Mar 21 j 04:09	0°♈	
evening max el	-2594 Mar 23 j 17:30	2°♈41'04	21°37'25
retrograde	-2594 Apr 04 j 22:50	8°♈36'06	
evening set	-2594 Apr 07 j 12:40	8°♈21'07	
desc. node	-2594 Apr 13 j 04:18	6°♈18'45	
inferior conj	-2594 Apr 16 j 20:53	4°♈19'11	-1°-1'-53
minimum elong	-2594 Apr 16 j 17:59	4°♈23'15	1°00'54
min. Earth dist.	-2594 Apr 16 j 20:47	4°♈19'19	0.55111 AU
morning rise	-2594 Apr 25 j 23:55	0°♈19'18	
direct	-2594 Apr 28 j 22:09	0°♈00'29	
morning max el	-2594 May 11 j 06:49	5°♈52'02	21°53'40
	-2594 May 27 j 17:24	0°♉	
asc. node	-2594 May 29 j 16:17	3°♉50'53	
morning set	-2594 Jun 01 j 04:19	8°♉57'19	
superior conj	-2594 Jun 08 j 12:53	24°♉25'57	1°27'06
minimum elong	-2594 Jun 08 j 10:17	24°♉12'24	1°26'51
	-2594 Jun 11 j 05:18	0°♊	
max. Earth dist.	-2594 Jun 11 j 23:43	1°♊34'03	1.34744 AU
evening rise	-2594 Jun 16 j 16:26	10°♊53'17	
	-2594 Jun 27 j 07:47	0°♋	
desc. node	-2594 Jul 10 j 03:26	19°♋21'35	
	-2594 Jul 18 j 19:57	0°♌	
evening max el	-2594 Jul 21 j 16:28	2°♌55'36	26°57'53
retrograde	-2594 Aug 03 j 20:36	10°♌14'59	
evening set	-2594 Aug 10 j 16:28	7°♌28'31	
min. Earth dist.	-2594 Aug 14 j 14:01	3°♌34'16	0.65399 AU
inferior conj	-2594 Aug 16 j 11:49	1°♌21'38	-2°-50'-47
minimum elong	-2594 Aug 16 j 15:37	1°♌10'38	2°49'32
	-2594 Aug 17 j 16:22	30°℞♋	
morning rise	-2594 Aug 22 j 16:03	25°♋41'33	
direct	-2594 Aug 25 j 11:33	24°♋58'09	
asc. node	-2594 Aug 25 j 15:30	24°♋58'18	
morning max el	-2594 Sep 01 j 01:34	28°♋33'54	18°20'43
	-2594 Sep 02 j 09:26	0°♌	
morning set	-2594 Sep 20 j 03:32	27°♌07'51	
	-2594 Sep 21 j 21:35	0°♍	
superior conj	-2594 Oct 05 j 00:38	21°♍06'42	0°07'03
minimum elong	-2594 Oct 05 j 01:33	21°♍10'17	0°06'57
behind sun begin	-2594 Oct 04 j 15:22	20°♍29'58	
behind sun end	-2594 Oct 05 j 11:44	21°♍50'35	
desc. node	-2594 Oct 06 j 02:55	22°♍50'38	
max. Earth dist.	-2594 Oct 07 j 10:18	24°♍54'27	1.44829 AU
	-2594 Oct 10 j 15:58	0°♎	
evening rise	-2594 Oct 21 j 14:00	17°♎06'14	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2594 Oct 29 j 20:16	0°♏	
greatest brilliancy	-2594 Nov 05 j 04:54	9°♏41'14	-0.7m
evening max el	-2594 Nov 14 j 07:11	21°♏36'40	19°26'38
retrograde	-2594 Nov 21 j 12:08	25°♏46'49	
asc. node	-2594 Nov 21 j 14:37	25°♏46'46	
evening set	-2594 Nov 24 j 19:56	24°♏42'13	
inferior conj	-2594 Nov 30 j 11:29	18°♏45'10	2°43'31
minimum elong	-2594 Nov 30 j 08:31	18°♏54'46	2°42'34
min. Earth dist.	-2594 Dec 01 j 16:34	17°♏11'17	0.66115 AU
morning rise	-2594 Dec 05 j 20:19	12°♏32'00	
direct	-2594 Dec 12 j 00:56	9°♏49'44	
morning max el	-2594 Dec 24 j 11:50	17°♏10'27	25°59'52
desc. node	-2593 Jan 02 j 02:21	27°♏09'25	
	-2593 Jan 04 j 06:11	0°♐	
	-2593 Jan 23 j 18:09	0°♑	
morning set	-2593 Jan 29 j 16:19	10°♑35'14	
max. Earth dist.	-2593 Feb 02 j 16:06	18°♑07'55	1.35637 AU
superior conj	-2593 Feb 07 j 20:30	28°♑23'53	-1°-27'-27
minimum elong	-2593 Feb 07 j 23:52	28°♑40'57	1°27'04
	-2593 Feb 08 j 15:25	0°♒	
evening rise	-2593 Feb 15 j 17:58	14°♒36'43	
asc. node	-2593 Feb 17 j 13:56	18°♒19'28	
	-2593 Feb 23 j 18:08	0°♓	
evening max el	-2593 Mar 05 j 23:35	14°♓00'10	20°17'44
retrograde	-2593 Mar 16 j 13:34	19°♓02'56	
evening set	-2593 Mar 18 j 19:17	18°♓50'21	
inferior conj	-2593 Mar 27 j 17:44	14°♓51'45	0°55'14
minimum elong	-2593 Mar 27 j 20:08	14°♓48'10	0°54'23
min. Earth dist.	-2593 Mar 29 j 10:58	13°♓50'42	0.55440 AU
desc. node	-2593 Mar 31 j 01:23	12°♓55'53	
morning rise	-2593 Apr 05 j 18:38	10°♓29'41	
direct	-2593 Apr 09 j 11:33	9°♓59'43	
morning max el	-2593 Apr 23 j 01:43	16°♓40'43	23°31'43
	-2593 May 03 j 17:04	0°♈	
morning set	-2593 May 16 j 15:54	23°♈56'14	
asc. node	-2593 May 16 j 13:20	23°♈42'51	
	-2593 May 19 j 12:28	0°♉	
superior conj	-2593 May 23 j 19:16	9°♉12'35	1°09'21
minimum elong	-2593 May 23 j 16:46	8°♉59'10	1°08'59
max. Earth dist.	-2593 May 26 j 00:13	13°♉54'42	1.33648 AU
evening rise	-2593 May 31 j 09:20	24°♉59'39	
	-2593 Jun 02 j 22:34	0°♊	
	-2593 Jun 20 j 19:41	0°♋	
desc. node	-2593 Jun 27 j 00:28	8°♋16'10	
evening max el	-2593 Jul 04 j 03:18	16°♋07'43	27°23'23
retrograde	-2593 Jul 17 j 17:36	23°♋30'35	
evening set	-2593 Jul 24 j 20:49	20°♋47'59	
min. Earth dist.	-2593 Jul 28 j 12:27	17°♋29'08	0.63980 AU
inferior conj	-2593 Jul 31 j 00:00	14°♋52'28	-3°-35'-13
minimum elong	-2593 Jul 31 j 04:07	14°♋41'37	3°34'10
morning rise	-2593 Aug 06 j 13:17	9°♋29'18	
direct	-2593 Aug 09 j 03:56	8°♋55'01	
asc. node	-2593 Aug 12 j 12:35	9°♋51'57	
morning max el	-2593 Aug 15 j 16:35	12°♋21'18	17°59'21
	-2593 Aug 27 j 18:42	0°♌	
morning set	-2593 Sep 01 j 20:41	8°♌42'39	
superior conj	-2593 Sep 14 j 16:59	0°♍18'16	0°51'54
minimum elong	-2593 Sep 14 j 22:07	0°♍39'13	0°51'18
	-2593 Sep 14 j 12:30	0°♍	
max. Earth dist.	-2593 Sep 20 j 03:07	9°♍03'20	1.44146 AU
desc. node	-2593 Sep 22 j 23:55	13°♍36'17	
evening rise	-2593 Sep 30 j 23:00	26°♍01'30	
	-2593 Oct 03 j 13:00	0°♎	
greatest brilliancy	-2593 Oct 22 j 02:00	27°♎20'37	-0.6m
	-2593 Oct 24 j 02:35	0°♏	
evening max el	-2593 Oct 28 j 10:40	5°♏03'23	20°25'12
retrograde	-2593 Nov 05 j 09:33	9°♏44'40	
asc. node	-2593 Nov 08 j 11:42	8°♏49'37	
evening set	-2593 Nov 09 j 02:27	8°♏25'18	
inferior conj	-2593 Nov 14 j 14:11	2°♏16'49	1°59'23
minimum elong	-2593 Nov 14 j 11:44	2°♏25'08	1°58'28
min. Earth dist.	-2593 Nov 15 j 06:56	1°♏20'16	0.66906 AU
	-2593 Nov 16 j 07:07	30°℞♎	
morning rise	-2593 Nov 19 j 20:28	26°♎00'36	
direct	-2593 Nov 25 j 10:18	23°♎34'58	
	-2593 Dec 06 j 11:01	0°♏	
morning max el	-2593 Dec 06 j 20:24	0°♏23'26	24°40'13
desc. node	-2593 Dec 19 j 23:23	16°♏29'38	
	-2593 Dec 29 j 04:52	0°♐	
morning set	-2592 Jan 11 j 20:27	22°♐27'30	
max. Earth dist.	-2592 Jan 15 j 14:28	29°♐11'01	1.37472 AU
	-2592 Jan 16 j 01:10	0°♑	
superior conj	-2592 Jan 22 j 06:12	11°♑44'16	-1°-45'-18
minimum elong	-2592 Jan 22 j 09:16	11°♑59'07	1°45'08
evening rise	-2592 Jan 30 j 19:16	28°♑41'13	
	-2592 Jan 31 j 11:07	0°♒	
asc. node	-2592 Feb 04 j 10:58	7°♒45'10	
evening max el	-2592 Feb 16 j 16:27	25°♒55'49	19°15'52
	-2592 Feb 23 j 15:48	0°♓	
retrograde	-2592 Feb 25 j 15:09	0°♓12'09	
evening set	-2592 Feb 27 j 22:12	29°♒56'32	
	-2592 Feb 27 j 15:37	30°℞♒	
inferior conj	-2592 Mar 07 j 03:57	25°♒46'48	2°31'09
minimum elong	-2592 Mar 07 j 08:44	25°♒38'45	2°29'50
min. Earth dist.	-2592 Mar 10 j 02:12	23°♒49'29	0.56633 AU
morning rise	-2592 Mar 15 j 15:21	20°♒53'48	
desc. node	-2592 Mar 16 j 22:28	20°♒28'42	
direct	-2592 Mar 20 j 12:26	19°♒58'44	
morning max el	-2592 Apr 03 j 16:36	27°♒14'00	25°09'34
	-2592 Apr 06 j 08:56	0°♓	
	-2592 Apr 25 j 18:21	0°♈	
morning set	-2592 Apr 30 j 04:03	8°♈57'39	
asc. node	-2592 May 02 j 10:24	13°♈46'41	
superior conj	-2592 May 07 j 05:10	24°♈09'52	0°48'19
minimum elong	-2592 May 07 j 03:13	23°♈59'12	0°47'58
max. Earth dist.	-2592 May 08 j 08:26	26°♈37'57	1.32922 AU
	-2592 May 09 j 21:52	0°♉	
evening rise	-2592 May 14 j 10:40	9°♉31'53	
	-2592 May 25 j 07:04	0°♊	
desc. node	-2592 Jun 12 j 21:31	26°♊14'46	
evening max el	-2592 Jun 15 j 11:31	28°♊51'57	27°18'18
	-2592 Jun 16 j 16:58	0°♋	
retrograde	-2592 Jun 29 j 08:18	6°♋13'20	
evening set	-2592 Jul 06 j 10:56	3°♋48'33	
min. Earth dist.	-2592 Jul 10 j 01:05	0°♋56'25	0.62216 AU
	-2592 Jul 11 j 01:37	30°℞♊	
inferior conj	-2592 Jul 13 j 01:16	28°♊07'23	-4°-9'-38
minimum elong	-2592 Jul 13 j 04:36	27°♊59'32	4°09'05
morning rise	-2592 Jul 20 j 00:48	23°♊03'53	
direct	-2592 Jul 22 j 12:51	22°♊36'05	
asc. node	-2592 Jul 29 j 09:40	26°♊07'24	
morning max el	-2592 Jul 29 j 07:19	26°♊01'35	17°56'11
	-2592 Aug 01 j 16:44	0°♋	
morning set	-2592 Aug 14 j 11:10	21°♋19'00	
	-2592 Aug 19 j 07:24	0°♌	
superior conj	-2592 Aug 25 j 12:16	10°♌50'04	1°24'05
minimum elong	-2592 Aug 25 j 17:20	11°♌11'41	1°23'39
max. Earth dist.	-2592 Sep 01 j 15:54	22°♌47'55	1.42843 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2592 Sep 06 j 03:03	0°♍	
desc. node	-2592 Sep 08 j 20:55	4°♍20'13	
evening rise	-2592 Sep 09 j 05:24	4°♍53'29	
	-2592 Sep 25 j 22:36	0°♎	
greatest brilliancy	-2592 Oct 05 j 08:56	12°♎48'11	-0.4m
evening max el	-2592 Oct 10 j 08:15	18°♎30'31	21°35'49
retrograde	-2592 Oct 19 j 06:08	23°♎48'02	
evening set	-2592 Oct 23 j 10:22	22°♎11'29	
asc. node	-2592 Oct 25 j 08:46	20°♎21'34	
inferior conj	-2592 Oct 28 j 19:52	15°♎55'02	1°10'16
minimum elong	-2592 Oct 28 j 18:18	16°♎00'27	1°09'37
min. Earth dist.	-2592 Oct 29 j 01:33	15°♎35'25	0.67366 AU
morning rise	-2592 Nov 03 j 01:56	9°♎38'33	
direct	-2592 Nov 08 j 00:27	7°♎34'00	
morning max el	-2592 Nov 18 j 05:43	13°♎39'37	23°13'28
greatest brilliancy	-2592 Nov 23 j 09:38	19°♎28'15	-0.3m
	-2592 Dec 01 j 09:45	0°♏	
desc. node	-2592 Dec 05 j 20:25	6°♏19'50	
	-2592 Dec 21 j 03:09	0°♐	
morning set	-2592 Dec 22 j 22:56	3°♐01'23	
max. Earth dist.	-2592 Dec 27 j 09:40	10°♐35'21	1.39551 AU
superior conj	-2591 Jan 04 j 01:19	24°♐17'51	-1°-55'-56
minimum elong	-2591 Jan 04 j 02:43	24°♐24'17	1°56'00
	-2591 Jan 07 j 02:32	0°♑	
evening rise	-2591 Jan 13 j 12:19	12°♑16'02	
asc. node	-2591 Jan 21 j 08:00	26°♑44'23	
	-2591 Jan 23 j 07:22	0°♒	
evening max el	-2591 Jan 29 j 18:28	8°♒24'18	18°33'43
retrograde	-2591 Feb 06 j 10:54	12°♒09'15	
evening set	-2591 Feb 08 j 21:38	11°♒47'45	
inferior conj	-2591 Feb 16 j 10:11	7°♒18'24	3°30'50
minimum elong	-2591 Feb 16 j 13:45	7°♒11'24	3°30'13
min. Earth dist.	-2591 Feb 19 j 19:43	4°♒40'13	0.58425 AU
morning rise	-2591 Feb 24 j 02:11	1°♒57'59	
direct	-2591 Mar 02 j 02:30	0°♒26'29	
desc. node	-2591 Mar 03 j 19:33	0°♒33'50	
morning max el	-2591 Mar 16 j 09:25	7°♒59'44	26°32'12
	-2591 Apr 01 j 22:12	0°♓	
morning set	-2591 Apr 14 j 15:03	23°♓55'17	
	-2591 Apr 17 j 11:40	0°♈	
asc. node	-2591 Apr 19 j 07:25	3°♈57'17	
superior conj	-2591 Apr 21 j 16:43	9°♈10'45	0°24'54
minimum elong	-2591 Apr 21 j 15:38	9°♈04'48	0°24'40
max. Earth dist.	-2591 Apr 21 j 20:59	9°♈34'10	1.32549 AU
evening rise	-2591 Apr 28 j 17:35	24°♈20'03	
	-2591 May 01 j 12:03	0°♉	
	-2591 May 19 j 05:49	0°♊	
evening max el	-2591 May 28 j 14:31	10°♊56'33	26°40'14
desc. node	-2591 May 30 j 18:34	12°♊53'23	
retrograde	-2591 Jun 11 j 15:04	18°♊14'20	
evening set	-2591 Jun 18 j 06:26	16°♊20'41	
min. Earth dist.	-2591 Jun 22 j 03:56	13°♊40'54	0.60218 AU
inferior conj	-2591 Jun 25 j 12:04	10°♊57'03	-4°-27'-30
minimum elong	-2591 Jun 25 j 13:03	10°♊55'02	4°27'24
morning rise	-2591 Jul 02 j 22:55	6°♊15'31	
direct	-2591 Jul 05 j 10:22	5°♊52'21	
morning max el	-2591 Jul 12 j 18:50	9°♊26'44	18°12'13
asc. node	-2591 Jul 16 j 06:44	13°♊28'33	
	-2591 Jul 26 j 05:15	0°♋	
morning set	-2591 Jul 28 j 17:25	4°♋41'34	
superior conj	-2591 Aug 07 j 09:38	22°♋39'21	1°42'18
minimum elong	-2591 Aug 07 j 12:24	22°♋51'52	1°42'12
	-2591 Aug 11 j 12:56	0°♌	
max. Earth dist.	-2591 Aug 14 j 23:21	5°♌54'29	1.41094 AU
evening rise	-2591 Aug 20 j 03:42	14°♌30'49	
desc. node	-2591 Aug 26 j 17:54	24°♌58'22	
	-2591 Aug 30 j 00:45	0°♍	
greatest brilliancy	-2591 Sep 17 j 23:10	26°♍19'00	-0.3m
	-2591 Sep 21 j 03:28	0°♎	
evening max el	-2591 Sep 23 j 00:15	1°♎57'57	22°54'15
retrograde	-2591 Oct 03 j 00:17	7°♎53'43	
evening set	-2591 Oct 07 j 17:53	5°♎58'11	
asc. node	-2591 Oct 12 j 05:50	0°♎48'47	
	-2591 Oct 12 j 20:04	30°♍	
inferior conj	-2591 Oct 13 j 02:38	29°♍37'19	0°17'54
minimum elong	-2591 Oct 13 j 02:13	29°♍38'46	0°17'42
min. Earth dist.	-2591 Oct 12 j 21:57	29°♍53'29	0.67510 AU
morning rise	-2591 Oct 18 j 10:30	23°♍23'23	
direct	-2591 Oct 22 j 18:21	21°♍41'01	
morning max el	-2591 Oct 31 j 19:11	27°♍01'26	21°48'40
	-2591 Nov 03 j 12:42	0°♎	
greatest brilliancy	-2591 Nov 05 j 16:40	2°♎36'01	-0.4m
desc. node	-2591 Nov 22 j 17:27	26°♎31'06	
	-2591 Nov 25 j 00:36	0°♏	
morning set	-2591 Dec 02 j 20:30	12°♏12'04	
max. Earth dist.	-2591 Dec 09 j 09:38	22°♏51'08	1.41584 AU
	-2591 Dec 13 j 15:22	0°♐	
superior conj	-2591 Dec 17 j 00:32	5°♐51'19	-1°-55'-44
minimum elong	-2591 Dec 16 j 22:35	5°♐42'47	1°55'46
evening rise	-2591 Dec 27 j 17:49	25°♐14'02	
	-2591 Dec 30 j 08:02	0°♑	
asc. node	-2590 Jan 08 j 05:01	15°♑08'59	
evening max el	-2590 Jan 13 j 02:51	21°♑17'57	18°11'36
retrograde	-2590 Jan 20 j 00:41	24°♑47'33	
evening set	-2590 Jan 22 j 14:41	24°♑18'57	
inferior conj	-2590 Jan 29 j 12:34	19°♑27'28	3°56'21
minimum elong	-2590 Jan 29 j 13:32	19°♑25'15	3°56'15
min. Earth dist.	-2590 Feb 01 j 18:41	16°♑31'22	0.60457 AU
morning rise	-2590 Feb 05 j 09:33	13°♑47'03	
direct	-2590 Feb 12 j 03:46	11°♑38'12	
desc. node	-2590 Feb 18 j 16:38	13°♑27'25	
morning max el	-2590 Feb 26 j 08:14	19°♑20'42	27°26'14
	-2590 Mar 07 j 10:06	0°♒	
	-2590 Mar 25 j 14:52	0°♓	
morning set	-2590 Mar 29 j 23:10	8°♓42'53	
max. Earth dist.	-2590 Apr 05 j 10:07	22°♓30'25	1.32520 AU
superior conj	-2590 Apr 06 j 04:15	24°♓09'31	0°00'-4
minimum elong	-2590 Apr 06 j 04:15	24°♓09'31	0°00'05
behind sun begin	-2590 Apr 05 j 23:18	23°♓42'24	
behind sun end	-2590 Apr 06 j 09:13	24°♓36'39	
asc. node	-2590 Apr 06 j 04:26	24°♓10'31	
	-2590 Apr 08 j 20:21	0°♈	
evening rise	-2590 Apr 13 j 03:50	9°♈16'12	
	-2590 Apr 23 j 22:44	0°♉	
evening max el	-2590 May 10 j 10:52	22°♉17'32	25°32'12
desc. node	-2590 May 17 j 15:36	27°♉40'01	
retrograde	-2590 May 24 j 12:21	29°♉29'27	
evening set	-2590 May 30 j 03:57	28°♉14'05	
min. Earth dist.	-2590 Jun 03 j 22:59	25°♉29'20	0.58194 AU
inferior conj	-2590 Jun 07 j 04:48	23°♉11'44	-4°-19'-17
minimum elong	-2590 Jun 07 j 02:01	23°♉16'43	4°19'00
morning rise	-2590 Jun 15 j 04:00	18°♉52'32	
direct	-2590 Jun 17 j 15:56	18°♉32'58	
morning max el	-2590 Jun 26 j 00:19	22°♉28'36	18°48'27
	-2590 Jul 02 j 01:46	0°♊	
asc. node	-2590 Jul 03 j 03:48	1°♊41'13	
morning set	-2590 Jul 12 j 11:04	18°♊39'09	
	-2590 Jul 18 j 06:29	0°♋	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2590 Jul 21 j 03:44	5°♋31'57	1°48'32
minimum elong	-2590 Jul 21 j 04:05	5°♋33'35	1°48'37
max. Earth dist.	-2590 Jul 28 j 02:20	18°♋18'01	1.39131 AU
evening rise	-2590 Aug 01 j 03:11	25°♋20'14	
	-2590 Aug 03 j 21:32	0°♌	
desc. node	-2590 Aug 13 j 14:52	15°♌26'40	
	-2590 Aug 23 j 17:20	0°♍	
evening max el	-2590 Sep 05 j 12:25	15°♍27'21	24°14'36
retrograde	-2590 Sep 16 j 14:59	21°♍58'38	
evening set	-2590 Sep 21 j 23:17	19°♍43'52	
min. Earth dist.	-2590 Sep 26 j 17:42	14°♍12'59	0.67346 AU
inferior conj	-2590 Sep 27 j 08:47	13°♍22'07	0°-36'-7
minimum elong	-2590 Sep 27 j 09:39	13°♍19'13	0°35'45
asc. node	-2590 Sep 29 j 02:54	11°♍03'11	
morning rise	-2590 Oct 02 j 20:17	7°♍13'36	
direct	-2590 Oct 06 j 15:03	5°♍51'55	
morning max el	-2590 Oct 14 j 15:30	10°♍32'13	20°32'22
greatest brilliancy	-2590 Oct 20 j 22:53	18°♍04'45	-0.5m
	-2590 Oct 29 j 09:08	0°♎	
desc. node	-2590 Nov 09 j 14:25	16°♎56'54	
morning set	-2590 Nov 11 j 20:49	20°♎27'07	
	-2590 Nov 17 j 22:56	0°♏	
max. Earth dist.	-2590 Nov 21 j 17:03	6°♏00'14	1.43285 AU
superior conj	-2590 Nov 27 j 22:15	16°♏10'51	-1°-40'-37
minimum elong	-2590 Nov 27 j 16:14	15°♏45'51	1°40'13
	-2590 Dec 06 j 01:29	0°♐	
evening rise	-2590 Dec 10 j 07:41	7°♐26'04	
	-2590 Dec 23 j 21:50	0°♑	
asc. node	-2590 Dec 26 j 02:04	2°♑47'49	
evening max el	-2590 Dec 27 j 14:39	4°♑27'55	18°09'09
retrograde	-2589 Jan 03 j 04:11	7°♑55'38	
evening set	-2589 Jan 05 j 21:30	7°♑19'02	
inferior conj	-2589 Jan 12 j 07:46	2°♑06'17	3°55'54
minimum elong	-2589 Jan 12 j 06:30	2°♑09'33	3°55'44
	-2589 Jan 14 j 08:31	30°℞♐	
min. Earth dist.	-2589 Jan 15 j 02:12	29°♐15'23	0.62428 AU
morning rise	-2589 Jan 18 j 13:27	26°♐12'06	
direct	-2589 Jan 25 j 14:17	23°♐35'17	
desc. node	-2589 Feb 05 j 13:43	28°♐39'24	
	-2589 Feb 07 j 02:28	0°♑	
morning max el	-2589 Feb 08 j 13:09	1°♑22'33	27°44'27
	-2589 Mar 01 j 13:42	0°♒	
morning set	-2589 Mar 14 j 02:13	23°♒11'57	
	-2589 Mar 17 j 09:14	0°♓	
max. Earth dist.	-2589 Mar 19 j 19:45	5°♓11'01	1.32852 AU
superior conj	-2589 Mar 21 j 14:04	8°♓59'12	0°-25'-45
minimum elong	-2589 Mar 21 j 15:15	9°♓05'36	0°25'32
asc. node	-2589 Mar 24 j 01:26	14°♓21'23	
evening rise	-2589 Mar 28 j 15:28	24°♓12'19	
	-2589 Mar 31 j 10:40	0°♈	
	-2589 Apr 19 j 03:41	0°♉	
evening max el	-2589 Apr 22 j 02:30	3°♉05'00	24°03'54
desc. node	-2589 May 04 j 12:41	9°♉57'02	
retrograde	-2589 May 05 j 22:12	10°♉01'31	
evening set	-2589 May 10 j 05:04	9°♉20'36	
min. Earth dist.	-2589 May 16 j 13:54	6°♉15'44	0.56452 AU
inferior conj	-2589 May 19 j 01:19	4°♉43'40	-3°-33'-59
minimum elong	-2589 May 18 j 19:16	4°♉53'06	3°32'39
morning rise	-2589 May 27 j 13:24	0°♉42'07	
direct	-2589 May 30 j 02:11	0°♉25'17	
morning max el	-2589 Jun 08 j 20:59	4°♉57'09	19°45'23
asc. node	-2589 Jun 20 j 00:50	20°♉32'42	
	-2589 Jun 25 j 00:12	0°♊	
morning set	-2589 Jun 26 j 12:45	3°♊02'30	

superior conj	-2589 Jul 04 j 13:01	19°♊11'34	1°45'29
minimum elong	-2589 Jul 04 j 11:36	19°♊04'33	1°45'30
max. Earth dist.	-2589 Jul 10 j 05:14	0°♋10'00	1.37208 AU
	-2589 Jul 10 j 03:06	0°♋	
evening rise	-2589 Jul 14 j 03:12	7°♋21'57	
	-2589 Jul 27 j 17:25	0°♌	
desc. node	-2589 Jul 31 j 11:52	5°♌40'00	
evening max el	-2589 Aug 18 j 23:16	28°♌59'58	25°29'44
	-2589 Aug 20 j 00:21	0°♍	
retrograde	-2589 Aug 31 j 01:32	5°♍58'44	
evening set	-2589 Sep 06 j 00:47	3°♍27'03	
	-2589 Sep 09 j 06:44	30°℞♌	
min. Earth dist.	-2589 Sep 10 j 10:33	28°♌32'26	0.66859 AU
inferior conj	-2589 Sep 11 j 12:37	27°♌08'08	-1°-30'-9
minimum elong	-2589 Sep 11 j 14:47	27°♌01'08	1°29'16
asc. node	-2589 Sep 15 j 23:59	22°♌03'19	
morning rise	-2589 Sep 17 j 05:24	21°♌07'59	
direct	-2589 Sep 20 j 13:13	20°♌03'56	
morning max el	-2589 Sep 27 j 19:14	24°♌12'28	19°28'57
	-2589 Oct 02 j 15:49	0°♍	
greatest brilliancy	-2589 Oct 06 j 22:51	6°♍00'52	-0.7m
morning set	-2589 Oct 21 j 21:46	28°♍51'56	
	-2589 Oct 22 j 15:16	0°♎	
desc. node	-2589 Oct 27 j 11:24	7°♎32'58	
max. Earth dist.	-2589 Nov 04 j 06:40	19°♎49'10	1.44434 AU
superior conj	-2589 Nov 07 j 17:01	25°♎16'34	-1°-8'-6
minimum elong	-2589 Nov 07 j 09:42	24°♎47'25	1°07'20
	-2589 Nov 10 j 15:40	0°♏	
evening rise	-2589 Nov 22 j 01:25	18°♏43'47	
	-2589 Nov 28 j 19:32	0°♐	
evening max el	-2589 Dec 11 j 03:12	17°♐48'20	18°25'33
asc. node	-2589 Dec 12 j 23:07	19°♐28'04	
retrograde	-2589 Dec 17 j 17:00	21°♐25'06	
evening set	-2589 Dec 20 j 14:37	20°♐39'12	
inferior conj	-2589 Dec 26 j 15:55	15°♐07'15	3°37'10
minimum elong	-2589 Dec 26 j 13:20	15°♐14'40	3°36'39
min. Earth dist.	-2589 Dec 28 j 19:38	12°♐39'08	0.64145 AU
morning rise	-2588 Jan 01 j 10:38	9°♐03'37	
direct	-2588 Jan 08 j 08:37	6°♐13'32	
morning max el	-2588 Jan 21 j 21:47	13°♐58'54	27°26'43
desc. node	-2588 Jan 23 j 10:46	15°♐33'52	
	-2588 Feb 03 j 22:45	0°♑	
	-2588 Feb 22 j 03:16	0°♒	
morning set	-2588 Feb 25 j 21:33	7°♒13'46	
max. Earth dist.	-2588 Mar 01 j 21:50	17°♒23'05	1.33586 AU
superior conj	-2588 Mar 04 j 20:24	23°♒34'08	0°-51'-8
minimum elong	-2588 Mar 04 j 22:41	23°♒46'20	0°50'46
	-2588 Mar 07 j 20:40	0°♓	
asc. node	-2588 Mar 09 j 22:28	4°♓26'05	
evening rise	-2588 Mar 12 j 02:44	9°♓02'27	
	-2588 Mar 23 j 04:50	0°♈	
evening max el	-2588 Apr 02 j 19:23	13°♈45'34	22°29'22
retrograde	-2588 Apr 15 j 19:30	20°♈07'50	
evening set	-2588 Apr 18 j 20:17	19°♈47'38	
desc. node	-2588 Apr 20 j 09:47	19°♈22'25	
min. Earth dist.	-2588 Apr 27 j 03:48	16°♈10'51	0.55350 AU
inferior conj	-2588 Apr 28 j 04:11	15°♈36'07	-2°-6'-40
minimum elong	-2588 Apr 27 j 22:47	15°♈43'51	2°04'57
morning rise	-2588 May 07 j 03:24	11°♈40'09	
direct	-2588 May 09 j 19:56	11°♈23'31	
morning max el	-2588 May 21 j 06:57	16°♈45'00	21°02'00
	-2588 May 31 j 10:33	0°♉	
asc. node	-2588 Jun 05 j 21:52	9°♉53'30	
morning set	-2588 Jun 09 j 19:52	17°♉44'30	
	-2588 Jun 15 j 17:22	0°♊	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2588 Jun 17 j 08:59	3°♊24'52	1°35'24
minimum elong	-2588 Jun 17 j 06:37	3°♊12'40	1°35'14
max. Earth dist.	-2588 Jun 21 j 14:30	11°♊58'06	1.35542 AU
evening rise	-2588 Jun 25 j 23:01	20°♊23'24	
	-2588 Jul 01 j 05:35	0°♋	
desc. node	-2588 Jul 17 j 08:55	25°♋31'02	
	-2588 Jul 20 j 15:49	0°♌	
evening max el	-2588 Jul 31 j 10:35	12°♌32'29	26°31'37
retrograde	-2588 Aug 13 j 07:11	19°♌47'23	
evening set	-2588 Aug 19 j 20:12	17°♌04'10	
min. Earth dist.	-2588 Aug 23 j 22:02	12°♌47'39	0.66031 AU
inferior conj	-2588 Aug 25 j 12:12	10°♌51'48	-2°-22'-25
minimum elong	-2588 Aug 25 j 15:30	10°♌41'46	2°21'12
morning rise	-2588 Aug 31 j 11:48	5°♌03'13	
asc. node	-2588 Sep 01 j 21:05	4°♌27'28	
direct	-2588 Sep 03 j 11:05	4°♌13'14	
morning max el	-2588 Sep 10 j 05:05	7°♌58'42	18°40'50
	-2588 Sep 25 j 14:30	0°♍	
morning set	-2588 Sep 30 j 20:12	8°♍23'01	
desc. node	-2588 Oct 13 j 08:23	28°♍15'10	
	-2588 Oct 14 j 10:58	0°♎	
superior conj	-2588 Oct 16 j 18:09	3°♎37'16	0°-21'-44
minimum elong	-2588 Oct 16 j 15:16	3°♎25'56	0°21'22
max. Earth dist.	-2588 Oct 17 j 00:08	4°♎00'48	1.44899 AU
evening rise	-2588 Nov 01 j 19:10	28°♎59'46	
	-2588 Nov 02 j 10:16	0°♏	
	-2588 Nov 22 j 10:46	0°♐	
evening max el	-2588 Nov 23 j 13:54	1°♐13'40	18°59'38
asc. node	-2588 Nov 28 j 20:12	4°♐54'06	
retrograde	-2588 Nov 30 j 11:18	5°♐08'53	
evening set	-2588 Dec 03 j 14:52	4°♐11'43	
	-2588 Dec 08 j 01:49	30°℞♏	
inferior conj	-2588 Dec 09 j 09:26	28°♏23'09	3°05'45
minimum elong	-2588 Dec 09 j 06:24	28°♏32'36	3°04'55
min. Earth dist.	-2588 Dec 10 j 22:27	26°♏28'04	0.65511 AU
morning rise	-2588 Dec 14 j 20:59	22°♏12'56	
direct	-2588 Dec 21 j 09:18	19°♏24'18	
morning max el	-2587 Jan 03 j 07:19	26°♏57'10	26°38'17
	-2587 Jan 06 j 04:20	0°♐	
desc. node	-2587 Jan 09 j 07:49	3°♐40'34	
	-2587 Jan 27 j 13:41	0°♑	
morning set	-2587 Feb 08 j 05:38	20°♑36'46	
max. Earth dist.	-2587 Feb 12 j 13:07	28°♑59'41	1.34760 AU
	-2587 Feb 13 j 01:13	0°♒	
superior conj	-2587 Feb 16 j 21:02	7°♒47'08	-1°-15'-1
minimum elong	-2587 Feb 17 j 00:10	8°♒03'19	1°14'36
evening rise	-2587 Feb 24 j 11:48	23°♒40'15	
asc. node	-2587 Feb 24 j 19:31	24°♒20'06	
	-2587 Feb 27 j 14:37	0°♓	
evening max el	-2587 Mar 15 j 19:42	24°♓46'10	21°01'39
	-2587 Mar 24 j 14:56	0°♈	
retrograde	-2587 Mar 27 j 08:52	0°♈18'29	
evening set	-2587 Mar 29 j 17:38	0°♈05'25	
	-2587 Mar 30 j 04:37	30°℞♓	
desc. node	-2587 Apr 07 j 06:51	26°♓30'33	
inferior conj	-2587 Apr 07 j 23:07	26°♓07'32	0°-11'-25
minimum elong	-2587 Apr 07 j 22:35	26°♓08'17	0°11'15
transit middle	-2587 Apr 07 j 22:35	26°♓08'17	0°11'15
transit begin	-2587 Apr 07 j 19:42	26°♓12'23	
transit end	-2587 Apr 08 j 01:28	26°♓04'12	
min. Earth dist.	-2587 Apr 08 j 17:39	25°♓41'15	0.55135 AU
morning rise	-2587 Apr 17 j 02:40	21°♓59'59	
direct	-2587 Apr 20 j 07:39	21°♓37'37	
morning max el	-2587 May 03 j 06:22	27°♓51'49	22°34'32
	-2587 May 05 j 09:10	0°♈	
asc. node	-2587 May 23 j 18:55	29°♈36'13	
	-2587 May 23 j 23:34	0°♉	
morning set	-2587 May 25 j 06:23	2°♉39'23	
superior conj	-2587 Jun 01 j 12:22	18°♉02'00	1°20'03
minimum elong	-2587 Jun 01 j 09:45	17°♉48'08	1°19'44
max. Earth dist.	-2587 Jun 04 j 09:48	24°♉06'07	1.34232 AU
	-2587 Jun 07 j 07:05	0°♊	
evening rise	-2587 Jun 09 j 09:31	4°♊10'23	
	-2587 Jun 23 j 23:56	0°♋	
desc. node	-2587 Jul 04 j 05:58	14°♋50'14	
evening max el	-2587 Jul 13 j 22:19	25°♋56'36	27°12'18
	-2587 Jul 18 j 18:10	0°♌	
retrograde	-2587 Jul 27 j 07:19	3°♌17'38	
evening set	-2587 Aug 03 j 06:57	0°♌31'39	
	-2587 Aug 03 j 22:15	30°℞♋	
min. Earth dist.	-2587 Aug 07 j 01:49	26°♋52'50	0.64840 AU
inferior conj	-2587 Aug 09 j 05:18	24°♋29'17	-3°-10'-34
minimum elong	-2587 Aug 09 j 09:20	24°♋18'01	3°09'21
morning rise	-2587 Aug 15 j 13:11	18°♋55'42	
direct	-2587 Aug 18 j 06:24	18°♋16'24	
asc. node	-2587 Aug 19 j 18:08	18°♋28'13	
morning max el	-2587 Aug 24 j 18:56	21°♋47'09	18°09'27
	-2587 Aug 31 j 03:18	0°♌	
morning set	-2587 Sep 11 j 22:37	19°♌16'04	
	-2587 Sep 18 j 09:56	0°♍	
superior conj	-2587 Sep 25 j 23:00	12°♍13'33	0°27'16
minimum elong	-2587 Sep 26 j 02:15	12°♍26'31	0°26'52
max. Earth dist.	-2587 Sep 29 j 18:37	18°♍17'58	1.44630 AU
desc. node	-2587 Sep 30 j 05:24	19°♍00'36	
	-2587 Oct 07 j 05:27	0°♎	
evening rise	-2587 Oct 12 j 13:44	8°♎18'38	
	-2587 Oct 26 j 18:09	0°♏	
greatest brilliancy	-2587 Oct 30 j 04:47	5°♏00'20	-0.6m
evening max el	-2587 Nov 06 j 20:35	14°♏40'55	19°49'49
retrograde	-2587 Nov 14 j 08:15	19°♏02'56	
asc. node	-2587 Nov 15 j 17:16	18°♏52'01	
evening set	-2587 Nov 17 j 19:45	17°♏52'14	
inferior conj	-2587 Nov 23 j 09:29	11°♏49'59	2°25'30
minimum elong	-2587 Nov 23 j 06:40	11°♏59'16	2°24'32
min. Earth dist.	-2587 Nov 24 j 09:06	10°♏32'06	0.66505 AU
morning rise	-2587 Nov 28 j 16:57	5°♏35'29	
direct	-2587 Dec 04 j 15:34	2°♏59'31	
morning max el	-2587 Dec 16 j 16:17	10°♏07'12	25°27'23
desc. node	-2587 Dec 27 j 04:50	22°♏38'30	
	-2586 Jan 01 j 11:57	0°♐	
	-2586 Jan 20 j 04:01	0°♑	
morning set	-2586 Jan 21 j 21:39	3°♑06'48	
max. Earth dist.	-2586 Jan 25 j 17:01	10°♑09'12	1.36381 AU
superior conj	-2586 Jan 31 j 13:14	21°♑29'45	-1°-35'-42
minimum elong	-2586 Jan 31 j 16:36	21°♑46'32	1°35'25
	-2586 Feb 04 j 18:25	0°♒	
evening rise	-2586 Feb 08 j 16:38	7°♒59'15	
asc. node	-2586 Feb 11 j 16:34	13°♒57'59	
	-2586 Feb 20 j 22:59	0°♓	
evening max el	-2586 Feb 26 j 06:27	6°♓20'37	19°49'01
retrograde	-2586 Mar 08 j 02:43	11°♓02'00	
evening set	-2586 Mar 10 j 08:34	10°♓48'28	
inferior conj	-2586 Mar 19 j 00:16	6°♓46'23	1°39'56
minimum elong	-2586 Mar 19 j 04:12	6°♓40'16	1°38'40
min. Earth dist.	-2586 Mar 21 j 07:48	5°♓20'31	0.55855 AU
desc. node	-2586 Mar 25 j 03:56	3°♓14'39	
morning rise	-2586 Mar 27 j 20:41	2°♓11'56	
direct	-2586 Apr 01 j 01:06	1°♓33'06	
morning max el	-2586 Apr 14 j 22:40	8°♓30'01	24°14'19

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2586 Apr 30 j 16:04	0°♈	
morning set	-2586 May 09 j 18:25	17°♈40'11	
asc. node	-2586 May 10 j 15:58	19°♈33'51	
	-2586 May 15 j 12:21	0°♉	
superior conj	-2586 May 16 j 20:28	2°♉53'45	1°00'47
minimum elong	-2586 May 16 j 18:09	2°♉41'13	1°00'24
max. Earth dist.	-2586 May 18 j 14:13	6°♉38'19	1.33296 AU
evening rise	-2586 May 24 j 06:23	18°♉28'52	
	-2586 May 30 j 05:04	0°♊	
	-2586 Jun 18 j 08:35	0°♋	
desc. node	-2586 Jun 21 j 03:01	3°♋23'15	
evening max el	-2586 Jun 26 j 08:23	8°♋58'21	27°25'11
retrograde	-2586 Jul 10 j 01:23	16°♋20'08	
evening set	-2586 Jul 17 j 05:42	13°♋43'22	
min. Earth dist.	-2586 Jul 20 j 20:01	10°♋37'25	0.63274 AU
inferior conj	-2586 Jul 23 j 13:12	7°♋53'57	-3°-51'-21
minimum elong	-2586 Jul 23 j 17:09	7°♋44'00	3°50'30
morning rise	-2586 Jul 30 j 06:43	2°♋38'46	
direct	-2586 Aug 01 j 20:07	2°♋07'23	
asc. node	-2586 Aug 06 j 15:12	3°♋58'07	
morning max el	-2586 Aug 08 j 10:06	5°♋31'52	17°55'45
	-2586 Aug 24 j 07:33	0°♌	
morning set	-2586 Aug 25 j 01:31	1°♌18'47	
superior conj	-2586 Sep 06 j 02:14	21°♌57'23	1°07'19
minimum elong	-2586 Sep 06 j 07:47	22°♌20'25	1°06'43
	-2586 Sep 10 j 23:47	0°♍	
max. Earth dist.	-2586 Sep 12 j 10:28	2°♍20'07	1.43662 AU
desc. node	-2586 Sep 17 j 02:25	9°♍45'49	
evening rise	-2586 Sep 21 j 19:13	17°♍06'11	
	-2586 Sep 30 j 06:11	0°♎	
greatest brilliancy	-2586 Oct 15 j 06:01	21°♎27'14	-0.5m
evening max el	-2586 Oct 20 j 21:35	28°♎07'50	20°53'55
	-2586 Oct 22 j 20:48	0°♏	
retrograde	-2586 Oct 29 j 05:34	3°♏03'56	
evening set	-2586 Nov 02 j 03:07	1°♏37'18	
asc. node	-2586 Nov 02 j 14:18	1°♏15'12	
	-2586 Nov 03 j 22:04	30°℞♎	
inferior conj	-2586 Nov 07 j 13:41	25°♎24'50	1°39'04
minimum elong	-2586 Nov 07 j 11:34	25°♎32'04	1°38'13
min. Earth dist.	-2586 Nov 08 j 01:31	24°♎44'26	0.67141 AU
morning rise	-2586 Nov 12 j 19:38	19°♎08'20	
direct	-2586 Nov 18 j 02:51	16°♎51'37	
morning max el	-2586 Nov 29 j 01:01	23°♎22'24	24°03'44
	-2586 Dec 04 j 21:52	0°♏	
desc. node	-2586 Dec 14 j 01:52	12°♏12'52	
	-2586 Dec 25 j 21:35	0°♐	
morning set	-2585 Jan 03 j 15:42	14°♐28'10	
max. Earth dist.	-2585 Jan 07 j 13:37	21°♐19'40	1.38344 AU
	-2585 Jan 12 j 07:36	0°♑	
superior conj	-2585 Jan 14 j 17:22	4°♑32'15	-1°-50'-53
minimum elong	-2585 Jan 14 j 19:55	4°♑44'23	1°50'49
evening rise	-2585 Jan 23 j 14:52	21°♑52'53	
	-2585 Jan 27 j 19:44	0°♒	
asc. node	-2585 Jan 29 j 13:36	3°♒13'46	
evening max el	-2585 Feb 09 j 03:26	18°♒31'03	18°55'23
retrograde	-2585 Feb 17 j 12:04	22°♒32'30	
evening set	-2585 Feb 19 j 20:31	22°♒14'40	
inferior conj	-2585 Feb 27 j 18:43	17°♒56'51	3°01'01
minimum elong	-2585 Feb 27 j 23:19	17°♒48'36	2°59'58
min. Earth dist.	-2585 Mar 02 j 23:42	15°♒39'51	0.57341 AU
morning rise	-2585 Mar 07 j 22:11	12°♒51'10	
desc. node	-2585 Mar 12 j 01:00	11°♒45'43	
direct	-2585 Mar 13 j 07:16	11°♒41'51	
morning max el	-2585 Mar 27 j 13:56	19°♒06'11	25°47'32

	-2585 Apr 05 j 18:12	0°♓	
	-2585 Apr 22 j 23:22	0°♈	
morning set	-2585 Apr 24 j 06:18	2°♈40'56	
asc. node	-2585 Apr 27 j 13:01	9°♈41'12	
superior conj	-2585 May 01 j 07:17	17°♈53'14	0°38'37
minimum elong	-2585 May 01 j 05:40	17°♈44'23	0°38'18
max. Earth dist.	-2585 May 02 j 00:44	19°♈28'31	1.32721 AU
	-2585 May 06 j 22:13	0°♉	
evening rise	-2585 May 08 j 10:22	3°♉08'34	
	-2585 May 23 j 01:15	0°♊	
desc. node	-2585 Jun 08 j 00:03	20°♊50'45	
evening max el	-2585 Jun 08 j 14:23	21°♊25'26	27°05'57
retrograde	-2585 Jun 22 j 12:52	28°♊45'50	
evening set	-2585 Jun 29 j 12:23	26°♊32'28	
min. Earth dist.	-2585 Jul 03 j 04:04	23°♊47'59	0.61388 AU
inferior conj	-2585 Jul 06 j 08:41	20°♊58'25	-4°-19'-43
minimum elong	-2585 Jul 06 j 11:14	20°♊52'45	4°19'25
morning rise	-2585 Jul 13 j 12:58	16°♊04'27	
direct	-2585 Jul 16 j 00:35	15°♊38'49	
morning max el	-2585 Jul 22 j 23:51	19°♊06'29	18°00'38
asc. node	-2585 Jul 24 j 12:16	20°♊42'59	
	-2585 Jul 30 j 23:12	0°♋	
morning set	-2585 Aug 07 j 23:14	14°♋15'31	
	-2585 Aug 16 j 15:29	0°♌	
superior conj	-2585 Aug 18 j 09:06	3°♌03'15	1°33'27
minimum elong	-2585 Aug 18 j 13:18	3°♌21'38	1°33'10
max. Earth dist.	-2585 Aug 25 j 20:51	15°♌48'51	1.42135 AU
evening rise	-2585 Sep 01 j 06:18	26°♌11'02	
desc. node	-2585 Sep 03 j 23:24	0°♍27'20	
	-2585 Sep 03 j 16:24	0°♍	
	-2585 Sep 24 j 03:11	0°♎	
greatest brilliancy	-2585 Sep 28 j 22:32	6°♎11'53	-0.3m
evening max el	-2585 Oct 03 j 16:28	11°♎33'51	22°08'32
retrograde	-2585 Oct 13 j 01:23	17°♎08'17	
evening set	-2585 Oct 17 j 11:03	15°♎23'45	
asc. node	-2585 Oct 20 j 11:22	12°♎14'28	
inferior conj	-2585 Oct 22 j 20:01	9°♎04'42	0°48'22
minimum elong	-2585 Oct 22 j 18:55	9°♎08'31	0°47'53
min. Earth dist.	-2585 Oct 22 j 21:12	9°♎00'38	0.67456 AU
morning rise	-2585 Oct 28 j 02:37	2°♎48'50	
direct	-2585 Nov 01 j 18:37	0°♎53'58	
morning max el	-2585 Nov 11 j 11:47	6°♎40'46	22°36'47
greatest brilliancy	-2585 Nov 16 j 04:17	11°♎56'45	-0.3m
	-2585 Nov 29 j 10:49	0°♏	
desc. node	-2585 Nov 30 j 22:52	2°♏12'33	
morning set	-2585 Dec 15 j 05:55	24°♏26'14	
	-2585 Dec 18 j 14:36	0°♐	
max. Earth dist.	-2585 Dec 20 j 10:00	3°♐03'10	1.40433 AU
superior conj	-2585 Dec 28 j 04:40	16°♐41'32	-1°-57'-26
minimum elong	-2585 Dec 28 j 04:51	16°♐42'19	1°57'31
	-2584 Jan 04 j 09:13	0°♑	
evening rise	-2584 Jan 07 j 03:28	5°♑12'57	
asc. node	-2584 Jan 16 j 10:37	21°♑59'26	
	-2584 Jan 22 j 05:09	0°♒	
evening max el	-2584 Jan 23 j 08:29	1°♒11'06	18°21'51
retrograde	-2584 Jan 30 j 15:51	4°♒47'51	
evening set	-2584 Feb 02 j 03:51	4°♒23'37	
inferior conj	-2584 Feb 09 j 09:50	29°♑45'08	3°45'21
minimum elong	-2584 Feb 09 j 12:21	29°♑39'54	3°45'01
	-2584 Feb 09 j 02:43	30°℞♑	
min. Earth dist.	-2584 Feb 12 j 19:27	26°♑56'00	0.59278 AU
morning rise	-2584 Feb 16 j 17:23	24°♑14'55	
direct	-2584 Feb 23 j 02:36	22°♑26'45	
desc. node	-2584 Feb 26 j 22:03	23°♑03'47	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2584 Mar 08 j 06:56	0°♒	
morning max el	-2584 Mar 08 j 09:14	0°♒05'36	26°59'11
	-2584 Mar 29 j 15:12	0°♓	
morning set	-2584 Apr 07 j 16:18	17°♓34'57	
asc. node	-2584 Apr 13 j 10:03	29°♓53'18	
	-2584 Apr 13 j 11:17	0°♈	
superior conj	-2584 Apr 14 j 19:02	2°♈53'52	0°14'26
minimum elong	-2584 Apr 14 j 18:23	2°♈50'20	0°14'19
behind sun begin	-2584 Apr 14 j 16:17	2°♈38'45	
behind sun end	-2584 Apr 14 j 20:30	3°♈01'56	
max. Earth dist.	-2584 Apr 14 j 13:49	2°♈25'17	1.32490 AU
evening rise	-2584 Apr 21 j 18:57	18°♈00'37	
	-2584 Apr 27 j 18:33	0°♉	
	-2584 May 17 j 12:34	0°♊	
evening max el	-2584 May 20 j 14:26	3°♊10'40	26°14'31
desc. node	-2584 May 24 j 21:05	6°♊45'52	
retrograde	-2584 Jun 03 j 16:18	10°♊27'23	
evening set	-2584 Jun 09 j 22:50	8°♊49'38	
min. Earth dist.	-2584 Jun 14 j 03:24	6°♊09'42	0.59337 AU
inferior conj	-2584 Jun 17 j 12:12	3°♊34'10	-4°-27'-54
minimum elong	-2584 Jun 17 j 11:42	3°♊35'09	4°27'51
	-2584 Jun 22 j 18:54	30°℞♉	
morning rise	-2584 Jun 25 j 04:13	29°♉02'27	
direct	-2584 Jun 27 j 15:35	28°♉41'05	
	-2584 Jul 02 j 06:16	0°♊	
morning max el	-2584 Jul 05 j 09:14	2°♊23'08	18°25'08
asc. node	-2584 Jul 10 j 09:21	8°♊27'43	
morning set	-2584 Jul 21 j 10:48	27°♊53'59	
	-2584 Jul 22 j 13:07	0°♋	
superior conj	-2584 Jul 30 j 16:01	15°♋21'32	1°46'15
minimum elong	-2584 Jul 30 j 17:43	15°♋29'19	1°46'16
max. Earth dist.	-2584 Aug 07 j 01:32	28°♋34'42	1.40262 AU
	-2584 Aug 07 j 21:21	0°♌	
evening rise	-2584 Aug 11 j 14:53	6°♌17'46	
desc. node	-2584 Aug 20 j 20:23	21°♌01'51	
	-2584 Aug 26 j 19:56	0°♍	
evening max el	-2584 Sep 15 j 06:30	25°♍01'45	23°28'41
	-2584 Sep 21 j 11:59	0°♎	
retrograde	-2584 Sep 25 j 18:17	1°♎13'52	
	-2584 Sep 29 j 15:15	30°℞♍	
evening set	-2584 Sep 30 j 17:53	29°♍10'16	
min. Earth dist.	-2584 Oct 05 j 17:44	23°♍19'23	0.67471 AU
inferior conj	-2584 Oct 06 j 02:45	22°♍48'30	0°-4'-52
minimum elong	-2584 Oct 06 j 02:52	22°♍48'07	0°04'51
transit middle	-2584 Oct 06 j 02:52	22°♍48'07	0°04'51
transit begin	-2584 Oct 06 j 00:17	22°♍56'58	
transit end	-2584 Oct 06 j 05:27	22°♍39'15	
asc. node	-2584 Oct 06 j 08:26	22°♍29'04	
morning rise	-2584 Oct 11 j 11:55	16°♍36'12	
direct	-2584 Oct 15 j 13:57	15°♍02'50	
morning max el	-2584 Oct 24 j 03:52	20°♍05'47	21°14'49
greatest brilliancy	-2584 Oct 29 j 12:58	26°♍20'08	-0.5m
	-2584 Nov 01 j 07:59	0°♎	
desc. node	-2584 Nov 16 j 19:53	22°♎30'29	
	-2584 Nov 21 j 16:43	0°♏	
morning set	-2584 Nov 23 j 16:30	3°♏06'45	
max. Earth dist.	-2584 Dec 01 j 12:25	15°♏39'51	1.42362 AU
superior conj	-2584 Dec 08 j 17:37	27°♏44'43	-1°-51'-23
minimum elong	-2584 Dec 08 j 13:54	27°♏28'47	1°51'16
	-2584 Dec 10 j 01:06	0°♐	
evening rise	-2584 Dec 20 j 02:49	17°♐51'56	
	-2584 Dec 26 j 22:01	0°♑	
asc. node	-2583 Jan 02 j 07:38	10°♑05'53	
evening max el	-2583 Jan 05 j 18:45	14°♑12'46	18°08'14
retrograde	-2583 Jan 12 j 11:48	17°♑39'43	
evening set	-2583 Jan 15 j 03:12	17°♑07'50	
inferior conj	-2583 Jan 21 j 19:50	12°♑07'25	3°58'47
minimum elong	-2583 Jan 21 j 19:45	12°♑07'36	3°58'43
min. Earth dist.	-2583 Jan 24 j 21:48	9°♑10'46	0.61324 AU
morning rise	-2583 Jan 28 j 09:48	6°♑20'40	
direct	-2583 Feb 04 j 08:24	3°♑57'56	
desc. node	-2583 Feb 12 j 19:08	7°♑00'13	
morning max el	-2583 Feb 18 j 10:35	11°♑43'08	27°38'21
	-2583 Mar 04 j 21:00	0°♒	
	-2583 Mar 21 j 19:58	0°♓	
morning set	-2583 Mar 22 j 22:32	2°♓15'16	
max. Earth dist.	-2583 Mar 29 j 01:46	15°♓15'30	1.32616 AU
superior conj	-2583 Mar 30 j 06:04	17°♓49'30	0°-10'-56
minimum elong	-2583 Mar 30 j 06:34	17°♓52'13	0°10'51
behind sun begin	-2583 Mar 30 j 02:51	17°♓31'56	
behind sun end	-2583 Mar 30 j 10:18	18°♓12'30	
asc. node	-2583 Mar 31 j 07:04	20°♓05'51	
	-2583 Apr 04 j 20:37	0°♈	
evening rise	-2583 Apr 06 j 06:02	2°♈57'29	
	-2583 Apr 20 j 22:56	0°♉	
evening max el	-2583 May 02 j 08:30	14°♉15'42	24°56'25
desc. node	-2583 May 11 j 18:09	20°♉33'08	
retrograde	-2583 May 16 j 08:57	21°♉22'26	
evening set	-2583 May 21 j 10:58	20°♉23'17	
min. Earth dist.	-2583 May 26 j 20:34	17°♉31'19	0.57394 AU
inferior conj	-2583 May 29 j 20:28	15°♉31'23	-4°-5'-14
minimum elong	-2583 May 29 j 16:02	15°♉38'50	4°04'33
morning rise	-2583 Jun 07 j 01:05	11°♉20'14	
direct	-2583 Jun 09 j 13:14	11°♉01'58	
morning max el	-2583 Jun 18 j 11:14	15°♉11'38	19°10'07
asc. node	-2583 Jun 27 j 06:25	26°♉58'09	
	-2583 Jun 29 j 00:17	0°♊	
morning set	-2583 Jul 05 j 08:16	12°♊03'31	
superior conj	-2583 Jul 13 j 17:12	28°♊35'30	1°48'14
minimum elong	-2583 Jul 13 j 16:42	28°♊33'04	1°48'18
	-2583 Jul 14 j 10:43	0°♋	
max. Earth dist.	-2583 Jul 20 j 03:49	10°♋42'09	1.38295 AU
evening rise	-2583 Jul 24 j 01:20	17°♋39'13	
	-2583 Jul 31 j 09:36	0°♌	
desc. node	-2583 Aug 07 j 17:24	11°♌24'26	
	-2583 Aug 21 j 04:23	0°♍	
evening max el	-2583 Aug 28 j 18:01	8°♍33'03	24°47'46
retrograde	-2583 Sep 09 j 07:11	15°♍16'46	
evening set	-2583 Sep 14 j 21:50	12°♍54'39	
min. Earth dist.	-2583 Sep 19 j 12:36	7°♍38'46	0.67180 AU
inferior conj	-2583 Sep 20 j 08:09	6°♍33'50	0°-59'-7
minimum elong	-2583 Sep 20 j 09:34	6°♍29'07	0°58'31
asc. node	-2583 Sep 23 j 05:31	2°♍56'07	
morning rise	-2583 Sep 25 j 21:40	0°♍28'21	
	-2583 Sep 26 j 16:01	30°℞♌	
direct	-2583 Sep 29 j 11:36	29°♌14'22	
	-2583 Oct 02 j 10:43	0°♍	
morning max el	-2583 Oct 07 j 03:15	3°♍39'49	20°03'36
greatest brilliancy	-2583 Oct 14 j 09:23	12°♍35'30	-0.6m
	-2583 Oct 26 j 05:38	0°♎	
morning set	-2583 Nov 02 j 13:54	11°♎16'18	
desc. node	-2583 Nov 03 j 16:53	13°♎00'52	
max. Earth dist.	-2583 Nov 13 j 22:48	29°♎07'55	1.43855 AU
	-2583 Nov 14 j 11:50	0°♏	
superior conj	-2583 Nov 19 j 03:37	7°♏31'34	-1°-28'-56
minimum elong	-2583 Nov 18 j 20:27	7°♏02'19	1°28'20
evening rise	-2583 Dec 02 j 08:36	29°♏41'19	
	-2583 Dec 02 j 12:57	0°♐	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2583 Dec 20 j 04:40	27°♐21'29	
evening max el	-2583 Dec 20 j 07:15	27°♐28'04	18°13'56
	-2583 Dec 23 j 11:17	0°♑	
retrograde	-2583 Dec 26 j 19:45	0°♑58'04	
evening set	-2583 Dec 29 j 14:52	0°♑17'31	
	-2583 Dec 30 j 04:21	30°℞♐	
inferior conj	-2582 Jan 04 j 20:59	24°♐56'15	3°49'47
minimum elong	-2582 Jan 04 j 19:03	25°♐01'31	3°49'29
min. Earth dist.	-2582 Jan 07 j 09:16	22°♐13'36	0.63200 AU
morning rise	-2582 Jan 10 j 21:32	18°♐57'58	
direct	-2582 Jan 17 j 22:18	16°♐13'46	
desc. node	-2582 Jan 30 j 16:12	22°♐59'52	
morning max el	-2582 Jan 31 j 17:15	24°♐00'17	27°41'08
	-2582 Feb 06 j 03:48	0°♑	
	-2582 Feb 26 j 04:00	0°♒	
morning set	-2582 Mar 06 j 22:43	16°♒34'16	
max. Earth dist.	-2582 Mar 12 j 08:50	27°♒46'30	1.33117 AU
	-2582 Mar 13 j 09:55	0°♓	
superior conj	-2582 Mar 14 j 14:42	2°♓34'15	0°-36'-36
minimum elong	-2582 Mar 14 j 16:22	2°♓43'15	0°36'18
asc. node	-2582 Mar 18 j 04:05	10°♓14'57	
evening rise	-2582 Mar 21 j 17:48	17°♓52'38	
	-2582 Mar 27 j 18:32	0°♈	
evening max el	-2582 Apr 14 j 00:03	24°♈57'37	23°23'36
	-2582 Apr 20 j 20:23	0°♉	
retrograde	-2582 Apr 27 j 12:57	1°♉41'17	
desc. node	-2582 Apr 28 j 15:13	1°♉38'36	
evening set	-2582 May 01 j 06:08	1°♉11'01	
	-2582 May 04 j 11:54	30°℞♈	
min. Earth dist.	-2582 May 08 j 10:37	27°♈54'22	0.55894 AU
inferior conj	-2582 May 10 j 08:53	26°♈45'55	-3°-1'-50
minimum elong	-2582 May 10 j 02:27	26°♈55'27	3°00'07
morning rise	-2582 May 19 j 02:07	22°♈48'38	
direct	-2582 May 21 j 16:12	22°♈32'09	
morning max el	-2582 Jun 01 j 03:27	27°♈23'30	20°15'39
	-2582 Jun 03 j 15:54	0°♉	
asc. node	-2582 Jun 14 j 03:30	16°♉03'29	
morning set	-2582 Jun 19 j 12:37	26°♉36'06	
	-2582 Jun 21 j 04:35	0°♊	
superior conj	-2582 Jun 27 j 07:33	12°♊31'01	1°41'57
minimum elong	-2582 Jun 27 j 05:38	12°♊21'22	1°41'53
max. Earth dist.	-2582 Jul 02 j 09:15	22°♊31'10	1.36467 AU
evening rise	-2582 Jul 06 j 10:29	0°♋08'10	
	-2582 Jul 06 j 08:43	0°♋	
	-2582 Jul 24 j 13:53	0°♌	
desc. node	-2582 Jul 25 j 14:25	1°♌29'09	
evening max el	-2582 Aug 11 j 05:05	22°♌06'27	25°58'05
retrograde	-2582 Aug 23 j 15:30	29°♌12'34	
evening set	-2582 Aug 29 j 21:00	26°♌35'04	
min. Earth dist.	-2582 Sep 03 j 03:20	21°♌56'43	0.66559 AU
inferior conj	-2582 Sep 04 j 10:24	20°♌18'47	-1°-52'-41
minimum elong	-2582 Sep 04 j 13:05	20°♌10'19	1°51'36
morning rise	-2582 Sep 10 j 05:55	14°♌23'17	
asc. node	-2582 Sep 10 j 02:38	14°♌28'22	
direct	-2582 Sep 13 j 09:54	13°♌25'33	
morning max el	-2582 Sep 20 j 09:50	17°♌22'44	19°06'30
	-2582 Sep 29 j 23:45	0°♍	
morning set	-2582 Oct 12 j 22:13	20°♍04'34	
	-2582 Oct 19 j 05:55	0°♎	
desc. node	-2582 Oct 21 j 13:53	3°♎39'41	
max. Earth dist.	-2582 Oct 27 j 15:01	13°♎10'31	1.44723 AU
superior conj	-2582 Oct 29 j 12:45	16°♎11'11	0°-49'-35
minimum elong	-2582 Oct 29 j 06:41	15°♎47'12	0°48'51
	-2582 Nov 07 j 04:31	0°♏	
evening rise	-2582 Nov 13 j 16:26	10°♏32'58	
	-2582 Nov 25 j 17:03	0°♐	
evening max el	-2582 Dec 03 j 19:15	10°♐50'25	18°37'58
asc. node	-2582 Dec 07 j 01:44	13°♐31'46	
retrograde	-2582 Dec 10 j 11:23	14°♐34'04	
evening set	-2582 Dec 13 j 11:21	13°♐43'30	
inferior conj	-2582 Dec 19 j 09:30	8°♐03'49	3°25'07
minimum elong	-2582 Dec 19 j 06:38	8°♐12'23	3°24'28
min. Earth dist.	-2582 Dec 21 j 06:43	5°♐49'14	0.64765 AU
morning rise	-2582 Dec 25 j 00:44	1°♐57'06	
	-2582 Dec 27 j 23:08	30°℞♏	
direct	-2582 Dec 31 j 19:08	29°♏06'23	
	-2581 Jan 04 j 21:52	0°♐	
morning max el	-2581 Jan 14 j 02:43	6°♐47'36	27°09'38
desc. node	-2581 Jan 17 j 13:15	10°♐27'46	
	-2581 Feb 01 j 01:20	0°♑	
	-2581 Feb 18 j 09:27	0°♒	
morning set	-2581 Feb 18 j 13:46	0°♒20'53	
max. Earth dist.	-2581 Feb 23 j 06:57	9°♒44'58	1.34031 AU
superior conj	-2581 Feb 26 j 18:52	17°♒00'24	-1°-1'-32
minimum elong	-2581 Feb 26 j 21:35	17°♒14'36	1°01'07
	-2581 Mar 04 j 22:10	0°♓	
asc. node	-2581 Mar 05 j 01:06	0°♓15'29	
evening rise	-2581 Mar 06 j 04:21	2°♓38'16	
	-2581 Mar 21 j 18:18	0°♈	
evening max el	-2581 Mar 26 j 19:16	5°♈43'09	21°50'33
retrograde	-2581 Apr 08 j 06:01	11°♈45'53	
evening set	-2581 Apr 10 j 22:09	11°♈29'53	
desc. node	-2581 Apr 15 j 12:19	9°♈56'48	
inferior conj	-2581 Apr 20 j 06:44	7°♈25'48	-1°-19'-32
minimum elong	-2581 Apr 20 j 03:04	7°♈30'57	1°18'18
min. Earth dist.	-2581 Apr 20 j 00:08	7°♈35'05	0.55145 AU
morning rise	-2581 Apr 29 j 09:04	3°♈27'35	
direct	-2581 May 02 j 05:24	3°♈09'36	
morning max el	-2581 May 14 j 08:48	8°♈53'14	21°39'49
	-2581 May 29 j 03:22	0°♉	
asc. node	-2581 Jun 01 j 00:33	5°♉34'16	
morning set	-2581 Jun 03 j 21:25	11°♉24'15	
superior conj	-2581 Jun 11 j 07:03	26°♉55'33	1°29'27
minimum elong	-2581 Jun 11 j 04:30	26°♉42'15	1°29'13
	-2581 Jun 12 j 18:37	0°♊	
max. Earth dist.	-2581 Jun 14 j 22:36	4°♊25'35	1.34939 AU
evening rise	-2581 Jun 19 j 13:06	13°♊30'11	
	-2581 Jun 28 j 16:22	0°♋	
desc. node	-2581 Jul 12 j 11:28	21°♋07'54	
	-2581 Jul 19 j 11:04	0°♌	
evening max el	-2581 Jul 24 j 16:29	5°♌35'49	26°51'49
retrograde	-2581 Aug 06 j 18:54	12°♌54'37	
evening set	-2581 Aug 13 j 13:07	10°♌08'35	
min. Earth dist.	-2581 Aug 17 j 11:41	6°♌08'40	0.65572 AU
inferior conj	-2581 Aug 19 j 07:31	4°♌00'06	-2°-43'-32
minimum elong	-2581 Aug 19 j 11:12	3°♌49'16	2°42'16
	-2581 Aug 23 j 01:19	30°℞♋	
morning rise	-2581 Aug 25 j 10:31	28°♋17'49	
asc. node	-2581 Aug 27 j 23:44	27°♋33'22	
direct	-2581 Aug 28 j 06:54	27°♋32'53	
	-2581 Sep 02 j 15:34	0°♌	
morning max el	-2581 Sep 03 j 21:47	1°♌10'55	18°25'24
morning set	-2581 Sep 23 j 08:33	0°♍10'49	
	-2581 Sep 23 j 05:53	0°♍	
desc. node	-2581 Oct 08 j 10:53	24°♍23'42	
superior conj	-2581 Oct 08 j 12:38	24°♍30'38	0°00'-27
minimum elong	-2581 Oct 08 j 12:34	24°♍30'22	0°00'27
behind sun begin	-2581 Oct 08 j 01:20	23°♍46'01	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

behind sun end	-2581 Oct 08 j 23:48	25°♍14'42	
max. Earth dist.	-2581 Oct 10 j 09:18	27°♍26'47	1.44869 AU
	-2581 Oct 12 j 00:14	0°♎	
evening rise	-2581 Oct 24 j 23:51	20°♎23'27	
	-2581 Oct 31 j 02:40	0°♏	
greatest brilliancy	-2581 Nov 07 j 08:47	11°♏12'19	-0.7m
evening max el	-2581 Nov 17 j 04:24	24°♏16'26	19°19'06
asc. node	-2581 Nov 23 j 22:49	28°♏21'53	
retrograde	-2581 Nov 24 j 07:16	28°♏22'36	
evening set	-2581 Nov 27 j 13:51	27°♏20'03	
inferior conj	-2581 Dec 03 j 06:08	21°♏25'05	2°49'36
minimum elong	-2581 Dec 03 j 03:08	21°♏34'43	2°48'41
min. Earth dist.	-2581 Dec 04 j 13:14	19°♏45'31	0.65971 AU
morning rise	-2581 Dec 08 j 15:34	15°♏12'30	
direct	-2581 Dec 14 j 22:15	12°♏28'12	
morning max el	-2581 Dec 27 j 12:20	19°♏52'47	26°10'24
desc. node	-2580 Jan 04 j 10:17	28°♏58'24	
	-2580 Jan 05 j 05:30	0°♐	
	-2580 Jan 25 j 03:23	0°♑	
morning set	-2580 Feb 01 j 15:40	13°♑23'10	
max. Earth dist.	-2580 Feb 05 j 17:15	21°♑07'45	1.35395 AU
	-2580 Feb 10 j 04:15	0°♒	
superior conj	-2580 Feb 10 j 16:15	1°♒00'57	-1°-24'-18
minimum elong	-2580 Feb 10 j 19:35	1°♒17'55	1°23'56
evening rise	-2580 Feb 18 j 11:51	17°♒08'22	
asc. node	-2580 Feb 19 j 22:08	20°♒02'54	
	-2580 Feb 25 j 01:31	0°♓	
evening max el	-2580 Mar 07 j 23:44	16°♓56'27	20°28'35
retrograde	-2580 Mar 18 j 19:55	22°♓06'49	
evening set	-2580 Mar 21 j 01:58	21°♓54'20	
inferior conj	-2580 Mar 30 j 02:33	17°♓56'32	0°38'13
minimum elong	-2580 Mar 30 j 04:16	17°♓54'02	0°37'36
min. Earth dist.	-2580 Mar 31 j 14:17	17°♓04'20	0.55329 AU
desc. node	-2580 Apr 01 j 09:22	16°♓36'55	
morning rise	-2580 Apr 08 j 04:30	13°♓38'30	
direct	-2580 Apr 11 j 17:55	13°♓10'55	
morning max el	-2580 Apr 25 j 04:41	19°♓45'41	23°16'47
	-2580 May 03 j 17:48	0°♈	
asc. node	-2580 May 17 j 21:34	25°♈23'37	
morning set	-2580 May 18 j 08:44	26°♈21'52	
	-2580 May 20 j 02:05	0°♉	
superior conj	-2580 May 25 j 12:41	11°♉39'42	1°12'17
minimum elong	-2580 May 25 j 10:08	11°♉26'04	1°11'56
max. Earth dist.	-2580 May 27 j 21:42	16°♉42'15	1.33787 AU
evening rise	-2580 Jun 02 j 04:25	27°♉31'39	
	-2580 Jun 03 j 10:32	0°♊	
	-2580 Jun 20 j 22:28	0°♋	
desc. node	-2580 Jun 28 j 08:31	10°♋09'17	
evening max el	-2580 Jul 06 j 03:36	18°♋51'14	27°21'29
retrograde	-2580 Jul 19 j 16:47	26°♋13'58	
evening set	-2580 Jul 26 j 19:14	23°♋30'05	
min. Earth dist.	-2580 Jul 30 j 11:36	20°♋06'13	0.64212 AU
inferior conj	-2580 Aug 01 j 21:03	17°♋32'37	-3°-29'-4
minimum elong	-2580 Aug 02 j 01:10	17°♋21'34	3°27'58
morning rise	-2580 Aug 08 j 08:54	12°♋06'35	
direct	-2580 Aug 11 j 00:05	11°♋31'08	
asc. node	-2580 Aug 13 j 20:48	12°♋13'08	
morning max el	-2580 Aug 17 j 12:33	14°♋58'29	18°01'22
	-2580 Aug 28 j 02:06	0°♌	
morning set	-2580 Sep 03 j 22:00	11°♌34'53	
	-2580 Sep 14 j 21:38	0°♍	
superior conj	-2580 Sep 17 j 01:29	3°♍31'27	0°45'50
minimum elong	-2580 Sep 17 j 06:16	3°♍50'54	0°45'15
max. Earth dist.	-2580 Sep 22 j 02:28	11°♍37'35	1.44291 AU
desc. node	-2580 Sep 24 j 07:54	15°♍09'23	
evening rise	-2580 Oct 03 j 10:51	29°♍23'19	
	-2580 Oct 03 j 20:21	0°♎	
greatest brilliancy	-2580 Oct 23 j 17:12	29°♎34'53	-0.6m
	-2580 Oct 24 j 00:36	0°♏	
evening max el	-2580 Oct 30 j 08:46	7°♏43'17	20°15'36
retrograde	-2580 Nov 07 j 04:35	12°♏19'19	
asc. node	-2580 Nov 09 j 19:52	11°♏39'09	
evening set	-2580 Nov 10 j 19:59	11°♏02'20	
inferior conj	-2580 Nov 16 j 08:12	4°♏55'26	2°06'27
minimum elong	-2580 Nov 16 j 05:38	5°♏04'04	2°05'29
min. Earth dist.	-2580 Nov 17 j 02:43	3°♏53'17	0.66817 AU
	-2580 Nov 20 j 06:07	30°℞♎	
morning rise	-2580 Nov 21 j 14:42	28°♎39'34	
direct	-2580 Nov 27 j 06:54	26°♎10'57	
	-2580 Dec 05 j 12:32	0°♏	
morning max el	-2580 Dec 08 j 20:53	3°♏04'46	24°52'39
desc. node	-2580 Dec 21 j 07:19	18°♏13'06	
	-2580 Dec 29 j 10:59	0°♐	
morning set	-2579 Jan 13 j 23:04	25°♐25'34	
	-2579 Jan 16 j 12:10	0°♑	
max. Earth dist.	-2579 Jan 17 j 16:40	2°♑10'28	1.37181 AU
superior conj	-2579 Jan 24 j 03:46	14°♑27'20	-1°-43'00
minimum elong	-2579 Jan 24 j 06:57	14°♑42'53	1°42'48
	-2579 Jan 31 j 22:50	0°♒	
evening rise	-2579 Feb 01 j 14:08	1°♒16'34	
asc. node	-2579 Feb 05 j 19:09	9°♒31'43	
evening max el	-2579 Feb 18 j 15:06	28°♒46'39	19°23'51
	-2579 Feb 20 j 00:16	0°♓	
retrograde	-2579 Feb 27 j 19:02	3°♓08'50	
evening set	-2579 Mar 02 j 01:42	2°♓53'51	
	-2579 Mar 08 j 12:23	30°℞♒	
inferior conj	-2579 Mar 10 j 10:05	28°♒46'33	2°18'51
minimum elong	-2579 Mar 10 j 14:47	28°♒38'49	2°17'30
min. Earth dist.	-2579 Mar 13 j 05:10	26°♒56'56	0.56407 AU
morning rise	-2579 Mar 19 j 00:05	23°♒58'23	
desc. node	-2579 Mar 19 j 06:25	23°♒52'59	
direct	-2579 Mar 23 j 16:54	23°♒07'53	
	-2579 Apr 06 j 11:39	0°♓	
morning max el	-2579 Apr 06 j 19:38	0°♓18'59	24°55'41
	-2579 Apr 27 j 05:05	0°♈	
morning set	-2579 May 02 j 20:54	11°♈23'24	
asc. node	-2579 May 04 j 18:36	15°♈25'58	
superior conj	-2579 May 09 j 22:11	26°♈35'50	0°51'41
minimum elong	-2579 May 09 j 20:07	26°♈24'36	0°51'20
max. Earth dist.	-2579 May 11 j 05:05	29°♈23'17	1.33006 AU
	-2579 May 11 j 11:52	0°♉	
evening rise	-2579 May 17 j 04:42	12°♉00'54	
	-2579 May 26 j 15:31	0°♊	
desc. node	-2579 Jun 15 j 05:32	28°♊17'46	
	-2579 Jun 16 j 19:51	0°♋	
evening max el	-2579 Jun 18 j 12:27	1°♋40'52	27°21'10
retrograde	-2579 Jul 02 j 08:19	9°♋02'10	
evening set	-2579 Jul 09 j 11:43	6°♋33'57	
min. Earth dist.	-2579 Jul 13 j 01:44	3°♋38'33	0.62502 AU
inferior conj	-2579 Jul 16 j 00:09	0°♋50'34	-4°-5'-19
minimum elong	-2579 Jul 16 j 03:42	0°♋42'04	4°04'42
	-2579 Jul 16 j 21:27	30°℞♊	
morning rise	-2579 Jul 22 j 22:05	25°♊43'49	
direct	-2579 Jul 25 j 10:26	25°♊15'07	
asc. node	-2579 Jul 31 j 17:52	28°♊17'09	
morning max el	-2579 Aug 01 j 03:27	28°♊40'03	17°55'24
	-2579 Aug 02 j 09:40	0°♋	
morning set	-2579 Aug 17 j 09:40	24°♋03'03	
	-2579 Aug 20 j 17:42	0°♌	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2579 Aug 28 j 16:33	13°♌50'25	1°20'08
minimum elong	-2579 Aug 28 j 21:49	14°♌12'48	1°19'39
max. Earth dist.	-2579 Sep 04 j 16:08	25°♌27'09	1.43077 AU
	-2579 Sep 07 j 11:44	0°♍	
desc. node	-2579 Sep 11 j 04:55	5°♍53'37	
evening rise	-2579 Sep 12 j 16:21	8°♍12'16	
	-2579 Sep 27 j 03:00	0°♎	
greatest brilliancy	-2579 Oct 08 j 04:41	15°♎16'12	-0.4m
evening max el	-2579 Oct 13 j 07:15	21°♎10'11	21°24'40
retrograde	-2579 Oct 22 j 01:20	26°♎21'50	
evening set	-2579 Oct 26 j 03:48	24°♎47'53	
asc. node	-2579 Oct 27 j 16:56	23°♎23'31	
inferior conj	-2579 Oct 31 j 13:32	18°♎32'26	1°17'58
minimum elong	-2579 Oct 31 j 11:49	18°♎38'21	1°17'15
min. Earth dist.	-2579 Oct 31 j 20:47	18°♎07'28	0.67322 AU
morning rise	-2579 Nov 05 j 19:30	12°♎15'57	
direct	-2579 Nov 10 j 20:18	10°♎08'09	
morning max el	-2579 Nov 21 j 05:52	16°♎20'09	23°26'28
greatest brilliancy	-2579 Nov 27 j 00:01	22°♎51'39	-0.2m
	-2579 Dec 02 j 11:47	0°♏	
desc. node	-2579 Dec 08 j 04:21	7°♏59'17	
	-2579 Dec 22 j 11:55	0°♐	
morning set	-2579 Dec 26 j 05:44	6°♐11'52	
max. Earth dist.	-2579 Dec 30 j 12:03	13°♐30'23	1.39239 AU
superior conj	-2578 Jan 07 j 01:23	27°♐08'50	-1°-54'-58
minimum elong	-2578 Jan 07 j 03:08	27°♐16'59	1°54'59
	-2578 Jan 08 j 13:56	0°♑	
evening rise	-2578 Jan 16 j 08:38	14°♑56'30	
asc. node	-2578 Jan 23 j 16:10	28°♑35'24	
	-2578 Jan 24 j 11:51	0°♒	
evening max el	-2578 Feb 01 j 15:53	11°♒10'38	18°38'40
retrograde	-2578 Feb 09 j 12:06	14°♒59'18	
evening set	-2578 Feb 11 j 22:16	14°♒38'46	
inferior conj	-2578 Feb 19 j 13:13	10°♒12'24	3°24'11
minimum elong	-2578 Feb 19 j 17:08	10°♒04'55	3°23'26
min. Earth dist.	-2578 Feb 22 j 22:04	7°♒39'04	0.58133 AU
morning rise	-2578 Feb 27 j 08:14	4°♒55'40	
direct	-2578 Mar 05 j 04:52	3°♒30'06	
desc. node	-2578 Mar 06 j 03:29	3°♒32'18	
morning max el	-2578 Mar 19 j 11:52	11°♒01'05	26°21'34
	-2578 Apr 03 j 03:08	0°♓	
morning set	-2578 Apr 17 j 08:11	26°♓21'51	
	-2578 Apr 19 j 01:26	0°♈	
asc. node	-2578 Apr 21 j 15:36	5°♈35'35	
superior conj	-2578 Apr 24 j 09:35	11°♈36'18	0°28'34
minimum elong	-2578 Apr 24 j 08:21	11°♈29'32	0°28'19
max. Earth dist.	-2578 Apr 24 j 17:16	12°♈18'24	1.32581 AU
evening rise	-2578 May 01 j 10:55	26°♈46'55	
	-2578 May 03 j 00:25	0°♉	
	-2578 May 20 j 05:11	0°♊	
evening max el	-2578 May 31 j 16:18	13°♊51'25	26°47'55
desc. node	-2578 Jun 02 j 02:33	15°♊10'02	
retrograde	-2578 Jun 14 j 16:16	21°♊09'41	
evening set	-2578 Jun 21 j 10:13	19°♊10'34	
min. Earth dist.	-2578 Jun 25 j 05:47	16°♊30'14	0.60528 AU
inferior conj	-2578 Jun 28 j 13:18	13°♊44'16	-4°-26'-15
minimum elong	-2578 Jun 28 j 14:45	13°♊41'13	4°26'08
morning rise	-2578 Jul 05 j 22:25	8°♊59'28	
direct	-2578 Jul 08 j 09:56	8°♊35'39	
morning max el	-2578 Jul 15 j 15:38	12°♊07'48	18°08'34
asc. node	-2578 Jul 18 j 14:56	15°♊29'10	
	-2578 Jul 27 j 15:00	0°♋	
morning set	-2578 Jul 31 j 13:53	7°♋19'23	
superior conj	-2578 Aug 10 j 10:21	25°♋29'01	1°40'22
minimum elong	-2578 Aug 10 j 13:30	25°♋43'09	1°40'14
	-2578 Aug 12 j 23:29	0°♌	
max. Earth dist.	-2578 Aug 18 j 00:32	8°♌40'26	1.41376 AU
evening rise	-2578 Aug 23 j 11:22	17°♌40'09	
desc. node	-2578 Aug 29 j 01:54	26°♌32'48	
	-2578 Aug 31 j 07:43	0°♍	
greatest brilliancy	-2578 Sep 21 j 03:22	29°♍10'39	-0.3m
	-2578 Sep 21 j 19:48	0°♎	
evening max el	-2578 Sep 25 j 23:57	4°♎37'13	22°42'17
retrograde	-2578 Oct 05 j 19:57	10°♎27'27	
evening set	-2578 Oct 10 j 11:30	8°♎34'42	
asc. node	-2578 Oct 14 j 14:01	3°♎57'44	
inferior conj	-2578 Oct 15 j 20:16	2°♎14'10	0°25'59
minimum elong	-2578 Oct 15 j 19:39	2°♎16'15	0°25'43
min. Earth dist.	-2578 Oct 15 j 17:03	2°♎25'15	0.67506 AU
	-2578 Oct 17 j 11:47	30°℞♍	
morning rise	-2578 Oct 21 j 03:45	25°♍59'44	
direct	-2578 Oct 25 j 13:39	24°♍14'14	
morning max el	-2578 Nov 03 j 18:37	29°♍41'16	22°00'55
	-2578 Nov 04 j 01:56	0°♎	
greatest brilliancy	-2578 Nov 08 j 13:24	5°♎06'32	-0.4m
desc. node	-2578 Nov 25 j 01:23	28°♎07'48	
	-2578 Nov 26 j 07:13	0°♏	
morning set	-2578 Dec 06 j 07:33	15°♏34'36	
max. Earth dist.	-2578 Dec 12 j 11:13	25°♏38'43	1.41294 AU
	-2578 Dec 15 j 01:12	0°♐	
superior conj	-2578 Dec 20 j 03:56	8°♐52'09	-1°-56'-39
minimum elong	-2578 Dec 20 j 02:35	8°♐46'12	1°56'43
evening rise	-2578 Dec 30 j 16:08	28°♐00'46	
	-2578 Dec 31 j 17:51	0°♑	
asc. node	-2577 Jan 10 j 13:12	17°♑06'04	
evening max el	-2577 Jan 15 j 23:31	24°♑01'05	18°13'37
retrograde	-2577 Jan 22 j 23:31	27°♑32'14	
evening set	-2577 Jan 25 j 12:59	27°♑04'48	
inferior conj	-2577 Feb 01 j 12:51	22°♑16'36	3°54'20
minimum elong	-2577 Feb 01 j 14:13	22°♑13'33	3°54'11
min. Earth dist.	-2577 Feb 04 j 20:08	19°♑21'33	0.60151 AU
morning rise	-2577 Feb 08 j 12:27	16°♑38'28	
direct	-2577 Feb 15 j 04:37	14°♑34'51	
desc. node	-2577 Feb 21 j 00:33	16°♑01'45	
morning max el	-2577 Mar 01 j 09:53	22°♑16'36	27°20'21
	-2577 Mar 08 j 05:59	0°♒	
	-2577 Mar 27 j 01:56	0°♓	
morning set	-2577 Apr 01 j 16:51	11°♓11'09	
superior conj	-2577 Apr 08 j 21:14	26°♓35'22	0°03'47
minimum elong	-2577 Apr 08 j 21:03	26°♓34'27	0°03'45
behind sun begin	-2577 Apr 08 j 16:10	26°♓07'39	
behind sun end	-2577 Apr 09 j 01:57	27°♓01'15	
max. Earth dist.	-2577 Apr 08 j 06:33	25°♓15'03	1.32502 AU
asc. node	-2577 Apr 08 j 12:38	25°♓48'19	
	-2577 Apr 10 j 10:36	0°♈	
evening rise	-2577 Apr 15 j 20:48	11°♈41'52	
	-2577 Apr 25 j 06:18	0°♉	
evening max el	-2577 May 13 j 13:29	25°♉17'36	25°43'50
desc. node	-2577 May 19 j 23:36	0°♊15'16	
	-2577 May 19 j 13:12	0°♊	
retrograde	-2577 May 27 j 15:11	2°♊31'10	
evening set	-2577 Jun 02 j 11:04	1°♊09'54	
	-2577 Jun 04 j 16:17	30°℞♉	
min. Earth dist.	-2577 Jun 07 j 01:44	28°♉27'00	0.58483 AU
inferior conj	-2577 Jun 10 j 08:52	26°♉04'00	-4°-22'-44
minimum elong	-2577 Jun 10 j 06:41	26°♉07'59	4°22'32
morning rise	-2577 Jun 18 j 06:11	21°♉41'48	
direct	-2577 Jun 20 j 17:57	21°♉21'48	
morning max el	-2577 Jun 28 j 22:12	25°♉13'23	18°41'49

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2577 Jul 03 j 01:21	0°♊	
asc. node	-2577 Jul 05 j 12:00	3°♊34'30	
morning set	-2577 Jul 15 j 06:03	21°♊11'57	
	-2577 Jul 19 j 18:37	0°♋	
superior conj	-2577 Jul 24 j 01:44	8°♋13'04	1°48'16
minimum elong	-2577 Jul 24 j 02:25	8°♋16'15	1°48'19
max. Earth dist.	-2577 Jul 31 j 03:48	21°♋09'13	1.39421 AU
evening rise	-2577 Aug 04 j 06:56	28°♋18'02	
	-2577 Aug 05 j 07:05	0°♌	
desc. node	-2577 Aug 15 j 22:55	17°♌02'52	
	-2577 Aug 24 j 19:56	0°♍	
evening max el	-2577 Sep 08 j 12:27	18°♍05'56	24°02'50
retrograde	-2577 Sep 19 j 11:21	24°♍32'46	
evening set	-2577 Sep 24 j 17:21	22°♍20'48	
min. Earth dist.	-2577 Sep 29 j 13:07	16°♍44'39	0.67386 AU
inferior conj	-2577 Sep 30 j 02:38	15°♍58'49	0°-27'-54
minimum elong	-2577 Sep 30 j 03:18	15°♍56'34	0°27'37
asc. node	-2577 Oct 01 j 11:07	14°♍10'15	
morning rise	-2577 Oct 05 j 13:29	9°♍49'15	
direct	-2577 Oct 09 j 10:01	8°♍24'42	
morning max el	-2577 Oct 17 j 13:52	13°♍10'46	20°42'59
greatest brilliancy	-2577 Oct 23 j 14:45	20°♍20'08	-0.5m
	-2577 Oct 30 j 13:33	0°♎	
desc. node	-2577 Nov 11 j 22:23	18°♎31'40	
morning set	-2577 Nov 15 j 09:53	23°♎54'19	
	-2577 Nov 19 j 07:15	0°♏	
max. Earth dist.	-2577 Nov 24 j 17:15	8°♏39'17	1.43060 AU
superior conj	-2577 Dec 01 j 05:42	19°♏23'03	-1°-44'-1
minimum elong	-2577 Dec 01 j 00:14	19°♏00'09	1°43'42
	-2577 Dec 07 j 11:12	0°♐	
evening rise	-2577 Dec 13 j 08:36	10°♐20'03	
	-2577 Dec 24 j 21:44	0°♑	
asc. node	-2577 Dec 28 j 10:16	4°♑52'38	
evening max el	-2577 Dec 30 j 11:01	7°♑09'05	18°08'19
retrograde	-2576 Jan 06 j 01:16	10°♑36'19	
evening set	-2576 Jan 08 j 18:01	10°♑01'02	
inferior conj	-2576 Jan 15 j 05:50	4°♑51'29	3°57'13
minimum elong	-2576 Jan 15 j 04:51	4°♑53'59	3°57'07
min. Earth dist.	-2576 Jan 18 j 02:22	1°♑58'23	0.62149 AU
	-2576 Jan 20 j 06:19	30°℞♐	
morning rise	-2576 Jan 21 j 13:31	28°♐59'00	
direct	-2576 Jan 28 j 14:06	26°♐25'16	
	-2576 Feb 06 j 16:44	0°♑	
desc. node	-2576 Feb 07 j 21:37	0°♑55'00	
morning max el	-2576 Feb 11 j 14:00	4°♑12'30	27°43'59
	-2576 Mar 01 j 20:37	0°♒	
morning set	-2576 Mar 15 j 20:50	25°♒43'30	
	-2576 Mar 17 j 22:40	0°♓	
max. Earth dist.	-2576 Mar 21 j 16:51	7°♓58'17	1.32779 AU
superior conj	-2576 Mar 23 j 07:27	11°♓26'55	0°-21'-50
minimum elong	-2576 Mar 23 j 08:27	11°♓32'21	0°21'40
asc. node	-2576 Mar 25 j 09:40	15°♓59'50	
evening rise	-2576 Mar 30 j 08:23	26°♓38'22	
	-2576 Mar 31 j 23:00	0°♈	
	-2576 Apr 18 j 17:03	0°♉	
evening max el	-2576 Apr 24 j 05:35	6°♉08'56	24°17'49
desc. node	-2576 May 05 j 20:39	12°♉57'03	
retrograde	-2576 May 08 j 03:03	13°♉08'52	
evening set	-2576 May 12 j 14:49	12°♉23'40	
min. Earth dist.	-2576 May 18 j 17:16	9°♉22'24	0.56675 AU
inferior conj	-2576 May 21 j 08:26	7°♉42'40	-3°-43'-38
minimum elong	-2576 May 21 j 02:42	7°♉51'47	3°42'28
morning rise	-2576 May 29 j 18:35	3°♉38'57	
direct	-2576 Jun 01 j 07:06	3°♉21'51	
morning max el	-2576 Jun 10 j 20:23	7°♉47'41	19°35'39
asc. node	-2576 Jun 21 j 09:04	22°♉20'56	
	-2576 Jun 25 j 11:34	0°♊	
morning set	-2576 Jun 28 j 06:45	5°♊32'04	
superior conj	-2576 Jul 06 j 09:06	21°♊46'44	1°46'28
minimum elong	-2576 Jul 06 j 07:54	21°♊40'48	1°46'29
	-2576 Jul 10 j 15:04	0°♋	
max. Earth dist.	-2576 Jul 12 j 06:12	3°♋03'52	1.37479 AU
evening rise	-2576 Jul 16 j 03:38	10°♋10'03	
	-2576 Jul 28 j 00:26	0°♌	
desc. node	-2576 Aug 01 j 19:56	7°♌19'00	
	-2576 Aug 19 j 08:42	0°♍	
evening max el	-2576 Aug 20 j 23:26	1°♍38'32	25°19'14
retrograde	-2576 Sep 01 j 22:35	8°♍33'58	
evening set	-2576 Sep 07 j 19:34	6°♍04'42	
min. Earth dist.	-2576 Sep 12 j 06:37	1°♍04'24	0.66951 AU
inferior conj	-2576 Sep 13 j 06:57	29°♌45'06	-1°-22'-3
minimum elong	-2576 Sep 13 j 08:55	29°♌38'40	1°21'13
	-2576 Sep 13 j 02:23	30°℞♌	
asc. node	-2576 Sep 17 j 08:12	25°♌00'31	
morning rise	-2576 Sep 18 j 22:49	23°♌43'22	
direct	-2576 Sep 22 j 08:08	22°♌36'52	
morning max el	-2576 Sep 29 j 16:30	26°♌49'37	19°37'27
	-2576 Oct 02 j 12:05	0°♍	
greatest brilliancy	-2576 Oct 08 j 05:39	7°♍42'21	-0.7m
	-2576 Oct 22 j 22:50	0°♎	
morning set	-2576 Oct 24 j 09:10	2°♎13'06	
desc. node	-2576 Oct 28 j 19:25	9°♎06'36	
max. Earth dist.	-2576 Nov 06 j 05:55	22°♎22'41	1.44308 AU
superior conj	-2576 Nov 10 j 04:17	28°♎39'05	-1°-14'-6
minimum elong	-2576 Nov 09 j 20:49	28°♎09'08	1°13'20
	-2576 Nov 11 j 00:26	0°♏	
evening rise	-2576 Nov 24 j 05:36	21°♏46'07	
	-2576 Nov 29 j 02:58	0°♐	
evening max el	-2576 Dec 12 j 23:39	20°♐28'19	18°21'57
asc. node	-2576 Dec 14 j 07:20	21°♐42'35	
retrograde	-2576 Dec 19 j 12:51	24°♐02'55	
evening set	-2576 Dec 22 j 09:47	23°♐18'26	
inferior conj	-2576 Dec 28 j 12:16	17°♐49'18	3°40'51
minimum elong	-2576 Dec 28 j 09:49	17°♐56'13	3°40'25
min. Earth dist.	-2576 Dec 30 j 18:16	15°♐16'57	0.63915 AU
morning rise	-2575 Jan 03 j 08:23	11°♐46'59	
direct	-2575 Jan 10 j 07:22	8°♐57'50	
morning max el	-2575 Jan 23 j 22:07	16°♐43'47	27°31'26
desc. node	-2575 Jan 24 j 18:42	17°♐35'50	
	-2575 Feb 03 j 23:46	0°♑	
	-2575 Feb 22 j 14:10	0°♒	
morning set	-2575 Feb 27 j 17:32	9°♒50'03	
max. Earth dist.	-2575 Mar 04 j 20:17	20°♒15'13	1.33449 AU
superior conj	-2575 Mar 07 j 14:27	26°♒04'41	0°-47'-21
minimum elong	-2575 Mar 07 j 16:35	26°♒16'05	0°47'00
	-2575 Mar 09 j 10:27	0°♓	
asc. node	-2575 Mar 12 j 06:42	6°♓05'52	
evening rise	-2575 Mar 14 j 19:50	11°♓30'00	
	-2575 Mar 24 j 09:59	0°♈	
evening max el	-2575 Apr 05 j 21:58	16°♈49'18	22°43'19
retrograde	-2575 Apr 19 j 01:57	23°♈17'31	
evening set	-2575 Apr 22 j 06:32	22°♈55'15	
desc. node	-2575 Apr 22 j 17:43	22°♈48'25	
min. Earth dist.	-2575 Apr 30 j 07:13	19°♈24'11	0.55462 AU
inferior conj	-2575 May 01 j 13:34	18°♈40'38	-2°-22'-17
minimum elong	-2575 May 01 j 07:43	18°♈49'02	2°20'31
morning rise	-2575 May 10 j 11:21	14°♈44'45	
direct	-2575 May 13 j 03:05	14°♈28'16	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning max el	-2575 May 24 j 07:59	19°♈41'53	20°49'27
	-2575 Jun 01 j 14:21	0°♉	
asc. node	-2575 Jun 08 j 06:07	11°♉38'00	
morning set	-2575 Jun 12 j 13:14	20°♉11'52	
	-2575 Jun 17 j 06:48	0°♊	
superior conj	-2575 Jun 20 j 03:43	5°♊55'40	1°37'18
minimum elong	-2575 Jun 20 j 01:27	5°♊44'02	1°37'10
max. Earth dist.	-2575 Jun 24 j 14:21	14°♊51'34	1.35769 AU
evening rise	-2575 Jun 28 j 20:51	23°♊03'37	
	-2575 Jul 02 j 15:57	0°♋	
desc. node	-2575 Jul 19 j 16:57	27°♋13'51	
	-2575 Jul 21 j 16:43	0°♌	
evening max el	-2575 Aug 03 j 10:46	15°♌11'48	26°23'34
retrograde	-2575 Aug 16 j 04:54	22°♌24'32	
evening set	-2575 Aug 22 j 16:01	19°♌42'41	
min. Earth dist.	-2575 Aug 26 j 19:02	15°♌20'25	0.66180 AU
inferior conj	-2575 Aug 28 j 07:17	13°♌29'13	-2°-14'-43
minimum elong	-2575 Aug 28 j 10:26	13°♌19'33	2°13'31
morning rise	-2575 Sep 03 j 05:46	7°♌38'40	
asc. node	-2575 Sep 04 j 05:17	7°♌10'27	
direct	-2575 Sep 06 j 06:14	6°♌46'43	
morning max el	-2575 Sep 13 j 01:31	10°♌34'55	18°46'57
	-2575 Sep 26 j 21:21	0°♍	
morning set	-2575 Oct 04 j 03:38	11°♍32'27	
desc. node	-2575 Oct 15 j 16:26	29°♍48'11	
	-2575 Oct 15 j 19:26	0°♎	
superior conj	-2575 Oct 20 j 06:52	7°♎03'01	0°-29'-14
minimum elong	-2575 Oct 20 j 03:02	6°♎47'55	0°28'46
max. Earth dist.	-2575 Oct 19 j 23:14	6°♎32'57	1.44879 AU
	-2575 Nov 03 j 18:13	0°♏	
evening rise	-2575 Nov 05 j 03:02	2°♏11'32	
	-2575 Nov 23 j 03:32	0°♐	
evening max el	-2575 Nov 26 j 10:47	3°♐53'26	18°53'30
asc. node	-2575 Dec 01 j 04:22	7°♐21'03	
retrograde	-2575 Dec 03 j 06:32	7°♐45'13	
evening set	-2575 Dec 06 j 09:09	6°♐49'47	
inferior conj	-2575 Dec 12 j 04:35	1°♐03'26	3°11'09
minimum elong	-2575 Dec 12 j 01:34	1°♐12'42	3°10'21
	-2575 Dec 13 j 01:07	30°℞♏	
min. Earth dist.	-2575 Dec 13 j 19:40	29°♏03'11	0.65331 AU
morning rise	-2575 Dec 17 j 16:59	24°♏54'09	
direct	-2575 Dec 24 j 07:05	22°♏04'39	
morning max el	-2574 Jan 06 j 07:41	29°♏39'50	26°47'14
	-2574 Jan 06 j 15:42	0°♐	
desc. node	-2574 Jan 11 j 15:47	5°♐33'28	
	-2574 Jan 28 j 21:07	0°♑	
morning set	-2574 Feb 11 j 03:35	23°♑20'05	
	-2574 Feb 14 j 13:46	0°♒	
max. Earth dist.	-2574 Feb 15 j 13:28	1°♒58'12	1.34557 AU
superior conj	-2574 Feb 19 j 16:07	10°♒21'55	-1°-11'-33
minimum elong	-2574 Feb 19 j 19:09	10°♒37'40	1°11'08
evening rise	-2574 Feb 27 j 05:22	26°♒10'39	
asc. node	-2574 Feb 27 j 03:43	26°♒02'06	
	-2574 Mar 01 j 02:05	0°♓	
evening max el	-2574 Mar 18 j 20:53	27°♓45'57	21°13'53
	-2574 Mar 21 j 11:42	0°♈	
retrograde	-2574 Mar 30 j 15:49	3°♈26'13	
evening set	-2574 Apr 02 j 02:07	3°♈12'39	
desc. node	-2574 Apr 09 j 14:47	0°♈12'25	
	-2574 Apr 09 j 23:48	30°℞♓	
inferior conj	-2574 Apr 11 j 08:50	29°♓13'44	0°-29'-31
minimum elong	-2574 Apr 11 j 07:27	29°♓15'42	0°29'02
min. Earth dist.	-2574 Apr 11 j 20:53	28°♓56'46	0.55110 AU
morning rise	-2574 Apr 20 j 12:27	25°♓09'19	
direct	-2574 Apr 23 j 14:53	24°♓48'22	
	-2574 May 05 j 08:40	0°♈	
morning max el	-2574 May 06 j 08:49	0°♈54'35	22°19'58
	-2574 May 25 j 11:43	0°♉	
asc. node	-2574 May 26 j 03:09	1°♉18'03	
morning set	-2574 May 27 j 23:21	5°♉05'23	
superior conj	-2574 Jun 04 j 06:09	20°♉29'50	1°22'39
minimum elong	-2574 Jun 04 j 03:32	20°♉16'02	1°22'22
max. Earth dist.	-2574 Jun 07 j 08:13	26°♉56'21	1.34407 AU
	-2574 Jun 08 j 20:08	0°♊	
evening rise	-2574 Jun 12 j 05:26	6°♊44'33	
	-2574 Jun 25 j 06:48	0°♋	
desc. node	-2574 Jul 06 j 13:57	16°♋38'15	
evening max el	-2574 Jul 16 j 22:26	28°♋37'26	27°07'48
	-2574 Jul 18 j 10:02	0°♌	
retrograde	-2574 Jul 30 j 05:44	5°♌57'48	
evening set	-2574 Aug 06 j 04:13	3°♌11'27	
	-2574 Aug 09 j 12:05	30°℞♋	
min. Earth dist.	-2574 Aug 10 j 00:01	29°♋27'19	0.65044 AU
inferior conj	-2574 Aug 12 j 01:28	27°♋07'31	-3°-3'-41
minimum elong	-2574 Aug 12 j 05:26	26°♋56'17	3°02'27
morning rise	-2574 Aug 18 j 08:03	21°♋31'35	
direct	-2574 Aug 21 j 02:02	20°♋50'53	
asc. node	-2574 Aug 22 j 02:22	20°♋56'25	
morning max el	-2574 Aug 27 j 14:54	24°♋23'05	18°13'01
	-2574 Sep 01 j 04:42	0°♌	
morning set	-2574 Sep 15 j 01:53	22°♌13'18	
	-2574 Sep 19 j 18:55	0°♍	
superior conj	-2574 Sep 29 j 09:36	15°♍32'24	0°20'16
minimum elong	-2574 Sep 29 j 12:06	15°♍42'19	0°19'56
max. Earth dist.	-2574 Oct 02 j 17:54	20°♍50'53	1.44713 AU
desc. node	-2574 Oct 02 j 13:25	20°♍33'12	
	-2574 Oct 08 j 13:37	0°♎	
evening rise	-2574 Oct 16 j 00:39	11°♎37'50	
	-2574 Oct 27 j 22:40	0°♏	
greatest brilliancy	-2574 Nov 01 j 15:52	6°♏59'12	-0.7m
evening max el	-2574 Nov 09 j 18:07	17°♏20'22	19°41'25
retrograde	-2574 Nov 17 j 03:17	21°♏38'05	
asc. node	-2574 Nov 18 j 01:26	21°♏33'11	
evening set	-2574 Nov 20 j 13:28	20°♏29'30	
inferior conj	-2574 Nov 26 j 03:48	14°♏28'58	2°32'06
minimum elong	-2574 Nov 26 j 00:55	14°♏38'24	2°31'07
min. Earth dist.	-2574 Nov 27 j 05:16	13°♏05'33	0.66375 AU
morning rise	-2574 Dec 01 j 11:41	8°♏14'55	
direct	-2574 Dec 07 j 12:25	5°♏36'40	
morning max el	-2574 Dec 19 j 16:50	12°♏49'03	25°39'07
desc. node	-2574 Dec 29 j 12:49	24°♏24'54	
	-2573 Jan 02 j 15:03	0°♐	
	-2573 Jan 21 j 14:09	0°♑	
morning set	-2573 Jan 24 j 22:20	5°♑59'06	
max. Earth dist.	-2573 Jan 28 j 19:04	13°♑11'13	1.36113 AU
superior conj	-2573 Feb 03 j 09:44	24°♑09'32	-1°-32'-53
minimum elong	-2573 Feb 03 j 13:07	24°♑26'31	1°32'33
	-2573 Feb 06 j 07:03	0°♒	
evening rise	-2573 Feb 11 j 10:57	10°♒32'56	
asc. node	-2573 Feb 14 j 00:43	15°♒42'47	
	-2573 Feb 21 j 23:17	0°♓	
evening max el	-2573 Mar 01 j 05:56	9°♓14'39	19°58'39
retrograde	-2573 Mar 11 j 08:22	14°♓03'27	
evening set	-2573 Mar 13 j 14:00	13°♓50'21	
inferior conj	-2573 Mar 22 j 08:10	9°♓49'40	1°24'33
minimum elong	-2573 Mar 22 j 11:38	9°♓44'22	1°23'24
min. Earth dist.	-2573 Mar 24 j 10:57	8°♓32'26	0.55693 AU
desc. node	-2573 Mar 27 j 11:51	6°♓50'51	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning rise	-2573 Mar 31 j 06:24	5°♓19'45	
direct	-2573 Apr 04 j 06:35	4°♓44'24	
morning max el	-2573 Apr 18 j 01:54	11°♓35'57	23°59'27
	-2573 May 01 j 22:41	0°♈	
morning set	-2573 May 12 j 11:15	20°♈05'44	
asc. node	-2573 May 13 j 00:10	21°♈13'45	
	-2573 May 17 j 02:26	0°♉	
superior conj	-2573 May 19 j 13:41	5°♉20'00	1°03'54
minimum elong	-2573 May 19 j 11:17	5°♉07'06	1°03'33
max. Earth dist.	-2573 May 21 j 11:19	9°♉24'41	1.33413 AU
evening rise	-2573 May 27 j 00:58	20°♉58'59	
	-2573 May 31 j 16:00	0°♊	
	-2573 Jun 19 j 06:18	0°♋	
desc. node	-2573 Jun 23 j 10:58	5°♋19'20	
evening max el	-2573 Jun 29 j 08:48	11°♋43'04	27°25'11
retrograde	-2573 Jul 13 j 00:52	19°♋05'18	
evening set	-2573 Jul 20 j 05:00	16°♋26'06	
min. Earth dist.	-2573 Jul 23 j 19:39	13°♋15'56	0.63529 AU
inferior conj	-2573 Jul 26 j 10:55	10°♋34'33	-3°-45'-53
minimum elong	-2573 Jul 26 j 14:58	10°♋24'13	3°44'57
morning rise	-2573 Aug 02 j 02:57	5°♋16'36	
direct	-2573 Aug 04 j 16:44	4°♋44'15	
asc. node	-2573 Aug 08 j 23:26	6°♋13'55	
morning max el	-2573 Aug 11 j 06:05	8°♋09'08	17°56'37
	-2573 Aug 25 j 16:49	0°♌	
morning set	-2573 Aug 28 j 01:29	4°♌06'41	
superior conj	-2573 Sep 09 j 08:53	25°♌04'42	1°02'07
minimum elong	-2573 Sep 09 j 14:21	25°♌27'20	1°01'31
	-2573 Sep 12 j 08:54	0°♍	
max. Earth dist.	-2573 Sep 15 j 10:10	4°♍56'00	1.43841 AU
desc. node	-2573 Sep 19 j 10:25	11°♍18'41	
evening rise	-2573 Sep 25 j 06:58	20°♍27'09	
	-2573 Oct 01 j 12:41	0°♎	
greatest brilliancy	-2573 Oct 17 j 22:54	23°♎46'40	-0.5m
	-2573 Oct 23 j 02:05	0°♏	
evening max el	-2573 Oct 23 j 19:59	0°♏47'11	20°43'37
retrograde	-2573 Nov 01 j 00:42	5°♏38'08	
evening set	-2573 Nov 04 j 20:34	4°♏14'05	
asc. node	-2573 Nov 04 j 22:30	4°♏10'30	
	-2573 Nov 08 j 20:33	30°℞♎	
inferior conj	-2573 Nov 10 j 07:30	28°♎02'50	1°46'27
minimum elong	-2573 Nov 10 j 05:15	28°♎10'29	1°45'33
min. Earth dist.	-2573 Nov 10 j 21:00	27°♎16'52	0.67064 AU
morning rise	-2573 Nov 15 j 13:30	21°♎46'21	
direct	-2573 Nov 20 j 23:01	19°♎26'29	
morning max el	-2573 Dec 02 j 01:30	26°♎03'47	24°16'36
	-2573 Dec 05 j 16:26	0°♏	
desc. node	-2573 Dec 16 j 09:51	13°♏54'34	
	-2573 Dec 27 j 05:01	0°♐	
morning set	-2572 Jan 06 j 20:02	17°♐31'37	
max. Earth dist.	-2572 Jan 10 j 16:08	24°♐18'26	1.38036 AU
	-2572 Jan 13 j 18:56	0°♑	
superior conj	-2572 Jan 17 j 15:53	7°♑18'23	-1°-49'-5
minimum elong	-2572 Jan 17 j 18:39	7°♑31'38	1°48'59
evening rise	-2572 Jan 26 j 10:18	24°♑30'29	
	-2572 Jan 29 j 05:44	0°♒	
asc. node	-2572 Jan 31 j 21:44	5°♒02'10	
evening max el	-2572 Feb 12 j 01:29	21°♒19'47	19°02'06
retrograde	-2572 Feb 20 j 14:52	25°♒26'11	
evening set	-2572 Feb 22 j 22:45	25°♒09'13	
inferior conj	-2572 Mar 01 j 23:35	20°♒54'23	2°51'10
minimum elong	-2572 Mar 02 j 04:19	20°♒46'04	2°49'59
min. Earth dist.	-2572 Mar 05 j 02:35	18°♒43'51	0.57082 AU
morning rise	-2572 Mar 10 j 05:55	15°♒52'54	

desc. node	-2572 Mar 13 j 08:56	14°♒59'10	
direct	-2572 Mar 15 j 10:49	14°♒48'48	
morning max el	-2572 Mar 29 j 16:55	22°♒10'28	25°34'40
	-2572 Apr 05 j 14:17	0°♓	
	-2572 Apr 23 j 11:48	0°♈	
morning set	-2572 Apr 25 j 23:15	5°♈06'49	
asc. node	-2572 Apr 28 j 21:11	11°♈19'47	
superior conj	-2572 May 03 j 00:13	20°♈18'54	0°42'08
minimum elong	-2572 May 02 j 22:28	20°♈09'21	0°41'49
max. Earth dist.	-2572 May 03 j 21:04	22°♈12'28	1.32782 AU
	-2572 May 07 j 11:50	0°♉	
evening rise	-2572 May 10 j 04:04	5°♉36'15	
	-2572 May 23 j 07:07	0°♊	
desc. node	-2572 Jun 09 j 08:00	22°♊58'34	
evening max el	-2572 Jun 10 j 15:33	24°♊16'19	27°10'57
	-2572 Jun 18 j 08:48	0°♋	
retrograde	-2572 Jun 24 j 13:32	1°♋37'17	
	-2572 Jun 30 j 11:13	30°℞♊	
evening set	-2572 Jul 01 j 14:23	29°♊19'35	
min. Earth dist.	-2572 Jul 05 j 05:18	26°♊32'46	0.61682 AU
inferior conj	-2572 Jul 08 j 08:30	23°♊42'56	-4°-16'-36
minimum elong	-2572 Jul 08 j 11:22	23°♊36'25	4°16'12
morning rise	-2572 Jul 15 j 11:07	18°♊45'38	
direct	-2572 Jul 17 j 22:48	18°♊19'20	
morning max el	-2572 Jul 24 j 20:16	21°♊46'05	17°58'40
asc. node	-2572 Jul 25 j 20:31	22°♊48'46	
	-2572 Jul 31 j 03:57	0°♋	
morning set	-2572 Aug 09 j 20:47	16°♋56'34	
	-2572 Aug 17 j 02:06	0°♌	
superior conj	-2572 Aug 20 j 11:46	5°♌58'52	1°30'23
minimum elong	-2572 Aug 20 j 16:18	6°♌18'33	1°30'03
max. Earth dist.	-2572 Aug 27 j 21:16	18°♌29'57	1.42391 AU
evening rise	-2572 Sep 03 j 16:01	29°♌26'20	
	-2572 Sep 04 j 00:33	0°♍	
desc. node	-2572 Sep 05 j 07:23	2°♍01'04	
	-2572 Sep 24 j 04:42	0°♎	
greatest brilliancy	-2572 Sep 30 j 20:42	8°♎46'42	-0.4m
evening max el	-2572 Oct 05 j 15:45	14°♎13'18	21°56'59
retrograde	-2572 Oct 14 j 20:50	19°♎41'58	
evening set	-2572 Oct 19 j 04:32	18°♎00'18	
asc. node	-2572 Oct 21 j 19:35	15°♎20'27	
inferior conj	-2572 Oct 24 j 13:39	11°♎42'04	0°56'15
minimum elong	-2572 Oct 24 j 12:23	11°♎46'29	0°55'42
min. Earth dist.	-2572 Oct 24 j 16:24	11°♎32'33	0.67429 AU
morning rise	-2572 Oct 29 j 20:00	5°♎25'52	
direct	-2572 Nov 03 j 14:15	3°♎27'33	
morning max el	-2572 Nov 13 j 11:40	9°♎21'08	22°49'31
greatest brilliancy	-2572 Nov 18 j 05:48	14°♎41'20	-0.3m
	-2572 Nov 29 j 15:22	0°♏	
desc. node	-2572 Dec 02 j 06:53	3°♏50'58	
morning set	-2572 Dec 17 j 14:35	27°♏42'15	
	-2572 Dec 18 j 23:53	0°♐	
max. Earth dist.	-2572 Dec 22 j 11:45	5°♐53'51	1.40124 AU
superior conj	-2572 Dec 30 j 06:02	19°♐36'28	-1°-57'-10
minimum elong	-2572 Dec 30 j 06:40	19°♐39'24	1°57'15
	-2571 Jan 04 j 20:18	0°♑	
evening rise	-2571 Jan 09 j 00:31	7°♑55'50	
asc. node	-2571 Jan 17 j 18:47	23°♑53'04	
	-2571 Jan 21 j 20:06	0°♒	
evening max el	-2571 Jan 25 j 05:34	3°♒56'20	18°25'38
retrograde	-2571 Feb 01 j 15:52	7°♒35'34	
evening set	-2571 Feb 04 j 03:26	7°♒12'20	
inferior conj	-2571 Feb 11 j 11:40	2°♒37'11	3°40'49
minimum elong	-2571 Feb 11 j 14:33	2°♒31'15	3°40'23

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2571 Feb 14 j 17:05	30℞♉	
min. Earth dist.	-2571 Feb 14 j 21:34	29°♉51'18	0.58973 AU
morning rise	-2571 Feb 18 j 22:08	27°♉10'14	
direct	-2571 Feb 25 j 04:30	25°♉27'47	
desc. node	-2571 Feb 28 j 06:00	25°♉51'38	
	-2571 Mar 07 j 23:26	0°♒	
morning max el	-2571 Mar 11 j 11:17	3°♒04'59	26°50'25
	-2571 Mar 30 j 23:24	0°♓	
morning set	-2571 Apr 10 j 09:41	20°♓02'42	
	-2571 Apr 15 j 01:24	0°♈	
asc. node	-2571 Apr 15 j 18:13	1°♈31'41	
superior conj	-2571 Apr 17 j 11:59	5°♈20'20	0°18'14
minimum elong	-2571 Apr 17 j 11:11	5°♈15'55	0°18'04
max. Earth dist.	-2571 Apr 17 j 10:02	5°♈09'38	1.32502 AU
evening rise	-2571 Apr 24 j 12:09	20°♈27'39	
	-2571 Apr 29 j 05:23	0°♉	
	-2571 May 18 j 01:27	0°♊	
evening max el	-2571 May 23 j 16:43	6°♊09'03	26°24'07
desc. node	-2571 May 27 j 05:03	9°♊10'25	
retrograde	-2571 Jun 06 j 18:17	13°♊26'13	
evening set	-2571 Jun 13 j 04:07	11°♊42'51	
min. Earth dist.	-2571 Jun 17 j 05:56	9°♊03'16	0.59647 AU
inferior conj	-2571 Jun 20 j 14:41	6°♊24'23	-4°-28'-28
minimum elong	-2571 Jun 20 j 14:45	6°♊24'17	4°28'24
morning rise	-2571 Jun 28 j 04:53	1°♊49'11	
direct	-2571 Jun 30 j 16:15	1°♊27'13	
morning max el	-2571 Jul 08 j 06:30	5°♊06'26	18°20'09
asc. node	-2571 Jul 12 j 17:35	10°♊25'47	
morning set	-2571 Jul 24 j 06:39	0°♋30'17	
	-2571 Jul 24 j 00:17	0°♋	
superior conj	-2571 Aug 02 j 15:32	18°♋07'49	1°45'04
minimum elong	-2571 Aug 02 j 17:36	18°♋17'18	1°45'02
	-2571 Aug 09 j 07:33	0°♌	
max. Earth dist.	-2571 Aug 10 j 02:53	1°♌23'18	1.40562 AU
evening rise	-2571 Aug 14 j 20:59	9°♌23'03	
desc. node	-2571 Aug 23 j 04:23	22°♌37'11	
	-2571 Aug 28 j 01:32	0°♍	
greatest brilliancy	-2571 Sep 12 j 01:52	20°♍40'30	-0.2m
evening max el	-2571 Sep 18 j 06:29	27°♍41'16	23°16'38
	-2571 Sep 20 j 18:02	0°♎	
retrograde	-2571 Sep 28 j 14:10	3°♎47'37	
evening set	-2571 Oct 03 j 11:38	1°♎46'55	
	-2571 Oct 05 j 07:10	30℞♍	
inferior conj	-2571 Oct 08 j 20:28	25°♍25'25	0°03'15
minimum elong	-2571 Oct 08 j 20:23	25°♍25'41	0°03'14
transit middle	-2571 Oct 08 j 20:23	25°♍25'41	0°03'14
transit begin	-2571 Oct 08 j 17:44	25°♍34'48	
transit end	-2571 Oct 08 j 23:02	25°♍16'35	
min. Earth dist.	-2571 Oct 08 j 12:59	25°♍51'06	0.67494 AU
asc. node	-2571 Oct 08 j 16:42	25°♍38'21	
morning rise	-2571 Oct 14 j 05:08	19°♍12'28	
direct	-2571 Oct 18 j 09:12	17°♍35'56	
morning max el	-2571 Oct 27 j 02:45	22°♍44'45	21°26'23
greatest brilliancy	-2571 Nov 01 j 07:20	28°♍43'34	-0.4m
	-2571 Nov 02 j 07:18	0°♎	
desc. node	-2571 Nov 19 j 03:54	24°♎06'32	
	-2571 Nov 23 j 00:16	0°♏	
morning set	-2571 Nov 27 j 04:43	6°♏32'06	
max. Earth dist.	-2571 Dec 04 j 13:14	18°♏22'56	1.42096 AU
	-2571 Dec 11 j 10:59	0°♐	
superior conj	-2571 Dec 11 j 22:39	0°♐50'18	-1°-53'-17
minimum elong	-2571 Dec 11 j 19:34	0°♐36'59	1°53'14
evening rise	-2571 Dec 23 j 02:05	20°♐41'21	
	-2571 Dec 28 j 05:47	0°♑	

asc. node	-2570 Jan 04 j 15:51	12°♑06'20	
evening max el	-2570 Jan 08 j 15:16	16°♑55'24	18°09'05
retrograde	-2570 Jan 15 j 09:45	20°♑22'58	
evening set	-2570 Jan 18 j 00:42	19°♑52'12	
inferior conj	-2570 Jan 24 j 19:05	14°♑54'54	3°58'21
minimum elong	-2570 Jan 24 j 19:22	14°♑54'14	3°58'17
min. Earth dist.	-2570 Jan 27 j 22:39	11°♑58'00	0.61020 AU
morning rise	-2570 Jan 31 j 11:25	9°♑10'20	
direct	-2570 Feb 07 j 08:45	6°♑52'14	
desc. node	-2570 Feb 15 j 03:06	9°♑26'24	
morning max el	-2570 Feb 21 j 11:43	14°♑36'28	27°34'56
	-2570 Mar 05 j 23:00	0°♒	
	-2570 Mar 23 j 08:11	0°♓	
morning set	-2570 Mar 25 j 16:37	4°♓45'43	
max. Earth dist.	-2570 Mar 31 j 22:31	18°♓02'29	1.32575 AU
superior conj	-2570 Apr 01 j 23:14	20°♓17'10	0°-7'-1
minimum elong	-2570 Apr 01 j 23:33	20°♓18'56	0°06'59
behind sun begin	-2570 Apr 01 j 18:59	19°♓54'00	
behind sun end	-2570 Apr 02 j 04:07	20°♓43'52	
asc. node	-2570 Apr 02 j 15:14	21°♓44'32	
	-2570 Apr 06 j 10:13	0°♈	
evening rise	-2570 Apr 08 j 22:59	5°♈24'32	
	-2570 Apr 22 j 01:57	0°♉	
evening max el	-2570 May 05 j 11:37	17°♉19'36	25°09'19
desc. node	-2570 May 14 j 02:07	23°♉19'47	
retrograde	-2570 May 19 j 12:32	24°♉28'10	
evening set	-2570 May 24 j 19:30	23°♉23'30	
min. Earth dist.	-2570 May 29 j 23:40	20°♉34'23	0.57669 AU
inferior conj	-2570 Jun 02 j 01:59	18°♉27'57	-4°-11'-9
minimum elong	-2570 Jun 01 j 22:06	18°♉34'37	4°10'38
morning rise	-2570 Jun 10 j 04:40	14°♉14'02	
direct	-2570 Jun 12 j 16:47	13°♉55'18	
morning max el	-2570 Jun 21 j 09:45	17°♉59'44	19°02'05
asc. node	-2570 Jun 29 j 14:38	28°♉50'03	
	-2570 Jun 30 j 07:19	0°♊	
morning set	-2570 Jul 08 j 02:52	14°♊35'59	
	-2570 Jul 15 j 22:51	0°♋	
superior conj	-2570 Jul 16 j 14:22	1°♋14'45	1°48'32
minimum elong	-2570 Jul 16 j 14:09	1°♋13'43	1°48'35
max. Earth dist.	-2570 Jul 23 j 05:28	13°♋36'50	1.38589 AU
evening rise	-2570 Jul 27 j 03:40	20°♋33'37	
	-2570 Aug 01 j 18:09	0°♌	
desc. node	-2570 Aug 10 j 01:25	13°♌02'10	
	-2570 Aug 22 j 02:55	0°♍	
evening max el	-2570 Aug 31 j 18:15	11°♍12'24	24°36'17
retrograde	-2570 Sep 12 j 03:43	17°♍51'44	
evening set	-2570 Sep 17 j 16:10	15°♍32'09	
min. Earth dist.	-2570 Sep 22 j 08:12	10°♍11'01	0.67248 AU
inferior conj	-2570 Sep 23 j 02:11	9°♍11'00	0°-50'-55
minimum elong	-2570 Sep 23 j 03:24	9°♍06'55	0°50'23
asc. node	-2570 Sep 25 j 13:47	6°♍00'15	
morning rise	-2570 Sep 28 j 14:58	3°♍04'27	
direct	-2570 Oct 02 j 06:34	1°♍47'49	
morning max el	-2570 Oct 10 j 01:07	6°♍18'07	20°13'22
greatest brilliancy	-2570 Oct 16 j 22:32	14°♍41'38	-0.6m
	-2570 Oct 27 j 11:41	0°♎	
morning set	-2570 Nov 06 j 02:41	14°♎42'33	
desc. node	-2570 Nov 06 j 00:55	14°♎35'44	
	-2570 Nov 15 j 20:23	0°♏	
max. Earth dist.	-2570 Nov 16 j 22:51	1°♏45'50	1.43669 AU
superior conj	-2570 Nov 22 j 12:49	10°♏48'55	-1°-33'-29
minimum elong	-2570 Nov 22 j 05:57	10°♏20'47	1°32'56
	-2570 Dec 03 j 21:59	0°♐	
evening rise	-2570 Dec 05 j 10:50	2°♐39'11	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2570 Dec 22 j 12:55	29°♐30'42	
evening max el	-2570 Dec 23 j 03:36	0°♑09'06	18°11'53
	-2570 Dec 23 j 00:02	0°♑	
retrograde	-2570 Dec 29 j 16:16	3°♑38'04	
evening set	-2569 Jan 01 j 10:45	2°♑58'54	
	-2569 Jan 05 j 11:46	30°℞♐	
inferior conj	-2569 Jan 07 j 18:15	27°♐40'30	3°52'15
minimum elong	-2569 Jan 07 j 16:32	27°♐45'05	3°52'01
min. Earth dist.	-2569 Jan 10 j 08:41	24°♐54'42	0.62934 AU
morning rise	-2569 Jan 13 j 20:31	21°♐43'33	
direct	-2569 Jan 20 j 21:28	19°♐01'44	
desc. node	-2569 Feb 02 j 00:10	25°♐09'50	
morning max el	-2569 Feb 03 j 17:52	26°♐48'34	27°43'04
	-2569 Feb 06 j 18:32	0°♑	
	-2569 Feb 27 j 12:47	0°♒	
morning set	-2569 Mar 09 j 17:51	19°♒08'18	
	-2569 Mar 14 j 23:36	0°♓	
max. Earth dist.	-2569 Mar 15 j 06:36	0°♓37'13	1.33016 AU
superior conj	-2569 Mar 17 j 08:18	5°♓03'39	0°-32'-43
minimum elong	-2569 Mar 17 j 09:48	5°♓11'44	0°32'27
asc. node	-2569 Mar 20 j 12:16	11°♓54'26	
evening rise	-2569 Mar 24 j 10:44	20°♓20'04	
	-2569 Mar 29 j 04:43	0°♈	
evening max el	-2569 Apr 17 j 03:00	28°♈02'35	23°37'45
	-2569 Apr 19 j 07:39	0°♉	
retrograde	-2569 Apr 30 j 18:29	4°♉51'09	
desc. node	-2569 Apr 30 j 23:10	4°♉51'04	
evening set	-2569 May 04 j 16:27	4°♉17'24	
min. Earth dist.	-2569 May 11 j 13:52	1°♉05'10	0.56077 AU
	-2569 May 13 j 09:18	30°℞♈	
inferior conj	-2569 May 13 j 17:07	29°♈48'12	-3°-14'-11
minimum elong	-2569 May 13 j 10:43	29°♈57'51	3°12'36
morning rise	-2569 May 22 j 08:36	25°♈49'47	
direct	-2569 May 24 j 22:12	25°♈33'13	
	-2569 Jun 03 j 19:57	0°♉	
morning max el	-2569 Jun 04 j 03:32	0°♉17'18	20°04'39
asc. node	-2569 Jun 16 j 11:40	17°♉50'22	
morning set	-2569 Jun 22 j 06:18	29°♉05'18	
	-2569 Jun 22 j 17:06	0°♊	
superior conj	-2569 Jun 30 j 02:59	15°♊04'47	1°43'21
minimum elong	-2569 Jun 30 j 01:14	14°♊56'00	1°43'19
max. Earth dist.	-2569 Jul 05 j 09:53	25°♊26'12	1.36720 AU
	-2569 Jul 07 j 20:04	0°♋	
evening rise	-2569 Jul 09 j 09:41	2°♋53'02	
	-2569 Jul 25 j 18:50	0°♌	
desc. node	-2569 Jul 27 j 22:26	3°♌10'10	
evening max el	-2569 Aug 14 j 05:10	24°♌45'28	25°48'28
	-2569 Aug 20 j 18:20	0°♍	
retrograde	-2569 Aug 26 j 12:49	1°♍49'19	
	-2569 Aug 31 j 16:46	30°℞♌	
evening set	-2569 Sep 01 j 16:12	29°♌13'39	
min. Earth dist.	-2569 Sep 05 j 23:42	24°♌29'40	0.66672 AU
inferior conj	-2569 Sep 07 j 05:01	22°♌56'23	-1°-44'-40
minimum elong	-2569 Sep 07 j 07:31	22°♌48'25	1°43'40
asc. node	-2569 Sep 12 j 10:51	17°♌20'26	
morning rise	-2569 Sep 12 j 23:33	16°♌59'17	
direct	-2569 Sep 16 j 04:49	15°♌59'27	
morning max el	-2569 Sep 23 j 06:45	20°♌00'22	19°14'02
	-2569 Oct 01 j 02:45	0°♍	
morning set	-2569 Oct 16 j 08:03	23°♍21'48	
	-2569 Oct 20 j 13:48	0°♎	
desc. node	-2569 Oct 23 j 21:55	5°♎13'51	
max. Earth dist.	-2569 Oct 30 j 14:15	15°♎44'14	1.44639 AU
superior conj	-2569 Nov 02 j 01:03	19°♎36'57	0°-56'-26
minimum elong	-2569 Nov 01 j 18:25	19°♎10'38	0°55'40
	-2569 Nov 08 j 12:58	0°♏	
evening rise	-2569 Nov 16 j 22:13	13°♏40'16	
	-2569 Nov 26 j 21:31	0°♐	
evening max el	-2569 Dec 06 j 15:47	13°♐30'34	18°33'13
asc. node	-2569 Dec 09 j 09:59	15°♐51'48	
retrograde	-2569 Dec 13 j 06:59	17°♐11'43	
evening set	-2569 Dec 16 j 06:04	16°♐22'50	
inferior conj	-2569 Dec 22 j 05:16	10°♐45'45	3°29'37
minimum elong	-2569 Dec 22 j 02:29	10°♐53'57	3°29'01
min. Earth dist.	-2569 Dec 24 j 04:45	8°♐26'13	0.64557 AU
morning rise	-2569 Dec 27 j 21:38	4°♐39'58	
direct	-2568 Jan 03 j 17:22	1°♐49'12	
morning max el	-2568 Jan 17 j 03:07	9°♐32'15	27°16'13
desc. node	-2568 Jan 19 j 21:13	12°♐26'15	
	-2568 Feb 02 j 05:44	0°♑	
	-2568 Feb 19 j 21:06	0°♒	
morning set	-2568 Feb 21 j 10:27	3°♒00'18	
max. Earth dist.	-2568 Feb 26 j 06:08	12°♒40'13	1.33863 AU
superior conj	-2568 Feb 29 j 13:14	19°♒32'41	0°-57'-53
minimum elong	-2568 Feb 29 j 15:48	19°♒46'14	0°57'28
	-2568 Mar 05 j 11:18	0°♓	
asc. node	-2568 Mar 06 j 09:18	1°♓56'31	
evening rise	-2568 Mar 07 j 21:33	5°♓07'07	
	-2568 Mar 21 j 14:40	0°♈	
evening max el	-2568 Mar 28 j 21:12	8°♈45'32	22°03'58
retrograde	-2568 Apr 10 j 13:02	14°♈55'39	
evening set	-2568 Apr 13 j 07:49	14°♈38'27	
desc. node	-2568 Apr 16 j 20:12	13°♈32'15	
min. Earth dist.	-2568 Apr 22 j 03:29	10°♈50'18	0.55192 AU
inferior conj	-2568 Apr 22 j 16:27	10°♈32'00	-1°-36'-52
minimum elong	-2568 Apr 22 j 12:05	10°♈38'10	1°35'24
morning rise	-2568 May 01 j 17:51	6°♈35'01	
direct	-2568 May 04 j 12:36	6°♈17'41	
morning max el	-2568 May 16 j 10:30	11°♈53'37	21°26'19
	-2568 May 29 j 12:02	0°♉	
asc. node	-2568 Jun 02 j 08:42	7°♉17'56	
morning set	-2568 Jun 05 j 14:32	13°♉51'38	
superior conj	-2568 Jun 13 j 01:19	29°♉25'55	1°31'40
minimum elong	-2568 Jun 12 j 22:49	29°♉12'57	1°31'29
	-2568 Jun 13 j 07:53	0°♊	
max. Earth dist.	-2568 Jun 16 j 21:41	7°♊18'04	1.35140 AU
evening rise	-2568 Jun 21 j 10:00	16°♊08'25	
	-2568 Jun 29 j 01:24	0°♋	
desc. node	-2568 Jul 13 j 19:25	22°♋53'37	
	-2568 Jul 19 j 05:42	0°♌	
evening max el	-2568 Jul 26 j 16:31	8°♌16'15	26°45'12
retrograde	-2568 Aug 08 j 17:04	15°♌34'03	
evening set	-2568 Aug 15 j 09:31	12°♌48'47	
min. Earth dist.	-2568 Aug 19 j 09:11	8°♌43'05	0.65741 AU
inferior conj	-2568 Aug 21 j 03:01	6°♌38'47	-2°-36'-5
minimum elong	-2568 Aug 21 j 06:35	6°♌28'12	2°34'51
morning rise	-2568 Aug 27 j 04:48	0°♌54'15	
asc. node	-2568 Aug 29 j 07:54	0°♌10'53	
direct	-2568 Aug 30 j 02:07	0°♌07'40	
morning max el	-2568 Sep 05 j 18:00	3°♌48'13	18°30'26
	-2568 Sep 23 j 13:48	0°♍	
morning set	-2568 Sep 25 j 14:09	3°♍15'48	
desc. node	-2568 Oct 09 j 18:56	25°♍57'34	
superior conj	-2568 Oct 11 j 00:54	27°♍55'46	0°-8'-1
minimum elong	-2568 Oct 10 j 23:51	27°♍51'35	0°07'54
behind sun begin	-2568 Oct 10 j 13:50	27°♍12'08	
behind sun end	-2568 Oct 11 j 09:51	28°♍31'01	
	-2568 Oct 12 j 08:27	0°♎	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2568 Oct 12 j 08:12	29°♍59'02	1.44896 AU
evening rise	-2568 Oct 27 j 09:13	23°♎39'41	
	-2568 Oct 31 j 09:30	0°♏	
greatest brilliancy	-2568 Nov 08 j 00:01	11°♏54'14	-0.7m
evening max el	-2568 Nov 19 j 01:30	26°♏56'31	19°11'55
	-2568 Nov 22 j 19:08	0°♐	
asc. node	-2568 Nov 25 j 07:01	0°♐55'01	
retrograde	-2568 Nov 26 j 02:20	0°♐58'41	
evening set	-2568 Nov 29 j 07:49	29°♏58'07	
	-2568 Nov 29 j 06:36	30°℞♏	
inferior conj	-2568 Dec 05 j 00:52	24°♏05'23	2°55'32
minimum elong	-2568 Dec 04 j 21:50	24°♏14'59	2°54'37
min. Earth dist.	-2568 Dec 06 j 10:02	22°♏20'13	0.65822 AU
morning rise	-2568 Dec 10 j 10:58	17°♏53'29	
direct	-2568 Dec 16 j 19:42	15°♏07'24	
morning max el	-2568 Dec 29 j 12:43	22°♏35'20	26°20'31
	-2567 Jan 05 j 02:34	0°♐	
desc. node	-2567 Jan 05 j 18:18	0°♐48'58	
	-2567 Jan 25 j 12:08	0°♑	
morning set	-2567 Feb 03 j 14:36	16°♑10'04	
max. Earth dist.	-2567 Feb 07 j 18:04	24°♑07'04	1.35162 AU
	-2567 Feb 10 j 16:58	0°♒	
superior conj	-2567 Feb 12 j 11:48	3°♒37'41	-1°-21'-6
minimum elong	-2567 Feb 12 j 15:05	3°♒54'28	1°20'41
evening rise	-2567 Feb 20 j 05:37	19°♒39'51	
asc. node	-2567 Feb 21 j 06:19	21°♒46'16	
	-2567 Feb 25 j 10:21	0°♓	
evening max el	-2567 Mar 11 j 00:09	19°♓54'03	20°39'49
retrograde	-2567 Mar 22 j 02:25	25°♓12'01	
evening set	-2567 Mar 24 j 09:05	24°♓59'31	
inferior conj	-2567 Apr 02 j 11:36	21°♓02'10	0°20'47
minimum elong	-2567 Apr 02 j 12:34	21°♓00'47	0°20'27
min. Earth dist.	-2567 Apr 03 j 17:33	20°♓18'56	0.55237 AU
desc. node	-2567 Apr 03 j 17:17	20°♓19'19	
morning rise	-2567 Apr 11 j 14:21	16°♓48'03	
direct	-2567 Apr 15 j 00:35	16°♓22'30	
morning max el	-2567 Apr 28 j 07:30	22°♓50'35	23°01'58
	-2567 May 04 j 14:41	0°♈	
asc. node	-2567 May 20 j 05:44	27°♈04'59	
morning set	-2567 May 21 j 01:36	28°♈48'17	
	-2567 May 21 j 15:16	0°♉	
superior conj	-2567 May 28 j 06:11	14°♉07'42	1°15'08
minimum elong	-2567 May 28 j 03:36	13°♉53'55	1°14'49
max. Earth dist.	-2567 May 30 j 19:26	19°♉31'27	1.33931 AU
evening rise	-2567 Jun 04 j 23:41	0°♊05'01	
	-2567 Jun 04 j 22:41	0°♊	
	-2567 Jun 22 j 02:24	0°♋	
desc. node	-2567 Jun 30 j 16:25	12°♋01'35	
evening max el	-2567 Jul 09 j 03:52	21°♋35'03	27°18'55
retrograde	-2567 Jul 22 j 15:45	28°♋57'20	
evening set	-2567 Jul 29 j 17:19	26°♋12'30	
min. Earth dist.	-2567 Aug 02 j 10:32	22°♋43'26	0.64440 AU
inferior conj	-2567 Aug 04 j 17:51	20°♋13'12	-3°-22'-40
minimum elong	-2567 Aug 04 j 21:58	20°♋02'01	3°21'31
morning rise	-2567 Aug 11 j 04:18	14°♋44'22	
direct	-2567 Aug 13 j 20:06	14°♋07'40	
asc. node	-2567 Aug 16 j 04:58	14°♋36'50	
morning max el	-2567 Aug 20 j 08:28	17°♋36'06	18°03'46
	-2567 Aug 29 j 08:15	0°♌	
morning set	-2567 Sep 06 j 23:49	14°♌29'09	
	-2567 Sep 16 j 06:37	0°♍	
superior conj	-2567 Sep 20 j 10:34	6°♍46'51	0°39'28
minimum elong	-2567 Sep 20 j 14:54	7°♍04'22	0°38'56
max. Earth dist.	-2567 Sep 25 j 01:45	14°♍11'53	1.44426 AU
desc. node	-2567 Sep 26 j 15:54	16°♍43'02	
	-2567 Oct 05 j 03:48	0°♎	
evening rise	-2567 Oct 06 j 22:31	2°♎45'17	
	-2567 Oct 25 j 01:01	0°♏	
greatest brilliancy	-2567 Oct 26 j 07:35	1°♏46'50	-0.6m
evening max el	-2567 Nov 02 j 06:43	10°♏23'46	20°06'20
retrograde	-2567 Nov 09 j 23:34	14°♏54'43	
asc. node	-2567 Nov 12 j 04:04	14°♏27'04	
evening set	-2567 Nov 13 j 13:34	13°♏39'59	
inferior conj	-2567 Nov 19 j 02:17	7°♏34'43	2°13'24
minimum elong	-2567 Nov 18 j 23:37	7°♏43'37	2°12'25
min. Earth dist.	-2567 Nov 19 j 22:34	6°♏27'01	0.66716 AU
morning rise	-2567 Nov 24 j 09:04	1°♏19'20	
	-2567 Nov 26 j 03:12	30°℞♎	
direct	-2567 Nov 30 j 03:34	28°♎47'56	
	-2567 Dec 04 j 13:27	0°♏	
morning max el	-2567 Dec 11 j 21:21	5°♏46'49	25°05'02
desc. node	-2567 Dec 23 j 15:22	19°♏58'24	
	-2567 Dec 30 j 16:12	0°♐	
morning set	-2566 Jan 17 j 01:11	28°♐23'01	
	-2566 Jan 17 j 22:47	0°♑	
max. Earth dist.	-2566 Jan 20 j 18:57	5°♑11'56	1.36894 AU
superior conj	-2566 Jan 27 j 01:05	17°♑10'33	-1°-40'-33
minimum elong	-2566 Jan 27 j 04:21	17°♑26'41	1°40'19
	-2566 Feb 02 j 10:44	0°♒	
evening rise	-2566 Feb 04 j 08:53	3°♒52'29	
asc. node	-2566 Feb 08 j 03:21	11°♒18'43	
	-2566 Feb 19 j 23:31	0°♓	
evening max el	-2566 Feb 21 j 14:00	1°♓39'20	19°32'15
retrograde	-2566 Mar 02 j 23:25	6°♓07'50	
evening set	-2566 Mar 05 j 05:46	5°♓53'25	
inferior conj	-2566 Mar 13 j 16:46	1°♓48'11	2°05'42
minimum elong	-2566 Mar 13 j 21:17	1°♓40'55	2°04'20
min. Earth dist.	-2566 Mar 16 j 08:12	0°♓06'39	0.56200 AU
	-2566 Mar 16 j 12:28	30°℞♒	
desc. node	-2566 Mar 21 j 14:22	27°♒21'48	
morning rise	-2566 Mar 22 j 09:11	27°♒04'53	
direct	-2566 Mar 26 j 21:41	26°♒18'44	
	-2566 Apr 05 j 20:56	0°♓	
morning max el	-2566 Apr 09 j 22:46	3°♓25'05	24°41'25
	-2566 Apr 28 j 14:48	0°♈	
morning set	-2566 May 05 j 13:45	13°♈49'41	
asc. node	-2566 May 07 j 02:46	17°♈05'45	
superior conj	-2566 May 12 j 15:15	29°♈02'24	0°55'00
minimum elong	-2566 May 12 j 13:05	28°♈50'39	0°54'38
	-2566 May 13 j 01:53	0°♉	
max. Earth dist.	-2566 May 14 j 01:51	2°♉09'31	1.33101 AU
evening rise	-2566 May 19 j 22:52	14°♉30'45	
	-2566 May 28 j 00:39	0°♊	
	-2566 Jun 17 j 06:42	0°♋	
desc. node	-2566 Jun 17 j 13:26	0°♋19'04	
evening max el	-2566 Jun 21 j 13:16	4°♋29'15	27°23'16
retrograde	-2566 Jul 05 j 08:08	11°♋50'31	
evening set	-2566 Jul 12 j 12:04	9°♋19'06	
min. Earth dist.	-2566 Jul 16 j 02:05	6°♋20'14	0.62781 AU
inferior conj	-2566 Jul 18 j 22:42	3°♋33'34	-4°00'-43
minimum elong	-2566 Jul 19 j 02:26	3°♋24'29	4°00'00
	-2566 Jul 22 j 23:19	30°℞♊	
morning rise	-2566 Jul 25 j 19:04	28°♊23'45	
direct	-2566 Jul 28 j 07:46	27°♊54'08	
	-2566 Aug 02 j 12:10	0°♋	
asc. node	-2566 Aug 03 j 02:03	0°♋28'52	
morning max el	-2566 Aug 03 j 23:31	1°♋18'39	17°55'05
morning set	-2566 Aug 20 j 08:32	26°♋48'41	
	-2566 Aug 22 j 03:39	0°♌	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2566 Aug 31 j 21:25	16°♌53'09	1°15'52
minimum elong	-2566 Sep 01 j 02:51	17°♌16'01	1°15'20
max. Earth dist.	-2566 Sep 07 j 16:19	28°♌06'28	1.43296 AU
	-2566 Sep 08 j 20:26	0°♍	
desc. node	-2566 Sep 13 j 12:52	7°♍27'22	
evening rise	-2566 Sep 16 j 03:35	11°♍32'30	
	-2566 Sep 28 j 07:55	0°♎	
greatest brilliancy	-2566 Oct 10 j 23:34	17°♎42'18	-0.4m
evening max el	-2566 Oct 16 j 06:06	23°♎50'34	21°13'46
retrograde	-2566 Oct 24 j 20:31	28°♎56'35	
evening set	-2566 Oct 28 j 21:16	27°♎25'12	
asc. node	-2566 Oct 30 j 01:10	26°♎24'40	
inferior conj	-2566 Nov 03 j 07:16	21°♎10'44	1°25'34
minimum elong	-2566 Nov 03 j 05:24	21°♎17'09	1°24'48
min. Earth dist.	-2566 Nov 03 j 16:05	20°♎40'28	0.67266 AU
morning rise	-2566 Nov 08 j 13:11	14°♎54'17	
direct	-2566 Nov 13 j 16:13	12°♎43'21	
morning max el	-2566 Nov 24 j 06:10	19°♎01'50	23°39'30
	-2566 Dec 03 j 12:11	0°♏	
desc. node	-2566 Dec 10 j 12:23	9°♏40'24	
	-2566 Dec 23 j 20:08	0°♐	
morning set	-2566 Dec 29 j 11:55	9°♐21'33	
max. Earth dist.	-2565 Jan 02 j 14:43	16°♐28'15	1.38925 AU
superior conj	-2565 Jan 10 j 01:04	29°♐59'31	-1°-53'-43
minimum elong	-2565 Jan 10 j 03:09	0°♑09'15	1°53'44
	-2565 Jan 10 j 01:10	0°♑	
evening rise	-2565 Jan 19 j 04:45	17°♑37'18	
	-2565 Jan 25 j 18:20	0°♒	
asc. node	-2565 Jan 26 j 00:24	0°♒26'53	
evening max el	-2565 Feb 04 j 13:31	13°♒58'34	18°44'05
retrograde	-2565 Feb 12 j 13:48	17°♒51'25	
evening set	-2565 Feb 14 j 23:24	17°♒31'51	
inferior conj	-2565 Feb 22 j 16:50	13°♒08'26	3°16'39
minimum elong	-2565 Feb 22 j 21:01	13°♒00'35	3°15'47
min. Earth dist.	-2565 Feb 26 j 00:37	10°♒40'28	0.57849 AU
morning rise	-2565 Mar 02 j 14:50	7°♒55'26	
direct	-2565 Mar 08 j 07:33	6°♒35'45	
desc. node	-2565 Mar 08 j 11:29	6°♒35'49	
morning max el	-2565 Mar 22 j 14:34	14°♒04'28	26°10'11
	-2565 Apr 04 j 06:10	0°♓	
morning set	-2565 Apr 20 j 01:18	28°♓48'56	
	-2565 Apr 20 j 14:49	0°♈	
asc. node	-2565 Apr 23 j 23:48	7°♈14'27	
superior conj	-2565 Apr 27 j 02:30	14°♈02'28	0°32'13
minimum elong	-2565 Apr 27 j 01:07	13°♈54'55	0°31'56
max. Earth dist.	-2565 Apr 27 j 13:37	15°♈03'15	1.32624 AU
evening rise	-2565 May 04 j 04:23	29°♈14'35	
	-2565 May 04 j 13:09	0°♉	
	-2565 May 21 j 06:45	0°♊	
evening max el	-2565 Jun 03 j 17:56	16°♊45'36	26°54'52
desc. node	-2565 Jun 04 j 10:29	17°♊24'24	
retrograde	-2565 Jun 17 j 17:19	24°♊04'32	
evening set	-2565 Jun 24 j 13:32	22°♊00'08	
min. Earth dist.	-2565 Jun 28 j 07:27	19°♊18'48	0.60831 AU
inferior conj	-2565 Jul 01 j 14:09	16°♊31'11	-4°-24'-31
minimum elong	-2565 Jul 01 j 16:02	16°♊27'09	4°24'19
morning rise	-2565 Jul 08 j 21:34	11°♊43'11	
direct	-2565 Jul 11 j 09:06	11°♊18'44	
morning max el	-2565 Jul 18 j 12:20	14°♊49'01	18°05'26
asc. node	-2565 Jul 20 j 23:08	17°♊31'30	
	-2565 Jul 28 j 23:44	0°♋	
morning set	-2565 Aug 03 j 10:38	9°♋58'44	
superior conj	-2565 Aug 13 j 11:35	28°♋21'01	1°38'09
minimum elong	-2565 Aug 13 j 15:07	28°♋36'45	1°37'58
	-2565 Aug 14 j 09:57	0°♌	
max. Earth dist.	-2565 Aug 21 j 01:38	11°♌26'19	1.41647 AU
evening rise	-2565 Aug 26 j 19:38	20°♌52'00	
desc. node	-2565 Aug 31 j 09:51	28°♌07'32	
	-2565 Sep 01 j 14:53	0°♍	
	-2565 Sep 22 j 15:37	0°♎	
greatest brilliancy	-2565 Sep 24 j 05:09	1°♎56'13	-0.3m
evening max el	-2565 Sep 28 j 23:33	7°♎17'22	22°30'22
retrograde	-2565 Oct 08 j 15:38	13°♎02'08	
evening set	-2565 Oct 13 j 05:06	11°♎12'12	
asc. node	-2565 Oct 16 j 22:15	7°♎07'04	
inferior conj	-2565 Oct 18 j 13:55	4°♎52'03	0°34'00
minimum elong	-2565 Oct 18 j 13:07	4°♎54'46	0°33'41
min. Earth dist.	-2565 Oct 18 j 12:12	4°♎57'58	0.67497 AU
	-2565 Oct 22 j 09:51	30°℞♍	
morning rise	-2565 Oct 23 j 21:03	28°♍37'06	
direct	-2565 Oct 28 j 09:02	26°♍48'23	
	-2565 Nov 04 j 05:00	0°♎	
morning max el	-2565 Nov 06 j 18:14	2°♎22'16	22°13'18
greatest brilliancy	-2565 Nov 11 j 11:15	7°♎41'11	-0.4m
desc. node	-2565 Nov 27 j 09:24	29°♎45'49	
	-2565 Nov 27 j 13:13	0°♏	
morning set	-2565 Dec 09 j 18:02	18°♏56'18	
max. Earth dist.	-2565 Dec 15 j 12:52	28°♏27'41	1.40999 AU
	-2565 Dec 16 j 10:46	0°♐	
superior conj	-2565 Dec 23 j 06:47	11°♐51'57	-1°-57'-14
minimum elong	-2565 Dec 23 j 06:00	11°♐48'29	1°57'19
	-2564 Jan 02 j 04:02	0°♑	
evening rise	-2564 Jan 02 j 14:07	0°♑47'08	
asc. node	-2564 Jan 12 j 21:27	19°♑03'00	
evening max el	-2564 Jan 18 j 20:17	26°♑45'14	18°16'04
	-2564 Jan 23 j 21:08	0°♒	
retrograde	-2564 Jan 25 j 22:41	0°♒18'08	
evening set	-2564 Jan 28 j 11:36	29°♑51'52	
	-2564 Jan 28 j 01:08	30°℞♑	
inferior conj	-2564 Feb 04 j 13:33	25°♑07'02	3°51'40
minimum elong	-2564 Feb 04 j 15:19	25°♑03'11	3°51'28
min. Earth dist.	-2564 Feb 07 j 21:50	22°♑13'32	0.59845 AU
morning rise	-2564 Feb 11 j 15:51	19°♑31'25	
direct	-2564 Feb 18 j 05:46	17°♑33'06	
desc. node	-2564 Feb 23 j 08:35	18°♑40'03	
morning max el	-2564 Mar 03 j 11:41	25°♑14'06	27°13'40
	-2564 Mar 07 j 21:43	0°♒	
	-2564 Mar 27 j 12:15	0°♓	
morning set	-2564 Apr 03 j 10:29	13°♓39'54	
asc. node	-2564 Apr 09 j 20:51	27°♓26'53	
max. Earth dist.	-2564 Apr 10 j 02:53	27°♓59'57	1.32491 AU
superior conj	-2564 Apr 10 j 14:14	29°♓02'02	0°07'38
minimum elong	-2564 Apr 10 j 13:53	29°♓00'09	0°07'33
behind sun begin	-2564 Apr 10 j 09:27	28°♓35'54	
behind sun end	-2564 Apr 10 j 18:19	29°♓24'25	
	-2564 Apr 11 j 00:48	0°♈	
evening rise	-2564 Apr 17 j 13:51	14°♈08'25	
	-2564 Apr 25 j 14:54	0°♉	
evening max el	-2564 May 15 j 16:01	28°♉17'52	25°55'02
	-2564 May 17 j 13:07	0°♊	
desc. node	-2564 May 21 j 07:34	2°♊48'02	
retrograde	-2564 May 29 j 17:54	5°♊32'52	
evening set	-2564 Jun 04 j 17:46	4°♊05'45	
min. Earth dist.	-2564 Jun 09 j 04:30	1°♊24'15	0.58776 AU
	-2564 Jun 11 j 02:32	30°℞♉	
inferior conj	-2564 Jun 12 j 12:32	28°♉56'23	-4°-25'-22
minimum elong	-2564 Jun 12 j 10:58	28°♉59'19	4°25'15
morning rise	-2564 Jun 20 j 08:00	24°♉31'01	
direct	-2564 Jun 22 j 19:36	24°♉10'35	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning max el	-2564 Jun 30 j 19:58	27°♉58'33	18°35'37	
	-2564 Jul 02 j 18:17	0°♊		
asc. node	-2564 Jul 06 j 20:12	5°♊29'31		
morning set	-2564 Jul 17 j 01:17	23°♊46'20		
	-2564 Jul 20 j 06:28	0°♋		
superior conj	-2564 Jul 26 j 00:08	10°♋56'17	1°47'45	
minimum elong	-2564 Jul 26 j 01:10	11°♋01'05	1°47'47	
max. Earth dist.	-2564 Aug 02 j 05:12	24°♋00'13	1.39712 AU	
	-2564 Aug 05 j 16:42	0°♌		
evening rise	-2564 Aug 06 j 11:19	1°♌18'38		
desc. node	-2564 Aug 17 j 06:51	18°♌39'09		
	-2564 Aug 24 j 23:22	0°♍		
evening max el	-2564 Sep 10 j 12:29	20°♍45'32	23°50'56	
retrograde	-2564 Sep 21 j 07:37	27°♍07'34		
evening set	-2564 Sep 26 j 11:20	24°♍58'31		
inferior conj	-2564 Oct 01 j 20:27	18°♍36'27	0°-19'-40	
minimum elong	-2564 Oct 01 j 20:55	18°♍34'51	0°19'28	
min. Earth dist.	-2564 Oct 01 j 08:30	19°♍17'07	0.67422 AU	
asc. node	-2564 Oct 02 j 19:20	17°♍19'07		
morning rise	-2564 Oct 07 j 06:40	12°♍25'49		
direct	-2564 Oct 11 j 05:04	10°♍58'16		
morning max el	-2564 Oct 19 j 12:22	15°♍50'10	20°53'51	
greatest brilliancy	-2564 Oct 25 j 07:20	22°♍38'41	-0.5m	
	-2564 Oct 30 j 16:46	0°♎		
desc. node	-2564 Nov 13 j 06:24	20°♎07'29		
morning set	-2564 Nov 17 j 22:53	27°♎22'04		
	-2564 Nov 19 j 15:15	0°♏		
max. Earth dist.	-2564 Nov 26 j 17:28	11°♏19'21	1.42827 AU	
superior conj	-2564 Dec 03 j 12:32	22°♏34'08	-1°-47'-1	
minimum elong	-2564 Dec 03 j 07:40	22°♏13'34	1°46'47	
	-2564 Dec 07 j 20:53	0°♐		
evening rise	-2564 Dec 15 j 09:04	13°♐13'14		
	-2564 Dec 25 j 00:50	0°♑		
asc. node	-2564 Dec 29 j 18:30	6°♑56'48		
evening max el	-2563 Jan 01 j 07:24	9°♑51'00	18°07'55	
retrograde	-2563 Jan 07 j 22:28	13°♑17'53		
evening set	-2563 Jan 10 j 14:42	12°♑43'50		
inferior conj	-2563 Jan 17 j 04:09	7°♑37'33	3°58'10	
minimum elong	-2563 Jan 17 j 03:29	7°♑39'14	3°58'04	
min. Earth dist.	-2563 Jan 20 j 02:45	4°♑42'39	0.61863 AU	
morning rise	-2563 Jan 23 j 13:57	1°♑46'55		
	-2563 Jan 26 j 19:29	30°℞♐		
direct	-2563 Jan 30 j 14:03	29°♐16'40		
	-2563 Feb 03 j 12:42	0°♑		
desc. node	-2563 Feb 09 j 05:40	3°♑13'43		
morning max el	-2563 Feb 13 j 14:52	7°♑03'34	27°42'49	
	-2563 Mar 03 j 02:20	0°♒		
morning set	-2563 Mar 18 j 15:19	28°♒15'25		
	-2563 Mar 19 j 11:43	0°♓		
max. Earth dist.	-2563 Mar 24 j 13:50	10°♓46'00	1.32709 AU	
superior conj	-2563 Mar 26 j 00:46	13°♓55'22	0°-17'-56	
minimum elong	-2563 Mar 26 j 01:36	13°♓59'50	0°17'47	
asc. node	-2563 Mar 27 j 17:53	17°♓39'05		
evening rise	-2563 Apr 02 j 01:17	29°♓05'21		
	-2563 Apr 02 j 11:41	0°♈		
	-2563 Apr 19 j 11:42	0°♉		
evening max el	-2563 Apr 27 j 08:46	9°♉13'59	24°31'36	
desc. node	-2563 May 08 j 04:38	15°♉54'13		
retrograde	-2563 May 11 j 07:38	16°♉16'43		
evening set	-2563 May 16 j 00:23	15°♉26'56		
min. Earth dist.	-2563 May 21 j 20:39	12°♉29'08	0.56915 AU	
inferior conj	-2563 May 24 j 15:13	10°♉42'00	-3°-52'-17	
minimum elong	-2563 May 24 j 09:53	10°♉50'39	3°51'19	
morning rise	-2563 Jun 01 j 23:25	6°♉35'50		
direct	-2563 Jun 04 j 11:46	6°♉18'21		
morning max el	-2563 Jun 13 j 19:34	10°♉38'21	19°26'15	
asc. node	-2563 Jun 23 j 17:14	24°♉10'32		
	-2563 Jun 26 j 21:58	0°♊		
morning set	-2563 Jul 01 j 00:54	8°♊02'54		
superior conj	-2563 Jul 09 j 05:25	24°♊23'20	1°47'14	
minimum elong	-2563 Jul 09 j 04:27	24°♊18'35	1°47'17	
	-2563 Jul 12 j 03:01	0°♋		
max. Earth dist.	-2563 Jul 15 j 07:20	5°♋58'31	1.37761 AU	
evening rise	-2563 Jul 19 j 04:31	13°♋00'14		
	-2563 Jul 29 j 07:49	0°♌		
desc. node	-2563 Aug 04 j 03:52	8°♌57'37		
	-2563 Aug 19 j 22:59	0°♍		
evening max el	-2563 Aug 23 j 23:39	4°♍17'43	25°08'27	
retrograde	-2563 Sep 04 j 19:28	11°♍09'16		
evening set	-2563 Sep 10 j 14:11	8°♍42'30		
min. Earth dist.	-2563 Sep 15 j 02:33	3°♍36'38	0.67039 AU	
inferior conj	-2563 Sep 16 j 01:10	2°♍22'23	-1°-13'-52	
minimum elong	-2563 Sep 16 j 02:57	2°♍16'32	1°13'07	
	-2563 Sep 17 j 21:41	30°℞♌		
asc. node	-2563 Sep 19 j 16:23	28°♌00'04		
morning rise	-2563 Sep 21 j 16:11	26°♌19'11		
direct	-2563 Sep 25 j 03:04	25°♌10'06		
morning max el	-2563 Oct 02 j 13:50	29°♌27'09	19°46'14	
	-2563 Oct 03 j 02:28	0°♍		
greatest brilliancy	-2563 Oct 10 j 14:50	9°♍33'36	-0.6m	
	-2563 Oct 24 j 05:59	0°♎		
morning set	-2563 Oct 27 j 20:56	5°♎35'54		
desc. node	-2563 Oct 31 j 03:23	10°♎40'39		
max. Earth dist.	-2563 Nov 09 j 05:19	24°♎57'28	1.44165 AU	
	-2563 Nov 12 j 09:03	0°♏		
superior conj	-2563 Nov 13 j 15:02	2°♏00'38	-1°-19'-44	
minimum elong	-2563 Nov 13 j 07:32	1°♏30'27	1°19'01	
evening rise	-2563 Nov 27 j 09:12	24°♏47'26		
	-2563 Nov 30 j 10:54	0°♐		
evening max el	-2563 Dec 15 j 20:02	23°♐08'56	18°18'47	
asc. node	-2563 Dec 16 j 15:33	23°♐56'06		
retrograde	-2563 Dec 22 j 08:46	26°♐41'36		
evening set	-2563 Dec 25 j 05:04	25°♐58'30		
inferior conj	-2563 Dec 31 j 08:47	20°♐32'07	3°44'18	
minimum elong	-2563 Dec 31 j 06:30	20°♐38'29	3°43'55	
min. Earth dist.	-2562 Jan 02 j 17:01	17°♐55'52	0.63673 AU	
morning rise	-2562 Jan 06 j 06:22	14°♐31'12		
direct	-2562 Jan 13 j 06:12	11°♐43'24		
morning max el	-2562 Jan 26 j 22:26	19°♐29'41	27°35'31	
desc. node	-2562 Jan 27 j 02:43	19°♐40'20		
	-2562 Feb 04 j 22:40	0°♑		
	-2562 Feb 24 j 00:28	0°♒		
morning set	-2562 Mar 02 j 13:15	12°♒26'10		
max. Earth dist.	-2562 Mar 07 j 18:31	23°♒07'32	1.33322 AU	
superior conj	-2562 Mar 10 j 08:20	28°♒35'27	0°-43'-32	
minimum elong	-2562 Mar 10 j 10:19	28°♒46'01	0°43'11	
	-2562 Mar 11 j 00:08	0°♓		
asc. node	-2562 Mar 14 j 14:54	7°♓46'13		
evening rise	-2562 Mar 17 j 12:50	13°♓58'03		
	-2562 Mar 25 j 16:49	0°♈		
evening max el	-2562 Apr 09 j 00:44	19°♈54'14	22°57'24	
retrograde	-2562 Apr 22 j 08:10	26°♈28'06		
desc. node	-2562 Apr 25 j 01:43	26°♈11'41		
evening set	-2562 Apr 25 j 16:55	26°♈03'22		
min. Earth dist.	-2562 May 03 j 10:34	22°♈37'42	0.55597 AU	
inferior conj	-2562 May 04 j 22:44	21°♈45'21	-2°-37'-14	
minimum elong	-2562 May 04 j 16:34	21°♈54'18	2°35'25	
morning rise	-2562 May 13 j 19:00	17°♈49'15		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

direct	-2562 May 16 j 10:04	17°♈32'49	
morning max el	-2562 May 27 j 08:44	22°♈38'27	20°37'11
	-2562 Jun 02 j 14:43	0°♉	
asc. node	-2562 Jun 10 j 14:16	13°♉23'23	
morning set	-2562 Jun 15 j 06:38	22°♉40'04	
	-2562 Jun 18 j 19:59	0°♊	
superior conj	-2562 Jun 22 j 22:35	8°♊27'26	1°39'04
minimum elong	-2562 Jun 22 j 20:26	8°♊16'26	1°38'58
max. Earth dist.	-2562 Jun 27 j 14:29	17°♊46'11	1.36009 AU
evening rise	-2562 Jul 01 j 19:00	25°♊45'14	
	-2562 Jul 04 j 02:35	0°♋	
desc. node	-2562 Jul 22 j 00:53	28°♋55'57	
	-2562 Jul 22 j 18:58	0°♌	
evening max el	-2562 Aug 06 j 10:55	17°♌51'07	26°15'04
retrograde	-2562 Aug 19 j 02:25	25°♌01'33	
evening set	-2562 Aug 25 j 11:37	22°♌21'09	
min. Earth dist.	-2562 Aug 29 j 15:50	17°♌53'12	0.66320 AU
inferior conj	-2562 Aug 31 j 02:12	16°♌06'42	-2°-6'-54
minimum elong	-2562 Aug 31 j 05:12	15°♌57'25	2°05'46
morning rise	-2562 Sep 05 j 23:36	10°♌14'19	
asc. node	-2562 Sep 06 j 13:26	9°♌56'00	
direct	-2562 Sep 09 j 01:16	9°♌20'22	
morning max el	-2562 Sep 15 j 22:00	13°♌11'27	18°53'28
	-2562 Sep 28 j 03:25	0°♍	
morning set	-2562 Oct 07 j 11:39	14°♍44'03	
	-2562 Oct 17 j 03:43	0°♎	
desc. node	-2562 Oct 18 j 00:23	1°♎21'21	
max. Earth dist.	-2562 Oct 22 j 22:26	9°♎06'00	1.44840 AU
superior conj	-2562 Oct 23 j 19:33	10°♎29'14	0°-36'-38
minimum elong	-2562 Oct 23 j 14:50	10°♎10'37	0°36'04
	-2562 Nov 05 j 02:15	0°♏	
evening rise	-2562 Nov 08 j 10:22	5°♏22'30	
	-2562 Nov 24 j 01:35	0°♐	
evening max el	-2562 Nov 29 j 07:33	6°♐33'33	18°47'41
asc. node	-2562 Dec 03 j 12:35	9°♐46'30	
retrograde	-2562 Dec 06 j 01:50	10°♐22'13	
evening set	-2562 Dec 09 j 03:30	9°♐28'28	
inferior conj	-2562 Dec 14 j 23:50	3°♐44'21	3°16'20
minimum elong	-2562 Dec 14 j 20:52	3°♐53'25	3°15'34
min. Earth dist.	-2562 Dec 16 j 17:01	1°♐39'03	0.65144 AU
	-2562 Dec 18 j 03:13	30°℞♏	
morning rise	-2562 Dec 20 j 13:10	27°♏35'58	
direct	-2562 Dec 27 j 04:53	24°♏45'50	
	-2561 Jan 06 j 18:56	0°♐	
morning max el	-2561 Jan 09 j 07:59	2°♐23'07	26°55'36
desc. node	-2561 Jan 13 j 23:45	7°♐28'00	
	-2561 Jan 30 j 03:45	0°♑	
morning set	-2561 Feb 14 j 01:06	26°♑02'07	
	-2561 Feb 16 j 02:05	0°♒	
max. Earth dist.	-2561 Feb 18 j 13:30	4°♒56'02	1.34367 AU
superior conj	-2561 Feb 22 j 10:55	12°♒55'49	-1°-8'-3
minimum elong	-2561 Feb 22 j 13:51	13°♒11'06	1°07'37
asc. node	-2561 Mar 01 j 11:55	27°♒44'04	
evening rise	-2561 Mar 01 j 22:46	28°♒40'32	
	-2561 Mar 02 j 14:08	0°♓	
	-2561 Mar 21 j 03:31	0°♈	
evening max el	-2561 Mar 21 j 22:11	0°♈46'00	21°26'23
retrograde	-2561 Apr 02 j 22:46	6°♈34'17	
evening set	-2561 Apr 05 j 10:51	6°♈20'01	
desc. node	-2561 Apr 11 j 22:46	3°♈52'33	
inferior conj	-2561 Apr 14 j 18:31	2°♈19'38	0°-47'-29
minimum elong	-2561 Apr 14 j 16:17	2°♈22'47	0°46'43
min. Earth dist.	-2561 Apr 15 j 00:02	2°♈11'54	0.55104 AU
	-2561 Apr 19 j 03:17	30°℞♓	
morning rise	-2561 Apr 23 j 21:54	28°♓17'52	
direct	-2561 Apr 26 j 22:00	27°♓58'08	
	-2561 May 04 j 04:49	0°♈	
morning max el	-2561 May 09 j 11:01	3°♈56'23	22°05'43
	-2561 May 26 j 23:09	0°♉	
asc. node	-2561 May 28 j 11:19	3°♉00'04	
morning set	-2561 May 30 j 16:19	7°♉31'34	
superior conj	-2561 Jun 07 j 00:02	22°♉58'07	1°25'10
minimum elong	-2561 Jun 06 j 21:25	22°♉44'25	1°24'54
	-2561 Jun 10 j 09:19	0°♊	
max. Earth dist.	-2561 Jun 10 j 06:46	29°♉46'56	1.34586 AU
evening rise	-2561 Jun 15 j 01:33	9°♊19'26	
	-2561 Jun 26 j 14:23	0°♋	
desc. node	-2561 Jul 08 j 21:54	18°♋25'33	
	-2561 Jul 18 j 15:03	0°♌	
evening max el	-2561 Jul 19 j 22:29	1°♌17'58	27°02'45
retrograde	-2561 Aug 02 j 04:05	8°♌37'49	
evening set	-2561 Aug 09 j 01:14	5°♌51'18	
min. Earth dist.	-2561 Aug 12 j 21:57	2°♌01'47	0.65237 AU
inferior conj	-2561 Aug 14 j 21:26	29°♋45'47	-2°-56'-40
minimum elong	-2561 Aug 15 j 01:19	29°♋34'39	2°55'24
	-2561 Aug 14 j 16:30	30°℞♋	
morning rise	-2561 Aug 21 j 02:45	24°♋07'38	
direct	-2561 Aug 23 j 21:32	23°♋25'30	
asc. node	-2561 Aug 24 j 10:31	23°♋27'06	
morning max el	-2561 Aug 30 j 10:56	26°♋59'29	18°17'00
	-2561 Sep 02 j 02:03	0°♌	
morning set	-2561 Sep 18 j 05:44	25°♌12'34	
	-2561 Sep 21 j 03:39	0°♍	
superior conj	-2561 Oct 02 j 20:45	18°♍53'16	0°13'01
minimum elong	-2561 Oct 02 j 22:23	18°♍59'48	0°12'49
behind sun begin	-2561 Oct 02 j 15:30	18°♍32'28	
behind sun end	-2561 Oct 03 j 05:17	19°♍27'08	
desc. node	-2561 Oct 04 j 21:22	22°♍05'49	
max. Earth dist.	-2561 Oct 05 j 17:07	23°♍23'48	1.44780 AU
	-2561 Oct 09 j 21:51	0°♎	
evening rise	-2561 Oct 19 j 11:15	14°♎56'35	
	-2561 Oct 29 j 04:00	0°♏	
greatest brilliancy	-2561 Nov 04 j 01:19	8°♏52'01	-0.7m
evening max el	-2561 Nov 12 j 15:32	19°♏59'56	19°33'17
retrograde	-2561 Nov 19 j 22:21	24°♏13'32	
asc. node	-2561 Nov 20 j 09:38	24°♏12'16	
evening set	-2561 Nov 23 j 07:15	23°♏07'04	
inferior conj	-2561 Nov 28 j 22:12	17°♏08'21	2°38'28
minimum elong	-2561 Nov 28 j 19:16	17°♏17'53	2°37'31
min. Earth dist.	-2561 Nov 30 j 01:36	15°♏39'19	0.66240 AU
morning rise	-2561 Dec 04 j 06:34	10°♏54'44	
direct	-2561 Dec 10 j 09:23	8°♏14'16	
morning max el	-2561 Dec 22 j 17:23	15°♏31'14	25°50'25
desc. node	-2561 Dec 31 j 20:48	26°♏12'16	
	-2560 Jan 03 j 16:57	0°♐	
	-2560 Jan 22 j 23:58	0°♑	
morning set	-2560 Jan 27 j 22:30	8°♑49'39	
max. Earth dist.	-2560 Jan 31 j 20:50	16°♑12'32	1.35856 AU
superior conj	-2560 Feb 06 j 05:56	26°♑48'05	-1°-29'-56
minimum elong	-2560 Feb 06 j 09:19	27°♑05'11	1°29'35
	-2560 Feb 07 j 19:49	0°♒	
evening rise	-2560 Feb 14 j 05:06	13°♒05'41	
asc. node	-2560 Feb 16 j 08:57	17°♒27'13	
	-2560 Feb 23 j 03:04	0°♓	
evening max el	-2560 Mar 03 j 05:34	12°♓08'57	20°08'40
retrograde	-2560 Mar 13 j 14:13	17°♓05'15	
evening set	-2560 Mar 15 j 19:47	16°♓52'30	
inferior conj	-2560 Mar 24 j 16:20	12°♓53'03	1°08'36

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2560 Mar 24 j 19:15	12°♓48'39	1°07'36
min. Earth dist.	-2560 Mar 26 j 14:06	11°♓44'27	0.55547 AU
desc. node	-2560 Mar 28 j 19:50	10°♓28'25	
morning rise	-2560 Apr 02 j 16:05	8°♓27'27	
direct	-2560 Apr 06 j 12:17	7°♓55'09	
morning max el	-2560 Apr 20 j 05:02	14°♓41'13	23°44'39
	-2560 May 02 j 03:33	0°♈	
morning set	-2560 May 14 j 04:05	22°♈31'15	
asc. node	-2560 May 14 j 08:23	22°♈53'47	
	-2560 May 17 j 16:24	0°♉	
superior conj	-2560 May 21 j 06:59	7°♉46'32	1°06'59
minimum elong	-2560 May 21 j 04:31	7°♉33'19	1°06'37
max. Earth dist.	-2560 May 23 j 08:33	12°♉11'22	1.33532 AU
evening rise	-2560 May 28 j 19:42	23°♉29'42	
	-2560 Jun 01 j 03:23	0°♊	
	-2560 Jun 19 j 06:15	0°♋	
desc. node	-2560 Jun 24 j 18:55	7°♋14'24	
evening max el	-2560 Jul 01 j 09:07	14°♋27'23	27°24'32
retrograde	-2560 Jul 15 j 00:16	21°♋50'02	
evening set	-2560 Jul 22 j 04:00	19°♋08'49	
min. Earth dist.	-2560 Jul 25 j 19:07	15°♋54'07	0.63775 AU
inferior conj	-2560 Jul 28 j 08:25	13°♋15'07	-3°-40'-11
minimum elong	-2560 Jul 28 j 12:31	13°♋04'27	3°39'10
morning rise	-2560 Aug 03 j 22:58	7°♋54'21	
direct	-2560 Aug 06 j 13:11	7°♋21'01	
asc. node	-2560 Aug 10 j 07:37	8°♋31'40	
morning max el	-2560 Aug 13 j 02:06	10°♋46'35	17°57'54
	-2560 Aug 26 j 01:33	0°♌	
morning set	-2560 Aug 30 j 01:56	6°♌56'07	
superior conj	-2560 Sep 11 j 16:13	28°♌14'10	0°56'36
minimum elong	-2560 Sep 11 j 21:32	28°♌36'01	0°55'59
	-2560 Sep 12 j 18:04	0°♍	
max. Earth dist.	-2560 Sep 17 j 09:43	7°♍31'04	1.44012 AU
desc. node	-2560 Sep 20 j 18:21	12°♍51'19	
evening rise	-2560 Sep 27 j 18:50	23°♍48'29	
	-2560 Oct 01 j 19:37	0°♎	
greatest brilliancy	-2560 Oct 19 j 15:13	26°♎04'17	-0.5m
	-2560 Oct 22 j 17:03	0°♏	
evening max el	-2560 Oct 25 j 18:16	3°♏26'30	20°33'36
retrograde	-2560 Nov 02 j 19:51	8°♏12'16	
asc. node	-2560 Nov 06 j 06:43	7°♏03'38	
evening set	-2560 Nov 06 j 14:05	6°♏50'47	
inferior conj	-2560 Nov 12 j 01:25	0°♏40'56	1°53'41
minimum elong	-2560 Nov 11 j 23:03	0°♏48'58	1°52'46
min. Earth dist.	-2560 Nov 12 j 16:39	29°♎49'18	0.66983 AU
	-2560 Nov 12 j 13:30	30°℞♎	
morning rise	-2560 Nov 17 j 07:32	24°♎24'33	
direct	-2560 Nov 22 j 19:23	22°♎01'31	
morning max el	-2560 Dec 04 j 02:01	28°♎45'02	24°29'20
	-2560 Dec 05 j 06:58	0°♏	
desc. node	-2560 Dec 17 j 17:51	15°♏36'42	
	-2560 Dec 27 j 12:04	0°♐	
morning set	-2559 Jan 08 j 23:46	20°♐33'03	
max. Earth dist.	-2559 Jan 12 j 18:30	27°♐17'01	1.37730 AU
	-2559 Jan 14 j 06:11	0°♑	
superior conj	-2559 Jan 19 j 14:04	10°♑03'17	-1°-47'-5
minimum elong	-2559 Jan 19 j 17:01	10°♑17'31	1°46'57
evening rise	-2559 Jan 28 j 05:33	27°♑07'10	
	-2559 Jan 29 j 16:34	0°♒	
asc. node	-2559 Feb 02 j 05:59	6°♒50'11	
evening max el	-2559 Feb 13 j 23:46	24°♒09'19	19°09'18
retrograde	-2559 Feb 22 j 18:06	28°♒20'54	
evening set	-2559 Feb 25 j 01:28	28°♒04'44	
inferior conj	-2559 Mar 05 j 04:57	23°♒52'43	2°40'23
minimum elong	-2559 Mar 05 j 09:45	23°♒44'30	2°39'07
min. Earth dist.	-2559 Mar 08 j 05:35	21°♒49'06	0.56833 AU
morning rise	-2559 Mar 13 j 14:04	18°♒55'43	
desc. node	-2559 Mar 15 j 16:57	18°♒16'36	
direct	-2559 Mar 18 j 14:47	17°♒56'33	
morning max el	-2559 Apr 01 j 19:57	25°♒15'01	25°21'23
	-2559 Apr 06 j 05:52	0°♓	
	-2559 Apr 24 j 23:43	0°♈	
morning set	-2559 Apr 28 j 16:11	7°♈32'37	
asc. node	-2559 May 01 j 05:24	12°♈58'36	
superior conj	-2559 May 05 j 17:13	22°♈44'42	0°45'37
minimum elong	-2559 May 05 j 15:21	22°♈34'31	0°45'16
max. Earth dist.	-2559 May 06 j 17:28	24°♈56'41	1.32851 AU
	-2559 May 09 j 01:41	0°♉	
evening rise	-2559 May 12 j 21:54	8°♉04'23	
	-2559 May 24 j 14:10	0°♊	
desc. node	-2559 Jun 11 j 16:00	25°♊04'41	
evening max el	-2559 Jun 13 j 16:40	27°♊06'36	27°15'15
	-2559 Jun 17 j 00:25	0°♋	
retrograde	-2559 Jun 27 j 14:05	4°♋27'54	
evening set	-2559 Jul 04 j 16:01	2°♋06'15	
	-2559 Jul 07 j 10:28	30°℞♊	
min. Earth dist.	-2559 Jul 08 j 06:24	29°♊16'43	0.61972 AU
inferior conj	-2559 Jul 11 j 08:02	26°♊27'07	-4°-13'-2
minimum elong	-2559 Jul 11 j 11:10	26°♊19'50	4°12'33
morning rise	-2559 Jul 18 j 09:00	21°♊26'28	
direct	-2559 Jul 20 j 20:50	20°♊59'25	
morning max el	-2559 Jul 27 j 16:37	24°♊25'25	17°57'06
asc. node	-2559 Jul 28 j 04:42	24°♊55'51	
	-2559 Aug 01 j 05:48	0°♋	
morning set	-2559 Aug 12 j 18:43	19°♋38'50	
	-2559 Aug 18 j 12:41	0°♌	
superior conj	-2559 Aug 23 j 15:03	8°♌56'16	1°27'01
minimum elong	-2559 Aug 23 j 19:53	9°♌17'05	1°26'37
max. Earth dist.	-2559 Aug 30 j 21:37	21°♌10'15	1.42642 AU
	-2559 Sep 05 j 08:57	0°♍	
evening rise	-2559 Sep 07 j 02:17	2°♍43'10	
desc. node	-2559 Sep 07 j 15:21	3°♍34'25	
	-2559 Sep 25 j 07:33	0°♎	
greatest brilliancy	-2559 Oct 03 j 17:59	11°♎18'55	-0.4m
evening max el	-2559 Oct 08 j 15:00	16°♎52'54	21°45'34
retrograde	-2559 Oct 17 j 16:13	22°♎15'36	
evening set	-2559 Oct 21 j 22:02	20°♎36'44	
asc. node	-2559 Oct 24 j 03:48	18°♎25'16	
inferior conj	-2559 Oct 27 j 07:21	14°♎19'26	1°04'05
minimum elong	-2559 Oct 27 j 05:55	14°♎24'25	1°03'28
min. Earth dist.	-2559 Oct 27 j 11:41	14°♎04'27	0.67398 AU
morning rise	-2559 Nov 01 j 13:31	8°♎03'02	
direct	-2559 Nov 06 j 10:03	6°♎01'20	
morning max el	-2559 Nov 16 j 11:41	12°♎01'26	23°02'22
greatest brilliancy	-2559 Nov 21 j 09:32	17°♎32'15	-0.3m
	-2559 Nov 30 j 19:09	0°♏	
desc. node	-2559 Dec 04 j 14:52	5°♏29'35	
	-2559 Dec 20 j 09:01	0°♐	
morning set	-2559 Dec 20 j 22:40	0°♐56'27	
max. Earth dist.	-2559 Dec 25 j 13:47	8°♐46'06	1.39810 AU
superior conj	-2558 Jan 02 j 06:59	22°♐30'08	-1°-56'-38
minimum elong	-2558 Jan 02 j 08:03	22°♐35'04	1°56'43
	-2558 Jan 06 j 07:34	0°♑	
evening rise	-2558 Jan 11 j 21:22	10°♑37'57	
asc. node	-2558 Jan 20 j 03:02	25°♑46'03	
	-2558 Jan 22 j 18:29	0°♒	
evening max el	-2558 Jan 28 j 02:51	6°♒42'15	18°29'51
retrograde	-2558 Feb 04 j 16:21	10°♒24'24	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening set	-2558 Feb 07 j 03:28	10°♒02'07	
inferior conj	-2558 Feb 14 j 14:00	5°♒30'09	3°35'30
minimum elong	-2558 Feb 14 j 17:17	5°♒23'35	3°34'58
min. Earth dist.	-2558 Feb 17 j 23:51	2°♒48'11	0.58673 AU
morning rise	-2558 Feb 22 j 03:27	0°♒06'39	
	-2558 Feb 22 j 08:42	30°℞♉	
direct	-2558 Feb 28 j 06:38	28°♉30'06	
desc. node	-2558 Mar 02 j 14:02	28°♉43'34	
	-2558 Mar 06 j 08:09	0°♒	
morning max el	-2558 Mar 14 j 13:31	6°♒05'13	26°40'53
	-2558 Apr 01 j 06:32	0°♓	
morning set	-2558 Apr 13 j 02:58	22°♓29'47	
	-2558 Apr 16 j 15:29	0°♈	
asc. node	-2558 Apr 18 j 02:27	3°♈10'02	
superior conj	-2558 Apr 20 j 04:55	7°♈46'14	0°21'59
minimum elong	-2558 Apr 20 j 03:57	7°♈40'57	0°21'47
max. Earth dist.	-2558 Apr 20 j 06:18	7°♈53'47	1.32526 AU
evening rise	-2558 Apr 27 j 05:25	22°♈54'27	
	-2558 Apr 30 j 16:57	0°♉	
	-2558 May 18 j 19:34	0°♊	
evening max el	-2558 May 26 j 18:53	9°♊05'48	26°33'01
desc. node	-2558 May 29 j 13:03	11°♊31'36	
retrograde	-2558 Jun 09 j 19:56	16°♊23'10	
evening set	-2558 Jun 16 j 08:51	14°♊34'13	
min. Earth dist.	-2558 Jun 20 j 08:13	11°♊54'40	0.59958 AU
inferior conj	-2558 Jun 23 j 16:43	9°♊12'57	-4°-28'-18
minimum elong	-2558 Jun 23 j 17:18	9°♊11'46	4°28'15
morning rise	-2558 Jul 01 j 05:06	4°♊34'17	
direct	-2558 Jul 03 j 16:30	4°♊11'40	
morning max el	-2558 Jul 11 j 03:33	7°♊48'13	18°15'40
asc. node	-2558 Jul 15 j 01:46	12°♊24'01	
	-2558 Jul 25 j 11:07	0°♋	
morning set	-2558 Jul 27 j 02:42	3°♋06'34	
superior conj	-2558 Aug 05 j 15:26	20°♋54'40	1°43'37
minimum elong	-2558 Aug 05 j 17:53	21°♋05'50	1°43'34
	-2558 Aug 10 j 18:02	0°♌	
max. Earth dist.	-2558 Aug 13 j 04:15	4°♌10'48	1.40853 AU
evening rise	-2558 Aug 18 j 03:37	12°♌29'17	
desc. node	-2558 Aug 25 j 12:21	24°♌11'39	
	-2558 Aug 29 j 07:49	0°♍	
greatest brilliancy	-2558 Sep 15 j 21:56	24°♍20'10	-0.2m
	-2558 Sep 20 j 22:19	0°♎	
evening max el	-2558 Sep 21 j 06:26	0°♎20'33	23°04'36
retrograde	-2558 Oct 01 j 10:00	6°♎21'09	
evening set	-2558 Oct 06 j 05:22	4°♎23'15	
	-2558 Oct 10 j 03:32	30°℞♍	
asc. node	-2558 Oct 11 j 00:53	28°♍47'40	
inferior conj	-2558 Oct 11 j 14:09	28°♍02'04	0°11'25
minimum elong	-2558 Oct 11 j 13:52	28°♍03'00	0°11'18
transit middle	-2558 Oct 11 j 13:52	28°♍03'00	0°11'18
transit begin	-2558 Oct 11 j 11:55	28°♍09'43	
transit end	-2558 Oct 11 j 15:49	27°♍56'17	
min. Earth dist.	-2558 Oct 11 j 08:09	28°♍22'40	0.67507 AU
morning rise	-2558 Oct 16 j 22:22	21°♍48'35	
direct	-2558 Oct 21 j 04:28	20°♍08'54	
morning max el	-2558 Oct 30 j 01:51	25°♍23'49	21°38'14
	-2558 Nov 03 j 04:04	0°♎	
greatest brilliancy	-2558 Nov 04 j 02:22	1°♎08'46	-0.4m
desc. node	-2558 Nov 21 j 11:52	25°♎42'30	
	-2558 Nov 24 j 07:34	0°♏	
morning set	-2558 Nov 30 j 16:38	9°♏56'36	
max. Earth dist.	-2558 Dec 07 j 14:27	21°♏07'49	1.41823 AU
	-2558 Dec 12 j 20:54	0°♐	
superior conj	-2558 Dec 15 j 03:09	3°♐54'09	-1°-54'-51
minimum elong	-2558 Dec 15 j 00:42	3°♐43'28	1°54'50
evening rise	-2558 Dec 26 j 01:03	23°♐29'43	
	-2558 Dec 29 j 14:33	0°♑	
asc. node	-2557 Jan 07 j 00:05	14°♑05'19	
evening max el	-2557 Jan 11 j 11:51	19°♑37'57	18°10'17
retrograde	-2557 Jan 18 j 08:00	23°♑06'28	
evening set	-2557 Jan 20 j 22:28	22°♑36'51	
inferior conj	-2557 Jan 27 j 18:41	17°♑42'41	3°57'24
minimum elong	-2557 Jan 27 j 19:21	17°♑41'09	3°57'19
min. Earth dist.	-2557 Jan 30 j 23:42	14°♑46'01	0.60715 AU
morning rise	-2557 Feb 03 j 13:30	12°♑00'18	
direct	-2557 Feb 10 j 09:16	9°♑47'08	
desc. node	-2557 Feb 17 j 11:06	11°♑55'15	
morning max el	-2557 Feb 24 j 13:03	17°♑30'27	27°30'38
	-2557 Mar 06 j 23:12	0°♒	
	-2557 Mar 24 j 20:05	0°♓	
morning set	-2557 Mar 28 j 10:33	7°♓14'58	
max. Earth dist.	-2557 Apr 03 j 19:10	20°♓48'21	1.32544 AU
superior conj	-2557 Apr 04 j 16:19	22°♓43'48	0°-3'-8
minimum elong	-2557 Apr 04 j 16:27	22°♓44'34	0°03'08
behind sun begin	-2557 Apr 04 j 11:30	22°♓17'28	
behind sun end	-2557 Apr 04 j 21:25	23°♓11'40	
asc. node	-2557 Apr 04 j 23:28	23°♓22'54	
	-2557 Apr 08 j 00:11	0°♈	
evening rise	-2557 Apr 11 j 15:57	7°♈50'41	
	-2557 Apr 23 j 07:05	0°♉	
evening max el	-2557 May 08 j 14:32	20°♉21'35	25°21'45
desc. node	-2557 May 16 j 10:07	26°♉01'42	
retrograde	-2557 May 22 j 15:45	27°♉31'53	
evening set	-2557 May 28 j 03:29	26°♉21'28	
min. Earth dist.	-2557 Jun 02 j 02:36	23°♉34'50	0.57952 AU
inferior conj	-2557 Jun 05 j 06:55	21°♉22'17	-4°-16'-9
minimum elong	-2557 Jun 05 j 03:38	21°♉28'03	4°15'46
morning rise	-2557 Jun 13 j 07:43	17°♉05'33	
direct	-2557 Jun 15 j 19:46	16°♉46'20	
morning max el	-2557 Jun 24 j 07:59	20°♉45'51	18°54'33
asc. node	-2557 Jul 01 j 22:49	0°♊41'43	
	-2557 Jul 01 j 12:26	0°♊	
morning set	-2557 Jul 10 j 21:33	17°♊07'52	
	-2557 Jul 17 j 11:06	0°♋	
superior conj	-2557 Jul 19 j 11:45	3°♋53'57	1°48'36
minimum elong	-2557 Jul 19 j 11:50	3°♋54'22	1°48'41
max. Earth dist.	-2557 Jul 26 j 07:04	16°♋29'53	1.38878 AU
evening rise	-2557 Jul 30 j 06:26	23°♋28'30	
	-2557 Aug 03 j 03:13	0°♌	
desc. node	-2557 Aug 12 j 09:22	14°♌38'43	
	-2557 Aug 23 j 03:24	0°♍	
evening max el	-2557 Sep 03 j 18:23	13°♍51'00	24°24'41
retrograde	-2557 Sep 15 j 00:09	20°♍26'05	
evening set	-2557 Sep 20 j 10:22	18°♍09'03	
min. Earth dist.	-2557 Sep 25 j 03:41	12°♍42'43	0.67304 AU
inferior conj	-2557 Sep 25 j 20:06	11°♍47'34	0°-42'-40
minimum elong	-2557 Sep 25 j 21:08	11°♍44'08	0°42'14
asc. node	-2557 Sep 27 j 21:56	9°♍05'17	
morning rise	-2557 Oct 01 j 08:11	5°♍39'58	
direct	-2557 Oct 05 j 01:28	4°♍20'38	
morning max el	-2557 Oct 12 j 23:08	8°♍56'10	20°23'28
greatest brilliancy	-2557 Oct 19 j 12:39	16°♍50'52	-0.5m
	-2557 Oct 28 j 17:18	0°♎	
desc. node	-2557 Nov 08 j 08:52	16°♎10'02	
morning set	-2557 Nov 09 j 15:40	18°♎09'08	
	-2557 Nov 17 j 04:57	0°♏	
max. Earth dist.	-2557 Nov 19 j 22:58	4°♏23'47	1.43471 AU
superior conj	-2557 Nov 25 j 21:25	14°♏04'07	-1°-37'-37

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2557 Nov 25 j 14:59	13°♏37'33	1°37'09
	-2557 Dec 05 j 07:23	0°♐	
evening rise	-2557 Dec 08 j 12:35	5°♐35'18	
	-2557 Dec 23 j 12:46	0°♑	
asc. node	-2557 Dec 24 j 21:06	1°♑37'34	
evening max el	-2557 Dec 25 j 23:53	2°♑49'23	18°10'12
retrograde	-2556 Jan 01 j 12:56	6°♑17'35	
evening set	-2556 Jan 04 j 06:47	5°♑39'48	
inferior conj	-2556 Jan 10 j 15:43	0°♑24'23	3°54'22
minimum elong	-2556 Jan 10 j 14:15	0°♑28'15	3°54'10
	-2556 Jan 11 j 00:59	30°℞♐	
min. Earth dist.	-2556 Jan 13 j 08:20	27°♐35'41	0.62666 AU
morning rise	-2556 Jan 16 j 19:47	24°♐28'51	
direct	-2556 Jan 23 j 20:45	21°♐49'37	
desc. node	-2556 Feb 04 j 08:10	27°♐21'15	
morning max el	-2556 Feb 06 j 18:33	29°♐36'46	27°44'11
	-2556 Feb 07 j 03:53	0°♑	
	-2556 Feb 28 j 21:03	0°♒	
morning set	-2556 Mar 11 j 12:46	21°♒40'49	
	-2556 Mar 15 j 13:20	0°♓	
max. Earth dist.	-2556 Mar 17 j 04:05	3°♓26'00	1.32922 AU
superior conj	-2556 Mar 19 j 01:46	7°♓31'43	0°-28'-51
minimum elong	-2556 Mar 19 j 03:06	7°♓38'53	0°28'36
asc. node	-2556 Mar 21 j 20:29	13°♓33'12	
evening rise	-2556 Mar 26 j 03:37	22°♓46'17	
	-2556 Mar 29 j 15:56	0°♈	
	-2556 Apr 18 j 03:08	0°♉	
evening max el	-2556 Apr 19 j 05:57	1°♉06'35	23°51'53
desc. node	-2556 May 02 j 07:10	7°♉58'37	
retrograde	-2556 May 02 j 23:49	7°♉59'43	
evening set	-2556 May 07 j 02:35	7°♉22'12	
min. Earth dist.	-2556 May 13 j 17:06	4°♉14'06	0.56272 AU
inferior conj	-2556 May 16 j 00:57	2°♉48'51	-3°-25'-40
minimum elong	-2556 May 15 j 18:41	2°♉58'27	3°24'12
	-2556 May 21 j 02:54	30°℞♈	
morning rise	-2556 May 24 j 14:36	28°♈48'56	
direct	-2556 May 27 j 03:46	28°♈32'15	
	-2556 Jun 01 j 19:08	0°♉	
morning max el	-2556 Jun 06 j 03:21	3°♉09'34	19°54'05
asc. node	-2556 Jun 17 j 19:51	19°♉37'20	
	-2556 Jun 23 j 05:19	0°♊	
morning set	-2556 Jun 24 j 00:02	1°♊34'04	
superior conj	-2556 Jul 01 j 22:35	17°♊38'29	1°44'36
minimum elong	-2556 Jul 01 j 21:01	17°♊30'39	1°44'35
max. Earth dist.	-2556 Jul 07 j 10:33	28°♊20'15	1.36979 AU
	-2556 Jul 08 j 07:45	0°♋	
evening rise	-2556 Jul 11 j 09:14	5°♋38'23	
	-2556 Jul 26 j 00:44	0°♌	
desc. node	-2556 Jul 29 j 06:22	4°♌49'44	
evening max el	-2556 Aug 16 j 05:12	27°♌23'36	25°38'31
	-2556 Aug 19 j 01:56	0°♍	
retrograde	-2556 Aug 28 j 10:02	4°♍24'54	
evening set	-2556 Sep 03 j 11:11	1°♍51'19	
	-2556 Sep 05 j 08:28	30°℞♌	
min. Earth dist.	-2556 Sep 07 j 19:53	27°♌01'36	0.66776 AU
inferior conj	-2556 Sep 08 j 23:28	25°♌33'05	-1°-36'-39
minimum elong	-2556 Sep 09 j 01:47	25°♌25'38	1°35'42
asc. node	-2556 Sep 13 j 19:00	20°♌13'44	
morning rise	-2556 Sep 14 j 17:02	19°♌34'22	
direct	-2556 Sep 17 j 23:39	18°♌32'19	
morning max el	-2556 Sep 25 j 03:43	22°♌37'14	19°21'54
	-2556 Oct 01 j 04:02	0°♍	
greatest brilliancy	-2556 Oct 04 j 23:53	5°♍29'36	-0.7m
morning set	-2556 Oct 18 j 18:25	26°♍39'53	
	-2556 Oct 20 j 21:42	0°♎	
desc. node	-2556 Oct 25 j 05:51	6°♎47'02	
max. Earth dist.	-2556 Nov 01 j 13:24	18°♎17'08	1.44538 AU
superior conj	-2556 Nov 04 j 13:01	23°♎01'11	-1°-3'00
minimum elong	-2556 Nov 04 j 05:56	22°♎33'03	1°02'14
	-2556 Nov 08 j 21:38	0°♏	
evening rise	-2556 Nov 19 j 03:23	16°♏45'15	
	-2556 Nov 27 j 03:25	0°♐	
evening max el	-2556 Dec 08 j 12:14	16°♐10'08	18°28'53
asc. node	-2556 Dec 10 j 18:08	18°♐09'14	
retrograde	-2556 Dec 15 j 02:38	19°♐48'52	
evening set	-2556 Dec 18 j 00:54	19°♐01'36	
inferior conj	-2556 Dec 24 j 01:12	13°♐27'15	3°33'51
minimum elong	-2556 Dec 23 j 22:32	13°♐35'03	3°33'18
min. Earth dist.	-2556 Dec 26 j 02:59	11°♐02'55	0.64341 AU
morning rise	-2556 Dec 29 j 18:48	7°♐22'32	
direct	-2555 Jan 05 j 15:47	4°♐31'59	
morning max el	-2555 Jan 19 j 03:29	12°♐16'32	27°22'10
desc. node	-2555 Jan 21 j 05:12	14°♐25'36	
	-2555 Feb 02 j 09:08	0°♑	
	-2555 Feb 20 j 08:33	0°♒	
morning set	-2555 Feb 23 j 06:52	5°♒38'16	
max. Earth dist.	-2555 Feb 28 j 05:01	15°♒33'57	1.33704 AU
superior conj	-2555 Mar 03 j 07:29	22°♒04'01	0°-54'-10
minimum elong	-2555 Mar 03 j 09:54	22°♒16'51	0°53'46
	-2555 Mar 07 j 00:48	0°♓	
asc. node	-2555 Mar 08 j 17:31	3°♓36'50	
evening rise	-2555 Mar 10 j 14:41	7°♓35'06	
	-2555 Mar 22 j 15:20	0°♈	
evening max el	-2555 Mar 31 j 23:24	11°♈48'19	22°17'39
retrograde	-2555 Apr 13 j 19:57	18°♈05'18	
evening set	-2555 Apr 16 j 17:46	17°♈46'39	
desc. node	-2555 Apr 19 j 04:14	17°♈04'27	
min. Earth dist.	-2555 Apr 25 j 06:54	14°♈04'52	0.55263 AU
inferior conj	-2555 Apr 26 j 02:09	13°♈37'36	-1°-53'-41
minimum elong	-2555 Apr 25 j 21:09	13°♈44'41	1°52'03
morning rise	-2555 May 05 j 02:24	9°♈41'24	
direct	-2555 May 07 j 19:52	9°♈24'30	
morning max el	-2555 May 19 j 12:00	14°♈52'42	21°13'04
	-2555 May 30 j 19:18	0°♉	
asc. node	-2555 Jun 04 j 16:54	9°♉01'40	
morning set	-2555 Jun 08 j 07:44	16°♉18'38	
	-2555 Jun 14 j 21:19	0°♊	
superior conj	-2555 Jun 15 j 19:44	1°♊56'05	1°33'48
minimum elong	-2555 Jun 15 j 17:18	1°♊43'32	1°33'37
max. Earth dist.	-2555 Jun 19 j 21:01	10°♊10'32	1.35353 AU
evening rise	-2555 Jun 24 j 07:13	18°♊46'59	
	-2555 Jun 30 j 11:04	0°♋	
desc. node	-2555 Jul 16 j 03:23	24°♋37'45	
	-2555 Jul 20 j 03:21	0°♌	
evening max el	-2555 Jul 29 j 16:34	10°♌55'39	26°38'02
retrograde	-2555 Aug 11 j 15:02	18°♌11'58	
evening set	-2555 Aug 18 j 05:40	15°♌27'43	
min. Earth dist.	-2555 Aug 22 j 06:30	11°♌16'09	0.65905 AU
inferior conj	-2555 Aug 23 j 22:21	9°♌16'21	-2°-28'-35
minimum elong	-2555 Aug 24 j 01:46	9°♌06'03	2°27'21
morning rise	-2555 Aug 29 j 22:57	3°♌29'34	
asc. node	-2555 Aug 31 j 16:04	2°♌49'34	
direct	-2555 Sep 01 j 21:17	2°♌41'13	
morning max el	-2555 Sep 08 j 14:15	6°♌24'21	18°35'47
	-2555 Sep 24 j 21:33	0°♍	
morning set	-2555 Sep 28 j 20:17	6°♍21'15	
desc. node	-2555 Oct 12 j 02:51	27°♍29'56	
	-2555 Oct 13 j 16:55	0°♎	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2555 Oct 14 j 13:18	1°♎20'16	0°-15'-35
minimum elong	-2555 Oct 14 j 11:14	1°♎12'08	0°15'19
behind sun begin	-2555 Oct 14 j 07:17	0°♎56'36	
behind sun end	-2555 Oct 14 j 15:10	1°♎27'39	
max. Earth dist.	-2555 Oct 15 j 07:00	2°♎29'57	1.44907 AU
evening rise	-2555 Oct 30 j 17:58	26°♎53'23	
	-2555 Nov 01 j 16:57	0°♏	
evening max el	-2555 Nov 21 j 22:31	29°♏35'57	19°05'11
	-2555 Nov 22 j 08:01	0°♐	
asc. node	-2555 Nov 27 j 15:12	3°♐25'24	
retrograde	-2555 Nov 28 j 21:27	3°♐34'19	
evening set	-2555 Dec 02 j 01:53	2°♐35'36	
	-2555 Dec 05 j 02:11	30°℞♏	
inferior conj	-2555 Dec 07 j 19:44	26°♏45'06	3°01'15
minimum elong	-2555 Dec 07 j 16:42	26°♏54'39	3°00'23
min. Earth dist.	-2555 Dec 09 j 06:57	24°♏54'33	0.65658 AU
morning rise	-2555 Dec 13 j 06:34	20°♏34'06	
direct	-2555 Dec 19 j 17:17	17°♏46'29	
morning max el	-2554 Jan 01 j 13:03	25°♏17'19	26°30'17
	-2554 Jan 05 j 21:02	0°♐	
desc. node	-2554 Jan 08 j 02:15	2°♐39'50	
	-2554 Jan 26 j 20:30	0°♑	
morning set	-2554 Feb 06 j 13:11	18°♑55'26	
max. Earth dist.	-2554 Feb 10 j 18:42	27°♑05'50	1.34940 AU
	-2554 Feb 12 j 05:41	0°♒	
superior conj	-2554 Feb 15 j 07:12	6°♒13'34	-1°-17'-46
minimum elong	-2554 Feb 15 j 10:24	6°♒30'04	1°17'22
evening rise	-2554 Feb 22 j 23:20	22°♒10'45	
asc. node	-2554 Feb 23 j 14:33	23°♒28'58	
	-2554 Feb 26 j 20:28	0°♓	
evening max el	-2554 Mar 14 j 00:54	22°♓52'23	20°51'26
retrograde	-2554 Mar 25 j 09:07	28°♓18'04	
evening set	-2554 Mar 27 j 16:45	28°♓05'21	
inferior conj	-2554 Apr 05 j 20:59	24°♓07'56	0°03'02
minimum elong	-2554 Apr 05 j 21:08	24°♓07'44	0°02'58
transit middle	-2554 Apr 05 j 21:08	24°♓07'44	0°02'58
transit begin	-2554 Apr 05 j 17:07	24°♓13'27	
transit end	-2554 Apr 06 j 01:08	24°♓02'00	
desc. node	-2554 Apr 06 j 01:19	24°♓01'45	
min. Earth dist.	-2554 Apr 06 j 20:52	23°♓33'48	0.55171 AU
morning rise	-2554 Apr 15 j 00:15	19°♓57'31	
direct	-2554 Apr 18 j 07:33	19°♓33'46	
morning max el	-2554 May 01 j 10:13	25°♓54'32	22°47'10
	-2554 May 05 j 06:31	0°♈	
asc. node	-2554 May 22 j 13:58	28°♈46'17	
	-2554 May 23 j 04:15	0°♉	
morning set	-2554 May 23 j 18:31	1°♉14'16	
superior conj	-2554 May 30 j 23:50	16°♉35'19	1°17'55
minimum elong	-2554 May 30 j 21:13	16°♉21'29	1°17'35
max. Earth dist.	-2554 Jun 02 j 17:26	22°♉20'41	1.34090 AU
	-2554 Jun 06 j 11:19	0°♊	
evening rise	-2554 Jun 07 j 19:15	2°♊38'27	
	-2554 Jun 23 j 07:44	0°♋	
desc. node	-2554 Jul 03 j 00:26	13°♋52'03	
evening max el	-2554 Jul 12 j 04:09	24°♋17'29	27°15'36
	-2554 Jul 19 j 16:19	0°♌	
retrograde	-2554 Jul 25 j 14:32	1°♌39'04	
	-2554 Jul 31 j 01:18	30°℞♋	
evening set	-2554 Aug 01 j 15:07	28°♋53'34	
min. Earth dist.	-2554 Aug 05 j 09:13	25°♋19'14	0.64661 AU
inferior conj	-2554 Aug 07 j 14:27	22°♋52'34	-3°-16'-7
minimum elong	-2554 Aug 07 j 18:32	22°♋41'18	3°14'55
morning rise	-2554 Aug 13 j 23:31	17°♋21'06	
direct	-2554 Aug 16 j 16:03	16°♋43'02	
asc. node	-2554 Aug 18 j 13:10	17°♋01'39	
morning max el	-2554 Aug 23 j 04:25	20°♋12'37	18°06'36
	-2554 Aug 30 j 13:12	0°♌	
morning set	-2554 Sep 10 j 02:08	17°♌24'03	
	-2554 Sep 17 j 15:45	0°♍	
superior conj	-2554 Sep 23 j 20:13	10°♍03'06	0°32'51
minimum elong	-2554 Sep 24 j 00:00	10°♍18'15	0°32'22
max. Earth dist.	-2554 Sep 28 j 01:03	16°♍45'18	1.44543 AU
desc. node	-2554 Sep 28 j 23:51	18°♍15'34	
	-2554 Oct 06 j 11:38	0°♎	
evening rise	-2554 Oct 10 j 10:00	6°♎06'03	
	-2554 Oct 26 j 03:28	0°♏	
greatest brilliancy	-2554 Oct 28 j 20:59	3°♏54'29	-0.6m
evening max el	-2554 Nov 05 j 04:34	13°♏03'35	19°57'22
retrograde	-2554 Nov 12 j 18:34	17°♏29'39	
asc. node	-2554 Nov 14 j 12:15	17°♏12'14	
evening set	-2554 Nov 16 j 07:13	16°♏17'05	
inferior conj	-2554 Nov 21 j 20:27	10°♏13'27	2°20'10
minimum elong	-2554 Nov 21 j 17:42	10°♏22'34	2°19'12
min. Earth dist.	-2554 Nov 22 j 18:31	9°♏00'16	0.66605 AU
morning rise	-2554 Nov 27 j 03:34	3°♏58'35	
direct	-2554 Dec 03 j 00:19	1°♏24'38	
morning max el	-2554 Dec 14 j 21:51	8°♏28'17	25°17'12
desc. node	-2554 Dec 25 j 23:18	21°♏43'18	
	-2554 Dec 31 j 20:48	0°♐	
	-2553 Jan 19 j 09:22	0°♑	
morning set	-2553 Jan 20 j 02:46	1°♑18'03	
max. Earth dist.	-2553 Jan 23 j 21:15	8°♑13'32	1.36616 AU
superior conj	-2553 Jan 29 j 22:06	19°♑52'05	-1°-37'-56
minimum elong	-2553 Jan 30 j 01:27	20°♑08'39	1°37'41
	-2553 Feb 03 j 23:04	0°♒	
evening rise	-2553 Feb 07 j 03:29	6°♒27'10	
asc. node	-2553 Feb 10 j 11:35	13°♒04'39	
	-2553 Feb 20 j 13:42	0°♓	
evening max el	-2553 Feb 24 j 13:06	4°♓31'51	19°41'02
retrograde	-2553 Mar 06 j 04:14	9°♓07'08	
evening set	-2553 Mar 08 j 10:17	8°♓53'13	
inferior conj	-2553 Mar 16 j 23:52	4°♓49'46	1°51'42
minimum elong	-2553 Mar 17 j 04:05	4°♓43'05	1°50'23
min. Earth dist.	-2553 Mar 19 j 11:13	3°♓16'34	0.56010 AU
desc. node	-2553 Mar 23 j 22:23	0°♓52'43	
morning rise	-2553 Mar 25 j 18:31	0°♓11'15	
	-2553 Mar 26 j 09:47	30°℞♒	
direct	-2553 Mar 30 j 02:39	29°♒29'11	
	-2553 Apr 02 j 18:50	0°♓	
morning max el	-2553 Apr 13 j 01:56	6°♓30'31	24°26'57
	-2553 Apr 29 j 23:38	0°♈	
morning set	-2553 May 08 j 06:38	16°♈15'11	
asc. node	-2553 May 09 j 11:02	18°♈45'15	
	-2553 May 14 j 16:06	0°♉	
superior conj	-2553 May 15 j 08:24	1°♉28'18	0°58'15
minimum elong	-2553 May 15 j 06:08	1°♉16'05	0°57'53
max. Earth dist.	-2553 May 16 j 22:47	4°♉55'22	1.33203 AU
evening rise	-2553 May 22 j 17:12	17°♉00'10	
	-2553 May 29 j 10:39	0°♊	
	-2553 Jun 17 j 23:02	0°♋	
desc. node	-2553 Jun 19 j 21:29	2°♋18'18	
evening max el	-2553 Jun 24 j 13:59	7°♋15'59	27°24'37
retrograde	-2553 Jul 08 j 07:49	14°♋37'26	
evening set	-2553 Jul 15 j 12:04	12°♋03'00	
min. Earth dist.	-2553 Jul 19 j 02:11	9°♋00'29	0.63048 AU
inferior conj	-2553 Jul 21 j 20:59	6°♋15'26	-3°-55'-45
minimum elong	-2553 Jul 22 j 00:51	6°♋05'51	3°54'58
morning rise	-2553 Jul 28 j 15:48	1°♋02'42	
direct	-2553 Jul 31 j 04:52	0°♋32'09	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2553 Aug 05 j 10:16	2°♋41'42	
morning max el	-2553 Aug 06 j 19:35	3°♋56'33	17°55'16
morning set	-2553 Aug 23 j 07:50	29°♋35'03	
	-2553 Aug 23 j 13:30	0°♌	
superior conj	-2553 Sep 04 j 02:59	19°♌57'30	1°11'16
minimum elong	-2553 Sep 04 j 08:30	20°♌20'34	1°10'42
	-2553 Sep 10 j 05:24	0°♍	
max. Earth dist.	-2553 Sep 10 j 16:32	0°♍45'02	1.43499 AU
desc. node	-2553 Sep 15 j 20:51	9°♍00'34	
evening rise	-2553 Sep 19 j 15:08	14°♍53'14	
	-2553 Sep 29 j 13:33	0°♎	
greatest brilliancy	-2553 Oct 13 j 17:40	20°♎05'41	-0.5m
evening max el	-2553 Oct 19 j 04:50	26°♎30'27	21°03'00
	-2553 Oct 23 j 06:58	0°♏	
retrograde	-2553 Oct 27 j 15:43	1°♏31'04	
evening set	-2553 Oct 31 j 14:45	0°♏02'13	
	-2553 Oct 31 j 15:55	30°℞♎	
asc. node	-2553 Nov 01 j 09:21	29°♎23'49	
inferior conj	-2553 Nov 06 j 01:02	23°♎48'46	1°33'07
minimum elong	-2553 Nov 05 j 23:02	23°♎55'39	1°32'18
min. Earth dist.	-2553 Nov 06 j 11:26	23°♎13'08	0.67204 AU
morning rise	-2553 Nov 11 j 06:57	17°♎32'18	
direct	-2553 Nov 16 j 12:14	15°♎18'16	
morning max el	-2553 Nov 27 j 06:36	21°♎43'21	23°52'31
	-2553 Dec 04 j 10:59	0°♏	
desc. node	-2553 Dec 12 j 20:19	11°♏20'59	
	-2553 Dec 25 j 04:10	0°♐	
morning set	-2552 Jan 01 j 17:27	12°♐28'39	
max. Earth dist.	-2552 Jan 05 j 17:24	19°♐26'18	1.38613 AU
	-2552 Jan 11 j 12:33	0°♑	
superior conj	-2552 Jan 13 j 00:19	2°♑48'08	-1°-52'-17
minimum elong	-2552 Jan 13 j 02:40	2°♑59'16	1°52'14
evening rise	-2552 Jan 22 j 00:37	20°♑16'33	
	-2552 Jan 27 j 02:33	0°♒	
asc. node	-2552 Jan 28 j 08:37	2°♒17'00	
evening max el	-2552 Feb 07 j 11:16	16°♒46'15	18°49'57
retrograde	-2552 Feb 15 j 15:55	20°♒43'36	
evening set	-2552 Feb 18 j 00:53	20°♒24'59	
inferior conj	-2552 Feb 25 j 20:52	16°♒04'35	3°08'18
minimum elong	-2552 Feb 26 j 01:18	15°♒56'27	3°07'19
min. Earth dist.	-2552 Feb 29 j 03:16	13°♒42'19	0.57572 AU
morning rise	-2552 Mar 04 j 21:50	10°♒55'25	
desc. node	-2552 Mar 09 j 19:28	9°♒42'23	
direct	-2552 Mar 10 j 10:30	9°♒41'25	
morning max el	-2552 Mar 24 j 17:25	17°♒07'52	25°58'18
	-2552 Apr 04 j 07:13	0°♓	
	-2552 Apr 21 j 03:57	0°♈	
morning set	-2552 Apr 21 j 18:23	1°♈15'25	
asc. node	-2552 Apr 25 j 08:04	8°♈53'19	
superior conj	-2552 Apr 28 j 19:26	16°♈28'12	0°35'48
minimum elong	-2552 Apr 28 j 17:55	16°♈19'54	0°35'31
max. Earth dist.	-2552 Apr 29 j 09:57	17°♈47'32	1.32669 AU
	-2552 May 05 j 02:20	0°♉	
evening rise	-2552 May 05 j 21:55	1°♉41'57	
	-2552 May 21 j 10:13	0°♊	
desc. node	-2552 Jun 05 j 18:32	19°♊36'30	
evening max el	-2552 Jun 05 j 19:23	19°♊38'31	27°01'12
retrograde	-2552 Jun 19 j 18:17	26°♊58'19	
evening set	-2552 Jun 26 j 16:26	24°♊48'55	
min. Earth dist.	-2552 Jun 30 j 09:00	22°♊06'07	0.61129 AU
inferior conj	-2552 Jul 03 j 14:40	19°♊17'16	-4°-22'-11
minimum elong	-2552 Jul 03 j 16:56	19°♊12'18	4°21'56
morning rise	-2552 Jul 10 j 20:23	14°♊26'05	
direct	-2552 Jul 13 j 07:57	14°♊01'02	
morning max el	-2552 Jul 20 j 08:58	17°♊29'47	18°02'41
asc. node	-2552 Jul 22 j 07:21	19°♊35'03	
	-2552 Jul 29 j 07:21	0°♋	
morning set	-2552 Aug 05 j 07:41	12°♋38'40	
	-2552 Aug 14 j 20:30	0°♌	
superior conj	-2552 Aug 15 j 13:20	1°♌14'22	1°35'38
minimum elong	-2552 Aug 15 j 17:15	1°♌31'36	1°35'24
max. Earth dist.	-2552 Aug 23 j 02:31	14°♌10'27	1.41914 AU
evening rise	-2552 Aug 29 j 04:29	24°♌05'12	
desc. node	-2552 Sep 01 j 17:52	29°♌41'59	
	-2552 Sep 01 j 22:30	0°♍	
	-2552 Sep 22 j 14:08	0°♎	
greatest brilliancy	-2552 Sep 26 j 05:19	4°♎36'54	-0.3m
evening max el	-2552 Sep 30 j 23:02	9°♎57'09	22°18'31
retrograde	-2552 Oct 10 j 11:16	15°♎36'26	
evening set	-2552 Oct 14 j 22:40	13°♎49'23	
asc. node	-2552 Oct 18 j 06:25	10°♎15'41	
inferior conj	-2552 Oct 20 j 07:33	7°♎29'43	0°42'03
minimum elong	-2552 Oct 20 j 06:35	7°♎33'04	0°41'37
min. Earth dist.	-2552 Oct 20 j 07:23	7°♎30'20	0.67483 AU
morning rise	-2552 Oct 25 j 14:23	1°♎14'15	
	-2552 Oct 27 j 11:54	30°℞♍	
direct	-2552 Oct 30 j 04:30	29°♍22'15	
	-2552 Nov 02 j 01:28	0°♎	
morning max el	-2552 Nov 08 j 17:58	5°♎03'02	22°25'48
greatest brilliancy	-2552 Nov 13 j 10:13	10°♎18'49	-0.3m
	-2552 Nov 27 j 18:47	0°♏	
desc. node	-2552 Nov 28 j 17:20	1°♏23'26	
morning set	-2552 Dec 12 j 03:54	22°♏15'53	
	-2552 Dec 16 j 20:15	0°♐	
max. Earth dist.	-2552 Dec 17 j 14:26	1°♐16'37	1.40698 AU
superior conj	-2552 Dec 25 j 09:03	14°♐49'40	-1°-57'-31
minimum elong	-2552 Dec 25 j 08:49	14°♐48'36	1°57'35
	-2551 Jan 02 j 14:38	0°♑	
evening rise	-2551 Jan 04 j 11:44	3°♑31'56	
asc. node	-2551 Jan 14 j 05:38	20°♑58'30	
evening max el	-2551 Jan 20 j 17:07	29°♑29'26	18°19'01
	-2551 Jan 21 j 06:06	0°♒	
retrograde	-2551 Jan 27 j 22:07	3°♒04'20	
evening set	-2551 Jan 30 j 10:30	2°♒39'11	
	-2551 Feb 04 j 02:39	30°℞♑	
inferior conj	-2551 Feb 06 j 14:35	27°♑57'47	3°48'23
minimum elong	-2551 Feb 06 j 16:46	27°♑53'08	3°48'07
min. Earth dist.	-2551 Feb 09 j 23:43	25°♑06'20	0.59536 AU
morning rise	-2551 Feb 13 j 19:41	22°♑24'57	
direct	-2551 Feb 20 j 07:08	20°♑32'02	
desc. node	-2551 Feb 24 j 16:31	21°♑21'19	
morning max el	-2551 Mar 06 j 13:32	28°♑12'05	27°06'17
	-2551 Mar 08 j 07:56	0°♒	
	-2551 Mar 28 j 21:51	0°♓	
morning set	-2551 Apr 06 j 04:00	16°♓08'16	
asc. node	-2551 Apr 12 j 05:04	29°♓05'45	
	-2551 Apr 12 j 14:59	0°♈	
superior conj	-2551 Apr 13 j 07:10	1°♈28'36	0°11'26
minimum elong	-2551 Apr 13 j 06:39	1°♈25'48	0°11'20
behind sun begin	-2551 Apr 13 j 03:09	1°♈06'35	
behind sun end	-2551 Apr 13 j 10:09	1°♈45'00	
max. Earth dist.	-2551 Apr 12 j 23:07	0°♈44'33	1.32484 AU
evening rise	-2551 Apr 20 j 06:54	16°♈35'03	
	-2551 Apr 27 j 00:27	0°♉	
	-2551 May 17 j 11:04	0°♊	
evening max el	-2551 May 18 j 18:29	1°♊17'43	26°05'48
desc. node	-2551 May 23 j 15:35	5°♊18'01	
retrograde	-2551 Jun 01 j 20:27	8°♊33'49	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening set	-2551 Jun 08 j 00:01	7°♊00'55	
min. Earth dist.	-2551 Jun 12 j 07:14	4°♊20'27	0.59076 AU
inferior conj	-2551 Jun 15 j 15:49	1°♊48'13	-4°-27'-14
minimum elong	-2551 Jun 15 j 14:51	1°♊50'04	4°27'10
	-2551 Jun 18 j 02:55	30°℞♉	
morning rise	-2551 Jun 23 j 09:25	27°♉19'29	
direct	-2551 Jun 25 j 20:52	26°♉58'34	
	-2551 Jul 02 j 22:20	0°♊	
morning max el	-2551 Jul 03 j 17:33	0°♊43'16	18°29'47
asc. node	-2551 Jul 09 j 04:24	7°♊25'48	
morning set	-2551 Jul 19 j 20:41	26°♊21'23	
	-2551 Jul 21 j 18:06	0°♋	
superior conj	-2551 Jul 28 j 22:53	13°♋40'36	1°47'00
minimum elong	-2551 Jul 29 j 00:17	13°♋47'02	1°47'01
max. Earth dist.	-2551 Aug 05 j 06:31	26°♋50'18	1.40010 AU
	-2551 Aug 07 j 02:31	0°♌	
evening rise	-2551 Aug 09 j 16:17	4°♌21'00	
desc. node	-2551 Aug 19 j 14:53	20°♌15'23	
	-2551 Aug 26 j 03:44	0°♍	
evening max el	-2551 Sep 13 j 12:32	23°♍25'14	23°38'56
retrograde	-2551 Sep 24 j 03:45	29°♍42'02	
evening set	-2551 Sep 29 j 05:14	27°♍35'58	
min. Earth dist.	-2551 Oct 04 j 03:50	21°♍49'24	0.67454 AU
inferior conj	-2551 Oct 04 j 14:12	21°♍13'58	0°-11'-24
minimum elong	-2551 Oct 04 j 14:29	21°♍13'03	0°11'18
transit middle	-2551 Oct 04 j 14:29	21°♍13'03	0°11'18
transit begin	-2551 Oct 04 j 12:31	21°♍19'44	
transit end	-2551 Oct 04 j 16:26	21°♍06'21	
asc. node	-2551 Oct 05 j 03:28	20°♍28'45	
morning rise	-2551 Oct 09 j 23:50	15°♍02'23	
direct	-2551 Oct 14 j 00:10	13°♍31'44	
morning max el	-2551 Oct 22 j 10:58	18°♍29'31	21°04'58
greatest brilliancy	-2551 Oct 28 j 00:29	24°♍59'00	-0.5m
	-2551 Oct 31 j 18:43	0°♎	
desc. node	-2551 Nov 15 j 14:21	21°♎43'21	
	-2551 Nov 20 j 23:02	0°♏	
morning set	-2551 Nov 21 j 11:42	0°♏49'31	
max. Earth dist.	-2551 Nov 29 j 17:50	14°♏00'30	1.42580 AU
superior conj	-2551 Dec 06 j 18:46	25°♏43'44	-1°-49'-37
minimum elong	-2551 Dec 06 j 14:31	25°♏25'39	1°49'28
	-2551 Dec 09 j 06:36	0°♐	
evening rise	-2551 Dec 18 j 09:07	16°♐05'27	
	-2551 Dec 26 j 06:06	0°♑	
asc. node	-2550 Jan 01 j 02:39	8°♑59'46	
evening max el	-2550 Jan 04 j 03:49	12°♑33'33	18°07'55
retrograde	-2550 Jan 10 j 19:51	16°♑00'20	
evening set	-2550 Jan 13 j 11:38	15°♑27'28	
inferior conj	-2550 Jan 20 j 02:46	10°♑24'25	3°58'38
minimum elong	-2550 Jan 20 j 02:25	10°♑25'16	3°58'34
min. Earth dist.	-2550 Jan 23 j 03:16	7°♑28'16	0.61571 AU
morning rise	-2550 Jan 26 j 14:46	4°♑35'48	
direct	-2550 Feb 02 j 14:09	2°♑09'27	
desc. node	-2550 Feb 11 j 13:34	5°♑35'05	
morning max el	-2550 Feb 16 j 15:46	9°♑55'39	27°40'49
	-2550 Mar 04 j 06:44	0°♒	
morning set	-2550 Mar 21 j 09:36	0°♓46'52	
	-2550 Mar 21 j 00:25	0°♓	
max. Earth dist.	-2550 Mar 27 j 10:39	13°♓33'29	1.32654 AU
superior conj	-2550 Mar 28 j 17:59	16°♓23'40	0°-14'-1
minimum elong	-2550 Mar 28 j 18:38	16°♓27'09	0°13'54
behind sun begin	-2550 Mar 28 j 16:11	16°♓13'50	
behind sun end	-2550 Mar 28 j 21:05	16°♓40'28	
asc. node	-2550 Mar 30 j 02:04	19°♓18'31	
	-2550 Apr 04 j 00:43	0°♈	
evening rise	-2550 Apr 04 j 18:10	1°♈32'25	
	-2550 Apr 20 j 10:17	0°♉	
evening max el	-2550 Apr 30 j 11:55	12°♉18'45	24°45'05
desc. node	-2550 May 10 j 12:36	18°♉47'25	
retrograde	-2550 May 14 j 11:45	19°♉23'42	
evening set	-2550 May 19 j 09:32	18°♉28'59	
min. Earth dist.	-2550 May 24 j 23:54	15°♉34'25	0.57172 AU
inferior conj	-2550 May 27 j 21:30	13°♉40'14	-4°00'00
minimum elong	-2550 May 27 j 16:38	13°♉48'17	3°59'11
morning rise	-2550 Jun 05 j 03:45	9°♉31'24	
direct	-2550 Jun 07 j 16:00	9°♉13'30	
morning max el	-2550 Jun 16 j 18:26	13°♉27'49	19°17'20
asc. node	-2550 Jun 26 j 01:27	26°♉01'07	
	-2550 Jun 28 j 07:20	0°♊	
morning set	-2550 Jul 03 j 19:08	10°♊34'03	
superior conj	-2550 Jul 12 j 01:58	27°♊00'31	1°47'52
minimum elong	-2550 Jul 12 j 01:15	26°♊57'01	1°47'55
	-2550 Jul 13 j 15:05	0°♋	
max. Earth dist.	-2550 Jul 18 j 08:36	8°♋53'01	1.38049 AU
evening rise	-2550 Jul 22 j 05:51	15°♋51'38	
	-2550 Jul 30 j 15:42	0°♌	
desc. node	-2550 Aug 06 j 11:53	10°♌36'03	
	-2550 Aug 20 j 17:16	0°♍	
evening max el	-2550 Aug 26 j 23:52	6°♍56'56	24°57'26
retrograde	-2550 Sep 07 j 16:10	13°♍44'21	
evening set	-2550 Sep 13 j 08:40	11°♍20'06	
min. Earth dist.	-2550 Sep 17 j 22:20	6°♍08'48	0.67117 AU
inferior conj	-2550 Sep 18 j 19:17	4°♍59'35	-1°-5'-42
minimum elong	-2550 Sep 18 j 20:52	4°♍54'22	1°05'01
asc. node	-2550 Sep 22 j 00:33	1°♍01'27	
	-2550 Sep 23 j 01:09	30°℞♌	
morning rise	-2550 Sep 24 j 09:29	28°♌55'07	
direct	-2550 Sep 27 j 21:59	27°♌43'23	
	-2550 Oct 03 j 04:36	0°♍	
morning max el	-2550 Oct 05 j 11:18	2°♍04'54	19°55'26
greatest brilliancy	-2550 Oct 13 j 01:36	11°♍31'03	-0.6m
	-2550 Oct 25 j 12:43	0°♎	
morning set	-2550 Oct 31 j 09:10	9°♎00'32	
desc. node	-2550 Nov 02 j 11:22	12°♎15'13	
max. Earth dist.	-2550 Nov 12 j 04:59	27°♎33'48	1.44005 AU
	-2550 Nov 13 j 17:35	0°♏	
superior conj	-2550 Nov 17 j 01:18	5°♏21'23	-1°-25'00
minimum elong	-2550 Nov 16 j 17:56	4°♏51'28	1°24'21
evening rise	-2550 Nov 30 j 12:21	27°♏48'06	
	-2550 Dec 01 j 19:14	0°♐	
evening max el	-2550 Dec 18 j 16:25	25°♐50'17	18°15'58
asc. node	-2550 Dec 18 j 23:41	26°♐08'23	
retrograde	-2550 Dec 25 j 04:54	29°♐21'19	
evening set	-2550 Dec 28 j 00:34	28°♐39'36	
inferior conj	-2549 Jan 03 j 05:33	23°♐15'57	3°47'24
minimum elong	-2549 Jan 03 j 03:27	23°♐21'43	3°47'05
min. Earth dist.	-2549 Jan 05 j 15:59	20°♐36'07	0.63423 AU
morning rise	-2549 Jan 09 j 04:42	17°♐16'26	
direct	-2549 Jan 16 j 05:08	14°♐30'26	
desc. node	-2549 Jan 29 j 10:38	21°♐46'59	
morning max el	-2549 Jan 29 j 22:50	22°♐16'51	27°38'52
	-2549 Feb 05 j 19:01	0°♑	
	-2549 Feb 25 j 10:08	0°♒	
morning set	-2549 Mar 05 j 08:44	15°♒01'50	
max. Earth dist.	-2549 Mar 10 j 16:35	25°♒59'39	1.33208 AU
	-2549 Mar 12 j 13:47	0°♓	
superior conj	-2549 Mar 13 j 02:07	1°♓06'02	0°-39'-41
minimum elong	-2549 Mar 13 j 03:56	1°♓15'45	0°39'22
asc. node	-2549 Mar 16 j 23:05	9°♓26'35	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening rise	-2549 Mar 20 j 05:49	16°♓26'14	
	-2549 Mar 27 j 01:06	0°♈	
evening max el	-2549 Apr 12 j 03:32	22°♈59'17	23°11'28
retrograde	-2549 Apr 25 j 14:01	29°♈38'32	
desc. node	-2549 Apr 27 j 09:39	29°♈31'11	
evening set	-2549 Apr 29 j 03:15	29°♈10'58	
min. Earth dist.	-2549 May 06 j 13:50	25°♈50'18	0.55751 AU
inferior conj	-2549 May 08 j 07:32	24°♈49'15	-2°-51'-16
minimum elong	-2549 May 08 j 01:10	24°♈58'36	2°49'30
morning rise	-2549 May 17 j 02:11	20°♈52'39	
direct	-2549 May 19 j 16:44	20°♈36'12	
morning max el	-2549 May 30 j 09:12	25°♈33'59	20°25'25
	-2549 Jun 03 j 10:18	0°♉	
asc. node	-2549 Jun 12 j 22:31	15°♉09'52	
morning set	-2549 Jun 18 j 00:08	25°♉08'46	
	-2549 Jun 20 j 08:56	0°♊	
superior conj	-2549 Jun 25 j 17:38	11°♊00'00	1°40'44
minimum elong	-2549 Jun 25 j 15:36	10°♊49'44	1°40'39
max. Earth dist.	-2549 Jun 30 j 14:48	20°♊41'13	1.36252 AU
evening rise	-2549 Jul 04 j 17:28	28°♊28'03	
	-2549 Jul 05 j 13:29	0°♋	
	-2549 Jul 23 j 22:19	0°♌	
desc. node	-2549 Jul 24 j 08:53	0°♌38'04	
evening max el	-2549 Aug 09 j 11:02	20°♌30'36	26°06'09
retrograde	-2549 Aug 21 j 23:50	27°♌38'46	
evening set	-2549 Aug 28 j 07:05	24°♌59'55	
min. Earth dist.	-2549 Sep 01 j 12:26	20°♌26'22	0.66449 AU
inferior conj	-2549 Sep 02 j 21:01	18°♌44'28	-1°-59'-4
minimum elong	-2549 Sep 02 j 23:50	18°♌35'38	1°57'57
morning rise	-2549 Sep 08 j 17:23	12°♌50'25	
asc. node	-2549 Sep 08 j 21:40	12°♌44'13	
direct	-2549 Sep 11 j 20:17	11°♌54'28	
morning max el	-2549 Sep 18 j 18:38	15°♌48'40	19°00'21
	-2549 Sep 29 j 08:30	0°♍	
morning set	-2549 Oct 10 j 20:20	17°♍57'59	
	-2549 Oct 18 j 11:49	0°♎	
desc. node	-2549 Oct 20 j 08:22	2°♎55'08	
max. Earth dist.	-2549 Oct 25 j 21:43	11°♎39'50	1.44784 AU
superior conj	-2549 Oct 27 j 08:10	13°♎55'43	0°-43'-53
minimum elong	-2549 Oct 27 j 02:39	13°♎33'56	0°43'13
	-2549 Nov 06 j 10:24	0°♏	
evening rise	-2549 Nov 11 j 17:09	8°♏32'27	
	-2549 Nov 25 j 02:50	0°♐	
evening max el	-2549 Dec 02 j 04:14	9°♐13'59	18°42'14
asc. node	-2549 Dec 05 j 20:45	12°♐10'16	
retrograde	-2549 Dec 08 j 21:16	12°♐59'51	
evening set	-2549 Dec 11 j 22:01	12°♐07'47	
inferior conj	-2549 Dec 17 j 19:18	6°♐26'00	3°21'16
minimum elong	-2549 Dec 17 j 16:23	6°♐34'48	3°20'34
min. Earth dist.	-2549 Dec 19 j 14:38	4°♐15'40	0.64948 AU
morning rise	-2549 Dec 23 j 09:38	0°♐18'28	
	-2549 Dec 23 j 18:31	30°℞♏	
direct	-2549 Dec 30 j 02:49	27°♏27'57	
	-2548 Jan 06 j 05:49	0°♐	
morning max el	-2548 Jan 12 j 08:23	5°♐07'19	27°03'21
desc. node	-2548 Jan 16 j 07:42	9°♐24'08	
	-2548 Jan 31 j 09:33	0°♑	
morning set	-2548 Feb 16 j 22:22	28°♑43'36	
	-2548 Feb 17 j 14:08	0°♒	
max. Earth dist.	-2548 Feb 21 j 13:20	7°♒53'40	1.34185 AU
superior conj	-2548 Feb 25 j 05:36	15°♒29'31	-1°-4'-27
minimum elong	-2548 Feb 25 j 08:24	15°♒44'14	1°04'02
asc. node	-2548 Mar 02 j 20:06	29°♒25'50	
	-2548 Mar 03 j 02:38	0°♓	

evening rise	-2548 Mar 03 j 16:08	1°♓10'27	
	-2548 Mar 20 j 11:50	0°♈	
evening max el	-2548 Mar 23 j 23:43	3°♈47'13	21°39'12
retrograde	-2548 Apr 05 j 05:51	9°♈43'26	
evening set	-2548 Apr 07 j 19:58	9°♈28'20	
desc. node	-2548 Apr 13 j 06:44	7°♈31'51	
inferior conj	-2548 Apr 17 j 04:17	5°♈26'07	-1°-5'-18
minimum elong	-2548 Apr 17 j 01:14	5°♈30'23	1°04'16
min. Earth dist.	-2548 Apr 17 j 03:15	5°♈27'34	0.55115 AU
morning rise	-2548 Apr 26 j 07:10	1°♈26'32	
direct	-2548 Apr 29 j 05:11	1°♈07'49	
morning max el	-2548 May 11 j 13:07	6°♈58'12	21°51'44
	-2548 May 27 j 09:38	0°♉	
asc. node	-2548 May 29 j 19:33	4°♉43'25	
morning set	-2548 Jun 01 j 09:22	9°♉58'41	
superior conj	-2548 Jun 08 j 18:04	25°♉27'38	1°27'35
minimum elong	-2548 Jun 08 j 15:29	25°♉14'08	1°27'20
	-2548 Jun 10 j 22:31	0°♊	
max. Earth dist.	-2548 Jun 12 j 05:33	2°♊38'48	1.34770 AU
evening rise	-2548 Jun 16 j 21:57	11°♊55'55	
	-2548 Jun 26 j 22:29	0°♋	
desc. node	-2548 Jul 10 j 05:55	20°♋12'56	
	-2548 Jul 18 j 02:59	0°♌	
evening max el	-2548 Jul 21 j 22:31	3°♌58'55	26°57'07
retrograde	-2548 Aug 04 j 02:26	11°♌18'15	
evening set	-2548 Aug 10 j 22:04	8°♌31'50	
min. Earth dist.	-2548 Aug 14 j 19:45	4°♌36'49	0.65421 AU
inferior conj	-2548 Aug 16 j 17:17	2°♌24'43	-2°-49'-30
minimum elong	-2548 Aug 16 j 21:04	2°♌13'44	2°48'13
	-2548 Aug 18 j 20:57	30°℞♋	
morning rise	-2548 Aug 22 j 21:21	26°♋44'21	
direct	-2548 Aug 25 j 16:57	26°♋00'45	
asc. node	-2548 Aug 25 j 18:46	26°♋00'47	
morning max el	-2548 Sep 01 j 07:05	29°♋36'49	18°21'20
	-2548 Sep 01 j 16:04	0°♌	
morning set	-2548 Sep 20 j 10:12	28°♌14'10	
	-2548 Sep 21 j 12:04	0°♍	
superior conj	-2548 Oct 05 j 08:20	22°♍16'06	0°05'39
minimum elong	-2548 Oct 05 j 09:04	22°♍19'00	0°05'34
behind sun begin	-2548 Oct 04 j 22:29	21°♍37'07	
behind sun end	-2548 Oct 05 j 19:39	23°♍00'51	
desc. node	-2548 Oct 06 j 05:22	23°♍39'13	
max. Earth dist.	-2548 Oct 07 j 16:14	25°♍56'50	1.44835 AU
	-2548 Oct 10 j 06:02	0°♎	
evening rise	-2548 Oct 21 j 21:26	18°♎14'46	
	-2548 Oct 29 j 09:55	0°♏	
greatest brilliancy	-2548 Nov 05 j 08:32	10°♏36'27	-0.7m
evening max el	-2548 Nov 14 j 12:51	22°♏39'57	19°25'31
retrograde	-2548 Nov 21 j 17:30	26°♏49'32	
asc. node	-2548 Nov 21 j 17:51	26°♏49'32	
evening set	-2548 Nov 25 j 01:08	25°♏45'11	
inferior conj	-2548 Nov 30 j 16:47	19°♏48'25	2°44'43
minimum elong	-2548 Nov 30 j 13:48	19°♏58'02	2°43'46
min. Earth dist.	-2548 Dec 01 j 22:08	18°♏13'44	0.66100 AU
morning rise	-2548 Dec 06 j 01:41	13°♏35'19	
direct	-2548 Dec 12 j 06:35	10°♏52'43	
morning max el	-2548 Dec 24 j 17:58	18°♏14'01	26°01'19
desc. node	-2547 Jan 02 j 04:45	28°♏00'57	
	-2547 Jan 03 j 17:15	0°♐	
	-2547 Jan 23 j 09:18	0°♑	
morning set	-2547 Jan 29 j 22:17	11°♑39'32	
max. Earth dist.	-2547 Feb 02 j 22:17	19°♑13'43	1.35603 AU
superior conj	-2547 Feb 08 j 01:57	29°♑26'37	-1°-26'-52
minimum elong	-2547 Feb 08 j 05:19	29°♑43'42	1°26'30

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2547 Feb 08 j 08:32	0°♒	
evening rise	-2547 Feb 15 j 23:09	15°♒38'41	
asc. node	-2547 Feb 17 j 17:09	19°♒11'38	
	-2547 Feb 23 j 09:08	0°♓	
evening max el	-2547 Mar 06 j 05:35	15°♓05'27	20°19'12
retrograde	-2547 Mar 16 j 20:29	20°♓09'20	
evening set	-2547 Mar 19 j 02:10	19°♓56'49	
inferior conj	-2547 Mar 28 j 00:58	15°♓58'24	0°51'58
minimum elong	-2547 Mar 28 j 03:15	15°♓55'01	0°51'10
min. Earth dist.	-2547 Mar 29 j 17:26	14°♓58'37	0.55418 AU
desc. node	-2547 Mar 31 j 03:49	14°♓09'26	
morning rise	-2547 Apr 06 j 02:00	11°♓36'59	
direct	-2547 Apr 09 j 18:26	11°♓07'21	
morning max el	-2547 Apr 23 j 08:10	17°♓47'33	23°29'43
	-2547 May 03 j 05:52	0°♈	
morning set	-2547 May 16 j 20:58	24°♈57'51	
asc. node	-2547 May 16 j 16:36	24°♈35'02	
	-2547 May 19 j 06:01	0°♉	
superior conj	-2547 May 24 j 00:24	10°♉14'23	1°09'59
minimum elong	-2547 May 23 j 21:53	10°♉00'55	1°09'37
max. Earth dist.	-2547 May 26 j 05:57	14°♉59'33	1.33663 AU
evening rise	-2547 May 31 j 14:41	26°♉02'06	
	-2547 Jun 02 j 15:02	0°♊	
	-2547 Jun 20 j 07:51	0°♋	
desc. node	-2547 Jun 27 j 02:58	9°♋09'14	
evening max el	-2547 Jul 04 j 09:26	17°♋11'58	27°23'09
retrograde	-2547 Jul 17 j 23:34	24°♋34'46	
evening set	-2547 Jul 25 j 02:41	21°♋51'57	
min. Earth dist.	-2547 Jul 28 j 18:27	18°♋32'22	0.64016 AU
inferior conj	-2547 Jul 31 j 05:41	15°♋56'09	-3°-34'-10
minimum elong	-2547 Jul 31 j 09:48	15°♋45'14	3°33'07
morning rise	-2547 Aug 06 j 18:47	10°♋32'32	
direct	-2547 Aug 09 j 09:28	9°♋58'07	
asc. node	-2547 Aug 12 j 15:51	10°♋52'02	
morning max el	-2547 Aug 15 j 22:05	13°♋24'33	17°59'33
	-2547 Aug 27 j 09:24	0°♌	
morning set	-2547 Sep 02 j 02:51	9°♌47'31	
	-2547 Sep 14 j 03:07	0°♍	
superior conj	-2547 Sep 15 j 00:10	1°♍26'03	0°50'46
minimum elong	-2547 Sep 15 j 05:14	1°♍46'43	0°50'10
max. Earth dist.	-2547 Sep 20 j 09:02	10°♍05'38	1.44172 AU
desc. node	-2547 Sep 23 j 02:22	14°♍24'51	
evening rise	-2547 Oct 01 j 06:41	27°♍10'26	
	-2547 Oct 03 j 02:43	0°♎	
greatest brilliancy	-2547 Oct 22 j 06:59	28°♎20'40	-0.6m
	-2547 Oct 23 j 12:53	0°♏	
evening max el	-2547 Oct 28 j 16:27	6°♏06'28	20°23'51
retrograde	-2547 Nov 05 j 14:55	10°♏47'01	
asc. node	-2547 Nov 08 j 14:56	9°♏55'04	
evening set	-2547 Nov 09 j 07:37	9°♏27'59	
inferior conj	-2547 Nov 14 j 19:24	3°♏19'42	2°00'50
minimum elong	-2547 Nov 14 j 16:55	3°♏28'04	1°59'53
min. Earth dist.	-2547 Nov 15 j 12:23	2°♏22'22	0.66896 AU
	-2547 Nov 17 j 08:07	30°℞♎	
morning rise	-2547 Nov 20 j 01:41	27°♎03'33	
direct	-2547 Nov 25 j 15:52	24°♎37'26	
	-2547 Dec 05 j 14:48	0°♏	
morning max el	-2547 Dec 07 j 02:31	1°♏26'42	24°41'57
desc. node	-2547 Dec 20 j 01:48	17°♏20'00	
	-2547 Dec 28 j 18:26	0°♐	
morning set	-2546 Jan 12 j 02:55	23°♐33'26	
	-2546 Jan 15 j 17:07	0°♑	
max. Earth dist.	-2546 Jan 15 j 20:48	0°♑16'47	1.37428 AU
superior conj	-2546 Jan 22 j 11:57	12°♑48'01	-1°-44'-56
minimum elong	-2546 Jan 22 j 15:03	13°♑03'04	1°44'45
evening rise	-2546 Jan 31 j 00:38	29°♑43'57	
	-2546 Jan 31 j 03:51	0°♒	
asc. node	-2546 Feb 04 j 14:11	8°♒38'01	
evening max el	-2546 Feb 16 j 22:18	27°♒00'35	19°16'58
	-2546 Feb 20 j 22:47	0°♓	
retrograde	-2546 Feb 25 j 21:44	1°♓17'45	
evening set	-2546 Feb 28 j 04:40	1°♓02'15	
	-2546 Mar 03 j 04:25	30°℞♒	
inferior conj	-2546 Mar 08 j 10:49	26°♒52'53	2°28'46
minimum elong	-2546 Mar 08 j 15:35	26°♒44'53	2°27'25
min. Earth dist.	-2546 Mar 11 j 08:39	24°♒56'39	0.56597 AU
morning rise	-2546 Mar 16 j 22:37	22°♒00'35	
desc. node	-2546 Mar 18 j 00:54	21°♒39'04	
direct	-2546 Mar 21 j 19:04	21°♒06'12	
morning max el	-2546 Apr 04 j 23:03	28°♒20'53	25°07'41
	-2546 Apr 06 j 14:30	0°♓	
	-2546 Apr 26 j 10:48	0°♈	
morning set	-2546 May 01 j 09:06	9°♈59'08	
asc. node	-2546 May 03 j 13:37	14°♈38'17	
superior conj	-2546 May 08 j 10:15	25°♈11'23	0°49'02
minimum elong	-2546 May 08 j 08:16	25°♈00'36	0°48'41
max. Earth dist.	-2546 May 09 j 14:01	27°♈42'08	1.32932 AU
	-2546 May 10 j 15:31	0°♉	
evening rise	-2546 May 15 j 15:52	10°♉33'46	
	-2546 May 25 j 22:01	0°♊	
desc. node	-2546 Jun 14 j 00:00	27°♊09'33	
evening max el	-2546 Jun 16 j 17:42	29°♊56'39	27°18'43
	-2546 Jun 16 j 19:07	0°♋	
retrograde	-2546 Jun 30 j 14:21	7°♋17'55	
evening set	-2546 Jul 07 j 17:08	4°♋52'37	
min. Earth dist.	-2546 Jul 11 j 07:15	2°♋00'02	0.62261 AU
	-2546 Jul 13 j 10:35	30°℞♊	
inferior conj	-2546 Jul 14 j 07:10	29°♊11'09	-4°-9'-1
minimum elong	-2546 Jul 14 j 10:33	29°♊03'10	4°08'28
morning rise	-2546 Jul 21 j 06:30	24°♊07'10	
direct	-2546 Jul 23 j 18:35	23°♊39'16	
morning max el	-2546 Jul 30 j 12:49	27°♊04'41	17°55'59
asc. node	-2546 Jul 30 j 12:55	27°♊04'53	
	-2546 Aug 02 j 02:54	0°♋	
morning set	-2546 Aug 15 j 16:57	22°♋22'32	
	-2546 Aug 19 j 23:00	0°♌	
superior conj	-2546 Aug 26 j 18:51	11°♌55'46	1°23'19
minimum elong	-2546 Aug 26 j 23:56	12°♌17'31	1°22'53
max. Earth dist.	-2546 Sep 02 j 21:54	23°♌50'33	1.42881 AU
	-2546 Sep 06 j 17:23	0°♍	
desc. node	-2546 Sep 09 j 23:23	5°♍08'42	
evening rise	-2546 Sep 10 j 12:55	6°♍01'43	
	-2546 Sep 26 j 11:13	0°♎	
greatest brilliancy	-2546 Oct 06 j 14:24	13°♎49'29	-0.4m
evening max el	-2546 Oct 11 j 14:08	19°♎33'17	21°34'17
retrograde	-2546 Oct 20 j 11:29	24°♎50'00	
evening set	-2546 Oct 24 j 15:29	23°♎13'49	
asc. node	-2546 Oct 26 j 11:59	21°♎29'11	
inferior conj	-2546 Oct 30 j 01:01	16°♎57'31	1°11'51
minimum elong	-2546 Oct 29 j 23:25	17°♎03'01	1°11'10
min. Earth dist.	-2546 Oct 30 j 06:55	16°♎37'09	0.67359 AU
morning rise	-2546 Nov 04 j 07:03	10°♎41'03	
direct	-2546 Nov 09 j 05:53	8°♎36'00	
morning max el	-2546 Nov 19 j 11:45	14°♎42'30	23°15'18
greatest brilliancy	-2546 Nov 24 j 16:53	20°♎34'45	-0.3m
	-2546 Dec 01 j 21:43	0°♏	
desc. node	-2546 Dec 06 j 22:49	7°♏09'16	
	-2546 Dec 21 j 17:48	0°♐	
morning set	-2546 Dec 24 j 06:02	4°♐09'08	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2546 Dec 28 j 16:03	11°♐40'38	1.39501 AU
superior conj	-2545 Jan 05 j 07:25	25°♐22'47	-1°-55'-51
minimum elong	-2545 Jan 05 j 08:54	25°♐29'36	1°55'53
	-2545 Jan 07 j 18:47	0°♑	
evening rise	-2545 Jan 14 j 17:53	13°♑19'34	
asc. node	-2545 Jan 22 j 11:13	27°♑38'17	
	-2545 Jan 23 j 21:02	0°♒	
evening max el	-2545 Jan 31 j 00:11	9°♒28'41	18°34'25
retrograde	-2545 Feb 07 j 17:08	13°♒14'09	
evening set	-2545 Feb 10 j 03:47	12°♒52'49	
inferior conj	-2545 Feb 17 j 16:40	8°♒23'54	3°29'28
minimum elong	-2545 Feb 17 j 20:18	8°♒16'48	3°28'49
min. Earth dist.	-2545 Feb 21 j 02:07	5°♒46'23	0.58380 AU
morning rise	-2545 Feb 25 j 09:08	3°♒03'58	
direct	-2545 Mar 03 j 08:53	1°♒33'23	
desc. node	-2545 Mar 04 j 21:57	1°♒39'22	
morning max el	-2545 Mar 17 j 15:50	9°♒06'19	26°30'43
	-2545 Apr 02 j 12:17	0°♓	
morning set	-2545 Apr 15 j 20:09	24°♓56'48	
	-2545 Apr 18 j 05:19	0°♈	
asc. node	-2545 Apr 20 j 10:38	4°♈48'34	
superior conj	-2545 Apr 22 j 21:47	10°♈12'06	0°25'41
minimum elong	-2545 Apr 22 j 20:40	10°♈05'59	0°25'27
max. Earth dist.	-2545 Apr 23 j 02:32	10°♈38'11	1.32556 AU
evening rise	-2545 Apr 29 j 22:41	25°♈21'30	
	-2545 May 02 j 04:58	0°♉	
	-2545 May 19 j 17:08	0°♊	
evening max el	-2545 May 29 j 20:49	12°♊01'47	26°41'17
desc. node	-2545 May 31 j 21:02	13°♊50'29	
retrograde	-2545 Jun 12 j 21:15	19°♊19'28	
evening set	-2545 Jun 19 j 13:02	17°♊24'57	
min. Earth dist.	-2545 Jun 23 j 10:14	14°♊45'08	0.60267 AU
inferior conj	-2545 Jun 26 j 18:16	12°♊01'01	-4°-27'-33
minimum elong	-2545 Jun 26 j 19:21	11°♊58'47	4°27'28
morning rise	-2545 Jul 04 j 04:54	7°♊19'00	
direct	-2545 Jul 06 j 16:20	6°♊55'45	
morning max el	-2545 Jul 14 j 00:25	10°♊29'49	18°11'39
asc. node	-2545 Jul 17 j 09:57	14°♊23'55	
	-2545 Jul 26 j 21:12	0°♋	
morning set	-2545 Jul 29 j 22:55	5°♋44'02	
superior conj	-2545 Aug 08 j 15:42	23°♋43'22	1°41'55
minimum elong	-2545 Aug 08 j 18:33	23°♋56'11	1°41'49
	-2545 Aug 12 j 04:27	0°♌	
max. Earth dist.	-2545 Aug 16 j 05:32	6°♌58'13	1.41135 AU
evening rise	-2545 Aug 21 j 10:45	15°♌37'38	
desc. node	-2545 Aug 27 j 20:23	25°♌46'58	
	-2545 Aug 30 j 14:21	0°♍	
greatest brilliancy	-2545 Sep 19 j 05:52	27°♍23'37	-0.3m
	-2545 Sep 21 j 11:03	0°♎	
evening max el	-2545 Sep 24 j 06:12	3°♎00'29	22°52'36
retrograde	-2545 Oct 04 j 05:41	8°♎55'30	
evening set	-2545 Oct 08 j 22:59	7°♎00'21	
asc. node	-2545 Oct 13 j 09:03	1°♎57'25	
inferior conj	-2545 Oct 14 j 07:45	0°♎39'29	0°19'32
minimum elong	-2545 Oct 14 j 07:18	0°♎41'05	0°19'20
min. Earth dist.	-2545 Oct 14 j 03:15	0°♎55'02	0.67511 AU
	-2545 Oct 14 j 19:14	30°℞♍	
morning rise	-2545 Oct 19 j 15:34	24°♍25'31	
direct	-2545 Oct 23 j 23:43	22°♍42'42	
morning max el	-2545 Nov 02 j 01:06	28°♍03'59	21°50'20
	-2545 Nov 03 j 20:37	0°♎	
greatest brilliancy	-2545 Nov 06 j 22:11	3°♎37'12	-0.4m
desc. node	-2545 Nov 23 j 19:50	27°♎19'40	
	-2545 Nov 25 j 14:16	0°♏	
morning set	-2545 Dec 04 j 04:05	13°♏20'39	
max. Earth dist.	-2545 Dec 10 j 15:52	23°♏54'45	1.41543 AU
	-2545 Dec 14 j 06:37	0°♐	
superior conj	-2545 Dec 18 j 07:01	6°♐56'48	-1°-56'-1
minimum elong	-2545 Dec 18 j 05:10	6°♐48'44	1°56'03
evening rise	-2545 Dec 28 j 23:36	26°♐17'36	
	-2545 Dec 30 j 23:54	0°♑	
asc. node	-2544 Jan 09 j 08:15	16°♑03'31	
evening max el	-2544 Jan 14 j 08:25	22°♑21'02	18°11'54
retrograde	-2544 Jan 21 j 06:31	25°♑50'48	
evening set	-2544 Jan 23 j 20:27	25°♑22'22	
inferior conj	-2544 Jan 30 j 18:36	20°♑31'21	3°55'51
minimum elong	-2544 Jan 30 j 19:39	20°♑28'59	3°55'44
min. Earth dist.	-2544 Feb 03 j 00:54	17°♑35'21	0.60412 AU
morning rise	-2544 Feb 06 j 15:58	14°♑51'12	
direct	-2544 Feb 13 j 09:53	12°♑43'07	
desc. node	-2544 Feb 19 j 19:00	14°♑27'16	
morning max el	-2544 Feb 27 j 14:30	20°♑25'37	27°25'30
	-2544 Mar 06 j 20:53	0°♒	
	-2544 Mar 25 j 07:23	0°♓	
morning set	-2544 Mar 30 j 04:19	9°♓44'01	
max. Earth dist.	-2544 Apr 05 j 15:39	23°♓33'49	1.32516 AU
superior conj	-2544 Apr 06 j 09:18	25°♓10'19	0°00'44
minimum elong	-2544 Apr 06 j 09:17	25°♓10'09	0°00'43
behind sun begin	-2544 Apr 06 j 04:15	24°♓42'42	
behind sun end	-2544 Apr 06 j 14:18	25°♓37'37	
asc. node	-2544 Apr 06 j 07:39	25°♓01'16	
	-2544 Apr 08 j 14:15	0°♈	
evening rise	-2544 Apr 13 j 08:52	10°♈16'55	
	-2544 Apr 23 j 13:40	0°♉	
evening max el	-2544 May 10 j 17:17	23°♉23'18	25°33'53
desc. node	-2544 May 17 j 18:02	28°♉40'40	
	-2544 May 20 j 21:58	0°♊	
retrograde	-2544 May 24 j 18:47	0°♊35'27	
	-2544 May 28 j 15:10	30°℞♉	
evening set	-2544 May 30 j 11:05	29°♉19'11	
min. Earth dist.	-2544 Jun 04 j 05:26	26°♉34'46	0.58235 AU
inferior conj	-2544 Jun 07 j 11:26	24°♉16'23	-4°-20'-19
minimum elong	-2544 Jun 07 j 08:45	24°♉21'11	4°20'02
morning rise	-2544 Jun 15 j 10:21	19°♉56'47	
direct	-2544 Jun 17 j 22:17	19°♉37'09	
morning max el	-2544 Jun 26 j 06:04	23°♉32'11	18°47'28
	-2544 Jul 01 j 14:19	0°♊	
asc. node	-2544 Jul 03 j 07:00	2°♊35'06	
morning set	-2544 Jul 12 j 16:23	19°♊41'03	
	-2544 Jul 17 j 23:08	0°♋	
superior conj	-2544 Jul 21 j 09:28	6°♋34'57	1°48'30
minimum elong	-2544 Jul 21 j 09:52	6°♋36'53	1°48'33
max. Earth dist.	-2544 Jul 28 j 08:36	19°♋22'42	1.39171 AU
evening rise	-2544 Aug 01 j 09:43	26°♋25'40	
	-2544 Aug 03 j 12:27	0°♌	
desc. node	-2544 Aug 13 j 17:23	16°♌15'49	
	-2544 Aug 23 j 05:06	0°♍	
evening max el	-2544 Sep 05 j 18:27	16°♍30'04	24°12'56
retrograde	-2544 Sep 16 j 20:31	23°♍00'48	
evening set	-2544 Sep 22 j 04:28	20°♍46'27	
min. Earth dist.	-2544 Sep 26 j 23:05	15°♍14'50	0.67353 AU
inferior conj	-2544 Sep 27 j 13:57	14°♍24'38	0°-34'-27
minimum elong	-2544 Sep 27 j 14:47	14°♍21'51	0°34'06
asc. node	-2544 Sep 29 j 06:07	12°♍11'50	
morning rise	-2544 Oct 03 j 01:21	8°♍15'59	
direct	-2544 Oct 06 j 20:22	6°♍53'53	
morning max el	-2544 Oct 14 j 21:17	11°♍34'56	20°33'49
greatest brilliancy	-2544 Oct 21 j 03:43	19°♍03'59	-0.5m

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2544 Oct 28 j 22:06	0°♎	
desc. node	-2544 Nov 09 j 16:52	17°♎45'22	
morning set	-2544 Nov 12 j 04:41	21°♎36'29	
	-2544 Nov 17 j 13:14	0°♏	
max. Earth dist.	-2544 Nov 21 j 23:04	7°♏02'37	1.43258 AU
superior conj	-2544 Nov 28 j 05:21	17°♏18'01	-1°-41'-20
minimum elong	-2544 Nov 27 j 23:24	16°♏53'20	1°40'58
	-2544 Dec 05 j 16:51	0°♐	
evening rise	-2544 Dec 10 j 13:51	8°♐30'36	
	-2544 Dec 23 j 09:35	0°♑	
asc. node	-2544 Dec 26 j 05:17	3°♑43'37	
evening max el	-2544 Dec 27 j 20:10	5°♑30'26	18°08'59
retrograde	-2543 Jan 03 j 09:46	8°♑58'03	
evening set	-2543 Jan 06 j 03:01	8°♑21'37	
inferior conj	-2543 Jan 12 j 13:28	3°♑09'19	3°56'02
minimum elong	-2543 Jan 12 j 12:16	3°♑12'26	3°55'54
min. Earth dist.	-2543 Jan 15 j 08:15	0°♑17'59	0.62390 AU
	-2543 Jan 15 j 15:34	30°℞♐	
morning rise	-2543 Jan 18 j 19:27	27°♐15'18	
direct	-2543 Jan 25 j 20:15	24°♐38'54	
desc. node	-2543 Feb 05 j 16:05	29°♐35'16	
	-2543 Feb 06 j 03:50	0°♑	
morning max el	-2543 Feb 08 j 19:17	2°♑26'15	27°44'29
	-2543 Mar 01 j 04:25	0°♒	
morning set	-2543 Mar 14 j 07:31	24°♒13'21	
	-2543 Mar 17 j 02:47	0°♓	
max. Earth dist.	-2543 Mar 20 j 01:22	6°♓14'33	1.32836 AU
superior conj	-2543 Mar 21 j 19:12	10°♓00'07	0°-24'-57
minimum elong	-2543 Mar 21 j 20:20	10°♓06'19	0°24'45
asc. node	-2543 Mar 24 j 04:41	15°♓12'08	
evening rise	-2543 Mar 28 j 20:31	25°♓12'58	
	-2543 Mar 31 j 03:46	0°♈	
	-2543 Apr 18 j 11:12	0°♉	
evening max el	-2543 Apr 22 j 09:00	4°♉11'20	24°05'57
desc. node	-2543 May 04 j 15:06	11°♉02'44	
retrograde	-2543 May 06 j 05:00	11°♉08'27	
evening set	-2543 May 10 j 12:36	10°♉26'55	
min. Earth dist.	-2543 May 16 j 20:26	7°♉22'40	0.56481 AU
inferior conj	-2543 May 19 j 08:26	5°♉49'25	-3°-36'-8
minimum elong	-2543 May 19 j 02:26	5°♉58'49	3°34'50
morning rise	-2543 May 27 j 20:12	1°♉47'37	
direct	-2543 May 30 j 09:00	1°♉30'43	
morning max el	-2543 Jun 09 j 03:00	6°♉01'44	19°43'57
asc. node	-2543 Jun 20 j 04:04	21°♉25'39	
	-2543 Jun 24 j 16:57	0°♊	
morning set	-2543 Jun 26 j 17:57	4°♊04'00	
superior conj	-2543 Jul 04 j 18:30	20°♊13'46	1°45'41
minimum elong	-2543 Jul 04 j 17:07	20°♊06'58	1°45'42
	-2543 Jul 09 j 19:30	0°♋	
max. Earth dist.	-2543 Jul 10 j 11:27	1°♋15'04	1.37248 AU
evening rise	-2543 Jul 14 j 09:18	8°♋25'59	
	-2543 Jul 27 j 07:14	0°♌	
desc. node	-2543 Jul 31 j 14:23	6°♌29'29	
evening max el	-2543 Aug 19 j 05:19	0°♍02'22	25°28'13
	-2543 Aug 19 j 04:21	0°♍	
retrograde	-2543 Aug 31 j 07:10	7°♍00'38	
evening set	-2543 Sep 06 j 06:04	4°♍29'20	
	-2543 Sep 10 j 07:53	30°℞♌	
min. Earth dist.	-2543 Sep 10 j 16:02	29°♌33'53	0.66877 AU
inferior conj	-2543 Sep 11 j 17:52	28°♌10'15	-1°-28'-34
minimum elong	-2543 Sep 11 j 19:59	28°♌03'22	1°27'41
asc. node	-2543 Sep 16 j 03:13	23°♌09'27	
morning rise	-2543 Sep 17 j 10:31	22°♌09'53	
direct	-2543 Sep 20 j 18:32	21°♌05'30	
morning max el	-2543 Sep 28 j 00:51	25°♌14'34	19°30'03
	-2543 Oct 02 j 02:32	0°♍	
greatest brilliancy	-2543 Oct 07 j 02:15	6°♍54'19	-0.7m
morning set	-2543 Oct 22 j 05:18	29°♍59'47	
	-2543 Oct 22 j 05:22	0°♎	
desc. node	-2543 Oct 27 j 13:54	8°♎21'03	
max. Earth dist.	-2543 Nov 04 j 12:31	20°♎50'20	1.44419 AU
superior conj	-2543 Nov 08 j 00:37	26°♎24'51	-1°-9'-16
minimum elong	-2543 Nov 07 j 17:15	25°♎55'27	1°08'30
	-2543 Nov 10 j 06:16	0°♏	
evening rise	-2543 Nov 22 j 08:01	19°♏49'10	
	-2543 Nov 28 j 10:12	0°♐	
evening max el	-2543 Dec 11 j 08:43	18°♐50'37	18°25'01
asc. node	-2543 Dec 13 j 02:19	20°♐25'41	
retrograde	-2543 Dec 17 j 22:24	22°♐27'02	
evening set	-2543 Dec 20 j 19:57	21°♐41'18	
inferior conj	-2543 Dec 26 j 21:23	16°♐09'47	3°37'50
minimum elong	-2543 Dec 26 j 18:50	16°♐17'06	3°37'20
min. Earth dist.	-2543 Dec 29 j 01:27	13°♐40'57	0.64111 AU
morning rise	-2542 Jan 01 j 16:17	10°♐06'18	
direct	-2542 Jan 08 j 14:26	7°♐16'19	
morning max el	-2542 Jan 22 j 03:52	15°♐01'56	27°27'31
desc. node	-2542 Jan 23 j 13:11	16°♐27'11	
	-2542 Feb 03 j 10:58	0°♑	
	-2542 Feb 21 j 19:32	0°♒	
morning set	-2542 Feb 26 j 03:06	8°♒16'07	
max. Earth dist.	-2542 Mar 03 j 03:42	18°♒27'35	1.33560 AU
superior conj	-2542 Mar 06 j 01:39	24°♒35'43	0°-50'-23
minimum elong	-2542 Mar 06 j 03:55	24°♒47'47	0°50'00
	-2542 Mar 08 j 14:24	0°♓	
asc. node	-2542 Mar 11 j 01:42	5°♓17'12	
evening rise	-2542 Mar 13 j 07:51	10°♓03'34	
	-2542 Mar 23 j 18:53	0°♈	
evening max el	-2542 Apr 04 j 01:51	14°♈52'10	22°31'26
retrograde	-2542 Apr 17 j 02:36	21°♈15'24	
evening set	-2542 Apr 20 j 03:53	20°♈54'57	
desc. node	-2542 Apr 21 j 12:09	20°♈33'41	
min. Earth dist.	-2542 Apr 28 j 10:23	17°♈19'06	0.55362 AU
inferior conj	-2542 Apr 29 j 11:41	16°♈43'01	-2°-9'-54
minimum elong	-2542 Apr 29 j 06:10	16°♈50'53	2°08'09
morning rise	-2542 May 08 j 10:39	12°♈47'07	
direct	-2542 May 11 j 03:05	12°♈30'29	
morning max el	-2542 May 22 j 13:14	17°♈50'48	21°00'10
	-2542 Jun 01 j 00:35	0°♉	
asc. node	-2542 Jun 07 j 01:09	10°♉45'58	
morning set	-2542 Jun 11 j 01:02	18°♉45'58	
	-2542 Jun 16 j 10:46	0°♊	
superior conj	-2542 Jun 18 j 14:20	4°♊26'43	1°35'47
minimum elong	-2542 Jun 18 j 11:59	4°♊14'39	1°35'39
max. Earth dist.	-2542 Jun 22 j 20:37	13°♊03'28	1.35577 AU
evening rise	-2542 Jun 27 j 04:48	21°♊26'34	
	-2542 Jul 01 j 21:11	0°♋	
desc. node	-2542 Jul 18 j 11:23	26°♋21'04	
	-2542 Jul 21 j 03:06	0°♌	
evening max el	-2542 Aug 01 j 16:41	13°♌35'04	26°30'25
retrograde	-2542 Aug 14 j 12:54	20°♌49'32	
evening set	-2542 Aug 21 j 01:40	18°♌06'33	
min. Earth dist.	-2542 Aug 25 j 03:41	13°♌49'09	0.66059 AU
inferior conj	-2542 Aug 26 j 17:34	11°♌53'59	-2°-20'-57
minimum elong	-2542 Aug 26 j 20:51	11°♌44'00	2°19'44
morning rise	-2542 Sep 01 j 17:02	6°♌05'05	
asc. node	-2542 Sep 03 j 00:20	5°♌30'44	
direct	-2542 Sep 04 j 16:28	5°♌14'52	
morning max el	-2542 Sep 11 j 10:37	9°♌00'38	18°41'34

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2542 Sep 26 j 04:46	0°♍	
morning set	-2542 Oct 02 j 03:08	9°♍29'01	
desc. node	-2542 Oct 14 j 10:53	29°♍03'01	
	-2542 Oct 15 j 01:21	0°♎	
superior conj	-2542 Oct 18 j 01:54	4°♎45'44	0°-23'-8
minimum elong	-2542 Oct 17 j 22:51	4°♎33'41	0°22'45
max. Earth dist.	-2542 Oct 18 j 05:56	5°♎01'34	1.44899 AU
evening rise	-2542 Nov 03 j 02:16	0°♏06'18	
	-2542 Nov 03 j 00:41	0°♏	
	-2542 Nov 22 j 19:09	0°♐	
evening max el	-2542 Nov 24 j 19:29	2°♐15'56	18°58'47
asc. node	-2542 Nov 29 j 23:25	5°♐54'14	
retrograde	-2542 Dec 01 j 16:39	6°♐10'40	
evening set	-2542 Dec 04 j 20:06	5°♐13'43	
	-2542 Dec 10 j 03:37	30°℞♏	
inferior conj	-2542 Dec 10 j 14:46	29°♏25'28	3°06'49
minimum elong	-2542 Dec 10 j 11:44	29°♏34'52	3°05'59
min. Earth dist.	-2542 Dec 12 j 04:04	27°♏29'37	0.65485 AU
morning rise	-2542 Dec 16 j 02:25	23°♏15'24	
direct	-2542 Dec 22 j 14:59	20°♏26'36	
morning max el	-2541 Jan 04 j 13:24	27°♏59'53	26°39'39
	-2541 Jan 06 j 11:34	0°♐	
desc. node	-2541 Jan 10 j 10:15	4°♐32'13	
	-2541 Jan 28 j 04:15	0°♑	
morning set	-2541 Feb 09 j 11:25	21°♑39'56	
	-2541 Feb 13 j 18:15	0°♒	
max. Earth dist.	-2541 Feb 13 j 19:15	0°♒04'56	1.34729 AU
superior conj	-2541 Feb 18 j 02:25	8°♒49'05	-1°-14'-22
minimum elong	-2541 Feb 18 j 05:33	9°♒05'13	1°13'57
evening rise	-2541 Feb 25 j 16:58	24°♒41'36	
asc. node	-2541 Feb 25 j 22:44	25°♒11'20	
	-2541 Feb 28 j 07:27	0°♓	
evening max el	-2541 Mar 17 j 01:54	25°♓51'33	21°03'21
	-2541 Mar 22 j 19:12	0°♈	
retrograde	-2541 Mar 28 j 15:54	1°♈25'03	
evening set	-2541 Mar 31 j 00:50	1°♈11'57	
	-2541 Apr 03 j 21:56	30°℞♓	
desc. node	-2541 Apr 08 j 09:15	27°♓44'01	
inferior conj	-2541 Apr 09 j 06:34	27°♓13'56	0°-14'-57
minimum elong	-2541 Apr 09 j 05:51	27°♓14'55	0°14'43
transit middle	-2541 Apr 09 j 05:51	27°♓14'55	0°14'43
transit begin	-2541 Apr 09 j 04:20	27°♓17'04	
transit end	-2541 Apr 09 j 07:22	27°♓12'47	
min. Earth dist.	-2541 Apr 10 j 00:09	26°♓49'00	0.55130 AU
morning rise	-2541 Apr 18 j 10:06	23°♓06'53	
direct	-2541 Apr 21 j 14:44	22°♓44'43	
morning max el	-2541 May 04 j 12:47	28°♓57'42	22°32'29
	-2541 May 05 j 14:20	0°♈	
asc. node	-2541 May 24 j 22:11	0°♉27'38	
	-2541 May 24 j 16:46	0°♉	
morning set	-2541 May 26 j 11:29	3°♉40'08	
superior conj	-2541 Jun 02 j 17:33	19°♉02'56	1°20'35
minimum elong	-2541 Jun 02 j 14:56	18°♉49'05	1°20'17
max. Earth dist.	-2541 Jun 05 j 15:38	25°♉10'12	1.34256 AU
	-2541 Jun 08 j 00:16	0°♊	
evening rise	-2541 Jun 10 j 14:59	5°♊12'08	
	-2541 Jun 24 j 14:04	0°♋	
desc. node	-2541 Jul 05 j 08:24	15°♋41'04	
evening max el	-2541 Jul 15 j 04:24	26°♋59'19	27°11'42
	-2541 Jul 18 j 14:42	0°♌	
retrograde	-2541 Jul 28 j 13:10	4°♌20'13	
evening set	-2541 Aug 04 j 12:39	1°♌34'11	
	-2541 Aug 06 j 07:16	30°℞♋	
min. Earth dist.	-2541 Aug 08 j 07:39	27°♋54'38	0.64870 AU
inferior conj	-2541 Aug 10 j 10:51	25°♋31'37	-3°-9'-20
minimum elong	-2541 Aug 10 j 14:53	25°♋20'20	3°08'07
morning rise	-2541 Aug 16 j 18:34	19°♋57'41	
direct	-2541 Aug 19 j 11:52	19°♋18'14	
asc. node	-2541 Aug 20 j 21:26	19°♋28'40	
morning max el	-2541 Aug 26 j 00:25	22°♋49'08	18°09'51
	-2541 Aug 31 j 16:10	0°♌	
morning set	-2541 Sep 13 j 05:02	20°♌20'38	
	-2541 Sep 19 j 00:46	0°♍	
superior conj	-2541 Sep 27 j 06:28	13°♍21'12	0°25'58
minimum elong	-2541 Sep 27 j 09:34	13°♍33'36	0°25'35
max. Earth dist.	-2541 Oct 01 j 00:31	19°♍19'15	1.44644 AU
desc. node	-2541 Oct 01 j 07:53	19°♍48'22	
	-2541 Oct 07 j 19:39	0°♎	
evening rise	-2541 Oct 13 j 21:16	9°♎26'23	
	-2541 Oct 27 j 07:18	0°♏	
greatest brilliancy	-2541 Oct 31 j 09:09	5°♏57'30	-0.6m
evening max el	-2541 Nov 08 j 02:16	15°♏43'13	19°48'38
retrograde	-2541 Nov 15 j 13:35	20°♏04'39	
asc. node	-2541 Nov 16 j 20:30	19°♏55'05	
evening set	-2541 Nov 19 j 00:54	18°♏54'13	
inferior conj	-2541 Nov 24 j 14:43	12°♏52'13	2°26'51
minimum elong	-2541 Nov 24 j 11:53	13°♏01'31	2°25'51
min. Earth dist.	-2541 Nov 25 j 14:35	11°♏33'33	0.66489 AU
morning rise	-2541 Nov 29 j 22:13	6°♏37'46	
direct	-2541 Dec 05 j 21:08	4°♏01'28	
morning max el	-2541 Dec 17 j 22:23	11°♏09'50	25°29'03
desc. node	-2541 Dec 28 j 07:18	23°♏28'56	
	-2540 Jan 02 j 00:35	0°♐	
	-2540 Jan 20 j 19:43	0°♑	
morning set	-2540 Jan 23 j 03:48	4°♑11'03	
max. Earth dist.	-2540 Jan 26 j 23:23	11°♑14'56	1.36344 AU
superior conj	-2540 Feb 01 j 18:47	22°♑32'11	-1°-35'-13
minimum elong	-2540 Feb 01 j 22:10	22°♑49'03	1°34'54
	-2540 Feb 05 j 11:38	0°♒	
evening rise	-2540 Feb 09 j 21:54	9°♒00'51	
asc. node	-2540 Feb 12 j 19:45	14°♒49'34	
	-2540 Feb 21 j 11:10	0°♓	
evening max el	-2540 Feb 27 j 12:22	7°♓24'47	19°50'18
retrograde	-2540 Mar 08 j 09:29	12°♓07'13	
evening set	-2540 Mar 10 j 15:16	11°♓53'46	
inferior conj	-2540 Mar 19 j 07:22	7°♓51'52	1°37'00
minimum elong	-2540 Mar 19 j 11:13	7°♓45'54	1°35'45
min. Earth dist.	-2540 Mar 21 j 14:14	6°♓27'13	0.55832 AU
desc. node	-2540 Mar 25 j 06:20	4°♓26'14	
morning rise	-2540 Mar 28 j 04:02	3°♓18'04	
direct	-2540 Apr 01 j 07:52	2°♓39'44	
morning max el	-2540 Apr 15 j 05:07	9°♓35'53	24°12'18
	-2540 Apr 30 j 07:12	0°♈	
morning set	-2540 May 09 j 23:28	18°♈40'31	
asc. node	-2540 May 10 j 19:11	20°♈24'31	
	-2540 May 15 j 06:16	0°♉	
superior conj	-2540 May 17 j 01:34	3°♉54'10	1°01'26
minimum elong	-2540 May 16 j 23:13	3°♉41'33	1°01'04
max. Earth dist.	-2540 May 18 j 19:50	7°♉41'31	1.33309 AU
evening rise	-2540 May 24 j 11:39	19°♉29'46	
	-2540 May 29 j 21:17	0°♊	
	-2540 Jun 17 j 19:01	0°♋	
desc. node	-2540 Jun 21 j 05:27	4°♋15'36	
evening max el	-2540 Jun 26 j 14:31	10°♋01'37	27°25'16
retrograde	-2540 Jul 10 j 07:23	17°♋23'27	
evening set	-2540 Jul 17 j 11:42	14°♋46'17	
min. Earth dist.	-2540 Jul 21 j 02:02	11°♋39'48	0.63309 AU
inferior conj	-2540 Jul 23 j 18:58	8°♋56'37	-3°-50'-30

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2540 Jul	23 j 22:57	8°♋46'35	3°49'38
morning rise	-2540 Jul	30 j 12:17	3°♋41'03	
direct	-2540 Aug	02 j 01:43	3°♋09'34	
asc. node	-2540 Aug	06 j 18:29	4°♋56'10	
morning max el	-2540 Aug	08 j 15:37	6°♋34'07	17°55'50
	-2540 Aug	23 j 23:02	0°♌	
morning set	-2540 Aug	25 j 07:31	2°♌22'15	
superior conj	-2540 Sep	06 j 09:10	23°♌03'31	1°06'19
minimum elong	-2540 Sep	06 j 14:41	23°♌26'29	1°05'44
	-2540 Sep	10 j 14:30	0°♍	
max. Earth dist.	-2540 Sep	12 j 16:31	3°♍22'13	1.43692 AU
desc. node	-2540 Sep	17 j 04:52	10°♍33'32	
evening rise	-2540 Sep	22 j 02:53	18°♍14'13	
	-2540 Sep	29 j 19:46	0°♎	
greatest brilliancy	-2540 Oct	15 j 11:04	22°♎26'36	-0.5m
evening max el	-2540 Oct	21 j 03:22	29°♎09'48	20°52'25
	-2540 Oct	21 j 23:32	0°♏	
retrograde	-2540 Oct	29 j 10:54	4°♏05'11	
evening set	-2540 Nov	02 j 08:12	2°♏38'54	
asc. node	-2540 Nov	02 j 17:34	2°♏20'36	
	-2540 Nov	05 j 01:12	30°℞♎	
inferior conj	-2540 Nov	07 j 18:50	26°♎26'33	1°40'33
minimum elong	-2540 Nov	07 j 16:41	26°♎33'52	1°39'41
min. Earth dist.	-2540 Nov	08 j 06:52	25°♎45'26	0.67137 AU
morning rise	-2540 Nov	13 j 00:46	20°♎10'04	
direct	-2540 Nov	18 j 08:20	17°♎52'53	
morning max el	-2540 Nov	29 j 07:04	24°♎24'34	24°05'25
	-2540 Dec	04 j 07:31	0°♏	
desc. node	-2540 Dec	14 j 04:19	13°♏02'01	
	-2540 Dec	25 j 11:55	0°♐	
morning set	-2539 Jan	03 j 22:18	15°♐33'21	
max. Earth dist.	-2539 Jan	07 j 19:53	22°♐23'53	1.38301 AU
	-2539 Jan	11 j 23:58	0°♑	
superior conj	-2539 Jan	14 j 23:09	5°♑34'57	-1°-50'-38
minimum elong	-2539 Jan	15 j 01:45	5°♑47'21	1°50'33
evening rise	-2539 Jan	23 j 20:14	22°♑54'32	
	-2539 Jan	27 j 12:00	0°♒	
asc. node	-2539 Jan	29 j 16:47	4°♒05'53	
evening max el	-2539 Feb	09 j 09:08	19°♒34'14	18°56'20
retrograde	-2539 Feb	17 j 18:26	23°♒36'24	
evening set	-2539 Feb	20 j 02:46	23°♒18'43	
inferior conj	-2539 Feb	28 j 01:21	19°♒01'21	2°59'08
minimum elong	-2539 Feb	28 j 05:58	18°♒53'05	2°58'02
min. Earth dist.	-2539 Mar	03 j 06:04	16°♒45'14	0.57298 AU
morning rise	-2539 Mar	08 j 05:13	13°♒56'15	
desc. node	-2539 Mar	12 j 03:24	12°♒52'39	
direct	-2539 Mar	13 j 13:42	12°♒47'42	
morning max el	-2539 Mar	27 j 20:20	20°♒11'48	25°45'53
	-2539 Apr	05 j 05:30	0°♓	
	-2539 Apr	22 j 16:38	0°♈	
morning set	-2539 Apr	24 j 11:22	3°♈41'37	
asc. node	-2539 Apr	27 j 16:12	10°♈31'43	
superior conj	-2539 May	01 j 12:21	18°♈53'56	0°39'22
minimum elong	-2539 May	01 j 10:42	18°♈44'55	0°39'03
max. Earth dist.	-2539 May	02 j 06:16	20°♈31'44	1.32723 AU
	-2539 May	06 j 15:48	0°♉	
evening rise	-2539 May	08 j 15:31	4°♉09'29	
	-2539 May	22 j 15:15	0°♊	
desc. node	-2539 Jun	08 j 02:28	21°♊45'54	
evening max el	-2539 Jun	08 j 20:38	22°♊30'05	27°06'47
retrograde	-2539 Jun	22 j 19:04	29°♊50'36	
evening set	-2539 Jun	29 j 18:49	27°♊36'32	
min. Earth dist.	-2539 Jul	03 j 10:21	24°♊51'47	0.61430 AU
inferior conj	-2539 Jul	06 j 14:46	22°♊02'10	-4°-19'-25

minimum elong	-2539 Jul	06 j 17:23	21°♊56'18	4°19'05
morning rise	-2539 Jul	13 j 18:50	17°♊07'43	
direct	-2539 Jul	16 j 06:26	16°♊42'01	
morning max el	-2539 Jul	23 j 05:27	20°♊09'34	18°00'20
asc. node	-2539 Jul	24 j 15:31	21°♊39'24	
	-2539 Jul	30 j 13:26	0°♋	
morning set	-2539 Aug	08 j 04:57	15°♋18'41	
	-2539 Aug	16 j 07:12	0°♌	
superior conj	-2539 Aug	18 j 15:33	4°♌08'25	1°32'50
minimum elong	-2539 Aug	18 j 19:49	4°♌27'03	1°32'33
max. Earth dist.	-2539 Aug	26 j 03:01	16°♌52'03	1.42177 AU
evening rise	-2539 Sep	01 j 13:47	27°♌19'01	
	-2539 Sep	03 j 06:35	0°♍	
desc. node	-2539 Sep	04 j 01:52	1°♍15'30	
	-2539 Sep	23 j 14:46	0°♎	
greatest brilliancy	-2539 Sep	29 j 04:16	7°♎13'29	-0.3m
evening max el	-2539 Oct	03 j 22:24	12°♎36'11	22°06'49
retrograde	-2539 Oct	13 j 06:46	18°♎09'48	
evening set	-2539 Oct	17 j 16:09	16°♎25'41	
asc. node	-2539 Oct	20 j 14:38	13°♎22'17	
inferior conj	-2539 Oct	23 j 01:10	10°♎06'42	0°49'57
minimum elong	-2539 Oct	23 j 00:01	10°♎10'38	0°49'28
min. Earth dist.	-2539 Oct	23 j 02:33	10°♎01'53	0.67460 AU
morning rise	-2539 Oct	28 j 07:43	3°♎50'46	
direct	-2539 Nov	02 j 00:02	1°♎55'24	
morning max el	-2539 Nov	11 j 17:46	7°♎43'03	22°38'27
greatest brilliancy	-2539 Nov	16 j 10:28	12°♎59'28	-0.3m
	-2539 Nov	28 j 23:52	0°♏	
desc. node	-2539 Dec	01 j 01:21	3°♏01'13	
morning set	-2539 Dec	15 j 13:09	25°♏33'19	
	-2539 Dec	18 j 05:42	0°♐	
max. Earth dist.	-2539 Dec	20 j 16:07	4°♐06'08	1.40390 AU
superior conj	-2539 Dec	28 j 10:51	17°♐45'35	-1°-57'-29
minimum elong	-2539 Dec	28 j 11:07	17°♐46'47	1°57'34
	-2538 Jan	04 j 01:37	0°♑	
evening rise	-2538 Jan	07 j 09:03	6°♑15'23	
asc. node	-2538 Jan	16 j 13:49	22°♑52'43	
	-2538 Jan	21 j 12:59	0°♒	
evening max el	-2538 Jan	23 j 14:04	2°♒13'52	18°22'23
retrograde	-2538 Jan	30 j 21:50	5°♒50'59	
evening set	-2538 Feb	02 j 09:45	5°♒26'53	
inferior conj	-2538 Feb	09 j 16:03	0°♒48'55	3°44'24
minimum elong	-2538 Feb	09 j 18:37	0°♒43'33	3°44'03
	-2538 Feb	10 j 15:24	30°℞♑	
min. Earth dist.	-2538 Feb	13 j 01:45	28°♑00'09	0.59229 AU
morning rise	-2538 Feb	17 j 00:01	25°♑19'09	
direct	-2538 Feb	23 j 08:48	23°♑31'49	
desc. node	-2538 Feb	27 j 00:28	24°♑05'52	
	-2538 Mar	08 j 09:34	0°♒	
morning max el	-2538 Mar	09 j 15:30	1°♒10'35	26°58'06
	-2538 Mar	30 j 06:41	0°♓	
morning set	-2538 Apr	08 j 21:24	18°♓35'55	
	-2538 Apr	14 j 05:11	0°♈	
asc. node	-2538 Apr	14 j 13:12	0°♈43'48	
superior conj	-2538 Apr	16 j 00:05	3°♈54'43	0°15'15
minimum elong	-2538 Apr	15 j 23:24	3°♈51'00	0°15'06
behind sun begin	-2538 Apr	15 j 21:57	3°♈43'03	
behind sun end	-2538 Apr	16 j 00:51	3°♈58'57	
max. Earth dist.	-2538 Apr	15 j 19:20	3°♈28'40	1.32488 AU
evening rise	-2538 Apr	23 j 00:00	19°♈01'28	
	-2538 Apr	28 j 10:54	0°♉	
	-2538 May	17 j 19:44	0°♊	
evening max el	-2538 May	21 j 20:49	4°♊16'12	26°15'56
desc. node	-2538 May	25 j 23:30	7°♊44'14	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

retrograde	-2538 Jun 04 j 22:39	11°♊32'56	
evening set	-2538 Jun 11 j 05:42	9°♊54'19	
min. Earth dist.	-2538 Jun 15 j 09:50	7°♊14'29	0.59384 AU
inferior conj	-2538 Jun 18 j 18:37	4°♊38'27	-4°-28'-21
minimum elong	-2538 Jun 18 j 18:14	4°♊39'13	4°28'18
morning rise	-2538 Jun 26 j 10:23	0°♊06'13	
	-2538 Jun 26 j 19:52	30°℞♉	
direct	-2538 Jun 28 j 21:45	29°♉44'45	
	-2538 Jun 30 j 22:34	0°♊	
morning max el	-2538 Jul 06 j 14:55	3°♊26'27	18°24'23
asc. node	-2538 Jul 11 j 12:34	9°♊22'16	
morning set	-2538 Jul 22 j 16:16	28°♊56'12	
	-2538 Jul 23 j 05:37	0°♋	
superior conj	-2538 Jul 31 j 21:59	16°♋25'03	1°46'01
minimum elong	-2538 Jul 31 j 23:45	16°♋33'10	1°46'00
max. Earth dist.	-2538 Aug 08 j 07:47	29°♋38'36	1.40307 AU
	-2538 Aug 08 j 12:44	0°♌	
evening rise	-2538 Aug 12 j 21:48	7°♌24'01	
desc. node	-2538 Aug 21 j 22:51	21°♌50'17	
	-2538 Aug 27 j 09:04	0°♍	
evening max el	-2538 Sep 16 j 12:33	26°♍04'18	23°26'59
	-2538 Sep 21 j 01:53	0°♎	
retrograde	-2538 Sep 26 j 23:46	2°♎15'36	
evening set	-2538 Oct 01 j 23:02	0°♎12'27	
	-2538 Oct 02 j 04:50	30°℞♍	
inferior conj	-2538 Oct 07 j 07:56	23°♍50'41	0°-3'-13
minimum elong	-2538 Oct 07 j 08:00	23°♍50'26	0°03'12
transit middle	-2538 Oct 07 j 08:00	23°♍50'26	0°03'12
transit begin	-2538 Oct 07 j 05:21	23°♍59'32	
transit end	-2538 Oct 07 j 10:39	23°♍41'20	
min. Earth dist.	-2538 Oct 06 j 23:07	24°♍20'53	0.67476 AU
asc. node	-2538 Oct 07 j 11:41	23°♍37'47	
morning rise	-2538 Oct 12 j 17:01	17°♍38'20	
direct	-2538 Oct 16 j 19:21	16°♍04'29	
morning max el	-2538 Oct 25 j 09:44	21°♍08'13	21°16'24
greatest brilliancy	-2538 Oct 30 j 18:11	27°♍20'18	-0.4m
	-2538 Nov 01 j 19:18	0°♎	
desc. node	-2538 Nov 17 j 22:22	23°♎19'03	
	-2538 Nov 22 j 06:47	0°♏	
morning set	-2538 Nov 25 j 00:18	4°♏15'49	
max. Earth dist.	-2538 Dec 02 j 18:33	16°♏42'43	1.42325 AU
superior conj	-2538 Dec 10 j 00:24	28°♏50'58	-1°-51'-51
minimum elong	-2538 Dec 09 j 20:47	28°♏35'29	1°51'45
	-2538 Dec 10 j 16:29	0°♐	
evening rise	-2538 Dec 21 j 08:47	18°♐55'53	
	-2538 Dec 27 j 13:07	0°♑	
asc. node	-2537 Jan 03 j 10:53	11°♑01'01	
evening max el	-2537 Jan 07 j 00:18	15°♑15'43	18°08'20
retrograde	-2537 Jan 13 j 17:31	18°♑42'42	
evening set	-2537 Jan 16 j 08:52	18°♑10'58	
inferior conj	-2537 Jan 23 j 01:43	13°♑11'02	3°58'35
minimum elong	-2537 Jan 23 j 01:43	13°♑11'02	3°58'32
min. Earth dist.	-2537 Jan 26 j 03:57	10°♑14'15	0.61278 AU
morning rise	-2537 Jan 29 j 16:03	7°♑24'32	
direct	-2537 Feb 05 j 14:27	5°♑02'30	
desc. node	-2537 Feb 13 j 21:33	7°♑58'30	
morning max el	-2537 Feb 19 j 16:47	12°♑47'41	27°37'58
	-2537 Mar 05 j 09:55	0°♒	
	-2537 Mar 22 j 12:59	0°♓	
morning set	-2537 Mar 24 j 03:45	3°♓16'46	
max. Earth dist.	-2537 Mar 30 j 07:22	16°♓19'25	1.32609 AU
superior conj	-2537 Mar 31 j 11:09	18°♓50'38	0°-10'-7
minimum elong	-2537 Mar 31 j 11:37	18°♓53'10	0°10'02
behind sun begin	-2537 Mar 31 j 07:40	18°♓31'39	
behind sun end	-2537 Mar 31 j 15:34	19°♓14'42	
asc. node	-2537 Apr 01 j 10:15	20°♓56'39	
	-2537 Apr 05 j 14:16	0°♈	
evening rise	-2537 Apr 07 j 11:04	3°♈58'29	
	-2537 Apr 21 j 12:04	0°♉	
evening max el	-2537 May 03 j 15:01	15°♉22'03	24°58'15
desc. node	-2537 May 12 j 20:33	21°♉35'55	
retrograde	-2537 May 17 j 15:30	22°♉28'58	
evening set	-2537 May 22 j 18:18	21°♉28'59	
min. Earth dist.	-2537 May 28 j 03:04	18°♉37'28	0.57437 AU
inferior conj	-2537 May 31 j 03:19	16°♉36'36	-4°-6'-40
minimum elong	-2537 May 30 j 22:59	16°♉43'55	4°06'02
morning rise	-2537 Jun 08 j 07:39	12°♉25'02	
direct	-2537 Jun 10 j 19:50	12°♉06'41	
morning max el	-2537 Jun 19 j 17:04	16°♉15'32	19°08'54
asc. node	-2537 Jun 28 j 09:37	27°♉51'28	
	-2537 Jun 29 j 15:33	0°♊	
morning set	-2537 Jul 06 j 13:32	13°♊05'03	
superior conj	-2537 Jul 14 j 22:47	29°♊37'54	1°48'18
minimum elong	-2537 Jul 14 j 22:21	29°♊35'44	1°48'21
	-2537 Jul 15 j 03:22	0°♋	
max. Earth dist.	-2537 Jul 21 j 10:04	11°♋46'52	1.38337 AU
evening rise	-2537 Jul 25 j 07:40	18°♋43'47	
	-2537 Aug 01 j 00:10	0°♌	
desc. node	-2537 Aug 08 j 19:51	12°♌13'18	
	-2537 Aug 21 j 14:36	0°♍	
evening max el	-2537 Aug 30 j 00:06	9°♍35'38	24°46'12
retrograde	-2537 Sep 10 j 12:46	16°♍18'47	
evening set	-2537 Sep 16 j 03:05	13°♍57'03	
min. Earth dist.	-2537 Sep 20 j 18:02	8°♍40'27	0.67188 AU
inferior conj	-2537 Sep 21 j 13:22	7°♍36'11	0°-57'-29
minimum elong	-2537 Sep 21 j 14:45	7°♍31'35	0°56'54
asc. node	-2537 Sep 24 j 08:47	4°♍03'49	
morning rise	-2537 Sep 27 j 02:47	1°♍30'34	
direct	-2537 Sep 30 j 16:56	0°♍16'13	
morning max el	-2537 Oct 08 j 08:59	4°♍42'18	20°04'57
greatest brilliancy	-2537 Oct 15 j 13:45	13°♍32'57	-0.6m
	-2537 Oct 26 j 19:12	0°♎	
morning set	-2537 Nov 03 j 21:45	12°♎25'35	
desc. node	-2537 Nov 04 j 19:23	13°♎49'22	
max. Earth dist.	-2537 Nov 15 j 04:53	0°♏10'29	1.43831 AU
	-2537 Nov 15 j 02:16	0°♏	
superior conj	-2537 Nov 20 j 11:01	8°♏39'45	-1°-29'-53
minimum elong	-2537 Nov 20 j 03:52	8°♏10'37	1°29'17
	-2537 Dec 03 j 04:08	0°♐	
evening rise	-2537 Dec 03 j 15:00	0°♐46'42	
asc. node	-2537 Dec 21 j 07:57	28°♐18'29	
evening max el	-2537 Dec 21 j 12:47	28°♐30'52	18°13'33
	-2537 Dec 23 j 04:08	0°♑	
retrograde	-2537 Dec 28 j 01:16	2°♑00'38	
evening set	-2537 Dec 30 j 20:19	1°♑20'16	
	-2536 Jan 01 j 23:06	30°℞♐	
inferior conj	-2536 Jan 06 j 02:36	25°♐59'23	3°50'10
minimum elong	-2536 Jan 06 j 00:43	26°♐04'31	3°49'53
min. Earth dist.	-2536 Jan 08 j 15:12	23°♐16'13	0.63168 AU
morning rise	-2536 Jan 12 j 03:25	20°♐01'14	
direct	-2536 Jan 19 j 04:12	17°♐17'21	
desc. node	-2536 Jan 31 j 18:38	23°♐54'55	
morning max el	-2536 Feb 01 j 23:22	25°♐03'55	27°41'25
	-2536 Feb 06 j 12:31	0°♑	
	-2536 Feb 26 j 19:28	0°♒	
morning set	-2536 Mar 07 j 04:03	17°♒35'50	
max. Earth dist.	-2536 Mar 12 j 14:31	28°♒50'14	1.33102 AU
	-2536 Mar 13 j 03:38	0°♓	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2536 Mar 14 j 19:50	3°♓35'13	0°-35'-50
minimum elong	-2536 Mar 14 j 21:28	3°♓44'02	0°35'32
asc. node	-2536 Mar 18 j 07:19	11°♓05'47	
evening rise	-2536 Mar 21 j 22:49	18°♓53'17	
	-2536 Mar 27 j 10:48	0°♈	
evening max el	-2536 Apr 14 j 06:27	26°♈03'39	23°25'36
	-2536 Apr 19 j 04:18	0°♉	
retrograde	-2536 Apr 27 j 19:46	2°♉48'09	
desc. node	-2536 Apr 28 j 17:36	2°♉46'17	
evening set	-2536 May 01 j 13:38	2°♉17'24	
	-2536 May 06 j 23:47	30°℞♈	
min. Earth dist.	-2536 May 08 j 17:05	29°♈01'28	0.55916 AU
inferior conj	-2536 May 10 j 16:05	27°♈51'47	-3°-4'-27
minimum elong	-2536 May 10 j 09:39	28°♈01'22	3°02'45
morning rise	-2536 May 19 j 09:02	23°♈54'26	
direct	-2536 May 21 j 23:06	23°♈37'56	
morning max el	-2536 Jun 01 j 09:30	28°♈28'14	20°14'06
	-2536 Jun 02 j 22:25	0°♉	
asc. node	-2536 Jun 14 j 06:42	16°♉56'00	
morning set	-2536 Jun 19 j 17:46	27°♉37'31	
	-2536 Jun 20 j 21:44	0°♊	
superior conj	-2536 Jun 27 j 12:55	13°♊32'59	1°42'14
minimum elong	-2536 Jun 27 j 11:02	13°♊23'31	1°42'11
max. Earth dist.	-2536 Jul 02 j 15:24	23°♊36'23	1.36500 AU
	-2536 Jul 06 j 00:48	0°♋	
evening rise	-2536 Jul 06 j 16:23	1°♋11'43	
	-2536 Jul 24 j 02:49	0°♌	
desc. node	-2536 Jul 25 j 16:51	2°♌18'59	
evening max el	-2536 Aug 11 j 11:10	23°♌09'24	25°56'46
	-2536 Aug 21 j 19:27	0°♍	
retrograde	-2536 Aug 23 j 21:12	0°♍15'15	
	-2536 Aug 25 j 20:53	30°℞♌	
evening set	-2536 Aug 30 j 02:24	27°♌38'02	
min. Earth dist.	-2536 Sep 03 j 08:54	22°♌58'54	0.66575 AU
inferior conj	-2536 Sep 04 j 15:43	21°♌21'35	-1°-51'-6
minimum elong	-2536 Sep 04 j 18:22	21°♌13'13	1°50'03
morning rise	-2536 Sep 10 j 11:06	15°♌25'54	
asc. node	-2536 Sep 10 j 05:53	15°♌34'05	
direct	-2536 Sep 13 j 15:15	14°♌27'53	
morning max el	-2536 Sep 20 j 15:27	18°♌25'33	19°07'32
	-2536 Sep 29 j 12:37	0°♍	
morning set	-2536 Oct 13 j 05:37	21°♍12'49	
	-2536 Oct 18 j 19:59	0°♎	
desc. node	-2536 Oct 21 j 16:23	4°♎28'22	
max. Earth dist.	-2536 Oct 27 j 21:00	14°♎12'50	1.44714 AU
superior conj	-2536 Oct 29 j 20:36	17°♎20'54	0°-50'-54
minimum elong	-2536 Oct 29 j 14:24	16°♎56'24	0°50'11
	-2536 Nov 06 j 18:56	0°♏	
evening rise	-2536 Nov 13 j 23:21	11°♏40'02	
	-2536 Nov 25 j 06:29	0°♐	
evening max el	-2536 Dec 04 j 00:50	11°♐53'27	18°37'13
asc. node	-2536 Dec 07 j 05:01	14°♐31'13	
retrograde	-2536 Dec 10 j 16:48	15°♐36'42	
evening set	-2536 Dec 13 j 16:40	14°♐46'20	
inferior conj	-2536 Dec 19 j 14:56	9°♐07'02	3°25'59
minimum elong	-2536 Dec 19 j 12:05	9°♐15'31	3°25'19
min. Earth dist.	-2536 Dec 21 j 12:29	6°♐51'40	0.64742 AU
morning rise	-2536 Dec 25 j 06:20	3°♐00'22	
direct	-2535 Jan 01 j 00:54	0°♐09'38	
morning max el	-2535 Jan 14 j 08:50	7°♐51'08	27°10'33
desc. node	-2535 Jan 17 j 15:44	11°♐21'00	
	-2535 Jan 31 j 14:42	0°♑	
	-2535 Feb 18 j 02:03	0°♒	
morning set	-2535 Feb 18 j 19:21	1°♒23'35	
max. Earth dist.	-2535 Feb 23 j 12:52	10°♒49'44	1.34008 AU
superior conj	-2535 Feb 27 j 00:09	18°♒02'06	-1°00'-50
minimum elong	-2535 Feb 27 j 02:50	18°♒16'12	1°00'24
	-2535 Mar 04 j 15:40	0°♓	
asc. node	-2535 Mar 05 j 04:21	1°♓06'52	
evening rise	-2535 Mar 06 j 09:27	3°♓39'28	
	-2535 Mar 21 j 04:47	0°♈	
evening max el	-2535 Mar 27 j 01:32	6°♈48'53	21°52'23
retrograde	-2535 Apr 08 j 13:03	12°♈52'47	
evening set	-2535 Apr 11 j 05:29	12°♈36'40	
desc. node	-2535 Apr 15 j 14:42	11°♈09'04	
inferior conj	-2535 Apr 20 j 14:07	8°♈32'18	-1°-22'-58
minimum elong	-2535 Apr 20 j 10:18	8°♈37'39	1°21'40
min. Earth dist.	-2535 Apr 20 j 06:35	8°♈42'53	0.55146 AU
morning rise	-2535 Apr 29 j 16:15	4°♈34'22	
direct	-2535 May 02 j 12:24	4°♈16'28	
morning max el	-2535 May 14 j 15:04	9°♈59'05	21°37'59
	-2535 May 28 j 19:11	0°♉	
asc. node	-2535 Jun 01 j 03:44	6°♉26'21	
morning set	-2535 Jun 04 j 02:31	12°♉25'43	
superior conj	-2535 Jun 11 j 12:16	27°♉57'23	1°29'54
minimum elong	-2535 Jun 11 j 09:44	27°♉44'10	1°29'41
	-2535 Jun 12 j 11:53	0°♊	
max. Earth dist.	-2535 Jun 15 j 04:34	5°♊30'52	1.34963 AU
evening rise	-2535 Jun 19 j 18:41	14°♊33'07	
	-2535 Jun 28 j 07:19	0°♋	
desc. node	-2535 Jul 12 j 13:52	21°♋58'51	
	-2535 Jul 18 j 19:40	0°♌	
evening max el	-2535 Jul 24 j 22:32	6°♌39'05	26°50'54
retrograde	-2535 Aug 07 j 00:41	13°♌57'43	
evening set	-2535 Aug 13 j 18:39	11°♌11'47	
min. Earth dist.	-2535 Aug 17 j 17:24	7°♌11'02	0.65600 AU
inferior conj	-2535 Aug 19 j 12:56	5°♌03'04	-2°-42'-8
minimum elong	-2535 Aug 19 j 16:37	4°♌52'16	2°40'53
	-2535 Aug 24 j 14:01	30°℞♋	
morning rise	-2535 Aug 25 j 15:47	29°♋20'27	
asc. node	-2535 Aug 28 j 02:57	28°♋36'09	
direct	-2535 Aug 28 j 12:16	28°♋35'18	
	-2535 Sep 01 j 12:35	0°♌	
morning max el	-2535 Sep 04 j 03:17	2°♌13'40	18°26'01
	-2535 Sep 22 j 20:22	0°♍	
morning set	-2535 Sep 23 j 15:15	1°♍16'53	
superior conj	-2535 Oct 08 j 20:19	25°♍39'35	0°-1'-52
minimum elong	-2535 Oct 08 j 20:04	25°♍38'38	0°01'51
behind sun begin	-2535 Oct 08 j 08:52	24°♍54'22	
behind sun end	-2535 Oct 09 j 07:17	26°♍22'52	
desc. node	-2535 Oct 08 j 13:22	25°♍12'09	
max. Earth dist.	-2535 Oct 10 j 15:06	28°♍28'17	1.44876 AU
	-2535 Oct 11 j 14:24	0°♎	
evening rise	-2535 Oct 25 j 07:09	21°♎31'10	
	-2535 Oct 30 j 16:35	0°♏	
greatest brilliancy	-2535 Nov 07 j 11:43	12°♏04'31	-0.7m
evening max el	-2535 Nov 17 j 10:02	25°♏19'22	19°18'07
asc. node	-2535 Nov 24 j 02:04	29°♏23'54	
retrograde	-2535 Nov 24 j 12:37	29°♏25'00	
evening set	-2535 Nov 27 j 19:04	28°♏22'43	
inferior conj	-2535 Dec 03 j 11:26	22°♏28'05	2°50'48
minimum elong	-2535 Dec 03 j 08:25	22°♏37'43	2°49'52
min. Earth dist.	-2535 Dec 04 j 18:49	20°♏47'43	0.65949 AU
morning rise	-2535 Dec 08 j 20:56	16°♏15'37	
direct	-2535 Dec 15 j 03:55	13°♏31'00	
morning max el	-2535 Dec 27 j 18:27	20°♏56'14	26°11'55
desc. node	-2534 Jan 04 j 12:48	29°♏50'24	
	-2534 Jan 04 j 15:49	0°♐	
	-2534 Jan 24 j 18:20	0°♑	
morning set	-2534 Feb 01 j 21:38	14°♑27'46	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2534 Feb 05 j 23:28	22°♓13'59	1.35357 AU	
	-2534 Feb 09 j 21:17	0°♒		
superior conj	-2534 Feb 10 j 21:44	2°♒04'05	-1°-23'-43	
minimum elong	-2534 Feb 11 j 01:04	2°♒21'03	1°23'19	
evening rise	-2534 Feb 18 j 17:05	18°♒10'47		
asc. node	-2534 Feb 20 j 01:22	20°♒55'22		
	-2534 Feb 24 j 17:06	0°♓		
evening max el	-2534 Mar 09 j 05:52	18°♓02'30	20°30'09	
retrograde	-2534 Mar 20 j 02:57	23°♓14'01		
evening set	-2534 Mar 22 j 09:01	23°♓01'34		
inferior conj	-2534 Mar 31 j 09:55	19°♓03'52	0°34'49	
minimum elong	-2534 Mar 31 j 11:29	19°♓01'34	0°34'16	
min. Earth dist.	-2534 Apr 01 j 20:48	18°♓12'59	0.55313 AU	
desc. node	-2534 Apr 02 j 11:47	17°♓51'27		
morning rise	-2534 Apr 09 j 11:58	14°♓46'27		
direct	-2534 Apr 13 j 00:56	14°♓19'09		
morning max el	-2534 Apr 26 j 11:10	20°♓52'57	23°14'42	
	-2534 May 04 j 05:16	0°♈		
asc. node	-2534 May 19 j 00:47	26°♈15'41		
morning set	-2534 May 19 j 13:49	27°♈23'41		
	-2534 May 20 j 19:31	0°♉		
superior conj	-2534 May 26 j 17:51	12°♉41'41	1°12'54	
minimum elong	-2534 May 26 j 15:17	12°♉28'01	1°12'33	
max. Earth dist.	-2534 May 29 j 03:28	17°♉47'17	1.33806 AU	
evening rise	-2534 Jun 03 j 09:49	28°♉34'20		
	-2534 Jun 04 j 03:09	0°♊		
	-2534 Jun 21 j 11:12	0°♋		
desc. node	-2534 Jun 29 j 10:53	11°♋01'43		
evening max el	-2534 Jul 07 j 09:41	19°♋55'16	27°21'07	
retrograde	-2534 Jul 20 j 22:41	27°♋17'53		
evening set	-2534 Jul 28 j 01:01	24°♋33'53		
min. Earth dist.	-2534 Jul 31 j 17:31	21°♋09'15	0.64249 AU	
inferior conj	-2534 Aug 03 j 02:39	18°♋36'08	-3°-27'-58	
minimum elong	-2534 Aug 03 j 06:48	18°♋25'02	3°26'51	
morning rise	-2534 Aug 09 j 14:20	13°♋09'41		
direct	-2534 Aug 12 j 05:35	12°♋34'05		
asc. node	-2534 Aug 15 j 00:01	13°♋13'25		
morning max el	-2534 Aug 18 j 18:01	16°♋01'33	18°01'36	
	-2534 Aug 28 j 16:27	0°♌		
morning set	-2534 Sep 05 j 04:12	12°♌39'46		
	-2534 Sep 15 j 12:16	0°♍		
superior conj	-2534 Sep 18 j 08:42	4°♍39'14	0°44'38	
minimum elong	-2534 Sep 18 j 13:25	4°♍58'20	0°44'04	
max. Earth dist.	-2534 Sep 23 j 08:17	12°♍39'24	1.44316 AU	
desc. node	-2534 Sep 25 j 10:20	15°♍57'48		
	-2534 Oct 04 j 10:10	0°♎		
evening rise	-2534 Oct 04 j 18:26	0°♎31'56		
	-2534 Oct 24 j 11:59	0°♏		
greatest brilliancy	-2534 Oct 24 j 21:57	0°♏34'13	-0.6m	
evening max el	-2534 Oct 31 j 14:28	8°♏46'14	20°14'21	
retrograde	-2534 Nov 08 j 09:53	13°♏21'35		
asc. node	-2534 Nov 10 j 23:07	12°♏44'00		
evening set	-2534 Nov 12 j 01:07	12°♏04'54		
inferior conj	-2534 Nov 17 j 13:23	5°♏58'16	2°07'50	
minimum elong	-2534 Nov 17 j 10:48	6°♏06'56	2°06'53	
min. Earth dist.	-2534 Nov 18 j 08:09	4°♏55'18	0.66801 AU	
morning rise	-2534 Nov 22 j 19:54	29°♎42'29		
	-2534 Nov 22 j 12:14	30°℞♎		
direct	-2534 Nov 28 j 12:26	27°♎13'25		
	-2534 Dec 05 j 10:02	0°♏		
morning max el	-2534 Dec 10 j 02:57	4°♏08'00	24°54'27	
desc. node	-2534 Dec 22 j 09:48	19°♏04'01		
	-2534 Dec 30 j 00:14	0°♐		
morning set	-2533 Jan 15 j 05:27	26°♐31'37		
	-2533 Jan 17 j 03:57	0°♑		
max. Earth dist.	-2533 Jan 18 j 23:04	3°♑17'02	1.37135 AU	
superior conj	-2533 Jan 25 j 09:28	15°♑31'19	-1°-42'-35	
minimum elong	-2533 Jan 25 j 12:40	15°♑47'03	1°42'23	
	-2533 Feb 01 j 15:38	0°♒		
evening rise	-2533 Feb 02 j 19:28	2°♒19'36		
asc. node	-2533 Feb 06 j 22:24	10°♒25'01		
evening max el	-2533 Feb 19 j 21:00	29°♒52'03	19°25'02	
	-2533 Feb 20 j 00:21	0°♓		
retrograde	-2533 Mar 01 j 01:43	4°♓15'10		
evening set	-2533 Mar 03 j 08:19	4°♓00'17		
inferior conj	-2533 Mar 11 j 17:06	29°♒53'17	2°16'16	
minimum elong	-2533 Mar 11 j 21:46	29°♒45'38	2°14'54	
	-2533 Mar 11 j 13:00	30°℞♒		
min. Earth dist.	-2533 Mar 14 j 11:39	28°♒04'52	0.56377 AU	
morning rise	-2533 Mar 20 j 07:28	25°♒05'49		
desc. node	-2533 Mar 20 j 08:52	25°♒04'36		
direct	-2533 Mar 24 j 23:39	24°♒15'59		
	-2533 Apr 06 j 12:23	0°♓		
morning max el	-2533 Apr 08 j 02:08	1°♓26'20	24°53'38	
	-2533 Apr 27 j 21:10	0°♈		
morning set	-2533 May 04 j 01:57	12°♈24'53		
asc. node	-2533 May 05 j 21:48	16°♈17'32		
superior conj	-2533 May 11 j 03:16	27°♈37'22	0°52'24	
minimum elong	-2533 May 11 j 01:11	27°♈26'01	0°52'02	
	-2533 May 12 j 05:34	0°♉		
max. Earth dist.	-2533 May 12 j 10:39	0°♉27'27	1.33022 AU	
evening rise	-2533 May 18 j 09:54	13°♉02'48		
	-2533 May 27 j 06:49	0°♊		
desc. node	-2533 Jun 16 j 07:55	29°♊11'51		
	-2533 Jun 17 j 01:34	0°♋		
evening max el	-2533 Jun 19 j 18:38	2°♋45'22	27°21'29	
retrograde	-2533 Jul 03 j 14:20	10°♋06'34		
evening set	-2533 Jul 10 j 17:50	7°♋37'52		
min. Earth dist.	-2533 Jul 14 j 07:51	4°♋42'00	0.62542 AU	
inferior conj	-2533 Jul 17 j 05:59	1°♋54'15	-4°-4'-42	
minimum elong	-2533 Jul 17 j 09:35	1°♋45'37	4°04'02	
	-2533 Jul 19 j 07:06	30°℞♊		
morning rise	-2533 Jul 24 j 03:43	26°♊47'03		
direct	-2533 Jul 26 j 16:06	26°♊18'15		
asc. node	-2533 Aug 01 j 21:04	29°♊14'56		
morning max el	-2533 Aug 02 j 08:56	29°♊43'11	17°55'19	
	-2533 Aug 02 j 15:39	0°♋		
morning set	-2533 Aug 18 j 15:30	25°♋07'03		
	-2533 Aug 21 j 09:11	0°♌		
superior conj	-2533 Aug 29 j 23:13	14°♌56'48	1°19'19	
minimum elong	-2533 Aug 30 j 04:31	15°♌19'16	1°18'50	
max. Earth dist.	-2533 Sep 05 j 22:13	26°♌30'31	1.43109 AU	
	-2533 Sep 08 j 02:03	0°♍		
desc. node	-2533 Sep 12 j 07:19	6°♍42'16		
evening rise	-2533 Sep 13 j 23:56	9°♍21'14		
	-2533 Sep 27 j 15:45	0°♎		
greatest brilliancy	-2533 Oct 09 j 10:01	16°♎17'36	-0.4m	
evening max el	-2533 Oct 14 j 13:06	22°♎13'32	21°23'07	
retrograde	-2533 Oct 23 j 06:40	27°♎24'23		
evening set	-2533 Oct 27 j 08:54	25°♎50'48		
asc. node	-2533 Oct 28 j 20:10	24°♎31'21		
inferior conj	-2533 Nov 01 j 18:40	19°♎35'27	1°19'30	
minimum elong	-2533 Nov 01 j 16:55	19°♎41'28	1°18'47	
min. Earth dist.	-2533 Nov 02 j 02:08	19°♎09'48	0.67316 AU	
morning rise	-2533 Nov 07 j 00:37	13°♎19'00		
direct	-2533 Nov 12 j 01:45	11°♎10'45		
morning max el	-2533 Nov 22 j 11:55	17°♎23'38	23°28'16	
greatest brilliancy	-2533 Nov 28 j 10:02	24°♎07'16	-0.2m	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2533 Dec 02 j 23:06	0°♏	
desc. node	-2533 Dec 09 j 06:49	8°♏49'31	
	-2533 Dec 23 j 02:19	0°♐	
morning set	-2533 Dec 27 j 12:40	7°♐19'29	
max. Earth dist.	-2533 Dec 31 j 18:27	14°♐36'14	1.39194 AU
superior conj	-2532 Jan 08 j 07:23	28°♐13'40	-1°-54'-48
minimum elong	-2532 Jan 08 j 09:12	28°♐22'10	1°54'50
	-2532 Jan 09 j 06:06	0°♑	
evening rise	-2532 Jan 17 j 14:08	16°♑00'01	
asc. node	-2532 Jan 24 j 19:25	29°♑29'32	
	-2532 Jan 25 j 02:26	0°♒	
evening max el	-2532 Feb 02 j 21:36	12°♒15'07	18°39'26
retrograde	-2532 Feb 10 j 18:22	16°♒04'22	
evening set	-2532 Feb 13 j 04:26	15°♒44'00	
inferior conj	-2532 Feb 20 j 19:45	11°♒18'02	3°22'37
minimum elong	-2532 Feb 20 j 23:42	11°♒10'29	3°21'52
min. Earth dist.	-2532 Feb 24 j 04:26	8°♒45'28	0.58090 AU
morning rise	-2532 Feb 28 j 15:12	6°♒01'47	
direct	-2532 Mar 05 j 11:16	4°♒37'07	
desc. node	-2532 Mar 06 j 05:57	4°♒38'38	
morning max el	-2532 Mar 19 j 18:17	12°♒07'48	26°20'01
	-2532 Apr 02 j 16:34	0°♓	
morning set	-2532 Apr 17 j 13:16	27°♓23'28	
	-2532 Apr 18 j 18:57	0°♈	
asc. node	-2532 Apr 21 j 18:50	6°♈27'05	
superior conj	-2532 Apr 24 j 14:39	12°♈37'48	0°29'21
minimum elong	-2532 Apr 24 j 13:23	12°♈30'52	0°29'05
max. Earth dist.	-2532 Apr 24 j 22:48	13°♈22'30	1.32587 AU
evening rise	-2532 May 01 j 16:02	27°♈48'34	
	-2532 May 02 j 17:29	0°♉	
	-2532 May 19 j 17:21	0°♊	
evening max el	-2532 May 31 j 22:36	14°♊56'51	26°48'55
desc. node	-2532 Jun 02 j 04:58	16°♊06'52	
retrograde	-2532 Jun 14 j 22:25	22°♊15'07	
evening set	-2532 Jun 21 j 16:46	20°♊15'10	
min. Earth dist.	-2532 Jun 25 j 12:05	17°♊34'44	0.60572 AU
inferior conj	-2532 Jun 28 j 19:28	14°♊48'34	-4°-26'-14
minimum elong	-2532 Jun 28 j 21:01	14°♊45'20	4°26'06
morning rise	-2532 Jul 06 j 04:22	10°♊03'19	
direct	-2532 Jul 08 j 15:52	9°♊39'25	
morning max el	-2532 Jul 15 j 21:12	13°♊11'18	18°08'06
asc. node	-2532 Jul 18 j 18:08	16°♊25'07	
	-2532 Jul 27 j 06:33	0°♋	
morning set	-2532 Jul 31 j 19:26	8°♋22'34	
superior conj	-2532 Aug 10 j 16:30	26°♋33'54	1°39'57
minimum elong	-2532 Aug 10 j 19:44	26°♋48'21	1°39'47
	-2532 Aug 12 j 14:57	0°♌	
max. Earth dist.	-2532 Aug 18 j 06:45	9°♌44'48	1.41415 AU
evening rise	-2532 Aug 23 j 18:32	18°♌47'56	
desc. node	-2532 Aug 29 j 04:18	27°♌21'38	
	-2532 Aug 30 j 21:19	0°♍	
	-2532 Sep 21 j 04:48	0°♎	
greatest brilliancy	-2532 Sep 21 j 09:43	0°♎14'57	-0.3m
evening max el	-2532 Sep 26 j 05:54	5°♎40'27	22°40'35
retrograde	-2532 Oct 06 j 01:22	11°♎29'59	
evening set	-2532 Oct 10 j 16:37	9°♎37'37	
asc. node	-2532 Oct 14 j 17:14	5°♎07'03	
inferior conj	-2532 Oct 16 j 01:23	3°♎17'07	0°27'36
minimum elong	-2532 Oct 16 j 00:45	3°♎19'20	0°27'20
min. Earth dist.	-2532 Oct 15 j 22:22	3°♎27'32	0.67510 AU
	-2532 Oct 18 j 12:35	30°℞♍	
morning rise	-2532 Oct 21 j 08:49	27°♍02'37	
direct	-2532 Oct 25 j 19:01	25°♍16'40	
	-2532 Nov 03 j 06:33	0°♎	
morning max el	-2532 Nov 04 j 00:33	0°♎44'33	22°02'34
greatest brilliancy	-2532 Nov 08 j 19:01	6°♎08'42	-0.4m
desc. node	-2532 Nov 25 j 03:50	28°♎57'16	
	-2532 Nov 25 j 20:34	0°♏	
morning set	-2532 Dec 06 j 15:01	16°♏43'25	
max. Earth dist.	-2532 Dec 12 j 17:22	26°♏42'34	1.41256 AU
	-2532 Dec 14 j 16:16	0°♐	
superior conj	-2532 Dec 20 j 10:19	9°♐57'46	-1°-56'-52
minimum elong	-2532 Dec 20 j 09:04	9°♐52'17	1°56'56
evening rise	-2532 Dec 30 j 21:51	29°♐04'33	
	-2532 Dec 31 j 09:48	0°♑	
asc. node	-2531 Jan 10 j 16:27	18°♑00'54	
evening max el	-2531 Jan 16 j 05:03	25°♑04'28	18°13'56
retrograde	-2531 Jan 23 j 05:22	28°♑35'51	
evening set	-2531 Jan 25 j 18:45	28°♑08'35	
inferior conj	-2531 Feb 01 j 18:54	23°♑20'53	3°53'44
minimum elong	-2531 Feb 01 j 20:20	23°♑17'40	3°53'34
min. Earth dist.	-2531 Feb 05 j 02:22	20°♑25'56	0.60103 AU
morning rise	-2531 Feb 08 j 18:54	17°♑43'04	
direct	-2531 Feb 15 j 10:42	15°♑40'13	
desc. node	-2531 Feb 21 j 03:02	17°♑02'46	
morning max el	-2531 Mar 01 j 16:08	23°♑22'03	27°19'37
	-2531 Mar 07 j 15:19	0°♒	
	-2531 Mar 26 j 18:04	0°♓	
morning set	-2531 Apr 01 j 22:03	12°♓13'13	
max. Earth dist.	-2531 Apr 08 j 12:06	26°♓19'24	1.32493 AU
asc. node	-2531 Apr 08 j 15:53	26°♓40'03	
superior conj	-2531 Apr 09 j 02:19	27°♓37'14	0°04'36
minimum elong	-2531 Apr 09 j 02:07	27°♓36'05	0°04'33
behind sun begin	-2531 Apr 08 j 21:17	27°♓09'39	
behind sun end	-2531 Apr 09 j 06:57	28°♓02'31	
	-2531 Apr 10 j 04:24	0°♈	
evening rise	-2531 Apr 16 j 01:53	12°♈43'38	
	-2531 Apr 24 j 21:30	0°♉	
evening max el	-2531 May 13 j 19:58	26°♉24'40	25°45'34
	-2531 May 18 j 02:50	0°♊	
desc. node	-2531 May 20 j 02:02	1°♊16'34	
retrograde	-2531 May 27 j 21:43	3°♊38'30	
evening set	-2531 Jun 02 j 18:15	2°♊16'19	
	-2531 Jun 06 j 16:55	30°℞♉	
min. Earth dist.	-2531 Jun 07 j 08:14	29°♉33'43	0.58525 AU
inferior conj	-2531 Jun 10 j 15:32	27°♉09'57	-4°-23'-36
minimum elong	-2531 Jun 10 j 13:28	27°♉13'44	4°23'25
morning rise	-2531 Jun 18 j 12:36	22°♉47'20	
direct	-2531 Jun 21 j 00:21	22°♉27'15	
morning max el	-2531 Jun 29 j 04:01	26°♉18'18	18°40'51
	-2531 Jul 02 j 11:27	0°♊	
asc. node	-2531 Jul 05 j 15:13	4°♊29'37	
morning set	-2531 Jul 15 j 11:27	22°♊15'08	
	-2531 Jul 19 j 11:04	0°♋	
superior conj	-2531 Jul 24 j 07:34	9°♋17'23	1°48'09
minimum elong	-2531 Jul 24 j 08:19	9°♋20'54	1°48'12
max. Earth dist.	-2531 Jul 31 j 10:07	22°♋14'49	1.39467 AU
evening rise	-2531 Aug 04 j 13:38	29°♋24'51	
	-2531 Aug 04 j 21:57	0°♌	
desc. node	-2531 Aug 16 j 01:18	17°♌52'15	
	-2531 Aug 24 j 07:56	0°♍	
evening max el	-2531 Sep 08 j 18:30	19°♍09'20	24°01'05
retrograde	-2531 Sep 19 j 16:52	25°♍35'28	
evening set	-2531 Sep 24 j 22:32	23°♍23'57	
inferior conj	-2531 Sep 30 j 07:49	17°♍01'54	0°-26'-13
minimum elong	-2531 Sep 30 j 08:26	16°♍59'47	0°25'57
min. Earth dist.	-2531 Sep 29 j 18:30	17°♍47'03	0.67396 AU
asc. node	-2531 Oct 01 j 14:20	15°♍19'39	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning rise	-2531 Oct 05 j 18:34	10°♍52'11	
direct	-2531 Oct 09 j 15:22	9°♍27'13	
morning max el	-2531 Oct 17 j 19:39	14°♍14'00	20°44'24
greatest brilliancy	-2531 Oct 23 j 19:42	21°♍20'21	-0.5m
	-2531 Oct 30 j 02:02	0°♎	
desc. node	-2531 Nov 12 j 00:51	19°♎20'46	
morning set	-2531 Nov 15 j 17:42	25°♎04'04	
	-2531 Nov 18 j 21:20	0°♏	
max. Earth dist.	-2531 Nov 24 j 23:14	9°♏42'10	1.43031 AU
superior conj	-2531 Dec 01 j 12:41	20°♏30'30	-1°-44'-41
minimum elong	-2531 Dec 01 j 07:19	20°♏07'58	1°44'22
	-2531 Dec 07 j 02:27	0°♐	
evening rise	-2531 Dec 13 j 14:42	11°♐24'57	
	-2531 Dec 24 j 10:47	0°♑	
asc. node	-2531 Dec 28 j 13:31	5°♑48'58	
evening max el	-2531 Dec 30 j 16:31	8°♑12'18	18°08'13
retrograde	-2530 Jan 06 j 06:50	11°♑39'25	
evening set	-2530 Jan 08 j 23:31	11°♑04'17	
inferior conj	-2530 Jan 15 j 11:33	5°♑55'14	3°57'21
minimum elong	-2530 Jan 15 j 10:38	5°♑57'34	3°57'14
min. Earth dist.	-2530 Jan 18 j 08:26	3°♑01'44	0.62107 AU
morning rise	-2530 Jan 21 j 19:32	0°♑02'56	
	-2530 Jan 21 j 21:10	30°℞♐	
direct	-2530 Jan 28 j 20:02	27°♐29'42	
	-2530 Feb 05 j 08:40	0°♑	
desc. node	-2530 Feb 08 j 00:08	1°♑52'22	
morning max el	-2530 Feb 11 j 20:08	5°♑17'03	27°43'59
	-2530 Mar 02 j 10:44	0°♒	
morning set	-2530 Mar 17 j 02:08	26°♒45'54	
	-2530 Mar 18 j 15:56	0°♓	
max. Earth dist.	-2530 Mar 22 j 22:29	9°♓02'56	1.32762 AU
superior conj	-2530 Mar 24 j 12:34	12°♓28'52	0°-21'-2
minimum elong	-2530 Mar 24 j 13:32	12°♓34'07	0°20'52
asc. node	-2530 Mar 26 j 12:54	16°♓51'37	
evening rise	-2530 Mar 31 j 13:25	27°♓40'04	
	-2530 Apr 01 j 16:08	0°♈	
	-2530 Apr 19 j 02:31	0°♉	
evening max el	-2530 Apr 25 j 12:08	7°♉16'28	24°19'52
desc. node	-2530 May 06 j 23:07	14°♉03'06	
retrograde	-2530 May 09 j 09:51	14°♉16'53	
evening set	-2530 May 13 j 22:22	13°♉31'00	
min. Earth dist.	-2530 May 19 j 23:50	10°♉30'21	0.56709 AU
inferior conj	-2530 May 22 j 15:33	8°♉49'28	-3°-45'-37
minimum elong	-2530 May 22 j 09:52	8°♉58'31	3°44'30
morning rise	-2530 May 31 j 01:23	4°♉45'25	
direct	-2530 Jun 02 j 13:54	4°♉28'15	
morning max el	-2530 Jun 12 j 02:23	8°♉53'12	19°34'14
asc. node	-2530 Jun 22 j 12:17	23°♉14'50	
	-2530 Jun 26 j 03:52	0°♊	
morning set	-2530 Jun 29 j 12:00	6°♊34'33	
superior conj	-2530 Jul 07 j 14:38	22°♊49'53	1°46'36
minimum elong	-2530 Jul 07 j 13:28	22°♊44'13	1°46'38
	-2530 Jul 11 j 07:23	0°♋	
max. Earth dist.	-2530 Jul 13 j 12:27	4°♋09'48	1.37523 AU
evening rise	-2530 Jul 17 j 09:48	11°♋15'06	
	-2530 Jul 28 j 14:18	0°♌	
desc. node	-2530 Aug 02 j 22:20	8°♌08'41	
	-2530 Aug 19 j 15:11	0°♍	
evening max el	-2530 Aug 22 j 05:31	2°♍41'41	25°17'43
retrograde	-2530 Sep 03 j 04:12	9°♍36'32	
evening set	-2530 Sep 09 j 00:51	7°♍07'39	
min. Earth dist.	-2530 Sep 13 j 12:06	2°♍06'34	0.66967 AU
inferior conj	-2530 Sep 14 j 12:12	0°♍47'57	-1°-20'-25
minimum elong	-2530 Sep 14 j 14:08	0°♍41'38	1°19'37
	-2530 Sep 15 j 02:58	30°℞♌	
asc. node	-2530 Sep 18 j 11:26	26°♌07'50	
morning rise	-2530 Sep 20 j 03:57	24°♌46'00	
direct	-2530 Sep 23 j 13:28	23°♌39'09	
morning max el	-2530 Sep 30 j 22:08	27°♌52'27	19°38'34
	-2530 Oct 02 j 20:42	0°♍	
greatest brilliancy	-2530 Oct 09 j 09:26	8°♍38'06	-0.6m
	-2530 Oct 23 j 12:38	0°♎	
morning set	-2530 Oct 25 j 16:45	3°♎21'55	
desc. node	-2530 Oct 29 j 21:50	9°♎55'14	
max. Earth dist.	-2530 Nov 07 j 11:47	23°♎24'51	1.44288 AU
superior conj	-2530 Nov 11 j 11:49	29°♎48'04	-1°-15'-13
minimum elong	-2530 Nov 11 j 04:19	29°♎17'59	1°14'28
	-2530 Nov 11 j 14:47	0°♏	
evening rise	-2530 Nov 25 j 12:08	22°♏52'17	
	-2530 Nov 29 j 17:38	0°♐	
evening max el	-2530 Dec 14 j 05:11	21°♐31'43	18°21'30
asc. node	-2530 Dec 15 j 10:35	22°♐41'04	
retrograde	-2530 Dec 20 j 18:17	25°♐06'01	
evening set	-2530 Dec 23 j 15:09	24°♐21'43	
inferior conj	-2530 Dec 29 j 17:47	18°♐52'58	3°41'30
minimum elong	-2530 Dec 29 j 15:22	18°♐59'47	3°41'03
min. Earth dist.	-2529 Jan 01 j 00:06	16°♐20'01	0.63880 AU
morning rise	-2529 Jan 04 j 14:06	12°♐50'51	
direct	-2529 Jan 11 j 13:13	10°♐01'52	
morning max el	-2529 Jan 25 j 04:11	17°♐47'57	27°32'06
desc. node	-2529 Jan 25 j 21:11	18°♐30'46	
	-2529 Feb 04 j 10:59	0°♑	
	-2529 Feb 23 j 06:01	0°♒	
morning set	-2529 Feb 28 j 23:00	10°♒53'04	
max. Earth dist.	-2529 Mar 06 j 02:05	21°♒20'25	1.33430 AU
superior conj	-2529 Mar 08 j 19:39	27°♒06'59	0°-46'-36
minimum elong	-2529 Mar 08 j 21:45	27°♒18'14	0°46'14
	-2529 Mar 10 j 04:01	0°♓	
asc. node	-2529 Mar 13 j 09:56	6°♓57'53	
evening rise	-2529 Mar 16 j 00:54	12°♓31'51	
	-2529 Mar 25 j 00:39	0°♈	
evening max el	-2529 Apr 07 j 04:24	17°♈56'23	22°45'18
retrograde	-2529 Apr 20 j 08:53	24°♈25'27	
evening set	-2529 Apr 23 j 14:03	24°♈02'51	
desc. node	-2529 Apr 23 j 20:12	23°♈59'11	
min. Earth dist.	-2529 May 01 j 13:44	20°♈32'36	0.55481 AU
inferior conj	-2529 May 02 j 20:56	19°♈47'47	-2°-25'-22
minimum elong	-2529 May 02 j 15:01	19°♈56'19	2°23'34
morning rise	-2529 May 11 j 18:28	15°♈51'55	
direct	-2529 May 14 j 10:09	15°♈35'24	
morning max el	-2529 May 25 j 14:09	20°♈47'48	20°47'41
	-2529 Jun 02 j 03:05	0°♉	
asc. node	-2529 Jun 09 j 09:19	12°♉30'52	
morning set	-2529 Jun 13 j 18:22	21°♉13'47	
	-2529 Jun 18 j 00:04	0°♊	
superior conj	-2529 Jun 21 j 09:03	6°♊57'59	1°37'40
minimum elong	-2529 Jun 21 j 06:48	6°♊46'29	1°37'32
max. Earth dist.	-2529 Jun 25 j 20:26	15°♊57'12	1.35804 AU
evening rise	-2529 Jun 30 j 02:38	24°♊07'19	
	-2529 Jul 03 j 07:35	0°♋	
desc. node	-2529 Jul 20 j 19:22	28°♋04'14	
	-2529 Jul 22 j 04:24	0°♌	
evening max el	-2529 Aug 04 j 16:51	16°♌15'02	26°22'23
retrograde	-2529 Aug 17 j 10:37	23°♌27'24	
evening set	-2529 Aug 23 j 21:27	20°♌45'48	
min. Earth dist.	-2529 Aug 28 j 00:39	16°♌22'42	0.66201 AU
inferior conj	-2529 Aug 29 j 12:38	14°♌32'10	-2°-13'-13
minimum elong	-2529 Aug 29 j 15:46	14°♌22'33	2°12'02

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning rise	-2529 Sep 04 j 10:59	8°♌41'20	
asc. node	-2529 Sep 05 j 08:30	8°♌15'01	
direct	-2529 Sep 07 j 11:36	7°♌49'08	
morning max el	-2529 Sep 14 j 07:03	11°♌37'39	18°47'46
	-2529 Sep 27 j 11:11	0°♍	
morning set	-2529 Oct 05 j 10:40	12°♍39'38	
	-2529 Oct 16 j 09:34	0°♎	
desc. node	-2529 Oct 16 j 18:49	0°♎36'27	
max. Earth dist.	-2529 Oct 21 j 05:06	7°♎34'52	1.44876 AU
superior conj	-2529 Oct 21 j 14:38	8°♎12'25	0°-30'-38
minimum elong	-2529 Oct 21 j 10:37	7°♎56'39	0°30'08
	-2529 Nov 04 j 08:29	0°♏	
evening rise	-2529 Nov 06 j 10:04	3°♏18'49	
	-2529 Nov 23 j 14:09	0°♐	
evening max el	-2529 Nov 27 j 16:21	4°♐56'27	18°52'39
asc. node	-2529 Dec 02 j 07:38	8°♐21'37	
retrograde	-2529 Dec 04 j 11:52	8°♐47'46	
evening set	-2529 Dec 07 j 14:23	7°♐52'32	
inferior conj	-2529 Dec 13 j 09:55	2°♐06'30	3°12'07
minimum elong	-2529 Dec 13 j 06:54	2°♐15'44	3°11'20
min. Earth dist.	-2529 Dec 15 j 01:17	0°♐05'31	0.65308 AU
	-2529 Dec 15 j 03:07	30°℞♏	
morning rise	-2529 Dec 18 j 22:26	25°♏57'20	
direct	-2529 Dec 25 j 12:45	23°♏07'42	
	-2528 Jan 06 j 20:07	0°♐	
morning max el	-2528 Jan 07 j 13:42	0°♐43'10	26°48'24
desc. node	-2528 Jan 12 j 18:12	6°♐26'02	
	-2528 Jan 29 j 11:15	0°♑	
morning set	-2528 Feb 12 j 09:14	24°♑23'14	
	-2528 Feb 15 j 06:36	0°♒	
max. Earth dist.	-2528 Feb 16 j 19:28	3°♒03'32	1.34532 AU
superior conj	-2528 Feb 20 j 21:24	11°♒23'57	-1°-10'-54
minimum elong	-2528 Feb 21 j 00:25	11°♒39'39	1°10'28
evening rise	-2528 Feb 28 j 10:27	27°♒12'07	
asc. node	-2528 Feb 28 j 06:58	26°♒54'01	
	-2528 Feb 29 j 19:05	0°♓	
evening max el	-2528 Mar 19 j 03:00	28°♓51'22	21°15'33
	-2528 Mar 20 j 09:16	0°♈	
retrograde	-2528 Mar 30 j 22:45	4°♈32'50	
evening set	-2528 Apr 02 j 09:14	4°♈19'11	
desc. node	-2528 Apr 09 j 17:15	1°♈25'20	
inferior conj	-2528 Apr 11 j 16:08	0°♈20'06	0°-32'-56
minimum elong	-2528 Apr 11 j 14:35	0°♈22'18	0°32'24
min. Earth dist.	-2528 Apr 12 j 03:16	0°♈04'25	0.55105 AU
	-2528 Apr 12 j 06:25	30°℞♓	
morning rise	-2528 Apr 20 j 19:40	26°♓16'08	
direct	-2528 Apr 23 j 21:50	25°♓55'20	
	-2528 May 04 j 06:55	0°♈	
morning max el	-2528 May 06 j 15:06	2°♈00'27	22°18'05
	-2528 May 25 j 04:31	0°♉	
asc. node	-2528 May 26 j 06:21	2°♉09'55	
morning set	-2528 May 28 j 04:25	6°♉06'42	
superior conj	-2528 Jun 04 j 11:19	21°♉31'25	1°23'12
minimum elong	-2528 Jun 04 j 08:42	21°♉17'38	1°22'54
max. Earth dist.	-2528 Jun 07 j 14:03	28°♉01'08	1.34426 AU
	-2528 Jun 08 j 13:15	0°♊	
evening rise	-2528 Jun 12 j 10:54	7°♊47'02	
	-2528 Jun 24 j 21:03	0°♋	
desc. node	-2528 Jul 06 j 16:23	17°♋29'53	
evening max el	-2528 Jul 17 j 04:31	29°♋41'08	27°07'10
	-2528 Jul 17 j 12:25	0°♌	
retrograde	-2528 Jul 30 j 11:35	7°♌01'25	
evening set	-2528 Aug 06 j 09:52	4°♌15'01	
min. Earth dist.	-2528 Aug 10 j 05:48	0°♌30'10	0.65071 AU
	-2528 Aug 10 j 16:36	30°℞♋	
inferior conj	-2528 Aug 12 j 06:59	28°♋10'54	-3°-2'-25
minimum elong	-2528 Aug 12 j 10:57	27°♋59'40	3°01'10
morning rise	-2528 Aug 18 j 13:24	22°♋34'38	
direct	-2528 Aug 21 j 07:29	21°♋53'46	
asc. node	-2528 Aug 22 j 05:33	21°♋58'20	
morning max el	-2528 Aug 27 j 20:24	25°♋26'13	18°13'33
	-2528 Aug 31 j 15:56	0°♌	
morning set	-2528 Sep 15 j 08:26	23°♌19'20	
	-2528 Sep 19 j 09:29	0°♍	
superior conj	-2528 Sep 29 j 17:13	16°♍41'30	0°18'53
minimum elong	-2528 Sep 29 j 19:33	16°♍50'47	0°18'36
desc. node	-2528 Oct 02 j 15:49	21°♍21'32	
max. Earth dist.	-2528 Oct 02 j 23:53	21°♍53'25	1.44729 AU
	-2528 Oct 08 j 03:39	0°♎	
evening rise	-2528 Oct 16 j 08:12	12°♎46'31	
	-2528 Oct 27 j 11:57	0°♏	
greatest brilliancy	-2528 Nov 01 j 19:55	7°♏55'53	-0.7m
evening max el	-2528 Nov 09 j 23:47	18°♏23'16	19°40'12
retrograde	-2528 Nov 17 j 08:36	22°♏40'21	
asc. node	-2528 Nov 18 j 04:40	22°♏36'19	
evening set	-2528 Nov 20 j 18:37	21°♏32'02	
inferior conj	-2528 Nov 26 j 09:01	15°♏31'43	2°33'19
minimum elong	-2528 Nov 26 j 06:08	15°♏41'11	2°32'22
min. Earth dist.	-2528 Nov 27 j 10:45	14°♏07'31	0.66363 AU
morning rise	-2528 Dec 01 j 16:58	9°♏17'43	
direct	-2528 Dec 07 j 18:00	6°♏39'07	
morning max el	-2528 Dec 19 j 22:55	13°♏52'10	25°40'38
desc. node	-2528 Dec 29 j 15:14	25°♏15'49	
	-2527 Jan 02 j 03:08	0°♐	
	-2527 Jan 21 j 05:37	0°♑	
morning set	-2527 Jan 25 j 04:22	7°♑03'15	
max. Earth dist.	-2527 Jan 29 j 01:17	14°♑16'43	1.36077 AU
superior conj	-2527 Feb 03 j 15:12	25°♑11'59	-1°-32'-21
minimum elong	-2527 Feb 03 j 18:36	25°♑29'03	1°32'02
	-2527 Feb 06 j 00:12	0°♒	
evening rise	-2527 Feb 11 j 16:09	11°♒34'37	
asc. node	-2527 Feb 14 j 03:59	16°♒35'03	
	-2527 Feb 21 j 12:49	0°♓	
evening max el	-2527 Mar 01 j 11:50	10°♓19'11	20°00'01
retrograde	-2527 Mar 11 j 15:09	15°♓09'05	
evening set	-2527 Mar 13 j 20:43	14°♓56'03	
inferior conj	-2527 Mar 22 j 15:15	10°♓55'34	1°21'33
minimum elong	-2527 Mar 22 j 18:37	10°♓50'25	1°20'25
min. Earth dist.	-2527 Mar 24 j 17:20	9°♓39'33	0.55668 AU
desc. node	-2527 Mar 27 j 14:19	8°♓03'02	
morning rise	-2527 Mar 31 j 13:41	6°♓26'17	
direct	-2527 Apr 04 j 13:19	5°♓51'21	
morning max el	-2527 Apr 18 j 08:18	12°♓42'10	23°57'31
	-2527 May 01 j 13:00	0°♈	
morning set	-2527 May 12 j 16:16	21°♈06'47	
asc. node	-2527 May 13 j 03:23	22°♈05'10	
	-2527 May 16 j 20:10	0°♉	
superior conj	-2527 May 19 j 18:46	6°♉21'11	1°04'34
minimum elong	-2527 May 19 j 16:21	6°♉08'12	1°04'11
max. Earth dist.	-2527 May 21 j 16:57	10°♉28'46	1.33424 AU
evening rise	-2527 May 27 j 06:13	22°♉00'42	
	-2527 May 31 j 08:15	0°♊	
	-2527 Jun 18 j 17:24	0°♋	
desc. node	-2527 Jun 23 j 13:26	6°♋12'27	
evening max el	-2527 Jun 29 j 14:53	12°♋47'03	27°25'10
retrograde	-2527 Jul 13 j 06:49	20°♋09'22	
evening set	-2527 Jul 20 j 10:56	17°♋29'51	
min. Earth dist.	-2527 Jul 24 j 01:39	14°♋19'03	0.63563 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2527 Jul 26 j 16:38	11°♋38'00	-3°-44'-58
minimum elong	-2527 Jul 26 j 20:42	11°♋27'35	3°44'01
morning rise	-2527 Aug 02 j 08:28	6°♋19'40	
direct	-2527 Aug 04 j 22:18	5°♋47'12	
asc. node	-2527 Aug 09 j 02:36	7°♋12'57	
morning max el	-2527 Aug 11 j 11:36	9°♋12'11	17°56'47
	-2527 Aug 25 j 07:59	0°♌	
morning set	-2527 Aug 28 j 07:34	5°♌11'12	
superior conj	-2527 Sep 09 j 15:56	26°♌12'01	1°01'04
minimum elong	-2527 Sep 09 j 21:23	26°♌34'29	1°00'27
	-2527 Sep 11 j 23:30	0°♍	
max. Earth dist.	-2527 Sep 15 j 16:10	5°♍58'30	1.43871 AU
desc. node	-2527 Sep 19 j 12:49	12°♍06'53	
evening rise	-2527 Sep 25 j 14:41	21°♍36'03	
	-2527 Oct 01 j 02:15	0°♎	
greatest brilliancy	-2527 Oct 18 j 03:50	24°♎46'24	-0.5m
	-2527 Oct 22 j 09:15	0°♏	
evening max el	-2527 Oct 24 j 01:45	1°♏49'54	20°42'11
retrograde	-2527 Nov 01 j 06:03	6°♏40'08	
evening set	-2527 Nov 05 j 01:42	5°♏16'26	
asc. node	-2527 Nov 05 j 01:43	5°♏16'24	
	-2527 Nov 09 j 20:34	30°℞♎	
inferior conj	-2527 Nov 10 j 12:41	29°♎05'22	1°47'54
minimum elong	-2527 Nov 10 j 10:25	29°♎13'05	1°47'01
min. Earth dist.	-2527 Nov 11 j 02:26	28°♎18'36	0.67056 AU
morning rise	-2527 Nov 15 j 18:41	22°♎48'54	
direct	-2527 Nov 21 j 04:32	20°♎28'32	
morning max el	-2527 Dec 02 j 07:36	27°♎06'43	24°18'21
	-2527 Dec 05 j 00:28	0°♏	
desc. node	-2527 Dec 16 j 12:17	14°♏44'23	
	-2527 Dec 26 j 19:01	0°♐	
morning set	-2526 Jan 07 j 02:37	18°♐37'35	
max. Earth dist.	-2526 Jan 10 j 22:26	25°♐23'34	1.37989 AU
	-2526 Jan 13 j 11:04	0°♑	
superior conj	-2526 Jan 17 j 21:40	8°♑21'56	-1°-48'-46
minimum elong	-2526 Jan 18 j 00:29	8°♑35'25	1°48'40
evening rise	-2526 Jan 26 j 15:41	25°♑32'58	
	-2526 Jan 28 j 22:10	0°♒	
asc. node	-2526 Feb 01 j 01:00	5°♒55'18	
evening max el	-2526 Feb 12 j 07:16	22°♒24'10	19°03'09
retrograde	-2526 Feb 20 j 21:23	26°♒31'21	
evening set	-2526 Feb 23 j 05:09	26°♒14'32	
inferior conj	-2526 Mar 03 j 06:23	22°♒00'08	2°49'00
minimum elong	-2526 Mar 03 j 11:08	21°♒51'50	2°47'49
min. Earth dist.	-2526 Mar 06 j 09:03	19°♒50'35	0.57039 AU
morning rise	-2526 Mar 11 j 13:07	16°♒59'18	
desc. node	-2526 Mar 14 j 11:23	16°♒08'05	
direct	-2526 Mar 16 j 17:23	15°♒55'57	
morning max el	-2526 Mar 30 j 23:24	23°♒17'14	25°32'51
	-2526 Apr 05 j 23:52	0°♓	
	-2526 Apr 24 j 04:43	0°♈	
morning set	-2526 Apr 27 j 04:18	6°♈08'12	
asc. node	-2526 Apr 30 j 00:26	12°♈11'19	
superior conj	-2526 May 04 j 05:17	21°♈20'17	0°42'53
minimum elong	-2526 May 04 j 03:31	21°♈10'36	0°42'33
max. Earth dist.	-2526 May 05 j 02:37	23°♈16'29	1.32790 AU
	-2526 May 08 j 05:24	0°♉	
evening rise	-2526 May 11 j 09:14	6°♉37'52	
	-2526 May 23 j 21:30	0°♊	
desc. node	-2526 Jun 10 j 10:27	23°♊53'46	
evening max el	-2526 Jun 11 j 21:47	25°♊21'08	27°11'35
	-2526 Jun 17 j 17:18	0°♋	
retrograde	-2526 Jun 25 j 19:42	2°♋42'04	
evening set	-2526 Jul 02 j 20:44	0°♋23'45	
	-2526 Jul 03 j 10:57	30°℞♊	
min. Earth dist.	-2526 Jul 06 j 11:32	27°♊36'34	0.61727 AU
inferior conj	-2526 Jul 09 j 14:30	24°♊46'46	-4°-16'-10
minimum elong	-2526 Jul 09 j 17:26	24°♊40'05	4°15'45
morning rise	-2526 Jul 16 j 16:54	19°♊48'58	
direct	-2526 Jul 19 j 04:36	19°♊22'34	
morning max el	-2526 Jul 26 j 01:49	22°♊49'14	17°58'23
asc. node	-2526 Jul 26 j 23:41	23°♊45'29	
	-2526 Jul 31 j 17:07	0°♋	
morning set	-2526 Aug 11 j 02:30	17°♋59'54	
	-2526 Aug 17 j 17:46	0°♌	
superior conj	-2526 Aug 21 j 18:15	7°♌04'17	1°29'44
minimum elong	-2526 Aug 21 j 22:50	7°♌24'11	1°29'23
max. Earth dist.	-2526 Aug 29 j 03:20	19°♌32'56	1.42430 AU
evening rise	-2526 Sep 04 j 23:31	0°♍34'34	
	-2526 Sep 04 j 14:46	0°♍	
desc. node	-2526 Sep 06 j 09:49	2°♍49'21	
	-2526 Sep 24 j 16:42	0°♎	
greatest brilliancy	-2526 Oct 02 j 02:23	9°♎48'33	-0.4m
evening max el	-2526 Oct 06 j 21:42	15°♎16'08	21°55'22
retrograde	-2526 Oct 16 j 02:14	20°♎43'57	
evening set	-2526 Oct 20 j 09:40	19°♎02'42	
asc. node	-2526 Oct 22 j 22:47	16°♎28'50	
inferior conj	-2526 Oct 25 j 18:49	12°♎44'34	0°57'52
minimum elong	-2526 Oct 25 j 17:31	12°♎49'06	0°57'18
min. Earth dist.	-2526 Oct 25 j 21:47	12°♎34'19	0.67427 AU
morning rise	-2526 Oct 31 j 01:08	6°♎28'21	
direct	-2526 Nov 04 j 19:43	4°♎29'32	
morning max el	-2526 Nov 14 j 17:43	10°♎23'58	22°51'17
greatest brilliancy	-2526 Nov 19 j 12:14	15°♎45'18	-0.3m
	-2526 Nov 30 j 03:59	0°♏	
desc. node	-2526 Dec 03 j 09:18	4°♏40'03	
morning set	-2526 Dec 18 j 21:50	28°♏50'02	
	-2526 Dec 19 j 14:46	0°♐	
max. Earth dist.	-2526 Dec 23 j 18:05	6°♐58'16	1.40079 AU
superior conj	-2526 Dec 31 j 12:14	20°♐41'13	-1°-57'-11
minimum elong	-2526 Dec 31 j 12:58	20°♐44'33	1°57'15
	-2525 Jan 05 j 12:38	0°♑	
evening rise	-2525 Jan 10 j 06:09	8°♑59'00	
asc. node	-2525 Jan 18 j 22:03	24°♑46'57	
	-2525 Jan 22 j 07:13	0°♒	
evening max el	-2525 Jan 26 j 11:14	4°♒59'54	18°26'12
retrograde	-2525 Feb 02 j 21:56	8°♒39'31	
evening set	-2525 Feb 05 j 09:26	8°♒16'24	
inferior conj	-2525 Feb 12 j 18:00	3°♒41'44	3°39'41
minimum elong	-2525 Feb 12 j 20:58	3°♒35'41	3°39'14
min. Earth dist.	-2525 Feb 16 j 03:56	0°♒56'21	0.58929 AU
	-2525 Feb 17 j 10:14	30°℞♑	
morning rise	-2525 Feb 20 j 04:55	28°♑15'13	
direct	-2525 Feb 26 j 10:49	26°♑33'40	
desc. node	-2525 Mar 01 j 08:28	26°♑55'04	
	-2525 Mar 07 j 18:24	0°♒	
morning max el	-2525 Mar 12 j 17:38	4°♒10'38	26°49'08
	-2525 Mar 31 j 14:26	0°♓	
morning set	-2525 Apr 11 j 14:46	21°♓03'40	
	-2525 Apr 15 j 19:16	0°♈	
asc. node	-2525 Apr 16 j 21:29	2°♈22'46	
superior conj	-2525 Apr 18 j 17:02	6°♈21'09	0°19'01
minimum elong	-2525 Apr 18 j 16:12	6°♈16'33	0°18'51
max. Earth dist.	-2525 Apr 18 j 15:33	6°♈13'01	1.32506 AU
evening rise	-2525 Apr 25 j 17:13	21°♈28'30	
	-2525 Apr 29 j 22:02	0°♉	
	-2525 May 18 j 10:45	0°♊	
evening max el	-2525 May 24 j 23:05	7°♊14'09	26°25'24

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

desc. node	-2525 May 28 j 07:30	10°♊08'02	
retrograde	-2525 Jun 08 j 00:32	14°♊31'13	
evening set	-2525 Jun 14 j 10:53	12°♊47'00	
min. Earth dist.	-2525 Jun 18 j 12:18	10°♊07'27	0.59693 AU
inferior conj	-2525 Jun 21 j 21:01	7°♊28'12	-4°-28'-45
minimum elong	-2525 Jun 21 j 21:11	7°♊27'53	4°28'42
morning rise	-2525 Jun 29 j 10:58	2°♊52'30	
direct	-2525 Jul 01 j 22:19	2°♊30'26	
morning max el	-2525 Jul 09 j 12:07	6°♊09'17	18°19'28
asc. node	-2525 Jul 13 j 20:47	11°♊20'20	
	-2525 Jul 24 j 16:39	0°♋	
morning set	-2525 Jul 25 j 12:06	1°♋32'17	
superior conj	-2525 Aug 03 j 21:30	19°♋11'13	1°44'46
minimum elong	-2525 Aug 03 j 23:38	19°♋21'02	1°44'45
	-2525 Aug 09 j 23:02	0°♌	
max. Earth dist.	-2525 Aug 11 j 09:06	2°♌27'04	1.40601 AU
evening rise	-2525 Aug 16 j 03:55	10°♌29'18	
desc. node	-2525 Aug 24 j 06:49	23°♌25'29	
	-2525 Aug 28 j 14:52	0°♍	
greatest brilliancy	-2525 Sep 13 j 13:20	21°♍59'43	-0.2m
evening max el	-2525 Sep 19 j 12:32	28°♍44'02	23°14'58
	-2525 Sep 20 j 19:57	0°♎	
retrograde	-2525 Sep 29 j 19:39	4°♎49'39	
evening set	-2525 Oct 04 j 16:48	2°♎49'21	
	-2525 Oct 07 j 09:38	30°℞♍	
asc. node	-2525 Oct 09 j 19:53	26°♍47'40	
inferior conj	-2525 Oct 10 j 01:38	26°♍27'54	0°04'57
minimum elong	-2525 Oct 10 j 01:31	26°♍28'18	0°04'54
transit middle	-2525 Oct 10 j 01:31	26°♍28'18	0°04'54
transit begin	-2525 Oct 09 j 22:56	26°♍37'10	
transit end	-2525 Oct 10 j 04:05	26°♍19'26	
min. Earth dist.	-2525 Oct 09 j 18:21	26°♍52'55	0.67494 AU
morning rise	-2525 Oct 15 j 10:13	20°♍14'54	
direct	-2525 Oct 19 j 14:35	18°♍37'53	
morning max el	-2525 Oct 28 j 08:40	23°♍47'34	21°28'04
greatest brilliancy	-2525 Nov 02 j 12:32	29°♍43'57	-0.4m
	-2525 Nov 02 j 17:37	0°♎	
desc. node	-2525 Nov 20 j 06:20	24°♎55'14	
	-2525 Nov 23 j 14:08	0°♏	
morning set	-2525 Nov 28 j 12:34	7°♏41'41	
max. Earth dist.	-2525 Dec 05 j 19:31	19°♏26'44	1.42060 AU
	-2525 Dec 12 j 02:16	0°♐	
superior conj	-2525 Dec 13 j 05:26	1°♐56'51	-1°-53'-42
minimum elong	-2525 Dec 13 j 02:27	1°♐44'01	1°53'39
evening rise	-2525 Dec 24 j 08:04	21°♐45'40	
	-2525 Dec 28 j 21:14	0°♑	
asc. node	-2524 Jan 05 j 19:06	13°♑01'20	
evening max el	-2524 Jan 09 j 20:51	17°♑58'32	18°09'09
retrograde	-2524 Jan 16 j 15:31	21°♑26'07	
evening set	-2524 Jan 19 j 06:24	20°♑55'31	
inferior conj	-2524 Jan 26 j 01:02	15°♑58'38	3°58'04
minimum elong	-2524 Jan 26 j 01:23	15°♑57'47	3°57'59
min. Earth dist.	-2524 Jan 29 j 04:50	13°♑01'42	0.60980 AU
morning rise	-2524 Feb 01 j 17:46	10°♑14'18	
direct	-2524 Feb 08 j 14:52	7°♑56'55	
desc. node	-2524 Feb 16 j 05:34	10°♑25'14	
morning max el	-2524 Feb 22 j 17:57	15°♑41'00	27°34'22
	-2524 Mar 05 j 11:19	0°♒	
	-2524 Mar 23 j 01:07	0°♓	
morning set	-2524 Mar 25 j 21:49	5°♓46'42	
max. Earth dist.	-2524 Apr 01 j 04:04	19°♓05'37	1.32570 AU
superior conj	-2524 Apr 02 j 04:19	21°♓17'51	0°-6'-14
minimum elong	-2524 Apr 02 j 04:36	21°♓19'23	0°06'11
behind sun begin	-2524 Apr 01 j 23:55	20°♓53'50	
behind sun end	-2524 Apr 02 j 09:17	21°♓44'57	
asc. node	-2524 Apr 02 j 18:31	22°♓35'25	
	-2524 Apr 06 j 04:04	0°♈	
evening rise	-2524 Apr 09 j 04:02	6°♈25'02	
	-2524 Apr 21 j 15:59	0°♉	
evening max el	-2524 May 05 j 18:03	18°♉25'12	25°11'05
desc. node	-2524 May 14 j 04:35	24°♉21'21	
retrograde	-2524 May 19 j 19:00	25°♉34'00	
evening set	-2524 May 25 j 02:43	24°♉28'29	
min. Earth dist.	-2524 May 30 j 06:06	21°♉39'47	0.57709 AU
inferior conj	-2524 Jun 02 j 08:43	19°♉32'29	-4°-12'-28
minimum elong	-2524 Jun 02 j 04:57	19°♉38'59	4°11'58
morning rise	-2524 Jun 10 j 11:08	15°♉18'11	
direct	-2524 Jun 12 j 23:16	14°♉59'22	
morning max el	-2524 Jun 21 j 15:33	19°♉03'04	19°00'59
asc. node	-2524 Jun 29 j 17:52	29°♉43'20	
	-2524 Jun 29 j 21:54	0°♊	
morning set	-2524 Jul 08 j 08:08	15°♊37'16	
	-2524 Jul 15 j 15:34	0°♋	
superior conj	-2524 Jul 16 j 19:58	2°♋16'55	1°48'32
minimum elong	-2524 Jul 16 j 19:48	2°♋16'10	1°48'36
max. Earth dist.	-2524 Jul 23 j 11:43	14°♋41'13	1.38628 AU
evening rise	-2524 Jul 27 j 10:01	21°♋38'01	
	-2524 Aug 01 j 08:56	0°♌	
desc. node	-2524 Aug 10 j 03:50	13°♌50'40	
	-2524 Aug 21 j 13:56	0°♍	
evening max el	-2524 Sep 01 j 00:17	12°♍14'38	24°34'42
retrograde	-2524 Sep 12 j 09:15	18°♍53'26	
evening set	-2524 Sep 17 j 21:23	16°♍34'14	
min. Earth dist.	-2524 Sep 22 j 13:36	11°♍12'24	0.67256 AU
inferior conj	-2524 Sep 23 j 07:22	10°♍13'00	0°-49'-16
minimum elong	-2524 Sep 23 j 08:33	10°♍09'03	0°48'45
asc. node	-2524 Sep 25 j 16:58	7°♍08'00	
morning rise	-2524 Sep 28 j 20:02	4°♍06'19	
direct	-2524 Oct 02 j 11:52	2°♍49'19	
morning max el	-2524 Oct 10 j 06:50	7°♍20'17	20°14'44
greatest brilliancy	-2524 Oct 17 j 03:03	15°♍39'24	-0.6m
	-2524 Oct 27 j 01:08	0°♎	
morning set	-2524 Nov 06 j 10:31	15°♎51'31	
desc. node	-2524 Nov 06 j 03:19	15°♎23'40	
	-2524 Nov 15 j 10:51	0°♏	
max. Earth dist.	-2524 Nov 17 j 04:54	2°♏47'58	1.43644 AU
superior conj	-2524 Nov 22 j 20:05	11°♏56'24	-1°-34'-20
minimum elong	-2524 Nov 22 j 13:17	11°♏28'29	1°33'49
	-2524 Dec 03 j 13:18	0°♐	
evening rise	-2524 Dec 05 j 17:08	3°♐43'58	
	-2524 Dec 22 j 06:30	0°♑	
asc. node	-2524 Dec 22 j 16:08	0°♑26'53	
evening max el	-2524 Dec 23 j 09:07	1°♑11'30	18°11'35
retrograde	-2524 Dec 29 j 21:48	4°♑40'20	
evening set	-2523 Jan 01 j 16:13	4°♑01'20	
	-2523 Jan 06 j 18:38	30°℞♐	
inferior conj	-2523 Jan 07 j 23:53	28°♐43'21	3°52'35
minimum elong	-2523 Jan 07 j 22:13	28°♐47'47	3°52'22
min. Earth dist.	-2523 Jan 10 j 14:39	25°♐57'02	0.62898 AU
morning rise	-2523 Jan 14 j 02:24	22°♐46'33	
direct	-2523 Jan 21 j 03:21	20°♐05'05	
desc. node	-2523 Feb 02 j 02:37	26°♐05'03	
morning max el	-2523 Feb 04 j 00:00	27°♐52'02	27°43'19
	-2523 Feb 06 j 01:31	0°♑	
	-2523 Feb 27 j 04:02	0°♒	
morning set	-2523 Mar 09 j 23:12	20°♒09'48	
	-2523 Mar 14 j 17:19	0°♓	
max. Earth dist.	-2523 Mar 15 j 12:18	1°♓40'55	1.32999 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2523 Mar 17 j 13:27	6°♓04'34	0°-31'-56
minimum elong	-2523 Mar 17 j 14:55	6°♓12'28	0°31'40
asc. node	-2523 Mar 20 j 15:32	12°♓45'18	
evening rise	-2523 Mar 24 j 15:47	21°♓20'40	
	-2523 Mar 28 j 21:23	0°♈	
evening max el	-2523 Apr 17 j 09:28	29°♈08'45	23°39'48
	-2523 Apr 18 j 07:28	0°♉	
retrograde	-2523 May 01 j 01:22	5°♉58'06	
desc. node	-2523 May 01 j 01:39	5°♉58'06	
evening set	-2523 May 05 j 00:00	5°♉23'50	
min. Earth dist.	-2523 May 11 j 20:22	2°♉12'18	0.56100 AU
inferior conj	-2523 May 14 j 00:20	0°♉54'04	-3°-16'-43
minimum elong	-2523 May 13 j 17:56	1°♉03'44	3°15'08
	-2523 May 15 j 12:36	30°℞♈	
morning rise	-2523 May 22 j 15:30	26°♈55'32	
direct	-2523 May 25 j 05:05	26°♈38'56	
	-2523 Jun 02 j 19:17	0°♉	
morning max el	-2523 Jun 04 j 09:36	1°♉22'04	20°03'08
asc. node	-2523 Jun 16 j 14:55	18°♉43'08	
morning set	-2523 Jun 22 j 11:29	0°♊06'44	
	-2523 Jun 22 j 10:09	0°♊	
superior conj	-2523 Jun 30 j 08:25	16°♊06'49	1°43'36
minimum elong	-2523 Jun 30 j 06:42	15°♊58'14	1°43'34
max. Earth dist.	-2523 Jul 05 j 16:06	26°♊31'31	1.36757 AU
	-2523 Jul 07 j 12:19	0°♋	
evening rise	-2523 Jul 09 j 15:40	3°♋56'42	
	-2523 Jul 25 j 08:11	0°♌	
desc. node	-2523 Jul 28 j 00:51	3°♌59'31	
evening max el	-2523 Aug 14 j 11:13	25°♌47'49	25°47'01
	-2523 Aug 19 j 09:47	0°♍	
retrograde	-2523 Aug 26 j 18:28	2°♍51'15	
evening set	-2523 Sep 01 j 21:31	0°♍15'54	
	-2523 Sep 02 j 04:45	30°℞♌	
min. Earth dist.	-2523 Sep 06 j 05:12	25°♌31'05	0.66692 AU
inferior conj	-2523 Sep 07 j 10:17	23°♌58'26	-1°-43'-7
minimum elong	-2523 Sep 07 j 12:45	23°♌50'34	1°42'07
asc. node	-2523 Sep 12 j 14:03	18°♌25'49	
morning rise	-2523 Sep 13 j 04:41	18°♌01'06	
direct	-2523 Sep 16 j 10:07	17°♌00'59	
morning max el	-2523 Sep 23 j 12:20	21°♌02'23	19°15'01
	-2523 Sep 30 j 15:11	0°♍	
morning set	-2523 Oct 16 j 15:24	24°♍29'00	
	-2523 Oct 20 j 04:01	0°♎	
desc. node	-2523 Oct 24 j 00:18	6°♎01'19	
max. Earth dist.	-2523 Oct 30 j 20:04	16°♎45'13	1.44627 AU
superior conj	-2523 Nov 02 j 08:42	20°♎45'13	0°-57'-41
minimum elong	-2523 Nov 02 j 01:58	20°♎18'29	0°56'55
	-2523 Nov 08 j 03:34	0°♏	
evening rise	-2523 Nov 17 j 04:55	14°♏45'50	
	-2523 Nov 26 j 11:38	0°♐	
evening max el	-2523 Dec 06 j 21:19	14°♐32'46	18°32'37
asc. node	-2523 Dec 09 j 13:11	16°♐50'00	
retrograde	-2523 Dec 13 j 12:23	18°♐13'35	
evening set	-2523 Dec 16 j 11:23	17°♐24'54	
inferior conj	-2523 Dec 22 j 10:42	11°♐48'14	3°30'24
minimum elong	-2523 Dec 22 j 07:56	11°♐56'20	3°29'49
min. Earth dist.	-2523 Dec 24 j 10:31	9°♐27'56	0.64524 AU
morning rise	-2523 Dec 28 j 03:14	5°♐42'34	
direct	-2522 Jan 03 j 23:09	2°♐51'48	
morning max el	-2522 Jan 17 j 09:13	10°♐35'14	27°17'10
desc. node	-2522 Jan 19 j 23:39	13°♐19'07	
	-2522 Feb 01 j 18:46	0°♑	
	-2522 Feb 19 j 13:36	0°♒	
morning set	-2522 Feb 21 j 16:01	4°♒02'46	
max. Earth dist.	-2522 Feb 26 j 12:04	13°♒44'56	1.33837 AU
superior conj	-2522 Mar 01 j 18:30	20°♒34'15	0°-57'-8
minimum elong	-2522 Mar 01 j 21:03	20°♒47'39	0°56'44
	-2522 Mar 06 j 04:57	0°♓	
asc. node	-2522 Mar 07 j 12:32	2°♓47'39	
evening rise	-2522 Mar 09 j 02:39	6°♓08'11	
	-2522 Mar 22 j 02:55	0°♈	
evening max el	-2522 Mar 30 j 03:34	9°♈51'33	22°05'54
retrograde	-2522 Apr 11 j 20:07	16°♈02'44	
evening set	-2522 Apr 14 j 15:17	15°♈45'22	
desc. node	-2522 Apr 17 j 22:43	14°♈44'04	
inferior conj	-2522 Apr 23 j 23:56	11°♈38'33	-1°-40'-11
minimum elong	-2522 Apr 23 j 19:26	11°♈44'54	1°38'42
min. Earth dist.	-2522 Apr 23 j 10:01	11°♈58'10	0.55201 AU
morning rise	-2522 May 03 j 01:07	7°♈41'43	
direct	-2522 May 05 j 19:42	7°♈24'26	
morning max el	-2522 May 17 j 16:47	12°♈59'12	21°24'25
	-2522 May 30 j 03:24	0°♉	
asc. node	-2522 Jun 03 j 11:57	8°♉09'47	
morning set	-2522 Jun 06 j 19:39	14°♉52'37	
superior conj	-2522 Jun 14 j 06:35	0°♊27'15	1°32'08
minimum elong	-2522 Jun 14 j 04:06	0°♊14'22	1°31'55
	-2522 Jun 14 j 01:20	0°♊	
max. Earth dist.	-2522 Jun 18 j 03:40	8°♊22'39	1.35171 AU
evening rise	-2522 Jun 22 j 15:39	17°♊10'53	
	-2522 Jun 29 j 16:45	0°♋	
desc. node	-2522 Jul 14 j 21:54	23°♋43'49	
	-2522 Jul 19 j 15:43	0°♌	
evening max el	-2522 Jul 27 j 22:33	9°♌18'34	26°44'10
retrograde	-2522 Aug 09 j 22:48	16°♌36'09	
evening set	-2522 Aug 16 j 15:00	13°♌51'02	
min. Earth dist.	-2522 Aug 20 j 14:51	9°♌44'29	0.65768 AU
inferior conj	-2522 Aug 22 j 08:24	7°♌40'49	-2°-34'-43
minimum elong	-2522 Aug 22 j 11:57	7°♌30'16	2°33'27
morning rise	-2522 Aug 28 j 10:03	1°♌55'57	
asc. node	-2522 Aug 30 j 11:06	1°♌13'12	
direct	-2522 Aug 31 j 07:28	1°♌09'10	
morning max el	-2522 Sep 06 j 23:29	4°♌50'01	18°31'05
	-2522 Sep 24 j 04:22	0°♍	
morning set	-2522 Sep 26 j 20:54	4°♍21'09	
desc. node	-2522 Oct 10 j 21:19	26°♍44'50	
superior conj	-2522 Oct 12 j 08:35	29°♍03'55	0°-9'-26
minimum elong	-2522 Oct 12 j 07:20	28°♍59'00	0°09'16
behind sun begin	-2522 Oct 11 j 21:55	28°♍21'52	
behind sun end	-2522 Oct 12 j 16:45	29°♍36'08	
	-2522 Oct 12 j 22:49	0°♎	
max. Earth dist.	-2522 Oct 13 j 13:55	0°♎59'28	1.44899 AU
evening rise	-2522 Oct 28 j 16:24	24°♎46'19	
	-2522 Oct 31 j 23:45	0°♏	
evening max el	-2522 Nov 20 j 07:05	27°♏58'41	19°11'00
	-2522 Nov 22 j 12:12	0°♐	
asc. node	-2522 Nov 26 j 10:13	1°♐55'50	
retrograde	-2522 Nov 27 j 07:40	2°♐00'21	
evening set	-2522 Nov 30 j 13:01	1°♐00'01	
	-2522 Dec 01 j 21:24	30°℞♏	
inferior conj	-2522 Dec 06 j 06:09	25°♏07'37	2°56'38
minimum elong	-2522 Dec 06 j 03:07	25°♏17'13	2°55'45
min. Earth dist.	-2522 Dec 07 j 15:37	23°♏21'39	0.65796 AU
morning rise	-2522 Dec 11 j 16:20	18°♏55'53	
direct	-2522 Dec 18 j 01:21	16°♏09'31	
morning max el	-2522 Dec 30 j 18:47	23°♏38'00	26°22'00
	-2521 Jan 05 j 12:07	0°♐	
desc. node	-2521 Jan 06 j 20:40	1°♐40'06	
	-2521 Jan 26 j 03:01	0°♑	
morning set	-2521 Feb 04 j 20:29	17°♑13'47	
max. Earth dist.	-2521 Feb 09 j 00:16	25°♑12'47	1.35127 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2521 Feb 11 j 10:03	0°♒	
superior conj	-2521 Feb 13 j 17:14	4°♒40'03	-1°-20'-28
minimum elong	-2521 Feb 13 j 20:30	4°♒56'48	1°20'04
evening rise	-2521 Feb 21 j 10:49	20°♒41'32	
asc. node	-2521 Feb 22 j 09:33	22°♒38'01	
	-2521 Feb 26 j 02:34	0°♓	
evening max el	-2521 Mar 12 j 06:19	20°♓59'36	20°41'28
retrograde	-2521 Mar 23 j 09:27	26°♓18'43	
evening set	-2521 Mar 25 j 16:13	26°♓06'12	
inferior conj	-2521 Apr 03 j 19:02	22°♓08'50	0°17'19
minimum elong	-2521 Apr 03 j 19:50	22°♓07'41	0°17'02
desc. node	-2521 Apr 04 j 19:45	21°♓33'11	
min. Earth dist.	-2521 Apr 05 j 00:06	21°♓26'57	0.55228 AU
morning rise	-2521 Apr 12 j 21:50	17°♓55'16	
direct	-2521 Apr 16 j 07:40	17°♓29'58	
morning max el	-2521 Apr 29 j 13:57	23°♓56'54	22°59'49
	-2521 May 05 j 00:42	0°♈	
asc. node	-2521 May 21 j 08:59	27°♈56'18	
morning set	-2521 May 22 j 06:40	29°♈49'00	
	-2521 May 22 j 08:46	0°♉	
superior conj	-2521 May 29 j 11:21	15°♉08'36	1°15'44
minimum elong	-2521 May 29 j 08:46	14°♉54'49	1°15'24
max. Earth dist.	-2521 Jun 01 j 01:11	20°♉35'15	1.33957 AU
	-2521 Jun 05 j 15:40	0°♊	
evening rise	-2521 Jun 06 j 05:07	1°♊06'40	
	-2521 Jun 22 j 15:57	0°♋	
desc. node	-2521 Jul 01 j 18:56	12°♋52'59	
evening max el	-2521 Jul 10 j 09:58	22°♋37'50	27°18'27
retrograde	-2521 Jul 23 j 21:38	29°♋59'55	
evening set	-2521 Jul 30 j 23:03	27°♋15'00	
min. Earth dist.	-2521 Aug 03 j 16:24	23°♋45'11	0.64472 AU
inferior conj	-2521 Aug 05 j 23:25	21°♋15'29	-3°-21'-33
minimum elong	-2521 Aug 06 j 03:32	21°♋04'15	3°20'23
morning rise	-2521 Aug 12 j 09:41	15°♋46'16	
direct	-2521 Aug 15 j 01:35	15°♋09'23	
asc. node	-2521 Aug 17 j 08:11	15°♋36'21	
morning max el	-2521 Aug 21 j 13:56	18°♋37'59	18°04'07
	-2521 Aug 29 j 22:22	0°♌	
morning set	-2521 Sep 08 j 06:06	15°♌33'22	
	-2521 Sep 16 j 21:29	0°♍	
superior conj	-2521 Sep 21 j 17:54	7°♍54'06	0°38'14
minimum elong	-2521 Sep 21 j 22:08	8°♍11'11	0°37'42
max. Earth dist.	-2521 Sep 26 j 07:39	15°♍13'13	1.44445 AU
desc. node	-2521 Sep 27 j 18:19	17°♍30'31	
	-2521 Oct 05 j 17:54	0°♎	
evening rise	-2521 Oct 08 j 06:08	3°♎53'10	
	-2521 Oct 25 j 13:22	0°♏	
greatest brilliancy	-2521 Oct 27 j 12:10	2°♏44'43	-0.6m
evening max el	-2521 Nov 03 j 12:25	11°♏25'54	20°05'03
retrograde	-2521 Nov 11 j 04:52	15°♏56'08	
asc. node	-2521 Nov 13 j 07:16	15°♏30'39	
evening set	-2521 Nov 14 j 18:41	14°♏41'41	
inferior conj	-2521 Nov 20 j 07:28	8°♏36'39	2°14'44
minimum elong	-2521 Nov 20 j 04:47	8°♏45'35	2°13'46
min. Earth dist.	-2521 Nov 21 j 04:00	7°♏28'11	0.66703 AU
morning rise	-2521 Nov 25 j 14:17	2°♏21'21	
	-2521 Nov 29 j 19:36	30°℞♎	
direct	-2521 Dec 01 j 09:07	29°♎49'33	
	-2521 Dec 03 j 00:02	0°♏	
morning max el	-2521 Dec 13 j 03:25	6°♏49'06	25°06'43
desc. node	-2521 Dec 24 j 17:43	20°♏47'59	
	-2521 Dec 31 j 05:26	0°♐	
morning set	-2520 Jan 18 j 07:26	29°♐27'20	
	-2520 Jan 18 j 14:43	0°♑	
max. Earth dist.	-2520 Jan 22 j 01:17	6°♑17'07	1.36854 AU
superior conj	-2520 Jan 28 j 06:40	18°♑12'57	-1°-40'-7
minimum elong	-2520 Jan 28 j 09:58	18°♑29'12	1°39'52
	-2520 Feb 03 j 03:51	0°♒	
evening rise	-2520 Feb 05 j 14:08	4°♒53'58	
asc. node	-2520 Feb 09 j 06:35	12°♒10'38	
	-2520 Feb 20 j 07:11	0°♓	
evening max el	-2520 Feb 22 j 19:51	2°♓43'16	19°33'28
retrograde	-2520 Mar 03 j 06:05	7°♓12'46	
evening set	-2520 Mar 05 j 12:21	6°♓58'26	
inferior conj	-2520 Mar 13 j 23:45	2°♓53'29	2°02'58
minimum elong	-2520 Mar 14 j 04:12	2°♓46'19	2°01'38
min. Earth dist.	-2520 Mar 16 j 14:36	1°♓13'09	0.56169 AU
	-2520 Mar 18 j 15:59	30°℞♒	
desc. node	-2520 Mar 21 j 16:48	28°♒32'25	
morning rise	-2520 Mar 22 j 16:30	28°♒10'54	
direct	-2520 Mar 27 j 04:22	27°♒25'22	
	-2520 Apr 04 j 11:23	0°♓	
morning max el	-2520 Apr 10 j 05:13	4°♓31'02	24°39'28
	-2520 Apr 28 j 06:42	0°♈	
morning set	-2520 May 05 j 18:49	14°♈50'15	
asc. node	-2520 May 07 j 06:02	17°♈56'44	
superior conj	-2520 May 12 j 20:21	0°♉03'01	0°55'41
minimum elong	-2520 May 12 j 18:10	29°♈51'10	0°55'20
	-2520 May 12 j 19:47	0°♉	
max. Earth dist.	-2520 May 14 j 07:29	3°♉12'59	1.33113 AU
evening rise	-2520 May 20 j 04:06	15°♉31'50	
	-2520 May 27 j 16:26	0°♊	
	-2520 Jun 16 j 14:51	0°♋	
desc. node	-2520 Jun 17 j 15:57	1°♋12'28	
evening max el	-2520 Jun 21 j 19:28	5°♋33'04	27°23'32
retrograde	-2520 Jul 05 j 14:09	12°♋54'18	
evening set	-2520 Jul 12 j 18:11	10°♋22'24	
min. Earth dist.	-2520 Jul 16 j 08:13	7°♋23'02	0.62818 AU
inferior conj	-2520 Jul 19 j 04:33	4°♋36'39	-3°-59'-58
minimum elong	-2520 Jul 19 j 08:19	4°♋27'27	3°59'14
	-2520 Jul 24 j 19:59	30°℞♊	
morning rise	-2520 Jul 26 j 00:43	29°♊26'24	
direct	-2520 Jul 28 j 13:26	28°♊56'41	
	-2520 Aug 01 j 05:08	0°♋	
asc. node	-2520 Aug 03 j 05:17	1°♋26'25	
morning max el	-2520 Aug 04 j 05:02	2°♋21'12	17°55'06
morning set	-2520 Aug 20 j 14:29	27°♋52'20	
	-2520 Aug 21 j 19:16	0°♌	
superior conj	-2520 Sep 01 j 04:15	17°♌59'19	1°14'59
minimum elong	-2520 Sep 01 j 09:42	18°♌22'14	1°14'27
max. Earth dist.	-2520 Sep 07 j 22:29	29°♌09'17	1.43327 AU
	-2520 Sep 08 j 11:01	0°♍	
desc. node	-2520 Sep 13 j 15:21	8°♍15'28	
evening rise	-2520 Sep 16 j 11:18	12°♍41'06	
	-2520 Sep 27 j 21:07	0°♎	
greatest brilliancy	-2520 Oct 11 j 04:49	18°♎42'44	-0.5m
evening max el	-2520 Oct 16 j 11:59	24°♎53'10	21°12'10
retrograde	-2520 Oct 25 j 01:53	29°♎58'25	
evening set	-2520 Oct 29 j 02:23	28°♎27'22	
asc. node	-2520 Oct 30 j 04:21	27°♎31'32	
inferior conj	-2520 Nov 03 j 12:25	22°♎13'01	1°27'08
minimum elong	-2520 Nov 03 j 10:32	22°♎19'32	1°26'20
min. Earth dist.	-2520 Nov 03 j 21:27	21°♎42'03	0.67263 AU
morning rise	-2520 Nov 08 j 18:20	15°♎56'34	
direct	-2520 Nov 13 j 21:43	13°♎45'10	
morning max el	-2520 Nov 24 j 12:15	20°♎04'30	23°41'16
	-2520 Dec 02 j 23:11	0°♏	
desc. node	-2520 Dec 10 j 14:46	10°♏29'25	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2520 Dec 23 j 10:40	0°♐	
morning set	-2520 Dec 29 j 18:44	10°♐27'39	
max. Earth dist.	-2519 Jan 02 j 21:03	17°♐32'42	1.38884 AU
	-2519 Jan 09 j 17:34	0°♑	
superior conj	-2519 Jan 10 j 06:59	1°♑02'54	-1°-53'-33
minimum elong	-2519 Jan 10 j 09:07	1°♑12'56	1°53'31
evening rise	-2519 Jan 19 j 10:11	18°♑39'24	
	-2519 Jan 25 j 09:51	0°♒	
asc. node	-2519 Jan 26 j 03:37	1°♒19'31	
evening max el	-2519 Feb 04 j 19:11	15°♒01'42	18°44'53
retrograde	-2519 Feb 12 j 20:05	18°♒55'11	
evening set	-2519 Feb 15 j 05:33	18°♒35'47	
inferior conj	-2519 Feb 22 j 23:21	14°♒12'49	3°15'00
minimum elong	-2519 Feb 23 j 03:35	14°♒04'54	3°14'07
min. Earth dist.	-2519 Feb 26 j 06:58	11°♒45'35	0.57805 AU
morning rise	-2519 Mar 02 j 21:47	9°♒00'20	
direct	-2519 Mar 08 j 13:55	7°♒41'30	
desc. node	-2519 Mar 08 j 13:53	7°♒41'30	
morning max el	-2519 Mar 22 j 20:58	15°♒09'59	26°08'41
	-2519 Apr 03 j 19:07	0°♓	
morning set	-2519 Apr 20 j 06:23	29°♓49'46	
	-2519 Apr 20 j 08:20	0°♈	
asc. node	-2519 Apr 24 j 03:04	8°♈05'28	
superior conj	-2519 Apr 27 j 07:33	15°♈03'14	0°32'58
minimum elong	-2519 Apr 27 j 06:09	14°♈55'31	0°32'42
max. Earth dist.	-2519 Apr 27 j 19:09	16°♈06'38	1.32624 AU
evening rise	-2519 May 04 j 09:30	0°♉15'31	
	-2519 May 04 j 06:31	0°♉	
	-2519 May 20 j 19:47	0°♊	
evening max el	-2519 Jun 04 j 00:14	17°♊50'35	26°55'53
desc. node	-2519 Jun 04 j 13:00	18°♊20'37	
retrograde	-2519 Jun 17 j 23:33	25°♊09'39	
evening set	-2519 Jun 24 j 20:07	23°♊04'27	
min. Earth dist.	-2519 Jun 28 j 13:47	20°♊22'59	0.60875 AU
inferior conj	-2519 Jul 01 j 20:21	17°♊35'09	-4°-24'-20
minimum elong	-2519 Jul 01 j 22:19	17°♊30'56	4°24'09
morning rise	-2519 Jul 09 j 03:33	12°♊46'43	
direct	-2519 Jul 11 j 15:04	12°♊22'11	
morning max el	-2519 Jul 18 j 17:58	15°♊52'14	18°04'57
asc. node	-2519 Jul 21 j 02:23	18°♊27'28	
	-2519 Jul 28 j 15:01	0°♋	
morning set	-2519 Aug 03 j 16:15	11°♋01'32	
superior conj	-2519 Aug 13 j 17:51	29°♋25'35	1°37'39
minimum elong	-2519 Aug 13 j 21:27	29°♋41'36	1°37'28
	-2519 Aug 14 j 01:37	0°♌	
max. Earth dist.	-2519 Aug 21 j 07:50	12°♌29'43	1.41690 AU
evening rise	-2519 Aug 27 j 02:56	21°♌59'22	
desc. node	-2519 Aug 31 j 12:21	28°♌55'54	
	-2519 Sep 01 j 04:51	0°♍	
	-2519 Sep 22 j 02:01	0°♎	
greatest brilliancy	-2519 Sep 24 j 11:19	2°♎59'04	-0.3m
evening max el	-2519 Sep 29 j 05:31	8°♎19'49	22°28'40
retrograde	-2519 Oct 08 j 21:04	14°♎03'51	
evening set	-2519 Oct 13 j 10:15	12°♎14'20	
asc. node	-2519 Oct 17 j 01:27	8°♎15'42	
inferior conj	-2519 Oct 18 j 19:04	5°♎54'12	0°35'41
minimum elong	-2519 Oct 18 j 18:15	5°♎57'03	0°35'18
min. Earth dist.	-2519 Oct 18 j 17:33	5°♎59'25	0.67498 AU
	-2519 Oct 23 j 16:24	30°℞♍	
morning rise	-2519 Oct 24 j 02:09	29°♍39'12	
direct	-2519 Oct 28 j 14:26	27°♍50'01	
	-2519 Nov 03 j 02:52	0°♎	
morning max el	-2519 Nov 07 j 00:13	3°♎24'49	22°14'59
greatest brilliancy	-2519 Nov 11 j 17:00	8°♎42'56	-0.3m
desc. node	-2519 Nov 27 j 11:50	0°♏34'28	
	-2519 Nov 27 j 02:34	0°♏	
morning set	-2519 Dec 10 j 01:30	20°♏04'31	
max. Earth dist.	-2519 Dec 15 j 19:04	29°♏31'11	1.40955 AU
	-2519 Dec 16 j 01:54	0°♐	
superior conj	-2519 Dec 23 j 13:09	12°♐57'00	-1°-57'-24
minimum elong	-2519 Dec 23 j 12:29	12°♐54'01	1°57'28
	-2518 Jan 01 j 20:13	0°♑	
evening rise	-2518 Jan 02 j 19:50	1°♑50'26	
asc. node	-2518 Jan 13 j 00:39	19°♑57'00	
evening max el	-2518 Jan 19 j 01:52	27°♑48'23	18°16'28
	-2518 Jan 21 j 19:31	0°♒	
retrograde	-2518 Jan 26 j 04:36	1°♒21'34	
evening set	-2518 Jan 28 j 17:27	0°♒55'28	
	-2518 Jan 30 j 18:14	30°℞♑	
inferior conj	-2518 Feb 04 j 19:41	26°♑11'10	3°50'58
minimum elong	-2518 Feb 04 j 21:32	26°♑07'09	3°50'44
min. Earth dist.	-2518 Feb 08 j 04:08	23°♑17'51	0.59795 AU
morning rise	-2518 Feb 11 j 22:24	20°♑35'54	
direct	-2518 Feb 18 j 11:55	18°♑38'23	
desc. node	-2518 Feb 23 j 10:59	19°♑41'20	
morning max el	-2518 Mar 04 j 17:59	26°♑19'26	27°12'48
	-2518 Mar 08 j 05:23	0°♒	
	-2518 Mar 28 j 04:11	0°♓	
morning set	-2518 Apr 04 j 15:40	14°♓41'31	
asc. node	-2518 Apr 11 j 00:06	28°♓18'16	
superior conj	-2518 Apr 11 j 19:18	0°♈03'25	0°08'26
minimum elong	-2518 Apr 11 j 18:56	0°♈01'20	0°08'22
behind sun begin	-2518 Apr 11 j 14:39	29°♓37'54	
behind sun end	-2518 Apr 11 j 23:12	0°♈24'47	
max. Earth dist.	-2518 Apr 11 j 08:27	29°♓03'58	1.32484 AU
	-2518 Apr 11 j 18:41	0°♈	
evening rise	-2518 Apr 18 j 18:56	15°♈09'45	
	-2518 Apr 26 j 06:37	0°♉	
evening max el	-2518 May 16 j 22:29	29°♉24'18	25°56'40
	-2518 May 17 j 13:41	0°♊	
desc. node	-2518 May 22 j 10:01	3°♊48'08	
retrograde	-2518 May 31 j 00:24	6°♊39'27	
evening set	-2518 Jun 06 j 00:52	5°♊11'24	
min. Earth dist.	-2518 Jun 10 j 11:00	2°♊30'10	0.58823 AU
inferior conj	-2518 Jun 13 j 19:09	0°♊01'36	-4°-26'-6
minimum elong	-2518 Jun 13 j 17:42	0°♊04'20	4°25'59
	-2518 Jun 13 j 20:01	30°℞♉	
morning rise	-2518 Jun 21 j 14:21	25°♉35'44	
direct	-2518 Jun 24 j 01:55	25°♉15'14	
morning max el	-2518 Jul 02 j 01:45	29°♉02'42	18°34'40
	-2518 Jul 03 j 00:44	0°♊	
asc. node	-2518 Jul 07 j 23:28	6°♊24'24	
morning set	-2518 Jul 18 j 06:41	24°♊48'46	
	-2518 Jul 20 j 23:01	0°♋	
superior conj	-2518 Jul 27 j 06:00	11°♋59'55	1°47'35
minimum elong	-2518 Jul 27 j 07:06	12°♋05'02	1°47'38
max. Earth dist.	-2518 Aug 03 j 11:28	25°♋04'48	1.39762 AU
	-2518 Aug 06 j 07:51	0°♌	
evening rise	-2518 Aug 07 j 18:04	2°♌24'48	
desc. node	-2518 Aug 18 j 09:21	19°♌28'00	
	-2518 Aug 25 j 11:58	0°♍	
evening max el	-2518 Sep 11 j 18:33	21°♍48'07	23°49'13
retrograde	-2518 Sep 22 j 13:08	28°♍09'25	
evening set	-2518 Sep 27 j 16:31	26°♍00'49	
min. Earth dist.	-2518 Oct 02 j 13:54	20°♍18'41	0.67430 AU
inferior conj	-2518 Oct 03 j 01:38	19°♍38'42	0°-18'00
minimum elong	-2518 Oct 03 j 02:03	19°♍37'15	0°17'49
asc. node	-2518 Oct 03 j 22:33	18°♍27'52	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning rise	-2518 Oct 08 j 11:45	13°♍27'57	
direct	-2518 Oct 12 j 10:25	11°♍59'58	
morning max el	-2518 Oct 20 j 18:11	16°♍52'38	20°55'19
greatest brilliancy	-2518 Oct 26 j 12:19	23°♍38'16	-0.5m
	-2518 Oct 31 j 05:01	0°♎	
desc. node	-2518 Nov 14 j 08:50	20°♎55'55	
morning set	-2518 Nov 19 j 06:42	28°♎31'17	
	-2518 Nov 20 j 05:24	0°♏	
max. Earth dist.	-2518 Nov 27 j 23:29	12°♏21'54	1.42791 AU
superior conj	-2518 Dec 04 j 19:28	23°♏41'00	-1°-47'-36
minimum elong	-2518 Dec 04 j 14:42	23°♏20'51	1°47'24
	-2518 Dec 08 j 12:14	0°♐	
evening rise	-2518 Dec 16 j 15:08	14°♐17'44	
	-2518 Dec 25 j 14:54	0°♑	
asc. node	-2518 Dec 30 j 21:42	7°♑52'29	
evening max el	-2517 Jan 02 j 12:56	10°♑54'09	18°07'53
retrograde	-2517 Jan 09 j 04:06	14°♑20'57	
evening set	-2517 Jan 11 j 20:17	13°♑47'04	
inferior conj	-2517 Jan 18 j 09:57	8°♑41'16	3°58'10
minimum elong	-2517 Jan 18 j 09:20	8°♑42'47	3°58'04
min. Earth dist.	-2517 Jan 21 j 08:50	5°♑46'06	0.61821 AU
morning rise	-2517 Jan 24 j 20:03	2°♑50'52	
direct	-2517 Jan 31 j 20:04	0°♑21'10	
desc. node	-2517 Feb 10 j 08:03	4°♑11'12	
morning max el	-2517 Feb 14 j 21:00	8°♑08'04	27°42'38
	-2517 Mar 03 j 16:05	0°♒	
morning set	-2517 Mar 19 j 20:33	29°♒17'10	
	-2517 Mar 20 j 04:56	0°♓	
max. Earth dist.	-2517 Mar 25 j 19:25	11°♓49'55	1.32701 AU
superior conj	-2517 Mar 27 j 05:52	14°♓56'42	0°-17'-7
minimum elong	-2517 Mar 27 j 06:39	15°♓00'59	0°16'59
asc. node	-2517 Mar 28 j 21:06	18°♓30'16	
evening rise	-2517 Apr 03 j 06:19	0°♈06'25	
	-2517 Apr 03 j 05:06	0°♈	
	-2517 Apr 19 j 23:01	0°♉	
evening max el	-2517 Apr 28 j 15:13	10°♉20'25	24°33'29
desc. node	-2517 May 09 j 07:04	16°♉58'23	
retrograde	-2517 May 12 j 14:14	17°♉23'28	
evening set	-2517 May 17 j 07:45	16°♉32'59	
min. Earth dist.	-2517 May 23 j 03:08	13°♉35'41	0.56952 AU
inferior conj	-2517 May 25 j 22:09	11°♉47'33	-3°-54'-7
minimum elong	-2517 May 25 j 16:53	11°♉56'07	3°53'09
morning rise	-2517 Jun 03 j 06:03	7°♉41'02	
direct	-2517 Jun 05 j 18:25	7°♉23'29	
morning max el	-2517 Jun 15 j 01:27	11°♉42'40	19°24'59
asc. node	-2517 Jun 24 j 20:30	25°♉04'06	
	-2517 Jun 27 j 14:02	0°♊	
morning set	-2517 Jul 02 j 06:08	9°♊04'40	
superior conj	-2517 Jul 10 j 10:57	25°♊25'51	1°47'22
minimum elong	-2517 Jul 10 j 10:02	25°♊21'22	1°47'24
	-2517 Jul 12 j 19:32	0°♋	
max. Earth dist.	-2517 Jul 16 j 13:33	7°♋03'38	1.37802 AU
evening rise	-2517 Jul 20 j 10:44	14°♋04'49	
	-2517 Jul 29 j 22:01	0°♌	
desc. node	-2517 Aug 05 j 06:20	9°♌47'03	
	-2517 Aug 20 j 07:18	0°♍	
evening max el	-2517 Aug 25 j 05:43	5°♍20'33	25°06'55
retrograde	-2517 Sep 06 j 01:03	12°♍11'33	
evening set	-2517 Sep 11 j 19:27	9°♍45'12	
min. Earth dist.	-2517 Sep 16 j 08:01	4°♍38'34	0.67051 AU
inferior conj	-2517 Sep 17 j 06:24	3°♍24'59	-1°-12'-16
minimum elong	-2517 Sep 17 j 08:09	3°♍19'17	1°11'31
	-2517 Sep 20 j 00:08	30°℞♌	
asc. node	-2517 Sep 20 j 19:38	29°♌07'29	
morning rise	-2517 Sep 22 j 21:18	27°♌21'37	
direct	-2517 Sep 26 j 08:24	26°♌12'11	
	-2517 Oct 03 j 07:33	0°♍	
morning max el	-2517 Oct 03 j 19:30	0°♍29'48	19°47'28
greatest brilliancy	-2517 Oct 11 j 18:58	10°♍30'24	-0.6m
	-2517 Oct 24 j 19:44	0°♎	
morning set	-2517 Oct 29 j 04:39	6°♎44'58	
desc. node	-2517 Nov 01 j 05:50	11°♎29'11	
max. Earth dist.	-2517 Nov 10 j 11:16	25°♎59'41	1.44144 AU
	-2517 Nov 12 j 23:27	0°♏	
superior conj	-2517 Nov 14 j 22:32	3°♏09'22	-1°-20'-48
minimum elong	-2517 Nov 14 j 15:02	2°♏39'08	1°20'05
evening rise	-2517 Nov 28 j 15:42	25°♏53'19	
	-2517 Dec 01 j 01:49	0°♐	
evening max el	-2517 Dec 17 j 01:34	24°♐12'07	18°18'21
asc. node	-2517 Dec 17 j 18:44	24°♐53'50	
retrograde	-2517 Dec 23 j 14:15	27°♐44'30	
evening set	-2517 Dec 26 j 10:29	27°♐01'34	
inferior conj	-2516 Jan 01 j 14:20	21°♐35'35	3°44'49
minimum elong	-2516 Jan 01 j 12:06	21°♐41'49	3°44'27
min. Earth dist.	-2516 Jan 03 j 22:54	18°♐58'46	0.63640 AU
morning rise	-2516 Jan 07 j 12:09	15°♐34'51	
direct	-2516 Jan 14 j 12:03	12°♐47'17	
morning max el	-2516 Jan 28 j 04:30	20°♐33'35	27°36'02
desc. node	-2516 Jan 28 j 05:06	20°♐35'05	
	-2516 Feb 05 j 09:09	0°♑	
	-2516 Feb 24 j 16:12	0°♒	
morning set	-2516 Mar 02 j 18:39	13°♒28'29	
max. Earth dist.	-2516 Mar 08 j 00:16	24°♒12'04	1.33307 AU
superior conj	-2516 Mar 10 j 13:30	29°♒37'05	0°-42'-45
minimum elong	-2516 Mar 10 j 15:27	29°♒47'29	0°42'26
	-2516 Mar 10 j 17:47	0°♓	
asc. node	-2516 Mar 14 j 18:06	8°♓37'30	
evening rise	-2516 Mar 17 j 17:53	14°♓59'17	
	-2516 Mar 25 j 08:15	0°♈	
evening max el	-2516 Apr 09 j 07:06	21°♈00'29	22°59'19
retrograde	-2516 Apr 22 j 14:58	27°♈35'09	
desc. node	-2516 Apr 25 j 04:08	27°♈20'51	
evening set	-2516 Apr 26 j 00:21	27°♈10'03	
min. Earth dist.	-2516 May 03 j 17:00	23°♈45'07	0.55617 AU
inferior conj	-2516 May 05 j 05:58	22°♈51'32	-2°-40'-4
minimum elong	-2516 May 04 j 23:44	23°♈00'35	2°38'16
morning rise	-2516 May 14 j 01:57	18°♈55'27	
direct	-2516 May 16 j 17:01	18°♈38'58	
morning max el	-2516 May 27 j 14:48	23°♈43'29	20°35'35
	-2516 Jun 02 j 01:58	0°♉	
asc. node	-2516 Jun 10 j 17:31	14°♉16'08	
morning set	-2516 Jun 15 j 11:45	23°♉41'33	
	-2516 Jun 18 j 13:15	0°♊	
superior conj	-2516 Jun 23 j 03:54	9°♊29'24	1°39'25
minimum elong	-2516 Jun 23 j 01:46	9°♊18'34	1°39'19
max. Earth dist.	-2516 Jun 27 j 20:33	18°♊51'29	1.36040 AU
evening rise	-2516 Jul 02 j 00:46	26°♊48'40	
	-2516 Jul 03 j 18:24	0°♋	
desc. node	-2516 Jul 22 j 03:21	29°♋46'21	
	-2516 Jul 22 j 07:11	0°♌	
evening max el	-2516 Aug 06 j 16:58	18°♌54'16	26°13'50
retrograde	-2516 Aug 19 j 08:06	26°♌04'22	
evening set	-2516 Aug 25 j 17:01	23°♌24'13	
min. Earth dist.	-2516 Aug 29 j 21:23	18°♌55'30	0.66340 AU
inferior conj	-2516 Aug 31 j 07:31	17°♌09'36	-2°-5'-25
minimum elong	-2516 Aug 31 j 10:29	17°♌00'24	2°04'16
morning rise	-2516 Sep 06 j 04:48	11°♌17'00	
asc. node	-2516 Sep 06 j 16:41	11°♌00'59	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

direct	-2516 Sep 09 j 06:38	10°♌22'48	
morning max el	-2516 Sep 16 j 03:33	14°♌14'16	18°54'22
	-2516 Sep 27 j 16:58	0°♍	
morning set	-2516 Oct 07 j 18:49	15°♍51'32	
	-2516 Oct 16 j 17:51	0°♎	
desc. node	-2516 Oct 18 j 02:49	2°♎09'46	
max. Earth dist.	-2516 Oct 23 j 04:21	10°♎08'03	1.44838 AU
superior conj	-2516 Oct 24 j 03:19	11°♎38'31	0°-38'-1
minimum elong	-2516 Oct 23 j 22:26	11°♎19'17	0°37'24
	-2516 Nov 04 j 16:36	0°♏	
evening rise	-2516 Nov 08 j 17:18	6°♏29'20	
	-2516 Nov 23 j 13:42	0°♐	
evening max el	-2516 Nov 29 j 13:05	7°♐36'16	18°46'53
asc. node	-2516 Dec 03 j 15:48	10°♐46'18	
retrograde	-2516 Dec 06 j 07:11	11°♐24'29	
evening set	-2516 Dec 09 j 08:45	10°♐30'56	
inferior conj	-2516 Dec 15 j 05:12	4°♐47'09	3°17'14
minimum elong	-2516 Dec 15 j 02:14	4°♐56'09	3°16'30
min. Earth dist.	-2516 Dec 16 j 22:41	2°♐41'05	0.65120 AU
	-2516 Dec 19 j 08:14	30°℞♏	
morning rise	-2516 Dec 20 j 18:40	28°♏38'51	
direct	-2516 Dec 27 j 10:35	25°♏48'39	
	-2515 Jan 05 j 18:52	0°♐	
morning max el	-2515 Jan 09 j 14:04	3°♐26'19	26°56'43
desc. node	-2515 Jan 14 j 02:09	8°♐20'26	
	-2515 Jan 29 j 17:39	0°♑	
morning set	-2515 Feb 14 j 06:45	27°♑05'13	
	-2515 Feb 15 j 18:49	0°♒	
max. Earth dist.	-2515 Feb 18 j 19:30	6°♒01'19	1.34337 AU
superior conj	-2515 Feb 22 j 16:12	13°♒57'54	-1°-7'-21
minimum elong	-2515 Feb 22 j 19:07	14°♒13'05	1°06'56
asc. node	-2515 Mar 01 j 15:07	28°♒35'43	
evening rise	-2515 Mar 02 j 03:52	29°♒42'05	
	-2515 Mar 02 j 07:19	0°♓	
	-2515 Mar 20 j 08:39	0°♈	
evening max el	-2515 Mar 22 j 04:25	1°♈52'09	21°28'13
retrograde	-2515 Apr 03 j 05:51	7°♈41'42	
evening set	-2515 Apr 05 j 18:09	7°♈27'20	
desc. node	-2515 Apr 12 j 01:11	5°♈06'09	
inferior conj	-2515 Apr 15 j 01:57	3°♈26'44	0°-50'-58
minimum elong	-2515 Apr 14 j 23:33	3°♈30'05	0°50'09
min. Earth dist.	-2515 Apr 15 j 06:29	3°♈20'22	0.55099 AU
	-2515 Apr 22 j 03:48	30°℞♓	
morning rise	-2515 Apr 24 j 05:13	29°♓25'23	
direct	-2515 Apr 27 j 05:03	29°♓05'47	
	-2515 May 02 j 01:40	0°♈	
morning max el	-2515 May 09 j 17:21	5°♈02'53	22°03'48
	-2515 May 26 j 15:33	0°♉	
asc. node	-2515 May 28 j 14:33	3°♉52'35	
morning set	-2515 May 30 j 21:24	8°♉33'26	
superior conj	-2515 Jun 07 j 05:14	24°♉00'16	1°25'41
minimum elong	-2515 Jun 07 j 02:38	23°♉46'37	1°25'25
	-2515 Jun 10 j 02:27	0°♊	
max. Earth dist.	-2515 Jun 10 j 12:42	0°♊52'34	1.34608 AU
evening rise	-2515 Jun 15 j 07:05	10°♊22'35	
	-2515 Jun 26 j 04:51	0°♋	
desc. node	-2515 Jul 09 j 00:23	19°♋17'26	
	-2515 Jul 17 j 20:36	0°♌	
evening max el	-2515 Jul 20 j 04:34	2°♌21'51	27°01'57
retrograde	-2515 Aug 02 j 09:55	9°♌41'37	
evening set	-2515 Aug 09 j 06:51	6°♌55'06	
min. Earth dist.	-2515 Aug 13 j 03:43	3°♌04'48	0.65267 AU
inferior conj	-2515 Aug 15 j 02:56	0°♌49'22	-2°-55'-20
minimum elong	-2515 Aug 15 j 06:48	0°♌38'14	2°54'05
	-2515 Aug 15 j 20:13	30°℞♋	
morning rise	-2515 Aug 21 j 08:05	25°♋10'52	
direct	-2515 Aug 24 j 02:57	24°♋28'34	
asc. node	-2515 Aug 24 j 13:46	24°♋29'41	
morning max el	-2515 Aug 30 j 16:27	28°♋02'49	18°17'33
	-2515 Sep 01 j 10:56	0°♌	
morning set	-2515 Sep 18 j 12:21	26°♌18'52	
	-2515 Sep 20 j 18:09	0°♍	
superior conj	-2515 Oct 03 j 04:24	20°♍02'35	0°11'39
minimum elong	-2515 Oct 03 j 05:53	20°♍08'26	0°11'27
behind sun begin	-2515 Oct 02 j 21:55	19°♍36'52	
behind sun end	-2515 Oct 03 j 13:50	20°♍39'59	
desc. node	-2515 Oct 04 j 23:50	22°♍54'32	
max. Earth dist.	-2515 Oct 05 j 23:01	24°♍26'04	1.44796 AU
	-2515 Oct 09 j 11:54	0°♎	
evening rise	-2515 Oct 19 j 18:42	16°♎05'05	
	-2515 Oct 28 j 17:32	0°♏	
greatest brilliancy	-2515 Nov 04 j 05:07	9°♏47'48	-0.7m
evening max el	-2515 Nov 12 j 21:10	21°♏02'51	19°32'09
retrograde	-2515 Nov 20 j 03:41	25°♏15'53	
asc. node	-2515 Nov 20 j 12:52	25°♏15'03	
evening set	-2515 Nov 23 j 12:25	24°♏09'42	
inferior conj	-2515 Nov 29 j 03:28	18°♏11'13	2°39'42
minimum elong	-2515 Nov 29 j 00:31	18°♏20'47	2°38'45
min. Earth dist.	-2515 Nov 30 j 07:07	16°♏41'23	0.66225 AU
morning rise	-2515 Dec 04 j 11:53	11°♏57'41	
direct	-2515 Dec 10 j 15:01	9°♏16'52	
morning max el	-2515 Dec 22 j 23:29	16°♏34'29	25°51'55
desc. node	-2515 Dec 31 j 23:12	27°♏03'28	
	-2514 Jan 03 j 04:27	0°♐	
	-2514 Jan 22 j 15:13	0°♑	
morning set	-2514 Jan 28 j 04:31	9°♑54'06	
max. Earth dist.	-2514 Feb 01 j 03:02	17°♑18'20	1.35816 AU
superior conj	-2514 Feb 06 j 11:24	27°♑50'58	-1°-29'-23
minimum elong	-2514 Feb 06 j 14:48	28°♑08'06	1°29'01
	-2514 Feb 07 j 12:54	0°♒	
evening rise	-2514 Feb 14 j 10:18	14°♒07'53	
asc. node	-2514 Feb 16 j 12:09	18°♒19'34	
	-2514 Feb 22 j 17:31	0°♓	
evening max el	-2514 Mar 04 j 11:36	13°♓14'35	20°10'12
retrograde	-2514 Mar 14 j 21:12	18°♓12'06	
evening set	-2514 Mar 17 j 02:42	17°♓59'24	
inferior conj	-2514 Mar 25 j 23:36	14°♓00'08	1°05'22
minimum elong	-2514 Mar 26 j 02:24	13°♓55'56	1°04'25
min. Earth dist.	-2514 Mar 27 j 20:37	12°♓52'51	0.55522 AU
desc. node	-2514 Mar 29 j 22:15	11°♓42'22	
morning rise	-2514 Apr 03 j 23:32	9°♓35'11	
direct	-2514 Apr 07 j 19:10	9°♓03'17	
morning max el	-2514 Apr 21 j 11:31	15°♓48'32	23°42'35
	-2514 May 02 j 16:54	0°♈	
morning set	-2514 May 15 j 09:08	23°♈33'00	
asc. node	-2514 May 15 j 11:35	23°♈45'51	
	-2514 May 18 j 09:59	0°♉	
superior conj	-2514 May 22 j 12:06	8°♉48'26	1°07'37
minimum elong	-2514 May 22 j 09:38	8°♉35'09	1°07'15
max. Earth dist.	-2514 May 24 j 14:14	13°♉16'10	1.33550 AU
evening rise	-2514 May 30 j 01:02	24°♉32'10	
	-2514 Jun 01 j 19:45	0°♊	
	-2514 Jun 19 j 18:02	0°♋	
desc. node	-2514 Jun 25 j 21:25	8°♋07'36	
evening max el	-2514 Jul 02 j 15:13	15°♋31'31	27°24'21
retrograde	-2514 Jul 16 j 06:13	22°♋54'10	
evening set	-2514 Jul 23 j 09:53	20°♋12'42	
min. Earth dist.	-2514 Jul 27 j 01:05	16°♋57'17	0.63811 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2514 Jul 29 j 14:05	14°♋18'42	-3°-39'-9
minimum elong	-2514 Jul 29 j 18:12	14°♋07'58	3°38'09
morning rise	-2514 Aug 05 j 04:27	8°♋57'32	
direct	-2514 Aug 07 j 18:42	8°♋24'04	
asc. node	-2514 Aug 11 j 10:51	9°♋31'21	
morning max el	-2514 Aug 14 j 07:35	11°♋49'46	17°58'05
	-2514 Aug 26 j 16:25	0°♌	
morning set	-2514 Aug 31 j 08:03	8°♌00'59	
superior conj	-2514 Sep 12 j 23:21	29°♌21'59	0°55'30
minimum elong	-2514 Sep 13 j 04:37	29°♌43'37	0°54'53
	-2514 Sep 13 j 08:37	0°♍	
max. Earth dist.	-2514 Sep 18 j 15:38	8°♍33'35	1.44036 AU
desc. node	-2514 Sep 21 j 20:52	13°♍40'17	
evening rise	-2514 Sep 29 j 02:32	24°♍57'48	
	-2514 Oct 02 j 09:12	0°♎	
greatest brilliancy	-2514 Oct 20 j 20:07	27°♎04'27	-0.5m
	-2514 Oct 23 j 02:19	0°♏	
evening max el	-2514 Oct 27 j 00:03	4°♏29'54	20°32'12
retrograde	-2514 Nov 04 j 01:11	9°♏14'57	
asc. node	-2514 Nov 07 j 09:56	8°♏09'46	
evening set	-2514 Nov 07 j 19:12	7°♏53'48	
inferior conj	-2514 Nov 13 j 06:37	1°♏44'11	1°55'10
minimum elong	-2514 Nov 13 j 04:13	1°♏52'17	1°54'14
min. Earth dist.	-2514 Nov 13 j 22:05	0°♏51'44	0.66972 AU
	-2514 Nov 14 j 13:30	30°℞♎	
morning rise	-2514 Nov 18 j 12:44	25°♎27'51	
direct	-2514 Nov 24 j 00:55	23°♎04'20	
morning max el	-2514 Dec 05 j 08:08	29°♎48'41	24°31'07
	-2514 Dec 05 j 12:37	0°♏	
desc. node	-2514 Dec 18 j 20:16	16°♏27'20	
	-2514 Dec 28 j 01:41	0°♐	
morning set	-2513 Jan 10 j 06:19	21°♐39'36	
max. Earth dist.	-2513 Jan 14 j 00:54	28°♐23'19	1.37687 AU
	-2513 Jan 14 j 22:06	0°♑	
superior conj	-2513 Jan 20 j 19:51	11°♑07'31	-1°-46'-45
minimum elong	-2513 Jan 20 j 22:50	11°♑21'57	1°46'35
evening rise	-2513 Jan 29 j 10:57	28°♑10'18	
	-2513 Jan 30 j 09:07	0°♒	
asc. node	-2513 Feb 03 j 09:13	7°♒43'30	
evening max el	-2513 Feb 15 j 05:36	25°♒14'20	19°10'21
retrograde	-2513 Feb 24 j 00:39	29°♒26'43	
evening set	-2513 Feb 26 j 07:55	29°♒10'40	
inferior conj	-2513 Mar 06 j 11:49	24°♒59'04	2°38'07
minimum elong	-2513 Mar 06 j 16:36	24°♒50'53	2°36'50
min. Earth dist.	-2513 Mar 09 j 12:04	22°♒56'30	0.56797 AU
morning rise	-2513 Mar 14 j 21:19	20°♒02'44	
desc. node	-2513 Mar 16 j 19:20	19°♒26'48	
direct	-2513 Mar 19 j 21:25	19°♒04'18	
morning max el	-2513 Apr 03 j 02:27	26°♒22'17	25°19'30
	-2513 Apr 06 j 13:14	0°♓	
	-2513 Apr 25 j 16:19	0°♈	
morning set	-2513 Apr 29 j 21:15	8°♈34'18	
asc. node	-2513 May 02 j 08:39	13°♈50'26	
superior conj	-2513 May 06 j 22:18	23°♈46'23	0°46'20
minimum elong	-2513 May 06 j 20:24	23°♈36'04	0°46'00
max. Earth dist.	-2513 May 07 j 23:02	26°♈00'59	1.32862 AU
	-2513 May 09 j 19:16	0°♉	
evening rise	-2513 May 14 j 03:05	9°♉06'21	
	-2513 May 25 j 04:54	0°♊	
desc. node	-2513 Jun 12 j 18:26	25°♊59'41	
evening max el	-2513 Jun 14 j 22:52	28°♊11'26	27°15'46
	-2513 Jun 16 j 22:54	0°♋	
retrograde	-2513 Jun 28 j 20:09	5°♋32'37	
evening set	-2513 Jul 05 j 22:14	3°♋10'22	
min. Earth dist.	-2513 Jul 09 j 12:35	0°♋20'25	0.62015 AU
	-2513 Jul 09 j 21:42	30°℞♊	
inferior conj	-2513 Jul 12 j 13:57	27°♊30'58	-4°-12'-30
minimum elong	-2513 Jul 12 j 17:09	27°♊23'31	4°12'01
morning rise	-2513 Jul 19 j 14:42	22°♊29'48	
direct	-2513 Jul 22 j 02:32	22°♊02'39	
morning max el	-2513 Jul 28 j 22:07	25°♊28'36	17°56'53
asc. node	-2513 Jul 29 j 07:56	25°♊53'12	
	-2513 Aug 01 j 17:21	0°♋	
morning set	-2513 Aug 14 j 00:26	20°♋42'25	
	-2513 Aug 19 j 04:15	0°♌	
superior conj	-2513 Aug 24 j 21:32	10°♌02'02	1°26'18
minimum elong	-2513 Aug 25 j 02:25	10°♌23'01	1°25'55
max. Earth dist.	-2513 Sep 01 j 03:39	22°♌13'32	1.42675 AU
	-2513 Sep 05 j 23:08	0°♍	
evening rise	-2513 Sep 08 j 09:45	3°♍51'44	
desc. node	-2513 Sep 08 j 17:51	4°♍23'29	
	-2513 Sep 25 j 19:47	0°♎	
greatest brilliancy	-2513 Oct 04 j 23:38	12°♎21'21	-0.4m
evening max el	-2513 Oct 09 j 20:55	17°♎56'19	21°44'00
retrograde	-2513 Oct 18 j 21:35	23°♎18'14	
evening set	-2513 Oct 23 j 03:08	21°♎39'45	
asc. node	-2513 Oct 25 j 07:02	19°♎33'47	
inferior conj	-2513 Oct 28 j 12:29	15°♎22'35	1°05'40
minimum elong	-2513 Oct 28 j 11:01	15°♎27'40	1°05'03
min. Earth dist.	-2513 Oct 28 j 17:02	15°♎06'54	0.67393 AU
morning rise	-2513 Nov 02 j 18:37	9°♎06'13	
direct	-2513 Nov 07 j 15:29	7°♎03'59	
morning max el	-2513 Nov 17 j 17:43	13°♎04'58	23°04'10
greatest brilliancy	-2513 Nov 22 j 16:11	18°♎37'34	-0.3m
	-2513 Dec 01 j 07:11	0°♏	
desc. node	-2513 Dec 05 j 17:18	6°♏19'33	
	-2513 Dec 20 j 23:38	0°♐	
morning set	-2513 Dec 22 j 05:47	2°♐04'34	
max. Earth dist.	-2513 Dec 26 j 20:09	9°♐51'30	1.39771 AU
superior conj	-2512 Jan 03 j 13:05	23°♐35'16	-1°-56'-35
minimum elong	-2512 Jan 03 j 14:15	23°♐40'36	1°56'39
	-2512 Jan 06 j 23:46	0°♑	
evening rise	-2512 Jan 13 j 02:56	11°♑41'32	
asc. node	-2512 Jan 21 j 06:15	26°♑40'02	
	-2512 Jan 23 j 07:22	0°♒	
evening max el	-2512 Jan 29 j 08:29	7°♒46'08	18°30'24
retrograde	-2512 Feb 05 j 22:24	11°♒28'40	
evening set	-2512 Feb 08 j 09:27	11°♒06'31	
inferior conj	-2512 Feb 15 j 20:19	6°♒34'58	3°34'15
minimum elong	-2512 Feb 15 j 23:40	6°♒28'19	3°33'42
min. Earth dist.	-2512 Feb 19 j 06:09	3°♒53'34	0.58633 AU
morning rise	-2512 Feb 23 j 10:14	1°♒11'56	
	-2512 Feb 26 j 12:09	30°℞♑	
direct	-2512 Feb 29 j 12:57	29°♑36'14	
desc. node	-2512 Mar 02 j 16:25	29°♑47'52	
	-2512 Mar 03 j 14:47	0°♒	
morning max el	-2512 Mar 14 j 19:50	7°♒11'06	26°39'34
	-2512 Mar 31 j 21:01	0°♓	
morning set	-2512 Apr 13 j 08:04	23°♓31'09	
	-2512 Apr 16 j 09:12	0°♈	
asc. node	-2512 Apr 18 j 05:41	4°♈01'25	
superior conj	-2512 Apr 20 j 09:57	8°♈47'28	0°22'45
minimum elong	-2512 Apr 20 j 08:58	8°♈42'00	0°22'33
max. Earth dist.	-2512 Apr 20 j 11:46	8°♈57'25	1.32525 AU
evening rise	-2512 Apr 27 j 10:29	23°♈55'46	
	-2512 Apr 30 j 09:43	0°♉	
	-2512 May 18 j 06:04	0°♊	
evening max el	-2512 May 27 j 01:14	10°♊11'40	26°34'19

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

desc. node	-2512 May 29 j 15:28	12°♊29'32	
retrograde	-2512 Jun 10 j 02:11	17°♊29'05	
evening set	-2512 Jun 16 j 15:35	15°♊39'17	
min. Earth dist.	-2512 Jun 20 j 14:35	12°♊59'47	0.59999 AU
inferior conj	-2512 Jun 23 j 23:01	10°♊17'43	-4°-28'-32
minimum elong	-2512 Jun 23 j 23:42	10°♊16'19	4°28'28
morning rise	-2512 Jul 01 j 11:10	5°♊38'35	
direct	-2512 Jul 03 j 22:34	5°♊15'53	
morning max el	-2512 Jul 11 j 09:11	8°♊52'05	18°15'03
asc. node	-2512 Jul 15 j 05:01	13°♊19'58	
	-2512 Jul 25 j 03:04	0°♋	
morning set	-2512 Jul 27 j 08:11	4°♋09'46	
superior conj	-2512 Aug 05 j 21:27	21°♋59'19	1°43'17
minimum elong	-2512 Aug 05 j 23:59	22°♋10'47	1°43'13
	-2512 Aug 10 j 09:21	0°♌	
max. Earth dist.	-2512 Aug 13 j 10:29	5°♌15'35	1.40893 AU
evening rise	-2512 Aug 18 j 10:38	13°♌36'48	
desc. node	-2512 Aug 25 j 14:50	25°♌01'07	
	-2512 Aug 28 j 21:05	0°♍	
greatest brilliancy	-2512 Sep 16 j 05:34	25°♍28'30	-0.2m
	-2512 Sep 20 j 04:04	0°♎	
evening max el	-2512 Sep 21 j 12:26	1°♎24'08	23°02'55
retrograde	-2512 Oct 01 j 15:26	7°♎23'59	
evening set	-2512 Oct 06 j 10:30	5°♎26'29	
asc. node	-2512 Oct 11 j 04:07	29°♍57'30	
	-2512 Oct 11 j 03:23	30°℞♍	
inferior conj	-2512 Oct 11 j 19:18	29°♍05'19	0°13'04
minimum elong	-2512 Oct 11 j 18:59	29°♍06'23	0°12'57
transit middle	-2512 Oct 11 j 18:59	29°♍06'23	0°12'57
transit begin	-2512 Oct 11 j 17:20	29°♍12'04	
transit end	-2512 Oct 11 j 20:38	29°♍00'43	
min. Earth dist.	-2512 Oct 11 j 13:30	29°♍25'15	0.67509 AU
morning rise	-2512 Oct 17 j 03:26	22°♍51'48	
direct	-2512 Oct 21 j 09:50	21°♍11'39	
morning max el	-2512 Oct 30 j 07:45	26°♍27'23	21°39'54
	-2512 Nov 02 j 12:48	0°♎	
greatest brilliancy	-2512 Nov 04 j 07:39	2°♎10'14	-0.4m
desc. node	-2512 Nov 21 j 14:19	26°♎32'12	
	-2512 Nov 23 j 21:05	0°♏	
morning set	-2512 Dec 01 j 00:20	11°♏06'29	
max. Earth dist.	-2512 Dec 07 j 20:40	22°♏12'15	1.41786 AU
	-2512 Dec 12 j 11:58	0°♐	
superior conj	-2512 Dec 15 j 09:45	5°♐00'54	-1°-55'-10
minimum elong	-2512 Dec 15 j 07:25	4°♐50'43	1°55'10
evening rise	-2512 Dec 26 j 06:54	24°♐34'24	
	-2512 Dec 29 j 06:06	0°♑	
asc. node	-2511 Jan 07 j 03:17	15°♑00'41	
evening max el	-2511 Jan 11 j 17:23	20°♑41'41	18°10'27
retrograde	-2511 Jan 18 j 13:47	24°♑10'18	
evening set	-2511 Jan 21 j 04:10	23°♑40'51	
inferior conj	-2511 Jan 28 j 00:39	18°♑47'06	3°56'58
minimum elong	-2511 Jan 28 j 01:23	18°♑45'24	3°56'53
min. Earth dist.	-2511 Jan 31 j 05:53	15°♑50'27	0.60674 AU
morning rise	-2511 Feb 03 j 19:51	13°♑04'58	
direct	-2511 Feb 10 j 15:20	10°♑52'32	
desc. node	-2511 Feb 17 j 13:30	12°♑55'15	
morning max el	-2511 Feb 24 j 19:15	18°♑35'45	27°29'59
	-2511 Mar 06 j 10:27	0°♒	
	-2511 Mar 24 j 12:37	0°♓	
morning set	-2511 Mar 28 j 15:43	8°♓16'44	
max. Earth dist.	-2511 Apr 04 j 00:42	21°♓52'18	1.32537 AU
superior conj	-2511 Apr 04 j 21:23	23°♓45'14	0°-2'-19
minimum elong	-2511 Apr 04 j 21:29	23°♓45'50	0°02'20
behind sun begin	-2511 Apr 04 j 16:30	23°♓18'32	
behind sun end	-2511 Apr 05 j 02:29	24°♓13'08	
asc. node	-2511 Apr 05 j 02:41	24°♓14'15	
	-2511 Apr 07 j 17:57	0°♈	
evening rise	-2511 Apr 11 j 20:59	8°♈52'03	
	-2511 Apr 22 j 21:32	0°♉	
evening max el	-2511 May 08 j 21:00	21°♉28'19	25°23'33
desc. node	-2511 May 16 j 12:31	27°♉03'46	
retrograde	-2511 May 22 j 22:16	28°♉38'57	
evening set	-2511 May 28 j 10:43	27°♉27'39	
min. Earth dist.	-2511 Jun 02 j 09:03	24°♉41'28	0.57989 AU
inferior conj	-2511 Jun 05 j 13:40	22°♉28'02	-4°-17'-19
minimum elong	-2511 Jun 05 j 10:29	22°♉33'38	4°16'58
morning rise	-2511 Jun 13 j 14:11	18°♉10'56	
direct	-2511 Jun 16 j 02:13	17°♉51'39	
morning max el	-2511 Jun 24 j 13:48	21°♉50'32	18°53'31
	-2511 Jul 01 j 01:39	0°♊	
asc. node	-2511 Jul 02 j 02:03	1°♊36'23	
morning set	-2511 Jul 11 j 02:52	18°♊10'37	
	-2511 Jul 17 j 03:36	0°♋	
superior conj	-2511 Jul 19 j 17:27	4°♋57'39	1°48'36
minimum elong	-2511 Jul 19 j 17:36	4°♋58'23	1°48'39
max. Earth dist.	-2511 Jul 26 j 13:24	17°♋35'39	1.38922 AU
evening rise	-2511 Jul 30 j 12:55	24°♋34'29	
	-2511 Aug 02 j 17:54	0°♌	
desc. node	-2511 Aug 12 j 11:50	15°♌28'23	
	-2511 Aug 22 j 14:43	0°♍	
evening max el	-2511 Sep 04 j 00:25	14°♍54'07	24°23'00
retrograde	-2511 Sep 15 j 05:40	21°♍28'33	
evening set	-2511 Sep 20 j 15:34	19°♍11'55	
min. Earth dist.	-2511 Sep 25 j 09:03	13°♍44'50	0.67315 AU
inferior conj	-2511 Sep 26 j 01:16	12°♍50'20	0°-41'-3
minimum elong	-2511 Sep 26 j 02:16	12°♍47'01	0°40'37
asc. node	-2511 Sep 28 j 01:10	10°♍13'53	
morning rise	-2511 Oct 01 j 13:15	6°♍42'36	
direct	-2511 Oct 05 j 06:47	5°♍22'53	
morning max el	-2511 Oct 13 j 04:51	9°♍59'06	20°24'49
greatest brilliancy	-2511 Oct 19 j 17:21	17°♍50'02	-0.5m
	-2511 Oct 28 j 06:20	0°♎	
desc. node	-2511 Nov 08 j 11:20	16°♎59'07	
morning set	-2511 Nov 09 j 23:27	19°♎18'42	
	-2511 Nov 16 j 19:09	0°♏	
max. Earth dist.	-2511 Nov 20 j 04:56	5°♏26'32	1.43439 AU
superior conj	-2511 Nov 26 j 04:32	15°♏12'00	-1°-38'-24
minimum elong	-2511 Nov 25 j 22:10	14°♏45'42	1°37'58
	-2511 Dec 04 j 22:32	0°♐	
evening rise	-2511 Dec 08 j 18:46	6°♐40'40	
	-2511 Dec 22 j 22:52	0°♑	
asc. node	-2511 Dec 25 j 00:19	2°♑34'34	
evening max el	-2511 Dec 26 j 05:24	3°♑52'57	18°10'03
retrograde	-2510 Jan 01 j 18:30	7°♑21'04	
evening set	-2510 Jan 04 j 12:17	6°♑43'27	
inferior conj	-2510 Jan 10 j 21:24	1°♑28'31	3°54'37
minimum elong	-2510 Jan 10 j 19:59	1°♑32'14	3°54'27
	-2510 Jan 12 j 07:04	30°℞♐	
min. Earth dist.	-2510 Jan 13 j 14:20	28°♐39'21	0.62621 AU
morning rise	-2510 Jan 17 j 01:45	25°♐33'10	
direct	-2510 Jan 24 j 02:40	22°♐54'21	
desc. node	-2510 Feb 04 j 10:34	28°♐18'06	
	-2510 Feb 06 j 07:30	0°♑	
morning max el	-2510 Feb 07 j 00:42	0°♑41'42	27°44'22
	-2510 Feb 28 j 11:40	0°♒	
morning set	-2510 Mar 12 j 18:06	22°♒43'41	
	-2510 Mar 16 j 06:42	0°♓	
max. Earth dist.	-2510 Mar 18 j 09:49	4°♓31'15	1.32909 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2510 Mar 20 j 06:56	8°♓34'03	0°-28'-2
minimum elong	-2510 Mar 20 j 08:13	8°♓41'00	0°27'48
asc. node	-2510 Mar 22 j 23:41	14°♓24'58	
evening rise	-2510 Mar 27 j 08:42	23°♓48'19	
	-2510 Mar 30 j 08:39	0°♈	
	-2510 Apr 18 j 08:06	0°♉	
evening max el	-2510 Apr 20 j 12:28	2°♉14'05	23°53'53
desc. node	-2510 May 03 j 09:33	9°♉06'02	
retrograde	-2510 May 04 j 06:40	9°♉07'48	
evening set	-2510 May 08 j 10:09	8°♉29'42	
min. Earth dist.	-2510 May 14 j 23:39	5°♉22'10	0.56304 AU
inferior conj	-2510 May 17 j 08:08	3°♉55'44	-3°-27'-57
minimum elong	-2510 May 17 j 01:54	4°♉05'19	3°26'31
morning rise	-2510 May 25 j 21:28	29°♈55'34	
	-2510 May 25 j 13:41	30°℞♈	
direct	-2510 May 28 j 10:37	29°♈38'49	
	-2510 May 31 j 05:30	0°♉	
morning max el	-2510 Jun 07 j 09:24	4°♉15'11	19°52'36
asc. node	-2510 Jun 18 j 23:05	20°♉30'58	
	-2510 Jun 23 j 22:03	0°♊	
morning set	-2510 Jun 25 j 05:16	2°♊36'26	
superior conj	-2510 Jul 03 j 04:05	18°♊41'31	1°44'49
minimum elong	-2510 Jul 03 j 02:33	18°♊33'55	1°44'48
max. Earth dist.	-2510 Jul 08 j 16:47	29°♊26'13	1.37021 AU
	-2510 Jul 08 j 23:57	0°♋	
evening rise	-2510 Jul 12 j 15:19	6°♋43'10	
	-2510 Jul 26 j 14:12	0°♌	
desc. node	-2510 Jul 30 j 08:49	5°♌39'49	
evening max el	-2510 Aug 17 j 11:15	28°♌26'42	25°37'01
	-2510 Aug 19 j 02:54	0°♍	
retrograde	-2510 Aug 29 j 15:40	5°♍27'33	
evening set	-2510 Sep 04 j 16:29	2°♍54'19	
	-2510 Sep 07 j 11:49	30°℞♌	
min. Earth dist.	-2510 Sep 09 j 01:23	28°♌03'46	0.66794 AU
inferior conj	-2510 Sep 10 j 04:44	26°♌35'54	-1°-35'-4
minimum elong	-2510 Sep 10 j 07:00	26°♌28'34	1°34'08
asc. node	-2510 Sep 14 j 22:15	21°♌20'12	
morning rise	-2510 Sep 15 j 22:11	20°♌36'56	
direct	-2510 Sep 19 j 04:58	19°♌34'36	
morning max el	-2510 Sep 26 j 09:20	23°♌40'01	19°22'57
	-2510 Oct 01 j 15:20	0°♍	
greatest brilliancy	-2510 Oct 06 j 02:33	6°♍20'54	-0.7m
morning set	-2510 Oct 20 j 01:51	27°♍48'08	
	-2510 Oct 21 j 11:41	0°♎	
desc. node	-2510 Oct 26 j 08:20	7°♎35'44	
max. Earth dist.	-2510 Nov 02 j 19:10	19°♎18'43	1.44521 AU
superior conj	-2510 Nov 05 j 20:38	24°♎10'11	-1°-4'-13
minimum elong	-2510 Nov 05 j 13:29	23°♎41'44	1°03'26
	-2510 Nov 09 j 12:03	0°♏	
evening rise	-2510 Nov 20 j 10:01	17°♏51'28	
	-2510 Nov 27 j 17:41	0°♐	
evening max el	-2510 Dec 09 j 17:46	17°♐13'20	18°28'23
asc. node	-2510 Dec 11 j 21:22	19°♐08'07	
retrograde	-2510 Dec 16 j 08:04	20°♐51'45	
evening set	-2510 Dec 19 j 06:15	20°♐04'41	
inferior conj	-2510 Dec 25 j 06:40	14°♐30'46	3°34'36
minimum elong	-2510 Dec 25 j 04:01	14°♐38'27	3°34'04
min. Earth dist.	-2510 Dec 27 j 08:47	12°♐05'44	0.64303 AU
morning rise	-2510 Dec 31 j 00:26	8°♐26'14	
direct	-2509 Jan 06 j 21:36	5°♐35'43	
morning max el	-2509 Jan 20 j 09:34	13°♐20'34	27°23'04
desc. node	-2509 Jan 22 j 07:37	15°♐19'47	
	-2509 Feb 02 j 21:24	0°♑	
	-2509 Feb 21 j 00:40	0°♒	
morning set	-2509 Feb 24 j 12:24	6°♒41'37	

max. Earth dist.	-2509 Mar 01 j 10:56	16°♒39'41	1.33682 AU
superior conj	-2509 Mar 04 j 12:43	23°♒06'30	0°-53'-24
minimum elong	-2509 Mar 04 j 15:07	23°♒19'11	0°53'00
	-2509 Mar 07 j 18:19	0°♓	
asc. node	-2509 Mar 09 j 20:42	4°♓28'39	
evening rise	-2509 Mar 11 j 19:47	8°♓37'07	
	-2509 Mar 23 j 04:36	0°♈	
evening max el	-2509 Apr 02 j 05:46	12°♈55'12	22°19'34
retrograde	-2509 Apr 15 j 02:56	19°♈13'06	
evening set	-2509 Apr 18 j 01:14	18°♈54'11	
desc. node	-2509 Apr 20 j 06:37	18°♈16'22	
min. Earth dist.	-2509 Apr 26 j 13:27	15°♈13'15	0.55281 AU
inferior conj	-2509 Apr 27 j 09:34	14°♈44'43	-1°-56'-56
minimum elong	-2509 Apr 27 j 04:28	14°♈51'58	1°55'17
morning rise	-2509 May 06 j 09:36	10°♈48'33	
direct	-2509 May 09 j 02:59	10°♈31'40	
morning max el	-2509 May 20 j 18:13	15°♈58'38	21°11'12
	-2509 May 31 j 09:49	0°♉	
asc. node	-2509 Jun 05 j 20:08	9°♉54'02	
morning set	-2509 Jun 09 j 12:51	17°♉20'06	
	-2509 Jun 15 j 14:41	0°♊	
superior conj	-2509 Jun 17 j 01:01	2°♊57'57	1°34'12
minimum elong	-2509 Jun 16 j 22:36	2°♊45'30	1°34'02
max. Earth dist.	-2509 Jun 21 j 02:58	11°♊15'20	1.35386 AU
evening rise	-2509 Jun 25 j 12:55	19°♊50'05	
	-2509 Jul 01 j 02:30	0°♋	
desc. node	-2509 Jul 17 j 05:50	25°♋28'16	
	-2509 Jul 20 j 14:02	0°♌	
evening max el	-2509 Jul 30 j 22:38	11°♌58'46	26°37'00
retrograde	-2509 Aug 12 j 20:49	19°♌14'50	
evening set	-2509 Aug 19 j 11:10	16°♌30'49	
min. Earth dist.	-2509 Aug 23 j 12:10	12°♌18'25	0.65925 AU
inferior conj	-2509 Aug 25 j 03:44	10°♌19'16	-2°-27'-8
minimum elong	-2509 Aug 25 j 07:09	10°♌09'01	2°25'55
morning rise	-2509 Aug 31 j 04:12	4°♌32'12	
asc. node	-2509 Sep 01 j 19:20	3°♌53'14	
direct	-2509 Sep 03 j 02:40	3°♌43'37	
morning max el	-2509 Sep 09 j 19:48	7°♌27'06	18°36'35
	-2509 Sep 25 j 11:45	0°♍	
morning set	-2509 Sep 30 j 03:15	7°♍28'15	
desc. node	-2509 Oct 13 j 05:21	28°♍18'37	
	-2509 Oct 14 j 07:04	0°♎	
superior conj	-2509 Oct 15 j 21:08	2°♎29'56	0°-17'00
minimum elong	-2509 Oct 15 j 18:52	2°♎21'03	0°16'44
max. Earth dist.	-2509 Oct 16 j 12:53	3°♎31'56	1.44907 AU
evening rise	-2509 Nov 01 j 01:11	28°♎01'11	
	-2509 Nov 02 j 07:05	0°♏	
	-2509 Nov 22 j 13:24	0°♐	
evening max el	-2509 Nov 23 j 04:08	0°♐39'05	19°04'14
asc. node	-2509 Nov 28 j 18:26	4°♐26'42	
retrograde	-2509 Nov 30 j 02:47	4°♐36'52	
evening set	-2509 Dec 03 j 07:07	3°♐38'23	
	-2509 Dec 07 j 05:54	30°℞♏	
inferior conj	-2509 Dec 09 j 01:03	27°♏48'14	3°02'21
minimum elong	-2509 Dec 08 j 22:01	27°♏57'44	3°01'29
min. Earth dist.	-2509 Dec 10 j 12:35	25°♏56'51	0.65636 AU
morning rise	-2509 Dec 14 j 12:00	21°♏37'20	
direct	-2509 Dec 20 j 22:59	18°♏49'30	
morning max el	-2508 Jan 02 j 19:09	26°♏20'42	26°31'38
	-2508 Jan 06 j 05:05	0°♐	
desc. node	-2508 Jan 09 j 04:42	3°♐32'02	
	-2508 Jan 27 j 11:04	0°♑	
morning set	-2508 Feb 07 j 18:59	19°♑59'14	
max. Earth dist.	-2508 Feb 12 j 00:51	28°♑11'43	1.34908 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2508 Feb 12 j 22:38	0°♒	
superior conj	-2508 Feb 16 j 12:34	7°♒16'04	-1°-17'-8
minimum elong	-2508 Feb 16 j 15:46	7°♒32'32	1°16'43
evening rise	-2508 Feb 24 j 04:28	23°♒12'35	
asc. node	-2508 Feb 24 j 17:45	24°♒20'52	
	-2508 Feb 27 j 12:59	0°♓	
evening max el	-2508 Mar 14 j 07:03	23°♓58'10	20°53'06
retrograde	-2508 Mar 25 j 16:07	29°♓25'01	
evening set	-2508 Mar 27 j 23:53	29°♓12'16	
inferior conj	-2508 Apr 06 j 04:23	25°♓14'46	0°00'-28
minimum elong	-2508 Apr 06 j 04:22	25°♓14'48	0°00'28
transit middle	-2508 Apr 06 j 04:22	25°♓14'48	0°00'28
transit begin	-2508 Apr 06 j 00:17	25°♓20'38	
transit end	-2508 Apr 06 j 08:27	25°♓08'58	
desc. node	-2508 Apr 06 j 03:42	25°♓15'45	
min. Earth dist.	-2508 Apr 07 j 03:21	24°♓42'01	0.55163 AU
morning rise	-2508 Apr 15 j 07:40	21°♓04'54	
direct	-2508 Apr 18 j 14:38	20°♓41'21	
morning max el	-2508 May 01 j 16:36	27°♓00'56	22°45'05
	-2508 May 04 j 13:54	0°♈	
asc. node	-2508 May 22 j 17:10	29°♈37'55	
	-2508 May 22 j 21:28	0°♉	
morning set	-2508 May 23 j 23:34	2°♉15'21	
superior conj	-2508 May 31 j 04:58	17°♉36'37	1°18'29
minimum elong	-2508 May 31 j 02:22	17°♉22'46	1°18'10
max. Earth dist.	-2508 Jun 02 j 23:13	23°♉25'06	1.34114 AU
	-2508 Jun 06 j 04:19	0°♊	
evening rise	-2508 Jun 08 j 00:40	3°♊40'32	
	-2508 Jun 22 j 21:32	0°♋	
desc. node	-2508 Jul 03 j 02:51	14°♋43'31	
evening max el	-2508 Jul 12 j 10:15	25°♋20'50	27°15'06
	-2508 Jul 18 j 03:23	0°♌	
retrograde	-2508 Jul 25 j 20:24	2°♌42'15	
evening set	-2508 Aug 01 j 20:50	29°♋56'40	
	-2508 Aug 01 j 19:08	30°℞♋	
min. Earth dist.	-2508 Aug 05 j 15:05	26°♋21'35	0.64691 AU
inferior conj	-2508 Aug 07 j 20:01	23°♋55'29	-3°-14'-54
minimum elong	-2508 Aug 08 j 00:06	23°♋44'11	3°13'43
morning rise	-2508 Aug 14 j 04:54	18°♋23'39	
direct	-2508 Aug 16 j 21:31	17°♋45'25	
asc. node	-2508 Aug 18 j 16:26	18°♋02'17	
morning max el	-2508 Aug 23 j 09:54	21°♋15'11	18°07'00
	-2508 Aug 30 j 02:29	0°♌	
morning set	-2508 Sep 10 j 08:31	18°♌29'09	
	-2508 Sep 17 j 06:29	0°♍	
superior conj	-2508 Sep 24 j 03:39	11°♍11'15	0°31'33
minimum elong	-2508 Sep 24 j 07:19	11°♍25'55	0°31'06
max. Earth dist.	-2508 Sep 28 j 07:03	17°♍47'32	1.44561 AU
desc. node	-2508 Sep 29 j 02:20	19°♍03'52	
	-2508 Oct 06 j 01:40	0°♎	
evening rise	-2508 Oct 10 j 17:37	7°♎14'32	
	-2508 Oct 25 j 16:14	0°♏	
greatest brilliancy	-2508 Oct 29 j 01:27	4°♏52'26	-0.6m
evening max el	-2508 Nov 05 j 10:16	14°♏06'14	19°56'05
retrograde	-2508 Nov 12 j 23:53	18°♏31'36	
asc. node	-2508 Nov 14 j 15:32	18°♏15'51	
evening set	-2508 Nov 16 j 12:21	17°♏19'18	
inferior conj	-2508 Nov 22 j 01:40	11°♏15'53	2°21'30
minimum elong	-2508 Nov 21 j 22:54	11°♏25'02	2°20'31
min. Earth dist.	-2508 Nov 22 j 23:59	10°♏01'56	0.66595 AU
morning rise	-2508 Nov 27 j 08:50	5°♏01'03	
direct	-2508 Dec 03 j 05:54	2°♏26'44	
morning max el	-2508 Dec 15 j 03:56	9°♏31'02	25°18'48
desc. node	-2508 Dec 26 j 01:46	22°♏33'48	
	-2508 Dec 31 j 09:37	0°♐	
	-2507 Jan 19 j 01:07	0°♑	
morning set	-2507 Jan 20 j 08:57	2°♑22'27	
max. Earth dist.	-2507 Jan 24 j 03:29	9°♑18'39	1.36575 AU
superior conj	-2507 Jan 30 j 03:39	20°♑54'39	-1°-37'-29
minimum elong	-2507 Jan 30 j 07:01	21°♑11'19	1°37'12
	-2507 Feb 03 j 16:11	0°♒	
evening rise	-2507 Feb 07 j 08:43	7°♒28'53	
asc. node	-2507 Feb 10 j 14:48	13°♒56'44	
	-2507 Feb 20 j 00:28	0°♓	
evening max el	-2507 Feb 24 j 19:00	5°♓36'24	19°42'22
retrograde	-2507 Mar 06 j 11:02	10°♓12'47	
evening set	-2507 Mar 08 j 16:58	9°♓58'58	
inferior conj	-2507 Mar 17 j 06:56	5°♓55'46	1°48'54
minimum elong	-2507 Mar 17 j 11:05	5°♓49'13	1°47'35
min. Earth dist.	-2507 Mar 19 j 17:39	4°♓23'50	0.55975 AU
desc. node	-2507 Mar 24 j 00:47	2°♓04'37	
morning rise	-2507 Mar 26 j 01:52	1°♓18'02	
direct	-2507 Mar 30 j 09:22	0°♓36'31	
morning max el	-2507 Apr 13 j 08:25	7°♓37'11	24°25'00
	-2507 Apr 29 j 14:54	0°♈	
morning set	-2507 May 08 j 11:42	17°♈16'36	
asc. node	-2507 May 09 j 14:13	19°♈36'40	
	-2507 May 14 j 09:51	0°♉	
superior conj	-2507 May 15 j 13:30	2°♉29'46	0°58'56
minimum elong	-2507 May 15 j 11:13	2°♉17'28	0°58'34
max. Earth dist.	-2507 May 17 j 04:29	5°♉59'57	1.33213 AU
evening rise	-2507 May 22 j 22:28	18°♉02'08	
	-2507 May 29 j 02:32	0°♊	
	-2507 Jun 17 j 08:27	0°♋	
desc. node	-2507 Jun 19 j 23:53	3°♋11'46	
evening max el	-2507 Jun 24 j 20:09	8°♋20'22	27°24'45
retrograde	-2507 Jul 08 j 13:50	15°♋41'47	
evening set	-2507 Jul 15 j 18:08	13°♋06'54	
min. Earth dist.	-2507 Jul 19 j 08:17	10°♋03'49	0.63091 AU
inferior conj	-2507 Jul 22 j 02:48	7°♋19'03	-3°-54'-56
minimum elong	-2507 Jul 22 j 06:43	7°♋09'20	3°54'07
morning rise	-2507 Jul 28 j 21:27	2°♋05'52	
direct	-2507 Jul 31 j 10:32	1°♋35'12	
asc. node	-2507 Aug 05 j 13:30	3°♋40'08	
morning max el	-2507 Aug 07 j 01:07	4°♋59'35	17°55'14
	-2507 Aug 23 j 04:57	0°♌	
morning set	-2507 Aug 23 j 13:48	0°♌38'58	
superior conj	-2507 Sep 04 j 09:52	21°♌03'59	1°10'19
minimum elong	-2507 Sep 04 j 15:23	21°♌27'02	1°09'45
	-2507 Sep 09 j 20:00	0°♍	
max. Earth dist.	-2507 Sep 10 j 22:33	1°♍47'26	1.43534 AU
desc. node	-2507 Sep 15 j 23:19	9°♍48'44	
evening rise	-2507 Sep 19 j 22:50	16°♍01'48	
	-2507 Sep 29 j 02:56	0°♎	
greatest brilliancy	-2507 Oct 13 j 22:51	21°♎05'50	-0.5m
evening max el	-2507 Oct 19 j 10:40	27°♎32'55	21°01'28
	-2507 Oct 22 j 02:33	0°♏	
retrograde	-2507 Oct 27 j 21:04	2°♏32'48	
evening set	-2507 Oct 31 j 19:52	1°♏04'18	
asc. node	-2507 Nov 01 j 12:37	0°♏30'04	
	-2507 Nov 02 j 01:35	30°℞♎	
inferior conj	-2507 Nov 06 j 06:12	24°♎50'58	1°34'36
minimum elong	-2507 Nov 06 j 04:10	24°♎57'57	1°33'47
min. Earth dist.	-2507 Nov 06 j 16:49	24°♎14'36	0.67199 AU
morning rise	-2507 Nov 11 j 12:05	18°♎34'31	
direct	-2507 Nov 16 j 17:42	16°♎20'00	
morning max el	-2507 Nov 27 j 12:40	22°♎45'58	23°54'16
	-2507 Dec 03 j 21:08	0°♏	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

desc. node	-2507 Dec 12 j 22:49	12°♏10'34	
	-2507 Dec 24 j 18:31	0°♐	
morning set	-2506 Jan 02 j 00:12	13°♐34'44	
max. Earth dist.	-2506 Jan 05 j 23:43	20°♐30'56	1.38568 AU
	-2506 Jan 11 j 04:52	0°♑	
superior conj	-2506 Jan 13 j 06:12	3°♑51'37	-1°-52'-2
minimum elong	-2506 Jan 13 j 08:37	4°♑03'03	1°52'00
evening rise	-2506 Jan 22 j 06:03	21°♑18'52	
	-2506 Jan 26 j 18:30	0°♒	
asc. node	-2506 Jan 28 j 11:51	3°♒09'46	
evening max el	-2506 Feb 07 j 16:58	17°♒49'50	18°50'49
retrograde	-2506 Feb 15 j 22:16	21°♒47'54	
evening set	-2506 Feb 18 j 07:07	21°♒29'27	
inferior conj	-2506 Feb 26 j 03:28	17°♒09'30	3°06'30
minimum elong	-2506 Feb 26 j 07:56	17°♒01'21	3°05'30
min. Earth dist.	-2506 Mar 01 j 09:41	14°♒48'02	0.57525 AU
morning rise	-2506 Mar 06 j 04:51	12°♒00'53	
desc. node	-2506 Mar 10 j 21:54	10°♒49'15	
direct	-2506 Mar 11 j 16:53	10°♒47'43	
morning max el	-2506 Mar 25 j 23:50	18°♒13'59	25°56'43
	-2506 Apr 04 j 19:07	0°♓	
	-2506 Apr 21 j 21:14	0°♈	
morning set	-2506 Apr 22 j 23:27	2°♈16'37	
asc. node	-2506 Apr 26 j 11:14	9°♈44'14	
superior conj	-2506 Apr 30 j 00:29	17°♈29'20	0°36'35
minimum elong	-2506 Apr 29 j 22:57	17°♈20'54	0°36'16
max. Earth dist.	-2506 Apr 30 j 15:30	18°♈51'23	1.32672 AU
	-2506 May 05 j 19:46	0°♉	
evening rise	-2506 May 07 j 03:03	2°♉43'16	
	-2506 May 21 j 23:49	0°♊	
desc. node	-2506 Jun 06 j 20:55	20°♊32'06	
evening max el	-2506 Jun 07 j 01:38	20°♊43'23	27°02'02
retrograde	-2506 Jun 21 j 00:26	28°♊03'12	
evening set	-2506 Jun 27 j 22:53	25°♊53'02	
min. Earth dist.	-2506 Jul 01 j 15:16	23°♊10'01	0.61178 AU
inferior conj	-2506 Jul 04 j 20:46	20°♊21'01	-4°-21'-57
minimum elong	-2506 Jul 04 j 23:07	20°♊15'52	4°21'40
morning rise	-2506 Jul 12 j 02:17	15°♊29'21	
direct	-2506 Jul 14 j 13:50	15°♊04'13	
morning max el	-2506 Jul 21 j 14:33	18°♊32'47	18°02'15
asc. node	-2506 Jul 23 j 10:33	20°♊31'06	
	-2506 Jul 29 j 22:04	0°♋	
morning set	-2506 Aug 06 j 13:17	13°♋41'17	
	-2506 Aug 15 j 12:14	0°♌	
superior conj	-2506 Aug 16 j 19:37	2°♌18'50	1°35'06
minimum elong	-2506 Aug 16 j 23:36	2°♌36'19	1°34'51
max. Earth dist.	-2506 Aug 24 j 08:35	15°♌13'12	1.41957 AU
evening rise	-2506 Aug 30 j 11:47	25°♌12'24	
desc. node	-2506 Sep 02 j 20:18	0°♍29'55	
	-2506 Sep 02 j 12:38	0°♍	
	-2506 Sep 23 j 01:22	0°♎	
greatest brilliancy	-2506 Sep 27 j 11:17	5°♎39'02	-0.3m
evening max el	-2506 Oct 02 j 04:58	10°♎59'22	22°16'53
retrograde	-2506 Oct 11 j 16:41	16°♎37'53	
evening set	-2506 Oct 16 j 03:47	14°♎51'16	
asc. node	-2506 Oct 19 j 09:40	11°♎23'38	
inferior conj	-2506 Oct 21 j 12:41	8°♎31'40	0°43'38
minimum elong	-2506 Oct 21 j 11:41	8°♎35'08	0°43'12
min. Earth dist.	-2506 Oct 21 j 12:43	8°♎31'34	0.67480 AU
morning rise	-2506 Oct 26 j 19:27	2°♎16'10	
direct	-2506 Oct 31 j 09:54	0°♎23'40	
morning max el	-2506 Nov 09 j 23:58	6°♎05'26	22°27'32
greatest brilliancy	-2506 Nov 14 j 16:09	11°♎20'57	-0.3m
	-2506 Nov 28 j 07:56	0°♏	
desc. node	-2506 Nov 29 j 19:49	2°♏12'20	
morning set	-2506 Dec 13 j 11:18	23°♏23'58	
	-2506 Dec 17 j 11:19	0°♐	
max. Earth dist.	-2506 Dec 18 j 20:43	2°♐20'32	1.40652 AU
superior conj	-2506 Dec 26 j 15:23	15°♐54'38	-1°-57'-36
minimum elong	-2506 Dec 26 j 15:15	15°♐54'01	1°57'42
	-2505 Jan 03 j 06:55	0°♑	
evening rise	-2505 Jan 05 j 17:26	4°♑35'14	
asc. node	-2505 Jan 15 j 08:53	21°♑52'30	
	-2505 Jan 21 j 09:44	0°♒	
evening max el	-2505 Jan 21 j 22:44	0°♒32'44	18°19'27
retrograde	-2505 Jan 29 j 04:05	4°♒07'52	
evening set	-2505 Jan 31 j 16:24	3°♒42'54	
	-2505 Feb 06 j 17:06	30°℞♑	
inferior conj	-2505 Feb 07 j 20:48	29°♑02'00	3°47'30
minimum elong	-2505 Feb 07 j 23:03	28°♑57'13	3°47'13
min. Earth dist.	-2505 Feb 11 j 06:02	26°♑10'52	0.59490 AU
morning rise	-2505 Feb 15 j 02:19	23°♑29'33	
direct	-2505 Feb 21 j 13:23	21°♑37'27	
desc. node	-2505 Feb 25 j 18:58	22°♑23'16	
morning max el	-2505 Mar 07 j 19:51	29°♑17'25	27°05'14
	-2505 Mar 08 j 13:00	0°♒	
	-2505 Mar 29 j 13:32	0°♓	
morning set	-2505 Apr 07 j 09:08	17°♓09'22	
asc. node	-2505 Apr 13 j 08:16	29°♓56'22	
	-2505 Apr 13 j 08:55	0°♈	
max. Earth dist.	-2505 Apr 14 j 04:38	1°♈47'52	1.32482 AU
superior conj	-2505 Apr 14 j 12:14	2°♈29'29	0°12'15
minimum elong	-2505 Apr 14 j 11:41	2°♈26'29	0°12'08
behind sun begin	-2505 Apr 14 j 08:28	2°♈08'50	
behind sun end	-2505 Apr 14 j 14:54	2°♈44'09	
evening rise	-2505 Apr 21 j 11:58	17°♈35'52	
	-2505 Apr 27 j 16:38	0°♉	
	-2505 May 17 j 16:28	0°♊	
evening max el	-2505 May 20 j 00:51	2°♊23'11	26°07'17
desc. node	-2505 May 24 j 17:58	6°♊16'39	
retrograde	-2505 Jun 03 j 02:47	9°♊39'20	
evening set	-2505 Jun 09 j 06:56	8°♊05'33	
min. Earth dist.	-2505 Jun 13 j 13:39	5°♊25'14	0.59121 AU
inferior conj	-2505 Jun 16 j 22:17	2°♊52'27	-4°-27'-47
minimum elong	-2505 Jun 16 j 21:25	2°♊54'06	4°27'44
	-2505 Jun 21 j 00:57	30°℞♉	
morning rise	-2505 Jun 24 j 15:37	28°♉23'12	
direct	-2505 Jun 27 j 03:03	28°♉02'13	
	-2505 Jul 02 j 19:23	0°♊	
morning max el	-2505 Jul 04 j 23:14	1°♊46'29	18°28'57
asc. node	-2505 Jul 10 j 07:35	8°♊20'03	
morning set	-2505 Jul 21 j 02:04	27°♊23'14	
	-2505 Jul 22 j 10:40	0°♋	
superior conj	-2505 Jul 30 j 04:45	14°♋43'41	1°46'48
minimum elong	-2505 Jul 30 j 06:12	14°♋50'27	1°46'49
max. Earth dist.	-2505 Aug 06 j 12:43	27°♋54'05	1.40055 AU
	-2505 Aug 07 j 17:52	0°♌	
evening rise	-2505 Aug 10 j 23:03	5°♌26'42	
desc. node	-2505 Aug 20 j 17:17	21°♌03'27	
	-2505 Aug 26 j 16:43	0°♍	
evening max el	-2505 Sep 14 j 18:32	24°♍27'23	23°37'16
	-2505 Sep 22 j 03:31	0°♎	
retrograde	-2505 Sep 25 j 09:13	0°♎43'27	
	-2505 Sep 28 j 09:20	30°℞♍	
evening set	-2505 Sep 30 j 10:22	28°♍37'48	
inferior conj	-2505 Oct 05 j 19:21	22°♍15'48	0°-9'-46
minimum elong	-2505 Oct 05 j 19:35	22°♍15'01	0°09'41
transit middle	-2505 Oct 05 j 19:35	22°♍15'01	0°09'41

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

transit begin	-2505 Oct 05 j 17:24	22°♍22'29	
transit end	-2505 Oct 05 j 21:46	22°♍07'34	
min. Earth dist.	-2505 Oct 05 j 09:12	22°♍50'33	0.67459 AU
asc. node	-2505 Oct 06 j 06:44	21°♍37'00	
morning rise	-2505 Oct 11 j 04:54	16°♍04'08	
direct	-2505 Oct 15 j 05:31	14°♍33'02	
morning max el	-2505 Oct 23 j 16:47	19°♍31'33	21°06'29
greatest brilliancy	-2505 Oct 29 j 05:35	25°♍58'34	-0.5m
	-2505 Nov 01 j 06:32	0°♎	
desc. node	-2505 Nov 16 j 16:48	22°♎31'28	
	-2505 Nov 21 j 13:13	0°♏	
morning set	-2505 Nov 22 j 19:27	1°♏58'05	
max. Earth dist.	-2505 Nov 30 j 23:53	15°♏02'45	1.42547 AU
superior conj	-2505 Dec 08 j 01:33	26°♏49'39	-1°-50'-9
minimum elong	-2505 Dec 07 j 21:25	26°♏32'00	1°49'59
	-2505 Dec 09 j 22:02	0°♐	
evening rise	-2505 Dec 19 j 15:05	17°♐09'04	
	-2505 Dec 26 j 20:58	0°♑	
asc. node	-2504 Jan 02 j 05:56	9°♑54'47	
evening max el	-2504 Jan 05 j 09:20	13°♑35'59	18°07'57
retrograde	-2504 Jan 12 j 01:31	17°♑02'44	
evening set	-2504 Jan 14 j 17:15	16°♑30'00	
inferior conj	-2504 Jan 21 j 08:36	11°♑27'22	3°58'30
minimum elong	-2504 Jan 21 j 08:19	11°♑28'04	3°58'26
min. Earth dist.	-2504 Jan 24 j 09:22	8°♑31'05	0.61532 AU
morning rise	-2504 Jan 27 j 20:57	5°♑39'00	
direct	-2504 Feb 03 j 20:11	3°♑13'16	
desc. node	-2504 Feb 12 j 16:02	6°♑32'23	
morning max el	-2504 Feb 17 j 21:54	10°♑59'20	27°40'29
	-2504 Mar 03 j 20:10	0°♒	
	-2504 Mar 20 j 17:40	0°♓	
morning set	-2504 Mar 21 j 14:48	1°♓47'36	
max. Earth dist.	-2504 Mar 27 j 16:11	14°♓36'13	1.32645 AU
superior conj	-2504 Mar 28 j 23:04	17°♓24'02	0°-13'-13
minimum elong	-2504 Mar 28 j 23:40	17°♓27'21	0°13'07
behind sun begin	-2504 Mar 28 j 20:48	17°♓11'44	
behind sun end	-2504 Mar 29 j 02:32	17°♓42'58	
asc. node	-2504 Mar 30 j 05:17	20°♓08'47	
	-2504 Apr 03 j 18:26	0°♈	
evening rise	-2504 Apr 04 j 23:11	2°♈32'36	
	-2504 Apr 19 j 22:59	0°♉	
evening max el	-2504 Apr 30 j 18:23	13°♉24'29	24°47'00
desc. node	-2504 May 10 j 15:02	19°♉50'15	
retrograde	-2504 May 14 j 18:21	20°♉29'47	
evening set	-2504 May 19 j 16:53	19°♉34'18	
min. Earth dist.	-2504 May 25 j 06:23	16°♉40'16	0.57204 AU
inferior conj	-2504 May 28 j 04:23	14°♉45'08	-4°-1'-36
minimum elong	-2504 May 27 j 23:36	14°♉53'04	4°00'50
morning rise	-2504 Jun 05 j 10:19	10°♉35'57	
direct	-2504 Jun 07 j 22:36	10°♉17'58	
morning max el	-2504 Jun 17 j 00:18	14°♉31'34	19°16'10
asc. node	-2504 Jun 26 j 04:38	26°♉54'03	
	-2504 Jun 27 j 23:00	0°♊	
morning set	-2504 Jul 04 j 00:24	11°♊35'40	
superior conj	-2504 Jul 12 j 07:33	28°♊02'57	1°47'57
minimum elong	-2504 Jul 12 j 06:54	27°♊59'44	1°48'00
	-2504 Jul 13 j 07:44	0°♋	
max. Earth dist.	-2504 Jul 18 j 14:55	9°♋58'11	1.38087 AU
evening rise	-2504 Jul 22 j 12:09	16°♋56'16	
	-2504 Jul 30 j 06:09	0°♌	
desc. node	-2504 Aug 06 j 14:17	11°♌24'55	
	-2504 Aug 20 j 02:52	0°♍	
evening max el	-2504 Aug 27 j 05:58	7°♍59'37	24°55'49
retrograde	-2504 Sep 07 j 21:45	14°♍46'23	
evening set	-2504 Sep 13 j 13:55	12°♍22'33	
min. Earth dist.	-2504 Sep 18 j 03:47	7°♍10'31	0.67132 AU
inferior conj	-2504 Sep 19 j 00:31	6°♍01'57	-1°-4'-1
minimum elong	-2504 Sep 19 j 02:04	5°♍56'50	1°03'22
asc. node	-2504 Sep 22 j 03:47	2°♍09'00	
morning rise	-2504 Sep 24 j 14:36	29°♌57'18	
	-2504 Sep 24 j 13:02	30°℞♌	
direct	-2504 Sep 28 j 03:21	28°♌45'13	
	-2504 Oct 01 j 23:11	0°♍	
morning max el	-2504 Oct 05 j 17:00	3°♍07'15	19°56'41
greatest brilliancy	-2504 Oct 13 j 05:59	12°♍28'20	-0.6m
	-2504 Oct 25 j 02:27	0°♎	
morning set	-2504 Oct 31 j 16:54	10°♎09'04	
desc. node	-2504 Nov 02 j 13:48	13°♎03'10	
max. Earth dist.	-2504 Nov 12 j 10:58	28°♎35'32	1.43988 AU
	-2504 Nov 13 j 08:07	0°♏	
superior conj	-2504 Nov 17 j 08:41	6°♏28'59	-1°-26'00
minimum elong	-2504 Nov 17 j 01:19	5°♏59'08	1°25'20
evening rise	-2504 Nov 30 j 18:44	28°♏52'49	
	-2504 Dec 01 j 10:27	0°♐	
evening max el	-2504 Dec 18 j 21:55	26°♐52'23	18°15'36
asc. node	-2504 Dec 19 j 02:58	27°♐05'00	
	-2504 Dec 23 j 08:01	0°♑	
retrograde	-2504 Dec 25 j 10:23	0°♑23'11	
	-2504 Dec 27 j 12:42	30°℞♐	
evening set	-2504 Dec 28 j 05:59	29°♐41'37	
inferior conj	-2503 Jan 03 j 11:08	24°♐18'21	3°47'52
minimum elong	-2503 Jan 03 j 09:04	24°♐23'59	3°47'32
min. Earth dist.	-2503 Jan 05 j 21:53	21°♐37'58	0.63391 AU
morning rise	-2503 Jan 09 j 10:31	18°♐18'59	
direct	-2503 Jan 16 j 10:59	15°♐33'17	
desc. node	-2503 Jan 29 j 13:06	22°♐41'13	
morning max el	-2503 Jan 30 j 04:55	23°♐19'46	27°39'16
	-2503 Feb 05 j 04:46	0°♑	
	-2503 Feb 25 j 01:51	0°♒	
morning set	-2503 Mar 05 j 14:07	16°♒03'07	
max. Earth dist.	-2503 Mar 10 j 22:19	27°♒03'12	1.33190 AU
	-2503 Mar 12 j 07:36	0°♓	
superior conj	-2503 Mar 13 j 07:17	2°♓06'44	0°-38'-55
minimum elong	-2503 Mar 13 j 09:03	2°♓16'16	0°38'36
asc. node	-2503 Mar 17 j 02:20	10°♓17'08	
evening rise	-2503 Mar 20 j 10:52	17°♓26'36	
	-2503 Mar 26 j 17:12	0°♈	
evening max el	-2503 Apr 12 j 09:59	24°♈05'08	23°13'30
	-2503 Apr 21 j 09:47	0°♉	
retrograde	-2503 Apr 25 j 20:54	0°♉45'13	
desc. node	-2503 Apr 27 j 12:06	0°♉39'17	
evening set	-2503 Apr 29 j 10:47	0°♉17'13	
	-2503 Apr 30 j 10:41	30°℞♈	
min. Earth dist.	-2503 May 06 j 20:18	26°♈57'18	0.55769 AU
inferior conj	-2503 May 08 j 14:49	25°♈54'58	-2°-54'-2
minimum elong	-2503 May 08 j 08:25	26°♈04'23	2°52'16
morning rise	-2503 May 17 j 09:10	21°♈58'21	
direct	-2503 May 19 j 23:41	21°♈41'52	
morning max el	-2503 May 30 j 15:17	26°♈38'35	20°23'52
	-2503 Jun 02 j 19:16	0°♉	
asc. node	-2503 Jun 13 j 01:41	16°♉01'51	
morning set	-2503 Jun 18 j 05:18	26°♉10'01	
	-2503 Jun 20 j 02:14	0°♊	
superior conj	-2503 Jun 25 j 23:01	12°♊01'47	1°41'02
minimum elong	-2503 Jun 25 j 21:01	11°♊51'40	1°40'58
max. Earth dist.	-2503 Jun 30 j 21:01	21°♊46'34	1.36284 AU
evening rise	-2503 Jul 04 j 23:22	29°♊31'23	
	-2503 Jul 05 j 05:35	0°♋	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2503 Jul 23 j 11:07	0°♌	
desc. node	-2503 Jul 24 j 11:19	1°♌27'39	
evening max el	-2503 Aug 09 j 17:07	21°♌33'12	26°04'48
retrograde	-2503 Aug 22 j 05:31	28°♌41'02	
evening set	-2503 Aug 28 j 12:28	26°♌02'25	
min. Earth dist.	-2503 Sep 01 j 17:59	21°♌28'04	0.66471 AU
inferior conj	-2503 Sep 03 j 02:20	19°♌46'48	-1°-57'-29
minimum elong	-2503 Sep 03 j 05:07	19°♌38'03	1°56'24
morning rise	-2503 Sep 08 j 22:34	13°♌52'30	
asc. node	-2503 Sep 09 j 00:51	13°♌49'08	
direct	-2503 Sep 12 j 01:38	12°♌56'17	
morning max el	-2503 Sep 19 j 00:14	16°♌50'55	19°01'17
	-2503 Sep 28 j 21:51	0°♍	
morning set	-2503 Oct 11 j 03:36	19°♍05'04	
	-2503 Oct 18 j 02:06	0°♎	
desc. node	-2503 Oct 20 j 10:50	3°♎42'54	
max. Earth dist.	-2503 Oct 26 j 03:37	12°♎41'04	1.44780 AU
superior conj	-2503 Oct 27 j 15:57	15°♎04'21	0°-45'-13
minimum elong	-2503 Oct 27 j 10:17	14°♎42'01	0°44'33
	-2503 Nov 06 j 00:58	0°♏	
evening rise	-2503 Nov 12 j 00:02	9°♏38'30	
	-2503 Nov 24 j 16:02	0°♐	
evening max el	-2503 Dec 02 j 09:46	10°♐16'04	18°41'31
asc. node	-2503 Dec 06 j 00:00	13°♐09'05	
retrograde	-2503 Dec 09 j 02:39	14°♐01'31	
evening set	-2503 Dec 12 j 03:18	13°♐09'41	
inferior conj	-2503 Dec 18 j 00:41	7°♐28'15	3°22'10
minimum elong	-2503 Dec 17 j 21:47	7°♐36'59	3°21'28
min. Earth dist.	-2503 Dec 19 j 20:21	5°♐17'09	0.64919 AU
morning rise	-2503 Dec 23 j 15:10	1°♐20'50	
	-2503 Dec 25 j 10:51	30°℞♏	
direct	-2503 Dec 30 j 08:33	28°♏30'15	
	-2502 Jan 04 j 17:31	0°♐	
morning max el	-2502 Jan 12 j 14:29	6°♐10'04	27°04'28
desc. node	-2502 Jan 16 j 10:11	10°♐16'27	
	-2502 Jan 30 j 23:16	0°♑	
morning set	-2502 Feb 17 j 04:01	29°♑46'14	
	-2502 Feb 17 j 06:52	0°♒	
max. Earth dist.	-2502 Feb 21 j 19:20	8°♒58'32	1.34155 AU
superior conj	-2502 Feb 25 j 10:54	16°♒31'09	-1°-3'-46
minimum elong	-2502 Feb 25 j 13:42	16°♒45'46	1°03'19
asc. node	-2502 Mar 03 j 23:23	0°♓17'12	
	-2502 Mar 03 j 20:06	0°♓	
evening rise	-2502 Mar 04 j 21:16	2°♓11'37	
	-2502 Mar 20 j 20:50	0°♈	
evening max el	-2502 Mar 25 j 06:02	4°♈53'09	21°41'06
retrograde	-2502 Apr 06 j 13:01	10°♈50'37	
evening set	-2502 Apr 09 j 03:24	10°♈35'23	
desc. node	-2502 Apr 14 j 09:10	8°♈44'50	
inferior conj	-2502 Apr 18 j 11:48	6°♈32'52	-1°-8'-51
minimum elong	-2502 Apr 18 j 08:36	6°♈37'22	1°07'45
min. Earth dist.	-2502 Apr 18 j 09:47	6°♈35'42	0.55117 AU
morning rise	-2502 Apr 27 j 14:32	2°♈33'35	
direct	-2502 Apr 30 j 12:17	2°♈14'59	
morning max el	-2502 May 12 j 19:29	8°♈04'10	21°49'46
	-2502 May 28 j 01:50	0°♉	
asc. node	-2502 May 30 j 22:46	5°♉35'03	
morning set	-2502 Jun 02 j 14:29	10°♉59'49	
superior conj	-2502 Jun 09 j 23:19	26°♉29'03	1°28'04
minimum elong	-2502 Jun 09 j 20:45	26°♉15'37	1°27'50
	-2502 Jun 11 j 15:54	0°♊	
max. Earth dist.	-2502 Jun 13 j 11:30	3°♊43'29	1.34798 AU
evening rise	-2502 Jun 18 j 03:33	12°♊58'21	
	-2502 Jun 27 j 13:28	0°♋	

desc. node	-2502 Jul 11 j 08:19	21°♋03'22	
	-2502 Jul 18 j 10:55	0°♌	
evening max el	-2502 Jul 23 j 04:35	5°♌01'38	26°56'14
retrograde	-2502 Aug 05 j 08:15	12°♌20'51	
evening set	-2502 Aug 12 j 03:38	9°♌34'31	
min. Earth dist.	-2502 Aug 16 j 01:29	5°♌38'40	0.65448 AU
inferior conj	-2502 Aug 17 j 22:44	3°♌27'09	-2°-48'-7
minimum elong	-2502 Aug 18 j 02:30	3°♌16'11	2°46'52
	-2502 Aug 21 j 03:07	30°℞♋	
morning rise	-2502 Aug 24 j 02:38	27°♋46'28	
direct	-2502 Aug 26 j 22:21	27°♋02'41	
asc. node	-2502 Aug 26 j 21:57	27°♋02'41	
	-2502 Sep 01 j 20:32	0°♌	
morning max el	-2502 Sep 02 j 12:35	0°♌39'03	18°21'57
morning set	-2502 Sep 21 j 16:53	29°♌19'44	
	-2502 Sep 22 j 02:44	0°♍	
superior conj	-2502 Oct 06 j 16:04	23°♍24'48	0°04'15
minimum elong	-2502 Oct 06 j 16:37	23°♍26'57	0°04'11
behind sun begin	-2502 Oct 06 j 05:44	22°♍43'55	
behind sun end	-2502 Oct 07 j 03:29	24°♍09'57	
desc. node	-2502 Oct 07 j 07:49	24°♍27'02	
max. Earth dist.	-2502 Oct 08 j 22:04	26°♍57'58	1.44843 AU
	-2502 Oct 10 j 20:19	0°♎	
evening rise	-2502 Oct 23 j 04:51	19°♎22'24	
	-2502 Oct 29 j 23:51	0°♏	
greatest brilliancy	-2502 Nov 06 j 12:02	11°♏30'21	-0.7m
evening max el	-2502 Nov 15 j 18:29	23°♏42'19	19°24'26
retrograde	-2502 Nov 22 j 22:50	27°♏51'20	
asc. node	-2502 Nov 22 j 21:05	27°♏51'18	
evening set	-2502 Nov 26 j 06:19	26°♏47'16	
inferior conj	-2502 Dec 01 j 22:02	20°♏50'48	2°45'55
minimum elong	-2502 Dec 01 j 19:03	21°♏00'25	2°44'59
min. Earth dist.	-2502 Dec 03 j 03:42	19°♏15'16	0.66080 AU
morning rise	-2502 Dec 07 j 07:01	14°♏37'47	
direct	-2502 Dec 13 j 12:14	11°♏54'51	
morning max el	-2502 Dec 26 j 00:04	19°♏16'46	26°02'51
desc. node	-2501 Jan 03 j 07:14	28°♏52'01	
	-2501 Jan 04 j 04:16	0°♐	
	-2501 Jan 24 j 00:31	0°♑	
morning set	-2501 Jan 31 j 04:15	12°♑43'16	
max. Earth dist.	-2501 Feb 04 j 04:31	20°♑19'11	1.35568 AU
superior conj	-2501 Feb 09 j 07:24	0°♒28'47	-1°-26'-18
minimum elong	-2501 Feb 09 j 10:46	0°♒45'53	1°25'55
	-2501 Feb 09 j 01:43	0°♒	
evening rise	-2501 Feb 17 j 04:21	16°♒40'07	
asc. node	-2501 Feb 18 j 20:25	20°♒03'25	
	-2501 Feb 24 j 00:32	0°♓	
evening max el	-2501 Mar 07 j 11:38	16°♓10'14	20°20'43
retrograde	-2501 Mar 18 j 03:26	21°♓15'16	
evening set	-2501 Mar 20 j 09:06	21°♓02'47	
inferior conj	-2501 Mar 29 j 08:16	17°♓04'30	0°48'41
minimum elong	-2501 Mar 29 j 10:25	17°♓01'20	0°47'55
min. Earth dist.	-2501 Mar 30 j 23:56	16°♓06'01	0.55402 AU
desc. node	-2501 Apr 01 j 06:16	15°♓22'32	
morning rise	-2501 Apr 07 j 09:26	12°♓43'42	
direct	-2501 Apr 11 j 01:23	12°♓14'24	
morning max el	-2501 Apr 24 j 14:38	18°♓53'42	23°27'36
	-2501 May 03 j 18:28	0°♈	
asc. node	-2501 May 17 j 19:50	25°♈26'03	
morning set	-2501 May 18 j 02:00	25°♈58'20	
	-2501 May 19 j 23:44	0°♉	
superior conj	-2501 May 25 j 05:30	11°♉15'03	1°10'36
minimum elong	-2501 May 25 j 02:59	11°♉01'32	1°10'14
max. Earth dist.	-2501 May 27 j 11:37	16°♉02'59	1.33682 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening rise	-2501 Jun 01 j 20:00	27°♉03'21	
	-2501 Jun 03 j 07:48	0°♊	
	-2501 Jun 20 j 20:35	0°♋	
desc. node	-2501 Jun 28 j 05:21	10°♋00'46	
evening max el	-2501 Jul 05 j 15:31	18°♋14'57	27°22'57
retrograde	-2501 Jul 19 j 05:31	25°♋37'43	
evening set	-2501 Jul 26 j 08:32	22°♋54'43	
min. Earth dist.	-2501 Jul 30 j 00:23	19°♋34'26	0.64047 AU
inferior conj	-2501 Aug 01 j 11:19	16°♋58'41	-3°-33'-10
minimum elong	-2501 Aug 01 j 15:27	16°♋47'42	3°32'05
morning rise	-2501 Aug 08 j 00:14	11°♋34'39	
direct	-2501 Aug 10 j 14:57	11°♋00'06	
asc. node	-2501 Aug 13 j 19:03	11°♋51'02	
morning max el	-2501 Aug 17 j 03:34	14°♋26'44	17°59'48
	-2501 Aug 28 j 00:11	0°♌	
morning set	-2501 Sep 03 j 09:01	10°♌51'41	
	-2501 Sep 14 j 17:54	0°♍	
superior conj	-2501 Sep 16 j 07:22	2°♍33'18	0°49'36
minimum elong	-2501 Sep 16 j 12:22	2°♍53'41	0°49'01
max. Earth dist.	-2501 Sep 21 j 14:59	11°♍07'33	1.44190 AU
desc. node	-2501 Sep 24 j 04:47	15°♍12'43	
evening rise	-2501 Oct 02 j 14:23	28°♍19'02	
	-2501 Oct 03 j 16:35	0°♎	
greatest brilliancy	-2501 Oct 23 j 11:51	29°♎20'09	-0.6m
	-2501 Oct 23 j 23:44	0°♏	
evening max el	-2501 Oct 29 j 22:13	7°♏09'19	20°22'28
retrograde	-2501 Nov 06 j 20:16	11°♏49'09	
asc. node	-2501 Nov 09 j 18:09	11°♏00'13	
evening set	-2501 Nov 10 j 12:44	10°♏30'27	
inferior conj	-2501 Nov 16 j 00:35	4°♏22'24	2°02'15
minimum elong	-2501 Nov 15 j 22:05	4°♏30'49	2°01'19
min. Earth dist.	-2501 Nov 16 j 17:49	3°♏24'17	0.66884 AU
	-2501 Nov 19 j 10:21	30°℞♎	
morning rise	-2501 Nov 21 j 06:53	28°♎06'18	
direct	-2501 Nov 26 j 21:25	25°♎39'43	
	-2501 Dec 05 j 16:52	0°♏	
morning max el	-2501 Dec 08 j 08:38	2°♏29'46	24°43'43
desc. node	-2501 Dec 21 j 04:16	18°♏10'21	
	-2501 Dec 29 j 07:59	0°♐	
morning set	-2500 Jan 13 j 09:21	24°♐38'51	
	-2500 Jan 16 j 09:07	0°♑	
max. Earth dist.	-2500 Jan 17 j 03:11	1°♑22'23	1.37391 AU
superior conj	-2500 Jan 23 j 17:39	13°♑51'11	-1°-44'-32
minimum elong	-2500 Jan 23 j 20:47	14°♑06'24	1°44'21
	-2500 Jan 31 j 20:44	0°♒	
evening rise	-2500 Feb 01 j 05:58	0°♒46'02	
asc. node	-2500 Feb 05 j 17:26	9°♒30'27	
evening max el	-2500 Feb 18 j 04:06	28°♒04'30	19°18'00
	-2500 Feb 20 j 11:24	0°♓	
retrograde	-2500 Feb 27 j 04:16	2°♓22'26	
evening set	-2500 Feb 29 j 11:06	2°♓07'04	
	-2500 Mar 05 j 12:40	30°℞♒	
inferior conj	-2500 Mar 08 j 17:40	27°♒58'02	2°26'20
minimum elong	-2500 Mar 08 j 22:25	27°♒50'05	2°25'00
min. Earth dist.	-2500 Mar 11 j 15:03	26°♒02'53	0.56566 AU
morning rise	-2500 Mar 17 j 05:50	23°♒06'25	
desc. node	-2500 Mar 18 j 03:22	22°♒48'33	
direct	-2500 Mar 22 j 01:43	22°♒12'40	
morning max el	-2500 Apr 05 j 05:29	29°♒26'45	25°05'46
	-2500 Apr 05 j 19:06	0°♓	
	-2500 Apr 26 j 03:18	0°♈	
morning set	-2500 May 01 j 14:08	10°♈59'34	
asc. node	-2500 May 03 j 16:51	15°♈29'05	
superior conj	-2500 May 08 j 15:18	26°♈11'51	0°49'45
minimum elong	-2500 May 08 j 13:17	26°♈00'57	0°49'23
max. Earth dist.	-2500 May 09 j 19:32	28°♈45'13	1.32942 AU
	-2500 May 10 j 09:22	0°♉	
evening rise	-2500 May 15 j 21:02	11°♉34'35	
	-2500 May 25 j 13:19	0°♊	
desc. node	-2500 Jun 14 j 02:24	28°♊03'13	
	-2500 Jun 15 j 23:08	0°♋	
evening max el	-2500 Jun 16 j 23:53	1°♋00'31	27°19'12
retrograde	-2500 Jun 30 j 20:23	8°♋21'45	
evening set	-2500 Jul 07 j 23:19	5°♋55'57	
min. Earth dist.	-2500 Jul 11 j 13:25	3°♋02'55	0.62300 AU
inferior conj	-2500 Jul 14 j 13:04	0°♋14'14	-4°-8'-29
minimum elong	-2500 Jul 14 j 16:31	0°♋06'06	4°07'53
	-2500 Jul 14 j 19:06	30°℞♊	
morning rise	-2500 Jul 21 j 12:12	25°♊09'47	
direct	-2500 Jul 24 j 00:18	24°♊41'47	
asc. node	-2500 Jul 30 j 16:07	28°♊01'46	
morning max el	-2500 Jul 30 j 18:19	28°♊07'07	17°55'50
	-2500 Aug 01 j 12:00	0°♋	
morning set	-2500 Aug 15 j 22:43	23°♋25'36	
	-2500 Aug 19 j 14:43	0°♌	
superior conj	-2500 Aug 27 j 01:25	13°♌01'04	1°22'34
minimum elong	-2500 Aug 27 j 06:32	13°♌22'57	1°22'07
max. Earth dist.	-2500 Sep 03 j 03:57	24°♌53'09	1.42915 AU
	-2500 Sep 06 j 07:51	0°♍	
desc. node	-2500 Sep 10 j 01:46	5°♍56'31	
evening rise	-2500 Sep 10 j 20:27	7°♍09'43	
	-2500 Sep 26 j 00:00	0°♎	
greatest brilliancy	-2500 Oct 06 j 19:57	14°♎50'49	-0.4m
evening max el	-2500 Oct 11 j 20:00	20°♎35'53	21°32'43
retrograde	-2500 Oct 20 j 16:50	25°♎51'49	
evening set	-2500 Oct 24 j 20:35	24°♎15'59	
asc. node	-2500 Oct 26 j 15:13	22°♎36'32	
inferior conj	-2500 Oct 30 j 06:09	17°♎59'47	1°13'23
minimum elong	-2500 Oct 30 j 04:31	18°♎05'25	1°12'43
min. Earth dist.	-2500 Oct 30 j 12:15	17°♎38'44	0.67356 AU
morning rise	-2500 Nov 04 j 12:09	11°♎43'22	
direct	-2500 Nov 09 j 11:19	9°♎37'50	
morning max el	-2500 Nov 19 j 17:46	15°♎45'10	23°17'05
greatest brilliancy	-2500 Nov 25 j 00:06	21°♎40'59	-0.3m
	-2500 Dec 01 j 09:33	0°♏	
desc. node	-2500 Dec 07 j 01:16	7°♏58'38	
	-2500 Dec 21 j 08:27	0°♐	
morning set	-2500 Dec 24 j 13:01	5°♐16'07	
max. Earth dist.	-2500 Dec 28 j 22:21	12°♐45'09	1.39458 AU
superior conj	-2499 Jan 05 j 13:27	26°♐26'56	-1°-55'-44
minimum elong	-2499 Jan 05 j 15:00	26°♐34'06	1°55'47
	-2499 Jan 07 j 11:07	0°♑	
evening rise	-2499 Jan 14 j 23:24	14°♑22'17	
asc. node	-2499 Jan 22 j 14:27	28°♑31'37	
	-2499 Jan 23 j 11:16	0°♒	
evening max el	-2499 Jan 31 j 05:49	10°♒32'05	18°35'05
retrograde	-2499 Feb 07 j 23:17	14°♒18'04	
evening set	-2499 Feb 10 j 09:49	13°♒56'53	
inferior conj	-2499 Feb 17 j 23:03	9°♒28'23	3°28'04
minimum elong	-2499 Feb 18 j 02:45	9°♒21'11	3°27'24
min. Earth dist.	-2499 Feb 21 j 08:26	6°♒51'31	0.58335 AU
morning rise	-2499 Feb 25 j 15:57	4°♒08'58	
direct	-2499 Mar 03 j 15:10	2°♒39'15	
desc. node	-2499 Mar 05 j 00:26	2°♒44'04	
morning max el	-2499 Mar 17 j 22:10	10°♒11'54	26°29'21
	-2499 Apr 02 j 02:17	0°♓	
morning set	-2499 Apr 16 j 01:15	25°♓57'55	
	-2499 Apr 17 j 23:00	0°♈	
asc. node	-2499 Apr 20 j 13:51	5°♈39'38	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2499 Apr 23 j 02:50	11°♈13'09	0°26'28
minimum elong	-2499 Apr 23 j 01:41	11°♈06'51	0°26'13
max. Earth dist.	-2499 Apr 23 j 08:03	11°♈41'45	1.32555 AU
evening rise	-2499 Apr 30 j 03:47	26°♈22'40	
	-2499 May 01 j 22:00	0°♉	
	-2499 May 19 j 04:47	0°♊	
evening max el	-2499 May 30 j 03:11	13°♊07'22	26°42'28
desc. node	-2499 May 31 j 23:27	14°♊47'43	
retrograde	-2499 Jun 13 j 03:31	20°♊25'07	
evening set	-2499 Jun 19 j 19:43	18°♊29'46	
min. Earth dist.	-2499 Jun 23 j 16:36	15°♊49'58	0.60311 AU
inferior conj	-2499 Jun 27 j 00:33	13°♊05'32	-4°-27'-37
minimum elong	-2499 Jun 27 j 01:44	13°♊03'05	4°27'32
morning rise	-2499 Jul 04 j 10:57	8°♊23'02	
direct	-2499 Jul 06 j 22:23	7°♊59'42	
morning max el	-2499 Jul 14 j 06:04	11°♊33'28	18°11'05
asc. node	-2499 Jul 17 j 13:10	15°♊19'39	
	-2499 Jul 26 j 13:01	0°♋	
morning set	-2499 Jul 30 j 04:29	6°♋47'05	
superior conj	-2499 Aug 08 j 21:51	24°♋47'58	1°41'31
minimum elong	-2499 Aug 09 j 00:46	25°♋01'06	1°41'25
	-2499 Aug 11 j 19:59	0°♌	
max. Earth dist.	-2499 Aug 16 j 11:48	8°♌02'28	1.41181 AU
evening rise	-2499 Aug 21 j 17:55	16°♌45'03	
desc. node	-2499 Aug 27 j 22:45	26°♌35'17	
	-2499 Aug 30 j 03:59	0°♍	
greatest brilliancy	-2499 Sep 19 j 12:32	28°♍28'12	-0.3m
	-2499 Sep 20 j 19:20	0°♎	
evening max el	-2499 Sep 24 j 12:12	4°♎03'13	22°50'51
retrograde	-2499 Oct 04 j 11:06	9°♎57'25	
evening set	-2499 Oct 09 j 04:07	8°♎02'40	
asc. node	-2499 Oct 13 j 12:17	3°♎06'17	
inferior conj	-2499 Oct 14 j 12:54	1°♎41'49	0°21'10
minimum elong	-2499 Oct 14 j 12:24	1°♎43'32	0°20'57
min. Earth dist.	-2499 Oct 14 j 08:35	1°♎56'41	0.67516 AU
	-2499 Oct 15 j 18:44	30°℞♍	
morning rise	-2499 Oct 19 j 20:39	25°♍27'48	
direct	-2499 Oct 24 j 05:05	23°♍44'32	
morning max el	-2499 Nov 02 j 07:01	29°♍06'39	21°51'57
	-2499 Nov 03 j 03:33	0°♎	
greatest brilliancy	-2499 Nov 07 j 03:42	4°♎38'26	-0.4m
desc. node	-2499 Nov 23 j 22:15	28°♎08'26	
	-2499 Nov 25 j 03:51	0°♏	
morning set	-2499 Dec 04 j 11:39	14°♏29'21	
max. Earth dist.	-2499 Dec 10 j 22:03	24°♏58'18	1.41501 AU
	-2499 Dec 13 j 21:48	0°♐	
superior conj	-2499 Dec 18 j 13:30	8°♐02'27	-1°-56'-18
minimum elong	-2499 Dec 18 j 11:47	7°♐54'52	1°56'19
evening rise	-2499 Dec 29 j 05:23	27°♐21'22	
	-2499 Dec 30 j 15:47	0°♑	
asc. node	-2498 Jan 09 j 11:29	16°♑58'16	
evening max el	-2498 Jan 14 j 13:58	23°♑24'21	18°12'11
retrograde	-2498 Jan 21 j 12:22	26°♑54'21	
evening set	-2498 Jan 24 j 02:13	26°♑26'05	
inferior conj	-2498 Jan 31 j 00:38	21°♑35'34	3°55'22
minimum elong	-2498 Jan 31 j 01:45	21°♑33'01	3°55'14
min. Earth dist.	-2498 Feb 03 j 07:07	18°♑39'38	0.60362 AU
morning rise	-2498 Feb 06 j 22:23	15°♑55'41	
direct	-2498 Feb 13 j 15:58	13°♑48'25	
desc. node	-2498 Feb 19 j 21:30	15°♑27'47	
morning max el	-2498 Feb 27 j 20:45	21°♑30'57	27°24'48
	-2498 Mar 07 j 07:07	0°♒	
	-2498 Mar 25 j 23:42	0°♓	
morning set	-2498 Mar 31 j 09:30	10°♓45'45	
max. Earth dist.	-2498 Apr 06 j 21:14	24°♓37'59	1.32511 AU
asc. node	-2498 Apr 07 j 10:52	25°♓52'32	
superior conj	-2498 Apr 07 j 14:23	26°♓11'48	0°01'33
minimum elong	-2498 Apr 07 j 14:19	26°♓11'24	0°01'32
behind sun begin	-2498 Apr 07 j 09:18	25°♓44'01	
behind sun end	-2498 Apr 07 j 19:19	26°♓38'48	
	-2498 Apr 09 j 08:05	0°♈	
evening rise	-2498 Apr 14 j 13:56	11°♈18'17	
	-2498 Apr 24 j 04:41	0°♉	
evening max el	-2498 May 11 j 23:43	24°♉29'37	25°35'32
desc. node	-2498 May 18 j 20:32	29°♉41'46	
	-2498 May 19 j 10:31	0°♊	
retrograde	-2498 May 26 j 01:14	1°♊41'58	
evening set	-2498 May 31 j 18:12	0°♊24'47	
	-2498 Jun 01 j 15:19	30°℞♉	
min. Earth dist.	-2498 Jun 05 j 11:52	27°♉40'41	0.58280 AU
inferior conj	-2498 Jun 08 j 18:05	25°♉21'32	-4°-21'-15
minimum elong	-2498 Jun 08 j 15:31	25°♉26'09	4°21'01
morning rise	-2498 Jun 16 j 16:44	21°♉01'30	
direct	-2498 Jun 19 j 04:39	20°♉41'47	
morning max el	-2498 Jun 27 j 11:51	24°♉36'14	18°46'30
	-2498 Jul 02 j 02:04	0°♊	
asc. node	-2498 Jul 04 j 10:13	3°♊29'17	
morning set	-2498 Jul 13 j 21:44	20°♊43'19	
	-2498 Jul 18 j 15:45	0°♋	
superior conj	-2498 Jul 22 j 15:13	7°♋38'18	1°48'25
minimum elong	-2498 Jul 22 j 15:42	7°♋40'33	1°48'29
max. Earth dist.	-2498 Jul 29 j 14:53	20°♋27'35	1.39216 AU
evening rise	-2498 Aug 02 j 16:18	27°♋31'23	
	-2498 Aug 04 j 03:25	0°♌	
desc. node	-2498 Aug 14 j 19:47	17°♌04'37	
	-2498 Aug 23 j 17:01	0°♍	
evening max el	-2498 Sep 07 j 00:28	17°♍32'46	24°11'16
retrograde	-2498 Sep 18 j 02:03	24°♍02'54	
evening set	-2498 Sep 23 j 09:40	21°♍48'58	
min. Earth dist.	-2498 Sep 28 j 04:29	16°♍16'37	0.67361 AU
inferior conj	-2498 Sep 28 j 19:09	15°♍27'05	0°-32'-47
minimum elong	-2498 Sep 28 j 19:56	15°♍24'26	0°32'27
asc. node	-2498 Sep 30 j 09:20	13°♍20'28	
morning rise	-2498 Oct 04 j 06:27	9°♍18'18	
direct	-2498 Oct 08 j 01:42	7°♍55'49	
morning max el	-2498 Oct 16 j 03:05	12°♍37'37	20°35'14
greatest brilliancy	-2498 Oct 22 j 08:37	20°♍03'27	-0.5m
	-2498 Oct 29 j 10:56	0°♎	
desc. node	-2498 Nov 10 j 19:16	18°♎33'47	
morning set	-2498 Nov 13 j 12:31	22°♎45'56	
	-2498 Nov 18 j 03:27	0°♏	
max. Earth dist.	-2498 Nov 23 j 05:04	8°♏05'11	1.43224 AU
superior conj	-2498 Nov 29 j 12:25	18°♏25'29	-1°-42'-4
minimum elong	-2498 Nov 29 j 06:34	18°♏01'08	1°41'42
	-2498 Dec 06 j 08:07	0°♐	
evening rise	-2498 Dec 11 j 20:00	9°♐35'35	
	-2498 Dec 23 j 21:48	0°♑	
asc. node	-2498 Dec 27 j 08:32	4°♑40'15	
evening max el	-2498 Dec 29 j 01:42	6°♑33'51	18°08'54
retrograde	-2497 Jan 04 j 15:25	10°♑01'23	
evening set	-2497 Jan 07 j 08:35	9°♑25'08	
inferior conj	-2497 Jan 13 j 19:14	4°♑13'20	3°56'14
minimum elong	-2497 Jan 13 j 18:05	4°♑16'18	3°56'06
min. Earth dist.	-2497 Jan 16 j 14:19	1°♑21'38	0.62345 AU
	-2497 Jan 18 j 00:43	30°℞♐	
morning rise	-2497 Jan 20 j 01:30	28°♐19'33	
direct	-2497 Jan 27 j 02:14	25°♐43'35	
	-2497 Feb 06 j 02:19	0°♑	
desc. node	-2497 Feb 06 j 18:33	0°♑32'29	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning max el	-2497 Feb 10 j 01:28	3°♉31'06	27°44'32
	-2497 Mar 01 j 18:44	0°♒	
morning set	-2497 Mar 15 j 12:49	25°♒15'50	
	-2497 Mar 17 j 20:06	0°♓	
max. Earth dist.	-2497 Mar 21 j 07:03	7°♓19'22	1.32825 AU
superior conj	-2497 Mar 23 j 00:20	11°♓02'04	0°-24'-9
minimum elong	-2497 Mar 23 j 01:26	11°♓08'05	0°23'56
asc. node	-2497 Mar 25 j 07:55	16°♓03'52	
evening rise	-2497 Mar 30 j 01:34	26°♓14'37	
	-2497 Mar 31 j 20:48	0°♈	
	-2497 Apr 18 j 19:25	0°♉	
evening max el	-2497 Apr 23 j 15:29	5°♉18'18	24°07'54
desc. node	-2497 May 05 j 17:36	12°♉08'49	
retrograde	-2497 May 07 j 11:43	12°♉15'53	
evening set	-2497 May 11 j 20:05	11°♉33'42	
min. Earth dist.	-2497 May 18 j 02:58	8°♉29'58	0.56518 AU
inferior conj	-2497 May 20 j 15:31	6°♉55'36	-3°-38'-15
minimum elong	-2497 May 20 j 09:33	7°♉04'57	3°36'58
morning rise	-2497 May 29 j 02:59	2°♉53'29	
direct	-2497 May 31 j 15:47	2°♉36'31	
morning max el	-2497 Jun 10 j 08:58	7°♉06'35	19°42'31
asc. node	-2497 Jun 21 j 07:16	22°♉18'48	
	-2497 Jun 25 j 09:31	0°♊	
morning set	-2497 Jun 27 j 23:09	5°♊05'45	
superior conj	-2497 Jul 05 j 23:57	21°♊16'12	1°45'52
minimum elong	-2497 Jul 05 j 22:38	21°♊09'38	1°45'53
	-2497 Jul 10 j 11:53	0°♋	
max. Earth dist.	-2497 Jul 11 j 17:35	2°♋20'03	1.37288 AU
evening rise	-2497 Jul 15 j 15:23	9°♋30'16	
	-2497 Jul 27 j 21:04	0°♌	
desc. node	-2497 Aug 01 j 16:49	7°♌19'04	
	-2497 Aug 19 j 09:24	0°♍	
evening max el	-2497 Aug 20 j 11:23	1°♍05'18	25°26'47
retrograde	-2497 Sep 01 j 12:49	8°♍03'09	
evening set	-2497 Sep 07 j 11:23	5°♍32'15	
min. Earth dist.	-2497 Sep 11 j 21:31	0°♍36'01	0.66889 AU
	-2497 Sep 12 j 08:40	30°℞♌	
inferior conj	-2497 Sep 12 j 23:07	29°♌13'03	-1°-26'-57
minimum elong	-2497 Sep 13 j 01:13	29°♌06'16	1°26'05
asc. node	-2497 Sep 17 j 06:25	24°♌16'26	
morning rise	-2497 Sep 18 j 15:39	23°♌12'29	
direct	-2497 Sep 21 j 23:52	22°♌07'47	
morning max el	-2497 Sep 29 j 06:30	26°♌17'23	19°31'12
	-2497 Oct 02 j 12:26	0°♍	
greatest brilliancy	-2497 Oct 08 j 05:47	7°♍49'00	-0.7m
	-2497 Oct 22 j 19:14	0°♎	
morning set	-2497 Oct 23 j 12:53	1°♎08'35	
desc. node	-2497 Oct 28 j 16:17	9°♎09'23	
max. Earth dist.	-2497 Nov 05 j 18:25	21°♎52'29	1.44404 AU
superior conj	-2497 Nov 09 j 08:14	27°♎33'57	-1°-10'-26
minimum elong	-2497 Nov 09 j 00:49	27°♎04'21	1°09'40
	-2497 Nov 10 j 20:40	0°♏	
evening rise	-2497 Nov 23 j 14:38	20°♏55'23	
	-2497 Nov 29 j 00:46	0°♐	
evening max el	-2497 Dec 12 j 14:15	19°♐53'40	18°24'29
asc. node	-2497 Dec 14 j 05:36	21°♐24'07	
retrograde	-2497 Dec 19 j 03:50	23°♐29'44	
evening set	-2497 Dec 22 j 01:17	22°♐44'11	
inferior conj	-2497 Dec 28 j 02:53	17°♐13'04	3°38'28
minimum elong	-2497 Dec 28 j 00:21	17°♐20'18	3°38'00
min. Earth dist.	-2497 Dec 30 j 07:17	14°♐43'35	0.64082 AU
morning rise	-2496 Jan 02 j 21:59	11°♐09'45	
direct	-2496 Jan 09 j 20:16	8°♐19'53	
morning max el	-2496 Jan 23 j 09:55	16°♐05'37	27°28'12

desc. node	-2496 Jan 24 j 15:36	17°♐21'19	
	-2496 Feb 03 j 22:43	0°♉	
	-2496 Feb 22 j 11:34	0°♒	
morning set	-2496 Feb 27 j 08:32	9°♒18'40	
max. Earth dist.	-2496 Mar 03 j 09:29	19°♒32'18	1.33539 AU
superior conj	-2496 Mar 06 j 06:50	25°♒37'31	0°-49'-39
minimum elong	-2496 Mar 06 j 09:05	25°♒49'25	0°49'15
	-2496 Mar 08 j 08:01	0°♓	
asc. node	-2496 Mar 11 j 04:58	6°♓09'01	
evening rise	-2496 Mar 13 j 12:53	11°♓04'55	
	-2496 Mar 23 j 09:11	0°♈	
evening max el	-2496 Apr 04 j 08:13	15°♈58'44	22°33'24
retrograde	-2496 Apr 17 j 09:34	22°♈22'54	
evening set	-2496 Apr 20 j 11:22	22°♈02'10	
desc. node	-2496 Apr 21 j 14:38	21°♈44'34	
min. Earth dist.	-2496 Apr 28 j 16:51	18°♈27'13	0.55375 AU
inferior conj	-2496 Apr 29 j 19:03	17°♈49'50	-2°-13'-3
minimum elong	-2496 Apr 29 j 13:26	17°♈57'52	2°11'17
morning rise	-2496 May 08 j 17:45	13°♈54'01	
direct	-2496 May 11 j 10:09	13°♈37'22	
morning max el	-2496 May 22 j 19:24	18°♈56'34	20°58'25
	-2496 May 31 j 14:05	0°♉	
asc. node	-2496 Jun 07 j 04:21	11°♉38'37	
morning set	-2496 Jun 11 j 06:08	19°♉47'42	
	-2496 Jun 16 j 04:04	0°♊	
superior conj	-2496 Jun 18 j 19:37	5°♊28'53	1°36'11
minimum elong	-2496 Jun 18 j 17:17	5°♊16'56	1°36'02
max. Earth dist.	-2496 Jun 23 j 02:39	14°♊08'59	1.35607 AU
evening rise	-2496 Jun 27 j 10:31	22°♊30'05	
	-2496 Jul 01 j 12:43	0°♋	
desc. node	-2496 Jul 18 j 13:51	27°♋11'56	
	-2496 Jul 20 j 14:24	0°♌	
evening max el	-2496 Aug 01 j 22:47	14°♌38'38	26°29'19
retrograde	-2496 Aug 14 j 18:40	21°♌52'47	
evening set	-2496 Aug 21 j 07:08	19°♌10'01	
min. Earth dist.	-2496 Aug 25 j 09:20	14°♌51'48	0.66079 AU
inferior conj	-2496 Aug 26 j 22:56	12°♌57'18	-2°-19'-28
minimum elong	-2496 Aug 27 j 02:12	12°♌47'22	2°18'16
morning rise	-2496 Sep 01 j 22:15	7°♌08'07	
asc. node	-2496 Sep 03 j 03:30	6°♌35'18	
direct	-2496 Sep 04 j 21:50	6°♌17'38	
morning max el	-2496 Sep 11 j 16:09	10°♌03'46	18°42'24
	-2496 Sep 25 j 18:41	0°♍	
morning set	-2496 Oct 02 j 10:12	10°♍36'37	
desc. node	-2496 Oct 14 j 13:18	29°♍51'38	
	-2496 Oct 14 j 15:26	0°♎	
superior conj	-2496 Oct 18 j 09:47	5°♎55'48	0°-24'-34
minimum elong	-2496 Oct 18 j 06:32	5°♎43'02	0°24'09
max. Earth dist.	-2496 Oct 18 j 11:54	6°♎04'08	1.44901 AU
	-2496 Nov 02 j 14:51	0°♏	
evening rise	-2496 Nov 03 j 09:27	1°♏14'16	
	-2496 Nov 22 j 04:23	0°♐	
evening max el	-2496 Nov 25 j 01:06	3°♐19'08	18°57'49
asc. node	-2496 Nov 30 j 02:39	6°♐55'11	
retrograde	-2496 Dec 01 j 21:59	7°♐13'18	
evening set	-2496 Dec 05 j 01:19	6°♐16'34	
inferior conj	-2496 Dec 10 j 20:05	0°♐28'36	3°07'48
minimum elong	-2496 Dec 10 j 17:04	0°♐37'59	3°06'59
	-2496 Dec 11 j 05:17	30°℞♏	
min. Earth dist.	-2496 Dec 12 j 09:41	28°♏32'01	0.65467 AU
morning rise	-2496 Dec 16 j 07:51	24°♏18'39	
direct	-2496 Dec 22 j 20:42	21°♏29'42	
morning max el	-2495 Jan 04 j 19:28	29°♏03'18	26°40'51
	-2495 Jan 05 j 17:42	0°♐	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

desc. node	-2495 Jan 10 j 12:40	5°♐24'31	
	-2495 Jan 27 j 18:34	0°♑	
morning set	-2495 Feb 09 j 17:09	22°♑43'23	
	-2495 Feb 13 j 11:07	0°♒	
max. Earth dist.	-2495 Feb 14 j 01:15	1°♒10'11	1.34699 AU
superior conj	-2495 Feb 18 j 07:45	9°♒51'23	-1°-13'-43
minimum elong	-2495 Feb 18 j 10:52	10°♒07'28	1°13'17
evening rise	-2495 Feb 25 j 22:05	25°♒43'16	
asc. node	-2495 Feb 26 j 02:00	26°♒03'34	
	-2495 Feb 28 j 00:17	0°♓	
evening max el	-2495 Mar 17 j 08:03	26°♓57'25	21°05'04
	-2495 Mar 21 j 02:51	0°♈	
retrograde	-2495 Mar 28 j 22:55	2°♈32'10	
evening set	-2495 Mar 31 j 07:59	2°♈19'01	
	-2495 Apr 06 j 13:45	30°℞♓	
desc. node	-2495 Apr 08 j 11:43	28°♓57'51	
inferior conj	-2495 Apr 09 j 13:55	28°♓20'55	0°-18'-25
minimum elong	-2495 Apr 09 j 13:03	28°♓22'09	0°18'08
min. Earth dist.	-2495 Apr 10 j 06:35	27°♓57'21	0.55118 AU
morning rise	-2495 Apr 18 j 17:25	24°♓14'27	
direct	-2495 Apr 21 j 21:43	23°♓52'28	
	-2495 May 04 j 17:16	0°♈	
morning max el	-2495 May 04 j 19:07	0°♈04'20	22°30'32
	-2495 May 24 j 09:38	0°♉	
asc. node	-2495 May 25 j 01:24	1°♉20'07	
morning set	-2495 May 26 j 16:32	4°♉41'58	
superior conj	-2495 Jun 02 j 22:42	20°♉04'58	1°21'09
minimum elong	-2495 Jun 02 j 20:05	19°♉51'07	1°20'50
max. Earth dist.	-2495 Jun 05 j 21:30	26°♉15'43	1.34277 AU
	-2495 Jun 07 j 17:14	0°♊	
evening rise	-2495 Jun 10 j 20:26	6°♊15'04	
	-2495 Jun 24 j 04:02	0°♋	
desc. node	-2495 Jul 05 j 10:52	16°♋33'13	
evening max el	-2495 Jul 15 j 10:28	28°♋03'12	27°11'04
	-2495 Jul 17 j 13:45	0°♌	
retrograde	-2495 Jul 28 j 18:58	5°♌23'57	
evening set	-2495 Aug 04 j 18:19	2°♌37'52	
	-2495 Aug 07 j 14:09	30°℞♋	
min. Earth dist.	-2495 Aug 08 j 13:28	28°♋57'31	0.64903 AU
inferior conj	-2495 Aug 10 j 16:22	26°♋35'03	-3°-8'-7
minimum elong	-2495 Aug 10 j 20:23	26°♋23'46	3°06'52
morning rise	-2495 Aug 16 j 23:55	21°♋00'47	
direct	-2495 Aug 19 j 17:18	20°♋21'09	
asc. node	-2495 Aug 21 j 00:35	20°♋30'14	
morning max el	-2495 Aug 26 j 05:53	23°♋52'12	18°10'17
	-2495 Aug 31 j 04:16	0°♌	
morning set	-2495 Sep 13 j 11:26	21°♌26'16	
	-2495 Sep 18 j 15:22	0°♍	
superior conj	-2495 Sep 27 j 13:56	14°♍29'53	0°24'40
minimum elong	-2495 Sep 27 j 16:54	14°♍41'43	0°24'17
desc. node	-2495 Oct 01 j 10:18	20°♍36'53	
max. Earth dist.	-2495 Oct 01 j 06:23	20°♍21'23	1.44660 AU
	-2495 Oct 07 j 09:37	0°♎	
evening rise	-2495 Oct 14 j 04:48	10°♎35'04	
	-2495 Oct 26 j 20:19	0°♏	
greatest brilliancy	-2495 Oct 31 j 13:31	6°♏55'34	-0.6m
evening max el	-2495 Nov 08 j 07:57	16°♏46'24	19°47'27
retrograde	-2495 Nov 15 j 18:54	21°♏07'15	
asc. node	-2495 Nov 16 j 23:41	20°♏58'58	
evening set	-2495 Nov 19 j 06:03	19°♏57'05	
inferior conj	-2495 Nov 24 j 19:56	13°♏55'19	2°28'08
minimum elong	-2495 Nov 24 j 17:05	14°♏04'40	2°27'09
min. Earth dist.	-2495 Nov 25 j 20:04	12°♏35'52	0.66472 AU
morning rise	-2495 Nov 30 j 03:29	7°♏40'58	
direct	-2495 Dec 06 j 02:42	5°♏04'18	
morning max el	-2495 Dec 18 j 04:29	12°♏13'23	25°30'44
desc. node	-2495 Dec 28 j 09:43	24°♏20'13	
	-2494 Jan 01 j 12:47	0°♐	
	-2494 Jan 20 j 11:08	0°♑	
morning set	-2494 Jan 23 j 10:00	5°♑16'28	
max. Earth dist.	-2494 Jan 27 j 05:43	12°♑21'28	1.36302 AU
superior conj	-2494 Feb 02 j 00:22	23°♑35'48	-1°-34'-42
minimum elong	-2494 Feb 02 j 03:46	23°♑52'45	1°34'24
	-2494 Feb 05 j 04:37	0°♒	
evening rise	-2494 Feb 10 j 03:10	10°♒03'39	
asc. node	-2494 Feb 12 j 23:01	15°♒42'43	
	-2494 Feb 20 j 23:37	0°♓	
evening max el	-2494 Feb 27 j 18:19	8°♓30'26	19°51'40
retrograde	-2494 Mar 09 j 16:22	13°♓14'03	
evening set	-2494 Mar 11 j 22:03	13°♓00'42	
inferior conj	-2494 Mar 20 j 14:32	8°♓59'03	1°33'59
minimum elong	-2494 Mar 20 j 18:17	8°♓53'14	1°32'45
min. Earth dist.	-2494 Mar 22 j 20:43	7°♓35'39	0.55802 AU
desc. node	-2494 Mar 26 j 08:47	5°♓39'40	
morning rise	-2494 Mar 29 j 11:27	4°♓25'57	
direct	-2494 Apr 02 j 14:39	3°♓48'09	
morning max el	-2494 Apr 16 j 11:38	10°♓43'34	24°10'16
	-2494 Apr 30 j 21:43	0°♈	
morning set	-2494 May 11 j 04:32	19°♈42'40	
asc. node	-2494 May 11 j 22:27	21°♈17'05	
	-2494 May 15 j 23:53	0°♉	
superior conj	-2494 May 18 j 06:40	4°♉56'23	1°02'07
minimum elong	-2494 May 18 j 04:19	4°♉43'41	1°01'44
max. Earth dist.	-2494 May 20 j 01:31	8°♉46'43	1.33323 AU
evening rise	-2494 May 25 j 16:55	20°♉32'27	
	-2494 May 30 j 13:15	0°♊	
	-2494 Jun 18 j 05:22	0°♋	
desc. node	-2494 Jun 22 j 07:53	5°♋09'28	
evening max el	-2494 Jun 27 j 20:39	11°♋06'19	27°25'15
retrograde	-2494 Jul 11 j 13:21	18°♋28'06	
evening set	-2494 Jul 18 j 17:40	15°♋50'32	
min. Earth dist.	-2494 Jul 22 j 08:03	12°♋43'28	0.63351 AU
inferior conj	-2494 Jul 25 j 00:42	10°♋00'35	-3°-49'-37
minimum elong	-2494 Jul 25 j 04:43	9°♋50'26	3°48'43
morning rise	-2494 Jul 31 j 17:51	4°♋44'35	
direct	-2494 Aug 03 j 07:18	4°♋12'59	
asc. node	-2494 Aug 07 j 21:40	5°♋55'22	
morning max el	-2494 Aug 09 j 21:06	7°♋37'34	17°55'50
	-2494 Aug 24 j 14:13	0°♌	
morning set	-2494 Aug 26 j 13:27	3°♌26'41	
superior conj	-2494 Sep 07 j 16:03	24°♌10'37	1°05'20
minimum elong	-2494 Sep 07 j 21:34	24°♌33'29	1°04'44
	-2494 Sep 11 j 05:00	0°♍	
max. Earth dist.	-2494 Sep 13 j 22:26	4°♍24'48	1.43722 AU
desc. node	-2494 Sep 18 j 07:16	11°♍22'07	
evening rise	-2494 Sep 23 j 10:30	19°♍23'08	
	-2494 Sep 30 j 09:08	0°♎	
greatest brilliancy	-2494 Oct 16 j 16:07	23°♎27'08	-0.5m
	-2494 Oct 22 j 04:08	0°♏	
evening max el	-2494 Oct 22 j 09:09	0°♏12'57	20°51'01
retrograde	-2494 Oct 30 j 16:14	5°♏07'39	
evening set	-2494 Nov 03 j 13:19	3°♏41'44	
asc. node	-2494 Nov 03 j 20:45	3°♏27'22	
	-2494 Nov 07 j 02:49	30°℞♎	
inferior conj	-2494 Nov 08 j 23:59	27°♎29'33	1°42'03
minimum elong	-2494 Nov 08 j 21:49	27°♎36'57	1°41'11
min. Earth dist.	-2494 Nov 09 j 12:15	26°♎47'39	0.67125 AU
morning rise	-2494 Nov 14 j 05:54	21°♎13'05	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

direct	-2494 Nov 19 j 13:48	18°♎55'25	
morning max el	-2494 Nov 30 j 13:10	25°♎28'04	24°07'15
	-2494 Dec 04 j 16:16	0°♏	
desc. node	-2494 Dec 15 j 06:43	13°♏52'21	
	-2494 Dec 26 j 01:50	0°♐	
morning set	-2493 Jan 05 j 05:00	16°♐40'24	
max. Earth dist.	-2493 Jan 09 j 02:20	23°♐30'18	1.38255 AU
	-2493 Jan 12 j 15:59	0°♑	
superior conj	-2493 Jan 16 j 05:00	6°♑39'29	-1°-50'-21
minimum elong	-2493 Jan 16 j 07:39	6°♑52'08	1°50'16
evening rise	-2493 Jan 25 j 01:40	23°♑57'55	
	-2493 Jan 28 j 04:06	0°♒	
asc. node	-2493 Jan 30 j 20:02	4°♒59'39	
evening max el	-2493 Feb 10 j 14:54	20°♒39'02	18°57'15
retrograde	-2493 Feb 19 j 00:52	24°♒41'54	
evening set	-2493 Feb 21 j 09:05	24°♒24'22	
inferior conj	-2493 Mar 01 j 08:04	20°♒07'26	2°57'06
minimum elong	-2493 Mar 01 j 12:42	19°♒59'09	2°56'00
min. Earth dist.	-2493 Mar 04 j 12:30	17°♒52'13	0.57260 AU
morning rise	-2493 Mar 09 j 12:22	15°♒02'54	
desc. node	-2493 Mar 13 j 05:51	14°♒01'19	
direct	-2493 Mar 14 j 20:14	13°♒55'07	
morning max el	-2493 Mar 29 j 02:48	21°♒18'52	25°44'06
	-2493 Apr 05 j 16:00	0°♓	
	-2493 Apr 23 j 09:37	0°♈	
morning set	-2493 Apr 25 j 16:25	4°♈43'12	
asc. node	-2493 Apr 28 j 19:28	11°♈23'39	
superior conj	-2493 May 02 j 17:24	19°♈55'28	0°40'07
minimum elong	-2493 May 02 j 15:43	19°♈46'19	0°39'48
max. Earth dist.	-2493 May 03 j 11:47	21°♈35'46	1.32731 AU
	-2493 May 07 j 09:16	0°♉	
evening rise	-2493 May 09 j 20:39	5°♉11'13	
	-2493 May 23 j 05:18	0°♊	
desc. node	-2493 Jun 09 j 04:55	22°♊41'40	
evening max el	-2493 Jun 10 j 02:51	23°♊35'12	27°07'31
	-2493 Jun 19 j 09:22	0°♋	
retrograde	-2493 Jun 24 j 01:12	0°♋55'45	
	-2493 Jun 28 j 13:03	30°℞♊	
evening set	-2493 Jul 01 j 01:11	28°♊41'01	
min. Earth dist.	-2493 Jul 04 j 16:35	25°♊55'58	0.61472 AU
inferior conj	-2493 Jul 07 j 20:47	23°♊06'20	-4°-19'-4
minimum elong	-2493 Jul 07 j 23:29	23°♊00'18	4°18'43
morning rise	-2493 Jul 15 j 00:38	18°♊11'25	
direct	-2493 Jul 17 j 12:13	17°♊45'39	
morning max el	-2493 Jul 24 j 11:00	21°♊13'06	18°00'00
asc. node	-2493 Jul 25 j 18:44	22°♊36'25	
	-2493 Jul 31 j 03:10	0°♋	
morning set	-2493 Aug 09 j 10:36	16°♋22'15	
	-2493 Aug 16 j 22:45	0°♌	
superior conj	-2493 Aug 19 j 21:54	5°♌14'00	1°32'14
minimum elong	-2493 Aug 20 j 02:14	5°♌32'51	1°31'56
max. Earth dist.	-2493 Aug 27 j 09:06	17°♌55'44	1.42214 AU
evening rise	-2493 Sep 02 j 21:09	28°♌27'25	
	-2493 Sep 03 j 20:35	0°♍	
desc. node	-2493 Sep 05 j 04:16	2°♍04'22	
	-2493 Sep 24 j 02:16	0°♎	
greatest brilliancy	-2493 Sep 30 j 10:06	8°♎16'25	-0.3m
evening max el	-2493 Oct 05 j 04:19	13°♎39'33	22°05'13
retrograde	-2493 Oct 14 j 12:10	19°♎12'24	
evening set	-2493 Oct 18 j 21:16	17°♎28'42	
asc. node	-2493 Oct 21 j 17:48	14°♎31'27	
inferior conj	-2493 Oct 24 j 06:18	11°♎09'48	0°51'36
minimum elong	-2493 Oct 24 j 05:08	11°♎13'52	0°51'05
min. Earth dist.	-2493 Oct 24 j 07:54	11°♎04'16	0.67457 AU
morning rise	-2493 Oct 29 j 12:48	4°♎53'51	
direct	-2493 Nov 03 j 05:27	2°♎57'57	
morning max el	-2493 Nov 12 j 23:47	8°♎46'33	22°40'13
greatest brilliancy	-2493 Nov 17 j 16:35	14°♎03'11	-0.3m
	-2493 Nov 29 j 12:29	0°♏	
desc. node	-2493 Dec 02 j 03:44	3°♏50'53	
morning set	-2493 Dec 16 j 20:26	26°♏42'00	
	-2493 Dec 18 j 20:26	0°♐	
max. Earth dist.	-2493 Dec 21 j 22:24	5°♐11'09	1.40347 AU
superior conj	-2493 Dec 29 j 17:05	18°♐51'11	-1°-57'-32
minimum elong	-2493 Dec 29 j 17:27	18°♐52'49	1°57'36
	-2492 Jan 04 j 17:45	0°♑	
evening rise	-2492 Jan 08 j 14:42	7°♑19'23	
asc. node	-2492 Jan 17 j 17:03	23°♑47'17	
	-2492 Jan 21 j 22:02	0°♒	
evening max el	-2492 Jan 24 j 19:43	3°♒18'03	18°22'54
retrograde	-2492 Feb 01 j 03:51	6°♒55'27	
evening set	-2492 Feb 03 j 15:43	6°♒31'31	
inferior conj	-2492 Feb 10 j 22:19	1°♒54'00	3°43'24
minimum elong	-2492 Feb 11 j 00:58	1°♒48'29	3°43'01
	-2492 Feb 13 j 05:05	30°℞♑	
min. Earth dist.	-2492 Feb 14 j 08:05	29°♑05'39	0.59187 AU
morning rise	-2492 Feb 18 j 06:44	26°♑24'37	
direct	-2492 Feb 24 j 15:06	24°♑38'07	
desc. node	-2492 Feb 28 j 02:55	25°♑09'15	
	-2492 Mar 07 j 09:47	0°♒	
morning max el	-2492 Mar 09 j 21:49	2°♒16'38	26°56'54
	-2492 Mar 29 j 21:51	0°♓	
morning set	-2492 Apr 09 j 02:31	19°♓37'27	
	-2492 Apr 13 j 23:00	0°♈	
asc. node	-2492 Apr 14 j 16:29	1°♈35'26	
superior conj	-2492 Apr 16 j 05:09	4°♈56'08	0°16'02
minimum elong	-2492 Apr 16 j 04:26	4°♈52'13	0°15'54
max. Earth dist.	-2492 Apr 16 j 00:48	4°♈32'17	1.32490 AU
evening rise	-2492 Apr 23 j 05:05	20°♈02'52	
	-2492 Apr 28 j 03:17	0°♉	
	-2492 May 17 j 03:36	0°♊	
evening max el	-2492 May 22 j 03:11	5°♊22'08	26°17'19
desc. node	-2492 May 26 j 01:59	8°♊43'04	
retrograde	-2492 Jun 05 j 04:58	12°♊38'54	
evening set	-2492 Jun 11 j 12:33	10°♊59'27	
min. Earth dist.	-2492 Jun 15 j 16:15	8°♊19'43	0.59425 AU
inferior conj	-2492 Jun 19 j 01:01	5°♊43'15	-4°-28'-46
minimum elong	-2492 Jun 19 j 00:44	5°♊43'49	4°28'44
morning rise	-2492 Jun 26 j 16:31	1°♊10'33	
direct	-2492 Jun 29 j 03:54	0°♊49'00	
morning max el	-2492 Jul 06 j 20:35	4°♊30'20	18°23'41
asc. node	-2492 Jul 11 j 15:48	10°♊17'40	
morning set	-2492 Jul 22 j 21:43	29°♊59'11	
	-2492 Jul 22 j 21:54	0°♋	
superior conj	-2492 Aug 01 j 03:56	17°♋29'22	1°45'45
minimum elong	-2492 Aug 01 j 05:46	17°♋37'49	1°45'45
	-2492 Aug 08 j 03:58	0°♌	
max. Earth dist.	-2492 Aug 08 j 14:03	0°♌43'32	1.40349 AU
evening rise	-2492 Aug 13 j 04:42	8°♌31'08	
desc. node	-2492 Aug 22 j 01:18	22°♌39'29	
	-2492 Aug 26 j 22:02	0°♍	
evening max el	-2492 Sep 16 j 18:35	27°♍07'35	23°25'15
	-2492 Sep 19 j 22:20	0°♎	
retrograde	-2492 Sep 27 j 05:13	3°♎18'04	
evening set	-2492 Oct 02 j 04:11	1°♎15'21	
	-2492 Oct 03 j 12:00	30°℞♍	
min. Earth dist.	-2492 Oct 07 j 04:28	25°♍23'07	0.67484 AU
inferior conj	-2492 Oct 07 j 13:04	24°♍53'35	0°-1'-33

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2492 Oct 07 j 13:07	24°♍53'28	0°01'33
transit middle	-2492 Oct 07 j 13:07	24°♍53'28	0°01'33
transit begin	-2492 Oct 07 j 10:25	25°♍02'42	
transit end	-2492 Oct 07 j 15:48	24°♍44'14	
asc. node	-2492 Oct 07 j 14:53	24°♍47'22	
morning rise	-2492 Oct 12 j 22:05	18°♍41'09	
direct	-2492 Oct 17 j 00:43	17°♍06'51	
morning max el	-2492 Oct 25 j 15:35	22°♍11'15	21°17'56
greatest brilliancy	-2492 Oct 30 j 23:26	28°♍21'13	-0.4m
	-2492 Nov 01 j 06:06	0°♎	
desc. node	-2492 Nov 18 j 00:45	24°♎07'52	
	-2492 Nov 21 j 20:38	0°♏	
morning set	-2492 Nov 25 j 08:00	5°♏25'03	
max. Earth dist.	-2492 Dec 03 j 00:35	17°♏45'48	1.42291 AU
superior conj	-2492 Dec 10 j 07:05	29°♏57'22	-1°-52'-18
minimum elong	-2492 Dec 10 j 03:35	29°♏42'21	1°52'12
	-2492 Dec 10 j 07:42	0°♐	
evening rise	-2492 Dec 21 j 14:40	20°♐00'03	
	-2492 Dec 27 j 04:16	0°♑	
asc. node	-2491 Jan 03 j 14:05	11°♑56'21	
evening max el	-2491 Jan 07 j 05:49	16°♑18'57	18°08'27
retrograde	-2491 Jan 13 j 23:13	19°♑45'59	
evening set	-2491 Jan 16 j 14:31	19°♑14'23	
inferior conj	-2491 Jan 23 j 07:35	14°♑14'54	3°58'25
minimum elong	-2491 Jan 23 j 07:39	14°♑14'44	3°58'21
min. Earth dist.	-2491 Jan 26 j 10:05	11°♑18'00	0.61233 AU
morning rise	-2491 Jan 29 j 22:16	8°♑28'40	
direct	-2491 Feb 05 j 20:28	6°♑07'19	
desc. node	-2491 Feb 13 j 23:59	8°♑57'12	
morning max el	-2491 Feb 19 j 22:57	13°♑52'28	27°37'38
	-2491 Mar 04 j 22:29	0°♒	
	-2491 Mar 22 j 05:51	0°♓	
morning set	-2491 Mar 24 j 08:59	4°♓18'48	
max. Earth dist.	-2491 Mar 30 j 12:59	17°♓23'44	1.32598 AU
superior conj	-2491 Mar 31 j 16:17	19°♓52'22	0°-9'-18
minimum elong	-2491 Mar 31 j 16:42	19°♓54'41	0°09'14
behind sun begin	-2491 Mar 31 j 12:33	19°♓32'04	
behind sun end	-2491 Mar 31 j 20:51	20°♓17'18	
asc. node	-2491 Apr 01 j 13:31	21°♓48'19	
	-2491 Apr 05 j 07:54	0°♈	
evening rise	-2491 Apr 07 j 16:08	5°♈00'04	
	-2491 Apr 21 j 01:22	0°♉	
evening max el	-2491 May 03 j 21:33	16°♉29'13	25°00'10
desc. node	-2491 May 12 j 23:03	22°♉39'29	
retrograde	-2491 May 17 j 22:07	23°♉36'25	
evening set	-2491 May 23 j 01:41	22°♉35'36	
min. Earth dist.	-2491 May 28 j 09:35	19°♉44'35	0.57474 AU
inferior conj	-2491 May 31 j 10:13	17°♉42'45	-4°-8'-10
minimum elong	-2491 May 31 j 05:58	17°♉49'56	4°07'33
morning rise	-2491 Jun 08 j 14:14	13°♉30'49	
direct	-2491 Jun 11 j 02:27	13°♉12'23	
morning max el	-2491 Jun 19 j 22:58	17°♉20'30	19°07'45
asc. node	-2491 Jun 28 j 12:53	28°♉45'56	
	-2491 Jun 29 j 06:21	0°♊	
morning set	-2491 Jul 06 j 18:52	14°♊07'53	
	-2491 Jul 14 j 19:52	0°♋	
superior conj	-2491 Jul 15 j 04:28	0°♋41'35	1°48'21
minimum elong	-2491 Jul 15 j 04:05	0°♋39'43	1°48'24
max. Earth dist.	-2491 Jul 21 j 16:28	12°♋53'08	1.38381 AU
evening rise	-2491 Jul 25 j 14:06	19°♋49'41	
	-2491 Jul 31 j 14:36	0°♌	
desc. node	-2491 Aug 08 j 22:19	13°♌03'06	
	-2491 Aug 21 j 00:52	0°♍	
evening max el	-2491 Aug 30 j 06:12	10°♍39'03	24°44'30
retrograde	-2491 Sep 10 j 18:19	17°♍21'30	
evening set	-2491 Sep 16 j 08:19	15°♍00'09	
min. Earth dist.	-2491 Sep 20 j 23:27	9°♍42'49	0.67204 AU
inferior conj	-2491 Sep 21 j 18:35	8°♍39'11	0°-55'-49
minimum elong	-2491 Sep 21 j 19:56	8°♍34'44	0°55'15
asc. node	-2491 Sep 24 j 11:59	5°♍12'25	
morning rise	-2491 Sep 27 j 07:53	2°♍33'26	
direct	-2491 Sep 30 j 22:18	1°♍18'42	
morning max el	-2491 Oct 08 j 14:42	5°♍45'22	20°06'14
greatest brilliancy	-2491 Oct 15 j 18:15	14°♍31'23	-0.6m
	-2491 Oct 26 j 08:36	0°♎	
morning set	-2491 Nov 04 j 05:31	13°♎34'54	
desc. node	-2491 Nov 04 j 21:47	14°♎37'53	
	-2491 Nov 14 j 16:36	0°♏	
max. Earth dist.	-2491 Nov 15 j 10:52	1°♏12'54	1.43810 AU
superior conj	-2491 Nov 20 j 18:18	9°♏47'48	-1°-30'-47
minimum elong	-2491 Nov 20 j 11:12	9°♏18'48	1°30'12
	-2491 Dec 02 j 19:16	0°♐	
evening rise	-2491 Dec 03 j 21:19	1°♐51'55	
asc. node	-2491 Dec 21 j 11:08	29°♐15'22	
evening max el	-2491 Dec 21 j 18:17	29°♐33'44	18°13'16
	-2491 Dec 22 j 04:58	0°♑	
retrograde	-2491 Dec 28 j 06:46	3°♑03'19	
evening set	-2491 Dec 31 j 01:44	2°♑23'07	
	-2490 Jan 03 j 10:20	30°℞♐	
inferior conj	-2490 Jan 06 j 08:12	27°♐02'39	3°50'33
minimum elong	-2490 Jan 06 j 06:21	27°♐07'38	3°50'18
min. Earth dist.	-2490 Jan 08 j 21:07	24°♐18'57	0.63127 AU
morning rise	-2490 Jan 12 j 09:14	21°♐04'38	
direct	-2490 Jan 19 j 10:03	18°♐21'07	
desc. node	-2490 Jan 31 j 21:03	24°♐50'18	
morning max el	-2490 Feb 02 j 05:28	26°♐07'52	27°41'50
	-2490 Feb 05 j 20:31	0°♑	
	-2490 Feb 26 j 10:40	0°♒	
morning set	-2490 Mar 08 j 09:26	18°♒38'16	
	-2490 Mar 13 j 21:11	0°♓	
max. Earth dist.	-2490 Mar 13 j 20:16	29°♒55'06	1.33082 AU
superior conj	-2490 Mar 16 j 00:59	4°♓37'04	0°-35'-2
minimum elong	-2490 Mar 16 j 02:36	4°♓45'42	0°34'45
asc. node	-2490 Mar 19 j 10:32	11°♓57'24	
evening rise	-2490 Mar 23 j 03:52	19°♓54'50	
	-2490 Mar 28 j 03:04	0°♈	
evening max el	-2490 Apr 15 j 12:57	27°♈10'48	23°27'41
	-2490 Apr 18 j 20:02	0°♉	
retrograde	-2490 Apr 29 j 02:39	3°♉56'04	
desc. node	-2490 Apr 29 j 20:07	3°♉54'53	
evening set	-2490 May 02 j 21:15	3°♉24'48	
min. Earth dist.	-2490 May 09 j 23:36	0°♉09'34	0.55943 AU
	-2490 May 10 j 06:07	30°℞♈	
inferior conj	-2490 May 11 j 23:23	28°♈58'35	-3°-7'-4
minimum elong	-2490 May 11 j 16:56	29°♈08'12	3°05'23
morning rise	-2490 May 20 j 16:02	25°♈01'06	
direct	-2490 May 23 j 06:04	24°♈44'33	
morning max el	-2490 Jun 02 j 15:36	29°♈33'43	20°12'29
	-2490 Jun 03 j 02:41	0°♉	
asc. node	-2490 Jun 15 j 09:57	17°♉49'11	
morning set	-2490 Jun 20 j 22:56	28°♉39'22	
	-2490 Jun 21 j 14:48	0°♊	
superior conj	-2490 Jun 28 j 18:19	14°♊35'21	1°42'31
minimum elong	-2490 Jun 28 j 16:29	14°♊26'04	1°42'28
max. Earth dist.	-2490 Jul 03 j 21:33	24°♊41'52	1.36538 AU
	-2490 Jul 06 j 16:55	0°♋	
evening rise	-2490 Jul 07 j 22:19	2°♋15'39	
	-2490 Jul 24 j 15:52	0°♌	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

desc. node	-2490 Jul 26 j 19:21	3°♌09'06	
evening max el	-2490 Aug 12 j 17:13	24°♌12'17	25°55'24
	-2490 Aug 20 j 06:47	0°♍	
retrograde	-2490 Aug 25 j 02:52	1°♍17'50	
	-2490 Aug 29 j 12:32	30°℞♌	
evening set	-2490 Aug 31 j 07:45	28°♌40'55	
min. Earth dist.	-2490 Sep 04 j 14:26	24°♌00'58	0.66592 AU
inferior conj	-2490 Sep 05 j 21:01	22°♌24'17	-1°-49'-33
minimum elong	-2490 Sep 05 j 23:38	22°♌16'01	1°48'31
asc. node	-2490 Sep 11 j 09:05	16°♌39'48	
morning rise	-2490 Sep 11 j 16:15	16°♌28'23	
direct	-2490 Sep 14 j 20:34	15°♌30'06	
morning max el	-2490 Sep 21 j 21:02	19°♌28'15	19°08'32
	-2490 Sep 30 j 01:18	0°♍	
morning set	-2490 Oct 14 j 12:58	22°♍20'51	
	-2490 Oct 19 j 10:03	0°♎	
desc. node	-2490 Oct 22 j 18:48	5°♎16'42	
max. Earth dist.	-2490 Oct 29 j 02:52	15°♎14'44	1.44702 AU
superior conj	-2490 Oct 31 j 04:22	18°♎30'21	0°-52'-14
minimum elong	-2490 Oct 30 j 22:03	18°♎05'21	0°51'29
	-2490 Nov 07 j 09:20	0°♏	
evening rise	-2490 Nov 15 j 06:12	12°♏46'49	
	-2490 Nov 25 j 20:04	0°♐	
evening max el	-2490 Dec 05 j 06:23	12°♐56'27	18°36'31
asc. node	-2490 Dec 08 j 08:12	15°♐30'29	
retrograde	-2490 Dec 11 j 22:12	16°♐39'20	
evening set	-2490 Dec 14 j 21:57	15°♐49'12	
inferior conj	-2490 Dec 20 j 20:21	10°♐10'16	3°26'47
minimum elong	-2490 Dec 20 j 17:31	10°♐18'40	3°26'10
min. Earth dist.	-2490 Dec 22 j 18:14	7°♐54'08	0.64712 AU
morning rise	-2490 Dec 26 j 11:53	4°♐03'43	
direct	-2489 Jan 02 j 06:39	1°♐12'56	
morning max el	-2489 Jan 15 j 14:55	8°♐54'47	27°11'33
desc. node	-2489 Jan 18 j 18:06	12°♐14'11	
	-2489 Feb 01 j 03:49	0°♑	
	-2489 Feb 18 j 18:30	0°♒	
morning set	-2489 Feb 20 j 00:56	2°♒26'40	
max. Earth dist.	-2489 Feb 24 j 18:49	11°♒55'08	1.33982 AU
superior conj	-2489 Feb 28 j 05:24	19°♒04'10	-1°00'-6
minimum elong	-2489 Feb 28 j 08:03	19°♒18'09	0°59'41
	-2489 Mar 05 j 09:07	0°♓	
asc. node	-2489 Mar 06 j 07:34	1°♓58'35	
evening rise	-2489 Mar 07 j 14:32	4°♓41'03	
	-2489 Mar 21 j 15:53	0°♈	
evening max el	-2489 Mar 28 j 07:49	7°♈55'12	21°54'17
retrograde	-2489 Apr 09 j 20:06	14°♈00'15	
evening set	-2489 Apr 12 j 12:54	13°♈43'59	
desc. node	-2489 Apr 16 j 17:09	12°♈21'46	
inferior conj	-2489 Apr 21 j 21:34	9°♈39'15	-1°-26'-21
minimum elong	-2489 Apr 21 j 17:37	9°♈44'49	1°25'02
min. Earth dist.	-2489 Apr 21 j 13:06	9°♈51'11	0.55153 AU
morning rise	-2489 Apr 30 j 23:33	5°♈41'32	
direct	-2489 May 03 j 19:31	5°♈23'42	
morning max el	-2489 May 15 j 21:22	11°♈05'07	21°36'02
	-2489 May 29 j 10:49	0°♉	
asc. node	-2489 Jun 02 j 07:00	7°♉18'36	
morning set	-2489 Jun 05 j 07:35	13°♉26'54	
superior conj	-2489 Jun 12 j 17:30	28°♉58'54	1°30'23
minimum elong	-2489 Jun 12 j 14:58	28°♉45'45	1°30'09
	-2489 Jun 13 j 05:15	0°♊	
max. Earth dist.	-2489 Jun 16 j 10:27	6°♊35'25	1.34994 AU
evening rise	-2489 Jun 21 j 00:16	15°♊35'40	
	-2489 Jun 28 j 22:29	0°♋	
desc. node	-2489 Jul 13 j 16:22	22°♋49'35	
	-2489 Jul 19 j 04:56	0°♌	
evening max el	-2489 Jul 26 j 04:35	7°♌41'50	26°49'59
retrograde	-2489 Aug 08 j 06:29	15°♌00'19	
evening set	-2489 Aug 15 j 00:12	12°♌14'30	
min. Earth dist.	-2489 Aug 18 j 23:05	8°♌12'56	0.65623 AU
inferior conj	-2489 Aug 20 j 18:21	6°♌05'33	-2°-40'-47
minimum elong	-2489 Aug 20 j 22:01	5°♌54'47	2°39'31
morning rise	-2489 Aug 26 j 21:02	0°♌22'37	
	-2489 Aug 27 j 17:10	30°℞♋	
asc. node	-2489 Aug 29 j 06:11	29°♋38'33	
direct	-2489 Aug 29 j 17:38	29°♋37'17	
	-2489 Aug 31 j 18:43	0°♌	
morning max el	-2489 Sep 05 j 08:46	3°♌16'00	18°26'40
	-2489 Sep 23 j 10:52	0°♍	
morning set	-2489 Sep 24 j 21:59	2°♍22'52	
desc. node	-2489 Oct 09 j 15:47	26°♍00'15	
superior conj	-2489 Oct 10 j 04:04	26°♍48'42	0°-3'-18
minimum elong	-2489 Oct 10 j 03:37	26°♍46'58	0°03'15
behind sun begin	-2489 Oct 09 j 16:31	26°♍03'08	
behind sun end	-2489 Oct 10 j 14:43	27°♍30'46	
max. Earth dist.	-2489 Oct 11 j 20:59	29°♍30'00	1.44879 AU
	-2489 Oct 12 j 04:36	0°♎	
evening rise	-2489 Oct 26 j 14:30	22°♎39'02	
	-2489 Oct 31 j 06:34	0°♏	
greatest brilliancy	-2489 Nov 08 j 14:27	12°♏55'44	-0.7m
evening max el	-2489 Nov 18 j 15:39	26°♏22'10	19°17'03
	-2489 Nov 23 j 12:36	0°♐	
asc. node	-2489 Nov 25 j 05:16	0°♐25'36	
retrograde	-2489 Nov 25 j 17:56	0°♐27'11	
	-2489 Nov 27 j 21:48	30°℞♏	
evening set	-2489 Nov 29 j 00:14	29°♏25'10	
inferior conj	-2489 Dec 04 j 16:41	23°♏30'51	2°51'55
minimum elong	-2489 Dec 04 j 13:41	23°♏40'29	2°51'01
min. Earth dist.	-2489 Dec 06 j 00:23	21°♏49'40	0.65932 AU
morning rise	-2489 Dec 10 j 02:16	17°♏18'28	
direct	-2489 Dec 16 j 09:34	14°♏33'34	
morning max el	-2489 Dec 29 j 00:31	21°♏59'16	26°13'19
	-2488 Jan 05 j 01:54	0°♐	
desc. node	-2488 Jan 05 j 15:08	0°♐41'36	
	-2488 Jan 25 j 09:19	0°♑	
morning set	-2488 Feb 03 j 03:29	15°♑31'12	
max. Earth dist.	-2488 Feb 07 j 05:34	23°♑19'02	1.35327 AU
	-2488 Feb 10 j 14:24	0°♒	
superior conj	-2488 Feb 12 j 03:07	3°♒06'04	-1°-23'-7
minimum elong	-2488 Feb 12 j 06:26	3°♒23'02	1°22'43
evening rise	-2488 Feb 19 j 22:13	19°♒12'01	
asc. node	-2488 Feb 21 j 04:35	21°♒46'54	
	-2488 Feb 25 j 09:05	0°♓	
evening max el	-2488 Mar 09 j 11:52	19°♓07'09	20°31'40
retrograde	-2488 Mar 20 j 09:50	24°♓19'45	
evening set	-2488 Mar 22 j 15:54	24°♓07'21	
inferior conj	-2488 Mar 31 j 17:08	20°♓09'44	0°31'29
minimum elong	-2488 Mar 31 j 18:34	20°♓07'39	0°30'59
min. Earth dist.	-2488 Apr 02 j 03:13	19°♓20'07	0.55296 AU
desc. node	-2488 Apr 02 j 14:11	19°♓04'21	
morning rise	-2488 Apr 09 j 19:16	15°♓52'55	
direct	-2488 Apr 13 j 07:50	15°♓25'53	
morning max el	-2488 Apr 26 j 17:32	21°♓58'47	23°12'44
	-2488 May 03 j 16:27	0°♈	
asc. node	-2488 May 19 j 04:01	27°♈07'10	
morning set	-2488 May 19 j 18:51	28°♈24'29	
	-2488 May 20 j 13:03	0°♉	
superior conj	-2488 May 26 j 22:57	13°♉42'42	1°13'30
minimum elong	-2488 May 26 j 20:24	13°♉29'01	1°13'09

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2488 May 29 j 09:11	18°♉51'21	1.33822 AU
evening rise	-2488 Jun 03 j 15:09	29°♉36'04	
	-2488 Jun 03 j 19:59	0°♊	
	-2488 Jun 21 j 00:20	0°♋	
desc. node	-2488 Jun 29 j 13:22	11°♋53'50	
evening max el	-2488 Jul 07 j 15:48	20°♋58'46	27°20'50
retrograde	-2488 Jul 21 j 04:37	28°♋21'18	
evening set	-2488 Jul 28 j 06:50	25°♋37'09	
min. Earth dist.	-2488 Jul 31 j 23:28	22°♋11'46	0.64280 AU
inferior conj	-2488 Aug 03 j 08:17	19°♋39'10	-3°-26'-52
minimum elong	-2488 Aug 03 j 12:26	19°♋28'00	3°25'44
morning rise	-2488 Aug 09 j 19:47	14°♋12'17	
direct	-2488 Aug 12 j 11:05	13°♋36'33	
asc. node	-2488 Aug 15 j 03:15	14°♋13'19	
morning max el	-2488 Aug 18 j 23:30	17°♋04'10	18°01'54
	-2488 Aug 28 j 06:45	0°♌	
morning set	-2488 Sep 05 j 10:28	13°♌44'30	
	-2488 Sep 15 j 03:02	0°♍	
superior conj	-2488 Sep 18 j 16:01	5°♍47'00	0°43'26
minimum elong	-2488 Sep 18 j 20:38	6°♍05'44	0°42'52
max. Earth dist.	-2488 Sep 23 j 14:14	13°♍41'26	1.44337 AU
desc. node	-2488 Sep 25 j 12:48	16°♍46'00	
	-2488 Oct 04 j 00:05	0°♎	
evening rise	-2488 Oct 05 j 02:08	1°♎40'39	
	-2488 Oct 23 j 23:45	0°♏	
greatest brilliancy	-2488 Oct 25 j 02:47	1°♏33'26	-0.6m
evening max el	-2488 Oct 31 j 20:14	9°♏49'01	20°12'59
retrograde	-2488 Nov 08 j 15:13	14°♏23'38	
asc. node	-2488 Nov 11 j 02:20	13°♏48'37	
evening set	-2488 Nov 12 j 06:15	13°♏07'15	
inferior conj	-2488 Nov 17 j 18:35	7°♏00'49	2°09'15
minimum elong	-2488 Nov 17 j 15:59	7°♏09'33	2°08'17
min. Earth dist.	-2488 Nov 18 j 13:36	5°♏57'06	0.66792 AU
morning rise	-2488 Nov 23 j 01:08	0°♏45'08	
	-2488 Nov 23 j 23:13	30°℞♎	
direct	-2488 Nov 28 j 18:00	28°♎15'37	
	-2488 Dec 04 j 02:27	0°♏	
morning max el	-2488 Dec 10 j 09:03	5°♏10'54	24°56'09
desc. node	-2488 Dec 22 j 12:11	19°♏54'04	
	-2488 Dec 29 j 13:32	0°♐	
morning set	-2487 Jan 15 j 11:48	27°♐36'35	
	-2487 Jan 16 j 19:52	0°♑	
max. Earth dist.	-2487 Jan 19 j 05:23	4°♑22'17	1.37097 AU
superior conj	-2487 Jan 25 j 15:07	16°♑34'13	-1°-42'-11
minimum elong	-2487 Jan 25 j 18:21	16°♑50'05	1°41'57
	-2487 Feb 01 j 08:38	0°♒	
evening rise	-2487 Feb 03 j 00:46	3°♒21'29	
asc. node	-2487 Feb 07 j 01:36	11°♒17'04	
	-2487 Feb 19 j 04:27	0°♓	
evening max el	-2487 Feb 20 j 02:49	0°♓56'01	19°26'09
retrograde	-2487 Mar 01 j 08:18	5°♓20'01	
evening set	-2487 Mar 03 j 14:48	5°♓05'14	
inferior conj	-2487 Mar 11 j 23:59	0°♓58'31	2°13'43
minimum elong	-2487 Mar 12 j 04:37	0°♓50'57	2°12'21
	-2487 Mar 13 j 11:43	30°℞♒	
min. Earth dist.	-2487 Mar 14 j 18:03	29°♒11'12	0.56344 AU
desc. node	-2487 Mar 20 j 11:16	26°♒14'45	
morning rise	-2487 Mar 20 j 14:41	26°♒11'45	
direct	-2487 Mar 25 j 06:16	25°♒22'32	
	-2487 Apr 05 j 11:03	0°♓	
morning max el	-2487 Apr 08 j 08:33	2°♓32'14	24°51'46
	-2487 Apr 27 j 13:16	0°♈	
morning set	-2487 May 04 j 07:00	13°♈25'38	
asc. node	-2487 May 06 j 01:01	17°♈08'33	

superior conj	-2487 May 11 j 08:20	28°♈38'10	0°53'06
minimum elong	-2487 May 11 j 06:13	28°♈26'42	0°52'44
	-2487 May 11 j 23:25	0°♉	
max. Earth dist.	-2487 May 12 j 16:13	1°♉30'59	1.33029 AU
evening rise	-2487 May 18 j 15:06	14°♉04'00	
	-2487 May 26 j 22:22	0°♊	
desc. node	-2487 Jun 16 j 10:24	0°♋05'47	
	-2487 Jun 16 j 08:20	0°♋	
evening max el	-2487 Jun 20 j 00:49	3°♋49'34	27°21'52
retrograde	-2487 Jul 03 j 20:23	11°♋10'43	
evening set	-2487 Jul 10 j 23:59	8°♋41'32	
min. Earth dist.	-2487 Jul 14 j 13:59	5°♋45'12	0.62583 AU
inferior conj	-2487 Jul 17 j 11:52	2°♋57'38	-4°-3'-59
minimum elong	-2487 Jul 17 j 15:30	2°♋48'52	4°03'20
	-2487 Jul 20 j 18:56	30°℞♊	
morning rise	-2487 Jul 24 j 09:24	27°♊49'59	
direct	-2487 Jul 26 j 21:49	27°♊21'04	
	-2487 Aug 01 j 18:44	0°♋	
asc. node	-2487 Aug 02 j 00:19	0°♋12'28	
morning max el	-2487 Aug 02 j 14:27	0°♋45'55	17°55'14
morning set	-2487 Aug 18 j 21:22	26°♋10'30	
	-2487 Aug 21 j 00:51	0°♌	
superior conj	-2487 Aug 30 j 05:55	16°♌02'32	1°18'29
minimum elong	-2487 Aug 30 j 11:15	16°♌25'04	1°17'59
max. Earth dist.	-2487 Sep 06 j 04:16	27°♌32'54	1.43146 AU
	-2487 Sep 07 j 16:37	0°♍	
desc. node	-2487 Sep 12 j 09:48	7°♍30'20	
evening rise	-2487 Sep 14 j 07:32	10°♍29'19	
	-2487 Sep 27 j 04:51	0°♎	
greatest brilliancy	-2487 Oct 09 j 15:22	17°♎18'05	-0.4m
evening max el	-2487 Oct 14 j 18:59	23°♎15'53	21°21'36
retrograde	-2487 Oct 23 j 12:02	28°♎25'57	
evening set	-2487 Oct 27 j 14:02	26°♎52'43	
asc. node	-2487 Oct 28 j 23:23	25°♎38'13	
inferior conj	-2487 Nov 01 j 23:50	20°♎37'30	1°21'05
minimum elong	-2487 Nov 01 j 22:04	20°♎43'37	1°20'20
min. Earth dist.	-2487 Nov 02 j 07:31	20°♎11'08	0.67310 AU
morning rise	-2487 Nov 07 j 05:46	14°♎21'05	
direct	-2487 Nov 12 j 07:13	12°♎12'22	
morning max el	-2487 Nov 22 j 18:00	18°♎26'09	23°30'05
greatest brilliancy	-2487 Nov 28 j 21:24	25°♎26'03	-0.2m
	-2487 Dec 02 j 10:30	0°♏	
desc. node	-2487 Dec 09 j 09:14	9°♏38'36	
	-2487 Dec 22 j 16:53	0°♐	
morning set	-2487 Dec 27 j 19:39	8°♐26'24	
max. Earth dist.	-2486 Jan 01 j 00:53	15°♐41'16	1.39145 AU
superior conj	-2486 Jan 08 j 13:24	29°♐17'51	-1°-54'-40
minimum elong	-2486 Jan 08 j 15:18	29°♐26'42	1°54'40
	-2486 Jan 08 j 22:25	0°♑	
evening rise	-2486 Jan 17 j 19:39	17°♑02'53	
asc. node	-2486 Jan 24 j 22:38	0°♒22'43	
	-2486 Jan 24 j 17:27	0°♒	
evening max el	-2486 Feb 03 j 03:20	13°♒19'04	18°40'13
retrograde	-2486 Feb 11 j 00:41	17°♒08'58	
evening set	-2486 Feb 13 j 10:39	16°♒48'44	
inferior conj	-2486 Feb 21 j 02:19	12°♒23'13	3°21'05
minimum elong	-2486 Feb 21 j 06:20	12°♒15'36	3°20'17
min. Earth dist.	-2486 Feb 24 j 10:52	9°♒51'25	0.58044 AU
morning rise	-2486 Feb 28 j 22:14	7°♒07'30	
direct	-2486 Mar 06 j 17:41	5°♒43'45	
desc. node	-2486 Mar 07 j 08:20	5°♒44'40	
morning max el	-2486 Mar 21 j 00:45	13°♒14'10	26°18'27
	-2486 Apr 03 j 05:52	0°♓	
morning set	-2486 Apr 18 j 18:23	28°♓24'43	
	-2486 Apr 19 j 12:29	0°♈	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2486 Apr 22 j 22:03	7°♈18'08	
superior conj	-2486 Apr 25 j 19:43	13°♈38'55	0°30'07
minimum elong	-2486 Apr 25 j 18:26	13°♈31'49	0°29'52
max. Earth dist.	-2486 Apr 26 j 04:23	14°♈26'22	1.32593 AU
evening rise	-2486 May 02 j 21:11	28°♈49'50	
	-2486 May 03 j 10:43	0°♉	
	-2486 May 20 j 05:56	0°♊	
evening max el	-2486 Jun 02 j 04:56	16°♊01'56	26°49'55
desc. node	-2486 Jun 03 j 07:26	17°♊03'19	
retrograde	-2486 Jun 16 j 04:38	23°♊20'12	
evening set	-2486 Jun 22 j 23:22	21°♊19'24	
min. Earth dist.	-2486 Jun 26 j 18:25	18°♊38'52	0.60619 AU
inferior conj	-2486 Jun 30 j 01:41	15°♊52'29	-4°-26'-9
minimum elong	-2486 Jun 30 j 03:19	15°♊49'02	4°26'01
morning rise	-2486 Jul 07 j 10:21	11°♊06'44	
direct	-2486 Jul 09 j 21:50	10°♊42'46	
morning max el	-2486 Jul 17 j 02:50	14°♊14'23	18°07'35
asc. node	-2486 Jul 19 j 21:23	17°♊20'43	
	-2486 Jul 27 j 22:07	0°♋	
morning set	-2486 Aug 02 j 01:01	9°♋25'09	
superior conj	-2486 Aug 11 j 22:43	27°♋38'11	1°39'29
minimum elong	-2486 Aug 12 j 02:01	27°♋52'55	1°39'20
	-2486 Aug 13 j 06:38	0°♌	
max. Earth dist.	-2486 Aug 19 j 12:59	10°♌48'21	1.41458 AU
evening rise	-2486 Aug 25 j 01:46	19°♌55'01	
desc. node	-2486 Aug 30 j 06:49	28°♌09'56	
	-2486 Aug 31 j 11:15	0°♍	
	-2486 Sep 21 j 14:37	0°♎	
greatest brilliancy	-2486 Sep 22 j 16:01	1°♎18'03	-0.3m
evening max el	-2486 Sep 27 j 11:53	6°♎42'45	22°38'54
retrograde	-2486 Oct 07 j 06:49	12°♎31'31	
evening set	-2486 Oct 11 j 21:45	10°♎39'33	
asc. node	-2486 Oct 15 j 20:29	6°♎15'26	
inferior conj	-2486 Oct 17 j 06:33	4°♎19'02	0°29'16
minimum elong	-2486 Oct 17 j 05:52	4°♎21'23	0°28'57
min. Earth dist.	-2486 Oct 17 j 03:44	4°♎28'48	0.67510 AU
	-2486 Oct 20 j 14:37	30°℞♍	
morning rise	-2486 Oct 22 j 13:55	28°♍04'30	
direct	-2486 Oct 27 j 00:25	26°♍18'05	
	-2486 Nov 03 j 09:38	0°♎	
morning max el	-2486 Nov 05 j 06:32	1°♎46'54	22°04'15
greatest brilliancy	-2486 Nov 10 j 00:44	7°♎10'05	-0.4m
desc. node	-2486 Nov 26 j 06:16	29°♎45'40	
	-2486 Nov 26 j 10:06	0°♏	
morning set	-2486 Dec 07 j 22:35	17°♏51'42	
max. Earth dist.	-2486 Dec 13 j 23:37	27°♏46'04	1.41210 AU
	-2486 Dec 15 j 07:29	0°♐	
superior conj	-2486 Dec 21 j 16:46	11°♐02'58	-1°-57'-5
minimum elong	-2486 Dec 21 j 15:38	10°♐57'57	1°57'08
evening rise	-2485 Jan 01 j 03:38	0°♑08'00	
	-2485 Jan 01 j 01:55	0°♑	
asc. node	-2485 Jan 11 j 19:41	18°♑55'05	
evening max el	-2485 Jan 17 j 10:40	26°♑07'43	18°14'19
retrograde	-2485 Jan 24 j 11:20	29°♑39'20	
evening set	-2485 Jan 27 j 00:37	29°♑12'15	
inferior conj	-2485 Feb 03 j 01:03	24°♑25'03	3°53'05
minimum elong	-2485 Feb 03 j 02:34	24°♑21'41	3°52'55
min. Earth dist.	-2485 Feb 06 j 08:40	21°♑30'19	0.60056 AU
morning rise	-2485 Feb 10 j 01:28	18°♑47'33	
direct	-2485 Feb 16 j 16:55	16°♑45'30	
desc. node	-2485 Feb 22 j 05:25	18°♑03'33	
morning max el	-2485 Mar 02 j 22:27	24°♑27'19	27°18'43
	-2485 Mar 08 j 00:13	0°♒	
	-2485 Mar 27 j 10:14	0°♓	
morning set	-2485 Apr 03 j 03:12	13°♓14'19	
max. Earth dist.	-2485 Apr 09 j 17:39	27°♓22'49	1.32494 AU
asc. node	-2485 Apr 09 j 19:06	27°♓30'43	
superior conj	-2485 Apr 10 j 07:24	28°♓38'02	0°05'25
minimum elong	-2485 Apr 10 j 07:09	28°♓36'42	0°05'22
behind sun begin	-2485 Apr 10 j 02:24	28°♓10'43	
behind sun end	-2485 Apr 10 j 11:54	29°♓02'41	
	-2485 Apr 10 j 22:22	0°♈	
evening rise	-2485 Apr 17 j 06:57	13°♈44'21	
	-2485 Apr 25 j 13:09	0°♉	
evening max el	-2485 May 15 j 02:21	27°♉30'00	25°47'06
	-2485 May 17 j 22:38	0°♊	
desc. node	-2485 May 21 j 04:28	2°♊16'04	
retrograde	-2485 May 29 j 04:06	4°♊43'57	
evening set	-2485 Jun 04 j 01:17	3°♊20'53	
min. Earth dist.	-2485 Jun 08 j 14:41	0°♊38'30	0.58570 AU
	-2485 Jun 09 j 12:21	30°℞♉	
inferior conj	-2485 Jun 11 j 22:06	28°♉14'04	-4°-24'-26
minimum elong	-2485 Jun 11 j 20:08	28°♉17'39	4°24'16
morning rise	-2485 Jun 19 j 18:53	23°♉50'59	
direct	-2485 Jun 22 j 06:38	23°♉30'51	
morning max el	-2485 Jun 30 j 09:44	27°♉21'22	18°39'57
	-2485 Jul 02 j 20:50	0°♊	
asc. node	-2485 Jul 06 j 18:27	5°♊23'22	
morning set	-2485 Jul 16 j 16:49	23°♊16'39	
	-2485 Jul 20 j 03:48	0°♋	
superior conj	-2485 Jul 25 j 13:21	10°♋20'06	1°48'03
minimum elong	-2485 Jul 25 j 14:10	10°♋23'55	1°48'05
max. Earth dist.	-2485 Aug 01 j 16:19	23°♋18'39	1.39507 AU
evening rise	-2485 Aug 05 j 20:16	0°♌30'06	
	-2485 Aug 05 j 13:10	0°♌	
desc. node	-2485 Aug 17 j 03:49	18°♌40'51	
	-2485 Aug 24 j 20:24	0°♍	
evening max el	-2485 Sep 10 j 00:33	20°♍11'43	23°59'26
retrograde	-2485 Sep 20 j 22:25	26°♍37'16	
evening set	-2485 Sep 26 j 03:44	24°♍26'12	
min. Earth dist.	-2485 Sep 30 j 23:54	18°♍48'34	0.67400 AU
inferior conj	-2485 Oct 01 j 13:00	18°♍04'06	0°-24'-33
minimum elong	-2485 Oct 01 j 13:35	18°♍02'06	0°24'18
asc. node	-2485 Oct 02 j 17:34	16°♍28'12	
morning rise	-2485 Oct 06 j 23:39	11°♍54'15	
direct	-2485 Oct 10 j 20:43	10°♍28'51	
morning max el	-2485 Oct 19 j 01:29	15°♍16'25	20°45'56
greatest brilliancy	-2485 Oct 25 j 00:40	22°♍19'42	-0.5m
	-2485 Oct 30 j 14:36	0°♎	
desc. node	-2485 Nov 13 j 03:19	20°♎09'05	
morning set	-2485 Nov 17 j 01:38	26°♎13'24	
	-2485 Nov 19 j 11:36	0°♏	
max. Earth dist.	-2485 Nov 26 j 05:18	10°♏44'31	1.42999 AU
superior conj	-2485 Dec 02 j 19:44	21°♏37'26	-1°-45'-19
minimum elong	-2485 Dec 02 j 14:28	21°♏15'17	1°45'03
	-2485 Dec 07 j 17:51	0°♐	
evening rise	-2485 Dec 14 j 20:51	12°♐29'21	
	-2485 Dec 25 j 00:25	0°♑	
asc. node	-2485 Dec 29 j 16:44	6°♑44'26	
evening max el	-2485 Dec 31 j 22:04	9°♑14'58	18°08'07
retrograde	-2484 Jan 07 j 12:28	12°♑41'59	
evening set	-2484 Jan 10 j 05:06	12°♑07'02	
inferior conj	-2484 Jan 16 j 17:20	6°♑58'27	3°57'23
minimum elong	-2484 Jan 16 j 16:29	7°♑00'38	3°57'17
min. Earth dist.	-2484 Jan 19 j 14:32	4°♑04'36	0.62067 AU
morning rise	-2484 Jan 23 j 01:38	1°♑06'22	
	-2484 Jan 24 j 19:22	30°℞♐	
direct	-2484 Jan 30 j 02:03	28°♐33'38	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2484 Feb 04 j 16:57	0°♉	
desc. node	-2484 Feb 09 j 02:30	2°♉48'55	
morning max el	-2484 Feb 13 j 02:18	6°♉21'00	27°43'52
	-2484 Mar 02 j 00:54	0°♒	
morning set	-2484 Mar 17 j 07:24	27°♒47'11	
	-2484 Mar 18 j 09:20	0°♓	
max. Earth dist.	-2484 Mar 23 j 04:06	10°♓06'24	1.32751 AU
superior conj	-2484 Mar 24 j 17:41	13°♓29'42	0°-20'-14
minimum elong	-2484 Mar 24 j 18:37	13°♓34'45	0°20'04
asc. node	-2484 Mar 26 j 16:08	17°♓42'12	
evening rise	-2484 Mar 31 j 18:28	28°♓40'38	
	-2484 Apr 01 j 09:34	0°♈	
	-2484 Apr 18 j 13:04	0°♉	
evening max el	-2484 Apr 25 j 18:36	8°♉22'24	24°21'48
desc. node	-2484 May 07 j 01:31	15°♉07'21	
retrograde	-2484 May 09 j 16:32	15°♉23'12	
evening set	-2484 May 14 j 05:48	14°♉36'41	
min. Earth dist.	-2484 May 20 j 06:19	11°♉36'33	0.56743 AU
inferior conj	-2484 May 22 j 22:33	9°♉54'36	-3°-47'-34
minimum elong	-2484 May 22 j 16:56	10°♉03'35	3°46'28
morning rise	-2484 May 31 j 08:05	5°♉50'13	
direct	-2484 Jun 02 j 20:37	5°♉32'58	
morning max el	-2484 Jun 12 j 08:18	9°♉57'06	19°32'53
asc. node	-2484 Jun 22 j 15:31	24°♉07'36	
	-2484 Jun 25 j 20:16	0°♊	
morning set	-2484 Jun 29 j 17:12	7°♊35'37	
superior conj	-2484 Jul 07 j 20:06	23°♊51'42	1°46'46
minimum elong	-2484 Jul 07 j 19:00	23°♊46'16	1°46'47
	-2484 Jul 10 j 23:59	0°♋	
max. Earth dist.	-2484 Jul 13 j 18:37	5°♋14'16	1.37562 AU
evening rise	-2484 Jul 17 j 15:56	12°♋18'53	
	-2484 Jul 28 j 04:31	0°♌	
desc. node	-2484 Aug 03 j 00:49	8°♌57'41	
	-2484 Aug 18 j 22:43	0°♍	
evening max el	-2484 Aug 22 j 11:34	3°♍43'56	25°16'12
retrograde	-2484 Sep 03 j 09:48	10°♍38'15	
evening set	-2484 Sep 09 j 06:06	8°♍09'46	
min. Earth dist.	-2484 Sep 13 j 17:33	3°♍07'54	0.66980 AU
inferior conj	-2484 Sep 14 j 17:25	1°♍49'57	-1°-18'-49
minimum elong	-2484 Sep 14 j 19:19	1°♍43'45	1°18'01
	-2484 Sep 16 j 03:39	30°℞♌	
asc. node	-2484 Sep 18 j 14:39	27°♌14'18	
morning rise	-2484 Sep 20 j 09:03	25°♌47'49	
direct	-2484 Sep 23 j 18:47	24°♌40'36	
morning max el	-2484 Oct 01 j 03:46	28°♌54'28	19°39'46
	-2484 Oct 02 j 04:28	0°♍	
greatest brilliancy	-2484 Oct 09 j 13:17	9°♍33'15	-0.6m
	-2484 Oct 23 j 02:37	0°♎	
morning set	-2484 Oct 26 j 00:23	4°♎30'05	
desc. node	-2484 Oct 30 j 00:19	10°♎43'11	
max. Earth dist.	-2484 Nov 07 j 17:43	24°♎26'20	1.44272 AU
	-2484 Nov 11 j 05:22	0°♏	
superior conj	-2484 Nov 11 j 19:21	0°♏56'07	-1°-16'-20
minimum elong	-2484 Nov 11 j 11:50	0°♏25'55	1°15'34
evening rise	-2484 Nov 25 j 18:39	23°♏57'22	
	-2484 Nov 29 j 08:37	0°♐	
evening max el	-2484 Dec 14 j 10:41	22°♐33'49	18°21'01
asc. node	-2484 Dec 15 j 13:47	23°♐38'05	
retrograde	-2484 Dec 20 j 23:42	26°♐07'45	
evening set	-2484 Dec 23 j 20:29	25°♐23'37	
inferior conj	-2484 Dec 29 j 23:16	19°♐55'18	3°42'04
minimum elong	-2484 Dec 29 j 20:54	20°♐01'59	3°41'39
min. Earth dist.	-2483 Jan 01 j 05:56	17°♐21'41	0.63848 AU
morning rise	-2483 Jan 04 j 19:48	13°♐53'19	
direct	-2483 Jan 11 j 19:02	11°♐04'30	
morning max el	-2483 Jan 25 j 10:15	18°♐50'45	27°32'46
desc. node	-2483 Jan 25 j 23:35	19°♐24'15	
	-2483 Feb 03 j 22:17	0°♑	
	-2483 Feb 22 j 22:03	0°♒	
morning set	-2483 Mar 01 j 04:27	11°♒54'54	
max. Earth dist.	-2483 Mar 06 j 07:51	22°♒24'24	1.33405 AU
superior conj	-2483 Mar 09 j 00:51	28°♒08'08	0°-45'-49
minimum elong	-2483 Mar 09 j 02:56	28°♒19'14	0°45'28
	-2483 Mar 09 j 21:47	0°♓	
asc. node	-2483 Mar 13 j 13:09	7°♓48'39	
evening rise	-2483 Mar 16 j 05:57	13°♓32'36	
	-2483 Mar 24 j 15:48	0°♈	
evening max el	-2483 Apr 07 j 10:51	19°♈02'47	22°47'23
retrograde	-2483 Apr 20 j 15:55	25°♈32'49	
evening set	-2483 Apr 23 j 21:40	25°♈09'52	
desc. node	-2483 Apr 23 j 22:34	25°♈09'20	
min. Earth dist.	-2483 May 01 j 20:16	21°♈40'32	0.55495 AU
inferior conj	-2483 May 03 j 04:22	20°♈54'23	-2°-28'-26
minimum elong	-2483 May 02 j 22:22	21°♈03'02	2°26'38
morning rise	-2483 May 12 j 01:37	16°♈58'34	
direct	-2483 May 14 j 17:14	16°♈42'03	
morning max el	-2483 May 25 j 20:20	21°♈53'16	20°45'55
	-2483 Jun 01 j 15:24	0°♉	
asc. node	-2483 Jun 09 j 12:34	13°♉23'23	
morning set	-2483 Jun 13 j 23:30	22°♉15'14	
	-2483 Jun 17 j 17:25	0°♊	
superior conj	-2483 Jun 21 j 14:22	7°♊59'50	1°38'02
minimum elong	-2483 Jun 21 j 12:08	7°♊48'29	1°37'55
max. Earth dist.	-2483 Jun 26 j 02:35	17°♊02'45	1.35840 AU
evening rise	-2483 Jun 30 j 08:25	25°♊10'36	
	-2483 Jul 02 j 23:24	0°♋	
desc. node	-2483 Jul 20 j 21:48	28°♋54'09	
	-2483 Jul 21 j 16:28	0°♌	
evening max el	-2483 Aug 04 j 22:55	17°♌17'40	26°21'07
retrograde	-2483 Aug 17 j 16:17	24°♌29'36	
evening set	-2483 Aug 24 j 02:51	21°♌48'15	
min. Earth dist.	-2483 Aug 28 j 06:15	17°♌24'18	0.66228 AU
inferior conj	-2483 Aug 29 j 17:58	15°♌34'26	-2°-11'-43
minimum elong	-2483 Aug 29 j 21:04	15°♌24'54	2°10'33
morning rise	-2483 Sep 04 j 16:10	9°♌43'20	
asc. node	-2483 Sep 05 j 11:44	9°♌18'57	
direct	-2483 Sep 07 j 16:56	8°♌50'53	
morning max el	-2483 Sep 14 j 12:33	12°♌39'43	18°48'35
	-2483 Sep 27 j 01:06	0°♍	
morning set	-2483 Oct 05 j 17:42	13°♍46'03	
	-2483 Oct 15 j 23:53	0°♎	
desc. node	-2483 Oct 16 j 21:17	1°♎24'18	
superior conj	-2483 Oct 21 j 22:22	9°♎20'59	0°-32'-1
minimum elong	-2483 Oct 21 j 18:12	9°♎04'32	0°31'30
max. Earth dist.	-2483 Oct 21 j 10:54	8°♎35'49	1.44876 AU
	-2483 Nov 03 j 22:56	0°♏	
evening rise	-2483 Nov 06 j 17:03	4°♏25'09	
	-2483 Nov 23 j 01:38	0°♐	
evening max el	-2483 Nov 27 j 21:54	5°♐58'36	18°51'50
asc. node	-2483 Dec 02 j 10:50	9°♐21'10	
retrograde	-2483 Dec 04 j 17:12	9°♐49'28	
evening set	-2483 Dec 07 j 19:36	8°♐54'25	
inferior conj	-2483 Dec 13 j 15:14	3°♐08'41	3°13'07
minimum elong	-2483 Dec 13 j 12:14	3°♐17'53	3°12'20
min. Earth dist.	-2483 Dec 15 j 06:55	1°♐06'58	0.65282 AU
	-2483 Dec 16 j 05:31	30°℞♏	
morning rise	-2483 Dec 19 j 03:53	26°♏59'40	
direct	-2483 Dec 25 j 18:26	24°♏09'54	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2482 Jan 05 j 23:30	0°♐	
morning max el	-2482 Jan 07 j 19:45	1°♐45'45	26°49'39
desc. node	-2482 Jan 12 j 20:38	7°♐17'49	
	-2482 Jan 29 j 01:27	0°♑	
morning set	-2482 Feb 12 j 14:57	25°♑26'06	
	-2482 Feb 14 j 23:29	0°♒	
max. Earth dist.	-2482 Feb 17 j 01:30	4°♒08'29	1.34499 AU
superior conj	-2482 Feb 21 j 02:43	12°♒25'42	-1°-10'-13
minimum elong	-2482 Feb 21 j 05:44	12°♒41'20	1°09'47
asc. node	-2482 Feb 28 j 10:09	27°♒45'11	
evening rise	-2482 Feb 28 j 15:35	28°♒13'21	
	-2482 Mar 01 j 12:14	0°♓	
	-2482 Mar 20 j 10:28	0°♈	
evening max el	-2482 Mar 20 j 09:15	29°♓57'06	21°17'22
retrograde	-2482 Apr 01 j 05:50	5°♈39'52	
evening set	-2482 Apr 03 j 16:32	5°♈26'08	
desc. node	-2482 Apr 10 j 19:39	2°♈38'57	
inferior conj	-2482 Apr 12 j 23:37	1°♈26'53	0°-36'-29
minimum elong	-2482 Apr 12 j 21:54	1°♈29'19	0°35'54
min. Earth dist.	-2482 Apr 13 j 09:46	1°♈12'36	0.55099 AU
	-2482 Apr 15 j 14:24	30°℞♓	
morning rise	-2482 Apr 22 j 03:05	27°♓23'24	
direct	-2482 Apr 25 j 04:55	27°♓02'47	
	-2482 May 04 j 00:30	0°♈	
morning max el	-2482 May 07 j 21:29	3°♈06'42	22°16'03
	-2482 May 25 j 21:15	0°♉	
asc. node	-2482 May 27 j 09:35	3°♉01'44	
morning set	-2482 May 29 j 09:30	7°♉07'54	
superior conj	-2482 Jun 05 j 16:31	22°♉32'51	1°23'43
minimum elong	-2482 Jun 05 j 13:54	22°♉19'05	1°23'26
max. Earth dist.	-2482 Jun 08 j 19:57	29°♉05'57	1.34453 AU
	-2482 Jun 09 j 06:29	0°♊	
evening rise	-2482 Jun 13 j 16:24	8°♊49'21	
	-2482 Jun 25 j 11:32	0°♋	
desc. node	-2482 Jul 07 j 18:49	18°♋20'49	
	-2482 Jul 17 j 16:37	0°♌	
evening max el	-2482 Jul 18 j 10:35	0°♌43'58	27°06'24
retrograde	-2482 Jul 31 j 17:23	8°♌04'06	
evening set	-2482 Aug 07 j 15:29	5°♌17'41	
min. Earth dist.	-2482 Aug 11 j 11:33	1°♌32'03	0.65104 AU
	-2482 Aug 12 j 20:07	30°℞♋	
inferior conj	-2482 Aug 13 j 12:28	29°♋13'19	-3°-1'-7
minimum elong	-2482 Aug 13 j 16:25	29°♋02'05	2°59'53
morning rise	-2482 Aug 19 j 18:44	23°♋36'45	
direct	-2482 Aug 22 j 12:54	22°♋55'43	
asc. node	-2482 Aug 23 j 08:48	22°♋59'26	
morning max el	-2482 Aug 29 j 01:52	26°♋28'21	18°13'59
	-2482 Sep 01 j 02:41	0°♌	
morning set	-2482 Sep 16 j 14:53	24°♌24'10	
	-2482 Sep 20 j 00:15	0°♍	
superior conj	-2482 Oct 01 j 00:43	17°♍49'24	0°17'33
minimum elong	-2482 Oct 01 j 02:54	17°♍58'04	0°17'16
desc. node	-2482 Oct 03 j 18:17	22°♍09'24	
max. Earth dist.	-2482 Oct 04 j 05:42	22°♍54'31	1.44741 AU
	-2482 Oct 08 j 17:53	0°♎	
evening rise	-2482 Oct 17 j 15:38	13°♎54'08	
	-2482 Oct 28 j 01:29	0°♏	
greatest brilliancy	-2482 Nov 03 j 00:05	8°♏52'27	-0.7m
evening max el	-2482 Nov 11 j 05:26	19°♏25'40	19°39'05
retrograde	-2482 Nov 18 j 13:55	23°♏42'12	
asc. node	-2482 Nov 19 j 07:54	23°♏38'59	
evening set	-2482 Nov 21 j 23:46	22°♏34'10	
inferior conj	-2482 Nov 27 j 14:15	16°♏34'08	2°34'37
minimum elong	-2482 Nov 27 j 11:21	16°♏43'36	2°33'39
min. Earth dist.	-2482 Nov 28 j 16:15	15°♏09'07	0.66342 AU
morning rise	-2482 Dec 02 j 22:14	10°♏20'12	
direct	-2482 Dec 08 j 23:34	7°♏41'16	
morning max el	-2482 Dec 21 j 05:01	14°♏55'03	25°42'17
desc. node	-2482 Dec 30 j 17:40	26°♏06'39	
	-2481 Jan 02 j 15:03	0°♐	
	-2481 Jan 21 j 21:01	0°♑	
morning set	-2481 Jan 26 j 10:28	8°♑07'43	
max. Earth dist.	-2481 Jan 30 j 07:39	15°♑22'52	1.36039 AU
superior conj	-2481 Feb 04 j 20:44	26°♑14'45	-1°-31'-50
minimum elong	-2481 Feb 05 j 00:08	26°♑31'52	1°31'29
	-2481 Feb 06 j 17:21	0°♒	
evening rise	-2481 Feb 12 j 21:24	12°♒36'37	
asc. node	-2481 Feb 15 j 07:11	17°♒27'00	
	-2481 Feb 22 j 02:47	0°♓	
evening max el	-2481 Mar 02 j 17:49	11°♓24'07	20°01'24
retrograde	-2481 Mar 12 j 22:02	16°♓15'08	
evening set	-2481 Mar 15 j 03:32	16°♓02'11	
inferior conj	-2481 Mar 23 j 22:27	12°♓01'52	1°18'26
minimum elong	-2481 Mar 24 j 01:43	11°♓56'54	1°17'19
min. Earth dist.	-2481 Mar 25 j 23:49	10°♓47'06	0.55645 AU
desc. node	-2481 Mar 28 j 16:43	9°♓15'56	
morning rise	-2481 Apr 01 j 21:06	7°♓33'13	
direct	-2481 Apr 05 j 20:10	6°♓58'44	
morning max el	-2481 Apr 19 j 14:48	13°♓48'45	23°55'27
	-2481 May 02 j 03:05	0°♈	
morning set	-2481 May 13 j 21:21	22°♈07'46	
asc. node	-2481 May 14 j 06:36	22°♈56'24	
	-2481 May 17 j 13:57	0°♉	
superior conj	-2481 May 20 j 23:54	7°♉22'17	1°05'13
minimum elong	-2481 May 20 j 21:28	7°♉09'15	1°04'51
max. Earth dist.	-2481 May 22 j 22:38	11°♉32'42	1.33440 AU
evening rise	-2481 May 28 j 11:32	23°♉02'20	
	-2481 Jun 01 j 00:41	0°♊	
	-2481 Jun 19 j 04:58	0°♋	
desc. node	-2481 Jun 24 j 15:51	7°♋04'55	
evening max el	-2481 Jun 30 j 21:00	13°♋50'32	27°25'05
retrograde	-2481 Jul 14 j 12:47	21°♋12'51	
evening set	-2481 Jul 21 j 16:52	18°♋33'01	
min. Earth dist.	-2481 Jul 25 j 07:38	15°♋21'35	0.63600 AU
inferior conj	-2481 Jul 27 j 22:20	12°♋40'54	-3°-44'-1
minimum elong	-2481 Jul 28 j 02:25	12°♋30'24	3°43'04
morning rise	-2481 Aug 03 j 14:00	7°♋22'09	
direct	-2481 Aug 06 j 03:50	6°♋49'35	
asc. node	-2481 Aug 10 j 05:52	8°♋11'41	
morning max el	-2481 Aug 12 j 17:05	10°♋14'41	17°56'53
	-2481 Aug 25 j 23:11	0°♌	
morning set	-2481 Aug 29 j 13:36	6°♌15'01	
superior conj	-2481 Sep 10 j 22:56	27°♌18'38	1°00'01
minimum elong	-2481 Sep 11 j 04:21	27°♌40'58	0°59'25
	-2481 Sep 12 j 14:14	0°♍	
max. Earth dist.	-2481 Sep 16 j 22:07	7°♍00'25	1.43898 AU
desc. node	-2481 Sep 20 j 15:17	12°♍54'56	
evening rise	-2481 Sep 26 j 22:20	22°♍44'19	
	-2481 Oct 01 j 15:57	0°♎	
greatest brilliancy	-2481 Oct 19 j 08:49	25°♎45'58	-0.5m
	-2481 Oct 22 j 17:33	0°♏	
evening max el	-2481 Oct 25 j 07:31	2°♏52'16	20°40'46
retrograde	-2481 Nov 02 j 11:23	7°♏41'49	
evening set	-2481 Nov 06 j 06:47	6°♏18'28	
asc. node	-2481 Nov 06 j 04:59	6°♏21'46	
inferior conj	-2481 Nov 11 j 17:50	0°♏07'34	1°49'21
minimum elong	-2481 Nov 11 j 15:32	0°♏15'22	1°48'28
	-2481 Nov 11 j 20:04	30°℞♎	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

min. Earth dist.	-2481 Nov 12 j 07:49	29°♎20'03	0.67048 AU
morning rise	-2481 Nov 16 j 23:50	23°♎51'08	
direct	-2481 Nov 22 j 10:02	21°♎30'18	
morning max el	-2481 Dec 03 j 13:40	28°♎09'22	24°20'05
	-2481 Dec 05 j 07:53	0°♏	
desc. node	-2481 Dec 17 j 14:43	15°♏34'06	
	-2481 Dec 27 j 08:57	0°♐	
morning set	-2480 Jan 08 j 09:09	19°♐43'06	
max. Earth dist.	-2480 Jan 12 j 04:45	26°♐28'34	1.37948 AU
	-2480 Jan 14 j 03:12	0°♑	
superior conj	-2480 Jan 19 j 03:24	9°♑25'03	-1°-48'-28
minimum elong	-2480 Jan 19 j 06:16	9°♑38'46	1°48'21
evening rise	-2480 Jan 27 j 21:02	26°♑35'02	
	-2480 Jan 29 j 14:44	0°♒	
asc. node	-2480 Feb 02 j 04:13	6°♒47'46	
evening max el	-2480 Feb 13 j 13:01	23°♒27'51	19°04'07
retrograde	-2480 Feb 22 j 03:49	27°♒35'45	
evening set	-2480 Feb 24 j 11:28	27°♒19'04	
inferior conj	-2480 Mar 03 j 13:05	23°♒05'03	2°46'55
minimum elong	-2480 Mar 03 j 17:50	22°♒56'46	2°45'42
min. Earth dist.	-2480 Mar 06 j 15:27	20°♒56'27	0.57003 AU
morning rise	-2480 Mar 11 j 20:13	18°♒04'50	
desc. node	-2480 Mar 14 j 13:47	17°♒16'12	
direct	-2480 Mar 16 j 23:54	17°♒02'10	
morning max el	-2480 Mar 31 j 05:48	24°♒23'04	25°31'08
	-2480 Apr 05 j 09:00	0°♓	
	-2480 Apr 23 j 21:39	0°♈	
morning set	-2480 Apr 27 j 09:23	7°♈09'02	
asc. node	-2480 Apr 30 j 03:39	13°♈02'09	
superior conj	-2480 May 04 j 10:22	22°♈21'10	0°43'37
minimum elong	-2480 May 04 j 08:34	22°♈11'21	0°43'17
max. Earth dist.	-2480 May 05 j 08:08	24°♈19'45	1.32794 AU
	-2480 May 07 j 23:06	0°♉	
evening rise	-2480 May 11 j 14:24	7°♉39'01	
	-2480 May 23 j 12:08	0°♊	
desc. node	-2480 Jun 10 j 12:53	24°♊48'45	
evening max el	-2480 Jun 12 j 04:02	26°♊25'54	27°12'19
	-2480 Jun 16 j 09:24	0°♋	
retrograde	-2480 Jun 26 j 01:52	3°♋46'56	
evening set	-2480 Jul 03 j 03:06	1°♋28'00	
	-2480 Jul 05 j 03:46	30°℞♊	
min. Earth dist.	-2480 Jul 06 j 17:48	28°♊40'30	0.61764 AU
inferior conj	-2480 Jul 09 j 20:32	25°♊50'45	-4°-15'-44
minimum elong	-2480 Jul 09 j 23:32	25°♊43'54	4°15'19
morning rise	-2480 Jul 16 j 22:43	20°♊52'29	
direct	-2480 Jul 19 j 10:24	20°♊26'00	
morning max el	-2480 Jul 26 j 07:24	23°♊52'37	17°58'10
asc. node	-2480 Jul 27 j 02:56	24°♊42'36	
	-2480 Jul 31 j 05:44	0°♋	
morning set	-2480 Aug 11 j 08:18	19°♋03'41	
	-2480 Aug 17 j 09:24	0°♌	
superior conj	-2480 Aug 22 j 00:47	8°♌10'12	1°29'04
minimum elong	-2480 Aug 22 j 05:25	8°♌30'17	1°28'42
max. Earth dist.	-2480 Aug 29 j 09:30	20°♌36'36	1.42468 AU
	-2480 Sep 04 j 04:57	0°♍	
evening rise	-2480 Sep 05 j 07:04	1°♍43'17	
desc. node	-2480 Sep 06 j 12:18	3°♍38'07	
	-2480 Sep 24 j 04:46	0°♎	
greatest brilliancy	-2480 Oct 02 j 08:00	10°♎50'29	-0.4m
evening max el	-2480 Oct 07 j 03:38	16°♎19'13	21°53'40
retrograde	-2480 Oct 16 j 07:37	21°♎46'10	
evening set	-2480 Oct 20 j 14:47	20°♎05'19	
asc. node	-2480 Oct 23 j 02:03	17°♎37'07	
inferior conj	-2480 Oct 25 j 23:58	13°♎47'19	0°59'27
minimum elong	-2480 Oct 25 j 22:38	13°♎51'57	0°58'53
min. Earth dist.	-2480 Oct 26 j 03:10	13°♎36'18	0.67431 AU
morning rise	-2480 Oct 31 j 06:15	7°♎31'03	
direct	-2480 Nov 05 j 01:10	5°♎31'44	
morning max el	-2480 Nov 14 j 23:44	11°♎26'58	22°52'59
greatest brilliancy	-2480 Nov 19 j 18:45	16°♎49'39	-0.3m
	-2480 Nov 29 j 16:26	0°♏	
desc. node	-2480 Dec 03 j 11:46	5°♏29'26	
morning set	-2480 Dec 19 j 04:58	29°♏57'30	
	-2480 Dec 19 j 05:34	0°♐	
max. Earth dist.	-2480 Dec 24 j 00:17	8°♐02'18	1.40039 AU
superior conj	-2480 Dec 31 j 18:21	21°♐45'41	-1°-57'-9
minimum elong	-2480 Dec 31 j 19:10	21°♐49'26	1°57'14
	-2479 Jan 05 j 04:56	0°♑	
evening rise	-2479 Jan 10 j 11:43	10°♑01'54	
asc. node	-2479 Jan 19 j 01:16	25°♑40'35	
	-2479 Jan 21 j 19:10	0°♒	
evening max el	-2479 Jan 26 j 16:50	6°♒03'16	18°26'46
retrograde	-2479 Feb 03 j 03:59	9°♒43'16	
evening set	-2479 Feb 05 j 15:24	9°♒20'18	
inferior conj	-2479 Feb 13 j 00:17	4°♒46'05	3°38'33
minimum elong	-2479 Feb 13 j 03:19	4°♒39'55	3°38'06
min. Earth dist.	-2479 Feb 16 j 10:15	2°♒01'11	0.58883 AU
	-2479 Feb 19 j 07:41	30°℞♑	
morning rise	-2479 Feb 20 j 11:38	29°♑20'02	
direct	-2479 Feb 26 j 17:04	27°♑39'20	
desc. node	-2479 Mar 01 j 10:53	27°♑58'26	
	-2479 Mar 06 j 08:00	0°♒	
morning max el	-2479 Mar 12 j 23:56	5°♒16'05	26°47'56
	-2479 Mar 31 j 05:15	0°♓	
morning set	-2479 Apr 11 j 19:53	22°♓04'55	
	-2479 Apr 15 j 13:03	0°♈	
asc. node	-2479 Apr 17 j 00:40	3°♈13'42	
superior conj	-2479 Apr 18 j 22:05	7°♈22'17	0°19'49
minimum elong	-2479 Apr 18 j 21:13	7°♈17'31	0°19'38
max. Earth dist.	-2479 Apr 18 j 21:03	7°♈16'37	1.32502 AU
evening rise	-2479 Apr 25 j 22:18	22°♈29'44	
	-2479 Apr 29 j 14:42	0°♉	
	-2479 May 17 j 20:24	0°♊	
evening max el	-2479 May 25 j 05:30	8°♊20'11	26°26'47
desc. node	-2479 May 28 j 09:57	11°♊06'22	
retrograde	-2479 Jun 08 j 06:54	15°♊37'17	
evening set	-2479 Jun 14 j 17:44	13°♊52'12	
min. Earth dist.	-2479 Jun 18 j 18:44	11°♊12'46	0.59735 AU
inferior conj	-2479 Jun 22 j 03:25	8°♊33'05	-4°-29'-4
minimum elong	-2479 Jun 22 j 03:41	8°♊32'33	4°29'01
morning rise	-2479 Jun 29 j 17:06	3°♊56'53	
direct	-2479 Jul 02 j 04:28	3°♊34'44	
morning max el	-2479 Jul 09 j 17:48	7°♊13'15	18°18'49
asc. node	-2479 Jul 14 j 00:00	12°♊15'51	
	-2479 Jul 24 j 08:48	0°♋	
morning set	-2479 Jul 25 j 17:37	2°♋35'27	
superior conj	-2479 Aug 04 j 03:33	20°♋15'48	1°44'29
minimum elong	-2479 Aug 04 j 05:46	20°♋25'55	1°44'26
	-2479 Aug 09 j 14:23	0°♌	
max. Earth dist.	-2479 Aug 11 j 15:27	3°♌32'02	1.40646 AU
evening rise	-2479 Aug 16 j 10:57	11°♌36'42	
desc. node	-2479 Aug 24 j 09:19	24°♌14'40	
	-2479 Aug 28 j 04:07	0°♍	
greatest brilliancy	-2479 Sep 13 j 22:48	23°♍13'16	-0.2m
	-2479 Sep 19 j 23:41	0°♎	
evening max el	-2479 Sep 19 j 18:35	29°♍47'16	23°13'13
retrograde	-2479 Sep 30 j 01:07	5°♎52'02	
evening set	-2479 Oct 04 j 21:58	3°♎52'10	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2479 Oct 08 j 10:38	30°℞♍	
asc. node	-2479 Oct 09 j 23:07	27°♍57'04	
inferior conj	-2479 Oct 10 j 06:48	27°♍30'41	0°06'37
minimum elong	-2479 Oct 10 j 06:38	27°♍31'14	0°06'33
transit middle	-2479 Oct 10 j 06:38	27°♍31'14	0°06'33
transit begin	-2479 Oct 10 j 04:10	27°♍39'45	
transit end	-2479 Oct 10 j 09:07	27°♍22'44	
min. Earth dist.	-2479 Oct 09 j 23:42	27°♍55'04	0.67502 AU
morning rise	-2479 Oct 15 j 15:19	21°♍17'40	
direct	-2479 Oct 19 j 19:59	19°♍40'11	
morning max el	-2479 Oct 28 j 14:34	24°♍50'37	21°29'38
	-2479 Nov 02 j 03:25	0°♎	
greatest brilliancy	-2479 Nov 02 j 17:51	0°♎44'59	-0.4m
desc. node	-2479 Nov 20 j 08:49	25°♎44'26	
	-2479 Nov 23 j 03:53	0°♏	
morning set	-2479 Nov 28 j 20:15	8°♏50'56	
max. Earth dist.	-2479 Dec 06 j 01:39	20°♏30'13	1.42023 AU
	-2479 Dec 11 j 17:27	0°♐	
superior conj	-2479 Dec 13 j 12:04	3°♐03'10	-1°-54'-4
minimum elong	-2479 Dec 13 j 09:12	2°♐50'48	1°54'03
evening rise	-2479 Dec 24 j 13:56	22°♐49'50	
	-2479 Dec 28 j 12:42	0°♑	
asc. node	-2478 Jan 05 j 22:19	13°♑56'35	
evening max el	-2478 Jan 10 j 02:23	19°♑01'56	18°09'20
retrograde	-2478 Jan 16 j 21:16	22°♑29'38	
evening set	-2478 Jan 19 j 12:05	21°♑59'11	
inferior conj	-2478 Jan 26 j 06:57	17°♑02'47	3°57'44
minimum elong	-2478 Jan 26 j 07:23	17°♑01'46	3°57'41
min. Earth dist.	-2478 Jan 29 j 11:00	14°♑05'48	0.60932 AU
morning rise	-2478 Feb 02 j 00:03	11°♑18'44	
direct	-2478 Feb 08 j 20:54	9°♑02'06	
desc. node	-2478 Feb 16 j 07:58	11°♑24'42	
morning max el	-2478 Feb 23 j 00:09	16°♑46'12	27°33'54
	-2478 Mar 05 j 23:05	0°♒	
	-2478 Mar 23 j 17:44	0°♓	
morning set	-2478 Mar 27 j 03:00	6°♓48'49	
max. Earth dist.	-2478 Apr 02 j 09:40	20°♓10'12	1.32561 AU
superior conj	-2478 Apr 03 j 09:24	22°♓19'38	0°-5'-24
minimum elong	-2478 Apr 03 j 09:38	22°♓20'59	0°05'22
behind sun begin	-2478 Apr 03 j 04:52	21°♓54'53	
behind sun end	-2478 Apr 03 j 14:25	22°♓47'05	
asc. node	-2478 Apr 03 j 21:43	23°♓26'56	
	-2478 Apr 06 j 21:44	0°♈	
evening rise	-2478 Apr 10 j 09:05	7°♈26'43	
	-2478 Apr 22 j 06:00	0°♉	
evening max el	-2478 May 07 j 00:34	19°♉32'19	25°12'55
desc. node	-2478 May 15 j 06:57	25°♉24'07	
retrograde	-2478 May 21 j 01:32	26°♉41'20	
evening set	-2478 May 26 j 10:01	25°♉34'54	
min. Earth dist.	-2478 May 31 j 12:37	22°♉46'38	0.57752 AU
inferior conj	-2478 Jun 03 j 15:32	20°♉38'25	-4°-13'-45
minimum elong	-2478 Jun 03 j 11:52	20°♉44'46	4°13'17
morning rise	-2478 Jun 11 j 17:40	16°♉23'43	
direct	-2478 Jun 14 j 05:48	16°♉04'49	
morning max el	-2478 Jun 22 j 21:23	20°♉07'44	18°59'51
	-2478 Jun 30 j 11:50	0°♊	
asc. node	-2478 Jun 30 j 21:04	0°♊37'38	
morning set	-2478 Jul 09 j 13:26	16°♊39'49	
	-2478 Jul 16 j 08:07	0°♋	
superior conj	-2478 Jul 18 j 01:38	3°♋20'24	1°48'33
minimum elong	-2478 Jul 18 j 01:33	3°♋19'57	1°48'36
max. Earth dist.	-2478 Jul 24 j 18:02	15°♋46'51	1.38673 AU
evening rise	-2478 Jul 28 j 16:29	22°♋43'47	
	-2478 Aug 01 j 23:35	0°♌	

desc. node	-2478 Aug 11 j 06:17	14°♌40'14	
	-2478 Aug 22 j 00:55	0°♍	
evening max el	-2478 Sep 02 j 06:22	13°♍17'53	24°33'03
retrograde	-2478 Sep 13 j 14:49	19°♍56'06	
evening set	-2478 Sep 19 j 02:36	17°♍37'17	
min. Earth dist.	-2478 Sep 23 j 19:00	12°♍14'43	0.67266 AU
inferior conj	-2478 Sep 24 j 12:34	11°♍15'59	0°-47'-36
minimum elong	-2478 Sep 24 j 13:43	11°♍12'09	0°47'07
asc. node	-2478 Sep 26 j 20:12	8°♍16'43	
morning rise	-2478 Sep 30 j 01:08	5°♍09'10	
direct	-2478 Oct 03 j 17:12	3°♍51'48	
morning max el	-2478 Oct 11 j 12:35	8°♍23'26	20°16'06
greatest brilliancy	-2478 Oct 18 j 07:35	16°♍38'07	-0.6m
	-2478 Oct 27 j 14:17	0°♎	
desc. node	-2478 Nov 07 j 05:49	16°♎12'52	
morning set	-2478 Nov 07 j 18:23	17°♎01'30	
	-2478 Nov 16 j 01:03	0°♏	
max. Earth dist.	-2478 Nov 18 j 10:55	3°♏50'58	1.43616 AU
superior conj	-2478 Nov 24 j 03:22	13°♏04'52	-1°-35'-12
minimum elong	-2478 Nov 23 j 20:37	12°♏37'11	1°34'41
	-2478 Dec 04 j 04:24	0°♐	
evening rise	-2478 Dec 06 j 23:27	4°♐49'45	
	-2478 Dec 22 j 14:34	0°♑	
asc. node	-2478 Dec 23 j 19:22	1°♑24'06	
evening max el	-2478 Dec 24 j 14:37	2°♑14'57	18°11'18
retrograde	-2478 Dec 31 j 03:20	5°♑43'37	
evening set	-2477 Jan 02 j 21:40	5°♑04'49	
inferior conj	-2477 Jan 09 j 05:31	29°♐47'16	3°52'53
minimum elong	-2477 Jan 09 j 03:54	29°♐51'34	3°52'41
	-2477 Jan 09 j 00:43	30°℞♐	
min. Earth dist.	-2477 Jan 11 j 20:37	27°♐00'28	0.62861 AU
morning rise	-2477 Jan 15 j 08:19	23°♐50'37	
direct	-2477 Jan 22 j 09:14	21°♐09'32	
desc. node	-2477 Feb 03 j 05:02	27°♐01'24	
morning max el	-2477 Feb 05 j 06:06	28°♐56'36	27°43'32
	-2477 Feb 06 j 07:11	0°♑	
	-2477 Feb 27 j 18:52	0°♒	
morning set	-2477 Mar 11 j 04:31	21°♒12'12	
	-2477 Mar 15 j 10:46	0°♓	
max. Earth dist.	-2477 Mar 16 j 17:58	2°♓45'37	1.32986 AU
superior conj	-2477 Mar 18 j 18:34	7°♓06'22	0°-31'-9
minimum elong	-2477 Mar 18 j 20:00	7°♓14'05	0°30'53
asc. node	-2477 Mar 21 j 18:44	13°♓36'51	
evening rise	-2477 Mar 25 j 20:48	22°♓22'10	
	-2477 Mar 29 j 13:58	0°♈	
	-2477 Apr 18 j 09:28	0°♉	
evening max el	-2477 Apr 18 j 15:53	0°♉15'30	23°41'45
retrograde	-2477 May 02 j 08:07	7°♉05'34	
desc. node	-2477 May 02 j 04:00	7°♉05'30	
evening set	-2477 May 06 j 07:29	6°♉30'45	
min. Earth dist.	-2477 May 13 j 02:49	3°♉19'49	0.56130 AU
inferior conj	-2477 May 15 j 07:28	2°♉00'24	-3°-19'-7
minimum elong	-2477 May 15 j 01:05	2°♉10'05	3°17'34
	-2477 May 18 j 19:10	30°℞♈	
morning rise	-2477 May 23 j 22:21	28°♈01'42	
direct	-2477 May 26 j 11:55	27°♈45'03	
	-2477 Jun 02 j 12:49	0°♉	
morning max el	-2477 Jun 05 j 15:36	2°♉27'10	20°01'38
asc. node	-2477 Jun 17 j 18:07	19°♉36'16	
	-2477 Jun 23 j 03:02	0°♊	
morning set	-2477 Jun 23 j 16:38	1°♊08'32	
superior conj	-2477 Jul 01 j 13:47	17°♊09'13	1°43'50
minimum elong	-2477 Jul 01 j 12:07	17°♊00'50	1°43'50
max. Earth dist.	-2477 Jul 06 j 22:11	27°♊36'45	1.36793 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2477 Jul	08 j 04:30	0°♋	
evening rise	-2477 Jul	10 j 21:36	5°♋00'45	
	-2477 Jul	25 j 21:29	0°♌	
desc. node	-2477 Jul	29 j 03:15	4°♌49'28	
evening max el	-2477 Aug	15 j 17:16	26°♌51'04	25°45'41
	-2477 Aug	19 j 06:04	0°♍	
retrograde	-2477 Aug	28 j 00:09	3°♍54'13	
evening set	-2477 Sep	03 j 02:52	1°♍19'12	
	-2477 Sep	04 j 12:13	30°℞♌	
min. Earth dist.	-2477 Sep	07 j 10:42	26°♌33'35	0.66703 AU
inferior conj	-2477 Sep	08 j 15:33	25°♌01'34	-1°-41'-32
minimum elong	-2477 Sep	08 j 17:59	24°♌53'48	1°40'33
asc. node	-2477 Sep	13 j 17:17	19°♌32'20	
morning rise	-2477 Sep	14 j 09:49	19°♌04'03	
direct	-2477 Sep	17 j 15:26	18°♌03'38	
morning max el	-2477 Sep	24 j 17:56	22°♌05'36	19°16'09
	-2477 Oct	01 j 02:58	0°♍	
greatest brilliancy	-2477 Oct	05 j 15:12	6°♍34'40	-0.7m
morning set	-2477 Oct	17 j 22:55	25°♍38'09	
	-2477 Oct	20 j 17:54	0°♎	
desc. node	-2477 Oct	25 j 02:48	6°♎50'36	
max. Earth dist.	-2477 Nov	01 j 02:03	17°♎48'07	1.44611 AU
superior conj	-2477 Nov	03 j 16:32	21°♎55'31	0°-58'-59
minimum elong	-2477 Nov	03 j 09:41	21°♎28'22	0°58'13
	-2477 Nov	08 j 17:50	0°♏	
evening rise	-2477 Nov	18 j 11:46	15°♏53'21	
	-2477 Nov	27 j 01:31	0°♐	
evening max el	-2477 Dec	08 j 02:53	15°♐36'34	18°31'56
asc. node	-2477 Dec	10 j 16:25	17°♐49'41	
retrograde	-2477 Dec	14 j 17:49	19°♐16'57	
evening set	-2477 Dec	17 j 16:42	18°♐28'29	
inferior conj	-2477 Dec	23 j 16:10	12°♐52'13	3°31'13
minimum elong	-2477 Dec	23 j 13:25	13°♐00'15	3°30'37
min. Earth dist.	-2477 Dec	25 j 16:19	10°♐31'11	0.64498 AU
morning rise	-2477 Dec	29 j 08:52	6°♐46'40	
direct	-2476 Jan	05 j 04:57	3°♐55'55	
morning max el	-2476 Jan	18 j 15:19	11°♐39'35	27°17'59
desc. node	-2476 Jan	21 j 02:07	14°♐13'27	
	-2476 Feb	02 j 07:19	0°♑	
	-2476 Feb	20 j 05:50	0°♒	
morning set	-2476 Feb	22 j 21:33	5°♒05'56	
max. Earth dist.	-2476 Feb	27 j 17:56	14°♒50'15	1.33818 AU
superior conj	-2476 Mar	01 j 23:44	21°♒36'28	0°-56'-24
minimum elong	-2476 Mar	02 j 02:15	21°♒49'45	0°56'00
	-2476 Mar	05 j 22:26	0°♓	
asc. node	-2476 Mar	07 j 15:45	3°♓39'28	
evening rise	-2476 Mar	09 j 07:43	7°♓09'53	
	-2476 Mar	21 j 15:31	0°♈	
evening max el	-2476 Mar	30 j 09:50	10°♈57'52	22°07'44
retrograde	-2476 Apr	12 j 03:06	17°♈10'03	
evening set	-2476 Apr	14 j 22:38	16°♈52'31	
desc. node	-2476 Apr	18 j 01:05	15°♈56'02	
min. Earth dist.	-2476 Apr	23 j 16:28	13°♈06'15	0.55210 AU
inferior conj	-2476 Apr	24 j 07:16	12°♈45'21	-1°-43'-31
minimum elong	-2476 Apr	24 j 02:38	12°♈51'53	1°41'59
morning rise	-2476 May	03 j 08:14	8°♈48'42	
direct	-2476 May	06 j 02:42	8°♈31'26	
morning max el	-2476 May	17 j 22:59	14°♈05'08	21°22'36
	-2476 May	29 j 18:20	0°♉	
asc. node	-2476 Jun	03 j 15:09	9°♉02'17	
morning set	-2476 Jun	07 j 00:43	15°♉54'10	
	-2476 Jun	13 j 18:37	0°♊	
superior conj	-2476 Jun	14 j 11:47	1°♊29'13	1°32'33
minimum elong	-2476 Jun	14 j 09:19	1°♊16'26	1°32'22
max. Earth dist.	-2476 Jun	18 j 09:34	9°♊27'51	1.35198 AU
evening rise	-2476 Jun	22 j 21:14	18°♊14'01	
	-2476 Jun	29 j 07:58	0°♋	
desc. node	-2476 Jul	15 j 00:15	24°♋34'38	
	-2476 Jul	19 j 01:46	0°♌	
evening max el	-2476 Jul	28 j 04:35	10°♌21'59	26°43'14
retrograde	-2476 Aug	10 j 04:34	17°♌39'22	
evening set	-2476 Aug	16 j 20:30	14°♌54'26	
min. Earth dist.	-2476 Aug	20 j 20:31	10°♌47'02	0.65790 AU
inferior conj	-2476 Aug	22 j 13:48	8°♌44'00	-2°-33'-17
minimum elong	-2476 Aug	22 j 17:19	8°♌33'30	2°32'03
morning rise	-2476 Aug	28 j 15:17	2°♌58'49	
asc. node	-2476 Aug	30 j 14:21	2°♌16'43	
direct	-2476 Aug	31 j 12:49	2°♌11'48	
morning max el	-2476 Sep	07 j 05:00	5°♌53'01	18°31'48
	-2476 Sep	23 j 18:36	0°♍	
morning set	-2476 Sep	27 j 03:44	5°♍27'58	
desc. node	-2476 Oct	10 j 23:46	27°♍33'36	
superior conj	-2476 Oct	12 j 16:20	0°♎13'34	0°-10'-51
minimum elong	-2476 Oct	12 j 14:53	0°♎07'53	0°10'40
behind sun begin	-2476 Oct	12 j 06:13	29°♍33'43	
behind sun end	-2476 Oct	12 j 23:34	0°♎42'03	
	-2476 Oct	12 j 12:53	0°♎	
max. Earth dist.	-2476 Oct	13 j 19:46	2°♎01'38	1.44902 AU
evening rise	-2476 Oct	28 j 23:38	25°♎54'23	
	-2476 Oct	31 j 13:43	0°♏	
evening max el	-2476 Nov	20 j 12:43	29°♏02'05	19°10'03
	-2476 Nov	21 j 12:18	0°♐	
asc. node	-2476 Nov	26 j 13:29	2°♐57'46	
retrograde	-2476 Nov	27 j 13:01	3°♐03'11	
evening set	-2476 Nov	30 j 18:14	2°♐03'05	
	-2476 Dec	03 j 05:31	30°℞♏	
inferior conj	-2476 Dec	06 j 11:28	26°♏11'01	2°57'47
minimum elong	-2476 Dec	06 j 08:26	26°♏20'35	2°56'53
min. Earth dist.	-2476 Dec	07 j 21:13	24°♏24'16	0.65775 AU
morning rise	-2476 Dec	11 j 21:44	19°♏59'24	
direct	-2476 Dec	18 j 07:03	17°♏12'46	
morning max el	-2476 Dec	31 j 00:53	24°♏41'44	26°23'24
	-2475 Jan	04 j 20:55	0°♐	
desc. node	-2475 Jan	06 j 23:10	2°♐32'38	
	-2475 Jan	25 j 17:37	0°♑	
morning set	-2475 Feb	05 j 02:21	18°♑18'10	
max. Earth dist.	-2475 Feb	09 j 06:23	26°♑18'50	1.35093 AU
	-2475 Feb	11 j 02:57	0°♒	
superior conj	-2475 Feb	13 j 22:39	5°♒43'05	-1°-19'-51
minimum elong	-2475 Feb	14 j 01:55	5°♒59'49	1°19'26
evening rise	-2475 Feb	21 j 15:59	21°♒43'53	
asc. node	-2475 Feb	22 j 12:47	23°♒30'27	
	-2475 Feb	25 j 18:48	0°♓	
evening max el	-2475 Mar	12 j 12:27	22°♓05'47	20°43'05
retrograde	-2475 Mar	23 j 16:27	27°♓26'05	
evening set	-2475 Mar	25 j 23:18	27°♓13'35	
inferior conj	-2475 Apr	04 j 02:25	23°♓16'14	0°13'53
minimum elong	-2475 Apr	04 j 03:03	23°♓15'19	0°13'38
transit middle	-2475 Apr	04 j 03:03	23°♓15'19	0°13'38
transit begin	-2475 Apr	04 j 00:58	23°♓18'18	
transit end	-2475 Apr	04 j 05:08	23°♓12'19	
desc. node	-2475 Apr	04 j 22:11	22°♓47'45	
min. Earth dist.	-2475 Apr	05 j 06:36	22°♓35'41	0.55214 AU
morning rise	-2475 Apr	13 j 05:15	19°♓03'16	
direct	-2475 Apr	16 j 14:41	18°♓38'14	
morning max el	-2475 Apr	29 j 20:23	25°♓04'06	22°57'47
	-2475 May	04 j 09:33	0°♈	
asc. node	-2475 May	21 j 12:10	28°♈48'39	
morning set	-2475 May	22 j 11:45	0°♉51'04	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2475 May 22 j 01:57	0°♉	
superior conj	-2475 May 29 j 16:31	16°♉10'53	1°16'19
minimum elong	-2475 May 29 j 13:55	15°♉57'05	1°15'59
max. Earth dist.	-2475 Jun 01 j 06:59	21°♉40'45	1.33976 AU
	-2475 Jun 05 j 08:26	0°♊	
evening rise	-2475 Jun 06 j 10:32	2°♊09'45	
	-2475 Jun 22 j 05:16	0°♋	
desc. node	-2475 Jul 01 j 21:18	13°♋45'27	
evening max el	-2475 Jul 10 j 16:05	23°♋42'13	27°17'58
	-2475 Jul 19 j 09:56	0°♌	
retrograde	-2475 Jul 24 j 03:32	1°♌04'09	
	-2475 Jul 28 j 13:42	30°℞♋	
evening set	-2475 Jul 31 j 04:49	28°♋19'09	
min. Earth dist.	-2475 Aug 03 j 22:18	24°♋48'33	0.64508 AU
inferior conj	-2475 Aug 06 j 05:01	22°♋19'22	-3°-20'-23
minimum elong	-2475 Aug 06 j 09:08	22°♋08'06	3°19'12
morning rise	-2475 Aug 12 j 15:07	16°♋49'45	
direct	-2475 Aug 15 j 07:05	16°♋12'42	
asc. node	-2475 Aug 17 j 11:25	16°♋37'31	
morning max el	-2475 Aug 21 j 19:25	19°♋41'25	18°04'25
	-2475 Aug 29 j 11:55	0°♌	
morning set	-2475 Sep 08 j 12:24	16°♌38'51	
	-2475 Sep 16 j 12:05	0°♍	
superior conj	-2475 Sep 22 j 01:14	9°♍02'31	0°36'58
minimum elong	-2475 Sep 22 j 05:22	9°♍19'09	0°36'28
max. Earth dist.	-2475 Sep 26 j 13:31	16°♍15'28	1.44468 AU
desc. node	-2475 Sep 27 j 20:45	18°♍19'08	
	-2475 Oct 05 j 07:45	0°♎	
evening rise	-2475 Oct 08 j 13:44	5°♎02'04	
	-2475 Oct 25 j 01:40	0°♏	
greatest brilliancy	-2475 Oct 27 j 16:49	3°♏43'51	-0.6m
evening max el	-2475 Nov 03 j 18:09	12°♏29'08	20°03'49
retrograde	-2475 Nov 11 j 10:11	16°♏58'41	
asc. node	-2475 Nov 13 j 10:33	16°♏35'14	
evening set	-2475 Nov 14 j 23:51	15°♏44'30	
inferior conj	-2475 Nov 20 j 12:41	9°♏39'43	2°16'05
minimum elong	-2475 Nov 20 j 09:59	9°♏48'41	2°15'07
min. Earth dist.	-2475 Nov 21 j 09:28	8°♏30'27	0.66688 AU
morning rise	-2475 Nov 25 j 19:32	3°♏24'29	
direct	-2475 Dec 01 j 14:41	0°♏52'17	
morning max el	-2475 Dec 13 j 09:31	7°♏52'31	25°08'27
desc. node	-2475 Dec 24 j 20:12	21°♏39'12	
	-2475 Dec 30 j 18:14	0°♐	
	-2474 Jan 18 j 06:19	0°♑	
morning set	-2474 Jan 18 j 13:45	0°♑33'12	
max. Earth dist.	-2474 Jan 22 j 07:40	7°♑23'44	1.36809 AU
superior conj	-2474 Jan 28 j 12:20	19°♑16'54	-1°-39'-39
minimum elong	-2474 Jan 28 j 15:39	19°♑33'18	1°39'24
	-2474 Feb 02 j 20:45	0°♒	
evening rise	-2474 Feb 05 j 19:28	5°♒57'03	
asc. node	-2474 Feb 09 j 09:50	13°♒03'55	
	-2474 Feb 19 j 15:51	0°♓	
evening max el	-2474 Feb 23 j 01:48	3°♓48'57	19°34'45
retrograde	-2474 Mar 04 j 12:52	8°♓19'30	
evening set	-2474 Mar 06 j 19:03	8°♓05'16	
inferior conj	-2474 Mar 15 j 06:51	4°♓00'34	2°00'15
minimum elong	-2474 Mar 15 j 11:15	3°♓53'31	1°58'53
min. Earth dist.	-2474 Mar 17 j 21:05	2°♓21'30	0.56138 AU
	-2474 Mar 22 j 05:08	30°℞♒	
desc. node	-2474 Mar 22 j 19:17	29°♒45'01	
morning rise	-2474 Mar 23 j 23:55	29°♒18'43	
direct	-2474 Mar 28 j 11:08	28°♒33'48	
	-2474 Apr 03 j 14:58	0°♓	
morning max el	-2474 Apr 11 j 11:45	5°♓38'43	24°37'25
	-2474 Apr 28 j 22:07	0°♈	
morning set	-2474 May 06 j 23:53	15°♈52'12	
asc. node	-2474 May 08 j 09:13	18°♈48'35	
	-2474 May 13 j 13:28	0°♉	
superior conj	-2474 May 14 j 01:27	1°♉05'01	0°56'24
minimum elong	-2474 May 13 j 23:15	0°♉53'04	0°56'01
max. Earth dist.	-2474 May 15 j 13:08	4°♉17'53	1.33129 AU
evening rise	-2474 May 21 j 09:22	16°♉34'16	
	-2474 May 28 j 08:04	0°♊	
	-2474 Jun 16 j 23:18	0°♋	
desc. node	-2474 Jun 18 j 18:22	2°♋06'30	
evening max el	-2474 Jun 23 j 01:38	6°♋37'46	27°23'40
retrograde	-2474 Jul 06 j 20:09	13°♋58'52	
evening set	-2474 Jul 14 j 00:14	11°♋26'31	
min. Earth dist.	-2474 Jul 17 j 14:17	8°♋26'38	0.62861 AU
inferior conj	-2474 Jul 20 j 10:21	5°♋40'32	-3°-59'-13
minimum elong	-2474 Jul 20 j 14:10	5°♋31'12	3°58'28
morning rise	-2474 Jul 27 j 06:20	0°♋29'50	
direct	-2474 Jul 29 j 19:05	29°♊59'59	
	-2474 Jul 29 j 18:40	30°℞♊	
	-2474 Jul 29 j 19:31	0°♋	
asc. node	-2474 Aug 04 j 08:29	2°♋24'48	
morning max el	-2474 Aug 05 j 10:32	3°♋24'31	17°55'03
morning set	-2474 Aug 21 j 20:22	28°♋56'32	
	-2474 Aug 22 j 10:42	0°♌	
superior conj	-2474 Sep 02 j 11:01	19°♌06'00	1°14'06
minimum elong	-2474 Sep 02 j 16:28	19°♌28'55	1°13'33
max. Earth dist.	-2474 Sep 09 j 04:31	0°♍12'22	1.43360 AU
	-2474 Sep 09 j 01:28	0°♍	
desc. node	-2474 Sep 14 j 17:46	9°♍04'03	
evening rise	-2474 Sep 17 j 18:55	13°♍50'02	
	-2474 Sep 28 j 10:12	0°♎	
greatest brilliancy	-2474 Oct 12 j 10:02	19°♎43'41	-0.5m
evening max el	-2474 Oct 17 j 17:49	25°♎56'20	21°10'41
	-2474 Oct 22 j 18:18	0°♏	
retrograde	-2474 Oct 26 j 07:14	1°♏00'50	
	-2474 Oct 29 j 14:16	30°℞♎	
evening set	-2474 Oct 30 j 07:30	29°♎30'09	
asc. node	-2474 Oct 31 j 07:37	28°♎38'46	
inferior conj	-2474 Nov 04 j 17:35	23°♎15'54	1°28'38
minimum elong	-2474 Nov 04 j 15:39	23°♎22'31	1°27'51
min. Earth dist.	-2474 Nov 05 j 02:49	22°♎44'13	0.67255 AU
morning rise	-2474 Nov 09 j 23:28	16°♎59'30	
direct	-2474 Nov 15 j 03:11	14°♎47'37	
morning max el	-2474 Nov 25 j 18:21	21°♎07'56	23°43'07
	-2474 Dec 03 j 09:38	0°♏	
desc. node	-2474 Dec 11 j 17:15	11°♏19'40	
	-2474 Dec 24 j 00:52	0°♐	
morning set	-2474 Dec 31 j 01:37	11°♐35'10	
max. Earth dist.	-2473 Jan 04 j 03:30	18°♐38'49	1.38834 AU
	-2473 Jan 10 j 09:40	0°♑	
superior conj	-2473 Jan 11 j 12:57	2°♑07'46	-1°-53'-20
minimum elong	-2473 Jan 11 j 15:09	2°♑18'07	1°53'19
evening rise	-2473 Jan 20 j 15:42	19°♑43'04	
	-2473 Jan 26 j 01:17	0°♒	
asc. node	-2473 Jan 27 j 06:53	2°♒13'42	
evening max el	-2473 Feb 06 j 00:57	16°♒06'37	18°45'44
retrograde	-2473 Feb 14 j 02:29	20°♒00'46	
evening set	-2473 Feb 16 j 11:50	19°♒41'31	
inferior conj	-2473 Feb 24 j 06:00	15°♒18'59	3°13'15
minimum elong	-2473 Feb 24 j 10:17	15°♒11'01	3°12'21
min. Earth dist.	-2473 Feb 27 j 13:25	12°♒52'36	0.57760 AU
morning rise	-2473 Mar 04 j 04:53	10°♒07'03	
direct	-2473 Mar 09 j 20:24	8°♒49'05	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

desc. node	-2473 Mar 09 j 16:22	8°♒49'09	
morning max el	-2473 Mar 24 j 03:27	16°♒17'17	26°07'02
	-2473 Apr 04 j 07:23	0°♓	
morning set	-2473 Apr 21 j 11:30	0°♈51'42	
	-2473 Apr 21 j 01:36	0°♈	
asc. node	-2473 Apr 25 j 06:16	8°♈57'05	
superior conj	-2473 Apr 28 j 12:38	16°♈05'03	0°33'45
minimum elong	-2473 Apr 28 j 11:12	15°♈57'11	0°33'28
max. Earth dist.	-2473 Apr 29 j 00:43	17°♈11'07	1.32633 AU
	-2473 May 04 j 23:47	0°♉	
evening rise	-2473 May 05 j 14:39	1°♉17'28	
	-2473 May 21 j 08:55	0°♊	
evening max el	-2473 Jun 05 j 06:29	18°♊55'52	26°56'43
desc. node	-2473 Jun 05 j 15:25	19°♊16'58	
retrograde	-2473 Jun 19 j 05:41	26°♊14'56	
evening set	-2473 Jun 26 j 02:35	24°♊08'57	
min. Earth dist.	-2473 Jun 29 j 20:03	21°♊27'16	0.60922 AU
inferior conj	-2473 Jul 03 j 02:27	18°♊39'19	-4°-24'-10
minimum elong	-2473 Jul 03 j 04:30	18°♊34'53	4°23'58
morning rise	-2473 Jul 10 j 09:26	13°♊50'24	
direct	-2473 Jul 12 j 20:57	13°♊25'49	
morning max el	-2473 Jul 19 j 23:31	16°♊55'38	18°04'31
asc. node	-2473 Jul 22 j 05:33	19°♊23'37	
	-2473 Jul 29 j 05:58	0°♋	
morning set	-2473 Aug 04 j 21:49	12°♋04'38	
	-2473 Aug 14 j 17:11	0°♌	
superior conj	-2473 Aug 15 j 00:04	0°♌30'31	1°37'10
minimum elong	-2473 Aug 15 j 03:44	0°♌46'48	1°36'57
max. Earth dist.	-2473 Aug 22 j 13:56	13°♌33'24	1.41729 AU
evening rise	-2473 Aug 28 j 10:10	23°♌07'08	
desc. node	-2473 Sep 01 j 14:45	29°♌44'32	
	-2473 Sep 01 j 18:44	0°♍	
	-2473 Sep 22 j 12:30	0°♎	
greatest brilliancy	-2473 Sep 25 j 17:21	4°♎02'18	-0.3m
evening max el	-2473 Sep 30 j 11:26	9°♎22'50	22°27'00
retrograde	-2473 Oct 10 j 02:28	15°♎06'10	
evening set	-2473 Oct 14 j 15:21	13°♎17'03	
asc. node	-2473 Oct 18 j 04:41	9°♎24'39	
inferior conj	-2473 Oct 20 j 00:11	6°♎56'59	0°37'16
minimum elong	-2473 Oct 19 j 23:20	6°♎59'57	0°36'54
min. Earth dist.	-2473 Oct 19 j 22:53	7°♎01'30	0.67498 AU
morning rise	-2473 Oct 25 j 07:12	0°♎41'54	
	-2473 Oct 26 j 06:05	30°℞♍	
direct	-2473 Oct 29 j 19:48	28°♍52'15	
	-2473 Nov 02 j 17:10	0°♎	
morning max el	-2473 Nov 08 j 06:10	4°♎27'57	22°16'42
greatest brilliancy	-2473 Nov 12 j 22:50	9°♎45'32	-0.3m
	-2473 Nov 27 j 15:41	0°♏	
desc. node	-2473 Nov 28 j 14:15	1°♏23'46	
morning set	-2473 Dec 11 j 08:54	21°♏13'04	
	-2473 Dec 16 j 16:52	0°♐	
max. Earth dist.	-2473 Dec 17 j 01:15	0°♐35'12	1.40915 AU
superior conj	-2473 Dec 24 j 19:28	14°♐02'20	-1°-57'-33
minimum elong	-2473 Dec 24 j 18:54	13°♐59'47	1°57'37
	-2472 Jan 02 j 12:19	0°♑	
evening rise	-2472 Jan 04 j 01:31	2°♑54'01	
asc. node	-2472 Jan 14 j 03:55	20°♑51'37	
evening max el	-2472 Jan 20 j 07:25	28°♑51'46	18°16'52
	-2472 Jan 21 j 13:49	0°♒	
retrograde	-2472 Jan 27 j 10:31	2°♒25'12	
evening set	-2472 Jan 29 j 23:16	1°♒59'16	
	-2472 Feb 02 j 16:05	30°℞♑	
inferior conj	-2472 Feb 06 j 01:48	27°♑15'28	3°50'11
minimum elong	-2472 Feb 06 j 03:43	27°♑11'17	3°49'58
min. Earth dist.	-2472 Feb 09 j 10:25	24°♑22'20	0.59750 AU
morning rise	-2472 Feb 13 j 04:56	21°♑40'32	
direct	-2472 Feb 19 j 18:04	19°♑43'47	
desc. node	-2472 Feb 24 j 13:26	20°♑42'56	
morning max el	-2472 Mar 05 j 00:14	27°♑24'48	27°11'53
	-2472 Mar 07 j 12:11	0°♒	
	-2472 Mar 27 j 19:58	0°♓	
morning set	-2472 Apr 04 j 20:48	15°♓43'04	
asc. node	-2472 Apr 11 j 03:19	29°♓09'35	
max. Earth dist.	-2472 Apr 11 j 13:57	0°♈07'42	1.32477 AU
	-2472 Apr 11 j 12:32	0°♈	
superior conj	-2472 Apr 12 j 00:22	1°♈04'45	0°09'14
minimum elong	-2472 Apr 11 j 23:57	1°♈02'29	0°09'09
behind sun begin	-2472 Apr 11 j 19:50	0°♈39'59	
behind sun end	-2472 Apr 12 j 04:03	1°♈25'00	
evening rise	-2472 Apr 18 j 23:58	16°♈11'01	
	-2472 Apr 25 j 22:29	0°♉	
	-2472 May 16 j 16:16	0°♊	
evening max el	-2472 May 17 j 04:54	0°♊30'39	25°58'17
desc. node	-2472 May 22 j 12:27	4°♊48'07	
retrograde	-2472 May 31 j 06:50	7°♊45'59	
evening set	-2472 Jun 06 j 07:55	6°♊17'03	
min. Earth dist.	-2472 Jun 10 j 17:27	3°♊36'03	0.58864 AU
inferior conj	-2472 Jun 14 j 01:42	1°♊06'49	-4°-26'-46
minimum elong	-2472 Jun 14 j 00:22	1°♊09'21	4°26'40
	-2472 Jun 15 j 14:03	30°℞♉	
morning rise	-2472 Jun 21 j 20:38	26°♉40'29	
direct	-2472 Jun 24 j 08:11	26°♉19'55	
	-2472 Jul 02 j 04:31	0°♊	
morning max el	-2472 Jul 02 j 07:29	0°♊06'57	18°33'48
asc. node	-2472 Jul 08 j 02:37	7°♊19'13	
morning set	-2472 Jul 18 j 12:04	25°♊51'32	
	-2472 Jul 20 j 15:28	0°♋	
superior conj	-2472 Jul 27 j 11:50	13°♋03'54	1°47'26
minimum elong	-2472 Jul 27 j 13:00	13°♋09'21	1°47'28
max. Earth dist.	-2472 Aug 03 j 17:43	26°♋09'51	1.39805 AU
	-2472 Aug 05 j 22:56	0°♌	
evening rise	-2472 Aug 08 j 00:49	3°♌31'26	
desc. node	-2472 Aug 18 j 11:45	20°♌17'07	
	-2472 Aug 25 j 00:31	0°♍	
evening max el	-2472 Sep 12 j 00:35	22°♍51'22	23°47'29
retrograde	-2472 Sep 22 j 18:38	29°♍11'55	
evening set	-2472 Sep 27 j 21:41	27°♍03'47	
inferior conj	-2472 Oct 03 j 06:47	20°♍41'37	0°-16'-18
minimum elong	-2472 Oct 03 j 07:10	20°♍40'18	0°16'09
transit middle	-2472 Oct 03 j 07:10	20°♍40'18	0°16'09
transit begin	-2472 Oct 03 j 06:47	20°♍41'38	
transit end	-2472 Oct 03 j 07:34	20°♍38'58	
min. Earth dist.	-2472 Oct 02 j 19:15	21°♍20'56	0.67439 AU
asc. node	-2472 Oct 04 j 01:44	19°♍37'21	
morning rise	-2472 Oct 08 j 16:49	14°♍30'45	
direct	-2472 Oct 12 j 15:46	13°♍02'19	
morning max el	-2472 Oct 20 j 23:59	17°♍55'44	20°56'48
greatest brilliancy	-2472 Oct 26 j 17:22	24°♍38'37	-0.5m
	-2472 Oct 30 j 16:54	0°♎	
desc. node	-2472 Nov 14 j 11:15	21°♎44'49	
morning set	-2472 Nov 19 j 14:30	29°♎40'50	
	-2472 Nov 19 j 19:24	0°♏	
max. Earth dist.	-2472 Nov 28 j 05:31	13°♏24'48	1.42762 AU
superior conj	-2472 Dec 05 j 02:20	24°♏47'56	-1°-48'-11
minimum elong	-2472 Dec 04 j 21:40	24°♏28'12	1°47'58
	-2472 Dec 08 j 03:30	0°♐	
evening rise	-2472 Dec 16 j 21:09	15°♐22'10	
	-2472 Dec 25 j 05:14	0°♑	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2472 Dec 31 j 00:57	8°♉48'12	
evening max el	-2471 Jan 02 j 18:25	11°♉57'01	18°07'50
retrograde	-2471 Jan 09 j 09:41	15°♉23'44	
evening set	-2471 Jan 12 j 01:49	14°♉49'59	
inferior conj	-2471 Jan 18 j 15:42	9°♉44'39	3°58'08
minimum elong	-2471 Jan 18 j 15:09	9°♉46'00	3°58'03
min. Earth dist.	-2471 Jan 21 j 14:53	6°♉49'12	0.61780 AU
morning rise	-2471 Jan 25 j 02:08	3°♉54'28	
direct	-2471 Feb 01 j 02:02	1°♉25'19	
desc. node	-2471 Feb 10 j 10:30	5°♉08'35	
morning max el	-2471 Feb 15 j 03:07	9°♉12'13	27°42'28
	-2471 Mar 03 j 05:41	0°♒	
	-2471 Mar 19 j 22:06	0°♓	
morning set	-2471 Mar 20 j 01:48	0°♓18'49	
max. Earth dist.	-2471 Mar 26 j 00:58	12°♓53'43	1.32685 AU
superior conj	-2471 Mar 27 j 10:57	15°♓58'00	0°-16'-20
minimum elong	-2471 Mar 27 j 11:42	16°♓02'04	0°16'11
asc. node	-2471 Mar 29 j 00:20	19°♓21'33	
	-2471 Apr 02 j 22:34	0°♈	
evening rise	-2471 Apr 03 j 11:20	1°♈07'30	
	-2471 Apr 19 j 10:45	0°♉	
evening max el	-2471 Apr 28 j 21:46	11°♉27'29	24°35'33
desc. node	-2471 May 09 j 09:31	18°♉03'04	
retrograde	-2471 May 12 j 20:58	18°♉30'56	
evening set	-2471 May 17 j 15:14	17°♉39'42	
min. Earth dist.	-2471 May 23 j 09:41	14°♉43'00	0.56984 AU
inferior conj	-2471 May 26 j 05:11	12°♉53'47	-3°-55'-54
minimum elong	-2471 May 25 j 23:59	13°♉02'15	3°54'59
morning rise	-2471 Jun 03 j 12:45	8°♉46'54	
direct	-2471 Jun 06 j 01:07	8°♉29'17	
morning max el	-2471 Jun 15 j 07:24	12°♉47'39	19°23'40
asc. node	-2471 Jun 24 j 23:41	25°♉57'46	
	-2471 Jun 27 j 05:49	0°♊	
morning set	-2471 Jul 02 j 11:23	10°♊06'58	
superior conj	-2471 Jul 10 j 16:30	26°♊28'53	1°47'28
minimum elong	-2471 Jul 10 j 15:39	26°♊24'40	1°47'32
	-2471 Jul 12 j 12:01	0°♋	
max. Earth dist.	-2471 Jul 16 j 19:52	8°♋09'35	1.37846 AU
evening rise	-2471 Jul 20 j 16:59	15°♋09'55	
	-2471 Jul 29 j 12:14	0°♌	
desc. node	-2471 Aug 05 j 08:45	10°♌36'27	
	-2471 Aug 19 j 16:06	0°♍	
evening max el	-2471 Aug 25 j 11:47	6°♍23'27	25°05'17
retrograde	-2471 Sep 06 j 06:37	13°♍13'48	
evening set	-2471 Sep 12 j 00:42	10°♍47'50	
min. Earth dist.	-2471 Sep 16 j 13:27	5°♍40'24	0.67069 AU
inferior conj	-2471 Sep 17 j 11:37	4°♍27'32	-1°-10'-35
minimum elong	-2471 Sep 17 j 13:19	4°♍21'56	1°09'53
asc. node	-2471 Sep 20 j 22:48	0°♍14'59	
	-2471 Sep 21 j 04:42	30°℞♌	
morning rise	-2471 Sep 23 j 02:23	28°♌23'58	
direct	-2471 Sep 26 j 13:43	27°♌14'10	
	-2471 Oct 02 j 10:02	0°♍	
morning max el	-2471 Oct 04 j 01:08	1°♍32'18	19°48'39
greatest brilliancy	-2471 Oct 11 j 23:02	11°♍26'55	-0.6m
	-2471 Oct 24 j 09:27	0°♎	
morning set	-2471 Oct 29 j 12:17	7°♎53'37	
desc. node	-2471 Nov 01 j 08:16	12°♎17'30	
max. Earth dist.	-2471 Nov 10 j 17:08	27°♎01'31	1.44124 AU
	-2471 Nov 12 j 13:52	0°♏	
superior conj	-2471 Nov 15 j 05:58	4°♏17'39	-1°-21'-50
minimum elong	-2471 Nov 14 j 22:28	3°♏47'24	1°21'08
evening rise	-2471 Nov 28 j 22:08	26°♏58'46	
	-2471 Nov 30 j 16:47	0°♐	
evening max el	-2471 Dec 17 j 07:04	25°♐14'57	18°17'56
asc. node	-2471 Dec 17 j 21:58	25°♐51'22	
retrograde	-2471 Dec 23 j 19:42	28°♐47'04	
evening set	-2471 Dec 26 j 15:51	28°♐04'18	
inferior conj	-2470 Jan 01 j 19:52	22°♐38'42	3°45'23
minimum elong	-2470 Jan 01 j 17:39	22°♐44'50	3°45'00
min. Earth dist.	-2470 Jan 04 j 04:45	20°♐01'19	0.63603 AU
morning rise	-2470 Jan 07 j 17:54	16°♐38'09	
direct	-2470 Jan 14 j 17:53	13°♐50'50	
desc. node	-2470 Jan 28 j 07:34	21°♐29'50	
morning max el	-2470 Jan 28 j 10:34	21°♐37'15	27°36'37
	-2470 Feb 04 j 19:18	0°♑	
	-2470 Feb 24 j 07:50	0°♒	
morning set	-2470 Mar 04 j 00:05	14°♒30'58	
max. Earth dist.	-2470 Mar 09 j 06:03	25°♒16'49	1.33285 AU
	-2470 Mar 11 j 11:25	0°♓	
superior conj	-2470 Mar 11 j 18:42	0°♓38'56	0°-42'00
minimum elong	-2470 Mar 11 j 20:37	0°♓49'10	0°41'39
asc. node	-2470 Mar 15 j 21:21	9°♓29'10	
evening rise	-2470 Mar 18 j 22:57	16°♓00'47	
	-2470 Mar 25 j 23:50	0°♈	
evening max el	-2470 Apr 10 j 13:35	22°♈07'31	23°01'23
retrograde	-2470 Apr 23 j 21:55	28°♈43'04	
desc. node	-2470 Apr 26 j 06:34	28°♈30'46	
evening set	-2470 Apr 27 j 07:58	28°♈17'32	
min. Earth dist.	-2470 May 04 j 23:33	24°♈53'25	0.55636 AU
inferior conj	-2470 May 06 j 13:21	23°♈58'32	-2°-43'-3
minimum elong	-2470 May 06 j 07:05	24°♈07'41	2°41'14
morning rise	-2470 May 15 j 09:04	20°♈02'25	
direct	-2470 May 18 j 00:07	19°♈45'55	
morning max el	-2470 May 28 j 20:58	24°♈49'14	20°33'53
	-2470 Jun 02 j 12:19	0°♉	
asc. node	-2470 Jun 11 j 20:44	15°♉08'59	
morning set	-2470 Jun 16 j 16:56	24°♉43'29	
	-2470 Jun 19 j 06:30	0°♊	
superior conj	-2470 Jun 24 j 09:17	10°♊31'46	1°39'45
minimum elong	-2470 Jun 24 j 07:11	10°♊21'05	1°39'40
max. Earth dist.	-2470 Jun 29 j 02:44	19°♊57'17	1.36077 AU
evening rise	-2470 Jul 03 j 06:39	27°♊52'30	
	-2470 Jul 04 j 10:20	0°♋	
	-2470 Jul 22 j 19:39	0°♌	
desc. node	-2470 Jul 23 j 05:45	0°♌36'16	
evening max el	-2470 Aug 07 j 23:03	19°♌57'11	26°12'30
retrograde	-2470 Aug 20 j 13:47	27°♌06'52	
evening set	-2470 Aug 26 j 22:25	24°♌26'58	
min. Earth dist.	-2470 Aug 31 j 02:58	19°♌57'25	0.66363 AU
inferior conj	-2470 Sep 01 j 12:51	18°♌12'10	-2°-3'-52
minimum elong	-2470 Sep 01 j 15:47	18°♌03'02	2°02'44
morning rise	-2470 Sep 07 j 10:00	12°♌19'19	
asc. node	-2470 Sep 07 j 19:53	12°♌05'45	
direct	-2470 Sep 10 j 11:59	11°♌24'51	
morning max el	-2470 Sep 17 j 09:07	15°♌16'39	18°55'13
	-2470 Sep 28 j 06:31	0°♍	
morning set	-2470 Oct 09 j 01:57	16°♍58'33	
	-2470 Oct 17 j 08:05	0°♎	
desc. node	-2470 Oct 19 j 05:14	2°♎57'41	
max. Earth dist.	-2470 Oct 24 j 10:11	11°♎09'24	1.44832 AU
superior conj	-2470 Oct 25 j 11:04	12°♎47'26	0°-39'-22
minimum elong	-2470 Oct 25 j 06:02	12°♎27'35	0°38'46
	-2470 Nov 05 j 07:02	0°♏	
evening rise	-2470 Nov 10 j 00:14	7°♏35'56	
	-2470 Nov 24 j 02:15	0°♐	
evening max el	-2470 Nov 30 j 18:39	8°♐38'53	18°46'07
asc. node	-2470 Dec 04 j 19:02	11°♐45'59	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

retrograde	-2470 Dec 07 j 12:33	12°♐26'43	
evening set	-2470 Dec 10 j 14:01	11°♐33'23	
inferior conj	-2470 Dec 16 j 10:33	5°♐49'56	3°18'11
minimum elong	-2470 Dec 16 j 07:37	5°♐58'53	3°17'27
min. Earth dist.	-2470 Dec 18 j 04:22	3°♐43'07	0.65091 AU
	-2470 Dec 21 j 15:52	30°℞♏	
morning rise	-2470 Dec 22 j 00:09	29°♏41'45	
direct	-2470 Dec 28 j 16:16	26°♏51'29	
	-2469 Jan 05 j 15:43	0°♐	
morning max el	-2469 Jan 10 j 20:08	4°♐29'30	26°57'52
desc. node	-2469 Jan 15 j 04:37	9°♐13'04	
	-2469 Jan 30 j 07:26	0°♑	
morning set	-2469 Feb 15 j 12:25	28°♑08'11	
	-2469 Feb 16 j 11:32	0°♒	
max. Earth dist.	-2469 Feb 20 j 01:33	7°♒06'42	1.34312 AU
superior conj	-2469 Feb 23 j 21:30	14°♒59'46	-1°-6'-40
minimum elong	-2469 Feb 24 j 00:24	15°♒14'53	1°06'14
asc. node	-2469 Mar 02 j 18:23	29°♒27'20	
evening rise	-2469 Mar 03 j 08:59	0°♓43'27	
	-2469 Mar 03 j 00:38	0°♓	
	-2469 Mar 20 j 15:36	0°♈	
evening max el	-2469 Mar 23 j 10:38	2°♈57'40	21°29'58
retrograde	-2469 Apr 04 j 12:52	8°♈48'24	
evening set	-2469 Apr 07 j 01:25	8°♈33'56	
desc. node	-2469 Apr 13 j 03:39	6°♈18'49	
inferior conj	-2469 Apr 16 j 09:20	4°♈33'03	0°-54'-26
minimum elong	-2469 Apr 16 j 06:47	4°♈36'38	0°53'33
min. Earth dist.	-2469 Apr 16 j 12:56	4°♈28'00	0.55100 AU
morning rise	-2469 Apr 25 j 12:29	0°♈32'03	
direct	-2469 Apr 28 j 12:05	0°♈12'34	
morning max el	-2469 May 10 j 23:41	6°♈08'32	22°01'54
	-2469 May 27 j 08:01	0°♉	
asc. node	-2469 May 29 j 17:47	4°♉44'14	
morning set	-2469 Jun 01 j 02:31	9°♉34'23	
superior conj	-2469 Jun 08 j 10:27	25°♉01'30	1°26'11
minimum elong	-2469 Jun 08 j 07:52	24°♉47'54	1°25'55
	-2469 Jun 10 j 19:49	0°♊	
max. Earth dist.	-2469 Jun 11 j 18:35	1°♊56'56	1.34631 AU
evening rise	-2469 Jun 16 j 12:37	11°♊24'45	
	-2469 Jun 26 j 19:39	0°♋	
desc. node	-2469 Jul 10 j 02:47	20°♋08'08	
	-2469 Jul 18 j 03:22	0°♌	
evening max el	-2469 Jul 21 j 10:39	3°♌24'51	27°01'13
retrograde	-2469 Aug 03 j 15:46	10°♌44'33	
evening set	-2469 Aug 10 j 12:29	7°♌58'03	
min. Earth dist.	-2469 Aug 14 j 09:29	4°♌06'59	0.65291 AU
inferior conj	-2469 Aug 16 j 08:26	1°♌52'05	-2°-54'-2
minimum elong	-2469 Aug 16 j 12:17	1°♌40'58	2°52'46
	-2469 Aug 18 j 00:18	30°℞♋	
morning rise	-2469 Aug 22 j 13:25	26°♋13'17	
direct	-2469 Aug 25 j 08:23	25°♋30'49	
asc. node	-2469 Aug 25 j 16:59	25°♋31'31	
morning max el	-2469 Aug 31 j 21:59	29°♋05'21	18°18'08
	-2469 Sep 01 j 18:40	0°♌	
morning set	-2469 Sep 19 j 18:59	27°♌24'33	
	-2469 Sep 21 j 08:49	0°♍	
superior conj	-2469 Oct 04 j 12:05	21°♍11'21	0°10'14
minimum elong	-2469 Oct 04 j 13:23	21°♍16'32	0°10'05
behind sun begin	-2469 Oct 04 j 04:36	20°♍41'38	
behind sun end	-2469 Oct 04 j 22:11	21°♍51'24	
desc. node	-2469 Oct 06 j 02:14	23°♍42'21	
max. Earth dist.	-2469 Oct 07 j 04:58	25°♍27'56	1.44805 AU
	-2469 Oct 10 j 02:06	0°♎	
evening rise	-2469 Oct 21 j 02:11	17°♎13'08	
	-2469 Oct 29 j 07:15	0°♏	
greatest brilliancy	-2469 Nov 05 j 08:56	10°♏43'09	-0.7m
evening max el	-2469 Nov 14 j 02:50	22°♏05'29	19°31'02
retrograde	-2469 Nov 21 j 09:03	26°♏17'55	
asc. node	-2469 Nov 21 j 16:06	26°♏17'26	
evening set	-2469 Nov 24 j 17:36	25°♏12'01	
inferior conj	-2469 Nov 30 j 08:44	19°♏13'49	2°40'55
minimum elong	-2469 Nov 30 j 05:47	19°♏23'23	2°39'59
min. Earth dist.	-2469 Dec 01 j 12:40	17°♏43'10	0.66209 AU
morning rise	-2469 Dec 05 j 17:14	13°♏00'20	
direct	-2469 Dec 11 j 20:40	10°♏19'11	
morning max el	-2469 Dec 24 j 05:37	17°♏37'28	25°53'26
desc. node	-2468 Jan 02 j 01:40	27°♏54'29	
	-2468 Jan 03 j 15:50	0°♐	
	-2468 Jan 23 j 06:30	0°♑	
morning set	-2468 Jan 29 j 10:31	10°♑57'57	
max. Earth dist.	-2468 Feb 02 j 09:16	18°♑23'48	1.35783 AU
superior conj	-2468 Feb 07 j 16:52	28°♑53'09	-1°-28'-49
minimum elong	-2468 Feb 07 j 20:17	29°♑10'20	1°28'28
	-2468 Feb 08 j 06:06	0°♒	
evening rise	-2468 Feb 15 j 15:31	15°♒09'19	
asc. node	-2468 Feb 17 j 15:25	19°♒11'22	
	-2468 Feb 23 j 08:30	0°♓	
evening max el	-2468 Mar 04 j 17:35	14°♓19'02	20°11'36
retrograde	-2468 Mar 15 j 04:04	19°♓17'36	
evening set	-2468 Mar 17 j 09:31	19°♓04'58	
inferior conj	-2468 Mar 26 j 06:48	15°♓05'50	1°02'13
minimum elong	-2468 Mar 26 j 09:28	15°♓01'49	1°01'17
min. Earth dist.	-2468 Mar 28 j 03:03	13°♓59'47	0.55504 AU
desc. node	-2468 Mar 30 j 00:44	12°♓54'44	
morning rise	-2468 Apr 04 j 06:53	10°♓41'29	
direct	-2468 Apr 08 j 02:01	10°♓09'56	
morning max el	-2468 Apr 21 j 17:56	16°♓54'19	23°40'33
	-2468 May 02 j 06:13	0°♈	
morning set	-2468 May 15 j 14:11	24°♈33'25	
asc. node	-2468 May 15 j 14:49	24°♈36'47	
	-2468 May 18 j 03:45	0°♉	
superior conj	-2468 May 22 j 17:12	9°♉49'01	1°08'15
minimum elong	-2468 May 22 j 14:44	9°♉35'41	1°07'53
max. Earth dist.	-2468 May 24 j 19:52	14°♉19'30	1.33563 AU
evening rise	-2468 May 30 j 06:20	25°♉33'20	
	-2468 Jun 01 j 12:26	0°♊	
	-2468 Jun 19 j 06:22	0°♋	
desc. node	-2468 Jun 25 j 23:51	8°♋59'42	
evening max el	-2468 Jul 02 j 21:19	16°♋34'48	27°24'16
retrograde	-2468 Jul 16 j 12:12	23°♋57'32	
evening set	-2468 Jul 23 j 15:48	21°♋15'50	
min. Earth dist.	-2468 Jul 27 j 07:05	17°♋59'45	0.63842 AU
inferior conj	-2468 Jul 29 j 19:47	15°♋21'34	-3°-38'-12
minimum elong	-2468 Jul 29 j 23:55	15°♋10'46	3°37'10
morning rise	-2468 Aug 05 j 09:58	10°♋00'00	
direct	-2468 Aug 08 j 00:15	9°♋26'25	
asc. node	-2468 Aug 11 j 14:04	10°♋30'20	
morning max el	-2468 Aug 14 j 13:06	12°♋52'16	17°58'18
	-2468 Aug 26 j 07:24	0°♌	
morning set	-2468 Aug 31 j 14:13	9°♌05'11	
	-2468 Sep 12 j 23:25	0°♍	
superior conj	-2468 Sep 13 j 06:30	0°♍29'06	0°54'23
minimum elong	-2468 Sep 13 j 11:44	0°♍50'29	0°53'46
max. Earth dist.	-2468 Sep 18 j 21:37	9°♍35'33	1.44062 AU
desc. node	-2468 Sep 21 j 23:15	14°♍27'56	
evening rise	-2468 Sep 29 j 10:16	26°♍06'15	
	-2468 Oct 01 j 23:03	0°♎	
greatest brilliancy	-2468 Oct 21 j 01:01	28°♎03'33	-0.5m

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2468 Oct 22 j 12:31	0°♏	
evening max el	-2468 Oct 27 j 05:49	5°♏32'10	20°30'46
retrograde	-2468 Nov 04 j 06:31	10°♏16'28	
asc. node	-2468 Nov 07 j 13:10	9°♏14'37	
evening set	-2468 Nov 08 j 00:20	8°♏55'39	
inferior conj	-2468 Nov 13 j 11:48	2°♏46'14	1°56'34
minimum elong	-2468 Nov 13 j 09:23	2°♏54'24	1°55'39
min. Earth dist.	-2468 Nov 14 j 03:31	1°♏52'59	0.66967 AU
	-2468 Nov 15 j 13:42	30°℞♎	
morning rise	-2468 Nov 18 j 17:56	26°♎29'55	
direct	-2468 Nov 24 j 06:28	24°♎05'55	
	-2468 Dec 04 j 17:33	0°♏	
morning max el	-2468 Dec 05 j 14:13	0°♏51'01	24°32'48
desc. node	-2468 Dec 18 j 22:42	17°♏16'48	
	-2468 Dec 27 j 15:31	0°♐	
morning set	-2467 Jan 10 j 12:46	22°♐44'27	
max. Earth dist.	-2467 Jan 14 j 07:08	29°♐27'42	1.37644 AU
	-2467 Jan 14 j 14:14	0°♑	
superior conj	-2467 Jan 21 j 01:32	12°♑10'07	-1°-46'-23
minimum elong	-2467 Jan 21 j 04:34	12°♑24'45	1°46'14
evening rise	-2467 Jan 29 j 16:16	29°♑11'54	
	-2467 Jan 30 j 01:58	0°♒	
asc. node	-2467 Feb 03 j 12:27	8°♒35'43	
evening max el	-2467 Feb 15 j 11:23	26°♒18'00	19°11'27
	-2467 Feb 21 j 04:10	0°♓	
retrograde	-2467 Feb 24 j 07:10	0°♓31'13	
evening set	-2467 Feb 26 j 14:20	0°♓15'18	
	-2467 Feb 27 j 13:01	30°℞♒	
inferior conj	-2467 Mar 06 j 18:37	26°♒04'06	2°35'48
minimum elong	-2467 Mar 06 j 23:24	25°♒55'57	2°34'31
min. Earth dist.	-2467 Mar 09 j 18:30	24°♒02'34	0.56757 AU
morning rise	-2467 Mar 15 j 04:31	21°♒08'28	
desc. node	-2467 Mar 16 j 21:49	20°♒35'43	
direct	-2467 Mar 20 j 03:59	20°♒10'44	
morning max el	-2467 Apr 03 j 08:53	27°♒28'14	25°17'40
	-2467 Apr 05 j 20:00	0°♓	
	-2467 Apr 25 j 08:58	0°♈	
morning set	-2467 Apr 30 j 02:18	9°♈35'02	
asc. node	-2467 May 02 j 11:52	14°♈41'20	
superior conj	-2467 May 07 j 03:22	24°♈47'12	0°47'05
minimum elong	-2467 May 07 j 01:27	24°♈36'45	0°46'43
max. Earth dist.	-2467 May 08 j 04:36	27°♈04'26	1.32869 AU
	-2467 May 09 j 13:03	0°♉	
evening rise	-2467 May 14 j 08:16	10°♉07'29	
	-2467 May 24 j 19:57	0°♊	
desc. node	-2467 Jun 12 j 20:54	26°♊54'06	
evening max el	-2467 Jun 15 j 05:07	29°♊15'53	27°16'20
	-2467 Jun 16 j 00:00	0°♋	
retrograde	-2467 Jun 29 j 02:18	6°♋37'01	
evening set	-2467 Jul 06 j 04:32	4°♋14'12	
min. Earth dist.	-2467 Jul 09 j 18:49	1°♋23'50	0.62057 AU
	-2467 Jul 11 j 07:25	30°℞♊	
inferior conj	-2467 Jul 12 j 19:55	28°♊34'30	-4°-11'-59
minimum elong	-2467 Jul 12 j 23:11	28°♊26'54	4°11'28
morning rise	-2467 Jul 19 j 20:28	23°♊32'50	
direct	-2467 Jul 22 j 08:19	23°♊05'34	
morning max el	-2467 Jul 29 j 03:40	26°♊31'29	17°56'42
asc. node	-2467 Jul 29 j 11:08	26°♊50'03	
	-2467 Aug 01 j 04:10	0°♋	
morning set	-2467 Aug 14 j 06:15	21°♋45'48	
	-2467 Aug 18 j 20:00	0°♌	
superior conj	-2467 Aug 25 j 04:09	11°♌07'37	1°25'35
minimum elong	-2467 Aug 25 j 09:04	11°♌28'46	1°25'10
max. Earth dist.	-2467 Sep 01 j 09:48	23°♌16'29	1.42714 AU
	-2467 Sep 05 j 13:34	0°♍	
evening rise	-2467 Sep 08 j 17:22	5°♍00'04	
desc. node	-2467 Sep 08 j 20:15	5°♍11'22	
	-2467 Sep 25 j 08:24	0°♎	
greatest brilliancy	-2467 Oct 05 j 05:11	13°♎22'30	-0.4m
evening max el	-2467 Oct 10 j 02:51	18°♎58'49	21°42'20
retrograde	-2467 Oct 19 j 02:58	24°♎19'50	
evening set	-2467 Oct 23 j 08:15	22°♎41'44	
asc. node	-2467 Oct 25 j 10:14	20°♎41'19	
inferior conj	-2467 Oct 28 j 17:38	16°♎24'40	1°07'16
minimum elong	-2467 Oct 28 j 16:08	16°♎29'51	1°06'37
min. Earth dist.	-2467 Oct 28 j 22:23	16°♎08'16	0.67395 AU
morning rise	-2467 Nov 02 j 23:44	10°♎08'17	
direct	-2467 Nov 07 j 20:58	8°♎05'33	
morning max el	-2467 Nov 17 j 23:44	14°♎07'20	23°05'54
greatest brilliancy	-2467 Nov 22 j 23:03	19°♎42'23	-0.3m
	-2467 Nov 30 j 19:26	0°♏	
desc. node	-2467 Dec 05 j 19:43	7°♏08'16	
	-2467 Dec 20 j 14:28	0°♐	
morning set	-2467 Dec 22 j 12:51	3°♐11'18	
max. Earth dist.	-2467 Dec 27 j 02:25	10°♐55'19	1.39727 AU
superior conj	-2466 Jan 03 j 19:10	24°♐39'06	-1°-56'-32
minimum elong	-2466 Jan 03 j 20:25	24°♐44'48	1°56'34
	-2466 Jan 06 j 16:11	0°♑	
evening rise	-2466 Jan 13 j 08:28	12°♑43'53	
asc. node	-2466 Jan 21 j 09:29	27°♑33'06	
	-2466 Jan 22 j 21:01	0°♒	
evening max el	-2466 Jan 29 j 14:07	8°♒49'08	18°31'02
retrograde	-2466 Feb 06 j 04:30	12°♒32'08	
evening set	-2466 Feb 08 j 15:28	12°♒10'08	
inferior conj	-2466 Feb 16 j 02:40	7°♒39'04	3°32'59
minimum elong	-2466 Feb 16 j 06:04	7°♒32'18	3°32'25
min. Earth dist.	-2466 Feb 19 j 12:28	4°♒58'15	0.58585 AU
morning rise	-2466 Feb 23 j 17:01	2°♒16'31	
direct	-2466 Mar 01 j 19:13	0°♒41'45	
desc. node	-2466 Mar 03 j 18:53	0°♒51'42	
morning max el	-2466 Mar 16 j 02:10	8°♒16'23	26°38'15
	-2466 Apr 01 j 11:25	0°♓	
morning set	-2466 Apr 14 j 13:08	24°♓31'54	
	-2466 Apr 17 j 02:59	0°♈	
asc. node	-2466 Apr 19 j 08:54	4°♈52'08	
superior conj	-2466 Apr 21 j 14:59	9°♈48'05	0°23'32
minimum elong	-2466 Apr 21 j 13:57	9°♈42'27	0°23'20
max. Earth dist.	-2466 Apr 21 j 17:18	10°♈00'46	1.32528 AU
evening rise	-2466 Apr 28 j 15:33	24°♈56'30	
	-2466 May 01 j 02:41	0°♉	
	-2466 May 18 j 17:15	0°♊	
evening max el	-2466 May 28 j 07:33	11°♊16'32	26°35'29
desc. node	-2466 May 30 j 17:56	13°♊26'29	
retrograde	-2466 Jun 11 j 08:22	18°♊33'52	
evening set	-2466 Jun 17 j 22:15	16°♊43'11	
min. Earth dist.	-2466 Jun 21 j 20:55	14°♊03'41	0.60048 AU
inferior conj	-2466 Jun 25 j 05:17	11°♊21'18	-4°-28'-39
minimum elong	-2466 Jun 25 j 06:04	11°♊19'42	4°28'35
morning rise	-2466 Jul 02 j 17:11	6°♊41'39	
direct	-2466 Jul 05 j 04:35	6°♊18'53	
morning max el	-2466 Jul 12 j 14:46	9°♊54'42	18°14'25
asc. node	-2466 Jul 16 j 08:11	14°♊14'31	
	-2466 Jul 25 j 19:12	0°♋	
morning set	-2466 Jul 28 j 13:39	5°♋11'40	
superior conj	-2466 Aug 07 j 03:29	23°♋02'44	1°42'56
minimum elong	-2466 Aug 07 j 06:05	23°♋14'32	1°42'52
	-2466 Aug 11 j 01:01	0°♌	
max. Earth dist.	-2466 Aug 14 j 16:41	6°♌18'54	1.40935 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening rise	-2466 Aug 19 j 17:39	14°♌43'04	
desc. node	-2466 Aug 26 j 17:15	25°♌49'01	
	-2466 Aug 29 j 10:46	0°♍	
greatest brilliancy	-2466 Sep 17 j 13:01	26°♍34'59	-0.3m
	-2466 Sep 20 j 11:16	0°♎	
evening max el	-2466 Sep 22 j 18:26	2°♎26'26	23°01'15
retrograde	-2466 Oct 02 j 20:52	8°♎25'34	
evening set	-2466 Oct 07 j 15:38	6°♎28'28	
asc. node	-2466 Oct 12 j 07:17	1°♎06'13	
inferior conj	-2466 Oct 13 j 00:26	0°♎07'20	0°14'45
minimum elong	-2466 Oct 13 j 00:05	0°♎08'32	0°14'36
transit middle	-2466 Oct 13 j 00:05	0°♎08'32	0°14'36
transit begin	-2466 Oct 12 j 22:52	0°♎12'43	
transit end	-2466 Oct 13 j 01:18	0°♎04'21	
min. Earth dist.	-2466 Oct 12 j 18:50	0°♎26'36	0.67509 AU
	-2466 Oct 13 j 02:34	30°℞♍	
morning rise	-2466 Oct 18 j 08:30	23°♍53'46	
direct	-2466 Oct 22 j 15:12	22°♍13'10	
morning max el	-2466 Oct 31 j 13:40	27°♍29'46	21°41'36
	-2466 Nov 02 j 21:16	0°♎	
greatest brilliancy	-2466 Nov 05 j 12:59	3°♎10'37	-0.4m
desc. node	-2466 Nov 22 j 16:43	27°♎20'33	
	-2466 Nov 24 j 10:50	0°♏	
morning set	-2466 Dec 02 j 08:04	12°♏15'25	
max. Earth dist.	-2466 Dec 09 j 02:56	23°♏15'43	1.41745 AU
	-2466 Dec 13 j 03:15	0°♐	
superior conj	-2466 Dec 16 j 16:23	6°♐06'44	-1°-55'-30
minimum elong	-2466 Dec 16 j 14:10	5°♐57'01	1°55'30
evening rise	-2466 Dec 27 j 12:47	25°♐38'08	
	-2466 Dec 29 j 21:57	0°♑	
asc. node	-2465 Jan 08 j 06:31	15°♑55'11	
evening max el	-2465 Jan 12 j 22:56	21°♑44'34	18°10'37
retrograde	-2465 Jan 19 j 19:36	25°♑13'20	
evening set	-2465 Jan 22 j 09:54	24°♑44'03	
inferior conj	-2465 Jan 29 j 06:38	19°♑50'45	3°56'34
minimum elong	-2465 Jan 29 j 07:27	19°♑48'53	3°56'29
min. Earth dist.	-2465 Feb 01 j 12:04	16°♑54'08	0.60630 AU
morning rise	-2465 Feb 05 j 02:14	14°♑08'53	
direct	-2465 Feb 11 j 21:25	11°♑57'14	
desc. node	-2465 Feb 18 j 15:56	13°♑54'42	
morning max el	-2465 Feb 26 j 01:30	19°♑40'23	27°29'20
	-2465 Mar 06 j 21:33	0°♒	
	-2465 Mar 25 j 05:13	0°♓	
morning set	-2465 Mar 29 j 20:52	9°♓17'42	
max. Earth dist.	-2465 Apr 05 j 06:14	22°♓55'35	1.32532 AU
superior conj	-2465 Apr 06 j 02:26	24°♓45'55	0°-1'-31
minimum elong	-2465 Apr 06 j 02:30	24°♓46'16	0°01'31
behind sun begin	-2465 Apr 05 j 21:29	24°♓18'50	
behind sun end	-2465 Apr 06 j 07:31	25°♓13'42	
asc. node	-2465 Apr 06 j 05:55	25°♓05'01	
	-2465 Apr 08 j 11:52	0°♈	
evening rise	-2465 Apr 13 j 02:00	9°♈52'33	
	-2465 Apr 23 j 12:24	0°♉	
evening max el	-2465 May 10 j 03:23	22°♉33'46	25°25'15
desc. node	-2465 May 17 j 14:59	28°♉04'31	
retrograde	-2465 May 24 j 04:41	29°♉44'37	
evening set	-2465 May 29 j 17:52	28°♉32'26	
min. Earth dist.	-2465 Jun 03 j 15:27	25°♉46'36	0.58034 AU
inferior conj	-2465 Jun 06 j 20:19	23°♉32'19	-4°-18'-25
minimum elong	-2465 Jun 06 j 17:15	23°♉37'45	4°18'04
morning rise	-2465 Jun 14 j 20:34	19°♉14'50	
direct	-2465 Jun 17 j 08:37	18°♉55'29	
morning max el	-2465 Jun 25 j 19:33	22°♉53'41	18°52'27
	-2465 Jul 01 j 14:39	0°♊	
asc. node	-2465 Jul 03 j 05:15	2°♊29'39	

morning set	-2465 Jul 12 j 08:07	19°♊11'45	
	-2465 Jul 17 j 20:23	0°♋	
superior conj	-2465 Jul 20 j 23:04	5°♋59'46	1°48'32
minimum elong	-2465 Jul 20 j 23:17	6°♋00'47	1°48'37
max. Earth dist.	-2465 Jul 27 j 19:33	18°♋39'25	1.38964 AU
evening rise	-2465 Jul 31 j 19:20	25°♋38'53	
	-2465 Aug 03 j 08:57	0°♌	
desc. node	-2465 Aug 13 j 14:14	16°♌16'37	
	-2465 Aug 23 j 02:33	0°♍	
evening max el	-2465 Sep 05 j 06:26	15°♍56'11	24°21'26
retrograde	-2465 Sep 16 j 11:12	22°♍30'08	
evening set	-2465 Sep 21 j 20:45	20°♍13'53	
min. Earth dist.	-2465 Sep 26 j 14:26	14°♍46'06	0.67319 AU
inferior conj	-2465 Sep 27 j 06:27	13°♍52'14	0°-39'-23
minimum elong	-2465 Sep 27 j 07:24	13°♍49'03	0°38'59
asc. node	-2465 Sep 29 j 04:22	11°♍21'49	
morning rise	-2465 Oct 02 j 18:19	7°♍44'24	
direct	-2465 Oct 06 j 12:05	6°♍24'18	
morning max el	-2465 Oct 14 j 10:36	11°♍01'16	20°26'16
greatest brilliancy	-2465 Oct 20 j 22:02	18°♍48'21	-0.5m
	-2465 Oct 28 j 19:28	0°♎	
desc. node	-2465 Nov 09 j 13:42	17°♎47'00	
morning set	-2465 Nov 11 j 07:20	20°♎27'55	
	-2465 Nov 17 j 09:30	0°♏	
max. Earth dist.	-2465 Nov 21 j 11:01	6°♏28'59	1.43409 AU
superior conj	-2465 Nov 27 j 11:43	16°♏19'23	-1°-39'-12
minimum elong	-2465 Nov 27 j 05:26	15°♏53'22	1°38'46
	-2465 Dec 05 j 13:52	0°♐	
evening rise	-2465 Dec 10 j 01:02	7°♐45'25	
	-2465 Dec 23 j 10:12	0°♑	
asc. node	-2465 Dec 26 j 03:33	3°♑30'36	
evening max el	-2465 Dec 27 j 10:55	4°♑55'31	18°09'49
retrograde	-2464 Jan 03 j 00:04	8°♑23'29	
evening set	-2464 Jan 05 j 17:47	7°♑46'03	
inferior conj	-2464 Jan 12 j 03:06	2°♑31'33	3°54'50
minimum elong	-2464 Jan 12 j 01:44	2°♑35'07	3°54'40
	-2464 Jan 14 j 13:13	30°℞♐	
min. Earth dist.	-2464 Jan 14 j 20:22	29°♐41'56	0.62587 AU
morning rise	-2464 Jan 18 j 07:44	26°♐36'20	
direct	-2464 Jan 25 j 08:36	23°♐57'55	
desc. node	-2464 Feb 05 j 12:59	29°♐13'49	
	-2464 Feb 06 j 10:08	0°♑	
morning max el	-2464 Feb 08 j 06:50	1°♑45'19	27°44'25
	-2464 Feb 29 j 02:28	0°♒	
morning set	-2464 Mar 12 j 23:24	23°♒44'49	
	-2464 Mar 16 j 00:18	0°♓	
max. Earth dist.	-2464 Mar 18 j 15:26	5°♓34'28	1.32895 AU
superior conj	-2464 Mar 20 j 12:03	9°♓34'37	0°-27'-15
minimum elong	-2464 Mar 20 j 13:18	9°♓41'23	0°27'01
asc. node	-2464 Mar 23 j 02:57	15°♓15'39	
evening rise	-2464 Mar 27 j 13:43	24°♓48'36	
	-2464 Mar 30 j 01:46	0°♈	
	-2464 Apr 17 j 14:56	0°♉	
evening max el	-2464 Apr 20 j 18:54	3°♉19'52	23°55'53
desc. node	-2464 May 03 j 12:02	10°♉11'42	
retrograde	-2464 May 04 j 13:28	10°♉14'16	
evening set	-2464 May 08 j 17:38	9°♉35'36	
min. Earth dist.	-2464 May 15 j 06:07	6°♉28'43	0.56330 AU
inferior conj	-2464 May 17 j 15:14	5°♉01'06	-3°-30'-15
minimum elong	-2464 May 17 j 09:01	5°♉10'41	3°28'50
morning rise	-2464 May 26 j 04:16	1°♉00'45	
direct	-2464 May 28 j 17:23	0°♉43'58	
morning max el	-2464 Jun 07 j 15:24	5°♉19'27	19°51'11
asc. node	-2464 Jun 19 j 02:19	21°♉23'38	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2464 Jun 23 j 14:53	0°♊		
morning set	-2464 Jun 25 j 10:26	3°♊37'41		
superior conj	-2464 Jul 03 j 09:31	19°♊43'27	1°45'02	
minimum elong	-2464 Jul 03 j 08:01	19°♊36'04	1°45'01	
	-2464 Jul 08 j 16:23	0°♋		
max. Earth dist.	-2464 Jul 08 j 22:59	0°♋31'16	1.37057 AU	
evening rise	-2464 Jul 12 j 21:20	7°♋46'52		
	-2464 Jul 26 j 03:59	0°♌		
desc. node	-2464 Jul 30 j 11:16	6°♌29'08		
evening max el	-2464 Aug 17 j 17:19	29°♌29'12	25°35'35	
	-2464 Aug 18 j 06:02	0°♍		
retrograde	-2464 Aug 29 j 21:20	6°♍29'39		
evening set	-2464 Sep 04 j 21:49	3°♍56'46		
	-2464 Sep 08 j 13:37	30°℞♌		
min. Earth dist.	-2464 Sep 09 j 06:53	29°♌05'25	0.66810 AU	
inferior conj	-2464 Sep 10 j 10:00	27°♌38'12	-1°-33'-28	
minimum elong	-2464 Sep 10 j 12:14	27°♌30'58	1°32'33	
asc. node	-2464 Sep 15 j 01:26	22°♌26'21		
morning rise	-2464 Sep 16 j 03:19	21°♌39'01		
direct	-2464 Sep 19 j 10:18	20°♌36'21		
morning max el	-2464 Sep 26 j 14:58	24°♌42'19	19°24'02	
	-2464 Oct 01 j 02:19	0°♍		
greatest brilliancy	-2464 Oct 06 j 05:12	7°♍11'37	-0.7m	
morning set	-2464 Oct 20 j 09:22	28°♍56'08		
	-2464 Oct 21 j 01:45	0°♎		
desc. node	-2464 Oct 26 j 10:43	8°♎23'31		
max. Earth dist.	-2464 Nov 03 j 01:04	20°♎20'17	1.44507 AU	
superior conj	-2464 Nov 06 j 04:18	25°♎18'53	-1°-5'-26	
minimum elong	-2464 Nov 05 j 21:05	24°♎50'07	1°04'39	
	-2464 Nov 09 j 02:35	0°♏		
evening rise	-2464 Nov 20 j 16:43	18°♏57'21		
	-2464 Nov 27 j 08:12	0°♐		
evening max el	-2464 Dec 09 j 23:20	18°♐15'57	18°27'48	
asc. node	-2464 Dec 12 j 00:36	20°♐06'15		
retrograde	-2464 Dec 16 j 13:30	21°♐53'58		
evening set	-2464 Dec 19 j 11:36	21°♐07'06		
inferior conj	-2464 Dec 25 j 12:10	15°♐33'36	3°35'17	
minimum elong	-2464 Dec 25 j 09:33	15°♐41'11	3°34'47	
min. Earth dist.	-2464 Dec 27 j 14:37	13°♐07'52	0.64274 AU	
morning rise	-2464 Dec 31 j 06:07	9°♐29'11		
direct	-2463 Jan 07 j 03:27	6°♐38'43		
morning max el	-2463 Jan 20 j 15:40	14°♐23'47	27°23'50	
desc. node	-2463 Jan 22 j 10:02	16°♐13'08		
	-2463 Feb 02 j 09:42	0°♑		
	-2463 Feb 20 j 16:57	0°♒		
morning set	-2463 Feb 24 j 17:56	7°♒43'49		
max. Earth dist.	-2463 Mar 01 j 16:46	17°♒43'53	1.33660 AU	
superior conj	-2463 Mar 04 j 17:58	24°♒07'54	0°-52'-39	
minimum elong	-2463 Mar 04 j 20:20	24°♒20'27	0°52'16	
	-2463 Mar 07 j 12:03	0°♓		
asc. node	-2463 Mar 09 j 23:59	5°♓19'49		
evening rise	-2463 Mar 12 j 00:53	9°♓38'01		
	-2463 Mar 22 j 18:31	0°♈		
evening max el	-2463 Apr 02 j 12:09	14°♈01'09	22°21'30	
retrograde	-2463 Apr 15 j 09:57	20°♈20'01		
evening set	-2463 Apr 18 j 08:42	20°♈00'53		
desc. node	-2463 Apr 20 j 09:07	19°♈27'13		
min. Earth dist.	-2463 Apr 26 j 19:58	16°♈20'52	0.55290 AU	
inferior conj	-2463 Apr 27 j 16:58	15°♈51'03	-2°00'-9	
minimum elong	-2463 Apr 27 j 11:45	15°♈58'28	1°58'29	
morning rise	-2463 May 06 j 16:45	11°♈55'01		
direct	-2463 May 09 j 10:01	11°♈38'09		
morning max el	-2463 May 21 j 00:27	17°♈04'01	21°09'26	
	-2463 May 31 j 00:05	0°♉		
asc. node	-2463 Jun 05 j 23:22	10°♉46'12		
morning set	-2463 Jun 09 j 17:59	18°♉21'23		
	-2463 Jun 15 j 08:06	0°♊		
superior conj	-2463 Jun 17 j 06:18	3°♊59'38	1°34'38	
minimum elong	-2463 Jun 17 j 03:55	3°♊47'18	1°34'27	
max. Earth dist.	-2463 Jun 21 j 09:01	12°♊20'29	1.35416 AU	
evening rise	-2463 Jun 25 j 18:37	20°♊53'03		
	-2463 Jun 30 j 18:03	0°♋		
desc. node	-2463 Jul 17 j 08:19	26°♋18'43		
	-2463 Jul 20 j 01:06	0°♌		
evening max el	-2463 Jul 31 j 04:41	13°♌01'33	26°35'53	
retrograde	-2463 Aug 13 j 02:33	20°♌17'19		
evening set	-2463 Aug 19 j 16:38	17°♌33'30		
min. Earth dist.	-2463 Aug 23 j 17:50	13°♌20'15	0.65952 AU	
inferior conj	-2463 Aug 25 j 09:07	11°♌21'45	-2°-25'-42	
minimum elong	-2463 Aug 25 j 12:30	11°♌11'33	2°24'28	
morning rise	-2463 Aug 31 j 09:26	5°♌34'22		
asc. node	-2463 Sep 01 j 22:32	4°♌56'33		
direct	-2463 Sep 03 j 08:02	4°♌45'32		
morning max el	-2463 Sep 10 j 01:18	8°♌29'19	18°37'18	
	-2463 Sep 25 j 02:02	0°♍		
morning set	-2463 Sep 30 j 10:08	8°♍34'20		
desc. node	-2463 Oct 13 j 07:45	29°♍06'17		
	-2463 Oct 13 j 21:23	0°♎		
superior conj	-2463 Oct 16 j 04:52	3°♎38'36	0°-18'-26	
minimum elong	-2463 Oct 16 j 02:26	3°♎28'59	0°18'07	
max. Earth dist.	-2463 Oct 16 j 18:38	4°♎32'45	1.44909 AU	
evening rise	-2463 Nov 01 j 08:19	29°♎08'01		
	-2463 Nov 01 j 21:23	0°♏		
	-2463 Nov 21 j 20:54	0°♐		
evening max el	-2463 Nov 23 j 09:44	1°♐41'39	19°03'23	
asc. node	-2463 Nov 28 j 21:39	5°♐27'24		
retrograde	-2463 Nov 30 j 08:09	5°♐38'57		
evening set	-2463 Dec 03 j 12:21	4°♐40'41		
	-2463 Dec 08 j 08:06	30°℞♏		
inferior conj	-2463 Dec 09 j 06:23	28°♏50'52	3°03'24	
minimum elong	-2463 Dec 09 j 03:21	29°♏00'20	3°02'34	
min. Earth dist.	-2463 Dec 10 j 18:13	26°♏58'42	0.65609 AU	
morning rise	-2463 Dec 14 j 17:25	22°♏40'08		
direct	-2463 Dec 21 j 04:41	19°♏52'06		
morning max el	-2462 Jan 03 j 01:14	27°♏23'47	26°33'05	
	-2462 Jan 05 j 12:36	0°♐		
desc. node	-2462 Jan 09 j 07:06	4°♐23'50		
	-2462 Jan 27 j 01:33	0°♑		
morning set	-2462 Feb 08 j 00:52	21°♑03'16		
max. Earth dist.	-2462 Feb 12 j 07:03	29°♑17'50	1.34873 AU	
	-2462 Feb 12 j 15:33	0°♒		
superior conj	-2462 Feb 16 j 18:01	8°♒18'52	-1°-16'-28	
minimum elong	-2462 Feb 16 j 21:12	8°♒35'17	1°16'03	
evening rise	-2462 Feb 24 j 09:41	24°♒14'44		
asc. node	-2462 Feb 24 j 21:01	25°♒13'04		
	-2462 Feb 27 j 05:39	0°♓		
evening max el	-2462 Mar 15 j 13:18	25°♓04'24	20°54'49	
	-2462 Mar 23 j 08:25	0°♈		
retrograde	-2462 Mar 26 j 23:12	0°♈32'28		
evening set	-2462 Mar 29 j 07:07	0°♈19'41		
	-2462 Mar 30 j 17:16	30°℞♓		
inferior conj	-2462 Apr 07 j 11:53	26°♓22'07	0°-4'00	
minimum elong	-2462 Apr 07 j 11:42	26°♓22'23	0°03'58	
transit middle	-2462 Apr 07 j 11:42	26°♓22'23	0°03'58	
transit begin	-2462 Apr 07 j 07:45	26°♓28'01		
transit end	-2462 Apr 07 j 15:39	26°♓16'45		
desc. node	-2462 Apr 07 j 06:10	26°♓30'16		
min. Earth dist.	-2462 Apr 08 j 09:54	25°♓50'45	0.55156 AU	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning rise	-2462 Apr 16 j 15:10	22°♓12'47	
direct	-2462 Apr 19 j 21:48	21°♓49'28	
morning max el	-2462 May 02 j 23:05	28°♓07'51	22°42'58
	-2462 May 04 j 19:53	0°♈	
asc. node	-2462 May 23 j 20:26	0°♉30'02	
	-2462 May 23 j 14:34	0°♉	
morning set	-2462 May 25 j 04:41	3°♉16'51	
superior conj	-2462 Jun 01 j 10:10	18°♉38'18	1°19'03
minimum elong	-2462 Jun 01 j 07:34	18°♉24'28	1°18'44
max. Earth dist.	-2462 Jun 04 j 05:04	24°♉29'57	1.34139 AU
	-2462 Jun 06 j 21:23	0°♊	
evening rise	-2462 Jun 09 j 06:09	4°♊43'03	
	-2462 Jun 23 j 11:28	0°♋	
desc. node	-2462 Jul 04 j 05:21	15°♋35'17	
evening max el	-2462 Jul 13 j 16:22	26°♋24'16	27°14'30
	-2462 Jul 17 j 21:06	0°♌	
retrograde	-2462 Jul 27 j 02:15	3°♌45'28	
evening set	-2462 Aug 03 j 02:32	0°♌59'50	
	-2462 Aug 04 j 06:44	30°℞♋	
min. Earth dist.	-2462 Aug 06 j 20:55	27°♋23'59	0.64725 AU
inferior conj	-2462 Aug 09 j 01:33	24°♋58'25	-3°-13'-42
minimum elong	-2462 Aug 09 j 05:38	24°♋47'06	3°12'30
morning rise	-2462 Aug 15 j 10:17	19°♋26'13	
direct	-2462 Aug 18 j 02:59	18°♋47'48	
asc. node	-2462 Aug 19 j 19:37	19°♋02'59	
morning max el	-2462 Aug 24 j 15:23	22°♋17'44	18°07'23
	-2462 Aug 30 j 15:26	0°♌	
morning set	-2462 Sep 11 j 14:53	19°♌34'08	
	-2462 Sep 17 j 21:14	0°♍	
superior conj	-2462 Sep 25 j 11:05	12°♍19'17	0°30'17
minimum elong	-2462 Sep 25 j 14:36	12°♍33'25	0°29'49
max. Earth dist.	-2462 Sep 29 j 12:57	18°♍49'17	1.44579 AU
desc. node	-2462 Sep 30 j 04:46	19°♍51'51	
	-2462 Oct 06 j 15:44	0°♎	
evening rise	-2462 Oct 12 j 01:11	8°♎22'47	
	-2462 Oct 26 j 05:09	0°♏	
greatest brilliancy	-2462 Oct 30 j 05:52	5°♏50'11	-0.6m
evening max el	-2462 Nov 06 j 15:58	15°♏08'53	19°54'52
retrograde	-2462 Nov 14 j 05:11	19°♏33'37	
asc. node	-2462 Nov 15 j 18:42	19°♏19'31	
evening set	-2462 Nov 17 j 17:29	18°♏21'36	
inferior conj	-2462 Nov 23 j 06:52	12°♏18'24	2°22'50
minimum elong	-2462 Nov 23 j 04:05	12°♏27'36	2°21'51
min. Earth dist.	-2462 Nov 24 j 05:26	11°♏03'41	0.66577 AU
morning rise	-2462 Nov 28 j 14:04	6°♏03'40	
direct	-2462 Dec 04 j 11:27	3°♏28'59	
morning max el	-2462 Dec 16 j 10:02	10°♏34'02	25°20'32
desc. node	-2462 Dec 27 j 04:09	23°♏24'17	
	-2462 Dec 31 j 22:11	0°♐	
	-2461 Jan 19 j 16:41	0°♑	
morning set	-2461 Jan 21 j 15:11	3°♑27'32	
max. Earth dist.	-2461 Jan 25 j 09:53	10°♑25'04	1.36533 AU
superior conj	-2461 Jan 31 j 09:15	21°♑57'55	-1°-36'-59
minimum elong	-2461 Jan 31 j 12:38	22°♑14'40	1°36'42
	-2461 Feb 04 j 09:13	0°♒	
evening rise	-2461 Feb 08 j 14:00	8°♒31'18	
asc. node	-2461 Feb 11 j 18:02	14°♒49'23	
	-2461 Feb 20 j 11:58	0°♓	
evening max el	-2461 Feb 26 j 00:57	6°♓41'31	19°43'41
retrograde	-2461 Mar 07 j 17:51	11°♓18'59	
evening set	-2461 Mar 09 j 23:43	11°♓05'15	
inferior conj	-2461 Mar 18 j 14:04	7°♓02'17	1°45'57
minimum elong	-2461 Mar 18 j 18:09	6°♓55'52	1°44'40
min. Earth dist.	-2461 Mar 21 j 00:06	5°♓31'38	0.55949 AU
desc. node	-2461 Mar 25 j 03:14	3°♓17'05	
morning rise	-2461 Mar 27 j 09:18	2°♓25'14	
direct	-2461 Mar 31 j 16:11	1°♓44'17	
morning max el	-2461 Apr 14 j 14:56	8°♓44'08	24°22'55
	-2461 Apr 30 j 05:58	0°♈	
morning set	-2461 May 09 j 16:45	18°♈17'43	
asc. node	-2461 May 10 j 17:29	20°♈28'19	
	-2461 May 15 j 03:39	0°♉	
superior conj	-2461 May 16 j 18:35	3°♉30'55	0°59'36
minimum elong	-2461 May 16 j 16:18	3°♉18'32	0°59'15
max. Earth dist.	-2461 May 18 j 10:07	7°♉03'57	1.33230 AU
evening rise	-2461 May 24 j 03:43	19°♉03'44	
	-2461 May 29 j 18:35	0°♊	
	-2461 Jun 17 j 18:27	0°♋	
desc. node	-2461 Jun 21 j 02:22	4°♋05'03	
evening max el	-2461 Jun 26 j 02:17	9°♋24'14	27°24'51
retrograde	-2461 Jul 09 j 19:48	16°♋45'39	
evening set	-2461 Jul 17 j 00:09	14°♋10'22	
min. Earth dist.	-2461 Jul 20 j 14:20	11°♋06'43	0.63128 AU
inferior conj	-2461 Jul 23 j 08:34	8°♋22'16	-3°-54'-6
minimum elong	-2461 Jul 23 j 12:30	8°♋12'27	3°53'17
morning rise	-2461 Jul 30 j 03:01	3°♋08'41	
direct	-2461 Aug 01 j 16:07	2°♋37'56	
asc. node	-2461 Aug 06 j 16:43	4°♋38'23	
morning max el	-2461 Aug 08 j 06:35	6°♋02'21	17°55'17
	-2461 Aug 23 j 20:20	0°♌	
morning set	-2461 Aug 24 j 19:44	1°♌43'00	
superior conj	-2461 Sep 05 j 16:44	22°♌10'43	1°09'23
minimum elong	-2461 Sep 05 j 22:14	22°♌33'44	1°08'47
	-2461 Sep 10 j 10:34	0°♍	
max. Earth dist.	-2461 Sep 12 j 04:36	2°♍50'19	1.43561 AU
desc. node	-2461 Sep 17 j 01:46	10°♍37'14	
evening rise	-2461 Sep 21 j 06:31	17°♍10'45	
	-2461 Sep 29 j 16:14	0°♎	
greatest brilliancy	-2461 Oct 15 j 03:58	22°♎06'27	-0.5m
evening max el	-2461 Oct 20 j 16:28	28°♎36'01	20°59'57
	-2461 Oct 22 j 03:02	0°♏	
retrograde	-2461 Oct 29 j 02:25	3°♏35'13	
evening set	-2461 Nov 02 j 00:58	2°♏07'04	
asc. node	-2461 Nov 02 j 15:46	1°♏37'08	
	-2461 Nov 04 j 06:36	30°℞♎	
inferior conj	-2461 Nov 07 j 11:20	25°♎53'53	1°36'09
minimum elong	-2461 Nov 07 j 09:17	26°♎00'57	1°35'19
min. Earth dist.	-2461 Nov 07 j 22:11	25°♎16'46	0.67193 AU
morning rise	-2461 Nov 12 j 17:13	19°♎37'26	
direct	-2461 Nov 17 j 23:10	17°♎22'26	
morning max el	-2461 Nov 28 j 18:46	23°♎49'20	23°56'04
	-2461 Dec 04 j 06:42	0°♏	
desc. node	-2461 Dec 14 j 01:11	13°♏00'28	
	-2461 Dec 25 j 08:36	0°♐	
morning set	-2460 Jan 03 j 06:56	14°♐41'27	
max. Earth dist.	-2460 Jan 07 j 06:05	21°♐36'30	1.38525 AU
	-2460 Jan 11 j 20:59	0°♑	
superior conj	-2460 Jan 14 j 12:03	4°♑55'41	-1°-51'-48
minimum elong	-2460 Jan 14 j 14:31	5°♑07'23	1°51'45
evening rise	-2460 Jan 23 j 11:28	22°♑21'45	
	-2460 Jan 27 j 10:27	0°♒	
asc. node	-2460 Jan 29 j 15:02	4°♒03'01	
evening max el	-2460 Feb 08 j 22:40	18°♒53'59	18°51'42
retrograde	-2460 Feb 17 j 04:39	22°♒52'45	
evening set	-2460 Feb 19 j 13:21	22°♒34'27	
inferior conj	-2460 Feb 27 j 10:06	18°♒14'57	3°04'38
minimum elong	-2460 Feb 27 j 14:36	18°♒06'45	3°03'37
min. Earth dist.	-2460 Mar 01 j 16:05	15°♒54'20	0.57484 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning rise	-2460 Mar 06 j 11:55	13°♒06'53	
desc. node	-2460 Mar 11 j 00:17	11°♒56'46	
direct	-2460 Mar 11 j 23:20	11°♒54'31	
morning max el	-2460 Mar 26 j 06:16	19°♒20'29	25°55'02
	-2460 Apr 04 j 06:32	0°♓	
	-2460 Apr 21 j 14:23	0°♈	
morning set	-2460 Apr 23 j 04:31	3°♈17'54	
asc. node	-2460 Apr 26 j 14:30	10°♈35'49	
superior conj	-2460 Apr 30 j 05:32	18°♈30'34	0°37'19
minimum elong	-2460 Apr 30 j 03:57	18°♈21'58	0°37'02
max. Earth dist.	-2460 Apr 30 j 21:00	19°♈55'06	1.32678 AU
	-2460 May 05 j 13:14	0°♉	
evening rise	-2460 May 07 j 08:10	3°♉44'40	
	-2460 May 21 j 13:36	0°♊	
desc. node	-2460 Jun 06 j 23:23	21°♊27'59	
evening max el	-2460 Jun 07 j 07:52	21°♊48'23	27°02'53
retrograde	-2460 Jun 21 j 06:37	29°♊08'18	
evening set	-2460 Jun 28 j 05:20	26°♊57'25	
min. Earth dist.	-2460 Jul 01 j 21:32	24°♊14'10	0.61220 AU
inferior conj	-2460 Jul 05 j 02:51	21°♊25'04	-4°-21'-40
minimum elong	-2460 Jul 05 j 05:17	21°♊19'43	4°21'24
morning rise	-2460 Jul 12 j 08:09	16°♊32'57	
direct	-2460 Jul 14 j 19:41	16°♊07'44	
morning max el	-2460 Jul 21 j 20:06	19°♊36'10	18°01'52
asc. node	-2460 Jul 23 j 13:47	21°♊27'42	
	-2460 Jul 29 j 12:22	0°♋	
morning set	-2460 Aug 06 j 18:54	14°♋44'31	
	-2460 Aug 15 j 03:50	0°♌	
superior conj	-2460 Aug 17 j 01:55	3°♌23'59	1°34'32
minimum elong	-2460 Aug 17 j 05:57	3°♌41'44	1°34'17
max. Earth dist.	-2460 Aug 24 j 14:41	16°♌16'46	1.41996 AU
evening rise	-2460 Aug 30 j 19:06	26°♌20'26	
	-2460 Sep 02 j 02:39	0°♍	
desc. node	-2460 Sep 02 j 22:46	1°♍18'43	
	-2460 Sep 22 j 12:35	0°♎	
greatest brilliancy	-2460 Sep 27 j 17:12	6°♎41'54	-0.3m
evening max el	-2460 Oct 02 j 10:53	12°♎02'23	22°15'12
retrograde	-2460 Oct 11 j 22:04	17°♎40'08	
evening set	-2460 Oct 16 j 08:53	15°♎53'57	
asc. node	-2460 Oct 19 j 12:51	12°♎32'36	
inferior conj	-2460 Oct 21 j 17:48	9°♎34'24	0°45'17
minimum elong	-2460 Oct 21 j 16:46	9°♎38'00	0°44'49
min. Earth dist.	-2460 Oct 21 j 18:02	9°♎33'36	0.67482 AU
morning rise	-2460 Oct 27 j 00:31	3°♎18'52	
direct	-2460 Oct 31 j 15:17	1°♎25'52	
morning max el	-2460 Nov 10 j 05:55	7°♎08'31	22°29'14
greatest brilliancy	-2460 Nov 14 j 22:06	12°♎23'52	-0.3m
	-2460 Nov 27 j 20:48	0°♏	
desc. node	-2460 Nov 29 j 22:13	3°♏01'36	
morning set	-2460 Dec 13 j 18:37	24°♏32'15	
	-2460 Dec 17 j 02:12	0°♐	
max. Earth dist.	-2460 Dec 19 j 02:53	3°♐24'35	1.40611 AU
superior conj	-2460 Dec 26 j 21:38	16°♐59'47	-1°-57'-42
minimum elong	-2460 Dec 26 j 21:35	16°♐59'37	1°57'47
	-2459 Jan 02 j 23:05	0°♑	
evening rise	-2459 Jan 05 j 23:04	5°♑38'42	
asc. node	-2459 Jan 15 j 12:03	22°♑46'38	
	-2459 Jan 20 j 16:04	0°♒	
evening max el	-2459 Jan 22 j 04:17	1°♒36'16	18°19'54
retrograde	-2459 Jan 29 j 10:00	5°♒11'43	
evening set	-2459 Jan 31 j 22:15	4°♒46'53	
inferior conj	-2459 Feb 08 j 02:57	0°♒06'32	3°46'40
minimum elong	-2459 Feb 08 j 05:16	0°♒01'36	3°46'21
	-2459 Feb 08 j 06:02	30°℞♑	
min. Earth dist.	-2459 Feb 11 j 12:19	27°♑15'39	0.59442 AU
morning rise	-2459 Feb 15 j 08:54	24°♑34'28	
direct	-2459 Feb 21 j 19:33	22°♑43'11	
desc. node	-2459 Feb 25 j 21:21	23°♑25'40	
	-2459 Mar 07 j 16:32	0°♒	
morning max el	-2459 Mar 08 j 02:08	0°♒23'10	27°04'15
	-2459 Mar 29 j 04:53	0°♓	
morning set	-2459 Apr 07 j 14:17	18°♓11'20	
asc. node	-2459 Apr 13 j 11:30	0°♈48'12	
	-2459 Apr 13 j 02:41	0°♈	
superior conj	-2459 Apr 14 j 17:18	3°♈31'19	0°13'03
minimum elong	-2459 Apr 14 j 16:43	3°♈28'07	0°12'56
behind sun begin	-2459 Apr 14 j 13:50	3°♈12'18	
behind sun end	-2459 Apr 14 j 19:36	3°♈43'55	
max. Earth dist.	-2459 Apr 14 j 10:10	2°♈52'13	1.32476 AU
evening rise	-2459 Apr 21 j 17:02	18°♈37'41	
	-2459 Apr 27 j 08:44	0°♉	
	-2459 May 16 j 22:33	0°♊	
evening max el	-2459 May 20 j 07:19	3°♊30'05	26°08'50
desc. node	-2459 May 24 j 20:25	7°♊16'36	
retrograde	-2459 Jun 03 j 09:14	10°♊46'20	
evening set	-2459 Jun 09 j 13:57	9°♊11'37	
min. Earth dist.	-2459 Jun 13 j 20:09	6°♊31'30	0.59167 AU
inferior conj	-2459 Jun 17 j 04:49	3°♊58'08	-4°-28'-21
minimum elong	-2459 Jun 17 j 04:04	3°♊59'33	4°28'17
	-2459 Jun 23 j 10:05	30°℞♉	
morning rise	-2459 Jun 24 j 21:54	29°♉28'22	
direct	-2459 Jun 27 j 09:18	29°♉07'18	
	-2459 Jul 01 j 04:32	0°♊	
morning max el	-2459 Jul 05 j 04:59	2°♊51'08	18°28'07
asc. node	-2459 Jul 10 j 10:51	9°♊15'48	
morning set	-2459 Jul 21 j 07:31	28°♊26'28	
	-2459 Jul 22 j 03:00	0°♋	
superior conj	-2459 Jul 30 j 10:41	15°♋48'11	1°46'34
minimum elong	-2459 Jul 30 j 12:13	15°♋55'17	1°46'36
max. Earth dist.	-2459 Aug 06 j 19:01	28°♋59'19	1.40104 AU
	-2459 Aug 07 j 09:03	0°♌	
evening rise	-2459 Aug 11 j 05:56	6°♌33'53	
desc. node	-2459 Aug 20 j 19:45	21°♌52'47	
	-2459 Aug 26 j 05:33	0°♍	
evening max el	-2459 Sep 15 j 00:35	25°♍30'37	23°35'31
	-2459 Sep 20 j 10:03	0°♎	
retrograde	-2459 Sep 25 j 14:42	1°♎45'51	
	-2459 Sep 30 j 05:59	30°℞♍	
evening set	-2459 Sep 30 j 15:32	29°♍40'40	
min. Earth dist.	-2459 Oct 05 j 14:34	23°♍52'42	0.67468 AU
inferior conj	-2459 Oct 06 j 00:31	23°♍18'39	0°-8'-6
minimum elong	-2459 Oct 06 j 00:42	23°♍18'00	0°08'02
transit middle	-2459 Oct 06 j 00:42	23°♍18'00	0°08'02
transit begin	-2459 Oct 05 j 22:21	23°♍26'04	
transit end	-2459 Oct 06 j 03:04	23°♍09'56	
asc. node	-2459 Oct 06 j 09:56	22°♍46'27	
morning rise	-2459 Oct 11 j 09:59	17°♍06'52	
direct	-2459 Oct 15 j 10:52	15°♍35'18	
morning max el	-2459 Oct 23 j 22:37	20°♍34'35	21°07'59
greatest brilliancy	-2459 Oct 29 j 10:40	26°♍58'59	-0.5m
	-2459 Oct 31 j 17:49	0°♎	
desc. node	-2459 Nov 16 j 19:13	23°♎20'28	
	-2459 Nov 21 j 03:06	0°♏	
morning set	-2459 Nov 23 j 03:13	3°♏07'40	
max. Earth dist.	-2459 Dec 01 j 05:55	16°♏05'54	1.42511 AU
superior conj	-2459 Dec 08 j 08:22	27°♏56'36	-1°-50'-39
minimum elong	-2459 Dec 08 j 04:20	27°♏39'25	1°50'31
	-2459 Dec 09 j 13:13	0°♐	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening rise	-2459 Dec 19 j 21:04	18°♐13'43	
	-2459 Dec 26 j 11:46	0°♑	
asc. node	-2458 Jan 02 j 09:06	10°♑50'29	
evening max el	-2458 Jan 05 j 14:52	14°♑39'30	18°08'00
retrograde	-2458 Jan 12 j 07:10	18°♑06'14	
evening set	-2458 Jan 14 j 22:51	17°♑33'39	
inferior conj	-2458 Jan 21 j 14:25	12°♑31'30	3°58'25
minimum elong	-2458 Jan 21 j 14:12	12°♑32'01	3°58'21
min. Earth dist.	-2458 Jan 24 j 15:27	9°♑35'02	0.61486 AU
morning rise	-2458 Jan 28 j 03:06	6°♑43'24	
direct	-2458 Feb 04 j 02:12	4°♑18'17	
desc. node	-2458 Feb 12 j 18:26	7°♑30'56	
morning max el	-2458 Feb 18 j 04:03	12°♑04'22	27°40'15
	-2458 Mar 04 j 09:02	0°♒	
	-2458 Mar 21 j 10:33	0°♓	
morning set	-2458 Mar 22 j 20:03	2°♓50'00	
max. Earth dist.	-2458 Mar 28 j 21:46	15°♓40'53	1.32633 AU
superior conj	-2458 Mar 30 j 04:10	18°♓26'07	0°-12'-23
minimum elong	-2458 Mar 30 j 04:45	18°♓29'12	0°12'18
behind sun begin	-2458 Mar 30 j 01:31	18°♓11'40	
behind sun end	-2458 Mar 30 j 07:58	18°♓46'45	
asc. node	-2458 Mar 31 j 08:30	21°♓00'34	
	-2458 Apr 04 j 11:55	0°♈	
evening rise	-2458 Apr 06 j 04:14	3°♈34'28	
	-2458 Apr 20 j 11:40	0°♉	
evening max el	-2458 May 02 j 00:54	14°♉31'55	24°48'56
desc. node	-2458 May 11 j 17:29	20°♉54'35	
retrograde	-2458 May 16 j 00:57	21°♉37'30	
evening set	-2458 May 21 j 00:17	20°♉41'13	
min. Earth dist.	-2458 May 26 j 12:55	17°♉47'41	0.57244 AU
inferior conj	-2458 May 29 j 11:19	15°♉51'34	-4°-3'-14
minimum elong	-2458 May 29 j 06:37	15°♉59'22	4°02'29
morning rise	-2458 Jun 06 j 16:58	11°♉42'00	
direct	-2458 Jun 09 j 05:16	11°♉23'57	
morning max el	-2458 Jun 18 j 06:13	15°♉36'43	19°14'54
asc. node	-2458 Jun 27 j 07:54	27°♉48'33	
	-2458 Jun 28 j 14:12	0°♊	
morning set	-2458 Jul 05 j 05:42	12°♊38'17	
superior conj	-2458 Jul 13 j 13:10	29°♊06'20	1°48'01
minimum elong	-2458 Jul 13 j 12:33	29°♊03'24	1°48'04
	-2458 Jul 14 j 00:14	0°♋	
max. Earth dist.	-2458 Jul 19 j 21:12	11°♋03'58	1.38133 AU
evening rise	-2458 Jul 23 j 18:28	18°♋01'45	
	-2458 Jul 30 j 20:31	0°♌	
desc. node	-2458 Aug 07 j 16:46	12°♌14'43	
	-2458 Aug 20 j 12:39	0°♍	
evening max el	-2458 Aug 28 j 12:02	9°♍02'51	24°54'13
retrograde	-2458 Sep 09 j 03:19	15°♍48'59	
evening set	-2458 Sep 14 j 19:11	13°♍25'33	
min. Earth dist.	-2458 Sep 19 j 09:14	8°♍12'46	0.67144 AU
inferior conj	-2458 Sep 20 j 05:45	7°♍04'51	-1°-2'-25
minimum elong	-2458 Sep 20 j 07:15	6°♍59'53	1°01'46
asc. node	-2458 Sep 23 j 07:02	3°♍17'07	
morning rise	-2458 Sep 25 j 19:43	1°♍00'05	
	-2458 Sep 27 j 21:20	30°℞♌	
direct	-2458 Sep 29 j 08:41	29°♌47'38	
	-2458 Sep 30 j 21:00	0°♍	
morning max el	-2458 Oct 06 j 22:42	4°♍10'13	19°57'56
greatest brilliancy	-2458 Oct 14 j 10:20	13°♍26'17	-0.6m
	-2458 Oct 25 j 15:55	0°♎	
morning set	-2458 Nov 02 j 00:39	11°♎18'33	
desc. node	-2458 Nov 03 j 16:14	13°♎51'59	
max. Earth dist.	-2458 Nov 13 j 16:55	29°♎38'09	1.43961 AU
	-2458 Nov 13 j 22:23	0°♏	
superior conj	-2458 Nov 18 j 16:04	7°♏37'44	-1°-26'-58
minimum elong	-2458 Nov 18 j 08:44	7°♏07'57	1°26'19
evening rise	-2458 Dec 02 j 01:08	29°♏58'50	
	-2458 Dec 02 j 01:24	0°♐	
evening max el	-2458 Dec 20 j 03:28	27°♐56'04	18°15'16
asc. node	-2458 Dec 20 j 06:10	28°♐02'52	
	-2458 Dec 22 j 13:26	0°♑	
retrograde	-2458 Dec 26 j 15:55	1°♑26'41	
evening set	-2458 Dec 29 j 11:26	0°♑45'17	
	-2458 Dec 30 j 18:29	30°℞♐	
inferior conj	-2457 Jan 04 j 16:44	25°♐22'26	3°48'18
minimum elong	-2457 Jan 04 j 14:43	25°♐27'56	3°48'01
min. Earth dist.	-2457 Jan 07 j 03:49	22°♐41'31	0.63352 AU
morning rise	-2457 Jan 10 j 16:22	19°♐23'14	
direct	-2457 Jan 17 j 16:52	16°♐37'50	
desc. node	-2457 Jan 30 j 15:30	23°♐36'59	
morning max el	-2457 Jan 31 j 11:01	24°♐24'25	27°39'43
	-2457 Feb 05 j 13:29	0°♑	
	-2457 Feb 25 j 17:06	0°♒	
morning set	-2457 Mar 06 j 19:31	17°♒06'07	
max. Earth dist.	-2457 Mar 12 j 04:06	28°♒08'37	1.33175 AU
	-2457 Mar 13 j 01:06	0°♓	
superior conj	-2457 Mar 14 j 12:28	3°♓09'04	0°-38'-7
minimum elong	-2457 Mar 14 j 14:12	3°♓18'26	0°37'49
asc. node	-2457 Mar 18 j 05:32	11°♓09'01	
evening rise	-2457 Mar 21 j 15:57	18°♓28'37	
	-2457 Mar 27 j 09:10	0°♈	
evening max el	-2457 Apr 13 j 16:26	25°♈12'20	23°15'28
	-2457 Apr 20 j 01:58	0°♉	
retrograde	-2457 Apr 27 j 03:46	1°♉53'13	
desc. node	-2457 Apr 28 j 14:33	1°♉48'32	
evening set	-2457 Apr 30 j 18:20	1°♉24'45	
	-2457 May 04 j 13:23	30°℞♈	
min. Earth dist.	-2457 May 08 j 02:47	28°♈05'33	0.55794 AU
inferior conj	-2457 May 09 j 22:05	27°♈01'57	-2°-56'-44
minimum elong	-2457 May 09 j 15:39	27°♈11'26	2°54'59
morning rise	-2457 May 18 j 16:09	23°♈05'16	
direct	-2457 May 21 j 06:41	22°♈48'44	
morning max el	-2457 May 31 j 21:24	27°♈44'20	20°22'15
	-2457 Jun 03 j 02:31	0°♉	
asc. node	-2457 Jun 14 j 04:57	16°♉55'17	
morning set	-2457 Jun 19 j 10:28	27°♉12'08	
	-2457 Jun 20 j 19:19	0°♊	
superior conj	-2457 Jun 27 j 04:23	13°♊04'24	1°41'21
minimum elong	-2457 Jun 27 j 02:26	12°♊54'29	1°41'16
max. Earth dist.	-2457 Jul 02 j 03:09	22°♊52'22	1.36320 AU
	-2457 Jul 05 j 21:34	0°♋	
evening rise	-2457 Jul 06 j 05:15	0°♋35'31	
	-2457 Jul 23 j 23:51	0°♌	
desc. node	-2457 Jul 25 j 13:48	2°♌18'15	
evening max el	-2457 Aug 10 j 23:12	22°♌36'36	26°03'30
retrograde	-2457 Aug 23 j 11:13	29°♌44'05	
evening set	-2457 Aug 29 j 17:51	27°♌05'43	
min. Earth dist.	-2457 Sep 02 j 23:33	22°♌30'37	0.66490 AU
inferior conj	-2457 Sep 04 j 07:39	20°♌49'57	-1°-55'-58
minimum elong	-2457 Sep 04 j 10:25	20°♌41'17	1°54'53
morning rise	-2457 Sep 10 j 03:46	14°♌55'27	
asc. node	-2457 Sep 10 j 04:08	14°♌54'54	
direct	-2457 Sep 13 j 06:59	13°♌58'57	
morning max el	-2457 Sep 20 j 05:49	17°♌54'01	19°02'13
	-2457 Sep 29 j 10:48	0°♍	
morning set	-2457 Oct 12 j 10:51	20°♍13'05	
	-2457 Oct 18 j 16:07	0°♎	
desc. node	-2457 Oct 21 j 13:15	4°♎31'33	
max. Earth dist.	-2457 Oct 27 j 09:34	13°♎43'29	1.44772 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2457 Oct 28 j 23:41	16°♎13'55	0°-46'-34
minimum elong	-2457 Oct 28 j 17:53	15°♎51'02	0°45'52
	-2457 Nov 06 j 15:17	0°♏	
evening rise	-2457 Nov 13 j 06:54	10°♏45'33	
	-2457 Nov 25 j 05:13	0°♐	
evening max el	-2457 Dec 03 j 15:20	11°♐19'14	18°40'47
asc. node	-2457 Dec 07 j 03:15	14°♐08'54	
retrograde	-2457 Dec 10 j 08:02	15°♐04'17	
evening set	-2457 Dec 13 j 08:34	14°♐12'39	
inferior conj	-2457 Dec 19 j 06:05	8°♐31'34	3°22'59
minimum elong	-2457 Dec 19 j 03:12	8°♐40'14	3°22'20
min. Earth dist.	-2457 Dec 21 j 02:03	6°♐19'42	0.64893 AU
morning rise	-2457 Dec 24 j 20:42	2°♐24'13	
	-2457 Dec 28 j 21:33	30°℞♏	
direct	-2457 Dec 31 j 14:17	29°♏33'37	
	-2456 Jan 03 j 10:23	0°♐	
morning max el	-2456 Jan 13 j 20:34	7°♐13'47	27°05'28
desc. node	-2456 Jan 17 j 12:33	11°♐09'32	
	-2456 Jan 31 j 12:35	0°♑	
	-2456 Feb 17 j 23:21	0°♒	
morning set	-2456 Feb 18 j 09:36	0°♒49'22	
max. Earth dist.	-2456 Feb 23 j 01:16	10°♒03'53	1.34129 AU
superior conj	-2456 Feb 26 j 16:09	17°♒33'18	-1°-3'-3
minimum elong	-2456 Feb 26 j 18:55	17°♒47'49	1°02'38
	-2456 Mar 03 j 13:28	0°♓	
asc. node	-2456 Mar 04 j 02:35	1°♓09'00	
evening rise	-2456 Mar 05 j 02:20	3°♓13'15	
	-2456 Mar 20 j 06:37	0°♈	
evening max el	-2456 Mar 25 j 12:16	5°♈59'23	21°42'56
retrograde	-2456 Apr 06 j 20:03	11°♈58'01	
evening set	-2456 Apr 09 j 10:43	11°♈42'41	
desc. node	-2456 Apr 14 j 11:35	9°♈57'51	
inferior conj	-2456 Apr 18 j 19:11	7°♈39'52	-1°-12'-15
minimum elong	-2456 Apr 18 j 15:50	7°♈44'35	1°11'06
min. Earth dist.	-2456 Apr 18 j 16:14	7°♈44'01	0.55116 AU
morning rise	-2456 Apr 27 j 21:45	3°♈40'54	
direct	-2456 Apr 30 j 19:17	3°♈22'23	
morning max el	-2456 May 13 j 01:45	9°♈10'29	21°47'55
	-2456 May 27 j 17:39	0°♉	
asc. node	-2456 May 31 j 01:59	6°♉27'40	
morning set	-2456 Jun 02 j 19:35	12°♉01'44	
superior conj	-2456 Jun 10 j 04:32	27°♉31'20	1°28'34
minimum elong	-2456 Jun 10 j 01:59	27°♉17'58	1°28'19
	-2456 Jun 11 j 09:06	0°♊	
max. Earth dist.	-2456 Jun 13 j 17:26	4°♊49'08	1.34820 AU
evening rise	-2456 Jun 18 j 09:08	14°♊01'43	
	-2456 Jun 27 j 04:17	0°♋	
desc. node	-2456 Jul 11 j 10:50	21°♋55'19	
	-2456 Jul 17 j 19:01	0°♌	
evening max el	-2456 Jul 23 j 10:40	6°♌05'40	26°55'23
retrograde	-2456 Aug 05 j 14:05	13°♌24'51	
evening set	-2456 Aug 12 j 09:14	10°♌38'35	
min. Earth dist.	-2456 Aug 16 j 07:14	6°♌41'55	0.65474 AU
inferior conj	-2456 Aug 18 j 04:12	4°♌30'59	-2°-46'-45
minimum elong	-2456 Aug 18 j 07:58	4°♌20'02	2°45'29
	-2456 Aug 22 j 13:29	30°℞♋	
morning rise	-2456 Aug 24 j 07:57	28°♋49'58	
direct	-2456 Aug 27 j 03:46	28°♋06'00	
asc. node	-2456 Aug 27 j 01:11	28°♋06'04	
	-2456 Aug 31 j 20:19	0°♌	
morning max el	-2456 Sep 02 j 18:08	1°♌42'41	18°22'34
morning set	-2456 Sep 21 j 23:38	0°♍26'41	
	-2456 Sep 21 j 17:06	0°♍	
superior conj	-2456 Oct 06 j 23:50	24°♍34'43	0°02'50
minimum elong	-2456 Oct 07 j 00:12	24°♍36'10	0°02'46
behind sun begin	-2456 Oct 06 j 13:07	23°♍52'21	
behind sun end	-2456 Oct 07 j 11:16	25°♍19'55	
desc. node	-2456 Oct 07 j 10:18	25°♍16'07	
max. Earth dist.	-2456 Oct 09 j 03:59	28°♍00'32	1.44856 AU
	-2456 Oct 10 j 10:20	0°♎	
evening rise	-2456 Oct 23 j 12:17	20°♎31'09	
	-2456 Oct 29 j 13:34	0°♏	
greatest brilliancy	-2456 Nov 06 j 15:24	12°♏24'40	-0.7m
evening max el	-2456 Nov 16 j 00:06	24°♏45'29	19°23'19
retrograde	-2456 Nov 23 j 04:09	28°♏53'55	
asc. node	-2456 Nov 23 j 00:18	28°♏53'46	
evening set	-2456 Nov 26 j 11:29	27°♏50'06	
inferior conj	-2456 Dec 02 j 03:18	21°♏53'56	2°47'05
minimum elong	-2456 Dec 02 j 00:19	22°♏03'32	2°46'09
min. Earth dist.	-2456 Dec 03 j 09:15	20°♏17'33	0.66066 AU
morning rise	-2456 Dec 07 j 12:21	15°♏40'58	
direct	-2456 Dec 13 j 17:53	12°♏57'42	
morning max el	-2456 Dec 26 j 06:09	20°♏20'09	26°04'16
desc. node	-2455 Jan 03 j 09:37	29°♏43'30	
	-2455 Jan 03 j 14:46	0°♐	
	-2455 Jan 23 j 15:30	0°♑	
morning set	-2455 Jan 31 j 10:10	13°♑47'27	
max. Earth dist.	-2455 Feb 04 j 10:38	21°♑24'42	1.35531 AU
	-2455 Feb 08 j 18:45	0°♒	
superior conj	-2455 Feb 09 j 12:49	1°♒31'27	-1°-25'-44
minimum elong	-2455 Feb 09 j 16:11	1°♒48'33	1°25'20
evening rise	-2455 Feb 17 j 09:31	17°♒42'05	
asc. node	-2455 Feb 18 j 23:36	20°♒55'37	
	-2455 Feb 23 j 16:02	0°♓	
evening max el	-2455 Mar 07 j 17:38	17°♓15'43	20°22'16
retrograde	-2455 Mar 18 j 10:22	22°♓21'56	
evening set	-2455 Mar 20 j 16:01	22°♓09'29	
inferior conj	-2455 Mar 29 j 15:30	18°♓11'21	0°45'22
minimum elong	-2455 Mar 29 j 17:31	18°♓08'23	0°44'40
min. Earth dist.	-2455 Mar 31 j 06:23	17°♓14'07	0.55379 AU
desc. node	-2455 Apr 01 j 08:39	16°♓36'26	
morning rise	-2455 Apr 07 j 16:47	13°♓51'10	
direct	-2455 Apr 11 j 08:15	13°♓22'12	
morning max el	-2455 Apr 24 j 21:02	20°♓00'38	23°25'35
	-2455 May 03 j 06:18	0°♈	
asc. node	-2455 May 17 j 23:01	26°♈18'08	
morning set	-2455 May 18 j 07:03	27°♈00'03	
	-2455 May 19 j 17:10	0°♉	
superior conj	-2455 May 25 j 10:37	12°♉16'58	1°11'13
minimum elong	-2455 May 25 j 08:05	12°♉03'25	1°10'52
max. Earth dist.	-2455 May 27 j 17:18	17°♉07'52	1.33698 AU
evening rise	-2455 Jun 02 j 01:20	28°♉05'57	
	-2455 Jun 03 j 00:22	0°♊	
	-2455 Jun 20 j 09:11	0°♋	
desc. node	-2455 Jun 28 j 07:51	10°♋53'57	
evening max el	-2455 Jul 05 j 21:37	19°♋19'18	27°22'41
retrograde	-2455 Jul 19 j 11:27	26°♋42'01	
evening set	-2455 Jul 26 j 14:21	23°♋58'50	
min. Earth dist.	-2455 Jul 30 j 06:19	20°♋37'50	0.64083 AU
inferior conj	-2455 Aug 01 j 16:57	18°♋02'31	-3°-32'-3
minimum elong	-2455 Aug 01 j 21:06	17°♋51'29	3°30'59
morning rise	-2455 Aug 08 j 05:41	12°♋38'04	
direct	-2455 Aug 10 j 20:28	12°♋03'22	
asc. node	-2455 Aug 13 j 22:15	12°♋51'23	
morning max el	-2455 Aug 17 j 09:03	15°♋30'09	18°00'03
	-2455 Aug 27 j 14:35	0°♌	
morning set	-2455 Sep 03 j 15:13	11°♌57'00	
	-2455 Sep 14 j 08:29	0°♍	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2455 Sep 16 j 14:37	3°♍41'36	0°48'27	
minimum elong	-2455 Sep 16 j 19:33	4°♍01'40	0°47'51	
max. Earth dist.	-2455 Sep 21 j 20:53	12°♍10'04	1.44216 AU	
desc. node	-2455 Sep 24 j 07:18	16°♍01'45		
evening rise	-2455 Oct 02 j 22:06	29°♍28'24		
	-2455 Oct 03 j 06:17	0°♎		
	-2455 Oct 23 j 10:47	0°♏		
greatest brilliancy	-2455 Oct 23 j 16:37	0°♏19'47	-0.6m	
evening max el	-2455 Oct 30 j 03:58	8°♏12'35	20°21'06	
retrograde	-2455 Nov 07 j 01:34	12°♏51'39		
asc. node	-2455 Nov 09 j 21:21	12°♏05'39		
evening set	-2455 Nov 10 j 17:51	11°♏33'16		
inferior conj	-2455 Nov 16 j 05:46	5°♏25'27	2°03'42	
minimum elong	-2455 Nov 16 j 03:15	5°♏33'56	2°02'44	
min. Earth dist.	-2455 Nov 16 j 23:15	4°♏26'32	0.66875 AU	
	-2455 Nov 20 j 14:52	30°℞♎		
morning rise	-2455 Nov 21 j 12:05	29°♎09'26		
direct	-2455 Nov 27 j 02:59	26°♎42'22		
	-2455 Dec 04 j 16:11	0°♏		
morning max el	-2455 Dec 08 j 14:44	3°♏33'10	24°45'28	
desc. node	-2455 Dec 21 j 06:41	19°♏00'57		
	-2455 Dec 28 j 21:17	0°♐		
morning set	-2454 Jan 13 j 15:47	25°♐44'52		
	-2454 Jan 16 j 00:54	0°♑		
max. Earth dist.	-2454 Jan 17 j 09:31	2°♑28'26	1.37345 AU	
superior conj	-2454 Jan 23 j 23:21	14°♑55'03	-1°-44'-9	
minimum elong	-2454 Jan 24 j 02:31	15°♑10'26	1°43'57	
	-2454 Jan 31 j 13:30	0°♒		
evening rise	-2454 Feb 01 j 11:17	1°♒48'51		
asc. node	-2454 Feb 05 j 20:38	10°♒23'32		
evening max el	-2454 Feb 18 j 09:57	29°♒09'38	19°19'10	
	-2454 Feb 19 j 08:09	0°♓		
retrograde	-2454 Feb 27 j 10:52	3°♓28'29		
evening set	-2454 Mar 01 j 17:38	3°♓13'13		
	-2454 Mar 08 j 14:48	30°℞♒		
inferior conj	-2454 Mar 10 j 00:36	29°♒04'34	2°23'51	
minimum elong	-2454 Mar 10 j 05:19	28°♒56'42	2°22'31	
min. Earth dist.	-2454 Mar 12 j 21:31	27°♒10'34	0.56528 AU	
morning rise	-2454 Mar 18 j 13:09	24°♒13'42		
desc. node	-2454 Mar 19 j 05:43	23°♒59'45		
direct	-2454 Mar 23 j 08:24	23°♒20'39		
	-2454 Apr 05 j 21:29	0°♓		
morning max el	-2454 Apr 06 j 11:58	0°♓34'09	25°03'50	
	-2454 Apr 26 j 19:24	0°♈		
morning set	-2454 May 02 j 19:11	12°♈01'25		
asc. node	-2454 May 04 j 20:03	16°♈21'04		
superior conj	-2454 May 09 j 20:21	27°♈13'43	0°50'27	
minimum elong	-2454 May 09 j 18:20	27°♈02'41	0°50'07	
max. Earth dist.	-2454 May 11 j 01:08	29°♈49'57	1.32954 AU	
	-2454 May 11 j 03:00	0°♉		
evening rise	-2454 May 17 j 02:13	12°♉36'48		
	-2454 May 26 j 04:29	0°♊		
desc. node	-2454 Jun 15 j 04:50	28°♊57'59		
	-2454 Jun 16 j 04:00	0°♋		
evening max el	-2454 Jun 18 j 06:05	2°♋05'32	27°19'36	
retrograde	-2454 Jul 02 j 02:25	9°♋26'37		
evening set	-2454 Jul 09 j 05:30	7°♋00'15		
min. Earth dist.	-2454 Jul 12 j 19:35	4°♋06'45	0.62345 AU	
inferior conj	-2454 Jul 15 j 18:57	1°♋18'16	-4°-7'-49	
minimum elong	-2454 Jul 15 j 22:27	1°♋09'59	4°07'14	
	-2454 Jul 17 j 04:34	30°℞♊		
morning rise	-2454 Jul 22 j 17:53	26°♊13'19		
direct	-2454 Jul 25 j 05:59	25°♊45'12		
asc. node	-2454 Jul 31 j 19:20	28°♊59'36		
morning max el	-2454 Jul 31 j 23:49	29°♊10'28	17°55'40	
	-2454 Aug 01 j 19:04	0°♋		
morning set	-2454 Aug 17 j 04:30	24°♋29'32		
	-2454 Aug 20 j 06:15	0°♌		
superior conj	-2454 Aug 28 j 08:01	14°♌07'18	1°21'47	
minimum elong	-2454 Aug 28 j 13:11	14°♌29'18	1°21'19	
max. Earth dist.	-2454 Sep 04 j 10:01	25°♌56'27	1.42950 AU	
	-2454 Sep 06 j 22:10	0°♍		
desc. node	-2454 Sep 11 j 04:16	6°♍45'32		
evening rise	-2454 Sep 12 j 04:01	8°♍18'37		
	-2454 Sep 26 j 12:41	0°♎		
greatest brilliancy	-2454 Oct 08 j 01:25	15°♎52'38	-0.4m	
evening max el	-2454 Oct 13 j 01:54	21°♎39'13	21°31'09	
retrograde	-2454 Oct 21 j 22:11	26°♎54'21		
evening set	-2454 Oct 26 j 01:41	25°♎18'53		
asc. node	-2454 Oct 27 j 18:25	23°♎44'39		
inferior conj	-2454 Oct 31 j 11:17	19°♎02'49	1°15'00	
minimum elong	-2454 Oct 31 j 09:38	19°♎08'32	1°14'17	
min. Earth dist.	-2454 Oct 31 j 17:36	18°♎41'03	0.67351 AU	
morning rise	-2454 Nov 05 j 17:15	12°♎46'26		
direct	-2454 Nov 10 j 16:47	10°♎40'24		
morning max el	-2454 Nov 20 j 23:50	16°♎48'38	23°18'55	
greatest brilliancy	-2454 Nov 26 j 07:40	22°♎48'57	-0.2m	
	-2454 Dec 01 j 21:01	0°♏		
desc. node	-2454 Dec 08 j 03:42	8°♏48'37		
	-2454 Dec 21 j 22:54	0°♐		
morning set	-2454 Dec 25 j 20:03	6°♐23'57		
max. Earth dist.	-2454 Dec 30 j 04:46	13°♐50'47	1.39415 AU	
superior conj	-2453 Jan 06 j 19:31	27°♐31'53	-1°-55'-38	
minimum elong	-2453 Jan 06 j 21:08	27°♐39'25	1°55'39	
	-2453 Jan 08 j 03:17	0°♑		
evening rise	-2453 Jan 16 j 04:57	15°♑25'48		
asc. node	-2453 Jan 23 j 17:40	29°♑25'25		
	-2453 Jan 24 j 01:42	0°♒		
evening max el	-2453 Feb 01 j 11:29	11°♒36'14	18°35'45	
retrograde	-2453 Feb 09 j 05:29	15°♒22'43		
evening set	-2453 Feb 11 j 15:55	15°♒01'41		
inferior conj	-2453 Feb 19 j 05:30	10°♒33'35	3°26'38	
minimum elong	-2453 Feb 19 j 09:15	10°♒26'19	3°25'57	
min. Earth dist.	-2453 Feb 22 j 14:47	7°♒57'25	0.58294 AU	
morning rise	-2453 Feb 26 j 22:52	5°♒14'40		
direct	-2453 Mar 04 j 21:32	3°♒45'50		
desc. node	-2453 Mar 06 j 02:47	3°♒49'34		
morning max el	-2453 Mar 19 j 04:33	11°♒18'09	26°27'53	
	-2453 Apr 02 j 15:57	0°♓		
morning set	-2453 Apr 17 j 06:19	26°♓59'11		
	-2453 Apr 18 j 16:34	0°♈		
asc. node	-2453 Apr 21 j 17:05	6°♈30'55		
superior conj	-2453 Apr 24 j 07:52	12°♈14'17	0°27'14	
minimum elong	-2453 Apr 24 j 06:41	12°♈07'49	0°27'00	
max. Earth dist.	-2453 Apr 24 j 13:33	12°♈45'24	1.32559 AU	
evening rise	-2453 May 01 j 08:52	27°♈23'54		
	-2453 May 02 j 15:05	0°♉		
	-2453 May 19 j 16:48	0°♊		
evening max el	-2453 May 31 j 09:28	14°♊12'39	26°43'35	
desc. node	-2453 Jun 02 j 01:51	15°♊44'36		
retrograde	-2453 Jun 14 j 09:41	21°♊30'25		
evening set	-2453 Jun 21 j 02:21	19°♊34'14		
min. Earth dist.	-2453 Jun 24 j 22:55	16°♊54'23	0.60355 AU	
inferior conj	-2453 Jun 28 j 06:46	14°♊09'40	-4°-27'-42	
minimum elong	-2453 Jun 28 j 08:02	14°♊07'02	4°27'35	
morning rise	-2453 Jul 05 j 16:56	9°♊26'44		
direct	-2453 Jul 08 j 04:22	9°♊03'18		
morning max el	-2453 Jul 15 j 11:39	12°♊36'45	18°10'32	
asc. node	-2453 Jul 18 j 16:24	16°♊15'23		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2453 Jul 27 j 04:42	0°♋		
morning set	-2453 Jul 31 j 09:59	7°♋49'52		
superior conj	-2453 Aug 10 j 03:56	25°♋52'22	1°41'07	
minimum elong	-2453 Aug 10 j 06:55	26°♋05'48	1°41'00	
	-2453 Aug 12 j 11:31	0°♌		
max. Earth dist.	-2453 Aug 17 j 17:59	9°♌06'30	1.41219 AU	
evening rise	-2453 Aug 23 j 01:00	17°♌52'21		
desc. node	-2453 Aug 29 j 01:14	27°♌24'17		
	-2453 Aug 30 j 17:37	0°♍		
greatest brilliancy	-2453 Sep 20 j 19:20	29°♍33'42	-0.3m	
	-2453 Sep 21 j 04:03	0°♎		
evening max el	-2453 Sep 25 j 18:12	5°♎06'30	22°49'12	
retrograde	-2453 Oct 05 j 16:33	11°♎00'01		
evening set	-2453 Oct 10 j 09:16	9°♎05'41		
asc. node	-2453 Oct 14 j 15:30	4°♎15'54		
inferior conj	-2453 Oct 15 j 18:03	2°♎44'51	0°22'50	
minimum elong	-2453 Oct 15 j 17:31	2°♎46'42	0°22'36	
min. Earth dist.	-2453 Oct 15 j 13:56	2°♎59'03	0.67514 AU	
	-2453 Oct 17 j 19:06	30°℞♍		
morning rise	-2453 Oct 21 j 01:43	26°♍30'47		
direct	-2453 Oct 25 j 10:27	24°♍47'04		
	-2453 Nov 03 j 08:59	0°♎		
morning max el	-2453 Nov 03 j 12:58	0°♎10'05	21°53'42	
greatest brilliancy	-2453 Nov 08 j 09:09	5°♎40'11	-0.4m	
desc. node	-2453 Nov 25 j 00:44	28°♎58'04		
	-2453 Nov 25 j 17:12	0°♏		
morning set	-2453 Dec 05 j 19:21	15°♏39'05		
max. Earth dist.	-2453 Dec 12 j 04:22	26°♏02'59	1.41462 AU	
	-2453 Dec 14 j 12:50	0°♐		
superior conj	-2453 Dec 19 j 20:04	9°♐08'56	-1°-56'-32	
minimum elong	-2453 Dec 19 j 18:28	9°♐01'50	1°56'35	
evening rise	-2453 Dec 30 j 11:15	28°♐25'53		
	-2453 Dec 31 j 07:38	0°♑		
asc. node	-2452 Jan 10 j 14:42	17°♑53'12		
evening max el	-2452 Jan 15 j 19:33	24°♑28'01	18°12'24	
retrograde	-2452 Jan 22 j 18:14	27°♑58'11		
evening set	-2452 Jan 25 j 08:00	27°♑30'04		
inferior conj	-2452 Feb 01 j 06:42	22°♑40'00	3°54'47	
minimum elong	-2452 Feb 01 j 07:54	22°♑37'18	3°54'40	
min. Earth dist.	-2452 Feb 04 j 13:23	19°♑44'09	0.60323 AU	
morning rise	-2452 Feb 08 j 04:52	17°♑00'21		
direct	-2452 Feb 14 j 22:07	14°♑53'51		
desc. node	-2452 Feb 20 j 23:53	16°♑28'21		
morning max el	-2452 Feb 29 j 03:02	22°♑36'16	27°23'59	
	-2452 Mar 06 j 16:54	0°♒		
	-2452 Mar 25 j 15:59	0°♓		
morning set	-2452 Mar 31 j 14:40	11°♓47'05		
max. Earth dist.	-2452 Apr 07 j 02:45	25°♓41'26	1.32507 AU	
superior conj	-2452 Apr 07 j 19:28	27°♓12'48	0°02'22	
minimum elong	-2452 Apr 07 j 19:21	27°♓12'13	0°02'20	
behind sun begin	-2452 Apr 07 j 14:22	26°♓44'58		
behind sun end	-2452 Apr 08 j 00:20	27°♓39'29		
asc. node	-2452 Apr 07 j 14:06	26°♓43'29		
	-2452 Apr 09 j 02:00	0°♈		
evening rise	-2452 Apr 14 j 18:59	12°♈19'12		
	-2452 Apr 23 j 19:59	0°♉		
evening max el	-2452 May 12 j 06:09	25°♉35'34	25°37'13	
	-2452 May 17 j 18:23	0°♊		
desc. node	-2452 May 18 j 22:55	0°♊42'16		
retrograde	-2452 May 26 j 07:43	2°♊48'10		
evening set	-2452 Jun 01 j 01:20	1°♊30'05		
	-2452 Jun 03 j 21:05	30°℞♉		
min. Earth dist.	-2452 Jun 05 j 18:18	28°♉46'20	0.58318 AU	
inferior conj	-2452 Jun 09 j 00:43	26°♉26'24	-4°-22'-15	
minimum elong	-2452 Jun 08 j 22:15	26°♉30'50	4°22'01	
morning rise	-2452 Jun 16 j 23:06	22°♉05'59		
direct	-2452 Jun 19 j 10:59	21°♉46'12		
morning max el	-2452 Jun 27 j 17:37	25°♉40'07	18°45'33	
	-2452 Jul 01 j 13:00	0°♊		
asc. node	-2452 Jul 04 j 13:28	4°♊23'37		
morning set	-2452 Jul 14 j 03:05	21°♊45'31		
	-2452 Jul 18 j 08:23	0°♋		
superior conj	-2452 Jul 22 j 20:58	8°♋41'34	1°48'21	
minimum elong	-2452 Jul 22 j 21:30	8°♋44'07	1°48'23	
max. Earth dist.	-2452 Jul 29 j 21:11	21°♋32'33	1.39257 AU	
evening rise	-2452 Aug 02 j 22:52	28°♋37'03		
	-2452 Aug 03 j 18:26	0°♌		
desc. node	-2452 Aug 14 j 22:14	17°♌53'39		
	-2452 Aug 23 j 05:06	0°♍		
evening max el	-2452 Sep 07 j 06:31	18°♍35'33	24°09'36	
retrograde	-2452 Sep 18 j 07:35	25°♍05'03		
evening set	-2452 Sep 23 j 14:52	22°♍51'33		
min. Earth dist.	-2452 Sep 28 j 09:52	17°♍18'28	0.67369 AU	
inferior conj	-2452 Sep 29 j 00:19	16°♍29'35	0°-31'-9	
minimum elong	-2452 Sep 29 j 01:04	16°♍27'04	0°30'49	
asc. node	-2452 Sep 30 j 12:36	14°♍29'03		
morning rise	-2452 Oct 04 j 11:31	10°♍20'40		
direct	-2452 Oct 08 j 07:02	8°♍57'46		
morning max el	-2452 Oct 16 j 08:52	13°♍40'19	20°36'39	
greatest brilliancy	-2452 Oct 22 j 13:28	21°♍02'47	-0.5m	
	-2452 Oct 28 j 23:40	0°♎		
desc. node	-2452 Nov 10 j 21:45	19°♎22'31		
morning set	-2452 Nov 13 j 20:22	23°♎55'20		
	-2452 Nov 17 j 17:39	0°♏		
max. Earth dist.	-2452 Nov 23 j 11:05	9°♏07'46	1.43193 AU	
superior conj	-2452 Nov 29 j 19:29	19°♏32'47	-1°-42'-47	
minimum elong	-2452 Nov 29 j 13:43	19°♏08'47	1°42'26	
	-2452 Dec 05 j 23:24	0°♐		
evening rise	-2452 Dec 12 j 02:10	10°♐40'23		
	-2452 Dec 23 j 10:38	0°♑		
asc. node	-2452 Dec 27 j 11:45	5°♑36'21		
evening max el	-2452 Dec 29 j 07:14	7°♑36'53	18°08'47	
retrograde	-2451 Jan 04 j 21:01	11°♑04'18		
evening set	-2451 Jan 07 j 14:07	10°♑28'13		
inferior conj	-2451 Jan 14 j 00:58	5°♑16'55	3°56'22	
minimum elong	-2451 Jan 13 j 23:53	5°♑19'43	3°56'15	
min. Earth dist.	-2451 Jan 16 j 20:23	2°♑24'49	0.62304 AU	
	-2451 Jan 19 j 12:27	30°℞♐		
morning rise	-2451 Jan 20 j 07:32	29°♐23'18		
direct	-2451 Jan 27 j 08:13	26°♐47'49		
	-2451 Feb 04 j 21:37	0°♑		
desc. node	-2451 Feb 06 j 20:59	1°♑29'14		
morning max el	-2451 Feb 10 j 07:38	4°♑35'29	27°44'34	
	-2451 Mar 01 j 09:01	0°♒		
morning set	-2451 Mar 15 j 18:09	26°♒17'53		
	-2451 Mar 17 j 13:28	0°♓		
max. Earth dist.	-2451 Mar 21 j 12:43	8°♓23'34	1.32811 AU	
superior conj	-2451 Mar 23 j 05:30	12°♓03'39	0°-23'-19	
minimum elong	-2451 Mar 23 j 06:34	12°♓09'28	0°23'08	
asc. node	-2451 Mar 25 j 11:08	16°♓54'54		
evening rise	-2451 Mar 30 j 06:39	27°♓15'54		
	-2451 Mar 31 j 14:01	0°♈		
	-2451 Apr 18 j 04:35	0°♉		
evening max el	-2451 Apr 23 j 22:02	6°♉25'11	24°09'55	
desc. node	-2451 May 05 j 19:59	13°♉14'39		
retrograde	-2451 May 07 j 18:32	13°♉23'17		
evening set	-2451 May 12 j 03:38	12°♉40'28		
min. Earth dist.	-2451 May 18 j 09:33	9°♉37'19	0.56548 AU	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2451 May 20 j 22:39	8°♉01'50	-3°-40'-21
minimum elong	-2451 May 20 j 16:44	8°♉11'09	3°39'07
morning rise	-2451 May 29 j 09:48	3°♉59'25	
direct	-2451 May 31 j 22:35	3°♉42'25	
morning max el	-2451 Jun 10 j 14:59	8°♉11'37	19°41'07
asc. node	-2451 Jun 21 j 10:31	23°♉12'15	
	-2451 Jun 25 j 01:59	0°♊	
morning set	-2451 Jun 28 j 04:24	6°♊07'50	
superior conj	-2451 Jul 06 j 05:29	22°♊18'59	1°46'03
minimum elong	-2451 Jul 06 j 04:13	22°♊12'39	1°46'04
	-2451 Jul 10 j 04:19	0°♋	
max. Earth dist.	-2451 Jul 11 j 23:52	3°♋25'48	1.37329 AU
evening rise	-2451 Jul 15 j 21:33	10°♋34'55	
	-2451 Jul 27 j 11:00	0°♌	
desc. node	-2451 Aug 01 j 19:15	8°♌08'34	
	-2451 Aug 18 j 15:31	0°♍	
evening max el	-2451 Aug 20 j 17:27	2°♍08'04	25°25'13
retrograde	-2451 Sep 01 j 18:26	9°♍05'22	
evening set	-2451 Sep 07 j 16:40	6°♍34'50	
min. Earth dist.	-2451 Sep 12 j 03:01	1°♍37'46	0.66908 AU
inferior conj	-2451 Sep 13 j 04:23	0°♍15'30	-1°-25'-21
minimum elong	-2451 Sep 13 j 06:26	0°♍08'50	1°24'30
	-2451 Sep 13 j 09:09	30°℞♌	
asc. node	-2451 Sep 17 j 09:41	25°♌22'58	
morning rise	-2451 Sep 18 j 20:47	24°♌14'40	
direct	-2451 Sep 22 j 05:12	23°♌09'38	
morning max el	-2451 Sep 29 j 12:08	27°♌19'44	19°32'17
	-2451 Oct 01 j 21:42	0°♍	
greatest brilliancy	-2451 Oct 08 j 09:28	8°♍43'43	-0.7m
	-2451 Oct 22 j 09:14	0°♎	
morning set	-2451 Oct 23 j 20:25	2°♎16'34	
desc. node	-2451 Oct 28 j 18:45	9°♎57'33	
max. Earth dist.	-2451 Nov 06 j 00:11	22°♎53'35	1.44387 AU
superior conj	-2451 Nov 09 j 15:46	28°♎42'13	-1°-11'-36
minimum elong	-2451 Nov 09 j 08:19	28°♎12'25	1°10'49
	-2451 Nov 10 j 11:11	0°♏	
evening rise	-2451 Nov 23 j 21:10	22°♏00'47	
	-2451 Nov 28 j 15:31	0°♐	
evening max el	-2451 Dec 12 j 19:46	20°♐56'15	18°24'02
asc. node	-2451 Dec 14 j 08:49	22°♐21'57	
retrograde	-2451 Dec 19 j 09:16	24°♐32'02	
evening set	-2451 Dec 22 j 06:39	23°♐46'38	
inferior conj	-2451 Dec 28 j 08:22	18°♐15'57	3°39'08
minimum elong	-2451 Dec 28 j 05:53	18°♐23'03	3°38'40
min. Earth dist.	-2451 Dec 30 j 13:08	15°♐45'48	0.64044 AU
morning rise	-2450 Jan 03 j 03:40	12°♐12'49	
direct	-2450 Jan 10 j 02:05	9°♐23'04	
morning max el	-2450 Jan 23 j 16:00	17°♐09'00	27°29'00
desc. node	-2450 Jan 24 j 18:03	18°♐15'16	
	-2450 Feb 03 j 10:17	0°♑	
	-2450 Feb 22 j 03:33	0°♒	
morning set	-2450 Feb 27 j 14:03	10°♒21'22	
max. Earth dist.	-2450 Mar 04 j 15:21	20°♒37'20	1.33516 AU
superior conj	-2450 Mar 07 j 12:04	26°♒39'27	0°-48'-52
minimum elong	-2450 Mar 07 j 14:17	26°♒51'12	0°48'30
	-2450 Mar 09 j 01:39	0°♓	
asc. node	-2450 Mar 12 j 08:09	7°♓00'12	
evening rise	-2450 Mar 14 j 17:59	12°♓06'25	
	-2450 Mar 23 j 23:49	0°♈	
evening max el	-2450 Apr 05 j 14:40	17°♈05'27	22°35'24
retrograde	-2450 Apr 18 j 16:33	23°♈30'30	
evening set	-2450 Apr 21 j 18:56	23°♈09'27	
desc. node	-2450 Apr 22 j 17:04	22°♈55'28	
min. Earth dist.	-2450 Apr 29 j 23:25	19°♈35'21	0.55394 AU

inferior conj	-2450 May 01 j 02:30	18°♈56'40	-2°-16'-10
minimum elong	-2450 Apr 30 j 20:48	19°♈04'50	2°14'24
morning rise	-2450 May 10 j 00:57	15°♈00'52	
direct	-2450 May 12 j 17:18	14°♈44'13	
morning max el	-2450 May 24 j 01:38	20°♈02'09	20°56'34
	-2450 Jun 01 j 03:16	0°♉	
asc. node	-2450 Jun 08 j 07:33	12°♉30'44	
morning set	-2450 Jun 12 j 11:16	20°♉48'55	
	-2450 Jun 16 j 21:29	0°♊	
superior conj	-2450 Jun 20 j 00:55	6°♊30'29	1°36'34
minimum elong	-2450 Jun 19 j 22:37	6°♊18'40	1°36'25
max. Earth dist.	-2450 Jun 24 j 08:40	15°♊13'44	1.35643 AU
evening rise	-2450 Jun 28 j 16:16	23°♊33'01	
	-2450 Jul 02 j 04:29	0°♋	
desc. node	-2450 Jul 19 j 16:17	28°♋01'49	
	-2450 Jul 21 j 02:10	0°♌	
evening max el	-2450 Aug 03 j 04:51	15°♌41'12	26°28'10
retrograde	-2450 Aug 16 j 00:23	22°♌54'59	
evening set	-2450 Aug 22 j 12:34	20°♌12'28	
min. Earth dist.	-2450 Aug 26 j 14:57	15°♌53'27	0.66102 AU
inferior conj	-2450 Aug 28 j 04:18	13°♌59'34	-2°-17'-59
minimum elong	-2450 Aug 28 j 07:31	13°♌49'43	2°16'48
morning rise	-2450 Sep 03 j 03:27	8°♌10'08	
asc. node	-2450 Sep 04 j 06:45	7°♌38'53	
direct	-2450 Sep 06 j 03:12	7°♌19'23	
morning max el	-2450 Sep 12 j 21:40	11°♌05'51	18°43'12
	-2450 Sep 26 j 08:46	0°♍	
morning set	-2450 Oct 03 j 17:12	11°♍43'04	
	-2450 Oct 15 j 05:44	0°♎	
desc. node	-2450 Oct 15 j 15:46	0°♎39'33	
superior conj	-2450 Oct 19 j 17:33	7°♎04'37	0°-25'-58
minimum elong	-2450 Oct 19 j 14:07	6°♎51'08	0°25'33
max. Earth dist.	-2450 Oct 19 j 17:43	7°♎05'19	1.44898 AU
	-2450 Nov 03 j 05:12	0°♏	
evening rise	-2450 Nov 04 j 16:31	2°♏21'01	
	-2450 Nov 22 j 14:43	0°♐	
evening max el	-2450 Nov 26 j 06:40	4°♐21'39	18°56'59
asc. node	-2450 Dec 01 j 05:53	7°♐55'25	
retrograde	-2450 Dec 03 j 03:19	8°♐15'19	
evening set	-2450 Dec 06 j 06:32	7°♐18'47	
inferior conj	-2450 Dec 12 j 01:24	1°♐31'11	3°08'51
minimum elong	-2450 Dec 11 j 22:24	1°♐40'30	3°08'02
	-2450 Dec 13 j 06:47	30°℞♏	
min. Earth dist.	-2450 Dec 13 j 15:19	29°♏33'48	0.65440 AU
morning rise	-2450 Dec 17 j 13:17	25°♏21'21	
direct	-2450 Dec 24 j 02:23	22°♏32'15	
	-2449 Jan 05 j 23:02	0°♐	
morning max el	-2449 Jan 06 j 01:32	0°♐06'15	26°42'12
desc. node	-2449 Jan 11 j 15:06	6°♐16'29	
	-2449 Jan 28 j 08:50	0°♑	
morning set	-2449 Feb 10 j 22:54	23°♑46'45	
	-2449 Feb 14 j 03:59	0°♒	
max. Earth dist.	-2449 Feb 15 j 07:23	2°♒15'56	1.34668 AU
superior conj	-2449 Feb 19 j 13:06	10°♒53'34	-1°-13'-3
minimum elong	-2449 Feb 19 j 16:12	11°♒09'35	1°12'37
evening rise	-2449 Feb 27 j 03:13	26°♒44'51	
asc. node	-2449 Feb 27 j 05:11	26°♒55'02	
	-2449 Feb 28 j 17:15	0°♓	
evening max el	-2449 Mar 18 j 14:15	28°♓03'12	21°06'48
	-2449 Mar 20 j 20:08	0°♈	
retrograde	-2449 Mar 30 j 05:58	3°♈39'09	
evening set	-2449 Apr 01 j 15:14	3°♈25'57	
desc. node	-2449 Apr 09 j 14:07	0°♈11'36	
	-2449 Apr 09 j 22:26	30°℞♓	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2449 Apr 10 j 21:23	29°♓27'39	0°-21'-59
minimum elong	-2449 Apr 10 j 20:21	29°♓29'07	0°21'38
min. Earth dist.	-2449 Apr 11 j 13:03	29°♓05'30	0.55116 AU
morning rise	-2449 Apr 20 j 00:51	25°♓21'40	
direct	-2449 Apr 23 j 04:51	24°♓59'51	
	-2449 May 04 j 18:01	0°♈	
morning max el	-2449 May 06 j 01:31	1°♈10'28	22°28'25
	-2449 May 25 j 02:35	0°♉	
asc. node	-2449 May 26 j 04:35	2°♉11'21	
morning set	-2449 May 27 j 21:35	5°♉42'41	
superior conj	-2449 Jun 04 j 03:52	21°♉05'53	1°21'41
minimum elong	-2449 Jun 04 j 01:15	20°♉52'04	1°21'23
max. Earth dist.	-2449 Jun 07 j 03:19	27°♉19'50	1.34305 AU
	-2449 Jun 08 j 10:30	0°♊	
evening rise	-2449 Jun 12 j 01:53	7°♊16'51	
	-2449 Jun 24 j 18:27	0°♋	
desc. node	-2449 Jul 06 j 13:18	17°♋23'54	
evening max el	-2449 Jul 16 j 16:32	29°♋05'46	27°10'25
	-2449 Jul 17 j 15:37	0°♌	
retrograde	-2449 Jul 30 j 00:46	6°♌26'20	
evening set	-2449 Aug 05 j 23:57	3°♌40'13	
	-2449 Aug 09 j 18:55	30°℞♋	
min. Earth dist.	-2449 Aug 09 j 19:15	29°♋59'06	0.64932 AU
inferior conj	-2449 Aug 11 j 21:51	27°♋37'12	-3°-6'-51
minimum elong	-2449 Aug 12 j 01:52	27°♋25'54	3°05'37
morning rise	-2449 Aug 18 j 05:15	22°♋02'36	
direct	-2449 Aug 20 j 22:42	21°♋22'48	
asc. node	-2449 Aug 22 j 03:49	21°♋30'41	
morning max el	-2449 Aug 27 j 11:20	24°♋54'04	18°10'46
	-2449 Aug 31 j 16:10	0°♌	
morning set	-2449 Sep 14 j 17:52	22°♌30'56	
	-2449 Sep 19 j 06:12	0°♍	
superior conj	-2449 Sep 28 j 21:26	15°♍37'40	0°23'20
minimum elong	-2449 Sep 29 j 00:15	15°♍48'56	0°22'58
max. Earth dist.	-2449 Oct 02 j 12:20	21°♍22'55	1.44674 AU
desc. node	-2449 Oct 02 j 12:45	21°♍24'35	
	-2449 Oct 07 j 23:51	0°♎	
evening rise	-2449 Oct 15 j 12:20	11°♎42'51	
	-2449 Oct 27 j 09:42	0°♏	
greatest brilliancy	-2449 Nov 01 j 17:46	7°♏52'18	-0.6m
evening max el	-2449 Nov 09 j 13:35	17°♏48'30	19°46'13
retrograde	-2449 Nov 17 j 00:11	22°♏08'44	
asc. node	-2449 Nov 18 j 02:56	22°♏01'34	
evening set	-2449 Nov 20 j 11:10	20°♏58'50	
inferior conj	-2449 Nov 26 j 01:06	14°♏57'17	2°29'25
minimum elong	-2449 Nov 25 j 22:16	15°♏06'39	2°28'26
min. Earth dist.	-2449 Nov 27 j 01:30	13°♏37'04	0.66458 AU
morning rise	-2449 Dec 01 j 08:42	8°♏42'59	
direct	-2449 Dec 07 j 08:15	6°♏05'57	
morning max el	-2449 Dec 19 j 10:33	13°♏15'41	25°32'19
desc. node	-2449 Dec 29 j 12:09	25°♏10'23	
	-2448 Jan 02 j 01:08	0°♐	
	-2448 Jan 21 j 02:45	0°♑	
morning set	-2448 Jan 24 j 16:03	6°♑20'06	
max. Earth dist.	-2448 Jan 28 j 11:55	13°♑26'15	1.36265 AU
superior conj	-2448 Feb 03 j 05:51	24°♑37'41	-1°-34'-13
minimum elong	-2448 Feb 03 j 09:15	24°♑54'42	1°33'53
	-2448 Feb 05 j 21:51	0°♒	
evening rise	-2448 Feb 11 j 08:21	11°♒04'45	
asc. node	-2448 Feb 14 j 02:13	16°♒34'11	
	-2448 Feb 21 j 13:01	0°♓	
evening max el	-2448 Feb 29 j 00:12	9°♓34'23	19°53'01
retrograde	-2448 Mar 09 j 23:10	14°♓19'07	
evening set	-2448 Mar 12 j 04:44	14°♓05'52	

inferior conj	-2448 Mar 20 j 21:36	10°♓04'26	1°31'02
minimum elong	-2448 Mar 21 j 01:16	9°♓58'46	1°29'49
min. Earth dist.	-2448 Mar 23 j 03:07	8°♓42'16	0.55773 AU
desc. node	-2448 Mar 26 j 11:10	6°♓51'20	
morning rise	-2448 Mar 29 j 18:45	5°♓32'02	
direct	-2448 Apr 02 j 21:21	4°♓54'44	
morning max el	-2448 Apr 16 j 18:04	11°♓49'27	24°08'18
	-2448 Apr 30 j 12:18	0°♈	
morning set	-2448 May 11 j 09:34	20°♈43'18	
asc. node	-2448 May 12 j 01:37	22°♈07'51	
	-2448 May 15 j 17:43	0°♉	
superior conj	-2448 May 18 j 11:45	5°♉57'07	1°02'46
minimum elong	-2448 May 18 j 09:23	5°♉44'21	1°02'24
max. Earth dist.	-2448 May 20 j 07:10	9°♉50'23	1.33336 AU
evening rise	-2448 May 25 j 22:11	21°♉33'42	
	-2448 May 30 j 05:36	0°♊	
	-2448 Jun 17 j 16:27	0°♋	
desc. node	-2448 Jun 22 j 10:17	6°♋02'01	
evening max el	-2448 Jun 28 j 02:46	12°♋09'50	27°25'17
retrograde	-2448 Jul 11 j 19:21	19°♋31'42	
evening set	-2448 Jul 18 j 23:39	16°♋53'46	
min. Earth dist.	-2448 Jul 22 j 14:05	13°♋46'05	0.63388 AU
inferior conj	-2448 Jul 25 j 06:27	11°♋03'31	-3°-48'-43
minimum elong	-2448 Jul 25 j 10:30	10°♋53'17	3°47'48
morning rise	-2448 Jul 31 j 23:24	5°♋47'08	
direct	-2448 Aug 03 j 12:54	5°♋15'25	
asc. node	-2448 Aug 08 j 00:53	6°♋53'41	
morning max el	-2448 Aug 10 j 02:36	8°♋40'04	17°55'56
	-2448 Aug 24 j 05:35	0°♌	
morning set	-2448 Aug 26 j 19:29	4°♌30'29	
superior conj	-2448 Sep 07 j 23:03	25°♌17'11	1°04'19
minimum elong	-2448 Sep 08 j 04:32	25°♌39'57	1°03'43
	-2448 Sep 10 j 19:45	0°♍	
max. Earth dist.	-2448 Sep 14 j 04:26	5°♍26'51	1.43751 AU
desc. node	-2448 Sep 18 j 09:44	12°♍10'01	
evening rise	-2448 Sep 23 j 18:14	20°♍31'36	
	-2448 Sep 29 j 22:47	0°♎	
greatest brilliancy	-2448 Oct 16 j 21:10	24°♎26'44	-0.5m
	-2448 Oct 21 j 10:44	0°♏	
evening max el	-2448 Oct 22 j 14:57	1°♏15'16	20°49'30
retrograde	-2448 Oct 30 j 21:35	6°♏09'15	
evening set	-2448 Nov 03 j 18:25	4°♏43'41	
asc. node	-2448 Nov 04 j 00:00	4°♏33'02	
	-2448 Nov 08 j 03:00	30°℞♎	
inferior conj	-2448 Nov 09 j 05:08	28°♎31'38	1°43'31
minimum elong	-2448 Nov 09 j 02:57	28°♎39'07	1°42'39
min. Earth dist.	-2448 Nov 09 j 17:39	27°♎48'58	0.67120 AU
morning rise	-2448 Nov 14 j 11:03	22°♎15'10	
direct	-2448 Nov 19 j 19:17	19°♎57'01	
morning max el	-2448 Nov 30 j 19:14	26°♎30'32	24°09'00
	-2448 Dec 04 j 00:49	0°♏	
desc. node	-2448 Dec 15 j 09:12	14°♏41'47	
	-2448 Dec 25 j 15:59	0°♐	
morning set	-2447 Jan 05 j 11:38	17°♐45'50	
max. Earth dist.	-2447 Jan 09 j 08:38	24°♐34'43	1.38212 AU
	-2447 Jan 12 j 08:15	0°♑	
superior conj	-2447 Jan 16 j 10:47	7°♑42'23	-1°-50'-4
minimum elong	-2447 Jan 16 j 13:30	7°♑55'17	1°49'59
evening rise	-2447 Jan 25 j 07:02	24°♑59'41	
	-2447 Jan 27 j 20:35	0°♒	
asc. node	-2447 Jan 30 j 23:15	5°♒51'54	
evening max el	-2447 Feb 10 j 20:37	21°♒42'15	18°58'11
retrograde	-2447 Feb 19 j 07:15	25°♒45'51	
evening set	-2447 Feb 21 j 15:21	25°♒28'28	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2447 Mar 01 j 14:43	21°♒11'59	2°55'08
minimum elong	-2447 Mar 01 j 19:22	21°♒03'42	2°54'00
min. Earth dist.	-2447 Mar 04 j 18:55	18°♒57'37	0.57216 AU
morning rise	-2447 Mar 09 j 19:25	16°♒08'02	
desc. node	-2447 Mar 13 j 08:16	15°♒08'34	
direct	-2447 Mar 15 j 02:40	15°♒01'02	
morning max el	-2447 Mar 29 j 09:13	22°♒24'32	25°42'28
	-2447 Apr 05 j 02:16	0°♓	
	-2447 Apr 23 j 02:41	0°♈	
morning set	-2447 Apr 25 j 21:29	5°♈44'00	
asc. node	-2447 Apr 28 j 22:39	12°♈14'17	
superior conj	-2447 May 02 j 22:27	20°♈56'16	0°40'52
minimum elong	-2447 May 02 j 20:45	20°♈46'58	0°40'33
max. Earth dist.	-2447 May 03 j 17:20	22°♈39'15	1.32733 AU
	-2447 May 07 j 02:55	0°♉	
evening rise	-2447 May 10 j 01:47	6°♉12'15	
	-2447 May 22 j 19:41	0°♊	
desc. node	-2447 Jun 09 j 07:19	23°♊36'41	
evening max el	-2447 Jun 10 j 09:06	24°♊39'52	27°08'18
	-2447 Jun 17 j 08:42	0°♋	
retrograde	-2447 Jun 24 j 07:23	2°♋00'27	
	-2447 Jun 30 j 21:54	30°℞♊	
evening set	-2447 Jul 01 j 07:36	29°♊45'02	
min. Earth dist.	-2447 Jul 04 j 22:52	26°♊59'42	0.61517 AU
inferior conj	-2447 Jul 08 j 02:52	24°♊10'02	-4°-18'-42
minimum elong	-2447 Jul 08 j 05:38	24°♊03'49	4°18'20
morning rise	-2447 Jul 15 j 06:30	19°♊14'35	
direct	-2447 Jul 17 j 18:04	18°♊48'45	
morning max el	-2447 Jul 24 j 16:35	22°♊16'05	17°59'39
asc. node	-2447 Jul 25 j 21:57	23°♊32'46	
	-2447 Jul 30 j 16:41	0°♋	
morning set	-2447 Aug 09 j 16:18	17°♋25'05	
	-2447 Aug 16 j 14:33	0°♌	
superior conj	-2447 Aug 20 j 04:19	6°♌18'47	1°31'37
minimum elong	-2447 Aug 20 j 08:42	6°♌37'52	1°31'18
max. Earth dist.	-2447 Aug 27 j 15:12	18°♌58'24	1.42258 AU
evening rise	-2447 Sep 03 j 04:34	29°♌34'55	
	-2447 Sep 03 j 10:55	0°♍	
desc. node	-2447 Sep 05 j 06:43	2°♍52'15	
	-2447 Sep 23 j 14:17	0°♎	
greatest brilliancy	-2447 Sep 30 j 15:56	9°♎18'06	-0.4m
evening max el	-2447 Oct 05 j 10:15	14°♎41'44	22°03'36
retrograde	-2447 Oct 14 j 17:35	20°♎13'47	
evening set	-2447 Oct 19 j 02:24	18°♎30'30	
asc. node	-2447 Oct 21 j 21:04	15°♎39'08	
inferior conj	-2447 Oct 24 j 11:28	12°♎11'42	0°53'11
minimum elong	-2447 Oct 24 j 10:15	12°♎15'52	0°52'40
min. Earth dist.	-2447 Oct 24 j 13:16	12°♎05'26	0.67456 AU
morning rise	-2447 Oct 29 j 17:54	5°♎55'44	
direct	-2447 Nov 03 j 10:53	3°♎59'19	
morning max el	-2447 Nov 13 j 05:48	9°♎48'51	22°41'57
greatest brilliancy	-2447 Nov 17 j 22:44	15°♎05'49	-0.3m
	-2447 Nov 29 j 01:18	0°♏	
desc. node	-2447 Dec 02 j 06:14	4°♏39'46	
morning set	-2447 Dec 17 j 03:44	27°♏49'35	
	-2447 Dec 18 j 11:24	0°♐	
max. Earth dist.	-2447 Dec 22 j 04:40	6°♐14'55	1.40301 AU
superior conj	-2447 Dec 29 j 23:20	19°♐55'44	-1°-57'-33
minimum elong	-2447 Dec 29 j 23:47	19°♐57'48	1°57'38
	-2446 Jan 04 j 10:06	0°♑	
evening rise	-2446 Jan 08 j 20:21	8°♑22'20	
asc. node	-2446 Jan 17 j 20:18	24°♑40'56	
	-2446 Jan 21 j 08:37	0°♒	
evening max el	-2446 Jan 25 j 01:21	4°♒21'21	18°23'26
retrograde	-2446 Feb 01 j 09:53	7°♒59'04	
evening set	-2446 Feb 03 j 21:41	7°♒35'16	
inferior conj	-2446 Feb 11 j 04:36	2°♒58'16	3°42'21
minimum elong	-2446 Feb 11 j 07:19	2°♒52'38	3°41'58
min. Earth dist.	-2446 Feb 14 j 14:25	0°♒10'22	0.59139 AU
	-2446 Feb 14 j 19:44	30°℞♑	
morning rise	-2446 Feb 18 j 13:27	27°♑29'20	
direct	-2446 Feb 24 j 21:24	25°♑43'42	
desc. node	-2446 Feb 28 j 05:21	26°♑12'01	
	-2446 Mar 07 j 07:38	0°♒	
morning max el	-2446 Mar 11 j 04:10	3°♒22'05	26°55'46
	-2446 Mar 30 j 12:59	0°♓	
morning set	-2446 Apr 10 j 07:40	20°♓38'41	
	-2446 Apr 14 j 16:52	0°♈	
asc. node	-2446 Apr 15 j 19:42	2°♈26'14	
superior conj	-2446 Apr 17 j 10:14	5°♈57'13	0°16'51
minimum elong	-2446 Apr 17 j 09:29	5°♈53'07	0°16'41
max. Earth dist.	-2446 Apr 17 j 06:21	5°♈35'56	1.32487 AU
evening rise	-2446 Apr 24 j 10:11	21°♈03'58	
	-2446 Apr 28 j 19:51	0°♉	
	-2446 May 17 j 12:18	0°♊	
evening max el	-2446 May 23 j 09:37	6°♊27'57	26°18'44
desc. node	-2446 May 27 j 04:22	9°♊41'22	
retrograde	-2446 Jun 06 j 11:20	13°♊44'42	
evening set	-2446 Jun 12 j 19:28	12°♊04'23	
min. Earth dist.	-2446 Jun 16 j 22:43	9°♊24'45	0.59473 AU
inferior conj	-2446 Jun 20 j 07:29	6°♊47'48	-4°-29'-11
minimum elong	-2446 Jun 20 j 07:18	6°♊48'09	4°29'08
morning rise	-2446 Jun 27 j 22:44	2°♊14'34	
direct	-2446 Jun 30 j 10:06	1°♊52'57	
morning max el	-2446 Jul 08 j 02:18	5°♊33'51	18°22'54
asc. node	-2446 Jul 12 j 19:01	11°♊12'27	
	-2446 Jul 23 j 14:17	0°♋	
morning set	-2446 Jul 24 j 03:11	1°♋01'28	
superior conj	-2446 Aug 02 j 09:54	18°♋32'57	1°45'30
minimum elong	-2446 Aug 02 j 11:49	18°♋41'44	1°45'29
	-2446 Aug 08 j 19:28	0°♌	
max. Earth dist.	-2446 Aug 09 j 20:18	1°♌47'29	1.40398 AU
evening rise	-2446 Aug 14 j 11:38	9°♌37'27	
desc. node	-2446 Aug 23 j 03:43	23°♌27'39	
	-2446 Aug 27 j 11:22	0°♍	
evening max el	-2446 Sep 18 j 00:37	28°♍09'55	23°23'33
	-2446 Sep 19 j 23:03	0°♎	
retrograde	-2446 Sep 28 j 10:41	4°♎19'36	
evening set	-2446 Oct 03 j 09:21	2°♎17'18	
	-2446 Oct 05 j 15:26	30°℞♍	
inferior conj	-2446 Oct 08 j 18:16	25°♍55'33	0°00'05
minimum elong	-2446 Oct 08 j 18:15	25°♍55'34	0°00'05
transit middle	-2446 Oct 08 j 18:15	25°♍55'34	0°00'05
transit begin	-2446 Oct 08 j 15:33	26°♍04'51	
transit end	-2446 Oct 08 j 20:58	25°♍46'17	
min. Earth dist.	-2446 Oct 08 j 09:51	26°♍24'23	0.67490 AU
asc. node	-2446 Oct 08 j 18:10	25°♍55'52	
morning rise	-2446 Oct 14 j 03:11	19°♍43'03	
direct	-2446 Oct 18 j 06:06	18°♍08'17	
morning max el	-2446 Oct 26 j 21:27	23°♍13'27	21°19'29
greatest brilliancy	-2446 Nov 01 j 04:37	29°♍21'03	-0.4m
	-2446 Nov 01 j 16:50	0°♎	
desc. node	-2446 Nov 19 j 03:14	24°♎56'19	
	-2446 Nov 22 j 10:38	0°♏	
morning set	-2446 Nov 26 j 15:45	6°♏33'51	
max. Earth dist.	-2446 Dec 04 j 06:43	18°♏48'34	1.42252 AU
	-2446 Dec 10 j 23:02	0°♐	
superior conj	-2446 Dec 11 j 13:50	1°♐03'26	-1°-52'-45

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2446 Dec 11 j 10:27	0°♐48'53	1°52'40
evening rise	-2446 Dec 22 j 20:38	21°♐03'57	
	-2446 Dec 27 j 19:40	0°♑	
asc. node	-2445 Jan 04 j 17:22	12°♑51'26	
evening max el	-2445 Jan 08 j 11:24	17°♑21'54	18°08'33
retrograde	-2445 Jan 15 j 04:58	20°♑49'00	
evening set	-2445 Jan 17 j 20:13	20°♑17'33	
inferior conj	-2445 Jan 24 j 13:31	15°♑18'30	3°58'09
minimum elong	-2445 Jan 24 j 13:39	15°♑18'09	3°58'06
min. Earth dist.	-2445 Jan 27 j 16:15	12°♑21'31	0.61190 AU
morning rise	-2445 Jan 31 j 04:33	9°♑32'32	
direct	-2445 Feb 07 j 02:32	7°♑11'52	
desc. node	-2445 Feb 15 j 02:26	9°♑55'41	
morning max el	-2445 Feb 21 j 05:08	14°♑56'51	27°37'10
	-2445 Mar 05 j 10:57	0°♒	
	-2445 Mar 22 j 22:47	0°♓	
morning set	-2445 Mar 25 j 14:11	5°♓19'55	
max. Earth dist.	-2445 Mar 31 j 18:32	18°♓27'04	1.32592 AU
superior conj	-2445 Apr 01 j 21:22	20°♓53'09	0°-8'-29
minimum elong	-2445 Apr 01 j 21:45	20°♓55'16	0°08'26
behind sun begin	-2445 Apr 01 j 17:26	20°♓31'43	
behind sun end	-2445 Apr 02 j 02:04	21°♓18'50	
asc. node	-2445 Apr 02 j 16:44	22°♓38'53	
	-2445 Apr 06 j 01:43	0°♈	
evening rise	-2445 Apr 08 j 21:11	6°♈00'41	
	-2445 Apr 21 j 15:14	0°♉	
evening max el	-2445 May 05 j 04:01	17°♉35'04	25°01'58
desc. node	-2445 May 14 j 01:26	23°♉41'36	
retrograde	-2445 May 19 j 04:39	24°♉42'32	
evening set	-2445 May 24 j 08:58	23°♉40'54	
min. Earth dist.	-2445 May 29 j 16:03	20°♉50'20	0.57512 AU
inferior conj	-2445 Jun 01 j 17:01	18°♉47'36	-4°-9'-34
minimum elong	-2445 Jun 01 j 12:52	18°♉54'39	4°08'59
morning rise	-2445 Jun 09 j 20:45	14°♉35'19	
direct	-2445 Jun 12 j 08:58	14°♉16'48	
morning max el	-2445 Jun 21 j 04:48	18°♉24'12	19°06'39
asc. node	-2445 Jun 29 j 16:05	29°♉39'11	
	-2445 Jun 29 j 21:03	0°♊	
morning set	-2445 Jul 08 j 00:09	15°♊09'34	
	-2445 Jul 15 j 12:35	0°♋	
superior conj	-2445 Jul 16 j 10:06	1°♋44'09	1°48'22
minimum elong	-2445 Jul 16 j 09:47	1°♋42'35	1°48'26
max. Earth dist.	-2445 Jul 22 j 22:47	13°♋58'07	1.38421 AU
evening rise	-2445 Jul 26 j 20:28	20°♋54'31	
	-2445 Aug 01 j 05:20	0°♌	
desc. node	-2445 Aug 10 j 00:43	13°♌51'53	
	-2445 Aug 21 j 11:38	0°♍	
evening max el	-2445 Aug 31 j 12:18	11°♍41'47	24°42'53
retrograde	-2445 Sep 11 j 23:54	18°♍23'38	
evening set	-2445 Sep 17 j 13:34	16°♍02'41	
min. Earth dist.	-2445 Sep 22 j 04:53	10°♍44'38	0.67215 AU
inferior conj	-2445 Sep 22 j 23:48	9°♍41'39	0°-54'-9
minimum elong	-2445 Sep 23 j 01:07	9°♍37'18	0°53'36
asc. node	-2445 Sep 25 j 15:14	6°♍20'25	
morning rise	-2445 Sep 28 j 13:01	3°♍35'46	
direct	-2445 Oct 02 j 03:39	2°♍20'40	
morning max el	-2445 Oct 09 j 20:27	6°♍47'57	20°07'34
greatest brilliancy	-2445 Oct 16 j 22:47	15°♍29'25	-0.6m
	-2445 Oct 26 j 22:03	0°♎	
morning set	-2445 Nov 05 j 13:21	14°♎44'06	
desc. node	-2445 Nov 06 j 00:15	15°♎26'18	
	-2445 Nov 15 j 07:00	0°♏	
max. Earth dist.	-2445 Nov 16 j 16:56	2°♏15'19	1.43786 AU
superior conj	-2445 Nov 22 j 01:39	10°♏55'44	-1°-31'-43
minimum elong	-2445 Nov 21 j 18:36	10°♏26'54	1°31'08
	-2445 Dec 03 j 10:29	0°♐	
evening rise	-2445 Dec 05 j 03:41	2°♐57'06	
	-2445 Dec 22 j 09:52	0°♑	
asc. node	-2445 Dec 22 j 14:25	0°♑12'08	
evening max el	-2445 Dec 22 j 23:49	0°♑36'28	18°12'56
retrograde	-2445 Dec 29 j 12:18	4°♑05'51	
evening set	-2444 Jan 01 j 07:12	3°♑25'50	
	-2444 Jan 05 j 18:11	30°℞♐	
inferior conj	-2444 Jan 07 j 13:50	28°♐05'47	3°50'56
minimum elong	-2444 Jan 07 j 12:02	28°♐10'38	3°50'41
min. Earth dist.	-2444 Jan 10 j 03:05	25°♐21'34	0.63093 AU
morning rise	-2444 Jan 13 j 15:08	22°♐07'54	
direct	-2444 Jan 20 j 15:57	19°♐24'44	
desc. node	-2444 Feb 01 j 23:32	25°♐45'37	
morning max el	-2444 Feb 03 j 11:35	27°♐11'35	27°42'07
	-2444 Feb 06 j 03:55	0°♑	
	-2444 Feb 27 j 01:54	0°♒	
morning set	-2444 Mar 08 j 14:46	19°♒39'53	
	-2444 Mar 13 j 14:51	0°♓	
max. Earth dist.	-2444 Mar 14 j 01:58	0°♓59'00	1.33068 AU
superior conj	-2444 Mar 16 j 06:08	5°♓38'05	0°-34'-15
minimum elong	-2444 Mar 16 j 07:42	5°♓46'32	0°33'58
asc. node	-2444 Mar 19 j 13:46	12°♓48'10	
evening rise	-2444 Mar 23 j 08:55	20°♓55'31	
	-2444 Mar 27 j 19:40	0°♈	
evening max el	-2444 Apr 15 j 19:22	28°♈16'42	23°29'37
	-2444 Apr 17 j 17:15	0°♉	
retrograde	-2444 Apr 29 j 09:27	5°♉02'42	
desc. node	-2444 Apr 29 j 22:31	5°♉02'02	
evening set	-2444 May 03 j 04:43	4°♉30'56	
min. Earth dist.	-2444 May 10 j 06:02	1°♉16'21	0.55966 AU
inferior conj	-2444 May 12 j 06:32	0°♉04'09	-3°-9'-37
minimum elong	-2444 May 12 j 00:04	0°♉13'49	3°07'57
	-2444 May 12 j 09:19	30°℞♈	
morning rise	-2444 May 20 j 22:53	26°♈06'34	
direct	-2444 May 23 j 12:54	25°♈49'59	
	-2444 Jun 02 j 04:36	0°♉	
morning max el	-2444 Jun 02 j 21:37	0°♉38'09	20°11'00
asc. node	-2444 Jun 15 j 13:07	18°♉41'29	
morning set	-2444 Jun 21 j 04:06	29°♉40'40	
	-2444 Jun 21 j 07:54	0°♊	
superior conj	-2444 Jun 28 j 23:42	15°♊37'15	1°42'47
minimum elong	-2444 Jun 28 j 21:53	15°♊28'10	1°42'45
max. Earth dist.	-2444 Jul 04 j 03:44	25°♊47'07	1.36569 AU
	-2444 Jul 06 j 09:10	0°♋	
evening rise	-2444 Jul 08 j 04:13	3°♋19'11	
	-2444 Jul 24 j 05:07	0°♌	
desc. node	-2444 Jul 26 j 21:44	3°♌58'40	
evening max el	-2444 Aug 12 j 23:15	25°♌15'03	25°54'03
	-2444 Aug 18 j 17:20	0°♍	
retrograde	-2444 Aug 25 j 08:32	2°♍20'19	
	-2444 Aug 31 j 05:17	30°℞♌	
evening set	-2444 Aug 31 j 13:06	29°♌43'41	
min. Earth dist.	-2444 Sep 04 j 19:57	25°♌02'57	0.66610 AU
inferior conj	-2444 Sep 06 j 02:18	23°♌26'53	-1°-47'-57
minimum elong	-2444 Sep 06 j 04:53	23°♌18'42	1°46'56
morning rise	-2444 Sep 11 j 21:24	17°♌30'45	
asc. node	-2444 Sep 11 j 12:17	17°♌45'29	
direct	-2444 Sep 15 j 01:53	16°♌32'12	
morning max el	-2444 Sep 22 j 02:37	20°♌30'50	19°09'33
	-2444 Sep 29 j 13:47	0°♍	
morning set	-2444 Oct 14 j 20:20	23°♍28'35	
	-2444 Oct 19 j 00:11	0°♎	
desc. node	-2444 Oct 22 j 21:14	6°♎04'49	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2444 Oct 29 j 08:45	16°♎16'20	1.44697 AU	
superior conj	-2444 Oct 31 j 12:06	19°♎39'15	0°-53'-31	
minimum elong	-2444 Oct 31 j 05:40	19°♎13'47	0°52'47	
	-2444 Nov 06 j 23:49	0°♏		
evening rise	-2444 Nov 15 j 12:59	13°♏52'57		
	-2444 Nov 25 j 09:58	0°♐		
evening max el	-2444 Dec 05 j 11:53	13°♐58'46	18°35'50	
asc. node	-2444 Dec 08 j 11:27	16°♐29'06		
retrograde	-2444 Dec 12 j 03:35	17°♐41'16		
evening set	-2444 Dec 15 j 03:13	16°♐51'21		
inferior conj	-2444 Dec 21 j 01:44	11°♐12'48	3°27'38	
minimum elong	-2444 Dec 20 j 22:56	11°♐21'07	3°27'00	
min. Earth dist.	-2444 Dec 22 j 23:58	8°♐55'54	0.64684 AU	
morning rise	-2444 Dec 26 j 17:27	5°♐06'22		
direct	-2443 Jan 02 j 12:24	2°♐15'33		
morning max el	-2443 Jan 15 j 21:00	9°♐57'48	27°12'32	
desc. node	-2443 Jan 18 j 20:35	13°♐07'09		
	-2443 Jan 31 j 16:55	0°♑		
	-2443 Feb 18 j 10:57	0°♒		
morning set	-2443 Feb 20 j 06:31	3°♒29'19		
max. Earth dist.	-2443 Feb 25 j 00:43	12°♒59'54	1.33952 AU	
superior conj	-2443 Feb 28 j 10:39	20°♒05'52	0°-59'-23	
minimum elong	-2443 Feb 28 j 13:17	20°♒19'44	0°58'58	
	-2443 Mar 05 j 02:40	0°♓		
asc. node	-2443 Mar 06 j 10:47	2°♓49'59		
evening rise	-2443 Mar 07 j 19:37	5°♓42'17		
	-2443 Mar 21 j 03:40	0°♈		
evening max el	-2443 Mar 28 j 14:08	9°♈01'29	21°56'15	
retrograde	-2443 Apr 10 j 03:13	15°♈07'45		
evening set	-2443 Apr 12 j 20:21	14°♈51'19		
desc. node	-2443 Apr 16 j 19:35	13°♈34'26		
inferior conj	-2443 Apr 22 j 05:03	10°♈46'16	-1°-29'-50	
minimum elong	-2443 Apr 22 j 00:57	10°♈52'02	1°28'26	
min. Earth dist.	-2443 Apr 21 j 19:37	10°♈59'32	0.55156 AU	
morning rise	-2443 May 01 j 06:49	6°♈48'47		
direct	-2443 May 04 j 02:35	6°♈31'02		
morning max el	-2443 May 16 j 03:40	12°♈11'18	21°34'07	
	-2443 May 29 j 02:10	0°♉		
asc. node	-2443 Jun 02 j 10:10	8°♉10'45		
morning set	-2443 Jun 05 j 12:40	14°♉28'30		
superior conj	-2443 Jun 12 j 22:44	0°♊00'52	1°30'50	
minimum elong	-2443 Jun 12 j 20:13	29°♉47'48	1°30'37	
	-2443 Jun 12 j 22:34	0°♊		
max. Earth dist.	-2443 Jun 16 j 16:24	7°♊40'42	1.35021 AU	
evening rise	-2443 Jun 21 j 05:52	16°♊38'46		
	-2443 Jun 28 j 13:38	0°♋		
desc. node	-2443 Jul 13 j 18:44	23°♋40'21		
	-2443 Jul 18 j 14:26	0°♌		
evening max el	-2443 Jul 26 j 10:38	8°♌45'09	26°49'01	
retrograde	-2443 Aug 08 j 12:16	16°♌03'28		
evening set	-2443 Aug 15 j 05:43	13°♌17'48		
min. Earth dist.	-2443 Aug 19 j 04:47	9°♌15'23	0.65650 AU	
inferior conj	-2443 Aug 20 j 23:46	7°♌08'37	-2°-39'-22	
minimum elong	-2443 Aug 21 j 03:24	6°♌57'53	2°38'06	
morning rise	-2443 Aug 27 j 02:18	1°♌25'21		
asc. node	-2443 Aug 29 j 09:21	0°♌41'36		
direct	-2443 Aug 29 j 23:00	0°♌39'48		
morning max el	-2443 Sep 05 j 14:16	4°♌18'51	18°27'20	
	-2443 Sep 23 j 01:16	0°♍		
morning set	-2443 Sep 25 j 04:46	3°♍29'16		
desc. node	-2443 Oct 09 j 18:12	26°♍48'30		
superior conj	-2443 Oct 10 j 11:48	27°♍57'58	0°-4'-43	
minimum elong	-2443 Oct 10 j 11:11	27°♍55'31	0°04'39	
behind sun begin	-2443 Oct 10 j 00:18	27°♍12'32		
behind sun end	-2443 Oct 10 j 22:05	28°♍38'29		
	-2443 Oct 11 j 18:46	0°♎		
max. Earth dist.	-2443 Oct 12 j 02:47	0°♎31'34	1.44888 AU	
evening rise	-2443 Oct 26 j 21:49	23°♎46'50		
	-2443 Oct 30 j 20:34	0°♏		
greatest brilliancy	-2443 Nov 08 j 16:43	13°♏45'17	-0.7m	
evening max el	-2443 Nov 18 j 21:14	27°♏24'51	19°16'02	
	-2443 Nov 21 j 20:31	0°♐		
asc. node	-2443 Nov 25 j 08:29	1°♐27'09		
retrograde	-2443 Nov 25 j 23:14	1°♐29'17		
evening set	-2443 Nov 29 j 05:24	0°♐27'31		
	-2443 Nov 29 j 21:20	30°℞♏		
inferior conj	-2443 Dec 04 j 21:57	24°♏33'32	2°53'04	
minimum elong	-2443 Dec 04 j 18:56	24°♏43'09	2°52'10	
min. Earth dist.	-2443 Dec 06 j 05:57	22°♏51'30	0.65913 AU	
morning rise	-2443 Dec 10 j 07:37	18°♏21'14		
direct	-2443 Dec 16 j 15:13	15°♏36'03		
morning max el	-2443 Dec 29 j 06:35	23°♏02'16	26°14'45	
	-2442 Jan 04 j 11:36	0°♐		
desc. node	-2442 Jan 05 j 17:37	1°♐33'16		
	-2442 Jan 25 j 00:10	0°♑		
morning set	-2442 Feb 03 j 09:23	16°♑35'08		
max. Earth dist.	-2442 Feb 07 j 11:42	24°♑24'42	1.35290 AU	
	-2442 Feb 10 j 07:25	0°♒		
superior conj	-2442 Feb 12 j 08:31	4°♒08'35	-1°-22'-31	
minimum elong	-2442 Feb 12 j 11:51	4°♒25'32	1°22'07	
evening rise	-2442 Feb 20 j 03:23	20°♒13'51		
asc. node	-2442 Feb 21 j 07:49	22°♒39'02		
	-2442 Feb 25 j 01:07	0°♓		
evening max el	-2442 Mar 10 j 17:58	20°♓12'54	20°33'19	
retrograde	-2442 Mar 21 j 16:51	25°♓26'42		
evening set	-2442 Mar 23 j 22:58	25°♓14'19		
inferior conj	-2442 Apr 02 j 00:31	21°♓16'48	0°28'05	
minimum elong	-2442 Apr 02 j 01:48	21°♓14'56	0°27'38	
min. Earth dist.	-2442 Apr 03 j 09:44	20°♓28'32	0.55280 AU	
desc. node	-2442 Apr 03 j 16:40	20°♓18'35		
morning rise	-2442 Apr 11 j 02:44	17°♓00'37		
direct	-2442 Apr 14 j 14:51	16°♓33'52		
morning max el	-2442 Apr 28 j 00:00	23°♓05'46	23°10'35	
	-2442 May 04 j 02:45	0°♈		
asc. node	-2442 May 20 j 07:12	27°♈58'54		
morning set	-2442 May 20 j 23:54	29°♈25'50		
	-2442 May 21 j 06:25	0°♉		
superior conj	-2442 May 28 j 04:05	14°♉44'14	1°14'06	
minimum elong	-2442 May 28 j 01:31	14°♉30'32	1°13'45	
max. Earth dist.	-2442 May 30 j 14:55	19°♉55'57	1.33845 AU	
evening rise	-2442 Jun 04 j 20:31	0°♊38'19		
	-2442 Jun 04 j 12:48	0°♊		
	-2442 Jun 21 j 13:35	0°♋		
desc. node	-2442 Jun 30 j 15:46	12°♋45'48		
evening max el	-2442 Jul 08 j 21:53	22°♋02'20	27°20'27	
retrograde	-2442 Jul 22 j 10:30	29°♋24'42		
evening set	-2442 Jul 29 j 12:35	26°♋40'25		
min. Earth dist.	-2442 Aug 02 j 05:22	23°♋14'16	0.64314 AU	
inferior conj	-2442 Aug 04 j 13:51	20°♋42'12	-3°-25'-46	
minimum elong	-2442 Aug 04 j 18:01	20°♋31'00	3°24'37	
morning rise	-2442 Aug 11 j 01:10	15°♋14'54		
direct	-2442 Aug 13 j 16:32	14°♋39'00		
asc. node	-2442 Aug 16 j 06:25	15°♋13'18		
morning max el	-2442 Aug 20 j 04:57	18°♋06'49	18°02'12	
	-2442 Aug 28 j 20:48	0°♌		
morning set	-2442 Sep 06 j 16:41	14°♌49'20		
	-2442 Sep 15 j 17:44	0°♍		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2442 Sep 19 j 23:18	6°♍54'57	0°42'13
minimum elong	-2442 Sep 20 j 03:49	7°♍13'18	0°41'40
max. Earth dist.	-2442 Sep 24 j 20:09	14°♍43'38	1.44355 AU
desc. node	-2442 Sep 26 j 15:12	17°♍34'16	
	-2442 Oct 04 j 13:57	0°♎	
evening rise	-2442 Oct 06 j 09:48	2°♎49'33	
	-2442 Oct 24 j 11:39	0°♏	
greatest brilliancy	-2442 Oct 26 j 07:31	2°♏32'52	-0.6m
evening max el	-2442 Nov 02 j 01:59	10°♏52'17	20°11'41
retrograde	-2442 Nov 09 j 20:32	15°♏26'12	
asc. node	-2442 Nov 12 j 05:33	14°♏53'38	
evening set	-2442 Nov 13 j 11:23	14°♏10'07	
inferior conj	-2442 Nov 18 j 23:46	8°♏03'55	2°10'37
minimum elong	-2442 Nov 18 j 21:09	8°♏12'41	2°09'40
min. Earth dist.	-2442 Nov 19 j 19:02	6°♏59'26	0.66778 AU
morning rise	-2442 Nov 24 j 06:21	1°♏48'20	
	-2442 Nov 26 j 22:09	30°℞♎	
direct	-2442 Nov 29 j 23:34	29°♎18'23	
	-2442 Dec 03 j 06:31	0°♏	
morning max el	-2442 Dec 11 j 15:10	6°♏14'24	24°57'55
desc. node	-2442 Dec 23 j 14:39	20°♏45'03	
	-2442 Dec 30 j 02:32	0°♐	
morning set	-2441 Jan 16 j 18:10	28°♐42'25	
	-2441 Jan 17 j 11:33	0°♑	
max. Earth dist.	-2441 Jan 20 j 11:46	5°♑28'42	1.37057 AU
superior conj	-2441 Jan 26 j 20:48	17°♑38'00	-1°-41'-44
minimum elong	-2441 Jan 27 j 00:04	17°♑54'01	1°41'31
	-2441 Feb 02 j 01:31	0°♒	
evening rise	-2441 Feb 04 j 06:06	4°♒24'17	
asc. node	-2441 Feb 08 j 04:51	12°♒10'08	
	-2441 Feb 19 j 10:35	0°♓	
evening max el	-2441 Feb 21 j 08:42	2°♓01'02	19°27'18
retrograde	-2441 Mar 02 j 14:58	6°♓25'56	
evening set	-2441 Mar 04 j 21:22	6°♓11'16	
inferior conj	-2441 Mar 13 j 06:58	2°♓04'50	2°11'05
minimum elong	-2441 Mar 13 j 11:33	1°♓57'22	2°09'44
min. Earth dist.	-2441 Mar 16 j 00:30	0°♓18'43	0.56314 AU
	-2441 Mar 16 j 12:30	30°℞♒	
morning rise	-2441 Mar 21 j 22:02	27°♒18'48	
desc. node	-2441 Mar 21 j 13:44	27°♒26'09	
direct	-2441 Mar 26 j 13:00	26°♒30'13	
	-2441 Apr 05 j 05:29	0°♓	
morning max el	-2441 Apr 09 j 15:02	3°♓39'12	24°49'47
	-2441 Apr 28 j 05:04	0°♈	
morning set	-2441 May 05 j 12:03	14°♈27'00	
asc. node	-2441 May 07 j 04:15	18°♈00'09	
superior conj	-2441 May 12 j 13:25	29°♈39'33	0°53'48
minimum elong	-2441 May 12 j 11:17	29°♈28'00	0°53'26
	-2441 May 12 j 17:11	0°♉	
max. Earth dist.	-2441 May 13 j 21:50	2°♉35'10	1.33043 AU
evening rise	-2441 May 19 j 20:19	15°♉05'49	
	-2441 May 27 j 13:57	0°♊	
	-2441 Jun 16 j 15:49	0°♋	
desc. node	-2441 Jun 17 j 12:49	0°♋59'39	
evening max el	-2441 Jun 21 j 06:59	4°♋53'54	27°22'09
retrograde	-2441 Jul 05 j 02:22	12°♋14'57	
evening set	-2441 Jul 12 j 06:05	9°♋45'17	
min. Earth dist.	-2441 Jul 15 j 20:05	6°♋48'27	0.62624 AU
inferior conj	-2441 Jul 18 j 17:42	4°♋01'08	-4°-3'-20
minimum elong	-2441 Jul 18 j 21:23	3°♋52'14	4°02'38
	-2441 Jul 23 j 11:29	30°℞♊	
morning rise	-2441 Jul 25 j 15:02	28°♊53'02	
direct	-2441 Jul 28 j 03:29	28°♊24'01	
	-2441 Aug 01 j 16:19	0°♋	
asc. node	-2441 Aug 03 j 03:31	1°♋10'10	
morning max el	-2441 Aug 03 j 19:56	1°♋48'48	17°55'08
morning set	-2441 Aug 20 j 03:11	27°♋14'12	
	-2441 Aug 21 j 16:24	0°♌	
superior conj	-2441 Aug 31 j 12:35	17°♌08'37	1°17'40
minimum elong	-2441 Aug 31 j 17:55	17°♌31'14	1°17'09
max. Earth dist.	-2441 Sep 07 j 10:17	28°♌35'47	1.43176 AU
	-2441 Sep 08 j 07:04	0°♍	
desc. node	-2441 Sep 13 j 12:11	8°♍18'40	
evening rise	-2441 Sep 15 j 15:07	11°♍37'58	
	-2441 Sep 27 j 17:49	0°♎	
greatest brilliancy	-2441 Oct 10 j 20:46	18°♎19'36	-0.4m
evening max el	-2441 Oct 16 j 00:51	24°♎19'07	21°20'05
retrograde	-2441 Oct 24 j 17:23	29°♎28'28	
evening set	-2441 Oct 28 j 19:08	27°♎55'35	
asc. node	-2441 Oct 30 j 02:38	26°♎45'52	
inferior conj	-2441 Nov 03 j 04:59	21°♎40'29	1°22'36
minimum elong	-2441 Nov 03 j 03:11	21°♎46'43	1°21'52
min. Earth dist.	-2441 Nov 03 j 12:52	21°♎13'25	0.67303 AU
morning rise	-2441 Nov 08 j 10:53	15°♎24'07	
direct	-2441 Nov 13 j 12:40	13°♎14'55	
morning max el	-2441 Nov 24 j 00:03	19°♎29'34	23°31'54
	-2441 Dec 02 j 21:23	0°♏	
desc. node	-2441 Dec 10 j 11:40	10°♏28'39	
	-2441 Dec 23 j 07:11	0°♐	
morning set	-2441 Dec 29 j 02:34	9°♐33'49	
max. Earth dist.	-2440 Jan 02 j 07:17	16°♐46'57	1.39104 AU
superior conj	-2440 Jan 09 j 19:23	0°♑22'28	-1°-54'-29
minimum elong	-2440 Jan 09 j 21:21	0°♑31'38	1°54'30
	-2440 Jan 09 j 14:35	0°♑	
evening rise	-2440 Jan 19 j 01:09	18°♑06'09	
	-2440 Jan 25 j 08:38	0°♒	
asc. node	-2440 Jan 26 j 01:54	1°♒16'30	
evening max el	-2440 Feb 04 j 08:59	14°♒23'00	18°40'54
retrograde	-2440 Feb 12 j 06:54	18°♒13'28	
evening set	-2440 Feb 14 j 16:45	17°♒53'24	
inferior conj	-2440 Feb 22 j 08:47	13°♒28'17	3°19'29
minimum elong	-2440 Feb 22 j 12:51	13°♒20'36	3°18'41
min. Earth dist.	-2440 Feb 25 j 17:13	10°♒57'11	0.58004 AU
morning rise	-2440 Mar 01 j 05:09	8°♒13'03	
direct	-2440 Mar 07 j 00:01	6°♒50'09	
desc. node	-2440 Mar 07 j 10:49	6°♒50'39	
morning max el	-2440 Mar 21 j 07:07	14°♒20'18	26°16'59
	-2440 Apr 02 j 18:50	0°♓	
morning set	-2440 Apr 18 j 23:29	29°♓26'10	
	-2440 Apr 19 j 05:56	0°♈	
asc. node	-2440 Apr 23 j 01:19	8°♈09'37	
superior conj	-2440 Apr 26 j 00:48	14°♈40'17	0°30'54
minimum elong	-2440 Apr 25 j 23:28	14°♈33'01	0°30'38
max. Earth dist.	-2440 Apr 26 j 09:54	15°♈30'10	1.32593 AU
evening rise	-2440 May 03 j 02:18	29°♈51'20	
	-2440 May 03 j 03:58	0°♉	
	-2440 May 19 j 18:40	0°♊	
evening max el	-2440 Jun 02 j 11:15	17°♊07'42	26°51'00
desc. node	-2440 Jun 03 j 09:52	18°♊00'19	
retrograde	-2440 Jun 16 j 10:54	24°♊26'06	
evening set	-2440 Jun 23 j 06:00	22°♊24'29	
min. Earth dist.	-2440 Jun 27 j 00:44	19°♊43'55	0.60660 AU
inferior conj	-2440 Jun 30 j 07:55	16°♊57'16	-4°-26'-6
minimum elong	-2440 Jun 30 j 09:38	16°♊53'37	4°25'57
morning rise	-2440 Jul 07 j 16:21	12°♊11'06	
direct	-2440 Jul 10 j 03:50	11°♊47'03	
morning max el	-2440 Jul 17 j 08:28	15°♊18'26	18°07'07
asc. node	-2440 Jul 20 j 00:36	18°♊17'12	
	-2440 Jul 27 j 13:18	0°♋	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning set	-2440 Aug 02 j 06:37	10°♋28'49	
superior conj	-2440 Aug 12 j 04:56	28°♋43'32	1°39'01
minimum elong	-2440 Aug 12 j 08:19	28°♋58'35	1°38'51
	-2440 Aug 12 j 22:08	0°♌	
max. Earth dist.	-2440 Aug 19 j 19:15	11°♌53'00	1.41500 AU
evening rise	-2440 Aug 25 j 09:00	21°♌03'12	
desc. node	-2440 Aug 30 j 09:12	28°♌58'50	
	-2440 Aug 31 j 00:57	0°♍	
	-2440 Sep 21 j 00:28	0°♎	
greatest brilliancy	-2440 Sep 22 j 22:21	2°♎22'22	-0.3m
evening max el	-2440 Sep 27 j 17:52	7°♎46'13	22°37'11
retrograde	-2440 Oct 07 j 12:15	13°♎34'12	
evening set	-2440 Oct 12 j 02:54	11°♎42'39	
asc. node	-2440 Oct 15 j 23:42	7°♎25'01	
inferior conj	-2440 Oct 17 j 11:42	5°♎22'09	0°30'54
minimum elong	-2440 Oct 17 j 10:59	5°♎24'37	0°30'35
min. Earth dist.	-2440 Oct 17 j 09:05	5°♎31'14	0.67512 AU
	-2440 Oct 21 j 19:37	30°℞♍	
morning rise	-2440 Oct 22 j 19:01	29°♍07'34	
direct	-2440 Oct 27 j 05:49	27°♍20'40	
	-2440 Nov 02 j 09:13	0°♎	
morning max el	-2440 Nov 05 j 12:30	2°♎50'24	22°05'56
greatest brilliancy	-2440 Nov 10 j 06:25	8°♎12'34	-0.4m
	-2440 Nov 25 j 23:15	0°♏	
desc. node	-2440 Nov 26 j 08:41	0°♏35'10	
morning set	-2440 Dec 08 j 06:06	19°♏00'57	
max. Earth dist.	-2440 Dec 14 j 05:52	28°♏50'36	1.41169 AU
	-2440 Dec 14 j 22:24	0°♐	
superior conj	-2440 Dec 21 j 23:12	12°♐09'00	-1°-57'-17
minimum elong	-2440 Dec 21 j 22:10	12°♐04'28	1°57'20
	-2440 Dec 31 j 17:52	0°♑	
evening rise	-2439 Jan 01 j 09:23	1°♑12'12	
asc. node	-2439 Jan 11 j 22:56	19°♑50'10	
evening max el	-2439 Jan 17 j 16:14	27°♑11'32	18°14'39
	-2439 Jan 21 j 13:12	0°♒	
retrograde	-2439 Jan 24 j 17:13	0°♒43'22	
evening set	-2439 Jan 27 j 06:26	0°♒16'27	
	-2439 Jan 27 j 23:22	30°℞♑	
inferior conj	-2439 Feb 03 j 07:08	25°♑29'46	3°52'25
minimum elong	-2439 Feb 03 j 08:45	25°♑26'13	3°52'15
min. Earth dist.	-2439 Feb 06 j 14:56	22°♑35'09	0.60010 AU
morning rise	-2439 Feb 10 j 07:57	19°♑52'32	
direct	-2439 Feb 16 j 23:04	17°♑51'17	
desc. node	-2439 Feb 22 j 07:54	19°♑05'07	
morning max el	-2439 Mar 03 j 04:44	25°♑33'07	27°17'52
	-2439 Mar 07 j 08:14	0°♒	
	-2439 Mar 27 j 02:07	0°♓	
morning set	-2439 Apr 03 j 08:22	14°♓16'17	
asc. node	-2439 Apr 09 j 22:20	28°♓22'22	
max. Earth dist.	-2439 Apr 09 j 23:11	28°♓27'03	1.32487 AU
superior conj	-2439 Apr 10 j 12:28	29°♓39'46	0°06'13
minimum elong	-2439 Apr 10 j 12:11	29°♓38'14	0°06'10
behind sun begin	-2439 Apr 10 j 07:33	29°♓12'48	
behind sun end	-2439 Apr 10 j 16:50	0°♈03'41	
	-2439 Apr 10 j 16:10	0°♈	
evening rise	-2439 Apr 17 j 12:01	14°♈46'01	
	-2439 Apr 25 j 04:43	0°♉	
evening max el	-2439 May 15 j 08:49	28°♉36'50	25°48'46
	-2439 May 16 j 21:08	0°♊	
desc. node	-2439 May 21 j 06:58	3°♊16'59	
retrograde	-2439 May 29 j 10:36	5°♊51'02	
evening set	-2439 Jun 04 j 08:24	4°♊27'03	
min. Earth dist.	-2439 Jun 08 j 21:10	1°♊44'57	0.58612 AU
	-2439 Jun 11 j 06:58	30°℞♉	
inferior conj	-2439 Jun 12 j 04:44	29°♉19'49	-4°-25'-12
minimum elong	-2439 Jun 12 j 02:53	29°♉23'12	4°25'04
morning rise	-2439 Jun 20 j 01:15	24°♉56'17	
direct	-2439 Jun 22 j 12:57	24°♉36'06	
morning max el	-2439 Jun 30 j 15:32	28°♉26'08	18°39'02
	-2439 Jul 02 j 04:10	0°♊	
asc. node	-2439 Jul 06 j 21:39	6°♊18'28	
morning set	-2439 Jul 16 j 22:13	24°♊19'47	
	-2439 Jul 19 j 20:15	0°♋	
superior conj	-2439 Jul 25 j 19:11	11°♋24'23	1°47'54
minimum elong	-2439 Jul 25 j 20:04	11°♋28'33	1°47'57
max. Earth dist.	-2439 Aug 01 j 22:39	24°♋24'20	1.39554 AU
	-2439 Aug 05 j 04:09	0°♌	
evening rise	-2439 Aug 06 j 02:59	1°♌36'53	
desc. node	-2439 Aug 17 j 06:13	19°♌30'12	
	-2439 Aug 24 j 08:42	0°♍	
evening max el	-2439 Sep 10 j 06:35	21°♍15'00	23°57'42
retrograde	-2439 Sep 21 j 03:55	27°♍39'52	
evening set	-2439 Sep 26 j 08:55	25°♍29'13	
min. Earth dist.	-2439 Oct 01 j 05:17	19°♍50'50	0.67411 AU
inferior conj	-2439 Oct 01 j 18:11	19°♍07'03	0°-22'-51
minimum elong	-2439 Oct 01 j 18:43	19°♍05'13	0°22'39
asc. node	-2439 Oct 02 j 20:46	17°♍37'37	
morning rise	-2439 Oct 07 j 04:44	12°♍57'04	
direct	-2439 Oct 11 j 02:03	11°♍31'15	
morning max el	-2439 Oct 19 j 07:17	16°♍19'34	20°47'21
greatest brilliancy	-2439 Oct 25 j 05:39	23°♍19'54	-0.5m
	-2439 Oct 30 j 02:48	0°♎	
desc. node	-2439 Nov 13 j 05:42	20°♎58'01	
morning set	-2439 Nov 17 j 09:25	27°♎23'10	
	-2439 Nov 19 j 01:35	0°♏	
max. Earth dist.	-2439 Nov 26 j 11:13	11°♏47'19	1.42963 AU
superior conj	-2439 Dec 03 j 02:41	22°♏44'56	-1°-45'-58
minimum elong	-2439 Dec 02 j 21:30	22°♏23'11	1°45'42
	-2439 Dec 07 j 09:00	0°♐	
evening rise	-2439 Dec 15 j 02:54	13°♐34'28	
	-2439 Dec 24 j 14:05	0°♑	
asc. node	-2439 Dec 29 j 19:58	7°♑41'09	
evening max el	-2438 Jan 01 j 03:35	10°♑18'49	18°08'08
retrograde	-2438 Jan 07 j 18:07	13°♑45'47	
evening set	-2438 Jan 10 j 10:41	13°♑11'00	
inferior conj	-2438 Jan 16 j 23:07	8°♑02'56	3°57'28
minimum elong	-2438 Jan 16 j 22:19	8°♑04'55	3°57'22
min. Earth dist.	-2438 Jan 19 j 20:38	5°♑08'46	0.62020 AU
morning rise	-2438 Jan 23 j 07:44	2°♑11'05	
	-2438 Jan 27 j 16:50	30°℞♐	
direct	-2438 Jan 30 j 08:04	29°♐38'52	
	-2438 Feb 02 j 01:21	0°♑	
desc. node	-2438 Feb 09 j 04:57	3°♑47'03	
morning max el	-2438 Feb 13 j 08:27	7°♑26'20	27°43'49
	-2438 Mar 02 j 14:30	0°♒	
morning set	-2438 Mar 18 j 12:41	28°♒50'07	
	-2438 Mar 19 j 02:22	0°♓	
max. Earth dist.	-2438 Mar 24 j 09:45	11°♓11'39	1.32740 AU
superior conj	-2438 Mar 25 j 22:49	14°♓32'12	0°-19'-25
minimum elong	-2438 Mar 25 j 23:43	14°♓37'02	0°19'15
asc. node	-2438 Mar 27 j 19:22	18°♓34'27	
evening rise	-2438 Apr 01 j 23:31	29°♓42'52	
	-2438 Apr 02 j 02:46	0°♈	
	-2438 Apr 18 j 23:44	0°♉	
evening max el	-2438 Apr 27 j 01:08	9°♉30'08	24°23'46
desc. node	-2438 May 08 j 03:59	16°♉13'14	
retrograde	-2438 May 10 j 23:15	16°♉31'18	
evening set	-2438 May 15 j 13:18	15°♉44'04	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

min. Earth dist.	-2438 May 21 j 12:54	12°♉44'27	0.56782 AU
inferior conj	-2438 May 24 j 05:36	11°♉01'25	-3°-49'-29
minimum elong	-2438 May 24 j 00:03	11°♉10'19	3°48'25
morning rise	-2438 Jun 01 j 14:50	6°♉56'41	
direct	-2438 Jun 04 j 03:23	6°♉39'21	
morning max el	-2438 Jun 13 j 14:16	11°♉02'36	19°31'29
asc. node	-2438 Jun 23 j 18:42	25°♉01'33	
	-2438 Jun 26 j 12:14	0°♊	
morning set	-2438 Jun 30 j 22:26	8°♊38'12	
superior conj	-2438 Jul 09 j 01:38	24°♊55'00	1°46'54
minimum elong	-2438 Jul 09 j 00:35	24°♊49'49	1°46'56
	-2438 Jul 11 j 16:23	0°♋	
max. Earth dist.	-2438 Jul 15 j 00:50	6°♋20'05	1.37607 AU
evening rise	-2438 Jul 18 j 22:08	13°♋24'11	
	-2438 Jul 28 j 18:32	0°♌	
desc. node	-2438 Aug 04 j 03:15	9°♌47'38	
	-2438 Aug 19 j 06:30	0°♍	
evening max el	-2438 Aug 23 j 17:39	4°♍47'21	25°14'38
retrograde	-2438 Sep 04 j 15:24	11°♍41'06	
evening set	-2438 Sep 10 j 11:23	9°♍13'02	
min. Earth dist.	-2438 Sep 14 j 23:01	4°♍10'22	0.66995 AU
inferior conj	-2438 Sep 15 j 22:39	2°♍53'06	-1°-17'-9
minimum elong	-2438 Sep 16 j 00:31	2°♍47'01	1°16'23
	-2438 Sep 18 j 05:39	30°℞♌	
asc. node	-2438 Sep 19 j 17:50	28°♌22'09	
morning rise	-2438 Sep 21 j 14:09	26°♌50'46	
direct	-2438 Sep 25 j 00:07	25°♌43'11	
	-2438 Oct 02 j 10:21	0°♍	
morning max el	-2438 Oct 02 j 09:24	29°♌57'34	19°40'56
greatest brilliancy	-2438 Oct 10 j 17:15	10°♍29'54	-0.6m
	-2438 Oct 23 j 16:17	0°♎	
morning set	-2438 Oct 27 j 08:01	5°♎39'18	
desc. node	-2438 Oct 31 j 02:42	11°♎31'54	
max. Earth dist.	-2438 Nov 08 j 23:35	25°♎28'38	1.44252 AU
	-2438 Nov 11 j 19:39	0°♏	
superior conj	-2438 Nov 13 j 02:52	2°♏05'16	-1°-17'-25
minimum elong	-2438 Nov 12 j 19:20	1°♏34'57	1°16'41
evening rise	-2438 Nov 27 j 01:10	25°♏03'38	
	-2438 Nov 29 j 23:21	0°♐	
evening max el	-2438 Dec 15 j 16:12	23°♐37'18	18°20'34
asc. node	-2438 Dec 16 j 17:00	24°♐36'29	
retrograde	-2438 Dec 22 j 05:07	27°♐10'56	
evening set	-2438 Dec 25 j 01:51	26°♐26'57	
inferior conj	-2438 Dec 31 j 04:46	20°♐59'03	3°42'39
minimum elong	-2438 Dec 31 j 02:26	21°♐05'38	3°42'15
min. Earth dist.	-2437 Jan 02 j 11:47	18°♐24'49	0.63812 AU
morning rise	-2437 Jan 06 j 01:30	14°♐57'15	
direct	-2437 Jan 13 j 00:51	12°♐08'38	
morning max el	-2437 Jan 26 j 16:18	19°♐54'59	27°33'24
desc. node	-2437 Jan 27 j 01:59	20°♐19'15	
	-2437 Feb 04 j 08:49	0°♑	
	-2437 Feb 23 j 13:40	0°♒	
morning set	-2437 Mar 02 j 09:52	12°♒57'56	
max. Earth dist.	-2437 Mar 07 j 13:39	23°♒29'51	1.33386 AU
superior conj	-2437 Mar 10 j 06:01	29°♒10'27	0°-45'-4
minimum elong	-2437 Mar 10 j 08:04	29°♒21'23	0°44'42
	-2437 Mar 10 j 15:17	0°♓	
asc. node	-2437 Mar 14 j 16:23	8°♓40'52	
evening rise	-2437 Mar 17 j 10:59	14°♓34'30	
	-2437 Mar 25 j 06:57	0°♈	
evening max el	-2437 Apr 08 j 17:15	20°♈09'50	22°49'21
retrograde	-2437 Apr 21 j 22:48	26°♈40'40	
evening set	-2437 Apr 25 j 05:09	26°♈17'22	
desc. node	-2437 Apr 25 j 01:01	26°♈19'43	

min. Earth dist.	-2437 May 03 j 02:43	22°♈48'50	0.55516 AU
inferior conj	-2437 May 04 j 11:41	22°♈01'23	-2°-31'-27
minimum elong	-2437 May 04 j 05:36	22°♈10'09	2°29'37
morning rise	-2437 May 13 j 08:40	18°♈05'33	
direct	-2437 May 16 j 00:17	17°♈49'00	
morning max el	-2437 May 27 j 02:27	22°♈59'02	20°44'11
	-2437 Jun 02 j 02:55	0°♉	
asc. node	-2437 Jun 10 j 15:45	14°♉16'16	
morning set	-2437 Jun 15 j 04:36	23°♉17'03	
	-2437 Jun 18 j 10:39	0°♊	
superior conj	-2437 Jun 22 j 19:39	9°♊02'07	1°38'23
minimum elong	-2437 Jun 22 j 17:28	8°♊50'54	1°38'16
max. Earth dist.	-2437 Jun 27 j 08:38	18°♊08'17	1.35874 AU
evening rise	-2437 Jul 01 j 14:11	26°♊14'18	
	-2437 Jul 03 j 15:10	0°♋	
desc. node	-2437 Jul 22 j 00:14	29°♋44'47	
	-2437 Jul 22 j 04:31	0°♌	
evening max el	-2437 Aug 06 j 05:00	18°♌21'12	26°19'57
retrograde	-2437 Aug 18 j 22:00	25°♌32'49	
evening set	-2437 Aug 25 j 08:16	22°♌51'41	
min. Earth dist.	-2437 Aug 29 j 11:50	18°♌26'58	0.66245 AU
inferior conj	-2437 Aug 30 j 23:18	16°♌37'45	-2°-10'-13
minimum elong	-2437 Aug 31 j 02:22	16°♌28'17	2°09'03
morning rise	-2437 Sep 05 j 21:21	10°♌46'25	
asc. node	-2437 Sep 06 j 14:54	10°♌24'08	
direct	-2437 Sep 08 j 22:17	9°♌53'41	
morning max el	-2437 Sep 15 j 18:07	13°♌42'57	18°49'31
	-2437 Sep 27 j 14:39	0°♍	
morning set	-2437 Oct 07 j 00:53	14°♍54'12	
	-2437 Oct 16 j 13:54	0°♎	
desc. node	-2437 Oct 17 j 23:42	2°♎13'08	
max. Earth dist.	-2437 Oct 22 j 16:55	9°♎38'46	1.44872 AU
superior conj	-2437 Oct 23 j 06:16	10°♎31'21	0°-33'-26
minimum elong	-2437 Oct 23 j 01:55	10°♎14'13	0°32'54
	-2437 Nov 04 j 13:06	0°♏	
evening rise	-2437 Nov 08 j 00:10	5°♏33'13	
	-2437 Nov 23 j 13:16	0°♐	
evening max el	-2437 Nov 29 j 03:29	7°♐02'07	18°50'56
asc. node	-2437 Dec 03 j 14:02	10°♐21'56	
retrograde	-2437 Dec 05 j 22:33	10°♐52'28	
evening set	-2437 Dec 09 j 00:50	9°♐57'39	
inferior conj	-2437 Dec 14 j 20:34	4°♐12'13	3°14'04
minimum elong	-2437 Dec 14 j 17:36	4°♐21'21	3°13'18
min. Earth dist.	-2437 Dec 16 j 12:34	2°♐09'44	0.65261 AU
	-2437 Dec 18 j 09:37	30°℞♏	
morning rise	-2437 Dec 20 j 09:21	28°♏03'17	
direct	-2437 Dec 27 j 00:09	25°♏13'25	
	-2436 Jan 06 j 00:32	0°♐	
morning max el	-2436 Jan 09 j 01:50	2°♐49'34	26°50'49
desc. node	-2436 Jan 13 j 23:03	8°♐10'44	
	-2436 Jan 29 j 15:16	0°♑	
morning set	-2436 Feb 13 j 20:37	26°♑29'37	
	-2436 Feb 15 j 16:08	0°♒	
max. Earth dist.	-2436 Feb 18 j 07:30	5°♒14'05	1.34472 AU
superior conj	-2436 Feb 22 j 08:01	13°♒28'07	-1°-9'-32
minimum elong	-2436 Feb 22 j 11:00	13°♒43'40	1°09'07
evening rise	-2436 Feb 29 j 20:40	29°♒15'10	
asc. node	-2436 Feb 29 j 13:24	28°♒37'26	
	-2436 Mar 01 j 05:19	0°♓	
	-2436 Mar 19 j 14:04	0°♈	
evening max el	-2436 Mar 20 j 15:25	1°♈03'10	21°19'08
retrograde	-2436 Apr 01 j 12:51	6°♈47'09	
evening set	-2436 Apr 03 j 23:45	6°♈33'21	
desc. node	-2436 Apr 10 j 22:06	3°♈52'31	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2436 Apr 13 j 07:00	2°♈33'52	0°-39'-58
minimum elong	-2436 Apr 13 j 05:07	2°♈36'31	0°39'19
min. Earth dist.	-2436 Apr 13 j 16:11	2°♈20'57	0.55095 AU
	-2436 Apr 18 j 03:34	30°℞♓	
morning rise	-2436 Apr 22 j 10:22	28°♓30'50	
direct	-2436 Apr 25 j 11:55	28°♓10'22	
	-2436 May 02 j 10:07	0°♈	
morning max el	-2436 May 08 j 03:48	4°♈13'06	22°14'06
	-2436 May 25 j 13:44	0°♉	
asc. node	-2436 May 27 j 12:48	3°♉54'08	
morning set	-2436 May 29 j 14:32	8°♉09'28	
superior conj	-2436 Jun 05 j 21:40	23°♉34'38	1°24'14
minimum elong	-2436 Jun 05 j 19:04	23°♉20'55	1°23'57
	-2436 Jun 08 j 23:38	0°♊	
max. Earth dist.	-2436 Jun 09 j 01:48	0°♊11'05	1.34475 AU
evening rise	-2436 Jun 13 j 21:52	9°♊52'05	
	-2436 Jun 25 j 02:00	0°♋	
desc. node	-2436 Jul 07 j 21:15	19°♋12'29	
	-2436 Jul 16 j 21:40	0°♌	
evening max el	-2436 Jul 18 j 16:37	1°♌47'34	27°05'42
retrograde	-2436 Jul 31 j 23:11	9°♌07'38	
evening set	-2436 Aug 07 j 21:07	6°♌21'13	
min. Earth dist.	-2436 Aug 11 j 17:19	2°♌34'48	0.65132 AU
inferior conj	-2436 Aug 13 j 17:57	0°♌16'37	-2°-59'-52
minimum elong	-2436 Aug 13 j 21:54	0°♌05'23	2°58'36
	-2436 Aug 13 j 23:48	30°℞♋	
morning rise	-2436 Aug 20 j 00:03	24°♋39'44	
direct	-2436 Aug 22 j 18:18	23°♋58'31	
asc. node	-2436 Aug 23 j 11:59	24°♋01'28	
morning max el	-2436 Aug 29 j 07:21	27°♋31'23	18°14'31
	-2436 Aug 31 j 12:14	0°♌	
morning set	-2436 Sep 16 j 21:25	25°♌30'08	
	-2436 Sep 19 j 14:49	0°♍	
superior conj	-2436 Oct 01 j 08:19	18°♍58'29	0°16'11
minimum elong	-2436 Oct 01 j 10:20	19°♍06'30	0°15'55
behind sun begin	-2436 Oct 01 j 08:03	18°♍57'27	
behind sun end	-2436 Oct 01 j 12:36	19°♍15'32	
desc. node	-2436 Oct 03 j 20:41	22°♍57'51	
max. Earth dist.	-2436 Oct 04 j 11:37	23°♍56'49	1.44754 AU
	-2436 Oct 08 j 07:55	0°♎	
evening rise	-2436 Oct 17 j 23:08	15°♎02'47	
	-2436 Oct 27 j 14:54	0°♏	
greatest brilliancy	-2436 Nov 03 j 04:11	9°♏49'25	-0.7m
evening max el	-2436 Nov 11 j 11:05	20°♏28'44	19°37'55
retrograde	-2436 Nov 18 j 19:15	24°♏44'43	
asc. node	-2436 Nov 19 j 11:06	24°♏42'13	
evening set	-2436 Nov 22 j 04:56	23°♏36'57	
inferior conj	-2436 Nov 27 j 19:29	17°♏37'08	2°35'51
minimum elong	-2436 Nov 27 j 16:35	17°♏46'38	2°34'54
min. Earth dist.	-2436 Nov 28 j 21:46	16°♏11'19	0.66328 AU
morning rise	-2436 Dec 03 j 03:32	11°♏23'16	
direct	-2436 Dec 09 j 05:10	8°♏43'58	
morning max el	-2436 Dec 21 j 11:08	15°♏58'25	25°43'51
desc. node	-2436 Dec 30 j 20:06	26°♏57'55	
	-2435 Jan 02 j 02:39	0°♐	
	-2435 Jan 21 j 12:17	0°♑	
morning set	-2435 Jan 26 j 16:32	9°♑12'23	
max. Earth dist.	-2435 Jan 30 j 13:53	16°♑28'44	1.35999 AU
superior conj	-2435 Feb 05 j 02:14	27°♑17'43	-1°-31'-17
minimum elong	-2435 Feb 05 j 05:39	27°♑34'53	1°30'57
	-2435 Feb 06 j 10:24	0°♒	
evening rise	-2435 Feb 13 j 02:37	13°♒38'49	
asc. node	-2435 Feb 15 j 10:26	18°♒19'35	
	-2435 Feb 21 j 17:03	0°♓	

evening max el	-2435 Mar 02 j 23:48	12°♓29'29	20°02'52
retrograde	-2435 Mar 13 j 04:57	17°♓21'42	
evening set	-2435 Mar 15 j 10:22	17°♓08'50	
inferior conj	-2435 Mar 24 j 05:40	13°♓08'45	1°15'17
minimum elong	-2435 Mar 24 j 08:50	13°♓03'58	1°14'14
min. Earth dist.	-2435 Mar 26 j 06:18	11°♓55'15	0.55616 AU
desc. node	-2435 Mar 28 j 19:11	10°♓29'25	
morning rise	-2435 Apr 02 j 04:30	8°♓40'47	
direct	-2435 Apr 06 j 02:59	8°♓06'46	
morning max el	-2435 Apr 19 j 21:18	14°♓56'04	23°53'26
	-2435 May 01 j 16:38	0°♈	
morning set	-2435 May 14 j 02:25	23°♈09'42	
asc. node	-2435 May 14 j 09:51	23°♈48'46	
	-2435 May 17 j 07:31	0°♉	
superior conj	-2435 May 21 j 05:01	8°♉24'21	1°05'52
minimum elong	-2435 May 21 j 02:35	8°♉11'15	1°05'30
max. Earth dist.	-2435 May 23 j 04:21	12°♉37'48	1.33454 AU
evening rise	-2435 May 28 j 16:51	24°♉04'56	
	-2435 May 31 j 17:00	0°♊	
	-2435 Jun 18 j 16:32	0°♋	
desc. node	-2435 Jun 24 j 18:18	7°♋58'22	
evening max el	-2435 Jul 01 j 03:08	14°♋55'06	27°24'59
retrograde	-2435 Jul 14 j 18:48	22°♋17'24	
evening set	-2435 Jul 21 j 22:49	19°♋37'15	
min. Earth dist.	-2435 Jul 25 j 13:39	16°♋25'10	0.63641 AU
inferior conj	-2435 Jul 28 j 04:04	13°♋44'49	-3°-43'-4
minimum elong	-2435 Jul 28 j 08:11	13°♋34'14	3°42'05
morning rise	-2435 Aug 03 j 19:33	8°♋25'38	
direct	-2435 Aug 06 j 09:26	7°♋52'57	
asc. node	-2435 Aug 10 j 09:05	9°♋11'19	
morning max el	-2435 Aug 12 j 22:36	11°♋18'07	17°56'58
	-2435 Aug 25 j 14:09	0°♌	
morning set	-2435 Aug 29 j 19:39	7°♌19'40	
superior conj	-2435 Sep 11 j 06:00	28°♌26'05	0°58'57
minimum elong	-2435 Sep 11 j 11:22	28°♌48'14	0°58'20
	-2435 Sep 12 j 04:51	0°♍	
max. Earth dist.	-2435 Sep 17 j 04:03	8°♍02'54	1.43928 AU
desc. node	-2435 Sep 20 j 17:41	13°♍43'18	
evening rise	-2435 Sep 27 j 06:01	23°♍53'18	
	-2435 Oct 01 j 05:34	0°♎	
greatest brilliancy	-2435 Oct 19 j 13:51	26°♎46'09	-0.5m
	-2435 Oct 22 j 02:31	0°♏	
evening max el	-2435 Oct 25 j 13:19	3°♏55'16	20°39'21
retrograde	-2435 Nov 02 j 16:45	8°♏44'05	
evening set	-2435 Nov 06 j 11:56	7°♏21'06	
asc. node	-2435 Nov 06 j 08:11	7°♏27'49	
inferior conj	-2435 Nov 11 j 23:02	1°♏10'23	1°50'49
minimum elong	-2435 Nov 11 j 20:43	1°♏18'15	1°49'55
min. Earth dist.	-2435 Nov 12 j 13:14	0°♏22'04	0.67040 AU
	-2435 Nov 12 j 19:46	30°℞♎	
morning rise	-2435 Nov 17 j 05:02	24°♎53'58	
direct	-2435 Nov 22 j 15:34	22°♎32'39	
morning max el	-2435 Dec 03 j 19:47	29°♎12'36	24°21'50
	-2435 Dec 04 j 14:15	0°♏	
desc. node	-2435 Dec 17 j 17:08	16°♏24'16	
	-2435 Dec 26 j 22:42	0°♐	
morning set	-2434 Jan 08 j 15:45	20°♐49'23	
max. Earth dist.	-2434 Jan 12 j 11:08	27°♐34'19	1.37903 AU
	-2434 Jan 13 j 19:12	0°♑	
superior conj	-2434 Jan 19 j 09:13	10°♑28'59	-1°-48'-8
minimum elong	-2434 Jan 19 j 12:07	10°♑42'56	1°48'01
evening rise	-2434 Jan 28 j 02:27	27°♑37'54	
	-2434 Jan 29 j 07:17	0°♒	
asc. node	-2434 Feb 02 j 07:28	7°♒40'59	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening max el	-2434 Feb 13 j 18:50	24°♒32'27	19°05'08
retrograde	-2434 Feb 22 j 10:19	28°♒41'06	
evening set	-2434 Feb 24 j 17:51	28°♒24'33	
inferior conj	-2434 Mar 04 j 19:53	24°♒10'59	2°44'43
minimum elong	-2434 Mar 05 j 00:38	24°♒02'43	2°43'30
min. Earth dist.	-2434 Mar 07 j 21:55	22°♒03'21	0.56963 AU
morning rise	-2434 Mar 13 j 03:25	19°♒11'24	
desc. node	-2434 Mar 15 j 16:16	18°♒25'30	
direct	-2434 Mar 18 j 06:29	18°♒09'28	
morning max el	-2434 Apr 01 j 12:16	25°♒29'58	25°29'20
	-2434 Apr 05 j 17:08	0°♓	
	-2434 Apr 24 j 14:19	0°♈	
morning set	-2434 Apr 28 j 14:28	8°♈10'34	
asc. node	-2434 May 01 j 06:54	13°♈53'52	
superior conj	-2434 May 05 j 15:27	23°♈22'41	0°44'22
minimum elong	-2434 May 05 j 13:37	23°♈12'44	0°44'01
max. Earth dist.	-2434 May 06 j 13:42	25°♈23'56	1.32802 AU
	-2434 May 08 j 16:44	0°♉	
evening rise	-2434 May 12 j 19:35	8°♉40'48	
	-2434 May 24 j 02:50	0°♊	
desc. node	-2434 Jun 11 j 15:22	25°♊43'56	
evening max el	-2434 Jun 13 j 10:14	27°♊30'44	27°12'55
	-2434 Jun 16 j 05:53	0°♋	
retrograde	-2434 Jun 27 j 07:58	4°♋51'42	
evening set	-2434 Jul 04 j 09:24	2°♋32'10	
	-2434 Jul 07 j 16:48	30°℞♊	
min. Earth dist.	-2434 Jul 08 j 00:02	29°♊44'15	0.61809 AU
inferior conj	-2434 Jul 11 j 02:31	26°♊54'35	-4°-15'-16
minimum elong	-2434 Jul 11 j 05:35	26°♊47'34	4°14'50
morning rise	-2434 Jul 18 j 04:29	21°♊55'48	
direct	-2434 Jul 20 j 16:10	21°♊29'15	
morning max el	-2434 Jul 27 j 12:56	24°♊55'45	17°57'52
asc. node	-2434 Jul 28 j 06:10	25°♊39'36	
	-2434 Jul 31 j 17:43	0°♋	
morning set	-2434 Aug 12 j 14:00	20°♋06'56	
	-2434 Aug 18 j 01:06	0°♌	
superior conj	-2434 Aug 23 j 07:14	9°♌15'30	1°28'23
minimum elong	-2434 Aug 23 j 11:55	9°♌35'48	1°28'01
max. Earth dist.	-2434 Aug 30 j 15:32	21°♌39'28	1.42507 AU
	-2434 Sep 04 j 19:15	0°♍	
evening rise	-2434 Sep 06 j 14:31	2°♍51'19	
desc. node	-2434 Sep 07 j 14:42	4°♍26'22	
	-2434 Sep 24 j 17:03	0°♎	
greatest brilliancy	-2434 Oct 03 j 13:43	11°♎52'31	-0.4m
evening max el	-2434 Oct 08 j 09:32	17°♎22'00	21°52'06
retrograde	-2434 Oct 17 j 13:00	22°♎48'11	
evening set	-2434 Oct 21 j 19:54	21°♎07'43	
asc. node	-2434 Oct 24 j 05:16	18°♎45'17	
inferior conj	-2434 Oct 27 j 05:08	14°♎49'49	1°01'04
minimum elong	-2434 Oct 27 j 03:45	14°♎54'35	1°00'28
min. Earth dist.	-2434 Oct 27 j 08:31	14°♎38'05	0.67426 AU
morning rise	-2434 Nov 01 j 11:21	8°♎33'35	
direct	-2434 Nov 06 j 06:36	6°♎33'44	
morning max el	-2434 Nov 16 j 05:45	12°♎29'53	22°54'46
greatest brilliancy	-2434 Nov 21 j 01:05	17°♎53'29	-0.3m
	-2434 Nov 30 j 04:44	0°♏	
desc. node	-2434 Dec 04 j 14:09	6°♏18'42	
	-2434 Dec 19 j 20:16	0°♐	
morning set	-2434 Dec 20 j 12:11	1°♐05'33	
max. Earth dist.	-2434 Dec 25 j 06:36	9°♐07'05	1.39993 AU
superior conj	-2433 Jan 02 j 00:33	22°♐50'48	-1°-57'-9
minimum elong	-2433 Jan 02 j 01:27	22°♐54'57	1°57'12
	-2433 Jan 05 j 21:10	0°♑	
evening rise	-2433 Jan 11 j 17:21	11°♑05'29	
asc. node	-2433 Jan 20 j 04:31	26°♑34'37	
	-2433 Jan 22 j 07:44	0°♒	
evening max el	-2433 Jan 27 j 22:31	7°♒07'15	18°27'20
retrograde	-2433 Feb 04 j 10:05	10°♒47'37	
evening set	-2433 Feb 06 j 21:26	10°♒24'48	
inferior conj	-2433 Feb 14 j 06:38	5°♒51'01	3°37'24
minimum elong	-2433 Feb 14 j 09:44	5°♒44'43	3°36'54
min. Earth dist.	-2433 Feb 17 j 16:36	3°♒06'39	0.58841 AU
morning rise	-2433 Feb 21 j 18:27	0°♒25'25	
	-2433 Feb 22 j 15:05	30°℞♑	
direct	-2433 Feb 27 j 23:24	28°♑45'35	
desc. node	-2433 Mar 02 j 13:20	29°♑02'30	
	-2433 Mar 05 j 11:02	0°♒	
morning max el	-2433 Mar 14 j 06:16	6°♒22'01	26°46'38
	-2433 Mar 31 j 19:52	0°♓	
morning set	-2433 Apr 13 j 00:59	23°♓06'10	
	-2433 Apr 16 j 06:50	0°♈	
asc. node	-2433 Apr 18 j 03:56	4°♈04'57	
superior conj	-2433 Apr 20 j 03:09	8°♈23'24	0°20'36
minimum elong	-2433 Apr 20 j 02:15	8°♈18'26	0°20'25
max. Earth dist.	-2433 Apr 20 j 02:33	8°♈20'06	1.32506 AU
evening rise	-2433 Apr 27 j 03:23	23°♈30'52	
	-2433 Apr 30 j 07:30	0°♉	
	-2433 May 18 j 06:44	0°♊	
evening max el	-2433 May 26 j 11:50	9°♊25'31	26°28'02
desc. node	-2433 May 29 j 12:25	12°♊04'08	
retrograde	-2433 Jun 09 j 13:08	16°♊42'34	
evening set	-2433 Jun 16 j 00:27	14°♊56'39	
min. Earth dist.	-2433 Jun 20 j 01:05	12°♊17'15	0.59779 AU
inferior conj	-2433 Jun 23 j 09:43	9°♊37'12	-4°-29'-18
minimum elong	-2433 Jun 23 j 10:05	9°♊36'28	4°29'16
morning rise	-2433 Jun 30 j 23:10	5°♊00'30	
direct	-2433 Jul 03 j 10:32	4°♊38'15	
morning max el	-2433 Jul 10 j 23:25	8°♊16'25	18°18'10
asc. node	-2433 Jul 15 j 03:13	13°♊10'53	
	-2433 Jul 25 j 00:58	0°♋	
morning set	-2433 Jul 26 j 23:04	3°♋37'49	
superior conj	-2433 Aug 05 j 09:31	21°♋19'33	1°44'10
minimum elong	-2433 Aug 05 j 11:48	21°♋30'00	1°44'07
	-2433 Aug 10 j 05:54	0°♌	
max. Earth dist.	-2433 Aug 12 j 21:38	4°♌35'58	1.40687 AU
evening rise	-2433 Aug 17 j 17:53	12°♌43'15	
desc. node	-2433 Aug 25 j 11:43	25°♌03'07	
	-2433 Aug 28 j 17:34	0°♍	
greatest brilliancy	-2433 Sep 15 j 07:32	24°♍24'12	-0.2m
	-2433 Sep 20 j 05:05	0°♎	
evening max el	-2433 Sep 21 j 00:34	0°♎49'56	23°11'32
retrograde	-2433 Oct 01 j 06:32	6°♎53'54	
evening set	-2433 Oct 06 j 03:05	4°♎54'26	
	-2433 Oct 10 j 10:29	30°℞♍	
inferior conj	-2433 Oct 11 j 11:55	28°♍32'59	0°08'16
minimum elong	-2433 Oct 11 j 11:44	28°♍33'40	0°08'11
transit middle	-2433 Oct 11 j 11:44	28°♍33'40	0°08'11
transit begin	-2433 Oct 11 j 09:23	28°♍41'42	
transit end	-2433 Oct 11 j 14:04	28°♍25'37	
min. Earth dist.	-2433 Oct 11 j 05:02	28°♍56'42	0.67506 AU
asc. node	-2433 Oct 11 j 02:19	29°♍05'59	
morning rise	-2433 Oct 16 j 20:23	22°♍19'54	
direct	-2433 Oct 21 j 01:20	20°♍41'58	
morning max el	-2433 Oct 29 j 20:25	25°♍53'09	21°31'14
	-2433 Nov 02 j 12:49	0°♎	
greatest brilliancy	-2433 Nov 03 j 23:10	1°♎45'37	-0.4m
desc. node	-2433 Nov 21 j 11:09	26°♎32'45	
	-2433 Nov 23 j 17:40	0°♏	
morning set	-2433 Nov 30 j 03:55	9°♏59'42	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2433 Dec 07 j 07:48	21°♏33'25	1.41987 AU	
	-2433 Dec 12 j 08:42	0°♐		
superior conj	-2433 Dec 14 j 18:40	4°♐08'57	-1°-54'-27	
minimum elong	-2433 Dec 14 j 15:55	3°♐57'04	1°54'25	
evening rise	-2433 Dec 25 j 19:47	23°♐53'31		
	-2433 Dec 29 j 04:21	0°♑		
asc. node	-2432 Jan 07 j 01:32	14°♑51'16		
evening max el	-2432 Jan 11 j 07:55	20°♑04'44	18°09'29	
retrograde	-2432 Jan 18 j 03:01	23°♑32'32		
evening set	-2432 Jan 20 j 17:46	23°♑02'14		
inferior conj	-2432 Jan 27 j 12:53	18°♑06'17	3°57'25	
minimum elong	-2432 Jan 27 j 13:23	18°♑05'05	3°57'21	
min. Earth dist.	-2432 Jan 30 j 17:09	15°♑09'15	0.60890 AU	
morning rise	-2432 Feb 03 j 06:21	12°♑22'27		
direct	-2432 Feb 10 j 02:56	10°♑06'34		
desc. node	-2432 Feb 17 j 10:23	12°♑23'33		
morning max el	-2432 Feb 24 j 06:20	17°♑50'36	27°33'21	
	-2432 Mar 05 j 10:46	0°♒		
	-2432 Mar 23 j 10:27	0°♓		
morning set	-2432 Mar 27 j 08:11	7°♓49'53		
max. Earth dist.	-2432 Apr 02 j 15:12	21°♓13'32	1.32553 AU	
superior conj	-2432 Apr 03 j 14:28	23°♓20'24	0°-4'-36	
minimum elong	-2432 Apr 03 j 14:40	23°♓21'32	0°04'34	
behind sun begin	-2432 Apr 03 j 09:49	22°♓55'00		
behind sun end	-2432 Apr 03 j 19:32	23°♓48'05		
asc. node	-2432 Apr 04 j 00:57	24°♓17'44		
	-2432 Apr 06 j 15:37	0°♈		
evening rise	-2432 Apr 10 j 14:06	8°♈27'22		
	-2432 Apr 21 j 20:29	0°♉		
evening max el	-2432 May 07 j 07:02	20°♉38'22	25°14'45	
desc. node	-2432 May 15 j 09:27	26°♉25'55		
retrograde	-2432 May 21 j 08:03	27°♉47'40		
evening set	-2432 May 26 j 17:16	26°♉40'22		
min. Earth dist.	-2432 May 31 j 19:04	23°♉52'34	0.57788 AU	
inferior conj	-2432 Jun 03 j 22:18	21°♉43'28	-4°-15'-1	
minimum elong	-2432 Jun 03 j 18:44	21°♉49'38	4°14'34	
morning rise	-2432 Jun 12 j 00:07	17°♉28'24		
direct	-2432 Jun 14 j 12:16	17°♉09'25		
morning max el	-2432 Jun 23 j 03:11	21°♉11'41	18°58'49	
	-2432 Jun 30 j 01:28	0°♊		
asc. node	-2432 Jul 01 j 00:17	1°♊31'25		
morning set	-2432 Jul 09 j 18:45	17°♊41'56		
	-2432 Jul 16 j 00:47	0°♋		
superior conj	-2432 Jul 18 j 07:19	4°♋23'29	1°48'33	
minimum elong	-2432 Jul 18 j 07:17	4°♋23'20	1°48'36	
max. Earth dist.	-2432 Jul 25 j 00:24	16°♋52'23	1.38713 AU	
evening rise	-2432 Jul 28 j 22:56	23°♋49'12		
	-2432 Aug 01 j 14:22	0°♌		
desc. node	-2432 Aug 11 j 08:45	15°♌29'27		
	-2432 Aug 21 j 12:14	0°♍		
evening max el	-2432 Sep 02 j 12:26	14°♍20'46	24°31'21	
retrograde	-2432 Sep 13 j 20:20	20°♍58'21		
evening set	-2432 Sep 19 j 07:48	18°♍39'55		
min. Earth dist.	-2432 Sep 24 j 00:23	13°♍16'38	0.67279 AU	
inferior conj	-2432 Sep 24 j 17:45	12°♍18'31	0°-45'-55	
minimum elong	-2432 Sep 24 j 18:51	12°♍14'49	0°45'27	
asc. node	-2432 Sep 26 j 23:22	9°♍25'12		
morning rise	-2432 Sep 30 j 06:13	6°♍11'34		
direct	-2432 Oct 03 j 22:31	4°♍53'48		
morning max el	-2432 Oct 11 j 18:19	9°♍26'05	20°17'27	
greatest brilliancy	-2432 Oct 18 j 12:14	17°♍36'41	-0.6m	
	-2432 Oct 27 j 03:31	0°♎		
desc. node	-2432 Nov 07 j 08:11	17°♎00'54		
morning set	-2432 Nov 08 j 02:10	18°♎10'29		
	-2432 Nov 15 j 15:24	0°♏		
max. Earth dist.	-2432 Nov 18 j 16:55	4°♏53'06	1.43593 AU	
superior conj	-2432 Nov 24 j 10:32	14°♏12'08	-1°-36'-2	
minimum elong	-2432 Nov 24 j 03:51	13°♏44'40	1°35'32	
	-2432 Dec 03 j 19:41	0°♐		
evening rise	-2432 Dec 07 j 05:39	5°♐54'16		
	-2432 Dec 22 j 00:23	0°♑		
asc. node	-2432 Dec 23 j 22:34	2°♑20'05		
evening max el	-2432 Dec 24 j 20:05	3°♑17'13	18°11'04	
retrograde	-2432 Dec 31 j 08:51	6°♑45'44		
evening set	-2431 Jan 03 j 03:06	6°♑07'06		
inferior conj	-2431 Jan 09 j 11:08	0°♑49'59	3°53'10	
minimum elong	-2431 Jan 09 j 09:34	0°♑54'08	3°52'59	
	-2431 Jan 10 j 05:55	30°℞♐		
min. Earth dist.	-2431 Jan 12 j 02:34	28°♐02'42	0.62823 AU	
morning rise	-2431 Jan 15 j 14:11	24°♐53'28		
direct	-2431 Jan 22 j 15:06	22°♐12'45		
desc. node	-2431 Feb 03 j 07:25	27°♐56'35		
morning max el	-2431 Feb 05 j 12:12	29°♐59'59	27°43'45	
	-2431 Feb 05 j 12:12	0°♑		
	-2431 Feb 27 j 09:50	0°♒		
morning set	-2431 Mar 11 j 09:49	22°♒13'39		
	-2431 Mar 15 j 04:21	0°♓		
max. Earth dist.	-2431 Mar 16 j 23:38	3°♓49'18	1.32968 AU	
superior conj	-2431 Mar 18 j 23:41	8°♓07'17	0°-30'-21	
minimum elong	-2431 Mar 19 j 01:04	8°♓14'49	0°30'06	
asc. node	-2431 Mar 21 j 21:58	14°♓27'41		
evening rise	-2431 Mar 26 j 01:49	23°♓22'48		
	-2431 Mar 29 j 06:51	0°♈		
	-2431 Apr 17 j 13:39	0°♉		
evening max el	-2431 Apr 18 j 22:21	1°♉21'51	23°43'50	
desc. node	-2431 May 02 j 06:30	8°♉12'22		
retrograde	-2431 May 02 j 14:57	8°♉12'39		
evening set	-2431 May 06 j 15:03	7°♉37'16		
min. Earth dist.	-2431 May 13 j 09:20	4°♉27'00	0.56155 AU	
inferior conj	-2431 May 15 j 14:40	3°♉06'21	-3°-21'-33	
minimum elong	-2431 May 15 j 08:17	3°♉16'02	3°20'00	
	-2431 May 21 j 10:15	30°℞♈		
morning rise	-2431 May 24 j 05:14	29°♈07'27		
direct	-2431 May 26 j 18:46	28°♈50'47		
	-2431 May 31 j 19:58	0°♉		
morning max el	-2431 Jun 05 j 21:38	3°♉31'54	20°00'07	
asc. node	-2431 Jun 17 j 21:20	20°♉28'57		
	-2431 Jun 22 j 19:58	0°♊		
morning set	-2431 Jun 23 j 21:48	2°♊10'00		
superior conj	-2431 Jul 01 j 19:13	18°♊11'18	1°44'06	
minimum elong	-2431 Jul 01 j 17:35	18°♊03'08	1°44'04	
max. Earth dist.	-2431 Jul 07 j 04:23	28°♊41'59	1.36830 AU	
	-2431 Jul 07 j 20:52	0°♋		
evening rise	-2431 Jul 11 j 03:36	6°♋04'32		
	-2431 Jul 25 j 11:05	0°♌		
desc. node	-2431 Jul 29 j 05:46	5°♌39'11		
evening max el	-2431 Aug 15 j 23:18	27°♌53'33	25°44'14	
	-2431 Aug 18 j 06:01	0°♍		
retrograde	-2431 Aug 28 j 05:48	4°♍56'20		
evening set	-2431 Sep 03 j 08:11	2°♍21'39		
	-2431 Sep 05 j 16:27	30°℞♌		
min. Earth dist.	-2431 Sep 07 j 16:12	27°♌35'12	0.66721 AU	
inferior conj	-2431 Sep 08 j 20:49	26°♌03'50	-1°-39'-57	
minimum elong	-2431 Sep 08 j 23:13	25°♌56'10	1°38'58	
asc. node	-2431 Sep 13 j 20:27	20°♌38'09		
morning rise	-2431 Sep 14 j 14:57	20°♌06'05		
direct	-2431 Sep 17 j 20:45	19°♌05'22		
morning max el	-2431 Sep 24 j 23:32	23°♌07'50	19°17'11	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2431 Sep 30 j 14:41	0°♍	
greatest brilliancy	-2431 Oct 05 j 13:15	7°♍07'57	-0.7m
morning set	-2431 Oct 18 j 06:21	26°♍45'54	
	-2431 Oct 20 j 08:02	0°♎	
desc. node	-2431 Oct 25 j 05:13	7°♎38'27	
max. Earth dist.	-2431 Nov 01 j 07:51	18°♎49'16	1.44599 AU
superior conj	-2431 Nov 04 j 00:13	23°♎04'13	-1°00'-14
minimum elong	-2431 Nov 03 j 17:17	22°♎36'41	0°59'28
	-2431 Nov 08 j 08:22	0°♏	
evening rise	-2431 Nov 18 j 18:29	16°♏59'14	
	-2431 Nov 26 j 15:49	0°♐	
evening max el	-2431 Dec 08 j 08:23	16°♐38'57	18°31'19
asc. node	-2431 Dec 10 j 19:35	18°♐47'54	
retrograde	-2431 Dec 14 j 23:12	20°♐19'00	
evening set	-2431 Dec 17 j 21:59	19°♐30'44	
inferior conj	-2431 Dec 23 j 21:35	13°♐54'52	3°31'57
minimum elong	-2431 Dec 23 j 18:52	14°♐02'48	3°31'23
min. Earth dist.	-2431 Dec 25 j 22:05	11°♐33'04	0.64466 AU
morning rise	-2431 Dec 29 j 14:27	7°♐49'28	
direct	-2430 Jan 05 j 10:44	4°♐58'42	
morning max el	-2430 Jan 18 j 21:24	12°♐42'41	27°18'55
desc. node	-2430 Jan 21 j 04:29	15°♐06'24	
	-2430 Feb 01 j 19:56	0°♑	
	-2430 Feb 19 j 22:08	0°♒	
morning set	-2430 Feb 23 j 03:07	6°♒08'32	
max. Earth dist.	-2430 Feb 27 j 23:51	15°♒55'09	1.33791 AU
superior conj	-2430 Mar 03 j 04:59	22°♒38'11	0°-55'-39
minimum elong	-2430 Mar 03 j 07:28	22°♒51'20	0°55'15
	-2430 Mar 06 j 16:04	0°♓	
asc. node	-2430 Mar 08 j 18:59	4°♓30'50	
evening rise	-2430 Mar 10 j 12:49	8°♓11'07	
	-2430 Mar 22 j 04:41	0°♈	
evening max el	-2430 Mar 31 j 16:13	12°♈04'15	22°09'44
retrograde	-2430 Apr 13 j 10:11	18°♈17'31	
evening set	-2430 Apr 16 j 06:10	17°♈59'46	
desc. node	-2430 Apr 19 j 03:31	17°♈08'06	
min. Earth dist.	-2430 Apr 24 j 23:01	14°♈14'30	0.55221 AU
inferior conj	-2430 Apr 25 j 14:47	13°♈52'14	-1°-46'-53
minimum elong	-2430 Apr 25 j 10:01	13°♈58'58	1°45'19
morning rise	-2430 May 04 j 15:32	9°♈55'43	
direct	-2430 May 07 j 09:53	9°♈38'30	
morning max el	-2430 May 19 j 05:18	15°♈11'00	21°20'39
	-2430 May 30 j 09:06	0°♉	
asc. node	-2430 Jun 04 j 18:24	9°♉54'26	
morning set	-2430 Jun 08 j 05:50	16°♉55'19	
	-2430 Jun 14 j 12:04	0°♊	
superior conj	-2430 Jun 15 j 17:04	2°♊30'44	1°32'59
minimum elong	-2430 Jun 15 j 14:37	2°♊18'03	1°32'48
max. Earth dist.	-2430 Jun 19 j 15:33	10°♊32'31	1.35232 AU
evening rise	-2430 Jun 24 j 02:55	19°♊16'43	
	-2430 Jun 29 j 23:29	0°♋	
desc. node	-2430 Jul 16 j 02:46	25°♋24'57	
	-2430 Jul 19 j 12:28	0°♌	
evening max el	-2430 Jul 29 j 10:40	11°♌24'34	26°42'11
retrograde	-2430 Aug 11 j 10:21	18°♌41'40	
evening set	-2430 Aug 18 j 02:00	15°♌56'54	
min. Earth dist.	-2430 Aug 22 j 02:12	11°♌48'39	0.65814 AU
inferior conj	-2430 Aug 23 j 19:12	9°♌46'16	-2°-31'-53
minimum elong	-2430 Aug 23 j 22:42	9°♌35'48	2°30'38
morning rise	-2430 Aug 29 j 20:31	4°♌00'45	
asc. node	-2430 Aug 31 j 17:33	3°♌19'25	
direct	-2430 Sep 01 j 18:11	3°♌13'30	
morning max el	-2430 Sep 08 j 10:30	6°♌55'05	18°32'31
	-2430 Sep 24 j 09:02	0°♍	

morning set	-2430 Sep 28 j 10:36	6°♍34'00	
desc. node	-2430 Oct 12 j 02:13	28°♍21'26	
	-2430 Oct 13 j 03:12	0°♎	
superior conj	-2430 Oct 14 j 00:08	1°♎22'29	0°-12'-17
minimum elong	-2430 Oct 13 j 22:30	1°♎16'04	0°12'05
behind sun begin	-2430 Oct 13 j 14:48	0°♎45'41	
behind sun end	-2430 Oct 14 j 06:13	1°♎46'27	
max. Earth dist.	-2430 Oct 15 j 01:38	3°♎02'51	1.44903 AU
evening rise	-2430 Oct 30 j 06:55	27°♎01'44	
	-2430 Nov 01 j 03:57	0°♏	
	-2430 Nov 21 j 16:32	0°♐	
evening max el	-2430 Nov 21 j 18:21	0°♐04'41	19°09'05
asc. node	-2430 Nov 27 j 16:39	3°♐58'45	
retrograde	-2430 Nov 28 j 18:21	4°♐05'12	
evening set	-2430 Dec 01 j 23:26	3°♐05'21	
	-2430 Dec 05 j 09:57	30°℞♏	
inferior conj	-2430 Dec 07 j 16:45	27°♏13'37	2°58'52
minimum elong	-2430 Dec 07 j 13:44	27°♏23'10	2°58'00
min. Earth dist.	-2430 Dec 09 j 02:49	25°♏26'04	0.65753 AU
morning rise	-2430 Dec 13 j 03:08	21°♏02'07	
direct	-2430 Dec 19 j 12:45	18°♏15'14	
morning max el	-2429 Jan 01 j 06:59	25°♏44'39	26°24'48
	-2429 Jan 05 j 05:29	0°♐	
desc. node	-2429 Jan 08 j 01:32	3°♐23'57	
	-2429 Jan 26 j 08:20	0°♑	
morning set	-2429 Feb 06 j 08:12	19°♑21'31	
max. Earth dist.	-2429 Feb 10 j 12:32	27°♑24'06	1.35064 AU
	-2429 Feb 11 j 20:00	0°♒	
superior conj	-2429 Feb 15 j 04:03	6°♒45'04	-1°-19'-12
minimum elong	-2429 Feb 15 j 07:18	7°♒01'46	1°18'48
evening rise	-2429 Feb 22 j 21:09	22°♒45'08	
asc. node	-2429 Feb 23 j 16:00	24°♒21'51	
	-2429 Feb 26 j 11:23	0°♓	
evening max el	-2429 Mar 13 j 18:33	23°♓10'42	20°44'40
retrograde	-2429 Mar 24 j 23:25	28°♓32'06	
evening set	-2429 Mar 27 j 06:20	28°♓19'35	
inferior conj	-2429 Apr 05 j 09:45	24°♓22'14	0°10'25
minimum elong	-2429 Apr 05 j 10:14	24°♓21'32	0°10'15
transit middle	-2429 Apr 05 j 10:14	24°♓21'32	0°10'15
transit begin	-2429 Apr 05 j 07:07	24°♓26'00	
transit end	-2429 Apr 05 j 13:20	24°♓17'04	
desc. node	-2429 Apr 06 j 00:35	24°♓00'53	
min. Earth dist.	-2429 Apr 06 j 13:03	23°♓43'00	0.55205 AU
morning rise	-2429 Apr 14 j 12:38	20°♓09'51	
direct	-2429 Apr 17 j 21:42	19°♓45'02	
morning max el	-2429 May 01 j 02:47	26°♓09'49	22°55'44
	-2429 May 04 j 17:57	0°♈	
asc. node	-2429 May 22 j 15:28	29°♈40'01	
	-2429 May 22 j 19:20	0°♉	
morning set	-2429 May 23 j 16:48	1°♉51'34	
superior conj	-2429 May 30 j 21:40	17°♉11'33	1°16'53
minimum elong	-2429 May 30 j 19:04	16°♉57'44	1°16'34
max. Earth dist.	-2429 Jun 02 j 12:45	22°♉44'30	1.33997 AU
	-2429 Jun 06 j 01:35	0°♊	
evening rise	-2429 Jun 07 j 15:56	3°♊11'12	
	-2429 Jun 22 j 19:09	0°♋	
desc. node	-2429 Jul 02 j 23:46	14°♋36'43	
evening max el	-2429 Jul 11 j 22:11	24°♋45'05	27°17'34
	-2429 Jul 18 j 14:41	0°♌	
retrograde	-2429 Jul 25 j 09:25	2°♌06'54	
	-2429 Jul 31 j 13:51	30°℞♋	
evening set	-2429 Aug 01 j 10:34	29°♋21'49	
min. Earth dist.	-2429 Aug 05 j 04:12	25°♋50'28	0.64537 AU
inferior conj	-2429 Aug 07 j 10:36	23°♋21'50	-3°-19'-14

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2429 Aug 07 j 14:44	23°♋10'32	3°18'03
morning rise	-2429 Aug 13 j 20:32	17°♋51'50	
direct	-2429 Aug 16 j 12:35	17°♋14'38	
asc. node	-2429 Aug 18 j 14:41	17°♋37'26	
morning max el	-2429 Aug 23 j 00:55	20°♋43'31	18°04'48
	-2429 Aug 30 j 01:30	0°♌	
morning set	-2429 Sep 09 j 18:44	17°♌43'27	
	-2429 Sep 17 j 02:57	0°♍	
superior conj	-2429 Sep 23 j 08:38	10°♍10'14	0°35'43
minimum elong	-2429 Sep 23 j 12:39	10°♍26'25	0°35'13
max. Earth dist.	-2429 Sep 27 j 19:29	17°♍17'14	1.44483 AU
desc. node	-2429 Sep 28 j 23:13	19°♍07'03	
	-2429 Oct 05 j 21:49	0°♎	
evening rise	-2429 Oct 09 j 21:24	6°♎10'30	
	-2429 Oct 25 j 14:19	0°♏	
greatest brilliancy	-2429 Oct 28 j 21:30	4°♏42'29	-0.6m
evening max el	-2429 Nov 04 j 23:55	13°♏31'56	20°02'32
retrograde	-2429 Nov 12 j 15:33	18°♏00'48	
asc. node	-2429 Nov 14 j 13:45	17°♏39'25	
evening set	-2429 Nov 16 j 05:01	16°♏46'55	
inferior conj	-2429 Nov 21 j 17:55	10°♏42'20	2°17'28
minimum elong	-2429 Nov 21 j 15:12	10°♏51'21	2°16'30
min. Earth dist.	-2429 Nov 22 j 14:57	9°♏32'19	0.66675 AU
morning rise	-2429 Nov 27 j 00:47	4°♏27'13	
direct	-2429 Dec 02 j 20:17	1°♏54'36	
morning max el	-2429 Dec 14 j 15:39	8°♏55'30	25°10'10
desc. node	-2429 Dec 25 j 22:36	22°♏29'29	
	-2429 Dec 31 j 07:05	0°♐	
	-2428 Jan 18 j 22:04	0°♑	
morning set	-2428 Jan 19 j 20:02	1°♑38'02	
max. Earth dist.	-2428 Jan 23 j 14:03	8°♑29'26	1.36773 AU
superior conj	-2428 Jan 29 j 17:58	20°♑19'44	-1°-39'-11
minimum elong	-2428 Jan 29 j 21:18	20°♑36'14	1°38'56
	-2428 Feb 03 j 13:52	0°♒	
evening rise	-2428 Feb 07 j 00:46	6°♒58'55	
asc. node	-2428 Feb 10 j 13:02	13°♒55'47	
	-2428 Feb 20 j 02:08	0°♓	
evening max el	-2428 Feb 24 j 07:41	4°♓53'00	19°35'54
retrograde	-2428 Mar 04 j 19:33	9°♓24'30	
evening set	-2428 Mar 07 j 01:38	9°♓10'22	
inferior conj	-2428 Mar 15 j 13:50	5°♓05'53	1°57'29
minimum elong	-2428 Mar 15 j 18:11	4°♓58'57	1°56'08
min. Earth dist.	-2428 Mar 18 j 03:31	3°♓27'59	0.56111 AU
desc. node	-2428 Mar 22 j 21:41	0°♓55'53	
morning rise	-2428 Mar 24 j 07:13	0°♓24'43	
	-2428 Mar 25 j 19:19	30°℞♒	
direct	-2428 Mar 28 j 17:50	29°♒40'23	
	-2428 Mar 31 j 16:01	0°♓	
morning max el	-2428 Apr 11 j 18:11	6°♓44'32	24°35'27
	-2428 Apr 28 j 13:40	0°♈	
morning set	-2428 May 07 j 04:56	16°♈52'36	
asc. node	-2428 May 08 j 12:29	19°♈39'30	
	-2428 May 13 j 07:24	0°♉	
superior conj	-2428 May 14 j 06:32	2°♉05'29	0°57'04
minimum elong	-2428 May 14 j 04:18	1°♉53'26	0°56'42
max. Earth dist.	-2428 May 15 j 18:44	5°♉21'04	1.33139 AU
evening rise	-2428 May 21 j 14:35	17°♉35'09	
	-2428 May 28 j 00:06	0°♊	
	-2428 Jun 16 j 08:39	0°♋	
desc. node	-2428 Jun 18 j 20:50	2°♋59'37	
evening max el	-2428 Jun 23 j 07:49	7°♋41'27	27°23'57
retrograde	-2428 Jul 07 j 02:11	15°♋02'35	
evening set	-2428 Jul 14 j 06:21	12°♋29'46	
min. Earth dist.	-2428 Jul 17 j 20:23	9°♋29'25	0.62899 AU
inferior conj	-2428 Jul 20 j 16:12	6°♋43'32	-3°-58'-26
minimum elong	-2428 Jul 20 j 20:03	6°♋34'05	3°57'40
morning rise	-2428 Jul 27 j 11:59	1°♋32'26	
direct	-2428 Jul 30 j 00:46	1°♋02'29	
asc. node	-2428 Aug 04 j 11:46	3°♋22'32	
morning max el	-2428 Aug 05 j 16:04	4°♋26'59	17°55'01
morning set	-2428 Aug 22 j 02:17	29°♋59'53	
	-2428 Aug 22 j 02:18	0°♌	
superior conj	-2428 Sep 02 j 17:48	20°♌11'49	1°13'11
minimum elong	-2428 Sep 02 j 23:16	20°♌34'45	1°12'38
	-2428 Sep 08 j 16:10	0°♍	
max. Earth dist.	-2428 Sep 09 j 10:35	1°♍14'39	1.43392 AU
desc. node	-2428 Sep 14 j 20:13	9°♍51'54	
evening rise	-2428 Sep 18 j 02:33	14°♍58'06	
	-2428 Sep 27 j 23:35	0°♎	
greatest brilliancy	-2428 Oct 12 j 15:18	20°♎43'50	-0.5m
evening max el	-2428 Oct 17 j 23:40	26°♎58'37	21°09'10
	-2428 Oct 21 j 09:18	0°♏	
retrograde	-2428 Oct 26 j 12:36	2°♏02'24	
evening set	-2428 Oct 30 j 12:37	0°♏32'03	
asc. node	-2428 Oct 31 j 10:50	29°♎45'10	
	-2428 Oct 31 j 04:16	30°℞♎	
inferior conj	-2428 Nov 04 j 22:44	24°♎17'56	1°30'11
minimum elong	-2428 Nov 04 j 20:47	24°♎24'38	1°29'22
min. Earth dist.	-2428 Nov 05 j 08:11	23°♎45'30	0.67249 AU
morning rise	-2428 Nov 10 j 04:36	18°♎01'32	
direct	-2428 Nov 15 j 08:38	15°♎49'12	
morning max el	-2428 Nov 26 j 00:25	22°♎10'25	23°44'54
	-2428 Dec 02 j 20:03	0°♏	
desc. node	-2428 Dec 11 j 19:39	12°♏08'47	
	-2428 Dec 23 j 15:14	0°♐	
morning set	-2428 Dec 31 j 08:27	12°♐41'32	
max. Earth dist.	-2427 Jan 04 j 09:54	19°♐43'46	1.38787 AU
	-2427 Jan 10 j 01:56	0°♑	
superior conj	-2427 Jan 11 j 18:53	3°♑11'28	-1°-53'-8
minimum elong	-2427 Jan 11 j 21:08	3°♑22'08	1°53'06
evening rise	-2427 Jan 20 j 21:10	20°♑45'33	
	-2427 Jan 25 j 17:06	0°♒	
asc. node	-2427 Jan 27 j 10:04	3°♒06'25	
evening max el	-2427 Feb 06 j 06:40	17°♒10'19	18°46'35
retrograde	-2427 Feb 14 j 08:49	21°♒05'10	
evening set	-2427 Feb 16 j 18:03	20°♒46'04	
inferior conj	-2427 Feb 24 j 12:36	16°♒24'00	3°11'33
minimum elong	-2427 Feb 24 j 16:55	16°♒15'59	3°10'36
min. Earth dist.	-2427 Feb 27 j 19:49	13°♒58'25	0.57715 AU
morning rise	-2427 Mar 04 j 11:55	11°♒12'35	
desc. node	-2427 Mar 09 j 18:45	9°♒55'46	
direct	-2427 Mar 10 j 02:49	9°♒55'29	
morning max el	-2427 Mar 24 j 09:54	17°♒23'28	26°05'26
	-2427 Apr 03 j 19:33	0°♓	
	-2427 Apr 20 j 18:56	0°♈	
morning set	-2427 Apr 21 j 16:35	1°♈52'50	
asc. node	-2427 Apr 25 j 09:30	9°♈48'06	
superior conj	-2427 Apr 28 j 17:43	17°♈06'06	0°34'31
minimum elong	-2427 Apr 28 j 16:15	16°♈58'04	0°34'14
max. Earth dist.	-2427 Apr 29 j 06:17	18°♈14'51	1.32637 AU
	-2427 May 04 j 17:14	0°♉	
evening rise	-2427 May 05 j 19:48	2°♉18'42	
	-2427 May 20 j 22:26	0°♊	
evening max el	-2427 Jun 05 j 12:47	20°♊00'56	26°57'39
desc. node	-2427 Jun 05 j 17:52	20°♊12'58	
retrograde	-2427 Jun 19 j 11:54	27°♊20'04	
evening set	-2427 Jun 26 j 09:08	25°♊13'17	
min. Earth dist.	-2427 Jun 30 j 02:23	22°♊31'27	0.60968 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2427 Jul 03 j 08:37	19°♊43'20	-4°-23'-58	
minimum elong	-2427 Jul 03 j 10:45	19°♊38'42	4°23'45	
morning rise	-2427 Jul 10 j 15:22	14°♊53'56		
direct	-2427 Jul 13 j 02:52	14°♊29'17		
morning max el	-2427 Jul 20 j 05:08	17°♊58'54	18°04'05	
asc. node	-2427 Jul 22 j 08:49	20°♊19'48		
	-2427 Jul 28 j 20:48	0°♋		
morning set	-2427 Aug 05 j 03:28	13°♋07'34		
	-2427 Aug 14 j 08:55	0°♌		
superior conj	-2427 Aug 15 j 06:22	1°♌35'17	1°36'38	
minimum elong	-2427 Aug 15 j 10:07	1°♌51'50	1°36'25	
max. Earth dist.	-2427 Aug 22 j 20:09	14°♌36'55	1.41774 AU	
evening rise	-2427 Aug 28 j 17:30	24°♌14'42		
	-2427 Sep 01 j 08:50	0°♍		
desc. node	-2427 Sep 01 j 17:14	0°♍32'47		
	-2427 Sep 21 j 23:31	0°♎		
greatest brilliancy	-2427 Sep 25 j 23:24	5°♎04'44	-0.3m	
evening max el	-2427 Sep 30 j 17:23	10°♎25'08	22°25'18	
retrograde	-2427 Oct 10 j 07:53	16°♎07'41		
evening set	-2427 Oct 14 j 20:28	14°♎18'59		
asc. node	-2427 Oct 18 j 07:55	10°♎32'51		
inferior conj	-2427 Oct 20 j 05:20	7°♎58'55	0°38'55	
minimum elong	-2427 Oct 20 j 04:26	8°♎02'01	0°38'31	
min. Earth dist.	-2427 Oct 20 j 04:13	8°♎02'45	0.67501 AU	
morning rise	-2427 Oct 25 j 12:17	1°♎43'49		
	-2427 Oct 28 j 22:24	30°℞♍		
direct	-2427 Oct 30 j 01:12	29°♍53'39		
	-2427 Oct 31 j 04:44	0°♎		
morning max el	-2427 Nov 08 j 12:09	5°♎30'18	22°18'22	
greatest brilliancy	-2427 Nov 13 j 04:41	10°♎47'22	-0.3m	
	-2427 Nov 27 j 04:55	0°♏		
desc. node	-2427 Nov 28 j 16:40	2°♏12'15		
morning set	-2427 Dec 11 j 16:19	22°♏21'00		
	-2427 Dec 16 j 07:56	0°♐		
max. Earth dist.	-2427 Dec 17 j 07:25	1°♐38'30	1.40868 AU	
superior conj	-2427 Dec 25 j 01:48	15°♐07'12	-1°-57'-41	
minimum elong	-2427 Dec 25 j 01:20	15°♐05'07	1°57'45	
	-2426 Jan 02 j 04:32	0°♑		
evening rise	-2426 Jan 04 j 07:13	3°♑57'13		
asc. node	-2426 Jan 14 j 07:06	21°♑45'31		
evening max el	-2426 Jan 20 j 13:01	29°♑55'06	18°17'20	
	-2426 Jan 20 j 15:02	0°♒		
retrograde	-2426 Jan 27 j 16:29	3°♒28'50		
evening set	-2426 Jan 30 j 05:09	3°♒03'04		
	-2426 Feb 04 j 08:03	30°℞♑		
inferior conj	-2426 Feb 06 j 07:58	28°♑19'48	3°49'26	
minimum elong	-2426 Feb 06 j 09:58	28°♑15'28	3°49'11	
min. Earth dist.	-2426 Feb 09 j 16:43	25°♑26'57	0.59698 AU	
morning rise	-2426 Feb 13 j 11:31	22°♑45'15		
direct	-2426 Feb 20 j 00:17	20°♑49'19		
desc. node	-2426 Feb 24 j 15:49	21°♑44'40		
morning max el	-2426 Mar 06 j 06:32	28°♑30'21	27°10'56	
	-2426 Mar 07 j 17:58	0°♒		
	-2426 Mar 28 j 11:37	0°♓		
morning set	-2426 Apr 06 j 01:56	16°♓44'33		
asc. node	-2426 Apr 12 j 06:30	0°♈00'30		
	-2426 Apr 12 j 06:24	0°♈		
superior conj	-2426 Apr 13 j 05:26	2°♈06'02	0°10'04	
minimum elong	-2426 Apr 13 j 04:58	2°♈03'33	0°09'58	
behind sun begin	-2426 Apr 13 j 01:04	1°♈42'07		
behind sun end	-2426 Apr 13 j 08:53	2°♈24'59		
max. Earth dist.	-2426 Apr 12 j 19:29	1°♈11'33	1.32477 AU	
evening rise	-2426 Apr 20 j 05:02	17°♈12'12		
	-2426 Apr 26 j 14:33	0°♉		
	-2426 May 16 j 20:39	0°♊		
evening max el	-2426 May 18 j 11:17	1°♊36'23	25°59'45	
desc. node	-2426 May 23 j 14:53	5°♊47'23		
retrograde	-2426 Jun 01 j 13:11	8°♊51'46		
evening set	-2426 Jun 07 j 14:52	7°♊21'57		
min. Earth dist.	-2426 Jun 11 j 23:54	4°♊41'04	0.58913 AU	
inferior conj	-2426 Jun 15 j 08:12	2°♊11'16	-4°-27'-24	
minimum elong	-2426 Jun 15 j 06:58	2°♊13'35	4°27'19	
	-2426 Jun 18 j 09:56	30°℞♉		
morning rise	-2426 Jun 23 j 02:52	27°♉44'26		
direct	-2426 Jun 25 j 14:24	27°♉23'47		
	-2426 Jul 02 j 04:46	0°♊		
morning max el	-2426 Jul 03 j 13:11	1°♊10'20	18°32'56	
asc. node	-2426 Jul 09 j 05:51	8°♊13'34		
morning set	-2426 Jul 19 j 17:27	26°♊53'28		
	-2426 Jul 21 j 08:04	0°♋		
superior conj	-2426 Jul 28 j 17:40	14°♋07'05	1°47'16	
minimum elong	-2426 Jul 28 j 18:55	14°♋12'51	1°47'17	
max. Earth dist.	-2426 Aug 04 j 23:53	27°♋13'40	1.39850 AU	
	-2426 Aug 06 j 14:17	0°♌		
evening rise	-2426 Aug 09 j 07:33	4°♌37'14		
desc. node	-2426 Aug 19 j 14:14	21°♌05'43		
	-2426 Aug 25 j 13:24	0°♍		
evening max el	-2426 Sep 13 j 06:36	23°♍53'48	23°45'48	
	-2426 Sep 22 j 05:12	0°♎		
retrograde	-2426 Sep 24 j 00:07	0°♎13'40		
	-2426 Sep 25 j 17:15	30°℞♍		
evening set	-2426 Sep 29 j 02:50	28°♍05'59		
inferior conj	-2426 Oct 04 j 11:56	21°♍43'50	0°-14'-39	
minimum elong	-2426 Oct 04 j 12:17	21°♍42'38	0°14'30	
transit middle	-2426 Oct 04 j 12:17	21°♍42'38	0°14'30	
transit begin	-2426 Oct 04 j 11:02	21°♍46'53		
transit end	-2426 Oct 04 j 13:32	21°♍38'23		
min. Earth dist.	-2426 Oct 04 j 00:37	22°♍22'25	0.67443 AU	
asc. node	-2426 Oct 05 j 04:58	20°♍46'00		
morning rise	-2426 Oct 09 j 21:53	15°♍32'50		
direct	-2426 Oct 13 j 21:06	14°♍03'58		
morning max el	-2426 Oct 22 j 05:48	18°♍58'08	20°58'20	
greatest brilliancy	-2426 Oct 27 j 22:27	25°♍38'27	-0.5m	
	-2426 Oct 31 j 04:47	0°♎		
desc. node	-2426 Nov 15 j 13:41	22°♎33'13		
	-2426 Nov 20 j 09:30	0°♏		
morning set	-2426 Nov 20 j 22:21	0°♏50'07		
max. Earth dist.	-2426 Nov 29 j 11:31	14°♏27'16	1.42726 AU	
superior conj	-2426 Dec 06 j 09:15	25°♏54'42	-1°-48'-45	
minimum elong	-2426 Dec 06 j 04:41	25°♏35'23	1°48'34	
	-2426 Dec 08 j 18:48	0°♐		
evening rise	-2426 Dec 18 j 03:11	16°♐26'32		
	-2426 Dec 25 j 19:48	0°♑		
asc. node	-2425 Jan 01 j 04:08	9°♑43'44		
evening max el	-2425 Jan 03 j 23:58	13°♑00'09	18°07'52	
retrograde	-2425 Jan 10 j 15:21	16°♑26'50		
evening set	-2425 Jan 13 j 07:26	15°♑53'14		
inferior conj	-2425 Jan 19 j 21:31	10°♑48'24	3°58'05	
minimum elong	-2425 Jan 19 j 21:03	10°♑49'35	3°58'01	
min. Earth dist.	-2425 Jan 22 j 21:01	7°♑52'42	0.61735 AU	
morning rise	-2425 Jan 26 j 08:18	4°♑58'29		
direct	-2425 Feb 02 j 08:04	2°♑29'56		
desc. node	-2425 Feb 11 j 12:53	6°♑06'17		
morning max el	-2425 Feb 16 j 09:17	10°♑16'49	27°42'16	
	-2425 Mar 03 j 19:00	0°♒		
	-2425 Mar 20 j 15:10	0°♓		
morning set	-2425 Mar 21 j 07:02	1°♓20'41		
max. Earth dist.	-2425 Mar 27 j 06:35	13°♓57'55	1.32676 AU	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2425 Mar 28 j 16:03	16°♓59'27	0°-15'-30
minimum elong	-2425 Mar 28 j 16:46	17°♓03'19	0°15'23
behind sun begin	-2425 Mar 28 j 15:33	16°♓56'44	
behind sun end	-2425 Mar 28 j 17:58	17°♓09'54	
asc. node	-2425 Mar 30 j 03:31	20°♓12'35	
	-2425 Apr 03 j 16:05	0°♈	
evening rise	-2425 Apr 04 j 16:22	2°♈08'42	
	-2425 Apr 19 j 22:59	0°♉	
evening max el	-2425 Apr 30 j 04:15	12°♉34'02	24°37'27
desc. node	-2425 May 10 j 11:55	19°♉06'59	
retrograde	-2425 May 14 j 03:35	19°♉37'44	
evening set	-2425 May 18 j 22:38	18°♉45'45	
min. Earth dist.	-2425 May 24 j 16:10	15°♉49'33	0.57026 AU
inferior conj	-2425 May 27 j 12:07	13°♉59'18	-3°-57'-37
minimum elong	-2425 May 27 j 07:00	14°♉07'40	3°56'44
morning rise	-2425 Jun 04 j 19:24	9°♉52'01	
direct	-2425 Jun 07 j 07:48	9°♉34'18	
morning max el	-2425 Jun 16 j 13:16	13°♉51'50	19°22'20
asc. node	-2425 Jun 26 j 02:53	26°♉51'04	
	-2425 Jun 27 j 21:31	0°♊	
morning set	-2425 Jul 03 j 16:34	11°♊08'26	
superior conj	-2425 Jul 11 j 22:01	27°♊31'07	1°47'36
minimum elong	-2425 Jul 11 j 21:12	27°♊27'09	1°47'38
	-2425 Jul 13 j 04:39	0°♋	
max. Earth dist.	-2425 Jul 18 j 02:03	9°♋14'14	1.37889 AU
evening rise	-2425 Jul 21 j 23:10	16°♋14'12	
	-2425 Jul 30 j 02:40	0°♌	
desc. node	-2425 Aug 06 j 11:13	11°♌25'38	
	-2425 Aug 20 j 01:28	0°♍	
evening max el	-2425 Aug 26 j 17:51	7°♍26'02	25°03'46
retrograde	-2425 Sep 07 j 12:11	14°♍15'48	
evening set	-2425 Sep 13 j 05:56	11°♍50'14	
min. Earth dist.	-2425 Sep 17 j 18:53	6°♍42'04	0.67079 AU
inferior conj	-2425 Sep 18 j 16:49	5°♍29'51	-1°-9'00
minimum elong	-2425 Sep 18 j 18:29	5°♍24'23	1°08'17
asc. node	-2425 Sep 22 j 02:02	1°♍22'13	
	-2425 Sep 23 j 13:16	30°℞♌	
morning rise	-2425 Sep 24 j 07:29	29°♌26'09	
direct	-2425 Sep 27 j 19:02	28°♌15'58	
	-2425 Oct 02 j 08:09	0°♍	
morning max el	-2425 Oct 05 j 06:48	2°♍34'42	19°49'55
greatest brilliancy	-2425 Oct 13 j 03:10	12°♍23'33	-0.6m
	-2425 Oct 24 j 23:10	0°♎	
morning set	-2425 Oct 30 j 20:00	9°♎02'28	
desc. node	-2425 Nov 02 j 10:42	13°♎05'48	
max. Earth dist.	-2425 Nov 11 j 23:09	28°♎03'46	1.44105 AU
	-2425 Nov 13 j 04:18	0°♏	
superior conj	-2425 Nov 16 j 13:25	5°♏25'58	-1°-22'-53
minimum elong	-2425 Nov 16 j 05:56	4°♏55'42	1°22'10
evening rise	-2425 Nov 30 j 04:35	28°♏04'11	
	-2425 Dec 01 j 07:49	0°♐	
evening max el	-2425 Dec 18 j 12:35	26°♐17'35	18°17'31
asc. node	-2425 Dec 19 j 01:11	26°♐48'33	
retrograde	-2425 Dec 25 j 01:09	29°♐49'24	
evening set	-2425 Dec 27 j 21:14	29°♐06'48	
inferior conj	-2424 Jan 03 j 01:24	23°♐41'36	3°45'50
minimum elong	-2424 Jan 02 j 23:14	23°♐47'35	3°45'30
min. Earth dist.	-2424 Jan 05 j 10:37	21°♐03'38	0.63571 AU
morning rise	-2424 Jan 08 j 23:40	17°♐41'10	
direct	-2424 Jan 15 j 23:44	14°♐54'07	
desc. node	-2424 Jan 29 j 09:57	22°♐24'09	
morning max el	-2424 Jan 29 j 16:39	22°♐40'39	27°37'07
	-2424 Feb 05 j 05:09	0°♑	
	-2424 Feb 24 j 23:27	0°♒	
morning set	-2424 Mar 04 j 05:28	15°♒32'55	
max. Earth dist.	-2424 Mar 09 j 11:46	26°♒20'57	1.33264 AU
	-2424 Mar 11 j 05:06	0°♓	
superior conj	-2424 Mar 11 j 23:51	1°♓40'15	0°-41'-13
minimum elong	-2424 Mar 12 j 01:44	1°♓50'20	0°40'53
asc. node	-2424 Mar 16 j 00:33	10°♓20'12	
evening rise	-2424 Mar 19 j 03:59	17°♓01'45	
	-2424 Mar 25 j 15:41	0°♈	
evening max el	-2424 Apr 10 j 20:02	23°♈14'08	23°03'28
retrograde	-2424 Apr 24 j 04:52	29°♈50'36	
desc. node	-2424 Apr 26 j 08:57	29°♈40'10	
evening set	-2424 Apr 27 j 15:32	29°♈24'40	
min. Earth dist.	-2424 May 05 j 06:03	26°♈01'22	0.55653 AU
inferior conj	-2424 May 06 j 20:42	25°♈05'10	-2°-45'-54
minimum elong	-2424 May 06 j 14:22	25°♈14'25	2°44'06
morning rise	-2424 May 15 j 16:07	21°♈09'04	
direct	-2424 May 18 j 07:07	20°♈52'33	
morning max el	-2424 May 29 j 03:06	25°♈54'43	20°32'13
	-2424 Jun 01 j 21:42	0°♉	
asc. node	-2424 Jun 11 j 23:57	16°♉01'52	
morning set	-2424 Jun 16 j 22:05	25°♉45'19	
	-2424 Jun 18 j 23:41	0°♊	
superior conj	-2424 Jun 24 j 14:37	11°♊34'04	1°40'05
minimum elong	-2424 Jun 24 j 12:33	11°♊23'33	1°40'00
max. Earth dist.	-2424 Jun 29 j 08:55	21°♊03'13	1.36111 AU
evening rise	-2424 Jul 03 j 12:30	28°♊56'20	
	-2424 Jul 04 j 02:17	0°♋	
	-2424 Jul 22 j 08:12	0°♌	
desc. node	-2424 Jul 23 j 08:14	1°♌26'42	
evening max el	-2424 Aug 08 j 05:08	21°♌00'24	26°11'12
retrograde	-2424 Aug 20 j 19:28	28°♌09'44	
evening set	-2424 Aug 27 j 03:49	25°♌30'06	
min. Earth dist.	-2424 Aug 31 j 08:33	20°♌59'44	0.66386 AU
inferior conj	-2424 Sep 01 j 18:11	19°♌15'07	-2°-2'-20
minimum elong	-2424 Sep 01 j 21:05	19°♌06'05	2°01'13
morning rise	-2424 Sep 07 j 15:11	13°♌22'02	
asc. node	-2424 Sep 07 j 23:07	13°♌10'58	
direct	-2424 Sep 10 j 17:20	12°♌27'19	
morning max el	-2424 Sep 17 j 14:40	16°♌19'29	18°56'08
	-2424 Sep 27 j 19:49	0°♍	
morning set	-2424 Oct 09 j 09:10	18°♍06'12	
	-2424 Oct 16 j 22:12	0°♎	
desc. node	-2424 Oct 19 j 07:43	3°♎46'14	
max. Earth dist.	-2424 Oct 24 j 16:07	12°♎11'26	1.44830 AU
superior conj	-2424 Oct 25 j 18:53	13°♎56'56	0°-40'-45
minimum elong	-2424 Oct 25 j 13:41	13°♎36'28	0°40'07
	-2424 Nov 04 j 21:23	0°♏	
evening rise	-2424 Nov 10 j 07:13	8°♏42'59	
	-2424 Nov 23 j 15:04	0°♐	
evening max el	-2424 Dec 01 j 00:13	9°♐41'42	18°45'19
asc. node	-2424 Dec 04 j 22:16	12°♐45'44	
retrograde	-2424 Dec 07 j 17:55	13°♐29'05	
evening set	-2424 Dec 10 j 19:16	12°♐35'58	
inferior conj	-2424 Dec 16 j 15:56	6°♐52'50	3°19'05
minimum elong	-2424 Dec 16 j 13:00	7°♐01'43	3°18'22
min. Earth dist.	-2424 Dec 18 j 10:03	4°♐45'15	0.65068 AU
morning rise	-2424 Dec 22 j 05:40	0°♐44'44	
	-2424 Dec 23 j 04:01	30°℞♏	
direct	-2424 Dec 28 j 22:00	27°♏54'23	
	-2423 Jan 04 j 07:40	0°♐	
morning max el	-2423 Jan 11 j 02:13	5°♐32'44	26°58'57
desc. node	-2423 Jan 15 j 07:01	10°♐05'36	
	-2423 Jan 29 j 21:05	0°♑	
morning set	-2423 Feb 15 j 18:04	29°♑11'12	
	-2423 Feb 16 j 04:12	0°♒	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2423 Feb 20 j 07:31	8°♒11'43	1.34282 AU
superior conj	-2423 Feb 24 j 02:49	16°♒01'45	-1°-5'-58
minimum elong	-2423 Feb 24 j 05:41	16°♒16'46	1°05'32
asc. node	-2423 Mar 02 j 21:36	0°♓18'52	
	-2423 Mar 02 j 17:59	0°♓	
evening rise	-2423 Mar 03 j 14:06	1°♓44'55	
	-2423 Mar 19 j 23:42	0°♈	
evening max el	-2423 Mar 23 j 16:53	4°♈03'48	21°31'49
retrograde	-2423 Apr 04 j 19:58	9°♈55'51	
evening set	-2423 Apr 07 j 08:46	9°♈41'18	
desc. node	-2423 Apr 13 j 06:02	7°♈32'25	
inferior conj	-2423 Apr 16 j 16:48	5°♈40'13	0°-57'-58
minimum elong	-2423 Apr 16 j 14:05	5°♈44'01	0°57'01
min. Earth dist.	-2423 Apr 16 j 19:26	5°♈36'31	0.55094 AU
morning rise	-2423 Apr 25 j 19:49	1°♈39'38	
direct	-2423 Apr 28 j 19:08	1°♈20'18	
morning max el	-2423 May 11 j 06:02	7°♈15'09	21°59'57
	-2423 May 27 j 00:07	0°♉	
asc. node	-2423 May 29 j 21:00	5°♉36'43	
morning set	-2423 Jun 01 j 07:37	10°♉36'19	
superior conj	-2423 Jun 08 j 15:41	26°♉03'43	1°26'42
minimum elong	-2423 Jun 08 j 13:06	25°♉50'10	1°26'26
	-2423 Jun 10 j 13:01	0°♊	
max. Earth dist.	-2423 Jun 12 j 00:32	3°♊02'37	1.34656 AU
evening rise	-2423 Jun 16 j 18:11	12°♊27'57	
	-2423 Jun 26 j 10:23	0°♋	
desc. node	-2423 Jul 10 j 05:15	20°♋59'43	
	-2423 Jul 17 j 10:38	0°♌	
evening max el	-2423 Jul 21 j 16:43	4°♌28'27	27°00'21
retrograde	-2423 Aug 03 j 21:35	11°♌47'59	
evening set	-2423 Aug 10 j 18:05	9°♌01'31	
min. Earth dist.	-2423 Aug 14 j 15:14	5°♌09'39	0.65324 AU
inferior conj	-2423 Aug 16 j 13:54	2°♌55'17	-2°-52'-40
minimum elong	-2423 Aug 16 j 17:45	2°♌44'12	2°51'24
	-2423 Aug 19 j 05:56	30°℞♋	
morning rise	-2423 Aug 22 j 18:44	27°♋16'10	
direct	-2423 Aug 25 j 13:48	26°♋33'30	
asc. node	-2423 Aug 25 j 20:13	26°♋33'54	
morning max el	-2423 Sep 01 j 03:29	0°♌08'17	18°18'38
	-2423 Sep 01 j 00:10	0°♌	
morning set	-2423 Sep 20 j 01:34	28°♌30'22	
	-2423 Sep 20 j 23:23	0°♍	
superior conj	-2423 Oct 04 j 19:42	22°♍20'13	0°08'52
minimum elong	-2423 Oct 04 j 20:50	22°♍24'42	0°08'43
behind sun begin	-2423 Oct 04 j 11:22	21°♍47'09	
behind sun end	-2423 Oct 05 j 06:18	23°♍02'14	
desc. node	-2423 Oct 06 j 04:44	24°♍30'58	
max. Earth dist.	-2423 Oct 07 j 10:47	26°♍29'34	1.44817 AU
	-2423 Oct 09 j 16:14	0°♎	
evening rise	-2423 Oct 21 j 09:36	18°♎21'14	
	-2423 Oct 28 j 20:56	0°♏	
greatest brilliancy	-2423 Nov 05 j 12:50	11°♏39'08	-0.7m
evening max el	-2423 Nov 14 j 08:29	23°♏08'26	19°29'57
retrograde	-2423 Nov 21 j 14:23	27°♏20'20	
asc. node	-2423 Nov 21 j 19:20	27°♏20'06	
evening set	-2423 Nov 24 j 22:47	26°♏14'43	
inferior conj	-2423 Nov 30 j 13:59	20°♏16'48	2°42'11
minimum elong	-2423 Nov 30 j 11:02	20°♏26'23	2°41'13
min. Earth dist.	-2423 Dec 01 j 18:13	18°♏45'19	0.66188 AU
morning rise	-2423 Dec 05 j 22:32	14°♏03'24	
direct	-2423 Dec 12 j 02:16	11°♏21'55	
morning max el	-2423 Dec 24 j 11:45	18°♏40'56	25°55'02
desc. node	-2422 Jan 02 j 04:06	28°♏46'02	
	-2422 Jan 03 j 02:48	0°♐	
	-2422 Jan 22 j 21:33	0°♑	
morning set	-2422 Jan 29 j 16:35	12°♑02'52	
max. Earth dist.	-2422 Feb 02 j 15:35	19°♑30'18	1.35743 AU
superior conj	-2422 Feb 07 j 22:24	29°♑56'29	-1°-28'-16
minimum elong	-2422 Feb 08 j 01:49	0°♒13'40	1°27'53
	-2422 Feb 07 j 23:06	0°♒	
evening rise	-2422 Feb 15 j 20:46	16°♒11'54	
asc. node	-2422 Feb 17 j 18:38	20°♒03'55	
	-2422 Feb 22 j 23:33	0°♓	
evening max el	-2422 Mar 05 j 23:39	15°♓24'56	20°13'06
retrograde	-2422 Mar 16 j 11:03	20°♓24'39	
evening set	-2422 Mar 18 j 16:28	20°♓12'05	
inferior conj	-2422 Mar 27 j 14:06	16°♓13'09	0°58'55
minimum elong	-2422 Mar 27 j 16:39	16°♓09'20	0°58'02
min. Earth dist.	-2422 Mar 29 j 09:35	15°♓08'24	0.55482 AU
desc. node	-2422 Mar 31 j 03:07	14°♓09'06	
morning rise	-2422 Apr 05 j 14:20	11°♓49'27	
direct	-2422 Apr 09 j 08:58	11°♓18'17	
morning max el	-2422 Apr 23 j 00:28	18°♓01'52	23°38'29
	-2422 May 02 j 18:46	0°♈	
morning set	-2422 May 16 j 19:17	25°♈35'26	
asc. node	-2422 May 16 j 18:03	25°♈29'02	
	-2422 May 18 j 21:16	0°♉	
superior conj	-2422 May 23 j 22:22	10°♉51'10	1°08'53
minimum elong	-2422 May 23 j 19:52	10°♉37'48	1°08'32
max. Earth dist.	-2422 May 26 j 01:37	15°♉24'40	1.33581 AU
evening rise	-2422 May 31 j 11:42	26°♉36'04	
	-2422 Jun 02 j 04:56	0°♊	
	-2422 Jun 19 j 18:38	0°♋	
desc. node	-2422 Jun 27 j 02:16	9°♋52'44	
evening max el	-2422 Jul 04 j 03:26	17°♋39'09	27°24'03
retrograde	-2422 Jul 17 j 18:10	25°♋01'49	
evening set	-2422 Jul 24 j 21:40	22°♋19'52	
min. Earth dist.	-2422 Jul 28 j 13:04	19°♋03'04	0.63881 AU
inferior conj	-2422 Jul 31 j 01:27	16°♋25'19	-3°-37'-8
minimum elong	-2422 Jul 31 j 05:36	16°♋14'26	3°36'06
morning rise	-2422 Aug 06 j 15:28	11°♋03'18	
direct	-2422 Aug 09 j 05:47	10°♋29'36	
asc. node	-2422 Aug 12 j 17:18	11°♋30'18	
morning max el	-2422 Aug 15 j 18:35	13°♋55'34	17°58'27
	-2422 Aug 26 j 22:04	0°♌	
morning set	-2422 Sep 01 j 20:18	10°♌09'56	
	-2422 Sep 13 j 14:02	0°♍	
superior conj	-2422 Sep 14 j 13:36	1°♍36'42	0°53'15
minimum elong	-2422 Sep 14 j 18:47	1°♍57'51	0°52'39
max. Earth dist.	-2422 Sep 20 j 03:29	10°♍37'47	1.44089 AU
desc. node	-2422 Sep 23 j 01:43	15°♍16'41	
evening rise	-2422 Sep 30 j 17:54	27°♍15'09	
	-2422 Oct 02 j 12:44	0°♎	
greatest brilliancy	-2422 Oct 22 j 05:57	29°♎03'37	-0.5m
	-2422 Oct 22 j 22:56	0°♏	
evening max el	-2422 Oct 28 j 11:34	6°♏35'14	20°29'25
retrograde	-2422 Nov 05 j 11:51	11°♏18'51	
asc. node	-2422 Nov 08 j 16:24	10°♏20'14	
evening set	-2422 Nov 09 j 05:26	9°♏58'22	
inferior conj	-2422 Nov 14 j 16:58	3°♏49'09	1°58'01
minimum elong	-2422 Nov 14 j 14:32	3°♏57'24	1°57'05
min. Earth dist.	-2422 Nov 15 j 08:55	2°♏55'09	0.66955 AU
	-2422 Nov 17 j 15:11	30°℞♎	
morning rise	-2422 Nov 19 j 23:06	27°♎32'55	
direct	-2422 Nov 25 j 11:59	25°♎08'26	
	-2422 Dec 04 j 20:31	0°♏	
morning max el	-2422 Dec 06 j 20:18	1°♏54'24	24°34'35
desc. node	-2422 Dec 20 j 01:08	18°♏07'27	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2422 Dec 28 j 04:58	0°♐	
morning set	-2421 Jan 11 j 19:15	23°♐50'43	
	-2421 Jan 15 j 06:03	0°♑	
max. Earth dist.	-2421 Jan 15 j 13:30	0°♑33'52	1.37601 AU
superior conj	-2421 Jan 22 j 07:17	13°♑14'08	-1°-46'-2
minimum elong	-2421 Jan 22 j 10:20	13°♑28'57	1°45'52
evening rise	-2421 Jan 30 j 21:37	0°♒14'51	
	-2421 Jan 30 j 18:38	0°♒	
asc. node	-2421 Feb 04 j 15:40	9°♒28'53	
evening max el	-2421 Feb 16 j 17:12	27°♒22'51	19°12'29
	-2421 Feb 20 j 02:07	0°♓	
retrograde	-2421 Feb 25 j 13:42	1°♓36'50	
evening set	-2421 Feb 27 j 20:45	1°♓21'01	
	-2421 Mar 03 j 10:57	30°℞♒	
inferior conj	-2421 Mar 08 j 01:27	27°♒10'11	2°33'29
minimum elong	-2421 Mar 08 j 06:14	27°♒02'05	2°32'11
min. Earth dist.	-2421 Mar 11 j 00:57	25°♒09'42	0.56724 AU
morning rise	-2421 Mar 16 j 11:45	22°♒15'12	
desc. node	-2421 Mar 18 j 00:12	21°♒45'51	
direct	-2421 Mar 21 j 10:36	21°♒18'08	
morning max el	-2421 Apr 04 j 15:19	28°♒35'04	25°15'47
	-2421 Apr 06 j 01:19	0°♓	
	-2421 Apr 26 j 01:21	0°♈	
morning set	-2421 May 01 j 07:21	10°♈36'25	
asc. node	-2421 May 03 j 15:05	15°♈32'52	
superior conj	-2421 May 08 j 08:25	25°♈48'38	0°47'47
minimum elong	-2421 May 08 j 06:29	25°♈38'03	0°47'26
max. Earth dist.	-2421 May 09 j 10:06	28°♈08'18	1.32878 AU
	-2421 May 10 j 06:44	0°♉	
evening rise	-2421 May 15 j 13:26	11°♉09'13	
	-2421 May 25 j 11:00	0°♊	
desc. node	-2421 Jun 13 j 23:18	27°♊48'56	
	-2421 Jun 16 j 02:40	0°♋	
evening max el	-2421 Jun 16 j 11:19	0°♋20'50	27°16'54
retrograde	-2421 Jun 30 j 08:23	7°♋41'58	
evening set	-2421 Jul 07 j 10:47	5°♋18'38	
min. Earth dist.	-2421 Jul 11 j 01:01	2°♋27'52	0.62095 AU
	-2421 Jul 13 j 16:46	30°℞♊	
inferior conj	-2421 Jul 14 j 01:51	29°♊38'41	-4°-11'-27
minimum elong	-2421 Jul 14 j 05:11	29°♊30'55	4°10'55
morning rise	-2421 Jul 21 j 02:11	24°♊36'33	
direct	-2421 Jul 23 j 14:03	24°♊09'11	
morning max el	-2421 Jul 30 j 09:12	27°♊35'03	17°56'31
asc. node	-2421 Jul 30 j 14:21	27°♊47'51	
	-2421 Aug 01 j 13:37	0°♋	
morning set	-2421 Aug 15 j 12:01	22°♋49'57	
	-2421 Aug 19 j 11:32	0°♌	
superior conj	-2421 Aug 26 j 10:42	12°♌13'59	1°24'50
minimum elong	-2421 Aug 26 j 15:40	12°♌35'17	1°24'25
max. Earth dist.	-2421 Sep 02 j 15:54	24°♌20'15	1.42749 AU
	-2421 Sep 06 j 03:46	0°♍	
desc. node	-2421 Sep 09 j 22:43	6°♍00'32	
evening rise	-2421 Sep 10 j 00:55	6°♍09'12	
	-2421 Sep 25 j 20:49	0°♎	
greatest brilliancy	-2421 Oct 06 j 10:41	14°♎24'40	-0.4m
evening max el	-2421 Oct 11 j 08:44	20°♎02'25	21°40'42
retrograde	-2421 Oct 20 j 08:19	25°♎22'34	
evening set	-2421 Oct 24 j 13:21	23°♎44'51	
asc. node	-2421 Oct 26 j 13:27	21°♎49'51	
inferior conj	-2421 Oct 29 j 22:46	17°♎27'55	1°08'51
minimum elong	-2421 Oct 29 j 21:14	17°♎33'13	1°08'12
min. Earth dist.	-2421 Oct 30 j 03:44	17°♎10'47	0.67393 AU
morning rise	-2421 Nov 04 j 04:50	11°♎11'33	
direct	-2421 Nov 09 j 02:24	9°♎08'19	
morning max el	-2421 Nov 19 j 05:45	15°♎10'54	23°07'39
greatest brilliancy	-2421 Nov 24 j 06:00	20°♎48'40	-0.3m
	-2421 Dec 01 j 07:08	0°♏	
desc. node	-2421 Dec 06 j 22:10	7°♏58'27	
	-2421 Dec 21 j 04:56	0°♐	
morning set	-2421 Dec 23 j 19:54	4°♐19'15	
max. Earth dist.	-2421 Dec 28 j 08:43	12°♐00'37	1.39686 AU
superior conj	-2420 Jan 05 j 01:13	25°♐44'07	-1°-56'-26
minimum elong	-2420 Jan 05 j 02:33	25°♐50'12	1°56'30
	-2420 Jan 07 j 08:18	0°♑	
evening rise	-2420 Jan 14 j 14:00	13°♑47'24	
asc. node	-2420 Jan 22 j 12:41	28°♑27'07	
	-2420 Jan 23 j 10:50	0°♒	
evening max el	-2420 Jan 30 j 19:44	9°♒53'15	18°31'40
retrograde	-2420 Feb 07 j 10:37	13°♒36'43	
evening set	-2420 Feb 09 j 21:29	13°♒14'51	
inferior conj	-2420 Feb 17 j 09:02	8°♒44'11	3°31'40
minimum elong	-2420 Feb 17 j 12:30	8°♒37'19	3°31'05
min. Earth dist.	-2420 Feb 20 j 18:48	6°♒03'59	0.58544 AU
morning rise	-2420 Feb 24 j 23:50	3°♒22'06	
direct	-2420 Mar 02 j 01:30	1°♒48'13	
desc. node	-2420 Mar 03 j 21:16	1°♒56'36	
morning max el	-2420 Mar 16 j 08:29	9°♒22'32	26°36'52
	-2420 Apr 01 j 01:24	0°♓	
morning set	-2420 Apr 14 j 18:12	25°♓33'21	
	-2420 Apr 16 j 20:35	0°♈	
asc. node	-2420 Apr 19 j 12:05	5°♈43'25	
superior conj	-2420 Apr 21 j 20:01	10°♈49'26	0°24'19
minimum elong	-2420 Apr 21 j 18:57	10°♈43'37	0°24'06
max. Earth dist.	-2420 Apr 21 j 22:46	11°♈04'33	1.32530 AU
evening rise	-2420 Apr 28 j 20:37	25°♈57'57	
	-2420 Apr 30 j 19:37	0°♉	
	-2420 May 18 j 04:36	0°♊	
evening max el	-2420 May 28 j 13:54	12°♊22'28	26°36'44
desc. node	-2420 May 30 j 20:20	14°♊24'14	
retrograde	-2420 Jun 11 j 14:38	19°♊39'50	
evening set	-2420 Jun 18 j 04:58	17°♊48'18	
min. Earth dist.	-2420 Jun 22 j 03:16	15°♊08'51	0.60089 AU
inferior conj	-2420 Jun 25 j 11:33	12°♊26'09	-4°-28'-50
minimum elong	-2420 Jun 25 j 12:27	12°♊24'20	4°28'45
morning rise	-2420 Jul 02 j 23:13	7°♊46'02	
direct	-2420 Jul 05 j 10:37	7°♊23'10	
morning max el	-2420 Jul 12 j 20:24	10°♊58'43	18°13'52
asc. node	-2420 Jul 16 j 11:24	15°♊10'34	
	-2420 Jul 25 j 10:58	0°♋	
morning set	-2420 Jul 28 j 19:11	6°♋15'12	
superior conj	-2420 Aug 07 j 09:34	24°♋07'49	1°42'35
minimum elong	-2420 Aug 07 j 12:15	24°♋19'55	1°42'29
	-2420 Aug 10 j 16:24	0°♌	
max. Earth dist.	-2420 Aug 14 j 23:01	7°♌24'13	1.40976 AU
evening rise	-2420 Aug 20 j 00:45	15°♌51'03	
desc. node	-2420 Aug 26 j 19:42	26°♌38'28	
	-2420 Aug 29 j 00:10	0°♍	
greatest brilliancy	-2420 Sep 17 j 20:07	27°♍41'43	-0.3m
	-2420 Sep 19 j 18:50	0°♎	
evening max el	-2420 Sep 23 j 00:26	3°♎30'02	22°59'28
retrograde	-2420 Oct 03 j 02:17	9°♎28'19	
evening set	-2420 Oct 07 j 20:45	7°♎31'37	
asc. node	-2420 Oct 12 j 10:31	2°♎15'55	
inferior conj	-2420 Oct 13 j 05:34	1°♎10'29	0°16'24
minimum elong	-2420 Oct 13 j 05:11	1°♎11'49	0°16'14
transit middle	-2420 Oct 13 j 05:11	1°♎11'49	0°16'14
transit begin	-2420 Oct 13 j 04:52	1°♎12'54	
transit end	-2420 Oct 13 j 05:29	1°♎10'43	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

min. Earth dist.	-2420 Oct 13 j 00:09	1°♎29'06	0.67517 AU
	-2420 Oct 14 j 02:08	30°℞♍	
morning rise	-2420 Oct 18 j 13:34	24°♍56'53	
direct	-2420 Oct 22 j 20:34	23°♍15'49	
morning max el	-2420 Oct 31 j 19:34	28°♍33'12	21°43'12
	-2420 Nov 02 j 04:29	0°♎	
greatest brilliancy	-2420 Nov 05 j 18:26	4°♎12'28	-0.4m
desc. node	-2420 Nov 22 j 19:12	28°♎10'08	
	-2420 Nov 24 j 00:17	0°♏	
morning set	-2420 Dec 02 j 15:39	13°♏24'38	
max. Earth dist.	-2420 Dec 09 j 09:04	24°♏19'33	1.41709 AU
	-2420 Dec 12 j 18:17	0°♐	
superior conj	-2420 Dec 16 j 22:53	7°♐12'50	-1°-55'-47
minimum elong	-2420 Dec 16 j 20:46	7°♐03'36	1°55'48
evening rise	-2420 Dec 27 j 18:33	26°♐42'15	
	-2420 Dec 29 j 13:39	0°♑	
asc. node	-2419 Jan 08 j 09:42	16°♑50'15	
evening max el	-2419 Jan 13 j 04:27	22°♑48'04	18°10'52
retrograde	-2419 Jan 20 j 01:22	26°♑16'59	
evening set	-2419 Jan 22 j 15:36	25°♑47'52	
inferior conj	-2419 Jan 29 j 12:35	20°♑55'04	3°56'07
minimum elong	-2419 Jan 29 j 13:29	20°♑53'01	3°56'02
min. Earth dist.	-2419 Feb 01 j 18:14	17°♑58'27	0.60582 AU
morning rise	-2419 Feb 05 j 08:33	15°♑13'27	
direct	-2419 Feb 12 j 03:28	13°♑02'34	
desc. node	-2419 Feb 18 j 18:21	14°♑54'58	
morning max el	-2419 Feb 26 j 07:42	20°♑45'47	27°28'45
	-2419 Mar 06 j 07:58	0°♒	
	-2419 Mar 24 j 21:29	0°♓	
morning set	-2419 Mar 30 j 02:03	10°♓19'53	
max. Earth dist.	-2419 Apr 05 j 11:48	24°♓00'11	1.32523 AU
superior conj	-2419 Apr 06 j 07:30	25°♓47'48	0°00'-42
minimum elong	-2419 Apr 06 j 07:32	25°♓47'58	0°00'43
behind sun begin	-2419 Apr 06 j 02:30	25°♓20'29	
behind sun end	-2419 Apr 06 j 12:33	26°♓15'28	
asc. node	-2419 Apr 06 j 09:06	25°♓56'35	
	-2419 Apr 08 j 05:36	0°♈	
evening rise	-2419 Apr 13 j 07:03	10°♈54'24	
	-2419 Apr 23 j 03:11	0°♉	
evening max el	-2419 May 10 j 09:53	23°♉41'00	25°27'02
desc. node	-2419 May 17 j 17:21	29°♉06'41	
	-2419 May 19 j 18:09	0°♊	
retrograde	-2419 May 24 j 11:11	0°♊52'06	
	-2419 May 29 j 03:52	30°℞♉	
evening set	-2419 May 30 j 01:06	29°♉39'00	
min. Earth dist.	-2419 Jun 03 j 21:57	26°♉53'33	0.58075 AU
inferior conj	-2419 Jun 07 j 03:04	24°♉38'25	-4°-19'-31
minimum elong	-2419 Jun 07 j 00:06	24°♉43'40	4°19'12
morning rise	-2419 Jun 15 j 03:02	20°♉20'31	
direct	-2419 Jun 17 j 15:05	20°♉01'05	
morning max el	-2419 Jun 26 j 01:22	23°♉58'38	18°51'25
	-2419 Jul 01 j 02:35	0°♊	
asc. node	-2419 Jul 03 j 08:28	3°♊24'33	
morning set	-2419 Jul 12 j 13:29	20°♊14'51	
	-2419 Jul 17 j 12:53	0°♋	
superior conj	-2419 Jul 21 j 04:50	7°♋03'55	1°48'30
minimum elong	-2419 Jul 21 j 05:07	7°♋05'15	1°48'34
max. Earth dist.	-2419 Jul 28 j 01:54	19°♋45'26	1.39009 AU
evening rise	-2419 Aug 01 j 01:55	26°♋45'25	
	-2419 Aug 02 j 23:44	0°♌	
desc. node	-2419 Aug 13 j 16:41	17°♌06'21	
	-2419 Aug 22 j 14:09	0°♍	
evening max el	-2419 Sep 05 j 12:30	16°♍59'43	24°19'42
retrograde	-2419 Sep 16 j 16:44	23°♍33'03	
evening set	-2419 Sep 22 j 01:58	21°♍17'14	
inferior conj	-2419 Sep 27 j 11:38	14°♍55'29	0°-37'-43
minimum elong	-2419 Sep 27 j 12:32	14°♍52'26	0°37'19
min. Earth dist.	-2419 Sep 26 j 19:49	15°♍48'41	0.67331 AU
asc. node	-2419 Sep 29 j 07:36	12°♍31'04	
morning rise	-2419 Oct 02 j 23:24	8°♍47'29	
direct	-2419 Oct 06 j 17:24	7°♍27'01	
morning max el	-2419 Oct 14 j 16:23	12°♍04'41	20°27'40
greatest brilliancy	-2419 Oct 21 j 02:48	19°♍48'02	-0.5m
	-2419 Oct 28 j 08:14	0°♎	
desc. node	-2419 Nov 09 j 16:12	18°♎36'22	
morning set	-2419 Nov 11 j 15:11	21°♎37'56	
	-2419 Nov 16 j 23:35	0°♏	
max. Earth dist.	-2419 Nov 21 j 16:59	7°♏31'52	1.43382 AU
superior conj	-2419 Nov 27 j 18:51	17°♏27'26	-1°-39'-58
minimum elong	-2419 Nov 27 j 12:39	17°♏01'43	1°39'32
	-2419 Dec 05 j 05:00	0°♐	
evening rise	-2419 Dec 10 j 07:13	8°♐50'50	
	-2419 Dec 22 j 21:59	0°♑	
asc. node	-2419 Dec 26 j 06:46	4°♑27'23	
evening max el	-2419 Dec 27 j 16:24	5°♑58'52	18°09'38
retrograde	-2418 Jan 03 j 05:38	9°♑26'44	
evening set	-2418 Jan 05 j 23:15	8°♑49'29	
inferior conj	-2418 Jan 12 j 08:46	3°♑35'27	3°55'03
minimum elong	-2418 Jan 12 j 07:27	3°♑38'52	3°54'54
min. Earth dist.	-2418 Jan 15 j 02:22	0°♑45'22	0.62545 AU
	-2418 Jan 15 j 20:51	30°℞♐	
morning rise	-2418 Jan 18 j 13:40	27°♐40'25	
direct	-2418 Jan 25 j 14:30	25°♐02'24	
	-2418 Feb 05 j 10:19	0°♑	
desc. node	-2418 Feb 05 j 15:26	0°♑10'42	
morning max el	-2418 Feb 08 j 12:57	2°♑49'59	27°44'34
	-2418 Feb 28 j 16:50	0°♒	
morning set	-2418 Mar 14 j 04:42	24°♒47'26	
	-2418 Mar 16 j 17:34	0°♓	
max. Earth dist.	-2418 Mar 19 j 21:06	6°♓39'24	1.32879 AU
superior conj	-2418 Mar 21 j 17:10	10°♓36'41	0°-26'-26
minimum elong	-2418 Mar 21 j 18:23	10°♓43'16	0°26'13
asc. node	-2418 Mar 24 j 06:08	16°♓07'18	
evening rise	-2418 Mar 28 j 18:44	25°♓50'23	
	-2418 Mar 30 j 18:42	0°♈	
	-2418 Apr 17 j 22:21	0°♉	
evening max el	-2418 Apr 22 j 01:22	4°♉27'10	23°57'54
desc. node	-2418 May 04 j 14:25	11°♉18'39	
retrograde	-2418 May 05 j 20:14	11°♉22'11	
evening set	-2418 May 10 j 01:10	10°♉42'54	
min. Earth dist.	-2418 May 16 j 12:39	7°♉36'36	0.56363 AU
inferior conj	-2418 May 18 j 22:22	6°♉07'48	-3°-32'-27
minimum elong	-2418 May 18 j 16:12	6°♉17'21	3°31'05
morning rise	-2418 May 27 j 11:06	2°♉07'10	
direct	-2418 May 30 j 00:14	1°♉50'20	
morning max el	-2418 Jun 08 j 21:25	6°♉24'52	19°49'41
asc. node	-2418 Jun 20 j 05:32	22°♉17'08	
	-2418 Jun 24 j 07:27	0°♊	
morning set	-2418 Jun 26 j 15:38	4°♊39'47	
superior conj	-2418 Jul 04 j 14:57	20°♊46'12	1°45'14
minimum elong	-2418 Jul 04 j 13:31	20°♊39'01	1°45'14
	-2418 Jul 09 j 08:43	0°♋	
max. Earth dist.	-2418 Jul 10 j 05:07	1°♋36'37	1.37097 AU
evening rise	-2418 Jul 14 j 03:23	8°♋51'21	
	-2418 Jul 26 j 17:42	0°♌	
desc. node	-2418 Jul 31 j 13:41	7°♌18'58	
	-2418 Aug 18 j 10:19	0°♍	
evening max el	-2418 Aug 18 j 23:23	0°♍32'27	25°34'11

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

retrograde	-2418 Aug 31 j 03:00	7°♍32'30	
evening set	-2418 Sep 06 j 03:09	4°♍59'59	
min. Earth dist.	-2418 Sep 10 j 12:24	0°♍07'50	0.66822 AU
	-2418 Sep 10 j 14:51	30°℞♌	
inferior conj	-2418 Sep 11 j 15:16	28°♌41'17	-1°-31'-52
minimum elong	-2418 Sep 11 j 17:29	28°♌34'09	1°30'58
asc. node	-2418 Sep 16 j 04:42	23°♌33'17	
morning rise	-2418 Sep 17 j 08:27	22°♌41'54	
direct	-2418 Sep 20 j 15:38	21°♌38'55	
morning max el	-2418 Sep 27 j 20:36	25°♌45'28	19°25'10
	-2418 Oct 01 j 12:30	0°♍	
greatest brilliancy	-2418 Oct 07 j 07:55	8°♍03'31	-0.7m
morning set	-2418 Oct 21 j 16:57	0°♎05'21	
	-2418 Oct 21 j 15:35	0°♎	
desc. node	-2418 Oct 27 j 13:12	9°♎12'39	
max. Earth dist.	-2418 Nov 04 j 07:01	21°♎23'00	1.44488 AU
superior conj	-2418 Nov 07 j 12:02	26°♎28'51	-1°-6'-40
minimum elong	-2418 Nov 07 j 04:45	25°♎59'48	1°05'53
	-2418 Nov 09 j 16:51	0°♏	
evening rise	-2418 Nov 21 j 23:26	20°♏04'28	
	-2418 Nov 27 j 22:31	0°♐	
evening max el	-2418 Dec 11 j 04:54	19°♐19'44	18°27'12
asc. node	-2418 Dec 13 j 03:51	21°♐05'31	
retrograde	-2418 Dec 17 j 18:56	22°♐57'22	
evening set	-2418 Dec 20 j 16:57	22°♐10'41	
inferior conj	-2418 Dec 26 j 17:39	16°♐37'37	3°36'01
minimum elong	-2418 Dec 26 j 15:04	16°♐45'06	3°35'30
min. Earth dist.	-2418 Dec 28 j 20:28	14°♐11'10	0.64244 AU
morning rise	-2417 Jan 01 j 11:48	10°♐33'21	
direct	-2417 Jan 08 j 09:18	7°♐42'58	
morning max el	-2417 Jan 21 j 21:47	15°♐28'13	27°24'36
desc. node	-2417 Jan 23 j 12:31	17°♐07'51	
	-2417 Feb 02 j 21:26	0°♑	
	-2417 Feb 21 j 08:54	0°♒	
morning set	-2417 Feb 25 j 23:26	8°♒47'03	
max. Earth dist.	-2417 Mar 02 j 22:37	18°♒49'20	1.33641 AU
superior conj	-2417 Mar 05 j 23:12	25°♒10'16	0°-51'-54
minimum elong	-2417 Mar 06 j 01:32	25°♒22'40	0°51'31
	-2417 Mar 08 j 05:35	0°♓	
asc. node	-2417 Mar 11 j 03:11	6°♓11'38	
evening rise	-2417 Mar 13 j 05:57	10°♓39'52	
	-2417 Mar 23 j 08:33	0°♈	
evening max el	-2417 Apr 03 j 18:30	15°♈07'55	22°23'24
retrograde	-2417 Apr 16 j 16:57	21°♈27'42	
evening set	-2417 Apr 19 j 16:09	21°♈08'20	
desc. node	-2417 Apr 21 j 11:31	20°♈38'46	
min. Earth dist.	-2417 Apr 28 j 02:28	17°♈29'11	0.55305 AU
inferior conj	-2417 Apr 29 j 00:22	16°♈58'05	-2°-3'-23
minimum elong	-2417 Apr 28 j 19:02	17°♈05'40	2°01'41
morning rise	-2417 May 07 j 23:54	13°♈02'07	
direct	-2417 May 10 j 17:06	12°♈45'15	
morning max el	-2417 May 22 j 06:39	18°♈09'57	21°07'35
	-2417 May 31 j 13:51	0°♉	
asc. node	-2417 Jun 07 j 02:34	11°♉38'43	
morning set	-2417 Jun 10 j 23:04	19°♉22'55	
	-2417 Jun 16 j 01:27	0°♊	
superior conj	-2417 Jun 18 j 11:33	5°♊01'33	1°35'01
minimum elong	-2417 Jun 18 j 09:11	4°♊49'19	1°34'52
max. Earth dist.	-2417 Jun 22 j 14:59	13°♊25'38	1.35448 AU
evening rise	-2417 Jun 27 j 00:17	21°♊56'13	
	-2417 Jul 01 j 09:37	0°♋	
desc. node	-2417 Jul 18 j 10:42	27°♋09'05	
	-2417 Jul 20 j 12:20	0°♌	
evening max el	-2417 Aug 01 j 10:45	14°♌04'41	26°34'52
retrograde	-2417 Aug 14 j 08:18	21°♌20'10	
evening set	-2417 Aug 20 j 22:07	18°♌36'33	
min. Earth dist.	-2417 Aug 24 j 23:29	14°♌22'29	0.65972 AU
inferior conj	-2417 Aug 26 j 14:30	12°♌24'38	-2°-24'-15
minimum elong	-2417 Aug 26 j 17:52	12°♌14'29	2°23'02
morning rise	-2417 Sep 01 j 14:40	6°♌36'57	
asc. node	-2417 Sep 03 j 01:48	6°♌00'20	
direct	-2417 Sep 04 j 13:24	5°♌47'53	
morning max el	-2417 Sep 11 j 06:49	9°♌32'01	18°38'03
	-2417 Sep 25 j 16:07	0°♍	
morning set	-2417 Oct 01 j 17:03	9°♍41'13	
desc. node	-2417 Oct 14 j 10:11	29°♍54'47	
	-2417 Oct 14 j 11:30	0°♎	
superior conj	-2417 Oct 17 j 12:39	4°♎48'09	0°-19'-50
minimum elong	-2417 Oct 17 j 10:01	4°♎37'48	0°19'31
max. Earth dist.	-2417 Oct 18 j 00:31	5°♎34'52	1.44908 AU
	-2417 Nov 02 j 11:31	0°♏	
evening rise	-2417 Nov 02 j 15:30	0°♏15'50	
	-2417 Nov 22 j 05:30	0°♐	
evening max el	-2417 Nov 24 j 15:21	2°♐44'55	19°02'27
asc. node	-2417 Nov 30 j 00:56	6°♐28'42	
retrograde	-2417 Dec 01 j 13:30	6°♐41'40	
evening set	-2417 Dec 04 j 17:34	5°♐43'37	
inferior conj	-2417 Dec 10 j 11:42	29°♏54'06	3°04'28
minimum elong	-2417 Dec 10 j 08:41	0°♐03'33	3°03'37
	-2417 Dec 10 j 09:49	30°℞♏	
min. Earth dist.	-2417 Dec 11 j 23:49	28°♏01'12	0.65589 AU
morning rise	-2417 Dec 15 j 22:51	23°♏43'30	
direct	-2417 Dec 22 j 10:23	20°♏55'16	
morning max el	-2416 Jan 04 j 07:18	28°♏27'17	26°34'21
	-2416 Jan 05 j 19:13	0°♐	
desc. node	-2416 Jan 10 j 09:34	5°♐16'16	
	-2416 Jan 27 j 15:53	0°♑	
morning set	-2416 Feb 09 j 06:37	22°♑06'51	
	-2416 Feb 13 j 08:23	0°♒	
max. Earth dist.	-2416 Feb 13 j 13:05	0°♒23'13	1.34845 AU
superior conj	-2416 Feb 17 j 23:21	9°♒21'12	-1°-15'-50
minimum elong	-2416 Feb 18 j 02:32	9°♒37'34	1°15'24
evening rise	-2416 Feb 25 j 14:49	25°♒16'25	
asc. node	-2416 Feb 26 j 00:14	26°♒04'56	
	-2416 Feb 27 j 22:26	0°♓	
evening max el	-2416 Mar 15 j 19:24	26°♓09'54	20°56'26
	-2416 Mar 20 j 23:04	0°♈	
retrograde	-2416 Mar 27 j 06:08	1°♈39'08	
evening set	-2416 Mar 29 j 14:11	1°♈26'19	
	-2416 Apr 03 j 00:26	30°℞♓	
desc. node	-2416 Apr 07 j 08:35	27°♓43'47	
inferior conj	-2416 Apr 07 j 19:12	27°♓28'42	0°-7'-27
minimum elong	-2416 Apr 07 j 18:51	27°♓29'12	0°07'21
transit middle	-2416 Apr 07 j 18:51	27°♓29'12	0°07'21
transit begin	-2416 Apr 07 j 15:13	27°♓34'21	
transit end	-2416 Apr 07 j 22:28	27°♓24'02	
min. Earth dist.	-2416 Apr 08 j 16:20	26°♓58'37	0.55145 AU
morning rise	-2416 Apr 16 j 22:28	23°♓19'55	
direct	-2416 Apr 20 j 04:45	22°♓56'48	
morning max el	-2416 May 03 j 05:24	29°♓14'05	22°41'01
	-2416 May 04 j 00:24	0°♈	
	-2416 May 23 j 07:34	0°♉	
asc. node	-2416 May 23 j 23:37	1°♉21'51	
morning set	-2416 May 25 j 09:44	4°♉18'19	
superior conj	-2416 Jun 01 j 15:19	19°♉39'59	1°19'37
minimum elong	-2416 Jun 01 j 12:43	19°♉26'08	1°19'18
max. Earth dist.	-2416 Jun 04 j 10:52	25°♉34'52	1.34157 AU
	-2416 Jun 06 j 14:25	0°♊	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening rise	-2416 Jun 09 j 11:34	5°♊45'36	
	-2416 Jun 23 j 01:26	0°♋	
desc. node	-2416 Jul 04 j 07:44	16°♋27'08	
evening max el	-2416 Jul 13 j 22:27	27°♋28'09	27°13'59
	-2416 Jul 16 j 18:31	0°♌	
retrograde	-2416 Jul 27 j 08:07	4°♌49'13	
evening set	-2416 Aug 03 j 08:15	2°♌03'31	
	-2416 Aug 05 j 15:08	30°℞♋	
min. Earth dist.	-2416 Aug 07 j 02:46	28°♋26'56	0.64756 AU
inferior conj	-2416 Aug 09 j 07:07	26°♋01'52	-3°-12'-29
minimum elong	-2416 Aug 09 j 11:12	25°♋50'32	3°11'16
morning rise	-2416 Aug 15 j 15:40	20°♋29'19	
direct	-2416 Aug 18 j 08:28	19°♋50'44	
asc. node	-2416 Aug 19 j 22:51	20°♋04'17	
morning max el	-2416 Aug 24 j 20:52	23°♋20'48	18°07'48
	-2416 Aug 30 j 03:51	0°♌	
morning set	-2416 Sep 11 j 21:17	20°♌39'39	
	-2416 Sep 17 j 11:54	0°♍	
superior conj	-2416 Sep 25 j 18:32	13°♍27'49	0°28'57
minimum elong	-2416 Sep 25 j 21:56	13°♍41'26	0°28'32
max. Earth dist.	-2416 Sep 29 j 18:53	19°♍51'31	1.44598 AU
desc. node	-2416 Sep 30 j 07:11	20°♍40'13	
	-2416 Oct 06 j 05:44	0°♎	
evening rise	-2416 Oct 12 j 08:47	9°♎31'30	
	-2416 Oct 25 j 18:07	0°♏	
greatest brilliancy	-2416 Oct 30 j 10:22	6°♏48'29	-0.6m
evening max el	-2416 Nov 06 j 21:40	16°♏11'53	19°53'38
retrograde	-2416 Nov 14 j 10:31	20°♏35'57	
asc. node	-2416 Nov 15 j 22:00	20°♏23'21	
evening set	-2416 Nov 17 j 22:39	19°♏24'12	
inferior conj	-2416 Nov 23 j 12:05	13°♏21'14	2°24'07
minimum elong	-2416 Nov 23 j 09:18	13°♏30'27	2°23'10
min. Earth dist.	-2416 Nov 24 j 10:55	12°♏05'44	0.66564 AU
morning rise	-2416 Nov 28 j 19:19	7°♏06'34	
direct	-2416 Dec 04 j 17:01	4°♏31'31	
morning max el	-2416 Dec 16 j 16:08	11°♏37'14	25°22'12
desc. node	-2416 Dec 27 j 06:36	24°♏15'16	
	-2416 Dec 31 j 10:34	0°♐	
	-2415 Jan 19 j 08:11	0°♑	
morning set	-2415 Jan 21 j 21:22	4°♑32'32	
max. Earth dist.	-2415 Jan 25 j 16:14	11°♑31'10	1.36492 AU
superior conj	-2415 Jan 31 j 14:50	23°♑01'04	-1°-36'-30
minimum elong	-2415 Jan 31 j 18:13	23°♑17'56	1°36'12
	-2415 Feb 04 j 02:16	0°♒	
evening rise	-2415 Feb 08 j 19:16	9°♒33'36	
asc. node	-2415 Feb 11 j 21:16	15°♒41'55	
	-2415 Feb 20 j 00:13	0°♓	
evening max el	-2415 Feb 26 j 06:51	7°♓46'25	19°44'58
retrograde	-2415 Mar 08 j 00:36	12°♓24'58	
evening set	-2415 Mar 10 j 06:23	12°♓11'20	
inferior conj	-2415 Mar 18 j 21:08	8°♓08'35	1°43'07
minimum elong	-2415 Mar 19 j 01:08	8°♓02'19	1°41'49
min. Earth dist.	-2415 Mar 21 j 06:32	6°♓39'09	0.55919 AU
desc. node	-2415 Mar 25 j 05:40	4°♓29'19	
morning rise	-2415 Mar 27 j 16:38	3°♓32'14	
direct	-2415 Mar 31 j 22:54	2°♓51'50	
morning max el	-2415 Apr 14 j 21:23	9°♓50'58	24°20'56
	-2415 Apr 29 j 20:44	0°♈	
morning set	-2415 May 09 j 21:48	19°♈19'07	
asc. node	-2415 May 10 j 20:38	21°♈19'39	
	-2415 May 14 j 21:23	0°♉	
superior conj	-2415 May 16 j 23:40	4°♉32'24	1°00'18
minimum elong	-2415 May 16 j 21:22	4°♉19'56	0°59'55
max. Earth dist.	-2415 May 18 j 15:45	8°♉08'22	1.33242 AU
evening rise	-2415 May 24 j 08:58	20°♉05'41	
	-2415 May 29 j 10:39	0°♊	
	-2415 Jun 17 j 04:45	0°♋	
desc. node	-2415 Jun 21 j 04:46	4°♋58'29	
evening max el	-2415 Jun 26 j 08:25	10°♋28'31	27°24'57
retrograde	-2415 Jul 10 j 01:47	17°♋49'55	
evening set	-2415 Jul 17 j 06:09	15°♋14'12	
min. Earth dist.	-2415 Jul 20 j 20:21	12°♋10'00	0.63168 AU
inferior conj	-2415 Jul 23 j 14:19	9°♋25'50	-3°-53'-15
minimum elong	-2415 Jul 23 j 18:18	9°♋15'55	3°52'25
morning rise	-2415 Jul 30 j 08:35	4°♋11'50	
direct	-2415 Aug 01 j 21:44	3°♋40'58	
asc. node	-2415 Aug 06 j 19:53	5°♋36'55	
morning max el	-2415 Aug 08 j 12:05	7°♋05'24	17°55'19
	-2415 Aug 23 j 11:42	0°♌	
morning set	-2415 Aug 25 j 01:41	2°♌47'05	
superior conj	-2415 Sep 05 j 23:36	23°♌17'23	1°08'25
minimum elong	-2415 Sep 06 j 05:07	23°♌40'20	1°07'49
	-2415 Sep 10 j 01:11	0°♍	
max. Earth dist.	-2415 Sep 12 j 10:37	3°♍52'51	1.43594 AU
desc. node	-2415 Sep 17 j 04:11	11°♍25'25	
evening rise	-2415 Sep 21 j 14:10	18°♍19'21	
	-2415 Sep 29 j 05:40	0°♎	
greatest brilliancy	-2415 Oct 15 j 09:03	23°♎06'30	-0.5m
evening max el	-2415 Oct 20 j 22:16	29°♎38'38	20°58'29
	-2415 Oct 21 j 06:42	0°♏	
retrograde	-2415 Oct 29 j 07:45	4°♏37'07	
evening set	-2415 Nov 02 j 06:04	3°♏09'19	
asc. node	-2415 Nov 02 j 19:01	2°♏43'24	
	-2415 Nov 05 j 08:51	30°℞♎	
inferior conj	-2415 Nov 07 j 16:30	26°♎56'15	1°37'38
minimum elong	-2415 Nov 07 j 14:24	27°♎03'25	1°36'48
min. Earth dist.	-2415 Nov 08 j 03:34	26°♎18'24	0.67183 AU
morning rise	-2415 Nov 12 j 22:21	20°♎39'51	
direct	-2415 Nov 18 j 04:39	18°♎24'22	
morning max el	-2415 Nov 29 j 00:52	24°♎52'16	23°57'54
	-2415 Dec 03 j 15:57	0°♏	
desc. node	-2415 Dec 14 j 03:39	13°♏50'18	
	-2415 Dec 24 j 22:41	0°♐	
morning set	-2414 Jan 03 j 13:42	15°♐48'09	
max. Earth dist.	-2414 Jan 07 j 12:29	22°♐42'04	1.38474 AU
	-2414 Jan 11 j 13:05	0°♑	
superior conj	-2414 Jan 14 j 17:57	5°♑59'50	-1°-51'-33
minimum elong	-2414 Jan 14 j 20:28	6°♑11'49	1°51'29
evening rise	-2414 Jan 23 j 16:55	23°♑24'46	
	-2414 Jan 27 j 02:32	0°♒	
asc. node	-2414 Jan 29 j 18:17	4°♒56'33	
evening max el	-2414 Feb 09 j 04:27	19°♒58'34	18°52'40
retrograde	-2414 Feb 17 j 11:06	23°♒58'03	
evening set	-2414 Feb 19 j 19:41	23°♒39'55	
inferior conj	-2414 Feb 27 j 16:49	19°♒20'53	3°02'42
minimum elong	-2414 Feb 27 j 21:21	19°♒12'40	3°01'40
min. Earth dist.	-2414 Mar 02 j 22:32	17°♒01'12	0.57440 AU
morning rise	-2414 Mar 07 j 19:05	14°♒13'25	
desc. node	-2414 Mar 12 j 02:44	13°♒04'59	
direct	-2414 Mar 13 j 05:51	13°♒01'52	
morning max el	-2414 Mar 27 j 12:46	20°♒27'32	25°53'16
	-2414 Apr 04 j 17:23	0°♓	
	-2414 Apr 22 j 07:25	0°♈	
morning set	-2414 Apr 24 j 09:35	4°♈19'28	
asc. node	-2414 Apr 27 j 17:40	11°♈27'06	
superior conj	-2414 May 01 j 10:36	19°♈32'04	0°38'06
minimum elong	-2414 May 01 j 09:00	19°♈23'19	0°37'47
max. Earth dist.	-2414 May 02 j 02:34	20°♈59'18	1.32687 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2414 May 06 j 06:43	0°♉	
evening rise	-2414 May 08 j 13:19	4°♉46'20	
	-2414 May 22 j 03:36	0°♊	
desc. node	-2414 Jun 08 j 01:48	22°♊23'33	
evening max el	-2414 Jun 08 j 14:06	22°♊53'16	27°03'38
	-2414 Jun 20 j 06:54	0°♋	
retrograde	-2414 Jun 22 j 12:44	0°♋13'11	
	-2414 Jun 24 j 17:39	30°℞♊	
evening set	-2414 Jun 29 j 11:44	28°♊01'35	
min. Earth dist.	-2414 Jul 03 j 03:47	25°♊18'01	0.61267 AU
inferior conj	-2414 Jul 06 j 08:54	22°♊28'52	-4°-21'-22
minimum elong	-2414 Jul 06 j 11:24	22°♊23'20	4°21'05
morning rise	-2414 Jul 13 j 13:59	17°♊36'15	
direct	-2414 Jul 16 j 01:30	17°♊10'58	
morning max el	-2414 Jul 23 j 01:39	20°♊39'14	18°01'29
asc. node	-2414 Jul 24 j 16:56	22°♊23'50	
	-2414 Jul 30 j 02:26	0°♋	
morning set	-2414 Aug 08 j 00:31	15°♋47'25	
	-2414 Aug 15 j 19:34	0°♌	
superior conj	-2414 Aug 18 j 08:14	4°♌28'50	1°33'59
minimum elong	-2414 Aug 18 j 12:20	4°♌46'50	1°33'42
max. Earth dist.	-2414 Aug 25 j 20:44	17°♌19'43	1.42036 AU
evening rise	-2414 Sep 01 j 02:26	27°♌28'04	
	-2414 Sep 02 j 16:49	0°♍	
desc. node	-2414 Sep 04 j 01:10	2°♍06'53	
	-2414 Sep 23 j 00:08	0°♎	
greatest brilliancy	-2414 Sep 28 j 23:01	7°♎44'01	-0.3m
evening max el	-2414 Oct 03 j 16:47	13°♎04'56	22°13'35
retrograde	-2414 Oct 13 j 03:27	18°♎41'57	
evening set	-2414 Oct 17 j 13:59	16°♎56'11	
asc. node	-2414 Oct 20 j 16:04	13°♎40'56	
inferior conj	-2414 Oct 22 j 22:56	10°♎36'43	0°46'53
minimum elong	-2414 Oct 22 j 21:52	10°♎40'25	0°46'25
min. Earth dist.	-2414 Oct 22 j 23:23	10°♎35'10	0.67479 AU
morning rise	-2414 Oct 28 j 05:36	4°♎21'06	
direct	-2414 Nov 01 j 20:40	2°♎27'36	
morning max el	-2414 Nov 11 j 11:54	8°♎11'11	22°30'59
greatest brilliancy	-2414 Nov 16 j 04:07	13°♎26'34	-0.3m
	-2414 Nov 28 j 09:42	0°♏	
desc. node	-2414 Dec 01 j 00:39	3°♏50'36	
morning set	-2414 Dec 15 j 01:58	25°♏40'19	
	-2414 Dec 17 j 17:06	0°♐	
max. Earth dist.	-2414 Dec 20 j 09:06	4°♐28'29	1.40566 AU
superior conj	-2414 Dec 28 j 03:54	18°♐04'44	-1°-57'-46
minimum elong	-2414 Dec 28 j 03:57	18°♐05'00	1°57'51
	-2413 Jan 03 j 15:19	0°♑	
evening rise	-2413 Jan 07 j 04:44	6°♑41'59	
asc. node	-2413 Jan 16 j 15:20	23°♑40'50	
	-2413 Jan 21 j 00:27	0°♒	
evening max el	-2413 Jan 23 j 09:54	2°♒39'44	18°20'25
retrograde	-2413 Jan 30 j 16:01	6°♒15'30	
evening set	-2413 Feb 02 j 04:12	5°♒50'49	
inferior conj	-2413 Feb 09 j 09:12	1°♒10'58	3°45'41
minimum elong	-2413 Feb 09 j 11:36	1°♒05'53	3°45'24
	-2413 Feb 10 j 18:38	30°℞♑	
min. Earth dist.	-2413 Feb 12 j 18:40	28°♑20'27	0.59396 AU
morning rise	-2413 Feb 16 j 15:35	25°♑39'18	
direct	-2413 Feb 23 j 01:49	23°♑48'52	
desc. node	-2413 Feb 26 j 23:48	24°♑28'07	
	-2413 Mar 07 j 18:33	0°♒	
morning max el	-2413 Mar 09 j 08:27	1°♒28'40	27°03'07
	-2413 Mar 29 j 20:14	0°♓	
morning set	-2413 Apr 08 j 19:23	19°♓12'26	
	-2413 Apr 13 j 20:34	0°♈	
asc. node	-2413 Apr 14 j 14:43	1°♈39'05	
superior conj	-2413 Apr 15 j 22:21	4°♈32'13	0°13'51
minimum elong	-2413 Apr 15 j 21:44	4°♈28'51	0°13'44
behind sun begin	-2413 Apr 15 j 19:15	4°♈15'15	
behind sun end	-2413 Apr 16 j 00:13	4°♈42'26	
max. Earth dist.	-2413 Apr 15 j 15:40	3°♈55'35	1.32476 AU
evening rise	-2413 Apr 22 j 22:06	19°♈38'34	
	-2413 Apr 28 j 01:10	0°♉	
	-2413 May 17 j 06:01	0°♊	
evening max el	-2413 May 21 j 13:42	4°♊35'33	26°10'16
desc. node	-2413 May 25 j 22:50	8°♊15'04	
retrograde	-2413 Jun 04 j 15:36	11°♊51'48	
evening set	-2413 Jun 10 j 20:51	10°♊16'15	
min. Earth dist.	-2413 Jun 15 j 02:34	7°♊36'15	0.59212 AU
inferior conj	-2413 Jun 18 j 11:15	5°♊02'22	-4°-28'-50
minimum elong	-2413 Jun 18 j 10:37	5°♊03'35	4°28'47
morning rise	-2413 Jun 26 j 04:05	0°♊32'06	
direct	-2413 Jun 28 j 15:29	0°♊10'57	
morning max el	-2413 Jul 06 j 10:39	3°♊54'24	18°27'19
asc. node	-2413 Jul 11 j 14:01	10°♊10'06	
morning set	-2413 Jul 22 j 12:55	29°♊28'31	
	-2413 Jul 22 j 19:29	0°♋	
superior conj	-2413 Jul 31 j 16:33	16°♋51'32	1°46'22
minimum elong	-2413 Jul 31 j 18:10	16°♋58'58	1°46'22
max. Earth dist.	-2413 Aug 08 j 01:13	0°♌03'19	1.40145 AU
	-2413 Aug 08 j 00:27	0°♌	
evening rise	-2413 Aug 12 j 12:45	7°♌40'00	
desc. node	-2413 Aug 21 j 22:09	22°♌41'12	
	-2413 Aug 26 j 18:40	0°♍	
evening max el	-2413 Sep 16 j 06:38	26°♍33'24	23°33'50
	-2413 Sep 20 j 03:52	0°♎	
retrograde	-2413 Sep 26 j 20:11	2°♎47'54	
evening set	-2413 Oct 01 j 20:41	0°♎43'09	
	-2413 Oct 02 j 15:42	30°℞♍	
inferior conj	-2413 Oct 07 j 05:40	24°♍21'08	0°-6'-24
minimum elong	-2413 Oct 07 j 05:49	24°♍20'37	0°06'21
transit middle	-2413 Oct 07 j 05:49	24°♍20'37	0°06'21
transit begin	-2413 Oct 07 j 03:20	24°♍29'10	
transit end	-2413 Oct 07 j 08:19	24°♍12'05	
min. Earth dist.	-2413 Oct 06 j 19:55	24°♍54'30	0.67472 AU
asc. node	-2413 Oct 07 j 13:08	23°♍55'40	
morning rise	-2413 Oct 12 j 15:03	18°♍09'17	
direct	-2413 Oct 16 j 16:15	16°♍37'14	
morning max el	-2413 Oct 25 j 04:28	21°♍37'17	21°09'35
greatest brilliancy	-2413 Oct 30 j 15:47	27°♍59'08	-0.5m
	-2413 Nov 01 j 04:57	0°♎	
desc. node	-2413 Nov 17 j 21:41	24°♎09'09	
	-2413 Nov 21 j 17:04	0°♏	
morning set	-2413 Nov 24 j 11:04	4°♏17'06	
max. Earth dist.	-2413 Dec 02 j 12:05	17°♏09'04	1.42479 AU
superior conj	-2413 Dec 09 j 15:12	29°♏03'12	-1°-51'-9
minimum elong	-2413 Dec 09 j 11:17	28°♏46'28	1°51'01
	-2413 Dec 10 j 04:30	0°♐	
evening rise	-2413 Dec 21 j 03:04	19°♐17'54	
	-2413 Dec 27 j 02:54	0°♑	
asc. node	-2412 Jan 03 j 12:22	11°♑45'43	
evening max el	-2412 Jan 06 j 20:25	15°♑42'20	18°08'01
retrograde	-2412 Jan 13 j 12:51	19°♑09'01	
evening set	-2412 Jan 16 j 04:29	18°♑36'35	
inferior conj	-2412 Jan 22 j 20:16	13°♑34'53	3°58'15
minimum elong	-2412 Jan 22 j 20:08	13°♑35'13	3°58'11
min. Earth dist.	-2412 Jan 25 j 21:36	10°♑38'13	0.61446 AU
morning rise	-2412 Jan 29 j 09:19	7°♑47'00	
direct	-2412 Feb 05 j 08:15	5°♑22'32	
desc. node	-2412 Feb 13 j 20:54	8°♑28'47	
morning max el	-2412 Feb 19 j 10:13	13°♑08'30	27°39'54

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2412 Mar 03 j 21:57	0°♒	
	-2412 Mar 21 j 03:35	0°♓	
morning set	-2412 Mar 23 j 01:17	3°♓51'08	
max. Earth dist.	-2412 Mar 29 j 03:21	16°♓44'12	1.32624 AU
superior conj	-2412 Mar 30 j 09:16	19°♓26'54	0°-11'-36
minimum elong	-2412 Mar 30 j 09:48	19°♓29'48	0°11'30
behind sun begin	-2412 Mar 30 j 06:17	19°♓10'38	
behind sun end	-2412 Mar 30 j 13:19	19°♓48'58	
asc. node	-2412 Mar 31 j 11:46	21°♓51'22	
	-2412 Apr 04 j 05:41	0°♈	
evening rise	-2412 Apr 06 j 09:16	4°♈35'04	
	-2412 Apr 20 j 01:02	0°♉	
evening max el	-2412 May 02 j 07:25	15°♉38'04	24°50'51
desc. node	-2412 May 11 j 19:54	21°♉57'28	
retrograde	-2412 May 16 j 07:33	22°♉43'56	
evening set	-2412 May 21 j 07:39	21°♉46'50	
min. Earth dist.	-2412 May 26 j 19:25	18°♉53'50	0.57281 AU
inferior conj	-2412 May 29 j 18:13	16°♉56'44	-4°-4'-47
minimum elong	-2412 May 29 j 13:37	17°♉04'25	4°04'04
morning rise	-2412 Jun 06 j 23:34	12°♉46'49	
direct	-2412 Jun 09 j 11:52	12°♉28'40	
morning max el	-2412 Jun 18 j 12:05	16°♉40'39	19°13'42
asc. node	-2412 Jun 27 j 11:06	28°♉41'44	
	-2412 Jun 28 j 05:20	0°♊	
morning set	-2412 Jul 05 j 10:57	13°♊39'53	
superior conj	-2412 Jul 13 j 18:44	0°♋08'45	1°48'05
minimum elong	-2412 Jul 13 j 18:12	0°♋06'05	1°48'09
	-2412 Jul 13 j 16:56	0°♋	
max. Earth dist.	-2412 Jul 20 j 03:32	12°♋09'08	1.38175 AU
evening rise	-2412 Jul 24 j 00:47	19°♋06'20	
	-2412 Jul 30 j 11:09	0°♌	
desc. node	-2412 Aug 07 j 19:10	13°♌03'25	
	-2412 Aug 19 j 23:01	0°♍	
evening max el	-2412 Aug 28 j 18:07	10°♍05'17	24°52'36
retrograde	-2412 Sep 09 j 08:52	16°♍50'47	
evening set	-2412 Sep 15 j 00:25	14°♍27'44	
min. Earth dist.	-2412 Sep 19 j 14:39	9°♍14'11	0.67159 AU
inferior conj	-2412 Sep 20 j 10:57	8°♍06'57	-1°00'-44
minimum elong	-2412 Sep 20 j 12:25	8°♍02'06	1°00'07
asc. node	-2412 Sep 23 j 10:14	4°♍24'34	
morning rise	-2412 Sep 26 j 00:48	2°♍02'02	
direct	-2412 Sep 29 j 14:01	0°♍49'13	
morning max el	-2412 Oct 07 j 04:23	5°♍12'21	19°59'12
greatest brilliancy	-2412 Oct 14 j 14:37	14°♍23'10	-0.6m
	-2412 Oct 25 j 05:34	0°♎	
morning set	-2412 Nov 02 j 08:24	12°♎27'06	
desc. node	-2412 Nov 03 j 18:41	14°♎39'57	
	-2412 Nov 13 j 12:53	0°♏	
max. Earth dist.	-2412 Nov 13 j 22:52	0°♏39'48	1.43940 AU
superior conj	-2412 Nov 18 j 23:27	8°♏45'22	-1°-27'-56
minimum elong	-2412 Nov 18 j 16:08	8°♏15'40	1°27'18
	-2412 Dec 01 j 16:38	0°♐	
evening rise	-2412 Dec 02 j 07:31	1°♐03'39	
asc. node	-2412 Dec 20 j 09:25	28°♐59'27	
evening max el	-2412 Dec 20 j 08:58	28°♐58'21	18°14'54
	-2412 Dec 21 j 11:05	0°♑	
retrograde	-2412 Dec 26 j 21:24	2°♑28'45	
evening set	-2412 Dec 29 j 16:51	1°♑47'31	
	-2411 Jan 01 j 08:23	30°℞♐	
inferior conj	-2411 Jan 04 j 22:18	26°♐25'03	3°48'47
minimum elong	-2411 Jan 04 j 20:20	26°♐30'25	3°48'29
min. Earth dist.	-2411 Jan 07 j 09:42	23°♐43'36	0.63314 AU
morning rise	-2411 Jan 10 j 22:10	20°♐26'00	
direct	-2411 Jan 17 j 22:43	17°♐40'54	
desc. node	-2411 Jan 30 j 17:59	24°♐31'41	
morning max el	-2411 Jan 31 j 17:07	25°♐27'39	27°40'13
	-2411 Feb 04 j 22:06	0°♑	
	-2411 Feb 25 j 08:31	0°♒	
morning set	-2411 Mar 07 j 00:57	18°♒07'59	
max. Earth dist.	-2411 Mar 12 j 09:52	29°♒12'44	1.33152 AU
	-2411 Mar 12 j 18:47	0°♓	
superior conj	-2411 Mar 14 j 17:40	4°♓10'21	0°-37'-21
minimum elong	-2411 Mar 14 j 19:22	4°♓19'32	0°37'02
asc. node	-2411 Mar 18 j 08:48	12°♓00'06	
evening rise	-2411 Mar 21 j 21:01	19°♓29'34	
	-2411 Mar 27 j 01:30	0°♈	
evening max el	-2411 Apr 13 j 22:57	26°♈19'00	23°17'34
	-2411 Apr 18 j 11:36	0°♉	
retrograde	-2411 Apr 27 j 10:43	3°♉00'46	
desc. node	-2411 Apr 28 j 16:59	2°♉57'13	
evening set	-2411 May 01 j 01:59	2°♉31'50	
	-2411 May 07 j 00:34	30°℞♈	
min. Earth dist.	-2411 May 08 j 09:20	29°♈13'25	0.55815 AU
inferior conj	-2411 May 10 j 05:27	28°♈08'30	-2°-59'-33
minimum elong	-2411 May 09 j 23:00	28°♈18'03	2°57'47
morning rise	-2411 May 18 j 23:14	24°♈11'48	
direct	-2411 May 21 j 13:44	23°♈55'14	
morning max el	-2411 Jun 01 j 03:33	28°♈49'43	20°20'36
	-2411 Jun 02 j 08:16	0°♉	
asc. node	-2411 Jun 14 j 08:11	17°♉48'00	
morning set	-2411 Jun 19 j 15:40	28°♉13'52	
	-2411 Jun 20 j 12:29	0°♊	
superior conj	-2411 Jun 27 j 09:48	14°♊06'37	1°41'38
minimum elong	-2411 Jun 27 j 07:52	13°♊56'52	1°41'35
max. Earth dist.	-2411 Jul 02 j 09:23	23°♊58'02	1.36358 AU
	-2411 Jul 05 j 13:45	0°♋	
evening rise	-2411 Jul 06 j 11:12	1°♋39'16	
	-2411 Jul 23 j 12:56	0°♌	
desc. node	-2411 Jul 25 j 16:10	3°♌07'38	
evening max el	-2411 Aug 11 j 05:16	23°♌39'08	26°02'04
	-2411 Aug 20 j 00:11	0°♍	
retrograde	-2411 Aug 23 j 16:52	0°♍46'12	
	-2411 Aug 27 j 03:19	30°℞♌	
evening set	-2411 Aug 29 j 23:13	28°♌08'07	
min. Earth dist.	-2411 Sep 03 j 05:06	23°♌32'12	0.66514 AU
inferior conj	-2411 Sep 04 j 12:57	21°♌52'09	-1°-54'-24
minimum elong	-2411 Sep 04 j 15:41	21°♌43'34	1°53'19
morning rise	-2411 Sep 10 j 08:56	15°♌57'25	
asc. node	-2411 Sep 10 j 07:20	15°♌59'51	
direct	-2411 Sep 13 j 12:20	15°♌00'40	
morning max el	-2411 Sep 20 j 11:23	18°♌56'06	19°03'07
	-2411 Sep 28 j 23:48	0°♍	
morning set	-2411 Oct 12 j 18:05	21°♍19'57	
	-2411 Oct 18 j 06:24	0°♎	
desc. node	-2411 Oct 21 j 15:39	5°♎19'06	
max. Earth dist.	-2411 Oct 27 j 15:22	14°♎44'19	1.44765 AU
superior conj	-2411 Oct 29 j 07:24	17°♎22'19	0°-47'-53
minimum elong	-2411 Oct 29 j 01:28	16°♎58'54	0°47'11
	-2411 Nov 06 j 05:50	0°♏	
evening rise	-2411 Nov 13 j 13:44	11°♏51'25	
	-2411 Nov 24 j 18:51	0°♐	
evening max el	-2411 Dec 03 j 20:52	12°♐21'21	18°40'05
asc. node	-2411 Dec 07 j 06:28	15°♐07'38	
retrograde	-2411 Dec 10 j 13:24	16°♐06'03	
evening set	-2411 Dec 13 j 13:50	15°♐14'37	
inferior conj	-2411 Dec 19 j 11:28	9°♐33'55	3°23'53
minimum elong	-2411 Dec 19 j 08:36	9°♐42'30	3°23'13
min. Earth dist.	-2411 Dec 21 j 07:46	7°♐21'16	0.64862 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning rise	-2411 Dec 25 j 02:13	3°♐26'40	
direct	-2411 Dec 31 j 19:59	0°♐36'00	
morning max el	-2410 Jan 14 j 02:39	8°♐16'36	27°06'34
desc. node	-2410 Jan 17 j 15:02	12°♐02'08	
	-2410 Jan 31 j 01:58	0°♑	
	-2410 Feb 17 j 15:56	0°♒	
morning set	-2410 Feb 18 j 15:14	1°♒52'02	
max. Earth dist.	-2410 Feb 23 j 07:17	11°♒08'56	1.34100 AU
superior conj	-2410 Feb 26 j 21:27	18°♒34'57	-1°-2'-20
minimum elong	-2410 Feb 27 j 00:11	18°♒49'21	1°01'54
	-2410 Mar 04 j 07:00	0°♓	
asc. node	-2410 Mar 05 j 05:49	2°♓00'16	
evening rise	-2410 Mar 06 j 07:27	4°♓14'25	
	-2410 Mar 20 j 17:23	0°♈	
evening max el	-2410 Mar 26 j 18:34	7°♈05'13	21°44'50
retrograde	-2410 Apr 08 j 03:10	13°♈05'04	
evening set	-2410 Apr 10 j 18:08	12°♈49'37	
desc. node	-2410 Apr 15 j 14:05	11°♈10'27	
inferior conj	-2410 Apr 20 j 02:40	8°♈46'29	-1°-15'-44
minimum elong	-2410 Apr 19 j 23:10	8°♈51'25	1°14'32
min. Earth dist.	-2410 Apr 19 j 22:44	8°♈52'00	0.55119 AU
morning rise	-2410 Apr 29 j 05:05	4°♈47'48	
direct	-2410 May 02 j 02:24	4°♈29'23	
morning max el	-2410 May 14 j 08:06	10°♈16'20	21°45'57
	-2410 May 28 j 09:29	0°♉	
asc. node	-2410 Jun 01 j 05:13	7°♉19'21	
morning set	-2410 Jun 04 j 00:41	13°♉02'43	
superior conj	-2410 Jun 11 j 09:47	28°♉32'38	1°29'03
minimum elong	-2410 Jun 11 j 07:14	28°♉19'20	1°28'48
	-2410 Jun 12 j 02:33	0°♊	
max. Earth dist.	-2410 Jun 14 j 23:22	5°♊53'40	1.34849 AU
evening rise	-2410 Jun 19 j 14:42	15°♊04'01	
	-2410 Jun 27 j 19:29	0°♋	
desc. node	-2410 Jul 12 j 13:13	22°♋45'31	
	-2410 Jul 18 j 04:06	0°♌	
evening max el	-2410 Jul 24 j 16:43	7°♌08'12	26°54'29
retrograde	-2410 Aug 06 j 19:53	14°♌27'13	
evening set	-2410 Aug 13 j 14:48	11°♌41'03	
min. Earth dist.	-2410 Aug 17 j 12:58	7°♌43'33	0.65502 AU
inferior conj	-2410 Aug 19 j 09:39	5°♌33'13	-2°-45'-23
minimum elong	-2410 Aug 19 j 13:23	5°♌22'17	2°44'07
	-2410 Aug 25 j 07:11	30°♑℞♋	
morning rise	-2410 Aug 25 j 13:14	29°♋51'52	
direct	-2410 Aug 28 j 09:08	29°♋07'43	
asc. node	-2410 Aug 28 j 04:24	29°♋07'56	
	-2410 Aug 31 j 12:18	0°♌	
morning max el	-2410 Sep 03 j 23:38	2°♌44'43	18°23'09
	-2410 Sep 22 j 07:46	0°♍	
morning set	-2410 Sep 23 j 06:16	1°♍31'53	
superior conj	-2410 Oct 08 j 07:28	25°♍42'56	0°01'24
minimum elong	-2410 Oct 08 j 07:39	25°♍43'40	0°01'24
behind sun begin	-2410 Oct 07 j 20:29	24°♍59'29	
behind sun end	-2410 Oct 08 j 18:50	26°♍27'49	
desc. node	-2410 Oct 08 j 12:39	26°♍03'24	
max. Earth dist.	-2410 Oct 10 j 09:48	29°♍01'29	1.44863 AU
	-2410 Oct 11 j 00:39	0°♎	
evening rise	-2410 Oct 24 j 19:36	21°♎38'18	
	-2410 Oct 30 j 03:36	0°♏	
greatest brilliancy	-2410 Nov 07 j 18:47	13°♏18'00	-0.7m
evening max el	-2410 Nov 17 j 05:43	25°♏47'43	19°22'18
retrograde	-2410 Nov 24 j 09:29	29°♏55'35	
asc. node	-2410 Nov 24 j 03:31	29°♏55'14	
evening set	-2410 Nov 27 j 16:39	28°♏52'04	
inferior conj	-2410 Dec 03 j 08:33	22°♏56'12	2°48'15
minimum elong	-2410 Dec 03 j 05:34	23°♏05'48	2°47'20
min. Earth dist.	-2410 Dec 04 j 14:47	21°♏19'00	0.66045 AU
morning rise	-2410 Dec 08 j 17:40	16°♏43'20	
direct	-2410 Dec 14 j 23:30	13°♏59'45	
morning max el	-2410 Dec 27 j 12:14	21°♏22'52	26°05'47
	-2409 Jan 04 j 01:09	0°♐	
desc. node	-2409 Jan 04 j 12:03	0°♐34'35	
	-2409 Jan 24 j 06:31	0°♑	
morning set	-2409 Feb 01 j 16:06	14°♑51'10	
max. Earth dist.	-2409 Feb 05 j 16:50	22°♑30'10	1.35496 AU
	-2409 Feb 09 j 11:51	0°♒	
superior conj	-2409 Feb 10 j 18:15	2°♒33'38	-1°-25'-7
minimum elong	-2409 Feb 10 j 21:37	2°♒50'46	1°24'44
evening rise	-2409 Feb 18 j 14:42	18°♒43'34	
asc. node	-2409 Feb 20 j 02:50	21°♒47'19	
	-2409 Feb 24 j 07:53	0°♓	
evening max el	-2409 Mar 08 j 23:42	18°♓20'37	20°23'47
retrograde	-2409 Mar 19 j 17:18	23°♓27'55	
evening set	-2409 Mar 21 j 22:57	23°♓15'31	
inferior conj	-2409 Mar 30 j 22:47	19°♓17'27	0°42'05
minimum elong	-2409 Mar 31 j 00:40	19°♓14'41	0°41'24
min. Earth dist.	-2409 Apr 01 j 12:52	18°♓21'31	0.55365 AU
desc. node	-2409 Apr 02 j 11:08	17°♓49'30	
morning rise	-2409 Apr 09 j 00:11	14°♓57'50	
direct	-2409 Apr 12 j 15:11	14°♓29'10	
morning max el	-2409 Apr 26 j 03:28	21°♓06'38	23°23'31
	-2409 May 03 j 17:54	0°♈	
asc. node	-2409 May 19 j 02:14	27°♈09'06	
morning set	-2409 May 19 j 12:05	28°♈00'35	
	-2409 May 20 j 10:47	0°♉	
superior conj	-2409 May 26 j 15:44	13°♉17'42	1°11'50
minimum elong	-2409 May 26 j 13:12	13°♉04'07	1°11'28
max. Earth dist.	-2409 May 28 j 22:59	18°♉11'26	1.33717 AU
evening rise	-2409 Jun 03 j 06:41	29°♉07'20	
	-2409 Jun 03 j 17:17	0°♊	
	-2409 Jun 20 j 22:20	0°♋	
desc. node	-2409 Jun 29 j 10:16	11°♋45'33	
evening max el	-2409 Jul 07 j 03:42	20°♋22'18	27°22'26
retrograde	-2409 Jul 20 j 17:23	27°♋44'58	
evening set	-2409 Jul 27 j 20:10	25°♋01'39	
min. Earth dist.	-2409 Jul 31 j 12:15	21°♋39'54	0.64115 AU
inferior conj	-2409 Aug 02 j 22:34	19°♋05'04	-3°-31'-1
minimum elong	-2409 Aug 03 j 02:44	18°♋53'58	3°29'55
morning rise	-2409 Aug 09 j 11:08	13°♋40'12	
direct	-2409 Aug 12 j 01:58	13°♋05'23	
asc. node	-2409 Aug 15 j 01:27	13°♋50'33	
morning max el	-2409 Aug 18 j 14:31	16°♋32'19	18°00'18
	-2409 Aug 28 j 05:06	0°♌	
morning set	-2409 Sep 04 j 21:24	13°♌01'05	
	-2409 Sep 14 j 23:21	0°♍	
superior conj	-2409 Sep 17 j 21:49	4°♍48'39	0°47'16
minimum elong	-2409 Sep 18 j 02:41	5°♍08'24	0°46'41
max. Earth dist.	-2409 Sep 23 j 02:47	13°♍11'35	1.44240 AU
desc. node	-2409 Sep 25 j 09:38	16°♍49'09	
	-2409 Oct 03 j 20:17	0°♎	
evening rise	-2409 Oct 04 j 05:45	0°♎36'33	
	-2409 Oct 23 j 22:28	0°♏	
greatest brilliancy	-2409 Oct 24 j 21:24	1°♏18'26	-0.6m
evening max el	-2409 Oct 31 j 09:41	9°♏14'43	20°19'43
retrograde	-2409 Nov 08 j 06:51	13°♏53'02	
asc. node	-2409 Nov 11 j 00:34	13°♏09'47	
evening set	-2409 Nov 11 j 22:56	12°♏34'58	
inferior conj	-2409 Nov 17 j 10:55	6°♏27'22	2°05'02
minimum elong	-2409 Nov 17 j 08:22	6°♏35'55	2°04'06

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

min. Earth dist.	-2409 Nov 18 j 04:39	5°♏27'40	0.66868 AU
morning rise	-2409 Nov 22 j 17:15	0°♏11'24	
	-2409 Nov 22 j 22:30	30°℞♎	
direct	-2409 Nov 28 j 08:29	27°♎43'54	
	-2409 Dec 04 j 12:05	0°♏	
morning max el	-2409 Dec 09 j 20:45	4°♏35'22	24°47'07
desc. node	-2409 Dec 22 j 09:04	19°♏50'30	
	-2409 Dec 29 j 10:45	0°♐	
morning set	-2408 Jan 14 j 22:06	26°♐49'18	
	-2408 Jan 16 j 16:52	0°♑	
max. Earth dist.	-2408 Jan 18 j 15:44	3°♑32'55	1.37306 AU
superior conj	-2408 Jan 25 j 04:58	15°♑57'23	-1°-43'-45
minimum elong	-2408 Jan 25 j 08:09	16°♑12'57	1°43'33
	-2408 Feb 01 j 06:31	0°♒	
evening rise	-2408 Feb 02 j 16:33	2°♒50'13	
asc. node	-2408 Feb 06 j 23:52	11°♒15'30	
	-2408 Feb 19 j 10:17	0°♓	
evening max el	-2408 Feb 19 j 15:44	0°♓13'10	19°20'18
retrograde	-2408 Feb 28 j 17:23	4°♓32'52	
evening set	-2408 Mar 02 j 00:03	4°♓17'43	
inferior conj	-2408 Mar 10 j 07:25	0°♓09'25	2°21'23
minimum elong	-2408 Mar 10 j 12:07	0°♓01'37	2°20'04
	-2408 Mar 10 j 13:05	30°℞♒	
min. Earth dist.	-2408 Mar 13 j 03:54	28°♒16'29	0.56492 AU
morning rise	-2408 Mar 18 j 20:19	25°♒19'14	
desc. node	-2408 Mar 19 j 08:11	25°♒09'08	
direct	-2408 Mar 23 j 14:58	24°♒26'50	
	-2408 Apr 04 j 22:26	0°♓	
morning max el	-2408 Apr 06 j 18:21	1°♓39'47	25°02'01
	-2408 Apr 26 j 11:36	0°♈	
morning set	-2408 May 03 j 00:13	13°♈01'57	
asc. node	-2408 May 04 j 23:16	17°♈11'47	
superior conj	-2408 May 10 j 01:25	28°♈14'20	0°51'11
minimum elong	-2408 May 09 j 23:22	28°♈03'11	0°50'49
	-2408 May 10 j 20:52	0°♉	
max. Earth dist.	-2408 May 11 j 06:42	0°♉53'13	1.32960 AU
evening rise	-2408 May 17 j 07:24	13°♉37'50	
	-2408 May 25 j 20:02	0°♊	
desc. node	-2408 Jun 15 j 07:18	29°♊52'01	
	-2408 Jun 15 j 10:13	0°♋	
evening max el	-2408 Jun 18 j 12:19	3°♋09'52	27°20'06
retrograde	-2408 Jul 02 j 08:32	10°♋30'55	
evening set	-2408 Jul 09 j 11:43	8°♋04'03	
min. Earth dist.	-2408 Jul 13 j 01:45	5°♋10'07	0.62382 AU
inferior conj	-2408 Jul 16 j 00:52	2°♋21'49	-4°-7'-12
minimum elong	-2408 Jul 16 j 04:25	2°♋13'23	4°06'35
	-2408 Jul 18 j 15:24	30°℞♊	
morning rise	-2408 Jul 22 j 23:35	27°♊16'24	
direct	-2408 Jul 25 j 11:43	26°♊48'10	
asc. node	-2408 Jul 31 j 22:30	29°♊56'55	
	-2408 Jul 31 j 23:48	0°♋	
morning max el	-2408 Aug 01 j 05:22	0°♋13'26	17°55'35
morning set	-2408 Aug 17 j 10:23	25°♋33'22	
	-2408 Aug 19 j 21:55	0°♌	
superior conj	-2408 Aug 28 j 14:45	15°♌13'28	1°20'59
minimum elong	-2408 Aug 28 j 19:56	15°♌35'35	1°20'30
max. Earth dist.	-2408 Sep 04 j 16:12	26°♌59'45	1.42987 AU
	-2408 Sep 06 j 12:40	0°♍	
desc. node	-2408 Sep 11 j 06:40	7°♍33'35	
evening rise	-2408 Sep 12 j 11:43	9°♍27'25	
	-2408 Sep 26 j 01:37	0°♎	
greatest brilliancy	-2408 Oct 08 j 06:47	16°♎53'29	-0.4m
evening max el	-2408 Oct 13 j 07:48	22°♎41'57	21°29'28
retrograde	-2408 Oct 22 j 03:33	27°♎56'10	
evening set	-2408 Oct 26 j 06:47	26°♎21'05	
asc. node	-2408 Oct 27 j 21:37	24°♎51'59	
inferior conj	-2408 Oct 31 j 16:26	20°♎05'06	1°16'33
minimum elong	-2408 Oct 31 j 14:44	20°♎10'56	1°15'50
min. Earth dist.	-2408 Oct 31 j 22:57	19°♎42'38	0.67353 AU
morning rise	-2408 Nov 05 j 22:23	13°♎48'44	
direct	-2408 Nov 10 j 22:15	11°♎42'14	
morning max el	-2408 Nov 21 j 05:53	17°♎51'16	23°20'38
greatest brilliancy	-2408 Nov 26 j 15:44	23°♎57'36	-0.2m
	-2408 Dec 01 j 08:32	0°♏	
desc. node	-2408 Dec 08 j 06:05	9°♏37'34	
	-2408 Dec 21 j 13:30	0°♐	
morning set	-2408 Dec 26 j 02:59	7°♐30'21	
max. Earth dist.	-2408 Dec 30 j 11:04	14°♐54'57	1.39374 AU
superior conj	-2407 Jan 07 j 01:29	28°♐35'29	-1°-55'-30
minimum elong	-2407 Jan 07 j 03:10	28°♐43'21	1°55'31
	-2407 Jan 07 j 19:38	0°♑	
evening rise	-2407 Jan 16 j 10:25	16°♑28'00	
asc. node	-2407 Jan 23 j 20:53	0°♒18'20	
	-2407 Jan 23 j 16:40	0°♒	
evening max el	-2407 Feb 01 j 17:07	12°♒39'15	18°36'27
retrograde	-2407 Feb 09 j 11:38	16°♒26'17	
evening set	-2407 Feb 11 j 21:58	16°♒05'24	
inferior conj	-2407 Feb 19 j 11:54	11°♒37'45	3°25'12
minimum elong	-2407 Feb 19 j 15:42	11°♒30'23	3°24'30
min. Earth dist.	-2407 Feb 22 j 21:06	9°♒02'14	0.58247 AU
morning rise	-2407 Feb 27 j 05:42	6°♒19'20	
direct	-2407 Mar 05 j 03:49	4°♒51'24	
desc. node	-2407 Mar 06 j 05:15	4°♒54'13	
morning max el	-2407 Mar 19 j 10:53	12°♒23'32	26°26'31
	-2407 Apr 02 j 05:29	0°♓	
morning set	-2407 Apr 17 j 11:23	28°♓00'05	
	-2407 Apr 18 j 10:10	0°♈	
asc. node	-2407 Apr 21 j 20:18	7°♈21'48	
superior conj	-2407 Apr 24 j 12:54	13°♈15'05	0°28'00
minimum elong	-2407 Apr 24 j 11:41	13°♈08'27	0°27'46
max. Earth dist.	-2407 Apr 24 j 19:04	13°♈48'56	1.32558 AU
evening rise	-2407 May 01 j 13:56	28°♈24'52	
	-2407 May 02 j 08:18	0°♉	
	-2407 May 19 j 05:12	0°♊	
evening max el	-2407 May 31 j 15:48	15°♊17'57	26°44'44
desc. node	-2407 Jun 02 j 04:21	16°♊41'33	
retrograde	-2407 Jun 14 j 15:55	22°♊35'46	
evening set	-2407 Jun 21 j 09:00	20°♊38'42	
min. Earth dist.	-2407 Jun 25 j 05:16	17°♊58'49	0.60399 AU
inferior conj	-2407 Jun 28 j 13:01	15°♊13'51	-4°-27'-40
minimum elong	-2407 Jun 28 j 14:23	15°♊10'59	4°27'34
morning rise	-2407 Jul 05 j 22:56	10°♊30'25	
direct	-2407 Jul 08 j 10:23	10°♊06'55	
morning max el	-2407 Jul 15 j 17:17	13°♊40'03	18°10'01
asc. node	-2407 Jul 18 j 19:35	17°♊10'50	
	-2407 Jul 26 j 20:19	0°♋	
morning set	-2407 Jul 31 j 15:33	8°♋52'41	
superior conj	-2407 Aug 10 j 10:06	26°♋56'51	1°40'42
minimum elong	-2407 Aug 10 j 13:10	27°♋10'35	1°40'34
	-2407 Aug 12 j 03:10	0°♌	
max. Earth dist.	-2407 Aug 18 j 00:16	10°♌10'33	1.41262 AU
evening rise	-2407 Aug 23 j 08:12	18°♌59'40	
desc. node	-2407 Aug 29 j 03:41	28°♌12'42	
	-2407 Aug 30 j 07:26	0°♍	
	-2407 Sep 20 j 13:26	0°♎	
greatest brilliancy	-2407 Sep 21 j 01:58	0°♎38'13	-0.3m
evening max el	-2407 Sep 26 j 00:12	6°♎09'17	22°47'29
retrograde	-2407 Oct 05 j 22:00	12°♎02'04	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening set	-2407 Oct 10 j 14:25	10°♎08'08	
asc. node	-2407 Oct 14 j 18:41	5°♎25'04	
inferior conj	-2407 Oct 15 j 23:13	3°♎47'20	0°24'32
minimum elong	-2407 Oct 15 j 22:39	3°♎49'18	0°24'16
min. Earth dist.	-2407 Oct 15 j 19:18	4°♎00'52	0.67516 AU
	-2407 Oct 18 j 20:29	30°℞♍	
morning rise	-2407 Oct 21 j 06:49	27°♍33'13	
direct	-2407 Oct 25 j 15:51	25°♍49'02	
	-2407 Nov 02 j 12:58	0°♎	
morning max el	-2407 Nov 03 j 18:57	1°♎12'57	21°55'23
greatest brilliancy	-2407 Nov 08 j 14:43	6°♎41'36	-0.4m
desc. node	-2407 Nov 25 j 03:08	29°♎46'47	
	-2407 Nov 25 j 06:39	0°♏	
morning set	-2407 Dec 06 j 02:58	16°♏47'59	
max. Earth dist.	-2407 Dec 12 j 10:35	27°♏06'40	1.41421 AU
	-2407 Dec 14 j 03:56	0°♐	
superior conj	-2407 Dec 20 j 02:35	10°♐14'38	-1°-56'-48
minimum elong	-2407 Dec 20 j 01:05	10°♐08'01	1°56'50
evening rise	-2407 Dec 30 j 17:04	29°♐29'40	
	-2407 Dec 30 j 23:37	0°♑	
asc. node	-2406 Jan 10 j 17:56	18°♑47'48	
evening max el	-2406 Jan 16 j 01:07	25°♑31'16	18°12'41
retrograde	-2406 Jan 23 j 00:07	29°♑01'39	
evening set	-2406 Jan 25 j 13:47	28°♑33'43	
inferior conj	-2406 Feb 01 j 12:45	23°♑44'10	3°54'14
minimum elong	-2406 Feb 01 j 14:02	23°♑41'17	3°54'06
min. Earth dist.	-2406 Feb 04 j 19:38	20°♑48'24	0.60275 AU
morning rise	-2406 Feb 08 j 11:19	18°♑04'49	
direct	-2406 Feb 15 j 04:14	15°♑59'06	
desc. node	-2406 Feb 21 j 02:19	17°♑28'57	
morning max el	-2406 Mar 01 j 09:18	23°♑41'33	27°23'14
	-2406 Mar 07 j 02:08	0°♒	
	-2406 Mar 26 j 08:07	0°♓	
morning set	-2406 Apr 01 j 19:50	12°♓48'42	
max. Earth dist.	-2406 Apr 08 j 08:18	26°♓45'25	1.32502 AU
asc. node	-2406 Apr 08 j 17:21	27°♓34'50	
superior conj	-2406 Apr 09 j 00:32	28°♓14'08	0°03'10
minimum elong	-2406 Apr 09 j 00:23	28°♓13'20	0°03'09
behind sun begin	-2406 Apr 08 j 19:27	27°♓46'19	
behind sun end	-2406 Apr 09 j 05:19	28°♓40'23	
	-2406 Apr 09 j 19:52	0°♈	
evening rise	-2406 Apr 16 j 00:02	13°♈20'26	
	-2406 Apr 24 j 11:24	0°♉	
evening max el	-2406 May 13 j 12:36	26°♉41'52	25°38'54
	-2406 May 17 j 10:01	0°♊	
desc. node	-2406 May 20 j 01:23	1°♊43'06	
retrograde	-2406 May 27 j 14:11	3°♊54'41	
evening set	-2406 Jun 02 j 08:30	2°♊35'41	
	-2406 Jun 06 j 20:15	30°℞♉	
min. Earth dist.	-2406 Jun 07 j 00:47	29°♉52'15	0.58364 AU
inferior conj	-2406 Jun 10 j 07:23	27°♉31'30	-4°-23'-9
minimum elong	-2406 Jun 10 j 05:03	27°♉35'44	4°22'57
morning rise	-2406 Jun 18 j 05:30	23°♉10'39	
direct	-2406 Jun 20 j 17:23	22°♉50'48	
morning max el	-2406 Jun 28 j 23:24	26°♉44'07	18°44'32
	-2406 Jul 01 j 22:50	0°♊	
asc. node	-2406 Jul 05 j 16:41	5°♊17'50	
morning set	-2406 Jul 15 j 08:25	22°♊47'37	
	-2406 Jul 19 j 01:02	0°♋	
superior conj	-2406 Jul 24 j 02:42	9°♋44'44	1°48'15
minimum elong	-2406 Jul 24 j 03:19	9°♋47'37	1°48'18
max. Earth dist.	-2406 Jul 31 j 03:23	22°♋37'01	1.39301 AU
evening rise	-2406 Aug 04 j 05:28	29°♋42'39	
	-2406 Aug 04 j 09:33	0°♌	
desc. node	-2406 Aug 16 j 00:41	18°♌42'30	
	-2406 Aug 23 j 17:22	0°♍	
evening max el	-2406 Sep 08 j 12:35	19°♍38'22	24°07'58
retrograde	-2406 Sep 19 j 13:09	26°♍07'18	
evening set	-2406 Sep 24 j 20:06	23°♍54'13	
min. Earth dist.	-2406 Sep 29 j 15:16	18°♍20'25	0.67374 AU
inferior conj	-2406 Sep 30 j 05:32	17°♍32'11	0°-29'-26
minimum elong	-2406 Sep 30 j 06:14	17°♍29'48	0°29'09
asc. node	-2406 Oct 01 j 15:47	15°♍38'03	
morning rise	-2406 Oct 05 j 16:37	11°♍23'09	
direct	-2406 Oct 09 j 12:23	9°♍59'50	
morning max el	-2406 Oct 17 j 14:40	14°♍43'11	20°38'08
greatest brilliancy	-2406 Oct 23 j 18:18	22°♍02'11	-0.5m
	-2406 Oct 29 j 12:13	0°♎	
desc. node	-2406 Nov 12 j 00:09	20°♎11'07	
morning set	-2406 Nov 15 j 04:18	25°♎05'17	
	-2406 Nov 18 j 07:45	0°♏	
max. Earth dist.	-2406 Nov 24 j 17:11	10°♏10'53	1.43160 AU
superior conj	-2406 Dec 01 j 02:37	20°♏40'39	-1°-43'-29
minimum elong	-2406 Nov 30 j 20:57	20°♏17'00	1°43'09
	-2406 Dec 06 j 14:37	0°♐	
evening rise	-2406 Dec 13 j 08:23	11°♐45'41	
	-2406 Dec 23 j 23:51	0°♑	
asc. node	-2406 Dec 28 j 15:00	6°♑32'45	
evening max el	-2406 Dec 30 j 12:47	8°♑40'13	18°08'36
retrograde	-2405 Jan 06 j 02:38	12°♑07'30	
evening set	-2405 Jan 08 j 19:40	11°♑31'35	
inferior conj	-2405 Jan 15 j 06:43	6°♑20'46	3°56'29
minimum elong	-2405 Jan 15 j 05:41	6°♑23'24	3°56'22
min. Earth dist.	-2405 Jan 18 j 02:28	3°♑28'16	0.62267 AU
morning rise	-2405 Jan 21 j 13:35	0°♑27'20	
	-2405 Jan 22 j 05:12	30°℞♐	
direct	-2405 Jan 28 j 14:13	27°♐52'19	
	-2405 Feb 04 j 11:23	0°♑	
desc. node	-2405 Feb 07 j 23:23	2°♑26'13	
morning max el	-2405 Feb 11 j 13:48	5°♑40'00	27°44'28
	-2405 Mar 01 j 23:07	0°♒	
morning set	-2405 Mar 16 j 23:25	27°♒19'37	
	-2405 Mar 18 j 06:46	0°♓	
max. Earth dist.	-2405 Mar 22 j 18:19	9°♓27'25	1.32802 AU
superior conj	-2405 Mar 24 j 10:35	13°♓04'52	0°-22'-32
minimum elong	-2405 Mar 24 j 11:38	13°♓10'29	0°22'20
asc. node	-2405 Mar 26 j 14:24	17°♓46'16	
evening rise	-2405 Mar 31 j 11:40	28°♓16'49	
	-2405 Apr 01 j 07:20	0°♈	
	-2405 Apr 18 j 14:32	0°♉	
evening max el	-2405 Apr 25 j 04:28	7°♉31'28	24°11'51
desc. node	-2405 May 06 j 22:26	14°♉19'46	
retrograde	-2405 May 09 j 01:16	14°♉30'04	
evening set	-2405 May 13 j 11:03	13°♉46'38	
min. Earth dist.	-2405 May 19 j 16:01	10°♉44'03	0.56580 AU
inferior conj	-2405 May 22 j 05:40	9°♉07'29	-3°-42'-26
minimum elong	-2405 May 21 j 23:48	9°♉16'45	3°41'13
morning rise	-2405 May 30 j 16:30	5°♉04'47	
direct	-2405 Jun 02 j 05:16	4°♉47'43	
morning max el	-2405 Jun 11 j 20:55	9°♉16'06	19°39'45
asc. node	-2405 Jun 22 j 13:45	24°♉05'31	
	-2405 Jun 25 j 18:21	0°♊	
morning set	-2405 Jun 29 j 09:35	7°♊09'28	
superior conj	-2405 Jul 07 j 10:56	23°♊21'20	1°46'13
minimum elong	-2405 Jul 07 j 09:43	23°♊15'14	1°46'14
	-2405 Jul 10 j 20:48	0°♋	
max. Earth dist.	-2405 Jul 13 j 06:02	4°♋30'57	1.37366 AU
evening rise	-2405 Jul 17 j 03:37	11°♋39'10	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2405 Jul 28 j 01:02	0°♌	
desc. node	-2405 Aug 02 j 21:41	8°♌58'08	
	-2405 Aug 18 j 22:22	0°♍	
evening max el	-2405 Aug 21 j 23:32	3°♍11'08	25°23'48
retrograde	-2405 Sep 03 j 00:05	10°♍08'01	
evening set	-2405 Sep 08 j 21:59	7°♍37'52	
min. Earth dist.	-2405 Sep 13 j 08:31	2°♍40'00	0.66918 AU
inferior conj	-2405 Sep 14 j 09:38	1°♍18'25	-1°-23'-43
minimum elong	-2405 Sep 14 j 11:39	1°♍11'51	1°22'53
	-2405 Sep 15 j 10:01	30°℞♌	
asc. node	-2405 Sep 18 j 12:52	26°♌30'16	
morning rise	-2405 Sep 20 j 01:54	25°♌17'23	
direct	-2405 Sep 23 j 10:32	24°♌11'59	
morning max el	-2405 Sep 30 j 17:47	28°♌22'42	19°33'29
	-2405 Oct 02 j 05:49	0°♍	
greatest brilliancy	-2405 Oct 09 j 12:56	9°♍38'18	-0.7m
	-2405 Oct 22 j 23:01	0°♎	
morning set	-2405 Oct 25 j 04:05	3°♎25'53	
desc. node	-2405 Oct 29 j 21:09	10°♎46'11	
max. Earth dist.	-2405 Nov 07 j 06:12	23°♎56'20	1.44368 AU
superior conj	-2405 Nov 10 j 23:28	29°♎51'53	-1°-12'-46
minimum elong	-2405 Nov 10 j 15:58	29°♎21'53	1°12'00
	-2405 Nov 11 j 01:30	0°♏	
evening rise	-2405 Nov 25 j 03:51	23°♏07'33	
	-2405 Nov 29 j 06:09	0°♐	
evening max el	-2405 Dec 14 j 01:21	21°♐59'49	18°23'28
asc. node	-2405 Dec 15 j 12:02	23°♐20'32	
retrograde	-2405 Dec 20 j 14:43	25°♐35'11	
evening set	-2405 Dec 23 j 12:02	24°♐49'59	
inferior conj	-2405 Dec 29 j 13:54	19°♐19'43	3°39'45
minimum elong	-2405 Dec 29 j 11:27	19°♐26'42	3°39'18
min. Earth dist.	-2405 Dec 31 j 18:59	16°♐48'55	0.64016 AU
morning rise	-2404 Jan 04 j 09:24	13°♐16'43	
direct	-2404 Jan 11 j 07:58	10°♐27'06	
morning max el	-2404 Jan 24 j 22:06	18°♐13'07	27°29'37
desc. node	-2404 Jan 25 j 20:28	19°♐09'49	
	-2404 Feb 03 j 21:26	0°♑	
	-2404 Feb 22 j 19:24	0°♒	
morning set	-2404 Feb 28 j 19:31	11°♒23'57	
max. Earth dist.	-2404 Mar 04 j 21:07	21°♒41'56	1.33500 AU
superior conj	-2404 Mar 07 j 17:17	27°♒41'17	0°-48'-6
minimum elong	-2404 Mar 07 j 19:28	27°♒52'53	0°47'44
	-2404 Mar 08 j 19:17	0°♓	
asc. node	-2404 Mar 12 j 11:25	7°♓51'52	
evening rise	-2404 Mar 14 j 23:02	13°♓07'45	
	-2404 Mar 23 j 14:44	0°♈	
evening max el	-2404 Apr 05 j 21:00	18°♈11'39	22°37'16
retrograde	-2404 Apr 18 j 23:25	24°♈37'33	
evening set	-2404 Apr 22 j 02:20	24°♈16'13	
desc. node	-2404 Apr 22 j 19:30	24°♈05'35	
min. Earth dist.	-2404 Apr 30 j 05:53	20°♈42'56	0.55409 AU
inferior conj	-2404 May 01 j 09:47	20°♈03'03	-2°-19'-15
minimum elong	-2404 May 01 j 03:59	20°♈11'21	2°17'27
morning rise	-2404 May 10 j 07:58	16°♈07'19	
direct	-2404 May 13 j 00:16	15°♈50'39	
morning max el	-2404 May 24 j 07:45	21°♈07'28	20°54'52
	-2404 May 31 j 15:52	0°♉	
asc. node	-2404 Jun 08 j 10:48	13°♉23'27	
morning set	-2404 Jun 12 j 16:22	21°♉50'27	
	-2404 Jun 16 j 14:48	0°♊	
superior conj	-2404 Jun 20 j 06:11	7°♊32'26	1°36'57
minimum elong	-2404 Jun 20 j 03:54	7°♊20'45	1°36'48
max. Earth dist.	-2404 Jun 24 j 14:42	16°♊19'08	1.35672 AU
evening rise	-2404 Jun 28 j 21:57	24°♊36'20	

	-2404 Jul 01 j 20:12	0°♋	
desc. node	-2404 Jul 19 j 18:43	28°♋52'23	
	-2404 Jul 20 j 13:58	0°♌	
evening max el	-2404 Aug 03 j 10:53	16°♌44'26	26°27'02
retrograde	-2404 Aug 16 j 06:05	23°♌57'55	
evening set	-2404 Aug 22 j 17:59	21°♌15'38	
min. Earth dist.	-2404 Aug 26 j 20:33	16°♌55'47	0.66124 AU
inferior conj	-2404 Aug 28 j 09:38	15°♌02'33	-2°-16'-32
minimum elong	-2404 Aug 28 j 12:50	14°♌52'46	2°15'20
morning rise	-2404 Sep 03 j 08:39	9°♌12'50	
asc. node	-2404 Sep 04 j 09:57	8°♌43'17	
direct	-2404 Sep 06 j 08:33	8°♌21'50	
morning max el	-2404 Sep 13 j 03:11	12°♌08'37	18°44'01
	-2404 Sep 25 j 22:36	0°♍	
morning set	-2404 Oct 04 j 00:11	12°♍50'09	
	-2404 Oct 14 j 19:52	0°♎	
desc. node	-2404 Oct 15 j 18:09	1°♎27'50	
superior conj	-2404 Oct 20 j 01:18	8°♎14'01	0°-27'-23
minimum elong	-2404 Oct 19 j 21:42	7°♎59'50	0°26'55
max. Earth dist.	-2404 Oct 19 j 23:32	8°♎07'04	1.44898 AU
	-2404 Nov 02 j 19:25	0°♏	
evening rise	-2404 Nov 04 j 23:33	3°♏28'19	
	-2404 Nov 22 j 01:34	0°♐	
evening max el	-2404 Nov 26 j 12:15	5°♐24'45	18°56'09
asc. node	-2404 Dec 01 j 09:04	8°♐56'10	
retrograde	-2404 Dec 03 j 08:40	9°♐17'58	
evening set	-2404 Dec 06 j 11:46	8°♐21'38	
inferior conj	-2404 Dec 12 j 06:44	2°♐34'21	3°09'51
minimum elong	-2404 Dec 12 j 03:44	2°♐43'38	3°09'03
min. Earth dist.	-2404 Dec 13 j 20:57	0°♐36'13	0.65413 AU
	-2404 Dec 14 j 08:56	30°℞♏	
morning rise	-2404 Dec 17 j 18:44	26°♏24'40	
direct	-2404 Dec 24 j 08:04	23°♏35'25	
	-2403 Jan 05 j 02:53	0°♐	
morning max el	-2403 Jan 06 j 07:36	1°♐09'49	26°43'31
desc. node	-2403 Jan 11 j 17:30	7°♐09'04	
	-2403 Jan 27 j 22:49	0°♑	
morning set	-2403 Feb 11 j 04:41	24°♑50'49	
	-2403 Feb 13 j 20:40	0°♒	
max. Earth dist.	-2403 Feb 15 j 13:29	3°♒22'10	1.34635 AU
superior conj	-2403 Feb 19 j 18:28	11°♒56'28	-1°-12'-21
minimum elong	-2403 Feb 19 j 21:33	12°♒12'26	1°11'56
evening rise	-2403 Feb 27 j 08:22	27°♒47'10	
asc. node	-2403 Feb 27 j 08:25	27°♒47'27	
	-2403 Feb 28 j 10:10	0°♓	
evening max el	-2403 Mar 18 j 20:28	29°♓09'45	21°08'33
	-2403 Mar 19 j 18:18	0°♈	
retrograde	-2403 Mar 30 j 13:02	4°♈46'57	
evening set	-2403 Apr 01 j 22:29	4°♈33'41	
desc. node	-2403 Apr 09 j 16:34	1°♈26'06	
inferior conj	-2403 Apr 11 j 04:51	0°♈35'15	0°-25'-30
minimum elong	-2403 Apr 11 j 03:39	0°♈36'57	0°25'06
min. Earth dist.	-2403 Apr 11 j 19:32	0°♈14'30	0.55110 AU
	-2403 Apr 12 j 05:50	30°℞♓	
morning rise	-2403 Apr 20 j 08:16	26°♓29'47	
direct	-2403 Apr 23 j 11:57	26°♓08'10	
	-2403 May 03 j 14:56	0°♈	
morning max el	-2403 May 06 j 07:55	2°♈17'35	22°26'22
	-2403 May 24 j 19:12	0°♉	
asc. node	-2403 May 26 j 07:49	3°♉04'03	
morning set	-2403 May 28 j 02:40	6°♉44'41	
superior conj	-2403 Jun 04 j 09:03	22°♉08'07	1°22'14
minimum elong	-2403 Jun 04 j 06:26	21°♉54'20	1°21'56
max. Earth dist.	-2403 Jun 07 j 09:11	28°♉25'23	1.34329 AU

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2403 Jun 08 j 03:34	0°♊	
evening rise	-2403 Jun 12 j 07:22	8°♊19'58	
	-2403 Jun 24 j 08:41	0°♋	
desc. node	-2403 Jul 06 j 15:44	18°♋15'58	
	-2403 Jul 16 j 18:34	0°♌	
evening max el	-2403 Jul 16 j 22:36	0°♌09'46	27°09'44
retrograde	-2403 Jul 30 j 06:35	7°♌30'09	
evening set	-2403 Aug 06 j 05:35	4°♌44'00	
min. Earth dist.	-2403 Aug 10 j 01:01	1°♌02'08	0.64965 AU
	-2403 Aug 10 j 23:18	30°℞♋	
inferior conj	-2403 Aug 12 j 03:21	28°♋40'46	-3°-5'-36
minimum elong	-2403 Aug 12 j 07:22	28°♋29'27	3°04'21
morning rise	-2403 Aug 18 j 10:35	23°♋05'49	
direct	-2403 Aug 21 j 04:08	22°♋25'51	
asc. node	-2403 Aug 22 j 07:00	22°♋32'34	
morning max el	-2403 Aug 27 j 16:48	25°♋57'18	18°11'12
	-2403 Aug 31 j 03:01	0°♌	
morning set	-2403 Sep 15 j 00:18	23°♌36'44	
	-2403 Sep 18 j 20:46	0°♍	
superior conj	-2403 Sep 29 j 04:55	16°♍46'30	0°22'00
minimum elong	-2403 Sep 29 j 07:35	16°♍57'09	0°21'39
desc. node	-2403 Oct 02 j 15:09	22°♍13'03	
max. Earth dist.	-2403 Oct 02 j 18:12	22°♍25'09	1.44691 AU
	-2403 Oct 07 j 13:50	0°♎	
evening rise	-2403 Oct 15 j 19:49	12°♎51'26	
	-2403 Oct 26 j 22:55	0°♏	
greatest brilliancy	-2403 Nov 01 j 21:57	8°♏49'42	-0.6m
evening max el	-2403 Nov 09 j 19:15	18°♏51'36	19°45'04
retrograde	-2403 Nov 17 j 05:30	23°♏11'13	
asc. node	-2403 Nov 18 j 06:07	23°♏05'10	
evening set	-2403 Nov 20 j 16:19	22°♏01'36	
inferior conj	-2403 Nov 26 j 06:19	16°♏00'17	2°30'41
minimum elong	-2403 Nov 26 j 03:28	16°♏09'40	2°29'43
min. Earth dist.	-2403 Nov 27 j 06:59	14°♏39'16	0.66439 AU
morning rise	-2403 Dec 01 j 13:58	9°♏46'03	
direct	-2403 Dec 07 j 13:49	7°♏08'41	
morning max el	-2403 Dec 19 j 16:39	14°♏19'11	25°34'00
desc. node	-2403 Dec 29 j 14:32	26°♏01'33	
	-2402 Jan 01 j 12:59	0°♐	
	-2402 Jan 20 j 17:59	0°♑	
morning set	-2402 Jan 24 j 22:12	7°♑25'29	
max. Earth dist.	-2402 Jan 28 j 18:17	14°♑33'09	1.36221 AU
superior conj	-2402 Feb 03 j 11:24	25°♑41'21	-1°-33'-41
minimum elong	-2402 Feb 03 j 14:49	25°♑58'27	1°33'21
	-2402 Feb 05 j 14:48	0°♒	
evening rise	-2402 Feb 11 j 13:36	12°♒07'39	
asc. node	-2402 Feb 14 j 05:26	17°♒27'14	
	-2402 Feb 21 j 02:30	0°♓	
evening max el	-2402 Mar 01 j 06:13	10°♓40'24	19°54'28
retrograde	-2402 Mar 11 j 06:06	15°♓26'17	
evening set	-2402 Mar 13 j 11:36	15°♓13'07	
inferior conj	-2402 Mar 22 j 04:51	11°♓11'52	1°27'55
minimum elong	-2402 Mar 22 j 08:25	11°♓06'22	1°26'45
min. Earth dist.	-2402 Mar 24 j 09:37	9°♓51'03	0.55747 AU
desc. node	-2402 Mar 27 j 13:37	8°♓05'13	
morning rise	-2402 Mar 31 j 02:14	6°♓40'09	
direct	-2402 Apr 04 j 04:14	6°♓03'21	
morning max el	-2402 Apr 18 j 00:36	12°♓57'14	24°06'09
	-2402 May 01 j 02:17	0°♈	
morning set	-2402 May 12 j 14:37	21°♈45'08	
asc. node	-2402 May 13 j 04:51	23°♈00'05	
	-2402 May 16 j 11:20	0°♉	
superior conj	-2402 May 19 j 16:51	6°♉59'01	1°03'26
minimum elong	-2402 May 19 j 14:28	6°♉46'10	1°03'04
max. Earth dist.	-2402 May 21 j 12:50	10°♉55'12	1.33356 AU
evening rise	-2402 May 27 j 03:28	22°♉36'05	
	-2402 May 30 j 21:51	0°♊	
	-2402 Jun 18 j 03:38	0°♋	
desc. node	-2402 Jun 23 j 12:46	6°♋55'28	
evening max el	-2402 Jun 29 j 08:51	13°♋13'55	27°25'12
retrograde	-2402 Jul 13 j 01:16	20°♋35'47	
evening set	-2402 Jul 20 j 05:34	17°♋57'31	
min. Earth dist.	-2402 Jul 23 j 20:04	14°♋49'11	0.63427 AU
inferior conj	-2402 Jul 26 j 12:08	12°♋06'59	-3°-47'-48
minimum elong	-2402 Jul 26 j 16:12	11°♋56'39	3°46'53
morning rise	-2402 Aug 02 j 04:55	6°♋50'12	
direct	-2402 Aug 04 j 18:25	6°♋18'23	
asc. node	-2402 Aug 09 j 04:05	7°♋52'42	
morning max el	-2402 Aug 11 j 08:03	9°♋43'06	17°56'02
	-2402 Aug 24 j 20:42	0°♌	
morning set	-2402 Aug 28 j 01:28	5°♌34'52	
superior conj	-2402 Sep 09 j 05:59	26°♌24'23	1°03'19
minimum elong	-2402 Sep 09 j 11:27	26°♌47'01	1°02'42
	-2402 Sep 11 j 10:19	0°♍	
max. Earth dist.	-2402 Sep 15 j 10:22	6°♍29'30	1.43777 AU
desc. node	-2402 Sep 19 j 12:10	12°♍58'42	
evening rise	-2402 Sep 25 j 01:52	21°♍40'39	
	-2402 Sep 30 j 12:13	0°♎	
greatest brilliancy	-2402 Oct 18 j 02:12	25°♎27'19	-0.5m
	-2402 Oct 21 j 18:09	0°♏	
evening max el	-2402 Oct 23 j 20:43	2°♏18'32	20°48'04
retrograde	-2402 Nov 01 j 02:54	7°♏11'51	
evening set	-2402 Nov 04 j 23:31	5°♏46'38	
asc. node	-2402 Nov 05 j 03:10	5°♏39'45	
inferior conj	-2402 Nov 10 j 10:17	29°♎34'46	1°45'01
minimum elong	-2402 Nov 10 j 08:04	29°♎42'20	1°44'08
	-2402 Nov 10 j 02:53	30°℞♎	
min. Earth dist.	-2402 Nov 10 j 23:01	28°♎51'19	0.67109 AU
morning rise	-2402 Nov 15 j 16:12	23°♎18'20	
direct	-2402 Nov 21 j 00:45	20°♎59'40	
morning max el	-2402 Dec 02 j 01:20	27°♎34'08	24°10'49
	-2402 Dec 04 j 08:20	0°♏	
desc. node	-2402 Dec 16 j 11:34	15°♏32'08	
	-2402 Dec 26 j 05:42	0°♐	
morning set	-2401 Jan 06 j 18:18	18°♐52'50	
max. Earth dist.	-2401 Jan 10 j 15:01	25°♐40'55	1.38166 AU
	-2401 Jan 13 j 00:09	0°♑	
superior conj	-2401 Jan 17 j 16:37	8°♑46'53	-1°-49'-47
minimum elong	-2401 Jan 17 j 19:22	9°♑00'02	1°49'40
evening rise	-2401 Jan 26 j 12:27	26°♑03'05	
	-2401 Jan 28 j 12:52	0°♒	
asc. node	-2401 Feb 01 j 02:28	6°♒45'35	
evening max el	-2401 Feb 12 j 02:24	22°♒47'19	18°59'10
retrograde	-2401 Feb 20 j 13:44	26°♒51'40	
evening set	-2401 Feb 22 j 21:43	26°♒34'25	
inferior conj	-2401 Mar 02 j 21:29	22°♒18'22	2°53'03
minimum elong	-2401 Mar 03 j 02:09	22°♒10'04	2°51'54
min. Earth dist.	-2401 Mar 06 j 01:24	20°♒04'58	0.57177 AU
morning rise	-2401 Mar 11 j 02:37	17°♒15'02	
desc. node	-2401 Mar 14 j 10:41	16°♒17'51	
direct	-2401 Mar 16 j 09:14	16°♒08'47	
morning max el	-2401 Mar 30 j 15:42	23°♒31'53	25°40'38
	-2401 Apr 05 j 11:31	0°♓	
	-2401 Apr 23 j 19:27	0°♈	
morning set	-2401 Apr 27 j 02:34	6°♈45'49	
asc. node	-2401 Apr 30 j 01:54	13°♈06'18	
superior conj	-2401 May 04 j 03:32	21°♈58'04	0°41'36
minimum elong	-2401 May 04 j 01:48	21°♈48'38	0°41'18

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2401 May 04 j 22:52	23°♈43'32	1.32744 AU
	-2401 May 07 j 20:28	0°♉	
evening rise	-2401 May 11 j 06:58	7°♉14'15	
	-2401 May 23 j 10:05	0°♊	
desc. node	-2401 Jun 10 j 09:49	24°♊32'20	
evening max el	-2401 Jun 11 j 15:19	25°♊44'54	27°08'56
	-2401 Jun 16 j 20:18	0°♋	
retrograde	-2401 Jun 25 j 13:30	3°♋05'26	
evening set	-2401 Jul 02 j 13:56	0°♋49'23	
	-2401 Jul 03 j 18:54	30°℞♊	
min. Earth dist.	-2401 Jul 06 j 05:05	28°♊03'42	0.61562 AU
inferior conj	-2401 Jul 09 j 08:51	25°♊14'02	-4°-18'-17
minimum elong	-2401 Jul 09 j 11:42	25°♊07'39	4°17'55
morning rise	-2401 Jul 16 j 12:17	20°♊18'07	
direct	-2401 Jul 18 j 23:51	19°♊52'11	
morning max el	-2401 Jul 25 j 22:07	23°♊19'26	17°59'19
asc. node	-2401 Jul 27 j 01:11	24°♊29'46	
	-2401 Jul 31 j 05:32	0°♋	
morning set	-2401 Aug 10 j 21:57	18°♋28'29	
	-2401 Aug 17 j 06:11	0°♌	
superior conj	-2401 Aug 21 j 10:41	7°♌24'13	1°30'59
minimum elong	-2401 Aug 21 j 15:07	7°♌43'31	1°30'40
max. Earth dist.	-2401 Aug 28 j 21:14	20°♌01'44	1.42293 AU
evening rise	-2401 Sep 04 j 11:57	0°♍43'12	
	-2401 Sep 04 j 01:03	0°♍	
desc. node	-2401 Sep 06 j 09:10	3°♍41'09	
	-2401 Sep 24 j 02:09	0°♎	
greatest brilliancy	-2401 Oct 01 j 21:42	10°♎20'47	-0.4m
evening max el	-2401 Oct 06 j 16:09	15°♎45'01	22°01'58
retrograde	-2401 Oct 15 j 22:58	21°♎16'17	
evening set	-2401 Oct 20 j 07:30	19°♎33'25	
asc. node	-2401 Oct 23 j 00:16	16°♎48'01	
inferior conj	-2401 Oct 25 j 16:35	13°♎14'43	0°54'49
minimum elong	-2401 Oct 25 j 15:20	13°♎19'01	0°54'16
min. Earth dist.	-2401 Oct 25 j 18:36	13°♎07'44	0.67454 AU
morning rise	-2401 Oct 30 j 22:59	6°♎58'44	
direct	-2401 Nov 04 j 16:18	5°♎01'49	
morning max el	-2401 Nov 14 j 11:46	10°♎52'13	22°43'42
greatest brilliancy	-2401 Nov 19 j 04:55	16°♎09'43	-0.3m
	-2401 Nov 29 j 13:41	0°♏	
desc. node	-2401 Dec 03 j 08:36	5°♏29'19	
morning set	-2401 Dec 18 j 10:58	28°♏57'55	
	-2401 Dec 19 j 02:04	0°♐	
max. Earth dist.	-2401 Dec 23 j 10:55	7°♐19'37	1.40260 AU
superior conj	-2401 Dec 31 j 05:31	21°♐00'58	-1°-57'-35
minimum elong	-2401 Dec 31 j 06:04	21°♐03'27	1°57'39
	-2400 Jan 05 j 02:15	0°♑	
evening rise	-2400 Jan 10 j 01:57	9°♑25'55	
asc. node	-2400 Jan 18 j 23:30	25°♑35'07	
	-2400 Jan 21 j 19:59	0°♒	
evening max el	-2400 Jan 26 j 06:57	5°♒25'09	18°23'57
retrograde	-2400 Feb 02 j 15:52	9°♒03'11	
evening set	-2400 Feb 05 j 03:36	8°♒39'32	
inferior conj	-2400 Feb 12 j 10:50	4°♒03'02	3°41'21
minimum elong	-2400 Feb 12 j 13:38	3°♒57'15	3°40'56
min. Earth dist.	-2400 Feb 15 j 20:44	1°♒15'30	0.59093 AU
	-2400 Feb 17 j 13:23	30°℞♑	
morning rise	-2400 Feb 19 j 20:07	28°♑34'31	
direct	-2400 Feb 26 j 03:38	26°♑49'44	
desc. node	-2400 Feb 29 j 07:45	27°♑15'24	
	-2400 Mar 06 j 01:22	0°♒	
morning max el	-2400 Mar 11 j 10:28	4°♒28'00	26°54'40
	-2400 Mar 30 j 03:48	0°♓	
morning set	-2400 Apr 10 j 12:49	21°♓40'35	
	-2400 Apr 14 j 10:34	0°♈	
asc. node	-2400 Apr 15 j 22:57	3°♈18'04	
superior conj	-2400 Apr 17 j 15:19	6°♈58'58	0°17'38
minimum elong	-2400 Apr 17 j 14:32	6°♈54'41	0°17'29
max. Earth dist.	-2400 Apr 17 j 11:53	6°♈40'10	1.32482 AU
evening rise	-2400 Apr 24 j 15:16	22°♈05'45	
	-2400 Apr 28 j 12:23	0°♉	
	-2400 May 16 j 21:24	0°♊	
evening max el	-2400 May 23 j 16:04	7°♊34'39	26°20'12
desc. node	-2400 May 27 j 06:51	10°♊40'39	
retrograde	-2400 Jun 06 j 17:43	14°♊51'27	
evening set	-2400 Jun 13 j 02:23	13°♊10'13	
min. Earth dist.	-2400 Jun 17 j 05:11	10°♊30'44	0.59517 AU
inferior conj	-2400 Jun 20 j 13:57	7°♊53'19	-4°-29'-33
minimum elong	-2400 Jun 20 j 13:53	7°♊53'26	4°29'31
morning rise	-2400 Jun 28 j 04:57	3°♊19'34	
direct	-2400 Jun 30 j 16:17	2°♊57'51	
morning max el	-2400 Jul 08 j 08:00	6°♊38'22	18°22'09
asc. node	-2400 Jul 12 j 22:17	12°♊08'28	
	-2400 Jul 23 j 06:25	0°♋	
morning set	-2400 Jul 24 j 08:40	2°♋04'53	
superior conj	-2400 Aug 02 j 15:53	19°♋37'42	1°45'13
minimum elong	-2400 Aug 02 j 17:52	19°♋46'48	1°45'12
	-2400 Aug 08 j 10:45	0°♌	
max. Earth dist.	-2400 Aug 10 j 02:37	2°♌52'51	1.40444 AU
evening rise	-2400 Aug 14 j 18:35	10°♌44'58	
desc. node	-2400 Aug 23 j 06:11	24°♌17'10	
	-2400 Aug 27 j 00:29	0°♍	
evening max el	-2400 Sep 18 j 06:39	29°♍13'24	23°21'48
	-2400 Sep 19 j 01:39	0°♎	
retrograde	-2400 Sep 28 j 16:08	5°♎22'15	
evening set	-2400 Oct 03 j 14:30	3°♎20'23	
	-2400 Oct 06 j 17:13	30°℞♍	
inferior conj	-2400 Oct 08 j 23:24	26°♍58'39	0°01'46
minimum elong	-2400 Oct 08 j 23:22	26°♍58'47	0°01'45
transit middle	-2400 Oct 08 j 23:22	26°♍58'47	0°01'45
transit begin	-2400 Oct 08 j 20:40	27°♍08'01	
transit end	-2400 Oct 09 j 02:03	26°♍49'34	
min. Earth dist.	-2400 Oct 08 j 15:12	27°♍26'48	0.67498 AU
asc. node	-2400 Oct 08 j 21:22	27°♍05'39	
morning rise	-2400 Oct 14 j 08:16	20°♍46'04	
direct	-2400 Oct 18 j 11:28	19°♍10'51	
morning max el	-2400 Oct 27 j 03:18	24°♍16'46	21°21'02
	-2400 Nov 01 j 02:48	0°♎	
greatest brilliancy	-2400 Nov 01 j 09:46	0°♎21'57	-0.4m
desc. node	-2400 Nov 19 j 05:38	25°♎45'27	
	-2400 Nov 22 j 00:18	0°♏	
morning set	-2400 Nov 26 j 23:28	7°♏43'27	
max. Earth dist.	-2400 Dec 04 j 12:49	19°♏52'10	1.42219 AU
	-2400 Dec 10 j 14:08	0°♐	
superior conj	-2400 Dec 11 j 20:32	2°♐10'09	-1°-53'-10
minimum elong	-2400 Dec 11 j 17:15	1°♐56'04	1°53'06
evening rise	-2400 Dec 23 j 02:32	22°♐08'26	
	-2400 Dec 27 j 11:00	0°♑	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2400 Apr 17 j 15:19	6°♈58'58	0°17'38
minimum elong	-2400 Apr 17 j 14:32	6°♈54'41	0°17'29
max. Earth dist.	-2400 Apr 17 j 11:53	6°♈40'10	1.32482 AU
evening rise	-2400 Apr 24 j 15:16	22°♈05'45	
	-2400 Apr 28 j 12:23	0°♉	
	-2400 May 16 j 21:24	0°♊	
evening max el	-2400 May 23 j 16:04	7°♊34'39	26°20'12
desc. node	-2400 May 27 j 06:51	10°♊40'39	
retrograde	-2400 Jun 06 j 17:43	14°♊51'27	
evening set	-2400 Jun 13 j 02:23	13°♊10'13	
min. Earth dist.	-2400 Jun 17 j 05:11	10°♊30'44	0.59517 AU
inferior conj	-2400 Jun 20 j 13:57	7°♊53'19	-4°-29'-33
minimum elong	-2400 Jun 20 j 13:53	7°♊53'26	4°29'31
morning rise	-2400 Jun 28 j 04:57	3°♊19'34	
direct	-2400 Jun 30 j 16:17	2°♊57'51	
morning max el	-2400 Jul 08 j 08:00	6°♊38'22	18°22'09
asc. node	-2400 Jul 12 j 22:17	12°♊08'28	
	-2400 Jul 23 j 06:25	0°♋	
morning set	-2400 Jul 24 j 08:40	2°♋04'53	
superior conj	-2400 Aug 02 j 15:53	19°♋37'42	1°45'13
minimum elong	-2400 Aug 02 j 17:52	19°♋46'48	1°45'12
	-2400 Aug 08 j 10:45	0°♌	
max. Earth dist.	-2400 Aug 10 j 02:37	2°♌52'51	1.40444 AU
evening rise	-2400 Aug 14 j 18:35	10°♌44'58	
desc. node	-2400 Aug 23 j 06:11	24°♌17'10	
	-2400 Aug 27 j 00:29	0°♍	
evening max el	-2400 Sep 18 j 06:39	29°♍13'24	23°21'48
	-2400 Sep 19 j 01:39	0°♎	
retrograde	-2400 Sep 28 j 16:08	5°♎22'15	
evening set	-2400 Oct 03 j 14:30	3°♎20'23	
	-2400 Oct 06 j 17:13	30°℞♍	
inferior conj	-2400 Oct 08 j 23:24	26°♍58'39	0°01'46
minimum elong	-2400 Oct 08 j 23:22	26°♍58'47	0°01'45
transit middle	-2400 Oct 08 j 23:22	26°♍58'47	0°01'45
transit begin	-2400 Oct 08 j 20:40	27°♍08'01	
transit end	-2400 Oct 09 j 02:03	26°♍49'34	
min. Earth dist.	-2400 Oct 08 j 15:12	27°♍26'48	0.67498 AU
asc. node	-2400 Oct 08 j 21:22	27°♍05'39	
morning rise	-2400 Oct 14 j 08:16	20°♍46'04	
direct	-2400 Oct 18 j 11:28	19°♍10'51	
morning max el	-2400 Oct 27 j 03:18	24°♍16'46	21°21'02
	-2400 Nov 01 j 02:48	0°♎	
greatest brilliancy	-2400 Nov 01 j 09:46	0°♎21'57	-0.4m
desc. node	-2400 Nov 19 j 05:38	25°♎45'27	
	-2400 Nov 22 j 00:18	0°♏	
morning set	-2400 Nov 26 j 23:28	7°♏43'27	
max. Earth dist.	-2400 Dec 04 j 12:49	19°♏52'10	1.42219 AU
	-2400 Dec 10 j 14:08	0°♐	
superior conj	-2400 Dec 11 j 20:32	2°♐10'09	-1°-53'-10
minimum elong	-2400 Dec 11 j 17:15	1°♐56'04	1°53'06
evening rise	-2400 Dec 23 j 02:32	22°♐08'26	
	-2400 Dec 27 j 11:00	0°♑	
asc. node	-2399 Jan 04 j 20:33	13°♑46'48	
evening max el	-2399 Jan 08 j 16:54	18°♑25'17	18°08'38
retrograde	-2399 Jan 15 j 10:39	21°♑52'24	
evening set	-2399 Jan 18 j 01:50	21°♑21'07	
inferior conj	-2399 Jan 24 j 19:22	16°♑22'29	3°57'56
minimum elong	-2399 Jan 24 j 19:35	16°♑21'59	3°57'52
min. Earth dist.	-2399 Jan 27 j 22:21	13°♑25'25	0.61146 AU
morning rise	-2399 Jan 31 j 10:45	10°♑36'47	
direct	-2399 Feb 07 j 08:33	8°♑16'47	
desc. node	-2399 Feb 15 j 04:50	10°♑54'38	
morning max el	-2399 Feb 21 j 11:17	16°♑01'45	27°36'48
	-2399 Mar 04 j 22:56	0°♒	
	-2399 Mar 22 j 15:27	0°♓	
morning set	-2399 Mar 25 j 19:24	6°♓22'00	
max. Earth dist.	-2399 Apr 01 j 00:06	19°♓31'23	1.32579 AU
superior conj	-2399 Apr 02 j 02:27	21°♓54'57	0°-7'-41
minimum elong	-2399 Apr 02 j 02:48	21°♓56'51	0°07'38
behind sun begin	-2399 Apr 01 j 22:20	21°♓32'29	
behind sun end	-2399 Apr 02 j 07:16	22°♓21'14	
asc. node	-2399 Apr 02 j 19:58	23°♓30'35	
	-2399 Apr 05 j 19:23	0°♈	
evening rise	-2399 Apr 09 j 02:13	7°♈02'20	
	-2399 Apr 21 j 05:04	0°♉	
evening max el	-2399 May 05 j 10:33	18°♉42'29	25°03'55
desc. node	-2399 May 14 j 03:54	24°♉45'11	
retrograde	-2399 May 19 j 11:14	25°♉50'16	
evening set	-2399 May 24 j 16:21	24°♉47'46	
min. Earth dist.	-2399 May 29 j 22:34	21°♉57'44	0.57550 AU
inferior conj	-2399 Jun 01 j 23:55	19°♉54'01	-4°-11'00
minimum elong	-2399 Jun 01 j 19:52	20°♉00'54	4°10'26
morning rise	-2399 Jun 10 j 03:21	15°♉41'22	
direct	-2399 Jun 12 j 15:36	15°♉22'46	
morning max el	-2399 Jun 21 j 10:41	19°♉29'23	19°05'27
	-2399 Jun 29 j 11:07	0°♊	
asc. node	-2399 Jun 29 j 19:20	0°♊33'55	
morning set	-2399 Jul 08 j 05:28	16°♊12'26	
	-2399 Jul 15 j 05:07	0°♋	
superior conj	-2399 Jul 16 j 15:45	2°♋47'50	1°48'25
minimum elong	-2399 Jul 16 j 15:29	2°♋46'33	1°48'28
max. Earth dist.	-2399 Jul 23 j 05:08	15°♋04'14	1.38467 AU
evening rise	-2399 Jul 27 j 02:53	22°♋00'23	
	-2399 Jul 31 j 19:55	0°♌	
desc. node	-2399 Aug 10 j 03:12	14°♌41'44	
	-2399 Aug 20 j 22:28	0°♍	
evening max el	-2399 Aug 31 j 18:21	12°♍44'57	24°41'12
retrograde	-2399 Sep 12 j 05:26	19°♍26'09	
evening set	-2399 Sep 17 j 18:47	17°♍05'36	
min. Earth dist.	-2399 Sep 22 j 10:17	11°♍46'48	0.67230 AU
inferior conj	-2399 Sep 23 j 05:00	10°♍44'27	0°-52'-31
minimum elong	-2399 Sep 23 j 06:16	10°♍40'14	0°51'58
asc. node	-2399 Sep 25 j 18:27	7°♍28'49	
morning rise	-2399 Sep 28 j 18:06	4°♍38'26	
direct	-2399 Oct 02 j 08:58	3°♍22'59	
morning max el	-2399 Oct 10 j 02:08	7°♍50'50	20°08'49
greatest brilliancy	-2399 Oct 17 j 03:15	16°♍27'46	-0.6m
	-2399 Oct 26 j 11:18	0°♎	
morning set	-2399 Nov 05 j 21:05	15°♎53'27	
desc. node	-2399 Nov 06 j 02:39	16°♎15'01	
	-2399 Nov 14 j 21:13	0°♏	
max. Earth dist.	-2399 Nov 16 j 22:50	3°♏17'46	1.43759 AU
superior conj	-2399 Nov 22 j 08:54	12°♏03'55	-1°-32'-36
minimum elong	-2399 Nov 22 j 01:53	11°♏35'14	1°32'02
	-2399 Dec 03 j 01:32	0°♐	
evening rise	-2399 Dec 05 j 09:58	4°♐02'39	
	-2399 Dec 21 j 16:57	0°♑	
asc. node	-2399 Dec 22 j 17:35	1°♑09'22	
evening max el	-2399 Dec 23 j 05:19	1°♑39'52	18°12'40
retrograde	-2399 Dec 29 j 17:49	5°♑09'08	
evening set	-2398 Jan 01 j 12:38	4°♑29'17	
	-2398 Jan 07 j 00:33	30°℞♐	
inferior conj	-2398 Jan 07 j 19:26	29°♐09'40	3°51'17
minimum elong	-2398 Jan 07 j 17:41	29°♐14'22	3°51'03
min. Earth dist.	-2398 Jan 10 j 09:01	26°♐24'56	0.63051 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning rise	-2398 Jan 13 j 20:59	23°♐11'57	
direct	-2398 Jan 20 j 21:47	20°♐29'08	
desc. node	-2398 Feb 02 j 01:53	26°♐41'38	
morning max el	-2398 Feb 03 j 17:41	28°♐16'09	27°42'29
	-2398 Feb 05 j 10:10	0°♑	
	-2398 Feb 26 j 16:45	0°♒	
morning set	-2398 Mar 09 j 20:08	20°♒42'45	
	-2398 Mar 14 j 08:16	0°♓	
max. Earth dist.	-2398 Mar 15 j 07:44	2°♓04'18	1.33051 AU
superior conj	-2398 Mar 17 j 11:17	6°♓40'20	0°-33'-27
minimum elong	-2398 Mar 17 j 12:49	6°♓48'37	0°33'10
asc. node	-2398 Mar 20 j 16:59	13°♓40'05	
evening rise	-2398 Mar 24 j 13:58	21°♓57'29	
	-2398 Mar 28 j 12:08	0°♈	
evening max el	-2398 Apr 17 j 01:51	29°♈24'10	23°31'40
	-2398 Apr 17 j 17:05	0°♉	
retrograde	-2398 Apr 30 j 16:20	6°♉10'56	
desc. node	-2398 May 01 j 00:56	6°♉10'39	
evening set	-2398 May 04 j 12:19	5°♉38'39	
min. Earth dist.	-2398 May 11 j 12:33	2°♉24'45	0.55993 AU
inferior conj	-2398 May 13 j 13:48	1°♉11'15	-3°-12'-11
minimum elong	-2398 May 13 j 07:20	1°♉20'57	3°10'32
	-2398 May 15 j 14:22	30°℞♈	
morning rise	-2398 May 22 j 05:51	27°♈13'32	
direct	-2398 May 24 j 19:51	26°♈56'54	
	-2398 Jun 02 j 01:58	0°♉	
morning max el	-2398 Jun 04 j 03:43	1°♉44'00	20°09'26
asc. node	-2398 Jun 16 j 16:22	19°♉35'06	
morning set	-2398 Jun 22 j 09:17	0°♊42'59	
	-2398 Jun 22 j 00:47	0°♊	
superior conj	-2398 Jun 30 j 05:07	16°♊40'09	1°43'04
minimum elong	-2398 Jun 30 j 03:21	16°♊31'15	1°43'01
max. Earth dist.	-2398 Jul 05 j 09:55	26°♊53'09	1.36609 AU
	-2398 Jul 07 j 01:19	0°♋	
evening rise	-2398 Jul 09 j 10:12	4°♋23'39	
	-2398 Jul 24 j 18:21	0°♌	
desc. node	-2398 Jul 28 j 00:13	4°♌49'03	
evening max el	-2398 Aug 14 j 05:19	26°♌18'16	25°52'38
	-2398 Aug 18 j 11:15	0°♍	
retrograde	-2398 Aug 26 j 14:12	3°♍23'07	
evening set	-2398 Sep 01 j 18:26	0°♍46'46	
	-2398 Sep 02 j 14:56	30°℞♌	
min. Earth dist.	-2398 Sep 06 j 01:28	26°♌05'14	0.66630 AU
inferior conj	-2398 Sep 07 j 07:35	24°♌29'47	-1°-46'-25
minimum elong	-2398 Sep 07 j 10:08	24°♌21'42	1°45'23
asc. node	-2398 Sep 12 j 15:31	18°♌51'30	
morning rise	-2398 Sep 13 j 02:34	18°♌33'26	
direct	-2398 Sep 16 j 07:13	17°♌34'36	
morning max el	-2398 Sep 23 j 08:13	21°♌33'41	19°10'31
	-2398 Sep 30 j 01:54	0°♍	
morning set	-2398 Oct 16 j 03:39	24°♍36'34	
	-2398 Oct 19 j 14:12	0°♎	
desc. node	-2398 Oct 23 j 23:40	6°♎53'20	
max. Earth dist.	-2398 Oct 30 j 14:36	17°♎18'16	1.44685 AU
superior conj	-2398 Nov 01 j 19:47	20°♎48'30	0°-54'-49
minimum elong	-2398 Nov 01 j 13:14	20°♎22'36	0°54'04
	-2398 Nov 07 j 14:11	0°♏	
evening rise	-2398 Nov 16 j 19:45	14°♏59'36	
	-2398 Nov 25 j 23:51	0°♐	
evening max el	-2398 Dec 06 j 17:25	15°♐01'50	18°35'11
asc. node	-2398 Dec 09 j 14:38	17°♐28'19	
retrograde	-2398 Dec 13 j 08:58	18°♐43'57	
evening set	-2398 Dec 16 j 08:30	17°♐54'15	
inferior conj	-2398 Dec 22 j 07:08	12°♐16'06	3°28'24
minimum elong	-2398 Dec 22 j 04:21	12°♐24'20	3°27'48
min. Earth dist.	-2398 Dec 24 j 05:41	9°♐58'28	0.64654 AU
morning rise	-2398 Dec 27 j 23:00	6°♐09'47	
direct	-2397 Jan 03 j 18:09	3°♐18'57	
morning max el	-2397 Jan 17 j 03:04	11°♐01'34	27°13'28
desc. node	-2397 Jan 19 j 22:56	14°♐00'32	
	-2397 Feb 01 j 05:38	0°♑	
	-2397 Feb 19 j 03:13	0°♒	
morning set	-2397 Feb 21 j 12:03	4°♒32'18	
max. Earth dist.	-2397 Feb 26 j 06:37	14°♒05'11	1.33931 AU
superior conj	-2397 Mar 01 j 15:52	21°♒07'55	0°-58'-39
minimum elong	-2397 Mar 01 j 18:29	21°♒21'39	0°58'14
	-2397 Mar 05 j 20:10	0°♓	
asc. node	-2397 Mar 07 j 13:59	3°♓41'36	
evening rise	-2397 Mar 09 j 00:40	6°♓43'48	
	-2397 Mar 21 j 15:59	0°♈	
evening max el	-2397 Mar 29 j 20:24	10°♈07'34	21°58'05
retrograde	-2397 Apr 11 j 10:12	16°♈14'51	
evening set	-2397 Apr 14 j 03:40	15°♈58'16	
desc. node	-2397 Apr 17 j 21:58	14°♈46'30	
min. Earth dist.	-2397 Apr 23 j 02:04	12°♈07'25	0.55164 AU
inferior conj	-2397 Apr 23 j 12:24	11°♈52'53	-1°-33'-9
minimum elong	-2397 Apr 23 j 08:10	11°♈58'50	1°31'44
morning rise	-2397 May 02 j 13:58	7°♈55'34	
direct	-2397 May 05 j 09:35	7°♈37'52	
morning max el	-2397 May 17 j 09:53	13°♈17'02	21°32'18
	-2397 May 29 j 17:18	0°♉	
asc. node	-2397 Jun 03 j 13:24	9°♉03'03	
morning set	-2397 Jun 06 j 17:45	15°♉29'53	
	-2397 Jun 13 j 15:56	0°♊	
superior conj	-2397 Jun 14 j 03:58	1°♊02'38	1°31'17
minimum elong	-2397 Jun 14 j 01:28	0°♊49'39	1°31'04
max. Earth dist.	-2397 Jun 17 j 22:18	8°♊45'36	1.35046 AU
evening rise	-2397 Jun 22 j 11:28	17°♊41'41	
	-2397 Jun 29 j 04:55	0°♋	
desc. node	-2397 Jul 14 j 21:13	24°♋31'28	
	-2397 Jul 19 j 00:21	0°♌	
evening max el	-2397 Jul 27 j 16:41	9°♌48'31	26°48'07
retrograde	-2397 Aug 09 j 18:04	17°♌06'45	
evening set	-2397 Aug 16 j 11:16	14°♌21'14	
min. Earth dist.	-2397 Aug 20 j 10:30	10°♌17'59	0.65671 AU
inferior conj	-2397 Aug 22 j 05:12	8°♌11'49	-2°-37'-58
minimum elong	-2397 Aug 22 j 08:49	8°♌01'08	2°36'42
morning rise	-2397 Aug 28 j 07:34	2°♌28'14	
asc. node	-2397 Aug 30 j 12:35	1°♌44'54	
direct	-2397 Aug 31 j 04:23	1°♌42'29	
morning max el	-2397 Sep 06 j 19:48	5°♌21'52	18°28'03
	-2397 Sep 23 j 15:37	0°♍	
morning set	-2397 Sep 26 j 11:36	4°♍36'04	
desc. node	-2397 Oct 10 j 20:41	27°♍37'10	
superior conj	-2397 Oct 11 j 19:37	29°♍07'42	0°-6'-9
minimum elong	-2397 Oct 11 j 18:48	29°♍04'29	0°06'04
behind sun begin	-2397 Oct 11 j 08:14	28°♍22'47	
behind sun end	-2397 Oct 12 j 05:23	29°♍46'11	
	-2397 Oct 12 j 08:53	0°♎	
max. Earth dist.	-2397 Oct 13 j 08:40	1°♎33'40	1.44894 AU
evening rise	-2397 Oct 28 j 05:10	24°♎55'04	
	-2397 Oct 31 j 10:32	0°♏	
greatest brilliancy	-2397 Nov 09 j 18:43	14°♏33'59	-0.7m
evening max el	-2397 Nov 20 j 02:52	28°♏27'53	19°14'59
	-2397 Nov 21 j 17:40	0°♐	
asc. node	-2397 Nov 26 j 11:41	2°♐28'56	
retrograde	-2397 Nov 27 j 04:34	2°♐31'44	
evening set	-2397 Nov 30 j 10:35	1°♐30'13	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2397 Dec 02 j 08:01	30°℞♏	
inferior conj	-2397 Dec 06 j 03:14	25°♏36'33	2°54'13
minimum elong	-2397 Dec 06 j 00:13	25°♏46'08	2°53'18
min. Earth dist.	-2397 Dec 07 j 11:32	23°♏53'41	0.65896 AU
morning rise	-2397 Dec 11 j 13:00	19°♏24'21	
direct	-2397 Dec 17 j 20:53	16°♏38'51	
morning max el	-2397 Dec 30 j 12:40	24°♏05'31	26°16'08
	-2396 Jan 04 j 20:48	0°♐	
desc. node	-2396 Jan 06 j 20:00	2°♐24'52	
	-2396 Jan 25 j 14:54	0°♑	
morning set	-2396 Feb 04 j 15:14	17°♑38'51	
max. Earth dist.	-2396 Feb 08 j 17:48	25°♑30'06	1.35258 AU
	-2396 Feb 11 j 00:24	0°♒	
superior conj	-2396 Feb 13 j 13:54	5°♒10'53	-1°-21'-54
minimum elong	-2396 Feb 13 j 17:13	5°♒27'50	1°21'30
evening rise	-2396 Feb 21 j 08:31	21°♒15'26	
asc. node	-2396 Feb 22 j 11:00	23°♒30'45	
	-2396 Feb 25 j 17:23	0°♓	
evening max el	-2396 Mar 11 j 00:01	21°♓18'03	20°34'52
retrograde	-2396 Mar 21 j 23:44	26°♓32'59	
evening set	-2396 Mar 24 j 05:55	26°♓20'35	
inferior conj	-2396 Apr 02 j 07:48	22°♓23'07	0°24'41
minimum elong	-2396 Apr 02 j 08:55	22°♓21'29	0°24'18
min. Earth dist.	-2396 Apr 03 j 16:11	21°♓36'08	0.55267 AU
desc. node	-2396 Apr 03 j 19:02	21°♓32'03	
morning rise	-2396 Apr 11 j 10:04	18°♓07'30	
direct	-2396 Apr 14 j 21:47	17°♓41'02	
morning max el	-2396 Apr 28 j 06:22	24°♓11'54	23°08'34
	-2396 May 03 j 12:29	0°♈	
asc. node	-2396 May 20 j 10:25	28°♈50'27	
	-2396 May 20 j 23:48	0°♉	
morning set	-2396 May 21 j 04:55	0°♉26'48	
superior conj	-2396 May 28 j 09:11	15°♉45'25	1°14'41
minimum elong	-2396 May 28 j 06:37	15°♉31'41	1°14'21
max. Earth dist.	-2396 May 30 j 20:36	21°♉00'03	1.33862 AU
	-2396 Jun 04 j 05:44	0°♊	
evening rise	-2396 Jun 05 j 01:52	1°♊40'15	
	-2396 Jun 21 j 03:03	0°♋	
desc. node	-2396 Jun 30 j 18:14	13°♋38'00	
evening max el	-2396 Jul 09 j 03:59	23°♋06'03	27°20'08
	-2396 Jul 19 j 13:45	0°♌	
retrograde	-2396 Jul 22 j 16:26	0°♌28'20	
	-2396 Jul 25 j 15:51	30°℞♋	
evening set	-2396 Jul 29 j 18:23	27°♋43'56	
min. Earth dist.	-2396 Aug 02 j 11:16	24°♋17'04	0.64344 AU
inferior conj	-2396 Aug 04 j 19:28	21°♋45'29	-3°-24'-37
minimum elong	-2396 Aug 04 j 23:38	21°♋34'15	3°23'29
morning rise	-2396 Aug 11 j 06:36	16°♋17'47	
direct	-2396 Aug 13 j 22:03	15°♋41'44	
asc. node	-2396 Aug 16 j 09:39	16°♋13'37	
morning max el	-2396 Aug 20 j 10:27	19°♋09'43	18°02'34
	-2396 Aug 28 j 10:39	0°♌	
morning set	-2396 Sep 06 j 23:00	15°♌54'30	
	-2396 Sep 15 j 08:28	0°♍	
superior conj	-2396 Sep 20 j 06:40	8°♍03'08	0°40'59
minimum elong	-2396 Sep 20 j 11:06	8°♍21'04	0°40'26
max. Earth dist.	-2396 Sep 25 j 02:08	15°♍46'00	1.44379 AU
desc. node	-2396 Sep 26 j 17:41	18°♍22'46	
	-2396 Oct 04 j 03:52	0°♎	
evening rise	-2396 Oct 06 j 17:30	3°♎58'27	
	-2396 Oct 23 j 23:53	0°♏	
greatest brilliancy	-2396 Oct 26 j 12:09	3°♏31'32	-0.6m
evening max el	-2396 Nov 02 j 07:44	11°♏55'05	20°10'20
retrograde	-2396 Nov 10 j 01:51	16°♏28'13	
asc. node	-2396 Nov 12 j 08:45	15°♏58'01	
evening set	-2396 Nov 13 j 16:31	15°♏12'25	
inferior conj	-2396 Nov 19 j 04:59	9°♏06'26	2°12'01
minimum elong	-2396 Nov 19 j 02:21	9°♏15'16	2°11'03
min. Earth dist.	-2396 Nov 20 j 00:29	8°♏01'10	0.66770 AU
morning rise	-2396 Nov 24 j 11:35	2°♏50'55	
direct	-2396 Nov 30 j 05:09	0°♏20'34	
morning max el	-2396 Dec 11 j 21:15	7°♏17'13	24°59'36
desc. node	-2396 Dec 23 j 17:04	21°♏35'17	
	-2396 Dec 29 j 15:36	0°♐	
morning set	-2395 Jan 17 j 00:29	29°♐47'23	
	-2395 Jan 17 j 03:19	0°♑	
max. Earth dist.	-2395 Jan 20 j 18:04	6°♑34'05	1.37014 AU
superior conj	-2395 Jan 27 j 02:25	18°♑40'58	-1°-41'-19
minimum elong	-2395 Jan 27 j 05:43	18°♑57'08	1°41'04
	-2395 Feb 01 j 18:32	0°♒	
evening rise	-2395 Feb 04 j 11:23	5°♒26'18	
asc. node	-2395 Feb 08 j 08:02	13°♒02'23	
	-2395 Feb 18 j 18:39	0°♓	
evening max el	-2395 Feb 21 j 14:35	3°♓05'37	19°28'33
retrograde	-2395 Mar 02 j 21:39	7°♓31'31	
evening set	-2395 Mar 05 j 03:58	7°♓16'57	
inferior conj	-2395 Mar 13 j 13:58	3°♓10'52	2°08'26
minimum elong	-2395 Mar 13 j 18:31	3°♓03'29	2°07'05
min. Earth dist.	-2395 Mar 16 j 06:57	1°♓25'57	0.56277 AU
	-2395 Mar 18 j 17:10	30°℞♒	
desc. node	-2395 Mar 21 j 16:07	28°♒37'29	
morning rise	-2395 Mar 22 j 05:22	28°♒25'36	
direct	-2395 Mar 26 j 19:42	27°♒37'40	
	-2395 Apr 03 j 18:10	0°♓	
morning max el	-2395 Apr 09 j 21:31	4°♓46'01	24°47'49
	-2395 Apr 27 j 20:43	0°♈	
morning set	-2395 May 05 j 17:07	15°♈28'20	
asc. node	-2395 May 07 j 07:28	18°♈51'37	
	-2395 May 12 j 10:57	0°♉	
superior conj	-2395 May 12 j 18:29	0°♉40'55	0°54'30
minimum elong	-2395 May 12 j 16:20	0°♉29'15	0°54'08
max. Earth dist.	-2395 May 14 j 03:29	3°♉39'34	1.33055 AU
evening rise	-2395 May 20 j 01:33	16°♉07'37	
	-2395 May 27 j 05:39	0°♊	
	-2395 Jun 16 j 00:00	0°♋	
desc. node	-2395 Jun 17 j 15:15	1°♋53'37	
evening max el	-2395 Jun 21 j 13:12	5°♋58'27	27°22'26
retrograde	-2395 Jul 05 j 08:24	13°♋19'23	
evening set	-2395 Jul 12 j 12:14	10°♋49'12	
min. Earth dist.	-2395 Jul 16 j 02:15	7°♋51'52	0.62667 AU
inferior conj	-2395 Jul 18 j 23:34	5°♋04'48	-4°-2'-35
minimum elong	-2395 Jul 19 j 03:18	4°♋55'45	4°01'53
morning rise	-2395 Jul 25 j 20:43	29°♊56'13	
	-2395 Jul 25 j 16:50	30°℞♊	
direct	-2395 Jul 28 j 09:11	29°♊27'05	
	-2395 Jul 31 j 00:34	0°♋	
asc. node	-2395 Aug 03 j 06:45	2°♋08'05	
morning max el	-2395 Aug 04 j 01:28	2°♋51'49	17°55'03
morning set	-2395 Aug 20 j 09:05	28°♋18'01	
	-2395 Aug 21 j 07:59	0°♌	
superior conj	-2395 Aug 31 j 19:21	18°♌14'53	1°16'47
minimum elong	-2395 Sep 01 j 00:42	18°♌37'33	1°16'17
max. Earth dist.	-2395 Sep 07 j 16:24	29°♌38'44	1.43211 AU
	-2395 Sep 07 j 21:39	0°♍	
desc. node	-2395 Sep 13 j 14:41	9°♍07'09	
evening rise	-2395 Sep 15 j 22:48	12°♍46'41	
	-2395 Sep 27 j 06:58	0°♎	
greatest brilliancy	-2395 Oct 11 j 02:07	19°♎20'29	-0.4m

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening max el	-2395 Oct 16 j 06:44	25°♎21'55	21°18'30	
	-2395 Oct 22 j 11:18	0°♏		
retrograde	-2395 Oct 24 j 22:46	0°♏30'29		
	-2395 Oct 27 j 07:10	30°℞♎		
evening set	-2395 Oct 29 j 00:16	28°♎57'56		
asc. node	-2395 Oct 30 j 05:51	27°♎53'00		
inferior conj	-2395 Nov 03 j 10:09	22°♎42'56	1°24'10	
minimum elong	-2395 Nov 03 j 08:19	22°♎49'16	1°23'24	
min. Earth dist.	-2395 Nov 03 j 18:14	22°♎15'09	0.67299 AU	
morning rise	-2395 Nov 08 j 16:02	16°♎26'35		
direct	-2395 Nov 13 j 18:09	14°♎16'54		
morning max el	-2395 Nov 24 j 06:09	20°♎32'27	23°33'42	
	-2395 Dec 02 j 08:13	0°♏		
desc. node	-2395 Dec 10 j 14:07	11°♏18'07		
	-2395 Dec 22 j 21:35	0°♐		
morning set	-2395 Dec 29 j 09:30	10°♐40'38		
max. Earth dist.	-2394 Jan 02 j 13:40	17°♐51'50	1.39058 AU	
	-2394 Jan 09 j 06:50	0°♑		
superior conj	-2394 Jan 10 j 01:23	1°♑26'33	-1°-54'-19	
minimum elong	-2394 Jan 10 j 03:25	1°♑36'02	1°54'19	
evening rise	-2394 Jan 19 j 06:40	19°♑08'56		
	-2394 Jan 25 j 00:09	0°♒		
asc. node	-2394 Jan 26 j 05:06	2°♒09'31		
evening max el	-2394 Feb 04 j 14:42	15°♒26'46	18°41'41	
retrograde	-2394 Feb 12 j 13:12	19°♒17'51		
evening set	-2394 Feb 14 j 22:56	18°♒57'57		
inferior conj	-2394 Feb 22 j 15:20	14°♒33'16	3°17'54	
minimum elong	-2394 Feb 22 j 19:26	14°♒25'30	3°17'04	
min. Earth dist.	-2394 Feb 25 j 23:37	12°♒02'55	0.57958 AU	
morning rise	-2394 Mar 02 j 12:08	9°♒18'34		
direct	-2394 Mar 08 j 06:24	7°♒56'33		
desc. node	-2394 Mar 08 j 13:12	7°♒56'45		
morning max el	-2394 Mar 22 j 13:32	15°♒26'26	26°15'26	
	-2394 Apr 03 j 07:33	0°♓		
	-2394 Apr 19 j 23:21	0°♈		
morning set	-2394 Apr 20 j 04:34	0°♈27'16		
asc. node	-2394 Apr 24 j 04:30	9°♈00'33		
superior conj	-2394 Apr 27 j 05:50	15°♈41'17	0°31'40	
minimum elong	-2394 Apr 27 j 04:29	15°♈33'50	0°31'24	
max. Earth dist.	-2394 Apr 27 j 15:27	16°♈33'52	1.32598 AU	
	-2394 May 03 j 21:20	0°♉		
evening rise	-2394 May 04 j 07:24	0°♉52'27		
	-2394 May 20 j 07:50	0°♊		
evening max el	-2394 Jun 03 j 17:31	18°♊12'25	26°51'57	
desc. node	-2394 Jun 04 j 12:17	18°♊56'17		
retrograde	-2394 Jun 17 j 17:03	25°♊30'50		
evening set	-2394 Jun 24 j 12:32	23°♊28'25		
min. Earth dist.	-2394 Jun 28 j 07:02	20°♊47'41	0.60709 AU	
inferior conj	-2394 Jul 01 j 14:03	18°♊00'50	-4°-26'00	
minimum elong	-2394 Jul 01 j 15:52	17°♊56'59	4°25'50	
morning rise	-2394 Jul 08 j 22:17	13°♊14'12		
direct	-2394 Jul 11 j 09:46	12°♊50'04		
morning max el	-2394 Jul 18 j 14:03	16°♊21'10	18°06'36	
asc. node	-2394 Jul 21 j 03:50	19°♊12'43		
	-2394 Jul 28 j 04:34	0°♋		
morning set	-2394 Aug 03 j 12:09	11°♋31'05		
superior conj	-2394 Aug 13 j 11:06	29°♋47'33	1°38'33	
minimum elong	-2394 Aug 13 j 14:32	0°♌02'52	1°38'23	
	-2394 Aug 13 j 13:54	0°♌		
max. Earth dist.	-2394 Aug 21 j 01:21	12°♌55'57	1.41539 AU	
evening rise	-2394 Aug 26 j 16:11	22°♌10'03		
desc. node	-2394 Aug 31 j 11:41	29°♌47'05		
	-2394 Aug 31 j 15:00	0°♍		
	-2394 Sep 21 j 10:58	0°♎		

greatest brilliancy	-2394 Sep 24 j 04:42	3°♎25'51	-0.3m	
evening max el	-2394 Sep 28 j 23:50	8°♎48'45	22°35'33	
retrograde	-2394 Oct 08 j 17:42	14°♎36'04		
evening set	-2394 Oct 13 j 08:02	12°♎44'56		
asc. node	-2394 Oct 17 j 02:56	8°♎33'42		
inferior conj	-2394 Oct 18 j 16:51	6°♎24'27	0°32'33	
minimum elong	-2394 Oct 18 j 16:06	6°♎27'04	0°32'13	
min. Earth dist.	-2394 Oct 18 j 14:26	6°♎32'51	0.67508 AU	
morning rise	-2394 Oct 24 j 00:05	0°♎09'50		
	-2394 Oct 24 j 05:03	30°℞♍		
direct	-2394 Oct 28 j 11:12	28°♍22'28		
	-2394 Nov 02 j 04:06	0°♎		
morning max el	-2394 Nov 06 j 18:29	3°♎53'11	22°07'43	
greatest brilliancy	-2394 Nov 11 j 12:03	9°♎14'09	-0.4m	
	-2394 Nov 26 j 12:31	0°♏		
desc. node	-2394 Nov 27 j 11:09	1°♏24'11		
morning set	-2394 Dec 09 j 13:43	20°♏09'57		
max. Earth dist.	-2394 Dec 15 j 12:12	29°♏54'48	1.41125 AU	
	-2394 Dec 15 j 13:26	0°♐		
superior conj	-2394 Dec 23 j 05:42	13°♐14'46	-1°-57'-27	
minimum elong	-2394 Dec 23 j 04:47	13°♐10'42	1°57'31	
	-2393 Jan 01 j 09:58	0°♑		
evening rise	-2393 Jan 02 j 15:12	2°♑16'06		
asc. node	-2393 Jan 13 j 02:09	20°♑44'25		
evening max el	-2393 Jan 18 j 21:51	28°♑14'52	18°14'56	
	-2393 Jan 20 j 23:30	0°♒		
retrograde	-2393 Jan 25 j 23:08	1°♒46'56		
evening set	-2393 Jan 28 j 12:16	1°♒20'11		
	-2393 Jan 31 j 04:38	30°℞♑		
inferior conj	-2393 Feb 04 j 13:16	26°♑33'59	3°51'43	
minimum elong	-2393 Feb 04 j 14:57	26°♑30'17	3°51'32	
min. Earth dist.	-2393 Feb 07 j 21:14	23°♑39'31	0.59967 AU	
morning rise	-2393 Feb 11 j 14:30	20°♑57'03		
direct	-2393 Feb 18 j 05:15	18°♑56'35		
desc. node	-2393 Feb 23 j 10:17	20°♑06'10		
morning max el	-2393 Mar 04 j 11:03	26°♑38'20	27°16'56	
	-2393 Mar 07 j 15:44	0°♒		
	-2393 Mar 27 j 18:03	0°♓		
morning set	-2393 Apr 04 j 13:31	15°♓17'20		
max. Earth dist.	-2393 Apr 11 j 04:42	29°♓30'17	1.32485 AU	
asc. node	-2393 Apr 11 j 01:32	29°♓12'56		
	-2393 Apr 11 j 10:08	0°♈		
superior conj	-2393 Apr 11 j 17:32	0°♈40'32	0°07'02	
minimum elong	-2393 Apr 11 j 17:13	0°♈38'47	0°06'57	
behind sun begin	-2393 Apr 11 j 12:41	0°♈13'59		
behind sun end	-2393 Apr 11 j 21:45	1°♈03'36		
evening rise	-2393 Apr 18 j 17:03	15°♈46'39		
	-2393 Apr 25 j 20:40	0°♉		
evening max el	-2393 May 16 j 15:12	29°♉42'13	25°50'20	
	-2393 May 16 j 22:42	0°♊		
desc. node	-2393 May 22 j 09:20	4°♊16'14		
retrograde	-2393 May 30 j 17:00	6°♊56'32		
evening set	-2393 Jun 05 j 15:24	5°♊31'39		
min. Earth dist.	-2393 Jun 10 j 03:34	2°♊49'49	0.58656 AU	
inferior conj	-2393 Jun 13 j 11:15	0°♊23'59	-4°-26'00	
minimum elong	-2393 Jun 13 j 09:32	0°♊27'10	4°25'52	
	-2393 Jun 14 j 00:20	30°℞♉		
morning rise	-2393 Jun 21 j 07:31	25°♉59'59		
direct	-2393 Jun 23 j 19:12	25°♉39'44		
morning max el	-2393 Jul 01 j 21:14	29°♉29'16	18°38'06	
	-2393 Jul 02 j 09:53	0°♊		
asc. node	-2393 Jul 08 j 00:53	7°♊12'26		
morning set	-2393 Jul 18 j 03:31	25°♊21'15		
	-2393 Jul 20 j 12:57	0°♋		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2393 Jul	27 j 00:55	12°♋26'59	1°47'47			-2392 Jul	11 j 08:59	0°♋		
minimum elong	-2393 Jul	27 j 01:53	12°♋31'28	1°47'49		max. Earth dist.	-2392 Jul	15 j 07:07	7°♋25'26	1.37647 AU	
max. Earth dist.	-2393 Aug	03 j 04:49	25°♋28'05	1.39596 AU		evening rise	-2392 Jul	19 j 04:20	14°♋28'34		
	-2393 Aug	05 j 19:29	0°♌				-2392 Jul	28 j 08:51	0°♌		
evening rise	-2393 Aug	07 j 09:34	2°♌41'58			desc. node	-2392 Aug	04 j 05:40	10°♌36'43		
desc. node	-2393 Aug	18 j 08:39	20°♌18'27				-2392 Aug	18 j 15:09	0°♍		
	-2393 Aug	24 j 21:27	0°♍			evening max el	-2392 Aug	23 j 23:42	5°♍49'50	25°13'03	
evening max el	-2393 Sep	11 j 12:35	22°♍17'08	23°56'05		retrograde	-2392 Sep	04 j 20:59	12°♍42'59		
retrograde	-2393 Sep	22 j 09:25	28°♍41'21			evening set	-2392 Sep	10 j 16:38	10°♍15'19		
evening set	-2393 Sep	27 j 14:04	26°♍31'09			min. Earth dist.	-2392 Sep	15 j 04:28	5°♍11'50	0.67013 AU	
inferior conj	-2393 Oct	02 j 23:19	20°♍08'57	0°-21'-15		inferior conj	-2392 Sep	16 j 03:52	3°♍55'16	-1°-15'-33	
minimum elong	-2393 Oct	02 j 23:50	20°♍07'14	0°21'01		minimum elong	-2392 Sep	16 j 05:41	3°♍49'18	1°14'47	
min. Earth dist.	-2393 Oct	02 j 10:38	20°♍52'04	0.67415 AU			-2392 Sep	19 j 08:59	30°℞♌		
asc. node	-2393 Oct	04 j 00:01	18°♍45'44			asc. node	-2392 Sep	19 j 21:04	29°♌28'54		
morning rise	-2393 Oct	08 j 09:47	13°♍58'51			morning rise	-2392 Sep	21 j 19:16	27°♌52'43		
direct	-2393 Oct	12 j 07:22	12°♍32'35			direct	-2392 Sep	25 j 05:26	26°♌44'48		
morning max el	-2393 Oct	20 j 13:04	17°♍21'43	20°48'50			-2392 Oct	01 j 14:28	0°♍		
greatest brilliancy	-2393 Oct	26 j 10:34	24°♍19'01	-0.5m		morning max el	-2392 Oct	02 j 15:02	0°♍59'41	19°42'05	
	-2393 Oct	30 j 15:04	0°♎			greatest brilliancy	-2392 Oct	10 j 21:16	11°♍25'48	-0.6m	
desc. node	-2393 Nov	14 j 08:08	21°♎46'12				-2392 Oct	23 j 06:11	0°♎		
morning set	-2393 Nov	18 j 17:16	28°♎32'11			morning set	-2392 Oct	27 j 15:36	6°♎47'20		
	-2393 Nov	19 j 15:46	0°♏			desc. node	-2392 Oct	31 j 05:08	12°♎19'45		
max. Earth dist.	-2393 Nov	27 j 17:17	12°♏49'44	1.42931 AU		max. Earth dist.	-2392 Nov	09 j 05:24	26°♎29'45	1.44235 AU	
							-2392 Nov	11 j 10:11	0°♏		
superior conj	-2393 Dec	04 j 09:39	23°♏51'36	-1°-46'-36							
minimum elong	-2393 Dec	04 j 04:34	23°♏30'15	1°46'20		superior conj	-2392 Nov	13 j 10:20	3°♏13'05	-1°-18'-31	
	-2393 Dec	08 j 00:21	0°♐			minimum elong	-2392 Nov	13 j 02:46	2°♏42'42	1°17'45	
evening rise	-2393 Dec	16 j 08:59	14°♐38'39			evening rise	-2392 Nov	27 j 07:37	26°♏08'35		
	-2393 Dec	25 j 04:21	0°♑				-2392 Nov	29 j 14:22	0°♐		
asc. node	-2393 Dec	30 j 23:11	8°♑36'31			evening max el	-2392 Dec	15 j 21:42	24°♐39'33	18°20'09	
evening max el	-2392 Jan	02 j 09:07	11°♑21'23	18°08'03		asc. node	-2392 Dec	16 j 20:14	25°♐33'36		
retrograde	-2392 Jan	08 j 23:43	14°♑48'14			retrograde	-2392 Dec	22 j 10:34	28°♐12'55		
evening set	-2392 Jan	11 j 16:14	14°♑13'36			evening set	-2392 Dec	25 j 07:13	27°♐29'06		
inferior conj	-2392 Jan	18 j 04:53	9°♑06'00	3°57'28		inferior conj	-2392 Dec	31 j 10:17	22°♐01'35	3°43'12	
minimum elong	-2392 Jan	18 j 04:09	9°♑07'50	3°57'23		minimum elong	-2392 Dec	31 j 07:59	22°♐08'02	3°42'49	
min. Earth dist.	-2392 Jan	21 j 02:42	6°♑11'32	0.61981 AU		min. Earth dist.	-2391 Jan	02 j 17:38	19°♐26'45	0.63777 AU	
morning rise	-2392 Jan	24 j 13:49	3°♑14'22			morning rise	-2391 Jan	06 j 07:14	15°♐59'58		
direct	-2392 Jan	31 j 14:05	0°♑42'39			direct	-2391 Jan	13 j 06:41	13°♐11'33		
desc. node	-2392 Feb	10 j 07:21	4°♑43'44			morning max el	-2391 Jan	26 j 22:21	20°♐58'00	27°34'02	
morning max el	-2392 Feb	14 j 14:36	8°♑30'08	27°43'41		desc. node	-2391 Jan	27 j 04:24	21°♐13'07		
	-2392 Mar	02 j 04:20	0°♒				-2391 Feb	03 j 19:23	0°♑		
morning set	-2392 Mar	18 j 17:57	29°♒51'15				-2391 Feb	23 j 05:27	0°♒		
	-2392 Mar	18 j 19:40	0°♓			morning set	-2391 Mar	02 j 15:18	13°♒59'52		
max. Earth dist.	-2392 Mar	24 j 15:19	12°♓14'47	1.32727 AU		max. Earth dist.	-2391 Mar	07 j 19:26	24°♒34'02	1.33365 AU	
superior conj	-2392 Mar	26 j 03:55	15°♓32'55	0°-18'-36		superior conj	-2391 Mar	10 j 11:12	0°♓11'43	0°-44'-17	
minimum elong	-2392 Mar	26 j 04:47	15°♓37'34	0°18'27		minimum elong	-2391 Mar	10 j 13:13	0°♓22'29	0°43'56	
asc. node	-2392 Mar	27 j 22:33	19°♓24'49				-2391 Mar	10 j 09:01	0°♓		
	-2392 Apr	01 j 20:21	0°♈			asc. node	-2391 Mar	14 j 19:34	9°♓31'34		
evening rise	-2392 Apr	02 j 04:33	0°♈43'17			evening rise	-2391 Mar	17 j 16:03	15°♓35'23		
	-2392 Apr	18 j 11:22	0°♉				-2391 Mar	24 j 22:34	0°♈		
evening max el	-2392 Apr	27 j 07:38	10°♉36'15	24°25'46		evening max el	-2391 Apr	08 j 23:42	21°♈16'09	22°51'23	
desc. node	-2392 May	08 j 06:23	17°♉17'23			retrograde	-2391 Apr	22 j 05:45	27°♈47'53		
retrograde	-2392 May	11 j 05:57	17°♉37'51			desc. node	-2391 Apr	25 j 03:26	27°♈29'23		
evening set	-2392 May	15 j 20:45	16°♉49'56			evening set	-2391 Apr	25 j 12:43	27°♈24'13		
min. Earth dist.	-2392 May	21 j 19:25	13°♉50'54	0.56812 AU		min. Earth dist.	-2391 May	03 j 09:15	23°♈56'30	0.55533 AU	
inferior conj	-2392 May	24 j 12:37	12°♉06'50	-3°-51'-22		inferior conj	-2391 May	04 j 19:04	23°♈07'45	-2°-34'-25	
minimum elong	-2392 May	24 j 07:08	12°♉15'39	3°50'21		minimum elong	-2391 May	04 j 12:55	23°♈16'38	2°32'36	
morning rise	-2392 Jun	01 j 21:31	8°♉01'46			morning rise	-2391 May	13 j 15:46	19°♈11'57		
direct	-2392 Jun	04 j 10:05	7°♉44'23			direct	-2391 May	16 j 07:22	18°♈55'22		
morning max el	-2392 Jun	13 j 20:12	12°♉06'50	19°30'11		morning max el	-2391 May	27 j 08:37	24°♈04'14	20°42'28	
asc. node	-2392 Jun	23 j 21:55	25°♉54'38				-2391 Jun	01 j 13:55	0°♉		
	-2392 Jun	26 j 04:16	0°♊			asc. node	-2391 Jun	10 j 18:56	15°♉08'22		
morning set	-2392 Jul	01 j 03:40	9°♊39'49			morning set	-2391 Jun	15 j 09:45	24°♉18'21		
							-2391 Jun	18 j 04:00	0°♊		
superior conj	-2392 Jul	09 j 07:09	25°♊57'21	1°47'03							
minimum elong	-2392 Jul	09 j 06:09	25°♊52'26	1°47'04		superior conj	-2391 Jun	23 j 01:00	10°♊03'50	1°38'45	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2391 Jun 22 j 22:50	9°♊52'47	1°38'38
max. Earth dist.	-2391 Jun 27 j 14:45	19°♊13'28	1.35908 AU
evening rise	-2391 Jul 01 j 20:00	27°♊17'28	
	-2391 Jul 03 j 07:10	0°♋	
	-2391 Jul 21 j 17:01	0°♌	
desc. node	-2391 Jul 22 j 02:41	0°♌34'35	
evening max el	-2391 Aug 06 j 11:04	19°♌23'44	26°18'40
retrograde	-2391 Aug 19 j 03:40	26°♌34'56	
evening set	-2391 Aug 25 j 13:40	23°♌54'04	
min. Earth dist.	-2391 Aug 29 j 17:25	19°♌28'32	0.66271 AU
inferior conj	-2391 Aug 31 j 04:37	17°♌39'56	-2°-8'-40
minimum elong	-2391 Aug 31 j 07:40	17°♌30'33	2°07'31
morning rise	-2391 Sep 06 j 02:32	11°♌48'22	
asc. node	-2391 Sep 06 j 18:07	11°♌28'13	
direct	-2391 Sep 09 j 03:38	10°♌55'22	
morning max el	-2391 Sep 15 j 23:38	14°♌44'58	18°50'21
	-2391 Sep 27 j 04:24	0°♍	
morning set	-2391 Oct 07 j 07:57	16°♍00'40	
	-2391 Oct 16 j 04:14	0°♎	
desc. node	-2391 Oct 18 j 02:10	3°♎00'54	
max. Earth dist.	-2391 Oct 22 j 22:44	10°♎39'42	1.44870 AU
superior conj	-2391 Oct 23 j 14:00	11°♎39'50	0°-34'-48
minimum elong	-2391 Oct 23 j 09:29	11°♎22'02	0°34'16
	-2391 Nov 04 j 03:34	0°♏	
evening rise	-2391 Nov 08 j 07:07	6°♏39'25	
	-2391 Nov 23 j 01:39	0°♐	
evening max el	-2391 Nov 29 j 09:02	8°♐04'19	18°50'10
asc. node	-2391 Dec 03 j 17:16	11°♐21'26	
retrograde	-2391 Dec 06 j 03:54	11°♐54'14	
evening set	-2391 Dec 09 j 06:04	10°♐59'38	
inferior conj	-2391 Dec 15 j 01:55	5°♐14'33	3°15'03
minimum elong	-2391 Dec 14 j 22:57	5°♐23'38	3°14'18
min. Earth dist.	-2391 Dec 16 j 18:13	3°♐11'17	0.65231 AU
	-2391 Dec 19 j 15:16	30°℞♏	
morning rise	-2391 Dec 20 j 14:48	29°♏05'44	
direct	-2391 Dec 27 j 05:49	26°♏15'48	
	-2390 Jan 04 j 23:33	0°♐	
morning max el	-2390 Jan 09 j 07:55	3°♐52'25	26°52'06
desc. node	-2390 Jan 14 j 01:28	9°♐02'46	
	-2390 Jan 29 j 05:09	0°♑	
morning set	-2390 Feb 14 j 02:21	27°♑32'50	
	-2390 Feb 15 j 08:51	0°♒	
max. Earth dist.	-2390 Feb 18 j 13:37	6°♒19'46	1.34440 AU
superior conj	-2390 Feb 22 j 13:21	14°♒30'15	-1°-8'-51
minimum elong	-2390 Feb 22 j 16:20	14°♒45'43	1°08'24
asc. node	-2390 Mar 01 j 16:36	29°♒28'56	
	-2390 Mar 01 j 22:35	0°♓	
evening rise	-2390 Mar 02 j 01:49	0°♓16'47	
	-2390 Mar 19 j 19:45	0°♈	
evening max el	-2390 Mar 21 j 21:42	2°♈09'20	21°20'58
retrograde	-2390 Apr 02 j 20:00	7°♈54'34	
evening set	-2390 Apr 05 j 07:08	7°♈40'41	
desc. node	-2390 Apr 12 j 00:29	5°♈06'25	
inferior conj	-2390 Apr 14 j 14:32	3°♈40'57	0°-43'-35
minimum elong	-2390 Apr 14 j 12:29	3°♈43'50	0°42'51
min. Earth dist.	-2390 Apr 14 j 22:42	3°♈29'28	0.55094 AU
	-2390 Apr 22 j 08:48	30°℞♓	
morning rise	-2390 Apr 23 j 17:49	29°♓38'20	
direct	-2390 Apr 26 j 19:05	29°♓18'00	
	-2390 May 01 j 01:59	0°♈	
morning max el	-2390 May 09 j 10:13	5°♈19'29	22°12'02
	-2390 May 26 j 06:13	0°♉	
asc. node	-2390 May 28 j 16:00	4°♉45'44	
morning set	-2390 May 30 j 19:39	9°♉10'39	

superior conj	-2390 Jun 07 j 02:54	24°♉36'04	1°24'45
minimum elong	-2390 Jun 07 j 00:18	24°♉22'23	1°24'29
	-2390 Jun 09 j 17:00	0°♊	
max. Earth dist.	-2390 Jun 10 j 07:43	1°♊15'49	1.34504 AU
evening rise	-2390 Jun 15 j 03:25	10°♊54'26	
	-2390 Jun 25 j 16:48	0°♋	
desc. node	-2390 Jul 08 j 23:42	20°♋03'13	
	-2390 Jul 17 j 04:01	0°♌	
evening max el	-2390 Jul 19 j 22:42	2°♌50'22	27°04'55
retrograde	-2390 Aug 02 j 05:00	10°♌10'17	
evening set	-2390 Aug 09 j 02:44	7°♌23'51	
min. Earth dist.	-2390 Aug 12 j 23:05	3°♌36'38	0.65162 AU
inferior conj	-2390 Aug 14 j 23:26	1°♌19'02	-2°-58'-31
minimum elong	-2390 Aug 15 j 03:22	1°♌07'48	2°57'17
	-2390 Aug 16 j 03:32	30°℞♋	
morning rise	-2390 Aug 21 j 05:22	25°♋41'49	
direct	-2390 Aug 23 j 23:43	25°♋00'26	
asc. node	-2390 Aug 24 j 15:12	25°♋02'41	
morning max el	-2390 Aug 30 j 12:50	28°♋33'33	18°15'03
	-2390 Aug 31 j 20:50	0°♌	
morning set	-2390 Sep 18 j 03:57	26°♌35'15	
	-2390 Sep 20 j 05:35	0°♍	
superior conj	-2390 Oct 02 j 15:55	20°♍06'44	0°14'49
minimum elong	-2390 Oct 02 j 17:46	20°♍14'06	0°14'34
behind sun begin	-2390 Oct 02 j 12:49	19°♍54'25	
behind sun end	-2390 Oct 02 j 22:43	20°♍33'46	
desc. node	-2390 Oct 04 j 23:11	23°♍45'47	
max. Earth dist.	-2390 Oct 05 j 17:30	24°♍58'12	1.44765 AU
	-2390 Oct 08 j 22:11	0°♎	
evening rise	-2390 Oct 19 j 06:38	16°♎10'35	
	-2390 Oct 28 j 04:35	0°♏	
greatest brilliancy	-2390 Nov 04 j 08:12	10°♏45'22	-0.7m
evening max el	-2390 Nov 12 j 16:44	21°♏31'02	19°36'45
retrograde	-2390 Nov 20 j 00:35	25°♏46'27	
asc. node	-2390 Nov 20 j 14:20	25°♏44'34	
evening set	-2390 Nov 23 j 10:05	24°♏38'58	
inferior conj	-2390 Nov 29 j 00:42	18°♏39'25	2°37'07
minimum elong	-2390 Nov 28 j 21:48	18°♏48'55	2°36'09
min. Earth dist.	-2390 Nov 30 j 03:15	17°♏12'47	0.66311 AU
morning rise	-2390 Dec 04 j 08:49	12°♏25'37	
direct	-2390 Dec 10 j 10:45	9°♏45'57	
morning max el	-2390 Dec 22 j 17:14	17°♏01'07	25°45'26
desc. node	-2390 Dec 31 j 22:33	27°♏48'36	
	-2389 Jan 02 j 14:13	0°♐	
	-2389 Jan 22 j 03:35	0°♑	
morning set	-2389 Jan 27 j 22:35	10°♑16'21	
max. Earth dist.	-2389 Jan 31 j 20:08	17°♑34'11	1.35962 AU
superior conj	-2389 Feb 06 j 07:43	28°♑19'59	-1°-30'-45
minimum elong	-2389 Feb 06 j 11:09	28°♑37'12	1°30'23
	-2389 Feb 07 j 03:34	0°♒	
evening rise	-2389 Feb 14 j 07:49	14°♒40'22	
asc. node	-2389 Feb 16 j 13:38	19°♒11'21	
	-2389 Feb 22 j 07:49	0°♓	
evening max el	-2389 Mar 04 j 05:46	13°♓34'04	20°04'18
retrograde	-2389 Mar 14 j 11:51	18°♓27'26	
evening set	-2389 Mar 16 j 17:12	18°♓14'39	
inferior conj	-2389 Mar 25 j 12:52	14°♓14'44	1°12'08
minimum elong	-2389 Mar 25 j 15:55	14°♓10'07	1°11'07
min. Earth dist.	-2389 Mar 27 j 12:47	13°♓02'30	0.55594 AU
desc. node	-2389 Mar 29 j 21:34	11°♓42'08	
morning rise	-2389 Apr 03 j 11:53	9°♓47'25	
direct	-2389 Apr 07 j 09:49	9°♓13'48	
morning max el	-2389 Apr 21 j 03:46	16°♓02'18	23°51'23
	-2389 May 02 j 06:06	0°♈	
morning set	-2389 May 15 j 07:29	24°♈10'26	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2389 May 15 j 13:04	24°♈39'47	
	-2389 May 18 j 01:17	0°♉	
superior conj	-2389 May 22 j 10:08	9°♉25'12	1°06'30
minimum elong	-2389 May 22 j 07:41	9°♉12'02	1°06'09
max. Earth dist.	-2389 May 24 j 10:00	13°♉41'25	1.33469 AU
evening rise	-2389 May 29 j 22:09	25°♉06'19	
	-2389 Jun 01 j 09:38	0°♊	
	-2389 Jun 19 j 04:43	0°♋	
desc. node	-2389 Jun 25 j 20:42	8°♋50'32	
evening max el	-2389 Jul 02 j 09:15	15°♋58'29	27°24'55
retrograde	-2389 Jul 16 j 00:47	23°♋20'51	
evening set	-2389 Jul 23 j 04:45	20°♋40'25	
min. Earth dist.	-2389 Jul 26 j 19:40	17°♋27'41	0.63674 AU
inferior conj	-2389 Jul 29 j 09:47	14°♋47'42	-3°-42'-5
minimum elong	-2389 Jul 29 j 13:55	14°♋37'02	3°41'06
morning rise	-2389 Aug 05 j 01:04	9°♋28'08	
direct	-2389 Aug 07 j 14:59	8°♋55'21	
asc. node	-2389 Aug 11 j 12:19	10°♋10'08	
morning max el	-2389 Aug 14 j 04:06	12°♋20'38	17°57'08
	-2389 Aug 26 j 05:12	0°♌	
morning set	-2389 Aug 31 j 01:45	8°♌23'48	
superior conj	-2389 Sep 12 j 13:05	29°♌33'10	0°57'52
minimum elong	-2389 Sep 12 j 18:25	29°♌55'08	0°57'15
	-2389 Sep 12 j 19:37	0°♍	
max. Earth dist.	-2389 Sep 18 j 10:01	9°♍05'02	1.43952 AU
desc. node	-2389 Sep 21 j 20:10	14°♍31'33	
evening rise	-2389 Sep 28 j 13:46	25°♍02'05	
	-2389 Oct 01 j 19:18	0°♎	
greatest brilliancy	-2389 Oct 20 j 18:49	27°♎45'55	-0.5m
	-2389 Oct 22 j 12:13	0°♏	
evening max el	-2389 Oct 26 j 19:06	4°♏58'04	20°37'53
retrograde	-2389 Nov 03 j 22:06	9°♏46'09	
asc. node	-2389 Nov 07 j 11:25	8°♏33'31	
evening set	-2389 Nov 07 j 17:03	8°♏23'31	
inferior conj	-2389 Nov 13 j 04:12	2°♏13'00	1°52'18
minimum elong	-2389 Nov 13 j 01:52	2°♏20'57	1°51'23
min. Earth dist.	-2389 Nov 13 j 18:39	1°♏23'54	0.67033 AU
	-2389 Nov 14 j 19:45	30°℞♎	
morning rise	-2389 Nov 18 j 10:12	25°♎56'37	
direct	-2389 Nov 23 j 21:06	23°♎34'48	
	-2389 Dec 04 j 19:40	0°♏	
morning max el	-2389 Dec 05 j 01:53	0°♏15'35	24°23'35
desc. node	-2389 Dec 18 j 19:37	17°♏14'22	
	-2389 Dec 27 j 12:27	0°♐	
morning set	-2388 Jan 09 j 22:18	21°♐55'00	
max. Earth dist.	-2388 Jan 13 j 17:28	28°♐39'28	1.37863 AU
	-2388 Jan 14 j 11:14	0°♑	
superior conj	-2388 Jan 20 j 14:58	11°♑32'11	-1°-47'-48
minimum elong	-2388 Jan 20 j 17:55	11°♑46'20	1°47'40
evening rise	-2388 Jan 29 j 07:48	28°♑39'58	
	-2388 Jan 30 j 00:01	0°♒	
asc. node	-2388 Feb 03 j 10:41	8°♒33'23	
evening max el	-2388 Feb 15 j 00:34	25°♒36'08	19°06'06
retrograde	-2388 Feb 23 j 16:45	29°♒45'32	
evening set	-2388 Feb 26 j 00:11	29°♒29'07	
inferior conj	-2388 Mar 05 j 02:37	25°♒15'58	2°42'33
minimum elong	-2388 Mar 05 j 07:22	25°♒07'44	2°41'19
min. Earth dist.	-2388 Mar 08 j 04:20	23°♒09'17	0.56925 AU
morning rise	-2388 Mar 13 j 10:33	20°♒17'01	
desc. node	-2388 Mar 15 j 18:40	19°♒34'00	
direct	-2388 Mar 18 j 13:01	19°♒15'48	
morning max el	-2388 Apr 01 j 18:42	26°♒35'55	25°27'33
	-2388 Apr 05 j 00:39	0°♓	
	-2388 Apr 24 j 07:01	0°♈	
morning set	-2388 Apr 28 j 19:31	9°♈11'20	
asc. node	-2388 May 01 j 10:06	14°♈44'43	
superior conj	-2388 May 05 j 20:30	24°♈23'30	0°45'05
minimum elong	-2388 May 05 j 18:39	24°♈13'24	0°44'45
max. Earth dist.	-2388 May 06 j 19:14	26°♈27'17	1.32807 AU
	-2388 May 08 j 10:30	0°♉	
evening rise	-2388 May 13 j 00:43	9°♉41'52	
	-2388 May 23 j 17:48	0°♊	
desc. node	-2388 Jun 11 j 17:44	26°♊38'31	
evening max el	-2388 Jun 13 j 16:29	28°♊35'23	27°13'36
	-2388 Jun 15 j 05:27	0°♋	
retrograde	-2388 Jun 27 j 14:08	5°♋56'21	
evening set	-2388 Jul 04 j 15:44	3°♋36'12	
min. Earth dist.	-2388 Jul 08 j 06:17	0°♋47'57	0.61850 AU
	-2388 Jul 09 j 03:43	30°℞♊	
inferior conj	-2388 Jul 11 j 08:32	27°♊58'20	-4°-14'-49
minimum elong	-2388 Jul 11 j 11:40	27°♊51'09	4°14'21
morning rise	-2388 Jul 18 j 10:18	22°♊59'03	
direct	-2388 Jul 20 j 21:57	22°♊32'25	
morning max el	-2388 Jul 27 j 18:30	25°♊58'51	17°57'36
asc. node	-2388 Jul 28 j 09:24	26°♊36'34	
	-2388 Jul 31 j 04:57	0°♋	
morning set	-2388 Aug 12 j 19:44	21°♋10'14	
	-2388 Aug 17 j 16:50	0°♌	
superior conj	-2388 Aug 23 j 13:43	10°♌20'54	1°27'42
minimum elong	-2388 Aug 23 j 18:27	10°♌41'22	1°27'19
max. Earth dist.	-2388 Aug 30 j 21:40	22°♌42'39	1.42546 AU
	-2388 Sep 04 j 09:37	0°♍	
evening rise	-2388 Sep 06 j 22:00	3°♍59'28	
desc. node	-2388 Sep 07 j 17:09	5°♍14'40	
	-2388 Sep 24 j 05:30	0°♎	
greatest brilliancy	-2388 Oct 03 j 19:27	12°♎54'27	-0.4m
evening max el	-2388 Oct 08 j 15:27	18°♎24'41	21°50'28
retrograde	-2388 Oct 17 j 18:23	23°♎50'01	
evening set	-2388 Oct 22 j 01:00	22°♎09'58	
asc. node	-2388 Oct 24 j 08:30	19°♎53'06	
inferior conj	-2388 Oct 27 j 10:16	15°♎52'10	1°02'38
minimum elong	-2388 Oct 27 j 08:51	15°♎57'02	1°02'02
min. Earth dist.	-2388 Oct 27 j 13:52	15°♎39'44	0.67427 AU
morning rise	-2388 Nov 01 j 16:27	9°♎35'56	
direct	-2388 Nov 06 j 12:03	7°♎35'34	
morning max el	-2388 Nov 16 j 11:45	13°♎32'35	22°56'30
greatest brilliancy	-2388 Nov 21 j 07:29	18°♎57'16	-0.3m
	-2388 Nov 29 j 16:57	0°♏	
desc. node	-2388 Dec 04 j 16:39	7°♏08'07	
	-2388 Dec 19 j 10:59	0°♐	
morning set	-2388 Dec 20 j 19:19	2°♐12'58	
max. Earth dist.	-2388 Dec 25 j 12:51	10°♐11'16	1.39950 AU
superior conj	-2387 Jan 02 j 06:40	23°♐55'16	-1°-57'-5
minimum elong	-2387 Jan 02 j 07:39	23°♐59'49	1°57'10
	-2387 Jan 05 j 13:26	0°♑	
evening rise	-2387 Jan 11 j 22:55	12°♑08'25	
asc. node	-2387 Jan 20 j 07:43	27°♑28'09	
	-2387 Jan 21 j 20:58	0°♒	
evening max el	-2387 Jan 28 j 04:08	8°♒10'40	18°27'55
retrograde	-2387 Feb 04 j 16:08	11°♒51'26	
evening set	-2387 Feb 07 j 03:23	11°♒28'46	
inferior conj	-2387 Feb 14 j 12:55	6°♒55'28	3°36'12
minimum elong	-2387 Feb 14 j 16:06	6°♒49'04	3°35'42
min. Earth dist.	-2387 Feb 17 j 22:54	4°♒11'38	0.58793 AU
morning rise	-2387 Feb 22 j 01:11	1°♒30'21	
	-2387 Feb 26 j 10:01	30°℞♑	
direct	-2387 Feb 28 j 05:40	29°♑51'24	
	-2387 Mar 02 j 01:44	0°♒	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2387 Mar 02 j 15:45	0°♒06'17	
morning max el	-2387 Mar 14 j 12:35	7°♒27'40	26°45'26
	-2387 Mar 31 j 10:16	0°♓	
morning set	-2387 Apr 13 j 06:06	24°♓07'38	
	-2387 Apr 16 j 00:31	0°♈	
asc. node	-2387 Apr 18 j 07:07	4°♈56'05	
superior conj	-2387 Apr 20 j 08:12	9°♈24'46	0°21'24
minimum elong	-2387 Apr 20 j 07:16	9°♈19'37	0°21'12
max. Earth dist.	-2387 Apr 20 j 08:04	9°♈24'02	1.32503 AU
evening rise	-2387 Apr 27 j 08:28	24°♈32'19	
	-2387 Apr 30 j 00:20	0°♉	
	-2387 May 17 j 17:23	0°♊	
evening max el	-2387 May 26 j 18:14	10°♊31'40	26°29'23
desc. node	-2387 May 29 j 14:46	13°♊02'13	
retrograde	-2387 Jun 09 j 19:26	17°♊48'44	
evening set	-2387 Jun 16 j 07:17	16°♊01'55	
min. Earth dist.	-2387 Jun 20 j 07:31	13°♊22'36	0.59827 AU
inferior conj	-2387 Jun 23 j 16:06	10°♊42'09	-4°-29'-34
minimum elong	-2387 Jun 23 j 16:35	10°♊41'11	4°29'31
morning rise	-2387 Jul 01 j 05:18	6°♊04'56	
direct	-2387 Jul 03 j 16:41	5°♊42'36	
morning max el	-2387 Jul 11 j 05:06	9°♊20'22	18°17'28
asc. node	-2387 Jul 15 j 06:27	14°♊06'31	
	-2387 Jul 24 j 16:59	0°♋	
morning set	-2387 Jul 27 j 04:34	4°♋40'48	
superior conj	-2387 Aug 05 j 15:33	22°♋23'54	1°43'51
minimum elong	-2387 Aug 05 j 17:55	22°♋34'41	1°43'47
	-2387 Aug 09 j 21:24	0°♌	
max. Earth dist.	-2387 Aug 13 j 03:54	5°♌40'26	1.40736 AU
evening rise	-2387 Aug 18 j 00:55	13°♌50'24	
desc. node	-2387 Aug 25 j 14:07	25°♌51'42	
	-2387 Aug 28 j 07:02	0°♍	
greatest brilliancy	-2387 Sep 15 j 16:02	25°♍34'23	-0.2m
	-2387 Sep 19 j 11:35	0°♎	
evening max el	-2387 Sep 21 j 06:35	1°♎52'41	23°09'48
retrograde	-2387 Oct 01 j 11:58	7°♎55'50	
evening set	-2387 Oct 06 j 08:13	5°♎56'46	
asc. node	-2387 Oct 11 j 05:35	0°♎14'49	
	-2387 Oct 11 j 09:54	30°℞♍	
inferior conj	-2387 Oct 11 j 17:04	29°♍35'20	0°09'54
minimum elong	-2387 Oct 11 j 16:50	29°♍36'08	0°09'48
transit middle	-2387 Oct 11 j 16:50	29°♍36'08	0°09'48
transit begin	-2387 Oct 11 j 14:40	29°♍43'34	
transit end	-2387 Oct 11 j 19:00	29°♍28'42	
min. Earth dist.	-2387 Oct 11 j 10:22	29°♍58'21	0.67513 AU
morning rise	-2387 Oct 17 j 01:27	23°♍22'11	
direct	-2387 Oct 21 j 06:41	21°♍43'49	
morning max el	-2387 Oct 30 j 02:17	26°♍55'44	21°32'48
	-2387 Nov 01 j 21:35	0°♎	
greatest brilliancy	-2387 Nov 04 j 04:24	2°♎46'05	-0.4m
desc. node	-2387 Nov 21 j 13:38	27°♎21'44	
	-2387 Nov 23 j 07:21	0°♏	
morning set	-2387 Nov 30 j 11:34	11°♏08'38	
max. Earth dist.	-2387 Dec 07 j 13:54	22°♏36'34	1.41946 AU
	-2387 Dec 11 j 23:51	0°♐	
superior conj	-2387 Dec 15 j 01:17	5°♐15'00	-1°-54'-48
minimum elong	-2387 Dec 14 j 22:39	5°♐03'35	1°54'47
evening rise	-2387 Dec 26 j 01:38	24°♐57'32	
	-2387 Dec 28 j 20:00	0°♑	
asc. node	-2386 Jan 07 j 04:46	15°♑46'20	
evening max el	-2386 Jan 11 j 13:26	21°♑08'01	18°09'40
retrograde	-2386 Jan 18 j 08:46	24°♑35'58	
evening set	-2386 Jan 20 j 23:27	24°♑05'50	
inferior conj	-2386 Jan 27 j 18:48	19°♑10'19	3°57'04
minimum elong	-2386 Jan 27 j 19:23	19°♑08'58	3°57'00
min. Earth dist.	-2386 Jan 30 j 23:17	16°♑13'18	0.60843 AU
morning rise	-2386 Feb 03 j 12:38	13°♑26'47	
direct	-2386 Feb 10 j 08:58	11°♑11'38	
desc. node	-2386 Feb 17 j 12:50	13°♑23'13	
morning max el	-2386 Feb 24 j 12:31	18°♑55'37	27°32'50
	-2386 Mar 05 j 21:55	0°♒	
	-2386 Mar 24 j 02:55	0°♓	
morning set	-2386 Mar 28 j 13:21	8°♓51'40	
max. Earth dist.	-2386 Apr 03 j 20:46	22°♓17'40	1.32547 AU
superior conj	-2386 Apr 04 j 19:31	24°♓21'51	0°-3'-47
minimum elong	-2386 Apr 04 j 19:42	24°♓22'47	0°03'46
behind sun begin	-2386 Apr 04 j 14:46	23°♓55'54	
behind sun end	-2386 Apr 05 j 00:37	24°♓49'41	
asc. node	-2386 Apr 05 j 04:07	25°♓08'52	
	-2386 Apr 07 j 09:24	0°♈	
evening rise	-2386 Apr 11 j 19:08	9°♈28'42	
	-2386 Apr 22 j 11:03	0°♉	
evening max el	-2386 May 08 j 13:28	21°♉44'49	25°16'29
desc. node	-2386 May 16 j 11:50	27°♉27'52	
retrograde	-2386 May 22 j 14:31	28°♉54'21	
evening set	-2386 May 28 j 00:28	27°♉46'11	
min. Earth dist.	-2386 Jun 02 j 01:29	24°♉58'46	0.57831 AU
inferior conj	-2386 Jun 05 j 05:01	22°♉48'48	-4°-16'-12
minimum elong	-2386 Jun 05 j 01:33	22°♉54'49	4°15'47
morning rise	-2386 Jun 13 j 06:34	18°♉33'21	
direct	-2386 Jun 15 j 18:44	18°♉14'18	
morning max el	-2386 Jun 24 j 08:59	22°♉15'53	18°57'44
	-2386 Jun 30 j 14:33	0°♊	
asc. node	-2386 Jul 02 j 03:28	2°♊25'26	
morning set	-2386 Jul 11 j 00:02	18°♊44'07	
	-2386 Jul 16 j 17:26	0°♋	
superior conj	-2386 Jul 19 j 12:58	5°♋26'38	1°48'31
minimum elong	-2386 Jul 19 j 13:00	5°♋26'47	1°48'35
max. Earth dist.	-2386 Jul 26 j 06:39	17°♋57'25	1.38756 AU
evening rise	-2386 Jul 30 j 05:22	24°♋54'36	
	-2386 Aug 02 j 05:14	0°♌	
desc. node	-2386 Aug 12 j 11:07	16°♌18'24	
	-2386 Aug 21 j 23:43	0°♍	
evening max el	-2386 Sep 03 j 18:28	15°♍23'40	24°29'43
retrograde	-2386 Sep 15 j 01:52	22°♍00'40	
evening set	-2386 Sep 20 j 13:01	19°♍42'37	
min. Earth dist.	-2386 Sep 25 j 05:46	14°♍18'38	0.67287 AU
inferior conj	-2386 Sep 25 j 22:56	13°♍21'08	0°-44'-17
minimum elong	-2386 Sep 26 j 00:00	13°♍17'34	0°43'49
asc. node	-2386 Sep 28 j 02:38	10°♍33'33	
morning rise	-2386 Oct 01 j 11:18	7°♍14'05	
direct	-2386 Oct 05 j 03:51	5°♍55'57	
morning max el	-2386 Oct 13 j 00:03	10°♍28'55	20°18'50
greatest brilliancy	-2386 Oct 19 j 16:55	18°♍35'37	-0.6m
	-2386 Oct 27 j 16:34	0°♎	
desc. node	-2386 Nov 08 j 10:37	17°♎49'42	
morning set	-2386 Nov 09 j 10:01	19°♎20'08	
	-2386 Nov 16 j 05:36	0°♏	
max. Earth dist.	-2386 Nov 19 j 22:57	5°♏55'58	1.43563 AU
superior conj	-2386 Nov 25 j 17:45	15°♏20'12	-1°-36'-52
minimum elong	-2386 Nov 25 j 11:08	14°♏52'59	1°36'22
	-2386 Dec 04 j 10:49	0°♐	
evening rise	-2386 Dec 08 j 11:55	6°♐59'44	
	-2386 Dec 22 j 10:57	0°♑	
asc. node	-2386 Dec 25 j 01:48	3°♑17'09	
evening max el	-2386 Dec 26 j 01:37	4°♑20'39	18°10'51
retrograde	-2385 Jan 01 j 14:25	7°♑49'02	
evening set	-2385 Jan 04 j 08:36	7°♑10'35	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

inferior conj	-2385 Jan 10 j 16:49	1°♑53'56	3°53'28
minimum elong	-2385 Jan 10 j 15:18	1°♑57'55	3°53'17
	-2385 Jan 12 j 11:46	30°℞♐	
min. Earth dist.	-2385 Jan 13 j 08:34	29°♐06'10	0.62782 AU
morning rise	-2385 Jan 16 j 20:08	25°♐57'34	
direct	-2385 Jan 23 j 21:01	23°♐17'16	
desc. node	-2385 Feb 04 j 09:54	28°♐53'13	
	-2385 Feb 05 j 15:27	0°♑	
morning max el	-2385 Feb 06 j 18:21	1°♑04'39	27°43'56
	-2385 Feb 28 j 00:25	0°♒	
morning set	-2385 Mar 12 j 15:07	23°♒16'00	
	-2385 Mar 15 j 21:44	0°♓	
max. Earth dist.	-2385 Mar 18 j 05:19	4°♓54'00	1.32956 AU
superior conj	-2385 Mar 20 j 04:48	9°♓09'03	0°-29'-33
minimum elong	-2385 Mar 20 j 06:09	9°♓16'23	0°29'18
asc. node	-2385 Mar 23 j 01:08	15°♓19'03	
evening rise	-2385 Mar 27 j 06:51	24°♓24'15	
	-2385 Mar 29 j 23:43	0°♈	
	-2385 Apr 17 j 19:12	0°♉	
evening max el	-2385 Apr 20 j 04:46	2°♉28'29	23°45'46
desc. node	-2385 May 03 j 08:54	9°♉19'15	
retrograde	-2385 May 03 j 21:43	9°♉19'54	
evening set	-2385 May 07 j 22:30	8°♉43'57	
min. Earth dist.	-2385 May 14 j 15:47	5°♉34'16	0.56185 AU
inferior conj	-2385 May 16 j 21:45	4°♉12'27	-3°-23'-52
minimum elong	-2385 May 16 j 15:24	4°♉22'08	3°22'22
morning rise	-2385 May 25 j 12:02	0°♉13'20	
	-2385 May 26 j 22:10	30°℞♈	
direct	-2385 May 28 j 01:32	29°♈56'38	
	-2385 May 29 j 04:35	0°♉	
morning max el	-2385 Jun 07 j 03:37	4°♉36'46	19°58'39
asc. node	-2385 Jun 19 j 00:30	21°♉21'54	
	-2385 Jun 23 j 12:43	0°♊	
morning set	-2385 Jun 25 j 02:57	3°♊11'43	
superior conj	-2385 Jul 03 j 00:37	19°♊13'40	1°44'19
minimum elong	-2385 Jul 02 j 23:01	19°♊05'42	1°44'18
max. Earth dist.	-2385 Jul 08 j 10:31	29°♊47'20	1.36866 AU
	-2385 Jul 08 j 13:11	0°♋	
evening rise	-2385 Jul 12 j 09:33	7°♋08'37	
	-2385 Jul 26 j 00:40	0°♌	
desc. node	-2385 Jul 30 j 08:08	6°♌28'53	
evening max el	-2385 Aug 17 j 05:19	28°♌56'35	25°42'51
	-2385 Aug 18 j 07:56	0°♍	
retrograde	-2385 Aug 29 j 11:26	5°♍59'03	
evening set	-2385 Sep 04 j 13:29	3°♍24'42	
	-2385 Sep 07 j 19:10	30°℞♌	
min. Earth dist.	-2385 Sep 08 j 21:42	28°♌37'28	0.66736 AU
inferior conj	-2385 Sep 10 j 02:04	27°♌06'44	-1°-38'-21
minimum elong	-2385 Sep 10 j 04:26	26°♌59'10	1°37'24
asc. node	-2385 Sep 14 j 23:41	21°♌44'34	
morning rise	-2385 Sep 15 j 20:05	21°♌08'46	
direct	-2385 Sep 19 j 02:03	20°♌07'46	
morning max el	-2385 Sep 26 j 05:08	24°♌10'46	19°18'15
	-2385 Oct 01 j 01:47	0°♍	
greatest brilliancy	-2385 Oct 06 j 13:46	7°♍51'10	-0.7m
morning set	-2385 Oct 19 j 13:46	27°♍54'15	
	-2385 Oct 20 j 21:58	0°♎	
desc. node	-2385 Oct 26 j 07:37	8°♎26'57	
max. Earth dist.	-2385 Nov 02 j 13:44	19°♎51'20	1.44588 AU
superior conj	-2385 Nov 05 j 07:52	24°♎13'23	-1°-1'-29
minimum elong	-2385 Nov 05 j 00:51	23°♎45'30	1°00'42
	-2385 Nov 08 j 22:43	0°♏	
evening rise	-2385 Nov 20 j 01:10	18°♏05'36	
	-2385 Nov 27 j 06:05	0°♐	

evening max el	-2385 Dec 09 j 13:54	17°♐41'49	18°30'43
asc. node	-2385 Dec 11 j 22:52	19°♐46'41	
retrograde	-2385 Dec 16 j 04:36	21°♐21'29	
evening set	-2385 Dec 19 j 03:17	20°♐33'26	
inferior conj	-2385 Dec 25 j 03:01	14°♐57'57	3°32'41
minimum elong	-2385 Dec 25 j 00:20	15°♐05'48	3°32'08
min. Earth dist.	-2385 Dec 27 j 03:52	12°♐35'27	0.64438 AU
morning rise	-2385 Dec 30 j 20:04	8°♐52'40	
direct	-2384 Jan 06 j 16:31	6°♐01'55	
morning max el	-2384 Jan 20 j 03:27	13°♐46'10	27°19'44
desc. node	-2384 Jan 22 j 06:57	16°♐00'09	
	-2384 Feb 02 j 08:13	0°♑	
	-2384 Feb 20 j 14:17	0°♒	
morning set	-2384 Feb 24 j 08:36	7°♒11'13	
max. Earth dist.	-2384 Feb 29 j 05:39	16°♒59'51	1.33766 AU
superior conj	-2384 Mar 03 j 10:11	23°♒40'00	0°-54'-56
minimum elong	-2384 Mar 03 j 12:39	23°♒53'01	0°54'31
	-2384 Mar 06 j 09:39	0°♓	
asc. node	-2384 Mar 08 j 22:12	5°♓22'27	
evening rise	-2384 Mar 10 j 17:51	9°♓12'30	
	-2384 Mar 21 j 18:11	0°♈	
evening max el	-2384 Mar 31 j 22:32	13°♈10'42	22°11'41
retrograde	-2384 Apr 13 j 17:12	19°♈25'02	
evening set	-2384 Apr 16 j 13:35	19°♈07'05	
desc. node	-2384 Apr 19 j 05:58	18°♈19'58	
min. Earth dist.	-2384 Apr 25 j 05:31	15°♈22'45	0.55227 AU
inferior conj	-2384 Apr 25 j 22:10	14°♈59'13	-1°-50'-12
minimum elong	-2384 Apr 25 j 17:17	15°♈06'08	1°48'35
morning rise	-2384 May 04 j 22:41	11°♈02'51	
direct	-2384 May 07 j 16:55	10°♈45'40	
morning max el	-2384 May 19 j 11:31	16°♈17'05	21°18'52
	-2384 May 29 j 23:23	0°♉	
asc. node	-2384 Jun 04 j 21:33	10°♉46'54	
morning set	-2384 Jun 08 j 10:55	17°♉57'13	
	-2384 Jun 14 j 05:21	0°♊	
superior conj	-2384 Jun 15 j 22:19	3°♊33'03	1°33'25
minimum elong	-2384 Jun 15 j 19:53	3°♊20'28	1°33'14
max. Earth dist.	-2384 Jun 19 j 21:32	11°♊38'09	1.35258 AU
evening rise	-2384 Jun 24 j 08:35	20°♊20'17	
	-2384 Jun 29 j 14:52	0°♋	
desc. node	-2384 Jul 16 j 05:10	26°♋16'04	
	-2384 Jul 18 j 23:06	0°♌	
evening max el	-2384 Jul 29 j 16:44	12°♌28'25	26°41'10
retrograde	-2384 Aug 11 j 16:09	19°♌45'18	
evening set	-2384 Aug 18 j 07:31	17°♌00'45	
min. Earth dist.	-2384 Aug 22 j 07:53	12°♌51'39	0.65838 AU
inferior conj	-2384 Aug 24 j 00:36	10°♌49'54	-2°-30'-24
minimum elong	-2384 Aug 24 j 04:05	10°♌39'29	2°29'10
morning rise	-2384 Aug 30 j 01:46	5°♌04'04	
asc. node	-2384 Aug 31 j 20:45	4°♌23'36	
direct	-2384 Sep 01 j 23:35	4°♌16'35	
morning max el	-2384 Sep 08 j 16:02	7°♌58'29	18°33'15
	-2384 Sep 23 j 23:08	0°♍	
morning set	-2384 Sep 28 j 17:30	7°♍41'19	
desc. node	-2384 Oct 12 j 04:38	29°♍10'10	
	-2384 Oct 12 j 17:16	0°♎	
superior conj	-2384 Oct 14 j 07:58	2°♎32'30	0°-13'-43
minimum elong	-2384 Oct 14 j 06:08	2°♎25'20	0°13'30
behind sun begin	-2384 Oct 13 j 23:42	1°♎59'56	
behind sun end	-2384 Oct 14 j 12:35	2°♎50'44	
max. Earth dist.	-2384 Oct 15 j 07:29	4°♎05'08	1.44911 AU
evening rise	-2384 Oct 30 j 14:10	28°♎09'55	
	-2384 Oct 31 j 17:58	0°♏	
	-2384 Nov 20 j 22:51	0°♐	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening max el	-2384 Nov 21 j 23:57	1°♐07'51	19°08'05
asc. node	-2384 Nov 27 j 19:56	5°♐00'15	
retrograde	-2384 Nov 28 j 23:40	5°♐07'46	
evening set	-2384 Dec 02 j 04:38	4°♐08'08	
	-2384 Dec 06 j 12:45	30°℞♏	
inferior conj	-2384 Dec 07 j 22:03	28°♏16'43	2°59'57
minimum elong	-2384 Dec 07 j 19:02	28°♏26'15	2°59'05
min. Earth dist.	-2384 Dec 09 j 08:25	26°♏28'22	0.65736 AU
morning rise	-2384 Dec 13 j 08:32	22°♏05'19	
direct	-2384 Dec 19 j 18:26	19°♏18'13	
morning max el	-2383 Jan 01 j 13:03	26°♏47'59	26°26'07
	-2383 Jan 04 j 13:16	0°♐	
desc. node	-2383 Jan 08 j 04:01	4°♐16'09	
	-2383 Jan 25 j 22:49	0°♑	
morning set	-2383 Feb 06 j 14:01	20°♑25'22	
max. Earth dist.	-2383 Feb 10 j 18:36	28°♑29'41	1.35029 AU
	-2383 Feb 11 j 12:51	0°♒	
superior conj	-2383 Feb 15 j 09:25	7°♒47'41	-1°-18'-35
minimum elong	-2383 Feb 15 j 12:40	8°♒04'21	1°18'10
evening rise	-2383 Feb 23 j 02:17	23°♒47'05	
asc. node	-2383 Feb 23 j 19:15	25°♒14'11	
	-2383 Feb 26 j 03:56	0°♓	
evening max el	-2383 Mar 14 j 00:41	24°♓16'44	20°46'21
retrograde	-2383 Mar 25 j 06:26	29°♓39'22	
evening set	-2383 Mar 27 j 13:27	29°♓26'51	
inferior conj	-2383 Apr 05 j 17:08	25°♓29'31	0°06'58
minimum elong	-2383 Apr 05 j 17:27	25°♓29'03	0°06'51
transit middle	-2383 Apr 05 j 17:27	25°♓29'03	0°06'51
transit begin	-2383 Apr 05 j 13:47	25°♓34'20	
transit end	-2383 Apr 05 j 21:08	25°♓23'47	
desc. node	-2383 Apr 06 j 03:03	25°♓15'16	
min. Earth dist.	-2383 Apr 06 j 19:32	24°♓51'39	0.55189 AU
morning rise	-2383 Apr 14 j 20:02	21°♓17'45	
direct	-2383 Apr 18 j 04:44	20°♓53'10	
morning max el	-2383 May 01 j 09:11	27°♓16'55	22°53'42
	-2383 May 04 j 00:46	0°♈	
asc. node	-2383 May 22 j 18:37	0°♉32'10	
	-2383 May 22 j 12:22	0°♉	
morning set	-2383 May 23 j 21:52	2°♉53'28	
superior conj	-2383 May 31 j 02:48	18°♉13'39	1°17'29
minimum elong	-2383 May 31 j 00:12	17°♉59'50	1°17'09
max. Earth dist.	-2383 Jun 02 j 18:33	23°♉49'54	1.34018 AU
	-2383 Jun 05 j 18:30	0°♊	
evening rise	-2383 Jun 07 j 21:21	4°♊14'07	
	-2383 Jun 22 j 08:51	0°♋	
desc. node	-2383 Jul 03 j 02:12	15°♋29'06	
evening max el	-2383 Jul 12 j 04:17	25°♋49'15	27°17'04
	-2383 Jul 17 j 04:40	0°♌	
retrograde	-2383 Jul 25 j 15:17	3°♌10'52	
evening set	-2383 Aug 01 j 16:18	0°♌25'41	
	-2383 Aug 02 j 04:59	30°℞♋	
min. Earth dist.	-2383 Aug 05 j 10:05	26°♋53'33	0.64572 AU
inferior conj	-2383 Aug 07 j 16:10	24°♋25'29	-3°-18'-2
minimum elong	-2383 Aug 07 j 20:18	24°♋14'09	3°16'51
morning rise	-2383 Aug 14 j 01:55	18°♋55'05	
direct	-2383 Aug 16 j 18:02	18°♋17'43	
asc. node	-2383 Aug 18 j 17:50	18°♋38'30	
morning max el	-2383 Aug 23 j 06:23	21°♋46'46	18°05'10
	-2383 Aug 29 j 14:29	0°♌	
morning set	-2383 Sep 10 j 01:04	18°♌49'04	
	-2383 Sep 16 j 17:34	0°♍	
superior conj	-2383 Sep 23 j 16:03	11°♍18'58	0°34'27
minimum elong	-2383 Sep 23 j 19:57	11°♍34'41	0°33'57
max. Earth dist.	-2383 Sep 28 j 01:26	18°♍19'54	1.44502 AU
desc. node	-2383 Sep 29 j 01:39	19°♍55'48	
	-2383 Oct 05 j 11:41	0°♎	
evening rise	-2383 Oct 10 j 05:03	7°♎19'45	
	-2383 Oct 25 j 02:53	0°♏	
greatest brilliancy	-2383 Oct 29 j 02:04	5°♏41'31	-0.6m
evening max el	-2383 Nov 05 j 05:38	14°♏35'25	20°01'15
retrograde	-2383 Nov 12 j 20:52	19°♏03'36	
asc. node	-2383 Nov 14 j 16:58	18°♏44'06	
evening set	-2383 Nov 16 j 10:09	17°♏50'00	
inferior conj	-2383 Nov 21 j 23:07	11°♏45'38	2°18'48
minimum elong	-2383 Nov 21 j 20:24	11°♏54'42	2°17'50
min. Earth dist.	-2383 Nov 22 j 20:24	10°♏34'52	0.66661 AU
morning rise	-2383 Nov 27 j 06:02	5°♏30'37	
direct	-2383 Dec 03 j 01:52	2°♏57'37	
morning max el	-2383 Dec 14 j 21:46	9°♏59'14	25°11'54
desc. node	-2383 Dec 26 j 01:04	23°♏20'50	
	-2383 Dec 30 j 19:34	0°♐	
	-2382 Jan 18 j 13:31	0°♑	
morning set	-2382 Jan 20 j 02:20	2°♑43'51	
max. Earth dist.	-2382 Jan 23 j 20:24	9°♑36'01	1.36731 AU
superior conj	-2382 Jan 29 j 23:36	21°♑23'38	-1°-38'-43
minimum elong	-2382 Jan 30 j 02:58	21°♑40'15	1°38'27
	-2382 Feb 03 j 06:47	0°♒	
evening rise	-2382 Feb 07 j 06:05	8°♒01'54	
asc. node	-2382 Feb 10 j 16:18	14°♒49'09	
	-2382 Feb 19 j 13:00	0°♓	
evening max el	-2382 Feb 24 j 13:36	5°♓58'31	19°37'10
retrograde	-2382 Mar 06 j 02:19	10°♓31'03	
evening set	-2382 Mar 08 j 08:18	10°♓17'02	
inferior conj	-2382 Mar 16 j 20:54	6°♓12'49	1°54'41
minimum elong	-2382 Mar 17 j 01:11	6°♓06'00	1°53'21
min. Earth dist.	-2382 Mar 19 j 09:59	4°♓36'09	0.56079 AU
desc. node	-2382 Mar 24 j 00:07	2°♓08'32	
morning rise	-2382 Mar 25 j 14:36	1°♓32'24	
direct	-2382 Mar 30 j 00:35	0°♓48'39	
morning max el	-2382 Apr 13 j 00:41	7°♓52'04	24°33'27
	-2382 Apr 29 j 04:41	0°♈	
morning set	-2382 May 08 j 10:00	17°♈54'34	
asc. node	-2382 May 09 j 15:42	20°♈31'37	
	-2382 May 14 j 01:04	0°♉	
superior conj	-2382 May 15 j 11:37	3°♉07'26	0°57'46
minimum elong	-2382 May 15 j 09:22	2°♉55'18	0°57'23
max. Earth dist.	-2382 May 17 j 00:23	6°♉26'00	1.33153 AU
evening rise	-2382 May 22 j 19:49	18°♉37'33	
	-2382 May 28 j 15:56	0°♊	
	-2382 Jun 16 j 18:08	0°♋	
desc. node	-2382 Jun 19 j 23:13	3°♋53'34	
evening max el	-2382 Jun 24 j 13:56	8°♋46'05	27°24'06
retrograde	-2382 Jul 08 j 08:08	16°♋07'09	
evening set	-2382 Jul 15 j 12:22	13°♋33'53	
min. Earth dist.	-2382 Jul 19 j 02:26	10°♋32'58	0.62941 AU
inferior conj	-2382 Jul 21 j 21:59	7°♋47'21	-3°-57'-40
minimum elong	-2382 Jul 22 j 01:52	7°♋37'47	3°56'53
morning rise	-2382 Jul 28 j 17:34	2°♋35'49	
direct	-2382 Jul 31 j 06:23	2°♋05'46	
asc. node	-2382 Aug 05 j 14:55	4°♋20'59	
morning max el	-2382 Aug 06 j 21:32	5°♋30'13	17°54'58
	-2382 Aug 22 j 17:40	0°♌	
morning set	-2382 Aug 23 j 08:08	1°♌04'03	
superior conj	-2382 Sep 04 j 00:33	21°♌18'32	1°12'18
minimum elong	-2382 Sep 04 j 06:01	21°♌41'28	1°11'44
	-2382 Sep 09 j 06:39	0°♍	
max. Earth dist.	-2382 Sep 10 j 16:33	2°♍17'35	1.43421 AU
desc. node	-2382 Sep 15 j 22:37	10°♍40'33	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening rise	-2382 Sep 19 j 10:10	16°♍07'07	
	-2382 Sep 28 j 12:45	0°♎	
greatest brilliancy	-2382 Oct 13 j 20:32	21°♎45'08	-0.5m
evening max el	-2382 Oct 19 j 05:29	28°♎02'04	21°07'40
	-2382 Oct 21 j 07:19	0°♏	
retrograde	-2382 Oct 27 j 17:56	3°♏05'11	
evening set	-2382 Oct 31 j 17:44	1°♏35'11	
asc. node	-2382 Nov 01 j 14:02	0°♏52'44	
	-2382 Nov 02 j 11:26	30°℞♎	
inferior conj	-2382 Nov 06 j 03:53	25°♎21'12	1°31'41
minimum elong	-2382 Nov 06 j 01:54	25°♎28'00	1°30'53
min. Earth dist.	-2382 Nov 06 j 13:33	24°♎48'03	0.67239 AU
morning rise	-2382 Nov 11 j 09:43	19°♎04'50	
direct	-2382 Nov 16 j 14:05	16°♎52'01	
morning max el	-2382 Nov 27 j 06:30	23°♎14'11	23°46'45
	-2382 Dec 03 j 05:42	0°♏	
desc. node	-2382 Dec 12 j 22:05	12°♏59'17	
	-2382 Dec 24 j 05:13	0°♐	
morning set	-2381 Jan 01 j 15:18	13°♐49'06	
max. Earth dist.	-2381 Jan 05 j 16:20	20°♐50'04	1.38744 AU
	-2381 Jan 10 j 17:56	0°♑	
superior conj	-2381 Jan 13 j 00:49	4°♑16'18	-1°-52'-54
minimum elong	-2381 Jan 13 j 03:08	4°♑27'15	1°52'52
evening rise	-2381 Jan 22 j 02:38	21°♑49'07	
	-2381 Jan 26 j 08:53	0°♒	
asc. node	-2381 Jan 28 j 13:20	4°♒00'27	
evening max el	-2381 Feb 07 j 12:21	18°♒14'45	18°47'21
retrograde	-2381 Feb 15 j 15:08	22°♒10'13	
evening set	-2381 Feb 18 j 00:14	21°♒51'18	
inferior conj	-2381 Feb 25 j 19:10	17°♒29'37	3°09'44
minimum elong	-2381 Feb 25 j 23:31	17°♒21'34	3°08'48
min. Earth dist.	-2381 Mar 01 j 02:13	15°♒04'49	0.57677 AU
morning rise	-2381 Mar 05 j 18:56	12°♒18'42	
desc. node	-2381 Mar 10 j 21:12	11°♒03'03	
direct	-2381 Mar 11 j 09:13	11°♒02'26	
morning max el	-2381 Mar 25 j 16:19	18°♒30'05	26°03'47
	-2381 Apr 04 j 07:12	0°♓	
	-2381 Apr 21 j 12:06	0°♈	
morning set	-2381 Apr 22 j 21:38	2°♈54'16	
asc. node	-2381 Apr 26 j 12:44	10°♈39'45	
superior conj	-2381 Apr 29 j 22:45	18°♈07'25	0°35'16
minimum elong	-2381 Apr 29 j 21:15	17°♈59'14	0°34'59
max. Earth dist.	-2381 Apr 30 j 11:46	19°♈18'37	1.32640 AU
	-2381 May 05 j 10:39	0°♉	
evening rise	-2381 May 07 j 00:53	3°♉20'09	
	-2381 May 21 j 12:03	0°♊	
desc. node	-2381 Jun 06 j 20:15	21°♊09'11	
evening max el	-2381 Jun 06 j 19:02	21°♊06'15	26°58'36
retrograde	-2381 Jun 20 j 18:05	28°♊25'29	
evening set	-2381 Jun 27 j 15:37	26°♊17'57	
min. Earth dist.	-2381 Jul 01 j 08:37	23°♊35'58	0.61009 AU
inferior conj	-2381 Jul 04 j 14:43	20°♊47'40	-4°-23'-48
minimum elong	-2381 Jul 04 j 16:56	20°♊42'52	4°23'33
morning rise	-2381 Jul 11 j 21:15	15°♊57'50	
direct	-2381 Jul 14 j 08:44	15°♊33'07	
morning max el	-2381 Jul 21 j 10:42	19°♊02'34	18°03'39
asc. node	-2381 Jul 23 j 12:00	21°♊16'21	
	-2381 Jul 29 j 11:13	0°♋	
morning set	-2381 Aug 06 j 09:02	14°♋11'00	
	-2381 Aug 15 j 00:28	0°♌	
superior conj	-2381 Aug 16 j 12:36	2°♌40'33	1°36'07
minimum elong	-2381 Aug 16 j 16:24	2°♌57'23	1°35'53
max. Earth dist.	-2381 Aug 24 j 02:17	15°♌41'01	1.41811 AU
evening rise	-2381 Aug 30 j 00:44	25°♌22'49	
	-2381 Sep 01 j 22:43	0°♍	
desc. node	-2381 Sep 02 j 19:36	1°♍21'39	
	-2381 Sep 22 j 10:26	0°♎	
greatest brilliancy	-2381 Sep 27 j 05:30	6°♎08'35	-0.3m
evening max el	-2381 Oct 01 j 23:20	11°♎28'40	22°23'39
retrograde	-2381 Oct 11 j 13:19	17°♎10'30	
evening set	-2381 Oct 16 j 01:35	15°♎22'14	
asc. node	-2381 Oct 19 j 11:06	11°♎42'28	
inferior conj	-2381 Oct 21 j 10:28	9°♎02'13	0°40'33
minimum elong	-2381 Oct 21 j 09:32	9°♎05'26	0°40'09
min. Earth dist.	-2381 Oct 21 j 09:33	9°♎05'21	0.67499 AU
morning rise	-2381 Oct 26 j 17:21	2°♎47'04	
direct	-2381 Oct 31 j 06:35	0°♎56'24	
morning max el	-2381 Nov 09 j 18:08	6°♎34'02	22°20'07
greatest brilliancy	-2381 Nov 14 j 10:29	11°♎50'27	-0.3m
	-2381 Nov 27 j 17:42	0°♏	
desc. node	-2381 Nov 29 j 19:05	3°♏02'06	
morning set	-2381 Dec 12 j 23:47	23°♏30'22	
	-2381 Dec 16 j 22:40	0°♐	
max. Earth dist.	-2381 Dec 18 j 13:43	2°♐43'40	1.40827 AU
superior conj	-2381 Dec 26 j 08:09	16°♐13'19	-1°-57'-48
minimum elong	-2381 Dec 26 j 07:47	16°♐11'42	1°57'52
	-2380 Jan 02 j 20:32	0°♑	
evening rise	-2380 Jan 05 j 12:56	5°♑01'35	
asc. node	-2380 Jan 15 j 10:20	22°♑40'31	
	-2380 Jan 20 j 19:42	0°♒	
evening max el	-2380 Jan 21 j 18:36	0°♒59'09	18°17'42
retrograde	-2380 Jan 28 j 22:24	4°♒33'05	
evening set	-2380 Jan 31 j 11:00	4°♒07'29	
	-2380 Feb 06 j 21:36	30°℞♑	
inferior conj	-2380 Feb 07 j 14:07	29°♑24'43	3°48'35
minimum elong	-2380 Feb 07 j 16:12	29°♑20'14	3°48'20
min. Earth dist.	-2380 Feb 10 j 23:00	26°♑32'07	0.59658 AU
morning rise	-2380 Feb 14 j 18:07	23°♑50'28	
direct	-2380 Feb 21 j 06:31	21°♑55'21	
desc. node	-2380 Feb 25 j 18:16	22°♑47'03	
morning max el	-2380 Mar 06 j 12:50	29°♑36'15	27°09'52
	-2380 Mar 06 j 22:28	0°♒	
	-2380 Mar 28 j 03:05	0°♓	
morning set	-2380 Apr 06 j 07:03	17°♓46'06	
asc. node	-2380 Apr 12 j 09:44	0°♈52'00	
	-2380 Apr 12 j 00:13	0°♈	
superior conj	-2380 Apr 13 j 10:28	3°♈07'22	0°10'51
minimum elong	-2380 Apr 13 j 09:59	3°♈04'43	0°10'45
behind sun begin	-2380 Apr 13 j 06:18	2°♈44'29	
behind sun end	-2380 Apr 13 j 13:41	3°♈24'57	
max. Earth dist.	-2380 Apr 13 j 00:57	2°♈15'11	1.32475 AU
evening rise	-2380 Apr 20 j 10:05	18°♈13'30	
	-2380 Apr 26 j 06:42	0°♉	
	-2380 May 16 j 02:09	0°♊	
evening max el	-2380 May 18 j 17:41	2°♊42'35	26°01'19
desc. node	-2380 May 23 j 17:19	6°♊47'01	
retrograde	-2380 Jun 01 j 19:36	9°♊58'07	
evening set	-2380 Jun 07 j 21:50	8°♊27'26	
min. Earth dist.	-2380 Jun 12 j 06:20	5°♊46'45	0.58952 AU
inferior conj	-2380 Jun 15 j 14:42	3°♊16'23	-4°-28'-1
minimum elong	-2380 Jun 15 j 13:35	3°♊18'29	4°27'57
	-2380 Jun 20 j 11:50	30°℞♉	
morning rise	-2380 Jun 23 j 09:06	28°♉49'04	
direct	-2380 Jun 25 j 20:36	28°♉28'22	
	-2380 Jun 30 j 21:48	0°♊	
morning max el	-2380 Jul 03 j 18:53	2°♊14'31	18°32'07
asc. node	-2380 Jul 09 j 09:02	9°♊08'37	
morning set	-2380 Jul 19 j 22:51	27°♊56'22	
	-2380 Jul 21 j 00:29	0°♋	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2380 Jul 28 j 23:31	15°♋11'12	1°47'04
minimum elong	-2380 Jul 29 j 00:50	15°♋17'18	1°47'06
max. Earth dist.	-2380 Aug 05 j 06:11	28°♋18'56	1.39893 AU
	-2380 Aug 06 j 05:28	0°♌	
evening rise	-2380 Aug 09 j 14:19	5°♌43'59	
desc. node	-2380 Aug 19 j 16:37	21°♌54'48	
	-2380 Aug 25 j 02:09	0°♍	
evening max el	-2380 Sep 13 j 12:36	24°♍56'58	23°44'05
	-2380 Sep 19 j 20:39	0°♎	
retrograde	-2380 Sep 24 j 05:34	1°♎16'05	
	-2380 Sep 28 j 04:45	30°℞♍	
evening set	-2380 Sep 29 j 07:58	29°♍08'50	
min. Earth dist.	-2380 Oct 04 j 05:58	23°♍24'32	0.67452 AU
inferior conj	-2380 Oct 04 j 17:05	22°♍46'38	0°-12'-58
minimum elong	-2380 Oct 04 j 17:23	22°♍45'36	0°12'51
transit middle	-2380 Oct 04 j 17:23	22°♍45'36	0°12'51
transit begin	-2380 Oct 04 j 15:43	22°♍51'18	
transit end	-2380 Oct 04 j 19:04	22°♍39'53	
asc. node	-2380 Oct 05 j 08:09	21°♍55'23	
morning rise	-2380 Oct 10 j 02:56	16°♍35'31	
direct	-2380 Oct 14 j 02:26	15°♍06'11	
morning max el	-2380 Oct 22 j 11:35	20°♍01'06	20°59'48
greatest brilliancy	-2380 Oct 28 j 03:28	26°♍38'44	-0.5m
	-2380 Oct 30 j 16:15	0°♎	
desc. node	-2380 Nov 15 j 16:05	23°♎22'05	
	-2380 Nov 19 j 23:24	0°♏	
morning set	-2380 Nov 21 j 06:06	1°♏59'38	
max. Earth dist.	-2380 Nov 29 j 17:29	15°♏30'04	1.42690 AU
superior conj	-2380 Dec 06 j 16:04	27°♏01'41	-1°-49'-19
minimum elong	-2380 Dec 06 j 11:37	26°♏42'49	1°49'07
	-2380 Dec 08 j 09:56	0°♐	
evening rise	-2380 Dec 18 j 09:10	17°♐31'11	
	-2380 Dec 25 j 10:27	0°♑	
asc. node	-2379 Jan 01 j 07:21	10°♑39'49	
evening max el	-2379 Jan 04 j 05:29	14°♑03'42	18°07'55
retrograde	-2379 Jan 10 j 21:00	17°♑30'22	
evening set	-2379 Jan 13 j 13:02	16°♑56'56	
inferior conj	-2379 Jan 20 j 03:20	11°♑52'35	3°58'04
minimum elong	-2379 Jan 20 j 02:55	11°♑53'35	3°57'59
min. Earth dist.	-2379 Jan 23 j 03:07	8°♑56'40	0.61689 AU
morning rise	-2379 Jan 26 j 14:26	6°♑02'56	
direct	-2379 Feb 02 j 14:05	3°♑34'58	
desc. node	-2379 Feb 11 j 15:20	7°♑04'42	
morning max el	-2379 Feb 16 j 15:26	11°♑21'51	27°42'04
	-2379 Mar 03 j 07:59	0°♒	
	-2379 Mar 20 j 08:04	0°♓	
morning set	-2379 Mar 21 j 12:18	2°♓23'09	
max. Earth dist.	-2379 Mar 27 j 12:12	15°♓02'39	1.32666 AU
superior conj	-2379 Mar 28 j 21:11	18°♓01'34	0°-14'-41
minimum elong	-2379 Mar 28 j 21:51	18°♓05'14	0°14'33
behind sun begin	-2379 Mar 28 j 19:50	17°♓54'16	
behind sun end	-2379 Mar 28 j 23:52	18°♓16'12	
asc. node	-2379 Mar 30 j 06:46	21°♓04'29	
	-2379 Apr 03 j 09:35	0°♈	
evening rise	-2379 Apr 04 j 21:26	3°♈10'37	
	-2379 Apr 19 j 11:27	0°♉	
evening max el	-2379 Apr 30 j 10:48	13°♉41'29	24°39'23
desc. node	-2379 May 10 j 14:23	20°♉11'42	
retrograde	-2379 May 14 j 10:14	20°♉45'28	
evening set	-2379 May 19 j 06:05	19°♉52'43	
min. Earth dist.	-2379 May 24 j 22:44	16°♉57'01	0.57064 AU
inferior conj	-2379 May 27 j 19:06	15°♉05'46	-3°-59'-20
minimum elong	-2379 May 27 j 14:05	15°♉14'01	3°58'29
morning rise	-2379 Jun 05 j 02:05	10°♉58'06	
direct	-2379 Jun 07 j 14:31	10°♉40'18	
morning max el	-2379 Jun 16 j 19:12	14°♉57'00	19°21'04
asc. node	-2379 Jun 26 j 06:06	27°♉45'07	
	-2379 Jun 27 j 12:52	0°♊	
morning set	-2379 Jul 03 j 21:52	12°♊11'03	
superior conj	-2379 Jul 12 j 03:37	28°♊34'30	1°47'41
minimum elong	-2379 Jul 12 j 02:52	28°♊30'48	1°47'44
	-2379 Jul 12 j 21:11	0°♋	
max. Earth dist.	-2379 Jul 18 j 08:21	10°♋20'10	1.37933 AU
evening rise	-2379 Jul 22 j 05:29	17°♋19'41	
	-2379 Jul 29 j 17:01	0°♌	
desc. node	-2379 Aug 06 j 13:38	12°♌15'12	
	-2379 Aug 19 j 11:02	0°♍	
evening max el	-2379 Aug 26 j 23:56	8°♍29'17	25°02'08
retrograde	-2379 Sep 07 j 17:46	15°♍18'22	
evening set	-2379 Sep 13 j 11:10	12°♍53'12	
min. Earth dist.	-2379 Sep 18 j 00:19	7°♍44'16	0.67095 AU
inferior conj	-2379 Sep 18 j 22:02	6°♍32'42	-1°-7'-19
minimum elong	-2379 Sep 18 j 23:40	6°♍27'21	1°06'38
asc. node	-2379 Sep 22 j 05:13	2°♍30'12	
morning rise	-2379 Sep 24 j 12:35	0°♍28'50	
	-2379 Sep 25 j 07:51	30°℞♌	
direct	-2379 Sep 28 j 00:23	29°♌18'17	
	-2379 Sep 30 j 19:57	0°♍	
morning max el	-2379 Oct 05 j 12:27	3°♍37'30	19°51'07
greatest brilliancy	-2379 Oct 13 j 07:26	13°♍21'00	-0.6m
	-2379 Oct 24 j 12:46	0°♎	
morning set	-2379 Oct 31 j 03:41	10°♎11'25	
desc. node	-2379 Nov 02 j 13:06	13°♎54'11	
max. Earth dist.	-2379 Nov 12 j 05:01	29°♎05'42	1.44083 AU
	-2379 Nov 12 j 18:38	0°♏	
superior conj	-2379 Nov 16 j 20:49	6°♏34'19	-1°-23'-53
minimum elong	-2379 Nov 16 j 13:20	6°♏04'04	1°23'12
evening rise	-2379 Nov 30 j 10:59	29°♏09'41	
	-2379 Nov 30 j 22:48	0°♐	
evening max el	-2379 Dec 18 j 18:06	27°♐20'40	18°17'10
asc. node	-2379 Dec 19 j 04:24	27°♐46'09	
	-2379 Dec 22 j 02:49	0°♑	
retrograde	-2379 Dec 25 j 06:37	0°♑52'15	
evening set	-2379 Dec 28 j 02:38	0°♑09'49	
	-2379 Dec 28 j 10:13	30°℞♐	
inferior conj	-2378 Jan 03 j 06:57	24°♐45'03	3°46'22
minimum elong	-2378 Jan 03 j 04:50	24°♐50'55	3°46'02
min. Earth dist.	-2378 Jan 05 j 16:30	22°♐06'29	0.63530 AU
morning rise	-2378 Jan 09 j 05:26	18°♐44'48	
direct	-2378 Jan 16 j 05:34	15°♐58'02	
desc. node	-2378 Jan 29 j 12:24	23°♐19'23	
morning max el	-2378 Jan 29 j 22:44	23°♐44'44	27°37'43
	-2378 Feb 04 j 14:20	0°♑	
	-2378 Feb 24 j 14:47	0°♒	
morning set	-2378 Mar 05 j 10:54	16°♒35'48	
max. Earth dist.	-2378 Mar 10 j 17:37	27°♒26'27	1.33245 AU
	-2378 Mar 11 j 22:36	0°♓	
superior conj	-2378 Mar 13 j 05:03	2°♓42'29	0°-40'-26
minimum elong	-2378 Mar 13 j 06:54	2°♓52'23	0°40'06
asc. node	-2378 Mar 17 j 03:47	11°♓12'07	
evening rise	-2378 Mar 20 j 09:03	18°♓03'37	
	-2378 Mar 26 j 07:36	0°♈	
evening max el	-2378 Apr 12 j 02:30	24°♈21'20	23°05'28
	-2378 Apr 20 j 09:52	0°♉	
retrograde	-2378 Apr 25 j 11:46	0°♉58'34	
desc. node	-2378 Apr 27 j 11:27	0°♉49'49	
evening set	-2378 Apr 28 j 23:08	0°♉32'12	
	-2378 Apr 30 j 17:24	30°℞♈	
min. Earth dist.	-2378 May 06 j 12:33	27°♈09'39	0.55681 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

inferior conj	-2378 May 08 j 04:03	26°♈12'07	-2°-48'-46
minimum elong	-2378 May 07 j 21:40	26°♈21'26	2°46'58
morning rise	-2378 May 16 j 23:11	22°♈15'57	
direct	-2378 May 19 j 14:12	21°♈59'23	
morning max el	-2378 May 30 j 09:14	27°♈00'20	20°30'29
	-2378 Jun 02 j 05:56	0°♉	
asc. node	-2378 Jun 13 j 03:10	16°♉54'38	
morning set	-2378 Jun 18 j 03:14	26°♉46'57	
	-2378 Jun 19 j 16:54	0°♊	
superior conj	-2378 Jun 25 j 19:59	12°♊36'09	1°40'24
minimum elong	-2378 Jun 25 j 17:56	12°♊25'48	1°40'19
max. Earth dist.	-2378 Jun 30 j 15:01	22°♊08'27	1.36149 AU
evening rise	-2378 Jul 04 j 18:21	29°♊59'51	
	-2378 Jul 04 j 18:23	0°♋	
	-2378 Jul 22 j 21:02	0°♌	
desc. node	-2378 Jul 24 j 10:40	2°♌16'37	
evening max el	-2378 Aug 09 j 11:13	22°♌03'16	26°09'57
retrograde	-2378 Aug 22 j 01:09	29°♌12'16	
evening set	-2378 Aug 28 j 09:13	26°♌32'52	
min. Earth dist.	-2378 Sep 01 j 14:07	22°♌01'44	0.66403 AU
inferior conj	-2378 Sep 02 j 23:30	20°♌17'46	-2°00'-48
minimum elong	-2378 Sep 03 j 02:23	20°♌08'48	1°59'41
morning rise	-2378 Sep 08 j 20:22	14°♌24'27	
asc. node	-2378 Sep 09 j 02:19	14°♌16'01	
direct	-2378 Sep 11 j 22:40	13°♌29'28	
morning max el	-2378 Sep 18 j 20:15	17°♌22'04	18°57'05
	-2378 Sep 28 j 09:01	0°♍	
morning set	-2378 Oct 10 j 16:24	19°♍13'49	
	-2378 Oct 17 j 12:21	0°♎	
desc. node	-2378 Oct 20 j 10:06	4°♎34'23	
max. Earth dist.	-2378 Oct 25 j 22:04	13°♎13'34	1.44821 AU
superior conj	-2378 Oct 27 j 02:42	15°♎06'26	0°-42'-7
minimum elong	-2378 Oct 26 j 21:21	14°♎45'21	0°41'28
	-2378 Nov 05 j 11:44	0°♏	
evening rise	-2378 Nov 11 j 14:11	9°♏50'03	
	-2378 Nov 24 j 04:06	0°♐	
evening max el	-2378 Dec 02 j 05:47	10°♐44'41	18°44'32
asc. node	-2378 Dec 06 j 01:28	13°♐45'33	
retrograde	-2378 Dec 08 j 23:18	14°♐31'40	
evening set	-2378 Dec 12 j 00:32	13°♐38'45	
inferior conj	-2378 Dec 17 j 21:18	7°♐55'57	3°19'59
minimum elong	-2378 Dec 17 j 18:24	8°♐04'47	3°19'18
min. Earth dist.	-2378 Dec 19 j 15:44	5°♐47'37	0.65040 AU
morning rise	-2378 Dec 23 j 11:11	1°♐47'58	
	-2378 Dec 26 j 01:35	30°℞♏	
direct	-2378 Dec 30 j 03:44	28°♏57'32	
	-2377 Jan 03 j 13:49	0°♐	
morning max el	-2377 Jan 12 j 08:19	6°♐36'17	27°00'06
desc. node	-2377 Jan 16 j 09:27	10°♐58'31	
	-2377 Jan 30 j 10:30	0°♑	
morning set	-2377 Feb 16 j 23:43	0°♒14'29	
	-2377 Feb 16 j 20:43	0°♒	
max. Earth dist.	-2377 Feb 21 j 13:32	9°♒17'20	1.34254 AU
superior conj	-2377 Feb 25 j 08:06	17°♒03'57	-1°-5'-16
minimum elong	-2377 Feb 25 j 10:57	17°♒18'52	1°04'50
	-2377 Mar 03 j 11:20	0°♓	
asc. node	-2377 Mar 04 j 00:50	1°♓10'45	
evening rise	-2377 Mar 04 j 19:12	2°♓46'35	
	-2377 Mar 20 j 08:53	0°♈	
evening max el	-2377 Mar 24 j 23:08	5°♈09'57	21°33'40
retrograde	-2377 Apr 06 j 03:04	11°♈03'13	
evening set	-2377 Apr 08 j 16:07	10°♈48'33	
desc. node	-2377 Apr 14 j 08:31	8°♈45'37	
inferior conj	-2377 Apr 18 j 00:16	6°♈47'10	-1°-1'-27
minimum elong	-2377 Apr 17 j 21:24	6°♈51'12	1°00'28
min. Earth dist.	-2377 Apr 18 j 01:55	6°♈44'51	0.55097 AU
morning rise	-2377 Apr 27 j 03:10	2°♈46'54	
direct	-2377 Apr 30 j 02:13	2°♈27'41	
morning max el	-2377 May 12 j 12:22	8°♈21'18	21°57'56
	-2377 May 27 j 16:09	0°♉	
asc. node	-2377 May 31 j 00:14	6°♉28'42	
morning set	-2377 Jun 02 j 12:40	11°♉37'25	
superior conj	-2377 Jun 09 j 20:52	27°♉05'06	1°27'12
minimum elong	-2377 Jun 09 j 18:18	26°♉51'36	1°26'56
	-2377 Jun 11 j 06:24	0°♊	
max. Earth dist.	-2377 Jun 13 j 06:24	4°♊07'10	1.34685 AU
evening rise	-2377 Jun 17 j 23:42	13°♊30'17	
	-2377 Jun 27 j 01:24	0°♋	
desc. node	-2377 Jul 11 j 07:42	21°♋50'29	
	-2377 Jul 17 j 18:48	0°♌	
evening max el	-2377 Jul 22 j 22:45	5°♌31'13	26°59'33
retrograde	-2377 Aug 05 j 03:23	12°♌50'41	
evening set	-2377 Aug 11 j 23:40	10°♌04'16	
min. Earth dist.	-2377 Aug 15 j 20:58	6°♌11'35	0.65349 AU
inferior conj	-2377 Aug 17 j 19:21	3°♌57'47	-2°-51'-22
minimum elong	-2377 Aug 17 j 23:12	3°♌46'42	2°50'05
	-2377 Aug 21 j 13:51	30°℞♋	
morning rise	-2377 Aug 24 j 00:02	28°♋18'22	
direct	-2377 Aug 26 j 19:11	27°♋35'32	
asc. node	-2377 Aug 26 j 23:25	27°♋35'43	
	-2377 Sep 01 j 02:47	0°♌	
morning max el	-2377 Sep 02 j 08:58	1°♌10'36	18°19'12
morning set	-2377 Sep 21 j 08:09	29°♌35'51	
	-2377 Sep 21 j 14:02	0°♍	
superior conj	-2377 Oct 06 j 03:20	23°♍28'50	0°07'28
minimum elong	-2377 Oct 06 j 04:18	23°♍32'37	0°07'21
behind sun begin	-2377 Oct 05 j 18:17	22°♍52'56	
behind sun end	-2377 Oct 06 j 14:18	24°♍12'16	
desc. node	-2377 Oct 07 j 07:07	25°♍18'43	
max. Earth dist.	-2377 Oct 08 j 16:39	27°♍31'08	1.44825 AU
	-2377 Oct 10 j 06:27	0°♎	
evening rise	-2377 Oct 22 j 17:01	19°♎29'05	
	-2377 Oct 29 j 10:46	0°♏	
greatest brilliancy	-2377 Nov 06 j 16:39	12°♏34'31	-0.7m
evening max el	-2377 Nov 15 j 14:06	24°♏10'54	19°28'49
retrograde	-2377 Nov 22 j 19:42	28°♏22'14	
asc. node	-2377 Nov 22 j 22:33	28°♏22'09	
evening set	-2377 Nov 26 j 03:56	27°♏16'52	
inferior conj	-2377 Dec 01 j 19:13	21°♏19'14	2°43'20
minimum elong	-2377 Dec 01 j 16:16	21°♏28'49	2°42'24
min. Earth dist.	-2377 Dec 02 j 23:44	19°♏46'55	0.66174 AU
morning rise	-2377 Dec 07 j 03:50	15°♏05'53	
direct	-2377 Dec 13 j 07:52	12°♏24'03	
morning max el	-2377 Dec 25 j 17:48	19°♏43'38	25°56'30
desc. node	-2376 Jan 03 j 06:30	29°♏36'50	
	-2376 Jan 03 j 13:40	0°♐	
	-2376 Jan 23 j 12:41	0°♑	
morning set	-2376 Jan 30 j 22:31	13°♑06'26	
max. Earth dist.	-2376 Feb 03 j 21:42	20°♑35'12	1.35707 AU
	-2376 Feb 08 j 16:14	0°♒	
superior conj	-2376 Feb 09 j 03:49	0°♒58'27	-1°-27'-41
minimum elong	-2376 Feb 09 j 07:14	1°♒15'40	1°27'19
evening rise	-2376 Feb 17 j 01:55	17°♒13'08	
asc. node	-2376 Feb 18 j 21:52	20°♒55'39	
	-2376 Feb 23 j 15:03	0°♓	
evening max el	-2376 Mar 06 j 05:37	16°♓29'29	20°14'35
retrograde	-2376 Mar 16 j 17:56	21°♓30'25	
evening set	-2376 Mar 18 j 23:18	21°♓17'54	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

inferior conj	-2376 Mar 27 j 21:18	17°♓19'09	0°55'43
minimum elong	-2376 Mar 27 j 23:43	17°♓15'32	0°54'52
min. Earth dist.	-2376 Mar 29 j 16:01	16°♓15'39	0.55456 AU
desc. node	-2376 Mar 31 j 05:34	15°♓21'55	
morning rise	-2376 Apr 05 j 21:40	12°♓56'07	
direct	-2376 Apr 09 j 15:47	12°♓25'19	
morning max el	-2376 Apr 23 j 06:54	19°♓08'10	23°36'30
	-2376 May 02 j 07:06	0°♈	
asc. node	-2376 May 16 j 21:17	26°♈20'36	
morning set	-2376 May 17 j 00:19	26°♈36'30	
	-2376 May 18 j 14:51	0°♉	
superior conj	-2376 May 24 j 03:28	11°♉52'27	1°09'31
minimum elong	-2376 May 24 j 00:58	11°♉39'02	1°09'09
max. Earth dist.	-2376 May 26 j 07:19	16°♉28'58	1.33595 AU
evening rise	-2376 May 31 j 17:00	27°♉37'58	
	-2376 Jun 01 j 21:39	0°♊	
	-2376 Jun 19 j 07:18	0°♋	
desc. node	-2376 Jun 27 j 04:43	10°♋45'16	
evening max el	-2376 Jul 04 j 09:34	18°♋42'58	27°23'52
retrograde	-2376 Jul 18 j 00:08	26°♋05'35	
evening set	-2376 Jul 25 j 03:34	23°♋23'24	
min. Earth dist.	-2376 Jul 28 j 19:03	20°♋05'54	0.63918 AU
inferior conj	-2376 Jul 31 j 07:08	17°♋28'33	-3°-36'-7
minimum elong	-2376 Jul 31 j 11:18	17°♋17'37	3°35'03
morning rise	-2376 Aug 06 j 20:58	12°♋06'06	
direct	-2376 Aug 09 j 11:19	11°♋32'17	
asc. node	-2376 Aug 12 j 20:30	12°♋29'45	
morning max el	-2376 Aug 16 j 00:05	14°♋58'22	17°58'37
	-2376 Aug 26 j 12:45	0°♌	
morning set	-2376 Sep 02 j 02:27	11°♌14'16	
	-2376 Sep 13 j 04:50	0°♍	
superior conj	-2376 Sep 14 j 20:46	2°♍43'58	0°52'08
minimum elong	-2376 Sep 15 j 01:53	3°♍04'51	0°51'31
max. Earth dist.	-2376 Sep 20 j 09:25	11°♍39'42	1.44117 AU
desc. node	-2376 Sep 23 j 04:07	16°♍04'30	
evening rise	-2376 Oct 01 j 01:37	28°♍23'41	
	-2376 Oct 02 j 02:37	0°♎	
	-2376 Oct 22 j 09:59	0°♏	
greatest brilliancy	-2376 Oct 22 j 10:52	0°♏02'58	-0.5m
evening max el	-2376 Oct 28 j 17:19	7°♏37'40	20°28'00
retrograde	-2376 Nov 05 j 17:10	12°♏20'30	
asc. node	-2376 Nov 08 j 19:36	11°♏25'04	
evening set	-2376 Nov 09 j 10:33	11°♏00'21	
inferior conj	-2376 Nov 14 j 22:07	4°♏51'21	1°59'25
minimum elong	-2376 Nov 14 j 19:40	4°♏59'39	1°58'29
min. Earth dist.	-2376 Nov 15 j 14:20	3°♏56'32	0.66949 AU
	-2376 Nov 18 j 18:03	30°℞♎	
morning rise	-2376 Nov 20 j 04:16	28°♎35'08	
direct	-2376 Nov 25 j 17:30	26°♎10'11	
	-2376 Dec 03 j 21:45	0°♏	
morning max el	-2376 Dec 07 j 02:23	2°♏56'56	24°36'17
desc. node	-2376 Dec 20 j 03:31	18°♏57'05	
	-2376 Dec 27 j 18:32	0°♐	
morning set	-2375 Jan 12 j 01:41	24°♐55'46	
	-2375 Jan 14 j 22:02	0°♑	
max. Earth dist.	-2375 Jan 15 j 19:46	1°♑38'35	1.37558 AU
superior conj	-2375 Jan 22 j 12:59	14°♑16'57	-1°-45'-40
minimum elong	-2375 Jan 22 j 16:04	14°♑31'58	1°45'30
	-2375 Jan 30 j 11:32	0°♒	
evening rise	-2375 Jan 31 j 02:56	1°♒16'37	
asc. node	-2375 Feb 04 j 18:54	10°♒21'07	
evening max el	-2375 Feb 16 j 22:58	28°♒26'34	19°13'33
	-2375 Feb 18 j 18:22	0°♓	
retrograde	-2375 Feb 25 j 20:10	2°♓41'20	
evening set	-2375 Feb 28 j 03:08	2°♓25'39	
	-2375 Mar 05 j 15:43	30°℞♒	
inferior conj	-2375 Mar 08 j 08:14	28°♒15'13	2°31'08
minimum elong	-2375 Mar 08 j 12:59	28°♒07'10	2°29'50
min. Earth dist.	-2375 Mar 11 j 07:20	26°♒15'46	0.56684 AU
morning rise	-2375 Mar 16 j 18:53	23°♒20'57	
desc. node	-2375 Mar 18 j 02:39	22°♒55'01	
direct	-2375 Mar 21 j 17:10	22°♒24'33	
morning max el	-2375 Apr 04 j 21:44	29°♒41'03	25°14'02
	-2375 Apr 05 j 05:32	0°♓	
	-2375 Apr 25 j 17:42	0°♈	
morning set	-2375 May 01 j 12:24	11°♈37'23	
asc. node	-2375 May 03 j 18:18	16°♈24'00	
superior conj	-2375 May 08 j 13:29	26°♈49'38	0°48'31
minimum elong	-2375 May 08 j 11:31	26°♈38'56	0°48'10
max. Earth dist.	-2375 May 09 j 15:41	29°♈12'06	1.32884 AU
	-2375 May 10 j 00:31	0°♉	
evening rise	-2375 May 15 j 18:35	12°♉10'34	
	-2375 May 25 j 02:17	0°♊	
desc. node	-2375 Jun 14 j 01:46	28°♊43'26	
	-2375 Jun 15 j 06:58	0°♋	
evening max el	-2375 Jun 16 j 17:31	1°♋25'18	27°17'25
retrograde	-2375 Jun 30 j 14:27	8°♋46'22	
evening set	-2375 Jul 07 j 17:01	6°♋22'29	
min. Earth dist.	-2375 Jul 11 j 07:12	3°♋31'16	0.62141 AU
inferior conj	-2375 Jul 14 j 07:48	0°♋42'13	-4°-10'-51
minimum elong	-2375 Jul 14 j 11:10	0°♋34'18	4°10'19
	-2375 Jul 15 j 01:58	30°℞♊	
morning rise	-2375 Jul 21 j 07:55	25°♊39'34	
direct	-2375 Jul 23 j 19:48	25°♊12'07	
morning max el	-2375 Jul 30 j 14:43	28°♊37'52	17°56'17
asc. node	-2375 Jul 30 j 17:33	28°♊44'51	
	-2375 Jul 31 j 21:49	0°♋	
morning set	-2375 Aug 15 j 17:47	23°♋53'03	
	-2375 Aug 19 j 03:18	0°♌	
superior conj	-2375 Aug 26 j 17:15	13°♌19'13	1°24'06
minimum elong	-2375 Aug 26 j 22:15	13°♌40'40	1°23'39
max. Earth dist.	-2375 Sep 02 j 21:55	25°♌22'35	1.42790 AU
	-2375 Sep 05 j 18:19	0°♍	
evening rise	-2375 Sep 10 j 08:26	7°♍17'01	
desc. node	-2375 Sep 10 j 01:07	6°♍48'19	
	-2375 Sep 25 j 09:41	0°♎	
greatest brilliancy	-2375 Oct 06 j 16:14	15°♎25'39	-0.4m
evening max el	-2375 Oct 11 j 14:37	21°♎04'37	21°39'08
retrograde	-2375 Oct 20 j 13:39	26°♎23'58	
evening set	-2375 Oct 24 j 18:27	24°♎46'37	
asc. node	-2375 Oct 26 j 16:39	22°♎57'00	
inferior conj	-2375 Oct 30 j 03:54	18°♎29'48	1°10'25
minimum elong	-2375 Oct 30 j 02:20	18°♎35'13	1°09'45
min. Earth dist.	-2375 Oct 30 j 09:05	18°♎11'57	0.67390 AU
morning rise	-2375 Nov 04 j 09:56	12°♎13'29	
direct	-2375 Nov 09 j 07:50	10°♎09'45	
morning max el	-2375 Nov 19 j 11:46	16°♎13'13	23°09'27
greatest brilliancy	-2375 Nov 24 j 12:49	21°♎53'20	-0.3m
	-2375 Nov 30 j 19:01	0°♏	
desc. node	-2375 Dec 07 j 00:33	8°♏47'12	
	-2375 Dec 20 j 19:35	0°♐	
morning set	-2375 Dec 24 j 02:59	5°♐26'19	
max. Earth dist.	-2375 Dec 28 j 15:02	13°♐04'55	1.39638 AU
superior conj	-2374 Jan 05 j 07:19	26°♐48'21	-1°-56'-22
minimum elong	-2374 Jan 05 j 08:43	26°♐54'49	1°56'24
	-2374 Jan 07 j 00:37	0°♑	
evening rise	-2374 Jan 14 j 19:33	14°♑50'12	
asc. node	-2374 Jan 22 j 15:55	29°♑20'27	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2374 Jan 23 j 01:14	0°♒	
evening max el	-2374 Jan 31 j 01:24	10°♒56'46	18°32'20
retrograde	-2374 Feb 07 j 16:47	14°♒40'44	
evening set	-2374 Feb 10 j 03:33	14°♒19'01	
inferior conj	-2374 Feb 17 j 15:26	9°♒48'46	3°30'20
minimum elong	-2374 Feb 17 j 18:58	9°♒41'48	3°29'43
min. Earth dist.	-2374 Feb 21 j 01:09	7°♒09'12	0.58497 AU
morning rise	-2374 Feb 25 j 06:42	4°♒27'11	
direct	-2374 Mar 03 j 07:50	2°♒54'11	
desc. node	-2374 Mar 04 j 23:41	3°♒01'08	
morning max el	-2374 Mar 17 j 14:50	10°♒28'12	26°35'31
	-2374 Apr 01 j 15:18	0°♓	
morning set	-2374 Apr 15 j 23:18	26°♓34'22	
	-2374 Apr 17 j 14:14	0°♈	
asc. node	-2374 Apr 20 j 15:19	6°♈34'25	
superior conj	-2374 Apr 23 j 01:04	11°♈50'20	0°25'06
minimum elong	-2374 Apr 22 j 23:58	11°♈44'20	0°24'53
max. Earth dist.	-2374 Apr 23 j 04:17	12°♈08'01	1.32531 AU
evening rise	-2374 Apr 30 j 01:42	26°♈58'56	
	-2374 May 01 j 12:45	0°♉	
	-2374 May 18 j 16:30	0°♊	
evening max el	-2374 May 29 j 20:14	13°♊27'39	26°37'55
desc. node	-2374 May 31 j 22:48	15°♊21'18	
retrograde	-2374 Jun 12 j 20:51	20°♊44'59	
evening set	-2374 Jun 19 j 11:39	18°♊52'36	
min. Earth dist.	-2374 Jun 23 j 09:37	16°♊13'08	0.60135 AU
inferior conj	-2374 Jun 26 j 17:50	13°♊30'07	-4°-28'-54
minimum elong	-2374 Jun 26 j 18:49	13°♊28'05	4°28'50
morning rise	-2374 Jul 04 j 05:15	8°♊49'31	
direct	-2374 Jul 06 j 16:39	8°♊26'33	
morning max el	-2374 Jul 14 j 02:01	12°♊01'45	18°13'15
asc. node	-2374 Jul 17 j 14:36	16°♊05'39	
	-2374 Jul 26 j 02:51	0°♋	
morning set	-2374 Jul 30 j 00:40	7°♋17'29	
superior conj	-2374 Aug 08 j 15:38	25°♋11'36	1°42'12
minimum elong	-2374 Aug 08 j 18:23	25°♋24'01	1°42'06
	-2374 Aug 11 j 08:06	0°♌	
max. Earth dist.	-2374 Aug 16 j 05:13	8°♌27'46	1.41021 AU
evening rise	-2374 Aug 21 j 07:48	16°♌57'37	
desc. node	-2374 Aug 27 j 22:07	27°♌26'32	
	-2374 Aug 29 j 13:58	0°♍	
greatest brilliancy	-2374 Sep 19 j 03:02	28°♍46'40	-0.3m
	-2374 Sep 20 j 03:31	0°♎	
evening max el	-2374 Sep 24 j 06:25	4°♎32'17	22°57'47
retrograde	-2374 Oct 04 j 07:42	10°♎29'47	
evening set	-2374 Oct 09 j 01:53	8°♎33'30	
asc. node	-2374 Oct 13 j 13:42	3°♎24'26	
inferior conj	-2374 Oct 14 j 10:42	2°♎12'22	0°18'04
minimum elong	-2374 Oct 14 j 10:17	2°♎13'50	0°17'52
min. Earth dist.	-2374 Oct 14 j 05:29	2°♎30'20	0.67519 AU
	-2374 Oct 16 j 01:47	30°℞♍	
morning rise	-2374 Oct 19 j 18:39	25°♍58'43	
direct	-2374 Oct 24 j 01:56	24°♍17'13	
morning max el	-2374 Nov 02 j 01:29	29°♍35'26	21°44'50
	-2374 Nov 02 j 11:03	0°♎	
greatest brilliancy	-2374 Nov 06 j 23:55	5°♎13'13	-0.4m
desc. node	-2374 Nov 23 j 21:33	28°♎58'14	
	-2374 Nov 24 j 13:56	0°♏	
morning set	-2374 Dec 03 j 23:15	14°♏33'01	
max. Earth dist.	-2374 Dec 10 j 15:17	25°♏22'49	1.41669 AU
	-2374 Dec 13 j 09:30	0°♐	
superior conj	-2374 Dec 18 j 05:25	8°♐18'11	-1°-56'-6
minimum elong	-2374 Dec 18 j 03:25	8°♐09'26	1°56'06
evening rise	-2374 Dec 29 j 00:23	27°♐45'39	
	-2374 Dec 30 j 05:37	0°♑	
asc. node	-2373 Jan 09 j 12:57	17°♑44'32	
evening max el	-2373 Jan 14 j 10:01	23°♑50'49	18°11'06
retrograde	-2373 Jan 21 j 07:12	27°♑19'55	
evening set	-2373 Jan 23 j 21:21	26°♑50'58	
inferior conj	-2373 Jan 30 j 18:36	21°♑58'37	3°55'39
minimum elong	-2373 Jan 30 j 19:34	21°♑56'24	3°55'33
min. Earth dist.	-2373 Feb 03 j 00:26	19°♑02'04	0.60539 AU
morning rise	-2373 Feb 06 j 14:58	16°♑17'14	
direct	-2373 Feb 13 j 09:33	14°♑07'08	
desc. node	-2373 Feb 19 j 20:45	15°♑54'26	
morning max el	-2373 Feb 27 j 13:56	21°♑50'17	27°28'01
	-2373 Mar 06 j 18:17	0°♒	
	-2373 Mar 25 j 13:55	0°♓	
morning set	-2373 Mar 31 j 07:12	11°♓20'34	
max. Earth dist.	-2373 Apr 06 j 17:19	25°♓03'05	1.32520 AU
superior conj	-2373 Apr 07 j 12:33	26°♓48'11	0°00'05
minimum elong	-2373 Apr 07 j 12:33	26°♓48'08	0°00'06
behind sun begin	-2373 Apr 07 j 07:34	26°♓20'54	
behind sun end	-2373 Apr 07 j 17:31	27°♓15'22	
asc. node	-2373 Apr 07 j 12:21	26°♓47'06	
	-2373 Apr 08 j 23:37	0°♈	
evening rise	-2373 Apr 14 j 12:04	11°♈54'38	
	-2373 Apr 23 j 18:31	0°♉	
evening max el	-2373 May 11 j 16:18	24°♉46'23	25°28'45
desc. node	-2373 May 18 j 19:50	0°♊07'05	
	-2373 May 18 j 14:28	0°♊	
retrograde	-2373 May 25 j 17:39	1°♊57'44	
evening set	-2373 May 31 j 08:15	0°♊43'43	
	-2373 Jun 01 j 20:45	30°℞♉	
min. Earth dist.	-2373 Jun 05 j 04:22	27°♉58'38	0.58112 AU
inferior conj	-2373 Jun 08 j 09:43	25°♉42'44	-4°-20'-35
minimum elong	-2373 Jun 08 j 06:52	25°♉47'47	4°20'17
morning rise	-2373 Jun 16 j 09:24	21°♉24'26	
direct	-2373 Jun 18 j 21:26	21°♉04'57	
morning max el	-2373 Jun 27 j 07:08	25°♉01'55	18°50'29
	-2373 Jul 01 j 14:08	0°♊	
asc. node	-2373 Jul 04 j 11:40	4°♊18'05	
morning set	-2373 Jul 13 j 18:49	21°♊16'34	
	-2373 Jul 18 j 05:39	0°♋	
superior conj	-2373 Jul 22 j 10:33	8°♋06'42	1°48'27
minimum elong	-2373 Jul 22 j 10:54	8°♋08'21	1°48'30
max. Earth dist.	-2373 Jul 29 j 08:14	20°♋50'15	1.39047 AU
evening rise	-2373 Aug 02 j 08:27	27°♋50'39	
	-2373 Aug 03 j 14:51	0°♌	
desc. node	-2373 Aug 14 j 19:09	17°♌55'10	
	-2373 Aug 23 j 02:13	0°♍	
evening max el	-2373 Sep 06 j 18:33	18°♍02'22	24°18'01
retrograde	-2373 Sep 17 j 22:17	24°♍35'07	
evening set	-2373 Sep 23 j 07:10	22°♍19'42	
min. Earth dist.	-2373 Sep 28 j 01:13	16°♍50'27	0.67339 AU
inferior conj	-2373 Sep 28 j 16:50	15°♍57'53	0°-36'00
minimum elong	-2373 Sep 28 j 17:42	15°♍54'58	0°35'39
asc. node	-2373 Sep 30 j 10:46	13°♍39'45	
morning rise	-2373 Oct 04 j 04:30	9°♍49'45	
direct	-2373 Oct 07 j 22:45	8°♍28'53	
morning max el	-2373 Oct 15 j 22:11	13°♍07'18	20°29'05
greatest brilliancy	-2373 Oct 22 j 07:37	20°♍47'02	-0.5m
	-2373 Oct 28 j 21:08	0°♎	
desc. node	-2373 Nov 10 j 18:36	19°♎24'25	
morning set	-2373 Nov 12 j 23:04	22°♎47'09	
	-2373 Nov 17 j 13:52	0°♏	
max. Earth dist.	-2373 Nov 22 j 23:03	8°♏34'14	1.43357 AU
superior conj	-2373 Nov 29 j 02:00	18°♏34'36	-1°-40'-43

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2373 Nov 28 j 19:52	18°♏09'12	1°40'19
	-2373 Dec 05 j 20:20	0°♐	
evening rise	-2373 Dec 11 j 13:26	9°♐55'21	
	-2373 Dec 23 j 10:40	0°♑	
asc. node	-2373 Dec 27 j 09:59	5°♑23'05	
evening max el	-2373 Dec 28 j 21:55	7°♑01'16	18°09'26
retrograde	-2372 Jan 04 j 11:13	10°♑28'58	
evening set	-2372 Jan 07 j 04:46	9°♑51'54	
inferior conj	-2372 Jan 13 j 14:28	4°♑38'20	3°55'13
minimum elong	-2372 Jan 13 j 13:13	4°♑41'35	3°55'05
min. Earth dist.	-2372 Jan 16 j 08:24	1°♑47'49	0.62509 AU
	-2372 Jan 18 j 06:03	30°℞♐	
morning rise	-2372 Jan 19 j 19:40	28°♐43'26	
direct	-2372 Jan 26 j 20:28	26°♐05'50	
	-2372 Feb 05 j 08:23	0°♑	
desc. node	-2372 Feb 06 j 17:49	1°♑06'24	
morning max el	-2372 Feb 09 j 19:06	3°♑53'31	27°44'36
	-2372 Feb 29 j 07:21	0°♒	
morning set	-2372 Mar 14 j 09:59	25°♒48'30	
	-2372 Mar 16 j 11:05	0°♓	
max. Earth dist.	-2372 Mar 20 j 02:43	7°♓42'32	1.32867 AU
superior conj	-2372 Mar 21 j 22:17	11°♓37'15	0°-25'-39
minimum elong	-2372 Mar 21 j 23:27	11°♓43'38	0°25'26
asc. node	-2372 Mar 24 j 09:23	16°♓57'53	
evening rise	-2372 Mar 28 j 23:46	26°♓50'39	
	-2372 Mar 30 j 12:01	0°♈	
	-2372 Apr 17 j 07:13	0°♉	
evening max el	-2372 Apr 22 j 07:49	5°♉32'52	23°59'53
desc. node	-2372 May 04 j 16:53	12°♉23'51	
retrograde	-2372 May 06 j 02:59	12°♉28'28	
evening set	-2372 May 10 j 08:38	11°♉48'36	
min. Earth dist.	-2372 May 16 j 19:08	8°♉42'52	0.56389 AU
inferior conj	-2372 May 19 j 05:26	7°♉12'57	-3°-34'-41
minimum elong	-2372 May 18 j 23:18	7°♉22'29	3°33'19
morning rise	-2372 May 27 j 17:51	3°♉12'05	
direct	-2372 May 30 j 06:58	2°♉55'12	
morning max el	-2372 Jun 09 j 03:22	7°♉28'52	19°48'19
asc. node	-2372 Jun 20 j 08:45	23°♉09'42	
	-2372 Jun 24 j 00:07	0°♊	
morning set	-2372 Jun 26 j 20:49	5°♊40'58	
superior conj	-2372 Jul 04 j 20:24	21°♊48'05	1°45'27
minimum elong	-2372 Jul 04 j 19:01	21°♊41'08	1°45'26
	-2372 Jul 09 j 01:16	0°♋	
max. Earth dist.	-2372 Jul 10 j 11:18	2°♋41'27	1.37131 AU
evening rise	-2372 Jul 14 j 09:26	9°♋55'05	
	-2372 Jul 26 j 07:43	0°♌	
desc. node	-2372 Jul 31 j 16:10	8°♌08'23	
	-2372 Aug 17 j 15:59	0°♍	
evening max el	-2372 Aug 19 j 05:26	1°♍34'56	25°32'43
retrograde	-2372 Aug 31 j 08:39	8°♍34'36	
evening set	-2372 Sep 06 j 08:27	6°♍02'28	
min. Earth dist.	-2372 Sep 10 j 17:53	1°♍09'30	0.66837 AU
inferior conj	-2372 Sep 11 j 20:31	29°♌43'36	-1°-30'-15
minimum elong	-2372 Sep 11 j 22:42	29°♌36'35	1°29'21
	-2372 Sep 11 j 15:27	30°℞♌	
asc. node	-2372 Sep 16 j 07:52	24°♌39'39	
morning rise	-2372 Sep 17 j 13:35	23°♌43'59	
direct	-2372 Sep 20 j 20:57	22°♌40'41	
morning max el	-2372 Sep 28 j 02:13	26°♌47'45	19°26'17
	-2372 Sep 30 j 22:15	0°♍	
greatest brilliancy	-2372 Oct 07 j 11:03	8°♍56'04	-0.7m
	-2372 Oct 21 j 05:38	0°♎	
morning set	-2372 Oct 22 j 00:30	1°♎13'22	
desc. node	-2372 Oct 27 j 15:38	10°♎00'29	
max. Earth dist.	-2372 Nov 04 j 12:51	22°♎24'12	1.44477 AU
superior conj	-2372 Nov 07 j 19:41	27°♎37'19	-1°-7'-52
minimum elong	-2372 Nov 07 j 12:20	27°♎08'01	1°07'05
	-2372 Nov 09 j 07:23	0°♏	
evening rise	-2372 Nov 22 j 06:05	21°♏09'59	
	-2372 Nov 27 j 13:14	0°♐	
evening max el	-2372 Dec 11 j 10:24	20°♐21'55	18°26'39
asc. node	-2372 Dec 13 j 07:01	22°♐03'05	
retrograde	-2372 Dec 18 j 00:20	23°♐59'11	
evening set	-2372 Dec 20 j 22:16	23°♐12'41	
inferior conj	-2372 Dec 26 j 23:07	17°♐40'03	3°36'40
minimum elong	-2372 Dec 26 j 20:33	17°♐47'26	3°36'11
min. Earth dist.	-2372 Dec 29 j 02:16	15°♐12'53	0.64213 AU
morning rise	-2371 Jan 01 j 17:27	11°♐35'56	
direct	-2371 Jan 08 j 15:05	8°♐45'38	
morning max el	-2371 Jan 22 j 03:51	16°♐31'06	27°25'24
desc. node	-2371 Jan 23 j 14:54	18°♐01'01	
	-2371 Feb 02 j 09:18	0°♑	
	-2371 Feb 21 j 01:01	0°♒	
morning set	-2371 Feb 26 j 04:58	9°♒49'15	
max. Earth dist.	-2371 Mar 03 j 04:28	19°♒53'42	1.33615 AU
superior conj	-2371 Mar 06 j 04:26	26°♒11'41	0°-51'-9
minimum elong	-2371 Mar 06 j 06:44	26°♒23'57	0°50'46
	-2371 Mar 07 j 23:18	0°♓	
asc. node	-2371 Mar 11 j 06:25	7°♓02'46	
evening rise	-2371 Mar 13 j 11:02	11°♓40'50	
	-2371 Mar 22 j 23:06	0°♈	
evening max el	-2371 Apr 04 j 00:55	16°♈14'13	22°25'26
retrograde	-2371 Apr 17 j 00:00	22°♈35'01	
evening set	-2371 Apr 19 j 23:42	22°♈15'24	
desc. node	-2371 Apr 21 j 13:57	21°♈49'50	
min. Earth dist.	-2371 Apr 28 j 09:00	18°♈37'13	0.55316 AU
inferior conj	-2371 Apr 29 j 07:50	18°♈04'46	-2°-6'-37
minimum elong	-2371 Apr 29 j 02:23	18°♈12'30	2°04'54
morning rise	-2371 May 08 j 07:07	14°♈08'54	
direct	-2371 May 11 j 00:14	13°♈52'02	
morning max el	-2371 May 22 j 12:54	19°♈15'35	21°05'44
	-2371 May 31 j 03:17	0°♉	
asc. node	-2371 Jun 07 j 05:50	12°♉31'05	
morning set	-2371 Jun 11 j 04:11	20°♉24'10	
	-2371 Jun 15 j 18:53	0°♊	
superior conj	-2371 Jun 18 j 16:50	6°♊03'12	1°35'26
minimum elong	-2371 Jun 18 j 14:29	5°♊51'06	1°35'16
max. Earth dist.	-2371 Jun 22 j 21:01	14°♊30'39	1.35480 AU
evening rise	-2371 Jun 27 j 06:00	22°♊59'09	
	-2371 Jul 01 j 01:22	0°♋	
desc. node	-2371 Jul 18 j 13:10	27°♋59'19	
	-2371 Jul 19 j 23:57	0°♌	
evening max el	-2371 Aug 01 j 16:50	15°♌07'29	26°33'46
retrograde	-2371 Aug 14 j 14:03	22°♌22'37	
evening set	-2371 Aug 21 j 03:34	19°♌39'13	
min. Earth dist.	-2371 Aug 25 j 05:08	15°♌24'17	0.65996 AU
inferior conj	-2371 Aug 26 j 19:52	13°♌27'06	-2°-22'-48
minimum elong	-2371 Aug 26 j 23:12	13°♌17'01	2°21'34
morning rise	-2371 Sep 01 j 19:52	7°♌39'06	
asc. node	-2371 Sep 03 j 04:59	7°♌03'48	
direct	-2371 Sep 04 j 18:45	6°♌49'47	
morning max el	-2371 Sep 11 j 12:20	10°♌34'17	18°38'50
	-2371 Sep 25 j 06:15	0°♍	
morning set	-2371 Oct 02 j 00:01	10°♍47'43	
	-2371 Oct 14 j 01:47	0°♎	
desc. node	-2371 Oct 14 j 12:37	0°♎42'44	
superior conj	-2371 Oct 17 j 20:28	5°♎57'16	0°-21'-17
minimum elong	-2371 Oct 17 j 17:39	5°♎46'10	0°20'55
max. Earth dist.	-2371 Oct 18 j 06:23	6°♎36'18	1.44909 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2371 Nov 02 j 01:49	0°♏	
evening rise	-2371 Nov 02 j 22:40	1°♏23'00	
	-2371 Nov 21 j 15:19	0°♐	
evening max el	-2371 Nov 24 j 20:57	3°♐47'30	19°01'31
asc. node	-2371 Nov 30 j 04:05	7°♐29'10	
retrograde	-2371 Dec 01 j 18:49	7°♐43'42	
evening set	-2371 Dec 04 j 22:46	6°♐45'52	
inferior conj	-2371 Dec 10 j 17:00	0°♐56'41	3°05'31
minimum elong	-2371 Dec 10 j 13:59	1°♐06'05	3°04'41
	-2371 Dec 11 j 11:06	30°℞♏	
min. Earth dist.	-2371 Dec 12 j 05:26	29°♏03'00	0.65566 AU
morning rise	-2371 Dec 16 j 04:15	24°♏46'13	
direct	-2371 Dec 22 j 16:04	21°♏57'47	
morning max el	-2370 Jan 04 j 13:23	29°♏30'13	26°35'42
	-2370 Jan 05 j 01:10	0°♐	
desc. node	-2370 Jan 10 j 11:57	6°♐07'57	
	-2370 Jan 27 j 06:12	0°♑	
morning set	-2370 Feb 09 j 12:24	23°♑10'11	
	-2370 Feb 13 j 01:16	0°♒	
max. Earth dist.	-2370 Feb 13 j 19:11	1°♒28'38	1.34814 AU
superior conj	-2370 Feb 18 j 04:43	10°♒23'20	-1°-15'-10
minimum elong	-2370 Feb 18 j 07:53	10°♒39'38	1°14'45
evening rise	-2370 Feb 25 j 19:57	26°♒17'53	
asc. node	-2370 Feb 26 j 03:26	26°♒56'28	
	-2370 Feb 27 j 15:22	0°♓	
evening max el	-2370 Mar 17 j 01:34	27°♓15'26	20°58'07
	-2370 Mar 20 j 09:50	0°♈	
retrograde	-2370 Mar 28 j 13:11	2°♈45'51	
evening set	-2370 Mar 30 j 21:21	2°♈33'01	
	-2370 Apr 06 j 13:38	30°℞♓	
desc. node	-2370 Apr 08 j 11:01	28°♓57'26	
inferior conj	-2370 Apr 09 j 02:37	28°♓35'18	0°-10'-58
minimum elong	-2370 Apr 09 j 02:06	28°♓36'02	0°10'48
transit middle	-2370 Apr 09 j 02:06	28°♓36'02	0°10'48
transit begin	-2370 Apr 08 j 23:07	28°♓40'17	
transit end	-2370 Apr 09 j 05:06	28°♓31'46	
min. Earth dist.	-2370 Apr 09 j 22:48	28°♓06'37	0.55140 AU
morning rise	-2370 Apr 18 j 05:54	24°♓27'05	
direct	-2370 Apr 21 j 11:49	24°♓04'10	
	-2370 May 04 j 03:05	0°♈	
morning max el	-2370 May 04 j 11:48	0°♈20'16	22°38'55
	-2370 May 24 j 00:33	0°♉	
asc. node	-2370 May 25 j 02:52	2°♉13'34	
morning set	-2370 May 26 j 14:47	5°♉19'06	
superior conj	-2370 Jun 02 j 20:27	20°♉40'56	1°20'09
minimum elong	-2370 Jun 02 j 17:51	20°♉27'06	1°19'51
max. Earth dist.	-2370 Jun 05 j 16:39	26°♉39'02	1.34183 AU
	-2370 Jun 07 j 07:40	0°♊	
evening rise	-2370 Jun 10 j 16:58	6°♊47'22	
	-2370 Jun 23 j 15:46	0°♋	
desc. node	-2370 Jul 05 j 10:11	17°♋18'12	
evening max el	-2370 Jul 15 j 04:30	28°♋30'51	27°13'25
	-2370 Jul 16 j 19:08	0°♌	
retrograde	-2370 Jul 28 j 13:55	5°♌51'47	
evening set	-2370 Aug 04 j 13:54	3°♌06'02	
	-2370 Aug 07 j 20:55	30°℞♋	
min. Earth dist.	-2370 Aug 08 j 08:34	29°♋28'40	0.64786 AU
inferior conj	-2370 Aug 10 j 12:37	27°♋04'10	-3°-11'-18
minimum elong	-2370 Aug 10 j 16:42	26°♋52'49	3°10'04
morning rise	-2370 Aug 16 j 21:00	21°♋31'16	
direct	-2370 Aug 19 j 13:53	20°♋52'32	
asc. node	-2370 Aug 21 j 02:04	21°♋04'37	
morning max el	-2370 Aug 26 j 02:18	24°♋22'45	18°08'13
	-2370 Aug 30 j 15:59	0°♌	
morning set	-2370 Sep 13 j 03:38	21°♌44'16	
	-2370 Sep 18 j 02:42	0°♍	
superior conj	-2370 Sep 27 j 01:56	14°♍35'37	0°27'40
minimum elong	-2370 Sep 27 j 05:12	14°♍48'41	0°27'15
max. Earth dist.	-2370 Oct 01 j 00:45	20°♍53'04	1.44609 AU
desc. node	-2370 Oct 01 j 09:37	21°♍28'07	
	-2370 Oct 06 j 19:51	0°♎	
evening rise	-2370 Oct 13 j 16:19	10°♎39'41	
	-2370 Oct 26 j 07:15	0°♏	
greatest brilliancy	-2370 Oct 31 j 14:51	7°♏46'37	-0.6m
evening max el	-2370 Nov 08 j 03:22	17°♏14'44	19°52'25
retrograde	-2370 Nov 15 j 15:50	21°♏38'13	
asc. node	-2370 Nov 17 j 01:09	21°♏27'06	
evening set	-2370 Nov 19 j 03:47	20°♏26'44	
inferior conj	-2370 Nov 24 j 17:17	14°♏24'00	2°25'28
minimum elong	-2370 Nov 24 j 14:29	14°♏33'16	2°24'30
min. Earth dist.	-2370 Nov 25 j 16:22	13°♏07'44	0.66546 AU
morning rise	-2370 Nov 30 j 00:33	8°♏09'26	
direct	-2370 Dec 05 j 22:34	5°♏34'00	
morning max el	-2370 Dec 17 j 22:14	12°♏40'26	25°23'55
desc. node	-2370 Dec 28 j 08:59	25°♏06'01	
	-2370 Dec 31 j 22:47	0°♐	
	-2369 Jan 19 j 23:36	0°♑	
morning set	-2369 Jan 23 j 03:34	5°♑37'31	
max. Earth dist.	-2369 Jan 26 j 22:37	12°♑37'28	1.36456 AU
superior conj	-2369 Feb 01 j 20:24	24°♑04'10	-1°-36'00
minimum elong	-2369 Feb 01 j 23:49	24°♑21'07	1°35'42
	-2369 Feb 04 j 19:19	0°♒	
evening rise	-2369 Feb 10 j 00:32	10°♒35'50	
asc. node	-2369 Feb 13 j 00:26	16°♒34'05	
	-2369 Feb 20 j 13:07	0°♓	
evening max el	-2369 Feb 27 j 12:45	8°♓51'04	19°46'13
retrograde	-2369 Mar 09 j 07:23	13°♓30'40	
evening set	-2369 Mar 11 j 13:03	13°♓17'08	
inferior conj	-2369 Mar 20 j 04:12	9°♓14'35	1°40'10
minimum elong	-2369 Mar 20 j 08:08	9°♓08'27	1°38'54
min. Earth dist.	-2369 Mar 22 j 12:58	7°♓46'22	0.55896 AU
desc. node	-2369 Mar 26 j 08:04	5°♓41'22	
morning rise	-2369 Mar 28 j 23:59	4°♓38'53	
direct	-2369 Apr 02 j 05:38	3°♓59'01	
morning max el	-2369 Apr 16 j 03:51	10°♓57'21	24°18'52
	-2369 Apr 30 j 11:24	0°♈	
morning set	-2369 May 11 j 02:49	20°♈19'51	
asc. node	-2369 May 11 j 23:53	22°♈10'58	
	-2369 May 15 j 15:13	0°♉	
superior conj	-2369 May 18 j 04:44	5°♉33'12	1°00'57
minimum elong	-2369 May 18 j 02:25	5°♉20'39	1°00'35
max. Earth dist.	-2369 May 19 j 21:21	9°♉11'53	1.33257 AU
evening rise	-2369 May 25 j 14:11	21°♉06'55	
	-2369 May 30 j 02:57	0°♊	
	-2369 Jun 17 j 15:38	0°♋	
desc. node	-2369 Jun 22 j 07:13	5°♋51'16	
evening max el	-2369 Jun 27 j 14:31	11°♋31'58	27°25'02
retrograde	-2369 Jul 11 j 07:44	18°♋53'22	
evening set	-2369 Jul 18 j 12:07	16°♋17'15	
min. Earth dist.	-2369 Jul 22 j 02:21	13°♋12'31	0.63205 AU
inferior conj	-2369 Jul 24 j 20:03	10°♋28'38	-3°-52'-25
minimum elong	-2369 Jul 25 j 00:03	10°♋18'36	3°51'33
morning rise	-2369 Jul 31 j 14:08	5°♋14'14	
direct	-2369 Aug 03 j 03:18	4°♋43'16	
asc. node	-2369 Aug 07 j 23:09	6°♋35'02	
morning max el	-2369 Aug 09 j 17:33	8°♋07'45	17°55'21
	-2369 Aug 24 j 03:06	0°♌	
morning set	-2369 Aug 26 j 07:36	3°♌50'31	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2369 Sep 07 j 06:25	24°♌23'28	1°07'27
minimum elong	-2369 Sep 07 j 11:55	24°♌46'21	1°06'52
	-2369 Sep 10 j 15:55	0°♍	
max. Earth dist.	-2369 Sep 13 j 16:34	4°♍54'56	1.43620 AU
desc. node	-2369 Sep 18 j 06:36	12°♍13'22	
evening rise	-2369 Sep 22 j 21:44	19°♍27'29	
	-2369 Sep 29 j 19:11	0°♎	
greatest brilliancy	-2369 Oct 16 j 14:12	24°♎06'44	-0.5m
	-2369 Oct 21 j 12:19	0°♏	
evening max el	-2369 Oct 22 j 04:03	0°♏41'14	20°57'03
retrograde	-2369 Oct 30 j 13:05	5°♏39'02	
evening set	-2369 Nov 03 j 11:10	4°♏11'35	
asc. node	-2369 Nov 03 j 22:14	3°♏49'40	
	-2369 Nov 07 j 09:35	30°℞♎	
inferior conj	-2369 Nov 08 j 21:37	27°♎58'40	1°39'08
minimum elong	-2369 Nov 08 j 19:30	28°♎05'54	1°38'17
min. Earth dist.	-2369 Nov 09 j 08:55	27°♎20'04	0.67173 AU
morning rise	-2369 Nov 14 j 03:28	21°♎42'16	
direct	-2369 Nov 19 j 10:05	19°♎26'19	
morning max el	-2369 Nov 30 j 06:55	25°♎55'10	23°59'42
	-2369 Dec 04 j 00:40	0°♏	
desc. node	-2369 Dec 15 j 06:00	14°♏39'55	
	-2369 Dec 25 j 12:40	0°♐	
morning set	-2368 Jan 04 j 20:24	16°♐54'33	
max. Earth dist.	-2368 Jan 08 j 18:52	23°♐47'34	1.38430 AU
	-2368 Jan 12 j 05:10	0°♑	
superior conj	-2368 Jan 15 j 23:47	7°♑03'38	-1°-51'-18
minimum elong	-2368 Jan 16 j 02:21	7°♑15'53	1°51'13
evening rise	-2368 Jan 24 j 22:19	24°♑27'25	
	-2368 Jan 27 j 18:47	0°♒	
asc. node	-2368 Jan 30 j 21:28	5°♒49'26	
evening max el	-2368 Feb 10 j 10:09	21°♒02'29	18°53'32
retrograde	-2368 Feb 18 j 17:27	25°♒02'39	
evening set	-2368 Feb 21 j 01:55	24°♒44'41	
inferior conj	-2368 Feb 28 j 23:26	20°♒26'05	3°00'49
minimum elong	-2368 Feb 29 j 03:59	20°♒17'50	2°59'45
min. Earth dist.	-2368 Mar 03 j 04:55	18°♒07'15	0.57400 AU
morning rise	-2368 Mar 08 j 02:07	15°♒19'10	
desc. node	-2368 Mar 12 j 05:07	14°♒12'31	
direct	-2368 Mar 13 j 12:17	14°♒08'25	
morning max el	-2368 Mar 27 j 19:11	21°♒33'49	25°51'36
	-2368 Apr 04 j 03:53	0°♓	
	-2368 Apr 22 j 00:26	0°♈	
morning set	-2368 Apr 24 j 14:39	5°♈20'41	
asc. node	-2368 Apr 27 j 20:54	12°♈18'22	
superior conj	-2368 May 01 j 15:39	20°♈33'16	0°38'51
minimum elong	-2368 May 01 j 14:02	20°♈24'21	0°38'32
max. Earth dist.	-2368 May 02 j 08:05	22°♈03'00	1.32691 AU
	-2368 May 06 j 00:18	0°♉	
evening rise	-2368 May 08 j 18:27	5°♉47'45	
	-2368 May 21 j 17:49	0°♊	
desc. node	-2368 Jun 08 j 04:15	23°♊19'21	
evening max el	-2368 Jun 08 j 20:21	23°♊58'25	27°04'28
	-2368 Jun 17 j 05:13	0°♋	
retrograde	-2368 Jun 22 j 18:56	1°♋18'26	
	-2368 Jun 28 j 03:24	30°℞♊	
evening set	-2368 Jun 29 j 18:11	29°♊06'07	
min. Earth dist.	-2368 Jul 03 j 10:04	26°♊22'20	0.61309 AU
inferior conj	-2368 Jul 06 j 14:59	23°♊33'06	-4°-21'-3
minimum elong	-2368 Jul 06 j 17:34	23°♊27'23	4°20'45
morning rise	-2368 Jul 13 j 19:51	18°♊40'01	
direct	-2368 Jul 16 j 07:21	18°♊14'41	
morning max el	-2368 Jul 23 j 07:15	21°♊42'49	18°01'08
asc. node	-2368 Jul 24 j 20:12	23°♊20'45	
	-2368 Jul 29 j 16:02	0°♋	
morning set	-2368 Aug 08 j 06:13	16°♋50'57	
	-2368 Aug 15 j 11:14	0°♌	
superior conj	-2368 Aug 18 j 14:37	5°♌34'19	1°33'22
minimum elong	-2368 Aug 18 j 18:47	5°♌52'33	1°33'06
max. Earth dist.	-2368 Aug 26 j 02:55	18°♌23'31	1.42078 AU
evening rise	-2368 Sep 01 j 09:51	28°♌36'19	
	-2368 Sep 02 j 06:57	0°♍	
desc. node	-2368 Sep 04 j 03:37	2°♍55'35	
	-2368 Sep 22 j 11:48	0°♎	
greatest brilliancy	-2368 Sep 29 j 04:53	8°♎46'32	-0.3m
evening max el	-2368 Oct 03 j 22:43	14°♎07'47	22°11'54
retrograde	-2368 Oct 13 j 08:51	19°♎44'00	
evening set	-2368 Oct 17 j 19:05	17°♎58'39	
asc. node	-2368 Oct 20 j 19:18	14°♎49'25	
inferior conj	-2368 Oct 23 j 04:04	11°♎39'14	0°48'30
minimum elong	-2368 Oct 23 j 02:58	11°♎43'04	0°48'01
min. Earth dist.	-2368 Oct 23 j 04:44	11°♎36'57	0.67481 AU
morning rise	-2368 Oct 28 j 10:41	5°♎23'35	
direct	-2368 Nov 02 j 02:05	3°♎29'34	
morning max el	-2368 Nov 11 j 17:53	9°♎14'04	22°32'41
greatest brilliancy	-2368 Nov 16 j 10:09	14°♎29'29	-0.3m
	-2368 Nov 27 j 22:25	0°♏	
desc. node	-2368 Dec 01 j 03:03	4°♏39'39	
morning set	-2368 Dec 15 j 09:15	26°♏48'24	
	-2368 Dec 17 j 07:55	0°♐	
max. Earth dist.	-2368 Dec 20 j 15:16	5°♐32'22	1.40521 AU
superior conj	-2368 Dec 28 j 10:08	19°♐09'45	-1°-57'-51
minimum elong	-2368 Dec 28 j 10:17	19°♐10'27	1°57'55
	-2367 Jan 03 j 07:29	0°♑	
evening rise	-2367 Jan 07 j 10:21	7°♑45'23	
asc. node	-2367 Jan 16 j 18:30	24°♑34'54	
	-2367 Jan 20 j 10:12	0°♒	
evening max el	-2367 Jan 23 j 15:30	3°♒43'26	18°20'56
retrograde	-2367 Jan 30 j 22:01	7°♒19'30	
evening set	-2367 Feb 02 j 10:06	6°♒54'59	
inferior conj	-2367 Feb 09 j 15:24	2°♒15'38	3°44'47
minimum elong	-2367 Feb 09 j 17:53	2°♒10'25	3°44'28
	-2367 Feb 12 j 07:55	30°℞♑	
min. Earth dist.	-2367 Feb 13 j 00:58	29°♑25'30	0.59346 AU
morning rise	-2367 Feb 16 j 22:13	26°♑44'24	
direct	-2367 Feb 23 j 08:03	24°♑54'47	
desc. node	-2367 Feb 27 j 02:11	25°♑30'54	
	-2367 Mar 06 j 18:14	0°♒	
morning max el	-2367 Mar 09 j 14:44	2°♒34'31	27°02'04
	-2367 Mar 29 j 11:18	0°♓	
morning set	-2367 Apr 09 j 00:31	20°♓14'14	
	-2367 Apr 13 j 14:18	0°♈	
asc. node	-2367 Apr 14 j 17:54	2°♈30'27	
superior conj	-2367 Apr 16 j 03:25	5°♈33'54	0°14'40
minimum elong	-2367 Apr 16 j 02:46	5°♈30'19	0°14'32
behind sun begin	-2367 Apr 16 j 00:48	5°♈19'34	
behind sun end	-2367 Apr 16 j 04:43	5°♈41'04	
max. Earth dist.	-2367 Apr 15 j 21:11	4°♈59'44	1.32474 AU
evening rise	-2367 Apr 23 j 03:10	20°♈40'13	
	-2367 Apr 27 j 17:34	0°♉	
	-2367 May 16 j 14:02	0°♊	
evening max el	-2367 May 21 j 20:06	5°♊41'54	26°11'43
desc. node	-2367 May 26 j 01:18	9°♊14'25	
retrograde	-2367 Jun 04 j 21:58	12°♊58'12	
evening set	-2367 Jun 11 j 03:47	11°♊21'47	
min. Earth dist.	-2367 Jun 15 j 09:02	8°♊41'53	0.59258 AU
inferior conj	-2367 Jun 18 j 17:44	6°♊07'30	-4°-29'-18
minimum elong	-2367 Jun 18 j 17:12	6°♊08'30	4°29'16
morning rise	-2367 Jun 26 j 10:18	1°♊36'43	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

direct	-2367 Jun 28 j 21:42	1°♊15'30		
morning max el	-2367 Jul 06 j 16:22	4°♊58'32	18°26'32	
asc. node	-2367 Jul 11 j 17:15	11°♊05'27		
	-2367 Jul 22 j 11:49	0°♋		
morning set	-2367 Jul 22 j 18:22	0°♋31'25		
superior conj	-2367 Jul 31 j 22:30	17°♋55'42	1°46'08	
minimum elong	-2367 Aug 01 j 00:10	18°♋03'28	1°46'07	
	-2367 Aug 07 j 15:49	0°♌		
max. Earth dist.	-2367 Aug 08 j 07:27	1°♌07'56	1.40193 AU	
evening rise	-2367 Aug 12 j 19:37	8°♌46'51		
desc. node	-2367 Aug 22 j 00:39	23°♌30'26		
	-2367 Aug 26 j 07:46	0°♍		
evening max el	-2367 Sep 16 j 12:40	27°♍36'26	23°32'07	
	-2367 Sep 19 j 02:31	0°♎		
retrograde	-2367 Sep 27 j 01:39	3°♎50'07		
evening set	-2367 Oct 02 j 01:51	1°♎45'49		
	-2367 Oct 03 j 20:51	30°℞♍		
inferior conj	-2367 Oct 07 j 10:50	25°♍23'49	0°-4'-45	
minimum elong	-2367 Oct 07 j 10:57	25°♍23'26	0°04'43	
transit middle	-2367 Oct 07 j 10:57	25°♍23'26	0°04'43	
transit begin	-2367 Oct 07 j 08:21	25°♍32'19		
transit end	-2367 Oct 07 j 13:33	25°♍14'33		
min. Earth dist.	-2367 Oct 07 j 01:18	25°♍56'29	0.67479 AU	
asc. node	-2367 Oct 07 j 16:22	25°♍04'54		
morning rise	-2367 Oct 12 j 20:08	19°♍11'52		
direct	-2367 Oct 16 j 21:37	17°♍39'22		
morning max el	-2367 Oct 25 j 10:18	22°♍40'09	21°11'06	
greatest brilliancy	-2367 Oct 30 j 20:58	28°♍59'43	-0.5m	
	-2367 Oct 31 j 15:41	0°♎		
desc. node	-2367 Nov 18 j 00:06	24°♎58'02		
	-2367 Nov 21 j 06:54	0°♏		
morning set	-2367 Nov 24 j 18:50	5°♏26'33		
max. Earth dist.	-2367 Dec 02 j 18:06	18°♏12'03	1.42439 AU	
superior conj	-2367 Dec 09 j 21:59	0°♐10'00	-1°-51'-38	
minimum elong	-2367 Dec 09 j 18:10	29°♏53'44	1°51'31	
	-2367 Dec 09 j 19:38	0°♐		
evening rise	-2367 Dec 21 j 09:01	20°♐22'27		
	-2367 Dec 26 j 17:59	0°♑		
asc. node	-2366 Jan 03 j 15:34	12°♑41'30		
evening max el	-2366 Jan 07 j 01:57	16°♑46'03	18°08'09	
retrograde	-2366 Jan 13 j 18:34	20°♑12'48		
evening set	-2366 Jan 16 j 10:09	19°♑40'31		
inferior conj	-2366 Jan 23 j 02:10	14°♑39'18	3°58'05	
minimum elong	-2366 Jan 23 j 02:05	14°♑39'28	3°58'03	
min. Earth dist.	-2366 Jan 26 j 03:45	11°♑42'30	0.61396 AU	
morning rise	-2366 Jan 29 j 15:33	8°♑51'43		
direct	-2366 Feb 05 j 14:18	6°♑27'55		
desc. node	-2366 Feb 13 j 23:15	9°♑27'43		
morning max el	-2366 Feb 19 j 16:25	14°♑13'53	27°39'37	
	-2366 Mar 04 j 10:15	0°♒		
	-2366 Mar 21 j 20:16	0°♓		
morning set	-2366 Mar 24 j 06:31	4°♓53'44		
max. Earth dist.	-2366 Mar 30 j 09:00	17°♓49'20	1.32615 AU	
superior conj	-2366 Mar 31 j 14:23	20°♓29'09	0°-10'-45	
minimum elong	-2366 Mar 31 j 14:53	20°♓31'50	0°10'41	
behind sun begin	-2366 Mar 31 j 11:06	20°♓11'15		
behind sun end	-2366 Mar 31 j 18:39	20°♓52'25		
asc. node	-2366 Apr 01 j 14:57	22°♓43'10		
	-2366 Apr 04 j 23:14	0°♈		
evening rise	-2366 Apr 07 j 14:20	5°♈37'09		
	-2366 Apr 20 j 14:22	0°♉		
evening max el	-2366 May 03 j 13:58	16°♉45'34	24°52'44	
desc. node	-2366 May 12 j 22:20	23°♉01'30		
retrograde	-2366 May 17 j 14:09	23°♉51'37		
evening set	-2366 May 22 j 15:04	22°♉53'42		
min. Earth dist.	-2366 May 28 j 01:57	20°♉01'11	0.57325 AU	
inferior conj	-2366 May 31 j 01:09	18°♉03'05	-4°-6'-19	
minimum elong	-2366 May 30 j 20:38	18°♉10'38	4°05'38	
morning rise	-2366 Jun 08 j 06:12	13°♉52'44		
direct	-2366 Jun 10 j 18:32	13°♉34'30		
morning max el	-2366 Jun 19 j 17:58	17°♉45'38	19°12'25	
asc. node	-2366 Jun 28 j 14:19	29°♉35'57		
	-2366 Jun 28 j 19:59	0°♊		
morning set	-2366 Jul 06 j 16:13	14°♊42'18		
	-2366 Jul 14 j 09:32	0°♋		
superior conj	-2366 Jul 15 j 00:20	1°♋11'58	1°48'10	
minimum elong	-2366 Jul 14 j 23:51	1°♋09'36	1°48'12	
max. Earth dist.	-2366 Jul 21 j 09:48	13°♋14'41	1.38221 AU	
evening rise	-2366 Jul 25 j 07:07	20°♋11'42		
	-2366 Jul 31 j 01:43	0°♌		
desc. node	-2366 Aug 08 j 21:41	13°♌53'15		
	-2366 Aug 20 j 09:28	0°♍		
evening max el	-2366 Aug 30 j 00:12	11°♍08'30	24°51'00	
retrograde	-2366 Sep 10 j 14:26	17°♍53'23		
evening set	-2366 Sep 16 j 05:39	15°♍30'43		
min. Earth dist.	-2366 Sep 20 j 20:04	10°♍16'27	0.67170 AU	
inferior conj	-2366 Sep 21 j 16:10	9°♍09'51	0°-59'-6	
minimum elong	-2366 Sep 21 j 17:36	9°♍05'08	0°58'30	
asc. node	-2366 Sep 24 j 13:28	5°♍32'50		
morning rise	-2366 Sep 27 j 05:55	3°♍04'49		
direct	-2366 Sep 30 j 19:21	1°♍51'38		
morning max el	-2366 Oct 08 j 10:05	6°♍15'23	20°00'30	
greatest brilliancy	-2366 Oct 15 j 18:56	15°♍21'01	-0.6m	
	-2366 Oct 25 j 18:56	0°♎		
morning set	-2366 Nov 03 j 16:10	13°♎36'43		
desc. node	-2366 Nov 04 j 21:08	15°♎28'55		
	-2366 Nov 14 j 03:07	0°♏		
max. Earth dist.	-2366 Nov 15 j 04:54	1°♏42'46	1.43916 AU	
superior conj	-2366 Nov 20 j 06:49	9°♏54'04	-1°-28'-53	
minimum elong	-2366 Nov 19 j 23:33	9°♏24'27	1°28'16	
	-2366 Dec 02 j 07:37	0°♐		
evening rise	-2366 Dec 03 j 13:54	2°♐09'33		
evening max el	-2366 Dec 21 j 14:29	0°♑01'43	18°14'32	
asc. node	-2366 Dec 21 j 12:37	29°♐56'58		
	-2366 Dec 21 j 13:49	0°♑		
retrograde	-2366 Dec 28 j 02:53	3°♑31'52		
evening set	-2366 Dec 30 j 22:16	2°♑50'49		
	-2365 Jan 03 j 17:47	30°℞♐		
inferior conj	-2365 Jan 06 j 03:53	27°♐28'46	3°49'09	
minimum elong	-2365 Jan 06 j 01:57	27°♐34'00	3°48'53	
min. Earth dist.	-2365 Jan 08 j 15:36	24°♐46'46	0.63278 AU	
morning rise	-2365 Jan 12 j 03:59	21°♐29'51		
direct	-2365 Jan 19 j 04:35	18°♐45'05		
desc. node	-2365 Jan 31 j 20:20	25°♐27'10		
morning max el	-2365 Feb 01 j 23:13	26°♐31'56	27°40'37	
	-2365 Feb 05 j 05:43	0°♑		
	-2365 Feb 25 j 23:35	0°♒		
morning set	-2365 Mar 08 j 06:17	19°♒10'30		
max. Earth dist.	-2365 Mar 13 j 15:35	0°♓17'33	1.33136 AU	
	-2365 Mar 13 j 12:16	0°♓		
superior conj	-2365 Mar 15 j 22:47	5°♓12'15	0°-36'-33	
minimum elong	-2365 Mar 16 j 00:28	5°♓21'15	0°36'15	
asc. node	-2365 Mar 19 j 12:00	12°♓51'43		
evening rise	-2365 Mar 23 j 02:02	20°♓31'07		
	-2365 Mar 27 j 17:49	0°♈		
evening max el	-2365 Apr 15 j 05:22	27°♈25'58	23°19'35	
	-2365 Apr 18 j 04:33	0°♉		
retrograde	-2365 Apr 28 j 17:33	4°♉08'32		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2365 Apr 29 j 19:21	4°♉05'57	
evening set	-2365 May 02 j 09:31	3°♉39'07	
min. Earth dist.	-2365 May 09 j 15:48	0°♉21'26	0.55838 AU
	-2365 May 10 j 06:26	30°℞♈	
inferior conj	-2365 May 11 j 12:42	29°♈15'15	-3°-2'-12
minimum elong	-2365 May 11 j 06:12	29°♈24'51	3°00'28
morning rise	-2365 May 20 j 06:10	25°♈18'27	
direct	-2365 May 22 j 20:39	25°♈01'52	
	-2365 Jun 02 j 11:39	0°♉	
morning max el	-2365 Jun 02 j 09:36	29°♈55'13	20°19'00
asc. node	-2365 Jun 15 j 11:23	18°♉41'17	
morning set	-2365 Jun 20 j 20:48	29°♉15'53	
	-2365 Jun 21 j 05:28	0°♊	
superior conj	-2365 Jun 28 j 15:09	15°♊09'10	1°41'56
minimum elong	-2365 Jun 28 j 13:15	14°♊59'36	1°41'52
max. Earth dist.	-2365 Jul 03 j 15:31	25°♊03'54	1.36393 AU
	-2365 Jul 06 j 05:51	0°♋	
evening rise	-2365 Jul 07 j 17:04	2°♋43'23	
	-2365 Jul 24 j 01:57	0°♌	
desc. node	-2365 Jul 26 j 18:39	3°♌58'16	
evening max el	-2365 Aug 12 j 11:19	24°♌42'35	26°00'45
	-2365 Aug 19 j 02:42	0°♍	
retrograde	-2365 Aug 24 j 22:33	1°♍49'22	
	-2365 Aug 30 j 03:55	30°℞♌	
evening set	-2365 Aug 31 j 04:35	29°♌11'34	
min. Earth dist.	-2365 Sep 04 j 10:38	24°♌34'51	0.66531 AU
inferior conj	-2365 Sep 05 j 18:15	22°♌55'25	-1°-52'-50
minimum elong	-2365 Sep 05 j 20:57	22°♌46'56	1°51'46
asc. node	-2365 Sep 11 j 10:33	17°♌05'56	
morning rise	-2365 Sep 11 j 14:06	17°♌00'29	
direct	-2365 Sep 14 j 17:39	16°♌03'28	
morning max el	-2365 Sep 21 j 16:58	19°♌59'23	19°04'08
	-2365 Sep 29 j 12:16	0°♍	
morning set	-2365 Oct 14 j 01:26	22°♍28'34	
	-2365 Oct 18 j 20:20	0°♎	
desc. node	-2365 Oct 22 j 18:09	6°♎08'19	
max. Earth dist.	-2365 Oct 28 j 21:18	15°♎47'02	1.44758 AU
superior conj	-2365 Oct 30 j 15:14	18°♎32'31	0°-49'-14
minimum elong	-2365 Oct 30 j 09:10	18°♎08'34	0°48'31
	-2365 Nov 06 j 20:04	0°♏	
evening rise	-2365 Nov 14 j 20:40	12°♏59'01	
	-2365 Nov 25 j 08:22	0°♐	
evening max el	-2365 Dec 05 j 02:24	13°♐24'45	18°39'18
asc. node	-2365 Dec 08 j 09:40	16°♐07'28	
retrograde	-2365 Dec 11 j 18:47	17°♐09'02	
evening set	-2365 Dec 14 j 19:06	16°♐17'50	
inferior conj	-2365 Dec 20 j 16:51	10°♐37'28	3°24'43
minimum elong	-2365 Dec 20 j 14:00	10°♐45'59	3°24'04
min. Earth dist.	-2365 Dec 22 j 13:29	8°♐24'03	0.64839 AU
morning rise	-2365 Dec 26 j 07:45	4°♐30'19	
direct	-2364 Jan 02 j 01:43	1°♐39'34	
morning max el	-2364 Jan 15 j 08:44	9°♐20'29	27°07'33
desc. node	-2364 Jan 18 j 17:25	12°♐55'32	
	-2364 Jan 31 j 14:56	0°♑	
	-2364 Feb 18 j 08:16	0°♒	
morning set	-2364 Feb 19 j 20:49	2°♒55'15	
max. Earth dist.	-2364 Feb 24 j 13:11	12°♒14'10	1.34074 AU
superior conj	-2364 Feb 28 j 02:41	19°♒37'08	-1°-1'-38
minimum elong	-2364 Feb 28 j 05:25	19°♒51'26	1°01'12
	-2364 Mar 04 j 00:25	0°♓	
asc. node	-2364 Mar 05 j 09:01	2°♓52'04	
evening rise	-2364 Mar 06 j 12:31	5°♓16'05	
	-2364 Mar 20 j 04:39	0°♈	
evening max el	-2364 Mar 27 j 00:47	8°♈11'30	21°46'41
retrograde	-2364 Apr 08 j 10:11	14°♈12'35	
evening set	-2364 Apr 11 j 01:26	13°♈56'59	
desc. node	-2364 Apr 15 j 16:25	12°♈23'28	
inferior conj	-2364 Apr 20 j 10:03	9°♈53'36	-1°-19'-11
minimum elong	-2364 Apr 20 j 06:23	9°♈58'44	1°17'55
min. Earth dist.	-2364 Apr 20 j 05:11	10°♈00'25	0.55118 AU
morning rise	-2364 Apr 29 j 12:17	5°♈55'13	
direct	-2364 May 02 j 09:24	5°♈36'54	
morning max el	-2364 May 14 j 14:22	11°♈22'46	21°44'05
	-2364 May 28 j 00:51	0°♉	
asc. node	-2364 Jun 01 j 08:25	8°♉12'07	
morning set	-2364 Jun 04 j 05:45	14°♉04'40	
superior conj	-2364 Jun 11 j 14:58	29°♉34'55	1°29'31
minimum elong	-2364 Jun 11 j 12:26	29°♉21'41	1°29'17
	-2364 Jun 11 j 19:47	0°♊	
max. Earth dist.	-2364 Jun 15 j 05:16	6°♊59'15	1.34873 AU
evening rise	-2364 Jun 19 j 20:15	16°♊07'21	
	-2364 Jun 27 j 10:31	0°♋	
desc. node	-2364 Jul 12 j 15:39	23°♋37'06	
	-2364 Jul 17 j 13:13	0°♌	
evening max el	-2364 Jul 24 j 22:44	8°♌11'56	26°53'36
retrograde	-2364 Aug 07 j 01:41	15°♌30'49	
evening set	-2364 Aug 13 j 20:20	12°♌44'45	
min. Earth dist.	-2364 Aug 17 j 18:39	8°♌46'26	0.65530 AU
inferior conj	-2364 Aug 19 j 15:04	6°♌36'39	-2°-44'00
minimum elong	-2364 Aug 19 j 18:47	6°♌25'46	2°42'44
morning rise	-2364 Aug 25 j 18:30	0°♌54'59	
asc. node	-2364 Aug 28 j 07:37	0°♌11'06	
direct	-2364 Aug 28 j 14:31	0°♌10'39	
morning max el	-2364 Sep 04 j 05:07	3°♌47'56	18°23'44
	-2364 Sep 21 j 22:08	0°♍	
morning set	-2364 Sep 23 j 12:56	2°♍38'21	
superior conj	-2364 Oct 08 j 15:09	26°♍52'26	0°00'00
minimum elong	-2364 Oct 08 j 15:08	26°♍52'23	0°00'01
behind sun begin	-2364 Oct 08 j 05:40	26°♍14'54	
behind sun end	-2364 Oct 09 j 00:37	27°♍29'49	
desc. node	-2364 Oct 08 j 15:09	26°♍52'23	
max. Earth dist.	-2364 Oct 10 j 15:36	0°♎03'31	1.44873 AU
	-2364 Oct 10 j 14:43	0°♎	
evening rise	-2364 Oct 25 j 02:56	22°♎46'32	
	-2364 Oct 29 j 17:25	0°♏	
greatest brilliancy	-2364 Nov 07 j 22:04	14°♏11'58	-0.7m
evening max el	-2364 Nov 17 j 11:20	26°♏50'53	19°21'15
	-2364 Nov 21 j 07:48	0°♐	
asc. node	-2364 Nov 24 j 06:44	0°♐57'32	
retrograde	-2364 Nov 24 j 14:48	0°♐58'11	
evening set	-2364 Nov 27 j 21:49	29°♏54'55	
	-2364 Nov 27 j 18:34	30°℞♏	
inferior conj	-2364 Dec 03 j 13:48	23°♏59'23	2°49'27
minimum elong	-2364 Dec 03 j 10:49	24°♏08'59	2°48'31
min. Earth dist.	-2364 Dec 04 j 20:20	22°♏21'21	0.66026 AU
morning rise	-2364 Dec 08 j 23:00	17°♏46'36	
direct	-2364 Dec 15 j 05:08	15°♏02'43	
morning max el	-2364 Dec 27 j 18:19	22°♏26'27	26°07'17
	-2363 Jan 03 j 10:54	0°♐	
desc. node	-2363 Jan 04 j 14:29	1°♐26'34	
	-2363 Jan 23 j 21:15	0°♑	
morning set	-2363 Feb 01 j 22:03	15°♑55'49	
max. Earth dist.	-2363 Feb 05 j 23:00	23°♑36'21	1.35458 AU
	-2363 Feb 09 j 04:45	0°♒	
superior conj	-2363 Feb 10 j 23:42	3°♒36'48	-1°-24'-32
minimum elong	-2363 Feb 11 j 03:04	3°♒53'55	1°24'08
evening rise	-2363 Feb 18 j 19:53	19°♒45'59	
asc. node	-2363 Feb 20 j 06:02	22°♒39'46	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2363 Feb 23 j 23:43	0°♓	
evening max el	-2363 Mar 09 j 05:45	19°♓26'43	20°25'22
retrograde	-2363 Mar 20 j 00:18	24°♓35'12	
evening set	-2363 Mar 22 j 05:56	24°♓22'50	
inferior conj	-2363 Mar 31 j 06:07	20°♓24'56	0°38'40
minimum elong	-2363 Mar 31 j 07:51	20°♓22'23	0°38'04
min. Earth dist.	-2363 Apr 01 j 19:22	19°♓30'19	0.55343 AU
desc. node	-2363 Apr 02 j 13:30	19°♓04'14	
morning rise	-2363 Apr 09 j 07:36	16°♓05'59	
direct	-2363 Apr 12 j 22:09	15°♓37'38	
morning max el	-2363 Apr 26 j 09:56	22°♓14'13	23°21'27
	-2363 May 03 j 04:28	0°♈	
asc. node	-2363 May 19 j 05:27	28°♈01'42	
morning set	-2363 May 19 j 17:09	29°♈02'49	
	-2363 May 20 j 04:03	0°♉	
superior conj	-2363 May 26 j 20:52	14°♉20'06	1°12'26
minimum elong	-2363 May 26 j 18:19	14°♉06'29	1°12'06
max. Earth dist.	-2363 May 29 j 04:45	19°♉17'02	1.33734 AU
	-2363 Jun 03 j 09:57	0°♊	
evening rise	-2363 Jun 03 j 12:02	0°♊10'25	
	-2363 Jun 20 j 11:16	0°♋	
desc. node	-2363 Jun 29 j 12:39	12°♋38'32	
evening max el	-2363 Jul 07 j 09:48	21°♋26'53	27°22'06
retrograde	-2363 Jul 20 j 23:17	28°♋49'25	
evening set	-2363 Jul 28 j 01:59	26°♋05'55	
min. Earth dist.	-2363 Jul 31 j 18:12	22°♋43'25	0.64154 AU
inferior conj	-2363 Aug 03 j 04:12	20°♋09'03	-3°-29'-54
minimum elong	-2363 Aug 03 j 08:23	19°♋57'55	3°28'47
morning rise	-2363 Aug 09 j 16:35	14°♋43'44	
direct	-2363 Aug 12 j 07:28	14°♋08'47	
asc. node	-2363 Aug 15 j 04:41	14°♋51'14	
morning max el	-2363 Aug 18 j 19:59	17°♋35'49	18°00'30
	-2363 Aug 27 j 19:09	0°♌	
morning set	-2363 Sep 05 j 03:33	14°♌06'14	
	-2363 Sep 14 j 13:58	0°♍	
superior conj	-2363 Sep 18 j 05:00	5°♍56'41	0°46'05
minimum elong	-2363 Sep 18 j 09:47	6°♍16'07	0°45'31
max. Earth dist.	-2363 Sep 23 j 08:38	14°♍13'54	1.44267 AU
desc. node	-2363 Sep 25 j 12:06	17°♍38'02	
	-2363 Oct 03 j 10:03	0°♎	
evening rise	-2363 Oct 04 j 13:22	1°♎45'31	
	-2363 Oct 23 j 10:08	0°♏	
greatest brilliancy	-2363 Oct 25 j 02:12	2°♏18'12	-0.6m
evening max el	-2363 Oct 31 j 15:24	10°♏17'52	20°18'25
retrograde	-2363 Nov 08 j 12:09	14°♏55'29	
asc. node	-2363 Nov 11 j 03:48	14°♏14'56	
evening set	-2363 Nov 12 j 04:03	13°♏37'42	
inferior conj	-2363 Nov 17 j 16:05	7°♏30'19	2°06'28
minimum elong	-2363 Nov 17 j 13:32	7°♏38'56	2°05'30
min. Earth dist.	-2363 Nov 18 j 10:04	6°♏29'52	0.66856 AU
morning rise	-2363 Nov 22 j 22:27	1°♏14'28	
	-2363 Nov 24 j 13:42	30°℞♎	
direct	-2363 Nov 28 j 14:01	28°♎46'30	
	-2363 Dec 03 j 00:00	0°♏	
morning max el	-2363 Dec 10 j 02:50	5°♏38'44	24°48'53
desc. node	-2363 Dec 22 j 11:31	20°♏41'26	
	-2363 Dec 28 j 23:47	0°♐	
morning set	-2362 Jan 15 j 04:30	27°♐55'24	
	-2362 Jan 16 j 08:30	0°♑	
max. Earth dist.	-2362 Jan 18 j 22:04	4°♑39'12	1.37261 AU
superior conj	-2362 Jan 25 j 10:39	17°♑01'25	-1°-43'-21
minimum elong	-2362 Jan 25 j 13:52	17°♑17'08	1°43'08
	-2362 Jan 31 j 23:18	0°♒	
evening rise	-2362 Feb 02 j 21:53	3°♒53'16	
asc. node	-2362 Feb 07 j 03:03	12°♒08'39	
	-2362 Feb 18 j 14:50	0°♓	
evening max el	-2362 Feb 19 j 21:36	1°♓18'29	19°21'27
retrograde	-2362 Mar 01 j 00:02	5°♓39'05	
evening set	-2362 Mar 03 j 06:36	5°♓24'02	
inferior conj	-2362 Mar 11 j 14:22	1°♓16'02	2°18'53
minimum elong	-2362 Mar 11 j 19:02	1°♓08'19	2°17'32
	-2362 Mar 13 j 12:18	30°℞♒	
min. Earth dist.	-2362 Mar 14 j 10:22	29°♒24'16	0.56459 AU
morning rise	-2362 Mar 20 j 03:38	26°♒26'35	
desc. node	-2362 Mar 20 j 10:35	26°♒20'36	
direct	-2362 Mar 24 j 21:39	25°♒34'50	
	-2362 Apr 04 j 19:53	0°♓	
morning max el	-2362 Apr 08 j 00:49	2°♓47'06	25°00'03
	-2362 Apr 27 j 03:24	0°♈	
morning set	-2362 May 04 j 05:16	14°♈03'42	
asc. node	-2362 May 06 j 02:28	18°♈03'34	
superior conj	-2362 May 11 j 06:29	29°♈16'07	0°51'53
minimum elong	-2362 May 11 j 04:25	29°♈04'51	0°51'31
	-2362 May 11 j 14:34	0°♉	
max. Earth dist.	-2362 May 12 j 12:16	1°♉57'42	1.32973 AU
evening rise	-2362 May 18 j 12:36	14°♉39'58	
	-2362 May 26 j 11:29	0°♊	
	-2362 Jun 15 j 17:04	0°♋	
desc. node	-2362 Jun 16 j 09:41	0°♋46'29	
evening max el	-2362 Jun 19 j 18:30	4°♋14'43	27°20'28
retrograde	-2362 Jul 03 j 14:33	11°♋35'40	
evening set	-2362 Jul 10 j 17:52	9°♋08'18	
min. Earth dist.	-2362 Jul 14 j 07:53	6°♋13'55	0.62424 AU
inferior conj	-2362 Jul 17 j 06:44	3°♋25'49	-4°-6'-33
minimum elong	-2362 Jul 17 j 10:20	3°♋17'14	4°05'55
	-2362 Jul 21 j 05:38	30°℞♊	
morning rise	-2362 Jul 24 j 05:15	28°♊19'55	
direct	-2362 Jul 26 j 17:25	27°♊51'35	
	-2362 Aug 01 j 00:19	0°♋	
asc. node	-2362 Aug 02 j 01:45	0°♋54'57	
morning max el	-2362 Aug 02 j 10:51	1°♋16'47	17°55'27
morning set	-2362 Aug 18 j 16:11	26°♋37'22	
	-2362 Aug 20 j 13:27	0°♌	
superior conj	-2362 Aug 29 j 21:22	16°♌19'46	1°20'10
minimum elong	-2362 Aug 30 j 02:35	16°♌41'59	1°19'41
max. Earth dist.	-2362 Sep 05 j 22:14	28°♌02'57	1.43021 AU
	-2362 Sep 07 j 03:04	0°♍	
desc. node	-2362 Sep 12 j 09:06	8°♍22'26	
evening rise	-2362 Sep 13 j 19:17	10°♍36'16	
	-2362 Sep 26 j 14:28	0°♎	
greatest brilliancy	-2362 Oct 09 j 12:10	17°♎55'03	-0.4m
evening max el	-2362 Oct 14 j 13:40	23°♎45'15	21°27'56
retrograde	-2362 Oct 23 j 08:53	28°♎58'41	
evening set	-2362 Oct 27 j 11:53	27°♎23'57	
asc. node	-2362 Oct 29 j 00:51	25°♎59'49	
inferior conj	-2362 Nov 01 j 21:34	21°♎08'06	1°18'06
minimum elong	-2362 Nov 01 j 19:51	21°♎14'02	1°17'23
min. Earth dist.	-2362 Nov 02 j 04:18	20°♎44'55	0.67347 AU
morning rise	-2362 Nov 07 j 03:30	14°♎51'46	
direct	-2362 Nov 12 j 03:42	12°♎44'47	
morning max el	-2362 Nov 22 j 11:55	18°♎54'40	23°22'27
greatest brilliancy	-2362 Nov 27 j 23:50	25°♎07'14	-0.2m
	-2362 Dec 01 j 19:34	0°♏	
desc. node	-2362 Dec 09 j 08:33	10°♏27'46	
	-2362 Dec 22 j 03:47	0°♐	
morning set	-2362 Dec 27 j 09:58	8°♐38'09	
max. Earth dist.	-2362 Dec 31 j 17:28	16°♐00'45	1.39330 AU
superior conj	-2361 Jan 08 j 07:31	29°♐40'29	-1°-55'-22

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2361 Jan 08 j 09:17	29°♐48'42	1°55'23
	-2361 Jan 08 j 11:43	0°♑	
evening rise	-2361 Jan 17 j 15:57	17°♑31'39	
	-2361 Jan 24 j 07:38	0°♒	
asc. node	-2361 Jan 25 j 00:06	1°♒12'18	
evening max el	-2361 Feb 02 j 22:49	13°♒43'42	18°37'10
retrograde	-2361 Feb 10 j 17:52	17°♒31'18	
evening set	-2361 Feb 13 j 04:06	17°♒10'33	
inferior conj	-2361 Feb 20 j 18:24	12°♒43'19	3°23'42
minimum elong	-2361 Feb 20 j 22:15	12°♒35'52	3°22'58
min. Earth dist.	-2361 Feb 24 j 03:29	10°♒08'30	0.58206 AU
morning rise	-2361 Feb 28 j 12:39	7°♒25'22	
direct	-2361 Mar 06 j 10:11	5°♒58'19	
desc. node	-2361 Mar 07 j 07:40	6°♒00'20	
morning max el	-2361 Mar 20 j 17:17	13°♒30'08	26°25'00
	-2361 Apr 02 j 18:34	0°♓	
morning set	-2361 Apr 18 j 16:29	29°♓01'38	
	-2361 Apr 19 j 03:36	0°♈	
asc. node	-2361 Apr 22 j 23:30	8°♈13'05	
superior conj	-2361 Apr 25 j 17:58	14°♈16'30	0°28'47
minimum elong	-2361 Apr 25 j 16:43	14°♈09'41	0°28'32
max. Earth dist.	-2361 Apr 26 j 00:36	14°♈52'53	1.32564 AU
evening rise	-2361 May 02 j 19:04	29°♈26'24	
	-2361 May 03 j 01:31	0°♉	
	-2361 May 19 j 17:49	0°♊	
evening max el	-2361 Jun 01 j 22:06	16°♊23'23	26°45'47
desc. node	-2361 Jun 03 j 06:44	17°♊38'23	
retrograde	-2361 Jun 15 j 22:06	23°♊41'12	
evening set	-2361 Jun 22 j 15:35	21°♊43'18	
min. Earth dist.	-2361 Jun 26 j 11:33	19°♊03'21	0.60442 AU
inferior conj	-2361 Jun 29 j 19:12	16°♊18'09	-4°-27'-42
minimum elong	-2361 Jun 29 j 20:40	16°♊15'05	4°27'34
morning rise	-2361 Jul 07 j 04:54	11°♊34'16	
direct	-2361 Jul 09 j 16:20	11°♊10'41	
morning max el	-2361 Jul 16 j 22:52	14°♊43'34	18°09'31
asc. node	-2361 Jul 19 j 22:48	18°♊06'48	
	-2361 Jul 27 j 11:41	0°♋	
morning set	-2361 Aug 01 j 21:05	9°♋55'49	
superior conj	-2361 Aug 11 j 16:15	28°♋01'38	1°40'17
minimum elong	-2361 Aug 11 j 19:22	28°♋15'41	1°40'08
	-2361 Aug 12 j 18:44	0°♌	
max. Earth dist.	-2361 Aug 19 j 06:32	11°♌15'03	1.41301 AU
evening rise	-2361 Aug 24 j 15:21	20°♌07'20	
desc. node	-2361 Aug 30 j 06:07	29°♌01'39	
	-2361 Aug 30 j 21:10	0°♍	
	-2361 Sep 20 j 23:06	0°♎	
greatest brilliancy	-2361 Sep 22 j 08:26	1°♎42'44	-0.3m
evening max el	-2361 Sep 27 j 06:10	7°♎12'27	22°45'46
retrograde	-2361 Oct 07 j 03:25	13°♎04'28	
evening set	-2361 Oct 11 j 19:32	11°♎10'55	
asc. node	-2361 Oct 15 j 21:56	6°♎34'10	
inferior conj	-2361 Oct 17 j 04:21	4°♎50'07	0°26'08
minimum elong	-2361 Oct 17 j 03:44	4°♎52'13	0°25'52
min. Earth dist.	-2361 Oct 17 j 00:37	5°♎03'00	0.67520 AU
	-2361 Oct 20 j 23:55	30°℞♍	
morning rise	-2361 Oct 22 j 11:53	28°♍35'58	
direct	-2361 Oct 26 j 21:14	26°♍51'18	
	-2361 Nov 02 j 14:23	0°♎	
morning max el	-2361 Nov 05 j 00:53	2°♎16'05	21°57'02
greatest brilliancy	-2361 Nov 09 j 20:20	7°♎43'35	-0.4m
	-2361 Nov 25 j 19:57	0°♏	
desc. node	-2361 Nov 26 j 05:35	0°♏36'04	
morning set	-2361 Dec 07 j 10:28	17°♏56'42	
max. Earth dist.	-2361 Dec 13 j 16:47	28°♏10'30	1.41384 AU
	-2361 Dec 14 j 18:56	0°♐	
superior conj	-2361 Dec 21 j 09:00	11°♐20'09	-1°-57'-1
minimum elong	-2361 Dec 21 j 07:36	11°♐14'01	1°57'04
evening rise	-2361 Dec 31 j 22:48	0°♑33'19	
	-2361 Dec 31 j 15:36	0°♑	
asc. node	-2360 Jan 11 j 21:09	19°♑42'20	
evening max el	-2360 Jan 17 j 06:38	26°♑34'24	18°12'58
	-2360 Jan 23 j 04:21	0°♒	
retrograde	-2360 Jan 24 j 05:57	0°♒04'58	
	-2360 Jan 25 j 07:46	30°℞♑	
evening set	-2360 Jan 26 j 19:32	29°♑37'13	
inferior conj	-2360 Feb 02 j 18:46	24°♑48'08	3°53'38
minimum elong	-2360 Feb 02 j 20:07	24°♑45'06	3°53'31
min. Earth dist.	-2360 Feb 06 j 01:50	21°♑52'28	0.60229 AU
morning rise	-2360 Feb 09 j 17:43	19°♑09'04	
direct	-2360 Feb 16 j 10:20	17°♑04'07	
desc. node	-2360 Feb 22 j 04:45	18°♑29'29	
morning max el	-2360 Mar 01 j 15:32	24°♑46'38	27°22'30
	-2360 Mar 06 j 10:49	0°♒	
	-2360 Mar 26 j 00:08	0°♓	
morning set	-2360 Apr 02 j 01:00	13°♓50'16	
max. Earth dist.	-2360 Apr 08 j 13:50	27°♓49'13	1.32493 AU
asc. node	-2360 Apr 08 j 20:33	28°♓25'56	
superior conj	-2360 Apr 09 j 05:36	29°♓15'27	0°03'59
minimum elong	-2360 Apr 09 j 05:25	29°♓14'28	0°03'57
behind sun begin	-2360 Apr 09 j 00:32	28°♓47'44	
behind sun end	-2360 Apr 09 j 10:18	29°♓41'12	
	-2360 Apr 09 j 13:44	0°♈	
evening rise	-2360 Apr 16 j 05:05	14°♈21'40	
	-2360 Apr 24 j 02:58	0°♉	
evening max el	-2360 May 13 j 19:03	27°♉48'23	25°40'38
	-2360 May 16 j 06:14	0°♊	
desc. node	-2360 May 20 j 03:47	2°♊43'56	
retrograde	-2360 May 27 j 20:40	5°♊01'29	
evening set	-2360 Jun 02 j 15:39	3°♊41'34	
min. Earth dist.	-2360 Jun 07 j 07:16	0°♊58'27	0.58402 AU
	-2360 Jun 08 j 16:19	30°℞♉	
inferior conj	-2360 Jun 10 j 14:03	28°♉36'57	-4°-24'-4
minimum elong	-2360 Jun 10 j 11:49	28°♉40'59	4°23'53
morning rise	-2360 Jun 18 j 11:53	24°♉15'41	
direct	-2360 Jun 20 j 23:44	23°♉55'47	
morning max el	-2360 Jun 29 j 05:11	27°♉48'33	18°43'36
	-2360 Jul 01 j 07:11	0°♊	
asc. node	-2360 Jul 05 j 19:53	6°♊12'32	
morning set	-2360 Jul 15 j 13:48	23°♊50'26	
	-2360 Jul 18 j 17:35	0°♋	
superior conj	-2360 Jul 24 j 08:30	10°♋48'43	1°48'09
minimum elong	-2360 Jul 24 j 09:11	10°♋51'55	1°48'12
max. Earth dist.	-2360 Jul 31 j 09:44	23°♋42'37	1.39343 AU
	-2360 Aug 04 j 00:35	0°♌	
evening rise	-2360 Aug 04 j 12:07	0°♌49'08	
desc. node	-2360 Aug 16 j 03:08	19°♌31'55	
	-2360 Aug 23 j 05:37	0°♍	
evening max el	-2360 Sep 08 j 18:37	20°♍41'38	24°06'13
retrograde	-2360 Sep 19 j 18:40	27°♍09'55	
evening set	-2360 Sep 25 j 01:16	24°♍57'17	
inferior conj	-2360 Sep 30 j 10:42	18°♍35'09	0°-27'-47
minimum elong	-2360 Sep 30 j 11:22	18°♍32'54	0°27'30
min. Earth dist.	-2360 Sep 29 j 20:39	19°♍22'43	0.67385 AU
asc. node	-2360 Oct 01 j 19:01	16°♍47'14	
morning rise	-2360 Oct 05 j 21:42	12°♍25'57	
direct	-2360 Oct 09 j 17:43	11°♍02'14	
morning max el	-2360 Oct 17 j 20:27	15°♍46'17	20°39'33
greatest brilliancy	-2360 Oct 23 j 23:13	23°♍02'08	-0.5m
	-2360 Oct 29 j 00:35	0°♎	
desc. node	-2360 Nov 12 j 02:37	21°♎00'02	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning set	-2360 Nov 15 j 12:07	26°♎14'47	
	-2360 Nov 17 j 21:50	0°♏	
max. Earth dist.	-2360 Nov 24 j 23:07	11°♏13'16	1.43134 AU
superior conj	-2360 Dec 01 j 09:37	21°♏47'48	-1°-44'-10
minimum elong	-2360 Dec 01 j 04:02	21°♏24'31	1°43'50
	-2360 Dec 06 j 05:51	0°♐	
evening rise	-2360 Dec 13 j 14:28	12°♐50'15	
	-2360 Dec 23 j 13:30	0°♑	
asc. node	-2360 Dec 28 j 18:12	7°♑28'39	
evening max el	-2360 Dec 30 j 18:14	9°♑42'56	18°08'29
retrograde	-2359 Jan 06 j 08:10	13°♑10'06	
evening set	-2359 Jan 09 j 01:09	12°♑34'22	
inferior conj	-2359 Jan 15 j 12:24	7°♑24'00	3°56'34
minimum elong	-2359 Jan 15 j 11:26	7°♑26'28	3°56'28
min. Earth dist.	-2359 Jan 18 j 08:29	4°♑31'05	0.62226 AU
morning rise	-2359 Jan 21 j 19:34	1°♑30'45	
	-2359 Jan 24 j 07:35	30°℞♐	
direct	-2359 Jan 28 j 20:08	28°♐56'11	
	-2359 Feb 02 j 14:59	0°♑	
desc. node	-2359 Feb 08 j 01:49	3°♑22'54	
morning max el	-2359 Feb 11 j 19:53	6°♑43'58	27°44'30
	-2359 Mar 01 j 13:05	0°♒	
morning set	-2359 Mar 17 j 04:41	28°♒21'27	
	-2359 Mar 17 j 23:59	0°♓	
max. Earth dist.	-2359 Mar 22 j 23:55	10°♓31'29	1.32785 AU
superior conj	-2359 Mar 24 j 15:41	14°♓06'16	0°-21'-43
minimum elong	-2359 Mar 24 j 16:41	14°♓11'41	0°21'32
asc. node	-2359 Mar 26 j 17:34	18°♓37'18	
evening rise	-2359 Mar 31 j 16:40	29°♓17'58	
	-2359 Apr 01 j 00:40	0°♈	
	-2359 Apr 18 j 01:01	0°♉	
evening max el	-2359 Apr 25 j 10:58	8°♉38'28	24°13'55
desc. node	-2359 May 07 j 00:51	15°♉25'26	
retrograde	-2359 May 09 j 08:03	15°♉37'34	
evening set	-2359 May 13 j 18:36	14°♉53'30	
min. Earth dist.	-2359 May 19 j 22:33	11°♉51'31	0.56612 AU
inferior conj	-2359 May 22 j 12:47	10°♉13'47	-3°-44'-27
minimum elong	-2359 May 22 j 06:57	10°♉22'59	3°43'16
morning rise	-2359 May 30 j 23:18	6°♉10'47	
direct	-2359 Jun 02 j 12:05	5°♉53'38	
morning max el	-2359 Jun 12 j 02:55	10°♉21'09	19°38'19
asc. node	-2359 Jun 22 j 16:56	24°♉58'50	
	-2359 Jun 25 j 10:32	0°♊	
morning set	-2359 Jun 29 j 14:48	8°♊11'25	
superior conj	-2359 Jul 07 j 16:25	24°♊23'58	1°46'23
minimum elong	-2359 Jul 07 j 15:14	24°♊18'07	1°46'24
	-2359 Jul 10 j 13:19	0°♋	
max. Earth dist.	-2359 Jul 13 j 12:14	5°♋36'20	1.37408 AU
evening rise	-2359 Jul 17 j 09:44	12°♋43'42	
	-2359 Jul 27 j 15:09	0°♌	
desc. node	-2359 Aug 03 j 00:07	9°♌47'39	
	-2359 Aug 18 j 05:59	0°♍	
evening max el	-2359 Aug 22 j 05:36	4°♍13'59	25°22'17
retrograde	-2359 Sep 03 j 05:42	11°♍10'20	
evening set	-2359 Sep 09 j 03:15	8°♍40'34	
min. Earth dist.	-2359 Sep 13 j 13:59	3°♍41'55	0.66933 AU
inferior conj	-2359 Sep 14 j 14:52	2°♍21'00	-1°-22'-5
minimum elong	-2359 Sep 14 j 16:51	2°♍14'33	1°21'16
	-2359 Sep 16 j 11:23	30°℞♌	
asc. node	-2359 Sep 18 j 16:05	27°♌37'12	
morning rise	-2359 Sep 20 j 07:00	26°♌19'45	
direct	-2359 Sep 23 j 15:51	25°♌14'01	
morning max el	-2359 Sep 30 j 23:24	29°♌25'17	19°34'38
	-2359 Oct 01 j 12:44	0°♍	
greatest brilliancy	-2359 Oct 09 j 16:29	10°♍32'56	-0.7m
	-2359 Oct 22 j 12:52	0°♎	
morning set	-2359 Oct 25 j 11:41	4°♎34'31	
desc. node	-2359 Oct 29 j 23:38	11°♎34'45	
max. Earth dist.	-2359 Nov 07 j 12:04	24°♎58'14	1.44350 AU
	-2359 Nov 10 j 15:52	0°♏	
superior conj	-2359 Nov 11 j 07:03	1°♏00'46	-1°-13'-55
minimum elong	-2359 Nov 10 j 23:31	0°♏30'36	1°13'09
evening rise	-2359 Nov 25 j 10:25	24°♏13'31	
	-2359 Nov 28 j 20:54	0°♐	
evening max el	-2359 Dec 14 j 06:51	23°♐02'46	18°22'57
asc. node	-2359 Dec 15 j 15:15	24°♐18'37	
retrograde	-2359 Dec 20 j 20:07	26°♐37'47	
evening set	-2359 Dec 23 j 17:21	25°♐52'45	
inferior conj	-2359 Dec 29 j 19:22	20°♐22'54	3°40'23
minimum elong	-2359 Dec 29 j 16:57	20°♐29'47	3°39'57
min. Earth dist.	-2358 Jan 01 j 00:48	17°♐51'27	0.63982 AU
morning rise	-2358 Jan 04 j 15:04	14°♐20'05	
direct	-2358 Jan 11 j 13:47	11°♐30'36	
morning max el	-2358 Jan 25 j 04:09	19°♐16'47	27°30'20
desc. node	-2358 Jan 25 j 22:53	20°♐04'06	
	-2358 Feb 03 j 08:20	0°♑	
	-2358 Feb 22 j 11:10	0°♒	
morning set	-2358 Mar 01 j 00:58	12°♒26'32	
max. Earth dist.	-2358 Mar 06 j 02:56	22°♒46'48	1.33479 AU
superior conj	-2358 Mar 08 j 22:28	28°♒43'07	0°-47'-21
minimum elong	-2358 Mar 09 j 00:37	28°♒54'33	0°46'58
	-2358 Mar 09 j 12:53	0°♓	
asc. node	-2358 Mar 13 j 14:36	8°♓43'15	
evening rise	-2358 Mar 16 j 04:05	14°♓09'08	
	-2358 Mar 24 j 05:52	0°♈	
evening max el	-2358 Apr 07 j 03:25	19°♈18'22	22°39'17
retrograde	-2358 Apr 20 j 06:24	25°♈45'10	
evening set	-2358 Apr 23 j 09:52	25°♈23'31	
desc. node	-2358 Apr 23 j 21:53	25°♈16'15	
min. Earth dist.	-2358 May 01 j 12:23	21°♈51'06	0.55427 AU
inferior conj	-2358 May 02 j 17:12	21°♈09'53	-2°-22'-23
minimum elong	-2358 May 02 j 11:19	21°♈18'19	2°20'34
morning rise	-2358 May 11 j 15:07	17°♈14'11	
direct	-2358 May 14 j 07:21	16°♈57'30	
morning max el	-2358 May 25 j 13:56	22°♈13'06	20°53'03
	-2358 Jun 01 j 03:52	0°♉	
asc. node	-2358 Jun 09 j 13:59	14°♉15'47	
morning set	-2358 Jun 13 j 21:28	22°♉51'51	
	-2358 Jun 17 j 08:10	0°♊	
superior conj	-2358 Jun 21 j 11:28	8°♊34'13	1°37'19
minimum elong	-2358 Jun 21 j 09:13	8°♊22'40	1°37'11
max. Earth dist.	-2358 Jun 25 j 20:45	17°♊24'19	1.35708 AU
evening rise	-2358 Jun 30 j 03:42	25°♊39'29	
	-2358 Jul 02 j 12:05	0°♋	
desc. node	-2358 Jul 20 j 21:07	29°♋42'16	
	-2358 Jul 21 j 02:08	0°♌	
evening max el	-2358 Aug 04 j 16:57	17°♌47'07	26°25'52
retrograde	-2358 Aug 17 j 11:46	25°♌00'13	
evening set	-2358 Aug 23 j 23:24	22°♌18'10	
min. Earth dist.	-2358 Aug 28 j 02:09	17°♌57'29	0.66146 AU
inferior conj	-2358 Aug 29 j 14:58	16°♌04'56	-2°-15'-1
minimum elong	-2358 Aug 29 j 18:09	15°♌55'12	2°13'50
morning rise	-2358 Sep 04 j 13:50	10°♌14'56	
asc. node	-2358 Sep 05 j 13:10	9°♌47'09	
direct	-2358 Sep 07 j 13:53	9°♌23'40	
morning max el	-2358 Sep 14 j 08:41	13°♌10'49	18°44'50
	-2358 Sep 26 j 12:29	0°♍	
morning set	-2358 Oct 05 j 07:12	13°♍56'51	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2358 Oct 15 j 10:07	0°♎	
desc. node	-2358 Oct 16 j 20:36	2°♎15'57	
superior conj	-2358 Oct 21 j 09:06	9°♎23'10	0°-28'-47
minimum elong	-2358 Oct 21 j 05:19	9°♎08'17	0°28'19
max. Earth dist.	-2358 Oct 21 j 05:24	9°♎08'39	1.44893 AU
	-2358 Nov 03 j 09:43	0°♏	
evening rise	-2358 Nov 06 j 06:39	4°♏35'29	
	-2358 Nov 22 j 13:04	0°♐	
evening max el	-2358 Nov 27 j 17:50	6°♐27'34	18°55'16
asc. node	-2358 Dec 02 j 12:19	9°♐56'33	
retrograde	-2358 Dec 04 j 14:00	10°♐20'17	
evening set	-2358 Dec 07 j 16:59	9°♐24'09	
inferior conj	-2358 Dec 13 j 12:03	3°♐37'11	3°10'52
minimum elong	-2358 Dec 13 j 09:04	3°♐46'25	3°10'04
min. Earth dist.	-2358 Dec 15 j 02:33	1°♐38'18	0.65390 AU
	-2358 Dec 16 j 11:52	30°℞♏	
morning rise	-2358 Dec 19 j 00:09	27°♏27'37	
direct	-2358 Dec 25 j 13:45	24°♏38'14	
	-2357 Jan 05 j 05:20	0°♐	
morning max el	-2357 Jan 07 j 13:39	2°♐12'56	26°44'45
desc. node	-2357 Jan 12 j 19:56	8°♐01'18	
	-2357 Jan 28 j 12:50	0°♑	
morning set	-2357 Feb 12 j 10:22	25°♑53'46	
	-2357 Feb 14 j 13:26	0°♒	
max. Earth dist.	-2357 Feb 16 j 19:31	4°♒27'13	1.34611 AU
superior conj	-2357 Feb 20 j 23:46	12°♒58'15	-1°-11'-42
minimum elong	-2357 Feb 21 j 02:50	13°♒14'08	1°11'15
asc. node	-2357 Feb 28 j 11:37	28°♒38'47	
evening rise	-2357 Feb 28 j 13:28	28°♒48'20	
	-2357 Mar 01 j 03:21	0°♓	
	-2357 Mar 19 j 20:29	0°♈	
evening max el	-2357 Mar 20 j 02:34	0°♈14'44	21°10'11
retrograde	-2357 Mar 31 j 19:57	5°♈53'06	
evening set	-2357 Apr 03 j 05:35	5°♈39'46	
desc. node	-2357 Apr 10 j 18:56	2°♈38'45	
inferior conj	-2357 Apr 12 j 12:09	1°♈41'11	0°-28'-59
minimum elong	-2357 Apr 12 j 10:47	1°♈43'06	0°28'30
min. Earth dist.	-2357 Apr 13 j 01:56	1°♈21'42	0.55106 AU
	-2357 Apr 15 j 13:28	30°℞♓	
morning rise	-2357 Apr 21 j 15:31	27°♓36'10	
direct	-2357 Apr 24 j 18:53	27°♓14'43	
	-2357 May 03 j 07:38	0°♈	
morning max el	-2357 May 07 j 14:12	3°♈23'00	22°24'27
	-2357 May 25 j 11:56	0°♉	
asc. node	-2357 May 27 j 11:01	3°♉55'21	
morning set	-2357 May 29 j 07:43	7°♉45'23	
superior conj	-2357 Jun 05 j 14:12	23°♉09'03	1°22'45
minimum elong	-2357 Jun 05 j 11:35	22°♉55'17	1°22'28
max. Earth dist.	-2357 Jun 08 j 14:59	29°♉29'30	1.34349 AU
	-2357 Jun 08 j 20:54	0°♊	
evening rise	-2357 Jun 13 j 12:48	9°♊21'47	
	-2357 Jun 24 j 23:18	0°♋	
desc. node	-2357 Jul 07 j 18:06	19°♋06'47	
	-2357 Jul 16 j 23:15	0°♌	
evening max el	-2357 Jul 18 j 04:40	1°♌12'44	27°09'08
retrograde	-2357 Jul 31 j 12:25	8°♌33'04	
evening set	-2357 Aug 07 j 11:15	5°♌46'52	
min. Earth dist.	-2357 Aug 11 j 06:49	2°♌04'16	0.64992 AU
inferior conj	-2357 Aug 13 j 08:52	29°♋43'25	-3°-4'-19
minimum elong	-2357 Aug 13 j 12:52	29°♋32'06	3°03'05
	-2357 Aug 13 j 03:00	30°℞♋	
morning rise	-2357 Aug 19 j 15:56	24°♋08'09	
direct	-2357 Aug 22 j 09:35	23°♋28'00	
asc. node	-2357 Aug 23 j 10:14	23°♋33'41	

morning max el	-2357 Aug 28 j 22:18	26°♋59'40	18°11'42
	-2357 Aug 31 j 13:19	0°♌	
morning set	-2357 Sep 16 j 06:48	24°♌41'58	
	-2357 Sep 19 j 11:32	0°♍	
superior conj	-2357 Sep 30 j 12:28	17°♍54'52	0°20'38
minimum elong	-2357 Sep 30 j 15:00	18°♍04'55	0°20'19
desc. node	-2357 Oct 03 j 17:35	23°♍01'00	
max. Earth dist.	-2357 Oct 04 j 00:09	23°♍26'57	1.44703 AU
	-2357 Oct 08 j 04:01	0°♎	
evening rise	-2357 Oct 17 j 03:23	13°♎59'41	
	-2357 Oct 27 j 12:23	0°♏	
greatest brilliancy	-2357 Nov 03 j 02:13	9°♏46'50	-0.6m
evening max el	-2357 Nov 11 j 00:56	19°♏54'18	19°43'52
retrograde	-2357 Nov 18 j 10:50	24°♏13'19	
asc. node	-2357 Nov 19 j 09:22	24°♏08'15	
evening set	-2357 Nov 21 j 21:29	23°♏03'59	
inferior conj	-2357 Nov 27 j 11:34	17°♏02'54	2°31'58
minimum elong	-2357 Nov 27 j 08:42	17°♏12'19	2°31'01
min. Earth dist.	-2357 Nov 28 j 12:29	15°♏41'06	0.66424 AU
morning rise	-2357 Dec 02 j 19:15	10°♏48'44	
direct	-2357 Dec 08 j 19:24	8°♏11'00	
morning max el	-2357 Dec 20 j 22:46	15°♏22'10	25°35'37
desc. node	-2357 Dec 30 j 16:59	26°♏52'25	
	-2356 Jan 02 j 00:49	0°♐	
	-2356 Jan 21 j 09:21	0°♑	
morning set	-2356 Jan 26 j 04:19	8°♑29'44	
max. Earth dist.	-2356 Jan 30 j 00:37	15°♑38'52	1.36186 AU
superior conj	-2356 Feb 04 j 16:55	26°♑43'48	-1°-33'-10
minimum elong	-2356 Feb 04 j 20:21	27°♑00'58	1°32'49
	-2356 Feb 06 j 07:56	0°♒	
evening rise	-2356 Feb 12 j 18:50	13°♒09'17	
asc. node	-2356 Feb 15 j 08:39	18°♒19'04	
	-2356 Feb 21 j 16:44	0°♓	
evening max el	-2356 Mar 01 j 12:07	11°♓44'37	19°55'45
retrograde	-2356 Mar 11 j 12:52	16°♓31'34	
evening set	-2356 Mar 13 j 18:17	16°♓18'29	
inferior conj	-2356 Mar 22 j 11:55	12°♓17'25	1°24'56
minimum elong	-2356 Mar 22 j 15:24	12°♓12'05	1°23'46
min. Earth dist.	-2356 Mar 24 j 16:01	10°♓57'48	0.55724 AU
desc. node	-2356 Mar 27 j 16:03	9°♓17'03	
morning rise	-2356 Mar 31 j 09:32	7°♓46'19	
direct	-2356 Apr 04 j 10:59	7°♓09'59	
morning max el	-2356 Apr 18 j 07:02	14°♓03'06	24°04'10
	-2356 Apr 30 j 16:20	0°♈	
morning set	-2356 May 12 j 19:39	22°♈45'39	
asc. node	-2356 May 13 j 08:02	23°♈50'51	
	-2356 May 16 j 05:09	0°♉	
superior conj	-2356 May 19 j 21:55	7°♉59'38	1°04'06
minimum elong	-2356 May 19 j 19:32	7°♉46'43	1°03'43
max. Earth dist.	-2356 May 21 j 18:26	11°♉58'36	1.33367 AU
evening rise	-2356 May 27 j 08:43	23°♉37'13	
	-2356 May 30 j 14:23	0°♊	
	-2356 Jun 17 j 15:22	0°♋	
desc. node	-2356 Jun 23 j 15:09	7°♋47'52	
evening max el	-2356 Jun 29 j 14:58	14°♋17'28	27°25'16
retrograde	-2356 Jul 13 j 07:16	21°♋39'25	
evening set	-2356 Jul 20 j 11:32	19°♋00'48	
min. Earth dist.	-2356 Jul 24 j 02:05	15°♋51'53	0.63461 AU
inferior conj	-2356 Jul 26 j 17:53	13°♋10'00	-3°-46'-54
minimum elong	-2356 Jul 26 j 21:59	12°♋59'34	3°45'57
morning rise	-2356 Aug 02 j 10:28	7°♋52'49	
direct	-2356 Aug 05 j 00:00	7°♋20'54	
asc. node	-2356 Aug 09 j 07:18	8°♋51'15	
morning max el	-2356 Aug 11 j 13:34	10°♋45'43	17°56'09

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2356 Aug 24 j 11:56	0°♌	
morning set	-2356 Aug 28 j 07:31	6°♌38'46	
superior conj	-2356 Sep 09 j 12:59	27°♌31'00	1°02'16
minimum elong	-2356 Sep 09 j 18:25	27°♌53'30	1°01'40
	-2356 Sep 11 j 01:07	0°♍	
max. Earth dist.	-2356 Sep 15 j 16:24	7°♍31'38	1.43808 AU
desc. node	-2356 Sep 19 j 14:35	13°♍46'25	
evening rise	-2356 Sep 25 j 09:33	22°♍48'56	
	-2356 Sep 30 j 01:58	0°♎	
greatest brilliancy	-2356 Oct 18 j 07:13	26°♎26'47	-0.5m
	-2356 Oct 21 j 02:54	0°♏	
evening max el	-2356 Oct 24 j 02:31	3°♏20'46	20°46'38
retrograde	-2356 Nov 01 j 08:16	8°♏13'22	
evening set	-2356 Nov 05 j 04:39	6°♏48'30	
asc. node	-2356 Nov 05 j 06:26	6°♏45'10	
inferior conj	-2356 Nov 10 j 15:28	0°♏36'47	1°46'28
minimum elong	-2356 Nov 10 j 13:13	0°♏44'26	1°45'36
min. Earth dist.	-2356 Nov 11 j 04:26	29°♎52'34	0.67102 AU
	-2356 Nov 11 j 02:15	30°℞♎	
morning rise	-2356 Nov 15 j 21:22	24°♎20'22	
direct	-2356 Nov 21 j 06:17	22°♎01'14	
morning max el	-2356 Dec 02 j 07:27	28°♎36'39	24°12'35
	-2356 Dec 03 j 15:31	0°♏	
desc. node	-2356 Dec 16 j 14:02	16°♏21'41	
	-2356 Dec 25 j 19:39	0°♐	
morning set	-2355 Jan 07 j 00:56	19°♐58'35	
max. Earth dist.	-2355 Jan 10 j 21:21	26°♐45'50	1.38118 AU
	-2355 Jan 12 j 16:15	0°♑	
superior conj	-2355 Jan 17 j 22:26	9°♑50'12	-1°-49'-28
minimum elong	-2355 Jan 18 j 01:14	10°♑03'35	1°49'22
evening rise	-2355 Jan 26 j 17:51	27°♑05'20	
	-2355 Jan 28 j 05:27	0°♒	
asc. node	-2355 Feb 01 j 05:42	7°♒38'17	
evening max el	-2355 Feb 12 j 08:11	23°♒51'21	19°00'12
retrograde	-2355 Feb 20 j 20:15	27°♒56'27	
evening set	-2355 Feb 23 j 04:05	27°♒39'22	
inferior conj	-2355 Mar 03 j 04:15	23°♒23'45	2°50'58
minimum elong	-2355 Mar 03 j 08:56	23°♒15'28	2°49'48
min. Earth dist.	-2355 Mar 06 j 07:51	21°♒11'20	0.57134 AU
morning rise	-2355 Mar 11 j 09:48	18°♒21'04	
desc. node	-2355 Mar 14 j 13:08	17°♒26'18	
direct	-2355 Mar 16 j 15:48	17°♒15'34	
morning max el	-2355 Mar 30 j 22:11	24°♒38'18	25°38'51
	-2355 Apr 04 j 20:22	0°♓	
	-2355 Apr 23 j 12:16	0°♈	
morning set	-2355 Apr 27 j 07:38	7°♈46'52	
asc. node	-2355 Apr 30 j 05:05	13°♈57'09	
superior conj	-2355 May 04 j 08:36	22°♈59'07	0°42'23
minimum elong	-2355 May 04 j 06:51	22°♈49'31	0°42'02
max. Earth dist.	-2355 May 05 j 04:26	24°♈47'12	1.32752 AU
	-2355 May 07 j 14:11	0°♉	
evening rise	-2355 May 11 j 12:08	8°♉15'30	
	-2355 May 23 j 00:50	0°♊	
desc. node	-2355 Jun 10 j 12:12	25°♊27'05	
evening max el	-2355 Jun 11 j 21:33	26°♊49'24	27°09'37
	-2355 Jun 15 j 14:21	0°♋	
retrograde	-2355 Jun 25 j 19:39	4°♋09'57	
evening set	-2355 Jul 02 j 20:18	1°♋53'14	
	-2355 Jul 05 j 10:12	30°℞♊	
min. Earth dist.	-2355 Jul 06 j 11:21	29°♊07'11	0.61607 AU
inferior conj	-2355 Jul 09 j 14:53	26°♊17'34	-4°-17'-54
minimum elong	-2355 Jul 09 j 17:48	26°♊11'00	4°17'30
morning rise	-2355 Jul 16 j 18:06	21°♊21'08	
direct	-2355 Jul 19 j 05:39	20°♊55'08	
morning max el	-2355 Jul 26 j 03:40	24°♊22'15	17°59'01
asc. node	-2355 Jul 27 j 04:22	25°♊26'05	
	-2355 Jul 30 j 17:59	0°♋	
morning set	-2355 Aug 11 j 03:39	19°♋31'23	
	-2355 Aug 16 j 22:01	0°♌	
superior conj	-2355 Aug 21 j 17:08	8°♌29'09	1°30'21
minimum elong	-2355 Aug 21 j 21:37	8°♌48'41	1°30'00
max. Earth dist.	-2355 Aug 29 j 03:18	21°♌04'24	1.42335 AU
	-2355 Sep 03 j 15:27	0°♍	
evening rise	-2355 Sep 04 j 19:24	1°♍50'54	
desc. node	-2355 Sep 06 j 11:35	4°♍28'57	
	-2355 Sep 23 j 14:28	0°♎	
greatest brilliancy	-2355 Oct 02 j 03:24	11°♎22'11	-0.4m
evening max el	-2355 Oct 06 j 22:05	16°♎47'15	22°00'20
retrograde	-2355 Oct 16 j 04:20	22°♎17'41	
evening set	-2355 Oct 20 j 12:37	20°♎35'13	
asc. node	-2355 Oct 23 j 03:30	17°♎55'38	
inferior conj	-2355 Oct 25 j 21:44	14°♎16'37	0°56'23
minimum elong	-2355 Oct 25 j 20:27	14°♎21'02	0°55'51
min. Earth dist.	-2355 Oct 25 j 23:58	14°♎08'53	0.67455 AU
morning rise	-2355 Oct 31 j 04:05	8°♎00'36	
direct	-2355 Nov 04 j 21:44	6°♎03'09	
morning max el	-2355 Nov 14 j 17:46	11°♎54'25	22°45'25
greatest brilliancy	-2355 Nov 19 j 11:11	17°♎12'37	-0.3m
	-2355 Nov 29 j 02:17	0°♏	
desc. node	-2355 Dec 03 j 11:04	6°♏18'04	
morning set	-2355 Dec 18 j 18:12	0°♐05'11	
	-2355 Dec 18 j 16:56	0°♐	
max. Earth dist.	-2355 Dec 23 j 17:06	8°♐23'03	1.40213 AU
superior conj	-2355 Dec 31 j 11:42	22°♐05'17	-1°-57'-35
minimum elong	-2355 Dec 31 j 12:21	22°♐08'11	1°57'40
	-2354 Jan 04 j 18:36	0°♑	
evening rise	-2354 Jan 10 j 07:34	10°♑28'40	
asc. node	-2354 Jan 19 j 02:45	26°♑28'43	
	-2354 Jan 21 j 08:19	0°♒	
evening max el	-2354 Jan 26 j 12:35	6°♒28'26	18°24'32
retrograde	-2354 Feb 02 j 21:57	10°♒06'53	
evening set	-2354 Feb 05 j 09:35	9°♒43'23	
inferior conj	-2354 Feb 12 j 17:08	5°♒07'22	3°40'14
minimum elong	-2354 Feb 12 j 20:00	5°♒01'28	3°39'49
min. Earth dist.	-2354 Feb 16 j 03:05	2°♒20'19	0.59044 AU
	-2354 Feb 19 j 12:11	30°℞♑	
morning rise	-2354 Feb 20 j 02:52	29°♑39'19	
direct	-2354 Feb 26 j 09:55	27°♑55'25	
desc. node	-2354 Mar 01 j 10:13	28°♑18'34	
	-2354 Mar 05 j 13:12	0°♒	
morning max el	-2354 Mar 12 j 16:47	5°♒33'28	26°53'27
	-2354 Mar 30 j 18:34	0°♓	
morning set	-2354 Apr 11 j 17:55	22°♓41'33	
	-2354 Apr 15 j 04:23	0°♈	
asc. node	-2354 Apr 17 j 02:08	4°♈08'41	
superior conj	-2354 Apr 18 j 20:21	7°♈59'48	0°18'27
minimum elong	-2354 Apr 18 j 19:32	7°♈55'20	0°18'17
max. Earth dist.	-2354 Apr 18 j 17:24	7°♈43'36	1.32486 AU
evening rise	-2354 Apr 25 j 20:20	23°♈06'36	
	-2354 Apr 29 j 05:13	0°♉	
	-2354 May 17 j 07:29	0°♊	
evening max el	-2354 May 24 j 22:25	8°♊39'42	26°21'28
desc. node	-2354 May 28 j 09:15	11°♊38'10	
retrograde	-2354 Jun 07 j 23:59	15°♊56'22	
evening set	-2354 Jun 14 j 09:09	14°♊14'18	
min. Earth dist.	-2354 Jun 18 j 11:33	11°♊34'51	0.59566 AU
inferior conj	-2354 Jun 21 j 20:17	8°♊57'01	-4°-29'-52
minimum elong	-2354 Jun 21 j 20:20	8°♊56'56	4°29'50

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning rise	-2354 Jun 29 j 11:02	4°♊22'44	
direct	-2354 Jul 01 j 22:23	4°♊00'56	
morning max el	-2354 Jul 09 j 13:38	7°♊41'05	18°21'25
asc. node	-2354 Jul 14 j 01:26	13°♊02'38	
	-2354 Jul 23 j 22:46	0°♋	
morning set	-2354 Jul 25 j 14:04	3°♋06'34	
superior conj	-2354 Aug 03 j 21:48	20°♋40'44	1°44'57
minimum elong	-2354 Aug 03 j 23:52	20°♋50'10	1°44'55
	-2354 Aug 09 j 02:25	0°♌	
max. Earth dist.	-2354 Aug 11 j 08:46	3°♌56'08	1.40486 AU
evening rise	-2354 Aug 16 j 01:27	11°♌50'48	
desc. node	-2354 Aug 24 j 08:35	25°♌05'03	
	-2354 Aug 27 j 14:02	0°♍	
	-2354 Sep 19 j 06:26	0°♎	
evening max el	-2354 Sep 19 j 12:40	0°♎15'44	23°20'09
retrograde	-2354 Sep 29 j 21:36	6°♎23'49	
evening set	-2354 Oct 04 j 19:38	4°♎22'22	
	-2354 Oct 08 j 17:26	30°℞♍	
inferior conj	-2354 Oct 10 j 04:33	28°♍00'39	0°03'26
minimum elong	-2354 Oct 10 j 04:28	28°♍00'56	0°03'24
transit middle	-2354 Oct 10 j 04:28	28°♍00'56	0°03'24
transit begin	-2354 Oct 10 j 01:49	28°♍10'01	
transit end	-2354 Oct 10 j 07:07	27°♍51'51	
min. Earth dist.	-2354 Oct 09 j 20:32	28°♍28'08	0.67499 AU
asc. node	-2354 Oct 10 j 00:34	28°♍14'19	
morning rise	-2354 Oct 15 j 13:19	21°♍48'02	
direct	-2354 Oct 19 j 16:50	20°♍12'21	
morning max el	-2354 Oct 28 j 09:10	25°♍19'04	21°22'41
	-2354 Nov 01 j 12:38	0°♎	
greatest brilliancy	-2354 Nov 02 j 14:58	1°♎21'57	-0.4m
desc. node	-2354 Nov 20 j 08:05	26°♎33'57	
	-2354 Nov 22 j 14:10	0°♏	
morning set	-2354 Nov 28 j 07:17	8°♏52'34	
max. Earth dist.	-2354 Dec 05 j 19:02	20°♏55'22	1.42181 AU
	-2354 Dec 11 j 05:23	0°♐	
superior conj	-2354 Dec 13 j 03:17	3°♐16'21	-1°-53'-35
minimum elong	-2354 Dec 13 j 00:07	3°♐02'44	1°53'31
evening rise	-2354 Dec 24 j 08:29	23°♐12'22	
	-2354 Dec 28 j 02:35	0°♑	
asc. node	-2353 Jan 05 j 23:48	14°♑41'41	
evening max el	-2353 Jan 09 j 22:28	19°♑28'11	18°08'44
retrograde	-2353 Jan 16 j 16:23	22°♑55'20	
evening set	-2353 Jan 19 j 07:30	22°♑24'12	
inferior conj	-2353 Jan 26 j 01:17	17°♑26'02	3°57'40
minimum elong	-2353 Jan 26 j 01:34	17°♑25'22	3°57'36
min. Earth dist.	-2353 Jan 29 j 04:30	14°♑28'53	0.61103 AU
morning rise	-2353 Feb 01 j 17:02	11°♑40'34	
direct	-2353 Feb 08 j 14:37	9°♑21'19	
desc. node	-2353 Feb 16 j 07:18	11°♑53'20	
morning max el	-2353 Feb 22 j 17:29	17°♑06'12	27°36'20
	-2353 Mar 05 j 10:49	0°♒	
	-2353 Mar 23 j 08:11	0°♓	
morning set	-2353 Mar 27 j 00:36	7°♓23'08	
max. Earth dist.	-2353 Apr 02 j 05:40	20°♓34'51	1.32573 AU
superior conj	-2353 Apr 03 j 07:31	22°♓55'42	0°-6'-52
minimum elong	-2353 Apr 03 j 07:50	22°♓57'25	0°06'49
behind sun begin	-2353 Apr 03 j 03:14	22°♓32'20	
behind sun end	-2353 Apr 03 j 12:26	23°♓22'31	
asc. node	-2353 Apr 03 j 23:10	24°♓21'12	
	-2353 Apr 06 j 13:15	0°♈	
evening rise	-2353 Apr 10 j 07:14	8°♈02'57	
	-2353 Apr 21 j 19:27	0°♉	
evening max el	-2353 May 06 j 16:59	19°♉48'14	25°05'42
desc. node	-2353 May 15 j 06:18	25°♉46'54	
retrograde	-2353 May 20 j 17:42	26°♉56'13	
evening set	-2353 May 25 j 23:35	25°♉52'51	
min. Earth dist.	-2353 May 31 j 05:00	23°♉03'15	0.57592 AU
inferior conj	-2353 Jun 03 j 06:41	20°♉58'38	-4°-12'-19
minimum elong	-2353 Jun 03 j 02:44	21°♉05'22	4°11'48
morning rise	-2353 Jun 11 j 09:50	16°♉45'35	
direct	-2353 Jun 13 j 22:06	16°♉26'54	
morning max el	-2353 Jun 22 j 16:28	20°♉32'44	19°04'18
	-2353 Jun 30 j 01:07	0°♊	
asc. node	-2353 Jun 30 j 22:30	1°♊26'55	
morning set	-2353 Jul 09 j 10:41	17°♊13'35	
	-2353 Jul 15 j 21:55	0°♋	
superior conj	-2353 Jul 17 j 21:19	3°♋49'51	1°48'25
minimum elong	-2353 Jul 17 j 21:06	3°♋48'52	1°48'29
max. Earth dist.	-2353 Jul 24 j 11:21	16°♋08'31	1.38509 AU
evening rise	-2353 Jul 28 j 09:11	23°♋04'36	
	-2353 Aug 01 j 10:52	0°♌	
desc. node	-2353 Aug 11 j 05:34	15°♌29'59	
	-2353 Aug 21 j 09:51	0°♍	
evening max el	-2353 Sep 02 j 00:21	13°♍46'59	24°39'37
retrograde	-2353 Sep 13 j 10:56	20°♍27'38	
evening set	-2353 Sep 18 j 23:58	18°♍07'27	
min. Earth dist.	-2353 Sep 23 j 15:39	12°♍47'57	0.67238 AU
inferior conj	-2353 Sep 24 j 10:09	11°♍46'15	0°-50'-52
minimum elong	-2353 Sep 24 j 11:23	11°♍42'09	0°50'21
asc. node	-2353 Sep 26 j 21:38	8°♍36'13	
morning rise	-2353 Sep 29 j 23:09	5°♍40'06	
direct	-2353 Oct 03 j 14:14	4°♍24'17	
morning max el	-2353 Oct 11 j 07:49	8°♍52'47	20°10'11
greatest brilliancy	-2353 Oct 18 j 07:41	17°♍25'08	-0.6m
	-2353 Oct 27 j 00:42	0°♎	
morning set	-2353 Nov 07 j 04:51	17°♎02'06	
desc. node	-2353 Nov 07 j 05:04	17°♎02'54	
	-2353 Nov 15 j 11:38	0°♏	
max. Earth dist.	-2353 Nov 18 j 04:51	4°♏19'42	1.43735 AU
superior conj	-2353 Nov 23 j 16:08	13°♏11'11	-1°-33'-29
minimum elong	-2353 Nov 23 j 09:11	12°♏42'42	1°32'56
	-2353 Dec 03 j 16:49	0°♐	
evening rise	-2353 Dec 06 j 16:15	5°♐07'12	
	-2353 Dec 22 j 02:05	0°♑	
asc. node	-2353 Dec 23 j 20:50	2°♑05'30	
evening max el	-2353 Dec 24 j 10:47	2°♑41'58	18°12'21
retrograde	-2353 Dec 30 j 23:18	6°♑11'03	
evening set	-2352 Jan 02 j 18:03	5°♑31'22	
inferior conj	-2352 Jan 09 j 01:01	0°♑12'10	3°51'39
minimum elong	-2352 Jan 08 j 23:19	0°♑16'43	3°51'25
	-2352 Jan 09 j 05:33	30°℞♐	
min. Earth dist.	-2352 Jan 11 j 14:56	27°♐26'55	0.63016 AU
morning rise	-2352 Jan 15 j 02:49	24°♐14'35	
direct	-2352 Jan 22 j 03:38	21°♐32'06	
desc. node	-2352 Feb 03 j 04:21	27°♐36'37	
morning max el	-2352 Feb 04 j 23:46	29°♐19'15	27°42'47
	-2352 Feb 05 j 16:00	0°♑	
	-2352 Feb 27 j 07:48	0°♒	
morning set	-2352 Mar 10 j 01:28	21°♒44'05	
	-2352 Mar 14 j 01:52	0°♓	
max. Earth dist.	-2352 Mar 15 j 13:23	3°♓07'46	1.33031 AU
superior conj	-2352 Mar 17 j 16:24	7°♓41'06	0°-32'-40
minimum elong	-2352 Mar 17 j 17:55	7°♓49'12	0°32'23
asc. node	-2352 Mar 20 j 20:12	14°♓30'46	
evening rise	-2352 Mar 24 j 18:58	22°♓57'57	
	-2352 Mar 28 j 04:59	0°♈	
	-2352 Apr 16 j 19:52	0°♉	
evening max el	-2352 Apr 17 j 08:17	0°♉30'21	23°33'45

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

retrograde	-2352 Apr 30 j 23:11	7°♉17'59	
desc. node	-2352 May 01 j 03:22	7°♉17'55	
evening set	-2352 May 04 j 19:52	6°♉45'11	
min. Earth dist.	-2352 May 11 j 19:02	3°♉32'00	0.56014 AU
inferior conj	-2352 May 13 j 21:01	2°♉17'15	-3°-14'-45
minimum elong	-2352 May 13 j 14:33	2°♉26'59	3°13'06
	-2352 May 17 j 22:44	30°℞♈	
morning rise	-2352 May 22 j 12:46	28°♈19'27	
direct	-2352 May 25 j 02:45	28°♈02'48	
	-2352 May 31 j 17:17	0°♉	
morning max el	-2352 Jun 04 j 09:46	2°♉48'53	20°07'53
asc. node	-2352 Jun 16 j 19:33	20°♉27'42	
	-2352 Jun 21 j 17:44	0°♊	
morning set	-2352 Jun 22 j 14:26	1°♊44'30	
superior conj	-2352 Jun 30 j 10:30	17°♊42'14	1°43'19
minimum elong	-2352 Jun 30 j 08:46	17°♊33'32	1°43'17
max. Earth dist.	-2352 Jul 05 j 16:06	27°♊58'33	1.36645 AU
	-2352 Jul 06 j 17:40	0°♋	
evening rise	-2352 Jul 09 j 16:08	5°♋27'23	
	-2352 Jul 24 j 07:52	0°♌	
desc. node	-2352 Jul 28 j 02:34	5°♌38'24	
evening max el	-2352 Aug 14 j 11:21	27°♌20'49	25°51'11
	-2352 Aug 17 j 09:37	0°♍	
retrograde	-2352 Aug 26 j 19:50	4°♍25'16	
evening set	-2352 Sep 01 j 23:45	1°♍49'14	
	-2352 Sep 03 j 20:33	30°℞♌	
min. Earth dist.	-2352 Sep 06 j 06:57	27°♌06'53	0.66650 AU
inferior conj	-2352 Sep 07 j 12:50	25°♌32'03	-1°-44'-49
minimum elong	-2352 Sep 07 j 15:21	25°♌24'04	1°43'49
asc. node	-2352 Sep 12 j 18:42	19°♌57'02	
morning rise	-2352 Sep 13 j 07:41	19°♌35'29	
direct	-2352 Sep 16 j 12:31	18°♌36'22	
morning max el	-2352 Sep 23 j 13:46	22°♌35'55	19°11'29
	-2352 Sep 29 j 13:50	0°♍	
morning set	-2352 Oct 16 j 10:57	25°♍43'53	
	-2352 Oct 19 j 04:22	0°♎	
desc. node	-2352 Oct 24 j 02:02	7°♎41'03	
max. Earth dist.	-2352 Oct 30 j 20:24	18°♎19'21	1.44676 AU
superior conj	-2352 Nov 02 j 03:26	21°♎56'58	0°-56'-5
minimum elong	-2352 Nov 01 j 20:47	21°♎30'37	0°55'20
	-2352 Nov 07 j 04:41	0°♏	
evening rise	-2352 Nov 17 j 02:29	16°♏05'23	
	-2352 Nov 25 j 14:04	0°♐	
evening max el	-2352 Dec 06 j 22:55	16°♐04'01	18°34'32
asc. node	-2352 Dec 09 j 17:52	18°♐26'41	
retrograde	-2352 Dec 13 j 14:20	19°♐45'47	
evening set	-2352 Dec 16 j 13:46	18°♐56'17	
inferior conj	-2352 Dec 22 j 12:32	13°♐18'31	3°29'12
minimum elong	-2352 Dec 22 j 09:46	13°♐26'40	3°28'36
min. Earth dist.	-2352 Dec 24 j 11:26	11°♐00'06	0.64625 AU
morning rise	-2352 Dec 28 j 04:33	7°♐12'17	
direct	-2351 Jan 03 j 23:53	4°♐21'27	
morning max el	-2351 Jan 17 j 09:07	12°♐04'25	27°14'25
desc. node	-2351 Jan 20 j 01:24	14°♐53'26	
	-2351 Jan 31 j 18:23	0°♑	
	-2351 Feb 18 j 19:34	0°♒	
morning set	-2351 Feb 21 j 17:36	5°♒34'41	
max. Earth dist.	-2351 Feb 26 j 12:30	15°♒09'41	1.33903 AU
superior conj	-2351 Mar 01 j 21:07	22°♒09'23	0°-57'-56
minimum elong	-2351 Mar 01 j 23:42	22°♒23'00	0°57'31
	-2351 Mar 05 j 13:48	0°♓	
asc. node	-2351 Mar 07 j 17:13	4°♓32'51	
evening rise	-2351 Mar 09 j 05:45	7°♓44'49	
	-2351 Mar 21 j 04:54	0°♈	

evening max el	-2351 Mar 30 j 02:43	11°♈13'39	22°00'03
retrograde	-2351 Apr 11 j 17:19	17°♈22'06	
evening set	-2351 Apr 14 j 11:08	17°♈05'22	
desc. node	-2351 Apr 18 j 00:27	15°♈58'40	
inferior conj	-2351 Apr 23 j 19:52	12°♈59'40	-1°-36'-34
minimum elong	-2351 Apr 23 j 15:29	13°♈05'50	1°35'06
min. Earth dist.	-2351 Apr 23 j 08:34	13°♈15'34	0.55166 AU
morning rise	-2351 May 02 j 21:14	9°♈02'36	
direct	-2351 May 05 j 16:41	8°♈44'57	
morning max el	-2351 May 17 j 16:11	14°♈23'02	21°30'24
	-2351 May 29 j 08:11	0°♉	
asc. node	-2351 Jun 03 j 16:35	9°♉55'07	
morning set	-2351 Jun 06 j 22:52	16°♉31'19	
	-2351 Jun 13 j 09:20	0°♊	
superior conj	-2351 Jun 14 j 09:13	2°♊04'28	1°31'45
minimum elong	-2351 Jun 14 j 06:44	1°♊51'34	1°31'32
max. Earth dist.	-2351 Jun 18 j 04:18	9°♊50'51	1.35076 AU
evening rise	-2351 Jun 22 j 17:06	18°♊44'38	
	-2351 Jun 28 j 20:20	0°♋	
desc. node	-2351 Jul 14 j 23:37	25°♋21'56	
	-2351 Jul 18 j 10:45	0°♌	
evening max el	-2351 Jul 27 j 22:44	10°♌51'23	26°47'06
retrograde	-2351 Aug 09 j 23:50	18°♌09'22	
evening set	-2351 Aug 16 j 16:46	15°♌24'00	
min. Earth dist.	-2351 Aug 20 j 16:11	11°♌19'53	0.65701 AU
inferior conj	-2351 Aug 22 j 10:35	9°♌14'21	-2°-36'-33
minimum elong	-2351 Aug 22 j 14:11	9°♌03'42	2°35'17
morning rise	-2351 Aug 28 j 12:48	3°♌30'25	
asc. node	-2351 Aug 30 j 15:46	2°♌47'36	
direct	-2351 Aug 31 j 09:44	2°♌44'28	
morning max el	-2351 Sep 07 j 01:17	6°♌24'10	18°28'40
	-2351 Sep 23 j 06:04	0°♍	
morning set	-2351 Sep 26 j 18:19	5°♍41'44	
desc. node	-2351 Oct 10 j 23:03	28°♍24'50	
	-2351 Oct 11 j 23:10	0°♎	
superior conj	-2351 Oct 12 j 03:17	0°♎16'14	0°-7'-34
minimum elong	-2351 Oct 12 j 02:17	0°♎12'17	0°07'27
behind sun begin	-2351 Oct 11 j 16:08	29°♍32'14	
behind sun end	-2351 Oct 12 j 12:26	0°♎52'19	
max. Earth dist.	-2351 Oct 13 j 14:25	2°♎34'36	1.44900 AU
evening rise	-2351 Oct 28 j 12:22	26°♎02'10	
	-2351 Oct 31 j 00:41	0°♏	
greatest brilliancy	-2351 Nov 09 j 20:36	15°♏21'38	-0.7m
evening max el	-2351 Nov 20 j 08:27	29°♏30'21	19°14'02
	-2351 Nov 20 j 20:13	0°♐	
asc. node	-2351 Nov 26 j 14:55	3°♐30'07	
retrograde	-2351 Nov 27 j 09:53	3°♐33'39	
evening set	-2351 Nov 30 j 15:46	2°♐32'23	
	-2351 Dec 03 j 13:42	30°℞♏	
inferior conj	-2351 Dec 06 j 08:30	26°♏39'03	2°55'19
minimum elong	-2351 Dec 06 j 05:29	26°♏48'38	2°54'26
min. Earth dist.	-2351 Dec 07 j 17:05	24°♏55'24	0.65872 AU
morning rise	-2351 Dec 11 j 18:20	20°♏26'59	
direct	-2351 Dec 18 j 02:32	17°♏41'13	
morning max el	-2351 Dec 30 j 18:44	25°♏08'28	26°17'37
	-2350 Jan 04 j 05:38	0°♐	
desc. node	-2350 Jan 06 j 22:26	3°♐16'27	
	-2350 Jan 25 j 05:33	0°♑	
morning set	-2350 Feb 04 j 21:08	18°♑42'51	
max. Earth dist.	-2350 Feb 08 j 23:59	26°♑35'52	1.35223 AU
	-2350 Feb 10 j 17:20	0°♒	
superior conj	-2350 Feb 13 j 19:20	6°♒13'31	-1°-21'-17
minimum elong	-2350 Feb 13 j 22:39	6°♒30'26	1°20'52
evening rise	-2350 Feb 21 j 13:43	22°♒17'22	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2350 Feb 22 j 14:16	24°♒22'56	
	-2350 Feb 25 j 09:46	0°♓	
evening max el	-2350 Mar 12 j 06:09	22°♓23'46	20°36'28
retrograde	-2350 Mar 23 j 06:45	27°♓39'50	
evening set	-2350 Mar 25 j 12:59	27°♓27'27	
inferior conj	-2350 Apr 03 j 15:10	23°♓30'01	0°21'16
minimum elong	-2350 Apr 03 j 16:09	23°♓28'36	0°20'55
desc. node	-2350 Apr 04 j 21:30	22°♓46'05	
min. Earth dist.	-2350 Apr 04 j 22:42	22°♓44'22	0.55254 AU
morning rise	-2350 Apr 12 j 17:30	19°♓14'59	
direct	-2350 Apr 16 j 04:49	18°♓48'46	
morning max el	-2350 Apr 29 j 12:49	25°♓18'35	23°06'29
	-2350 May 03 j 21:18	0°♈	
asc. node	-2350 May 21 j 13:39	29°♈42'12	
	-2350 May 21 j 17:05	0°♉	
morning set	-2350 May 22 j 10:01	1°♉28'09	
superior conj	-2350 May 29 j 14:22	16°♉46'57	1°15'18
minimum elong	-2350 May 29 j 11:47	16°♉33'13	1°14'56
max. Earth dist.	-2350 Jun 01 j 02:22	22°♉04'36	1.33884 AU
	-2350 Jun 04 j 22:45	0°♊	
evening rise	-2350 Jun 06 j 07:17	2°♊42'32	
	-2350 Jun 21 j 16:42	0°♋	
desc. node	-2350 Jul 01 j 20:40	14°♋29'54	
evening max el	-2350 Jul 10 j 10:05	24°♋09'34	27°19'42
	-2350 Jul 18 j 04:52	0°♌	
retrograde	-2350 Jul 23 j 22:19	1°♌31'42	
	-2350 Jul 29 j 05:27	30°℞♋	
evening set	-2350 Jul 31 j 00:08	28°♋47'13	
min. Earth dist.	-2350 Aug 03 j 17:10	25°♋19'34	0.64379 AU
inferior conj	-2350 Aug 06 j 01:03	22°♋48'31	-3°-23'-30
minimum elong	-2350 Aug 06 j 05:13	22°♋37'14	3°22'20
morning rise	-2350 Aug 12 j 12:01	17°♋20'25	
direct	-2350 Aug 15 j 03:32	16°♋44'12	
asc. node	-2350 Aug 17 j 12:50	17°♋13'44	
morning max el	-2350 Aug 21 j 15:55	20°♋12'19	18°02'51
	-2350 Aug 29 j 00:17	0°♌	
morning set	-2350 Sep 08 j 05:15	16°♌59'11	
	-2350 Sep 15 j 23:16	0°♍	
superior conj	-2350 Sep 21 j 13:57	9°♍10'47	0°39'46
minimum elong	-2350 Sep 21 j 18:17	9°♍28'18	0°39'13
max. Earth dist.	-2350 Sep 26 j 07:59	16°♍47'41	1.44400 AU
desc. node	-2350 Sep 27 j 20:04	19°♍10'39	
	-2350 Oct 04 j 17:52	0°♎	
evening rise	-2350 Oct 08 j 01:06	5°♎06'51	
	-2350 Oct 24 j 12:19	0°♏	
greatest brilliancy	-2350 Oct 27 j 16:49	4°♏30'16	-0.6m
evening max el	-2350 Nov 03 j 13:26	12°♏57'45	20°09'03
retrograde	-2350 Nov 11 j 07:09	17°♏30'11	
asc. node	-2350 Nov 13 j 11:58	17°♏02'14	
evening set	-2350 Nov 14 j 21:38	16°♏14'41	
inferior conj	-2350 Nov 20 j 10:09	10°♏08'56	2°13'21
minimum elong	-2350 Nov 20 j 07:30	10°♏17'48	2°12'24
min. Earth dist.	-2350 Nov 21 j 05:54	9°♏02'53	0.66757 AU
morning rise	-2350 Nov 25 j 16:47	3°♏53'30	
direct	-2350 Dec 01 j 10:41	1°♏22'43	
morning max el	-2350 Dec 13 j 03:19	8°♏20'03	25°01'18
desc. node	-2350 Dec 24 j 19:28	22°♏25'38	
	-2350 Dec 30 j 04:28	0°♐	
	-2349 Jan 17 j 18:58	0°♑	
morning set	-2349 Jan 18 j 06:46	0°♑52'27	
max. Earth dist.	-2349 Jan 22 j 00:25	7°♑39'51	1.36974 AU
superior conj	-2349 Jan 28 j 08:02	19°♑44'03	-1°-40'-53
minimum elong	-2349 Jan 28 j 11:21	20°♑00'20	1°40'38
	-2349 Feb 02 j 11:32	0°♒	
evening rise	-2349 Feb 05 j 16:40	6°♒28'26	
asc. node	-2349 Feb 09 j 11:18	13°♒55'01	
	-2349 Feb 19 j 04:06	0°♓	
evening max el	-2349 Feb 22 j 20:25	4°♓10'00	19°29'43
retrograde	-2349 Mar 04 j 04:16	8°♓36'51	
evening set	-2349 Mar 06 j 10:30	8°♓22'23	
inferior conj	-2349 Mar 14 j 20:54	4°♓16'33	2°05'47
minimum elong	-2349 Mar 15 j 01:24	4°♓09'16	2°04'26
min. Earth dist.	-2349 Mar 17 j 13:22	2°♓32'48	0.56248 AU
	-2349 Mar 22 j 07:01	30°℞♒	
desc. node	-2349 Mar 22 j 18:35	29°♒48'21	
morning rise	-2349 Mar 23 j 12:38	29°♒31'58	
direct	-2349 Mar 28 j 02:21	28°♒44'38	
	-2349 Apr 02 j 20:12	0°♓	
morning max el	-2349 Apr 11 j 03:57	5°♓52'18	24°45'54
	-2349 Apr 28 j 12:15	0°♈	
morning set	-2349 May 06 j 22:10	16°♈29'17	
asc. node	-2349 May 08 j 10:43	19°♈42'55	
	-2349 May 13 j 04:48	0°♉	
superior conj	-2349 May 13 j 23:34	1°♉41'55	0°55'12
minimum elong	-2349 May 13 j 21:24	1°♉30'09	0°54'49
max. Earth dist.	-2349 May 15 j 09:04	4°♉43'13	1.33064 AU
evening rise	-2349 May 21 j 06:46	17°♉09'03	
	-2349 May 27 j 21:32	0°♊	
	-2349 Jun 16 j 08:50	0°♋	
desc. node	-2349 Jun 18 j 17:42	2°♋47'28	
evening max el	-2349 Jun 22 j 19:24	7°♋02'52	27°22'48
retrograde	-2349 Jul 06 j 14:27	14°♋23'48	
evening set	-2349 Jul 13 j 18:22	11°♋53'09	
min. Earth dist.	-2349 Jul 17 j 08:21	8°♋55'23	0.62702 AU
inferior conj	-2349 Jul 20 j 05:26	6°♋08'32	-4°-1'-52
minimum elong	-2349 Jul 20 j 09:13	5°♋59'22	4°01'09
morning rise	-2349 Jul 27 j 02:22	0°♋59'33	
direct	-2349 Jul 29 j 14:51	0°♋30'18	
asc. node	-2349 Aug 04 j 09:56	3°♋06'09	
morning max el	-2349 Aug 05 j 06:59	3°♋55'03	17°55'02
morning set	-2349 Aug 21 j 15:00	29°♋22'19	
	-2349 Aug 21 j 23:28	0°♌	
superior conj	-2349 Sep 02 j 02:08	19°♌21'40	1°15'56
minimum elong	-2349 Sep 02 j 07:30	19°♌44'23	1°15'23
	-2349 Sep 08 j 12:08	0°♍	
max. Earth dist.	-2349 Sep 08 j 22:34	0°♍42'24	1.43243 AU
desc. node	-2349 Sep 14 j 17:05	9°♍55'42	
evening rise	-2349 Sep 17 j 06:30	13°♍55'58	
	-2349 Sep 27 j 20:02	0°♎	
greatest brilliancy	-2349 Oct 12 j 07:22	20°♎21'35	-0.4m
evening max el	-2349 Oct 17 j 12:36	26°♎25'13	21°16'53
	-2349 Oct 21 j 17:19	0°♏	
retrograde	-2349 Oct 26 j 04:07	1°♏32'58	
evening set	-2349 Oct 30 j 05:23	0°♏00'47	
	-2349 Oct 30 j 05:47	30°℞♎	
asc. node	-2349 Oct 31 j 09:02	29°♎00'38	
inferior conj	-2349 Nov 04 j 15:18	23°♎45'53	1°25'43
minimum elong	-2349 Nov 04 j 13:26	23°♎52'19	1°24'57
min. Earth dist.	-2349 Nov 04 j 23:35	23°♎17'25	0.67298 AU
morning rise	-2349 Nov 09 j 21:10	17°♎29'33	
direct	-2349 Nov 14 j 23:37	15°♎19'24	
morning max el	-2349 Nov 25 j 12:13	21°♎35'48	23°35'27
	-2349 Dec 02 j 18:35	0°♏	
desc. node	-2349 Dec 11 j 16:31	12°♏07'56	
	-2349 Dec 23 j 11:48	0°♐	
morning set	-2349 Dec 30 j 16:19	11°♐47'29	
max. Earth dist.	-2348 Jan 03 j 20:01	18°♐57'05	1.39018 AU
	-2348 Jan 09 j 22:57	0°♑	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2348 Jan 11 j 07:18	2°♑30'38	-1°-54'-8
minimum elong	-2348 Jan 11 j 09:23	2°♑40'27	1°54'07
evening rise	-2348 Jan 20 j 12:06	20°♑11'43	
	-2348 Jan 25 j 15:46	0°♒	
asc. node	-2348 Jan 27 j 08:20	3°♒02'57	
evening max el	-2348 Feb 05 j 20:20	16°♒30'29	18°42'27
retrograde	-2348 Feb 13 j 19:26	20°♒22'09	
evening set	-2348 Feb 16 j 05:03	20°♒02'24	
inferior conj	-2348 Feb 23 j 21:48	15°♒38'10	3°16'15
minimum elong	-2348 Feb 24 j 01:57	15°♒30'20	3°15'25
min. Earth dist.	-2348 Feb 27 j 05:56	13°♒08'33	0.57916 AU
morning rise	-2348 Mar 02 j 19:03	10°♒23'57	
direct	-2348 Mar 08 j 12:45	9°♒02'47	
desc. node	-2348 Mar 08 j 15:39	9°♒02'50	
morning max el	-2348 Mar 22 j 19:54	16°♒32'26	26°13'55
	-2348 Apr 02 j 19:54	0°♓	
	-2348 Apr 19 j 16:40	0°♈	
morning set	-2348 Apr 20 j 09:37	1°♈28'24	
asc. node	-2348 Apr 24 j 07:45	9°♈51'54	
superior conj	-2348 Apr 27 j 10:52	16°♈42'19	0°32'25
minimum elong	-2348 Apr 27 j 09:28	16°♈34'43	0°32'09
max. Earth dist.	-2348 Apr 27 j 20:56	17°♈37'29	1.32599 AU
	-2348 May 03 j 14:44	0°♉	
evening rise	-2348 May 04 j 12:29	1°♉53'40	
	-2348 May 19 j 21:08	0°♊	
evening max el	-2348 Jun 03 j 23:48	19°♊17'48	26°53'01
desc. node	-2348 Jun 04 j 14:45	19°♊52'55	
retrograde	-2348 Jun 17 j 23:15	26°♊36'21	
evening set	-2348 Jun 24 j 19:06	24°♊33'07	
min. Earth dist.	-2348 Jun 28 j 13:20	21°♊52'18	0.60749 AU
inferior conj	-2348 Jul 01 j 20:14	19°♊05'15	-4°-25'-52
minimum elong	-2348 Jul 01 j 22:08	19°♊01'12	4°25'42
morning rise	-2348 Jul 09 j 04:14	14°♊18'10	
direct	-2348 Jul 11 j 15:41	13°♊53'59	
morning max el	-2348 Jul 18 j 19:38	17°♊24'52	18°06'09
asc. node	-2348 Jul 21 j 07:00	20°♊08'58	
	-2348 Jul 27 j 19:24	0°♋	
morning set	-2348 Aug 03 j 17:45	12°♋34'32	
	-2348 Aug 13 j 05:29	0°♌	
superior conj	-2348 Aug 13 j 17:20	0°♌52'48	1°38'05
minimum elong	-2348 Aug 13 j 20:50	1°♌08'25	1°37'53
max. Earth dist.	-2348 Aug 21 j 07:36	14°♌00'28	1.41580 AU
evening rise	-2348 Aug 26 j 23:27	23°♌18'13	
	-2348 Aug 31 j 04:52	0°♍	
desc. node	-2348 Aug 31 j 14:06	0°♍36'01	
	-2348 Sep 20 j 21:30	0°♎	
greatest brilliancy	-2348 Sep 24 j 10:55	4°♎29'45	-0.3m
evening max el	-2348 Sep 29 j 05:48	9°♎52'00	22°33'48
retrograde	-2348 Oct 08 j 23:06	15°♎38'35	
evening set	-2348 Oct 13 j 13:09	13°♎47'51	
asc. node	-2348 Oct 17 j 06:06	9°♎43'11	
inferior conj	-2348 Oct 18 j 21:59	7°♎27'25	0°34'13
minimum elong	-2348 Oct 18 j 21:12	7°♎30'09	0°33'51
min. Earth dist.	-2348 Oct 18 j 19:46	7°♎35'07	0.67513 AU
morning rise	-2348 Oct 24 j 05:10	1°♎12'43	
	-2348 Oct 26 j 02:38	30°℞♍	
direct	-2348 Oct 28 j 16:34	29°♍24'52	
	-2348 Oct 31 j 10:27	0°♎	
morning max el	-2348 Nov 07 j 00:26	4°♎56'29	22°09'22
greatest brilliancy	-2348 Nov 11 j 17:45	10°♎16'31	-0.4m
	-2348 Nov 26 j 01:34	0°♏	
desc. node	-2348 Nov 27 j 13:33	2°♏13'28	
morning set	-2348 Dec 09 j 21:10	21°♏18'43	
	-2348 Dec 15 j 04:19	0°♐	
max. Earth dist.	-2348 Dec 15 j 18:20	0°♐58'41	1.41085 AU
superior conj	-2348 Dec 23 j 12:03	14°♐20'20	-1°-57'-38
minimum elong	-2348 Dec 23 j 11:14	14°♐16'44	1°57'41
	-2347 Jan 01 j 01:59	0°♑	
evening rise	-2347 Jan 02 j 20:54	3°♑19'54	
asc. node	-2347 Jan 13 j 05:21	21°♑39'03	
evening max el	-2347 Jan 19 j 03:22	29°♑18'24	18°15'19
	-2347 Jan 19 j 21:13	0°♒	
retrograde	-2347 Jan 26 j 05:01	2°♒50'43	
evening set	-2347 Jan 28 j 18:03	2°♒24'08	
	-2347 Feb 01 j 23:08	30°℞♑	
inferior conj	-2347 Feb 04 j 19:20	27°♑38'27	3°51'03
minimum elong	-2347 Feb 04 j 21:05	27°♑34'36	3°50'51
min. Earth dist.	-2347 Feb 08 j 03:29	24°♑44'09	0.59918 AU
morning rise	-2347 Feb 11 j 20:59	22°♑01'52	
direct	-2347 Feb 18 j 11:21	20°♑02'11	
desc. node	-2347 Feb 23 j 12:43	21°♑07'48	
morning max el	-2347 Mar 04 j 17:17	27°♑43'59	27°16'06
	-2347 Mar 06 j 22:08	0°♒	
	-2347 Mar 27 j 09:39	0°♓	
morning set	-2347 Apr 04 j 18:39	16°♓19'21	
asc. node	-2347 Apr 11 j 04:46	0°♈04'51	
	-2347 Apr 11 j 03:53	0°♈	
superior conj	-2347 Apr 11 j 22:35	1°♈42'18	0°07'50
minimum elong	-2347 Apr 11 j 22:13	1°♈40'23	0°07'46
behind sun begin	-2347 Apr 11 j 17:50	1°♈16'19	
behind sun end	-2347 Apr 12 j 02:37	2°♈04'27	
max. Earth dist.	-2347 Apr 11 j 10:13	0°♈34'38	1.32478 AU
evening rise	-2347 Apr 18 j 22:05	16°♈48'23	
	-2347 Apr 25 j 12:31	0°♉	
	-2347 May 16 j 01:34	0°♊	
evening max el	-2347 May 16 j 21:37	0°♊49'03	25°51'59
desc. node	-2347 May 22 j 11:46	5°♊16'53	
retrograde	-2347 May 30 j 23:27	8°♊03'33	
evening set	-2347 Jun 05 j 22:29	6°♊37'45	
min. Earth dist.	-2347 Jun 10 j 10:02	3°♊56'09	0.58701 AU
inferior conj	-2347 Jun 13 j 17:51	1°♊29'37	-4°-26'-44
minimum elong	-2347 Jun 13 j 16:15	1°♊32'35	4°26'37
	-2347 Jun 15 j 19:44	30°℞♉	
morning rise	-2347 Jun 21 j 13:51	27°♉05'09	
direct	-2347 Jun 24 j 01:30	26°♉44'49	
	-2347 Jul 01 j 12:05	0°♊	
morning max el	-2347 Jul 02 j 03:00	0°♊33'51	18°37'10
asc. node	-2347 Jul 08 j 04:05	8°♊07'33	
morning set	-2347 Jul 18 j 08:54	26°♊24'10	
	-2347 Jul 20 j 05:24	0°♋	
superior conj	-2347 Jul 27 j 06:44	13°♋31'05	1°47'37
minimum elong	-2347 Jul 27 j 07:46	13°♋35'53	1°47'40
max. Earth dist.	-2347 Aug 03 j 11:03	26°♋33'12	1.39642 AU
	-2347 Aug 05 j 10:37	0°♌	
evening rise	-2347 Aug 07 j 16:17	3°♌48'38	
desc. node	-2347 Aug 18 j 11:05	21°♌07'47	
	-2347 Aug 24 j 10:02	0°♍	
evening max el	-2347 Sep 11 j 18:38	23°♍20'30	23°54'22
retrograde	-2347 Sep 22 j 14:56	29°♍44'01	
evening set	-2347 Sep 27 j 19:15	27°♍34'17	
min. Earth dist.	-2347 Oct 02 j 16:00	21°♍54'28	0.67422 AU
inferior conj	-2347 Oct 03 j 04:29	21°♍12'01	0°-19'-31
minimum elong	-2347 Oct 03 j 04:57	21°♍10'27	0°19'21
asc. node	-2347 Oct 04 j 03:11	19°♍55'25	
morning rise	-2347 Oct 08 j 14:50	15°♍01'48	
direct	-2347 Oct 12 j 12:42	13°♍35'06	
morning max el	-2347 Oct 20 j 18:51	18°♍24'59	20°50'19
greatest brilliancy	-2347 Oct 26 j 15:30	25°♍19'17	-0.5m
	-2347 Oct 30 j 02:51	0°♎	
desc. node	-2347 Nov 14 j 10:33	22°♎35'19	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning set	-2347 Nov 19 j 01:07	29°♎42'19	
	-2347 Nov 19 j 05:40	0°♏	
max. Earth dist.	-2347 Nov 27 j 23:18	13°♏52'59	1.42897 AU
superior conj	-2347 Dec 04 j 16:37	24°♏59'20	-1°-47'-13
minimum elong	-2347 Dec 04 j 11:39	24°♏38'24	1°46'58
	-2347 Dec 07 j 15:26	0°♐	
evening rise	-2347 Dec 16 j 15:04	15°♐43'54	
	-2347 Dec 24 j 18:35	0°♑	
asc. node	-2347 Dec 31 j 02:23	9°♑32'52	
evening max el	-2346 Jan 02 j 14:37	12°♑25'02	18°07'58
retrograde	-2346 Jan 09 j 05:19	15°♑51'47	
evening set	-2346 Jan 11 j 21:46	15°♑17'19	
inferior conj	-2346 Jan 18 j 10:37	10°♑10'14	3°57'31
minimum elong	-2346 Jan 18 j 09:57	10°♑11'54	3°57'25
min. Earth dist.	-2346 Jan 21 j 08:46	7°♑15'26	0.61939 AU
morning rise	-2346 Jan 24 j 19:53	4°♑18'49	
direct	-2346 Jan 31 j 20:03	1°♑47'39	
desc. node	-2346 Feb 10 j 09:47	5°♑41'46	
morning max el	-2346 Feb 14 j 20:43	9°♑35'09	27°43'33
	-2346 Mar 02 j 17:38	0°♒	
morning set	-2346 Mar 19 j 23:10	0°♓53'36	
	-2346 Mar 19 j 12:37	0°♓	
max. Earth dist.	-2346 Mar 25 j 20:54	13°♓19'23	1.32717 AU
superior conj	-2346 Mar 27 j 09:00	16°♓34'50	0°-17'-48
minimum elong	-2346 Mar 27 j 09:49	16°♓39'17	0°17'39
asc. node	-2346 Mar 29 j 01:47	20°♓16'43	
	-2346 Apr 02 j 13:44	0°♈	
evening rise	-2346 Apr 03 j 09:33	1°♈44'56	
	-2346 Apr 18 j 23:09	0°♉	
evening max el	-2346 Apr 28 j 14:05	11°♉43'18	24°27'41
desc. node	-2346 May 09 j 08:49	18°♉22'18	
retrograde	-2346 May 12 j 12:36	18°♉45'14	
evening set	-2346 May 17 j 04:08	17°♉56'37	
min. Earth dist.	-2346 May 23 j 01:53	14°♉58'06	0.56851 AU
inferior conj	-2346 May 25 j 19:34	13°♉12'59	-3°-53'-15
minimum elong	-2346 May 25 j 14:09	13°♉21'43	3°52'14
morning rise	-2346 Jun 03 j 04:11	9°♉07'33	
direct	-2346 Jun 05 j 16:44	8°♉50'05	
morning max el	-2346 Jun 15 j 02:05	13°♉11'42	19°28'50
asc. node	-2346 Jun 25 j 01:08	26°♉48'31	
	-2346 Jun 26 j 19:57	0°♊	
morning set	-2346 Jul 02 j 08:51	10°♊41'52	
superior conj	-2346 Jul 10 j 12:38	27°♊00'08	1°47'10
minimum elong	-2346 Jul 10 j 11:41	26°♊55'27	1°47'12
	-2346 Jul 12 j 01:31	0°♋	
max. Earth dist.	-2346 Jul 16 j 13:17	8°♋30'45	1.37688 AU
evening rise	-2346 Jul 20 j 10:28	15°♋33'18	
	-2346 Jul 28 j 23:07	0°♌	
desc. node	-2346 Aug 05 j 08:04	11°♌26'20	
	-2346 Aug 19 j 00:02	0°♍	
evening max el	-2346 Aug 25 j 05:45	6°♍53'03	25°11'36
retrograde	-2346 Sep 06 j 02:35	13°♍45'41	
evening set	-2346 Sep 11 j 21:54	11°♍18'24	
min. Earth dist.	-2346 Sep 16 j 09:56	6°♍14'10	0.67022 AU
inferior conj	-2346 Sep 17 j 09:06	4°♍58'17	-1°-13'-55
minimum elong	-2346 Sep 17 j 10:53	4°♍52'26	1°13'10
asc. node	-2346 Sep 21 j 00:16	0°♍36'43	
	-2346 Sep 21 j 15:37	30°℞♌	
morning rise	-2346 Sep 23 j 00:21	28°♌55'34	
direct	-2346 Sep 26 j 10:45	27°♌47'17	
	-2346 Oct 01 j 14:47	0°♍	
morning max el	-2346 Oct 03 j 20:41	2°♍02'46	19°43'20
greatest brilliancy	-2346 Oct 12 j 01:08	12°♍22'10	-0.6m
	-2346 Oct 23 j 19:45	0°♎	
morning set	-2346 Oct 28 j 23:20	7°♎57'05	
desc. node	-2346 Nov 01 j 07:32	13°♎08'41	
max. Earth dist.	-2346 Nov 10 j 11:24	27°♎32'50	1.44212 AU
	-2346 Nov 12 j 00:22	0°♏	
superior conj	-2346 Nov 14 j 17:55	4°♏22'47	-1°-19'-35
minimum elong	-2346 Nov 14 j 10:21	3°♏52'19	1°18'52
evening rise	-2346 Nov 28 j 14:11	27°♏15'25	
	-2346 Nov 30 j 05:05	0°♐	
evening max el	-2346 Dec 17 j 03:16	25°♐43'32	18°19'40
asc. node	-2346 Dec 17 j 23:25	26°♐32'12	
retrograde	-2346 Dec 23 j 16:02	29°♐16'34	
evening set	-2346 Dec 26 j 12:37	28°♐32'56	
inferior conj	-2345 Jan 01 j 15:50	23°♐05'49	3°43'46
minimum elong	-2345 Jan 01 j 13:34	23°♐12'09	3°43'24
min. Earth dist.	-2345 Jan 03 j 23:30	20°♐30'25	0.63744 AU
morning rise	-2345 Jan 07 j 13:00	17°♐04'22	
direct	-2345 Jan 14 j 12:34	14°♐16'10	
morning max el	-2345 Jan 28 j 04:27	22°♐02'40	27°34'35
desc. node	-2345 Jan 28 j 06:50	22°♐08'36	
	-2345 Feb 04 j 05:06	0°♑	
	-2345 Feb 23 j 20:52	0°♒	
morning set	-2345 Mar 03 j 20:43	15°♒02'51	
max. Earth dist.	-2345 Mar 09 j 01:12	25°♒39'13	1.33351 AU
	-2345 Mar 11 j 02:31	0°♓	
superior conj	-2345 Mar 11 j 16:23	1°♓13'59	0°-43'-30
minimum elong	-2345 Mar 11 j 18:22	1°♓24'36	0°43'09
asc. node	-2345 Mar 15 j 22:48	10°♓23'35	
evening rise	-2345 Mar 18 j 21:06	16°♓37'13	
	-2345 Mar 25 j 14:11	0°♈	
evening max el	-2345 Apr 10 j 06:04	22°♈22'55	22°53'17
retrograde	-2345 Apr 23 j 12:34	28°♈55'26	
desc. node	-2345 Apr 26 j 05:54	28°♈39'09	
evening set	-2345 Apr 26 j 20:09	28°♈31'24	
min. Earth dist.	-2345 May 04 j 15:42	25°♈04'27	0.55554 AU
inferior conj	-2345 May 06 j 02:20	24°♈14'28	-2°-37'-21
minimum elong	-2345 May 05 j 20:07	24°♈23'28	2°35'31
morning rise	-2345 May 14 j 22:46	20°♈18'39	
direct	-2345 May 17 j 14:20	20°♈02'03	
morning max el	-2345 May 28 j 14:42	25°♈09'44	20°40'47
	-2345 Jun 01 j 23:53	0°♉	
asc. node	-2345 Jun 11 j 22:11	16°♉01'28	
morning set	-2345 Jun 16 j 14:51	25°♉20'05	
	-2345 Jun 18 j 21:13	0°♊	
superior conj	-2345 Jun 24 j 06:16	11°♊05'59	1°39'05
minimum elong	-2345 Jun 24 j 04:08	10°♊55'04	1°38'58
max. Earth dist.	-2345 Jun 28 j 20:47	20°♊18'53	1.35941 AU
evening rise	-2345 Jul 03 j 01:44	28°♊21'01	
	-2345 Jul 03 j 23:06	0°♋	
	-2345 Jul 22 j 05:27	0°♌	
desc. node	-2345 Jul 23 j 05:06	1°♌25'02	
evening max el	-2345 Aug 07 j 17:05	20°♌26'59	26°17'30
retrograde	-2345 Aug 20 j 09:21	27°♌37'52	
evening set	-2345 Aug 26 j 19:04	24°♌57'14	
min. Earth dist.	-2345 Aug 30 j 22:59	20°♌30'55	0.66289 AU
inferior conj	-2345 Sep 01 j 09:56	18°♌42'57	-2°-7'-13
minimum elong	-2345 Sep 01 j 12:57	18°♌33'38	2°06'03
morning rise	-2345 Sep 07 j 07:43	12°♌51'08	
asc. node	-2345 Sep 07 j 21:21	12°♌33'12	
direct	-2345 Sep 10 j 08:58	11°♌57'54	
morning max el	-2345 Sep 17 j 05:10	15°♌47'50	18°51'14
	-2345 Sep 27 j 17:46	0°♍	
morning set	-2345 Oct 08 j 15:03	17°♍08'13	
	-2345 Oct 16 j 18:18	0°♎	
desc. node	-2345 Oct 19 j 04:31	3°♎49'18	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

max. Earth dist.	-2345 Oct 24 j 04:37	11°♎41'58	1.44864 AU	
superior conj	-2345 Oct 24 j 21:45	12°♎49'27	0°-36'-12	
minimum elong	-2345 Oct 24 j 17:04	12°♎31'00	0°35'37	
	-2345 Nov 04 j 17:46	0°♏		
evening rise	-2345 Nov 09 j 14:05	7°♏46'49		
	-2345 Nov 23 j 14:06	0°♐		
evening max el	-2345 Nov 30 j 14:37	9°♐07'40	18°49'22	
asc. node	-2345 Dec 04 j 20:29	12°♐21'58		
retrograde	-2345 Dec 07 j 09:16	12°♐57'10		
evening set	-2345 Dec 10 j 11:20	12°♐02'46		
inferior conj	-2345 Dec 16 j 07:17	6°♐18'00	3°15'57	
minimum elong	-2345 Dec 16 j 04:20	6°♐27'02	3°15'14	
min. Earth dist.	-2345 Dec 17 j 23:53	4°♐14'00	0.65206 AU	
morning rise	-2345 Dec 21 j 20:18	0°♐09'17		
	-2345 Dec 22 j 00:40	30°℞♏		
direct	-2345 Dec 28 j 11:32	27°♏19'15		
	-2344 Jan 04 j 18:22	0°♐		
morning max el	-2344 Jan 10 j 14:00	4°♐56'13	26°53'15	
desc. node	-2344 Jan 15 j 03:52	9°♐55'45		
	-2344 Jan 29 j 18:41	0°♑		
morning set	-2344 Feb 15 j 08:01	28°♑36'31		
	-2344 Feb 16 j 01:23	0°♒		
max. Earth dist.	-2344 Feb 19 j 19:39	7°♒25'40	1.34412 AU	
superior conj	-2344 Feb 23 j 18:40	15°♒32'50	-1°-8'-9	
minimum elong	-2344 Feb 23 j 21:37	15°♒48'13	1°07'43	
asc. node	-2344 Mar 01 j 19:50	0°♓21'10		
	-2344 Mar 01 j 15:47	0°♓		
evening rise	-2344 Mar 02 j 06:56	1°♓18'50		
	-2344 Mar 19 j 02:52	0°♈		
evening max el	-2344 Mar 22 j 03:54	3°♈15'37	21°22'44	
retrograde	-2344 Apr 03 j 03:02	9°♈02'06		
evening set	-2344 Apr 05 j 14:23	8°♈48'08		
desc. node	-2344 Apr 12 j 02:57	6°♈20'07		
inferior conj	-2344 Apr 14 j 21:56	4°♈48'12	0°-47'-2	
minimum elong	-2344 Apr 14 j 19:43	4°♈51'19	0°46'16	
min. Earth dist.	-2344 Apr 15 j 05:09	4°♈38'03	0.55090 AU	
morning rise	-2344 Apr 24 j 01:07	0°♈46'01		
direct	-2344 Apr 27 j 02:07	0°♈25'50		
morning max el	-2344 May 09 j 16:33	6°♈26'11	22°10'06	
	-2344 May 25 j 22:21	0°♉		
asc. node	-2344 May 28 j 19:14	5°♉38'26		
morning set	-2344 May 31 j 00:43	10°♉12'37		
superior conj	-2344 Jun 07 j 08:05	25°♉38'19	1°25'17	
minimum elong	-2344 Jun 07 j 05:30	25°♉24'41	1°25'00	
	-2344 Jun 09 j 10:11	0°♊		
max. Earth dist.	-2344 Jun 10 j 13:36	2°♊21'24	1.34526 AU	
evening rise	-2344 Jun 15 j 08:55	11°♊57'38		
	-2344 Jun 25 j 07:26	0°♋		
desc. node	-2344 Jul 09 j 02:10	20°♋55'16		
	-2344 Jul 16 j 10:44	0°♌		
evening max el	-2344 Jul 20 j 04:47	3°♌54'25	27°04'10	
retrograde	-2344 Aug 02 j 10:50	11°♌14'13		
evening set	-2344 Aug 09 j 08:21	8°♌27'47		
min. Earth dist.	-2344 Aug 13 j 04:51	4°♌39'48	0.65192 AU	
inferior conj	-2344 Aug 15 j 04:55	2°♌22'43	-2°-57'-14	
minimum elong	-2344 Aug 15 j 08:51	2°♌11'31	2°55'58	
	-2344 Aug 17 j 08:44	30°℞♋		
morning rise	-2344 Aug 21 j 10:42	26°♋45'11		
direct	-2344 Aug 24 j 05:09	26°♋03'37		
asc. node	-2344 Aug 24 j 18:25	26°♋05'17		
morning max el	-2344 Aug 30 j 18:21	29°♋36'58	18°15'33	
	-2344 Aug 31 j 03:18	0°♌		
morning set	-2344 Sep 18 j 10:31	27°♌41'28		
	-2344 Sep 19 j 20:06	0°♍		

superior conj	-2344 Oct 02 j 23:30	21°♍15'56	0°13'26	
minimum elong	-2344 Oct 03 j 01:12	21°♍22'38	0°13'13	
behind sun begin	-2344 Oct 02 j 18:42	20°♍56'51		
behind sun end	-2344 Oct 03 j 07:41	21°♍48'25		
desc. node	-2344 Oct 05 j 01:34	24°♍34'17		
max. Earth dist.	-2344 Oct 05 j 23:25	26°♍00'36	1.44781 AU	
	-2344 Oct 08 j 12:13	0°♎		
evening rise	-2344 Oct 19 j 14:05	17°♎19'08		
	-2344 Oct 27 j 18:08	0°♏		
greatest brilliancy	-2344 Nov 04 j 12:12	11°♏42'03	-0.7m	
evening max el	-2344 Nov 12 j 22:23	22°♏34'08	19°35'38	
retrograde	-2344 Nov 20 j 05:55	26°♏48'57		
asc. node	-2344 Nov 20 j 17:33	26°♏47'36		
evening set	-2344 Nov 23 j 15:15	25°♏41'45		
inferior conj	-2344 Nov 29 j 05:57	19°♏42'26	2°38'19	
minimum elong	-2344 Nov 29 j 03:02	19°♏51'58	2°37'23	
min. Earth dist.	-2344 Nov 30 j 08:47	18°♏15'01	0.66294 AU	
morning rise	-2344 Dec 04 j 14:07	13°♏28'42		
direct	-2344 Dec 10 j 16:22	10°♏48'42		
morning max el	-2344 Dec 22 j 23:21	18°♏04'35	25°47'00	
desc. node	-2343 Jan 01 j 00:55	28°♏39'52		
	-2343 Jan 02 j 01:19	0°♐		
	-2343 Jan 21 j 18:37	0°♑		
morning set	-2343 Jan 28 j 04:38	11°♑21'14		
max. Earth dist.	-2343 Feb 01 j 02:24	18°♑40'27	1.35920 AU	
superior conj	-2343 Feb 06 j 13:14	29°♑23'15	-1°-30'-12	
minimum elong	-2343 Feb 06 j 16:40	29°♑40'30	1°29'50	
	-2343 Feb 06 j 20:32	0°♒		
evening rise	-2343 Feb 14 j 13:03	15°♒42'53		
asc. node	-2343 Feb 16 j 16:53	20°♒04'06		
	-2343 Feb 21 j 22:41	0°♓		
evening max el	-2343 Mar 04 j 11:47	14°♓39'52	20°05'46	
retrograde	-2343 Mar 14 j 18:48	19°♓34'23		
evening set	-2343 Mar 17 j 00:04	19°♓21'41		
inferior conj	-2343 Mar 25 j 20:07	15°♓21'57	1°08'56	
minimum elong	-2343 Mar 25 j 23:03	15°♓17'32	1°07'57	
min. Earth dist.	-2343 Mar 27 j 19:15	14°♓11'02	0.55568 AU	
desc. node	-2343 Mar 30 j 00:01	12°♓56'07		
morning rise	-2343 Apr 03 j 19:19	10°♓55'19		
direct	-2343 Apr 07 j 16:41	10°♓22'07		
morning max el	-2343 Apr 21 j 10:16	17°♓09'49	23°49'18	
	-2343 May 01 j 18:53	0°♈		
morning set	-2343 May 15 j 12:31	25°♈12'19		
asc. node	-2343 May 15 j 16:17	25°♈32'01		
	-2343 May 17 j 18:47	0°♉		
superior conj	-2343 May 22 j 15:14	10°♉27'13	1°07'10	
minimum elong	-2343 May 22 j 12:47	10°♉14'00	1°06'47	
max. Earth dist.	-2343 May 24 j 15:41	14°♉46'26	1.33487 AU	
evening rise	-2343 May 30 j 03:28	26°♉08'54		
	-2343 Jun 01 j 02:08	0°♊		
	-2343 Jun 18 j 16:52	0°♋		
desc. node	-2343 Jun 25 j 23:13	9°♋43'58		
evening max el	-2343 Jul 02 j 15:19	17°♋02'42	27°24'45	
retrograde	-2343 Jul 16 j 06:43	24°♋25'03		
evening set	-2343 Jul 23 j 10:38	21°♋44'21		
min. Earth dist.	-2343 Jul 27 j 01:38	18°♋30'54	0.63712 AU	
inferior conj	-2343 Jul 29 j 15:27	15°♋51'20	-3°-41'-5	
minimum elong	-2343 Jul 29 j 19:36	15°♋40'35	3°40'05	
morning rise	-2343 Aug 05 j 06:34	10°♋31'20		
direct	-2343 Aug 07 j 20:30	9°♋58'26		
asc. node	-2343 Aug 11 j 15:29	11°♋09'41		
morning max el	-2343 Aug 14 j 09:34	13°♋23'50	17°57'17	
	-2343 Aug 25 j 19:59	0°♌		
morning set	-2343 Aug 31 j 07:49	9°♌28'27		
	-2343 Sep 12 j 10:16	0°♍		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2343 Sep 12 j 20:09	0°♍40'40	0°56'48	
minimum elong	-2343 Sep 13 j 01:26	1°♍02'26	0°56'10	
max. Earth dist.	-2343 Sep 18 j 15:54	10°♍07'21	1.43979 AU	
desc. node	-2343 Sep 21 j 22:36	15°♍20'09		
evening rise	-2343 Sep 28 j 21:25	26°♍11'03		
	-2343 Oct 01 j 08:57	0°♎		
greatest brilliancy	-2343 Oct 20 j 23:45	28°♎45'58	-0.5m	
	-2343 Oct 21 j 22:20	0°♏		
evening max el	-2343 Oct 27 j 00:51	6°♏01'05	20°36'30	
retrograde	-2343 Nov 04 j 03:25	10°♏48'28		
evening set	-2343 Nov 07 j 22:09	9°♏26'10		
asc. node	-2343 Nov 07 j 14:36	9°♏39'24		
inferior conj	-2343 Nov 13 j 09:22	3°♏15'51	1°53'45	
minimum elong	-2343 Nov 13 j 07:00	3°♏23'53	1°52'49	
min. Earth dist.	-2343 Nov 14 j 00:04	2°♏25'56	0.67022 AU	
	-2343 Nov 15 j 20:32	30°℞♎		
morning rise	-2343 Nov 18 j 15:22	26°♎59'30		
direct	-2343 Nov 24 j 02:36	24°♎37'11		
	-2343 Dec 03 j 23:36	0°♏		
morning max el	-2343 Dec 05 j 07:59	1°♏18'52	24°25'24	
desc. node	-2343 Dec 18 j 21:59	18°♏04'33		
	-2343 Dec 27 j 01:57	0°♐		
morning set	-2342 Jan 10 j 04:53	23°♐01'32		
max. Earth dist.	-2342 Jan 13 j 23:49	29°♐45'23	1.37814 AU	
	-2342 Jan 14 j 03:02	0°♑		
superior conj	-2342 Jan 20 j 20:45	12°♑36'22	-1°-47'-29	
minimum elong	-2342 Jan 20 j 23:44	12°♑50'44	1°47'19	
evening rise	-2342 Jan 29 j 13:11	29°♑43'05		
	-2342 Jan 29 j 16:36	0°♒		
asc. node	-2342 Feb 03 j 13:55	9°♒26'51		
evening max el	-2342 Feb 15 j 06:24	26°♒41'16	19°07'11	
	-2342 Feb 20 j 00:01	0°♓		
retrograde	-2342 Feb 23 j 23:18	0°♓51'29		
evening set	-2342 Feb 26 j 06:38	0°♓35'12		
	-2342 Feb 28 j 03:20	30°℞♒		
inferior conj	-2342 Mar 06 j 09:28	26°♒22'29	2°40'16	
minimum elong	-2342 Mar 06 j 14:13	26°♒14'16	2°39'01	
min. Earth dist.	-2342 Mar 09 j 10:50	24°♒16'51	0.56885 AU	
morning rise	-2342 Mar 14 j 17:48	21°♒24'13		
desc. node	-2342 Mar 16 j 21:04	20°♒44'17		
direct	-2342 Mar 19 j 19:38	20°♒23'45		
morning max el	-2342 Apr 03 j 01:11	27°♒43'22	25°25'39	
	-2342 Apr 05 j 06:42	0°♓		
	-2342 Apr 24 j 23:22	0°♈		
morning set	-2342 Apr 30 j 00:34	10°♈13'10		
asc. node	-2342 May 02 j 13:20	15°♈36'44		
superior conj	-2342 May 07 j 01:34	25°♈25'20	0°45'49	
minimum elong	-2342 May 06 j 23:41	25°♈15'07	0°45'29	
max. Earth dist.	-2342 May 08 j 00:47	27°♈31'46	1.32819 AU	
	-2342 May 09 j 04:07	0°♉		
evening rise	-2342 May 14 j 05:54	10°♉43'58		
	-2342 May 24 j 08:45	0°♊		
desc. node	-2342 Jun 12 j 20:13	27°♊33'43		
evening max el	-2342 Jun 14 j 22:40	29°♊40'15	27°14'07	
	-2342 Jun 15 j 07:02	0°♋		
retrograde	-2342 Jun 28 j 20:12	7°♋01'06		
evening set	-2342 Jul 05 j 21:58	4°♋40'22		
min. Earth dist.	-2342 Jul 09 j 12:27	1°♋51'41	0.61897 AU	
	-2342 Jul 11 j 13:30	30°℞♊		
inferior conj	-2342 Jul 12 j 14:27	29°♊02'11	-4°-14'-16	
minimum elong	-2342 Jul 12 j 17:39	28°♊54'50	4°13'48	
morning rise	-2342 Jul 19 j 16:01	24°♊02'22		
direct	-2342 Jul 22 j 03:41	23°♊35'38		
morning max el	-2342 Jul 28 j 23:59	27°♊01'59	17°57'20	
asc. node	-2342 Jul 29 j 12:34	27°♊33'41		
	-2342 Jul 31 j 15:07	0°♋		
morning set	-2342 Aug 14 j 01:24	22°♋13'35		
	-2342 Aug 18 j 08:31	0°♌		
superior conj	-2342 Aug 24 j 20:09	11°♌26'21	1°27'01	
minimum elong	-2342 Aug 25 j 00:56	11°♌47'00	1°26'37	
max. Earth dist.	-2342 Sep 01 j 03:39	23°♌45'31	1.42582 AU	
	-2342 Sep 04 j 23:56	0°♍		
evening rise	-2342 Sep 08 j 05:26	5°♍07'41		
desc. node	-2342 Sep 08 j 19:36	6°♍03'21		
	-2342 Sep 24 j 17:57	0°♎		
greatest brilliancy	-2342 Oct 05 j 01:03	13°♎56'26	-0.4m	
evening max el	-2342 Oct 09 j 21:20	19°♎27'43	21°48'53	
retrograde	-2342 Oct 18 j 23:43	24°♎52'13		
evening set	-2342 Oct 23 j 06:05	23°♎12'33		
asc. node	-2342 Oct 25 j 11:39	21°♎01'23		
inferior conj	-2342 Oct 28 j 15:22	16°♎54'53	1°04'15	
minimum elong	-2342 Oct 28 j 13:56	16°♎59'52	1°03'37	
min. Earth dist.	-2342 Oct 28 j 19:11	16°♎41'43	0.67423 AU	
morning rise	-2342 Nov 02 j 21:31	10°♎38'39		
direct	-2342 Nov 07 j 17:27	8°♎37'47		
morning max el	-2342 Nov 17 j 17:44	14°♎35'39	22°58'17	
greatest brilliancy	-2342 Nov 22 j 14:01	20°♎01'53	-0.3m	
	-2342 Nov 30 j 04:53	0°♏		
desc. node	-2342 Dec 05 j 19:00	7°♏57'29		
	-2342 Dec 20 j 01:32	0°♐		
morning set	-2342 Dec 22 j 02:27	3°♐20'48		
max. Earth dist.	-2342 Dec 26 j 19:10	11°♐16'08	1.39907 AU	
superior conj	-2341 Jan 03 j 12:46	25°♐00'06	-1°-57'-4	
minimum elong	-2341 Jan 03 j 13:51	25°♐05'03	1°57'07	
	-2341 Jan 06 j 05:36	0°♑		
evening rise	-2341 Jan 13 j 04:28	13°♑11'42		
asc. node	-2341 Jan 21 j 10:56	28°♑22'00		
	-2341 Jan 22 j 10:37	0°♒		
evening max el	-2341 Jan 29 j 09:44	9°♒14'24	18°28'30	
retrograde	-2341 Feb 05 j 22:11	12°♒55'33		
evening set	-2341 Feb 08 j 09:22	12°♒33'02		
inferior conj	-2341 Feb 15 j 19:14	8°♒00'10	3°35'00	
minimum elong	-2341 Feb 15 j 22:28	7°♒53'39	3°34'28	
min. Earth dist.	-2341 Feb 19 j 05:13	5°♒16'52	0.58750 AU	
morning rise	-2341 Feb 23 j 07:56	2°♒35'30		
direct	-2341 Mar 01 j 11:57	0°♒57'26		
desc. node	-2341 Mar 03 j 18:08	1°♒10'22		
morning max el	-2341 Mar 15 j 18:53	8°♒33'27	26°44'09	
	-2341 Apr 01 j 00:27	0°♓		
morning set	-2341 Apr 14 j 11:11	25°♓08'52		
	-2341 Apr 16 j 18:10	0°♈		
asc. node	-2341 Apr 19 j 10:22	5°♈47'28		
superior conj	-2341 Apr 21 j 13:14	10°♈25'52	0°22'10	
minimum elong	-2341 Apr 21 j 12:15	10°♈20'32	0°21'59	
max. Earth dist.	-2341 Apr 21 j 13:33	10°♈27'39	1.32503 AU	
evening rise	-2341 Apr 28 j 13:31	25°♈33'29		
	-2341 Apr 30 j 17:16	0°♉		
	-2341 May 18 j 04:33	0°♊		
evening max el	-2341 May 28 j 00:35	11°♊37'22	26°30'42	
desc. node	-2341 May 30 j 17:14	14°♊00'05		
retrograde	-2341 Jun 11 j 01:41	18°♊54'25		
evening set	-2341 Jun 17 j 14:02	17°♊06'43		
min. Earth dist.	-2341 Jun 21 j 13:53	14°♊27'28	0.59871 AU	
inferior conj	-2341 Jun 24 j 22:25	11°♊46'39	-4°-29'-46	
minimum elong	-2341 Jun 24 j 23:01	11°♊45'29	4°29'43	
morning rise	-2341 Jul 02 j 11:23	7°♊08'57		
direct	-2341 Jul 04 j 22:44	6°♊46'33		
morning max el	-2341 Jul 12 j 10:43	10°♊23'56	18°16'48	
asc. node	-2341 Jul 16 j 09:39	15°♊01'59		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2341 Jul 25 j 08:55	0°♋	
morning set	-2341 Jul 28 j 10:01	5°♋43'33	
superior conj	-2341 Aug 06 j 21:32	23°♋28'07	1°43'31
minimum elong	-2341 Aug 06 j 23:58	23°♋39'13	1°43'27
	-2341 Aug 10 j 12:55	0°♌	
max. Earth dist.	-2341 Aug 14 j 10:09	6°♌44'59	1.40778 AU
evening rise	-2341 Aug 19 j 07:53	14°♌57'28	
desc. node	-2341 Aug 26 j 16:35	26°♌40'45	
	-2341 Aug 28 j 20:32	0°♍	
greatest brilliancy	-2341 Sep 17 j 00:20	26°♍44'24	-0.2m
	-2341 Sep 19 j 18:50	0°♎	
evening max el	-2341 Sep 22 j 12:35	2°♎55'49	23°08'05
retrograde	-2341 Oct 02 j 17:23	8°♎58'11	
evening set	-2341 Oct 07 j 13:20	6°♎59'32	
asc. node	-2341 Oct 12 j 08:44	1°♎24'22	
inferior conj	-2341 Oct 12 j 22:12	0°♎38'06	0°11'36
minimum elong	-2341 Oct 12 j 21:55	0°♎39'03	0°11'28
transit middle	-2341 Oct 12 j 21:55	0°♎39'03	0°11'28
transit begin	-2341 Oct 12 j 20:00	0°♎45'40	
transit end	-2341 Oct 12 j 23:51	0°♎32'26	
min. Earth dist.	-2341 Oct 12 j 15:41	1°♎00'29	0.67517 AU
	-2341 Oct 13 j 09:18	30°℞♍	
morning rise	-2341 Oct 18 j 06:30	24°♍24'55	
direct	-2341 Oct 22 j 12:02	22°♍46'05	
morning max el	-2341 Oct 31 j 08:09	27°♍58'49	21°34'27
	-2341 Nov 02 j 05:26	0°♎	
greatest brilliancy	-2341 Nov 05 j 09:39	3°♎46'59	-0.4m
desc. node	-2341 Nov 22 j 16:02	28°♎10'44	
	-2341 Nov 23 j 20:53	0°♏	
morning set	-2341 Dec 01 j 19:15	12°♏17'58	
max. Earth dist.	-2341 Dec 08 j 20:05	23°♏40'20	1.41912 AU
	-2341 Dec 12 j 14:55	0°♐	
superior conj	-2341 Dec 16 j 07:53	6°♐21'13	-1°-55'-9
minimum elong	-2341 Dec 16 j 05:22	6°♐10'18	1°55'08
evening rise	-2341 Dec 27 j 07:29	26°♐01'36	
	-2341 Dec 29 j 11:43	0°♑	
asc. node	-2340 Jan 08 j 07:56	16°♑41'05	
evening max el	-2340 Jan 12 j 18:57	22°♑11'04	18°09'48
retrograde	-2340 Jan 19 j 14:30	25°♑39'05	
evening set	-2340 Jan 22 j 05:07	25°♑09'06	
inferior conj	-2340 Jan 29 j 00:43	20°♑14'01	3°56'42
minimum elong	-2340 Jan 29 j 01:22	20°♑12'29	3°56'37
min. Earth dist.	-2340 Feb 01 j 05:25	17°♑16'58	0.60801 AU
morning rise	-2340 Feb 04 j 18:55	14°♑30'41	
direct	-2340 Feb 11 j 15:00	12°♑16'16	
desc. node	-2340 Feb 18 j 15:12	14°♑22'23	
morning max el	-2340 Feb 25 j 18:41	20°♑00'10	27°32'16
	-2340 Mar 05 j 08:50	0°♒	
	-2340 Mar 23 j 19:24	0°♓	
morning set	-2340 Mar 28 j 18:31	9°♓52'53	
max. Earth dist.	-2340 Apr 04 j 02:16	23°♓21'03	1.32538 AU
superior conj	-2340 Apr 05 j 00:34	25°♓22'47	0°-2'-59
minimum elong	-2340 Apr 05 j 00:42	25°♓23'31	0°02'58
behind sun begin	-2340 Apr 04 j 19:44	24°♓56'21	
behind sun end	-2340 Apr 05 j 05:41	25°♓50'41	
asc. node	-2340 Apr 05 j 07:23	26°♓00'02	
	-2340 Apr 07 j 03:17	0°♈	
evening rise	-2340 Apr 12 j 00:09	10°♈29'31	
	-2340 Apr 22 j 01:56	0°♉	
evening max el	-2340 May 08 j 19:55	22°♉51'06	25°18'20
desc. node	-2340 May 16 j 14:16	28°♉29'37	
	-2340 May 22 j 05:41	0°♊	
retrograde	-2340 May 22 j 21:02	0°♊00'58	
	-2340 May 23 j 12:23	30°℞♉	
evening set	-2340 May 28 j 07:44	28°♉51'55	
min. Earth dist.	-2340 Jun 02 j 07:56	26°♉04'58	0.57868 AU
inferior conj	-2340 Jun 05 j 11:46	23°♉54'05	-4°-17'-26
minimum elong	-2340 Jun 05 j 08:25	23°♉59'56	4°17'02
morning rise	-2340 Jun 13 j 13:02	19°♉38'17	
direct	-2340 Jun 16 j 01:13	19°♉19'09	
morning max el	-2340 Jun 24 j 14:47	23°♉20'05	18°56'40
	-2340 Jun 30 j 03:02	0°♊	
asc. node	-2340 Jul 02 j 06:43	3°♊19'39	
morning set	-2340 Jul 11 j 05:20	19°♊46'20	
	-2340 Jul 16 j 10:06	0°♋	
superior conj	-2340 Jul 19 j 18:38	6°♋29'46	1°48'31
minimum elong	-2340 Jul 19 j 18:44	6°♋30'14	1°48'34
max. Earth dist.	-2340 Jul 26 j 12:58	19°♋02'45	1.38800 AU
evening rise	-2340 Jul 30 j 11:50	26°♋00'01	
	-2340 Aug 01 j 20:10	0°♌	
desc. node	-2340 Aug 12 j 13:35	17°♌07'39	
	-2340 Aug 21 j 11:27	0°♍	
evening max el	-2340 Sep 04 j 00:29	16°♍26'17	24°28'01
retrograde	-2340 Sep 15 j 07:23	23°♍02'40	
evening set	-2340 Sep 20 j 18:11	20°♍45'01	
min. Earth dist.	-2340 Sep 25 j 11:08	15°♍20'16	0.67300 AU
inferior conj	-2340 Sep 26 j 04:06	14°♍23'25	0°-42'-37
minimum elong	-2340 Sep 26 j 05:07	14°♍19'59	0°42'11
asc. node	-2340 Sep 28 j 05:49	11°♍41'45	
morning rise	-2340 Oct 01 j 16:22	8°♍16'13	
direct	-2340 Oct 05 j 09:09	6°♍57'43	
morning max el	-2340 Oct 13 j 05:46	11°♍31'20	20°20'09
greatest brilliancy	-2340 Oct 19 j 21:34	19°♍34'07	-0.6m
	-2340 Oct 27 j 05:38	0°♎	
desc. node	-2340 Nov 08 j 13:03	18°♎38'01	
morning set	-2340 Nov 09 j 17:46	20°♎29'00	
	-2340 Nov 15 j 19:52	0°♏	
max. Earth dist.	-2340 Nov 20 j 04:52	6°♏57'53	1.43535 AU
superior conj	-2340 Nov 26 j 00:53	16°♏27'28	-1°-37'-40
minimum elong	-2340 Nov 25 j 18:20	16°♏00'30	1°37'12
	-2340 Dec 04 j 02:03	0°♐	
evening rise	-2340 Dec 08 j 18:07	8°♐04'25	
	-2340 Dec 21 j 22:32	0°♑	
asc. node	-2340 Dec 25 j 04:58	4°♑13'17	
evening max el	-2340 Dec 26 j 07:06	5°♑23'18	18°10'38
retrograde	-2339 Jan 01 j 19:56	8°♑51'35	
evening set	-2339 Jan 04 j 14:03	8°♑13'18	
inferior conj	-2339 Jan 10 j 22:26	2°♑57'06	3°53'44
minimum elong	-2339 Jan 10 j 20:59	3°♑00'56	3°53'33
min. Earth dist.	-2339 Jan 13 j 14:32	0°♑08'50	0.62741 AU
	-2339 Jan 13 j 18:02	30°℞♐	
morning rise	-2339 Jan 17 j 02:01	27°♐00'53	
direct	-2339 Jan 24 j 02:52	24°♐20'57	
desc. node	-2339 Feb 04 j 12:16	29°♐49'00	
	-2339 Feb 04 j 17:20	0°♑	
morning max el	-2339 Feb 07 j 00:27	2°♑08'32	27°44'11
	-2339 Feb 27 j 15:00	0°♒	
morning set	-2339 Mar 12 j 20:28	24°♒18'04	
	-2339 Mar 15 j 15:09	0°♓	
max. Earth dist.	-2339 Mar 18 j 11:01	5°♓58'22	1.32938 AU
superior conj	-2339 Mar 20 j 09:57	10°♓10'33	0°-28'-45
minimum elong	-2339 Mar 20 j 11:17	10°♓17'42	0°28'31
asc. node	-2339 Mar 23 j 04:23	16°♓10'18	
evening rise	-2339 Mar 27 j 11:55	25°♓25'29	
	-2339 Mar 29 j 16:44	0°♈	
	-2339 Apr 17 j 02:00	0°♉	
evening max el	-2339 Apr 20 j 11:17	3°♉35'23	23°47'50
desc. node	-2339 May 03 j 11:19	10°♉26'20	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

retrograde	-2339 May 04 j 04:36	10°♉27'31	
evening set	-2339 May 08 j 06:06	9°♉51'00	
min. Earth dist.	-2339 May 14 j 22:19	6°♉41'58	0.56212 AU
inferior conj	-2339 May 17 j 04:59	5°♉18'55	-3°-26'-17
minimum elong	-2339 May 16 j 22:38	5°♉28'36	3°24'47
morning rise	-2339 May 25 j 18:56	1°♉19'36	
direct	-2339 May 28 j 08:26	1°♉02'51	
morning max el	-2339 Jun 07 j 09:41	5°♉42'02	19°57'10
asc. node	-2339 Jun 19 j 03:47	22°♉15'18	
	-2339 Jun 23 j 05:26	0°♊	
morning set	-2339 Jun 25 j 08:11	4°♊13'42	
superior conj	-2339 Jul 03 j 06:06	20°♊16'17	1°44'33
minimum elong	-2339 Jul 03 j 04:33	20°♊08'32	1°44'32
	-2339 Jul 08 j 05:37	0°♋	
max. Earth dist.	-2339 Jul 08 j 16:46	0°♋53'01	1.36907 AU
evening rise	-2339 Jul 12 j 15:37	8°♋12'55	
	-2339 Jul 25 j 14:27	0°♌	
desc. node	-2339 Jul 30 j 10:35	7°♌18'34	
	-2339 Aug 17 j 11:41	0°♍	
evening max el	-2339 Aug 17 j 11:24	29°♌59'16	25°41'21
retrograde	-2339 Aug 29 j 17:05	7°♍01'17	
evening set	-2339 Sep 04 j 18:49	4°♍27'16	
	-2339 Sep 08 j 20:38	30°℞♌	
min. Earth dist.	-2339 Sep 09 j 03:12	29°♌39'12	0.66756 AU
inferior conj	-2339 Sep 10 j 07:21	28°♌09'07	-1°-36'-47
minimum elong	-2339 Sep 10 j 09:41	28°♌01'39	1°35'49
asc. node	-2339 Sep 15 j 02:55	22°♌50'33	
morning rise	-2339 Sep 16 j 01:14	22°♌10'54	
direct	-2339 Sep 19 j 07:23	21°♌09'36	
morning max el	-2339 Sep 26 j 10:45	25°♌13'05	19°19'15
	-2339 Sep 30 j 12:33	0°♍	
greatest brilliancy	-2339 Oct 06 j 15:03	8°♍36'40	-0.7m
morning set	-2339 Oct 19 j 21:10	29°♍01'51	
	-2339 Oct 20 j 12:04	0°♎	
desc. node	-2339 Oct 26 j 10:03	9°♎14'56	
max. Earth dist.	-2339 Nov 02 j 19:32	20°♎52'30	1.44575 AU
superior conj	-2339 Nov 05 j 15:30	25°♎21'52	-1°-2'-43
minimum elong	-2339 Nov 05 j 08:24	24°♎53'38	1°01'56
	-2339 Nov 08 j 13:13	0°♏	
evening rise	-2339 Nov 20 j 07:50	19°♏11'19	
	-2339 Nov 26 j 20:34	0°♐	
evening max el	-2339 Dec 09 j 19:26	18°♐44'20	18°30'09
asc. node	-2339 Dec 12 j 02:02	20°♐44'52	
retrograde	-2339 Dec 16 j 10:00	22°♐23'38	
evening set	-2339 Dec 19 j 08:36	21°♐35'47	
inferior conj	-2339 Dec 25 j 08:27	16°♐00'45	3°33'25
minimum elong	-2339 Dec 25 j 05:48	16°♐08'29	3°32'53
min. Earth dist.	-2339 Dec 27 j 09:38	13°♐37'30	0.64404 AU
morning rise	-2339 Dec 31 j 01:41	9°♐55'36	
direct	-2338 Jan 06 j 22:18	7°♐04'53	
morning max el	-2338 Jan 20 j 09:32	14°♐49'28	27°20'39
desc. node	-2338 Jan 22 j 09:20	16°♐53'28	
	-2338 Feb 01 j 20:20	0°♑	
	-2338 Feb 20 j 06:24	0°♒	
morning set	-2338 Feb 24 j 14:08	8°♒13'50	
max. Earth dist.	-2338 Mar 01 j 11:32	18°♒04'44	1.33743 AU
superior conj	-2338 Mar 04 j 15:26	24°♒41'45	0°-54'-10
minimum elong	-2338 Mar 04 j 17:52	24°♒54'38	0°53'47
	-2338 Mar 07 j 03:17	0°♓	
asc. node	-2338 Mar 10 j 01:24	6°♓13'35	
evening rise	-2338 Mar 11 j 22:56	10°♓13'44	
	-2338 Mar 22 j 08:11	0°♈	
evening max el	-2338 Apr 02 j 04:53	14°♈16'49	22°13'36
retrograde	-2338 Apr 15 j 00:13	20°♈32'06	
evening set	-2338 Apr 17 j 21:02	20°♈13'56	
desc. node	-2338 Apr 20 j 08:23	19°♈31'15	
min. Earth dist.	-2338 Apr 26 j 12:02	16°♈30'29	0.55240 AU
inferior conj	-2338 Apr 27 j 05:35	16°♈05'40	-1°-53'-27
minimum elong	-2338 Apr 27 j 00:35	16°♈12'45	1°51'49
morning rise	-2338 May 06 j 05:52	12°♈09'22	
direct	-2338 May 08 j 23:59	11°♈52'12	
morning max el	-2338 May 20 j 17:45	17°♈22'27	21°17'01
	-2338 May 30 j 13:32	0°♉	
asc. node	-2338 Jun 06 j 00:49	11°♉38'56	
morning set	-2338 Jun 09 j 16:03	18°♉58'11	
	-2338 Jun 14 j 22:52	0°♊	
superior conj	-2338 Jun 17 j 03:36	4°♊34'24	1°33'50
minimum elong	-2338 Jun 17 j 01:11	4°♊21'55	1°33'39
max. Earth dist.	-2338 Jun 21 j 03:30	12°♊42'38	1.35289 AU
evening rise	-2338 Jun 25 j 14:15	21°♊22'50	
	-2338 Jun 30 j 06:34	0°♋	
desc. node	-2338 Jul 17 j 07:38	27°♋06'12	
	-2338 Jul 19 j 10:23	0°♌	
evening max el	-2338 Jul 30 j 22:47	13°♌30'57	26°40'10
retrograde	-2338 Aug 12 j 21:55	20°♌47'37	
evening set	-2338 Aug 19 j 13:01	18°♌03'16	
min. Earth dist.	-2338 Aug 23 j 13:34	13°♌53'20	0.65860 AU
inferior conj	-2338 Aug 25 j 06:00	11°♌52'13	-2°-29'00
minimum elong	-2338 Aug 25 j 09:27	11°♌41'51	2°27'45
morning rise	-2338 Aug 31 j 07:01	6°♌06'05	
asc. node	-2338 Sep 02 j 00:01	5°♌26'34	
direct	-2338 Sep 03 j 04:57	5°♌18'23	
morning max el	-2338 Sep 09 j 21:33	9°♌00'37	18°33'59
	-2338 Sep 24 j 13:28	0°♍	
morning set	-2338 Sep 30 j 00:22	8°♍47'21	
desc. node	-2338 Oct 13 j 07:05	29°♍58'00	
	-2338 Oct 13 j 07:35	0°♎	
superior conj	-2338 Oct 15 j 15:43	3°♎41'17	0°-15'-8
minimum elong	-2338 Oct 15 j 13:43	3°♎33'22	0°14'54
behind sun begin	-2338 Oct 15 j 09:02	3°♎14'56	
behind sun end	-2338 Oct 15 j 18:23	3°♎51'48	
max. Earth dist.	-2338 Oct 16 j 13:18	5°♎06'14	1.44913 AU
evening rise	-2338 Oct 31 j 21:22	29°♎16'59	
	-2338 Nov 01 j 08:14	0°♏	
	-2338 Nov 21 j 07:01	0°♐	
evening max el	-2338 Nov 23 j 05:33	2°♐10'17	19°07'08
asc. node	-2338 Nov 28 j 23:07	6°♐00'58	
retrograde	-2338 Nov 30 j 05:00	6°♐09'40	
evening set	-2338 Dec 03 j 09:50	5°♐10'15	
	-2338 Dec 08 j 14:20	30°℞♏	
inferior conj	-2338 Dec 09 j 03:21	29°♏19'10	3°01'02
minimum elong	-2338 Dec 09 j 00:20	29°♏28'40	3°00'10
min. Earth dist.	-2338 Dec 10 j 14:01	27°♏30'01	0.65714 AU
morning rise	-2338 Dec 14 j 13:55	23°♏07'55	
direct	-2338 Dec 21 j 00:06	20°♏20'34	
morning max el	-2337 Jan 02 j 19:06	27°♏50'44	26°27'29
	-2337 Jan 04 j 20:35	0°♐	
desc. node	-2337 Jan 09 j 06:24	5°♐07'35	
	-2337 Jan 26 j 13:18	0°♑	
morning set	-2337 Feb 07 j 19:49	21°♑28'37	
max. Earth dist.	-2337 Feb 12 j 00:43	29°♑34'55	1.34999 AU
	-2337 Feb 12 j 05:47	0°♒	
superior conj	-2337 Feb 16 j 14:47	8°♒49'37	-1°-17'-56
minimum elong	-2337 Feb 16 j 18:01	9°♒06'15	1°17'31
evening rise	-2337 Feb 24 j 07:26	24°♒48'21	
asc. node	-2337 Feb 24 j 22:25	26°♒05'24	
	-2337 Feb 26 j 20:45	0°♓	
evening max el	-2337 Mar 15 j 06:47	25°♓21'45	20°47'58

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2337 Mar 22 j 07:19	0°♈	
retrograde	-2337 Mar 26 j 13:21	0°♈45'29	
evening set	-2337 Mar 28 j 20:30	0°♈32'56	
	-2337 Mar 31 j 00:08	30°℞♓	
inferior conj	-2337 Apr 07 j 00:28	26°♓35'33	0°03'31
minimum elong	-2337 Apr 07 j 00:38	26°♓35'19	0°03'27
transit middle	-2337 Apr 07 j 00:38	26°♓35'19	0°03'27
transit begin	-2337 Apr 06 j 20:39	26°♓41'02	
transit end	-2337 Apr 07 j 04:36	26°♓29'37	
desc. node	-2337 Apr 07 j 05:27	26°♓28'24	
min. Earth dist.	-2337 Apr 08 j 01:59	25°♓59'00	0.55182 AU
morning rise	-2337 Apr 16 j 03:23	22°♓24'19	
direct	-2337 Apr 19 j 11:45	21°♓59'57	
morning max el	-2337 May 02 j 15:33	28°♓22'32	22°51'38
	-2337 May 04 j 06:46	0°♈	
	-2337 May 23 j 05:35	0°♉	
asc. node	-2337 May 23 j 21:51	1°♉23'16	
morning set	-2337 May 25 j 02:54	3°♉53'49	
superior conj	-2337 Jun 01 j 07:56	19°♉14'14	1°18'02
minimum elong	-2337 Jun 01 j 05:20	19°♉00'25	1°17'43
max. Earth dist.	-2337 Jun 04 j 00:16	24°♉53'25	1.34039 AU
	-2337 Jun 06 j 11:45	0°♊	
evening rise	-2337 Jun 09 j 02:44	5°♊15'29	
	-2337 Jun 22 j 23:03	0°♋	
desc. node	-2337 Jul 04 j 04:40	16°♋20'15	
evening max el	-2337 Jul 13 j 10:23	26°♋52'04	27°16'39
	-2337 Jul 17 j 00:35	0°♌	
retrograde	-2337 Jul 26 j 21:09	4°♌13'34	
evening set	-2337 Aug 02 j 22:01	1°♌28'19	
	-2337 Aug 04 j 14:47	30°℞♋	
min. Earth dist.	-2337 Aug 06 j 15:55	27°♋55'28	0.64600 AU
inferior conj	-2337 Aug 08 j 21:43	25°♋27'54	-3°-16'-51
minimum elong	-2337 Aug 09 j 01:51	25°♋16'32	3°15'40
morning rise	-2337 Aug 15 j 07:17	19°♋57'08	
direct	-2337 Aug 17 j 23:30	19°♋19'36	
asc. node	-2337 Aug 19 j 21:05	19°♋38'33	
morning max el	-2337 Aug 24 j 11:51	22°♋48'50	18°05'34
	-2337 Aug 30 j 03:23	0°♌	
morning set	-2337 Sep 11 j 07:25	19°♌53'37	
	-2337 Sep 17 j 08:27	0°♍	
superior conj	-2337 Sep 24 j 23:26	12°♍26'33	0°33'10
minimum elong	-2337 Sep 25 j 03:13	12°♍41'47	0°32'41
max. Earth dist.	-2337 Sep 29 j 07:24	19°♍21'36	1.44521 AU
desc. node	-2337 Sep 30 j 04:05	20°♍43'32	
	-2337 Oct 06 j 01:51	0°♎	
evening rise	-2337 Oct 11 j 12:39	8°♎27'47	
	-2337 Oct 25 j 15:55	0°♏	
greatest brilliancy	-2337 Oct 30 j 06:33	6°♏39'06	-0.6m
evening max el	-2337 Nov 06 j 11:20	15°♏37'33	19°59'56
retrograde	-2337 Nov 14 j 02:09	20°♏05'01	
asc. node	-2337 Nov 15 j 20:11	19°♏47'18	
evening set	-2337 Nov 17 j 15:15	18°♏51'41	
inferior conj	-2337 Nov 23 j 04:18	12°♏47'32	2°20'08
minimum elong	-2337 Nov 23 j 01:33	12°♏56'38	2°19'10
min. Earth dist.	-2337 Nov 24 j 01:49	11°♏36'00	0.66652 AU
morning rise	-2337 Nov 28 j 11:15	6°♏32'34	
direct	-2337 Dec 04 j 07:24	3°♏59'12	
morning max el	-2337 Dec 16 j 03:49	11°♏01'27	25°13'30
desc. node	-2337 Dec 27 j 03:27	24°♏10'35	
	-2337 Dec 31 j 08:15	0°♐	
	-2336 Jan 19 j 05:12	0°♑	
morning set	-2336 Jan 21 j 08:29	3°♑47'43	
max. Earth dist.	-2336 Jan 25 j 02:39	10°♑40'46	1.36692 AU
superior conj	-2336 Jan 31 j 05:08	22°♑25'40	-1°-38'-16
minimum elong	-2336 Jan 31 j 08:31	22°♑42'23	1°37'59
	-2336 Feb 03 j 23:57	0°♒	
evening rise	-2336 Feb 08 j 11:17	9°♒03'03	
asc. node	-2336 Feb 11 j 19:28	15°♒40'34	
	-2336 Feb 20 j 01:05	0°♓	
evening max el	-2336 Feb 25 j 19:26	7°♓02'19	19°38'26
retrograde	-2336 Mar 06 j 09:01	11°♓35'55	
evening set	-2336 Mar 08 j 14:53	11°♓21'59	
inferior conj	-2336 Mar 17 j 03:53	7°♓18'02	1°51'54
minimum elong	-2336 Mar 17 j 08:06	7°♓11'21	1°50'35
min. Earth dist.	-2336 Mar 19 j 16:21	5°♓42'36	0.56046 AU
desc. node	-2336 Mar 24 j 02:30	3°♓19'30	
morning rise	-2336 Mar 25 j 21:52	2°♓38'22	
direct	-2336 Mar 30 j 07:14	1°♓55'11	
morning max el	-2336 Apr 13 j 07:06	8°♓57'57	24°31'31
	-2336 Apr 28 j 19:45	0°♈	
morning set	-2336 May 08 j 15:01	18°♈55'10	
asc. node	-2336 May 09 j 18:53	21°♈22'25	
	-2336 May 13 j 18:56	0°♉	
superior conj	-2336 May 15 j 16:40	4°♉08'07	0°58'27
minimum elong	-2336 May 15 j 14:24	3°♉55'53	0°58'05
max. Earth dist.	-2336 May 17 j 06:00	7°♉29'40	1.33163 AU
evening rise	-2336 May 23 j 01:02	19°♉38'42	
	-2336 May 28 j 08:08	0°♊	
	-2336 Jun 16 j 04:23	0°♋	
desc. node	-2336 Jun 20 j 01:41	4°♋46'44	
evening max el	-2336 Jun 24 j 20:06	9°♋49'56	27°24'19
retrograde	-2336 Jul 08 j 14:08	17°♋11'01	
evening set	-2336 Jul 15 j 18:26	14°♋37'16	
min. Earth dist.	-2336 Jul 19 j 08:31	11°♋35'50	0.62979 AU
inferior conj	-2336 Jul 22 j 03:47	8°♋50'30	-3°-56'-50
minimum elong	-2336 Jul 22 j 07:42	8°♋40'49	3°56'02
morning rise	-2336 Jul 28 j 23:10	3°♋38'32	
direct	-2336 Jul 31 j 12:01	3°♋08'23	
asc. node	-2336 Aug 05 j 18:09	5°♋18'56	
morning max el	-2336 Aug 07 j 03:02	6°♋32'50	17°55'00
	-2336 Aug 22 j 09:11	0°♌	
morning set	-2336 Aug 23 j 14:06	2°♌07'47	
superior conj	-2336 Sep 04 j 07:26	22°♌24'53	1°11'21
minimum elong	-2336 Sep 04 j 12:54	22°♌47'48	1°10'47
	-2336 Sep 08 j 21:23	0°♍	
max. Earth dist.	-2336 Sep 10 j 22:40	3°♍20'14	1.43455 AU
desc. node	-2336 Sep 16 j 01:06	11°♍28'40	
evening rise	-2336 Sep 19 j 17:53	17°♍15'42	
	-2336 Sep 28 j 02:13	0°♎	
greatest brilliancy	-2336 Oct 14 j 01:42	22°♎45'08	-0.5m
evening max el	-2336 Oct 19 j 11:18	29°♎04'24	21°06'05
	-2336 Oct 20 j 09:45	0°♏	
retrograde	-2336 Oct 27 j 23:16	4°♏06'45	
evening set	-2336 Oct 31 j 22:49	2°♏37'05	
asc. node	-2336 Nov 01 j 17:15	1°♏58'56	
	-2336 Nov 03 j 14:37	30°℞♎	
inferior conj	-2336 Nov 06 j 09:01	26°♎23'13	1°33'13
minimum elong	-2336 Nov 06 j 07:00	26°♎30'06	1°32'24
min. Earth dist.	-2336 Nov 06 j 18:54	25°♎49'20	0.67237 AU
morning rise	-2336 Nov 11 j 14:51	20°♎06'51	
direct	-2336 Nov 16 j 19:32	17°♎53'34	
morning max el	-2336 Nov 27 j 12:34	24°♎16'36	23°48'29
	-2336 Dec 02 j 15:23	0°♏	
desc. node	-2336 Dec 13 j 00:29	13°♏48'20	
	-2336 Dec 23 j 19:29	0°♐	
morning set	-2335 Jan 01 j 22:02	14°♐54'50	
max. Earth dist.	-2335 Jan 05 j 22:37	21°♐54'13	1.38701 AU
	-2335 Jan 10 j 10:11	0°♑	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2335 Jan 13 j 06:40	5°♑19'22	-1°-52'-42	
minimum elong	-2335 Jan 13 j 09:03	5°♑30'37	1°52'38	
evening rise	-2335 Jan 22 j 08:02	22°♑50'59		
	-2335 Jan 26 j 01:04	0°♒		
asc. node	-2335 Jan 28 j 16:29	4°♒52'40		
evening max el	-2335 Feb 07 j 18:00	19°♒17'48	18°48'11	
retrograde	-2335 Feb 15 j 21:25	23°♒13'57		
evening set	-2335 Feb 18 j 06:23	22°♒55'12		
inferior conj	-2335 Feb 26 j 01:41	18°♒33'59	3°08'01	
minimum elong	-2335 Feb 26 j 06:05	18°♒25'53	3°07'02	
min. Earth dist.	-2335 Mar 01 j 08:34	16°♒09'58	0.57631 AU	
morning rise	-2335 Mar 06 j 01:53	13°♒23'38		
desc. node	-2335 Mar 10 j 23:34	12°♒09'17		
direct	-2335 Mar 11 j 15:33	12°♒08'11		
morning max el	-2335 Mar 25 j 22:41	19°♒35'40	26°02'14	
	-2335 Apr 03 j 18:39	0°♓		
	-2335 Apr 21 j 05:17	0°♈		
morning set	-2335 Apr 23 j 02:41	3°♈55'01		
asc. node	-2335 Apr 26 j 15:54	11°♈30'21		
superior conj	-2335 Apr 30 j 03:45	19°♈08'06	0°36'02	
minimum elong	-2335 Apr 30 j 02:14	18°♈59'46	0°35'44	
max. Earth dist.	-2335 Apr 30 j 17:16	20°♈21'59	1.32643 AU	
	-2335 May 05 j 04:14	0°♉		
evening rise	-2335 May 07 j 05:58	4°♉21'00		
	-2335 May 21 j 02:03	0°♊		
desc. node	-2335 Jun 06 j 22:41	22°♊04'37		
evening max el	-2335 Jun 07 j 01:14	22°♊10'44	26°59'28	
retrograde	-2335 Jun 21 j 00:13	29°♊30'02		
evening set	-2335 Jun 27 j 22:04	27°♊21'44		
min. Earth dist.	-2335 Jul 01 j 14:52	24°♊39'32	0.61055 AU	
inferior conj	-2335 Jul 04 j 20:48	21°♊51'05	-4°-23'-33	
minimum elong	-2335 Jul 04 j 23:06	21°♊46'05	4°23'18	
morning rise	-2335 Jul 12 j 03:07	17°♊00'46		
direct	-2335 Jul 14 j 14:35	16°♊35'58		
morning max el	-2335 Jul 21 j 16:15	20°♊05'14	18°03'14	
asc. node	-2335 Jul 23 j 15:12	22°♊12'04		
	-2335 Jul 29 j 01:34	0°♋		
morning set	-2335 Aug 06 j 14:37	15°♋13'21		
	-2335 Aug 14 j 16:20	0°♌		
superior conj	-2335 Aug 16 j 18:51	3°♌44'46	1°35'35	
minimum elong	-2335 Aug 16 j 22:43	4°♌01'52	1°35'20	
max. Earth dist.	-2335 Aug 24 j 08:20	16°♌43'36	1.41851 AU	
evening rise	-2335 Aug 30 j 08:00	26°♌29'51		
	-2335 Sep 01 j 12:59	0°♍		
desc. node	-2335 Sep 02 j 22:05	2°♍09'46		
	-2335 Sep 21 j 21:57	0°♎		
greatest brilliancy	-2335 Sep 27 j 11:31	7°♎10'55	-0.3m	
evening max el	-2335 Oct 02 j 05:16	12°♎30'57	22°22'01	
retrograde	-2335 Oct 11 j 18:43	18°♎12'04		
evening set	-2335 Oct 16 j 06:42	16°♎24'13		
asc. node	-2335 Oct 19 j 14:19	12°♎50'42		
inferior conj	-2335 Oct 21 j 15:35	10°♎04'15	0°42'11	
minimum elong	-2335 Oct 21 j 14:37	10°♎07'36	0°41'46	
min. Earth dist.	-2335 Oct 21 j 14:54	10°♎06'40	0.67496 AU	
morning rise	-2335 Oct 26 j 22:26	3°♎49'03		
direct	-2335 Oct 31 j 11:58	1°♎57'54		
morning max el	-2335 Nov 10 j 00:06	7°♎36'30	22°21'53	
greatest brilliancy	-2335 Nov 14 j 16:19	12°♎52'23	-0.3m	
	-2335 Nov 27 j 06:42	0°♏		
desc. node	-2335 Nov 29 j 21:32	3°♏50'54		
morning set	-2335 Dec 13 j 07:15	24°♏38'40		
	-2335 Dec 16 j 13:37	0°♐		
max. Earth dist.	-2335 Dec 18 j 19:59	3°♐47'29	1.40782 AU	
superior conj	-2335 Dec 26 j 14:31	17°♐18'26	-1°-57'-54	
minimum elong	-2335 Dec 26 j 14:16	17°♐17'17	1°57'59	
	-2334 Jan 02 j 12:45	0°♑		
evening rise	-2334 Jan 05 j 18:39	6°♑04'56		
asc. node	-2334 Jan 15 j 13:32	23°♑34'21		
	-2334 Jan 20 j 03:07	0°♒		
evening max el	-2334 Jan 22 j 00:12	2°♒02'22	18°18'07	
retrograde	-2334 Jan 29 j 04:21	5°♒36'34		
evening set	-2334 Jan 31 j 16:52	5°♒11'08		
inferior conj	-2334 Feb 07 j 20:18	0°♒28'53	3°47'44	
minimum elong	-2334 Feb 07 j 22:27	0°♒24'15	3°47'29	
	-2334 Feb 08 j 09:43	30°℞♑		
min. Earth dist.	-2334 Feb 11 j 05:19	27°♑36'32	0.59611 AU	
morning rise	-2334 Feb 15 j 00:43	24°♑55'01		
direct	-2334 Feb 21 j 12:43	23°♑00'44		
desc. node	-2334 Feb 25 j 20:38	23°♑48'49		
	-2334 Mar 07 j 01:48	0°♒		
morning max el	-2334 Mar 07 j 19:08	0°♒41'33	27°08'51	
	-2334 Mar 28 j 18:30	0°♓		
morning set	-2334 Apr 07 j 12:10	18°♓47'15		
	-2334 Apr 12 j 18:06	0°♈		
asc. node	-2334 Apr 13 j 12:55	1°♈42'43		
superior conj	-2334 Apr 14 j 15:31	4°♈08'18	0°11'40	
minimum elong	-2334 Apr 14 j 15:00	4°♈05'26	0°11'33	
behind sun begin	-2334 Apr 14 j 11:34	3°♈46'37		
behind sun end	-2334 Apr 14 j 18:26	4°♈24'15		
max. Earth dist.	-2334 Apr 14 j 06:27	3°♈18'40	1.32473 AU	
evening rise	-2334 Apr 21 j 15:07	19°♈14'21		
	-2334 Apr 26 j 23:04	0°♉		
	-2334 May 16 j 08:57	0°♊		
evening max el	-2334 May 20 j 00:04	3°♊48'10	26°02'49	
desc. node	-2334 May 24 j 19:42	7°♊45'50		
retrograde	-2334 Jun 03 j 01:59	11°♊03'45		
evening set	-2334 Jun 09 j 04:47	9°♊32'09		
min. Earth dist.	-2334 Jun 13 j 12:45	6°♊51'40	0.59000 AU	
inferior conj	-2334 Jun 16 j 21:11	4°♊20'41	-4°-28'-38	
minimum elong	-2334 Jun 16 j 20:11	4°♊22'35	4°28'33	
	-2334 Jun 24 j 05:38	30°℞♉		
morning rise	-2334 Jun 24 j 15:20	29°♉52'51		
direct	-2334 Jun 27 j 02:49	29°♉32'05		
	-2334 Jun 29 j 21:53	0°♊		
morning max el	-2334 Jul 05 j 00:35	3°♊17'46	18°31'14	
asc. node	-2334 Jul 10 j 12:15	10°♊02'55		
morning set	-2334 Jul 21 j 04:11	28°♊58'02		
	-2334 Jul 21 j 17:03	0°♋		
superior conj	-2334 Jul 30 j 05:19	16°♋14'04	1°46'53	
minimum elong	-2334 Jul 30 j 06:42	16°♋20'30	1°46'54	
max. Earth dist.	-2334 Aug 06 j 12:19	29°♋22'30	1.39938 AU	
	-2334 Aug 06 j 20:57	0°♌		
evening rise	-2334 Aug 10 j 21:01	6°♌49'26		
desc. node	-2334 Aug 20 j 19:04	22°♌43'06		
	-2334 Aug 25 j 15:19	0°♍		
evening max el	-2334 Sep 14 j 18:38	25°♍59'13	23°42'29	
	-2334 Sep 19 j 10:38	0°♎		
retrograde	-2334 Sep 25 j 11:04	2°♎17'39		
evening set	-2334 Sep 30 j 13:08	0°♎10'50		
	-2334 Sep 30 j 18:10	30°℞♍		
inferior conj	-2334 Oct 05 j 22:14	23°♍48'39	0°-11'-19	
minimum elong	-2334 Oct 05 j 22:30	23°♍47'44	0°11'13	
transit middle	-2334 Oct 05 j 22:30	23°♍47'44	0°11'13	
transit begin	-2334 Oct 05 j 20:32	23°♍54'28		
transit end	-2334 Oct 06 j 00:29	23°♍41'00		
min. Earth dist.	-2334 Oct 05 j 11:20	24°♍25'51	0.67454 AU	
asc. node	-2334 Oct 06 j 11:24	23°♍03'50		
morning rise	-2334 Oct 11 j 08:00	17°♍37'26		
direct	-2334 Oct 15 j 07:46	16°♍07'39		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning max el	-2334 Oct 23 j 17:25	21°♍03'23	21°01'22
greatest brilliancy	-2334 Oct 29 j 08:28	27°♍38'10	-0.5m
	-2334 Oct 31 j 03:40	0°♎	
desc. node	-2334 Nov 16 j 18:32	24°♎10'32	
	-2334 Nov 20 j 13:25	0°♏	
morning set	-2334 Nov 22 j 13:58	3°♏08'58	
max. Earth dist.	-2334 Nov 30 j 23:38	16°♏33'05	1.42654 AU
superior conj	-2334 Dec 07 j 22:59	28°♏08'27	-1°-49'-51
minimum elong	-2334 Dec 07 j 18:38	27°♏50'01	1°49'41
	-2334 Dec 09 j 01:12	0°♐	
evening rise	-2334 Dec 19 j 15:13	18°♐35'35	
	-2334 Dec 26 j 01:25	0°♑	
asc. node	-2333 Jan 02 j 10:36	11°♑35'14	
evening max el	-2333 Jan 05 j 11:02	15°♑06'42	18°07'54
retrograde	-2333 Jan 12 j 02:40	18°♑33'18	
evening set	-2333 Jan 14 j 18:39	18°♑00'01	
inferior conj	-2333 Jan 21 j 09:10	12°♑56'07	3°57'55
minimum elong	-2333 Jan 21 j 08:50	12°♑56'57	3°57'52
min. Earth dist.	-2333 Jan 24 j 09:14	10°♑00'01	0.61651 AU
morning rise	-2333 Jan 27 j 20:37	7°♑06'41	
direct	-2333 Feb 03 j 20:09	4°♑39'20	
desc. node	-2333 Feb 12 j 17:43	8°♑02'17	
morning max el	-2333 Feb 17 j 21:36	12°♑26'06	27°41'45
	-2333 Mar 03 j 21:00	0°♒	
	-2333 Mar 21 j 01:07	0°♓	
morning set	-2333 Mar 22 j 17:31	3°♓24'14	
max. Earth dist.	-2333 Mar 28 j 17:44	16°♓05'45	1.32659 AU
superior conj	-2333 Mar 30 j 02:16	19°♓02'17	0°-13'-52
minimum elong	-2333 Mar 30 j 02:54	19°♓05'45	0°13'46
behind sun begin	-2333 Mar 30 j 00:22	18°♓51'57	
behind sun end	-2333 Mar 30 j 05:26	19°♓19'33	
asc. node	-2333 Mar 31 j 09:58	21°♓55'00	
	-2333 Apr 04 j 03:20	0°♈	
evening rise	-2333 Apr 06 j 02:27	4°♈11'05	
	-2333 Apr 20 j 00:38	0°♉	
evening max el	-2333 May 01 j 17:16	14°♉47'20	24°41'17
desc. node	-2333 May 11 j 16:45	21°♉14'44	
retrograde	-2333 May 15 j 16:49	21°♉51'40	
evening set	-2333 May 20 j 13:25	20°♉58'11	
min. Earth dist.	-2333 May 26 j 05:13	18°♉03'00	0.57098 AU
inferior conj	-2333 May 29 j 02:00	16°♉10'48	-4°-1'-1
minimum elong	-2333 May 28 j 21:03	16°♉18'57	4°00'11
morning rise	-2333 Jun 06 j 08:40	12°♉02'49	
direct	-2333 Jun 08 j 21:07	11°♉44'57	
morning max el	-2333 Jun 18 j 01:04	16°♉00'52	19°19'50
asc. node	-2333 Jun 27 j 09:19	28°♉38'21	
	-2333 Jun 28 j 04:09	0°♊	
morning set	-2333 Jul 05 j 03:06	13°♊12'36	
superior conj	-2333 Jul 13 j 09:09	29°♊36'49	1°47'47
minimum elong	-2333 Jul 13 j 08:27	29°♊33'24	1°47'49
	-2333 Jul 13 j 13:55	0°♋	
max. Earth dist.	-2333 Jul 19 j 14:37	11°♋25'14	1.37972 AU
evening rise	-2333 Jul 23 j 11:43	18°♋24'09	
	-2333 Jul 30 j 07:37	0°♌	
desc. node	-2333 Aug 07 j 16:04	13°♌04'18	
	-2333 Aug 19 j 21:08	0°♍	
evening max el	-2333 Aug 28 j 06:00	9°♍31'58	25°00'34
retrograde	-2333 Sep 08 j 23:20	16°♍20'27	
evening set	-2333 Sep 14 j 16:26	13°♍55'41	
min. Earth dist.	-2333 Sep 19 j 05:46	8°♍46'00	0.67107 AU
inferior conj	-2333 Sep 20 j 03:16	7°♍35'07	-1°-5'-41
minimum elong	-2333 Sep 20 j 04:51	7°♍29'53	1°05'01
asc. node	-2333 Sep 23 j 08:28	3°♍37'38	
morning rise	-2333 Sep 25 j 17:42	1°♍31'05	
direct	-2333 Sep 29 j 05:43	0°♍20'10	
morning max el	-2333 Oct 06 j 18:08	4°♍39'56	19°52'23
greatest brilliancy	-2333 Oct 14 j 11:39	14°♍17'52	-0.6m
	-2333 Oct 25 j 02:24	0°♎	
morning set	-2333 Nov 01 j 11:26	11°♎20'21	
desc. node	-2333 Nov 03 j 15:34	14°♎42'35	
	-2333 Nov 13 j 09:01	0°♏	
max. Earth dist.	-2333 Nov 13 j 10:59	0°♏07'49	1.44062 AU
superior conj	-2333 Nov 18 j 04:17	7°♏42'39	-1°-24'-55
minimum elong	-2333 Nov 17 j 20:49	7°♏12'26	1°24'13
evening rise	-2333 Dec 01 j 17:26	0°♐15'12	
	-2333 Dec 01 j 13:52	0°♐	
evening max el	-2333 Dec 19 j 23:39	28°♐23'33	18°16'46
asc. node	-2333 Dec 20 j 07:39	28°♐43'28	
	-2333 Dec 21 j 18:29	0°♑	
retrograde	-2333 Dec 26 j 12:07	1°♑54'54	
evening set	-2333 Dec 29 j 08:04	1°♑12'38	
	-2333 Dec 31 j 05:43	30°℞♐	
inferior conj	-2332 Jan 04 j 12:32	25°♐48'14	3°46'49
minimum elong	-2332 Jan 04 j 10:28	25°♐53'57	3°46'31
min. Earth dist.	-2332 Jan 06 j 22:25	23°♐09'08	0.63496 AU
morning rise	-2332 Jan 10 j 11:15	19°♐48'09	
direct	-2332 Jan 17 j 11:27	17°♐01'38	
desc. node	-2332 Jan 30 j 14:48	24°♐14'06	
morning max el	-2332 Jan 31 j 04:49	24°♐48'22	27°38'10
	-2332 Feb 04 j 23:09	0°♑	
	-2332 Feb 25 j 06:10	0°♒	
morning set	-2332 Mar 05 j 16:18	17°♒37'47	
max. Earth dist.	-2332 Mar 10 j 23:22	28°♒30'39	1.33229 AU
	-2332 Mar 11 j 16:16	0°♓	
superior conj	-2332 Mar 13 j 10:14	3°♓43'49	0°-39'-39
minimum elong	-2332 Mar 13 j 12:03	3°♓53'33	0°39'19
asc. node	-2332 Mar 17 j 07:00	12°♓03'01	
evening rise	-2332 Mar 20 j 14:07	19°♓04'37	
	-2332 Mar 25 j 23:52	0°♈	
evening max el	-2332 Apr 12 j 08:55	25°♈27'28	23°07'25
	-2332 Apr 18 j 07:51	0°♉	
retrograde	-2332 Apr 25 j 18:38	2°♉05'32	
desc. node	-2332 Apr 27 j 13:49	1°♉58'20	
evening set	-2332 Apr 29 j 06:38	1°♉38'45	
	-2332 May 03 j 14:49	30°℞♈	
min. Earth dist.	-2332 May 06 j 19:01	28°♈16'57	0.55700 AU
inferior conj	-2332 May 08 j 11:19	27°♈18'10	-2°-51'-32
minimum elong	-2332 May 08 j 04:53	27°♈27'34	2°49'45
morning rise	-2332 May 17 j 06:10	23°♈22'00	
direct	-2332 May 19 j 21:09	23°♈05'24	
morning max el	-2332 May 30 j 15:19	28°♈05'16	20°28'54
	-2332 Jun 01 j 12:53	0°♉	
asc. node	-2332 Jun 13 j 06:22	17°♉47'07	
morning set	-2332 Jun 18 j 08:23	27°♉48'26	
	-2332 Jun 19 j 10:06	0°♊	
superior conj	-2332 Jun 26 j 01:19	13°♊38'09	1°40'43
minimum elong	-2332 Jun 25 j 23:19	13°♊27'57	1°40'38
max. Earth dist.	-2332 Jun 30 j 21:10	23°♊13'53	1.36182 AU
	-2332 Jul 04 j 10:33	0°♋	
evening rise	-2332 Jul 05 j 00:11	1°♋03'21	
	-2332 Jul 22 j 09:59	0°♌	
desc. node	-2332 Jul 24 j 13:06	3°♌06'37	
evening max el	-2332 Aug 09 j 17:16	23°♌06'08	26°08'37
	-2332 Aug 20 j 05:21	0°♍	
retrograde	-2332 Aug 22 j 06:49	0°♍14'47	
	-2332 Aug 24 j 06:17	30°℞♌	
evening set	-2332 Aug 28 j 14:35	27°♌35'38	
min. Earth dist.	-2332 Sep 01 j 19:39	23°♌03'44	0.66426 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

inferior conj	-2332 Sep 03 j 04:48	21°♌20'21	-1°-59'-15
minimum elong	-2332 Sep 03 j 07:39	21°♌11'28	1°58'09
morning rise	-2332 Sep 09 j 01:32	15°♌26'49	
asc. node	-2332 Sep 09 j 05:33	15°♌21'02	
direct	-2332 Sep 12 j 04:01	14°♌31'34	
morning max el	-2332 Sep 19 j 01:48	18°♌24'33	18°57'59
	-2332 Sep 27 j 22:04	0°♍	
morning set	-2332 Oct 10 j 23:34	20°♍20'58	
	-2332 Oct 17 j 02:33	0°♎	
desc. node	-2332 Oct 20 j 12:35	5°♎22'37	
max. Earth dist.	-2332 Oct 26 j 03:54	14°♎14'56	1.44816 AU
superior conj	-2332 Oct 27 j 10:25	16°♎15'14	0°-43'-27
minimum elong	-2332 Oct 27 j 04:56	15°♎53'35	0°42'48
	-2332 Nov 05 j 02:09	0°♏	
evening rise	-2332 Nov 11 j 21:03	10°♏56'23	
	-2332 Nov 23 j 17:29	0°♐	
evening max el	-2332 Dec 02 j 11:19	11°♐47'13	18°43'50
asc. node	-2332 Dec 06 j 04:42	14°♐44'55	
retrograde	-2332 Dec 09 j 04:40	15°♐33'48	
evening set	-2332 Dec 12 j 05:48	14°♐41'06	
inferior conj	-2332 Dec 18 j 02:41	8°♐58'41	3°20'55
minimum elong	-2332 Dec 17 j 23:47	9°♐07'26	3°20'13
min. Earth dist.	-2332 Dec 19 j 21:26	6°♐49'33	0.65008 AU
morning rise	-2332 Dec 23 j 16:41	2°♐50'47	
direct	-2332 Dec 30 j 09:25	0°♐00'18	
morning max el	-2331 Jan 12 j 14:25	7°♐39'34	27°01'18
desc. node	-2331 Jan 16 j 11:54	11°♐51'16	
	-2331 Jan 29 j 23:49	0°♑	
	-2331 Feb 16 j 13:11	0°♒	
morning set	-2331 Feb 17 j 05:25	1°♒17'55	
max. Earth dist.	-2331 Feb 21 j 19:36	10°♒23'10	1.34222 AU
superior conj	-2331 Feb 25 j 13:26	18°♒06'22	-1°-4'-33
minimum elong	-2331 Feb 25 j 16:16	18°♒21'11	1°04'07
	-2331 Mar 03 j 04:43	0°♓	
asc. node	-2331 Mar 04 j 04:02	2°♓02'31	
evening rise	-2331 Mar 05 j 00:20	3°♓48'30	
	-2331 Mar 19 j 18:55	0°♈	
evening max el	-2331 Mar 25 j 05:27	6°♈16'36	21°35'33
retrograde	-2331 Apr 06 j 10:14	12°♈11'07	
evening set	-2331 Apr 08 j 23:32	11°♈56'22	
desc. node	-2331 Apr 14 j 10:53	9°♈59'33	
inferior conj	-2331 Apr 18 j 07:48	7°♈54'40	-1°-5'-2
minimum elong	-2331 Apr 18 j 04:46	7°♈58'56	1°03'58
min. Earth dist.	-2331 Apr 18 j 08:26	7°♈53'47	0.55098 AU
morning rise	-2331 Apr 27 j 10:34	3°♈54'46	
direct	-2331 Apr 30 j 09:21	3°♈35'40	
morning max el	-2331 May 12 j 18:45	9°♈28'05	21°55'55
	-2331 May 27 j 07:54	0°♉	
asc. node	-2331 May 31 j 03:25	7°♉21'00	
morning set	-2331 Jun 02 j 17:46	12°♉39'11	
superior conj	-2331 Jun 10 j 02:06	28°♉07'09	1°27'40
minimum elong	-2331 Jun 09 j 23:32	27°♉53'43	1°27'26
	-2331 Jun 10 j 23:42	0°♊	
max. Earth dist.	-2331 Jun 13 j 12:20	5°♊12'34	1.34714 AU
evening rise	-2331 Jun 18 j 05:16	14°♊33'20	
	-2331 Jun 26 j 16:25	0°♋	
desc. node	-2331 Jul 11 j 10:06	22°♋41'34	
	-2331 Jul 17 j 03:21	0°♌	
evening max el	-2331 Jul 23 j 04:47	6°♌34'28	26°58'40
retrograde	-2331 Aug 05 j 09:10	13°♌53'49	
evening set	-2331 Aug 12 j 05:13	11°♌07'28	
min. Earth dist.	-2331 Aug 16 j 02:41	7°♌13'57	0.65380 AU
inferior conj	-2331 Aug 18 j 00:47	5°♌00'45	-2°-49'-58
minimum elong	-2331 Aug 18 j 04:36	4°♌49'41	2°48'43
	-2331 Aug 23 j 03:12	30°♋	
morning rise	-2331 Aug 24 j 05:19	29°♋21'00	
direct	-2331 Aug 27 j 00:33	28°♋37'59	
asc. node	-2331 Aug 27 j 02:37	28°♋38'02	
	-2331 Aug 30 j 23:27	0°♌	
morning max el	-2331 Sep 02 j 14:26	2°♌13'20	18°19'46
	-2331 Sep 21 j 04:36	0°♍	
morning set	-2331 Sep 21 j 14:45	0°♍41'38	
superior conj	-2331 Oct 06 j 10:57	24°♍37'38	0°06'06
minimum elong	-2331 Oct 06 j 11:44	24°♍40'44	0°05'59
behind sun begin	-2331 Oct 06 j 01:18	23°♍59'22	
behind sun end	-2331 Oct 06 j 22:11	25°♍22'04	
desc. node	-2331 Oct 07 j 09:35	26°♍07'07	
max. Earth dist.	-2331 Oct 08 j 22:28	28°♍32'40	1.44837 AU
	-2331 Oct 09 j 20:38	0°♎	
evening rise	-2331 Oct 23 j 00:23	20°♎36'57	
	-2331 Oct 29 j 00:35	0°♏	
greatest brilliancy	-2331 Nov 06 j 20:19	13°♏29'30	-0.7m
evening max el	-2331 Nov 15 j 19:42	25°♏13'31	19°27'45
retrograde	-2331 Nov 23 j 01:00	29°♏24'17	
asc. node	-2331 Nov 23 j 01:45	29°♏24'17	
evening set	-2331 Nov 26 j 09:04	28°♏19'12	
inferior conj	-2331 Dec 02 j 00:26	22°♏21'52	2°44'34
minimum elong	-2331 Dec 01 j 21:28	22°♏31'27	2°43'37
min. Earth dist.	-2331 Dec 03 j 05:14	20°♏48'42	0.66153 AU
morning rise	-2331 Dec 07 j 09:07	16°♏08'36	
direct	-2331 Dec 13 j 13:28	13°♏26'24	
morning max el	-2331 Dec 25 j 23:53	20°♏46'42	25°58'06
desc. node	-2330 Jan 03 j 08:57	0°♐28'17	
	-2330 Jan 03 j 00:07	0°♐	
	-2330 Jan 23 j 03:36	0°♑	
morning set	-2330 Jan 31 j 04:31	14°♑10'57	
max. Earth dist.	-2330 Feb 04 j 03:56	21°♑41'18	1.35666 AU
	-2330 Feb 08 j 09:12	0°♒	
superior conj	-2330 Feb 09 j 09:17	2°♒01'22	-1°-27'-8
minimum elong	-2330 Feb 09 j 12:41	2°♒18'37	1°26'44
evening rise	-2330 Feb 17 j 07:06	18°♒15'21	
asc. node	-2330 Feb 19 j 01:03	21°♒47'56	
	-2330 Feb 23 j 06:37	0°♓	
evening max el	-2330 Mar 07 j 11:40	17°♓35'16	20°16'10
retrograde	-2330 Mar 18 j 00:56	22°♓37'23	
evening set	-2330 Mar 20 j 06:16	22°♓24'56	
inferior conj	-2330 Mar 29 j 04:38	18°♓26'19	0°52'23
minimum elong	-2330 Mar 29 j 06:55	18°♓22'55	0°51'35
min. Earth dist.	-2330 Mar 30 j 22:33	17°♓24'10	0.55437 AU
desc. node	-2330 Apr 01 j 07:58	16°♓36'14	
morning rise	-2330 Apr 07 j 05:09	14°♓03'55	
direct	-2330 Apr 10 j 22:43	13°♓33'29	
morning max el	-2330 Apr 24 j 13:23	20°♓15'24	23°34'19
	-2330 May 02 j 18:46	0°♈	
morning set	-2330 May 18 j 05:21	27°♈37'55	
asc. node	-2330 May 18 j 00:28	27°♈12'19	
	-2330 May 19 j 08:19	0°♉	
superior conj	-2330 May 25 j 08:34	12°♉53'59	1°10'08
minimum elong	-2330 May 25 j 06:04	12°♉40'32	1°09'47
max. Earth dist.	-2330 May 27 j 12:58	17°♉33'20	1.33617 AU
evening rise	-2330 Jun 01 j 22:19	28°♉40'06	
	-2330 Jun 02 j 14:23	0°♊	
	-2330 Jun 19 j 20:10	0°♋	
desc. node	-2330 Jun 28 j 07:06	11°♋37'33	
evening max el	-2330 Jul 05 j 15:37	19°♋46'34	27°23'37
retrograde	-2330 Jul 19 j 06:03	27°♋09'07	
evening set	-2330 Jul 26 j 09:22	24°♋26'45	
min. Earth dist.	-2330 Jul 30 j 00:58	21°♋08'32	0.63953 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

inferior conj	-2330 Aug 01 j 12:45	18°♋31'38	-3°-35'-4
minimum elong	-2330 Aug 01 j 16:56	18°♋20'37	3°34'00
morning rise	-2330 Aug 08 j 02:24	13°♋08'46	
direct	-2330 Aug 10 j 16:48	12°♋34'49	
asc. node	-2330 Aug 13 j 23:42	13°♋29'15	
morning max el	-2330 Aug 17 j 05:31	16°♋01'04	17°58'49
	-2330 Aug 27 j 03:14	0°♌	
morning set	-2330 Sep 03 j 08:32	12°♌18'44	
	-2330 Sep 13 j 19:33	0°♍	
superior conj	-2330 Sep 16 j 03:52	3°♍51'25	0°50'59
minimum elong	-2330 Sep 16 j 08:55	4°♍12'03	0°50'24
max. Earth dist.	-2330 Sep 21 j 15:16	12°♍41'47	1.44139 AU
desc. node	-2330 Sep 24 j 06:34	16°♍53'04	
evening rise	-2330 Oct 02 j 09:15	29°♍32'33	
	-2330 Oct 02 j 16:22	0°♎	
	-2330 Oct 22 j 21:10	0°♏	
greatest brilliancy	-2330 Oct 23 j 15:43	1°♏02'49	-0.5m
evening max el	-2330 Oct 29 j 23:03	8°♏40'47	20°26'38
retrograde	-2330 Nov 06 j 22:27	13°♏22'54	
asc. node	-2330 Nov 09 j 22:48	12°♏30'33	
evening set	-2330 Nov 10 j 15:38	12°♏03'05	
inferior conj	-2330 Nov 16 j 03:16	5°♏54'19	2°00'52
minimum elong	-2330 Nov 16 j 00:48	6°♏02'41	1°59'55
min. Earth dist.	-2330 Nov 16 j 19:43	4°♏58'43	0.66938 AU
	-2330 Nov 20 j 23:54	30°℞♎	
morning rise	-2330 Nov 21 j 09:26	29°♎38'10	
direct	-2330 Nov 26 j 23:00	27°♎12'44	
	-2330 Dec 03 j 19:30	0°♏	
morning max el	-2330 Dec 08 j 08:26	4°♏00'16	24°38'03
desc. node	-2330 Dec 21 j 05:59	19°♏47'52	
	-2330 Dec 28 j 07:46	0°♐	
morning set	-2329 Jan 13 j 08:08	26°♐01'47	
	-2329 Jan 15 j 13:45	0°♑	
max. Earth dist.	-2329 Jan 17 j 02:06	2°♑44'35	1.37517 AU
superior conj	-2329 Jan 23 j 18:40	15°♑20'44	-1°-45'-17
minimum elong	-2329 Jan 23 j 21:48	15°♑35'55	1°45'06
	-2329 Jan 31 j 04:18	0°♒	
evening rise	-2329 Feb 01 j 08:15	2°♒19'19	
asc. node	-2329 Feb 05 j 22:04	11°♒14'02	
evening max el	-2329 Feb 18 j 04:46	29°♒31'17	19°14'38
	-2329 Feb 18 j 17:08	0°♓	
retrograde	-2329 Feb 27 j 02:42	3°♓46'53	
evening set	-2329 Mar 01 j 09:34	3°♓31'18	
	-2329 Mar 08 j 15:53	30°℞♒	
inferior conj	-2329 Mar 09 j 15:04	29°♒21'15	2°28'47
minimum elong	-2329 Mar 09 j 19:49	29°♒13'15	2°27'27
min. Earth dist.	-2329 Mar 12 j 13:45	27°♒22'53	0.56649 AU
morning rise	-2329 Mar 18 j 02:07	24°♒27'40	
desc. node	-2329 Mar 19 j 05:02	24°♒05'22	
direct	-2329 Mar 22 j 23:48	23°♒31'57	
	-2329 Apr 05 j 07:44	0°♓	
morning max el	-2329 Apr 06 j 04:10	0°♓47'54	25°12'07
	-2329 Apr 26 j 09:47	0°♈	
morning set	-2329 May 02 j 17:26	12°♈38'45	
asc. node	-2329 May 04 j 21:29	17°♈15'27	
superior conj	-2329 May 09 j 18:31	27°♈51'01	0°49'14
minimum elong	-2329 May 09 j 16:32	27°♈40'12	0°48'53
	-2329 May 10 j 18:15	0°♉	
max. Earth dist.	-2329 May 10 j 21:14	0°♉16'10	1.32894 AU
evening rise	-2329 May 16 j 23:45	13°♉12'17	
	-2329 May 25 j 17:38	0°♊	
desc. node	-2329 Jun 15 j 04:07	29°♊37'50	
	-2329 Jun 15 j 12:23	0°♋	
evening max el	-2329 Jun 17 j 23:43	2°♋30'00	27°17'54
retrograde	-2329 Jul 01 j 20:30	9°♋50'57	
evening set	-2329 Jul 08 j 23:12	7°♋26'31	
min. Earth dist.	-2329 Jul 12 j 13:22	4°♋34'53	0.62183 AU
inferior conj	-2329 Jul 15 j 13:42	1°♋46'00	-4°-10'-18
minimum elong	-2329 Jul 15 j 17:08	1°♋37'56	4°09'44
	-2329 Jul 17 j 12:13	30°℞♊	
morning rise	-2329 Jul 22 j 13:37	26°♊42'51	
direct	-2329 Jul 25 j 01:30	26°♊15'18	
asc. node	-2329 Jul 31 j 20:46	29°♊42'21	
morning max el	-2329 Jul 31 j 20:13	29°♊40'59	17°56'06
	-2329 Aug 01 j 03:50	0°♋	
morning set	-2329 Aug 16 j 23:30	24°♋56'38	
	-2329 Aug 19 j 18:55	0°♌	
superior conj	-2329 Aug 27 j 23:46	14°♌25'01	1°23'21
minimum elong	-2329 Aug 28 j 04:48	14°♌46'36	1°22'54
max. Earth dist.	-2329 Sep 04 j 03:58	26°♌25'50	1.42826 AU
	-2329 Sep 06 j 08:42	0°♍	
desc. node	-2329 Sep 11 j 03:32	7°♍36'55	
evening rise	-2329 Sep 11 j 15:56	8°♍25'31	
	-2329 Sep 25 j 22:25	0°♎	
greatest brilliancy	-2329 Oct 07 j 21:47	16°♎27'33	-0.4m
evening max el	-2329 Oct 12 j 20:28	22°♎07'40	21°37'32
retrograde	-2329 Oct 21 j 18:59	27°♎26'13	
evening set	-2329 Oct 25 j 23:31	25°♎49'14	
asc. node	-2329 Oct 27 j 19:53	24°♎04'45	
inferior conj	-2329 Oct 31 j 09:01	19°♎32'31	1°11'57
minimum elong	-2329 Oct 31 j 07:24	19°♎38'03	1°11'17
min. Earth dist.	-2329 Oct 31 j 14:23	19°♎13'59	0.67389 AU
morning rise	-2329 Nov 05 j 15:00	13°♎16'14	
direct	-2329 Nov 10 j 13:15	11°♎12'01	
morning max el	-2329 Nov 20 j 17:45	17°♎16'20	23°11'11
greatest brilliancy	-2329 Nov 25 j 19:43	22°♎59'05	-0.3m
	-2329 Dec 01 j 06:27	0°♏	
desc. node	-2329 Dec 08 j 03:00	9°♏37'09	
	-2329 Dec 21 j 10:00	0°♐	
morning set	-2329 Dec 25 j 09:57	6°♐33'39	
max. Earth dist.	-2329 Dec 29 j 21:18	14°♐09'41	1.39598 AU
superior conj	-2328 Jan 06 j 13:19	27°♐52'50	-1°-56'-16
minimum elong	-2328 Jan 06 j 14:48	27°♐59'40	1°56'18
	-2328 Jan 07 j 16:45	0°♑	
evening rise	-2328 Jan 16 j 01:03	15°♑53'15	
asc. node	-2328 Jan 23 j 19:07	0°♒14'05	
	-2328 Jan 23 j 15:50	0°♒	
evening max el	-2328 Feb 01 j 07:00	12°♒00'25	18°32'58
retrograde	-2328 Feb 08 j 22:51	15°♒44'50	
evening set	-2328 Feb 11 j 09:32	15°♒23'17	
inferior conj	-2328 Feb 18 j 21:45	10°♒53'28	3°29'00
minimum elong	-2328 Feb 19 j 01:20	10°♒46'24	3°28'22
min. Earth dist.	-2328 Feb 22 j 07:25	8°♒14'29	0.58452 AU
morning rise	-2328 Feb 26 j 13:26	5°♒32'23	
direct	-2328 Mar 03 j 14:04	4°♒00'15	
desc. node	-2328 Mar 05 j 02:07	4°♒05'56	
morning max el	-2328 Mar 17 j 21:07	11°♒34'05	26°34'15
	-2328 Apr 01 j 04:50	0°♓	
morning set	-2328 Apr 16 j 04:24	27°♓36'05	
	-2328 Apr 17 j 07:43	0°♈	
asc. node	-2328 Apr 20 j 18:31	7°♈25'52	
superior conj	-2328 Apr 23 j 06:07	12°♈51'58	0°25'54
minimum elong	-2328 Apr 23 j 05:00	12°♈45'47	0°25'40
max. Earth dist.	-2328 Apr 23 j 09:48	13°♈12'11	1.32527 AU
evening rise	-2328 Apr 30 j 06:48	28°♈00'42	
	-2328 May 01 j 05:49	0°♉	
	-2328 May 18 j 04:28	0°♊	
evening max el	-2328 May 30 j 02:36	14°♊34'01	26°39'11

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2328 Jun 01 j 01:10	16°♊19'12	
retrograde	-2328 Jun 13 j 03:07	21°♊51'26	
evening set	-2328 Jun 19 j 18:24	19°♊58'10	
min. Earth dist.	-2328 Jun 23 j 16:00	17°♊18'45	0.60179 AU
inferior conj	-2328 Jun 27 j 00:09	14°♊35'23	-4°-29'-2
minimum elong	-2328 Jun 27 j 01:15	14°♊33'08	4°28'56
morning rise	-2328 Jul 04 j 11:21	9°♊54'19	
direct	-2328 Jul 06 j 22:45	9°♊31'16	
morning max el	-2328 Jul 14 j 07:41	13°♊06'07	18°12'40
asc. node	-2328 Jul 17 j 17:50	17°♊02'04	
	-2328 Jul 25 j 18:22	0°♋	
morning set	-2328 Jul 30 j 06:14	8°♋21'10	
superior conj	-2328 Aug 08 j 21:46	26°♋16'47	1°41'49
minimum elong	-2328 Aug 09 j 00:35	26°♋29'32	1°41'42
	-2328 Aug 10 j 23:36	0°♌	
max. Earth dist.	-2328 Aug 16 j 11:31	9°♌32'48	1.41068 AU
evening rise	-2328 Aug 21 j 14:56	18°♌05'37	
desc. node	-2328 Aug 28 j 00:31	28°♌15'35	
	-2328 Aug 29 j 03:33	0°♍	
greatest brilliancy	-2328 Sep 19 j 09:58	29°♍52'41	-0.3m
	-2328 Sep 19 j 12:23	0°♎	
evening max el	-2328 Sep 24 j 12:25	5°♎35'35	22°56'01
retrograde	-2328 Oct 04 j 13:07	11°♎32'17	
evening set	-2328 Oct 09 j 07:00	9°♎36'23	
asc. node	-2328 Oct 13 j 16:58	4°♎33'45	
inferior conj	-2328 Oct 14 j 15:50	3°♎15'15	0°19'41
minimum elong	-2328 Oct 14 j 15:23	3°♎16'51	0°19'29
min. Earth dist.	-2328 Oct 14 j 10:49	3°♎32'34	0.67527 AU
	-2328 Oct 17 j 02:37	30°℞♍	
morning rise	-2328 Oct 19 j 23:43	27°♍01'33	
direct	-2328 Oct 24 j 07:18	25°♍19'36	
	-2328 Nov 01 j 15:49	0°♎	
morning max el	-2328 Nov 02 j 07:22	0°♎38'36	21°46'25
greatest brilliancy	-2328 Nov 07 j 05:21	6°♎14'46	-0.4m
desc. node	-2328 Nov 24 j 00:01	29°♎47'42	
	-2328 Nov 24 j 03:17	0°♏	
morning set	-2328 Dec 04 j 06:49	15°♏42'05	
max. Earth dist.	-2328 Dec 10 j 21:24	26°♏26'31	1.41631 AU
	-2328 Dec 13 j 00:28	0°♐	
superior conj	-2328 Dec 18 j 11:55	9°♐24'11	-1°-56'-22
minimum elong	-2328 Dec 18 j 10:01	9°♐15'54	1°56'23
evening rise	-2328 Dec 29 j 06:10	28°♐49'43	
	-2328 Dec 29 j 21:26	0°♑	
asc. node	-2327 Jan 09 j 16:10	18°♑39'34	
evening max el	-2327 Jan 14 j 15:31	24°♑54'14	18°11'20
retrograde	-2327 Jan 21 j 12:59	28°♑23'31	
evening set	-2327 Jan 24 j 03:03	27°♑54'44	
inferior conj	-2327 Jan 31 j 00:33	23°♑02'51	3°55'10
minimum elong	-2327 Jan 31 j 01:36	23°♑00'28	3°55'04
min. Earth dist.	-2327 Feb 03 j 06:37	20°♑06'19	0.60491 AU
morning rise	-2327 Feb 06 j 21:18	17°♑21'44	
direct	-2327 Feb 13 j 15:35	15°♑12'23	
desc. node	-2327 Feb 19 j 23:13	16°♑54'53	
morning max el	-2327 Feb 27 j 20:08	22°♑55'34	27°27'26
	-2327 Mar 06 j 03:49	0°♒	
	-2327 Mar 25 j 05:59	0°♓	
morning set	-2327 Mar 31 j 12:22	12°♓22'39	
max. Earth dist.	-2327 Apr 06 j 22:52	26°♓07'30	1.32509 AU
superior conj	-2327 Apr 07 j 17:37	27°♓49'58	0°00'55
minimum elong	-2327 Apr 07 j 17:35	27°♓49'44	0°00'54
behind sun begin	-2327 Apr 07 j 12:33	27°♓22'17	
behind sun end	-2327 Apr 07 j 22:36	28°♓17'13	
asc. node	-2327 Apr 07 j 15:32	27°♓38'34	
	-2327 Apr 08 j 17:23	0°♈	
evening rise	-2327 Apr 14 j 17:07	12°♈56'22	
	-2327 Apr 23 j 09:43	0°♉	
evening max el	-2327 May 11 j 22:46	25°♉53'29	25°30'32
	-2327 May 17 j 00:02	0°♊	
desc. node	-2327 May 18 j 22:15	1°♊08'59	
retrograde	-2327 May 26 j 00:10	3°♊05'08	
evening set	-2327 May 31 j 15:28	1°♊50'13	
	-2327 Jun 04 j 01:33	30°℞♉	
min. Earth dist.	-2327 Jun 05 j 10:50	29°♉05'32	0.58153 AU
inferior conj	-2327 Jun 08 j 16:26	26°♉48'45	-4°-21'-35
minimum elong	-2327 Jun 08 j 13:42	26°♉53'37	4°21'20
morning rise	-2327 Jun 16 j 15:51	22°♉30'04	
direct	-2327 Jun 19 j 03:52	22°♉10'30	
morning max el	-2327 Jun 27 j 12:58	26°♉06'52	18°49'28
	-2327 Jul 01 j 00:21	0°♊	
asc. node	-2327 Jul 04 j 14:53	5°♊12'59	
morning set	-2327 Jul 14 j 00:10	22°♊19'34	
	-2327 Jul 17 j 22:11	0°♋	
superior conj	-2327 Jul 22 j 16:18	9°♋10'44	1°48'23
minimum elong	-2327 Jul 22 j 16:43	9°♋12'42	1°48'26
max. Earth dist.	-2327 Jul 29 j 14:33	21°♋55'57	1.39093 AU
evening rise	-2327 Aug 02 j 15:01	28°♋56'59	
	-2327 Aug 03 j 05:48	0°♌	
desc. node	-2327 Aug 14 j 21:32	18°♌44'32	
	-2327 Aug 22 j 14:13	0°♍	
evening max el	-2327 Sep 07 j 00:36	19°♍05'38	24°16'20
retrograde	-2327 Sep 18 j 03:50	25°♍37'45	
evening set	-2327 Sep 23 j 12:23	23°♍22'44	
inferior conj	-2327 Sep 28 j 22:01	17°♍00'49	0°-34'-21
minimum elong	-2327 Sep 28 j 22:51	16°♍58'02	0°34'00
min. Earth dist.	-2327 Sep 28 j 06:37	17°♍52'45	0.67350 AU
asc. node	-2327 Sep 30 j 14:02	14°♍48'42	
morning rise	-2327 Oct 04 j 09:36	10°♍52'34	
direct	-2327 Oct 08 j 04:06	9°♍31'18	
morning max el	-2327 Oct 16 j 03:57	14°♍10'25	20°30'26
greatest brilliancy	-2327 Oct 22 j 12:27	21°♍46'46	-0.5m
	-2327 Oct 28 j 09:43	0°♎	
desc. node	-2327 Nov 10 j 21:02	20°♎13'29	
morning set	-2327 Nov 13 j 06:52	23°♎56'51	
	-2327 Nov 17 j 03:55	0°♏	
max. Earth dist.	-2327 Nov 23 j 05:01	9°♏37'06	1.43325 AU
superior conj	-2327 Nov 29 j 09:04	19°♏42'25	-1°-41'-28
minimum elong	-2327 Nov 29 j 03:02	19°♏17'21	1°41'04
	-2327 Dec 05 j 11:26	0°♐	
evening rise	-2327 Dec 11 j 19:35	11°♐00'41	
	-2327 Dec 22 j 23:31	0°♑	
asc. node	-2327 Dec 27 j 13:14	6°♑20'03	
evening max el	-2327 Dec 29 j 03:26	8°♑04'53	18°09'18
retrograde	-2326 Jan 04 j 16:48	11°♑32'29	
evening set	-2326 Jan 07 j 10:17	10°♑55'36	
inferior conj	-2326 Jan 13 j 20:10	5°♑42'31	3°55'24
minimum elong	-2326 Jan 13 j 18:59	5°♑45'37	3°55'16
min. Earth dist.	-2326 Jan 16 j 14:26	2°♑51'35	0.62466 AU
	-2326 Jan 19 j 19:11	30°℞♐	
morning rise	-2326 Jan 20 j 01:39	29°♐47'49	
direct	-2326 Jan 27 j 02:25	27°♐10'40	
	-2326 Feb 04 j 01:48	0°♑	
desc. node	-2326 Feb 06 j 20:17	2°♑03'45	
morning max el	-2326 Feb 10 j 01:14	4°♑58'31	27°44'41
	-2326 Feb 28 j 21:21	0°♒	
morning set	-2326 Mar 15 j 15:17	26°♒51'12	
	-2326 Mar 17 j 04:14	0°♓	
max. Earth dist.	-2326 Mar 21 j 08:22	8°♓47'33	1.32854 AU
superior conj	-2326 Mar 23 j 03:24	12°♓39'27	0°-24'-50

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2326 Mar	23	j 04:33	12°♓45'38	0°24'38	minimum elong	-2325 Mar	07	j 11:52	27°♒25'39	0°50'01
asc. node	-2326 Mar	25	j 12:35	17°♓49'42			-2325 Mar	08	j 16:51	0°♓	
evening rise	-2326 Mar	30	j 04:49	27°♓52'33		asc. node	-2325 Mar	12	j 09:38	7°♓54'28	
	-2326 Mar	31	j 05:08	0°♈		evening rise	-2325 Mar	14	j 16:03	12°♓42'14	
	-2326 Apr	17	j 16:23	0°♉			-2325 Mar	23	j 13:48	0°♈	
evening max el	-2326 Apr	23	j 14:18	6°♉40'14	24°01'52	evening max el	-2325 Apr	05	j 07:12	17°♈20'32	22°27'20
desc. node	-2326 May	05	j 19:18	13°♉30'29		retrograde	-2325 Apr	18	j 06:51	23°♈42'14	
retrograde	-2326 May	07	j 09:46	13°♉36'22		evening set	-2325 Apr	21	j 07:04	23°♈22'21	
evening set	-2326 May	11	j 16:08	12°♉55'53		desc. node	-2325 Apr	22	j 16:21	23°♈00'34	
min. Earth dist.	-2326 May	18	j 01:40	9°♉50'42	0.56421 AU	min. Earth dist.	-2325 Apr	29	j 15:27	19°♈45'01	0.55329 AU
inferior conj	-2326 May	20	j 12:32	8°♉19'40	-3°-36'-49	inferior conj	-2325 Apr	30	j 15:07	19°♈11'21	-2°-9'-47
minimum elong	-2326 May	20	j 06:27	8°♉29'09	3°35'30	minimum elong	-2325 Apr	30	j 09:34	19°♈19'15	2°08'01
morning rise	-2326 May	29	j 00:39	4°♉18'30		morning rise	-2325 May	09	j 14:09	15°♈15'34	
direct	-2326 May	31	j 13:45	4°♉01'34		direct	-2325 May	12	j 07:13	14°♈58'42	
morning max el	-2326 Jun	10	j 09:22	8°♉34'19	19°46'53	morning max el	-2325 May	23	j 19:01	20°♈21'08	21°04'02
asc. node	-2326 Jun	21	j 11:56	24°♉03'16			-2325 May	31	j 16:08	0°♉	
	-2326 Jun	24	j 16:26	0°♊		asc. node	-2325 Jun	08	j 08:59	13°♉23'30	
morning set	-2326 Jun	28	j 02:02	6°♊43'20		morning set	-2325 Jun	12	j 09:16	21°♉25'51	
							-2325 Jun	16	j 12:11	0°♊	
superior conj	-2326 Jul	06	j 01:53	22°♊51'08	1°45'38						
minimum elong	-2326 Jul	06	j 00:32	22°♊44'25	1°45'38	superior conj	-2325 Jun	19	j 22:05	7°♊05'19	1°35'49
	-2326 Jul	09	j 17:40	0°♋		minimum elong	-2325 Jun	19	j 19:46	6°♊53'19	1°35'40
max. Earth dist.	-2326 Jul	11	j 17:30	3°♋47'21	1.37171 AU	max. Earth dist.	-2325 Jun	24	j 02:59	15°♊36'00	1.35507 AU
evening rise	-2326 Jul	15	j 15:31	10°♋59'57		evening rise	-2325 Jun	28	j 11:40	24°♊02'36	
	-2326 Jul	26	j 21:36	0°♌			-2325 Jul	01	j 17:02	0°♋	
desc. node	-2326 Aug	01	j 18:34	8°♌58'21		desc. node	-2325 Jul	19	j 15:34	28°♋50'10	
	-2326 Aug	17	j 22:16	0°♍			-2325 Jul	20	j 11:33	0°♌	
evening max el	-2326 Aug	20	j 11:30	2°♍38'18	25°31'15	evening max el	-2325 Aug	02	j 22:55	16°♌11'13	26°32'43
retrograde	-2326 Sep	01	j 14:17	9°♍37'32		retrograde	-2325 Aug	15	j 19:49	23°♌26'06	
evening set	-2326 Sep	07	j 13:46	7°♍05'46		evening set	-2325 Aug	22	j 09:02	20°♌42'56	
min. Earth dist.	-2326 Sep	11	j 23:24	2°♍12'00	0.66853 AU	min. Earth dist.	-2325 Aug	26	j 10:46	16°♌27'12	0.66015 AU
inferior conj	-2326 Sep	13	j 01:47	0°♍46'46	-1°-28'-37	inferior conj	-2325 Aug	28	j 01:14	14°♌30'40	-2°-21'-17
minimum elong	-2326 Sep	13	j 03:56	0°♍39'51	1°27'45	minimum elong	-2325 Aug	28	j 04:33	14°♌20'37	2°20'05
	-2326 Sep	13	j 16:20	30°℞♌		morning rise	-2325 Sep	03	j 01:05	8°♌42'23	
asc. node	-2326 Sep	17	j 11:06	25°♌46'49		asc. node	-2325 Sep	04	j 08:09	8°♌08'30	
morning rise	-2326 Sep	18	j 18:43	24°♌46'54		direct	-2325 Sep	06	j 00:07	7°♌52'47	
direct	-2326 Sep	22	j 02:17	23°♌43'17		morning max el	-2325 Sep	12	j 17:52	11°♌37'39	18°39'41
morning max el	-2326 Sep	29	j 07:51	27°♌50'53	19°27'22		-2325 Sep	25	j 20:03	0°♍	
	-2326 Oct	01	j 06:52	0°♍		morning set	-2325 Oct	03	j 07:03	11°♍55'29	
greatest brilliancy	-2326 Oct	08	j 14:18	9°♍49'55	-0.7m		-2325 Oct	14	j 15:50	0°♎	
	-2326 Oct	21	j 19:26	0°♎		desc. node	-2325 Oct	15	j 15:03	1°♎31'38	
morning set	-2326 Oct	23	j 08:00	2°♎22'10							
desc. node	-2326 Oct	28	j 18:03	10°♎49'16		superior conj	-2325 Oct	19	j 04:20	7°♎07'32	0°-22'-42
max. Earth dist.	-2326 Nov	05	j 18:43	23°♎26'27	1.44462 AU	minimum elong	-2325 Oct	19	j 01:19	6°♎55'42	0°22'20
						max. Earth dist.	-2325 Oct	19	j 12:19	7°♎38'57	1.44912 AU
superior conj	-2326 Nov	09	j 03:17	28°♎46'36	-1°-9'-3		-2325 Nov	02	j 15:53	0°♏	
minimum elong	-2326 Nov	08	j 19:53	28°♎17'04	1°08'16	evening rise	-2325 Nov	04	j 05:52	2°♏31'10	
	-2326 Nov	09	j 21:39	0°♏			-2325 Nov	22	j 01:41	0°♐	
evening rise	-2326 Nov	23	j 12:42	22°♏16'26		evening max el	-2325 Nov	26	j 02:32	4°♐50'46	19°00'33
	-2326 Nov	28	j 03:46	0°♐		asc. node	-2325 Dec	01	j 07:20	8°♐30'17	
evening max el	-2326 Dec	12	j 15:55	21°♐25'08	18°26'05	retrograde	-2325 Dec	03	j 00:07	8°♐46'23	
asc. node	-2326 Dec	14	j 10:18	23°♐01'49		evening set	-2325 Dec	06	j 03:58	7°♐48'45	
retrograde	-2326 Dec	19	j 05:44	25°♐02'02		inferior conj	-2325 Dec	11	j 22:18	1°♐59'53	3°06'32
evening set	-2326 Dec	22	j 03:34	24°♐15'44		minimum elong	-2325 Dec	11	j 19:17	2°♐09'15	3°05'43
inferior conj	-2326 Dec	28	j 04:34	18°♐43'29	3°37'20	min. Earth dist.	-2325 Dec	13	j 11:02	0°♐05'25	0.65549 AU
minimum elong	-2326 Dec	28	j 02:02	18°♐50'46	3°36'51		-2325 Dec	13	j 12:48	30°℞♏	
min. Earth dist.	-2326 Dec	30	j 08:03	16°♐15'39	0.64184 AU	morning rise	-2325 Dec	17	j 09:40	25°♏49'30	
morning rise	-2325 Jan	02	j 23:05	12°♐39'31		direct	-2325 Dec	23	j 21:45	23°♏00'55	
direct	-2325 Jan	09	j 20:53	9°♐49'18			-2324 Jan	05	j 05:48	0°♐	
morning max el	-2325 Jan	23	j 09:52	17°♐34'55	27°26'06	morning max el	-2324 Jan	05	j 19:25	0°♐33'37	26°36'55
desc. node	-2325 Jan	24	j 17:20	18°♐55'21		desc. node	-2324 Jan	11	j 14:24	7°♐00'24	
	-2325 Feb	02	j 20:36	0°♑			-2324 Jan	27	j 20:17	0°♑	
	-2325 Feb	21	j 16:50	0°♒		morning set	-2324 Feb	10	j 18:07	24°♑13'35	
morning set	-2325 Feb	27	j 10:23	10°♒51'53			-2324 Feb	13	j 18:00	0°♒	
max. Earth dist.	-2325 Mar	04	j 10:13	20°♒58'27	1.33596 AU	max. Earth dist.	-2324 Feb	15	j 01:11	2°♒33'58	1.34785 AU
superior conj	-2325 Mar	07	j 09:35	27°♒13'33	0°-50'-25	superior conj	-2324 Feb	19	j 10:01	11°♒25'32	-1°-14'-32

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2324 Feb 19 j 13:10	11°♒41'47	1°14'05
evening rise	-2324 Feb 27 j 01:02	27°♒19'27	
asc. node	-2324 Feb 27 j 06:39	27°♒48'28	
	-2324 Feb 28 j 08:19	0°♓	
evening max el	-2324 Mar 17 j 07:39	28°♓20'59	20°59'47
	-2324 Mar 19 j 04:37	0°♈	
retrograde	-2324 Mar 28 j 20:06	3°♈52'35	
evening set	-2324 Mar 31 j 04:25	3°♈39'42	
desc. node	-2324 Apr 08 j 13:25	0°♈10'53	
	-2324 Apr 08 j 21:08	30°℞♓	
inferior conj	-2324 Apr 09 j 09:55	29°♓41'54	0°-14'-25
minimum elong	-2324 Apr 09 j 09:14	29°♓42'52	0°14'11
transit middle	-2324 Apr 09 j 09:14	29°♓42'52	0°14'11
transit begin	-2324 Apr 09 j 07:24	29°♓45'27	
transit end	-2324 Apr 09 j 11:03	29°♓40'16	
min. Earth dist.	-2324 Apr 10 j 05:10	29°♓14'33	0.55130 AU
morning rise	-2324 Apr 18 j 13:09	25°♓34'14	
direct	-2324 Apr 21 j 18:47	25°♓11'30	
	-2324 May 03 j 03:04	0°♈	
morning max el	-2324 May 04 j 18:06	1°♈26'29	22°36'58
	-2324 May 23 j 17:18	0°♉	
asc. node	-2324 May 25 j 06:01	3°♉05'25	
morning set	-2324 May 26 j 19:47	6°♉20'29	
superior conj	-2324 Jun 03 j 01:34	21°♉42'31	1°20'43
minimum elong	-2324 Jun 02 j 22:57	21°♉28'43	1°20'24
max. Earth dist.	-2324 Jun 05 j 22:26	27°♉43'57	1.34202 AU
	-2324 Jun 07 j 00:47	0°♊	
evening rise	-2324 Jun 10 j 22:21	7°♊49'50	
	-2324 Jun 23 j 06:00	0°♋	
desc. node	-2324 Jul 05 j 12:35	18°♋10'04	
evening max el	-2324 Jul 15 j 10:34	29°♋34'43	27°12'53
	-2324 Jul 15 j 21:12	0°♌	
retrograde	-2324 Jul 28 j 19:44	6°♌55'32	
evening set	-2324 Aug 04 j 19:34	4°♌09'42	
min. Earth dist.	-2324 Aug 08 j 14:22	0°♌31'36	0.64815 AU
	-2324 Aug 09 j 01:54	30°℞♋	
inferior conj	-2324 Aug 10 j 18:07	28°♋07'38	-3°-10'-2
minimum elong	-2324 Aug 10 j 22:12	27°♋56'17	3°08'49
morning rise	-2324 Aug 17 j 02:20	22°♋34'24	
direct	-2324 Aug 19 j 19:18	21°♋55'28	
asc. node	-2324 Aug 21 j 05:13	22°♋06'06	
morning max el	-2324 Aug 26 j 07:46	25°♋25'55	18°08'41
	-2324 Aug 30 j 03:15	0°♌	
morning set	-2324 Sep 13 j 10:04	22°♌50'09	
	-2324 Sep 17 j 17:19	0°♍	
superior conj	-2324 Sep 27 j 09:27	15°♍44'36	0°26'20
minimum elong	-2324 Sep 27 j 12:35	15°♍57'07	0°25'56
max. Earth dist.	-2324 Oct 01 j 06:43	21°♍55'45	1.44627 AU
desc. node	-2324 Oct 01 j 12:02	22°♍16'47	
	-2324 Oct 06 j 09:49	0°♎	
evening rise	-2324 Oct 13 j 23:55	11°♎48'44	
	-2324 Oct 25 j 20:21	0°♏	
greatest brilliancy	-2324 Oct 31 j 19:09	8°♏44'33	-0.6m
evening max el	-2324 Nov 08 j 09:02	18°♏17'54	19°51'10
retrograde	-2324 Nov 15 j 21:08	22°♏40'44	
asc. node	-2324 Nov 17 j 04:22	22°♏30'59	
evening set	-2324 Nov 19 j 08:55	21°♏29'32	
inferior conj	-2324 Nov 24 j 22:29	15°♏27'01	2°26'46
minimum elong	-2324 Nov 24 j 19:41	15°♏36'18	2°25'48
min. Earth dist.	-2324 Nov 25 j 21:49	14°♏09'59	0.66533 AU
morning rise	-2324 Nov 30 j 05:48	9°♏12'31	
direct	-2324 Dec 06 j 04:09	6°♏36'43	
morning max el	-2324 Dec 18 j 04:20	13°♏43'50	25°25'34
desc. node	-2324 Dec 28 j 11:27	25°♏57'13	
	-2324 Dec 31 j 10:46	0°♐	

	-2323 Jan 19 j 14:56	0°♑	
morning set	-2323 Jan 23 j 09:44	6°♑42'30	
max. Earth dist.	-2323 Jan 27 j 04:53	13°♑43'28	1.36415 AU
superior conj	-2323 Feb 02 j 01:57	25°♑07'20	-1°-35'-30
minimum elong	-2323 Feb 02 j 05:22	25°♑24'23	1°35'11
	-2323 Feb 04 j 12:18	0°♒	
evening rise	-2323 Feb 10 j 05:46	11°♒38'11	
asc. node	-2323 Feb 13 j 03:41	17°♒26'51	
	-2323 Feb 20 j 02:27	0°♓	
evening max el	-2323 Feb 27 j 18:39	9°♓56'13	19°47'34
retrograde	-2323 Mar 09 j 14:12	14°♓36'57	
evening set	-2323 Mar 11 j 19:46	14°♓23'31	
inferior conj	-2323 Mar 20 j 11:18	10°♓21'12	1°37'13
minimum elong	-2323 Mar 20 j 15:09	10°♓15'13	1°35'59
min. Earth dist.	-2323 Mar 22 j 19:24	8°♓54'16	0.55865 AU
desc. node	-2323 Mar 26 j 10:30	6°♓54'11	
morning rise	-2323 Mar 29 j 07:21	5°♓46'15	
direct	-2323 Apr 02 j 12:22	5°♓06'55	
morning max el	-2323 Apr 16 j 10:19	12°♓04'31	24°16'50
	-2323 Apr 30 j 01:37	0°♈	
morning set	-2323 May 11 j 07:51	21°♈21'29	
asc. node	-2323 May 12 j 03:04	23°♈02'51	
	-2323 May 15 j 08:52	0°♉	
superior conj	-2323 May 18 j 09:48	6°♉34'52	1°01'38
minimum elong	-2323 May 18 j 07:28	6°♉22'14	1°01'15
max. Earth dist.	-2323 May 20 j 02:59	10°♉16'35	1.33272 AU
evening rise	-2323 May 25 j 19:25	22°♉09'04	
	-2323 May 29 j 19:11	0°♊	
	-2323 Jun 17 j 02:38	0°♋	
desc. node	-2323 Jun 22 j 09:36	6°♋44'37	
evening max el	-2323 Jun 27 j 20:36	12°♋36'12	27°25'04
retrograde	-2323 Jul 11 j 13:40	19°♋57'37	
evening set	-2323 Jul 18 j 18:05	17°♋21'06	
min. Earth dist.	-2323 Jul 22 j 08:22	14°♋15'45	0.63246 AU
inferior conj	-2323 Jul 25 j 01:47	11°♋32'10	-3°-51'-34
minimum elong	-2323 Jul 25 j 05:49	11°♋22'02	3°50'40
morning rise	-2323 Jul 31 j 19:41	6°♋17'22	
direct	-2323 Aug 03 j 08:52	5°♋46'17	
asc. node	-2323 Aug 08 j 02:18	7°♋33'43	
morning max el	-2323 Aug 09 j 23:00	9°♋10'47	17°55'23
	-2323 Aug 23 j 18:20	0°♌	
morning set	-2323 Aug 26 j 13:31	4°♌54'39	
superior conj	-2323 Sep 07 j 13:17	25°♌30'17	1°06'29
minimum elong	-2323 Sep 07 j 18:46	25°♌53'06	1°05'53
	-2323 Sep 10 j 06:32	0°♍	
max. Earth dist.	-2323 Sep 13 j 22:30	5°♍57'25	1.43649 AU
desc. node	-2323 Sep 18 j 09:00	13°♍01'44	
evening rise	-2323 Sep 23 j 05:23	20°♍36'19	
	-2323 Sep 29 j 08:39	0°♎	
greatest brilliancy	-2323 Oct 16 j 19:17	25°♎07'15	-0.5m
	-2323 Oct 20 j 19:12	0°♏	
evening max el	-2323 Oct 22 j 09:51	1°♏44'16	20°55'35
retrograde	-2323 Oct 30 j 18:26	6°♏41'24	
evening set	-2323 Nov 03 j 16:16	5°♏14'18	
asc. node	-2323 Nov 04 j 01:25	4°♏56'22	
	-2323 Nov 08 j 09:36	30°℞♎	
inferior conj	-2323 Nov 09 j 02:47	29°♎01'32	1°40'37
minimum elong	-2323 Nov 09 j 00:38	29°♎08'51	1°39'47
min. Earth dist.	-2323 Nov 09 j 14:18	28°♎22'09	0.67164 AU
morning rise	-2323 Nov 14 j 08:37	22°♎45'08	
direct	-2323 Nov 19 j 15:33	20°♎28'42	
morning max el	-2323 Nov 30 j 13:01	26°♎58'29	24°01'32
	-2323 Dec 03 j 08:42	0°♏	
desc. node	-2323 Dec 15 j 08:28	15°♏30'10	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2323 Dec 25 j 02:31	0°♐		
morning set	-2322 Jan 05 j 03:08	18°♐01'23		
max. Earth dist.	-2322 Jan 09 j 01:17	24°♐53'27	1.38385 AU	
	-2322 Jan 11 j 21:08	0°♑		
superior conj	-2322 Jan 16 j 05:39	8°♑07'52	-1°-51'-1	
minimum elong	-2322 Jan 16 j 08:17	8°♑20'24	1°50'57	
evening rise	-2322 Jan 25 j 03:46	25°♑30'30		
	-2322 Jan 27 j 11:05	0°♒		
asc. node	-2322 Jan 31 j 00:43	6°♒42'54		
evening max el	-2322 Feb 10 j 15:53	22°♒06'51	18°54'25	
retrograde	-2322 Feb 18 j 23:51	26°♒07'42		
evening set	-2322 Feb 21 j 08:11	25°♒49'53		
inferior conj	-2322 Mar 01 j 06:07	21°♒31'42	2°58'50	
minimum elong	-2322 Mar 01 j 10:41	21°♒23'27	2°57'45	
min. Earth dist.	-2322 Mar 04 j 11:22	19°♒13'45	0.57360 AU	
morning rise	-2322 Mar 09 j 09:13	16°♒25'21		
desc. node	-2322 Mar 13 j 07:35	15°♒20'37		
direct	-2322 Mar 14 j 18:46	15°♒15'23		
morning max el	-2322 Mar 29 j 01:38	22°♒40'26	25°49'51	
	-2322 Apr 04 j 13:47	0°♓		
	-2322 Apr 22 j 17:20	0°♈		
morning set	-2322 Apr 25 j 19:42	6°♈21'52		
asc. node	-2322 Apr 29 j 00:07	13°♈09'41		
superior conj	-2322 May 02 j 20:42	21°♈34'22	0°39'36	
minimum elong	-2322 May 02 j 19:02	21°♈25'19	0°39'16	
max. Earth dist.	-2322 May 03 j 13:35	23°♈06'39	1.32699 AU	
	-2322 May 06 j 17:56	0°♉		
evening rise	-2322 May 09 j 23:34	6°♉49'00		
	-2322 May 22 j 08:15	0°♊		
desc. node	-2322 Jun 09 j 06:39	24°♊14'30		
evening max el	-2322 Jun 10 j 02:33	25°♊02'58	27°05'13	
	-2322 Jun 16 j 10:15	0°♋		
retrograde	-2322 Jun 24 j 01:03	2°♋22'58		
evening set	-2322 Jul 01 j 00:33	0°♋09'58		
	-2322 Jul 01 j 06:50	30°℞♊		
min. Earth dist.	-2322 Jul 04 j 16:16	27°♊25'54	0.61354 AU	
inferior conj	-2322 Jul 07 j 21:00	24°♊36'38	-4°-20'-45	
minimum elong	-2322 Jul 07 j 23:39	24°♊30'44	4°20'25	
morning rise	-2322 Jul 15 j 01:39	19°♊43'03		
direct	-2322 Jul 17 j 13:08	19°♊17'39		
morning max el	-2322 Jul 24 j 12:46	22°♊45'40	18°00'46	
asc. node	-2322 Jul 25 j 23:23	24°♊16'58		
	-2322 Jul 30 j 05:17	0°♋		
morning set	-2322 Aug 09 j 11:48	17°♋53'40		
	-2322 Aug 16 j 03:01	0°♌		
superior conj	-2322 Aug 19 j 20:54	6°♌38'58	1°32'48	
minimum elong	-2322 Aug 20 j 01:07	6°♌57'27	1°32'30	
max. Earth dist.	-2322 Aug 27 j 08:56	19°♌26'23	1.42114 AU	
evening rise	-2322 Sep 02 j 17:07	29°♌43'48		
	-2322 Sep 02 j 21:12	0°♍		
desc. node	-2322 Sep 05 j 06:00	3°♍43'41		
	-2322 Sep 22 j 23:40	0°♎		
greatest brilliancy	-2322 Sep 30 j 10:52	9°♎49'24	-0.3m	
evening max el	-2322 Oct 05 j 04:39	15°♎10'43	22°10'20	
retrograde	-2322 Oct 14 j 14:16	20°♎46'12		
evening set	-2322 Oct 19 j 00:13	19°♎01'16		
asc. node	-2322 Oct 21 j 22:30	15°♎58'10		
inferior conj	-2322 Oct 24 j 09:13	12°♎41'57	0°50'07	
minimum elong	-2322 Oct 24 j 08:04	12°♎45'55	0°49'38	
min. Earth dist.	-2322 Oct 24 j 10:05	12°♎38'58	0.67475 AU	
morning rise	-2322 Oct 29 j 15:45	6°♎26'17		
direct	-2322 Nov 03 j 07:30	4°♎31'45		
morning max el	-2322 Nov 12 j 23:53	10°♎17'15	22°34'31	
greatest brilliancy	-2322 Nov 17 j 16:07	15°♎32'26	-0.3m	
	-2322 Nov 28 j 10:58	0°♏		
desc. node	-2322 Dec 02 j 05:29	5°♏29'10		
morning set	-2322 Dec 16 j 16:40	27°♏57'17		
	-2322 Dec 17 j 22:36	0°♐		
max. Earth dist.	-2322 Dec 21 j 21:39	6°♐37'27	1.40476 AU	
superior conj	-2322 Dec 29 j 16:28	20°♐15'28	-1°-57'-54	
minimum elong	-2322 Dec 29 j 16:43	20°♐16'37	1°57'58	
	-2321 Jan 03 j 23:37	0°♑		
evening rise	-2321 Jan 08 j 16:05	8°♑49'25		
asc. node	-2321 Jan 17 j 21:46	25°♑29'24		
	-2321 Jan 20 j 21:02	0°♒		
evening max el	-2321 Jan 24 j 21:09	4°♒47'25	18°21'23	
retrograde	-2321 Feb 01 j 04:01	8°♒23'43		
evening set	-2321 Feb 03 j 16:03	7°♒59'21		
inferior conj	-2321 Feb 10 j 21:40	3°♒20'29	3°43'47	
minimum elong	-2321 Feb 11 j 00:13	3°♒15'07	3°43'26	
min. Earth dist.	-2321 Feb 14 j 07:18	0°♒30'43	0.59306 AU	
	-2321 Feb 14 j 23:03	30°℞♑		
morning rise	-2321 Feb 18 j 04:56	27°♑49'36		
direct	-2321 Feb 24 j 14:23	26°♑00'50		
desc. node	-2321 Feb 28 j 04:41	26°♑33'57		
	-2321 Mar 06 j 15:03	0°♒		
morning max el	-2321 Mar 10 j 21:05	3°♒40'19	27°00'52	
	-2321 Mar 30 j 02:19	0°♓		
morning set	-2321 Apr 10 j 05:38	21°♓15'22		
	-2321 Apr 14 j 08:09	0°♈		
asc. node	-2321 Apr 15 j 21:10	3°♈21'30		
superior conj	-2321 Apr 17 j 08:29	6°♈34'51	0°15'28	
minimum elong	-2321 Apr 17 j 07:48	6°♈31'05	0°15'19	
behind sun begin	-2321 Apr 17 j 06:36	6°♈24'30		
behind sun end	-2321 Apr 17 j 09:00	6°♈37'40		
max. Earth dist.	-2321 Apr 17 j 02:40	6°♈02'58	1.32477 AU	
evening rise	-2321 Apr 24 j 08:15	21°♈41'07		
	-2321 Apr 28 j 10:15	0°♉		
	-2321 May 16 j 23:03	0°♊		
evening max el	-2321 May 23 j 02:27	6°♊47'13	26°13'06	
desc. node	-2321 May 27 j 03:44	10°♊12'35		
retrograde	-2321 Jun 06 j 04:16	14°♊03'30		
evening set	-2321 Jun 12 j 10:37	12°♊26'14		
min. Earth dist.	-2321 Jun 16 j 15:25	9°♊46'28	0.59301 AU	
inferior conj	-2321 Jun 20 j 00:07	7°♊11'37	-4°-29'-45	
minimum elong	-2321 Jun 19 j 23:42	7°♊12'24	4°29'43	
morning rise	-2321 Jun 27 j 16:26	2°♊40'21		
direct	-2321 Jun 30 j 03:49	2°♊19'03		
morning max el	-2321 Jul 07 j 22:01	6°♊01'42	18°25'46	
asc. node	-2321 Jul 12 j 20:27	12°♊00'01		
	-2321 Jul 23 j 04:13	0°♋		
morning set	-2321 Jul 23 j 23:46	1°♋33'28		
superior conj	-2321 Aug 02 j 04:22	18°♋59'01	1°45'53	
minimum elong	-2321 Aug 02 j 06:07	19°♋07'06	1°45'53	
	-2321 Aug 08 j 07:20	0°♌		
max. Earth dist.	-2321 Aug 09 j 13:40	2°♌11'57	1.40235 AU	
evening rise	-2321 Aug 14 j 02:24	9°♌52'52		
desc. node	-2321 Aug 23 j 03:00	24°♌18'36		
	-2321 Aug 26 j 21:05	0°♍		
evening max el	-2321 Sep 17 j 18:39	28°♍38'53	23°30'27	
	-2321 Sep 19 j 04:21	0°♎		
retrograde	-2321 Sep 28 j 07:05	4°♎51'49		
evening set	-2321 Oct 03 j 06:58	2°♎47'56		
	-2321 Oct 05 j 23:13	30°℞♍		
inferior conj	-2321 Oct 08 j 15:58	26°♍25'57	0°-3'-6	
minimum elong	-2321 Oct 08 j 16:02	26°♍25'42	0°03'05	
transit middle	-2321 Oct 08 j 16:02	26°♍25'42	0°03'05	
transit begin	-2321 Oct 08 j 13:23	26°♍34'49		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

transit end	-2321 Oct 08 j 18:42	26°♍16'36	
min. Earth dist.	-2321 Oct 08 j 06:38	26°♍57'55	0.67484 AU
asc. node	-2321 Oct 08 j 19:35	26°♍13'35	
morning rise	-2321 Oct 14 j 01:11	20°♍13'55	
direct	-2321 Oct 18 j 02:57	18°♍40'57	
morning max el	-2321 Oct 26 j 16:07	23°♍42'29	21°12'39
greatest brilliancy	-2321 Nov 01 j 02:03	29°♍59'33	-0.5m
	-2321 Nov 01 j 02:12	0°♎	
desc. node	-2321 Nov 19 j 02:29	25°♎46'20	
	-2321 Nov 21 j 20:48	0°♏	
morning set	-2321 Nov 26 j 02:34	6°♏35'28	
max. Earth dist.	-2321 Dec 04 j 00:09	19°♏14'44	1.42404 AU
	-2321 Dec 10 j 10:52	0°♐	
superior conj	-2321 Dec 11 j 04:43	1°♐16'11	-1°-52'-7
minimum elong	-2321 Dec 11 j 01:01	1°♐00'22	1°52'00
evening rise	-2321 Dec 22 j 14:57	21°♐26'22	
	-2321 Dec 27 j 09:21	0°♑	
asc. node	-2320 Jan 04 j 18:49	13°♑36'40	
evening max el	-2320 Jan 08 j 07:29	17°♑48'55	18°08'14
retrograde	-2320 Jan 15 j 00:15	21°♑15'41	
evening set	-2320 Jan 17 j 15:47	20°♑43'32	
inferior conj	-2320 Jan 24 j 08:01	15°♑42'45	3°57'56
minimum elong	-2320 Jan 24 j 08:01	15°♑42'46	3°57'52
min. Earth dist.	-2320 Jan 27 j 09:52	12°♑45'50	0.61353 AU
morning rise	-2320 Jan 30 j 21:45	9°♑55'26	
direct	-2320 Feb 06 j 20:19	7°♑32'18	
desc. node	-2320 Feb 15 j 01:44	10°♑25'59	
morning max el	-2320 Feb 20 j 22:34	15°♑18'10	27°39'17
	-2320 Mar 03 j 22:35	0°♒	
	-2320 Mar 21 j 13:06	0°♓	
morning set	-2320 Mar 24 j 11:45	5°♓55'10	
max. Earth dist.	-2320 Mar 30 j 14:34	18°♓52'56	1.32605 AU
superior conj	-2320 Mar 31 j 19:29	21°♓30'14	0°-9'-57
minimum elong	-2320 Mar 31 j 19:57	21°♓32'44	0°09'52
behind sun begin	-2320 Mar 31 j 15:57	21°♓10'56	
behind sun end	-2320 Mar 31 j 23:57	21°♓54'31	
asc. node	-2320 Apr 01 j 18:12	23°♓34'09	
	-2320 Apr 04 j 17:02	0°♈	
evening rise	-2320 Apr 07 j 19:23	6°♈38'05	
	-2320 Apr 20 j 04:17	0°♉	
evening max el	-2320 May 03 j 20:28	17°♉51'57	24°54'37
desc. node	-2320 May 13 j 00:48	24°♉04'25	
retrograde	-2320 May 17 j 20:44	24°♉58'17	
evening set	-2320 May 22 j 22:25	23°♉59'34	
min. Earth dist.	-2320 May 28 j 08:27	21°♉07'33	0.57361 AU
inferior conj	-2320 May 31 j 08:02	19°♉08'29	-4°-7'-49
minimum elong	-2320 May 31 j 03:37	19°♉15'54	4°07'10
morning rise	-2320 Jun 08 j 12:47	14°♉57'47	
direct	-2320 Jun 11 j 01:09	14°♉39'28	
morning max el	-2320 Jun 19 j 23:50	18°♉49'52	19°11'15
	-2320 Jun 28 j 10:27	0°♊	
asc. node	-2320 Jun 28 j 17:31	0°♊29'31	
morning set	-2320 Jul 06 j 21:30	15°♊44'19	
	-2320 Jul 14 j 02:14	0°♋	
superior conj	-2320 Jul 15 j 05:57	2°♋14'48	1°48'12
minimum elong	-2320 Jul 15 j 05:31	2°♋12'42	1°48'15
max. Earth dist.	-2320 Jul 21 j 16:08	14°♋20'07	1.38263 AU
evening rise	-2320 Jul 25 j 13:28	21°♋16'43	
	-2320 Jul 30 j 16:27	0°♌	
desc. node	-2320 Aug 09 j 00:03	14°♌42'07	
	-2320 Aug 19 j 20:18	0°♍	
evening max el	-2320 Aug 30 j 06:15	12°♍11'07	24°49'19
retrograde	-2320 Sep 10 j 19:58	18°♍55'20	
evening set	-2320 Sep 16 j 10:51	16°♍33'03	

min. Earth dist.	-2320 Sep 21 j 01:28	11°♍18'03	0.67187 AU
inferior conj	-2320 Sep 21 j 21:21	10°♍12'05	0°-57'-26
minimum elong	-2320 Sep 21 j 22:44	10°♍07'29	0°56'51
asc. node	-2320 Sep 24 j 16:39	6°♍40'32	
morning rise	-2320 Sep 27 j 11:00	4°♍06'53	
direct	-2320 Oct 01 j 00:40	2°♍53'20	
morning max el	-2320 Oct 08 j 15:45	7°♍17'37	20°01'44
greatest brilliancy	-2320 Oct 15 j 23:23	16°♍18'37	-0.6m
	-2320 Oct 25 j 08:26	0°♎	
morning set	-2320 Nov 03 j 23:51	14°♎45'06	
desc. node	-2320 Nov 04 j 23:29	16°♎16'39	
	-2320 Nov 13 j 17:32	0°♏	
max. Earth dist.	-2320 Nov 15 j 10:47	2°♏44'15	1.43895 AU
superior conj	-2320 Nov 20 j 14:05	11°♏01'21	-1°-29'-49
minimum elong	-2320 Nov 20 j 06:50	10°♏31'52	1°29'12
	-2320 Dec 01 j 22:50	0°♐	
evening rise	-2320 Dec 03 j 20:11	3°♐14'06	
	-2320 Dec 20 j 20:03	0°♑	
asc. node	-2320 Dec 21 j 15:51	0°♑53'28	
evening max el	-2320 Dec 21 j 19:58	1°♑03'59	18°14'15
retrograde	-2320 Dec 28 j 08:21	4°♑33'59	
evening set	-2320 Dec 31 j 03:40	3°♑53'05	
	-2319 Jan 05 j 00:14	30°℞♐	
inferior conj	-2319 Jan 06 j 09:26	28°♐31'27	3°49'35
minimum elong	-2319 Jan 06 j 07:34	28°♐36'33	3°49'19
min. Earth dist.	-2319 Jan 08 j 21:30	25°♐48'54	0.63237 AU
morning rise	-2319 Jan 12 j 09:47	22°♐32'41	
direct	-2319 Jan 19 j 10:23	19°♐48'15	
desc. node	-2319 Jan 31 j 22:47	26°♐22'04	
morning max el	-2319 Feb 02 j 05:17	27°♐35'19	27°41'05
	-2319 Feb 04 j 12:55	0°♑	
	-2319 Feb 25 j 14:42	0°♒	
morning set	-2319 Mar 08 j 11:40	20°♒12'30	
	-2319 Mar 13 j 05:49	0°♓	
max. Earth dist.	-2319 Mar 13 j 21:21	1°♓22'04	1.33115 AU
superior conj	-2319 Mar 16 j 03:57	6°♓13'38	0°-35'-46
minimum elong	-2319 Mar 16 j 05:35	6°♓22'28	0°35'27
asc. node	-2319 Mar 19 j 15:13	13°♓42'53	
evening rise	-2319 Mar 23 j 07:05	21°♓32'13	
	-2319 Mar 27 j 10:24	0°♈	
evening max el	-2319 Apr 15 j 11:51	28°♈32'40	23°21'39
	-2319 Apr 17 j 02:15	0°♉	
retrograde	-2319 Apr 29 j 00:27	5°♉16'02	
desc. node	-2319 Apr 29 j 21:52	5°♉14'15	
evening set	-2319 May 02 j 17:07	4°♉46'07	
min. Earth dist.	-2319 May 09 j 22:18	1°♉29'08	0.55864 AU
inferior conj	-2319 May 11 j 20:00	0°♉21'38	-3°-4'-53
minimum elong	-2319 May 11 j 13:30	0°♉31'17	3°03'09
	-2319 May 12 j 10:40	30°℞♈	
morning rise	-2319 May 20 j 13:11	26°♈24'44	
direct	-2319 May 23 j 03:38	26°♈08'07	
	-2319 Jun 01 j 12:15	0°♉	
morning max el	-2319 Jun 02 j 15:43	1°♉00'19	20°17'21
asc. node	-2319 Jun 15 j 14:33	19°♉33'40	
	-2319 Jun 20 j 22:33	0°♊	
morning set	-2319 Jun 21 j 01:57	0°♊17'13	
superior conj	-2319 Jun 28 j 20:31	16°♊11'01	1°42'13
minimum elong	-2319 Jun 28 j 18:40	16°♊01'38	1°42'09
max. Earth dist.	-2319 Jul 03 j 21:40	26°♊09'01	1.36432 AU
	-2319 Jul 05 j 22:12	0°♋	
evening rise	-2319 Jul 07 j 22:58	3°♋46'45	
	-2319 Jul 23 j 15:22	0°♌	
desc. node	-2319 Jul 26 j 21:05	4°♌47'41	
evening max el	-2319 Aug 12 j 17:21	25°♌44'51	25°59'23

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2319 Aug 17 j 17:52	0°♍	
retrograde	-2319 Aug 25 j 04:11	2°♍51'18	
evening set	-2319 Aug 31 j 09:55	0°♍13'46	
	-2319 Aug 31 j 16:14	30°℞♌	
min. Earth dist.	-2319 Sep 04 j 16:08	25°♌36'14	0.66551 AU
inferior conj	-2319 Sep 05 j 23:31	23°♌57'27	-1°-51'-16
minimum elong	-2319 Sep 06 j 02:11	23°♌49'03	1°50'13
morning rise	-2319 Sep 11 j 19:13	18°♌02'17	
asc. node	-2319 Sep 11 j 13:41	18°♌10'55	
direct	-2319 Sep 14 j 22:56	17°♌05'00	
morning max el	-2319 Sep 21 j 22:31	21°♌01'22	19°05'05
	-2319 Sep 29 j 00:47	0°♍	
morning set	-2319 Oct 14 j 08:40	23°♍35'35	
	-2319 Oct 18 j 10:34	0°♎	
desc. node	-2319 Oct 22 j 20:31	6°♎55'51	
max. Earth dist.	-2319 Oct 29 j 03:08	16°♎48'07	1.44748 AU
superior conj	-2319 Oct 30 j 22:55	19°♎41'02	0°-50'-32
minimum elong	-2319 Oct 30 j 16:44	19°♎16'34	0°49'49
	-2319 Nov 06 j 10:35	0°♏	
evening rise	-2319 Nov 15 j 03:28	14°♏04'57	
	-2319 Nov 24 j 22:18	0°♐	
evening max el	-2319 Dec 05 j 07:54	14°♐26'57	18°38'37
asc. node	-2319 Dec 08 j 12:52	17°♐06'06	
retrograde	-2319 Dec 12 j 00:09	18°♐10'52	
evening set	-2319 Dec 15 j 00:20	17°♐19'54	
inferior conj	-2319 Dec 20 j 22:12	11°♐39'54	3°25'33
minimum elong	-2319 Dec 20 j 19:23	11°♐48'21	3°24'56
min. Earth dist.	-2319 Dec 22 j 19:10	9°♐25'43	0.64807 AU
morning rise	-2319 Dec 26 j 13:15	5°♐32'52	
direct	-2318 Jan 02 j 07:26	2°♐42'05	
morning max el	-2318 Jan 15 j 14:48	10°♐23'27	27°08'38
desc. node	-2318 Jan 18 j 19:49	13°♐48'09	
	-2318 Jan 31 j 03:55	0°♑	
	-2318 Feb 18 j 00:39	0°♒	
morning set	-2318 Feb 20 j 02:24	3°♒58'01	
max. Earth dist.	-2318 Feb 24 j 19:08	13°♒19'17	1.34045 AU
superior conj	-2318 Feb 28 j 07:56	20°♒38'54	-1°00'-54
minimum elong	-2318 Feb 28 j 10:38	20°♒53'05	1°00'28
	-2318 Mar 04 j 17:57	0°♓	
asc. node	-2318 Mar 06 j 12:14	3°♓43'34	
evening rise	-2318 Mar 07 j 17:36	6°♓17'22	
	-2318 Mar 20 j 16:41	0°♈	
evening max el	-2318 Mar 28 j 07:06	9°♈17'39	21°48'37
retrograde	-2318 Apr 09 j 17:18	15°♈19'54	
evening set	-2318 Apr 12 j 08:53	15°♈04'10	
desc. node	-2318 Apr 16 j 18:53	13°♈36'08	
inferior conj	-2318 Apr 21 j 17:33	11°♈00'25	-1°-22'-39
minimum elong	-2318 Apr 21 j 13:44	11°♈05'46	1°21'21
min. Earth dist.	-2318 Apr 21 j 11:42	11°♈08'38	0.55125 AU
morning rise	-2318 Apr 30 j 19:37	7°♈02'16	
direct	-2318 May 03 j 16:31	6°♈44'02	
morning max el	-2318 May 15 j 20:41	12°♈28'40	21°42'04
	-2318 May 28 j 16:12	0°♉	
asc. node	-2318 Jun 02 j 11:37	9°♉03'49	
morning set	-2318 Jun 05 j 10:49	15°♉05'34	
superior conj	-2318 Jun 12 j 20:11	0°♊36'09	1°29'59
minimum elong	-2318 Jun 12 j 17:40	0°♊22'59	1°29'45
	-2318 Jun 12 j 13:16	0°♊	
max. Earth dist.	-2318 Jun 16 j 11:09	8°♊03'35	1.34905 AU
evening rise	-2318 Jun 21 j 01:50	17°♊09'37	
	-2318 Jun 28 j 01:56	0°♋	
desc. node	-2318 Jul 13 j 18:06	24°♋27'19	
	-2318 Jul 17 j 23:13	0°♌	
evening max el	-2318 Jul 26 j 04:45	9°♌14'12	26°52'40
retrograde	-2318 Aug 08 j 07:26	16°♌32'56	
evening set	-2318 Aug 15 j 01:51	13°♌47'00	
min. Earth dist.	-2318 Aug 19 j 00:20	9°♌47'49	0.65556 AU
inferior conj	-2318 Aug 20 j 20:27	7°♌38'38	-2°-42'-38
minimum elong	-2318 Aug 21 j 00:10	7°♌27'46	2°41'22
morning rise	-2318 Aug 26 j 23:44	1°♌56'40	
asc. node	-2318 Aug 29 j 10:46	1°♌12'55	
direct	-2318 Aug 29 j 19:51	1°♌12'07	
morning max el	-2318 Sep 05 j 10:34	4°♌49'43	18°24'22
	-2318 Sep 22 j 12:46	0°♍	
morning set	-2318 Sep 24 j 19:36	3°♍43'37	
superior conj	-2318 Oct 09 j 22:49	28°♍00'41	0°-1'-25
minimum elong	-2318 Oct 09 j 22:38	27°♍59'59	0°01'25
behind sun begin	-2318 Oct 09 j 11:26	27°♍15'44	
behind sun end	-2318 Oct 10 j 09:50	28°♍44'13	
desc. node	-2318 Oct 09 j 17:30	27°♍39'41	
	-2318 Oct 11 j 05:03	0°♎	
max. Earth dist.	-2318 Oct 11 j 21:23	1°♎04'23	1.44877 AU
evening rise	-2318 Oct 26 j 10:15	23°♎53'46	
	-2318 Oct 30 j 07:31	0°♏	
greatest brilliancy	-2318 Nov 09 j 01:17	15°♏04'38	-0.7m
evening max el	-2318 Nov 18 j 16:55	27°♏53'02	19°20'11
	-2318 Nov 21 j 00:37	0°♐	
asc. node	-2318 Nov 25 j 09:55	1°♐58'43	
retrograde	-2318 Nov 25 j 20:05	1°♐59'45	
evening set	-2318 Nov 29 j 02:57	0°♐56'45	
	-2318 Nov 30 j 09:12	30°℞♏	
inferior conj	-2318 Dec 04 j 19:01	25°♏01'31	2°50'34
minimum elong	-2318 Dec 04 j 16:02	25°♏11'07	2°49'40
min. Earth dist.	-2318 Dec 06 j 01:51	23°♏22'39	0.66008 AU
morning rise	-2318 Dec 10 j 04:18	18°♏48'49	
direct	-2318 Dec 16 j 10:44	16°♏04'37	
morning max el	-2318 Dec 29 j 00:21	23°♏28'52	26°08'43
	-2317 Jan 03 j 20:36	0°♐	
desc. node	-2317 Jan 05 j 16:52	2°♐17'19	
	-2317 Jan 24 j 12:09	0°♑	
morning set	-2317 Feb 03 j 03:55	16°♑58'57	
max. Earth dist.	-2317 Feb 07 j 05:07	24°♑41'08	1.35425 AU
	-2317 Feb 09 j 21:50	0°♒	
superior conj	-2317 Feb 12 j 05:05	4°♒38'28	-1°-23'-56
minimum elong	-2317 Feb 12 j 08:27	4°♒55'35	1°23'32
evening rise	-2317 Feb 20 j 01:00	20°♒46'54	
asc. node	-2317 Feb 21 j 09:16	23°♒31'11	
	-2317 Feb 24 j 16:00	0°♓	
evening max el	-2317 Mar 10 j 11:45	20°♓31'04	20°26'53
retrograde	-2317 Mar 21 j 07:10	25°♓40'42	
evening set	-2317 Mar 23 j 12:49	25°♓28'22	
inferior conj	-2317 Apr 01 j 13:20	21°♓30'36	0°35'22
minimum elong	-2317 Apr 01 j 14:56	21°♓28'16	0°34'48
min. Earth dist.	-2317 Apr 03 j 01:48	20°♓37'15	0.55325 AU
desc. node	-2317 Apr 03 j 15:56	20°♓16'54	
morning rise	-2317 Apr 10 j 14:55	17°♓12'16	
direct	-2317 Apr 14 j 05:02	16°♓44'13	
morning max el	-2317 Apr 27 j 16:20	23°♓19'55	23°19'27
	-2317 May 03 j 14:53	0°♈	
asc. node	-2317 May 20 j 08:41	28°♈52'50	
morning set	-2317 May 20 j 22:11	0°♉03'18	
	-2317 May 20 j 21:33	0°♉	
superior conj	-2317 May 28 j 01:59	15°♉20'48	1°13'03
minimum elong	-2317 May 27 j 23:26	15°♉07'10	1°12'42
max. Earth dist.	-2317 May 30 j 10:26	20°♉20'41	1.33751 AU
	-2317 Jun 04 j 02:59	0°♊	
evening rise	-2317 Jun 04 j 17:22	1°♊11'49	
	-2317 Jun 21 j 00:47	0°♋	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2317 Jun 30 j 15:06	13°♋30'15	
evening max el	-2317 Jul 08 j 15:55	22°♋30'04	27°21'51
retrograde	-2317 Jul 22 j 05:14	29°♋52'31	
evening set	-2317 Jul 29 j 07:49	27°♋08'51	
min. Earth dist.	-2317 Aug 02 j 00:08	23°♋45'37	0.64186 AU
inferior conj	-2317 Aug 04 j 09:50	21°♋11'44	-3°-28'-49
minimum elong	-2317 Aug 04 j 14:01	21°♋00'33	3°27'41
morning rise	-2317 Aug 10 j 22:02	15°♋46'00	
direct	-2317 Aug 13 j 12:58	15°♋10'54	
asc. node	-2317 Aug 16 j 07:52	15°♋50'39	
morning max el	-2317 Aug 20 j 01:28	18°♋38'07	18°00'47
	-2317 Aug 28 j 09:17	0°♌	
morning set	-2317 Sep 06 j 09:47	15°♌10'32	
	-2317 Sep 15 j 04:52	0°♍	
superior conj	-2317 Sep 19 j 12:17	7°♍04'02	0°44'54
minimum elong	-2317 Sep 19 j 16:58	7°♍23'06	0°44'19
max. Earth dist.	-2317 Sep 24 j 14:36	15°♍15'43	1.44289 AU
desc. node	-2317 Sep 26 j 14:31	18°♍25'44	
	-2317 Oct 04 j 00:04	0°♎	
evening rise	-2317 Oct 05 j 21:03	2°♎53'54	
	-2317 Oct 23 j 22:17	0°♏	
greatest brilliancy	-2317 Oct 26 j 07:01	3°♏17'08	-0.6m
evening max el	-2317 Nov 01 j 21:10	11°♏20'20	20°17'03
retrograde	-2317 Nov 09 j 17:28	15°♏57'11	
asc. node	-2317 Nov 12 j 06:58	15°♏19'18	
evening set	-2317 Nov 13 j 09:10	14°♏39'43	
inferior conj	-2317 Nov 18 j 21:16	8°♏32'33	2°07'51
minimum elong	-2317 Nov 18 j 18:42	8°♏41'13	2°06'54
min. Earth dist.	-2317 Nov 19 j 15:29	7°♏31'20	0.66847 AU
morning rise	-2317 Nov 24 j 03:39	2°♏16'46	
	-2317 Nov 28 j 04:24	30°℞♎	
direct	-2317 Nov 29 j 19:35	29°♎48'21	
	-2317 Dec 01 j 12:19	0°♏	
morning max el	-2317 Dec 11 j 08:54	6°♏41'17	24°50'34
desc. node	-2317 Dec 23 j 13:55	21°♏31'12	
	-2317 Dec 29 j 12:59	0°♐	
morning set	-2316 Jan 16 j 10:51	29°♐00'02	
	-2316 Jan 17 j 00:21	0°♑	
max. Earth dist.	-2316 Jan 20 j 04:22	5°♑44'02	1.37224 AU
superior conj	-2316 Jan 26 j 16:18	18°♑03'56	-1°-42'-56
minimum elong	-2316 Jan 26 j 19:33	18°♑19'49	1°42'43
	-2316 Feb 01 j 16:23	0°♒	
evening rise	-2316 Feb 04 j 03:10	4°♒54'45	
asc. node	-2316 Feb 08 j 06:17	13°♒00'34	
	-2316 Feb 18 j 22:06	0°♓	
evening max el	-2316 Feb 21 j 03:24	2°♓22'00	19°22'32
retrograde	-2316 Mar 01 j 06:34	6°♓43'27	
evening set	-2316 Mar 03 j 13:02	6°♓28'31	
inferior conj	-2316 Mar 11 j 21:12	2°♓20'51	2°16'21
minimum elong	-2316 Mar 12 j 01:50	2°♓13'12	2°15'01
min. Earth dist.	-2316 Mar 14 j 16:44	0°♓30'11	0.56425 AU
	-2316 Mar 15 j 12:03	30°℞♒	
morning rise	-2316 Mar 20 j 10:49	27°♒32'07	
desc. node	-2316 Mar 20 j 13:01	27°♒30'12	
direct	-2316 Mar 25 j 04:15	26°♒41'00	
	-2316 Apr 03 j 14:11	0°♓	
morning max el	-2316 Apr 08 j 07:13	3°♓52'41	24°58'14
	-2316 Apr 26 j 19:18	0°♈	
morning set	-2316 May 04 j 10:19	15°♈04'13	
asc. node	-2316 May 06 j 05:43	18°♈54'31	
superior conj	-2316 May 11 j 11:33	0°♉16'41	0°52'35
minimum elong	-2316 May 11 j 09:27	0°♉05'18	0°52'14
	-2316 May 11 j 08:29	0°♉	
max. Earth dist.	-2316 May 12 j 17:51	3°♉01'04	1.32979 AU
evening rise	-2316 May 18 j 17:47	15°♉40'58	
	-2316 May 26 j 03:17	0°♊	
	-2316 Jun 15 j 00:58	0°♋	
desc. node	-2316 Jun 16 j 12:09	1°♋40'17	
evening max el	-2316 Jun 20 j 00:42	5°♋18'51	27°20'54
retrograde	-2316 Jul 03 j 20:36	12°♋39'47	
evening set	-2316 Jul 11 j 00:03	10°♋11'54	
min. Earth dist.	-2316 Jul 14 j 14:03	7°♋17'04	0.62465 AU
inferior conj	-2316 Jul 17 j 12:39	4°♋29'09	-4°-5'-53
minimum elong	-2316 Jul 17 j 16:18	4°♋20'26	4°05'14
	-2316 Jul 23 j 02:43	30°℞♊	
morning rise	-2316 Jul 24 j 10:58	29°♊22'48	
direct	-2316 Jul 26 j 23:09	28°♊54'22	
	-2316 Jul 30 j 17:23	0°♋	
asc. node	-2316 Aug 02 j 04:58	1°♋52'16	
morning max el	-2316 Aug 02 j 16:23	2°♋19'28	17°55'19
morning set	-2316 Aug 18 j 22:01	27°♋40'39	
	-2316 Aug 20 j 05:10	0°♌	
superior conj	-2316 Aug 30 j 04:01	17°♌25'18	1°19'21
minimum elong	-2316 Aug 30 j 09:16	17°♌47'36	1°18'51
max. Earth dist.	-2316 Sep 06 j 04:18	29°♌05'25	1.43059 AU
	-2316 Sep 06 j 17:44	0°♍	
desc. node	-2316 Sep 12 j 11:31	9°♍10'11	
evening rise	-2316 Sep 14 j 02:52	11°♍44'16	
	-2316 Sep 26 j 03:40	0°♎	
greatest brilliancy	-2316 Oct 09 j 17:36	18°♎55'41	-0.4m
evening max el	-2316 Oct 14 j 19:32	24°♎47'28	21°26'22
	-2316 Oct 23 j 10:39	0°♏	
retrograde	-2316 Oct 23 j 14:14	0°♏00'07	
	-2316 Oct 23 j 17:46	30°℞♎	
evening set	-2316 Oct 27 j 17:00	28°♎25'44	
asc. node	-2316 Oct 29 j 04:03	27°♎06'38	
inferior conj	-2316 Nov 02 j 02:44	22°♎10'00	1°19'39
minimum elong	-2316 Nov 02 j 00:58	22°♎16'02	1°18'55
min. Earth dist.	-2316 Nov 02 j 09:40	21°♎46'06	0.67345 AU
morning rise	-2316 Nov 07 j 08:37	15°♎53'41	
direct	-2316 Nov 12 j 09:08	13°♎46'13	
morning max el	-2316 Nov 22 j 17:57	19°♎56'59	23°24'12
greatest brilliancy	-2316 Nov 28 j 08:01	26°♎16'00	-0.2m
	-2316 Dec 01 j 06:40	0°♏	
desc. node	-2316 Dec 09 j 10:57	11°♏16'40	
	-2316 Dec 21 j 18:16	0°♐	
morning set	-2316 Dec 27 j 16:55	9°♐44'44	
max. Earth dist.	-2316 Dec 31 j 23:48	17°♐05'07	1.39283 AU
	-2315 Jan 08 j 03:59	0°♑	
superior conj	-2315 Jan 08 j 13:31	0°♑44'19	-1°-55'-14
minimum elong	-2315 Jan 08 j 15:22	0°♑52'53	1°55'14
evening rise	-2315 Jan 17 j 21:27	18°♑34'10	
	-2315 Jan 23 j 23:03	0°♒	
asc. node	-2315 Jan 25 j 03:20	2°♒05'18	
evening max el	-2315 Feb 03 j 04:29	14°♒47'08	18°37'54
retrograde	-2315 Feb 11 j 00:07	18°♒35'19	
evening set	-2315 Feb 13 j 10:13	18°♒14'44	
inferior conj	-2315 Feb 21 j 00:51	13°♒47'56	3°22'12
minimum elong	-2315 Feb 21 j 04:46	13°♒40'24	3°21'27
min. Earth dist.	-2315 Feb 24 j 09:50	11°♒13'49	0.58159 AU
morning rise	-2315 Feb 28 j 19:34	8°♒30'30	
direct	-2315 Mar 06 j 16:31	7°♒04'21	
desc. node	-2315 Mar 07 j 10:06	7°♒05'41	
morning max el	-2315 Mar 20 j 23:39	14°♒35'55	26°23'35
	-2315 Apr 02 j 07:30	0°♓	
morning set	-2315 Apr 18 j 21:35	0°♈02'47	
	-2315 Apr 18 j 21:03	0°♈	
asc. node	-2315 Apr 23 j 02:45	9°♈04'17	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2315 Apr 25 j 23:01	15°♈17'33	0°29'34
minimum elong	-2315 Apr 25 j 21:45	15°♈10'34	0°29'19
max. Earth dist.	-2315 Apr 26 j 06:09	15°♈56'36	1.32565 AU
	-2315 May 02 j 18:53	0°♉	
evening rise	-2315 May 03 j 00:10	0°♉27'36	
	-2315 May 19 j 06:48	0°♊	
evening max el	-2315 Jun 02 j 04:27	17°♊28'45	26°46'53
desc. node	-2315 Jun 03 j 09:12	18°♊35'07	
retrograde	-2315 Jun 16 j 04:21	24°♊46'36	
evening set	-2315 Jun 22 j 22:15	22°♊47'51	
min. Earth dist.	-2315 Jun 26 j 17:54	20°♊07'52	0.60490 AU
inferior conj	-2315 Jun 30 j 01:27	17°♊22'22	-4°-27'-38
minimum elong	-2315 Jun 30 j 03:01	17°♊19'06	4°27'31
morning rise	-2315 Jul 07 j 10:56	12°♊38'01	
direct	-2315 Jul 09 j 22:21	12°♊14'21	
morning max el	-2315 Jul 17 j 04:30	15°♊46'56	18°08'58
asc. node	-2315 Jul 20 j 02:03	19°♊02'33	
	-2315 Jul 27 j 02:59	0°♋	
morning set	-2315 Aug 02 j 02:39	10°♋58'33	
superior conj	-2315 Aug 11 j 22:25	29°♋06'00	1°39'50
minimum elong	-2315 Aug 12 j 01:37	29°♋20'21	1°39'41
	-2315 Aug 12 j 10:30	0°♌	
max. Earth dist.	-2315 Aug 19 j 12:45	12°♌18'42	1.41348 AU
evening rise	-2315 Aug 24 j 22:32	21°♌14'28	
desc. node	-2315 Aug 30 j 08:32	29°♌49'46	
	-2315 Aug 30 j 11:10	0°♍	
	-2315 Sep 20 j 09:24	0°♎	
greatest brilliancy	-2315 Sep 22 j 14:52	2°♎46'19	-0.3m
evening max el	-2315 Sep 27 j 12:09	8°♎14'49	22°44'04
retrograde	-2315 Oct 07 j 08:51	14°♎06'03	
evening set	-2315 Oct 12 j 00:40	12°♎12'54	
asc. node	-2315 Oct 16 j 01:09	7°♎42'43	
inferior conj	-2315 Oct 17 j 09:30	5°♎52'05	0°27'48
minimum elong	-2315 Oct 17 j 08:51	5°♎54'20	0°27'30
min. Earth dist.	-2315 Oct 17 j 05:57	6°♎04'20	0.67523 AU
	-2315 Oct 22 j 06:31	30°℞♍	
morning rise	-2315 Oct 22 j 16:59	29°♍37'53	
direct	-2315 Oct 27 j 02:37	27°♍52'47	
	-2315 Nov 01 j 12:23	0°♎	
morning max el	-2315 Nov 05 j 06:49	3°♎18'27	21°58'39
greatest brilliancy	-2315 Nov 10 j 01:56	8°♎44'47	-0.4m
	-2315 Nov 25 j 09:20	0°♏	
desc. node	-2315 Nov 26 j 07:58	1°♏24'26	
morning set	-2315 Dec 07 j 18:00	19°♏05'01	
max. Earth dist.	-2315 Dec 13 j 22:59	29°♏13'54	1.41340 AU
	-2315 Dec 14 j 10:01	0°♐	
superior conj	-2315 Dec 21 j 15:27	12°♐25'25	-1°-57'-15
minimum elong	-2315 Dec 21 j 14:10	12°♐19'46	1°57'17
	-2315 Dec 31 j 07:41	0°♑	
evening rise	-2314 Jan 01 j 04:34	1°♑36'47	
asc. node	-2314 Jan 12 j 00:22	20°♑36'35	
evening max el	-2314 Jan 17 j 12:13	27°♑37'32	18°13'17
	-2314 Jan 20 j 13:01	0°♒	
retrograde	-2314 Jan 24 j 11:49	1°♒08'20	
evening set	-2314 Jan 27 j 01:20	0°♒40'45	
	-2314 Jan 28 j 13:58	30°℞♑	
inferior conj	-2314 Feb 03 j 00:50	25°♑52'11	3°53'04
minimum elong	-2314 Feb 03 j 02:16	25°♑48'59	3°52'54
min. Earth dist.	-2314 Feb 06 j 08:05	22°♑56'38	0.60182 AU
morning rise	-2314 Feb 10 j 00:11	20°♑13'23	
direct	-2314 Feb 16 j 16:26	18°♑09'14	
desc. node	-2314 Feb 22 j 07:10	19°♑30'09	
morning max el	-2314 Mar 02 j 21:48	25°♑51'45	27°21'41
	-2314 Mar 06 j 18:50	0°♒	
	-2314 Mar 26 j 16:04	0°♓	
morning set	-2314 Apr 03 j 06:08	14°♓51'28	
asc. node	-2314 Apr 09 j 23:47	29°♓16'54	
superior conj	-2314 Apr 10 j 10:39	0°♈16'21	0°04'47
minimum elong	-2314 Apr 10 j 10:26	0°♈15'10	0°04'45
behind sun begin	-2314 Apr 10 j 05:37	29°♓48'50	
behind sun end	-2314 Apr 10 j 15:14	0°♈41'31	
max. Earth dist.	-2314 Apr 09 j 19:22	28°♓52'43	1.32491 AU
	-2314 Apr 10 j 07:39	0°♈	
evening rise	-2314 Apr 17 j 10:07	15°♈22'28	
	-2314 Apr 24 j 18:49	0°♉	
evening max el	-2314 May 15 j 01:26	28°♉53'59	25°42'14
	-2314 May 16 j 05:59	0°♊	
desc. node	-2314 May 21 j 06:15	3°♊43'50	
retrograde	-2314 May 29 j 03:04	6°♊07'15	
evening set	-2314 Jun 03 j 22:41	4°♊46'26	
min. Earth dist.	-2314 Jun 08 j 13:40	2°♊03'35	0.58446 AU
	-2314 Jun 11 j 10:23	30°℞♉	
inferior conj	-2314 Jun 11 j 20:36	29°♉41'23	-4°-24'-56
minimum elong	-2314 Jun 11 j 18:29	29°♉45'14	4°24'45
morning rise	-2314 Jun 19 j 18:10	25°♉19'40	
direct	-2314 Jun 22 j 06:00	24°♉59'43	
morning max el	-2314 Jun 30 j 10:54	28°♉51'58	18°42'41
	-2314 Jul 01 j 14:04	0°♊	
asc. node	-2314 Jul 06 j 23:06	7°♊06'34	
morning set	-2314 Jul 16 j 19:07	24°♊52'16	
	-2314 Jul 19 j 10:16	0°♋	
superior conj	-2314 Jul 25 j 14:15	11°♋51'42	1°48'02
minimum elong	-2314 Jul 25 j 15:00	11°♋55'13	1°48'05
max. Earth dist.	-2314 Aug 01 j 15:58	24°♋47'01	1.39386 AU
	-2314 Aug 04 j 15:51	0°♌	
evening rise	-2314 Aug 05 j 18:43	1°♌54'36	
desc. node	-2314 Aug 17 j 05:33	20°♌20'32	
	-2314 Aug 23 j 18:12	0°♍	
evening max el	-2314 Sep 10 j 00:38	21°♍44'11	24°04'34
retrograde	-2314 Sep 21 j 00:11	28°♍11'53	
evening set	-2314 Sep 26 j 06:27	25°♍59'40	
min. Earth dist.	-2314 Oct 01 j 02:01	20°♍24'23	0.67391 AU
inferior conj	-2314 Oct 01 j 15:52	19°♍37'30	0°-26'-5
minimum elong	-2314 Oct 01 j 16:29	19°♍35'23	0°25'50
asc. node	-2314 Oct 02 j 22:12	17°♍55'59	
morning rise	-2314 Oct 07 j 02:46	13°♍28'10	
direct	-2314 Oct 10 j 23:03	12°♍04'02	
morning max el	-2314 Oct 19 j 02:15	16°♍48'52	20°41'01
greatest brilliancy	-2314 Oct 25 j 04:08	24°♍01'36	-0.5m
	-2314 Oct 29 j 12:54	0°♎	
desc. node	-2314 Nov 13 j 04:59	21°♎48'18	
morning set	-2314 Nov 16 j 19:59	27°♎24'12	
	-2314 Nov 18 j 11:57	0°♏	
max. Earth dist.	-2314 Nov 26 j 05:09	12°♏15'48	1.43102 AU
superior conj	-2314 Dec 02 j 16:39	22°♏54'59	-1°-44'-50
minimum elong	-2314 Dec 02 j 11:10	22°♏32'05	1°44'32
	-2314 Dec 06 j 21:05	0°♐	
evening rise	-2314 Dec 14 j 20:36	13°♐54'56	
	-2314 Dec 24 j 03:29	0°♑	
asc. node	-2314 Dec 29 j 21:24	8°♑24'29	
evening max el	-2314 Dec 31 j 23:46	10°♑45'53	18°08'23
retrograde	-2313 Jan 07 j 13:47	14°♑12'56	
evening set	-2313 Jan 10 j 06:41	13°♑37'22	
inferior conj	-2313 Jan 16 j 18:08	8°♑27'29	3°56'40
minimum elong	-2313 Jan 16 j 17:14	8°♑29'48	3°56'34
min. Earth dist.	-2313 Jan 19 j 14:32	5°♑34'14	0.62186 AU
morning rise	-2313 Jan 23 j 01:37	2°♑34'27	
direct	-2313 Jan 30 j 02:08	0°♑00'21	
desc. node	-2313 Feb 09 j 04:13	4°♑19'47	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning max el	-2313 Feb 13 j 02:01	7°♉48'11	27°44'25
	-2313 Mar 02 j 02:52	0°♒	
morning set	-2313 Mar 18 j 09:55	29°♒23'00	
	-2313 Mar 18 j 17:11	0°♓	
max. Earth dist.	-2313 Mar 24 j 05:30	11°♓35'07	1.32775 AU
superior conj	-2313 Mar 25 j 20:46	15°♓07'21	0°-20'-55
minimum elong	-2313 Mar 25 j 21:44	15°♓12'34	0°20'44
asc. node	-2313 Mar 27 j 20:47	19°♓28'18	
evening rise	-2313 Apr 01 j 21:41	0°♈18'44	
	-2313 Apr 01 j 18:08	0°♈	
	-2313 Apr 18 j 12:14	0°♉	
evening max el	-2313 Apr 26 j 17:23	9°♉44'28	24°15'50
desc. node	-2313 May 08 j 03:17	16°♉29'57	
retrograde	-2313 May 10 j 14:40	16°♉44'00	
evening set	-2313 May 15 j 01:57	15°♉59'16	
min. Earth dist.	-2313 May 21 j 05:00	12°♉57'48	0.56645 AU
inferior conj	-2313 May 23 j 19:43	11°♉19'02	-3°-46'-27
minimum elong	-2313 May 23 j 13:57	11°♉28'10	3°45'17
morning rise	-2313 Jun 01 j 05:56	7°♉15'43	
direct	-2313 Jun 03 j 18:44	6°♉58'31	
morning max el	-2313 Jun 13 j 08:47	11°♉25'12	19°37'00
asc. node	-2313 Jun 23 j 20:08	25°♉51'49	
	-2313 Jun 26 j 02:38	0°♊	
morning set	-2313 Jun 30 j 19:57	9°♊12'46	
superior conj	-2313 Jul 08 j 21:51	25°♊26'02	1°46'33
minimum elong	-2313 Jul 08 j 20:43	25°♊20'26	1°46'34
	-2313 Jul 11 j 05:56	0°♋	
max. Earth dist.	-2313 Jul 14 j 18:22	6°♋41'04	1.37445 AU
evening rise	-2313 Jul 18 j 15:49	13°♋47'43	
	-2313 Jul 28 j 05:26	0°♌	
desc. node	-2313 Aug 04 j 02:34	10°♌37'01	
	-2313 Aug 18 j 14:14	0°♍	
evening max el	-2313 Aug 23 j 11:37	5°♍16'41	25°20'48
retrograde	-2313 Sep 04 j 11:17	12°♍12'33	
evening set	-2313 Sep 10 j 08:30	9°♍43'12	
min. Earth dist.	-2313 Sep 14 j 19:25	4°♍43'46	0.66946 AU
inferior conj	-2313 Sep 15 j 20:04	3°♍23'31	-1°-20'-29
minimum elong	-2313 Sep 15 j 22:01	3°♍17'11	1°19'40
	-2313 Sep 18 j 14:00	30°℞♌	
asc. node	-2313 Sep 19 j 19:16	28°♌44'11	
morning rise	-2313 Sep 21 j 12:05	27°♌22'05	
direct	-2313 Sep 24 j 21:08	26°♌16'00	
	-2313 Oct 01 j 17:52	0°♍	
morning max el	-2313 Oct 02 j 05:00	0°♍27'47	19°35'48
greatest brilliancy	-2313 Oct 10 j 20:18	11°♍28'29	-0.7m
	-2313 Oct 23 j 02:41	0°♎	
morning set	-2313 Oct 26 j 19:16	5°♎43'02	
desc. node	-2313 Oct 31 j 02:00	12°♎22'49	
max. Earth dist.	-2313 Nov 08 j 17:56	25°♎59'59	1.44336 AU
	-2313 Nov 11 j 06:16	0°♏	
superior conj	-2313 Nov 12 j 14:34	2°♏09'16	-1°-15'-2
minimum elong	-2313 Nov 12 j 07:01	1°♏38'58	1°14'16
evening rise	-2313 Nov 26 j 16:56	25°♏19'04	
	-2313 Nov 29 j 11:45	0°♐	
evening max el	-2313 Dec 15 j 12:20	24°♐05'14	18°22'27
asc. node	-2313 Dec 16 j 18:26	25°♐16'05	
retrograde	-2313 Dec 22 j 01:30	27°♐39'54	
evening set	-2313 Dec 24 j 22:40	26°♐55'02	
inferior conj	-2313 Dec 31 j 00:50	21°♐25'35	3°40'57
minimum elong	-2313 Dec 30 j 22:27	21°♐32'21	3°40'32
min. Earth dist.	-2312 Jan 02 j 06:36	18°♐53'28	0.63952 AU
morning rise	-2312 Jan 05 j 20:45	15°♐22'54	
direct	-2312 Jan 12 j 19:34	12°♐33'35	
morning max el	-2312 Jan 26 j 10:10	20°♐19'53	27°30'59
desc. node	-2312 Jan 27 j 01:16	20°♐57'53	
	-2312 Feb 03 j 19:03	0°♉	
	-2312 Feb 23 j 02:55	0°♒	
morning set	-2312 Mar 01 j 06:23	13°♒28'38	
max. Earth dist.	-2312 Mar 06 j 08:41	23°♒51'03	1.33455 AU
superior conj	-2312 Mar 09 j 03:38	29°♒44'31	0°-46'-35
minimum elong	-2312 Mar 09 j 05:45	29°♒55'48	0°46'13
	-2312 Mar 09 j 06:32	0°♓	
asc. node	-2312 Mar 13 j 17:49	9°♓34'30	
evening rise	-2312 Mar 16 j 09:06	15°♓10'08	
	-2312 Mar 23 j 21:17	0°♈	
evening max el	-2312 Apr 07 j 09:48	20°♈24'51	22°41'20
retrograde	-2312 Apr 20 j 13:21	26°♈52'36	
evening set	-2312 Apr 23 j 17:23	26°♈30'38	
desc. node	-2312 Apr 24 j 00:19	26°♈26'32	
min. Earth dist.	-2312 May 01 j 18:51	22°♈59'07	0.55439 AU
inferior conj	-2312 May 03 j 00:33	22°♈16'35	-2°-25'-26
minimum elong	-2312 May 02 j 18:35	22°♈25'09	2°23'37
morning rise	-2312 May 11 j 22:12	18°♈20'57	
direct	-2312 May 14 j 14:24	18°♈04'15	
morning max el	-2312 May 25 j 20:05	23°♈18'43	20°51'19
	-2312 May 31 j 15:11	0°♉	
asc. node	-2312 Jun 09 j 17:11	15°♉08'32	
morning set	-2312 Jun 14 j 02:34	23°♉53'31	
	-2312 Jun 17 j 01:26	0°♊	
superior conj	-2312 Jun 21 j 16:45	9°♊36'19	1°37'42
minimum elong	-2312 Jun 21 j 14:31	9°♊24'54	1°37'33
max. Earth dist.	-2312 Jun 26 j 02:49	18°♊29'57	1.35739 AU
evening rise	-2312 Jun 30 j 09:26	26°♊43'00	
	-2312 Jul 02 j 03:57	0°♋	
desc. node	-2312 Jul 20 j 23:34	0°♌32'55	
	-2312 Jul 20 j 14:20	0°♌	
evening max el	-2312 Aug 04 j 23:01	18°♌50'28	26°24'41
retrograde	-2312 Aug 17 j 17:28	26°♌03'13	
evening set	-2312 Aug 24 j 04:49	23°♌21'23	
min. Earth dist.	-2312 Aug 28 j 07:45	18°♌59'54	0.66169 AU
inferior conj	-2312 Aug 29 j 20:18	17°♌08'00	-2°-13'-32
minimum elong	-2312 Aug 29 j 23:27	16°♌58'20	2°12'20
morning rise	-2312 Sep 04 j 19:01	11°♌17'44	
asc. node	-2312 Sep 05 j 16:20	10°♌51'50	
direct	-2312 Sep 07 j 19:13	10°♌26'12	
morning max el	-2312 Sep 14 j 14:12	14°♌13'42	18°45'40
	-2312 Sep 26 j 02:06	0°♍	
morning set	-2312 Oct 05 j 14:15	15°♍04'12	
	-2312 Oct 15 j 00:15	0°♎	
desc. node	-2312 Oct 16 j 23:00	3°♎04'21	
superior conj	-2312 Oct 21 j 16:54	10°♎32'45	0°-30'-12
minimum elong	-2312 Oct 21 j 12:56	10°♎17'10	0°29'42
max. Earth dist.	-2312 Oct 21 j 11:19	10°♎10'46	1.44896 AU
	-2312 Nov 02 j 23:57	0°♏	
evening rise	-2312 Nov 06 j 13:43	5°♏42'50	
	-2312 Nov 22 j 01:00	0°♐	
evening max el	-2312 Nov 27 j 23:23	7°♐30'23	18°54'23
asc. node	-2312 Dec 02 j 15:29	10°♐56'48	
retrograde	-2312 Dec 04 j 19:19	11°♐22'35	
evening set	-2312 Dec 07 j 22:11	10°♐26'40	
inferior conj	-2312 Dec 13 j 17:22	4°♐39'59	3°11'49
minimum elong	-2312 Dec 13 j 14:23	4°♐49'11	3°11'03
min. Earth dist.	-2312 Dec 15 j 08:10	2°♐40'21	0.65368 AU
	-2312 Dec 17 j 16:19	30°℞♏	
morning rise	-2312 Dec 19 j 05:35	28°♏30'32	
direct	-2312 Dec 25 j 19:26	25°♏41'02	
	-2311 Jan 04 j 05:43	0°♐	
morning max el	-2311 Jan 07 j 19:42	3°♐16'06	26°45'57

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2311 Jan 12 j 22:19	8°♐53'28	
	-2311 Jan 28 j 02:41	0°♑	
morning set	-2311 Feb 12 j 16:04	26°♑57'02	
	-2311 Feb 14 j 06:06	0°♒	
max. Earth dist.	-2311 Feb 17 j 01:31	5°♒32'29	1.34579 AU
superior conj	-2311 Feb 21 j 05:05	14°♒00'26	-1°-11'-1
minimum elong	-2311 Feb 21 j 08:08	14°♒16'15	1°10'35
evening rise	-2311 Feb 28 j 18:34	29°♒49'58	
asc. node	-2311 Feb 28 j 14:50	29°♒30'36	
	-2311 Feb 28 j 20:30	0°♓	
	-2311 Mar 19 j 00:43	0°♈	
evening max el	-2311 Mar 20 j 08:47	1°♈20'50	21°12'00
retrograde	-2311 Apr 01 j 03:02	7°♈00'30	
evening set	-2311 Apr 03 j 12:51	6°♈47'06	
desc. node	-2311 Apr 10 j 21:23	3°♈52'42	
inferior conj	-2311 Apr 12 j 19:35	2°♈48'21	0°-32'-30
minimum elong	-2311 Apr 12 j 18:03	2°♈50'31	0°31'58
min. Earth dist.	-2311 Apr 13 j 08:24	2°♈30'18	0.55098 AU
	-2311 Apr 18 j 04:29	30°℞♓	
morning rise	-2311 Apr 21 j 22:53	28°♓43'52	
direct	-2311 Apr 25 j 01:56	28°♓22'36	
	-2311 May 01 j 14:53	0°♈	
morning max el	-2311 May 07 j 20:34	4°♈29'42	22°22'25
	-2311 May 25 j 04:21	0°♉	
asc. node	-2311 May 27 j 14:14	4°♉47'44	
morning set	-2311 May 29 j 12:46	8°♉47'03	
superior conj	-2311 Jun 05 j 19:21	24°♉10'55	1°23'18
minimum elong	-2311 Jun 05 j 16:45	23°♉57'11	1°23'00
	-2311 Jun 08 j 14:07	0°♊	
max. Earth dist.	-2311 Jun 08 j 20:52	0°♊34'50	1.34375 AU
evening rise	-2311 Jun 13 j 18:16	10°♊24'33	
	-2311 Jun 24 j 13:53	0°♋	
desc. node	-2311 Jul 07 j 20:36	19°♋58'32	
	-2311 Jul 16 j 04:48	0°♌	
evening max el	-2311 Jul 18 j 10:43	2°♌16'09	27°08'25
retrograde	-2311 Jul 31 j 18:12	9°♌36'20	
evening set	-2311 Aug 07 j 16:52	6°♌50'07	
min. Earth dist.	-2311 Aug 11 j 12:35	3°♌06'43	0.65024 AU
inferior conj	-2311 Aug 13 j 14:20	0°♌46'26	-3°-3'-3
minimum elong	-2311 Aug 13 j 18:20	0°♌35'07	3°01'48
	-2311 Aug 14 j 06:53	30°℞♋	
morning rise	-2311 Aug 19 j 21:15	25°♋10'51	
direct	-2311 Aug 22 j 14:59	24°♋30'32	
asc. node	-2311 Aug 23 j 13:26	24°♋35'15	
morning max el	-2311 Aug 29 j 03:44	28°♋02'23	18°12'10
	-2311 Aug 30 j 22:22	0°♌	
morning set	-2311 Sep 16 j 13:14	25°♌47'29	
	-2311 Sep 19 j 02:11	0°♍	
superior conj	-2311 Sep 30 j 19:59	19°♍03'35	0°19'19
minimum elong	-2311 Sep 30 j 22:22	19°♍13'01	0°18'59
desc. node	-2311 Oct 03 j 20:02	23°♍49'32	
max. Earth dist.	-2311 Oct 04 j 06:00	24°♍28'58	1.44715 AU
	-2311 Oct 07 j 18:05	0°♎	
evening rise	-2311 Oct 17 j 10:53	15°♎08'18	
	-2311 Oct 27 j 01:46	0°♏	
greatest brilliancy	-2311 Nov 03 j 06:28	10°♏44'32	-0.7m
evening max el	-2311 Nov 11 j 06:36	20°♏57'31	19°42'41
retrograde	-2311 Nov 18 j 16:10	25°♏16'00	
asc. node	-2311 Nov 19 j 12:32	25°♏11'52	
evening set	-2311 Nov 22 j 02:38	24°♏06'56	
inferior conj	-2311 Nov 27 j 16:47	18°♏06'07	2°33'16
minimum elong	-2311 Nov 27 j 13:54	18°♏15'33	2°32'18
min. Earth dist.	-2311 Nov 28 j 17:58	16°♏43'30	0.66406 AU
morning rise	-2311 Dec 03 j 00:31	11°♏52'01	
direct	-2311 Dec 09 j 00:58	9°♏13'55	
morning max el	-2311 Dec 21 j 04:53	16°♏25'50	25°37'17
desc. node	-2311 Dec 30 j 19:22	27°♏43'45	
	-2310 Jan 01 j 12:14	0°♐	
	-2310 Jan 21 j 00:27	0°♑	
morning set	-2310 Jan 26 j 10:27	9°♑35'01	
max. Earth dist.	-2310 Jan 30 j 06:58	16°♑45'33	1.36148 AU
superior conj	-2310 Feb 04 j 22:29	27°♑47'19	-1°-32'-37
minimum elong	-2310 Feb 05 j 01:55	28°♑04'33	1°32'17
	-2310 Feb 06 j 00:53	0°♒	
evening rise	-2310 Feb 13 j 00:06	14°♒12'00	
asc. node	-2310 Feb 15 j 11:52	19°♒11'49	
	-2310 Feb 21 j 07:06	0°♓	
evening max el	-2310 Mar 02 j 18:05	12°♓50'08	19°57'07
retrograde	-2310 Mar 12 j 19:45	17°♓38'13	
evening set	-2310 Mar 15 j 01:05	17°♓25'13	
inferior conj	-2310 Mar 23 j 19:07	13°♓24'21	1°21'48
minimum elong	-2310 Mar 23 j 22:29	13°♓19'11	1°20'42
min. Earth dist.	-2310 Mar 25 j 22:30	12°♓05'59	0.55700 AU
desc. node	-2310 Mar 28 j 18:26	10°♓30'34	
morning rise	-2310 Apr 01 j 16:57	8°♓53'55	
direct	-2310 Apr 05 j 17:47	8°♓18'03	
morning max el	-2310 Apr 19 j 13:32	15°♓10'23	24°02'06
	-2310 May 01 j 05:46	0°♈	
morning set	-2310 May 14 j 00:43	23°♈47'18	
asc. node	-2310 May 14 j 11:18	24°♈43'01	
	-2310 May 16 j 22:47	0°♉	
superior conj	-2310 May 21 j 03:02	9°♉01'23	1°04'44
minimum elong	-2310 May 21 j 00:38	8°♉48'24	1°04'22
max. Earth dist.	-2310 May 23 j 00:06	13°♉03'11	1.33383 AU
evening rise	-2310 May 28 j 14:00	24°♉39'27	
	-2310 May 31 j 06:50	0°♊	
	-2310 Jun 18 j 03:11	0°♋	
desc. node	-2310 Jun 24 j 17:37	8°♋41'06	
evening max el	-2310 Jun 30 j 21:03	15°♋21'32	27°25'12
retrograde	-2310 Jul 14 j 13:13	22°♋43'26	
evening set	-2310 Jul 21 j 17:28	20°♋04'29	
min. Earth dist.	-2310 Jul 25 j 08:04	16°♋54'57	0.63500 AU
inferior conj	-2310 Jul 27 j 23:35	14°♋13'23	-3°-45'-57
minimum elong	-2310 Jul 28 j 03:42	14°♋02'53	3°45'00
morning rise	-2310 Aug 03 j 15:59	8°♋55'47	
direct	-2310 Aug 06 j 05:33	8°♋23'46	
asc. node	-2310 Aug 10 j 10:32	9°♋50'22	
morning max el	-2310 Aug 12 j 19:02	11°♋48'39	17°56'13
	-2310 Aug 25 j 02:58	0°♌	
morning set	-2310 Aug 29 j 13:29	7°♌42'56	
superior conj	-2310 Sep 10 j 19:54	28°♌37'57	1°01'15
minimum elong	-2310 Sep 11 j 01:19	29°♌00'19	1°00'38
	-2310 Sep 11 j 15:47	0°♍	
max. Earth dist.	-2310 Sep 16 j 22:17	8°♍33'58	1.43832 AU
desc. node	-2310 Sep 20 j 17:02	14°♍35'02	
evening rise	-2310 Sep 26 j 17:10	23°♍57'42	
	-2310 Sep 30 j 15:32	0°♎	
greatest brilliancy	-2310 Oct 19 j 12:18	27°♎27'25	-0.5m
	-2310 Oct 21 j 12:01	0°♏	
evening max el	-2310 Oct 25 j 08:17	4°♏24'00	20°45'14
retrograde	-2310 Nov 02 j 13:37	9°♏15'57	
evening set	-2310 Nov 06 j 09:46	7°♏51'27	
asc. node	-2310 Nov 06 j 09:38	7°♏51'41	
inferior conj	-2310 Nov 11 j 20:37	1°♏39'54	1°47'58
minimum elong	-2310 Nov 11 j 18:21	1°♏47'38	1°47'04
min. Earth dist.	-2310 Nov 12 j 09:49	0°♏54'56	0.67090 AU
	-2310 Nov 13 j 02:05	30°℞♎	
morning rise	-2310 Nov 17 j 02:31	25°♎23'32	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

direct	-2310 Nov 22 j 11:46	23°♎03'55	
morning max el	-2310 Dec 03 j 13:32	29°♎40'17	24°14'24
	-2310 Dec 03 j 21:18	0°♏	
desc. node	-2310 Dec 17 j 16:24	17°♏12'05	
	-2310 Dec 26 j 09:13	0°♐	
morning set	-2309 Jan 08 j 07:34	21°♐05'25	
max. Earth dist.	-2309 Jan 12 j 03:48	27°♐52'15	1.38077 AU
	-2309 Jan 13 j 08:04	0°♑	
superior conj	-2309 Jan 19 j 04:15	10°♑54'31	-1°-49'-10
minimum elong	-2309 Jan 19 j 07:06	11°♑08'09	1°49'02
evening rise	-2309 Jan 27 j 23:15	28°♑08'31	
	-2309 Jan 28 j 21:56	0°♒	
asc. node	-2309 Feb 02 j 08:54	8°♒31'39	
evening max el	-2309 Feb 13 j 13:56	24°♒55'52	19°01'05
retrograde	-2309 Feb 22 j 02:38	29°♒01'38	
evening set	-2309 Feb 24 j 10:22	28°♒44'41	
inferior conj	-2309 Mar 04 j 10:57	24°♒29'30	2°48'52
minimum elong	-2309 Mar 04 j 15:39	24°♒21'13	2°47'41
min. Earth dist.	-2309 Mar 07 j 14:16	22°♒17'59	0.57100 AU
morning rise	-2309 Mar 12 j 16:54	19°♒27'22	
desc. node	-2309 Mar 15 j 15:31	18°♒35'08	
direct	-2309 Mar 17 j 22:20	18°♒22'36	
morning max el	-2309 Apr 01 j 04:37	25°♒44'57	25°37'05
	-2309 Apr 05 j 04:20	0°♓	
	-2309 Apr 24 j 04:54	0°♈	
morning set	-2309 Apr 28 j 12:42	8°♈48'13	
asc. node	-2309 May 01 j 08:21	14°♈48'50	
superior conj	-2309 May 05 j 13:40	24°♈00'27	0°43'05
minimum elong	-2309 May 05 j 11:53	23°♈50'44	0°42'46
max. Earth dist.	-2309 May 06 j 09:55	25°♈50'55	1.32757 AU
	-2309 May 08 j 07:51	0°♉	
evening rise	-2309 May 12 j 17:16	9°♉17'05	
	-2309 May 23 j 15:37	0°♊	
desc. node	-2309 Jun 11 j 14:39	26°♊22'37	
evening max el	-2309 Jun 13 j 03:47	27°♊54'34	27°10'23
	-2309 Jun 15 j 11:50	0°♋	
retrograde	-2309 Jun 27 j 01:48	5°♋15'11	
evening set	-2309 Jul 04 j 02:39	2°♋57'51	
min. Earth dist.	-2309 Jul 07 j 17:35	0°♋11'29	0.61644 AU
	-2309 Jul 07 j 22:52	30°℞♊	
inferior conj	-2309 Jul 10 j 20:54	27°♊21'54	-4°-17'-28
minimum elong	-2309 Jul 10 j 23:53	27°♊15'09	4°17'04
morning rise	-2309 Jul 17 j 23:54	22°♊25'00	
direct	-2309 Jul 20 j 11:26	21°♊58'55	
morning max el	-2309 Jul 27 j 09:14	25°♊25'58	17°58'45
asc. node	-2309 Jul 28 j 07:37	26°♊23'35	
	-2309 Jul 31 j 05:28	0°♋	
morning set	-2309 Aug 12 j 09:22	20°♋35'19	
	-2309 Aug 17 j 13:38	0°♌	
superior conj	-2309 Aug 22 j 23:33	9°♌35'08	1°29'41
minimum elong	-2309 Aug 23 j 04:05	9°♌54'52	1°29'21
max. Earth dist.	-2309 Aug 30 j 09:26	22°♌08'24	1.42372 AU
	-2309 Sep 04 j 05:37	0°♍	
evening rise	-2309 Sep 06 j 02:50	2°♍59'40	
desc. node	-2309 Sep 07 j 14:03	5°♍18'09	
	-2309 Sep 24 j 02:34	0°♎	
greatest brilliancy	-2309 Oct 03 j 09:10	12°♎25'05	-0.4m
evening max el	-2309 Oct 08 j 03:59	17°♎50'46	21°58'42
retrograde	-2309 Oct 17 j 09:43	23°♎20'24	
evening set	-2309 Oct 21 j 17:43	21°♎38'20	
asc. node	-2309 Oct 24 j 06:43	19°♎04'35	
inferior conj	-2309 Oct 27 j 02:52	15°♎19'51	0°58'01
minimum elong	-2309 Oct 27 j 01:33	15°♎24'23	0°57'27
min. Earth dist.	-2309 Oct 27 j 05:19	15°♎11'23	0.67454 AU
morning rise	-2309 Nov 01 j 09:10	9°♎03'48	
direct	-2309 Nov 06 j 03:09	7°♎05'50	
morning max el	-2309 Nov 15 j 23:46	12°♎57'59	22°47'10
greatest brilliancy	-2309 Nov 20 j 17:25	18°♎16'47	-0.3m
	-2309 Nov 29 j 14:21	0°♏	
desc. node	-2309 Dec 04 j 13:27	7°♏07'50	
	-2309 Dec 19 j 07:26	0°♐	
morning set	-2309 Dec 20 j 01:24	1°♐13'40	
max. Earth dist.	-2309 Dec 24 j 23:21	9°♐28'02	1.40171 AU
superior conj	-2308 Jan 01 j 17:52	23°♐10'43	-1°-57'-36
minimum elong	-2308 Jan 01 j 18:36	23°♐14'02	1°57'39
	-2308 Jan 05 j 10:39	0°♑	
evening rise	-2308 Jan 11 j 13:10	11°♑32'31	
asc. node	-2308 Jan 20 j 05:56	27°♑23'01	
	-2308 Jan 21 j 21:02	0°♒	
evening max el	-2308 Jan 27 j 18:11	7°♒32'34	18°25'04
retrograde	-2308 Feb 04 j 03:58	11°♒11'20	
evening set	-2308 Feb 06 j 15:32	10°♒47'59	
inferior conj	-2308 Feb 13 j 23:24	6°♒12'25	3°39'09
minimum elong	-2308 Feb 14 j 02:20	6°♒06'23	3°38'42
min. Earth dist.	-2308 Feb 17 j 09:23	3°♒25'51	0.59002 AU
morning rise	-2308 Feb 21 j 09:35	0°♒44'48	
	-2308 Feb 22 j 23:19	30°℞♑	
direct	-2308 Feb 27 j 16:12	29°♑01'45	
desc. node	-2308 Mar 01 j 12:35	29°♑22'28	
	-2308 Mar 03 j 11:56	0°♒	
morning max el	-2308 Mar 12 j 23:04	6°♒39'32	26°52'13
	-2308 Mar 30 j 08:59	0°♓	
morning set	-2308 Apr 11 j 23:00	23°♓43'10	
	-2308 Apr 14 j 22:01	0°♈	
asc. node	-2308 Apr 17 j 05:21	5°♈00'14	
superior conj	-2308 Apr 19 j 01:23	9°♈01'18	0°19'14
minimum elong	-2308 Apr 19 j 00:32	8°♈56'39	0°19'04
max. Earth dist.	-2308 Apr 18 j 22:51	8°♈47'24	1.32486 AU
evening rise	-2308 Apr 26 j 01:24	24°♈08'08	
	-2308 Apr 28 j 21:58	0°♉	
	-2308 May 16 j 17:47	0°♊	
evening max el	-2308 May 25 j 04:47	9°♊45'54	26°22'51
desc. node	-2308 May 28 j 11:42	12°♊36'51	
retrograde	-2308 Jun 08 j 06:17	17°♊02'36	
evening set	-2308 Jun 14 j 15:58	15°♊19'41	
min. Earth dist.	-2308 Jun 18 j 17:57	12°♊40'21	0.59607 AU
inferior conj	-2308 Jun 22 j 02:39	10°♊02'05	-4°-30'-12
minimum elong	-2308 Jun 22 j 02:48	10°♊01'47	4°30'09
morning rise	-2308 Jun 29 j 17:09	5°♊27'20	
direct	-2308 Jul 02 j 04:30	5°♊05'27	
morning max el	-2308 Jul 09 j 19:17	8°♊45'14	18°20'44
asc. node	-2308 Jul 14 j 04:40	13°♊58'29	
	-2308 Jul 23 j 14:47	0°♋	
morning set	-2308 Jul 25 j 19:32	4°♋09'52	
superior conj	-2308 Aug 04 j 03:46	21°♋45'22	1°44'40
minimum elong	-2308 Aug 04 j 05:54	21°♋55'07	1°44'37
	-2308 Aug 08 j 17:48	0°♌	
max. Earth dist.	-2308 Aug 11 j 15:03	5°♌01'15	1.40530 AU
evening rise	-2308 Aug 16 j 08:23	12°♌58'13	
desc. node	-2308 Aug 24 j 11:04	25°♌54'36	
	-2308 Aug 27 j 03:19	0°♍	
	-2308 Sep 18 j 12:05	0°♎	
evening max el	-2308 Sep 19 j 18:40	1°♎19'04	23°18'24
retrograde	-2308 Sep 30 j 03:00	7°♎26'17	
evening set	-2308 Oct 05 j 00:45	5°♎25'16	
	-2308 Oct 09 j 17:12	30°℞♍	
inferior conj	-2308 Oct 10 j 09:40	29°♍03'32	0°05'05
minimum elong	-2308 Oct 10 j 09:33	29°♍03'57	0°05'02

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

transit middle	-2308 Oct 10 j 09:33	29°♍03'57	0°05'02
transit begin	-2308 Oct 10 j 06:58	29°♍12'47	
transit end	-2308 Oct 10 j 12:07	28°♍55'07	
min. Earth dist.	-2308 Oct 10 j 01:51	29°♍30'21	0.67508 AU
asc. node	-2308 Oct 10 j 03:46	29°♍23'48	
morning rise	-2308 Oct 15 j 18:22	22°♍50'51	
direct	-2308 Oct 19 j 22:10	21°♍14'42	
morning max el	-2308 Oct 28 j 14:59	26°♍22'08	21°24'13
	-2308 Oct 31 j 21:36	0°♎	
greatest brilliancy	-2308 Nov 02 j 20:12	2°♎22'57	-0.4m
desc. node	-2308 Nov 20 j 10:30	27°♎23'08	
	-2308 Nov 22 j 03:45	0°♏	
morning set	-2308 Nov 28 j 14:55	10°♏01'55	
max. Earth dist.	-2308 Dec 06 j 01:03	21°♏58'40	1.42142 AU
	-2308 Dec 10 j 20:23	0°♐	
superior conj	-2308 Dec 13 j 09:54	4°♐22'52	-1°-53'-59
minimum elong	-2308 Dec 13 j 06:51	4°♐09'44	1°53'56
evening rise	-2308 Dec 24 j 14:19	24°♐16'47	
	-2308 Dec 27 j 18:02	0°♑	
asc. node	-2307 Jan 06 j 02:57	15°♑37'12	
evening max el	-2307 Jan 10 j 03:58	20°♑31'55	18°08'55
retrograde	-2307 Jan 16 j 22:07	23°♑59'13	
evening set	-2307 Jan 19 j 13:10	23°♑28'13	
inferior conj	-2307 Jan 26 j 07:10	18°♑30'33	3°57'23
minimum elong	-2307 Jan 26 j 07:32	18°♑29'42	3°57'20
min. Earth dist.	-2307 Jan 29 j 10:38	15°♑33'20	0.61052 AU
morning rise	-2307 Feb 01 j 23:17	12°♑45'21	
direct	-2307 Feb 08 j 20:37	10°♑26'50	
desc. node	-2307 Feb 16 j 09:39	12°♑53'01	
morning max el	-2307 Feb 22 j 23:40	18°♑11'45	27°35'56
	-2307 Mar 04 j 22:00	0°♒	
	-2307 Mar 23 j 00:32	0°♓	
morning set	-2307 Mar 27 j 05:48	8°♓25'43	
max. Earth dist.	-2307 Apr 02 j 11:16	21°♓39'58	1.32566 AU
superior conj	-2307 Apr 03 j 12:36	23°♓57'58	0°-6'-2
minimum elong	-2307 Apr 03 j 12:52	23°♓59'28	0°06'00
behind sun begin	-2307 Apr 03 j 08:10	23°♓33'46	
behind sun end	-2307 Apr 03 j 17:35	24°♓25'11	
asc. node	-2307 Apr 04 j 02:21	25°♓13'07	
	-2307 Apr 06 j 06:53	0°♈	
evening rise	-2307 Apr 10 j 12:17	9°♈05'06	
	-2307 Apr 21 j 09:44	0°♉	
evening max el	-2307 May 06 j 23:30	20°♉55'44	25°07'32
desc. node	-2307 May 15 j 08:43	26°♉50'10	
retrograde	-2307 May 21 j 00:15	28°♉03'55	
evening set	-2307 May 26 j 06:54	26°♉59'39	
min. Earth dist.	-2307 May 31 j 11:29	24°♉10'30	0.57637 AU
inferior conj	-2307 Jun 03 j 13:31	22°♉04'56	-4°-13'-40
minimum elong	-2307 Jun 03 j 09:40	22°♉11'31	4°13'09
morning rise	-2307 Jun 11 j 16:23	17°♉51'28	
direct	-2307 Jun 14 j 04:39	17°♉32'42	
morning max el	-2307 Jun 22 j 22:18	21°♉37'47	19°03'08
	-2307 Jun 29 j 14:18	0°♊	
asc. node	-2307 Jul 01 j 01:43	2°♊21'35	
morning set	-2307 Jul 09 j 15:58	18°♊16'21	
	-2307 Jul 15 j 14:30	0°♋	
superior conj	-2307 Jul 18 j 02:57	4°♋53'31	1°48'27
minimum elong	-2307 Jul 18 j 02:49	4°♋52'49	1°48'29
max. Earth dist.	-2307 Jul 24 j 17:38	17°♋14'21	1.38555 AU
evening rise	-2307 Jul 28 j 15:36	24°♋10'29	
	-2307 Aug 01 j 01:36	0°♌	
desc. node	-2307 Aug 11 j 08:03	16°♌19'53	
	-2307 Aug 20 j 21:06	0°♍	
evening max el	-2307 Sep 02 j 06:24	14°♍50'18	24°37'57
retrograde	-2307 Sep 13 j 16:27	21°♍30'20	
evening set	-2307 Sep 19 j 05:09	19°♍10'31	
min. Earth dist.	-2307 Sep 23 j 21:01	13°♍50'17	0.67250 AU
inferior conj	-2307 Sep 24 j 15:20	12°♍49'13	0°-49'-13
minimum elong	-2307 Sep 24 j 16:31	12°♍45'16	0°48'42
asc. node	-2307 Sep 27 j 00:50	9°♍44'53	
morning rise	-2307 Sep 30 j 04:12	6°♍42'57	
direct	-2307 Oct 03 j 19:33	5°♍26'45	
morning max el	-2307 Oct 11 j 13:31	9°♍55'54	20°11'30
greatest brilliancy	-2307 Oct 18 j 12:11	18°♍23'45	-0.6m
	-2307 Oct 26 j 13:46	0°♎	
desc. node	-2307 Nov 07 j 07:31	17°♎52'00	
morning set	-2307 Nov 07 j 12:38	18°♎11'48	
	-2307 Nov 15 j 01:46	0°♏	
max. Earth dist.	-2307 Nov 18 j 10:49	5°♏22'30	1.43707 AU
superior conj	-2307 Nov 23 j 23:23	14°♏19'31	-1°-34'-21
minimum elong	-2307 Nov 23 j 16:29	13°♏51'13	1°33'49
	-2307 Dec 03 j 07:50	0°♐	
evening rise	-2307 Dec 06 j 22:31	6°♐12'50	
	-2307 Dec 21 j 12:02	0°♑	
asc. node	-2307 Dec 23 j 23:59	3°♑02'40	
evening max el	-2307 Dec 24 j 16:16	3°♑45'25	18°12'06
retrograde	-2307 Dec 31 j 04:49	7°♑14'21	
evening set	-2306 Jan 02 j 23:28	6°♑34'52	
inferior conj	-2306 Jan 09 j 06:37	1°♑16'06	3°51'57
minimum elong	-2306 Jan 09 j 04:58	1°♑20'31	3°51'45
	-2306 Jan 10 j 10:55	30°℞♐	
min. Earth dist.	-2306 Jan 11 j 20:51	28°♐30'21	0.62973 AU
morning rise	-2306 Jan 15 j 08:40	25°♐18'40	
direct	-2306 Jan 22 j 09:29	22°♐36'34	
desc. node	-2306 Feb 03 j 06:43	28°♐32'53	
	-2306 Feb 04 j 20:05	0°♑	
morning max el	-2306 Feb 05 j 05:52	0°♑23'56	27°43'07
	-2306 Feb 26 j 22:21	0°♒	
morning set	-2306 Mar 11 j 06:48	22°♒46'56	
	-2306 Mar 14 j 19:10	0°♓	
max. Earth dist.	-2306 Mar 16 j 19:06	4°♓13'05	1.33015 AU
superior conj	-2306 Mar 18 j 21:32	8°♓43'20	0°-31'-51
minimum elong	-2306 Mar 18 j 23:00	8°♓51'15	0°31'36
asc. node	-2306 Mar 21 j 23:22	15°♓22'33	
evening rise	-2306 Mar 25 j 23:59	23°♓59'51	
	-2306 Mar 28 j 21:41	0°♈	
	-2306 Apr 17 j 00:03	0°♉	
evening max el	-2306 Apr 18 j 14:43	1°♉37'34	23°35'44
retrograde	-2306 May 02 j 05:57	8°♉25'53	
desc. node	-2306 May 02 j 05:44	8°♉25'53	
evening set	-2306 May 06 j 03:23	7°♉52'32	
min. Earth dist.	-2306 May 13 j 01:30	4°♉39'58	0.56046 AU
inferior conj	-2306 May 15 j 04:12	3°♉24'00	-3°-17'-11
minimum elong	-2306 May 14 j 21:44	3°♉33'44	3°15'35
	-2306 May 21 j 19:49	30°℞♈	
morning rise	-2306 May 23 j 19:40	29°♈25'59	
direct	-2306 May 26 j 09:37	29°♈09'19	
	-2306 May 30 j 18:10	0°♉	
morning max el	-2306 Jun 05 j 15:47	3°♉54'18	20°06'18
asc. node	-2306 Jun 17 j 22:46	21°♉21'03	
	-2306 Jun 22 j 10:30	0°♊	
morning set	-2306 Jun 23 j 19:34	2°♊46'22	
superior conj	-2306 Jul 01 j 15:53	18°♊44'41	1°43'34
minimum elong	-2306 Jul 01 j 14:11	18°♊36'11	1°43'32
max. Earth dist.	-2306 Jul 06 j 22:11	29°♊03'52	1.36685 AU
	-2306 Jul 07 j 09:59	0°♋	
evening rise	-2306 Jul 10 j 22:03	6°♋31'26	
	-2306 Jul 24 j 21:24	0°♌	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2306 Jul 29 j 05:02	6°♌28'32	
evening max el	-2306 Aug 15 j 17:22	28°♌23'47	25°49'50
	-2306 Aug 17 j 10:25	0°♍	
retrograde	-2306 Aug 28 j 01:29	5°♍27'58	
evening set	-2306 Sep 03 j 05:05	2°♍52'15	
	-2306 Sep 06 j 00:09	30°℞♌	
min. Earth dist.	-2306 Sep 07 j 12:27	28°♌09'05	0.66664 AU
inferior conj	-2306 Sep 08 j 18:06	26°♌34'54	-1°-43'-16
minimum elong	-2306 Sep 08 j 20:35	26°♌27'01	1°42'16
asc. node	-2306 Sep 13 j 21:55	21°♌03'08	
morning rise	-2306 Sep 14 j 12:49	20°♌38'07	
direct	-2306 Sep 17 j 17:49	19°♌38'44	
morning max el	-2306 Sep 24 j 19:21	23°♌38'48	19°12'34
	-2306 Sep 30 j 01:12	0°♍	
morning set	-2306 Oct 17 j 18:22	26°♍52'27	
	-2306 Oct 19 j 18:17	0°♎	
desc. node	-2306 Oct 25 j 04:32	8°♎30'04	
max. Earth dist.	-2306 Nov 01 j 02:18	19°♎21'42	1.44661 AU
superior conj	-2306 Nov 03 j 11:12	23°♎06'46	0°-57'-23
minimum elong	-2306 Nov 03 j 04:27	22°♎40'00	0°56'37
	-2306 Nov 07 j 18:57	0°♏	
evening rise	-2306 Nov 18 j 09:17	17°♏12'29	
	-2306 Nov 26 j 04:07	0°♐	
evening max el	-2306 Dec 08 j 04:27	17°♐07'24	18°33'52
asc. node	-2306 Dec 10 j 21:03	19°♐26'02	
retrograde	-2306 Dec 14 j 19:43	20°♐48'47	
evening set	-2306 Dec 17 j 19:03	19°♐59'29	
inferior conj	-2306 Dec 23 j 17:57	14°♐22'06	3°29'59
minimum elong	-2306 Dec 23 j 15:13	14°♐30'11	3°29'24
min. Earth dist.	-2306 Dec 25 j 17:11	12°♐02'56	0.64596 AU
morning rise	-2306 Dec 29 j 10:08	8°♐16'00	
direct	-2305 Jan 05 j 05:39	5°♐25'07	
morning max el	-2305 Jan 18 j 15:12	13°♐08'22	27°15'21
desc. node	-2305 Jan 21 j 03:48	15°♐47'17	
	-2305 Feb 01 j 06:41	0°♑	
	-2305 Feb 19 j 11:39	0°♒	
morning set	-2305 Feb 22 j 23:08	6°♒37'52	
max. Earth dist.	-2305 Feb 27 j 18:23	16°♒15'03	1.33879 AU
superior conj	-2305 Mar 03 j 02:20	23°♒11'35	0°-57'-12
minimum elong	-2305 Mar 03 j 04:54	23°♒25'05	0°56'47
	-2305 Mar 06 j 07:18	0°♓	
asc. node	-2305 Mar 08 j 20:23	5°♓24'32	
evening rise	-2305 Mar 10 j 10:48	8°♓46'30	
	-2305 Mar 21 j 18:07	0°♈	
evening max el	-2305 Mar 31 j 08:59	12°♈20'05	22°01'56
retrograde	-2305 Apr 13 j 00:18	18°♈29'36	
evening set	-2305 Apr 15 j 18:30	18°♈12'42	
desc. node	-2305 Apr 19 j 02:48	17°♈10'59	
min. Earth dist.	-2305 Apr 24 j 15:02	14°♈23'52	0.55174 AU
inferior conj	-2305 Apr 25 j 03:15	14°♈06'39	-1°-39'-55
minimum elong	-2305 Apr 24 j 22:45	14°♈13'00	1°38'24
morning rise	-2305 May 04 j 04:25	10°♈09'45	
direct	-2305 May 06 j 23:44	9°♈52'09	
morning max el	-2305 May 18 j 22:25	15°♈29'07	21°28'31
	-2305 May 29 j 22:41	0°♉	
asc. node	-2305 Jun 04 j 19:48	10°♉47'39	
morning set	-2305 Jun 08 j 03:55	17°♉32'46	
	-2305 Jun 14 j 02:42	0°♊	
superior conj	-2305 Jun 15 j 14:25	3°♊06'17	1°32'10
minimum elong	-2305 Jun 15 j 11:57	2°♊53'28	1°31'58
max. Earth dist.	-2305 Jun 19 j 10:11	10°♊55'48	1.35106 AU
evening rise	-2305 Jun 23 j 22:41	19°♊47'34	
	-2305 Jun 29 j 11:47	0°♋	
desc. node	-2305 Jul 16 j 02:02	26°♋12'46	
	-2305 Jul 18 j 21:22	0°♌	
evening max el	-2305 Jul 29 j 04:46	11°♌54'33	26°46'09
retrograde	-2305 Aug 11 j 05:37	19°♌12'19	
evening set	-2305 Aug 17 j 22:16	16°♌27'07	
min. Earth dist.	-2305 Aug 21 j 21:51	12°♌22'10	0.65725 AU
inferior conj	-2305 Aug 23 j 15:59	10°♌17'14	-2°-35'-9
minimum elong	-2305 Aug 23 j 19:34	10°♌06'37	2°33'53
morning rise	-2305 Aug 29 j 18:03	4°♌32'59	
asc. node	-2305 Aug 31 j 19:01	3°♌50'44	
direct	-2305 Sep 01 j 15:06	3°♌46'49	
morning max el	-2305 Sep 08 j 06:47	7°♌26'51	18°29'20
	-2305 Sep 23 j 20:23	0°♍	
morning set	-2305 Sep 28 j 01:04	6°♍48'02	
desc. node	-2305 Oct 12 j 01:31	29°♍13'22	
	-2305 Oct 12 j 13:20	0°♎	
superior conj	-2305 Oct 13 j 10:59	1°♎25'22	0°-8'-58
minimum elong	-2305 Oct 13 j 09:48	1°♎20'42	0°08'50
behind sun begin	-2305 Oct 13 j 00:11	0°♎42'49	
behind sun end	-2305 Oct 13 j 19:24	1°♎58'34	
max. Earth dist.	-2305 Oct 14 j 20:15	3°♎36'22	1.44905 AU
evening rise	-2305 Oct 29 j 19:37	27°♎09'52	
	-2305 Oct 31 j 14:44	0°♏	
greatest brilliancy	-2305 Nov 10 j 21:55	16°♏07'31	-0.7m
	-2305 Nov 21 j 01:29	0°♐	
evening max el	-2305 Nov 21 j 14:04	0°♐33'15	19°13'03
asc. node	-2305 Nov 27 j 18:09	4°♐31'37	
retrograde	-2305 Nov 28 j 15:12	4°♐35'57	
evening set	-2305 Dec 01 j 20:57	3°♐34'56	
	-2305 Dec 05 j 17:05	30°℞♏	
inferior conj	-2305 Dec 07 j 13:46	27°♏41'55	2°56'26
minimum elong	-2305 Dec 07 j 10:46	27°♏51'28	2°55'33
min. Earth dist.	-2305 Dec 08 j 22:39	25°♏57'27	0.65854 AU
morning rise	-2305 Dec 12 j 23:42	21°♏29'56	
direct	-2305 Dec 19 j 08:12	18°♏43'53	
morning max el	-2304 Jan 01 j 00:48	26°♏11'37	26°19'00
	-2304 Jan 04 j 13:50	0°♐	
desc. node	-2304 Jan 08 j 00:52	4°♐08'13	
	-2304 Jan 25 j 20:05	0°♑	
morning set	-2304 Feb 06 j 02:58	19°♑46'36	
max. Earth dist.	-2304 Feb 10 j 06:03	27°♑41'11	1.35188 AU
	-2304 Feb 11 j 10:13	0°♒	
superior conj	-2304 Feb 15 j 00:44	7°♒15'55	-1°-20'-40
minimum elong	-2304 Feb 15 j 04:02	7°♒32'49	1°20'15
evening rise	-2304 Feb 22 j 18:51	23°♒19'03	
asc. node	-2304 Feb 23 j 17:27	25°♒14'43	
	-2304 Feb 26 j 02:18	0°♓	
evening max el	-2304 Mar 12 j 12:14	23°♓29'20	20°38'06
retrograde	-2304 Mar 23 j 13:44	28°♓46'35	
evening set	-2304 Mar 25 j 20:01	28°♓34'13	
inferior conj	-2304 Apr 03 j 22:30	24°♓36'52	0°17'50
minimum elong	-2304 Apr 03 j 23:19	24°♓35'41	0°17'32
desc. node	-2304 Apr 04 j 23:53	24°♓00'08	
min. Earth dist.	-2304 Apr 05 j 05:10	23°♓52'32	0.55234 AU
morning rise	-2304 Apr 13 j 00:52	20°♓22'29	
direct	-2304 Apr 16 j 11:47	19°♓56'31	
morning max el	-2304 Apr 29 j 19:13	26°♓25'23	23°04'30
	-2304 May 03 j 05:03	0°♈	
	-2304 May 21 j 10:12	0°♉	
asc. node	-2304 May 21 j 16:51	0°♉34'19	
morning set	-2304 May 22 j 15:05	2°♉29'53	
superior conj	-2304 May 29 j 19:30	17°♉48'54	1°15'52
minimum elong	-2304 May 29 j 16:56	17°♉35'08	1°15'33
max. Earth dist.	-2304 Jun 01 j 08:11	23°♉09'52	1.33901 AU
	-2304 Jun 04 j 15:42	0°♊	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening rise	-2304 Jun 06 j 12:41	3°♊45'16	
	-2304 Jun 21 j 06:22	0°♋	
desc. node	-2304 Jul 01 j 23:04	15°♋22'16	
evening max el	-2304 Jul 10 j 16:12	25°♋13'43	27°19'17
	-2304 Jul 16 j 14:07	0°♌	
retrograde	-2304 Jul 24 j 04:13	2°♌35'41	
evening set	-2304 Jul 31 j 05:56	29°♋51'05	
	-2304 Jul 31 j 01:17	30°℞♋	
min. Earth dist.	-2304 Aug 03 j 23:06	26°♋22'40	0.64416 AU
inferior conj	-2304 Aug 06 j 06:41	23°♋52'08	-3°-22'-18
minimum elong	-2304 Aug 06 j 10:51	23°♋40'49	3°21'08
morning rise	-2304 Aug 12 j 17:28	18°♋23'36	
direct	-2304 Aug 15 j 09:03	17°♋47'14	
asc. node	-2304 Aug 17 j 16:06	18°♋14'34	
morning max el	-2304 Aug 21 j 21:24	21°♋15'27	18°03'07
	-2304 Aug 28 j 13:32	0°♌	
morning set	-2304 Sep 08 j 11:30	18°♌04'15	
	-2304 Sep 15 j 14:01	0°♍	
superior conj	-2304 Sep 21 j 21:15	10°♍18'47	0°38'31
minimum elong	-2304 Sep 22 j 01:29	10°♍35'53	0°38'00
max. Earth dist.	-2304 Sep 26 j 13:53	17°♍49'45	1.44426 AU
desc. node	-2304 Sep 27 j 22:32	19°♍59'07	
	-2304 Oct 04 j 07:50	0°♎	
evening rise	-2304 Oct 08 j 08:44	6°♎15'28	
	-2304 Oct 24 j 00:56	0°♏	
greatest brilliancy	-2304 Oct 27 j 21:33	5°♏29'14	-0.6m
evening max el	-2304 Nov 03 j 19:09	14°♏00'27	20°07'45
retrograde	-2304 Nov 11 j 12:27	18°♏32'11	
asc. node	-2304 Nov 13 j 15:14	18°♏06'21	
evening set	-2304 Nov 15 j 02:46	17°♏16'57	
inferior conj	-2304 Nov 20 j 15:21	11°♏11'24	2°14'43
minimum elong	-2304 Nov 20 j 12:41	11°♏20'19	2°13'45
min. Earth dist.	-2304 Nov 21 j 11:20	10°♏04'36	0.66747 AU
morning rise	-2304 Nov 25 j 22:00	4°♏56'03	
direct	-2304 Dec 01 j 16:14	2°♏24'52	
morning max el	-2304 Dec 13 j 09:23	9°♏22'53	25°02'58
desc. node	-2304 Dec 24 j 21:55	23°♏16'07	
	-2304 Dec 29 j 17:12	0°♐	
	-2303 Jan 17 j 10:35	0°♑	
morning set	-2303 Jan 18 j 13:03	1°♑57'28	
max. Earth dist.	-2303 Jan 22 j 06:41	8°♑45'17	1.36932 AU
superior conj	-2303 Jan 28 j 13:40	20°♑47'09	-1°-40'-27
minimum elong	-2303 Jan 28 j 17:01	21°♑03'34	1°40'11
	-2303 Feb 02 j 04:32	0°♒	
evening rise	-2303 Feb 05 j 21:57	7°♒30'37	
asc. node	-2303 Feb 09 j 14:30	14°♒47'21	
	-2303 Feb 18 j 14:37	0°♓	
evening max el	-2303 Feb 23 j 02:17	5°♓14'37	19°30'56
retrograde	-2303 Mar 04 j 10:57	9°♓42'28	
evening set	-2303 Mar 06 j 17:05	9°♓28'05	
inferior conj	-2303 Mar 15 j 03:52	5°♓22'32	2°03'08
minimum elong	-2303 Mar 15 j 08:18	5°♓15'22	2°01'47
min. Earth dist.	-2303 Mar 17 j 19:47	3°♓39'57	0.56212 AU
desc. node	-2303 Mar 22 j 20:58	0°♓59'45	
morning rise	-2303 Mar 23 j 19:55	0°♓38'42	
	-2303 Mar 26 j 12:11	30°℞♒	
direct	-2303 Mar 28 j 09:00	29°♒51'59	
	-2303 Mar 30 j 05:43	0°♓	
morning max el	-2303 Apr 11 j 10:23	6°♓58'58	24°44'00
	-2303 Apr 28 j 03:29	0°♈	
morning set	-2303 May 07 j 03:13	17°♈30'43	
asc. node	-2303 May 08 j 13:53	20°♈34'18	
	-2303 May 12 j 22:34	0°♉	
superior conj	-2303 May 14 j 04:39	2°♉43'24	0°55'54
minimum elong	-2303 May 14 j 02:27	2°♉31'32	0°55'31
max. Earth dist.	-2303 May 15 j 14:41	5°♉47'37	1.33074 AU
evening rise	-2303 May 21 j 11:59	18°♉10'57	
	-2303 May 27 j 13:27	0°♊	
	-2303 Jun 15 j 18:08	0°♋	
desc. node	-2303 Jun 18 j 20:07	3°♋41'19	
evening max el	-2303 Jun 23 j 01:33	8°♋07'18	27°23'02
retrograde	-2303 Jul 06 j 20:27	15°♋28'10	
evening set	-2303 Jul 14 j 00:27	12°♋57'02	
min. Earth dist.	-2303 Jul 17 j 14:27	9°♋58'44	0.62747 AU
inferior conj	-2303 Jul 20 j 11:15	7°♋12'07	-4°-1'-6
minimum elong	-2303 Jul 20 j 15:05	7°♋02'50	4°00'22
morning rise	-2303 Jul 27 j 08:00	2°♋02'41	
direct	-2303 Jul 29 j 20:31	1°♋33'20	
asc. node	-2303 Aug 04 j 13:09	4°♋04'11	
morning max el	-2303 Aug 05 j 12:29	4°♋58'01	17°54'57
morning set	-2303 Aug 21 j 20:50	0°♌25'58	
	-2303 Aug 21 j 15:00	0°♌	
superior conj	-2303 Sep 02 j 08:50	20°♌27'42	1°15'03
minimum elong	-2303 Sep 02 j 14:14	20°♌50'27	1°14'31
	-2303 Sep 08 j 02:47	0°♍	
max. Earth dist.	-2303 Sep 09 j 04:34	1°♍44'52	1.43279 AU
desc. node	-2303 Sep 14 j 19:32	10°♍43'58	
evening rise	-2303 Sep 17 j 14:05	15°♍04'16	
	-2303 Sep 27 j 09:20	0°♎	
greatest brilliancy	-2303 Oct 12 j 12:35	21°♎21'58	-0.4m
evening max el	-2303 Oct 17 j 18:25	27°♎27'44	21°15'23
	-2303 Oct 20 j 12:45	0°♏	
retrograde	-2303 Oct 26 j 09:26	2°♏34'44	
evening set	-2303 Oct 30 j 10:28	1°♏02'54	
asc. node	-2303 Oct 31 j 12:17	0°♏07'16	
	-2303 Oct 31 j 15:17	30°℞♎	
inferior conj	-2303 Nov 04 j 20:26	24°♎48'07	1°27'14
minimum elong	-2303 Nov 04 j 18:32	24°♎54'39	1°26'27
min. Earth dist.	-2303 Nov 05 j 04:56	24°♎18'55	0.67291 AU
morning rise	-2303 Nov 10 j 02:16	18°♎31'48	
direct	-2303 Nov 15 j 05:03	16°♎21'12	
morning max el	-2303 Nov 25 j 18:16	22°♎38'31	23°37'16
	-2303 Dec 02 j 04:46	0°♏	
desc. node	-2303 Dec 11 j 18:57	12°♏57'29	
	-2303 Dec 23 j 02:01	0°♐	
morning set	-2303 Dec 30 j 23:13	12°♐54'21	
max. Earth dist.	-2302 Jan 04 j 02:25	20°♐02'20	1.38970 AU
	-2302 Jan 09 j 15:05	0°♑	
superior conj	-2302 Jan 11 j 13:16	3°♑34'50	-1°-53'-57
minimum elong	-2302 Jan 11 j 15:25	3°♑44'58	1°53'55
evening rise	-2302 Jan 20 j 17:36	21°♑14'41	
	-2302 Jan 25 j 07:34	0°♒	
asc. node	-2302 Jan 27 j 11:32	3°♒56'16	
evening max el	-2302 Feb 06 j 02:02	17°♒34'30	18°43'14
retrograde	-2302 Feb 14 j 01:44	21°♒26'50	
evening set	-2302 Feb 16 j 11:14	21°♒07'14	
inferior conj	-2302 Feb 24 j 04:22	16°♒43'26	3°14'36
minimum elong	-2302 Feb 24 j 08:33	16°♒35'32	3°13'43
min. Earth dist.	-2302 Feb 27 j 12:19	14°♒14'35	0.57871 AU
morning rise	-2302 Mar 04 j 02:02	11°♒29'43	
direct	-2302 Mar 09 j 19:08	10°♒09'26	
desc. node	-2302 Mar 09 j 18:02	10°♒09'26	
morning max el	-2302 Mar 24 j 02:19	17°♒38'48	26°12'21
	-2302 Apr 03 j 07:52	0°♓	
	-2302 Apr 20 j 09:54	0°♈	
morning set	-2302 Apr 21 j 14:41	2°♈29'40	
asc. node	-2302 Apr 25 j 10:55	10°♈42'50	
superior conj	-2302 Apr 28 j 15:54	17°♈43'26	0°33'12

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2302 Apr 28 j 14:29	17°♈35'41	0°32'55
max. Earth dist.	-2302 Apr 29 j 02:28	18°♈41'15	1.32604 AU
	-2302 May 04 j 08:12	0°♉	
evening rise	-2302 May 05 j 17:35	2°♉54'55	
	-2302 May 20 j 10:45	0°♊	
evening max el	-2302 Jun 05 j 06:03	20°♊22'44	26°53'58
desc. node	-2302 Jun 05 j 17:08	20°♊48'53	
retrograde	-2302 Jun 19 j 05:24	27°♊41'18	
evening set	-2302 Jun 26 j 01:36	25°♊37'15	
min. Earth dist.	-2302 Jun 29 j 19:35	22°♊56'17	0.60794 AU
inferior conj	-2302 Jul 03 j 02:21	20°♊09'03	-4°-25'-44
minimum elong	-2302 Jul 03 j 04:20	20°♊04'48	4°25'33
morning rise	-2302 Jul 10 j 10:07	15°♊21'30	
direct	-2302 Jul 12 j 21:34	14°♊57'14	
morning max el	-2302 Jul 20 j 01:12	18°♊27'53	18°05'42
asc. node	-2302 Jul 22 j 10:12	21°♊04'46	
	-2302 Jul 28 j 10:07	0°♋	
morning set	-2302 Aug 04 j 23:18	13°♋37'11	
	-2302 Aug 13 j 21:15	0°♌	
superior conj	-2302 Aug 14 j 23:31	1°♌57'13	1°37'36
minimum elong	-2302 Aug 15 j 03:05	2°♌13'06	1°37'23
max. Earth dist.	-2302 Aug 22 j 13:44	15°♌03'54	1.41620 AU
evening rise	-2302 Aug 28 j 06:38	24°♌25'25	
	-2302 Aug 31 j 18:57	0°♍	
desc. node	-2302 Sep 01 j 16:32	1°♍24'20	
	-2302 Sep 21 j 08:31	0°♎	
greatest brilliancy	-2302 Sep 25 j 17:00	5°♎32'34	-0.3m
evening max el	-2302 Sep 30 j 11:42	10°♎54'27	22°32'08
retrograde	-2302 Oct 10 j 04:30	16°♎40'18	
evening set	-2302 Oct 14 j 18:14	14°♎49'59	
asc. node	-2302 Oct 18 j 09:20	10°♎51'30	
inferior conj	-2302 Oct 20 j 03:06	8°♎29'34	0°35'49
minimum elong	-2302 Oct 20 j 02:16	8°♎32'26	0°35'28
min. Earth dist.	-2302 Oct 20 j 01:04	8°♎36'35	0.67514 AU
morning rise	-2302 Oct 25 j 10:12	2°♎14'49	
direct	-2302 Oct 29 j 21:56	0°♎26'29	
morning max el	-2302 Nov 08 j 06:23	5°♎59'02	22°11'03
greatest brilliancy	-2302 Nov 12 j 23:31	11°♎18'24	-0.4m
	-2302 Nov 26 j 14:42	0°♏	
desc. node	-2302 Nov 28 j 15:58	3°♏02'13	
morning set	-2302 Dec 11 j 04:35	22°♏26'46	
	-2302 Dec 15 j 19:17	0°♐	
max. Earth dist.	-2302 Dec 17 j 00:32	2°♐02'14	1.41046 AU
superior conj	-2302 Dec 24 j 18:22	15°♐25'11	-1°-57'-47
minimum elong	-2302 Dec 24 j 17:40	15°♐22'04	1°57'51
	-2301 Jan 01 j 18:09	0°♑	
evening rise	-2301 Jan 04 j 02:35	4°♑23'00	
asc. node	-2301 Jan 14 j 08:34	22°♑33'00	
	-2301 Jan 20 j 00:25	0°♒	
evening max el	-2301 Jan 20 j 08:55	0°♒21'13	18°15'41
retrograde	-2301 Jan 27 j 10:53	3°♒53'45	
evening set	-2301 Jan 29 j 23:50	3°♒27'21	
	-2301 Feb 04 j 13:02	30°℞♑	
inferior conj	-2301 Feb 06 j 01:25	28°♑42'09	3°50'16
minimum elong	-2301 Feb 06 j 03:15	28°♑38'08	3°50'05
min. Earth dist.	-2301 Feb 09 j 09:43	25°♑48'03	0.59875 AU
morning rise	-2301 Feb 13 j 03:28	23°♑05'52	
direct	-2301 Feb 19 j 17:30	21°♑06'58	
desc. node	-2301 Feb 24 j 15:06	22°♑08'38	
morning max el	-2301 Mar 05 j 23:31	28°♑48'43	27°15'10
	-2301 Mar 07 j 03:53	0°♒	
	-2301 Mar 28 j 01:21	0°♓	
morning set	-2301 Apr 05 j 23:45	17°♓20'03	
	-2301 Apr 11 j 21:50	0°♈	
asc. node	-2301 Apr 12 j 07:57	0°♈55'13	
max. Earth dist.	-2301 Apr 12 j 15:40	1°♈37'26	1.32474 AU
superior conj	-2301 Apr 13 j 03:36	2°♈42'47	0°08'38
minimum elong	-2301 Apr 13 j 03:12	2°♈40'39	0°08'33
behind sun begin	-2301 Apr 12 j 22:58	2°♈17'25	
behind sun end	-2301 Apr 13 j 07:27	3°♈03'54	
evening rise	-2301 Apr 20 j 03:06	17°♈48'45	
	-2301 Apr 26 j 04:46	0°♉	
	-2301 May 16 j 06:29	0°♊	
evening max el	-2301 May 18 j 03:59	1°♊54'25	25°53'36
desc. node	-2301 May 23 j 14:09	6°♊15'59	
retrograde	-2301 Jun 01 j 05:50	9°♊09'09	
evening set	-2301 Jun 07 j 05:29	7°♊42'28	
min. Earth dist.	-2301 Jun 11 j 16:28	5°♊01'06	0.58739 AU
inferior conj	-2301 Jun 15 j 00:22	2°♊33'55	-4°-27'-28
minimum elong	-2301 Jun 14 j 22:52	2°♊36'42	4°27'22
	-2301 Jun 18 j 17:36	30°℞♉	
morning rise	-2301 Jun 22 j 20:05	28°♉09'00	
direct	-2301 Jun 25 j 07:43	27°♉48'38	
	-2301 Jul 01 j 10:01	0°♊	
morning max el	-2301 Jul 03 j 08:41	1°♊37'13	18°36'20
asc. node	-2301 Jul 09 j 07:15	9°♊01'39	
morning set	-2301 Jul 19 j 14:15	27°♊26'15	
	-2301 Jul 20 j 22:00	0°♋	
superior conj	-2301 Jul 28 j 12:32	14°♋34'24	1°47'29
minimum elong	-2301 Jul 28 j 13:38	14°♋39'32	1°47'30
max. Earth dist.	-2301 Aug 04 j 17:18	27°♋37'45	1.39682 AU
	-2301 Aug 06 j 01:58	0°♌	
evening rise	-2301 Aug 08 j 22:58	4°♌54'36	
desc. node	-2301 Aug 19 j 13:31	21°♌56'36	
	-2301 Aug 24 j 22:52	0°♍	
evening max el	-2301 Sep 13 j 00:39	24°♍23'16	23°52'39
	-2301 Sep 20 j 11:28	0°♎	
retrograde	-2301 Sep 23 j 20:25	0°♎46'07	
	-2301 Sep 26 j 23:22	30°℞♍	
evening set	-2301 Sep 29 j 00:24	28°♍36'50	
inferior conj	-2301 Oct 04 j 09:38	22°♍14'33	0°-17'-51
minimum elong	-2301 Oct 04 j 10:03	22°♍13'06	0°17'40
min. Earth dist.	-2301 Oct 03 j 21:22	22°♍56'17	0.67431 AU
asc. node	-2301 Oct 05 j 06:23	21°♍04'23	
morning rise	-2301 Oct 09 j 19:54	16°♍04'10	
direct	-2301 Oct 13 j 18:02	14°♍37'02	
morning max el	-2301 Oct 22 j 00:39	19°♍27'38	20°51'48
greatest brilliancy	-2301 Oct 27 j 20:31	26°♍19'06	-0.5m
	-2301 Oct 30 j 14:36	0°♎	
desc. node	-2301 Nov 15 j 13:00	23°♎23'51	
	-2301 Nov 19 j 19:43	0°♏	
morning set	-2301 Nov 20 j 08:56	0°♏51'26	
max. Earth dist.	-2301 Nov 29 j 05:18	14°♏55'17	1.42870 AU
superior conj	-2301 Dec 05 j 23:31	26°♏05'52	-1°-47'-48
minimum elong	-2301 Dec 05 j 18:39	25°♏45'20	1°47'34
	-2301 Dec 08 j 06:43	0°♐	
evening rise	-2301 Dec 17 j 21:06	16°♐47'54	
	-2301 Dec 25 j 09:18	0°♑	
asc. node	-2300 Jan 01 j 05:35	10°♑28'02	
evening max el	-2300 Jan 03 j 20:05	13°♑27'22	18°07'54
retrograde	-2300 Jan 10 j 10:53	16°♑54'02	
evening set	-2300 Jan 13 j 03:17	16°♑19'42	
inferior conj	-2300 Jan 19 j 16:22	11°♑13'04	3°57'28
minimum elong	-2300 Jan 19 j 15:46	11°♑14'34	3°57'24
min. Earth dist.	-2300 Jan 22 j 14:49	8°♑17'58	0.61901 AU
morning rise	-2300 Jan 26 j 01:56	5°♑21'52	
direct	-2300 Feb 02 j 02:01	2°♑51'13	
desc. node	-2300 Feb 11 j 12:11	6°♑38'27	
morning max el	-2300 Feb 16 j 02:49	10°♑38'41	27°43'22

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2300 Mar 02 j 07:04	0°♒	
	-2300 Mar 19 j 05:47	0°♓	
morning set	-2300 Mar 20 j 04:23	1°♓54'32	
max. Earth dist.	-2300 Mar 26 j 02:26	14°♓22'24	1.32704 AU
superior conj	-2300 Mar 27 j 14:04	17°♓35'24	0°-17'00
minimum elong	-2300 Mar 27 j 14:51	17°♓39'38	0°16'51
asc. node	-2300 Mar 29 j 04:58	21°♓07'06	
	-2300 Apr 02 j 07:26	0°♈	
evening rise	-2300 Apr 03 j 14:33	2°♈45'16	
	-2300 Apr 18 j 11:42	0°♉	
evening max el	-2300 Apr 28 j 20:34	12°♉49'22	24°29'42
desc. node	-2300 May 09 j 11:12	19°♉26'05	
retrograde	-2300 May 12 j 19:16	19°♉51'42	
evening set	-2300 May 17 j 11:34	19°♉02'22	
min. Earth dist.	-2300 May 23 j 08:23	16°♉04'25	0.56882 AU
inferior conj	-2300 May 26 j 02:33	14°♉18'15	-3°-55'-2
minimum elong	-2300 May 25 j 21:12	14°♉26'54	3°54'05
morning rise	-2300 Jun 03 j 10:50	10°♉12'29	
direct	-2300 Jun 05 j 23:25	9°♉54'56	
morning max el	-2300 Jun 15 j 08:00	14°♉15'45	19°27'33
asc. node	-2300 Jun 25 j 04:18	27°♉41'23	
	-2300 Jun 26 j 11:36	0°♊	
morning set	-2300 Jul 02 j 14:04	11°♊43'21	
superior conj	-2300 Jul 10 j 18:09	28°♊02'22	1°47'18
minimum elong	-2300 Jul 10 j 17:15	27°♊57'57	1°47'19
	-2300 Jul 11 j 18:14	0°♋	
max. Earth dist.	-2300 Jul 16 j 19:32	9°♋35'51	1.37727 AU
evening rise	-2300 Jul 20 j 16:39	16°♋37'36	
	-2300 Jul 28 j 13:38	0°♌	
desc. node	-2300 Aug 05 j 10:31	12°♌15'24	
	-2300 Aug 18 j 09:35	0°♍	
evening max el	-2300 Aug 25 j 11:50	7°♍55'38	25°10'01
retrograde	-2300 Sep 06 j 08:10	14°♍47'39	
evening set	-2300 Sep 12 j 03:08	12°♍20'46	
min. Earth dist.	-2300 Sep 16 j 15:22	7°♍15'45	0.67037 AU
inferior conj	-2300 Sep 17 j 14:18	6°♍00'32	-1°-12'-15
minimum elong	-2300 Sep 17 j 16:03	5°♍54'48	1°11'32
asc. node	-2300 Sep 21 j 03:27	1°♍43'49	
morning rise	-2300 Sep 23 j 05:26	29°♌57'38	
	-2300 Sep 23 j 04:02	30°℞♌	
direct	-2300 Sep 26 j 16:04	28°♌48'58	
	-2300 Sep 30 j 09:03	0°♍	
morning max el	-2300 Oct 04 j 02:19	3°♍04'59	19°44'33
greatest brilliancy	-2300 Oct 12 j 05:06	13°♍18'00	-0.6m
	-2300 Oct 23 j 09:33	0°♎	
morning set	-2300 Oct 29 j 07:00	9°♎05'31	
desc. node	-2300 Nov 01 j 10:01	13°♎56'54	
max. Earth dist.	-2300 Nov 10 j 17:19	28°♎34'26	1.44194 AU
	-2300 Nov 11 j 14:49	0°♏	
superior conj	-2300 Nov 15 j 01:25	5°♏30'54	-1°-20'-40
minimum elong	-2300 Nov 14 j 17:50	5°♏00'24	1°19'56
evening rise	-2300 Nov 28 j 20:40	28°♏20'37	
	-2300 Nov 29 j 20:09	0°♐	
evening max el	-2300 Dec 17 j 08:45	26°♐45'53	18°19'13
asc. node	-2300 Dec 18 j 02:38	27°♐29'15	
	-2300 Dec 22 j 00:39	0°♑	
retrograde	-2300 Dec 23 j 21:27	0°♑18'36	
	-2300 Dec 25 j 18:06	30°℞♐	
evening set	-2300 Dec 26 j 17:58	29°♐35'08	
inferior conj	-2299 Jan 01 j 21:20	24°♐08'25	3°44'19
minimum elong	-2299 Jan 01 j 19:07	24°♐14'38	3°43'57
min. Earth dist.	-2299 Jan 04 j 05:20	21°♐32'24	0.63709 AU
morning rise	-2299 Jan 07 j 18:44	18°♐07'08	
direct	-2299 Jan 14 j 18:23	15°♐19'10	
desc. node	-2299 Jan 28 j 09:16	23°♐02'44	
morning max el	-2299 Jan 28 j 10:31	23°♐05'49	27°35'12
	-2299 Feb 03 j 14:50	0°♑	
	-2299 Feb 23 j 12:26	0°♒	
morning set	-2299 Mar 04 j 02:10	16°♒04'50	
max. Earth dist.	-2299 Mar 09 j 06:59	26°♒43'28	1.33329 AU
	-2299 Mar 10 j 20:11	0°♓	
superior conj	-2299 Mar 11 j 21:35	2°♓15'19	0°-42'-44
minimum elong	-2299 Mar 11 j 23:32	2°♓25'46	0°42'23
asc. node	-2299 Mar 16 j 02:00	11°♓14'32	
evening rise	-2299 Mar 19 j 02:10	17°♓38'11	
	-2299 Mar 25 j 06:11	0°♈	
evening max el	-2299 Apr 10 j 12:32	23°♈29'26	22°55'20
	-2299 Apr 22 j 16:40	0°♉	
retrograde	-2299 Apr 23 j 19:32	0°♉02'50	
	-2299 Apr 24 j 22:35	30°℞♈	
desc. node	-2299 Apr 26 j 08:15	29°♈48'44	
evening set	-2299 Apr 27 j 03:46	29°♈38'25	
min. Earth dist.	-2299 May 04 j 22:14	26°♈12'18	0.55574 AU
inferior conj	-2299 May 06 j 09:44	25°♈20'59	-2°-40'-20
minimum elong	-2299 May 06 j 03:27	25°♈30'05	2°38'30
morning rise	-2299 May 15 j 05:54	21°♈25'11	
direct	-2299 May 17 j 21:26	21°♈08'33	
morning max el	-2299 May 28 j 20:53	26°♈15'02	20°39'03
	-2299 Jun 01 j 08:59	0°♉	
asc. node	-2299 Jun 12 j 01:23	16°♉53'47	
morning set	-2299 Jun 16 j 20:00	26°♉21'25	
	-2299 Jun 18 j 14:31	0°♊	
superior conj	-2299 Jun 24 j 11:37	12°♊07'44	1°39'25
minimum elong	-2299 Jun 24 j 09:30	11°♊56'59	1°39'19
max. Earth dist.	-2299 Jun 29 j 02:56	21°♊24'07	1.35978 AU
evening rise	-2299 Jul 03 j 07:33	29°♊24'12	
	-2299 Jul 03 j 15:16	0°♋	
	-2299 Jul 21 j 18:19	0°♌	
desc. node	-2299 Jul 23 j 07:30	2°♌14'30	
evening max el	-2299 Aug 07 j 23:10	21°♌29'26	26°16'14
retrograde	-2299 Aug 20 j 15:01	28°♌39'57	
evening set	-2299 Aug 27 j 00:28	25°♌59'33	
min. Earth dist.	-2299 Aug 31 j 04:34	21°♌32'25	0.66311 AU
inferior conj	-2299 Sep 01 j 15:16	19°♌45'06	-2°-5'-39
minimum elong	-2299 Sep 01 j 18:15	19°♌35'52	2°04'31
morning rise	-2299 Sep 07 j 12:54	13°♌53'02	
asc. node	-2299 Sep 08 j 00:34	13°♌37'25	
direct	-2299 Sep 10 j 14:18	12°♌59'32	
morning max el	-2299 Sep 17 j 10:42	16°♌49'50	18°52'06
	-2299 Sep 27 j 07:14	0°♍	
morning set	-2299 Oct 08 j 22:11	18°♍15'00	
	-2299 Oct 16 j 08:36	0°♎	
desc. node	-2299 Oct 19 j 07:01	4°♎37'15	
max. Earth dist.	-2299 Oct 24 j 10:29	12°♎43'13	1.44858 AU
superior conj	-2299 Oct 25 j 05:33	13°♎58'20	0°-37'-34
minimum elong	-2299 Oct 25 j 00:43	13°♎39'14	0°36'59
	-2299 Nov 04 j 08:13	0°♏	
evening rise	-2299 Nov 09 j 21:06	8°♏53'26	
	-2299 Nov 23 j 03:05	0°♐	
evening max el	-2299 Nov 30 j 20:11	10°♐10'09	18°48'34
asc. node	-2299 Dec 04 j 23:42	13°♐21'34	
retrograde	-2299 Dec 07 j 14:38	13°♐59'14	
evening set	-2299 Dec 10 j 16:35	13°♐05'02	
inferior conj	-2299 Dec 16 j 12:38	7°♐20'37	3°16'57
minimum elong	-2299 Dec 16 j 09:42	7°♐29'35	3°16'12
min. Earth dist.	-2299 Dec 18 j 05:33	5°♐15'51	0.65178 AU
morning rise	-2299 Dec 22 j 01:47	1°♐12'00	
	-2299 Dec 23 j 15:34	30°℞♏	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

direct	-2299 Dec 28 j 17:14	28°♏21'53	
	-2298 Jan 03 j 07:21	0°♐	
morning max el	-2298 Jan 10 j 20:05	5°♐59'13	26°54'28
desc. node	-2298 Jan 15 j 06:21	10°♐48'11	
	-2298 Jan 29 j 08:17	0°♑	
morning set	-2298 Feb 15 j 13:43	29°♑39'24	
	-2298 Feb 15 j 18:00	0°♒	
max. Earth dist.	-2298 Feb 20 j 01:43	8°♒30'52	1.34386 AU
superior conj	-2298 Feb 23 j 23:59	16°♒34'36	-1°-7'-28
minimum elong	-2298 Feb 24 j 02:55	16°♒49'53	1°07'01
	-2298 Mar 02 j 09:12	0°♓	
asc. node	-2298 Mar 02 j 23:03	1°♓12'21	
evening rise	-2298 Mar 03 j 12:03	2°♓20'02	
	-2298 Mar 19 j 11:32	0°♈	
evening max el	-2298 Mar 23 j 10:06	4°♈20'58	21°24'28
retrograde	-2298 Apr 04 j 10:03	10°♈08'41	
evening set	-2298 Apr 06 j 21:38	9°♈54'37	
desc. node	-2298 Apr 13 j 05:21	7°♈32'53	
inferior conj	-2298 Apr 16 j 05:21	5°♈54'27	0°-50'-34
minimum elong	-2298 Apr 16 j 02:58	5°♈57'47	0°49'44
min. Earth dist.	-2298 Apr 16 j 11:37	5°♈45'38	0.55092 AU
morning rise	-2298 Apr 25 j 08:27	1°♈52'38	
direct	-2298 Apr 28 j 09:09	1°♈32'37	
morning max el	-2298 May 10 j 22:54	7°♈31'46	22°08'06
	-2298 May 26 j 14:36	0°♉	
asc. node	-2298 May 29 j 22:27	6°♉29'48	
morning set	-2298 Jun 01 j 05:48	11°♉13'16	
superior conj	-2298 Jun 08 j 13:16	26°♉39'11	1°25'46
minimum elong	-2298 Jun 08 j 10:41	26°♉25'36	1°25'30
	-2298 Jun 10 j 03:40	0°♊	
max. Earth dist.	-2298 Jun 11 j 19:27	3°♊25'23	1.34552 AU
evening rise	-2298 Jun 16 j 14:25	12°♊59'23	
	-2298 Jun 25 j 22:32	0°♋	
desc. node	-2298 Jul 10 j 04:31	21°♋45'26	
	-2298 Jul 16 j 18:42	0°♌	
evening max el	-2298 Jul 21 j 10:49	4°♌56'51	27°03'27
retrograde	-2298 Aug 03 j 16:39	12°♌16'34	
evening set	-2298 Aug 10 j 13:58	9°♌30'08	
min. Earth dist.	-2298 Aug 14 j 10:36	5°♌41'24	0.65218 AU
inferior conj	-2298 Aug 16 j 10:24	3°♌24'51	-2°-55'-55
minimum elong	-2298 Aug 16 j 14:19	3°♌13'38	2°54'39
	-2298 Aug 19 j 15:14	30°℞♋	
morning rise	-2298 Aug 22 j 16:01	27°♋47'00	
direct	-2298 Aug 25 j 10:33	27°♋05'17	
asc. node	-2298 Aug 25 j 21:40	27°♋06'27	
	-2298 Aug 31 j 07:48	0°♌	
morning max el	-2298 Aug 31 j 23:50	0°♌38'53	18°16'05
morning set	-2298 Sep 19 j 17:02	28°♌46'24	
	-2298 Sep 20 j 10:53	0°♍	
superior conj	-2298 Oct 04 j 07:05	22°♍24'03	0°12'04
minimum elong	-2298 Oct 04 j 08:36	22°♍30'05	0°11'52
behind sun begin	-2298 Oct 04 j 00:59	21°♍59'47	
behind sun end	-2298 Oct 04 j 16:14	23°♍00'22	
desc. node	-2298 Oct 06 j 03:59	25°♍21'56	
max. Earth dist.	-2298 Oct 07 j 05:17	27°♍01'50	1.44787 AU
	-2298 Oct 09 j 02:30	0°♎	
evening rise	-2298 Oct 20 j 21:32	18°♎26'49	
	-2298 Oct 28 j 07:55	0°♏	
greatest brilliancy	-2298 Nov 05 j 16:16	12°♏38'17	-0.7m
evening max el	-2298 Nov 14 j 04:03	23°♏36'43	19°34'31
retrograde	-2298 Nov 21 j 11:15	27°♏51'00	
asc. node	-2298 Nov 21 j 20:48	27°♏50'06	
evening set	-2298 Nov 24 j 20:26	26°♏44'04	
inferior conj	-2298 Nov 30 j 11:12	20°♏45'03	2°39'35
minimum elong	-2298 Nov 30 j 08:17	20°♏54'35	2°38'38
min. Earth dist.	-2298 Dec 01 j 14:18	19°♏16'48	0.66273 AU
morning rise	-2298 Dec 05 j 19:25	14°♏31'22	
direct	-2298 Dec 11 j 21:58	11°♏51'02	
morning max el	-2298 Dec 24 j 05:28	19°♏07'37	25°48'37
desc. node	-2297 Jan 02 j 03:24	29°♏31'03	
	-2297 Jan 02 j 12:18	0°♐	
	-2297 Jan 22 j 09:43	0°♑	
morning set	-2297 Jan 29 j 10:42	12°♑25'27	
max. Earth dist.	-2297 Feb 02 j 08:43	19°♑46'25	1.35886 AU
superior conj	-2297 Feb 07 j 18:44	0°♒25'45	-1°-29'-38
minimum elong	-2297 Feb 07 j 22:10	0°♒43'03	1°29'16
	-2297 Feb 07 j 13:37	0°♒	
evening rise	-2297 Feb 15 j 18:16	16°♒44'36	
asc. node	-2297 Feb 17 j 20:05	20°♒55'49	
	-2297 Feb 22 j 14:02	0°♓	
evening max el	-2297 Mar 05 j 17:45	15°♓44'24	20°07'08
retrograde	-2297 Mar 16 j 01:39	20°♓39'58	
evening set	-2297 Mar 18 j 06:52	20°♓27'20	
inferior conj	-2297 Mar 27 j 03:18	16°♓27'45	1°05'48
minimum elong	-2297 Mar 27 j 06:06	16°♓23'31	1°04'50
min. Earth dist.	-2297 Mar 29 j 01:42	15°♓18'05	0.55551 AU
desc. node	-2297 Mar 31 j 02:27	14°♓08'38	
morning rise	-2297 Apr 05 j 02:40	12°♓01'43	
direct	-2297 Apr 08 j 23:32	11°♓28'54	
morning max el	-2297 Apr 22 j 16:42	18°♓15'45	23°47'14
	-2297 May 02 j 07:38	0°♈	
morning set	-2297 May 16 j 17:33	26°♈12'40	
asc. node	-2297 May 16 j 19:28	26°♈22'46	
	-2297 May 18 j 12:31	0°♉	
superior conj	-2297 May 23 j 20:20	11°♉27'42	1°07'47
minimum elong	-2297 May 23 j 17:51	11°♉14'26	1°07'25
max. Earth dist.	-2297 May 25 j 21:18	15°♉49'39	1.33503 AU
evening rise	-2297 May 31 j 08:44	27°♉09'57	
	-2297 Jun 01 j 18:58	0°♊	
	-2297 Jun 19 j 05:36	0°♋	
desc. node	-2297 Jun 27 j 01:34	10°♋35'41	
evening max el	-2297 Jul 03 j 21:24	18°♋05'46	27°24'40
retrograde	-2297 Jul 17 j 12:40	25°♋28'10	
evening set	-2297 Jul 24 j 16:31	22°♋47'11	
min. Earth dist.	-2297 Jul 28 j 07:36	19°♋33'06	0.63746 AU
inferior conj	-2297 Jul 30 j 21:07	16°♋53'55	-3°-40'-8
minimum elong	-2297 Jul 31 j 01:18	16°♋43'05	3°39'06
morning rise	-2297 Aug 06 j 12:03	11°♋33'30	
direct	-2297 Aug 09 j 02:01	11°♋00'30	
asc. node	-2297 Aug 12 j 18:44	12°♋08'24	
morning max el	-2297 Aug 15 j 15:03	14°♋26'02	17°57'26
	-2297 Aug 26 j 10:53	0°♌	
morning set	-2297 Sep 01 j 13:52	10°♌32'07	
	-2297 Sep 13 j 01:09	0°♍	
superior conj	-2297 Sep 14 j 03:10	1°♍47'09	0°55'41
minimum elong	-2297 Sep 14 j 08:25	2°♍08'42	0°55'05
max. Earth dist.	-2297 Sep 19 j 21:49	11°♍08'58	1.44005 AU
desc. node	-2297 Sep 23 j 00:59	16°♍07'37	
evening rise	-2297 Sep 30 j 05:02	27°♍19'00	
	-2297 Oct 01 j 22:52	0°♎	
greatest brilliancy	-2297 Oct 22 j 04:44	29°♎45'16	-0.5m
	-2297 Oct 22 j 09:10	0°♏	
evening max el	-2297 Oct 28 j 06:35	7°♏03'11	20°35'07
retrograde	-2297 Nov 05 j 08:43	11°♏49'52	
asc. node	-2297 Nov 08 j 17:52	10°♏44'08	
evening set	-2297 Nov 09 j 03:15	10°♏27'54	
inferior conj	-2297 Nov 14 j 14:30	4°♏17'47	1°55'08
minimum elong	-2297 Nov 14 j 12:07	4°♏25'52	1°54'14

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

min. Earth dist.	-2297 Nov 15 j 05:26	3°♏27'05	0.67014 AU
	-2297 Nov 17 j 22:17	30°℞♎	
morning rise	-2297 Nov 19 j 20:30	28°♎01'28	
direct	-2297 Nov 25 j 08:05	25°♎38'40	
	-2297 Dec 04 j 02:09	0°♏	
morning max el	-2297 Dec 06 j 14:02	2°♏21'12	24°27'07
desc. node	-2297 Dec 20 j 00:25	18°♏54'13	
	-2297 Dec 27 j 15:34	0°♐	
morning set	-2296 Jan 11 j 11:21	24°♐06'43	
	-2296 Jan 14 j 18:59	0°♑	
max. Earth dist.	-2296 Jan 15 j 06:04	0°♑50'04	1.37769 AU
superior conj	-2296 Jan 22 j 02:27	13°♑39'16	-1°-47'-7
minimum elong	-2296 Jan 22 j 05:29	13°♑53'51	1°46'58
	-2296 Jan 30 j 09:26	0°♒	
evening rise	-2296 Jan 30 j 18:30	0°♒44'57	
asc. node	-2296 Feb 04 j 17:07	10°♒19'12	
evening max el	-2296 Feb 16 j 12:09	27°♒45'06	19°08'15
	-2296 Feb 19 j 06:58	0°♓	
retrograde	-2296 Feb 25 j 05:47	1°♓56'05	
evening set	-2296 Feb 27 j 12:59	1°♓39'56	
	-2296 Mar 02 j 16:17	30°℞♒	
inferior conj	-2296 Mar 06 j 16:13	27°♒27'37	2°38'02
minimum elong	-2296 Mar 06 j 20:58	27°♒19'26	2°36'46
min. Earth dist.	-2296 Mar 09 j 17:14	25°♒23'01	0.56846 AU
morning rise	-2296 Mar 15 j 00:57	22°♒30'03	
desc. node	-2296 Mar 16 j 23:31	21°♒53'12	
direct	-2296 Mar 20 j 02:11	21°♒30'15	
morning max el	-2296 Apr 03 j 07:36	28°♒49'25	25°23'51
	-2296 Apr 04 j 12:00	0°♓	
	-2296 Apr 24 j 15:47	0°♈	
morning set	-2296 Apr 30 j 05:37	11°♈14'02	
asc. node	-2296 May 02 j 16:29	16°♈27'28	
superior conj	-2296 May 07 j 06:37	26°♈26'16	0°46'34
minimum elong	-2296 May 07 j 04:43	26°♈15'55	0°46'13
max. Earth dist.	-2296 May 08 j 06:19	28°♈35'16	1.32827 AU
	-2296 May 08 j 21:56	0°♉	
evening rise	-2296 May 14 j 11:03	11°♉45'12	
	-2296 May 24 j 00:01	0°♊	
desc. node	-2296 Jun 12 j 22:36	28°♊28'09	
	-2296 Jun 14 j 10:28	0°♋	
evening max el	-2296 Jun 15 j 04:53	0°♋44'47	27°14'43
retrograde	-2296 Jun 29 j 02:19	8°♋05'37	
evening set	-2296 Jul 06 j 04:15	5°♋44'19	
min. Earth dist.	-2296 Jul 09 j 18:40	2°♋55'14	0.61939 AU
inferior conj	-2296 Jul 12 j 20:25	0°♋05'51	-4°-13'-47
minimum elong	-2296 Jul 12 j 23:41	29°♊58'20	4°13'17
	-2296 Jul 12 j 22:57	30°℞♊	
morning rise	-2296 Jul 19 j 21:46	25°♊05'33	
direct	-2296 Jul 22 j 09:27	24°♊38'43	
morning max el	-2296 Jul 29 j 05:32	28°♊04'59	17°57'06
asc. node	-2296 Jul 29 j 15:45	28°♊30'37	
	-2296 Jul 31 j 00:05	0°♋	
morning set	-2296 Aug 14 j 07:10	23°♋16'59	
	-2296 Aug 18 j 00:17	0°♌	
superior conj	-2296 Aug 25 j 02:41	12°♌31'52	1°26'18
minimum elong	-2296 Aug 25 j 07:31	12°♌52'42	1°25'53
max. Earth dist.	-2296 Sep 01 j 09:44	24°♌48'28	1.42624 AU
	-2296 Sep 04 j 14:25	0°♍	
evening rise	-2296 Sep 08 j 12:58	6°♍15'55	
desc. node	-2296 Sep 08 j 21:59	6°♍51'18	
	-2296 Sep 24 j 06:40	0°♎	
greatest brilliancy	-2296 Oct 05 j 06:35	14°♎57'34	-0.4m
evening max el	-2296 Oct 10 j 03:13	20°♎30'05	21°47'13
retrograde	-2296 Oct 19 j 05:03	25°♎53'42	
evening set	-2296 Oct 23 j 11:09	24°♎14'25	
asc. node	-2296 Oct 25 j 14:54	22°♎08'38	
inferior conj	-2296 Oct 28 j 20:29	17°♎56'51	1°05'47
minimum elong	-2296 Oct 28 j 19:00	18°♎01'57	1°05'10
min. Earth dist.	-2296 Oct 29 j 00:30	17°♎42'57	0.67425 AU
morning rise	-2296 Nov 03 j 02:36	11°♎40'37	
direct	-2296 Nov 07 j 22:52	9°♎39'15	
morning max el	-2296 Nov 17 j 23:42	15°♎37'55	22°59'59
greatest brilliancy	-2296 Nov 22 j 20:38	21°♎05'59	-0.3m
	-2296 Nov 29 j 16:52	0°♏	
desc. node	-2296 Dec 05 j 21:26	8°♏46'24	
	-2296 Dec 19 j 16:12	0°♐	
morning set	-2296 Dec 22 j 09:30	4°♐27'37	
max. Earth dist.	-2296 Dec 27 j 01:20	12°♐19'43	1.39861 AU
superior conj	-2295 Jan 03 j 18:50	26°♐04'04	-1°-57'00
minimum elong	-2295 Jan 03 j 19:59	26°♐09'24	1°57'04
	-2295 Jan 05 j 21:53	0°♑	
evening rise	-2295 Jan 13 j 09:58	14°♑14'11	
asc. node	-2295 Jan 21 j 14:09	29°♑15'21	
	-2295 Jan 22 j 00:47	0°♒	
evening max el	-2295 Jan 29 j 15:20	10°♒17'39	18°29'10
retrograde	-2295 Feb 06 j 04:15	13°♒59'19	
evening set	-2295 Feb 08 j 15:22	13°♒36'55	
inferior conj	-2295 Feb 16 j 01:32	9°♒04'33	3°33'45
minimum elong	-2295 Feb 16 j 04:51	8°♒57'55	3°33'13
min. Earth dist.	-2295 Feb 19 j 11:31	6°♒21'48	0.58699 AU
morning rise	-2295 Feb 23 j 14:41	3°♒40'23	
direct	-2295 Mar 01 j 18:10	2°♒03'13	
desc. node	-2295 Mar 03 j 20:35	2°♒14'24	
morning max el	-2295 Mar 16 j 01:11	9°♒39'02	26°42'54
	-2295 Mar 31 j 14:25	0°♓	
morning set	-2295 Apr 14 j 16:15	26°♓10'09	
	-2295 Apr 16 j 11:46	0°♈	
asc. node	-2295 Apr 19 j 13:30	6°♈38'18	
superior conj	-2295 Apr 21 j 18:16	11°♈27'02	0°22'59
minimum elong	-2295 Apr 21 j 17:15	11°♈21'31	0°22'46
max. Earth dist.	-2295 Apr 21 j 19:05	11°♈31'32	1.32504 AU
evening rise	-2295 Apr 28 j 18:35	26°♈34'45	
	-2295 Apr 30 j 10:18	0°♉	
	-2295 May 17 j 16:08	0°♊	
evening max el	-2295 May 28 j 06:55	12°♊42'53	26°31'54
desc. node	-2295 May 30 j 19:39	14°♊57'37	
retrograde	-2295 Jun 11 j 07:54	19°♊59'51	
evening set	-2295 Jun 17 j 20:44	18°♊11'17	
min. Earth dist.	-2295 Jun 21 j 20:14	15°♊32'03	0.59920 AU
inferior conj	-2295 Jun 25 j 04:43	12°♊50'53	-4°-29'-55
minimum elong	-2295 Jun 25 j 05:24	12°♊49'30	4°29'52
morning rise	-2295 Jul 02 j 17:26	8°♊12'39	
direct	-2295 Jul 05 j 04:47	7°♊50'09	
morning max el	-2295 Jul 12 j 16:20	11°♊27'11	18°16'09
asc. node	-2295 Jul 16 j 12:48	15°♊56'56	
	-2295 Jul 25 j 00:51	0°♋	
morning set	-2295 Jul 28 j 15:29	6°♋45'57	
superior conj	-2295 Aug 07 j 03:33	24°♋31'58	1°43'11
minimum elong	-2295 Aug 07 j 06:04	24°♋43'23	1°43'06
	-2295 Aug 10 j 04:36	0°♌	
max. Earth dist.	-2295 Aug 14 j 16:21	7°♌48'47	1.40823 AU
evening rise	-2295 Aug 19 j 14:53	16°♌04'06	
desc. node	-2295 Aug 26 j 18:59	27°♌29'00	
	-2295 Aug 28 j 10:14	0°♍	
greatest brilliancy	-2295 Sep 17 j 08:06	27°♍52'09	-0.2m
	-2295 Sep 19 j 03:01	0°♎	
evening max el	-2295 Sep 22 j 18:34	3°♎58'23	23°06'23
retrograde	-2295 Oct 02 j 22:48	9°♎59'57	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening set	-2295 Oct 07 j 18:27	8°♎01'43	
asc. node	-2295 Oct 12 j 11:56	2°♎33'08	
inferior conj	-2295 Oct 13 j 03:19	1°♎40'18	0°13'15
minimum elong	-2295 Oct 13 j 03:00	1°♎41'22	0°13'06
transit middle	-2295 Oct 13 j 03:00	1°♎41'22	0°13'06
transit begin	-2295 Oct 13 j 01:23	1°♎46'56	
transit end	-2295 Oct 13 j 04:37	1°♎35'49	
min. Earth dist.	-2295 Oct 12 j 21:00	2°♎02'01	0.67520 AU
	-2295 Oct 14 j 08:46	30°℞♍	
morning rise	-2295 Oct 18 j 11:33	25°♍27'05	
direct	-2295 Oct 22 j 17:24	23°♍47'48	
morning max el	-2295 Oct 31 j 14:03	29°♍01'21	21°36'05
	-2295 Nov 01 j 12:32	0°♎	
greatest brilliancy	-2295 Nov 05 j 15:01	4°♎47'45	-0.4m
desc. node	-2295 Nov 22 j 18:28	28°♎59'27	
	-2295 Nov 23 j 10:30	0°♏	
morning set	-2295 Dec 02 j 02:56	13°♏26'54	
max. Earth dist.	-2295 Dec 09 j 02:16	24°♏43'43	1.41872 AU
	-2295 Dec 12 j 06:02	0°♐	
superior conj	-2295 Dec 16 j 14:29	7°♐27'09	-1°-55'-30
minimum elong	-2295 Dec 16 j 12:05	7°♐16'42	1°55'29
evening rise	-2295 Dec 27 j 13:20	27°♐05'29	
	-2295 Dec 29 j 03:30	0°♑	
asc. node	-2294 Jan 08 j 11:11	17°♑36'01	
evening max el	-2294 Jan 13 j 00:29	23°♑14'16	18°10'01
retrograde	-2294 Jan 19 j 20:17	26°♑42'26	
evening set	-2294 Jan 22 j 10:49	26°♑12'38	
inferior conj	-2294 Jan 29 j 06:40	21°♑18'01	3°56'18
minimum elong	-2294 Jan 29 j 07:24	21°♑16'19	3°56'14
min. Earth dist.	-2294 Feb 01 j 11:35	18°♑20'58	0.60752 AU
morning rise	-2294 Feb 05 j 01:15	15°♑34'59	
direct	-2294 Feb 11 j 21:04	13°♑21'20	
desc. node	-2294 Feb 18 j 17:39	15°♑22'12	
morning max el	-2294 Feb 26 j 00:55	21°♑05'16	27°31'44
	-2294 Mar 05 j 19:13	0°♒	
	-2294 Mar 24 j 11:40	0°♓	
morning set	-2294 Mar 29 j 23:42	10°♓54'38	
max. Earth dist.	-2294 Apr 05 j 07:51	24°♓25'16	1.32531 AU
superior conj	-2294 Apr 06 j 05:38	26°♓24'12	0°-2'-10
minimum elong	-2294 Apr 06 j 05:44	26°♓24'44	0°02'09
behind sun begin	-2294 Apr 06 j 00:43	25°♓57'22	
behind sun end	-2294 Apr 06 j 10:44	26°♓52'05	
asc. node	-2294 Apr 06 j 10:33	26°♓51'07	
	-2294 Apr 07 j 21:05	0°♈	
evening rise	-2294 Apr 13 j 05:10	11°♈30'49	
	-2294 Apr 22 j 16:57	0°♉	
evening max el	-2294 May 10 j 02:22	23°♉57'35	25°20'05
desc. node	-2294 May 17 j 16:41	29°♉31'20	
	-2294 May 18 j 18:11	0°♊	
retrograde	-2294 May 24 j 03:29	1°♊07'39	
evening set	-2294 May 29 j 14:57	29°♉57'40	
	-2294 May 29 j 12:41	30°℞♉	
min. Earth dist.	-2294 Jun 03 j 14:23	27°♉11'06	0.57913 AU
inferior conj	-2294 Jun 06 j 18:30	24°♉59'21	-4°-18'-32
minimum elong	-2294 Jun 06 j 15:15	25°♉05'01	4°18'11
morning rise	-2294 Jun 14 j 19:30	20°♉43'08	
direct	-2294 Jun 17 j 07:40	20°♉23'56	
morning max el	-2294 Jun 25 j 20:34	24°♉24'07	18°55'33
	-2294 Jun 30 j 14:50	0°♊	
asc. node	-2294 Jul 03 j 09:52	4°♊13'25	
morning set	-2294 Jul 12 j 10:36	20°♊48'13	
	-2294 Jul 17 j 02:48	0°♋	
superior conj	-2294 Jul 21 j 00:16	7°♋32'37	1°48'28
minimum elong	-2294 Jul 21 j 00:26	7°♋33'23	1°48'32

max. Earth dist.	-2294 Jul 27 j 19:11	20°♋07'26	1.38845 AU
evening rise	-2294 Jul 31 j 18:16	27°♋05'09	
	-2294 Aug 02 j 11:13	0°♌	
desc. node	-2294 Aug 13 j 15:59	17°♌56'24	
	-2294 Aug 21 j 23:23	0°♍	
evening max el	-2294 Sep 05 j 06:30	17°♍28'52	24°26'25
retrograde	-2294 Sep 16 j 12:54	24°♍04'44	
evening set	-2294 Sep 21 j 23:23	21°♍47'29	
min. Earth dist.	-2294 Sep 26 j 16:31	16°♍22'02	0.67307 AU
inferior conj	-2294 Sep 27 j 09:16	15°♍25'49	0°-40'-57
minimum elong	-2294 Sep 27 j 10:15	15°♍22'30	0°40'32
asc. node	-2294 Sep 29 j 09:01	12°♍50'06	
morning rise	-2294 Oct 02 j 21:26	9°♍18'30	
direct	-2294 Oct 06 j 14:26	7°♍59'37	
morning max el	-2294 Oct 14 j 11:30	12°♍33'58	20°21'32
greatest brilliancy	-2294 Oct 21 j 02:13	20°♍32'46	-0.6m
	-2294 Oct 27 j 18:33	0°♎	
desc. node	-2294 Nov 09 j 15:27	19°♎26'32	
morning set	-2294 Nov 11 j 01:36	21°♎38'27	
	-2294 Nov 16 j 10:03	0°♏	
max. Earth dist.	-2294 Nov 21 j 10:54	8°♏00'34	1.43509 AU
superior conj	-2294 Nov 27 j 08:04	17°♏35'10	-1°-38'-29
minimum elong	-2294 Nov 27 j 01:36	17°♏08'29	1°38'00
	-2294 Dec 04 j 17:13	0°♐	
evening rise	-2294 Dec 10 j 00:22	9°♐09'30	
	-2294 Dec 22 j 10:44	0°♑	
asc. node	-2294 Dec 26 j 08:14	5°♑09'48	
evening max el	-2294 Dec 27 j 12:35	6°♑26'06	18°10'23
retrograde	-2293 Jan 03 j 01:29	9°♑54'14	
evening set	-2293 Jan 05 j 19:30	9°♑16'08	
inferior conj	-2293 Jan 12 j 04:05	4°♑00'22	3°53'58
minimum elong	-2293 Jan 12 j 02:41	4°♑04'04	3°53'47
min. Earth dist.	-2293 Jan 14 j 20:30	1°♑11'39	0.62706 AU
	-2293 Jan 16 j 01:44	30°℞♐	
morning rise	-2293 Jan 18 j 07:57	28°♐04'18	
direct	-2293 Jan 25 j 08:46	25°♐24'45	
	-2293 Feb 04 j 17:02	0°♑	
desc. node	-2293 Feb 05 j 14:43	0°♑45'05	
morning max el	-2293 Feb 08 j 06:33	3°♑12'26	27°44'18
	-2293 Feb 28 j 05:27	0°♒	
morning set	-2293 Mar 14 j 01:45	25°♒19'43	
	-2293 Mar 16 j 08:32	0°♓	
max. Earth dist.	-2293 Mar 19 j 16:38	7°♓02'06	1.32923 AU
superior conj	-2293 Mar 21 j 15:03	11°♓11'39	0°-27'-58
minimum elong	-2293 Mar 21 j 16:20	11°♓18'37	0°27'43
asc. node	-2293 Mar 24 j 07:37	17°♓01'27	
evening rise	-2293 Mar 28 j 16:54	26°♓26'17	
	-2293 Mar 30 j 09:53	0°♈	
	-2293 Apr 17 j 09:58	0°♉	
evening max el	-2293 Apr 21 j 17:42	4°♉41'45	23°49'52
desc. node	-2293 May 04 j 13:44	11°♉32'46	
retrograde	-2293 May 05 j 11:23	11°♉34'37	
evening set	-2293 May 09 j 13:35	10°♉57'33	
min. Earth dist.	-2293 May 16 j 04:47	7°♉49'09	0.56236 AU
inferior conj	-2293 May 18 j 12:05	6°♉24'55	-3°-28'-36
minimum elong	-2293 May 18 j 05:47	6°♉34'35	3°27'08
morning rise	-2293 May 27 j 01:45	2°♉25'27	
direct	-2293 May 29 j 15:13	2°♉08'39	
morning max el	-2293 Jun 08 j 15:41	6°♉46'56	19°55'43
asc. node	-2293 Jun 20 j 06:57	23°♉08'17	
	-2293 Jun 23 j 22:00	0°♊	
morning set	-2293 Jun 26 j 13:21	5°♊15'31	
superior conj	-2293 Jul 04 j 11:30	21°♊18'45	1°44'46
minimum elong	-2293 Jul 04 j 10:00	21°♊11'13	1°44'46

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2293 Jul 08 j 22:02	0°♋		
max. Earth dist.	-2293 Jul 09 j 22:55	1°♋58'30	1.36942 AU	
evening rise	-2293 Jul 13 j 21:37	9°♋17'08		
	-2293 Jul 26 j 04:16	0°♌		
desc. node	-2293 Jul 31 j 12:59	8°♌08'21		
	-2293 Aug 17 j 16:32	0°♍		
evening max el	-2293 Aug 18 j 17:27	1°♍02'24	25°39'56	
retrograde	-2293 Aug 30 j 22:45	8°♍04'02		
evening set	-2293 Sep 06 j 00:08	5°♍30'23		
min. Earth dist.	-2293 Sep 10 j 08:42	0°♍41'31	0.66772 AU	
	-2293 Sep 10 j 21:42	30°℞♌		
inferior conj	-2293 Sep 11 j 12:37	29°♌12'04	-1°-35'-9	
minimum elong	-2293 Sep 11 j 14:55	29°♌04'42	1°34'13	
asc. node	-2293 Sep 16 j 06:06	23°♌57'17		
morning rise	-2293 Sep 17 j 06:22	23°♌13'37		
direct	-2293 Sep 20 j 12:43	22°♌12'01		
morning max el	-2293 Sep 27 j 16:21	26°♌16'02	19°20'20	
	-2293 Sep 30 j 22:30	0°♍		
greatest brilliancy	-2293 Oct 07 j 16:41	9°♍24'10	-0.7m	
morning set	-2293 Oct 21 j 04:39	0°♎10'25		
	-2293 Oct 21 j 01:59	0°♎		
desc. node	-2293 Oct 27 j 12:28	10°♎03'30		
max. Earth dist.	-2293 Nov 04 j 01:27	21°♎54'43	1.44564 AU	
superior conj	-2293 Nov 06 j 23:12	26°♎31'15	-1°-3'-57	
minimum elong	-2293 Nov 06 j 16:01	26°♎02'42	1°03'10	
	-2293 Nov 09 j 03:33	0°♏		
evening rise	-2293 Nov 21 j 14:34	20°♏17'54		
	-2293 Nov 27 j 11:00	0°♐		
evening max el	-2293 Dec 11 j 00:58	19°♐47'20	18°29'30	
asc. node	-2293 Dec 13 j 05:18	21°♐43'34		
retrograde	-2293 Dec 17 j 15:24	23°♐26'13		
evening set	-2293 Dec 20 j 13:54	22°♐38'33		
inferior conj	-2293 Dec 26 j 13:54	17°♐03'56	3°34'07	
minimum elong	-2293 Dec 26 j 11:16	17°♐11'35	3°33'36	
min. Earth dist.	-2293 Dec 28 j 15:26	14°♐39'57	0.64379 AU	
morning rise	-2292 Jan 01 j 07:18	10°♐58'53		
direct	-2292 Jan 08 j 04:06	8°♐08'12		
morning max el	-2292 Jan 21 j 15:35	15°♐53'00	27°21'24	
desc. node	-2292 Jan 23 j 11:48	17°♐47'18		
	-2292 Feb 02 j 08:10	0°♑		
	-2292 Feb 20 j 22:25	0°♒		
morning set	-2292 Feb 25 j 19:38	9°♒16'21		
max. Earth dist.	-2292 Mar 01 j 17:20	19°♒09'12	1.33720 AU	
superior conj	-2292 Mar 04 j 20:39	25°♒43'25	0°-53'-27	
minimum elong	-2292 Mar 04 j 23:03	25°♒56'10	0°53'02	
	-2292 Mar 06 j 20:55	0°♓		
asc. node	-2292 Mar 10 j 04:40	7°♓05'13		
evening rise	-2292 Mar 12 j 04:00	11°♓14'55		
	-2292 Mar 21 j 22:29	0°♈		
evening max el	-2292 Apr 02 j 11:11	15°♈23'00	22°15'31	
retrograde	-2292 Apr 15 j 07:13	21°♈39'20		
evening set	-2292 Apr 18 j 04:26	21°♈20'58		
desc. node	-2292 Apr 20 j 10:50	20°♈42'36		
min. Earth dist.	-2292 Apr 26 j 18:30	17°♈38'29	0.55245 AU	
inferior conj	-2292 Apr 27 j 12:56	17°♈12'23	-1°-56'-44	
minimum elong	-2292 Apr 27 j 07:49	17°♈19'39	1°55'04	
morning rise	-2292 May 06 j 12:59	13°♈16'16		
direct	-2292 May 09 j 06:59	12°♈59'07		
morning max el	-2292 May 20 j 23:57	18°♈28'20	21°15'16	
	-2292 May 30 j 03:05	0°♉		
asc. node	-2292 Jun 06 j 04:01	12°♉31'30		
morning set	-2292 Jun 09 j 21:09	19°♉59'59		
	-2292 Jun 14 j 16:11	0°♊		
superior conj	-2292 Jun 17 j 08:51	5°♊36'36	1°34'15	
minimum elong	-2292 Jun 17 j 06:27	5°♊24'14	1°34'04	
max. Earth dist.	-2292 Jun 21 j 09:30	13°♊48'22	1.35316 AU	
evening rise	-2292 Jun 25 j 19:54	22°♊26'17		
	-2292 Jun 29 j 22:09	0°♋		
desc. node	-2292 Jul 17 j 10:01	27°♋57'04		
	-2292 Jul 18 j 21:38	0°♌		
evening max el	-2292 Jul 31 j 04:51	14°♌34'29	26°39'07	
retrograde	-2292 Aug 13 j 03:39	21°♌50'52		
evening set	-2292 Aug 19 j 18:29	19°♌06'41		
min. Earth dist.	-2292 Aug 23 j 19:13	14°♌55'55	0.65887 AU	
inferior conj	-2292 Aug 25 j 11:22	12°♌55'27	-2°-27'-31	
minimum elong	-2292 Aug 25 j 14:49	12°♌45'07	2°26'17	
morning rise	-2292 Aug 31 j 12:14	7°♌08'58		
asc. node	-2292 Sep 02 j 03:11	6°♌30'30		
direct	-2292 Sep 03 j 10:19	6°♌21'01		
morning max el	-2292 Sep 10 j 03:03	10°♌03'34	18°34'40	
	-2292 Sep 24 j 03:32	0°♍		
morning set	-2292 Sep 30 j 07:12	9°♍54'04		
	-2292 Oct 12 j 21:43	0°♎		
desc. node	-2292 Oct 13 j 09:28	0°♎46'23		
superior conj	-2292 Oct 15 j 23:27	4°♎50'38	0°-16'-33	
minimum elong	-2292 Oct 15 j 21:15	4°♎41'59	0°16'17	
behind sun begin	-2292 Oct 15 j 20:40	4°♎39'41		
behind sun end	-2292 Oct 15 j 21:50	4°♎44'16		
max. Earth dist.	-2292 Oct 16 j 19:05	6°♎07'57	1.44918 AU	
	-2292 Oct 31 j 22:20	0°♏		
evening rise	-2292 Nov 01 j 04:32	0°♏24'35		
	-2292 Nov 20 j 16:07	0°♐		
evening max el	-2292 Nov 23 j 11:08	3°♐13'18	19°06'13	
asc. node	-2292 Nov 29 j 02:20	7°♐02'13		
retrograde	-2292 Nov 30 j 10:19	7°♐12'10		
evening set	-2292 Dec 03 j 15:02	6°♐12'59		
inferior conj	-2292 Dec 09 j 08:38	0°♐22'13	3°02'06	
minimum elong	-2292 Dec 09 j 05:38	0°♐31'41	3°01'15	
	-2292 Dec 09 j 15:41	30°℞♏		
min. Earth dist.	-2292 Dec 10 j 19:36	28°♏32'18	0.65692 AU	
morning rise	-2292 Dec 14 j 19:18	24°♏11'06		
direct	-2292 Dec 21 j 05:46	21°♏23'32		
morning max el	-2291 Jan 03 j 01:10	28°♏54'11	26°28'53	
	-2291 Jan 04 j 02:52	0°♐		
desc. node	-2291 Jan 09 j 08:51	5°♐59'58		
	-2291 Jan 26 j 03:30	0°♑		
morning set	-2291 Feb 08 j 01:39	22°♑32'48		
	-2291 Feb 11 j 22:31	0°♒		
max. Earth dist.	-2291 Feb 12 j 06:49	0°♒40'53	1.34965 AU	
superior conj	-2291 Feb 16 j 20:11	9°♒52'33	-1°-17'-18	
minimum elong	-2291 Feb 16 j 23:25	10°♒09'08	1°16'52	
evening rise	-2291 Feb 24 j 12:36	25°♒50'36		
asc. node	-2291 Feb 25 j 01:42	26°♒57'57		
	-2291 Feb 26 j 13:29	0°♓		
evening max el	-2291 Mar 15 j 12:56	26°♓27'58	20°49'37	
	-2291 Mar 20 j 04:04	0°♈		
retrograde	-2291 Mar 26 j 20:23	1°♈52'55		
evening set	-2291 Mar 29 j 03:37	1°♈40'21		
	-2291 Apr 03 j 01:51	30°℞♓		
inferior conj	-2291 Apr 07 j 07:51	27°♓42'57	0°00'02	
minimum elong	-2291 Apr 07 j 07:51	27°♓42'57	0°00'02	
transit middle	-2291 Apr 07 j 07:51	27°♓42'57	0°00'02	
transit begin	-2291 Apr 07 j 03:46	27°♓48'47		
transit end	-2291 Apr 07 j 11:56	27°♓37'06		
desc. node	-2291 Apr 07 j 07:54	27°♓42'52		
min. Earth dist.	-2291 Apr 08 j 08:28	27°♓07'44	0.55170 AU	
morning rise	-2291 Apr 16 j 10:47	23°♓32'18		
direct	-2291 Apr 19 j 18:47	23°♓08'10		
morning max el	-2291 May 02 j 21:57	29°♓29'38	22°49'36	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2291 May 03 j 10:37	0°♈	
	-2291 May 22 j 22:26	0°♉	
asc. node	-2291 May 24 j 01:04	2°♉15'45	
morning set	-2291 May 25 j 07:58	4°♉55'48	
superior conj	-2291 Jun 01 j 13:05	20°♉16'23	1°18'37
minimum elong	-2291 Jun 01 j 10:29	20°♉02'34	1°18'17
max. Earth dist.	-2291 Jun 04 j 06:05	25°♉58'49	1.34061 AU
	-2291 Jun 06 j 04:46	0°♊	
evening rise	-2291 Jun 09 j 08:09	6°♊18'27	
	-2291 Jun 22 j 13:02	0°♋	
desc. node	-2291 Jul 04 j 07:03	17°♋12'24	
evening max el	-2291 Jul 13 j 16:27	27°♋56'08	27°16'06
	-2291 Jul 15 j 23:10	0°♌	
retrograde	-2291 Jul 27 j 02:59	5°♌17'26	
evening set	-2291 Aug 03 j 03:43	2°♌32'07	
	-2291 Aug 05 j 22:19	30°℞♋	
min. Earth dist.	-2291 Aug 06 j 21:45	28°♋58'30	0.64635 AU
inferior conj	-2291 Aug 09 j 03:15	26°♋31'27	-3°-15'-40
minimum elong	-2291 Aug 09 j 07:23	26°♋20'04	3°14'27
morning rise	-2291 Aug 15 j 12:39	21°♋00'19	
direct	-2291 Aug 18 j 04:58	20°♋22'36	
asc. node	-2291 Aug 20 j 00:15	20°♋39'44	
morning max el	-2291 Aug 24 j 17:17	23°♋51'57	18°05'54
	-2291 Aug 29 j 15:32	0°♌	
morning set	-2291 Sep 11 j 13:42	20°♌58'58	
	-2291 Sep 16 j 23:07	0°♍	
superior conj	-2291 Sep 25 j 06:46	13°♍34'53	0°31'54
minimum elong	-2291 Sep 25 j 10:26	13°♍49'36	0°31'26
max. Earth dist.	-2291 Sep 29 j 13:13	20°♍23'41	1.44541 AU
desc. node	-2291 Sep 30 j 06:27	21°♍31'55	
	-2291 Oct 05 j 15:47	0°♎	
evening rise	-2291 Oct 11 j 20:11	9°♎36'27	
	-2291 Oct 25 j 04:48	0°♏	
greatest brilliancy	-2291 Oct 30 j 11:02	7°♏37'38	-0.6m
evening max el	-2291 Nov 06 j 16:59	16°♏40'35	19°58'43
retrograde	-2291 Nov 14 j 07:25	21°♏07'24	
asc. node	-2291 Nov 15 j 23:23	20°♏51'25	
evening set	-2291 Nov 17 j 20:22	19°♏54'21	
inferior conj	-2291 Nov 23 j 09:28	13°♏50'25	2°21'26
minimum elong	-2291 Nov 23 j 06:43	13°♏59'34	2°20'29
min. Earth dist.	-2291 Nov 24 j 07:14	12°♏38'07	0.66636 AU
morning rise	-2291 Nov 28 j 16:27	7°♏35'33	
direct	-2291 Dec 04 j 12:55	5°♏01'48	
morning max el	-2291 Dec 16 j 09:52	12°♏04'46	25°15'13
desc. node	-2291 Dec 27 j 05:52	25°♏01'42	
	-2291 Dec 30 j 20:27	0°♐	
	-2290 Jan 18 j 20:31	0°♑	
morning set	-2290 Jan 21 j 14:42	4°♑53'11	
max. Earth dist.	-2290 Jan 25 j 09:01	11°♑47'25	1.36651 AU
superior conj	-2290 Jan 31 j 10:42	23°♑29'16	-1°-37'-47
minimum elong	-2290 Jan 31 j 14:06	23°♑46'06	1°37'30
	-2290 Feb 03 j 16:51	0°♒	
evening rise	-2290 Feb 08 j 16:33	10°♒05'49	
asc. node	-2290 Feb 11 j 22:42	16°♒33'42	
	-2290 Feb 19 j 13:28	0°♓	
evening max el	-2290 Feb 26 j 01:20	8°♓07'36	19°39'42
retrograde	-2290 Mar 07 j 15:44	12°♓42'15	
evening set	-2290 Mar 09 j 21:32	12°♓28'25	
inferior conj	-2290 Mar 18 j 10:56	8°♓24'41	1°49'03
minimum elong	-2290 Mar 18 j 15:04	8°♓18'08	1°47'45
min. Earth dist.	-2290 Mar 20 j 22:46	6°♓50'29	0.56020 AU
desc. node	-2290 Mar 25 j 04:58	4°♓31'54	
morning rise	-2290 Mar 27 j 05:13	3°♓45'41	
direct	-2290 Mar 31 j 13:57	3°♓03'06	
morning max el	-2290 Apr 14 j 13:34	10°♓05'05	24°29'28
	-2290 Apr 29 j 10:23	0°♈	
morning set	-2290 May 09 j 20:02	19°♈56'35	
asc. node	-2290 May 10 j 22:06	22°♈14'16	
	-2290 May 14 j 12:39	0°♉	
superior conj	-2290 May 16 j 21:43	5°♉09'33	0°59'08
minimum elong	-2290 May 16 j 19:27	4°♉57'15	0°58'45
max. Earth dist.	-2290 May 18 j 11:34	8°♉33'50	1.33178 AU
evening rise	-2290 May 24 j 06:14	20°♉40'35	
	-2290 May 29 j 00:16	0°♊	
	-2290 Jun 16 j 14:51	0°♋	
desc. node	-2290 Jun 21 j 04:05	5°♋40'19	
evening max el	-2290 Jun 26 j 02:13	10°♋54'14	27°24'29
retrograde	-2290 Jul 09 j 20:05	18°♋15'19	
evening set	-2290 Jul 17 j 00:26	15°♋41'09	
min. Earth dist.	-2290 Jul 20 j 14:32	12°♋39'12	0.63015 AU
inferior conj	-2290 Jul 23 j 09:31	9°♋54'09	-3°-56'-3
minimum elong	-2290 Jul 23 j 13:29	9°♋44'21	3°55'14
morning rise	-2290 Jul 30 j 04:43	4°♋41'47	
direct	-2290 Aug 01 j 17:35	4°♋11'31	
asc. node	-2290 Aug 06 j 21:18	6°♋17'28	
morning max el	-2290 Aug 08 j 08:29	7°♋36'01	17°55'02
	-2290 Aug 23 j 00:28	0°♌	
morning set	-2290 Aug 24 j 19:59	3°♌12'06	
superior conj	-2290 Sep 05 j 14:13	23°♌31'48	1°10'26
minimum elong	-2290 Sep 05 j 19:41	23°♌54'42	1°09'51
	-2290 Sep 09 j 11:55	0°♍	
max. Earth dist.	-2290 Sep 12 j 04:42	4°♍23'32	1.43483 AU
desc. node	-2290 Sep 17 j 03:27	12°♍17'16	
evening rise	-2290 Sep 21 j 01:30	18°♍24'51	
	-2290 Sep 28 j 15:27	0°♎	
greatest brilliancy	-2290 Oct 15 j 06:49	23°♎46'09	-0.5m
evening max el	-2290 Oct 20 j 17:06	0°♏07'51	21°04'35
	-2290 Oct 20 j 14:03	0°♏	
retrograde	-2290 Oct 29 j 04:36	5°♏09'27	
evening set	-2290 Nov 02 j 03:54	3°♏40'09	
asc. node	-2290 Nov 02 j 20:25	3°♏06'19	
	-2290 Nov 05 j 16:13	30°℞♎	
inferior conj	-2290 Nov 07 j 14:08	27°♎26'24	1°34'43
minimum elong	-2290 Nov 07 j 12:06	27°♎33'23	1°33'54
min. Earth dist.	-2290 Nov 08 j 00:14	26°♎51'48	0.67229 AU
morning rise	-2290 Nov 12 j 19:57	21°♎10'04	
direct	-2290 Nov 18 j 00:59	18°♎56'18	
morning max el	-2290 Nov 28 j 18:38	25°♎20'17	23°50'18
	-2290 Dec 03 j 00:11	0°♏	
desc. node	-2290 Dec 14 j 02:53	14°♏38'42	
	-2290 Dec 24 j 09:19	0°♐	
morning set	-2289 Jan 03 j 04:47	16°♐02'03	
max. Earth dist.	-2289 Jan 07 j 05:01	23°♐00'22	1.38658 AU
	-2289 Jan 11 j 02:05	0°♑	
superior conj	-2289 Jan 14 j 12:31	6°♑23'56	-1°-52'-27
minimum elong	-2289 Jan 14 j 14:58	6°♑35'28	1°52'24
evening rise	-2289 Jan 23 j 13:27	23°♑54'21	
	-2289 Jan 26 j 17:05	0°♒	
asc. node	-2289 Jan 29 j 19:43	5°♒46'32	
evening max el	-2289 Feb 08 j 23:42	20°♒22'21	18°49'02
retrograde	-2289 Feb 17 j 03:45	24°♒19'08	
evening set	-2289 Feb 19 j 12:36	24°♒00'32	
inferior conj	-2289 Feb 27 j 08:17	19°♒39'45	3°06'09
minimum elong	-2289 Feb 27 j 12:43	19°♒31'37	3°05'10
min. Earth dist.	-2289 Mar 02 j 14:56	17°♒16'36	0.57593 AU
morning rise	-2289 Mar 07 j 08:55	14°♒29'56	
desc. node	-2289 Mar 12 j 02:02	13°♒16'59	
direct	-2289 Mar 12 j 21:59	13°♒15'17	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning max el	-2289 Mar 27 j 05:05	20°♒42'26	26°00'32
	-2289 Apr 04 j 05:22	0°♓	
	-2289 Apr 21 j 22:15	0°♈	
morning set	-2289 Apr 24 j 07:43	4°♈56'26	
asc. node	-2289 Apr 27 j 19:07	12°♈21'59	
superior conj	-2289 May 01 j 08:47	20°♈09'27	0°36'47
minimum elong	-2289 May 01 j 07:14	20°♈00'57	0°36'29
max. Earth dist.	-2289 May 01 j 22:45	21°♈25'46	1.32651 AU
	-2289 May 05 j 21:46	0°♉	
evening rise	-2289 May 08 j 11:04	5°♉22'30	
	-2289 May 21 j 16:08	0°♊	
desc. node	-2289 Jun 08 j 01:08	23°♊00'37	
evening max el	-2289 Jun 08 j 07:27	23°♊15'47	27°00'20
	-2289 Jun 18 j 13:27	0°♋	
retrograde	-2289 Jun 22 j 06:21	0°♋35'11	
	-2289 Jun 25 j 20:55	30°℞♊	
evening set	-2289 Jun 29 j 04:29	28°♊26'09	
min. Earth dist.	-2289 Jul 02 j 21:06	25°♊43'43	0.61095 AU
inferior conj	-2289 Jul 06 j 02:51	22°♊55'12	-4°-23'-18
minimum elong	-2289 Jul 06 j 05:14	22°♊50'00	4°23'03
morning rise	-2289 Jul 13 j 08:57	18°♊04'27	
direct	-2289 Jul 15 j 20:24	17°♊39'35	
morning max el	-2289 Jul 22 j 21:47	21°♊08'42	18°02'53
asc. node	-2289 Jul 24 j 18:22	23°♊08'37	
	-2289 Jul 29 j 15:20	0°♋	
morning set	-2289 Aug 07 j 20:13	16°♋16'49	
	-2289 Aug 15 j 07:58	0°♌	
superior conj	-2289 Aug 18 j 01:07	4°♌50'10	1°35'03
minimum elong	-2289 Aug 18 j 05:03	5°♌07'31	1°34'47
max. Earth dist.	-2289 Aug 25 j 14:29	17°♌47'42	1.41888 AU
evening rise	-2289 Aug 31 j 15:18	27°♌38'07	
	-2289 Sep 02 j 03:01	0°♍	
desc. node	-2289 Sep 04 j 00:28	2°♍58'37	
	-2289 Sep 22 j 09:19	0°♎	
greatest brilliancy	-2289 Sep 28 j 17:27	8°♎14'11	-0.3m
evening max el	-2289 Oct 03 j 11:10	13°♎34'16	22°20'20
retrograde	-2289 Oct 13 j 00:05	19°♎14'39	
evening set	-2289 Oct 17 j 11:46	17°♎27'13	
asc. node	-2289 Oct 20 j 17:29	13°♎59'58	
inferior conj	-2289 Oct 22 j 20:42	11°♎07'18	0°43'49
minimum elong	-2289 Oct 22 j 19:41	11°♎10'47	0°43'23
min. Earth dist.	-2289 Oct 22 j 20:12	11°♎09'00	0.67498 AU
morning rise	-2289 Oct 28 j 03:29	4°♎52'02	
direct	-2289 Nov 01 j 17:20	3°♎00'24	
morning max el	-2289 Nov 11 j 06:03	8°♎39'52	22°23'34
greatest brilliancy	-2289 Nov 15 j 22:12	13°♎55'25	-0.3m
	-2289 Nov 27 j 19:22	0°♏	
desc. node	-2289 Nov 30 j 23:54	4°♏40'20	
morning set	-2289 Dec 14 j 14:33	25°♏47'08	
	-2289 Dec 17 j 04:19	0°♐	
max. Earth dist.	-2289 Dec 20 j 02:06	4°♐51'28	1.40743 AU
superior conj	-2289 Dec 27 j 20:45	18°♐23'42	-1°-58'-1
minimum elong	-2289 Dec 27 j 20:36	18°♐23'00	1°58'05
	-2288 Jan 03 j 04:49	0°♑	
evening rise	-2288 Jan 07 j 00:16	7°♑08'30	
asc. node	-2288 Jan 16 j 16:44	24°♑28'47	
	-2288 Jan 20 j 12:05	0°♒	
evening max el	-2288 Jan 23 j 05:43	3°♒05'52	18°18'33
retrograde	-2288 Jan 30 j 10:15	6°♒40'21	
evening set	-2288 Feb 01 j 22:40	6°♒15'05	
inferior conj	-2288 Feb 09 j 02:24	1°♒33'19	3°46'54
minimum elong	-2288 Feb 09 j 04:38	1°♒28'33	3°46'38
	-2288 Feb 10 j 21:50	30°℞♑	
min. Earth dist.	-2288 Feb 12 j 11:34	28°♑41'14	0.59564 AU
morning rise	-2288 Feb 16 j 07:14	25°♑59'50	
direct	-2288 Feb 22 j 18:51	24°♑06'20	
desc. node	-2288 Feb 26 j 23:05	24°♑51'06	
	-2288 Mar 06 j 03:11	0°♒	
morning max el	-2288 Mar 08 j 01:22	1°♒47'08	27°07'54
	-2288 Mar 28 j 09:38	0°♓	
morning set	-2288 Apr 07 j 17:17	19°♓49'05	
	-2288 Apr 12 j 11:50	0°♈	
asc. node	-2288 Apr 13 j 16:10	2°♈34'30	
superior conj	-2288 Apr 14 j 20:34	5°♈09'58	0°12'27
minimum elong	-2288 Apr 14 j 20:01	5°♈06'55	0°12'21
behind sun begin	-2288 Apr 14 j 16:52	4°♈49'43	
behind sun end	-2288 Apr 14 j 23:09	5°♈24'07	
max. Earth dist.	-2288 Apr 14 j 11:57	4°♈22'46	1.32468 AU
evening rise	-2288 Apr 21 j 20:10	20°♈15'59	
	-2288 Apr 26 j 15:24	0°♉	
	-2288 May 15 j 16:19	0°♊	
evening max el	-2288 May 20 j 06:29	4°♊54'49	26°04'23
desc. node	-2288 May 24 j 22:10	8°♊45'44	
retrograde	-2288 Jun 03 j 08:24	12°♊10'30	
evening set	-2288 Jun 09 j 11:47	10°♊38'02	
min. Earth dist.	-2288 Jun 13 j 19:13	7°♊57'44	0.59042 AU
inferior conj	-2288 Jun 17 j 03:42	5°♊26'09	-4°-29'-11
minimum elong	-2288 Jun 17 j 02:49	5°♊27'50	4°29'08
morning rise	-2288 Jun 24 j 21:35	0°♊57'50	
direct	-2288 Jun 27 j 09:03	0°♊36'59	
morning max el	-2288 Jul 05 j 06:18	4°♊22'16	18°30'25
asc. node	-2288 Jul 10 j 15:28	10°♊58'21	
morning set	-2288 Jul 21 j 09:37	0°♋01'13	
	-2288 Jul 21 j 09:22	0°♋	
superior conj	-2288 Jul 30 j 11:13	17°♋18'30	1°46'40
minimum elong	-2288 Jul 30 j 12:40	17°♋25'15	1°46'41
	-2288 Aug 06 j 12:13	0°♌	
max. Earth dist.	-2288 Aug 06 j 18:35	0°♌27'46	1.39983 AU
evening rise	-2288 Aug 11 j 03:50	7°♌56'34	
desc. node	-2288 Aug 20 j 21:29	23°♌32'27	
	-2288 Aug 25 j 04:15	0°♍	
evening max el	-2288 Sep 15 j 00:40	27°♍02'44	23°40'44
	-2288 Sep 18 j 06:50	0°♎	
retrograde	-2288 Sep 25 j 16:33	3°♎20'22	
evening set	-2288 Sep 30 j 18:18	1°♎14'01	
	-2288 Oct 02 j 01:29	30°℞♍	
min. Earth dist.	-2288 Oct 05 j 16:42	25°♍28'20	0.67463 AU
inferior conj	-2288 Oct 06 j 03:23	24°♍51'48	0°-9'-37
minimum elong	-2288 Oct 06 j 03:37	24°♍51'02	0°09'32
transit middle	-2288 Oct 06 j 03:37	24°♍51'02	0°09'32
transit begin	-2288 Oct 06 j 01:25	24°♍58'33	
transit end	-2288 Oct 06 j 05:49	24°♍43'31	
asc. node	-2288 Oct 06 j 14:34	24°♍13'43	
morning rise	-2288 Oct 11 j 13:03	18°♍40'29	
direct	-2288 Oct 15 j 13:08	17°♍10'14	
morning max el	-2288 Oct 23 j 23:14	22°♍06'42	21°02'53
greatest brilliancy	-2288 Oct 29 j 13:32	28°♍38'50	-0.5m
	-2288 Oct 30 j 14:29	0°♎	
desc. node	-2288 Nov 16 j 20:56	24°♎59'36	
	-2288 Nov 20 j 03:11	0°♏	
morning set	-2288 Nov 22 j 21:46	4°♏18'48	
max. Earth dist.	-2288 Dec 01 j 05:40	17°♏36'20	1.42622 AU
superior conj	-2288 Dec 08 j 05:49	29°♏15'37	-1°-50'-23
minimum elong	-2288 Dec 08 j 01:35	28°♏57'39	1°50'13
	-2288 Dec 08 j 16:16	0°♐	
evening rise	-2288 Dec 19 j 21:12	19°♐40'19	
	-2288 Dec 25 j 16:24	0°♑	
asc. node	-2287 Jan 02 j 13:47	12°♑31'02	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening max el	-2287 Jan 05 j 16:32	16°♑10'05	18°07'54
retrograde	-2287 Jan 12 j 08:17	19°♑36'37	
evening set	-2287 Jan 15 j 00:13	19°♑03'29	
inferior conj	-2287 Jan 21 j 14:57	14°♑00'03	3°57'52
minimum elong	-2287 Jan 21 j 14:41	14°♑00'43	3°57'48
min. Earth dist.	-2287 Jan 24 j 15:19	11°♑03'42	0.61606 AU
morning rise	-2287 Jan 28 j 02:44	8°♑10'52	
direct	-2287 Feb 04 j 02:07	5°♑44'06	
desc. node	-2287 Feb 12 j 20:10	9°♑00'37	
morning max el	-2287 Feb 18 j 03:44	13°♑30'53	27°41'33
	-2287 Mar 03 j 09:33	0°♒	
	-2287 Mar 20 j 17:52	0°♓	
morning set	-2287 Mar 22 j 22:45	4°♓26'28	
max. Earth dist.	-2287 Mar 28 j 23:20	17°♓10'19	1.32646 AU
superior conj	-2287 Mar 30 j 07:21	20°♓04'09	0°-13'-4
minimum elong	-2287 Mar 30 j 07:57	20°♓07'25	0°12'57
behind sun begin	-2287 Mar 30 j 05:00	19°♓51'22	
behind sun end	-2287 Mar 30 j 10:54	20°♓23'29	
asc. node	-2287 Mar 31 j 13:12	22°♓46'49	
	-2287 Apr 03 j 20:54	0°♈	
evening rise	-2287 Apr 06 j 07:28	5°♈12'45	
	-2287 Apr 19 j 13:49	0°♉	
evening max el	-2287 May 01 j 23:47	15°♉54'43	24°43'15
desc. node	-2287 May 11 j 19:15	22°♉19'08	
retrograde	-2287 May 15 j 23:27	22°♉59'20	
evening set	-2287 May 20 j 20:51	22°♉05'03	
min. Earth dist.	-2287 May 26 j 11:44	19°♉10'25	0.57138 AU
inferior conj	-2287 May 29 j 08:58	17°♉17'11	-4°-2'-40
minimum elong	-2287 May 29 j 04:06	17°♉25'12	4°01'52
morning rise	-2287 Jun 06 j 15:21	13°♉08'48	
direct	-2287 Jun 09 j 03:48	12°♉50'51	
morning max el	-2287 Jun 18 j 06:59	17°♉05'56	19°18'32
asc. node	-2287 Jun 27 j 12:33	29°♉32'30	
	-2287 Jun 27 j 18:58	0°♊	
morning set	-2287 Jul 05 j 08:21	14°♊14'57	
	-2287 Jul 13 j 06:32	0°♋	
superior conj	-2287 Jul 13 j 14:42	0°♋39'54	1°47'51
minimum elong	-2287 Jul 13 j 14:04	0°♋36'45	1°47'54
max. Earth dist.	-2287 Jul 19 j 20:52	12°♋30'52	1.38018 AU
evening rise	-2287 Jul 23 j 17:58	19°♋29'16	
	-2287 Jul 29 j 22:10	0°♌	
desc. node	-2287 Aug 07 j 18:30	13°♌53'52	
	-2287 Aug 19 j 07:24	0°♍	
evening max el	-2287 Aug 28 j 12:04	10°♍35'04	24°59'02
retrograde	-2287 Sep 09 j 04:55	17°♍22'59	
evening set	-2287 Sep 14 j 21:41	14°♍58'35	
min. Earth dist.	-2287 Sep 19 j 11:12	9°♍48'09	0.67119 AU
inferior conj	-2287 Sep 20 j 08:29	8°♍37'57	-1°-4'-2
minimum elong	-2287 Sep 20 j 10:02	8°♍32'50	1°03'23
asc. node	-2287 Sep 23 j 11:40	4°♍45'44	
morning rise	-2287 Sep 25 j 22:47	2°♍33'46	
direct	-2287 Sep 29 j 11:02	1°♍22'29	
morning max el	-2287 Oct 06 j 23:48	5°♍42'51	19°53'38
greatest brilliancy	-2287 Oct 14 j 15:45	15°♍14'56	-0.6m
	-2287 Oct 24 j 15:49	0°♎	
morning set	-2287 Nov 01 j 19:10	12°♎29'54	
desc. node	-2287 Nov 03 j 17:57	15°♎31'16	
	-2287 Nov 12 j 23:13	0°♏	
max. Earth dist.	-2287 Nov 13 j 16:58	1°♏10'36	1.44036 AU
superior conj	-2287 Nov 18 j 11:44	8°♏51'40	-1°-25'-54
minimum elong	-2287 Nov 18 j 04:17	8°♏21'29	1°25'15
	-2287 Dec 01 j 04:46	0°♐	
evening rise	-2287 Dec 01 j 23:53	1°♐21'25	
evening max el	-2287 Dec 20 j 05:10	29°♐27'12	18°16'23
asc. node	-2287 Dec 20 j 10:51	29°♐41'23	
	-2287 Dec 20 j 18:34	0°♑	
retrograde	-2287 Dec 26 j 17:36	2°♑58'18	
evening set	-2287 Dec 29 j 13:29	2°♑16'12	
	-2286 Jan 01 j 17:16	30°℞♐	
inferior conj	-2286 Jan 04 j 18:06	26°♐52'12	3°47'18
minimum elong	-2286 Jan 04 j 16:04	26°♐57'48	3°47'00
min. Earth dist.	-2286 Jan 07 j 04:18	24°♐12'34	0.63459 AU
morning rise	-2286 Jan 10 j 17:03	20°♐52'17	
direct	-2286 Jan 17 j 17:19	18°♐06'04	
desc. node	-2286 Jan 30 j 17:13	25°♐09'45	
morning max el	-2286 Jan 31 j 10:55	25°♐52'52	27°38'40
	-2286 Feb 04 j 07:06	0°♑	
	-2286 Feb 24 j 21:14	0°♒	
morning set	-2286 Mar 06 j 21:42	18°♒40'38	
max. Earth dist.	-2286 Mar 12 j 05:08	29°♒35'49	1.33213 AU
	-2286 Mar 12 j 09:42	0°♓	
superior conj	-2286 Mar 14 j 15:24	4°♓46'00	0°-38'-51
minimum elong	-2286 Mar 14 j 17:11	4°♓55'34	0°38'32
asc. node	-2286 Mar 18 j 10:14	12°♓54'59	
evening rise	-2286 Mar 21 j 19:10	20°♓06'25	
	-2286 Mar 26 j 16:05	0°♈	
evening max el	-2286 Apr 13 j 15:21	26°♈34'30	23°09'24
	-2286 Apr 17 j 19:02	0°♉	
retrograde	-2286 Apr 27 j 01:28	3°♉13'21	
desc. node	-2286 Apr 28 j 16:18	3°♉07'32	
evening set	-2286 Apr 30 j 14:10	2°♉46'08	
	-2286 May 07 j 00:57	30°℞♈	
min. Earth dist.	-2286 May 08 j 01:30	29°♈25'04	0.55724 AU
inferior conj	-2286 May 09 j 18:36	28°♈25'01	-2°-54'-20
minimum elong	-2286 May 09 j 12:08	28°♈34'29	2°52'32
morning rise	-2286 May 18 j 13:10	24°♈28'47	
direct	-2286 May 21 j 04:09	24°♈12'09	
morning max el	-2286 May 31 j 21:25	29°♈10'50	20°27'13
	-2286 Jun 01 j 17:49	0°♉	
asc. node	-2286 Jun 14 j 09:36	18°♉40'14	
morning set	-2286 Jun 19 j 13:30	28°♉50'13	
	-2286 Jun 20 j 03:11	0°♊	
superior conj	-2286 Jun 27 j 06:39	14°♊40'22	1°41'02
minimum elong	-2286 Jun 27 j 04:41	14°♊30'21	1°40'57
max. Earth dist.	-2286 Jul 02 j 03:16	24°♊19'20	1.36219 AU
	-2286 Jul 05 j 02:43	0°♋	
evening rise	-2286 Jul 06 j 06:01	2°♋07'02	
	-2286 Jul 22 j 23:03	0°♌	
desc. node	-2286 Jul 25 j 15:32	3°♌56'42	
evening max el	-2286 Aug 10 j 23:18	24°♌09'00	26°07'21
	-2286 Aug 18 j 15:40	0°♍	
retrograde	-2286 Aug 23 j 12:29	1°♍17'19	
	-2286 Aug 27 j 22:58	30°℞♌	
evening set	-2286 Aug 29 j 19:57	28°♌38'25	
min. Earth dist.	-2286 Sep 03 j 01:12	24°♌05'43	0.66444 AU
inferior conj	-2286 Sep 04 j 10:06	22°♌22'57	-1°-57'-44
minimum elong	-2286 Sep 04 j 12:55	22°♌14'09	1°56'38
morning rise	-2286 Sep 10 j 06:42	16°♌29'12	
asc. node	-2286 Sep 10 j 08:46	16°♌26'12	
direct	-2286 Sep 13 j 09:20	15°♌33'42	
morning max el	-2286 Sep 20 j 07:20	19°♌27'05	18°58'53
	-2286 Sep 28 j 10:52	0°♍	
morning set	-2286 Oct 12 j 06:45	21°♍28'28	
	-2286 Oct 17 j 16:38	0°♎	
desc. node	-2286 Oct 21 j 14:57	6°♎10'46	
max. Earth dist.	-2286 Oct 27 j 09:46	15°♎16'53	1.44806 AU
superior conj	-2286 Oct 28 j 18:09	17°♎24'35	0°-44'-49
minimum elong	-2286 Oct 28 j 12:31	17°♎02'21	0°44'08

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2286 Nov 05 j 16:27	0°♏	
evening rise	-2286 Nov 13 j 03:58	12°♏03'24	
	-2286 Nov 24 j 06:55	0°♐	
evening max el	-2286 Dec 03 j 16:52	12°♐50'20	18°43'04
asc. node	-2286 Dec 07 j 07:55	15°♐44'46	
retrograde	-2286 Dec 10 j 10:03	16°♐36'32	
evening set	-2286 Dec 13 j 11:03	15°♐44'03	
inferior conj	-2286 Dec 19 j 08:03	10°♐01'58	3°21'45
minimum elong	-2286 Dec 19 j 05:10	10°♐10'39	3°21'05
min. Earth dist.	-2286 Dec 21 j 03:07	7°♐52'05	0.64981 AU
morning rise	-2286 Dec 24 j 22:11	3°♐54'10	
direct	-2286 Dec 31 j 15:07	1°♐03'37	
morning max el	-2285 Jan 13 j 20:28	8°♐43'13	27°02'21
desc. node	-2285 Jan 17 j 14:15	12°♐44'16	
	-2285 Jan 30 j 12:53	0°♑	
	-2285 Feb 17 j 05:33	0°♒	
morning set	-2285 Feb 18 j 11:00	2°♒21'00	
max. Earth dist.	-2285 Feb 23 j 01:34	11°♒28'31	1.34199 AU
superior conj	-2285 Feb 26 j 18:41	19°♒08'23	-1°-3'-50
minimum elong	-2285 Feb 26 j 21:29	19°♒23'05	1°03'24
	-2285 Mar 03 j 22:09	0°♓	
asc. node	-2285 Mar 05 j 07:16	2°♓54'18	
evening rise	-2285 Mar 06 j 05:25	4°♓49'59	
	-2285 Mar 20 j 05:52	0°♈	
evening max el	-2285 Mar 26 j 11:37	7°♈22'17	21°37'18
retrograde	-2285 Apr 07 j 17:12	13°♈17'57	
evening set	-2285 Apr 10 j 06:46	13°♈03'05	
desc. node	-2285 Apr 15 j 13:20	11°♈12'00	
inferior conj	-2285 Apr 19 j 15:08	9°♈01'07	-1°-8'-25
minimum elong	-2285 Apr 19 j 11:56	9°♈05'36	1°07'19
min. Earth dist.	-2285 Apr 19 j 14:50	9°♈01'32	0.55099 AU
morning rise	-2285 Apr 28 j 17:45	5°♈01'32	
direct	-2285 May 01 j 16:20	4°♈42'32	
morning max el	-2285 May 14 j 01:01	10°♈33'52	21°54'03
	-2285 May 27 j 23:31	0°♉	
asc. node	-2285 Jun 01 j 06:39	8°♉13'09	
morning set	-2285 Jun 03 j 22:50	13°♉40'28	
superior conj	-2285 Jun 11 j 07:17	29°♉08'45	1°28'10
minimum elong	-2285 Jun 11 j 04:44	28°♉55'23	1°27'55
	-2285 Jun 11 j 17:05	0°♊	
max. Earth dist.	-2285 Jun 14 j 18:12	6°♊17'23	1.34735 AU
evening rise	-2285 Jun 19 j 10:47	15°♊35'56	
	-2285 Jun 27 j 07:33	0°♋	
desc. node	-2285 Jul 12 j 12:33	23°♋32'51	
	-2285 Jul 17 j 12:23	0°♌	
evening max el	-2285 Jul 24 j 10:50	7°♌37'51	26°57'52
retrograde	-2285 Aug 06 j 14:59	14°♌57'08	
evening set	-2285 Aug 13 j 10:48	12°♌10'49	
min. Earth dist.	-2285 Aug 17 j 08:25	8°♌16'32	0.65405 AU
inferior conj	-2285 Aug 19 j 06:14	6°♌03'52	-2°-48'-38
minimum elong	-2285 Aug 19 j 10:03	5°♌52'50	2°47'22
morning rise	-2285 Aug 25 j 10:36	0°♌23'48	
	-2285 Aug 26 j 08:55	30°℞♋	
direct	-2285 Aug 28 j 05:57	29°♋40'36	
asc. node	-2285 Aug 28 j 05:49	29°♋40'36	
	-2285 Aug 30 j 03:24	0°♌	
morning max el	-2285 Sep 03 j 19:57	3°♌16'15	18°20'22
	-2285 Sep 21 j 19:07	0°♍	
morning set	-2285 Sep 22 j 21:24	1°♍47'44	
superior conj	-2285 Oct 07 j 18:38	25°♍46'46	0°04'41
minimum elong	-2285 Oct 07 j 19:14	25°♍49'09	0°04'36
behind sun begin	-2285 Oct 07 j 08:28	25°♍06'31	
behind sun end	-2285 Oct 08 j 06:00	26°♍31'44	
desc. node	-2285 Oct 08 j 11:58	26°♍55'18	
max. Earth dist.	-2285 Oct 10 j 04:21	29°♍34'39	1.44847 AU
	-2285 Oct 10 j 10:47	0°♎	
evening rise	-2285 Oct 24 j 07:47	21°♎45'06	
	-2285 Oct 29 j 14:25	0°♏	
greatest brilliancy	-2285 Nov 07 j 23:58	14°♏24'33	-0.7m
evening max el	-2285 Nov 17 j 01:19	26°♏16'20	19°26'39
	-2285 Nov 22 j 01:34	0°♐	
retrograde	-2285 Nov 24 j 06:19	0°♐26'31	
asc. node	-2285 Nov 24 j 04:57	0°♐26'30	
	-2285 Nov 26 j 09:30	30°℞♏	
evening set	-2285 Nov 27 j 14:14	29°♏21'43	
inferior conj	-2285 Dec 03 j 05:41	23°♏24'39	2°45'43
minimum elong	-2285 Dec 03 j 02:43	23°♏34'15	2°44'48
min. Earth dist.	-2285 Dec 04 j 10:46	21°♏50'41	0.66136 AU
morning rise	-2285 Dec 08 j 14:25	17°♏11'28	
direct	-2285 Dec 14 j 19:05	14°♏28'56	
morning max el	-2285 Dec 27 j 05:59	21°♏49'53	25°59'35
	-2284 Jan 03 j 10:13	0°♐	
desc. node	-2284 Jan 04 j 11:18	1°♐19'25	
	-2284 Jan 23 j 18:27	0°♑	
morning set	-2284 Feb 01 j 10:28	15°♑15'01	
max. Earth dist.	-2284 Feb 05 j 10:06	22°♑46'53	1.35630 AU
	-2284 Feb 09 j 02:11	0°♒	
superior conj	-2284 Feb 10 j 14:43	3°♒03'53	-1°-26'-32
minimum elong	-2284 Feb 10 j 18:07	3°♒21'09	1°26'09
evening rise	-2284 Feb 18 j 12:16	19°♒17'07	
asc. node	-2284 Feb 20 j 04:16	22°♒40'00	
	-2284 Feb 23 j 22:28	0°♓	
evening max el	-2284 Mar 07 j 17:39	18°♓40'19	20°17'38
retrograde	-2284 Mar 18 j 07:49	23°♓43'31	
evening set	-2284 Mar 20 j 13:07	23°♓31'07	
inferior conj	-2284 Mar 29 j 11:50	19°♓32'39	0°49'07
minimum elong	-2284 Mar 29 j 13:59	19°♓29'26	0°48'22
min. Earth dist.	-2284 Mar 31 j 04:58	18°♓31'45	0.55417 AU
desc. node	-2284 Apr 01 j 10:23	17°♓49'29	
morning rise	-2284 Apr 07 j 12:29	15°♓10'50	
direct	-2284 Apr 11 j 05:34	14°♓40'44	
morning max el	-2284 Apr 24 j 19:47	21°♓21'46	23°32'18
	-2284 May 02 j 06:02	0°♈	
morning set	-2284 May 18 j 10:22	28°♈38'59	
asc. node	-2284 May 18 j 03:40	28°♈03'55	
	-2284 May 19 j 01:47	0°♉	
superior conj	-2284 May 25 j 13:39	13°♉55'14	1°10'46
minimum elong	-2284 May 25 j 11:08	13°♉41'45	1°10'24
max. Earth dist.	-2284 May 27 j 18:38	18°♉37'30	1.33632 AU
evening rise	-2284 Jun 02 j 03:37	29°♉41'59	
	-2284 Jun 02 j 07:14	0°♊	
	-2284 Jun 19 j 09:14	0°♋	
desc. node	-2284 Jun 28 j 09:35	12°♋30'09	
evening max el	-2284 Jul 05 j 21:41	20°♋50'14	27°23'25
retrograde	-2284 Jul 19 j 11:58	28°♋12'47	
evening set	-2284 Jul 26 j 15:12	25°♋30'14	
min. Earth dist.	-2284 Jul 30 j 06:54	22°♋11'17	0.63987 AU
inferior conj	-2284 Aug 01 j 18:22	19°♋34'50	-3°-34'00
minimum elong	-2284 Aug 01 j 22:34	19°♋23'46	3°32'56
morning rise	-2284 Aug 08 j 07:51	14°♋11'33	
direct	-2284 Aug 10 j 22:17	13°♋37'28	
asc. node	-2284 Aug 14 j 02:52	14°♋28'52	
morning max el	-2284 Aug 17 j 10:59	17°♋03'51	17°59'03
	-2284 Aug 26 j 17:36	0°♌	
morning set	-2284 Sep 03 j 14:41	13°♌23'16	
	-2284 Sep 13 j 10:21	0°♍	
superior conj	-2284 Sep 16 j 11:02	4°♍58'51	0°49'51
minimum elong	-2284 Sep 16 j 16:01	5°♍19'11	0°49'14

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

max. Earth dist.	-2284 Sep 21 j 21:09	13°♍43'39	1.44166 AU	
desc. node	-2284 Sep 24 j 08:59	17°♍41'10		
	-2284 Oct 02 j 06:16	0°♎		
evening rise	-2284 Oct 02 j 16:54	0°♎41'04		
	-2284 Oct 22 j 08:48	0°♏		
greatest brilliancy	-2284 Oct 23 j 20:32	2°♏01'56	-0.5m	
evening max el	-2284 Oct 30 j 04:47	9°♏43'15	20°25'16	
retrograde	-2284 Nov 07 j 03:45	14°♏24'38		
asc. node	-2284 Nov 10 j 01:58	13°♏35'18		
evening set	-2284 Nov 10 j 20:44	13°♏05'08		
inferior conj	-2284 Nov 16 j 08:26	6°♏56'35	2°02'16	
minimum elong	-2284 Nov 16 j 05:56	7°♏05'01	2°01'20	
min. Earth dist.	-2284 Nov 17 j 01:08	6°♏00'10	0.66928 AU	
morning rise	-2284 Nov 21 j 14:36	0°♏40'30		
	-2284 Nov 22 j 10:19	30°℞♎		
direct	-2284 Nov 27 j 04:31	28°♎14'36		
	-2284 Dec 02 j 12:27	0°♏		
morning max el	-2284 Dec 08 j 14:30	5°♏02'54	24°39'48	
desc. node	-2284 Dec 21 j 08:21	20°♏37'40		
	-2284 Dec 27 j 21:03	0°♐		
morning set	-2283 Jan 13 j 14:35	27°♐07'19		
	-2283 Jan 15 j 05:32	0°♑		
max. Earth dist.	-2283 Jan 17 j 08:24	3°♑49'52	1.37469 AU	
superior conj	-2283 Jan 24 j 00:22	16°♑24'05	-1°-44'-54	
minimum elong	-2283 Jan 24 j 03:32	16°♑39'28	1°44'43	
	-2283 Jan 30 j 21:10	0°♒		
evening rise	-2283 Feb 01 j 13:34	3°♒21'39		
asc. node	-2283 Feb 06 j 01:17	12°♒06'45		
	-2283 Feb 17 j 20:02	0°♓		
evening max el	-2283 Feb 18 j 10:36	0°♓35'58	19°15'49	
retrograde	-2283 Feb 27 j 09:19	4°♓52'29		
evening set	-2283 Mar 01 j 16:05	4°♓37'02		
inferior conj	-2283 Mar 09 j 22:00	0°♓27'22	2°26'17	
minimum elong	-2283 Mar 10 j 02:43	0°♓19'26	2°24'59	
	-2283 Mar 10 j 14:14	30°℞♒		
min. Earth dist.	-2283 Mar 12 j 20:14	28°♒30'08	0.56609 AU	
morning rise	-2283 Mar 18 j 09:25	25°♒34'31		
desc. node	-2283 Mar 19 j 07:26	25°♒16'01		
direct	-2283 Mar 23 j 06:27	24°♒39'31		
	-2283 Apr 04 j 07:42	0°♓		
morning max el	-2283 Apr 06 j 10:39	1°♓54'53	25°10'11	
	-2283 Apr 26 j 01:44	0°♈		
morning set	-2283 May 02 j 22:29	13°♈40'09		
asc. node	-2283 May 05 j 00:42	18°♈07'03		
superior conj	-2283 May 09 j 23:35	28°♈52'27	0°49'57	
minimum elong	-2283 May 09 j 21:35	28°♈41'30	0°49'37	
	-2283 May 10 j 12:00	0°♉		
max. Earth dist.	-2283 May 11 j 02:49	1°♉20'25	1.32907 AU	
evening rise	-2283 May 17 j 04:57	14°♉14'04		
	-2283 May 25 j 09:08	0°♊		
	-2283 Jun 14 j 18:50	0°♋		
desc. node	-2283 Jun 15 j 06:35	0°♋32'16		
evening max el	-2283 Jun 18 j 05:55	3°♋34'33	27°18'19	
retrograde	-2283 Jul 02 j 02:34	10°♋55'19		
evening set	-2283 Jul 09 j 05:24	8°♋30'20		
min. Earth dist.	-2283 Jul 12 j 19:32	5°♋38'14	0.62229 AU	
inferior conj	-2283 Jul 15 j 19:36	2°♋49'31	-4°-9'-39	
minimum elong	-2283 Jul 15 j 23:05	2°♋41'18	4°09'04	
	-2283 Jul 19 j 00:34	30°℞♊		
morning rise	-2283 Jul 22 j 19:19	27°♊45'52		
direct	-2283 Jul 25 j 07:13	27°♊18'12		
	-2283 Jul 31 j 06:52	0°♋		
asc. node	-2283 Jul 31 j 23:57	0°♋39'30		
morning max el	-2283 Aug 01 j 01:42	0°♋43'48	17°55'54	
morning set	-2283 Aug 17 j 05:16	25°♋59'55		
	-2283 Aug 19 j 10:39	0°♌		
superior conj	-2283 Aug 28 j 06:20	15°♌30'30	1°22'35	
minimum elong	-2283 Aug 28 j 11:24	15°♌52'13	1°22'07	
max. Earth dist.	-2283 Sep 04 j 10:00	27°♌28'24	1.42863 AU	
	-2283 Sep 05 j 23:17	0°♍		
desc. node	-2283 Sep 11 j 05:59	8°♍25'07		
evening rise	-2283 Sep 11 j 23:28	9°♍33'38		
	-2283 Sep 25 j 11:23	0°♎		
greatest brilliancy	-2283 Oct 08 j 03:14	17°♎28'33	-0.4m	
evening max el	-2283 Oct 13 j 02:21	23°♎10'14	21°35'58	
retrograde	-2283 Oct 22 j 00:20	28°♎27'56		
evening set	-2283 Oct 26 j 04:37	26°♎51'19		
asc. node	-2283 Oct 27 j 23:02	25°♎12'12		
inferior conj	-2283 Oct 31 j 14:08	20°♎34'43	1°13'34	
minimum elong	-2283 Oct 31 j 12:31	20°♎40'20	1°12'52	
min. Earth dist.	-2283 Oct 31 j 19:43	20°♎15'28	0.67385 AU	
morning rise	-2283 Nov 05 j 20:06	14°♎18'27		
direct	-2283 Nov 10 j 18:42	12°♎13'44		
morning max el	-2283 Nov 20 j 23:47	18°♎18'55	23°12'59	
greatest brilliancy	-2283 Nov 26 j 02:55	24°♎05'08	-0.3m	
	-2283 Nov 30 j 17:52	0°♏		
desc. node	-2283 Dec 08 j 05:24	10°♏26'10		
	-2283 Dec 21 j 00:30	0°♐		
morning set	-2283 Dec 25 j 17:00	7°♐40'46		
max. Earth dist.	-2283 Dec 30 j 03:40	15°♐14'23	1.39552 AU	
superior conj	-2282 Jan 06 j 19:23	28°♐57'07	-1°-56'-10	
minimum elong	-2282 Jan 06 j 20:57	29°♐04'19	1°56'11	
	-2282 Jan 07 j 08:58	0°♑		
evening rise	-2282 Jan 16 j 06:35	16°♑56'07		
	-2282 Jan 23 j 06:49	0°♒		
asc. node	-2282 Jan 23 j 22:19	1°♒07'22		
evening max el	-2282 Feb 01 j 12:41	13°♒04'05	18°33'39	
retrograde	-2282 Feb 09 j 05:03	16°♒49'02		
evening set	-2282 Feb 11 j 15:38	16°♒27'38		
inferior conj	-2282 Feb 19 j 04:12	11°♒58'16	3°27'37	
minimum elong	-2282 Feb 19 j 07:51	11°♒51'06	3°26'57	
min. Earth dist.	-2282 Feb 22 j 13:47	9°♒19'58	0.58406 AU	
morning rise	-2282 Feb 26 j 20:21	6°♒37'40		
direct	-2282 Mar 04 j 20:25	5°♒06'28		
desc. node	-2282 Mar 06 j 04:31	5°♒10'58		
morning max el	-2282 Mar 19 j 03:31	12°♒40'02	26°32'49	
	-2282 Apr 01 j 18:12	0°♓		
morning set	-2282 Apr 17 j 09:29	28°♓37'06		
	-2282 Apr 18 j 01:16	0°♈		
asc. node	-2282 Apr 21 j 21:45	8°♈16'54		
superior conj	-2282 Apr 24 j 11:09	13°♈52'49	0°26'40	
minimum elong	-2282 Apr 24 j 10:00	13°♈46'28	0°26'27	
max. Earth dist.	-2282 Apr 24 j 15:21	14°♈15'46	1.32533 AU	
evening rise	-2282 May 01 j 11:53	29°♈01'40		
	-2282 May 01 j 23:06	0°♉		
	-2282 May 18 j 17:04	0°♊		
evening max el	-2282 May 31 j 08:55	15°♊38'56	26°40'17	
desc. node	-2282 Jun 02 j 03:37	17°♊15'52		
retrograde	-2282 Jun 14 j 09:18	22°♊56'17		
evening set	-2282 Jun 21 j 01:02	21°♊02'10		
min. Earth dist.	-2282 Jun 24 j 22:20	18°♊22'42	0.60227 AU	
inferior conj	-2282 Jun 28 j 06:23	15°♊39'03	-4°-29'-4	
minimum elong	-2282 Jun 28 j 07:34	15°♊36'36	4°28'58	
morning rise	-2282 Jul 05 j 17:21	10°♊57'29		
direct	-2282 Jul 08 j 04:44	10°♊34'22		
morning max el	-2282 Jul 15 j 13:16	14°♊08'52	18°12'04	
asc. node	-2282 Jul 18 j 21:03	17°♊57'07		
	-2282 Jul 26 j 10:00	0°♋		
morning set	-2282 Jul 31 j 11:42	9°♋23'14		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2282 Aug 10 j 03:48	27°♋20'26	1°41'25
minimum elong	-2282 Aug 10 j 06:42	27°♋33'29	1°41'18
	-2282 Aug 11 j 15:23	0°♌	
max. Earth dist.	-2282 Aug 17 j 17:42	10°♌36'12	1.41108 AU
evening rise	-2282 Aug 22 j 21:59	19°♌12'07	
desc. node	-2282 Aug 29 j 02:59	29°♌03'52	
	-2282 Aug 29 j 17:29	0°♍	
	-2282 Sep 19 j 22:01	0°♎	
greatest brilliancy	-2282 Sep 20 j 17:00	0°♎58'10	-0.3m
evening max el	-2282 Sep 25 j 18:23	6°♎38'03	22°54'22
retrograde	-2282 Oct 05 j 18:33	12°♎34'04	
evening set	-2282 Oct 10 j 12:08	10°♎38'34	
asc. node	-2282 Oct 14 j 20:08	5°♎42'38	
inferior conj	-2282 Oct 15 j 20:58	4°♎17'27	0°21'22
minimum elong	-2282 Oct 15 j 20:28	4°♎19'11	0°21'08
min. Earth dist.	-2282 Oct 15 j 16:08	4°♎34'06	0.67526 AU
	-2282 Oct 19 j 04:46	30°℞♍	
morning rise	-2282 Oct 21 j 04:47	28°♍03'43	
direct	-2282 Oct 25 j 12:39	26°♍21'18	
	-2282 Nov 01 j 18:52	0°♎	
morning max el	-2282 Nov 03 j 13:18	1°♎41'13	21°48'08
greatest brilliancy	-2282 Nov 08 j 10:44	7°♎15'32	-0.4m
	-2282 Nov 24 j 16:44	0°♏	
desc. node	-2282 Nov 25 j 02:26	0°♏36'22	
morning set	-2282 Dec 05 j 14:30	16°♏51'03	
max. Earth dist.	-2282 Dec 12 j 03:42	27°♏30'19	1.41592 AU
	-2282 Dec 13 j 15:33	0°♐	
superior conj	-2282 Dec 19 j 18:29	10°♐29'58	-1°-56'-38
minimum elong	-2282 Dec 19 j 16:43	10°♐22'11	1°56'40
evening rise	-2282 Dec 30 j 12:02	29°♐53'31	
	-2282 Dec 30 j 13:26	0°♑	
asc. node	-2281 Jan 10 j 19:22	19°♑33'50	
evening max el	-2281 Jan 15 j 21:05	25°♑57'12	18°11'32
retrograde	-2281 Jan 22 j 18:49	29°♑26'38	
evening set	-2281 Jan 25 j 08:48	28°♑58'01	
inferior conj	-2281 Feb 01 j 06:35	24°♑06'35	3°54'40
minimum elong	-2281 Feb 01 j 07:42	24°♑04'03	3°54'33
min. Earth dist.	-2281 Feb 04 j 12:50	21°♑10'07	0.60449 AU
morning rise	-2281 Feb 08 j 03:43	18°♑25'44	
direct	-2281 Feb 14 j 21:42	16°♑17'08	
desc. node	-2281 Feb 21 j 01:36	17°♑54'45	
morning max el	-2281 Mar 01 j 02:23	24°♑00'15	27°26'43
	-2281 Mar 06 j 13:03	0°♒	
	-2281 Mar 25 j 22:10	0°♓	
morning set	-2281 Apr 01 j 17:33	13°♓23'37	
max. Earth dist.	-2281 Apr 08 j 04:24	27°♓10'37	1.32504 AU
superior conj	-2281 Apr 08 j 22:41	28°♓50'35	0°01'44
minimum elong	-2281 Apr 08 j 22:37	28°♓50'11	0°01'43
behind sun begin	-2281 Apr 08 j 17:36	28°♓22'48	
behind sun end	-2281 Apr 09 j 03:37	29°♓17'35	
asc. node	-2281 Apr 08 j 18:47	28°♓29'14	
	-2281 Apr 09 j 11:22	0°♈	
evening rise	-2281 Apr 15 j 22:09	13°♈56'53	
	-2281 Apr 24 j 01:23	0°♉	
evening max el	-2281 May 13 j 05:10	26°♉59'00	25°32'13
	-2281 May 16 j 17:27	0°♊	
desc. node	-2281 May 20 j 00:40	2°♊09'14	
retrograde	-2281 May 27 j 06:37	4°♊10'54	
evening set	-2281 Jun 01 j 22:36	2°♊55'05	
min. Earth dist.	-2281 Jun 06 j 17:16	0°♊10'45	0.58194 AU
	-2281 Jun 06 j 23:33	30°℞♉	
inferior conj	-2281 Jun 09 j 23:05	27°♉53'10	-4°-22'-37
minimum elong	-2281 Jun 09 j 20:27	27°♉57'51	4°22'22
morning rise	-2281 Jun 17 j 22:14	23°♉34'05	
direct	-2281 Jun 20 j 10:14	23°♉14'28	
morning max el	-2281 Jun 28 j 18:43	27°♉10'14	18°48'27
	-2281 Jul 01 j 09:47	0°♊	
asc. node	-2281 Jul 05 j 18:08	6°♊06'46	
morning set	-2281 Jul 15 j 05:28	23°♊21'05	
	-2281 Jul 18 j 14:58	0°♋	
superior conj	-2281 Jul 23 j 21:59	10°♋13'16	1°48'18
minimum elong	-2281 Jul 23 j 22:28	10°♋15'33	1°48'21
max. Earth dist.	-2281 Jul 30 j 20:47	23°♋00'11	1.39135 AU
evening rise	-2281 Aug 03 j 21:31	0°♌01'53	
	-2281 Aug 03 j 21:05	0°♌	
desc. node	-2281 Aug 15 j 23:59	19°♌33'02	
	-2281 Aug 23 j 02:40	0°♍	
evening max el	-2281 Sep 08 j 06:36	20°♍07'44	24°14'41
retrograde	-2281 Sep 19 j 09:20	26°♍39'15	
evening set	-2281 Sep 24 j 17:33	24°♍24'40	
min. Earth dist.	-2281 Sep 29 j 11:58	18°♍53'56	0.67359 AU
inferior conj	-2281 Sep 30 j 03:10	18°♍02'38	0°-32'-42
minimum elong	-2281 Sep 30 j 03:57	18°♍00'00	0°32'22
asc. node	-2281 Oct 01 j 17:14	15°♍56'37	
morning rise	-2281 Oct 05 j 14:39	11°♍54'16	
direct	-2281 Oct 09 j 09:23	10°♍32'36	
morning max el	-2281 Oct 17 j 09:41	15°♍12'26	20°31'50
greatest brilliancy	-2281 Oct 23 j 17:15	22°♍45'22	-0.5m
	-2281 Oct 28 j 22:26	0°♎	
desc. node	-2281 Nov 11 j 23:27	21°♎01'23	
morning set	-2281 Nov 14 j 14:39	25°♎05'30	
	-2281 Nov 17 j 18:11	0°♏	
max. Earth dist.	-2281 Nov 24 j 10:59	10°♏38'52	1.43296 AU
superior conj	-2281 Nov 30 j 16:07	20°♏49'04	-1°-42'-10
minimum elong	-2281 Nov 30 j 10:10	20°♏24'19	1°41'48
	-2281 Dec 06 j 02:46	0°♐	
evening rise	-2281 Dec 13 j 01:44	12°♐04'47	
	-2281 Dec 23 j 13:06	0°♑	
asc. node	-2281 Dec 28 j 16:25	7°♑15'23	
evening max el	-2281 Dec 30 j 08:55	9°♑07'02	18°09'08
retrograde	-2280 Jan 05 j 22:21	12°♑34'31	
evening set	-2280 Jan 08 j 15:45	11°♑57'48	
inferior conj	-2280 Jan 15 j 01:50	6°♑45'11	3°55'33
minimum elong	-2280 Jan 15 j 00:42	6°♑48'07	3°55'26
min. Earth dist.	-2280 Jan 17 j 20:26	3°♑53'48	0.62426 AU
morning rise	-2280 Jan 21 j 07:36	0°♑50'39	
	-2280 Jan 22 j 13:28	30°℞♐	
direct	-2280 Jan 28 j 08:19	28°♐13'55	
	-2280 Feb 03 j 13:38	0°♑	
desc. node	-2280 Feb 07 j 22:40	2°♑59'31	
morning max el	-2280 Feb 11 j 07:21	6°♑01'55	27°44'47
	-2280 Feb 29 j 11:34	0°♒	
morning set	-2280 Mar 15 j 20:36	27°♒52'34	
	-2280 Mar 16 j 21:36	0°♓	
max. Earth dist.	-2280 Mar 21 j 14:01	9°♓51'02	1.32835 AU
superior conj	-2280 Mar 23 j 08:32	13°♓40'18	0°-24'-2
minimum elong	-2280 Mar 23 j 09:38	13°♓46'18	0°23'50
asc. node	-2280 Mar 25 j 15:49	18°♓40'20	
evening rise	-2280 Mar 30 j 09:51	28°♓53'07	
	-2280 Mar 30 j 22:34	0°♈	
	-2280 Apr 17 j 02:36	0°♉	
evening max el	-2280 Apr 23 j 20:49	7°♉46'38	24°03'56
desc. node	-2280 May 05 j 21:44	14°♉36'04	
retrograde	-2280 May 07 j 16:37	14°♉43'23	
evening set	-2280 May 11 j 23:41	14°♉02'18	
min. Earth dist.	-2280 May 18 j 08:11	10°♉57'47	0.56448 AU
inferior conj	-2280 May 20 j 19:41	9°♉25'33	-3°-39'-1
minimum elong	-2280 May 20 j 13:38	9°♉35'00	3°37'43
morning rise	-2280 May 29 j 07:29	5°♉24'09	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

direct	-2280 May 31 j 20:33	5°♉07'10		
morning max el	-2280 Jun 10 j 15:23	9°♉39'04	19°45'27	
asc. node	-2280 Jun 21 j 15:11	24°♉56'30		
	-2280 Jun 24 j 08:46	0°♊		
morning set	-2280 Jun 28 j 07:15	7°♊45'01		
superior conj	-2280 Jul 06 j 07:22	23°♊53'29	1°45'49	
minimum elong	-2280 Jul 06 j 06:03	23°♊47'00	1°45'49	
	-2280 Jul 09 j 10:15	0°♋		
max. Earth dist.	-2280 Jul 11 j 23:45	4°♋52'47	1.37211 AU	
evening rise	-2280 Jul 15 j 21:36	12°♋04'09		
	-2280 Jul 26 j 11:47	0°♌		
desc. node	-2280 Aug 01 j 21:00	9°♌47'38		
	-2280 Aug 17 j 05:38	0°♍		
evening max el	-2280 Aug 20 j 17:33	3°♍40'44	25°29'42	
retrograde	-2280 Sep 01 j 19:53	10°♍39'26		
evening set	-2280 Sep 07 j 19:02	8°♍08'02		
min. Earth dist.	-2280 Sep 12 j 04:52	3°♍13'26	0.66873 AU	
inferior conj	-2280 Sep 13 j 07:01	1°♍48'52	-1°-27'-2	
minimum elong	-2280 Sep 13 j 09:07	1°♍42'05	1°26'09	
	-2280 Sep 14 j 17:17	30°℞♌		
asc. node	-2280 Sep 17 j 14:20	26°♌53'00		
morning rise	-2280 Sep 18 j 23:50	25°♌48'46		
direct	-2280 Sep 22 j 07:35	24°♌44'50		
morning max el	-2280 Sep 29 j 13:26	28°♌52'55	19°28'25	
	-2280 Sep 30 j 14:42	0°♍		
greatest brilliancy	-2280 Oct 08 j 17:38	10°♍43'08	-0.7m	
	-2280 Oct 21 j 09:29	0°♎		
morning set	-2280 Oct 23 j 15:26	3°♎29'38		
desc. node	-2280 Oct 28 j 20:26	11°♎36'53		
max. Earth dist.	-2280 Nov 06 j 00:29	24°♎27'16	1.44449 AU	
superior conj	-2280 Nov 09 j 10:48	29°♎54'29	-1°-10'-13	
minimum elong	-2280 Nov 09 j 03:21	29°♎24'43	1°09'25	
	-2280 Nov 09 j 12:11	0°♏		
evening rise	-2280 Nov 23 j 19:14	23°♏21'28		
	-2280 Nov 27 j 18:37	0°♐		
evening max el	-2280 Dec 12 j 21:24	22°♐27'09	18°25'35	
asc. node	-2280 Dec 14 j 13:28	23°♐59'07		
retrograde	-2280 Dec 19 j 11:06	26°♐03'42		
evening set	-2280 Dec 22 j 08:52	25°♐17'34		
inferior conj	-2280 Dec 28 j 10:00	19°♐45'45	3°37'58	
minimum elong	-2280 Dec 28 j 07:30	19°♐52'55	3°37'31	
min. Earth dist.	-2280 Dec 30 j 13:49	17°♐17'15	0.64150 AU	
morning rise	-2279 Jan 03 j 04:43	13°♐41'56		
direct	-2279 Jan 10 j 02:40	10°♐51'48		
morning max el	-2279 Jan 23 j 15:54	18°♐37'40	27°26'54	
desc. node	-2279 Jan 24 j 19:43	19°♐48'33		
	-2279 Feb 02 j 07:54	0°♑		
	-2279 Feb 21 j 08:45	0°♒		
morning set	-2279 Feb 27 j 15:51	11°♒53'56		
max. Earth dist.	-2279 Mar 04 j 16:01	22°♒02'38	1.33571 AU	
superior conj	-2279 Mar 07 j 14:48	28°♒14'51	0°-49'-38	
minimum elong	-2279 Mar 07 j 17:03	28°♒26'48	0°49'16	
	-2279 Mar 08 j 10:33	0°♓		
asc. node	-2279 Mar 12 j 12:49	8°♓45'16		
evening rise	-2279 Mar 14 j 21:06	13°♓43'05		
	-2279 Mar 23 j 04:56	0°♈		
evening max el	-2279 Apr 05 j 13:36	18°♈26'45	22°29'21	
retrograde	-2279 Apr 18 j 13:52	24°♈49'25		
evening set	-2279 Apr 21 j 14:36	24°♈29'15		
desc. node	-2279 Apr 22 j 18:47	24°♈11'10		
min. Earth dist.	-2279 Apr 29 j 21:59	20°♈52'50	0.55342 AU	
inferior conj	-2279 Apr 30 j 22:32	20°♈17'52	-2°-12'-56	
minimum elong	-2279 Apr 30 j 16:54	20°♈25'54	2°11'10	
morning rise	-2279 May 09 j 21:19	16°♈22'09		
direct	-2279 May 12 j 14:18	16°♈05'17		
morning max el	-2279 May 24 j 01:14	21°♈26'33	21°02'13	
	-2279 May 31 j 04:35	0°♉		
asc. node	-2279 Jun 08 j 12:13	14°♉15'42		
morning set	-2279 Jun 12 j 14:23	22°♉27'02		
	-2279 Jun 16 j 05:37	0°♊		
superior conj	-2279 Jun 20 j 03:22	8°♊06'53	1°36'13	
minimum elong	-2279 Jun 20 j 01:04	7°♊55'01	1°36'03	
max. Earth dist.	-2279 Jun 24 j 09:02	16°♊41'00	1.35541 AU	
evening rise	-2279 Jun 28 j 17:23	25°♊05'31		
	-2279 Jul 01 j 08:58	0°♋		
desc. node	-2279 Jul 19 j 18:02	29°♋40'10		
	-2279 Jul 19 j 23:40	0°♌		
evening max el	-2279 Aug 03 j 04:57	17°♌13'41	26°31'33	
retrograde	-2279 Aug 16 j 01:31	24°♌28'13		
evening set	-2279 Aug 22 j 14:28	21°♌45'17		
min. Earth dist.	-2279 Aug 26 j 16:23	17°♌28'43	0.66042 AU	
inferior conj	-2279 Aug 28 j 06:35	15°♌32'49	-2°-19'-49	
minimum elong	-2279 Aug 28 j 09:52	15°♌22'51	2°18'36	
morning rise	-2279 Sep 03 j 06:17	9°♌44'15		
asc. node	-2279 Sep 04 j 11:23	9°♌11'52		
direct	-2279 Sep 06 j 05:28	8°♌54'25		
morning max el	-2279 Sep 12 j 23:20	12°♌39'34	18°40'24	
	-2279 Sep 25 j 10:06	0°♍		
morning set	-2279 Oct 03 j 13:57	13°♍01'26		
	-2279 Oct 14 j 06:11	0°♎		
desc. node	-2279 Oct 15 j 17:28	2°♎19'12		
superior conj	-2279 Oct 19 j 12:02	8°♎15'56	0°-24'-7	
minimum elong	-2279 Oct 19 j 08:51	8°♎03'23	0°23'43	
max. Earth dist.	-2279 Oct 19 j 18:04	8°♎39'40	1.44913 AU	
	-2279 Nov 02 j 06:16	0°♏		
evening rise	-2279 Nov 04 j 12:55	3°♏37'37		
	-2279 Nov 21 j 13:00	0°♐		
evening max el	-2279 Nov 26 j 08:05	5°♐52'56	18°59'41	
asc. node	-2279 Dec 01 j 10:30	9°♐30'16		
retrograde	-2279 Dec 03 j 05:26	9°♐48'04		
evening set	-2279 Dec 06 j 09:09	8°♐50'38		
inferior conj	-2279 Dec 12 j 03:34	3°♐02'05	3°07'32	
minimum elong	-2279 Dec 12 j 00:35	3°♐11'25	3°06'44	
min. Earth dist.	-2279 Dec 13 j 16:37	1°♐06'51	0.65523 AU	
	-2279 Dec 14 j 14:47	30°℞♏		
morning rise	-2279 Dec 17 j 15:03	26°♏51'52		
direct	-2279 Dec 24 j 03:23	24°♏03'06		
	-2278 Jan 04 j 09:25	0°♐		
morning max el	-2278 Jan 06 j 01:26	1°♐36'12	26°38'16	
desc. node	-2278 Jan 11 j 16:45	7°♐51'55		
	-2278 Jan 27 j 10:23	0°♑		
morning set	-2278 Feb 10 j 23:51	25°♑16'44		
	-2278 Feb 13 j 10:45	0°♒		
max. Earth dist.	-2278 Feb 15 j 07:17	3°♒39'20	1.34754 AU	
superior conj	-2278 Feb 19 j 15:21	12°♒27'29	-1°-13'-51	
minimum elong	-2278 Feb 19 j 18:29	12°♒43'41	1°13'25	
evening rise	-2278 Feb 27 j 06:09	28°♒20'50		
asc. node	-2278 Feb 27 j 09:50	28°♒39'48		
	-2278 Feb 28 j 01:25	0°♓		
evening max el	-2278 Mar 18 j 13:49	29°♓26'26	21°01'29	
	-2278 Mar 19 j 04:13	0°♈		
retrograde	-2278 Mar 30 j 03:05	4°♈59'15		
evening set	-2278 Apr 01 j 11:35	4°♈46'18		
desc. node	-2278 Apr 09 j 15:49	1°♈24'21		
inferior conj	-2278 Apr 10 j 17:19	0°♈48'22	0°-17'-56	
minimum elong	-2278 Apr 10 j 16:28	0°♈49'34	0°17'39	
min. Earth dist.	-2278 Apr 11 j 11:38	0°♈22'23	0.55125 AU	
	-2278 Apr 12 j 03:31	30°℞♓		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning rise	-2278 Apr 19 j 20:32	26°♓41'12	
direct	-2278 Apr 23 j 01:51	26°♓18'39	
	-2278 May 02 j 23:42	0°♈	
morning max el	-2278 May 06 j 00:28	2°♈32'26	22°34'55
	-2278 May 24 j 10:04	0°♉	
asc. node	-2278 May 26 j 09:14	3°♉56'51	
morning set	-2278 May 28 j 00:51	7°♉21'16	
superior conj	-2278 Jun 04 j 06:43	22°♉43'32	1°21'15
minimum elong	-2278 Jun 04 j 04:07	22°♉29'44	1°20'57
max. Earth dist.	-2278 Jun 07 j 04:14	28°♉48'06	1.34226 AU
	-2278 Jun 07 j 18:09	0°♊	
evening rise	-2278 Jun 12 j 03:48	8°♊51'42	
	-2278 Jun 23 j 20:37	0°♋	
desc. node	-2278 Jul 06 j 15:03	19°♋01'08	
	-2278 Jul 16 j 01:14	0°♌	
evening max el	-2278 Jul 16 j 16:38	0°♌37'34	27°12'17
retrograde	-2278 Jul 30 j 01:33	7°♌58'13	
evening set	-2278 Aug 06 j 01:13	5°♌12'20	
min. Earth dist.	-2278 Aug 09 j 20:09	1°♌33'29	0.64845 AU
	-2278 Aug 11 j 05:49	30°℞♋	
inferior conj	-2278 Aug 11 j 23:37	29°♋10'04	-3°-8'-47
minimum elong	-2278 Aug 12 j 03:42	28°♋58'41	3°07'34
morning rise	-2278 Aug 18 j 07:40	23°♋36'29	
direct	-2278 Aug 21 j 00:43	22°♋57'23	
asc. node	-2278 Aug 22 j 08:27	23°♋06'42	
morning max el	-2278 Aug 27 j 13:13	26°♋28'01	18°09'08
	-2278 Aug 30 j 14:04	0°♌	
morning set	-2278 Sep 14 j 16:27	23°♌54'54	
	-2278 Sep 18 j 08:10	0°♍	
superior conj	-2278 Sep 28 j 16:54	16°♍52'26	0°25'02
minimum elong	-2278 Sep 28 j 19:53	17°♍04'23	0°24'38
max. Earth dist.	-2278 Oct 02 j 12:39	22°♍57'20	1.44642 AU
desc. node	-2278 Oct 02 j 14:29	23°♍04'34	
	-2278 Oct 07 j 00:01	0°♎	
evening rise	-2278 Oct 15 j 07:27	12°♎56'38	
	-2278 Oct 26 j 09:46	0°♏	
greatest brilliancy	-2278 Nov 01 j 23:25	9°♏41'28	-0.6m
evening max el	-2278 Nov 09 j 14:41	19°♏20'07	19°49'56
retrograde	-2278 Nov 17 j 02:25	23°♏42'18	
asc. node	-2278 Nov 18 j 07:34	23°♏33'48	
evening set	-2278 Nov 20 j 14:01	22°♏31'23	
inferior conj	-2278 Nov 26 j 03:40	16°♏29'04	2°28'03
minimum elong	-2278 Nov 26 j 00:50	16°♏38'23	2°27'05
min. Earth dist.	-2278 Nov 27 j 03:14	15°♏11'16	0.66520 AU
morning rise	-2278 Dec 01 j 11:02	10°♏14'38	
direct	-2278 Dec 07 j 09:41	7°♏38'29	
morning max el	-2278 Dec 19 j 10:23	14°♏46'16	25°27'10
desc. node	-2278 Dec 29 j 13:48	26°♏47'17	
	-2278 Dec 31 j 22:48	0°♐	
	-2277 Jan 20 j 06:20	0°♑	
morning set	-2277 Jan 24 j 15:48	7°♑46'21	
max. Earth dist.	-2277 Jan 28 j 11:08	14°♑48'37	1.36379 AU
superior conj	-2277 Feb 03 j 07:26	26°♑09'26	-1°-35'-1
minimum elong	-2277 Feb 03 j 10:52	26°♑26'32	1°34'40
	-2277 Feb 05 j 05:26	0°♒	
evening rise	-2277 Feb 11 j 10:57	12°♒39'27	
asc. node	-2277 Feb 14 j 06:51	18°♒18'25	
	-2277 Feb 20 j 16:29	0°♓	
evening max el	-2277 Mar 01 j 00:31	11°♓00'11	19°48'52
retrograde	-2277 Mar 10 j 20:56	15°♓41'59	
evening set	-2277 Mar 13 j 02:24	15°♓28'38	
inferior conj	-2277 Mar 21 j 18:20	11°♓26'31	1°34'16
minimum elong	-2277 Mar 21 j 22:05	11°♓20'41	1°33'04
min. Earth dist.	-2277 Mar 24 j 01:45	10°♓00'49	0.55838 AU
desc. node	-2277 Mar 27 j 12:51	8°♓05'41	
morning rise	-2277 Mar 30 j 14:37	6°♓52'15	
direct	-2277 Apr 03 j 19:04	6°♓13'25	
morning max el	-2277 Apr 17 j 16:43	13°♓10'19	24°14'54
	-2277 Apr 30 j 15:49	0°♈	
morning set	-2277 May 12 j 12:52	22°♈22'01	
asc. node	-2277 May 13 j 06:17	23°♈53'45	
	-2277 May 16 j 02:42	0°♉	
superior conj	-2277 May 19 j 14:52	7°♉35'30	1°02'17
minimum elong	-2277 May 19 j 12:31	7°♉22'47	1°01'55
max. Earth dist.	-2277 May 21 j 08:36	11°♉20'02	1.33282 AU
evening rise	-2277 May 27 j 00:39	23°♉10'12	
	-2277 May 30 j 11:42	0°♊	
	-2277 Jun 17 j 14:11	0°♋	
desc. node	-2277 Jun 23 j 12:03	7°♋37'30	
evening max el	-2277 Jun 29 j 02:44	13°♋39'56	27°25'13
retrograde	-2277 Jul 12 j 19:40	21°♋01'28	
evening set	-2277 Jul 20 j 00:05	18°♋24'34	
min. Earth dist.	-2277 Jul 23 j 14:24	15°♋18'40	0.63278 AU
inferior conj	-2277 Jul 26 j 07:33	12°♋35'23	-3°-50'-39
minimum elong	-2277 Jul 26 j 11:37	12°♋25'10	3°49'46
morning rise	-2277 Aug 02 j 01:14	7°♋20'12	
direct	-2277 Aug 04 j 14:28	6°♋49'01	
asc. node	-2277 Aug 09 j 05:31	8°♋32'17	
morning max el	-2277 Aug 11 j 04:31	10°♋13'36	17°55'31
	-2277 Aug 24 j 09:34	0°♌	
morning set	-2277 Aug 27 j 19:34	5°♌58'57	
superior conj	-2277 Sep 08 j 20:17	26°♌37'23	1°05'28
minimum elong	-2277 Sep 09 j 01:45	27°♌00'07	1°04'52
	-2277 Sep 10 j 21:16	0°♍	
max. Earth dist.	-2277 Sep 15 j 04:36	7°♍00'21	1.43678 AU
desc. node	-2277 Sep 19 j 11:30	13°♍50'14	
evening rise	-2277 Sep 24 j 13:10	21°♍45'27	
	-2277 Sep 29 j 22:13	0°♎	
greatest brilliancy	-2277 Oct 18 j 00:20	26°♎07'21	-0.5m
	-2277 Oct 21 j 03:13	0°♏	
evening max el	-2277 Oct 23 j 15:40	2°♏47'06	20°54'01
retrograde	-2277 Oct 31 j 23:47	7°♏43'30	
evening set	-2277 Nov 04 j 21:23	6°♏16'46	
asc. node	-2277 Nov 05 j 04:37	6°♏02'43	
inferior conj	-2277 Nov 10 j 07:56	0°♏04'07	1°42'09
minimum elong	-2277 Nov 10 j 05:46	0°♏11'32	1°41'16
	-2277 Nov 10 j 09:09	30°℞♎	
min. Earth dist.	-2277 Nov 10 j 19:41	29°♎24'00	0.67161 AU
morning rise	-2277 Nov 15 j 13:46	23°♎47'45	
direct	-2277 Nov 20 j 21:03	21°♎30'49	
morning max el	-2277 Dec 01 j 19:06	28°♎01'28	24°03'15
	-2277 Dec 03 j 16:10	0°♏	
desc. node	-2277 Dec 16 j 10:52	16°♏19'46	
	-2277 Dec 25 j 16:25	0°♐	
morning set	-2276 Jan 06 j 09:46	19°♐07'09	
max. Earth dist.	-2276 Jan 10 j 07:34	25°♐58'06	1.38345 AU
	-2276 Jan 12 j 13:12	0°♑	
superior conj	-2276 Jan 17 j 11:26	9°♑11'03	-1°-50'-45
minimum elong	-2276 Jan 17 j 14:07	9°♑23'49	1°50'39
evening rise	-2276 Jan 26 j 09:08	26°♑32'31	
	-2276 Jan 28 j 03:37	0°♒	
asc. node	-2276 Feb 01 j 03:54	7°♒35'17	
evening max el	-2276 Feb 11 j 21:33	23°♒10'10	18°55'19
retrograde	-2276 Feb 20 j 06:11	27°♒11'44	
evening set	-2276 Feb 22 j 14:24	26°♒54'03	
inferior conj	-2276 Mar 01 j 12:42	22°♒36'19	2°56'54
minimum elong	-2276 Mar 01 j 17:18	22°♒28'03	2°55'48
min. Earth dist.	-2276 Mar 04 j 17:44	20°♒19'12	0.57319 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning rise	-2276 Mar 09 j 16:14	17°♒30'32	
desc. node	-2276 Mar 13 j 09:57	16°♒27'49	
direct	-2276 Mar 15 j 01:09	16°♒21'20	
morning max el	-2276 Mar 29 j 08:00	23°♒46'07	25°48'13
	-2276 Apr 03 j 23:15	0°♓	
	-2276 Apr 22 j 10:13	0°♈	
morning set	-2276 Apr 26 j 00:44	7°♈22'37	
asc. node	-2276 Apr 29 j 03:18	14°♈00'33	
superior conj	-2276 May 03 j 01:43	22°♈35'07	0°40'20
minimum elong	-2276 May 03 j 00:02	22°♈25'55	0°40'01
max. Earth dist.	-2276 May 03 j 19:04	24°♈09'53	1.32701 AU
	-2276 May 06 j 11:39	0°♉	
evening rise	-2276 May 10 j 04:40	7°♉49'58	
	-2276 May 21 j 22:53	0°♊	
desc. node	-2276 Jun 09 j 09:05	25°♊09'47	
evening max el	-2276 Jun 10 j 08:46	26°♊07'40	27°06'04
	-2276 Jun 15 j 00:31	0°♋	
retrograde	-2276 Jun 24 j 07:14	3°♋27'48	
evening set	-2276 Jul 01 j 06:58	1°♋14'07	
	-2276 Jul 03 j 01:45	30°℞♊	
min. Earth dist.	-2276 Jul 04 j 22:32	28°♊29'47	0.61394 AU
inferior conj	-2276 Jul 08 j 03:03	25°♊40'27	-4°-20'-23
minimum elong	-2276 Jul 08 j 05:47	25°♊34'22	4°20'04
morning rise	-2276 Jul 15 j 07:30	20°♊46'24	
direct	-2276 Jul 17 j 18:57	20°♊20'55	
morning max el	-2276 Jul 24 j 18:21	23°♊48'49	18°00'26
asc. node	-2276 Jul 26 j 02:37	25°♊13'32	
	-2276 Jul 29 j 17:59	0°♋	
morning set	-2276 Aug 09 j 17:29	18°♋56'51	
	-2276 Aug 15 j 18:48	0°♌	
superior conj	-2276 Aug 20 j 03:16	7°♌44'08	1°32'11
minimum elong	-2276 Aug 20 j 07:33	8°♌02'51	1°31'53
max. Earth dist.	-2276 Aug 27 j 15:04	20°♌29'44	1.42153 AU
	-2276 Sep 02 j 11:30	0°♍	
evening rise	-2276 Sep 03 j 00:31	0°♍51'49	
desc. node	-2276 Sep 05 j 08:30	4°♍32'24	
	-2276 Sep 22 j 11:42	0°♎	
greatest brilliancy	-2276 Sep 30 j 16:43	10°♎51'51	-0.3m
evening max el	-2276 Oct 05 j 10:35	16°♎13'35	22°08'40
retrograde	-2276 Oct 14 j 19:40	21°♎48'16	
evening set	-2276 Oct 19 j 05:20	20°♎03'46	
asc. node	-2276 Oct 22 j 01:43	17°♎06'44	
inferior conj	-2276 Oct 24 j 14:22	13°♎44'32	0°51'45
minimum elong	-2276 Oct 24 j 13:11	13°♎48'37	0°51'14
min. Earth dist.	-2276 Oct 24 j 15:26	13°♎40'49	0.67475 AU
morning rise	-2276 Oct 29 j 20:51	7°♎28'50	
direct	-2276 Nov 03 j 12:55	5°♎33'47	
morning max el	-2276 Nov 13 j 05:53	11°♎20'11	22°36'14
greatest brilliancy	-2276 Nov 17 j 22:12	16°♎35'30	-0.3m
	-2276 Nov 27 j 23:27	0°♏	
desc. node	-2276 Dec 02 j 07:56	6°♏18'30	
morning set	-2276 Dec 16 j 23:59	29°♏05'26	
	-2276 Dec 17 j 13:19	0°♐	
max. Earth dist.	-2276 Dec 22 j 03:52	7°♐41'33	1.40433 AU
superior conj	-2276 Dec 29 j 22:42	21°♐20'30	-1°-57'-56
minimum elong	-2276 Dec 29 j 23:03	21°♐22'06	1°58'01
	-2275 Jan 03 j 15:48	0°♑	
evening rise	-2275 Jan 08 j 21:43	9°♑52'46	
asc. node	-2275 Jan 18 j 00:57	26°♑23'15	
	-2275 Jan 20 j 08:50	0°♒	
evening max el	-2275 Jan 25 j 02:45	5°♒50'56	18°21'52
retrograde	-2275 Feb 01 j 10:00	9°♒27'33	
evening set	-2275 Feb 03 j 21:57	9°♒03'21	
inferior conj	-2275 Feb 11 j 03:53	4°♒24'59	3°42'48
minimum elong	-2275 Feb 11 j 06:30	4°♒19'30	3°42'26
min. Earth dist.	-2275 Feb 14 j 13:37	1°♒35'35	0.59258 AU
	-2275 Feb 16 j 17:17	30°℞♑	
morning rise	-2275 Feb 18 j 11:35	28°♑54'32	
direct	-2275 Feb 24 j 20:37	27°♑06'37	
desc. node	-2275 Feb 28 j 07:02	27°♑36'50	
	-2275 Mar 05 j 07:39	0°♒	
morning max el	-2275 Mar 11 j 03:22	4°♒46'00	26°59'47
	-2275 Mar 29 j 17:05	0°♓	
morning set	-2275 Apr 10 j 10:45	22°♓16'56	
	-2275 Apr 14 j 01:52	0°♈	
asc. node	-2275 Apr 16 j 00:21	4°♈12'46	
superior conj	-2275 Apr 17 j 13:32	7°♈36'15	0°16'16
minimum elong	-2275 Apr 17 j 12:48	7°♈32'18	0°16'07
max. Earth dist.	-2275 Apr 17 j 08:11	7°♈06'58	1.32474 AU
evening rise	-2275 Apr 24 j 13:18	22°♈42'32	
	-2275 Apr 28 j 02:54	0°♉	
	-2275 May 16 j 08:28	0°♊	
evening max el	-2275 May 23 j 08:52	7°♊53'26	26°14'34
desc. node	-2275 May 27 j 06:06	11°♊11'23	
retrograde	-2275 Jun 06 j 10:38	15°♊09'43	
evening set	-2275 Jun 12 j 17:32	13°♊31'32	
min. Earth dist.	-2275 Jun 16 j 21:52	10°♊51'54	0.59349 AU
inferior conj	-2275 Jun 20 j 06:34	8°♊16'32	-4°-30'-12
minimum elong	-2275 Jun 20 j 06:16	8°♊17'06	4°30'09
morning rise	-2275 Jun 27 j 22:39	3°♊44'43	
direct	-2275 Jun 30 j 10:00	3°♊23'21	
morning max el	-2275 Jul 08 j 03:43	7°♊05'34	18°24'58
asc. node	-2275 Jul 12 j 23:41	12°♊55'15	
	-2275 Jul 22 j 20:28	0°♋	
morning set	-2275 Jul 24 j 05:11	2°♋36'00	
superior conj	-2275 Aug 02 j 10:16	20°♋02'50	1°45'39
minimum elong	-2275 Aug 02 j 12:05	20°♋11'15	1°45'37
	-2275 Aug 07 j 22:50	0°♌	
max. Earth dist.	-2275 Aug 09 j 19:52	3°♌16'18	1.40280 AU
evening rise	-2275 Aug 14 j 09:15	10°♌59'23	
desc. node	-2275 Aug 23 j 05:29	25°♌07'33	
	-2275 Aug 26 j 10:24	0°♍	
evening max el	-2275 Sep 18 j 00:42	29°♍41'51	23°28'48
	-2275 Sep 18 j 08:00	0°♎	
retrograde	-2275 Sep 28 j 12:34	5°♎54'02	
evening set	-2275 Oct 03 j 12:09	3°♎50'34	
	-2275 Oct 07 j 00:13	30°℞♍	
inferior conj	-2275 Oct 08 j 21:08	27°♍28'35	0°-1'-26
minimum elong	-2275 Oct 08 j 21:10	27°♍28'29	0°01'26
transit middle	-2275 Oct 08 j 21:10	27°♍28'29	0°01'26
transit begin	-2275 Oct 08 j 18:28	27°♍37'44	
transit end	-2275 Oct 08 j 23:52	27°♍19'15	
min. Earth dist.	-2275 Oct 08 j 12:00	27°♍59'53	0.67488 AU
asc. node	-2275 Oct 08 j 22:49	27°♍22'49	
morning rise	-2275 Oct 14 j 06:15	21°♍16'30	
direct	-2275 Oct 18 j 08:18	19°♍43'04	
morning max el	-2275 Oct 26 j 21:58	24°♍45'24	21°14'14
	-2275 Oct 31 j 12:07	0°♎	
greatest brilliancy	-2275 Nov 01 j 07:06	0°♎59'43	-0.5m
desc. node	-2275 Nov 19 j 04:58	26°♎35'33	
	-2275 Nov 21 j 10:31	0°♏	
morning set	-2275 Nov 26 j 10:24	7°♏45'20	
max. Earth dist.	-2275 Dec 04 j 06:19	20°♏18'25	1.42365 AU
	-2275 Dec 10 j 01:55	0°♐	
superior conj	-2275 Dec 11 j 11:33	2°♐23'21	-1°-52'-34
minimum elong	-2275 Dec 11 j 07:58	2°♐08'00	1°52'29
evening rise	-2275 Dec 22 j 20:57	22°♐31'16	
	-2275 Dec 27 j 00:40	0°♑	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2274 Jan 04 j 22:00	14°♉32'21	
evening max el	-2274 Jan 08 j 13:02	18°♉52'38	18°08'16
retrograde	-2274 Jan 15 j 05:58	22°♉19'24	
evening set	-2274 Jan 17 j 21:26	21°♉47'25	
inferior conj	-2274 Jan 24 j 13:53	16°♉47'05	3°57'42
minimum elong	-2274 Jan 24 j 13:58	16°♉46'55	3°57'39
min. Earth dist.	-2274 Jan 27 j 15:59	13°♉50'04	0.61311 AU
morning rise	-2274 Jan 31 j 03:59	11°♉00'01	
direct	-2274 Feb 07 j 02:23	8°♉37'34	
desc. node	-2274 Feb 15 j 04:07	11°♉25'02	
morning max el	-2274 Feb 21 j 04:44	16°♉23'20	27°38'51
	-2274 Mar 04 j 10:25	0°♒	
	-2274 Mar 22 j 05:43	0°♓	
morning set	-2274 Mar 25 j 16:57	6°♓57'00	
max. Earth dist.	-2274 Mar 31 j 20:07	19°♓56'58	1.32602 AU
superior conj	-2274 Apr 02 j 00:33	22°♓31'43	0°-9'-8
minimum elong	-2274 Apr 02 j 00:58	22°♓34'00	0°09'04
behind sun begin	-2274 Apr 01 j 20:47	22°♓11'10	
behind sun end	-2274 Apr 02 j 05:10	22°♓56'50	
asc. node	-2274 Apr 02 j 21:22	24°♓25'20	
	-2274 Apr 05 j 10:46	0°♈	
evening rise	-2274 Apr 09 j 00:24	7°♈39'21	
	-2274 Apr 20 j 18:22	0°♉	
evening max el	-2274 May 05 j 02:53	18°♉58'20	24°56'24
desc. node	-2274 May 14 j 03:09	25°♉07'08	
retrograde	-2274 May 19 j 03:13	26°♉04'55	
evening set	-2274 May 24 j 05:40	25°♉05'23	
min. Earth dist.	-2274 May 29 j 14:53	22°♉13'50	0.57402 AU
inferior conj	-2274 Jun 01 j 14:49	20°♉13'51	-4°-9'-16
minimum elong	-2274 Jun 01 j 10:30	20°♉21'08	4°08'39
morning rise	-2274 Jun 09 j 19:18	16°♉02'48	
direct	-2274 Jun 12 j 07:41	15°♉44'24	
morning max el	-2274 Jun 21 j 05:38	19°♉54'01	19°10'04
	-2274 Jun 29 j 00:30	0°♊	
asc. node	-2274 Jun 29 j 20:44	1°♊23'24	
morning set	-2274 Jul 08 j 02:43	16°♊46'14	
	-2274 Jul 14 j 18:56	0°♋	
superior conj	-2274 Jul 16 j 11:30	3°♋17'31	1°48'15
minimum elong	-2274 Jul 16 j 11:07	3°♋15'42	1°48'18
max. Earth dist.	-2274 Jul 22 j 22:20	15°♋25'09	1.38305 AU
evening rise	-2274 Jul 26 j 19:44	22°♋21'36	
	-2274 Jul 31 j 07:13	0°♌	
desc. node	-2274 Aug 10 j 02:28	15°♌31'25	
	-2274 Aug 20 j 07:19	0°♍	
evening max el	-2274 Aug 31 j 12:17	13°♍14'03	24°47'47
retrograde	-2274 Sep 12 j 01:30	19°♍57'43	
evening set	-2274 Sep 17 j 16:05	17°♍35'49	
min. Earth dist.	-2274 Sep 22 j 06:52	12°♍20'05	0.67194 AU
inferior conj	-2274 Sep 23 j 02:32	11°♍14'47	0°-55'-49
minimum elong	-2274 Sep 23 j 03:53	11°♍10'18	0°55'14
asc. node	-2274 Sep 25 j 19:53	7°♍48'34	
morning rise	-2274 Sep 28 j 16:04	5°♍09'28	
direct	-2274 Oct 02 j 05:58	3°♍55'33	
morning max el	-2274 Oct 09 j 21:26	8°♍20'27	20°03'05
greatest brilliancy	-2274 Oct 17 j 03:43	17°♍16'28	-0.6m
	-2274 Oct 25 j 21:41	0°♎	
morning set	-2274 Nov 05 j 07:40	15°♎54'54	
desc. node	-2274 Nov 06 j 01:58	17°♎05'43	
	-2274 Nov 14 j 07:41	0°♏	
max. Earth dist.	-2274 Nov 16 j 16:49	3°♏47'17	1.43866 AU
superior conj	-2274 Nov 21 j 21:28	12°♏10'13	-1°-30'-46
minimum elong	-2274 Nov 21 j 14:16	11°♏40'51	1°30'09
	-2274 Dec 02 j 13:47	0°♐	
evening rise	-2274 Dec 05 j 02:35	4°♐20'14	
	-2274 Dec 21 j 03:53	0°♑	
asc. node	-2274 Dec 22 j 19:03	1°♑51'06	
evening max el	-2274 Dec 23 j 01:30	2°♑07'40	18°13'54
retrograde	-2274 Dec 29 j 13:53	5°♑37'28	
evening set	-2273 Jan 01 j 09:07	4°♑56'45	
	-2273 Jan 07 j 06:01	30°℞♐	
inferior conj	-2273 Jan 07 j 15:03	29°♐35'33	3°49'57
minimum elong	-2273 Jan 07 j 13:14	29°♐40'29	3°49'43
min. Earth dist.	-2273 Jan 10 j 03:26	26°♐52'28	0.63202 AU
morning rise	-2273 Jan 13 j 15:39	23°♐36'55	
direct	-2273 Jan 20 j 16:16	20°♐52'50	
desc. node	-2273 Feb 02 j 01:11	27°♐18'09	
morning max el	-2273 Feb 03 j 11:24	28°♐39'56	27°41'24
	-2273 Feb 04 j 18:50	0°♑	
	-2273 Feb 26 j 05:30	0°♒	
morning set	-2273 Mar 09 j 17:01	21°♒15'01	
	-2273 Mar 13 j 23:14	0°♓	
max. Earth dist.	-2273 Mar 15 j 03:04	2°♓26'54	1.33104 AU
superior conj	-2273 Mar 17 j 09:05	7°♓15'30	0°-34'-58
minimum elong	-2273 Mar 17 j 10:41	7°♓24'09	0°34'41
asc. node	-2273 Mar 20 j 18:23	14°♓34'15	
evening rise	-2273 Mar 24 j 12:07	22°♓33'44	
	-2273 Mar 28 j 03:01	0°♈	
evening max el	-2273 Apr 16 j 18:13	29°♈39'07	23°23'32
	-2273 Apr 17 j 03:01	0°♉	
retrograde	-2273 Apr 30 j 07:12	6°♉23'12	
desc. node	-2273 May 01 j 00:12	6°♉22'04	
evening set	-2273 May 04 j 00:32	5°♉52'49	
min. Earth dist.	-2273 May 11 j 04:42	2°♉36'29	0.55890 AU
inferior conj	-2273 May 13 j 03:08	1°♉27'47	-3°-7'-26
minimum elong	-2273 May 12 j 20:36	1°♉37'28	3°05'44
	-2273 May 15 j 15:58	30°℞♈	
morning rise	-2273 May 21 j 20:02	27°♈30'47	
direct	-2273 May 24 j 10:29	27°♈14'08	
	-2273 Jun 01 j 08:19	0°♉	
morning max el	-2273 Jun 03 j 21:43	2°♉05'18	20°15'49
asc. node	-2273 Jun 16 j 17:45	20°♉26'40	
	-2273 Jun 21 j 15:29	0°♊	
morning set	-2273 Jun 22 j 07:03	1°♊18'52	
superior conj	-2273 Jun 30 j 01:50	17°♊13'12	1°42'30
minimum elong	-2273 Jun 30 j 00:01	17°♊04'00	1°42'26
max. Earth dist.	-2273 Jul 05 j 03:44	27°♊14'21	1.36465 AU
	-2273 Jul 06 j 14:28	0°♋	
evening rise	-2273 Jul 09 j 04:48	4°♋50'29	
	-2273 Jul 24 j 04:42	0°♌	
desc. node	-2273 Jul 27 j 23:28	5°♌37'43	
evening max el	-2273 Aug 13 j 23:21	26°♌47'54	25°58'05
	-2273 Aug 17 j 13:59	0°♍	
retrograde	-2273 Aug 26 j 09:48	3°♍54'02	
evening set	-2273 Sep 01 j 15:14	1°♍16'46	
	-2273 Sep 02 j 23:50	30°℞♌	
min. Earth dist.	-2273 Sep 05 j 21:37	26°♌38'29	0.66568 AU
inferior conj	-2273 Sep 07 j 04:46	25°♌00'17	-1°-49'-44
minimum elong	-2273 Sep 07 j 07:24	24°♌51'58	1°48'41
asc. node	-2273 Sep 12 j 16:56	19°♌16'37	
morning rise	-2273 Sep 13 j 00:21	19°♌04'54	
direct	-2273 Sep 16 j 04:14	18°♌07'20	
morning max el	-2273 Sep 23 j 04:03	22°♌04'10	19°06'04
	-2273 Sep 29 j 12:48	0°♍	
morning set	-2273 Oct 15 j 15:55	24°♍43'27	
	-2273 Oct 19 j 00:34	0°♎	
desc. node	-2273 Oct 23 j 22:57	7°♎44'29	
max. Earth dist.	-2273 Oct 30 j 08:59	17°♎50'07	1.44739 AU
superior conj	-2273 Nov 01 j 06:35	20°♎50'14	0°-51'-51

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2273 Nov 01 j 00:17	20°♎25'17	0°51'06
	-2273 Nov 07 j 00:52	0°♏	
evening rise	-2273 Nov 16 j 10:13	15°♏11'34	
	-2273 Nov 25 j 12:10	0°♐	
evening max el	-2273 Dec 06 j 13:25	15°♐29'58	18°37'58
asc. node	-2273 Dec 09 j 16:05	18°♐05'30	
retrograde	-2273 Dec 13 j 05:31	19°♐13'31	
evening set	-2273 Dec 16 j 05:37	18°♐22'45	
inferior conj	-2273 Dec 22 j 03:36	12°♐43'08	3°26'24
minimum elong	-2273 Dec 22 j 00:47	12°♐51'30	3°25'46
min. Earth dist.	-2273 Dec 24 j 00:54	10°♐28'12	0.64776 AU
morning rise	-2273 Dec 27 j 18:48	6°♐36'13	
direct	-2272 Jan 03 j 13:09	3°♐45'23	
morning max el	-2272 Jan 16 j 20:52	11°♐27'12	27°09'40
desc. node	-2272 Jan 19 j 22:15	14°♐41'40	
	-2272 Jan 31 j 16:31	0°♑	
	-2272 Feb 18 j 16:48	0°♒	
morning set	-2272 Feb 21 j 08:00	5°♒01'29	
max. Earth dist.	-2272 Feb 26 j 01:05	14°♒25'00	1.34016 AU
superior conj	-2272 Feb 29 j 13:12	21°♒41'24	-1°00'-11
minimum elong	-2272 Feb 29 j 15:52	21°♒55'28	0°59'44
	-2272 Mar 04 j 11:22	0°♓	
asc. node	-2272 Mar 06 j 15:25	4°♓35'28	
evening rise	-2272 Mar 07 j 22:40	7°♓19'23	
	-2272 Mar 20 j 05:03	0°♈	
evening max el	-2272 Mar 28 j 13:24	10°♈24'33	21°50'32
retrograde	-2272 Apr 10 j 00:25	16°♈27'59	
evening set	-2272 Apr 12 j 16:18	16°♈12'07	
desc. node	-2272 Apr 16 j 21:16	14°♈49'32	
inferior conj	-2272 Apr 22 j 01:01	12°♈08'03	-1°-26'-7
minimum elong	-2272 Apr 21 j 21:03	12°♈13'36	1°24'46
min. Earth dist.	-2272 Apr 21 j 18:12	12°♈17'37	0.55129 AU
morning rise	-2272 May 01 j 02:54	8°♈10'08	
direct	-2272 May 03 j 23:35	7°♈51'59	
morning max el	-2272 May 16 j 02:59	13°♈35'29	21°40'08
	-2272 May 28 j 07:01	0°♉	
asc. node	-2272 Jun 02 j 14:47	9°♉56'32	
morning set	-2272 Jun 05 j 15:53	16°♉07'41	
	-2272 Jun 12 j 06:32	0°♊	
superior conj	-2272 Jun 13 j 01:24	1°♊38'37	1°30'27
minimum elong	-2272 Jun 12 j 22:54	1°♊25'32	1°30'13
max. Earth dist.	-2272 Jun 16 j 17:06	9°♊09'24	1.34933 AU
evening rise	-2272 Jun 21 j 07:25	18°♊13'11	
	-2272 Jun 27 j 17:10	0°♋	
desc. node	-2272 Jul 13 j 20:29	25°♋18'44	
	-2272 Jul 17 j 09:09	0°♌	
evening max el	-2272 Jul 26 j 10:47	10°♌17'59	26°51'43
retrograde	-2272 Aug 08 j 13:13	17°♌36'34	
evening set	-2272 Aug 15 j 07:22	14°♌50'45	
min. Earth dist.	-2272 Aug 19 j 06:01	10°♌50'44	0.65584 AU
inferior conj	-2272 Aug 21 j 01:52	8°♌42'09	-2°-41'-12
minimum elong	-2272 Aug 21 j 05:33	8°♌31'19	2°39'57
morning rise	-2272 Aug 27 j 04:59	2°♌59'50	
asc. node	-2272 Aug 29 j 13:59	2°♌16'19	
direct	-2272 Aug 30 j 01:13	2°♌15'06	
morning max el	-2272 Sep 05 j 16:03	5°♌53'00	18°24'59
	-2272 Sep 22 j 03:05	0°♍	
morning set	-2272 Sep 25 j 02:17	4°♍50'12	
desc. node	-2272 Oct 09 j 19:57	28°♍28'33	
superior conj	-2272 Oct 10 j 06:30	29°♍10'11	0°-2'-50
minimum elong	-2272 Oct 10 j 06:07	29°♍08'42	0°02'49
behind sun begin	-2272 Oct 09 j 19:00	28°♍24'47	
behind sun end	-2272 Oct 10 j 17:15	29°♍52'36	
	-2272 Oct 10 j 19:07	0°♎	

max. Earth dist.	-2272 Oct 12 j 03:10	2°♎06'16	1.44888 AU
evening rise	-2272 Oct 26 j 17:32	25°♎01'51	
	-2272 Oct 29 j 21:25	0°♏	
greatest brilliancy	-2272 Nov 09 j 04:17	15°♏57'22	-0.7m
evening max el	-2272 Nov 18 j 22:30	28°♏56'01	19°19'11
	-2272 Nov 20 j 00:38	0°♐	
asc. node	-2272 Nov 25 j 13:08	3°♐00'42	
retrograde	-2272 Nov 26 j 01:23	3°♐02'10	
evening set	-2272 Nov 29 j 08:06	1°♐59'25	
	-2272 Dec 01 j 16:57	30°℞♏	
inferior conj	-2272 Dec 05 j 00:16	26°♏04'30	2°51'44
minimum elong	-2272 Dec 04 j 21:17	26°♏14'05	2°50'49
min. Earth dist.	-2272 Dec 06 j 07:24	24°♏24'48	0.65988 AU
morning rise	-2272 Dec 10 j 09:37	19°♏51'54	
direct	-2272 Dec 16 j 16:21	17°♏07'22	
morning max el	-2272 Dec 29 j 06:25	24°♏32'13	26°10'12
	-2271 Jan 03 j 05:33	0°♐	
desc. node	-2271 Jan 05 j 19:18	3°♐09'16	
	-2271 Jan 24 j 02:43	0°♑	
morning set	-2271 Feb 03 j 09:50	18°♑03'29	
max. Earth dist.	-2271 Feb 07 j 11:15	25°♑47'14	1.35384 AU
	-2271 Feb 09 j 14:38	0°♒	
superior conj	-2271 Feb 12 j 10:30	5°♒41'35	-1°-23'-21
minimum elong	-2271 Feb 12 j 13:52	5°♒58'42	1°22'56
evening rise	-2271 Feb 20 j 06:10	21°♒49'21	
asc. node	-2271 Feb 21 j 12:27	24°♒23'42	
	-2271 Feb 24 j 08:10	0°♓	
evening max el	-2271 Mar 10 j 17:51	21°♓37'28	20°28'33
retrograde	-2271 Mar 21 j 14:12	26°♓48'20	
evening set	-2271 Mar 23 j 19:54	26°♓36'01	
inferior conj	-2271 Apr 01 j 20:44	22°♓38'22	0°31'56
minimum elong	-2271 Apr 01 j 22:11	22°♓36'15	0°31'25
min. Earth dist.	-2271 Apr 03 j 08:20	21°♓46'23	0.55307 AU
desc. node	-2271 Apr 03 j 18:20	21°♓31'57	
morning rise	-2271 Apr 10 j 22:24	18°♓20'40	
direct	-2271 Apr 14 j 12:03	17°♓52'56	
morning max el	-2271 Apr 27 j 22:48	24°♓27'38	23°17'18
	-2271 May 03 j 00:00	0°♈	
asc. node	-2271 May 20 j 11:50	29°♈45'03	
	-2271 May 20 j 14:42	0°♉	
morning set	-2271 May 21 j 03:14	1°♉05'22	
superior conj	-2271 May 28 j 07:07	16°♉23'03	1°13'39
minimum elong	-2271 May 28 j 04:33	16°♉09'22	1°13'18
max. Earth dist.	-2271 May 30 j 16:10	21°♉25'57	1.33776 AU
	-2271 Jun 03 j 19:49	0°♊	
evening rise	-2271 Jun 04 j 22:45	2°♊14'45	
	-2271 Jun 20 j 14:12	0°♋	
desc. node	-2271 Jun 30 j 17:31	14°♋22'51	
evening max el	-2271 Jul 08 j 21:59	23°♋34'07	27°21'25
	-2271 Jul 18 j 00:11	0°♌	
retrograde	-2271 Jul 22 j 11:07	0°♌56'23	
	-2271 Jul 26 j 15:43	30°℞♋	
evening set	-2271 Jul 29 j 13:34	28°♋12'36	
min. Earth dist.	-2271 Aug 02 j 06:02	24°♋48'35	0.64223 AU
inferior conj	-2271 Aug 04 j 15:24	22°♋15'13	-3°-27'-40
minimum elong	-2271 Aug 04 j 19:36	22°♋03'59	3°26'33
morning rise	-2271 Aug 11 j 03:26	16°♋49'04	
direct	-2271 Aug 13 j 18:26	16°♋13'48	
asc. node	-2271 Aug 16 j 11:04	16°♋50'59	
morning max el	-2271 Aug 20 j 06:54	19°♋41'10	18°01'02
	-2271 Aug 27 j 22:58	0°♌	
morning set	-2271 Sep 06 j 15:57	16°♌15'32	
	-2271 Sep 14 j 19:34	0°♍	
superior conj	-2271 Sep 19 j 19:29	8°♍12'02	0°43'42

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2271 Sep 20 j 00:06	8°♍30'45	0°43'08
max. Earth dist.	-2271 Sep 24 j 20:27	16°♍17'57	1.44310 AU
desc. node	-2271 Sep 26 j 16:59	19°♍14'34	
	-2271 Oct 03 j 13:53	0°♎	
evening rise	-2271 Oct 06 j 04:41	4°♎02'55	
	-2271 Oct 23 j 10:24	0°♏	
greatest brilliancy	-2271 Oct 26 j 11:46	4°♏16'46	-0.6m
evening max el	-2271 Nov 02 j 02:53	12°♏23'37	20°15'44
retrograde	-2271 Nov 09 j 22:45	16°♏59'45	
asc. node	-2271 Nov 12 j 10:12	16°♏24'23	
evening set	-2271 Nov 13 j 14:16	15°♏42'35	
inferior conj	-2271 Nov 19 j 02:26	9°♏35'40	2°09'15
minimum elong	-2271 Nov 18 j 23:50	9°♏44'23	2°08'17
min. Earth dist.	-2271 Nov 19 j 20:54	8°♏33'38	0.66834 AU
morning rise	-2271 Nov 24 j 08:50	3°♏19'57	
direct	-2271 Nov 30 j 01:06	0°♏51'05	
morning max el	-2271 Dec 11 j 14:59	7°♏44'46	24°52'21
desc. node	-2271 Dec 23 j 16:22	22°♏22'18	
	-2271 Dec 29 j 01:44	0°♐	
morning set	-2270 Jan 16 j 17:15	0°♑06'12	
	-2270 Jan 16 j 15:51	0°♑	
max. Earth dist.	-2270 Jan 20 j 10:44	6°♑50'34	1.37179 AU
superior conj	-2270 Jan 26 j 21:59	19°♑08'02	-1°-42'-31
minimum elong	-2270 Jan 27 j 01:16	19°♑24'04	1°42'17
	-2270 Feb 01 j 09:11	0°♒	
evening rise	-2270 Feb 04 j 08:30	5°♒57'52	
asc. node	-2270 Feb 08 j 09:31	13°♒53'53	
	-2270 Feb 18 j 06:25	0°♓	
evening max el	-2270 Feb 21 j 09:17	3°♓27'29	19°23'44
retrograde	-2270 Mar 02 j 13:14	7°♓49'53	
evening set	-2270 Mar 04 j 19:37	7°♓35'04	
inferior conj	-2270 Mar 13 j 04:11	3°♓27'44	2°13'47
minimum elong	-2270 Mar 13 j 08:47	3°♓20'10	2°12'26
min. Earth dist.	-2270 Mar 15 j 23:12	1°♓38'15	0.56389 AU
	-2270 Mar 18 j 18:00	30°♑℞	
morning rise	-2270 Mar 21 j 18:10	28°♒39'44	
desc. node	-2270 Mar 21 j 15:25	28°♒42'10	
direct	-2270 Mar 26 j 10:59	27°♒49'17	
	-2270 Apr 03 j 01:01	0°♓	
morning max el	-2270 Apr 09 j 13:43	5°♓00'19	24°56'16
	-2270 Apr 27 j 10:43	0°♈	
morning set	-2270 May 05 j 15:23	16°♈06'15	
asc. node	-2270 May 07 j 08:54	19°♈46'28	
	-2270 May 12 j 02:10	0°♉	
superior conj	-2270 May 12 j 16:38	1°♉18'43	0°53'18
minimum elong	-2270 May 12 j 14:31	1°♉07'14	0°52'56
max. Earth dist.	-2270 May 13 j 23:29	4°♉06'00	1.32993 AU
evening rise	-2270 May 19 j 23:01	16°♉43'23	
	-2270 May 26 j 18:58	0°♊	
	-2270 Jun 15 j 09:15	0°♋	
desc. node	-2270 Jun 17 j 14:32	2°♋34'39	
evening max el	-2270 Jun 21 j 06:53	6°♋23'45	27°21'12
retrograde	-2270 Jul 05 j 02:35	13°♋44'30	
evening set	-2270 Jul 12 j 06:10	11°♋16'06	
min. Earth dist.	-2270 Jul 15 j 20:11	8°♋20'46	0.62510 AU
inferior conj	-2270 Jul 18 j 18:30	5°♋33'05	-4°-5'-11
minimum elong	-2270 Jul 18 j 22:12	5°♋24'14	4°04'31
morning rise	-2270 Jul 25 j 16:37	0°♋26'15	
	-2270 Jul 27 j 11:56	30°♋℞	
direct	-2270 Jul 28 j 04:49	29°♊57'43	
	-2270 Jul 28 j 21:38	0°♋	
asc. node	-2270 Aug 03 j 08:10	2°♋50'17	
morning max el	-2270 Aug 03 j 21:52	3°♋22'44	17°55'10
morning set	-2270 Aug 20 j 03:48	28°♋44'30	
	-2270 Aug 20 j 20:41	0°♌	
superior conj	-2270 Aug 31 j 10:38	18°♌31'28	1°18'33
minimum elong	-2270 Aug 31 j 15:54	18°♌53'50	1°18'02
	-2270 Sep 07 j 08:13	0°♍	
max. Earth dist.	-2270 Sep 07 j 10:19	0°♍08'32	1.43093 AU
desc. node	-2270 Sep 13 j 13:58	9°♍58'59	
evening rise	-2270 Sep 15 j 10:24	12°♍52'59	
	-2270 Sep 26 j 16:40	0°♎	
greatest brilliancy	-2270 Oct 10 j 23:00	19°♎57'20	-0.4m
evening max el	-2270 Oct 16 j 01:22	25°♎50'43	21°24'50
	-2270 Oct 21 j 04:38	0°♏	
retrograde	-2270 Oct 24 j 19:34	1°♏02'36	
	-2270 Oct 28 j 04:10	30°♋℞	
evening set	-2270 Oct 28 j 22:05	29°♎28'34	
asc. node	-2270 Oct 30 j 07:17	28°♎14'15	
inferior conj	-2270 Nov 03 j 07:50	23°♎12'56	1°21'11
minimum elong	-2270 Nov 03 j 06:03	23°♎19'05	1°20'27
min. Earth dist.	-2270 Nov 03 j 14:59	22°♎48'22	0.67339 AU
morning rise	-2270 Nov 08 j 13:42	16°♎56'41	
direct	-2270 Nov 13 j 14:34	14°♎48'44	
morning max el	-2270 Nov 23 j 23:59	21°♎00'23	23°26'01
greatest brilliancy	-2270 Nov 29 j 16:36	27°♎27'08	-0.2m
	-2270 Dec 01 j 17:10	0°♏	
desc. node	-2270 Dec 10 j 13:25	12°♏06'52	
	-2270 Dec 22 j 08:25	0°♐	
morning set	-2270 Dec 28 j 23:50	10°♐52'09	
max. Earth dist.	-2269 Jan 02 j 06:09	18°♐10'35	1.39242 AU
	-2269 Jan 08 j 20:01	0°♑	
superior conj	-2269 Jan 09 j 19:30	1°♑48'57	-1°-55'-4
minimum elong	-2269 Jan 09 j 21:24	1°♑57'51	1°55'04
evening rise	-2269 Jan 19 j 02:56	19°♑37'26	
	-2269 Jan 24 j 14:29	0°♒	
asc. node	-2269 Jan 26 j 06:33	2°♒59'04	
evening max el	-2269 Feb 04 j 10:07	15°♒51'05	18°38'35
retrograde	-2269 Feb 12 j 06:17	19°♒39'48	
evening set	-2269 Feb 14 j 16:17	19°♒19'23	
inferior conj	-2269 Feb 22 j 07:16	14°♒52'58	3°20'40
minimum elong	-2269 Feb 22 j 11:14	14°♒45'22	3°19'54
min. Earth dist.	-2269 Feb 25 j 16:09	12°♒19'32	0.58116 AU
morning rise	-2269 Mar 02 j 02:25	9°♒36'02	
direct	-2269 Mar 07 j 22:49	8°♒10'44	
desc. node	-2269 Mar 08 j 12:30	8°♒11'33	
morning max el	-2269 Mar 22 j 06:00	15°♒42'04	26°22'11
	-2269 Apr 02 j 20:01	0°♓	
	-2269 Apr 19 j 14:20	0°♈	
morning set	-2269 Apr 20 j 02:40	1°♈04'22	
asc. node	-2269 Apr 24 j 05:58	9°♈55'43	
superior conj	-2269 Apr 27 j 04:04	16°♈19'02	0°30'20
minimum elong	-2269 Apr 27 j 02:46	16°♈11'53	0°30'05
max. Earth dist.	-2269 Apr 27 j 11:39	17°♈00'36	1.32563 AU
	-2269 May 03 j 12:12	0°♉	
evening rise	-2269 May 04 j 05:15	1°♉29'12	
	-2269 May 19 j 19:52	0°♊	
evening max el	-2269 Jun 03 j 10:45	18°♊34'38	26°48'02
desc. node	-2269 Jun 04 j 11:34	19°♊32'12	
retrograde	-2269 Jun 17 j 10:35	25°♊52'38	
evening set	-2269 Jun 24 j 04:53	23°♊53'03	
min. Earth dist.	-2269 Jun 28 j 00:13	21°♊13'02	0.60532 AU
inferior conj	-2269 Jul 01 j 07:41	18°♊27'15	-4°-27'-37
minimum elong	-2269 Jul 01 j 09:21	18°♊23'46	4°27'28
morning rise	-2269 Jul 08 j 16:56	13°♊42'27	
direct	-2269 Jul 11 j 04:21	13°♊18'43	
morning max el	-2269 Jul 18 j 10:08	16°♊51'02	18°08'26
asc. node	-2269 Jul 21 j 05:15	19°♊59'03	
	-2269 Jul 27 j 17:53	0°♋	
morning set	-2269 Aug 03 j 08:12	12°♋02'07	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2269 Aug 13 j 04:34	0°♌11'13	1°39'24
minimum elong	-2269 Aug 13 j 07:50	0°♌25'52	1°39'13
	-2269 Aug 13 j 02:04	0°♌	
max. Earth dist.	-2269 Aug 20 j 18:58	13°♌23'23	1.41390 AU
evening rise	-2269 Aug 26 j 05:42	22°♌22'31	
desc. node	-2269 Aug 31 j 10:57	0°♍38'54	
	-2269 Aug 31 j 00:58	0°♍	
	-2269 Sep 20 j 19:42	0°♎	
greatest brilliancy	-2269 Sep 23 j 21:16	3°♎50'53	-0.3m
evening max el	-2269 Sep 28 j 18:06	9°♎18'10	22°42'20
retrograde	-2269 Oct 08 j 14:15	15°♎08'40	
evening set	-2269 Oct 13 j 05:47	13°♎15'56	
asc. node	-2269 Oct 17 j 04:22	8°♎52'07	
inferior conj	-2269 Oct 18 j 14:37	6°♎55'08	0°29'25
minimum elong	-2269 Oct 18 j 13:56	6°♎57'29	0°29'07
min. Earth dist.	-2269 Oct 18 j 11:16	7°♎06'41	0.67528 AU
morning rise	-2269 Oct 23 j 22:02	0°♎40'51	
	-2269 Oct 24 j 20:42	30°℞♍	
direct	-2269 Oct 28 j 07:57	28°♍55'18	
	-2269 Nov 01 j 02:19	0°♎	
morning max el	-2269 Nov 06 j 12:44	4°♎21'49	22°00'18
greatest brilliancy	-2269 Nov 11 j 07:30	9°♎46'54	-0.4m
	-2269 Nov 25 j 22:23	0°♏	
desc. node	-2269 Nov 27 j 10:26	2°♏14'04	
morning set	-2269 Dec 09 j 01:29	20°♏14'02	
max. Earth dist.	-2269 Dec 15 j 05:09	0°♐17'59	1.41302 AU
	-2269 Dec 15 j 00:51	0°♐	
superior conj	-2269 Dec 22 j 21:51	13°♐31'14	-1°-57'-26
minimum elong	-2269 Dec 22 j 20:41	13°♐26'03	1°57'30
	-2269 Dec 31 j 23:38	0°♑	
evening rise	-2268 Jan 02 j 10:18	2°♑40'45	
asc. node	-2268 Jan 13 j 03:36	21°♑31'22	
evening max el	-2268 Jan 18 j 17:43	28°♑40'53	18°13'34
	-2268 Jan 20 j 05:27	0°♒	
retrograde	-2268 Jan 25 j 17:38	2°♒11'53	
evening set	-2268 Jan 28 j 07:04	1°♒44'28	
	-2268 Jan 31 j 12:57	30°℞♑	
inferior conj	-2268 Feb 04 j 06:50	26°♑56'22	3°52'24
minimum elong	-2268 Feb 04 j 08:21	26°♑53'00	3°52'15
min. Earth dist.	-2268 Feb 07 j 14:17	24°♑00'54	0.60138 AU
morning rise	-2268 Feb 11 j 06:35	21°♑17'50	
direct	-2268 Feb 17 j 22:30	19°♑14'26	
desc. node	-2268 Feb 23 j 09:35	20°♑31'05	
morning max el	-2268 Mar 03 j 04:00	26°♑56'56	27°20'56
	-2268 Mar 06 j 02:00	0°♒	
	-2268 Mar 26 j 07:47	0°♓	
morning set	-2268 Apr 03 j 11:16	15°♓53'06	
max. Earth dist.	-2268 Apr 10 j 00:51	29°♓56'32	1.32481 AU
asc. node	-2268 Apr 10 j 02:58	0°♈08'08	
	-2268 Apr 10 j 01:29	0°♈	
superior conj	-2268 Apr 10 j 15:41	1°♈17'45	0°05'36
minimum elong	-2268 Apr 10 j 15:26	1°♈16'21	0°05'32
behind sun begin	-2268 Apr 10 j 10:42	0°♈50'29	
behind sun end	-2268 Apr 10 j 20:10	1°♈42'15	
evening rise	-2268 Apr 17 j 15:08	16°♈23'47	
	-2268 Apr 24 j 10:40	0°♉	
	-2268 May 15 j 07:34	0°♊	
evening max el	-2268 May 15 j 07:52	0°♊00'44	25°43'59
desc. node	-2268 May 21 j 08:38	4°♊44'40	
retrograde	-2268 May 29 j 09:34	7°♊14'17	
evening set	-2268 Jun 04 j 05:50	5°♊52'34	
min. Earth dist.	-2268 Jun 08 j 20:07	3°♊10'04	0.58484 AU
inferior conj	-2268 Jun 12 j 03:15	0°♊47'05	-4°-25'-47
minimum elong	-2268 Jun 12 j 01:15	0°♊50'43	4°25'38
	-2268 Jun 13 j 05:24	30°℞♉	
morning rise	-2268 Jun 20 j 00:33	26°♉24'56	
direct	-2268 Jun 22 j 12:21	26°♉04'56	
morning max el	-2268 Jun 30 j 16:41	29°♉56'40	18°41'44
	-2268 Jun 30 j 18:06	0°♊	
asc. node	-2268 Jul 07 j 02:17	8°♊01'33	
morning set	-2268 Jul 17 j 00:29	25°♊55'15	
	-2268 Jul 19 j 02:45	0°♋	
superior conj	-2268 Jul 25 j 20:02	12°♋55'48	1°47'55
minimum elong	-2268 Jul 25 j 20:51	12°♋59'39	1°47'57
max. Earth dist.	-2268 Aug 01 j 22:17	25°♋52'42	1.39432 AU
	-2268 Aug 04 j 06:59	0°♌	
evening rise	-2268 Aug 06 j 01:21	3°♌01'10	
desc. node	-2268 Aug 17 j 07:57	21°♌09'48	
	-2268 Aug 23 j 06:42	0°♍	
evening max el	-2268 Sep 10 j 06:39	22°♍47'18	24°02'49
retrograde	-2268 Sep 21 j 05:41	29°♍14'16	
evening set	-2268 Sep 26 j 11:36	27°♍02'30	
inferior conj	-2268 Oct 01 j 21:01	20°♍40'14	0°-24'-26
minimum elong	-2268 Oct 01 j 21:36	20°♍38'16	0°24'11
min. Earth dist.	-2268 Oct 01 j 07:22	21°♍26'28	0.67404 AU
asc. node	-2268 Oct 03 j 01:25	19°♍05'00	
morning rise	-2268 Oct 07 j 07:49	14°♍30'46	
direct	-2268 Oct 11 j 04:22	13°♍06'13	
morning max el	-2268 Oct 19 j 08:00	17°♍51'46	20°42'23
greatest brilliancy	-2268 Oct 25 j 09:03	25°♍01'27	-0.5m
	-2268 Oct 29 j 00:55	0°♎	
desc. node	-2268 Nov 13 j 07:26	22°♎37'14	
morning set	-2268 Nov 17 j 03:43	28°♎33'31	
	-2268 Nov 18 j 01:56	0°♏	
max. Earth dist.	-2268 Nov 26 j 11:04	13°♏18'17	1.43070 AU
superior conj	-2268 Dec 02 j 23:34	24°♏02'08	-1°-45'-29
minimum elong	-2268 Dec 02 j 18:11	23°♏39'36	1°45'11
	-2268 Dec 06 j 12:13	0°♐	
evening rise	-2268 Dec 15 j 02:39	14°♐59'38	
	-2268 Dec 23 j 17:37	0°♑	
asc. node	-2268 Dec 30 j 00:37	9°♑20'44	
evening max el	-2267 Jan 01 j 05:14	11°♑49'07	18°08'19
retrograde	-2267 Jan 07 j 19:21	15°♑16'04	
evening set	-2267 Jan 10 j 12:11	14°♑40'41	
inferior conj	-2267 Jan 16 j 23:50	9°♑31'18	3°56'44
minimum elong	-2267 Jan 16 j 23:00	9°♑33'27	3°56'39
min. Earth dist.	-2267 Jan 19 j 20:33	6°♑37'41	0.62142 AU
morning rise	-2267 Jan 23 j 07:37	3°♑38'28	
direct	-2267 Jan 30 j 08:04	1°♑04'52	
desc. node	-2267 Feb 09 j 06:39	5°♑17'14	
morning max el	-2267 Feb 13 j 08:07	8°♑52'49	27°44'25
	-2267 Mar 01 j 16:19	0°♒	
	-2267 Mar 18 j 10:11	0°♓	
morning set	-2267 Mar 18 j 15:11	0°♓25'21	
max. Earth dist.	-2267 Mar 24 j 11:06	12°♓39'41	1.32761 AU
superior conj	-2267 Mar 26 j 01:52	16°♓09'16	0°-20'-6
minimum elong	-2267 Mar 26 j 02:48	16°♓14'18	0°19'56
asc. node	-2267 Mar 27 j 23:59	20°♓19'53	
	-2267 Apr 01 j 11:31	0°♈	
evening rise	-2267 Apr 02 j 02:42	1°♈20'23	
	-2267 Apr 17 j 23:42	0°♉	
evening max el	-2267 Apr 26 j 23:54	10°♉51'51	24°17'52
desc. node	-2267 May 08 j 05:40	17°♉35'37	
retrograde	-2267 May 10 j 21:24	17°♉51'49	
evening set	-2267 May 15 j 09:28	17°♉06'24	
min. Earth dist.	-2267 May 21 j 11:33	14°♉05'29	0.56678 AU
inferior conj	-2267 May 24 j 02:48	12°♉25'38	-3°-48'-25
minimum elong	-2267 May 23 j 21:05	12°♉34'42	3°47'18
morning rise	-2267 Jun 01 j 12:42	8°♉21'58	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

direct	-2267 Jun 04 j 01:29	8°♉04'42		
morning max el	-2267 Jun 13 j 14:45	12°♉30'31	19°35'38	
asc. node	-2267 Jun 23 j 23:19	26°♉45'34		
	-2267 Jun 25 j 18:25	0°♊		
morning set	-2267 Jul 01 j 01:12	10°♊15'13		
superior conj	-2267 Jul 09 j 03:23	26°♊29'13	1°46'41	
minimum elong	-2267 Jul 09 j 02:18	26°♊23'52	1°46'43	
	-2267 Jul 10 j 22:28	0°♋		
max. Earth dist.	-2267 Jul 15 j 00:38	7°♋47'06	1.37488 AU	
evening rise	-2267 Jul 18 j 22:00	14°♋52'52		
	-2267 Jul 27 j 19:40	0°♌		
desc. node	-2267 Aug 04 j 04:56	11°♌26'38		
	-2267 Aug 17 j 22:52	0°♍		
evening max el	-2267 Aug 23 j 17:40	6°♍19'50	25°19'14	
retrograde	-2267 Sep 04 j 16:53	13°♍15'07		
evening set	-2267 Sep 10 j 13:46	10°♍46'10		
min. Earth dist.	-2267 Sep 15 j 00:53	5°♍45'54	0.66964 AU	
inferior conj	-2267 Sep 16 j 01:18	4°♍26'21	-1°-18'-50	
minimum elong	-2267 Sep 16 j 03:13	4°♍20'08	1°18'03	
asc. node	-2267 Sep 19 j 22:29	29°♌51'31		
	-2267 Sep 19 j 19:00	30°℞♌		
morning rise	-2267 Sep 21 j 17:12	28°♌24'41		
direct	-2267 Sep 25 j 02:28	27°♌18'15		
	-2267 Sep 30 j 20:13	0°♍		
morning max el	-2267 Oct 02 j 10:38	1°♍30'32	19°36'55	
greatest brilliancy	-2267 Oct 11 j 00:09	12°♍24'22	-0.7m	
	-2267 Oct 22 j 16:26	0°♎		
morning set	-2267 Oct 27 j 02:49	6°♎51'36		
desc. node	-2267 Oct 31 j 04:26	13°♎11'18		
max. Earth dist.	-2267 Nov 08 j 23:44	27°♎01'38	1.44319 AU	
	-2267 Nov 10 j 20:35	0°♏		
superior conj	-2267 Nov 12 j 22:04	3°♏17'53	-1°-16'-9	
minimum elong	-2267 Nov 12 j 14:29	2°♏47'28	1°15'23	
evening rise	-2267 Nov 26 j 23:26	26°♏24'50		
	-2267 Nov 29 j 02:34	0°♐		
evening max el	-2267 Dec 15 j 17:50	25°♐08'09	18°21'59	
asc. node	-2267 Dec 16 j 21:39	26°♐14'05		
retrograde	-2267 Dec 22 j 06:54	28°♐42'31		
evening set	-2267 Dec 25 j 04:00	27°♐57'50		
inferior conj	-2267 Dec 31 j 06:18	22°♐28'47	3°41'34	
minimum elong	-2267 Dec 31 j 03:57	22°♐35'26	3°41'09	
min. Earth dist.	-2266 Jan 02 j 12:24	19°♐56'04	0.63917 AU	
morning rise	-2266 Jan 06 j 02:25	16°♐26'18		
direct	-2266 Jan 13 j 01:22	13°♐37'09		
morning max el	-2266 Jan 26 j 16:12	21°♐23'34	27°31'40	
desc. node	-2266 Jan 27 j 03:42	21°♐52'28		
	-2266 Feb 03 j 05:12	0°♑		
	-2266 Feb 22 j 18:28	0°♒		
morning set	-2266 Mar 02 j 11:47	14°♒31'10		
max. Earth dist.	-2266 Mar 07 j 14:27	24°♒55'54	1.33437 AU	
superior conj	-2266 Mar 10 j 08:47	0°♓46'20	0°-45'-49	
minimum elong	-2266 Mar 10 j 10:53	0°♓57'28	0°45'27	
	-2266 Mar 10 j 00:05	0°♓		
asc. node	-2266 Mar 14 j 21:00	10°♓25'59		
evening rise	-2266 Mar 17 j 14:08	16°♓11'31		
	-2266 Mar 24 j 12:53	0°♈		
evening max el	-2266 Apr 08 j 16:09	21°♈31'14	22°43'15	
retrograde	-2266 Apr 21 j 20:12	27°♈59'47		
evening set	-2266 Apr 25 j 00:49	27°♈37'30		
desc. node	-2266 Apr 25 j 02:43	27°♈36'24		
min. Earth dist.	-2266 May 03 j 01:19	24°♈06'45	0.55459 AU	
inferior conj	-2266 May 04 j 07:51	23°♈22'58	-2°-28'-28	
minimum elong	-2266 May 04 j 01:48	23°♈31'40	2°26'38	
morning rise	-2266 May 13 j 05:14	19°♈27'20		
direct	-2266 May 15 j 21:26	19°♈10'36		
morning max el	-2266 May 27 j 02:11	24°♈23'55	20°49'37	
	-2266 Jun 01 j 01:48	0°♉		
asc. node	-2266 Jun 10 j 20:22	16°♉00'47		
morning set	-2266 Jun 15 j 07:41	24°♉54'53		
	-2266 Jun 17 j 18:46	0°♊		
superior conj	-2266 Jun 22 j 22:02	10°♊38'07	1°38'02	
minimum elong	-2266 Jun 22 j 19:50	10°♊26'50	1°37'55	
max. Earth dist.	-2266 Jun 27 j 08:50	19°♊34'54	1.35770 AU	
evening rise	-2266 Jul 01 j 15:10	27°♊46'11		
	-2266 Jul 02 j 19:59	0°♋		
	-2266 Jul 21 j 02:48	0°♌		
desc. node	-2266 Jul 22 j 01:57	1°♌22'55		
evening max el	-2266 Aug 06 j 05:06	19°♌53'34	26°23'33	
retrograde	-2266 Aug 18 j 23:12	27°♌06'00		
evening set	-2266 Aug 25 j 10:15	24°♌24'25		
min. Earth dist.	-2266 Aug 29 j 13:21	20°♌02'08	0.66187 AU	
inferior conj	-2266 Aug 31 j 01:38	18°♌10'52	-2°-12'00	
minimum elong	-2266 Aug 31 j 04:46	18°♌01'16	2°10'50	
morning rise	-2266 Sep 06 j 00:13	12°♌20'21		
asc. node	-2266 Sep 06 j 19:33	11°♌56'25		
direct	-2266 Sep 09 j 00:35	11°♌28'34		
morning max el	-2266 Sep 15 j 19:45	15°♌16'26	18°46'34	
	-2266 Sep 26 j 15:40	0°♍		
morning set	-2266 Oct 06 j 21:22	16°♍11'37		
	-2266 Oct 15 j 14:24	0°♎		
desc. node	-2266 Oct 18 j 01:26	3°♎52'41		
max. Earth dist.	-2266 Oct 22 j 17:15	11°♎12'56	1.44893 AU	
superior conj	-2266 Oct 23 j 00:45	11°♎42'25	0°-31'-36	
minimum elong	-2266 Oct 22 j 20:37	11°♎26'08	0°31'06	
	-2266 Nov 03 j 14:12	0°♏		
evening rise	-2266 Nov 07 j 20:48	6°♏50'16		
	-2266 Nov 22 j 13:19	0°♐		
evening max el	-2266 Nov 29 j 04:57	8°♐33'20	18°53'30	
asc. node	-2266 Dec 03 j 18:42	11°♐57'08		
retrograde	-2266 Dec 06 j 00:39	12°♐25'00		
evening set	-2266 Dec 09 j 03:25	11°♐29'18		
inferior conj	-2266 Dec 14 j 22:42	5°♐42'57	3°12'48	
minimum elong	-2266 Dec 14 j 19:44	5°♐52'06	3°12'02	
min. Earth dist.	-2266 Dec 16 j 13:48	3°♐42'33	0.65346 AU	
	-2266 Dec 19 j 23:17	30°℞♏		
morning rise	-2266 Dec 20 j 11:03	29°♏33'35		
direct	-2266 Dec 27 j 01:08	26°♏43'59		
	-2265 Jan 04 j 03:10	0°♐		
morning max el	-2265 Jan 09 j 01:46	4°♐19'22	26°47'09	
desc. node	-2265 Jan 14 j 00:47	9°♐45'59		
	-2265 Jan 28 j 16:24	0°♑		
morning set	-2265 Feb 13 j 21:44	28°♑00'05		
	-2265 Feb 14 j 22:43	0°♒		
max. Earth dist.	-2265 Feb 18 j 07:33	6°♒37'49	1.34553 AU	
superior conj	-2265 Feb 22 j 10:22	15°♒02'20	-1°-10'-21	
minimum elong	-2265 Feb 22 j 13:24	15°♒18'04	1°09'54	
evening rise	-2265 Mar 01 j 23:39	0°♓51'16		
asc. node	-2265 Mar 01 j 18:02	0°♓22'09		
	-2265 Mar 01 j 13:46	0°♓		
	-2265 Mar 19 j 07:01	0°♈		
evening max el	-2265 Mar 21 j 14:55	2°♈26'12	21°13'42	
retrograde	-2265 Apr 02 j 10:00	8°♈07'03		
evening set	-2265 Apr 04 j 20:00	7°♈53'35		
desc. node	-2265 Apr 11 j 23:49	5°♈05'36		
inferior conj	-2265 Apr 14 j 02:56	3°♈54'37	0°-35'-59	
minimum elong	-2265 Apr 14 j 01:14	3°♈57'00	0°35'23	
min. Earth dist.	-2265 Apr 14 j 14:47	3°♈37'54	0.55096 AU	
	-2265 Apr 22 j 14:39	30°℞♓		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning rise	-2265 Apr 23 j 06:10	29°♓50'34	
direct	-2265 Apr 26 j 08:57	29°♓29'27	
	-2265 Apr 30 j 00:55	0°♈	
morning max el	-2265 May 09 j 02:52	5°♈35'21	22°20'27
	-2265 May 25 j 20:46	0°♉	
asc. node	-2265 May 28 j 17:25	5°♉39'07	
morning set	-2265 May 30 j 17:48	9°♉47'48	
superior conj	-2265 Jun 07 j 00:29	25°♉11'53	1°23'49
minimum elong	-2265 Jun 06 j 21:53	24°♉58'11	1°23'31
	-2265 Jun 09 j 07:31	0°♊	
max. Earth dist.	-2265 Jun 10 j 02:39	1°♊39'00	1.34396 AU
evening rise	-2265 Jun 14 j 23:42	11°♊26'25	
	-2265 Jun 25 j 04:44	0°♋	
desc. node	-2265 Jul 08 j 22:59	20°♋49'24	
	-2265 Jul 16 j 11:25	0°♌	
evening max el	-2265 Jul 19 j 16:46	3°♌19'14	27°07'50
retrograde	-2265 Aug 02 j 00:02	10°♌39'23	
evening set	-2265 Aug 08 j 22:31	7°♌53'07	
min. Earth dist.	-2265 Aug 12 j 18:22	4°♌08'59	0.65048 AU
inferior conj	-2265 Aug 14 j 19:50	1°♌49'14	-3°-1'-46
minimum elong	-2265 Aug 14 j 23:50	1°♌37'55	3°00'31
	-2265 Aug 16 j 11:21	30°℞♋	
morning rise	-2265 Aug 21 j 02:34	26°♋13'19	
direct	-2265 Aug 23 j 20:23	25°♋32'50	
asc. node	-2265 Aug 24 j 16:38	25°♋36'41	
morning max el	-2265 Aug 30 j 09:14	29°♋04'57	18°12'43
	-2265 Aug 31 j 06:05	0°♌	
morning set	-2265 Sep 17 j 19:46	26°♌53'02	
	-2265 Sep 19 j 16:54	0°♍	
superior conj	-2265 Oct 02 j 03:35	20°♍12'14	0°17'56
minimum elong	-2265 Oct 02 j 05:48	20°♍21'03	0°17'39
desc. node	-2265 Oct 04 j 22:26	24°♍37'31	
max. Earth dist.	-2265 Oct 05 j 12:00	25°♍31'10	1.44729 AU
	-2265 Oct 08 j 08:15	0°♎	
evening rise	-2265 Oct 18 j 18:26	16°♎16'38	
	-2265 Oct 27 j 15:21	0°♏	
greatest brilliancy	-2265 Nov 04 j 10:34	11°♏41'04	-0.7m
evening max el	-2265 Nov 12 j 12:16	22°♏00'04	19°41'28
retrograde	-2265 Nov 19 j 21:29	26°♏17'55	
asc. node	-2265 Nov 20 j 15:47	26°♏14'34	
evening set	-2265 Nov 23 j 07:47	25°♏09'07	
inferior conj	-2265 Nov 28 j 22:00	19°♏08'31	2°34'30
minimum elong	-2265 Nov 28 j 19:07	19°♏17'58	2°33'33
min. Earth dist.	-2265 Nov 29 j 23:27	17°♏45'07	0.66395 AU
morning rise	-2265 Dec 04 j 05:48	12°♏54'28	
direct	-2265 Dec 10 j 06:34	10°♏16'01	
morning max el	-2265 Dec 22 j 10:59	17°♏28'34	25°38'49
desc. node	-2265 Dec 31 j 21:50	28°♏34'28	
	-2264 Jan 01 j 23:41	0°♐	
	-2264 Jan 21 j 15:41	0°♑	
morning set	-2264 Jan 27 j 16:29	10°♑38'51	
max. Earth dist.	-2264 Jan 31 j 13:08	17°♑50'30	1.36110 AU
superior conj	-2264 Feb 06 j 03:57	28°♑49'27	-1°-32'-6
minimum elong	-2264 Feb 06 j 07:24	29°♑06'44	1°31'45
	-2264 Feb 06 j 18:00	0°♒	
evening rise	-2264 Feb 14 j 05:17	15°♒13'23	
asc. node	-2264 Feb 16 j 15:06	20°♒03'38	
	-2264 Feb 21 j 22:01	0°♓	
evening max el	-2264 Mar 03 j 00:01	13°♓54'34	19°58'32
retrograde	-2264 Mar 13 j 02:37	18°♓43'49	
evening set	-2264 Mar 15 j 07:50	18°♓30'55	
inferior conj	-2264 Mar 24 j 02:15	14°♓30'16	1°18'46
minimum elong	-2264 Mar 24 j 05:31	14°♓25'17	1°17'40
min. Earth dist.	-2264 Mar 26 j 04:56	13°♓13'09	0.55671 AU
desc. node	-2264 Mar 28 j 20:54	11°♓43'00	
morning rise	-2264 Apr 02 j 00:17	10°♓00'32	
direct	-2264 Apr 06 j 00:33	9°♓25'07	
morning max el	-2264 Apr 19 j 19:58	16°♓16'45	24°00'06
	-2264 Apr 30 j 19:01	0°♈	
morning set	-2264 May 14 j 05:45	24°♈48'19	
asc. node	-2264 May 14 j 14:28	25°♈34'13	
	-2264 May 16 j 16:27	0°♉	
superior conj	-2264 May 21 j 08:07	10°♉02'30	1°05'24
minimum elong	-2264 May 21 j 05:42	9°♉49'28	1°05'01
max. Earth dist.	-2264 May 23 j 05:45	14°♉07'17	1.33396 AU
evening rise	-2264 May 28 j 19:16	25°♉41'06	
	-2264 May 30 j 23:28	0°♊	
	-2264 Jun 17 j 15:23	0°♋	
desc. node	-2264 Jun 24 j 20:01	9°♋33'45	
evening max el	-2264 Jul 01 j 03:10	16°♋25'19	27°25'11
retrograde	-2264 Jul 14 j 19:12	23°♋47'17	
evening set	-2264 Jul 21 j 23:25	21°♋08'00	
min. Earth dist.	-2264 Jul 25 j 14:04	17°♋57'49	0.63537 AU
inferior conj	-2264 Jul 28 j 05:18	15°♋16'35	-3°-45'-1
minimum elong	-2264 Jul 28 j 09:27	15°♋05'59	3°44'02
morning rise	-2264 Aug 03 j 21:31	9°♋58'35	
direct	-2264 Aug 06 j 11:07	9°♋26'27	
asc. node	-2264 Aug 10 j 13:43	10°♋49'11	
morning max el	-2264 Aug 13 j 00:32	12°♋51'25	17°56'20
	-2264 Aug 24 j 17:59	0°♌	
morning set	-2264 Aug 29 j 19:32	8°♌47'05	
superior conj	-2264 Sep 11 j 02:57	29°♌44'56	1°00'12
minimum elong	-2264 Sep 11 j 08:20	0°♍07'09	0°59'35
	-2264 Sep 11 j 06:36	0°♍	
max. Earth dist.	-2264 Sep 17 j 04:15	9°♍36'07	1.43861 AU
desc. node	-2264 Sep 20 j 19:26	15°♍22'56	
evening rise	-2264 Sep 27 j 00:54	25°♍06'25	
	-2264 Sep 30 j 05:17	0°♎	
greatest brilliancy	-2264 Oct 19 j 17:19	28°♎27'10	-0.5m
	-2264 Oct 20 j 21:59	0°♏	
evening max el	-2264 Oct 25 j 14:05	5°♏26'34	20°43'45
retrograde	-2264 Nov 02 j 18:57	10°♏17'46	
evening set	-2264 Nov 06 j 14:53	8°♏53'37	
asc. node	-2264 Nov 06 j 12:52	8°♏57'18	
inferior conj	-2264 Nov 12 j 01:47	2°♏42'16	1°49'24
minimum elong	-2264 Nov 11 j 23:30	2°♏50'04	1°48'31
min. Earth dist.	-2264 Nov 12 j 15:14	1°♏56'28	0.67084 AU
	-2264 Nov 14 j 02:14	30°℞♎	
morning rise	-2264 Nov 17 j 07:41	26°♎25'53	
direct	-2264 Nov 22 j 17:16	24°♎05'46	
	-2264 Dec 03 j 02:17	0°♏	
morning max el	-2264 Dec 03 j 19:38	0°♏42'58	24°16'08
desc. node	-2264 Dec 17 j 18:52	18°♏01'49	
	-2264 Dec 25 j 22:57	0°♐	
morning set	-2263 Jan 08 j 14:10	22°♐11'02	
max. Earth dist.	-2263 Jan 12 j 10:06	28°♐57'01	1.38033 AU
	-2263 Jan 13 j 00:04	0°♑	
superior conj	-2263 Jan 19 j 10:02	11°♑57'43	-1°-48'-50
minimum elong	-2263 Jan 19 j 12:56	12°♑11'34	1°48'43
evening rise	-2263 Jan 28 j 04:38	29°♑10'35	
	-2263 Jan 28 j 14:40	0°♒	
asc. node	-2263 Feb 02 j 12:09	9°♒24'11	
evening max el	-2263 Feb 13 j 19:40	25°♒59'32	19°02'03
	-2263 Feb 21 j 00:27	0°♓	
retrograde	-2263 Feb 22 j 09:03	0°♓06'03	
	-2263 Feb 23 j 18:10	30°℞♒	
evening set	-2263 Feb 24 j 16:40	29°♒49'14	
inferior conj	-2263 Mar 04 j 17:39	25°♒34'30	2°46'44

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2263 Mar 04 j 22:21	25°♒26'14	2°45'32
min. Earth dist.	-2263 Mar 07 j 20:41	23°♒23'55	0.57059 AU
morning rise	-2263 Mar 13 j 00:01	20°♒33'01	
desc. node	-2263 Mar 15 j 17:59	19°♒43'25	
direct	-2263 Mar 18 j 04:49	19°♒29'00	
morning max el	-2263 Apr 01 j 11:02	26°♒51'01	25°35'19
	-2263 Apr 04 j 11:35	0°♓	
	-2263 Apr 23 j 21:29	0°♈	
morning set	-2263 Apr 28 j 17:44	9°♈49'04	
asc. node	-2263 May 01 j 11:31	15°♈39'41	
superior conj	-2263 May 05 j 18:42	25°♈01'18	0°43'51
minimum elong	-2263 May 05 j 16:53	24°♈51'27	0°43'30
max. Earth dist.	-2263 May 06 j 15:27	26°♈54'27	1.32764 AU
	-2263 May 08 j 01:38	0°♉	
evening rise	-2263 May 12 j 22:24	10°♉18'10	
	-2263 May 23 j 06:41	0°♊	
desc. node	-2263 Jun 11 j 17:04	27°♊17'09	
evening max el	-2263 Jun 13 j 09:58	28°♊58'48	27°11'01
	-2263 Jun 14 j 12:23	0°♋	
retrograde	-2263 Jun 27 j 07:54	6°♋19'21	
evening set	-2263 Jul 04 j 08:57	4°♋01'23	
min. Earth dist.	-2263 Jul 07 j 23:47	1°♋14'39	0.61691 AU
	-2263 Jul 09 j 09:18	30°℞♊	
inferior conj	-2263 Jul 11 j 02:52	28°♊25'05	-4°-17'-2
minimum elong	-2263 Jul 11 j 05:55	28°♊18'11	4°16'37
morning rise	-2263 Jul 18 j 05:40	23°♊27'39	
direct	-2263 Jul 20 j 17:11	23°♊01'30	
morning max el	-2263 Jul 27 j 14:44	26°♊28'27	17°58'25
asc. node	-2263 Jul 28 j 10:47	27°♊19'44	
	-2263 Jul 30 j 16:23	0°♋	
morning set	-2263 Aug 12 j 15:00	21°♋37'48	
	-2263 Aug 17 j 05:31	0°♌	
superior conj	-2263 Aug 23 j 05:55	10°♌39'39	1°29'03
minimum elong	-2263 Aug 23 j 10:31	10°♌59'35	1°28'40
max. Earth dist.	-2263 Aug 30 j 15:25	23°♌10'37	1.42409 AU
	-2263 Sep 03 j 20:08	0°♍	
evening rise	-2263 Sep 06 j 10:13	4°♍06'58	
desc. node	-2263 Sep 07 j 16:25	6°♍05'46	
	-2263 Sep 23 j 15:07	0°♎	
greatest brilliancy	-2263 Oct 03 j 14:58	13°♎26'57	-0.4m
evening max el	-2263 Oct 08 j 09:54	18°♎53'08	21°57'08
retrograde	-2263 Oct 17 j 15:07	24°♎22'00	
evening set	-2263 Oct 21 j 22:49	22°♎40'20	
asc. node	-2263 Oct 24 j 09:55	20°♎12'23	
inferior conj	-2263 Oct 27 j 08:00	16°♎21'57	0°59'36
minimum elong	-2263 Oct 27 j 06:39	16°♎26'36	0°59'02
min. Earth dist.	-2263 Oct 27 j 10:39	16°♎12'46	0.67447 AU
morning rise	-2263 Nov 01 j 14:15	10°♎05'56	
direct	-2263 Nov 06 j 08:34	8°♎07'26	
morning max el	-2263 Nov 16 j 05:47	14°♎00'33	22°49'00
greatest brilliancy	-2263 Nov 20 j 23:35	19°♎19'46	-0.3m
	-2263 Nov 29 j 02:33	0°♏	
desc. node	-2263 Dec 04 j 15:53	7°♏56'53	
	-2263 Dec 18 j 22:06	0°♐	
morning set	-2263 Dec 20 j 08:42	2°♐21'39	
max. Earth dist.	-2263 Dec 25 j 05:43	10°♐32'37	1.40125 AU
superior conj	-2262 Jan 02 j 00:07	24°♐15'38	-1°-57'-35
minimum elong	-2262 Jan 02 j 00:56	24°♐19'23	1°57'38
	-2262 Jan 05 j 02:52	0°♑	
evening rise	-2262 Jan 11 j 18:49	12°♑35'49	
asc. node	-2262 Jan 20 j 09:11	28°♑16'48	
	-2262 Jan 21 j 10:29	0°♒	
evening max el	-2262 Jan 27 j 23:50	8°♒36'06	18°25'34
retrograde	-2262 Feb 04 j 10:01	12°♒15'12	
evening set	-2262 Feb 06 j 21:30	11°♒52'00	
inferior conj	-2262 Feb 14 j 05:42	7°♒16'53	3°37'58
minimum elong	-2262 Feb 14 j 08:43	7°♒10'44	3°37'32
min. Earth dist.	-2262 Feb 17 j 15:42	4°♒30'49	0.58959 AU
morning rise	-2262 Feb 21 j 16:21	1°♒49'43	
direct	-2262 Feb 27 j 22:30	0°♒07'32	
desc. node	-2262 Mar 02 j 15:03	0°♒25'59	
morning max el	-2262 Mar 14 j 05:24	7°♒45'03	26°50'57
	-2262 Mar 30 j 23:23	0°♓	
morning set	-2262 Apr 13 j 04:05	24°♓44'01	
	-2262 Apr 15 j 15:46	0°♈	
asc. node	-2262 Apr 18 j 08:34	5°♈50'56	
superior conj	-2262 Apr 20 j 06:25	10°♈01'59	0°20'02
minimum elong	-2262 Apr 20 j 05:32	9°♈57'09	0°19'51
max. Earth dist.	-2262 Apr 20 j 04:20	9°♈50'32	1.32489 AU
evening rise	-2262 Apr 27 j 06:27	25°♈08'50	
	-2262 Apr 29 j 15:00	0°♉	
	-2262 May 17 j 04:51	0°♊	
evening max el	-2262 May 26 j 11:06	10°♊50'52	26°24'09
desc. node	-2262 May 29 j 14:07	13°♊34'11	
retrograde	-2262 Jun 09 j 12:30	18°♊07'32	
evening set	-2262 Jun 15 j 22:42	16°♊23'46	
min. Earth dist.	-2262 Jun 20 j 00:18	13°♊44'29	0.59654 AU
inferior conj	-2262 Jun 23 j 08:58	11°♊05'50	-4°-30'-27
minimum elong	-2262 Jun 23 j 09:14	11°♊05'19	4°30'26
morning rise	-2262 Jun 30 j 23:14	6°♊30'34	
direct	-2262 Jul 03 j 10:35	6°♊08'37	
morning max el	-2262 Jul 11 j 00:53	9°♊47'59	18°20'01
asc. node	-2262 Jul 15 j 07:50	14°♊52'53	
	-2262 Jul 24 j 06:58	0°♋	
morning set	-2262 Jul 27 j 00:56	5°♋11'34	
superior conj	-2262 Aug 05 j 09:40	22°♋48'24	1°44'22
minimum elong	-2262 Aug 05 j 11:52	22°♋58'29	1°44'19
	-2262 Aug 09 j 09:32	0°♌	
max. Earth dist.	-2262 Aug 12 j 21:11	6°♌04'32	1.40573 AU
evening rise	-2262 Aug 17 j 15:14	14°♌03'59	
desc. node	-2262 Aug 25 j 13:24	26°♌42'19	
	-2262 Aug 27 j 17:01	0°♍	
greatest brilliancy	-2262 Sep 14 j 18:45	25°♍16'32	-0.2m
	-2262 Sep 18 j 19:10	0°♎	
evening max el	-2262 Sep 21 j 00:38	2°♎21'09	23°16'46
retrograde	-2262 Oct 01 j 08:25	8°♎27'38	
evening set	-2262 Oct 06 j 05:52	6°♎27'01	
asc. node	-2262 Oct 11 j 06:58	0°♎32'08	
inferior conj	-2262 Oct 11 j 14:47	0°♎05'19	0°06'44
minimum elong	-2262 Oct 11 j 14:37	0°♎05'52	0°06'40
transit middle	-2262 Oct 11 j 14:37	0°♎05'52	0°06'40
transit begin	-2262 Oct 11 j 12:09	0°♎14'21	
transit end	-2262 Oct 11 j 17:05	29°♍57'23	
min. Earth dist.	-2262 Oct 11 j 07:10	0°♎31'27	0.67509 AU
	-2262 Oct 11 j 16:20	30°℞♍	
morning rise	-2262 Oct 16 j 23:24	23°♍52'35	
direct	-2262 Oct 21 j 03:30	22°♍15'59	
morning max el	-2262 Oct 29 j 20:49	27°♍24'12	21°25'51
	-2262 Nov 01 j 06:13	0°♎	
greatest brilliancy	-2262 Nov 04 j 01:21	3°♎22'45	-0.4m
desc. node	-2262 Nov 21 j 12:51	28°♎11'14	
	-2262 Nov 22 j 17:31	0°♏	
morning set	-2262 Nov 29 j 22:38	11°♏10'40	
max. Earth dist.	-2262 Dec 07 j 07:12	23°♏01'41	1.42103 AU
	-2262 Dec 11 j 11:34	0°♐	
superior conj	-2262 Dec 14 j 16:34	5°♐28'43	-1°-54'-23
minimum elong	-2262 Dec 14 j 13:38	5°♐16'03	1°54'19
evening rise	-2262 Dec 25 j 20:13	25°♐20'29	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2262 Dec 28 j 09:46	0°♉	
asc. node	-2261 Jan 07 j 06:13	16°♉31'58	
evening max el	-2261 Jan 11 j 09:30	21°♉34'38	18°09'03
retrograde	-2261 Jan 18 j 03:51	25°♉02'00	
evening set	-2261 Jan 20 j 18:50	24°♉31'10	
inferior conj	-2261 Jan 27 j 13:05	19°♉33'54	3°57'04
minimum elong	-2261 Jan 27 j 13:31	19°♉32'52	3°57'00
min. Earth dist.	-2261 Jan 30 j 16:46	16°♉36'39	0.61012 AU
morning rise	-2261 Feb 03 j 05:34	13°♉48'57	
direct	-2261 Feb 10 j 02:40	11°♉31'09	
desc. node	-2261 Feb 17 j 12:05	13°♉51'41	
morning max el	-2261 Feb 24 j 05:50	19°♉15'53	27°35'23
	-2261 Mar 05 j 09:16	0°♒	
	-2261 Mar 23 j 17:08	0°♓	
morning set	-2261 Mar 28 j 10:57	9°♓26'25	
max. Earth dist.	-2261 Apr 03 j 16:47	22°♓42'49	1.32560 AU
superior conj	-2261 Apr 04 j 17:38	24°♓58'20	0°-5'-15
minimum elong	-2261 Apr 04 j 17:53	24°♓59'39	0°05'12
behind sun begin	-2261 Apr 04 j 13:05	24°♓33'26	
behind sun end	-2261 Apr 04 j 22:41	25°♓25'52	
asc. node	-2261 Apr 05 j 05:35	26°♓03'36	
	-2261 Apr 07 j 00:51	0°♈	
evening rise	-2261 Apr 11 j 17:17	10°♈05'20	
	-2261 Apr 22 j 00:39	0°♉	
evening max el	-2261 May 08 j 05:55	22°♉01'13	25°09'19
desc. node	-2261 May 16 j 11:09	27°♉51'30	
retrograde	-2261 May 22 j 06:44	29°♉09'41	
evening set	-2261 May 27 j 14:07	28°♉04'36	
min. Earth dist.	-2261 Jun 01 j 17:54	25°♉15'54	0.57672 AU
inferior conj	-2261 Jun 04 j 20:15	23°♉09'27	-4°-14'-56
minimum elong	-2261 Jun 04 j 16:30	23°♉15'52	4°14'28
morning rise	-2261 Jun 12 j 22:49	18°♉55'39	
direct	-2261 Jun 15 j 11:07	18°♉36'49	
morning max el	-2261 Jun 24 j 04:06	22°♉41'14	19°02'04
	-2261 Jun 30 j 03:16	0°♊	
asc. node	-2261 Jul 02 j 04:53	3°♊14'46	
morning set	-2261 Jul 10 j 21:14	19°♊17'55	
	-2261 Jul 16 j 07:18	0°♋	
superior conj	-2261 Jul 19 j 08:34	5°♋56'00	1°48'26
minimum elong	-2261 Jul 19 j 08:29	5°♋55'36	1°48'30
max. Earth dist.	-2261 Jul 25 j 23:56	18°♋19'14	1.38595 AU
evening rise	-2261 Jul 29 j 21:59	25°♋15'15	
	-2261 Aug 01 j 16:38	0°♌	
desc. node	-2261 Aug 12 j 10:26	17°♌08'28	
	-2261 Aug 21 j 08:48	0°♍	
evening max el	-2261 Sep 03 j 12:26	15°♍52'43	24°36'18
retrograde	-2261 Sep 14 j 21:58	22°♍32'08	
evening set	-2261 Sep 20 j 10:21	20°♍12'43	
min. Earth dist.	-2261 Sep 25 j 02:23	14°♍51'46	0.67263 AU
inferior conj	-2261 Sep 25 j 20:30	13°♍51'18	0°-47'-31
minimum elong	-2261 Sep 25 j 21:39	13°♍47'29	0°47'03
asc. node	-2261 Sep 28 j 04:00	10°♍52'48	
morning rise	-2261 Oct 01 j 09:17	7°♍44'55	
direct	-2261 Oct 05 j 00:51	6°♍28'21	
morning max el	-2261 Oct 12 j 19:13	10°♍58'06	20°12'50
greatest brilliancy	-2261 Oct 19 j 16:47	19°♍21'50	-0.6m
	-2261 Oct 27 j 02:59	0°♎	
desc. node	-2261 Nov 08 j 09:52	18°♎39'45	
morning set	-2261 Nov 08 j 20:24	19°♎20'26	
	-2261 Nov 15 j 16:07	0°♏	
max. Earth dist.	-2261 Nov 19 j 16:47	6°♏24'21	1.43683 AU
superior conj	-2261 Nov 25 j 06:35	15°♏26'40	-1°-35'-12
minimum elong	-2261 Nov 24 j 23:44	14°♏58'35	1°34'40
	-2261 Dec 03 j 23:05	0°♐	

evening rise	-2261 Dec 08 j 04:45	7°♐17'18	
	-2261 Dec 21 j 23:17	0°♑	
asc. node	-2261 Dec 25 j 03:14	3°♑58'50	
evening max el	-2261 Dec 25 j 21:46	4°♑47'42	18°11'52
retrograde	-2260 Jan 01 j 10:20	8°♑16'29	
evening set	-2260 Jan 04 j 04:55	7°♑37'10	
inferior conj	-2260 Jan 10 j 12:14	2°♑18'51	3°52'16
minimum elong	-2260 Jan 10 j 10:38	2°♑23'06	3°52'04
	-2260 Jan 12 j 16:15	30°℞♐	
min. Earth dist.	-2260 Jan 13 j 02:48	29°♐32'35	0.62935 AU
morning rise	-2260 Jan 16 j 14:33	26°♐21'32	
direct	-2260 Jan 23 j 15:21	23°♐39'48	
desc. node	-2260 Feb 04 j 09:08	29°♐28'07	
	-2260 Feb 04 j 23:18	0°♑	
morning max el	-2260 Feb 06 j 11:58	1°♑27'20	27°43'23
	-2260 Feb 27 j 13:06	0°♒	
morning set	-2260 Mar 11 j 12:07	23°♒48'21	
	-2260 Mar 14 j 12:41	0°♓	
max. Earth dist.	-2260 Mar 17 j 00:47	5°♓16'50	1.32999 AU
superior conj	-2260 Mar 19 j 02:39	9°♓44'12	0°-31'-5
minimum elong	-2260 Mar 19 j 04:05	9°♓51'56	0°30'48
asc. node	-2260 Mar 22 j 02:37	16°♓13'23	
evening rise	-2260 Mar 26 j 05:02	25°♓00'27	
	-2260 Mar 28 j 14:46	0°♈	
	-2260 Apr 16 j 06:11	0°♉	
evening max el	-2260 Apr 18 j 21:11	2°♉43'41	23°37'46
desc. node	-2260 May 02 j 08:13	9°♉32'38	
retrograde	-2260 May 02 j 12:48	9°♉32'43	
evening set	-2260 May 06 j 10:55	8°♉58'49	
min. Earth dist.	-2260 May 13 j 07:59	5°♉46'55	0.56071 AU
inferior conj	-2260 May 15 j 11:23	4°♉29'43	-3°-19'-40
minimum elong	-2260 May 15 j 04:56	4°♉39'28	3°18'05
morning rise	-2260 May 24 j 02:33	0°♉31'33	
direct	-2260 May 26 j 16:27	0°♉14'50	
morning max el	-2260 Jun 05 j 21:49	4°♉58'50	20°04'47
asc. node	-2260 Jun 18 j 01:56	22°♉13'23	
	-2260 Jun 22 j 03:21	0°♊	
morning set	-2260 Jun 24 j 00:44	3°♊47'38	
superior conj	-2260 Jul 01 j 21:17	19°♊46'33	1°43'49
minimum elong	-2260 Jul 01 j 19:38	19°♊38'16	1°43'47
max. Earth dist.	-2260 Jul 07 j 04:23	0°♋08'58	1.36721 AU
	-2260 Jul 07 j 02:30	0°♋	
evening rise	-2260 Jul 11 j 04:01	7°♋34'59	
	-2260 Jul 24 j 11:14	0°♌	
desc. node	-2260 Jul 29 j 07:28	7°♌17'54	
evening max el	-2260 Aug 15 j 23:23	29°♌26'10	25°48'24
	-2260 Aug 16 j 13:26	0°♍	
retrograde	-2260 Aug 28 j 07:07	6°♍30'01	
evening set	-2260 Sep 03 j 10:23	3°♍54'36	
	-2260 Sep 07 j 02:07	30°℞♌	
min. Earth dist.	-2260 Sep 07 j 17:57	29°♌10'37	0.66683 AU
inferior conj	-2260 Sep 08 j 23:21	27°♌37'05	-1°-41'-39
minimum elong	-2260 Sep 09 j 01:48	27°♌29'17	1°40'40
asc. node	-2260 Sep 14 j 01:04	22°♌08'47	
morning rise	-2260 Sep 14 j 17:56	21°♌40'04	
direct	-2260 Sep 17 j 23:06	20°♌40'23	
morning max el	-2260 Sep 25 j 00:56	24°♌40'58	19°13'34
	-2260 Sep 29 j 12:19	0°♍	
morning set	-2260 Oct 18 j 01:44	27°♍59'50	
	-2260 Oct 19 j 08:27	0°♎	
desc. node	-2260 Oct 25 j 06:55	9°♎17'43	
max. Earth dist.	-2260 Nov 01 j 08:06	20°♎22'43	1.44651 AU
superior conj	-2260 Nov 03 j 18:52	24°♎15'14	0°-58'-38
minimum elong	-2260 Nov 03 j 12:01	23°♎48'03	0°57'53

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2260 Nov 07 j 09:28	0°♏	
evening rise	-2260 Nov 18 j 16:00	18°♏18'11	
	-2260 Nov 25 j 18:32	0°♐	
evening max el	-2260 Dec 08 j 09:57	18°♐09'37	18°33'15
asc. node	-2260 Dec 11 j 00:15	20°♐24'13	
retrograde	-2260 Dec 15 j 01:06	21°♐50'39	
evening set	-2260 Dec 18 j 00:19	21°♐01'34	
inferior conj	-2260 Dec 23 j 23:21	15°♐24'36	3°30'45
minimum elong	-2260 Dec 23 j 20:39	15°♐32'35	3°30'12
min. Earth dist.	-2260 Dec 25 j 22:56	13°♐04'40	0.64563 AU
morning rise	-2260 Dec 29 j 15:42	9°♐18'38	
direct	-2259 Jan 05 j 11:24	6°♐27'45	
morning max el	-2259 Jan 18 j 21:16	14°♐11'25	27°16'21
desc. node	-2259 Jan 21 j 06:13	16°♐40'18	
	-2259 Jan 31 j 18:58	0°♑	
	-2259 Feb 19 j 03:47	0°♒	
morning set	-2259 Feb 23 j 04:44	7°♒40'39	
max. Earth dist.	-2259 Feb 28 j 00:19	17°♒20'05	1.33849 AU
superior conj	-2259 Mar 03 j 07:37	24°♒13'28	0°-56'-27
minimum elong	-2259 Mar 03 j 10:08	24°♒26'50	0°56'02
	-2259 Mar 06 j 00:55	0°♓	
asc. node	-2259 Mar 08 j 23:39	6°♓16'08	
evening rise	-2259 Mar 10 j 15:55	9°♓47'55	
	-2259 Mar 21 j 07:50	0°♈	
evening max el	-2259 Mar 31 j 15:23	13°♈26'37	22°03'55
retrograde	-2259 Apr 13 j 07:25	19°♈37'16	
evening set	-2259 Apr 16 j 02:02	19°♈20'10	
desc. node	-2259 Apr 19 j 05:16	18°♈23'20	
inferior conj	-2259 Apr 25 j 10:47	15°♈13'45	-1°-43'-21
minimum elong	-2259 Apr 25 j 06:08	15°♈20'18	1°41'48
min. Earth dist.	-2259 Apr 24 j 21:37	15°♈32'19	0.55183 AU
morning rise	-2259 May 04 j 11:44	11°♈17'01	
direct	-2259 May 07 j 06:53	10°♈59'28	
morning max el	-2259 May 19 j 04:44	16°♈35'13	21°26'33
	-2259 May 29 j 12:55	0°♉	
asc. node	-2259 Jun 04 j 23:02	11°♉39'47	
morning set	-2259 Jun 08 j 09:02	18°♉34'06	
	-2259 Jun 13 j 20:10	0°♊	
superior conj	-2259 Jun 15 j 19:41	4°♊07'58	1°32'37
minimum elong	-2259 Jun 15 j 17:14	3°♊55'15	1°32'25
max. Earth dist.	-2259 Jun 19 j 16:09	12°♊00'39	1.35140 AU
evening rise	-2259 Jun 24 j 04:21	20°♊50'24	
	-2259 Jun 29 j 03:27	0°♋	
desc. node	-2259 Jul 16 j 04:29	27°♋03'03	
	-2259 Jul 18 j 08:28	0°♌	
evening max el	-2259 Jul 29 j 10:49	12°♌57'10	26°45'07
retrograde	-2259 Aug 11 j 11:22	20°♌14'40	
evening set	-2259 Aug 18 j 03:45	17°♌29'40	
min. Earth dist.	-2259 Aug 22 j 03:31	13°♌23'51	0.65751 AU
inferior conj	-2259 Aug 23 j 21:22	11°♌19'33	-2°-33'-43
minimum elong	-2259 Aug 24 j 00:55	11°♌08'59	2°32'28
morning rise	-2259 Aug 29 j 23:16	5°♌34'59	
asc. node	-2259 Aug 31 j 22:10	4°♌53'25	
direct	-2259 Sep 01 j 20:27	4°♌48'36	
morning max el	-2259 Sep 08 j 12:16	8°♌28'57	18°30'00
	-2259 Sep 23 j 10:46	0°♍	
morning set	-2259 Sep 28 j 07:51	7°♍53'52	
desc. node	-2259 Oct 12 j 03:56	0°♎01'05	
	-2259 Oct 12 j 03:39	0°♎	
superior conj	-2259 Oct 13 j 18:43	2°♎34'06	0°-10'-24
minimum elong	-2259 Oct 13 j 17:21	2°♎28'40	0°10'14
behind sun begin	-2259 Oct 13 j 08:26	1°♎53'32	
behind sun end	-2259 Oct 14 j 02:15	3°♎03'48	
max. Earth dist.	-2259 Oct 15 j 02:01	4°♎37'20	1.44909 AU
evening rise	-2259 Oct 30 j 02:52	28°♎17'04	
	-2259 Oct 31 j 04:56	0°♏	
greatest brilliancy	-2259 Nov 10 j 22:20	16°♏49'28	-0.7m
	-2259 Nov 20 j 08:50	0°♐	
evening max el	-2259 Nov 21 j 19:39	1°♐35'38	19°12'03
asc. node	-2259 Nov 27 j 21:19	5°♐32'32	
retrograde	-2259 Nov 28 j 20:29	5°♐37'47	
evening set	-2259 Dec 02 j 02:07	4°♐36'59	
	-2259 Dec 06 j 18:56	30℞♏	
inferior conj	-2259 Dec 07 j 19:02	28°♏44'19	2°57'32
minimum elong	-2259 Dec 07 j 16:01	28°♏53'52	2°56'40
min. Earth dist.	-2259 Dec 09 j 04:13	26°♏59'02	0.65832 AU
morning rise	-2259 Dec 13 j 05:03	22°♏32'28	
direct	-2259 Dec 19 j 13:50	19°♏46'09	
morning max el	-2258 Jan 01 j 06:51	27°♏14'22	26°20'27
	-2258 Jan 03 j 21:34	0°♐	
desc. node	-2258 Jan 08 j 03:16	4°♐59'39	
	-2258 Jan 25 j 10:36	0°♑	
morning set	-2258 Feb 06 j 08:50	20°♑50'12	
max. Earth dist.	-2258 Feb 10 j 12:12	28°♑46'40	1.35154 AU
	-2258 Feb 11 j 03:06	0°♒	
superior conj	-2258 Feb 15 j 06:07	8°♒18'09	-1°-20'-2
minimum elong	-2258 Feb 15 j 09:25	8°♒35'01	1°19'37
evening rise	-2258 Feb 23 j 00:00	24°♒20'34	
asc. node	-2258 Feb 23 j 20:41	26°♒06'33	
	-2258 Feb 25 j 18:59	0°♓	
evening max el	-2258 Mar 13 j 18:20	24°♓34'39	20°39'43
retrograde	-2258 Mar 24 j 20:43	29°♓53'03	
evening set	-2258 Mar 27 j 03:04	29°♓40'42	
inferior conj	-2258 Apr 05 j 05:51	25°♓43'23	0°14'24
minimum elong	-2258 Apr 05 j 06:31	25°♓42'25	0°14'09
transit middle	-2258 Apr 05 j 06:31	25°♓42'25	0°14'09
transit begin	-2258 Apr 05 j 04:41	25°♓45'04	
transit end	-2258 Apr 05 j 08:21	25°♓39'46	
desc. node	-2258 Apr 06 j 02:21	25°♓13'47	
min. Earth dist.	-2258 Apr 06 j 11:38	25°♓00'24	0.55223 AU
morning rise	-2258 Apr 14 j 08:18	21°♓29'36	
direct	-2258 Apr 17 j 18:50	21°♓03'53	
morning max el	-2258 May 01 j 01:39	27°♓31'41	23°02'24
	-2258 May 03 j 11:53	0°♈	
	-2258 May 22 j 03:23	0°♉	
asc. node	-2258 May 22 j 20:06	1°♉25'55	
morning set	-2258 May 23 j 20:08	3°♉30'43	
superior conj	-2258 May 31 j 00:38	18°♉49'54	1°16'27
minimum elong	-2258 May 30 j 22:03	18°♉36'07	1°16'07
max. Earth dist.	-2258 Jun 02 j 13:55	24°♉13'54	1.33924 AU
	-2258 Jun 05 j 08:53	0°♊	
evening rise	-2258 Jun 07 j 18:03	4°♊47'00	
	-2258 Jun 21 j 20:26	0°♋	
desc. node	-2258 Jul 03 j 01:30	16°♋13'42	
evening max el	-2258 Jul 11 j 22:17	26°♋16'49	27°18'53
	-2258 Jul 16 j 07:19	0°♌	
retrograde	-2258 Jul 25 j 10:06	3°♌38'37	
evening set	-2258 Aug 01 j 11:40	0°♌53'55	
	-2258 Aug 02 j 13:38	30℞♋	
min. Earth dist.	-2258 Aug 05 j 04:58	27°♋24'45	0.64448 AU
inferior conj	-2258 Aug 07 j 12:15	24°♋54'45	-3°-21'-11
minimum elong	-2258 Aug 07 j 16:25	24°♋43'23	3°19'59
morning rise	-2258 Aug 13 j 22:51	19°♋25'50	
direct	-2258 Aug 16 j 14:30	18°♋49'18	
asc. node	-2258 Aug 18 j 19:17	19°♋14'28	
morning max el	-2258 Aug 23 j 02:51	22°♋17'41	18°03'27
	-2258 Aug 29 j 02:36	0°♌	
morning set	-2258 Sep 09 j 17:45	19°♌08'45	
	-2258 Sep 16 j 04:53	0°♍	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2258 Sep 23 j 04:33	11°♍26'23	0°37'17
minimum elong	-2258 Sep 23 j 08:41	11°♍43'03	0°36'46
max. Earth dist.	-2258 Sep 27 j 19:48	18°♍51'37	1.44442 AU
desc. node	-2258 Sep 29 j 00:55	20°♍46'59	
	-2258 Oct 04 j 21:52	0°♎	
evening rise	-2258 Oct 09 j 16:20	7°♎23'53	
	-2258 Oct 24 j 13:41	0°♏	
greatest brilliancy	-2258 Oct 29 j 02:14	6°♏28'06	-0.6m
evening max el	-2258 Nov 05 j 00:52	15°♏03'18	20°06'27
retrograde	-2258 Nov 12 j 17:46	19°♏34'20	
asc. node	-2258 Nov 14 j 18:23	19°♏10'40	
evening set	-2258 Nov 16 j 07:53	18°♏19'24	
inferior conj	-2258 Nov 21 j 20:32	12°♏14'04	2°16'04
minimum elong	-2258 Nov 21 j 17:50	12°♏23'02	2°15'06
min. Earth dist.	-2258 Nov 22 j 16:45	11°♏06'32	0.66734 AU
morning rise	-2258 Nov 27 j 03:13	5°♏58'50	
direct	-2258 Dec 02 j 21:47	3°♏27'14	
morning max el	-2258 Dec 14 j 15:28	10°♏25'58	25°04'42
desc. node	-2258 Dec 26 j 00:19	24°♏06'40	
	-2258 Dec 30 j 05:46	0°♐	
	-2257 Jan 18 j 02:06	0°♑	
morning set	-2257 Jan 19 j 19:20	3°♑02'32	
max. Earth dist.	-2257 Jan 23 j 13:02	9°♑51'06	1.36894 AU
superior conj	-2257 Jan 29 j 19:17	21°♑50'13	-1°-39'-58
minimum elong	-2257 Jan 29 j 22:39	22°♑06'46	1°39'43
	-2257 Feb 02 j 21:32	0°♒	
evening rise	-2257 Feb 07 j 03:13	8°♒32'43	
asc. node	-2257 Feb 10 j 17:42	15°♒39'42	
	-2257 Feb 19 j 02:04	0°♓	
evening max el	-2257 Feb 24 j 08:07	6°♓18'58	19°32'06
retrograde	-2257 Mar 05 j 17:35	10°♓47'45	
evening set	-2257 Mar 07 j 23:37	10°♓33'29	
inferior conj	-2257 Mar 16 j 10:49	6°♓28'12	2°00'24
minimum elong	-2257 Mar 16 j 15:12	6°♓21'08	1°59'04
min. Earth dist.	-2257 Mar 19 j 02:10	4°♓46'48	0.56183 AU
desc. node	-2257 Mar 23 j 23:25	2°♓10'50	
morning rise	-2257 Mar 25 j 03:11	1°♓45'04	
direct	-2257 Mar 29 j 15:40	0°♓58'57	
morning max el	-2257 Apr 12 j 16:48	8°♓05'13	24°42'03
	-2257 Apr 28 j 18:37	0°♈	
morning set	-2257 May 08 j 08:15	18°♈31'34	
asc. node	-2257 May 09 j 17:08	21°♈25'41	
	-2257 May 13 j 16:25	0°♉	
superior conj	-2257 May 15 j 09:41	3°♉44'16	0°56'35
minimum elong	-2257 May 15 j 07:29	3°♉32'18	0°56'12
max. Earth dist.	-2257 May 16 j 20:16	6°♉51'17	1.33085 AU
evening rise	-2257 May 22 j 17:10	19°♉12'15	
	-2257 May 28 j 05:33	0°♊	
	-2257 Jun 16 j 04:04	0°♋	
desc. node	-2257 Jun 19 j 22:33	4°♋34'48	
evening max el	-2257 Jun 24 j 07:42	9°♋11'20	27°23'20
retrograde	-2257 Jul 08 j 02:26	16°♋32'12	
evening set	-2257 Jul 15 j 06:32	14°♋00'36	
min. Earth dist.	-2257 Jul 18 j 20:32	11°♋01'50	0.62785 AU
inferior conj	-2257 Jul 21 j 17:05	8°♋15'26	-4°00'-22
minimum elong	-2257 Jul 21 j 20:57	8°♋06'02	3°59'36
morning rise	-2257 Jul 28 j 13:38	3°♋05'35	
direct	-2257 Jul 31 j 02:10	2°♋36'08	
asc. node	-2257 Aug 05 j 16:22	5°♋02'04	
morning max el	-2257 Aug 06 j 17:58	6°♋00'46	17°54'52
	-2257 Aug 22 j 06:31	0°♌	
morning set	-2257 Aug 23 j 02:40	1°♌29'32	
superior conj	-2257 Sep 03 j 15:32	21°♌33'42	1°14'10
minimum elong	-2257 Sep 03 j 20:56	21°♌56'28	1°13'37
	-2257 Sep 08 j 17:27	0°♍	
max. Earth dist.	-2257 Sep 10 j 10:36	2°♍47'33	1.43312 AU
desc. node	-2257 Sep 15 j 21:55	11°♍31'58	
evening rise	-2257 Sep 18 j 21:39	16°♍12'37	
	-2257 Sep 27 j 22:40	0°♎	
greatest brilliancy	-2257 Oct 13 j 17:52	22°♎22'40	-0.4m
evening max el	-2257 Oct 19 j 00:14	28°♎30'19	21°13'50
	-2257 Oct 20 j 13:18	0°♏	
retrograde	-2257 Oct 27 j 14:45	3°♏36'35	
evening set	-2257 Oct 31 j 15:33	2°♏05'05	
asc. node	-2257 Nov 01 j 15:27	1°♏14'02	
	-2257 Nov 02 j 20:00	30°℞♎	
inferior conj	-2257 Nov 06 j 01:33	25°♎50'27	1°28'45
minimum elong	-2257 Nov 05 j 23:37	25°♎57'03	1°27'57
min. Earth dist.	-2257 Nov 06 j 10:15	25°♎20'31	0.67288 AU
morning rise	-2257 Nov 11 j 07:22	19°♎34'08	
direct	-2257 Nov 16 j 10:27	17°♎23'04	
morning max el	-2257 Nov 27 j 00:16	23°♎41'15	23°39'00
	-2257 Dec 02 j 14:33	0°♏	
desc. node	-2257 Dec 12 j 21:20	13°♏46'55	
	-2257 Dec 23 j 16:08	0°♐	
morning set	-2256 Jan 01 j 05:59	14°♐00'50	
max. Earth dist.	-2256 Jan 05 j 08:42	21°♐07'07	1.38926 AU
	-2256 Jan 10 j 07:10	0°♑	
superior conj	-2256 Jan 12 j 19:08	4°♑38'39	-1°-53'-45
minimum elong	-2256 Jan 12 j 21:22	4°♑49'05	1°53'43
evening rise	-2256 Jan 21 j 23:01	22°♑17'15	
	-2256 Jan 25 j 23:31	0°♒	
asc. node	-2256 Jan 28 j 14:44	4°♒49'20	
evening max el	-2256 Feb 07 j 07:40	18°♒38'05	18°44'01
retrograde	-2256 Feb 15 j 07:58	22°♒31'03	
evening set	-2256 Feb 17 j 17:20	22°♒11'38	
inferior conj	-2256 Feb 25 j 10:49	17°♒48'16	3°12'56
minimum elong	-2256 Feb 25 j 15:04	17°♒40'19	3°12'02
min. Earth dist.	-2256 Feb 28 j 18:39	15°♒20'09	0.57826 AU
morning rise	-2256 Mar 04 j 08:56	12°♒35'05	
desc. node	-2256 Mar 09 j 20:28	11°♒15'45	
direct	-2256 Mar 10 j 01:26	11°♒15'38	
morning max el	-2256 Mar 24 j 08:40	18°♒44'49	26°10'53
	-2256 Apr 02 j 19:28	0°♓	
	-2256 Apr 20 j 03:01	0°♈	
morning set	-2256 Apr 21 j 19:45	3°♈31'05	
asc. node	-2256 Apr 25 j 14:09	11°♈34'22	
superior conj	-2256 Apr 28 j 20:57	18°♈44'48	0°33'58
minimum elong	-2256 Apr 28 j 19:30	18°♈36'53	0°33'41
max. Earth dist.	-2256 Apr 29 j 07:59	19°♈45'13	1.32603 AU
	-2256 May 04 j 01:40	0°♉	
evening rise	-2256 May 05 j 22:41	3°♉56'26	
	-2256 May 20 j 00:28	0°♊	
evening max el	-2256 Jun 05 j 12:21	21°♊28'23	26°54'59
desc. node	-2256 Jun 05 j 19:35	21°♊45'31	
retrograde	-2256 Jun 19 j 11:38	28°♊47'03	
evening set	-2256 Jun 26 j 08:10	26°♊42'12	
min. Earth dist.	-2256 Jun 30 j 01:53	24°♊01'08	0.60839 AU
inferior conj	-2256 Jul 03 j 08:31	21°♊13'40	-4°-25'-33
minimum elong	-2256 Jul 03 j 10:36	21°♊09'13	4°25'22
morning rise	-2256 Jul 10 j 16:05	16°♊25'39	
direct	-2256 Jul 13 j 03:30	16°♊01'19	
morning max el	-2256 Jul 20 j 06:49	19°♊31'46	18°05'14
asc. node	-2256 Jul 22 j 13:25	22°♊01'24	
	-2256 Jul 28 j 00:26	0°♋	
morning set	-2256 Aug 05 j 04:54	14°♋40'38	
	-2256 Aug 13 j 12:56	0°♌	
superior conj	-2256 Aug 15 j 05:46	3°♌02'26	1°37'04

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2256 Aug 15 j 09:24	3°♌18'36	1°36'52
max. Earth dist.	-2256 Aug 22 j 19:56	16°♌08'01	1.41666 AU
evening rise	-2256 Aug 28 j 13:55	25°♌33'24	
	-2256 Aug 31 j 09:00	0°♍	
desc. node	-2256 Sep 01 j 18:55	2°♍12'53	
	-2256 Sep 20 j 19:40	0°♎	
greatest brilliancy	-2256 Sep 25 j 23:06	6°♎35'44	-0.3m
evening max el	-2256 Sep 30 j 17:38	11°♎57'17	22°30'25
retrograde	-2256 Oct 10 j 09:53	17°♎42'20	
evening set	-2256 Oct 14 j 23:20	15°♎52'26	
asc. node	-2256 Oct 18 j 12:31	12°♎00'20	
inferior conj	-2256 Oct 20 j 08:13	9°♎32'01	0°37'27
minimum elong	-2256 Oct 20 j 07:21	9°♎35'01	0°37'04
min. Earth dist.	-2256 Oct 20 j 06:23	9°♎38'22	0.67518 AU
morning rise	-2256 Oct 25 j 15:16	3°♎17'14	
direct	-2256 Oct 30 j 03:17	1°♎28'25	
morning max el	-2256 Nov 08 j 12:18	7°♎01'52	22°12'41
greatest brilliancy	-2256 Nov 13 j 05:17	12°♎20'34	-0.4m
	-2256 Nov 26 j 03:39	0°♏	
desc. node	-2256 Nov 28 j 18:20	3°♏51'07	
morning set	-2256 Dec 11 j 11:58	23°♏35'07	
	-2256 Dec 15 j 10:07	0°♐	
max. Earth dist.	-2256 Dec 17 j 06:40	3°♐05'56	1.41002 AU
superior conj	-2256 Dec 25 j 00:41	16°♐30'27	-1°-57'-56
minimum elong	-2256 Dec 25 j 00:05	16°♐27'48	1°57'59
	-2255 Jan 01 j 10:13	0°♑	
evening rise	-2255 Jan 04 j 08:15	5°♑26'34	
asc. node	-2255 Jan 14 j 11:45	23°♑27'22	
	-2255 Jan 19 j 06:25	0°♒	
evening max el	-2255 Jan 20 j 14:27	1°♒24'41	18°16'05
retrograde	-2255 Jan 27 j 16:46	4°♒57'28	
evening set	-2255 Jan 30 j 05:38	4°♒31'14	
inferior conj	-2255 Feb 06 j 07:30	29°♑46'34	3°49'34
minimum elong	-2255 Feb 06 j 09:24	29°♑42'24	3°49'21
	-2255 Feb 06 j 01:19	30°℞♑	
min. Earth dist.	-2255 Feb 09 j 15:57	26°♑52'40	0.59825 AU
morning rise	-2255 Feb 13 j 09:57	24°♑10'37	
direct	-2255 Feb 19 j 23:38	22°♑12'32	
desc. node	-2255 Feb 24 j 17:31	23°♑10'24	
morning max el	-2255 Mar 06 j 05:46	29°♑54'20	27°14'18
	-2255 Mar 06 j 08:05	0°♒	
	-2255 Mar 27 j 16:41	0°♓	
morning set	-2255 Apr 06 j 04:52	18°♓21'54	
	-2255 Apr 11 j 15:36	0°♈	
asc. node	-2255 Apr 12 j 11:09	1°♈46'46	
superior conj	-2255 Apr 13 j 08:38	3°♈44'24	0°09'26
minimum elong	-2255 Apr 13 j 08:13	3°♈42'05	0°09'21
behind sun begin	-2255 Apr 13 j 04:09	3°♈19'49	
behind sun end	-2255 Apr 13 j 12:17	4°♈04'21	
max. Earth dist.	-2255 Apr 12 j 21:10	2°♈41'37	1.32470 AU
evening rise	-2255 Apr 20 j 08:08	18°♈50'19	
	-2255 Apr 25 j 20:56	0°♉	
	-2255 May 15 j 12:13	0°♊	
evening max el	-2255 May 18 j 10:23	3°♊00'54	25°55'11
desc. node	-2255 May 23 j 16:38	7°♊16'07	
retrograde	-2255 Jun 01 j 12:14	10°♊15'45	
evening set	-2255 Jun 07 j 12:29	8°♊48'10	
min. Earth dist.	-2255 Jun 11 j 22:54	6°♊07'00	0.58784 AU
inferior conj	-2255 Jun 15 j 06:53	3°♊39'11	-4°-28'-8
minimum elong	-2255 Jun 15 j 05:31	3°♊41'45	4°28'03
	-2255 Jun 21 j 00:13	30°℞♉	
morning rise	-2255 Jun 23 j 02:21	29°♉13'47	
direct	-2255 Jun 25 j 13:57	28°♉53'21	
	-2255 Jun 29 j 22:13	0°♊	
morning max el	-2255 Jul 03 j 14:25	2°♊41'28	18°35'28
asc. node	-2255 Jul 09 j 10:28	9°♊56'41	
morning set	-2255 Jul 19 j 19:38	28°♊28'57	
	-2255 Jul 20 j 14:27	0°♋	
superior conj	-2255 Jul 28 j 18:22	15°♋38'19	1°47'18
minimum elong	-2255 Jul 28 j 19:32	15°♋43'45	1°47'20
max. Earth dist.	-2255 Aug 04 j 23:31	28°♋42'35	1.39728 AU
	-2255 Aug 05 j 17:16	0°♌	
evening rise	-2255 Aug 09 j 05:41	6°♌01'03	
desc. node	-2255 Aug 19 j 15:56	22°♌45'40	
	-2255 Aug 24 j 11:44	0°♍	
evening max el	-2255 Sep 13 j 06:40	25°♍26'17	23°50'59
	-2255 Sep 18 j 18:23	0°♎	
retrograde	-2255 Sep 24 j 01:54	1°♎48'27	
	-2255 Sep 28 j 19:33	30°℞♍	
evening set	-2255 Sep 29 j 05:33	29°♍39'36	
min. Earth dist.	-2255 Oct 04 j 02:44	23°♍58'20	0.67437 AU
inferior conj	-2255 Oct 04 j 14:47	23°♍17'18	0°-16'-10
minimum elong	-2255 Oct 04 j 15:10	23°♍15'59	0°16'01
transit middle	-2255 Oct 04 j 15:10	23°♍15'59	0°16'01
transit begin	-2255 Oct 04 j 14:40	23°♍17'44	
transit end	-2255 Oct 04 j 15:41	23°♍14'14	
asc. node	-2255 Oct 05 j 09:35	22°♍13'40	
morning rise	-2255 Oct 10 j 00:58	17°♍06'48	
direct	-2255 Oct 13 j 23:22	15°♍39'13	
morning max el	-2255 Oct 22 j 06:27	20°♍30'36	20°53'18
greatest brilliancy	-2255 Oct 28 j 01:33	27°♍19'20	-0.5m
	-2255 Oct 30 j 02:01	0°♎	
desc. node	-2255 Nov 15 j 15:21	24°♎12'33	
	-2255 Nov 19 j 09:35	0°♏	
morning set	-2255 Nov 20 j 16:44	2°♏01'09	
max. Earth dist.	-2255 Nov 29 j 11:17	15°♏58'14	1.42834 AU
superior conj	-2255 Dec 06 j 06:25	27°♏13'09	-1°-48'-24
minimum elong	-2255 Dec 06 j 01:39	26°♏53'04	1°48'10
	-2255 Dec 07 j 21:47	0°♐	
evening rise	-2255 Dec 18 j 03:08	17°♐52'49	
	-2255 Dec 24 j 23:58	0°♑	
asc. node	-2254 Jan 01 j 08:47	11°♑24'13	
evening max el	-2254 Jan 04 j 01:37	14°♑31'00	18°07'54
retrograde	-2254 Jan 10 j 16:32	17°♑57'37	
evening set	-2254 Jan 13 j 08:52	17°♑23'27	
inferior conj	-2254 Jan 19 j 22:09	12°♑17'18	3°57'27
minimum elong	-2254 Jan 19 j 21:37	12°♑18'38	3°57'23
min. Earth dist.	-2254 Jan 22 j 20:54	9°♑21'58	0.61857 AU
morning rise	-2254 Jan 26 j 08:04	6°♑26'21	
direct	-2254 Feb 02 j 08:01	3°♑56'17	
desc. node	-2254 Feb 11 j 14:34	7°♑36'38	
morning max el	-2254 Feb 16 j 08:57	11°♑43'44	27°43'12
	-2254 Mar 02 j 19:56	0°♒	
	-2254 Mar 19 j 22:36	0°♓	
morning set	-2254 Mar 21 j 09:37	2°♓56'52	
max. Earth dist.	-2254 Mar 27 j 08:02	15°♓26'59	1.32696 AU
superior conj	-2254 Mar 28 j 19:09	18°♓37'20	0°-16'-11
minimum elong	-2254 Mar 28 j 19:54	18°♓41'23	0°16'02
asc. node	-2254 Mar 30 j 08:11	21°♓58'52	
	-2254 Apr 03 j 00:56	0°♈	
evening rise	-2254 Apr 04 j 19:34	3°♈46'57	
	-2254 Apr 19 j 00:21	0°♉	
evening max el	-2254 Apr 30 j 03:02	13°♉56'22	24°31'36
desc. node	-2254 May 10 j 13:40	20°♉30'41	
retrograde	-2254 May 14 j 01:52	20°♉59'00	
evening set	-2254 May 18 j 18:57	20°♉08'57	
min. Earth dist.	-2254 May 24 j 14:53	17°♉11'30	0.56920 AU
inferior conj	-2254 May 27 j 09:29	15°♉24'19	-3°-56'-50
minimum elong	-2254 May 27 j 04:13	15°♉32'52	3°55'53

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning rise	-2254 Jun 04 j 17:29	11°♉18'11	
direct	-2254 Jun 07 j 06:06	11°♉00'33	
morning max el	-2254 Jun 16 j 13:53	15°♉20'33	19°26'15
asc. node	-2254 Jun 26 j 07:31	28°♉35'14	
	-2254 Jun 27 j 02:52	0°♊	
morning set	-2254 Jul 03 j 19:17	12°♊45'31	
superior conj	-2254 Jul 11 j 23:39	29°♊05'16	1°47'25
minimum elong	-2254 Jul 11 j 22:48	29°♊01'07	1°47'26
	-2254 Jul 12 j 10:51	0°♋	
max. Earth dist.	-2254 Jul 18 j 01:43	10°♋41'15	1.37768 AU
evening rise	-2254 Jul 21 j 22:50	17°♋42'34	
	-2254 Jul 29 j 04:04	0°♌	
desc. node	-2254 Aug 06 j 12:58	13°♌05'13	
	-2254 Aug 18 j 19:17	0°♍	
evening max el	-2254 Aug 26 j 17:53	8°♍58'55	25°08'30
retrograde	-2254 Sep 07 j 13:45	15°♍50'22	
evening set	-2254 Sep 13 j 08:24	13°♍23'53	
min. Earth dist.	-2254 Sep 17 j 20:48	8°♍18'07	0.67048 AU
inferior conj	-2254 Sep 18 j 19:32	7°♍03'34	-1°-10'-37
minimum elong	-2254 Sep 18 j 21:14	6°♍57'57	1°09'55
asc. node	-2254 Sep 22 j 06:40	2°♍51'46	
morning rise	-2254 Sep 24 j 10:33	1°♍00'30	
	-2254 Sep 26 j 16:04	30°℞♌	
direct	-2254 Sep 27 j 21:24	29°♌51'28	
	-2254 Sep 29 j 03:22	0°♍	
morning max el	-2254 Oct 05 j 07:58	4°♍08'02	19°45'46
greatest brilliancy	-2254 Oct 13 j 09:14	14°♍15'10	-0.6m
	-2254 Oct 23 j 23:04	0°♎	
morning set	-2254 Oct 30 j 14:41	10°♎14'49	
desc. node	-2254 Nov 02 j 12:23	14°♎45'29	
max. Earth dist.	-2254 Nov 11 j 23:16	29°♎37'03	1.44176 AU
	-2254 Nov 12 j 05:02	0°♏	
superior conj	-2254 Nov 16 j 08:53	6°♏39'48	-1°-21'-43
minimum elong	-2254 Nov 16 j 01:18	6°♏09'16	1°21'00
evening rise	-2254 Nov 30 j 03:07	29°♏26'38	
	-2254 Nov 30 j 11:00	0°♐	
evening max el	-2254 Dec 18 j 14:16	27°♐49'05	18°18'46
asc. node	-2254 Dec 19 j 05:51	28°♐27'07	
	-2254 Dec 21 j 03:57	0°♑	
retrograde	-2254 Dec 25 j 02:53	1°♑21'31	
evening set	-2254 Dec 27 j 23:20	0°♑38'12	
	-2254 Dec 29 j 01:25	30°℞♐	
inferior conj	-2253 Jan 03 j 02:51	25°♐11'53	3°44'47
minimum elong	-2253 Jan 03 j 00:41	25°♐17'58	3°44'27
min. Earth dist.	-2253 Jan 05 j 11:11	22°♐35'17	0.63678 AU
morning rise	-2253 Jan 09 j 00:28	19°♐10'44	
direct	-2253 Jan 16 j 00:13	16°♐23'01	
desc. node	-2253 Jan 29 j 11:38	23°♐57'32	
morning max el	-2253 Jan 29 j 16:33	24°♐09'42	27°35'42
	-2253 Feb 03 j 23:50	0°♑	
	-2253 Feb 24 j 03:44	0°♒	
morning set	-2253 Mar 05 j 07:32	17°♒07'14	
max. Earth dist.	-2253 Mar 10 j 12:42	27°♒48'07	1.33311 AU
	-2253 Mar 11 j 13:42	0°♓	
superior conj	-2253 Mar 13 j 02:43	3°♓17'04	0°-41'-58
minimum elong	-2253 Mar 13 j 04:38	3°♓27'20	0°41'37
asc. node	-2253 Mar 17 j 05:14	12°♓06'14	
evening rise	-2253 Mar 20 j 07:10	18°♓39'33	
	-2253 Mar 25 j 22:13	0°♈	
evening max el	-2253 Apr 11 j 18:55	24°♈36'08	22°57'20
	-2253 Apr 19 j 12:49	0°♉	
retrograde	-2253 Apr 25 j 02:25	1°♉10'24	
desc. node	-2253 Apr 27 j 10:42	0°♉58'15	
evening set	-2253 Apr 28 j 11:15	0°♉45'37	
	-2253 Apr 30 j 20:53	30°℞♈	
min. Earth dist.	-2253 May 06 j 04:39	27°♈20'17	0.55591 AU
inferior conj	-2253 May 07 j 17:00	26°♈27'41	-2°-43'-12
minimum elong	-2253 May 07 j 10:40	26°♈36'53	2°41'22
morning rise	-2253 May 16 j 12:53	22°♈31'55	
direct	-2253 May 19 j 04:23	22°♈15'15	
morning max el	-2253 May 30 j 02:58	27°♈20'37	20°37'24
	-2253 Jun 01 j 16:40	0°♉	
asc. node	-2253 Jun 13 j 04:36	17°♉46'53	
morning set	-2253 Jun 18 j 01:07	27°♉23'25	
	-2253 Jun 19 j 07:38	0°♊	
superior conj	-2253 Jun 25 j 16:55	13°♊10'13	1°39'46
minimum elong	-2253 Jun 25 j 14:51	12°♊59'37	1°39'39
max. Earth dist.	-2253 Jun 30 j 09:02	22°♊30'06	1.36008 AU
	-2253 Jul 04 j 07:18	0°♋	
evening rise	-2253 Jul 04 j 13:21	0°♋28'11	
	-2253 Jul 22 j 07:01	0°♌	
desc. node	-2253 Jul 24 j 10:00	3°♌05'32	
evening max el	-2253 Aug 09 j 05:15	22°♌33'16	26°15'01
retrograde	-2253 Aug 21 j 20:44	29°♌43'29	
evening set	-2253 Aug 28 j 05:53	27°♌03'19	
min. Earth dist.	-2253 Sep 01 j 10:09	22°♌35'24	0.66330 AU
inferior conj	-2253 Sep 02 j 20:36	20°♌48'43	-2°-4'-7
minimum elong	-2253 Sep 02 j 23:33	20°♌39'34	2°02'59
morning rise	-2253 Sep 08 j 18:05	14°♌56'26	
asc. node	-2253 Sep 09 j 03:44	14°♌43'17	
direct	-2253 Sep 11 j 19:40	14°♌02'39	
morning max el	-2253 Sep 18 j 16:16	17°♌53'21	18°53'03
	-2253 Sep 27 j 20:11	0°♍	
morning set	-2253 Oct 10 j 05:25	19°♍23'24	
	-2253 Oct 16 j 22:35	0°♎	
desc. node	-2253 Oct 20 j 09:26	5°♎26'14	
max. Earth dist.	-2253 Oct 25 j 16:29	13°♎46'12	1.44857 AU
superior conj	-2253 Oct 26 j 13:26	15°♎08'41	0°-38'-59
minimum elong	-2253 Oct 26 j 08:25	14°♎48'58	0°38'22
	-2253 Nov 04 j 22:22	0°♏	
evening rise	-2253 Nov 11 j 04:09	10°♏01'20	
	-2253 Nov 23 j 16:04	0°♐	
evening max el	-2253 Dec 02 j 01:45	11°♐13'32	18°47'41
asc. node	-2253 Dec 06 j 02:54	14°♐21'53	
retrograde	-2253 Dec 08 j 20:00	15°♐02'07	
evening set	-2253 Dec 11 j 21:49	14°♐08'08	
inferior conj	-2253 Dec 17 j 17:59	8°♐24'00	3°17'49
minimum elong	-2253 Dec 17 j 15:04	8°♐32'55	3°17'07
min. Earth dist.	-2253 Dec 19 j 11:12	6°♐18'29	0.65157 AU
morning rise	-2253 Dec 23 j 07:16	2°♐15'28	
	-2253 Dec 26 j 21:37	30°℞♏	
direct	-2253 Dec 29 j 22:57	29°♏25'16	
	-2252 Jan 02 j 04:46	0°♐	
morning max el	-2252 Jan 12 j 02:09	7°♐02'56	26°55'34
desc. node	-2252 Jan 16 j 08:42	11°♐40'59	
	-2252 Jan 29 j 21:35	0°♑	
	-2252 Feb 16 j 10:26	0°♒	
morning set	-2252 Feb 16 j 19:21	0°♒42'43	
max. Earth dist.	-2252 Feb 21 j 07:40	9°♒36'11	1.34357 AU
superior conj	-2252 Feb 25 j 05:15	17°♒36'52	-1°-6'-46
minimum elong	-2252 Feb 25 j 08:10	17°♒52'04	1°06'20
	-2252 Mar 02 j 02:31	0°♓	
asc. node	-2252 Mar 03 j 02:16	2°♓04'23	
evening rise	-2252 Mar 03 j 17:08	3°♓21'46	
	-2252 Mar 18 j 20:58	0°♈	
evening max el	-2252 Mar 23 j 16:18	5°♈27'10	21°26'16
retrograde	-2252 Apr 04 j 17:06	11°♈16'09	
evening set	-2252 Apr 07 j 04:54	11°♈02'00	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2252 Apr 13 j 07:46	8°♈46'26	
inferior conj	-2252 Apr 16 j 12:44	7°♈01'37	0°-54'-2
minimum elong	-2252 Apr 16 j 10:12	7°♈05'11	0°53'09
min. Earth dist.	-2252 Apr 16 j 18:03	6°♈54'10	0.55086 AU
morning rise	-2252 Apr 25 j 15:43	3°♈00'15	
direct	-2252 Apr 28 j 16:08	2°♈40'22	
morning max el	-2252 May 11 j 05:11	8°♈38'24	22°06'10
	-2252 May 26 j 06:23	0°♉	
asc. node	-2252 May 30 j 01:40	7°♉22'30	
morning set	-2252 Jun 01 j 10:51	12°♉15'11	
superior conj	-2252 Jun 08 j 18:26	27°♉41'22	1°26'17
minimum elong	-2252 Jun 08 j 15:51	27°♉27'49	1°26'01
	-2252 Jun 09 j 20:55	0°♊	
max. Earth dist.	-2252 Jun 12 j 01:19	4°♊30'59	1.34575 AU
evening rise	-2252 Jun 16 j 19:54	14°♊02'32	
	-2252 Jun 25 j 13:24	0°♋	
desc. node	-2252 Jul 10 j 07:01	22°♋37'28	
	-2252 Jul 16 j 02:46	0°♌	
evening max el	-2252 Jul 21 j 16:51	6°♌00'39	27°02'41
retrograde	-2252 Aug 03 j 22:26	13°♌20'19	
evening set	-2252 Aug 10 j 19:33	10°♌33'55	
min. Earth dist.	-2252 Aug 14 j 16:20	6°♌44'22	0.65247 AU
inferior conj	-2252 Aug 16 j 15:51	4°♌28'21	-2°-54'-35
minimum elong	-2252 Aug 16 j 19:45	4°♌17'10	2°53'19
	-2252 Aug 21 j 01:58	30°℞♋	
morning rise	-2252 Aug 22 j 21:18	28°♋50'12	
direct	-2252 Aug 25 j 15:55	28°♋08'18	
asc. node	-2252 Aug 26 j 00:50	28°♋09'03	
	-2252 Aug 30 j 07:30	0°♌	
morning max el	-2252 Sep 01 j 05:18	1°♌42'10	18°16'38
morning set	-2252 Sep 19 j 23:36	29°♌52'43	
	-2252 Sep 20 j 01:22	0°♍	
superior conj	-2252 Oct 04 j 14:43	23°♍33'32	0°10'41
minimum elong	-2252 Oct 04 j 16:04	23°♍38'53	0°10'30
behind sun begin	-2252 Oct 04 j 07:32	23°♍05'00	
behind sun end	-2252 Oct 05 j 00:36	24°♍12'44	
desc. node	-2252 Oct 06 j 06:27	26°♍10'55	
max. Earth dist.	-2252 Oct 07 j 11:07	28°♍04'09	1.44798 AU
	-2252 Oct 08 j 16:31	0°♎	
evening rise	-2252 Oct 21 j 05:00	19°♎35'41	
	-2252 Oct 27 j 21:29	0°♏	
greatest brilliancy	-2252 Nov 05 j 20:14	13°♏35'07	-0.7m
evening max el	-2252 Nov 14 j 09:41	24°♏40'08	19°33'23
retrograde	-2252 Nov 21 j 16:34	28°♏53'52	
asc. node	-2252 Nov 21 j 23:57	28°♏53'19	
evening set	-2252 Nov 25 j 01:35	27°♏47'12	
inferior conj	-2252 Nov 30 j 16:26	21°♏48'28	2°40'49
minimum elong	-2252 Nov 30 j 13:30	21°♏58'00	2°39'53
min. Earth dist.	-2252 Dec 01 j 19:49	20°♏19'22	0.66255 AU
morning rise	-2252 Dec 06 j 00:42	15°♏34'51	
direct	-2252 Dec 12 j 03:33	12°♏54'09	
morning max el	-2252 Dec 24 j 11:35	20°♏11'26	25°50'13
	-2251 Jan 01 j 22:44	0°♐	
desc. node	-2251 Jan 02 j 05:47	0°♐22'44	
	-2251 Jan 22 j 00:32	0°♑	
morning set	-2251 Jan 29 j 16:45	13°♑30'38	
max. Earth dist.	-2251 Feb 02 j 14:59	20°♑52'59	1.35847 AU
	-2251 Feb 07 j 06:29	0°♒	
superior conj	-2251 Feb 08 j 00:14	1°♒29'14	-1°-29'-4
minimum elong	-2251 Feb 08 j 03:40	1°♒46'34	1°28'41
evening rise	-2251 Feb 15 j 23:30	17°♒47'19	
asc. node	-2251 Feb 17 j 23:17	21°♒48'38	
	-2251 Feb 22 j 05:24	0°♓	
evening max el	-2251 Mar 05 j 23:45	16°♓50'19	20°08'36
retrograde	-2251 Mar 16 j 08:35	21°♓47'05	
evening set	-2251 Mar 18 j 13:44	21°♓34'31	
inferior conj	-2251 Mar 27 j 10:33	17°♓35'09	1°02'31
minimum elong	-2251 Mar 27 j 13:14	17°♓31'07	1°01'36
min. Earth dist.	-2251 Mar 29 j 08:12	16°♓26'45	0.55526 AU
desc. node	-2251 Mar 31 j 04:49	15°♓23'00	
morning rise	-2251 Apr 05 j 10:06	13°♓09'46	
direct	-2251 Apr 09 j 06:24	12°♓37'23	
morning max el	-2251 Apr 22 j 23:12	19°♓23'26	23°45'09
	-2251 May 01 j 19:30	0°♈	
morning set	-2251 May 16 j 22:36	27°♈14'45	
asc. node	-2251 May 16 j 22:43	27°♈15'23	
	-2251 May 18 j 05:54	0°♉	
superior conj	-2251 May 24 j 01:25	12°♉29'54	1°08'25
minimum elong	-2251 May 23 j 22:57	12°♉16'36	1°08'04
max. Earth dist.	-2251 May 26 j 02:59	16°♉54'50	1.33521 AU
evening rise	-2251 May 31 j 14:02	28°♉12'41	
	-2251 Jun 01 j 11:34	0°♊	
	-2251 Jun 18 j 18:10	0°♋	
desc. node	-2251 Jun 27 j 04:00	11°♋29'00	
evening max el	-2251 Jul 04 j 03:29	19°♋10'09	27°24'29
retrograde	-2251 Jul 17 j 18:36	26°♋32'27	
evening set	-2251 Jul 24 j 22:22	23°♋51'14	
min. Earth dist.	-2251 Jul 28 j 13:32	20°♋36'26	0.63785 AU
inferior conj	-2251 Jul 31 j 02:46	17°♋57'39	-3°-39'-5
minimum elong	-2251 Jul 31 j 06:58	17°♋46'45	3°38'03
morning rise	-2251 Aug 06 j 17:31	12°♋36'47	
direct	-2251 Aug 09 j 07:32	12°♋03'40	
asc. node	-2251 Aug 12 j 21:56	13°♋08'14	
morning max el	-2251 Aug 15 j 20:29	15°♋29'19	17°57'33
	-2251 Aug 26 j 01:24	0°♌	
morning set	-2251 Sep 01 j 19:53	11°♌36'46	
	-2251 Sep 12 j 15:49	0°♍	
superior conj	-2251 Sep 14 j 10:11	2°♍54'41	0°54'36
minimum elong	-2251 Sep 14 j 15:23	3°♍16'01	0°53'59
max. Earth dist.	-2251 Sep 20 j 03:40	12°♍11'19	1.44030 AU
desc. node	-2251 Sep 23 j 03:25	16°♍56'28	
evening rise	-2251 Sep 30 j 12:39	28°♍28'01	
	-2251 Oct 01 j 12:31	0°♎	
	-2251 Oct 21 j 20:01	0°♏	
greatest brilliancy	-2251 Oct 22 j 09:41	0°♏45'45	-0.5m
evening max el	-2251 Oct 28 j 12:21	8°♏06'35	20°33'46
retrograde	-2251 Nov 05 j 14:03	12°♏52'34	
asc. node	-2251 Nov 08 j 21:01	11°♏50'17	
evening set	-2251 Nov 09 j 08:21	11°♏30'57	
inferior conj	-2251 Nov 14 j 19:40	5°♏21'03	1°56'37
minimum elong	-2251 Nov 14 j 17:15	5°♏29'13	1°55'42
min. Earth dist.	-2251 Nov 15 j 10:50	4°♏29'34	0.67000 AU
	-2251 Nov 19 j 02:36	30°℞♎	
morning rise	-2251 Nov 20 j 01:39	29°♎04'48	
direct	-2251 Nov 25 j 13:35	26°♎41'30	
	-2251 Dec 03 j 01:36	0°♏	
morning max el	-2251 Dec 06 j 20:07	3°♏24'57	24°28'58
desc. node	-2251 Dec 20 j 02:48	19°♏44'59	
	-2251 Dec 27 j 04:44	0°♐	
morning set	-2250 Jan 11 j 17:55	25°♐13'34	
	-2250 Jan 14 j 10:36	0°♑	
max. Earth dist.	-2250 Jan 15 j 12:29	1°♑56'48	1.37726 AU
superior conj	-2250 Jan 22 j 08:14	14°♑43'46	-1°-46'-46
minimum elong	-2250 Jan 22 j 11:18	14°♑58'33	1°46'36
	-2250 Jan 30 j 02:04	0°♒	
evening rise	-2250 Jan 30 j 23:53	1°♒48'20	
asc. node	-2250 Feb 04 j 20:18	11°♒12'37	
evening max el	-2250 Feb 16 j 17:57	28°♒50'13	19°09'15

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2250 Feb 18 j 01:24	0°♓	
retrograde	-2250 Feb 25 j 12:17	3°♓01'56	
evening set	-2250 Feb 27 j 19:23	2°♓45'54	
	-2250 Mar 05 j 19:20	30°℞♒	
inferior conj	-2250 Mar 07 j 23:02	28°♒33'58	2°35'42
minimum elong	-2250 Mar 08 j 03:47	28°♒25'50	2°34'26
min. Earth dist.	-2250 Mar 10 j 23:40	26°♒30'24	0.56813 AU
morning rise	-2250 Mar 16 j 08:11	23°♒37'02	
desc. node	-2250 Mar 18 j 01:53	23°♒03'32	
direct	-2250 Mar 21 j 08:50	22°♒37'57	
morning max el	-2250 Apr 04 j 14:03	29°♒56'34	25°21'57
	-2250 Apr 04 j 15:29	0°♓	
	-2250 Apr 25 j 07:54	0°♈	
morning set	-2250 May 01 j 10:38	12°♈15'31	
asc. node	-2250 May 03 j 19:44	17°♈19'20	
superior conj	-2250 May 08 j 11:39	27°♈27'44	0°47'16
minimum elong	-2250 May 08 j 09:44	27°♈17'15	0°46'56
max. Earth dist.	-2250 May 09 j 11:49	29°♈39'16	1.32838 AU
	-2250 May 09 j 15:38	0°♉	
evening rise	-2250 May 15 j 16:12	12°♉46'57	
	-2250 May 24 j 15:17	0°♊	
desc. node	-2250 Jun 14 j 01:02	29°♊23'03	
	-2250 Jun 14 j 15:05	0°♋	
evening max el	-2250 Jun 16 j 11:04	1°♋49'36	27°15'17
retrograde	-2250 Jun 30 j 08:22	9°♋10'24	
evening set	-2250 Jul 07 j 10:29	6°♋48'32	
min. Earth dist.	-2250 Jul 11 j 00:51	3°♋59'03	0.61980 AU
inferior conj	-2250 Jul 14 j 02:20	1°♋09'47	-4°-13'-14
minimum elong	-2250 Jul 14 j 05:39	1°♋02'07	4°12'44
	-2250 Jul 15 j 08:58	30°℞♊	
morning rise	-2250 Jul 21 j 03:29	26°♊09'00	
direct	-2250 Jul 23 j 15:10	25°♊42'05	
morning max el	-2250 Jul 30 j 11:01	29°♊08'17	17°56'52
asc. node	-2250 Jul 30 j 19:00	29°♊28'10	
	-2250 Jul 31 j 07:09	0°♋	
morning set	-2250 Aug 15 j 12:51	24°♋20'37	
	-2250 Aug 18 j 15:55	0°♌	
superior conj	-2250 Aug 26 j 09:08	13°♌37'38	1°25'34
minimum elong	-2250 Aug 26 j 14:00	13°♌58'37	1°25'10
max. Earth dist.	-2250 Sep 02 j 15:45	25°♌51'45	1.42659 AU
	-2250 Sep 05 j 04:46	0°♍	
evening rise	-2250 Sep 09 j 20:24	7°♍24'25	
desc. node	-2250 Sep 10 j 00:25	7°♍40'11	
	-2250 Sep 24 j 19:14	0°♎	
greatest brilliancy	-2250 Oct 06 j 12:14	16°♎00'02	-0.4m
evening max el	-2250 Oct 11 j 09:05	21°♎33'28	21°45'40
retrograde	-2250 Oct 20 j 10:24	26°♎56'19	
evening set	-2250 Oct 24 j 16:15	25°♎17'25	
asc. node	-2250 Oct 26 j 18:05	23°♎17'10	
inferior conj	-2250 Oct 30 j 01:36	18°♎59'59	1°07'24
minimum elong	-2250 Oct 30 j 00:06	19°♎05'11	1°06'45
min. Earth dist.	-2250 Oct 30 j 05:50	18°♎45'21	0.67419 AU
morning rise	-2250 Nov 04 j 07:40	12°♎43'47	
direct	-2250 Nov 09 j 04:17	10°♎41'53	
morning max el	-2250 Nov 19 j 05:42	16°♎41'28	23°01'49
greatest brilliancy	-2250 Nov 24 j 03:06	22°♎10'52	-0.3m
	-2250 Nov 30 j 04:19	0°♏	
desc. node	-2250 Dec 06 j 23:49	9°♏36'24	
	-2250 Dec 20 j 06:30	0°♐	
morning set	-2250 Dec 23 j 16:39	5°♐36'06	
max. Earth dist.	-2250 Dec 28 j 07:41	13°♐25'22	1.39817 AU
superior conj	-2249 Jan 05 j 00:57	27°♐09'35	-1°-56'-57
minimum elong	-2249 Jan 05 j 02:12	27°♐15'19	1°56'59
	-2249 Jan 06 j 13:52	0°♑	
evening rise	-2249 Jan 14 j 15:33	15°♑18'11	
asc. node	-2249 Jan 22 j 17:19	0°♒09'33	
	-2249 Jan 22 j 15:04	0°♒	
evening max el	-2249 Jan 30 j 21:00	11°♒22'07	18°29'46
retrograde	-2249 Feb 07 j 10:23	15°♒04'11	
evening set	-2249 Feb 09 j 21:24	14°♒41'56	
inferior conj	-2249 Feb 17 j 07:55	10°♒09'57	3°32'29
minimum elong	-2249 Feb 17 j 11:17	10°♒03'13	3°31'55
min. Earth dist.	-2249 Feb 20 j 17:51	7°♒27'49	0.58659 AU
morning rise	-2249 Feb 24 j 21:32	4°♒46'15	
direct	-2249 Mar 03 j 00:31	3°♒09'57	
desc. node	-2249 Mar 04 j 22:57	3°♒19'27	
morning max el	-2249 Mar 17 j 07:31	10°♒45'23	26°41'30
	-2249 Apr 01 j 04:04	0°♓	
morning set	-2249 Apr 15 j 21:20	27°♓11'36	
	-2249 Apr 17 j 05:18	0°♈	
asc. node	-2249 Apr 20 j 16:44	7°♈29'45	
superior conj	-2249 Apr 22 j 23:18	12°♈28'22	0°23'45
minimum elong	-2249 Apr 22 j 22:16	12°♈22'40	0°23'33
max. Earth dist.	-2249 Apr 23 j 00:33	12°♈35'12	1.32509 AU
evening rise	-2249 Apr 29 j 23:40	27°♈36'09	
	-2249 May 01 j 03:25	0°♉	
	-2249 May 18 j 04:04	0°♊	
evening max el	-2249 May 29 j 13:15	13°♊48'30	26°33'07
desc. node	-2249 May 31 j 22:04	15°♊55'12	
retrograde	-2249 Jun 12 j 14:07	21°♊05'27	
evening set	-2249 Jun 19 j 03:26	19°♊16'03	
min. Earth dist.	-2249 Jun 23 j 02:34	16°♊36'51	0.59962 AU
inferior conj	-2249 Jun 26 j 10:59	13°♊55'21	-4°-30'-6
minimum elong	-2249 Jun 26 j 11:46	13°♊53'45	4°30'03
morning rise	-2249 Jul 03 j 23:28	9°♊16'40	
direct	-2249 Jul 06 j 10:49	8°♊54'05	
morning max el	-2249 Jul 13 j 21:56	12°♊30'47	18°15'33
asc. node	-2249 Jul 17 j 16:03	16°♊52'43	
	-2249 Jul 25 j 16:33	0°♋	
morning set	-2249 Jul 29 j 20:58	7°♋48'57	
superior conj	-2249 Aug 08 j 09:34	25°♋36'26	1°42'49
minimum elong	-2249 Aug 08 j 12:09	25°♋48'10	1°42'44
	-2249 Aug 10 j 20:11	0°♌	
max. Earth dist.	-2249 Aug 15 j 22:37	8°♌53'28	1.40864 AU
evening rise	-2249 Aug 20 j 21:53	17°♌11'24	
desc. node	-2249 Aug 27 j 21:26	28°♌18'04	
	-2249 Aug 28 j 23:51	0°♍	
greatest brilliancy	-2249 Sep 18 j 15:34	28°♍59'36	-0.2m
	-2249 Sep 19 j 11:36	0°♎	
evening max el	-2249 Sep 24 j 00:33	5°♎01'27	23°04'39
retrograde	-2249 Oct 04 j 04:12	11°♎02'12	
evening set	-2249 Oct 08 j 23:33	9°♎04'21	
asc. node	-2249 Oct 13 j 15:09	3°♎42'17	
inferior conj	-2249 Oct 14 j 08:26	2°♎42'56	0°14'53
minimum elong	-2249 Oct 14 j 08:05	2°♎44'09	0°14'44
transit middle	-2249 Oct 14 j 08:05	2°♎44'09	0°14'44
transit begin	-2249 Oct 14 j 06:55	2°♎48'10	
transit end	-2249 Oct 14 j 09:15	2°♎40'08	
min. Earth dist.	-2249 Oct 14 j 02:18	3°♎04'01	0.67526 AU
	-2249 Oct 16 j 09:01	30°℞♍	
morning rise	-2249 Oct 19 j 16:36	26°♍29'40	
direct	-2249 Oct 23 j 22:44	24°♍49'56	
	-2249 Nov 01 j 18:13	0°♎	
morning max el	-2249 Nov 01 j 19:54	0°♎04'15	21°37'40
greatest brilliancy	-2249 Nov 06 j 20:24	5°♎48'58	-0.4m
desc. node	-2249 Nov 23 j 20:51	29°♎48'24	
	-2249 Nov 23 j 23:56	0°♏	
morning set	-2249 Dec 03 j 10:31	14°♏35'51	
max. Earth dist.	-2249 Dec 10 j 08:22	25°♏47'08	1.41833 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2249 Dec 12 j 21:01	0°♐		
superior conj	-2249 Dec 17 j 21:01	8°♐33'05	-1°-55'-48	
minimum elong	-2249 Dec 17 j 18:43	8°♐23'08	1°55'48	
evening rise	-2249 Dec 28 j 19:08	28°♐09'25		
	-2249 Dec 29 j 19:17	0°♑		
asc. node	-2248 Jan 09 j 14:21	18°♑30'53		
evening max el	-2248 Jan 14 j 06:00	24°♑17'37	18°10'15	
retrograde	-2248 Jan 21 j 02:04	27°♑45'58		
evening set	-2248 Jan 23 j 16:32	27°♑16'20		
inferior conj	-2248 Jan 30 j 12:37	22°♑22'12	3°55'54	
minimum elong	-2248 Jan 30 j 13:26	22°♑20'20	3°55'49	
min. Earth dist.	-2248 Feb 02 j 17:46	19°♑25'08	0.60703 AU	
morning rise	-2248 Feb 06 j 07:35	16°♑39'25		
direct	-2248 Feb 13 j 03:06	14°♑26'32		
desc. node	-2248 Feb 19 j 20:01	16°♑22'10		
morning max el	-2248 Feb 27 j 07:07	22°♑10'31	27°31'12	
	-2248 Mar 05 j 05:06	0°♒		
	-2248 Mar 24 j 03:48	0°♓		
morning set	-2248 Mar 30 j 04:54	11°♓56'42		
max. Earth dist.	-2248 Apr 05 j 13:27	25°♓29'46	1.32523 AU	
superior conj	-2248 Apr 06 j 10:43	27°♓25'55	0°-1'-20	
minimum elong	-2248 Apr 06 j 10:47	27°♓26'17	0°01'20	
behind sun begin	-2248 Apr 06 j 05:46	26°♓58'48		
behind sun end	-2248 Apr 06 j 15:49	27°♓53'45		
asc. node	-2248 Apr 06 j 13:46	27°♓42'35		
	-2248 Apr 07 j 14:53	0°♈		
evening rise	-2248 Apr 13 j 10:14	12°♈32'29		
	-2248 Apr 22 j 08:07	0°♉		
evening max el	-2248 May 10 j 08:53	25°♉04'35	25°21'53	
	-2248 May 16 j 18:09	0°♊		
desc. node	-2248 May 17 j 19:07	0°♊33'23		
retrograde	-2248 May 24 j 10:01	2°♊14'53		
evening set	-2248 May 29 j 22:13	1°♊03'59		
	-2248 Jun 01 j 02:37	30°℞♉		
min. Earth dist.	-2248 Jun 03 j 20:53	28°♉17'49	0.57955 AU	
inferior conj	-2248 Jun 07 j 01:16	26°♉05'11	-4°-19'-42	
minimum elong	-2248 Jun 06 j 22:08	26°♉10'41	4°19'22	
morning rise	-2248 Jun 15 j 01:59	21°♉48'33		
direct	-2248 Jun 17 j 14:09	21°♉29'17		
morning max el	-2248 Jun 26 j 02:25	25°♉28'48	18°54'30	
	-2248 Jun 30 j 01:40	0°♊		
asc. node	-2248 Jul 03 j 13:06	5°♊08'04		
morning set	-2248 Jul 12 j 15:57	21°♊50'57		
	-2248 Jul 16 j 19:26	0°♋		
superior conj	-2248 Jul 21 j 06:01	8°♋36'21	1°48'27	
minimum elong	-2248 Jul 21 j 06:14	8°♋37'25	1°48'29	
max. Earth dist.	-2248 Jul 28 j 01:33	21°♋13'13	1.38890 AU	
evening rise	-2248 Aug 01 j 00:48	28°♋11'12		
	-2248 Aug 02 j 02:14	0°♌		
desc. node	-2248 Aug 13 j 18:27	18°♌45'55		
	-2248 Aug 21 j 11:21	0°♍		
evening max el	-2248 Sep 05 j 12:33	18°♍31'58	24°24'41	
retrograde	-2248 Sep 16 j 18:25	25°♍07'10		
evening set	-2248 Sep 22 j 04:34	22°♍50'19		
min. Earth dist.	-2248 Sep 26 j 21:53	17°♍24'07	0.67321 AU	
inferior conj	-2248 Sep 27 j 14:27	16°♍28'33	0°-39'-18	
minimum elong	-2248 Sep 27 j 15:23	16°♍25'22	0°38'53	
asc. node	-2248 Sep 29 j 12:14	13°♍58'48		
morning rise	-2248 Oct 03 j 02:30	10°♍21'05		
direct	-2248 Oct 06 j 19:46	9°♍01'49		
morning max el	-2248 Oct 14 j 17:14	13°♍36'49	20°22'53	
greatest brilliancy	-2248 Oct 21 j 06:57	21°♍31'51	-0.5m	
	-2248 Oct 27 j 07:20	0°♎		
desc. node	-2248 Nov 09 j 17:54	20°♎15'09		
morning set	-2248 Nov 11 j 09:23	22°♎47'41		
	-2248 Nov 16 j 00:13	0°♏		
max. Earth dist.	-2248 Nov 21 j 16:50	9°♏02'44	1.43482 AU	
superior conj	-2248 Nov 27 j 15:11	18°♏42'34	-1°-39'-15	
minimum elong	-2248 Nov 27 j 08:47	18°♏16'09	1°38'48	
	-2248 Dec 04 j 08:24	0°♐		
evening rise	-2248 Dec 10 j 06:32	10°♐14'16		
	-2248 Dec 21 j 23:28	0°♑		
asc. node	-2248 Dec 26 j 11:25	6°♑06'01		
evening max el	-2248 Dec 27 j 18:04	7°♑28'54	18°10'13	
retrograde	-2247 Jan 03 j 07:01	10°♑56'55		
evening set	-2247 Jan 06 j 00:58	10°♑19'01		
inferior conj	-2247 Jan 12 j 09:44	5°♑03'43	3°54'11	
minimum elong	-2247 Jan 12 j 08:23	5°♑07'15	3°54'02	
min. Earth dist.	-2247 Jan 15 j 02:29	2°♑14'31	0.62661 AU	
	-2247 Jan 17 j 11:49	30°℞♐		
morning rise	-2247 Jan 18 j 13:51	29°♐07'49		
direct	-2247 Jan 25 j 14:40	26°♐28'40		
	-2247 Feb 03 j 13:39	0°♑		
desc. node	-2247 Feb 05 j 17:06	1°♑41'16		
morning max el	-2247 Feb 08 j 12:41	4°♑16'37	27°44'34	
	-2247 Feb 27 j 19:40	0°♒		
morning set	-2247 Mar 14 j 07:05	26°♒22'07		
	-2247 Mar 16 j 01:46	0°♓		
max. Earth dist.	-2247 Mar 19 j 22:20	8°♓06'53	1.32904 AU	
superior conj	-2247 Mar 21 j 20:11	12°♓13'30	0°-27'-9	
minimum elong	-2247 Mar 21 j 21:26	12°♓20'17	0°26'55	
asc. node	-2247 Mar 24 j 10:47	17°♓52'46		
evening rise	-2247 Mar 28 j 21:57	27°♓27'51		
	-2247 Mar 30 j 03:01	0°♈		
	-2247 Apr 16 j 18:38	0°♉		
evening max el	-2247 Apr 22 j 00:13	5°♉49'01	23°51'56	
desc. node	-2247 May 04 j 16:10	12°♉39'49		
retrograde	-2247 May 05 j 18:13	12°♉42'30		
evening set	-2247 May 09 j 21:12	12°♉04'50		
min. Earth dist.	-2247 May 16 j 11:21	8°♉57'03	0.56269 AU	
inferior conj	-2247 May 18 j 19:19	7°♉31'35	-3°-30'-53	
minimum elong	-2247 May 18 j 13:01	7°♉41'15	3°29'27	
morning rise	-2247 May 27 j 08:40	3°♉31'51		
direct	-2247 May 29 j 22:07	3°♉15'00		
morning max el	-2247 Jun 08 j 21:44	7°♉52'17	19°54'09	
asc. node	-2247 Jun 20 j 10:10	24°♉01'34		
	-2247 Jun 23 j 14:29	0°♊		
morning set	-2247 Jun 26 j 18:32	6°♊17'20		
superior conj	-2247 Jul 04 j 16:57	22°♊21'11	1°44'59	
minimum elong	-2247 Jul 04 j 15:29	22°♊13'52	1°44'58	
	-2247 Jul 08 j 14:34	0°♋		
max. Earth dist.	-2247 Jul 10 j 05:04	3°♋03'41	1.36985 AU	
evening rise	-2247 Jul 14 j 03:39	10°♋21'17		
	-2247 Jul 25 j 18:17	0°♌		
desc. node	-2247 Jul 31 j 15:28	8°♌58'03		
	-2247 Aug 16 j 22:35	0°♍		
evening max el	-2247 Aug 18 j 23:29	2°♍05'01	25°38'29	
retrograde	-2247 Aug 31 j 04:24	9°♍06'16		
evening set	-2247 Sep 06 j 05:27	6°♍32'59		
min. Earth dist.	-2247 Sep 10 j 14:12	1°♍43'17	0.66787 AU	
inferior conj	-2247 Sep 11 j 17:52	0°♍14'29	-1°-33'-34	
minimum elong	-2247 Sep 11 j 20:08	0°♍07'14	1°32'38	
	-2247 Sep 11 j 22:23	30°℞♌		
asc. node	-2247 Sep 16 j 09:20	25°♌03'28		
morning rise	-2247 Sep 17 j 11:29	24°♌15'50		
direct	-2247 Sep 20 j 18:01	23°♌13'55		
morning max el	-2247 Sep 27 j 21:57	27°♌18'28	19°21'24	
	-2247 Sep 30 j 07:50	0°♍		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

greatest brilliancy	-2247 Oct 07 j 18:47	10°♍13'04	-0.7m
	-2247 Oct 20 j 15:58	0°♎	
morning set	-2247 Oct 21 j 12:07	1°♎18'34	
desc. node	-2247 Oct 27 j 14:56	10°♎51'53	
max. Earth dist.	-2247 Nov 04 j 07:16	22°♎56'16	1.44548 AU
superior conj	-2247 Nov 07 j 06:52	27°♎40'13	-1°-5'-11
minimum elong	-2247 Nov 06 j 23:37	27°♎11'22	1°04'23
	-2247 Nov 08 j 17:56	0°♏	
evening rise	-2247 Nov 21 j 21:15	21°♏24'03	
	-2247 Nov 27 j 01:32	0°♐	
evening max el	-2247 Dec 11 j 06:28	20°♐50'08	18°28'55
asc. node	-2247 Dec 13 j 08:29	22°♐41'56	
retrograde	-2247 Dec 17 j 20:47	24°♐28'40	
evening set	-2247 Dec 20 j 19:12	23°♐41'11	
inferior conj	-2247 Dec 26 j 19:20	18°♐06'59	3°34'49
minimum elong	-2247 Dec 26 j 16:44	18°♐14'32	3°34'19
min. Earth dist.	-2247 Dec 28 j 21:13	15°♐42'16	0.64346 AU
morning rise	-2246 Jan 01 j 12:55	12°♐02'05	
direct	-2246 Jan 08 j 09:52	9°♐11'27	
morning max el	-2246 Jan 21 j 21:39	16°♐56'29	27°22'17
desc. node	-2246 Jan 23 j 14:10	18°♐40'58	
	-2246 Feb 01 j 19:44	0°♑	
	-2246 Feb 20 j 14:19	0°♒	
morning set	-2246 Feb 26 j 01:09	10°♒19'07	
max. Earth dist.	-2246 Mar 02 j 23:12	20°♒14'15	1.33696 AU
superior conj	-2246 Mar 06 j 01:51	26°♒45'19	0°-52'-41
minimum elong	-2246 Mar 06 j 04:14	26°♒57'56	0°52'17
	-2246 Mar 07 j 14:30	0°♓	
asc. node	-2246 Mar 11 j 07:49	7°♓56'30	
evening rise	-2246 Mar 13 j 09:03	12°♓16'19	
	-2246 Mar 22 j 13:03	0°♈	
evening max el	-2246 Apr 03 j 17:33	16°♈29'32	22°17'30
retrograde	-2246 Apr 16 j 14:13	22°♈46'51	
evening set	-2246 Apr 19 j 11:56	22°♈28'15	
desc. node	-2246 Apr 21 j 13:12	21°♈54'10	
min. Earth dist.	-2246 Apr 28 j 01:01	18°♈46'43	0.55258 AU
inferior conj	-2246 Apr 28 j 20:23	18°♈19'17	-2°00'00
minimum elong	-2246 Apr 28 j 15:09	18°♈26'43	1°58'18
morning rise	-2246 May 07 j 20:13	14°♈23'16	
direct	-2246 May 10 j 14:07	14°♈06'08	
morning max el	-2246 May 22 j 06:11	19°♈34'08	21°13'21
	-2246 May 30 j 16:17	0°♉	
asc. node	-2246 Jun 07 j 07:13	13°♉23'43	
morning set	-2246 Jun 11 j 02:13	21°♉01'10	
	-2246 Jun 15 j 09:37	0°♊	
superior conj	-2246 Jun 18 j 14:05	6°♊38'10	1°34'40
minimum elong	-2246 Jun 18 j 11:43	6°♊25'54	1°34'29
max. Earth dist.	-2246 Jun 22 j 15:28	14°♊53'07	1.35350 AU
evening rise	-2246 Jun 27 j 01:33	23°♊29'04	
	-2246 Jun 30 j 13:58	0°♋	
desc. node	-2246 Jul 18 j 12:29	28°♋47'16	
	-2246 Jul 19 j 09:24	0°♌	
evening max el	-2246 Aug 01 j 10:54	15°♌37'05	26°38'04
retrograde	-2246 Aug 14 j 09:23	22°♌53'08	
evening set	-2246 Aug 20 j 23:57	20°♌09'09	
min. Earth dist.	-2246 Aug 25 j 00:52	15°♌57'32	0.65910 AU
inferior conj	-2246 Aug 26 j 16:44	13°♌57'42	-2°-26'-4
minimum elong	-2246 Aug 26 j 20:09	13°♌47'27	2°24'51
morning rise	-2246 Sep 01 j 17:27	8°♌10'55	
asc. node	-2246 Sep 03 j 06:25	7°♌33'33	
direct	-2246 Sep 04 j 15:39	7°♌22'44	
morning max el	-2246 Sep 11 j 08:32	11°♌05'38	18°35'24
	-2246 Sep 24 j 17:42	0°♍	
morning set	-2246 Oct 01 j 14:03	11°♍00'06	
	-2246 Oct 13 j 12:01	0°♎	
desc. node	-2246 Oct 14 j 11:56	1°♎34'23	
superior conj	-2246 Oct 17 j 07:11	5°♎59'24	0°-17'-58
minimum elong	-2246 Oct 17 j 04:48	5°♎50'01	0°17'41
max. Earth dist.	-2246 Oct 18 j 00:56	7°♎09'18	1.44919 AU
	-2246 Nov 01 j 12:35	0°♏	
evening rise	-2246 Nov 02 j 11:42	1°♏31'41	
	-2246 Nov 21 j 02:17	0°♐	
evening max el	-2246 Nov 24 j 16:42	4°♐15'45	19°05'15
asc. node	-2246 Nov 30 j 05:33	8°♐02'45	
retrograde	-2246 Dec 01 j 15:36	8°♐14'01	
evening set	-2246 Dec 04 j 20:12	7°♐15'03	
inferior conj	-2246 Dec 10 j 13:54	1°♐24'36	3°03'08
minimum elong	-2246 Dec 10 j 10:53	1°♐34'03	3°02'18
	-2246 Dec 11 j 16:47	30°℞♏	
min. Earth dist.	-2246 Dec 12 j 01:09	29°♏33'55	0.65672 AU
morning rise	-2246 Dec 16 j 00:40	25°♏13'36	
direct	-2246 Dec 22 j 11:25	22°♏25'49	
	-2245 Jan 04 j 08:27	0°♐	
morning max el	-2245 Jan 04 j 07:11	29°♏56'49	26°30'11
desc. node	-2245 Jan 10 j 11:14	6°♐51'24	
	-2245 Jan 26 j 17:47	0°♑	
morning set	-2245 Feb 09 j 07:23	23°♑35'38	
	-2245 Feb 12 j 15:22	0°♒	
max. Earth dist.	-2245 Feb 13 j 12:49	1°♒45'30	1.34936 AU
superior conj	-2245 Feb 18 j 01:30	10°♒54'08	-1°-16'-40
minimum elong	-2245 Feb 18 j 04:43	11°♒10'40	1°16'13
evening rise	-2245 Feb 25 j 17:40	26°♒51'31	
asc. node	-2245 Feb 26 j 04:51	27°♒49'02	
	-2245 Feb 27 j 06:30	0°♓	
evening max el	-2245 Mar 16 j 19:00	27°♓32'45	20°51'14
	-2245 Mar 19 j 17:33	0°♈	
retrograde	-2245 Mar 28 j 03:18	2°♈58'52	
evening set	-2245 Mar 30 j 10:38	2°♈46'17	
	-2245 Apr 06 j 12:27	30°℞♓	
desc. node	-2245 Apr 08 j 10:15	28°♓55'49	
inferior conj	-2245 Apr 08 j 15:07	28°♓48'51	0°-3'-25
minimum elong	-2245 Apr 08 j 14:58	28°♓49'05	0°03'22
transit middle	-2245 Apr 08 j 14:58	28°♓49'05	0°03'22
transit begin	-2245 Apr 08 j 10:58	28°♓54'47	
transit end	-2245 Apr 08 j 18:57	28°♓43'23	
min. Earth dist.	-2245 Apr 09 j 14:51	28°♓14'58	0.55158 AU
morning rise	-2245 Apr 17 j 18:04	24°♓38'49	
direct	-2245 Apr 21 j 01:42	24°♓14'53	
	-2245 May 03 j 12:56	0°♈	
morning max el	-2245 May 04 j 04:16	0°♈35'19	22°47'39
	-2245 May 23 j 15:21	0°♉	
asc. node	-2245 May 25 j 04:15	3°♉07'08	
morning set	-2245 May 26 j 13:00	5°♉56'40	
superior conj	-2245 Jun 02 j 18:12	21°♉17'26	1°19'10
minimum elong	-2245 Jun 02 j 15:36	21°♉03'38	1°18'51
max. Earth dist.	-2245 Jun 05 j 11:52	27°♉03'13	1.34079 AU
	-2245 Jun 06 j 22:02	0°♊	
evening rise	-2245 Jun 10 j 13:32	7°♊20'23	
	-2245 Jun 23 j 03:23	0°♋	
desc. node	-2245 Jul 05 j 09:28	18°♋03'53	
evening max el	-2245 Jul 14 j 22:32	28°♋59'29	27°15'38
	-2245 Jul 16 j 00:26	0°♌	
retrograde	-2245 Jul 28 j 08:50	6°♌20'40	
evening set	-2245 Aug 04 j 09:26	3°♌35'16	
min. Earth dist.	-2245 Aug 08 j 03:37	0°♌00'54	0.64666 AU
	-2245 Aug 08 j 03:57	30°℞♋	
inferior conj	-2245 Aug 10 j 08:49	27°♋34'23	-3°-14'-25
minimum elong	-2245 Aug 10 j 12:57	27°♋22'59	3°13'12

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning rise	-2245 Aug 16 j 18:03	22°♋02'53	
direct	-2245 Aug 19 j 10:26	21°♋25'00	
asc. node	-2245 Aug 21 j 03:29	21°♋40'26	
morning max el	-2245 Aug 25 j 22:46	24°♋54'29	18°06'18
	-2245 Aug 30 j 03:20	0°♌	
morning set	-2245 Sep 12 j 20:04	22°♌03'55	
	-2245 Sep 17 j 13:57	0°♍	
superior conj	-2245 Sep 26 j 14:12	14°♍42'53	0°30'36
minimum elong	-2245 Sep 26 j 17:44	14°♍57'06	0°30'09
max. Earth dist.	-2245 Sep 30 j 19:10	21°♍25'31	1.44561 AU
desc. node	-2245 Oct 01 j 08:56	22°♍20'01	
	-2245 Oct 06 j 05:55	0°♎	
evening rise	-2245 Oct 13 j 03:48	10°♎44'48	
	-2245 Oct 25 j 18:00	0°♏	
greatest brilliancy	-2245 Oct 31 j 15:34	8°♏35'38	-0.6m
evening max el	-2245 Nov 07 j 22:41	17°♏43'01	19°57'25
retrograde	-2245 Nov 15 j 12:43	22°♏09'09	
asc. node	-2245 Nov 17 j 02:36	21°♏54'47	
evening set	-2245 Nov 19 j 01:29	20°♏56'22	
inferior conj	-2245 Nov 24 j 14:39	14°♏52'38	2°22'46
minimum elong	-2245 Nov 24 j 11:53	15°♏01'49	2°21'48
min. Earth dist.	-2245 Nov 25 j 12:40	13°♏39'34	0.66626 AU
morning rise	-2245 Nov 29 j 21:40	8°♏37'50	
direct	-2245 Dec 05 j 18:28	6°♏03'42	
morning max el	-2245 Dec 17 j 15:56	13°♏07'18	25°16'51
desc. node	-2245 Dec 28 j 08:17	25°♏51'54	
	-2245 Dec 31 j 08:45	0°♐	
	-2244 Jan 19 j 12:01	0°♑	
morning set	-2244 Jan 22 j 20:52	5°♑57'20	
max. Earth dist.	-2244 Jan 26 j 15:16	12°♑52'23	1.36613 AU
superior conj	-2244 Feb 01 j 16:15	24°♑31'33	-1°-37'-19
minimum elong	-2244 Feb 01 j 19:40	24°♑48'29	1°37'00
	-2244 Feb 04 j 09:59	0°♒	
evening rise	-2244 Feb 09 j 21:46	11°♒07'12	
asc. node	-2244 Feb 13 j 01:52	17°♒25'15	
	-2244 Feb 20 j 02:46	0°♓	
evening max el	-2244 Feb 27 j 07:09	9°♓11'24	19°40'55
retrograde	-2244 Mar 07 j 22:24	13°♓47'06	
evening set	-2244 Mar 10 j 04:06	13°♓33'21	
inferior conj	-2244 Mar 18 j 17:53	9°♓29'52	1°46'16
minimum elong	-2244 Mar 18 j 21:57	9°♓23'26	1°44'58
min. Earth dist.	-2244 Mar 21 j 05:08	7°♓56'50	0.55988 AU
desc. node	-2244 Mar 25 j 07:19	5°♓42'57	
morning rise	-2244 Mar 27 j 12:26	4°♓51'34	
direct	-2244 Mar 31 j 20:33	4°♓09'31	
morning max el	-2244 Apr 14 j 19:57	11°♓10'51	24°27'35
	-2244 Apr 29 j 00:59	0°♈	
morning set	-2244 May 10 j 01:04	20°♈57'17	
asc. node	-2244 May 11 j 01:16	23°♈05'06	
	-2244 May 14 j 06:29	0°♉	
superior conj	-2244 May 17 j 02:46	6°♉10'20	0°59'48
minimum elong	-2244 May 17 j 00:29	5°♉57'56	0°59'25
max. Earth dist.	-2244 May 18 j 17:10	9°♉37'32	1.33185 AU
evening rise	-2244 May 24 j 11:27	21°♉41'50	
	-2244 May 28 j 16:37	0°♊	
	-2244 Jun 16 j 01:49	0°♋	
desc. node	-2244 Jun 21 j 06:29	6°♋33'21	
evening max el	-2244 Jun 26 j 08:20	11°♋58'06	27°24'39
retrograde	-2244 Jul 10 j 02:04	19°♋19'12	
evening set	-2244 Jul 17 j 06:28	16°♋44'35	
min. Earth dist.	-2244 Jul 20 j 20:34	13°♋42'08	0.63056 AU
inferior conj	-2244 Jul 23 j 15:18	10°♋57'19	-3°-55'-11
minimum elong	-2244 Jul 23 j 19:18	10°♋47'25	3°54'22
morning rise	-2244 Jul 30 j 10:19	5°♋44'32	

direct	-2244 Aug 01 j 23:13	5°♋14'10	
asc. node	-2244 Aug 07 j 00:32	7°♋15'36	
morning max el	-2244 Aug 08 j 13:59	8°♋38'39	17°55'01
	-2244 Aug 22 j 15:54	0°♌	
morning set	-2244 Aug 25 j 01:54	4°♌15'39	
superior conj	-2244 Sep 05 j 21:03	24°♌37'52	1°09'28
minimum elong	-2244 Sep 06 j 02:31	25°♌00'44	1°08'54
	-2244 Sep 09 j 02:44	0°♍	
max. Earth dist.	-2244 Sep 12 j 10:41	5°♍25'34	1.43518 AU
desc. node	-2244 Sep 17 j 05:55	13°♍05'09	
evening rise	-2244 Sep 21 j 09:08	19°♍32'55	
	-2244 Sep 28 j 05:04	0°♎	
greatest brilliancy	-2244 Oct 15 j 11:56	24°♎45'47	-0.5m
	-2244 Oct 19 j 20:33	0°♏	
evening max el	-2244 Oct 20 j 22:54	1°♏09'55	21°03'06
retrograde	-2244 Oct 29 j 09:55	6°♏10'49	
evening set	-2244 Nov 02 j 09:00	4°♏41'52	
asc. node	-2244 Nov 02 j 23:39	4°♏12'08	
	-2244 Nov 06 j 16:15	30°℞♎	
inferior conj	-2244 Nov 07 j 19:17	28°♎28'14	1°36'14
minimum elong	-2244 Nov 07 j 17:13	28°♎35'18	1°35'24
min. Earth dist.	-2244 Nov 08 j 05:36	27°♎52'53	0.67223 AU
morning rise	-2244 Nov 13 j 01:05	22°♎11'54	
direct	-2244 Nov 18 j 06:26	19°♎57'40	
morning max el	-2244 Nov 29 j 00:42	26°♎22'36	23°52'04
	-2244 Dec 02 j 08:54	0°♏	
desc. node	-2244 Dec 14 j 05:20	15°♏27'57	
	-2244 Dec 23 j 23:24	0°♐	
morning set	-2243 Jan 03 j 11:33	17°♐08'05	
max. Earth dist.	-2243 Jan 07 j 11:23	24°♐05'11	1.38609 AU
	-2243 Jan 10 j 18:12	0°♑	
superior conj	-2243 Jan 14 j 18:24	7°♑27'24	-1°-52'-13
minimum elong	-2243 Jan 14 j 20:54	7°♑39'13	1°52'08
evening rise	-2243 Jan 23 j 18:53	24°♑56'39	
	-2243 Jan 26 j 09:26	0°♒	
asc. node	-2243 Jan 29 j 22:55	6°♒39'11	
evening max el	-2243 Feb 09 j 05:25	21°♒26'01	18°49'56
retrograde	-2243 Feb 17 j 10:07	25°♒23'32	
evening set	-2243 Feb 19 j 18:50	25°♒05'05	
inferior conj	-2243 Feb 27 j 14:55	20°♒44'45	3°04'19
minimum elong	-2243 Feb 27 j 19:22	20°♒36'35	3°03'19
min. Earth dist.	-2243 Mar 02 j 21:20	18°♒22'26	0.57547 AU
morning rise	-2243 Mar 07 j 15:58	15°♒35'28	
desc. node	-2243 Mar 12 j 04:24	14°♒24'08	
direct	-2243 Mar 13 j 04:25	14°♒21'40	
morning max el	-2243 Mar 27 j 11:32	21°♒48'35	25°58'53
	-2243 Apr 03 j 15:47	0°♓	
	-2243 Apr 21 j 15:15	0°♈	
morning set	-2243 Apr 24 j 12:47	5°♈57'26	
asc. node	-2243 Apr 27 j 22:18	13°♈12'47	
superior conj	-2243 May 01 j 13:50	21°♈10'23	0°37'33
minimum elong	-2243 May 01 j 12:15	21°♈01'44	0°37'15
max. Earth dist.	-2243 May 02 j 04:17	22°♈29'23	1.32655 AU
	-2243 May 05 j 15:26	0°♉	
evening rise	-2243 May 08 j 16:11	6°♉23'37	
	-2243 May 21 j 06:31	0°♊	
desc. node	-2243 Jun 08 j 03:30	23°♊55'56	
evening max el	-2243 Jun 08 j 13:42	24°♊20'32	27°01'12
	-2243 Jun 16 j 04:28	0°♋	
retrograde	-2243 Jun 22 j 12:30	1°♋39'58	
	-2243 Jun 28 j 14:19	30°℞♊	
evening set	-2243 Jun 29 j 10:56	29°♊30'11	
min. Earth dist.	-2243 Jul 03 j 03:23	26°♊47'31	0.61141 AU
inferior conj	-2243 Jul 06 j 08:56	23°♊58'53	-4°-23'-2

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2243 Jul	06 j 11:24	23°♊53'30	4°22'46
morning rise	-2243 Jul	13 j 14:50	19°♊07'39	
direct	-2243 Jul	16 j 02:15	18°♊42'43	
morning max el	-2243 Jul	23 j 03:22	22°♊11'39	18°02'28
asc. node	-2243 Jul	24 j 21:35	24°♊04'41	
	-2243 Jul	29 j 04:53	0°♋	
morning set	-2243 Aug	08 j 01:50	17°♋19'29	
	-2243 Aug	14 j 23:50	0°♌	
superior conj	-2243 Aug	18 j 07:25	5°♌54'44	1°34'29
minimum elong	-2243 Aug	18 j 11:25	6°♌12'20	1°34'13
max. Earth dist.	-2243 Aug	25 j 20:36	18°♌50'42	1.41931 AU
evening rise	-2243 Aug	31 j 22:37	28°♌45'28	
	-2243 Sep	01 j 17:21	0°♍	
desc. node	-2243 Sep	04 j 02:55	3°♍46'39	
	-2243 Sep	21 j 21:13	0°♎	
greatest brilliancy	-2243 Sep	28 j 23:22	9°♎16'15	-0.3m
evening max el	-2243 Oct	03 j 17:05	14°♎36'31	22°18'41
retrograde	-2243 Oct	13 j 05:30	20°♎16'07	
evening set	-2243 Oct	17 j 16:53	18°♎29'07	
asc. node	-2243 Oct	20 j 20:44	15°♎07'57	
inferior conj	-2243 Oct	23 j 01:50	12°♎09'15	0°45'26
minimum elong	-2243 Oct	23 j 00:48	12°♎12'51	0°44'59
min. Earth dist.	-2243 Oct	23 j 01:33	12°♎10'14	0.67497 AU
morning rise	-2243 Oct	28 j 08:34	5°♎53'57	
direct	-2243 Nov	01 j 22:45	4°♎01'47	
morning max el	-2243 Nov	11 j 12:02	9°♎42'13	22°25'17
greatest brilliancy	-2243 Nov	16 j 04:10	14°♎57'35	-0.3m
	-2243 Nov	27 j 08:13	0°♏	
desc. node	-2243 Dec	01 j 02:22	5°♏29'03	
morning set	-2243 Dec	14 j 21:56	26°♏54'57	
	-2243 Dec	16 j 19:11	0°♐	
max. Earth dist.	-2243 Dec	20 j 08:19	5°♐55'03	1.40698 AU
superior conj	-2243 Dec	28 j 03:03	19°♐28'26	-1°-58'-6
minimum elong	-2243 Dec	28 j 03:00	19°♐28'11	1°58'10
	-2242 Jan	02 j 21:03	0°♑	
evening rise	-2242 Jan	07 j 05:57	8°♑11'36	
asc. node	-2242 Jan	16 j 19:58	25°♑22'34	
	-2242 Jan	19 j 22:31	0°♒	
evening max el	-2242 Jan	23 j 11:20	4°♒09'04	18°19'01
retrograde	-2242 Jan	30 j 16:15	7°♒43'49	
evening set	-2242 Feb	02 j 04:35	7°♒18'43	
inferior conj	-2242 Feb	09 j 08:37	2°♒37'27	3°45'59
minimum elong	-2242 Feb	09 j 10:55	2°♒32'32	3°45'42
	-2242 Feb	12 j 10:50	30°℞♑	
min. Earth dist.	-2242 Feb	12 j 17:52	29°♑45'42	0.59518 AU
morning rise	-2242 Feb	16 j 13:53	27°♑04'21	
direct	-2242 Feb	23 j 01:07	25°♑11'40	
desc. node	-2242 Feb	27 j 01:29	25°♑53'04	
	-2242 Mar	06 j 02:32	0°♒	
morning max el	-2242 Mar	09 j 07:40	2°♒52'19	27°06'48
	-2242 Mar	29 j 00:48	0°♓	
morning set	-2242 Apr	08 j 22:24	20°♓49'51	
	-2242 Apr	13 j 05:43	0°♈	
asc. node	-2242 Apr	14 j 19:20	3°♈24'54	
max. Earth dist.	-2242 Apr	15 j 17:25	5°♈25'43	1.32469 AU
superior conj	-2242 Apr	16 j 01:36	6°♈10'33	0°13'16
minimum elong	-2242 Apr	16 j 01:01	6°♈07'18	0°13'08
behind sun begin	-2242 Apr	15 j 22:13	5°♈52'01	
behind sun end	-2242 Apr	16 j 03:48	6°♈22'36	
evening rise	-2242 Apr	23 j 01:13	21°♈16'30	
	-2242 Apr	27 j 08:06	0°♉	
	-2242 May	16 j 00:57	0°♊	
evening max el	-2242 May	21 j 12:50	5°♊59'54	26°05'50
desc. node	-2242 May	26 j 00:33	9°♊43'52	
retrograde	-2242 Jun	04 j 14:44	13°♊15'39	
evening set	-2242 Jun	10 j 18:41	11°♊42'20	
min. Earth dist.	-2242 Jun	15 j 01:37	9°♊02'09	0.59085 AU
inferior conj	-2242 Jun	18 j 10:07	6°♊30'04	-4°-29'-45
minimum elong	-2242 Jun	18 j 09:21	6°♊31'32	4°29'41
morning rise	-2242 Jun	26 j 03:46	2°♊01'16	
direct	-2242 Jun	28 j 15:13	1°♊40'20	
morning max el	-2242 Jul	06 j 11:58	5°♊25'14	18°29'38
asc. node	-2242 Jul	11 j 18:39	11°♊52'29	
	-2242 Jul	22 j 01:52	0°♋	
morning set	-2242 Jul	22 j 15:00	1°♋03'03	
superior conj	-2242 Jul	31 j 17:05	18°♋21'38	1°46'29
minimum elong	-2242 Jul	31 j 18:36	18°♋28'43	1°46'28
	-2242 Aug	07 j 03:48	0°♌	
max. Earth dist.	-2242 Aug	08 j 00:48	1°♌31'37	1.40023 AU
evening rise	-2242 Aug	12 j 10:37	9°♌02'26	
desc. node	-2242 Aug	21 j 23:55	24°♌20'51	
	-2242 Aug	25 j 17:33	0°♍	
evening max el	-2242 Sep	16 j 06:43	28°♍05'20	23°39'02
	-2242 Sep	18 j 07:15	0°♎	
retrograde	-2242 Sep	26 j 22:02	4°♎22'14	
evening set	-2242 Oct	01 j 23:27	2°♎16'20	
	-2242 Oct	04 j 05:05	30°℞♍	
inferior conj	-2242 Oct	07 j 08:33	25°♍54'08	0°-7'-57
minimum elong	-2242 Oct	07 j 08:44	25°♍53'30	0°07'52
transit middle	-2242 Oct	07 j 08:44	25°♍53'30	0°07'52
transit begin	-2242 Oct	07 j 06:22	26°♍01'37	
transit end	-2242 Oct	07 j 11:07	25°♍45'23	
min. Earth dist.	-2242 Oct	06 j 22:04	26°♍29'58	0.67468 AU
asc. node	-2242 Oct	07 j 17:47	25°♍22'36	
morning rise	-2242 Oct	12 j 18:08	19°♍42'43	
direct	-2242 Oct	16 j 18:29	18°♍12'00	
morning max el	-2242 Oct	25 j 05:04	23°♍09'13	21°04'27
greatest brilliancy	-2242 Oct	30 j 18:38	29°♍38'46	-0.5m
	-2242 Oct	31 j 01:14	0°♎	
desc. node	-2242 Nov	17 j 23:25	25°♎48'13	
	-2242 Nov	20 j 17:08	0°♏	
morning set	-2242 Nov	24 j 05:36	5°♏28'03	
max. Earth dist.	-2242 Dec	02 j 11:46	18°♏39'05	1.42590 AU
	-2242 Dec	09 j 07:29	0°♐	
superior conj	-2242 Dec	09 j 12:41	0°♐22'08	-1°-50'-54
minimum elong	-2242 Dec	09 j 08:34	0°♐04'37	1°50'45
evening rise	-2242 Dec	21 j 03:14	20°♐44'26	
	-2242 Dec	26 j 07:41	0°♑	
asc. node	-2241 Jan	03 j 17:01	13°♑26'06	
evening max el	-2241 Jan	06 j 22:04	17°♑12'47	18°07'53
retrograde	-2241 Jan	13 j 13:56	20°♑39'17	
evening set	-2241 Jan	16 j 05:49	20°♑06'17	
inferior conj	-2241 Jan	22 j 20:47	15°♑03'18	3°57'41
minimum elong	-2241 Jan	22 j 20:35	15°♑03'48	3°57'39
min. Earth dist.	-2241 Jan	25 j 21:26	12°♑06'46	0.61567 AU
morning rise	-2241 Jan	29 j 08:55	9°♑14'21	
direct	-2241 Feb	05 j 08:09	6°♑48'13	
desc. node	-2241 Feb	13 j 22:35	9°♑58'14	
morning max el	-2241 Feb	19 j 09:52	14°♑34'52	27°41'13
	-2241 Mar	03 j 22:06	0°♒	
	-2241 Mar	21 j 10:47	0°♓	
morning set	-2241 Mar	24 j 03:57	5°♓27'27	
max. Earth dist.	-2241 Mar	30 j 04:53	18°♓13'28	1.32639 AU
superior conj	-2241 Mar	31 j 12:25	21°♓04'46	0°-12'-15
minimum elong	-2241 Mar	31 j 12:59	21°♓07'50	0°12'09
behind sun begin	-2241 Mar	31 j 09:42	20°♓49'56	
behind sun end	-2241 Mar	31 j 16:16	21°♓25'43	
asc. node	-2241 Apr	01 j 16:23	23°♓37'12	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2241 Apr 04 j 14:44	0°♈	
evening rise	-2241 Apr 07 j 12:29	6°♈13'09	
	-2241 Apr 20 j 03:40	0°♉	
evening max el	-2241 May 03 j 06:14	17°♉00'25	24°45'07
desc. node	-2241 May 12 j 21:36	23°♉21'40	
retrograde	-2241 May 17 j 06:00	24°♉05'17	
evening set	-2241 May 22 j 04:09	23°♉10'15	
min. Earth dist.	-2241 May 27 j 18:10	20°♉16'07	0.57173 AU
inferior conj	-2241 May 30 j 15:48	18°♉21'55	-4°-4'-15
minimum elong	-2241 May 30 j 11:02	18°♉29'49	4°03'29
morning rise	-2241 Jun 07 j 21:53	14°♉13'10	
direct	-2241 Jun 10 j 10:22	13°♉55'08	
morning max el	-2241 Jun 19 j 12:48	18°♉09'27	19°17'20
	-2241 Jun 28 j 09:43	0°♊	
asc. node	-2241 Jun 28 j 15:43	0°♊25'23	
morning set	-2241 Jul 06 j 13:34	15°♊16'13	
	-2241 Jul 13 j 23:21	0°♋	
superior conj	-2241 Jul 14 j 20:14	1°♋41'58	1°47'56
minimum elong	-2241 Jul 14 j 19:38	1°♋39'06	1°47'59
max. Earth dist.	-2241 Jul 21 j 03:07	13°♋35'37	1.38055 AU
evening rise	-2241 Jul 25 j 00:12	20°♋33'30	
	-2241 Jul 30 j 12:58	0°♌	
desc. node	-2241 Aug 08 j 20:55	14°♌42'39	
	-2241 Aug 19 j 18:10	0°♍	
evening max el	-2241 Aug 29 j 18:08	11°♍37'36	24°57'27
retrograde	-2241 Sep 10 j 10:28	18°♍24'55	
evening set	-2241 Sep 16 j 02:54	16°♍00'55	
min. Earth dist.	-2241 Sep 20 j 16:36	10°♍49'46	0.67131 AU
inferior conj	-2241 Sep 21 j 13:40	9°♍40'12	-1°-2'-23
minimum elong	-2241 Sep 21 j 15:11	9°♍35'12	1°01'45
asc. node	-2241 Sep 24 j 14:52	5°♍53'11	
morning rise	-2241 Sep 27 j 03:52	3°♍35'52	
direct	-2241 Sep 30 j 16:21	2°♍24'13	
morning max el	-2241 Oct 08 j 05:28	6°♍45'09	19°54'55
greatest brilliancy	-2241 Oct 15 j 19:57	16°♍11'43	-0.6m
	-2241 Oct 25 j 05:22	0°♎	
morning set	-2241 Nov 03 j 02:55	13°♎38'39	
desc. node	-2241 Nov 04 j 20:25	16°♎19'32	
	-2241 Nov 13 j 13:37	0°♏	
max. Earth dist.	-2241 Nov 14 j 22:58	2°♏12'36	1.44018 AU
superior conj	-2241 Nov 19 j 19:08	9°♏59'34	-1°-26'-54
minimum elong	-2241 Nov 19 j 11:42	9°♏29'27	1°26'14
	-2241 Dec 01 j 19:54	0°♐	
evening rise	-2241 Dec 03 j 06:17	2°♐26'25	
	-2241 Dec 20 j 23:21	0°♑	
evening max el	-2241 Dec 21 j 10:39	0°♑29'27	18°15'58
asc. node	-2241 Dec 21 j 14:04	0°♑38'00	
retrograde	-2241 Dec 27 j 23:03	4°♑00'17	
evening set	-2241 Dec 30 j 18:51	3°♑18'22	
	-2240 Jan 04 j 00:33	30°℞♐	
inferior conj	-2240 Jan 05 j 23:38	27°♐54'46	3°47'45
minimum elong	-2240 Jan 05 j 21:38	28°♐00'14	3°47'28
min. Earth dist.	-2240 Jan 08 j 10:10	25°♐14'32	0.63425 AU
morning rise	-2240 Jan 11 j 22:49	21°♐54'58	
direct	-2240 Jan 18 j 23:08	19°♐09'04	
desc. node	-2240 Jan 31 j 19:40	26°♐04'17	
morning max el	-2240 Feb 01 j 17:00	26°♐56'02	27°39'10
	-2240 Feb 04 j 14:51	0°♑	
	-2240 Feb 25 j 12:27	0°♒	
morning set	-2240 Mar 07 j 03:05	19°♒42'24	
	-2240 Mar 12 j 03:18	0°♓	
max. Earth dist.	-2240 Mar 12 j 10:51	0°♓39'48	1.33191 AU
superior conj	-2240 Mar 14 j 20:33	5°♓47'09	0°-38'-4
minimum elong	-2240 Mar 14 j 22:18	5°♓56'32	0°37'45
asc. node	-2240 Mar 18 j 13:25	13°♓45'45	
evening rise	-2240 Mar 22 j 00:12	21°♓07'13	
	-2240 Mar 26 j 08:38	0°♈	
evening max el	-2240 Apr 13 j 21:49	27°♈41'01	23°11'30
	-2240 Apr 16 j 13:20	0°♉	
retrograde	-2240 Apr 27 j 08:23	4°♉20'46	
desc. node	-2240 Apr 28 j 18:40	4°♉16'13	
evening set	-2240 Apr 30 j 21:46	3°♉53'05	
min. Earth dist.	-2240 May 08 j 08:00	0°♉32'49	0.55744 AU
	-2240 May 09 j 06:30	30°℞♈	
inferior conj	-2240 May 10 j 01:56	29°♈31'28	-2°-57'-7
minimum elong	-2240 May 09 j 19:26	29°♈41'00	2°55'20
morning rise	-2240 May 18 j 20:13	25°♈35'12	
direct	-2240 May 21 j 11:09	25°♈18'34	
	-2240 May 31 j 20:30	0°♉	
morning max el	-2240 Jun 01 j 03:32	0°♉16'05	20°25'33
asc. node	-2240 Jun 14 j 12:47	19°♉32'49	
morning set	-2240 Jun 19 j 18:39	29°♉51'46	
	-2240 Jun 19 j 20:16	0°♊	
superior conj	-2240 Jun 27 j 11:59	15°♊42'23	1°41'19
minimum elong	-2240 Jun 27 j 10:03	15°♊32'33	1°41'15
max. Earth dist.	-2240 Jul 02 j 09:26	25°♊24'55	1.36255 AU
	-2240 Jul 04 j 19:01	0°♋	
evening rise	-2240 Jul 06 j 11:52	3°♋10'34	
	-2240 Jul 22 j 12:19	0°♌	
desc. node	-2240 Jul 25 j 17:54	4°♌46'21	
evening max el	-2240 Aug 11 j 05:20	25°♌11'44	26°06'01
	-2240 Aug 17 j 01:48	0°♍	
retrograde	-2240 Aug 23 j 18:07	2°♍19'43	
	-2240 Aug 29 j 16:09	30°℞♌	
evening set	-2240 Aug 30 j 01:18	29°♌41'04	
min. Earth dist.	-2240 Sep 03 j 06:43	25°♌07'34	0.66466 AU
inferior conj	-2240 Sep 04 j 15:23	23°♌25'26	-1°-56'-9
minimum elong	-2240 Sep 04 j 18:10	23°♌16'43	1°55'04
morning rise	-2240 Sep 10 j 11:50	17°♌31'27	
asc. node	-2240 Sep 10 j 11:57	17°♌31'17	
direct	-2240 Sep 13 j 14:38	16°♌35'41	
morning max el	-2240 Sep 20 j 12:52	20°♌29'29	18°59'49
	-2240 Sep 27 j 23:29	0°♍	
morning set	-2240 Oct 12 j 13:58	22°♍35'49	
	-2240 Oct 17 j 06:48	0°♎	
desc. node	-2240 Oct 21 j 17:24	6°♎58'59	
max. Earth dist.	-2240 Oct 27 j 15:37	16°♎18'23	1.44800 AU
superior conj	-2240 Oct 29 j 01:55	18°♎33'39	0°-46'-9
minimum elong	-2240 Oct 28 j 20:08	18°♎10'51	0°45'29
	-2240 Nov 05 j 06:51	0°♏	
evening rise	-2240 Nov 13 j 10:51	13°♏09'58	
	-2240 Nov 23 j 20:38	0°♐	
evening max el	-2240 Dec 03 j 22:23	13°♐52'49	18°42'18
asc. node	-2240 Dec 07 j 11:07	16°♐43'54	
retrograde	-2240 Dec 10 j 15:23	17°♐38'38	
evening set	-2240 Dec 13 j 16:17	16°♐46'22	
inferior conj	-2240 Dec 19 j 13:23	11°♐04'38	3°22'40
minimum elong	-2240 Dec 19 j 10:32	11°♐13'15	3°21'59
min. Earth dist.	-2240 Dec 21 j 08:48	8°♐53'59	0.64954 AU
morning rise	-2240 Dec 25 j 03:40	4°♐56'56	
direct	-2240 Dec 31 j 20:49	2°♐06'18	
morning max el	-2239 Jan 14 j 02:32	9°♐46'18	27°03'27
desc. node	-2239 Jan 17 j 16:43	13°♐37'05	
	-2239 Jan 30 j 01:56	0°♑	
	-2239 Feb 16 j 21:55	0°♒	
morning set	-2239 Feb 18 j 16:38	3°♒23'51	
max. Earth dist.	-2239 Feb 23 j 07:32	12°♒33'35	1.34170 AU
superior conj	-2239 Feb 26 j 23:57	20°♒10'12	-1°-3'-8

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2239 Feb 27 j 02:44	20°♒24'49	1°02'41
	-2239 Mar 03 j 15:39	0°♓	
asc. node	-2239 Mar 05 j 10:26	3°♓45'35	
evening rise	-2239 Mar 06 j 10:30	5°♓51'18	
	-2239 Mar 19 j 17:29	0°♈	
evening max el	-2239 Mar 26 j 17:52	8°♈28'18	21°39'11
retrograde	-2239 Apr 08 j 00:17	14°♈25'15	
evening set	-2239 Apr 10 j 14:08	14°♈10'16	
desc. node	-2239 Apr 15 j 15:44	12°♈25'01	
inferior conj	-2239 Apr 19 j 22:36	10°♈08'01	-1°-11'-57
minimum elong	-2239 Apr 19 j 19:15	10°♈12'43	1°10'47
min. Earth dist.	-2239 Apr 19 j 21:20	10°♈09'48	0.55100 AU
morning rise	-2239 Apr 29 j 01:04	6°♈08'47	
direct	-2239 May 01 j 23:24	5°♈49'54	
morning max el	-2239 May 14 j 07:21	11°♈40'04	21°52'03
	-2239 May 27 j 14:55	0°♉	
asc. node	-2239 Jun 01 j 09:49	9°♉05'03	
morning set	-2239 Jun 04 j 03:53	14°♉41'44	
	-2239 Jun 11 j 10:30	0°♊	
superior conj	-2239 Jun 11 j 12:28	0°♊10'18	1°28'38
minimum elong	-2239 Jun 11 j 09:56	29°♉56'59	1°28'24
max. Earth dist.	-2239 Jun 15 j 00:05	7°♊22'10	1.34765 AU
evening rise	-2239 Jun 19 j 16:19	16°♊38'27	
	-2239 Jun 26 j 22:51	0°♋	
desc. node	-2239 Jul 12 j 14:55	24°♋23'20	
	-2239 Jul 16 j 22:01	0°♌	
evening max el	-2239 Jul 24 j 16:50	8°♌40'34	26°57'00
retrograde	-2239 Aug 06 j 20:45	15°♌59'42	
evening set	-2239 Aug 13 j 16:20	13°♌13'28	
min. Earth dist.	-2239 Aug 17 j 14:06	9°♌18'21	0.65433 AU
inferior conj	-2239 Aug 19 j 11:38	7°♌06'16	-2°-47'-16
minimum elong	-2239 Aug 19 j 15:26	6°♌55'14	2°46'00
morning rise	-2239 Aug 25 j 15:51	1°♌25'53	
direct	-2239 Aug 28 j 11:17	0°♌42'30	
asc. node	-2239 Aug 28 j 09:01	0°♌42'33	
morning max el	-2239 Sep 04 j 01:23	4°♌18'26	18°20'55
	-2239 Sep 21 j 09:43	0°♍	
morning set	-2239 Sep 23 j 03:58	2°♍53'07	
superior conj	-2239 Oct 08 j 02:14	26°♍55'19	0°03'17
minimum elong	-2239 Oct 08 j 02:39	26°♍56'57	0°03'14
behind sun begin	-2239 Oct 07 j 15:40	26°♍13'27	
behind sun end	-2239 Oct 08 j 13:39	27°♍40'25	
desc. node	-2239 Oct 08 j 14:22	27°♍43'18	
	-2239 Oct 10 j 01:00	0°♎	
max. Earth dist.	-2239 Oct 10 j 10:07	0°♎35'54	1.44852 AU
evening rise	-2239 Oct 24 j 15:07	22°♎52'48	
	-2239 Oct 29 j 04:19	0°♏	
greatest brilliancy	-2239 Nov 08 j 03:40	15°♏19'44	-0.7m
evening max el	-2239 Nov 17 j 06:56	27°♏19'12	19°25'37
	-2239 Nov 20 j 08:55	0°♐	
retrograde	-2239 Nov 24 j 11:38	1°♐28'51	
asc. node	-2239 Nov 24 j 08:10	1°♐28'44	
evening set	-2239 Nov 27 j 19:23	0°♐24'19	
	-2239 Nov 28 j 09:18	30°℞♏	
inferior conj	-2239 Dec 03 j 10:55	24°♏27'35	2°46'56
minimum elong	-2239 Dec 03 j 07:57	24°♏37'10	2°46'01
min. Earth dist.	-2239 Dec 04 j 16:18	22°♏52'46	0.66113 AU
morning rise	-2239 Dec 08 j 19:43	18°♏14'29	
direct	-2239 Dec 15 j 00:41	15°♏31'38	
morning max el	-2239 Dec 27 j 12:04	22°♏53'16	26°01'10
	-2238 Jan 02 j 19:53	0°♐	
desc. node	-2238 Jan 04 j 13:45	2°♐11'11	
	-2238 Jan 23 j 09:09	0°♑	
morning set	-2238 Feb 01 j 16:27	16°♑19'36	
max. Earth dist.	-2238 Feb 05 j 16:22	23°♑53'17	1.35595 AU
	-2238 Feb 08 j 19:04	0°♒	
superior conj	-2238 Feb 10 j 20:11	4°♒06'53	-1°-25'-57
minimum elong	-2238 Feb 10 j 23:35	4°♒24'09	1°25'33
evening rise	-2238 Feb 18 j 17:29	20°♒19'21	
asc. node	-2238 Feb 20 j 07:28	23°♒32'11	
	-2238 Feb 23 j 14:28	0°♓	
evening max el	-2238 Mar 08 j 23:41	19°♓45'48	20°19'06
retrograde	-2238 Mar 19 j 14:44	24°♓50'06	
evening set	-2238 Mar 21 j 20:02	24°♓37'45	
inferior conj	-2238 Mar 30 j 19:06	20°♓39'23	0°45'49
minimum elong	-2238 Mar 30 j 21:08	20°♓36'23	0°45'06
min. Earth dist.	-2238 Apr 01 j 11:27	19°♓39'47	0.55402 AU
desc. node	-2238 Apr 02 j 12:48	19°♓03'18	
morning rise	-2238 Apr 08 j 19:53	16°♓18'12	
direct	-2238 Apr 12 j 12:32	15°♓48'25	
morning max el	-2238 Apr 26 j 02:15	22°♓28'32	23°30'12
	-2238 May 02 j 16:40	0°♈	
asc. node	-2238 May 19 j 06:51	28°♈55'21	
morning set	-2238 May 19 j 15:25	29°♈40'08	
	-2238 May 19 j 19:12	0°♉	
superior conj	-2238 May 26 j 18:46	14°♉56'33	1°11'23
minimum elong	-2238 May 26 j 16:15	14°♉43'01	1°11'01
max. Earth dist.	-2238 May 29 j 00:18	19°♉41'39	1.33652 AU
evening rise	-2238 Jun 03 j 08:57	0°♊43'56	
	-2238 Jun 03 j 00:10	0°♊	
	-2238 Jun 19 j 22:34	0°♋	
desc. node	-2238 Jun 29 j 11:57	13°♋22'08	
evening max el	-2238 Jul 07 j 03:45	21°♋53'44	27°23'10
retrograde	-2238 Jul 20 j 17:52	29°♋16'11	
evening set	-2238 Jul 27 j 21:00	26°♋33'26	
min. Earth dist.	-2238 Jul 31 j 12:50	23°♋13'46	0.64022 AU
inferior conj	-2238 Aug 02 j 23:59	20°♋37'47	-3°-32'-57
minimum elong	-2238 Aug 03 j 04:12	20°♋26'39	3°31'52
morning rise	-2238 Aug 09 j 13:17	15°♋14'03	
direct	-2238 Aug 12 j 03:46	14°♋39'52	
asc. node	-2238 Aug 15 j 06:05	15°♋28'23	
morning max el	-2238 Aug 18 j 16:26	18°♋06'22	17°59'15
	-2238 Aug 27 j 07:48	0°♌	
morning set	-2238 Sep 04 j 20:47	14°♌27'29	
	-2238 Sep 14 j 01:11	0°♍	
superior conj	-2238 Sep 17 j 18:08	6°♍05'58	0°48'41
minimum elong	-2238 Sep 17 j 23:03	6°♍26'01	0°48'06
max. Earth dist.	-2238 Sep 23 j 03:00	14°♍45'26	1.44188 AU
desc. node	-2238 Sep 25 j 11:21	18°♍29'09	
	-2238 Oct 02 j 20:10	0°♎	
evening rise	-2238 Oct 04 j 00:29	1°♎49'25	
	-2238 Oct 22 j 20:39	0°♏	
greatest brilliancy	-2238 Oct 25 j 01:26	3°♏01'36	-0.6m
evening max el	-2238 Oct 31 j 10:30	10°♏46'00	20°23'57
retrograde	-2238 Nov 08 j 09:03	15°♏26'41	
asc. node	-2238 Nov 11 j 05:14	14°♏40'11	
evening set	-2238 Nov 12 j 01:50	14°♏07'30	
inferior conj	-2238 Nov 17 j 13:35	7°♏59'11	2°03'38
minimum elong	-2238 Nov 17 j 11:04	8°♏07'40	2°02'43
min. Earth dist.	-2238 Nov 18 j 06:31	7°♏02'00	0.66916 AU
morning rise	-2238 Nov 22 j 19:46	1°♏43'11	
	-2238 Nov 25 j 08:01	30°℞♎	
direct	-2238 Nov 28 j 10:02	29°♎16'49	
	-2238 Dec 01 j 17:45	0°♏	
morning max el	-2238 Dec 09 j 20:33	6°♏05'55	24°41'34
desc. node	-2238 Dec 22 j 10:46	21°♏28'07	
	-2238 Dec 28 j 10:06	0°♐	
morning set	-2237 Jan 14 j 20:59	28°♐12'58	
	-2237 Jan 15 j 21:10	0°♑	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

max. Earth dist.	-2237 Jan 18 j 14:43	4°♑55'35	1.37428 AU	
	-2237 Jan 25 j 06:03	17°♑27'34	-1°-44'-31	
superior conj	-2237 Jan 25 j 09:15	17°♑43'07	1°44'18	
minimum elong	-2237 Jan 31 j 14:01	0°♒		
evening rise	-2237 Feb 02 j 18:53	4°♒24'07		
asc. node	-2237 Feb 07 j 04:30	12°♒59'34		
	-2237 Feb 18 j 01:43	0°♓		
evening max el	-2237 Feb 19 j 16:24	1°♓40'23	19°16'53	
retrograde	-2237 Feb 28 j 15:50	5°♓57'42		
evening set	-2237 Mar 02 j 22:30	5°♓42'22		
inferior conj	-2237 Mar 11 j 04:49	1°♓33'01	2°23'52	
minimum elong	-2237 Mar 11 j 09:31	1°♓25'09	2°22'33	
	-2237 Mar 13 j 12:26	30°℞♒		
min. Earth dist.	-2237 Mar 14 j 02:38	29°♒36'52	0.56577 AU	
morning rise	-2237 Mar 19 j 16:37	26°♒40'53		
desc. node	-2237 Mar 20 j 09:52	26°♒26'11		
direct	-2237 Mar 24 j 13:03	25°♒46'32		
	-2237 Apr 04 j 04:54	0°♓		
morning max el	-2237 Apr 07 j 17:03	3°♓01'17	25°08'19	
	-2237 Apr 26 j 17:34	0°♈		
morning set	-2237 May 04 j 03:32	14°♈41'18		
asc. node	-2237 May 06 j 03:54	18°♈58'13		
superior conj	-2237 May 11 j 04:39	29°♈53'40	0°50'41	
minimum elong	-2237 May 11 j 02:37	29°♈42'37	0°50'19	
	-2237 May 11 j 05:49	0°♉		
max. Earth dist.	-2237 May 12 j 08:21	2°♉24'09	1.32915 AU	
evening rise	-2237 May 18 j 10:08	15°♉15'39		
	-2237 May 26 j 00:47	0°♊		
	-2237 Jun 15 j 02:04	0°♋		
desc. node	-2237 Jun 16 j 08:59	1°♋26'40		
evening max el	-2237 Jun 19 j 12:08	4°♋39'20	27°18'49	
retrograde	-2237 Jul 03 j 08:39	12°♋00'07		
evening set	-2237 Jul 10 j 11:37	9°♋34'38		
min. Earth dist.	-2237 Jul 14 j 01:43	6°♋42'07	0.62266 AU	
inferior conj	-2237 Jul 17 j 01:31	3°♋53'34	-4°-9'-3	
minimum elong	-2237 Jul 17 j 05:04	3°♋45'12	4°08'27	
	-2237 Jul 21 j 17:51	30°℞♊		
morning rise	-2237 Jul 24 j 01:01	28°♊49'28		
direct	-2237 Jul 26 j 12:58	28°♊21'42		
	-2237 Jul 31 j 04:17	0°♋		
asc. node	-2237 Aug 02 j 03:09	1°♋37'19		
morning max el	-2237 Aug 02 j 07:15	1°♋47'16	17°55'47	
morning set	-2237 Aug 18 j 11:07	27°♋04'06		
	-2237 Aug 20 j 02:14	0°♌		
superior conj	-2237 Aug 29 j 12:59	16°♌36'57	1°21'48	
minimum elong	-2237 Aug 29 j 18:05	16°♌58'46	1°21'19	
max. Earth dist.	-2237 Sep 05 j 16:08	28°♌32'04	1.42900 AU	
	-2237 Sep 06 j 13:44	0°♍		
desc. node	-2237 Sep 12 j 08:23	9°♍13'43		
evening rise	-2237 Sep 13 j 07:05	10°♍42'42		
	-2237 Sep 26 j 00:16	0°♎		
greatest brilliancy	-2237 Oct 09 j 08:38	18°♎30'04	-0.4m	
evening max el	-2237 Oct 14 j 08:14	24°♎13'26	21°34'20	
retrograde	-2237 Oct 23 j 05:40	29°♎30'16		
evening set	-2237 Oct 27 j 09:42	27°♎54'00		
asc. node	-2237 Oct 29 j 02:17	26°♎19'57		
inferior conj	-2237 Nov 01 j 19:17	21°♎37'31	1°15'05	
minimum elong	-2237 Nov 01 j 17:37	21°♎43'15	1°14'24	
min. Earth dist.	-2237 Nov 02 j 01:04	21°♎17'33	0.67385 AU	
morning rise	-2237 Nov 07 j 01:13	15°♎21'16		
direct	-2237 Nov 12 j 00:08	13°♎16'04		
morning max el	-2237 Nov 22 j 05:48	19°♎22'02	23°14'43	
greatest brilliancy	-2237 Nov 27 j 10:17	25°♎12'16	-0.3m	
	-2237 Dec 01 j 04:53	0°♏		
desc. node	-2237 Dec 09 j 07:49	11°♏15'54		
	-2237 Dec 21 j 14:48	0°♐		
morning set	-2237 Dec 26 j 23:59	8°♐48'05		
max. Earth dist.	-2237 Dec 31 j 09:56	16°♐19'13	1.39508 AU	
superior conj	-2236 Jan 08 j 01:23	0°♑01'36	-1°-56'-3	
minimum elong	-2236 Jan 08 j 03:01	0°♑09'10	1°56'04	
	-2236 Jan 08 j 01:03	0°♑		
evening rise	-2236 Jan 17 j 12:04	17°♑59'11		
	-2236 Jan 23 j 21:56	0°♒		
asc. node	-2236 Jan 25 j 01:33	2°♒01'11		
evening max el	-2236 Feb 02 j 18:18	14°♒07'59	18°34'22	
retrograde	-2236 Feb 10 j 11:12	17°♒53'29		
evening set	-2236 Feb 12 j 21:42	17°♒32'14		
inferior conj	-2236 Feb 20 j 10:36	13°♒03'18	3°26'10	
minimum elong	-2236 Feb 20 j 14:18	12°♒56'03	3°25'31	
min. Earth dist.	-2236 Feb 23 j 20:06	10°♒25'39	0.58359 AU	
morning rise	-2236 Feb 28 j 03:11	7°♒43'12		
direct	-2236 Mar 05 j 02:42	6°♒12'53		
desc. node	-2236 Mar 06 j 06:57	6°♒16'23		
morning max el	-2236 Mar 19 j 09:51	13°♒46'14	26°31'27	
	-2236 Apr 01 j 07:11	0°♓		
morning set	-2236 Apr 17 j 14:33	29°♓38'45		
	-2236 Apr 17 j 18:37	0°♈		
asc. node	-2236 Apr 22 j 00:56	9°♈08'15		
superior conj	-2236 Apr 24 j 16:12	14°♈54'22	0°27'28	
minimum elong	-2236 Apr 24 j 15:00	14°♈47'50	0°27'13	
max. Earth dist.	-2236 Apr 24 j 20:52	15°♈19'59	1.32533 AU	
evening rise	-2236 May 01 j 16:58	0°♉03'21		
	-2236 May 01 j 16:19	0°♉		
	-2236 May 18 j 05:44	0°♊		
evening max el	-2236 May 31 j 15:16	16°♊44'58	26°41'27	
desc. node	-2236 Jun 02 j 06:03	18°♊13'25		
retrograde	-2236 Jun 14 j 15:33	24°♊02'21		
evening set	-2236 Jun 21 j 07:43	22°♊07'21		
min. Earth dist.	-2236 Jun 25 j 04:41	19°♊27'54	0.60272 AU	
inferior conj	-2236 Jun 28 j 12:39	16°♊43'57	-4°-29'-5	
minimum elong	-2236 Jun 28 j 13:57	16°♊41'17	4°29'00	
morning rise	-2236 Jul 05 j 23:23	12°♊01'54		
direct	-2236 Jul 08 j 10:46	11°♊38'42		
morning max el	-2236 Jul 15 j 18:54	15°♊12'54	18°11'30	
asc. node	-2236 Jul 19 j 00:13	18°♊53'09		
	-2236 Jul 26 j 01:16	0°♋		
morning set	-2236 Jul 31 j 17:15	10°♋26'41		
superior conj	-2236 Aug 10 j 09:56	28°♋25'27	1°41'02	
minimum elong	-2236 Aug 10 j 12:54	28°♋38'49	1°40'53	
	-2236 Aug 11 j 07:00	0°♌		
max. Earth dist.	-2236 Aug 17 j 23:59	11°♌41'01	1.41152 AU	
evening rise	-2236 Aug 23 j 05:08	20°♌19'57		
desc. node	-2236 Aug 29 j 05:24	29°♌52'50		
	-2236 Aug 29 j 07:15	0°♍		
	-2236 Sep 19 j 07:47	0°♎		
greatest brilliancy	-2236 Sep 20 j 23:46	2°♎03'35	-0.3m	
evening max el	-2236 Sep 26 j 00:23	7°♎41'19	22°52'37	
retrograde	-2236 Oct 05 j 23:58	13°♎36'32		
evening set	-2236 Oct 10 j 17:16	11°♎41'26		
asc. node	-2236 Oct 14 j 23:21	6°♎52'02		
inferior conj	-2236 Oct 16 j 02:07	5°♎20'19	0°23'01	
minimum elong	-2236 Oct 16 j 01:34	5°♎22'10	0°22'46	
min. Earth dist.	-2236 Oct 15 j 21:28	5°♎36'19	0.67531 AU	
	-2236 Oct 20 j 09:47	30°℞♍		
morning rise	-2236 Oct 21 j 09:51	29°♍06'32		
direct	-2236 Oct 25 j 18:02	27°♍23'40		
	-2236 Oct 31 j 18:38	0°♎		
morning max el	-2236 Nov 03 j 19:13	2°♎44'26	21°49'45	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

greatest brilliancy	-2236 Nov 08 j 16:15	8°♎17'19	-0.4m
	-2236 Nov 24 j 05:58	0°♏	
desc. node	-2236 Nov 25 j 04:52	1°♏25'43	
morning set	-2236 Dec 05 j 22:04	18°♏00'12	
max. Earth dist.	-2236 Dec 12 j 09:51	28°♏34'11	1.41550 AU
	-2236 Dec 13 j 06:26	0°♐	
superior conj	-2236 Dec 20 j 00:58	11°♐36'02	-1°-56'-54
minimum elong	-2236 Dec 19 j 23:18	11°♐28'44	1°56'56
	-2236 Dec 30 j 05:17	0°♑	
evening rise	-2236 Dec 30 j 17:48	0°♑57'41	
asc. node	-2235 Jan 10 j 22:36	20°♑29'03	
evening max el	-2235 Jan 16 j 02:38	27°♑00'59	18°11'51
	-2235 Jan 20 j 09:41	0°♒	
retrograde	-2235 Jan 23 j 00:40	0°♒30'38	
evening set	-2235 Jan 25 j 14:34	0°♒02'12	
	-2235 Jan 25 j 16:58	30°℞♑	
inferior conj	-2235 Feb 01 j 12:36	25°♑11'18	3°54'07
minimum elong	-2235 Feb 01 j 13:48	25°♑08'35	3°54'01
min. Earth dist.	-2235 Feb 04 j 19:03	22°♑14'53	0.60397 AU
morning rise	-2235 Feb 08 j 10:07	19°♑30'44	
direct	-2235 Feb 15 j 03:47	17°♑22'56	
desc. node	-2235 Feb 21 j 04:02	18°♑55'52	
morning max el	-2235 Mar 01 j 08:38	25°♑06'09	27°26'04
	-2235 Mar 05 j 21:16	0°♒	
	-2235 Mar 25 j 13:55	0°♓	
morning set	-2235 Apr 01 j 22:43	14°♓26'05	
max. Earth dist.	-2235 Apr 08 j 09:59	28°♓15'36	1.32497 AU
asc. node	-2235 Apr 08 j 21:59	29°♓21'12	
superior conj	-2235 Apr 09 j 03:46	29°♓52'49	0°02'33
minimum elong	-2235 Apr 09 j 03:39	29°♓52'10	0°02'32
behind sun begin	-2235 Apr 08 j 22:40	29°♓24'57	
behind sun end	-2235 Apr 09 j 08:37	0°♈19'24	
	-2235 Apr 09 j 05:05	0°♈	
evening rise	-2235 Apr 16 j 03:12	14°♈58'58	
	-2235 Apr 23 j 16:53	0°♉	
evening max el	-2235 May 13 j 11:39	28°♉06'17	25°33'57
	-2235 May 15 j 14:14	0°♊	
desc. node	-2235 May 20 j 03:05	3°♊10'59	
retrograde	-2235 May 27 j 13:06	5°♊18'23	
evening set	-2235 Jun 02 j 05:48	4°♊01'38	
min. Earth dist.	-2235 Jun 06 j 23:46	1°♊17'37	0.58242 AU
	-2235 Jun 08 j 19:56	30°℞♉	
inferior conj	-2235 Jun 10 j 05:47	28°♉59'12	-4°-23'-33
minimum elong	-2235 Jun 10 j 03:17	29°♉03'42	4°23'19
morning rise	-2235 Jun 18 j 04:40	24°♉39'40	
direct	-2235 Jun 20 j 16:40	24°♉20'00	
morning max el	-2235 Jun 29 j 00:31	28°♉15'06	18°47'23
	-2235 Jun 30 j 17:16	0°♊	
asc. node	-2235 Jul 05 j 21:17	7°♊01'33	
morning set	-2235 Jul 15 j 10:47	24°♊23'55	
	-2235 Jul 18 j 07:30	0°♋	
superior conj	-2235 Jul 24 j 03:44	11°♋17'11	1°48'13
minimum elong	-2235 Jul 24 j 04:16	11°♋19'46	1°48'16
max. Earth dist.	-2235 Jul 31 j 03:01	24°♋05'32	1.39183 AU
	-2235 Aug 03 j 12:11	0°♌	
evening rise	-2235 Aug 04 j 04:06	1°♌08'11	
desc. node	-2235 Aug 16 j 02:24	20°♌22'23	
	-2235 Aug 22 j 14:59	0°♍	
evening max el	-2235 Sep 08 j 12:38	21°♍10'58	24°12'59
retrograde	-2235 Sep 19 j 14:51	27°♍41'54	
evening set	-2235 Sep 24 j 22:44	25°♍27'44	
min. Earth dist.	-2235 Sep 29 j 17:21	19°♍56'16	0.67367 AU
inferior conj	-2235 Sep 30 j 08:21	19°♍05'38	0°-31'00
minimum elong	-2235 Sep 30 j 09:05	19°♍03'08	0°30'42

asc. node	-2235 Oct 01 j 20:25	17°♍05'54	
morning rise	-2235 Oct 05 j 19:42	12°♍57'07	
direct	-2235 Oct 09 j 14:42	11°♍35'04	
morning max el	-2235 Oct 17 j 15:26	16°♍15'38	20°33'15
greatest brilliancy	-2235 Oct 23 j 22:01	23°♍45'01	-0.5m
	-2235 Oct 28 j 10:42	0°♎	
desc. node	-2235 Nov 12 j 01:53	21°♎50'34	
morning set	-2235 Nov 14 j 22:30	26°♎15'32	
	-2235 Nov 17 j 08:07	0°♏	
max. Earth dist.	-2235 Nov 24 j 16:58	11°♏41'52	1.43265 AU
superior conj	-2235 Nov 30 j 23:13	21°♏57'05	-1°-42'-54
minimum elong	-2235 Nov 30 j 17:21	21°♏32'42	1°42'32
	-2235 Dec 05 j 17:48	0°♐	
evening rise	-2235 Dec 13 j 07:54	13°♐10'16	
	-2235 Dec 23 j 02:41	0°♑	
asc. node	-2235 Dec 28 j 19:39	8°♑12'11	
evening max el	-2235 Dec 30 j 14:24	10°♑10'34	18°08'58
retrograde	-2234 Jan 06 j 03:54	13°♑37'57	
evening set	-2234 Jan 08 j 21:14	13°♑01'24	
inferior conj	-2234 Jan 15 j 07:31	7°♑49'16	3°55'43
minimum elong	-2234 Jan 15 j 06:26	7°♑52'02	3°55'35
min. Earth dist.	-2234 Jan 18 j 02:27	4°♑57'27	0.62386 AU
morning rise	-2234 Jan 21 j 13:34	1°♑54'55	
	-2234 Jan 24 j 22:57	30°℞♐	
direct	-2234 Jan 28 j 14:14	29°♐18'36	
	-2234 Feb 01 j 09:43	0°♑	
desc. node	-2234 Feb 08 j 01:06	3°♑56'53	
morning max el	-2234 Feb 11 j 13:27	7°♑06'42	27°44'50
	-2234 Mar 01 j 01:14	0°♒	
morning set	-2234 Mar 17 j 01:51	28°♒55'01	
	-2234 Mar 17 j 14:38	0°♓	
max. Earth dist.	-2234 Mar 22 j 19:37	10°♓55'42	1.32823 AU
superior conj	-2234 Mar 24 j 13:37	14°♓42'14	0°-23'-14
minimum elong	-2234 Mar 24 j 14:41	14°♓48'02	0°23'02
asc. node	-2234 Mar 26 j 19:01	19°♓32'09	
evening rise	-2234 Mar 31 j 14:50	29°♓54'45	
	-2234 Mar 31 j 15:50	0°♈	
	-2234 Apr 17 j 13:10	0°♉	
evening max el	-2234 Apr 25 j 03:14	8°♉53'43	24°05'55
desc. node	-2234 May 07 j 00:07	15°♉42'07	
retrograde	-2234 May 08 j 23:20	15°♉50'59	
evening set	-2234 May 13 j 07:09	15°♉09'17	
min. Earth dist.	-2234 May 19 j 14:39	12°♉05'20	0.56481 AU
inferior conj	-2234 May 22 j 02:44	10°♉31'58	-3°-41'-8
minimum elong	-2234 May 21 j 20:43	10°♉41'22	3°39'51
morning rise	-2234 May 30 j 14:13	6°♉30'18	
direct	-2234 Jun 02 j 03:18	6°♉13'15	
morning max el	-2234 Jun 11 j 21:20	10°♉44'16	19°44'01
asc. node	-2234 Jun 22 j 18:21	25°♉50'03	
	-2234 Jun 25 j 00:47	0°♊	
morning set	-2234 Jun 29 j 12:24	8°♊47'08	
superior conj	-2234 Jul 07 j 12:47	24°♊56'18	1°45'59
minimum elong	-2234 Jul 07 j 11:31	24°♊50'03	1°46'00
	-2234 Jul 10 j 02:45	0°♋	
max. Earth dist.	-2234 Jul 13 j 05:52	5°♋58'18	1.37251 AU
evening rise	-2234 Jul 17 j 03:39	13°♋08'49	
	-2234 Jul 27 j 01:52	0°♌	
desc. node	-2234 Aug 02 j 23:23	10°♌37'26	
	-2234 Aug 17 j 13:20	0°♍	
evening max el	-2234 Aug 21 j 23:35	4°♍44'06	25°28'15
retrograde	-2234 Sep 03 j 01:31	11°♍42'20	
evening set	-2234 Sep 09 j 00:19	9°♍11'20	
min. Earth dist.	-2234 Sep 13 j 10:20	4°♍15'56	0.66886 AU
inferior conj	-2234 Sep 14 j 12:15	2°♍52'03	-1°-25'-23

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2234 Sep 14 j 14:19	2°♍45'21	1°24'33
	-2234 Sep 16 j 19:31	30°℞♌	
asc. node	-2234 Sep 18 j 17:30	28°♌00'27	
morning rise	-2234 Sep 20 j 04:55	26°♌51'44	
direct	-2234 Sep 23 j 12:53	25°♌47'27	
	-2234 Sep 30 j 20:35	0°♍	
morning max el	-2234 Sep 30 j 19:03	29°♌56'06	19°29'34
greatest brilliancy	-2234 Oct 09 j 20:54	11°♍37'17	-0.7m
	-2234 Oct 21 j 23:10	0°♎	
morning set	-2234 Oct 24 j 23:02	4°♎38'59	
desc. node	-2234 Oct 29 j 22:52	12°♎25'57	
max. Earth dist.	-2234 Nov 07 j 06:25	25°♎30'02	1.44432 AU
	-2234 Nov 10 j 02:22	0°♏	
superior conj	-2234 Nov 10 j 18:28	1°♏04'18	-1°-11'-23
minimum elong	-2234 Nov 10 j 10:58	0°♏34'19	1°10'36
evening rise	-2234 Nov 25 j 01:54	24°♏28'25	
	-2234 Nov 28 j 09:10	0°♐	
evening max el	-2234 Dec 14 j 02:56	23°♐30'47	18°25'00
asc. node	-2234 Dec 15 j 16:41	24°♐57'58	
retrograde	-2234 Dec 20 j 16:30	27°♐06'56	
evening set	-2234 Dec 23 j 14:11	26°♐20'59	
inferior conj	-2234 Dec 29 j 15:28	20°♐49'34	3°38'38
minimum elong	-2234 Dec 29 j 13:00	20°♐56'38	3°38'10
min. Earth dist.	-2234 Dec 31 j 19:38	18°♐20'23	0.64121 AU
morning rise	-2233 Jan 04 j 10:22	14°♐45'53	
direct	-2233 Jan 11 j 08:29	11°♐55'52	
morning max el	-2233 Jan 24 j 21:57	19°♐41'52	27°27'35
desc. node	-2233 Jan 25 j 22:11	20°♐43'23	
	-2233 Feb 02 j 18:31	0°♑	
	-2233 Feb 22 j 00:21	0°♒	
morning set	-2233 Feb 28 j 21:18	12°♒56'50	
max. Earth dist.	-2233 Mar 05 j 21:47	23°♒07'36	1.33552 AU
superior conj	-2233 Mar 08 j 19:58	29°♒16'57	0°-48'-54
minimum elong	-2233 Mar 08 j 22:11	29°♒28'45	0°48'30
	-2233 Mar 09 j 04:04	0°♓	
asc. node	-2233 Mar 13 j 16:02	9°♓37'12	
evening rise	-2233 Mar 16 j 02:07	14°♓44'41	
	-2233 Mar 23 j 20:07	0°♈	
evening max el	-2233 Apr 06 j 19:55	19°♈33'23	22°31'16
retrograde	-2233 Apr 19 j 20:46	25°♈56'57	
evening set	-2233 Apr 22 j 22:00	25°♈36'31	
desc. node	-2233 Apr 23 j 21:12	25°♈21'58	
min. Earth dist.	-2233 May 01 j 04:24	22°♈00'58	0.55354 AU
inferior conj	-2233 May 02 j 05:50	21°♈24'44	-2°-16'-6
minimum elong	-2233 May 02 j 00:06	21°♈32'55	2°14'17
morning rise	-2233 May 11 j 04:22	17°♈29'06	
direct	-2233 May 13 j 21:17	17°♈12'14	
morning max el	-2233 May 25 j 07:21	22°♈32'22	21°00'28
	-2233 May 31 j 16:13	0°♉	
asc. node	-2233 Jun 09 j 15:23	15°♉08'32	
morning set	-2233 Jun 13 j 19:27	23°♉28'53	
	-2233 Jun 16 j 22:52	0°♊	
superior conj	-2233 Jun 21 j 08:36	9°♊09'08	1°36'35
minimum elong	-2233 Jun 21 j 06:19	8°♊57'24	1°36'27
max. Earth dist.	-2233 Jun 25 j 15:02	17°♊46'43	1.35570 AU
evening rise	-2233 Jun 29 j 23:03	26°♊09'06	
	-2233 Jul 02 j 00:45	0°♋	
	-2233 Jul 20 j 11:41	0°♌	
desc. node	-2233 Jul 20 j 20:23	0°♌30'50	
evening max el	-2233 Aug 04 j 10:59	18°♌17'14	26°30'27
retrograde	-2233 Aug 17 j 07:12	25°♌31'27	
evening set	-2233 Aug 23 j 19:53	22°♌48'45	
min. Earth dist.	-2233 Aug 27 j 21:59	18°♌31'21	0.66065 AU
inferior conj	-2233 Aug 29 j 11:55	16°♌36'07	-2°-18'-20
minimum elong	-2233 Aug 29 j 15:10	16°♌26'12	2°17'07
morning rise	-2233 Sep 04 j 11:28	10°♌47'14	
asc. node	-2233 Sep 05 j 14:33	10°♌16'28	
direct	-2233 Sep 07 j 10:48	9°♌57'10	
morning max el	-2233 Sep 14 j 04:50	13°♌42'38	18°41'11
	-2233 Sep 25 j 23:46	0°♍	
morning set	-2233 Oct 04 j 20:53	14°♍08'40	
	-2233 Oct 14 j 20:16	0°♎	
desc. node	-2233 Oct 16 j 19:50	3°♎07'44	
superior conj	-2233 Oct 20 j 19:46	9°♎25'33	0°-25'-31
minimum elong	-2233 Oct 20 j 16:24	9°♎12'17	0°25'06
max. Earth dist.	-2233 Oct 20 j 23:54	9°♎41'50	1.44916 AU
	-2233 Nov 02 j 20:23	0°♏	
evening rise	-2233 Nov 05 j 19:59	4°♏45'14	
	-2233 Nov 22 j 00:32	0°♐	
evening max el	-2233 Nov 27 j 13:38	6°♐56'04	18°58'48
asc. node	-2233 Dec 02 j 13:43	10°♐31'09	
retrograde	-2233 Dec 04 j 10:44	10°♐50'41	
evening set	-2233 Dec 07 j 14:21	9°♐53'28	
inferior conj	-2233 Dec 13 j 08:52	4°♐05'13	3°08'33
minimum elong	-2233 Dec 13 j 05:53	4°♐14'31	3°07'45
min. Earth dist.	-2233 Dec 14 j 22:12	2°♐09'15	0.65501 AU
	-2233 Dec 16 j 18:16	30°℞♏	
morning rise	-2233 Dec 18 j 20:28	27°♏55'07	
direct	-2233 Dec 25 j 09:03	25°♏06'12	
	-2232 Jan 04 j 10:57	0°♐	
morning max el	-2232 Jan 07 j 07:28	2°♐39'41	26°39'33
desc. node	-2232 Jan 12 j 19:13	8°♐44'35	
	-2232 Jan 28 j 00:11	0°♑	
morning set	-2232 Feb 12 j 05:35	26°♑20'31	
	-2232 Feb 14 j 03:20	0°♒	
max. Earth dist.	-2232 Feb 16 j 13:18	4°♒44'59	1.34721 AU
superior conj	-2232 Feb 20 j 20:41	13°♒30'07	-1°-13'-12
minimum elong	-2232 Feb 20 j 23:48	13°♒46'15	1°12'45
evening rise	-2232 Feb 28 j 11:16	29°♒22'50	
asc. node	-2232 Feb 28 j 13:04	29°♒32'08	
	-2232 Feb 28 j 18:28	0°♓	
	-2232 Mar 18 j 06:36	0°♈	
evening max el	-2232 Mar 18 j 19:58	0°♈32'41	21°03'14
retrograde	-2232 Mar 30 j 10:06	6°♈06'46	
evening set	-2232 Apr 01 j 18:46	5°♈53'47	
desc. node	-2232 Apr 09 j 18:16	2°♈38'34	
inferior conj	-2232 Apr 11 j 00:42	1°♈55'45	0°-21'-26
minimum elong	-2232 Apr 10 j 23:41	1°♈57'11	0°21'06
min. Earth dist.	-2232 Apr 11 j 18:05	1°♈31'07	0.55113 AU
	-2232 Apr 14 j 12:52	30°℞♓	
morning rise	-2232 Apr 20 j 03:53	27°♓49'08	
direct	-2232 Apr 23 j 08:51	27°♓26'47	
	-2232 May 01 j 14:18	0°♈	
morning max el	-2232 May 06 j 06:49	3°♈39'27	22°32'57
	-2232 May 24 j 02:28	0°♉	
asc. node	-2232 May 26 j 12:25	4°♉49'29	
morning set	-2232 May 28 j 05:55	8°♉23'27	
superior conj	-2232 Jun 04 j 11:53	23°♉45'55	1°21'49
minimum elong	-2232 Jun 04 j 09:17	23°♉32'09	1°21'30
	-2232 Jun 07 j 11:16	0°♊	
max. Earth dist.	-2232 Jun 07 j 10:06	29°♉53'56	1.34246 AU
evening rise	-2232 Jun 12 j 09:15	9°♊54'59	
	-2232 Jun 23 j 11:01	0°♋	
desc. node	-2232 Jul 06 j 17:26	19°♋53'18	
	-2232 Jul 15 j 05:54	0°♌	
evening max el	-2232 Jul 16 j 22:43	1°♌41'51	27°11'38
retrograde	-2232 Jul 30 j 07:23	9°♌02'22	
evening set	-2232 Aug 06 j 06:53	6°♌16'26	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

min. Earth dist.	-2232 Aug 10 j 01:58	2°♌36'50	0.64880 AU
inferior conj	-2232 Aug 12 j 05:09	0°♌13'55	-3°-7'-32
minimum elong	-2232 Aug 12 j 09:13	0°♌02'32	3°06'17
	-2232 Aug 12 j 10:08	30℞♋	
morning rise	-2232 Aug 18 j 13:02	24°♋39'59	
direct	-2232 Aug 21 j 06:11	24°♋00'43	
asc. node	-2232 Aug 22 j 11:37	24°♋08'45	
morning max el	-2232 Aug 27 j 18:42	27°♋31'29	18°09'32
	-2232 Aug 29 j 23:31	0°♌	
morning set	-2232 Sep 14 j 22:51	25°♌00'46	
	-2232 Sep 17 j 22:46	0°♍	
superior conj	-2232 Sep 29 j 00:22	18°♍01'17	0°23'41
minimum elong	-2232 Sep 29 j 03:13	18°♍12'40	0°23'20
desc. node	-2232 Oct 02 j 16:50	23°♍53'00	
max. Earth dist.	-2232 Oct 02 j 18:31	23°♍59'40	1.44663 AU
	-2232 Oct 06 j 14:01	0°♎	
evening rise	-2232 Oct 15 j 14:58	14°♎05'23	
	-2232 Oct 25 j 23:03	0°♏	
greatest brilliancy	-2232 Nov 02 j 03:43	10°♏39'16	-0.6m
evening max el	-2232 Nov 09 j 20:20	20°♏23'09	19°48'44
retrograde	-2232 Nov 17 j 07:42	24°♏44'43	
asc. node	-2232 Nov 18 j 10:47	24°♏37'24	
evening set	-2232 Nov 20 j 19:09	23°♏34'04	
inferior conj	-2232 Nov 26 j 08:52	17°♏31'59	2°29'18
minimum elong	-2232 Nov 26 j 06:02	17°♏41'20	2°28'21
min. Earth dist.	-2232 Nov 27 j 08:43	16°♏13'23	0.66505 AU
morning rise	-2232 Dec 01 j 16:17	11°♏17'35	
direct	-2232 Dec 07 j 15:13	8°♏41'06	
morning max el	-2232 Dec 19 j 16:28	15°♏49'35	25°28'47
desc. node	-2232 Dec 29 j 16:14	27°♏38'28	
	-2232 Dec 31 j 10:24	0°♐	
	-2231 Jan 19 j 21:28	0°♑	
morning set	-2231 Jan 24 j 21:56	8°♑51'25	
max. Earth dist.	-2231 Jan 28 j 17:27	15°♑54'56	1.36337 AU
superior conj	-2231 Feb 03 j 12:58	27°♑12'45	-1°-34'-29
minimum elong	-2231 Feb 03 j 16:25	27°♑29'57	1°34'10
	-2231 Feb 04 j 22:22	0°♒	
evening rise	-2231 Feb 11 j 16:12	13°♒42'01	
asc. node	-2231 Feb 14 j 10:06	19°♒11'20	
	-2231 Feb 20 j 06:39	0°♓	
evening max el	-2231 Mar 01 j 06:27	12°♓05'37	19°50'14
retrograde	-2231 Mar 11 j 03:46	16°♓48'33	
evening set	-2231 Mar 13 j 09:09	16°♓35'18	
inferior conj	-2231 Mar 22 j 01:28	12°♓33'24	1°31'18
minimum elong	-2231 Mar 22 j 05:08	12°♓27'43	1°30'05
min. Earth dist.	-2231 Mar 24 j 08:12	11°♓08'57	0.55809 AU
desc. node	-2231 Mar 27 j 15:21	9°♓18'48	
morning rise	-2231 Mar 30 j 22:00	7°♓59'48	
direct	-2231 Apr 04 j 01:50	7°♓21'29	
morning max el	-2231 Apr 17 j 23:12	14°♓17'39	24°12'52
	-2231 Apr 30 j 05:25	0°♈	
morning set	-2231 May 12 j 17:55	23°♈23'48	
asc. node	-2231 May 13 j 09:28	24°♈45'44	
	-2231 May 15 j 20:18	0°♉	
superior conj	-2231 May 19 j 19:57	8°♉37'20	1°02'58
minimum elong	-2231 May 19 j 17:35	8°♉24'34	1°02'35
max. Earth dist.	-2231 May 21 j 14:15	12°♉24'49	1.33296 AU
evening rise	-2231 May 27 j 05:55	24°♉12'32	
	-2231 May 30 j 04:06	0°♊	
	-2231 Jun 17 j 01:47	0°♋	
desc. node	-2231 Jun 23 j 14:29	8°♋30'59	
evening max el	-2231 Jun 29 j 08:51	14°♋44'20	27°25'13
retrograde	-2231 Jul 13 j 01:38	22°♋05'51	
evening set	-2231 Jul 20 j 06:03	19°♋28'33	

min. Earth dist.	-2231 Jul 23 j 20:24	16°♋22'03	0.63318 AU
inferior conj	-2231 Jul 26 j 13:16	13°♋39'06	-3°-49'-46
minimum elong	-2231 Jul 26 j 17:22	13°♋28'46	3°48'51
morning rise	-2231 Aug 02 j 06:47	8°♋23'29	
direct	-2231 Aug 04 j 20:01	7°♋52'12	
asc. node	-2231 Aug 09 j 08:41	9°♋31'19	
morning max el	-2231 Aug 11 j 09:59	11°♋16'51	17°55'34
	-2231 Aug 24 j 00:38	0°♌	
morning set	-2231 Aug 28 j 01:32	7°♌03'21	
superior conj	-2231 Sep 09 j 03:12	27°♌44'30	1°04'28
minimum elong	-2231 Sep 09 j 08:39	28°♌07'08	1°03'51
	-2231 Sep 10 j 11:56	0°♍	
max. Earth dist.	-2231 Sep 15 j 10:34	8°♍03'06	1.43707 AU
desc. node	-2231 Sep 19 j 13:52	14°♍38'36	
evening rise	-2231 Sep 24 j 20:49	22°♍54'26	
	-2231 Sep 29 j 11:44	0°♎	
greatest brilliancy	-2231 Oct 18 j 05:23	27°♎07'48	-0.5m
	-2231 Oct 20 j 11:57	0°♏	
evening max el	-2231 Oct 23 j 21:26	3°♏50'12	20°52'34
retrograde	-2231 Nov 01 j 05:07	8°♏45'54	
evening set	-2231 Nov 05 j 02:29	7°♏19'31	
asc. node	-2231 Nov 05 j 07:50	7°♏09'16	
inferior conj	-2231 Nov 10 j 13:05	1°♏07'03	1°43'36
minimum elong	-2231 Nov 10 j 10:53	1°♏14'32	1°42'45
min. Earth dist.	-2231 Nov 11 j 01:03	0°♏26'09	0.67152 AU
	-2231 Nov 11 j 08:45	30℞♎	
morning rise	-2231 Nov 15 j 18:54	24°♎50'41	
direct	-2231 Nov 21 j 02:32	22°♎33'16	
morning max el	-2231 Dec 02 j 01:12	29°♎04'53	24°05'03
	-2231 Dec 02 j 22:36	0°♏	
desc. node	-2231 Dec 16 j 13:16	17°♏09'58	
	-2231 Dec 25 j 06:03	0°♐	
morning set	-2230 Jan 06 j 16:27	20°♐13'59	
max. Earth dist.	-2230 Jan 10 j 13:57	27°♐04'05	1.38300 AU
	-2230 Jan 12 j 05:02	0°♑	
superior conj	-2230 Jan 17 j 17:17	10°♑15'22	-1°-50'-28
minimum elong	-2230 Jan 17 j 20:01	10°♑28'24	1°50'21
evening rise	-2230 Jan 26 j 14:34	27°♑35'44	
	-2230 Jan 27 j 20:02	0°♒	
asc. node	-2230 Feb 01 j 07:09	8°♒28'57	
evening max el	-2230 Feb 12 j 03:19	24°♒14'52	18°56'15
retrograde	-2230 Feb 20 j 12:38	28°♒17'07	
evening set	-2230 Feb 22 j 20:43	27°♒59'36	
inferior conj	-2230 Mar 02 j 19:25	23°♒42'18	2°54'51
minimum elong	-2230 Mar 03 j 00:02	23°♒34'02	2°53'45
min. Earth dist.	-2230 Mar 06 j 00:10	21°♒26'06	0.57280 AU
morning rise	-2230 Mar 10 j 23:22	18°♒37'06	
desc. node	-2230 Mar 14 j 12:25	17°♒36'33	
direct	-2230 Mar 16 j 07:42	17°♒28'39	
morning max el	-2230 Mar 30 j 14:27	24°♒53'04	25°46'26
	-2230 Apr 04 j 07:45	0°♓	
	-2230 Apr 23 j 02:51	0°♈	
morning set	-2230 Apr 27 j 05:48	8°♈24'06	
asc. node	-2230 Apr 30 j 06:32	14°♈52'08	
superior conj	-2230 May 04 j 06:46	23°♈36'33	0°41'05
minimum elong	-2230 May 04 j 05:04	23°♈27'13	0°40'45
max. Earth dist.	-2230 May 05 j 00:35	25°♈13'47	1.32710 AU
	-2230 May 07 j 05:19	0°♉	
evening rise	-2230 May 11 j 09:48	8°♉51'34	
	-2230 May 22 j 13:38	0°♊	
desc. node	-2230 Jun 10 j 11:33	26°♊05'14	
evening max el	-2230 Jun 11 j 14:58	27°♊12'30	27°06'48
	-2230 Jun 14 j 19:49	0°♋	
retrograde	-2230 Jun 25 j 13:20	4°♋32'39	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening set	-2230 Jul	02 j 13:18	2°♋18'18	
	-2230 Jul	05 j 16:14	30°℞♊	
min. Earth dist.	-2230 Jul	06 j 04:45	29°♊33'39	0.61436 AU
inferior conj	-2230 Jul	09 j 09:03	26°♊44'18	-4°-20'-1
minimum elong	-2230 Jul	09 j 11:52	26°♊38'03	4°19'41
morning rise	-2230 Jul	16 j 13:17	21°♊49'47	
direct	-2230 Jul	19 j 00:44	21°♊24'13	
morning max el	-2230 Jul	25 j 23:52	24°♊52'01	18°00'08
asc. node	-2230 Jul	27 j 05:46	26°♊10'10	
	-2230 Jul	30 j 05:58	0°♋	
morning set	-2230 Aug	10 j 23:07	20°♋00'10	
	-2230 Aug	16 j 10:32	0°♌	
superior conj	-2230 Aug	21 j 09:37	8°♌49'28	1°31'35
minimum elong	-2230 Aug	21 j 13:57	9°♌08'24	1°31'15
max. Earth dist.	-2230 Aug	28 j 21:07	21°♌33'07	1.42189 AU
	-2230 Sep	03 j 01:45	0°♍	
evening rise	-2230 Sep	04 j 07:53	1°♍59'59	
desc. node	-2230 Sep	06 j 10:53	5°♍20'53	
	-2230 Sep	22 j 23:47	0°♎	
greatest brilliancy	-2230 Oct	01 j 22:29	11°♎54'22	-0.3m
evening max el	-2230 Oct	06 j 16:29	17°♎16'40	22°07'01
retrograde	-2230 Oct	16 j 01:02	22°♎50'35	
evening set	-2230 Oct	20 j 10:25	21°♎06'30	
asc. node	-2230 Oct	23 j 04:54	18°♎15'28	
inferior conj	-2230 Oct	25 j 19:29	14°♎47'21	0°53'22
minimum elong	-2230 Oct	25 j 18:16	14°♎51'33	0°52'50
min. Earth dist.	-2230 Oct	25 j 20:46	14°♎42'54	0.67475 AU
morning rise	-2230 Oct	31 j 01:55	8°♎31'37	
direct	-2230 Nov	04 j 18:19	6°♎36'03	
morning max el	-2230 Nov	14 j 11:52	12°♎23'18	22°37'57
greatest brilliancy	-2230 Nov	19 j 04:19	17°♎38'56	-0.3m
	-2230 Nov	28 j 11:45	0°♏	
desc. node	-2230 Dec	03 j 10:18	7°♏07'41	
morning set	-2230 Dec	18 j 07:13	0°♐13'27	
	-2230 Dec	18 j 03:56	0°♐	
max. Earth dist.	-2230 Dec	23 j 10:04	8°♐45'44	1.40395 AU
superior conj	-2230 Dec	31 j 04:53	22°♐25'23	-1°-57'-58
minimum elong	-2230 Dec	31 j 05:20	22°♐27'24	1°58'02
	-2229 Jan	04 j 07:56	0°♑	
evening rise	-2229 Jan	10 j 03:19	10°♑55'59	
asc. node	-2229 Jan	19 j 04:11	27°♑17'15	
	-2229 Jan	20 j 21:22	0°♒	
evening max el	-2229 Jan	26 j 08:18	6°♒54'11	18°22'20
retrograde	-2229 Feb	02 j 15:56	10°♒31'06	
evening set	-2229 Feb	05 j 03:48	10°♒07'03	
inferior conj	-2229 Feb	12 j 10:04	5°♒29'09	3°41'46
minimum elong	-2229 Feb	12 j 12:46	5°♒23'31	3°41'24
min. Earth dist.	-2229 Feb	15 j 19:54	2°♒40'07	0.59216 AU
morning rise	-2229 Feb	19 j 18:13	29°♑59'07	
	-2229 Feb	19 j 17:34	30°℞♑	
direct	-2229 Feb	26 j 02:48	28°♑12'01	
desc. node	-2229 Mar	01 j 09:28	28°♑39'32	
	-2229 Mar	04 j 17:24	0°♒	
morning max el	-2229 Mar	12 j 09:37	5°♒51'12	26°58'39
	-2229 Mar	30 j 07:45	0°♓	
morning set	-2229 Apr	11 j 15:50	23°♓17'59	
	-2229 Apr	14 j 19:37	0°♈	
asc. node	-2229 Apr	17 j 03:36	5°♈03'55	
superior conj	-2229 Apr	18 j 18:33	8°♈37'10	0°17'03
minimum elong	-2229 Apr	18 j 17:47	8°♈33'01	0°16'54
max. Earth dist.	-2229 Apr	18 j 13:37	8°♈10'10	1.32471 AU
evening rise	-2229 Apr	25 j 18:20	23°♈43'25	
	-2229 Apr	28 j 19:44	0°♉	
	-2229 May	16 j 18:35	0°♊	

evening max el	-2229 May	24 j 15:14	8°♊59'10	26°16'02
desc. node	-2229 May	28 j 08:35	12°♊09'54	
retrograde	-2229 Jun	07 j 16:58	16°♊15'30	
evening set	-2229 Jun	14 j 00:24	14°♊36'28	
min. Earth dist.	-2229 Jun	18 j 04:16	11°♊56'58	0.59389 AU
inferior conj	-2229 Jun	21 j 12:58	9°♊21'08	-4°-30'-35
minimum elong	-2229 Jun	21 j 12:47	9°♊21'29	4°30'33
morning rise	-2229 Jun	29 j 04:47	4°♊48'49	
direct	-2229 Jul	01 j 16:08	4°♊27'22	
morning max el	-2229 Jul	09 j 09:22	8°♊09'15	18°24'15
asc. node	-2229 Jul	14 j 02:51	13°♊50'14	
	-2229 Jul	23 j 12:38	0°♋	
morning set	-2229 Jul	25 j 10:36	3°♋38'44	
superior conj	-2229 Aug	03 j 16:10	21°♋06'54	1°45'23
minimum elong	-2229 Aug	03 j 18:04	21°♋15'38	1°45'22
	-2229 Aug	08 j 14:20	0°♌	
max. Earth dist.	-2229 Aug	11 j 02:09	4°♌21'10	1.40321 AU
evening rise	-2229 Aug	15 j 16:07	12°♌06'17	
desc. node	-2229 Aug	24 j 07:54	25°♌56'32	
	-2229 Aug	26 j 23:44	0°♍	
	-2229 Sep	18 j 13:01	0°♎	
evening max el	-2229 Sep	19 j 06:43	0°♎45'08	23°27'03
retrograde	-2229 Sep	29 j 18:01	6°♎56'29	
evening set	-2229 Oct	04 j 17:16	4°♎53'28	
	-2229 Oct	09 j 00:19	30°℞♍	
min. Earth dist.	-2229 Oct	09 j 17:19	29°♍02'06	0.67495 AU
inferior conj	-2229 Oct	10 j 02:16	28°♍31'29	0°00'16
minimum elong	-2229 Oct	10 j 02:15	28°♍31'30	0°00'15
transit middle	-2229 Oct	10 j 02:15	28°♍31'30	0°00'15
transit begin	-2229 Oct	09 j 23:33	28°♍40'47	
transit end	-2229 Oct	10 j 04:58	28°♍22'13	
asc. node	-2229 Oct	10 j 01:57	28°♍32'32	
morning rise	-2229 Oct	15 j 11:18	22°♍19'18	
direct	-2229 Oct	19 j 13:40	20°♍45'24	
morning max el	-2229 Oct	28 j 03:48	25°♍48'28	21°15'48
	-2229 Oct	31 j 21:29	0°♎	
greatest brilliancy	-2229 Nov	02 j 12:14	2°♎00'21	-0.4m
desc. node	-2229 Nov	20 j 07:19	27°♎24'17	
	-2229 Nov	22 j 00:12	0°♏	
morning set	-2229 Nov	27 j 18:09	8°♏54'44	
max. Earth dist.	-2229 Dec	05 j 12:26	21°♏21'42	1.42334 AU
	-2229 Dec	10 j 16:59	0°♐	
superior conj	-2229 Dec	12 j 18:16	3°♐29'47	-1°-53'-1
minimum elong	-2229 Dec	12 j 14:48	3°♐14'56	1°52'55
evening rise	-2229 Dec	24 j 02:52	23°♐35'22	
	-2229 Dec	27 j 16:10	0°♑	
asc. node	-2228 Jan	06 j 01:12	15°♑27'21	
evening max el	-2228 Jan	09 j 18:31	19°♑55'25	18°08'18
retrograde	-2228 Jan	16 j 11:35	23°♑22'10	
evening set	-2228 Jan	19 j 03:00	22°♑50'20	
inferior conj	-2228 Jan	25 j 19:42	17°♑50'26	3°57'29
minimum elong	-2228 Jan	25 j 19:50	17°♑50'06	3°57'26
min. Earth dist.	-2228 Jan	28 j 22:03	14°♑53'16	0.61270 AU
morning rise	-2228 Feb	01 j 10:09	12°♑03'35	
direct	-2228 Feb	08 j 08:22	9°♑41'49	
desc. node	-2228 Feb	16 j 06:32	12°♑23'19	
morning max el	-2228 Feb	22 j 10:51	17°♑27'30	27°38'29
	-2228 Mar	03 j 22:09	0°♒	
	-2228 Mar	21 j 22:20	0°♓	
morning set	-2228 Mar	25 j 22:07	7°♓58'14	
max. Earth dist.	-2228 Apr	01 j 01:38	21°♓00'26	1.32590 AU
superior conj	-2228 Apr	02 j 05:35	23°♓32'37	0°-8'-20
minimum elong	-2228 Apr	02 j 05:58	23°♓34'42	0°08'16
behind sun begin	-2228 Apr	02 j 01:37	23°♓10'57	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

behind sun end	-2228 Apr 02 j 10:20	23°♓58'28	
asc. node	-2228 Apr 03 j 00:37	25°♓16'25	
	-2228 Apr 05 j 04:35	0°♈	
evening rise	-2228 Apr 09 j 05:23	8°♈40'07	
	-2228 Apr 20 j 08:46	0°♉	
evening max el	-2228 May 05 j 09:22	20°♉04'50	24°58'21
desc. node	-2228 May 14 j 05:37	26°♉09'55	
retrograde	-2228 May 19 j 09:47	27°♉11'42	
evening set	-2228 May 24 j 13:00	26°♉11'19	
min. Earth dist.	-2228 May 29 j 21:21	23°♉20'17	0.57438 AU
inferior conj	-2228 Jun 01 j 21:41	21°♉19'21	-4°-10'-43
minimum elong	-2228 Jun 01 j 17:27	21°♉26'29	4°10'07
morning rise	-2228 Jun 10 j 01:52	17°♉07'55	
direct	-2228 Jun 12 j 14:15	16°♉49'26	
morning max el	-2228 Jun 21 j 11:29	20°♉58'16	19°08'52
	-2228 Jun 28 j 14:06	0°♊	
asc. node	-2228 Jun 29 j 23:55	2°♊17'05	
morning set	-2228 Jul 08 j 07:58	17°♊48'10	
	-2228 Jul 14 j 11:40	0°♋	
superior conj	-2228 Jul 16 j 17:04	4°♋20'17	1°48'17
minimum elong	-2228 Jul 16 j 16:45	4°♋18'45	1°48'20
max. Earth dist.	-2228 Jul 23 j 04:38	16°♋30'31	1.38347 AU
evening rise	-2228 Jul 27 j 02:03	23°♋26'32	
	-2228 Jul 30 j 22:05	0°♌	
desc. node	-2228 Aug 10 j 04:54	16°♌20'34	
	-2228 Aug 19 j 18:38	0°♍	
evening max el	-2228 Aug 31 j 18:19	14°♍16'45	24°46'10
retrograde	-2228 Sep 12 j 07:01	20°♍59'50	
evening set	-2228 Sep 17 j 21:17	18°♍38'18	
min. Earth dist.	-2228 Sep 22 j 12:15	13°♍21'50	0.67205 AU
inferior conj	-2228 Sep 23 j 07:43	12°♍17'11	0°-54'-7
minimum elong	-2228 Sep 23 j 09:01	12°♍12'51	0°53'35
asc. node	-2228 Sep 25 j 23:01	8°♍56'41	
morning rise	-2228 Sep 28 j 21:07	6°♍11'44	
direct	-2228 Oct 02 j 11:15	4°♍57'27	
morning max el	-2228 Oct 10 j 03:06	9°♍22'57	20°04'24
greatest brilliancy	-2228 Oct 17 j 07:59	18°♍13'47	-0.6m
	-2228 Oct 25 j 10:57	0°♎	
morning set	-2228 Nov 05 j 15:27	17°♎04'09	
desc. node	-2228 Nov 06 j 04:20	17°♎54'01	
	-2228 Nov 13 j 21:56	0°♏	
max. Earth dist.	-2228 Nov 16 j 22:47	4°♏49'36	1.43840 AU
superior conj	-2228 Nov 22 j 04:49	13°♏18'23	-1°-31'-41
minimum elong	-2228 Nov 21 j 21:39	12°♏49'10	1°31'06
	-2228 Dec 02 j 04:52	0°♐	
evening rise	-2228 Dec 05 j 08:56	5°♐25'39	
	-2228 Dec 20 j 13:21	0°♑	
asc. node	-2228 Dec 22 j 22:13	2°♑47'59	
evening max el	-2228 Dec 23 j 06:59	3°♑10'38	18°13'35
retrograde	-2228 Dec 29 j 19:22	6°♑40'15	
evening set	-2227 Jan 01 j 14:31	5°♑59'43	
inferior conj	-2227 Jan 07 j 20:38	0°♑38'55	3°50'21
minimum elong	-2227 Jan 07 j 18:51	0°♑43'44	3°50'07
	-2227 Jan 08 j 10:57	30°℞♐	
min. Earth dist.	-2227 Jan 10 j 09:21	27°♐55'19	0.63163 AU
morning rise	-2227 Jan 13 j 21:28	24°♐40'27	
direct	-2227 Jan 20 j 22:07	21°♐56'41	
desc. node	-2227 Feb 02 j 03:35	28°♐13'40	
morning max el	-2227 Feb 03 j 17:29	29°♐43'56	27°41'47
	-2227 Feb 03 j 23:57	0°♑	
	-2227 Feb 25 j 20:16	0°♒	
morning set	-2227 Mar 09 j 22:22	22°♒17'15	
	-2227 Mar 13 j 16:40	0°♓	
max. Earth dist.	-2227 Mar 15 j 08:48	3°♓31'29	1.33087 AU
superior conj	-2227 Mar 17 j 14:14	8°♓17'07	0°-34'-10
minimum elong	-2227 Mar 17 j 15:48	8°♓25'35	0°33'53
asc. node	-2227 Mar 20 j 21:38	15°♓25'44	
evening rise	-2227 Mar 24 j 17:09	23°♓35'02	
	-2227 Mar 27 j 19:48	0°♈	
	-2227 Apr 16 j 06:03	0°♉	
evening max el	-2227 Apr 17 j 00:40	0°♉45'51	23°25'34
retrograde	-2227 Apr 30 j 14:03	7°♉30'45	
desc. node	-2227 May 01 j 02:39	7°♉30'07	
evening set	-2227 May 04 j 08:07	6°♉59'51	
min. Earth dist.	-2227 May 11 j 11:12	3°♉44'14	0.55917 AU
inferior conj	-2227 May 13 j 10:24	2°♉34'15	-3°-10'-5
minimum elong	-2227 May 13 j 03:52	2°♉43'59	3°08'23
	-2227 May 18 j 03:08	30°℞♈	
morning rise	-2227 May 22 j 03:01	28°♈37'09	
direct	-2227 May 24 j 17:26	28°♈20'28	
	-2227 May 30 j 20:35	0°♉	
morning max el	-2227 Jun 04 j 03:48	3°♉10'31	20°14'11
asc. node	-2227 Jun 16 j 20:59	21°♉19'33	
	-2227 Jun 21 j 08:24	0°♊	
morning set	-2227 Jun 22 j 12:12	2°♊20'25	
superior conj	-2227 Jun 30 j 07:13	18°♊15'16	1°42'46
minimum elong	-2227 Jun 30 j 05:26	18°♊06'16	1°42'42
max. Earth dist.	-2227 Jul 05 j 09:53	28°♊19'32	1.36505 AU
	-2227 Jul 06 j 06:54	0°♋	
evening rise	-2227 Jul 09 j 10:42	5°♋54'05	
	-2227 Jul 23 j 18:20	0°♌	
desc. node	-2227 Jul 28 j 01:54	6°♌27'15	
evening max el	-2227 Aug 14 j 05:22	27°♌50'18	25°56'42
	-2227 Aug 16 j 13:45	0°♍	
retrograde	-2227 Aug 26 j 15:27	4°♍56'04	
evening set	-2227 Sep 01 j 20:34	2°♍19'05	
	-2227 Sep 04 j 04:20	30°℞♌	
min. Earth dist.	-2227 Sep 06 j 03:07	27°♌39'59	0.66586 AU
inferior conj	-2227 Sep 07 j 10:02	26°♌02'24	-1°-48'-10
minimum elong	-2227 Sep 07 j 12:38	25°♌54'11	1°47'08
asc. node	-2227 Sep 12 j 20:07	20°♌21'50	
morning rise	-2227 Sep 13 j 05:29	20°♌06'48	
direct	-2227 Sep 16 j 09:32	19°♌08'58	
morning max el	-2227 Sep 23 j 09:36	23°♌06'16	19°07'02
	-2227 Sep 29 j 00:38	0°♍	
morning set	-2227 Oct 15 j 23:12	25°♍50'47	
	-2227 Oct 18 j 14:44	0°♎	
desc. node	-2227 Oct 24 j 01:20	8°♎32'18	
max. Earth dist.	-2227 Oct 30 j 14:48	18°♎51'26	1.44724 AU
superior conj	-2227 Nov 01 j 14:19	21°♎59'06	0°-53'-9
minimum elong	-2227 Nov 01 j 07:53	21°♎33'39	0°52'25
	-2227 Nov 06 j 15:18	0°♏	
evening rise	-2227 Nov 16 j 17:03	16°♏17'56	
	-2227 Nov 25 j 02:17	0°♐	
evening max el	-2227 Dec 06 j 18:58	16°♐32'45	18°37'18
asc. node	-2227 Dec 09 j 19:16	19°♐04'30	
retrograde	-2227 Dec 13 j 10:54	20°♐15'57	
evening set	-2227 Dec 16 j 10:53	19°♐25'23	
inferior conj	-2227 Dec 22 j 08:59	13°♐46'11	3°27'12
minimum elong	-2227 Dec 22 j 06:13	13°♐54'28	3°26'36
min. Earth dist.	-2227 Dec 24 j 06:38	11°♐30'28	0.64744 AU
morning rise	-2227 Dec 28 j 00:20	7°♐39'22	
direct	-2226 Jan 03 j 18:53	4°♐48'30	
morning max el	-2226 Jan 17 j 02:57	12°♐30'40	27°10'42
desc. node	-2226 Jan 20 j 00:37	15°♐34'48	
	-2226 Jan 31 j 05:02	0°♑	
	-2226 Feb 18 j 08:59	0°♒	
morning set	-2226 Feb 21 j 13:35	6°♒04'18	
max. Earth dist.	-2226 Feb 26 j 07:03	15°♒30'12	1.33995 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2226 Mar 01 j 18:27	22°♒43'11	0°-59'-26
minimum elong	-2226 Mar 01 j 21:06	22°♒57'08	0°59'01
	-2226 Mar 05 j 04:57	0°♓	
asc. node	-2226 Mar 07 j 18:38	5°♓26'52	
evening rise	-2226 Mar 09 j 03:46	8°♓20'38	
	-2226 Mar 20 j 18:10	0°♈	
evening max el	-2226 Mar 29 j 19:38	11°♈30'09	21°52'19
retrograde	-2226 Apr 11 j 07:23	17°♈34'36	
evening set	-2226 Apr 13 j 23:36	17°♈18'35	
desc. node	-2226 Apr 17 j 23:42	16°♈01'12	
inferior conj	-2226 Apr 23 j 08:22	13°♈14'11	-1°-29'-28
minimum elong	-2226 Apr 23 j 04:16	13°♈19'56	1°28'05
min. Earth dist.	-2226 Apr 23 j 00:38	13°♈25'03	0.55138 AU
morning rise	-2226 May 02 j 10:05	9°♈16'29	
direct	-2226 May 05 j 06:37	8°♈58'23	
morning max el	-2226 May 17 j 09:15	14°♈40'46	21°38'15
	-2226 May 28 j 21:53	0°♉	
asc. node	-2226 Jun 03 j 18:02	10°♉48'19	
morning set	-2226 Jun 06 j 20:58	17°♉08'23	
	-2226 Jun 13 j 00:04	0°♊	
superior conj	-2226 Jun 14 j 06:37	2°♊39'41	1°30'54
minimum elong	-2226 Jun 14 j 04:07	2°♊26'41	1°30'40
max. Earth dist.	-2226 Jun 17 j 22:58	10°♊13'31	1.34960 AU
evening rise	-2226 Jun 22 j 12:59	19°♊15'18	
	-2226 Jun 28 j 08:47	0°♋	
desc. node	-2226 Jul 14 j 22:55	26°♋08'58	
	-2226 Jul 17 j 19:49	0°♌	
evening max el	-2226 Jul 27 j 16:49	11°♌20'31	26°50'51
retrograde	-2226 Aug 09 j 19:00	18°♌38'58	
evening set	-2226 Aug 16 j 12:54	15°♌53'17	
min. Earth dist.	-2226 Aug 20 j 11:43	11°♌52'26	0.65606 AU
inferior conj	-2226 Aug 22 j 07:17	9°♌44'27	-2°-39'-51
minimum elong	-2226 Aug 22 j 10:57	9°♌33'39	2°38'34
morning rise	-2226 Aug 28 j 10:15	4°♌01'49	
asc. node	-2226 Aug 30 j 17:12	3°♌18'37	
direct	-2226 Aug 31 j 06:35	3°♌16'53	
morning max el	-2226 Sep 06 j 21:34	6°♌55'08	18°25'39
	-2226 Sep 22 j 17:36	0°♍	
morning set	-2226 Sep 26 j 09:01	5°♍55'53	
desc. node	-2226 Oct 10 j 22:20	29°♍16'12	
	-2226 Oct 11 j 09:26	0°♎	
superior conj	-2226 Oct 11 j 14:13	0°♎18'54	0°-4'-16
minimum elong	-2226 Oct 11 j 13:39	0°♎16'40	0°04'12
behind sun begin	-2226 Oct 11 j 02:42	29°♍33'27	
behind sun end	-2226 Oct 12 j 00:36	0°♎59'52	
max. Earth dist.	-2226 Oct 13 j 09:00	3°♎07'33	1.44891 AU
evening rise	-2226 Oct 28 j 00:51	26°♎09'20	
	-2226 Oct 30 j 11:31	0°♏	
greatest brilliancy	-2226 Nov 10 j 07:16	16°♏49'29	-0.7m
evening max el	-2226 Nov 20 j 04:08	29°♏58'42	19°18'11
	-2226 Nov 20 j 04:38	0°♐	
asc. node	-2226 Nov 26 j 16:20	4°♐02'15	
retrograde	-2226 Nov 27 j 06:44	4°♐04'18	
evening set	-2226 Nov 30 j 13:18	3°♐01'48	
	-2226 Dec 03 j 21:16	30°℞♏	
inferior conj	-2226 Dec 06 j 05:33	27°♏07'12	2°52'52
minimum elong	-2226 Dec 06 j 02:34	27°♏16'47	2°51'59
min. Earth dist.	-2226 Dec 07 j 12:59	25°♏26'42	0.65966 AU
morning rise	-2226 Dec 11 j 14:59	20°♏54'43	
direct	-2226 Dec 17 j 22:02	18°♏09'52	
morning max el	-2226 Dec 30 j 12:32	25°♏35'18	26°11'42
	-2225 Jan 03 j 14:10	0°♐	
desc. node	-2225 Jan 06 j 21:41	4°♐00'35	
	-2225 Jan 24 j 17:19	0°♑	
morning set	-2225 Feb 04 j 15:45	19°♑07'20	
max. Earth dist.	-2225 Feb 08 j 17:27	26°♑52'51	1.35352 AU
	-2225 Feb 10 j 07:33	0°♒	
superior conj	-2225 Feb 13 j 15:56	6°♒43'56	-1°-22'-43
minimum elong	-2225 Feb 13 j 19:17	7°♒01'02	1°22'18
evening rise	-2225 Feb 21 j 11:21	22°♒50'57	
asc. node	-2225 Feb 22 j 15:40	25°♒15'23	
	-2225 Feb 25 j 00:41	0°♓	
evening max el	-2225 Mar 11 j 23:55	22°♓42'28	20°30'03
retrograde	-2225 Mar 22 j 21:08	27°♓54'22	
evening set	-2225 Mar 25 j 02:51	27°♓42'06	
inferior conj	-2225 Apr 03 j 04:01	23°♓44'28	0°28'33
minimum elong	-2225 Apr 03 j 05:19	23°♓42'34	0°28'06
min. Earth dist.	-2225 Apr 04 j 14:48	22°♓53'47	0.55296 AU
desc. node	-2225 Apr 04 j 20:46	22°♓45'09	
morning rise	-2225 Apr 12 j 05:47	19°♓27'20	
direct	-2225 Apr 15 j 19:01	18°♓59'52	
morning max el	-2225 Apr 29 j 05:12	25°♓33'31	23°15'13
	-2225 May 03 j 08:47	0°♈	
	-2225 May 21 j 08:04	0°♉	
asc. node	-2225 May 21 j 15:04	0°♉36'15	
morning set	-2225 May 22 j 08:16	2°♉05'49	
superior conj	-2225 May 29 j 12:13	17°♉23'41	1°14'15
minimum elong	-2225 May 29 j 09:39	17°♉10'00	1°13'54
max. Earth dist.	-2225 May 31 j 21:50	22°♉29'27	1.33795 AU
	-2225 Jun 04 j 13:00	0°♊	
evening rise	-2225 Jun 06 j 04:05	3°♊16'06	
	-2225 Jun 21 j 04:06	0°♋	
desc. node	-2225 Jul 01 j 19:59	15°♋14'27	
evening max el	-2225 Jul 10 j 04:04	24°♋37'09	27°21'09
	-2225 Jul 17 j 02:29	0°♌	
retrograde	-2225 Jul 23 j 17:02	1°♌59'23	
	-2225 Jul 29 j 18:31	30°℞♋	
evening set	-2225 Jul 30 j 19:22	29°♋15'29	
min. Earth dist.	-2225 Aug 03 j 11:57	25°♋50'45	0.64254 AU
inferior conj	-2225 Aug 05 j 21:01	23°♋17'52	-3°-26'-35
minimum elong	-2225 Aug 06 j 01:13	23°♋06'35	3°25'26
morning rise	-2225 Aug 12 j 08:52	17°♋51'19	
direct	-2225 Aug 14 j 23:56	17°♋15'55	
asc. node	-2225 Aug 17 j 14:17	17°♋50'36	
morning max el	-2225 Aug 21 j 12:23	20°♋43'25	18°01'20
	-2225 Aug 28 j 12:36	0°♌	
morning set	-2225 Sep 07 j 22:11	17°♌19'51	
	-2225 Sep 15 j 10:31	0°♍	
superior conj	-2225 Sep 21 j 02:45	9°♍19'17	0°42'30
minimum elong	-2225 Sep 21 j 07:16	9°♍37'37	0°41'56
max. Earth dist.	-2225 Sep 26 j 02:22	17°♍19'30	1.44334 AU
desc. node	-2225 Sep 27 j 19:22	20°♍02'07	
	-2225 Oct 04 j 03:59	0°♎	
evening rise	-2225 Oct 07 j 12:19	5°♎11'00	
	-2225 Oct 23 j 22:59	0°♏	
greatest brilliancy	-2225 Oct 27 j 16:30	5°♏15'16	-0.6m
evening max el	-2225 Nov 03 j 08:36	13°♏25'47	20°14'24
retrograde	-2225 Nov 11 j 04:03	18°♏01'10	
asc. node	-2225 Nov 13 j 13:24	17°♏28'15	
evening set	-2225 Nov 14 j 19:24	16°♏44'18	
inferior conj	-2225 Nov 20 j 07:37	10°♏37'35	2°10'36
minimum elong	-2225 Nov 20 j 05:00	10°♏46'21	2°09'39
min. Earth dist.	-2225 Nov 21 j 02:20	9°♏34'46	0.66825 AU
morning rise	-2225 Nov 25 j 14:02	4°♏21'56	
direct	-2225 Dec 01 j 06:39	1°♏52'39	
morning max el	-2225 Dec 12 j 21:02	8°♏47'01	24°54'03
desc. node	-2225 Dec 24 j 18:44	23°♏11'52	
	-2225 Dec 29 j 14:42	0°♐	
	-2224 Jan 17 j 07:33	0°♑	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning set	-2224 Jan 17 j 23:34	1°♑10'54	
max. Earth dist.	-2224 Jan 21 j 17:01	7°♑55'31	1.37133 AU
superior conj	-2224 Jan 28 j 03:37	20°♑10'44	-1°-42'-6
minimum elong	-2224 Jan 28 j 06:56	20°♑26'55	1°41'51
	-2224 Feb 02 j 02:14	0°♒	
evening rise	-2224 Feb 05 j 13:46	6°♒59'36	
asc. node	-2224 Feb 09 j 12:42	14°♒45'56	
	-2224 Feb 18 j 16:24	0°♓	
evening max el	-2224 Feb 22 j 15:08	4°♓31'46	19°24'58
retrograde	-2224 Mar 02 j 19:53	8°♓55'10	
evening set	-2224 Mar 05 j 02:11	8°♓40'26	
inferior conj	-2224 Mar 13 j 11:09	4°♓33'26	2°11'08
minimum elong	-2224 Mar 13 j 15:43	4°♓25'58	2°09'48
min. Earth dist.	-2224 Mar 16 j 05:40	2°♓45'09	0.56352 AU
	-2224 Mar 21 j 10:30	30°℞♒	
desc. node	-2224 Mar 21 j 17:50	29°♒53'03	
morning rise	-2224 Mar 22 j 01:29	29°♒46'11	
direct	-2224 Mar 26 j 17:38	28°♒56'25	
	-2224 Mar 31 j 23:52	0°♓	
morning max el	-2224 Apr 09 j 20:11	6°♓06'48	24°54'19
	-2224 Apr 27 j 02:08	0°♈	
morning set	-2224 May 05 j 20:26	17°♈07'17	
asc. node	-2224 May 07 j 12:07	20°♈37'42	
	-2224 May 11 j 20:01	0°♉	
superior conj	-2224 May 12 j 21:43	2°♉19'47	0°54'01
minimum elong	-2224 May 12 j 19:35	2°♉08'12	0°53'39
max. Earth dist.	-2224 May 14 j 05:06	5°♉09'59	1.33005 AU
evening rise	-2224 May 20 j 04:14	17°♉44'53	
	-2224 May 26 j 10:56	0°♊	
	-2224 Jun 14 j 18:22	0°♋	
desc. node	-2224 Jun 17 j 17:01	3°♋28'27	
evening max el	-2224 Jun 21 j 13:05	7°♋27'59	27°21'30
retrograde	-2224 Jul 05 j 08:38	14°♋48'37	
evening set	-2224 Jul 12 j 12:19	12°♋19'44	
min. Earth dist.	-2224 Jul 16 j 02:19	9°♋23'54	0.62554 AU
inferior conj	-2224 Jul 19 j 00:22	6°♋36'26	-4°-4'-27
minimum elong	-2224 Jul 19 j 04:07	6°♋27'27	4°03'46
morning rise	-2224 Jul 25 j 22:17	1°♋29'08	
direct	-2224 Jul 28 j 10:31	1°♋00'28	
asc. node	-2224 Aug 03 j 11:22	3°♋47'46	
morning max el	-2224 Aug 04 j 03:23	4°♋25'27	17°55'03
morning set	-2224 Aug 20 j 09:39	29°♋47'55	
	-2224 Aug 20 j 12:21	0°♌	
superior conj	-2224 Aug 31 j 17:20	19°♌37'16	1°17'42
minimum elong	-2224 Aug 31 j 22:38	19°♌59'42	1°17'11
	-2224 Sep 06 j 22:58	0°♍	
max. Earth dist.	-2224 Sep 07 j 16:26	1°♍11'10	1.43131 AU
desc. node	-2224 Sep 13 j 16:24	10°♍46'51	
evening rise	-2224 Sep 15 j 18:02	14°♍01'15	
	-2224 Sep 26 j 06:00	0°♎	
greatest brilliancy	-2224 Oct 11 j 04:20	20°♎57'42	-0.4m
evening max el	-2224 Oct 16 j 07:14	26°♎53'00	21°23'13
	-2224 Oct 19 j 19:39	0°♏	
retrograde	-2224 Oct 25 j 00:54	2°♏04'02	
evening set	-2224 Oct 29 j 03:11	0°♏30'21	
	-2224 Oct 29 j 17:52	30°℞♎	
asc. node	-2224 Oct 30 j 10:28	29°♎20'56	
inferior conj	-2224 Nov 03 j 12:58	24°♎14'50	1°22'44
minimum elong	-2224 Nov 03 j 11:09	24°♎21'03	1°21'59
min. Earth dist.	-2224 Nov 03 j 20:19	23°♎49'32	0.67338 AU
morning rise	-2224 Nov 08 j 18:49	17°♎58'34	
direct	-2224 Nov 13 j 20:00	15°♎50'09	
morning max el	-2224 Nov 24 j 06:01	22°♎02'39	23°27'46
greatest brilliancy	-2224 Nov 30 j 02:12	28°♎40'17	-0.2m
	-2224 Dec 01 j 03:43	0°♏	
desc. node	-2224 Dec 10 j 15:47	12°♏55'38	
	-2224 Dec 21 j 22:46	0°♐	
morning set	-2224 Dec 29 j 06:45	11°♐58'30	
max. Earth dist.	-2223 Jan 02 j 12:27	19°♐14'48	1.39194 AU
	-2223 Jan 08 j 12:13	0°♑	
superior conj	-2223 Jan 10 j 01:28	2°♑52'34	-1°-54'-55
minimum elong	-2223 Jan 10 j 03:27	3°♑01'48	1°54'54
evening rise	-2223 Jan 19 j 08:25	20°♑39'45	
	-2223 Jan 24 j 06:17	0°♒	
asc. node	-2223 Jan 26 j 09:44	3°♒51'51	
evening max el	-2223 Feb 04 j 15:47	16°♒54'31	18°39'23
retrograde	-2223 Feb 12 j 12:32	20°♒43'52	
evening set	-2223 Feb 14 j 22:25	20°♒23'37	
inferior conj	-2223 Feb 22 j 13:46	15°♒57'41	3°19'08
minimum elong	-2223 Feb 22 j 17:47	15°♒50'01	3°18'20
min. Earth dist.	-2223 Feb 25 j 22:30	13°♒25'00	0.58065 AU
morning rise	-2223 Mar 02 j 09:20	10°♒41'17	
direct	-2223 Mar 08 j 05:09	9°♒16'54	
desc. node	-2223 Mar 08 j 14:54	9°♒17'18	
morning max el	-2223 Mar 22 j 12:24	16°♒48'03	26°20'43
	-2223 Apr 02 j 08:16	0°♓	
	-2223 Apr 19 j 07:37	0°♈	
morning set	-2223 Apr 20 j 07:44	2°♈05'32	
asc. node	-2223 Apr 24 j 09:09	10°♈46'44	
superior conj	-2223 Apr 27 j 09:06	17°♈20'03	0°31'07
minimum elong	-2223 Apr 27 j 07:46	17°♈12'44	0°30'51
max. Earth dist.	-2223 Apr 27 j 17:13	18°♈04'30	1.32567 AU
	-2223 May 03 j 05:40	0°♉	
evening rise	-2223 May 04 j 10:21	2°♉30'22	
	-2223 May 19 j 09:23	0°♊	
evening max el	-2223 Jun 03 j 17:01	19°♊39'32	26°49'00
desc. node	-2223 Jun 04 j 14:02	20°♊28'29	
retrograde	-2223 Jun 17 j 16:43	26°♊57'29	
evening set	-2223 Jun 24 j 11:26	24°♊57'03	
min. Earth dist.	-2223 Jun 28 j 06:31	22°♊16'54	0.60583 AU
inferior conj	-2223 Jul 01 j 13:51	19°♊30'54	-4°-27'-29
minimum elong	-2223 Jul 01 j 15:36	19°♊27'14	4°27'20
morning rise	-2223 Jul 08 j 22:53	14°♊45'37	
direct	-2223 Jul 11 j 10:17	14°♊21'49	
morning max el	-2223 Jul 18 j 15:41	17°♊53'48	18°07'53
asc. node	-2223 Jul 21 j 08:26	20°♊54'23	
	-2223 Jul 27 j 08:50	0°♋	
morning set	-2223 Aug 03 j 13:42	13°♋04'15	
	-2223 Aug 12 j 17:57	0°♌	
superior conj	-2223 Aug 13 j 10:42	1°♌15'04	1°38'56
minimum elong	-2223 Aug 13 j 14:02	1°♌30'00	1°38'46
max. Earth dist.	-2223 Aug 21 j 01:04	14°♌26'18	1.41433 AU
evening rise	-2223 Aug 26 j 12:50	23°♌29'10	
	-2223 Aug 30 j 15:08	0°♍	
desc. node	-2223 Aug 31 j 13:24	1°♍26'57	
	-2223 Sep 20 j 06:38	0°♎	
greatest brilliancy	-2223 Sep 24 j 03:41	4°♎54'20	-0.3m
evening max el	-2223 Sep 29 j 00:02	10°♎20'21	22°40'40
retrograde	-2223 Oct 08 j 19:39	16°♎10'11	
evening set	-2223 Oct 13 j 10:53	14°♎17'51	
asc. node	-2223 Oct 17 j 07:32	10°♎00'35	
inferior conj	-2223 Oct 18 j 19:44	7°♎57'05	0°31'05
minimum elong	-2223 Oct 18 j 19:00	7°♎59'35	0°30'45
min. Earth dist.	-2223 Oct 18 j 16:35	8°♎07'57	0.67526 AU
morning rise	-2223 Oct 24 j 03:04	1°♎42'47	
	-2223 Oct 27 j 18:10	30°℞♍	
direct	-2223 Oct 28 j 13:18	29°♍56'44	
	-2223 Oct 29 j 08:48	0°♎	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning max el	-2223 Nov 06 j 18:40	5°♎24'14	22°02'02
greatest brilliancy	-2223 Nov 11 j 13:04	10°♎48'02	-0.4m
	-2223 Nov 25 j 11:36	0°♏	
desc. node	-2223 Nov 27 j 12:49	3°♏02'33	
morning set	-2223 Dec 09 j 09:04	21°♏22'37	
	-2223 Dec 14 j 15:49	0°♐	
max. Earth dist.	-2223 Dec 15 j 11:23	1°♐21'33	1.41259 AU
superior conj	-2223 Dec 23 j 04:19	14°♐36'38	-1°-57'-39
minimum elong	-2223 Dec 23 j 03:16	14°♐31'56	1°57'42
	-2223 Dec 31 j 15:44	0°♑	
evening rise	-2222 Jan 02 j 16:05	3°♑44'18	
asc. node	-2222 Jan 13 j 06:46	22°♑25'26	
evening max el	-2222 Jan 18 j 23:17	29°♑43'58	18°13'53
	-2222 Jan 19 j 05:56	0°♒	
retrograde	-2222 Jan 25 j 23:31	3°♒15'12	
evening set	-2222 Jan 28 j 12:51	2°♒47'58	
	-2222 Feb 02 j 04:47	30°℞♑	
inferior conj	-2222 Feb 04 j 12:54	28°♑00'22	3°51'46
minimum elong	-2222 Feb 04 j 14:30	27°♑56'51	3°51'36
min. Earth dist.	-2222 Feb 07 j 20:32	25°♑05'02	0.60091 AU
morning rise	-2222 Feb 11 j 13:04	22°♑22'09	
direct	-2222 Feb 18 j 04:38	20°♑19'32	
desc. node	-2222 Feb 23 j 11:58	21°♑31'55	
morning max el	-2222 Mar 04 j 10:16	28°♑02'03	27°20'07
	-2222 Mar 06 j 08:22	0°♒	
	-2222 Mar 26 j 23:28	0°♓	
morning set	-2222 Apr 04 j 16:25	16°♓54'23	
	-2222 Apr 10 j 19:22	0°♈	
asc. node	-2222 Apr 11 j 06:10	0°♈59'02	
superior conj	-2222 Apr 11 j 20:44	2°♈18'43	0°06'24
minimum elong	-2222 Apr 11 j 20:26	2°♈17'08	0°06'21
behind sun begin	-2222 Apr 11 j 15:49	1°♈51'49	
behind sun end	-2222 Apr 12 j 01:04	2°♈42'27	
max. Earth dist.	-2222 Apr 11 j 06:22	1°♈00'05	1.32477 AU
evening rise	-2222 Apr 18 j 20:09	17°♈24'38	
	-2222 Apr 25 j 02:47	0°♉	
	-2222 May 15 j 11:19	0°♊	
evening max el	-2222 May 16 j 14:15	1°♊06'26	25°45'36
desc. node	-2222 May 22 j 11:04	5°♊44'27	
retrograde	-2222 May 30 j 15:58	8°♊20'10	
evening set	-2222 Jun 05 j 12:53	6°♊57'32	
min. Earth dist.	-2222 Jun 10 j 02:32	4°♊15'18	0.58530 AU
inferior conj	-2222 Jun 13 j 09:49	1°♊51'34	-4°-26'-36
minimum elong	-2222 Jun 13 j 07:56	1°♊55'01	4°26'27
	-2222 Jun 16 j 01:31	30°℞♉	
morning rise	-2222 Jun 21 j 06:51	27°♉28'59	
direct	-2222 Jun 23 j 18:38	27°♉08'54	
	-2222 Jun 30 j 19:02	0°♊	
morning max el	-2222 Jul 01 j 22:24	1°♊00'06	18°40'46
asc. node	-2222 Jul 08 j 05:30	8°♊55'37	
morning set	-2222 Jul 18 j 05:46	26°♊56'51	
	-2222 Jul 19 j 19:26	0°♋	
superior conj	-2222 Jul 27 j 01:44	13°♋58'30	1°47'48
minimum elong	-2222 Jul 27 j 02:37	14°♋02'39	1°47'50
max. Earth dist.	-2222 Aug 03 j 04:25	26°♋56'28	1.39476 AU
	-2222 Aug 04 j 22:25	0°♌	
evening rise	-2222 Aug 07 j 07:55	4°♌06'18	
desc. node	-2222 Aug 18 j 10:23	21°♌58'15	
	-2222 Aug 23 j 19:36	0°♍	
evening max el	-2222 Sep 11 j 12:38	23°♍49'26	24°01'11
	-2222 Sep 20 j 12:28	0°♎	
retrograde	-2222 Sep 22 j 11:09	0°♎15'47	
	-2222 Sep 24 j 07:45	30°℞♍	
evening set	-2222 Sep 27 j 16:44	28°♍04'28	
min. Earth dist.	-2222 Oct 02 j 12:42	22°♍27'43	0.67409 AU
inferior conj	-2222 Oct 03 j 02:08	21°♍42'09	0°-22'-46
minimum elong	-2222 Oct 03 j 02:41	21°♍40'19	0°22'33
asc. node	-2222 Oct 04 j 04:36	20°♍13'15	
morning rise	-2222 Oct 08 j 12:51	15°♍32'34	
direct	-2222 Oct 12 j 09:39	14°♍07'36	
morning max el	-2222 Oct 20 j 13:45	18°♍53'55	20°43'51
greatest brilliancy	-2222 Oct 26 j 13:57	26°♍00'36	-0.5m
	-2222 Oct 29 j 12:56	0°♎	
desc. node	-2222 Nov 14 j 09:48	23°♎25'16	
morning set	-2222 Nov 18 j 11:31	29°♎42'30	
	-2222 Nov 18 j 16:01	0°♏	
max. Earth dist.	-2222 Nov 27 j 17:05	14°♏20'37	1.43039 AU
superior conj	-2222 Dec 04 j 06:32	25°♏08'51	-1°-46'-7
minimum elong	-2222 Dec 04 j 01:15	24°♏46'43	1°45'51
	-2222 Dec 07 j 03:27	0°♐	
evening rise	-2222 Dec 16 j 08:44	16°♐03'53	
	-2222 Dec 24 j 08:09	0°♑	
asc. node	-2222 Dec 31 j 03:48	10°♑16'06	
evening max el	-2221 Jan 02 j 10:44	12°♑51'36	18°08'12
retrograde	-2221 Jan 09 j 00:54	16°♑18'26	
evening set	-2221 Jan 11 j 17:41	15°♑43'12	
inferior conj	-2221 Jan 18 j 05:33	10°♑34'17	3°56'45
minimum elong	-2221 Jan 18 j 04:46	10°♑36'16	3°56'41
min. Earth dist.	-2221 Jan 21 j 02:36	7°♑40'19	0.62105 AU
morning rise	-2221 Jan 24 j 13:38	4°♑41'39	
direct	-2221 Jan 31 j 14:01	2°♑08'32	
desc. node	-2221 Feb 10 j 09:01	6°♑13'44	
morning max el	-2221 Feb 14 j 14:14	9°♑56'31	27°44'20
	-2221 Mar 02 j 05:50	0°♒	
	-2221 Mar 19 j 03:19	0°♓	
morning set	-2221 Mar 19 j 20:25	1°♓26'33	
max. Earth dist.	-2221 Mar 25 j 16:39	13°♓42'55	1.32746 AU
superior conj	-2221 Mar 27 j 06:57	17°♓10'02	0°-19'-18
minimum elong	-2221 Mar 27 j 07:50	17°♓14'52	0°19'08
asc. node	-2221 Mar 29 j 03:12	21°♓10'35	
	-2221 Apr 02 j 05:09	0°♈	
evening rise	-2221 Apr 03 j 07:42	2°♈20'52	
	-2221 Apr 18 j 11:54	0°♉	
evening max el	-2221 Apr 28 j 06:22	11°♉58'09	24°19'54
desc. node	-2221 May 09 j 08:05	18°♉40'09	
retrograde	-2221 May 12 j 04:09	18°♉58'38	
evening set	-2221 May 16 j 16:56	18°♉12'33	
min. Earth dist.	-2221 May 22 j 18:03	15°♉12'15	0.56707 AU
inferior conj	-2221 May 25 j 09:49	13°♉31'18	-3°-50'-23
minimum elong	-2221 May 25 j 04:10	13°♉40'18	3°49'18
morning rise	-2221 Jun 02 j 19:24	9°♉27'21	
direct	-2221 Jun 05 j 08:11	9°♉10'01	
morning max el	-2221 Jun 14 j 20:41	13°♉35'02	19°34'18
asc. node	-2221 Jun 25 j 02:33	27°♉38'57	
	-2221 Jun 26 j 10:06	0°♊	
morning set	-2221 Jul 02 j 06:24	11°♊17'01	
superior conj	-2221 Jul 10 j 08:52	27°♊31'46	1°46'51
minimum elong	-2221 Jul 10 j 07:50	27°♊26'39	1°46'51
	-2221 Jul 11 j 15:08	0°♋	
max. Earth dist.	-2221 Jul 16 j 06:54	8°♋52'41	1.37527 AU
evening rise	-2221 Jul 20 j 04:08	15°♋57'24	
	-2221 Jul 28 j 10:05	0°♌	
desc. node	-2221 Aug 05 j 07:24	12°♌16'10	
	-2221 Aug 18 j 08:03	0°♍	
evening max el	-2221 Aug 24 j 23:44	7°♍22'42	25°17'41
retrograde	-2221 Sep 05 j 22:28	14°♍17'25	
evening set	-2221 Sep 11 j 19:02	11°♍48'50	
min. Earth dist.	-2221 Sep 16 j 06:20	6°♍47'48	0.66981 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

inferior conj	-2221 Sep 17 j 06:32	5°♍28'55	-1°-17'-12
minimum elong	-2221 Sep 17 j 08:24	5°♍22'49	1°16'25
asc. node	-2221 Sep 21 j 01:40	0°♍58'42	
	-2221 Sep 22 j 04:08	30°℞♌	
morning rise	-2221 Sep 22 j 22:18	29°♌27'02	
direct	-2221 Sep 26 j 07:47	28°♌20'15	
	-2221 Sep 30 j 18:01	0°♍	
morning max el	-2221 Oct 03 j 16:15	2°♍33'03	19°38'03
greatest brilliancy	-2221 Oct 12 j 03:57	13°♍19'51	-0.6m
	-2221 Oct 23 j 06:13	0°♎	
morning set	-2221 Oct 28 j 10:24	8°♎00'00	
desc. node	-2221 Nov 01 j 06:49	13°♎59'25	
max. Earth dist.	-2221 Nov 10 j 05:36	28°♎03'21	1.44305 AU
	-2221 Nov 11 j 10:58	0°♏	
superior conj	-2221 Nov 14 j 05:35	4°♏26'15	-1°-17'-15
minimum elong	-2221 Nov 13 j 21:58	3°♏55'43	1°16'29
evening rise	-2221 Nov 28 j 05:57	27°♏30'19	
	-2221 Nov 29 j 17:29	0°♐	
evening max el	-2221 Dec 16 j 23:20	26°♐10'42	18°21'30
asc. node	-2221 Dec 18 j 00:51	27°♐11'29	
retrograde	-2221 Dec 23 j 12:19	29°♐44'44	
evening set	-2221 Dec 26 j 09:20	29°♐00'13	
inferior conj	-2220 Jan 01 j 11:47	23°♐31'33	3°42'05
minimum elong	-2220 Jan 01 j 09:29	23°♐38'05	3°41'43
min. Earth dist.	-2220 Jan 03 j 18:13	20°♐58'14	0.63886 AU
morning rise	-2220 Jan 07 j 08:07	17°♐29'13	
direct	-2220 Jan 14 j 07:11	14°♐40'15	
morning max el	-2220 Jan 27 j 22:14	22°♐26'46	27°32'17
desc. node	-2220 Jan 28 j 06:04	22°♐46'22	
	-2220 Feb 03 j 15:09	0°♑	
	-2220 Feb 23 j 10:02	0°♒	
morning set	-2220 Mar 02 j 17:13	15°♒33'11	
max. Earth dist.	-2220 Mar 07 j 20:11	25°♒59'56	1.33415 AU
	-2220 Mar 09 j 17:44	0°♓	
superior conj	-2220 Mar 10 j 13:59	1°♓47'41	0°-45'-3
minimum elong	-2220 Mar 10 j 16:02	1°♓58'40	0°44'41
asc. node	-2220 Mar 15 j 00:13	11°♓17'02	
evening rise	-2220 Mar 17 j 19:11	17°♓12'29	
	-2220 Mar 24 j 04:46	0°♈	
evening max el	-2220 Apr 08 j 22:34	22°♈37'39	22°45'17
retrograde	-2220 Apr 22 j 03:09	29°♈07'08	
evening set	-2220 Apr 25 j 08:21	28°♈44'31	
desc. node	-2220 Apr 25 j 05:09	28°♈46'19	
min. Earth dist.	-2220 May 03 j 07:49	25°♈14'38	0.55471 AU
inferior conj	-2220 May 04 j 15:12	24°♈29'35	-2°-31'-28
minimum elong	-2220 May 04 j 09:05	24°♈38'24	2°29'39
morning rise	-2220 May 13 j 12:19	20°♈34'01	
direct	-2220 May 16 j 04:27	20°♈17'17	
morning max el	-2220 May 27 j 08:21	25°♈29'27	20°47'56
	-2220 May 31 j 11:28	0°♉	
asc. node	-2220 Jun 10 j 23:35	16°♉53'32	
morning set	-2220 Jun 15 j 12:50	25°♉56'40	
	-2220 Jun 17 j 12:01	0°♊	
superior conj	-2220 Jun 23 j 03:22	11°♊40'19	1°38'25
minimum elong	-2220 Jun 23 j 01:11	11°♊29'11	1°38'17
max. Earth dist.	-2220 Jun 27 j 14:58	20°♊40'44	1.35802 AU
evening rise	-2220 Jul 01 j 20:57	28°♊49'50	
	-2220 Jul 02 j 12:01	0°♋	
	-2220 Jul 20 j 15:25	0°♌	
desc. node	-2220 Jul 22 j 04:26	2°♌13'25	
evening max el	-2220 Aug 06 j 11:09	20°♌56'42	26°22'18
retrograde	-2220 Aug 19 j 04:53	28°♌08'44	
evening set	-2220 Aug 25 j 15:39	25°♌27'24	
min. Earth dist.	-2220 Aug 29 j 18:56	21°♌04'18	0.66214 AU
inferior conj	-2220 Aug 31 j 06:59	19°♌13'39	-2°-10'-29
minimum elong	-2220 Aug 31 j 10:04	19°♌04'08	2°09'19
morning rise	-2220 Sep 06 j 05:25	13°♌22'53	
asc. node	-2220 Sep 06 j 22:45	13°♌01'01	
direct	-2220 Sep 09 j 05:56	12°♌30'50	
morning max el	-2220 Sep 16 j 01:16	16°♌18'59	18°47'22
	-2220 Sep 26 j 05:08	0°♍	
morning set	-2220 Oct 07 j 04:24	17°♍18'29	
	-2220 Oct 15 j 04:38	0°♎	
desc. node	-2220 Oct 18 j 03:52	4°♎40'52	
superior conj	-2220 Oct 23 j 08:29	12°♎51'24	0°-33'00
minimum elong	-2220 Oct 23 j 04:11	12°♎34'27	0°32'28
max. Earth dist.	-2220 Oct 22 j 23:03	12°♎14'16	1.44893 AU
	-2220 Nov 03 j 04:31	0°♏	
evening rise	-2220 Nov 08 j 03:48	7°♏57'02	
	-2220 Nov 22 j 02:00	0°♐	
evening max el	-2220 Nov 29 j 10:30	9°♐35'58	18°52'42
asc. node	-2220 Dec 03 j 21:53	12°♐57'07	
retrograde	-2220 Dec 06 j 05:59	13°♐27'12	
evening set	-2220 Dec 09 j 08:38	12°♐31'43	
inferior conj	-2220 Dec 15 j 04:01	6°♐45'42	3°13'46
minimum elong	-2220 Dec 15 j 01:04	6°♐54'47	3°13'01
min. Earth dist.	-2220 Dec 16 j 19:27	4°♐44'31	0.65318 AU
morning rise	-2220 Dec 20 j 16:30	0°♐36'27	
	-2220 Dec 21 j 10:17	30°℞♏	
direct	-2220 Dec 27 j 06:48	27°♏46'45	
	-2219 Jan 02 j 20:07	0°♐	
morning max el	-2219 Jan 09 j 07:50	5°♐22'34	26°48'26
desc. node	-2219 Jan 14 j 03:09	10°♐38'16	
	-2219 Jan 28 j 05:57	0°♑	
morning set	-2219 Feb 14 j 03:28	29°♑03'43	
	-2219 Feb 14 j 15:14	0°♒	
max. Earth dist.	-2219 Feb 18 j 13:40	7°♒43'46	1.34521 AU
superior conj	-2219 Feb 22 j 15:43	16°♒04'52	-1°-9'-39
minimum elong	-2219 Feb 22 j 18:44	16°♒20'32	1°09'13
	-2219 Mar 01 j 07:02	0°♓	
asc. node	-2219 Mar 01 j 21:15	1°♓14'06	
evening rise	-2219 Mar 02 j 04:48	1°♓53'17	
	-2219 Mar 18 j 14:33	0°♈	
evening max el	-2219 Mar 21 j 21:10	3°♈32'32	21°15'29
retrograde	-2219 Apr 02 j 17:05	9°♈14'40	
evening set	-2219 Apr 05 j 03:18	9°♈01'08	
desc. node	-2219 Apr 12 j 02:11	6°♈19'46	
inferior conj	-2219 Apr 14 j 10:25	5°♈01'58	0°-39'-33
minimum elong	-2219 Apr 14 j 08:33	5°♈04'36	0°38'54
min. Earth dist.	-2219 Apr 14 j 21:18	4°♈46'39	0.55092 AU
morning rise	-2219 Apr 23 j 13:34	0°♈58'24	
direct	-2219 Apr 26 j 16:03	0°♈37'26	
morning max el	-2219 May 09 j 09:16	6°♈42'09	22°18'26
	-2219 May 25 j 12:53	0°♉	
asc. node	-2219 May 28 j 20:40	6°♉31'34	
morning set	-2219 May 30 j 22:54	10°♉49'36	
superior conj	-2219 Jun 07 j 05:42	26°♉13'57	1°24'20
minimum elong	-2219 Jun 07 j 03:07	26°♉00'17	1°24'03
	-2219 Jun 09 j 00:50	0°♊	
max. Earth dist.	-2219 Jun 10 j 08:34	2°♊44'20	1.34421 AU
evening rise	-2219 Jun 15 j 05:13	12°♊29'23	
	-2219 Jun 24 j 19:33	0°♋	
desc. node	-2219 Jul 09 j 01:26	21°♋41'02	
	-2219 Jul 15 j 18:37	0°♌	
evening max el	-2219 Jul 19 j 22:51	4°♌22'51	27°07'05
retrograde	-2219 Aug 02 j 05:51	11°♌42'50	
evening set	-2219 Aug 09 j 04:08	8°♌56'33	
min. Earth dist.	-2219 Aug 13 j 00:08	5°♌11'39	0.65080 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

inferior conj	-2219 Aug 15 j 01:19	2°♌52'26	-3°00'-27
minimum elong	-2219 Aug 15 j 05:19	2°♌41'08	2°59'12
	-2219 Aug 17 j 17:23	30°℞♋	
morning rise	-2219 Aug 21 j 07:54	27°♋16'11	
direct	-2219 Aug 24 j 01:49	26°♋35'32	
asc. node	-2219 Aug 24 j 19:51	26°♋38'35	
	-2219 Aug 30 j 11:34	0°♌	
morning max el	-2219 Aug 30 j 14:43	0°♌07'52	18°13'12
morning set	-2219 Sep 18 j 02:15	27°♌58'40	
	-2219 Sep 19 j 07:33	0°♍	
superior conj	-2219 Oct 02 j 11:08	21°♍20'56	0°16'35
minimum elong	-2219 Oct 02 j 13:11	21°♍29'07	0°16'18
desc. node	-2219 Oct 05 j 00:53	25°♍25'59	
max. Earth dist.	-2219 Oct 05 j 17:53	26°♍33'10	1.44743 AU
	-2219 Oct 07 j 22:22	0°♎	
evening rise	-2219 Oct 19 j 01:55	17°♎24'58	
	-2219 Oct 27 j 04:55	0°♏	
greatest brilliancy	-2219 Nov 04 j 14:39	12°♏37'51	-0.7m
evening max el	-2219 Nov 12 j 17:54	23°♏02'56	19°40'19
retrograde	-2219 Nov 20 j 02:47	27°♏20'11	
asc. node	-2219 Nov 20 j 18:58	27°♏17'35	
evening set	-2219 Nov 23 j 12:55	26°♏11'41	
inferior conj	-2219 Nov 29 j 03:13	20°♏11'20	2°35'46
minimum elong	-2219 Nov 29 j 00:19	20°♏20'48	2°34'49
min. Earth dist.	-2219 Nov 30 j 04:56	18°♏47'07	0.66376 AU
morning rise	-2219 Dec 04 j 11:03	13°♏57'21	
direct	-2219 Dec 10 j 12:08	11°♏18'33	
morning max el	-2219 Dec 22 j 17:05	18°♏31'51	25°40'26
desc. node	-2218 Jan 01 j 00:12	29°♏25'32	
	-2218 Jan 01 j 10:42	0°♐	
	-2218 Jan 21 j 06:41	0°♑	
morning set	-2218 Jan 27 j 22:34	11°♑43'36	
max. Earth dist.	-2218 Jan 31 j 19:27	18°♑56'51	1.36071 AU
superior conj	-2218 Feb 06 j 09:27	29°♑52'30	-1°-31'-34
minimum elong	-2218 Feb 06 j 12:54	0°♒09'50	1°31'11
	-2218 Feb 06 j 10:57	0°♒	
evening rise	-2218 Feb 14 j 10:30	16°♒15'40	
asc. node	-2218 Feb 16 j 18:17	20°♒56'00	
	-2218 Feb 21 j 13:03	0°♓	
evening max el	-2218 Mar 04 j 05:58	14°♓59'48	19°59'55
retrograde	-2218 Mar 14 j 09:29	19°♓50'10	
evening set	-2218 Mar 16 j 14:38	19°♓37'20	
inferior conj	-2218 Mar 25 j 09:25	15°♓36'52	1°15'36
minimum elong	-2218 Mar 25 j 12:35	15°♓32'03	1°14'33
min. Earth dist.	-2218 Mar 27 j 11:23	14°♓21'03	0.55650 AU
desc. node	-2218 Mar 29 j 23:16	12°♓56'18	
morning rise	-2218 Apr 03 j 07:41	11°♓07'47	
direct	-2218 Apr 07 j 07:23	10°♓32'48	
morning max el	-2218 Apr 21 j 02:27	17°♓23'36	23°58'01
	-2218 May 01 j 07:49	0°♈	
morning set	-2218 May 15 j 10:46	25°♈49'32	
asc. node	-2218 May 15 j 17:42	26°♈25'57	
	-2218 May 17 j 10:03	0°♉	
superior conj	-2218 May 22 j 13:12	11°♉03'49	1°06'02
minimum elong	-2218 May 22 j 10:46	10°♉50'43	1°05'40
max. Earth dist.	-2218 May 24 j 11:22	15°♉11'21	1.33412 AU
evening rise	-2218 May 30 j 00:32	26°♉42'56	
	-2218 May 31 j 16:09	0°♊	
	-2218 Jun 18 j 03:46	0°♋	
desc. node	-2218 Jun 25 j 22:28	10°♋26'41	
evening max el	-2218 Jul 02 j 09:15	17°♋29'17	27°25'11
retrograde	-2218 Jul 16 j 01:10	24°♋51'22	
evening set	-2218 Jul 23 j 05:21	22°♋11'46	
min. Earth dist.	-2218 Jul 26 j 20:04	19°♋00'57	0.63569 AU
inferior conj	-2218 Jul 29 j 11:00	16°♋20'06	-3°-44'-2
minimum elong	-2218 Jul 29 j 15:10	16°♋09'25	3°43'04
morning rise	-2218 Aug 05 j 03:01	11°♋01'43	
direct	-2218 Aug 07 j 16:39	10°♋29'28	
asc. node	-2218 Aug 11 j 16:56	11°♋48'35	
morning max el	-2218 Aug 14 j 06:00	13°♋54'34	17°56'30
	-2218 Aug 25 j 08:45	0°♌	
morning set	-2218 Aug 31 j 01:35	9°♌51'49	
	-2218 Sep 11 j 21:16	0°♍	
superior conj	-2218 Sep 12 j 09:59	0°♍52'37	0°59'07
minimum elong	-2218 Sep 12 j 15:20	1°♍14'39	0°58'30
max. Earth dist.	-2218 Sep 18 j 10:14	10°♍39'04	1.43885 AU
desc. node	-2218 Sep 21 j 21:54	16°♍11'54	
evening rise	-2218 Sep 28 j 08:37	26°♍15'52	
	-2218 Sep 30 j 18:52	0°♎	
greatest brilliancy	-2218 Oct 20 j 22:17	29°♎27'39	-0.5m
	-2218 Oct 21 j 08:09	0°♏	
evening max el	-2218 Oct 26 j 19:51	6°♏29'59	20°42'17
retrograde	-2218 Nov 04 j 00:17	11°♏20'28	
evening set	-2218 Nov 07 j 19:58	9°♏56'40	
asc. node	-2218 Nov 07 j 16:02	10°♏03'47	
inferior conj	-2218 Nov 13 j 06:56	3°♏45'30	1°50'55
minimum elong	-2218 Nov 13 j 04:37	3°♏53'23	1°50'00
min. Earth dist.	-2218 Nov 13 j 20:37	2°♏58'56	0.67077 AU
	-2218 Nov 16 j 03:38	30°℞♎	
morning rise	-2218 Nov 18 j 12:50	27°♎29'09	
direct	-2218 Nov 23 j 22:46	25°♎08'31	
	-2218 Dec 03 j 05:20	0°♏	
morning max el	-2218 Dec 05 j 01:43	1°♏46'35	24°17'54
desc. node	-2218 Dec 18 j 21:16	18°♏52'19	
	-2218 Dec 26 j 12:20	0°♐	
morning set	-2217 Jan 09 j 20:43	23°♐17'26	
max. Earth dist.	-2217 Jan 13 j 16:24	0°♑02'45	1.37992 AU
	-2217 Jan 13 j 15:47	0°♑	
superior conj	-2217 Jan 20 j 15:47	13°♑01'37	-1°-48'-32
minimum elong	-2217 Jan 20 j 18:43	13°♑15'42	1°48'23
evening rise	-2217 Jan 29 j 09:59	0°♒13'23	
	-2217 Jan 29 j 07:16	0°♒	
asc. node	-2217 Feb 03 j 15:18	10°♒17'09	
evening max el	-2217 Feb 15 j 01:23	27°♒03'55	19°03'01
	-2217 Feb 19 j 00:31	0°♓	
retrograde	-2217 Feb 23 j 15:28	1°♓11'10	
evening set	-2217 Feb 25 j 22:59	0°♓54'30	
	-2217 Feb 28 j 13:00	30°℞♒	
inferior conj	-2217 Mar 06 j 00:21	26°♒40'10	2°44'35
minimum elong	-2217 Mar 06 j 05:04	26°♒31'55	2°43'23
min. Earth dist.	-2217 Mar 09 j 03:05	24°♒30'32	0.57022 AU
morning rise	-2217 Mar 14 j 07:08	21°♒39'18	
desc. node	-2217 Mar 16 j 20:20	20°♒52'30	
direct	-2217 Mar 19 j 11:19	20°♒36'01	
morning max el	-2217 Apr 02 j 17:25	27°♒57'35	25°33'31
	-2217 Apr 04 j 17:37	0°♓	
	-2217 Apr 24 j 13:50	0°♈	
morning set	-2217 Apr 29 j 22:44	10°♈50'16	
asc. node	-2217 May 02 j 14:43	16°♈31'08	
superior conj	-2217 May 06 j 23:42	26°♈02'32	0°44'34
minimum elong	-2217 May 06 j 21:53	25°♈52'32	0°44'14
max. Earth dist.	-2217 May 07 j 20:55	27°♈58'06	1.32772 AU
	-2217 May 08 j 19:21	0°♉	
evening rise	-2217 May 14 j 03:30	11°♉19'38	
	-2217 May 23 j 21:48	0°♊	
desc. node	-2217 Jun 12 j 19:29	28°♊12'16	
evening max el	-2217 Jun 14 j 16:10	0°♋03'44	27°11'43
	-2217 Jun 14 j 14:36	0°♋	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

retrograde	-2217 Jun 28 j 14:02	7°♋24'19		
evening set	-2217 Jul 05 j 15:15	5°♋05'45		
min. Earth dist.	-2217 Jul 09 j 06:00	2°♋18'41	0.61730 AU	
	-2217 Jul 11 j 19:22	30°℞♊		
inferior conj	-2217 Jul 12 j 08:51	29°♊29'10	-4°-16'-34	
minimum elong	-2217 Jul 12 j 11:57	29°♊22'05	4°16'08	
morning rise	-2217 Jul 19 j 11:25	24°♊31'15		
direct	-2217 Jul 21 j 22:56	24°♊05'01		
morning max el	-2217 Jul 28 j 20:15	27°♊31'55	17°58'10	
asc. node	-2217 Jul 29 j 14:00	28°♊17'07		
	-2217 Jul 31 j 01:52	0°♋		
morning set	-2217 Aug 13 j 20:41	22°♋41'36		
	-2217 Aug 17 j 21:11	0°♌		
superior conj	-2217 Aug 24 j 12:21	11°♌45'34	1°28'22	
minimum elong	-2217 Aug 24 j 17:00	12°♌05'42	1°28'00	
max. Earth dist.	-2217 Aug 31 j 21:31	24°♌14'26	1.42445 AU	
	-2217 Sep 04 j 10:25	0°♍		
evening rise	-2217 Sep 07 j 17:40	5°♍15'46		
desc. node	-2217 Sep 08 j 18:54	6°♍54'57		
	-2217 Sep 24 j 03:29	0°♎		
greatest brilliancy	-2217 Oct 04 j 20:40	14°♎29'34	-0.4m	
evening max el	-2217 Oct 09 j 15:48	19°♎56'35	21°55'28	
retrograde	-2217 Oct 18 j 20:27	25°♎24'34		
evening set	-2217 Oct 23 j 03:54	23°♎43'20		
asc. node	-2217 Oct 25 j 13:06	21°♎21'06		
inferior conj	-2217 Oct 28 j 13:06	17°♎25'03	1°01'13	
minimum elong	-2217 Oct 28 j 11:43	17°♎29'49	1°00'37	
min. Earth dist.	-2217 Oct 28 j 15:58	17°♎15'09	0.67449 AU	
morning rise	-2217 Nov 02 j 19:19	11°♎09'00		
direct	-2217 Nov 07 j 13:59	9°♎10'00		
morning max el	-2217 Nov 17 j 11:45	15°♎03'56	22°50'43	
greatest brilliancy	-2217 Nov 22 j 05:55	20°♎24'07	-0.3m	
	-2217 Nov 29 j 14:20	0°♏		
desc. node	-2217 Dec 05 j 18:18	8°♏46'45		
	-2217 Dec 19 j 12:31	0°♐		
morning set	-2217 Dec 21 j 15:50	3°♐29'41		
max. Earth dist.	-2217 Dec 26 j 11:55	11°♐37'12	1.40084 AU	
superior conj	-2216 Jan 03 j 06:13	25°♐20'39	-1°-57'-33	
minimum elong	-2216 Jan 03 j 07:08	25°♐24'48	1°57'36	
	-2216 Jan 05 j 18:55	0°♑		
evening rise	-2216 Jan 13 j 00:21	13°♑39'13		
asc. node	-2216 Jan 21 j 12:19	29°♑10'41		
	-2216 Jan 22 j 00:14	0°♒		
evening max el	-2216 Jan 29 j 05:24	9°♒39'54	18°26'08	
retrograde	-2216 Feb 05 j 15:59	13°♒19'23		
evening set	-2216 Feb 08 j 03:24	12°♒56'19		
inferior conj	-2216 Feb 15 j 11:56	8°♒21'42	3°36'52	
minimum elong	-2216 Feb 15 j 15:00	8°♒15'26	3°36'23	
min. Earth dist.	-2216 Feb 18 j 21:59	5°♒36'06	0.58911 AU	
morning rise	-2216 Feb 22 j 23:01	2°♒54'59		
direct	-2216 Feb 29 j 04:42	1°♒13'41		
desc. node	-2216 Mar 02 j 17:24	1°♒30'00		
morning max el	-2216 Mar 14 j 11:39	8°♒51'04	26°49'48	
	-2216 Mar 30 j 13:20	0°♓		
morning set	-2216 Apr 13 j 09:10	25°♓45'56		
	-2216 Apr 15 j 09:16	0°♈		
asc. node	-2216 Apr 18 j 11:44	6°♈42'35		
superior conj	-2216 Apr 20 j 11:27	11°♈03'47	0°20'49	
minimum elong	-2216 Apr 20 j 10:32	10°♈58'46	0°20'38	
max. Earth dist.	-2216 Apr 20 j 09:50	10°♈54'58	1.32486 AU	
evening rise	-2216 Apr 27 j 11:30	26°♈10'43		
	-2216 Apr 29 j 07:52	0°♉		
	-2216 May 16 j 15:57	0°♊		
evening max el	-2216 May 26 j 17:30	11°♊57'32	26°25'32	
desc. node	-2216 May 29 j 16:29	14°♊32'55		
retrograde	-2216 Jun 09 j 18:48	19°♊14'11		
evening set	-2216 Jun 16 j 05:32	17°♊29'30		
min. Earth dist.	-2216 Jun 20 j 06:43	14°♊50'19	0.59701 AU	
inferior conj	-2216 Jun 23 j 15:21	12°♊11'15	-4°-30'-45	
minimum elong	-2216 Jun 23 j 15:44	12°♊10'30	4°30'42	
morning rise	-2216 Jul 01 j 05:22	7°♊35'27		
direct	-2216 Jul 03 j 16:42	7°♊13'25		
morning max el	-2216 Jul 11 j 06:33	10°♊52'23	18°19'18	
asc. node	-2216 Jul 15 j 11:04	15°♊49'00		
	-2216 Jul 23 j 22:45	0°♋		
morning set	-2216 Jul 27 j 06:24	6°♋14'58		
superior conj	-2216 Aug 05 j 15:40	23°♋53'12	1°44'03	
minimum elong	-2216 Aug 05 j 17:56	24°♋03'35	1°43'59	
	-2216 Aug 09 j 01:01	0°♌		
max. Earth dist.	-2216 Aug 13 j 03:28	7°♌09'41	1.40620 AU	
evening rise	-2216 Aug 17 j 22:13	15°♌11'35		
desc. node	-2216 Aug 25 j 15:52	27°♌31'46		
	-2216 Aug 27 j 06:27	0°♍		
greatest brilliancy	-2216 Sep 15 j 06:23	26°♍37'11	-0.2m	
	-2216 Sep 18 j 02:36	0°♎		
evening max el	-2216 Sep 21 j 06:39	3°♎24'40	23°15'02	
retrograde	-2216 Oct 01 j 13:51	9°♎30'21		
evening set	-2216 Oct 06 j 10:59	7°♎30'08		
asc. node	-2216 Oct 11 j 10:11	1°♎41'53		
inferior conj	-2216 Oct 11 j 19:55	1°♎08'27	0°08'24	
minimum elong	-2216 Oct 11 j 19:43	1°♎09'08	0°08'19	
transit middle	-2216 Oct 11 j 19:43	1°♎09'08	0°08'19	
transit begin	-2216 Oct 11 j 17:23	1°♎17'08		
transit end	-2216 Oct 11 j 22:03	1°♎01'08		
min. Earth dist.	-2216 Oct 11 j 12:30	1°♎33'55	0.67515 AU	
	-2216 Oct 12 j 15:57	30°℞♍		
morning rise	-2216 Oct 17 j 04:27	24°♍55'40		
direct	-2216 Oct 21 j 08:51	23°♍18'36		
morning max el	-2216 Oct 30 j 02:41	28°♍27'37	21°27'27	
	-2216 Oct 31 j 13:34	0°♎		
greatest brilliancy	-2216 Nov 04 j 06:31	4°♎23'47	-0.4m	
desc. node	-2216 Nov 21 j 15:19	29°♎00'53		
	-2216 Nov 22 j 06:56	0°♏		
morning set	-2216 Nov 30 j 06:22	12°♏20'34		
max. Earth dist.	-2216 Dec 07 j 13:20	24°♏05'39	1.42066 AU	
	-2216 Dec 11 j 02:27	0°♐		
superior conj	-2216 Dec 14 j 23:15	6°♐35'40	-1°-54'-45	
minimum elong	-2216 Dec 14 j 20:26	6°♐23'30	1°54'43	
evening rise	-2216 Dec 26 j 02:06	26°♐25'15		
	-2216 Dec 28 j 01:19	0°♑		
asc. node	-2215 Jan 07 j 09:22	17°♑27'26		
evening max el	-2215 Jan 11 j 15:01	22°♑38'26	18°09'10	
retrograde	-2215 Jan 18 j 09:34	26°♑05'53		
evening set	-2215 Jan 21 j 00:29	25°♑35'13		
inferior conj	-2215 Jan 27 j 18:58	20°♑38'24	3°56'44	
minimum elong	-2215 Jan 27 j 19:28	20°♑37'12	3°56'40	
min. Earth dist.	-2215 Jan 30 j 22:53	17°♑41'06	0.60966 AU	
morning rise	-2215 Feb 03 j 11:49	14°♑53'43		
direct	-2215 Feb 10 j 08:41	12°♑36'38		
desc. node	-2215 Feb 17 j 14:29	14°♑51'36		
morning max el	-2215 Feb 24 j 12:00	20°♑21'21	27°34'56	
	-2215 Mar 04 j 19:45	0°♒		
	-2215 Mar 23 j 09:20	0°♓		
morning set	-2215 Mar 28 j 16:08	10°♓28'45		
max. Earth dist.	-2215 Apr 03 j 22:20	23°♓47'28	1.32552 AU	
superior conj	-2215 Apr 04 j 22:42	26°♓00'19	0°-4'-25	
minimum elong	-2215 Apr 04 j 22:54	26°♓01'26	0°04'24	
behind sun begin	-2215 Apr 04 j 18:01	25°♓34'48		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

behind sun end	-2215 Apr 05 j 03:47	26°♓28'05	
asc. node	-2215 Apr 05 j 08:45	26°♓55'17	
	-2215 Apr 06 j 18:33	0°♈	
evening rise	-2215 Apr 11 j 22:18	11°♈07'11	
	-2215 Apr 21 j 15:26	0°♉	
evening max el	-2215 May 08 j 12:22	23°♉08'23	25°11'09
desc. node	-2215 May 16 j 13:32	28°♉54'16	
	-2215 May 19 j 20:26	0°♊	
retrograde	-2215 May 22 j 13:13	0°♊17'07	
	-2215 May 25 j 05:58	30°℞♉	
evening set	-2215 May 27 j 21:23	29°♉11'09	
min. Earth dist.	-2215 Jun 02 j 00:21	26°♉22'53	0.57715 AU
inferior conj	-2215 Jun 05 j 03:01	24°♉15'31	-4°-16'-12
minimum elong	-2215 Jun 04 j 23:23	24°♉21'47	4°15'45
morning rise	-2215 Jun 13 j 05:20	20°♉01'20	
direct	-2215 Jun 15 j 17:38	19°♉42'25	
morning max el	-2215 Jun 24 j 09:55	23°♉46'05	19°00'55
	-2215 Jun 29 j 15:16	0°♊	
asc. node	-2215 Jul 02 j 08:06	4°♊09'25	
morning set	-2215 Jul 11 j 02:31	20°♊20'31	
	-2215 Jul 15 j 23:55	0°♋	
superior conj	-2215 Jul 19 j 14:12	6°♋59'29	1°48'26
minimum elong	-2215 Jul 19 j 14:11	6°♋59'23	1°48'29
max. Earth dist.	-2215 Jul 26 j 06:10	19°♋24'42	1.38640 AU
evening rise	-2215 Jul 30 j 04:22	26°♋20'56	
	-2215 Aug 01 j 07:32	0°♌	
desc. node	-2215 Aug 12 j 12:52	17°♌58'03	
	-2215 Aug 20 j 20:28	0°♍	
evening max el	-2215 Sep 03 j 18:28	16°♍55'56	24°34'42
retrograde	-2215 Sep 15 j 03:30	23°♍34'48	
evening set	-2215 Sep 20 j 15:34	21°♍15'47	
min. Earth dist.	-2215 Sep 25 j 07:47	15°♍54'06	0.67270 AU
inferior conj	-2215 Sep 26 j 01:41	14°♍54'17	0°-45'-54
minimum elong	-2215 Sep 26 j 02:48	14°♍50'35	0°45'25
asc. node	-2215 Sep 28 j 07:16	12°♍01'26	
morning rise	-2215 Oct 01 j 14:21	8°♍47'47	
direct	-2215 Oct 05 j 06:09	7°♍30'51	
morning max el	-2215 Oct 13 j 00:56	12°♍01'17	20°14'12
greatest brilliancy	-2215 Oct 19 j 21:20	20°♍20'44	-0.6m
	-2215 Oct 26 j 15:50	0°♎	
desc. node	-2215 Nov 08 j 12:19	19°♎29'03	
morning set	-2215 Nov 09 j 04:15	20°♎30'37	
	-2215 Nov 15 j 06:07	0°♏	
max. Earth dist.	-2215 Nov 19 j 22:48	7°♏27'36	1.43651 AU
superior conj	-2215 Nov 25 j 13:52	16°♏35'29	-1°-36'-4
minimum elong	-2215 Nov 25 j 07:05	16°♏07'38	1°35'33
	-2215 Dec 03 j 14:01	0°♐	
evening rise	-2215 Dec 08 j 11:04	8°♐23'30	
	-2215 Dec 21 j 10:49	0°♑	
asc. node	-2215 Dec 25 j 06:26	4°♑56'25	
evening max el	-2215 Dec 26 j 03:18	5°♑51'43	18°11'36
retrograde	-2214 Jan 01 j 15:54	9°♑20'23	
evening set	-2214 Jan 04 j 10:24	8°♑41'14	
inferior conj	-2214 Jan 10 j 17:54	3°♑23'22	3°52'33
minimum elong	-2214 Jan 10 j 16:21	3°♑27'28	3°52'23
min. Earth dist.	-2214 Jan 13 j 08:48	0°♑36'36	0.62895 AU
	-2214 Jan 13 j 23:16	30°℞♐	
morning rise	-2214 Jan 16 j 20:29	27°♐26'12	
direct	-2214 Jan 23 j 21:15	24°♐44'51	
	-2214 Feb 03 j 23:57	0°♑	
desc. node	-2214 Feb 04 j 11:33	0°♑25'04	
morning max el	-2214 Feb 06 j 18:07	2°♑32'31	27°43'37
	-2214 Feb 27 j 03:21	0°♒	
morning set	-2214 Mar 12 j 17:27	24°♒51'18	
	-2214 Mar 15 j 05:52	0°♓	
max. Earth dist.	-2214 Mar 18 j 06:31	6°♓22'09	1.32987 AU
superior conj	-2214 Mar 20 j 07:48	10°♓46'31	0°-30'-15
minimum elong	-2214 Mar 20 j 09:11	10°♓54'03	0°30'00
asc. node	-2214 Mar 23 j 05:47	17°♓05'06	
evening rise	-2214 Mar 27 j 10:04	26°♓02'25	
	-2214 Mar 29 j 07:42	0°♈	
	-2214 Apr 16 j 13:08	0°♉	
evening max el	-2214 Apr 20 j 03:37	3°♉50'48	23°39'42
desc. node	-2214 May 03 j 10:36	10°♉40'09	
retrograde	-2214 May 03 j 19:35	10°♉40'29	
evening set	-2214 May 07 j 18:25	10°♉06'03	
min. Earth dist.	-2214 May 14 j 14:27	6°♉54'46	0.56101 AU
inferior conj	-2214 May 16 j 18:32	5°♉36'21	-3°-22'-2
minimum elong	-2214 May 16 j 12:05	5°♉46'07	3°20'29
morning rise	-2214 May 25 j 09:24	1°♉38'00	
direct	-2214 May 27 j 23:18	1°♉21'15	
morning max el	-2214 Jun 07 j 03:50	6°♉04'15	20°03'16
asc. node	-2214 Jun 19 j 05:09	23°♉06'50	
	-2214 Jun 22 j 19:56	0°♊	
morning set	-2214 Jun 25 j 05:53	4°♊49'41	
superior conj	-2214 Jul 03 j 02:40	20°♊49'12	1°44'03
minimum elong	-2214 Jul 03 j 01:03	20°♊41'07	1°44'01
	-2214 Jul 07 j 18:53	0°♋	
max. Earth dist.	-2214 Jul 08 j 10:29	1°♋14'33	1.36759 AU
evening rise	-2214 Jul 12 j 09:57	8°♋39'14	
	-2214 Jul 25 j 00:58	0°♌	
desc. node	-2214 Jul 30 j 09:53	8°♌07'59	
	-2214 Aug 16 j 17:33	0°♍	
evening max el	-2214 Aug 17 j 05:25	0°♍29'21	25°47'03
retrograde	-2214 Aug 29 j 12:46	7°♍32'50	
evening set	-2214 Sep 04 j 15:43	4°♍57'45	
min. Earth dist.	-2214 Sep 08 j 23:27	0°♍12'59	0.66699 AU
	-2214 Sep 09 j 03:33	30°℞♌	
inferior conj	-2214 Sep 10 j 04:37	28°♌40'03	-1°-40'-6
minimum elong	-2214 Sep 10 j 07:02	28°♌32'22	1°39'07
asc. node	-2214 Sep 15 j 04:21	23°♌15'07	
morning rise	-2214 Sep 15 j 23:04	22°♌42'49	
direct	-2214 Sep 19 j 04:25	21°♌42'51	
morning max el	-2214 Sep 26 j 06:31	25°♌43'56	19°14'35
	-2214 Sep 29 j 22:39	0°♍	
morning set	-2214 Oct 19 j 09:05	29°♍08'09	
	-2214 Oct 19 j 22:21	0°♎	
desc. node	-2214 Oct 26 j 09:20	10°♎06'28	
max. Earth dist.	-2214 Nov 02 j 13:58	21°♎25'00	1.44638 AU
superior conj	-2214 Nov 05 j 02:31	25°♎24'38	0°-59'-55
minimum elong	-2214 Nov 04 j 19:34	24°♎57'04	0°59'07
	-2214 Nov 07 j 23:43	0°♏	
evening rise	-2214 Nov 19 j 22:43	19°♏24'56	
	-2214 Nov 26 j 08:47	0°♐	
evening max el	-2214 Dec 09 j 15:29	19°♐12'59	18°32'39
asc. node	-2214 Dec 12 j 03:31	21°♐23'32	
retrograde	-2214 Dec 16 j 06:31	22°♐53'38	
evening set	-2214 Dec 19 j 05:38	22°♐04'45	
inferior conj	-2214 Dec 25 j 04:47	16°♐28'11	3°31'29
minimum elong	-2214 Dec 25 j 02:07	16°♐36'05	3°30'57
min. Earth dist.	-2214 Dec 27 j 04:42	14°♐07'32	0.64533 AU
morning rise	-2214 Dec 30 j 21:18	10°♐22'20	
direct	-2213 Jan 06 j 17:11	7°♐31'28	
morning max el	-2213 Jan 20 j 03:21	15°♐15'26	27°17'13
desc. node	-2213 Jan 22 j 08:36	17°♐34'17	
	-2213 Feb 01 j 06:47	0°♑	
	-2213 Feb 19 j 19:41	0°♒	
morning set	-2213 Feb 24 j 10:15	8°♒43'48	
max. Earth dist.	-2213 Mar 01 j 06:11	18°♒25'22	1.33827 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2213 Mar 04 j 12:50	25°♒15'43	0°-55'-43
minimum elong	-2213 Mar 04 j 15:20	25°♒28'57	0°55'17
	-2213 Mar 06 j 18:25	0°♓	
asc. node	-2213 Mar 10 j 02:50	7°♓07'52	
evening rise	-2213 Mar 11 j 20:58	10°♓49'40	
	-2213 Mar 21 j 21:49	0°♈	
evening max el	-2213 Apr 01 j 21:40	14°♈33'12	22°05'49
retrograde	-2213 Apr 14 j 14:26	20°♈44'52	
evening set	-2213 Apr 17 j 09:25	20°♈27'35	
desc. node	-2213 Apr 20 j 07:39	19°♈35'27	
min. Earth dist.	-2213 Apr 26 j 04:05	16°♈40'40	0.55191 AU
inferior conj	-2213 Apr 26 j 18:09	16°♈20'50	-1°-46'-39
minimum elong	-2213 Apr 26 j 13:23	16°♈27'34	1°45'04
morning rise	-2213 May 05 j 18:53	12°♈24'14	
direct	-2213 May 08 j 13:54	12°♈06'44	
morning max el	-2213 May 20 j 10:57	17°♈41'22	21°24'44
	-2213 May 30 j 02:40	0°♉	
asc. node	-2213 Jun 06 j 02:12	12°♉32'20	
morning set	-2213 Jun 09 j 14:07	19°♉35'59	
	-2213 Jun 14 j 13:29	0°♊	
superior conj	-2213 Jun 17 j 00:55	5°♊10'15	1°33'03
minimum elong	-2213 Jun 16 j 22:29	4°♊57'38	1°32'51
max. Earth dist.	-2213 Jun 20 j 22:06	13°♊06'14	1.35165 AU
evening rise	-2213 Jun 25 j 09:58	21°♊53'54	
	-2213 Jun 29 j 18:59	0°♋	
desc. node	-2213 Jul 17 j 06:54	27°♋54'19	
	-2213 Jul 18 j 19:32	0°♌	
evening max el	-2213 Jul 30 j 16:52	14°♌01'00	26°44'09
retrograde	-2213 Aug 12 j 17:09	21°♌18'21	
evening set	-2213 Aug 19 j 09:16	18°♌33'31	
min. Earth dist.	-2213 Aug 23 j 09:12	14°♌26'52	0.65775 AU
inferior conj	-2213 Aug 25 j 02:46	12°♌23'11	-2°-32'-15
minimum elong	-2213 Aug 25 j 06:19	12°♌12'40	2°31'00
morning rise	-2213 Aug 31 j 04:32	6°♌38'17	
asc. node	-2213 Sep 02 j 01:24	5°♌57'29	
direct	-2213 Sep 03 j 01:49	5°♌51'41	
morning max el	-2213 Sep 09 j 17:47	9°♌32'21	18°30'43
	-2213 Sep 24 j 00:51	0°♍	
morning set	-2213 Sep 29 j 14:42	9°♍01'02	
	-2213 Oct 12 j 17:43	0°♎	
desc. node	-2213 Oct 13 j 06:23	0°♎49'59	
superior conj	-2213 Oct 15 j 02:31	3°♎44'01	0°-11'-49
minimum elong	-2213 Oct 15 j 00:57	3°♎37'50	0°11'39
behind sun begin	-2213 Oct 14 j 16:55	3°♎06'14	
behind sun end	-2213 Oct 15 j 08:58	4°♎09'26	
max. Earth dist.	-2213 Oct 16 j 07:52	5°♎39'35	1.44918 AU
evening rise	-2213 Oct 31 j 10:08	29°♎25'18	
	-2213 Oct 31 j 18:55	0°♏	
greatest brilliancy	-2213 Nov 11 j 20:21	17°♏22'51	-0.7m
	-2213 Nov 20 j 17:15	0°♐	
evening max el	-2213 Nov 23 j 01:15	2°♐38'49	19°11'03
asc. node	-2213 Nov 29 j 00:34	6°♐34'09	
retrograde	-2213 Nov 30 j 01:48	6°♐40'23	
evening set	-2213 Dec 03 j 07:18	5°♐39'48	
	-2213 Dec 08 j 20:21	30°℞♏	
inferior conj	-2213 Dec 09 j 00:18	29°♏47'27	2°58'37
minimum elong	-2213 Dec 08 j 21:18	29°♏56'58	2°57'45
min. Earth dist.	-2213 Dec 10 j 09:48	28°♏01'21	0.65815 AU
morning rise	-2213 Dec 14 j 10:25	23°♏35'42	
direct	-2213 Dec 20 j 19:30	20°♏49'07	
morning max el	-2212 Jan 02 j 12:54	28°♏17'45	26°21'49
	-2212 Jan 04 j 04:20	0°♐	
desc. node	-2212 Jan 09 j 05:41	5°♐51'45	
	-2212 Jan 26 j 00:51	0°♑	
morning set	-2212 Feb 07 j 14:40	21°♑54'14	
	-2212 Feb 11 j 19:50	0°♒	
max. Earth dist.	-2212 Feb 11 j 18:16	29°♑52'21	1.35119 AU
superior conj	-2212 Feb 16 j 11:30	9°♒20'52	-1°-19'-25
minimum elong	-2212 Feb 16 j 14:47	9°♒37'43	1°18'58
evening rise	-2212 Feb 24 j 05:08	25°♒22'37	
asc. node	-2212 Feb 24 j 23:53	26°♒58'43	
	-2212 Feb 26 j 11:41	0°♓	
evening max el	-2212 Mar 14 j 00:25	25°♓40'36	20°41'22
	-2212 Mar 20 j 07:05	0°♈	
retrograde	-2212 Mar 25 j 03:40	1°♈00'12	
evening set	-2212 Mar 27 j 10:07	0°♈47'50	
	-2212 Mar 30 j 06:42	30°℞♓	
inferior conj	-2212 Apr 05 j 13:11	26°♓50'33	0°10'55
minimum elong	-2212 Apr 05 j 13:42	26°♓49'49	0°10'45
transit middle	-2212 Apr 05 j 13:42	26°♓49'49	0°10'45
transit begin	-2212 Apr 05 j 10:42	26°♓54'08	
transit end	-2212 Apr 05 j 16:41	26°♓45'30	
desc. node	-2212 Apr 06 j 04:43	26°♓28'10	
min. Earth dist.	-2212 Apr 06 j 18:06	26°♓08'55	0.55208 AU
morning rise	-2212 Apr 14 j 15:40	22°♓37'23	
direct	-2212 Apr 18 j 01:49	22°♓11'55	
morning max el	-2212 May 01 j 08:02	28°♓38'39	23°00'20
	-2212 May 02 j 17:02	0°♈	
	-2212 May 21 j 20:17	0°♉	
asc. node	-2212 May 22 j 23:14	2°♉17'52	
morning set	-2212 May 24 j 01:09	4°♉32'27	
superior conj	-2212 May 31 j 05:45	19°♉51'50	1°17'02
minimum elong	-2212 May 31 j 03:10	19°♉38'03	1°16'42
max. Earth dist.	-2212 Jun 02 j 19:40	25°♉19'01	1.33944 AU
	-2212 Jun 05 j 01:55	0°♊	
evening rise	-2212 Jun 07 j 23:25	5°♊49'43	
	-2212 Jun 21 j 10:25	0°♋	
desc. node	-2212 Jul 03 j 03:55	17°♋06'00	
evening max el	-2212 Jul 12 j 04:22	27°♋20'48	27°18'25
	-2212 Jul 15 j 04:11	0°♌	
retrograde	-2212 Jul 25 j 15:57	4°♌42'25	
evening set	-2212 Aug 01 j 17:23	1°♌57'37	
	-2212 Aug 03 j 22:42	30°℞♋	
min. Earth dist.	-2212 Aug 05 j 10:49	28°♋27'42	0.64482 AU
inferior conj	-2212 Aug 07 j 17:47	25°♋58'12	-3°-19'-57
minimum elong	-2212 Aug 07 j 21:58	25°♋46'49	3°18'47
morning rise	-2212 Aug 14 j 04:13	20°♋28'53	
direct	-2212 Aug 16 j 19:58	19°♋52'11	
asc. node	-2212 Aug 18 j 22:27	20°♋15'16	
morning max el	-2212 Aug 23 j 08:18	23°♋20'43	18°03'47
	-2212 Aug 28 j 15:03	0°♌	
morning set	-2212 Sep 10 j 00:02	20°♌14'00	
	-2212 Sep 15 j 19:36	0°♍	
superior conj	-2212 Sep 23 j 11:53	12°♍34'40	0°36'02
minimum elong	-2212 Sep 23 j 15:54	12°♍50'53	0°35'31
max. Earth dist.	-2212 Sep 28 j 01:41	19°♍53'51	1.44464 AU
desc. node	-2212 Sep 29 j 03:24	21°♍35'42	
	-2212 Oct 04 j 11:49	0°♎	
evening rise	-2212 Oct 09 j 23:57	8°♎32'44	
	-2212 Oct 24 j 02:28	0°♏	
greatest brilliancy	-2212 Oct 29 j 06:47	7°♏26'48	-0.6m
evening max el	-2212 Nov 05 j 06:34	16°♏06'18	20°05'10
retrograde	-2212 Nov 12 j 23:02	20°♏36'37	
asc. node	-2212 Nov 14 j 21:36	20°♏14'55	
evening set	-2212 Nov 16 j 12:59	19°♏21'58	
inferior conj	-2212 Nov 22 j 01:41	13°♏16'52	2°17'26
minimum elong	-2212 Nov 21 j 22:59	13°♏25'52	2°16'27
min. Earth dist.	-2212 Nov 22 j 22:10	12°♏08'31	0.66721 AU
morning rise	-2212 Nov 27 j 08:24	7°♏01'41	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

direct	-2212 Dec 03 j 03:19	4°♏29'41	
morning max el	-2212 Dec 14 j 21:32	11°♏29'09	25°06'26
desc. node	-2212 Dec 26 j 02:46	24°♏57'33	
	-2212 Dec 29 j 18:06	0°♐	
	-2211 Jan 17 j 17:28	0°♑	
morning set	-2211 Jan 20 j 01:37	4°♑08'03	
max. Earth dist.	-2211 Jan 23 j 19:22	10°♑57'19	1.36849 AU
superior conj	-2211 Jan 30 j 00:54	22°♑53'49	-1°-39'-32
minimum elong	-2211 Jan 30 j 04:17	23°♑10'29	1°39'14
	-2211 Feb 02 j 14:26	0°♒	
evening rise	-2211 Feb 07 j 08:30	9°♒35'23	
asc. node	-2211 Feb 10 j 20:55	16°♒32'37	
	-2211 Feb 18 j 14:04	0°♓	
evening max el	-2211 Feb 24 j 14:01	7°♓24'17	19°33'23
retrograde	-2211 Mar 06 j 00:20	11°♓54'09	
evening set	-2211 Mar 08 j 06:16	11°♓39'59	
inferior conj	-2211 Mar 16 j 17:52	7°♓34'59	1°57'38
minimum elong	-2211 Mar 16 j 22:11	7°♓28'03	1°56'19
min. Earth dist.	-2211 Mar 19 j 08:37	5°♓54'52	0.56147 AU
desc. node	-2211 Mar 24 j 01:46	3°♓23'23	
morning rise	-2211 Mar 25 j 10:34	2°♓52'38	
direct	-2211 Mar 29 j 22:24	2°♓07'09	
morning max el	-2211 Apr 12 j 23:18	9°♓12'44	24°40'02
	-2211 Apr 28 j 09:18	0°♈	
morning set	-2211 May 08 j 13:17	19°♈33'24	
asc. node	-2211 May 09 j 20:18	22°♈17'30	
	-2211 May 13 j 10:05	0°♉	
superior conj	-2211 May 15 j 14:45	4°♉46'07	0°57'16
minimum elong	-2211 May 15 j 12:32	4°♉34'03	0°56'54
max. Earth dist.	-2211 May 17 j 01:55	7°♉56'13	1.33100 AU
evening rise	-2211 May 22 j 22:23	20°♉14'32	
	-2211 May 27 j 21:37	0°♊	
	-2211 Jun 15 j 14:15	0°♋	
desc. node	-2211 Jun 20 j 00:55	5°♋28'34	
evening max el	-2211 Jun 24 j 13:50	10°♋15'53	27°23'30
retrograde	-2211 Jul 08 j 08:22	17°♋36'37	
evening set	-2211 Jul 15 j 12:34	15°♋04'31	
min. Earth dist.	-2211 Jul 19 j 02:36	12°♋05'12	0.62830 AU
inferior conj	-2211 Jul 21 j 22:52	9°♋19'05	-3°-59'-34
minimum elong	-2211 Jul 22 j 02:46	9°♋09'33	3°58'47
morning rise	-2211 Jul 28 j 19:14	4°♋08'46	
direct	-2211 Jul 31 j 07:47	3°♋39'12	
asc. node	-2211 Aug 05 j 19:32	6°♋00'14	
morning max el	-2211 Aug 06 j 23:25	7°♋03'46	17°54'48
	-2211 Aug 21 j 21:56	0°♌	
morning set	-2211 Aug 23 j 08:29	2°♌33'17	
superior conj	-2211 Sep 03 j 22:14	22°♌39'55	1°13'17
minimum elong	-2211 Sep 04 j 03:39	23°♌02'42	1°12'44
	-2211 Sep 08 j 08:06	0°♍	
max. Earth dist.	-2211 Sep 10 j 16:34	3°♍50'10	1.43344 AU
desc. node	-2211 Sep 16 j 00:22	12°♍20'29	
evening rise	-2211 Sep 19 j 05:13	17°♍21'08	
	-2211 Sep 27 j 11:59	0°♎	
greatest brilliancy	-2211 Oct 13 j 23:07	23°♎23'33	-0.4m
evening max el	-2211 Oct 19 j 06:01	29°♎33'13	21°12'20
	-2211 Oct 19 j 16:39	0°♏	
retrograde	-2211 Oct 27 j 20:04	4°♏38'47	
evening set	-2211 Oct 31 j 20:37	3°♏07'37	
asc. node	-2211 Nov 01 j 18:39	2°♏21'00	
	-2211 Nov 03 j 22:15	30°℞♎	
inferior conj	-2211 Nov 06 j 06:39	26°♎53'05	1°30'16
minimum elong	-2211 Nov 06 j 04:42	26°♎59'48	1°29'29
min. Earth dist.	-2211 Nov 06 j 15:35	26°♎22'27	0.67279 AU
morning rise	-2211 Nov 11 j 12:27	20°♎36'49	
direct	-2211 Nov 16 j 15:53	18°♎25'15	
morning max el	-2211 Nov 27 j 06:19	24°♎44'24	23°40'51
	-2211 Dec 01 j 23:48	0°♏	
desc. node	-2211 Dec 12 j 23:47	14°♏37'00	
	-2211 Dec 23 j 06:06	0°♐	
morning set	-2210 Jan 01 j 12:51	15°♐07'57	
max. Earth dist.	-2210 Jan 05 j 15:06	22°♐12'45	1.38881 AU
	-2210 Jan 09 j 23:08	0°♑	
superior conj	-2210 Jan 13 j 01:04	5°♑43'01	-1°-53'-32
minimum elong	-2210 Jan 13 j 03:22	5°♑53'47	1°53'30
evening rise	-2210 Jan 22 j 04:29	23°♑20'23	
	-2210 Jan 25 j 15:32	0°♒	
asc. node	-2210 Jan 28 j 17:56	5°♒42'48	
evening max el	-2210 Feb 07 j 13:21	19°♒42'13	18°44'49
retrograde	-2210 Feb 15 j 14:16	23°♒35'49	
evening set	-2210 Feb 17 j 23:30	23°♒16'34	
inferior conj	-2210 Feb 25 j 17:23	18°♒53'37	3°11'11
minimum elong	-2210 Feb 25 j 21:39	18°♒45'38	3°10'17
min. Earth dist.	-2210 Mar 01 j 01:02	16°♒26'19	0.57785 AU
morning rise	-2210 Mar 05 j 15:56	13°♒40'58	
desc. node	-2210 Mar 10 j 22:52	12°♒22'43	
direct	-2210 Mar 11 j 07:49	12°♒22'22	
morning max el	-2210 Mar 25 j 15:05	19°♒51'15	26°09'16
	-2210 Apr 03 j 06:36	0°♓	
	-2210 Apr 20 j 20:04	0°♈	
morning set	-2210 Apr 23 j 00:48	4°♈32'20	
asc. node	-2210 Apr 26 j 17:20	12°♈25'30	
superior conj	-2210 Apr 30 j 01:58	19°♈45'56	0°34'44
minimum elong	-2210 Apr 30 j 00:30	19°♈37'51	0°34'26
max. Earth dist.	-2210 Apr 30 j 13:28	20°♈48'53	1.32609 AU
	-2210 May 04 j 19:14	0°♉	
evening rise	-2210 May 07 j 03:46	4°♉57'42	
	-2210 May 20 j 14:29	0°♊	
desc. node	-2210 Jun 06 j 21:56	22°♊41'20	
evening max el	-2210 Jun 06 j 18:34	22°♊33'20	26°55'55
retrograde	-2210 Jun 20 j 17:47	29°♊52'07	
evening set	-2210 Jun 27 j 14:39	27°♊46'29	
min. Earth dist.	-2210 Jul 01 j 08:08	25°♊05'15	0.60883 AU
inferior conj	-2210 Jul 04 j 14:38	22°♊17'36	-4°-25'-24
minimum elong	-2210 Jul 04 j 16:48	22°♊12'57	4°25'11
morning rise	-2210 Jul 11 j 21:58	17°♊29'08	
direct	-2210 Jul 14 j 09:23	17°♊04'44	
morning max el	-2210 Jul 21 j 12:22	20°♊34'57	18°04'46
asc. node	-2210 Jul 23 j 16:36	22°♊57'27	
	-2210 Jul 28 j 14:30	0°♋	
morning set	-2210 Aug 06 j 10:26	15°♋43'27	
	-2210 Aug 14 j 04:42	0°♌	
superior conj	-2210 Aug 16 j 11:56	4°♌07'03	1°36'34
minimum elong	-2210 Aug 16 j 15:39	4°♌23'29	1°36'20
max. Earth dist.	-2210 Aug 24 j 02:01	17°♌11'26	1.41704 AU
evening rise	-2210 Aug 29 j 21:06	26°♌40'52	
	-2210 Aug 31 j 23:08	0°♍	
desc. node	-2210 Sep 02 j 21:20	3°♍01'23	
	-2210 Sep 21 j 07:03	0°♎	
greatest brilliancy	-2210 Sep 27 j 05:14	7°♎39'06	-0.3m
evening max el	-2210 Oct 01 j 23:34	13°♎00'10	22°28'46
retrograde	-2210 Oct 11 j 15:17	18°♎44'31	
evening set	-2210 Oct 16 j 04:26	16°♎55'03	
asc. node	-2210 Oct 19 j 15:43	13°♎09'14	
inferior conj	-2210 Oct 21 j 13:19	10°♎34'40	0°39'05
minimum elong	-2210 Oct 21 j 12:25	10°♎37'47	0°38'41
min. Earth dist.	-2210 Oct 21 j 11:42	10°♎40'18	0.67516 AU
morning rise	-2210 Oct 26 j 20:19	4°♎19'49	
direct	-2210 Oct 31 j 08:39	2°♎30'31	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning max el	-2210 Nov 09 j 18:15	8°♎04'54	22°14'26
greatest brilliancy	-2210 Nov 14 j 10:59	13°♎22'46	-0.3m
	-2210 Nov 26 j 16:28	0°♏	
desc. node	-2210 Nov 29 j 20:48	4°♏40'35	
morning set	-2210 Dec 12 j 19:26	24°♏43'55	
	-2210 Dec 16 j 00:52	0°♐	
max. Earth dist.	-2210 Dec 18 j 12:56	4°♐10'14	1.40961 AU
superior conj	-2210 Dec 26 j 07:03	17°♐36'00	-1°-58'-3
minimum elong	-2210 Dec 26 j 06:34	17°♐33'49	1°58'08
	-2209 Jan 02 j 02:18	0°♑	
evening rise	-2209 Jan 05 j 13:59	6°♑30'20	
asc. node	-2209 Jan 15 j 14:58	24°♑21'40	
	-2209 Jan 19 j 14:33	0°♒	
evening max el	-2209 Jan 21 j 20:01	2°♒28'02	18°16'25
retrograde	-2209 Jan 28 j 22:39	6°♒01'02	
evening set	-2209 Jan 31 j 11:27	5°♒34'58	
inferior conj	-2209 Feb 07 j 13:37	0°♒50'46	3°48'44
minimum elong	-2209 Feb 07 j 15:36	0°♒46'27	3°48'31
	-2209 Feb 08 j 12:51	30°℞♑	
min. Earth dist.	-2209 Feb 10 j 22:13	27°♑57'04	0.59783 AU
morning rise	-2209 Feb 14 j 16:30	25°♑15'08	
direct	-2209 Feb 21 j 05:48	23°♑17'49	
desc. node	-2209 Feb 25 j 19:57	24°♑11'58	
	-2209 Mar 06 j 11:01	0°♒	
morning max el	-2209 Mar 07 j 12:02	0°♒59'30	27°13'20
	-2209 Mar 28 j 08:02	0°♓	
morning set	-2209 Apr 07 j 10:00	19°♓22'59	
	-2209 Apr 12 j 09:28	0°♈	
asc. node	-2209 Apr 13 j 14:21	2°♈37'32	
max. Earth dist.	-2209 Apr 14 j 02:39	3°♈44'50	1.32466 AU
superior conj	-2209 Apr 14 j 13:41	4°♈45'17	0°10'15
minimum elong	-2209 Apr 14 j 13:14	4°♈42'45	0°10'09
behind sun begin	-2209 Apr 14 j 09:22	4°♈21'34	
behind sun end	-2209 Apr 14 j 17:06	5°♈03'56	
evening rise	-2209 Apr 21 j 13:10	19°♈51'06	
	-2209 Apr 26 j 13:24	0°♉	
	-2209 May 15 j 19:16	0°♊	
evening max el	-2209 May 19 j 16:47	4°♊06'40	25°56'46
desc. node	-2209 May 24 j 18:59	8°♊15'16	
retrograde	-2209 Jun 02 j 18:40	11°♊21'39	
evening set	-2209 Jun 08 j 19:30	9°♊53'12	
min. Earth dist.	-2209 Jun 13 j 05:19	7°♊12'17	0.58824 AU
inferior conj	-2209 Jun 16 j 13:25	4°♊43'50	-4°-28'-49
minimum elong	-2209 Jun 16 j 12:09	4°♊46'11	4°28'44
morning rise	-2209 Jun 24 j 08:37	0°♊17'57	
	-2209 Jun 25 j 23:26	30°℞♉	
direct	-2209 Jun 26 j 20:11	29°♉57'27	
	-2209 Jun 27 j 16:44	0°♊	
morning max el	-2209 Jul 04 j 20:08	3°♊45'09	18°34'36
asc. node	-2209 Jul 10 j 13:40	10°♊51'11	
morning set	-2209 Jul 21 j 01:00	29°♊31'12	
	-2209 Jul 21 j 06:58	0°♋	
superior conj	-2209 Jul 30 j 00:11	16°♋41'45	1°47'08
minimum elong	-2209 Jul 30 j 01:25	16°♋47'32	1°47'09
max. Earth dist.	-2209 Aug 06 j 05:47	29°♋47'13	1.39772 AU
	-2209 Aug 06 j 08:43	0°♌	
evening rise	-2209 Aug 10 j 12:23	7°♌07'05	
desc. node	-2209 Aug 20 j 18:19	23°♌34'10	
	-2209 Aug 25 j 00:49	0°♍	
evening max el	-2209 Sep 14 j 12:40	26°♍28'52	23°49'16
	-2209 Sep 18 j 12:14	0°♎	
retrograde	-2209 Sep 25 j 07:23	2°♎50'17	
evening set	-2209 Sep 30 j 10:42	0°♎41'53	
	-2209 Oct 01 j 05:06	30°℞♍	
inferior conj	-2209 Oct 05 j 19:56	24°♍19'31	0°-14'-31
minimum elong	-2209 Oct 05 j 20:16	24°♍18'21	0°14'23
transit middle	-2209 Oct 05 j 20:16	24°♍18'21	0°14'23
transit begin	-2209 Oct 05 j 18:59	24°♍22'43	
transit end	-2209 Oct 05 j 21:33	24°♍13'58	
min. Earth dist.	-2209 Oct 05 j 08:05	24°♍59'54	0.67447 AU
asc. node	-2209 Oct 06 j 12:48	23°♍22'18	
morning rise	-2209 Oct 11 j 06:01	18°♍08'54	
direct	-2209 Oct 15 j 04:42	16°♍40'52	
morning max el	-2209 Oct 23 j 12:14	21°♍32'58	20°54'44
greatest brilliancy	-2209 Oct 29 j 06:32	28°♍18'56	-0.5m
	-2209 Oct 30 j 13:19	0°♎	
desc. node	-2209 Nov 16 j 17:49	25°♎01'01	
	-2209 Nov 19 j 23:35	0°♏	
morning set	-2209 Nov 22 j 00:29	3°♏09'58	
max. Earth dist.	-2209 Nov 30 j 17:15	17°♏00'25	1.42802 AU
superior conj	-2209 Dec 07 j 13:16	28°♏19'32	-1°-48'-58
minimum elong	-2209 Dec 07 j 08:37	27°♏59'51	1°48'45
	-2209 Dec 08 j 13:00	0°♐	
evening rise	-2209 Dec 19 j 09:08	18°♐56'48	
	-2209 Dec 25 j 14:59	0°♑	
asc. node	-2208 Jan 02 j 12:01	12°♑19'32	
evening max el	-2208 Jan 05 j 07:07	15°♑33'41	18°07'54
retrograde	-2208 Jan 11 j 22:08	19°♑00'13	
evening set	-2208 Jan 14 j 14:25	18°♑26'12	
inferior conj	-2208 Jan 21 j 03:55	13°♑20'32	3°57'25
minimum elong	-2208 Jan 21 j 03:27	13°♑21'42	3°57'21
min. Earth dist.	-2208 Jan 24 j 02:58	10°♑24'55	0.61813 AU
morning rise	-2208 Jan 27 j 14:08	7°♑29'49	
direct	-2208 Feb 03 j 14:00	5°♑00'18	
desc. node	-2208 Feb 12 j 17:02	8°♑34'02	
morning max el	-2208 Feb 17 j 15:05	12°♑47'48	27°43'05
	-2208 Mar 02 j 08:48	0°♒	
	-2208 Mar 19 j 15:32	0°♓	
morning set	-2208 Mar 21 j 14:53	3°♓58'32	
max. Earth dist.	-2208 Mar 27 j 13:38	16°♓30'47	1.32682 AU
superior conj	-2208 Mar 29 j 00:17	19°♓38'39	0°-15'-21
minimum elong	-2208 Mar 29 j 00:59	19°♓42'29	0°15'14
behind sun begin	-2208 Mar 28 j 23:35	19°♓34'52	
behind sun end	-2208 Mar 29 j 02:23	19°♓50'06	
asc. node	-2208 Mar 30 j 11:23	22°♓49'47	
	-2208 Apr 02 j 18:39	0°♈	
evening rise	-2208 Apr 05 j 00:37	4°♈48'01	
	-2208 Apr 18 j 13:31	0°♉	
evening max el	-2208 Apr 30 j 09:35	15°♉03'14	24°33'37
desc. node	-2208 May 10 j 16:03	21°♉34'57	
retrograde	-2208 May 14 j 08:34	22°♉06'16	
evening set	-2208 May 19 j 02:27	21°♉15'28	
min. Earth dist.	-2208 May 24 j 21:27	18°♉18'35	0.56954 AU
inferior conj	-2208 May 27 j 16:31	16°♉30'22	-3°-58'-36
minimum elong	-2208 May 27 j 11:19	16°♉38'49	3°57'42
morning rise	-2208 Jun 05 j 00:12	12°♉23'54	
direct	-2208 Jun 07 j 12:49	12°♉06'12	
morning max el	-2208 Jun 16 j 19:50	16°♉25'21	19°24'57
asc. node	-2208 Jun 26 j 10:44	29°♉28'50	
	-2208 Jun 26 j 17:55	0°♊	
morning set	-2208 Jul 04 j 00:34	13°♊47'44	
superior conj	-2208 Jul 12 j 05:15	0°♋08'14	1°47'30
minimum elong	-2208 Jul 12 j 04:27	0°♋04'21	1°47'32
	-2208 Jul 12 j 03:34	0°♋	
max. Earth dist.	-2208 Jul 18 j 08:04	11°♋47'04	1.37813 AU
evening rise	-2208 Jul 22 j 05:08	18°♋47'36	
	-2208 Jul 28 j 18:41	0°♌	
desc. node	-2208 Aug 06 j 15:20	13°♌54'12	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2208 Aug 18 j 05:29	0°♍	
evening max el	-2208 Aug 26 j 23:58	10°♍01'39	25°06'51
retrograde	-2208 Sep 07 j 19:19	16°♍52'26	
evening set	-2208 Sep 13 j 13:39	14°♍26'21	
min. Earth dist.	-2208 Sep 18 j 02:15	9°♍19'48	0.67068 AU
inferior conj	-2208 Sep 19 j 00:45	8°♍05'56	-1°-8'-58
minimum elong	-2208 Sep 19 j 02:25	8°♍00'26	1°08'16
asc. node	-2208 Sep 22 j 09:53	3°♍59'03	
morning rise	-2208 Sep 24 j 15:40	2°♍02'40	
direct	-2208 Sep 28 j 02:44	0°♍53'17	
morning max el	-2208 Oct 05 j 13:37	5°♍10'18	19°46'55
greatest brilliancy	-2208 Oct 13 j 13:24	15°♍11'45	-0.6m
	-2208 Oct 23 j 12:46	0°♎	
morning set	-2208 Oct 30 j 22:18	11°♎23'01	
desc. node	-2208 Nov 02 j 14:48	15°♎33'26	
	-2208 Nov 11 j 19:28	0°♏	
max. Earth dist.	-2208 Nov 12 j 05:05	0°♏38'15	1.44157 AU
superior conj	-2208 Nov 16 j 16:17	7°♏47'33	-1°-22'-45
minimum elong	-2208 Nov 16 j 08:42	7°♏17'00	1°22'02
evening rise	-2208 Nov 30 j 09:32	0°♐31'31	
	-2208 Nov 30 j 02:05	0°♐	
evening max el	-2208 Dec 18 j 19:45	28°♐51'24	18°18'24
asc. node	-2208 Dec 19 j 09:05	29°♐24'06	
	-2208 Dec 20 j 00:57	0°♑	
retrograde	-2208 Dec 25 j 08:20	2°♑23'35	
evening set	-2208 Dec 28 j 04:42	1°♑40'26	
	-2208 Dec 30 j 15:29	30°℞♐	
inferior conj	-2207 Jan 03 j 08:22	26°♐14'31	3°45'19
minimum elong	-2207 Jan 03 j 06:14	26°♐20'28	3°44'59
min. Earth dist.	-2207 Jan 05 j 17:02	23°♐37'19	0.63639 AU
morning rise	-2207 Jan 09 j 06:12	20°♐13'33	
direct	-2207 Jan 16 j 06:01	17°♐26'04	
desc. node	-2207 Jan 29 j 14:06	24°♐51'59	
morning max el	-2207 Jan 29 j 22:36	25°♐12'53	27°36'20
	-2207 Feb 03 j 08:32	0°♑	
	-2207 Feb 23 j 19:02	0°♒	
morning set	-2207 Mar 05 j 12:57	18°♒09'21	
max. Earth dist.	-2207 Mar 10 j 18:30	28°♒52'39	1.33290 AU
	-2207 Mar 11 j 07:17	0°♓	
superior conj	-2207 Mar 13 j 07:54	4°♓18'32	0°-41'-11
minimum elong	-2207 Mar 13 j 09:47	4°♓28'38	0°40'50
asc. node	-2207 Mar 17 j 08:25	12°♓57'13	
evening rise	-2207 Mar 20 j 12:13	19°♓40'39	
	-2207 Mar 25 j 14:31	0°♈	
evening max el	-2207 Apr 12 j 01:22	25°♈42'37	22°59'21
	-2207 Apr 17 j 14:09	0°♉	
retrograde	-2207 Apr 25 j 09:19	2°♉17'44	
desc. node	-2207 Apr 27 j 13:09	2°♉07'25	
evening set	-2207 Apr 28 j 18:49	1°♉52'32	
	-2207 May 03 j 15:39	30°℞♈	
min. Earth dist.	-2207 May 06 j 11:10	28°♈27'59	0.55613 AU
inferior conj	-2207 May 08 j 00:21	27°♈34'05	-2°-46'-6
minimum elong	-2207 May 07 j 17:58	27°♈43'22	2°44'16
morning rise	-2207 May 16 j 19:57	23°♈38'18	
direct	-2207 May 19 j 11:28	23°♈21'36	
morning max el	-2207 May 30 j 09:07	28°♈25'47	20°35'42
	-2207 May 31 j 23:03	0°♉	
asc. node	-2207 Jun 13 j 07:47	18°♉39'05	
morning set	-2207 Jun 18 j 06:16	28°♉24'43	
	-2207 Jun 19 j 00:53	0°♊	
superior conj	-2207 Jun 25 j 22:16	14°♊11'57	1°40'05
minimum elong	-2207 Jun 25 j 20:13	14°♊01'31	1°39'59
max. Earth dist.	-2207 Jun 30 j 15:09	23°♊35'08	1.36043 AU
	-2207 Jul 03 j 23:36	0°♋	
evening rise	-2207 Jul 04 j 19:11	1°♋31'21	
	-2207 Jul 21 j 20:10	0°♌	
desc. node	-2207 Jul 24 j 12:22	3°♌54'56	
evening max el	-2207 Aug 09 j 11:19	23°♌35'47	26°13'44
	-2207 Aug 18 j 09:27	0°♍	
retrograde	-2207 Aug 22 j 02:25	0°♍45'39	
	-2207 Aug 25 j 13:15	30°℞♌	
evening set	-2207 Aug 28 j 11:16	28°♌05'44	
min. Earth dist.	-2207 Sep 01 j 15:42	23°♌37'02	0.66351 AU
inferior conj	-2207 Sep 03 j 01:55	21°♌50'58	-2°-2'-33
minimum elong	-2207 Sep 03 j 04:50	21°♌41'53	2°01'26
morning rise	-2207 Sep 08 j 23:16	15°♌58'27	
asc. node	-2207 Sep 09 j 06:57	15°♌47'48	
direct	-2207 Sep 12 j 01:00	15°♌04'24	
morning max el	-2207 Sep 18 j 21:48	18°♌55'29	18°53'55
	-2207 Sep 27 j 09:17	0°♍	
morning set	-2207 Oct 10 j 12:33	20°♍30'14	
	-2207 Oct 16 j 12:51	0°♎	
desc. node	-2207 Oct 20 j 11:49	6°♎13'53	
max. Earth dist.	-2207 Oct 25 j 22:21	14°♎47'29	1.44851 AU
superior conj	-2207 Oct 26 j 21:11	16°♎17'25	0°-40'-21
minimum elong	-2207 Oct 26 j 16:01	15°♎57'04	0°39'43
	-2207 Nov 04 j 12:47	0°♏	
evening rise	-2207 Nov 11 j 11:05	11°♏07'43	
	-2207 Nov 23 j 05:31	0°♐	
evening max el	-2207 Dec 02 j 07:17	12°♐15'51	18°46'55
asc. node	-2207 Dec 06 j 06:08	15°♐21'12	
retrograde	-2207 Dec 09 j 01:20	16°♐04'01	
evening set	-2207 Dec 12 j 03:02	15°♐10'14	
inferior conj	-2207 Dec 17 j 23:19	9°♐26'28	3°18'45
minimum elong	-2207 Dec 17 j 20:25	9°♐35'19	3°18'03
min. Earth dist.	-2207 Dec 19 j 16:52	7°♐20'10	0.65129 AU
morning rise	-2207 Dec 23 j 12:44	3°♐18'02	
direct	-2207 Dec 30 j 04:38	0°♐27'45	
morning max el	-2206 Jan 12 j 08:13	8°♐05'51	26°56'44
desc. node	-2206 Jan 16 j 11:09	12°♐33'23	
	-2206 Jan 29 j 10:53	0°♑	
	-2206 Feb 16 j 02:54	0°♒	
morning set	-2206 Feb 17 j 00:59	1°♒45'30	
max. Earth dist.	-2206 Feb 21 j 13:42	10°♒41'25	1.34329 AU
superior conj	-2206 Feb 25 j 10:32	18°♒38'34	-1°-6'-4
minimum elong	-2206 Feb 25 j 13:25	18°♒53'41	1°05'37
	-2206 Mar 02 j 19:59	0°♓	
asc. node	-2206 Mar 04 j 05:27	2°♓55'39	
evening rise	-2206 Mar 04 j 22:13	4°♓22'56	
	-2206 Mar 19 j 07:30	0°♈	
evening max el	-2206 Mar 24 j 22:31	6°♈32'45	21°28'05
retrograde	-2206 Apr 06 j 00:10	12°♈22'56	
evening set	-2206 Apr 08 j 12:11	12°♈08'41	
desc. node	-2206 Apr 14 j 10:12	9°♈59'10	
inferior conj	-2206 Apr 17 j 20:10	8°♈08'00	0°-57'-32
minimum elong	-2206 Apr 17 j 17:28	8°♈11'47	0°56'36
min. Earth dist.	-2206 Apr 18 j 00:29	8°♈01'56	0.55088 AU
morning rise	-2206 Apr 26 j 23:02	4°♈06'58	
direct	-2206 Apr 29 j 23:12	3°♈47'12	
morning max el	-2206 May 12 j 11:30	9°♈44'01	22°04'10
	-2206 May 26 j 22:13	0°♉	
asc. node	-2206 May 31 j 04:49	8°♉13'43	
morning set	-2206 Jun 02 j 15:53	13°♉15'49	
superior conj	-2206 Jun 09 j 23:36	28°♉42'17	1°26'47
minimum elong	-2206 Jun 09 j 21:02	28°♉28'47	1°26'31
	-2206 Jun 10 j 14:26	0°♊	
max. Earth dist.	-2206 Jun 13 j 07:09	5°♊35'04	1.34601 AU
evening rise	-2206 Jun 18 j 01:23	15°♊04'24	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2206 Jun 26 j 04:42	0°♋	
desc. node	-2206 Jul 11 j 09:24	23°♋27'45	
	-2206 Jul 16 j 11:49	0°♌	
evening max el	-2206 Jul 22 j 22:53	7°♌03'11	27°01'56
retrograde	-2206 Aug 05 j 04:14	14°♌22'48	
evening set	-2206 Aug 12 j 01:08	11°♌36'25	
min. Earth dist.	-2206 Aug 15 j 22:04	7°♌46'05	0.65272 AU
inferior conj	-2206 Aug 17 j 21:18	5°♌30'38	-2°-53'-14
minimum elong	-2206 Aug 18 j 01:11	5°♌19'28	2°51'58
	-2206 Aug 23 j 20:35	30°℞♋	
morning rise	-2206 Aug 24 j 02:35	29°♋52'10	
direct	-2206 Aug 26 j 21:18	29°♋10'06	
asc. node	-2206 Aug 27 j 04:01	29°♋10'32	
	-2206 Aug 29 j 22:53	0°♌	
morning max el	-2206 Sep 02 j 10:46	2°♌44'15	18°17'12
	-2206 Sep 20 j 16:06	0°♍	
morning set	-2206 Sep 21 j 06:10	0°♍57'57	
superior conj	-2206 Oct 05 j 22:20	24°♍41'54	0°09'17
minimum elong	-2206 Oct 05 j 23:31	24°♍46'35	0°09'08
behind sun begin	-2206 Oct 05 j 14:16	24°♍09'52	
behind sun end	-2206 Oct 06 j 08:46	25°♍23'16	
desc. node	-2206 Oct 07 j 08:49	26°♍58'27	
max. Earth dist.	-2206 Oct 08 j 17:02	29°♍05'38	1.44809 AU
	-2206 Oct 09 j 06:49	0°♎	
evening rise	-2206 Oct 22 j 12:27	20°♎43'24	
	-2206 Oct 28 j 11:23	0°♏	
greatest brilliancy	-2206 Nov 07 j 00:04	14°♏30'20	-0.7m
evening max el	-2206 Nov 15 j 15:17	25°♏42'15	19°32'12
retrograde	-2206 Nov 22 j 21:52	29°♏55'23	
asc. node	-2206 Nov 23 j 03:11	29°♏55'06	
evening set	-2206 Nov 26 j 06:42	28°♏49'00	
inferior conj	-2206 Dec 01 j 21:38	22°♏50'31	2°42'00
minimum elong	-2206 Dec 01 j 18:42	23°♏00'04	2°41'04
min. Earth dist.	-2206 Dec 03 j 01:18	21°♏20'37	0.66242 AU
morning rise	-2206 Dec 07 j 05:58	16°♏36'58	
direct	-2206 Dec 13 j 09:08	13°♏55'55	
morning max el	-2206 Dec 25 j 17:38	21°♏13'48	25°51'42
	-2205 Jan 02 j 09:15	0°♐	
desc. node	-2205 Jan 03 j 08:11	1°♐13'17	
	-2205 Jan 22 j 15:34	0°♑	
morning set	-2205 Jan 30 j 22:40	14°♑33'49	
max. Earth dist.	-2205 Feb 03 j 21:05	21°♑57'29	1.35812 AU
	-2205 Feb 07 j 23:34	0°♒	
superior conj	-2205 Feb 09 j 05:37	2°♒30'48	-1°-28'-31
minimum elong	-2205 Feb 09 j 09:04	2°♒48'09	1°28'07
evening rise	-2205 Feb 17 j 04:37	18°♒48'09	
asc. node	-2205 Feb 19 j 02:30	22°♒39'59	
	-2205 Feb 22 j 21:17	0°♓	
evening max el	-2205 Mar 07 j 05:39	17°♓54'20	20°10'03
retrograde	-2205 Mar 17 j 15:24	22°♓52'16	
evening set	-2205 Mar 19 j 20:30	22°♓39'46	
inferior conj	-2205 Mar 28 j 17:41	18°♓40'35	0°59'22
minimum elong	-2205 Mar 28 j 20:14	18°♓36'44	0°58'29
min. Earth dist.	-2205 Mar 30 j 14:36	17°♓33'25	0.55502 AU
desc. node	-2205 Apr 01 j 07:15	16°♓35'12	
morning rise	-2205 Apr 06 j 17:22	14°♓15'50	
direct	-2205 Apr 10 j 13:09	13°♓43'50	
morning max el	-2205 Apr 24 j 05:34	20°♓29'07	23°43'09
	-2205 May 02 j 07:18	0°♈	
morning set	-2205 May 18 j 03:36	28°♈15'13	
asc. node	-2205 May 18 j 01:51	28°♈06'07	
	-2205 May 18 j 23:30	0°♉	
superior conj	-2205 May 25 j 06:29	13°♉30'33	1°09'04
minimum elong	-2205 May 25 j 04:00	13°♉17'12	1°08'41
max. Earth dist.	-2205 May 27 j 08:36	17°♉58'19	1.33534 AU
evening rise	-2205 Jun 01 j 19:18	29°♉13'56	
	-2205 Jun 02 j 04:31	0°♊	
	-2205 Jun 19 j 07:17	0°♋	
desc. node	-2205 Jun 28 j 06:24	12°♋21'03	
evening max el	-2205 Jul 05 j 09:34	20°♋13'32	27°24'24
retrograde	-2205 Jul 19 j 00:34	27°♋35'55	
evening set	-2205 Jul 26 j 04:15	24°♋54'27	
min. Earth dist.	-2205 Jul 29 j 19:30	21°♋38'59	0.63817 AU
inferior conj	-2205 Aug 01 j 08:26	19°♋00'35	-3°-38'-5
minimum elong	-2205 Aug 01 j 12:39	18°♋49'37	3°37'01
morning rise	-2205 Aug 07 j 23:00	13°♋39'19	
direct	-2205 Aug 10 j 13:03	13°♋06'04	
asc. node	-2205 Aug 14 j 01:04	14°♋07'18	
morning max el	-2205 Aug 17 j 01:58	16°♋31'52	17°57'47
	-2205 Aug 26 j 15:56	0°♌	
morning set	-2205 Sep 03 j 02:02	12°♌41'08	
	-2205 Sep 13 j 06:41	0°♍	
superior conj	-2205 Sep 15 j 17:22	4°♍02'04	0°53'28
minimum elong	-2205 Sep 15 j 22:31	4°♍23'09	0°52'51
max. Earth dist.	-2205 Sep 21 j 09:39	13°♍13'29	1.44056 AU
desc. node	-2205 Sep 24 j 05:49	17°♍44'21	
evening rise	-2205 Oct 01 j 20:25	29°♍36'53	
	-2205 Oct 02 j 02:25	0°♎	
	-2205 Oct 22 j 07:28	0°♏	
greatest brilliancy	-2205 Oct 23 j 14:34	1°♏45'04	-0.5m
evening max el	-2205 Oct 29 j 18:07	9°♏09'08	20°32'16
retrograde	-2205 Nov 06 j 19:21	13°♏54'19	
asc. node	-2205 Nov 10 j 00:13	12°♏55'18	
evening set	-2205 Nov 10 j 13:26	12°♏33'03	
inferior conj	-2205 Nov 16 j 00:49	6°♏23'22	1°58'02
minimum elong	-2205 Nov 15 j 22:23	6°♏31'35	1°57'07
min. Earth dist.	-2205 Nov 16 j 16:14	5°♏31'04	0.66996 AU
morning rise	-2205 Nov 21 j 06:49	0°♏07'07	
	-2205 Nov 21 j 10:05	30°℞♎	
direct	-2205 Nov 26 j 19:06	27°♎43'21	
	-2205 Dec 02 j 21:41	0°♏	
morning max el	-2205 Dec 08 j 02:11	4°♏27'31	24°30'39
desc. node	-2205 Dec 21 j 05:14	20°♏34'43	
	-2205 Dec 27 j 18:09	0°♐	
morning set	-2204 Jan 13 j 00:21	26°♐18'32	
	-2204 Jan 15 j 02:28	0°♑	
max. Earth dist.	-2204 Jan 16 j 18:44	3°♑01'17	1.37686 AU
superior conj	-2204 Jan 23 j 13:55	15°♑46'25	-1°-46'-24
minimum elong	-2204 Jan 23 j 17:01	16°♑01'24	1°46'14
	-2204 Jan 30 j 19:01	0°♒	
evening rise	-2204 Feb 01 j 05:11	2°♒49'53	
asc. node	-2204 Feb 05 j 23:31	12°♒04'42	
evening max el	-2204 Feb 17 j 23:40	29°♒53'33	19°10'16
	-2204 Feb 18 j 02:23	0°♓	
retrograde	-2204 Feb 26 j 18:42	4°♓06'03	
evening set	-2204 Feb 29 j 01:42	3°♓50'09	
	-2204 Mar 07 j 17:11	30°℞♒	
inferior conj	-2204 Mar 08 j 05:45	29°♒38'38	2°33'25
minimum elong	-2204 Mar 08 j 10:29	29°♒30'33	2°32'09
min. Earth dist.	-2204 Mar 11 j 06:02	27°♒36'04	0.56773 AU
morning rise	-2204 Mar 16 j 15:17	24°♒42'24	
desc. node	-2204 Mar 18 j 04:19	24°♒12'12	
direct	-2204 Mar 21 j 15:20	23°♒44'00	
	-2204 Apr 03 j 17:43	0°♓	
morning max el	-2204 Apr 04 j 20:26	1°♓02'12	25°20'12
	-2204 Apr 25 j 00:04	0°♈	
morning set	-2204 May 01 j 15:39	13°♈16'09	
asc. node	-2204 May 03 j 22:53	18°♈10'00	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2204 May 08 j 16:40	28°♈28'25	0°48'01
minimum elong	-2204 May 08 j 14:43	28°♈17'48	0°47'39
	-2204 May 09 j 09:29	0°♉	
max. Earth dist.	-2204 May 09 j 17:21	0°♉42'42	1.32842 AU
evening rise	-2204 May 15 j 21:19	13°♉47'57	
	-2204 May 24 j 06:50	0°♊	
	-2204 Jun 13 j 21:01	0°♋	
desc. node	-2204 Jun 14 j 03:26	0°♋17'18	
evening max el	-2204 Jun 16 j 17:16	2°♋53'57	27°15'53
retrograde	-2204 Jun 30 j 14:27	10°♋14'40	
evening set	-2204 Jul 07 j 16:44	7°♋52'13	
min. Earth dist.	-2204 Jul 11 j 07:02	5°♋02'20	0.62023 AU
inferior conj	-2204 Jul 14 j 08:17	2°♋13'11	-4°-12'-41
minimum elong	-2204 Jul 14 j 11:39	2°♋05'21	4°12'10
	-2204 Jul 16 j 20:14	30°℞♊	
morning rise	-2204 Jul 21 j 09:13	27°♊11'52	
direct	-2204 Jul 23 j 20:54	26°♊44'52	
	-2204 Jul 30 j 11:59	0°♋	
morning max el	-2204 Jul 30 j 16:32	0°♋10'59	17°56'39
asc. node	-2204 Jul 30 j 22:08	0°♋24'53	
morning set	-2204 Aug 15 j 18:36	25°♋23'40	
	-2204 Aug 18 j 07:44	0°♌	
superior conj	-2204 Aug 26 j 15:39	14°♌42'50	1°24'51
minimum elong	-2204 Aug 26 j 20:33	15°♌03'58	1°24'25
max. Earth dist.	-2204 Sep 02 j 21:49	26°♌54'22	1.42696 AU
	-2204 Sep 04 j 19:22	0°♍	
evening rise	-2204 Sep 10 j 03:54	8°♍32'19	
desc. node	-2204 Sep 10 j 02:48	8°♍28'02	
	-2204 Sep 24 j 08:10	0°♎	
greatest brilliancy	-2204 Oct 06 j 17:53	17°♎01'35	-0.4m
evening max el	-2204 Oct 11 j 15:00	22°♎36'02	21°44'05
retrograde	-2204 Oct 20 j 15:46	27°♎58'04	
evening set	-2204 Oct 24 j 21:22	26°♎19'32	
asc. node	-2204 Oct 26 j 21:16	24°♎24'48	
inferior conj	-2204 Oct 30 j 06:45	20°♎02'13	1°08'59
minimum elong	-2204 Oct 30 j 05:12	20°♎07'32	1°08'20
min. Earth dist.	-2204 Oct 30 j 11:11	19°♎46'54	0.67416 AU
morning rise	-2204 Nov 04 j 12:47	13°♎46'04	
direct	-2204 Nov 09 j 09:44	11°♎43'39	
morning max el	-2204 Nov 19 j 11:45	17°♎44'09	23°03'38
greatest brilliancy	-2204 Nov 24 j 09:43	23°♎15'11	-0.3m
	-2204 Nov 29 j 15:51	0°♏	
desc. node	-2204 Dec 07 j 02:16	10°♏25'38	
	-2204 Dec 19 j 20:59	0°♐	
morning set	-2204 Dec 23 j 23:48	6°♐43'39	
max. Earth dist.	-2204 Dec 28 j 14:02	14°♐30'01	1.39772 AU
superior conj	-2203 Jan 05 j 07:06	28°♐14'12	-1°-56'-52
minimum elong	-2203 Jan 05 j 08:26	28°♐20'19	1°56'54
	-2203 Jan 06 j 06:02	0°♑	
evening rise	-2203 Jan 14 j 21:09	16°♑21'16	
	-2203 Jan 22 j 05:52	0°♒	
asc. node	-2203 Jan 22 j 20:33	1°♒03'07	
evening max el	-2203 Jan 31 j 02:39	12°♒25'44	18°30'22
retrograde	-2203 Feb 07 j 16:30	16°♒08'14	
evening set	-2203 Feb 10 j 03:26	15°♒46'10	
inferior conj	-2203 Feb 17 j 14:17	11°♒14'38	3°31'08
minimum elong	-2203 Feb 17 j 17:44	11°♒07'47	3°30'34
min. Earth dist.	-2203 Feb 21 j 00:11	8°♒33'06	0.58613 AU
morning rise	-2203 Feb 25 j 04:21	5°♒51'25	
direct	-2203 Mar 03 j 06:50	4°♒16'02	
desc. node	-2203 Mar 05 j 01:24	4°♒24'00	
morning max el	-2203 Mar 17 j 13:52	11°♒51'13	26°40'10
	-2203 Mar 31 j 17:35	0°♓	
morning set	-2203 Apr 16 j 02:26	28°♓12'48	
	-2203 Apr 16 j 22:50	0°♈	
asc. node	-2203 Apr 20 j 19:57	8°♈20'47	
superior conj	-2203 Apr 23 j 04:21	13°♈29'25	0°24'33
minimum elong	-2203 Apr 23 j 03:16	13°♈23'32	0°24'20
max. Earth dist.	-2203 Apr 23 j 06:04	13°♈38'53	1.32510 AU
evening rise	-2203 Apr 30 j 04:44	28°♈37'17	
	-2203 Apr 30 j 20:39	0°♉	
	-2203 May 17 j 16:24	0°♊	
evening max el	-2203 May 29 j 19:36	14°♊53'58	26°34'22
desc. node	-2203 Jun 01 j 00:28	16°♊52'28	
retrograde	-2203 Jun 12 j 20:21	22°♊10'54	
evening set	-2203 Jun 19 j 10:09	20°♊20'38	
min. Earth dist.	-2203 Jun 23 j 08:56	17°♊41'27	0.60010 AU
inferior conj	-2203 Jun 26 j 17:18	14°♊59'36	-4°-30'-13
minimum elong	-2203 Jun 26 j 18:11	14°♊57'47	4°30'10
morning rise	-2203 Jul 04 j 05:33	10°♊20'24	
direct	-2203 Jul 06 j 16:54	9°♊57'44	
morning max el	-2203 Jul 14 j 03:34	13°♊34'02	18°14'53
asc. node	-2203 Jul 17 j 19:13	17°♊47'50	
	-2203 Jul 25 j 08:14	0°♋	
morning set	-2203 Jul 30 j 02:26	8°♋51'18	
superior conj	-2203 Aug 08 j 15:35	26°♋40'13	1°42'28
minimum elong	-2203 Aug 08 j 18:15	26°♋52'15	1°42'22
	-2203 Aug 10 j 11:57	0°♌	
max. Earth dist.	-2203 Aug 16 j 04:47	9°♌57'04	1.40910 AU
evening rise	-2203 Aug 21 j 04:53	18°♌17'56	
desc. node	-2203 Aug 27 j 23:48	29°♌06'08	
	-2203 Aug 28 j 13:44	0°♍	
	-2203 Sep 18 j 20:56	0°♎	
greatest brilliancy	-2203 Sep 18 j 23:11	0°♎06'50	-0.2m
evening max el	-2203 Sep 24 j 06:32	6°♎03'57	23°03'01
retrograde	-2203 Oct 04 j 09:38	12°♎03'59	
evening set	-2203 Oct 09 j 04:42	10°♎06'32	
asc. node	-2203 Oct 13 j 18:22	4°♎51'08	
inferior conj	-2203 Oct 14 j 13:35	3°♎45'08	0°16'33
minimum elong	-2203 Oct 14 j 13:12	3°♎46'29	0°16'23
min. Earth dist.	-2203 Oct 14 j 07:39	4°♎05'32	0.67526 AU
	-2203 Oct 17 j 10:21	30°℞♍	
morning rise	-2203 Oct 19 j 21:40	27°♍31'50	
direct	-2203 Oct 24 j 04:06	25°♍51'38	
	-2203 Oct 31 j 22:25	0°♎	
morning max el	-2203 Nov 02 j 01:48	1°♎06'49	21°39'21
greatest brilliancy	-2203 Nov 07 j 01:42	6°♎49'30	-0.4m
desc. node	-2203 Nov 23 j 23:15	0°♏37'06	
	-2203 Nov 23 j 13:23	0°♏	
morning set	-2203 Dec 03 j 18:14	15°♏45'06	
max. Earth dist.	-2203 Dec 10 j 14:38	26°♏51'00	1.41790 AU
	-2203 Dec 12 j 12:01	0°♐	
superior conj	-2203 Dec 18 j 03:39	9°♐39'20	-1°-56'-8
minimum elong	-2203 Dec 18 j 01:29	9°♐29'52	1°56'08
evening rise	-2203 Dec 29 j 01:02	29°♐13'40	
	-2203 Dec 29 j 11:08	0°♑	
asc. node	-2202 Jan 09 j 17:37	19°♑25'56	
evening max el	-2202 Jan 14 j 11:35	25°♑21'04	18°10'26
retrograde	-2202 Jan 21 j 07:54	28°♑49'35	
evening set	-2202 Jan 23 j 22:17	28°♑20'06	
inferior conj	-2202 Jan 30 j 18:38	23°♑26'26	3°55'26
minimum elong	-2202 Jan 30 j 19:31	23°♑24'23	3°55'21
min. Earth dist.	-2202 Feb 02 j 23:59	20°♑29'25	0.60661 AU
morning rise	-2202 Feb 06 j 13:59	17°♑43'53	
direct	-2202 Feb 13 j 09:12	15°♑31'47	
desc. node	-2202 Feb 19 j 22:28	17°♑22'18	
morning max el	-2202 Feb 27 j 13:22	23°♑15'38	27°30'29
	-2202 Mar 05 j 14:34	0°♒	
	-2202 Mar 24 j 19:56	0°♓	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning set	-2202 Mar 31 j 10:03	12°♓57'56	
max. Earth dist.	-2202 Apr 06 j 18:59	26°♓33'14	1.32522 AU
superior conj	-2202 Apr 07 j 15:47	28°♓26'52	0°00'-31
minimum elong	-2202 Apr 07 j 15:48	28°♓26'59	0°00'32
behind sun begin	-2202 Apr 07 j 10:47	27°♓59'29	
behind sun end	-2202 Apr 07 j 20:50	28°♓54'29	
asc. node	-2202 Apr 07 j 17:00	28°♓33'31	
	-2202 Apr 08 j 08:49	0°♈	
evening rise	-2202 Apr 14 j 15:16	13°♈33'16	
	-2202 Apr 22 j 23:38	0°♉	
evening max el	-2202 May 11 j 15:17	26°♉10'16	25°23'33
	-2202 May 16 j 06:41	0°♊	
desc. node	-2202 May 18 j 21:32	1°♊34'10	
retrograde	-2202 May 25 j 16:28	3°♊20'49	
evening set	-2202 May 31 j 05:21	2°♊09'04	
	-2202 Jun 04 j 04:53	30°℞♉	
min. Earth dist.	-2202 Jun 05 j 03:17	29°♉23'16	0.57995 AU
inferior conj	-2202 Jun 08 j 07:56	27°♉09'50	-4°-20'-46
minimum elong	-2202 Jun 08 j 04:54	27°♉15'08	4°20'28
morning rise	-2202 Jun 16 j 08:22	22°♉52'50	
direct	-2202 Jun 18 j 20:32	22°♉33'30	
morning max el	-2202 Jun 27 j 08:10	26°♉32'25	18°53'30
	-2202 Jun 30 j 11:41	0°♊	
asc. node	-2202 Jul 04 j 16:17	6°♊01'45	
morning set	-2202 Jul 13 j 21:15	22°♊52'48	
	-2202 Jul 17 j 12:11	0°♋	
superior conj	-2202 Jul 22 j 11:41	9°♋39'13	1°48'23
minimum elong	-2202 Jul 22 j 11:58	9°♋40'36	1°48'26
max. Earth dist.	-2202 Jul 29 j 07:49	22°♋18'01	1.38929 AU
evening rise	-2202 Aug 02 j 07:16	29°♋16'24	
	-2202 Aug 02 j 17:26	0°♌	
desc. node	-2202 Aug 14 j 20:50	19°♌34'36	
	-2202 Aug 21 j 23:35	0°♍	
evening max el	-2202 Sep 06 j 18:36	19°♍34'44	24°23'03
retrograde	-2202 Sep 17 j 23:58	26°♍09'22	
evening set	-2202 Sep 23 j 09:47	23°♍52'55	
min. Earth dist.	-2202 Sep 28 j 03:16	18°♍26'00	0.67327 AU
inferior conj	-2202 Sep 28 j 19:38	17°♍31'03	0°-37'-35
minimum elong	-2202 Sep 28 j 20:32	17°♍28'00	0°37'13
asc. node	-2202 Sep 30 j 15:25	15°♍07'26	
morning rise	-2202 Oct 04 j 07:35	11°♍23'28	
direct	-2202 Oct 08 j 01:05	10°♍03'49	
morning max el	-2202 Oct 15 j 23:00	14°♍39'34	20°24'18
greatest brilliancy	-2202 Oct 22 j 11:41	22°♍30'51	-0.5m
	-2202 Oct 27 j 20:00	0°♎	
desc. node	-2202 Nov 10 j 20:17	21°♎03'35	
morning set	-2202 Nov 12 j 17:16	23°♎57'20	
	-2202 Nov 16 j 14:19	0°♏	
max. Earth dist.	-2202 Nov 22 j 22:54	10°♏05'35	1.43451 AU
superior conj	-2202 Nov 28 j 22:23	19°♏50'26	-1°-40'-2
minimum elong	-2202 Nov 28 j 16:04	19°♏24'20	1°39'36
	-2202 Dec 04 j 23:31	0°♐	
evening rise	-2202 Dec 11 j 12:48	11°♐19'33	
	-2202 Dec 22 j 12:35	0°♑	
asc. node	-2202 Dec 27 j 14:40	7°♑02'38	
evening max el	-2202 Dec 28 j 23:36	8°♑32'08	18°10'01
retrograde	-2201 Jan 04 j 12:37	12°♑00'01	
evening set	-2201 Jan 07 j 06:29	11°♑22'17	
inferior conj	-2201 Jan 13 j 15:26	6°♑07'27	3°54'24
minimum elong	-2201 Jan 13 j 14:09	6°♑10'50	3°54'15
min. Earth dist.	-2201 Jan 16 j 08:31	3°♑17'48	0.62623 AU
morning rise	-2201 Jan 19 j 19:51	0°♑11'42	
	-2201 Jan 20 j 02:12	30°℞♐	
direct	-2201 Jan 26 j 20:37	27°♐32'58	
	-2201 Feb 03 j 05:34	0°♑	
desc. node	-2201 Feb 06 j 19:32	2°♑37'52	
morning max el	-2201 Feb 09 j 18:50	5°♑21'03	27°44'38
	-2201 Feb 28 j 09:44	0°♒	
morning set	-2201 Mar 15 j 12:23	27°♒24'04	
	-2201 Mar 16 j 19:01	0°♓	
max. Earth dist.	-2201 Mar 21 j 03:59	9°♓11'02	1.32893 AU
superior conj	-2201 Mar 23 j 01:18	13°♓14'54	0°-26'-21
minimum elong	-2201 Mar 23 j 02:31	13°♓21'28	0°26'07
asc. node	-2201 Mar 25 j 14:02	18°♓44'03	
evening rise	-2201 Mar 30 j 02:59	28°♓28'54	
	-2201 Mar 30 j 20:20	0°♈	
	-2201 Apr 17 j 04:20	0°♉	
evening max el	-2201 Apr 23 j 06:38	6°♉55'17	23°53'51
desc. node	-2201 May 05 j 18:36	13°♉45'40	
retrograde	-2201 May 07 j 00:58	13°♉49'20	
evening set	-2201 May 11 j 04:38	13°♉11'05	
min. Earth dist.	-2201 May 17 j 17:48	10°♉03'52	0.56299 AU
inferior conj	-2201 May 20 j 02:22	8°♉37'17	-3°-33'-8
minimum elong	-2201 May 19 j 20:07	8°♉46'55	3°31'44
morning rise	-2201 May 28 j 15:25	4°♉37'18	
direct	-2201 May 31 j 04:50	4°♉20'25	
morning max el	-2201 Jun 10 j 03:42	8°♉56'47	19°52'44
asc. node	-2201 Jun 21 j 13:21	24°♉54'24	
	-2201 Jun 24 j 06:53	0°♊	
morning set	-2201 Jun 27 j 23:41	7°♊18'51	
superior conj	-2201 Jul 05 j 22:21	23°♊23'23	1°45'11
minimum elong	-2201 Jul 05 j 20:56	23°♊16'18	1°45'11
	-2201 Jul 09 j 07:08	0°♋	
max. Earth dist.	-2201 Jul 11 j 11:13	4°♋08'53	1.37020 AU
evening rise	-2201 Jul 15 j 09:38	11°♋25'16	
	-2201 Jul 26 j 08:22	0°♌	
desc. node	-2201 Aug 01 j 17:51	9°♌47'33	
	-2201 Aug 17 j 05:22	0°♍	
evening max el	-2201 Aug 20 j 05:30	3°♍07'51	25°37'03
retrograde	-2201 Sep 01 j 10:00	10°♍08'45	
evening set	-2201 Sep 07 j 10:43	7°♍35'49	
min. Earth dist.	-2201 Sep 11 j 19:40	2°♍45'18	0.66803 AU
inferior conj	-2201 Sep 12 j 23:06	1°♍17'11	-1°-31'-56
minimum elong	-2201 Sep 13 j 01:19	1°♍10'01	1°31'02
	-2201 Sep 13 j 23:21	30°℞♌	
asc. node	-2201 Sep 17 j 12:29	26°♌10'05	
morning rise	-2201 Sep 18 j 16:35	25°♌18'16	
direct	-2201 Sep 21 j 23:18	24°♌16'03	
morning max el	-2201 Sep 29 j 03:32	28°♌21'07	19°22'29
	-2201 Sep 30 j 16:05	0°♍	
greatest brilliancy	-2201 Oct 08 j 21:23	11°♍04'02	-0.7m
	-2201 Oct 21 j 05:53	0°♎	
morning set	-2201 Oct 22 j 19:35	2°♎26'47	
desc. node	-2201 Oct 28 j 17:18	11°♎40'00	
max. Earth dist.	-2201 Nov 05 j 13:04	23°♎57'48	1.44536 AU
superior conj	-2201 Nov 08 j 14:29	28°♎49'02	-1°-6'-23
minimum elong	-2201 Nov 08 j 07:09	28°♎19'53	1°05'36
	-2201 Nov 09 j 08:17	0°♏	
evening rise	-2201 Nov 23 j 03:52	22°♏29'59	
	-2201 Nov 27 j 16:09	0°♐	
evening max el	-2201 Dec 12 j 11:58	21°♐52'48	18°28'22
asc. node	-2201 Dec 14 j 11:41	23°♐40'09	
retrograde	-2201 Dec 19 j 02:10	25°♐30'58	
evening set	-2201 Dec 22 j 00:30	24°♐43'42	
inferior conj	-2201 Dec 28 j 00:45	19°♐09'55	3°35'31
minimum elong	-2201 Dec 27 j 22:11	19°♐17'21	3°35'02
min. Earth dist.	-2201 Dec 30 j 02:59	16°♐44'29	0.64313 AU
morning rise	-2200 Jan 02 j 18:31	13°♐05'10	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

direct	-2200 Jan 09 j 15:39	10°♐14'35	
morning max el	-2200 Jan 23 j 03:42	17°♐59'56	27°23'09
desc. node	-2200 Jan 24 j 16:36	19°♐34'47	
	-2200 Feb 02 j 07:00	0°♑	
	-2200 Feb 21 j 06:06	0°♒	
morning set	-2200 Feb 27 j 06:40	11°♒22'05	
max. Earth dist.	-2200 Mar 03 j 05:03	21°♒19'23	1.33668 AU
superior conj	-2200 Mar 06 j 07:05	27°♒47'29	0°-51'-56
minimum elong	-2200 Mar 06 j 09:26	27°♒59'56	0°51'32
	-2200 Mar 07 j 08:02	0°♓	
asc. node	-2200 Mar 11 j 11:04	8°♓48'24	
evening rise	-2200 Mar 13 j 14:07	13°♓18'01	
	-2200 Mar 22 j 03:50	0°♈	
evening max el	-2200 Apr 03 j 23:56	17°♈36'35	22°19'32
retrograde	-2200 Apr 16 j 21:16	23°♈54'57	
evening set	-2200 Apr 19 j 19:28	23°♈36'07	
desc. node	-2200 Apr 21 j 15:40	23°♈06'09	
min. Earth dist.	-2200 Apr 28 j 07:34	19°♈55'33	0.55269 AU
inferior conj	-2200 Apr 29 j 03:52	19°♈26'47	-2°-3'-19
minimum elong	-2200 Apr 28 j 22:31	19°♈34'23	2°01'35
morning rise	-2200 May 08 j 03:27	15°♈30'53	
direct	-2200 May 10 j 21:15	15°♈13'47	
morning max el	-2200 May 22 j 12:27	20°♈40'36	21°11'26
	-2200 May 30 j 04:49	0°♉	
asc. node	-2200 Jun 07 j 10:24	14°♉16'32	
morning set	-2200 Jun 11 j 07:19	22°♉03'07	
	-2200 Jun 15 j 02:55	0°♊	
superior conj	-2200 Jun 18 j 19:21	7°♊40'30	1°35'04
minimum elong	-2200 Jun 18 j 16:59	7°♊28'21	1°34'54
max. Earth dist.	-2200 Jun 22 j 21:28	15°♊58'47	1.35384 AU
evening rise	-2200 Jun 27 j 07:14	24°♊32'41	
	-2200 Jun 30 j 05:43	0°♋	
desc. node	-2200 Jul 18 j 14:52	29°♋37'58	
	-2200 Jul 18 j 21:10	0°♌	
evening max el	-2200 Aug 01 j 16:56	16°♌40'27	26°36'56
retrograde	-2200 Aug 14 j 15:07	23°♌56'11	
evening set	-2200 Aug 21 j 05:23	21°♌12'26	
min. Earth dist.	-2200 Aug 25 j 06:29	16°♌59'57	0.65937 AU
inferior conj	-2200 Aug 26 j 22:05	15°♌00'47	-2°-24'-36
minimum elong	-2200 Aug 27 j 01:28	14°♌50'34	2°23'22
morning rise	-2200 Sep 01 j 22:38	9°♌13'41	
asc. node	-2200 Sep 03 j 09:33	8°♌37'34	
direct	-2200 Sep 04 j 20:59	8°♌25'15	
morning max el	-2200 Sep 11 j 14:00	12°♌08'28	18°36'08
	-2200 Sep 24 j 07:37	0°♍	
morning set	-2200 Oct 01 j 20:55	12°♍06'55	
	-2200 Oct 13 j 02:10	0°♎	
desc. node	-2200 Oct 14 j 14:17	2°♎22'37	
superior conj	-2200 Oct 17 j 14:55	7°♎08'50	0°-19'-24
minimum elong	-2200 Oct 17 j 12:21	6°♎58'42	0°19'04
max. Earth dist.	-2200 Oct 18 j 06:43	8°♎11'00	1.44924 AU
	-2200 Nov 01 j 02:43	0°♏	
evening rise	-2200 Nov 02 j 18:50	2°♏39'11	
	-2200 Nov 20 j 13:00	0°♐	
evening max el	-2200 Nov 24 j 22:15	5°♐18'35	19°04'19
asc. node	-2200 Nov 30 j 08:42	9°♐03'36	
retrograde	-2200 Dec 01 j 20:53	9°♐16'17	
evening set	-2200 Dec 05 j 01:21	8°♐17'32	
inferior conj	-2200 Dec 10 j 19:09	2°♐27'25	3°04'11
minimum elong	-2200 Dec 10 j 16:09	2°♐36'50	3°03'21
min. Earth dist.	-2200 Dec 12 j 06:43	0°♐35'55	0.65649 AU
	-2200 Dec 12 j 18:25	30°℞♏	
morning rise	-2200 Dec 16 j 06:01	26°♏16'32	
direct	-2200 Dec 22 j 17:03	23°♏28'33	

	-2199 Jan 03 j 12:41	0°♐	
morning max el	-2199 Jan 04 j 13:12	0°♐59'58	26°31'34
desc. node	-2199 Jan 10 j 13:38	7°♐43'32	
	-2199 Jan 26 j 07:47	0°♑	
morning set	-2199 Feb 09 j 13:10	24°♑39'35	
	-2199 Feb 12 j 07:59	0°♒	
max. Earth dist.	-2199 Feb 13 j 18:55	2°♒51'28	1.34899 AU
superior conj	-2199 Feb 18 j 06:51	11°♒56'51	-1°-16'00
minimum elong	-2199 Feb 18 j 10:03	12°♒13'21	1°15'34
evening rise	-2199 Feb 25 j 22:48	27°♒53'36	
asc. node	-2199 Feb 26 j 08:04	28°♒41'23	
	-2199 Feb 26 j 23:25	0°♓	
evening max el	-2199 Mar 17 j 01:10	28°♓39'08	20°53'00
	-2199 Mar 18 j 13:19	0°♈	
retrograde	-2199 Mar 28 j 10:22	4°♈06'31	
evening set	-2199 Mar 30 j 17:49	3°♈53'54	
inferior conj	-2199 Apr 08 j 22:34	29°♓56'26	0°-6'-56
minimum elong	-2199 Apr 08 j 22:15	29°♓56'54	0°06'50
transit middle	-2199 Apr 08 j 22:15	29°♓56'54	0°06'50
transit begin	-2199 Apr 08 j 18:34	0°♈02'09	
transit end	-2199 Apr 09 j 01:56	29°♓51'38	
desc. node	-2199 Apr 08 j 12:43	0°♈10'28	
	-2199 Apr 08 j 20:04	30°℞♓	
min. Earth dist.	-2199 Apr 09 j 21:20	29°♓23'59	0.55147 AU
morning rise	-2199 Apr 18 j 01:31	25°♓46'59	
direct	-2199 Apr 21 j 08:49	25°♓23'17	
	-2199 May 02 j 11:56	0°♈	
morning max el	-2199 May 04 j 10:42	1°♈42'33	22°45'31
	-2199 May 23 j 07:59	0°♉	
asc. node	-2199 May 25 j 07:27	3°♉59'30	
morning set	-2199 May 26 j 18:02	6°♉58'25	
superior conj	-2199 Jun 02 j 23:20	22°♉19'21	1°19'44
minimum elong	-2199 Jun 02 j 20:44	22°♉05'33	1°19'25
max. Earth dist.	-2199 Jun 05 j 17:41	28°♉08'27	1.34106 AU
	-2199 Jun 06 j 15:12	0°♊	
evening rise	-2199 Jun 10 j 18:57	8°♊23'06	
	-2199 Jun 22 j 17:45	0°♋	
desc. node	-2199 Jul 05 j 11:54	18°♋55'43	
evening max el	-2199 Jul 15 j 04:35	0°♌03'04	27°15'02
	-2199 Jul 15 j 03:19	0°♌	
retrograde	-2199 Jul 28 j 14:38	7°♌24'01	
evening set	-2199 Aug 04 j 15:05	4°♌38'33	
min. Earth dist.	-2199 Aug 08 j 09:25	1°♌03'24	0.64701 AU
	-2199 Aug 09 j 08:35	30°℞♋	
inferior conj	-2199 Aug 10 j 14:19	28°♋37'27	-3°-13'-13
minimum elong	-2199 Aug 10 j 18:27	28°♋26'02	3°11'59
morning rise	-2199 Aug 16 j 23:22	23°♋05'35	
direct	-2199 Aug 19 j 15:50	22°♋27'32	
asc. node	-2199 Aug 21 j 06:38	22°♋41'21	
morning max el	-2199 Aug 26 j 04:11	25°♋57'11	18°06'40
	-2199 Aug 29 j 14:22	0°♌	
morning set	-2199 Sep 13 j 02:21	23°♌09'01	
	-2199 Sep 17 j 04:40	0°♍	
superior conj	-2199 Sep 26 j 21:33	15°♍51'07	0°29'19
minimum elong	-2199 Sep 27 j 00:58	16°♍04'49	0°28'53
max. Earth dist.	-2199 Oct 01 j 01:02	22°♍27'39	1.44577 AU
desc. node	-2199 Oct 01 j 11:18	23°♍08'17	
	-2199 Oct 05 j 19:55	0°♎	
evening rise	-2199 Oct 13 j 11:20	11°♎53'28	
	-2199 Oct 25 j 07:05	0°♏	
greatest brilliancy	-2199 Oct 31 j 20:03	9°♏34'17	-0.6m
evening max el	-2199 Nov 08 j 04:21	18°♏46'14	19°56'12
retrograde	-2199 Nov 15 j 18:00	23°♏11'45	
asc. node	-2199 Nov 17 j 05:45	22°♏58'57	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening set	-2199 Nov 19 j 06:35	21°♏59'14				-2198 Nov 08 j 15:59	30°℞♎				
inferior conj	-2199 Nov 24 j 19:49	15°♏55'44	2°24'05		inferior conj	-2198 Nov 09 j 00:24	29°♎31'12	1°37'43			
minimum elong	-2199 Nov 24 j 17:02	16°♏04'56	2°23'07		minimum elong	-2198 Nov 08 j 22:19	29°♎38'21	1°36'53			
min. Earth dist.	-2199 Nov 25 j 18:05	14°♏41'54	0.66609 AU		min. Earth dist.	-2198 Nov 09 j 10:56	28°♎55'06	0.67216 AU			
morning rise	-2199 Nov 30 j 02:52	9°♏41'01			morning rise	-2198 Nov 14 j 06:11	23°♎14'52				
direct	-2199 Dec 05 j 23:59	7°♏06'31			direct	-2198 Nov 19 j 11:51	21°♎00'10				
morning max el	-2199 Dec 17 j 22:00	14°♏10'52	25°18'35		morning max el	-2198 Nov 30 j 06:44	27°♎26'01	23°53'51			
desc. node	-2199 Dec 28 j 10:40	26°♏43'06				-2198 Dec 02 j 16:35	0°♏				
	-2199 Dec 30 j 20:34	0°♐			desc. node	-2198 Dec 15 j 07:41	16°♏18'02				
	-2198 Jan 19 j 03:11	0°♑				-2198 Dec 24 j 13:07	0°♐				
morning set	-2198 Jan 23 j 03:04	7°♑02'51			morning set	-2197 Jan 04 j 18:15	18°♐14'54				
max. Earth dist.	-2198 Jan 26 j 21:36	13°♑58'58	1.36573 AU		max. Earth dist.	-2197 Jan 08 j 17:43	25°♐10'50	1.38568 AU			
						-2197 Jan 11 j 10:04	0°♑				
superior conj	-2198 Feb 01 j 21:50	25°♑35'11	-1°-36'-48								
minimum elong	-2198 Feb 02 j 01:16	25°♑52'13	1°36'30		superior conj	-2197 Jan 16 j 00:14	8°♑31'34	-1°-51'-57			
	-2198 Feb 04 j 02:51	0°♒			minimum elong	-2197 Jan 16 j 02:48	8°♑43'39	1°51'53			
evening rise	-2198 Feb 10 j 03:02	12°♒09'59			evening rise	-2197 Jan 25 j 00:17	25°♑59'38				
asc. node	-2198 Feb 13 j 05:05	18°♒18'15				-2197 Jan 27 j 01:43	0°♒				
	-2198 Feb 19 j 16:14	0°♓			asc. node	-2197 Jan 31 j 02:07	7°♒32'36				
evening max el	-2198 Feb 27 j 13:03	10°♓16'47	19°42'12		evening max el	-2197 Feb 10 j 11:04	22°♒30'03	18°50'45			
retrograde	-2198 Mar 09 j 05:11	14°♓53'33			retrograde	-2197 Feb 18 j 16:23	26°♒28'13				
evening set	-2198 Mar 11 j 10:46	14°♓39'54			evening set	-2197 Feb 21 j 00:59	26°♒09'55				
inferior conj	-2198 Mar 20 j 00:57	10°♓36'38	1°43'21		inferior conj	-2197 Feb 28 j 21:27	21°♒50'02	3°02'27			
minimum elong	-2198 Mar 20 j 04:57	10°♓30'21	1°42'05		minimum elong	-2197 Mar 01 j 01:56	21°♒41'50	3°01'26			
min. Earth dist.	-2198 Mar 22 j 11:34	9°♓04'52	0.55960 AU		min. Earth dist.	-2197 Mar 04 j 03:42	19°♒28'28	0.57507 AU			
desc. node	-2198 Mar 26 j 09:46	6°♓55'44			morning rise	-2197 Mar 08 j 22:55	16°♒41'16				
morning rise	-2198 Mar 28 j 19:48	5°♓59'03			desc. node	-2197 Mar 13 j 06:50	15°♒31'34				
direct	-2198 Apr 02 j 03:18	5°♓17'34			direct	-2197 Mar 14 j 10:46	15°♒28'15				
morning max el	-2198 Apr 16 j 02:25	12°♓18'07	24°25'34		morning max el	-2197 Mar 28 j 17:54	22°♒54'55	25°57'20			
	-2198 Apr 29 j 15:03	0°♈				-2197 Apr 04 j 01:31	0°♓				
morning set	-2198 May 11 j 06:06	21°♈58'58				-2197 Apr 22 j 08:02	0°♈				
asc. node	-2198 May 12 j 04:30	23°♈57'12			morning set	-2197 Apr 25 j 17:51	6°♈59'03				
	-2198 May 15 j 00:08	0°♉			asc. node	-2197 Apr 29 j 01:33	14°♈04'35				
superior conj	-2198 May 18 j 07:51	7°♉12'03	1°00'29		superior conj	-2197 May 02 j 18:53	22°♈11'57	0°38'18			
minimum elong	-2198 May 18 j 05:33	6°♉59'34	1°00'06		minimum elong	-2197 May 02 j 17:17	22°♈03'09	0°38'00			
max. Earth dist.	-2198 May 19 j 22:48	10°♉42'08	1.33201 AU		max. Earth dist.	-2197 May 03 j 09:47	23°♈33'24	1.32654 AU			
evening rise	-2198 May 25 j 16:41	22°♉44'00				-2197 May 06 j 09:02	0°♉				
	-2198 May 29 j 08:56	0°♊			evening rise	-2197 May 09 j 21:18	7°♉25'22				
	-2198 Jun 16 j 12:59	0°♋				-2197 May 21 j 20:54	0°♊				
desc. node	-2198 Jun 22 j 08:56	7°♋27'00			desc. node	-2197 Jun 09 j 05:58	24°♊52'21				
evening max el	-2198 Jun 27 j 14:26	13°♋02'26	27°24'45		evening max el	-2197 Jun 09 j 19:58	25°♊26'15	27°02'08			
retrograde	-2198 Jul 11 j 08:01	20°♋23'32				-2197 Jun 15 j 12:39	0°♋				
evening set	-2198 Jul 18 j 12:27	17°♋48'30			retrograde	-2197 Jun 23 j 18:44	2°♋45'50				
min. Earth dist.	-2198 Jul 22 j 02:35	14°♋45'29	0.63096 AU		evening set	-2197 Jun 30 j 17:25	0°♋35'18				
inferior conj	-2198 Jul 24 j 21:04	12°♋00'56	-3°-54'-21			-2197 Jul 01 j 15:10	30°℞♊				
minimum elong	-2198 Jul 25 j 01:05	11°♋50'56	3°53'30		min. Earth dist.	-2197 Jul 04 j 09:39	27°♊52'28	0.61182 AU			
morning rise	-2198 Jul 31 j 15:54	6°♋47'45			inferior conj	-2197 Jul 07 j 15:04	25°♊03'42	-4°-22'-44			
direct	-2198 Aug 03 j 04:48	6°♋17'17			minimum elong	-2197 Jul 07 j 17:36	24°♊58'07	4°22'28			
asc. node	-2198 Aug 08 j 03:43	8°♋14'16			morning rise	-2197 Jul 14 j 20:44	20°♊11'59				
morning max el	-2198 Aug 09 j 19:26	9°♋41'46	17°55'01		direct	-2197 Jul 17 j 08:08	19°♊47'00				
	-2198 Aug 23 j 07:07	0°♌			morning max el	-2197 Jul 24 j 08:58	23°♊15'49	18°02'05			
morning set	-2198 Aug 26 j 07:47	5°♌19'45			asc. node	-2197 Jul 26 j 00:48	25°♊01'57				
						-2197 Jul 29 j 17:39	0°♋				
superior conj	-2198 Sep 07 j 03:50	25°♌44'34	1°08'32		morning set	-2197 Aug 09 j 07:30	18°♋23'29				
minimum elong	-2198 Sep 07 j 09:18	26°♌07'23	1°07'57			-2197 Aug 15 j 15:29	0°♌				
	-2198 Sep 09 j 17:22	0°♍									
max. Earth dist.	-2198 Sep 13 j 16:38	6°♍28'20	1.43547 AU		superior conj	-2197 Aug 19 j 13:45	7°♌00'37	1°33'54			
desc. node	-2198 Sep 18 j 08:17	13°♍53'37			minimum elong	-2197 Aug 19 j 17:49	7°♌18'29	1°33'37			
evening rise	-2198 Sep 22 j 16:43	20°♍41'46			max. Earth dist.	-2197 Aug 27 j 02:48	19°♌55'11	1.41972 AU			
	-2198 Sep 28 j 18:29	0°♎			evening rise	-2197 Sep 02 j 05:59	29°♌54'10				
greatest brilliancy	-2198 Oct 16 j 17:05	25°♎46'40	-0.5m			-2197 Sep 02 j 07:27	0°♍				
	-2198 Oct 20 j 03:50	0°♏			desc. node	-2197 Sep 05 j 05:19	4°♍35'43				
evening max el	-2198 Oct 22 j 04:41	2°♏13'04	21°01'36			-2197 Sep 22 j 08:55	0°♎				
retrograde	-2198 Oct 30 j 15:14	7°♏13'17			greatest brilliancy	-2197 Sep 30 j 05:18	10°♎19'32	-0.3m			
evening set	-2198 Nov 03 j 14:04	5°♏44'41			evening max el	-2197 Oct 04 j 23:02	15°♎39'57	22°16'58			
asc. node	-2198 Nov 04 j 02:50	5°♏19'04			retrograde	-2197 Oct 14 j 10:54	21°♎18'44				

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening set	-2197 Oct 18 j 22:00	19°♎32'10	
asc. node	-2197 Oct 21 j 23:54	16°♎17'12	
inferior conj	-2197 Oct 24 j 06:58	13°♎12'20	0°47'04
minimum elong	-2197 Oct 24 j 05:53	13°♎16'04	0°46'35
min. Earth dist.	-2197 Oct 24 j 06:53	13°♎12'37	0.67501 AU
morning rise	-2197 Oct 29 j 13:38	6°♎56'59	
direct	-2197 Nov 03 j 04:09	5°♎04'19	
morning max el	-2197 Nov 12 j 18:00	10°♎45'38	22°26'56
greatest brilliancy	-2197 Nov 17 j 10:08	16°♎00'54	-0.3m
	-2197 Nov 27 j 20:38	0°♏	
desc. node	-2197 Dec 02 j 04:43	6°♏18'29	
morning set	-2197 Dec 16 j 05:14	28°♏03'28	
	-2197 Dec 17 j 09:47	0°♐	
max. Earth dist.	-2197 Dec 21 j 14:30	6°♐59'24	1.40657 AU
superior conj	-2197 Dec 29 j 09:17	20°♐33'50	-1°-58'-11
minimum elong	-2197 Dec 29 j 09:20	20°♐34'02	1°58'14
	-2196 Jan 03 j 13:06	0°♑	
evening rise	-2196 Jan 08 j 11:35	9°♑15'19	
asc. node	-2196 Jan 17 j 23:10	26°♑17'01	
	-2196 Jan 20 j 09:44	0°♒	
evening max el	-2196 Jan 24 j 16:54	5°♒12'47	18°19'27
retrograde	-2196 Jan 31 j 22:09	8°♒47'46	
evening set	-2196 Feb 03 j 10:25	8°♒22'49	
inferior conj	-2196 Feb 10 j 14:45	3°♒42'03	3°45'06
minimum elong	-2196 Feb 10 j 17:07	3°♒37'00	3°44'48
min. Earth dist.	-2196 Feb 14 j 00:08	0°♒50'36	0.59473 AU
	-2196 Feb 15 j 02:03	30°℞♑	
morning rise	-2196 Feb 17 j 20:26	28°♑09'19	
direct	-2196 Feb 24 j 07:18	26°♑17'26	
desc. node	-2196 Feb 28 j 03:54	26°♑55'41	
	-2196 Mar 04 j 22:26	0°♒	
morning max el	-2196 Mar 09 j 13:55	3°♒58'02	27°05'50
	-2196 Mar 28 j 15:36	0°♓	
morning set	-2196 Apr 09 j 03:31	21°♓51'42	
	-2196 Apr 12 j 23:24	0°♈	
asc. node	-2196 Apr 14 j 22:34	4°♈16'39	
superior conj	-2196 Apr 16 j 06:39	7°♈12'15	0°14'04
minimum elong	-2196 Apr 16 j 06:01	7°♈08'48	0°13'56
behind sun begin	-2196 Apr 16 j 03:40	6°♈55'51	
behind sun end	-2196 Apr 16 j 08:23	7°♈21'46	
max. Earth dist.	-2196 Apr 15 j 22:54	6°♈29'47	1.32462 AU
evening rise	-2196 Apr 23 j 06:15	22°♈18'10	
	-2196 Apr 27 j 00:39	0°♉	
	-2196 May 15 j 09:48	0°♊	
evening max el	-2196 May 21 j 19:16	7°♊06'41	26°07'25
desc. node	-2196 May 26 j 03:02	10°♊43'44	
retrograde	-2196 Jun 04 j 21:08	14°♊22'33	
evening set	-2196 Jun 11 j 01:40	12°♊48'20	
min. Earth dist.	-2196 Jun 15 j 08:06	10°♊08'21	0.59127 AU
inferior conj	-2196 Jun 18 j 16:38	7°♊35'42	-4°-30'-15
minimum elong	-2196 Jun 18 j 15:59	7°♊36'57	4°30'12
morning rise	-2196 Jun 26 j 10:01	3°♊06'24	
direct	-2196 Jun 28 j 21:26	2°♊45'25	
morning max el	-2196 Jul 06 j 17:42	6°♊29'54	18°28'50
asc. node	-2196 Jul 11 j 21:53	12°♊48'13	
	-2196 Jul 21 j 18:04	0°♋	
morning set	-2196 Jul 22 j 20:27	2°♋06'25	
superior conj	-2196 Jul 31 j 22:59	19°♋26'14	1°46'14
minimum elong	-2196 Aug 01 j 00:35	19°♋33'39	1°46'14
	-2196 Aug 06 j 19:10	0°♌	
max. Earth dist.	-2196 Aug 08 j 07:06	2°♌37'06	1.40070 AU
evening rise	-2196 Aug 12 j 17:27	10°♌09'42	
desc. node	-2196 Aug 22 j 02:21	25°♌10'18	
	-2196 Aug 25 j 06:40	0°♍	
evening max el	-2196 Sep 16 j 12:44	29°♍08'44	23°37'19
	-2196 Sep 17 j 09:43	0°♎	
retrograde	-2196 Sep 27 j 03:30	5°♎24'52	
evening set	-2196 Oct 02 j 04:37	3°♎19'24	
	-2196 Oct 05 j 06:56	30°℞♍	
min. Earth dist.	-2196 Oct 07 j 03:26	27°♍32'19	0.67477 AU
inferior conj	-2196 Oct 07 j 13:43	26°♍57'12	0°-6'-15
minimum elong	-2196 Oct 07 j 13:51	26°♍56'42	0°06'13
transit middle	-2196 Oct 07 j 13:51	26°♍56'42	0°06'13
transit begin	-2196 Oct 07 j 11:21	27°♍05'16	
transit end	-2196 Oct 07 j 16:22	26°♍48'07	
asc. node	-2196 Oct 07 j 20:59	26°♍32'22	
morning rise	-2196 Oct 12 j 23:12	20°♍45'40	
direct	-2196 Oct 16 j 23:51	19°♍14'30	
morning max el	-2196 Oct 25 j 10:53	24°♍12'26	21°05'55
	-2196 Oct 30 j 11:20	0°♎	
greatest brilliancy	-2196 Oct 30 j 23:43	0°♎39'25	-0.5m
desc. node	-2196 Nov 18 j 01:46	26°♎37'13	
	-2196 Nov 20 j 06:47	0°♏	
morning set	-2196 Nov 24 j 13:21	6°♏37'47	
max. Earth dist.	-2196 Dec 02 j 17:44	19°♏42'14	1.42553 AU
	-2196 Dec 08 j 22:26	0°♐	
superior conj	-2196 Dec 09 j 19:28	1°♐29'16	-1°-51'-24
minimum elong	-2196 Dec 09 j 15:28	1°♐12'13	1°51'15
evening rise	-2196 Dec 21 j 09:11	21°♐49'17	
	-2196 Dec 25 j 22:50	0°♑	
asc. node	-2195 Jan 03 j 20:12	14°♑22'10	
evening max el	-2195 Jan 07 j 03:35	18°♑16'38	18°07'58
retrograde	-2195 Jan 13 j 19:37	21°♑43'08	
evening set	-2195 Jan 16 j 11:26	21°♑10'18	
inferior conj	-2195 Jan 23 j 02:37	16°♑07'47	3°57'34
minimum elong	-2195 Jan 23 j 02:29	16°♑08'07	3°57'31
min. Earth dist.	-2195 Jan 26 j 03:32	13°♑11'06	0.61520 AU
morning rise	-2195 Jan 29 j 15:05	10°♑19'07	
direct	-2195 Feb 05 j 14:10	7°♑53'38	
desc. node	-2195 Feb 14 j 00:57	10°♑57'14	
morning max el	-2195 Feb 19 j 16:00	15°♑40'14	27°40'58
	-2195 Mar 03 j 09:59	0°♒	
	-2195 Mar 21 j 03:17	0°♓	
morning set	-2195 Mar 24 j 09:10	6°♓30'02	
max. Earth dist.	-2195 Mar 30 j 10:29	19°♓18'23	1.32630 AU
superior conj	-2195 Mar 31 j 17:30	22°♓07'00	0°-11'-26
minimum elong	-2195 Mar 31 j 18:02	22°♓09'52	0°11'20
behind sun begin	-2195 Mar 31 j 14:27	21°♓50'22	
behind sun end	-2195 Mar 31 j 21:37	22°♓29'21	
asc. node	-2195 Apr 01 j 19:37	24°♓29'18	
	-2195 Apr 04 j 08:20	0°♈	
evening rise	-2195 Apr 07 j 17:31	7°♈15'12	
	-2195 Apr 19 j 17:26	0°♉	
evening max el	-2195 May 03 j 12:44	18°♉07'56	24°47'02
desc. node	-2195 May 13 j 00:03	24°♉25'56	
retrograde	-2195 May 17 j 12:36	25°♉13'03	
evening set	-2195 May 22 j 11:33	24°♉17'13	
min. Earth dist.	-2195 May 28 j 00:41	21°♉23'35	0.57213 AU
inferior conj	-2195 May 30 j 22:44	19°♉28'23	-4°-5'-51
minimum elong	-2195 May 30 j 18:02	19°♉36'09	4°05'07
morning rise	-2195 Jun 08 j 04:30	15°♉19'15	
direct	-2195 Jun 10 j 17:02	15°♉01'08	
morning max el	-2195 Jun 19 j 18:41	19°♉14'38	19°16'06
	-2195 Jun 27 j 23:48	0°♊	
asc. node	-2195 Jun 28 j 18:56	1°♊19'49	
morning set	-2195 Jul 06 j 18:49	16°♊18'58	
	-2195 Jul 13 j 15:57	0°♋	
superior conj	-2195 Jul 15 j 01:49	2°♋45'30	1°48'00

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2195 Jul	15 j 01:17	2♋42'54	1°48'02
max. Earth dist.	-2195 Jul	21 j 09:23	14♋41'36	1.38099 AU
evening rise	-2195 Jul	25 j 06:31	21♋39'10	
	-2195 Jul	30 j 03:36	0°♌	
desc. node	-2195 Aug	08 j 23:23	15°♌32'39	
	-2195 Aug	19 j 04:53	0°♍	
evening max el	-2195 Aug	30 j 00:12	12°♍41'05	24°55'50
retrograde	-2195 Sep	10 j 16:01	19°♍27'46	
evening set	-2195 Sep	16 j 08:08	17°♍04'09	
min. Earth dist.	-2195 Sep	20 j 22:01	11°♍52'15	0.67145 AU
inferior conj	-2195 Sep	21 j 18:53	10°♍43'19	-1°00'-43
minimum elong	-2195 Sep	21 j 20:21	10°♍38'28	1°00'06
asc. node	-2195 Sep	24 j 18:03	7°♍01'42	
morning rise	-2195 Sep	27 j 08:57	4°♍38'52	
direct	-2195 Sep	30 j 21:41	3°♍26'50	
morning max el	-2195 Oct	08 j 11:08	7°♍48'19	19°56'10
greatest brilliancy	-2195 Oct	16 j 00:14	17°♍09'40	-0.6m
	-2195 Oct	24 j 18:38	0°♎	
morning set	-2195 Nov	03 j 10:38	14°♎48'12	
desc. node	-2195 Nov	04 j 22:47	17°♎08'17	
	-2195 Nov	13 j 03:45	0°♏	
max. Earth dist.	-2195 Nov	15 j 04:54	3°♏15'21	1.43995 AU
superior conj	-2195 Nov	20 j 02:31	11°♏08'19	-1°-27'-52
minimum elong	-2195 Nov	19 j 19:06	10°♏38'17	1°27'13
	-2195 Dec	01 j 10:48	0°♐	
evening rise	-2195 Dec	03 j 12:40	3°♐32'24	
	-2195 Dec	20 j 06:12	0°♑	
evening max el	-2195 Dec	21 j 16:09	1°♑32'52	18°15'36
asc. node	-2195 Dec	21 j 17:14	1°♑35'38	
retrograde	-2195 Dec	28 j 04:30	5°♑03'29	
evening set	-2195 Dec	31 j 00:13	4°♑21'44	
	-2194 Jan	05 j 06:31	30°℞♐	
inferior conj	-2194 Jan	06 j 05:10	28°♐58'32	3°48'09
minimum elong	-2194 Jan	06 j 03:14	29°♐03'52	3°47'53
min. Earth dist.	-2194 Jan	08 j 16:02	26°♐17'46	0.63389 AU
morning rise	-2194 Jan	12 j 04:36	22°♐58'53	
direct	-2194 Jan	19 j 04:57	20°♐13'18	
desc. node	-2194 Jan	31 j 22:00	26°♐59'50	
morning max el	-2194 Feb	01 j 23:03	28°♐00'22	27°39'35
	-2194 Feb	03 j 21:22	0°♑	
	-2194 Feb	25 j 03:16	0°♒	
morning set	-2194 Mar	08 j 08:25	20°♒44'58	
	-2194 Mar	12 j 20:40	0°♓	
max. Earth dist.	-2194 Mar	13 j 16:34	1°♓44'50	1.33177 AU
superior conj	-2194 Mar	16 j 01:40	6°♓49'04	0°-37'-17
minimum elong	-2194 Mar	16 j 03:23	6°♓58'17	0°36'58
asc. node	-2194 Mar	19 j 16:38	14°♓37'35	
evening rise	-2194 Mar	23 j 05:12	22°♓08'48	
	-2194 Mar	27 j 01:09	0°♈	
evening max el	-2194 Apr	15 j 04:10	28°♈47'42	23°13'26
	-2194 Apr	16 j 11:39	0°♉	
retrograde	-2194 Apr	28 j 15:10	5°♉28'12	
desc. node	-2194 Apr	29 j 21:05	5°♉24'43	
evening set	-2194 May	02 j 05:12	5°♉00'04	
min. Earth dist.	-2194 May	09 j 14:23	1°♉40'29	0.55768 AU
inferior conj	-2194 May	11 j 09:06	0°♉37'52	-2°-59'-49
minimum elong	-2194 May	11 j 02:35	0°♉47'29	2°58'02
	-2194 May	12 j 11:03	30°℞♈	
morning rise	-2194 May	20 j 03:06	26°♈41'33	
direct	-2194 May	22 j 18:02	26°♈24'51	
	-2194 May	31 j 19:47	0°♉	
morning max el	-2194 Jun	02 j 09:33	1°♉21'17	20°23'59
asc. node	-2194 Jun	15 j 15:59	20°♉25'53	
morning set	-2194 Jun	20 j 23:44	0°♊53'30	
	-2194 Jun	20 j 13:13	0°♊	

superior conj	-2194 Jun	28 j 17:18	16°♊44'40	1°41'38
minimum elong	-2194 Jun	28 j 15:24	16°♊35'00	1°41'33
max. Earth dist.	-2194 Jul	03 j 15:30	26°♊30'25	1.36286 AU
	-2194 Jul	05 j 11:17	0°♋	
evening rise	-2194 Jul	07 j 17:41	4°♋14'23	
	-2194 Jul	23 j 01:35	0°♌	
desc. node	-2194 Jul	26 j 20:22	5°♌36'54	
evening max el	-2194 Aug	12 j 11:23	26°♌15'11	26°04'46
	-2194 Aug	16 j 19:13	0°♍	
retrograde	-2194 Aug	24 j 23:48	3°♍22'55	
evening set	-2194 Aug	31 j 06:40	0°♍44'31	
	-2194 Sep	01 j 02:21	30°℞♌	
min. Earth dist.	-2194 Sep	04 j 12:15	26°♌10'14	0.66480 AU
inferior conj	-2194 Sep	05 j 20:41	24°♌28'43	-1°-54'-36
minimum elong	-2194 Sep	05 j 23:26	24°♌20'06	1°53'32
morning rise	-2194 Sep	11 j 16:59	18°♌34'32	
asc. node	-2194 Sep	11 j 15:07	18°♌37'21	
direct	-2194 Sep	14 j 19:57	17°♌38'29	
morning max el	-2194 Sep	21 j 18:26	21°♌32'46	19°00'52
	-2194 Sep	28 j 11:35	0°♍	
morning set	-2194 Oct	13 j 21:18	23°♍44'27	
	-2194 Oct	17 j 20:45	0°♎	
desc. node	-2194 Oct	22 j 19:49	7°♎47'53	
max. Earth dist.	-2194 Oct	28 j 21:36	17°♎21'17	1.44792 AU
superior conj	-2194 Oct	30 j 09:46	19°♎43'57	0°-47'-32
minimum elong	-2194 Oct	30 j 03:51	19°♎20'36	0°46'50
	-2194 Nov	05 j 21:01	0°♏	
evening rise	-2194 Nov	14 j 17:49	14°♏17'40	
	-2194 Nov	24 j 10:18	0°♐	
evening max el	-2194 Dec	05 j 03:56	14°♐56'15	18°41'30
asc. node	-2194 Dec	08 j 14:16	17°♐43'47	
retrograde	-2194 Dec	11 j 20:45	18°♐41'37	
evening set	-2194 Dec	14 j 21:32	17°♐49'34	
inferior conj	-2194 Dec	20 j 18:46	12°♐08'11	3°23'29
minimum elong	-2194 Dec	20 j 15:55	12°♐16'44	3°22'51
min. Earth dist.	-2194 Dec	22 j 14:29	9°♐56'46	0.64930 AU
morning rise	-2194 Dec	26 j 09:12	6°♐00'34	
direct	-2193 Jan	02 j 02:33	3°♐09'52	
morning max el	-2193 Jan	15 j 08:37	10°♐50'12	27°04'28
desc. node	-2193 Jan	18 j 19:04	14°♐30'21	
	-2193 Jan	30 j 14:37	0°♑	
	-2193 Feb	17 j 14:06	0°♒	
morning set	-2193 Feb	19 j 22:12	4°♒27'02	
max. Earth dist.	-2193 Feb	24 j 13:26	13°♒38'53	1.34145 AU
superior conj	-2193 Feb	28 j 05:10	21°♒12'20	-1°-2'-25
minimum elong	-2193 Feb	28 j 07:56	21°♒26'49	1°01'59
	-2193 Mar	04 j 09:05	0°♓	
asc. node	-2193 Mar	06 j 13:38	4°♓37'24	
evening rise	-2193 Mar	07 j 15:32	6°♓52'53	
	-2193 Mar	20 j 05:38	0°♈	
evening max el	-2193 Mar	28 j 00:04	9°♈34'20	21°40'59
retrograde	-2193 Apr	09 j 07:17	15°♈32'27	
evening set	-2193 Apr	11 j 21:24	15°♈17'21	
desc. node	-2193 Apr	16 j 18:08	13°♈37'42	
inferior conj	-2193 Apr	21 j 05:57	11°♈14'49	-1°-15'-21
minimum elong	-2193 Apr	21 j 02:27	11°♈19'43	1°14'09
min. Earth dist.	-2193 Apr	21 j 03:45	11°♈17'54	0.55102 AU
morning rise	-2193 Apr	30 j 08:16	7°♈15'50	
direct	-2193 May	03 j 06:22	6°♈57'04	
morning max el	-2193 May	15 j 13:35	12°♈46'05	21°50'08
	-2193 May	28 j 06:01	0°♉	
asc. node	-2193 Jun	02 j 13:01	9°♉57'26	
morning set	-2193 Jun	05 j 08:54	15°♉43'05	
	-2193 Jun	12 j 03:52	0°♊	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2193 Jun 12 j 17:37	1°♊11'57	1°29'07
minimum elong	-2193 Jun 12 j 15:05	0°♊58'43	1°28'52
max. Earth dist.	-2193 Jun 16 j 05:54	8°♊26'59	1.34789 AU
evening rise	-2193 Jun 20 j 21:47	17°♊41'08	
	-2193 Jun 27 j 14:10	0°♋	
desc. node	-2193 Jul 13 j 17:22	25°♋14'40	
	-2193 Jul 17 j 07:52	0°♌	
evening max el	-2193 Jul 25 j 22:50	9°♌43'55	26°56'13
retrograde	-2193 Aug 08 j 02:32	17°♌03'02	
evening set	-2193 Aug 14 j 21:52	14°♌16'53	
min. Earth dist.	-2193 Aug 18 j 19:47	10°♌20'57	0.65456 AU
inferior conj	-2193 Aug 20 j 17:03	8°♌09'25	-2°-45'-55
minimum elong	-2193 Aug 20 j 20:50	7°♌58'25	2°44'38
morning rise	-2193 Aug 26 j 21:06	2°♌28'44	
direct	-2193 Aug 29 j 16:39	1°♌45'10	
asc. node	-2193 Aug 29 j 12:12	1°♌45'21	
morning max el	-2193 Sep 05 j 06:52	5°♌21'25	18°21'34
	-2193 Sep 22 j 00:08	0°♍	
morning set	-2193 Sep 24 j 10:39	3°♍59'35	
superior conj	-2193 Oct 09 j 09:56	28°♍04'48	0°01'52
minimum elong	-2193 Oct 09 j 10:11	28°♍05'47	0°01'50
behind sun begin	-2193 Oct 08 j 23:03	27°♍21'46	
behind sun end	-2193 Oct 09 j 21:19	28°♍49'46	
desc. node	-2193 Oct 09 j 16:50	28°♍32'05	
	-2193 Oct 10 j 15:06	0°♎	
max. Earth dist.	-2193 Oct 11 j 15:58	1°♎38'04	1.44860 AU
evening rise	-2193 Oct 25 j 22:32	24°♎01'18	
	-2193 Oct 29 j 18:09	0°♏	
greatest brilliancy	-2193 Nov 09 j 07:11	16°♏14'31	-0.7m
evening max el	-2193 Nov 18 j 12:34	28°♏22'19	19°24'30
	-2193 Nov 20 j 05:49	0°♐	
asc. node	-2193 Nov 25 j 11:19	2°♐31'04	
retrograde	-2193 Nov 25 j 16:57	2°♐31'22	
evening set	-2193 Nov 29 j 00:33	1°♐27'07	
	-2193 Nov 30 j 19:53	30°℞♏	
inferior conj	-2193 Dec 04 j 16:10	25°♏30'40	2°48'07
minimum elong	-2193 Dec 04 j 13:12	25°♏40'15	2°47'11
min. Earth dist.	-2193 Dec 05 j 21:51	23°♏55'00	0.66097 AU
morning rise	-2193 Dec 10 j 01:03	19°♏17'38	
direct	-2193 Dec 16 j 06:19	16°♏34'27	
morning max el	-2193 Dec 28 j 18:10	23°♏56'39	26°02'39
	-2192 Jan 03 j 05:08	0°♐	
desc. node	-2192 Jan 05 j 16:08	3°♐02'43	
	-2192 Jan 23 j 23:47	0°♑	
morning set	-2192 Feb 02 j 22:24	17°♑23'54	
max. Earth dist.	-2192 Feb 06 j 22:32	24°♑59'03	1.35558 AU
	-2192 Feb 09 j 11:55	0°♒	
superior conj	-2192 Feb 12 j 01:37	5°♒09'38	-1°-25'-21
minimum elong	-2192 Feb 12 j 05:01	5°♒26'54	1°24'57
evening rise	-2192 Feb 19 j 22:38	21°♒21'21	
asc. node	-2192 Feb 21 j 10:39	24°♒24'19	
	-2192 Feb 24 j 06:38	0°♓	
evening max el	-2192 Mar 09 j 05:42	20°♓51'21	20°20'40
retrograde	-2192 Mar 19 j 21:41	25°♓56'51	
evening set	-2192 Mar 22 j 02:58	25°♓44'33	
inferior conj	-2192 Mar 31 j 02:24	21°♓46'22	0°42'26
minimum elong	-2192 Mar 31 j 04:17	21°♓43'35	0°41'47
min. Earth dist.	-2192 Apr 01 j 17:57	20°♓48'04	0.55379 AU
desc. node	-2192 Apr 02 j 15:12	20°♓17'27	
morning rise	-2192 Apr 09 j 03:18	17°♓25'51	
direct	-2192 Apr 12 j 19:27	16°♓56'25	
morning max el	-2192 Apr 26 j 08:42	23°♓35'40	23°28'07
	-2192 May 02 j 02:30	0°♈	
asc. node	-2192 May 19 j 10:04	29°♈47'36	
morning set	-2192 May 19 j 20:27	0°♉41'48	
	-2192 May 19 j 12:27	0°♉	
superior conj	-2192 May 26 j 23:52	15°♉58'24	1°11'59
minimum elong	-2192 May 26 j 21:21	15°♉44'51	1°11'38
max. Earth dist.	-2192 May 29 j 06:01	20°♉46'37	1.33670 AU
	-2192 Jun 02 j 17:03	0°♊	
evening rise	-2192 Jun 03 j 14:16	1°♊46'26	
	-2192 Jun 19 j 11:56	0°♋	
desc. node	-2192 Jun 29 j 14:23	14°♋14'51	
evening max el	-2192 Jul 07 j 09:51	22°♋57'49	27°22'53
	-2192 Jul 18 j 08:38	0°♌	
retrograde	-2192 Jul 20 j 23:47	0°♌20'08	
	-2192 Jul 23 j 12:43	30°℞♋	
evening set	-2192 Jul 28 j 02:50	27°♋37'12	
min. Earth dist.	-2192 Jul 31 j 18:46	24°♋16'47	0.64060 AU
inferior conj	-2192 Aug 03 j 05:37	21°♋41'14	-3°-31'-51
minimum elong	-2192 Aug 03 j 09:51	21°♋30'04	3°30'45
morning rise	-2192 Aug 09 j 18:44	16°♋17'04	
direct	-2192 Aug 12 j 09:16	15°♋42'44	
asc. node	-2192 Aug 15 j 09:18	16°♋28'25	
morning max el	-2192 Aug 18 j 21:54	19°♋09'22	17°59'27
	-2192 Aug 26 j 21:41	0°♌	
morning set	-2192 Sep 05 j 02:55	15°♌32'11	
	-2192 Sep 13 j 15:59	0°♍	
superior conj	-2192 Sep 18 j 01:19	7°♍13'38	0°47'32
minimum elong	-2192 Sep 18 j 06:09	7°♍33'22	0°46'56
max. Earth dist.	-2192 Sep 23 j 08:53	15°♍47'33	1.44212 AU
desc. node	-2192 Sep 25 j 13:48	19°♍17'37	
	-2192 Oct 02 j 10:02	0°♎	
evening rise	-2192 Oct 04 j 08:09	2°♎58'15	
	-2192 Oct 22 j 08:40	0°♏	
greatest brilliancy	-2192 Oct 25 j 06:20	4°♏01'26	-0.6m
evening max el	-2192 Oct 31 j 16:16	11°♏49'05	20°22'37
retrograde	-2192 Nov 08 j 14:23	16°♏29'01	
asc. node	-2192 Nov 11 j 08:25	15°♏45'25	
evening set	-2192 Nov 12 j 06:58	15°♏10'09	
inferior conj	-2192 Nov 17 j 18:46	9°♏02'02	2°05'05
minimum elong	-2192 Nov 17 j 16:14	9°♏10'35	2°04'08
min. Earth dist.	-2192 Nov 18 j 11:57	8°♏04'05	0.66904 AU
morning rise	-2192 Nov 23 j 00:57	2°♏46'06	
direct	-2192 Nov 28 j 15:35	0°♏19'15	
morning max el	-2192 Dec 10 j 02:40	7°♏09'10	24°43'20
desc. node	-2192 Dec 22 j 13:10	22°♏18'34	
	-2192 Dec 27 j 23:02	0°♐	
morning set	-2191 Jan 15 j 03:27	29°♐18'57	
	-2191 Jan 15 j 12:45	0°♑	
max. Earth dist.	-2191 Jan 18 j 21:06	6°♑01'39	1.37384 AU
superior conj	-2191 Jan 25 j 11:47	18°♑31'23	-1°-44'-7
minimum elong	-2191 Jan 25 j 15:01	18°♑47'06	1°43'54
	-2191 Jan 31 j 06:53	0°♒	
evening rise	-2191 Feb 03 j 00:15	5°♒26'53	
asc. node	-2191 Feb 07 j 07:42	13°♒52'20	
	-2191 Feb 17 j 09:15	0°♓	
evening max el	-2191 Feb 19 j 22:15	2°♓45'16	19°17'59
retrograde	-2191 Feb 28 j 22:26	7°♓03'26	
evening set	-2191 Mar 03 j 05:00	6°♓48'13	
inferior conj	-2191 Mar 11 j 11:44	2°♓39'13	2°21'22
minimum elong	-2191 Mar 11 j 16:24	2°♓31'25	2°20'03
min. Earth dist.	-2191 Mar 14 j 09:05	0°♓44'13	0.56542 AU
	-2191 Mar 15 j 13:21	30°℞♒	
morning rise	-2191 Mar 19 j 23:55	27°♒47'48	
desc. node	-2191 Mar 20 j 12:16	27°♒37'08	
direct	-2191 Mar 24 j 19:45	26°♒54'07	
	-2191 Apr 02 j 21:33	0°♓	
morning max el	-2191 Apr 07 j 23:32	4°♓08'15	25°06'23

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2191 Apr 26 j 09:11	0°♈	
morning set	-2191 May 04 j 08:35	15°♈42'42	
asc. node	-2191 May 06 j 07:07	19°♈49'48	
	-2191 May 10 j 23:36	0°♉	
superior conj	-2191 May 11 j 09:43	0°♉55'04	0°51'23
minimum elong	-2191 May 11 j 07:40	0°♉43'53	0°51'02
max. Earth dist.	-2191 May 12 j 13:57	3°♉28'22	1.32928 AU
evening rise	-2191 May 18 j 15:20	16°♉17'25	
	-2191 May 25 j 16:32	0°♊	
	-2191 Jun 14 j 10:07	0°♋	
desc. node	-2191 Jun 16 j 11:26	2°♋20'54	
evening max el	-2191 Jun 19 j 18:18	5°♋43'45	27°19'12
retrograde	-2191 Jul 03 j 14:39	13°♋04'23	
evening set	-2191 Jul 10 j 17:46	10°♋38'23	
min. Earth dist.	-2191 Jul 14 j 07:52	7°♋45'23	0.62312 AU
inferior conj	-2191 Jul 17 j 07:24	4°♋57'02	-4°-8'-23
minimum elong	-2191 Jul 17 j 11:00	4°♋48'32	4°07'47
	-2191 Jul 23 j 22:54	30°℞♊	
morning rise	-2191 Jul 24 j 06:43	29°♊52'26	
direct	-2191 Jul 26 j 18:40	29°♊24'34	
	-2191 Jul 29 j 13:12	0°♋	
asc. node	-2191 Aug 02 j 06:23	2°♋34'43	
morning max el	-2191 Aug 02 j 12:44	2°♋50'01	17°55'35
morning set	-2191 Aug 18 j 16:51	28°♋07'17	
	-2191 Aug 19 j 17:56	0°♌	
superior conj	-2191 Aug 29 j 19:31	17°♌42'20	1°21'00
minimum elong	-2191 Aug 30 j 00:39	18°♌04'16	1°20'32
max. Earth dist.	-2191 Sep 05 j 22:06	29°♌34'27	1.42935 AU
	-2191 Sep 06 j 04:22	0°♍	
desc. node	-2191 Sep 12 j 10:49	10°♍01'56	
evening rise	-2191 Sep 13 j 14:34	11°♍50'40	
	-2191 Sep 25 j 13:22	0°♎	
greatest brilliancy	-2191 Oct 09 j 14:11	19°♎31'34	-0.4m
evening max el	-2191 Oct 14 j 14:06	25°♎16'12	21°32'50
	-2191 Oct 20 j 21:16	0°♏	
retrograde	-2191 Oct 23 j 11:01	0°♏32'17	
	-2191 Oct 25 j 21:25	30°℞♎	
evening set	-2191 Oct 27 j 14:49	28°♎56'22	
asc. node	-2191 Oct 29 j 05:30	27°♎27'28	
inferior conj	-2191 Nov 02 j 00:25	22°♎40'02	1°16'40
minimum elong	-2191 Nov 01 j 22:43	22°♎45'52	1°15'58
min. Earth dist.	-2191 Nov 02 j 06:25	22°♎19'20	0.67376 AU
morning rise	-2191 Nov 07 j 06:19	16°♎23'49	
direct	-2191 Nov 12 j 05:34	14°♎18'07	
morning max el	-2191 Nov 22 j 11:50	20°♎25'02	23°16'37
greatest brilliancy	-2191 Nov 27 j 17:25	26°♎18'31	-0.3m
	-2191 Nov 30 j 15:41	0°♏	
desc. node	-2191 Dec 09 j 10:12	12°♏05'27	
	-2191 Dec 21 j 05:02	0°♐	
morning set	-2191 Dec 27 j 07:06	9°♐56'00	
max. Earth dist.	-2191 Dec 31 j 16:23	17°♐24'48	1.39460 AU
	-2190 Jan 07 j 17:05	0°♑	
superior conj	-2190 Jan 08 j 07:31	1°♑06'40	-1°-55'-56
minimum elong	-2190 Jan 08 j 09:13	1°♑14'35	1°55'56
evening rise	-2190 Jan 17 j 17:40	19°♑02'50	
	-2190 Jan 23 j 13:15	0°♒	
asc. node	-2190 Jan 25 j 04:45	2°♒54'53	
evening max el	-2190 Feb 03 j 00:01	15°♒12'17	18°35'02
retrograde	-2190 Feb 10 j 17:27	18°♒58'18	
evening set	-2190 Feb 13 j 03:50	18°♒37'12	
inferior conj	-2190 Feb 20 j 17:05	14°♒08'41	3°24'44
minimum elong	-2190 Feb 20 j 20:51	14°♒01'20	3°24'01
min. Earth dist.	-2190 Feb 24 j 02:30	11°♒31'43	0.58317 AU
morning rise	-2190 Feb 28 j 10:08	8°♒49'04	
direct	-2190 Mar 06 j 09:06	7°♒19'38	
desc. node	-2190 Mar 07 j 09:20	7°♒22'12	
morning max el	-2190 Mar 20 j 16:15	14°♒52'36	26°29'57
	-2190 Apr 01 j 19:55	0°♓	
	-2190 Apr 18 j 12:00	0°♈	
morning set	-2190 Apr 18 j 19:39	0°♈40'00	
asc. node	-2190 Apr 23 j 04:09	9°♈59'20	
superior conj	-2190 Apr 25 j 21:16	15°♈55'28	0°28'14
minimum elong	-2190 Apr 25 j 20:02	15°♈48'46	0°28'00
max. Earth dist.	-2190 Apr 26 j 02:24	16°♈23'35	1.32540 AU
	-2190 May 02 j 09:44	0°♉	
evening rise	-2190 May 02 j 22:05	1°♉04'32	
	-2190 May 18 j 18:52	0°♊	
evening max el	-2190 Jun 01 j 21:33	17°♊49'56	26°42'30
desc. node	-2190 Jun 03 j 08:29	19°♊09'57	
retrograde	-2190 Jun 15 j 21:43	25°♊07'17	
evening set	-2190 Jun 22 j 14:18	23°♊11'28	
min. Earth dist.	-2190 Jun 26 j 10:58	20°♊31'58	0.60318 AU
inferior conj	-2190 Jun 29 j 18:51	17°♊47'44	-4°-29'-6
minimum elong	-2190 Jun 29 j 20:14	17°♊44'52	4°29'00
morning rise	-2190 Jul 07 j 05:22	13°♊05'14	
direct	-2190 Jul 09 j 16:44	12°♊41'58	
morning max el	-2190 Jul 17 j 00:29	16°♊15'51	18°10'56
asc. node	-2190 Jul 20 j 03:27	19°♊48'35	
	-2190 Jul 26 j 16:31	0°♋	
morning set	-2190 Aug 01 j 22:44	11°♋29'01	
superior conj	-2190 Aug 11 j 16:00	29°♋29'22	1°40'36
minimum elong	-2190 Aug 11 j 19:02	29°♋43'01	1°40'28
	-2190 Aug 11 j 22:49	0°♌	
max. Earth dist.	-2190 Aug 19 j 06:09	12°♌44'32	1.41194 AU
evening rise	-2190 Aug 24 j 12:10	21°♌26'38	
	-2190 Aug 29 j 21:16	0°♍	
desc. node	-2190 Aug 30 j 07:50	0°♍41'08	
	-2190 Sep 19 j 18:10	0°♎	
greatest brilliancy	-2190 Sep 22 j 06:22	3°♎07'48	-0.3m
evening max el	-2190 Sep 27 j 06:19	8°♎43'40	22°50'57
retrograde	-2190 Oct 07 j 05:21	14°♎38'08	
evening set	-2190 Oct 11 j 22:21	12°♎43'26	
asc. node	-2190 Oct 16 j 02:34	8°♎00'25	
inferior conj	-2190 Oct 17 j 07:13	6°♎22'19	0°24'38
minimum elong	-2190 Oct 17 j 06:38	6°♎24'19	0°24'23
min. Earth dist.	-2190 Oct 17 j 02:46	6°♎37'41	0.67533 AU
morning rise	-2190 Oct 22 j 14:53	0°♎08'30	
	-2190 Oct 22 j 19:13	30°℞♍	
direct	-2190 Oct 26 j 23:21	28°♍25'11	
	-2190 Oct 31 j 13:38	0°♎	
morning max el	-2190 Nov 05 j 01:07	3°♎46'48	21°51'25
greatest brilliancy	-2190 Nov 09 j 21:46	9°♎18'23	-0.4m
	-2190 Nov 24 j 19:17	0°♏	
desc. node	-2190 Nov 26 j 07:14	2°♏14'07	
morning set	-2190 Dec 07 j 05:37	19°♏08'39	
max. Earth dist.	-2190 Dec 13 j 16:02	29°♏37'38	1.41509 AU
	-2190 Dec 13 j 21:25	0°♐	
superior conj	-2190 Dec 21 j 07:26	12°♐41'21	-1°-57'-9
minimum elong	-2190 Dec 21 j 05:53	12°♐34'33	1°57'10
	-2190 Dec 30 j 21:18	0°♑	
evening rise	-2190 Dec 31 j 23:33	2°♑01'07	
asc. node	-2189 Jan 12 j 01:47	21°♑23'16	
evening max el	-2189 Jan 17 j 08:10	28°♑03'55	18°12'08
	-2189 Jan 19 j 16:01	0°♒	
retrograde	-2189 Jan 24 j 06:29	1°♒33'47	
evening set	-2189 Jan 26 j 20:19	1°♒05'30	
	-2189 Jan 29 j 01:28	30°℞♑	
inferior conj	-2189 Feb 02 j 18:37	26°♑15'04	3°53'34

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2189 Feb 02 j 19:53	26°♑12'12	3°53'27
min. Earth dist.	-2189 Feb 06 j 01:15	23°♑18'44	0.60351 AU
morning rise	-2189 Feb 09 j 16:31	20°♑34'45	
direct	-2189 Feb 16 j 09:52	18°♑27'45	
desc. node	-2189 Feb 22 j 06:24	19°♑56'00	
morning max el	-2189 Mar 02 j 14:53	26°♑10'59	27°25'21
	-2189 Mar 06 j 05:10	0°♒	
	-2189 Mar 26 j 05:48	0°♓	
morning set	-2189 Apr 03 j 03:53	15°♓27'16	
max. Earth dist.	-2189 Apr 09 j 15:31	29°♓19'04	1.32490 AU
	-2189 Apr 09 j 23:00	0°♈	
superior conj	-2189 Apr 10 j 08:49	0°♈53'40	0°03'22
minimum elong	-2189 Apr 10 j 08:40	0°♈52'51	0°03'20
behind sun begin	-2189 Apr 10 j 03:44	0°♈25'52	
behind sun end	-2189 Apr 10 j 13:36	1°♈19'50	
asc. node	-2189 Apr 10 j 01:11	0°♈11'53	
evening rise	-2189 Apr 17 j 08:14	15°♈59'46	
	-2189 Apr 24 j 08:48	0°♉	
evening max el	-2189 May 14 j 18:05	29°♉12'15	25°35'41
	-2189 May 15 j 14:32	0°♊	
desc. node	-2189 May 21 j 05:30	4°♊11'23	
retrograde	-2189 May 28 j 19:34	6°♊24'36	
evening set	-2189 Jun 03 j 12:57	5°♊06'56	
min. Earth dist.	-2189 Jun 08 j 06:13	2°♊23'15	0.58281 AU
inferior conj	-2189 Jun 11 j 12:26	0°♊04'04	-4°-24'-30
minimum elong	-2189 Jun 11 j 10:03	0°♊08'22	4°24'18
	-2189 Jun 11 j 14:43	30°℞♉	
morning rise	-2189 Jun 19 j 11:03	25°♉44'07	
direct	-2189 Jun 21 j 23:01	25°♉24'23	
morning max el	-2189 Jun 30 j 06:17	29°♉18'56	18°46'25
	-2189 Jun 30 j 23:05	0°♊	
asc. node	-2189 Jul 07 j 00:30	7°♊55'42	
morning set	-2189 Jul 16 j 16:07	25°♊26'03	
	-2189 Jul 19 j 00:10	0°♋	
superior conj	-2189 Jul 25 j 09:28	12°♋20'25	1°48'08
minimum elong	-2189 Jul 25 j 10:05	12°♋23'20	1°48'10
max. Earth dist.	-2189 Aug 01 j 09:21	25°♋10'36	1.39226 AU
	-2189 Aug 04 j 03:28	0°♌	
evening rise	-2189 Aug 05 j 10:41	2°♌13'54	
desc. node	-2189 Aug 17 j 04:51	21°♌11'22	
	-2189 Aug 23 j 03:34	0°♍	
evening max el	-2189 Sep 09 j 18:39	22°♍13'35	24°11'15
retrograde	-2189 Sep 20 j 20:21	28°♍43'52	
evening set	-2189 Sep 26 j 03:53	26°♍30'08	
min. Earth dist.	-2189 Sep 30 j 22:42	20°♍57'55	0.67380 AU
inferior conj	-2189 Oct 01 j 13:29	20°♍07'57	0°-29'-21
minimum elong	-2189 Oct 01 j 14:11	20°♍05'34	0°29'03
asc. node	-2189 Oct 02 j 23:37	18°♍14'26	
morning rise	-2189 Oct 07 j 00:45	13°♍59'16	
direct	-2189 Oct 10 j 20:00	12°♍36'48	
morning max el	-2189 Oct 18 j 21:11	17°♍18'06	20°34'38
greatest brilliancy	-2189 Oct 25 j 02:53	24°♍44'14	-0.5m
	-2189 Oct 28 j 23:01	0°♎	
desc. node	-2189 Nov 13 j 04:16	22°♎38'38	
morning set	-2189 Nov 16 j 06:16	27°♎24'20	
	-2189 Nov 17 j 22:16	0°♏	
max. Earth dist.	-2189 Nov 25 j 22:52	12°♏43'39	1.43238 AU
superior conj	-2189 Dec 02 j 06:12	23°♏03'42	-1°-43'-36
minimum elong	-2189 Dec 02 j 00:25	22°♏39'39	1°43'14
	-2189 Dec 06 j 09:03	0°♐	
evening rise	-2189 Dec 14 j 13:59	14°♐14'18	
	-2189 Dec 23 j 16:50	0°♑	
asc. node	-2189 Dec 29 j 22:49	9°♑07'35	
evening max el	-2189 Dec 31 j 19:52	11°♑12'51	18°08'52

retrograde	-2188 Jan 07 j 09:27	14°♑40'07	
evening set	-2188 Jan 10 j 02:42	14°♑03'45	
inferior conj	-2188 Jan 16 j 13:11	8°♑52'05	3°55'48
minimum elong	-2188 Jan 16 j 12:10	8°♑54'41	3°55'42
min. Earth dist.	-2188 Jan 19 j 08:27	5°♑59'51	0.62343 AU
morning rise	-2188 Jan 22 j 19:32	2°♑57'55	
direct	-2188 Jan 29 j 20:09	0°♑22'03	
desc. node	-2188 Feb 09 j 03:27	4°♑52'56	
morning max el	-2188 Feb 12 j 19:32	8°♑10'18	27°44'55
	-2188 Feb 29 j 15:01	0°♒	
morning set	-2188 Mar 17 j 07:07	29°♒56'33	
	-2188 Mar 17 j 07:48	0°♓	
max. Earth dist.	-2188 Mar 23 j 01:13	11°♓59'26	1.32804 AU
superior conj	-2188 Mar 24 j 18:42	15°♓43'19	0°-22'-25
minimum elong	-2188 Mar 24 j 19:44	15°♓48'55	0°22'13
asc. node	-2188 Mar 26 j 22:11	20°♓22'51	
	-2188 Mar 31 j 09:20	0°♈	
evening rise	-2188 Mar 31 j 19:51	0°♈55'33	
	-2188 Apr 17 j 00:29	0°♉	
evening max el	-2188 Apr 25 j 09:45	10°♉00'24	24°08'01
desc. node	-2188 May 07 j 02:32	16°♉47'39	
retrograde	-2188 May 09 j 06:07	16°♉58'14	
evening set	-2188 May 13 j 14:42	16°♉15'52	
min. Earth dist.	-2188 May 19 j 21:13	13°♉12'31	0.56513 AU
inferior conj	-2188 May 22 j 09:52	11°♉38'00	-3°-43'-13
minimum elong	-2188 May 22 j 03:54	11°♉47'21	3°41'59
morning rise	-2188 May 30 j 21:03	7°♉36'01	
direct	-2188 Jun 02 j 10:06	7°♉18'55	
morning max el	-2188 Jun 12 j 03:19	11°♉49'01	19°42'33
asc. node	-2188 Jun 22 j 21:32	26°♉43'04	
	-2188 Jun 24 j 16:48	0°♊	
morning set	-2188 Jun 29 j 17:35	9°♊48'44	
superior conj	-2188 Jul 07 j 18:15	25°♊58'35	1°46'10
minimum elong	-2188 Jul 07 j 17:02	25°♊52'34	1°46'10
	-2188 Jul 09 j 19:26	0°♋	
max. Earth dist.	-2188 Jul 13 j 12:04	7°♋03'24	1.37294 AU
evening rise	-2188 Jul 17 j 09:45	14°♋12'59	
	-2188 Jul 26 j 16:16	0°♌	
desc. node	-2188 Aug 03 j 01:52	11°♌26'48	
	-2188 Aug 16 j 21:55	0°♍	
evening max el	-2188 Aug 22 j 05:37	5°♍46'28	25°26'42
retrograde	-2188 Sep 03 j 07:06	12°♍44'11	
evening set	-2188 Sep 09 j 05:34	10°♍13'35	
min. Earth dist.	-2188 Sep 13 j 15:47	5°♍17'22	0.66904 AU
inferior conj	-2188 Sep 14 j 17:27	3°♍54'09	-1°-23'-46
minimum elong	-2188 Sep 14 j 19:29	3°♍47'34	1°22'56
	-2188 Sep 17 j 23:04	30°℞♌	
asc. node	-2188 Sep 18 j 20:40	29°♌06'49	
morning rise	-2188 Sep 20 j 10:00	27°♌53'37	
direct	-2188 Sep 23 j 18:10	26°♌49'00	
	-2188 Sep 30 j 00:41	0°♍	
morning max el	-2188 Oct 01 j 00:38	0°♍58'09	19°30'40
greatest brilliancy	-2188 Oct 10 j 00:21	12°♍31'04	-0.7m
	-2188 Oct 21 j 13:07	0°♎	
morning set	-2188 Oct 25 j 06:33	5°♎46'52	
desc. node	-2188 Oct 30 j 01:19	13°♎13'55	
max. Earth dist.	-2188 Nov 07 j 12:11	26°♎31'02	1.44417 AU
	-2188 Nov 09 j 16:49	0°♏	
superior conj	-2188 Nov 11 j 02:01	2°♏12'31	-1°-12'-33
minimum elong	-2188 Nov 10 j 18:28	1°♏42'20	1°11'46
evening rise	-2188 Nov 25 j 08:27	25°♏33'43	
	-2188 Nov 28 j 00:03	0°♐	
evening max el	-2188 Dec 14 j 08:24	24°♐33'03	18°24'29
asc. node	-2188 Dec 15 j 19:50	25°♐55'23	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

retrograde	-2188 Dec 20 j 21:52	28°♐08'52	
evening set	-2188 Dec 23 j 19:29	27°♐23'05	
inferior conj	-2188 Dec 29 j 20:53	21°♐52'06	3°39'14
minimum elong	-2188 Dec 29 j 18:28	21°♐59'03	3°38'49
min. Earth dist.	-2187 Jan 01 j 01:25	19°♐22'13	0.64086 AU
morning rise	-2187 Jan 04 j 16:00	15°♐48'36	
direct	-2187 Jan 11 j 14:15	12°♐58'42	
morning max el	-2187 Jan 25 j 03:59	20°♐44'54	27°28'24
desc. node	-2187 Jan 26 j 00:31	21°♐36'53	
	-2187 Feb 02 j 05:05	0°♑	
	-2187 Feb 21 j 16:01	0°♒	
morning set	-2187 Mar 01 j 02:46	13°♒59'14	
max. Earth dist.	-2187 Mar 06 j 03:37	24°♒12'19	1.33526 AU
	-2187 Mar 08 j 21:40	0°♓	
superior conj	-2187 Mar 09 j 01:10	0°♓18'36	0°-48'-7
minimum elong	-2187 Mar 09 j 03:21	0°♓30'15	0°47'44
asc. node	-2187 Mar 13 j 19:12	10°♓28'18	
evening rise	-2187 Mar 16 j 07:10	15°♓45'54	
	-2187 Mar 23 j 11:38	0°♈	
evening max el	-2187 Apr 07 j 02:22	20°♈40'07	22°33'21
retrograde	-2187 Apr 20 j 03:48	27°♈04'38	
evening set	-2187 Apr 23 j 05:36	26°♈43'55	
desc. node	-2187 Apr 23 j 23:33	26°♈32'54	
min. Earth dist.	-2187 May 01 j 10:57	23°♈09'17	0.55370 AU
inferior conj	-2187 May 02 j 13:19	22°♈31'40	-2°-19'-16
minimum elong	-2187 May 02 j 07:29	22°♈40'00	2°17'28
morning rise	-2187 May 11 j 11:35	18°♈36'06	
direct	-2187 May 14 j 04:27	18°♈19'13	
morning max el	-2187 May 25 j 13:35	23°♈38'08	20°58'36
	-2187 May 31 j 03:17	0°♉	
asc. node	-2187 Jun 09 j 18:36	16°♉00'52	
morning set	-2187 Jun 14 j 00:34	24°♉30'14	
	-2187 Jun 16 j 16:15	0°♊	
superior conj	-2187 Jun 21 j 13:54	10°♊10'53	1°36'58
minimum elong	-2187 Jun 21 j 11:39	9°♊59'17	1°36'50
max. Earth dist.	-2187 Jun 25 j 21:06	18°♊51'51	1.35608 AU
evening rise	-2187 Jun 30 j 04:48	27°♊12'11	
	-2187 Jul 01 j 16:50	0°♋	
	-2187 Jul 20 j 00:13	0°♌	
desc. node	-2187 Jul 20 j 22:51	1°♌20'46	
evening max el	-2187 Aug 04 j 17:03	19°♌19'46	26°29'15
retrograde	-2187 Aug 17 j 12:54	26°♌33'34	
evening set	-2187 Aug 24 j 01:18	23°♌51'05	
min. Earth dist.	-2187 Aug 28 j 03:36	19°♌32'50	0.66090 AU
inferior conj	-2187 Aug 29 j 17:15	17°♌38'15	-2°-16'-49
minimum elong	-2187 Aug 29 j 20:29	17°♌28'24	2°15'38
morning rise	-2187 Sep 04 j 16:39	11°♌49'06	
asc. node	-2187 Sep 05 j 17:46	11°♌19'59	
direct	-2187 Sep 07 j 16:08	10°♌58'46	
morning max el	-2187 Sep 14 j 10:20	14°♌44'34	18°41'58
	-2187 Sep 25 j 13:37	0°♍	
morning set	-2187 Oct 05 j 03:51	15°♍14'53	
	-2187 Oct 14 j 10:36	0°♎	
desc. node	-2187 Oct 16 j 22:19	3°♎55'39	
superior conj	-2187 Oct 21 j 03:33	10°♎34'16	0°-26'-56
minimum elong	-2187 Oct 20 j 23:59	10°♎20'17	0°26'30
max. Earth dist.	-2187 Oct 21 j 05:45	10°♎42'59	1.44914 AU
	-2187 Nov 02 j 10:44	0°♏	
evening rise	-2187 Nov 06 j 03:05	5°♏52'01	
	-2187 Nov 21 j 12:44	0°♐	
evening max el	-2187 Nov 27 j 19:12	7°♐58'26	18°57'54
asc. node	-2187 Dec 02 j 16:54	11°♐31'07	
retrograde	-2187 Dec 04 j 16:03	11°♐52'32	
evening set	-2187 Dec 07 j 19:32	10°♐55'32	
inferior conj	-2187 Dec 13 j 14:09	5°♐07'37	3°09'34
minimum elong	-2187 Dec 13 j 11:11	5°♐16'51	3°08'46
min. Earth dist.	-2187 Dec 15 j 03:47	3°♐10'52	0.65477 AU
	-2187 Dec 17 j 23:18	30°℞♏	
morning rise	-2187 Dec 19 j 01:52	28°♏57'37	
direct	-2187 Dec 25 j 14:43	26°♏08'34	
	-2186 Jan 03 j 10:28	0°♐	
morning max el	-2186 Jan 07 j 13:31	3°♐42'25	26°40'51
desc. node	-2186 Jan 12 j 21:36	9°♐36'18	
	-2186 Jan 27 j 14:03	0°♑	
morning set	-2186 Feb 12 j 11:18	27°♑23'24	
	-2186 Feb 13 j 20:01	0°♒	
max. Earth dist.	-2186 Feb 16 j 19:21	5°♒49'58	1.34693 AU
superior conj	-2186 Feb 21 j 02:00	14°♒31'49	-1°-12'-32
minimum elong	-2186 Feb 21 j 05:06	14°♒47'54	1°12'05
	-2186 Feb 28 j 11:44	0°♓	
evening rise	-2186 Feb 28 j 16:22	0°♓23'56	
asc. node	-2186 Feb 28 j 16:14	0°♓23'14	
	-2186 Mar 18 j 11:43	0°♈	
evening max el	-2186 Mar 20 j 02:06	1°♈37'48	21°04'55
retrograde	-2186 Mar 31 j 17:06	7°♈13'05	
evening set	-2186 Apr 03 j 01:54	7°♈00'03	
desc. node	-2186 Apr 10 j 20:37	3°♈51'37	
inferior conj	-2186 Apr 12 j 08:04	3°♈01'52	0°-24'-58
minimum elong	-2186 Apr 12 j 06:53	3°♈03'32	0°24'33
min. Earth dist.	-2186 Apr 13 j 00:31	2°♈38'36	0.55107 AU
	-2186 Apr 18 j 04:43	30°℞♓	
morning rise	-2186 Apr 21 j 11:12	28°♓55'47	
direct	-2186 Apr 24 j 15:51	28°♓33'37	
	-2186 Apr 30 j 19:54	0°♈	
morning max el	-2186 May 07 j 13:10	4°♈45'06	22°30'58
	-2186 May 24 j 19:00	0°♉	
asc. node	-2186 May 27 j 15:39	5°♉40'55	
morning set	-2186 May 29 j 10:59	9°♉24'12	
superior conj	-2186 Jun 05 j 17:03	24°♉46'52	1°22'20
minimum elong	-2186 Jun 05 j 14:27	24°♉33'07	1°22'03
	-2186 Jun 08 j 04:43	0°♊	
max. Earth dist.	-2186 Jun 08 j 15:56	0°♊58'09	1.34268 AU
evening rise	-2186 Jun 13 j 14:42	10°♊56'48	
	-2186 Jun 24 j 01:53	0°♋	
desc. node	-2186 Jul 07 j 19:50	20°♋44'10	
	-2186 Jul 15 j 12:06	0°♌	
evening max el	-2186 Jul 18 j 04:47	2°♌44'47	27°11'03
retrograde	-2186 Jul 31 j 13:13	10°♌05'12	
evening set	-2186 Aug 07 j 12:34	7°♌19'14	
min. Earth dist.	-2186 Aug 11 j 07:47	3°♌38'52	0.64908 AU
inferior conj	-2186 Aug 13 j 10:41	1°♌16'29	-3°-6'-14
minimum elong	-2186 Aug 13 j 14:45	1°♌05'06	3°05'00
	-2186 Aug 14 j 14:21	30°℞♋	
morning rise	-2186 Aug 19 j 18:24	25°♋42'13	
direct	-2186 Aug 22 j 11:38	25°♋02'48	
asc. node	-2186 Aug 23 j 14:52	25°♋09'42	
morning max el	-2186 Aug 29 j 00:11	28°♋33'45	18°09'59
	-2186 Aug 30 j 08:07	0°♌	
morning set	-2186 Sep 16 j 05:18	26°♌05'46	
	-2186 Sep 18 j 13:36	0°♍	
superior conj	-2186 Sep 30 j 07:53	19°♍09'27	0°22'22
minimum elong	-2186 Sep 30 j 10:35	19°♍20'14	0°22'00
desc. node	-2186 Oct 03 j 19:19	24°♍41'03	
max. Earth dist.	-2186 Oct 04 j 00:28	25°♍01'24	1.44676 AU
	-2186 Oct 07 j 04:14	0°♎	
evening rise	-2186 Oct 16 j 22:33	15°♎13'35	
	-2186 Oct 26 j 12:35	0°♏	
greatest brilliancy	-2186 Nov 03 j 08:04	11°♏36'40	-0.6m

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening max el	-2186 Nov 11 j 02:02	21°♏25'44	19°47'30
retrograde	-2186 Nov 18 j 13:02	25°♏46'42	
asc. node	-2186 Nov 19 j 13:59	25°♏40'29	
evening set	-2186 Nov 22 j 00:18	24°♏36'19	
inferior conj	-2186 Nov 27 j 14:05	18°♏34'28	2°30'38
minimum elong	-2186 Nov 27 j 11:15	18°♏43'50	2°29'39
min. Earth dist.	-2186 Nov 28 j 14:11	17°♏15'05	0.66491 AU
morning rise	-2186 Dec 02 j 21:32	12°♏20'09	
direct	-2186 Dec 08 j 20:48	9°♏43'17	
morning max el	-2186 Dec 20 j 22:34	16°♏52'26	25°30'24
desc. node	-2186 Dec 30 j 18:40	28°♏29'08	
	-2186 Dec 31 j 21:57	0°♐	
	-2185 Jan 20 j 12:42	0°♑	
morning set	-2185 Jan 26 j 04:03	9°♑55'37	
max. Earth dist.	-2185 Jan 29 j 23:44	17°♑00'23	1.36302 AU
superior conj	-2185 Feb 04 j 18:30	28°♑15'08	-1°-33'-58
minimum elong	-2185 Feb 04 j 21:57	28°♑32'23	1°33'38
	-2185 Feb 05 j 15:28	0°♒	
evening rise	-2185 Feb 12 j 21:26	14°♒43'33	
asc. node	-2185 Feb 15 j 13:16	20°♒02'52	
	-2185 Feb 20 j 21:25	0°♓	
evening max el	-2185 Mar 02 j 12:20	13°♓09'41	19°51'31
retrograde	-2185 Mar 12 j 10:32	17°♓53'43	
evening set	-2185 Mar 14 j 15:49	17°♓40'33	
inferior conj	-2185 Mar 23 j 08:31	13°♓38'52	1°28'18
minimum elong	-2185 Mar 23 j 12:05	13°♓33'20	1°27'08
min. Earth dist.	-2185 Mar 25 j 14:37	12°♓15'36	0.55783 AU
desc. node	-2185 Mar 28 j 17:43	10°♓30'37	
morning rise	-2185 Apr 01 j 05:17	9°♓05'55	
direct	-2185 Apr 05 j 08:32	8°♓28'05	
morning max el	-2185 Apr 19 j 05:38	15°♓23'31	24°10'55
	-2185 Apr 30 j 18:59	0°♈	
morning set	-2185 May 13 j 22:57	24°♈24'23	
asc. node	-2185 May 14 j 12:41	25°♈36'40	
	-2185 May 16 j 14:04	0°♉	
superior conj	-2185 May 21 j 01:02	9°♉38'02	1°03'36
minimum elong	-2185 May 20 j 22:39	9°♉25'11	1°03'14
max. Earth dist.	-2185 May 22 j 19:51	13°♉28'19	1.33306 AU
evening rise	-2185 May 28 j 11:10	25°♉13'43	
	-2185 May 30 j 20:48	0°♊	
	-2185 Jun 17 j 13:55	0°♋	
desc. node	-2185 Jun 24 j 16:53	9°♋23'33	
evening max el	-2185 Jun 30 j 14:59	15°♋48'03	27°25'20
retrograde	-2185 Jul 14 j 07:39	23°♋09'39	
evening set	-2185 Jul 21 j 12:03	20°♋31'59	
min. Earth dist.	-2185 Jul 25 j 02:26	17°♋24'56	0.63353 AU
inferior conj	-2185 Jul 27 j 19:02	14°♋42'14	-3°-48'-50
minimum elong	-2185 Jul 27 j 23:10	14°♋31'49	3°47'55
morning rise	-2185 Aug 03 j 12:22	9°♋26'15	
direct	-2185 Aug 06 j 01:38	8°♋54'51	
asc. node	-2185 Aug 10 j 11:57	10°♋29'59	
morning max el	-2185 Aug 12 j 15:30	12°♋19'34	17°55'38
	-2185 Aug 24 j 15:47	0°♌	
morning set	-2185 Aug 29 j 07:32	8°♌07'13	
superior conj	-2185 Sep 10 j 10:09	28°♌51'04	1°03'26
minimum elong	-2185 Sep 10 j 15:34	29°♌13'35	1°02'50
	-2185 Sep 11 j 02:47	0°♍	
max. Earth dist.	-2185 Sep 16 j 16:35	9°♍05'22	1.43738 AU
desc. node	-2185 Sep 20 j 16:19	15°♍26'36	
evening rise	-2185 Sep 26 j 04:29	24°♍02'49	
	-2185 Sep 30 j 01:29	0°♎	
greatest brilliancy	-2185 Oct 19 j 10:26	28°♎07'29	-0.5m
	-2185 Oct 20 j 21:37	0°♏	
evening max el	-2185 Oct 25 j 03:14	4°♏52'31	20°51'05
retrograde	-2185 Nov 02 j 10:27	9°♏47'28	
evening set	-2185 Nov 06 j 07:35	8°♏21'27	
asc. node	-2185 Nov 06 j 11:04	8°♏14'50	
inferior conj	-2185 Nov 11 j 18:14	2°♏09'06	1°45'05
minimum elong	-2185 Nov 11 j 16:01	2°♏16'41	1°44'12
min. Earth dist.	-2185 Nov 12 j 06:26	1°♏27'27	0.67148 AU
	-2185 Nov 13 j 08:26	30°℞♎	
morning rise	-2185 Nov 17 j 00:03	25°♎52'45	
direct	-2185 Nov 22 j 08:01	23°♎34'52	
	-2185 Dec 03 j 04:20	0°♏	
morning max el	-2185 Dec 03 j 07:16	0°♏07'23	24°06'46
desc. node	-2185 Dec 17 j 15:43	17°♏59'31	
	-2185 Dec 25 j 19:49	0°♐	
morning set	-2184 Jan 07 j 23:05	21°♐19'41	
max. Earth dist.	-2184 Jan 11 j 20:16	28°♐08'51	1.38254 AU
	-2184 Jan 12 j 21:00	0°♑	
superior conj	-2184 Jan 18 j 23:05	11°♑18'36	-1°-50'-10
minimum elong	-2184 Jan 19 j 01:52	11°♑31'53	1°50'03
evening rise	-2184 Jan 27 j 19:56	28°♑37'51	
	-2184 Jan 28 j 12:41	0°♒	
asc. node	-2184 Feb 02 j 10:19	9°♒21'21	
evening max el	-2184 Feb 13 j 09:02	25°♒18'34	18°57'12
retrograde	-2184 Feb 21 j 19:01	29°♒21'33	
evening set	-2184 Feb 24 j 02:59	29°♒04'11	
inferior conj	-2184 Mar 03 j 02:04	24°♒47'21	2°52'52
minimum elong	-2184 Mar 03 j 06:43	24°♒39'05	2°51'43
min. Earth dist.	-2184 Mar 06 j 06:34	22°♒32'04	0.57237 AU
morning rise	-2184 Mar 11 j 06:26	19°♒42'46	
desc. node	-2184 Mar 14 j 14:47	18°♒44'32	
direct	-2184 Mar 16 j 14:10	18°♒35'05	
morning max el	-2184 Mar 30 j 20:53	25°♒59'15	25°44'45
	-2184 Apr 03 j 15:39	0°♓	
	-2184 Apr 22 j 19:28	0°♈	
morning set	-2184 Apr 27 j 10:51	9°♈25'16	
asc. node	-2184 Apr 30 j 09:43	15°♈43'07	
superior conj	-2184 May 04 j 11:50	24°♈37'43	0°41'50
minimum elong	-2184 May 04 j 10:05	24°♈28'14	0°41'30
max. Earth dist.	-2184 May 05 j 06:07	26°♈17'35	1.32713 AU
	-2184 May 06 j 23:03	0°♉	
evening rise	-2184 May 11 j 14:56	9°♉52'58	
	-2184 May 22 j 04:34	0°♊	
desc. node	-2184 Jun 10 j 13:55	27°♊00'27	
evening max el	-2184 Jun 11 j 21:14	28°♊17'35	27°07'35
	-2184 Jun 13 j 18:25	0°♋	
retrograde	-2184 Jun 25 j 19:31	5°♋37'46	
evening set	-2184 Jul 02 j 19:44	3°♋22'44	
min. Earth dist.	-2184 Jul 06 j 11:02	0°♋37'46	0.61480 AU
	-2184 Jul 07 j 04:26	30°℞♊	
inferior conj	-2184 Jul 09 j 15:07	27°♊48'25	-4°-19'-39
minimum elong	-2184 Jul 09 j 18:00	27°♊41'58	4°19'16
morning rise	-2184 Jul 16 j 19:08	22°♊53'22	
direct	-2184 Jul 19 j 06:34	22°♊27'45	
morning max el	-2184 Jul 26 j 05:26	25°♊55'25	17°59'47
asc. node	-2184 Jul 27 j 09:00	27°♊07'05	
	-2184 Jul 29 j 17:10	0°♋	
morning set	-2184 Aug 11 j 04:49	21°♋03'30	
	-2184 Aug 16 j 02:21	0°♌	
superior conj	-2184 Aug 21 j 16:03	9°♌54'48	1°30'56
minimum elong	-2184 Aug 21 j 20:26	10°♌13'58	1°30'36
max. Earth dist.	-2184 Aug 29 j 03:15	22°♌36'26	1.42233 AU
	-2184 Sep 02 j 16:09	0°♍	
evening rise	-2184 Sep 04 j 15:20	3°♍08'05	
desc. node	-2184 Sep 06 j 13:19	6°♍09'11	
	-2184 Sep 22 j 12:09	0°♎	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

greatest brilliancy	-2184 Oct 02 j 04:17	12°♎56'24	-0.3m
evening max el	-2184 Oct 06 j 22:24	18°♎19'13	22°05'20
retrograde	-2184 Oct 16 j 06:25	23°♎52'17	
evening set	-2184 Oct 20 j 15:31	22°♎08'36	
asc. node	-2184 Oct 23 j 08:09	19°♎23'22	
inferior conj	-2184 Oct 26 j 00:36	15°♎49'33	0°54'57
minimum elong	-2184 Oct 25 j 23:22	15°♎53'52	0°54'25
min. Earth dist.	-2184 Oct 26 j 02:06	15°♎44'22	0.67478 AU
morning rise	-2184 Oct 31 j 07:00	9°♎33'46	
direct	-2184 Nov 04 j 23:44	7°♎37'41	
morning max el	-2184 Nov 14 j 17:50	13°♎25'49	22°39'39
greatest brilliancy	-2184 Nov 19 j 10:25	18°♎41'46	-0.3m
	-2184 Nov 28 j 00:03	0°♏	
desc. node	-2184 Dec 03 j 12:45	7°♏56'44	
	-2184 Dec 17 j 18:36	0°♐	
morning set	-2184 Dec 18 j 14:27	1°♐21'00	
max. Earth dist.	-2184 Dec 23 j 16:13	9°♐49'18	1.40349 AU
superior conj	-2184 Dec 31 j 11:05	23°♐29'58	-1°-57'-59
minimum elong	-2184 Dec 31 j 11:37	23°♐32'25	1°58'03
	-2183 Jan 04 j 00:07	0°♑	
evening rise	-2183 Jan 10 j 08:55	11°♑59'00	
asc. node	-2183 Jan 19 j 07:22	28°♑10'54	
	-2183 Jan 20 j 10:31	0°♒	
evening max el	-2183 Jan 26 j 13:54	7°♒57'36	18°22'52
retrograde	-2183 Feb 02 j 21:56	11°♒34'52	
evening set	-2183 Feb 05 j 09:43	11°♒10'58	
inferior conj	-2183 Feb 12 j 16:17	6°♒33'33	3°40'43
minimum elong	-2183 Feb 12 j 19:03	6°♒27'48	3°40'20
min. Earth dist.	-2183 Feb 16 j 02:11	3°♒44'59	0.59168 AU
morning rise	-2183 Feb 20 j 00:52	1°♒03'59	
	-2183 Feb 22 j 09:24	30°℞♑	
direct	-2183 Feb 26 j 09:02	29°♑17'45	
desc. node	-2183 Mar 01 j 11:52	29°♑42'39	
	-2183 Mar 02 j 10:57	0°♒	
morning max el	-2183 Mar 12 j 15:53	6°♒56'46	26°57'31
	-2183 Mar 29 j 22:09	0°♓	
morning set	-2183 Apr 11 j 20:55	24°♓19'16	
	-2183 Apr 14 j 13:17	0°♈	
asc. node	-2183 Apr 17 j 06:44	5°♈54'43	
superior conj	-2183 Apr 18 j 23:34	9°♈38'19	0°17'52
minimum elong	-2183 Apr 18 j 22:47	9°♈33'59	0°17'41
max. Earth dist.	-2183 Apr 18 j 19:06	9°♈13'49	1.32472 AU
evening rise	-2183 Apr 25 j 23:22	24°♈44'35	
	-2183 Apr 28 j 12:38	0°♉	
	-2183 May 16 j 05:12	0°♊	
evening max el	-2183 May 24 j 21:35	10°♊04'48	26°17'24
desc. node	-2183 May 28 j 10:56	13°♊08'02	
retrograde	-2183 Jun 07 j 23:14	17°♊21'06	
evening set	-2183 Jun 14 j 07:12	15°♊41'14	
min. Earth dist.	-2183 Jun 18 j 10:39	13°♊01'48	0.59436 AU
inferior conj	-2183 Jun 21 j 19:20	10°♊25'31	-4°-30'-58
minimum elong	-2183 Jun 21 j 19:16	10°♊25'40	4°30'56
morning rise	-2183 Jun 29 j 10:54	5°♊52'43	
direct	-2183 Jul 01 j 22:15	5°♊31'10	
morning max el	-2183 Jul 09 j 15:00	9°♊12'40	18°23'31
asc. node	-2183 Jul 14 j 06:02	14°♊45'09	
	-2183 Jul 23 j 04:46	0°♋	
morning set	-2183 Jul 25 j 16:01	4°♋41'08	
superior conj	-2183 Aug 03 j 22:06	22°♋10'38	1°45'07
minimum elong	-2183 Aug 04 j 00:04	22°♋19'42	1°45'05
	-2183 Aug 08 j 05:57	0°♌	
max. Earth dist.	-2183 Aug 11 j 08:20	5°♌25'16	1.40365 AU
evening rise	-2183 Aug 15 j 23:00	13°♌12'48	
desc. node	-2183 Aug 24 j 10:19	26°♌45'08	
	-2183 Aug 26 j 13:15	0°♍	
	-2183 Sep 17 j 19:20	0°♎	
evening max el	-2183 Sep 19 j 12:44	1°♎47'57	23°25'22
retrograde	-2183 Sep 29 j 23:28	7°♎58'31	
evening set	-2183 Oct 04 j 22:24	5°♎55'56	
	-2183 Oct 09 j 23:48	30°℞♍	
inferior conj	-2183 Oct 10 j 07:24	29°♍33'58	0°01'55
minimum elong	-2183 Oct 10 j 07:21	29°♍34'08	0°01'54
transit middle	-2183 Oct 10 j 07:21	29°♍34'08	0°01'54
transit begin	-2183 Oct 10 j 04:40	29°♍43'21	
transit end	-2183 Oct 10 j 10:02	29°♍24'55	
min. Earth dist.	-2183 Oct 09 j 22:40	0°♎03'55	0.67499 AU
asc. node	-2183 Oct 10 j 05:11	29°♍41'33	
morning rise	-2183 Oct 15 j 16:21	23°♍21'44	
direct	-2183 Oct 19 j 19:01	21°♍47'22	
morning max el	-2183 Oct 28 j 09:38	26°♍51'11	21°17'25
	-2183 Oct 31 j 06:19	0°♎	
greatest brilliancy	-2183 Nov 02 j 17:26	3°♎00'51	-0.4m
desc. node	-2183 Nov 20 j 09:46	28°♎13'12	
	-2183 Nov 21 j 13:51	0°♏	
morning set	-2183 Nov 28 j 01:55	10°♏04'10	
max. Earth dist.	-2183 Dec 05 j 18:32	22°♏24'58	1.42297 AU
	-2183 Dec 10 j 08:01	0°♐	
superior conj	-2183 Dec 13 j 01:01	4°♐36'22	-1°-53'-27
minimum elong	-2183 Dec 12 j 21:40	4°♐21'59	1°53'22
evening rise	-2183 Dec 24 j 08:48	24°♐39'41	
	-2183 Dec 27 j 07:42	0°♑	
asc. node	-2182 Jan 06 j 04:24	16°♑22'38	
evening max el	-2182 Jan 10 j 00:02	20°♑58'41	18°08'23
retrograde	-2182 Jan 16 j 17:17	24°♑25'29	
evening set	-2182 Jan 19 j 08:38	23°♑53'49	
inferior conj	-2182 Jan 26 j 01:34	18°♑54'22	3°57'12
minimum elong	-2182 Jan 26 j 01:47	18°♑53'51	3°57'10
min. Earth dist.	-2182 Jan 29 j 04:11	15°♑57'07	0.61226 AU
morning rise	-2182 Feb 01 j 16:23	13°♑07'47	
direct	-2182 Feb 08 j 14:23	10°♑46'43	
desc. node	-2182 Feb 16 j 08:56	13°♑22'16	
morning max el	-2182 Feb 22 j 17:01	18°♑32'19	27°38'03
	-2182 Mar 04 j 09:25	0°♒	
	-2182 Mar 22 j 14:47	0°♓	
morning set	-2182 Mar 27 j 03:16	8°♓59'50	
max. Earth dist.	-2182 Apr 02 j 07:11	22°♓04'24	1.32585 AU
superior conj	-2182 Apr 03 j 10:38	24°♓33'51	0°-7'-31
minimum elong	-2182 Apr 03 j 10:59	24°♓35'44	0°07'28
behind sun begin	-2182 Apr 03 j 06:29	24°♓11'11	
behind sun end	-2182 Apr 03 j 15:29	25°♓00'17	
asc. node	-2182 Apr 04 j 03:45	26°♓07'17	
	-2182 Apr 05 j 22:22	0°♈	
evening rise	-2182 Apr 10 j 10:23	9°♈41'12	
	-2182 Apr 20 j 23:23	0°♉	
evening max el	-2182 May 06 j 15:48	21°♉11'03	25°00'08
desc. node	-2182 May 15 j 07:59	27°♉12'10	
retrograde	-2182 May 20 j 16:14	28°♉18'06	
evening set	-2182 May 25 j 20:14	27°♉16'54	
min. Earth dist.	-2182 May 31 j 03:45	24°♉26'18	0.57480 AU
inferior conj	-2182 Jun 03 j 04:26	22°♉24'27	-4°-12'-5
minimum elong	-2182 Jun 03 j 00:18	22°♉31'26	4°11'31
morning rise	-2182 Jun 11 j 08:19	18°♉12'37	
direct	-2182 Jun 13 j 20:44	17°♉54'04	
morning max el	-2182 Jun 22 j 17:15	22°♉02'09	19°07'44
	-2182 Jun 29 j 03:15	0°♊	
asc. node	-2182 Jul 01 j 03:04	3°♊10'36	
morning set	-2182 Jul 09 j 13:10	18°♊49'53	
	-2182 Jul 15 j 04:25	0°♋	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2182 Jul	17 j 22:37	5°♋22'52	1°48'19
minimum elong	-2182 Jul	17 j 22:21	5°♋21'38	1°48'21
max. Earth dist.	-2182 Jul	24 j 10:50	17°♋35'27	1.38387 AU
evening rise	-2182 Jul	28 j 08:19	24°♋31'19	
	-2182 Jul	31 j 13:02	0°♌	
desc. node	-2182 Aug	11 j 07:18	17°♌09'39	
	-2182 Aug	20 j 06:06	0°♍	
evening max el	-2182 Sep	02 j 00:21	15°♍19'36	24°44'36
retrograde	-2182 Sep	13 j 12:32	22°♍02'08	
evening set	-2182 Sep	19 j 02:28	19°♍40'58	
min. Earth dist.	-2182 Sep	23 j 17:37	14°♍23'49	0.67214 AU
inferior conj	-2182 Sep	24 j 12:52	13°♍19'48	0°-52'-29
minimum elong	-2182 Sep	24 j 14:08	13°♍15'34	0°51'57
asc. node	-2182 Sep	27 j 02:15	10°♍04'46	
morning rise	-2182 Sep	30 j 02:10	7°♍14'13	
direct	-2182 Oct	03 j 16:33	5°♍59'34	
morning max el	-2182 Oct	11 j 08:47	10°♍25'43	20°05'45
greatest brilliancy	-2182 Oct	18 j 12:24	19°♍11'49	-0.6m
	-2182 Oct	26 j 00:05	0°♎	
morning set	-2182 Nov	06 j 23:14	18°♎13'32	
desc. node	-2182 Nov	07 j 06:46	18°♎42'41	
	-2182 Nov	14 j 12:07	0°♏	
max. Earth dist.	-2182 Nov	18 j 04:50	5°♏52'20	1.43818 AU
superior conj	-2182 Nov	23 j 12:06	14°♏26'29	-1°-32'-36
minimum elong	-2182 Nov	23 j 04:59	13°♏57'26	1°32'00
	-2182 Dec	02 j 19:55	0°♐	
evening rise	-2182 Dec	06 j 15:14	6°♐30'58	
	-2182 Dec	20 j 23:56	0°♑	
asc. node	-2182 Dec	24 j 01:27	3°♑44'49	
evening max el	-2182 Dec	24 j 12:27	4°♑13'24	18°13'14
retrograde	-2182 Dec	31 j 00:50	7°♑42'47	
evening set	-2181 Jan	02 j 19:55	7°♑02'26	
inferior conj	-2181 Jan	09 j 02:12	1°♑42'02	3°50'41
minimum elong	-2181 Jan	09 j 00:28	1°♑46'42	3°50'28
	-2181 Jan	10 j 15:50	30°℞♐	
min. Earth dist.	-2181 Jan	11 j 15:14	28°♐57'55	0.63129 AU
morning rise	-2181 Jan	15 j 03:17	25°♐43'40	
direct	-2181 Jan	22 j 03:58	23°♐00'16	
desc. node	-2181 Feb	03 j 06:00	29°♐09'04	
	-2181 Feb	04 j 03:56	0°♑	
morning max el	-2181 Feb	04 j 23:34	0°♑47'39	27°42'06
	-2181 Feb	26 j 10:57	0°♒	
morning set	-2181 Mar	11 j 03:40	23°♒19'03	
	-2181 Mar	14 j 10:04	0°♓	
max. Earth dist.	-2181 Mar	16 j 14:26	4°♓35'29	1.33068 AU
superior conj	-2181 Mar	18 j 19:19	9°♓18'21	0°-33'-23
minimum elong	-2181 Mar	18 j 20:51	9°♓26'38	0°33'06
asc. node	-2181 Mar	22 j 00:48	16°♓16'43	
evening rise	-2181 Mar	25 j 22:08	24°♓35'56	
	-2181 Mar	28 j 12:43	0°♈	
	-2181 Apr	16 j 10:52	0°♉	
evening max el	-2181 Apr	18 j 07:05	1°♉52'24	23°27'38
retrograde	-2181 May	01 j 20:53	8°♉38'07	
desc. node	-2181 May	02 j 05:01	8°♉37'52	
evening set	-2181 May	05 j 15:38	8°♉06'44	
min. Earth dist.	-2181 May	12 j 17:39	4°♉51'49	0.55938 AU
inferior conj	-2181 May	14 j 17:36	3°♉40'35	-3°-12'-38
minimum elong	-2181 May	14 j 11:03	3°♉50'21	3°10'58
	-2181 May	22 j 07:27	30°℞♈	
morning rise	-2181 May	23 j 09:55	29°♈43'24	
direct	-2181 May	26 j 00:17	29°♈26'41	
	-2181 May	29 j 13:46	0°♉	
morning max el	-2181 Jun	05 j 09:49	4°♉15'42	20°12'38
asc. node	-2181 Jun	18 j 00:08	22°♉12'27	
	-2181 Jun	22 j 01:09	0°♊	
morning set	-2181 Jun	23 j 17:20	3°♊22'17	
superior conj	-2181 Jul	01 j 12:34	19°♊17'42	1°43'02
minimum elong	-2181 Jul	01 j 10:49	19°♊08'54	1°42'59
max. Earth dist.	-2181 Jul	06 j 16:01	29°♊25'19	1.36538 AU
	-2181 Jul	06 j 23:16	0°♋	
evening rise	-2181 Jul	10 j 16:35	6°♋58'10	
	-2181 Jul	24 j 07:54	0°♌	
desc. node	-2181 Jul	29 j 04:18	7°♌17'25	
evening max el	-2181 Aug	15 j 11:24	28°♌53'38	25°55'21
	-2181 Aug	16 j 15:22	0°♍	
retrograde	-2181 Aug	27 j 21:07	5°♍59'09	
evening set	-2181 Sep	03 j 01:54	3°♍22'27	
	-2181 Sep	06 j 07:25	30°℞♌	
min. Earth dist.	-2181 Sep	07 j 08:38	28°♌42'33	0.66603 AU
inferior conj	-2181 Sep	08 j 15:19	27°♌05'36	-1°-46'-33
minimum elong	-2181 Sep	08 j 17:53	26°♌57'29	1°45'33
asc. node	-2181 Sep	13 j 23:18	21°♌28'11	
morning rise	-2181 Sep	14 j 10:37	21°♌09'47	
direct	-2181 Sep	17 j 14:50	20°♌11'40	
morning max el	-2181 Sep	24 j 15:10	24°♌09'27	19°08'04
	-2181 Sep	29 j 11:46	0°♍	
morning set	-2181 Oct	17 j 06:35	26°♍59'20	
	-2181 Oct	19 j 04:39	0°♎	
desc. node	-2181 Oct	25 j 03:47	9°♎21'13	
max. Earth dist.	-2181 Oct	31 j 20:42	19°♎53'50	1.44717 AU
superior conj	-2181 Nov	02 j 22:06	23°♎08'59	0°-54'-28
minimum elong	-2181 Nov	02 j 15:33	22°♎43'05	0°53'43
	-2181 Nov	07 j 05:32	0°♏	
evening rise	-2181 Nov	17 j 23:54	17°♏25'05	
	-2181 Nov	25 j 16:21	0°♐	
evening max el	-2181 Dec	08 j 00:29	17°♐35'53	18°36'34
asc. node	-2181 Dec	10 j 22:30	20°♐03'50	
retrograde	-2181 Dec	14 j 16:17	21°♐18'41	
evening set	-2181 Dec	17 j 16:10	20°♐28'20	
inferior conj	-2181 Dec	23 j 14:23	14°♐49'29	3°28'01
minimum elong	-2181 Dec	23 j 11:38	14°♐57'41	3°27'25
min. Earth dist.	-2181 Dec	25 j 12:22	12°♐33'00	0.64720 AU
morning rise	-2181 Dec	29 j 05:54	8°♐42'45	
direct	-2180 Jan	05 j 00:38	5°♐51'50	
morning max el	-2180 Jan	18 j 09:01	13°♐34'19	27°11'37
desc. node	-2180 Jan	21 j 03:04	16°♐28'22	
	-2180 Jan	31 j 17:18	0°♑	
	-2180 Feb	19 j 01:03	0°♒	
morning set	-2180 Feb	22 j 19:08	7°♒07'16	
max. Earth dist.	-2180 Feb	27 j 12:55	16°♒35'10	1.33968 AU
superior conj	-2180 Mar	01 j 23:41	23°♒45'12	0°-58'-43
minimum elong	-2180 Mar	02 j 02:19	23°♒59'01	0°58'17
	-2180 Mar	04 j 22:29	0°♓	
asc. node	-2180 Mar	07 j 21:50	6°♓18'29	
evening rise	-2180 Mar	09 j 08:50	9°♓22'09	
	-2180 Mar	20 j 07:35	0°♈	
evening max el	-2180 Mar	30 j 01:55	12°♈36'34	21°54'14
retrograde	-2180 Apr	11 j 14:27	18°♈42'14	
evening set	-2180 Apr	14 j 07:00	18°♈26'05	
desc. node	-2180 Apr	18 j 02:06	17°♈13'55	
inferior conj	-2180 Apr	23 j 15:48	14°♈21'24	-1°-32'-55
minimum elong	-2180 Apr	23 j 11:34	14°♈27'21	1°31'28
min. Earth dist.	-2180 Apr	23 j 07:08	14°♈33'35	0.55139 AU
morning rise	-2180 May	02 j 17:20	10°♈23'58	
direct	-2180 May	05 j 13:40	10°♈05'57	
morning max el	-2180 May	17 j 15:32	15°♈47'15	21°36'21
	-2180 May	28 j 12:10	0°♉	
asc. node	-2180 Jun	03 j 21:12	11°♉40'48	
morning set	-2180 Jun	07 j 02:02	18°♉10'17	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2180 Jun 12 j 17:24	0°♊		
superior conj	-2180 Jun 14 j 11:50	3°♊41'55	1°31'21	
minimum elong	-2180 Jun 14 j 09:21	3°♊29'01	1°31'08	
max. Earth dist.	-2180 Jun 18 j 04:54	11°♊19'08	1.34988 AU	
evening rise	-2180 Jun 22 j 18:34	20°♊18'39		
	-2180 Jun 28 j 00:14	0°♋		
desc. node	-2180 Jul 15 j 01:19	27°♋00'04		
	-2180 Jul 17 j 06:30	0°♌		
evening max el	-2180 Jul 27 j 22:51	12°♌23'59	26°49'53	
retrograde	-2180 Aug 10 j 00:47	19°♌42'14		
evening set	-2180 Aug 16 j 18:24	16°♌56'40		
min. Earth dist.	-2180 Aug 20 j 17:24	12°♌54'59	0.65634 AU	
inferior conj	-2180 Aug 22 j 12:41	10°♌47'36	-2°-38'-24	
minimum elong	-2180 Aug 22 j 16:20	10°♌36'50	2°37'09	
morning rise	-2180 Aug 28 j 15:29	5°♌04'38		
asc. node	-2180 Aug 30 j 20:24	4°♌21'49		
direct	-2180 Aug 31 j 11:56	4°♌19'30		
morning max el	-2180 Sep 07 j 03:02	7°♌58'03	18°26'16	
	-2180 Sep 22 j 07:53	0°♍		
morning set	-2180 Sep 26 j 15:44	7°♍02'17		
	-2180 Oct 10 j 23:32	0°♎		
desc. node	-2180 Oct 11 j 00:48	0°♎04'57		
superior conj	-2180 Oct 11 j 21:54	1°♎28'17	0°-5'-40	
minimum elong	-2180 Oct 11 j 21:09	1°♎25'20	0°05'36	
behind sun begin	-2180 Oct 11 j 10:29	0°♎43'13		
behind sun end	-2180 Oct 12 j 07:50	2°♎07'26		
max. Earth dist.	-2180 Oct 13 j 14:47	4°♎09'23	1.44896 AU	
evening rise	-2180 Oct 28 j 08:09	27°♎17'30		
	-2180 Oct 30 j 01:27	0°♏		
greatest brilliancy	-2180 Nov 10 j 10:09	17°♏41'53	-0.7m	
	-2180 Nov 19 j 10:42	0°♐		
evening max el	-2180 Nov 20 j 09:45	1°♐02'06	19°17'11	
asc. node	-2180 Nov 26 j 19:33	5°♐04'26		
retrograde	-2180 Nov 27 j 12:03	5°♐07'07		
evening set	-2180 Nov 30 j 18:30	4°♐04'53		
	-2180 Dec 04 j 23:58	30°℞♏		
inferior conj	-2180 Dec 06 j 10:49	28°♏10'38	2°54'02	
minimum elong	-2180 Dec 06 j 07:50	28°♏20'12	2°53'08	
min. Earth dist.	-2180 Dec 07 j 18:33	26°♏29'18	0.65943 AU	
morning rise	-2180 Dec 11 j 20:20	21°♏58'15		
direct	-2180 Dec 18 j 03:41	19°♏13'07		
morning max el	-2180 Dec 30 j 18:38	26°♏39'08	26°13'13	
	-2179 Jan 02 j 21:55	0°♐		
desc. node	-2179 Jan 07 j 00:09	4°♐53'02		
	-2179 Jan 24 j 07:37	0°♑		
morning set	-2179 Feb 04 j 21:43	20°♑12'12		
max. Earth dist.	-2179 Feb 08 j 23:40	27°♑59'28	1.35316 AU	
	-2179 Feb 10 j 00:15	0°♒		
superior conj	-2179 Feb 13 j 21:24	7°♒47'22	-1°-22'-6	
minimum elong	-2179 Feb 14 j 00:45	8°♒04'27	1°21'40	
evening rise	-2179 Feb 21 j 16:34	23°♒53'38		
asc. node	-2179 Feb 22 j 18:54	26°♒08'04		
	-2179 Feb 24 j 17:08	0°♓		
evening max el	-2179 Mar 12 j 06:02	23°♓48'45	20°31'37	
retrograde	-2179 Mar 23 j 04:07	29°♓01'47		
evening set	-2179 Mar 25 j 09:52	28°♓49'32		
inferior conj	-2179 Apr 03 j 11:22	24°♓51'59	0°25'07	
minimum elong	-2179 Apr 03 j 12:31	24°♓50'19	0°24'43	
desc. node	-2179 Apr 04 j 23:10	23°♓59'56		
min. Earth dist.	-2179 Apr 04 j 21:18	24°♓02'38	0.55281 AU	
morning rise	-2179 Apr 12 j 13:13	20°♓35'29		
direct	-2179 Apr 16 j 02:03	20°♓08'17		
morning max el	-2179 Apr 29 j 11:40	26°♓40'56	23°13'08	
	-2179 May 02 j 16:06	0°♈		

	-2179 May 21 j 01:06	0°♉		
asc. node	-2179 May 21 j 18:16	1°♉28'32		
morning set	-2179 May 22 j 13:20	3°♉07'49		
superior conj	-2179 May 29 j 17:22	18°♉25'51	1°14'51	
minimum elong	-2179 May 29 j 14:48	18°♉12'08	1°14'30	
max. Earth dist.	-2179 Jun 01 j 03:36	23°♉34'43	1.33815 AU	
	-2179 Jun 04 j 05:59	0°♊		
evening rise	-2179 Jun 06 j 09:28	4°♊18'58		
	-2179 Jun 20 j 17:50	0°♋		
desc. node	-2179 Jul 01 j 22:20	16°♋06'49		
evening max el	-2179 Jul 10 j 10:09	25°♋41'16	27°20'45	
	-2179 Jul 15 j 15:27	0°♌		
retrograde	-2179 Jul 23 j 22:53	3°♌03'19		
evening set	-2179 Jul 31 j 01:07	0°♌19'17		
	-2179 Jul 31 j 10:52	30°℞♋		
min. Earth dist.	-2179 Aug 03 j 17:51	26°♋53'46	0.64290 AU	
inferior conj	-2179 Aug 06 j 02:36	24°♋21'25	-3°-25'-26	
minimum elong	-2179 Aug 06 j 06:49	24°♋10'05	3°24'16	
morning rise	-2179 Aug 12 j 14:17	18°♋54'26		
direct	-2179 Aug 15 j 05:25	18°♋18'53		
asc. node	-2179 Aug 17 j 17:29	18°♋51'10		
morning max el	-2179 Aug 21 j 17:50	21°♋46'29	18°01'34	
	-2179 Aug 28 j 01:41	0°♌		
morning set	-2179 Sep 08 j 04:21	18°♌24'47		
	-2179 Sep 15 j 01:15	0°♍		
superior conj	-2179 Sep 21 j 09:56	10°♍27'10	0°41'17	
minimum elong	-2179 Sep 21 j 14:22	10°♍45'07	0°40'44	
max. Earth dist.	-2179 Sep 26 j 08:10	18°♍21'36	1.44355 AU	
desc. node	-2179 Sep 27 j 21:46	20°♍50'42		
	-2179 Oct 03 j 17:51	0°♎		
evening rise	-2179 Oct 07 j 19:53	6°♎19'48		
	-2179 Oct 23 j 11:26	0°♏		
greatest brilliancy	-2179 Oct 27 j 21:19	6°♏15'11	-0.6m	
evening max el	-2179 Nov 03 j 14:19	14°♏29'09	20°13'09	
retrograde	-2179 Nov 11 j 09:22	19°♏03'53		
asc. node	-2179 Nov 13 j 16:38	18°♏33'19		
evening set	-2179 Nov 15 j 00:31	17°♏47'18		
inferior conj	-2179 Nov 20 j 12:47	11°♏40'50	2°11'58	
minimum elong	-2179 Nov 20 j 10:09	11°♏49'39	2°11'01	
min. Earth dist.	-2179 Nov 21 j 07:45	10°♏37'16	0.66808 AU	
morning rise	-2179 Nov 25 j 19:14	5°♏25'18		
direct	-2179 Dec 01 j 12:10	2°♏55'34		
morning max el	-2179 Dec 13 j 03:07	9°♏50'45	24°55'51	
desc. node	-2179 Dec 24 j 21:11	24°♏03'13		
	-2179 Dec 29 j 03:07	0°♐		
	-2178 Jan 16 j 22:51	0°♑		
morning set	-2178 Jan 18 j 05:57	2°♑17'13		
max. Earth dist.	-2178 Jan 21 j 23:26	9°♑02'28	1.37092 AU	
superior conj	-2178 Jan 28 j 09:18	21°♑14'59	-1°-41'-39	
minimum elong	-2178 Jan 28 j 12:38	21°♑31'18	1°41'24	
	-2178 Feb 01 j 19:01	0°♒		
evening rise	-2178 Feb 05 j 19:06	8°♒02'51		
asc. node	-2178 Feb 09 j 15:56	15°♒39'21		
	-2178 Feb 18 j 03:03	0°♓		
evening max el	-2178 Feb 22 j 20:59	5°♓37'08	19°26'06	
retrograde	-2178 Mar 04 j 02:31	10°♓01'25		
evening set	-2178 Mar 06 j 08:43	9°♓46'48		
inferior conj	-2178 Mar 14 j 18:06	5°♓40'03	2°08'31	
minimum elong	-2178 Mar 14 j 22:37	5°♓32'40	2°07'10	
min. Earth dist.	-2178 Mar 17 j 12:05	3°♓52'56	0.56324 AU	
desc. node	-2178 Mar 22 j 20:16	1°♓04'52		
morning rise	-2178 Mar 23 j 08:47	0°♓53'30		
direct	-2178 Mar 28 j 00:20	0°♓04'20		
morning max el	-2178 Apr 11 j 02:38	7°♓13'56	24°52'19	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2178 Apr 27 j 17:13	0°♈	
morning set	-2178 May 07 j 01:28	18°♈08'47	
asc. node	-2178 May 08 j 15:19	21°♈29'22	
	-2178 May 12 j 13:45	0°♉	
superior conj	-2178 May 14 j 02:46	3°♉21'20	0°54'43
minimum elong	-2178 May 14 j 00:37	3°♉09'38	0°54'20
max. Earth dist.	-2178 May 15 j 10:39	6°♉14'05	1.33017 AU
evening rise	-2178 May 21 j 09:25	18°♉46'48	
	-2178 May 27 j 02:54	0°♊	
	-2178 Jun 15 j 03:49	0°♋	
desc. node	-2178 Jun 18 j 19:22	4°♋22'32	
evening max el	-2178 Jun 22 j 19:15	8°♋32'44	27°21'53
retrograde	-2178 Jul 06 j 14:39	15°♋53'22	
evening set	-2178 Jul 13 j 18:26	13°♋24'00	
min. Earth dist.	-2178 Jul 17 j 08:25	10°♋27'44	0.62591 AU
inferior conj	-2178 Jul 20 j 06:13	7°♋40'28	-4°-3'-46
minimum elong	-2178 Jul 20 j 10:00	7°♋31'22	4°03'03
morning rise	-2178 Jul 27 j 03:56	2°♋32'45	
direct	-2178 Jul 29 j 16:11	2°♋03'59	
asc. node	-2178 Aug 04 j 14:33	4°♋46'06	
morning max el	-2178 Aug 05 j 08:52	5°♋28'56	17°54'59
	-2178 Aug 21 j 03:46	0°♌	
morning set	-2178 Aug 21 j 15:29	0°♌52'16	
superior conj	-2178 Sep 02 j 00:00	20°♌44'00	1°16'51
minimum elong	-2178 Sep 02 j 05:19	21°♌06'30	1°16'19
	-2178 Sep 07 j 13:27	0°♍	
max. Earth dist.	-2178 Sep 08 j 22:30	2°♍14'49	1.43163 AU
desc. node	-2178 Sep 14 j 18:46	11°♍35'42	
evening rise	-2178 Sep 17 j 01:37	15°♍10'28	
	-2178 Sep 26 j 19:02	0°♎	
greatest brilliancy	-2178 Oct 12 j 09:37	21°♎59'18	-0.4m
evening max el	-2178 Oct 17 j 13:04	27°♎56'34	21°21'40
	-2178 Oct 19 j 17:27	0°♏	
retrograde	-2178 Oct 26 j 06:13	3°♏06'50	
evening set	-2178 Oct 30 j 08:16	1°♏33'30	
asc. node	-2178 Oct 31 j 13:41	0°♏28'49	
	-2178 Nov 01 j 00:57	30°℞♎	
inferior conj	-2178 Nov 04 j 18:05	25°♎18'05	1°24'15
minimum elong	-2178 Nov 04 j 16:15	25°♎24'25	1°23'30
min. Earth dist.	-2178 Nov 05 j 01:39	24°♎52'05	0.67333 AU
morning rise	-2178 Nov 09 j 23:55	19°♎01'51	
direct	-2178 Nov 15 j 01:26	16°♎52'59	
morning max el	-2178 Nov 25 j 12:03	23°♎06'22	23°29'34
greatest brilliancy	-2178 Dec 01 j 13:03	29°♎58'44	-0.2m
	-2178 Dec 01 j 13:27	0°♏	
desc. node	-2178 Dec 11 j 18:12	13°♏46'05	
	-2178 Dec 22 j 12:41	0°♐	
morning set	-2178 Dec 30 j 13:39	13°♐06'15	
max. Earth dist.	-2177 Jan 03 j 18:50	20°♐20'51	1.39150 AU
	-2177 Jan 09 j 04:05	0°♑	
superior conj	-2177 Jan 11 j 07:25	3°♑57'32	-1°-54'-44
minimum elong	-2177 Jan 11 j 09:28	4°♑07'06	1°54'43
evening rise	-2177 Jan 20 j 13:53	21°♑43'24	
	-2177 Jan 24 j 21:57	0°♒	
asc. node	-2177 Jan 27 j 12:57	4°♒45'59	
evening max el	-2177 Feb 05 j 21:26	17°♒59'03	18°40'08
retrograde	-2177 Feb 13 j 18:46	21°♒49'00	
evening set	-2177 Feb 16 j 04:32	21°♒28'54	
inferior conj	-2177 Feb 23 j 20:15	17°♒03'23	3°17'29
minimum elong	-2177 Feb 24 j 00:19	16°♒55'39	3°16'41
min. Earth dist.	-2177 Feb 27 j 04:51	14°♒31'26	0.58024 AU
morning rise	-2177 Mar 03 j 16:17	11°♒47'28	
direct	-2177 Mar 09 j 11:30	10°♒23'57	
desc. node	-2177 Mar 09 j 17:20	10°♒24'06	
morning max el	-2177 Mar 23 j 18:46	17°♒54'47	26°19'09
	-2177 Apr 02 j 19:58	0°♓	
	-2177 Apr 20 j 00:42	0°♈	
morning set	-2177 Apr 21 j 12:47	3°♈07'09	
asc. node	-2177 Apr 25 j 12:20	11°♈38'15	
superior conj	-2177 Apr 28 j 14:07	18°♈21'34	0°31'54
minimum elong	-2177 Apr 28 j 12:45	18°♈14'05	0°31'37
max. Earth dist.	-2177 Apr 28 j 22:42	19°♈08'34	1.32572 AU
	-2177 May 03 j 23:05	0°♉	
evening rise	-2177 May 05 j 15:26	3°♉32'02	
	-2177 May 19 j 22:58	0°♊	
evening max el	-2177 Jun 04 j 23:18	20°♊45'11	26°50'03
desc. node	-2177 Jun 05 j 16:25	21°♊25'14	
retrograde	-2177 Jun 18 j 22:54	28°♊03'12	
evening set	-2177 Jun 25 j 17:59	26°♊01'56	
min. Earth dist.	-2177 Jun 29 j 12:47	23°♊21'43	0.60624 AU
inferior conj	-2177 Jul 02 j 20:00	20°♊35'30	-4°-27'-24
minimum elong	-2177 Jul 02 j 21:51	20°♊31'37	4°27'15
morning rise	-2177 Jul 10 j 04:49	15°♊49'46	
direct	-2177 Jul 12 j 16:11	15°♊25'53	
morning max el	-2177 Jul 19 j 21:16	18°♊57'39	18°07'25
asc. node	-2177 Jul 22 j 11:35	21°♊50'45	
	-2177 Jul 27 j 23:15	0°♋	
morning set	-2177 Aug 04 j 19:15	14°♋07'49	
	-2177 Aug 13 j 09:35	0°♌	
superior conj	-2177 Aug 14 j 16:52	2°♌20'22	1°38'28
minimum elong	-2177 Aug 14 j 20:16	2°♌35'35	1°38'16
max. Earth dist.	-2177 Aug 22 j 07:19	15°♌31'06	1.41473 AU
evening rise	-2177 Aug 27 j 20:01	24°♌37'19	
	-2177 Aug 31 j 05:03	0°♍	
desc. node	-2177 Sep 01 j 15:46	2°♍15'57	
	-2177 Sep 20 j 17:27	0°♎	
greatest brilliancy	-2177 Sep 25 j 09:56	5°♎58'32	-0.3m
evening max el	-2177 Sep 30 j 05:57	11°♎23'43	22°38'56
retrograde	-2177 Oct 10 j 01:02	17°♎12'45	
evening set	-2177 Oct 14 j 15:57	15°♎20'50	
asc. node	-2177 Oct 18 j 10:43	11°♎09'55	
inferior conj	-2177 Oct 20 j 00:49	9°♎00'05	0°32'42
minimum elong	-2177 Oct 20 j 00:04	9°♎02'42	0°32'22
min. Earth dist.	-2177 Oct 19 j 21:52	9°♎10'16	0.67532 AU
morning rise	-2177 Oct 25 j 08:07	2°♎45'42	
direct	-2177 Oct 29 j 18:39	0°♎59'10	
morning max el	-2177 Nov 08 j 00:35	6°♎27'33	22°03'40
greatest brilliancy	-2177 Nov 12 j 18:44	11°♎50'25	-0.4m
	-2177 Nov 26 j 00:30	0°♏	
desc. node	-2177 Nov 28 j 15:14	3°♏52'04	
morning set	-2177 Dec 10 j 16:30	22°♏31'28	
	-2177 Dec 15 j 06:32	0°♐	
max. Earth dist.	-2177 Dec 16 j 17:28	2°♐25'25	1.41217 AU
superior conj	-2177 Dec 24 j 10:40	15°♐42'20	-1°-57'-49
minimum elong	-2177 Dec 24 j 09:42	15°♐38'06	1°57'53
	-2176 Jan 01 j 07:39	0°♑	
evening rise	-2176 Jan 03 j 21:45	4°♑48'14	
asc. node	-2176 Jan 14 j 09:58	23°♑20'23	
	-2176 Jan 19 j 10:12	0°♒	
evening max el	-2176 Jan 20 j 04:48	0°♒47'44	18°14'16
retrograde	-2176 Jan 27 j 05:22	4°♒19'13	
evening set	-2176 Jan 29 j 18:37	3°♒52'09	
	-2176 Feb 04 j 17:50	30°℞♑	
inferior conj	-2176 Feb 05 j 18:57	29°♑05'06	3°51'05
minimum elong	-2176 Feb 05 j 20:37	29°♑01'25	3°50'55
min. Earth dist.	-2176 Feb 09 j 02:45	26°♑09'55	0.60039 AU
morning rise	-2176 Feb 12 j 19:30	23°♑27'12	
direct	-2176 Feb 19 j 10:44	21°♑25'23	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2176 Feb 24 j 14:23	22°♉33'44	
morning max el	-2176 Mar 04 j 16:31	29°♉08'00	27°19'21
	-2176 Mar 05 j 13:20	0°♒	
	-2176 Mar 26 j 14:46	0°♓	
morning set	-2176 Apr 04 j 21:33	17°♓56'47	
	-2176 Apr 10 j 13:02	0°♈	
asc. node	-2176 Apr 11 j 09:21	1°♈50'56	
max. Earth dist.	-2176 Apr 11 j 11:54	2°♈04'54	1.32470 AU
superior conj	-2176 Apr 12 j 01:47	3°♈20'54	0°07'14
minimum elong	-2176 Apr 12 j 01:28	3°♈19'06	0°07'10
behind sun begin	-2176 Apr 11 j 20:58	2°♈54'27	
behind sun end	-2176 Apr 12 j 05:58	3°♈43'45	
evening rise	-2176 Apr 19 j 01:12	18°♈26'45	
	-2176 Apr 24 j 18:48	0°♉	
	-2176 May 14 j 15:58	0°♊	
evening max el	-2176 May 16 j 20:42	2°♊13'40	25°47'17
desc. node	-2176 May 22 j 13:27	6°♊45'26	
retrograde	-2176 May 30 j 22:26	9°♊27'34	
evening set	-2176 Jun 05 j 20:00	8°♊04'00	
min. Earth dist.	-2176 Jun 10 j 09:02	5°♊22'01	0.58576 AU
inferior conj	-2176 Jun 13 j 16:26	2°♊57'34	-4°-27'-21
minimum elong	-2176 Jun 13 j 14:40	3°♊00'48	4°27'14
	-2176 Jun 18 j 03:18	30°℞♉	
morning rise	-2176 Jun 21 j 13:13	28°♉34'29	
direct	-2176 Jun 24 j 00:59	28°♉14'21	
	-2176 Jun 29 j 13:13	0°♊	
morning max el	-2176 Jul 02 j 04:10	2°♊05'00	18°39'48
asc. node	-2176 Jul 08 j 08:39	9°♊50'47	
morning set	-2176 Jul 18 j 11:08	27°♊59'59	
	-2176 Jul 19 j 11:51	0°♋	
superior conj	-2176 Jul 27 j 07:33	15°♋02'48	1°47'39
minimum elong	-2176 Jul 27 j 08:30	15°♋07'17	1°47'41
max. Earth dist.	-2176 Aug 03 j 10:40	28°♋01'51	1.39524 AU
	-2176 Aug 04 j 13:39	0°♌	
evening rise	-2176 Aug 07 j 14:36	5°♌13'07	
desc. node	-2176 Aug 18 j 12:46	22°♌47'33	
	-2176 Aug 23 j 08:19	0°♍	
evening max el	-2176 Sep 11 j 18:39	24°♍52'47	23°59'26
	-2176 Sep 18 j 04:56	0°♎	
retrograde	-2176 Sep 22 j 16:38	1°♎18'27	
	-2176 Sep 26 j 18:10	30°℞♍	
evening set	-2176 Sep 27 j 21:53	29°♍07'35	
inferior conj	-2176 Oct 03 j 07:17	22°♍45'12	0°-21'-5
minimum elong	-2176 Oct 03 j 07:47	22°♍43'30	0°20'53
min. Earth dist.	-2176 Oct 02 j 18:04	23°♍30'04	0.67419 AU
asc. node	-2176 Oct 04 j 07:47	21°♍22'44	
morning rise	-2176 Oct 08 j 17:53	16°♍35'28	
direct	-2176 Oct 12 j 14:58	15°♍10'04	
morning max el	-2176 Oct 20 j 19:31	19°♍57'06	20°45'18
greatest brilliancy	-2176 Oct 26 j 18:52	27°♍00'44	-0.5m
	-2176 Oct 29 j 00:27	0°♎	
desc. node	-2176 Nov 14 j 12:14	24°♎14'25	
	-2176 Nov 18 j 05:52	0°♏	
morning set	-2176 Nov 18 j 19:20	0°♏52'19	
max. Earth dist.	-2176 Nov 27 j 23:00	15°♏23'20	1.43007 AU
superior conj	-2176 Dec 04 j 13:29	26°♏16'19	-1°-46'-46
minimum elong	-2176 Dec 04 j 08:18	25°♏54'36	1°46'29
	-2176 Dec 06 j 18:28	0°♐	
evening rise	-2176 Dec 16 j 14:47	17°♐08'50	
	-2176 Dec 23 j 22:41	0°♑	
asc. node	-2176 Dec 31 j 07:00	11°♑12'23	
evening max el	-2175 Jan 02 j 16:12	13°♑55'00	18°08'09
retrograde	-2175 Jan 09 j 06:29	17°♑21'46	
evening set	-2175 Jan 11 j 23:12	16°♑46'41	
inferior conj	-2175 Jan 18 j 11:16	11°♑38'16	3°56'50
minimum elong	-2175 Jan 18 j 10:33	11°♑40'05	3°56'44
min. Earth dist.	-2175 Jan 21 j 08:38	8°♑43'56	0.62059 AU
morning rise	-2175 Jan 24 j 19:40	5°♑45'52	
direct	-2175 Jan 31 j 19:57	3°♑13'16	
desc. node	-2175 Feb 10 j 11:28	7°♑11'36	
morning max el	-2175 Feb 14 j 20:20	11°♑01'19	27°44'19
	-2175 Mar 01 j 18:49	0°♒	
	-2175 Mar 18 j 20:08	0°♓	
morning set	-2175 Mar 20 j 01:41	2°♓29'09	
max. Earth dist.	-2175 Mar 25 j 22:16	14°♓47'51	1.32732 AU
superior conj	-2175 Mar 27 j 12:02	18°♓12'11	0°-18'-29
minimum elong	-2175 Mar 27 j 12:54	18°♓16'49	0°18'19
asc. node	-2175 Mar 29 j 06:23	22°♓02'25	
	-2175 Apr 01 j 22:35	0°♈	
evening rise	-2175 Apr 03 j 12:42	3°♈22'46	
	-2175 Apr 18 j 00:13	0°♉	
evening max el	-2175 Apr 28 j 12:52	13°♉05'39	24°21'54
desc. node	-2175 May 09 j 10:30	19°♉45'37	
retrograde	-2175 May 12 j 10:50	20°♉06'30	
evening set	-2175 May 17 j 00:24	19°♉19'43	
min. Earth dist.	-2175 May 23 j 00:34	16°♉19'58	0.56746 AU
inferior conj	-2175 May 25 j 16:52	14°♉37'54	-3°-52'-17
minimum elong	-2175 May 25 j 11:17	14°♉46'49	3°51'13
morning rise	-2175 Jun 03 j 02:09	10°♉33'35	
direct	-2175 Jun 05 j 14:57	10°♉16'11	
morning max el	-2175 Jun 15 j 02:38	14°♉40'19	19°32'52
asc. node	-2175 Jun 25 j 05:43	28°♉32'42	
	-2175 Jun 26 j 01:27	0°♊	
morning set	-2175 Jul 02 j 11:36	12°♊19'14	
superior conj	-2175 Jul 10 j 14:22	28°♊34'40	1°46'57
minimum elong	-2175 Jul 10 j 13:23	28°♊29'49	1°47'00
	-2175 Jul 11 j 07:45	0°♋	
max. Earth dist.	-2175 Jul 16 j 13:04	9°♋58'06	1.37572 AU
evening rise	-2175 Jul 20 j 10:17	17°♋02'14	
	-2175 Jul 28 j 00:31	0°♌	
desc. node	-2175 Aug 05 j 09:46	13°♌05'37	
	-2175 Aug 17 j 17:35	0°♍	
evening max el	-2175 Aug 25 j 05:48	8°♍25'47	25°16'10
retrograde	-2175 Sep 06 j 04:04	15°♍19'56	
evening set	-2175 Sep 12 j 00:17	12°♍51'45	
min. Earth dist.	-2175 Sep 16 j 11:48	7°♍49'56	0.66994 AU
inferior conj	-2175 Sep 17 j 11:45	6°♍31'44	-1°-15'-33
minimum elong	-2175 Sep 17 j 13:35	6°♍25'45	1°14'48
asc. node	-2175 Sep 21 j 04:52	2°♍06'12	
morning rise	-2175 Sep 23 j 03:24	0°♍29'40	
	-2175 Sep 23 j 23:59	30°℞♌	
direct	-2175 Sep 26 j 13:06	29°♌22'31	
	-2175 Sep 29 j 04:47	0°♍	
morning max el	-2175 Oct 03 j 21:53	3°♍35'53	19°39'15
greatest brilliancy	-2175 Oct 12 j 07:45	14°♍15'41	-0.6m
	-2175 Oct 22 j 19:49	0°♎	
morning set	-2175 Oct 28 j 18:03	9°♎09'12	
desc. node	-2175 Nov 01 j 09:14	14°♎48'09	
max. Earth dist.	-2175 Nov 10 j 11:33	29°♎05'54	1.44283 AU
	-2175 Nov 11 j 01:10	0°♏	
superior conj	-2175 Nov 14 j 13:08	5°♏35'30	-1°-18'-21
minimum elong	-2175 Nov 14 j 05:31	5°♏04'52	1°17'36
evening rise	-2175 Nov 28 j 12:30	28°♏36'42	
	-2175 Nov 29 j 08:16	0°♐	
evening max el	-2175 Dec 17 j 04:52	27°♐14'12	18°21'01
asc. node	-2175 Dec 18 j 04:04	28°♐09'48	
	-2175 Dec 20 j 17:37	0°♑	
retrograde	-2175 Dec 23 j 17:45	0°♑47'53	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening set	-2175 Dec 26 j 14:42	0°♑03'32	
	-2175 Dec 26 j 17:26	30°℞♐	
inferior conj	-2174 Jan 01 j 17:18	24°♐35'17	3°42'41
minimum elong	-2174 Jan 01 j 15:01	24°♐41'42	3°42'18
min. Earth dist.	-2174 Jan 04 j 00:04	22°♐01'20	0.63852 AU
morning rise	-2174 Jan 07 j 13:50	18°♐33'06	
direct	-2174 Jan 14 j 13:02	15°♐44'20	
morning max el	-2174 Jan 28 j 04:18	23°♐30'57	27°32'56
desc. node	-2174 Jan 28 j 08:32	23°♐41'30	
	-2174 Feb 03 j 00:23	0°♑	
	-2174 Feb 23 j 01:19	0°♒	
morning set	-2174 Mar 03 j 22:39	16°♒36'04	
max. Earth dist.	-2174 Mar 09 j 01:58	27°♒05'06	1.33396 AU
	-2174 Mar 10 j 11:12	0°♓	
superior conj	-2174 Mar 11 j 19:09	2°♓49'51	0°-44'-16
minimum elong	-2174 Mar 11 j 21:11	3°♓00'39	0°43'54
asc. node	-2174 Mar 16 j 03:25	12°♓08'50	
evening rise	-2174 Mar 19 j 00:13	18°♓14'11	
	-2174 Mar 24 j 20:41	0°♈	
evening max el	-2174 Apr 10 j 04:58	23°♈44'35	22°47'16
	-2174 Apr 20 j 20:32	0°♉	
retrograde	-2174 Apr 23 j 10:04	0°♉14'55	
desc. node	-2174 Apr 26 j 07:35	29°♈56'30	
	-2174 Apr 26 j 00:33	30°℞♈	
evening set	-2174 Apr 26 j 15:52	29°♈51'57	
min. Earth dist.	-2174 May 04 j 14:17	26°♈22'54	0.55491 AU
inferior conj	-2174 May 05 j 22:33	25°♈36'32	-2°-34'-30
minimum elong	-2174 May 05 j 16:21	25°♈45'28	2°32'39
morning rise	-2174 May 14 j 19:24	21°♈40'59	
direct	-2174 May 17 j 11:30	21°♈24'14	
morning max el	-2174 May 28 j 14:29	26°♈35'11	20°46'10
	-2174 May 31 j 19:59	0°♉	
asc. node	-2174 Jun 12 j 02:46	17°♉46'16	
morning set	-2174 Jun 16 j 17:56	26°♉58'21	
	-2174 Jun 18 j 05:13	0°♊	
superior conj	-2174 Jun 24 j 08:39	12°♊42'24	1°38'45
minimum elong	-2174 Jun 24 j 06:30	12°♊31'25	1°38'38
max. Earth dist.	-2174 Jun 28 j 21:02	21°♊46'14	1.35838 AU
evening rise	-2174 Jul 03 j 02:42	29°♊53'18	
	-2174 Jul 03 j 04:08	0°♋	
	-2174 Jul 21 j 04:12	0°♌	
desc. node	-2174 Jul 23 j 06:48	3°♌03'30	
evening max el	-2174 Aug 07 j 17:13	21°♌59'45	26°21'07
retrograde	-2174 Aug 20 j 10:33	29°♌11'27	
evening set	-2174 Aug 26 j 21:04	26°♌30'20	
min. Earth dist.	-2174 Aug 31 j 00:32	22°♌06'26	0.66235 AU
inferior conj	-2174 Sep 01 j 12:19	20°♌16'26	-2°-8'-58
minimum elong	-2174 Sep 01 j 15:23	20°♌06'59	2°07'48
morning rise	-2174 Sep 07 j 10:36	14°♌25'25	
asc. node	-2174 Sep 08 j 01:58	14°♌05'41	
direct	-2174 Sep 10 j 11:17	13°♌33'07	
morning max el	-2174 Sep 17 j 06:47	17°♌21'36	18°48'12
	-2174 Sep 26 j 18:25	0°♍	
morning set	-2174 Oct 08 j 11:26	18°♍25'35	
	-2174 Oct 15 j 18:47	0°♎	
desc. node	-2174 Oct 19 j 06:14	5°♎28'57	
max. Earth dist.	-2174 Oct 24 j 04:56	13°♎16'11	1.44890 AU
superior conj	-2174 Oct 24 j 16:14	14°♎00'41	0°-34'-23
minimum elong	-2174 Oct 24 j 11:45	13°♎43'03	0°33'50
	-2174 Nov 03 j 18:46	0°♏	
evening rise	-2174 Nov 09 j 10:48	9°♏04'11	
	-2174 Nov 22 j 14:55	0°♐	
evening max el	-2174 Nov 30 j 16:04	10°♐38'50	18°51'51
asc. node	-2174 Dec 05 j 01:09	13°♐57'17	
retrograde	-2174 Dec 07 j 11:20	14°♐29'36	
evening set	-2174 Dec 10 j 13:52	13°♐34'19	
inferior conj	-2174 Dec 16 j 09:21	7°♐48'35	3°14'41
minimum elong	-2174 Dec 16 j 06:24	7°♐57'38	3°13'57
min. Earth dist.	-2174 Dec 18 j 01:04	5°♐46'41	0.65296 AU
morning rise	-2174 Dec 21 j 21:57	1°♐39'27	
	-2174 Dec 24 j 05:32	30°℞♏	
direct	-2174 Dec 28 j 12:29	28°♏49'37	
	-2173 Jan 02 j 04:28	0°♐	
morning max el	-2173 Jan 10 j 13:52	6°♐25'45	26°49'35
desc. node	-2173 Jan 15 j 05:35	11°♐30'49	
	-2173 Jan 28 j 19:24	0°♑	
morning set	-2173 Feb 15 j 09:07	0°♒06'43	
	-2173 Feb 15 j 07:43	0°♒	
max. Earth dist.	-2173 Feb 19 j 19:37	8°♒48'45	1.34493 AU
superior conj	-2173 Feb 23 j 21:00	17°♒06'45	-1°-8'-59
minimum elong	-2173 Feb 24 j 00:00	17°♒22'20	1°08'32
	-2173 Mar 02 j 00:23	0°♓	
evening rise	-2173 Mar 03 j 09:53	2°♓54'36	
asc. node	-2173 Mar 03 j 00:29	2°♓05'47	
	-2173 Mar 18 j 23:27	0°♈	
evening max el	-2173 Mar 23 j 03:18	4°♈38'07	21°17'14
retrograde	-2173 Apr 04 j 00:04	10°♈21'31	
evening set	-2173 Apr 06 j 10:30	10°♈07'54	
desc. node	-2173 Apr 13 j 04:39	7°♈32'51	
inferior conj	-2173 Apr 15 j 17:46	6°♈08'36	0°-43'-1
minimum elong	-2173 Apr 15 j 15:44	6°♈11'27	0°42'19
min. Earth dist.	-2173 Apr 16 j 03:43	5°♈54'35	0.55084 AU
morning rise	-2173 Apr 24 j 20:50	2°♈05'29	
direct	-2173 Apr 27 j 23:00	1°♈44'42	
morning max el	-2173 May 10 j 15:34	7°♈48'20	22°16'32
	-2173 May 26 j 04:51	0°♉	
asc. node	-2173 May 29 j 23:50	7°♉23'36	
morning set	-2173 Jun 01 j 03:58	11°♉51'10	
superior conj	-2173 Jun 08 j 10:53	27°♉15'46	1°24'52
minimum elong	-2173 Jun 08 j 08:18	27°♉02'08	1°24'35
	-2173 Jun 09 j 18:10	0°♊	
max. Earth dist.	-2173 Jun 11 j 14:26	3°♊49'33	1.34441 AU
evening rise	-2173 Jun 16 j 10:42	13°♊32'08	
	-2173 Jun 25 j 10:29	0°♋	
desc. node	-2173 Jul 10 j 03:50	22°♋32'33	
	-2173 Jul 16 j 02:27	0°♌	
evening max el	-2173 Jul 21 j 04:55	5°♌26'33	27°06'22
retrograde	-2173 Aug 03 j 11:41	12°♌46'29	
evening set	-2173 Aug 10 j 09:47	10°♌00'10	
min. Earth dist.	-2173 Aug 14 j 05:54	6°♌14'30	0.65111 AU
inferior conj	-2173 Aug 16 j 06:50	3°♌55'48	-2°-59'-8
minimum elong	-2173 Aug 16 j 10:49	3°♌44'30	2°57'52
	-2173 Aug 20 j 02:12	30°℞♋	
morning rise	-2173 Aug 22 j 13:15	28°♋19'14	
direct	-2173 Aug 25 j 07:15	27°♋38'25	
asc. node	-2173 Aug 25 j 23:02	27°♋40'45	
	-2173 Aug 30 j 13:45	0°♌	
morning max el	-2173 Aug 31 j 20:13	1°♌10'56	18°13'41
morning set	-2173 Sep 19 j 08:46	29°♌04'27	
	-2173 Sep 19 j 22:11	0°♍	
superior conj	-2173 Oct 03 j 18:42	22°♍29'46	0°15'12
minimum elong	-2173 Oct 03 j 20:36	22°♍37'18	0°14'57
behind sun begin	-2173 Oct 03 j 16:15	22°♍19'58	
behind sun end	-2173 Oct 04 j 00:57	22°♍54'37	
desc. node	-2173 Oct 06 j 03:15	26°♍14'01	
max. Earth dist.	-2173 Oct 06 j 23:47	27°♍35'10	1.44760 AU
	-2173 Oct 08 j 12:31	0°♎	
evening rise	-2173 Oct 20 j 09:25	18°♎33'18	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2173 Oct 27 j 18:35	0°♏	
greatest brilliancy	-2173 Nov 05 j 18:46	13°♏34'34	-0.7m
evening max el	-2173 Nov 13 j 23:33	24°♏05'33	19°39'07
retrograde	-2173 Nov 21 j 08:05	28°♏22'11	
asc. node	-2173 Nov 21 j 22:12	28°♏20'12	
evening set	-2173 Nov 24 j 18:03	27°♏13'57	
inferior conj	-2173 Nov 30 j 08:26	21°♏13'50	2°36'57
minimum elong	-2173 Nov 30 j 05:32	21°♏23'19	2°36'01
min. Earth dist.	-2173 Dec 01 j 10:25	19°♏48'49	0.66363 AU
morning rise	-2173 Dec 05 j 16:20	14°♏59'54	
direct	-2173 Dec 11 j 17:41	12°♏20'45	
morning max el	-2173 Dec 23 j 23:09	19°♏34'43	25°41'59
	-2172 Jan 01 j 21:34	0°♐	
desc. node	-2172 Jan 02 j 02:37	0°♐16'23	
	-2172 Jan 21 j 21:42	0°♑	
morning set	-2172 Jan 29 j 04:36	12°♑47'43	
max. Earth dist.	-2172 Feb 02 j 01:40	20°♑02'16	1.36032 AU
	-2172 Feb 07 j 03:57	0°♒	
superior conj	-2172 Feb 07 j 14:56	0°♒54'56	-1°-31'00
minimum elong	-2172 Feb 07 j 18:23	1°♒12'19	1°30'39
evening rise	-2172 Feb 15 j 15:42	17°♒17'20	
asc. node	-2172 Feb 17 j 21:31	21°♒48'06	
	-2172 Feb 22 j 04:29	0°♓	
evening max el	-2172 Mar 04 j 11:53	16°♓04'27	20°01'19
retrograde	-2172 Mar 14 j 16:17	20°♓55'57	
evening set	-2172 Mar 16 j 21:22	20°♓43'13	
inferior conj	-2172 Mar 25 j 16:32	16°♓42'57	1°12'32
minimum elong	-2172 Mar 25 j 19:35	16°♓38'19	1°11'30
min. Earth dist.	-2172 Mar 27 j 17:48	15°♓28'21	0.55621 AU
desc. node	-2172 Mar 30 j 01:43	14°♓08'56	
morning rise	-2172 Apr 03 j 14:58	12°♓14'32	
direct	-2172 Apr 07 j 14:08	11°♓39'59	
morning max el	-2172 Apr 21 j 08:52	18°♓30'06	23°56'04
	-2172 Apr 30 j 20:13	0°♈	
morning set	-2172 May 15 j 15:48	26°♈50'48	
asc. node	-2172 May 15 j 20:52	27°♈17'25	
	-2172 May 17 j 03:36	0°♉	
superior conj	-2172 May 22 j 18:17	12°♉05'13	1°06'42
minimum elong	-2172 May 22 j 15:50	11°♉52'04	1°06'19
max. Earth dist.	-2172 May 24 j 17:02	16°♉15'46	1.33423 AU
evening rise	-2172 May 30 j 05:48	27°♉44'53	
	-2172 May 31 j 08:53	0°♊	
	-2172 Jun 17 j 16:23	0°♋	
desc. node	-2172 Jun 26 j 00:53	11°♋19'35	
evening max el	-2172 Jul 02 j 15:20	18°♋33'17	27°25'06
retrograde	-2172 Jul 16 j 07:07	25°♋55'22	
evening set	-2172 Jul 23 j 11:15	23°♋15'28	
min. Earth dist.	-2172 Jul 27 j 02:03	20°♋04'00	0.63608 AU
inferior conj	-2172 Jul 29 j 16:41	17°♋23'30	-3°-43'-3
minimum elong	-2172 Jul 29 j 20:52	17°♋12'44	3°42'03
morning rise	-2172 Aug 05 j 08:32	12°♋04'40	
direct	-2172 Aug 07 j 22:11	11°♋32'19	
asc. node	-2172 Aug 11 j 20:05	12°♋47'44	
morning max el	-2172 Aug 14 j 11:29	14°♋57'31	17°56'36
	-2172 Aug 24 j 23:30	0°♌	
morning set	-2172 Aug 31 j 07:37	10°♌56'02	
	-2172 Sep 11 j 12:05	0°♍	
superior conj	-2172 Sep 12 j 17:00	1°♍59'36	0°58'03
minimum elong	-2172 Sep 12 j 22:19	2°♍21'28	0°57'25
max. Earth dist.	-2172 Sep 18 j 16:09	11°♍41'06	1.43916 AU
desc. node	-2172 Sep 22 j 00:16	16°♍59'47	
evening rise	-2172 Sep 28 j 16:16	27°♍24'22	
	-2172 Sep 30 j 08:41	0°♎	
	-2172 Oct 20 j 19:00	0°♏	

greatest brilliancy	-2172 Oct 21 j 03:13	0°♏27'12	-0.5m
evening max el	-2172 Oct 27 j 01:36	7°♏32'26	20°40'52
retrograde	-2172 Nov 04 j 05:36	12°♏22'11	
asc. node	-2172 Nov 07 j 19:13	11°♏09'07	
evening set	-2172 Nov 08 j 01:03	10°♏58'44	
inferior conj	-2172 Nov 13 j 12:05	4°♏47'46	1°52'20
minimum elong	-2172 Nov 13 j 09:45	4°♏55'42	1°51'26
min. Earth dist.	-2172 Nov 14 j 02:00	4°♏00'23	0.67068 AU
	-2172 Nov 17 j 06:20	30°℞♎	
morning rise	-2172 Nov 18 j 17:58	28°♎31'25	
direct	-2172 Nov 24 j 04:15	26°♎10'19	
	-2172 Dec 02 j 06:43	0°♏	
morning max el	-2172 Dec 05 j 07:47	2°♏49'18	24°19'41
desc. node	-2172 Dec 18 j 23:39	19°♏42'01	
	-2172 Dec 26 j 01:49	0°♐	
morning set	-2171 Jan 10 j 03:18	24°♐23'19	
	-2171 Jan 13 j 07:36	0°♑	
max. Earth dist.	-2171 Jan 13 j 22:43	1°♑07'56	1.37945 AU
superior conj	-2171 Jan 20 j 21:33	14°♑05'09	-1°-48'-11
minimum elong	-2171 Jan 21 j 00:32	14°♑19'27	1°48'02
	-2171 Jan 29 j 00:00	0°♒	
evening rise	-2171 Jan 29 j 15:20	1°♒15'50	
asc. node	-2171 Feb 03 j 18:33	11°♒10'08	
evening max el	-2171 Feb 15 j 07:10	28°♒08'15	19°04'04
	-2171 Feb 17 j 12:32	0°♓	
retrograde	-2171 Feb 23 j 21:58	2°♓16'15	
evening set	-2171 Feb 26 j 05:21	1°♓59'43	
	-2171 Mar 02 j 21:11	30°℞♒	
inferior conj	-2171 Mar 06 j 07:08	27°♒45'49	2°42'20
minimum elong	-2171 Mar 06 j 11:51	27°♒37'36	2°41'08
min. Earth dist.	-2171 Mar 09 j 09:31	25°♒37'13	0.56981 AU
morning rise	-2171 Mar 14 j 14:19	22°♒45'38	
desc. node	-2171 Mar 16 j 22:46	22°♒01'45	
direct	-2171 Mar 19 j 17:54	21°♒43'03	
morning max el	-2171 Apr 02 j 23:52	29°♒04'11	25°31'41
	-2171 Apr 03 j 22:28	0°♓	
	-2171 Apr 24 j 06:06	0°♈	
morning set	-2171 Apr 30 j 03:47	11°♈51'26	
asc. node	-2171 May 02 j 17:55	17°♈22'25	
superior conj	-2171 May 07 j 04:45	27°♈03'42	0°45'19
minimum elong	-2171 May 07 j 02:54	26°♈53'34	0°44'58
max. Earth dist.	-2171 May 08 j 02:26	29°♈01'53	1.32780 AU
	-2171 May 08 j 13:07	0°♉	
evening rise	-2171 May 14 j 08:38	12°♉21'03	
	-2171 May 23 j 13:06	0°♊	
desc. node	-2171 Jun 12 j 21:54	29°♊07'01	
	-2171 Jun 13 j 18:31	0°♋	
evening max el	-2171 Jun 14 j 22:21	1°♋08'17	27°12'21
retrograde	-2171 Jun 28 j 20:06	8°♋28'49	
evening set	-2171 Jul 05 j 21:32	6°♋09'39	
min. Earth dist.	-2171 Jul 09 j 12:11	3°♋22'11	0.61774 AU
inferior conj	-2171 Jul 12 j 14:48	0°♋32'45	-4°-16'-5
minimum elong	-2171 Jul 12 j 17:58	0°♋25'30	4°15'38
	-2171 Jul 13 j 05:13	30°℞♊	
morning rise	-2171 Jul 19 j 17:09	25°♊34'20	
direct	-2171 Jul 22 j 04:41	25°♊08'00	
morning max el	-2171 Jul 29 j 01:45	28°♊34'48	17°57'54
asc. node	-2171 Jul 29 j 17:08	29°♊13'45	
	-2171 Jul 30 j 10:04	0°♋	
morning set	-2171 Aug 14 j 02:22	23°♋44'42	
	-2171 Aug 17 j 12:59	0°♌	
superior conj	-2171 Aug 24 j 18:47	12°♌50'45	1°27'42
minimum elong	-2171 Aug 24 j 23:29	13°♌11'04	1°27'17
max. Earth dist.	-2171 Sep 01 j 03:32	25°♌17'06	1.42484 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2171 Sep 04 j 00:55	0°♍	
evening rise	-2171 Sep 08 j 01:07	6°♍23'42	
desc. node	-2171 Sep 08 j 21:16	7°♍42'55	
	-2171 Sep 23 j 16:11	0°♎	
greatest brilliancy	-2171 Oct 05 j 02:15	15°♎31'03	-0.4m
evening max el	-2171 Oct 09 j 21:41	20°♎59'08	21°53'51
retrograde	-2171 Oct 19 j 01:47	26°♎26'18	
evening set	-2171 Oct 23 j 08:58	24°♎45'26	
asc. node	-2171 Oct 25 j 16:15	22°♎28'57	
inferior conj	-2171 Oct 28 j 18:13	18°♎27'17	1°02'49
minimum elong	-2171 Oct 28 j 16:48	18°♎32'10	1°02'12
min. Earth dist.	-2171 Oct 28 j 21:18	18°♎16'38	0.67447 AU
morning rise	-2171 Nov 03 j 00:23	12°♎11'14	
direct	-2171 Nov 07 j 19:23	10°♎11'43	
morning max el	-2171 Nov 17 j 17:44	16°♎06'31	22°52'30
greatest brilliancy	-2171 Nov 22 j 12:19	21°♎27'52	-0.3m
	-2171 Nov 29 j 02:11	0°♏	
desc. node	-2171 Dec 05 j 20:40	9°♏35'37	
	-2171 Dec 19 j 03:04	0°♐	
morning set	-2171 Dec 21 j 22:59	4°♐37'06	
max. Earth dist.	-2171 Dec 26 j 18:11	12°♐41'23	1.40041 AU
superior conj	-2170 Jan 03 j 12:20	26°♐25'04	-1°-57'-31
minimum elong	-2170 Jan 03 j 13:20	26°♐29'37	1°57'34
	-2170 Jan 05 j 11:06	0°♑	
evening rise	-2170 Jan 13 j 05:55	14°♑42'04	
asc. node	-2170 Jan 21 j 15:34	0°♒04'15	
	-2170 Jan 21 j 14:33	0°♒	
evening max el	-2170 Jan 29 j 11:00	10°♒43'09	18°26'42
retrograde	-2170 Feb 05 j 22:02	14°♒23'02	
evening set	-2170 Feb 08 j 09:22	14°♒00'07	
inferior conj	-2170 Feb 15 j 18:14	9°♒25'56	3°35'38
minimum elong	-2170 Feb 15 j 21:22	9°♒19'33	3°35'09
min. Earth dist.	-2170 Feb 19 j 04:17	6°♒40'51	0.58868 AU
morning rise	-2170 Feb 23 j 05:46	3°♒59'40	
direct	-2170 Mar 01 j 10:58	2°♒19'15	
desc. node	-2170 Mar 03 j 19:49	2°♒33'33	
morning max el	-2170 Mar 15 j 17:57	9°♒56'19	26°48'29
	-2170 Mar 31 j 03:19	0°♓	
morning set	-2170 Apr 14 j 14:13	26°♓46'31	
	-2170 Apr 16 j 02:56	0°♈	
asc. node	-2170 Apr 19 j 14:57	7°♈33'19	
superior conj	-2170 Apr 21 j 16:27	12°♈04'14	0°21'36
minimum elong	-2170 Apr 21 j 15:30	11°♈59'02	0°21'25
max. Earth dist.	-2170 Apr 21 j 15:17	11°♈57'50	1.32488 AU
evening rise	-2170 Apr 28 j 16:31	27°♈11'12	
	-2170 Apr 30 j 01:05	0°♉	
	-2170 May 17 j 03:52	0°♊	
evening max el	-2170 May 27 j 23:49	13°♊02'29	26°26'51
desc. node	-2170 May 30 j 18:56	15°♊30'07	
retrograde	-2170 Jun 11 j 01:03	20°♊19'07	
evening set	-2170 Jun 17 j 12:16	18°♊33'35	
min. Earth dist.	-2170 Jun 21 j 13:03	15°♊54'28	0.59743 AU
inferior conj	-2170 Jun 24 j 21:39	13°♊15'01	-4°-30'-58
minimum elong	-2170 Jun 24 j 22:08	13°♊14'04	4°30'56
morning rise	-2170 Jul 02 j 11:25	8°♊38'44	
direct	-2170 Jul 04 j 22:45	8°♊16'36	
morning max el	-2170 Jul 12 j 12:09	11°♊55'15	18°18'40
asc. node	-2170 Jul 16 j 14:12	16°♊43'37	
	-2170 Jul 24 j 14:41	0°♋	
morning set	-2170 Jul 28 j 11:50	7°♋17'10	
superior conj	-2170 Aug 06 j 21:38	24°♋56'51	1°43'44
minimum elong	-2170 Aug 06 j 23:58	25°♋07'35	1°43'40
	-2170 Aug 09 j 16:46	0°♌	
max. Earth dist.	-2170 Aug 14 j 09:43	8°♌13'49	1.40658 AU
evening rise	-2170 Aug 19 j 05:10	16°♌18'09	
desc. node	-2170 Aug 26 j 18:16	28°♌20'09	
	-2170 Aug 27 j 20:11	0°♍	
greatest brilliancy	-2170 Sep 16 j 16:14	27°♍51'36	-0.2m
	-2170 Sep 18 j 10:58	0°♎	
evening max el	-2170 Sep 22 j 12:41	4°♎27'34	23°13'19
retrograde	-2170 Oct 02 j 19:18	10°♎32'27	
evening set	-2170 Oct 07 j 16:07	8°♎32'39	
min. Earth dist.	-2170 Oct 12 j 17:49	2°♎35'48	0.67519 AU
asc. node	-2170 Oct 12 j 13:18	2°♎51'17	
inferior conj	-2170 Oct 13 j 01:03	2°♎10'58	0°10'07
minimum elong	-2170 Oct 13 j 00:49	2°♎11'47	0°10'00
transit middle	-2170 Oct 13 j 00:49	2°♎11'47	0°10'00
transit begin	-2170 Oct 12 j 22:40	2°♎19'08	
transit end	-2170 Oct 13 j 02:57	2°♎04'27	
	-2170 Oct 14 j 15:50	30°℞♍	
morning rise	-2170 Oct 18 j 09:30	25°♍58'09	
direct	-2170 Oct 22 j 14:13	24°♍20'37	
morning max el	-2170 Oct 31 j 08:34	29°♍30'26	21°29'06
	-2170 Oct 31 j 20:03	0°♎	
greatest brilliancy	-2170 Nov 05 j 11:47	5°♎24'27	-0.4m
desc. node	-2170 Nov 22 j 17:42	29°♎49'27	
	-2170 Nov 22 j 20:29	0°♏	
morning set	-2170 Dec 01 j 14:07	13°♏29'45	
max. Earth dist.	-2170 Dec 08 j 19:35	25°♏09'14	1.42033 AU
	-2170 Dec 11 j 17:31	0°♐	
superior conj	-2170 Dec 16 j 05:55	7°♐41'43	-1°-55'-7
minimum elong	-2170 Dec 16 j 03:13	7°♐30'03	1°55'05
evening rise	-2170 Dec 27 j 08:00	27°♐29'06	
	-2170 Dec 28 j 17:08	0°♑	
asc. node	-2169 Jan 08 j 12:35	18°♑21'58	
evening max el	-2169 Jan 12 j 20:32	23°♑41'08	18°09'16
retrograde	-2169 Jan 19 j 15:17	27°♑08'37	
evening set	-2169 Jan 22 j 06:08	26°♑38'07	
inferior conj	-2169 Jan 29 j 00:52	21°♑41'44	3°56'23
minimum elong	-2169 Jan 29 j 01:27	21°♑40'22	3°56'18
min. Earth dist.	-2169 Feb 01 j 05:01	18°♑44'23	0.60926 AU
morning rise	-2169 Feb 04 j 18:06	15°♑57'16	
direct	-2169 Feb 11 j 14:44	13°♑40'55	
desc. node	-2169 Feb 18 j 16:54	15°♑50'24	
morning max el	-2169 Feb 25 j 18:11	21°♑25'33	27°34'22
	-2169 Mar 05 j 06:14	0°♒	
	-2169 Mar 24 j 01:43	0°♓	
morning set	-2169 Mar 29 j 21:17	11°♓29'28	
max. Earth dist.	-2169 Apr 05 j 03:51	24°♓50'25	1.32545 AU
superior conj	-2169 Apr 06 j 03:45	27°♓00'46	0°-3'-38
minimum elong	-2169 Apr 06 j 03:54	27°♓01'39	0°03'36
behind sun begin	-2169 Apr 05 j 22:58	26°♓34'41	
behind sun end	-2169 Apr 06 j 08:51	27°♓28'39	
asc. node	-2169 Apr 06 j 12:00	27°♓45'51	
	-2169 Apr 07 j 12:32	0°♈	
evening rise	-2169 Apr 13 j 03:18	12°♈07'29	
	-2169 Apr 22 j 06:45	0°♉	
evening max el	-2169 May 09 j 18:49	24°♉14'01	25°12'58
desc. node	-2169 May 17 j 15:59	29°♉55'27	
	-2169 May 17 j 19:57	0°♊	
retrograde	-2169 May 23 j 19:42	1°♊23'01	
evening set	-2169 May 29 j 04:36	0°♊16'09	
	-2169 May 29 j 19:47	30°℞♉	
min. Earth dist.	-2169 Jun 03 j 06:47	27°♉28'20	0.57752 AU
inferior conj	-2169 Jun 06 j 09:46	25°♉20'06	-4°-17'-26
minimum elong	-2169 Jun 06 j 06:14	25°♉26'12	4°17'01
morning rise	-2169 Jun 14 j 11:47	21°♉05'32	
direct	-2169 Jun 17 j 00:05	20°♉46'33	
morning max el	-2169 Jun 25 j 15:41	24°♉49'31	18°59'52

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2169 Jun 30 j 02:52	0°♊		
asc. node	-2169 Jul 03 j 11:18	5°♊02'46		
morning set	-2169 Jul 12 j 07:46	21°♊22'02		
	-2169 Jul 16 j 16:45	0°♋		
superior conj	-2169 Jul 20 j 19:49	8°♋01'57	1°48'25	
minimum elong	-2169 Jul 20 j 19:52	8°♋02'08	1°48'28	
max. Earth dist.	-2169 Jul 27 j 12:28	20°♋29'32	1.38679 AU	
evening rise	-2169 Jul 31 j 10:46	27°♋25'41		
	-2169 Aug 01 j 22:44	0°♌		
desc. node	-2169 Aug 13 j 15:17	18°♌46'43		
	-2169 Aug 21 j 08:32	0°♍		
evening max el	-2169 Sep 05 j 00:30	17°♍58'24	24°33'04	
retrograde	-2169 Sep 16 j 09:01	24°♍36'44		
evening set	-2169 Sep 21 j 20:46	22°♍18'05		
min. Earth dist.	-2169 Sep 26 j 13:10	16°♍55'41	0.67280 AU	
inferior conj	-2169 Sep 27 j 06:52	15°♍56'30	0°-44'-11	
minimum elong	-2169 Sep 27 j 07:55	15°♍52'56	0°43'45	
asc. node	-2169 Sep 29 j 10:24	13°♍09'41		
morning rise	-2169 Oct 02 j 19:25	9°♍49'51		
direct	-2169 Oct 06 j 11:27	8°♍32'33		
morning max el	-2169 Oct 14 j 06:39	13°♍03'40	20°15'35	
greatest brilliancy	-2169 Oct 21 j 01:51	21°♍18'41	-0.6m	
	-2169 Oct 27 j 04:49	0°♎		
desc. node	-2169 Nov 09 j 14:43	20°♎17'07		
morning set	-2169 Nov 10 j 12:06	21°♎39'44		
	-2169 Nov 15 j 20:23	0°♏		
max. Earth dist.	-2169 Nov 21 j 04:47	8°♏29'40	1.43626 AU	
superior conj	-2169 Nov 26 j 21:07	17°♏42'59	-1°-36'-54	
minimum elong	-2169 Nov 26 j 14:24	17°♏15'23	1°36'24	
	-2169 Dec 04 j 05:14	0°♐		
evening rise	-2169 Dec 09 j 17:21	9°♐28'18		
	-2169 Dec 21 j 23:21	0°♑		
asc. node	-2169 Dec 26 j 09:37	5°♑52'24		
evening max el	-2169 Dec 27 j 08:47	6°♑54'07	18°11'19	
retrograde	-2168 Jan 02 j 21:25	10°♑22'37		
evening set	-2168 Jan 05 j 15:50	9°♑43'41		
inferior conj	-2168 Jan 11 j 23:31	4°♑26'15	3°52'51	
minimum elong	-2168 Jan 11 j 22:01	4°♑30'12	3°52'40	
min. Earth dist.	-2168 Jan 14 j 14:45	1°♑38'58	0.62857 AU	
	-2168 Jan 16 j 07:19	30°℞♐		
morning rise	-2168 Jan 18 j 02:22	28°♐29'14		
direct	-2168 Jan 25 j 03:08	25°♐48'14		
	-2168 Feb 03 j 22:54	0°♑		
desc. node	-2168 Feb 05 j 13:58	1°♑20'35		
morning max el	-2168 Feb 08 j 00:14	3°♑36'04	27°43'53	
	-2168 Feb 27 j 17:47	0°♒		
morning set	-2168 Mar 12 j 22:48	25°♒52'59		
	-2168 Mar 14 j 23:16	0°♓		
max. Earth dist.	-2168 Mar 18 j 12:12	7°♓26'00	1.32969 AU	
superior conj	-2168 Mar 20 j 12:57	11°♓47'38	0°-29'-28	
minimum elong	-2168 Mar 20 j 14:18	11°♓54'58	0°29'12	
asc. node	-2168 Mar 23 j 09:02	17°♓56'06		
evening rise	-2168 Mar 27 j 15:07	27°♓03'14		
	-2168 Mar 29 j 00:57	0°♈		
	-2168 Apr 15 j 21:24	0°♉		
evening max el	-2168 Apr 20 j 10:06	4°♉57'18	23°41'47	
desc. node	-2168 May 03 j 13:02	11°♉47'03		
retrograde	-2168 May 04 j 02:28	11°♉47'45		
evening set	-2168 May 08 j 02:01	11°♉12'47		
min. Earth dist.	-2168 May 14 j 20:59	8°♉02'11	0.56126 AU	
inferior conj	-2168 May 17 j 01:47	6°♉42'31	-3°-24'-32	
minimum elong	-2168 May 16 j 19:20	6°♉52'17	3°22'59	
morning rise	-2168 May 25 j 16:20	2°♉44'01		
direct	-2168 May 28 j 06:13	2°♉27'14		

morning max el	-2168 Jun 07 j 09:55	7°♉09'15	20°01'43	
asc. node	-2168 Jun 19 j 08:23	23°♉59'46		
	-2168 Jun 22 j 12:33	0°♊		
morning set	-2168 Jun 25 j 11:04	5°♊51'14		
superior conj	-2168 Jul 03 j 08:06	21°♊51'20	1°44'17	
minimum elong	-2168 Jul 03 j 06:31	21°♊43'28	1°44'15	
	-2168 Jul 07 j 11:29	0°♋		
max. Earth dist.	-2168 Jul 08 j 16:40	2°♋19'45	1.36798 AU	
evening rise	-2168 Jul 12 j 15:57	9°♋43'02		
	-2168 Jul 24 j 15:00	0°♌		
desc. node	-2168 Jul 30 j 12:17	8°♌57'15		
	-2168 Aug 15 j 23:08	0°♍		
evening max el	-2168 Aug 17 j 11:28	1°♍31'46	25°45'37	
retrograde	-2168 Aug 29 j 18:25	8°♍34'52		
evening set	-2168 Sep 04 j 21:02	6°♍00'06		
min. Earth dist.	-2168 Sep 09 j 04:56	1°♍14'30	0.66717 AU	
inferior conj	-2168 Sep 10 j 09:53	29°♌42'13	-1°-38'-30	
minimum elong	-2168 Sep 10 j 12:16	29°♌34'37	1°37'32	
	-2168 Sep 10 j 04:19	30°℞♌		
asc. node	-2168 Sep 15 j 07:31	24°♌20'54		
morning rise	-2168 Sep 16 j 04:12	23°♌44'45		
direct	-2168 Sep 19 j 09:44	22°♌44'29		
morning max el	-2168 Sep 26 j 12:06	26°♌46'04	19°15'37	
	-2168 Sep 29 j 08:31	0°♍		
greatest brilliancy	-2168 Oct 07 j 12:38	11°♍27'08	-0.7m	
morning set	-2168 Oct 19 j 16:30	0°♎15'45		
	-2168 Oct 19 j 12:28	0°♎		
desc. node	-2168 Oct 26 j 11:43	10°♎54'13		
max. Earth dist.	-2168 Nov 02 j 19:48	22°♎26'13	1.44624 AU	
superior conj	-2168 Nov 05 j 10:13	26°♎33'20	-1°-1'-10	
minimum elong	-2168 Nov 05 j 03:11	26°♎05'23	1°00'23	
	-2168 Nov 07 j 14:10	0°♏		
evening rise	-2168 Nov 20 j 05:28	20°♏30'55		
	-2168 Nov 25 j 23:18	0°♐		
evening max el	-2168 Dec 09 j 21:01	20°♐15'31	18°32'02	
asc. node	-2168 Dec 12 j 06:41	22°♐21'48		
retrograde	-2168 Dec 16 j 11:54	23°♐55'47		
evening set	-2168 Dec 19 j 10:56	23°♐07'07		
inferior conj	-2168 Dec 25 j 10:13	17°♐30'59	3°32'14	
minimum elong	-2168 Dec 25 j 07:34	17°♐38'47	3°31'43	
min. Earth dist.	-2168 Dec 27 j 10:29	15°♐09'33	0.64501 AU	
morning rise	-2168 Dec 31 j 02:54	11°♐25'16		
direct	-2167 Jan 06 j 22:58	8°♐34'24		
morning max el	-2167 Jan 20 j 09:26	16°♐18'42	27°18'09	
desc. node	-2167 Jan 22 j 11:02	18°♐27'36		
	-2167 Jan 31 j 18:35	0°♑		
	-2167 Feb 19 j 11:40	0°♒		
morning set	-2167 Feb 24 j 15:48	9°♒46'26		
max. Earth dist.	-2167 Mar 01 j 12:06	19°♒30'18	1.33803 AU	
superior conj	-2167 Mar 04 j 18:05	26°♒17'25	0°-54'-57	
minimum elong	-2167 Mar 04 j 20:33	26°♒30'31	0°54'33	
	-2167 Mar 06 j 12:03	0°♓		
asc. node	-2167 Mar 10 j 06:03	7°♓59'06		
evening rise	-2167 Mar 12 j 02:03	11°♓50'51		
	-2167 Mar 21 j 12:18	0°♈		
evening max el	-2167 Apr 02 j 04:00	15°♈39'13	22°07'42	
retrograde	-2167 Apr 14 j 21:28	21°♈51'54		
evening set	-2167 Apr 17 j 16:51	21°♈34'26		
desc. node	-2167 Apr 20 j 10:07	20°♈46'52		
min. Earth dist.	-2167 Apr 26 j 10:36	17°♈48'29	0.55202 AU	
inferior conj	-2167 Apr 27 j 01:35	17°♈27'19	-1°-49'-58	
minimum elong	-2167 Apr 26 j 20:41	17°♈34'14	1°48'22	
morning rise	-2167 May 06 j 02:07	13°♈30'53		
direct	-2167 May 08 j 21:00	13°♈13'25		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning max el	-2167 May 20 j 17:13	18°♈46'54	21°22'49
	-2167 May 29 j 16:13	0°♉	
asc. node	-2167 Jun 06 j 05:27	13°♉24'20	
morning set	-2167 Jun 09 j 19:12	20°♉36'52	
	-2167 Jun 14 j 07:01	0°♊	
superior conj	-2167 Jun 17 j 06:10	6°♊11'29	1°33'28
minimum elong	-2167 Jun 17 j 03:45	5°♊58'59	1°33'16
max. Earth dist.	-2167 Jun 21 j 04:02	14°♊10'40	1.35197 AU
evening rise	-2167 Jun 25 j 15:35	22°♊56'17	
	-2167 Jun 29 j 10:52	0°♋	
desc. node	-2167 Jul 17 j 09:20	28°♋44'16	
	-2167 Jul 18 j 07:13	0°♌	
evening max el	-2167 Jul 30 j 22:54	15°♌03'21	26°43'10
retrograde	-2167 Aug 12 j 22:53	22°♌20'27	
evening set	-2167 Aug 19 j 14:44	19°♌35'47	
min. Earth dist.	-2167 Aug 23 j 14:52	15°♌28'17	0.65799 AU
inferior conj	-2167 Aug 25 j 08:09	13°♌25'15	-2°-30'-51
minimum elong	-2167 Aug 25 j 11:40	13°♌14'46	2°29'35
morning rise	-2167 Aug 31 j 09:45	7°♌40'01	
asc. node	-2167 Sep 02 j 04:36	7°♌00'04	
direct	-2167 Sep 03 j 07:09	6°♌53'12	
morning max el	-2167 Sep 09 j 23:15	10°♌34'12	18°31'23
	-2167 Sep 23 j 15:10	0°♍	
morning set	-2167 Sep 29 j 21:28	10°♍06'37	
	-2167 Oct 12 j 08:04	0°♎	
desc. node	-2167 Oct 13 j 08:43	1°♎37'24	
superior conj	-2167 Oct 15 j 10:11	4°♎52'28	0°-13'-15
minimum elong	-2167 Oct 15 j 08:26	4°♎45'34	0°13'01
behind sun begin	-2167 Oct 15 j 01:32	4°♎18'23	
behind sun end	-2167 Oct 15 j 15:20	5°♎12'44	
max. Earth dist.	-2167 Oct 16 j 13:38	6°♎40'31	1.44917 AU
	-2167 Oct 31 j 09:09	0°♏	
evening rise	-2167 Oct 31 j 17:19	0°♏32'19	
	-2167 Nov 20 j 02:53	0°♐	
evening max el	-2167 Nov 23 j 06:51	3°♐41'27	19°10'08
asc. node	-2167 Nov 29 j 03:44	7°♐35'10	
retrograde	-2167 Nov 30 j 07:08	7°♐42'29	
evening set	-2167 Dec 03 j 12:29	6°♐42'09	
inferior conj	-2167 Dec 09 j 05:35	0°♐50'08	2°59'42
minimum elong	-2167 Dec 09 j 02:35	0°♐59'37	2°58'52
	-2167 Dec 09 j 21:23	30°℞♏	
min. Earth dist.	-2167 Dec 10 j 15:22	29°♏03'15	0.65789 AU
morning rise	-2167 Dec 14 j 15:47	24°♏38'32	
direct	-2167 Dec 21 j 01:09	21°♏51'42	
morning max el	-2166 Jan 02 j 18:58	29°♏20'51	26°23'17
	-2166 Jan 03 j 10:23	0°♐	
desc. node	-2166 Jan 09 j 08:03	6°♐43'25	
	-2166 Jan 25 j 15:03	0°♑	
morning set	-2166 Feb 07 j 20:31	22°♑58'04	
	-2166 Feb 11 j 12:34	0°♒	
max. Earth dist.	-2166 Feb 12 j 00:26	0°♒58'12	1.35088 AU
superior conj	-2166 Feb 16 j 16:54	10°♒23'21	-1°-18'-45
minimum elong	-2166 Feb 16 j 20:11	10°♒40'09	1°18'20
evening rise	-2166 Feb 24 j 10:18	26°♒24'23	
asc. node	-2166 Feb 25 j 03:04	27°♒50'26	
	-2166 Feb 26 j 04:33	0°♓	
evening max el	-2166 Mar 15 j 06:32	26°♓46'00	20°42'56
	-2166 Mar 19 j 09:50	0°♈	
retrograde	-2166 Mar 26 j 10:37	2°♈06'41	
evening set	-2166 Mar 28 j 17:10	1°♈54'18	
	-2166 Apr 03 j 02:35	30°℞♓	
inferior conj	-2166 Apr 06 j 20:32	27°♓56'58	0°07'29
minimum elong	-2166 Apr 06 j 20:53	27°♓56'29	0°07'21
transit middle	-2166 Apr 06 j 20:53	27°♓56'29	0°07'21
transit begin	-2166 Apr 06 j 17:16	28°♓01'40	
transit end	-2166 Apr 07 j 00:29	27°♓51'17	
desc. node	-2166 Apr 07 j 07:10	27°♓41'40	
min. Earth dist.	-2166 Apr 08 j 00:34	27°♓16'40	0.55202 AU
morning rise	-2166 Apr 15 j 23:03	23°♓44'21	
direct	-2166 Apr 19 j 08:50	23°♓19'07	
morning max el	-2166 May 02 j 14:25	29°♓44'40	22°58'14
	-2166 May 02 j 20:52	0°♈	
	-2166 May 22 j 13:18	0°♉	
asc. node	-2166 May 24 j 02:28	3°♉09'14	
morning set	-2166 May 25 j 06:11	5°♉33'02	
superior conj	-2166 Jun 01 j 10:52	20°♉52'36	1°17'37
minimum elong	-2166 Jun 01 j 08:16	20°♉38'49	1°17'16
max. Earth dist.	-2166 Jun 04 j 01:22	26°♉22'42	1.33968 AU
	-2166 Jun 05 j 19:15	0°♊	
evening rise	-2166 Jun 09 j 04:48	6°♊51'16	
	-2166 Jun 22 j 00:49	0°♋	
desc. node	-2166 Jul 04 j 06:22	17°♋57'17	
evening max el	-2166 Jul 13 j 10:25	28°♋23'40	27°18'00
	-2166 Jul 15 j 04:24	0°♌	
retrograde	-2166 Jul 26 j 21:48	5°♌45'09	
evening set	-2166 Aug 02 j 23:05	3°♌00'17	
	-2166 Aug 06 j 05:07	30°℞♋	
min. Earth dist.	-2166 Aug 06 j 16:39	29°♋29'38	0.64512 AU
inferior conj	-2166 Aug 08 j 23:20	27°♋00'39	-3°-18'-49
minimum elong	-2166 Aug 09 j 03:31	26°♋49'14	3°17'37
morning rise	-2166 Aug 15 j 09:35	21°♋30'58	
direct	-2166 Aug 18 j 01:25	20°♋54'07	
asc. node	-2166 Aug 20 j 01:40	21°♋15'15	
morning max el	-2166 Aug 24 j 13:44	24°♋22'47	18°04'08
	-2166 Aug 29 j 03:16	0°♌	
morning set	-2166 Sep 11 j 06:17	21°♌18'24	
	-2166 Sep 16 j 10:31	0°♍	
superior conj	-2166 Sep 24 j 19:10	13°♍42'03	0°34'47
minimum elong	-2166 Sep 24 j 23:05	13°♍57'49	0°34'17
max. Earth dist.	-2166 Sep 29 j 07:34	20°♍55'21	1.44482 AU
desc. node	-2166 Sep 30 j 05:44	22°♍23'11	
	-2166 Oct 05 j 01:58	0°♎	
evening rise	-2166 Oct 11 j 07:30	9°♎40'43	
	-2166 Oct 24 j 15:34	0°♏	
greatest brilliancy	-2166 Oct 30 j 11:22	8°♏25'00	-0.6m
evening max el	-2166 Nov 06 j 12:14	17°♏08'37	20°03'53
retrograde	-2166 Nov 14 j 04:18	21°♏38'14	
asc. node	-2166 Nov 16 j 00:47	21°♏18'26	
evening set	-2166 Nov 17 j 18:04	20°♏23'51	
inferior conj	-2166 Nov 23 j 06:50	14°♏18'58	2°18'43
minimum elong	-2166 Nov 23 j 04:08	14°♏28'01	2°17'46
min. Earth dist.	-2166 Nov 24 j 03:34	13°♏09'52	0.66709 AU
morning rise	-2166 Nov 28 j 13:35	8°♏03'53	
direct	-2166 Dec 04 j 08:49	5°♏31'30	
morning max el	-2166 Dec 16 j 03:34	12°♏31'37	25°08'07
desc. node	-2166 Dec 27 j 05:04	25°♏47'28	
	-2166 Dec 30 j 06:27	0°♐	
	-2165 Jan 18 j 08:54	0°♑	
morning set	-2165 Jan 21 j 07:49	5°♑12'35	
max. Earth dist.	-2165 Jan 25 j 01:39	12°♑02'40	1.36809 AU
superior conj	-2165 Jan 31 j 06:27	23°♑56'26	-1°-39'-3
minimum elong	-2165 Jan 31 j 09:51	24°♑13'12	1°38'46
	-2165 Feb 03 j 07:28	0°♒	
evening rise	-2165 Feb 08 j 13:43	10°♒37'06	
asc. node	-2165 Feb 12 j 00:05	17°♒24'40	
	-2165 Feb 19 j 02:57	0°♓	
evening max el	-2165 Feb 25 j 19:50	8°♓28'29	19°34'37
retrograde	-2165 Mar 07 j 06:59	12°♓59'23	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening set	-2165 Mar 09 j 12:49	12°♓45'19	
inferior conj	-2165 Mar 18 j 00:49	8°♓40'36	1°54'51
minimum elong	-2165 Mar 18 j 05:05	8°♓33'46	1°53'33
min. Earth dist.	-2165 Mar 20 j 14:59	7°♓01'40	0.56117 AU
desc. node	-2165 Mar 25 j 04:11	4°♓34'37	
morning rise	-2165 Mar 26 j 17:49	3°♓58'57	
direct	-2165 Mar 31 j 05:01	3°♓14'04	
morning max el	-2165 Apr 14 j 05:43	10°♓18'58	24°38'04
	-2165 Apr 28 j 23:58	0°♈	
morning set	-2165 May 09 j 18:18	20°♈34'15	
asc. node	-2165 May 10 j 23:29	23°♈08'40	
	-2165 May 14 j 03:54	0°♉	
superior conj	-2165 May 16 j 19:48	5°♉47'02	0°57'58
minimum elong	-2165 May 16 j 17:34	5°♉34'53	0°57'35
max. Earth dist.	-2165 May 18 j 07:30	8°♉59'58	1.33112 AU
evening rise	-2165 May 24 j 03:35	21°♉15'55	
	-2165 May 28 j 13:56	0°♊	
	-2165 Jun 16 j 01:00	0°♋	
desc. node	-2165 Jun 21 j 03:23	6°♋22'04	
evening max el	-2165 Jun 25 j 19:59	11°♋19'58	27°23'44
retrograde	-2165 Jul 09 j 14:22	18°♋40'41	
evening set	-2165 Jul 16 j 18:38	16°♋08'08	
min. Earth dist.	-2165 Jul 20 j 08:39	13°♋08'20	0.62868 AU
inferior conj	-2165 Jul 23 j 04:40	10°♋22'28	-3°-58'-45
minimum elong	-2165 Jul 23 j 08:36	10°♋12'49	3°57'58
morning rise	-2165 Jul 30 j 00:49	5°♋11'43	
direct	-2165 Aug 01 j 13:25	4°♋42'03	
asc. node	-2165 Aug 06 j 22:43	6°♋58'18	
morning max el	-2165 Aug 08 j 04:54	8°♋06'38	17°54'48
	-2165 Aug 22 j 13:23	0°♌	
morning set	-2165 Aug 24 j 14:25	3°♌37'13	
superior conj	-2165 Sep 05 j 05:03	23°♌46'25	1°12'22
minimum elong	-2165 Sep 05 j 10:28	24°♌09'11	1°11'48
	-2165 Sep 08 j 22:50	0°♍	
max. Earth dist.	-2165 Sep 11 j 22:41	4°♍53'10	1.43378 AU
desc. node	-2165 Sep 17 j 02:46	13°♍08'38	
evening rise	-2165 Sep 20 j 12:54	18°♍29'54	
	-2165 Sep 28 j 01:25	0°♎	
greatest brilliancy	-2165 Oct 15 j 04:16	24°♎23'50	-0.5m
	-2165 Oct 19 j 22:06	0°♏	
evening max el	-2165 Oct 20 j 11:50	0°♏35'49	21°10'45
retrograde	-2165 Oct 29 j 01:22	5°♏40'34	
evening set	-2165 Nov 02 j 01:41	4°♏09'46	
asc. node	-2165 Nov 02 j 21:50	3°♏27'35	
	-2165 Nov 05 j 22:52	30°℞♎	
inferior conj	-2165 Nov 07 j 11:46	27°♎55'20	1°31'47
minimum elong	-2165 Nov 07 j 09:47	28°♎02'08	1°30'59
min. Earth dist.	-2165 Nov 07 j 20:54	27°♎23'59	0.67277 AU
morning rise	-2165 Nov 12 j 17:33	21°♎39'04	
direct	-2165 Nov 17 j 21:19	19°♎27'02	
morning max el	-2165 Nov 28 j 12:22	25°♎47'04	23°42'36
	-2165 Dec 02 j 08:43	0°♏	
desc. node	-2165 Dec 14 j 02:07	15°♏26'07	
	-2165 Dec 23 j 20:08	0°♐	
morning set	-2164 Jan 02 j 19:36	16°♐14'07	
max. Earth dist.	-2164 Jan 06 j 21:23	23°♐17'19	1.38836 AU
	-2164 Jan 10 j 15:10	0°♑	
superior conj	-2164 Jan 14 j 06:56	6°♑46'33	-1°-53'-20
minimum elong	-2164 Jan 14 j 09:16	6°♑57'36	1°53'16
evening rise	-2164 Jan 23 j 09:52	24°♑22'41	
	-2164 Jan 26 j 07:45	0°♒	
asc. node	-2164 Jan 29 j 21:07	6°♒35'39	
evening max el	-2164 Feb 08 j 19:00	20°♒45'47	18°45'40
retrograde	-2164 Feb 16 j 20:33	24°♒40'04	
evening set	-2164 Feb 19 j 05:39	24°♒20'58	
inferior conj	-2164 Feb 26 j 23:54	19°♒58'30	3°09'28
minimum elong	-2164 Feb 27 j 04:13	19°♒50'28	3°08'32
min. Earth dist.	-2164 Mar 01 j 07:22	17°♒31'59	0.57736 AU
morning rise	-2164 Mar 05 j 22:52	14°♒46'24	
desc. node	-2164 Mar 11 j 01:15	13°♒29'22	
direct	-2164 Mar 11 j 14:10	13°♒28'39	
morning max el	-2164 Mar 25 j 21:27	20°♒57'22	26°07'44
	-2164 Apr 02 j 17:18	0°♓	
	-2164 Apr 20 j 13:01	0°♈	
morning set	-2164 Apr 23 j 05:51	5°♈33'40	
asc. node	-2164 Apr 26 j 20:31	13°♈16'49	
superior conj	-2164 Apr 30 j 07:00	20°♈47'11	0°35'29
minimum elong	-2164 Apr 30 j 05:29	20°♈38'57	0°35'12
max. Earth dist.	-2164 Apr 30 j 19:00	21°♈52'54	1.32611 AU
	-2164 May 04 j 12:48	0°♉	
evening rise	-2164 May 07 j 08:51	5°♉59'08	
	-2164 May 20 j 04:40	0°♊	
evening max el	-2164 Jun 07 j 00:48	23°♊38'31	26°56'50
desc. node	-2164 Jun 07 j 00:25	23°♊37'35	
	-2164 Jun 16 j 05:27	0°♋	
retrograde	-2164 Jun 20 j 23:56	0°♋57'22	
	-2164 Jun 25 j 14:53	30°℞♊	
evening set	-2164 Jun 27 j 21:08	28°♊50'57	
min. Earth dist.	-2164 Jul 01 j 14:25	26°♊09'30	0.60930 AU
inferior conj	-2164 Jul 04 j 20:45	23°♊21'43	-4°-25'-8
minimum elong	-2164 Jul 04 j 23:00	23°♊16'52	4°24'55
morning rise	-2164 Jul 12 j 03:53	18°♊32'46	
direct	-2164 Jul 14 j 15:16	18°♊08'18	
morning max el	-2164 Jul 21 j 17:56	21°♊38'18	18°04'18
asc. node	-2164 Jul 23 j 19:47	23°♊53'40	
	-2164 Jul 28 j 04:10	0°♋	
morning set	-2164 Aug 06 j 16:01	16°♋46'23	
	-2164 Aug 13 j 20:32	0°♌	
superior conj	-2164 Aug 16 j 18:11	5°♌11'49	1°36'02
minimum elong	-2164 Aug 16 j 21:57	5°♌28'31	1°35'48
max. Earth dist.	-2164 Aug 24 j 08:07	18°♌14'47	1.41747 AU
evening rise	-2164 Aug 30 j 04:22	27°♌48'24	
	-2164 Aug 31 j 13:22	0°♍	
desc. node	-2164 Sep 02 j 23:47	3°♍49'55	
	-2164 Sep 20 j 18:40	0°♎	
greatest brilliancy	-2164 Sep 27 j 11:20	8°♎42'07	-0.3m
evening max el	-2164 Oct 02 j 05:29	14°♎02'51	22°27'06
retrograde	-2164 Oct 11 j 20:41	19°♎46'30	
evening set	-2164 Oct 16 j 09:33	17°♎57'27	
asc. node	-2164 Oct 19 j 18:53	14°♎18'02	
inferior conj	-2164 Oct 21 j 18:27	11°♎37'07	0°40'45
minimum elong	-2164 Oct 21 j 17:31	11°♎40'22	0°40'19
min. Earth dist.	-2164 Oct 21 j 17:02	11°♎42'02	0.67516 AU
morning rise	-2164 Oct 27 j 01:23	5°♎22'13	
direct	-2164 Oct 31 j 14:01	3°♎32'25	
morning max el	-2164 Nov 10 j 00:13	9°♎07'46	22°16'09
greatest brilliancy	-2164 Nov 14 j 16:47	14°♎24'58	-0.3m
	-2164 Nov 26 j 05:14	0°♏	
desc. node	-2164 Nov 29 j 23:11	5°♏29'32	
morning set	-2164 Dec 13 j 02:54	25°♏52'33	
	-2164 Dec 15 j 15:36	0°♐	
max. Earth dist.	-2164 Dec 18 j 19:06	5°♐14'05	1.40916 AU
superior conj	-2164 Dec 26 j 13:25	18°♐41'29	-1°-58'-11
minimum elong	-2164 Dec 26 j 13:01	18°♐39'46	1°58'15
	-2163 Jan 01 j 18:21	0°♑	
evening rise	-2163 Jan 05 j 19:41	7°♑34'04	
asc. node	-2163 Jan 15 j 18:09	25°♑16'03	
	-2163 Jan 19 j 00:06	0°♒	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening max el	-2163 Jan 22 j 01:36	3°♒31'45	18°16'52
retrograde	-2163 Jan 29 j 04:36	7°♒05'02	
evening set	-2163 Jan 31 j 17:18	6°♒39'09	
inferior conj	-2163 Feb 07 j 19:46	1°♒55'28	3°47'58
minimum elong	-2163 Feb 07 j 21:49	1°♒51'01	3°47'43
	-2163 Feb 10 j 00:56	30°℞♑	
min. Earth dist.	-2163 Feb 11 j 04:32	29°♑02'01	0.59732 AU
morning rise	-2163 Feb 14 j 23:04	26°♑20'14	
direct	-2163 Feb 21 j 11:59	24°♑23'43	
desc. node	-2163 Feb 25 j 22:19	25°♑14'14	
	-2163 Mar 05 j 11:47	0°♒	
morning max el	-2163 Mar 07 j 18:19	2°♒05'24	27°12'25
	-2163 Mar 27 j 23:03	0°♓	
morning set	-2163 Apr 07 j 15:08	20°♓25'01	
	-2163 Apr 12 j 03:10	0°♈	
asc. node	-2163 Apr 13 j 17:34	3°♈29'14	
superior conj	-2163 Apr 14 j 18:45	5°♈47'04	0°11'03
minimum elong	-2163 Apr 14 j 18:15	5°♈44'21	0°10'58
behind sun begin	-2163 Apr 14 j 14:37	5°♈24'28	
behind sun end	-2163 Apr 14 j 21:53	6°♈04'15	
max. Earth dist.	-2163 Apr 14 j 08:11	4°♈49'15	1.32462 AU
evening rise	-2163 Apr 21 j 18:13	20°♈52'50	
	-2163 Apr 26 j 05:49	0°♉	
	-2163 May 15 j 02:55	0°♊	
evening max el	-2163 May 19 j 23:13	5°♊13'16	25°58'20
desc. node	-2163 May 24 j 21:26	9°♊15'13	
retrograde	-2163 Jun 03 j 01:06	12°♊28'20	
evening set	-2163 Jun 09 j 02:32	10°♊58'58	
min. Earth dist.	-2163 Jun 13 j 11:47	8°♊18'15	0.58874 AU
inferior conj	-2163 Jun 16 j 19:58	5°♊49'08	-4°-29'-26
minimum elong	-2163 Jun 16 j 18:49	5°♊51'17	4°29'21
morning rise	-2163 Jun 24 j 14:55	1°♊22'45	
direct	-2163 Jun 27 j 02:28	1°♊02'11	
morning max el	-2163 Jul 05 j 01:52	4°♊49'23	18°33'39
asc. node	-2163 Jul 10 j 16:52	11°♊46'14	
	-2163 Jul 20 j 23:22	0°♋	
morning set	-2163 Jul 21 j 06:21	0°♋33'41	
superior conj	-2163 Jul 30 j 05:59	17°♋45'25	1°46'57
minimum elong	-2163 Jul 30 j 07:18	17°♋51'31	1°46'58
	-2163 Aug 06 j 00:10	0°♌	
max. Earth dist.	-2163 Aug 06 j 11:57	0°♌51'36	1.39820 AU
evening rise	-2163 Aug 10 j 19:06	8°♌13'19	
desc. node	-2163 Aug 20 j 20:48	24°♌23'15	
	-2163 Aug 24 j 13:58	0°♍	
evening max el	-2163 Sep 14 j 18:42	27°♍31'45	23°47'36
	-2163 Sep 17 j 10:48	0°♎	
retrograde	-2163 Sep 25 j 12:52	3°♎52'26	
evening set	-2163 Sep 30 j 15:52	1°♎44'30	
	-2163 Oct 02 j 10:17	30°℞♍	
min. Earth dist.	-2163 Oct 05 j 13:27	26°♍01'48	0.67452 AU
inferior conj	-2163 Oct 06 j 01:05	25°♍22'08	0°-12'-50
minimum elong	-2163 Oct 06 j 01:23	25°♍21'05	0°12'43
transit middle	-2163 Oct 06 j 01:23	25°♍21'05	0°12'43
transit begin	-2163 Oct 05 j 23:41	25°♍26'53	
transit end	-2163 Oct 06 j 03:06	25°♍15'17	
asc. node	-2163 Oct 06 j 16:00	24°♍31'30	
morning rise	-2163 Oct 11 j 11:04	19°♍11'24	
direct	-2163 Oct 15 j 10:02	17°♍42'55	
morning max el	-2163 Oct 23 j 18:02	22°♍35'48	20°56'15
greatest brilliancy	-2163 Oct 29 j 11:32	29°♍18'56	-0.5m
	-2163 Oct 30 j 00:09	0°♎	
desc. node	-2163 Nov 16 j 20:13	25°♎49'51	
	-2163 Nov 19 j 13:24	0°♏	
morning set	-2163 Nov 22 j 08:19	4°♏19'45	
max. Earth dist.	-2163 Nov 30 j 23:20	18°♏03'40	1.42767 AU
superior conj	-2163 Dec 07 j 20:12	29°♏26'51	-1°-49'-31
minimum elong	-2163 Dec 07 j 15:39	29°♏07'38	1°49'20
	-2163 Dec 08 j 04:02	0°♐	
evening rise	-2163 Dec 19 j 15:12	20°♐01'44	
	-2163 Dec 25 j 06:00	0°♑	
asc. node	-2162 Jan 02 j 15:12	13°♑15'26	
evening max el	-2162 Jan 05 j 12:39	16°♑37'08	18°07'51
retrograde	-2162 Jan 12 j 03:46	20°♑03'35	
evening set	-2162 Jan 14 j 20:00	19°♑29'43	
inferior conj	-2162 Jan 21 j 09:42	14°♑24'31	3°57'20
minimum elong	-2162 Jan 21 j 09:18	14°♑25'31	3°57'16
min. Earth dist.	-2162 Jan 24 j 09:03	11°♑28'40	0.61773 AU
morning rise	-2162 Jan 27 j 20:16	8°♑34'02	
direct	-2162 Feb 03 j 20:01	6°♑05'05	
desc. node	-2162 Feb 12 j 19:23	9°♑32'00	
morning max el	-2162 Feb 17 j 21:13	13°♑52'32	27°42'51
	-2162 Mar 02 j 21:17	0°♒	
	-2162 Mar 20 j 08:16	0°♓	
morning set	-2162 Mar 22 j 20:06	5°♓00'25	
max. Earth dist.	-2162 Mar 28 j 19:11	17°♓34'49	1.32672 AU
superior conj	-2162 Mar 30 j 05:21	20°♓40'07	0°-14'-33
minimum elong	-2162 Mar 30 j 06:01	20°♓43'46	0°14'25
behind sun begin	-2162 Mar 30 j 03:54	20°♓32'15	
behind sun end	-2162 Mar 30 j 08:08	20°♓55'17	
asc. node	-2162 Mar 31 j 14:36	23°♓41'13	
	-2162 Apr 03 j 12:18	0°♈	
evening rise	-2162 Apr 06 j 05:37	5°♈49'15	
	-2162 Apr 19 j 02:57	0°♉	
evening max el	-2162 May 01 j 16:03	16°♉10'00	24°35'33
desc. node	-2162 May 11 j 18:28	22°♉38'59	
retrograde	-2162 May 15 j 15:12	23°♉13'21	
evening set	-2162 May 20 j 09:49	22°♉21'49	
min. Earth dist.	-2162 May 26 j 03:55	19°♉25'29	0.56989 AU
inferior conj	-2162 May 28 j 23:27	17°♉36'15	-4°00'-22
minimum elong	-2162 May 28 j 18:20	17°♉44'36	3°59'28
morning rise	-2162 Jun 06 j 06:49	13°♉29'26	
direct	-2162 Jun 08 j 19:27	13°♉11'40	
morning max el	-2162 Jun 18 j 01:43	17°♉30'02	19°23'41
	-2162 Jun 27 j 08:38	0°♊	
asc. node	-2162 Jun 27 j 13:57	0°♊22'48	
morning set	-2162 Jul 05 j 05:47	14°♊49'54	
	-2162 Jul 12 j 20:14	0°♋	
superior conj	-2162 Jul 13 j 10:45	1°♋11'09	1°47'36
minimum elong	-2162 Jul 13 j 10:01	1°♋07'32	1°47'38
max. Earth dist.	-2162 Jul 19 j 14:19	12°♋52'47	1.37853 AU
evening rise	-2162 Jul 23 j 11:19	19°♋52'36	
	-2162 Jul 29 j 09:17	0°♌	
desc. node	-2162 Aug 07 j 17:48	14°♌44'03	
	-2162 Aug 18 j 15:50	0°♍	
evening max el	-2162 Aug 28 j 06:02	11°♍04'57	25°05'19
retrograde	-2162 Sep 09 j 00:54	17°♍55'11	
evening set	-2162 Sep 14 j 18:54	15°♍29'28	
min. Earth dist.	-2162 Sep 19 j 07:42	10°♍22'10	0.67081 AU
inferior conj	-2162 Sep 20 j 05:58	9°♍08'58	-1°-7'-19
minimum elong	-2162 Sep 20 j 07:36	9°♍03'37	1°06'38
asc. node	-2162 Sep 23 j 13:05	5°♍07'13	
morning rise	-2162 Sep 25 j 20:45	3°♍05'33	
direct	-2162 Sep 29 j 08:04	1°♍55'48	
morning max el	-2162 Oct 06 j 19:17	6°♍13'24	19°48'10
greatest brilliancy	-2162 Oct 14 j 17:26	16°♍08'42	-0.6m
	-2162 Oct 24 j 02:10	0°♎	
morning set	-2162 Nov 01 j 06:01	12°♎32'34	
desc. node	-2162 Nov 03 j 17:15	16°♎22'23	
	-2162 Nov 12 j 09:37	0°♏	
max. Earth dist.	-2162 Nov 13 j 11:05	1°♏41'07	1.44138 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2162 Nov 17 j 23:47	8°♏56'41	-1°-23'-47
minimum elong	-2162 Nov 17 j 16:13	8°♏26'08	1°23'05
	-2162 Nov 30 j 16:57	0°♐	
evening rise	-2162 Dec 01 j 16:02	1°♐37'50	
evening max el	-2162 Dec 20 j 01:17	29°♐54'52	18°17'56
	-2162 Dec 20 j 03:19	0°♑	
asc. node	-2162 Dec 20 j 12:16	0°♑21'57	
retrograde	-2162 Dec 26 j 13:47	3°♑26'45	
evening set	-2162 Dec 29 j 10:05	2°♑43'46	
	-2161 Jan 02 j 00:44	30°℞♐	
inferior conj	-2161 Jan 04 j 13:54	27°♐18'13	3°45'46
minimum elong	-2161 Jan 04 j 11:49	27°♐24'03	3°45'28
min. Earth dist.	-2161 Jan 06 j 22:54	24°♐40'28	0.63608 AU
morning rise	-2161 Jan 10 j 11:58	21°♐17'24	
direct	-2161 Jan 17 j 11:52	18°♐30'10	
desc. node	-2161 Jan 30 j 16:28	25°♐47'08	
morning max el	-2161 Jan 31 j 04:40	26°♐17'02	27°36'50
	-2161 Feb 03 j 16:20	0°♑	
	-2161 Feb 24 j 10:05	0°♒	
morning set	-2161 Mar 06 j 18:20	19°♒11'52	
max. Earth dist.	-2161 Mar 12 j 00:13	29°♒57'14	1.33273 AU
	-2161 Mar 12 j 00:44	0°♓	
superior conj	-2161 Mar 14 j 13:03	5°♓20'23	0°-40'-23
minimum elong	-2161 Mar 14 j 14:55	5°♓30'19	0°40'04
asc. node	-2161 Mar 18 j 11:38	13°♓48'48	
evening rise	-2161 Mar 21 j 17:15	20°♓42'07	
	-2161 Mar 26 j 06:53	0°♈	
evening max el	-2161 Apr 13 j 07:44	26°♈49'17	23°01'19
	-2161 Apr 17 j 03:06	0°♉	
retrograde	-2161 Apr 26 j 16:09	3°♉25'16	
desc. node	-2161 Apr 28 j 15:31	3°♉16'38	
evening set	-2161 Apr 30 j 02:17	2°♉59'40	
	-2161 May 07 j 00:41	30°℞♈	
min. Earth dist.	-2161 May 07 j 17:37	29°♈35'53	0.55629 AU
inferior conj	-2161 May 09 j 07:36	28°♈40'46	-2°-48'-56
minimum elong	-2161 May 09 j 01:10	28°♈50'08	2°47'07
morning rise	-2161 May 18 j 02:55	24°♈44'59	
direct	-2161 May 20 j 18:24	24°♈28'16	
morning max el	-2161 May 31 j 15:11	29°♈31'20	20°34'06
	-2161 Jun 01 j 03:15	0°♉	
asc. node	-2161 Jun 14 j 11:00	19°♉32'22	
morning set	-2161 Jun 19 j 11:23	29°♉26'47	
	-2161 Jun 19 j 17:53	0°♊	
superior conj	-2161 Jun 27 j 03:34	15°♊14'29	1°40'24
minimum elong	-2161 Jun 27 j 01:33	15°♊04'13	1°40'18
max. Earth dist.	-2161 Jul 01 j 21:16	24°♊41'13	1.36074 AU
	-2161 Jul 04 j 15:45	0°♋	
evening rise	-2161 Jul 06 j 00:58	2°♋35'23	
	-2161 Jul 22 j 09:11	0°♌	
desc. node	-2161 Jul 25 j 14:49	4°♌45'41	
evening max el	-2161 Aug 10 j 17:21	24°♌39'17	26°12'28
	-2161 Aug 17 j 11:16	0°♍	
retrograde	-2161 Aug 23 j 08:04	1°♍48'49	
	-2161 Aug 28 j 14:29	30°℞♌	
evening set	-2161 Aug 29 j 16:38	29°♌09'10	
min. Earth dist.	-2161 Sep 02 j 21:14	24°♌39'40	0.66374 AU
inferior conj	-2161 Sep 04 j 07:13	22°♌54'12	-2°-1'-2
minimum elong	-2161 Sep 04 j 10:06	22°♌45'12	1°59'54
morning rise	-2161 Sep 10 j 04:26	17°♌01'28	
asc. node	-2161 Sep 10 j 10:09	16°♌53'24	
direct	-2161 Sep 13 j 06:20	16°♌07'10	
morning max el	-2161 Sep 20 j 03:20	19°♌58'36	18°54'48
	-2161 Sep 27 j 21:53	0°♍	
morning set	-2161 Oct 11 j 19:40	21°♍37'57	
	-2161 Oct 17 j 02:53	0°♎	
desc. node	-2161 Oct 21 j 14:15	7°♎02'37	
max. Earth dist.	-2161 Oct 27 j 04:10	15°♎49'31	1.44849 AU
superior conj	-2161 Oct 28 j 04:54	17°♎26'56	0°-41'-43
minimum elong	-2161 Oct 27 j 23:35	17°♎05'59	0°41'04
	-2161 Nov 05 j 03:00	0°♏	
evening rise	-2161 Nov 12 j 17:59	12°♏14'49	
	-2161 Nov 23 j 18:56	0°♐	
evening max el	-2161 Dec 03 j 12:48	13°♐18'54	18°46'09
asc. node	-2161 Dec 07 j 09:18	16°♐21'07	
retrograde	-2161 Dec 10 j 06:40	17°♐06'40	
evening set	-2161 Dec 13 j 08:16	16°♐13'06	
inferior conj	-2161 Dec 19 j 04:39	10°♐29'40	3°19'38
minimum elong	-2161 Dec 19 j 01:46	10°♐38'27	3°18'57
min. Earth dist.	-2161 Dec 20 j 22:31	8°♐22'35	0.65101 AU
morning rise	-2161 Dec 24 j 18:12	4°♐21'20	
direct	-2161 Dec 31 j 10:17	1°♐30'59	
morning max el	-2160 Jan 13 j 14:17	9°♐09'30	26°57'54
desc. node	-2160 Jan 17 j 13:32	13°♐26'26	
	-2160 Jan 29 j 23:48	0°♑	
	-2160 Feb 16 j 19:07	0°♒	
morning set	-2160 Feb 18 j 06:39	2°♒49'14	
max. Earth dist.	-2160 Feb 22 j 19:43	11°♒47'24	1.34298 AU
superior conj	-2160 Feb 26 j 15:49	19°♒41'15	-1°-5'-21
minimum elong	-2160 Feb 26 j 18:42	19°♒56'16	1°04'55
	-2160 Mar 02 j 13:18	0°♓	
asc. node	-2160 Mar 04 j 08:39	3°♓47'46	
evening rise	-2160 Mar 05 j 03:19	5°♓25'06	
	-2160 Mar 18 j 18:28	0°♈	
evening max el	-2160 Mar 25 j 04:45	7°♈39'30	21°29'56
retrograde	-2160 Apr 06 j 07:15	13°♈30'58	
evening set	-2160 Apr 08 j 19:32	13°♈16'38	
desc. node	-2160 Apr 14 j 12:34	11°♈13'17	
inferior conj	-2160 Apr 18 j 03:37	9°♈15'43	-1°-1'-4
minimum elong	-2160 Apr 18 j 00:45	9°♈19'44	1°00'05
min. Earth dist.	-2160 Apr 18 j 06:57	9°♈11'02	0.55084 AU
morning rise	-2160 Apr 27 j 06:22	5°♈15'06	
direct	-2160 Apr 30 j 06:16	4°♈55'28	
morning max el	-2160 May 12 j 17:52	10°♈51'09	22°02'12
	-2160 May 26 j 13:31	0°♉	
asc. node	-2160 May 31 j 08:02	9°♉06'46	
morning set	-2160 Jun 02 j 20:58	14°♉18'09	
superior conj	-2160 Jun 10 j 04:48	29°♉44'53	1°27'17
minimum elong	-2160 Jun 10 j 02:15	29°♉31'27	1°27'01
	-2160 Jun 10 j 07:41	0°♊	
max. Earth dist.	-2160 Jun 13 j 13:04	6°♊41'06	1.34626 AU
evening rise	-2160 Jun 18 j 06:55	16°♊07'59	
	-2160 Jun 25 j 19:44	0°♋	
desc. node	-2160 Jul 11 j 11:49	24°♋19'42	
	-2160 Jul 15 j 20:50	0°♌	
evening max el	-2160 Jul 23 j 04:55	8°♌07'16	27°01'05
retrograde	-2160 Aug 05 j 10:02	15°♌26'44	
evening set	-2160 Aug 12 j 06:42	12°♌40'22	
min. Earth dist.	-2160 Aug 16 j 03:47	8°♌49'14	0.65304 AU
inferior conj	-2160 Aug 18 j 02:44	6°♌34'20	-2°-51'-53
minimum elong	-2160 Aug 18 j 06:37	6°♌23'11	2°50'36
morning rise	-2160 Aug 24 j 07:53	0°♌55'32	
direct	-2160 Aug 27 j 02:40	0°♌13'17	
asc. node	-2160 Aug 27 j 07:13	0°♌13'29	
morning max el	-2160 Sep 02 j 16:14	3°♌47'41	18°17'43
	-2160 Sep 20 j 06:32	0°♍	
morning set	-2160 Sep 21 j 12:43	2°♍04'14	
superior conj	-2160 Oct 06 j 05:55	25°♍51'11	0°07'54
minimum elong	-2160 Oct 06 j 06:56	25°♍55'10	0°07'46

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

behind sun begin	-2160 Oct 05 j 21:05	25°♍16'10	
behind sun end	-2160 Oct 06 j 16:46	26°♍34'08	
desc. node	-2160 Oct 07 j 11:14	27°♍47'16	
	-2160 Oct 08 j 20:51	0°♎	
max. Earth dist.	-2160 Oct 08 j 22:50	0°♎07'48	1.44823 AU
evening rise	-2160 Oct 22 j 19:49	21°♎51'49	
	-2160 Oct 28 j 01:04	0°♏	
greatest brilliancy	-2160 Nov 07 j 03:50	15°♏26'18	-0.7m
evening max el	-2160 Nov 15 j 20:53	26°♏45'20	19°31'07
	-2160 Nov 19 j 20:09	0°♐	
retrograde	-2160 Nov 23 j 03:09	0°♐57'53	
asc. node	-2160 Nov 23 j 06:21	0°♐57'47	
evening set	-2160 Nov 26 j 11:49	29°♏51'48	
	-2160 Nov 26 j 06:39	30°℞♏	
inferior conj	-2160 Dec 02 j 02:50	23°♏53'35	2°43'13
minimum elong	-2160 Dec 01 j 23:54	24°♏03'08	2°42'17
min. Earth dist.	-2160 Dec 03 j 06:47	22°♏22'51	0.66223 AU
morning rise	-2160 Dec 07 j 11:14	17°♏40'06	
direct	-2160 Dec 13 j 14:43	14°♏58'43	
morning max el	-2160 Dec 25 j 23:42	22°♏17'21	25°53'16
	-2159 Jan 01 j 19:04	0°♐	
desc. node	-2159 Jan 03 j 10:33	2°♐04'54	
	-2159 Jan 22 j 06:11	0°♑	
morning set	-2159 Jan 31 j 04:40	15°♑38'44	
max. Earth dist.	-2159 Feb 04 j 03:19	23°♑04'01	1.35771 AU
	-2159 Feb 07 j 16:21	0°♒	
superior conj	-2159 Feb 09 j 11:05	3°♒34'09	-1°-27'-56
minimum elong	-2159 Feb 09 j 14:31	3°♒51'32	1°27'33
evening rise	-2159 Feb 17 j 09:48	19°♒50'47	
asc. node	-2159 Feb 19 j 05:39	23°♒32'37	
	-2159 Feb 22 j 13:03	0°♓	
evening max el	-2159 Mar 07 j 11:41	19°♓00'26	20°11'35
retrograde	-2159 Mar 17 j 22:22	23°♓59'30	
evening set	-2159 Mar 20 j 03:25	23°♓47'04	
inferior conj	-2159 Mar 29 j 00:57	19°♓48'02	0°56'04
minimum elong	-2159 Mar 29 j 03:23	19°♓44'23	0°55'14
min. Earth dist.	-2159 Mar 30 j 21:05	18°♓42'12	0.55482 AU
desc. node	-2159 Apr 01 j 09:38	17°♓49'44	
morning rise	-2159 Apr 07 j 00:48	15°♓23'56	
direct	-2159 Apr 10 j 20:04	14°♓52'17	
morning max el	-2159 Apr 24 j 12:03	21°♓36'41	23°41'02
	-2159 May 01 j 18:08	0°♈	
morning set	-2159 May 18 j 08:37	29°♈17'04	
asc. node	-2159 May 18 j 05:03	28°♈58'24	
	-2159 May 18 j 16:48	0°♉	
superior conj	-2159 May 25 j 11:35	14°♉32'32	1°09'41
minimum elong	-2159 May 25 j 09:05	14°♉19'08	1°09'19
max. Earth dist.	-2159 May 27 j 14:15	19°♉03'10	1.33553 AU
	-2159 Jun 01 j 21:18	0°♊	
evening rise	-2159 Jun 02 j 00:36	0°♊16'30	
	-2159 Jun 18 j 20:20	0°♋	
desc. node	-2159 Jun 28 j 08:50	13°♋14'05	
evening max el	-2159 Jul 05 j 15:37	21°♋17'43	27°24'13
retrograde	-2159 Jul 19 j 06:28	28°♋40'05	
evening set	-2159 Jul 26 j 10:05	25°♋58'24	
min. Earth dist.	-2159 Jul 30 j 01:27	22°♋42'12	0.63852 AU
inferior conj	-2159 Aug 01 j 14:04	20°♋04'15	-3°-37'-1
minimum elong	-2159 Aug 01 j 18:17	19°♋53'13	3°35'58
morning rise	-2159 Aug 08 j 04:26	14°♋42'35	
direct	-2159 Aug 10 j 18:31	14°♋09'13	
asc. node	-2159 Aug 14 j 04:17	15°♋07'19	
morning max el	-2159 Aug 17 j 07:24	17°♋35'08	17°57'59
	-2159 Aug 26 j 06:06	0°♌	
morning set	-2159 Sep 03 j 08:07	13°♌46'05	
	-2159 Sep 12 j 21:22	0°♍	
superior conj	-2159 Sep 16 j 00:27	5°♍09'58	0°52'21
minimum elong	-2159 Sep 16 j 05:33	5°♍30'48	0°51'44
max. Earth dist.	-2159 Sep 21 j 15:30	14°♍16'04	1.44080 AU
desc. node	-2159 Sep 24 j 08:16	18°♍33'19	
	-2159 Oct 01 j 16:06	0°♎	
evening rise	-2159 Oct 02 j 04:04	0°♎46'12	
	-2159 Oct 21 j 18:53	0°♏	
greatest brilliancy	-2159 Oct 23 j 19:26	2°♏45'22	-0.5m
evening max el	-2159 Oct 29 j 23:50	10°♏12'36	20°30'53
retrograde	-2159 Nov 07 j 00:38	14°♏57'04	
asc. node	-2159 Nov 10 j 03:24	14°♏01'15	
evening set	-2159 Nov 10 j 18:31	13°♏36'07	
inferior conj	-2159 Nov 16 j 05:57	7°♏26'39	1°59'29
minimum elong	-2159 Nov 16 j 03:30	7°♏34'57	1°58'33
min. Earth dist.	-2159 Nov 16 j 21:37	6°♏33'33	0.66985 AU
morning rise	-2159 Nov 21 j 11:58	1°♏10'28	
	-2159 Nov 23 j 01:01	30°℞♎	
direct	-2159 Nov 27 j 00:36	28°♎46'13	
	-2159 Dec 01 j 09:49	0°♏	
morning max el	-2159 Dec 08 j 08:15	5°♏31'12	24°32'26
desc. node	-2159 Dec 21 j 07:36	21°♏25'31	
	-2159 Dec 27 j 07:06	0°♐	
morning set	-2158 Jan 13 j 06:50	27°♐25'03	
	-2158 Jan 14 j 17:58	0°♑	
max. Earth dist.	-2158 Jan 17 j 01:04	4°♑07'36	1.37643 AU
superior conj	-2158 Jan 23 j 19:38	16°♑50'39	-1°-46'-2
minimum elong	-2158 Jan 23 j 22:46	17°♑05'49	1°45'50
	-2158 Jan 30 j 11:41	0°♒	
evening rise	-2158 Feb 01 j 10:31	3°♒53'03	
asc. node	-2158 Feb 06 j 02:41	12°♒57'58	
	-2158 Feb 17 j 06:09	0°♓	
evening max el	-2158 Feb 18 j 05:28	0°♓58'42	19°11'21
retrograde	-2158 Feb 27 j 01:14	5°♓12'01	
evening set	-2158 Mar 01 j 08:08	4°♓56'14	
inferior conj	-2158 Mar 09 j 12:36	0°♓45'05	2°31'04
minimum elong	-2158 Mar 09 j 17:19	0°♓37'03	2°29'46
	-2158 Mar 10 j 15:00	30°℞♒	
min. Earth dist.	-2158 Mar 12 j 12:29	28°♒43'35	0.56739 AU
morning rise	-2158 Mar 17 j 22:31	25°♒49'32	
desc. node	-2158 Mar 19 j 06:41	25°♒22'55	
direct	-2158 Mar 22 j 21:57	24°♒51'50	
	-2158 Apr 03 j 17:02	0°♓	
morning max el	-2158 Apr 06 j 02:52	2°♓09'26	25°18'16
	-2158 Apr 25 j 15:51	0°♈	
morning set	-2158 May 02 j 20:41	14°♈17'46	
asc. node	-2158 May 05 j 02:05	19°♈01'47	
superior conj	-2158 May 09 j 21:43	29°♈30'03	0°48'43
minimum elong	-2158 May 09 j 19:45	29°♈19'19	0°48'22
	-2158 May 10 j 03:13	0°♉	
max. Earth dist.	-2158 May 10 j 22:52	1°♉46'52	1.32855 AU
evening rise	-2158 May 17 j 02:29	14°♉49'53	
	-2158 May 24 j 22:22	0°♊	
	-2158 Jun 14 j 03:41	0°♋	
desc. node	-2158 Jun 15 j 05:52	1°♋12'05	
evening max el	-2158 Jun 17 j 23:27	3°♋58'49	27°16'24
retrograde	-2158 Jul 01 j 20:31	11°♋19'26	
evening set	-2158 Jul 08 j 22:56	8°♋56'27	
min. Earth dist.	-2158 Jul 12 j 13:12	6°♋06'08	0.62063 AU
inferior conj	-2158 Jul 15 j 14:11	3°♋17'08	-4°-12'-6
minimum elong	-2158 Jul 15 j 17:36	3°♋09'09	4°11'34
	-2158 Jul 19 j 10:50	30°℞♊	
morning rise	-2158 Jul 22 j 14:54	28°♊15'20	
direct	-2158 Jul 25 j 02:36	27°♊48'13	
	-2158 Jul 30 j 12:35	0°♋	
morning max el	-2158 Jul 31 j 22:01	1°♋14'18	17°56'28

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2158 Aug 01 j 01:21	1°♋22'32	
morning set	-2158 Aug 17 j 00:19	26°♋27'32	
	-2158 Aug 18 j 23:21	0°♌	
superior conj	-2158 Aug 27 j 22:09	15°♌48'56	1°24'06
minimum elong	-2158 Aug 28 j 03:06	16°♌10'14	1°23'40
max. Earth dist.	-2158 Sep 04 j 03:53	27°♌58'00	1.42730 AU
	-2158 Sep 05 j 09:47	0°♍	
evening rise	-2158 Sep 11 j 11:24	9°♍41'14	
desc. node	-2158 Sep 11 j 05:16	9°♍17'08	
	-2158 Sep 24 j 20:54	0°♎	
greatest brilliancy	-2158 Oct 07 j 23:24	18°♎03'47	-0.4m
evening max el	-2158 Oct 12 j 20:53	23°♎39'32	21°42'27
retrograde	-2158 Oct 21 j 21:06	29°♎00'43	
evening set	-2158 Oct 26 j 02:26	27°♎22'34	
asc. node	-2158 Oct 28 j 00:28	25°♎33'09	
inferior conj	-2158 Oct 31 j 11:51	21°♎05'22	1°10'33
minimum elong	-2158 Oct 31 j 10:17	21°♎10'47	1°09'54
min. Earth dist.	-2158 Oct 31 j 16:30	20°♎49'20	0.67414 AU
morning rise	-2158 Nov 05 j 17:51	14°♎49'13	
direct	-2158 Nov 10 j 15:09	12°♎46'18	
morning max el	-2158 Nov 20 j 17:44	18°♎47'37	23°05'24
greatest brilliancy	-2158 Nov 25 j 16:30	24°♎20'56	-0.3m
	-2158 Nov 30 j 02:54	0°♏	
desc. node	-2158 Dec 08 j 04:39	11°♏15'34	
	-2158 Dec 20 j 11:13	0°♐	
morning set	-2158 Dec 25 j 06:50	7°♐51'25	
max. Earth dist.	-2158 Dec 29 j 20:20	15°♐35'06	1.39733 AU
superior conj	-2157 Jan 06 j 13:08	29°♐19'00	-1°-56'-47
minimum elong	-2157 Jan 06 j 14:33	29°♐25'30	1°56'48
	-2157 Jan 06 j 22:02	0°♑	
evening rise	-2157 Jan 16 j 02:39	17°♑24'33	
	-2157 Jan 22 j 20:49	0°♒	
asc. node	-2157 Jan 23 j 23:43	1°♒56'50	
evening max el	-2157 Feb 01 j 08:14	13°♒29'29	18°30'58
retrograde	-2157 Feb 08 j 22:33	17°♒12'26	
evening set	-2157 Feb 11 j 09:23	16°♒50'30	
inferior conj	-2157 Feb 18 j 20:35	12°♒19'25	3°29'51
minimum elong	-2157 Feb 19 j 00:05	12°♒12'28	3°29'15
min. Earth dist.	-2157 Feb 22 j 06:28	9°♒38'27	0.58569 AU
morning rise	-2157 Feb 26 j 11:06	6°♒56'41	
direct	-2157 Mar 04 j 13:04	5°♒22'11	
desc. node	-2157 Mar 06 j 03:45	5°♒28'46	
morning max el	-2157 Mar 18 j 20:10	12°♒57'10	26°38'54
	-2157 Apr 01 j 06:44	0°♓	
morning set	-2157 Apr 17 j 07:31	29°♓14'27	
	-2157 Apr 17 j 16:13	0°♈	
asc. node	-2157 Apr 21 j 23:08	9°♈12'14	
superior conj	-2157 Apr 24 j 09:23	14°♈30'57	0°25'20
minimum elong	-2157 Apr 24 j 08:17	14°♈24'53	0°25'07
max. Earth dist.	-2157 Apr 24 j 11:35	14°♈43'00	1.32508 AU
evening rise	-2157 May 01 j 09:48	29°♈38'56	
	-2157 May 01 j 13:51	0°♉	
	-2157 May 18 j 04:52	0°♊	
evening max el	-2157 May 31 j 01:58	16°♊00'13	26°35'39
desc. node	-2157 Jun 02 j 02:53	17°♊50'23	
retrograde	-2157 Jun 14 j 02:37	23°♊17'10	
evening set	-2157 Jun 20 j 16:54	21°♊26'01	
min. Earth dist.	-2157 Jun 24 j 15:19	18°♊46'53	0.60053 AU
inferior conj	-2157 Jun 27 j 23:37	16°♊04'41	-4°-30'-22
minimum elong	-2157 Jun 28 j 00:37	16°♊02'39	4°30'17
morning rise	-2157 Jul 05 j 11:37	11°♊25'00	
direct	-2157 Jul 07 j 22:58	11°♊02'16	
morning max el	-2157 Jul 15 j 09:12	14°♊38'13	18°14'17
asc. node	-2157 Jul 18 j 22:27	18°♊44'05	
	-2157 Jul 25 j 23:33	0°♋	
morning set	-2157 Jul 31 j 07:57	9°♋54'48	
superior conj	-2157 Aug 09 j 21:40	27°♋45'14	1°42'06
minimum elong	-2157 Aug 10 j 00:23	27°♋57'35	1°41'59
	-2157 Aug 11 j 03:33	0°♌	
max. Earth dist.	-2157 Aug 17 j 11:06	11°♌02'15	1.40952 AU
evening rise	-2157 Aug 22 j 11:58	19°♌25'50	
desc. node	-2157 Aug 29 j 02:17	29°♌55'36	
	-2157 Aug 29 j 03:25	0°♍	
	-2157 Sep 19 j 06:21	0°♎	
greatest brilliancy	-2157 Sep 20 j 06:38	1°♎14'41	-0.2m
evening max el	-2157 Sep 25 j 12:33	7°♎07'33	23°01'16
retrograde	-2157 Oct 05 j 15:04	13°♎06'49	
evening set	-2157 Oct 10 j 09:50	11°♎09'45	
asc. node	-2157 Oct 14 j 21:34	6°♎00'56	
inferior conj	-2157 Oct 15 j 18:43	4°♎48'21	0°18'13
minimum elong	-2157 Oct 15 j 18:17	4°♎49'50	0°18'02
min. Earth dist.	-2157 Oct 15 j 12:59	5°♎08'06	0.67532 AU
	-2157 Oct 19 j 14:02	30°℞♍	
morning rise	-2157 Oct 21 j 02:44	28°♍35'00	
direct	-2157 Oct 25 j 09:27	26°♍54'21	
	-2157 Oct 31 j 23:46	0°♎	
morning max el	-2157 Nov 03 j 07:43	2°♎10'21	21°40'59
greatest brilliancy	-2157 Nov 08 j 07:02	7°♎51'02	-0.4m
	-2157 Nov 24 j 02:35	0°♏	
desc. node	-2157 Nov 25 j 01:42	1°♏26'41	
morning set	-2157 Dec 05 j 01:54	16°♏54'42	
max. Earth dist.	-2157 Dec 11 j 20:48	27°♏55'05	1.41755 AU
	-2157 Dec 13 j 02:51	0°♐	
superior conj	-2157 Dec 19 j 10:13	10°♐45'45	-1°-56'-25
minimum elong	-2157 Dec 19 j 08:09	10°♐36'47	1°56'26
evening rise	-2157 Dec 30 j 06:51	0°♑18'02	
	-2157 Dec 30 j 02:55	0°♑	
asc. node	-2156 Jan 10 j 20:47	20°♑20'53	
evening max el	-2156 Jan 15 j 17:05	26°♑24'30	18°10'36
retrograde	-2156 Jan 22 j 13:39	29°♑53'08	
evening set	-2156 Jan 25 j 03:57	29°♑23'50	
inferior conj	-2156 Feb 01 j 00:34	24°♑30'36	3°54'57
minimum elong	-2156 Feb 01 j 01:31	24°♑28'24	3°54'53
min. Earth dist.	-2156 Feb 04 j 06:08	21°♑33'35	0.60616 AU
morning rise	-2156 Feb 07 j 20:18	18°♑48'19	
direct	-2156 Feb 14 j 15:14	16°♑36'56	
desc. node	-2156 Feb 21 j 00:51	18°♑22'29	
morning max el	-2156 Feb 28 j 19:33	24°♑20'47	27°29'55
	-2156 Mar 04 j 23:24	0°♒	
	-2156 Mar 24 j 11:51	0°♓	
morning set	-2156 Mar 31 j 15:13	13°♓59'51	
max. Earth dist.	-2156 Apr 07 j 00:30	27°♓37'25	1.32511 AU
superior conj	-2156 Apr 07 j 20:50	29°♓28'27	0°00'18
minimum elong	-2156 Apr 07 j 20:49	29°♓28'24	0°00'17
behind sun begin	-2156 Apr 07 j 15:48	29°♓00'55	
behind sun end	-2156 Apr 08 j 01:51	29°♓55'53	
asc. node	-2156 Apr 07 j 20:10	29°♓24'47	
	-2156 Apr 08 j 02:36	0°♈	
evening rise	-2156 Apr 14 j 20:17	14°♈34'46	
	-2156 Apr 22 j 15:09	0°♉	
evening max el	-2156 May 11 j 21:45	27°♉17'16	25°25'24
	-2156 May 15 j 00:33	0°♊	
desc. node	-2156 May 18 j 23:56	2°♊36'04	
retrograde	-2156 May 25 j 23:00	4°♊28'09	
evening set	-2156 May 31 j 12:37	3°♊15'29	
min. Earth dist.	-2156 Jun 05 j 09:46	0°♊30'07	0.58035 AU
	-2156 Jun 06 j 03:26	30°℞♉	
inferior conj	-2156 Jun 08 j 14:41	28°♉15'46	-4°-21'-52

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2156 Jun 08 j 11:46	28°♉20'54	4°21'34
morning rise	-2156 Jun 16 j 14:52	23°♉58'23	
direct	-2156 Jun 19 j 03:01	23°♉38'59	
morning max el	-2156 Jun 27 j 14:00	27°♉37'15	18°52'24
	-2156 Jun 29 j 20:06	0°♊	
asc. node	-2156 Jul 04 j 19:31	6°♊56'32	
morning set	-2156 Jul 14 j 02:33	23°♊55'29	
	-2156 Jul 17 j 04:47	0°♋	
superior conj	-2156 Jul 22 j 17:22	10°♋42'52	1°48'20
minimum elong	-2156 Jul 22 j 17:43	10°♋44'33	1°48'22
max. Earth dist.	-2156 Jul 29 j 14:05	23°♋23'27	1.38976 AU
	-2156 Aug 02 j 08:33	0°♌	
evening rise	-2156 Aug 02 j 13:45	0°♌22'20	
desc. node	-2156 Aug 14 j 23:17	20°♌24'05	
	-2156 Aug 21 j 11:51	0°♍	
evening max el	-2156 Sep 07 j 00:38	20°♍37'46	24°21'23
retrograde	-2156 Sep 18 j 05:30	27°♍11'49	
evening set	-2156 Sep 23 j 14:59	24°♍55'46	
min. Earth dist.	-2156 Sep 28 j 08:39	19°♍28'06	0.67337 AU
inferior conj	-2156 Sep 29 j 00:48	18°♍33'49	0°-35'-57
minimum elong	-2156 Sep 29 j 01:40	18°♍30'54	0°35'35
asc. node	-2156 Sep 30 j 18:39	16°♍16'10	
morning rise	-2156 Oct 04 j 12:39	12°♍26'06	
direct	-2156 Oct 08 j 06:23	11°♍06'04	
morning max el	-2156 Oct 16 j 04:44	15°♍42'31	20°25'41
greatest brilliancy	-2156 Oct 22 j 16:21	23°♍29'57	-0.5m
	-2156 Oct 27 j 08:27	0°♎	
desc. node	-2156 Nov 10 j 22:44	21°♎52'40	
morning set	-2156 Nov 13 j 01:06	25°♎07'10	
	-2156 Nov 16 j 04:18	0°♏	
max. Earth dist.	-2156 Nov 23 j 04:51	11°♏08'23	1.43418 AU
superior conj	-2156 Nov 29 j 05:31	20°♏58'32	-1°-40'-48
minimum elong	-2156 Nov 28 j 23:17	20°♏32'44	1°40'23
	-2156 Dec 04 j 14:32	0°♐	
evening rise	-2156 Dec 11 j 19:00	12°♐25'05	
	-2156 Dec 22 j 01:57	0°♑	
asc. node	-2156 Dec 27 j 17:50	7°♑59'28	
evening max el	-2156 Dec 29 j 05:06	9°♑35'44	18°09'50
retrograde	-2155 Jan 04 j 18:10	13°♑03'30	
evening set	-2155 Jan 07 j 11:58	12°♑25'57	
inferior conj	-2155 Jan 13 j 21:06	7°♑11'36	3°54'35
minimum elong	-2155 Jan 13 j 19:53	7°♑14'49	3°54'27
min. Earth dist.	-2155 Jan 16 j 14:32	4°♑21'29	0.62580 AU
morning rise	-2155 Jan 20 j 01:48	1°♑16'02	
	-2155 Jan 22 j 00:40	30°℞♐	
direct	-2155 Jan 27 j 02:32	28°♐37'42	
	-2155 Feb 01 j 12:48	0°♑	
desc. node	-2155 Feb 06 j 21:55	3°♑34'55	
morning max el	-2155 Feb 10 j 00:58	6°♑25'54	27°44'48
	-2155 Feb 27 j 23:30	0°♒	
morning set	-2155 Mar 15 j 17:42	28°♒26'43	
	-2155 Mar 16 j 12:04	0°♓	
max. Earth dist.	-2155 Mar 21 j 09:40	10°♓16'01	1.32880 AU
superior conj	-2155 Mar 23 j 06:26	14°♓16'59	0°-25'-31
minimum elong	-2155 Mar 23 j 07:37	14°♓23'22	0°25'18
asc. node	-2155 Mar 25 j 17:12	19°♓35'36	
evening rise	-2155 Mar 30 j 08:01	29°♓30'41	
	-2155 Mar 30 j 13:35	0°♈	
	-2155 Apr 16 j 14:28	0°♉	
evening max el	-2155 Apr 23 j 13:07	8°♉02'33	23°55'52
desc. node	-2155 May 05 j 20:58	14°♉52'21	
retrograde	-2155 May 07 j 07:47	14°♉57'10	
evening set	-2155 May 11 j 12:10	14°♉18'20	
min. Earth dist.	-2155 May 18 j 00:19	11°♉11'43	0.56331 AU
inferior conj	-2155 May 20 j 09:31	9°♉43'56	-3°-35'-21
minimum elong	-2155 May 20 j 03:17	9°♉53'33	3°33'59
morning rise	-2155 May 28 j 22:16	5°♉43'42	
direct	-2155 May 31 j 11:41	5°♉26'45	
morning max el	-2155 Jun 10 j 09:43	10°♉02'12	19°51'14
asc. node	-2155 Jun 21 j 16:33	25°♉47'56	
	-2155 Jun 23 j 23:02	0°♊	
morning set	-2155 Jun 28 j 04:52	8°♊20'56	
superior conj	-2155 Jul 06 j 03:47	24°♊26'08	1°45'23
minimum elong	-2155 Jul 06 j 02:25	24°♊19'16	1°45'22
	-2155 Jul 08 j 23:41	0°♋	
max. Earth dist.	-2155 Jul 11 j 17:24	5°♋14'31	1.37062 AU
evening rise	-2155 Jul 15 j 15:40	12°♋29'46	
	-2155 Jul 25 j 22:31	0°♌	
desc. node	-2155 Aug 01 j 20:17	10°♌37'19	
	-2155 Aug 16 j 12:51	0°♍	
evening max el	-2155 Aug 20 j 11:32	4°♍10'45	25°35'35
retrograde	-2155 Sep 01 j 15:38	11°♍11'10	
evening set	-2155 Sep 07 j 16:01	8°♍38'34	
min. Earth dist.	-2155 Sep 12 j 01:09	3°♍47'15	0.66820 AU
inferior conj	-2155 Sep 13 j 04:20	2°♍19'46	-1°-30'-21
minimum elong	-2155 Sep 13 j 06:31	2°♍12'44	1°29'27
	-2155 Sep 15 j 00:58	30°℞♌	
asc. node	-2155 Sep 17 j 15:43	27°♌16'32	
morning rise	-2155 Sep 18 j 21:41	26°♌20'38	
direct	-2155 Sep 22 j 04:36	25°♌18'06	
morning max el	-2155 Sep 29 j 09:07	29°♌23'41	19°23'32
	-2155 Sep 29 j 23:03	0°♍	
greatest brilliancy	-2155 Oct 09 j 00:00	11°♍55'05	-0.7m
	-2155 Oct 20 j 19:46	0°♎	
morning set	-2155 Oct 23 j 03:01	3°♎34'59	
desc. node	-2155 Oct 28 j 19:44	12°♎28'32	
max. Earth dist.	-2155 Nov 05 j 18:53	24°♎59'34	1.44518 AU
superior conj	-2155 Nov 08 j 22:05	29°♎58'02	-1°-7'-36
minimum elong	-2155 Nov 08 j 14:42	29°♎28'36	1°06'47
	-2155 Nov 08 j 22:35	0°♏	
evening rise	-2155 Nov 23 j 10:30	23°♏36'16	
	-2155 Nov 27 j 06:44	0°♐	
evening max el	-2155 Dec 12 j 17:29	22°♐55'59	18°27'50
asc. node	-2155 Dec 14 j 14:54	24°♐38'48	
retrograde	-2155 Dec 19 j 07:34	26°♐33'47	
evening set	-2155 Dec 22 j 05:48	25°♐46'42	
inferior conj	-2155 Dec 28 j 06:12	20°♐13'20	3°36'11
minimum elong	-2155 Dec 28 j 03:40	20°♐20'40	3°35'43
min. Earth dist.	-2155 Dec 30 j 08:45	17°♐47'13	0.64280 AU
morning rise	-2154 Jan 03 j 00:08	14°♐08'45	
direct	-2154 Jan 09 j 21:27	11°♐18'13	
morning max el	-2154 Jan 23 j 09:45	19°♐03'48	27°23'58
desc. node	-2154 Jan 24 j 18:58	20°♐28'55	
	-2154 Feb 01 j 17:53	0°♑	
	-2154 Feb 20 j 21:45	0°♒	
morning set	-2154 Feb 27 j 12:08	12°♒24'53	
max. Earth dist.	-2154 Mar 04 j 10:52	22°♒24'24	1.33649 AU
superior conj	-2154 Mar 07 j 12:16	28°♒49'26	0°-51'-10
minimum elong	-2154 Mar 07 j 14:36	29°♒01'45	0°50'46
	-2154 Mar 08 j 01:34	0°♓	
asc. node	-2154 Mar 12 j 14:13	9°♓39'45	
evening rise	-2154 Mar 14 j 19:09	14°♓19'28	
	-2154 Mar 22 j 18:57	0°♈	
evening max el	-2154 Apr 05 j 06:14	18°♈42'48	22°21'24
retrograde	-2154 Apr 18 j 04:10	25°♈02'02	
evening set	-2154 Apr 21 j 02:51	24°♈42'57	
desc. node	-2154 Apr 22 j 18:00	24°♈16'55	
min. Earth dist.	-2154 Apr 29 j 14:01	21°♈03'13	0.55284 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

inferior conj	-2154 Apr 30 j 11:10	20°♈33'13	-2°-6'-30
minimum elong	-2154 Apr 30 j 05:43	20°♈40'58	2°04'45
morning rise	-2154 May 09 j 10:31	16°♈37'23	
direct	-2154 May 12 j 04:15	16°♈20'17	
morning max el	-2154 May 23 j 18:35	21°♈45'56	21°09'40
	-2154 May 30 j 16:59	0°♉	
asc. node	-2154 Jun 08 j 13:35	15°♉08'41	
morning set	-2154 Jun 12 j 12:23	23°♉04'21	
	-2154 Jun 15 j 20:19	0°♊	
superior conj	-2154 Jun 20 j 00:35	8°♊42'09	1°35'28
minimum elong	-2154 Jun 19 j 22:15	8°♊30'07	1°35'18
max. Earth dist.	-2154 Jun 24 j 03:24	17°♊03'39	1.35413 AU
evening rise	-2154 Jun 28 j 12:53	25°♊35'38	
	-2154 Jun 30 j 21:39	0°♋	
	-2154 Jul 19 j 09:15	0°♌	
desc. node	-2154 Jul 19 j 17:16	0°♌28'20	
evening max el	-2154 Aug 02 j 22:59	17°♌43'34	26°35'54
retrograde	-2154 Aug 15 j 20:51	24°♌59'04	
evening set	-2154 Aug 22 j 10:50	22°♌15'33	
min. Earth dist.	-2154 Aug 26 j 12:07	18°♌02'15	0.65958 AU
inferior conj	-2154 Aug 28 j 03:27	16°♌03'43	-2°-23'-6
minimum elong	-2154 Aug 28 j 06:48	15°♌53'34	2°21'53
morning rise	-2154 Sep 03 j 03:51	10°♌16'19	
asc. node	-2154 Sep 04 j 12:46	9°♌41'30	
direct	-2154 Sep 06 j 02:21	9°♌27'39	
morning max el	-2154 Sep 12 j 19:31	13°♌11'11	18°36'55
	-2154 Sep 24 j 21:30	0°♍	
morning set	-2154 Oct 03 j 03:52	13°♍13'51	
	-2154 Oct 13 j 16:22	0°♎	
desc. node	-2154 Oct 15 j 16:45	3°♎11'05	
superior conj	-2154 Oct 18 j 22:44	8°♎18'20	0°-20'-49
minimum elong	-2154 Oct 18 j 19:58	8°♎07'28	0°20'29
max. Earth dist.	-2154 Oct 19 j 12:34	9°♎12'47	1.44926 AU
	-2154 Nov 01 j 16:53	0°♏	
evening rise	-2154 Nov 04 j 02:01	3°♏46'48	
	-2154 Nov 21 j 00:18	0°♐	
evening max el	-2154 Nov 26 j 03:51	6°♐21'28	19°03'22
asc. node	-2154 Dec 01 j 11:56	10°♐04'26	
retrograde	-2154 Dec 03 j 02:12	10°♐18'37	
evening set	-2154 Dec 06 j 06:33	9°♐20'05	
inferior conj	-2154 Dec 12 j 00:26	3°♐30'17	3°05'14
minimum elong	-2154 Dec 11 j 21:27	3°♐39'39	3°04'25
min. Earth dist.	-2154 Dec 13 j 12:18	1°♐37'59	0.65628 AU
	-2154 Dec 14 j 20:56	30°℞♏	
morning rise	-2154 Dec 17 j 11:25	27°♏19'31	
direct	-2154 Dec 23 j 22:43	24°♏31'20	
	-2153 Jan 03 j 15:27	0°♐	
morning max el	-2153 Jan 05 j 19:15	2°♐03'06	26°32'54
desc. node	-2153 Jan 11 j 16:02	8°♐35'34	
	-2153 Jan 26 j 21:43	0°♑	
morning set	-2153 Feb 10 j 18:56	25°♑43'02	
	-2153 Feb 13 j 00:38	0°♒	
max. Earth dist.	-2153 Feb 15 j 00:59	3°♒56'55	1.34868 AU
superior conj	-2153 Feb 19 j 12:11	12°♒59'02	-1°-15'-21
minimum elong	-2153 Feb 19 j 15:22	13°♒15'29	1°14'54
evening rise	-2153 Feb 27 j 03:54	28°♒55'08	
asc. node	-2153 Feb 27 j 11:14	29°♒32'57	
	-2153 Feb 27 j 16:30	0°♓	
evening max el	-2153 Mar 18 j 07:15	29°♓44'32	20°54'39
	-2153 Mar 18 j 13:48	0°♈	
retrograde	-2153 Mar 29 j 17:16	5°♈13'06	
evening set	-2153 Apr 01 j 00:54	5°♈00'26	
desc. node	-2153 Apr 09 j 15:04	1°♈23'59	
inferior conj	-2153 Apr 10 j 05:54	1°♈02'53	0°-10'-27
minimum elong	-2153 Apr 10 j 05:24	1°♈03'35	0°10'16
transit middle	-2153 Apr 10 j 05:24	1°♈03'35	0°10'16
transit begin	-2153 Apr 10 j 02:18	1°♈08'01	
transit end	-2153 Apr 10 j 08:31	0°♈59'09	
min. Earth dist.	-2153 Apr 11 j 03:45	0°♈31'46	0.55139 AU
	-2153 Apr 12 j 02:19	30°℞♓	
morning rise	-2153 Apr 19 j 08:50	26°♓53'58	
direct	-2153 Apr 22 j 15:48	26°♓30'28	
	-2153 May 02 j 07:36	0°♈	
morning max el	-2153 May 05 j 17:01	2°♈48'34	22°43'30
	-2153 May 24 j 00:38	0°♉	
asc. node	-2153 May 26 j 10:36	4°♉50'55	
morning set	-2153 May 27 j 23:03	7°♉59'21	
superior conj	-2153 Jun 04 j 04:26	23°♉20'30	1°20'17
minimum elong	-2153 Jun 04 j 01:51	23°♉06'43	1°19'58
max. Earth dist.	-2153 Jun 06 j 23:26	29°♉12'46	1.34126 AU
	-2153 Jun 07 j 08:31	0°♊	
evening rise	-2153 Jun 12 j 00:19	9°♊25'06	
	-2153 Jun 23 j 08:21	0°♋	
desc. node	-2153 Jul 06 j 14:17	19°♋47'04	
	-2153 Jul 15 j 07:41	0°♌	
evening max el	-2153 Jul 16 j 10:39	1°♌06'24	27°14'31
retrograde	-2153 Jul 29 j 20:28	8°♌27'15	
evening set	-2153 Aug 05 j 20:45	5°♌41'42	
min. Earth dist.	-2153 Aug 09 j 15:13	2°♌05'50	0.64731 AU
inferior conj	-2153 Aug 11 j 19:50	29°♋40'23	-3°-11'-57
minimum elong	-2153 Aug 11 j 23:58	29°♋28'57	3°10'44
	-2153 Aug 11 j 12:47	30°℞♋	
morning rise	-2153 Aug 18 j 04:43	24°♋08'10	
direct	-2153 Aug 20 j 21:16	23°♋29'57	
asc. node	-2153 Aug 22 j 09:50	23°♋42'15	
morning max el	-2153 Aug 27 j 09:39	26°♋59'47	18°07'06
	-2153 Aug 30 j 00:36	0°♌	
morning set	-2153 Sep 14 j 08:44	24°♌14'13	
	-2153 Sep 17 j 19:29	0°♍	
superior conj	-2153 Sep 28 j 05:00	16°♍59'21	0°28'00
minimum elong	-2153 Sep 28 j 08:17	17°♍12'31	0°27'35
max. Earth dist.	-2153 Oct 02 j 07:00	23°♍29'45	1.44597 AU
desc. node	-2153 Oct 02 j 13:45	23°♍56'28	
	-2153 Oct 06 j 10:04	0°♎	
evening rise	-2153 Oct 14 j 18:55	13°♎01'50	
	-2153 Oct 25 j 20:26	0°♏	
greatest brilliancy	-2153 Nov 02 j 00:23	10°♏31'40	-0.6m
evening max el	-2153 Nov 09 j 10:01	19°♏48'40	19°54'56
retrograde	-2153 Nov 16 j 23:17	24°♏13'29	
asc. node	-2153 Nov 18 j 08:59	24°♏02'08	
evening set	-2153 Nov 20 j 11:42	23°♏01'15	
inferior conj	-2153 Nov 26 j 01:00	16°♏57'58	2°25'23
minimum elong	-2153 Nov 25 j 22:13	17°♏07'12	2°24'25
min. Earth dist.	-2153 Nov 26 j 23:32	15°♏43'21	0.66598 AU
morning rise	-2153 Dec 01 j 08:06	10°♏43'18	
direct	-2153 Dec 07 j 05:32	8°♏08'26	
morning max el	-2153 Dec 19 j 04:05	15°♏13'29	25°20'13
desc. node	-2153 Dec 29 j 13:07	27°♏33'32	
	-2153 Dec 31 j 08:29	0°♐	
	-2152 Jan 19 j 18:29	0°♑	
morning set	-2152 Jan 24 j 09:15	8°♑07'18	
max. Earth dist.	-2152 Jan 28 j 03:53	15°♑04'24	1.36529 AU
superior conj	-2152 Feb 03 j 03:22	26°♑37'51	-1°-36'-19
minimum elong	-2152 Feb 03 j 06:49	26°♑54'58	1°36'00
	-2152 Feb 04 j 19:53	0°♒	
evening rise	-2152 Feb 11 j 08:15	13°♒11'48	
asc. node	-2152 Feb 14 j 08:16	19°♒10'19	
	-2152 Feb 20 j 06:19	0°♓	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening max el	-2152 Feb 28 j 18:58	11°♓21'33	19°43'35
retrograde	-2152 Mar 09 j 12:01	15°♓59'28	
evening set	-2152 Mar 11 j 17:29	15°♓45'55	
inferior conj	-2152 Mar 20 j 08:04	11°♓42'55	1°40'26
minimum elong	-2152 Mar 20 j 11:59	11°♓36'46	1°39'10
min. Earth dist.	-2152 Mar 22 j 18:00	10°♓12'26	0.55925 AU
desc. node	-2152 Mar 26 j 12:08	8°♓08'15	
morning rise	-2152 Mar 29 j 03:11	7°♓06'06	
direct	-2152 Apr 02 j 10:04	6°♓25'10	
morning max el	-2152 Apr 16 j 08:55	13°♓25'02	24°23'32
	-2152 Apr 29 j 04:56	0°♈	
morning set	-2152 May 11 j 11:09	23°♈00'20	
asc. node	-2152 May 12 j 07:39	24°♈48'33	
	-2152 May 14 j 17:50	0°♉	
superior conj	-2152 May 18 j 12:56	8°♉13'28	1°01'09
minimum elong	-2152 May 18 j 10:36	8°♉00'54	1°00'47
max. Earth dist.	-2152 May 20 j 04:29	11°♉46'42	1.33214 AU
evening rise	-2152 May 25 j 21:56	23°♉45'54	
	-2152 May 29 j 01:24	0°♊	
	-2152 Jun 16 j 00:34	0°♋	
desc. node	-2152 Jun 22 j 11:18	8°♋20'02	
evening max el	-2152 Jun 27 j 20:35	14°♋06'31	27°24'49
retrograde	-2152 Jul 11 j 14:00	21°♋27'35	
evening set	-2152 Jul 18 j 18:28	18°♋52'07	
min. Earth dist.	-2152 Jul 22 j 08:39	15°♋48'30	0.63139 AU
inferior conj	-2152 Jul 25 j 02:50	13°♋04'15	-3°-53'-28
minimum elong	-2152 Jul 25 j 06:54	12°♋54'08	3°52'36
morning rise	-2152 Jul 31 j 21:29	7°♋50'38	
direct	-2152 Aug 03 j 10:25	7°♋20'03	
asc. node	-2152 Aug 08 j 06:55	9°♋12'37	
morning max el	-2152 Aug 10 j 00:55	10°♋44'32	17°55'00
	-2152 Aug 22 j 22:24	0°♌	
morning set	-2152 Aug 26 j 13:42	6°♌23'27	
superior conj	-2152 Sep 07 j 10:42	26°♌50'56	1°07'33
minimum elong	-2152 Sep 07 j 16:09	27°♌13'41	1°06'58
	-2152 Sep 09 j 08:13	0°♍	
max. Earth dist.	-2152 Sep 13 j 22:38	7°♍30'32	1.43580 AU
desc. node	-2152 Sep 18 j 10:44	14°♍41'38	
evening rise	-2152 Sep 23 j 00:23	21°♍50'10	
	-2152 Sep 28 j 08:08	0°♎	
greatest brilliancy	-2152 Oct 16 j 22:13	26°♎46'40	-0.5m
	-2152 Oct 19 j 12:20	0°♏	
evening max el	-2152 Oct 22 j 10:29	3°♏15'27	21°00'06
retrograde	-2152 Oct 30 j 20:35	8°♏14'59	
evening set	-2152 Nov 03 j 19:11	6°♏46'43	
asc. node	-2152 Nov 04 j 06:04	6°♏25'06	
inferior conj	-2152 Nov 09 j 05:33	0°♏33'21	1°39'13
minimum elong	-2152 Nov 09 j 03:26	0°♏40'36	1°38'22
min. Earth dist.	-2152 Nov 09 j 16:18	29°♎56'31	0.67210 AU
	-2152 Nov 09 j 15:18	30°℞♎	
morning rise	-2152 Nov 14 j 11:19	24°♎17'03	
direct	-2152 Nov 19 j 17:19	22°♎01'51	
morning max el	-2152 Nov 30 j 12:49	28°♎28'39	23°55'38
	-2152 Dec 01 j 23:50	0°♏	
desc. node	-2152 Dec 15 j 10:10	17°♏07'39	
	-2152 Dec 24 j 02:59	0°♐	
morning set	-2151 Jan 05 j 00:59	19°♐21'01	
max. Earth dist.	-2151 Jan 09 j 00:03	26°♐15'35	1.38522 AU
	-2151 Jan 11 j 02:04	0°♑	
superior conj	-2151 Jan 16 j 06:07	9°♑35'06	-1°-51'-41
minimum elong	-2151 Jan 16 j 08:43	9°♑47'29	1°51'37
evening rise	-2151 Jan 25 j 05:44	27°♑02'03	
	-2151 Jan 26 j 18:14	0°♒	
asc. node	-2151 Jan 31 j 05:20	8°♒25'20	

evening max el	-2151 Feb 10 j 16:48	23°♒33'52	18°51'39
retrograde	-2151 Feb 18 j 22:48	27°♒32'44	
evening set	-2151 Feb 21 j 07:15	27°♒14'36	
inferior conj	-2151 Mar 01 j 04:06	22°♒55'11	3°00'33
minimum elong	-2151 Mar 01 j 08:36	22°♒46'58	2°59'31
min. Earth dist.	-2151 Mar 04 j 10:07	20°♒34'30	0.57462 AU
morning rise	-2151 Mar 09 j 06:00	17°♒47'01	
desc. node	-2151 Mar 13 j 09:15	16°♒39'08	
direct	-2151 Mar 14 j 17:13	16°♒34'48	
morning max el	-2151 Mar 29 j 00:20	24°♒01'12	25°55'39
	-2151 Apr 03 j 10:43	0°♓	
	-2151 Apr 22 j 00:48	0°♈	
morning set	-2151 Apr 25 j 22:55	8°♈00'06	
asc. node	-2151 Apr 29 j 04:43	14°♈55'25	
superior conj	-2151 May 02 j 23:56	23°♈12'56	0°39'04
minimum elong	-2151 May 02 j 22:18	23°♈03'59	0°38'45
max. Earth dist.	-2151 May 03 j 15:19	24°♈37'02	1.32661 AU
	-2151 May 06 j 02:46	0°♉	
evening rise	-2151 May 10 j 02:25	8°♉26'31	
	-2151 May 21 j 11:40	0°♊	
desc. node	-2151 Jun 09 j 08:20	25°♊47'20	
evening max el	-2151 Jun 10 j 02:11	26°♊30'43	27°02'55
	-2151 Jun 14 j 05:08	0°♋	
retrograde	-2151 Jun 24 j 00:52	3°♋50'19	
evening set	-2151 Jun 30 j 23:50	1°♋39'05	
	-2151 Jul 03 j 08:18	30°℞♊	
min. Earth dist.	-2151 Jul 04 j 15:54	28°♊55'58	0.61229 AU
inferior conj	-2151 Jul 07 j 21:07	26°♊07'06	-4°-22'-27
minimum elong	-2151 Jul 07 j 23:44	26°♊01'20	4°22'08
morning rise	-2151 Jul 15 j 02:35	21°♊14'55	
direct	-2151 Jul 17 j 13:58	20°♊49'50	
morning max el	-2151 Jul 24 j 14:30	24°♊18'29	18°01'40
asc. node	-2151 Jul 26 j 04:00	25°♊57'53	
	-2151 Jul 29 j 06:09	0°♋	
morning set	-2151 Aug 09 j 13:05	19°♋25'52	
	-2151 Aug 15 j 07:25	0°♌	
superior conj	-2151 Aug 19 j 20:01	8°♌04'55	1°33'20
minimum elong	-2151 Aug 20 j 00:08	8°♌23'01	1°33'02
max. Earth dist.	-2151 Aug 27 j 08:48	20°♌57'37	1.42012 AU
	-2151 Sep 01 j 21:54	0°♍	
evening rise	-2151 Sep 02 j 13:16	1°♍01'16	
desc. node	-2151 Sep 05 j 07:44	5°♍23'34	
	-2151 Sep 21 j 21:07	0°♎	
greatest brilliancy	-2151 Sep 30 j 11:16	11°♎21'50	-0.3m
evening max el	-2151 Oct 05 j 04:57	16°♎42'17	22°15'22
retrograde	-2151 Oct 14 j 16:18	22°♎20'20	
evening set	-2151 Oct 19 j 03:06	20°♎34'12	
asc. node	-2151 Oct 22 j 03:08	17°♎25'17	
inferior conj	-2151 Oct 24 j 12:05	14°♎14'28	0°48'39
minimum elong	-2151 Oct 24 j 10:59	14°♎18'19	0°48'11
min. Earth dist.	-2151 Oct 24 j 12:13	14°♎14'01	0.67497 AU
morning rise	-2151 Oct 29 j 18:42	7°♎59'04	
direct	-2151 Nov 03 j 09:32	6°♎05'54	
morning max el	-2151 Nov 12 j 23:59	11°♎48'11	22°28'43
greatest brilliancy	-2151 Nov 17 j 16:02	17°♎03'07	-0.3m
	-2151 Nov 27 j 09:10	0°♏	
desc. node	-2151 Dec 02 j 07:12	7°♏07'35	
morning set	-2151 Dec 16 j 12:39	29°♏11'42	
	-2151 Dec 17 j 00:30	0°♐	
max. Earth dist.	-2151 Dec 21 j 20:48	8°♐03'31	1.40614 AU
superior conj	-2151 Dec 29 j 15:37	21°♐38'55	-1°-58'-14
minimum elong	-2151 Dec 29 j 15:46	21°♐39'33	1°58'19
	-2150 Jan 03 j 05:17	0°♑	
evening rise	-2150 Jan 08 j 17:18	10°♑18'40	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2150 Jan 18 j 02:23	27°♉10'47	
	-2150 Jan 19 j 21:56	0°♒	
evening max el	-2150 Jan 24 j 22:30	6°♒16'00	18°19'51
retrograde	-2150 Feb 01 j 04:06	9°♒51'14	
evening set	-2150 Feb 03 j 16:18	9°♒26'26	
inferior conj	-2150 Feb 10 j 20:56	4°♒46'10	3°44'08
minimum elong	-2150 Feb 10 j 23:23	4°♒40'58	3°43'49
min. Earth dist.	-2150 Feb 14 j 06:26	1°♒55'01	0.59430 AU
	-2150 Feb 16 j 20:55	30°℞♉	
morning rise	-2150 Feb 18 j 03:04	29°♉13'48	
direct	-2150 Feb 24 j 13:32	27°♉22'45	
desc. node	-2150 Feb 28 j 06:21	27°♉57'56	
	-2150 Mar 04 j 13:58	0°♒	
morning max el	-2150 Mar 10 j 20:12	5°♒03'11	27°04'44
	-2150 Mar 29 j 06:25	0°♓	
morning set	-2150 Apr 10 j 08:38	22°♓52'32	
	-2150 Apr 13 j 17:13	0°♈	
asc. node	-2150 Apr 16 j 01:45	5°♈07'05	
superior conj	-2150 Apr 17 j 11:42	8°♈12'53	0°14'52
minimum elong	-2150 Apr 17 j 11:02	8°♈09'16	0°14'43
behind sun begin	-2150 Apr 17 j 09:13	7°♈59'20	
behind sun end	-2150 Apr 17 j 12:51	8°♈19'11	
max. Earth dist.	-2150 Apr 17 j 04:23	7°♈32'49	1.32462 AU
evening rise	-2150 Apr 24 j 11:18	23°♈18'45	
	-2150 Apr 27 j 17:33	0°♉	
	-2150 May 15 j 19:42	0°♊	
evening max el	-2150 May 23 j 01:37	8°♊11'52	26°08'52
desc. node	-2150 May 27 j 05:23	11°♊41'43	
retrograde	-2150 Jun 06 j 03:28	15°♊27'44	
evening set	-2150 Jun 12 j 08:32	13°♊52'39	
min. Earth dist.	-2150 Jun 16 j 14:28	11°♊12'49	0.59171 AU
inferior conj	-2150 Jun 19 j 23:03	8°♊39'39	-4°-30'-45
minimum elong	-2150 Jun 19 j 22:30	8°♊40'41	4°30'42
morning rise	-2150 Jun 27 j 16:10	4°♊09'50	
direct	-2150 Jun 30 j 03:34	3°♊48'47	
morning max el	-2150 Jul 07 j 23:21	7°♊32'51	18°28'01
asc. node	-2150 Jul 13 j 01:04	13°♊42'25	
	-2150 Jul 22 j 10:27	0°♋	
morning set	-2150 Jul 24 j 01:48	3°♋08'03	
superior conj	-2150 Aug 02 j 04:48	20°♋29'07	1°46'01
minimum elong	-2150 Aug 02 j 06:29	20°♋36'51	1°46'00
	-2150 Aug 07 j 10:52	0°♌	
max. Earth dist.	-2150 Aug 09 j 13:16	3°♌40'47	1.40113 AU
evening rise	-2150 Aug 14 j 00:11	11°♌15'13	
desc. node	-2150 Aug 23 j 04:43	25°♌58'12	
	-2150 Aug 25 j 20:12	0°♍	
	-2150 Sep 17 j 14:24	0°♎	
evening max el	-2150 Sep 17 j 18:43	0°♎10'50	23°35'39
retrograde	-2150 Sep 28 j 08:56	6°♎26'12	
evening set	-2150 Oct 03 j 09:43	4°♎21'09	
	-2150 Oct 07 j 07:06	30°℞♍	
inferior conj	-2150 Oct 08 j 18:49	27°♍58'56	0°-4'-38
minimum elong	-2150 Oct 08 j 18:56	27°♍58'34	0°04'35
transit middle	-2150 Oct 08 j 18:56	27°♍58'34	0°04'35
transit begin	-2150 Oct 08 j 16:20	28°♍07'28	
transit end	-2150 Oct 08 j 21:32	27°♍49'41	
min. Earth dist.	-2150 Oct 08 j 08:45	28°♍33'24	0.67483 AU
asc. node	-2150 Oct 09 j 00:13	27°♍40'32	
morning rise	-2150 Oct 14 j 04:14	21°♍47'20	
direct	-2150 Oct 18 j 05:10	20°♍15'42	
morning max el	-2150 Oct 26 j 16:40	25°♍14'23	21°07'27
	-2150 Oct 30 j 21:19	0°♎	
greatest brilliancy	-2150 Nov 01 j 04:45	1°♎38'48	-0.5m
desc. node	-2150 Nov 19 j 04:11	27°♎25'23	
	-2150 Nov 20 j 20:42	0°♏	
morning set	-2150 Nov 25 j 21:04	7°♏46'18	
max. Earth dist.	-2150 Dec 03 j 23:48	20°♏44'37	1.42520 AU
	-2150 Dec 09 j 13:38	0°♐	
superior conj	-2150 Dec 11 j 02:13	2°♐35'06	-1°-51'-53
minimum elong	-2150 Dec 10 j 22:19	2°♐18'30	1°51'45
evening rise	-2150 Dec 22 j 15:07	22°♐52'49	
	-2150 Dec 26 j 14:23	0°♑	
asc. node	-2149 Jan 04 j 23:26	15°♑16'52	
evening max el	-2149 Jan 08 j 09:04	19°♑18'54	18°07'59
retrograde	-2149 Jan 15 j 01:14	22°♑45'22	
evening set	-2149 Jan 17 j 17:00	22°♑12'40	
inferior conj	-2149 Jan 24 j 08:24	17°♑10'35	3°57'23
minimum elong	-2149 Jan 24 j 08:20	17°♑10'45	3°57'20
min. Earth dist.	-2149 Jan 27 j 09:34	14°♑13'44	0.61480 AU
morning rise	-2149 Jan 30 j 21:13	11°♑22'09	
direct	-2149 Feb 06 j 20:08	8°♑57'17	
desc. node	-2149 Feb 15 j 03:24	11°♑54'46	
morning max el	-2149 Feb 20 j 22:07	16°♑43'50	27°40'40
	-2149 Mar 03 j 22:03	0°♒	
	-2149 Mar 21 j 20:03	0°♓	
morning set	-2149 Mar 25 j 14:22	7°♓30'51	
max. Earth dist.	-2149 Mar 31 j 15:59	20°♓21'14	1.32617 AU
superior conj	-2149 Apr 01 j 22:34	23°♓07'29	0°-10'-37
minimum elong	-2149 Apr 01 j 23:04	23°♓10'09	0°10'32
behind sun begin	-2149 Apr 01 j 19:14	22°♓49'20	
behind sun end	-2149 Apr 02 j 02:53	23°♓30'59	
asc. node	-2149 Apr 02 j 22:47	25°♓19'33	
	-2149 Apr 05 j 02:14	0°♈	
evening rise	-2149 Apr 08 j 22:31	8°♈15'30	
	-2149 Apr 20 j 07:49	0°♉	
evening max el	-2149 May 04 j 19:13	19°♉13'57	24°48'59
desc. node	-2149 May 14 j 02:26	25°♉28'35	
retrograde	-2149 May 18 j 19:10	26°♉19'27	
evening set	-2149 May 23 j 18:55	25°♉22'49	
min. Earth dist.	-2149 May 29 j 07:10	22°♉29'43	0.57245 AU
inferior conj	-2149 Jun 01 j 05:37	20°♉33'34	-4°-7'-23
minimum elong	-2149 Jun 01 j 01:01	20°♉41'12	4°06'42
morning rise	-2149 Jun 09 j 11:05	16°♉24'06	
direct	-2149 Jun 11 j 23:37	16°♉05'54	
morning max el	-2149 Jun 21 j 00:32	20°♉18'39	19°14'54
	-2149 Jun 28 j 13:43	0°♊	
asc. node	-2149 Jun 29 j 22:06	2°♊13'05	
morning set	-2149 Jul 08 j 00:04	17°♊20'44	
	-2149 Jul 14 j 08:46	0°♋	
superior conj	-2149 Jul 16 j 07:23	3°♋48'04	1°48'03
minimum elong	-2149 Jul 16 j 06:54	3°♋45'45	1°48'06
max. Earth dist.	-2149 Jul 22 j 15:42	15°♋46'58	1.38140 AU
evening rise	-2149 Jul 26 j 12:48	22°♋43'55	
	-2149 Jul 30 j 18:31	0°♌	
desc. node	-2149 Aug 10 j 01:43	16°♌21'21	
	-2149 Aug 19 j 16:06	0°♍	
evening max el	-2149 Aug 31 j 06:14	13°♍43'36	24°54'12
retrograde	-2149 Sep 11 j 21:32	20°♍29'39	
evening set	-2149 Sep 17 j 13:20	18°♍06'25	
min. Earth dist.	-2149 Sep 22 j 03:25	12°♍53'46	0.67161 AU
inferior conj	-2149 Sep 23 j 00:03	11°♍45'30	0°-59'-4
minimum elong	-2149 Sep 23 j 01:29	11°♍40'46	0°58'27
asc. node	-2149 Sep 25 j 21:16	8°♍09'10	
morning rise	-2149 Sep 28 j 14:02	5°♍40'52	
direct	-2149 Oct 02 j 02:59	4°♍28'29	
morning max el	-2149 Oct 09 j 16:46	8°♍50'28	19°57'24
greatest brilliancy	-2149 Oct 17 j 04:34	18°♍06'48	-0.6m
	-2149 Oct 25 j 08:05	0°♎	
morning set	-2149 Nov 04 j 18:17	15°♎56'30	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2149 Nov 06 j 01:11	17°♎56'10	
	-2149 Nov 13 j 18:07	0°♏	
max. Earth dist.	-2149 Nov 16 j 10:47	4°♏16'45	1.43976 AU
superior conj	-2149 Nov 21 j 09:48	12°♏15'41	-1°-28'-50
minimum elong	-2149 Nov 21 j 02:25	11°♏45'45	1°28'11
	-2149 Dec 02 j 01:58	0°♐	
evening rise	-2149 Dec 04 j 18:58	4°♐36'58	
	-2149 Dec 20 j 15:10	0°♑	
asc. node	-2149 Dec 22 j 20:28	2°♑32'05	
evening max el	-2149 Dec 22 j 21:36	2°♑34'58	18°15'16
retrograde	-2149 Dec 29 j 09:56	6°♑05'23	
evening set	-2148 Jan 01 j 05:36	5°♑23'48	
inferior conj	-2148 Jan 07 j 10:42	0°♑01'00	3°48'35
minimum elong	-2148 Jan 07 j 08:48	0°♑06'12	3°48'19
	-2148 Jan 07 j 11:04	30°℞♐	
min. Earth dist.	-2148 Jan 09 j 21:53	27°♐19'40	0.63352 AU
morning rise	-2148 Jan 13 j 10:21	24°♐01'29	
direct	-2148 Jan 20 j 10:44	21°♐16'12	
desc. node	-2148 Feb 02 j 00:27	27°♐54'28	
morning max el	-2148 Feb 03 j 05:05	29°♐03'23	27°40'02
	-2148 Feb 04 j 03:28	0°♑	
	-2148 Feb 25 j 18:14	0°♒	
morning set	-2148 Mar 08 j 13:45	21°♒46'31	
	-2148 Mar 12 j 14:12	0°♓	
max. Earth dist.	-2148 Mar 13 j 22:17	2°♓48'42	1.33157 AU
superior conj	-2148 Mar 16 j 06:48	7°♓50'02	0°-36'-30
minimum elong	-2148 Mar 16 j 08:28	7°♓59'04	0°36'11
asc. node	-2148 Mar 19 j 19:48	15°♓28'12	
evening rise	-2148 Mar 23 j 10:13	23°♓09'28	
	-2148 Mar 26 j 18:00	0°♈	
evening max el	-2148 Apr 15 j 10:36	29°♈53'54	23°15'29
	-2148 Apr 15 j 13:09	0°♉	
retrograde	-2148 Apr 28 j 22:02	6°♉35'17	
desc. node	-2148 Apr 29 j 23:30	6°♉32'46	
evening set	-2148 May 02 j 12:46	6°♉06'42	
min. Earth dist.	-2148 May 09 j 20:52	2°♉47'52	0.55789 AU
inferior conj	-2148 May 11 j 16:23	1°♉43'58	-3°-2'-31
minimum elong	-2148 May 11 j 09:49	1°♉53'38	3°00'46
	-2148 May 14 j 17:43	30°℞♈	
morning rise	-2148 May 20 j 10:05	27°♈47'37	
direct	-2148 May 23 j 00:59	27°♈30'54	
	-2148 May 30 j 14:10	0°♉	
morning max el	-2148 Jun 02 j 15:38	2°♉26'15	20°22'22
asc. node	-2148 Jun 15 j 19:08	21°♉18'08	
	-2148 Jun 20 j 06:12	0°♊	
morning set	-2148 Jun 21 j 04:53	1°♊54'56	
superior conj	-2148 Jun 28 j 22:40	17°♊46'36	1°41'55
minimum elong	-2148 Jun 28 j 20:47	17°♊37'07	1°41'51
max. Earth dist.	-2148 Jul 03 j 21:40	27°♊35'46	1.36322 AU
	-2148 Jul 05 j 03:44	0°♋	
evening rise	-2148 Jul 07 j 23:33	5°♋17'51	
	-2148 Jul 22 j 15:10	0°♌	
desc. node	-2148 Jul 26 j 22:45	6°♌26'20	
evening max el	-2148 Aug 12 j 17:25	27°♌17'40	26°03'23
	-2148 Aug 15 j 17:23	0°♍	
retrograde	-2148 Aug 25 j 05:26	4°♍25'01	
evening set	-2148 Aug 31 j 12:00	1°♍46'53	
	-2148 Sep 02 j 08:14	30°℞♌	
min. Earth dist.	-2148 Sep 04 j 17:45	27°♌11'49	0.66503 AU
inferior conj	-2148 Sep 06 j 01:56	25°♌30'55	-1°-53'00
minimum elong	-2148 Sep 06 j 04:40	25°♌22'23	1°51'57
morning rise	-2148 Sep 11 j 22:07	19°♌36'30	
asc. node	-2148 Sep 11 j 18:18	19°♌42'21	
direct	-2148 Sep 15 j 01:15	18°♌40'11	
morning max el	-2148 Sep 21 j 23:58	22°♌34'53	19°01'46
	-2148 Sep 27 j 23:40	0°♍	
morning set	-2148 Oct 14 j 04:29	24°♍51'22	
	-2148 Oct 17 j 10:57	0°♎	
desc. node	-2148 Oct 22 j 22:12	8°♎35'36	
max. Earth dist.	-2148 Oct 29 j 03:25	18°♎22'21	1.44785 AU
superior conj	-2148 Oct 30 j 17:27	20°♎52'25	0°-48'-51
minimum elong	-2148 Oct 30 j 11:24	20°♎28'31	0°48'08
	-2148 Nov 05 j 11:28	0°♏	
evening rise	-2148 Nov 15 j 00:36	15°♏23'36	
	-2148 Nov 24 j 00:21	0°♐	
evening max el	-2148 Dec 05 j 09:25	15°♐58'26	18°40'49
asc. node	-2148 Dec 08 j 17:29	18°♐42'34	
retrograde	-2148 Dec 12 j 02:05	19°♐43'26	
evening set	-2148 Dec 15 j 02:46	18°♐51'36	
inferior conj	-2148 Dec 21 j 00:06	13°♐10'36	3°24'21
minimum elong	-2148 Dec 20 j 21:17	13°♐19'04	3°23'43
min. Earth dist.	-2148 Dec 22 j 20:10	10°♐58'23	0.64899 AU
morning rise	-2148 Dec 26 j 14:40	7°♐03'04	
direct	-2147 Jan 02 j 08:13	4°♐12'20	
morning max el	-2147 Jan 15 j 14:40	11°♐53'08	27°05'35
desc. node	-2147 Jan 18 j 21:30	15°♐23'02	
	-2147 Jan 30 j 03:18	0°♑	
	-2147 Feb 17 j 06:18	0°♒	
morning set	-2147 Feb 20 j 03:47	5°♒29'50	
max. Earth dist.	-2147 Feb 24 j 19:25	14°♒44'06	1.34117 AU
superior conj	-2147 Feb 28 j 10:26	22°♒14'09	-1°-1'-42
minimum elong	-2147 Feb 28 j 13:10	22°♒28'32	1°01'15
	-2147 Mar 04 j 02:37	0°♓	
asc. node	-2147 Mar 06 j 16:50	5°♓28'51	
evening rise	-2147 Mar 07 j 20:37	7°♓54'14	
	-2147 Mar 19 j 18:24	0°♈	
evening max el	-2147 Mar 28 j 06:20	10°♈40'25	21°42'52
retrograde	-2147 Apr 09 j 14:23	16°♈39'41	
evening set	-2147 Apr 12 j 04:48	16°♈24'28	
desc. node	-2147 Apr 16 j 20:32	14°♈50'27	
inferior conj	-2147 Apr 21 j 13:25	12°♈21'36	-1°-18'-52
minimum elong	-2147 Apr 21 j 09:45	12°♈26'44	1°17'36
min. Earth dist.	-2147 Apr 21 j 10:14	12°♈26'04	0.55107 AU
morning rise	-2147 Apr 30 j 15:34	8°♈22'54	
direct	-2147 May 03 j 13:27	8°♈04'12	
morning max el	-2147 May 15 j 19:54	13°♈52'03	21°48'11
	-2147 May 27 j 20:56	0°♉	
asc. node	-2147 Jun 02 j 16:11	10°♉49'06	
morning set	-2147 Jun 05 j 13:59	16°♉44'13	
	-2147 Jun 11 j 21:23	0°♊	
superior conj	-2147 Jun 12 j 22:50	2°♊13'26	1°29'35
minimum elong	-2147 Jun 12 j 20:19	2°♊00'16	1°29'21
max. Earth dist.	-2147 Jun 16 j 11:48	9°♊31'40	1.34818 AU
evening rise	-2147 Jun 21 j 03:22	18°♊43'39	
	-2147 Jun 27 j 05:43	0°♋	
desc. node	-2147 Jul 13 j 19:46	26°♋05'05	
	-2147 Jul 16 j 18:17	0°♌	
evening max el	-2147 Jul 26 j 04:52	10°♌46'41	26°55'19
retrograde	-2147 Aug 08 j 08:19	18°♌05'40	
evening set	-2147 Aug 15 j 03:24	15°♌19'37	
min. Earth dist.	-2147 Aug 19 j 01:29	11°♌22'51	0.65482 AU
inferior conj	-2147 Aug 20 j 22:28	9°♌11'55	-2°-44'-30
minimum elong	-2147 Aug 21 j 02:14	9°♌00'57	2°43'14
morning rise	-2147 Aug 27 j 02:21	3°♌30'54	
direct	-2147 Aug 29 j 22:00	2°♌47'09	
asc. node	-2147 Aug 29 j 15:22	2°♌47'34	
morning max el	-2147 Sep 05 j 12:20	6°♌23'43	18°22'11
	-2147 Sep 21 j 14:41	0°♍	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning set	-2147 Sep 24 j 17:18	5°♍05'13	
superior conj	-2147 Oct 09 j 17:38	29°♍13'34	0°00'26
minimum elong	-2147 Oct 09 j 17:41	29°♍13'46	0°00'25
behind sun begin	-2147 Oct 09 j 06:31	28°♍29'36	
behind sun end	-2147 Oct 10 j 04:51	29°♍57'53	
desc. node	-2147 Oct 09 j 19:13	29°♍19'51	
	-2147 Oct 10 j 05:23	0°♎	
max. Earth dist.	-2147 Oct 11 j 21:46	2°♎39'19	1.44868 AU
evening rise	-2147 Oct 26 j 05:53	25°♎08'56	
	-2147 Oct 29 j 08:10	0°♏	
greatest brilliancy	-2147 Nov 09 j 10:37	17°♏08'25	-0.7m
evening max el	-2147 Nov 18 j 18:09	29°♏24'46	19°23'26
	-2147 Nov 19 j 08:10	0°♐	
retrograde	-2147 Nov 25 j 22:15	3°♐33'16	
asc. node	-2147 Nov 25 j 14:32	3°♐32'41	
evening set	-2147 Nov 29 j 05:41	2°♐29'16	
	-2147 Dec 02 j 01:21	30°℞♏	
inferior conj	-2147 Dec 04 j 21:23	26°♏33'08	2°49'16
minimum elong	-2147 Dec 04 j 18:25	26°♏42'43	2°48'21
min. Earth dist.	-2147 Dec 06 j 03:21	24°♏56'39	0.66078 AU
morning rise	-2147 Dec 10 j 06:21	20°♏20'11	
direct	-2147 Dec 16 j 11:56	17°♏36'40	
morning max el	-2147 Dec 29 j 00:13	24°♏59'28	26°04'09
	-2146 Jan 02 j 14:04	0°♐	
desc. node	-2146 Jan 05 j 18:33	3°♐53'57	
	-2146 Jan 23 j 14:25	0°♑	
morning set	-2146 Feb 03 j 04:18	18°♑27'35	
max. Earth dist.	-2146 Feb 07 j 04:40	26°♑04'21	1.35524 AU
	-2146 Feb 09 j 04:49	0°♒	
superior conj	-2146 Feb 12 j 07:01	6°♒11'47	-1°-24'-46
minimum elong	-2146 Feb 12 j 10:25	6°♒29'04	1°24'20
evening rise	-2146 Feb 20 j 03:47	22°♒22'47	
asc. node	-2146 Feb 21 j 13:53	25°♒16'08	
	-2146 Feb 23 j 23:03	0°♓	
evening max el	-2146 Mar 10 j 11:42	21°♓56'10	20°22'10
retrograde	-2146 Mar 21 j 04:34	27°♓02'47	
evening set	-2146 Mar 23 j 09:51	26°♓50'31	
inferior conj	-2146 Apr 01 j 09:38	22°♓52'28	0°39'09
minimum elong	-2146 Apr 01 j 11:22	22°♓49'53	0°38'32
min. Earth dist.	-2146 Apr 03 j 00:24	21°♓55'26	0.55364 AU
desc. node	-2146 Apr 03 j 17:37	21°♓30'35	
morning rise	-2146 Apr 10 j 10:38	18°♓32'32	
direct	-2146 Apr 14 j 02:20	18°♓03'25	
morning max el	-2146 Apr 27 j 15:06	24°♓41'44	23°26'03
	-2146 May 02 j 11:50	0°♈	
	-2146 May 20 j 05:48	0°♉	
asc. node	-2146 May 20 j 13:16	0°♉38'44	
morning set	-2146 May 21 j 01:28	1°♉42'29	
superior conj	-2146 May 28 j 04:58	16°♉59'17	1°12'36
minimum elong	-2146 May 28 j 02:26	16°♉45'42	1°12'14
max. Earth dist.	-2146 May 30 j 11:39	21°♉50'13	1.33688 AU
	-2146 Jun 03 j 10:10	0°♊	
evening rise	-2146 Jun 04 j 19:35	2°♊47'58	
	-2146 Jun 20 j 01:41	0°♋	
desc. node	-2146 Jun 30 j 16:47	15°♋06'40	
evening max el	-2146 Jul 08 j 15:56	24°♋01'15	27°22'41
	-2146 Jul 16 j 17:58	0°♌	
retrograde	-2146 Jul 22 j 05:45	1°♌23'35	
	-2146 Jul 27 j 08:25	30°℞♋	
evening set	-2146 Jul 29 j 08:40	28°♋40'30	
min. Earth dist.	-2146 Aug 02 j 00:42	25°♋19'22	0.64088 AU
inferior conj	-2146 Aug 04 j 11:15	22°♋44'18	-3°-30'-47
minimum elong	-2146 Aug 04 j 15:29	22°♋33'04	3°29'39
morning rise	-2146 Aug 11 j 00:10	17°♋19'44	
direct	-2146 Aug 13 j 14:46	16°♋45'15	
asc. node	-2146 Aug 16 j 12:28	17°♋28'09	
morning max el	-2146 Aug 20 j 03:22	20°♋12'05	17°59'45
	-2146 Aug 27 j 11:23	0°♌	
morning set	-2146 Sep 06 j 09:08	16°♌37'04	
	-2146 Sep 14 j 06:49	0°♍	
superior conj	-2146 Sep 19 j 08:35	8°♍21'37	0°46'20
minimum elong	-2146 Sep 19 j 13:21	8°♍41'00	0°45'45
max. Earth dist.	-2146 Sep 24 j 14:52	16°♍50'03	1.44233 AU
desc. node	-2146 Sep 26 j 16:13	20°♍05'55	
	-2146 Oct 02 j 23:56	0°♎	
evening rise	-2146 Oct 05 j 15:54	4°♎07'28	
	-2146 Oct 22 j 20:52	0°♏	
greatest brilliancy	-2146 Oct 26 j 11:07	5°♏00'58	-0.6m
evening max el	-2146 Nov 01 j 22:02	12°♏52'14	20°21'12
retrograde	-2146 Nov 09 j 19:41	17°♏31'23	
asc. node	-2146 Nov 12 j 11:36	16°♏50'32	
evening set	-2146 Nov 13 j 12:04	16°♏12'51	
inferior conj	-2146 Nov 18 j 23:56	10°♏04'59	2°06'28
minimum elong	-2146 Nov 18 j 21:23	10°♏13'34	2°05'32
min. Earth dist.	-2146 Nov 19 j 17:23	9°♏06'13	0.66896 AU
morning rise	-2146 Nov 24 j 06:09	3°♏49'05	
direct	-2146 Nov 29 j 21:08	1°♏21'47	
morning max el	-2146 Dec 11 j 08:45	8°♏12'22	24°45'03
desc. node	-2146 Dec 23 j 15:37	23°♏09'06	
	-2146 Dec 28 j 11:52	0°♐	
morning set	-2145 Jan 16 j 09:50	0°♑24'16	
	-2145 Jan 16 j 04:19	0°♑	
max. Earth dist.	-2145 Jan 20 j 03:24	7°♑07'08	1.37347 AU
superior conj	-2145 Jan 26 j 17:26	19°♑34'31	-1°-43'-42
minimum elong	-2145 Jan 26 j 20:42	19°♑50'24	1°43'29
	-2145 Jan 31 j 23:49	0°♒	
evening rise	-2145 Feb 04 j 05:32	6°♒28'55	
asc. node	-2145 Feb 08 j 10:55	14°♒44'49	
	-2145 Feb 17 j 18:28	0°♓	
evening max el	-2145 Feb 21 j 04:01	3°♓49'16	19°19'04
retrograde	-2145 Mar 02 j 04:56	8°♓08'17	
evening set	-2145 Mar 04 j 11:25	7°♓53'10	
inferior conj	-2145 Mar 12 j 18:33	3°♓44'32	2°18'54
minimum elong	-2145 Mar 12 j 23:12	3°♓36'48	2°17'34
min. Earth dist.	-2145 Mar 15 j 15:28	1°♓50'36	0.56508 AU
	-2145 Mar 18 j 19:01	30°℞♒	
morning rise	-2145 Mar 21 j 07:06	28°♒53'48	
desc. node	-2145 Mar 21 j 14:42	28°♒47'09	
direct	-2145 Mar 26 j 02:20	28°♒00'48	
	-2145 Apr 02 j 07:43	0°♓	
morning max el	-2145 Apr 09 j 05:56	5°♓14'20	25°04'31
	-2145 Apr 27 j 00:43	0°♈	
morning set	-2145 May 05 j 13:36	16°♈43'31	
asc. node	-2145 May 07 j 10:18	20°♈40'53	
	-2145 May 11 j 17:27	0°♉	
superior conj	-2145 May 12 j 14:44	1°♉55'55	0°52'06
minimum elong	-2145 May 12 j 12:40	1°♉44'37	0°51'44
max. Earth dist.	-2145 May 13 j 19:29	4°♉31'57	1.32936 AU
evening rise	-2145 May 19 j 20:28	17°♉18'39	
	-2145 May 26 j 08:27	0°♊	
	-2145 Jun 14 j 18:49	0°♋	
desc. node	-2145 Jun 17 j 13:50	3°♋14'53	
evening max el	-2145 Jun 21 j 00:30	6°♋48'12	27°19'42
retrograde	-2145 Jul 04 j 20:42	14°♋08'48	
evening set	-2145 Jul 11 j 23:58	11°♋42'16	
min. Earth dist.	-2145 Jul 15 j 14:01	8°♋48'51	0.62351 AU
inferior conj	-2145 Jul 18 j 13:18	6°♋00'41	-4°-7'-46
minimum elong	-2145 Jul 18 j 16:57	5°♋52'02	4°07'07

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning rise	-2145 Jul 25 j 12:24	0°♋55'37	
direct	-2145 Jul 28 j 00:22	0°♋27'39	
asc. node	-2145 Aug 03 j 09:33	3°♋32'14	
morning max el	-2145 Aug 03 j 18:14	3°♋53'03	17°55'27
morning set	-2145 Aug 19 j 22:39	29°♋10'59	
	-2145 Aug 20 j 09:34	0°♌	
superior conj	-2145 Aug 31 j 02:07	18°♌48'20	1°20'13
minimum elong	-2145 Aug 31 j 07:18	19°♌10'23	1°19'43
	-2145 Sep 06 j 18:58	0°♍	
max. Earth dist.	-2145 Sep 07 j 04:14	0°♍37'50	1.42970 AU
desc. node	-2145 Sep 13 j 13:13	10°♍50'17	
evening rise	-2145 Sep 14 j 22:08	12°♍59'21	
	-2145 Sep 26 j 02:27	0°♎	
greatest brilliancy	-2145 Oct 10 j 19:42	20°♎33'17	-0.4m
evening max el	-2145 Oct 15 j 19:59	26°♎19'17	21°31'13
	-2145 Oct 20 j 03:41	0°♏	
retrograde	-2145 Oct 24 j 16:22	1°♏34'34	
evening set	-2145 Oct 28 j 19:55	29°♎59'01	
	-2145 Oct 28 j 19:25	30°℞♎	
asc. node	-2145 Oct 30 j 08:41	28°♎35'12	
inferior conj	-2145 Nov 03 j 05:33	23°♎42'46	1°18'13
minimum elong	-2145 Nov 03 j 03:49	23°♎48'42	1°17'30
min. Earth dist.	-2145 Nov 03 j 11:45	23°♎21'23	0.67374 AU
morning rise	-2145 Nov 08 j 11:25	17°♎26'36	
direct	-2145 Nov 13 j 11:00	15°♎20'24	
morning max el	-2145 Nov 23 j 17:53	21°♎28'12	23°18'23
greatest brilliancy	-2145 Nov 29 j 00:49	27°♎25'43	-0.2m
	-2145 Dec 01 j 02:10	0°♏	
desc. node	-2145 Dec 10 j 12:39	12°♏55'17	
	-2145 Dec 21 j 19:12	0°♐	
morning set	-2145 Dec 28 j 14:05	11°♐03'24	
max. Earth dist.	-2144 Jan 01 j 22:42	18°♐29'47	1.39416 AU
	-2144 Jan 08 j 09:06	0°♑	
superior conj	-2144 Jan 09 j 13:32	2°♑11'13	-1°-55'-47
minimum elong	-2144 Jan 09 j 15:19	2°♑19'30	1°55'48
evening rise	-2144 Jan 18 j 23:10	20°♑05'59	
	-2144 Jan 24 j 04:47	0°♒	
asc. node	-2144 Jan 26 j 07:58	3°♒48'30	
evening max el	-2144 Feb 04 j 05:39	16°♒16'09	18°35'43
retrograde	-2144 Feb 11 j 23:37	20°♒02'43	
evening set	-2144 Feb 14 j 09:52	19°♒41'47	
inferior conj	-2144 Feb 21 j 23:29	15°♒13'41	3°23'14
minimum elong	-2144 Feb 22 j 03:18	15°♒06'16	3°22'32
min. Earth dist.	-2144 Feb 25 j 08:48	12°♒37'24	0.58271 AU
morning rise	-2144 Feb 29 j 16:59	9°♒54'36	
direct	-2144 Mar 06 j 15:23	8°♒26'03	
desc. node	-2144 Mar 07 j 11:47	8°♒27'52	
morning max el	-2144 Mar 20 j 22:36	15°♒58'48	26°28'34
	-2144 Apr 01 j 08:16	0°♓	
	-2144 Apr 18 j 05:12	0°♈	
morning set	-2144 Apr 19 j 00:44	1°♈41'40	
asc. node	-2144 Apr 23 j 07:21	10°♈50'54	
superior conj	-2144 Apr 26 j 02:18	16°♈57'01	0°29'02
minimum elong	-2144 Apr 26 j 01:02	16°♈50'09	0°28'46
max. Earth dist.	-2144 Apr 26 j 07:55	17°♈27'50	1.32540 AU
	-2144 May 02 j 03:05	0°♉	
evening rise	-2144 May 03 j 03:09	2°♉06'13	
	-2144 May 18 j 08:04	0°♊	
evening max el	-2144 Jun 02 j 03:53	18°♊55'55	26°43'40
desc. node	-2144 Jun 03 j 10:52	20°♊07'15	
retrograde	-2144 Jun 16 j 03:56	26°♊13'19	
evening set	-2144 Jun 22 j 20:58	24°♊16'38	
min. Earth dist.	-2144 Jun 26 j 17:18	21°♊37'06	0.60366 AU
inferior conj	-2144 Jun 30 j 01:07	18°♊52'34	-4°-29'-5
minimum elong	-2144 Jun 30 j 02:35	18°♊49'29	4°28'58
morning rise	-2144 Jul 07 j 11:24	14°♊09'35	
direct	-2144 Jul 09 j 22:46	13°♊46'14	
morning max el	-2144 Jul 17 j 06:06	17°♊19'47	18°10'20
asc. node	-2144 Jul 20 j 06:38	20°♊44'43	
	-2144 Jul 26 j 07:23	0°♋	
morning set	-2144 Aug 02 j 04:15	12°♋32'11	
superior conj	-2144 Aug 11 j 22:06	0°♌34'07	1°40'10
minimum elong	-2144 Aug 12 j 01:13	0°♌48'04	1°40'01
	-2144 Aug 11 j 14:32	0°♌	
max. Earth dist.	-2144 Aug 19 j 12:20	13°♌48'43	1.41239 AU
evening rise	-2144 Aug 24 j 19:17	22°♌34'10	
	-2144 Aug 29 j 11:13	0°♍	
desc. node	-2144 Aug 30 j 10:12	1°♍29'42	
	-2144 Sep 19 j 04:40	0°♎	
greatest brilliancy	-2144 Sep 22 j 13:06	4°♎13'00	-0.3m
evening max el	-2144 Sep 27 j 12:17	9°♎46'42	22°49'15
retrograde	-2144 Oct 07 j 10:46	15°♎40'27	
evening set	-2144 Oct 12 j 03:29	13°♎46'09	
asc. node	-2144 Oct 16 j 05:45	9°♎09'42	
inferior conj	-2144 Oct 17 j 12:20	7°♎25'04	0°26'17
minimum elong	-2144 Oct 17 j 11:44	7°♎27'11	0°26'01
min. Earth dist.	-2144 Oct 17 j 08:05	7°♎39'44	0.67535 AU
morning rise	-2144 Oct 22 j 19:56	1°♎11'11	
	-2144 Oct 24 j 17:24	30°℞♍	
direct	-2144 Oct 27 j 04:42	29°♍27'24	
	-2144 Oct 29 j 19:33	0°♎	
morning max el	-2144 Nov 05 j 07:01	4°♎49'56	21°53'05
greatest brilliancy	-2144 Nov 10 j 03:11	10°♎19'50	-0.4m
	-2144 Nov 24 j 08:20	0°♏	
desc. node	-2144 Nov 26 j 09:39	3°♏03'29	
morning set	-2144 Dec 07 j 13:14	20°♏18'05	
	-2144 Dec 13 j 12:11	0°♐	
max. Earth dist.	-2144 Dec 13 j 22:14	0°♐41'46	1.41465 AU
superior conj	-2144 Dec 21 j 13:57	13°♐47'41	-1°-57'-23
minimum elong	-2144 Dec 21 j 12:31	13°♐41'22	1°57'25
	-2144 Dec 30 j 13:10	0°♑	
evening rise	-2143 Jan 01 j 05:22	3°♑05'35	
asc. node	-2143 Jan 12 j 05:00	22°♑18'26	
evening max el	-2143 Jan 17 j 13:43	29°♑07'48	18°12'24
	-2143 Jan 18 j 12:20	0°♒	
retrograde	-2143 Jan 24 j 12:20	2°♒37'53	
evening set	-2143 Jan 27 j 02:04	2°♒09'47	
	-2143 Jan 30 j 20:45	30°℞♑	
inferior conj	-2143 Feb 03 j 00:38	27°♑19'51	3°52'59
minimum elong	-2143 Feb 03 j 01:59	27°♑16'49	3°52'51
min. Earth dist.	-2143 Feb 06 j 07:28	24°♑23'36	0.60304 AU
morning rise	-2143 Feb 09 j 22:56	21°♑39'49	
direct	-2143 Feb 16 j 15:56	19°♑33'35	
desc. node	-2143 Feb 22 j 08:51	20°♑57'24	
morning max el	-2143 Mar 02 j 21:07	27°♑16'49	27°24'35
	-2143 Mar 05 j 11:53	0°♒	
	-2143 Mar 25 j 21:21	0°♓	
morning set	-2143 Apr 03 j 09:01	16°♓29'17	
	-2143 Apr 09 j 16:45	0°♈	
max. Earth dist.	-2143 Apr 09 j 21:02	0°♈23'23	1.32488 AU
asc. node	-2143 Apr 10 j 04:22	1°♈03'27	
superior conj	-2143 Apr 10 j 13:51	1°♈55'23	0°04'11
minimum elong	-2143 Apr 10 j 13:40	1°♈54'20	0°04'09
behind sun begin	-2143 Apr 10 j 08:48	1°♈27'41	
behind sun end	-2143 Apr 10 j 18:32	2°♈21'00	
evening rise	-2143 Apr 17 j 13:15	17°♈01'20	
	-2143 Apr 24 j 00:43	0°♉	
	-2143 May 14 j 16:44	0°♊	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening max el	-2143 May 15 j 00:28	0°♊18'39	25°37'18
desc. node	-2143 May 21 j 07:55	5°♊12'09	
retrograde	-2143 May 29 j 01:59	7°♊31'11	
evening set	-2143 Jun 03 j 20:01	6°♊12'37	
min. Earth dist.	-2143 Jun 08 j 12:36	3°♊29'15	0.58326 AU
inferior conj	-2143 Jun 11 j 19:01	1°♊09'18	-4°-25'-22
minimum elong	-2143 Jun 11 j 16:44	1°♊13'24	4°25'11
	-2143 Jun 13 j 10:20	30°℞♉	
morning rise	-2143 Jun 19 j 17:22	26°♉48'56	
direct	-2143 Jun 22 j 05:19	26°♉29'08	
	-2143 Jun 30 j 01:55	0°♊	
morning max el	-2143 Jun 30 j 12:01	0°♊23'08	18°45'27
asc. node	-2143 Jul 07 j 03:40	8°♊50'13	
morning set	-2143 Jul 16 j 21:25	26°♊28'25	
	-2143 Jul 18 j 16:45	0°♋	
superior conj	-2143 Jul 25 j 15:10	13°♋23'53	1°48'01
minimum elong	-2143 Jul 25 j 15:51	13°♋27'06	1°48'04
max. Earth dist.	-2143 Aug 01 j 15:32	26°♋15'26	1.39270 AU
	-2143 Aug 03 j 18:44	0°♌	
evening rise	-2143 Aug 05 j 17:12	3°♌19'43	
desc. node	-2143 Aug 17 j 07:12	22°♌00'15	
	-2143 Aug 22 j 16:11	0°♍	
evening max el	-2143 Sep 10 j 00:38	23°♍16'33	24°09'38
retrograde	-2143 Sep 21 j 01:51	29°♍46'15	
evening set	-2143 Sep 26 j 09:03	27°♍32'56	
min. Earth dist.	-2143 Oct 01 j 04:03	22°♍00'00	0.67384 AU
inferior conj	-2143 Oct 01 j 18:38	21°♍10'41	0°-27'-40
minimum elong	-2143 Oct 01 j 19:18	21°♍08'27	0°27'24
asc. node	-2143 Oct 03 j 02:48	19°♍23'26	
morning rise	-2143 Oct 07 j 05:48	15°♍01'54	
direct	-2143 Oct 11 j 01:18	13°♍39'01	
morning max el	-2143 Oct 19 j 02:56	18°♍21'06	20°36'06
greatest brilliancy	-2143 Oct 25 j 07:43	25°♍43'58	-0.5m
	-2143 Oct 28 j 10:57	0°♎	
desc. node	-2143 Nov 13 j 06:38	23°♎27'32	
morning set	-2143 Nov 16 j 14:08	28°♎34'26	
	-2143 Nov 17 j 12:09	0°♏	
max. Earth dist.	-2143 Nov 26 j 04:54	13°♏46'56	1.43202 AU
superior conj	-2143 Dec 02 j 13:17	24°♏11'47	-1°-44'-18
minimum elong	-2143 Dec 02 j 07:36	23°♏48'07	1°43'57
	-2143 Dec 06 j 00:01	0°♐	
evening rise	-2143 Dec 14 j 20:09	15°♐19'55	
	-2143 Dec 23 j 06:55	0°♑	
asc. node	-2143 Dec 30 j 02:02	10°♑04'31	
evening max el	-2142 Jan 01 j 01:23	12°♑16'47	18°08'46
retrograde	-2142 Jan 07 j 15:03	15°♑43'56	
evening set	-2142 Jan 10 j 08:14	15°♑07'44	
inferior conj	-2142 Jan 16 j 18:55	9°♑56'35	3°55'56
minimum elong	-2142 Jan 16 j 17:58	9°♑59'02	3°55'50
min. Earth dist.	-2142 Jan 19 j 14:30	7°♑03'59	0.62301 AU
morning rise	-2142 Jan 23 j 01:34	4°♑02'37	
direct	-2142 Jan 30 j 02:08	1°♑27'13	
desc. node	-2142 Feb 09 j 05:54	5°♑50'52	
morning max el	-2142 Feb 13 j 01:42	9°♑15'34	27°44'54
	-2142 Mar 01 j 04:16	0°♒	
	-2142 Mar 18 j 00:41	0°♓	
morning set	-2142 Mar 18 j 12:23	0°♓59'08	
max. Earth dist.	-2142 Mar 24 j 06:50	13°♓04'14	1.32796 AU
superior conj	-2142 Mar 25 j 23:48	16°♓45'22	0°-21'-36
minimum elong	-2142 Mar 26 j 00:48	16°♓50'47	0°21'25
asc. node	-2142 Mar 28 j 01:23	21°♓14'40	
	-2142 Apr 01 j 02:44	0°♈	
evening rise	-2142 Apr 02 j 00:51	1°♈57'17	
	-2142 Apr 17 j 12:09	0°♉	

evening max el	-2142 Apr 26 j 16:10	11°♉07'17	24°09'55
desc. node	-2142 May 08 j 04:58	17°♉53'07	
retrograde	-2142 May 10 j 12:45	18°♉05'31	
evening set	-2142 May 14 j 22:05	17°♉22'30	
min. Earth dist.	-2142 May 21 j 03:40	14°♉19'40	0.56548 AU
inferior conj	-2142 May 23 j 16:51	12°♉44'05	-3°-45'-15
minimum elong	-2142 May 23 j 10:56	12°♉53'23	3°44'02
morning rise	-2142 Jun 01 j 03:43	8°♉41'46	
direct	-2142 Jun 03 j 16:46	8°♉24'37	
morning max el	-2142 Jun 13 j 09:13	12°♉53'51	19°41'10
asc. node	-2142 Jun 24 j 00:42	27°♉36'29	
	-2142 Jun 25 j 08:31	0°♊	
morning set	-2142 Jun 30 j 22:44	10°♊50'38	
superior conj	-2142 Jul 08 j 23:40	27°♊01'11	1°46'19
minimum elong	-2142 Jul 08 j 22:30	26°♊55'25	1°46'20
	-2142 Jul 10 j 12:02	0°♋	
max. Earth dist.	-2142 Jul 14 j 18:11	8°♋08'44	1.37332 AU
evening rise	-2142 Jul 18 j 15:47	15°♋17'28	
	-2142 Jul 27 j 06:34	0°♌	
desc. node	-2142 Aug 04 j 04:13	12°♌16'27	
	-2142 Aug 17 j 06:42	0°♍	
evening max el	-2142 Aug 23 j 11:37	6°♍49'35	25°25'16
retrograde	-2142 Sep 04 j 12:41	13°♍46'52	
evening set	-2142 Sep 10 j 10:49	11°♍16'39	
min. Earth dist.	-2142 Sep 14 j 21:13	6°♍19'39	0.66917 AU
inferior conj	-2142 Sep 15 j 22:40	4°♍57'07	-1°-22'-9
minimum elong	-2142 Sep 16 j 00:39	4°♍50'39	1°21'20
asc. node	-2142 Sep 19 j 23:51	0°♍14'08	
	-2142 Sep 20 j 06:04	30°℞♌	
morning rise	-2142 Sep 21 j 15:05	28°♌56'22	
direct	-2142 Sep 24 j 23:28	27°♌51'25	
	-2142 Sep 30 j 00:54	0°♍	
morning max el	-2142 Oct 02 j 06:13	2°♍01'05	19°31'49
greatest brilliancy	-2142 Oct 11 j 03:59	13°♍26'23	-0.7m
	-2142 Oct 22 j 02:48	0°♎	
morning set	-2142 Oct 26 j 14:04	6°♎55'40	
desc. node	-2142 Oct 31 j 03:38	14°♎02'19	
max. Earth dist.	-2142 Nov 08 j 18:01	27°♎33'11	1.44402 AU
	-2142 Nov 10 j 07:01	0°♏	
superior conj	-2142 Nov 12 j 09:32	3°♏21'32	-1°-13'-41
minimum elong	-2142 Nov 12 j 01:57	2°♏51'11	1°12'54
evening rise	-2142 Nov 26 j 14:58	26°♏39'53	
	-2142 Nov 28 j 14:44	0°♐	
evening max el	-2142 Dec 15 j 13:54	25°♐36'14	18°24'00
asc. node	-2142 Dec 16 j 23:04	26°♐53'46	
retrograde	-2142 Dec 22 j 03:16	29°♐11'43	
evening set	-2142 Dec 25 j 00:48	28°♐26'07	
inferior conj	-2142 Dec 31 j 02:21	22°♐55'31	3°39'50
minimum elong	-2142 Dec 30 j 23:58	23°♐02'22	3°39'26
min. Earth dist.	-2141 Jan 02 j 07:13	20°♐25'00	0.64055 AU
morning rise	-2141 Jan 05 j 21:40	16°♐52'11	
direct	-2141 Jan 12 j 20:03	14°♐02'25	
morning max el	-2141 Jan 26 j 10:01	21°♐48'45	27°29'06
desc. node	-2141 Jan 27 j 02:56	22°♐31'27	
	-2141 Feb 02 j 15:02	0°♑	
	-2141 Feb 22 j 07:26	0°♒	
morning set	-2141 Mar 02 j 08:13	15°♒02'08	
max. Earth dist.	-2141 Mar 07 j 09:23	25°♒17'23	1.33503 AU
	-2141 Mar 09 j 15:07	0°♓	
superior conj	-2141 Mar 10 j 06:20	1°♓20'47	0°-47'-22
minimum elong	-2141 Mar 10 j 08:30	1°♓32'17	0°46'58
asc. node	-2141 Mar 14 j 22:26	11°♓20'20	
evening rise	-2141 Mar 17 j 12:12	16°♓47'38	
	-2141 Mar 24 j 03:14	0°♈	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening max el	-2141 Apr 08 j 08:44	21°♈47'13	22°35'22
retrograde	-2141 Apr 21 j 10:45	28°♈12'41	
evening set	-2141 Apr 24 j 13:07	27°♈51'39	
desc. node	-2141 Apr 25 j 02:01	27°♈43'54	
min. Earth dist.	-2141 May 02 j 17:26	24°♈17'54	0.55384 AU
inferior conj	-2141 May 03 j 20:41	23°♈39'00	-2°-22'-24
minimum elong	-2141 May 03 j 14:46	23°♈47'28	2°20'35
morning rise	-2141 May 12 j 18:42	19°♈43'30	
direct	-2141 May 15 j 11:31	19°♈26'36	
morning max el	-2141 May 26 j 19:45	24°♈44'22	20°56'50
	-2141 May 31 j 13:19	0°♉	
asc. node	-2141 Jun 10 j 21:45	16°♉53'54	
morning set	-2141 Jun 15 j 05:40	25°♉32'25	
	-2141 Jun 17 j 09:25	0°♊	
superior conj	-2141 Jun 22 j 19:11	11°♊13'28	1°37'21
minimum elong	-2141 Jun 22 j 16:57	11°♊02'00	1°37'12
max. Earth dist.	-2141 Jun 27 j 03:08	19°♊57'51	1.35639 AU
evening rise	-2141 Jul 01 j 10:31	28°♊16'10	
	-2141 Jul 02 j 08:45	0°♋	
	-2141 Jul 20 j 12:34	0°♌	
desc. node	-2141 Jul 22 j 01:16	2°♌11'45	
evening max el	-2141 Aug 05 j 23:07	20°♌23'36	26°28'06
retrograde	-2141 Aug 18 j 18:37	27°♌37'04	
evening set	-2141 Aug 25 j 06:43	24°♌54'49	
min. Earth dist.	-2141 Aug 29 j 09:12	20°♌35'45	0.66113 AU
inferior conj	-2141 Aug 30 j 22:35	18°♌41'49	-2°-15'-19
minimum elong	-2141 Aug 31 j 01:48	18°♌32'02	2°14'07
morning rise	-2141 Sep 05 j 21:51	12°♌52'23	
asc. node	-2141 Sep 06 j 20:54	12°♌25'05	
direct	-2141 Sep 08 j 21:29	12°♌01'47	
morning max el	-2141 Sep 15 j 15:50	15°♌47'55	18°42'47
	-2141 Sep 26 j 03:00	0°♍	
morning set	-2141 Oct 06 j 10:52	16°♍22'35	
	-2141 Oct 15 j 00:39	0°♎	
desc. node	-2141 Oct 18 j 00:40	4°♎44'16	
superior conj	-2141 Oct 22 j 11:20	11°♎44'15	0°-28'-21
minimum elong	-2141 Oct 22 j 07:36	11°♎29'34	0°27'53
max. Earth dist.	-2141 Oct 22 j 11:38	11°♎45'24	1.44918 AU
	-2141 Nov 03 j 00:50	0°♏	
evening rise	-2141 Nov 07 j 10:10	6°♏59'48	
	-2141 Nov 22 j 01:02	0°♐	
evening max el	-2141 Nov 29 j 00:46	9°♐01'37	18°57'00
asc. node	-2141 Dec 03 j 20:07	12°♐31'51	
retrograde	-2141 Dec 05 j 21:21	12°♐55'10	
evening set	-2141 Dec 09 j 00:44	11°♐58'23	
inferior conj	-2141 Dec 14 j 19:27	6°♐10'45	3°10'31
minimum elong	-2141 Dec 14 j 16:29	6°♐19'58	3°09'45
min. Earth dist.	-2141 Dec 16 j 09:23	4°♐13'14	0.65456 AU
morning rise	-2141 Dec 20 j 07:17	0°♐00'52	
	-2141 Dec 20 j 07:41	30°℞♏	
direct	-2141 Dec 26 j 20:23	27°♏11'40	
	-2140 Jan 03 j 06:10	0°♐	
morning max el	-2140 Jan 08 j 19:34	4°♐45'54	26°42'06
desc. node	-2140 Jan 13 j 23:59	10°♐28'52	
	-2140 Jan 28 j 03:35	0°♑	
morning set	-2140 Feb 13 j 17:02	28°♑27'12	
	-2140 Feb 14 j 12:27	0°♒	
max. Earth dist.	-2140 Feb 18 j 01:24	6°♒55'49	1.34659 AU
superior conj	-2140 Feb 22 j 07:19	15°♒34'30	-1°-11'-51
minimum elong	-2140 Feb 22 j 10:25	15°♒50'31	1°11'24
	-2140 Feb 29 j 04:53	0°♓	
evening rise	-2140 Feb 29 j 21:28	1°♓26'02	
asc. node	-2140 Feb 29 j 19:29	1°♓15'43	
	-2140 Mar 17 j 18:08	0°♈	

evening max el	-2140 Mar 20 j 08:17	2°♈44'21	21°06'43
retrograde	-2140 Apr 01 j 00:11	8°♈20'57	
evening set	-2140 Apr 03 j 09:09	8°♈07'52	
desc. node	-2140 Apr 10 j 23:05	5°♈06'09	
inferior conj	-2140 Apr 12 j 15:30	4°♈09'35	0°-28'-29
minimum elong	-2140 Apr 12 j 14:10	4°♈11'29	0°28'02
min. Earth dist.	-2140 Apr 13 j 06:58	3°♈47'44	0.55097 AU
morning rise	-2140 Apr 21 j 18:36	0°♈04'03	
	-2140 Apr 22 j 02:06	30°℞♓	
direct	-2140 Apr 24 j 22:55	29°♓42'04	
	-2140 Apr 27 j 18:28	0°♈	
morning max el	-2140 May 07 j 19:33	5°♈52'25	22°28'55
	-2140 May 24 j 11:04	0°♉	
asc. node	-2140 May 27 j 18:50	6°♉33'37	
morning set	-2140 May 29 j 16:02	10°♉26'23	
superior conj	-2140 Jun 05 j 22:12	25°♉49'15	1°22'53
minimum elong	-2140 Jun 05 j 19:36	25°♉35'32	1°22'35
	-2140 Jun 07 j 21:56	0°♊	
max. Earth dist.	-2140 Jun 08 j 21:49	2°♊04'03	1.34294 AU
evening rise	-2140 Jun 13 j 20:09	12°♊00'05	
	-2140 Jun 23 j 16:33	0°♋	
desc. node	-2140 Jul 07 j 22:18	21°♋36'19	
	-2140 Jul 14 j 18:44	0°♌	
evening max el	-2140 Jul 18 j 10:51	3°♌48'44	27°10'21
retrograde	-2140 Jul 31 j 19:00	11°♌08'58	
evening set	-2140 Aug 07 j 18:12	8°♌22'56	
min. Earth dist.	-2140 Aug 11 j 13:34	4°♌41'47	0.64943 AU
inferior conj	-2140 Aug 13 j 16:10	2°♌19'58	-3°-4'-58
minimum elong	-2140 Aug 13 j 20:13	2°♌08'34	3°03'42
	-2140 Aug 15 j 19:51	30°℞♋	
morning rise	-2140 Aug 19 j 23:43	26°♋45'21	
direct	-2140 Aug 22 j 17:02	26°♋05'45	
asc. node	-2140 Aug 23 j 18:00	26°♋11'33	
morning max el	-2140 Aug 29 j 05:38	29°♋36'53	18°10'26
	-2140 Aug 29 j 14:37	0°♌	
morning set	-2140 Sep 16 j 11:42	27°♌11'30	
	-2140 Sep 18 j 04:13	0°♍	
superior conj	-2140 Sep 30 j 15:22	20°♍18'18	0°21'02
minimum elong	-2140 Sep 30 j 17:55	20°♍28'29	0°20'41
desc. node	-2140 Oct 03 j 21:43	25°♍29'39	
max. Earth dist.	-2140 Oct 04 j 06:20	26°♍03'45	1.44691 AU
	-2140 Oct 06 j 18:16	0°♎	
evening rise	-2140 Oct 17 j 06:04	16°♎22'24	
	-2140 Oct 26 j 01:58	0°♏	
greatest brilliancy	-2140 Nov 03 j 12:21	12°♏34'39	-0.6m
evening max el	-2140 Nov 11 j 07:41	22°♏29'02	19°46'18
retrograde	-2140 Nov 18 j 18:20	26°♏49'24	
asc. node	-2140 Nov 19 j 17:09	26°♏44'12	
evening set	-2140 Nov 22 j 05:26	25°♏39'18	
inferior conj	-2140 Nov 27 j 19:17	19°♏37'40	2°31'53
minimum elong	-2140 Nov 27 j 16:25	19°♏47'04	2°30'56
min. Earth dist.	-2140 Nov 28 j 19:38	18°♏17'30	0.66474 AU
morning rise	-2140 Dec 03 j 02:47	13°♏23'25	
direct	-2140 Dec 09 j 02:21	10°♏46'12	
morning max el	-2140 Dec 21 j 04:40	17°♏56'07	25°32'06
desc. node	-2140 Dec 30 j 21:03	29°♏20'34	
	-2140 Dec 31 j 08:59	0°♐	
	-2139 Jan 20 j 03:37	0°♑	
morning set	-2139 Jan 26 j 10:13	11°♑01'06	
max. Earth dist.	-2139 Jan 30 j 06:03	18°♑07'02	1.36260 AU
superior conj	-2139 Feb 05 j 00:04	29°♑18'50	-1°-33'-26
minimum elong	-2139 Feb 05 j 03:32	29°♑36'10	1°33'05
	-2139 Feb 05 j 08:18	0°♒	
evening rise	-2139 Feb 13 j 02:41	15°♒46'27	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2139 Feb 15 j 16:31	20°♒56'04	
	-2139 Feb 20 j 12:11	0°♓	
evening max el	-2139 Mar 02 j 18:18	14°♓15'32	19°52'54
retrograde	-2139 Mar 12 j 17:26	19°♓00'43	
evening set	-2139 Mar 14 j 22:36	18°♓47'39	
inferior conj	-2139 Mar 23 j 15:42	14°♓46'12	1°25'13
minimum elong	-2139 Mar 23 j 19:10	14°♓40'50	1°24'04
min. Earth dist.	-2139 Mar 25 j 21:06	13°♓24'13	0.55754 AU
desc. node	-2139 Mar 28 j 20:08	11°♓44'29	
morning rise	-2139 Apr 01 j 12:42	10°♓13'58	
direct	-2139 Apr 05 j 15:20	9°♓36'38	
morning max el	-2139 Apr 19 j 12:08	16°♓31'19	24°08'51
	-2139 Apr 30 j 07:49	0°♈	
morning set	-2139 May 14 j 04:01	25°♈26'33	
asc. node	-2139 May 14 j 15:55	26°♈29'12	
	-2139 May 16 j 07:33	0°♉	
superior conj	-2139 May 21 j 06:08	10°♉40'14	1°04'16
minimum elong	-2139 May 21 j 03:44	10°♉27'19	1°03'54
max. Earth dist.	-2139 May 23 j 01:32	14°♉33'29	1.33323 AU
evening rise	-2139 May 28 j 16:26	26°♉16'24	
	-2139 May 30 j 13:19	0°♊	
	-2139 Jun 17 j 02:01	0°♋	
desc. node	-2139 Jun 24 j 19:19	10°♋17'10	
evening max el	-2139 Jun 30 j 21:03	16°♋52'30	27°25'17
retrograde	-2139 Jul 14 j 13:35	24°♋14'06	
evening set	-2139 Jul 21 j 17:59	21°♋36'04	
min. Earth dist.	-2139 Jul 25 j 08:26	18°♋28'23	0.63395 AU
inferior conj	-2139 Jul 28 j 00:45	15°♋46'00	-3°-47'-54
minimum elong	-2139 Jul 28 j 04:54	15°♋35'29	3°46'57
morning rise	-2139 Aug 03 j 17:54	10°♋29'35	
direct	-2139 Aug 06 j 07:11	9°♋58'05	
asc. node	-2139 Aug 10 j 15:06	11°♋29'12	
morning max el	-2139 Aug 12 j 20:57	13°♋22'50	17°55'40
	-2139 Aug 24 j 06:39	0°♌	
morning set	-2139 Aug 29 j 13:27	9°♌11'31	
superior conj	-2139 Sep 10 j 17:01	29°♌58'05	1°02'26
minimum elong	-2139 Sep 10 j 22:25	0°♍20'29	1°01'49
	-2139 Sep 10 j 17:29	0°♍	
max. Earth dist.	-2139 Sep 16 j 22:26	10°♍07'44	1.43766 AU
desc. node	-2139 Sep 20 j 18:42	16°♍15'10	
evening rise	-2139 Sep 26 j 12:04	25°♍11'41	
	-2139 Sep 29 j 15:04	0°♎	
greatest brilliancy	-2139 Oct 19 j 15:30	29°♎08'09	-0.5m
	-2139 Oct 20 j 07:31	0°♏	
evening max el	-2139 Oct 25 j 08:59	5°♏55'42	20°49'40
retrograde	-2139 Nov 02 j 15:46	10°♏50'00	
evening set	-2139 Nov 06 j 12:40	9°♏24'20	
asc. node	-2139 Nov 06 j 14:13	9°♏21'24	
inferior conj	-2139 Nov 11 j 23:22	3°♏12'11	1°46'33
minimum elong	-2139 Nov 11 j 21:07	3°♏19'49	1°45'41
min. Earth dist.	-2139 Nov 12 j 11:48	2°♏29'43	0.67136 AU
	-2139 Nov 14 j 09:07	30°℞♎	
morning rise	-2139 Nov 17 j 05:10	26°♎55'50	
direct	-2139 Nov 22 j 13:27	24°♎37'27	
	-2139 Dec 02 j 08:20	0°♏	
morning max el	-2139 Dec 03 j 13:20	1°♏10'54	24°08'35
desc. node	-2139 Dec 17 j 18:05	18°♏49'53	
	-2139 Dec 25 j 09:13	0°♐	
morning set	-2138 Jan 08 j 05:44	22°♐26'31	
max. Earth dist.	-2138 Jan 12 j 02:38	29°♐14'58	1.38212 AU
	-2138 Jan 12 j 12:41	0°♑	
superior conj	-2138 Jan 19 j 04:53	12°♑22'54	-1°-49'-52
minimum elong	-2138 Jan 19 j 07:43	12°♑36'25	1°49'45
evening rise	-2138 Jan 28 j 01:20	29°♑40'59	
	-2138 Jan 28 j 05:12	0°♒	
asc. node	-2138 Feb 02 j 13:33	10°♒14'51	
evening max el	-2138 Feb 13 j 14:45	26°♒23'02	18°58'05
	-2138 Feb 19 j 05:48	0°♓	
retrograde	-2138 Feb 22 j 01:23	0°♓26'42	
evening set	-2138 Feb 24 j 09:14	0°♓09'28	
	-2138 Feb 24 j 23:14	30°℞♒	
inferior conj	-2138 Mar 04 j 08:44	25°♒53'03	2°50'46
minimum elong	-2138 Mar 04 j 13:23	25°♒44'47	2°49'38
min. Earth dist.	-2138 Mar 07 j 12:58	23°♒38'38	0.57200 AU
morning rise	-2138 Mar 12 j 13:30	20°♒49'02	
desc. node	-2138 Mar 15 j 17:13	19°♒53'13	
direct	-2138 Mar 17 j 20:38	19°♒42'07	
morning max el	-2138 Apr 01 j 03:17	27°♒05'55	25°43'01
	-2138 Apr 03 j 22:28	0°♓	
	-2138 Apr 23 j 11:52	0°♈	
morning set	-2138 Apr 28 j 15:54	10°♈26'42	
asc. node	-2138 May 01 j 12:58	16°♈34'56	
superior conj	-2138 May 05 j 16:51	25°♈39'08	0°42'34
minimum elong	-2138 May 05 j 15:06	25°♈29'30	0°42'15
max. Earth dist.	-2138 May 06 j 11:36	27°♈21'26	1.32717 AU
	-2138 May 07 j 16:45	0°♉	
evening rise	-2138 May 12 j 20:03	10°♉54'35	
	-2138 May 22 j 19:35	0°♊	
desc. node	-2138 Jun 11 j 16:21	27°♊56'03	
evening max el	-2138 Jun 13 j 03:26	29°♊22'48	27°08'23
	-2138 Jun 13 j 19:19	0°♋	
retrograde	-2138 Jun 27 j 01:41	6°♋43'02	
evening set	-2138 Jul 04 j 02:06	4°♋27'21	
min. Earth dist.	-2138 Jul 07 j 17:16	1°♋42'07	0.61521 AU
	-2138 Jul 09 j 15:22	30°℞♊	
inferior conj	-2138 Jul 10 j 21:09	28°♊52'43	-4°-19'-14
minimum elong	-2138 Jul 11 j 00:06	28°♊46'06	4°18'51
morning rise	-2138 Jul 18 j 00:56	23°♊57'12	
direct	-2138 Jul 20 j 12:21	23°♊31'30	
morning max el	-2138 Jul 27 j 10:59	26°♊59'05	17°59'27
asc. node	-2138 Jul 28 j 12:12	28°♊04'19	
	-2138 Jul 30 j 03:13	0°♋	
morning set	-2138 Aug 12 j 10:27	22°♋07'11	
	-2138 Aug 16 j 18:02	0°♌	
superior conj	-2138 Aug 22 j 22:24	11°♌00'29	1°30'18
minimum elong	-2138 Aug 23 j 02:50	11°♌19'52	1°29'58
max. Earth dist.	-2138 Aug 30 j 09:20	23°♌40'17	1.42271 AU
	-2138 Sep 03 j 06:26	0°♍	
evening rise	-2138 Sep 05 j 22:42	4°♍16'36	
desc. node	-2138 Sep 07 j 15:42	6°♍58'04	
	-2138 Sep 23 j 00:25	0°♎	
greatest brilliancy	-2138 Oct 03 j 10:05	13°♎59'19	-0.4m
evening max el	-2138 Oct 08 j 04:18	19°♎22'36	22°03'42
retrograde	-2138 Oct 17 j 11:47	24°♎54'51	
evening set	-2138 Oct 21 j 20:36	23°♎11'35	
asc. node	-2138 Oct 24 j 11:17	20°♎32'22	
inferior conj	-2138 Oct 27 j 05:43	16°♎52'36	0°56'35
minimum elong	-2138 Oct 27 j 04:26	16°♎57'02	0°56'01
min. Earth dist.	-2138 Oct 27 j 07:25	16°♎46'42	0.67477 AU
morning rise	-2138 Nov 01 j 12:04	10°♎36'48	
direct	-2138 Nov 06 j 05:07	8°♎40'12	
morning max el	-2138 Nov 15 j 23:48	14°♎29'14	22°41'23
greatest brilliancy	-2138 Nov 20 j 16:31	19°♎45'28	-0.3m
	-2138 Nov 28 j 11:57	0°♏	
desc. node	-2138 Dec 04 j 15:06	8°♏46'19	
	-2138 Dec 18 j 09:00	0°♐	
morning set	-2138 Dec 19 j 21:40	2°♐29'23	
max. Earth dist.	-2138 Dec 24 j 22:29	10°♐54'09	1.40309 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2137 Jan 01 j 17:15	24°♐35'15	-1°-58'00
minimum elong	-2137 Jan 01 j 17:53	24°♐38'07	1°58'03
	-2137 Jan 04 j 16:08	0°♑	
evening rise	-2137 Jan 11 j 14:30	13°♑02'38	
asc. node	-2137 Jan 20 j 10:33	29°♑05'03	
	-2137 Jan 21 j 00:01	0°♒	
evening max el	-2137 Jan 27 j 19:28	9°♒01'21	18°23'21
retrograde	-2137 Feb 04 j 03:53	12°♒38'53	
evening set	-2137 Feb 06 j 15:36	12°♒15'08	
inferior conj	-2137 Feb 13 j 22:29	7°♒38'11	3°39'40
minimum elong	-2137 Feb 14 j 01:20	7°♒32'18	3°39'15
min. Earth dist.	-2137 Feb 17 j 08:26	4°♒50'01	0.59126 AU
morning rise	-2137 Feb 21 j 07:31	2°♒08'59	
direct	-2137 Feb 27 j 15:16	0°♒23'35	
desc. node	-2137 Mar 02 j 14:16	0°♒46'00	
morning max el	-2137 Mar 13 j 22:08	8°♒02'22	26°56'21
	-2137 Mar 30 j 12:20	0°♓	
morning set	-2137 Apr 13 j 01:59	25°♓20'34	
	-2137 Apr 15 j 06:54	0°♈	
asc. node	-2137 Apr 18 j 09:58	6°♈46'10	
superior conj	-2137 Apr 20 j 04:35	10°♈39'30	0°18'38
minimum elong	-2137 Apr 20 j 03:46	10°♈34'58	0°18'29
max. Earth dist.	-2137 Apr 20 j 00:32	10°♈17'17	1.32470 AU
evening rise	-2137 Apr 27 j 04:24	25°♈45'47	
	-2137 Apr 29 j 05:36	0°♉	
	-2137 May 16 j 16:12	0°♊	
evening max el	-2137 May 26 j 03:57	11°♊10'52	26°18'52
desc. node	-2137 May 29 j 13:24	14°♊06'38	
retrograde	-2137 Jun 09 j 05:33	18°♊27'14	
evening set	-2137 Jun 15 j 14:03	16°♊46'30	
min. Earth dist.	-2137 Jun 19 j 17:03	14°♊07'12	0.59476 AU
inferior conj	-2137 Jun 23 j 01:44	11°♊30'28	-4°-31'-19
minimum elong	-2137 Jun 23 j 01:46	11°♊30'24	4°31'17
morning rise	-2137 Jun 30 j 17:02	6°♊57'11	
direct	-2137 Jul 03 j 04:23	6°♊35'34	
morning max el	-2137 Jul 10 j 20:39	10°♊16'40	18°22'48
asc. node	-2137 Jul 15 j 09:15	15°♊40'43	
	-2137 Jul 23 j 20:43	0°♋	
morning set	-2137 Jul 26 j 21:27	5°♋44'11	
superior conj	-2137 Aug 05 j 04:02	23°♋15'00	1°44'50
minimum elong	-2137 Aug 05 j 06:04	23°♋24'23	1°44'47
	-2137 Aug 08 j 21:31	0°♌	
max. Earth dist.	-2137 Aug 12 j 14:37	6°♌30'21	1.40410 AU
evening rise	-2137 Aug 17 j 05:53	14°♌19'56	
desc. node	-2137 Aug 25 j 12:43	27°♌34'12	
	-2137 Aug 27 j 02:43	0°♍	
	-2137 Sep 18 j 02:25	0°♎	
evening max el	-2137 Sep 20 j 18:43	2°♎51'03	23°23'36
retrograde	-2137 Oct 01 j 04:52	9°♎00'47	
evening set	-2137 Oct 06 j 03:30	6°♎58'36	
min. Earth dist.	-2137 Oct 11 j 03:59	1°♎05'54	0.67509 AU
asc. node	-2137 Oct 11 j 08:20	0°♎50'57	
inferior conj	-2137 Oct 11 j 12:31	0°♎36'39	0°03'36
minimum elong	-2137 Oct 11 j 12:25	0°♎36'56	0°03'33
transit middle	-2137 Oct 11 j 12:25	0°♎36'56	0°03'33
transit begin	-2137 Oct 11 j 09:47	0°♎46'00	
transit end	-2137 Oct 11 j 15:04	0°♎27'53	
	-2137 Oct 11 j 23:13	30°℞♍	
morning rise	-2137 Oct 16 j 21:23	24°♍24'19	
direct	-2137 Oct 21 j 00:20	22°♍49'30	
morning max el	-2137 Oct 29 j 15:26	27°♍54'01	21°18'55
	-2137 Oct 31 j 14:20	0°♎	
greatest brilliancy	-2137 Nov 03 j 22:35	4°♎01'23	-0.4m
desc. node	-2137 Nov 21 j 12:07	29°♎01'55	
	-2137 Nov 22 j 03:26	0°♏	
morning set	-2137 Nov 29 j 09:34	11°♏13'12	
max. Earth dist.	-2137 Dec 07 j 00:31	23°♏27'50	1.42261 AU
	-2137 Dec 10 j 22:59	0°♐	
superior conj	-2137 Dec 14 j 07:39	5°♐42'36	-1°-53'-52
minimum elong	-2137 Dec 14 j 04:24	5°♐28'42	1°53'47
evening rise	-2137 Dec 25 j 14:39	25°♐43'45	
	-2137 Dec 27 j 23:16	0°♑	
asc. node	-2136 Jan 07 j 07:34	17°♑17'47	
evening max el	-2136 Jan 11 j 05:31	22°♑01'54	18°08'32
retrograde	-2136 Jan 17 j 22:58	25°♑28'47	
evening set	-2136 Jan 20 j 14:15	24°♑57'15	
inferior conj	-2136 Jan 27 j 07:24	19°♑58'15	3°56'59
minimum elong	-2136 Jan 27 j 07:41	19°♑57'34	3°56'55
min. Earth dist.	-2136 Jan 30 j 10:16	17°♑00'54	0.61179 AU
morning rise	-2136 Feb 02 j 22:34	14°♑11'57	
direct	-2136 Feb 09 j 20:21	11°♑51'34	
desc. node	-2136 Feb 17 j 11:19	14°♑21'19	
morning max el	-2136 Feb 23 j 23:08	19°♑37'07	27°37'42
	-2136 Mar 03 j 20:16	0°♒	
	-2136 Mar 22 j 07:05	0°♓	
morning set	-2136 Mar 27 j 08:28	10°♓01'48	
max. Earth dist.	-2136 Apr 02 j 12:45	23°♓08'41	1.32575 AU
superior conj	-2136 Apr 03 j 15:42	25°♓35'32	0°-6'-42
minimum elong	-2136 Apr 03 j 16:01	25°♓37'12	0°06'39
behind sun begin	-2136 Apr 03 j 11:23	25°♓11'57	
behind sun end	-2136 Apr 03 j 20:38	26°♓02'28	
asc. node	-2136 Apr 04 j 06:58	26°♓58'53	
	-2136 Apr 05 j 16:08	0°♈	
evening rise	-2136 Apr 10 j 15:25	10°♈42'44	
	-2136 Apr 20 j 14:08	0°♉	
evening max el	-2136 May 06 j 22:18	22°♉18'08	25°02'02
desc. node	-2136 May 15 j 10:25	28°♉15'15	
retrograde	-2136 May 20 j 22:48	29°♉25'29	
evening set	-2136 May 26 j 03:35	28°♉23'25	
min. Earth dist.	-2136 May 31 j 10:15	25°♉33'18	0.57518 AU
inferior conj	-2136 Jun 03 j 11:17	23°♉30'29	-4°-13'-30
minimum elong	-2136 Jun 03 j 07:16	23°♉37'19	4°12'57
morning rise	-2136 Jun 11 j 14:53	19°♉18'17	
direct	-2136 Jun 14 j 03:19	18°♉59'39	
morning max el	-2136 Jun 22 j 23:07	23°♉06'59	19°06'35
	-2136 Jun 28 j 15:39	0°♊	
asc. node	-2136 Jul 01 j 06:18	4°♊05'01	
morning set	-2136 Jul 09 j 18:29	19°♊52'34	
	-2136 Jul 14 j 21:06	0°♋	
superior conj	-2136 Jul 18 j 04:16	6°♋26'25	1°48'19
minimum elong	-2136 Jul 18 j 04:05	6°♋25'28	1°48'22
max. Earth dist.	-2136 Jul 24 j 17:11	18°♋41'23	1.38432 AU
evening rise	-2136 Jul 28 j 14:45	25°♋37'05	
	-2136 Jul 31 j 03:58	0°♌	
desc. node	-2136 Aug 11 j 09:43	17°♌59'07	
	-2136 Aug 19 j 17:42	0°♍	
evening max el	-2136 Sep 02 j 06:25	16°♍22'44	24°42'53
retrograde	-2136 Sep 13 j 18:04	23°♍04'34	
evening set	-2136 Sep 19 j 07:41	20°♍43'48	
min. Earth dist.	-2136 Sep 23 j 23:00	15°♍25'55	0.67230 AU
inferior conj	-2136 Sep 24 j 18:03	14°♍22'30	0°-50'-48
minimum elong	-2136 Sep 24 j 19:17	14°♍18'25	0°50'17
asc. node	-2136 Sep 27 j 05:25	11°♍13'13	
morning rise	-2136 Sep 30 j 07:15	8°♍16'48	
direct	-2136 Oct 03 j 21:52	7°♍01'46	
morning max el	-2136 Oct 11 j 14:28	11°♍28'30	20°07'01
greatest brilliancy	-2136 Oct 18 j 16:56	20°♍10'12	-0.6m
	-2136 Oct 25 j 13:10	0°♎	
morning set	-2136 Nov 07 j 06:58	19°♎22'37	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2136 Nov 07 j 09:08	19°♎31'00	
	-2136 Nov 14 j 02:18	0°♏	
max. Earth dist.	-2136 Nov 18 j 10:45	6°♏54'28	1.43794 AU
superior conj	-2136 Nov 23 j 19:20	15°♏34'16	-1°-33'-28
minimum elong	-2136 Nov 23 j 12:16	15°♏05'25	1°32'55
	-2136 Dec 02 j 10:59	0°♐	
evening rise	-2136 Dec 06 j 21:30	7°♐36'02	
	-2136 Dec 20 j 11:20	0°♑	
asc. node	-2136 Dec 24 j 04:36	4°♑41'27	
evening max el	-2136 Dec 24 j 17:56	5°♑16'12	18°12'58
retrograde	-2136 Dec 31 j 06:19	8°♑45'27	
evening set	-2135 Jan 03 j 01:19	8°♑05'16	
inferior conj	-2135 Jan 09 j 07:46	2°♑45'19	3°51'01
minimum elong	-2135 Jan 09 j 06:05	2°♑49'50	3°50'49
	-2135 Jan 11 j 21:24	30°℞♐	
min. Earth dist.	-2135 Jan 11 j 21:08	0°♑00'39	0.63087 AU
morning rise	-2135 Jan 15 j 09:06	26°♐47'05	
direct	-2135 Jan 22 j 09:47	24°♐04'03	
desc. node	-2135 Feb 03 j 08:22	0°♑04'41	
	-2135 Feb 03 j 06:17	0°♑	
morning max el	-2135 Feb 05 j 05:39	1°♑51'38	27°42'28
	-2135 Feb 26 j 01:26	0°♒	
morning set	-2135 Mar 11 j 09:00	24°♒21'18	
	-2135 Mar 14 j 03:23	0°♓	
max. Earth dist.	-2135 Mar 16 j 20:10	5°♓40'15	1.33052 AU
superior conj	-2135 Mar 19 j 00:26	10°♓19'59	0°-32'-35
minimum elong	-2135 Mar 19 j 01:56	10°♓28'05	0°32'18
asc. node	-2135 Mar 22 j 03:59	17°♓08'07	
evening rise	-2135 Mar 26 j 03:09	25°♓37'16	
	-2135 Mar 28 j 05:42	0°♈	
	-2135 Apr 15 j 17:07	0°♉	
evening max el	-2135 Apr 18 j 13:30	2°♉59'02	23°29'37
retrograde	-2135 May 02 j 03:41	9°♉45'27	
desc. node	-2135 May 02 j 07:28	9°♉45'23	
evening set	-2135 May 05 j 23:09	9°♉13'32	
min. Earth dist.	-2135 May 13 j 00:06	5°♉59'15	0.55967 AU
inferior conj	-2135 May 15 j 00:47	4°♉46'46	-3°-15'-9
minimum elong	-2135 May 14 j 18:14	4°♉56'34	3°13'30
morning rise	-2135 May 23 j 16:48	0°♉49'25	
direct	-2135 May 26 j 07:10	0°♉32'40	
morning max el	-2135 Jun 05 j 15:51	5°♉20'37	20°11'05
asc. node	-2135 Jun 18 j 03:22	23°♉05'18	
	-2135 Jun 21 j 17:55	0°♊	
morning set	-2135 Jun 23 j 22:29	4°♊23'43	
superior conj	-2135 Jul 01 j 17:57	20°♊19'43	1°43'17
minimum elong	-2135 Jul 01 j 16:14	20°♊11'06	1°43'14
	-2135 Jul 06 j 15:48	0°♋	
max. Earth dist.	-2135 Jul 06 j 22:08	0°♋30'20	1.36575 AU
evening rise	-2135 Jul 10 j 22:30	8°♋01'46	
	-2135 Jul 23 j 21:46	0°♌	
desc. node	-2135 Jul 29 j 06:45	8°♌07'09	
evening max el	-2135 Aug 15 j 17:26	29°♌56'19	25°54'01
	-2135 Aug 15 j 18:57	0°♍	
retrograde	-2135 Aug 28 j 02:46	7°♍01'33	
evening set	-2135 Sep 03 j 07:15	4°♍25'10	
	-2135 Sep 07 j 09:11	30°℞♌	
min. Earth dist.	-2135 Sep 07 j 14:09	29°♌44'28	0.66618 AU
inferior conj	-2135 Sep 08 j 20:35	28°♌08'09	-1°-45'00
minimum elong	-2135 Sep 08 j 23:07	28°♌00'07	1°43'59
asc. node	-2135 Sep 14 j 02:30	22°♌33'58	
morning rise	-2135 Sep 14 j 15:45	22°♌12'06	
direct	-2135 Sep 17 j 20:08	21°♌13'43	
morning max el	-2135 Sep 24 j 20:46	25°♌12'01	19°09'06
	-2135 Sep 28 j 22:34	0°♍	
morning set	-2135 Oct 17 j 13:57	28°♍07'18	
	-2135 Oct 18 j 18:43	0°♎	
desc. node	-2135 Oct 25 j 06:10	10°♎09'21	
max. Earth dist.	-2135 Nov 01 j 02:36	20°♎55'45	1.44705 AU
superior conj	-2135 Nov 03 j 05:51	24°♎18'17	0°-55'-47
minimum elong	-2135 Nov 02 j 23:12	23°♎51'55	0°55'01
	-2135 Nov 06 j 19:53	0°♏	
evening rise	-2135 Nov 18 j 06:43	18°♏31'42	
	-2135 Nov 25 j 06:36	0°♐	
evening max el	-2135 Dec 08 j 06:01	18°♐38'42	18°35'53
asc. node	-2135 Dec 11 j 01:40	21°♐02'41	
retrograde	-2135 Dec 14 j 21:40	22°♐21'05	
evening set	-2135 Dec 17 j 21:26	21°♐30'58	
inferior conj	-2135 Dec 23 j 19:47	15°♐52'31	3°28'46
minimum elong	-2135 Dec 23 j 17:03	16°♐00'38	3°28'12
min. Earth dist.	-2135 Dec 25 j 18:06	13°♐35'16	0.64691 AU
morning rise	-2135 Dec 29 j 11:28	9°♐45'53	
direct	-2134 Jan 05 j 06:24	6°♐54'57	
morning max el	-2134 Jan 18 j 15:06	14°♐37'45	27°12'35
desc. node	-2134 Jan 21 j 05:26	17°♐21'32	
	-2134 Jan 31 j 05:24	0°♑	
	-2134 Feb 18 j 17:04	0°♒	
morning set	-2134 Feb 23 j 00:41	8°♒09'57	
max. Earth dist.	-2134 Feb 27 j 18:49	17°♒40'07	1.33944 AU
superior conj	-2134 Mar 03 j 04:55	24°♒46'55	0°-57'-58
minimum elong	-2134 Mar 03 j 07:31	25°♒00'36	0°57'33
	-2134 Mar 05 j 16:04	0°♓	
asc. node	-2134 Mar 09 j 01:01	7°♓09'47	
evening rise	-2134 Mar 10 j 13:53	10°♓23'21	
	-2134 Mar 20 j 21:29	0°♈	
evening max el	-2134 Mar 31 j 08:10	13°♈42'26	21°56'06
retrograde	-2134 Apr 12 j 21:26	19°♈49'09	
evening set	-2134 Apr 15 j 14:22	19°♈32'50	
desc. node	-2134 Apr 19 j 04:32	18°♈25'40	
inferior conj	-2134 Apr 24 j 23:11	15°♈27'48	-1°-36'-15
minimum elong	-2134 Apr 24 j 18:49	15°♈33'57	1°34'47
min. Earth dist.	-2134 Apr 24 j 13:36	15°♈41'17	0.55148 AU
morning rise	-2134 May 04 j 00:32	11°♈30'31	
direct	-2134 May 06 j 20:42	11°♈12'34	
morning max el	-2134 May 18 j 21:45	16°♈52'40	21°34'26
	-2134 May 29 j 02:20	0°♉	
asc. node	-2134 Jun 05 j 00:25	12°♉32'39	
morning set	-2134 Jun 08 j 07:04	19°♉11'00	
	-2134 Jun 13 j 10:56	0°♊	
superior conj	-2134 Jun 15 j 17:01	4°♊42'59	1°31'48
minimum elong	-2134 Jun 15 j 14:33	4°♊30'10	1°31'34
max. Earth dist.	-2134 Jun 19 j 10:44	12°♊23'11	1.35017 AU
evening rise	-2134 Jun 24 j 00:07	21°♊20'48	
	-2134 Jun 28 j 16:01	0°♋	
desc. node	-2134 Jul 16 j 03:47	27°♋50'27	
	-2134 Jul 17 j 17:45	0°♌	
evening max el	-2134 Jul 29 j 04:53	13°♌26'35	26°49'02
retrograde	-2134 Aug 11 j 06:34	20°♌44'44	
evening set	-2134 Aug 17 j 23:56	17°♌59'20	
min. Earth dist.	-2134 Aug 21 j 23:04	13°♌56'50	0.65654 AU
inferior conj	-2134 Aug 23 j 18:05	11°♌50'02	-2°-37'-2
minimum elong	-2134 Aug 23 j 21:43	11°♌39'19	2°35'46
morning rise	-2134 Aug 29 j 20:44	6°♌06'46	
asc. node	-2134 Aug 31 j 23:36	5°♌24'26	
direct	-2134 Sep 01 j 17:17	5°♌21'25	
morning max el	-2134 Sep 08 j 08:31	9°♌00'19	18°26'58
	-2134 Sep 22 j 22:16	0°♍	
morning set	-2134 Sep 27 j 22:30	8°♍08'20	
	-2134 Oct 11 j 13:49	0°♎	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2134 Oct 12 j 03:11	0°♎52'53	
superior conj	-2134 Oct 13 j 05:40	2°♎37'22	0°-7'-7
minimum elong	-2134 Oct 13 j 04:43	2°♎33'39	0°07'00
behind sun begin	-2134 Oct 12 j 18:26	1°♎53'05	
behind sun end	-2134 Oct 13 j 15:00	3°♎14'12	
max. Earth dist.	-2134 Oct 14 j 20:39	5°♎11'00	1.44901 AU
evening rise	-2134 Oct 29 j 15:29	28°♎25'13	
	-2134 Oct 30 j 15:33	0°♏	
greatest brilliancy	-2134 Nov 11 j 12:42	18°♏32'19	-0.7m
	-2134 Nov 19 j 18:38	0°♐	
evening max el	-2134 Nov 21 j 15:22	2°♐04'39	19°16'06
asc. node	-2134 Nov 27 j 22:45	6°♐05'39	
retrograde	-2134 Nov 28 j 17:21	6°♐09'03	
evening set	-2134 Dec 01 j 23:39	5°♐07'03	
	-2134 Dec 07 j 01:20	30°℞♏	
inferior conj	-2134 Dec 07 j 16:05	29°♏13'07	2°55'07
minimum elong	-2134 Dec 07 j 13:05	29°♏22'40	2°54'14
min. Earth dist.	-2134 Dec 09 j 00:06	27°♏30'58	0.65929 AU
morning rise	-2134 Dec 13 j 01:40	23°♏00'49	
direct	-2134 Dec 19 j 09:19	20°♏15'24	
morning max el	-2133 Jan 01 j 00:40	27°♏41'49	26°14'34
	-2133 Jan 03 j 05:22	0°♐	
desc. node	-2133 Jan 08 j 02:30	5°♐44'06	
	-2133 Jan 24 j 22:05	0°♑	
morning set	-2133 Feb 06 j 03:32	21°♑15'18	
max. Earth dist.	-2133 Feb 10 j 05:43	29°♑04'06	1.35284 AU
	-2133 Feb 10 j 17:08	0°♒	
superior conj	-2133 Feb 15 j 02:45	8°♒49'04	-1°-21'-29
minimum elong	-2133 Feb 15 j 06:06	9°♒06'08	1°21'03
evening rise	-2133 Feb 22 j 21:40	24°♒54'35	
asc. node	-2133 Feb 23 j 22:04	26°♒59'17	
	-2133 Feb 25 j 09:56	0°♓	
evening max el	-2133 Mar 13 j 12:02	24°♓53'22	20°33'11
	-2133 Mar 22 j 17:35	0°♈	
retrograde	-2133 Mar 24 j 11:01	0°♈07'34	
	-2133 Mar 26 j 05:11	30°℞♓	
evening set	-2133 Mar 26 j 16:48	29°♓55'20	
inferior conj	-2133 Apr 04 j 18:37	25°♓57'54	0°21'44
minimum elong	-2133 Apr 04 j 19:37	25°♓56'27	0°21'23
min. Earth dist.	-2133 Apr 06 j 03:43	25°♓09'50	0.55263 AU
desc. node	-2133 Apr 06 j 01:34	25°♓12'56	
morning rise	-2133 Apr 13 j 20:32	21°♓42'02	
direct	-2133 Apr 17 j 08:57	21°♓15'06	
morning max el	-2133 Apr 30 j 18:02	27°♓46'50	23°11'07
	-2133 May 02 j 22:40	0°♈	
	-2133 May 21 j 18:14	0°♉	
asc. node	-2133 May 22 j 21:28	2°♉19'55	
morning set	-2133 May 23 j 18:21	4°♉08'34	
superior conj	-2133 May 30 j 22:27	19°♉26'48	1°15'26
minimum elong	-2133 May 30 j 19:53	19°♉13'04	1°15'05
max. Earth dist.	-2133 Jun 02 j 09:19	24°♉38'49	1.33832 AU
	-2133 Jun 04 j 23:12	0°♊	
evening rise	-2133 Jun 07 j 14:47	5°♊20'40	
	-2133 Jun 21 j 07:58	0°♋	
desc. node	-2133 Jul 03 j 00:48	16°♋58'40	
evening max el	-2133 Jul 11 j 16:14	26°♋44'39	27°20'26
	-2133 Jul 15 j 10:30	0°♌	
retrograde	-2133 Jul 25 j 04:48	4°♌06'33	
evening set	-2133 Aug 01 j 06:53	1°♌22'23	
	-2133 Aug 02 j 21:45	30°℞♋	
min. Earth dist.	-2133 Aug 04 j 23:45	27°♋56'08	0.64323 AU
inferior conj	-2133 Aug 07 j 08:12	25°♋24'16	-3°-24'-16
minimum elong	-2133 Aug 07 j 12:25	25°♋12'54	3°23'07
morning rise	-2133 Aug 13 j 19:41	19°♋56'52	
direct	-2133 Aug 16 j 10:53	19°♋21'09	
asc. node	-2133 Aug 18 j 20:41	19°♋51'06	
morning max el	-2133 Aug 22 j 23:17	22°♋48'56	18°01'53
	-2133 Aug 28 j 14:34	0°♌	
morning set	-2133 Sep 09 j 10:36	19°♌29'21	
	-2133 Sep 15 j 16:10	0°♍	
superior conj	-2133 Sep 22 j 17:14	11°♍34'48	0°40'04
minimum elong	-2133 Sep 22 j 21:35	11°♍52'21	0°39'31
max. Earth dist.	-2133 Sep 27 j 14:08	19°♍23'32	1.44377 AU
desc. node	-2133 Sep 29 j 00:13	21°♍38'41	
	-2133 Oct 04 j 07:56	0°♎	
evening rise	-2133 Oct 09 j 03:33	7°♎28'18	
	-2133 Oct 24 j 00:16	0°♏	
greatest brilliancy	-2133 Oct 29 j 02:04	7°♏14'01	-0.6m
evening max el	-2133 Nov 04 j 20:03	15°♏31'42	20°11'47
retrograde	-2133 Nov 12 j 14:40	20°♏05'40	
asc. node	-2133 Nov 14 j 19:49	19°♏37'24	
evening set	-2133 Nov 16 j 05:38	18°♏49'23	
inferior conj	-2133 Nov 21 j 17:57	12°♏43'06	2°13'21
minimum elong	-2133 Nov 21 j 15:19	12°♏51'58	2°12'23
min. Earth dist.	-2133 Nov 22 j 13:09	11°♏38'46	0.66800 AU
morning rise	-2133 Nov 27 j 00:25	6°♏27'39	
direct	-2133 Dec 02 j 17:43	3°♏57'30	
morning max el	-2133 Dec 14 j 09:12	10°♏53'21	24°57'32
desc. node	-2133 Dec 25 j 23:33	24°♏53'08	
	-2133 Dec 29 j 15:43	0°♐	
	-2132 Jan 17 j 14:25	0°♑	
morning set	-2132 Jan 19 j 12:15	3°♑21'53	
max. Earth dist.	-2132 Jan 23 j 05:42	10°♑07'27	1.37053 AU
superior conj	-2132 Jan 29 j 14:56	22°♑17'38	-1°-41'-13
minimum elong	-2132 Jan 29 j 18:17	22°♑34'05	1°40'57
	-2132 Feb 02 j 12:04	0°♒	
evening rise	-2132 Feb 07 j 00:22	9°♒04'30	
asc. node	-2132 Feb 10 j 19:06	16°♒31'08	
	-2132 Feb 18 j 14:57	0°♓	
evening max el	-2132 Feb 24 j 02:47	6°♓40'58	19°27'14
retrograde	-2132 Mar 04 j 09:06	11°♓06'11	
evening set	-2132 Mar 06 j 15:11	10°♓51'40	
inferior conj	-2132 Mar 15 j 00:59	6°♓45'14	2°05'53
minimum elong	-2132 Mar 15 j 05:27	6°♓37'57	2°04'33
min. Earth dist.	-2132 Mar 17 j 18:27	4°♓59'16	0.56289 AU
desc. node	-2132 Mar 22 j 22:38	2°♓15'22	
morning rise	-2132 Mar 23 j 16:00	1°♓59'26	
direct	-2132 Mar 28 j 06:56	1°♓10'54	
morning max el	-2132 Apr 11 j 09:02	8°♓19'53	24°50'27
	-2132 Apr 27 j 08:15	0°♈	
morning set	-2132 May 07 j 06:29	19°♈09'33	
asc. node	-2132 May 08 j 18:30	22°♈20'22	
	-2132 May 12 j 07:36	0°♉	
superior conj	-2132 May 14 j 07:48	4°♉22'06	0°55'24
minimum elong	-2132 May 14 j 05:37	4°♉10'18	0°55'02
max. Earth dist.	-2132 May 15 j 16:14	7°♉17'49	1.33026 AU
evening rise	-2132 May 21 j 14:35	19°♉48'00	
	-2132 May 26 j 19:06	0°♊	
	-2132 Jun 14 j 13:58	0°♋	
desc. node	-2132 Jun 18 j 21:50	5°♋16'04	
evening max el	-2132 Jun 23 j 01:22	9°♋36'36	27°22'11
retrograde	-2132 Jul 06 j 20:35	16°♋57'09	
evening set	-2132 Jul 14 j 00:30	14°♋27'17	
min. Earth dist.	-2132 Jul 17 j 14:29	11°♋30'31	0.62635 AU
inferior conj	-2132 Jul 20 j 12:01	8°♋43'28	-4°-2'-59
minimum elong	-2132 Jul 20 j 15:51	8°♋34'14	4°02'17
morning rise	-2132 Jul 27 j 09:33	3°♋35'17	
direct	-2132 Jul 29 j 21:50	3°♋06'25	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2132 Aug 04 j 17:45	5°♋43'26	
morning max el	-2132 Aug 05 j 14:19	6°♋31'15	17°54'52
	-2132 Aug 20 j 19:25	0°♌	
morning set	-2132 Aug 21 j 21:16	1°♌55'12	
superior conj	-2132 Sep 02 j 06:38	21°♌49'15	1°15'59
minimum elong	-2132 Sep 02 j 11:57	22°♌11'48	1°15'28
	-2132 Sep 07 j 04:17	0°♍	
max. Earth dist.	-2132 Sep 09 j 04:26	3°♍16'38	1.43197 AU
desc. node	-2132 Sep 14 j 21:13	12°♍23'30	
evening rise	-2132 Sep 17 j 09:08	16°♍18'06	
	-2132 Sep 26 j 08:30	0°♎	
greatest brilliancy	-2132 Oct 12 j 14:59	22°♎59'50	-0.4m
evening max el	-2132 Oct 17 j 18:54	28°♎58'47	21°20'11
	-2132 Oct 18 j 19:43	0°♏	
retrograde	-2132 Oct 26 j 11:33	4°♏08'22	
evening set	-2132 Oct 30 j 13:21	2°♏35'22	
asc. node	-2132 Oct 31 j 16:52	1°♏35'25	
	-2132 Nov 02 j 04:04	30°℞♎	
inferior conj	-2132 Nov 04 j 23:13	26°♎20'06	1°25'49
minimum elong	-2132 Nov 04 j 21:20	26°♎26'31	1°25'03
min. Earth dist.	-2132 Nov 05 j 06:59	25°♎53'22	0.67323 AU
morning rise	-2132 Nov 10 j 05:00	20°♎03'53	
direct	-2132 Nov 15 j 06:50	17°♎54'32	
morning max el	-2132 Nov 25 j 18:06	24°♎08'54	23°31'27
	-2132 Nov 30 j 23:10	0°♏	
greatest brilliancy	-2132 Dec 02 j 01:57	1°♏22'31	-0.2m
desc. node	-2132 Dec 11 j 20:35	14°♏35'15	
	-2132 Dec 22 j 02:48	0°♐	
morning set	-2132 Dec 30 j 20:37	14°♐13'21	
max. Earth dist.	-2131 Jan 04 j 01:16	21°♐26'05	1.39101 AU
	-2131 Jan 08 j 20:07	0°♑	
superior conj	-2131 Jan 11 j 13:26	5°♑01'52	-1°-54'-34
minimum elong	-2131 Jan 11 j 15:33	5°♑11'46	1°54'31
evening rise	-2131 Jan 20 j 19:24	22°♑46'25	
	-2131 Jan 24 j 13:56	0°♒	
asc. node	-2131 Jan 27 j 16:08	5°♒39'05	
evening max el	-2131 Feb 06 j 03:08	19°♒02'57	18°40'53
retrograde	-2131 Feb 14 j 01:03	22°♒53'32	
evening set	-2131 Feb 16 j 10:42	22°♒33'36	
inferior conj	-2131 Feb 24 j 02:47	18°♒08'31	3°15'51
minimum elong	-2131 Feb 24 j 06:54	18°♒00'43	3°15'01
min. Earth dist.	-2131 Feb 27 j 11:14	15°♒37'20	0.57981 AU
morning rise	-2131 Mar 03 j 23:16	12°♒53'07	
direct	-2131 Mar 09 j 17:53	11°♒30'29	
desc. node	-2131 Mar 09 j 19:41	11°♒30'30	
morning max el	-2131 Mar 24 j 01:11	19°♒01'01	26°17'34
	-2131 Apr 02 j 07:27	0°♓	
	-2131 Apr 19 j 17:49	0°♈	
morning set	-2131 Apr 21 j 17:51	4°♈08'12	
asc. node	-2131 Apr 25 j 15:31	12°♈29'10	
superior conj	-2131 Apr 28 j 19:09	19°♈22'29	0°32'39
minimum elong	-2131 Apr 28 j 17:46	19°♈14'50	0°32'23
max. Earth dist.	-2131 Apr 29 j 04:13	20°♈12'04	1.32578 AU
	-2131 May 03 j 16:42	0°♉	
evening rise	-2131 May 05 j 20:31	4°♉33'03	
	-2131 May 19 j 12:58	0°♊	
evening max el	-2131 Jun 05 j 05:33	21°♊49'53	26°51'01
desc. node	-2131 Jun 05 j 18:50	22°♊21'07	
retrograde	-2131 Jun 19 j 05:03	29°♊07'55	
evening set	-2131 Jun 26 j 00:29	27°♊05'51	
min. Earth dist.	-2131 Jun 29 j 19:02	24°♊25'31	0.60671 AU
inferior conj	-2131 Jul 03 j 02:08	21°♊39'04	-4°-27'-15
minimum elong	-2131 Jul 03 j 04:04	21°♊34'59	4°27'05
morning rise	-2131 Jul 10 j 10:44	16°♊52'52	
direct	-2131 Jul 12 j 22:06	16°♊28'55	
morning max el	-2131 Jul 20 j 02:49	20°♊00'26	18°06'54
asc. node	-2131 Jul 22 j 14:48	22°♊46'17	
	-2131 Jul 27 j 13:38	0°♋	
morning set	-2131 Aug 05 j 00:45	15°♋10'00	
	-2131 Aug 13 j 01:31	0°♌	
superior conj	-2131 Aug 14 j 22:59	3°♌24'13	1°37'59
minimum elong	-2131 Aug 15 j 02:27	3°♌39'43	1°37'47
max. Earth dist.	-2131 Aug 22 j 13:24	16°♌33'58	1.41515 AU
evening rise	-2131 Aug 28 j 03:08	25°♌43'54	
	-2131 Aug 30 j 19:20	0°♍	
desc. node	-2131 Sep 01 j 18:13	3°♍03'57	
	-2131 Sep 20 j 04:53	0°♎	
greatest brilliancy	-2131 Sep 25 j 16:10	7°♎01'23	-0.3m
evening max el	-2131 Sep 30 j 11:52	12°♎25'47	22°37'19
retrograde	-2131 Oct 10 j 06:25	18°♎14'07	
evening set	-2131 Oct 14 j 21:03	16°♎22'36	
asc. node	-2131 Oct 18 j 13:55	12°♎18'01	
inferior conj	-2131 Oct 20 j 05:56	10°♎01'51	0°34'20
minimum elong	-2131 Oct 20 j 05:08	10°♎04'36	0°33'59
min. Earth dist.	-2131 Oct 20 j 03:10	10°♎11'22	0.67528 AU
morning rise	-2131 Oct 25 j 13:09	3°♎47'26	
direct	-2131 Oct 29 j 23:59	2°♎00'27	
morning max el	-2131 Nov 08 j 06:30	7°♎29'47	22°05'24
greatest brilliancy	-2131 Nov 13 j 00:23	12°♎51'45	-0.4m
	-2131 Nov 25 j 13:33	0°♏	
desc. node	-2131 Nov 28 j 17:35	4°♏40'27	
morning set	-2131 Dec 11 j 00:00	23°♏39'49	
	-2131 Dec 14 j 21:23	0°♐	
max. Earth dist.	-2131 Dec 16 j 23:44	3°♐29'11	1.41172 AU
superior conj	-2131 Dec 24 j 17:04	16°♐47'33	-1°-58'00
minimum elong	-2131 Dec 24 j 16:13	16°♐43'49	1°58'03
	-2131 Dec 31 j 23:45	0°♑	
evening rise	-2130 Jan 04 j 03:30	5°♑51'41	
asc. node	-2130 Jan 14 j 13:10	24°♑14'28	
	-2130 Jan 18 j 17:20	0°♒	
evening max el	-2130 Jan 20 j 10:23	1°♒50'55	18°14'38
retrograde	-2130 Jan 27 j 11:16	5°♒22'38	
evening set	-2130 Jan 30 j 00:26	4°♒55'45	
inferior conj	-2130 Feb 06 j 01:04	0°♒09'11	3°50'22
minimum elong	-2130 Feb 06 j 02:49	0°♒05'21	3°50'11
	-2130 Feb 06 j 05:14	30°℞♑	
min. Earth dist.	-2130 Feb 09 j 09:01	27°♑14'13	0.59995 AU
morning rise	-2130 Feb 13 j 02:02	24°♑31'36	
direct	-2130 Feb 19 j 16:55	22°♑30'35	
desc. node	-2130 Feb 24 j 16:44	23°♑34'47	
	-2130 Mar 05 j 17:24	0°♒	
morning max el	-2130 Mar 05 j 22:48	0°♒13'07	27°18'23
	-2130 Mar 27 j 06:12	0°♓	
morning set	-2130 Apr 06 j 02:40	18°♓57'38	
	-2130 Apr 11 j 06:57	0°♈	
max. Earth dist.	-2130 Apr 12 j 17:23	3°♈07'56	1.32470 AU
asc. node	-2130 Apr 12 j 12:33	2°♈41'28	
superior conj	-2130 Apr 13 j 06:49	4°♈21'28	0°08'02
minimum elong	-2130 Apr 13 j 06:27	4°♈19'29	0°07'58
behind sun begin	-2130 Apr 13 j 02:06	3°♈55'36	
behind sun end	-2130 Apr 13 j 10:49	4°♈43'22	
evening rise	-2130 Apr 20 j 06:13	19°♈27'14	
	-2130 Apr 25 j 11:17	0°♉	
	-2130 May 14 j 22:28	0°♊	
evening max el	-2130 May 18 j 03:04	3°♊18'56	25°48'51
desc. node	-2130 May 23 j 15:51	7°♊44'29	
retrograde	-2130 Jun 01 j 04:49	10°♊32'58	
evening set	-2130 Jun 07 j 03:00	9°♊08'32	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

min. Earth dist.	-2130 Jun 11 j 15:26	6°♊26'47	0.58617 AU
inferior conj	-2130 Jun 14 j 22:57	4°♊01'42	-4°-28'-7
minimum elong	-2130 Jun 14 j 21:18	4°♊04'43	4°28'00
	-2130 Jun 21 j 16:10	30°℞♉	
morning rise	-2130 Jun 22 j 19:28	29°♉38'10	
direct	-2130 Jun 25 j 07:11	29°♉17'58	
	-2130 Jun 28 j 18:45	0°♊	
morning max el	-2130 Jul 03 j 09:52	3°♊08'10	18°38'56
asc. node	-2130 Jul 09 j 11:51	10°♊44'47	
morning set	-2130 Jul 19 j 16:28	29°♊01'43	
	-2130 Jul 20 j 04:29	0°♋	
superior conj	-2130 Jul 28 j 13:19	16°♋05'45	1°47'31
minimum elong	-2130 Jul 28 j 14:20	16°♋10'33	1°47'32
max. Earth dist.	-2130 Aug 04 j 16:54	29°♋06'09	1.39564 AU
	-2130 Aug 05 j 05:10	0°♌	
evening rise	-2130 Aug 08 j 21:14	6°♌18'39	
desc. node	-2130 Aug 19 j 15:13	23°♌36'14	
	-2130 Aug 23 j 21:24	0°♍	
evening max el	-2130 Sep 13 j 00:39	25°♍55'17	23°57'45
	-2130 Sep 17 j 18:45	0°♎	
retrograde	-2130 Sep 23 j 22:08	2°♎20'18	
evening set	-2130 Sep 29 j 03:03	0°♎09'52	
	-2130 Sep 29 j 07:36	30°℞♍	
min. Earth dist.	-2130 Oct 03 j 23:25	24°♍31'38	0.67426 AU
inferior conj	-2130 Oct 04 j 12:25	23°♍47'28	0°-19'-25
minimum elong	-2130 Oct 04 j 12:53	23°♍45'53	0°19'13
asc. node	-2130 Oct 05 j 10:58	22°♍31'27	
morning rise	-2130 Oct 09 j 22:56	17°♍37'34	
direct	-2130 Oct 13 j 20:17	16°♍11'44	
morning max el	-2130 Oct 22 j 01:18	20°♍59'32	20°46'47
greatest brilliancy	-2130 Oct 27 j 23:49	28°♍00'12	-0.5m
	-2130 Oct 29 j 11:56	0°♎	
desc. node	-2130 Nov 15 j 14:39	25°♎02'40	
	-2130 Nov 18 j 19:52	0°♏	
morning set	-2130 Nov 20 j 03:09	2°♏01'26	
max. Earth dist.	-2130 Nov 29 j 04:59	16°♏25'36	1.42976 AU
superior conj	-2130 Dec 05 j 20:26	27°♏23'01	-1°-47'-22
minimum elong	-2130 Dec 05 j 15:21	27°♏01'42	1°47'07
	-2130 Dec 07 j 09:39	0°♐	
evening rise	-2130 Dec 17 j 20:51	18°♐13'04	
	-2130 Dec 24 j 13:34	0°♑	
asc. node	-2129 Jan 01 j 10:12	12°♑07'46	
evening max el	-2129 Jan 03 j 21:43	14°♑57'42	18°08'06
retrograde	-2129 Jan 10 j 12:06	18°♑24'22	
evening set	-2129 Jan 13 j 04:45	17°♑49'28	
inferior conj	-2129 Jan 19 j 17:02	12°♑41'31	3°56'48
minimum elong	-2129 Jan 19 j 16:23	12°♑43'10	3°56'44
min. Earth dist.	-2129 Jan 22 j 14:42	9°♑46'53	0.62018 AU
morning rise	-2129 Jan 26 j 01:45	6°♑49'20	
direct	-2129 Feb 02 j 01:57	4°♑17'14	
desc. node	-2129 Feb 11 j 13:48	8°♑08'29	
morning max el	-2129 Feb 16 j 02:27	12°♑05'19	27°44'12
	-2129 Mar 02 j 07:51	0°♒	
	-2129 Mar 19 j 13:05	0°♓	
morning set	-2129 Mar 21 j 06:56	3°♓30'32	
max. Earth dist.	-2129 Mar 27 j 03:51	15°♓51'22	1.32721 AU
superior conj	-2129 Mar 28 j 17:09	19°♓13'11	0°-17'-40
minimum elong	-2129 Mar 28 j 17:57	19°♓17'36	0°17'31
asc. node	-2129 Mar 30 j 09:35	22°♓53'08	
	-2129 Apr 02 j 16:19	0°♈	
evening rise	-2129 Apr 04 j 17:44	4°♈23'29	
	-2129 Apr 18 j 13:16	0°♉	
evening max el	-2129 Apr 29 j 19:21	14°♉11'53	24°23'51
desc. node	-2129 May 10 j 12:54	20°♉49'43	
retrograde	-2129 May 13 j 17:30	21°♉13'07	
evening set	-2129 May 18 j 07:51	20°♉25'40	
min. Earth dist.	-2129 May 24 j 07:05	17°♉26'27	0.56779 AU
inferior conj	-2129 May 26 j 23:51	15°♉43'21	-3°-54'-9
minimum elong	-2129 May 26 j 18:21	15°♉52'11	3°53'08
morning rise	-2129 Jun 04 j 08:50	11°♉38'42	
direct	-2129 Jun 06 j 21:39	11°♉21'13	
morning max el	-2129 Jun 16 j 08:33	15°♉44'31	19°31'32
asc. node	-2129 Jun 26 j 08:55	29°♉25'48	
	-2129 Jun 26 j 16:44	0°♊	
morning set	-2129 Jul 03 j 16:48	13°♊20'45	
superior conj	-2129 Jul 11 j 19:51	29°♊36'54	1°47'06
minimum elong	-2129 Jul 11 j 18:55	29°♊32'19	1°47'07
	-2129 Jul 12 j 00:34	0°♋	
max. Earth dist.	-2129 Jul 17 j 19:16	11°♋03'04	1.37612 AU
evening rise	-2129 Jul 21 j 16:27	18°♋06'31	
	-2129 Jul 28 j 15:12	0°♌	
desc. node	-2129 Aug 06 j 12:15	13°♌54'52	
	-2129 Aug 18 j 03:38	0°♍	
evening max el	-2129 Aug 26 j 11:51	9°♍28'20	25°14'37
retrograde	-2129 Sep 07 j 09:39	16°♍21'56	
evening set	-2129 Sep 13 j 05:31	13°♍54'09	
min. Earth dist.	-2129 Sep 17 j 17:13	8°♍51'34	0.67010 AU
inferior conj	-2129 Sep 18 j 16:57	7°♍34'01	-1°-13'-55
minimum elong	-2129 Sep 18 j 18:44	7°♍28'10	1°13'10
asc. node	-2129 Sep 22 j 08:03	3°♍13'14	
morning rise	-2129 Sep 24 j 08:28	1°♍31'46	
direct	-2129 Sep 27 j 18:24	0°♍24'16	
morning max el	-2129 Oct 05 j 03:30	4°♍38'07	19°40'26
greatest brilliancy	-2129 Oct 13 j 11:41	15°♍11'27	-0.6m
	-2129 Oct 23 j 09:34	0°♎	
morning set	-2129 Oct 30 j 01:40	10°♎17'30	
desc. node	-2129 Nov 02 j 11:42	15°♎36'17	
max. Earth dist.	-2129 Nov 11 j 17:23	0°♏07'16	1.44267 AU
	-2129 Nov 11 j 15:34	0°♏	
superior conj	-2129 Nov 15 j 20:38	6°♏43'36	-1°-19'-26
minimum elong	-2129 Nov 15 j 12:59	6°♏12'53	1°18'41
evening rise	-2129 Nov 29 j 18:58	29°♏41'52	
	-2129 Nov 29 j 23:16	0°♐	
evening max el	-2129 Dec 18 j 10:21	28°♐16'33	18°20'35
asc. node	-2129 Dec 19 j 07:14	29°♐06'53	
	-2129 Dec 20 j 08:34	0°♑	
retrograde	-2129 Dec 24 j 23:09	1°♑49'57	
evening set	-2129 Dec 27 j 20:02	1°♑05'45	
	-2129 Dec 29 j 13:04	30°℞♐	
inferior conj	-2128 Jan 02 j 22:46	25°♐37'55	3°43'13
minimum elong	-2128 Jan 02 j 20:32	25°♐44'12	3°42'52
min. Earth dist.	-2128 Jan 05 j 05:53	23°♐03'19	0.63815 AU
morning rise	-2128 Jan 08 j 19:32	19°♐35'54	
direct	-2128 Jan 15 j 18:49	16°♐47'20	
desc. node	-2128 Jan 29 j 10:55	24°♐35'31	
morning max el	-2128 Jan 29 j 10:21	24°♐34'08	27°33'38
	-2128 Feb 03 j 09:24	0°♑	
	-2128 Feb 23 j 16:38	0°♒	
morning set	-2128 Mar 04 j 04:07	17°♒38'30	
max. Earth dist.	-2128 Mar 09 j 07:48	28°♒09'53	1.33371 AU
	-2128 Mar 10 j 04:44	0°♓	
superior conj	-2128 Mar 12 j 00:22	3°♓51'36	0°-43'-29
minimum elong	-2128 Mar 12 j 02:22	4°♓02'15	0°43'08
asc. node	-2128 Mar 16 j 06:37	13°♓00'06	
evening rise	-2128 Mar 19 j 05:17	19°♓15'34	
	-2128 Mar 24 j 12:52	0°♈	
evening max el	-2128 Apr 10 j 11:27	24°♈51'38	22°49'22
	-2128 Apr 17 j 16:14	0°♉	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

retrograde	-2128 Apr 23 j 17:05	1°♉22'54	
desc. node	-2128 Apr 26 j 09:56	1°♉06'51	
evening set	-2128 Apr 26 j 23:31	0°♉59'34	
	-2128 Apr 30 j 00:09	30°℞♈	
min. Earth dist.	-2128 May 04 j 20:50	27°♈31'24	0.55509 AU
inferior conj	-2128 May 06 j 06:01	26°♈43'40	-2°-37'-32
minimum elong	-2128 May 05 j 23:44	26°♈52'42	2°35'41
morning rise	-2128 May 15 j 02:35	22°♈48'09	
direct	-2128 May 17 j 18:38	22°♈31'23	
morning max el	-2128 May 28 j 20:42	27°♈41'07	20°44'21
	-2128 May 31 j 03:10	0°♉	
asc. node	-2128 Jun 12 j 06:00	18°♉39'10	
morning set	-2128 Jun 16 j 23:04	28°♉00'07	
	-2128 Jun 17 j 22:25	0°♊	
superior conj	-2128 Jun 24 j 13:58	13°♊44'35	1°39'05
minimum elong	-2128 Jun 24 j 11:51	13°♊33'46	1°38'59
max. Earth dist.	-2128 Jun 29 j 03:11	22°♊51'58	1.35876 AU
	-2128 Jul 02 j 20:21	0°♋	
evening rise	-2128 Jul 03 j 08:31	0°♋56'54	
	-2128 Jul 20 j 17:12	0°♌	
desc. node	-2128 Jul 23 j 09:14	3°♌53'33	
evening max el	-2128 Aug 07 j 23:17	23°♌02'35	26°19'49
	-2128 Aug 18 j 15:54	0°♍	
retrograde	-2128 Aug 20 j 16:13	0°♍13'51	
	-2128 Aug 22 j 14:40	30°℞♌	
evening set	-2128 Aug 27 j 02:27	27°♌32'58	
min. Earth dist.	-2128 Aug 31 j 06:06	23°♌08'15	0.66260 AU
inferior conj	-2128 Sep 01 j 17:37	21°♌18'54	-2°-7'-26
minimum elong	-2128 Sep 01 j 20:40	21°♌09'32	2°06'17
morning rise	-2128 Sep 07 j 15:46	15°♌27'37	
asc. node	-2128 Sep 08 j 05:10	15°♌10'06	
direct	-2128 Sep 10 j 16:36	14°♌35'03	
morning max el	-2128 Sep 17 j 12:17	18°♌23'54	18°49'02
	-2128 Sep 26 j 07:36	0°♍	
morning set	-2128 Oct 08 j 18:30	19°♍32'23	
	-2128 Oct 15 j 09:01	0°♎	
desc. node	-2128 Oct 19 j 08:42	6°♎17'10	
superior conj	-2128 Oct 24 j 23:59	15°♎09'37	0°-35'-46
minimum elong	-2128 Oct 24 j 19:21	14°♎51'21	0°35'12
max. Earth dist.	-2128 Oct 24 j 10:47	14°♎17'37	1.44887 AU
	-2128 Nov 03 j 09:07	0°♏	
evening rise	-2128 Nov 09 j 17:48	10°♏10'54	
	-2128 Nov 22 j 04:09	0°♐	
evening max el	-2128 Nov 30 j 21:36	11°♐41'19	18°51'01
asc. node	-2128 Dec 05 j 04:18	14°♐56'55	
retrograde	-2128 Dec 07 j 16:39	15°♐31'38	
evening set	-2128 Dec 10 j 19:04	14°♐36'34	
inferior conj	-2128 Dec 16 j 14:39	8°♐51'10	3°15'39
minimum elong	-2128 Dec 16 j 11:43	9°♐00'09	3°14'55
min. Earth dist.	-2128 Dec 18 j 06:40	6°♐48'29	0.65268 AU
morning rise	-2128 Dec 22 j 03:22	2°♐42'08	
	-2128 Dec 27 j 07:05	30°℞♏	
direct	-2128 Dec 28 j 18:08	29°♏52'11	
	-2128 Dec 30 j 06:12	0°♐	
morning max el	-2127 Jan 10 j 19:56	7°♐28'47	26°50'52
desc. node	-2127 Jan 15 j 07:59	12°♐23'08	
	-2127 Jan 28 j 08:42	0°♑	
	-2127 Feb 15 j 00:08	0°♒	
morning set	-2127 Feb 15 j 14:49	1°♒10'00	
max. Earth dist.	-2127 Feb 20 j 01:40	9°♒54'16	1.34460 AU
superior conj	-2127 Feb 24 j 02:18	18°♒08'57	-1°-8'-17
minimum elong	-2127 Feb 24 j 05:17	18°♒24'27	1°07'50
	-2127 Mar 01 j 17:45	0°♓	
asc. node	-2127 Mar 03 j 03:38	2°♓57'17	
evening rise	-2127 Mar 03 j 14:59	3°♓56'14	
	-2127 Mar 18 j 09:15	0°♈	
evening max el	-2127 Mar 23 j 09:32	5°♈44'15	21°19'03
retrograde	-2127 Apr 04 j 07:11	11°♈28'56	
evening set	-2127 Apr 06 j 17:48	11°♈15'15	
desc. node	-2127 Apr 13 j 07:01	8°♈46'40	
inferior conj	-2127 Apr 16 j 01:15	7°♈15'43	0°-46'-36
minimum elong	-2127 Apr 15 j 23:03	7°♈18'49	0°45'50
min. Earth dist.	-2127 Apr 16 j 10:11	7°♈03'08	0.55081 AU
morning rise	-2127 Apr 25 j 04:14	3°♈13'04	
direct	-2127 Apr 28 j 06:05	2°♈52'26	
morning max el	-2127 May 10 j 21:57	8°♈54'51	22°14'28
	-2127 May 25 j 20:39	0°♉	
asc. node	-2127 May 30 j 03:03	8°♉15'42	
morning set	-2127 Jun 01 j 09:02	12°♉52'31	
superior conj	-2127 Jun 08 j 16:03	28°♉17'19	1°25'22
minimum elong	-2127 Jun 08 j 13:28	28°♉03'44	1°25'06
	-2127 Jun 09 j 11:35	0°♊	
max. Earth dist.	-2127 Jun 11 j 20:17	4°♊54'25	1.34469 AU
evening rise	-2127 Jun 16 j 16:11	14°♊34'35	
	-2127 Jun 25 j 01:37	0°♋	
desc. node	-2127 Jul 10 j 06:15	23°♋23'29	
	-2127 Jul 15 j 11:04	0°♌	
evening max el	-2127 Jul 21 j 10:56	6°♌29'30	27°05'37
retrograde	-2127 Aug 03 j 17:28	13°♌49'20	
evening set	-2127 Aug 10 j 15:22	11°♌03'02	
min. Earth dist.	-2127 Aug 14 j 11:39	7°♌16'34	0.65141 AU
inferior conj	-2127 Aug 16 j 12:17	4°♌58'25	-2°-57'-48
minimum elong	-2127 Aug 16 j 16:16	4°♌47'07	2°56'32
	-2127 Aug 21 j 16:05	30°℞♋	
morning rise	-2127 Aug 22 j 18:33	29°♋21'32	
direct	-2127 Aug 25 j 12:38	28°♋40'33	
asc. node	-2127 Aug 26 j 02:15	28°♋42'18	
	-2127 Aug 29 j 10:14	0°♌	
morning max el	-2127 Sep 01 j 01:39	2°♌13'18	18°14'09
morning set	-2127 Sep 19 j 15:12	0°♍09'36	
	-2127 Sep 19 j 12:53	0°♍	
superior conj	-2127 Oct 04 j 02:12	23°♍38'05	0°13'51
minimum elong	-2127 Oct 04 j 03:56	23°♍44'58	0°13'37
behind sun begin	-2127 Oct 03 j 21:52	23°♍20'48	
behind sun end	-2127 Oct 04 j 10:01	24°♍09'07	
desc. node	-2127 Oct 06 j 05:42	27°♍02'16	
max. Earth dist.	-2127 Oct 07 j 05:35	28°♍36'37	1.44770 AU
	-2127 Oct 08 j 02:43	0°♎	
evening rise	-2127 Oct 20 j 16:50	19°♎41'20	
	-2127 Oct 27 j 08:16	0°♏	
greatest brilliancy	-2127 Nov 05 j 22:56	14°♏31'35	-0.7m
evening max el	-2127 Nov 14 j 05:10	25°♏08'20	19°37'59
retrograde	-2127 Nov 21 j 13:23	29°♏24'27	
asc. node	-2127 Nov 22 j 01:22	29°♏23'01	
evening set	-2127 Nov 24 j 23:10	28°♏16'29	
inferior conj	-2127 Nov 30 j 13:37	22°♏16'39	2°38'14
minimum elong	-2127 Nov 30 j 10:43	22°♏26'09	2°37'17
min. Earth dist.	-2127 Dec 01 j 15:53	20°♏50'49	0.66344 AU
morning rise	-2127 Dec 05 j 21:34	16°♏02'47	
direct	-2127 Dec 11 j 23:14	13°♏23'16	
morning max el	-2127 Dec 24 j 05:14	20°♏37'58	25°43'37
	-2126 Jan 01 j 08:01	0°♐	
desc. node	-2126 Jan 02 j 05:02	1°♐07'44	
	-2126 Jan 21 j 12:31	0°♑	
morning set	-2126 Jan 29 j 10:38	13°♑52'21	
max. Earth dist.	-2126 Feb 02 j 07:56	21°♑08'24	1.35996 AU
	-2126 Feb 06 j 20:51	0°♒	
superior conj	-2126 Feb 07 j 20:24	1°♒57'50	-1°-30'-27

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2126 Feb 07 j 23:52	2°♒15'15	1°30'05
evening rise	-2126 Feb 15 j 20:53	18°♒19'27	
asc. node	-2126 Feb 18 j 00:39	22°♒40'06	
	-2126 Feb 21 j 20:03	0°♓	
evening max el	-2126 Mar 05 j 17:49	17°♓09'30	20°02'43
retrograde	-2126 Mar 15 j 23:08	22°♓02'08	
evening set	-2126 Mar 18 j 04:09	21°♓49'27	
inferior conj	-2126 Mar 26 j 23:42	17°♓49'23	1°09'22
minimum elong	-2126 Mar 27 j 02:38	17°♓44'56	1°08'22
min. Earth dist.	-2126 Mar 29 j 00:14	16°♓36'01	0.55599 AU
desc. node	-2126 Mar 31 j 04:05	15°♓22'09	
morning rise	-2126 Apr 04 j 22:19	13°♓21'35	
direct	-2126 Apr 08 j 20:55	12°♓47'28	
morning max el	-2126 Apr 22 j 15:18	19°♓36'47	23°54'00
	-2126 May 01 j 08:10	0°♈	
morning set	-2126 May 16 j 20:49	27°♈51'57	
asc. node	-2126 May 17 j 00:04	28°♈08'56	
	-2126 May 17 j 21:06	0°♉	
superior conj	-2126 May 23 j 23:21	13°♉06'29	1°07'19
minimum elong	-2126 May 23 j 20:54	12°♉53'17	1°06'57
max. Earth dist.	-2126 May 25 j 22:39	17°♉19'48	1.33439 AU
evening rise	-2126 May 31 j 11:04	28°♉46'41	
	-2126 Jun 01 j 01:43	0°♊	
	-2126 Jun 18 j 05:16	0°♋	
desc. node	-2126 Jun 27 j 03:16	12°♋12'07	
evening max el	-2126 Jul 03 j 21:25	19°♋37'02	27°25'02
retrograde	-2126 Jul 17 j 13:04	26°♋59'08	
evening set	-2126 Jul 24 j 17:08	24°♋18'57	
min. Earth dist.	-2126 Jul 28 j 08:00	21°♋06'50	0.63644 AU
inferior conj	-2126 Jul 30 j 22:22	18°♋26'41	-3°-42'-3
minimum elong	-2126 Jul 31 j 02:34	18°♋15'51	3°41'03
morning rise	-2126 Aug 06 j 14:01	13°♋07'27	
direct	-2126 Aug 09 j 03:42	12°♋35'00	
asc. node	-2126 Aug 12 j 23:19	13°♋46'59	
morning max el	-2126 Aug 15 j 16:56	16°♋00'18	17°56'43
	-2126 Aug 25 j 14:05	0°♌	
morning set	-2126 Sep 01 j 13:36	12°♌00'09	
	-2126 Sep 12 j 02:54	0°♍	
superior conj	-2126 Sep 13 j 23:58	3°♍06'33	0°56'58
minimum elong	-2126 Sep 14 j 05:14	3°♍28'13	0°56'22
max. Earth dist.	-2126 Sep 19 j 22:03	12°♍43'19	1.43943 AU
desc. node	-2126 Sep 23 j 02:41	17°♍48'05	
evening rise	-2126 Sep 29 j 23:52	28°♍32'55	
	-2126 Sep 30 j 22:28	0°♎	
	-2126 Oct 21 j 06:08	0°♏	
greatest brilliancy	-2126 Oct 22 j 08:11	1°♏27'06	-0.5m
evening max el	-2126 Oct 28 j 07:19	8°♏35'05	20°39'26
retrograde	-2126 Nov 05 j 10:53	13°♏24'06	
asc. node	-2126 Nov 08 j 22:26	12°♏14'30	
evening set	-2126 Nov 09 j 06:07	12°♏01'01	
inferior conj	-2126 Nov 14 j 17:11	5°♏50'13	1°53'46
minimum elong	-2126 Nov 14 j 14:50	5°♏58'14	1°52'51
min. Earth dist.	-2126 Nov 15 j 07:21	5°♏02'04	0.67062 AU
	-2126 Nov 19 j 11:44	30°℞♎	
morning rise	-2126 Nov 19 j 23:05	29°♎33'55	
direct	-2126 Nov 25 j 09:42	27°♎12'20	
	-2126 Dec 02 j 04:55	0°♏	
morning max el	-2126 Dec 06 j 13:48	3°♏52'10	24°21'23
desc. node	-2126 Dec 20 j 02:03	20°♏32'09	
	-2126 Dec 26 j 15:07	0°♐	
morning set	-2125 Jan 11 j 09:45	25°♐28'59	
	-2125 Jan 13 j 23:18	0°♑	
max. Earth dist.	-2125 Jan 15 j 04:57	2°♑13'04	1.37903 AU
superior conj	-2125 Jan 22 j 03:14	15°♑08'28	-1°-47'-51
minimum elong	-2125 Jan 22 j 06:15	15°♑22'59	1°47'41
	-2125 Jan 29 j 16:46	0°♒	
evening rise	-2125 Jan 30 j 20:38	2°♒18'05	
asc. node	-2125 Feb 04 j 21:41	12°♒02'41	
evening max el	-2125 Feb 16 j 12:51	29°♒12'12	19°05'02
	-2125 Feb 17 j 09:50	0°♓	
retrograde	-2125 Feb 25 j 04:21	3°♓20'56	
evening set	-2125 Feb 27 j 11:37	3°♓04'33	
	-2125 Mar 05 j 21:14	30°℞♒	
inferior conj	-2125 Mar 07 j 13:47	28°♒51'04	2°40'12
minimum elong	-2125 Mar 07 j 18:30	28°♒42'52	2°38'58
min. Earth dist.	-2125 Mar 10 j 15:52	26°♒43'24	0.56942 AU
morning rise	-2125 Mar 15 j 21:21	23°♒51'32	
desc. node	-2125 Mar 18 j 01:08	23°♒10'39	
direct	-2125 Mar 21 j 00:22	22°♒49'39	
	-2125 Apr 04 j 01:52	0°♓	
morning max el	-2125 Apr 04 j 06:14	0°♓10'26	25°30'00
	-2125 Apr 24 j 22:12	0°♈	
morning set	-2125 May 01 j 08:49	12°♈52'49	
asc. node	-2125 May 03 j 21:05	18°♈13'42	
superior conj	-2125 May 08 j 09:47	28°♈05'08	0°46'03
minimum elong	-2125 May 08 j 07:54	27°♈54'52	0°45'42
	-2125 May 09 j 06:52	0°♉	
max. Earth dist.	-2125 May 09 j 07:57	0°♉05'53	1.32783 AU
evening rise	-2125 May 15 j 13:46	13°♉22'47	
	-2125 May 24 j 04:27	0°♊	
	-2125 Jun 13 j 23:25	0°♋	
desc. node	-2125 Jun 14 j 00:17	0°♋02'16	
evening max el	-2125 Jun 16 j 04:35	2°♋13'39	27°13'03
retrograde	-2125 Jun 30 j 02:15	9°♋34'13	
evening set	-2125 Jul 07 j 03:52	7°♋14'26	
min. Earth dist.	-2125 Jul 10 j 18:26	4°♋26'37	0.61815 AU
inferior conj	-2125 Jul 13 j 20:48	1°♋37'15	-4°-15'-35
minimum elong	-2125 Jul 14 j 00:02	1°♋29'50	4°15'07
	-2125 Jul 15 j 16:26	30°℞♊	
morning rise	-2125 Jul 20 j 22:56	26°♊38'20	
direct	-2125 Jul 23 j 10:27	26°♊11'55	
morning max el	-2125 Jul 30 j 07:19	29°♊38'38	17°57'39
asc. node	-2125 Jul 30 j 20:22	0°♋11'31	
	-2125 Jul 30 j 15:53	0°♋	
morning set	-2125 Aug 15 j 08:07	24°♋48'48	
	-2125 Aug 18 j 04:39	0°♌	
superior conj	-2125 Aug 26 j 01:18	13°♌56'57	1°26'58
minimum elong	-2125 Aug 26 j 06:02	14°♌17'26	1°26'34
max. Earth dist.	-2125 Sep 02 j 09:40	26°♌21'01	1.42527 AU
	-2125 Sep 04 j 15:19	0°♍	
evening rise	-2125 Sep 09 j 08:38	7°♍32'38	
desc. node	-2125 Sep 09 j 23:41	8°♍31'49	
	-2125 Sep 24 j 04:48	0°♎	
greatest brilliancy	-2125 Oct 06 j 07:52	16°♎33'10	-0.4m
evening max el	-2125 Oct 11 j 03:34	22°♎02'14	21°52'09
retrograde	-2125 Oct 20 j 07:07	27°♎28'32	
evening set	-2125 Oct 24 j 14:03	25°♎48'03	
asc. node	-2125 Oct 26 j 19:30	23°♎37'00	
inferior conj	-2125 Oct 29 j 23:19	19°♎30'01	1°04'22
minimum elong	-2125 Oct 29 j 21:53	19°♎35'00	1°03'45
min. Earth dist.	-2125 Oct 30 j 02:37	19°♎18'38	0.67452 AU
morning rise	-2125 Nov 04 j 05:27	13°♎13'57	
direct	-2125 Nov 09 j 00:48	11°♎13'55	
morning max el	-2125 Nov 18 j 23:42	17°♎09'31	22°54'10
greatest brilliancy	-2125 Nov 23 j 18:44	22°♎32'05	-0.3m
	-2125 Nov 29 j 13:43	0°♏	
desc. node	-2125 Dec 06 j 23:05	10°♏25'13	
	-2125 Dec 19 j 17:27	0°♐	
morning set	-2125 Dec 23 j 06:03	5°♐44'37	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

max. Earth dist.	-2125 Dec 28 j 00:20	13°♐45'29	1.39999 AU	
superior conj	-2124 Jan 04 j 18:25	27°♐29'41	-1°-57'-28	
minimum elong	-2124 Jan 04 j 19:30	27°♐34'38	1°57'31	
	-2124 Jan 06 j 03:08	0°♑		
evening rise	-2124 Jan 14 j 11:26	15°♑45'10		
	-2124 Jan 22 j 05:05	0°♒		
asc. node	-2124 Jan 22 j 18:44	0°♒57'58		
evening max el	-2124 Jan 30 j 16:35	11°♒46'48	18°27'18	
retrograde	-2124 Feb 07 j 04:03	15°♒27'06		
evening set	-2124 Feb 09 j 15:18	15°♒04'20		
inferior conj	-2124 Feb 17 j 00:28	10°♒30'36	3°34'27	
minimum elong	-2124 Feb 17 j 03:41	10°♒24'06	3°33'57	
min. Earth dist.	-2124 Feb 20 j 10:33	7°♒46'02	0.58820 AU	
morning rise	-2124 Feb 24 j 12:26	5°♒04'49		
direct	-2124 Mar 01 j 17:11	3°♒25'16		
desc. node	-2124 Mar 03 j 22:12	3°♒37'42		
morning max el	-2124 Mar 16 j 00:12	11°♒02'07	26°47'19	
	-2124 Mar 30 j 16:51	0°♓		
morning set	-2124 Apr 14 j 19:18	27°♓48'14		
	-2124 Apr 15 j 20:22	0°♈		
asc. node	-2124 Apr 19 j 18:06	8°♈24'35		
superior conj	-2124 Apr 21 j 21:29	13°♈05'50	0°22'24	
minimum elong	-2124 Apr 21 j 20:30	13°♈00'27	0°22'12	
max. Earth dist.	-2124 Apr 21 j 20:46	13°♈01'58	1.32485 AU	
evening rise	-2124 Apr 28 j 21:34	28°♈12'53		
	-2124 Apr 29 j 18:10	0°♉		
	-2124 May 16 j 15:48	0°♊		
evening max el	-2124 May 28 j 06:11	14°♊08'50	26°28'12	
desc. node	-2124 May 30 j 21:19	16°♊28'28		
retrograde	-2124 Jun 11 j 07:19	21°♊25'28		
evening set	-2124 Jun 17 j 19:03	19°♊39'05		
min. Earth dist.	-2124 Jun 21 j 19:26	17°♊00'02	0.59787 AU	
inferior conj	-2124 Jun 25 j 04:00	14°♊20'11	-4°-31'-12	
minimum elong	-2124 Jun 25 j 04:35	14°♊19'01	4°31'09	
morning rise	-2124 Jul 02 j 17:31	9°♊43'25		
direct	-2124 Jul 05 j 04:52	9°♊21'11		
morning max el	-2124 Jul 12 j 17:48	12°♊59'29	18°18'01	
asc. node	-2124 Jul 16 j 17:24	17°♊39'34		
	-2124 Jul 24 j 06:17	0°♋		
morning set	-2124 Jul 28 j 17:19	8°♋20'33		
superior conj	-2124 Aug 07 j 03:39	26°♋01'38	1°43'25	
minimum elong	-2124 Aug 07 j 06:05	26°♋12'40	1°43'19	
	-2124 Aug 09 j 08:23	0°♌		
max. Earth dist.	-2124 Aug 14 j 15:58	9°♌18'42	1.40705 AU	
evening rise	-2124 Aug 19 j 12:10	17°♌25'42		
desc. node	-2124 Aug 26 j 20:42	29°♌09'22		
	-2124 Aug 27 j 09:48	0°♍		
greatest brilliancy	-2124 Sep 17 j 00:57	29°♍03'04	-0.2m	
	-2124 Sep 17 j 19:42	0°♎		
evening max el	-2124 Sep 22 j 18:41	5°♎30'53	23°11'35	
retrograde	-2124 Oct 03 j 00:43	11°♎34'57		
evening set	-2124 Oct 07 j 21:15	9°♎35'34		
asc. node	-2124 Oct 12 j 16:33	4°♎00'43		
inferior conj	-2124 Oct 13 j 06:12	3°♎13'53	0°11'45	
minimum elong	-2124 Oct 13 j 05:55	3°♎14'51	0°11'38	
transit middle	-2124 Oct 13 j 05:55	3°♎14'51	0°11'38	
transit begin	-2124 Oct 13 j 04:01	3°♎21'23		
transit end	-2124 Oct 13 j 07:49	3°♎08'20		
min. Earth dist.	-2124 Oct 12 j 23:10	3°♎38'04	0.67525 AU	
	-2124 Oct 15 j 16:45	30°℞♍		
morning rise	-2124 Oct 18 j 14:35	27°♍01'02		
direct	-2124 Oct 22 j 19:35	25°♍23'03		
	-2124 Oct 31 j 00:56	0°♎		
morning max el	-2124 Oct 31 j 14:27	0°♎33'38	21°30'41	
greatest brilliancy	-2124 Nov 05 j 17:08	6°♎25'48	-0.4m	
	-2124 Nov 22 j 09:50	0°♏		
desc. node	-2124 Nov 22 j 20:08	0°♏38'50		
morning set	-2124 Dec 01 j 21:47	14°♏39'15		
max. Earth dist.	-2124 Dec 09 j 01:42	26°♏12'59	1.41993 AU	
	-2124 Dec 11 j 08:22	0°♐		
superior conj	-2124 Dec 16 j 12:31	8°♐48'16	-1°-55'-28	
minimum elong	-2124 Dec 16 j 09:56	8°♐37'05	1°55'27	
evening rise	-2124 Dec 27 j 13:51	28°♐33'35		
	-2124 Dec 28 j 08:48	0°♑		
asc. node	-2123 Jan 08 j 15:47	19°♑17'27		
evening max el	-2123 Jan 13 j 02:03	24°♑44'53	18°09'27	
retrograde	-2123 Jan 19 j 21:03	28°♑12'33		
evening set	-2123 Jan 22 j 11:49	27°♑42'12		
inferior conj	-2123 Jan 29 j 06:48	22°♑46'18	3°55'58	
minimum elong	-2123 Jan 29 j 07:28	22°♑44'46	3°55'55	
min. Earth dist.	-2123 Feb 01 j 11:11	19°♑48'55	0.60878 AU	
morning rise	-2123 Feb 05 j 00:25	17°♑02'05		
direct	-2123 Feb 11 j 20:46	14°♑46'31		
desc. node	-2123 Feb 18 j 19:17	16°♑50'36		
morning max el	-2123 Feb 26 j 00:23	22°♑31'08	27°33'51	
	-2123 Mar 04 j 15:49	0°♒		
	-2123 Mar 23 j 17:41	0°♓		
morning set	-2123 Mar 30 j 02:28	12°♓31'48		
max. Earth dist.	-2123 Apr 05 j 09:26	25°♓55'13	1.32538 AU	
superior conj	-2123 Apr 06 j 08:48	28°♓02'44	0°-2'-47	
minimum elong	-2123 Apr 06 j 08:55	28°♓03'26	0°02'47	
behind sun begin	-2123 Apr 06 j 03:56	27°♓36'12		
behind sun end	-2123 Apr 06 j 13:55	28°♓30'40		
asc. node	-2123 Apr 06 j 15:09	28°♓37'28		
	-2123 Apr 07 j 06:15	0°♈		
evening rise	-2123 Apr 13 j 08:20	13°♈09'22		
	-2123 Apr 21 j 21:56	0°♉		
evening max el	-2123 May 10 j 01:17	25°♉21'08	25°14'45	
	-2123 May 15 j 23:28	0°♊		
desc. node	-2123 May 17 j 18:21	0°♊57'49		
retrograde	-2123 May 24 j 02:11	2°♊30'20		
evening set	-2123 May 29 j 11:51	1°♊22'35		
	-2123 Jun 01 j 06:37	30°℞♉		
min. Earth dist.	-2123 Jun 03 j 13:14	28°♉35'10	0.57795 AU	
inferior conj	-2123 Jun 06 j 16:31	26°♉26'02	-4°-18'-37	
minimum elong	-2123 Jun 06 j 13:05	26°♉31'58	4°18'14	
morning rise	-2123 Jun 14 j 18:15	22°♉11'04		
direct	-2123 Jun 17 j 06:34	21°♉52'00		
morning max el	-2123 Jun 25 j 21:30	25°♉54'16	18°58'46	
	-2123 Jun 29 j 13:11	0°♊		
asc. node	-2123 Jul 03 j 14:28	5°♊57'15		
morning set	-2123 Jul 12 j 13:03	22°♊24'42		
	-2123 Jul 16 j 09:22	0°♋		
superior conj	-2123 Jul 21 j 01:28	9°♋05'35	1°48'24	
minimum elong	-2123 Jul 21 j 01:35	9°♋06'05	1°48'27	
max. Earth dist.	-2123 Jul 27 j 18:46	21°♋35'16	1.38722 AU	
evening rise	-2123 Jul 31 j 17:12	28°♋31'36		
	-2123 Aug 01 j 13:45	0°♌		
desc. node	-2123 Aug 13 j 17:43	19°♌36'22		
	-2123 Aug 20 j 20:30	0°♍		
evening max el	-2123 Sep 05 j 06:33	19°♍01'51	24°31'26	
retrograde	-2123 Sep 16 j 14:34	25°♍39'37		
evening set	-2123 Sep 22 j 01:59	23°♍21'20		
min. Earth dist.	-2123 Sep 26 j 18:33	17°♍58'14	0.67289 AU	
inferior conj	-2123 Sep 27 j 12:03	16°♍59'41	0°-42'-32	
minimum elong	-2123 Sep 27 j 13:05	16°♍56'15	0°42'06	
asc. node	-2123 Sep 29 j 13:38	14°♍18'43		
morning rise	-2123 Oct 03 j 00:30	10°♍52'55		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

direct	-2123 Oct 06 j 16:47	9°♍35'13	
morning max el	-2123 Oct 14 j 12:24	14°♍07'02	20°16'57
greatest brilliancy	-2123 Oct 21 j 06:27	22°♍17'52	-0.6m
	-2123 Oct 26 j 17:26	0°♎	
desc. node	-2123 Nov 09 j 17:10	21°♎06'23	
morning set	-2123 Nov 10 j 19:55	22°♎49'47	
	-2123 Nov 15 j 10:21	0°♏	
max. Earth dist.	-2123 Nov 21 j 10:50	9°♏32'58	1.43600 AU
superior conj	-2123 Nov 27 j 04:20	18°♏51'26	-1°-37'-44
minimum elong	-2123 Nov 26 j 21:41	18°♏24'05	1°37'14
	-2123 Dec 03 j 20:11	0°♐	
evening rise	-2123 Dec 09 j 23:37	10°♐34'04	
	-2123 Dec 21 j 12:05	0°♑	
asc. node	-2123 Dec 26 j 12:51	6°♑49'32	
evening max el	-2123 Dec 27 j 14:16	7°♑57'33	18°11'03
retrograde	-2122 Jan 03 j 02:56	11°♑25'53	
evening set	-2122 Jan 05 j 21:17	10°♑47'07	
inferior conj	-2122 Jan 12 j 05:08	5°♑30'07	3°53'04
minimum elong	-2122 Jan 12 j 03:42	5°♑33'56	3°52'55
min. Earth dist.	-2122 Jan 14 j 20:42	2°♑42'23	0.62821 AU
	-2122 Jan 17 j 18:39	30°℞♐	
morning rise	-2122 Jan 18 j 08:16	29°♐33'14	
direct	-2122 Jan 25 j 09:01	26°♐52'38	
	-2122 Feb 02 j 17:54	0°♑	
desc. node	-2122 Feb 05 j 16:22	2°♑17'07	
morning max el	-2122 Feb 08 j 06:20	4°♑40'36	27°44'02
	-2122 Feb 27 j 07:50	0°♒	
morning set	-2122 Mar 14 j 04:04	26°♒55'13	
	-2122 Mar 15 j 16:25	0°♓	
max. Earth dist.	-2122 Mar 19 j 17:48	8°♓30'26	1.32956 AU
superior conj	-2122 Mar 21 j 18:01	12°♓49'18	0°-28'-40
minimum elong	-2122 Mar 21 j 19:21	12°♓56'27	0°28'25
asc. node	-2122 Mar 24 j 12:12	18°♓47'34	
evening rise	-2122 Mar 28 j 20:05	28°♓04'35	
	-2122 Mar 29 j 18:07	0°♈	
	-2122 Apr 16 j 06:22	0°♉	
evening max el	-2122 Apr 21 j 16:29	6°♉04'02	23°43'46
desc. node	-2122 May 04 j 15:23	12°♉53'55	
retrograde	-2122 May 05 j 09:12	12°♉55'10	
evening set	-2122 May 09 j 09:28	12°♉19'39	
min. Earth dist.	-2122 May 16 j 03:26	9°♉09'39	0.56153 AU
inferior conj	-2122 May 18 j 08:52	7°♉48'50	-3°-26'-51
minimum elong	-2122 May 18 j 02:27	7°♉58'35	3°25'20
morning rise	-2122 May 26 j 23:08	3°♉50'08	
direct	-2122 May 29 j 12:58	3°♉33'19	
morning max el	-2122 Jun 08 j 15:53	8°♉14'22	20°00'15
asc. node	-2122 Jun 20 j 11:32	24°♉53'00	
	-2122 Jun 23 j 04:54	0°♊	
morning set	-2122 Jun 26 j 16:12	6°♊53'15	
superior conj	-2122 Jul 04 j 13:28	22°♊54'00	1°44'30
minimum elong	-2122 Jul 04 j 11:56	22°♊46'20	1°44'29
	-2122 Jul 08 j 03:57	0°♋	
max. Earth dist.	-2122 Jul 09 j 22:47	3°♋25'25	1.36831 AU
evening rise	-2122 Jul 13 j 21:53	10°♋47'26	
	-2122 Jul 25 j 04:55	0°♌	
desc. node	-2122 Jul 31 j 14:42	9°♌47'33	
	-2122 Aug 16 j 05:13	0°♍	
evening max el	-2122 Aug 18 j 17:30	2°♍35'23	25°44'15
retrograde	-2122 Aug 31 j 00:05	9°♍38'14	
evening set	-2122 Sep 06 j 02:22	7°♍03'49	
min. Earth dist.	-2122 Sep 10 j 10:27	2°♍17'24	0.66729 AU
inferior conj	-2122 Sep 11 j 15:09	0°♍45'46	-1°-36'-51
minimum elong	-2122 Sep 11 j 17:29	0°♍38'16	1°35'55
	-2122 Sep 12 j 05:32	30°℞♌	
asc. node	-2122 Sep 16 j 10:42	25°♌28'06	
morning rise	-2122 Sep 17 j 09:19	24°♌48'05	
direct	-2122 Sep 20 j 15:02	23°♌47'31	
morning max el	-2122 Sep 27 j 17:42	27°♌49'38	19°16'44
	-2122 Sep 29 j 17:04	0°♍	
greatest brilliancy	-2122 Oct 08 j 08:46	11°♍54'26	-0.7m
	-2122 Oct 20 j 02:12	0°♎	
morning set	-2122 Oct 21 j 00:01	1°♎25'10	
desc. node	-2122 Oct 27 j 14:12	11°♎43'39	
max. Earth dist.	-2122 Nov 04 j 01:44	23°♎29'08	1.44613 AU
superior conj	-2122 Nov 06 j 18:01	27°♎43'43	-1°-2'-26
minimum elong	-2122 Nov 06 j 10:53	27°♎15'25	1°01'39
	-2122 Nov 08 j 04:17	0°♏	
evening rise	-2122 Nov 21 j 12:17	21°♏38'26	
	-2122 Nov 26 j 13:36	0°♐	
evening max el	-2122 Dec 11 j 02:33	21°♐19'07	18°31'19
asc. node	-2122 Dec 13 j 09:54	23°♐21'07	
retrograde	-2122 Dec 17 j 17:17	24°♐58'57	
evening set	-2122 Dec 20 j 16:13	24°♐10'29	
inferior conj	-2122 Dec 26 j 15:38	18°♐34'44	3°32'58
minimum elong	-2122 Dec 26 j 13:00	18°♐42'26	3°32'26
min. Earth dist.	-2122 Dec 28 j 16:15	16°♐12'34	0.64477 AU
morning rise	-2121 Jan 01 j 08:30	12°♐29'07	
direct	-2121 Jan 08 j 04:45	9°♐38'15	
morning max el	-2121 Jan 21 j 15:29	17°♐22'44	27°18'57
desc. node	-2121 Jan 23 j 13:27	19°♐21'52	
	-2121 Feb 01 j 05:53	0°♑	
	-2121 Feb 20 j 03:25	0°♒	
morning set	-2121 Feb 25 j 21:18	10°♒49'22	
max. Earth dist.	-2121 Mar 02 j 17:53	20°♒35'13	1.33781 AU
superior conj	-2121 Mar 05 j 23:16	27°♒19'28	0°-54'-14
minimum elong	-2121 Mar 06 j 01:43	27°♒32'25	0°53'48
	-2121 Mar 07 j 05:33	0°♓	
asc. node	-2121 Mar 11 j 09:15	8°♓50'49	
evening rise	-2121 Mar 13 j 07:05	12°♓52'22	
	-2121 Mar 22 j 02:57	0°♈	
evening max el	-2121 Apr 03 j 10:15	16°♈45'35	22°09'36
retrograde	-2121 Apr 16 j 04:24	22°♈59'18	
evening set	-2121 Apr 19 j 00:12	22°♈41'39	
desc. node	-2121 Apr 21 j 12:28	21°♈58'33	
min. Earth dist.	-2121 Apr 27 j 17:02	18°♈56'40	0.55208 AU
inferior conj	-2121 Apr 28 j 08:55	18°♈34'14	-1°-53'-17
minimum elong	-2121 Apr 28 j 03:54	18°♈41'20	1°51'37
morning rise	-2121 May 07 j 09:13	14°♈37'59	
direct	-2121 May 10 j 04:00	14°♈20'32	
morning max el	-2121 May 21 j 23:24	19°♈52'58	21°21'01
	-2121 May 30 j 05:03	0°♉	
asc. node	-2121 Jun 07 j 08:35	14°♉16'56	
morning set	-2121 Jun 11 j 00:14	21°♉38'39	
	-2121 Jun 15 j 00:18	0°♊	
superior conj	-2121 Jun 18 j 11:21	7°♊13'40	1°33'52
minimum elong	-2121 Jun 18 j 08:57	7°♊01'15	1°33'42
max. Earth dist.	-2121 Jun 22 j 09:57	15°♊16'09	1.35224 AU
evening rise	-2121 Jun 26 j 21:10	23°♊59'40	
	-2121 Jun 30 j 02:34	0°♋	
desc. node	-2121 Jul 18 j 11:42	29°♋35'15	
	-2121 Jul 18 j 18:48	0°♌	
evening max el	-2121 Aug 01 j 04:55	16°♌07'00	26°42'11
retrograde	-2121 Aug 14 j 04:38	23°♌23'52	
evening set	-2121 Aug 20 j 20:12	20°♌39'23	
min. Earth dist.	-2121 Aug 24 j 20:30	16°♌31'04	0.65822 AU
inferior conj	-2121 Aug 26 j 13:30	14°♌28'39	-2°-29'-22
minimum elong	-2121 Aug 26 j 17:00	14°♌18'13	2°28'08
morning rise	-2121 Sep 01 j 14:57	8°♌43'06	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2121 Sep 03 j 07:47	8°♌04'04	
direct	-2121 Sep 04 j 12:29	7°♌56'02	
morning max el	-2121 Sep 11 j 04:43	11°♌37'23	18°32'07
	-2121 Sep 24 j 05:05	0°♍	
morning set	-2121 Oct 01 j 04:17	11°♍13'43	
	-2121 Oct 12 j 22:07	0°♎	
desc. node	-2121 Oct 14 j 11:11	2°♎26'26	
superior conj	-2121 Oct 16 j 17:57	6°♎02'23	0°-14'-40
minimum elong	-2121 Oct 16 j 16:00	5°♎54'43	0°14'26
behind sun begin	-2121 Oct 16 j 10:40	5°♎33'44	
behind sun end	-2121 Oct 16 j 21:20	6°♎15'42	
max. Earth dist.	-2121 Oct 17 j 19:28	7°♎42'50	1.44921 AU
	-2121 Oct 31 j 23:07	0°♏	
evening rise	-2121 Nov 02 j 00:33	1°♏40'35	
	-2121 Nov 20 j 13:02	0°♐	
evening max el	-2121 Nov 24 j 12:27	4°♐44'55	19°09'09
asc. node	-2121 Nov 30 j 06:57	8°♐36'53	
retrograde	-2121 Dec 01 j 12:26	8°♐45'22	
evening set	-2121 Dec 04 j 17:40	7°♐45'15	
inferior conj	-2121 Dec 10 j 10:51	1°♐53'34	3°00'49
minimum elong	-2121 Dec 10 j 07:52	2°♐03'02	2°59'58
	-2121 Dec 11 j 22:50	30°℞♏	
min. Earth dist.	-2121 Dec 11 j 20:56	0°♐05'53	0.65768 AU
morning rise	-2121 Dec 15 j 21:09	25°♏42'04	
direct	-2121 Dec 22 j 06:49	22°♏55'01	
	-2120 Jan 03 j 15:07	0°♐	
morning max el	-2120 Jan 04 j 01:02	0°♐24'37	26°24'41
desc. node	-2120 Jan 10 j 10:31	7°♐36'06	
	-2120 Jan 26 j 05:00	0°♑	
morning set	-2120 Feb 09 j 02:21	24°♑02'27	
	-2120 Feb 12 j 05:08	0°♒	
max. Earth dist.	-2120 Feb 13 j 06:33	2°♒04'20	1.35054 AU
superior conj	-2120 Feb 17 j 22:17	11°♒26'25	-1°-18'-7
minimum elong	-2120 Feb 18 j 01:33	11°♒43'11	1°17'40
evening rise	-2120 Feb 25 j 15:26	27°♒26'43	
asc. node	-2120 Feb 26 j 06:16	28°♒42'51	
	-2120 Feb 26 j 21:23	0°♓	
evening max el	-2120 Mar 15 j 12:38	27°♓52'14	20°44'34
	-2120 Mar 18 j 00:39	0°♈	
retrograde	-2120 Mar 26 j 17:37	3°♈14'06	
evening set	-2120 Mar 29 j 00:13	3°♈01'44	
	-2120 Apr 05 j 12:44	30°℞♓	
inferior conj	-2120 Apr 07 j 03:53	29°♓04'25	0°03'59
minimum elong	-2120 Apr 07 j 04:04	29°♓04'09	0°03'55
transit middle	-2120 Apr 07 j 04:04	29°♓04'09	0°03'55
transit begin	-2120 Apr 07 j 00:07	29°♓09'49	
transit end	-2120 Apr 07 j 08:01	28°♓58'29	
desc. node	-2120 Apr 07 j 09:32	28°♓56'18	
min. Earth dist.	-2120 Apr 08 j 07:01	28°♓25'29	0.55188 AU
morning rise	-2120 Apr 16 j 06:27	24°♓52'26	
direct	-2120 Apr 19 j 15:50	24°♓27'26	
	-2120 May 01 j 22:02	0°♈	
morning max el	-2120 May 02 j 20:49	0°♈51'56	22°56'10
	-2120 May 22 j 05:56	0°♉	
asc. node	-2120 May 24 j 05:38	4°♉01'40	
morning set	-2120 May 25 j 11:13	6°♉35'05	
superior conj	-2120 Jun 01 j 15:58	21°♉54'48	1°18'10
minimum elong	-2120 Jun 01 j 13:23	21°♉41'01	1°17'51
max. Earth dist.	-2120 Jun 04 j 07:09	27°♉28'17	1.33989 AU
	-2120 Jun 05 j 12:21	0°♊	
evening rise	-2120 Jun 09 j 10:10	7°♊54'16	
	-2120 Jun 21 j 15:01	0°♋	
desc. node	-2120 Jul 04 j 08:41	18°♋49'24	
evening max el	-2120 Jul 13 j 16:28	29°♋27'48	27°17'29
	-2120 Jul 14 j 06:05	0°♌	
retrograde	-2120 Jul 27 j 03:36	6°♌49'05	
evening set	-2120 Aug 03 j 04:47	4°♌04'07	
min. Earth dist.	-2120 Aug 06 j 22:30	0°♌32'41	0.64549 AU
	-2120 Aug 07 j 10:39	30°℞♋	
inferior conj	-2120 Aug 09 j 04:52	28°♋04'14	-3°-17'-36
minimum elong	-2120 Aug 09 j 09:03	27°♋52'47	3°16'23
morning rise	-2120 Aug 15 j 14:57	22°♋34'09	
direct	-2120 Aug 18 j 06:51	21°♋57'08	
asc. node	-2120 Aug 20 j 04:51	22°♋16'22	
morning max el	-2120 Aug 24 j 19:09	25°♋25'55	18°04'26
	-2120 Aug 28 j 14:34	0°♌	
morning set	-2120 Sep 11 j 12:31	22°♌23'36	
	-2120 Sep 16 j 01:14	0°♍	
superior conj	-2120 Sep 25 j 02:27	14°♍50'15	0°33'31
minimum elong	-2120 Sep 25 j 06:15	15°♍05'32	0°33'02
max. Earth dist.	-2120 Sep 29 j 13:22	21°♍57'27	1.44502 AU
desc. node	-2120 Sep 30 j 08:08	23°♍11'47	
	-2120 Oct 04 j 15:54	0°♎	
evening rise	-2120 Oct 11 j 15:01	10°♎49'27	
	-2120 Oct 24 j 04:31	0°♏	
greatest brilliancy	-2120 Oct 30 j 15:59	9°♏24'11	-0.6m
evening max el	-2120 Nov 06 j 17:55	18°♏11'52	20°02'40
retrograde	-2120 Nov 14 j 09:36	22°♏40'52	
asc. node	-2120 Nov 16 j 04:00	22°♏22'52	
evening set	-2120 Nov 17 j 23:11	21°♏26'45	
inferior conj	-2120 Nov 23 j 12:01	15°♏22'06	2°20'04
minimum elong	-2120 Nov 23 j 09:17	15°♏31'10	2°19'07
min. Earth dist.	-2120 Nov 24 j 09:00	14°♏12'13	0.66691 AU
morning rise	-2120 Nov 28 j 18:47	9°♏07'06	
direct	-2120 Dec 04 j 14:20	6°♏34'18	
morning max el	-2120 Dec 16 j 09:38	13°♏35'11	25°09'53
desc. node	-2120 Dec 27 j 07:32	26°♏38'54	
	-2120 Dec 29 j 18:20	0°♐	
	-2119 Jan 18 j 00:02	0°♑	
morning set	-2119 Jan 21 j 14:06	6°♑18'29	
max. Earth dist.	-2119 Jan 25 j 08:02	13°♑09'31	1.36766 AU
superior conj	-2119 Jan 31 j 12:05	25°♑00'24	-1°-38'-34
minimum elong	-2119 Jan 31 j 15:30	25°♑17'18	1°38'17
	-2119 Feb 03 j 00:17	0°♒	
evening rise	-2119 Feb 08 j 19:01	11°♒40'12	
asc. node	-2119 Feb 12 j 03:18	18°♒17'47	
	-2119 Feb 18 j 16:06	0°♓	
evening max el	-2119 Feb 26 j 01:44	9°♓34'00	19°35'51
retrograde	-2119 Mar 07 j 13:43	14°♓05'55	
evening set	-2119 Mar 09 j 19:27	13°♓51'56	
inferior conj	-2119 Mar 18 j 07:52	9°♓47'26	1°52'04
minimum elong	-2119 Mar 18 j 12:04	9°♓40'44	1°50'45
min. Earth dist.	-2119 Mar 20 j 21:25	8°♓09'45	0.56089 AU
desc. node	-2119 Mar 25 j 06:37	5°♓47'15	
morning rise	-2119 Mar 27 j 01:11	5°♓06'30	
direct	-2119 Mar 31 j 11:45	4°♓22'12	
morning max el	-2119 Apr 14 j 12:11	11°♓26'17	24°36'01
	-2119 Apr 28 j 14:11	0°♈	
morning set	-2119 May 09 j 23:19	21°♈35'48	
asc. node	-2119 May 11 j 02:39	24°♈00'19	
	-2119 May 13 j 21:35	0°♉	
superior conj	-2119 May 17 j 00:51	6°♉48'36	0°58'39
minimum elong	-2119 May 16 j 22:36	6°♉36'22	0°58'16
max. Earth dist.	-2119 May 18 j 13:04	10°♉04'17	1.33127 AU
evening rise	-2119 May 24 j 08:48	22°♉17'53	
	-2119 May 28 j 06:14	0°♊	
	-2119 Jun 15 j 12:00	0°♋	
desc. node	-2119 Jun 21 j 05:44	7°♋15'31	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening max el	-2119 Jun 26 j 02:05	12°♋24'15	27°23'54
retrograde	-2119 Jul 09 j 20:19	19°♋44'56	
evening set	-2119 Jul 17 j 00:38	17°♋11'57	
min. Earth dist.	-2119 Jul 20 j 14:40	14°♋11'38	0.62908 AU
inferior conj	-2119 Jul 23 j 10:25	11°♋26'01	-3°-57'-58
minimum elong	-2119 Jul 23 j 14:24	11°♋16'15	3°57'09
morning rise	-2119 Jul 30 j 06:24	6°♋14'52	
direct	-2119 Aug 01 j 19:01	5°♋45'06	
asc. node	-2119 Aug 07 j 01:54	7°♋56'41	
morning max el	-2119 Aug 08 j 10:21	9°♋09'40	17°54'46
	-2119 Aug 22 j 04:41	0°♌	
morning set	-2119 Aug 24 j 20:15	4°♌41'09	
superior conj	-2119 Sep 05 j 11:46	24°♌52'50	1°11'27
minimum elong	-2119 Sep 05 j 17:11	25°♌15'36	1°10'53
	-2119 Sep 08 j 13:31	0°♍	
max. Earth dist.	-2119 Sep 12 j 04:38	5°♍55'54	1.43408 AU
desc. node	-2119 Sep 17 j 05:08	13°♍56'59	
evening rise	-2119 Sep 20 j 20:27	19°♍38'34	
	-2119 Sep 27 j 14:48	0°♎	
greatest brilliancy	-2119 Oct 15 j 09:27	25°♎24'45	-0.5m
	-2119 Oct 19 j 04:45	0°♏	
evening max el	-2119 Oct 20 j 17:38	1°♏38'57	21°09'17
retrograde	-2119 Oct 29 j 06:42	6°♏43'01	
evening set	-2119 Nov 02 j 06:47	5°♏12'34	
asc. node	-2119 Nov 03 j 01:03	4°♏34'39	
	-2119 Nov 06 j 22:49	30°℞♎	
inferior conj	-2119 Nov 07 j 16:54	28°♎58'15	1°33'17
minimum elong	-2119 Nov 07 j 14:53	29°♎05'09	1°32'29
min. Earth dist.	-2119 Nov 08 j 02:15	28°♎26'10	0.67266 AU
morning rise	-2119 Nov 12 j 22:39	22°♎42'01	
direct	-2119 Nov 18 j 02:44	20°♎29'31	
morning max el	-2119 Nov 28 j 18:25	26°♎50'32	23°44'27
	-2119 Dec 01 j 16:48	0°♏	
desc. node	-2119 Dec 14 j 04:33	16°♏16'29	
	-2119 Dec 23 j 09:51	0°♐	
morning set	-2118 Jan 03 j 02:26	17°♐21'37	
max. Earth dist.	-2118 Jan 07 j 03:51	24°♐23'40	1.38789 AU
	-2118 Jan 10 j 06:58	0°♑	
superior conj	-2118 Jan 14 j 12:51	7°♑51'21	-1°-53'-5
minimum elong	-2118 Jan 14 j 15:16	8°♑02'42	1°53'02
evening rise	-2118 Jan 23 j 15:21	25°♑26'17	
	-2118 Jan 25 j 23:54	0°♒	
asc. node	-2118 Jan 30 j 00:20	7°♒29'32	
evening max el	-2118 Feb 09 j 00:43	21°♒50'28	18°46'30
retrograde	-2118 Feb 17 j 02:53	25°♒45'24	
evening set	-2118 Feb 19 j 11:53	25°♒26'27	
inferior conj	-2118 Feb 27 j 06:30	21°♒04'24	3°07'38
minimum elong	-2118 Feb 27 j 10:51	20°♒56'20	3°06'42
min. Earth dist.	-2118 Mar 02 j 13:46	18°♒38'42	0.57697 AU
morning rise	-2118 Mar 07 j 05:56	15°♒52'48	
desc. node	-2118 Mar 12 j 03:41	14°♒37'07	
direct	-2118 Mar 12 j 20:37	14°♒35'53	
morning max el	-2118 Mar 27 j 03:53	22°♒04'15	26°06'02
	-2118 Apr 03 j 03:22	0°♓	
	-2118 Apr 21 j 05:51	0°♈	
morning set	-2118 Apr 24 j 10:54	6°♈35'03	
asc. node	-2118 Apr 27 j 23:42	14°♈08'01	
superior conj	-2118 May 01 j 12:02	21°♈48'28	0°36'16
minimum elong	-2118 May 01 j 10:30	21°♈40'05	0°35'57
max. Earth dist.	-2118 May 02 j 00:30	22°♈56'41	1.32620 AU
	-2118 May 05 j 06:27	0°♉	
evening rise	-2118 May 08 j 13:58	7°♉00'33	
	-2118 May 20 j 19:07	0°♊	
desc. node	-2118 Jun 08 j 02:48	24°♊33'12	
evening max el	-2118 Jun 08 j 07:01	24°♊43'20	26°57'41
	-2118 Jun 15 j 04:50	0°♋	
retrograde	-2118 Jun 22 j 06:03	2°♋02'12	
evening set	-2118 Jun 29 j 03:33	29°♊55'02	
	-2118 Jun 29 j 00:14	30°℞♊	
min. Earth dist.	-2118 Jul 02 j 20:39	27°♊13'23	0.60973 AU
inferior conj	-2118 Jul 06 j 02:48	24°♊25'29	-4°-24'-56
minimum elong	-2118 Jul 06 j 05:08	24°♊20'27	4°24'42
morning rise	-2118 Jul 13 j 09:43	19°♊36'05	
direct	-2118 Jul 15 j 21:04	19°♊11'33	
morning max el	-2118 Jul 22 j 23:28	22°♊41'23	18°03'55
asc. node	-2118 Jul 24 j 22:58	24°♊49'47	
	-2118 Jul 28 j 17:25	0°♋	
morning set	-2118 Aug 07 j 21:35	17°♋49'19	
	-2118 Aug 14 j 12:21	0°♌	
superior conj	-2118 Aug 18 j 00:24	6°♌16'36	1°35'31
minimum elong	-2118 Aug 18 j 04:14	6°♌33'34	1°35'15
max. Earth dist.	-2118 Aug 25 j 14:16	19°♌18'30	1.41785 AU
evening rise	-2118 Aug 31 j 11:35	28°♌56'01	
	-2118 Sep 01 j 03:36	0°♍	
desc. node	-2118 Sep 04 j 02:08	4°♍38'15	
	-2118 Sep 21 j 06:24	0°♎	
greatest brilliancy	-2118 Sep 28 j 17:18	9°♎45'01	-0.3m
evening max el	-2118 Oct 03 j 11:22	15°♎05'37	22°25'26
retrograde	-2118 Oct 13 j 02:03	20°♎48'31	
evening set	-2118 Oct 17 j 14:37	18°♎59'52	
asc. node	-2118 Oct 20 j 22:07	15°♎26'31	
inferior conj	-2118 Oct 22 j 23:32	12°♎39'35	0°42'19
minimum elong	-2118 Oct 22 j 22:34	12°♎42'57	0°41'54
min. Earth dist.	-2118 Oct 22 j 22:19	12°♎43'49	0.67518 AU
morning rise	-2118 Oct 28 j 06:25	6°♎24'37	
direct	-2118 Nov 01 j 19:22	4°♎34'19	
morning max el	-2118 Nov 11 j 06:09	10°♎10'35	22°17'49
greatest brilliancy	-2118 Nov 15 j 22:37	15°♎27'23	-0.3m
	-2118 Nov 26 j 17:53	0°♏	
desc. node	-2118 Dec 01 j 01:35	6°♏18'35	
morning set	-2118 Dec 14 j 10:14	27°♏00'39	
	-2118 Dec 16 j 06:17	0°♐	
max. Earth dist.	-2118 Dec 20 j 01:14	6°♐17'42	1.40875 AU
superior conj	-2118 Dec 27 j 19:40	19°♐46'25	-1°-58'-18
minimum elong	-2118 Dec 27 j 19:23	19°♐45'09	1°58'22
	-2117 Jan 02 j 10:26	0°♑	
evening rise	-2117 Jan 07 j 01:19	8°♑37'19	
asc. node	-2117 Jan 16 j 21:23	26°♑10'17	
	-2117 Jan 19 j 10:54	0°♒	
evening max el	-2117 Jan 23 j 07:08	4°♒34'58	18°17'18
retrograde	-2117 Jan 30 j 10:30	8°♒08'30	
evening set	-2117 Feb 01 j 23:07	7°♒42'46	
inferior conj	-2117 Feb 09 j 01:52	2°♒59'37	3°47'07
minimum elong	-2117 Feb 09 j 04:00	2°♒55'00	3°46'53
min. Earth dist.	-2117 Feb 12 j 10:46	0°♒06'24	0.59684 AU
	-2117 Feb 12 j 13:55	30°℞♑	
morning rise	-2117 Feb 16 j 05:35	27°♑24'44	
direct	-2117 Feb 22 j 18:09	25°♑29'00	
desc. node	-2117 Feb 27 j 00:45	26°♑16'06	
	-2117 Mar 05 j 10:20	0°♒	
morning max el	-2117 Mar 09 j 00:34	3°♒10'41	27°11'31
	-2117 Mar 28 j 14:01	0°♓	
morning set	-2117 Apr 08 j 20:16	21°♓26'31	
	-2117 Apr 12 j 20:55	0°♈	
asc. node	-2117 Apr 14 j 20:46	4°♈20'22	
superior conj	-2117 Apr 15 j 23:48	6°♈48'24	0°11'52
minimum elong	-2117 Apr 15 j 23:16	6°♈45'29	0°11'46
behind sun begin	-2117 Apr 15 j 19:54	6°♈27'03	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

behind sun end	-2117 Apr 16 j 02:38	7°♈03'55	
max. Earth dist.	-2117 Apr 15 j 13:41	5°♈52'58	1.32456 AU
evening rise	-2117 Apr 22 j 23:16	21°♈54'05	
	-2117 Apr 26 j 22:26	0°♉	
	-2117 May 15 j 11:29	0°♊	
evening max el	-2117 May 21 j 05:37	6°♊19'30	25°59'55
desc. node	-2117 May 25 j 23:51	10°♊14'41	
retrograde	-2117 Jun 04 j 07:30	13°♊34'41	
evening set	-2117 Jun 10 j 09:32	12°♊04'26	
min. Earth dist.	-2117 Jun 14 j 18:15	9°♊23'54	0.58916 AU
inferior conj	-2117 Jun 18 j 02:30	6°♊54'11	-4°-30'-1
minimum elong	-2117 Jun 18 j 01:28	6°♊56'07	4°29'58
morning rise	-2117 Jun 25 j 21:11	2°♊27'18	
direct	-2117 Jun 28 j 08:43	2°♊06'40	
morning max el	-2117 Jul 06 j 07:35	5°♊53'26	18°32'49
asc. node	-2117 Jul 11 j 20:02	12°♊41'02	
	-2117 Jul 21 j 15:44	0°♋	
morning set	-2117 Jul 22 j 11:45	1°♋36'20	
superior conj	-2117 Jul 31 j 11:51	18°♋49'18	1°46'45
minimum elong	-2117 Jul 31 j 13:13	18°♋55'43	1°46'45
	-2117 Aug 06 j 15:40	0°♌	
max. Earth dist.	-2117 Aug 07 j 18:12	1°♌56'24	1.39864 AU
evening rise	-2117 Aug 12 j 01:52	9°♌19'50	
desc. node	-2117 Aug 21 j 23:10	25°♌12'00	
	-2117 Aug 25 j 03:10	0°♍	
evening max el	-2117 Sep 16 j 00:42	28°♍34'42	23°45'51
	-2117 Sep 17 j 12:16	0°♎	
retrograde	-2117 Sep 26 j 18:20	4°♎54'37	
evening set	-2117 Oct 01 j 21:00	2°♎47'08	
	-2117 Oct 04 j 12:53	30°℞♍	
inferior conj	-2117 Oct 07 j 06:13	26°♍24'44	0°-11'-9
minimum elong	-2117 Oct 07 j 06:29	26°♍23'50	0°11'03
transit middle	-2117 Oct 07 j 06:29	26°♍23'50	0°11'03
transit begin	-2117 Oct 07 j 04:29	26°♍30'38	
transit end	-2117 Oct 07 j 08:29	26°♍17'01	
min. Earth dist.	-2117 Oct 06 j 18:47	27°♍03'43	0.67462 AU
asc. node	-2117 Oct 07 j 19:11	25°♍40'39	
morning rise	-2117 Oct 12 j 16:07	20°♍13'52	
direct	-2117 Oct 16 j 15:22	18°♍44'57	
morning max el	-2117 Oct 24 j 23:49	23°♍38'31	20°57'43
	-2117 Oct 30 j 10:39	0°♎	
greatest brilliancy	-2117 Oct 30 j 16:34	0°♎19'00	-0.5m
desc. node	-2117 Nov 17 j 22:37	26°♎38'25	
	-2117 Nov 20 j 03:14	0°♏	
morning set	-2117 Nov 23 j 16:04	5°♏28'51	
max. Earth dist.	-2117 Dec 02 j 05:16	19°♏05'58	1.42736 AU
	-2117 Dec 08 j 19:08	0°♐	
superior conj	-2117 Dec 09 j 03:01	0°♐33'20	-1°-50'-4
minimum elong	-2117 Dec 08 j 22:34	0°♐14'33	1°49'52
evening rise	-2117 Dec 20 j 21:10	21°♐05'46	
	-2117 Dec 25 j 21:13	0°♑	
asc. node	-2116 Jan 03 j 18:25	14°♑10'46	
evening max el	-2116 Jan 06 j 18:07	17°♑39'49	18°07'52
retrograde	-2116 Jan 13 j 09:21	21°♑06'13	
evening set	-2116 Jan 16 j 01:32	20°♑32'30	
inferior conj	-2116 Jan 22 j 15:27	15°♑27'46	3°57'16
minimum elong	-2116 Jan 22 j 15:07	15°♑28'36	3°57'12
min. Earth dist.	-2116 Jan 25 j 15:06	12°♑31'38	0.61728 AU
morning rise	-2116 Jan 29 j 02:20	9°♑37'31	
direct	-2116 Feb 05 j 01:57	7°♑09'09	
desc. node	-2116 Feb 13 j 21:50	10°♑29'40	
morning max el	-2116 Feb 19 j 03:18	14°♑56'36	27°42'44
	-2116 Mar 02 j 09:37	0°♒	
	-2116 Mar 20 j 00:58	0°♓	
morning set	-2116 Mar 23 j 01:20	6°♓02'11	
max. Earth dist.	-2116 Mar 29 j 00:46	18°♓38'54	1.32657 AU
superior conj	-2116 Mar 30 j 10:26	21°♓41'31	0°-13'-44
minimum elong	-2116 Mar 30 j 11:04	21°♓44'57	0°13'37
behind sun begin	-2116 Mar 30 j 08:26	21°♓30'41	
behind sun end	-2116 Mar 30 j 13:41	21°♓59'14	
asc. node	-2116 Mar 31 j 17:48	24°♓32'22	
	-2116 Apr 03 j 06:00	0°♈	
evening rise	-2116 Apr 06 j 10:38	6°♈50'26	
	-2116 Apr 18 j 16:42	0°♉	
evening max el	-2116 May 01 j 22:35	17°♉17'02	24°37'34
desc. node	-2116 May 11 j 20:55	23°♉43'09	
retrograde	-2116 May 15 j 21:52	24°♉20'42	
evening set	-2116 May 20 j 17:18	23°♉28'25	
min. Earth dist.	-2116 May 26 j 10:27	20°♉32'39	0.57026 AU
inferior conj	-2116 May 29 j 06:27	18°♉42'20	-4°-2'-2
minimum elong	-2116 May 29 j 01:25	18°♉50'33	4°01'12
morning rise	-2116 Jun 06 j 13:32	14°♉35'08	
direct	-2116 Jun 09 j 02:11	14°♉17'16	
morning max el	-2116 Jun 18 j 07:38	18°♉34'47	19°22'19
	-2116 Jun 26 j 23:03	0°♊	
asc. node	-2116 Jun 27 j 17:06	1°♊16'16	
morning set	-2116 Jul 05 j 11:00	15°♊51'49	
	-2116 Jul 12 j 13:01	0°♋	
superior conj	-2116 Jul 13 j 16:17	2°♋13'47	1°47'41
minimum elong	-2116 Jul 13 j 15:36	2°♋10'26	1°47'43
max. Earth dist.	-2116 Jul 19 j 20:34	13°♋58'02	1.37899 AU
evening rise	-2116 Jul 23 j 17:33	20°♋57'17	
	-2116 Jul 29 j 00:06	0°♌	
desc. node	-2116 Aug 07 j 20:11	15°♌33'00	
	-2116 Aug 18 j 02:40	0°♍	
evening max el	-2116 Aug 28 j 12:05	12°♍07'30	25°03'43
retrograde	-2116 Sep 09 j 06:26	18°♍57'04	
evening set	-2116 Sep 15 j 00:07	16°♍31'45	
min. Earth dist.	-2116 Sep 19 j 13:06	11°♍23'42	0.67095 AU
inferior conj	-2116 Sep 20 j 11:09	10°♍11'10	-1°-5'-39
minimum elong	-2116 Sep 20 j 12:45	10°♍05'55	1°05'00
asc. node	-2116 Sep 23 j 16:15	6°♍14'32	
morning rise	-2116 Sep 26 j 01:49	4°♍07'35	
direct	-2116 Sep 29 j 13:21	2°♍57'28	
morning max el	-2116 Oct 07 j 00:54	7°♍15'36	19°49'22
greatest brilliancy	-2116 Oct 14 j 21:28	17°♍04'53	-0.6m
	-2116 Oct 23 j 15:42	0°♎	
morning set	-2116 Nov 01 j 13:40	13°♎41'07	
desc. node	-2116 Nov 03 j 19:38	17°♎10'29	
	-2116 Nov 11 j 23:56	0°♏	
max. Earth dist.	-2116 Nov 13 j 17:00	2°♏42'58	1.44116 AU
superior conj	-2116 Nov 18 j 07:11	10°♏04'48	-1°-24'-48
minimum elong	-2116 Nov 17 j 23:38	9°♏34'16	1°24'07
	-2116 Nov 30 j 07:58	0°♐	
evening rise	-2116 Dec 01 j 22:26	2°♐43'08	
	-2116 Dec 19 j 09:12	0°♑	
evening max el	-2116 Dec 20 j 06:46	0°♑57'31	18°17'32
asc. node	-2116 Dec 20 j 15:28	1°♑19'07	
retrograde	-2116 Dec 26 j 19:12	4°♑29'08	
evening set	-2116 Dec 29 j 15:26	3°♑46'20	
	-2115 Jan 03 j 06:59	30°℞♐	
inferior conj	-2115 Jan 04 j 19:24	28°♐21'11	3°46'17
minimum elong	-2115 Jan 04 j 17:21	28°♐26'53	3°45'58
min. Earth dist.	-2115 Jan 07 j 04:43	25°♐42'51	0.63571 AU
morning rise	-2115 Jan 10 j 17:42	22°♐20'31	
direct	-2115 Jan 17 j 17:40	19°♐33'34	
desc. node	-2115 Jan 30 j 18:54	26°♐41'57	
morning max el	-2115 Jan 31 j 10:43	27°♐20'35	27°37'24
	-2115 Feb 02 j 23:38	0°♑	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2115 Feb 24 j 01:06	0°♒	
morning set	-2115 Mar 06 j 23:43	20°♒14'06	
	-2115 Mar 11 j 18:12	0°♓	
max. Earth dist.	-2115 Mar 12 j 05:58	1°♓01'52	1.33252 AU
superior conj	-2115 Mar 14 j 18:12	6°♓21'58	0°-39'-37
minimum elong	-2115 Mar 14 j 20:01	6°♓31'44	0°39'16
asc. node	-2115 Mar 18 j 14:50	14°♓40'08	
evening rise	-2115 Mar 21 j 22:16	21°♓43'20	
	-2115 Mar 25 j 23:25	0°♈	
evening max el	-2115 Apr 13 j 14:11	27°♈56'01	23°03'23
	-2115 Apr 15 j 22:15	0°♉	
retrograde	-2115 Apr 26 j 23:02	4°♉32'50	
desc. node	-2115 Apr 28 j 17:57	4°♉25'44	
evening set	-2115 Apr 30 j 09:52	4°♉06'48	
min. Earth dist.	-2115 May 08 j 00:06	0°♉43'49	0.55652 AU
	-2115 May 09 j 06:16	30°℞♈	
inferior conj	-2115 May 09 j 14:56	29°♈47'21	-2°-51'-49
minimum elong	-2115 May 09 j 08:27	29°♈56'49	2°49'59
morning rise	-2115 May 18 j 09:58	25°♈51'32	
direct	-2115 May 21 j 01:25	25°♈34'48	
	-2115 May 31 j 05:00	0°♉	
morning max el	-2115 May 31 j 21:18	0°♉36'39	20°32'22
asc. node	-2115 Jun 14 j 14:10	20°♉24'48	
	-2115 Jun 19 j 10:58	0°♊	
morning set	-2115 Jun 19 j 16:30	0°♊28'10	
superior conj	-2115 Jun 27 j 08:53	16°♊16'18	1°40'43
minimum elong	-2115 Jun 27 j 06:54	16°♊06'12	1°40'37
max. Earth dist.	-2115 Jul 02 j 03:23	25°♊46'26	1.36113 AU
	-2115 Jul 04 j 08:09	0°♋	
evening rise	-2115 Jul 06 j 06:47	3°♋38'39	
	-2115 Jul 21 j 22:36	0°♌	
desc. node	-2115 Jul 25 j 17:11	5°♌35'09	
evening max el	-2115 Aug 10 j 23:22	25°♌41'40	26°11'10
	-2115 Aug 16 j 02:01	0°♍	
retrograde	-2115 Aug 23 j 13:41	2°♍50'50	
evening set	-2115 Aug 29 j 21:59	0°♍11'24	
	-2115 Aug 30 j 03:16	30°℞♌	
min. Earth dist.	-2115 Sep 03 j 02:46	25°♌41'06	0.66395 AU
inferior conj	-2115 Sep 04 j 12:29	23°♌56'17	-1°-59'-28
minimum elong	-2115 Sep 04 j 15:21	23°♌47'22	1°58'22
morning rise	-2115 Sep 10 j 09:34	18°♌03'17	
asc. node	-2115 Sep 10 j 13:19	17°♌57'56	
direct	-2115 Sep 13 j 11:37	17°♌08'44	
morning max el	-2115 Sep 20 j 08:50	21°♌00'33	18°55'41
	-2115 Sep 27 j 10:30	0°♍	
morning set	-2115 Oct 12 j 02:47	22°♍44'41	
	-2115 Oct 16 j 17:07	0°♎	
desc. node	-2115 Oct 21 j 16:37	7°♎50'17	
max. Earth dist.	-2115 Oct 27 j 10:00	16°♎50'45	1.44841 AU
superior conj	-2115 Oct 28 j 12:37	18°♎35'38	0°-43'-4
minimum elong	-2115 Oct 28 j 07:09	18°♎14'04	0°42'25
	-2115 Nov 04 j 17:24	0°♏	
evening rise	-2115 Nov 13 j 00:54	13°♏21'14	
	-2115 Nov 23 j 08:42	0°♐	
evening max el	-2115 Dec 03 j 18:19	14°♐21'15	18°45'21
asc. node	-2115 Dec 07 j 12:30	17°♐20'20	
retrograde	-2115 Dec 10 j 12:00	18°♐08'37	
evening set	-2115 Dec 13 j 13:28	17°♐15'16	
inferior conj	-2115 Dec 19 j 09:58	11°♐32'11	3°20'31
minimum elong	-2115 Dec 19 j 07:06	11°♐40'54	3°19'51
min. Earth dist.	-2115 Dec 21 j 04:09	9°♐24'20	0.65075 AU
morning rise	-2115 Dec 24 j 23:39	5°♐23'56	
direct	-2115 Dec 31 j 15:56	2°♐33'29	
morning max el	-2114 Jan 13 j 20:17	10°♐12'22	26°59'01
desc. node	-2114 Jan 17 j 15:56	14°♐18'54	
	-2114 Jan 29 j 12:47	0°♑	
	-2114 Feb 16 j 11:27	0°♒	
morning set	-2114 Feb 18 j 12:14	3°♒51'41	
max. Earth dist.	-2114 Feb 23 j 01:38	12°♒52'01	1.34273 AU
superior conj	-2114 Feb 26 j 21:03	20°♒42'37	-1°-4'-39
minimum elong	-2114 Feb 26 j 23:54	20°♒57'32	1°04'12
	-2114 Mar 03 j 06:51	0°♓	
asc. node	-2114 Mar 05 j 11:51	4°♓38'57	
evening rise	-2114 Mar 06 j 08:22	6°♓25'56	
	-2114 Mar 19 j 06:28	0°♈	
evening max el	-2114 Mar 26 j 10:53	8°♈44'34	21°31'41
retrograde	-2114 Apr 07 j 14:12	14°♈37'14	
evening set	-2114 Apr 10 j 02:43	14°♈22'49	
desc. node	-2114 Apr 15 j 14:59	12°♈25'17	
inferior conj	-2114 Apr 19 j 10:56	10°♈21'39	-1°-4'-31
minimum elong	-2114 Apr 19 j 07:55	10°♈25'53	1°03'28
min. Earth dist.	-2114 Apr 19 j 13:21	10°♈18'15	0.55083 AU
morning rise	-2114 Apr 28 j 13:33	6°♈21'23	
direct	-2114 May 01 j 13:12	6°♈01'52	
morning max el	-2114 May 14 j 00:07	11°♈56'28	22°00'20
	-2114 May 27 j 04:54	0°♉	
asc. node	-2114 Jun 01 j 11:12	9°♉58'12	
morning set	-2114 Jun 04 j 02:01	15°♉18'54	
superior conj	-2114 Jun 11 j 09:58	0°♊45'57	1°27'46
minimum elong	-2114 Jun 11 j 07:25	0°♊32'34	1°27'30
	-2114 Jun 11 j 01:13	0°♊	
max. Earth dist.	-2114 Jun 14 j 18:54	7°♊45'20	1.34648 AU
evening rise	-2114 Jun 19 j 12:24	17°♊10'01	
	-2114 Jun 26 j 11:11	0°♋	
desc. node	-2114 Jul 12 j 14:12	25°♋10'13	
	-2114 Jul 16 j 06:41	0°♌	
evening max el	-2114 Jul 24 j 10:57	9°♌10'06	27°00'20
retrograde	-2114 Aug 06 j 15:51	16°♌29'31	
evening set	-2114 Aug 13 j 12:17	13°♌43'12	
min. Earth dist.	-2114 Aug 17 j 09:30	9°♌51'17	0.65329 AU
inferior conj	-2114 Aug 19 j 08:11	7°♌36'54	-2°-50'-31
minimum elong	-2114 Aug 19 j 12:03	7°♌25'46	2°49'15
morning rise	-2114 Aug 25 j 13:10	1°♌57'48	
direct	-2114 Aug 28 j 08:04	1°♌15'22	
asc. node	-2114 Aug 28 j 10:23	1°♌15'25	
morning max el	-2114 Sep 03 j 21:43	4°♌50'03	18°18'18
	-2114 Sep 20 j 21:11	0°♍	
morning set	-2114 Sep 22 j 19:19	3°♍09'45	
superior conj	-2114 Oct 07 j 13:34	26°♍59'49	0°06'29
minimum elong	-2114 Oct 07 j 14:24	27°♍03'05	0°06'23
behind sun begin	-2114 Oct 07 j 04:06	26°♍22'16	
behind sun end	-2114 Oct 08 j 00:42	27°♍43'52	
desc. node	-2114 Oct 08 j 13:37	28°♍34'58	
	-2114 Oct 09 j 11:08	0°♎	
max. Earth dist.	-2114 Oct 10 j 04:43	1°♎09'19	1.44833 AU
evening rise	-2114 Oct 24 j 03:16	22°♎59'38	
	-2114 Oct 28 j 15:01	0°♏	
greatest brilliancy	-2114 Nov 08 j 07:40	16°♏21'35	-0.7m
evening max el	-2114 Nov 17 j 02:30	27°♏47'44	19°29'59
	-2114 Nov 19 j 12:38	0°♐	
retrograde	-2114 Nov 24 j 08:27	1°♐59'40	
asc. node	-2114 Nov 24 j 09:33	1°♐59'40	
evening set	-2114 Nov 27 j 16:58	0°♐53'52	
	-2114 Nov 28 j 21:19	30°℞♏	
inferior conj	-2114 Dec 03 j 08:04	24°♏55'56	2°44'23
minimum elong	-2114 Dec 03 j 05:07	25°♏05'30	2°43'28
min. Earth dist.	-2114 Dec 04 j 12:18	23°♏24'22	0.66208 AU
morning rise	-2114 Dec 08 j 16:31	18°♏42'30	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

direct	-2114 Dec 14 j 20:18	16°♏00'47	
morning max el	-2114 Dec 27 j 05:47	23°♏20'02	25°54'45
	-2113 Jan 02 j 04:47	0°♐	
desc. node	-2113 Jan 04 j 12:59	2°♐55'48	
	-2113 Jan 22 j 21:00	0°♑	
morning set	-2113 Feb 01 j 10:36	16°♑42'15	
max. Earth dist.	-2113 Feb 05 j 09:29	24°♑09'03	1.35738 AU
	-2113 Feb 08 j 09:20	0°♒	
superior conj	-2113 Feb 10 j 16:30	4°♒36'03	-1°-27'-21
minimum elong	-2113 Feb 10 j 19:57	4°♒53'27	1°26'58
evening rise	-2113 Feb 18 j 14:57	20°♒51'54	
asc. node	-2113 Feb 20 j 08:53	24°♒24'08	
	-2113 Feb 23 j 05:18	0°♓	
evening max el	-2113 Mar 08 j 17:36	20°♓04'35	20°12'59
retrograde	-2113 Mar 19 j 05:10	25°♓04'45	
evening set	-2113 Mar 21 j 10:11	24°♓52'22	
inferior conj	-2113 Mar 30 j 08:05	20°♓53'30	0°52'53
minimum elong	-2113 Mar 30 j 10:23	20°♓50'03	0°52'05
min. Earth dist.	-2113 Apr 01 j 03:28	19°♓48'54	0.55461 AU
desc. node	-2113 Apr 02 j 12:04	19°♓02'00	
morning rise	-2113 Apr 08 j 08:04	16°♓30'01	
direct	-2113 Apr 12 j 02:52	15°♓58'43	
morning max el	-2113 Apr 25 j 18:25	22°♓42'21	23°39'04
	-2113 May 02 j 04:49	0°♈	
asc. node	-2113 May 19 j 08:14	29°♈49'19	
	-2113 May 19 j 10:17	0°♉	
morning set	-2113 May 19 j 13:38	0°♉17'33	
superior conj	-2113 May 26 j 16:39	15°♉33'13	1°10'19
minimum elong	-2113 May 26 j 14:08	15°♉19'46	1°09'56
max. Earth dist.	-2113 May 28 j 19:53	20°♉06'45	1.33565 AU
	-2113 Jun 02 j 14:22	0°♊	
evening rise	-2113 Jun 03 j 05:52	1°♊17'48	
	-2113 Jun 19 j 09:49	0°♋	
desc. node	-2113 Jun 29 j 11:14	14°♋06'05	
evening max el	-2113 Jul 06 j 21:42	22°♋21'07	27°24'06
retrograde	-2113 Jul 20 j 12:25	29°♋43'30	
evening set	-2113 Jul 27 j 15:57	27°♋01'35	
min. Earth dist.	-2113 Jul 31 j 07:24	23°♋44'43	0.63885 AU
inferior conj	-2113 Aug 02 j 19:43	21°♋07'10	-3°-35'-59
minimum elong	-2113 Aug 02 j 23:57	20°♋56'04	3°34'54
morning rise	-2113 Aug 09 j 09:54	15°♋45'03	
direct	-2113 Aug 12 j 00:02	15°♋11'34	
asc. node	-2113 Aug 15 j 07:27	16°♋06'31	
morning max el	-2113 Aug 18 j 12:53	18°♋37'38	17°58'11
	-2113 Aug 26 j 20:17	0°♌	
morning set	-2113 Sep 04 j 14:14	14°♌50'12	
	-2113 Sep 13 j 12:20	0°♍	
superior conj	-2113 Sep 17 j 07:35	6°♍16'56	0°51'12
minimum elong	-2113 Sep 17 j 12:36	6°♍37'30	0°50'36
max. Earth dist.	-2113 Sep 22 j 21:26	15°♍17'49	1.44108 AU
desc. node	-2113 Sep 25 j 10:37	19°♍20'52	
	-2113 Oct 02 j 06:07	0°♎	
evening rise	-2113 Oct 03 j 11:43	1°♎54'23	
	-2113 Oct 22 j 06:57	0°♏	
greatest brilliancy	-2113 Oct 25 j 00:19	3°♏44'24	-0.5m
evening max el	-2113 Oct 31 j 05:35	11°♏14'43	20°29'31
retrograde	-2113 Nov 08 j 05:57	15°♏58'26	
asc. node	-2113 Nov 11 j 06:36	15°♏05'43	
evening set	-2113 Nov 11 j 23:37	14°♏37'50	
inferior conj	-2113 Nov 17 j 11:07	8°♏28'34	2°00'52
minimum elong	-2113 Nov 17 j 08:39	8°♏36'55	1°59'57
min. Earth dist.	-2113 Nov 18 j 03:02	7°♏34'41	0.66977 AU
morning rise	-2113 Nov 22 j 17:09	2°♏12'26	
	-2113 Nov 26 j 14:15	30°℞♎	
direct	-2113 Nov 28 j 06:07	29°♎47'42	
	-2113 Nov 29 j 23:36	0°♏	
morning max el	-2113 Dec 09 j 14:19	6°♏33'30	24°34'09
desc. node	-2113 Dec 22 j 10:01	22°♏15'06	
	-2113 Dec 27 j 20:18	0°♐	
morning set	-2112 Jan 14 j 13:17	28°♐30'07	
	-2112 Jan 15 j 09:42	0°♑	
max. Earth dist.	-2112 Jan 18 j 07:20	5°♑12'18	1.37598 AU
superior conj	-2112 Jan 25 j 01:20	17°♑53'32	-1°-45'-39
minimum elong	-2112 Jan 25 j 04:30	18°♑08'53	1°45'27
	-2112 Jan 31 j 04:38	0°♒	
evening rise	-2112 Feb 02 j 15:50	4°♒54'54	
asc. node	-2112 Feb 07 j 05:55	13°♒50'19	
	-2112 Feb 17 j 12:47	0°♓	
evening max el	-2112 Feb 19 j 11:16	2°♓02'42	19°12'28
retrograde	-2112 Feb 28 j 07:47	6°♓16'52	
evening set	-2112 Mar 01 j 14:34	6°♓01'12	
inferior conj	-2112 Mar 09 j 19:26	1°♓50'27	2°28'39
minimum elong	-2112 Mar 10 j 00:08	1°♓42'27	2°27'22
	-2112 Mar 12 j 12:50	30°℞♒	
min. Earth dist.	-2112 Mar 12 j 18:55	29°♒50'02	0.56700 AU
morning rise	-2112 Mar 18 j 05:44	26°♒55'37	
desc. node	-2112 Mar 19 j 09:08	26°♒32'38	
direct	-2112 Mar 23 j 04:33	25°♒58'37	
	-2112 Apr 02 j 13:40	0°♓	
morning max el	-2112 Apr 06 j 09:18	3°♓15'41	25°16'25
	-2112 Apr 25 j 07:39	0°♈	
morning set	-2112 May 03 j 01:44	15°♈18'42	
asc. node	-2112 May 05 j 05:18	19°♈52'52	
	-2112 May 09 j 21:05	0°♉	
superior conj	-2112 May 10 j 02:46	0°♉31'02	0°49'28
minimum elong	-2112 May 10 j 00:47	0°♉20'11	0°49'06
max. Earth dist.	-2112 May 11 j 04:25	2°♉50'34	1.32863 AU
evening rise	-2112 May 17 j 07:39	15°♉51'14	
	-2112 May 24 j 14:10	0°♊	
	-2112 Jun 13 j 11:20	0°♋	
desc. node	-2112 Jun 15 j 08:16	2°♋06'17	
evening max el	-2112 Jun 18 j 05:39	5°♋03'16	27°16'55
retrograde	-2112 Jul 02 j 02:36	12°♋23'49	
evening set	-2112 Jul 09 j 05:10	10°♋00'17	
min. Earth dist.	-2112 Jul 12 j 19:24	7°♋09'32	0.62107 AU
inferior conj	-2112 Jul 15 j 20:07	4°♋20'40	-4°-11'-31
minimum elong	-2112 Jul 15 j 23:36	4°♋12'32	4°10'57
	-2112 Jul 21 j 08:10	30°℞♊	
morning rise	-2112 Jul 22 j 20:38	29°♊18'23	
direct	-2112 Jul 25 j 08:21	28°♊51'09	
	-2112 Jul 29 j 05:50	0°♋	
morning max el	-2112 Aug 01 j 03:32	2°♋17'08	17°56'16
asc. node	-2112 Aug 01 j 04:31	2°♋19'33	
morning set	-2112 Aug 17 j 06:06	27°♋30'48	
	-2112 Aug 18 j 15:08	0°♌	
superior conj	-2112 Aug 28 j 04:43	16°♌54'22	1°23'21
minimum elong	-2112 Aug 28 j 09:43	17°♌15'48	1°22'53
max. Earth dist.	-2112 Sep 04 j 09:57	29°♌00'37	1.42770 AU
	-2112 Sep 05 j 00:29	0°♍	
desc. node	-2112 Sep 11 j 07:38	10°♍04'54	
evening rise	-2112 Sep 11 j 18:57	10°♍49'18	
	-2112 Sep 24 j 10:01	0°♎	
greatest brilliancy	-2112 Oct 08 j 04:54	19°♎04'44	-0.4m
evening max el	-2112 Oct 13 j 02:46	24°♎41'55	21°40'51
	-2112 Oct 21 j 10:33	0°♏	
retrograde	-2112 Oct 22 j 02:27	0°♏02'14	
	-2112 Oct 22 j 18:06	30°℞♎	
evening set	-2112 Oct 26 j 07:32	28°♎24'27	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2112 Oct 28 j 03:40	26°♎40'23	
inferior conj	-2112 Oct 31 j 16:59	22°♎07'21	1°12'07
minimum elong	-2112 Oct 31 j 15:23	22°♎12'53	1°11'27
min. Earth dist.	-2112 Oct 31 j 21:51	21°♎50'36	0.67413 AU
morning rise	-2112 Nov 05 j 22:57	15°♎51'13	
direct	-2112 Nov 10 j 20:36	13°♎47'49	
morning max el	-2112 Nov 20 j 23:45	19°♎49'56	23°07'09
greatest brilliancy	-2112 Nov 25 j 23:22	25°♎25'47	-0.3m
	-2112 Nov 29 j 14:04	0°♏	
desc. node	-2112 Dec 08 j 07:03	12°♏04'24	
	-2112 Dec 20 j 01:38	0°♐	
morning set	-2112 Dec 25 j 13:54	8°♐58'19	
max. Earth dist.	-2112 Dec 30 j 02:37	16°♐39'13	1.39686 AU
superior conj	-2111 Jan 06 j 19:12	0°♑23'04	-1°-56'-41
minimum elong	-2111 Jan 06 j 20:42	0°♑29'56	1°56'42
	-2111 Jan 06 j 14:12	0°♑	
evening rise	-2111 Jan 16 j 08:11	18°♑27'12	
	-2111 Jan 22 j 12:09	0°♒	
asc. node	-2111 Jan 24 j 02:58	2°♒50'06	
evening max el	-2111 Feb 01 j 13:53	14°♒32'53	18°31'38
retrograde	-2111 Feb 09 j 04:42	18°♒16'22	
evening set	-2111 Feb 11 j 15:27	17°♒54'35	
inferior conj	-2111 Feb 19 j 02:59	13°♒23'56	3°28'28
minimum elong	-2111 Feb 19 j 06:32	13°♒16'53	3°27'52
min. Earth dist.	-2111 Feb 22 j 12:48	10°♒43'36	0.58522 AU
morning rise	-2111 Feb 26 j 17:56	8°♒01'41	
direct	-2111 Mar 04 j 19:22	6°♒28'06	
desc. node	-2111 Mar 06 j 06:12	6°♒33'26	
morning max el	-2111 Mar 19 j 02:30	14°♒02'47	26°37'31
	-2111 Mar 31 j 19:45	0°♓	
	-2111 Apr 17 j 09:39	0°♈	
morning set	-2111 Apr 17 j 12:34	0°♈15'16	
asc. node	-2111 Apr 22 j 02:21	10°♈03'02	
superior conj	-2111 Apr 24 j 14:24	15°♈31'37	0°26'07
minimum elong	-2111 Apr 24 j 13:16	15°♈25'24	0°25'53
max. Earth dist.	-2111 Apr 24 j 17:05	15°♈46'21	1.32513 AU
	-2111 May 01 j 07:17	0°♉	
evening rise	-2111 May 01 j 14:52	0°♉39'43	
	-2111 May 17 j 17:56	0°♊	
evening max el	-2111 May 31 j 08:16	17°♊05'01	26°36'47
desc. node	-2111 Jun 02 j 05:19	18°♊46'58	
retrograde	-2111 Jun 14 j 08:48	24°♊21'54	
evening set	-2111 Jun 20 j 23:32	22°♊29'54	
min. Earth dist.	-2111 Jun 24 j 21:37	19°♊50'45	0.60100 AU
inferior conj	-2111 Jun 28 j 05:50	17°♊08'16	-4°-30'-25
minimum elong	-2111 Jun 28 j 06:56	17°♊06'01	4°30'21
morning rise	-2111 Jul 05 j 17:36	12°♊28'06	
direct	-2111 Jul 08 j 04:57	12°♊05'16	
morning max el	-2111 Jul 15 j 14:47	15°♊40'55	18°13'42
asc. node	-2111 Jul 19 j 01:36	19°♊38'52	
	-2111 Jul 25 j 14:59	0°♋	
morning set	-2111 Jul 31 j 13:24	10°♋56'53	
superior conj	-2111 Aug 10 j 03:41	28°♋48'53	1°41'42
minimum elong	-2111 Aug 10 j 06:29	29°♋01'33	1°41'36
	-2111 Aug 10 j 19:27	0°♌	
max. Earth dist.	-2111 Aug 17 j 17:18	12°♌05'50	1.40992 AU
evening rise	-2111 Aug 22 j 18:59	20°♌32'21	
	-2111 Aug 28 j 17:27	0°♍	
desc. node	-2111 Aug 29 j 04:40	0°♍43'36	
	-2111 Sep 18 j 16:30	0°♎	
greatest brilliancy	-2111 Sep 20 j 13:52	2°♎20'47	-0.3m
evening max el	-2111 Sep 25 j 18:32	8°♎10'06	22°59'34
retrograde	-2111 Oct 05 j 20:29	14°♎08'37	
evening set	-2111 Oct 10 j 14:57	12°♎11'58	
asc. node	-2111 Oct 15 j 00:43	7°♎09'52	
inferior conj	-2111 Oct 15 j 23:50	5°♎50'36	0°19'54
minimum elong	-2111 Oct 15 j 23:23	5°♎52'12	0°19'41
min. Earth dist.	-2111 Oct 15 j 18:18	6°♎09'41	0.67533 AU
	-2111 Oct 20 j 20:52	30°℞♍	
morning rise	-2111 Oct 21 j 07:47	29°♍37'12	
direct	-2111 Oct 25 j 14:49	27°♍56'05	
	-2111 Oct 30 j 21:39	0°♎	
morning max el	-2111 Nov 03 j 13:37	3°♎12'58	21°42'41
greatest brilliancy	-2111 Nov 08 j 12:26	8°♎51'54	-0.4m
	-2111 Nov 23 j 15:56	0°♏	
desc. node	-2111 Nov 25 j 04:05	2°♏15'14	
morning set	-2111 Dec 05 j 09:35	18°♏03'42	
max. Earth dist.	-2111 Dec 12 j 03:04	28°♏58'48	1.41715 AU
	-2111 Dec 12 j 17:48	0°♐	
superior conj	-2111 Dec 19 j 16:48	11°♐51'37	-1°-56'-43
minimum elong	-2111 Dec 19 j 14:52	11°♐43'08	1°56'43
	-2111 Dec 29 j 18:53	0°♑	
evening rise	-2111 Dec 30 j 12:42	1°♑21'50	
asc. node	-2110 Jan 11 j 00:00	21°♑15'20	
evening max el	-2110 Jan 15 j 22:38	27°♑27'28	18°10'48
	-2110 Jan 19 j 06:38	0°♒	
retrograde	-2110 Jan 22 j 19:27	0°♒56'14	
evening set	-2110 Jan 25 j 09:40	0°♒27'06	
	-2110 Jan 26 j 10:39	30°℞♑	
inferior conj	-2110 Feb 01 j 06:33	25°♑34'21	3°54'29
minimum elong	-2110 Feb 01 j 07:35	25°♑31'58	3°54'23
min. Earth dist.	-2110 Feb 04 j 12:19	22°♑37'21	0.60573 AU
morning rise	-2110 Feb 08 j 02:40	19°♑52'17	
direct	-2110 Feb 14 j 21:19	17°♑41'42	
desc. node	-2110 Feb 21 j 03:17	19°♑22'21	
morning max el	-2110 Mar 01 j 01:47	25°♑25'32	27°29'14
	-2110 Mar 05 j 07:47	0°♒	
	-2110 Mar 25 j 03:47	0°♓	
morning set	-2110 Apr 01 j 20:22	15°♓00'51	
max. Earth dist.	-2110 Apr 08 j 06:01	28°♓40'42	1.32507 AU
asc. node	-2110 Apr 08 j 23:23	0°♈15'34	
	-2110 Apr 08 j 20:32	0°♈	
superior conj	-2110 Apr 09 j 01:52	0°♈29'10	0°01'06
minimum elong	-2110 Apr 09 j 01:49	0°♈28'52	0°01'06
behind sun begin	-2110 Apr 08 j 20:48	0°♈01'24	
behind sun end	-2110 Apr 09 j 06:50	0°♈56'21	
evening rise	-2110 Apr 16 j 01:17	15°♈35'18	
	-2110 Apr 23 j 07:02	0°♉	
evening max el	-2110 May 13 j 04:07	28°♉22'43	25°27'04
	-2110 May 14 j 22:57	0°♊	
desc. node	-2110 May 20 j 02:22	3°♊36'23	
retrograde	-2110 May 27 j 05:22	5°♊33'48	
evening set	-2110 Jun 01 j 19:42	4°♊20'14	
min. Earth dist.	-2110 Jun 06 j 16:09	1°♊35'12	0.58078 AU
	-2110 Jun 08 j 22:46	30°℞♉	
inferior conj	-2110 Jun 09 j 21:17	29°♉20'04	-4°-22'-52
minimum elong	-2110 Jun 09 j 18:30	29°♉25'00	4°22'36
morning rise	-2110 Jun 17 j 21:12	25°♉02'17	
direct	-2110 Jun 20 j 09:21	24°♉42'49	
morning max el	-2110 Jun 28 j 19:42	28°♉40'26	18°51'23
	-2110 Jun 30 j 03:17	0°♊	
asc. node	-2110 Jul 05 j 22:41	7°♊50'01	
morning set	-2110 Jul 15 j 07:47	24°♊56'50	
	-2110 Jul 17 j 21:34	0°♋	
superior conj	-2110 Jul 23 j 22:59	11°♋45'15	1°48'16
minimum elong	-2110 Jul 23 j 23:24	11°♋47'15	1°48'19
max. Earth dist.	-2110 Jul 30 j 20:15	24°♋27'38	1.39015 AU
	-2110 Aug 02 j 23:56	0°♌	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening rise	-2110 Aug 03 j 20:10	1°♌27'05	
desc. node	-2110 Aug 16 j 01:40	21°♌12'31	
	-2110 Aug 22 j 00:27	0°♍	
evening max el	-2110 Sep 08 j 06:36	21°♍40'06	24°19'46
retrograde	-2110 Sep 19 j 10:59	28°♍13'39	
evening set	-2110 Sep 24 j 20:08	25°♍58'01	
min. Earth dist.	-2110 Sep 29 j 13:59	20°♍29'38	0.67343 AU
inferior conj	-2110 Sep 30 j 05:56	19°♍35'59	0°-34'-15
minimum elong	-2110 Sep 30 j 06:45	19°♍33'12	0°33'55
asc. node	-2110 Oct 01 j 21:48	17°♍24'32	
morning rise	-2110 Oct 05 j 17:40	13°♍28'09	
direct	-2110 Oct 09 j 11:39	12°♍07'43	
morning max el	-2110 Oct 17 j 10:27	16°♍44'55	20°27'07
greatest brilliancy	-2110 Oct 23 j 21:02	24°♍28'35	-0.5m
	-2110 Oct 27 j 20:53	0°♎	
desc. node	-2110 Nov 12 j 01:05	22°♎40'44	
morning set	-2110 Nov 14 j 08:56	26°♎16'23	
	-2110 Nov 16 j 18:25	0°♏	
max. Earth dist.	-2110 Nov 24 j 10:51	12°♏10'40	1.43392 AU
superior conj	-2110 Nov 30 j 12:38	22°♏05'46	-1°-41'-33
minimum elong	-2110 Nov 30 j 06:29	21°♏40'18	1°41'09
	-2110 Dec 05 j 05:42	0°♐	
evening rise	-2110 Dec 13 j 01:11	13°♐29'41	
	-2110 Dec 22 j 15:52	0°♑	
asc. node	-2110 Dec 28 j 21:01	8°♑55'12	
evening max el	-2110 Dec 30 j 10:33	10°♑38'06	18°09'36
retrograde	-2109 Jan 05 j 23:41	14°♑05'43	
evening set	-2109 Jan 08 j 17:24	13°♑28'21	
inferior conj	-2109 Jan 15 j 02:44	8°♑14'27	3°54'46
minimum elong	-2109 Jan 15 j 01:33	8°♑17'31	3°54'38
min. Earth dist.	-2109 Jan 17 j 20:30	5°♑23'52	0.62544 AU
morning rise	-2109 Jan 21 j 07:43	2°♑19'02	
	-2109 Jan 25 j 21:23	30°℞♐	
direct	-2109 Jan 28 j 08:25	29°♐41'06	
	-2109 Jan 30 j 21:25	0°♑	
desc. node	-2109 Feb 08 j 00:20	4°♑30'53	
morning max el	-2109 Feb 11 j 07:03	7°♑29'25	27°44'54
	-2109 Feb 28 j 13:23	0°♒	
morning set	-2109 Mar 16 j 22:58	29°♒28'06	
	-2109 Mar 17 j 05:16	0°♓	
max. Earth dist.	-2109 Mar 22 j 15:14	11°♓19'26	1.32862 AU
superior conj	-2109 Mar 24 j 11:31	15°♓17'50	0°-24'-44
minimum elong	-2109 Mar 24 j 12:39	15°♓24'02	0°24'31
asc. node	-2109 Mar 26 j 20:25	20°♓26'30	
	-2109 Mar 31 j 07:05	0°♈	
evening rise	-2109 Mar 31 j 13:00	0°♈31'15	
	-2109 Apr 17 j 01:27	0°♉	
evening max el	-2109 Apr 24 j 19:34	9°♉08'54	23°57'57
desc. node	-2109 May 06 j 23:25	15°♉58'07	
retrograde	-2109 May 08 j 14:34	16°♉04'12	
evening set	-2109 May 12 j 19:41	15°♉24'47	
min. Earth dist.	-2109 May 19 j 06:48	12°♉18'49	0.56357 AU
inferior conj	-2109 May 21 j 16:38	10°♉49'51	-3°-37'-36
minimum elong	-2109 May 21 j 10:26	10°♉59'26	3°36'15
morning rise	-2109 May 30 j 05:04	6°♉49'24	
direct	-2109 Jun 01 j 18:27	6°♉32'25	
morning max el	-2109 Jun 11 j 15:42	11°♉07'00	19°49'46
asc. node	-2109 Jun 22 j 19:44	26°♉41'02	
	-2109 Jun 24 j 15:05	0°♊	
morning set	-2109 Jun 29 j 10:01	9°♊22'34	
superior conj	-2109 Jul 07 j 09:11	25°♊28'25	1°45'34
minimum elong	-2109 Jul 07 j 07:51	25°♊21'47	1°45'34
	-2109 Jul 09 j 16:20	0°♋	
max. Earth dist.	-2109 Jul 12 j 23:33	6°♋19'49	1.37100 AU
evening rise	-2109 Jul 16 j 21:40	13°♋33'52	
	-2109 Jul 26 j 12:48	0°♌	
desc. node	-2109 Aug 02 j 22:40	11°♌26'46	
	-2109 Aug 16 j 21:00	0°♍	
evening max el	-2109 Aug 21 j 17:33	5°♍13'29	25°34'07
retrograde	-2109 Sep 02 j 21:15	12°♍13'28	
evening set	-2109 Sep 08 j 21:17	9°♍41'15	
min. Earth dist.	-2109 Sep 13 j 06:36	4°♍49'07	0.66837 AU
inferior conj	-2109 Sep 14 j 09:33	3°♍22'17	-1°-28'-43
minimum elong	-2109 Sep 14 j 11:42	3°♍15'22	1°27'50
	-2109 Sep 17 j 03:51	30°℞♌	
asc. node	-2109 Sep 18 j 18:52	28°♌23'10	
morning rise	-2109 Sep 20 j 02:46	27°♌22'56	
direct	-2109 Sep 23 j 09:53	26°♌20'04	
	-2109 Sep 30 j 04:11	0°♍	
morning max el	-2109 Sep 30 j 14:41	0°♍26'10	19°24'37
greatest brilliancy	-2109 Oct 10 j 02:44	12°♍46'33	-0.7m
	-2109 Oct 21 j 09:39	0°♎	
morning set	-2109 Oct 24 j 10:29	4°♎43'12	
desc. node	-2109 Oct 29 j 22:05	13°♎16'33	
max. Earth dist.	-2109 Nov 07 j 00:42	26°♎01'13	1.44505 AU
	-2109 Nov 09 j 12:54	0°♏	
superior conj	-2109 Nov 10 j 05:42	1°♏06'52	-1°-8'-47
minimum elong	-2109 Nov 09 j 22:14	0°♏37'11	1°07'59
evening rise	-2109 Nov 24 j 17:08	24°♏42'15	
	-2109 Nov 27 j 21:25	0°♐	
evening max el	-2109 Dec 13 j 22:59	23°♐58'39	18°27'15
asc. node	-2109 Dec 15 j 18:03	25°♐36'48	
retrograde	-2109 Dec 20 j 12:55	27°♐36'04	
evening set	-2109 Dec 23 j 11:05	26°♐49'10	
inferior conj	-2109 Dec 29 j 11:37	21°♐16'13	3°36'51
minimum elong	-2109 Dec 29 j 09:07	21°♐23'27	3°36'23
min. Earth dist.	-2109 Dec 31 j 14:31	18°♐49'23	0.64250 AU
morning rise	-2108 Jan 04 j 05:45	15°♐11'45	
direct	-2108 Jan 11 j 03:13	12°♐21'19	
morning max el	-2108 Jan 24 j 15:47	20°♐07'06	27°24'45
desc. node	-2108 Jan 25 j 21:22	21°♐22'40	
	-2108 Feb 02 j 04:35	0°♑	
	-2108 Feb 21 j 13:24	0°♒	
morning set	-2108 Feb 28 j 17:37	13°♒27'19	
max. Earth dist.	-2108 Mar 04 j 16:39	23°♒28'54	1.33625 AU
superior conj	-2108 Mar 07 j 17:28	29°♒51'05	0°-50'-25
minimum elong	-2108 Mar 07 j 19:46	0°♓03'15	0°50'01
	-2108 Mar 07 j 19:09	0°♓	
asc. node	-2108 Mar 12 j 17:26	10°♓31'08	
evening rise	-2108 Mar 15 j 00:11	15°♓20'37	
	-2108 Mar 22 j 10:21	0°♈	
evening max el	-2108 Apr 05 j 12:36	19°♈49'15	22°23'23
retrograde	-2108 Apr 18 j 11:11	26°♈09'29	
evening set	-2108 Apr 21 j 10:20	25°♈50'10	
desc. node	-2108 Apr 22 j 20:28	25°♈27'56	
min. Earth dist.	-2108 Apr 29 j 20:30	22°♈11'23	0.55294 AU
inferior conj	-2108 Apr 30 j 18:35	21°♈40'03	-2°-9'-42
minimum elong	-2108 Apr 30 j 13:00	21°♈47'58	2°07'56
morning rise	-2108 May 09 j 17:41	17°♈44'22	
direct	-2108 May 12 j 11:19	17°♈27'16	
morning max el	-2108 May 24 j 00:47	22°♈51'48	21°07'51
	-2108 May 30 j 04:25	0°♉	
asc. node	-2108 Jun 08 j 16:47	16°♉01'16	
morning set	-2108 Jun 12 j 17:28	24°♉05'56	
	-2108 Jun 15 j 13:39	0°♊	
superior conj	-2108 Jun 20 j 05:50	9°♊44'07	1°35'52
minimum elong	-2108 Jun 20 j 03:31	9°♊32'12	1°35'41
max. Earth dist.	-2108 Jun 24 j 09:26	18°♊09'09	1.35446 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening rise	-2108 Jun 28 j 18:33	26°♊38'53	
	-2108 Jun 30 j 13:37	0°♋	
	-2108 Jul 18 j 21:32	0°♌	
desc. node	-2108 Jul 19 j 19:42	1°♌18'46	
evening max el	-2108 Aug 03 j 05:00	18°♌46'27	26°34'47
retrograde	-2108 Aug 16 j 02:31	26°♌01'35	
evening set	-2108 Aug 22 j 16:15	23°♌18'16	
min. Earth dist.	-2108 Aug 26 j 17:44	19°♌04'07	0.65984 AU
inferior conj	-2108 Aug 28 j 08:46	17°♌06'15	-2°-21'-39
minimum elong	-2108 Aug 28 j 12:07	16°♌56'09	2°20'26
morning rise	-2108 Sep 03 j 09:02	11°♌18'32	
asc. node	-2108 Sep 04 j 15:56	10°♌45'08	
direct	-2108 Sep 06 j 07:39	10°♌29'38	
morning max el	-2108 Sep 13 j 00:58	14°♌13'29	18°37'38
	-2108 Sep 24 j 11:20	0°♍	
morning set	-2108 Oct 03 j 10:42	14°♍20'06	
	-2108 Oct 13 j 06:36	0°♎	
desc. node	-2108 Oct 15 j 19:06	3°♎58'59	
superior conj	-2108 Oct 19 j 06:25	9°♎27'14	0°-22'-14
minimum elong	-2108 Oct 19 j 03:28	9°♎15'38	0°21'52
max. Earth dist.	-2108 Oct 19 j 18:19	10°♎14'04	1.44926 AU
	-2108 Nov 01 j 07:04	0°♏	
evening rise	-2108 Nov 04 j 09:06	4°♏53'58	
	-2108 Nov 20 j 12:03	0°♐	
evening max el	-2108 Nov 26 j 09:25	7°♐24'26	19°02'31
asc. node	-2108 Dec 01 j 15:05	11°♐05'18	
retrograde	-2108 Dec 03 j 07:31	11°♐21'06	
evening set	-2108 Dec 06 j 11:44	10°♐22'47	
inferior conj	-2108 Dec 12 j 05:43	4°♐33'18	3°06'15
minimum elong	-2108 Dec 12 j 02:44	4°♐42'38	3°05'27
min. Earth dist.	-2108 Dec 13 j 17:53	2°♐40'16	0.65601 AU
	-2108 Dec 16 j 00:57	30°℞♏	
morning rise	-2108 Dec 17 j 16:48	28°♏22'42	
direct	-2108 Dec 24 j 04:22	25°♏34'20	
	-2107 Jan 02 j 16:06	0°♐	
morning max el	-2107 Jan 06 j 01:18	3°♐06'34	26°34'19
desc. node	-2107 Jan 11 j 18:24	9°♐27'52	
	-2107 Jan 26 j 11:25	0°♑	
morning set	-2107 Feb 11 j 00:44	26°♑47'10	
	-2107 Feb 12 j 17:07	0°♒	
max. Earth dist.	-2107 Feb 15 j 07:07	5°♒03'11	1.34837 AU
superior conj	-2107 Feb 19 j 17:34	14°♒01'58	-1°-14'-40
minimum elong	-2107 Feb 19 j 20:44	14°♒18'21	1°14'13
evening rise	-2107 Feb 27 j 09:04	29°♒57'25	
	-2107 Feb 27 j 09:34	0°♓	
asc. node	-2107 Feb 27 j 14:27	0°♓25'15	
	-2107 Mar 17 j 16:56	0°♈	
evening max el	-2107 Mar 18 j 13:26	0°♈50'46	20°56'19
retrograde	-2107 Mar 30 j 00:17	6°♈20'31	
evening set	-2107 Apr 01 j 08:04	6°♈07'49	
desc. node	-2107 Apr 09 j 17:30	2°♈38'14	
inferior conj	-2107 Apr 10 j 13:19	2°♈10'09	0°-13'-57
minimum elong	-2107 Apr 10 j 12:39	2°♈11'05	0°13'44
transit middle	-2107 Apr 10 j 12:39	2°♈11'05	0°13'44
transit begin	-2107 Apr 10 j 10:37	2°♈13'59	
transit end	-2107 Apr 10 j 14:41	2°♈08'11	
min. Earth dist.	-2107 Apr 11 j 10:14	1°♈40'23	0.55134 AU
	-2107 Apr 14 j 12:15	30°℞♓	
morning rise	-2107 Apr 19 j 16:14	28°♓01'45	
direct	-2107 Apr 22 j 22:52	27°♓38'27	
	-2107 Apr 30 j 20:56	0°♈	
morning max el	-2107 May 05 j 23:25	3°♈55'20	22°41'26
	-2107 May 23 j 17:04	0°♉	
asc. node	-2107 May 26 j 13:50	5°♉43'08	
morning set	-2107 May 28 j 04:07	9°♉00'54	
superior conj	-2107 Jun 04 j 09:36	24°♉22'14	1°20'51
minimum elong	-2107 Jun 04 j 07:01	24°♉08'28	1°20'31
max. Earth dist.	-2107 Jun 07 j 05:14	0°♊17'37	1.34151 AU
	-2107 Jun 07 j 01:50	0°♊	
evening rise	-2107 Jun 12 j 05:46	10°♊27'40	
	-2107 Jun 22 j 23:01	0°♋	
desc. node	-2107 Jul 06 j 16:44	20°♋38'48	
	-2107 Jul 14 j 13:06	0°♌	
evening max el	-2107 Jul 16 j 16:42	2°♌09'53	27°13'56
retrograde	-2107 Jul 30 j 02:16	9°♌30'33	
evening set	-2107 Aug 06 j 02:25	6°♌44'58	
min. Earth dist.	-2107 Aug 09 j 21:01	3°♌08'20	0.64763 AU
inferior conj	-2107 Aug 12 j 01:21	0°♌43'25	-3°-10'-44
minimum elong	-2107 Aug 12 j 05:28	0°♌31'58	3°09'29
	-2107 Aug 12 j 17:05	30°℞♋	
morning rise	-2107 Aug 18 j 10:04	25°♋10'51	
direct	-2107 Aug 21 j 02:43	24°♋32'28	
asc. node	-2107 Aug 22 j 13:01	24°♋43'18	
morning max el	-2107 Aug 27 j 15:05	28°♋02'26	18°07'29
	-2107 Aug 29 j 09:43	0°♌	
morning set	-2107 Sep 14 j 15:04	25°♌19'16	
	-2107 Sep 17 j 10:15	0°♍	
superior conj	-2107 Sep 28 j 12:22	18°♍07'27	0°26'43
minimum elong	-2107 Sep 28 j 15:31	18°♍20'04	0°26'18
max. Earth dist.	-2107 Oct 02 j 12:50	24°♍31'33	1.44612 AU
desc. node	-2107 Oct 02 j 16:07	24°♍44'33	
	-2107 Oct 06 j 00:10	0°♎	
evening rise	-2107 Oct 15 j 02:25	14°♎10'10	
	-2107 Oct 25 j 09:45	0°♏	
greatest brilliancy	-2107 Nov 02 j 04:49	11°♏29'50	-0.6m
evening max el	-2107 Nov 09 j 15:41	20°♏51'35	19°53'44
retrograde	-2107 Nov 17 j 04:34	25°♏15'48	
asc. node	-2107 Nov 18 j 12:09	25°♏05'50	
evening set	-2107 Nov 20 j 16:49	24°♏03'51	
inferior conj	-2107 Nov 26 j 06:11	18°♏00'48	2°26'40
minimum elong	-2107 Nov 26 j 03:23	18°♏10'04	2°25'43
min. Earth dist.	-2107 Nov 27 j 04:58	16°♏45'24	0.66580 AU
morning rise	-2107 Dec 01 j 13:19	11°♏46'12	
direct	-2107 Dec 07 j 11:03	9°♏11'00	
morning max el	-2107 Dec 19 j 10:09	16°♏16'46	25°21'56
desc. node	-2107 Dec 29 j 15:26	28°♏24'22	
	-2107 Dec 30 j 19:58	0°♐	
	-2106 Jan 19 j 09:32	0°♑	
morning set	-2106 Jan 24 j 15:25	9°♑12'29	
max. Earth dist.	-2106 Jan 28 j 10:15	16°♑10'59	1.36490 AU
superior conj	-2106 Feb 03 j 08:55	27°♑41'12	-1°-35'-48
minimum elong	-2106 Feb 03 j 12:23	27°♑58'24	1°35'29
	-2106 Feb 04 j 12:46	0°♒	
evening rise	-2106 Feb 11 j 13:29	14°♒14'18	
asc. node	-2106 Feb 14 j 11:29	20°♒03'03	
	-2106 Feb 19 j 20:40	0°♓	
evening max el	-2106 Mar 01 j 00:51	12°♓26'35	19°44'51
retrograde	-2106 Mar 10 j 18:45	17°♓05'33	
evening set	-2106 Mar 13 j 00:09	16°♓52'06	
inferior conj	-2106 Mar 21 j 15:07	12°♓49'19	1°37'27
minimum elong	-2106 Mar 21 j 18:57	12°♓43'18	1°36'14
min. Earth dist.	-2106 Mar 24 j 00:24	11°♓20'03	0.55900 AU
desc. node	-2106 Mar 27 j 14:33	9°♓20'46	
morning rise	-2106 Mar 30 j 10:30	8°♓13'09	
direct	-2106 Apr 03 j 16:47	7°♓32'45	
morning max el	-2106 Apr 17 j 15:22	14°♓31'51	24°21'32
	-2106 Apr 29 j 18:31	0°♈	
morning set	-2106 May 12 j 16:11	24°♈01'36	
asc. node	-2106 May 13 j 10:54	25°♈40'20	
	-2106 May 15 j 11:30	0°♉	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2106 May 19 j 18:00	9°♉14'48	1°01'49
minimum elong	-2106 May 19 j 15:40	9°♉02'10	1°01'26
max. Earth dist.	-2106 May 21 j 10:05	12°♉50'45	1.33227 AU
evening rise	-2106 May 27 j 03:10	24°♉47'42	
	-2106 May 29 j 17:58	0°♊	
	-2106 Jun 16 j 12:24	0°♋	
desc. node	-2106 Jun 23 j 13:46	9°♋13'32	
evening max el	-2106 Jun 29 j 02:43	15°♋10'50	27°24'59
retrograde	-2106 Jul 12 j 20:00	22°♋31'58	
evening set	-2106 Jul 20 j 00:29	19°♋56'06	
min. Earth dist.	-2106 Jul 23 j 14:41	16°♋51'57	0.63172 AU
inferior conj	-2106 Jul 26 j 08:35	14°♋08'00	-3°-52'-35
minimum elong	-2106 Jul 26 j 12:41	13°♋57'47	3°51'43
morning rise	-2106 Aug 02 j 03:03	8°♋53'59	
direct	-2106 Aug 04 j 16:00	8°♋23'19	
asc. node	-2106 Aug 09 j 10:07	10°♋11'36	
morning max el	-2106 Aug 11 j 06:25	11°♋47'52	17°55'06
	-2106 Aug 23 j 13:27	0°♌	
morning set	-2106 Aug 27 j 19:41	7°♌28'06	
superior conj	-2106 Sep 08 j 17:37	27°♌58'18	1°06'35
minimum elong	-2106 Sep 08 j 23:03	28°♌20'59	1°05'58
	-2106 Sep 09 j 22:53	0°♍	
max. Earth dist.	-2106 Sep 15 j 04:43	8°♍34'02	1.43608 AU
desc. node	-2106 Sep 19 j 13:09	15°♍30'26	
evening rise	-2106 Sep 24 j 08:05	22°♍59'36	
	-2106 Sep 28 j 21:36	0°♎	
greatest brilliancy	-2106 Oct 18 j 03:16	27°♎47'23	-0.5m
	-2106 Oct 19 j 21:16	0°♏	
evening max el	-2106 Oct 23 j 16:17	4°♏18'48	20°58'34
retrograde	-2106 Nov 01 j 01:54	9°♏17'34	
evening set	-2106 Nov 05 j 00:16	7°♏49'40	
asc. node	-2106 Nov 05 j 09:13	7°♏32'05	
inferior conj	-2106 Nov 10 j 10:41	1°♏36'27	1°40'43
minimum elong	-2106 Nov 10 j 08:32	1°♏43'46	1°39'52
min. Earth dist.	-2106 Nov 10 j 21:40	0°♏58'52	0.67205 AU
	-2106 Nov 11 j 15:00	30°℞♎	
morning rise	-2106 Nov 15 j 16:26	25°♎20'08	
direct	-2106 Nov 20 j 22:47	23°♎04'28	
morning max el	-2106 Dec 01 j 18:54	29°♎32'10	23°57'23
	-2106 Dec 02 j 05:48	0°♏	
desc. node	-2106 Dec 16 j 12:30	17°♏57'41	
	-2106 Dec 24 j 16:33	0°♐	
morning set	-2105 Jan 06 j 07:40	20°♐27'43	
max. Earth dist.	-2105 Jan 10 j 06:22	27°♐21'11	1.38479 AU
	-2105 Jan 11 j 17:49	0°♑	
superior conj	-2105 Jan 17 j 11:55	10°♑39'12	-1°-51'-26
minimum elong	-2105 Jan 17 j 14:35	10°♑51'50	1°51'20
evening rise	-2105 Jan 26 j 11:06	28°♑04'58	
	-2105 Jan 27 j 10:39	0°♒	
asc. node	-2105 Feb 01 j 08:31	9°♒18'43	
evening max el	-2105 Feb 11 j 22:29	24°♒38'09	18°52'33
retrograde	-2105 Feb 20 j 05:08	28°♒37'42	
evening set	-2105 Feb 22 j 13:28	28°♒19'44	
inferior conj	-2105 Mar 02 j 10:42	24°♒00'46	2°58'37
minimum elong	-2105 Mar 02 j 15:14	23°♒52'31	2°57'33
min. Earth dist.	-2105 Mar 05 j 16:29	21°♒40'57	0.57420 AU
morning rise	-2105 Mar 10 j 13:01	18°♒53'10	
desc. node	-2105 Mar 14 j 11:37	17°♒47'14	
direct	-2105 Mar 15 j 23:39	17°♒41'44	
morning max el	-2105 Mar 30 j 06:44	25°♒07'52	25°53'58
	-2105 Apr 03 j 19:02	0°♓	
	-2105 Apr 22 j 17:21	0°♈	
morning set	-2105 Apr 27 j 03:57	9°♈01'38	
asc. node	-2105 Apr 30 j 07:56	15°♈47'11	

superior conj	-2105 May 04 j 04:57	24°♈14'26	0°39'48
minimum elong	-2105 May 04 j 03:17	24°♈05'20	0°39'30
max. Earth dist.	-2105 May 04 j 20:48	25°♈41'04	1.32666 AU
	-2105 May 06 j 20:25	0°♉	
evening rise	-2105 May 11 j 07:31	9°♉28'12	
	-2105 May 22 j 02:26	0°♊	
desc. node	-2105 Jun 10 j 10:48	26°♊43'24	
evening max el	-2105 Jun 11 j 08:24	27°♊36'06	27°03'46
	-2105 Jun 14 j 01:29	0°♋	
retrograde	-2105 Jun 25 j 07:02	4°♋55'47	
evening set	-2105 Jul 02 j 06:16	2°♋43'51	
	-2105 Jul 05 j 22:24	30°℞♊	
min. Earth dist.	-2105 Jul 05 j 22:10	0°♋00'28	0.61270 AU
inferior conj	-2105 Jul 09 j 03:11	27°♊11'32	-4°-22'-4
minimum elong	-2105 Jul 09 j 05:53	27°♊05'35	4°21'46
morning rise	-2105 Jul 16 j 08:26	22°♊18'53	
direct	-2105 Jul 18 j 19:48	21°♊53'44	
morning max el	-2105 Jul 25 j 20:04	25°♊22'14	18°01'18
asc. node	-2105 Jul 27 j 07:12	26°♊54'57	
	-2105 Jul 29 j 17:39	0°♋	
morning set	-2105 Aug 10 j 18:42	20°♋29'33	
	-2105 Aug 15 j 23:08	0°♌	
superior conj	-2105 Aug 21 j 02:20	9°♌10'33	1°32'44
minimum elong	-2105 Aug 21 j 06:31	9°♌28'53	1°32'26
max. Earth dist.	-2105 Aug 28 j 14:55	22°♌01'35	1.42051 AU
	-2105 Sep 02 j 12:08	0°♍	
evening rise	-2105 Sep 03 j 20:36	2°♍09'44	
desc. node	-2105 Sep 06 j 10:11	6°♍12'41	
	-2105 Sep 22 j 09:10	0°♎	
greatest brilliancy	-2105 Oct 01 j 17:09	12°♎24'54	-0.3m
evening max el	-2105 Oct 06 j 10:51	17°♎45'35	22°13'40
retrograde	-2105 Oct 15 j 21:40	23°♎22'51	
evening set	-2105 Oct 20 j 08:11	21°♎37'07	
asc. node	-2105 Oct 23 j 06:17	18°♎34'22	
inferior conj	-2105 Oct 25 j 17:12	15°♎17'28	0°50'19
minimum elong	-2105 Oct 25 j 16:03	15°♎21'26	0°49'48
min. Earth dist.	-2105 Oct 25 j 17:33	15°♎16'16	0.67500 AU
morning rise	-2105 Oct 30 j 23:46	9°♎02'00	
direct	-2105 Nov 04 j 14:54	7°♎08'20	
morning max el	-2105 Nov 14 j 05:56	12°♎51'29	22°30'24
greatest brilliancy	-2105 Nov 18 j 21:58	18°♎06'16	-0.3m
	-2105 Nov 27 j 21:21	0°♏	
desc. node	-2105 Dec 03 j 09:34	7°♏57'04	
morning set	-2105 Dec 17 j 19:55	0°♐20'10	
	-2105 Dec 17 j 14:58	0°♐	
max. Earth dist.	-2105 Dec 23 j 02:54	9°♐07'36	1.40570 AU
superior conj	-2105 Dec 30 j 21:50	22°♐44'17	-1°-58'-18
minimum elong	-2105 Dec 30 j 22:04	22°♐45'22	1°58'22
	-2104 Jan 03 j 21:15	0°♑	
evening rise	-2104 Jan 09 j 22:53	11°♑22'23	
asc. node	-2104 Jan 19 j 05:32	28°♑05'10	
	-2104 Jan 20 j 10:33	0°♒	
evening max el	-2104 Jan 26 j 04:03	7°♒19'56	18°20'22
retrograde	-2104 Feb 02 j 10:02	10°♒55'31	
evening set	-2104 Feb 04 j 22:09	10°♒30'53	
inferior conj	-2104 Feb 12 j 03:06	5°♒51'08	3°43'13
minimum elong	-2104 Feb 12 j 05:38	5°♒45'48	3°42'52
min. Earth dist.	-2104 Feb 15 j 12:43	3°♒00'19	0.59379 AU
morning rise	-2104 Feb 19 j 09:39	0°♒19'13	
	-2104 Feb 19 j 23:55	30°℞♑	
direct	-2104 Feb 25 j 19:42	28°♑29'00	
desc. node	-2104 Feb 29 j 08:41	29°♑01'15	
	-2104 Mar 02 j 20:26	0°♒	
morning max el	-2104 Mar 11 j 02:27	6°♒09'22	27°03'44
	-2104 Mar 28 j 20:44	0°♓	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning set	-2104 Apr 10 j 13:44	23°♓54'50	
	-2104 Apr 13 j 10:43	0°♈	
asc. node	-2104 Apr 16 j 04:58	5°♈59'14	
superior conj	-2104 Apr 17 j 16:44	9°♈15'03	0°15'40
minimum elong	-2104 Apr 17 j 16:02	9°♈11'13	0°15'32
behind sun begin	-2104 Apr 17 j 15:10	9°♈06'25	
behind sun end	-2104 Apr 17 j 16:55	9°♈16'00	
max. Earth dist.	-2104 Apr 17 j 09:54	8°♈37'33	1.32458 AU
evening rise	-2104 Apr 24 j 16:20	24°♈20'53	
	-2104 Apr 27 j 10:13	0°♉	
	-2104 May 15 j 05:39	0°♊	
evening max el	-2104 May 23 j 08:02	9°♊18'54	26°10'22
desc. node	-2104 May 27 j 07:48	12°♊41'29	
retrograde	-2104 Jun 06 j 09:51	16°♊34'46	
evening set	-2104 Jun 12 j 15:29	14°♊58'48	
min. Earth dist.	-2104 Jun 16 j 20:56	12°♊19'06	0.59220 AU
inferior conj	-2104 Jun 20 j 05:32	9°♊45'23	-4°-31'-12
minimum elong	-2104 Jun 20 j 05:07	9°♊46'12	4°31'09
morning rise	-2104 Jun 27 j 22:24	5°♊15'01	
direct	-2104 Jun 30 j 09:48	4°♊53'53	
morning max el	-2104 Jul 08 j 05:03	8°♊37'31	18°27'10
asc. node	-2104 Jul 13 j 04:16	14°♊38'17	
	-2104 Jul 22 j 02:29	0°♋	
morning set	-2104 Jul 24 j 07:12	4°♋11'16	
superior conj	-2104 Aug 02 j 10:42	21°♋33'35	1°45'46
minimum elong	-2104 Aug 02 j 12:26	21°♋41'38	1°45'45
	-2104 Aug 07 j 02:21	0°♌	
max. Earth dist.	-2104 Aug 09 j 19:29	4°♌45'48	1.40162 AU
evening rise	-2104 Aug 14 j 07:01	12°♌22'23	
desc. node	-2104 Aug 23 j 07:10	26°♌47'41	
	-2104 Aug 25 j 09:31	0°♍	
	-2104 Sep 16 j 19:53	0°♎	
evening max el	-2104 Sep 18 j 00:44	1°♎14'13	23°33'56
retrograde	-2104 Sep 28 j 14:23	7°♎28'46	
evening set	-2104 Oct 03 j 14:51	5°♎24'10	
	-2104 Oct 08 j 06:58	30°℞♍	
inferior conj	-2104 Oct 08 j 23:57	29°♍01'57	0°-2'-56
minimum elong	-2104 Oct 09 j 00:01	29°♍01'43	0°02'56
transit middle	-2104 Oct 09 j 00:01	29°♍01'43	0°02'56
transit begin	-2104 Oct 08 j 21:21	29°♍10'51	
transit end	-2104 Oct 09 j 02:41	28°♍52'36	
min. Earth dist.	-2104 Oct 08 j 14:04	29°♍35'43	0.67490 AU
asc. node	-2104 Oct 09 j 03:22	28°♍50'14	
morning rise	-2104 Oct 14 j 09:16	22°♍50'16	
direct	-2104 Oct 18 j 10:29	21°♍18'10	
morning max el	-2104 Oct 26 j 22:27	26°♍17'35	21°08'59
	-2104 Oct 30 j 06:21	0°♎	
greatest brilliancy	-2104 Nov 01 j 09:47	2°♎39'22	-0.5m
desc. node	-2104 Nov 19 j 06:35	28°♎14'39	
	-2104 Nov 20 j 10:14	0°♏	
morning set	-2104 Nov 26 j 04:50	8°♏56'13	
max. Earth dist.	-2104 Dec 04 j 05:51	21°♏48'10	1.42484 AU
	-2104 Dec 09 j 04:31	0°♐	
superior conj	-2104 Dec 11 j 09:01	3°♐42'21	-1°-52'-21
minimum elong	-2104 Dec 11 j 05:13	3°♐26'14	1°52'15
evening rise	-2104 Dec 22 j 21:05	23°♐57'45	
	-2104 Dec 26 j 05:42	0°♑	
asc. node	-2103 Jan 05 j 02:34	16°♑12'38	
evening max el	-2103 Jan 08 j 14:34	20°♑22'38	18°08'01
retrograde	-2103 Jan 15 j 06:51	23°♑49'05	
evening set	-2103 Jan 17 j 22:34	23°♑16'33	
inferior conj	-2103 Jan 24 j 14:11	18°♑14'56	3°57'13
minimum elong	-2103 Jan 24 j 14:12	18°♑14'56	3°57'10
min. Earth dist.	-2103 Jan 27 j 15:38	15°♑17'55	0.61436 AU
morning rise	-2103 Jan 31 j 03:21	12°♑26'44	
direct	-2103 Feb 07 j 02:07	10°♑02'33	
desc. node	-2103 Feb 15 j 05:45	12°♑53'49	
morning max el	-2103 Feb 21 j 04:14	17°♑49'03	27°40'23
	-2103 Mar 03 j 09:21	0°♒	
	-2103 Mar 21 j 12:23	0°♓	
morning set	-2103 Mar 25 j 19:33	8°♓33'13	
max. Earth dist.	-2103 Mar 31 j 21:32	21°♓25'57	1.32609 AU
superior conj	-2103 Apr 02 j 03:37	24°♓09'29	0°-9'-48
minimum elong	-2103 Apr 02 j 04:04	24°♓11'56	0°09'43
behind sun begin	-2103 Apr 02 j 00:02	23°♓49'56	
behind sun end	-2103 Apr 02 j 08:06	24°♓33'57	
asc. node	-2103 Apr 03 j 01:58	26°♓11'24	
	-2103 Apr 04 j 19:52	0°♈	
evening rise	-2103 Apr 09 j 03:30	9°♈17'18	
	-2103 Apr 19 j 22:07	0°♉	
evening max el	-2103 May 05 j 01:40	20°♉21'06	24°50'51
desc. node	-2103 May 14 j 04:50	26°♉32'10	
retrograde	-2103 May 19 j 01:41	27°♉26'48	
evening set	-2103 May 24 j 02:12	26°♉29'21	
min. Earth dist.	-2103 May 29 j 13:36	23°♉36'46	0.57287 AU
inferior conj	-2103 Jun 01 j 12:27	21°♉39'38	-4°-8'-55
minimum elong	-2103 Jun 01 j 07:56	21°♉47'09	4°08'15
morning rise	-2103 Jun 09 j 17:38	17°♉29'47	
direct	-2103 Jun 12 j 06:11	17°♉11'31	
morning max el	-2103 Jun 21 j 06:21	21°♉23'26	19°13'40
	-2103 Jun 28 j 02:57	0°♊	
asc. node	-2103 Jun 30 j 01:19	3°♊07'28	
morning set	-2103 Jul 08 j 05:16	18°♊23'03	
	-2103 Jul 14 j 01:26	0°♋	
superior conj	-2103 Jul 16 j 12:54	4°♋51'10	1°48'06
minimum elong	-2103 Jul 16 j 12:29	4°♋49'08	1°48'09
max. Earth dist.	-2103 Jul 22 j 21:55	16°♋52'31	1.38184 AU
evening rise	-2103 Jul 26 j 19:02	23°♋49'08	
	-2103 Jul 30 j 09:20	0°♌	
desc. node	-2103 Aug 10 j 04:09	17°♌11'05	
	-2103 Aug 19 j 03:21	0°♍	
evening max el	-2103 Aug 31 j 12:15	14°♍46'46	24°52'38
retrograde	-2103 Sep 12 j 03:03	21°♍32'14	
evening set	-2103 Sep 17 j 18:32	19°♍09'23	
min. Earth dist.	-2103 Sep 22 j 08:48	13°♍56'00	0.67171 AU
inferior conj	-2103 Sep 23 j 05:13	12°♍48'23	0°-57'-26
minimum elong	-2103 Sep 23 j 06:37	12°♍43'47	0°56'50
asc. node	-2103 Sep 26 j 00:27	9°♍17'28	
morning rise	-2103 Sep 28 j 19:05	6°♍43'38	
direct	-2103 Oct 02 j 08:16	5°♍30'53	
morning max el	-2103 Oct 09 j 22:25	9°♍53'28	19°58'42
greatest brilliancy	-2103 Oct 17 j 08:48	19°♍04'33	-0.6m
	-2103 Oct 24 j 21:11	0°♎	
morning set	-2103 Nov 05 j 02:03	17°♎06'17	
desc. node	-2103 Nov 06 j 03:35	18°♎45'12	
	-2103 Nov 13 j 08:10	0°♏	
max. Earth dist.	-2103 Nov 16 j 16:46	5°♏19'47	1.43949 AU
superior conj	-2103 Nov 21 j 17:11	13°♏24'39	-1°-29'-47
minimum elong	-2103 Nov 21 j 09:50	12°♏54'48	1°29'09
	-2103 Dec 01 j 16:49	0°♐	
evening rise	-2103 Dec 05 j 01:22	5°♐43'12	
	-2103 Dec 20 j 00:55	0°♑	
asc. node	-2103 Dec 22 j 23:37	3°♑29'45	
evening max el	-2103 Dec 23 j 03:06	3°♑38'40	18°14'53
retrograde	-2103 Dec 29 j 15:25	7°♑08'51	
evening set	-2102 Jan 01 j 10:59	6°♑27'27	
inferior conj	-2102 Jan 07 j 16:15	1°♑05'03	3°48'58
minimum elong	-2102 Jan 07 j 14:24	1°♑10'06	3°48'43

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2102 Jan 08 j 15:58	30°℞♐	
min. Earth dist.	-2102 Jan 10 j 03:45	28°♐23'12	0.63316 AU
morning rise	-2102 Jan 13 j 16:09	25°♐05'40	
direct	-2102 Jan 20 j 16:35	22°♐20'42	
desc. node	-2102 Feb 02 j 02:49	28°♐50'27	
	-2102 Feb 03 j 07:55	0°♑	
morning max el	-2102 Feb 03 j 11:09	0°♑07'58	27°40'26
	-2102 Feb 25 j 08:46	0°♒	
morning set	-2102 Mar 09 j 19:06	22°♒49'13	
	-2102 Mar 13 j 07:28	0°♓	
max. Earth dist.	-2102 Mar 15 j 03:58	3°♓53'39	1.33143 AU
superior conj	-2102 Mar 17 j 11:55	8°♓52'04	0°-35'-42
minimum elong	-2102 Mar 17 j 13:34	9°♓00'55	0°35'24
asc. node	-2102 Mar 20 j 22:58	16°♓19'53	
evening rise	-2102 Mar 24 j 15:13	24°♓11'08	
	-2102 Mar 27 j 10:44	0°♈	
	-2102 Apr 15 j 16:30	0°♉	
evening max el	-2102 Apr 16 j 16:58	1°♉00'43	23°17'26
retrograde	-2102 Apr 30 j 04:48	7°♉42'52	
desc. node	-2102 May 01 j 01:54	7°♉41'08	
evening set	-2102 May 03 j 20:12	7°♉13'49	
min. Earth dist.	-2102 May 11 j 03:16	3°♉55'40	0.55813 AU
inferior conj	-2102 May 12 j 23:33	2°♉50'33	-3°-5'-9
minimum elong	-2102 May 12 j 16:58	3°♉00'16	3°03'25
	-2102 May 18 j 07:50	30°℞♈	
morning rise	-2102 May 21 j 16:58	28°♈54'07	
direct	-2102 May 24 j 07:52	28°♈37'22	
	-2102 May 29 j 22:52	0°♉	
morning max el	-2102 Jun 03 j 21:39	3°♉31'38	20°20'47
asc. node	-2102 Jun 16 j 22:21	22°♉11'31	
	-2102 Jun 20 j 22:59	0°♊	
morning set	-2102 Jun 22 j 09:59	2°♊56'48	
superior conj	-2102 Jun 30 j 03:58	18°♊48'58	1°42'12
minimum elong	-2102 Jun 30 j 02:07	18°♊39'40	1°42'07
max. Earth dist.	-2102 Jul 05 j 03:43	28°♊41'18	1.36356 AU
	-2102 Jul 05 j 20:05	0°♋	
evening rise	-2102 Jul 09 j 05:22	6°♋21'44	
	-2102 Jul 23 j 04:41	0°♌	
desc. node	-2102 Jul 28 j 01:10	7°♌16'42	
evening max el	-2102 Aug 13 j 23:24	28°♌20'50	26°02'06
	-2102 Aug 15 j 17:53	0°♍	
retrograde	-2102 Aug 26 j 11:04	5°♍27'55	
evening set	-2102 Sep 01 j 17:20	2°♍50'03	
	-2102 Sep 04 j 12:09	30°℞♌	
min. Earth dist.	-2102 Sep 05 j 23:14	28°♌14'12	0.66520 AU
inferior conj	-2102 Sep 07 j 07:12	26°♌33'53	-1°-51'-30
minimum elong	-2102 Sep 07 j 09:53	26°♌25'27	1°50'25
asc. node	-2102 Sep 12 j 21:31	20°♌48'09	
morning rise	-2102 Sep 13 j 03:15	20°♌39'16	
direct	-2102 Sep 16 j 06:32	19°♌42'41	
morning max el	-2102 Sep 23 j 05:30	23°♌37'49	19°02'43
	-2102 Sep 28 j 11:07	0°♍	
morning set	-2102 Oct 15 j 11:42	25°♍59'15	
	-2102 Oct 18 j 00:56	0°♎	
desc. node	-2102 Oct 24 j 00:35	9°♎24'12	
max. Earth dist.	-2102 Oct 30 j 09:15	19°♎24'28	1.44778 AU
superior conj	-2102 Nov 01 j 01:07	22°♎01'48	0°-50'-11
minimum elong	-2102 Oct 31 j 18:56	21°♎37'24	0°49'26
	-2102 Nov 06 j 01:41	0°♏	
evening rise	-2102 Nov 16 j 07:25	16°♏30'29	
	-2102 Nov 24 j 14:19	0°♐	
evening max el	-2102 Dec 06 j 14:56	17°♐01'31	18°40'07
asc. node	-2102 Dec 09 j 20:41	19°♐42'03	
retrograde	-2102 Dec 13 j 07:27	20°♐46'07	
evening set	-2102 Dec 16 j 08:01	19°♐54'29	
inferior conj	-2102 Dec 22 j 05:28	14°♐13'50	3°25'09
minimum elong	-2102 Dec 22 j 02:40	14°♐22'14	3°24'32
min. Earth dist.	-2102 Dec 24 j 01:51	12°♐00'52	0.64872 AU
morning rise	-2102 Dec 27 j 20:11	8°♐06'24	
direct	-2101 Jan 03 j 13:55	5°♐15'37	
morning max el	-2101 Jan 16 j 20:43	12°♐56'47	27°06'35
desc. node	-2101 Jan 19 j 23:52	16°♐16'19	
	-2101 Jan 30 j 15:38	0°♑	
	-2101 Feb 17 j 22:20	0°♒	
morning set	-2101 Feb 21 j 09:21	6°♒33'00	
max. Earth dist.	-2101 Feb 26 j 01:20	15°♒49'26	1.34089 AU
superior conj	-2101 Mar 01 j 15:40	23°♒16'20	-1°00'-58
minimum elong	-2101 Mar 01 j 18:23	23°♒30'36	1°00'32
	-2101 Mar 04 j 20:05	0°♓	
asc. node	-2101 Mar 07 j 20:01	6°♓20'34	
evening rise	-2101 Mar 09 j 01:40	8°♓55'54	
	-2101 Mar 20 j 07:31	0°♈	
evening max el	-2101 Mar 29 j 12:34	11°♈46'46	21°44'44
retrograde	-2101 Apr 10 j 21:25	17°♈47'15	
evening set	-2101 Apr 13 j 12:07	17°♈31'54	
desc. node	-2101 Apr 17 j 22:56	16°♈03'22	
inferior conj	-2101 Apr 22 j 20:48	13°♈28'46	-1°-22'-16
minimum elong	-2101 Apr 22 j 17:00	13°♈34'06	1°20'58
min. Earth dist.	-2101 Apr 22 j 16:41	13°♈34'33	0.55106 AU
morning rise	-2101 May 01 j 22:47	9°♈30'22	
direct	-2101 May 04 j 20:27	9°♈11'46	
morning max el	-2101 May 17 j 02:10	14°♈58'33	21°46'19
	-2101 May 28 j 11:22	0°♉	
asc. node	-2101 Jun 03 j 19:23	11°♉41'53	
morning set	-2101 Jun 06 j 19:03	17°♉46'14	
	-2101 Jun 12 j 14:42	0°♊	
superior conj	-2101 Jun 14 j 04:02	3°♊15'48	1°30'04
minimum elong	-2101 Jun 14 j 01:32	3°♊02'43	1°29'49
max. Earth dist.	-2101 Jun 17 j 17:44	10°♊37'27	1.34842 AU
evening rise	-2101 Jun 22 j 08:56	19°♊47'06	
	-2101 Jun 27 j 21:07	0°♋	
desc. node	-2101 Jul 14 j 22:13	26°♋56'45	
	-2101 Jul 17 j 04:43	0°♌	
evening max el	-2101 Jul 27 j 10:55	11°♌50'34	26°54'25
retrograde	-2101 Aug 09 j 14:07	19°♌09'25	
evening set	-2101 Aug 16 j 08:57	16°♌23'27	
min. Earth dist.	-2101 Aug 20 j 07:11	12°♌25'52	0.65511 AU
inferior conj	-2101 Aug 22 j 03:54	10°♌15'30	-2°-43'-6
minimum elong	-2101 Aug 22 j 07:38	10°♌04'34	2°41'50
morning rise	-2101 Aug 28 j 07:37	4°♌34'08	
asc. node	-2101 Aug 30 j 18:35	3°♌50'56	
direct	-2101 Aug 31 j 03:22	3°♌50'12	
morning max el	-2101 Sep 06 j 17:50	7°♌27'03	18°22'46
	-2101 Sep 22 j 04:59	0°♍	
morning set	-2101 Sep 25 j 23:57	6°♍11'39	
desc. node	-2101 Oct 10 j 21:36	0°♎08'21	
	-2101 Oct 10 j 19:29	0°♎	
superior conj	-2101 Oct 11 j 01:17	0°♎22'55	0°00'-59
minimum elong	-2101 Oct 11 j 01:09	0°♎22'22	0°00'59
behind sun begin	-2101 Oct 10 j 13:58	29°♍38'10	
behind sun end	-2101 Oct 11 j 12:20	1°♎06'32	
max. Earth dist.	-2101 Oct 13 j 03:36	3°♎41'21	1.44881 AU
evening rise	-2101 Oct 27 j 13:12	26°♎17'01	
	-2101 Oct 29 j 22:04	0°♏	
greatest brilliancy	-2101 Nov 10 j 13:58	18°♏02'27	-0.7m
	-2101 Nov 19 j 13:15	0°♐	
evening max el	-2101 Nov 19 j 23:45	0°♐27'38	19°22'23
asc. node	-2101 Nov 26 j 17:45	4°♐34'34	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

retrograde	-2101 Nov 27 j 03:33	4°♐35'31	
evening set	-2101 Nov 30 j 10:50	3°♐31'47	
	-2101 Dec 04 j 04:31	30°℞♏	
inferior conj	-2101 Dec 06 j 02:38	27°♏35'57	2°50'23
minimum elong	-2101 Dec 05 j 23:39	27°♏45'31	2°49'30
min. Earth dist.	-2101 Dec 07 j 08:53	25°♏58'38	0.66061 AU
morning rise	-2101 Dec 11 j 11:40	21°♏23'05	
direct	-2101 Dec 17 j 17:33	18°♏39'14	
morning max el	-2101 Dec 30 j 06:16	26°♏02'38	26°05'35
	-2100 Jan 02 j 22:22	0°♐	
desc. node	-2100 Jan 06 j 20:55	4°♐45'26	
	-2100 Jan 24 j 04:51	0°♑	
morning set	-2100 Feb 04 j 10:12	19°♑31'44	
max. Earth dist.	-2100 Feb 08 j 10:46	27°♑09'55	1.35485 AU
	-2100 Feb 09 j 21:35	0°♒	
superior conj	-2100 Feb 13 j 12:26	7°♒14'30	-1°-24'-10
minimum elong	-2100 Feb 13 j 15:50	7°♒31'46	1°23'44
evening rise	-2100 Feb 21 j 08:57	23°♒24'48	
asc. node	-2100 Feb 22 j 17:04	26°♒08'16	
	-2100 Feb 24 j 15:30	0°♓	
evening max el	-2100 Mar 10 j 17:44	23°♓01'51	20°23'44
retrograde	-2100 Mar 21 j 11:31	28°♓09'37	
evening set	-2100 Mar 23 j 16:48	27°♓57'23	
inferior conj	-2100 Apr 01 j 16:54	23°♓59'27	0°35'46
minimum elong	-2100 Apr 01 j 18:30	23°♓57'05	0°35'13
min. Earth dist.	-2100 Apr 03 j 06:51	23°♓03'44	0.55343 AU
desc. node	-2100 Apr 03 j 20:00	22°♓44'44	
morning rise	-2100 Apr 10 j 18:00	19°♓40'09	
direct	-2100 Apr 14 j 09:15	19°♓11'20	
morning max el	-2100 Apr 27 j 21:31	25°♓48'44	23°24'01
	-2100 May 01 j 20:00	0°♈	
	-2100 May 19 j 22:54	0°♉	
asc. node	-2100 May 20 j 16:26	1°♉30'47	
morning set	-2100 May 21 j 06:30	2°♉44'12	
superior conj	-2100 May 28 j 10:05	18°♉01'10	1°13'12
minimum elong	-2100 May 28 j 07:32	17°♉47'33	1°12'51
max. Earth dist.	-2100 May 30 j 17:22	22°♉55'11	1.33706 AU
	-2100 Jun 03 j 03:11	0°♊	
evening rise	-2100 Jun 05 j 00:55	3°♊50'32	
	-2100 Jun 19 j 15:24	0°♋	
desc. node	-2100 Jun 30 j 19:15	15°♋59'25	
evening max el	-2100 Jul 08 j 22:00	25°♋05'17	27°22'22
	-2100 Jul 15 j 01:38	0°♌	
retrograde	-2100 Jul 22 j 11:38	2°♌27'30	
	-2100 Jul 29 j 06:00	30°℞♋	
evening set	-2100 Jul 29 j 14:26	29°♋44'16	
min. Earth dist.	-2100 Aug 02 j 06:37	26°♋22'23	0.64125 AU
inferior conj	-2100 Aug 04 j 16:51	23°♋47'47	-3°-29'-38
minimum elong	-2100 Aug 04 j 21:06	23°♋36'30	3°28'31
morning rise	-2100 Aug 11 j 05:35	18°♋22'48	
direct	-2100 Aug 13 j 20:15	17°♋48'10	
asc. node	-2100 Aug 16 j 15:39	18°♋28'24	
morning max el	-2100 Aug 20 j 08:49	21°♋15'07	17°59'59
	-2100 Aug 27 j 00:41	0°♌	
morning set	-2100 Sep 06 j 15:18	17°♌41'54	
	-2100 Sep 13 j 21:37	0°♍	
superior conj	-2100 Sep 19 j 15:46	9°♍29'24	0°45'09
minimum elong	-2100 Sep 19 j 20:27	9°♍48'27	0°44'34
max. Earth dist.	-2100 Sep 24 j 20:41	17°♍52'03	1.44258 AU
desc. node	-2100 Sep 26 j 18:40	20°♍54'32	
	-2100 Oct 02 j 13:50	0°♎	
evening rise	-2100 Oct 05 j 23:31	5°♎16'16	
	-2100 Oct 22 j 09:15	0°♏	
greatest brilliancy	-2100 Oct 26 j 15:53	6°♏00'24	-0.6m
evening max el	-2100 Nov 02 j 03:44	13°♏55'10	20°19'52
retrograde	-2100 Nov 10 j 00:58	18°♏33'36	
asc. node	-2100 Nov 12 j 14:48	17°♏55'22	
evening set	-2100 Nov 13 j 17:10	17°♏15'20	
inferior conj	-2100 Nov 19 j 05:06	11°♏07'42	2°07'53
minimum elong	-2100 Nov 19 j 02:31	11°♏16'21	2°06'56
min. Earth dist.	-2100 Nov 19 j 22:47	10°♏08'09	0.66885 AU
morning rise	-2100 Nov 24 j 11:20	4°♏51'54	
direct	-2100 Nov 30 j 02:39	2°♏24'08	
morning max el	-2100 Dec 11 j 14:48	9°♏15'28	24°46'49
desc. node	-2100 Dec 23 j 17:59	23°♏59'32	
	-2100 Dec 28 j 00:30	0°♐	
	-2099 Jan 15 j 19:45	0°♑	
morning set	-2099 Jan 16 j 16:14	1°♑30'08	
max. Earth dist.	-2099 Jan 20 j 09:44	8°♑13'07	1.37301 AU
superior conj	-2099 Jan 26 j 23:07	20°♑38'17	-1°-43'-18
minimum elong	-2099 Jan 27 j 02:25	20°♑54'19	1°43'03
	-2099 Jan 31 j 16:39	0°♒	
evening rise	-2099 Feb 04 j 10:51	7°♒31'41	
asc. node	-2099 Feb 08 j 14:07	15°♒37'43	
	-2099 Feb 17 j 04:37	0°♓	
evening max el	-2099 Feb 21 j 09:52	4°♓54'19	19°20'14
retrograde	-2099 Mar 02 j 11:33	9°♓14'16	
evening set	-2099 Mar 04 j 17:56	8°♓59'15	
inferior conj	-2099 Mar 13 j 01:29	4°♓50'57	2°16'20
minimum elong	-2099 Mar 13 j 06:06	4°♓43'18	2°15'00
min. Earth dist.	-2099 Mar 15 j 21:55	2°♓58'10	0.56472 AU
morning rise	-2099 Mar 21 j 14:23	0°♓00'57	
desc. node	-2099 Mar 21 j 17:03	29°♒58'35	
	-2099 Mar 21 j 15:27	30°℞♒	
direct	-2099 Mar 26 j 08:59	29°♒08'37	
	-2099 Mar 31 j 02:06	0°♓	
morning max el	-2099 Apr 09 j 12:23	6°♓21'29	25°02'34
	-2099 Apr 26 j 15:54	0°♈	
morning set	-2099 May 05 j 18:38	17°♈45'02	
asc. node	-2099 May 07 j 13:30	21°♈32'31	
	-2099 May 11 j 11:13	0°♉	
superior conj	-2099 May 12 j 19:48	2°♉57'27	0°52'48
minimum elong	-2099 May 12 j 17:42	2°♉46'03	0°52'26
max. Earth dist.	-2099 May 14 j 01:03	5°♉36'13	1.32949 AU
evening rise	-2099 May 20 j 01:39	18°♉20'32	
	-2099 May 26 j 00:25	0°♊	
	-2099 Jun 14 j 04:02	0°♋	
desc. node	-2099 Jun 17 j 16:15	4°♋09'04	
evening max el	-2099 Jun 21 j 06:39	7°♋52'45	27°20'04
retrograde	-2099 Jul 05 j 02:42	15°♋13'12	
evening set	-2099 Jul 12 j 06:05	12°♋46'09	
min. Earth dist.	-2099 Jul 15 j 20:07	9°♋52'15	0.62393 AU
inferior conj	-2099 Jul 18 j 19:08	7°♋04'17	-4°-7'-3
minimum elong	-2099 Jul 18 j 22:50	6°♋55'29	4°06'25
morning rise	-2099 Jul 25 j 18:02	1°♋58'44	
direct	-2099 Jul 28 j 06:01	1°♋30'40	
asc. node	-2099 Aug 03 j 12:44	4°♋29'54	
morning max el	-2099 Aug 03 j 23:42	4°♋56'00	17°55'19
morning set	-2099 Aug 20 j 04:24	0°♌14'36	
	-2099 Aug 20 j 01:09	0°♌	
superior conj	-2099 Aug 31 j 08:43	19°♌54'16	1°19'24
minimum elong	-2099 Aug 31 j 13:54	20°♌16'24	1°18'54
	-2099 Sep 06 j 09:37	0°♍	
max. Earth dist.	-2099 Sep 07 j 10:16	1°♍40'49	1.43003 AU
desc. node	-2099 Sep 13 j 15:40	11°♍38'57	
evening rise	-2099 Sep 15 j 05:40	14°♍07'53	
	-2099 Sep 25 j 15:35	0°♎	
greatest brilliancy	-2099 Oct 11 j 01:03	21°♎34'32	-0.4m

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening max el	-2099 Oct 16 j 01:50	27°♎22'16	21°29'39
	-2099 Oct 18 j 22:46	0°♏	
retrograde	-2099 Oct 24 j 21:41	2°♏36'44	
evening set	-2099 Oct 29 j 00:59	1°♏01'33	
asc. node	-2099 Oct 30 j 11:51	29°♎42'42	
	-2099 Oct 30 j 04:58	30°℞♎	
inferior conj	-2099 Nov 03 j 10:39	24°♎45'25	1°19'47
minimum elong	-2099 Nov 03 j 08:53	24°♎51'27	1°19'03
min. Earth dist.	-2099 Nov 03 j 17:03	24°♎23'19	0.67370 AU
morning rise	-2099 Nov 08 j 16:29	18°♎29'15	
direct	-2099 Nov 13 j 16:25	16°♎22'36	
morning max el	-2099 Nov 23 j 23:53	22°♎31'16	23°20'11
greatest brilliancy	-2099 Nov 29 j 08:38	28°♎34'10	-0.2m
	-2099 Nov 30 j 12:19	0°♏	
desc. node	-2099 Dec 10 j 15:02	13°♏44'53	
	-2099 Dec 21 j 09:18	0°♐	
morning set	-2099 Dec 28 j 21:01	12°♐10'34	
max. Earth dist.	-2098 Jan 02 j 05:04	19°♐34'58	1.39375 AU
	-2098 Jan 08 j 01:05	0°♑	
superior conj	-2098 Jan 09 j 19:30	3°♑15'31	-1°-55'-39
minimum elong	-2098 Jan 09 j 21:22	3°♑24'09	1°55'38
evening rise	-2098 Jan 19 j 04:39	21°♑08'52	
	-2098 Jan 23 j 20:31	0°♒	
asc. node	-2098 Jan 26 j 11:08	4°♒41'46	
evening max el	-2098 Feb 04 j 11:15	17°♒19'41	18°36'23
retrograde	-2098 Feb 12 j 05:45	21°♒06'46	
evening set	-2098 Feb 14 j 15:54	20°♒45'59	
inferior conj	-2098 Feb 22 j 05:52	16°♒18'19	3°21'45
minimum elong	-2098 Feb 22 j 09:44	16°♒10'49	3°21'01
min. Earth dist.	-2098 Feb 25 j 15:06	13°♒42'42	0.58229 AU
morning rise	-2098 Mar 01 j 23:49	10°♒59'42	
direct	-2098 Mar 07 j 21:41	9°♒32'02	
desc. node	-2098 Mar 08 j 14:07	9°♒33'13	
morning max el	-2098 Mar 22 j 04:56	17°♒04'30	26°27'08
	-2098 Apr 01 j 20:26	0°♓	
	-2098 Apr 18 j 22:27	0°♈	
morning set	-2098 Apr 20 j 05:46	2°♈42'33	
asc. node	-2098 Apr 24 j 10:32	11°♈41'48	
superior conj	-2098 Apr 27 j 07:17	17°♈57'45	0°29'47
minimum elong	-2098 Apr 27 j 06:00	17°♈50'43	0°29'32
max. Earth dist.	-2098 Apr 27 j 13:23	18°♈31'08	1.32541 AU
	-2098 May 02 j 20:37	0°♉	
evening rise	-2098 May 04 j 08:11	3°♉07'04	
	-2098 May 18 j 21:41	0°♊	
evening max el	-2098 Jun 03 j 10:09	20°♊00'58	26°44'49
desc. node	-2098 Jun 04 j 13:15	21°♊03'40	
retrograde	-2098 Jun 17 j 10:06	27°♊18'26	
evening set	-2098 Jun 24 j 03:33	25°♊20'54	
min. Earth dist.	-2098 Jun 27 j 23:36	22°♊41'20	0.60407 AU
inferior conj	-2098 Jul 01 j 07:17	19°♊56'32	-4°-29'-4
minimum elong	-2098 Jul 01 j 08:52	19°♊53'15	4°28'57
morning rise	-2098 Jul 08 j 17:21	15°♊13'06	
direct	-2098 Jul 11 j 04:42	14°♊49'40	
morning max el	-2098 Jul 18 j 11:39	18°♊22'56	18°09'50
asc. node	-2098 Jul 21 j 09:49	21°♊40'23	
	-2098 Jul 26 j 22:06	0°♋	
morning set	-2098 Aug 03 j 09:44	13°♋34'56	
	-2098 Aug 12 j 06:19	0°♌	
superior conj	-2098 Aug 13 j 04:11	1°♌38'33	1°39'45
minimum elong	-2098 Aug 13 j 07:22	1°♌52'47	1°39'35
max. Earth dist.	-2098 Aug 20 j 18:33	14°♌52'55	1.41277 AU
evening rise	-2098 Aug 26 j 02:23	23°♌41'31	
	-2098 Aug 30 j 01:14	0°♍	
desc. node	-2098 Aug 31 j 12:40	2°♍18'37	
	-2098 Sep 19 j 15:26	0°♎	
greatest brilliancy	-2098 Sep 23 j 19:45	5°♎18'01	-0.3m
evening max el	-2098 Sep 28 j 18:14	10°♎49'47	22°47'32
retrograde	-2098 Oct 08 j 16:10	16°♎42'50	
evening set	-2098 Oct 13 j 08:34	14°♎48'56	
asc. node	-2098 Oct 17 j 08:55	10°♎19'02	
inferior conj	-2098 Oct 18 j 17:27	8°♎27'51	0°27'58
minimum elong	-2098 Oct 18 j 16:48	8°♎30'06	0°27'40
min. Earth dist.	-2098 Oct 18 j 13:23	8°♎41'51	0.67537 AU
morning rise	-2098 Oct 24 j 00:58	2°♎13'55	
direct	-2098 Oct 28 j 10:02	0°♎29'39	
morning max el	-2098 Nov 06 j 12:56	5°♎53'05	21°54'47
greatest brilliancy	-2098 Nov 11 j 08:39	11°♎21'26	-0.4m
	-2098 Nov 24 j 21:21	0°♏	
desc. node	-2098 Nov 27 j 12:04	3°♏52'43	
morning set	-2098 Dec 08 j 20:48	21°♏27'05	
	-2098 Dec 14 j 02:58	0°♐	
max. Earth dist.	-2098 Dec 15 j 04:26	1°♐45'41	1.41429 AU
superior conj	-2098 Dec 22 j 20:24	14°♐53'23	-1°-57'-36
minimum elong	-2098 Dec 22 j 19:04	14°♐47'34	1°57'39
	-2098 Dec 31 j 05:08	0°♑	
evening rise	-2097 Jan 02 j 11:07	4°♑09'20	
asc. node	-2097 Jan 13 j 08:09	23°♑12'39	
	-2097 Jan 18 j 14:53	0°♒	
evening max el	-2097 Jan 18 j 19:12	0°♒10'44	18°12'38
retrograde	-2097 Jan 25 j 18:07	3°♒40'57	
evening set	-2097 Jan 28 j 07:45	3°♒13'03	
	-2097 Feb 02 j 10:28	30°℞♑	
inferior conj	-2097 Feb 04 j 06:37	28°♑23'34	3°52'21
minimum elong	-2097 Feb 04 j 08:02	28°♑20'22	3°52'14
min. Earth dist.	-2097 Feb 07 j 13:39	25°♑27'24	0.60262 AU
morning rise	-2097 Feb 11 j 05:19	22°♑43'48	
direct	-2097 Feb 17 j 22:00	20°♑38'18	
desc. node	-2097 Feb 23 j 11:11	21°♑57'41	
morning max el	-2097 Mar 04 j 03:19	28°♑21'29	27°23'49
	-2097 Mar 05 j 18:03	0°♒	
	-2097 Mar 26 j 12:58	0°♓	
morning set	-2097 Apr 04 j 14:07	17°♓30'14	
	-2097 Apr 10 j 10:39	0°♈	
max. Earth dist.	-2097 Apr 11 j 02:29	1°♈26'28	1.32480 AU
asc. node	-2097 Apr 11 j 07:33	1°♈54'07	
superior conj	-2097 Apr 11 j 18:52	2°♈56'04	0°04'59
minimum elong	-2097 Apr 11 j 18:38	2°♈54'49	0°04'56
behind sun begin	-2097 Apr 11 j 13:51	2°♈28'34	
behind sun end	-2097 Apr 11 j 23:26	3°♈21'05	
evening rise	-2097 Apr 18 j 18:14	18°♈01'56	
	-2097 Apr 24 j 16:55	0°♉	
	-2097 May 14 j 20:52	0°♊	
evening max el	-2097 May 16 j 06:51	1°♊24'32	25°39'03
desc. node	-2097 May 22 j 10:17	6°♊12'15	
retrograde	-2097 May 30 j 08:26	8°♊37'22	
evening set	-2097 Jun 05 j 03:08	7°♊17'54	
min. Earth dist.	-2097 Jun 09 j 19:01	4°♊34'53	0.58364 AU
inferior conj	-2097 Jun 13 j 01:38	2°♊14'07	-4°-26'-18
minimum elong	-2097 Jun 12 j 23:29	2°♊18'02	4°26'07
	-2097 Jun 16 j 08:27	30°℞♉	
morning rise	-2097 Jun 20 j 23:43	27°♉53'21	
direct	-2097 Jun 23 j 11:39	27°♉33'29	
	-2097 Jun 30 j 00:38	0°♊	
morning max el	-2097 Jul 01 j 17:45	1°♊26'57	18°44'28
asc. node	-2097 Jul 08 j 06:52	9°♊44'29	
morning set	-2097 Jul 18 j 02:43	27°♊30'27	
	-2097 Jul 19 j 09:23	0°♋	
superior conj	-2097 Jul 26 j 20:52	14°♋26'59	1°47'56

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2097 Jul	26 j 21:37	14°♋30'31	1°47'57
max. Earth dist.	-2097 Aug	02 j 21:45	27°♋20'03	1.39312 AU
	-2097 Aug	04 j 10:09	0°♌	
evening rise	-2097 Aug	06 j 23:45	4°♌25'16	
desc. node	-2097 Aug	18 j 09:39	22°♌49'10	
	-2097 Aug	23 j 05:03	0°♍	
evening max el	-2097 Sep	11 j 06:38	24°♍19'07	24°07'57
	-2097 Sep	18 j 19:41	0°♎	
retrograde	-2097 Sep	22 j 07:20	0°♎48'11	
	-2097 Sep	25 j 12:40	30°℞♍	
evening set	-2097 Sep	27 j 14:12	28°♍35'19	
inferior conj	-2097 Oct	02 j 23:46	22°♍12'59	0°-26'-1
minimum elong	-2097 Oct	03 j 00:23	22°♍10'52	0°25'45
min. Earth dist.	-2097 Oct	02 j 09:23	23°♍01'37	0.67393 AU
asc. node	-2097 Oct	04 j 06:00	20°♍31'58	
morning rise	-2097 Oct	08 j 10:50	16°♍04'02	
direct	-2097 Oct	12 j 06:35	14°♍40'45	
morning max el	-2097 Oct	20 j 08:40	19°♍23'34	20°37'31
greatest brilliancy	-2097 Oct	26 j 12:30	26°♍43'03	-0.5m
	-2097 Oct	28 j 22:49	0°♎	
desc. node	-2097 Nov	14 j 09:06	24°♎16'10	
morning set	-2097 Nov	17 j 21:57	29°♎43'41	
	-2097 Nov	18 j 02:09	0°♏	
max. Earth dist.	-2097 Nov	27 j 10:51	14°♏49'13	1.43170 AU
superior conj	-2097 Dec	03 j 20:18	25°♏18'56	-1°-44'-58
minimum elong	-2097 Dec	03 j 14:43	24°♏55'38	1°44'39
	-2097 Dec	06 j 15:08	0°♐	
evening rise	-2097 Dec	16 j 02:16	16°♐24'32	
	-2097 Dec	23 j 21:25	0°♑	
asc. node	-2097 Dec	31 j 05:11	11°♑00'15	
evening max el	-2096 Jan	02 j 06:52	13°♑19'38	18°08'38
retrograde	-2096 Jan	08 j 20:36	16°♑46'39	
evening set	-2096 Jan	11 j 13:43	16°♑10'38	
inferior conj	-2096 Jan	18 j 00:36	10°♑59'59	3°56'00
minimum elong	-2096 Jan	17 j 23:43	11°♑02'15	3°55'55
min. Earth dist.	-2096 Jan	20 j 20:32	8°♑06'58	0.62259 AU
morning rise	-2096 Jan	24 j 07:33	5°♑06'12	
direct	-2096 Jan	31 j 08:04	2°♑31'17	
desc. node	-2096 Feb	10 j 08:16	6°♑47'41	
morning max el	-2096 Feb	14 j 07:48	10°♑19'43	27°44'55
	-2096 Feb	29 j 17:34	0°♒	
	-2096 Mar	17 j 17:40	0°♓	
morning set	-2096 Mar	18 j 17:39	2°♓01'00	
max. Earth dist.	-2096 Mar	24 j 12:28	14°♓08'19	1.32782 AU
superior conj	-2096 Mar	26 j 04:55	17°♓46'46	0°-20'-46
minimum elong	-2096 Mar	26 j 05:52	17°♓51'59	0°20'36
asc. node	-2096 Mar	28 j 04:34	22°♓05'36	
	-2096 Mar	31 j 20:19	0°♈	
evening rise	-2096 Apr	02 j 05:53	2°♈58'24	
	-2096 Apr	17 j 00:25	0°♉	
evening max el	-2096 Apr	26 j 22:41	12°♉14'05	24°11'56
desc. node	-2096 May	08 j 07:19	18°♉58'21	
retrograde	-2096 May	10 j 19:32	19°♉12'48	
evening set	-2096 May	15 j 05:37	18°♉29'09	
min. Earth dist.	-2096 May	21 j 10:12	15°♉26'54	0.56581 AU
inferior conj	-2096 May	23 j 23:56	13°♉50'11	-3°-47'-17
minimum elong	-2096 May	23 j 18:05	13°♉59'25	3°46'07
morning rise	-2096 Jun	01 j 10:31	9°♉47'34	
direct	-2096 Jun	03 j 23:34	9°♉30'20	
morning max el	-2096 Jun	13 j 15:12	13°♉58'43	19°39'45
asc. node	-2096 Jun	24 j 03:55	28°♉29'52	
	-2096 Jun	25 j 00:06	0°♊	
morning set	-2096 Jul	01 j 03:57	11°♊52'27	
superior conj	-2096 Jul	09 j 05:09	28°♊03'41	1°46'28
minimum elong	-2096 Jul	09 j 04:02	27°♊58'10	1°46'29
	-2096 Jul	10 j 04:47	0°♋	
max. Earth dist.	-2096 Jul	15 j 00:26	9°♋14'06	1.37376 AU
evening rise	-2096 Jul	18 j 21:55	16°♋21'51	
	-2096 Jul	26 j 21:08	0°♌	
desc. node	-2096 Aug	04 j 06:38	13°♌05'35	
	-2096 Aug	16 j 16:11	0°♍	
evening max el	-2096 Aug	23 j 17:40	7°♍52'03	25°23'44
retrograde	-2096 Sep	04 j 18:16	14°♍48'45	
evening set	-2096 Sep	10 j 16:04	12°♍18'54	
min. Earth dist.	-2096 Sep	15 j 02:40	7°♍21'05	0.66934 AU
inferior conj	-2096 Sep	16 j 03:53	5°♍59'13	-1°-20'-32
minimum elong	-2096 Sep	16 j 05:50	5°♍52'53	1°19'43
asc. node	-2096 Sep	20 j 03:05	1°♍20'34	
morning rise	-2096 Sep	21 j 20:11	29°♌58'15	
	-2096 Sep	21 j 19:06	30°℞♌	
direct	-2096 Sep	25 j 04:46	28°♌52'56	
	-2096 Sep	28 j 18:46	0°♍	
morning max el	-2096 Oct	02 j 11:49	3°♍03'09	19°32'55
greatest brilliancy	-2096 Oct	11 j 07:32	14°♍20'29	-0.7m
	-2096 Oct	21 j 16:40	0°♎	
morning set	-2096 Oct	26 j 21:35	8°♎03'37	
desc. node	-2096 Oct	31 j 06:06	14°♎50'26	
max. Earth dist.	-2096 Nov	08 j 23:50	28°♎34'27	1.44381 AU
	-2096 Nov	09 j 21:24	0°♏	
superior conj	-2096 Nov	12 j 17:05	4°♏29'49	-1°-14'-49
minimum elong	-2096 Nov	12 j 09:27	3°♏59'19	1°14'02
evening rise	-2096 Nov	26 j 21:31	27°♏45'23	
	-2096 Nov	28 j 05:37	0°♐	
evening max el	-2096 Dec	15 j 19:25	26°♐38'57	18°23'32
asc. node	-2096 Dec	17 j 02:15	27°♐51'28	
	-2096 Dec	20 j 17:56	0°♑	
retrograde	-2096 Dec	22 j 08:41	0°♑14'07	
	-2096 Dec	23 j 23:15	30°℞♐	
evening set	-2096 Dec	25 j 06:09	29°♐28'41	
inferior conj	-2096 Dec	31 j 07:50	23°♐58'31	3°40'28
minimum elong	-2096 Dec	31 j 05:28	24°♐05'14	3°40'04
min. Earth dist.	-2095 Jan	02 j 13:01	21°♐27'22	0.64017 AU
morning rise	-2095 Jan	06 j 03:21	17°♐55'21	
direct	-2095 Jan	13 j 01:51	15°♐05'44	
morning max el	-2095 Jan	26 j 16:04	22°♐52'16	27°29'52
desc. node	-2095 Jan	27 j 05:21	23°♐25'39	
	-2095 Feb	02 j 00:43	0°♑	
	-2095 Feb	21 j 22:51	0°♒	
morning set	-2095 Mar	02 j 13:41	16°♒04'37	
max. Earth dist.	-2095 Mar	07 j 15:12	26°♒22'11	1.33485 AU
	-2095 Mar	09 j 08:41	0°♓	
superior conj	-2095 Mar	10 j 11:33	2°♓22'31	0°-46'-34
minimum elong	-2095 Mar	10 j 13:40	2°♓33'51	0°46'11
asc. node	-2095 Mar	15 j 01:35	12°♓11'18	
evening rise	-2095 Mar	17 j 17:16	17°♓48'55	
	-2095 Mar	23 j 19:11	0°♈	
evening max el	-2095 Apr	08 j 15:07	22°♈53'27	22°37'16
retrograde	-2095 Apr	21 j 17:38	29°♈19'43	
evening set	-2095 Apr	24 j 20:35	28°♈58'22	
desc. node	-2095 Apr	25 j 04:23	28°♈53'47	
min. Earth dist.	-2095 May	02 j 23:56	25°♈25'26	0.55405 AU
inferior conj	-2095 May	04 j 04:02	24°♈45'16	-2°-25'-27
minimum elong	-2095 May	03 j 22:02	24°♈53'52	2°23'37
morning rise	-2095 May	13 j 01:48	20°♈49'46	
direct	-2095 May	15 j 18:34	20°♈32'52	
morning max el	-2095 May	27 j 01:54	25°♈49'24	20°55'03
	-2095 May	30 j 22:46	0°♉	
asc. node	-2095 Jun	11 j 00:58	17°♉45'54	
morning set	-2095 Jun	15 j 10:47	26°♉33'21	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2095 Jun 17 j 02:49	0°♊	
superior conj	-2095 Jun 23 j 00:28	12°♊14'47	1°37'42
minimum elong	-2095 Jun 22 j 22:15	12°♊03'27	1°37'34
max. Earth dist.	-2095 Jun 27 j 09:09	21°♊02'22	1.35673 AU
evening rise	-2095 Jul 01 j 16:15	29°♊18'50	
	-2095 Jul 02 j 01:02	0°♋	
	-2095 Jul 20 j 01:29	0°♌	
desc. node	-2095 Jul 22 j 03:39	3°♌01'16	
evening max el	-2095 Aug 06 j 05:10	21°♌26'00	26°26'58
retrograde	-2095 Aug 19 j 00:19	28°♌39'08	
evening set	-2095 Aug 25 j 12:09	25°♌57'08	
min. Earth dist.	-2095 Aug 29 j 14:48	21°♌37'16	0.66134 AU
inferior conj	-2095 Aug 31 j 03:56	19°♌43'57	-2°-13'-49
minimum elong	-2095 Aug 31 j 07:06	19°♌34'15	2°12'37
morning rise	-2095 Sep 06 j 03:02	13°♌54'17	
asc. node	-2095 Sep 07 j 00:10	13°♌28'48	
direct	-2095 Sep 09 j 02:50	13°♌03'25	
morning max el	-2095 Sep 15 j 21:21	16°♌49'52	18°43'36
	-2095 Sep 25 j 16:35	0°♍	
morning set	-2095 Oct 06 j 17:51	17°♍28'56	
	-2095 Oct 14 j 14:59	0°♎	
desc. node	-2095 Oct 18 j 03:07	5°♎32'04	
superior conj	-2095 Oct 22 j 19:05	12°♎52'58	0°-29'-45
minimum elong	-2095 Oct 22 j 15:11	12°♎37'35	0°29'16
max. Earth dist.	-2095 Oct 22 j 17:27	12°♎46'30	1.44914 AU
	-2095 Nov 02 j 15:11	0°♏	
evening rise	-2095 Nov 07 j 17:13	8°♏06'30	
	-2095 Nov 21 j 13:51	0°♐	
evening max el	-2095 Nov 29 j 06:20	10°♐04'09	18°56'10
asc. node	-2095 Dec 03 j 23:19	13°♐31'54	
retrograde	-2095 Dec 06 j 02:42	13°♐57'14	
evening set	-2095 Dec 09 j 05:58	13°♐00'39	
inferior conj	-2095 Dec 15 j 00:47	7°♐13'22	3°11'32
minimum elong	-2095 Dec 14 j 21:49	7°♐22'31	3°10'46
min. Earth dist.	-2095 Dec 16 j 15:01	5°♐15'04	0.65428 AU
morning rise	-2095 Dec 20 j 12:43	1°♐03'36	
	-2095 Dec 21 j 21:13	30°℞♏	
direct	-2095 Dec 27 j 02:03	28°♏14'16	
	-2094 Jan 01 j 20:25	0°♐	
morning max el	-2094 Jan 09 j 01:37	5°♐48'53	26°43'25
desc. node	-2094 Jan 14 j 02:25	11°♐21'01	
	-2094 Jan 27 j 17:07	0°♑	
morning set	-2094 Feb 13 j 22:45	29°♑30'26	
	-2094 Feb 14 j 04:58	0°♒	
max. Earth dist.	-2094 Feb 18 j 07:30	8°♒01'25	1.34630 AU
superior conj	-2094 Feb 22 j 12:39	16°♒36'33	-1°-11'-10
minimum elong	-2094 Feb 22 j 15:44	16°♒52'29	1°10'42
	-2094 Feb 28 j 22:13	0°♓	
asc. node	-2094 Mar 01 j 22:38	2°♓06'57	
evening rise	-2094 Mar 02 j 02:36	2°♓27'28	
	-2094 Mar 18 j 02:18	0°♈	
evening max el	-2094 Mar 21 j 14:27	3°♈49'47	21°08'24
retrograde	-2094 Apr 02 j 07:09	9°♈27'34	
evening set	-2094 Apr 04 j 16:20	9°♈14'25	
desc. node	-2094 Apr 12 j 01:28	6°♈19'19	
inferior conj	-2094 Apr 13 j 22:54	5°♈15'56	0°-32'-2
minimum elong	-2094 Apr 13 j 21:23	5°♈18'04	0°31'30
min. Earth dist.	-2094 Apr 14 j 13:24	4°♈55'27	0.55097 AU
morning rise	-2094 Apr 23 j 01:57	1°♈10'50	
direct	-2094 Apr 26 j 05:59	0°♈49'02	
morning max el	-2094 May 09 j 01:54	6°♈58'08	22°26'51
	-2094 May 25 j 03:17	0°♉	
asc. node	-2094 May 28 j 22:00	7°♉24'45	
morning set	-2094 May 30 j 21:04	11°♉26'53	
superior conj	-2094 Jun 07 j 03:20	26°♉49'59	1°23'24
minimum elong	-2094 Jun 07 j 00:45	26°♉36'17	1°23'06
	-2094 Jun 08 j 15:28	0°♊	
max. Earth dist.	-2094 Jun 10 j 03:35	3°♊07'50	1.34319 AU
evening rise	-2094 Jun 15 j 01:35	13°♊01'40	
	-2094 Jun 24 j 07:42	0°♋	
desc. node	-2094 Jul 09 j 00:41	22°♋26'48	
	-2094 Jul 15 j 02:35	0°♌	
evening max el	-2094 Jul 19 j 16:54	4°♌51'21	27°09'44
retrograde	-2094 Aug 02 j 00:49	12°♌11'29	
evening set	-2094 Aug 08 j 23:49	9°♌25'25	
min. Earth dist.	-2094 Aug 12 j 19:19	5°♌43'33	0.64970 AU
inferior conj	-2094 Aug 14 j 21:39	3°♌22'15	-3°-3'-40
minimum elong	-2094 Aug 15 j 01:42	3°♌10'51	3°02'25
	-2094 Aug 18 j 02:51	30°℞♋	
morning rise	-2094 Aug 21 j 05:03	27°♋47'19	
direct	-2094 Aug 23 j 22:26	27°♋07'34	
asc. node	-2094 Aug 24 j 21:15	27°♋12'25	
	-2094 Aug 29 j 18:59	0°♌	
morning max el	-2094 Aug 30 j 11:05	0°♌38'55	18°10'54
morning set	-2094 Sep 17 j 18:08	28°♌16'17	
	-2094 Sep 18 j 19:05	0°♍	
superior conj	-2094 Oct 01 j 22:51	21°♍26'08	0°19'41
minimum elong	-2094 Oct 02 j 01:15	21°♍35'43	0°19'22
desc. node	-2094 Oct 05 j 00:07	26°♍17'15	
max. Earth dist.	-2094 Oct 05 j 12:17	27°♍05'19	1.44706 AU
	-2094 Oct 07 j 08:34	0°♎	
evening rise	-2094 Oct 18 j 13:33	17°♎30'04	
	-2094 Oct 26 j 15:42	0°♏	
greatest brilliancy	-2094 Nov 04 j 16:33	13°♏31'07	-0.6m
evening max el	-2094 Nov 12 j 13:19	23°♏31'01	19°45'05
retrograde	-2094 Nov 19 j 23:37	27°♏50'45	
asc. node	-2094 Nov 20 j 20:24	27°♏46'27	
evening set	-2094 Nov 23 j 10:32	26°♏40'56	
inferior conj	-2094 Nov 29 j 00:27	20°♏39'32	2°33'08
minimum elong	-2094 Nov 28 j 21:36	20°♏48'56	2°32'11
min. Earth dist.	-2094 Nov 30 j 01:05	19°♏18'34	0.66461 AU
morning rise	-2094 Dec 04 j 08:00	14°♏25'19	
direct	-2094 Dec 10 j 07:53	11°♏47'45	
morning max el	-2094 Dec 22 j 10:44	18°♏58'21	25°33'40
desc. node	-2094 Dec 31 j 23:28	0°♐10'46	
	-2094 Dec 31 j 20:11	0°♐	
	-2093 Jan 20 j 18:45	0°♑	
morning set	-2093 Jan 27 j 16:16	12°♑04'45	
max. Earth dist.	-2093 Jan 31 j 12:15	19°♑11'54	1.36219 AU
superior conj	-2093 Feb 06 j 05:31	0°♒20'47	-1°-32'-55
minimum elong	-2093 Feb 06 j 09:00	0°♒38'11	1°32'33
	-2093 Feb 06 j 01:21	0°♒	
evening rise	-2093 Feb 14 j 07:51	16°♒47'38	
asc. node	-2093 Feb 16 j 19:41	21°♒47'32	
	-2093 Feb 21 j 03:31	0°♓	
evening max el	-2093 Mar 04 j 00:12	15°♓19'48	19°54'19
retrograde	-2093 Mar 14 j 00:15	20°♓06'09	
evening set	-2093 Mar 16 j 05:19	19°♓53'11	
inferior conj	-2093 Mar 24 j 22:49	15°♓51'57	1°22'11
minimum elong	-2093 Mar 25 j 02:11	15°♓46'46	1°21'03
min. Earth dist.	-2093 Mar 27 j 03:30	14°♓31'15	0.55724 AU
desc. node	-2093 Mar 29 j 22:31	12°♓56'48	
morning rise	-2093 Apr 02 j 20:02	11°♓20'27	
direct	-2093 Apr 06 j 22:05	10°♓43'35	
morning max el	-2093 Apr 20 j 18:35	17°♓37'34	24°06'50
	-2093 Apr 30 j 20:34	0°♈	
morning set	-2093 May 15 j 09:02	26°♈27'26	
asc. node	-2093 May 15 j 19:03	27°♈20'08	
	-2093 May 17 j 01:11	0°♉	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2093 May 22 j 11:12	11°♉41'13	1°04'56
minimum elong	-2093 May 22 j 08:48	11°♉28'14	1°04'33
max. Earth dist.	-2093 May 24 j 07:11	15°♉37'31	1.33336 AU
evening rise	-2093 May 29 j 21:41	27°♉17'55	
	-2093 May 31 j 06:07	0°♊	
	-2093 Jun 17 j 14:38	0°♋	
desc. node	-2093 Jun 25 j 21:42	11°♋09'40	
evening max el	-2093 Jul 02 j 03:09	17°♋56'09	27°25'16
retrograde	-2093 Jul 15 j 19:33	25°♋17'47	
evening set	-2093 Jul 22 j 23:56	22°♋39'25	
min. Earth dist.	-2093 Jul 26 j 14:26	19°♋31'05	0.63434 AU
inferior conj	-2093 Jul 29 j 06:28	16°♋49'02	-3°-46'-56
minimum elong	-2093 Jul 29 j 10:38	16°♋38'27	3°45'58
morning rise	-2093 Aug 04 j 23:25	11°♋32'13	
direct	-2093 Aug 07 j 12:44	11°♋00'37	
asc. node	-2093 Aug 11 j 18:18	12°♋27'51	
morning max el	-2093 Aug 14 j 02:26	14°♋25'25	17°55'45
	-2093 Aug 24 j 21:34	0°♌	
morning set	-2093 Aug 30 j 19:27	10°♌15'21	
	-2093 Sep 11 j 08:24	0°♍	
superior conj	-2093 Sep 12 j 00:00	1°♍04'44	1°01'23
minimum elong	-2093 Sep 12 j 05:22	1°♍26'59	1°00'46
max. Earth dist.	-2093 Sep 18 j 04:25	11°♍09'47	1.43798 AU
desc. node	-2093 Sep 21 j 21:08	17°♍03'02	
evening rise	-2093 Sep 27 j 19:46	26°♍20'06	
	-2093 Sep 30 j 04:54	0°♎	
	-2093 Oct 20 j 18:10	0°♏	
greatest brilliancy	-2093 Oct 20 j 20:31	0°♏07'39	-0.5m
evening max el	-2093 Oct 26 j 14:44	6°♏57'52	20°48'09
retrograde	-2093 Nov 03 j 21:04	11°♏51'25	
evening set	-2093 Nov 07 j 17:44	10°♏26'06	
asc. node	-2093 Nov 07 j 17:27	10°♏26'37	
inferior conj	-2093 Nov 13 j 04:29	4°♏14'05	1°48'00
minimum elong	-2093 Nov 13 j 02:13	4°♏21'49	1°47'07
min. Earth dist.	-2093 Nov 13 j 17:09	3°♏30'51	0.67133 AU
	-2093 Nov 16 j 10:42	30°℞♎	
morning rise	-2093 Nov 18 j 10:16	27°♎57'45	
direct	-2093 Nov 23 j 18:55	25°♎38'52	
	-2093 Dec 02 j 11:04	0°♏	
morning max el	-2093 Dec 04 j 19:22	2°♏13'11	24°10'18
desc. node	-2093 Dec 18 j 20:31	19°♏39'19	
	-2093 Dec 25 j 22:51	0°♐	
morning set	-2092 Jan 09 j 12:18	23°♐31'48	
	-2092 Jan 13 j 04:35	0°♑	
max. Earth dist.	-2092 Jan 13 j 08:50	0°♑19'01	1.38166 AU
superior conj	-2092 Jan 20 j 10:38	13°♑25'44	-1°-49'-33
minimum elong	-2092 Jan 20 j 13:31	13°♑39'29	1°49'26
	-2092 Jan 28 j 21:59	0°♒	
evening rise	-2092 Jan 29 j 06:39	0°♒42'44	
asc. node	-2092 Feb 03 j 16:43	11°♒07'03	
evening max el	-2092 Feb 14 j 20:26	27°♒26'27	18°59'04
	-2092 Feb 18 j 03:32	0°♓	
retrograde	-2092 Feb 23 j 07:47	1°♓30'53	
evening set	-2092 Feb 25 j 15:29	1°♓13'49	
	-2092 Feb 28 j 20:27	30°℞♒	
inferior conj	-2092 Mar 04 j 15:22	26°♒57'52	2°48'44
minimum elong	-2092 Mar 04 j 20:02	26°♒49'36	2°47'34
min. Earth dist.	-2092 Mar 07 j 19:21	24°♒44'22	0.57153 AU
morning rise	-2092 Mar 12 j 20:33	21°♒54'31	
desc. node	-2092 Mar 15 j 19:36	21°♒01'14	
direct	-2092 Mar 18 j 03:03	20°♒48'20	
morning max el	-2092 Apr 01 j 09:40	28°♒11'52	25°41'21
	-2092 Apr 03 j 04:27	0°♓	
	-2092 Apr 23 j 04:13	0°♈	
morning set	-2092 Apr 28 j 20:56	11°♈27'43	
asc. node	-2092 May 01 j 16:05	17°♈25'42	
superior conj	-2092 May 05 j 21:52	26°♈40'08	0°43'20
minimum elong	-2092 May 05 j 20:05	26°♈30'23	0°42'59
max. Earth dist.	-2092 May 06 j 17:07	28°♈25'09	1.32722 AU
	-2092 May 07 j 10:33	0°♉	
evening rise	-2092 May 13 j 01:09	11°♉55'49	
	-2092 May 22 j 10:51	0°♊	
desc. node	-2092 Jun 11 j 18:43	28°♊50'48	
	-2092 Jun 12 j 22:17	0°♋	
evening max el	-2092 Jun 13 j 09:38	0°♋27'21	27°09'04
retrograde	-2092 Jun 27 j 07:47	7°♋47'34	
evening set	-2092 Jul 04 j 08:25	5°♋31'13	
min. Earth dist.	-2092 Jul 07 j 23:28	2°♋45'39	0.61569 AU
inferior conj	-2092 Jul 11 j 03:08	29°♊56'14	-4°-18'-47
minimum elong	-2092 Jul 11 j 06:09	29°♊49'26	4°18'23
	-2092 Jul 11 j 01:28	30°℞♊	
morning rise	-2092 Jul 18 j 06:44	25°♊00'11	
direct	-2092 Jul 20 j 18:07	24°♊34'24	
morning max el	-2092 Jul 27 j 16:29	28°♊01'52	17°59'05
asc. node	-2092 Jul 28 j 15:21	29°♊00'41	
	-2092 Jul 29 j 12:15	0°♋	
morning set	-2092 Aug 12 j 16:04	23°♋09'49	
	-2092 Aug 16 j 09:57	0°♌	
superior conj	-2092 Aug 23 j 04:44	12°♌05'07	1°29'40
minimum elong	-2092 Aug 23 j 09:14	12°♌24'41	1°29'18
max. Earth dist.	-2092 Aug 30 j 15:18	24°♌42'33	1.42313 AU
	-2092 Sep 02 j 21:01	0°♍	
evening rise	-2092 Sep 06 j 06:04	5°♍23'58	
desc. node	-2092 Sep 07 j 18:07	7°♍45'58	
	-2092 Sep 22 j 13:07	0°♎	
greatest brilliancy	-2092 Oct 03 j 15:50	15°♎00'58	-0.4m
evening max el	-2092 Oct 08 j 10:11	20°♎24'49	22°02'05
retrograde	-2092 Oct 17 j 17:07	25°♎56'17	
evening set	-2092 Oct 22 j 01:40	24°♎13'26	
asc. node	-2092 Oct 24 j 14:30	21°♎39'56	
inferior conj	-2092 Oct 27 j 10:49	17°♎54'35	0°58'09
minimum elong	-2092 Oct 27 j 09:30	17°♎59'07	0°57'36
min. Earth dist.	-2092 Oct 27 j 12:44	17°♎47'56	0.67475 AU
morning rise	-2092 Nov 01 j 17:06	11°♎38'46	
direct	-2092 Nov 06 j 10:30	9°♎41'39	
morning max el	-2092 Nov 16 j 05:46	15°♎31'36	22°43'09
greatest brilliancy	-2092 Nov 20 j 22:38	20°♎48'13	-0.3m
	-2092 Nov 27 j 23:57	0°♏	
desc. node	-2092 Dec 04 j 17:33	9°♏35'24	
	-2092 Dec 17 j 23:34	0°♐	
morning set	-2092 Dec 20 j 04:55	3°♐37'06	
max. Earth dist.	-2092 Dec 25 j 04:43	11°♐58'07	1.40263 AU
superior conj	-2091 Jan 01 j 23:27	25°♐39'56	-1°-57'-59
minimum elong	-2091 Jan 02 j 00:11	25°♐43'13	1°58'03
	-2091 Jan 04 j 08:16	0°♑	
evening rise	-2091 Jan 11 j 20:07	14°♑05'41	
asc. node	-2091 Jan 20 j 13:45	29°♑58'40	
	-2091 Jan 20 j 14:05	0°♒	
evening max el	-2091 Jan 28 j 01:04	10°♒04'42	18°23'53
retrograde	-2091 Feb 04 j 09:52	13°♒42'35	
evening set	-2091 Feb 06 j 21:31	13°♒18'58	
inferior conj	-2091 Feb 14 j 04:43	8°♒42'31	3°38'33
minimum elong	-2091 Feb 14 j 07:38	8°♒36'31	3°38'08
min. Earth dist.	-2091 Feb 17 j 14:44	5°♒54'47	0.59078 AU
morning rise	-2091 Feb 21 j 14:11	3°♒13'47	
direct	-2091 Feb 27 j 21:30	1°♒29'15	
desc. node	-2091 Mar 02 j 16:40	1°♒49'19	
morning max el	-2091 Mar 14 j 04:25	9°♒07'52	26°55'13
	-2091 Mar 30 j 02:21	0°♓	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning set	-2091 Apr 13 j 07:05	26°♓21'49	
	-2091 Apr 15 j 00:29	0°♈	
asc. node	-2091 Apr 18 j 13:07	7°♈36'58	
superior conj	-2091 Apr 20 j 09:37	11°♈40'34	0°19'27
minimum elong	-2091 Apr 20 j 08:45	11°♈35'52	0°19'16
max. Earth dist.	-2091 Apr 20 j 06:02	11°♈20'58	1.32468 AU
evening rise	-2091 Apr 27 j 09:26	26°♈46'52	
	-2091 Apr 28 j 22:42	0°♉	
	-2091 May 16 j 03:42	0°♊	
evening max el	-2091 May 26 j 10:18	12°♊16'32	26°20'15
desc. node	-2091 May 29 j 15:44	15°♊04'31	
retrograde	-2091 Jun 09 j 11:49	19°♊32'51	
evening set	-2091 Jun 15 j 20:51	17°♊51'14	
min. Earth dist.	-2091 Jun 19 j 23:26	15°♊12'02	0.59524 AU
inferior conj	-2091 Jun 23 j 08:06	12°♊34'51	-4°-31'-38
minimum elong	-2091 Jun 23 j 08:15	12°♊34'34	4°31'36
morning rise	-2091 Jun 30 j 23:10	8°♊01'02	
direct	-2091 Jul 03 j 10:30	7°♊39'20	
morning max el	-2091 Jul 11 j 02:17	11°♊20'01	18°22'01
asc. node	-2091 Jul 15 j 12:24	16°♊35'32	
	-2091 Jul 23 j 12:41	0°♋	
morning set	-2091 Jul 27 j 02:50	6°♋46'18	
superior conj	-2091 Aug 05 j 09:55	24°♋18'26	1°44'33
minimum elong	-2091 Aug 05 j 12:01	24°♋28'08	1°44'29
	-2091 Aug 08 j 13:16	0°♌	
max. Earth dist.	-2091 Aug 12 j 20:48	7°♌34'10	1.40456 AU
evening rise	-2091 Aug 17 j 12:43	15°♌26'04	
desc. node	-2091 Aug 25 j 15:06	28°♌22'24	
	-2091 Aug 26 j 16:28	0°♍	
	-2091 Sep 17 j 10:30	0°♎	
evening max el	-2091 Sep 21 j 00:41	3°♎53'24	23°21'56
retrograde	-2091 Oct 01 j 10:17	10°♎02'22	
evening set	-2091 Oct 06 j 08:37	8°♎00'36	
asc. node	-2091 Oct 11 j 11:33	1°♎59'28	
inferior conj	-2091 Oct 11 j 17:37	1°♎38'39	0°05'14
minimum elong	-2091 Oct 11 j 17:30	1°♎39'05	0°05'11
transit middle	-2091 Oct 11 j 17:30	1°♎39'05	0°05'11
transit begin	-2091 Oct 11 j 14:56	1°♎47'53	
transit end	-2091 Oct 11 j 20:04	1°♎30'17	
min. Earth dist.	-2091 Oct 11 j 09:17	2°♎07'15	0.67513 AU
	-2091 Oct 12 j 22:41	30°℞♍	
morning rise	-2091 Oct 17 j 02:25	25°♍26'18	
direct	-2091 Oct 21 j 05:40	23°♍51'01	
morning max el	-2091 Oct 29 j 21:16	28°♍56'20	21°20'30
	-2091 Oct 30 j 21:35	0°♎	
greatest brilliancy	-2091 Nov 04 j 03:43	5°♎01'21	-0.4m
desc. node	-2091 Nov 21 j 14:33	29°♎50'33	
	-2091 Nov 21 j 17:03	0°♏	
morning set	-2091 Nov 29 j 17:16	12°♏22'07	
max. Earth dist.	-2091 Dec 07 j 06:40	24°♏31'00	1.42225 AU
	-2091 Dec 10 j 14:01	0°♐	
superior conj	-2091 Dec 14 j 14:20	6°♐48'41	-1°-54'-17
minimum elong	-2091 Dec 14 j 11:12	6°♐35'16	1°54'12
evening rise	-2091 Dec 25 j 20:33	26°♐47'41	
	-2091 Dec 27 j 14:59	0°♑	
asc. node	-2090 Jan 07 j 10:48	18°♑12'43	
evening max el	-2090 Jan 11 j 11:02	23°♑04'44	18°08'36
retrograde	-2090 Jan 18 j 04:39	26°♑31'39	
evening set	-2090 Jan 20 j 19:53	26°♑00'17	
inferior conj	-2090 Jan 27 j 13:16	21°♑01'42	3°56'39
minimum elong	-2090 Jan 27 j 13:38	21°♑00'51	3°56'36
min. Earth dist.	-2090 Jan 30 j 16:21	18°♑04'18	0.61139 AU
morning rise	-2090 Feb 03 j 04:48	15°♑15'37	
direct	-2090 Feb 10 j 02:22	12°♑55'56	
desc. node	-2090 Feb 17 j 13:44	15°♑20'00	
morning max el	-2090 Feb 24 j 05:16	20°♑41'22	27°37'14
	-2090 Mar 04 j 06:57	0°♒	
	-2090 Mar 22 j 23:27	0°♓	
morning set	-2090 Mar 28 j 13:37	11°♓02'48	
max. Earth dist.	-2090 Apr 03 j 18:14	24°♓11'47	1.32566 AU
superior conj	-2090 Apr 04 j 20:44	26°♓36'12	0°-5'-53
minimum elong	-2090 Apr 04 j 21:01	26°♓37'41	0°05'51
behind sun begin	-2090 Apr 04 j 16:17	26°♓11'51	
behind sun end	-2090 Apr 05 j 01:45	27°♓03'32	
asc. node	-2090 Apr 05 j 10:09	27°♓49'28	
	-2090 Apr 06 j 10:03	0°♈	
evening rise	-2090 Apr 11 j 20:24	11°♈43'16	
	-2090 Apr 21 j 05:17	0°♉	
evening max el	-2090 May 08 j 04:43	23°♉24'07	25°03'54
desc. node	-2090 May 16 j 12:47	29°♉17'07	
	-2090 May 18 j 12:38	0°♊	
retrograde	-2090 May 22 j 05:18	0°♊31'48	
	-2090 May 25 j 22:04	30°℞♉	
evening set	-2090 May 27 j 10:50	29°♉28'54	
min. Earth dist.	-2090 Jun 01 j 16:41	26°♉39'16	0.57553 AU
inferior conj	-2090 Jun 04 j 18:03	24°♉35'34	-4°-14'-49
minimum elong	-2090 Jun 04 j 14:08	24°♉42'14	4°14'19
morning rise	-2090 Jun 12 j 21:22	20°♉23'02	
direct	-2090 Jun 15 j 09:48	20°♉04'19	
morning max el	-2090 Jun 24 j 04:54	24°♉10'57	19°05'29
	-2090 Jun 29 j 03:32	0°♊	
asc. node	-2090 Jul 02 j 09:28	4°♊58'38	
morning set	-2090 Jul 10 j 23:44	20°♊54'34	
	-2090 Jul 15 j 13:52	0°♋	
superior conj	-2090 Jul 19 j 09:52	7°♋29'19	1°48'20
minimum elong	-2090 Jul 19 j 09:44	7°♋28'40	1°48'23
max. Earth dist.	-2090 Jul 25 j 23:30	19°♋46'48	1.38472 AU
evening rise	-2090 Jul 29 j 21:06	26°♋42'15	
	-2090 Jul 31 j 19:02	0°♌	
desc. node	-2090 Aug 12 j 12:06	18°♌48'10	
	-2090 Aug 20 j 05:32	0°♍	
evening max el	-2090 Sep 03 j 12:27	17°♍25'39	24°41'15
retrograde	-2090 Sep 14 j 23:36	24°♍06'56	
evening set	-2090 Sep 20 j 12:53	21°♍46'33	
min. Earth dist.	-2090 Sep 25 j 04:23	16°♍27'57	0.67242 AU
inferior conj	-2090 Sep 25 j 23:14	15°♍25'10	0°-49'-7
minimum elong	-2090 Sep 26 j 00:26	15°♍21'12	0°48'38
asc. node	-2090 Sep 28 j 08:37	12°♍21'34	
morning rise	-2090 Oct 01 j 12:20	9°♍19'19	
direct	-2090 Oct 05 j 03:10	8°♍03'56	
morning max el	-2090 Oct 12 j 20:10	12°♍31'15	20°08'19
greatest brilliancy	-2090 Oct 19 j 21:27	21°♍08'30	-0.6m
	-2090 Oct 26 j 02:08	0°♎	
desc. node	-2090 Nov 08 j 11:34	20°♎19'36	
morning set	-2090 Nov 08 j 14:44	20°♎31'51	
	-2090 Nov 14 j 16:27	0°♏	
max. Earth dist.	-2090 Nov 19 j 16:43	7°♏56'52	1.43772 AU
superior conj	-2090 Nov 25 j 02:35	16°♏42'09	-1°-34'-22
minimum elong	-2090 Nov 24 j 19:35	16°♏13'30	1°33'48
	-2090 Dec 03 j 02:03	0°♐	
evening rise	-2090 Dec 08 j 03:48	8°♐41'14	
	-2090 Dec 20 j 23:25	0°♑	
asc. node	-2090 Dec 25 j 07:51	5°♑38'08	
evening max el	-2090 Dec 25 j 23:25	6°♑18'57	18°12'39
retrograde	-2089 Jan 01 j 11:49	9°♑48'02	
evening set	-2089 Jan 04 j 06:45	9°♑08'01	
inferior conj	-2089 Jan 10 j 13:22	3°♑48'29	3°51'20
minimum elong	-2089 Jan 10 j 11:44	3°♑52'51	3°51'08

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

min. Earth dist.	-2089 Jan 13 j 03:04	1°♉03'18	0.63054 AU
	-2089 Jan 14 j 04:08	30°℞♐	
morning rise	-2089 Jan 16 j 14:58	27°♐50'22	
direct	-2089 Jan 23 j 15:37	25°♐07'40	
	-2089 Feb 03 j 06:46	0°♉	
desc. node	-2089 Feb 04 j 10:49	1°♉00'18	
morning max el	-2089 Feb 06 j 11:43	2°♉55'21	27°42'44
	-2089 Feb 26 j 15:51	0°♒	
morning set	-2089 Mar 12 j 14:19	25°♒23'01	
	-2089 Mar 14 j 20:44	0°♓	
max. Earth dist.	-2089 Mar 18 j 01:49	6°♓44'07	1.33037 AU
superior conj	-2089 Mar 20 j 05:34	11°♓21'07	0°-31'-48
minimum elong	-2089 Mar 20 j 07:02	11°♓29'02	0°31'31
asc. node	-2089 Mar 23 j 07:12	17°♓59'03	
evening rise	-2089 Mar 27 j 08:10	26°♓38'06	
	-2089 Mar 28 j 22:53	0°♈	
	-2089 Apr 16 j 00:39	0°♉	
evening max el	-2089 Apr 19 j 19:55	4°♉05'18	23°31'37
retrograde	-2089 May 03 j 10:30	10°♉52'30	
desc. node	-2089 May 03 j 09:51	10°♉52'30	
evening set	-2089 May 07 j 06:38	10°♉20'06	
min. Earth dist.	-2089 May 14 j 06:33	7°♉06'30	0.55986 AU
inferior conj	-2089 May 16 j 07:56	5°♉52'48	-3°-17'-39
minimum elong	-2089 May 16 j 01:23	6°♉02'37	3°16'01
morning rise	-2089 May 24 j 23:39	1°♉55'22	
direct	-2089 May 27 j 13:59	1°♉38'35	
morning max el	-2089 Jun 06 j 21:53	6°♉25'35	20°09'37
asc. node	-2089 Jun 19 j 06:31	23°♉58'08	
	-2089 Jun 22 j 10:31	0°♊	
morning set	-2089 Jun 25 j 03:39	5°♊25'36	
superior conj	-2089 Jul 02 j 23:20	21°♊22'12	1°43'32
minimum elong	-2089 Jul 02 j 21:40	21°♊13'47	1°43'30
	-2089 Jul 07 j 08:19	0°♋	
max. Earth dist.	-2089 Jul 08 j 04:19	1°♋36'10	1.36607 AU
evening rise	-2089 Jul 12 j 04:26	9°♋05'53	
	-2089 Jul 24 j 11:36	0°♌	
desc. node	-2089 Jul 30 j 09:08	8°♌57'02	
	-2089 Aug 15 j 23:39	0°♍	
evening max el	-2089 Aug 16 j 23:28	0°♍59'28	25°52'36
retrograde	-2089 Aug 29 j 08:26	8°♍04'21	
evening set	-2089 Sep 04 j 12:34	5°♍28'16	
min. Earth dist.	-2089 Sep 08 j 19:38	0°♍46'46	0.66639 AU
	-2089 Sep 09 j 10:27	30°℞♌	
inferior conj	-2089 Sep 10 j 01:51	29°♌11'03	-1°-43'-22
minimum elong	-2089 Sep 10 j 04:21	29°♌03'08	1°42'23
asc. node	-2089 Sep 15 j 05:41	23°♌40'12	
morning rise	-2089 Sep 15 j 20:53	23°♌14'47	
direct	-2089 Sep 19 j 01:27	22°♌16'06	
morning max el	-2089 Sep 26 j 02:20	26°♌14'52	19°10'04
	-2089 Sep 29 j 08:39	0°♍	
morning set	-2089 Oct 18 j 21:16	29°♍15'10	
	-2089 Oct 19 j 08:43	0°♎	
desc. node	-2089 Oct 26 j 08:35	10°♎57'45	
max. Earth dist.	-2089 Nov 02 j 08:25	21°♎57'24	1.44698 AU
superior conj	-2089 Nov 04 j 13:31	25°♎27'17	0°-57'-3
minimum elong	-2089 Nov 04 j 06:45	25°♎00'30	0°56'17
	-2089 Nov 07 j 10:12	0°♏	
evening rise	-2089 Nov 19 j 13:27	19°♏37'59	
	-2089 Nov 25 j 20:57	0°♐	
evening max el	-2089 Dec 09 j 11:31	19°♐41'21	18°35'14
asc. node	-2089 Dec 12 j 04:53	22°♐01'26	
retrograde	-2089 Dec 16 j 03:02	23°♐23'22	
evening set	-2089 Dec 19 j 02:41	22°♐33'28	
inferior conj	-2089 Dec 25 j 01:10	16°♐55'25	3°29'34
minimum elong	-2089 Dec 24 j 22:28	17°♐03'26	3°29'00
min. Earth dist.	-2089 Dec 26 j 23:49	14°♐37'24	0.64661 AU
morning rise	-2089 Dec 30 j 17:00	10°♐48'54	
direct	-2088 Jan 06 j 12:08	7°♐57'58	
morning max el	-2088 Jan 19 j 21:10	15°♐41'12	27°13'34
desc. node	-2088 Jan 22 j 07:54	18°♐15'04	
	-2088 Jan 31 j 17:14	0°♉	
	-2088 Feb 19 j 08:58	0°♒	
morning set	-2088 Feb 24 j 06:15	9°♒13'03	
max. Earth dist.	-2088 Feb 29 j 00:44	18°♒45'24	1.33916 AU
superior conj	-2088 Mar 03 j 10:10	25°♒49'06	0°-57'-15
minimum elong	-2088 Mar 03 j 12:44	26°♒02'40	0°56'48
	-2088 Mar 05 j 09:35	0°♓	
asc. node	-2088 Mar 09 j 04:15	8°♓01'36	
evening rise	-2088 Mar 10 j 18:58	11°♓25'03	
	-2088 Mar 20 j 11:38	0°♈	
evening max el	-2088 Mar 31 j 14:29	14°♈49'06	21°58'02
retrograde	-2088 Apr 13 j 04:32	20°♈56'56	
evening set	-2088 Apr 15 j 21:48	20°♈40'28	
desc. node	-2088 Apr 19 j 06:55	19°♈38'18	
inferior conj	-2088 Apr 25 j 06:38	16°♈35'06	-1°-39'-42
minimum elong	-2088 Apr 25 j 02:07	16°♈41'27	1°38'10
min. Earth dist.	-2088 Apr 24 j 20:07	16°♈49'55	0.55153 AU
morning rise	-2088 May 04 j 07:46	12°♈38'02	
direct	-2088 May 07 j 03:47	12°♈20'07	
morning max el	-2088 May 19 j 04:03	17°♈59'07	21°32'33
	-2088 May 28 j 15:54	0°♉	
asc. node	-2088 Jun 05 j 03:36	13°♉25'10	
morning set	-2088 Jun 08 j 12:10	20°♉12'54	
	-2088 Jun 13 j 04:18	0°♊	
superior conj	-2088 Jun 15 j 22:15	5°♊45'15	1°32'14
minimum elong	-2088 Jun 15 j 19:48	5°♊32'31	1°32'01
max. Earth dist.	-2088 Jun 19 j 16:42	13°♊28'46	1.35045 AU
evening rise	-2088 Jun 24 j 05:44	22°♊24'13	
	-2088 Jun 28 j 07:40	0°♋	
desc. node	-2088 Jul 16 j 06:08	28°♋41'18	
	-2088 Jul 17 j 05:01	0°♌	
evening max el	-2088 Jul 29 j 10:54	14°♌30'03	26°48'03
retrograde	-2088 Aug 11 j 12:19	21°♌48'02	
evening set	-2088 Aug 18 j 05:25	19°♌02'47	
min. Earth dist.	-2088 Aug 22 j 04:45	14°♌59'25	0.65681 AU
inferior conj	-2088 Aug 23 j 23:28	12°♌53'15	-2°-35'-34
minimum elong	-2088 Aug 24 j 03:05	12°♌42'34	2°34'19
morning rise	-2088 Aug 30 j 01:57	7°♌09'38	
asc. node	-2088 Sep 01 j 02:46	6°♌27'54	
direct	-2088 Sep 01 j 22:37	6°♌24'05	
morning max el	-2088 Sep 08 j 13:59	10°♌03'17	18°27'37
	-2088 Sep 22 j 12:26	0°♍	
morning set	-2088 Sep 28 j 05:14	9°♍14'50	
	-2088 Oct 11 j 03:58	0°♎	
desc. node	-2088 Oct 12 j 05:35	1°♎41'18	
superior conj	-2088 Oct 13 j 13:22	3°♎46'42	0°-8'-32
minimum elong	-2088 Oct 13 j 12:14	3°♎42'15	0°08'24
behind sun begin	-2088 Oct 13 j 02:28	3°♎03'42	
behind sun end	-2088 Oct 13 j 22:00	4°♎20'48	
max. Earth dist.	-2088 Oct 15 j 02:25	6°♎12'39	1.44908 AU
evening rise	-2088 Oct 29 j 22:43	29°♎33'05	
	-2088 Oct 30 j 05:34	0°♏	
greatest brilliancy	-2088 Nov 11 j 14:54	19°♏21'51	-0.7m
	-2088 Nov 19 j 03:35	0°♐	
evening max el	-2088 Nov 21 j 20:55	3°♐07'32	19°15'07
asc. node	-2088 Nov 28 j 01:56	7°♐07'11	
retrograde	-2088 Nov 28 j 22:38	7°♐11'22	
evening set	-2088 Dec 02 j 04:47	6°♐09'37	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

inferior conj	-2088 Dec 07 j 21:19	0♐16'01	2°56'14
minimum elong	-2088 Dec 07 j 18:19	0♐25'33	2°55'22
	-2088 Dec 08 j 02:20	30℞♏	
min. Earth dist.	-2088 Dec 09 j 05:38	28°♏33'02	0.65908 AU
morning rise	-2088 Dec 13 j 07:00	24°♏03'50	
direct	-2088 Dec 19 j 14:56	21°♏18'08	
morning max el	-2087 Jan 01 j 06:42	28°♏45'05	26°16'02
	-2087 Jan 02 j 11:50	0♐	
desc. node	-2087 Jan 08 j 04:56	6♐36'12	
	-2087 Jan 24 j 12:15	0♑	
morning set	-2087 Feb 06 j 09:23	22°♑19'29	
	-2087 Feb 10 j 09:46	0♒	
max. Earth dist.	-2087 Feb 10 j 11:50	0♒10'06	1.35249 AU
superior conj	-2087 Feb 15 j 08:08	9°♒51'52	-1°-20'-52
minimum elong	-2087 Feb 15 j 11:28	10°♒08'54	1°20'25
evening rise	-2087 Feb 23 j 02:48	25°♒56'42	
asc. node	-2087 Feb 24 j 01:17	27°♒51'39	
	-2087 Feb 25 j 02:38	0♓	
evening max el	-2087 Mar 13 j 18:06	25°♓59'14	20°34'47
	-2087 Mar 19 j 09:03	0♈	
retrograde	-2087 Mar 24 j 17:57	1°♈14'36	
evening set	-2087 Mar 26 j 23:48	1°♈02'22	
	-2087 Mar 30 j 11:03	30℞♓	
inferior conj	-2087 Apr 05 j 01:57	27°♓04'58	0°18'19
minimum elong	-2087 Apr 05 j 02:47	27°♓03'45	0°18'01
desc. node	-2087 Apr 06 j 04:00	26°♓27'10	
min. Earth dist.	-2087 Apr 06 j 10:11	26°♓18'15	0.55251 AU
morning rise	-2087 Apr 14 j 03:55	22°♓49'42	
direct	-2087 Apr 17 j 15:56	22°♓23'03	
morning max el	-2087 May 01 j 00:26	28°♓53'40	23°08'59
	-2087 May 02 j 03:32	0♈	
	-2087 May 21 j 11:08	0♉	
asc. node	-2087 May 23 j 00:39	3°♉11'44	
morning set	-2087 May 23 j 23:21	5°♉09'50	
superior conj	-2087 May 31 j 03:32	20°♉28'15	1°16'01
minimum elong	-2087 May 31 j 00:57	20°♉14'31	1°15'40
max. Earth dist.	-2087 Jun 02 j 14:58	25°♉43'08	1.33855 AU
	-2087 Jun 04 j 16:22	0♊	
evening rise	-2087 Jun 07 j 20:07	6°♊22'50	
	-2087 Jun 20 j 22:08	0♋	
desc. node	-2087 Jul 03 j 03:10	17°♋50'33	
evening max el	-2087 Jul 11 j 22:17	27°♋48'20	27°20'05
	-2087 Jul 14 j 08:49	0♌	
retrograde	-2087 Jul 25 j 10:40	5°♌10'07	
evening set	-2087 Aug 01 j 12:37	2°♌25'51	
	-2087 Aug 04 j 05:48	30℞♋	
min. Earth dist.	-2087 Aug 05 j 05:36	28°♋58'52	0.64353 AU
inferior conj	-2087 Aug 07 j 13:44	26°♋27'31	-3°-23'-9
minimum elong	-2087 Aug 07 j 17:58	26°♋16'06	3°21'57
morning rise	-2087 Aug 14 j 01:03	20°♋59'44	
direct	-2087 Aug 16 j 16:19	20°♋23'51	
asc. node	-2087 Aug 18 j 23:50	20°♋51'33	
morning max el	-2087 Aug 23 j 04:42	23°♋51'49	18°02'13
	-2087 Aug 28 j 02:49	0♌	
morning set	-2087 Sep 09 j 16:49	20°♌34'35	
	-2087 Sep 15 j 06:54	0♍	
superior conj	-2087 Sep 23 j 00:31	12°♍43'09	0°38'49
minimum elong	-2087 Sep 23 j 04:45	13°♍00'17	0°38'17
max. Earth dist.	-2087 Sep 27 j 20:02	20°♍26'10	1.44394 AU
desc. node	-2087 Sep 29 j 02:35	22°♍27'16	
	-2087 Oct 03 j 21:48	0°♎	
evening rise	-2087 Oct 09 j 11:11	8°♎37'35	
	-2087 Oct 23 j 12:56	0°♏	
greatest brilliancy	-2087 Oct 29 j 06:42	8°♏13'28	-0.6m
evening max el	-2087 Nov 05 j 01:46	16°♏35'14	20°10'27
retrograde	-2087 Nov 12 j 19:56	21°♏08'28	
asc. node	-2087 Nov 14 j 22:59	20°♏42'24	
evening set	-2087 Nov 16 j 10:43	19°♏52'28	
inferior conj	-2087 Nov 21 j 23:06	13°♏46'26	2°14'42
minimum elong	-2087 Nov 21 j 20:27	13°♏55'21	2°13'45
min. Earth dist.	-2087 Nov 22 j 18:33	12°♏41'20	0.66788 AU
morning rise	-2087 Nov 27 j 05:36	7°♏31'03	
direct	-2087 Dec 02 j 23:14	5°♏00'29	
morning max el	-2087 Dec 14 j 15:15	11°♏57'01	24°59'16
desc. node	-2087 Dec 26 j 01:58	25°♏44'24	
	-2087 Dec 29 j 03:51	0♐	
	-2086 Jan 17 j 05:37	0♑	
morning set	-2086 Jan 19 j 18:31	4°♑27'36	
max. Earth dist.	-2086 Jan 23 j 12:02	11°♑13'55	1.37015 AU
superior conj	-2086 Jan 29 j 20:31	23°♑21'18	-1°-40'-45
minimum elong	-2086 Jan 29 j 23:54	23°♑37'53	1°40'29
	-2086 Feb 02 j 04:53	0♒	
evening rise	-2086 Feb 07 j 05:37	10°♒07'11	
asc. node	-2086 Feb 10 j 22:18	17°♒24'07	
	-2086 Feb 18 j 03:15	0♓	
evening max el	-2086 Feb 24 j 08:36	7°♓45'50	19°28'23
retrograde	-2086 Mar 05 j 15:41	12°♓12'00	
evening set	-2086 Mar 07 j 21:41	11°♓57'35	
inferior conj	-2086 Mar 16 j 07:53	7°♓51'25	2°03'13
minimum elong	-2086 Mar 16 j 12:18	7°♓44'15	2°01'53
min. Earth dist.	-2086 Mar 19 j 00:48	6°♓06'39	0.56261 AU
desc. node	-2086 Mar 24 j 01:04	3°♓26'53	
morning rise	-2086 Mar 24 j 23:15	3°♓06'20	
direct	-2086 Mar 29 j 13:34	2°♓18'26	
morning max el	-2086 Apr 12 j 15:26	9°♓26'42	24°48'27
	-2086 Apr 27 j 22:55	0♈	
morning set	-2086 May 08 j 11:28	20°♈10'43	
asc. node	-2086 May 09 j 21:40	23°♈11'54	
	-2086 May 13 j 01:20	0♉	
superior conj	-2086 May 15 j 12:48	5°♉23'17	0°56'06
minimum elong	-2086 May 15 j 10:37	5°♉11'24	0°55'43
max. Earth dist.	-2086 May 16 j 21:45	8°♉21'47	1.33040 AU
evening rise	-2086 May 22 j 19:43	20°♉49'36	
	-2086 May 27 j 11:18	0♊	
	-2086 Jun 15 j 00:25	0♋	
desc. node	-2086 Jun 20 j 00:12	6°♋09'42	
evening max el	-2086 Jun 24 j 07:29	10°♋40'52	27°22'29
retrograde	-2086 Jul 08 j 02:32	18°♋01'22	
evening set	-2086 Jul 15 j 06:33	15°♋31'01	
min. Earth dist.	-2086 Jul 18 j 20:32	12°♋33'46	0.62672 AU
inferior conj	-2086 Jul 21 j 17:48	9°♋46'58	-4°-2'-18
minimum elong	-2086 Jul 21 j 21:40	9°♋37'36	4°01'33
morning rise	-2086 Jul 28 j 15:08	4°♋38'22	
direct	-2086 Jul 31 j 03:26	4°♋09'24	
asc. node	-2086 Aug 05 j 20:54	6°♋41'26	
morning max el	-2086 Aug 06 j 19:45	7°♋34'12	17°54'49
	-2086 Aug 21 j 10:49	0♌	
morning set	-2086 Aug 23 j 03:03	2°♌59'08	
superior conj	-2086 Sep 03 j 13:16	22°♌55'39	1°15'08
minimum elong	-2086 Sep 03 j 18:37	23°♌18'14	1°14'35
	-2086 Sep 07 j 18:55	0♍	
max. Earth dist.	-2086 Sep 10 j 10:29	4°♍20'01	1.43226 AU
desc. node	-2086 Sep 15 j 23:34	13°♍12'03	
evening rise	-2086 Sep 18 j 16:41	17°♍27'01	
	-2086 Sep 26 j 21:43	0°♎	
greatest brilliancy	-2086 Oct 13 j 20:18	24°♎01'23	-0.4m
	-2086 Oct 18 j 23:52	0°♏	
evening max el	-2086 Oct 19 j 00:42	0°♏02'07	21°18'37

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

retrograde	-2086 Oct 27 j 16:51	5°♏10'57	
evening set	-2086 Oct 31 j 18:25	3°♏38'17	
asc. node	-2086 Nov 01 j 20:02	2°♏42'56	
	-2086 Nov 04 j 05:32	30°℞♎	
inferior conj	-2086 Nov 06 j 04:18	27°♎23'07	1°27'19
minimum elong	-2086 Nov 06 j 02:24	27°♎29'39	1°26'33
min. Earth dist.	-2086 Nov 06 j 12:16	26°♎55'42	0.67319 AU
morning rise	-2086 Nov 11 j 10:04	21°♎06'57	
direct	-2086 Nov 16 j 12:14	18°♎57'06	
morning max el	-2086 Nov 27 j 00:06	25°♎12'21	23°33'13
	-2086 Dec 01 j 08:07	0°♏	
desc. node	-2086 Dec 12 j 22:59	15°♏25'28	
	-2086 Dec 22 j 16:38	0°♐	
morning set	-2085 Jan 01 j 03:26	15°♐20'28	
max. Earth dist.	-2085 Jan 05 j 07:33	22°♐31'24	1.39060 AU
	-2085 Jan 09 j 11:58	0°♑	
superior conj	-2085 Jan 12 j 19:19	6°♑06'13	-1°-54'-21
minimum elong	-2085 Jan 12 j 21:30	6°♑16'26	1°54'20
evening rise	-2085 Jan 22 j 00:49	23°♑49'27	
	-2085 Jan 25 j 05:57	0°♒	
asc. node	-2085 Jan 28 j 19:19	6°♒32'42	
evening max el	-2085 Feb 07 j 08:43	20°♒06'47	18°41'36
retrograde	-2085 Feb 15 j 07:13	23°♒57'58	
evening set	-2085 Feb 17 j 16:44	23°♒38'12	
inferior conj	-2085 Feb 25 j 09:11	19°♒13'33	3°14'13
minimum elong	-2085 Feb 25 j 13:20	19°♒05'41	3°13'22
min. Earth dist.	-2085 Feb 28 j 17:31	16°♒43'04	0.57937 AU
morning rise	-2085 Mar 05 j 06:06	13°♒58'39	
desc. node	-2085 Mar 10 j 22:07	12°♒36'53	
direct	-2085 Mar 11 j 00:08	12°♒36'52	
morning max el	-2085 Mar 25 j 07:29	20°♒07'12	26°16'08
	-2085 Apr 02 j 18:24	0°♓	
	-2085 Apr 20 j 10:44	0°♈	
morning set	-2085 Apr 22 j 22:53	5°♈09'49	
asc. node	-2085 Apr 26 j 18:42	13°♈20'47	
superior conj	-2085 Apr 30 j 00:10	20°♈24'01	0°33'26
minimum elong	-2085 Apr 29 j 22:44	20°♈16'13	0°33'09
max. Earth dist.	-2085 Apr 30 j 09:41	21°♈16'10	1.32577 AU
	-2085 May 04 j 10:12	0°♉	
evening rise	-2085 May 07 j 01:35	5°♉34'44	
	-2085 May 20 j 02:57	0°♊	
evening max el	-2085 Jun 06 j 11:48	22°♊55'41	26°52'04
desc. node	-2085 Jun 06 j 21:14	23°♊17'57	
	-2085 Jun 18 j 03:28	0°♋	
retrograde	-2085 Jun 20 j 11:14	0°♋13'51	
	-2085 Jun 22 j 18:10	30°℞♊	
evening set	-2085 Jun 27 j 07:02	28°♊10'59	
min. Earth dist.	-2085 Jul 01 j 01:19	25°♊30'32	0.60715 AU
inferior conj	-2085 Jul 04 j 08:18	22°♊43'51	-4°-27'-7
minimum elong	-2085 Jul 04 j 10:19	22°♊39'34	4°26'56
morning rise	-2085 Jul 11 j 16:40	17°♊57'12	
direct	-2085 Jul 14 j 04:01	17°♊33'11	
morning max el	-2085 Jul 21 j 08:24	21°♊04'27	18°06'25
asc. node	-2085 Jul 23 j 17:58	23°♊42'56	
	-2085 Jul 28 j 03:22	0°♋	
morning set	-2085 Aug 06 j 06:19	16°♋13'34	
	-2085 Aug 13 j 17:13	0°♌	
superior conj	-2085 Aug 16 j 05:10	4°♌29'31	1°37'30
minimum elong	-2085 Aug 16 j 08:42	4°♌45'18	1°37'17
max. Earth dist.	-2085 Aug 23 j 19:33	17°♌38'18	1.41557 AU
evening rise	-2085 Aug 29 j 10:20	26°♌52'00	
	-2085 Aug 31 j 09:23	0°♍	
desc. node	-2085 Sep 02 j 20:34	3°♍52'48	
	-2085 Sep 20 j 16:10	0°♎	
greatest brilliancy	-2085 Sep 26 j 22:27	8°♎05'41	-0.3m
evening max el	-2085 Oct 01 j 17:48	13°♎29'10	22°35'37
retrograde	-2085 Oct 11 j 11:49	19°♎16'46	
evening set	-2085 Oct 16 j 02:09	17°♎25'40	
asc. node	-2085 Oct 19 j 17:06	13°♎27'28	
inferior conj	-2085 Oct 21 j 11:02	11°♎04'57	0°35'58
minimum elong	-2085 Oct 21 j 10:12	11°♎07'49	0°35'36
min. Earth dist.	-2085 Oct 21 j 08:29	11°♎13'46	0.67530 AU
morning rise	-2085 Oct 26 j 18:11	4°♎50'28	
direct	-2085 Oct 31 j 05:19	3°♎03'00	
morning max el	-2085 Nov 09 j 12:26	8°♎33'15	22°07'05
greatest brilliancy	-2085 Nov 14 j 06:00	13°♎54'06	-0.4m
	-2085 Nov 26 j 02:12	0°♏	
desc. node	-2085 Nov 29 j 20:00	5°♏30'08	
morning set	-2085 Dec 12 j 07:30	24°♏49'07	
	-2085 Dec 15 j 11:58	0°♐	
max. Earth dist.	-2085 Dec 18 j 05:54	4°♐33'34	1.41129 AU
superior conj	-2085 Dec 25 j 23:27	17°♐53'39	-1°-58'-10
minimum elong	-2085 Dec 25 j 22:43	17°♐50'23	1°58'13
	-2084 Jan 01 j 15:39	0°♑	
evening rise	-2084 Jan 05 j 09:13	6°♑55'58	
asc. node	-2084 Jan 15 j 16:22	25°♑09'28	
	-2084 Jan 19 j 01:58	0°♒	
evening max el	-2084 Jan 21 j 15:54	2°♒54'47	18°14'58
retrograde	-2084 Jan 28 j 17:07	6°♒26'44	
evening set	-2084 Jan 31 j 06:12	6°♒00'01	
inferior conj	-2084 Feb 07 j 07:07	1°♒13'57	3°49'39
minimum elong	-2084 Feb 07 j 08:56	1°♒09'57	3°49'27
	-2084 Feb 08 j 16:33	30°℞♑	
min. Earth dist.	-2084 Feb 10 j 15:15	28°♑19'07	0.59947 AU
morning rise	-2084 Feb 14 j 08:30	25°♑36'40	
direct	-2084 Feb 20 j 23:00	23°♑36'26	
desc. node	-2084 Feb 25 j 19:12	24°♑36'51	
	-2084 Mar 04 j 19:32	0°♒	
morning max el	-2084 Mar 06 j 05:02	1°♒18'59	27°17'33
	-2084 Mar 26 j 21:15	0°♓	
morning set	-2084 Apr 06 j 07:48	19°♓59'46	
	-2084 Apr 11 j 00:37	0°♈	
asc. node	-2084 Apr 12 j 15:44	3°♈33'13	
superior conj	-2084 Apr 13 j 11:51	5°♈23'21	0°08'51
minimum elong	-2084 Apr 13 j 11:27	5°♈21'10	0°08'46
behind sun begin	-2084 Apr 13 j 07:15	4°♈58'10	
behind sun end	-2084 Apr 13 j 15:39	5°♈44'11	
max. Earth dist.	-2084 Apr 12 j 22:53	4°♈12'21	1.32464 AU
evening rise	-2084 Apr 20 j 11:15	20°♈29'01	
	-2084 Apr 25 j 03:36	0°♉	
	-2084 May 14 j 05:26	0°♊	
evening max el	-2084 May 18 j 09:28	4°♊25'46	25°50'28
desc. node	-2084 May 23 j 18:18	8°♊45'02	
retrograde	-2084 Jun 01 j 11:15	11°♊39'58	
evening set	-2084 Jun 07 j 10:03	10°♊14'38	
min. Earth dist.	-2084 Jun 11 j 21:52	7°♊33'08	0.58662 AU
inferior conj	-2084 Jun 15 j 05:31	5°♊07'21	-4°-28'-48
minimum elong	-2084 Jun 15 j 03:59	5°♊10'10	4°28'43
morning rise	-2084 Jun 23 j 01:47	0°♊43'21	
direct	-2084 Jun 25 j 13:28	0°♊23'06	
morning max el	-2084 Jul 03 j 15:37	4°♊12'48	18°37'59
asc. node	-2084 Jul 09 j 15:02	11°♊39'56	
morning set	-2084 Jul 19 j 21:49	0°♋04'36	
	-2084 Jul 19 j 20:52	0°♋	
superior conj	-2084 Jul 28 j 19:06	17°♋09'44	1°47'20
minimum elong	-2084 Jul 28 j 20:11	17°♋14'52	1°47'22
	-2084 Aug 04 j 20:33	0°♌	
max. Earth dist.	-2084 Aug 04 j 23:06	0°♌11'12	1.39612 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening rise	-2084 Aug 09 j 03:53	7°♌25'05	
desc. node	-2084 Aug 19 j 17:35	24°♌25'19	
	-2084 Aug 23 j 10:23	0°♍	
evening max el	-2084 Sep 13 j 06:40	26°♍58'25	23°56'07
	-2084 Sep 16 j 15:00	0°♎	
retrograde	-2084 Sep 24 j 03:38	3°♎22'45	
evening set	-2084 Sep 29 j 08:12	1°♎12'46	
	-2084 Sep 30 j 14:50	30°℞♍	
min. Earth dist.	-2084 Oct 04 j 04:47	25°♍33'48	0.67432 AU
inferior conj	-2084 Oct 04 j 17:35	24°♍50'18	0°-17'-44
minimum elong	-2084 Oct 04 j 18:00	24°♍48'52	0°17'34
asc. node	-2084 Oct 05 j 14:10	23°♍40'45	
morning rise	-2084 Oct 10 j 04:00	18°♍40'19	
direct	-2084 Oct 14 j 01:36	17°♍14'01	
morning max el	-2084 Oct 22 j 07:04	22°♍02'37	20°48'15
greatest brilliancy	-2084 Oct 28 j 04:45	29°♍00'19	-0.5m
	-2084 Oct 28 j 22:55	0°♎	
desc. node	-2084 Nov 15 j 17:01	25°♎51'41	
	-2084 Nov 18 j 09:37	0°♏	
morning set	-2084 Nov 20 j 10:59	3°♏11'28	
max. Earth dist.	-2084 Nov 29 j 10:59	17°♏28'52	1.42938 AU
superior conj	-2084 Dec 06 j 03:24	28°♏30'49	-1°-48'00
minimum elong	-2084 Dec 05 j 22:25	28°♏09'56	1°47'44
	-2084 Dec 07 j 00:33	0°♐	
evening rise	-2084 Dec 18 j 02:56	19°♐18'29	
	-2084 Dec 24 j 04:19	0°♑	
asc. node	-2083 Jan 01 j 13:25	13°♑04'32	
evening max el	-2083 Jan 04 j 03:15	16°♑01'47	18°08'05
retrograde	-2083 Jan 10 j 17:44	19°♑28'22	
evening set	-2083 Jan 13 j 10:20	18°♑53'37	
inferior conj	-2083 Jan 19 j 22:49	13°♑46'11	3°56'49
minimum elong	-2083 Jan 19 j 22:13	13°♑47'39	3°56'45
min. Earth dist.	-2083 Jan 22 j 20:47	10°♑51'16	0.61972 AU
morning rise	-2083 Jan 26 j 07:51	7°♑54'14	
direct	-2083 Feb 02 j 07:58	5°♑22'41	
desc. node	-2083 Feb 11 j 16:15	9°♑07'04	
morning max el	-2083 Feb 16 j 08:37	13°♑10'47	27°44'05
	-2083 Mar 01 j 20:17	0°♒	
	-2083 Mar 19 j 05:42	0°♓	
morning set	-2083 Mar 21 j 12:11	4°♓33'18	
max. Earth dist.	-2083 Mar 27 j 09:28	16°♓56'24	1.32713 AU
superior conj	-2083 Mar 28 j 22:15	20°♓15'30	0°-16'-51
minimum elong	-2083 Mar 28 j 23:01	20°♓19'43	0°16'42
asc. node	-2083 Mar 30 j 12:47	23°♓45'10	
	-2083 Apr 02 j 09:50	0°♈	
evening rise	-2083 Apr 04 j 22:46	5°♈25'31	
	-2083 Apr 18 j 02:21	0°♉	
evening max el	-2083 Apr 30 j 01:50	15°♉19'14	24°25'46
desc. node	-2083 May 10 j 15:21	21°♉54'43	
retrograde	-2083 May 14 j 00:08	22°♉20'45	
evening set	-2083 May 18 j 15:15	21°♉32'35	
min. Earth dist.	-2083 May 24 j 13:36	18°♉33'52	0.56818 AU
inferior conj	-2083 May 27 j 06:50	16°♉49'44	-3°-55'-58
minimum elong	-2083 May 27 j 01:24	16°♉58'29	3°54'59
morning rise	-2083 Jun 04 j 15:31	12°♉44'43	
direct	-2083 Jun 07 j 04:21	12°♉27'10	
morning max el	-2083 Jun 16 j 14:27	16°♉49'36	19°30'11
	-2083 Jun 26 j 07:33	0°♊	
asc. node	-2083 Jun 26 j 12:05	0°♊19'37	
morning set	-2083 Jul 03 j 22:00	14°♊23'01	
	-2083 Jul 11 j 17:14	0°♋	
superior conj	-2083 Jul 12 j 01:21	0°♋39'54	1°47'12
minimum elong	-2083 Jul 12 j 00:28	0°♋35'33	1°47'14
max. Earth dist.	-2083 Jul 18 j 01:28	12°♋08'41	1.37655 AU
evening rise	-2083 Jul 21 j 22:36	19°♋11'29	
	-2083 Jul 28 j 05:46	0°♌	
desc. node	-2083 Aug 06 j 14:38	14°♌44'31	
	-2083 Aug 17 j 13:49	0°♍	
evening max el	-2083 Aug 26 j 17:53	10°♍31'30	25°13'06
retrograde	-2083 Sep 07 j 15:13	17°♍24'32	
evening set	-2083 Sep 13 j 10:46	14°♍57'08	
min. Earth dist.	-2083 Sep 17 j 22:40	9°♍53'46	0.67023 AU
inferior conj	-2083 Sep 18 j 22:10	8°♍36'55	-1°-12'-16
minimum elong	-2083 Sep 18 j 23:55	8°♍31'10	1°11'33
asc. node	-2083 Sep 22 j 11:15	4°♍20'58	
morning rise	-2083 Sep 24 j 13:34	2°♍34'28	
direct	-2083 Sep 27 j 23:43	1°♍26'37	
morning max el	-2083 Oct 05 j 09:07	5°♍40'59	19°41'35
greatest brilliancy	-2083 Oct 13 j 15:40	16°♍08'00	-0.6m
	-2083 Oct 22 j 23:03	0°♎	
morning set	-2083 Oct 30 j 09:15	11°♎26'29	
desc. node	-2083 Nov 02 j 14:02	16°♎24'46	
	-2083 Nov 11 j 05:43	0°♏	
max. Earth dist.	-2083 Nov 11 j 23:15	1°♏09'33	1.44246 AU
superior conj	-2083 Nov 16 j 04:05	7°♏52'28	-1°-20'-30
minimum elong	-2083 Nov 15 j 20:26	7°♏21'42	1°19'46
	-2083 Nov 29 j 14:04	0°♐	
evening rise	-2083 Nov 30 j 01:26	0°♐47'58	
evening max el	-2083 Dec 18 j 15:51	29°♐19'56	18°20'09
asc. node	-2083 Dec 19 j 10:29	0°♑05'05	
	-2083 Dec 19 j 08:17	0°♑	
retrograde	-2083 Dec 25 j 04:35	2°♑53'03	
evening set	-2083 Dec 28 j 01:24	2°♑09'01	
	-2083 Dec 31 j 00:25	30°℞♐	
inferior conj	-2082 Jan 03 j 04:17	26°♐41'34	3°43'44
minimum elong	-2082 Jan 03 j 02:05	26°♐47'44	3°43'24
min. Earth dist.	-2082 Jan 05 j 11:43	24°♐06'23	0.63781 AU
morning rise	-2082 Jan 09 j 01:15	20°♐39'44	
direct	-2082 Jan 16 j 00:37	17°♐51'23	
morning max el	-2082 Jan 29 j 16:23	25°♐38'15	27°34'14
desc. node	-2082 Jan 29 j 13:18	25°♐30'36	
	-2082 Feb 02 j 17:33	0°♑	
	-2082 Feb 23 j 07:40	0°♒	
morning set	-2082 Mar 05 j 09:30	18°♒41'15	
max. Earth dist.	-2082 Mar 10 j 13:33	29°♒14'56	1.33353 AU
	-2082 Mar 10 j 22:08	0°♓	
superior conj	-2082 Mar 13 j 05:30	4°♓53'39	0°-42'-43
minimum elong	-2082 Mar 13 j 07:28	5°♓04'08	0°42'21
asc. node	-2082 Mar 17 j 09:51	13°♓52'02	
evening rise	-2082 Mar 20 j 10:18	20°♓17'12	
	-2082 Mar 25 j 05:06	0°♈	
evening max el	-2082 Apr 11 j 17:48	25°♈58'21	22°51'18
	-2082 Apr 16 j 20:26	0°♉	
retrograde	-2082 Apr 24 j 23:54	2°♉30'28	
desc. node	-2082 Apr 27 j 12:23	2°♉16'28	
evening set	-2082 Apr 28 j 06:58	2°♉06'45	
	-2082 May 03 j 16:31	30°℞♈	
min. Earth dist.	-2082 May 06 j 03:16	28°♈39'22	0.55528 AU
inferior conj	-2082 May 07 j 13:16	27°♈50'22	-2°-40'-29
minimum elong	-2082 May 07 j 06:56	27°♈59'31	2°38'37
morning rise	-2082 May 16 j 09:34	23°♈54'52	
direct	-2082 May 19 j 01:37	23°♈38'04	
morning max el	-2082 May 30 j 02:46	28°♈46'39	20°42'41
	-2082 May 31 j 08:44	0°♉	
asc. node	-2082 Jun 13 j 09:10	19°♉31'56	
morning set	-2082 Jun 18 j 04:09	29°♉01'54	
	-2082 Jun 18 j 15:30	0°♊	
superior conj	-2082 Jun 25 j 19:15	14°♊46'49	1°39'26

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2082 Jun 25 j 17:10	14°♊36'09	1°39'19
max. Earth dist.	-2082 Jun 30 j 09:13	23°♊57'30	1.35907 AU
	-2082 Jul 03 j 12:34	0°♋	
evening rise	-2082 Jul 04 j 14:15	2°♋00'35	
	-2082 Jul 21 j 06:12	0°♌	
desc. node	-2082 Jul 24 j 11:39	4°♌44'08	
evening max el	-2082 Aug 09 j 05:20	24°♌06'06	26°18'38
	-2082 Aug 17 j 00:12	0°♍	
retrograde	-2082 Aug 21 j 21:55	1°♍17'05	
	-2082 Aug 26 j 09:22	30°℞♌	
evening set	-2082 Aug 28 j 07:51	28°♌36'27	
min. Earth dist.	-2082 Sep 01 j 11:39	24°♌10'57	0.66279 AU
inferior conj	-2082 Sep 02 j 22:56	22°♌22'13	-2°-5'-53
minimum elong	-2082 Sep 03 j 01:57	22°♌12'55	2°04'44
morning rise	-2082 Sep 08 j 20:56	16°♌30'42	
asc. node	-2082 Sep 09 j 08:18	16°♌15'35	
direct	-2082 Sep 11 j 21:56	15°♌37'52	
morning max el	-2082 Sep 18 j 17:49	19°♌27'06	18°49'56
	-2082 Sep 26 j 20:21	0°♍	
morning set	-2082 Oct 10 j 01:38	20°♍40'20	
	-2082 Oct 15 j 23:03	0°♎	
desc. node	-2082 Oct 20 j 11:04	7°♎05'45	
max. Earth dist.	-2082 Oct 25 j 16:43	15°♎20'12	1.44887 AU
superior conj	-2082 Oct 26 j 07:48	16°♎19'37	0°-37'-10
minimum elong	-2082 Oct 26 j 03:00	16°♎00'40	0°36'35
	-2082 Nov 03 j 23:16	0°♏	
evening rise	-2082 Nov 11 j 00:50	11°♏18'32	
	-2082 Nov 22 j 17:24	0°♐	
evening max el	-2082 Dec 02 j 03:09	12°♐44'26	18°50'09
asc. node	-2082 Dec 06 j 07:30	15°♐57'07	
retrograde	-2082 Dec 08 j 21:57	16°♐34'15	
evening set	-2082 Dec 12 j 00:16	15°♐39'24	
inferior conj	-2082 Dec 17 j 19:57	9°♐54'18	3°16'33
minimum elong	-2082 Dec 17 j 17:03	10°♐03'14	3°15'50
min. Earth dist.	-2082 Dec 19 j 12:18	7°♐50'50	0.65246 AU
morning rise	-2082 Dec 23 j 08:48	3°♐45'20	
direct	-2082 Dec 29 j 23:48	0°♐55'19	
morning max el	-2081 Jan 12 j 01:58	8°♐32'16	26°52'01
desc. node	-2081 Jan 16 j 10:21	13°♐15'50	
	-2081 Jan 28 j 21:46	0°♑	
	-2081 Feb 15 j 16:25	0°♒	
morning set	-2081 Feb 16 j 20:28	2°♒13'17	
max. Earth dist.	-2081 Feb 21 j 07:39	10°♒59'42	1.34431 AU
superior conj	-2081 Feb 25 j 07:34	19°♒11'09	-1°-7'-35
minimum elong	-2081 Feb 25 j 10:32	19°♒26'33	1°07'08
	-2081 Mar 02 j 11:06	0°♓	
asc. node	-2081 Mar 04 j 06:52	3°♓49'22	
evening rise	-2081 Mar 04 j 20:03	4°♓57'52	
	-2081 Mar 18 j 19:53	0°♈	
evening max el	-2081 Mar 24 j 15:41	6°♈50'14	21°20'50
retrograde	-2081 Apr 05 j 14:12	12°♈36'10	
evening set	-2081 Apr 08 j 01:01	12°♈22'24	
desc. node	-2081 Apr 14 j 09:26	10°♈00'02	
inferior conj	-2081 Apr 17 j 08:36	8°♈22'39	0°-50'-5
minimum elong	-2081 Apr 17 j 06:14	8°♈25'58	0°49'16
min. Earth dist.	-2081 Apr 17 j 16:34	8°♈11'27	0.55076 AU
morning rise	-2081 Apr 26 j 11:29	4°♈20'26	
direct	-2081 Apr 29 j 13:05	3°♈59'57	
morning max el	-2081 May 12 j 04:14	10°♈01'13	22°12'31
	-2081 May 26 j 12:10	0°♉	
asc. node	-2081 May 31 j 06:13	9°♉07'58	
morning set	-2081 Jun 02 j 14:03	13°♉54'05	
superior conj	-2081 Jun 09 j 21:10	29°♉19'08	1°25'53
minimum elong	-2081 Jun 09 j 18:36	29°♉05'35	1°25'36
	-2081 Jun 10 j 04:57	0°♊	
max. Earth dist.	-2081 Jun 13 j 02:08	5°♊59'39	1.34492 AU
evening rise	-2081 Jun 17 j 21:37	15°♊37'20	
	-2081 Jun 25 j 16:45	0°♋	
desc. node	-2081 Jul 11 j 08:40	24°♋15'01	
	-2081 Jul 15 j 20:00	0°♌	
evening max el	-2081 Jul 22 j 16:57	7°♌32'59	27°04'53
retrograde	-2081 Aug 04 j 23:14	14°♌52'43	
evening set	-2081 Aug 11 j 20:56	12°♌06'24	
min. Earth dist.	-2081 Aug 15 j 17:21	8°♌19'10	0.65171 AU
inferior conj	-2081 Aug 17 j 17:43	6°♌01'33	-2°-56'-29
minimum elong	-2081 Aug 17 j 21:41	5°♌50'16	2°55'12
morning rise	-2081 Aug 23 j 23:49	0°♌24'21	
	-2081 Aug 24 j 23:49	30°℞♋	
direct	-2081 Aug 26 j 17:59	29°♋43'11	
asc. node	-2081 Aug 27 j 05:22	29°♋44'25	
	-2081 Aug 28 j 12:26	0°♌	
morning max el	-2081 Sep 02 j 07:06	3°♌16'10	18°14'41
	-2081 Sep 20 j 03:28	0°♍	
morning set	-2081 Sep 20 j 21:42	1°♍15'23	
superior conj	-2081 Oct 05 j 09:46	24°♍46'58	0°12'28
minimum elong	-2081 Oct 05 j 11:20	24°♍53'12	0°12'15
behind sun begin	-2081 Oct 05 j 04:02	24°♍24'09	
behind sun end	-2081 Oct 05 j 18:39	25°♍22'13	
desc. node	-2081 Oct 07 j 08:05	27°♍50'33	
max. Earth dist.	-2081 Oct 08 j 11:26	29°♍38'38	1.44784 AU
	-2081 Oct 08 j 16:51	0°♎	
evening rise	-2081 Oct 22 j 00:17	20°♎49'41	
	-2081 Oct 27 j 21:58	0°♏	
greatest brilliancy	-2081 Nov 07 j 02:56	15°♏28'07	-0.7m
evening max el	-2081 Nov 15 j 10:46	26°♏11'07	19°36'49
	-2081 Nov 20 j 13:40	0°♐	
retrograde	-2081 Nov 22 j 18:40	0°♐26'39	
asc. node	-2081 Nov 23 j 04:31	0°♐25'41	
	-2081 Nov 24 j 21:58	30°℞♏	
evening set	-2081 Nov 26 j 04:17	29°♏18'58	
inferior conj	-2081 Dec 01 j 18:49	23°♏19'22	2°39'26
minimum elong	-2081 Dec 01 j 15:54	23°♏28'53	2°38'30
min. Earth dist.	-2081 Dec 02 j 21:21	21°♏52'43	0.66328 AU
morning rise	-2081 Dec 07 j 02:49	17°♏05'34	
direct	-2081 Dec 13 j 04:48	14°♏25'41	
morning max el	-2081 Dec 25 j 11:18	21°♏41'07	25°45'12
	-2080 Jan 01 j 18:10	0°♐	
desc. node	-2080 Jan 03 j 07:25	1°♐58'53	
	-2080 Jan 22 j 03:17	0°♑	
morning set	-2080 Jan 30 j 16:41	14°♑56'56	
max. Earth dist.	-2080 Feb 03 j 14:08	22°♑14'11	1.35953 AU
	-2080 Feb 07 j 13:42	0°♒	
superior conj	-2080 Feb 09 j 01:53	3°♒00'45	-1°-29'-53
minimum elong	-2080 Feb 09 j 05:21	3°♒18'12	1°29'31
evening rise	-2080 Feb 17 j 02:04	19°♒21'36	
asc. node	-2080 Feb 19 j 03:53	23°♒32'39	
	-2080 Feb 22 j 11:47	0°♓	
evening max el	-2080 Mar 05 j 23:47	18°♓14'58	20°04'13
retrograde	-2080 Mar 16 j 06:04	23°♓08'49	
evening set	-2080 Mar 18 j 10:59	22°♓56'13	
inferior conj	-2080 Mar 27 j 06:55	18°♓56'23	1°06'08
minimum elong	-2080 Mar 27 j 09:44	18°♓52'07	1°05'11
min. Earth dist.	-2080 Mar 29 j 06:43	17°♓44'19	0.55571 AU
desc. node	-2080 Mar 31 j 06:30	16°♓36'02	
morning rise	-2080 Apr 05 j 05:44	14°♓29'17	
direct	-2080 Apr 09 j 03:45	13°♓55'36	
morning max el	-2080 Apr 22 j 21:47	20°♓44'08	23°51'56
	-2080 Apr 30 j 19:26	0°♈	
morning set	-2080 May 17 j 01:51	28°♈53'42	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2080 May 17 j 03:16	29°♈01'09	
	-2080 May 17 j 14:27	0°♉	
superior conj	-2080 May 24 j 04:26	14°♉08'21	1°07'58
minimum elong	-2080 May 24 j 01:58	13°♉55'06	1°07'36
max. Earth dist.	-2080 May 26 j 04:19	18°♉24'43	1.33456 AU
evening rise	-2080 May 31 j 16:20	29°♉49'06	
	-2080 May 31 j 18:31	0°♊	
	-2080 Jun 17 j 18:15	0°♋	
desc. node	-2080 Jun 27 j 05:40	13°♋05'05	
evening max el	-2080 Jul 04 j 03:28	20°♋41'06	27°24'53
retrograde	-2080 Jul 17 j 18:59	28°♋03'09	
evening set	-2080 Jul 24 j 23:00	25°♋22'41	
min. Earth dist.	-2080 Jul 28 j 13:57	22°♋09'52	0.63685 AU
inferior conj	-2080 Jul 31 j 04:01	19°♋30'05	-3°-41'-3
minimum elong	-2080 Jul 31 j 08:15	19°♋19'10	3°40'01
morning rise	-2080 Aug 06 j 19:30	14°♋10'25	
direct	-2080 Aug 09 j 09:13	13°♋37'51	
asc. node	-2080 Aug 13 j 02:27	14°♋46'19	
morning max el	-2080 Aug 15 j 22:22	17°♋03'13	17°56'48
	-2080 Aug 25 j 04:30	0°♌	
morning set	-2080 Sep 01 j 19:36	13°♌04'18	
	-2080 Sep 11 j 17:45	0°♍	
superior conj	-2080 Sep 14 j 06:57	4°♍13'31	0°55'54
minimum elong	-2080 Sep 14 j 12:10	4°♍34'58	0°55'16
max. Earth dist.	-2080 Sep 20 j 03:51	13°♍45'05	1.43971 AU
desc. node	-2080 Sep 23 j 05:03	18°♍36'11	
evening rise	-2080 Sep 30 j 07:28	29°♍41'24	
	-2080 Sep 30 j 12:18	0°♎	
	-2080 Oct 20 j 17:33	0°♏	
greatest brilliancy	-2080 Oct 22 j 13:08	2°♏26'57	-0.5m
evening max el	-2080 Oct 28 j 13:03	9°♏37'48	20°38'03
retrograde	-2080 Nov 05 j 16:10	14°♏26'06	
evening set	-2080 Nov 09 j 11:12	13°♏03'20	
asc. node	-2080 Nov 09 j 01:34	13°♏20'02	
inferior conj	-2080 Nov 14 j 22:19	6°♏52'46	1°55'13
minimum elong	-2080 Nov 14 j 19:56	7°♏00'51	1°54'18
min. Earth dist.	-2080 Nov 15 j 12:43	6°♏03'48	0.67051 AU
morning rise	-2080 Nov 20 j 04:12	0°♏36'29	
	-2080 Nov 20 j 21:56	30°℞♎	
direct	-2080 Nov 25 j 15:10	28°♎14'25	
	-2080 Nov 30 j 22:02	0°♏	
morning max el	-2080 Dec 06 j 19:51	4°♏55'07	24°23'11
desc. node	-2080 Dec 20 j 04:27	21°♏22'14	
	-2080 Dec 26 j 04:17	0°♐	
morning set	-2079 Jan 11 j 16:19	26°♐35'05	
	-2079 Jan 13 j 14:56	0°♑	
max. Earth dist.	-2079 Jan 15 j 11:19	3°♑18'45	1.37858 AU
superior conj	-2079 Jan 22 j 09:00	16°♑12'14	-1°-47'-30
minimum elong	-2079 Jan 22 j 12:04	16°♑26'57	1°47'20
	-2079 Jan 29 j 09:31	0°♒	
evening rise	-2079 Jan 31 j 02:00	3°♒20'44	
asc. node	-2079 Feb 05 j 00:54	12°♒55'38	
	-2079 Feb 16 j 11:47	0°♓	
evening max el	-2079 Feb 16 j 18:38	0°♓16'38	19°06'03
retrograde	-2079 Feb 25 j 10:49	4°♓26'09	
evening set	-2079 Feb 27 j 17:59	4°♓09'53	
inferior conj	-2079 Mar 07 j 20:34	29°♒56'49	2°37'54
minimum elong	-2079 Mar 08 j 01:16	29°♒48'39	2°36'40
	-2079 Mar 07 j 18:43	30°℞♒	
min. Earth dist.	-2079 Mar 10 j 22:18	27°♒50'10	0.56904 AU
morning rise	-2079 Mar 16 j 04:32	24°♒57'56	
desc. node	-2079 Mar 18 j 03:34	24°♒20'15	
direct	-2079 Mar 21 j 06:56	23°♒56'47	
	-2079 Apr 03 j 03:21	0°♓	
morning max el	-2079 Apr 04 j 12:40	1°♓17'05	25°28'08
	-2079 Apr 24 j 14:10	0°♈	
morning set	-2079 May 01 j 13:51	13°♈53'58	
asc. node	-2079 May 04 j 00:18	19°♈05'10	
superior conj	-2079 May 08 j 14:49	29°♈06'16	0°46'46
minimum elong	-2079 May 08 j 12:55	28°♈55'52	0°46'25
	-2079 May 09 j 00:41	0°♉	
max. Earth dist.	-2079 May 09 j 13:28	1°♉09'38	1.32793 AU
evening rise	-2079 May 15 j 18:54	14°♉24'10	
	-2079 May 23 j 20:02	0°♊	
	-2079 Jun 13 j 05:41	0°♋	
desc. node	-2079 Jun 14 j 02:42	0°♋56'48	
evening max el	-2079 Jun 16 j 10:46	3°♋18'06	27°13'38
retrograde	-2079 Jun 30 j 08:19	10°♋38'34	
evening set	-2079 Jul 07 j 10:06	8°♋18'12	
min. Earth dist.	-2079 Jul 11 j 00:37	5°♋29'59	0.61859 AU
inferior conj	-2079 Jul 14 j 02:44	2°♋40'43	-4°-15'-3
minimum elong	-2079 Jul 14 j 06:02	2°♋33'08	4°14'34
	-2079 Jul 17 j 05:13	30°℞♊	
morning rise	-2079 Jul 21 j 04:40	27°♊41'16	
direct	-2079 Jul 23 j 16:10	27°♊14'46	
	-2079 Jul 29 j 18:58	0°♋	
morning max el	-2079 Jul 30 j 12:48	0°♋41'24	17°57'22
asc. node	-2079 Jul 30 j 23:32	1°♋08'20	
morning set	-2079 Aug 15 j 13:46	25°♋51'44	
	-2079 Aug 17 j 20:28	0°♌	
superior conj	-2079 Aug 26 j 07:42	15°♌01'58	1°26'17
minimum elong	-2079 Aug 26 j 12:29	15°♌22'38	1°25'52
max. Earth dist.	-2079 Sep 02 j 15:41	27°♌23'42	1.42563 AU
	-2079 Sep 04 j 05:55	0°♍	
evening rise	-2079 Sep 09 j 16:01	8°♍40'24	
desc. node	-2079 Sep 10 j 02:04	9°♍19'51	
	-2079 Sep 23 j 17:41	0°♎	
greatest brilliancy	-2079 Oct 06 j 13:34	17°♎35'08	-0.4m
evening max el	-2079 Oct 11 j 09:26	23°♎04'56	21°50'36
retrograde	-2079 Oct 20 j 12:28	28°♎30'25	
evening set	-2079 Oct 24 j 19:08	26°♎50'20	
asc. node	-2079 Oct 26 j 22:39	24°♎44'57	
inferior conj	-2079 Oct 30 j 04:26	20°♎32'24	1°05'58
minimum elong	-2079 Oct 30 j 02:57	20°♎37'30	1°05'20
min. Earth dist.	-2079 Oct 30 j 07:56	20°♎20'19	0.67447 AU
morning rise	-2079 Nov 04 j 10:31	14°♎16'22	
direct	-2079 Nov 09 j 06:12	12°♎15'48	
morning max el	-2079 Nov 19 j 05:41	18°♎12'20	22°55'59
greatest brilliancy	-2079 Nov 24 j 01:03	23°♎35'50	-0.3m
	-2079 Nov 29 j 01:05	0°♏	
desc. node	-2079 Dec 07 j 01:28	11°♏14'29	
	-2079 Dec 19 j 07:48	0°♐	
morning set	-2079 Dec 23 j 13:13	6°♐52'27	
max. Earth dist.	-2079 Dec 28 j 06:41	14°♐50'24	1.39956 AU
superior conj	-2078 Jan 05 j 00:34	28°♐34'32	-1°-57'-25
minimum elong	-2078 Jan 05 j 01:44	28°♐39'53	1°57'27
	-2078 Jan 05 j 19:11	0°♑	
evening rise	-2078 Jan 14 j 17:02	16°♑48'29	
	-2078 Jan 21 j 19:56	0°♒	
asc. node	-2078 Jan 22 j 21:56	1°♒51'35	
evening max el	-2078 Jan 30 j 22:13	12°♒50'26	18°27'51
retrograde	-2078 Feb 07 j 10:07	16°♒31'05	
evening set	-2078 Feb 09 j 21:17	16°♒08'28	
inferior conj	-2078 Feb 17 j 06:47	11°♒35'09	3°33'13
minimum elong	-2078 Feb 17 j 10:04	11°♒28'33	3°32'41
min. Earth dist.	-2078 Feb 20 j 16:51	8°♒51'09	0.58780 AU
morning rise	-2078 Feb 24 j 19:13	6°♒09'49	
direct	-2078 Mar 02 j 23:29	4°♒31'08	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2078 Mar 05 j 00:38	4°♒41'49	
morning max el	-2078 Mar 17 j 06:31	12°♒07'40	26°46'01
	-2078 Mar 31 j 06:19	0°♓	
morning set	-2078 Apr 16 j 00:23	28°♓49'07	
	-2078 Apr 16 j 13:54	0°♈	
asc. node	-2078 Apr 20 j 21:21	9°♈15'33	
superior conj	-2078 Apr 23 j 02:31	14°♈06'36	0°23'11
minimum elong	-2078 Apr 23 j 01:30	14°♈01'01	0°22'59
max. Earth dist.	-2078 Apr 23 j 02:15	14°♈05'05	1.32487 AU
evening rise	-2078 Apr 30 j 02:39	29°♈13'42	
	-2078 Apr 30 j 11:31	0°♉	
	-2078 May 17 j 04:21	0°♊	
evening max el	-2078 May 29 j 12:30	15°♊13'57	26°29'28
desc. node	-2078 May 31 j 23:46	17°♊25'38	
retrograde	-2078 Jun 12 j 13:32	22°♊30'34	
evening set	-2078 Jun 19 j 01:46	20°♊43'20	
min. Earth dist.	-2078 Jun 23 j 01:47	18°♊04'20	0.59830 AU
inferior conj	-2078 Jun 26 j 10:17	15°♊24'07	-4°-31'-23
minimum elong	-2078 Jun 26 j 10:58	15°♊22'44	4°31'20
morning rise	-2078 Jul 03 j 23:34	10°♊46'52	
direct	-2078 Jul 06 j 10:54	10°♊24'34	
morning max el	-2078 Jul 13 j 23:24	14°♊02'29	18°17'22
asc. node	-2078 Jul 17 j 20:37	18°♊34'36	
	-2078 Jul 24 j 21:56	0°♋	
morning set	-2078 Jul 29 j 22:46	9°♋22'47	
superior conj	-2078 Aug 08 j 09:37	27°♋05'17	1°43'03
minimum elong	-2078 Aug 08 j 12:07	27°♋16'38	1°42'59
	-2078 Aug 10 j 00:13	0°♌	
max. Earth dist.	-2078 Aug 15 j 22:11	10°♌22'37	1.40747 AU
evening rise	-2078 Aug 20 j 19:06	18°♌32'07	
desc. node	-2078 Aug 27 j 23:05	29°♌57'33	
	-2078 Aug 27 j 23:43	0°♍	
	-2078 Sep 18 j 05:11	0°♎	
greatest brilliancy	-2078 Sep 18 j 09:24	0°♎12'54	-0.2m
evening max el	-2078 Sep 24 j 00:38	6°♎33'15	23°09'53
retrograde	-2078 Oct 04 j 06:06	12°♎36'33	
evening set	-2078 Oct 09 j 02:21	10°♎37'33	
asc. node	-2078 Oct 13 j 19:44	5°♎09'19	
inferior conj	-2078 Oct 14 j 11:18	4°♎15'53	0°13'25
minimum elong	-2078 Oct 14 j 10:59	4°♎16'59	0°13'16
transit middle	-2078 Oct 14 j 10:59	4°♎16'59	0°13'16
transit begin	-2078 Oct 14 j 09:24	4°♎22'24	
transit end	-2078 Oct 14 j 12:33	4°♎11'33	
min. Earth dist.	-2078 Oct 14 j 04:28	4°♎39'24	0.67531 AU
	-2078 Oct 17 j 18:53	30°℞♍	
morning rise	-2078 Oct 19 j 19:37	28°♍02'57	
direct	-2078 Oct 24 j 00:54	26°♍24'32	
	-2078 Oct 31 j 04:10	0°♎	
morning max el	-2078 Nov 01 j 20:16	1°♎35'51	21°32'15
greatest brilliancy	-2078 Nov 06 j 22:23	7°♎26'02	-0.4m
	-2078 Nov 22 j 23:20	0°♏	
desc. node	-2078 Nov 23 j 22:29	1°♏27'01	
morning set	-2078 Dec 03 j 05:22	15°♏47'35	
max. Earth dist.	-2078 Dec 10 j 07:47	27°♏15'43	1.41957 AU
	-2078 Dec 11 j 23:24	0°♐	
superior conj	-2078 Dec 17 j 19:04	9°♐53'38	-1°-55'-49
minimum elong	-2078 Dec 17 j 16:36	9°♐42'57	1°55'47
evening rise	-2078 Dec 28 j 19:40	29°♐36'54	
	-2078 Dec 29 j 00:43	0°♑	
asc. node	-2077 Jan 09 j 18:58	20°♑11'41	
evening max el	-2077 Jan 14 j 07:33	25°♑47'23	18°09'38
retrograde	-2077 Jan 21 j 02:47	29°♑15'10	
evening set	-2077 Jan 23 j 17:28	28°♑44'59	
inferior conj	-2077 Jan 30 j 12:42	23°♑49'32	3°55'37
minimum elong	-2077 Jan 30 j 13:25	23°♑47'49	3°55'32
min. Earth dist.	-2077 Feb 02 j 17:18	20°♑52'07	0.60833 AU
morning rise	-2077 Feb 06 j 06:40	18°♑05'34	
direct	-2077 Feb 13 j 02:45	15°♑50'43	
desc. node	-2077 Feb 19 j 21:41	17°♑49'37	
morning max el	-2077 Feb 27 j 06:32	23°♑35'19	27°33'22
	-2077 Mar 05 j 01:18	0°♒	
	-2077 Mar 24 j 09:49	0°♓	
morning set	-2077 Mar 31 j 07:39	13°♓32'54	
max. Earth dist.	-2077 Apr 06 j 14:58	26°♓58'33	1.32528 AU
superior conj	-2077 Apr 07 j 13:52	29°♓03'34	0°-1'-59
minimum elong	-2077 Apr 07 j 13:58	29°♓04'02	0°01'58
behind sun begin	-2077 Apr 07 j 08:57	28°♓36'37	
behind sun end	-2077 Apr 07 j 18:58	29°♓31'27	
asc. node	-2077 Apr 07 j 18:24	29°♓28'17	
	-2077 Apr 08 j 00:12	0°♈	
evening rise	-2077 Apr 14 j 13:22	14°♈10'03	
	-2077 Apr 22 j 13:34	0°♉	
evening max el	-2077 May 11 j 07:45	26°♉27'18	25°16'35
	-2077 May 15 j 13:28	0°♊	
desc. node	-2077 May 18 j 20:49	1°♊59'19	
retrograde	-2077 May 25 j 08:44	3°♊36'50	
evening set	-2077 May 30 j 19:07	2°♊28'12	
	-2077 Jun 04 j 08:16	30°℞♉	
min. Earth dist.	-2077 Jun 04 j 19:42	29°♉41'15	0.57832 AU
inferior conj	-2077 Jun 07 j 23:17	27°♉31'13	-4°-19'-49
minimum elong	-2077 Jun 07 j 19:58	27°♉36'58	4°19'27
morning rise	-2077 Jun 16 j 00:45	23°♉15'54	
direct	-2077 Jun 18 j 13:03	22°♉56'46	
morning max el	-2077 Jun 27 j 03:20	26°♉58'23	18°57'42
	-2077 Jun 29 j 22:36	0°♊	
asc. node	-2077 Jul 04 j 17:41	6°♊51'16	
morning set	-2077 Jul 13 j 18:23	23°♊26'53	
	-2077 Jul 17 j 02:08	0°♋	
superior conj	-2077 Jul 22 j 07:10	10°♋08'43	1°48'22
minimum elong	-2077 Jul 22 j 07:20	10°♋09'31	1°48'25
max. Earth dist.	-2077 Jul 29 j 01:07	22°♋40'37	1.38766 AU
evening rise	-2077 Aug 01 j 23:41	29°♋37'02	
	-2077 Aug 02 j 05:01	0°♌	
desc. node	-2077 Aug 14 j 20:07	20°♌25'14	
	-2077 Aug 21 j 08:49	0°♍	
evening max el	-2077 Sep 06 j 12:35	20°♍04'26	24°29'42
retrograde	-2077 Sep 17 j 20:05	26°♍41'31	
evening set	-2077 Sep 23 j 07:09	24°♍23'38	
min. Earth dist.	-2077 Sep 27 j 23:54	18°♍59'48	0.67304 AU
inferior conj	-2077 Sep 28 j 17:13	18°♍01'51	0°-40'-51
minimum elong	-2077 Sep 28 j 18:12	17°♍58'33	0°40'26
asc. node	-2077 Sep 30 j 16:49	15°♍26'53	
morning rise	-2077 Oct 04 j 05:34	11°♍54'57	
direct	-2077 Oct 07 j 22:05	10°♍36'52	
morning max el	-2077 Oct 15 j 18:06	15°♍09'19	20°18'14
greatest brilliancy	-2077 Oct 22 j 11:09	23°♍16'22	-0.6m
	-2077 Oct 27 j 06:12	0°♎	
desc. node	-2077 Nov 10 j 19:30	21°♎54'07	
morning set	-2077 Nov 12 j 03:39	23°♎58'17	
	-2077 Nov 16 j 00:34	0°♏	
max. Earth dist.	-2077 Nov 22 j 16:45	10°♏34'33	1.43576 AU
superior conj	-2077 Nov 28 j 11:26	19°♏58'13	-1°-38'-31
minimum elong	-2077 Nov 28 j 04:51	19°♏31'08	1°38'03
	-2077 Dec 04 j 11:24	0°♐	
evening rise	-2077 Dec 11 j 05:47	11°♐38'13	
	-2077 Dec 22 j 01:33	0°♑	
asc. node	-2077 Dec 27 j 16:01	7°♑45'10	
evening max el	-2077 Dec 28 j 19:43	8°♑59'38	18°10'51

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

retrograde	-2076 Jan 04 j 08:26	12°♌27'50	
evening set	-2076 Jan 07 j 02:42	11°♌49'15	
inferior conj	-2076 Jan 13 j 10:44	6°♌32'43	3°53'19
minimum elong	-2076 Jan 13 j 09:21	6°♌36'22	3°53'10
min. Earth dist.	-2076 Jan 16 j 02:38	3°♌44'28	0.62779 AU
morning rise	-2076 Jan 19 j 14:07	0°♌35'59	
	-2076 Jan 20 j 10:14	30°℞♐	
direct	-2076 Jan 26 j 14:51	27°♐55'45	
	-2076 Feb 02 j 08:09	0°♌	
desc. node	-2076 Feb 06 j 18:44	3°♌12'32	
morning max el	-2076 Feb 09 j 12:24	5°♌43'57	27°44'18
	-2076 Feb 27 j 21:57	0°♒	
morning set	-2076 Mar 14 j 09:22	27°♒56'47	
	-2076 Mar 15 j 09:40	0°♓	
max. Earth dist.	-2076 Mar 19 j 23:28	9°♓34'20	1.32937 AU
superior conj	-2076 Mar 21 j 23:07	13°♓50'19	0°-27'-52
minimum elong	-2076 Mar 22 j 00:25	13°♓57'17	0°27'37
asc. node	-2076 Mar 24 j 15:24	19°♓38'22	
evening rise	-2076 Mar 29 j 01:06	29°♓05'19	
	-2076 Mar 29 j 11:30	0°♈	
	-2076 Apr 15 j 16:17	0°♉	
evening max el	-2076 Apr 21 j 22:57	7°♉10'27	23°45'49
desc. node	-2076 May 04 j 17:52	14°♉00'20	
retrograde	-2076 May 05 j 16:03	14°♉02'16	
evening set	-2076 May 09 j 17:01	13°♉26'10	
min. Earth dist.	-2076 May 16 j 09:56	10°♉16'49	0.56181 AU
inferior conj	-2076 May 18 j 16:03	8°♉54'46	-3°-29'-12
minimum elong	-2076 May 18 j 09:39	9°♉04'32	3°27'43
morning rise	-2076 May 27 j 06:00	4°♉55'52	
direct	-2076 May 29 j 19:48	4°♉39'00	
morning max el	-2076 Jun 08 j 21:55	9°♉19'06	19°58'44
asc. node	-2076 Jun 20 j 14:45	25°♉45'45	
	-2076 Jun 22 j 21:16	0°♊	
morning set	-2076 Jun 26 j 21:22	7°♊54'38	
superior conj	-2076 Jul 04 j 18:53	23°♊56'00	1°44'44
minimum elong	-2076 Jul 04 j 17:23	23°♊48'34	1°44'42
	-2076 Jul 07 j 20:40	0°♋	
max. Earth dist.	-2076 Jul 10 j 04:57	4°♋30'30	1.36870 AU
evening rise	-2076 Jul 14 j 03:52	11°♋51'09	
	-2076 Jul 24 j 19:11	0°♌	
desc. node	-2076 Jul 31 j 17:09	10°♌36'55	
	-2076 Aug 15 j 12:31	0°♍	
evening max el	-2076 Aug 18 j 23:31	3°♍37'41	25°42'48
retrograde	-2076 Aug 31 j 05:43	10°♍40'08	
evening set	-2076 Sep 06 j 07:39	8°♍06'04	
min. Earth dist.	-2076 Sep 10 j 15:55	3°♍18'50	0.66747 AU
inferior conj	-2076 Sep 11 j 20:23	1°♍47'50	-1°-35'-16
minimum elong	-2076 Sep 11 j 22:41	1°♍40'27	1°34'20
	-2076 Sep 13 j 06:42	30°℞♌	
asc. node	-2076 Sep 16 j 13:52	26°♌33'55	
morning rise	-2076 Sep 17 j 14:25	25°♌49'55	
direct	-2076 Sep 20 j 20:19	24°♌49'03	
morning max el	-2076 Sep 27 j 23:16	28°♌51'41	19°17'45
	-2076 Sep 29 j 00:56	0°♍	
greatest brilliancy	-2076 Oct 08 j 08:48	12°♍35'07	-0.7m
	-2076 Oct 19 j 16:17	0°♎	
morning set	-2076 Oct 21 j 07:23	2°♎32'37	
desc. node	-2076 Oct 27 j 16:33	12°♎31'13	
max. Earth dist.	-2076 Nov 04 j 07:30	24°♎30'06	1.44600 AU
superior conj	-2076 Nov 07 j 01:38	28°♎52'04	-1°-3'-41
minimum elong	-2076 Nov 06 j 18:25	28°♎23'26	1°02'53
	-2076 Nov 07 j 18:43	0°♏	
evening rise	-2076 Nov 21 j 18:56	22°♏44'00	
	-2076 Nov 26 j 04:16	0°♐	

evening max el	-2076 Dec 11 j 08:01	22°♐21'19	18°30'44
asc. node	-2076 Dec 13 j 13:03	24°♐18'58	
retrograde	-2076 Dec 17 j 22:38	26°♐00'47	
evening set	-2076 Dec 20 j 21:28	25°♐12'32	
inferior conj	-2076 Dec 26 j 21:01	19°♐37'11	3°33'39
minimum elong	-2076 Dec 26 j 18:25	19°♐44'48	3°33'09
min. Earth dist.	-2076 Dec 28 j 21:58	17°♐14'17	0.64444 AU
morning rise	-2075 Jan 01 j 14:03	13°♐31'43	
direct	-2075 Jan 08 j 10:29	10°♐40'52	
morning max el	-2075 Jan 21 j 21:30	18°♐25'40	27°19'51
desc. node	-2075 Jan 23 j 15:46	20°♐14'52	
	-2075 Jan 31 j 17:09	0°♑	
	-2075 Feb 19 j 19:12	0°♒	
morning set	-2075 Feb 26 j 02:47	11°♒51'42	
max. Earth dist.	-2075 Mar 02 j 23:44	21°♒39'49	1.33756 AU
superior conj	-2075 Mar 06 j 04:27	28°♒20'56	0°-53'-28
minimum elong	-2075 Mar 06 j 06:53	28°♒33'45	0°53'03
	-2075 Mar 06 j 23:09	0°♓	
asc. node	-2075 Mar 11 j 12:25	9°♓41'56	
evening rise	-2075 Mar 13 j 12:06	13°♓53'22	
	-2075 Mar 21 j 18:00	0°♈	
evening max el	-2075 Apr 03 j 16:34	17°♈51'39	22°11'34
retrograde	-2075 Apr 16 j 11:24	24°♈06'23	
evening set	-2075 Apr 19 j 07:39	23°♈48'30	
desc. node	-2075 Apr 21 j 14:53	23°♈09'44	
min. Earth dist.	-2075 Apr 27 j 23:32	20°♈04'26	0.55221 AU
inferior conj	-2075 Apr 28 j 16:20	19°♈40'42	-1°-56'-33
minimum elong	-2075 Apr 28 j 11:11	19°♈47'58	1°54'53
morning rise	-2075 May 07 j 16:25	15°♈44'32	
direct	-2075 May 10 j 11:05	15°♈27'07	
morning max el	-2075 May 22 j 05:37	20°♈58'20	21°19'06
	-2075 May 29 j 17:38	0°♉	
asc. node	-2075 Jun 07 j 11:47	15°♉08'48	
morning set	-2075 Jun 11 j 05:18	22°♉39'27	
	-2075 Jun 14 j 17:49	0°♊	
superior conj	-2075 Jun 18 j 16:34	8°♊14'49	1°34'18
minimum elong	-2075 Jun 18 j 14:11	8°♊02'31	1°34'06
max. Earth dist.	-2075 Jun 22 j 15:51	16°♊20'24	1.35257 AU
evening rise	-2075 Jun 27 j 02:47	25°♊02'03	
	-2075 Jun 29 j 18:36	0°♋	
	-2075 Jul 18 j 06:58	0°♌	
desc. node	-2075 Jul 18 j 14:10	0°♌25'19	
evening max el	-2075 Aug 01 j 10:57	17°♌09'23	26°41'10
retrograde	-2075 Aug 14 j 10:22	24°♌26'00	
evening set	-2075 Aug 21 j 01:39	21°♌41'44	
min. Earth dist.	-2075 Aug 25 j 02:07	17°♌32'34	0.65844 AU
inferior conj	-2075 Aug 26 j 18:52	15°♌30'47	-2°-27'-56
minimum elong	-2075 Aug 26 j 22:20	15°♌20'24	2°26'41
morning rise	-2075 Sep 01 j 20:08	9°♌44'56	
asc. node	-2075 Sep 03 j 10:57	9°♌06'56	
direct	-2075 Sep 04 j 17:49	8°♌57'38	
morning max el	-2075 Sep 11 j 10:11	12°♌39'19	18°32'51
	-2075 Sep 23 j 19:13	0°♍	
morning set	-2075 Oct 01 j 11:07	12°♍19'41	
	-2075 Oct 12 j 12:28	0°♎	
desc. node	-2075 Oct 14 j 13:34	3°♎14'05	
superior conj	-2075 Oct 17 j 01:42	7°♎11'11	0°-16'-6
minimum elong	-2075 Oct 16 j 23:34	7°♎02'46	0°15'50
behind sun begin	-2075 Oct 16 j 20:52	6°♎52'06	
behind sun end	-2075 Oct 17 j 02:16	7°♎13'26	
max. Earth dist.	-2075 Oct 18 j 01:17	8°♎44'00	1.44923 AU
	-2075 Oct 31 j 13:22	0°♏	
evening rise	-2075 Nov 02 j 07:46	2°♏47'44	
	-2075 Nov 20 j 00:09	0°♐	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening max el	-2075 Nov 24 j 18:00	5°♐47'12	19°08'09
asc. node	-2075 Nov 30 j 10:06	9°♐37'20	
retrograde	-2075 Dec 01 j 17:41	9°♐47'03	
evening set	-2075 Dec 04 j 22:48	8°♐47'10	
inferior conj	-2075 Dec 10 j 16:05	2°♐55'48	3°01'50
minimum elong	-2075 Dec 10 j 13:06	3°♐05'14	3°01'01
min. Earth dist.	-2075 Dec 12 j 02:28	1°♐07'19	0.65750 AU
	-2075 Dec 13 j 00:26	30℞♏	
morning rise	-2075 Dec 16 j 02:29	26°♏44'25	
direct	-2075 Dec 22 j 12:26	23°♏57'07	
	-2074 Jan 02 j 19:02	0°♐	
morning max el	-2074 Jan 04 j 07:02	1°♐27'04	26°26'01
desc. node	-2074 Jan 10 j 12:49	8°♐27'11	
	-2074 Jan 25 j 19:07	0°♑	
morning set	-2074 Feb 09 j 08:05	25°♑05'12	
	-2074 Feb 11 j 21:52	0°♒	
max. Earth dist.	-2074 Feb 13 j 12:34	3°♒08'57	1.35025 AU
superior conj	-2074 Feb 18 j 03:35	12°♒27'52	-1°-17'-28
minimum elong	-2074 Feb 18 j 06:50	12°♒44'35	1°17'02
evening rise	-2074 Feb 25 j 20:30	28°♒27'28	
asc. node	-2074 Feb 26 j 09:26	29°♒33'55	
	-2074 Feb 26 j 14:32	0°♓	
evening max el	-2074 Mar 16 j 18:39	28°♓56'43	20°46'10
	-2074 Mar 17 j 22:31	0°♈	
retrograde	-2074 Mar 28 j 00:29	4°♈19'46	
evening set	-2074 Mar 30 j 07:11	4°♈07'23	
inferior conj	-2074 Apr 08 j 11:08	0°♈10'04	0°00'33
minimum elong	-2074 Apr 08 j 11:09	0°♈10'02	0°00'33
transit middle	-2074 Apr 08 j 11:09	0°♈10'02	0°00'33
transit begin	-2074 Apr 08 j 07:05	0°♈15'53	
transit end	-2074 Apr 08 j 15:14	0°♈04'11	
desc. node	-2074 Apr 08 j 11:54	0°♈08'58	
	-2074 Apr 08 j 18:09	30℞♓	
min. Earth dist.	-2074 Apr 09 j 13:23	29°♓32'26	0.55176 AU
morning rise	-2074 Apr 17 j 13:42	25°♓58'40	
direct	-2074 Apr 20 j 22:46	25°♓33'54	
	-2074 May 01 j 21:06	0°♈	
morning max el	-2074 May 04 j 03:07	1°♈57'20	22°54'11
	-2074 May 22 j 22:44	0°♉	
asc. node	-2074 May 25 j 08:50	4°♉52'53	
morning set	-2074 May 26 j 16:13	7°♉35'30	
superior conj	-2074 Jun 02 j 21:04	22°♉55'25	1°18'44
minimum elong	-2074 Jun 02 j 18:28	22°♉41'39	1°18'25
max. Earth dist.	-2074 Jun 05 j 12:52	28°♉32'03	1.34008 AU
	-2074 Jun 06 j 05:46	0°♊	
evening rise	-2074 Jun 10 j 15:31	8°♊55'43	
	-2074 Jun 22 j 05:41	0°♋	
desc. node	-2074 Jul 05 j 11:09	19°♋40'45	
	-2074 Jul 14 j 09:50	0°♌	
evening max el	-2074 Jul 14 j 22:33	0°♌30'52	27°17'05
retrograde	-2074 Jul 28 j 09:27	7°♌52'03	
evening set	-2074 Aug 04 j 10:29	5°♌07'00	
min. Earth dist.	-2074 Aug 08 j 04:21	1°♌34'49	0.64577 AU
	-2074 Aug 09 j 15:08	30℞♋	
inferior conj	-2074 Aug 10 j 10:25	29°♋06'54	-3°-16'-23
minimum elong	-2074 Aug 10 j 14:36	28°♋55'26	3°15'10
morning rise	-2074 Aug 16 j 20:19	23°♋36'28	
direct	-2074 Aug 19 j 12:17	22°♋59'17	
asc. node	-2074 Aug 21 j 08:02	23°♋16'43	
morning max el	-2074 Aug 26 j 00:36	26°♋28'15	18°04'52
	-2074 Aug 29 j 01:21	0°♌	
morning set	-2074 Sep 12 j 18:52	23°♌28'33	
	-2074 Sep 16 j 16:07	0°♍	
superior conj	-2074 Sep 26 j 09:53	15°♍58'22	0°32'14
minimum elong	-2074 Sep 26 j 13:34	16°♍13'10	0°31'45
max. Earth dist.	-2074 Sep 30 j 19:24	22°♍59'43	1.44520 AU
desc. node	-2074 Oct 01 j 10:35	23°♍59'52	
	-2074 Oct 05 j 06:03	0°♎	
evening rise	-2074 Oct 12 j 22:42	11°♎58'09	
	-2074 Oct 24 j 17:45	0°♏	
greatest brilliancy	-2074 Oct 31 j 20:32	10°♏22'27	-0.6m
evening max el	-2074 Nov 07 j 23:38	19°♏14'36	20°01'19
retrograde	-2074 Nov 15 j 14:54	23°♏42'52	
asc. node	-2074 Nov 17 j 07:09	23°♏26'40	
evening set	-2074 Nov 19 j 04:18	22°♏29'03	
inferior conj	-2074 Nov 24 j 17:12	16°♏24'35	2°21'25
minimum elong	-2074 Nov 24 j 14:27	16°♏33'43	2°20'27
min. Earth dist.	-2074 Nov 25 j 14:25	15°♏13'58	0.66682 AU
morning rise	-2074 Nov 30 j 00:00	10°♏09'40	
direct	-2074 Dec 05 j 19:53	7°♏36'29	
morning max el	-2074 Dec 17 j 15:43	14°♏38'00	25°11'32
desc. node	-2074 Dec 28 j 09:53	27°♏29'05	
	-2074 Dec 30 j 06:19	0°♐	
	-2073 Jan 18 j 15:22	0°♑	
morning set	-2073 Jan 22 j 20:17	7°♑22'49	
max. Earth dist.	-2073 Jan 26 j 14:17	14°♑14'36	1.36731 AU
superior conj	-2073 Feb 01 j 17:38	26°♑02'48	-1°-38'-6
minimum elong	-2073 Feb 01 j 21:04	26°♑19'48	1°37'47
	-2073 Feb 03 j 17:20	0°♒	
evening rise	-2073 Feb 10 j 00:14	12°♒41'38	
asc. node	-2073 Feb 13 j 06:27	19°♒09'25	
	-2073 Feb 19 j 06:04	0°♓	
evening max el	-2073 Feb 27 j 07:32	10°♓37'42	19°37'01
retrograde	-2073 Mar 08 j 20:21	15°♓10'37	
evening set	-2073 Mar 11 j 01:58	14°♓56'45	
inferior conj	-2073 Mar 19 j 14:46	10°♓52'29	1°49'16
minimum elong	-2073 Mar 19 j 18:54	10°♓45'54	1°47'59
min. Earth dist.	-2073 Mar 22 j 03:46	9°♓15'58	0.56058 AU
desc. node	-2073 Mar 26 j 08:59	6°♓58'06	
morning rise	-2073 Mar 28 j 08:23	6°♓12'16	
direct	-2073 Apr 01 j 18:21	5°♓28'32	
morning max el	-2073 Apr 15 j 18:33	12°♓31'57	24°34'08
	-2073 Apr 29 j 04:25	0°♈	
morning set	-2073 May 11 j 04:19	22°♈36'21	
asc. node	-2073 May 12 j 05:52	24°♈51'22	
	-2073 May 14 j 15:23	0°♉	
superior conj	-2073 May 18 j 05:53	7°♉49'12	0°59'19
minimum elong	-2073 May 18 j 03:36	7°♉36'52	0°58'56
max. Earth dist.	-2073 May 19 j 18:39	11°♉07'48	1.33135 AU
evening rise	-2073 May 25 j 13:58	23°♉18'57	
	-2073 May 28 j 22:46	0°♊	
	-2073 Jun 15 j 23:30	0°♋	
desc. node	-2073 Jun 22 j 08:11	8°♋08'42	
evening max el	-2073 Jun 27 j 08:12	13°♋28'03	27°24'09
retrograde	-2073 Jul 11 j 02:17	20°♋48'47	
evening set	-2073 Jul 18 j 06:41	18°♋15'21	
min. Earth dist.	-2073 Jul 21 j 20:43	15°♋14'32	0.62946 AU
inferior conj	-2073 Jul 24 j 16:12	12°♋29'08	-3°-57'-7
minimum elong	-2073 Jul 24 j 20:13	12°♋19'16	3°56'18
morning rise	-2073 Jul 31 j 12:00	7°♋17'35	
direct	-2073 Aug 03 j 00:38	6°♋47'42	
asc. node	-2073 Aug 08 j 05:07	8°♋54'41	
morning max el	-2073 Aug 09 j 15:50	10°♋12'15	17°54'45
	-2073 Aug 22 j 20:04	0°♌	
morning set	-2073 Aug 26 j 02:08	5°♌44'39	
superior conj	-2073 Sep 06 j 18:32	25°♌58'52	1°10'31
minimum elong	-2073 Sep 06 j 23:57	26°♌21'37	1°09'57
	-2073 Sep 09 j 04:23	0°♍	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

max. Earth dist.	-2073 Sep 13 j 10:38	6°♍58'11	1.43440 AU
desc. node	-2073 Sep 18 j 07:35	14°♍45'04	
evening rise	-2073 Sep 22 j 04:04	20°♍46'47	
	-2073 Sep 28 j 04:24	0°♎	
greatest brilliancy	-2073 Oct 16 j 14:41	26°♎25'07	-0.5m
	-2073 Oct 19 j 12:42	0°♏	
evening max el	-2073 Oct 21 j 23:27	2°♏41'27	21°07'47
retrograde	-2073 Oct 30 j 12:03	7°♏44'51	
evening set	-2073 Nov 03 j 11:53	6°♏14'44	
asc. node	-2073 Nov 04 j 04:14	5°♏41'10	
inferior conj	-2073 Nov 08 j 22:02	0°♏00'34	1°34'50
minimum elong	-2073 Nov 08 j 20:00	0°♏07'33	1°34'00
	-2073 Nov 08 j 22:13	30°℞♎	
min. Earth dist.	-2073 Nov 09 j 07:37	29°♎27'43	0.67259 AU
morning rise	-2073 Nov 14 j 03:46	23°♎44'20	
direct	-2073 Nov 19 j 08:11	21°♎31'21	
morning max el	-2073 Nov 30 j 00:30	27°♎53'20	23°46'16
	-2073 Dec 02 j 00:26	0°♏	
desc. node	-2073 Dec 15 j 06:57	17°♏05'58	
	-2073 Dec 23 j 23:41	0°♐	
morning set	-2072 Jan 04 j 09:16	18°♐28'18	
max. Earth dist.	-2072 Jan 08 j 10:13	25°♐28'50	1.38742 AU
	-2072 Jan 10 j 22:53	0°♑	
superior conj	-2072 Jan 15 j 18:47	8°♑55'21	-1°-52'-51
minimum elong	-2072 Jan 15 j 21:15	9°♑07'00	1°52'47
evening rise	-2072 Jan 24 j 20:48	26°♑29'04	
	-2072 Jan 26 j 16:16	0°♒	
asc. node	-2072 Jan 31 j 03:30	8°♒22'26	
evening max el	-2072 Feb 10 j 06:25	22°♒54'22	18°47'20
retrograde	-2072 Feb 18 j 09:13	26°♒49'59	
evening set	-2072 Feb 20 j 18:05	26°♒31'12	
inferior conj	-2072 Feb 28 j 13:05	22°♒09'37	3°05'51
minimum elong	-2072 Feb 28 j 17:28	22°♒01'30	3°04'52
min. Earth dist.	-2072 Mar 02 j 20:11	19°♒44'43	0.57653 AU
morning rise	-2072 Mar 07 j 12:57	16°♒58'33	
desc. node	-2072 Mar 12 j 06:03	15°♒44'21	
direct	-2072 Mar 13 j 03:00	15°♒42'29	
morning max el	-2072 Mar 27 j 10:19	23°♒10'36	26°04'25
	-2072 Apr 02 j 12:59	0°♓	
	-2072 Apr 20 j 22:37	0°♈	
morning set	-2072 Apr 24 j 15:58	7°♈36'20	
asc. node	-2072 Apr 28 j 02:55	14°♈59'19	
superior conj	-2072 May 01 j 17:05	22°♈49'40	0°37'01
minimum elong	-2072 May 01 j 15:31	22°♈41'07	0°36'43
max. Earth dist.	-2072 May 02 j 06:02	24°♈00'29	1.32624 AU
	-2072 May 05 j 00:09	0°♉	
evening rise	-2072 May 08 j 19:05	8°♉01'54	
	-2072 May 20 j 09:43	0°♊	
desc. node	-2072 Jun 08 j 05:12	25°♊29'02	
evening max el	-2072 Jun 08 j 13:17	25°♊48'27	26°58'36
	-2072 Jun 13 j 16:29	0°♋	
retrograde	-2072 Jun 22 j 12:15	3°♋07'23	
evening set	-2072 Jun 29 j 10:03	0°♋59'27	
	-2072 Jun 30 j 22:03	30°℞♊	
min. Earth dist.	-2072 Jul 03 j 02:55	28°♊17'38	0.61019 AU
inferior conj	-2072 Jul 06 j 08:55	25°♊29'33	-4°-24'-39
minimum elong	-2072 Jul 06 j 11:20	25°♊24'19	4°24'24
morning rise	-2072 Jul 13 j 15:38	20°♊39'40	
direct	-2072 Jul 16 j 02:58	20°♊15'04	
morning max el	-2072 Jul 23 j 05:03	23°♊44'43	18°03'28
asc. node	-2072 Jul 25 j 02:12	25°♊46'12	
	-2072 Jul 28 j 06:07	0°♋	
morning set	-2072 Aug 08 j 03:10	18°♋52'12	
	-2072 Aug 14 j 04:14	0°♌	
superior conj	-2072 Aug 18 j 06:39	7°♌21'18	1°34'57
minimum elong	-2072 Aug 18 j 10:32	7°♌38'31	1°34'42
max. Earth dist.	-2072 Aug 25 j 20:22	20°♌21'44	1.41829 AU
evening rise	-2072 Aug 31 j 18:50	0°♍03'28	
	-2072 Aug 31 j 17:59	0°♍	
desc. node	-2072 Sep 04 j 04:36	5°♍26'37	
	-2072 Sep 20 j 18:25	0°♎	
greatest brilliancy	-2072 Sep 28 j 23:23	10°♎47'51	-0.3m
evening max el	-2072 Oct 03 j 17:19	16°♎08'11	22°23'48
retrograde	-2072 Oct 13 j 07:29	21°♎50'19	
evening set	-2072 Oct 17 j 19:44	20°♎02'06	
asc. node	-2072 Oct 21 j 01:19	16°♎35'00	
inferior conj	-2072 Oct 23 j 04:41	13°♎41'51	0°43'58
minimum elong	-2072 Oct 23 j 03:40	13°♎45'21	0°43'31
min. Earth dist.	-2072 Oct 23 j 03:40	13°♎45'23	0.67516 AU
morning rise	-2072 Oct 28 j 11:29	7°♎26'51	
direct	-2072 Nov 02 j 00:46	5°♎36'04	
morning max el	-2072 Nov 11 j 12:07	11°♎13'18	22°19'33
greatest brilliancy	-2072 Nov 16 j 04:26	16°♎29'32	-0.3m
	-2072 Nov 26 j 06:26	0°♏	
desc. node	-2072 Dec 01 j 03:59	7°♏07'34	
morning set	-2072 Dec 14 j 17:40	28°♏09'14	
	-2072 Dec 15 j 20:55	0°♐	
max. Earth dist.	-2072 Dec 20 j 07:29	7°♐21'56	1.40828 AU
superior conj	-2072 Dec 28 j 02:02	20°♐51'56	-1°-58'-24
minimum elong	-2072 Dec 28 j 01:51	20°♐51'08	1°58'28
	-2071 Jan 02 j 02:29	0°♑	
evening rise	-2071 Jan 07 j 07:02	9°♑41'09	
asc. node	-2071 Jan 17 j 00:33	27°♑04'32	
	-2071 Jan 18 j 22:31	0°♒	
evening max el	-2071 Jan 23 j 12:44	5°♒38'46	18°17'43
retrograde	-2071 Jan 30 j 16:27	9°♒12'34	
evening set	-2071 Feb 02 j 05:00	8°♒47'00	
inferior conj	-2071 Feb 09 j 08:03	4°♒04'22	3°46'16
minimum elong	-2071 Feb 09 j 10:15	3°♒59'37	3°46'00
min. Earth dist.	-2071 Feb 12 j 17:04	1°♒11'27	0.59639 AU
	-2071 Feb 14 j 05:45	30°℞♑	
morning rise	-2071 Feb 16 j 12:12	28°♑29'51	
direct	-2071 Feb 23 j 00:23	26°♑34'58	
desc. node	-2071 Feb 27 j 03:07	27°♑18'35	
	-2071 Mar 04 j 05:11	0°♒	
morning max el	-2071 Mar 09 j 06:52	4°♒16'31	27°10'26
	-2071 Mar 28 j 04:47	0°♓	
morning set	-2071 Apr 09 j 01:22	22°♓27'54	
	-2071 Apr 12 j 14:38	0°♈	
asc. node	-2071 Apr 14 j 23:56	5°♈11'23	
superior conj	-2071 Apr 16 j 04:50	7°♈49'34	0°12'41
minimum elong	-2071 Apr 16 j 04:16	7°♈46'27	0°12'34
behind sun begin	-2071 Apr 16 j 01:13	7°♈29'43	
behind sun end	-2071 Apr 16 j 07:19	8°♈03'12	
max. Earth dist.	-2071 Apr 15 j 19:10	6°♈56'36	1.32459 AU
evening rise	-2071 Apr 23 j 04:18	22°♈55'10	
	-2071 Apr 26 j 15:11	0°♉	
	-2071 May 14 j 20:51	0°♊	
evening max el	-2071 May 21 j 11:57	7°♊25'01	26°01'21
desc. node	-2071 May 26 j 02:15	11°♊13'23	
retrograde	-2071 Jun 04 j 13:48	14°♊40'13	
evening set	-2071 Jun 10 j 16:25	13°♊09'07	
min. Earth dist.	-2071 Jun 15 j 00:39	10°♊28'43	0.58961 AU
inferior conj	-2071 Jun 18 j 08:55	7°♊58'29	-4°-30'-36
minimum elong	-2071 Jun 18 j 08:00	8°♊00'13	4°30'32
morning rise	-2071 Jun 26 j 03:21	3°♊31'07	
direct	-2071 Jun 28 j 14:51	3°♊10'25	
morning max el	-2071 Jul 06 j 13:14	6°♊56'46	18°32'00
asc. node	-2071 Jul 11 j 23:15	13°♊35'37	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2071 Jul 21 j 08:07	0°♋	
morning set	-2071 Jul 22 j 17:06	2°♋38'22	
superior conj	-2071 Jul 31 j 17:39	19°♋52'34	1°46'33
minimum elong	-2071 Jul 31 j 19:05	19°♋59'19	1°46'33
	-2071 Aug 06 j 07:18	0°♌	
max. Earth dist.	-2071 Aug 08 j 00:22	3°♌00'34	1.39906 AU
evening rise	-2071 Aug 12 j 08:33	10°♌25'45	
desc. node	-2071 Aug 22 j 01:36	26°♌00'45	
	-2071 Aug 24 j 16:32	0°♍	
evening max el	-2071 Sep 16 j 06:42	29°♍37'23	23°44'12
	-2071 Sep 16 j 15:51	0°♎	
retrograde	-2071 Sep 26 j 23:47	5°♎56'37	
evening set	-2071 Oct 02 j 02:08	3°♎49'34	
	-2071 Oct 05 j 13:51	30°℞♍	
inferior conj	-2071 Oct 07 j 11:21	27°♍27'10	0°-9'-30
minimum elong	-2071 Oct 07 j 11:34	27°♍26'24	0°09'25
transit middle	-2071 Oct 07 j 11:34	27°♍26'24	0°09'25
transit begin	-2071 Oct 07 j 09:21	27°♍33'58	
transit end	-2071 Oct 07 j 13:47	27°♍18'50	
min. Earth dist.	-2071 Oct 07 j 00:08	28°♍05'27	0.67466 AU
asc. node	-2071 Oct 07 j 22:23	26°♍49'36	
morning rise	-2071 Oct 12 j 21:09	21°♍16'12	
direct	-2071 Oct 16 j 20:41	19°♍46'49	
morning max el	-2071 Oct 25 j 05:36	24°♍41'10	20°59'16
	-2071 Oct 29 j 20:45	0°♎	
greatest brilliancy	-2071 Oct 30 j 21:35	1°♎18'57	-0.5m
desc. node	-2071 Nov 18 j 01:01	27°♎27'10	
	-2071 Nov 19 j 16:59	0°♏	
morning set	-2071 Nov 23 j 23:54	6°♏38'26	
max. Earth dist.	-2071 Dec 02 j 11:18	20°♏08'56	1.42700 AU
	-2071 Dec 08 j 10:07	0°♐	
superior conj	-2071 Dec 09 j 09:53	1°♐40'24	-1°-50'-36
minimum elong	-2071 Dec 09 j 05:34	1°♐22'04	1°50'26
evening rise	-2071 Dec 21 j 03:11	22°♐10'29	
	-2071 Dec 25 j 12:28	0°♑	
asc. node	-2070 Jan 03 j 21:36	15°♑06'28	
evening max el	-2070 Jan 06 j 23:38	18°♑43'15	18°07'52
retrograde	-2070 Jan 13 j 15:00	22°♑09'37	
evening set	-2070 Jan 16 j 07:07	21°♑36'04	
inferior conj	-2070 Jan 22 j 21:16	16°♑31'48	3°57'08
minimum elong	-2070 Jan 22 j 21:00	16°♑32'27	3°57'06
min. Earth dist.	-2070 Jan 25 j 21:11	13°♑35'29	0.61685 AU
morning rise	-2070 Jan 29 j 08:29	10°♑41'48	
direct	-2070 Feb 05 j 07:59	8°♑14'03	
desc. node	-2070 Feb 14 j 00:11	11°♑27'56	
morning max el	-2070 Feb 19 j 09:26	16°♑01'25	27°42'28
	-2070 Mar 02 j 21:33	0°♒	
	-2070 Mar 20 j 17:33	0°♓	
morning set	-2070 Mar 24 j 06:32	7°♓04'01	
max. Earth dist.	-2070 Mar 30 j 06:19	19°♓42'56	1.32651 AU
superior conj	-2070 Mar 31 j 15:30	22°♓42'58	0°-12'-54
minimum elong	-2070 Mar 31 j 16:06	22°♓46'12	0°12'48
behind sun begin	-2070 Mar 31 j 13:04	22°♓29'46	
behind sun end	-2070 Mar 31 j 19:07	23°♓02'39	
asc. node	-2070 Apr 01 j 20:58	25°♓23'30	
	-2070 Apr 03 j 23:44	0°♈	
evening rise	-2070 Apr 07 j 15:38	7°♈51'38	
	-2070 Apr 19 j 06:47	0°♉	
evening max el	-2070 May 03 j 05:00	18°♉23'19	24°39'24
desc. node	-2070 May 12 j 23:17	24°♉46'24	
retrograde	-2070 May 17 j 04:22	25°♉27'13	
evening set	-2070 May 22 j 00:34	24°♉34'11	
min. Earth dist.	-2070 May 27 j 16:52	21°♉38'53	0.57065 AU
inferior conj	-2070 May 30 j 13:17	19°♉47'37	-4°-3'-40
minimum elong	-2070 May 30 j 08:20	19°♉55'44	4°02'52
morning rise	-2070 Jun 07 j 20:04	15°♉40'03	
direct	-2070 Jun 10 j 08:45	15°♉22'06	
morning max el	-2070 Jun 19 j 13:26	19°♉38'49	19°21'05
	-2070 Jun 27 j 13:08	0°♊	
asc. node	-2070 Jun 28 j 20:18	2°♊09'45	
morning set	-2070 Jul 06 j 16:10	16°♊53'25	
	-2070 Jul 13 j 05:49	0°♋	
superior conj	-2070 Jul 14 j 21:45	3°♋16'08	1°47'46
minimum elong	-2070 Jul 14 j 21:07	3°♋13'03	1°47'48
max. Earth dist.	-2070 Jul 21 j 02:42	15°♋02'51	1.37938 AU
evening rise	-2070 Jul 24 j 23:42	22°♋01'43	
	-2070 Jul 29 j 14:56	0°♌	
desc. node	-2070 Aug 08 j 22:37	16°♌22'21	
	-2070 Aug 18 j 13:39	0°♍	
evening max el	-2070 Aug 29 j 18:05	13°♍10'18	25°02'12
retrograde	-2070 Sep 10 j 11:57	19°♍59'19	
evening set	-2070 Sep 16 j 05:18	17°♍34'24	
min. Earth dist.	-2070 Sep 20 j 18:28	12°♍25'37	0.67107 AU
inferior conj	-2070 Sep 21 j 16:18	11°♍13'43	-1°-4'-2
minimum elong	-2070 Sep 21 j 17:51	11°♍08'36	1°03'23
asc. node	-2070 Sep 24 j 19:27	7°♍22'09	
morning rise	-2070 Sep 27 j 06:51	5°♍10'00	
direct	-2070 Sep 30 j 18:38	3°♍59'30	
morning max el	-2070 Oct 08 j 06:30	8°♍18'11	19°50'38
greatest brilliancy	-2070 Oct 16 j 01:38	18°♍02'00	-0.6m
	-2070 Oct 24 j 05:04	0°♎	
morning set	-2070 Nov 02 j 21:19	14°♎50'04	
desc. node	-2070 Nov 04 j 22:02	17°♎59'00	
	-2070 Nov 12 j 14:08	0°♏	
max. Earth dist.	-2070 Nov 14 j 22:54	3°♏45'09	1.44097 AU
superior conj	-2070 Nov 19 j 14:33	11°♏13'04	-1°-25'-48
minimum elong	-2070 Nov 19 j 07:00	10°♏42'34	1°25'07
	-2070 Nov 30 j 22:54	0°♐	
evening rise	-2070 Dec 03 j 04:48	3°♐48'32	
	-2070 Dec 19 j 17:04	0°♑	
evening max el	-2070 Dec 21 j 12:13	2°♑00'16	18°17'08
asc. node	-2070 Dec 21 j 18:38	2°♑16'16	
retrograde	-2070 Dec 28 j 00:37	5°♑31'38	
evening set	-2070 Dec 30 j 20:46	4°♑49'00	
	-2069 Jan 05 j 11:55	30°℞♐	
inferior conj	-2069 Jan 06 j 00:54	29°♐24'16	3°46'42
minimum elong	-2069 Jan 05 j 22:53	29°♐29'49	3°46'25
min. Earth dist.	-2069 Jan 08 j 10:33	26°♐45'19	0.63535 AU
morning rise	-2069 Jan 11 j 23:25	23°♐23'44	
direct	-2069 Jan 18 j 23:27	20°♐37'03	
desc. node	-2069 Jan 31 j 21:15	27°♐36'48	
morning max el	-2069 Feb 01 j 16:45	28°♐24'15	27°37'57
	-2069 Feb 03 j 06:05	0°♑	
	-2069 Feb 24 j 15:56	0°♒	
morning set	-2069 Mar 08 j 05:05	21°♒16'33	
	-2069 Mar 12 j 11:34	0°♓	
max. Earth dist.	-2069 Mar 13 j 11:42	2°♓06'41	1.33230 AU
superior conj	-2069 Mar 15 j 23:20	7°♓23'47	0°-38'-49
minimum elong	-2069 Mar 16 j 01:07	7°♓33'22	0°38'29
asc. node	-2069 Mar 19 j 17:59	15°♓31'32	
evening rise	-2069 Mar 23 j 03:17	22°♓44'49	
	-2069 Mar 26 j 16:02	0°♈	
evening max el	-2069 Apr 14 j 20:37	29°♈03'07	23°05'27
	-2069 Apr 15 j 21:08	0°♉	
retrograde	-2069 Apr 28 j 05:58	5°♉40'50	
desc. node	-2069 Apr 29 j 20:18	5°♉35'09	
evening set	-2069 May 01 j 17:26	5°♉14'23	
min. Earth dist.	-2069 May 09 j 06:33	1°♉52'13	0.55672 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

inferior conj	-2069 May 10 j 22:15	0°♉54'25	-2°-54'-37
minimum elong	-2069 May 10 j 15:44	1°♉03'57	2°52'49
	-2069 May 12 j 12:00	30°℞♈	
morning rise	-2069 May 19 j 17:01	26°♈58'36	
direct	-2069 May 22 j 08:25	26°♈41'50	
	-2069 May 31 j 02:44	0°♉	
morning max el	-2069 Jun 02 j 03:24	1°♉42'32	20°30'40
asc. node	-2069 Jun 15 j 17:21	21°♉18'03	
	-2069 Jun 20 j 03:51	0°♊	
morning set	-2069 Jun 20 j 21:36	1°♊30'14	
superior conj	-2069 Jun 28 j 14:11	17°♊18'50	1°41'01
minimum elong	-2069 Jun 28 j 12:14	17°♊08'55	1°40'56
max. Earth dist.	-2069 Jul 03 j 09:30	26°♊52'29	1.36149 AU
	-2069 Jul 05 j 00:27	0°♋	
evening rise	-2069 Jul 07 j 12:35	4°♋42'41	
	-2069 Jul 22 j 11:56	0°♌	
desc. node	-2069 Jul 26 j 19:37	6°♌25'37	
evening max el	-2069 Aug 12 j 05:23	26°♌44'55	26°09'51
	-2069 Aug 15 j 21:47	0°♍	
retrograde	-2069 Aug 24 j 19:19	3°♍53'44	
evening set	-2069 Aug 31 j 03:19	1°♍14'33	
	-2069 Sep 01 j 11:17	30°℞♌	
min. Earth dist.	-2069 Sep 04 j 08:16	26°♌43'27	0.66418 AU
inferior conj	-2069 Sep 05 j 17:45	24°♌59'15	-1°-57'-55
minimum elong	-2069 Sep 05 j 20:35	24°♌50'25	1°56'49
morning rise	-2069 Sep 11 j 14:41	19°♌06'02	
asc. node	-2069 Sep 11 j 16:30	19°♌03'23	
direct	-2069 Sep 14 j 16:54	18°♌11'13	
morning max el	-2069 Sep 21 j 14:20	22°♌03'25	18°56'35
	-2069 Sep 27 j 22:35	0°♍	
morning set	-2069 Oct 13 j 09:55	23°♍52'19	
	-2069 Oct 17 j 07:09	0°♎	
desc. node	-2069 Oct 22 j 19:03	8°♎38'59	
max. Earth dist.	-2069 Oct 28 j 15:51	17°♎52'49	1.44838 AU
superior conj	-2069 Oct 29 j 20:20	19°♎45'01	0°-44'-25
minimum elong	-2069 Oct 29 j 14:43	19°♎22'53	0°43'44
	-2069 Nov 05 j 07:37	0°♏	
evening rise	-2069 Nov 14 j 07:46	14°♏28'09	
	-2069 Nov 23 j 22:27	0°♐	
evening max el	-2069 Dec 04 j 23:48	15°♐24'03	18°44'35
asc. node	-2069 Dec 08 j 15:40	18°♐19'51	
retrograde	-2069 Dec 11 j 17:18	19°♐10'59	
evening set	-2069 Dec 14 j 18:40	18°♐17'51	
inferior conj	-2069 Dec 20 j 15:16	12°♐35'05	3°21'23
minimum elong	-2069 Dec 20 j 12:25	12°♐43'44	3°20'43
min. Earth dist.	-2069 Dec 22 j 09:46	10°♐26'28	0.65049 AU
morning rise	-2069 Dec 26 j 05:06	6°♐26'55	
direct	-2068 Jan 01 j 21:36	3°♐36'24	
morning max el	-2068 Jan 15 j 02:19	11°♐15'43	27°00'09
desc. node	-2068 Jan 18 j 18:18	15°♐11'46	
	-2068 Jan 30 j 01:26	0°♑	
	-2068 Feb 17 j 03:34	0°♒	
morning set	-2068 Feb 19 j 17:50	4°♒55'00	
max. Earth dist.	-2068 Feb 24 j 07:34	13°♒57'27	1.34240 AU
superior conj	-2068 Feb 28 j 02:18	21°♒44'56	-1°-3'-57
minimum elong	-2068 Feb 28 j 05:08	21°♒59'45	1°03'30
	-2068 Mar 03 j 00:16	0°♓	
asc. node	-2068 Mar 05 j 15:00	5°♓30'45	
evening rise	-2068 Mar 06 j 13:25	7°♓27'45	
	-2068 Mar 18 j 18:44	0°♈	
evening max el	-2068 Mar 26 j 17:08	9°♈51'16	21°33'36
retrograde	-2068 Apr 07 j 21:20	15°♈45'15	
evening set	-2068 Apr 10 j 10:06	15°♈30'43	
desc. node	-2068 Apr 15 j 17:22	13°♈39'11	

inferior conj	-2068 Apr 19 j 18:25	11°♈29'19	-1°-8'-3
minimum elong	-2068 Apr 19 j 15:14	11°♈33'46	1°06'57
min. Earth dist.	-2068 Apr 19 j 19:50	11°♈27'19	0.55080 AU
morning rise	-2068 Apr 28 j 20:53	7°♈29'24	
direct	-2068 May 01 j 20:15	7°♈10'02	
morning max el	-2068 May 14 j 06:27	13°♈03'28	21°58'19
	-2068 May 26 j 19:45	0°♉	
asc. node	-2068 Jun 01 j 14:23	10°♉50'55	
morning set	-2068 Jun 04 j 07:04	16°♉20'57	
	-2068 Jun 10 j 18:32	0°♊	
superior conj	-2068 Jun 11 j 15:09	1°♊48'15	1°28'15
minimum elong	-2068 Jun 11 j 12:36	1°♊34'56	1°28'00
max. Earth dist.	-2068 Jun 15 j 00:48	8°♊51'03	1.34678 AU
evening rise	-2068 Jun 19 j 17:55	18°♊13'18	
	-2068 Jun 26 j 02:30	0°♋	
desc. node	-2068 Jul 12 j 16:37	26°♋01'40	
	-2068 Jul 15 j 16:40	0°♌	
evening max el	-2068 Jul 24 j 16:56	10°♌13'27	26°59'27
retrograde	-2068 Aug 06 j 21:35	17°♌32'44	
evening set	-2068 Aug 13 j 17:48	14°♌46'29	
min. Earth dist.	-2068 Aug 17 j 15:11	10°♌53'43	0.65360 AU
inferior conj	-2068 Aug 19 j 13:35	8°♌39'55	-2°-49'-8
minimum elong	-2068 Aug 19 j 17:26	8°♌28'48	2°47'52
morning rise	-2068 Aug 25 j 18:25	3°♌00'30	
direct	-2068 Aug 28 j 13:24	2°♌17'53	
asc. node	-2068 Aug 28 j 13:35	2°♌17'53	
morning max el	-2068 Sep 04 j 03:09	5°♌52'50	18°18'49
	-2068 Sep 20 j 11:39	0°♍	
morning set	-2068 Sep 23 j 01:49	4°♍15'29	
superior conj	-2068 Oct 07 j 21:07	28°♍08'38	0°05'08
minimum elong	-2068 Oct 07 j 21:46	28°♍11'14	0°05'01
behind sun begin	-2068 Oct 07 j 11:07	27°♍29'02	
behind sun end	-2068 Oct 08 j 08:25	28°♍53'24	
desc. node	-2068 Oct 08 j 16:04	29°♍23'39	
	-2068 Oct 09 j 01:16	0°♎	
max. Earth dist.	-2068 Oct 10 j 10:25	2°♎10'51	1.44842 AU
evening rise	-2068 Oct 24 j 10:35	24°♎07'45	
	-2068 Oct 28 j 04:48	0°♏	
greatest brilliancy	-2068 Nov 08 j 11:33	17°♏17'56	-0.7m
evening max el	-2068 Nov 17 j 08:05	28°♏50'50	19°28'55
	-2068 Nov 18 j 12:25	0°♐	
retrograde	-2068 Nov 24 j 13:44	3°♐02'16	
asc. node	-2068 Nov 24 j 12:43	3°♐02'15	
evening set	-2068 Nov 27 j 22:05	1°♐56'43	
	-2068 Nov 30 j 04:58	30°℞♏	
inferior conj	-2068 Dec 03 j 13:16	25°♏59'06	2°45'36
minimum elong	-2068 Dec 03 j 10:19	26°♏08'39	2°44'40
min. Earth dist.	-2068 Dec 04 j 17:47	24°♏26'41	0.66186 AU
morning rise	-2068 Dec 08 j 21:47	19°♏45'45	
direct	-2068 Dec 15 j 01:52	17°♏03'40	
morning max el	-2068 Dec 27 j 11:50	24°♏23'37	25°56'21
	-2067 Jan 01 j 13:44	0°♐	
desc. node	-2067 Jan 04 j 15:22	3°♐47'41	
	-2067 Jan 22 j 11:26	0°♑	
morning set	-2067 Feb 01 j 16:37	17°♑47'16	
max. Earth dist.	-2067 Feb 05 j 15:43	25°♑15'37	1.35699 AU
	-2067 Feb 08 j 02:02	0°♒	
superior conj	-2067 Feb 10 j 21:58	5°♒39'28	-1°-26'-47
minimum elong	-2067 Feb 11 j 01:25	5°♒56'53	1°26'22
evening rise	-2067 Feb 18 j 20:09	21°♒54'35	
asc. node	-2067 Feb 20 j 12:03	25°♒16'44	
	-2067 Feb 22 j 21:25	0°♓	
evening max el	-2067 Mar 08 j 23:37	21°♓10'38	20°14'30
retrograde	-2067 Mar 19 j 12:06	26°♓11'57	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening set	-2067 Mar 21 j 17:05	25°♓59'37	
inferior conj	-2067 Mar 30 j 15:21	22°♓00'56	0°49'32
minimum elong	-2067 Mar 30 j 17:32	21°♓57'42	0°48'47
min. Earth dist.	-2067 Apr 01 j 09:58	20°♓57'37	0.55440 AU
desc. node	-2067 Apr 02 j 14:25	20°♓16'36	
morning rise	-2067 Apr 08 j 15:29	17°♓38'06	
direct	-2067 Apr 12 j 09:47	17°♓07'10	
morning max el	-2067 Apr 26 j 00:54	23°♓49'55	23°36'58
	-2067 May 01 j 14:20	0°♈	
asc. node	-2067 May 19 j 11:26	0°♉41'38	
	-2067 May 19 j 03:27	0°♉	
morning set	-2067 May 19 j 18:41	1°♉19'33	
superior conj	-2067 May 26 j 21:46	16°♉35'21	1°10'55
minimum elong	-2067 May 26 j 19:15	16°♉21'52	1°10'34
max. Earth dist.	-2067 May 29 j 01:35	21°♉11'48	1.33585 AU
	-2067 Jun 02 j 07:18	0°♊	
evening rise	-2067 Jun 03 j 11:12	2°♊20'32	
	-2067 Jun 18 j 23:16	0°♋	
desc. node	-2067 Jun 29 j 13:38	14°♋58'56	
evening max el	-2067 Jul 07 j 03:47	23°♋25'20	27°23'50
	-2067 Jul 16 j 15:43	0°♌	
retrograde	-2067 Jul 20 j 18:20	0°♌47'36	
	-2067 Jul 24 j 15:48	30°℞♋	
evening set	-2067 Jul 27 j 21:46	28°♋05'29	
min. Earth dist.	-2067 Jul 31 j 13:20	24°♋47'53	0.63924 AU
inferior conj	-2067 Aug 03 j 01:21	22°♋10'46	-3°-34'-53
minimum elong	-2067 Aug 03 j 05:36	21°♋59'36	3°33'49
morning rise	-2067 Aug 09 j 15:22	16°♋48'13	
direct	-2067 Aug 12 j 05:31	16°♋14'36	
asc. node	-2067 Aug 15 j 10:40	17°♋06'35	
morning max el	-2067 Aug 18 j 18:20	19°♋40'47	17°58'19
	-2067 Aug 26 j 10:03	0°♌	
morning set	-2067 Sep 04 j 20:17	15°♌54'50	
	-2067 Sep 13 j 03:07	0°♍	
superior conj	-2067 Sep 17 j 14:38	7°♍24'27	0°50'04
minimum elong	-2067 Sep 17 j 19:36	7°♍44'44	0°49'28
max. Earth dist.	-2067 Sep 23 j 03:16	16°♍20'02	1.44133 AU
desc. node	-2067 Sep 25 j 13:04	20°♍09'39	
	-2067 Oct 01 j 19:55	0°♎	
evening rise	-2067 Oct 03 j 19:18	3°♎03'13	
	-2067 Oct 21 j 18:55	0°♏	
greatest brilliancy	-2067 Oct 25 j 05:14	4°♏44'34	-0.5m
evening max el	-2067 Oct 31 j 11:18	12°♏17'54	20°28'10
retrograde	-2067 Nov 08 j 11:14	17°♏00'54	
asc. node	-2067 Nov 11 j 09:48	16°♏11'09	
evening set	-2067 Nov 12 j 04:42	15°♏40'37	
inferior conj	-2067 Nov 17 j 16:15	9°♏31'34	2°02'17
minimum elong	-2067 Nov 17 j 13:45	9°♏39'59	2°01'21
min. Earth dist.	-2067 Nov 18 j 08:24	8°♏36'55	0.66966 AU
morning rise	-2067 Nov 22 j 22:17	3°♏15'30	
direct	-2067 Nov 28 j 11:36	0°♏50'17	
morning max el	-2067 Dec 09 j 20:21	7°♏36'55	24°35'55
desc. node	-2067 Dec 22 j 12:25	23°♏05'54	
	-2067 Dec 27 j 09:04	0°♐	
morning set	-2066 Jan 14 j 19:42	29°♐36'12	
	-2066 Jan 15 j 01:07	0°♑	
max. Earth dist.	-2066 Jan 18 j 13:39	6°♑18'25	1.37557 AU
superior conj	-2066 Jan 25 j 07:01	18°♑57'24	-1°-45'-16
minimum elong	-2066 Jan 25 j 10:13	19°♑12'56	1°45'03
	-2066 Jan 30 j 21:25	0°♒	
evening rise	-2066 Feb 02 j 21:08	5°♒57'42	
asc. node	-2066 Feb 07 j 09:05	14°♒43'18	
	-2066 Feb 16 j 20:55	0°♓	
evening max el	-2066 Feb 19 j 17:02	3°♓07'18	19°13'29
retrograde	-2066 Feb 28 j 14:14	7°♓22'13	
evening set	-2066 Mar 02 j 20:55	7°♓06'41	
inferior conj	-2066 Mar 11 j 02:12	2°♓56'16	2°26'18
minimum elong	-2066 Mar 11 j 06:53	2°♓48'20	2°25'00
min. Earth dist.	-2066 Mar 14 j 01:17	0°♓56'54	0.56666 AU
	-2066 Mar 15 j 13:38	30°℞♒	
morning rise	-2066 Mar 19 j 12:52	28°♒02'07	
desc. node	-2066 Mar 20 j 11:30	27°♒42'53	
direct	-2066 Mar 24 j 11:07	27°♒05'46	
	-2066 Apr 02 j 05:28	0°♓	
morning max el	-2066 Apr 07 j 15:41	4°♓22'18	25°14'37
	-2066 Apr 25 j 23:09	0°♈	
morning set	-2066 May 04 j 06:47	16°♈20'15	
asc. node	-2066 May 06 j 08:30	20°♈44'30	
	-2066 May 10 j 14:50	0°♉	
superior conj	-2066 May 11 j 07:49	1°♉32'36	0°50'10
minimum elong	-2066 May 11 j 05:49	1°♉21'38	0°49'48
max. Earth dist.	-2066 May 12 j 09:57	3°♉54'42	1.32869 AU
evening rise	-2066 May 18 j 12:48	16°♉53'08	
	-2066 May 25 j 05:55	0°♊	
	-2066 Jun 13 j 19:24	0°♋	
desc. node	-2066 Jun 16 j 10:39	3°♋01'10	
evening max el	-2066 Jun 19 j 11:52	6°♋08'32	27°17'30
retrograde	-2066 Jul 03 j 08:41	13°♋29'05	
evening set	-2066 Jul 10 j 11:25	11°♋05'01	
min. Earth dist.	-2066 Jul 14 j 01:35	8°♋13'52	0.62146 AU
inferior conj	-2066 Jul 17 j 02:04	5°♋25'09	-4°-10'-54
minimum elong	-2066 Jul 17 j 05:36	5°♋16'52	4°10'20
morning rise	-2066 Jul 24 j 02:22	0°♋22'24	
	-2066 Jul 25 j 12:57	30°℞♊	
direct	-2066 Jul 26 j 14:05	29°♊55'05	
	-2066 Jul 27 j 15:03	0°♋	
asc. node	-2066 Aug 02 j 07:45	3°♋17'47	
morning max el	-2066 Aug 02 j 09:04	3°♋20'59	17°56'05
morning set	-2066 Aug 18 j 11:52	28°♋35'10	
	-2066 Aug 19 j 06:40	0°♌	
superior conj	-2066 Aug 29 j 11:17	18°♌00'56	1°22'34
minimum elong	-2066 Aug 29 j 16:19	18°♌22'29	1°22'07
max. Earth dist.	-2066 Sep 05 j 16:04	0°♍04'39	1.42808 AU
	-2066 Sep 05 j 14:56	0°♍	
desc. node	-2066 Sep 12 j 10:05	10°♍54'08	
evening rise	-2066 Sep 13 j 02:30	11°♍58'33	
	-2066 Sep 24 j 22:52	0°♎	
greatest brilliancy	-2066 Oct 09 j 10:24	20°♎06'55	-0.4m
evening max el	-2066 Oct 14 j 08:38	25°♎45'26	21°39'13
	-2066 Oct 19 j 14:24	0°♏	
retrograde	-2066 Oct 23 j 07:46	1°♏04'55	
	-2066 Oct 26 j 18:20	30°℞♎	
evening set	-2066 Oct 27 j 12:37	29°♎27'29	
asc. node	-2066 Oct 29 j 06:53	27°♎48'35	
inferior conj	-2066 Nov 01 j 22:06	23°♎10'31	1°13'41
minimum elong	-2066 Nov 01 j 20:28	23°♎16'09	1°13'00
min. Earth dist.	-2066 Nov 02 j 03:10	22°♎53'02	0.67414 AU
morning rise	-2066 Nov 07 j 04:02	16°♎54'23	
direct	-2066 Nov 12 j 02:01	14°♎50'29	
morning max el	-2066 Nov 22 j 05:44	20°♎53'25	23°08'53
greatest brilliancy	-2066 Nov 27 j 06:15	26°♎31'50	-0.3m
	-2066 Nov 30 j 00:36	0°♏	
desc. node	-2066 Dec 09 j 09:29	12°♏54'32	
	-2066 Dec 20 j 15:43	0°♐	
morning set	-2066 Dec 26 j 20:53	10°♐06'00	
max. Earth dist.	-2066 Dec 31 j 08:51	17°♐44'13	1.39645 AU
	-2065 Jan 07 j 06:06	0°♑	
superior conj	-2065 Jan 08 j 01:13	1°♑27'53	-1°-56'-35

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2065 Jan 08 j 02:47	1°♑35'08	1°56'36
evening rise	-2065 Jan 17 j 13:41	19°♑30'34	
	-2065 Jan 23 j 03:30	0°♒	
asc. node	-2065 Jan 25 j 06:08	3°♒43'56	
evening max el	-2065 Feb 02 j 19:28	15°♒36'49	18°32'16
retrograde	-2065 Feb 10 j 10:47	19°♒20'46	
evening set	-2065 Feb 12 j 21:25	18°♒59'08	
inferior conj	-2065 Feb 20 j 09:18	14°♒28'53	3°27'07
minimum elong	-2065 Feb 20 j 12:55	14°♒21'45	3°26'29
min. Earth dist.	-2065 Feb 23 j 19:04	11°♒49'09	0.58479 AU
morning rise	-2065 Feb 28 j 00:42	9°♒07'07	
direct	-2065 Mar 06 j 01:36	7°♒34'23	
desc. node	-2065 Mar 07 j 08:34	7°♒38'35	
morning max el	-2065 Mar 20 j 08:46	15°♒08'46	26°36'12
	-2065 Apr 01 j 08:18	0°♓	
	-2065 Apr 18 j 02:53	0°♈	
morning set	-2065 Apr 18 j 17:38	1°♈16'52	
asc. node	-2065 Apr 23 j 05:31	10°♈54'26	
superior conj	-2065 Apr 25 j 19:25	16°♈33'07	0°26'54
minimum elong	-2065 Apr 25 j 18:15	16°♈26'43	0°26'39
max. Earth dist.	-2065 Apr 25 j 22:33	16°♈50'17	1.32511 AU
	-2065 May 02 j 00:36	0°♉	
evening rise	-2065 May 02 j 19:55	1°♉41'19	
	-2065 May 18 j 06:58	0°♊	
evening max el	-2065 Jun 01 j 14:36	18°♊11'15	26°38'03
desc. node	-2065 Jun 03 j 07:42	19°♊44'42	
retrograde	-2065 Jun 15 j 15:03	25°♊28'14	
evening set	-2065 Jun 22 j 06:15	23°♊35'22	
min. Earth dist.	-2065 Jun 26 j 03:57	20°♊56'16	0.60141 AU
inferior conj	-2065 Jun 29 j 12:07	18°♊13'26	-4°-30'-30
minimum elong	-2065 Jun 29 j 13:19	18°♊10'58	4°30'25
morning rise	-2065 Jul 06 j 23:39	13°♊32'49	
direct	-2065 Jul 09 j 11:00	13°♊09'54	
morning max el	-2065 Jul 16 j 20:25	16°♊45'14	18°13'07
asc. node	-2065 Jul 20 j 04:48	20°♊35'18	
	-2065 Jul 26 j 05:54	0°♋	
morning set	-2065 Aug 01 j 18:56	12°♋00'35	
superior conj	-2065 Aug 11 j 09:47	29°♋54'06	1°41'19
minimum elong	-2065 Aug 11 j 12:39	0°♌07'04	1°41'11
	-2065 Aug 11 j 11:05	0°♌	
max. Earth dist.	-2065 Aug 18 j 23:35	13°♌11'03	1.41037 AU
evening rise	-2065 Aug 24 j 02:05	21°♌40'22	
	-2065 Aug 29 j 07:14	0°♍	
desc. node	-2065 Aug 30 j 07:05	1°♍33'00	
	-2065 Sep 19 j 02:40	0°♎	
greatest brilliancy	-2065 Sep 21 j 20:46	3°♎26'51	-0.3m
evening max el	-2065 Sep 27 j 00:30	9°♎13'31	22°57'48
retrograde	-2065 Oct 07 j 01:53	15°♎11'12	
evening set	-2065 Oct 11 j 20:03	13°♎14'57	
asc. node	-2065 Oct 16 j 03:56	8°♎19'18	
inferior conj	-2065 Oct 17 j 04:57	6°♎53'33	0°21'32
minimum elong	-2065 Oct 17 j 04:27	6°♎55'18	0°21'18
min. Earth dist.	-2065 Oct 16 j 23:36	7°♎12'00	0.67541 AU
morning rise	-2065 Oct 22 j 12:50	0°♎40'07	
	-2065 Oct 23 j 11:29	30°℞♍	
direct	-2065 Oct 26 j 20:09	28°♍58'33	
	-2065 Oct 30 j 11:21	0°♎	
morning max el	-2065 Nov 04 j 19:30	4°♎16'13	21°44'14
greatest brilliancy	-2065 Nov 09 j 17:53	9°♎53'39	-0.4m
	-2065 Nov 24 j 05:00	0°♏	
desc. node	-2065 Nov 26 j 06:31	3°♏04'45	
morning set	-2065 Dec 06 j 17:07	19°♏12'48	
	-2065 Dec 13 j 08:33	0°♐	
max. Earth dist.	-2065 Dec 13 j 09:09	0°♐02'30	1.41676 AU
superior conj	-2065 Dec 20 j 23:16	12°♐57'40	-1°-56'-59
minimum elong	-2065 Dec 20 j 21:26	12°♐49'40	1°57'00
	-2065 Dec 30 j 10:41	0°♑	
evening rise	-2065 Dec 31 j 18:27	2°♑25'59	
asc. node	-2064 Jan 12 j 03:10	22°♑10'24	
evening max el	-2064 Jan 17 j 04:08	28°♑31'06	18°11'04
	-2064 Jan 18 j 20:46	0°♒	
retrograde	-2064 Jan 24 j 01:13	2°♒00'04	
evening set	-2064 Jan 26 j 15:21	1°♒31'07	
	-2064 Jan 29 j 11:21	30°℞♑	
inferior conj	-2064 Feb 02 j 12:30	26°♑38'51	3°53'57
minimum elong	-2064 Feb 02 j 13:36	26°♑36'19	3°53'52
min. Earth dist.	-2064 Feb 05 j 18:28	23°♑41'53	0.60522 AU
morning rise	-2064 Feb 09 j 08:59	20°♑57'04	
direct	-2064 Feb 16 j 03:20	18°♑47'15	
desc. node	-2064 Feb 22 j 05:39	20°♑23'08	
morning max el	-2064 Mar 01 j 07:59	26°♑31'09	27°28'38
	-2064 Mar 04 j 15:06	0°♒	
	-2064 Mar 24 j 19:20	0°♓	
morning set	-2064 Apr 02 j 01:30	16°♓03'08	
max. Earth dist.	-2064 Apr 08 j 11:34	29°♓45'26	1.32499 AU
	-2064 Apr 08 j 14:14	0°♈	
superior conj	-2064 Apr 09 j 06:54	1°♈31'07	0°01'56
minimum elong	-2064 Apr 09 j 06:49	1°♈30'38	0°01'55
behind sun begin	-2064 Apr 09 j 01:49	1°♈03'16	
behind sun end	-2064 Apr 09 j 11:49	1°♈58'01	
asc. node	-2064 Apr 09 j 02:32	1°♈07'14	
evening rise	-2064 Apr 16 j 06:18	16°♈37'12	
	-2064 Apr 22 j 22:48	0°♉	
evening max el	-2064 May 13 j 10:34	29°♉29'55	25°28'50
	-2064 May 13 j 23:20	0°♊	
desc. node	-2064 May 20 j 04:43	4°♊38'05	
retrograde	-2064 May 27 j 11:52	6°♊41'14	
evening set	-2064 Jun 02 j 02:54	5°♊26'44	
min. Earth dist.	-2064 Jun 06 j 22:36	2°♊42'03	0.58120 AU
inferior conj	-2064 Jun 10 j 03:59	0°♊26'04	-4°-23'-54
minimum elong	-2064 Jun 10 j 01:18	0°♊30'50	4°23'38
	-2064 Jun 10 j 18:47	30°℞♉	
morning rise	-2064 Jun 18 j 03:37	26°♉07'51	
direct	-2064 Jun 20 j 15:45	25°♉48'20	
morning max el	-2064 Jun 29 j 01:29	29°♉45'20	18°50'22
	-2064 Jun 29 j 07:39	0°♊	
asc. node	-2064 Jul 06 j 01:51	8°♊44'55	
morning set	-2064 Jul 15 j 13:06	25°♊59'49	
	-2064 Jul 17 j 14:06	0°♋	
superior conj	-2064 Jul 24 j 04:43	12°♋49'19	1°48'12
minimum elong	-2064 Jul 24 j 05:12	12°♋51'37	1°48'14
max. Earth dist.	-2064 Jul 31 j 02:34	25°♋33'29	1.39061 AU
	-2064 Aug 02 j 15:08	0°♌	
evening rise	-2064 Aug 04 j 02:44	2°♌33'32	
desc. node	-2064 Aug 16 j 04:05	22°♌02'06	
	-2064 Aug 21 j 12:54	0°♍	
evening max el	-2064 Sep 08 j 12:37	22°♍43'28	24°18'03
retrograde	-2064 Sep 19 j 16:29	29°♍16'24	
evening set	-2064 Sep 25 j 01:18	27°♍01'10	
inferior conj	-2064 Sep 30 j 11:05	20°♍39'03	0°-32'-36
minimum elong	-2064 Sep 30 j 11:52	20°♍36'24	0°32'16
min. Earth dist.	-2064 Sep 29 j 19:21	21°♍32'02	0.67355 AU
asc. node	-2064 Oct 02 j 01:00	18°♍33'43	
morning rise	-2064 Oct 05 j 22:43	14°♍31'03	
direct	-2064 Oct 09 j 16:57	13°♍10'13	
morning max el	-2064 Oct 17 j 16:11	17°♍48'09	20°28'29
greatest brilliancy	-2064 Oct 24 j 01:47	25°♍28'12	-0.5m
	-2064 Oct 27 j 08:56	0°♎	
desc. node	-2064 Nov 12 j 03:32	23°♎29'57	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning set	-2064 Nov 14 j 16:43	27°♎26'09	
	-2064 Nov 16 j 08:18	0°♏	
max. Earth dist.	-2064 Nov 24 j 16:47	13°♏13'26	1.43363 AU
superior conj	-2064 Nov 30 j 19:42	23°♏13'35	-1°-42'-17
minimum elong	-2064 Nov 30 j 13:38	22°♏48'27	1°41'53
	-2064 Dec 04 j 20:40	0°♐	
evening rise	-2064 Dec 13 j 07:19	14°♐34'56	
	-2064 Dec 22 j 05:51	0°♑	
asc. node	-2064 Dec 29 j 00:12	9°♑51'47	
evening max el	-2064 Dec 30 j 16:01	11°♑41'24	18°09'26
retrograde	-2063 Jan 06 j 05:12	15°♑08'53	
evening set	-2063 Jan 08 j 22:50	14°♑31'42	
inferior conj	-2063 Jan 15 j 08:22	9°♑18'17	3°54'54
minimum elong	-2063 Jan 15 j 07:15	9°♑21'12	3°54'47
min. Earth dist.	-2063 Jan 18 j 02:28	6°♑27'16	0.62502 AU
morning rise	-2063 Jan 21 j 13:38	3°♑23'03	
direct	-2063 Jan 28 j 14:18	0°♑45'32	
desc. node	-2063 Feb 08 j 02:43	5°♑27'56	
morning max el	-2063 Feb 11 j 13:07	8°♑34'01	27°45'00
	-2063 Feb 28 j 02:48	0°♒	
	-2063 Mar 16 j 22:10	0°♓	
morning set	-2063 Mar 17 j 04:12	0°♓30'26	
max. Earth dist.	-2063 Mar 22 j 20:50	12°♓24'02	1.32849 AU
superior conj	-2063 Mar 24 j 16:34	16°♓19'39	0°-23'-55
minimum elong	-2063 Mar 24 j 17:41	16°♓25'39	0°23'43
asc. node	-2063 Mar 26 j 23:33	21°♓17'56	
	-2063 Mar 31 j 00:27	0°♈	
evening rise	-2063 Mar 31 j 17:58	1°♈32'45	
	-2063 Apr 16 j 12:47	0°♉	
evening max el	-2063 Apr 25 j 01:57	10°♉15'43	23°59'54
desc. node	-2063 May 07 j 01:45	17°♉04'01	
retrograde	-2063 May 08 j 21:13	17°♉11'32	
evening set	-2063 May 13 j 03:06	16°♉31'29	
min. Earth dist.	-2063 May 19 j 13:16	13°♉26'04	0.56390 AU
inferior conj	-2063 May 21 j 23:39	11°♉55'59	-3°-39'-43
minimum elong	-2063 May 21 j 17:30	12°♉05'31	3°38'24
morning rise	-2063 May 30 j 11:47	7°♉55'14	
direct	-2063 Jun 02 j 01:11	7°♉38'12	
morning max el	-2063 Jun 11 j 21:37	12°♉11'51	19°48'21
asc. node	-2063 Jun 22 j 22:54	27°♉34'15	
	-2063 Jun 24 j 06:56	0°♊	
morning set	-2063 Jun 29 j 15:09	10°♊24'22	
superior conj	-2063 Jul 07 j 14:35	26°♊30'53	1°45'45
minimum elong	-2063 Jul 07 j 13:18	26°♊24'29	1°45'45
	-2063 Jul 09 j 08:59	0°♋	
max. Earth dist.	-2063 Jul 13 j 05:37	7°♋24'56	1.37138 AU
evening rise	-2063 Jul 17 j 03:40	14°♋38'09	
	-2063 Jul 26 j 03:07	0°♌	
desc. node	-2063 Aug 03 j 01:03	12°♌16'27	
	-2063 Aug 16 j 05:32	0°♍	
evening max el	-2063 Aug 21 j 23:34	6°♍16'38	25°32'43
retrograde	-2063 Sep 03 j 02:52	13°♍16'14	
evening set	-2063 Sep 09 j 02:34	10°♍44'25	
min. Earth dist.	-2063 Sep 13 j 12:03	5°♍51'29	0.66848 AU
inferior conj	-2063 Sep 14 j 14:46	4°♍25'19	-1°-27'-5
minimum elong	-2063 Sep 14 j 16:53	4°♍18'30	1°26'14
	-2063 Sep 18 j 09:15	30°℞♌	
asc. node	-2063 Sep 18 j 22:04	29°♌30'17	
morning rise	-2063 Sep 20 j 07:52	28°♌25'45	
direct	-2063 Sep 23 j 15:10	27°♌22'33	
	-2063 Sep 29 j 06:20	0°♍	
morning max el	-2063 Sep 30 j 20:17	1°♍29'13	19°25'47
greatest brilliancy	-2063 Oct 10 j 05:40	13°♍39'18	-0.7m
	-2063 Oct 20 j 23:22	0°♎	
morning set	-2063 Oct 24 j 18:04	5°♎52'23	
desc. node	-2063 Oct 30 j 00:32	14°♎05'36	
max. Earth dist.	-2063 Nov 07 j 06:36	27°♎03'43	1.44489 AU
	-2063 Nov 09 j 03:04	0°♏	
superior conj	-2063 Nov 10 j 13:23	2°♏16'38	-1°-9'-59
minimum elong	-2063 Nov 10 j 05:53	1°♏46'42	1°09'12
evening rise	-2063 Nov 24 j 23:49	25°♏49'06	
	-2063 Nov 27 j 12:00	0°♐	
evening max el	-2063 Dec 14 j 04:29	25°♐02'01	18°26'38
asc. node	-2063 Dec 15 j 21:15	26°♐35'29	
retrograde	-2063 Dec 20 j 18:18	28°♐39'02	
evening set	-2063 Dec 23 j 16:23	27°♐52'20	
inferior conj	-2063 Dec 29 j 17:03	22°♐19'47	3°37'31
minimum elong	-2063 Dec 29 j 14:35	22°♐26'55	3°37'03
min. Earth dist.	-2063 Dec 31 j 20:19	19°♐52'15	0.64222 AU
morning rise	-2062 Jan 04 j 11:23	16°♐15'28	
direct	-2062 Jan 11 j 09:01	13°♐25'06	
morning max el	-2062 Jan 24 j 21:49	21°♐11'00	27°25'28
desc. node	-2062 Jan 25 j 23:48	22°♐17'09	
	-2062 Feb 01 j 14:46	0°♑	
	-2062 Feb 21 j 04:52	0°♒	
morning set	-2062 Feb 28 j 23:03	14°♒29'58	
max. Earth dist.	-2062 Mar 05 j 22:25	24°♒33'42	1.33606 AU
superior conj	-2062 Mar 08 j 22:37	0°♓52'55	0°-49'-39
minimum elong	-2062 Mar 09 j 00:53	1°♓04'56	0°49'15
	-2062 Mar 08 j 12:38	0°♓	
asc. node	-2062 Mar 13 j 20:35	11°♓22'33	
evening rise	-2062 Mar 16 j 05:12	16°♓21'57	
	-2062 Mar 23 j 01:56	0°♈	
evening max el	-2062 Apr 06 j 18:53	20°♈55'31	22°25'18
retrograde	-2062 Apr 19 j 18:04	27°♈16'39	
evening set	-2062 Apr 22 j 17:43	26°♈57'04	
desc. node	-2062 Apr 23 j 22:49	26°♈38'32	
min. Earth dist.	-2062 May 01 j 02:55	23°♈19'11	0.55308 AU
inferior conj	-2062 May 02 j 01:53	22°♈46'34	-2°-12'-53
minimum elong	-2062 May 01 j 20:12	22°♈54'38	2°11'05
morning rise	-2062 May 11 j 00:44	18°♈50'57	
direct	-2062 May 13 j 18:19	18°♈33'51	
morning max el	-2062 May 25 j 06:55	23°♈57'13	21°06'03
	-2062 May 30 j 15:11	0°♉	
asc. node	-2062 Jun 09 j 19:56	16°♉53'30	
morning set	-2062 Jun 13 j 22:30	25°♉07'07	
	-2062 Jun 16 j 06:59	0°♊	
superior conj	-2062 Jun 21 j 11:01	10°♊45'40	1°36'14
minimum elong	-2062 Jun 21 j 08:44	10°♊33'53	1°36'05
max. Earth dist.	-2062 Jun 25 j 15:20	19°♊13'56	1.35475 AU
evening rise	-2062 Jun 30 j 00:09	27°♊41'43	
	-2062 Jul 01 j 05:41	0°♋	
	-2062 Jul 19 j 10:01	0°♌	
desc. node	-2062 Jul 20 j 22:03	2°♌08'55	
evening max el	-2062 Aug 04 j 11:02	19°♌49'30	26°33'46
retrograde	-2062 Aug 17 j 08:14	27°♌04'21	
evening set	-2062 Aug 23 j 21:41	24°♌21'15	
min. Earth dist.	-2062 Aug 27 j 23:20	20°♌06'18	0.66003 AU
inferior conj	-2062 Aug 29 j 14:06	18°♌09'03	-2°-20'-10
minimum elong	-2062 Aug 29 j 17:25	17°♌59'01	2°18'57
morning rise	-2062 Sep 04 j 14:12	12°♌21'04	
asc. node	-2062 Sep 05 j 19:09	11°♌49'07	
direct	-2062 Sep 07 j 12:59	11°♌31'54	
morning max el	-2062 Sep 14 j 06:27	15°♌16'06	18°38'27
	-2062 Sep 25 j 00:59	0°♍	
morning set	-2062 Oct 04 j 17:38	15°♍27'05	
	-2062 Oct 13 j 20:46	0°♎	
desc. node	-2062 Oct 16 j 21:31	4°♎47'28	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2062 Oct 20 j 14:12	10°♎36'46	0°-23'-39
minimum elong	-2062 Oct 20 j 11:04	10°♎24'27	0°23'16
max. Earth dist.	-2062 Oct 21 j 00:14	11°♎16'16	1.44926 AU
	-2062 Nov 01 j 21:13	0°♏	
evening rise	-2062 Nov 05 j 16:15	6°♏01'38	
	-2062 Nov 21 j 00:11	0°♐	
evening max el	-2062 Nov 27 j 15:00	8°♐27'25	19°01'34
asc. node	-2062 Dec 02 j 18:19	12°♐06'03	
retrograde	-2062 Dec 04 j 12:49	12°♐23'30	
evening set	-2062 Dec 07 j 16:56	11°♐25'24	
inferior conj	-2062 Dec 13 j 11:01	5°♐36'14	3°07'17
minimum elong	-2062 Dec 13 j 08:02	5°♐45'31	3°06'29
min. Earth dist.	-2062 Dec 14 j 23:28	3°♐42'25	0.65583 AU
	-2062 Dec 18 j 07:13	30°℞♏	
morning rise	-2062 Dec 18 j 22:13	29°♏25'43	
direct	-2062 Dec 25 j 10:03	26°♏37'10	
	-2061 Jan 02 j 14:07	0°♐	
morning max el	-2061 Jan 07 j 07:21	4°♐09'46	26°35'34
desc. node	-2061 Jan 12 j 20:51	10°♐20'10	
	-2061 Jan 27 j 01:06	0°♑	
morning set	-2061 Feb 12 j 06:27	27°♑50'26	
	-2061 Feb 13 j 09:39	0°♒	
max. Earth dist.	-2061 Feb 16 j 13:07	6°♒08'17	1.34807 AU
superior conj	-2061 Feb 20 j 22:53	15°♒04'02	-1°-14'-1
minimum elong	-2061 Feb 21 j 02:02	15°♒20'22	1°13'33
	-2061 Feb 28 j 02:47	0°♓	
evening rise	-2061 Feb 28 j 14:09	0°♓58'50	
asc. node	-2061 Feb 28 j 17:38	1°♓16'49	
	-2061 Mar 17 j 22:27	0°♈	
evening max el	-2061 Mar 19 j 19:32	1°♈56'15	20°58'00
retrograde	-2061 Mar 31 j 07:16	7°♈27'13	
evening set	-2061 Apr 02 j 15:10	7°♈14'30	
desc. node	-2061 Apr 10 j 19:54	3°♈51'46	
inferior conj	-2061 Apr 11 j 20:39	3°♈16'46	0°-17'-27
minimum elong	-2061 Apr 11 j 19:49	3°♈17'56	0°17'10
min. Earth dist.	-2061 Apr 12 j 16:39	2°♈48'22	0.55121 AU
	-2061 Apr 18 j 06:51	30°℞♓	
morning rise	-2061 Apr 20 j 23:33	29°♓08'58	
direct	-2061 Apr 24 j 05:50	28°♓45'53	
	-2061 Apr 29 j 23:09	0°♈	
morning max el	-2061 May 07 j 05:45	5°♈01'40	22°39'27
	-2061 May 24 j 09:21	0°♉	
asc. node	-2061 May 27 j 17:00	6°♉34'59	
morning set	-2061 May 29 j 09:09	10°♉02'21	
superior conj	-2061 Jun 05 j 14:44	25°♉23'53	1°21'23
minimum elong	-2061 Jun 05 j 12:08	25°♉10'07	1°21'04
	-2061 Jun 07 j 19:10	0°♊	
max. Earth dist.	-2061 Jun 08 j 11:03	1°♊22'44	1.34171 AU
evening rise	-2061 Jun 13 j 11:10	11°♊30'11	
	-2061 Jun 23 j 13:47	0°♋	
desc. node	-2061 Jul 07 j 19:05	21°♋30'17	
	-2061 Jul 14 j 19:24	0°♌	
evening max el	-2061 Jul 17 j 22:46	3°♌13'31	27°13'22
retrograde	-2061 Jul 31 j 08:05	10°♌34'02	
evening set	-2061 Aug 07 j 08:06	7°♌48'23	
min. Earth dist.	-2061 Aug 11 j 02:50	4°♌10'58	0.64796 AU
inferior conj	-2061 Aug 13 j 06:53	1°♌46'35	-3°-9'-27
minimum elong	-2061 Aug 13 j 11:00	1°♌35'07	3°08'12
	-2061 Aug 14 j 22:07	30°℞♋	
morning rise	-2061 Aug 19 j 15:26	26°♋13'39	
direct	-2061 Aug 22 j 08:09	25°♋35'06	
asc. node	-2061 Aug 23 j 16:13	25°♋44'36	
morning max el	-2061 Aug 28 j 20:33	29°♋05'12	18°07'53
	-2061 Aug 29 j 17:20	0°♌	
morning set	-2061 Sep 15 j 21:25	26°♌24'27	
	-2061 Sep 18 j 01:01	0°♍	
superior conj	-2061 Sep 29 j 19:48	19°♍15'40	0°25'23
minimum elong	-2061 Sep 29 j 22:49	19°♍27'44	0°25'00
desc. node	-2061 Oct 03 j 18:31	25°♍32'42	
max. Earth dist.	-2061 Oct 03 j 18:43	25°♍33'28	1.44630 AU
	-2061 Oct 06 j 14:18	0°♎	
evening rise	-2061 Oct 16 j 09:58	15°♎18'32	
	-2061 Oct 25 j 23:12	0°♏	
greatest brilliancy	-2061 Nov 03 j 09:18	12°♏27'56	-0.6m
evening max el	-2061 Nov 10 j 21:21	21°♏54'21	19°52'31
retrograde	-2061 Nov 18 j 09:53	26°♏17'57	
asc. node	-2061 Nov 19 j 15:24	26°♏09'14	
evening set	-2061 Nov 21 j 21:58	25°♏06'15	
inferior conj	-2061 Nov 27 j 11:23	19°♏03'25	2°27'57
minimum elong	-2061 Nov 27 j 08:34	19°♏12'43	2°27'00
min. Earth dist.	-2061 Nov 28 j 10:25	17°♏47'14	0.66566 AU
morning rise	-2061 Dec 02 j 18:33	12°♏48'53	
direct	-2061 Dec 08 j 16:36	10°♏13'18	
morning max el	-2061 Dec 20 j 16:14	17°♏19'46	25°23'35
desc. node	-2061 Dec 30 j 17:54	29°♏15'18	
	-2061 Dec 31 j 07:20	0°♐	
	-2060 Jan 20 j 00:37	0°♑	
morning set	-2060 Jan 25 j 21:36	10°♑17'16	
max. Earth dist.	-2060 Jan 29 j 16:33	17°♑16'47	1.36450 AU
superior conj	-2060 Feb 04 j 14:30	28°♑44'09	-1°-35'-18
minimum elong	-2060 Feb 04 j 17:58	29°♑01'26	1°34'57
	-2060 Feb 05 j 05:43	0°♒	
evening rise	-2060 Feb 12 j 18:45	15°♒16'26	
asc. node	-2060 Feb 15 j 14:42	20°♒55'17	
	-2060 Feb 20 j 11:28	0°♓	
evening max el	-2060 Mar 01 j 06:45	13°♓31'19	19°46'08
retrograde	-2060 Mar 11 j 01:32	18°♓11'24	
evening set	-2060 Mar 13 j 06:49	17°♓58'03	
inferior conj	-2060 Mar 21 j 22:11	13°♓55'29	1°34'33
minimum elong	-2060 Mar 22 j 01:56	13°♓49'38	1°33'19
min. Earth dist.	-2060 Mar 24 j 06:50	12°♓27'27	0.55871 AU
desc. node	-2060 Mar 27 j 16:59	10°♓33'09	
morning rise	-2060 Mar 30 j 17:50	9°♓20'01	
direct	-2060 Apr 03 j 23:29	8°♓40'09	
morning max el	-2060 Apr 17 j 21:49	15°♓38'31	24°19'32
	-2060 Apr 29 j 07:47	0°♈	
morning set	-2060 May 12 j 21:13	25°♈02'49	
asc. node	-2060 May 13 j 14:03	26°♈31'32	
	-2060 May 15 j 05:09	0°♉	
superior conj	-2060 May 19 j 23:04	10°♉16'04	1°02'30
minimum elong	-2060 May 19 j 20:43	10°♉03'21	1°02'06
max. Earth dist.	-2060 May 21 j 15:42	13°♉54'55	1.33241 AU
evening rise	-2060 May 27 j 08:24	25°♉49'25	
	-2060 May 29 j 10:37	0°♊	
	-2060 Jun 16 j 00:34	0°♋	
desc. node	-2060 Jun 23 j 16:08	10°♋06'25	
evening max el	-2060 Jun 29 j 08:48	16°♋14'40	27°25'01
retrograde	-2060 Jul 13 j 01:56	23°♋35'47	
evening set	-2060 Jul 20 j 06:26	20°♋59'30	
min. Earth dist.	-2060 Jul 23 j 20:40	17°♋54'47	0.63214 AU
inferior conj	-2060 Jul 26 j 14:19	15°♋11'06	-3°-51'-41
minimum elong	-2060 Jul 26 j 18:26	15°♋00'47	3°50'47
morning rise	-2060 Aug 02 j 08:35	9°♋56'40	
direct	-2060 Aug 04 j 21:34	9°♋25'53	
asc. node	-2060 Aug 09 j 13:17	11°♋09'57	
morning max el	-2060 Aug 11 j 11:53	12°♋50'28	17°55'06
	-2060 Aug 23 j 04:35	0°♌	
morning set	-2060 Aug 28 j 01:35	8°♌31'37	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2060 Sep 09 j 00:25	29°♌04'25	1°05'36
minimum elong	-2060 Sep 09 j 05:51	29°♌27'00	1°04'59
	-2060 Sep 09 j 13:47	0°♍	
max. Earth dist.	-2060 Sep 15 j 10:37	9°♍35'50	1.43638 AU
desc. node	-2060 Sep 19 j 15:32	16°♍18'12	
evening rise	-2060 Sep 24 j 15:39	24°♍07'37	
	-2060 Sep 28 j 11:20	0°♎	
greatest brilliancy	-2060 Oct 18 j 08:22	28°♎47'21	-0.5m
	-2060 Oct 19 j 07:05	0°♏	
evening max el	-2060 Oct 23 j 22:03	5°♏21'12	20°57'09
retrograde	-2060 Nov 01 j 07:14	10°♏19'18	
evening set	-2060 Nov 05 j 05:21	8°♏51'45	
asc. node	-2060 Nov 05 j 12:27	8°♏37'58	
inferior conj	-2060 Nov 10 j 15:49	2°♏38'41	1°42'11
minimum elong	-2060 Nov 10 j 13:39	2°♏46'05	1°41'20
min. Earth dist.	-2060 Nov 11 j 03:01	2°♏00'19	0.67193 AU
	-2060 Nov 12 j 14:58	30°℞♎	
morning rise	-2060 Nov 15 j 21:33	26°♎22'23	
direct	-2060 Nov 21 j 04:13	24°♎06'14	
	-2060 Dec 01 j 10:54	0°♏	
morning max el	-2060 Dec 02 j 00:58	0°♏34'57	23°59'15
desc. node	-2060 Dec 16 j 14:56	18°♏47'30	
	-2060 Dec 24 j 06:09	0°♐	
morning set	-2059 Jan 06 j 14:26	21°♐34'24	
max. Earth dist.	-2059 Jan 10 j 12:48	28°♐26'56	1.38430 AU
	-2059 Jan 11 j 09:37	0°♑	
superior conj	-2059 Jan 17 j 17:49	11°♑43'20	-1°-51'-8
minimum elong	-2059 Jan 17 j 20:32	11°♑56'14	1°51'02
evening rise	-2059 Jan 26 j 16:33	29°♑07'57	
	-2059 Jan 27 j 03:11	0°♒	
asc. node	-2059 Feb 01 j 11:45	10°♒11'58	
evening max el	-2059 Feb 12 j 04:14	25°♒42'30	18°53'27
retrograde	-2059 Feb 20 j 11:33	29°♒42'46	
evening set	-2059 Feb 22 j 19:45	29°♒24'56	
inferior conj	-2059 Mar 02 j 17:23	25°♒06'25	2°56'36
minimum elong	-2059 Mar 02 j 21:57	24°♒58'10	2°55'32
min. Earth dist.	-2059 Mar 05 j 22:55	22°♒47'30	0.57380 AU
morning rise	-2059 Mar 10 j 20:09	19°♒59'23	
desc. node	-2059 Mar 14 j 14:03	18°♒55'33	
direct	-2059 Mar 16 j 06:10	18°♒48'45	
morning max el	-2059 Mar 30 j 13:12	26°♒14'32	25°52'12
	-2059 Apr 03 j 02:38	0°♓	
	-2059 Apr 22 j 09:52	0°♈	
morning set	-2059 Apr 27 j 09:00	10°♈02'45	
asc. node	-2059 Apr 30 j 11:06	16°♈38'03	
superior conj	-2059 May 04 j 10:00	25°♈15'27	0°40'34
minimum elong	-2059 May 04 j 08:18	25°♈06'13	0°40'14
max. Earth dist.	-2059 May 05 j 02:19	26°♈44'39	1.32675 AU
	-2059 May 06 j 14:12	0°♉	
evening rise	-2059 May 11 j 12:38	10°♉29'24	
	-2059 May 21 j 17:32	0°♊	
desc. node	-2059 Jun 10 j 13:11	27°♊38'15	
evening max el	-2059 Jun 11 j 14:36	28°♊40'29	27°04'31
	-2059 Jun 13 j 01:16	0°♋	
retrograde	-2059 Jun 25 j 13:07	6°♋00'09	
evening set	-2059 Jul 02 j 12:36	3°♋47'31	
min. Earth dist.	-2059 Jul 06 j 04:22	1°♋03'51	0.61315 AU
	-2059 Jul 07 j 09:54	30°℞♊	
inferior conj	-2059 Jul 09 j 09:11	28°♊14'53	-4°-21'-44
minimum elong	-2059 Jul 09 j 11:57	28°♊08'45	4°21'24
morning rise	-2059 Jul 16 j 14:13	23°♊21'43	
direct	-2059 Jul 19 j 01:33	22°♊56'32	
morning max el	-2059 Jul 26 j 01:34	26°♊24'54	18°00'57
asc. node	-2059 Jul 27 j 10:20	27°♊50'57	
	-2059 Jul 29 j 04:32	0°♋	
morning set	-2059 Aug 11 j 00:17	21°♋32'05	
	-2059 Aug 15 j 15:05	0°♌	
superior conj	-2059 Aug 21 j 08:37	10°♌15'01	1°32'09
minimum elong	-2059 Aug 21 j 12:51	10°♌33'35	1°31'49
max. Earth dist.	-2059 Aug 28 j 20:56	23°♌04'17	1.42091 AU
	-2059 Sep 02 j 02:39	0°♍	
evening rise	-2059 Sep 04 j 03:53	3°♍16'58	
desc. node	-2059 Sep 06 j 12:32	7°♍00'27	
	-2059 Sep 21 j 21:36	0°♎	
greatest brilliancy	-2059 Oct 01 j 22:57	13°♎26'48	-0.3m
evening max el	-2059 Oct 06 j 16:42	18°♎47'47	22°12'04
retrograde	-2059 Oct 16 j 03:00	24°♎24'18	
evening set	-2059 Oct 20 j 13:14	22°♎38'58	
asc. node	-2059 Oct 23 j 09:30	19°♎42'05	
inferior conj	-2059 Oct 25 j 22:17	16°♎19'24	0°51'52
minimum elong	-2059 Oct 25 j 21:06	16°♎23'29	0°51'22
min. Earth dist.	-2059 Oct 25 j 22:50	16°♎17'29	0.67498 AU
morning rise	-2059 Oct 31 j 04:47	10°♎03'54	
direct	-2059 Nov 04 j 20:16	8°♎09'42	
morning max el	-2059 Nov 14 j 11:52	13°♎53'47	22°32'09
greatest brilliancy	-2059 Nov 19 j 03:58	19°♎08'37	-0.3m
	-2059 Nov 27 j 09:38	0°♏	
desc. node	-2059 Dec 03 j 11:57	8°♏45'44	
	-2059 Dec 17 j 05:35	0°♐	
morning set	-2059 Dec 18 j 03:11	1°♐27'44	
max. Earth dist.	-2059 Dec 23 j 09:05	10°♐11'12	1.40527 AU
superior conj	-2059 Dec 31 j 04:02	23°♐48'46	-1°-58'-21
minimum elong	-2059 Dec 31 j 04:22	23°♐50'17	1°58'24
	-2058 Jan 03 j 13:24	0°♑	
evening rise	-2058 Jan 10 j 04:29	12°♑25'14	
asc. node	-2058 Jan 19 j 08:47	28°♑58'55	
	-2058 Jan 19 j 23:58	0°♒	
evening max el	-2058 Jan 26 j 09:37	8°♒22'58	18°20'52
retrograde	-2058 Feb 02 j 15:59	11°♒58'50	
evening set	-2058 Feb 05 j 04:01	11°♒34'22	
inferior conj	-2058 Feb 12 j 09:17	6°♒55'05	3°42'10
minimum elong	-2058 Feb 12 j 11:53	6°♒49'37	3°41'51
min. Earth dist.	-2058 Feb 15 j 18:59	4°♒04'39	0.59335 AU
morning rise	-2058 Feb 19 j 16:17	1°♒23'34	
	-2058 Feb 22 j 23:28	30°℞♑	
direct	-2058 Feb 26 j 01:55	29°♑34'11	
desc. node	-2058 Mar 01 j 11:06	0°♒03'36	
	-2058 Mar 01 j 05:54	0°♒	
morning max el	-2058 Mar 12 j 08:42	7°♒14'21	27°02'37
	-2058 Mar 29 j 11:11	0°♓	
morning set	-2058 Apr 11 j 18:48	24°♓55'32	
	-2058 Apr 14 j 04:27	0°♈	
asc. node	-2058 Apr 17 j 08:08	6°♈49'43	
superior conj	-2058 Apr 18 j 21:44	10°♈15'34	0°16'28
minimum elong	-2058 Apr 18 j 21:01	10°♈11'34	0°16'19
max. Earth dist.	-2058 Apr 18 j 15:20	9°♈40'25	1.32457 AU
evening rise	-2058 Apr 25 j 21:21	25°♈21'23	
	-2058 Apr 28 j 03:18	0°♉	
	-2058 May 15 j 16:34	0°♊	
evening max el	-2058 May 24 j 14:22	10°♊24'05	26°11'50
desc. node	-2058 May 28 j 10:12	13°♊39'24	
retrograde	-2058 Jun 07 j 16:09	17°♊40'00	
evening set	-2058 Jun 13 j 22:19	16°♊03'11	
min. Earth dist.	-2058 Jun 18 j 03:19	13°♊23'37	0.59262 AU
inferior conj	-2058 Jun 21 j 11:55	10°♊49'25	-4°-31'-37
minimum elong	-2058 Jun 21 j 11:36	10°♊50'01	4°31'35
morning rise	-2058 Jun 29 j 04:32	6°♊18'34	
direct	-2058 Jul 01 j 15:55	5°♊57'21	
morning max el	-2058 Jul 09 j 10:41	9°♊40'36	18°26'24

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2058 Jul 14 j 07:23	15°♊32'34	
	-2058 Jul 22 j 18:40	0°♋	
morning set	-2058 Jul 25 j 12:34	5°♋13'18	
superior conj	-2058 Aug 03 j 16:33	22°♋36'56	1°45'32
minimum elong	-2058 Aug 03 j 18:22	22°♋45'19	1°45'29
	-2058 Aug 07 j 18:05	0°♌	
max. Earth dist.	-2058 Aug 11 j 01:41	5°♌49'53	1.40203 AU
evening rise	-2058 Aug 15 j 13:49	13°♌28'32	
desc. node	-2058 Aug 24 j 09:32	27°♌35'59	
	-2058 Aug 25 j 23:07	0°♍	
	-2058 Sep 17 j 02:39	0°♎	
evening max el	-2058 Sep 19 j 06:43	2°♎16'50	23°32'12
retrograde	-2058 Sep 29 j 19:48	8°♎30'35	
evening set	-2058 Oct 04 j 19:57	6°♎26'25	
inferior conj	-2058 Oct 10 j 05:03	0°♎04'12	0°-1'-15
minimum elong	-2058 Oct 10 j 05:05	0°♎04'07	0°01'16
transit middle	-2058 Oct 10 j 05:05	0°♎04'07	0°01'16
transit begin	-2058 Oct 10 j 02:23	0°♎13'22	
transit end	-2058 Oct 10 j 07:47	29°♍54'52	
min. Earth dist.	-2058 Oct 09 j 19:23	0°♎37'18	0.67497 AU
asc. node	-2058 Oct 10 j 06:32	29°♍59'10	
	-2058 Oct 10 j 06:17	30°℞♍	
morning rise	-2058 Oct 15 j 14:17	23°♍52'26	
direct	-2058 Oct 19 j 15:49	22°♍19'52	
morning max el	-2058 Oct 28 j 04:15	27°♍19'59	21°10'31
	-2058 Oct 30 j 14:59	0°♎	
greatest brilliancy	-2058 Nov 02 j 14:54	3°♎39'23	-0.5m
desc. node	-2058 Nov 20 j 08:58	29°♎02'58	
	-2058 Nov 20 j 23:58	0°♏	
morning set	-2058 Nov 27 j 12:33	10°♏04'58	
max. Earth dist.	-2058 Dec 05 j 11:52	22°♏50'35	1.42453 AU
	-2058 Dec 09 j 19:36	0°♐	
superior conj	-2058 Dec 12 j 15:43	4°♐48'14	-1°-52'-50
minimum elong	-2058 Dec 12 j 12:03	4°♐32'35	1°52'42
evening rise	-2058 Dec 24 j 02:58	25°♐01'17	
	-2058 Dec 26 j 21:20	0°♑	
asc. node	-2057 Jan 06 j 05:47	17°♑07'21	
evening max el	-2057 Jan 09 j 20:02	21°♑24'57	18°08'04
retrograde	-2057 Jan 16 j 12:28	24°♑51'25	
evening set	-2057 Jan 19 j 04:08	24°♑19'02	
inferior conj	-2057 Jan 25 j 19:59	19°♑17'51	3°57'00
minimum elong	-2057 Jan 25 j 20:03	19°♑17'40	3°56'58
min. Earth dist.	-2057 Jan 28 j 21:42	16°♑20'39	0.61393 AU
morning rise	-2057 Feb 01 j 09:30	13°♑29'54	
direct	-2057 Feb 08 j 08:04	11°♑06'21	
desc. node	-2057 Feb 16 j 08:10	13°♑51'37	
morning max el	-2057 Feb 22 j 10:19	18°♑52'46	27°40'04
	-2057 Mar 03 j 20:44	0°♒	
	-2057 Mar 22 j 04:54	0°♓	
morning set	-2057 Mar 27 j 00:43	9°♓34'09	
max. Earth dist.	-2057 Apr 02 j 03:04	22°♓29'09	1.32597 AU
superior conj	-2057 Apr 03 j 08:39	25°♓10'05	0°-9'00
minimum elong	-2057 Apr 03 j 09:04	25°♓12'21	0°08'55
behind sun begin	-2057 Apr 03 j 04:50	24°♓49'18	
behind sun end	-2057 Apr 03 j 13:18	25°♓35'24	
asc. node	-2057 Apr 04 j 05:10	27°♓01'58	
	-2057 Apr 05 j 13:47	0°♈	
evening rise	-2057 Apr 10 j 08:29	10°♈17'46	
	-2057 Apr 20 j 12:57	0°♉	
evening max el	-2057 May 06 j 08:09	21°♉27'17	24°52'48
desc. node	-2057 May 15 j 07:14	27°♉34'41	
retrograde	-2057 May 20 j 08:16	28°♉33'17	
evening set	-2057 May 25 j 09:34	27°♉35'01	
min. Earth dist.	-2057 May 30 j 20:03	24°♉42'57	0.57324 AU
inferior conj	-2057 Jun 02 j 19:19	22°♉44'50	-4°-10'-23
minimum elong	-2057 Jun 02 j 14:55	22°♉52'11	4°09'45
morning rise	-2057 Jun 11 j 00:13	18°♉34'37	
direct	-2057 Jun 13 j 12:46	18°♉16'15	
morning max el	-2057 Jun 22 j 12:12	22°♉27'25	19°12'27
	-2057 Jun 28 j 15:53	0°♊	
asc. node	-2057 Jul 01 j 04:27	4°♊00'37	
morning set	-2057 Jul 09 j 10:30	19°♊24'40	
	-2057 Jul 14 j 18:18	0°♋	
superior conj	-2057 Jul 17 j 18:28	5°♋53'37	1°48'09
minimum elong	-2057 Jul 17 j 18:06	5°♋51'52	1°48'11
max. Earth dist.	-2057 Jul 24 j 04:13	17°♋57'38	1.38228 AU
evening rise	-2057 Jul 28 j 01:20	24°♋53'44	
	-2057 Jul 31 j 00:26	0°♌	
desc. node	-2057 Aug 11 j 06:32	17°♌59'44	
	-2057 Aug 19 j 15:03	0°♍	
evening max el	-2057 Sep 01 j 18:18	15°♍49'08	24°50'59
retrograde	-2057 Sep 13 j 08:34	22°♍33'57	
evening set	-2057 Sep 18 j 23:43	20°♍11'29	
min. Earth dist.	-2057 Sep 23 j 14:10	14°♍57'22	0.67186 AU
inferior conj	-2057 Sep 24 j 10:23	13°♍50'24	0°-55'-44
minimum elong	-2057 Sep 24 j 11:44	13°♍45'55	0°55'11
asc. node	-2057 Sep 27 j 03:35	10°♍25'02	
morning rise	-2057 Sep 30 j 00:07	7°♍45'30	
direct	-2057 Oct 03 j 13:32	6°♍32'23	
morning max el	-2057 Oct 11 j 04:04	10°♍55'33	19°59'58
greatest brilliancy	-2057 Oct 18 j 13:04	20°♍01'27	-0.6m
	-2057 Oct 25 j 10:29	0°♎	
morning set	-2057 Nov 06 j 09:45	18°♎14'46	
desc. node	-2057 Nov 07 j 06:00	19°♎33'10	
	-2057 Nov 13 j 22:29	0°♏	
max. Earth dist.	-2057 Nov 17 j 22:42	6°♏21'28	1.43928 AU
superior conj	-2057 Nov 23 j 00:29	14°♏32'08	-1°-30'-43
minimum elong	-2057 Nov 22 j 17:11	14°♏02'26	1°30'06
	-2057 Dec 02 j 07:57	0°♐	
evening rise	-2057 Dec 06 j 07:41	6°♐47'54	
	-2057 Dec 20 j 12:01	0°♑	
asc. node	-2057 Dec 24 j 02:48	4°♑26'06	
evening max el	-2057 Dec 24 j 08:33	4°♑40'51	18°14'33
retrograde	-2057 Dec 30 j 20:51	8°♑10'49	
evening set	-2056 Jan 02 j 16:21	7°♑29'36	
inferior conj	-2056 Jan 08 j 21:46	2°♑07'37	3°49'23
minimum elong	-2056 Jan 08 j 19:58	2°♑12'32	3°49'08
	-2056 Jan 10 j 20:33	30°℞♐	
min. Earth dist.	-2056 Jan 11 j 09:37	29°♐25'12	0.63277 AU
morning rise	-2056 Jan 14 j 21:55	26°♐08'22	
direct	-2056 Jan 21 j 22:23	23°♐23'43	
desc. node	-2056 Feb 03 j 05:15	29°♐45'19	
	-2056 Feb 03 j 11:36	0°♑	
morning max el	-2056 Feb 04 j 17:12	1°♑11'12	27°40'55
	-2056 Feb 25 j 23:27	0°♒	
morning set	-2056 Mar 10 j 00:28	23°♒51'03	
	-2056 Mar 13 j 00:53	0°♓	
max. Earth dist.	-2056 Mar 15 j 09:42	4°♓57'51	1.33121 AU
superior conj	-2056 Mar 17 j 17:03	9°♓53'20	0°-34'-55
minimum elong	-2056 Mar 17 j 18:40	10°♓02'00	0°34'36
asc. node	-2056 Mar 21 j 02:12	17°♓10'58	
evening rise	-2056 Mar 24 j 20:15	25°♓12'05	
	-2056 Mar 27 j 03:45	0°♈	
	-2056 Apr 14 j 21:44	0°♉	
evening max el	-2056 Apr 16 j 23:27	2°♉07'23	23°19'32
retrograde	-2056 Apr 30 j 11:42	8°♉50'22	
desc. node	-2056 May 01 j 04:17	8°♉49'18	
evening set	-2056 May 04 j 03:50	8°♉20'50	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

min. Earth dist.	-2056 May 11 j 09:47	5°♉03'26	0.55836 AU
inferior conj	-2056 May 13 j 06:52	3°♉57'00	-3°-7'-53
minimum elong	-2056 May 13 j 00:16	4°♉06'45	3°06'08
morning rise	-2056 May 22 j 00:00	0°♉00'29	
	-2056 May 22 j 00:55	30°℞♈	
direct	-2056 May 24 j 14:50	29°♈43'43	
	-2056 May 27 j 03:10	0°♉	
morning max el	-2056 Jun 04 j 03:46	4°♉36'50	20°19'08
asc. node	-2056 Jun 17 j 01:32	23°♉04'05	
	-2056 Jun 20 j 15:48	0°♊	
morning set	-2056 Jun 22 j 15:08	3°♊58'18	
superior conj	-2056 Jun 30 j 09:21	19°♊50'58	1°42'27
minimum elong	-2056 Jun 30 j 07:32	19°♊41'52	1°42'25
max. Earth dist.	-2056 Jul 05 j 09:53	29°♊46'38	1.36396 AU
	-2056 Jul 05 j 12:40	0°♋	
evening rise	-2056 Jul 09 j 11:16	7°♋25'16	
	-2056 Jul 22 j 18:33	0°♌	
desc. node	-2056 Jul 28 j 03:32	8°♌05'55	
evening max el	-2056 Aug 14 j 05:25	29°♌23'07	26°00'42
	-2056 Aug 14 j 20:47	0°♍	
retrograde	-2056 Aug 26 j 16:41	6°♍29'50	
evening set	-2056 Sep 01 j 22:39	3°♍52'15	
	-2056 Sep 05 j 14:20	30°℞♌	
min. Earth dist.	-2056 Sep 06 j 04:45	29°♌15'34	0.66542 AU
inferior conj	-2056 Sep 07 j 12:28	27°♌35'54	-1°-49'-53
minimum elong	-2056 Sep 07 j 15:07	27°♌27'33	1°48'51
morning rise	-2056 Sep 13 j 08:23	21°♌41'02	
asc. node	-2056 Sep 13 j 00:41	21°♌53'10	
direct	-2056 Sep 16 j 11:50	20°♌44'12	
morning max el	-2056 Sep 23 j 11:02	24°♌39'45	19°03'39
	-2056 Sep 27 j 22:24	0°♍	
morning set	-2056 Oct 15 j 18:55	27°♍06'11	
	-2056 Oct 17 j 15:09	0°♎	
desc. node	-2056 Oct 24 j 03:00	10°♎11'53	
max. Earth dist.	-2056 Oct 30 j 15:02	20°♎25'24	1.44768 AU
superior conj	-2056 Nov 01 j 08:49	23°♎10'19	0°-51'-29
minimum elong	-2056 Nov 01 j 02:31	22°♎45'24	0°50'45
	-2056 Nov 05 j 16:08	0°♏	
evening rise	-2056 Nov 16 j 14:14	17°♏36'31	
	-2056 Nov 24 j 04:35	0°♐	
evening max el	-2056 Dec 06 j 20:26	18°♐03'44	18°39'24
asc. node	-2056 Dec 09 j 23:52	20°♐40'40	
retrograde	-2056 Dec 13 j 12:48	21°♐47'59	
evening set	-2056 Dec 16 j 13:15	20°♐56'35	
inferior conj	-2056 Dec 22 j 10:49	15°♐16'18	3°26'00
minimum elong	-2056 Dec 22 j 08:02	15°♐24'38	3°25'23
min. Earth dist.	-2056 Dec 24 j 07:32	13°♐02'34	0.64842 AU
morning rise	-2056 Dec 28 j 01:41	9°♐08'59	
direct	-2055 Jan 03 j 19:36	6°♐18'08	
morning max el	-2055 Jan 17 j 02:45	13°♐59'41	27°07'39
desc. node	-2055 Jan 20 j 02:19	17°♐09'11	
	-2055 Jan 30 j 03:57	0°♑	
	-2055 Feb 17 j 14:26	0°♒	
morning set	-2055 Feb 21 j 14:56	7°♒35'34	
max. Earth dist.	-2055 Feb 26 j 07:16	16°♒54'14	1.34063 AU
superior conj	-2055 Mar 01 j 20:54	24°♒17'51	-1°00'-15
minimum elong	-2055 Mar 01 j 23:36	24°♒32'00	0°59'48
	-2055 Mar 04 j 13:42	0°♓	
asc. node	-2055 Mar 07 j 23:14	7°♓11'45	
evening rise	-2055 Mar 09 j 06:45	9°♓56'55	
	-2055 Mar 19 j 21:15	0°♈	
evening max el	-2055 Mar 29 j 18:48	12°♈52'19	21°46'35
retrograde	-2055 Apr 11 j 04:25	18°♈53'58	
evening set	-2055 Apr 13 j 19:27	18°♈38'29	

desc. node	-2055 Apr 18 j 01:22	17°♈15'18	
inferior conj	-2055 Apr 23 j 04:11	14°♈35'03	-1°-25'-42
minimum elong	-2055 Apr 23 j 00:15	14°♈40'36	1°24'21
min. Earth dist.	-2055 Apr 22 j 23:09	14°♈42'08	0.55111 AU
morning rise	-2055 May 02 j 06:01	10°♈36'54	
direct	-2055 May 05 j 03:30	10°♈18'23	
morning max el	-2055 May 17 j 08:27	16°♈04'02	21°44'24
	-2055 May 28 j 01:45	0°♉	
asc. node	-2055 Jun 03 j 22:36	12°♉33'30	
morning set	-2055 Jun 07 j 00:08	18°♉47'00	
	-2055 Jun 12 j 08:17	0°♊	
superior conj	-2055 Jun 14 j 09:14	4°♊16'54	1°30'30
minimum elong	-2055 Jun 14 j 06:45	4°♊03'53	1°30'17
max. Earth dist.	-2055 Jun 17 j 23:35	11°♊41'35	1.34869 AU
evening rise	-2055 Jun 22 j 14:28	20°♊49'13	
	-2055 Jun 27 j 12:54	0°♋	
desc. node	-2055 Jul 15 j 00:34	27°♋46'46	
	-2055 Jul 16 j 15:51	0°♌	
evening max el	-2055 Jul 27 j 16:56	12°♌53'04	26°53'34
retrograde	-2055 Aug 09 j 19:55	20°♌11'48	
evening set	-2055 Aug 16 j 14:29	17°♌25'58	
min. Earth dist.	-2055 Aug 20 j 12:53	13°♌27'34	0.65535 AU
inferior conj	-2055 Aug 22 j 09:19	11°♌17'46	-2°-41'-43
minimum elong	-2055 Aug 22 j 13:03	11°♌06'52	2°40'26
morning rise	-2055 Aug 28 j 12:53	5°♌36'06	
asc. node	-2055 Aug 30 j 21:47	4°♌53'07	
direct	-2055 Aug 31 j 08:44	4°♌51'58	
morning max el	-2055 Sep 06 j 23:19	8°♌29'08	18°23'23
	-2055 Sep 21 j 19:30	0°♍	
morning set	-2055 Sep 26 j 06:37	7°♍17'08	
	-2055 Oct 10 j 09:49	0°♎	
desc. node	-2055 Oct 10 j 23:59	0°♎56'03	
superior conj	-2055 Oct 11 j 08:56	1°♎31'24	0°-2'-25
minimum elong	-2055 Oct 11 j 08:38	1°♎30'11	0°02'23
behind sun begin	-2055 Oct 10 j 21:30	0°♎46'12	
behind sun end	-2055 Oct 11 j 19:45	2°♎14'08	
max. Earth dist.	-2055 Oct 13 j 09:25	4°♎42'35	1.44885 AU
evening rise	-2055 Oct 27 j 20:31	27°♎24'31	
	-2055 Oct 29 j 12:09	0°♏	
greatest brilliancy	-2055 Nov 10 j 17:21	18°♏56'05	-0.7m
	-2055 Nov 18 j 20:22	0°♐	
evening max el	-2055 Nov 20 j 05:22	1°♐30'13	19°21'21
asc. node	-2055 Nov 26 j 20:56	5°♐36'07	
retrograde	-2055 Nov 27 j 08:51	5°♐37'31	
evening set	-2055 Nov 30 j 16:00	4°♐34'03	
	-2055 Dec 05 j 06:15	30°℞♏	
inferior conj	-2055 Dec 06 j 07:52	28°♏38'33	2°51'32
minimum elong	-2055 Dec 06 j 04:54	28°♏48'06	2°50'39
min. Earth dist.	-2055 Dec 07 j 14:26	27°♏00'24	0.66042 AU
morning rise	-2055 Dec 11 j 16:59	22°♏25'45	
direct	-2055 Dec 17 j 23:10	19°♏41'38	
morning max el	-2055 Dec 30 j 12:21	27°♏05'35	26°07'04
	-2054 Jan 02 j 06:09	0°♐	
desc. node	-2054 Jan 06 j 23:22	5°♐36'56	
	-2054 Jan 23 j 19:17	0°♑	
morning set	-2054 Feb 04 j 16:06	20°♑35'26	
max. Earth dist.	-2054 Feb 08 j 16:57	28°♑15'22	1.35454 AU
	-2054 Feb 09 j 14:24	0°♒	
superior conj	-2054 Feb 13 j 17:50	8°♒16'41	-1°-23'-32
minimum elong	-2054 Feb 13 j 21:14	8°♒33'57	1°23'08
evening rise	-2054 Feb 21 j 14:06	24°♒26'12	
asc. node	-2054 Feb 22 j 20:16	26°♒59'51	
	-2054 Feb 24 j 08:12	0°♓	
evening max el	-2054 Mar 11 j 23:44	24°♓06'31	20°25'12

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

retrograde	-2054 Mar 22 j 18:22	29°♓15'20	
evening set	-2054 Mar 24 j 23:40	29°♓03'09	
inferior conj	-2054 Apr 03 j 00:06	25°♓05'17	0°32'29
minimum elong	-2054 Apr 03 j 01:34	25°♓03'09	0°31'57
min. Earth dist.	-2054 Apr 04 j 13:16	24°♓10'51	0.55329 AU
desc. node	-2054 Apr 04 j 22:27	23°♓57'33	
morning rise	-2054 Apr 12 j 01:19	20°♓46'35	
direct	-2054 Apr 15 j 16:09	20°♓18'03	
morning max el	-2054 Apr 29 j 03:53	26°♓54'30	23°21'59
	-2054 May 02 j 03:32	0°♈	
	-2054 May 20 j 16:07	0°♉	
asc. node	-2054 May 21 j 19:38	2°♉21'51	
morning set	-2054 May 22 j 11:31	3°♉44'39	
superior conj	-2054 May 29 j 15:09	19°♉01'49	1°13'48
minimum elong	-2054 May 29 j 12:37	18°♉48'10	1°13'26
max. Earth dist.	-2054 May 31 j 23:01	23°♉58'43	1.33723 AU
	-2054 Jun 03 j 20:27	0°♊	
evening rise	-2054 Jun 06 j 06:13	4°♊51'52	
	-2054 Jun 20 j 05:32	0°♋	
desc. node	-2054 Jul 01 j 21:38	16°♋50'56	
evening max el	-2054 Jul 10 j 04:04	26°♋08'26	27°22'09
	-2054 Jul 14 j 17:57	0°♌	
retrograde	-2054 Jul 23 j 17:32	3°♌30'36	
evening set	-2054 Jul 30 j 20:14	0°♌47'12	
	-2054 Jul 31 j 19:32	30°℞♋	
min. Earth dist.	-2054 Aug 03 j 12:32	27°♋24'37	0.64156 AU
inferior conj	-2054 Aug 05 j 22:28	24°♋50'30	-3°-28'-34
minimum elong	-2054 Aug 06 j 02:43	24°♋39'09	3°27'24
morning rise	-2054 Aug 12 j 11:01	19°♋25'06	
direct	-2054 Aug 15 j 01:43	18°♋50'20	
asc. node	-2054 Aug 17 j 18:51	19°♋27'58	
morning max el	-2054 Aug 21 j 14:16	22°♋17'26	18°00'14
	-2054 Aug 27 j 13:50	0°♌	
morning set	-2054 Sep 07 j 21:27	18°♌46'05	
	-2054 Sep 14 j 12:35	0°♍	
superior conj	-2054 Sep 20 j 22:56	10°♍36'29	0°43'58
minimum elong	-2054 Sep 21 j 03:32	10°♍55'11	0°43'23
max. Earth dist.	-2054 Sep 26 j 02:36	18°♍53'48	1.44282 AU
desc. node	-2054 Sep 27 j 21:00	21°♍42'03	
	-2054 Oct 03 j 03:55	0°♎	
evening rise	-2054 Oct 07 j 07:07	6°♎24'22	
	-2054 Oct 22 j 21:58	0°♏	
greatest brilliancy	-2054 Oct 27 j 20:41	6°♏59'20	-0.6m
evening max el	-2054 Nov 03 j 09:26	14°♏57'23	20°18'30
retrograde	-2054 Nov 11 j 06:14	19°♏35'05	
asc. node	-2054 Nov 13 j 18:00	18°♏59'22	
evening set	-2054 Nov 14 j 22:15	18°♏17'08	
inferior conj	-2054 Nov 20 j 10:14	12°♏09'41	2°09'12
minimum elong	-2054 Nov 20 j 07:39	12°♏18'23	2°08'16
min. Earth dist.	-2054 Nov 21 j 04:09	11°♏09'23	0.66878 AU
morning rise	-2054 Nov 25 j 16:29	5°♏53'58	
direct	-2054 Dec 01 j 08:08	3°♏25'46	
morning max el	-2054 Dec 12 j 20:49	10°♏17'48	24°48'28
desc. node	-2054 Dec 24 j 20:23	24°♏49'25	
	-2054 Dec 28 j 13:12	0°♐	
	-2053 Jan 16 j 11:16	0°♑	
morning set	-2053 Jan 17 j 22:31	2°♑34'44	
max. Earth dist.	-2053 Jan 21 j 15:56	9°♑17'46	1.37260 AU
superior conj	-2053 Jan 28 j 04:43	21°♑40'51	-1°-42'-52
minimum elong	-2053 Jan 28 j 08:02	21°♑57'03	1°42'37
	-2053 Feb 01 j 09:38	0°♒	
evening rise	-2053 Feb 05 j 16:05	8°♒33'18	
asc. node	-2053 Feb 09 j 17:19	16°♒29'50	
	-2053 Feb 17 j 16:00	0°♓	
evening max el	-2053 Feb 22 j 15:38	5°♓58'09	19°21'21
retrograde	-2053 Mar 03 j 18:04	10°♓18'59	
evening set	-2053 Mar 06 j 00:21	10°♓04'05	
inferior conj	-2053 Mar 14 j 08:18	5°♓56'07	2°13'49
minimum elong	-2053 Mar 14 j 12:52	5°♓48'33	2°12'29
min. Earth dist.	-2053 Mar 17 j 04:16	4°♓04'27	0.56437 AU
morning rise	-2053 Mar 22 j 21:33	1°♓06'51	
desc. node	-2053 Mar 22 j 19:30	1°♓08'41	
direct	-2053 Mar 27 j 15:32	0°♓15'09	
morning max el	-2053 Apr 10 j 18:45	7°♓27'25	25°00'44
	-2053 Apr 27 j 07:02	0°♈	
morning set	-2053 May 06 j 23:39	18°♈45'56	
asc. node	-2053 May 08 j 16:40	22°♈23'36	
	-2053 May 12 j 05:03	0°♉	
superior conj	-2053 May 14 j 00:49	3°♉58'24	0°53'31
minimum elong	-2053 May 13 j 22:43	3°♉46'54	0°53'08
max. Earth dist.	-2053 May 15 j 06:35	6°♉39'55	1.32955 AU
evening rise	-2053 May 21 j 06:48	19°♉21'55	
	-2053 May 26 j 16:33	0°♊	
	-2053 Jun 14 j 13:47	0°♋	
desc. node	-2053 Jun 18 j 18:40	5°♋03'05	
evening max el	-2053 Jun 22 j 12:50	8°♋57'15	27°20'31
retrograde	-2053 Jul 06 j 08:44	16°♋17'40	
evening set	-2053 Jul 13 j 12:14	13°♋50'08	
min. Earth dist.	-2053 Jul 17 j 02:15	10°♋55'48	0.62433 AU
inferior conj	-2053 Jul 20 j 01:00	8°♋07'59	-4°-6'-22
minimum elong	-2053 Jul 20 j 04:45	7°♋59'04	4°05'42
morning rise	-2053 Jul 26 j 23:42	3°♋02'00	
direct	-2053 Jul 29 j 11:43	2°♋33'48	
asc. node	-2053 Aug 04 j 15:54	5°♋27'36	
morning max el	-2053 Aug 05 j 05:12	5°♋59'05	17°55'12
	-2053 Aug 20 j 16:44	0°♌	
morning set	-2053 Aug 21 j 10:14	1°♌18'23	
superior conj	-2053 Sep 01 j 15:22	21°♌00'21	1°18'34
minimum elong	-2053 Sep 01 j 20:35	21°♌22'33	1°18'03
	-2053 Sep 07 j 00:19	0°♍	
max. Earth dist.	-2053 Sep 08 j 16:21	2°♍43'51	1.43042 AU
desc. node	-2053 Sep 14 j 18:01	12°♍26'56	
evening rise	-2053 Sep 16 j 13:16	15°♍16'27	
	-2053 Sep 26 j 04:52	0°♎	
greatest brilliancy	-2053 Oct 12 j 06:22	22°♎35'18	-0.4m
evening max el	-2053 Oct 17 j 07:40	28°♎24'52	21°28'01
	-2053 Oct 18 j 23:10	0°♏	
retrograde	-2053 Oct 26 j 02:59	3°♏38'29	
evening set	-2053 Oct 30 j 06:03	2°♏03'38	
asc. node	-2053 Oct 31 j 15:03	0°♏49'40	
	-2053 Nov 01 j 09:33	30°℞♎	
inferior conj	-2053 Nov 04 j 15:45	25°♎47'36	1°21'18
minimum elong	-2053 Nov 04 j 13:58	25°♎53'45	1°20'34
min. Earth dist.	-2053 Nov 04 j 22:22	25°♎24'48	0.67370 AU
morning rise	-2053 Nov 09 j 21:34	19°♎31'28	
direct	-2053 Nov 14 j 21:49	17°♎24'20	
morning max el	-2053 Nov 25 j 05:52	23°♎33'49	23°21'54
greatest brilliancy	-2053 Nov 30 j 16:40	29°♎42'52	-0.2m
	-2053 Nov 30 j 22:15	0°♏	
desc. node	-2053 Dec 11 j 17:24	14°♏34'02	
	-2053 Dec 21 j 23:25	0°♐	
morning set	-2053 Dec 30 j 03:54	13°♐17'09	
max. Earth dist.	-2052 Jan 03 j 11:18	20°♐39'18	1.39330 AU
	-2052 Jan 08 j 17:06	0°♑	
superior conj	-2052 Jan 11 j 01:27	4°♑19'23	-1°-55'-29
minimum elong	-2052 Jan 11 j 03:22	4°♑28'21	1°55'29
evening rise	-2052 Jan 20 j 10:05	22°♑11'25	
	-2052 Jan 24 j 12:25	0°♒	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2052 Jan	27 j 14:20	5°♒34'58				-2051 Jan	17 j 20:31	0°♒	
evening max el	-2052 Feb	05 j 16:51	18°♒23'09	18°37'07		evening max el	-2051 Jan	19 j 00:44	1°♒14'13	18°12'56
retrograde	-2052 Feb	13 j 11:54	22°♒10'51			retrograde	-2051 Jan	25 j 23:57	4°♒44'40	
evening set	-2052 Feb	15 j 21:57	21°♒50'14			evening set	-2051 Jan	28 j 13:30	4°♒16'56	
inferior conj	-2052 Feb	23 j 12:15	17°♒23'01	3°20'13			-2051 Feb	03 j 22:16	30°℞♑	
minimum elong	-2052 Feb	23 j 16:11	17°♒15'27	3°19'29		inferior conj	-2051 Feb	04 j 12:39	29°♑27'59	3°51'44
min. Earth dist.	-2052 Feb	26 j 21:23	14°♒48'05	0.58181 AU		minimum elong	-2051 Feb	04 j 14:09	29°♑24'37	3°51'36
morning rise	-2052 Mar	02 j 06:38	12°♒04'54			min. Earth dist.	-2051 Feb	07 j 19:51	26°♑31'56	0.60215 AU
direct	-2052 Mar	08 j 03:55	10°♒38'09			morning rise	-2051 Feb	11 j 11:45	23°♑48'30	
desc. node	-2052 Mar	08 j 16:33	10°♒38'51			direct	-2051 Feb	18 j 04:06	21°♑43'49	
morning max el	-2052 Mar	22 j 11:14	18°♒10'25	26°25'43		desc. node	-2051 Feb	23 j 13:36	22°♑58'56	
	-2052 Apr	01 j 08:08	0°♓			morning max el	-2051 Mar	04 j 09:33	29°♑27'02	27°23'01
	-2052 Apr	18 j 15:32	0°♈				-2051 Mar	04 j 22:51	0°♒	
morning set	-2052 Apr	20 j 10:48	3°♈43'49				-2051 Mar	26 j 04:18	0°♓	
asc. node	-2052 Apr	24 j 13:42	12°♈32'58			morning set	-2051 Apr	04 j 19:14	18°♓31'57	
							-2051 Apr	10 j 04:24	0°♈	
superior conj	-2052 Apr	27 j 12:17	18°♈58'54	0°30'34		asc. node	-2051 Apr	11 j 10:44	2°♈45'35	
minimum elong	-2052 Apr	27 j 10:58	18°♈51'42	0°30'18						
max. Earth dist.	-2052 Apr	27 j 18:52	19°♈35'01	1.32543 AU		superior conj	-2051 Apr	11 j 23:53	3°♈57'28	0°05'47
	-2052 May	02 j 14:07	0°♉			minimum elong	-2051 Apr	11 j 23:37	3°♈56'02	0°05'45
evening rise	-2052 May	04 j 13:14	4°♉08'22			behind sun begin	-2051 Apr	11 j 18:55	3°♈30'17	
	-2052 May	18 j 11:27	0°♊			behind sun end	-2051 Apr	12 j 04:19	4°♈21'48	
evening max el	-2052 Jun	03 j 16:24	21°♊06'17	26°45'53		max. Earth dist.	-2051 Apr	11 j 07:59	2°♈30'31	1.32477 AU
desc. node	-2052 Jun	04 j 15:42	22°♊00'23			evening rise	-2051 Apr	18 j 23:14	19°♈03'13	
retrograde	-2052 Jun	17 j 16:15	28°♊23'45				-2051 Apr	24 j 09:09	0°♉	
evening set	-2052 Jun	24 j 10:06	26°♊25'21				-2051 May	14 j 02:12	0°♊	
min. Earth dist.	-2052 Jun	28 j 05:51	23°♊45'43	0.60453 AU		evening max el	-2051 May	16 j 13:13	2°♊30'41	25°40'40
inferior conj	-2052 Jul	01 j 13:27	21°♊00'41	-4°-28'-58		desc. node	-2051 May	22 j 12:43	7°♊12'34	
minimum elong	-2052 Jul	01 j 15:07	20°♊57'11	4°28'51		retrograde	-2051 May	30 j 14:48	9°♊43'39	
morning rise	-2052 Jul	08 j 23:17	16°♊16'45			evening set	-2051 Jun	05 j 10:10	8°♊23'17	
direct	-2052 Jul	11 j 10:37	15°♊53'15			min. Earth dist.	-2051 Jun	10 j 01:26	5°♊40'31	0.58410 AU
morning max el	-2052 Jul	18 j 17:13	19°♊26'15	18°09'19		inferior conj	-2051 Jun	13 j 08:11	3°♊19'02	-4°-27'-6
asc. node	-2052 Jul	21 j 12:57	22°♊36'02			minimum elong	-2051 Jun	13 j 06:09	3°♊22'45	4°26'57
	-2052 Jul	26 j 12:31	0°♋				-2051 Jun	18 j 13:04	30°℞♉	
morning set	-2052 Aug	03 j 15:14	14°♋37'44			morning rise	-2051 Jun	21 j 06:01	28°♉57'48	
	-2052 Aug	11 j 22:09	0°♌			direct	-2051 Jun	23 j 17:55	28°♉37'53	
							-2051 Jun	28 j 15:28	0°♊	
superior conj	-2052 Aug	13 j 10:18	2°♌43'01	1°39'18		morning max el	-2051 Jul	01 j 23:27	2°♊30'47	18°43'30
minimum elong	-2052 Aug	13 j 13:32	2°♌57'33	1°39'07		asc. node	-2051 Jul	08 j 10:00	10°♊38'46	
max. Earth dist.	-2052 Aug	21 j 00:43	15°♌56'48	1.41319 AU		morning set	-2051 Jul	18 j 07:59	28°♊32'31	
evening rise	-2052 Aug	26 j 09:30	24°♌48'47				-2051 Jul	19 j 01:56	0°♋	
	-2052 Aug	29 j 15:21	0°♍							
desc. node	-2052 Aug	31 j 15:02	3°♍07'00			superior conj	-2051 Jul	27 j 02:33	15°♋30'10	1°47'48
	-2052 Sep	19 j 02:30	0°♎			minimum elong	-2051 Jul	27 j 03:22	15°♋34'01	1°47'50
greatest brilliancy	-2052 Sep	24 j 02:13	6°♎22'15	-0.3m		max. Earth dist.	-2051 Aug	03 j 03:53	28°♋24'29	1.39355 AU
evening max el	-2052 Sep	29 j 00:10	11°♎52'36	22°45'51			-2051 Aug	04 j 01:35	0°♌	
retrograde	-2052 Oct	08 j 21:34	17°♎44'54			evening rise	-2051 Aug	07 j 06:16	5°♌30'54	
evening set	-2052 Oct	13 j 13:40	15°♎51'24			desc. node	-2051 Aug	18 j 12:02	23°♌38'04	
asc. node	-2052 Oct	17 j 12:04	11°♎28'04				-2051 Aug	22 j 17:56	0°♍	
inferior conj	-2052 Oct	18 j 22:33	9°♎30'21	0°29'37		evening max el	-2051 Sep	11 j 12:37	25°♍22'00	24°06'20
minimum elong	-2052 Oct	18 j 21:52	9°♎32'43	0°29'18			-2051 Sep	17 j 02:43	0°♎	
min. Earth dist.	-2052 Oct	18 j 18:41	9°♎43'41	0.67537 AU		retrograde	-2051 Sep	22 j 12:50	1°♎50'32	
morning rise	-2052 Oct	24 j 06:01	3°♎16'22				-2051 Sep	27 j 08:38	30°℞♍	
direct	-2052 Oct	28 j 15:23	1°♎31'38			evening set	-2051 Sep	27 j 19:21	29°♍38'05	
morning max el	-2052 Nov	06 j 18:51	6°♎56'00	21°56'29		min. Earth dist.	-2051 Oct	02 j 14:44	24°♍03'40	0.67397 AU
greatest brilliancy	-2052 Nov	11 j 14:14	12°♎23'09	-0.4m		inferior conj	-2051 Oct	03 j 04:54	23°♍15'42	0°-24'-18
	-2052 Nov	24 j 10:18	0°♏			minimum elong	-2051 Oct	03 j 05:29	23°♍13'44	0°24'05
desc. node	-2052 Nov	27 j 14:25	4°♏41'36			asc. node	-2051 Oct	04 j 09:09	21°♍41'09	
morning set	-2052 Dec	09 j 04:21	22°♏36'04			morning rise	-2051 Oct	08 j 15:51	17°♍06'38	
	-2052 Dec	13 j 17:42	0°♐			direct	-2051 Oct	12 j 11:53	15°♍42'56	
max. Earth dist.	-2052 Dec	15 j 10:37	2°♐49'38	1.41386 AU		morning max el	-2051 Oct	20 j 14:25	20°♍26'31	20°39'01
						greatest brilliancy	-2051 Oct	26 j 17:20	27°♍42'44	-0.5m
superior conj	-2052 Dec	23 j 02:51	15°♐59'12	-1°-57'-49			-2051 Oct	28 j 10:19	0°♎	
minimum elong	-2052 Dec	23 j 01:38	15°♐53'52	1°57'51		desc. node	-2051 Nov	14 j 11:26	25°♎04'51	
	-2052 Dec	30 j 21:05	0°♑				-2051 Nov	17 j 15:59	0°♏	
evening rise	-2051 Jan	02 j 16:53	5°♑13'17			morning set	-2051 Nov	18 j 05:48	0°♏53'35	
asc. node	-2051 Jan	13 j 11:22	24°♑07'23			max. Earth dist.	-2051 Nov	27 j 16:52	15°♏52'13	1.43140 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2051 Dec 04 j 03:20	26°♏26'35	-1°-45'-39
minimum elong	-2051 Dec 03 j 21:51	26°♏03'41	1°45'20
	-2051 Dec 06 j 06:07	0°♐	
evening rise	-2051 Dec 16 j 08:23	17°♐29'39	
	-2051 Dec 23 j 12:00	0°♑	
asc. node	-2051 Dec 31 j 08:24	11°♑56'30	
evening max el	-2050 Jan 02 j 12:21	14°♑22'49	18°08'29
retrograde	-2050 Jan 09 j 02:09	17°♑49'43	
evening set	-2050 Jan 11 j 19:13	17°♑13'52	
inferior conj	-2050 Jan 18 j 06:18	12°♑03'39	3°56'03
minimum elong	-2050 Jan 18 j 05:28	12°♑05'47	3°55'58
min. Earth dist.	-2050 Jan 21 j 02:33	9°♑10'17	0.62223 AU
morning rise	-2050 Jan 24 j 13:34	6°♑10'05	
direct	-2050 Jan 31 j 14:00	3°♑35'37	
desc. node	-2050 Feb 10 j 10:39	7°♑44'51	
morning max el	-2050 Feb 14 j 13:54	11°♑24'03	27°44'50
	-2050 Mar 01 j 06:35	0°♒	
	-2050 Mar 18 j 10:32	0°♓	
morning set	-2050 Mar 19 j 22:52	3°♓02'44	
max. Earth dist.	-2050 Mar 25 j 18:00	15°♓12'06	1.32770 AU
superior conj	-2050 Mar 27 j 09:58	18°♓48'03	0°-20'00
minimum elong	-2050 Mar 27 j 10:53	18°♓53'03	0°19'48
asc. node	-2050 Mar 29 j 07:48	22°♓57'03	
	-2050 Apr 01 j 13:54	0°♈	
evening rise	-2050 Apr 03 j 10:51	3°♈59'23	
	-2050 Apr 17 j 13:04	0°♉	
evening max el	-2050 Apr 28 j 05:06	13°♉20'41	24°13'56
desc. node	-2050 May 09 j 09:45	20°♉03'20	
retrograde	-2050 May 12 j 02:14	20°♉19'53	
evening set	-2050 May 16 j 13:02	19°♉35'37	
min. Earth dist.	-2050 May 22 j 16:40	16°♉33'57	0.56611 AU
inferior conj	-2050 May 25 j 06:56	14°♉56'09	-3°-49'-18
minimum elong	-2050 May 25 j 01:08	15°♉05'19	3°48'08
morning rise	-2050 Jun 02 j 17:12	10°♉53'15	
direct	-2050 Jun 05 j 06:15	10°♉35'57	
morning max el	-2050 Jun 14 j 21:07	15°♉03'31	19°38'23
asc. node	-2050 Jun 25 j 07:06	29°♉23'24	
	-2050 Jun 25 j 15:23	0°♊	
morning set	-2050 Jul 02 j 09:06	12°♊54'26	
superior conj	-2050 Jul 10 j 10:35	29°♊06'23	1°46'37
minimum elong	-2050 Jul 10 j 09:31	29°♊01'06	1°46'38
	-2050 Jul 10 j 21:28	0°♋	
max. Earth dist.	-2050 Jul 16 j 06:34	10°♋19'37	1.37413 AU
evening rise	-2050 Jul 20 j 03:59	17°♋26'29	
	-2050 Jul 27 j 11:36	0°♌	
desc. node	-2050 Aug 05 j 09:03	13°♌55'30	
	-2050 Aug 17 j 01:46	0°♍	
evening max el	-2050 Aug 24 j 23:44	8°♍55'29	25°22'16
retrograde	-2050 Sep 05 j 23:54	15°♍51'43	
evening set	-2050 Sep 11 j 21:21	13°♍22'16	
min. Earth dist.	-2050 Sep 16 j 08:08	8°♍23'40	0.66946 AU
inferior conj	-2050 Sep 17 j 09:06	7°♍02'28	-1°-18'-52
minimum elong	-2050 Sep 17 j 11:01	6°♍56'14	1°18'05
asc. node	-2050 Sep 21 j 06:13	2°♍28'29	
morning rise	-2050 Sep 23 j 01:16	1°♍01'18	
	-2050 Sep 25 j 13:03	30°℞♌	
direct	-2050 Sep 26 j 10:04	29°♌55'38	
	-2050 Sep 27 j 07:24	0°♍	
morning max el	-2050 Oct 03 j 17:26	4°♍06'24	19°34'07
greatest brilliancy	-2050 Oct 12 j 11:01	15°♍15'36	-0.7m
	-2050 Oct 22 j 06:12	0°♎	
morning set	-2050 Oct 28 j 05:14	9°♎13'07	
desc. node	-2050 Nov 01 j 08:29	15°♎39'18	
max. Earth dist.	-2050 Nov 10 j 05:48	29°♎37'22	1.44366 AU
	-2050 Nov 10 j 11:31	0°♏	

superior conj	-2050 Nov 14 j 00:43	5°♏39'31	-1°-15'-57
minimum elong	-2050 Nov 13 j 17:03	5°♏08'51	1°15'11
evening rise	-2050 Nov 28 j 04:08	28°♏52'08	
	-2050 Nov 28 j 20:19	0°♐	
evening max el	-2050 Dec 17 j 00:57	27°♐42'27	18°22'59
asc. node	-2050 Dec 18 j 05:27	28°♐49'52	
	-2050 Dec 19 j 18:10	0°♑	
retrograde	-2050 Dec 23 j 14:06	1°♑17'13	
evening set	-2050 Dec 26 j 11:29	0°♑31'57	
	-2050 Dec 27 j 09:12	30°℞♐	
inferior conj	-2049 Jan 01 j 13:19	25°♐02'11	3°41'01
minimum elong	-2049 Jan 01 j 11:00	25°♐08'48	3°40'38
min. Earth dist.	-2049 Jan 03 j 18:51	22°♐30'23	0.63989 AU
morning rise	-2049 Jan 07 j 09:02	18°♐59'09	
direct	-2049 Jan 14 j 07:41	16°♐09'41	
morning max el	-2049 Jan 27 j 22:08	23°♐56'17	27°30'29
desc. node	-2049 Jan 28 j 07:44	24°♐20'22	
	-2049 Feb 02 j 09:48	0°♑	
	-2049 Feb 22 j 14:05	0°♒	
morning set	-2049 Mar 03 j 19:07	17°♒07'15	
max. Earth dist.	-2049 Mar 08 j 20:57	27°♒26'50	1.33465 AU
	-2049 Mar 10 j 02:09	0°♓	
superior conj	-2049 Mar 11 j 16:43	3°♓24'26	0°-45'-48
minimum elong	-2049 Mar 11 j 18:49	3°♓35'37	0°45'26
asc. node	-2049 Mar 16 j 04:50	13°♓03'09	
evening rise	-2049 Mar 18 j 22:18	18°♓50'22	
	-2049 Mar 24 j 11:14	0°♈	
evening max el	-2049 Apr 09 j 21:29	24°♈00'07	22°39'14
	-2049 Apr 19 j 13:29	0°♉	
retrograde	-2049 Apr 23 j 00:34	0°♉27'19	
evening set	-2049 Apr 26 j 04:02	0°♉05'40	
desc. node	-2049 Apr 26 j 06:49	0°♉04'04	
	-2049 Apr 26 j 13:32	30°℞♈	
min. Earth dist.	-2049 May 04 j 06:23	26°♈33'36	0.55417 AU
inferior conj	-2049 May 05 j 11:21	25°♈52'11	-2°-28'-31
minimum elong	-2049 May 05 j 05:15	26°♈00'54	2°26'40
morning rise	-2049 May 14 j 08:51	21°♈56'47	
direct	-2049 May 17 j 01:33	21°♈39'52	
morning max el	-2049 May 28 j 08:02	26°♈55'17	20°53'20
	-2049 May 31 j 06:46	0°♉	
asc. node	-2049 Jun 12 j 04:10	18°♉39'02	
morning set	-2049 Jun 16 j 15:52	27°♉35'23	
	-2049 Jun 17 j 19:57	0°♊	
superior conj	-2049 Jun 24 j 05:43	13°♊17'13	1°38'04
minimum elong	-2049 Jun 24 j 03:32	13°♊06'02	1°37'56
max. Earth dist.	-2049 Jun 28 j 15:13	22°♊08'29	1.35705 AU
evening rise	-2049 Jul 02 j 21:57	0°♋22'39	
	-2049 Jul 02 j 17:07	0°♋	
	-2049 Jul 20 j 14:14	0°♌	
desc. node	-2049 Jul 23 j 06:05	3°♌52'07	
evening max el	-2049 Aug 07 j 11:12	22°♌29'30	26°25'48
retrograde	-2049 Aug 20 j 05:58	29°♌42'16	
evening set	-2049 Aug 26 j 17:33	27°♌00'29	
min. Earth dist.	-2049 Aug 30 j 20:23	22°♌39'48	0.66158 AU
inferior conj	-2049 Sep 01 j 09:15	20°♌47'09	-2°-12'-18
minimum elong	-2049 Sep 01 j 12:24	20°♌37'30	2°11'07
morning rise	-2049 Sep 07 j 08:13	14°♌57'11	
asc. node	-2049 Sep 08 j 03:19	14°♌33'41	
direct	-2049 Sep 10 j 08:10	14°♌06'05	
morning max el	-2049 Sep 17 j 02:50	17°♌52'51	18°44'24
	-2049 Sep 26 j 05:43	0°♍	
morning set	-2049 Oct 08 j 00:50	18°♍36'14	
	-2049 Oct 15 j 05:03	0°♎	
desc. node	-2049 Oct 19 j 05:30	6°♎20'40	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2049 Oct 24 j 02:50	14°♎02'37	0°-31'-9
minimum elong	-2049 Oct 23 j 22:45	13°♎46'32	0°30'39
max. Earth dist.	-2049 Oct 23 j 23:15	13°♎48'33	1.44912 AU
	-2049 Nov 03 j 05:17	0°♏	
evening rise	-2049 Nov 09 j 00:15	9°♏14'07	
	-2049 Nov 22 j 02:41	0°♐	
evening max el	-2049 Nov 30 j 11:54	11°♐07'35	18°55'20
asc. node	-2049 Dec 05 j 02:29	14°♐32'44	
retrograde	-2049 Dec 07 j 08:02	15°♐00'14	
evening set	-2049 Dec 10 j 11:11	14°♐03'52	
inferior conj	-2049 Dec 16 j 06:06	8°♐16'53	3°12'29
minimum elong	-2049 Dec 16 j 03:09	8°♐25'59	3°11'45
min. Earth dist.	-2049 Dec 17 j 20:38	6°♐17'50	0.65401 AU
morning rise	-2049 Dec 21 j 18:09	2°♐07'15	
	-2049 Dec 24 j 23:55	30°℞♏	
direct	-2049 Dec 28 j 07:44	29°♏17'47	
	-2049 Dec 31 j 21:03	0°♐	
morning max el	-2048 Jan 10 j 07:42	6°♐52'50	26°44'45
desc. node	-2048 Jan 15 j 04:48	12°♐14'03	
	-2048 Jan 28 j 06:16	0°♑	
	-2048 Feb 14 j 21:12	0°♒	
morning set	-2048 Feb 15 j 04:32	0°♒34'48	
max. Earth dist.	-2048 Feb 19 j 13:36	9°♒07'55	1.34599 AU
superior conj	-2048 Feb 23 j 18:01	17°♒39'46	-1°-10'-27
minimum elong	-2048 Feb 23 j 21:05	17°♒55'37	1°10'01
	-2048 Feb 29 j 15:24	0°♓	
evening rise	-2048 Mar 02 j 07:45	3°♓30'06	
asc. node	-2048 Mar 02 j 01:52	2°♓59'38	
	-2048 Mar 17 j 11:13	0°♈	
evening max el	-2048 Mar 21 j 20:39	4°♈56'34	21°10'08
retrograde	-2048 Apr 02 j 14:13	10°♈35'37	
evening set	-2048 Apr 04 j 23:35	10°♈22'23	
desc. node	-2048 Apr 12 j 03:53	7°♈33'53	
inferior conj	-2048 Apr 14 j 06:21	6°♈23'44	0°-35'-34
minimum elong	-2048 Apr 14 j 04:40	6°♈26'07	0°35'00
min. Earth dist.	-2048 Apr 14 j 19:53	6°♈04'38	0.55091 AU
morning rise	-2048 Apr 23 j 09:20	2°♈19'09	
direct	-2048 Apr 26 j 13:02	1°♈57'32	
morning max el	-2048 May 09 j 08:17	8°♈05'27	22°24'49
	-2048 May 24 j 19:00	0°♉	
asc. node	-2048 May 29 j 01:15	8°♉17'44	
morning set	-2048 May 31 j 02:08	12°♉29'08	
superior conj	-2048 Jun 07 j 08:31	27°♉52'25	1°23'56
minimum elong	-2048 Jun 07 j 05:55	27°♉38'46	1°23'38
	-2048 Jun 08 j 08:44	0°♊	
max. Earth dist.	-2048 Jun 10 j 09:26	4°♊13'35	1.34343 AU
evening rise	-2048 Jun 15 j 07:03	14°♊04'59	
	-2048 Jun 23 j 22:36	0°♋	
desc. node	-2048 Jul 09 j 03:06	23°♋18'51	
	-2048 Jul 14 j 10:33	0°♌	
evening max el	-2048 Jul 19 j 22:55	5°♌55'17	27°09'01
retrograde	-2048 Aug 02 j 06:36	13°♌15'17	
evening set	-2048 Aug 09 j 05:26	10°♌29'11	
min. Earth dist.	-2048 Aug 13 j 01:04	6°♌46'33	0.65004 AU
inferior conj	-2048 Aug 15 j 03:07	4°♌25'45	-3°-2'-23
minimum elong	-2048 Aug 15 j 07:10	4°♌14'22	3°01'06
	-2048 Aug 19 j 14:09	30°℞♋	
morning rise	-2048 Aug 21 j 10:21	28°♋50'30	
direct	-2048 Aug 24 j 03:50	28°♋10'34	
asc. node	-2048 Aug 25 j 00:24	28°♋14'31	
	-2048 Aug 28 j 18:32	0°♌	
morning max el	-2048 Aug 30 j 16:31	1°♌42'05	18°11'20
morning set	-2048 Sep 18 j 00:31	29°♌21'56	
	-2048 Sep 18 j 09:41	0°♍	

superior conj	-2048 Oct 02 j 06:16	22°♍34'50	0°18'21
minimum elong	-2048 Oct 02 j 08:31	22°♍43'48	0°18'02
desc. node	-2048 Oct 05 j 02:30	27°♍05'47	
max. Earth dist.	-2048 Oct 05 j 18:03	28°♍07'15	1.44720 AU
	-2048 Oct 06 j 22:37	0°♎	
evening rise	-2048 Oct 18 j 20:58	18°♎38'33	
	-2048 Oct 26 j 05:11	0°♏	
greatest brilliancy	-2048 Nov 04 j 20:48	14°♏28'59	-0.6m
evening max el	-2048 Nov 12 j 18:56	24°♏34'16	19°43'58
retrograde	-2048 Nov 20 j 04:54	28°♏53'27	
asc. node	-2048 Nov 20 j 23:32	28°♏49'59	
evening set	-2048 Nov 23 j 15:40	27°♏43'54	
inferior conj	-2048 Nov 29 j 05:39	21°♏42'46	2°34'23
minimum elong	-2048 Nov 29 j 02:46	21°♏52'12	2°33'27
min. Earth dist.	-2048 Nov 30 j 06:32	20°♏20'58	0.66439 AU
morning rise	-2048 Dec 04 j 13:14	15°♏28'37	
direct	-2048 Dec 10 j 13:24	12°♏50'42	
morning max el	-2048 Dec 22 j 16:48	20°♏02'07	25°35'23
	-2048 Dec 31 j 06:38	0°♐	
desc. node	-2047 Jan 01 j 01:49	1°♐02'20	
	-2047 Jan 20 j 09:25	0°♑	
morning set	-2047 Jan 27 j 22:23	13°♑10'24	
max. Earth dist.	-2047 Jan 31 j 18:38	20°♑19'14	1.36178 AU
	-2047 Feb 05 j 18:04	0°♒	
superior conj	-2047 Feb 06 j 11:03	1°♒24'41	-1°-32'-22
minimum elong	-2047 Feb 06 j 14:32	1°♒42'08	1°32'00
evening rise	-2047 Feb 14 j 13:05	17°♒50'44	
asc. node	-2047 Feb 16 j 22:53	22°♒40'40	
	-2047 Feb 20 j 18:47	0°♓	
evening max el	-2047 Mar 04 j 06:09	16°♓25'46	19°55'42
retrograde	-2047 Mar 14 j 07:06	21°♓13'13	
evening set	-2047 Mar 16 j 12:06	21°♓00'20	
inferior conj	-2047 Mar 25 j 06:00	16°♓59'17	1°19'02
minimum elong	-2047 Mar 25 j 09:15	16°♓54'16	1°17'57
min. Earth dist.	-2047 Mar 27 j 09:57	15°♓39'52	0.55703 AU
desc. node	-2047 Mar 30 j 00:56	14°♓10'44	
morning rise	-2047 Apr 03 j 03:26	12°♓28'24	
direct	-2047 Apr 07 j 04:55	11°♓52'01	
morning max el	-2047 Apr 21 j 01:04	18°♓45'09	24°04'42
	-2047 Apr 30 j 08:37	0°♈	
morning set	-2047 May 15 j 14:03	27°♈29'05	
asc. node	-2047 May 15 j 22:16	28°♈12'22	
	-2047 May 16 j 18:37	0°♉	
superior conj	-2047 May 22 j 16:16	12°♉42'57	1°05'34
minimum elong	-2047 May 22 j 13:51	12°♉29'55	1°05'12
max. Earth dist.	-2047 May 24 j 12:46	16°♉41'58	1.33355 AU
evening rise	-2047 May 30 j 02:56	28°♉20'08	
	-2047 May 30 j 22:51	0°♊	
	-2047 Jun 17 j 03:18	0°♋	
desc. node	-2047 Jun 26 j 00:08	12°♋02'56	
evening max el	-2047 Jul 02 j 09:13	19°♋00'19	27°25'15
retrograde	-2047 Jul 16 j 01:29	26°♋21'59	
evening set	-2047 Jul 23 j 05:49	23°♋43'17	
min. Earth dist.	-2047 Jul 26 j 20:23	20°♋34'21	0.63469 AU
inferior conj	-2047 Jul 29 j 12:07	17°♋52'40	-3°-45'-59
minimum elong	-2047 Jul 29 j 16:19	17°♋41'59	3°45'01
morning rise	-2047 Aug 05 j 04:54	12°♋35'26	
direct	-2047 Aug 07 j 18:14	12°♋03'44	
asc. node	-2047 Aug 11 j 21:28	13°♋27'14	
morning max el	-2047 Aug 14 j 07:52	15°♋28'39	17°55'51
	-2047 Aug 24 j 12:10	0°♌	
morning set	-2047 Aug 31 j 01:25	11°♌19'56	
	-2047 Sep 10 j 23:06	0°♍	
superior conj	-2047 Sep 12 j 06:55	2°♍12'07	1°00'21

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2047 Sep 12 j 12:15	2°♍34'13	0°59'43	
max. Earth dist.	-2047 Sep 18 j 10:20	12°♍12'42	1.43823 AU	
desc. node	-2047 Sep 21 j 23:31	17°♍51'47		
evening rise	-2047 Sep 28 j 03:22	27°♍29'16		
	-2047 Sep 29 j 18:30	0°♎		
	-2047 Oct 20 j 04:50	0°♏		
greatest brilliancy	-2047 Oct 21 j 01:30	1°♏08'18	-0.5m	
evening max el	-2047 Oct 26 j 20:28	8°♏01'14	20°46'43	
retrograde	-2047 Nov 04 j 02:22	12°♏54'05		
evening set	-2047 Nov 07 j 22:48	11°♏29'07		
asc. node	-2047 Nov 07 j 20:35	11°♏33'11		
inferior conj	-2047 Nov 13 j 09:35	5°♏17'18	1°49'29	
minimum elong	-2047 Nov 13 j 07:18	5°♏25'06	1°48'35	
min. Earth dist.	-2047 Nov 13 j 22:30	4°♏33'17	0.67123 AU	
	-2047 Nov 17 j 14:47	30°℞♎		
morning rise	-2047 Nov 18 j 15:23	29°♎00'59		
direct	-2047 Nov 24 j 00:22	26°♎41'36		
	-2047 Dec 01 j 10:44	0°♏		
morning max el	-2047 Dec 05 j 01:25	3°♏16'52	24°12'07	
desc. node	-2047 Dec 18 j 22:51	20°♏29'47		
	-2047 Dec 25 j 12:00	0°♐		
morning set	-2046 Jan 09 j 18:53	24°♐38'43		
	-2046 Jan 12 j 20:05	0°♑		
max. Earth dist.	-2046 Jan 13 j 15:10	1°♑25'18	1.38121 AU	
superior conj	-2046 Jan 20 j 16:24	14°♑30'10	-1°-49'-14	
minimum elong	-2046 Jan 20 j 19:19	14°♑44'09	1°49'06	
	-2046 Jan 28 j 14:30	0°♒		
evening rise	-2046 Jan 29 j 12:00	1°♒46'03		
asc. node	-2046 Feb 03 j 19:53	12°♒00'38		
evening max el	-2046 Feb 15 j 02:10	28°♒31'26	19°00'04	
	-2046 Feb 16 j 19:05	0°♓		
retrograde	-2046 Feb 23 j 14:12	2°♓36'35		
evening set	-2046 Feb 25 j 21:48	2°♓19'39		
	-2046 Mar 03 j 01:15	30°℞♒		
inferior conj	-2046 Mar 05 j 22:05	28°♒04'07	2°46'34	
minimum elong	-2046 Mar 06 j 02:45	27°♒55'52	2°45'24	
min. Earth dist.	-2046 Mar 09 j 01:45	25°♒51'37	0.57116 AU	
morning rise	-2046 Mar 14 j 03:41	23°♒01'23		
desc. node	-2046 Mar 16 j 21:58	22°♒10'48		
direct	-2046 Mar 19 j 09:36	21°♒55'56		
morning max el	-2046 Apr 02 j 16:04	29°♒19'00	25°39'31	
	-2046 Apr 03 j 08:46	0°♓		
	-2046 Apr 23 j 20:16	0°♈		
morning set	-2046 Apr 30 j 01:56	12°♈29'18		
asc. node	-2046 May 02 j 19:18	18°♈17'35		
superior conj	-2046 May 07 j 02:54	27°♈41'43	0°44'03	
minimum elong	-2046 May 07 j 01:05	27°♈31'49	0°43'43	
max. Earth dist.	-2046 May 07 j 22:35	29°♈29'11	1.32733 AU	
	-2046 May 08 j 04:15	0°♉		
evening rise	-2046 May 14 j 06:16	12°♉57'37		
	-2046 May 23 j 02:09	0°♊		
desc. node	-2046 Jun 12 j 21:10	29°♊46'11		
	-2046 Jun 13 j 02:31	0°♋		
evening max el	-2046 Jun 14 j 15:48	1°♋32'19	27°09'45	
retrograde	-2046 Jun 28 j 13:51	8°♋52'31		
evening set	-2046 Jul 05 j 14:42	6°♋35'33		
min. Earth dist.	-2046 Jul 09 j 05:39	3°♋49'37	0.61610 AU	
inferior conj	-2046 Jul 12 j 09:05	1°♋00'16	-4°-18'-19	
minimum elong	-2046 Jul 12 j 12:10	0°♋53'18	4°17'55	
	-2046 Jul 13 j 12:08	30°℞♊		
morning rise	-2046 Jul 19 j 12:28	26°♊03'44		
direct	-2046 Jul 21 j 23:51	25°♊37'53		
morning max el	-2046 Jul 28 j 21:59	29°♊05'15	17°58'49	
asc. node	-2046 Jul 29 j 18:32	29°♊57'54		
	-2046 Jul 29 j 19:19	0°♋		
morning set	-2046 Aug 13 j 21:42	24°♋13'25		
	-2046 Aug 17 j 01:40	0°♌		
superior conj	-2046 Aug 24 j 11:06	13°♌10'47	1°29'00	
minimum elong	-2046 Aug 24 j 15:39	13°♌30'34	1°28'38	
max. Earth dist.	-2046 Aug 31 j 21:21	25°♌46'10	1.42349 AU	
	-2046 Sep 03 j 11:23	0°♍		
evening rise	-2046 Sep 07 j 13:26	6°♍32'28		
desc. node	-2046 Sep 08 j 20:31	8°♍34'52		
	-2046 Sep 23 j 01:36	0°♎		
greatest brilliancy	-2046 Oct 04 j 21:30	16°♎03'27	-0.4m	
evening max el	-2046 Oct 09 j 16:02	21°♎28'03	22°00'25	
retrograde	-2046 Oct 18 j 22:26	26°♎58'40		
evening set	-2046 Oct 23 j 06:43	25°♎16'13		
asc. node	-2046 Oct 25 j 17:38	22°♎48'32		
inferior conj	-2046 Oct 28 j 15:53	18°♎57'28	0°59'46	
minimum elong	-2046 Oct 28 j 14:32	19°♎02'08	0°59'11	
min. Earth dist.	-2046 Oct 28 j 18:01	18°♎50'06	0.67477 AU	
morning rise	-2046 Nov 02 j 22:08	12°♎41'37		
direct	-2046 Nov 07 j 15:52	10°♎44'00		
morning max el	-2046 Nov 17 j 11:41	16°♎34'45	22°44'51	
greatest brilliancy	-2046 Nov 22 j 04:49	21°♎52'02	-0.3m	
	-2046 Nov 28 j 11:31	0°♏		
desc. node	-2046 Dec 05 j 19:53	10°♏24'51		
	-2046 Dec 18 j 13:54	0°♐		
morning set	-2046 Dec 21 j 12:02	4°♐44'58		
max. Earth dist.	-2046 Dec 26 j 10:49	13°♐02'13	1.40222 AU	
superior conj	-2045 Jan 03 j 05:32	26°♐44'48	-1°-58'00	
minimum elong	-2045 Jan 03 j 06:21	26°♐48'30	1°58'02	
	-2045 Jan 05 j 00:14	0°♑		
evening rise	-2045 Jan 13 j 01:38	15°♑08'57		
	-2045 Jan 21 j 04:21	0°♒		
asc. node	-2045 Jan 21 j 16:54	0°♒52'37		
evening max el	-2045 Jan 29 j 06:36	11°♒08'24	18°24'27	
retrograde	-2045 Feb 05 j 15:50	14°♒46'41		
evening set	-2045 Feb 08 j 03:24	14°♒23'13		
inferior conj	-2045 Feb 15 j 10:55	9°♒47'15	3°37'28	
minimum elong	-2045 Feb 15 j 13:54	9°♒41'07	3°37'02	
min. Earth dist.	-2045 Feb 18 j 20:59	6°♒59'57	0.59029 AU	
morning rise	-2045 Feb 22 j 20:49	4°♒18'59		
direct	-2045 Mar 01 j 03:40	2°♒35'19		
desc. node	-2045 Mar 03 j 19:01	2°♒53'09		
morning max el	-2045 Mar 15 j 10:39	10°♒13'47	26°54'07	
	-2045 Mar 30 j 15:59	0°♓		
morning set	-2045 Apr 14 j 12:10	27°♓23'47		
	-2045 Apr 15 j 17:53	0°♈		
asc. node	-2045 Apr 19 j 16:19	8°♈28'50		
superior conj	-2045 Apr 21 j 14:39	12°♈42'26	0°20'14	
minimum elong	-2045 Apr 21 j 13:45	12°♈37'32	0°20'04	
max. Earth dist.	-2045 Apr 21 j 11:32	12°♈25'23	1.32464 AU	
evening rise	-2045 Apr 28 j 14:29	27°♈48'47		
	-2045 Apr 29 j 15:43	0°♉		
	-2045 May 16 j 15:21	0°♊		
evening max el	-2045 May 27 j 16:43	13°♊23'15	26°21'40	
desc. node	-2045 May 30 j 18:10	16°♊03'29		
retrograde	-2045 Jun 10 j 18:09	20°♊39'32		
evening set	-2045 Jun 17 j 03:43	18°♊57'01		
min. Earth dist.	-2045 Jun 21 j 05:51	16°♊17'57	0.59570 AU	
inferior conj	-2045 Jun 24 j 14:31	13°♊40'17	-4°-31'-55	
minimum elong	-2045 Jun 24 j 14:46	13°♊39'46	4°31'53	
morning rise	-2045 Jul 02 j 05:20	9°♊05'56		
direct	-2045 Jul 04 j 16:39	8°♊44'09		
morning max el	-2045 Jul 12 j 07:57	12°♊24'27	18°21'17	
asc. node	-2045 Jul 16 j 15:37	17°♊31'32		
	-2045 Jul 24 j 04:21	0°♋		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning set	-2045 Jul 28 j 08:17	7°♋49'38	
superior conj	-2045 Aug 06 j 15:53	25°♋23'06	1°44'14
minimum elong	-2045 Aug 06 j 18:04	25°♋33'08	1°44'11
	-2045 Aug 09 j 04:53	0°♌	
max. Earth dist.	-2045 Aug 14 j 03:03	8°♌39'15	1.40503 AU
evening rise	-2045 Aug 18 j 19:40	16°♌33'31	
desc. node	-2045 Aug 26 j 17:32	29°♌11'43	
	-2045 Aug 27 j 06:03	0°♍	
	-2045 Sep 17 j 18:53	0°♎	
evening max el	-2045 Sep 22 j 06:42	4°♎56'44	23°20'11
retrograde	-2045 Oct 02 j 15:42	11°♎04'51	
evening set	-2045 Oct 07 j 13:43	9°♎03'30	
inferior conj	-2045 Oct 12 j 22:44	2°♎41'33	0°06'55
minimum elong	-2045 Oct 12 j 22:34	2°♎42'07	0°06'50
transit middle	-2045 Oct 12 j 22:34	2°♎42'07	0°06'50
transit begin	-2045 Oct 12 j 20:07	2°♎50'33	
transit end	-2045 Oct 13 j 01:02	2°♎33'41	
min. Earth dist.	-2045 Oct 12 j 14:36	3°♎09'29	0.67522 AU
asc. node	-2045 Oct 12 j 14:43	3°♎09'03	
	-2045 Oct 14 j 23:04	30°℞♍	
morning rise	-2045 Oct 18 j 07:27	26°♍29'08	
direct	-2045 Oct 22 j 11:00	24°♍53'23	
morning max el	-2045 Oct 31 j 03:05	29°♍59'26	21°22'03
	-2045 Oct 31 j 03:18	0°♎	
greatest brilliancy	-2045 Nov 05 j 08:53	6°♎02'11	-0.4m
	-2045 Nov 22 j 06:27	0°♏	
desc. node	-2045 Nov 22 j 16:56	0°♏39'35	
morning set	-2045 Dec 01 j 00:57	13°♏31'31	
max. Earth dist.	-2045 Dec 08 j 12:45	25°♏34'26	1.42190 AU
	-2045 Dec 11 j 04:53	0°♐	
superior conj	-2045 Dec 15 j 20:59	7°♐55'10	-1°-54'-40
minimum elong	-2045 Dec 15 j 17:58	7°♐42'14	1°54'36
evening rise	-2045 Dec 27 j 02:25	27°♐51'57	
	-2045 Dec 28 j 06:38	0°♑	
asc. node	-2044 Jan 08 j 13:57	19°♑07'46	
evening max el	-2044 Jan 12 j 16:31	24°♑08'00	18°08'43
retrograde	-2044 Jan 19 j 10:19	27°♑34'58	
evening set	-2044 Jan 22 j 01:28	27°♑03'46	
inferior conj	-2044 Jan 28 j 19:06	22°♑05'39	3°56'23
minimum elong	-2044 Jan 28 j 19:32	22°♑04'37	3°56'19
min. Earth dist.	-2044 Jan 31 j 22:26	19°♑08'07	0.61091 AU
morning rise	-2044 Feb 04 j 10:59	16°♑19'48	
direct	-2044 Feb 11 j 08:20	14°♑00'50	
desc. node	-2044 Feb 18 j 16:06	16°♑19'18	
morning max el	-2044 Feb 25 j 11:25	21°♑46'18	27°36'53
	-2044 Mar 03 j 16:59	0°♒	
	-2044 Mar 22 j 15:31	0°♓	
morning set	-2044 Mar 28 j 18:49	12°♓04'58	
max. Earth dist.	-2044 Apr 03 j 23:48	25°♓16'23	1.32554 AU
superior conj	-2044 Apr 05 j 01:48	27°♓38'04	0°-5'-4
minimum elong	-2044 Apr 05 j 02:02	27°♓39'19	0°05'02
behind sun begin	-2044 Apr 04 j 21:12	27°♓12'59	
behind sun end	-2044 Apr 05 j 06:51	28°♓05'40	
asc. node	-2044 Apr 05 j 13:21	28°♓41'06	
	-2044 Apr 06 j 03:47	0°♈	
evening rise	-2044 Apr 12 j 01:24	12°♈44'58	
	-2044 Apr 20 j 20:23	0°♉	
evening max el	-2044 May 08 j 11:13	24°♉31'25	25°05'48
	-2044 May 15 j 22:03	0°♊	
desc. node	-2044 May 16 j 15:13	0°♊20'07	
retrograde	-2044 May 22 j 11:50	1°♊39'22	
evening set	-2044 May 27 j 18:10	0°♊35'33	
	-2044 May 29 j 02:37	30°℞♉	
min. Earth dist.	-2044 Jun 01 j 23:10	27°♉46'25	0.57595 AU
inferior conj	-2044 Jun 05 j 00:54	25°♉41'44	-4°-16'-9
minimum elong	-2044 Jun 04 j 21:05	25°♉48'15	4°15'40
morning rise	-2044 Jun 13 j 03:56	21°♉28'49	
direct	-2044 Jun 15 j 16:23	21°♉10'02	
morning max el	-2044 Jun 24 j 10:46	25°♉15'51	19°04'17
	-2044 Jun 28 j 14:23	0°♊	
asc. node	-2044 Jul 02 j 12:41	5°♊53'12	
morning set	-2044 Jul 11 j 05:01	21°♊57'04	
	-2044 Jul 15 j 06:34	0°♋	
superior conj	-2044 Jul 19 j 15:29	8°♋32'39	1°48'20
minimum elong	-2044 Jul 19 j 15:25	8°♋32'18	1°48'22
max. Earth dist.	-2044 Jul 26 j 05:46	20°♋52'22	1.38519 AU
evening rise	-2044 Jul 30 j 03:28	27°♋47'45	
	-2044 Jul 31 j 10:08	0°♌	
desc. node	-2044 Aug 12 j 14:33	19°♌37'39	
	-2044 Aug 19 j 17:31	0°♍	
evening max el	-2044 Sep 03 j 18:28	18°♍28'33	24°39'37
retrograde	-2044 Sep 15 j 05:06	25°♍09'14	
evening set	-2044 Sep 20 j 18:05	22°♍49'14	
min. Earth dist.	-2044 Sep 25 j 09:47	17°♍29'53	0.67254 AU
inferior conj	-2044 Sep 26 j 04:25	16°♍27'45	0°-47'-28
minimum elong	-2044 Sep 26 j 05:34	16°♍23'55	0°46'59
asc. node	-2044 Sep 28 j 11:49	13°♍29'55	
morning rise	-2044 Oct 01 j 17:24	10°♍21'47	
direct	-2044 Oct 05 j 08:28	9°♍06'02	
morning max el	-2044 Oct 13 j 01:51	13°♍33'59	20°09'38
greatest brilliancy	-2044 Oct 20 j 01:53	22°♍06'38	-0.6m
	-2044 Oct 25 j 14:58	0°♎	
morning set	-2044 Nov 08 j 22:30	21°♎41'17	
desc. node	-2044 Nov 08 j 13:58	21°♎08'15	
	-2044 Nov 14 j 06:32	0°♏	
max. Earth dist.	-2044 Nov 19 j 22:41	8°♏59'26	1.43744 AU
superior conj	-2044 Nov 25 j 09:51	17°♏50'21	-1°-35'-13
minimum elong	-2044 Nov 25 j 02:54	17°♏21'53	1°34'41
	-2044 Dec 02 j 17:01	0°♐	
evening rise	-2044 Dec 08 j 10:06	9°♐46'48	
	-2044 Dec 20 j 11:55	0°♑	
asc. node	-2044 Dec 25 j 11:01	6°♑35'05	
evening max el	-2044 Dec 26 j 04:54	7°♑22'14	18°12'22
retrograde	-2043 Jan 01 j 17:20	10°♑51'09	
evening set	-2043 Jan 04 j 12:10	10°♑11'20	
inferior conj	-2043 Jan 10 j 18:58	4°♑52'13	3°51'37
minimum elong	-2043 Jan 10 j 17:23	4°♑56'27	3°51'27
min. Earth dist.	-2043 Jan 13 j 09:00	2°♑06'32	0.63014 AU
	-2043 Jan 15 j 13:11	30°℞♐	
morning rise	-2043 Jan 16 j 20:49	28°♐54'16	
direct	-2043 Jan 23 j 21:29	26°♐11'55	
	-2043 Feb 02 j 04:14	0°♑	
desc. node	-2043 Feb 04 j 13:10	1°♑56'26	
morning max el	-2043 Feb 06 j 17:49	3°♑59'45	27°43'04
	-2043 Feb 26 j 05:58	0°♒	
morning set	-2043 Mar 12 j 19:39	26°♒25'33	
	-2043 Mar 14 j 13:53	0°♓	
max. Earth dist.	-2043 Mar 18 j 07:31	7°♓48'57	1.33020 AU
superior conj	-2043 Mar 20 j 10:41	12°♓23'02	0°-30'-59
minimum elong	-2043 Mar 20 j 12:07	12°♓30'45	0°30'43
asc. node	-2043 Mar 23 j 10:23	18°♓50'35	
evening rise	-2043 Mar 27 j 13:11	27°♓39'41	
	-2043 Mar 28 j 16:00	0°♈	
	-2043 Apr 15 j 08:57	0°♉	
evening max el	-2043 Apr 20 j 02:21	5°♉12'17	23°33'38
retrograde	-2043 May 03 j 17:19	12°♉00'15	
desc. node	-2043 May 03 j 12:16	12°♉00'09	
evening set	-2043 May 07 j 14:11	11°♉27'18	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

min. Earth dist.	-2043 May 14 j 13:02	8°♉14'22	0.56014 AU
inferior conj	-2043 May 16 j 15:09	6°♉59'26	-3°-20'-8
minimum elong	-2043 May 16 j 08:36	7°♉09'15	3°18'32
morning rise	-2043 May 25 j 06:34	3°♉01'49	
direct	-2043 May 27 j 20:53	2°♉45'00	
morning max el	-2043 Jun 07 j 03:56	7°♉30'58	20°08'02
asc. node	-2043 Jun 19 j 09:45	24°♉51'25	
	-2043 Jun 22 j 02:59	0°♊	
morning set	-2043 Jun 25 j 08:47	6°♊27'25	
superior conj	-2043 Jul 03 j 04:42	22°♊24'34	1°43'47
minimum elong	-2043 Jul 03 j 03:04	22°♊16'22	1°43'44
	-2043 Jul 07 j 00:53	0°♋	
max. Earth dist.	-2043 Jul 08 j 10:26	2°♋41'32	1.36646 AU
evening rise	-2043 Jul 12 j 10:21	10°♋09'51	
	-2043 Jul 24 j 01:37	0°♌	
desc. node	-2043 Jul 30 j 11:35	9°♌46'58	
	-2043 Aug 15 j 05:31	0°♍	
evening max el	-2043 Aug 17 j 05:30	2°♍02'15	25°51'14
retrograde	-2043 Aug 29 j 14:04	9°♍06'47	
evening set	-2043 Sep 04 j 17:54	6°♍30'59	
min. Earth dist.	-2043 Sep 09 j 01:08	1°♍48'41	0.66656 AU
inferior conj	-2043 Sep 10 j 07:07	0°♍13'34	-1°-41'-49
minimum elong	-2043 Sep 10 j 09:35	0°♍05'45	1°40'49
	-2043 Sep 10 j 11:24	30°℞♌	
asc. node	-2043 Sep 15 j 08:55	24°♌46'05	
morning rise	-2043 Sep 16 j 02:01	24°♌17'06	
direct	-2043 Sep 19 j 06:45	23°♌18'08	
morning max el	-2043 Sep 26 j 07:54	27°♌17'22	19°11'03
	-2043 Sep 28 j 18:02	0°♍	
	-2043 Oct 18 j 22:43	0°♎	
morning set	-2043 Oct 19 j 04:34	0°♎22'53	
desc. node	-2043 Oct 26 j 10:59	11°♎45'59	
max. Earth dist.	-2043 Nov 02 j 14:15	22°♎59'04	1.44686 AU
superior conj	-2043 Nov 04 j 21:11	26°♎36'14	0°-58'-20
minimum elong	-2043 Nov 04 j 14:18	26°♎09'02	0°57'32
	-2043 Nov 07 j 00:30	0°♏	
evening rise	-2043 Nov 19 j 20:12	20°♏44'20	
	-2043 Nov 25 j 11:21	0°♐	
evening max el	-2043 Dec 09 j 17:01	20°♐44'06	18°34'34
asc. node	-2043 Dec 12 j 08:05	23°♐00'10	
retrograde	-2043 Dec 16 j 08:23	24°♐25'43	
evening set	-2043 Dec 19 j 07:57	23°♐36'01	
inferior conj	-2043 Dec 25 j 06:33	17°♐58'22	3°30'17
minimum elong	-2043 Dec 25 j 03:52	18°♐06'18	3°29'44
min. Earth dist.	-2043 Dec 27 j 05:32	15°♐39'35	0.64633 AU
morning rise	-2043 Dec 30 j 22:33	11°♐51'57	
direct	-2042 Jan 06 j 17:51	9°♐01'00	
morning max el	-2042 Jan 20 j 03:11	16°♐44'31	27°14'27
desc. node	-2042 Jan 22 j 10:13	19°♐08'16	
	-2042 Jan 31 j 04:50	0°♑	
	-2042 Feb 19 j 00:49	0°♒	
morning set	-2042 Feb 24 j 11:44	10°♒15'30	
max. Earth dist.	-2042 Mar 01 j 06:33	19°♒49'58	1.33894 AU
superior conj	-2042 Mar 04 j 15:21	26°♒50'37	0°-56'-30
minimum elong	-2042 Mar 04 j 17:54	27°♒04'03	0°56'05
	-2042 Mar 06 j 03:09	0°♓	
asc. node	-2042 Mar 10 j 07:25	8°♓52'45	
evening rise	-2042 Mar 11 j 23:59	12°♓26'02	
	-2042 Mar 21 j 02:15	0°♈	
evening max el	-2042 Apr 01 j 20:42	15°♈54'47	21°59'53
retrograde	-2042 Apr 14 j 11:29	22°♈03'41	
evening set	-2042 Apr 17 j 05:06	21°♈47'03	
desc. node	-2042 Apr 20 j 09:18	20°♈49'41	
min. Earth dist.	-2042 Apr 26 j 02:32	17°♈57'29	0.55157 AU
inferior conj	-2042 Apr 26 j 13:57	17°♈41'24	-1°-42'-59
minimum elong	-2042 Apr 26 j 09:18	17°♈47'56	1°41'26
morning rise	-2042 May 05 j 14:52	13°♈44'32	
direct	-2042 May 08 j 10:45	13°♈26'40	
morning max el	-2042 May 20 j 10:14	19°♈04'38	21°30'45
	-2042 May 29 j 05:11	0°♉	
asc. node	-2042 Jun 06 j 06:47	14°♉17'20	
morning set	-2042 Jun 09 j 17:14	21°♉14'11	
	-2042 Jun 13 j 21:45	0°♊	
superior conj	-2042 Jun 17 j 03:28	6°♊46'57	1°32'40
minimum elong	-2042 Jun 17 j 01:02	6°♊34'18	1°32'28
max. Earth dist.	-2042 Jun 20 j 22:37	14°♊33'46	1.35069 AU
evening rise	-2042 Jun 25 j 11:18	23°♊27'05	
	-2042 Jun 28 j 23:29	0°♋	
desc. node	-2042 Jul 17 j 08:36	29°♋32'15	
	-2042 Jul 17 j 16:36	0°♌	
evening max el	-2042 Jul 30 j 16:57	15°♌33'23	26°47'08
retrograde	-2042 Aug 12 j 18:06	22°♌51'11	
evening set	-2042 Aug 19 j 10:56	20°♌06'05	
min. Earth dist.	-2042 Aug 23 j 10:26	16°♌01'53	0.65705 AU
inferior conj	-2042 Aug 25 j 04:52	13°♌56'20	-2°-34'-8
minimum elong	-2042 Aug 25 j 08:28	13°♌45'42	2°32'52
morning rise	-2042 Aug 31 j 07:12	8°♌12'22	
asc. node	-2042 Sep 02 j 05:58	7°♌31'18	
direct	-2042 Sep 03 j 03:59	7°♌26'36	
morning max el	-2042 Sep 09 j 19:29	11°♌06'09	18°28'18
	-2042 Sep 23 j 02:35	0°♍	
morning set	-2042 Sep 29 j 12:01	10°♍21'16	
	-2042 Oct 11 j 18:11	0°♎	
desc. node	-2042 Oct 13 j 08:01	2°♎29'37	
superior conj	-2042 Oct 14 j 21:06	4°♎55'59	0°-9'-58
minimum elong	-2042 Oct 14 j 19:47	4°♎50'47	0°09'49
behind sun begin	-2042 Oct 14 j 10:40	4°♎14'49	
behind sun end	-2042 Oct 15 j 04:55	5°♎26'44	
max. Earth dist.	-2042 Oct 16 j 08:16	7°♎14'28	1.44917 AU
	-2042 Oct 30 j 19:39	0°♏	
evening rise	-2042 Oct 31 j 06:01	0°♏40'48	
greatest brilliancy	-2042 Nov 12 j 16:47	20°♏09'45	-0.7m
	-2042 Nov 19 j 13:32	0°♐	
evening max el	-2042 Nov 23 j 02:31	4°♐10'07	19°14'04
asc. node	-2042 Nov 29 j 05:07	8°♐08'15	
retrograde	-2042 Nov 30 j 03:55	8°♐13'20	
evening set	-2042 Dec 03 j 09:56	7°♐11'50	
inferior conj	-2042 Dec 09 j 02:33	1°♐18'32	2°57'18
minimum elong	-2042 Dec 08 j 23:34	1°♐28'02	2°56'27
	-2042 Dec 10 j 03:11	30°℞♏	
min. Earth dist.	-2042 Dec 10 j 11:10	29°♏34'45	0.65892 AU
morning rise	-2042 Dec 14 j 12:20	25°♏06'26	
direct	-2042 Dec 20 j 20:34	22°♏20'27	
morning max el	-2041 Jan 02 j 12:44	29°♏47'51	26°17'23
	-2041 Jan 02 j 17:33	0°♐	
desc. node	-2041 Jan 09 j 07:17	7°♐27'29	
	-2041 Jan 25 j 02:27	0°♑	
morning set	-2041 Feb 07 j 15:10	23°♑22'45	
	-2041 Feb 11 j 02:30	0°♒	
max. Earth dist.	-2041 Feb 11 j 17:51	1°♒14'53	1.35217 AU
superior conj	-2041 Feb 16 j 13:29	10°♒53'46	-1°-20'-14
minimum elong	-2041 Feb 16 j 16:48	11°♒10'47	1°19'48
evening rise	-2041 Feb 24 j 07:54	26°♒57'53	
asc. node	-2041 Feb 25 j 04:26	28°♒42'59	
	-2041 Feb 25 j 19:36	0°♓	
evening max el	-2041 Mar 15 j 00:06	27°♓04'03	20°36'20
	-2041 Mar 18 j 16:09	0°♈	
retrograde	-2041 Mar 26 j 00:49	2°♈20'31	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening set	-2041 Mar 28 j 06:43	2°♈08'18	
	-2041 Apr 03 j 02:43	30°℞♓	
inferior conj	-2041 Apr 06 j 09:09	28°♓10'57	0°14'55
minimum elong	-2041 Apr 06 j 09:50	28°♓09'57	0°14'41
transit middle	-2041 Apr 06 j 09:50	28°♓09'57	0°14'41
transit begin	-2041 Apr 06 j 08:18	28°♓12'11	
transit end	-2041 Apr 06 j 11:23	28°♓07'43	
desc. node	-2041 Apr 07 j 06:21	27°♓40'15	
min. Earth dist.	-2041 Apr 07 j 16:34	27°♓25'30	0.55235 AU
morning rise	-2041 Apr 15 j 11:11	23°♓56'17	
direct	-2041 Apr 18 j 22:48	23°♓29'53	
	-2041 May 02 j 06:57	0°♈	
morning max el	-2041 May 02 j 06:44	29°♓59'31	23°07'02
	-2041 May 22 j 04:01	0°♉	
asc. node	-2041 May 24 j 03:48	4°♉03'10	
morning set	-2041 May 25 j 04:21	6°♉10'46	
superior conj	-2041 Jun 01 j 08:37	21°♉29'22	1°16'35
minimum elong	-2041 Jun 01 j 06:02	21°♉15'37	1°16'15
max. Earth dist.	-2041 Jun 03 j 20:40	26°♉47'24	1.33870 AU
	-2041 Jun 05 j 09:38	0°♊	
evening rise	-2041 Jun 09 j 01:26	7°♊24'45	
	-2041 Jun 21 j 12:29	0°♋	
desc. node	-2041 Jul 04 j 05:36	18°♋42'31	
evening max el	-2041 Jul 13 j 04:20	28°♋51'51	27°19'43
	-2041 Jul 14 j 09:40	0°♌	
retrograde	-2041 Jul 26 j 16:31	6°♌13'32	
evening set	-2041 Aug 02 j 18:21	3°♌29'10	
min. Earth dist.	-2041 Aug 06 j 11:27	0°♌01'26	0.64386 AU
	-2041 Aug 06 j 12:00	30°℞♋	
inferior conj	-2041 Aug 08 j 19:18	27°♋30'35	-3°-21'-56
minimum elong	-2041 Aug 08 j 23:31	27°♋19'08	3°20'45
morning rise	-2041 Aug 15 j 06:25	22°♋02'24	
direct	-2041 Aug 17 j 21:47	21°♋26'22	
asc. node	-2041 Aug 20 j 03:01	21°♋51'53	
morning max el	-2041 Aug 24 j 10:08	24°♋54'26	18°02'33
	-2041 Aug 28 j 14:38	0°♌	
morning set	-2041 Sep 10 j 23:04	21°♌39'20	
	-2041 Sep 15 j 21:48	0°♍	
superior conj	-2041 Sep 24 j 07:49	13°♍50'51	0°37'35
minimum elong	-2041 Sep 24 j 11:56	14°♍07'33	0°37'03
max. Earth dist.	-2041 Sep 29 j 01:54	21°♍27'52	1.44418 AU
desc. node	-2041 Sep 30 j 05:02	23°♍15'25	
	-2041 Oct 04 j 11:54	0°♎	
evening rise	-2041 Oct 10 j 18:47	9°♎45'54	
	-2041 Oct 24 j 01:59	0°♏	
greatest brilliancy	-2041 Oct 30 j 11:17	9°♏11'45	-0.6m
evening max el	-2041 Nov 06 j 07:26	17°♏37'34	20°09'09
retrograde	-2041 Nov 14 j 01:12	22°♏10'05	
asc. node	-2041 Nov 16 j 02:09	21°♏46'07	
evening set	-2041 Nov 17 j 15:48	20°♏54'22	
inferior conj	-2041 Nov 23 j 04:15	14°♏48'33	2°16'04
minimum elong	-2041 Nov 23 j 01:35	14°♏57'30	2°15'06
min. Earth dist.	-2041 Nov 23 j 23:57	13°♏42'39	0.66777 AU
morning rise	-2041 Nov 28 j 10:47	8°♏33'15	
direct	-2041 Dec 04 j 04:45	6°♏02'16	
morning max el	-2041 Dec 15 j 21:17	12°♏59'29	25°00'59
desc. node	-2041 Dec 27 j 04:20	26°♏34'24	
	-2041 Dec 29 j 16:08	0°♐	
	-2040 Jan 17 j 20:59	0°♑	
morning set	-2040 Jan 21 j 00:48	5°♑32'24	
max. Earth dist.	-2040 Jan 24 j 18:19	12°♑19'14	1.36970 AU
superior conj	-2040 Jan 31 j 02:07	24°♑24'09	-1°-40'-19
minimum elong	-2040 Jan 31 j 05:31	24°♑40'52	1°40'01
	-2040 Feb 02 j 21:51	0°♒	

evening rise	-2040 Feb 08 j 10:52	11°♒09'06	
asc. node	-2040 Feb 12 j 01:27	18°♒16'12	
	-2040 Feb 18 j 16:20	0°♓	
evening max el	-2040 Feb 25 j 14:26	8°♓50'18	19°29'38
retrograde	-2040 Mar 05 j 22:21	13°♓17'31	
evening set	-2040 Mar 08 j 04:16	13°♓03'12	
inferior conj	-2040 Mar 16 j 14:52	8°♓57'20	2°00'29
minimum elong	-2040 Mar 16 j 19:14	8°♓50'16	1°59'10
min. Earth dist.	-2040 Mar 19 j 07:13	7°♓13'47	0.56226 AU
desc. node	-2040 Mar 24 j 03:24	4°♓38'27	
morning rise	-2040 Mar 25 j 06:33	4°♓12'59	
direct	-2040 Mar 29 j 20:13	3°♓25'44	
morning max el	-2040 Apr 12 j 21:53	10°♓33'18	24°46'28
	-2040 Apr 27 j 13:24	0°♈	
morning set	-2040 May 08 j 16:29	21°♈11'47	
asc. node	-2040 May 10 j 00:51	24°♈03'09	
	-2040 May 12 j 19:07	0°♉	
superior conj	-2040 May 15 j 17:50	6°♉24'23	0°56'46
minimum elong	-2040 May 15 j 15:38	6°♉12'24	0°56'25
max. Earth dist.	-2040 May 17 j 03:21	9°♉25'49	1.33052 AU
evening rise	-2040 May 23 j 00:54	21°♉51'07	
	-2040 May 27 j 03:40	0°♊	
	-2040 Jun 14 j 11:19	0°♋	
desc. node	-2040 Jun 20 j 02:36	7°♋03'09	
evening max el	-2040 Jun 24 j 13:38	11°♋45'00	27°22'45
retrograde	-2040 Jul 08 j 08:31	19°♋05'25	
evening set	-2040 Jul 15 j 12:37	16°♋34'34	
min. Earth dist.	-2040 Jul 19 j 02:36	13°♋36'50	0.62714 AU
inferior conj	-2040 Jul 21 j 23:36	10°♋50'16	-4°-1'-29
minimum elong	-2040 Jul 22 j 03:31	10°♋40'46	4°00'44
morning rise	-2040 Jul 28 j 20:44	5°♋41'11	
direct	-2040 Jul 31 j 09:03	5°♋12'07	
asc. node	-2040 Aug 06 j 00:05	7°♋39'13	
morning max el	-2040 Aug 07 j 01:13	8°♋36'54	17°54'45
	-2040 Aug 21 j 02:18	0°♌	
morning set	-2040 Aug 23 j 08:53	4°♌02'38	
superior conj	-2040 Sep 03 j 19:59	24°♌01'37	1°14'15
minimum elong	-2040 Sep 04 j 01:20	24°♌24'14	1°13'42
	-2040 Sep 07 j 09:44	0°♍	
max. Earth dist.	-2040 Sep 10 j 16:32	5°♍22'36	1.43260 AU
desc. node	-2040 Sep 16 j 02:01	14°♍00'15	
evening rise	-2040 Sep 19 j 00:17	18°♍35'21	
	-2040 Sep 26 j 11:12	0°♎	
greatest brilliancy	-2040 Oct 14 j 01:31	25°♎01'42	-0.4m
	-2040 Oct 18 j 06:02	0°♏	
evening max el	-2040 Oct 19 j 06:31	1°♏04'37	21°17'04
retrograde	-2040 Oct 27 j 22:10	6°♏12'40	
evening set	-2040 Oct 31 j 23:29	4°♏40'22	
asc. node	-2040 Nov 01 j 23:13	3°♏49'36	
	-2040 Nov 05 j 05:36	30°℞♎	
inferior conj	-2040 Nov 06 j 09:25	28°♎25'18	1°28'53
minimum elong	-2040 Nov 06 j 07:29	28°♎31'55	1°28'05
min. Earth dist.	-2040 Nov 06 j 17:36	27°♎57'10	0.67313 AU
morning rise	-2040 Nov 11 j 15:10	22°♎09'08	
direct	-2040 Nov 16 j 17:40	19°♎58'50	
morning max el	-2040 Nov 27 j 06:09	26°♎15'00	23°35'02
	-2040 Nov 30 j 16:50	0°♏	
desc. node	-2040 Dec 13 j 01:23	16°♏14'44	
	-2040 Dec 22 j 06:36	0°♐	
morning set	-2039 Jan 01 j 10:17	16°♐27'01	
max. Earth dist.	-2039 Jan 05 j 13:57	23°♐36'25	1.39015 AU
	-2039 Jan 09 j 03:56	0°♑	
superior conj	-2039 Jan 13 j 01:15	7°♑10'02	-1°-54'-10
minimum elong	-2039 Jan 13 j 03:30	7°♑20'34	1°54'07

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening rise	-2039 Jan 22 j 06:16	24°♑52'00	
	-2039 Jan 24 j 22:12	0°♒	
asc. node	-2039 Jan 28 j 22:29	7°♒25'29	
evening max el	-2039 Feb 07 j 14:23	21°♒10'21	18°42'23
retrograde	-2039 Feb 15 j 13:29	25°♒02'08	
evening set	-2039 Feb 17 j 22:53	24°♒42'32	
inferior conj	-2039 Feb 25 j 15:42	20°♒18'19	3°12'32
minimum elong	-2039 Feb 25 j 19:54	20°♒10'24	3°11'40
min. Earth dist.	-2039 Feb 28 j 23:52	17°♒48'37	0.57895 AU
morning rise	-2039 Mar 05 j 13:04	15°♒03'56	
direct	-2039 Mar 11 j 06:31	13°♒43'01	
desc. node	-2039 Mar 11 j 00:28	13°♒43'11	
morning max el	-2039 Mar 25 j 13:53	21°♒13'04	26°14'31
	-2039 Apr 02 j 05:04	0°♓	
	-2039 Apr 20 j 03:43	0°♈	
morning set	-2039 Apr 23 j 03:55	6°♈10'26	
asc. node	-2039 Apr 26 j 21:53	14°♈11'24	
superior conj	-2039 Apr 30 j 05:10	21°♈24'30	0°34'11
minimum elong	-2039 Apr 30 j 03:42	21°♈16'32	0°33'54
max. Earth dist.	-2039 Apr 30 j 15:10	22°♈19'16	1.32585 AU
	-2039 May 04 j 03:56	0°♉	
evening rise	-2039 May 07 j 06:38	6°♉35'20	
	-2039 May 19 j 17:26	0°♊	
evening max el	-2039 Jun 06 j 18:00	23°♊59'54	26°53'01
desc. node	-2039 Jun 06 j 23:37	24°♊13'12	
	-2039 Jun 15 j 02:46	0°♋	
retrograde	-2039 Jun 20 j 17:21	1°♋18'08	
	-2039 Jun 26 j 03:28	30°℞♊	
evening set	-2039 Jun 27 j 13:30	29°♊14'28	
min. Earth dist.	-2039 Jul 01 j 07:34	26°♊33'51	0.60759 AU
inferior conj	-2039 Jul 04 j 14:23	23°♊47'01	-4°-26'-58
minimum elong	-2039 Jul 04 j 16:29	23°♊42'32	4°26'46
morning rise	-2039 Jul 11 j 22:32	18°♊59'55	
direct	-2039 Jul 14 j 09:52	18°♊35'50	
morning max el	-2039 Jul 21 j 13:55	22°♊06'52	18°05'58
asc. node	-2039 Jul 23 j 21:10	24°♊38'19	
	-2039 Jul 27 j 17:01	0°♋	
morning set	-2039 Aug 06 j 11:49	17°♋15'42	
	-2039 Aug 13 j 09:12	0°♌	
superior conj	-2039 Aug 16 j 11:18	5°♌33'29	1°37'00
minimum elong	-2039 Aug 16 j 14:55	5°♌49'32	1°36'47
max. Earth dist.	-2039 Aug 24 j 01:39	18°♌41'21	1.41594 AU
evening rise	-2039 Aug 29 j 17:29	27°♌58'52	
	-2039 Aug 30 j 23:45	0°♍	
desc. node	-2039 Sep 02 j 23:01	4°♍41'01	
	-2039 Sep 20 j 03:54	0°♎	
greatest brilliancy	-2039 Sep 27 j 04:44	9°♎09'05	-0.3m
evening max el	-2039 Oct 01 j 23:44	14°♎31'41	22°33'58
retrograde	-2039 Oct 11 j 17:13	20°♎18'38	
evening set	-2039 Oct 16 j 07:15	18°♎27'56	
asc. node	-2039 Oct 19 j 20:17	14°♎36'08	
inferior conj	-2039 Oct 21 j 16:09	12°♎07'15	0°37'38
minimum elong	-2039 Oct 21 j 15:17	12°♎10'16	0°37'15
min. Earth dist.	-2039 Oct 21 j 13:48	12°♎15'23	0.67528 AU
morning rise	-2039 Oct 26 j 23:14	5°♎52'43	
direct	-2039 Oct 31 j 10:41	4°♎04'46	
morning max el	-2039 Nov 09 j 18:23	9°♎36'00	22°08'51
greatest brilliancy	-2039 Nov 14 j 11:39	14°♎55'46	-0.4m
	-2039 Nov 25 j 14:58	0°♏	
desc. node	-2039 Nov 29 j 22:26	6°♏19'05	
morning set	-2039 Dec 12 j 15:01	25°♏57'43	
	-2039 Dec 15 j 02:42	0°♐	
max. Earth dist.	-2039 Dec 18 j 12:09	5°♐37'27	1.41090 AU
superior conj	-2039 Dec 26 j 05:52	18°♐58'57	-1°-58'-18
minimum elong	-2039 Dec 26 j 05:14	18°♐56'11	1°58'22
	-2038 Jan 01 j 07:44	0°♑	
evening rise	-2038 Jan 05 j 14:58	7°♑59'27	
asc. node	-2038 Jan 15 j 19:32	26°♑03'16	
	-2038 Jan 18 j 12:16	0°♒	
evening max el	-2038 Jan 21 j 21:27	3°♒57'43	18°15'16
retrograde	-2038 Jan 28 j 23:00	7°♒29'52	
evening set	-2038 Jan 31 j 11:59	7°♒03'19	
inferior conj	-2038 Feb 07 j 13:12	2°♒17'43	3°48'52
minimum elong	-2038 Feb 07 j 15:05	2°♒13'34	3°48'40
	-2038 Feb 10 j 04:00	30°℞♑	
min. Earth dist.	-2038 Feb 10 j 21:30	29°♑23'04	0.59906 AU
morning rise	-2038 Feb 14 j 15:00	26°♑40'45	
direct	-2038 Feb 21 j 05:10	24°♑41'16	
desc. node	-2038 Feb 25 j 21:33	25°♑37'51	
	-2038 Mar 04 j 20:12	0°♒	
morning max el	-2038 Mar 07 j 11:16	2°♒23'42	27°16'37
	-2038 Mar 27 j 12:26	0°♓	
morning set	-2038 Apr 07 j 12:54	21°♓00'24	
	-2038 Apr 11 j 18:30	0°♈	
asc. node	-2038 Apr 13 j 18:56	4°♈23'34	
max. Earth dist.	-2038 Apr 14 j 04:21	5°♈15'04	1.32462 AU
superior conj	-2038 Apr 14 j 16:53	6°♈23'45	0°09'39
minimum elong	-2038 Apr 14 j 16:27	6°♈21'22	0°09'33
behind sun begin	-2038 Apr 14 j 12:26	5°♈59'21	
behind sun end	-2038 Apr 14 j 20:28	6°♈43'23	
evening rise	-2038 Apr 21 j 16:16	21°♈29'19	
	-2038 Apr 25 j 20:20	0°♉	
	-2038 May 14 j 13:47	0°♊	
evening max el	-2038 May 19 j 15:49	5°♊30'50	25°52'02
desc. node	-2038 May 24 j 20:39	9°♊43'39	
retrograde	-2038 Jun 02 j 17:37	12°♊45'10	
evening set	-2038 Jun 08 j 17:01	11°♊18'58	
min. Earth dist.	-2038 Jun 13 j 04:15	8°♊37'42	0.58703 AU
inferior conj	-2038 Jun 16 j 12:00	6°♊11'16	-4°-29'-32
minimum elong	-2038 Jun 16 j 10:35	6°♊13'53	4°29'26
morning rise	-2038 Jun 24 j 08:01	1°♊46'48	
direct	-2038 Jun 26 j 19:40	1°♊26'29	
morning max el	-2038 Jul 04 j 21:17	5°♊15'44	18°37'06
asc. node	-2038 Jul 10 j 18:15	12°♊33'52	
	-2038 Jul 20 j 13:28	0°♋	
morning set	-2038 Jul 21 j 03:07	1°♋06'00	
superior conj	-2038 Jul 30 j 00:49	18°♋12'19	1°47'11
minimum elong	-2038 Jul 30 j 01:59	18°♋17'45	1°47'12
	-2038 Aug 05 j 12:14	0°♌	
max. Earth dist.	-2038 Aug 06 j 05:15	1°♌14'53	1.39652 AU
evening rise	-2038 Aug 10 j 10:28	8°♌30'13	
desc. node	-2038 Aug 20 j 20:01	25°♌13'36	
	-2038 Aug 23 j 23:44	0°♍	
evening max el	-2038 Sep 14 j 12:39	28°♍00'39	23°54'28
	-2038 Sep 16 j 15:23	0°♎	
retrograde	-2038 Sep 25 j 09:06	4°♎24'20	
evening set	-2038 Sep 30 j 13:21	2°♎14'48	
	-2038 Oct 02 j 18:22	30°℞♍	
inferior conj	-2038 Oct 05 j 22:42	25°♍52'19	0°-16'-5
minimum elong	-2038 Oct 05 j 23:05	25°♍51'00	0°15'55
transit middle	-2038 Oct 05 j 23:05	25°♍51'00	0°15'55
transit begin	-2038 Oct 05 j 22:30	25°♍53'01	
transit end	-2038 Oct 05 j 23:41	25°♍49'00	
min. Earth dist.	-2038 Oct 05 j 10:07	26°♍35'08	0.67437 AU
asc. node	-2038 Oct 06 j 17:23	24°♍49'07	
morning rise	-2038 Oct 11 j 09:01	19°♍42'12	
direct	-2038 Oct 15 j 06:54	18°♍15'28	
morning max el	-2038 Oct 23 j 12:50	23°♍04'49	20°49'45
	-2038 Oct 29 j 09:48	0°♎	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

greatest brilliancy	-2038 Oct 29 j 09:39	29°♍59'30	-0.5m
desc. node	-2038 Nov 16 j 19:28	26°♎40'04	
	-2038 Nov 18 j 23:34	0°♏	
morning set	-2038 Nov 21 j 18:48	4°♏20'32	
max. Earth dist.	-2038 Nov 30 j 17:00	18°♏31'12	1.42907 AU
superior conj	-2038 Dec 07 j 10:20	29°♏37'27	-1°-48'-35
minimum elong	-2038 Dec 07 j 05:28	29°♏16'59	1°48'21
	-2038 Dec 07 j 15:41	0°♐	
evening rise	-2038 Dec 19 j 08:59	20°♐22'37	
	-2038 Dec 24 j 19:30	0°♑	
asc. node	-2037 Jan 02 j 16:35	13°♑59'36	
evening max el	-2037 Jan 05 j 08:44	17°♑04'16	18°08'00
retrograde	-2037 Jan 11 j 23:17	20°♑30'44	
evening set	-2037 Jan 14 j 15:51	19°♑56'09	
inferior conj	-2037 Jan 21 j 04:32	14°♑49'11	3°56'46
minimum elong	-2037 Jan 21 j 04:01	14°♑50'29	3°56'43
min. Earth dist.	-2037 Jan 24 j 02:50	11°♑53'57	0.61932 AU
morning rise	-2037 Jan 27 j 13:54	8°♑57'26	
direct	-2037 Feb 03 j 13:56	6°♑26'26	
desc. node	-2037 Feb 12 j 18:39	10°♑04'01	
morning max el	-2037 Feb 17 j 14:44	14°♑14'33	27°43'59
	-2037 Mar 02 j 08:53	0°♒	
	-2037 Mar 19 j 22:32	0°♓	
morning set	-2037 Mar 22 j 17:26	5°♓34'35	
max. Earth dist.	-2037 Mar 28 j 15:03	17°♓59'46	1.32699 AU
superior conj	-2037 Mar 30 j 03:21	21°♓16'23	0°-16'-1
minimum elong	-2037 Mar 30 j 04:05	21°♓20'24	0°15'53
asc. node	-2037 Mar 31 j 15:58	24°♓35'40	
	-2037 Apr 03 j 03:39	0°♈	
evening rise	-2037 Apr 06 j 03:47	6°♈26'08	
	-2037 Apr 18 j 16:04	0°♉	
evening max el	-2037 May 01 j 08:21	16°♉25'39	24°27'47
desc. node	-2037 May 11 j 17:42	22°♉58'39	
retrograde	-2037 May 15 j 06:51	23°♉27'35	
evening set	-2037 May 19 j 22:44	22°♉38'42	
min. Earth dist.	-2037 May 25 j 20:06	19°♉40'36	0.56850 AU
inferior conj	-2037 May 28 j 13:51	17°♉55'24	-3°-57'-48
minimum elong	-2037 May 28 j 08:29	18°♉04'02	3°56'51
morning rise	-2037 Jun 05 j 22:14	13°♉50'03	
direct	-2037 Jun 08 j 11:03	13°♉32'26	
morning max el	-2037 Jun 17 j 20:24	17°♉54'03	19°28'51
	-2037 Jun 26 j 22:13	0°♊	
asc. node	-2037 Jun 27 j 15:19	1°♊13'00	
morning set	-2037 Jul 05 j 03:13	15°♊24'42	
	-2037 Jul 12 j 10:05	0°♋	
superior conj	-2037 Jul 13 j 06:51	1°♋42'17	1°47'19
minimum elong	-2037 Jul 13 j 06:01	1°♋38'12	1°47'20
max. Earth dist.	-2037 Jul 19 j 07:44	13°♋14'00	1.37698 AU
evening rise	-2037 Jul 23 j 04:47	20°♋15'52	
	-2037 Jul 28 j 20:36	0°♌	
desc. node	-2037 Aug 07 j 17:01	15°♌33'26	
	-2037 Aug 18 j 00:31	0°♍	
evening max el	-2037 Aug 27 j 23:55	11°♍33'54	25°11'31
retrograde	-2037 Sep 08 j 20:45	18°♍26'18	
evening set	-2037 Sep 14 j 16:00	15°♍59'18	
min. Earth dist.	-2037 Sep 19 j 04:05	10°♍55'09	0.67040 AU
inferior conj	-2037 Sep 20 j 03:21	9°♍38'58	-1°-10'-39
minimum elong	-2037 Sep 20 j 05:04	9°♍33'21	1°09'55
asc. node	-2037 Sep 23 j 14:28	5°♍27'48	
morning rise	-2037 Sep 25 j 18:38	3°♍36'20	
direct	-2037 Sep 29 j 05:00	2°♍28'07	
morning max el	-2037 Oct 06 j 14:43	6°♍43'00	19°42'45
greatest brilliancy	-2037 Oct 14 j 19:33	17°♍03'30	-0.6m
	-2037 Oct 23 j 12:43	0°♎	
morning set	-2037 Oct 31 j 16:50	12°♎34'36	
desc. node	-2037 Nov 03 j 16:28	17°♎12'47	
	-2037 Nov 11 j 20:05	0°♏	
max. Earth dist.	-2037 Nov 13 j 05:06	2°♏10'56	1.44227 AU
superior conj	-2037 Nov 17 j 11:31	9°♏00'24	-1°-21'-34
minimum elong	-2037 Nov 17 j 03:52	8°♏29'35	1°20'49
	-2037 Nov 30 j 05:05	0°♐	
evening rise	-2037 Dec 01 j 07:53	1°♐53'05	
	-2037 Dec 19 j 12:43	0°♑	
evening max el	-2037 Dec 19 j 21:21	0°♑22'22	18°19'44
asc. node	-2037 Dec 20 j 13:39	1°♑02'07	
retrograde	-2037 Dec 26 j 10:00	3°♑55'12	
evening set	-2037 Dec 29 j 06:44	3°♑11'20	
	-2036 Jan 02 j 07:34	30°℞♐	
inferior conj	-2036 Jan 04 j 09:46	27°♐44'17	3°44'16
minimum elong	-2036 Jan 04 j 07:36	27°♐50'19	3°43'56
min. Earth dist.	-2036 Jan 06 j 17:32	25°♐08'31	0.63744 AU
morning rise	-2036 Jan 10 j 06:57	21°♐42'37	
direct	-2036 Jan 17 j 06:25	18°♐54'29	
desc. node	-2036 Jan 30 j 15:43	26°♐24'56	
morning max el	-2036 Jan 30 j 22:25	26°♐41'30	27°34'53
	-2036 Feb 03 j 01:22	0°♑	
	-2036 Feb 23 j 22:46	0°♒	
morning set	-2036 Mar 05 j 14:55	19°♒43'22	
	-2036 Mar 10 j 15:38	0°♓	
max. Earth dist.	-2036 Mar 10 j 19:19	0°♓19'20	1.33333 AU
superior conj	-2036 Mar 13 j 10:41	5°♓55'06	0°-41'-55
minimum elong	-2036 Mar 13 j 12:36	6°♓05'25	0°41'34
asc. node	-2036 Mar 17 j 12:59	14°♓42'48	
evening rise	-2036 Mar 20 j 15:20	21°♓18'16	
	-2036 Mar 24 j 21:38	0°♈	
evening max el	-2036 Apr 12 j 00:13	27°♈04'46	22°53'19
	-2036 Apr 15 j 11:07	0°♉	
retrograde	-2036 Apr 25 j 06:48	3°♉37'44	
desc. node	-2036 Apr 27 j 14:46	3°♉25'44	
evening set	-2036 Apr 28 j 14:30	3°♉13'38	
	-2036 May 06 j 00:41	30°℞♈	
min. Earth dist.	-2036 May 06 j 09:46	29°♈47'03	0.55548 AU
inferior conj	-2036 May 07 j 20:37	28°♈56'47	-2°-43'-23
minimum elong	-2036 May 07 j 14:13	29°♈06'01	2°41'32
morning rise	-2036 May 16 j 16:39	25°♈01'17	
direct	-2036 May 19 j 08:39	24°♈44'28	
morning max el	-2036 May 30 j 08:54	29°♈51'51	20°40'57
	-2036 May 30 j 12:24	0°♉	
asc. node	-2036 Jun 13 j 12:20	20°♉24'14	
morning set	-2036 Jun 18 j 09:16	0°♊03'10	
	-2036 Jun 18 j 08:39	0°♊	
superior conj	-2036 Jun 26 j 00:33	15°♊48'28	1°39'45
minimum elong	-2036 Jun 25 j 22:29	15°♊37'58	1°39'39
max. Earth dist.	-2036 Jun 30 j 15:18	25°♊02'34	1.35943 AU
	-2036 Jul 03 j 04:59	0°♋	
evening rise	-2036 Jul 04 j 20:02	3°♋03'40	
	-2036 Jul 20 j 19:35	0°♌	
desc. node	-2036 Jul 24 j 14:03	5°♌33'41	
evening max el	-2036 Aug 09 j 11:20	25°♌08'26	26°17'23
	-2036 Aug 15 j 10:10	0°♍	
retrograde	-2036 Aug 22 j 03:32	2°♍19'03	
	-2036 Aug 28 j 02:46	30°℞♌	
evening set	-2036 Aug 28 j 13:12	29°♌38'39	
min. Earth dist.	-2036 Sep 01 j 17:11	25°♌12'21	0.66303 AU
inferior conj	-2036 Sep 03 j 04:13	23°♌24'14	-2°-4'-21
minimum elong	-2036 Sep 03 j 07:12	23°♌15'01	2°03'13
morning rise	-2036 Sep 09 j 02:05	17°♌32'30	
asc. node	-2036 Sep 09 j 11:31	17°♌19'43	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

direct	-2036 Sep 12 j 03:14	16°♌39'25	
morning max el	-2036 Sep 18 j 23:18	20°♌28'57	18°50'46
	-2036 Sep 26 j 09:10	0°♍	
morning set	-2036 Oct 10 j 08:39	21°♍46'41	
	-2036 Oct 15 j 13:20	0°♎	
desc. node	-2036 Oct 20 j 13:29	7°♎53'32	
max. Earth dist.	-2036 Oct 25 j 22:28	16°♎21'05	1.44880 AU
superior conj	-2036 Oct 26 j 15:28	17°♎28'02	0°-38'-32
minimum elong	-2036 Oct 26 j 10:30	17°♎08'28	0°37'56
	-2036 Nov 03 j 13:38	0°♏	
evening rise	-2036 Nov 11 j 07:43	12°♏24'48	
	-2036 Nov 22 j 07:01	0°♐	
evening max el	-2036 Dec 02 j 08:39	13°♐46'54	18°49'24
asc. node	-2036 Dec 06 j 10:42	16°♐56'42	
retrograde	-2036 Dec 09 j 03:17	17°♐36'21	
evening set	-2036 Dec 12 j 05:29	16°♐41'41	
inferior conj	-2036 Dec 18 j 01:16	10°♐56'58	3°17'29
minimum elong	-2036 Dec 17 j 22:22	11°♐05'50	3°16'47
min. Earth dist.	-2036 Dec 19 j 17:55	8°♐52'43	0.65214 AU
morning rise	-2036 Dec 23 j 14:14	4°♐48'07	
direct	-2036 Dec 30 j 05:26	1°♐58'00	
morning max el	-2035 Jan 12 j 08:01	9°♐35'25	26°53'18
desc. node	-2035 Jan 16 j 12:45	14°♐08'23	
	-2035 Jan 28 j 10:42	0°♑	
	-2035 Feb 15 j 08:38	0°♒	
morning set	-2035 Feb 17 j 02:08	3°♒16'41	
max. Earth dist.	-2035 Feb 21 j 13:44	12°♒05'38	1.34402 AU
superior conj	-2035 Feb 25 j 12:52	20°♒13'26	-1°-6'-53
minimum elong	-2035 Feb 25 j 15:48	20°♒28'45	1°06'25
	-2035 Mar 02 j 04:30	0°♓	
asc. node	-2035 Mar 04 j 10:00	4°♓40'51	
evening rise	-2035 Mar 05 j 01:09	5°♓59'37	
	-2035 Mar 18 j 07:17	0°♈	
evening max el	-2035 Mar 24 j 21:53	7°♈56'18	21°22'37
retrograde	-2035 Apr 05 j 21:14	13°♈43'27	
evening set	-2035 Apr 08 j 08:19	13°♈29'35	
desc. node	-2035 Apr 14 j 11:48	11°♈13'29	
inferior conj	-2035 Apr 17 j 16:03	9°♈29'34	0°-53'-39
minimum elong	-2035 Apr 17 j 13:31	9°♈33'07	0°52'45
min. Earth dist.	-2035 Apr 17 j 23:02	9°♈19'45	0.55078 AU
morning rise	-2035 Apr 26 j 18:50	5°♈27'43	
direct	-2035 Apr 29 j 20:10	5°♈07'23	
morning max el	-2035 May 12 j 10:35	11°♈07'24	22°10'28
	-2035 May 26 j 03:35	0°♉	
asc. node	-2035 May 31 j 09:22	9°♉59'33	
morning set	-2035 Jun 02 j 19:05	14°♉55'06	
	-2035 Jun 09 j 22:28	0°♊	
superior conj	-2035 Jun 10 j 02:20	0°♊20'24	1°26'22
minimum elong	-2035 Jun 09 j 23:46	0°♊06'55	1°26'06
max. Earth dist.	-2035 Jun 13 j 07:57	7°♊04'01	1.34520 AU
evening rise	-2035 Jun 18 j 03:06	16°♊39'31	
	-2035 Jun 25 j 08:10	0°♋	
desc. node	-2035 Jul 11 j 11:03	25°♋05'38	
	-2035 Jul 15 j 05:38	0°♌	
evening max el	-2035 Jul 22 j 22:58	8°♌35'44	27°04'08
retrograde	-2035 Aug 05 j 05:00	15°♌55'21	
evening set	-2035 Aug 12 j 02:30	13°♌09'03	
min. Earth dist.	-2035 Aug 15 j 23:04	9°♌21'02	0.65198 AU
inferior conj	-2035 Aug 17 j 23:09	7°♌03'58	-2°-55'-7
minimum elong	-2035 Aug 18 j 03:06	6°♌52'42	2°53'52
morning rise	-2035 Aug 24 j 05:05	1°♌26'27	
direct	-2035 Aug 26 j 23:21	0°♌45'07	
asc. node	-2035 Aug 27 j 08:34	0°♌45'55	
morning max el	-2035 Sep 02 j 12:32	4°♌18'22	18°15'12
	-2035 Sep 19 j 18:11	0°♍	
morning set	-2035 Sep 21 j 04:11	2°♍20'30	
superior conj	-2035 Oct 05 j 17:18	25°♍55'11	0°11'06
minimum elong	-2035 Oct 05 j 18:41	26°♍00'44	0°10'54
behind sun begin	-2035 Oct 05 j 10:26	25°♍27'56	
behind sun end	-2035 Oct 06 j 02:57	26°♍33'31	
desc. node	-2035 Oct 07 j 10:29	28°♍38'28	
	-2035 Oct 08 j 07:07	0°♎	
max. Earth dist.	-2035 Oct 08 j 17:17	0°♎40'06	1.44795 AU
evening rise	-2035 Oct 22 j 07:41	21°♎57'21	
	-2035 Oct 27 j 11:49	0°♏	
greatest brilliancy	-2035 Nov 07 j 06:53	16°♏24'05	-0.7m
evening max el	-2035 Nov 15 j 16:21	27°♏13'25	19°35'41
	-2035 Nov 18 j 21:10	0°♐	
retrograde	-2035 Nov 22 j 23:56	1°♐28'22	
asc. node	-2035 Nov 23 j 07:44	1°♐27'46	
evening set	-2035 Nov 26 j 09:23	0°♐20'59	
	-2035 Nov 26 j 21:15	30°℞♏	
inferior conj	-2035 Dec 01 j 23:59	24°♏21'40	2°40'39
minimum elong	-2035 Dec 01 j 21:04	24°♏31'10	2°39'43
min. Earth dist.	-2035 Dec 03 j 02:48	22°♏54'11	0.66311 AU
morning rise	-2035 Dec 07 j 08:02	18°♏07'54	
direct	-2035 Dec 13 j 10:20	15°♏27'41	
morning max el	-2035 Dec 25 j 17:21	22°♏43'50	25°46'46
	-2034 Jan 01 j 04:04	0°♐	
desc. node	-2034 Jan 03 j 09:48	2°♐49'42	
	-2034 Jan 21 j 18:01	0°♑	
morning set	-2034 Jan 30 j 22:39	16°♑00'53	
max. Earth dist.	-2034 Feb 03 j 20:19	23°♑19'37	1.35916 AU
	-2034 Feb 07 j 06:35	0°♒	
superior conj	-2034 Feb 09 j 07:18	4°♒03'03	-1°-29'-21
minimum elong	-2034 Feb 09 j 10:46	4°♒20'32	1°28'56
evening rise	-2034 Feb 17 j 07:13	20°♒23'09	
asc. node	-2034 Feb 19 j 07:02	24°♒24'25	
	-2034 Feb 22 j 03:49	0°♓	
evening max el	-2034 Mar 07 j 05:42	19°♓19'39	20°05'38
retrograde	-2034 Mar 17 j 12:53	24°♓14'36	
evening set	-2034 Mar 19 j 17:45	24°♓02'06	
inferior conj	-2034 Mar 28 j 14:03	20°♓02'26	1°02'58
minimum elong	-2034 Mar 28 j 16:45	19°♓58'22	1°02'03
min. Earth dist.	-2034 Mar 30 j 13:06	18°♓51'39	0.55548 AU
desc. node	-2034 Apr 01 j 08:50	17°♓48'59	
morning rise	-2034 Apr 06 j 13:02	15°♓36'00	
direct	-2034 Apr 10 j 10:32	15°♓02'42	
morning max el	-2034 Apr 24 j 04:11	21°♓50'28	23°49'54
	-2034 May 01 j 06:22	0°♈	
morning set	-2034 May 18 j 06:51	29°♈54'39	
asc. node	-2034 May 18 j 06:25	29°♈52'18	
	-2034 May 18 j 07:53	0°♉	
superior conj	-2034 May 25 j 09:30	15°♉09'27	1°08'36
minimum elong	-2034 May 25 j 07:02	14°♉56'08	1°08'14
max. Earth dist.	-2034 May 27 j 09:56	19°♉28'38	1.33471 AU
	-2034 Jun 01 j 11:31	0°♊	
evening rise	-2034 Jun 01 j 21:36	0°♊50'46	
	-2034 Jun 18 j 07:35	0°♋	
desc. node	-2034 Jun 28 j 08:03	13°♋57'28	
evening max el	-2034 Jul 05 j 09:33	21°♋44'49	27°24'48
retrograde	-2034 Jul 19 j 00:56	29°♋06'56	
evening set	-2034 Jul 26 j 04:53	26°♋26'13	
min. Earth dist.	-2034 Jul 29 j 19:55	23°♋12'43	0.63717 AU
inferior conj	-2034 Aug 01 j 09:41	20°♋33'20	-3°-40'-1
minimum elong	-2034 Aug 01 j 13:55	20°♋22'21	3°38'59
morning rise	-2034 Aug 08 j 00:58	15°♋13'16	
direct	-2034 Aug 10 j 14:43	14°♋40'35	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2034 Aug 14 j 05:38	15°♋45'41	
morning max el	-2034 Aug 17 j 03:50	18°♋06'05	17°57'00
	-2034 Aug 25 j 18:44	0°♌	
morning set	-2034 Sep 03 j 01:42	14°♌08'52	
	-2034 Sep 12 j 08:36	0°♍	
superior conj	-2034 Sep 15 j 14:04	5°♍21'02	0°54'46
minimum elong	-2034 Sep 15 j 19:14	5°♍42'16	0°54'10
max. Earth dist.	-2034 Sep 21 j 09:49	14°♍47'35	1.43998 AU
desc. node	-2034 Sep 24 j 07:30	19°♍24'40	
	-2034 Oct 01 j 02:07	0°♎	
evening rise	-2034 Oct 01 j 15:12	0°♎50'29	
	-2034 Oct 21 j 05:12	0°♏	
greatest brilliancy	-2034 Oct 23 j 18:02	3°♏26'45	-0.5m
evening max el	-2034 Oct 29 j 18:48	10°♏40'38	20°36'34
retrograde	-2034 Nov 06 j 21:27	15°♏28'11	
asc. node	-2034 Nov 10 j 04:47	14°♏25'26	
evening set	-2034 Nov 10 j 16:16	14°♏05'46	
inferior conj	-2034 Nov 16 j 03:27	7°♏55'22	1°56'38
minimum elong	-2034 Nov 16 j 01:03	8°♏03'32	1°55'43
min. Earth dist.	-2034 Nov 16 j 18:06	7°♏05'37	0.67046 AU
morning rise	-2034 Nov 21 j 09:21	1°♏39'07	
	-2034 Nov 23 j 19:08	30°℞♎	
direct	-2034 Nov 26 j 20:40	29°♎16'33	
	-2034 Nov 30 j 03:53	0°♏	
morning max el	-2034 Dec 08 j 01:54	5°♏58'02	24°24'53
desc. node	-2034 Dec 21 j 06:52	22°♏12'22	
	-2034 Dec 26 j 17:24	0°♐	
morning set	-2033 Jan 12 j 22:46	27°♐40'36	
	-2033 Jan 14 j 06:33	0°♑	
max. Earth dist.	-2033 Jan 16 j 17:31	4°♑23'33	1.37816 AU
superior conj	-2033 Jan 23 j 14:41	17°♑15'24	-1°-47'-9
minimum elong	-2033 Jan 23 j 17:47	17°♑30'20	1°46'58
	-2033 Jan 30 j 02:21	0°♒	
evening rise	-2033 Feb 01 j 07:18	4°♒22'49	
asc. node	-2033 Feb 06 j 04:05	13°♒48'09	
	-2033 Feb 16 j 16:56	0°♓	
evening max el	-2033 Feb 18 j 00:20	1°♓20'35	19°07'06
retrograde	-2033 Feb 26 j 17:14	5°♓30'53	
evening set	-2033 Mar 01 j 00:18	5°♓14'45	
inferior conj	-2033 Mar 09 j 03:16	1°♓02'06	2°35'41
minimum elong	-2033 Mar 09 j 07:59	0°♓53'59	2°34'25
	-2033 Mar 10 j 15:11	30°℞♒	
min. Earth dist.	-2033 Mar 12 j 04:41	28°♒56'26	0.56863 AU
morning rise	-2033 Mar 17 j 11:38	26°♒03'56	
desc. node	-2033 Mar 19 j 05:55	25°♒29'31	
direct	-2033 Mar 22 j 13:25	25°♒03'29	
	-2033 Apr 03 j 02:31	0°♓	
morning max el	-2033 Apr 05 j 19:02	2°♓23'21	25°26'23
	-2033 Apr 25 j 05:57	0°♈	
morning set	-2033 May 02 j 18:52	14°♈55'13	
asc. node	-2033 May 05 j 03:27	19°♈56'21	
superior conj	-2033 May 09 j 19:50	0°♉07'35	0°47'30
minimum elong	-2033 May 09 j 17:55	29°♈57'03	0°47'09
	-2033 May 09 j 18:27	0°♉	
max. Earth dist.	-2033 May 10 j 18:59	2°♉13'36	1.32798 AU
evening rise	-2033 May 17 j 00:02	15°♉25'47	
	-2033 May 24 j 11:41	0°♊	
	-2033 Jun 13 j 12:39	0°♋	
desc. node	-2033 Jun 15 j 05:05	1°♋51'37	
evening max el	-2033 Jun 17 j 16:58	4°♋23'06	27°14'16
retrograde	-2033 Jul 01 j 14:26	11°♋43'32	
evening set	-2033 Jul 08 j 16:23	9°♋22'35	
min. Earth dist.	-2033 Jul 12 j 06:49	6°♋34'00	0.61902 AU
inferior conj	-2033 Jul 15 j 08:42	3°♋44'48	-4°-14'-31
minimum elong	-2033 Jul 15 j 12:04	3°♋37'03	4°14'00
	-2033 Jul 19 j 22:51	30°℞♊	
morning rise	-2033 Jul 22 j 10:26	28°♊44'51	
direct	-2033 Jul 24 j 21:57	28°♊18'15	
	-2033 Jul 29 j 16:33	0°♋	
morning max el	-2033 Jul 31 j 18:20	1°♋44'48	17°57'07
asc. node	-2033 Aug 01 j 02:43	2°♋05'44	
morning set	-2033 Aug 16 j 19:29	26°♋55'21	
	-2033 Aug 18 j 12:12	0°♌	
superior conj	-2033 Aug 27 j 14:11	16°♌07'40	1°25'34
minimum elong	-2033 Aug 27 j 19:00	16°♌28'30	1°25'08
max. Earth dist.	-2033 Sep 03 j 21:44	28°♌26'55	1.42603 AU
	-2033 Sep 04 j 20:28	0°♍	
evening rise	-2033 Sep 10 j 23:30	9°♍48'49	
desc. node	-2033 Sep 11 j 04:30	10°♍08'27	
	-2033 Sep 24 j 06:34	0°♎	
greatest brilliancy	-2033 Oct 07 j 19:12	18°♎37'07	-0.4m
evening max el	-2033 Oct 12 j 15:20	24°♎07'54	21°48'59
retrograde	-2033 Oct 21 j 17:50	29°♎32'33	
evening set	-2033 Oct 26 j 00:13	27°♎52'51	
asc. node	-2033 Oct 28 j 01:52	25°♎52'54	
inferior conj	-2033 Oct 31 j 09:33	21°♎35'01	1°07'33
minimum elong	-2033 Oct 31 j 08:03	21°♎40'14	1°06'54
min. Earth dist.	-2033 Oct 31 j 13:15	21°♎22'13	0.67446 AU
morning rise	-2033 Nov 05 j 15:36	15°♎19'00	
direct	-2033 Nov 10 j 11:37	13°♎17'57	
morning max el	-2033 Nov 20 j 11:40	19°♎15'19	22°57'44
greatest brilliancy	-2033 Nov 25 j 07:32	24°♎40'12	-0.3m
	-2033 Nov 29 j 12:12	0°♏	
desc. node	-2033 Dec 08 j 03:56	12°♏04'14	
	-2033 Dec 19 j 22:04	0°♐	
morning set	-2033 Dec 24 j 20:21	8°♐00'14	
max. Earth dist.	-2033 Dec 29 j 12:56	15°♐55'00	1.39911 AU
superior conj	-2032 Jan 06 j 06:40	29°♐39'24	-1°-57'-21
minimum elong	-2032 Jan 06 j 07:56	29°♐45'09	1°57'24
	-2032 Jan 06 j 11:10	0°♑	
evening rise	-2032 Jan 15 j 22:35	17°♑51'49	
	-2032 Jan 22 j 10:59	0°♒	
asc. node	-2032 Jan 24 j 01:08	2°♒45'28	
evening max el	-2032 Feb 01 j 03:49	13°♒54'22	18°28'28
retrograde	-2032 Feb 08 j 16:11	17°♒35'28	
evening set	-2032 Feb 11 j 03:15	17°♒13'01	
inferior conj	-2032 Feb 18 j 13:06	12°♒40'11	3°31'56
minimum elong	-2032 Feb 18 j 16:26	12°♒33'28	3°31'24
min. Earth dist.	-2032 Feb 21 j 23:09	9°♒56'43	0.58730 AU
morning rise	-2032 Feb 26 j 01:58	7°♒15'20	
direct	-2032 Mar 03 j 05:44	5°♒37'34	
desc. node	-2032 Mar 05 j 03:01	5°♒46'37	
morning max el	-2032 Mar 17 j 12:50	13°♒13'56	26°44'47
	-2032 Mar 30 j 19:17	0°♓	
morning set	-2032 Apr 16 j 05:29	29°♓51'06	
	-2032 Apr 16 j 07:11	0°♈	
asc. node	-2032 Apr 21 j 00:31	10°♈07'07	
superior conj	-2032 Apr 23 j 07:34	15°♈08'25	0°23'59
minimum elong	-2032 Apr 23 j 06:31	15°♈02'40	0°23'46
max. Earth dist.	-2032 Apr 23 j 07:47	15°♈09'41	1.32486 AU
evening rise	-2032 Apr 30 j 07:43	0°♉15'38	
	-2032 Apr 30 j 04:43	0°♉	
	-2032 May 16 j 16:55	0°♊	
evening max el	-2032 May 29 j 18:54	16°♊20'26	26°30'46
desc. node	-2032 Jun 01 j 02:06	18°♊23'44	
retrograde	-2032 Jun 12 j 19:48	23°♊37'00	
evening set	-2032 Jun 19 j 08:33	21°♊48'51	
min. Earth dist.	-2032 Jun 23 j 08:11	19°♊09'55	0.59880 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

inferior conj	-2032 Jun 26 j 16:39	16°♊29'19	-4°-31'-33
minimum elong	-2032 Jun 26 j 17:26	16°♊27'43	4°31'30
morning rise	-2032 Jul 04 j 05:42	11°♊51'32	
direct	-2032 Jul 06 j 17:01	11°♊29'10	
morning max el	-2032 Jul 14 j 05:03	15°♊06'39	18°16'39
asc. node	-2032 Jul 17 j 23:48	19°♊30'32	
	-2032 Jul 24 j 13:14	0°♋	
morning set	-2032 Jul 30 j 04:13	10°♋25'53	
superior conj	-2032 Aug 08 j 15:37	28°♋09'47	1°42'43
minimum elong	-2032 Aug 08 j 18:11	28°♋21'27	1°42'36
	-2032 Aug 09 j 15:56	0°♌	
max. Earth dist.	-2032 Aug 16 j 04:25	11°♌27'13	1.40795 AU
evening rise	-2032 Aug 21 j 02:06	19°♌39'23	
	-2032 Aug 27 j 13:32	0°♍	
desc. node	-2032 Aug 28 j 01:29	0°♍46'25	
	-2032 Sep 17 j 14:55	0°♎	
greatest brilliancy	-2032 Sep 18 j 17:44	1°♎22'56	-0.2m
evening max el	-2032 Sep 24 j 06:38	7°♎36'19	23°08'11
retrograde	-2032 Oct 04 j 11:32	13°♎38'49	
evening set	-2032 Oct 09 j 07:29	11°♎40'13	
asc. node	-2032 Oct 13 j 22:57	6°♎18'32	
inferior conj	-2032 Oct 14 j 16:26	5°♎18'34	0°15'03
minimum elong	-2032 Oct 14 j 16:04	5°♎19'47	0°14'54
transit middle	-2032 Oct 14 j 16:04	5°♎19'47	0°14'54
transit begin	-2032 Oct 14 j 14:58	5°♎23'36	
transit end	-2032 Oct 14 j 17:11	5°♎15'59	
min. Earth dist.	-2032 Oct 14 j 09:47	5°♎41'24	0.67535 AU
	-2032 Oct 18 j 23:55	30°℞♍	
morning rise	-2032 Oct 20 j 00:40	29°♍05'36	
direct	-2032 Oct 24 j 06:14	27°♍26'43	
	-2032 Oct 30 j 04:04	0°♎	
morning max el	-2032 Nov 02 j 02:08	2°♎38'51	21°33'52
greatest brilliancy	-2032 Nov 07 j 03:37	8°♎26'51	-0.4m
	-2032 Nov 22 j 12:34	0°♏	
desc. node	-2032 Nov 24 j 00:57	2°♏16'26	
morning set	-2032 Dec 03 j 13:03	16°♏57'06	
max. Earth dist.	-2032 Dec 10 j 13:57	28°♏19'38	1.41917 AU
	-2032 Dec 11 j 14:11	0°♐	
superior conj	-2032 Dec 18 j 01:42	11°♐00'13	-1°-56'-8
minimum elong	-2032 Dec 17 j 23:20	10°♐50'01	1°56'07
	-2032 Dec 28 j 16:27	0°♑	
evening rise	-2032 Dec 29 j 01:32	0°♑41'28	
asc. node	-2031 Jan 09 j 22:11	21°♑07'02	
evening max el	-2031 Jan 14 j 13:05	26°♑51'05	18°09'47
	-2031 Jan 19 j 07:38	0°♒	
retrograde	-2031 Jan 21 j 08:32	0°♒18'59	
	-2031 Jan 23 j 10:10	30°℞♑	
evening set	-2031 Jan 23 j 23:09	29°♑48'59	
inferior conj	-2031 Jan 30 j 18:37	24°♑53'57	3°55'10
minimum elong	-2031 Jan 30 j 19:25	24°♑52'05	3°55'06
min. Earth dist.	-2031 Feb 02 j 23:26	21°♑56'33	0.60788 AU
morning rise	-2031 Feb 06 j 12:58	19°♑10'15	
direct	-2031 Feb 13 j 08:48	16°♑56'08	
desc. node	-2031 Feb 20 j 00:07	18°♑49'56	
morning max el	-2031 Feb 27 j 12:43	24°♑40'41	27°32'48
	-2031 Mar 04 j 09:52	0°♒	
	-2031 Mar 24 j 01:36	0°♓	
morning set	-2031 Mar 31 j 12:48	14°♓34'50	
max. Earth dist.	-2031 Apr 06 j 20:29	28°♓02'45	1.32523 AU
superior conj	-2031 Apr 07 j 18:54	0°♈05'08	0°-1'-9
minimum elong	-2031 Apr 07 j 18:57	0°♈05'25	0°01'10
behind sun begin	-2031 Apr 07 j 13:56	29°♓37'55	
behind sun end	-2031 Apr 07 j 23:59	0°♈32'56	
asc. node	-2031 Apr 07 j 21:33	0°♈19'36	
	-2031 Apr 07 j 17:58	0°♈	
evening rise	-2031 Apr 14 j 18:22	15°♈11'31	
	-2031 Apr 22 j 05:10	0°♉	
evening max el	-2031 May 11 j 14:09	27°♉33'51	25°18'20
	-2031 May 14 j 08:34	0°♊	
desc. node	-2031 May 18 j 23:09	3°♊00'59	
retrograde	-2031 May 25 j 15:10	4°♊43'40	
evening set	-2031 May 31 j 02:18	3°♊34'10	
min. Earth dist.	-2031 Jun 05 j 02:07	0°♊47'36	0.57873 AU
	-2031 Jun 06 j 06:10	30°℞♉	
inferior conj	-2031 Jun 08 j 05:58	28°♉36'42	-4°-20'-57
minimum elong	-2031 Jun 08 j 02:46	28°♉42'17	4°20'36
morning rise	-2031 Jun 16 j 07:10	24°♉21'02	
direct	-2031 Jun 18 j 19:28	24°♉01'50	
morning max el	-2031 Jun 27 j 09:05	28°♉02'47	18°56'38
	-2031 Jun 29 j 06:24	0°♊	
asc. node	-2031 Jul 04 j 20:51	7°♊45'37	
morning set	-2031 Jul 13 j 23:38	24°♊29'18	
	-2031 Jul 16 j 18:47	0°♋	
superior conj	-2031 Jul 22 j 12:47	11°♋12'06	1°48'19
minimum elong	-2031 Jul 22 j 13:01	11°♋13'13	1°48'22
max. Earth dist.	-2031 Jul 29 j 07:20	23°♋45'56	1.38808 AU
	-2031 Aug 01 j 20:12	0°♌	
evening rise	-2031 Aug 02 j 06:06	0°♌42'42	
desc. node	-2031 Aug 14 j 22:28	21°♌14'28	
	-2031 Aug 20 j 21:07	0°♍	
evening max el	-2031 Sep 06 j 18:36	21°♍07'36	24°28'04
retrograde	-2031 Sep 18 j 01:35	27°♍44'09	
evening set	-2031 Sep 23 j 12:20	25°♍26'41	
min. Earth dist.	-2031 Sep 28 j 05:16	20°♍02'07	0.67313 AU
inferior conj	-2031 Sep 28 j 22:22	19°♍04'49	0°-39'-11
minimum elong	-2031 Sep 28 j 23:19	19°♍01'38	0°38'47
asc. node	-2031 Sep 30 j 20:01	16°♍35'46	
morning rise	-2031 Oct 04 j 10:37	12°♍57'47	
direct	-2031 Oct 08 j 03:22	11°♍39'20	
morning max el	-2031 Oct 15 j 23:49	16°♍12'28	20°19'37
greatest brilliancy	-2031 Oct 22 j 15:48	24°♍15'35	-0.6m
	-2031 Oct 26 j 18:34	0°♎	
desc. node	-2031 Nov 10 j 21:57	22°♎43'22	
morning set	-2031 Nov 12 j 11:28	25°♎08'16	
	-2031 Nov 15 j 14:29	0°♏	
max. Earth dist.	-2031 Nov 22 j 22:44	11°♏37'39	1.43547 AU
superior conj	-2031 Nov 28 j 18:38	21°♏06'34	-1°-39'-20
minimum elong	-2031 Nov 28 j 12:07	20°♏39'46	1°38'51
	-2031 Dec 04 j 02:19	0°♐	
evening rise	-2031 Dec 11 j 12:02	12°♐43'59	
	-2031 Dec 21 j 15:01	0°♑	
asc. node	-2031 Dec 27 j 19:14	8°♑42'13	
evening max el	-2031 Dec 29 j 01:13	10°♑03'12	18°10'36
retrograde	-2030 Jan 04 j 13:57	13°♑31'15	
evening set	-2030 Jan 07 j 08:09	12°♑52'51	
inferior conj	-2030 Jan 13 j 16:22	7°♑36'46	3°53'33
minimum elong	-2030 Jan 13 j 15:03	7°♑40'16	3°53'24
min. Earth dist.	-2030 Jan 16 j 08:36	4°♑48'01	0.62742 AU
morning rise	-2030 Jan 19 j 20:01	1°♑40'10	
	-2030 Jan 22 j 13:13	30°℞♐	
direct	-2030 Jan 26 j 20:44	29°♐00'19	
	-2030 Jan 31 j 10:32	0°♑	
desc. node	-2030 Feb 06 j 21:11	4°♑09'29	
morning max el	-2030 Feb 09 j 18:30	6°♑48'37	27°44'26
	-2030 Feb 27 j 11:39	0°♒	
morning set	-2030 Mar 15 j 14:39	28°♒59'07	
	-2030 Mar 16 j 02:41	0°♓	
max. Earth dist.	-2030 Mar 21 j 05:05	10°♓38'50	1.32924 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2030 Mar 23 j 04:13	14°♓52'04	0°-27'-4
minimum elong	-2030 Mar 23 j 05:28	14°♓58'50	0°26'49
asc. node	-2030 Mar 25 j 18:34	20°♓29'49	
evening rise	-2030 Mar 30 j 06:06	0°♈06'44	
	-2030 Mar 30 j 04:49	0°♈	
	-2030 Apr 16 j 02:42	0°♉	
evening max el	-2030 Apr 23 j 05:20	8°♉17'06	23°47'46
desc. node	-2030 May 05 j 20:13	15°♉06'46	
retrograde	-2030 May 06 j 22:46	15°♉09'33	
evening set	-2030 May 11 j 00:26	14°♉32'55	
min. Earth dist.	-2030 May 17 j 16:20	11°♉24'10	0.56208 AU
inferior conj	-2030 May 19 j 23:05	10°♉00'58	-3°-31'-28
minimum elong	-2030 May 19 j 16:42	10°♉10'42	3°30'01
morning rise	-2030 May 28 j 12:44	6°♉01'52	
direct	-2030 May 31 j 02:31	5°♉44'57	
morning max el	-2030 Jun 10 j 03:51	10°♉24'10	19°57'19
asc. node	-2030 Jun 21 j 17:53	26°♉39'03	
	-2030 Jun 23 j 13:19	0°♊	
morning set	-2030 Jun 28 j 02:29	8°♊56'40	
superior conj	-2030 Jul 06 j 00:14	24°♊58'41	1°44'56
minimum elong	-2030 Jul 05 j 22:48	24°♊51'28	1°44'55
	-2030 Jul 08 j 13:13	0°♋	
max. Earth dist.	-2030 Jul 11 j 11:04	5°♋36'14	1.36905 AU
evening rise	-2030 Jul 15 j 09:48	12°♋55'34	
	-2030 Jul 25 j 09:18	0°♌	
desc. node	-2030 Aug 01 j 19:29	11°♌26'48	
	-2030 Aug 15 j 20:06	0°♍	
evening max el	-2030 Aug 20 j 05:30	4°♍41'00	25°41'23
retrograde	-2030 Sep 01 j 11:19	11°♍43'05	
evening set	-2030 Sep 07 j 12:55	9°♍09'21	
min. Earth dist.	-2030 Sep 11 j 21:22	4°♍21'20	0.66764 AU
inferior conj	-2030 Sep 13 j 01:36	2°♍50'58	-1°-33'-39
minimum elong	-2030 Sep 13 j 03:52	2°♍43'41	1°32'44
	-2030 Sep 15 j 09:10	30°℞♌	
asc. node	-2030 Sep 17 j 17:04	27°♌40'47	
morning rise	-2030 Sep 18 j 19:31	26°♌52'49	
direct	-2030 Sep 22 j 01:36	25°♌51'38	
morning max el	-2030 Sep 29 j 04:49	29°♌54'47	19°18'47
	-2030 Sep 29 j 06:52	0°♍	
greatest brilliancy	-2030 Oct 09 j 10:00	13°♍21'17	-0.7m
	-2030 Oct 20 j 06:04	0°♎	
morning set	-2030 Oct 22 j 14:46	3°♎41'03	
desc. node	-2030 Oct 28 j 18:56	13°♎19'58	
max. Earth dist.	-2030 Nov 05 j 13:18	25°♎32'12	1.44590 AU
superior conj	-2030 Nov 08 j 09:13	0°♏01'16	-1°-4'-54
minimum elong	-2030 Nov 08 j 01:55	29°♎32'18	1°04'06
	-2030 Nov 08 j 08:54	0°♏	
evening rise	-2030 Nov 23 j 01:33	23°♏50'22	
	-2030 Nov 26 j 18:46	0°♐	
evening max el	-2030 Dec 12 j 13:29	23°♐24'17	18°30'09
asc. node	-2030 Dec 14 j 16:16	25°♐17'39	
retrograde	-2030 Dec 19 j 03:59	27°♐03'22	
evening set	-2030 Dec 22 j 02:43	26°♐15'19	
inferior conj	-2030 Dec 28 j 02:24	20°♐40'23	3°34'22
minimum elong	-2030 Dec 27 j 23:50	20°♐47'53	3°33'52
min. Earth dist.	-2030 Dec 30 j 03:42	18°♐16'45	0.64415 AU
morning rise	-2029 Jan 02 j 19:37	14°♐35'02	
direct	-2029 Jan 09 j 16:14	11°♐44'14	
morning max el	-2029 Jan 23 j 03:32	19°♐29'20	27°20'42
desc. node	-2029 Jan 24 j 18:14	21°♐09'01	
	-2029 Feb 01 j 03:54	0°♑	
	-2029 Feb 20 j 10:45	0°♒	
morning set	-2029 Feb 27 j 08:15	12°♒54'43	
max. Earth dist.	-2029 Mar 04 j 05:31	22°♒44'51	1.33729 AU
superior conj	-2029 Mar 07 j 09:38	29°♒23'08	0°-52'-43
minimum elong	-2029 Mar 07 j 12:02	29°♒35'48	0°52'18
	-2029 Mar 07 j 16:36	0°♓	
asc. node	-2029 Mar 12 j 15:36	10°♓33'46	
evening rise	-2029 Mar 14 j 17:08	14°♓55'04	
	-2029 Mar 22 j 09:08	0°♈	
evening max el	-2029 Apr 04 j 22:53	18°♈58'34	22°13'33
retrograde	-2029 Apr 17 j 18:24	25°♈14'20	
evening set	-2029 Apr 20 j 15:06	24°♈56'15	
desc. node	-2029 Apr 22 j 17:17	24°♈21'42	
inferior conj	-2029 Apr 29 j 23:43	20°♈48'06	-1°-59'-52
minimum elong	-2029 Apr 29 j 18:27	20°♈55'33	1°58'09
min. Earth dist.	-2029 Apr 29 j 06:00	21°♈13'09	0.55227 AU
morning rise	-2029 May 08 j 23:33	16°♈52'05	
direct	-2029 May 11 j 18:06	16°♈34'42	
morning max el	-2029 May 23 j 11:49	22°♈04'49	21°17'18
	-2029 May 30 j 05:17	0°♉	
asc. node	-2029 Jun 08 j 14:55	16°♉01'41	
morning set	-2029 Jun 12 j 10:22	23°♉41'43	
	-2029 Jun 15 j 11:02	0°♊	
superior conj	-2029 Jun 19 j 21:48	9°♊17'30	1°34'42
minimum elong	-2029 Jun 19 j 19:26	9°♊05'19	1°34'31
max. Earth dist.	-2029 Jun 23 j 21:51	17°♊26'36	1.35285 AU
evening rise	-2029 Jun 28 j 08:26	26°♊06'00	
	-2029 Jun 30 j 10:24	0°♋	
	-2029 Jul 18 j 18:54	0°♌	
desc. node	-2029 Jul 19 j 16:30	1°♌16'25	
evening max el	-2029 Aug 02 j 16:58	18°♌13'20	26°40'06
retrograde	-2029 Aug 15 j 16:05	25°♌29'41	
evening set	-2029 Aug 22 j 07:06	22°♌45'37	
min. Earth dist.	-2029 Aug 26 j 07:45	18°♌35'36	0.65872 AU
inferior conj	-2029 Aug 28 j 00:13	16°♌34'28	-2°-26'-26
minimum elong	-2029 Aug 28 j 03:39	16°♌24'08	2°25'12
morning rise	-2029 Sep 03 j 01:20	10°♌48'17	
asc. node	-2029 Sep 04 j 14:06	10°♌11'25	
direct	-2029 Sep 05 j 23:09	10°♌00'45	
morning max el	-2029 Sep 12 j 15:39	13°♌42'43	18°33'33
	-2029 Sep 24 j 08:56	0°♍	
morning set	-2029 Oct 02 j 17:57	13°♍26'49	
	-2029 Oct 13 j 02:32	0°♎	
desc. node	-2029 Oct 15 j 15:56	4°♎02'45	
superior conj	-2029 Oct 18 j 09:25	8°♎20'54	0°-17'-32
minimum elong	-2029 Oct 18 j 07:05	8°♎11'45	0°17'14
max. Earth dist.	-2029 Oct 19 j 07:02	9°♎45'59	1.44932 AU
	-2029 Nov 01 j 03:22	0°♏	
evening rise	-2029 Nov 03 j 14:54	3°♏55'36	
	-2029 Nov 20 j 11:30	0°♐	
evening max el	-2029 Nov 25 j 23:32	6°♐50'14	19°07'12
asc. node	-2029 Dec 01 j 13:18	10°♐38'30	
retrograde	-2029 Dec 02 j 22:57	10°♐49'31	
evening set	-2029 Dec 06 j 03:57	9°♐49'51	
inferior conj	-2029 Dec 11 j 21:20	3°♐58'47	3°02'53
minimum elong	-2029 Dec 11 j 18:21	4°♐08'12	3°02'04
min. Earth dist.	-2029 Dec 13 j 08:01	2°♐09'31	0.65730 AU
	-2029 Dec 15 j 03:24	30°℞♏	
morning rise	-2029 Dec 17 j 07:50	27°♏47'31	
direct	-2029 Dec 23 j 18:03	25°♏00'01	
	-2028 Jan 02 j 20:56	0°♐	
morning max el	-2028 Jan 05 j 13:02	2°♐30'22	26°27'22
desc. node	-2028 Jan 11 j 15:16	9°♐19'36	
	-2028 Jan 26 j 08:51	0°♑	
morning set	-2028 Feb 10 j 13:51	26°♑09'12	
	-2028 Feb 12 j 14:20	0°♒	
max. Earth dist.	-2028 Feb 14 j 18:36	4°♒14'48	1.34989 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2028 Feb 19 j 08:55	13°♒30'39	-1°-16'-50
minimum elong	-2028 Feb 19 j 12:10	13°♒47'19	1°16'23
evening rise	-2028 Feb 27 j 01:36	29°♒29'38	
	-2028 Feb 27 j 07:30	0°♓	
asc. node	-2028 Feb 27 j 12:38	0°♓26'21	
	-2028 Mar 16 j 23:29	0°♈	
evening max el	-2028 Mar 17 j 00:46	0°♈03'03	20°47'53
retrograde	-2028 Mar 28 j 07:28	5°♈27'20	
evening set	-2028 Mar 30 j 14:18	5°♈14'55	
inferior conj	-2028 Apr 08 j 18:30	1°♈17'35	0°-2'-55
minimum elong	-2028 Apr 08 j 18:22	1°♈17'47	0°02'54
transit middle	-2028 Apr 08 j 18:22	1°♈17'47	0°02'54
transit begin	-2028 Apr 08 j 14:22	1°♈23'31	
transit end	-2028 Apr 08 j 22:23	1°♈12'02	
desc. node	-2028 Apr 08 j 14:20	1°♈23'33	
min. Earth dist.	-2028 Apr 09 j 19:51	0°♈41'19	0.55164 AU
	-2028 Apr 11 j 01:12	30°℞♓	
morning rise	-2028 Apr 17 j 21:06	27°♓06'46	
direct	-2028 Apr 21 j 05:47	26°♓42'14	
	-2028 Apr 30 j 15:17	0°♈	
morning max el	-2028 May 04 j 09:30	3°♈04'32	22°52'07
	-2028 May 22 j 15:08	0°♉	
asc. node	-2028 May 25 j 11:58	5°♉45'05	
morning set	-2028 May 26 j 21:14	8°♉37'24	
superior conj	-2028 Jun 03 j 02:10	23°♉57'31	1°19'18
minimum elong	-2028 Jun 02 j 23:35	23°♉43'44	1°18'58
	-2028 Jun 05 j 22:58	0°♊	
max. Earth dist.	-2028 Jun 05 j 18:38	29°♉37'20	1.34031 AU
evening rise	-2028 Jun 10 j 20:54	9°♊58'36	
	-2028 Jun 21 j 20:11	0°♋	
desc. node	-2028 Jul 05 j 13:32	20°♋32'52	
	-2028 Jul 13 j 14:26	0°♌	
evening max el	-2028 Jul 15 j 04:36	1°♌34'53	27°16'34
retrograde	-2028 Jul 28 j 15:17	8°♌55'54	
evening set	-2028 Aug 04 j 16:10	6°♌10'45	
min. Earth dist.	-2028 Aug 08 j 10:09	2°♌37'50	0.64610 AU
inferior conj	-2028 Aug 10 j 15:55	0°♌10'26	-3°-15'-9
minimum elong	-2028 Aug 10 j 20:06	29°♋58'57	3°13'56
	-2028 Aug 10 j 19:43	30°℞♋	
morning rise	-2028 Aug 17 j 01:39	24°♋39'38	
direct	-2028 Aug 19 j 17:43	24°♋02'16	
asc. node	-2028 Aug 21 j 11:10	24°♋17'58	
morning max el	-2028 Aug 26 j 06:02	27°♋31'24	18°05'14
	-2028 Aug 28 j 10:53	0°♌	
morning set	-2028 Sep 13 j 01:09	24°♌34'07	
	-2028 Sep 16 j 06:48	0°♍	
superior conj	-2028 Sep 26 j 17:15	17°♍07'03	0°30'56
minimum elong	-2028 Sep 26 j 20:48	17°♍21'20	0°30'29
max. Earth dist.	-2028 Oct 01 j 01:17	24°♍02'18	1.44538 AU
desc. node	-2028 Oct 01 j 12:57	24°♍48'30	
	-2028 Oct 04 j 20:00	0°♎	
evening rise	-2028 Oct 13 j 06:17	13°♎07'17	
	-2028 Oct 24 j 06:50	0°♏	
greatest brilliancy	-2028 Nov 01 j 00:59	11°♏21'11	-0.6m
evening max el	-2028 Nov 08 j 05:18	20°♏18'00	20°00'03
retrograde	-2028 Nov 15 j 20:10	24°♏45'35	
asc. node	-2028 Nov 17 j 10:21	24°♏31'00	
evening set	-2028 Nov 19 j 09:24	23°♏32'02	
inferior conj	-2028 Nov 24 j 22:21	17°♏27'49	2°22'43
minimum elong	-2028 Nov 24 j 19:36	17°♏36'58	2°21'46
min. Earth dist.	-2028 Nov 25 j 19:50	16°♏16'24	0.66668 AU
morning rise	-2028 Nov 30 j 05:12	11°♏12'57	
direct	-2028 Dec 06 j 01:25	8°♏39'24	
morning max el	-2028 Dec 17 j 21:47	15°♏41'39	25°13'15
desc. node	-2028 Dec 28 j 12:19	28°♏20'26	
	-2028 Dec 29 j 17:49	0°♐	
	-2027 Jan 18 j 06:21	0°♑	
morning set	-2027 Jan 23 j 02:30	8°♑28'26	
max. Earth dist.	-2027 Jan 26 j 20:38	15°♑21'18	1.36691 AU
superior conj	-2027 Feb 01 j 23:12	27°♑06'32	-1°-37'-36
minimum elong	-2027 Feb 02 j 02:40	27°♑23'38	1°37'17
	-2027 Feb 03 j 10:07	0°♒	
evening rise	-2027 Feb 10 j 05:29	13°♒44'30	
asc. node	-2027 Feb 13 j 09:41	20°♒02'37	
	-2027 Feb 18 j 20:08	0°♓	
evening max el	-2027 Feb 27 j 13:25	11°♓43'08	19°38'17
retrograde	-2027 Mar 09 j 03:05	16°♓17'06	
evening set	-2027 Mar 11 j 08:37	16°♓03'20	
inferior conj	-2027 Mar 19 j 21:49	11°♓59'19	1°46'25
minimum elong	-2027 Mar 20 j 01:53	11°♓52'52	1°45'08
min. Earth dist.	-2027 Mar 22 j 10:10	10°♓24'03	0.56029 AU
desc. node	-2027 Mar 26 j 11:24	8°♓10'53	
morning rise	-2027 Mar 28 j 15:43	7°♓19'48	
direct	-2027 Apr 02 j 01:05	6°♓36'39	
morning max el	-2027 Apr 16 j 01:01	13°♓39'19	24°32'06
	-2027 Apr 28 j 18:03	0°♈	
morning set	-2027 May 11 j 09:21	23°♈38'03	
asc. node	-2027 May 12 j 09:03	25°♈43'14	
	-2027 May 14 j 09:00	0°♉	
superior conj	-2027 May 18 j 10:56	8°♉50'54	1°00'00
minimum elong	-2027 May 18 j 08:39	8°♉38'29	0°59'36
max. Earth dist.	-2027 May 20 j 00:15	12°♉12'25	1.33150 AU
evening rise	-2027 May 25 j 19:11	24°♉21'05	
	-2027 May 28 j 15:15	0°♊	
	-2027 Jun 15 j 11:08	0°♋	
desc. node	-2027 Jun 22 j 10:34	9°♋02'15	
evening max el	-2027 Jun 27 j 14:18	14°♋32'27	27°24'18
retrograde	-2027 Jul 11 j 08:13	21°♋53'09	
evening set	-2027 Jul 18 j 12:40	19°♋19'15	
min. Earth dist.	-2027 Jul 22 j 02:45	16°♋17'53	0.62985 AU
inferior conj	-2027 Jul 24 j 21:57	13°♋32'47	-3°-56'-18
minimum elong	-2027 Jul 25 j 02:00	13°♋22'47	3°55'28
morning rise	-2027 Jul 31 j 17:33	8°♋20'47	
direct	-2027 Aug 03 j 06:12	7°♋50'49	
asc. node	-2027 Aug 08 j 08:15	9°♋53'13	
morning max el	-2027 Aug 09 j 21:17	11°♋15'22	17°54'46
	-2027 Aug 22 j 11:13	0°♌	
morning set	-2027 Aug 26 j 08:00	6°♌48'51	
superior conj	-2027 Sep 07 j 01:18	27°♌05'42	1°09'36
minimum elong	-2027 Sep 07 j 06:44	27°♌28'25	1°09'00
	-2027 Sep 08 j 19:05	0°♍	
max. Earth dist.	-2027 Sep 13 j 16:39	8°♍01'21	1.43468 AU
desc. node	-2027 Sep 18 j 09:57	15°♍33'41	
evening rise	-2027 Sep 22 j 11:40	21°♍55'54	
	-2027 Sep 27 j 17:49	0°♎	
greatest brilliancy	-2027 Oct 16 j 19:51	27°♎26'16	-0.5m
	-2027 Oct 18 j 21:10	0°♏	
evening max el	-2027 Oct 22 j 05:15	3°♏44'50	21°06'15
retrograde	-2027 Oct 30 j 17:22	8°♏47'32	
evening set	-2027 Nov 03 j 16:58	7°♏17'46	
asc. node	-2027 Nov 04 j 07:25	6°♏48'21	
inferior conj	-2027 Nov 09 j 03:09	1°♏03'44	1°36'18
minimum elong	-2027 Nov 09 j 01:05	1°♏10'48	1°35'30
min. Earth dist.	-2027 Nov 09 j 12:56	0°♏30'10	0.67253 AU
	-2027 Nov 09 j 21:46	30°℞♎	
morning rise	-2027 Nov 14 j 08:52	24°♎47'30	
direct	-2027 Nov 19 j 13:37	22°♎34'03	
morning max el	-2027 Nov 30 j 06:33	28°♎56'57	23°48'03
	-2027 Dec 01 j 06:56	0°♏	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2027 Dec 15 j 09:21	17°♏56'16		
	-2027 Dec 23 j 13:14	0°♐		
morning set	-2026 Jan 04 j 16:00	19°♐35'15		
max. Earth dist.	-2026 Jan 08 j 16:34	26°♐34'29	1.38703 AU	
	-2026 Jan 10 j 14:37	0°♑		
superior conj	-2026 Jan 16 j 00:38	9°♑59'36	-1°-52'-36	
minimum elong	-2026 Jan 16 j 03:10	10°♑11'31	1°52'32	
evening rise	-2026 Jan 25 j 02:13	27°♑32'04		
	-2026 Jan 26 j 08:38	0°♒		
asc. node	-2026 Jan 31 j 06:44	9°♒15'57		
evening max el	-2026 Feb 10 j 12:02	23°♒58'16	18°48'06	
retrograde	-2026 Feb 18 j 15:28	27°♒54'29		
evening set	-2026 Feb 21 j 00:11	27°♒35'52		
inferior conj	-2026 Feb 28 j 19:35	23°♒14'42	3°03'59	
minimum elong	-2026 Mar 01 j 00:00	23°♒06'33	3°03'01	
min. Earth dist.	-2026 Mar 04 j 02:30	20°♒50'34	0.57614 AU	
morning rise	-2026 Mar 08 j 19:52	18°♒04'10		
desc. node	-2026 Mar 13 j 08:29	16°♒51'31		
direct	-2026 Mar 14 j 09:21	16°♒48'52		
morning max el	-2026 Mar 28 j 16:40	24°♒16'45	26°02'51	
	-2026 Apr 02 j 21:57	0°♓		
	-2026 Apr 21 j 15:15	0°♈		
morning set	-2026 Apr 25 j 21:01	8°♈37'36		
asc. node	-2026 Apr 29 j 06:07	15°♈50'44		
superior conj	-2026 May 02 j 22:05	23°♈50'52	0°37'46	
minimum elong	-2026 May 02 j 20:30	23°♈42'10	0°37'28	
max. Earth dist.	-2026 May 03 j 11:29	25°♈04'07	1.32624 AU	
	-2026 May 05 j 17:50	0°♉		
evening rise	-2026 May 10 j 00:09	9°♉03'15		
	-2026 May 21 j 00:27	0°♊		
desc. node	-2026 Jun 09 j 07:36	26°♊25'00		
evening max el	-2026 Jun 09 j 19:30	26°♊53'44	26°59'35	
	-2026 Jun 13 j 10:10	0°♋		
retrograde	-2026 Jun 23 j 18:25	4°♋12'48		
evening set	-2026 Jun 30 j 16:31	2°♋04'08		
	-2026 Jul 03 j 14:33	30°℞♊		
min. Earth dist.	-2026 Jul 04 j 09:10	29°♊22'08	0.61058 AU	
inferior conj	-2026 Jul 07 j 15:01	26°♊33'54	-4°-24'-25	
minimum elong	-2026 Jul 07 j 17:31	26°♊28'28	4°24'09	
morning rise	-2026 Jul 14 j 21:30	21°♊43'34		
direct	-2026 Jul 17 j 08:49	21°♊18'54		
morning max el	-2026 Jul 24 j 10:36	24°♊48'24	18°03'04	
asc. node	-2026 Jul 26 j 05:21	26°♊42'52		
	-2026 Jul 28 j 18:02	0°♋		
morning set	-2026 Aug 09 j 08:45	19°♋55'42		
	-2026 Aug 14 j 20:00	0°♌		
superior conj	-2026 Aug 19 j 12:53	8°♌26'41	1°34'25	
minimum elong	-2026 Aug 19 j 16:51	8°♌44'10	1°34'08	
max. Earth dist.	-2026 Aug 27 j 02:29	21°♌25'48	1.41865 AU	
	-2026 Sep 01 j 08:12	0°♍		
evening rise	-2026 Sep 02 j 02:07	1°♍11'43		
desc. node	-2026 Sep 05 j 06:58	6°♍15'28		
	-2026 Sep 21 j 06:19	0°♎		
greatest brilliancy	-2026 Sep 30 j 05:26	11°♎51'32	-0.3m	
evening max el	-2026 Oct 04 j 23:14	17°♎11'40	22°22'07	
retrograde	-2026 Oct 14 j 12:52	22°♎53'04		
evening set	-2026 Oct 19 j 00:50	21°♎05'16		
asc. node	-2026 Oct 22 j 04:29	17°♎44'26		
inferior conj	-2026 Oct 24 j 09:48	14°♎45'05	0°45'36	
minimum elong	-2026 Oct 24 j 08:45	14°♎48'41	0°45'08	
min. Earth dist.	-2026 Oct 24 j 08:59	14°♎47'53	0.67517 AU	
morning rise	-2026 Oct 29 j 16:32	8°♎30'01		
direct	-2026 Nov 03 j 06:08	6°♎38'43		
morning max el	-2026 Nov 12 j 18:04	12°♎16'52	22°21'16	
greatest brilliancy	-2026 Nov 17 j 10:14	17°♎32'29	-0.3m	
	-2026 Nov 26 j 18:40	0°♏		
desc. node	-2026 Dec 02 j 06:23	7°♏57'15		
morning set	-2026 Dec 16 j 01:04	29°♏18'10		
	-2026 Dec 16 j 11:22	0°♐		
max. Earth dist.	-2026 Dec 21 j 13:42	8°♐26'30	1.40789 AU	
superior conj	-2026 Dec 29 j 08:20	21°♐57'37	-1°-58'-30	
minimum elong	-2026 Dec 29 j 08:15	21°♐57'16	1°58'33	
	-2025 Jan 02 j 18:26	0°♑		
evening rise	-2025 Jan 08 j 12:43	10°♑45'01		
asc. node	-2025 Jan 18 j 03:46	27°♑59'01		
	-2025 Jan 19 j 10:51	0°♒		
evening max el	-2025 Jan 24 j 18:16	6°♒42'17	18°18'04	
retrograde	-2025 Jan 31 j 22:18	10°♒16'18		
evening set	-2025 Feb 03 j 10:46	9°♒50'53		
inferior conj	-2025 Feb 10 j 14:08	5°♒08'44	3°45'22	
minimum elong	-2025 Feb 10 j 16:25	5°♒03'50	3°45'05	
min. Earth dist.	-2025 Feb 13 j 23:19	2°♒16'03	0.59597 AU	
	-2025 Feb 17 j 01:50	30°℞♑		
morning rise	-2025 Feb 17 j 18:43	29°♑34'33		
direct	-2025 Feb 24 j 06:31	27°♑40'27		
desc. node	-2025 Feb 28 j 05:34	28°♑20'52		
	-2025 Mar 03 j 18:51	0°♒		
morning max el	-2025 Mar 10 j 13:05	5°♒21'53	27°09'27	
	-2025 Mar 28 j 19:22	0°♓		
morning set	-2025 Apr 10 j 06:27	23°♓29'16		
	-2025 Apr 13 j 08:18	0°♈		
asc. node	-2025 Apr 16 j 03:09	6°♈02'41		
superior conj	-2025 Apr 17 j 09:51	8°♈50'45	0°13'28	
minimum elong	-2025 Apr 17 j 09:15	8°♈47'27	0°13'21	
behind sun begin	-2025 Apr 17 j 06:33	8°♈32'42		
behind sun end	-2025 Apr 17 j 11:56	9°♈02'12		
max. Earth dist.	-2025 Apr 17 j 00:36	8°♈00'06	1.32453 AU	
evening rise	-2025 Apr 24 j 09:19	23°♈56'19		
	-2025 Apr 27 j 07:59	0°♉		
	-2025 May 15 j 06:39	0°♊		
evening max el	-2025 May 22 j 18:21	8°♊31'20	26°02'58	
desc. node	-2025 May 27 j 04:40	12°♊12'47		
retrograde	-2025 Jun 05 j 20:13	15°♊46'40		
evening set	-2025 Jun 11 j 23:24	14°♊14'40		
min. Earth dist.	-2025 Jun 16 j 07:04	11°♊34'31	0.59001 AU	
inferior conj	-2025 Jun 19 j 15:25	9°♊03'40	-4°-31'-8	
minimum elong	-2025 Jun 19 j 14:37	9°♊05'11	4°31'06	
morning rise	-2025 Jun 27 j 09:36	4°♊35'48		
direct	-2025 Jun 29 j 21:03	4°♊15'03		
morning max el	-2025 Jul 07 j 18:56	8°♊00'58	18°31'08	
asc. node	-2025 Jul 13 j 02:25	14°♊30'43		
	-2025 Jul 22 j 00:18	0°♋		
morning set	-2025 Jul 23 j 22:28	3°♋41'07		
superior conj	-2025 Aug 01 j 23:28	20°♋56'32	1°46'20	
minimum elong	-2025 Aug 02 j 00:59	21°♋03'36	1°46'20	
	-2025 Aug 06 j 22:51	0°♌		
max. Earth dist.	-2025 Aug 09 j 06:37	4°♌05'34	1.39951 AU	
evening rise	-2025 Aug 13 j 15:17	11°♌32'19		
desc. node	-2025 Aug 23 j 03:58	26°♌49'38		
	-2025 Aug 25 j 05:53	0°♍		
	-2025 Sep 16 j 20:47	0°♎		
evening max el	-2025 Sep 17 j 12:42	0°♎40'24	23°42'30	
retrograde	-2025 Sep 28 j 05:14	6°♎58'52		
evening set	-2025 Oct 03 j 07:16	4°♎52'14		
	-2025 Oct 07 j 13:57	30°℞♍		
min. Earth dist.	-2025 Oct 08 j 05:27	29°♍07'25	0.67474 AU	
inferior conj	-2025 Oct 08 j 16:29	28°♍29'49	0°-7'-48	
minimum elong	-2025 Oct 08 j 16:40	28°♍29'11	0°07'45	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

transit middle	-2025 Oct 08 j 16:40	28°♍29'11	0°07'45
transit begin	-2025 Oct 08 j 14:16	28°♍37'21	
transit end	-2025 Oct 08 j 19:03	28°♍21'02	
asc. node	-2025 Oct 09 j 01:33	27°♍58'55	
morning rise	-2025 Oct 14 j 02:11	22°♍18'45	
direct	-2025 Oct 18 j 02:00	20°♍48'54	
morning max el	-2025 Oct 26 j 11:23	25°♍44'00	21°00'45
	-2025 Oct 30 j 06:15	0°♎	
greatest brilliancy	-2025 Nov 01 j 02:31	2°♎18'54	-0.5m
desc. node	-2025 Nov 19 j 03:24	28°♎16'01	
	-2025 Nov 20 j 06:38	0°♏	
morning set	-2025 Nov 25 j 07:40	7°♏48'04	
max. Earth dist.	-2025 Dec 03 j 17:19	21°♏12'02	1.42663 AU
	-2025 Dec 09 j 01:02	0°♐	
superior conj	-2025 Dec 10 j 16:43	2°♐47'30	-1°-51'-8
minimum elong	-2025 Dec 10 j 12:30	2°♐29'37	1°50'58
evening rise	-2025 Dec 22 j 09:10	23°♐15'14	
	-2025 Dec 26 j 03:44	0°♑	
asc. node	-2024 Jan 05 j 00:47	16°♑02'22	
evening max el	-2024 Jan 08 j 05:08	19°♑46'48	18°07'54
retrograde	-2024 Jan 14 j 20:38	23°♑13'08	
evening set	-2024 Jan 17 j 12:41	22°♑39'44	
inferior conj	-2024 Jan 24 j 03:03	17°♑35'56	3°57'02
minimum elong	-2024 Jan 24 j 02:51	17°♑36'25	3°56'59
min. Earth dist.	-2024 Jan 27 j 03:15	14°♑39'26	0.61641 AU
morning rise	-2024 Jan 30 j 14:37	11°♑46'12	
direct	-2024 Feb 06 j 13:58	9°♑19'04	
desc. node	-2024 Feb 15 j 02:37	12°♑26'35	
morning max el	-2024 Feb 20 j 15:34	17°♑06'23	27°42'14
	-2024 Mar 02 j 09:07	0°♒	
	-2024 Mar 20 j 09:58	0°♓	
morning set	-2024 Mar 24 j 11:45	8°♓06'09	
max. Earth dist.	-2024 Mar 30 j 11:53	20°♓47'19	1.32643 AU
superior conj	-2024 Mar 31 j 20:34	23°♓44'45	0°-12'-6
minimum elong	-2024 Mar 31 j 21:08	23°♓47'47	0°11'59
behind sun begin	-2024 Mar 31 j 17:46	23°♓29'31	
behind sun end	-2024 Apr 01 j 00:29	24°♓06'03	
asc. node	-2024 Apr 02 j 00:10	26°♓15'06	
	-2024 Apr 03 j 17:26	0°♈	
evening rise	-2024 Apr 07 j 20:39	8°♈53'12	
	-2024 Apr 18 j 21:02	0°♉	
evening max el	-2024 May 03 j 11:29	19°♉30'20	24°41'18
desc. node	-2024 May 13 j 01:42	25°♉50'14	
retrograde	-2024 May 17 j 10:56	26°♉34'29	
evening set	-2024 May 22 j 07:57	25°♉40'40	
min. Earth dist.	-2024 May 27 j 23:22	22°♉45'53	0.57105 AU
inferior conj	-2024 May 30 j 20:12	20°♉53'37	-4°-5'-17
minimum elong	-2024 May 30 j 15:20	21°♉01'37	4°04'31
morning rise	-2024 Jun 08 j 02:42	16°♉45'41	
direct	-2024 Jun 10 j 15:24	16°♉27'39	
morning max el	-2024 Jun 19 j 19:19	20°♉43'32	19°19'48
	-2024 Jun 27 j 02:41	0°♊	
asc. node	-2024 Jun 28 j 23:28	3°♊03'31	
morning set	-2024 Jul 06 j 21:24	17°♊55'35	
	-2024 Jul 12 j 22:35	0°♋	
superior conj	-2024 Jul 15 j 03:18	4°♋19'03	1°47'50
minimum elong	-2024 Jul 15 j 02:43	4°♋16'15	1°47'52
max. Earth dist.	-2024 Jul 21 j 08:57	16°♋08'23	1.37983 AU
evening rise	-2024 Jul 25 j 05:57	23°♋06'44	
	-2024 Jul 29 j 05:51	0°♌	
desc. node	-2024 Aug 09 j 00:59	17°♌11'31	
	-2024 Aug 18 j 00:53	0°♍	
evening max el	-2024 Aug 30 j 00:07	14°♍13'03	25°00'36
retrograde	-2024 Sep 10 j 17:28	21°♍01'26	
evening set	-2024 Sep 16 j 10:30	18°♍36'53	
min. Earth dist.	-2024 Sep 20 j 23:52	13°♍27'20	0.67121 AU
inferior conj	-2024 Sep 21 j 21:29	12°♍16'06	-1°-2'-22
minimum elong	-2024 Sep 21 j 23:00	12°♍11'07	1°01'44
asc. node	-2024 Sep 24 j 22:36	8°♍29'49	
morning rise	-2024 Sep 27 j 11:55	6°♍12'13	
direct	-2024 Sep 30 j 23:55	5°♍01'22	
morning max el	-2024 Oct 08 j 12:07	9°♍20'33	19°51'50
greatest brilliancy	-2024 Oct 16 j 05:49	18°♍58'56	-0.6m
	-2024 Oct 23 j 18:25	0°♎	
morning set	-2024 Nov 03 j 04:58	15°♎58'46	
desc. node	-2024 Nov 05 j 00:24	18°♎47'08	
	-2024 Nov 12 j 04:21	0°♏	
max. Earth dist.	-2024 Nov 15 j 04:44	4°♏46'56	1.44071 AU
superior conj	-2024 Nov 19 j 21:55	12°♏21'13	-1°-26'-48
minimum elong	-2024 Nov 19 j 14:23	11°♏50'47	1°26'07
	-2024 Nov 30 j 13:51	0°♐	
evening rise	-2024 Dec 03 j 11:10	4°♐53'58	
	-2024 Dec 19 j 02:21	0°♑	
evening max el	-2024 Dec 21 j 17:42	3°♑03'18	18°16'47
asc. node	-2024 Dec 21 j 21:49	3°♑13'39	
retrograde	-2024 Dec 28 j 06:04	6°♑34'28	
evening set	-2024 Dec 31 j 02:09	5°♑52'00	
inferior conj	-2023 Jan 06 j 06:25	0°♑27'40	3°47'11
minimum elong	-2023 Jan 06 j 04:27	0°♑33'06	3°46'54
	-2023 Jan 06 j 16:25	30°℞♐	
min. Earth dist.	-2023 Jan 08 j 16:24	27°♐48'11	0.63495 AU
morning rise	-2023 Jan 12 j 05:10	24°♐27'18	
direct	-2023 Jan 19 j 05:15	21°♐40'55	
desc. node	-2023 Jan 31 j 23:39	28°♐32'09	
morning max el	-2023 Feb 01 j 22:47	29°♐28'13	27°38'29
	-2023 Feb 02 j 11:27	0°♑	
	-2023 Feb 24 j 06:36	0°♒	
morning set	-2023 Mar 08 j 10:27	22°♒18'59	
	-2023 Mar 12 j 04:53	0°♓	
max. Earth dist.	-2023 Mar 13 j 17:28	3°♓11'37	1.33216 AU
superior conj	-2023 Mar 16 j 04:28	8°♓25'32	0°-38'-2
minimum elong	-2023 Mar 16 j 06:13	8°♓34'56	0°37'42
asc. node	-2023 Mar 19 j 21:11	16°♓23'03	
evening rise	-2023 Mar 23 j 08:18	23°♓46'12	
	-2023 Mar 26 j 08:47	0°♈	
	-2023 Apr 14 j 23:03	0°♉	
evening max el	-2023 Apr 15 j 02:58	0°♉09'27	23°07'21
retrograde	-2023 Apr 28 j 12:43	6°♉47'53	
desc. node	-2023 Apr 29 j 22:44	6°♉43'25	
evening set	-2023 May 02 j 00:52	6°♉21'00	
min. Earth dist.	-2023 May 09 j 12:57	2°♉59'30	0.55699 AU
inferior conj	-2023 May 11 j 05:27	2°♉00'28	-2°-57'-23
minimum elong	-2023 May 10 j 22:53	2°♉10'04	2°55'34
	-2023 May 14 j 20:03	30°℞♈	
morning rise	-2023 May 19 j 23:56	28°♈04'34	
direct	-2023 May 22 j 15:21	27°♈47'46	
	-2023 May 29 j 19:05	0°♉	
morning max el	-2023 Jun 02 j 09:26	2°♉47'20	20°29'02
asc. node	-2023 Jun 15 j 20:31	22°♉10'23	
	-2023 Jun 19 j 20:49	0°♊	
morning set	-2023 Jun 21 j 02:41	2°♊31'21	
superior conj	-2023 Jun 28 j 19:29	18°♊20'26	1°41'19
minimum elong	-2023 Jun 28 j 17:34	18°♊10'41	1°41'14
max. Earth dist.	-2023 Jul 03 j 15:31	27°♊57'06	1.36183 AU
	-2023 Jul 04 j 16:59	0°♋	
evening rise	-2023 Jul 07 j 18:22	5°♋45'45	
	-2023 Jul 22 j 01:36	0°♌	
desc. node	-2023 Jul 26 j 21:59	7°♌15'10	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening max el	-2023 Aug 12 j 11:24	27°♌47'33	26°08'37
	-2023 Aug 14 j 21:13	0°♍	
retrograde	-2023 Aug 25 j 00:58	4°♍56'06	
evening set	-2023 Aug 31 j 08:40	2°♍17'09	
	-2023 Sep 02 j 16:10	30°℞♌	
min. Earth dist.	-2023 Sep 04 j 13:47	27°♌45'18	0.66433 AU
inferior conj	-2023 Sep 05 j 23:01	26°♌01'42	-1°-56'-22
minimum elong	-2023 Sep 06 j 01:49	25°♌52'58	1°55'17
morning rise	-2023 Sep 11 j 19:49	20°♌08'17	
asc. node	-2023 Sep 11 j 19:39	20°♌08'31	
direct	-2023 Sep 14 j 22:12	19°♌13'12	
morning max el	-2023 Sep 21 j 19:52	23°♌05'51	18°57'34
	-2023 Sep 27 j 10:27	0°♍	
morning set	-2023 Oct 13 j 17:09	24°♍59'52	
	-2023 Oct 16 j 21:17	0°♎	
desc. node	-2023 Oct 22 j 21:24	9°♎26'57	
max. Earth dist.	-2023 Oct 28 j 21:46	18°♎54'45	1.44829 AU
superior conj	-2023 Oct 30 j 04:07	20°♎54'20	0°-45'-47
minimum elong	-2023 Oct 29 j 22:21	20°♎31'37	0°45'05
	-2023 Nov 04 j 21:55	0°♏	
evening rise	-2023 Nov 14 j 14:41	15°♏35'01	
	-2023 Nov 23 j 12:23	0°♐	
evening max el	-2023 Dec 05 j 05:20	16°♐26'52	18°43'49
asc. node	-2023 Dec 08 j 18:51	19°♐19'17	
retrograde	-2023 Dec 11 j 22:39	20°♐13'22	
evening set	-2023 Dec 14 j 23:54	19°♐20'28	
inferior conj	-2023 Dec 20 j 20:38	13°♐38'03	3°22'15
minimum elong	-2023 Dec 20 j 17:47	13°♐46'38	3°21'36
min. Earth dist.	-2023 Dec 22 j 15:27	11°♐28'39	0.65020 AU
morning rise	-2023 Dec 26 j 10:35	7°♐29'58	
direct	-2022 Jan 02 j 03:18	4°♐39'23	
morning max el	-2022 Jan 15 j 08:24	12°♐19'06	27°01'15
desc. node	-2022 Jan 18 j 20:42	16°♐04'39	
	-2022 Jan 29 j 13:56	0°♑	
	-2022 Feb 16 j 19:40	0°♒	
morning set	-2022 Feb 19 j 23:26	5°♒57'58	
max. Earth dist.	-2022 Feb 24 j 13:34	15°♒02'48	1.34214 AU
superior conj	-2022 Feb 28 j 07:33	22°♒46'49	-1°-3'-13
minimum elong	-2022 Feb 28 j 10:22	23°♒01'31	1°02'46
	-2022 Mar 03 j 17:46	0°♓	
asc. node	-2022 Mar 06 j 18:13	6°♓22'18	
evening rise	-2022 Mar 07 j 18:29	8°♓29'05	
	-2022 Mar 19 j 07:42	0°♈	
evening max el	-2022 Mar 27 j 23:19	10°♈56'57	21°35'24
retrograde	-2022 Apr 09 j 04:20	16°♈52'05	
evening set	-2022 Apr 11 j 17:22	16°♈37'27	
desc. node	-2022 Apr 16 j 19:48	14°♈51'34	
inferior conj	-2022 Apr 21 j 01:47	12°♈35'43	-1°-11'-30
minimum elong	-2022 Apr 20 j 22:27	12°♈40'24	1°10'21
min. Earth dist.	-2022 Apr 21 j 02:15	12°♈35'05	0.55085 AU
morning rise	-2022 Apr 30 j 04:08	8°♈36'07	
direct	-2022 May 03 j 03:16	8°♈16'50	
morning max el	-2022 May 15 j 12:42	14°♈09'04	21°56'20
	-2022 May 27 j 10:34	0°♉	
asc. node	-2022 Jun 02 j 17:34	11°♉42'32	
morning set	-2022 Jun 05 j 12:04	17°♉21'38	
	-2022 Jun 11 j 12:05	0°♊	
superior conj	-2022 Jun 12 j 20:17	2°♊49'14	1°28'44
minimum elong	-2022 Jun 12 j 17:45	2°♊35'59	1°28'28
max. Earth dist.	-2022 Jun 16 j 06:36	9°♊55'10	1.34704 AU
evening rise	-2022 Jun 20 j 23:23	19°♊15'16	
	-2022 Jun 26 j 18:09	0°♋	
desc. node	-2022 Jul 13 j 19:01	26°♋52'05	
	-2022 Jul 16 j 03:17	0°♌	

evening max el	-2022 Jul 25 j 22:56	11°♌16'01	26°58'40
retrograde	-2022 Aug 08 j 03:21	18°♌35'15	
evening set	-2022 Aug 14 j 23:20	15°♌49'05	
min. Earth dist.	-2022 Aug 18 j 20:52	11°♌55'31	0.65384 AU
inferior conj	-2022 Aug 20 j 19:00	9°♌42'17	-2°-47'-48
minimum elong	-2022 Aug 20 j 22:50	9°♌31'11	2°46'31
morning rise	-2022 Aug 26 j 23:39	4°♌02'33	
direct	-2022 Aug 29 j 18:44	3°♌19'46	
asc. node	-2022 Aug 29 j 16:44	3°♌19'48	
morning max el	-2022 Sep 05 j 08:36	6°♌55'01	18°19'26
	-2022 Sep 21 j 02:15	0°♍	
morning set	-2022 Sep 24 j 08:25	5°♍20'56	
superior conj	-2022 Oct 09 j 04:45	29°♍17'11	0°03'42
minimum elong	-2022 Oct 09 j 05:13	29°♍19'03	0°03'39
behind sun begin	-2022 Oct 08 j 18:19	28°♍35'51	
behind sun end	-2022 Oct 09 j 16:07	0°♎02'11	
desc. node	-2022 Oct 09 j 18:26	0°♎11'18	
	-2022 Oct 09 j 15:34	0°♎	
max. Earth dist.	-2022 Oct 11 j 16:17	3°♎12'20	1.44852 AU
evening rise	-2022 Oct 25 j 17:58	25°♎15'21	
	-2022 Oct 28 j 18:48	0°♏	
greatest brilliancy	-2022 Nov 09 j 15:14	18°♏12'38	-0.7m
evening max el	-2022 Nov 18 j 13:41	29°♏53'03	19°27'49
	-2022 Nov 18 j 16:24	0°♐	
retrograde	-2022 Nov 25 j 19:02	4°♐03'52	
asc. node	-2022 Nov 25 j 15:54	4°♐03'46	
evening set	-2022 Nov 29 j 03:13	2°♐58'35	
	-2022 Dec 02 j 08:51	30°℞♏	
inferior conj	-2022 Dec 04 j 18:29	27°♏01'15	2°46'44
minimum elong	-2022 Dec 04 j 15:32	27°♏10'48	2°45'50
min. Earth dist.	-2022 Dec 05 j 23:18	25°♏28'00	0.66171 AU
morning rise	-2022 Dec 10 j 03:04	20°♏47'58	
direct	-2022 Dec 16 j 07:28	18°♏05'32	
morning max el	-2022 Dec 28 j 17:53	25°♏26'05	25°57'50
	-2021 Jan 01 j 22:36	0°♐	
desc. node	-2021 Jan 05 j 17:46	4°♐38'25	
	-2021 Jan 23 j 02:04	0°♑	
morning set	-2021 Feb 02 j 22:33	18°♑50'46	
max. Earth dist.	-2021 Feb 06 j 21:48	26°♑20'22	1.35659 AU
	-2021 Feb 08 j 18:55	0°♒	
superior conj	-2021 Feb 12 j 03:23	6°♒41'26	-1°-26'-11
minimum elong	-2021 Feb 12 j 06:49	6°♒58'51	1°25'47
evening rise	-2021 Feb 20 j 01:17	22°♒55'48	
asc. node	-2021 Feb 21 j 15:16	26°♒08'24	
	-2021 Feb 23 j 13:55	0°♓	
evening max el	-2021 Mar 10 j 05:37	22°♓15'27	20°16'04
retrograde	-2021 Mar 20 j 19:02	27°♓18'00	
evening set	-2021 Mar 22 j 23:59	27°♓05'43	
inferior conj	-2021 Mar 31 j 22:36	23°♓07'13	0°46'15
minimum elong	-2021 Apr 01 j 00:39	23°♓04'11	0°45'32
min. Earth dist.	-2021 Apr 02 j 16:26	22°♓05'12	0.55415 AU
desc. node	-2021 Apr 03 j 16:51	21°♓29'57	
morning rise	-2021 Apr 09 j 22:52	18°♓45'03	
direct	-2021 Apr 13 j 16:38	18°♓14'29	
morning max el	-2021 Apr 27 j 07:20	24°♓56'24	23°34'54
	-2021 May 01 j 23:20	0°♈	
	-2021 May 19 j 20:41	0°♉	
morning set	-2021 May 20 j 23:43	2°♉20'38	
asc. node	-2021 May 20 j 14:38	1°♉33'11	
superior conj	-2021 May 28 j 02:52	17°♉36'38	1°11'33
minimum elong	-2021 May 28 j 00:20	17°♉23'07	1°11'11
max. Earth dist.	-2021 May 30 j 07:17	22°♉16'08	1.33602 AU
	-2021 Jun 03 j 00:25	0°♊	
evening rise	-2021 Jun 04 j 16:30	3°♊22'27	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2021 Jun 19 j 13:04	0°♋	
desc. node	-2021 Jun 30 j 16:03	15°♋51'06	
evening max el	-2021 Jul 08 j 09:52	24°♋28'52	27°23'35
	-2021 Jul 15 j 14:44	0°♌	
retrograde	-2021 Jul 22 j 00:16	1°♌51'03	
	-2021 Jul 27 j 22:05	30°℞♋	
evening set	-2021 Jul 29 j 03:36	29°♋08'44	
min. Earth dist.	-2021 Aug 01 j 19:16	25°♋50'24	0.63963 AU
inferior conj	-2021 Aug 04 j 06:59	23°♋13'42	-3°-33'-49
minimum elong	-2021 Aug 04 j 11:15	23°♋02'29	3°32'43
morning rise	-2021 Aug 10 j 20:49	17°♋50'43	
direct	-2021 Aug 13 j 11:02	17°♋16'58	
asc. node	-2021 Aug 16 j 13:50	18°♋05'57	
morning max el	-2021 Aug 19 j 23:47	20°♋43'15	17°58'29
	-2021 Aug 26 j 23:43	0°♌	
morning set	-2021 Sep 06 j 02:23	16°♌58'52	
	-2021 Sep 13 j 18:07	0°♍	
superior conj	-2021 Sep 18 j 21:46	8°♍31'24	0°48'56
minimum elong	-2021 Sep 19 j 02:39	8°♍51'23	0°48'19
max. Earth dist.	-2021 Sep 24 j 09:07	17°♍21'28	1.44160 AU
desc. node	-2021 Sep 26 j 15:27	20°♍57'15	
	-2021 Oct 02 j 09:59	0°♎	
evening rise	-2021 Oct 05 j 02:57	4°♎11'24	
	-2021 Oct 22 j 07:20	0°♏	
greatest brilliancy	-2021 Oct 26 j 10:08	5°♏43'43	-0.5m
evening max el	-2021 Nov 01 j 17:02	13°♏20'09	20°26'46
retrograde	-2021 Nov 09 j 16:31	18°♏02'23	
asc. node	-2021 Nov 12 j 12:59	17°♏15'34	
evening set	-2021 Nov 13 j 09:48	16°♏42'25	
inferior conj	-2021 Nov 18 j 21:24	10°♏33'35	2°03'40
minimum elong	-2021 Nov 18 j 18:53	10°♏42'04	2°02'44
min. Earth dist.	-2021 Nov 19 j 13:48	9°♏38'08	0.66958 AU
morning rise	-2021 Nov 24 j 03:27	4°♏17'34	
direct	-2021 Nov 29 j 17:06	1°♏51'53	
morning max el	-2021 Dec 11 j 02:24	8°♏39'15	24°37'38
desc. node	-2021 Dec 23 j 14:48	23°♏55'32	
	-2021 Dec 27 j 21:59	0°♐	
	-2020 Jan 15 j 16:44	0°♑	
morning set	-2020 Jan 16 j 02:09	0°♑41'17	
max. Earth dist.	-2020 Jan 19 j 19:56	7°♑23'12	1.37512 AU
superior conj	-2020 Jan 26 j 12:43	20°♑00'19	-1°-44'-52
minimum elong	-2020 Jan 26 j 15:57	20°♑16'01	1°44'39
	-2020 Jan 31 j 14:23	0°♒	
evening rise	-2020 Feb 04 j 02:27	6°♒59'33	
asc. node	-2020 Feb 08 j 12:18	15°♒35'32	
	-2020 Feb 17 j 06:40	0°♓	
evening max el	-2020 Feb 20 j 22:49	4°♓11'18	19°14'35
retrograde	-2020 Feb 29 j 20:45	8°♓27'05	
evening set	-2020 Mar 03 j 03:21	8°♓11'40	
inferior conj	-2020 Mar 11 j 09:01	4°♓01'40	2°23'51
minimum elong	-2020 Mar 11 j 13:41	3°♓53'48	2°22'33
min. Earth dist.	-2020 Mar 14 j 07:41	2°♓03'22	0.56625 AU
	-2020 Mar 17 j 20:32	30°℞♒	
morning rise	-2020 Mar 19 j 20:04	29°♒08'14	
desc. node	-2020 Mar 20 j 13:56	28°♒52'51	
direct	-2020 Mar 24 j 17:42	28°♒12'36	
	-2020 Mar 31 j 13:48	0°♓	
morning max el	-2020 Apr 07 j 22:07	5°♓28'37	25°12'47
	-2020 Apr 25 j 14:34	0°♈	
morning set	-2020 May 04 j 11:49	17°♈21'16	
asc. node	-2020 May 06 j 11:41	21°♈35'40	
	-2020 May 10 j 08:41	0°♉	
superior conj	-2020 May 11 j 12:52	2°♉33'38	0°50'53
minimum elong	-2020 May 11 j 10:50	2°♉22'33	0°50'32
max. Earth dist.	-2020 May 12 j 15:32	4°♉58'38	1.32878 AU
evening rise	-2020 May 18 j 17:58	17°♉54'31	
	-2020 May 24 j 21:56	0°♊	
	-2020 Jun 13 j 04:25	0°♋	
desc. node	-2020 Jun 16 j 13:06	3°♋55'11	
evening max el	-2020 Jun 19 j 18:02	7°♋12'44	27°17'56
retrograde	-2020 Jul 03 j 14:42	14°♋33'07	
evening set	-2020 Jul 10 j 17:35	12°♋08'29	
min. Earth dist.	-2020 Jul 14 j 07:44	9°♋16'53	0.62193 AU
inferior conj	-2020 Jul 17 j 07:57	6°♋28'20	-4°-10'-15
minimum elong	-2020 Jul 17 j 11:33	6°♋19'54	4°09'40
morning rise	-2020 Jul 24 j 08:03	1°♋25'03	
direct	-2020 Jul 26 j 19:47	0°♋57'39	
asc. node	-2020 Aug 02 j 10:55	4°♋14'38	
morning max el	-2020 Aug 02 j 14:33	4°♋23'26	17°55'51
morning set	-2020 Aug 18 j 17:34	29°♋37'53	
	-2020 Aug 18 j 22:29	0°♌	
superior conj	-2020 Aug 29 j 17:47	19°♌05'49	1°21'48
minimum elong	-2020 Aug 29 j 22:50	19°♌27'29	1°21'20
	-2020 Sep 05 j 05:46	0°♍	
max. Earth dist.	-2020 Sep 05 j 22:03	1°♍06'44	1.42846 AU
desc. node	-2020 Sep 12 j 12:28	11°♍41'43	
evening rise	-2020 Sep 13 j 09:57	13°♍06'02	
	-2020 Sep 24 j 12:10	0°♎	
greatest brilliancy	-2020 Oct 09 j 15:57	21°♎07'58	-0.4m
evening max el	-2020 Oct 14 j 14:29	26°♎47'36	21°37'40
	-2020 Oct 18 j 05:31	0°♏	
retrograde	-2020 Oct 23 j 13:06	2°♏06'17	
evening set	-2020 Oct 27 j 17:41	0°♏29'13	
	-2020 Oct 28 j 07:42	30°℞♎	
asc. node	-2020 Oct 29 j 10:02	28°♎55'33	
inferior conj	-2020 Nov 02 j 03:12	24°♎12'22	1°15'15
minimum elong	-2020 Nov 02 j 01:32	24°♎18'06	1°14'33
min. Earth dist.	-2020 Nov 02 j 08:28	23°♎54'11	0.67408 AU
morning rise	-2020 Nov 07 j 09:06	17°♎56'17	
direct	-2020 Nov 12 j 07:25	15°♎51'54	
morning max el	-2020 Nov 22 j 11:44	21°♎55'47	23°10'42
greatest brilliancy	-2020 Nov 27 j 13:03	27°♎36'31	-0.3m
	-2020 Nov 29 j 11:10	0°♏	
desc. node	-2020 Dec 09 j 11:50	13°♏43'26	
	-2020 Dec 20 j 05:57	0°♐	
morning set	-2020 Dec 27 j 03:57	11°♐13'11	
max. Earth dist.	-2020 Dec 31 j 15:14	18°♐48'54	1.39599 AU
	-2019 Jan 06 j 22:09	0°♑	
superior conj	-2019 Jan 08 j 07:18	2°♑32'14	-1°-56'-28
minimum elong	-2019 Jan 08 j 08:57	2°♑39'50	1°56'28
evening rise	-2019 Jan 17 j 19:14	20°♑33'28	
	-2019 Jan 22 j 19:11	0°♒	
asc. node	-2019 Jan 25 j 09:21	4°♒37'08	
evening max el	-2019 Feb 03 j 01:07	16°♒40'18	18°32'54
retrograde	-2019 Feb 10 j 16:56	20°♒24'44	
evening set	-2019 Feb 13 j 03:27	20°♒03'16	
inferior conj	-2019 Feb 20 j 15:41	15°♒33'26	3°25'42
minimum elong	-2019 Feb 20 j 19:21	15°♒26'12	3°25'02
min. Earth dist.	-2019 Feb 24 j 01:23	12°♒54'21	0.58434 AU
morning rise	-2019 Feb 28 j 07:32	10°♒12'09	
direct	-2019 Mar 06 j 07:55	8°♒40'18	
desc. node	-2019 Mar 07 j 10:59	8°♒43'31	
morning max el	-2019 Mar 20 j 15:07	16°♒14'25	26°34'50
	-2019 Mar 31 j 20:42	0°♓	
	-2019 Apr 17 j 20:11	0°♈	
morning set	-2019 Apr 18 j 22:43	2°♈17'46	
asc. node	-2019 Apr 23 j 08:44	11°♈45'18	
superior conj	-2019 Apr 26 j 00:27	17°♈33'52	0°27'40

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2019 Apr 25 j 23:15	17°♈27'18	0°27'26
max. Earth dist.	-2019 Apr 26 j 04:03	17°♈53'37	1.32513 AU
	-2019 May 01 j 18:09	0°♉	
evening rise	-2019 May 03 j 00:59	2°♉42'09	
	-2019 May 17 j 20:30	0°♊	
evening max el	-2019 Jun 01 j 20:52	19°♊16'07	26°39'12
desc. node	-2019 Jun 03 j 10:08	20°♊41'15	
retrograde	-2019 Jun 15 j 21:12	26°♊33'06	
evening set	-2019 Jun 22 j 12:51	24°♊39'22	
min. Earth dist.	-2019 Jun 26 j 10:15	22°♊00'15	0.60187 AU
inferior conj	-2019 Jun 29 j 18:20	19°♊17'06	-4°-30'-30
minimum elong	-2019 Jun 29 j 19:38	19°♊14'26	4°30'26
morning rise	-2019 Jul 07 j 05:39	14°♊36'01	
direct	-2019 Jul 09 j 16:59	14°♊13'02	
morning max el	-2019 Jul 17 j 01:59	17°♊48'00	18°12'30
asc. node	-2019 Jul 20 j 07:59	21°♊30'20	
	-2019 Jul 25 j 20:52	0°♋	
morning set	-2019 Aug 02 j 00:22	13°♋02'34	
	-2019 Aug 11 j 03:03	0°♌	
superior conj	-2019 Aug 11 j 15:46	0°♌57'36	1°40'54
minimum elong	-2019 Aug 11 j 18:43	1°♌10'52	1°40'46
max. Earth dist.	-2019 Aug 19 j 05:43	14°♌14'16	1.41080 AU
evening rise	-2019 Aug 24 j 09:03	22°♌46'37	
	-2019 Aug 28 j 21:26	0°♍	
desc. node	-2019 Aug 30 j 09:28	2°♍20'51	
	-2019 Sep 18 j 13:31	0°♎	
greatest brilliancy	-2019 Sep 22 j 03:39	4°♎31'41	-0.3m
evening max el	-2019 Sep 27 j 06:24	10°♎15'32	22°56'08
retrograde	-2019 Oct 07 j 07:15	16°♎12'31	
evening set	-2019 Oct 12 j 01:07	14°♎16'39	
asc. node	-2019 Oct 16 j 07:06	9°♎27'33	
inferior conj	-2019 Oct 17 j 10:02	7°♎55'17	0°23'11
minimum elong	-2019 Oct 17 j 09:30	7°♎57'09	0°22'56
min. Earth dist.	-2019 Oct 17 j 04:52	8°♎13'04	0.67543 AU
morning rise	-2019 Oct 22 j 17:51	1°♎41'47	
	-2019 Oct 26 j 20:26	30°℞♍	
direct	-2019 Oct 27 j 01:27	29°♍59'47	
	-2019 Oct 27 j 06:29	0°♎	
morning max el	-2019 Nov 05 j 01:20	5°♎18'17	21°45'53
greatest brilliancy	-2019 Nov 09 j 23:16	10°♎54'09	-0.4m
	-2019 Nov 23 j 18:16	0°♏	
desc. node	-2019 Nov 26 j 08:50	3°♏52'49	
morning set	-2019 Dec 07 j 00:39	20°♏21'01	
	-2019 Dec 12 j 23:28	0°♐	
max. Earth dist.	-2019 Dec 13 j 15:18	1°♐05'33	1.41637 AU
superior conj	-2019 Dec 21 j 05:44	14°♐02'48	-1°-57'-15
minimum elong	-2019 Dec 21 j 04:01	13°♐55'18	1°57'15
	-2019 Dec 30 j 02:42	0°♑	
evening rise	-2018 Jan 01 j 00:13	3°♑29'12	
asc. node	-2018 Jan 12 j 06:22	23°♑04'26	
evening max el	-2018 Jan 17 j 09:37	29°♑33'36	18°11'17
	-2018 Jan 17 j 20:41	0°♒	
retrograde	-2018 Jan 24 j 06:59	3°♒02'45	
evening set	-2018 Jan 26 j 21:03	2°♒33'58	
	-2018 Jan 31 j 02:56	30°℞♑	
inferior conj	-2018 Feb 02 j 18:27	27°♑42'10	3°53'26
minimum elong	-2018 Feb 02 j 19:38	27°♑39'28	3°53'20
min. Earth dist.	-2018 Feb 06 j 00:37	24°♑45'14	0.60480 AU
morning rise	-2018 Feb 09 j 15:19	22°♑00'37	
direct	-2018 Feb 16 j 09:21	19°♑51'33	
desc. node	-2018 Feb 22 j 08:02	21°♑22'47	
morning max el	-2018 Mar 02 j 14:09	27°♑35'24	27°27'56
	-2018 Mar 04 j 22:05	0°♒	
	-2018 Mar 25 j 11:05	0°♓	
morning set	-2018 Apr 03 j 06:38	17°♓03'49	
	-2018 Apr 09 j 08:11	0°♈	
max. Earth dist.	-2018 Apr 09 j 17:02	0°♈48'15	1.32491 AU
superior conj	-2018 Apr 10 j 11:55	2°♈31'30	0°02'44
minimum elong	-2018 Apr 10 j 11:48	2°♈30'49	0°02'43
behind sun begin	-2018 Apr 10 j 06:50	2°♈03'38	
behind sun end	-2018 Apr 10 j 16:46	2°♈58'01	
asc. node	-2018 Apr 10 j 05:44	1°♈57'41	
evening rise	-2018 Apr 17 j 11:17	17°♈37'28	
	-2018 Apr 23 j 15:01	0°♉	
	-2018 May 14 j 02:23	0°♊	
evening max el	-2018 May 14 j 16:58	0°♊35'32	25°30'37
desc. node	-2018 May 21 j 07:10	5°♊38'22	
retrograde	-2018 May 28 j 18:20	7°♊47'09	
evening set	-2018 Jun 03 j 10:02	6°♊31'46	
min. Earth dist.	-2018 Jun 08 j 05:00	3°♊47'29	0.58156 AU
inferior conj	-2018 Jun 11 j 10:37	1°♊30'41	-4°-24'-53
minimum elong	-2018 Jun 11 j 08:03	1°♊35'15	4°24'39
	-2018 Jun 13 j 15:16	30°℞♉	
morning rise	-2018 Jun 19 j 09:59	27°♉12'06	
direct	-2018 Jun 21 j 22:05	26°♉52'31	
	-2018 Jun 29 j 09:13	0°♊	
morning max el	-2018 Jun 30 j 07:14	0°♊48'59	18°49'24
asc. node	-2018 Jul 07 j 05:02	9°♊38'49	
morning set	-2018 Jul 16 j 18:24	27°♊01'48	
	-2018 Jul 18 j 06:48	0°♋	
superior conj	-2018 Jul 25 j 10:24	13°♋52'21	1°48'06
minimum elong	-2018 Jul 25 j 10:57	13°♋54'58	1°48'08
max. Earth dist.	-2018 Aug 01 j 08:51	26°♋38'27	1.39102 AU
	-2018 Aug 03 j 06:34	0°♌	
evening rise	-2018 Aug 05 j 09:14	3°♌38'59	
desc. node	-2018 Aug 17 j 06:29	22°♌50'55	
	-2018 Aug 22 j 01:41	0°♍	
evening max el	-2018 Sep 09 j 18:38	23°♍46'05	24°16'20
	-2018 Sep 18 j 19:01	0°♎	
retrograde	-2018 Sep 20 j 21:59	0°♎18'22	
	-2018 Sep 22 j 22:31	30°℞♍	
evening set	-2018 Sep 26 j 06:27	28°♍03'33	
min. Earth dist.	-2018 Oct 01 j 00:41	22°♍33'42	0.67367 AU
inferior conj	-2018 Oct 01 j 16:13	21°♍41'20	0°-30'-53
minimum elong	-2018 Oct 01 j 16:58	21°♍38'50	0°30'35
asc. node	-2018 Oct 03 j 04:08	19°♍42'19	
morning rise	-2018 Oct 07 j 03:46	15°♍33'12	
direct	-2018 Oct 10 j 22:15	14°♍11'58	
morning max el	-2018 Oct 18 j 21:55	18°♍50'36	20°29'51
greatest brilliancy	-2018 Oct 25 j 06:36	26°♍27'17	-0.5m
	-2018 Oct 27 j 21:00	0°♎	
desc. node	-2018 Nov 13 j 05:52	24°♎17'52	
morning set	-2018 Nov 16 j 00:28	28°♎35'00	
	-2018 Nov 16 j 22:22	0°♏	
max. Earth dist.	-2018 Nov 25 j 22:44	14°♏15'26	1.43338 AU
superior conj	-2018 Dec 02 j 02:43	24°♏20'23	-1°-43'00
minimum elong	-2018 Dec 01 j 20:45	23°♏55'35	1°42'37
	-2018 Dec 05 j 11:48	0°♐	
evening rise	-2018 Dec 14 j 13:26	15°♐39'09	
	-2018 Dec 22 j 20:17	0°♑	
asc. node	-2018 Dec 30 j 03:22	10°♑47'17	
evening max el	-2018 Dec 31 j 21:28	12°♑43'41	18°09'17
retrograde	-2017 Jan 07 j 10:43	16°♑11'02	
evening set	-2017 Jan 10 j 04:17	15°♑34'02	
inferior conj	-2017 Jan 16 j 14:01	10°♑21'05	3°55'01
minimum elong	-2017 Jan 16 j 12:57	10°♑23'50	3°54'55
min. Earth dist.	-2017 Jan 19 j 08:26	7°♑29'38	0.62464 AU
morning rise	-2017 Jan 22 j 19:34	4°♑26'00	
direct	-2017 Jan 29 j 20:12	1°♑48'56	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2017 Feb 09 j 05:04	6°♉23'55	
morning max el	-2017 Feb 12 j 19:12	9°♉37'33	27°45'03
	-2017 Feb 28 j 16:19	0°♒	
	-2017 Mar 17 j 15:14	0°♓	
morning set	-2017 Mar 18 j 09:27	1°♓31'42	
max. Earth dist.	-2017 Mar 24 j 02:25	13°♓27'25	1.32834 AU
superior conj	-2017 Mar 25 j 21:39	17°♓20'26	0°-23'-7
minimum elong	-2017 Mar 25 j 22:43	17°♓26'14	0°22'55
asc. node	-2017 Mar 28 j 02:46	22°♓08'40	
	-2017 Mar 31 j 18:05	0°♈	
evening rise	-2017 Apr 01 j 22:58	2°♈33'15	
	-2017 Apr 17 j 00:52	0°♉	
evening max el	-2017 Apr 26 j 08:25	11°♉21'58	24°01'57
desc. node	-2017 May 08 j 04:12	18°♉09'17	
retrograde	-2017 May 10 j 04:00	18°♉18'22	
evening set	-2017 May 14 j 10:35	17°♉37'42	
min. Earth dist.	-2017 May 20 j 19:45	14°♉32'53	0.56417 AU
inferior conj	-2017 May 23 j 06:44	13°♉01'41	-3°-41'-53
minimum elong	-2017 May 23 j 00:37	13°♉11'11	3°40'35
morning rise	-2017 May 31 j 18:33	9°♉00'41	
direct	-2017 Jun 03 j 07:54	8°♉43'36	
morning max el	-2017 Jun 13 j 03:34	13°♉16'24	19°46'57
asc. node	-2017 Jun 24 j 02:05	28°♉27'15	
	-2017 Jun 24 j 22:39	0°♊	
morning set	-2017 Jun 30 j 20:20	11°♊26'01	
superior conj	-2017 Jul 08 j 20:02	27°♊33'14	1°45'56
minimum elong	-2017 Jul 08 j 18:48	27°♊27'04	1°45'56
	-2017 Jul 10 j 01:45	0°♋	
max. Earth dist.	-2017 Jul 14 j 11:51	8°♋30'23	1.37175 AU
evening rise	-2017 Jul 18 j 09:44	15°♋42'23	
	-2017 Jul 26 j 17:38	0°♌	
desc. node	-2017 Aug 04 j 03:31	13°♌06'01	
	-2017 Aug 16 j 14:41	0°♍	
evening max el	-2017 Aug 23 j 05:36	7°♍19'18	25°31'11
retrograde	-2017 Sep 04 j 08:27	14°♍18'26	
evening set	-2017 Sep 10 j 07:49	11°♍46'59	
min. Earth dist.	-2017 Sep 14 j 17:31	6°♍53'13	0.66867 AU
inferior conj	-2017 Sep 15 j 19:59	5°♍27'44	-1°-25'-27
minimum elong	-2017 Sep 15 j 22:04	5°♍21'02	1°24'36
asc. node	-2017 Sep 20 j 01:12	0°♍36'58	
	-2017 Sep 20 j 18:50	30°℞♌	
morning rise	-2017 Sep 21 j 12:57	29°♌27'56	
direct	-2017 Sep 24 j 20:27	28°♌24'24	
	-2017 Sep 29 j 03:56	0°♍	
morning max el	-2017 Oct 02 j 01:52	2°♍31'34	19°26'51
greatest brilliancy	-2017 Oct 11 j 08:54	14°♍32'27	-0.7m
	-2017 Oct 21 j 13:14	0°♎	
morning set	-2017 Oct 26 j 01:32	7°♎00'20	
desc. node	-2017 Oct 31 j 02:55	14°♎53'29	
max. Earth dist.	-2017 Nov 08 j 12:22	28°♎04'53	1.44476 AU
	-2017 Nov 09 j 17:25	0°♏	
superior conj	-2017 Nov 11 j 20:57	3°♏25'01	-1°-11'-9
minimum elong	-2017 Nov 11 j 13:23	2°♏54'52	1°10'22
evening rise	-2017 Nov 26 j 06:22	26°♏54'36	
	-2017 Nov 28 j 02:49	0°♐	
evening max el	-2017 Dec 15 j 09:57	26°♐04'24	18°26'07
asc. node	-2017 Dec 17 j 00:23	27°♐33'05	
retrograde	-2017 Dec 21 j 23:40	29°♐41'05	
evening set	-2017 Dec 24 j 21:40	28°♐54'33	
inferior conj	-2017 Dec 30 j 22:28	23°♐22'26	3°38'07
minimum elong	-2017 Dec 30 j 20:02	23°♐29'27	3°37'42
min. Earth dist.	-2016 Jan 02 j 02:05	20°♐54'13	0.64188 AU
morning rise	-2016 Jan 05 j 17:00	17°♐18'17	
direct	-2016 Jan 12 j 14:46	14°♐28'02	
morning max el	-2016 Jan 26 j 03:50	22°♐14'09	27°26'17
desc. node	-2016 Jan 27 j 02:08	23°♐10'45	
	-2016 Feb 02 j 00:45	0°♑	
	-2016 Feb 21 j 20:19	0°♒	
morning set	-2016 Mar 01 j 04:31	15°♒32'32	
max. Earth dist.	-2016 Mar 06 j 04:15	25°♒38'30	1.33581 AU
	-2016 Mar 08 j 06:09	0°♓	
superior conj	-2016 Mar 09 j 03:50	1°♓54'44	0°-48'-53
minimum elong	-2016 Mar 09 j 06:04	2°♓06'35	0°48'29
asc. node	-2016 Mar 13 j 23:48	12°♓14'02	
evening rise	-2016 Mar 16 j 10:15	17°♓23'20	
	-2016 Mar 22 j 17:44	0°♈	
evening max el	-2016 Apr 07 j 01:17	22°♈02'14	22°27'19
retrograde	-2016 Apr 20 j 01:03	28°♈24'19	
evening set	-2016 Apr 23 j 01:15	28°♈04'27	
desc. node	-2016 Apr 24 j 01:13	27°♈49'31	
min. Earth dist.	-2016 May 01 j 09:28	24°♈27'28	0.55323 AU
inferior conj	-2016 May 02 j 09:19	23°♈53'33	-2°-16'-4
minimum elong	-2016 May 02 j 03:33	24°♈01'46	2°14'16
morning rise	-2016 May 11 j 07:56	19°♈58'00	
direct	-2016 May 14 j 01:27	19°♈40'54	
morning max el	-2016 May 25 j 13:08	25°♈03'04	21°04'12
	-2016 May 30 j 01:03	0°♉	
asc. node	-2016 Jun 09 j 23:10	17°♉46'06	
morning set	-2016 Jun 14 j 03:37	26°♉08'41	
	-2016 Jun 16 j 00:18	0°♊	
superior conj	-2016 Jun 21 j 16:18	11°♊47'37	1°36'37
minimum elong	-2016 Jun 21 j 14:03	11°♊35'58	1°36'28
max. Earth dist.	-2016 Jun 25 j 21:22	20°♊19'11	1.35509 AU
evening rise	-2016 Jun 30 j 05:53	28°♊45'01	
	-2016 Jun 30 j 21:51	0°♋	
	-2016 Jul 18 j 22:43	0°♌	
desc. node	-2016 Jul 21 j 00:31	2°♌59'18	
evening max el	-2016 Aug 04 j 17:06	20°♌52'31	26°32'38
retrograde	-2016 Aug 17 j 13:58	28°♌07'01	
evening set	-2016 Aug 24 j 03:07	25°♌24'08	
min. Earth dist.	-2016 Aug 28 j 04:57	21°♌08'21	0.66027 AU
inferior conj	-2016 Aug 29 j 19:27	19°♌11'45	-2°-18'-40
minimum elong	-2016 Aug 29 j 22:44	19°♌01'47	2°17'27
morning rise	-2016 Sep 04 j 19:24	13°♌23'29	
asc. node	-2016 Sep 05 j 22:18	12°♌53'08	
direct	-2016 Sep 07 j 18:20	12°♌34'03	
morning max el	-2016 Sep 14 j 11:57	16°♌18'35	18°39'14
	-2016 Sep 24 j 14:33	0°♍	
morning set	-2016 Oct 05 j 00:36	16°♍33'49	
	-2016 Oct 13 j 11:01	0°♎	
desc. node	-2016 Oct 16 j 23:56	5°♎35'35	
superior conj	-2016 Oct 20 j 21:59	11°♎46'03	0°-25'-5
minimum elong	-2016 Oct 20 j 18:40	11°♎33'00	0°24'40
max. Earth dist.	-2016 Oct 21 j 06:03	12°♎17'48	1.44927 AU
	-2016 Nov 01 j 11:26	0°♏	
evening rise	-2016 Nov 05 j 23:23	7°♏08'56	
	-2016 Nov 20 j 12:42	0°♐	
evening max el	-2016 Nov 27 j 20:33	9°♐30'10	19°00'39
asc. node	-2016 Dec 02 j 21:27	13°♐06'29	
retrograde	-2016 Dec 04 j 18:07	13°♐25'43	
evening set	-2016 Dec 07 j 22:06	12°♐27'50	
inferior conj	-2016 Dec 13 j 16:17	6°♐38'59	3°08'16
minimum elong	-2016 Dec 13 j 13:19	6°♐48'14	3°07'30
min. Earth dist.	-2016 Dec 15 j 05:03	4°♐44'23	0.65558 AU
morning rise	-2016 Dec 19 j 03:36	0°♐28'35	
	-2016 Dec 19 j 17:15	30°℞♏	
direct	-2016 Dec 25 j 15:41	27°♏39'54	
	-2015 Jan 01 j 07:57	0°♐	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning max el	-2015 Jan 07 j 13:23	5°♐12'52	26°36'54
desc. node	-2015 Jan 12 j 23:12	11°♐12'10	
	-2015 Jan 26 j 14:38	0°♑	
morning set	-2015 Feb 12 j 12:12	28°♑53'54	
	-2015 Feb 13 j 02:06	0°♒	
max. Earth dist.	-2015 Feb 16 j 19:13	7°♒13'57	1.34777 AU
superior conj	-2015 Feb 21 j 04:12	16°♒06'17	-1°-13'-20
minimum elong	-2015 Feb 21 j 07:21	16°♒22'33	1°12'53
	-2015 Feb 27 j 20:01	0°♓	
evening rise	-2015 Feb 28 j 19:15	2°♓00'27	
asc. node	-2015 Feb 28 j 20:50	2°♓08'35	
	-2015 Mar 17 j 05:35	0°♈	
evening max el	-2015 Mar 20 j 01:39	3°♈01'53	20°59'40
retrograde	-2015 Mar 31 j 14:15	8°♈34'04	
evening set	-2015 Apr 02 j 22:18	8°♈21'18	
desc. node	-2015 Apr 10 j 22:17	5°♈05'22	
inferior conj	-2015 Apr 12 j 04:01	4°♈23'27	0°-20'-58
minimum elong	-2015 Apr 12 j 03:02	4°♈24'51	0°20'37
min. Earth dist.	-2015 Apr 12 j 23:04	3°♈56'25	0.55117 AU
morning rise	-2015 Apr 21 j 06:55	0°♈16'11	
	-2015 Apr 22 j 18:59	30°℞♓	
direct	-2015 Apr 24 j 12:53	29°♓53'17	
	-2015 Apr 26 j 06:20	0°♈	
morning max el	-2015 May 07 j 12:07	6°♈07'53	22°37'23
	-2015 May 24 j 01:33	0°♉	
asc. node	-2015 May 27 j 20:14	7°♉26'55	
morning set	-2015 May 29 j 14:11	11°♉03'20	
superior conj	-2015 Jun 05 j 19:51	26°♉25'02	1°21'55
minimum elong	-2015 Jun 05 j 17:16	26°♉11'18	1°21'36
	-2015 Jun 07 j 12:38	0°♊	
max. Earth dist.	-2015 Jun 08 j 16:49	2°♊27'03	1.34194 AU
evening rise	-2015 Jun 13 j 16:34	12°♊32'11	
	-2015 Jun 23 j 04:47	0°♋	
desc. node	-2015 Jul 07 j 21:32	22°♋21'36	
	-2015 Jul 14 j 02:40	0°♌	
evening max el	-2015 Jul 18 j 04:50	4°♌16'43	27°12'50
retrograde	-2015 Jul 31 j 13:54	11°♌37'10	
evening set	-2015 Aug 07 j 13:45	8°♌51'26	
min. Earth dist.	-2015 Aug 11 j 08:38	5°♌13'18	0.64823 AU
inferior conj	-2015 Aug 13 j 12:23	2°♌49'27	-3°-8'-13
minimum elong	-2015 Aug 13 j 16:30	2°♌37'59	3°06'57
	-2015 Aug 16 j 04:26	30°℞♋	
morning rise	-2015 Aug 19 j 20:46	27°♋16'12	
direct	-2015 Aug 22 j 13:34	26°♋37'29	
asc. node	-2015 Aug 23 j 19:25	26°♋45'44	
	-2015 Aug 28 j 22:52	0°♌	
morning max el	-2015 Aug 29 j 02:00	0°♌07'48	18°08'21
morning set	-2015 Sep 16 j 03:49	27°♌29'52	
	-2015 Sep 17 j 15:46	0°♍	
superior conj	-2015 Sep 30 j 03:17	20°♍24'20	0°24'04
minimum elong	-2015 Sep 30 j 06:09	20°♍35'49	0°23'40
desc. node	-2015 Oct 03 j 20:57	26°♍21'10	
max. Earth dist.	-2015 Oct 04 j 00:42	26°♍35'58	1.44642 AU
	-2015 Oct 06 j 04:24	0°♎	
evening rise	-2015 Oct 16 j 17:34	16°♎27'29	
	-2015 Oct 25 j 12:36	0°♏	
greatest brilliancy	-2015 Nov 03 j 13:40	13°♏26'09	-0.6m
evening max el	-2015 Nov 11 j 03:03	22°♏57'38	19°51'15
retrograde	-2015 Nov 18 j 15:12	27°♏20'36	
asc. node	-2015 Nov 19 j 18:32	27°♏13'08	
evening set	-2015 Nov 22 j 03:06	26°♏09'11	
inferior conj	-2015 Nov 27 j 16:35	20°♏06'34	2°29'16
minimum elong	-2015 Nov 27 j 13:45	20°♏15'54	2°28'19
min. Earth dist.	-2015 Nov 28 j 15:52	18°♏49'38	0.66552 AU
morning rise	-2015 Dec 02 j 23:48	13°♏52'07	
direct	-2015 Dec 08 j 22:10	11°♏16'09	
morning max el	-2015 Dec 20 j 22:20	18°♏23'19	25°25'15
desc. node	-2015 Dec 30 j 20:16	0°♐06'24	
	-2015 Dec 30 j 18:20	0°♐	
	-2014 Jan 19 j 15:32	0°♑	
morning set	-2014 Jan 26 j 03:44	11°♑22'12	
max. Earth dist.	-2014 Jan 29 j 22:51	18°♑22'57	1.36415 AU
superior conj	-2014 Feb 04 j 20:01	29°♑47'13	-1°-34'-46
minimum elong	-2014 Feb 04 j 23:30	0°♒04'35	1°34'26
	-2014 Feb 04 j 22:35	0°♒	
evening rise	-2014 Feb 12 j 23:58	16°♒18'37	
asc. node	-2014 Feb 15 j 17:51	21°♒47'31	
	-2014 Feb 20 j 02:30	0°♓	
evening max el	-2014 Mar 02 j 12:36	14°♓35'59	19°47'24
retrograde	-2014 Mar 12 j 08:17	19°♓17'08	
evening set	-2014 Mar 14 j 13:27	19°♓03'53	
inferior conj	-2014 Mar 23 j 05:13	15°♓01'31	1°31'33
minimum elong	-2014 Mar 23 j 08:52	14°♓55'49	1°30'22
min. Earth dist.	-2014 Mar 25 j 13:13	13°♓34'43	0.55846 AU
desc. node	-2014 Mar 28 j 19:21	11°♓45'30	
morning rise	-2014 Apr 01 j 01:07	10°♓26'44	
direct	-2014 Apr 05 j 06:11	9°♓47'22	
morning max el	-2014 Apr 19 j 04:14	16°♓44'59	24°17'31
	-2014 Apr 29 j 20:42	0°♈	
morning set	-2014 May 14 j 02:12	26°♈03'48	
asc. node	-2014 May 14 j 17:16	27°♈23'10	
	-2014 May 15 j 22:45	0°♉	
superior conj	-2014 May 21 j 04:06	11°♉17'07	1°03'08
minimum elong	-2014 May 21 j 01:44	11°♉04'20	1°02'46
max. Earth dist.	-2014 May 22 j 21:16	14°♉58'46	1.33254 AU
evening rise	-2014 May 28 j 13:36	26°♉50'56	
	-2014 May 30 j 03:22	0°♊	
	-2014 Jun 16 j 12:59	0°♋	
desc. node	-2014 Jun 24 j 18:34	10°♋59'27	
evening max el	-2014 Jun 30 j 14:52	17°♋18'32	27°25'09
retrograde	-2014 Jul 14 j 07:53	24°♋39'45	
evening set	-2014 Jul 21 j 12:24	22°♋03'06	
min. Earth dist.	-2014 Jul 25 j 02:40	18°♋57'49	0.63249 AU
inferior conj	-2014 Jul 27 j 20:03	16°♋14'25	-3°-50'-47
minimum elong	-2014 Jul 28 j 00:12	16°♋04'00	3°49'52
morning rise	-2014 Aug 03 j 14:08	10°♋59'36	
direct	-2014 Aug 06 j 03:08	10°♋28'44	
asc. node	-2014 Aug 10 j 16:31	12°♋08'45	
morning max el	-2014 Aug 12 j 17:20	13°♋53'21	17°55'09
	-2014 Aug 23 j 19:31	0°♌	
morning set	-2014 Aug 29 j 07:30	9°♌35'39	
superior conj	-2014 Sep 10 j 07:16	0°♍11'09	1°04'36
minimum elong	-2014 Sep 10 j 12:40	0°♍33'40	1°04'00
	-2014 Sep 10 j 04:35	0°♍	
max. Earth dist.	-2014 Sep 16 j 16:34	10°♍38'28	1.43666 AU
desc. node	-2014 Sep 20 j 17:57	17°♍06'43	
evening rise	-2014 Sep 25 j 23:16	25°♍16'25	
	-2014 Sep 29 j 00:58	0°♎	
greatest brilliancy	-2014 Oct 19 j 13:30	29°♎48'03	-0.5m
	-2014 Oct 19 j 17:12	0°♏	
evening max el	-2014 Oct 25 j 03:49	6°♏24'15	20°55'40
retrograde	-2014 Nov 02 j 12:33	11°♏21'39	
evening set	-2014 Nov 06 j 10:26	9°♏54'27	
asc. node	-2014 Nov 06 j 15:37	9°♏44'30	
inferior conj	-2014 Nov 11 j 20:56	3°♏41'32	1°43'41
minimum elong	-2014 Nov 11 j 18:44	3°♏49'01	1°42'49
min. Earth dist.	-2014 Nov 12 j 08:22	3°♏02'24	0.67187 AU
	-2014 Nov 14 j 16:06	30°℞♎	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning rise	-2014 Nov 17 j 02:39	27°♎25'15	
direct	-2014 Nov 22 j 09:39	25°♎08'36	
	-2014 Dec 01 j 14:16	0°♏	
morning max el	-2014 Dec 03 j 07:00	1°♏38'14	24°01'01
desc. node	-2014 Dec 17 j 17:18	19°♏37'35	
	-2014 Dec 24 j 19:33	0°♐	
morning set	-2013 Jan 07 j 21:05	22°♐41'00	
max. Earth dist.	-2013 Jan 11 j 19:06	29°♐32'23	1.38386 AU
	-2013 Jan 12 j 01:17	0°♑	
superior conj	-2013 Jan 18 j 23:37	12°♑47'20	-1°-50'-52
minimum elong	-2013 Jan 19 j 02:23	13°♑00'30	1°50'44
evening rise	-2013 Jan 27 j 21:56	0°♒10'47	
	-2013 Jan 27 j 19:44	0°♒	
asc. node	-2013 Feb 02 j 14:53	11°♒04'58	
evening max el	-2013 Feb 13 j 09:53	26°♒46'40	18°54'21
	-2013 Feb 18 j 00:34	0°♓	
retrograde	-2013 Feb 21 j 17:52	0°♓47'38	
evening set	-2013 Feb 24 j 01:57	0°♓29'58	
	-2013 Feb 25 j 15:14	30°℞♒	
inferior conj	-2013 Mar 03 j 23:58	26°♒11'54	2°54'39
minimum elong	-2013 Mar 04 j 04:33	26°♒03'38	2°53'33
min. Earth dist.	-2013 Mar 07 j 05:17	23°♒53'49	0.57338 AU
morning rise	-2013 Mar 12 j 03:08	21°♒05'27	
desc. node	-2013 Mar 15 j 16:24	20°♒03'49	
direct	-2013 Mar 17 j 12:33	19°♒55'35	
morning max el	-2013 Mar 31 j 19:34	27°♒21'06	25°50'33
	-2013 Apr 03 j 09:12	0°♓	
	-2013 Apr 23 j 02:08	0°♈	
morning set	-2013 Apr 28 j 14:02	11°♈04'23	
asc. node	-2013 May 01 j 14:17	17°♈29'47	
superior conj	-2013 May 05 j 15:01	26°♈17'05	0°41'19
minimum elong	-2013 May 05 j 13:18	26°♈07'42	0°40'59
max. Earth dist.	-2013 May 06 j 07:49	27°♈48'51	1.32678 AU
	-2013 May 07 j 07:53	0°♉	
evening rise	-2013 May 12 j 17:44	11°♉31'14	
	-2013 May 22 j 08:35	0°♊	
desc. node	-2013 Jun 11 j 15:35	28°♊34'12	
evening max el	-2013 Jun 12 j 20:50	29°♊46'04	27°05'20
	-2013 Jun 13 j 02:43	0°♋	
retrograde	-2013 Jun 26 j 19:17	7°♋05'47	
evening set	-2013 Jul 03 j 19:00	4°♋52'27	
min. Earth dist.	-2013 Jul 07 j 10:37	2°♋08'32	0.61360 AU
	-2013 Jul 09 j 21:05	30°℞♊	
inferior conj	-2013 Jul 10 j 15:14	29°♊19'29	-4°-21'-20
minimum elong	-2013 Jul 10 j 18:05	29°♊13'10	4°21'00
morning rise	-2013 Jul 17 j 20:04	24°♊25'49	
direct	-2013 Jul 20 j 07:22	24°♊00'34	
morning max el	-2013 Jul 27 j 07:08	27°♊28'48	18°00'33
asc. node	-2013 Jul 28 j 13:34	28°♊48'21	
	-2013 Jul 29 j 13:58	0°♋	
morning set	-2013 Aug 12 j 05:55	22°♋35'46	
	-2013 Aug 16 j 06:50	0°♌	
superior conj	-2013 Aug 22 j 14:57	11°♌20'37	1°31'30
minimum elong	-2013 Aug 22 j 19:14	11°♌39'25	1°31'11
max. Earth dist.	-2013 Aug 30 j 03:01	24°♌08'01	1.42134 AU
	-2013 Sep 02 j 17:00	0°♍	
evening rise	-2013 Sep 05 j 11:14	4°♍25'19	
desc. node	-2013 Sep 07 j 14:57	7°♍49'21	
	-2013 Sep 22 j 09:57	0°♎	
greatest brilliancy	-2013 Oct 03 j 04:50	14°♎29'43	-0.3m
evening max el	-2013 Oct 07 j 22:37	19°♎50'54	22°10'24
retrograde	-2013 Oct 17 j 08:22	25°♎26'35	
evening set	-2013 Oct 21 j 18:19	23°♎41'41	
asc. node	-2013 Oct 24 j 12:41	20°♎50'46	
inferior conj	-2013 Oct 27 j 03:23	17°♎22'11	0°53'29
minimum elong	-2013 Oct 27 j 02:10	17°♎26'23	0°52'58
min. Earth dist.	-2013 Oct 27 j 04:09	17°♎19'32	0.67499 AU
morning rise	-2013 Nov 01 j 09:50	11°♎06'39	
direct	-2013 Nov 06 j 01:38	9°♎11'57	
morning max el	-2013 Nov 15 j 17:49	14°♎56'57	22°33'52
greatest brilliancy	-2013 Nov 20 j 09:54	20°♎11'41	-0.3m
	-2013 Nov 27 j 21:31	0°♏	
desc. node	-2013 Dec 04 j 14:20	9°♏35'17	
	-2013 Dec 17 j 19:57	0°♐	
morning set	-2013 Dec 19 j 10:28	2°♐36'19	
max. Earth dist.	-2013 Dec 24 j 15:16	11°♐15'42	1.40480 AU
superior conj	-2012 Jan 01 j 10:15	24°♐54'19	-1°-58'-23
minimum elong	-2012 Jan 01 j 10:41	24°♐56'17	1°58'26
	-2012 Jan 04 j 05:19	0°♑	
evening rise	-2012 Jan 11 j 10:07	13°♑29'09	
asc. node	-2012 Jan 20 j 11:55	29°♑53'13	
	-2012 Jan 20 j 13:34	0°♒	
evening max el	-2012 Jan 27 j 15:11	9°♒27'07	18°21'22
retrograde	-2012 Feb 03 j 21:56	13°♒03'17	
evening set	-2012 Feb 06 j 09:54	12°♒38'58	
inferior conj	-2012 Feb 13 j 15:28	8°♒00'12	3°41'12
minimum elong	-2012 Feb 13 j 18:08	7°♒54'36	3°40'50
min. Earth dist.	-2012 Feb 17 j 01:15	5°♒10'10	0.59286 AU
morning rise	-2012 Feb 20 j 22:53	2°♒29'06	
direct	-2012 Feb 27 j 08:08	0°♒40'34	
desc. node	-2012 Mar 01 j 13:28	1°♒07'16	
morning max el	-2012 Mar 12 j 14:58	8°♒20'37	27°01'32
	-2012 Mar 29 j 01:06	0°♓	
morning set	-2012 Apr 11 j 23:53	25°♓57'35	
	-2012 Apr 13 j 21:54	0°♈	
asc. node	-2012 Apr 17 j 11:17	7°♈41'20	
superior conj	-2012 Apr 19 j 02:46	11°♈17'28	0°17'17
minimum elong	-2012 Apr 19 j 02:00	11°♈13'16	0°17'07
max. Earth dist.	-2012 Apr 18 j 20:49	10°♈44'51	1.32457 AU
evening rise	-2012 Apr 26 j 02:23	26°♈23'16	
	-2012 Apr 27 j 20:12	0°♉	
	-2012 May 15 j 03:36	0°♊	
evening max el	-2012 May 24 j 20:43	11°♊30'31	26°13'14
desc. node	-2012 May 28 j 12:37	14°♊38'29	
retrograde	-2012 Jun 07 j 22:25	18°♊46'25	
evening set	-2012 Jun 14 j 05:09	17°♊08'44	
min. Earth dist.	-2012 Jun 18 j 09:43	14°♊29'16	0.59310 AU
inferior conj	-2012 Jun 21 j 18:19	11°♊54'35	-4°-32'00
minimum elong	-2012 Jun 21 j 18:07	11°♊54'58	4°31'59
morning rise	-2012 Jun 29 j 10:41	7°♊23'14	
direct	-2012 Jul 01 j 22:03	7°♊01'57	
morning max el	-2012 Jul 09 j 16:19	10°♊44'46	18°25'37
asc. node	-2012 Jul 14 j 10:35	16°♊28'12	
	-2012 Jul 22 j 10:34	0°♋	
morning set	-2012 Jul 25 j 17:58	6°♋16'15	
superior conj	-2012 Aug 03 j 22:26	23°♋41'09	1°45'16
minimum elong	-2012 Aug 04 j 00:19	23°♋49'51	1°45'13
	-2012 Aug 07 j 09:42	0°♌	
max. Earth dist.	-2012 Aug 11 j 07:52	6°♌54'35	1.40250 AU
evening rise	-2012 Aug 15 j 20:37	14°♌35'26	
desc. node	-2012 Aug 24 j 11:58	28°♌25'14	
	-2012 Aug 25 j 12:38	0°♍	
	-2012 Sep 16 j 10:01	0°♎	
evening max el	-2012 Sep 19 j 12:41	3°♎19'57	23°30'31
retrograde	-2012 Sep 30 j 01:13	9°♎32'56	
evening set	-2012 Oct 05 j 01:04	7°♎29'12	
inferior conj	-2012 Oct 10 j 10:10	1°♎07'00	0°00'23
minimum elong	-2012 Oct 10 j 10:09	1°♎07'02	0°00'23

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

transit middle	-2012 Oct 10 j 10:09	1°♎07'02	0°00'23
transit begin	-2012 Oct 10 j 07:27	1°♎16'19	
transit end	-2012 Oct 10 j 12:52	0°♎57'46	
min. Earth dist.	-2012 Oct 10 j 00:42	1°♎39'24	0.67502 AU
asc. node	-2012 Oct 10 j 09:44	1°♎08'30	
	-2012 Oct 11 j 05:51	30°℞♍	
morning rise	-2012 Oct 15 j 19:19	24°♍55'09	
direct	-2012 Oct 19 j 21:08	23°♍22'08	
morning max el	-2012 Oct 28 j 10:03	28°♍23'02	21°12'05
	-2012 Oct 29 j 22:32	0°♎	
greatest brilliancy	-2012 Nov 02 j 20:01	4°♎40'01	-0.5m
desc. node	-2012 Nov 20 j 11:21	29°♎52'07	
	-2012 Nov 20 j 13:26	0°♏	
morning set	-2012 Nov 27 j 20:18	11°♏14'50	
max. Earth dist.	-2012 Dec 05 j 17:55	23°♏54'07	1.42412 AU
	-2012 Dec 09 j 10:23	0°♐	
superior conj	-2012 Dec 12 j 22:28	5°♐55'26	-1°-53'-17
minimum elong	-2012 Dec 12 j 18:55	5°♐40'15	1°53'11
evening rise	-2012 Dec 24 j 08:54	26°♐06'17	
	-2012 Dec 26 j 12:45	0°♑	
asc. node	-2011 Jan 06 j 08:57	18°♑03'20	
evening max el	-2011 Jan 10 j 01:33	22°♑29'03	18°08'11
retrograde	-2011 Jan 16 j 18:11	25°♑55'35	
evening set	-2011 Jan 19 j 09:46	25°♑23'21	
inferior conj	-2011 Jan 26 j 01:51	20°♑22'37	3°56'46
minimum elong	-2011 Jan 26 j 02:00	20°♑22'16	3°56'44
min. Earth dist.	-2011 Jan 29 j 03:50	17°♑25'20	0.61345 AU
morning rise	-2011 Feb 01 j 15:43	14°♑34'57	
direct	-2011 Feb 08 j 14:06	12°♑12'05	
desc. node	-2011 Feb 16 j 10:31	14°♑51'15	
morning max el	-2011 Feb 22 j 16:29	19°♑58'26	27°39'43
	-2011 Mar 03 j 07:14	0°♒	
	-2011 Mar 21 j 21:00	0°♓	
morning set	-2011 Mar 27 j 05:55	10°♓36'44	
max. Earth dist.	-2011 Apr 02 j 08:39	23°♓34'08	1.32592 AU
superior conj	-2011 Apr 03 j 13:43	26°♓12'19	0°-8'-9
minimum elong	-2011 Apr 03 j 14:06	26°♓14'21	0°08'06
behind sun begin	-2011 Apr 03 j 09:42	25°♓50'25	
behind sun end	-2011 Apr 03 j 18:29	26°♓38'19	
asc. node	-2011 Apr 04 j 08:19	27°♓53'44	
	-2011 Apr 05 j 07:26	0°♈	
evening rise	-2011 Apr 10 j 13:30	11°♈19'48	
	-2011 Apr 20 j 03:43	0°♉	
evening max el	-2011 May 06 j 14:35	22°♉34'25	24°54'36
desc. node	-2011 May 15 j 09:38	28°♉38'00	
retrograde	-2011 May 20 j 14:44	29°♉40'37	
evening set	-2011 May 25 j 16:50	28°♉41'31	
min. Earth dist.	-2011 May 31 j 02:30	25°♉49'54	0.57367 AU
inferior conj	-2011 Jun 03 j 02:07	23°♉50'49	-4°-11'-49
minimum elong	-2011 Jun 02 j 21:49	23°♉58'03	4°11'13
morning rise	-2011 Jun 11 j 06:44	19°♉40'13	
direct	-2011 Jun 13 j 19:19	19°♉21'46	
morning max el	-2011 Jun 22 j 18:00	23°♉32'08	19°11'14
	-2011 Jun 28 j 03:57	0°♊	
asc. node	-2011 Jul 01 j 07:38	4°♊54'54	
morning set	-2011 Jul 09 j 15:42	20°♊27'01	
	-2011 Jul 14 j 11:00	0°♋	
superior conj	-2011 Jul 18 j 00:00	6°♋56'47	1°48'11
minimum elong	-2011 Jul 17 j 23:42	6°♋55'19	1°48'13
max. Earth dist.	-2011 Jul 24 j 10:24	19°♋03'04	1.38270 AU
evening rise	-2011 Jul 28 j 07:36	25°♋59'04	
	-2011 Jul 30 j 15:24	0°♌	
desc. node	-2011 Aug 11 j 08:59	18°♌49'33	
	-2011 Aug 19 j 02:40	0°♍	

evening max el	-2011 Sep 02 j 00:19	16°♍52'25	24°49'25
retrograde	-2011 Sep 13 j 14:05	23°♍36'40	
evening set	-2011 Sep 19 j 04:55	21°♍14'34	
min. Earth dist.	-2011 Sep 23 j 19:32	15°♍59'46	0.67196 AU
inferior conj	-2011 Sep 24 j 15:33	14°♍53'24	0°-54'-6
minimum elong	-2011 Sep 24 j 16:51	14°♍49'03	0°53'33
asc. node	-2011 Sep 27 j 06:48	11°♍33'29	
morning rise	-2011 Sep 30 j 05:11	8°♍48'24	
direct	-2011 Oct 03 j 18:50	7°♍34'55	
morning max el	-2011 Oct 11 j 09:43	11°♍58'40	20°01'16
greatest brilliancy	-2011 Oct 18 j 17:29	20°♍59'52	-0.6m
	-2011 Oct 24 j 23:26	0°♎	
morning set	-2011 Nov 06 j 17:28	19°♎24'22	
desc. node	-2011 Nov 07 j 08:23	20°♎22'05	
	-2011 Nov 13 j 12:30	0°♏	
max. Earth dist.	-2011 Nov 18 j 04:40	7°♏24'22	1.43905 AU
superior conj	-2011 Nov 23 j 07:46	15°♏40'38	-1°-31'-39
minimum elong	-2011 Nov 23 j 00:30	15°♏11'04	1°31'01
	-2011 Dec 01 j 22:50	0°♐	
evening rise	-2011 Dec 06 j 14:00	7°♐53'41	
	-2011 Dec 19 j 23:33	0°♑	
asc. node	-2011 Dec 24 j 06:00	5°♑23'28	
evening max el	-2011 Dec 24 j 14:02	5°♑44'10	18°14'13
retrograde	-2011 Dec 31 j 02:19	9°♑13'58	
evening set	-2010 Jan 02 j 21:45	8°♑32'54	
inferior conj	-2010 Jan 09 j 03:20	3°♑11'20	3°49'41
minimum elong	-2010 Jan 09 j 01:35	3°♑16'06	3°49'29
min. Earth dist.	-2010 Jan 11 j 15:30	0°♑28'22	0.63241 AU
	-2010 Jan 12 j 02:25	30°℞♐	
morning rise	-2010 Jan 15 j 03:43	27°♐12'13	
direct	-2010 Jan 22 j 04:12	24°♐27'54	
	-2010 Feb 02 j 13:09	0°♑	
desc. node	-2010 Feb 03 j 07:34	0°♑41'05	
morning max el	-2010 Feb 04 j 23:17	2°♑15'32	27°41'18
	-2010 Feb 25 j 13:45	0°♒	
morning set	-2010 Mar 11 j 05:47	24°♒53'37	
	-2010 Mar 13 j 18:03	0°♓	
max. Earth dist.	-2010 Mar 16 j 15:23	6°♓02'45	1.33103 AU
superior conj	-2010 Mar 18 j 22:10	10°♓55'16	0°-34'-7
minimum elong	-2010 Mar 18 j 23:44	11°♓03'46	0°33'49
asc. node	-2010 Mar 22 j 05:22	18°♓02'38	
evening rise	-2010 Mar 26 j 01:14	26°♓13'42	
	-2010 Mar 27 j 20:42	0°♈	
	-2010 Apr 15 j 04:07	0°♉	
evening max el	-2010 Apr 18 j 05:52	3°♉14'33	23°21'34
retrograde	-2010 May 01 j 18:33	9°♉58'21	
desc. node	-2010 May 02 j 06:39	9°♉57'46	
evening set	-2010 May 05 j 11:22	9°♉28'19	
min. Earth dist.	-2010 May 12 j 16:13	6°♉11'38	0.55859 AU
inferior conj	-2010 May 14 j 14:05	5°♉03'55	-3°-10'-28
minimum elong	-2010 May 14 j 07:28	5°♉13'43	3°08'45
morning rise	-2010 May 23 j 06:55	1°♉07'19	
direct	-2010 May 25 j 21:44	0°♉50'31	
morning max el	-2010 Jun 05 j 09:49	5°♉42'35	20°17'33
asc. node	-2010 Jun 18 j 04:42	23°♉57'33	
	-2010 Jun 21 j 08:20	0°♊	
morning set	-2010 Jun 23 j 20:15	5°♊00'35	
superior conj	-2010 Jul 01 j 14:41	20°♊53'49	1°42'45
minimum elong	-2010 Jul 01 j 12:55	20°♊44'54	1°42'41
	-2010 Jul 06 j 05:05	0°♋	
max. Earth dist.	-2010 Jul 06 j 16:02	0°♋52'51	1.36430 AU
evening rise	-2010 Jul 10 j 17:09	8°♋29'43	
	-2010 Jul 23 j 08:14	0°♌	
desc. node	-2010 Jul 29 j 06:00	8°♌56'44	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2010 Aug 15 j 00:34	0°♍	
evening max el	-2010 Aug 15 j 11:28	0°♍26'51	25°59'22
retrograde	-2010 Aug 27 j 22:21	7°♍33'17	
evening set	-2010 Sep 03 j 04:00	4°♍55'59	
min. Earth dist.	-2010 Sep 07 j 10:16	0°♍18'30	0.66560 AU
	-2010 Sep 07 j 16:11	30°℞♌	
inferior conj	-2010 Sep 08 j 17:45	28°♌39'27	-1°-48'-18
minimum elong	-2010 Sep 08 j 20:22	28°♌31'12	1°47'16
asc. node	-2010 Sep 14 j 03:52	22°♌59'47	
morning rise	-2010 Sep 14 j 13:31	22°♌44'22	
direct	-2010 Sep 17 j 17:08	21°♌47'15	
morning max el	-2010 Sep 24 j 16:36	25°♌43'17	19°04'39
	-2010 Sep 28 j 08:40	0°♍	
morning set	-2010 Oct 17 j 02:15	28°♍14'54	
	-2010 Oct 18 j 05:00	0°♎	
desc. node	-2010 Oct 25 j 05:27	11°♎01'06	
max. Earth dist.	-2010 Oct 31 j 20:58	21°♎28'11	1.44763 AU
superior conj	-2010 Nov 02 j 16:36	24°♎20'28	0°-52'-49
minimum elong	-2010 Nov 02 j 10:11	23°♎55'04	0°52'04
	-2010 Nov 06 j 06:15	0°♏	
evening rise	-2010 Nov 17 j 21:07	18°♏43'57	
	-2010 Nov 24 j 18:40	0°♐	
evening max el	-2010 Dec 08 j 01:57	19°♐07'00	18°38'38
asc. node	-2010 Dec 11 j 03:04	21°♐40'10	
retrograde	-2010 Dec 14 j 18:09	22°♐50'48	
evening set	-2010 Dec 17 j 18:29	21°♐59'37	
inferior conj	-2010 Dec 23 j 16:11	16°♐19'42	3°26'46
minimum elong	-2010 Dec 23 j 13:26	16°♐27'56	3°26'10
min. Earth dist.	-2010 Dec 25 j 13:14	14°♐05'11	0.64819 AU
morning rise	-2010 Dec 29 j 07:12	10°♐12'27	
direct	-2009 Jan 05 j 01:20	7°♐21'33	
morning max el	-2009 Jan 18 j 08:49	15°♐03'28	27°08'37
desc. node	-2009 Jan 21 j 04:40	18°♐02'36	
	-2009 Jan 30 j 15:49	0°♑	
	-2009 Feb 18 j 06:17	0°♒	
morning set	-2009 Feb 22 j 20:30	8°♒38'46	
max. Earth dist.	-2009 Feb 27 j 13:07	17°♒59'24	1.34034 AU
superior conj	-2009 Mar 03 j 02:08	25°♒20'06	0°-59'-31
minimum elong	-2009 Mar 03 j 04:48	25°♒34'08	0°59'05
	-2009 Mar 05 j 07:09	0°♓	
asc. node	-2009 Mar 09 j 02:25	8°♓03'37	
evening rise	-2009 Mar 10 j 11:47	10°♓58'39	
	-2009 Mar 20 j 11:09	0°♈	
evening max el	-2009 Mar 31 j 01:03	13°♈58'58	21°48'30
retrograde	-2009 Apr 12 j 11:29	20°♈01'49	
evening set	-2009 Apr 15 j 02:49	19°♈46'13	
desc. node	-2009 Apr 19 j 03:43	18°♈28'24	
inferior conj	-2009 Apr 24 j 11:37	15°♈42'31	-1°-29'-9
minimum elong	-2009 Apr 24 j 07:31	15°♈48'16	1°27'45
min. Earth dist.	-2009 Apr 24 j 05:37	15°♈50'56	0.55110 AU
morning rise	-2009 May 03 j 13:14	11°♈44'39	
direct	-2009 May 06 j 10:30	11°♈26'13	
morning max el	-2009 May 18 j 14:44	17°♈10'47	21°42'29
	-2009 May 28 j 15:27	0°♉	
asc. node	-2009 Jun 05 j 01:47	13°♉26'24	
morning set	-2009 Jun 08 j 05:11	19°♉49'10	
	-2009 Jun 13 j 01:35	0°♊	
superior conj	-2009 Jun 15 j 14:26	5°♊19'23	1°30'58
minimum elong	-2009 Jun 15 j 11:57	5°♊06'27	1°30'44
max. Earth dist.	-2009 Jun 19 j 05:30	12°♊47'28	1.34896 AU
evening rise	-2009 Jun 23 j 20:01	21°♊52'47	
	-2009 Jun 28 j 04:28	0°♋	
desc. node	-2009 Jul 16 j 03:00	28°♋38'22	
	-2009 Jul 17 j 02:52	0°♌	
evening max el	-2009 Jul 28 j 22:57	13°♌56'47	26°52'38
retrograde	-2009 Aug 11 j 01:40	21°♌15'22	
evening set	-2009 Aug 17 j 19:59	18°♌29'39	
min. Earth dist.	-2009 Aug 21 j 18:34	14°♌30'23	0.65564 AU
inferior conj	-2009 Aug 23 j 14:43	12°♌21'11	-2°-40'-16
minimum elong	-2009 Aug 23 j 18:25	12°♌10'19	2°39'00
morning rise	-2009 Aug 29 j 18:07	6°♌39'10	
asc. node	-2009 Sep 01 j 00:58	5°♌56'30	
direct	-2009 Sep 01 j 14:05	5°♌54'50	
morning max el	-2009 Sep 08 j 04:46	9°♌32'18	18°23'58
	-2009 Sep 22 j 09:42	0°♍	
morning set	-2009 Sep 27 j 13:16	8°♍23'35	
	-2009 Oct 10 j 23:54	0°♎	
desc. node	-2009 Oct 12 j 02:28	1°♎45'03	
superior conj	-2009 Oct 12 j 16:37	2°♎40'55	0°-3'-49
minimum elong	-2009 Oct 12 j 16:06	2°♎38'54	0°03'47
behind sun begin	-2009 Oct 12 j 05:07	1°♎55'31	
behind sun end	-2009 Oct 13 j 03:05	3°♎22'16	
max. Earth dist.	-2009 Oct 14 j 15:09	5°♎44'25	1.44894 AU
evening rise	-2009 Oct 29 j 03:50	28°♎32'47	
	-2009 Oct 30 j 02:03	0°♏	
greatest brilliancy	-2009 Nov 11 j 20:38	19°♏50'09	-0.7m
	-2009 Nov 19 j 04:36	0°♐	
evening max el	-2009 Nov 21 j 10:57	2°♐33'26	19°20'18
asc. node	-2009 Nov 28 j 00:06	6°♐38'13	
retrograde	-2009 Nov 28 j 14:08	6°♐40'09	
evening set	-2009 Dec 01 j 21:08	5°♐36'56	
	-2009 Dec 07 j 07:25	30°℞♏	
inferior conj	-2009 Dec 07 j 13:06	29°♏41'47	2°52'42
minimum elong	-2009 Dec 07 j 10:07	29°♏51'19	2°51'48
min. Earth dist.	-2009 Dec 08 j 19:58	28°♏02'46	0.66022 AU
morning rise	-2009 Dec 12 j 22:17	23°♏29'05	
direct	-2009 Dec 19 j 04:46	20°♏44'38	
morning max el	-2009 Dec 31 j 18:24	28°♏09'10	26°08'35
	-2008 Jan 02 j 12:59	0°♐	
desc. node	-2008 Jan 08 j 01:46	6°♐29'02	
	-2008 Jan 24 j 09:25	0°♑	
morning set	-2008 Feb 05 j 22:03	21°♑40'09	
max. Earth dist.	-2008 Feb 09 j 23:06	29°♑21'38	1.35416 AU
	-2008 Feb 10 j 06:59	0°♒	
superior conj	-2008 Feb 14 j 23:17	9°♒19'57	-1°-22'-56
minimum elong	-2008 Feb 15 j 02:40	9°♒37'12	1°22'30
evening rise	-2008 Feb 22 j 19:16	25°♒28'43	
asc. node	-2008 Feb 23 j 23:27	27°♒52'22	
	-2008 Feb 25 j 00:47	0°♓	
evening max el	-2008 Mar 12 j 05:48	25°♓12'43	20°26'47
	-2008 Mar 20 j 02:17	0°♈	
retrograde	-2008 Mar 23 j 01:20	0°♈22'45	
evening set	-2008 Mar 25 j 06:39	0°♈10'35	
	-2008 Mar 26 j 02:41	30°℞♓	
inferior conj	-2008 Apr 03 j 07:26	26°♓12'52	0°29'01
minimum elong	-2008 Apr 03 j 08:45	26°♓10'57	0°28'34
min. Earth dist.	-2008 Apr 04 j 19:46	25°♓19'45	0.55309 AU
desc. node	-2008 Apr 05 j 00:47	25°♓12'30	
morning rise	-2008 Apr 12 j 08:44	21°♓54'50	
direct	-2008 Apr 15 j 23:07	21°♓26'37	
morning max el	-2008 Apr 29 j 10:20	28°♓02'08	23°19'54
	-2008 May 01 j 09:16	0°♈	
	-2008 May 20 j 08:57	0°♉	
asc. node	-2008 May 21 j 22:50	3°♉14'24	
morning set	-2008 May 22 j 16:34	4°♉46'48	
superior conj	-2008 May 29 j 20:16	20°♉04'07	1°14'23
minimum elong	-2008 May 29 j 17:43	19°♉50'27	1°14'03
max. Earth dist.	-2008 Jun 01 j 04:45	25°♉04'11	1.33743 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2008 Jun 03 j 13:30	0°♊	
evening rise	-2008 Jun 06 j 11:34	5°♊54'51	
	-2008 Jun 19 j 19:29	0°♋	
desc. node	-2008 Jul 02 j 00:00	17°♋43'35	
evening max el	-2008 Jul 10 j 10:09	27°♋12'46	27°21'48
	-2008 Jul 13 j 14:07	0°♌	
retrograde	-2008 Jul 23 j 23:24	4°♌34'44	
evening set	-2008 Jul 31 j 02:00	1°♌51'11	
	-2008 Aug 02 j 05:30	30°℞♋	
min. Earth dist.	-2008 Aug 03 j 18:25	28°♋27'50	0.64195 AU
inferior conj	-2008 Aug 06 j 04:03	25°♋54'11	-3°-27'-23
minimum elong	-2008 Aug 06 j 08:18	25°♋42'48	3°26'14
morning rise	-2008 Aug 12 j 16:25	20°♋28'20	
direct	-2008 Aug 15 j 07:11	19°♋53'25	
asc. node	-2008 Aug 17 j 22:03	20°♋28'34	
morning max el	-2008 Aug 21 j 19:41	23°♋20'38	18°00'26
	-2008 Aug 27 j 02:18	0°♌	
morning set	-2008 Sep 08 j 03:34	19°♌51'00	
	-2008 Sep 14 j 03:22	0°♍	
superior conj	-2008 Sep 21 j 06:05	11°♍44'21	0°42'46
minimum elong	-2008 Sep 21 j 10:36	12°♍02'41	0°42'12
max. Earth dist.	-2008 Sep 26 j 08:25	19°♍56'00	1.44306 AU
desc. node	-2008 Sep 27 j 23:27	22°♍30'52	
	-2008 Oct 02 j 17:48	0°♎	
evening rise	-2008 Oct 07 j 14:41	7°♎33'12	
	-2008 Oct 22 j 10:34	0°♏	
greatest brilliancy	-2008 Oct 28 j 01:29	7°♏59'06	-0.6m
evening max el	-2008 Nov 03 j 15:08	16°♏00'36	20°17'13
retrograde	-2008 Nov 11 j 11:31	20°♏37'34	
asc. node	-2008 Nov 13 j 21:10	20°♏04'20	
evening set	-2008 Nov 15 j 03:19	19°♏19'55	
inferior conj	-2008 Nov 20 j 15:22	13°♏12'43	2°10'37
minimum elong	-2008 Nov 20 j 12:46	13°♏21'28	2°09'39
min. Earth dist.	-2008 Nov 21 j 09:32	12°♏11'38	0.66864 AU
morning rise	-2008 Nov 25 j 21:38	6°♏57'04	
direct	-2008 Dec 01 j 13:38	4°♏28'26	
morning max el	-2008 Dec 13 j 02:52	11°♏21'16	24°50'15
desc. node	-2008 Dec 24 j 22:48	25°♏40'28	
	-2008 Dec 28 j 01:26	0°♐	
	-2007 Jan 16 j 02:29	0°♑	
morning set	-2007 Jan 18 j 04:53	3°♑40'46	
max. Earth dist.	-2007 Jan 21 j 22:18	10°♑24'17	1.37219 AU
superior conj	-2007 Jan 28 j 10:22	22°♑44'48	-1°-42'-26
minimum elong	-2007 Jan 28 j 13:43	23°♑01'08	1°42'11
	-2007 Feb 01 j 02:25	0°♒	
evening rise	-2007 Feb 05 j 21:23	9°♒36'13	
asc. node	-2007 Feb 09 j 20:28	17°♒22'45	
	-2007 Feb 17 j 03:53	0°♓	
evening max el	-2007 Feb 22 j 21:27	7°♓03'08	19°22'27
retrograde	-2007 Mar 04 j 00:39	11°♓24'50	
evening set	-2007 Mar 06 j 06:50	11°♓10'03	
inferior conj	-2007 Mar 14 j 15:11	7°♓02'22	2°11'15
minimum elong	-2007 Mar 14 j 19:43	6°♓54'53	2°09'54
min. Earth dist.	-2007 Mar 17 j 10:38	5°♓11'52	0.56406 AU
desc. node	-2007 Mar 22 j 21:51	2°♓20'06	
morning rise	-2007 Mar 23 j 04:47	2°♓13'49	
direct	-2007 Mar 27 j 22:12	1°♓22'45	
morning max el	-2007 Apr 11 j 01:10	8°♓34'20	24°58'47
	-2007 Apr 26 j 21:48	0°♈	
morning set	-2007 May 07 j 04:39	19°♈47'17	
asc. node	-2007 May 08 j 19:51	23°♈15'10	
	-2007 May 11 j 22:47	0°♉	
superior conj	-2007 May 14 j 05:51	4°♉59'45	0°54'12
minimum elong	-2007 May 14 j 03:43	4°♉48'09	0°53'50

max. Earth dist.	-2007 May 15 j 12:07	7°♉43'59	1.32967 AU
evening rise	-2007 May 21 j 11:57	20°♉23'38	
	-2007 May 26 j 08:42	0°♊	
	-2007 Jun 13 j 23:56	0°♋	
desc. node	-2007 Jun 18 j 21:01	5°♋57'02	
evening max el	-2007 Jun 22 j 18:58	10°♋01'48	27°20'54
retrograde	-2007 Jul 06 j 14:42	17°♋22'11	
evening set	-2007 Jul 13 j 18:21	14°♋54'07	
min. Earth dist.	-2007 Jul 17 j 08:20	11°♋59'20	0.62473 AU
inferior conj	-2007 Jul 20 j 06:50	9°♋11'44	-4°-5'-40
minimum elong	-2007 Jul 20 j 10:38	9°♋02'41	4°04'59
morning rise	-2007 Jul 27 j 05:20	4°♋05'18	
direct	-2007 Jul 29 j 17:22	3°♋37'01	
asc. node	-2007 Aug 04 j 19:06	6°♋25'37	
morning max el	-2007 Aug 05 j 10:39	7°♋02'12	17°55'05
	-2007 Aug 20 j 08:12	0°♌	
morning set	-2007 Aug 21 j 15:59	2°♌22'10	
superior conj	-2007 Sep 01 j 21:56	22°♌06'27	1°17'44
minimum elong	-2007 Sep 02 j 03:11	22°♌28'44	1°17'13
	-2007 Sep 06 j 14:58	0°♍	
max. Earth dist.	-2007 Sep 08 j 22:21	3°♍46'58	1.43075 AU
desc. node	-2007 Sep 14 j 20:26	13°♍15'41	
evening rise	-2007 Sep 16 j 20:46	16°♍25'06	
	-2007 Sep 25 j 18:04	0°♎	
greatest brilliancy	-2007 Oct 12 j 11:44	23°♎36'50	-0.4m
evening max el	-2007 Oct 17 j 13:29	29°♎28'01	21°26'29
	-2007 Oct 18 j 02:14	0°♏	
retrograde	-2007 Oct 26 j 08:17	4°♏40'53	
evening set	-2007 Oct 30 j 11:07	3°♏06'23	
asc. node	-2007 Oct 31 j 18:14	1°♏57'12	
	-2007 Nov 02 j 11:48	30°℞♎	
inferior conj	-2007 Nov 04 j 20:50	26°♎50'28	1°22'51
minimum elong	-2007 Nov 04 j 19:01	26°♎56'42	1°22'06
min. Earth dist.	-2007 Nov 05 j 03:40	26°♎26'57	0.67365 AU
morning rise	-2007 Nov 10 j 02:38	20°♎34'21	
direct	-2007 Nov 15 j 03:13	18°♎26'44	
morning max el	-2007 Nov 25 j 11:52	24°♎37'06	23°23'43
	-2007 Nov 30 j 07:31	0°♏	
greatest brilliancy	-2007 Dec 01 j 00:45	0°♏52'25	-0.2m
desc. node	-2007 Dec 11 j 19:49	15°♏24'11	
	-2007 Dec 21 j 13:17	0°♐	
morning set	-2007 Dec 30 j 10:49	14°♐24'37	
max. Earth dist.	-2006 Jan 03 j 17:39	21°♐44'51	1.39287 AU
	-2006 Jan 08 j 08:55	0°♑	
superior conj	-2006 Jan 11 j 07:24	5°♑24'02	-1°-55'-19
minimum elong	-2006 Jan 11 j 09:24	5°♑33'21	1°55'18
evening rise	-2006 Jan 20 j 15:33	23°♑14'43	
	-2006 Jan 24 j 04:20	0°♒	
asc. node	-2006 Jan 27 j 17:29	6°♒28'29	
evening max el	-2006 Feb 05 j 22:28	19°♒27'09	18°37'48
retrograde	-2006 Feb 13 j 18:04	23°♒15'23	
evening set	-2006 Feb 16 j 04:00	22°♒54'55	
inferior conj	-2006 Feb 23 j 18:40	18°♒28'06	3°18'41
minimum elong	-2006 Feb 23 j 22:39	18°♒20'27	3°17'54
min. Earth dist.	-2006 Feb 27 j 03:42	15°♒53'51	0.58142 AU
morning rise	-2006 Mar 03 j 13:30	13°♒10'27	
direct	-2006 Mar 09 j 10:13	11°♒44'32	
desc. node	-2006 Mar 09 j 18:55	11°♒44'52	
morning max el	-2006 Mar 23 j 17:33	19°♒16'28	26°24'13
	-2006 Apr 01 j 19:27	0°♓	
	-2006 Apr 19 j 08:34	0°♈	
morning set	-2006 Apr 21 j 15:50	4°♈44'55	
asc. node	-2006 Apr 25 j 16:52	13°♈23'58	
superior conj	-2006 Apr 28 j 17:17	19°♈59'54	0°31'20

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2006 Apr 28 j 15:57	19°♈52'32	0°31'04
max. Earth dist.	-2006 Apr 29 j 00:19	20°♈38'26	1.32547 AU
	-2006 May 03 j 07:43	0°♉	
evening rise	-2006 May 05 j 18:17	5°♉09'29	
	-2006 May 19 j 01:30	0°♊	
evening max el	-2006 Jun 04 j 22:39	22°♊11'27	26°46'58
desc. node	-2006 Jun 05 j 18:03	22°♊56'42	
retrograde	-2006 Jun 18 j 22:26	29°♊29'01	
evening set	-2006 Jun 25 j 16:40	27°♊29'49	
min. Earth dist.	-2006 Jun 29 j 12:06	24°♊50'08	0.60494 AU
inferior conj	-2006 Jul 02 j 19:36	22°♊04'49	-4°-28'-56
minimum elong	-2006 Jul 02 j 21:22	22°♊01'08	4°28'48
morning rise	-2006 Jul 10 j 05:13	17°♊20'29	
direct	-2006 Jul 12 j 16:32	16°♊56'54	
morning max el	-2006 Jul 19 j 22:47	20°♊29'39	18°08'49
asc. node	-2006 Jul 22 j 16:09	23°♊32'05	
	-2006 Jul 27 j 02:35	0°♋	
morning set	-2006 Aug 04 j 20:45	15°♋40'45	
	-2006 Aug 12 j 13:59	0°♌	
superior conj	-2006 Aug 14 j 16:24	3°♌47'41	1°38'51
minimum elong	-2006 Aug 14 j 19:43	4°♌02'31	1°38'39
max. Earth dist.	-2006 Aug 22 j 06:55	17°♌01'02	1.41360 AU
evening rise	-2006 Aug 27 j 16:37	25°♌56'16	
	-2006 Aug 30 j 05:29	0°♍	
desc. node	-2006 Sep 01 j 17:26	3°♍55'43	
	-2006 Sep 19 j 13:46	0°♎	
greatest brilliancy	-2006 Sep 25 j 08:34	7°♎26'14	-0.3m
evening max el	-2006 Sep 30 j 06:05	12°♎55'27	22°44'08
retrograde	-2006 Oct 10 j 02:56	18°♎46'59	
evening set	-2006 Oct 14 j 18:44	16°♎53'53	
asc. node	-2006 Oct 18 j 15:17	12°♎36'47	
inferior conj	-2006 Oct 20 j 03:38	10°♎32'49	0°31'13
minimum elong	-2006 Oct 20 j 02:55	10°♎35'19	0°30'55
min. Earth dist.	-2006 Oct 19 j 23:57	10°♎45'30	0.67542 AU
morning rise	-2006 Oct 25 j 11:02	4°♎18'47	
direct	-2006 Oct 29 j 20:42	2°♎33'35	
morning max el	-2006 Nov 08 j 00:44	7°♎58'48	21°58'06
greatest brilliancy	-2006 Nov 12 j 19:50	13°♎24'55	-0.4m
	-2006 Nov 24 j 23:11	0°♏	
desc. node	-2006 Nov 28 j 16:51	5°♏30'42	
morning set	-2006 Dec 10 j 11:47	23°♏44'28	
	-2006 Dec 14 j 08:25	0°♐	
max. Earth dist.	-2006 Dec 16 j 16:43	3°♐53'04	1.41346 AU
superior conj	-2006 Dec 24 j 09:12	17°♐04'28	-1°-58'00
minimum elong	-2006 Dec 24 j 08:06	16°♐59'36	1°58'03
	-2006 Dec 31 j 13:03	0°♑	
evening rise	-2005 Jan 03 j 22:34	6°♑16'44	
asc. node	-2005 Jan 14 j 14:31	25°♑01'40	
	-2005 Jan 18 j 04:27	0°♒	
evening max el	-2005 Jan 20 j 06:14	2°♒17'19	18°13'16
retrograde	-2005 Jan 27 j 05:45	5°♒48'00	
evening set	-2005 Jan 29 j 19:14	5°♒20'26	
inferior conj	-2005 Feb 05 j 18:39	0°♒31'59	3°51'05
minimum elong	-2005 Feb 05 j 20:13	0°♒28'28	3°50'56
	-2005 Feb 06 j 08:54	30°℞♑	
min. Earth dist.	-2005 Feb 09 j 02:02	27°♑36'02	0.60166 AU
morning rise	-2005 Feb 12 j 18:08	24°♑52'48	
direct	-2005 Feb 19 j 10:09	22°♑48'53	
desc. node	-2005 Feb 24 j 15:59	23°♑59'51	
	-2005 Mar 05 j 02:26	0°♒	
morning max el	-2005 Mar 05 j 15:46	0°♒32'10	27°22'17
	-2005 Mar 26 j 19:32	0°♓	
morning set	-2005 Apr 06 j 00:22	19°♓33'35	
	-2005 Apr 10 j 22:10	0°♈	
max. Earth dist.	-2005 Apr 12 j 13:30	3°♈34'27	1.32470 AU
asc. node	-2005 Apr 12 j 13:53	3°♈36'34	
superior conj	-2005 Apr 13 j 04:56	4°♈58'52	0°06'37
minimum elong	-2005 Apr 13 j 04:38	4°♈57'13	0°06'33
behind sun begin	-2005 Apr 13 j 00:02	4°♈32'03	
behind sun end	-2005 Apr 13 j 09:14	5°♈22'24	
evening rise	-2005 Apr 20 j 04:16	20°♈04'32	
	-2005 Apr 25 j 01:32	0°♉	
	-2005 May 14 j 08:37	0°♊	
evening max el	-2005 May 17 j 19:40	3°♊37'14	25°42'23
desc. node	-2005 May 23 j 15:05	8°♊12'57	
retrograde	-2005 May 31 j 21:16	10°♊50'26	
evening set	-2005 Jun 06 j 17:18	9°♊29'08	
min. Earth dist.	-2005 Jun 11 j 07:54	6°♊46'40	0.58451 AU
inferior conj	-2005 Jun 14 j 14:49	4°♊24'27	-4°-27'-56
minimum elong	-2005 Jun 14 j 12:53	4°♊27'57	4°27'48
morning rise	-2005 Jun 22 j 12:22	0°♊02'46	
	-2005 Jun 22 j 16:45	30°℞♉	
direct	-2005 Jun 25 j 00:14	29°♉42'48	
	-2005 Jun 27 j 06:19	0°♊	
morning max el	-2005 Jul 03 j 05:13	3°♊35'10	18°42'34
asc. node	-2005 Jul 09 j 13:12	11°♊33'32	
morning set	-2005 Jul 19 j 13:21	29°♊35'15	
	-2005 Jul 19 j 18:27	0°♋	
superior conj	-2005 Jul 28 j 08:21	16°♋34'04	1°47'40
minimum elong	-2005 Jul 28 j 09:14	16°♋38'15	1°47'41
max. Earth dist.	-2005 Aug 04 j 10:12	29°♋29'54	1.39400 AU
	-2005 Aug 04 j 17:02	0°♌	
evening rise	-2005 Aug 08 j 12:57	6°♌37'18	
desc. node	-2005 Aug 19 j 14:26	24°♌27'06	
	-2005 Aug 23 j 06:56	0°♍	
evening max el	-2005 Sep 12 j 18:38	26°♍24'57	24°04'34
	-2005 Sep 16 j 20:16	0°♎	
retrograde	-2005 Sep 23 j 18:19	2°♎52'46	
evening set	-2005 Sep 29 j 00:30	0°♎40'46	
	-2005 Sep 29 j 18:24	30°℞♍	
inferior conj	-2005 Oct 04 j 10:03	24°♍18'18	0°-22'-39
minimum elong	-2005 Oct 04 j 10:35	24°♍16'28	0°22'25
min. Earth dist.	-2005 Oct 03 j 20:05	25°♍05'35	0.67410 AU
asc. node	-2005 Oct 05 j 12:21	22°♍50'02	
morning rise	-2005 Oct 09 j 20:55	18°♍09'05	
direct	-2005 Oct 13 j 17:11	16°♍44'56	
morning max el	-2005 Oct 21 j 20:11	21°♍29'14	20°40'24
greatest brilliancy	-2005 Oct 27 j 22:16	28°♍42'24	-0.5m
	-2005 Oct 28 j 21:39	0°♎	
desc. node	-2005 Nov 15 j 13:53	25°♎53'28	
	-2005 Nov 18 j 05:55	0°♏	
morning set	-2005 Nov 19 j 13:34	2°♏02'40	
max. Earth dist.	-2005 Nov 28 j 22:45	16°♏54'15	1.43111 AU
superior conj	-2005 Dec 05 j 10:16	27°♏33'23	-1°-46'-17
minimum elong	-2005 Dec 05 j 04:53	27°♏10'52	1°45'59
	-2005 Dec 06 j 21:12	0°♐	
evening rise	-2005 Dec 17 j 14:26	18°♐33'55	
	-2005 Dec 24 j 02:52	0°♑	
asc. node	-2004 Jan 01 j 11:35	12°♑52'05	
evening max el	-2004 Jan 03 j 17:48	15°♑25'28	18°08'25
retrograde	-2004 Jan 10 j 07:42	18°♑52'15	
evening set	-2004 Jan 13 j 00:41	18°♑16'35	
inferior conj	-2004 Jan 19 j 11:59	13°♑06'51	3°56'06
minimum elong	-2004 Jan 19 j 11:13	13°♑08'49	3°56'02
min. Earth dist.	-2004 Jan 22 j 08:33	10°♑13'07	0.62178 AU
morning rise	-2004 Jan 25 j 19:33	7°♑13'29	
direct	-2004 Feb 01 j 19:56	4°♑39'31	
desc. node	-2004 Feb 11 j 13:04	8°♑41'49	
morning max el	-2004 Feb 15 j 19:58	12°♑28'04	27°44'52

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2004 Feb 29 j 19:26	0°♒	
	-2004 Mar 18 j 03:19	0°♓	
morning set	-2004 Mar 20 j 04:07	4°♓04'36	
max. Earth dist.	-2004 Mar 25 j 23:35	16°♓16'14	1.32755 AU
superior conj	-2004 Mar 27 j 15:03	19°♓49'29	0°-19'-10
minimum elong	-2004 Mar 27 j 15:56	19°♓54'18	0°19'00
asc. node	-2004 Mar 29 j 10:56	23°♓47'57	
	-2004 Apr 01 j 07:33	0°♈	
evening rise	-2004 Apr 03 j 15:51	5°♈00'33	
	-2004 Apr 17 j 02:06	0°♉	
evening max el	-2004 Apr 28 j 11:35	14°♉27'28	24°15'57
desc. node	-2004 May 09 j 12:08	21°♉08'15	
retrograde	-2004 May 12 j 08:55	21°♉27'05	
evening set	-2004 May 16 j 20:31	20°♉42'08	
min. Earth dist.	-2004 May 22 j 23:12	17°♉41'01	0.56647 AU
inferior conj	-2004 May 25 j 13:59	16°♉02'07	-3°-51'-12
minimum elong	-2004 May 25 j 08:15	16°♉11'13	3°50'06
morning rise	-2004 Jun 02 j 23:57	11°♉58'53	
direct	-2004 Jun 05 j 13:01	11°♉41'31	
morning max el	-2004 Jun 15 j 03:04	16°♉08'11	19°36'59
asc. node	-2004 Jun 25 j 10:16	0°♊16'33	
	-2004 Jun 25 j 06:29	0°♊	
morning set	-2004 Jul 02 j 14:18	13°♊56'06	
superior conj	-2004 Jul 10 j 16:04	0°♋08'44	1°46'45
minimum elong	-2004 Jul 10 j 15:02	0°♋03'42	1°46'46
	-2004 Jul 10 j 14:17	0°♋	
max. Earth dist.	-2004 Jul 16 j 12:44	11°♋24'33	1.37455 AU
evening rise	-2004 Jul 20 j 10:06	18°♋30'46	
	-2004 Jul 27 j 02:20	0°♌	
desc. node	-2004 Aug 05 j 11:27	14°♌44'36	
	-2004 Aug 16 j 11:57	0°♍	
evening max el	-2004 Aug 25 j 05:46	9°♍58'07	25°20'46
retrograde	-2004 Sep 06 j 05:29	16°♍53'50	
evening set	-2004 Sep 12 j 02:37	14°♍24'47	
min. Earth dist.	-2004 Sep 16 j 13:35	9°♍25'23	0.66960 AU
inferior conj	-2004 Sep 17 j 14:20	8°♍04'52	-1°-17'-14
minimum elong	-2004 Sep 17 j 16:12	7°♍58'45	1°16'27
asc. node	-2004 Sep 21 j 09:27	3°♍35'25	
morning rise	-2004 Sep 23 j 06:22	2°♍03'30	
direct	-2004 Sep 26 j 15:23	0°♍57'29	
morning max el	-2004 Oct 03 j 23:03	5°♍08'46	19°35'16
greatest brilliancy	-2004 Oct 12 j 14:43	16°♍10'34	-0.7m
	-2004 Oct 21 j 19:54	0°♎	
morning set	-2004 Oct 28 j 12:50	10°♎21'39	
desc. node	-2004 Nov 01 j 10:54	16°♎27'35	
	-2004 Nov 10 j 01:48	0°♏	
max. Earth dist.	-2004 Nov 10 j 11:40	0°♏39'04	1.44347 AU
superior conj	-2004 Nov 14 j 08:16	6°♏48'10	-1°-17'-5
minimum elong	-2004 Nov 14 j 00:35	6°♏17'24	1°16'18
evening rise	-2004 Nov 28 j 10:41	29°♏57'54	
	-2004 Nov 28 j 11:11	0°♐	
evening max el	-2004 Dec 17 j 06:27	28°♐45'12	18°22'29
asc. node	-2004 Dec 18 j 08:39	29°♐47'34	
	-2004 Dec 18 j 14:23	0°♑	
retrograde	-2004 Dec 23 j 19:29	2°♑19'38	
evening set	-2004 Dec 26 j 16:48	1°♑34'33	
	-2004 Dec 28 j 23:32	30°℞♐	
inferior conj	-2003 Jan 01 j 18:47	26°♐05'11	3°41'36
minimum elong	-2003 Jan 01 j 16:30	26°♐11'40	3°41'13
min. Earth dist.	-2003 Jan 04 j 00:39	23°♐32'43	0.63955 AU
morning rise	-2003 Jan 07 j 14:43	20°♐02'19	
direct	-2003 Jan 14 j 13:29	17°♐13'01	
morning max el	-2003 Jan 28 j 04:10	24°♐59'43	27°31'11
desc. node	-2003 Jan 28 j 10:08	25°♐14'40	

	-2003 Feb 01 j 18:30	0°♑	
	-2003 Feb 22 j 05:17	0°♒	
morning set	-2003 Mar 04 j 00:32	18°♒09'35	
max. Earth dist.	-2003 Mar 09 j 02:44	28°♒31'32	1.33444 AU
	-2003 Mar 09 j 19:38	0°♓	
superior conj	-2003 Mar 11 j 21:53	4°♓26'01	0°-45'-2
minimum elong	-2003 Mar 11 j 23:57	4°♓37'02	0°44'39
asc. node	-2003 Mar 16 j 07:59	13°♓54'12	
evening rise	-2003 Mar 19 j 03:19	19°♓51'31	
	-2003 Mar 24 j 03:30	0°♈	
evening max el	-2003 Apr 10 j 03:52	25°♈06'31	22°41'14
	-2003 Apr 16 j 20:56	0°♉	
retrograde	-2003 Apr 23 j 07:28	1°♉34'34	
evening set	-2003 Apr 26 j 11:33	1°♉12'35	
desc. node	-2003 Apr 26 j 09:11	1°♉13'54	
	-2003 Apr 30 j 01:36	30°℞♈	
min. Earth dist.	-2003 May 04 j 12:50	27°♈41'22	0.55436 AU
inferior conj	-2003 May 05 j 18:43	26°♈58'37	-2°-31'-34
minimum elong	-2003 May 05 j 12:32	27°♈07'28	2°29'43
morning rise	-2003 May 14 j 15:57	23°♈03'14	
direct	-2003 May 17 j 08:37	22°♈46'18	
morning max el	-2003 May 28 j 14:11	28°♈00'29	20°51'32
	-2003 May 30 j 13:39	0°♉	
asc. node	-2003 Jun 12 j 07:20	19°♉31'03	
morning set	-2003 Jun 16 j 20:56	28°♉36'22	
	-2003 Jun 17 j 13:12	0°♊	
superior conj	-2003 Jun 24 j 10:58	14°♊18'36	1°38'24
minimum elong	-2003 Jun 24 j 08:49	14°♊07'33	1°38'17
max. Earth dist.	-2003 Jun 28 j 21:13	23°♊13'08	1.35740 AU
	-2003 Jul 02 j 09:31	0°♋	
evening rise	-2003 Jul 03 j 03:39	1°♋25'23	
	-2003 Jul 20 j 03:26	0°♌	
desc. node	-2003 Jul 23 j 08:28	4°♌41'40	
evening max el	-2003 Aug 07 j 17:15	23°♌32'01	26°24'40
	-2003 Aug 16 j 19:06	0°♍	
retrograde	-2003 Aug 20 j 11:40	0°♍44'27	
	-2003 Aug 23 j 22:17	30°℞♌	
evening set	-2003 Aug 26 j 22:57	28°♌02'53	
min. Earth dist.	-2003 Aug 31 j 01:58	23°♌41'25	0.66178 AU
inferior conj	-2003 Sep 01 j 14:34	21°♌49'23	-2°-10'-46
minimum elong	-2003 Sep 01 j 17:41	21°♌39'49	2°09'36
morning rise	-2003 Sep 07 j 13:23	15°♌59'11	
asc. node	-2003 Sep 08 j 06:32	15°♌37'42	
direct	-2003 Sep 10 j 13:29	15°♌07'49	
morning max el	-2003 Sep 17 j 08:20	18°♌54'58	18°45'15
	-2003 Sep 25 j 18:53	0°♍	
morning set	-2003 Oct 08 j 07:52	19°♍42'59	
	-2003 Oct 14 j 19:19	0°♎	
desc. node	-2003 Oct 19 j 07:55	7°♎08'37	
superior conj	-2003 Oct 24 j 10:37	15°♎11'43	0°-32'-34
minimum elong	-2003 Oct 24 j 06:22	14°♎54'57	0°32'02
max. Earth dist.	-2003 Oct 24 j 05:12	14°♎50'21	1.44909 AU
	-2003 Nov 02 j 19:35	0°♏	
evening rise	-2003 Nov 09 j 07:21	10°♏21'11	
	-2003 Nov 21 j 15:57	0°♐	
evening max el	-2003 Nov 30 j 17:27	12°♐10'06	18°54'25
asc. node	-2003 Dec 05 j 05:43	15°♐32'35	
retrograde	-2003 Dec 07 j 13:20	16°♐02'12	
evening set	-2003 Dec 10 j 16:22	15°♐06'03	
inferior conj	-2003 Dec 16 j 11:23	9°♐19'23	3°13'27
minimum elong	-2003 Dec 16 j 08:27	9°♐28'26	3°12'42
min. Earth dist.	-2003 Dec 18 j 02:13	7°♐19'34	0.65381 AU
morning rise	-2003 Dec 21 j 23:33	3°♐09'49	
direct	-2003 Dec 28 j 13:23	0°♐20'14	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning max el	-2002 Jan 10 j 13:43	7°♐55'37	26°45'55
desc. node	-2002 Jan 15 j 07:12	13°♐06'04	
	-2002 Jan 27 j 19:34	0°♑	
	-2002 Feb 14 j 13:39	0°♒	
morning set	-2002 Feb 15 j 10:09	1°♒37'15	
max. Earth dist.	-2002 Feb 19 j 19:33	10°♒12'21	1.34572 AU
superior conj	-2002 Feb 23 j 23:16	18°♒41'05	-1°-9'-48
minimum elong	-2002 Feb 24 j 02:19	18°♒56'51	1°09'19
	-2002 Mar 01 j 08:53	0°♓	
asc. node	-2002 Mar 03 j 05:02	3°♓50'35	
evening rise	-2002 Mar 03 j 12:47	4°♓30'48	
	-2002 Mar 17 j 21:36	0°♈	
evening max el	-2002 Mar 23 j 02:44	6°♈01'23	21°11'50
retrograde	-2002 Apr 03 j 21:10	11°♈41'40	
evening set	-2002 Apr 06 j 06:41	11°♈28'23	
desc. node	-2002 Apr 13 j 06:14	8°♈46'19	
inferior conj	-2002 Apr 15 j 13:38	7°♈29'35	0°-39'-4
minimum elong	-2002 Apr 15 j 11:47	7°♈32'11	0°38'25
min. Earth dist.	-2002 Apr 16 j 02:15	7°♈11'48	0.55084 AU
morning rise	-2002 Apr 24 j 16:33	3°♈25'29	
direct	-2002 Apr 27 j 19:56	3°♈04'03	
morning max el	-2002 May 10 j 14:33	9°♈10'51	22°22'54
	-2002 May 25 j 10:48	0°♉	
asc. node	-2002 May 30 j 04:23	9°♉08'59	
morning set	-2002 Jun 01 j 07:09	13°♉29'52	
superior conj	-2002 Jun 08 j 13:37	28°♉53'23	1°24'26
minimum elong	-2002 Jun 08 j 11:03	28°♉39'45	1°24'09
	-2002 Jun 09 j 02:16	0°♊	
max. Earth dist.	-2002 Jun 11 j 15:15	5°♊17'57	1.34363 AU
evening rise	-2002 Jun 16 j 12:28	15°♊06'51	
	-2002 Jun 24 j 13:53	0°♋	
desc. node	-2002 Jul 10 j 05:28	24°♋09'36	
	-2002 Jul 14 j 19:25	0°♌	
evening max el	-2002 Jul 21 j 04:57	6°♌58'16	27°08'24
retrograde	-2002 Aug 03 j 12:24	14°♌18'13	
evening set	-2002 Aug 10 j 11:03	11°♌32'05	
min. Earth dist.	-2002 Aug 14 j 06:50	7°♌48'41	0.65031 AU
inferior conj	-2002 Aug 16 j 08:36	5°♌28'24	-3°-1'-3
minimum elong	-2002 Aug 16 j 12:38	5°♌17'02	2°59'47
	-2002 Aug 22 j 09:59	30°℞♋	
morning rise	-2002 Aug 22 j 15:40	29°♋52'50	
direct	-2002 Aug 25 j 09:14	29°♋12'44	
asc. node	-2002 Aug 26 j 03:35	29°♋15'53	
	-2002 Aug 28 j 09:05	0°♌	
morning max el	-2002 Aug 31 j 21:59	2°♌44'28	18°11'50
morning set	-2002 Sep 19 j 06:59	0°♍27'10	
	-2002 Sep 19 j 00:27	0°♍	
superior conj	-2002 Oct 03 j 13:50	23°♍43'15	0°16'58
minimum elong	-2002 Oct 03 j 15:55	23°♍51'36	0°16'42
desc. node	-2002 Oct 06 j 04:55	27°♍53'43	
max. Earth dist.	-2002 Oct 06 j 23:57	29°♍09'01	1.44735 AU
	-2002 Oct 07 j 12:52	0°♎	
evening rise	-2002 Oct 20 j 04:31	19°♎46'48	
	-2002 Oct 26 j 18:55	0°♏	
greatest brilliancy	-2002 Nov 06 j 01:02	15°♏26'01	-0.7m
evening max el	-2002 Nov 14 j 00:35	25°♏36'46	19°42'44
retrograde	-2002 Nov 21 j 10:12	29°♏55'21	
asc. node	-2002 Nov 22 j 02:46	29°♏52'37	
evening set	-2002 Nov 24 j 20:47	28°♏46'04	
inferior conj	-2002 Nov 30 j 10:50	22°♏45'11	2°35'38
minimum elong	-2002 Nov 30 j 07:58	22°♏54'37	2°34'41
min. Earth dist.	-2002 Dec 01 j 12:00	21°♏22'35	0.66427 AU
morning rise	-2002 Dec 05 j 18:29	16°♏31'05	
direct	-2002 Dec 11 j 18:57	13°♏52'47	
morning max el	-2002 Dec 23 j 22:53	21°♏04'52	25°36'58
	-2002 Dec 31 j 17:07	0°♐	
desc. node	-2001 Jan 02 j 04:15	1°♐53'06	
	-2001 Jan 21 j 00:20	0°♑	
morning set	-2001 Jan 29 j 04:26	14°♑14'20	
max. Earth dist.	-2001 Feb 02 j 00:51	21°♑24'20	1.36142 AU
	-2001 Feb 06 j 11:03	0°♒	
superior conj	-2001 Feb 07 j 16:32	2°♒26'50	-1°-31'-50
minimum elong	-2001 Feb 07 j 20:02	2°♒44'20	1°31'27
evening rise	-2001 Feb 15 j 18:16	18°♒52'05	
asc. node	-2001 Feb 18 j 02:04	23°♒32'12	
	-2001 Feb 21 j 10:36	0°♓	
evening max el	-2001 Mar 05 j 12:00	17°♓29'47	19°57'01
retrograde	-2001 Mar 15 j 13:51	22°♓18'22	
evening set	-2001 Mar 17 j 18:46	22°♓05'33	
inferior conj	-2001 Mar 26 j 13:02	18°♓04'44	1°16'00
minimum elong	-2001 Mar 26 j 16:12	17°♓59'54	1°14'56
min. Earth dist.	-2001 Mar 28 j 16:21	16°♓46'30	0.55675 AU
desc. node	-2001 Mar 31 j 03:19	15°♓22'43	
morning rise	-2001 Apr 04 j 10:40	13°♓34'31	
direct	-2001 Apr 08 j 11:36	12°♓58'35	
morning max el	-2001 Apr 22 j 07:27	19°♓51'02	24°02'45
	-2001 Apr 30 j 20:33	0°♈	
morning set	-2001 May 16 j 19:03	28°♈29'47	
asc. node	-2001 May 17 j 01:24	29°♈03'10	
	-2001 May 17 j 12:10	0°♉	
superior conj	-2001 May 23 j 21:18	13°♉43'46	1°06'14
minimum elong	-2001 May 23 j 18:52	13°♉30'40	1°05'51
max. Earth dist.	-2001 May 25 j 18:22	17°♉45'40	1.33364 AU
evening rise	-2001 May 31 j 08:09	29°♉21'27	
	-2001 May 31 j 15:49	0°♊	
	-2001 Jun 17 j 16:22	0°♋	
desc. node	-2001 Jun 27 j 02:29	12°♋55'16	
evening max el	-2001 Jul 03 j 15:16	20°♋03'52	27°25'15
retrograde	-2001 Jul 17 j 07:25	27°♋25'35	
evening set	-2001 Jul 24 j 11:44	24°♋46'33	
min. Earth dist.	-2001 Jul 28 j 02:21	21°♋36'59	0.63507 AU
inferior conj	-2001 Jul 30 j 17:49	18°♋55'36	-3°-45'00
minimum elong	-2001 Jul 30 j 22:02	18°♋44'50	3°44'01
morning rise	-2001 Aug 06 j 10:24	13°♋37'57	
direct	-2001 Aug 08 j 23:46	13°♋06'09	
asc. node	-2001 Aug 13 j 00:38	14°♋25'54	
morning max el	-2001 Aug 15 j 13:19	16°♋31'08	17°55'56
	-2001 Aug 25 j 02:49	0°♌	
morning set	-2001 Sep 01 j 07:23	12°♌23'34	
	-2001 Sep 11 j 14:06	0°♍	
superior conj	-2001 Sep 13 j 13:51	3°♍18'29	0°59'17
minimum elong	-2001 Sep 13 j 19:10	3°♍40'25	0°58'40
max. Earth dist.	-2001 Sep 19 j 16:13	13°♍14'16	1.43853 AU
desc. node	-2001 Sep 23 j 01:54	18°♍39'25	
evening rise	-2001 Sep 29 j 10:59	28°♍37'16	
	-2001 Sep 30 j 08:26	0°♎	
	-2001 Oct 20 j 16:12	0°♏	
greatest brilliancy	-2001 Oct 22 j 06:30	2°♏07'49	-0.5m
evening max el	-2001 Oct 28 j 02:13	9°♏03'27	20°45'19
retrograde	-2001 Nov 05 j 07:41	13°♏55'35	
asc. node	-2001 Nov 08 j 23:48	12°♏38'23	
evening set	-2001 Nov 09 j 03:53	12°♏30'59	
inferior conj	-2001 Nov 14 j 14:44	6°♏19'21	1°50'55
minimum elong	-2001 Nov 14 j 12:25	6°♏27'13	1°50'02
min. Earth dist.	-2001 Nov 15 j 03:52	5°♏34'33	0.67112 AU
morning rise	-2001 Nov 19 j 20:30	0°♏03'04	
	-2001 Nov 19 j 21:55	30°℞♎	
direct	-2001 Nov 25 j 05:50	27°♎43'12	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2001 Dec 01 j 07:10	0°♏	
morning max el	-2001 Dec 06 j 07:30	4°♏19'27	24°13'56
desc. node	-2001 Dec 20 j 01:18	21°♏19'35	
	-2001 Dec 26 j 01:20	0°♐	
morning set	-2000 Jan 11 j 01:31	25°♐44'46	
	-2000 Jan 13 j 11:47	0°♑	
max. Earth dist.	-2000 Jan 14 j 21:33	2°♑30'41	1.38073 AU
superior conj	-2000 Jan 21 j 22:13	15°♑33'47	-1°-48'-54
minimum elong	-2000 Jan 22 j 01:11	15°♑48'01	1°48'45
	-2000 Jan 29 j 07:16	0°♒	
evening rise	-2000 Jan 30 j 17:24	2°♒48'33	
asc. node	-2000 Feb 04 j 23:05	12°♒53'24	
evening max el	-2000 Feb 16 j 07:56	29°♒35'40	19°01'04
	-2000 Feb 16 j 18:20	0°♓	
retrograde	-2000 Feb 24 j 20:40	3°♓41'33	
evening set	-2000 Feb 27 j 04:08	3°♓24'46	
	-2000 Mar 04 j 23:51	30°℞♒	
inferior conj	-2000 Mar 06 j 04:50	29°♒09'41	2°44'23
minimum elong	-2000 Mar 06 j 09:31	29°♒01'27	2°43'12
min. Earth dist.	-2000 Mar 09 j 08:11	26°♒58'10	0.57076 AU
morning rise	-2000 Mar 14 j 10:51	24°♒07'35	
desc. node	-2000 Mar 17 j 00:23	23°♒19'53	
direct	-2000 Mar 19 j 16:10	23°♒02'54	
	-2000 Apr 02 j 11:48	0°♓	
morning max el	-2000 Apr 02 j 22:32	0°♓25'34	25°37'41
	-2000 Apr 23 j 12:20	0°♈	
morning set	-2000 Apr 30 j 06:59	13°♈30'22	
asc. node	-2000 May 02 j 22:26	19°♈08'27	
superior conj	-2000 May 07 j 07:56	28°♈42'46	0°44'48
minimum elong	-2000 May 07 j 06:05	28°♈32'43	0°44'27
	-2000 May 07 j 22:05	0°♉	
max. Earth dist.	-2000 May 08 j 04:07	0°♉32'52	1.32742 AU
evening rise	-2000 May 14 j 11:24	13°♉58'54	
	-2000 May 22 j 17:43	0°♊	
	-2000 Jun 12 j 08:08	0°♋	
desc. node	-2000 Jun 12 j 23:30	0°♋40'41	
evening max el	-2000 Jun 14 j 22:00	2°♋36'49	27°10'24
retrograde	-2000 Jun 28 j 19:56	9°♋56'58	
evening set	-2000 Jul 05 j 21:00	7°♋39'23	
min. Earth dist.	-2000 Jul 09 j 11:52	4°♋53'04	0.61655 AU
inferior conj	-2000 Jul 12 j 15:04	2°♋03'47	-4°-17'-52
minimum elong	-2000 Jul 12 j 18:13	1°♋56'38	4°17'26
	-2000 Jul 14 j 23:59	30°℞♊	
morning rise	-2000 Jul 19 j 18:14	27°♊06'43	
direct	-2000 Jul 22 j 05:36	26°♊40'48	
morning max el	-2000 Jul 29 j 03:29	0°♋08'03	17°58'30
	-2000 Jul 29 j 00:09	0°♋	
asc. node	-2000 Jul 29 j 21:41	0°♋54'23	
morning set	-2000 Aug 14 j 03:21	25°♋16'15	
	-2000 Aug 16 j 17:35	0°♌	
superior conj	-2000 Aug 24 j 17:29	14°♌15'38	1°28'20
minimum elong	-2000 Aug 24 j 22:05	14°♌35'36	1°27'57
max. Earth dist.	-2000 Sep 01 j 03:22	26°♌48'47	1.42390 AU
	-2000 Sep 03 j 02:03	0°♍	
evening rise	-2000 Sep 07 j 20:49	7°♍40'02	
desc. node	-2000 Sep 08 j 22:53	9°♍22'39	
	-2000 Sep 22 j 14:29	0°♎	
greatest brilliancy	-2000 Oct 05 j 03:11	17°♎04'58	-0.4m
evening max el	-2000 Oct 09 j 21:55	22°♎30'18	21°58'50
retrograde	-2000 Oct 19 j 03:47	28°♎00'07	
evening set	-2000 Oct 23 j 11:48	26°♎18'03	
asc. node	-2000 Oct 25 j 20:51	23°♎56'01	
inferior conj	-2000 Oct 28 j 21:00	19°♎59'25	1°01'20
minimum elong	-2000 Oct 28 j 19:37	20°♎04'12	1°00'45
min. Earth dist.	-2000 Oct 28 j 23:20	19°♎51'18	0.67474 AU
morning rise	-2000 Nov 03 j 03:12	13°♎43'34	
direct	-2000 Nov 07 j 21:16	11°♎45'25	
morning max el	-2000 Nov 17 j 17:40	17°♎37'05	22°46'37
greatest brilliancy	-2000 Nov 22 j 11:02	22°♎55'02	-0.3m
	-2000 Nov 27 j 23:10	0°♏	
desc. node	-2000 Dec 05 j 22:19	11°♏13'48	
	-2000 Dec 18 j 04:20	0°♐	
morning set	-2000 Dec 21 j 19:15	5°♐52'34	
max. Earth dist.	-2000 Dec 26 j 17:04	14°♐06'19	1.40174 AU
superior conj	-1999 Jan 03 j 11:43	27°♐49'26	-1°-57'-58
minimum elong	-1999 Jan 03 j 12:37	27°♐53'34	1°58'01
	-1999 Jan 04 j 16:18	0°♑	
evening rise	-1999 Jan 13 j 07:14	16°♑12'04	
	-1999 Jan 20 j 19:04	0°♒	
asc. node	-1999 Jan 21 j 20:08	1°♒46'23	
evening max el	-1999 Jan 29 j 12:15	12°♒12'01	18°25'02
retrograde	-1999 Feb 05 j 21:54	15°♒50'41	
evening set	-1999 Feb 08 j 09:24	15°♒27'23	
inferior conj	-1999 Feb 15 j 17:14	10°♒51'51	3°36'15
minimum elong	-1999 Feb 15 j 20:17	10°♒45'37	3°35'49
min. Earth dist.	-1999 Feb 19 j 03:19	8°♒05'07	0.58984 AU
morning rise	-1999 Feb 23 j 03:35	5°♒24'03	
direct	-1999 Mar 01 j 09:59	3°♒41'17	
desc. node	-1999 Mar 03 j 21:27	3°♒57'00	
morning max el	-1999 Mar 15 j 16:58	11°♒19'27	26°52'49
	-1999 Mar 30 j 05:34	0°♓	
morning set	-1999 Apr 14 j 17:14	28°♓24'42	
	-1999 Apr 15 j 11:25	0°♈	
asc. node	-1999 Apr 19 j 19:29	9°♈19'26	
superior conj	-1999 Apr 21 j 19:40	13°♈43'11	0°21'03
minimum elong	-1999 Apr 21 j 18:44	13°♈38'06	0°20'51
max. Earth dist.	-1999 Apr 21 j 17:00	13°♈28'36	1.32470 AU
evening rise	-1999 Apr 28 j 19:32	28°♈49'34	
	-1999 Apr 29 j 09:02	0°♉	
	-1999 May 16 j 03:44	0°♊	
evening max el	-1999 May 27 j 23:02	14°♊28'15	26°22'56
desc. node	-1999 May 30 j 20:33	17°♊00'40	
retrograde	-1999 Jun 11 j 00:22	21°♊44'29	
evening set	-1999 Jun 17 j 10:27	20°♊01'08	
min. Earth dist.	-1999 Jun 21 j 12:12	17°♊22'06	0.59615 AU
inferior conj	-1999 Jun 24 j 20:49	14°♊44'04	-4°-32'-10
minimum elong	-1999 Jun 24 j 21:11	14°♊43'21	4°32'09
morning rise	-1999 Jul 02 j 11:23	10°♊09'14	
direct	-1999 Jul 04 j 22:43	9°♊47'21	
morning max el	-1999 Jul 12 j 13:33	13°♊27'17	18°20'36
asc. node	-1999 Jul 16 j 18:45	18°♊26'01	
	-1999 Jul 23 j 20:08	0°♋	
morning set	-1999 Jul 28 j 13:42	8°♋51'40	
superior conj	-1999 Aug 06 j 21:48	26°♋26'32	1°43'56
minimum elong	-1999 Aug 07 j 00:04	26°♋36'53	1°43'52
	-1999 Aug 08 j 20:46	0°♌	
max. Earth dist.	-1999 Aug 14 j 09:14	9°♌43'02	1.40543 AU
evening rise	-1999 Aug 19 j 02:34	17°♌39'48	
desc. node	-1999 Aug 26 j 19:54	29°♌59'53	
	-1999 Aug 26 j 19:56	0°♍	
	-1999 Sep 17 j 04:02	0°♎	
evening max el	-1999 Sep 22 j 12:42	5°♎59'25	23°18'29
retrograde	-1999 Oct 02 j 21:07	12°♎06'45	
evening set	-1999 Oct 07 j 18:50	10°♎05'49	
asc. node	-1999 Oct 12 j 17:54	4°♎18'03	
inferior conj	-1999 Oct 13 j 03:51	3°♎43'52	0°08'35
minimum elong	-1999 Oct 13 j 03:39	3°♎44'35	0°08'30
transit middle	-1999 Oct 13 j 03:39	3°♎44'35	0°08'30

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

transit begin	-1999 Oct 13 j 01:21	3°♎52'31		
transit end	-1999 Oct 13 j 05:58	3°♎36'39		
min. Earth dist.	-1999 Oct 12 j 19:55	4°♎11'09	0.67525 AU	
	-1999 Oct 16 j 00:29	30°℞♍		
morning rise	-1999 Oct 18 j 12:30	27°♍31'25		
direct	-1999 Oct 22 j 16:21	25°♍55'12		
	-1999 Oct 30 j 07:34	0°♎		
morning max el	-1999 Oct 31 j 08:56	1°♎02'01	21°23'41	
greatest brilliancy	-1999 Nov 05 j 14:07	7°♎02'36	-0.4m	
	-1999 Nov 21 j 19:56	0°♏		
desc. node	-1999 Nov 22 j 19:21	1°♏28'17		
morning set	-1999 Dec 01 j 08:42	14°♏40'40		
max. Earth dist.	-1999 Dec 08 j 18:55	26°♏37'43	1.42154 AU	
	-1999 Dec 10 j 19:49	0°♐		
superior conj	-1999 Dec 16 j 03:40	9°♐01'21	-1°-55'-3	
minimum elong	-1999 Dec 16 j 00:47	8°♐48'54	1°55'00	
evening rise	-1999 Dec 27 j 08:19	28°♐55'56		
	-1999 Dec 27 j 22:25	0°♑		
asc. node	-1998 Jan 08 j 17:11	20°♑02'40		
evening max el	-1998 Jan 12 j 22:02	25°♑10'58	18°08'50	
retrograde	-1998 Jan 19 j 16:03	28°♑38'03		
evening set	-1998 Jan 22 j 07:08	28°♑07'00		
inferior conj	-1998 Jan 29 j 01:00	23°♑09'19	3°56'01	
minimum elong	-1998 Jan 29 j 01:31	23°♑08'07	3°55'58	
min. Earth dist.	-1998 Feb 01 j 04:35	20°♑11'44	0.61048 AU	
morning rise	-1998 Feb 04 j 17:16	17°♑23'43		
direct	-1998 Feb 11 j 14:22	15°♑05'29		
desc. node	-1998 Feb 18 j 18:32	17°♑18'26		
morning max el	-1998 Feb 25 j 17:36	22°♑50'53	27°36'23	
	-1998 Mar 04 j 02:43	0°♒		
	-1998 Mar 23 j 07:38	0°♓		
morning set	-1998 Mar 29 j 23:59	13°♓06'13		
max. Earth dist.	-1998 Apr 05 j 05:22	26°♓19'57	1.32549 AU	
superior conj	-1998 Apr 06 j 06:51	28°♓38'57	0°-4'-16	
minimum elong	-1998 Apr 06 j 07:03	28°♓40'00	0°04'14	
behind sun begin	-1998 Apr 06 j 02:09	28°♓13'16		
behind sun end	-1998 Apr 06 j 11:57	29°♓06'45		
asc. node	-1998 Apr 06 j 16:33	29°♓31'53		
	-1998 Apr 06 j 21:42	0°♈		
evening rise	-1998 Apr 13 j 06:26	13°♈45'44		
	-1998 Apr 21 j 11:55	0°♉		
evening max el	-1998 May 09 j 17:40	25°♉37'22	25°07'35	
	-1998 May 15 j 05:25	0°♊		
desc. node	-1998 May 17 j 17:36	1°♊21'37		
retrograde	-1998 May 23 j 18:19	2°♊45'32		
evening set	-1998 May 29 j 01:24	1°♊40'52		
	-1998 Jun 01 j 10:08	30°℞♉		
min. Earth dist.	-1998 Jun 03 j 05:35	28°♉52'10	0.57635 AU	
inferior conj	-1998 Jun 06 j 07:39	26°♉46'35	-4°-17'-24	
minimum elong	-1998 Jun 06 j 03:56	26°♉52'56	4°16'57	
morning rise	-1998 Jun 14 j 10:24	22°♉33'16		
direct	-1998 Jun 16 j 22:51	22°♉14'25		
morning max el	-1998 Jun 25 j 16:32	26°♉19'32	19°03'10	
	-1998 Jun 29 j 00:31	0°♊		
asc. node	-1998 Jul 03 j 15:50	6°♊46'32		
morning set	-1998 Jul 12 j 10:14	22°♊58'39		
	-1998 Jul 15 j 23:24	0°♋		
superior conj	-1998 Jul 20 j 21:04	9°♋35'10	1°48'19	
minimum elong	-1998 Jul 20 j 21:04	9°♋35'06	1°48'22	
max. Earth dist.	-1998 Jul 27 j 12:02	21°♋57'13	1.38560 AU	
evening rise	-1998 Jul 31 j 09:49	28°♋52'30		
	-1998 Aug 01 j 01:26	0°♌		
desc. node	-1998 Aug 13 j 16:55	20°♌26'16		
	-1998 Aug 20 j 05:47	0°♍		

evening max el	-1998 Sep 05 j 00:29	19°♍31'05	24°37'59	
retrograde	-1998 Sep 16 j 10:37	26°♍11'13		
evening set	-1998 Sep 21 j 23:15	23°♍51'35		
min. Earth dist.	-1998 Sep 26 j 15:07	18°♍31'32	0.67264 AU	
inferior conj	-1998 Sep 27 j 09:34	17°♍30'01	0°-45'-47	
minimum elong	-1998 Sep 27 j 10:40	17°♍26'19	0°45'20	
asc. node	-1998 Sep 29 j 14:59	14°♍38'00		
morning rise	-1998 Oct 02 j 22:26	11°♍23'55		
direct	-1998 Oct 06 j 13:45	10°♍07'48		
morning max el	-1998 Oct 14 j 07:32	14°♍36'25	20°10'59	
greatest brilliancy	-1998 Oct 21 j 06:21	23°♍04'33	-0.6m	
	-1998 Oct 26 j 03:47	0°♎		
desc. node	-1998 Nov 09 j 16:22	21°♎56'30		
morning set	-1998 Nov 10 j 06:17	22°♎50'17		
	-1998 Nov 14 j 20:41	0°♏		
max. Earth dist.	-1998 Nov 21 j 04:40	10°♏01'37	1.43721 AU	
superior conj	-1998 Nov 26 j 17:04	18°♏57'51	-1°-36'-5	
minimum elong	-1998 Nov 26 j 10:11	18°♏29'38	1°35'32	
	-1998 Dec 03 j 08:07	0°♐		
evening rise	-1998 Dec 09 j 16:21	10°♐51'34		
	-1998 Dec 21 j 01:03	0°♑		
asc. node	-1998 Dec 26 j 14:13	7°♑31'17		
evening max el	-1998 Dec 27 j 10:21	8°♑24'36	18°12'05	
retrograde	-1997 Jan 02 j 22:48	11°♑53'21		
evening set	-1997 Jan 05 j 17:34	11°♑13'43		
inferior conj	-1997 Jan 12 j 00:32	5°♑55'03	3°51'57	
minimum elong	-1997 Jan 11 j 23:00	5°♑59'07	3°51'45	
min. Earth dist.	-1997 Jan 14 j 14:54	3°♑08'49	0.62975 AU	
morning rise	-1997 Jan 18 j 02:38	29°♐57'14		
	-1997 Jan 18 j 01:12	30°℞♐		
direct	-1997 Jan 25 j 03:18	27°♐15'13		
	-1997 Feb 01 j 22:12	0°♑		
desc. node	-1997 Feb 05 j 15:37	2°♑52'00		
morning max el	-1997 Feb 07 j 23:54	5°♑03'19	27°43'25	
	-1997 Feb 26 j 20:07	0°♒		
morning set	-1997 Mar 14 j 00:59	27°♒27'31		
	-1997 Mar 15 j 07:05	0°♓		
max. Earth dist.	-1997 Mar 19 j 13:12	8°♓53'10	1.32998 AU	
superior conj	-1997 Mar 21 j 15:49	13°♓24'26	0°-30'-12	
minimum elong	-1997 Mar 21 j 17:13	13°♓31'59	0°29'55	
asc. node	-1997 Mar 24 j 13:36	19°♓41'47		
evening rise	-1997 Mar 28 j 18:12	28°♓40'47		
	-1997 Mar 29 j 09:18	0°♈		
	-1997 Apr 15 j 18:12	0°♉		
evening max el	-1997 Apr 21 j 08:50	6°♉19'15	23°35'46	
desc. node	-1997 May 04 j 14:40	13°♉07'40		
retrograde	-1997 May 05 j 00:13	13°♉08'02		
evening set	-1997 May 08 j 21:48	12°♉34'32		
min. Earth dist.	-1997 May 15 j 19:34	9°♉22'20	0.56039 AU	
inferior conj	-1997 May 17 j 22:25	8°♉06'07	-3°-22'-40	
minimum elong	-1997 May 17 j 15:52	8°♉15'58	3°21'04	
morning rise	-1997 May 26 j 13:32	4°♉08'23		
direct	-1997 May 29 j 03:47	3°♉51'33		
morning max el	-1997 Jun 08 j 10:00	8°♉36'28	20°06'26	
asc. node	-1997 Jun 20 j 12:55	25°♉44'32		
	-1997 Jun 22 j 19:18	0°♊		
morning set	-1997 Jun 26 j 13:56	7°♊29'23		
superior conj	-1997 Jul 04 j 10:06	23°♊27'07	1°44'00	
minimum elong	-1997 Jul 04 j 08:30	23°♊19'07	1°43'59	
	-1997 Jul 07 j 17:29	0°♋		
max. Earth dist.	-1997 Jul 09 j 16:37	3°♋47'21	1.36686 AU	
evening rise	-1997 Jul 13 j 16:18	11°♋14'03		
	-1997 Jul 24 j 15:43	0°♌		
desc. node	-1997 Jul 31 j 13:55	10°♌36'30		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1997 Aug 15 j 12:14	0°♍	
evening max el	-1997 Aug 18 j 11:30	3°♍05'01	25°49'46
retrograde	-1997 Aug 30 j 19:41	10°♍09'11	
evening set	-1997 Sep 05 j 23:11	7°♍33'43	
min. Earth dist.	-1997 Sep 10 j 06:37	2°♍50'34	0.66678 AU
inferior conj	-1997 Sep 11 j 12:21	1°♍16'07	-1°-40'-11
minimum elong	-1997 Sep 11 j 14:47	1°♍08'23	1°39'13
	-1997 Sep 12 j 12:33	30°℞♌	
asc. node	-1997 Sep 16 j 12:03	25°♌52'07	
morning rise	-1997 Sep 17 j 07:07	25°♌19'23	
direct	-1997 Sep 20 j 12:02	24°♌20'09	
morning max el	-1997 Sep 27 j 13:26	28°♌19'50	19°12'02
	-1997 Sep 29 j 02:23	0°♍	
	-1997 Oct 19 j 12:43	0°♎	
morning set	-1997 Oct 20 j 11:52	1°♎30'34	
desc. node	-1997 Oct 27 j 13:21	12°♎34'05	
max. Earth dist.	-1997 Nov 03 j 20:00	24°♎00'20	1.44676 AU
superior conj	-1997 Nov 06 j 04:49	27°♎45'05	0°-59'-35
minimum elong	-1997 Nov 05 j 21:51	27°♎17'28	0°58'49
	-1997 Nov 07 j 14:49	0°♏	
evening rise	-1997 Nov 21 j 02:55	21°♏50'29	
	-1997 Nov 26 j 01:49	0°♐	
evening max el	-1997 Dec 10 j 22:29	21°♐46'36	18°33'55
asc. node	-1997 Dec 13 j 11:15	23°♐58'36	
retrograde	-1997 Dec 17 j 13:43	25°♐27'51	
evening set	-1997 Dec 20 j 13:10	24°♐38'22	
inferior conj	-1997 Dec 26 j 11:54	19°♐01'06	3°31'03
minimum elong	-1997 Dec 26 j 09:15	19°♐08'57	3°30'31
min. Earth dist.	-1997 Dec 28 j 11:14	16°♐41'33	0.64603 AU
morning rise	-1996 Jan 01 j 04:04	12°♐54'48	
direct	-1996 Jan 07 j 23:33	10°♐03'49	
morning max el	-1996 Jan 21 j 09:12	17°♐47'42	27°15'26
desc. node	-1996 Jan 23 j 12:40	20°♐01'45	
	-1996 Jan 31 j 16:12	0°♑	
	-1996 Feb 19 j 16:34	0°♒	
morning set	-1996 Feb 25 j 17:16	11°♒18'22	
max. Earth dist.	-1996 Mar 01 j 12:25	20°♒54'59	1.33865 AU
superior conj	-1996 Mar 04 j 20:34	27°♒52'33	0°-55'-46
minimum elong	-1996 Mar 04 j 23:05	28°♒05'52	0°55'20
	-1996 Mar 05 j 20:40	0°♓	
asc. node	-1996 Mar 10 j 10:37	9°♓44'21	
evening rise	-1996 Mar 12 j 05:01	13°♓27'30	
	-1996 Mar 20 j 17:02	0°♈	
evening max el	-1996 Apr 02 j 03:01	17°♈01'22	22°01'52
retrograde	-1996 Apr 14 j 18:33	23°♈11'25	
evening set	-1996 Apr 17 j 12:34	22°♈54'37	
desc. node	-1996 Apr 20 j 11:45	22°♈01'59	
inferior conj	-1996 Apr 26 j 21:25	18°♈48'39	-1°-46'-24
minimum elong	-1996 Apr 26 j 16:38	18°♈55'23	1°44'48
min. Earth dist.	-1996 Apr 26 j 09:02	19°♈06'05	0.55163 AU
morning rise	-1996 May 05 j 22:08	14°♈52'00	
direct	-1996 May 08 j 17:51	14°♈34'12	
morning max el	-1996 May 20 j 16:31	20°♈11'01	21°28'48
	-1996 May 28 j 17:51	0°♉	
asc. node	-1996 Jun 06 j 09:57	15°♉09'46	
morning set	-1996 Jun 09 j 22:18	22°♉15'49	
	-1996 Jun 13 j 15:07	0°♊	
superior conj	-1996 Jun 17 j 08:40	7°♊48'55	1°33'06
minimum elong	-1996 Jun 17 j 06:15	7°♊36'22	1°32'53
max. Earth dist.	-1996 Jun 21 j 04:32	15°♊39'01	1.35102 AU
evening rise	-1996 Jun 25 j 16:54	24°♊30'11	
	-1996 Jun 28 j 15:22	0°♋	
desc. node	-1996 Jul 17 j 10:57	0°♌22'41	
	-1996 Jul 17 j 04:27	0°♌	
evening max el	-1996 Jul 30 j 22:58	16°♌36'22	26°46'07
retrograde	-1996 Aug 12 j 23:50	23°♌53'54	
evening set	-1996 Aug 19 j 16:23	21°♌08'59	
min. Earth dist.	-1996 Aug 23 j 16:04	17°♌03'56	0.65733 AU
inferior conj	-1996 Aug 25 j 10:14	14°♌58'59	-2°-32'-41
minimum elong	-1996 Aug 25 j 13:48	14°♌48'24	2°31'25
morning rise	-1996 Aug 31 j 12:24	9°♌14'43	
asc. node	-1996 Sep 02 j 09:07	8°♌34'24	
direct	-1996 Sep 03 j 09:18	8°♌28'44	
morning max el	-1996 Sep 10 j 00:56	12°♌08'34	18°28'55
	-1996 Sep 22 j 16:41	0°♍	
morning set	-1996 Sep 29 j 18:42	11°♍27'13	
	-1996 Oct 11 j 08:24	0°♎	
desc. node	-1996 Oct 13 j 10:21	3°♎17'36	
superior conj	-1996 Oct 15 j 04:45	6°♎04'50	0°-11'-23
minimum elong	-1996 Oct 15 j 03:14	5°♎58'54	0°11'11
behind sun begin	-1996 Oct 14 j 18:55	5°♎26'07	
behind sun end	-1996 Oct 15 j 11:33	6°♎31'39	
max. Earth dist.	-1996 Oct 16 j 13:59	8°♎15'45	1.44921 AU
	-1996 Oct 30 j 09:44	0°♏	
evening rise	-1996 Oct 31 j 13:11	1°♏48'17	
greatest brilliancy	-1996 Nov 12 j 18:31	20°♏57'21	-0.7m
	-1996 Nov 19 j 00:04	0°♐	
evening max el	-1996 Nov 23 j 08:04	5°♐13'02	19°13'07
asc. node	-1996 Nov 29 j 08:18	9°♐09'38	
retrograde	-1996 Nov 30 j 09:11	9°♐15'41	
evening set	-1996 Dec 03 j 15:05	8°♐14'25	
inferior conj	-1996 Dec 09 j 07:47	2°♐21'28	2°58'23
minimum elong	-1996 Dec 09 j 04:48	2°♐30'57	2°57'33
min. Earth dist.	-1996 Dec 10 j 16:41	0°♐36'53	0.65868 AU
	-1996 Dec 11 j 04:31	30°℞♏	
morning rise	-1996 Dec 14 j 17:38	26°♏09'30	
direct	-1996 Dec 21 j 02:10	23°♏23'16	
	-1995 Jan 01 j 21:55	0°♐	
morning max el	-1995 Jan 02 j 18:45	0°♐51'11	26°18'52
desc. node	-1995 Jan 09 j 09:41	8°♐19'38	
	-1995 Jan 24 j 16:22	0°♑	
morning set	-1995 Feb 07 j 21:01	24°♑26'55	
	-1995 Feb 10 j 19:01	0°♒	
max. Earth dist.	-1995 Feb 11 j 23:59	2°♒20'59	1.35184 AU
superior conj	-1995 Feb 16 j 18:51	11°♒56'35	-1°-19'-35
minimum elong	-1995 Feb 16 j 22:10	12°♒13'34	1°19'09
evening rise	-1995 Feb 24 j 13:02	27°♒59'58	
asc. node	-1995 Feb 25 j 07:38	29°♒35'15	
	-1995 Feb 25 j 12:29	0°♓	
evening max el	-1995 Mar 15 j 06:10	28°♓09'52	20°37'56
	-1995 Mar 17 j 09:01	0°♈	
retrograde	-1995 Mar 26 j 07:45	3°♈27'29	
evening set	-1995 Mar 28 j 13:44	3°♈15'15	
	-1995 Apr 05 j 11:08	30°℞♓	
inferior conj	-1995 Apr 06 j 16:28	29°♓17'55	0°11'30
minimum elong	-1995 Apr 06 j 17:00	29°♓17'09	0°11'18
transit middle	-1995 Apr 06 j 17:00	29°♓17'09	0°11'18
transit begin	-1995 Apr 06 j 14:09	29°♓21'17	
transit end	-1995 Apr 06 j 19:51	29°♓13'02	
desc. node	-1995 Apr 07 j 08:48	28°♓54'18	
min. Earth dist.	-1995 Apr 07 j 23:00	28°♓33'49	0.55224 AU
morning rise	-1995 Apr 15 j 18:33	25°♓03'52	
direct	-1995 Apr 19 j 05:47	24°♓37'42	
	-1995 May 01 j 07:49	0°♈	
morning max el	-1995 May 02 j 13:07	1°♈06'16	23°04'58
	-1995 May 21 j 20:42	0°♉	
asc. node	-1995 May 24 j 06:59	4°♉55'05	
morning set	-1995 May 25 j 09:23	7°♉12'13	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-1995 Jun 01 j 13:43	22°♉30'59	1°17'11
minimum elong	-1995 Jun 01 j 11:09	22°♉17'14	1°16'49
max. Earth dist.	-1995 Jun 04 j 02:24	27°♉52'08	1.33892 AU
	-1995 Jun 05 j 02:54	0°♊	
evening rise	-1995 Jun 09 j 06:48	8°♊27'08	
	-1995 Jun 21 j 02:55	0°♋	
desc. node	-1995 Jul 04 j 07:59	19°♋34'25	
evening max el	-1995 Jul 13 j 10:24	29°♋55'32	27°19'18
	-1995 Jul 13 j 12:16	0°♌	
retrograde	-1995 Jul 26 j 22:21	7°♌17'05	
evening set	-1995 Aug 03 j 00:04	4°♌32'36	
min. Earth dist.	-1995 Aug 06 j 17:19	1°♌04'07	0.64420 AU
	-1995 Aug 07 j 17:13	30°℞♋	
inferior conj	-1995 Aug 09 j 00:51	28°♋33'47	-3°-20'-46
minimum elong	-1995 Aug 09 j 05:05	28°♋22'19	3°19'34
morning rise	-1995 Aug 15 j 11:48	23°♋05'13	
direct	-1995 Aug 18 j 03:13	22°♋29'02	
asc. node	-1995 Aug 20 j 06:11	22°♋52'28	
morning max el	-1995 Aug 24 j 15:34	25°♋57'14	18°02'50
	-1995 Aug 28 j 01:41	0°♌	
morning set	-1995 Sep 11 j 05:15	22°♌44'13	
	-1995 Sep 15 j 12:37	0°♍	
superior conj	-1995 Sep 24 j 15:03	14°♍58'43	0°36'20
minimum elong	-1995 Sep 24 j 19:04	15°♍14'59	0°35'49
max. Earth dist.	-1995 Sep 29 j 07:46	22°♍30'00	1.44439 AU
desc. node	-1995 Sep 30 j 07:21	24°♍03'28	
	-1995 Oct 04 j 01:55	0°♎	
evening rise	-1995 Oct 11 j 02:20	10°♎54'30	
	-1995 Oct 23 j 15:00	0°♏	
greatest brilliancy	-1995 Oct 30 j 15:56	10°♏10'48	-0.6m
evening max el	-1995 Nov 06 j 13:06	18°♏40'27	20°07'51
retrograde	-1995 Nov 14 j 06:27	23°♏12'16	
asc. node	-1995 Nov 16 j 05:21	22°♏50'16	
evening set	-1995 Nov 17 j 20:52	21°♏56'50	
inferior conj	-1995 Nov 23 j 09:23	15°♏51'13	2°17'21
minimum elong	-1995 Nov 23 j 06:42	16°♏00'13	2°16'25
min. Earth dist.	-1995 Nov 24 j 05:19	14°♏44'34	0.66766 AU
morning rise	-1995 Nov 28 j 15:56	9°♏36'00	
direct	-1995 Dec 04 j 10:14	7°♏04'37	
morning max el	-1995 Dec 16 j 03:18	14°♏02'31	25°02'39
desc. node	-1995 Dec 27 j 06:42	27°♏25'06	
	-1995 Dec 29 j 04:03	0°♐	
	-1994 Jan 17 j 12:09	0°♑	
morning set	-1994 Jan 21 j 07:00	6°♑37'26	
max. Earth dist.	-1994 Jan 25 j 00:34	13°♑24'54	1.36932 AU
superior conj	-1994 Jan 31 j 07:40	25°♑27'14	-1°-39'-51
minimum elong	-1994 Jan 31 j 11:05	25°♑44'04	1°39'33
	-1994 Feb 02 j 14:43	0°♒	
evening rise	-1994 Feb 08 j 16:05	12°♒11'16	
asc. node	-1994 Feb 12 j 04:40	19°♒08'51	
	-1994 Feb 18 j 05:51	0°♓	
evening max el	-1994 Feb 25 j 20:12	9°♓54'41	19°30'47
retrograde	-1994 Mar 07 j 04:55	14°♓22'51	
evening set	-1994 Mar 09 j 10:44	14°♓08'38	
inferior conj	-1994 Mar 17 j 21:43	10°♓03'02	1°57'48
minimum elong	-1994 Mar 18 j 02:02	9°♓56'05	1°56'30
min. Earth dist.	-1994 Mar 20 j 13:33	8°♓20'37	0.56195 AU
desc. node	-1994 Mar 25 j 05:50	5°♓49'35	
morning rise	-1994 Mar 26 j 13:42	5°♓19'23	
direct	-1994 Mar 31 j 02:47	4°♓32'43	
morning max el	-1994 Apr 14 j 04:14	11°♓39'37	24°44'38
	-1994 Apr 28 j 03:37	0°♈	
morning set	-1994 May 09 j 21:30	22°♈13'06	
asc. node	-1994 May 11 j 04:02	24°♈54'42	
	-1994 May 13 j 12:49	0°♉	

superior conj	-1994 May 16 j 22:53	7°♉25'45	0°57'28
minimum elong	-1994 May 16 j 20:39	7°♉13'41	0°57'05
max. Earth dist.	-1994 May 18 j 08:54	10°♉29'54	1.33059 AU
evening rise	-1994 May 24 j 06:05	22°♉52'57	
	-1994 May 27 j 20:03	0°♊	
	-1994 Jun 14 j 22:24	0°♋	
desc. node	-1994 Jun 21 j 05:01	7°♋57'16	
evening max el	-1994 Jun 25 j 19:47	12°♋49'52	27°23'06
retrograde	-1994 Jul 09 j 14:33	20°♋10'20	
evening set	-1994 Jul 16 j 18:43	17°♋39'01	
min. Earth dist.	-1994 Jul 20 j 08:41	14°♋40'50	0.62750 AU
inferior conj	-1994 Jul 23 j 05:26	11°♋54'28	-4°00'-43
minimum elong	-1994 Jul 23 j 09:23	11°♋44'51	3°59'56
morning rise	-1994 Jul 30 j 02:22	6°♋45'00	
direct	-1994 Aug 01 j 14:43	6°♋15'49	
asc. node	-1994 Aug 07 j 03:14	8°♋37'55	
morning max el	-1994 Aug 08 j 06:44	9°♋40'35	17°54'44
	-1994 Aug 21 j 17:33	0°♌	
morning set	-1994 Aug 24 j 14:47	5°♌07'19	
superior conj	-1994 Sep 05 j 02:46	25°♌08'47	1°13'21
minimum elong	-1994 Sep 05 j 08:08	25°♌31'24	1°12'46
	-1994 Sep 08 j 00:23	0°♍	
max. Earth dist.	-1994 Sep 11 j 22:39	6°♍26'23	1.43295 AU
desc. node	-1994 Sep 17 j 04:23	14°♍48'57	
evening rise	-1994 Sep 20 j 07:58	19°♍44'52	
	-1994 Sep 27 j 00:30	0°♎	
greatest brilliancy	-1994 Oct 15 j 06:41	26°♎02'46	-0.4m
	-1994 Oct 18 j 13:06	0°♏	
evening max el	-1994 Oct 20 j 12:21	2°♏07'59	21°15'27
retrograde	-1994 Oct 29 j 03:29	7°♏15'13	
evening set	-1994 Nov 02 j 04:34	5°♏43'16	
asc. node	-1994 Nov 03 j 02:23	4°♏57'00	
	-1994 Nov 07 j 05:18	30°℞♎	
inferior conj	-1994 Nov 07 j 14:32	29°♎28'19	1°30'22
minimum elong	-1994 Nov 07 j 12:35	29°♎35'02	1°29'35
min. Earth dist.	-1994 Nov 07 j 22:56	28°♎59'27	0.67313 AU
morning rise	-1994 Nov 12 j 20:16	23°♎12'09	
direct	-1994 Nov 17 j 23:06	21°♎01'23	
morning max el	-1994 Nov 28 j 12:11	27°♎18'23	23°36'44
	-1994 Dec 01 j 00:40	0°♏	
desc. node	-1994 Dec 14 j 03:45	17°♏04'41	
	-1994 Dec 22 j 20:19	0°♐	
morning set	-1993 Jan 02 j 17:04	17°♐33'53	
max. Earth dist.	-1993 Jan 06 j 20:14	24°♐41'36	1.38973 AU
	-1993 Jan 09 j 19:43	0°♑	
superior conj	-1993 Jan 14 j 07:07	8°♑14'12	-1°-53'-57
minimum elong	-1993 Jan 14 j 09:26	8°♑25'02	1°53'54
evening rise	-1993 Jan 23 j 11:40	25°♑54'55	
	-1993 Jan 25 j 14:24	0°♒	
asc. node	-1993 Jan 30 j 01:42	8°♒19'02	
evening max el	-1993 Feb 08 j 20:00	22°♒14'15	18°43'10
retrograde	-1993 Feb 16 j 19:42	26°♒06'41	
evening set	-1993 Feb 19 j 04:58	25°♒47'14	
inferior conj	-1993 Feb 26 j 22:09	21°♒23'27	3°10'49
minimum elong	-1993 Feb 27 j 02:24	21°♒15'29	3°09'56
min. Earth dist.	-1993 Mar 02 j 06:10	18°♒54'29	0.57850 AU
morning rise	-1993 Mar 06 j 19:56	16°♒09'34	
desc. node	-1993 Mar 12 j 02:54	14°♒49'55	
direct	-1993 Mar 12 j 12:49	14°♒49'30	
morning max el	-1993 Mar 26 j 20:13	22°♒19'21	26°13'03
	-1993 Apr 02 j 15:02	0°♓	
	-1993 Apr 20 j 20:27	0°♈	
morning set	-1993 Apr 24 j 08:57	7°♈12'01	
asc. node	-1993 Apr 28 j 01:04	15°♈03'01	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-1993 May 01 j 10:10	22°♈26'00	0°34'57
minimum elong	-1993 May 01 j 08:41	22°♈17'52	0°34'39
max. Earth dist.	-1993 May 01 j 20:39	23°♈23'23	1.32584 AU
	-1993 May 04 j 21:32	0°♉	
evening rise	-1993 May 08 j 11:42	7°♉37'01	
	-1993 May 20 j 07:50	0°♊	
evening max el	-1993 Jun 08 j 00:17	25°♊05'47	26°54'04
desc. node	-1993 Jun 08 j 02:04	25°♊10'02	
	-1993 Jun 14 j 06:39	0°♋	
retrograde	-1993 Jun 21 j 23:33	2°♋24'07	
evening set	-1993 Jun 28 j 20:03	0°♋19'39	
	-1993 Jun 29 j 08:51	30°℞♊	
min. Earth dist.	-1993 Jul 02 j 13:51	27°♊38'56	0.60800 AU
inferior conj	-1993 Jul 05 j 20:32	24°♊51'53	-4°-26'-45
minimum elong	-1993 Jul 05 j 22:44	24°♊47'12	4°26'34
morning rise	-1993 Jul 13 j 04:28	20°♊04'19	
direct	-1993 Jul 15 j 15:47	19°♊40'10	
morning max el	-1993 Jul 22 j 19:31	23°♊11'02	18°05'32
asc. node	-1993 Jul 25 j 00:19	25°♊35'06	
	-1993 Jul 28 j 05:49	0°♋	
morning set	-1993 Aug 07 j 17:25	18°♋19'35	
	-1993 Aug 14 j 00:56	0°♌	
superior conj	-1993 Aug 17 j 17:33	6°♌39'10	1°36'29
minimum elong	-1993 Aug 17 j 21:14	6°♌55'29	1°36'15
max. Earth dist.	-1993 Aug 25 j 07:53	19°♌46'06	1.41637 AU
evening rise	-1993 Aug 31 j 00:46	29°♌07'22	
	-1993 Aug 31 j 13:53	0°♍	
desc. node	-1993 Sep 04 j 01:25	5°♍30'07	
	-1993 Sep 20 j 15:31	0°♎	
greatest brilliancy	-1993 Sep 28 j 10:52	10°♎13'01	-0.3m
evening max el	-1993 Oct 03 j 05:41	15°♎35'11	22°32'14
retrograde	-1993 Oct 12 j 22:38	21°♎21'22	
evening set	-1993 Oct 17 j 12:22	19°♎31'06	
asc. node	-1993 Oct 20 j 23:27	15°♎45'45	
inferior conj	-1993 Oct 22 j 21:17	13°♎10'26	0°39'17
minimum elong	-1993 Oct 22 j 20:23	13°♎13'34	0°38'53
min. Earth dist.	-1993 Oct 22 j 19:08	13°♎17'53	0.67532 AU
morning rise	-1993 Oct 28 j 04:19	6°♎55'51	
direct	-1993 Nov 01 j 16:04	5°♎07'24	
morning max el	-1993 Nov 11 j 00:21	10°♎39'34	22°10'30
greatest brilliancy	-1993 Nov 15 j 17:25	15°♎58'38	-0.4m
	-1993 Nov 26 j 03:25	0°♏	
desc. node	-1993 Dec 01 j 00:48	7°♏08'35	
morning set	-1993 Dec 13 j 22:28	27°♏06'48	
	-1993 Dec 15 j 17:11	0°♐	
max. Earth dist.	-1993 Dec 19 j 18:18	6°♐41'45	1.41048 AU
superior conj	-1993 Dec 27 j 12:13	20°♐04'51	-1°-58'-27
minimum elong	-1993 Dec 27 j 11:41	20°♐02'33	1°58'30
	-1992 Jan 01 j 23:37	0°♑	
evening rise	-1992 Jan 06 j 20:39	9°♑03'35	
asc. node	-1992 Jan 16 j 22:45	26°♑58'12	
	-1992 Jan 18 j 23:16	0°♒	
evening max el	-1992 Jan 23 j 03:00	5°♒01'42	18°15'40
retrograde	-1992 Jan 30 j 04:53	8°♒34'05	
evening set	-1992 Feb 01 j 17:47	8°♒07'43	
inferior conj	-1992 Feb 08 j 19:18	3°♒22'40	3°48'06
minimum elong	-1992 Feb 08 j 21:16	3°♒18'22	3°47'53
min. Earth dist.	-1992 Feb 12 j 03:45	0°♒28'13	0.59857 AU
	-1992 Feb 12 j 17:35	30°℞♑	
morning rise	-1992 Feb 15 j 21:30	27°♑46'03	
direct	-1992 Feb 22 j 11:19	25°♑47'23	
desc. node	-1992 Feb 26 j 23:57	26°♑40'17	
	-1992 Mar 03 j 17:32	0°♒	
morning max el	-1992 Mar 07 j 17:31	3°♒29'49	27°15'44
	-1992 Mar 27 j 03:07	0°♓	
morning set	-1992 Apr 07 j 18:01	22°♓02'38	
	-1992 Apr 11 j 12:04	0°♈	
asc. node	-1992 Apr 13 j 22:08	5°♈15'38	
superior conj	-1992 Apr 14 j 21:55	7°♈25'45	0°10'27
minimum elong	-1992 Apr 14 j 21:26	7°♈23'11	0°10'22
behind sun begin	-1992 Apr 14 j 17:38	7°♈02'19	
behind sun end	-1992 Apr 15 j 01:15	7°♈44'02	
max. Earth dist.	-1992 Apr 14 j 09:50	6°♈19'38	1.32458 AU
evening rise	-1992 Apr 21 j 21:17	22°♈31'14	
	-1992 Apr 25 j 12:52	0°♉	
	-1992 May 13 j 22:21	0°♊	
evening max el	-1992 May 19 j 22:13	6°♊37'41	25°53'39
desc. node	-1992 May 24 j 23:05	10°♊43'58	
retrograde	-1992 Jun 03 j 00:00	13°♊52'08	
evening set	-1992 Jun 09 j 00:02	12°♊25'02	
min. Earth dist.	-1992 Jun 13 j 10:43	9°♊43'57	0.58749 AU
inferior conj	-1992 Jun 16 j 18:33	7°♊16'52	-4°-30'-10
minimum elong	-1992 Jun 16 j 17:15	7°♊19'17	4°30'05
morning rise	-1992 Jun 24 j 14:17	2°♊51'55	
direct	-1992 Jun 27 j 01:56	2°♊31'32	
morning max el	-1992 Jul 05 j 03:00	6°♊20'17	18°36'12
asc. node	-1992 Jul 10 j 21:24	13°♊29'05	
	-1992 Jul 20 j 05:43	0°♋	
morning set	-1992 Jul 21 j 08:28	2°♋08'59	
superior conj	-1992 Jul 30 j 06:37	19°♋16'30	1°47'00
minimum elong	-1992 Jul 30 j 07:51	19°♋22'15	1°47'01
	-1992 Aug 05 j 03:42	0°♌	
max. Earth dist.	-1992 Aug 06 j 11:27	2°♌20'02	1.39696 AU
evening rise	-1992 Aug 10 j 17:10	9°♌37'00	
desc. node	-1992 Aug 20 j 22:26	26°♌03'02	
	-1992 Aug 23 j 12:51	0°♍	
evening max el	-1992 Sep 14 j 18:41	29°♍04'11	23°52'47
	-1992 Sep 15 j 17:38	0°♎	
retrograde	-1992 Sep 25 j 14:36	5°♎27'11	
evening set	-1992 Sep 30 j 18:30	3°♎18'06	
	-1992 Oct 03 j 20:22	30°℞♍	
min. Earth dist.	-1992 Oct 05 j 15:29	27°♍37'42	0.67444 AU
inferior conj	-1992 Oct 06 j 03:52	26°♍55'34	0°-14'-21
minimum elong	-1992 Oct 06 j 04:12	26°♍54'24	0°14'14
transit middle	-1992 Oct 06 j 04:12	26°♍54'24	0°14'14
transit begin	-1992 Oct 06 j 02:53	26°♍58'55	
transit end	-1992 Oct 06 j 05:32	26°♍49'54	
asc. node	-1992 Oct 06 j 20:32	25°♍59'05	
morning rise	-1992 Oct 11 j 14:04	20°♍45'20	
direct	-1992 Oct 15 j 12:14	19°♍18'10	
morning max el	-1992 Oct 23 j 18:37	24°♍08'15	20°51'15
	-1992 Oct 28 j 19:57	0°♎	
greatest brilliancy	-1992 Oct 29 j 14:35	0°♎59'56	-0.5m
desc. node	-1992 Nov 16 j 21:50	27°♎29'17	
	-1992 Nov 18 j 13:10	0°♏	
morning set	-1992 Nov 22 j 02:39	5°♏30'49	
max. Earth dist.	-1992 Nov 30 j 23:01	19°♏34'37	1.42874 AU
	-1992 Dec 07 j 06:31	0°♐	
superior conj	-1992 Dec 07 j 17:17	0°♐45'18	-1°-49'-10
minimum elong	-1992 Dec 07 j 12:31	0°♐25'16	1°48'57
evening rise	-1992 Dec 19 j 15:03	21°♐27'59	
	-1992 Dec 24 j 10:31	0°♑	
asc. node	-1991 Jan 02 j 19:47	14°♑55'59	
evening max el	-1991 Jan 05 j 14:14	18°♑08'00	18°07'55
retrograde	-1991 Jan 12 j 04:53	21°♑34'24	
evening set	-1991 Jan 14 j 21:22	20°♑59'58	
inferior conj	-1991 Jan 21 j 10:16	15°♑53'27	3°56'43
minimum elong	-1991 Jan 21 j 09:49	15°♑54'36	3°56'40
min. Earth dist.	-1991 Jan 24 j 08:53	12°♑57'57	0.61893 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning rise	-1991 Jan 27 j 19:58	10°♑01'57	
direct	-1991 Feb 03 j 19:53	7°♑31'30	
desc. node	-1991 Feb 12 j 21:01	11°♑02'21	
morning max el	-1991 Feb 17 j 20:49	15°♑19'32	27°43'47
	-1991 Mar 01 j 20:52	0°♒	
	-1991 Mar 19 j 15:02	0°♓	
morning set	-1991 Mar 22 j 22:37	6°♓36'46	
max. Earth dist.	-1991 Mar 28 j 20:34	19°♓04'09	1.32691 AU
superior conj	-1991 Mar 30 j 08:23	22°♓18'08	0°-15'-14
minimum elong	-1991 Mar 30 j 09:05	22°♓21'57	0°15'05
behind sun begin	-1991 Mar 30 j 07:31	22°♓13'27	
behind sun end	-1991 Mar 30 j 10:39	22°♓30'28	
asc. node	-1991 Mar 31 j 19:11	25°♓27'32	
	-1991 Apr 02 j 21:16	0°♈	
evening rise	-1991 Apr 06 j 08:45	7°♈27'37	
	-1991 Apr 18 j 05:52	0°♉	
evening max el	-1991 May 01 j 14:45	17°♉32'27	24°29'41
desc. node	-1991 May 11 j 20:07	24°♉02'53	
retrograde	-1991 May 15 j 13:25	24°♉34'41	
evening set	-1991 May 20 j 06:03	23°♉45'06	
min. Earth dist.	-1991 May 26 j 02:32	20°♉47'30	0.56887 AU
inferior conj	-1991 May 28 j 20:44	19°♉01'17	-3°-59'-34
minimum elong	-1991 May 28 j 15:27	19°♉09'50	3°58'38
morning rise	-1991 Jun 06 j 04:49	14°♉55'35	
direct	-1991 Jun 08 j 17:40	14°♉37'53	
morning max el	-1991 Jun 18 j 02:13	18°♉58'42	19°27'33
	-1991 Jun 26 j 12:23	0°♊	
asc. node	-1991 Jun 27 j 18:29	2°♊06'49	
morning set	-1991 Jul 05 j 08:22	16°♊26'44	
	-1991 Jul 12 j 02:48	0°♋	
superior conj	-1991 Jul 13 j 12:17	2°♋45'02	1°47'25
minimum elong	-1991 Jul 13 j 11:31	2°♋41'13	1°47'27
max. Earth dist.	-1991 Jul 19 j 13:51	14°♋19'21	1.37735 AU
evening rise	-1991 Jul 23 j 10:53	21°♋20'39	
	-1991 Jul 28 j 11:20	0°♌	
desc. node	-1991 Aug 07 j 19:25	16°♌23'14	
	-1991 Aug 17 j 11:12	0°♍	
evening max el	-1991 Aug 28 j 05:58	12°♍37'26	25°10'04
retrograde	-1991 Sep 09 j 02:20	19°♍29'20	
evening set	-1991 Sep 14 j 21:14	17°♍02'43	
min. Earth dist.	-1991 Sep 19 j 09:30	11°♍57'49	0.67048 AU
inferior conj	-1991 Sep 20 j 08:33	10°♍42'18	-1°-8'-58
minimum elong	-1991 Sep 20 j 10:14	10°♍36'48	1°08'17
asc. node	-1991 Sep 23 j 17:36	6°♍36'14	
morning rise	-1991 Sep 25 j 23:42	4°♍39'31	
direct	-1991 Sep 29 j 10:18	3°♍30'55	
morning max el	-1991 Oct 06 j 20:21	7°♍46'24	19°44'03
greatest brilliancy	-1991 Oct 14 j 23:23	18°♍00'05	-0.6m
	-1991 Oct 23 j 01:57	0°♎	
morning set	-1991 Nov 01 j 00:36	13°♎44'48	
desc. node	-1991 Nov 03 j 18:51	18°♎01'58	
	-1991 Nov 11 j 10:04	0°♏	
max. Earth dist.	-1991 Nov 13 j 11:09	3°♏14'27	1.44206 AU
superior conj	-1991 Nov 17 j 19:07	10°♏10'22	-1°-22'-38
minimum elong	-1991 Nov 17 j 11:27	9°♏39'31	1°21'55
	-1991 Nov 29 j 19:46	0°♐	
evening rise	-1991 Dec 01 j 14:27	3°♐00'08	
	-1991 Dec 18 j 19:12	0°♑	
evening max el	-1991 Dec 20 j 02:52	1°♑26'19	18°19'12
asc. node	-1991 Dec 20 j 16:49	2°♑00'31	
retrograde	-1991 Dec 26 j 15:26	4°♑58'47	
evening set	-1991 Dec 29 j 12:05	4°♑15'07	
	-1990 Jan 03 j 13:21	30°℞♐	
inferior conj	-1990 Jan 04 j 15:16	28°♐48'27	3°44'45
minimum elong	-1990 Jan 04 j 13:09	28°♐54'22	3°44'26
min. Earth dist.	-1990 Jan 06 j 23:22	26°♐12'05	0.63715 AU
morning rise	-1990 Jan 10 j 12:41	22°♐46'54	
direct	-1990 Jan 17 j 12:16	19°♐59'01	
desc. node	-1990 Jan 30 j 18:05	27°♐20'31	
morning max el	-1990 Jan 31 j 04:29	27°♐46'04	27°35'23
	-1990 Feb 02 j 08:02	0°♑	
	-1990 Feb 23 j 13:32	0°♒	
morning set	-1990 Mar 06 j 20:17	20°♒46'06	
	-1990 Mar 11 j 08:56	0°♓	
max. Earth dist.	-1990 Mar 12 j 01:01	1°♓24'14	1.33318 AU
superior conj	-1990 Mar 14 j 15:48	6°♓57'08	0°-41'-8
minimum elong	-1990 Mar 14 j 17:42	7°♓07'16	0°40'47
asc. node	-1990 Mar 18 j 16:12	15°♓34'44	
evening rise	-1990 Mar 21 j 20:20	22°♓19'51	
	-1990 Mar 25 j 14:09	0°♈	
evening max el	-1990 Apr 13 j 06:33	28°♈11'22	22°55'13
	-1990 Apr 15 j 07:09	0°♉	
retrograde	-1990 Apr 26 j 13:36	4°♉45'09	
desc. node	-1990 Apr 28 j 17:10	4°♉34'56	
evening set	-1990 Apr 29 j 21:55	4°♉20'41	
min. Earth dist.	-1990 May 07 j 16:08	0°♉54'53	0.55568 AU
inferior conj	-1990 May 09 j 03:49	0°♉03'21	-2°-46'-16
minimum elong	-1990 May 08 j 21:22	0°♉12'41	2°44'25
	-1990 May 09 j 06:08	30°℞♈	
morning rise	-1990 May 17 j 23:35	26°♈07'52	
direct	-1990 May 20 j 15:33	25°♈51'02	
	-1990 May 30 j 13:01	0°♉	
morning max el	-1990 May 31 j 14:56	0°♉57'16	20°39'17
asc. node	-1990 Jun 14 j 15:32	21°♉17'20	
	-1990 Jun 19 j 01:35	0°♊	
morning set	-1990 Jun 19 j 14:19	1°♊04'52	
superior conj	-1990 Jun 27 j 05:46	16°♊50'36	1°40'05
minimum elong	-1990 Jun 27 j 03:45	16°♊40'15	1°39'58
max. Earth dist.	-1990 Jul 01 j 21:18	26°♊08'09	1.35974 AU
	-1990 Jul 03 j 21:17	0°♋	
evening rise	-1990 Jul 06 j 01:43	4°♋07'12	
	-1990 Jul 21 j 08:52	0°♌	
desc. node	-1990 Jul 25 j 16:26	6°♌24'08	
evening max el	-1990 Aug 10 j 17:19	26°♌11'41	26°16'13
	-1990 Aug 15 j 03:19	0°♍	
retrograde	-1990 Aug 23 j 09:09	3°♍22'02	
evening set	-1990 Aug 29 j 18:32	0°♍41'51	
	-1990 Aug 30 j 13:14	30°℞♌	
min. Earth dist.	-1990 Sep 02 j 22:42	26°♌14'46	0.66321 AU
inferior conj	-1990 Sep 04 j 09:29	24°♌27'17	-2°-2'-50
minimum elong	-1990 Sep 04 j 12:26	24°♌18'09	2°01'42
morning rise	-1990 Sep 10 j 07:12	18°♌35'18	
asc. node	-1990 Sep 10 j 14:40	18°♌25'01	
direct	-1990 Sep 13 j 08:31	17°♌41'58	
morning max el	-1990 Sep 20 j 04:47	21°♌31'53	18°51'40
	-1990 Sep 26 j 21:25	0°♍	
morning set	-1990 Oct 11 j 15:44	22°♍54'27	
	-1990 Oct 16 j 03:21	0°♎	
desc. node	-1990 Oct 21 j 15:50	8°♎42'07	
max. Earth dist.	-1990 Oct 27 j 04:20	17°♎23'30	1.44874 AU
superior conj	-1990 Oct 27 j 23:13	18°♎37'51	0°-39'-55
minimum elong	-1990 Oct 27 j 18:05	18°♎17'39	0°39'17
	-1990 Nov 04 j 03:45	0°♏	
evening rise	-1990 Nov 12 j 14:41	13°♏32'21	
	-1990 Nov 22 j 20:32	0°♐	
evening max el	-1990 Dec 03 j 14:12	14°♐50'16	18°48'36
asc. node	-1990 Dec 07 j 13:51	17°♐56'59	
retrograde	-1990 Dec 10 j 08:37	18°♐39'17	

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evening set	-1990 Dec 13 j 10:42	17°♐44'50	
inferior conj	-1990 Dec 19 j 06:36	12°♐00'26	3°18'23
minimum elong	-1990 Dec 19 j 03:43	12°♐09'14	3°17'42
min. Earth dist.	-1990 Dec 20 j 23:34	9°♐55'25	0.65189 AU
morning rise	-1990 Dec 24 j 19:42	5°♐51'41	
direct	-1990 Dec 31 j 11:06	3°♐01'28	
morning max el	-1989 Jan 13 j 14:04	10°♐39'16	26°54'29
desc. node	-1989 Jan 17 j 15:08	15°♐01'36	
	-1989 Jan 28 j 23:19	0°♑	
	-1989 Feb 16 j 00:42	0°♒	
morning set	-1989 Feb 18 j 07:47	4°♒20'26	
max. Earth dist.	-1989 Feb 22 j 19:43	13°♒11'30	1.34373 AU
superior conj	-1989 Feb 26 j 18:09	21°♒16'05	-1°-6'-9
minimum elong	-1989 Feb 26 j 21:04	21°♒31'17	1°05'42
	-1989 Mar 02 j 21:50	0°♓	
asc. node	-1989 Mar 05 j 13:12	5°♓33'03	
evening rise	-1989 Mar 06 j 06:14	7°♓01'43	
	-1989 Mar 18 j 19:11	0°♈	
evening max el	-1989 Mar 26 j 04:04	9°♈02'43	21°24'24
retrograde	-1989 Apr 07 j 04:16	14°♈51'09	
evening set	-1989 Apr 09 j 15:34	14°♈37'13	
desc. node	-1989 Apr 15 j 14:14	12°♈27'13	
inferior conj	-1989 Apr 18 j 23:27	10°♈36'59	0°-57'-8
minimum elong	-1989 Apr 18 j 20:45	10°♈40'46	0°56'12
min. Earth dist.	-1989 Apr 19 j 05:29	10°♈28'31	0.55074 AU
morning rise	-1989 Apr 28 j 02:08	6°♈35'34	
direct	-1989 May 01 j 03:09	6°♈15'23	
morning max el	-1989 May 13 j 16:54	12°♈14'16	22°08'29
	-1989 May 26 j 18:34	0°♉	
asc. node	-1989 Jun 01 j 12:34	10°♉52'24	
morning set	-1989 Jun 04 j 00:08	15°♉57'08	
	-1989 Jun 10 j 15:48	0°♊	
superior conj	-1989 Jun 11 j 07:30	1°♊22'42	1°26'53
minimum elong	-1989 Jun 11 j 04:56	1°♊09'16	1°26'36
max. Earth dist.	-1989 Jun 14 j 13:48	8°♊09'41	1.34544 AU
evening rise	-1989 Jun 19 j 08:34	17°♊42'45	
	-1989 Jun 25 j 23:26	0°♋	
desc. node	-1989 Jul 12 j 13:27	25°♋57'22	
	-1989 Jul 15 j 15:20	0°♌	
evening max el	-1989 Jul 24 j 04:58	9°♌39'30	27°03'20
retrograde	-1989 Aug 06 j 10:46	16°♌59'00	
evening set	-1989 Aug 13 j 08:04	14°♌12'42	
min. Earth dist.	-1989 Aug 17 j 04:46	10°♌23'53	0.65230 AU
inferior conj	-1989 Aug 19 j 04:35	8°♌07'20	-2°-53'-48
minimum elong	-1989 Aug 19 j 08:31	7°♌56'05	2°52'31
morning rise	-1989 Aug 25 j 10:21	2°♌29'30	
direct	-1989 Aug 28 j 04:43	1°♌47'59	
asc. node	-1989 Aug 28 j 11:44	1°♌48'27	
morning max el	-1989 Sep 03 j 17:58	5°♌21'27	18°15'41
	-1989 Sep 20 j 08:41	0°♍	
morning set	-1989 Sep 22 j 10:39	3°♍26'18	
superior conj	-1989 Oct 07 j 00:48	27°♍04'01	0°09'43
minimum elong	-1989 Oct 07 j 02:02	27°♍08'53	0°09'34
behind sun begin	-1989 Oct 06 j 17:01	26°♍33'05	
behind sun end	-1989 Oct 07 j 11:03	27°♍44'39	
desc. node	-1989 Oct 08 j 12:50	29°♍26'46	
	-1989 Oct 08 j 21:14	0°♎	
max. Earth dist.	-1989 Oct 09 j 23:02	1°♎41'52	1.44807 AU
evening rise	-1989 Oct 23 j 15:02	23°♎05'33	
	-1989 Oct 28 j 01:32	0°♏	
greatest brilliancy	-1989 Nov 08 j 10:54	17°♏20'53	-0.7m
evening max el	-1989 Nov 16 j 21:58	28°♏16'30	19°34'38
	-1989 Nov 18 j 17:48	0°♐	
retrograde	-1989 Nov 24 j 05:14	2°♐30'54	
asc. node	-1989 Nov 24 j 10:54	2°♐30'34	
evening set	-1989 Nov 27 j 14:31	1°♐23'46	
	-1989 Nov 29 j 07:43	30°℞♏	
inferior conj	-1989 Dec 03 j 05:12	25°♏24'43	2°41'51
minimum elong	-1989 Dec 03 j 02:16	25°♏34'15	2°40'56
min. Earth dist.	-1989 Dec 04 j 08:18	23°♏56'24	0.66289 AU
morning rise	-1989 Dec 08 j 13:18	19°♏11'02	
direct	-1989 Dec 14 j 15:54	16°♏30'28	
morning max el	-1989 Dec 26 j 23:26	23°♏47'22	25°48'24
	-1988 Jan 01 j 13:20	0°♐	
desc. node	-1988 Jan 04 j 12:09	3°♐41'15	
	-1988 Jan 22 j 08:29	0°♑	
morning set	-1988 Feb 01 j 04:42	17°♑06'01	
max. Earth dist.	-1988 Feb 05 j 02:36	24°♑26'22	1.35875 AU
	-1988 Feb 07 j 23:16	0°♒	
superior conj	-1988 Feb 10 j 12:48	5°♒06'33	-1°-28'-45
minimum elong	-1988 Feb 10 j 16:17	5°♒24'04	1°28'22
evening rise	-1988 Feb 18 j 12:26	21°♒25'54	
asc. node	-1988 Feb 20 j 10:14	25°♒17'10	
	-1988 Feb 22 j 19:51	0°♓	
evening max el	-1988 Mar 07 j 11:43	20°♓25'40	20°07'07
retrograde	-1988 Mar 17 j 19:49	25°♓21'46	
evening set	-1988 Mar 20 j 00:38	25°♓09'19	
inferior conj	-1988 Mar 28 j 21:20	21°♓09'50	0°59'42
minimum elong	-1988 Mar 28 j 23:54	21°♓05'58	0°58'49
min. Earth dist.	-1988 Mar 30 j 19:36	20°♓00'23	0.55527 AU
desc. node	-1988 Apr 01 j 11:17	19°♓03'20	
morning rise	-1988 Apr 06 j 20:28	16°♓44'03	
direct	-1988 Apr 10 j 17:27	16°♓11'09	
morning max el	-1988 Apr 24 j 10:41	22°♓58'02	23°47'45
	-1988 Apr 30 j 16:24	0°♈	
morning set	-1988 May 18 j 11:53	0°♉56'22	
asc. node	-1988 May 18 j 09:37	0°♉44'27	
	-1988 May 18 j 01:06	0°♉	
superior conj	-1988 May 25 j 14:36	16°♉11'18	1°09'14
minimum elong	-1988 May 25 j 12:07	15°♉57'57	1°08'51
max. Earth dist.	-1988 May 27 j 15:36	20°♉33'25	1.33492 AU
	-1988 Jun 01 j 04:28	0°♊	
evening rise	-1988 Jun 02 j 02:54	1°♊53'11	
	-1988 Jun 17 j 21:00	0°♋	
desc. node	-1988 Jun 28 j 10:30	14°♋50'23	
evening max el	-1988 Jul 05 j 15:36	22°♋48'46	27°24'36
	-1988 Jul 17 j 08:27	0°♌	
retrograde	-1988 Jul 19 j 06:50	0°♌10'49	
	-1988 Jul 21 j 04:04	30°℞♋	
evening set	-1988 Jul 26 j 10:43	27°♋29'52	
min. Earth dist.	-1988 Jul 30 j 01:51	24°♋15'39	0.63755 AU
inferior conj	-1988 Aug 01 j 15:18	21°♋36'42	-3°-38'-59
minimum elong	-1988 Aug 01 j 19:34	21°♋25'38	3°37'55
morning rise	-1988 Aug 08 j 06:25	16°♋16'11	
direct	-1988 Aug 10 j 20:12	15°♋43'24	
asc. node	-1988 Aug 14 j 08:48	16°♋45'14	
morning max el	-1988 Aug 17 j 09:16	19°♋09'01	17°57'09
	-1988 Aug 25 j 08:42	0°♌	
morning set	-1988 Sep 03 j 07:43	15°♌13'12	
	-1988 Sep 11 j 23:28	0°♍	
superior conj	-1988 Sep 15 j 21:04	6°♍28'13	0°53'41
minimum elong	-1988 Sep 16 j 02:11	6°♍49'13	0°53'03
max. Earth dist.	-1988 Sep 21 j 15:39	15°♍49'37	1.44023 AU
desc. node	-1988 Sep 24 j 09:53	20°♍12'56	
	-1988 Sep 30 j 15:58	0°♎	
evening rise	-1988 Oct 01 j 22:47	1°♎59'05	
	-1988 Oct 20 j 17:04	0°♏	
greatest brilliancy	-1988 Oct 23 j 23:00	4°♏26'50	-0.5m

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening max el	-1988 Oct 30 j 00:31	11°♏43'34	20°35'14
retrograde	-1988 Nov 07 j 02:45	16°♏30'24	
asc. node	-1988 Nov 10 j 07:57	15°♏30'59	
evening set	-1988 Nov 10 j 21:21	15°♏08'19	
inferior conj	-1988 Nov 16 j 08:35	8°♏58'08	1°58'04
minimum elong	-1988 Nov 16 j 06:10	9°♏06'22	1°57'09
min. Earth dist.	-1988 Nov 16 j 23:28	8°♏07'36	0.67032 AU
morning rise	-1988 Nov 21 j 14:29	2°♏41'57	
direct	-1988 Nov 27 j 02:09	0°♏18'53	
morning max el	-1988 Dec 08 j 07:58	7°♏01'18	24°26'44
desc. node	-1988 Dec 21 j 09:12	23°♏02'37	
	-1988 Dec 26 j 06:16	0°♐	
morning set	-1987 Jan 13 j 05:20	28°♐47'10	
	-1987 Jan 13 j 21:58	0°♑	
max. Earth dist.	-1987 Jan 16 j 23:54	5°♑29'49	1.37768 AU
superior conj	-1987 Jan 23 j 20:28	18°♑19'40	-1°-46'-47
minimum elong	-1987 Jan 23 j 23:36	18°♑34'48	1°46'35
	-1987 Jan 29 j 19:03	0°♒	
evening rise	-1987 Feb 01 j 12:40	5°♒26'01	
asc. node	-1987 Feb 06 j 07:17	14°♒41'31	
	-1987 Feb 15 j 23:53	0°♓	
evening max el	-1987 Feb 18 j 06:10	2°♓25'47	19°08'10
retrograde	-1987 Feb 26 j 23:48	6°♓36'53	
evening set	-1987 Mar 01 j 06:45	6°♓20'52	
inferior conj	-1987 Mar 09 j 10:08	2°♓08'36	2°33'17
minimum elong	-1987 Mar 09 j 14:50	2°♓00'32	2°32'02
min. Earth dist.	-1987 Mar 12 j 11:09	0°♓04'02	0.56827 AU
	-1987 Mar 12 j 13:37	30°℞♒	
morning rise	-1987 Mar 17 j 18:54	27°♒11'07	
desc. node	-1987 Mar 19 j 08:20	26°♒40'12	
direct	-1987 Mar 22 j 20:05	26°♒11'22	
	-1987 Apr 01 j 21:56	0°♓	
morning max el	-1987 Apr 06 j 01:31	3°♓30'39	25°24'27
	-1987 Apr 24 j 21:31	0°♈	
morning set	-1987 May 02 j 23:55	15°♈56'46	
asc. node	-1987 May 05 j 06:40	20°♈48'03	
	-1987 May 09 j 12:14	0°♉	
superior conj	-1987 May 10 j 00:54	1°♉09'07	0°48'14
minimum elong	-1987 May 09 j 22:57	0°♉58'28	0°47'52
max. Earth dist.	-1987 May 11 j 00:31	3°♉17'42	1.32813 AU
evening rise	-1987 May 17 j 05:12	16°♉27'36	
	-1987 May 24 j 03:29	0°♊	
	-1987 Jun 12 j 20:31	0°♋	
desc. node	-1987 Jun 15 j 07:33	2°♋46'15	
evening max el	-1987 Jun 17 j 23:08	5°♋27'37	27°14'45
retrograde	-1987 Jul 01 j 20:27	12°♋47'55	
evening set	-1987 Jul 08 j 22:35	10°♋26'26	
min. Earth dist.	-1987 Jul 12 j 12:59	7°♋37'24	0.61946 AU
inferior conj	-1987 Jul 15 j 14:36	4°♋48'20	-4°-13'-55
minimum elong	-1987 Jul 15 j 18:01	4°♋40'27	4°13'24
	-1987 Jul 22 j 03:36	30°℞♊	
morning rise	-1987 Jul 22 j 16:07	29°♊47'54	
direct	-1987 Jul 25 j 03:39	29°♊21'12	
	-1987 Jul 28 j 02:09	0°♋	
morning max el	-1987 Jul 31 j 23:48	2°♋47'40	17°56'53
asc. node	-1987 Aug 01 j 05:54	3°♋02'47	
morning set	-1987 Aug 17 j 01:10	27°♋58'35	
	-1987 Aug 18 j 03:57	0°♌	
superior conj	-1987 Aug 27 j 20:37	17°♌13'03	1°24'50
minimum elong	-1987 Aug 28 j 01:29	17°♌34'02	1°24'24
max. Earth dist.	-1987 Sep 04 j 03:44	29°♌29'46	1.42639 AU
	-1987 Sep 04 j 11:07	0°♍	
evening rise	-1987 Sep 11 j 06:56	10°♍56'56	
desc. node	-1987 Sep 11 j 06:54	10°♍56'50	
	-1987 Sep 23 j 19:33	0°♎	
greatest brilliancy	-1987 Oct 08 j 00:44	19°♎38'45	-0.4m
evening max el	-1987 Oct 12 j 21:11	25°♎10'42	21°47'22
	-1987 Oct 19 j 06:40	0°♏	
retrograde	-1987 Oct 21 j 23:08	0°♏34'30	
	-1987 Oct 24 j 11:52	30°℞♎	
evening set	-1987 Oct 26 j 05:16	28°♎55'10	
asc. node	-1987 Oct 28 j 05:01	27°♎00'40	
inferior conj	-1987 Oct 31 j 14:38	22°♎37'28	1°09'07
minimum elong	-1987 Oct 31 j 13:06	22°♎42'48	1°08'28
min. Earth dist.	-1987 Oct 31 j 18:33	22°♎23'56	0.67444 AU
morning rise	-1987 Nov 05 j 20:39	16°♎21'27	
direct	-1987 Nov 10 j 17:01	14°♎19'53	
morning max el	-1987 Nov 20 j 17:38	20°♎18'04	22°59'30
greatest brilliancy	-1987 Nov 25 j 14:05	25°♎44'40	-0.3m
	-1987 Nov 28 j 23:06	0°♏	
desc. node	-1987 Dec 08 j 06:15	12°♏53'18	
	-1987 Dec 19 j 12:18	0°♐	
morning set	-1987 Dec 25 j 03:25	9°♐07'36	
max. Earth dist.	-1987 Dec 29 j 19:11	16°♐59'22	1.39868 AU
	-1986 Jan 06 j 03:09	0°♑	
superior conj	-1986 Jan 06 j 12:44	0°♑43'49	-1°-57'-18
minimum elong	-1986 Jan 06 j 14:04	0°♑49'57	1°57'18
evening rise	-1986 Jan 16 j 04:06	18°♑54'43	
	-1986 Jan 22 j 02:18	0°♒	
asc. node	-1986 Jan 24 j 04:19	3°♒38'58	
evening max el	-1986 Feb 01 j 09:24	14°♒57'49	18°29'05
retrograde	-1986 Feb 08 j 22:14	18°♒39'23	
evening set	-1986 Feb 11 j 09:14	18°♒17'04	
inferior conj	-1986 Feb 18 j 19:24	13°♒44'40	3°30'40
minimum elong	-1986 Feb 18 j 22:48	13°♒37'51	3°30'06
min. Earth dist.	-1986 Feb 22 j 05:27	11°♒01'46	0.58683 AU
morning rise	-1986 Feb 26 j 08:42	8°♒20'18	
direct	-1986 Mar 04 j 11:59	6°♒43'24	
desc. node	-1986 Mar 06 j 05:23	6°♒50'58	
morning max el	-1986 Mar 18 j 19:07	14°♒19'32	26°43'32
	-1986 Mar 31 j 08:08	0°♓	
morning set	-1986 Apr 17 j 10:34	0°♈52'22	
	-1986 Apr 17 j 00:31	0°♈	
asc. node	-1986 Apr 22 j 03:44	10°♈58'22	
superior conj	-1986 Apr 24 j 12:35	16°♈09'34	0°24'46
minimum elong	-1986 Apr 24 j 11:30	16°♈03'38	0°24'33
max. Earth dist.	-1986 Apr 24 j 13:17	16°♈13'24	1.32484 AU
	-1986 Apr 30 j 22:07	0°♉	
evening rise	-1986 May 01 j 12:46	1°♉16'51	
	-1986 May 17 j 05:56	0°♊	
evening max el	-1986 May 31 j 01:15	17°♊26'13	26°32'04
desc. node	-1986 Jun 02 j 04:33	19°♊21'21	
retrograde	-1986 Jun 14 j 02:04	24°♊42'46	
evening set	-1986 Jun 20 j 15:18	22°♊53'44	
min. Earth dist.	-1986 Jun 24 j 14:33	20°♊14'52	0.59925 AU
inferior conj	-1986 Jun 27 j 22:58	17°♊33'53	-4°-31'-40
minimum elong	-1986 Jun 27 j 23:52	17°♊32'04	4°31'37
morning rise	-1986 Jul 05 j 11:47	12°♊55'37	
direct	-1986 Jul 07 j 23:05	12°♊33'10	
morning max el	-1986 Jul 15 j 10:41	16°♊10'19	18°16'00
asc. node	-1986 Jul 19 j 02:59	20°♊26'05	
	-1986 Jul 25 j 04:25	0°♋	
morning set	-1986 Jul 31 j 09:41	11°♋28'43	
superior conj	-1986 Aug 09 j 21:38	29°♋14'07	1°42'20
minimum elong	-1986 Aug 10 j 00:16	29°♋26'05	1°42'14
	-1986 Aug 10 j 07:45	0°♌	
max. Earth dist.	-1986 Aug 17 j 10:41	12°♌31'48	1.40839 AU
evening rise	-1986 Aug 22 j 09:06	20°♌46'33	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1986 Aug 28 j 03:28	0°♍	
desc. node	-1986 Aug 29 j 03:56	1°♍35'17	
	-1986 Sep 18 j 01:01	0°♎	
greatest brilliancy	-1986 Sep 20 j 01:37	2°♎31'32	-0.2m
evening max el	-1986 Sep 25 j 12:37	8°♎39'17	23°06'25
retrograde	-1986 Oct 05 j 16:56	14°♎40'59	
evening set	-1986 Oct 10 j 12:34	12°♎42'47	
asc. node	-1986 Oct 15 j 02:05	7°♎27'49	
inferior conj	-1986 Oct 15 j 21:32	6°♎21'07	0°16'45
minimum elong	-1986 Oct 15 j 21:08	6°♎22'29	0°16'33
min. Earth dist.	-1986 Oct 15 j 15:04	6°♎43'19	0.67542 AU
morning rise	-1986 Oct 21 j 05:42	0°♎08'06	
	-1986 Oct 21 j 09:54	30°℞♍	
direct	-1986 Oct 25 j 11:34	28°♍28'46	
	-1986 Oct 29 j 22:41	0°♎	
morning max el	-1986 Nov 03 j 08:00	3°♎41'42	21°35'28
greatest brilliancy	-1986 Nov 08 j 08:56	9°♎27'48	-0.4m
	-1986 Nov 23 j 01:49	0°♏	
desc. node	-1986 Nov 25 j 03:18	3°♏05'05	
morning set	-1986 Dec 04 j 20:40	18°♏05'57	
max. Earth dist.	-1986 Dec 11 j 20:05	29°♏22'56	1.41882 AU
	-1986 Dec 12 j 05:03	0°♐	
superior conj	-1986 Dec 19 j 08:14	12°♐05'56	-1°-56'-27
minimum elong	-1986 Dec 19 j 06:00	11°♐56'14	1°56'26
	-1986 Dec 29 j 08:21	0°♑	
evening rise	-1986 Dec 30 j 07:20	1°♑45'05	
asc. node	-1985 Jan 11 j 01:20	22°♑01'20	
evening max el	-1985 Jan 15 j 18:33	27°♑53'47	18°09'57
	-1985 Jan 18 j 08:26	0°♒	
retrograde	-1985 Jan 22 j 14:14	1°♒21'47	
evening set	-1985 Jan 25 j 04:47	0°♒51'57	
	-1985 Jan 26 j 23:27	30°℞♑	
inferior conj	-1985 Feb 01 j 00:30	25°♑57'24	3°54'45
minimum elong	-1985 Feb 01 j 01:23	25°♑55'21	3°54'40
min. Earth dist.	-1985 Feb 04 j 05:33	22°♑59'56	0.60742 AU
morning rise	-1985 Feb 07 j 19:13	20°♑13'54	
direct	-1985 Feb 14 j 14:47	18°♑00'32	
desc. node	-1985 Feb 21 j 02:27	19°♑49'15	
morning max el	-1985 Feb 28 j 18:53	25°♑45'08	27°32'18
	-1985 Mar 04 j 18:04	0°♒	
	-1985 Mar 24 j 17:25	0°♓	
morning set	-1985 Apr 01 j 17:57	15°♓36'11	
max. Earth dist.	-1985 Apr 08 j 02:00	29°♓06'26	1.32510 AU
	-1985 Apr 08 j 11:49	0°♈	
superior conj	-1985 Apr 08 j 23:56	1°♈06'10	0°00'-21
minimum elong	-1985 Apr 08 j 23:57	1°♈06'15	0°00'21
behind sun begin	-1985 Apr 08 j 18:55	0°♈38'44	
behind sun end	-1985 Apr 09 j 04:59	1°♈33'47	
asc. node	-1985 Apr 09 j 00:45	1°♈10'39	
evening rise	-1985 Apr 15 j 23:21	16°♈12'27	
	-1985 Apr 22 j 21:02	0°♉	
evening max el	-1985 May 12 j 20:37	28°♉40'29	25°20'14
	-1985 May 14 j 07:16	0°♊	
desc. node	-1985 May 20 j 01:35	4°♊02'35	
retrograde	-1985 May 26 j 21:41	5°♊50'36	
evening set	-1985 Jun 01 j 09:35	4°♊40'09	
min. Earth dist.	-1985 Jun 06 j 08:35	1°♊54'03	0.57913 AU
	-1985 Jun 09 j 02:35	30°℞♉	
inferior conj	-1985 Jun 09 j 12:45	29°♉42'14	-4°-22'-5
minimum elong	-1985 Jun 09 j 09:40	29°♉47'37	4°21'46
morning rise	-1985 Jun 17 j 13:40	25°♉26'09	
direct	-1985 Jun 20 j 01:57	25°♉06'54	
morning max el	-1985 Jun 28 j 14:54	29°♉07'09	18°55'31
	-1985 Jun 29 j 12:23	0°♊	
asc. node	-1985 Jul 06 j 00:03	8°♊39'52	

morning set	-1985 Jul 15 j 04:55	25°♊31'29	
	-1985 Jul 17 j 11:29	0°♋	
superior conj	-1985 Jul 23 j 18:27	12°♋15'14	1°48'16
minimum elong	-1985 Jul 23 j 18:44	12°♋16'39	1°48'18
max. Earth dist.	-1985 Jul 30 j 13:37	24°♋51'09	1.38856 AU
	-1985 Aug 02 j 11:34	0°♌	
evening rise	-1985 Aug 03 j 12:33	1°♌48'07	
desc. node	-1985 Aug 16 j 00:56	22°♌03'32	
	-1985 Aug 21 j 09:43	0°♍	
evening max el	-1985 Sep 08 j 00:35	22°♍10'01	24°26'21
retrograde	-1985 Sep 19 j 07:04	28°♍45'59	
evening set	-1985 Sep 24 j 17:29	26°♍28'54	
min. Earth dist.	-1985 Sep 29 j 10:37	21°♍03'35	0.67326 AU
inferior conj	-1985 Sep 30 j 03:30	20°♍06'56	0°-37'-30
minimum elong	-1985 Sep 30 j 04:25	20°♍03'54	0°37'08
asc. node	-1985 Oct 01 j 23:10	17°♍44'00	
morning rise	-1985 Oct 05 j 15:39	13°♍59'45	
direct	-1985 Oct 09 j 08:38	12°♍40'56	
morning max el	-1985 Oct 17 j 05:30	17°♍14'45	20°20'57
greatest brilliancy	-1985 Oct 23 j 20:23	25°♍13'49	-0.6m
	-1985 Oct 27 j 06:58	0°♎	
desc. node	-1985 Nov 12 j 00:20	23°♎31'33	
morning set	-1985 Nov 13 j 19:14	26°♎17'12	
	-1985 Nov 16 j 04:34	0°♏	
max. Earth dist.	-1985 Nov 24 j 04:38	12°♏39'31	1.43518 AU
superior conj	-1985 Nov 30 j 01:45	22°♏13'50	-1°-40'-6
minimum elong	-1985 Nov 29 j 19:19	21°♏47'19	1°39'39
	-1985 Dec 04 j 17:24	0°♐	
evening rise	-1985 Dec 12 j 18:13	13°♐48'40	
	-1985 Dec 22 j 04:58	0°♑	
asc. node	-1985 Dec 28 j 22:22	9°♑38'09	
evening max el	-1985 Dec 30 j 06:39	11°♑05'48	18°10'23
retrograde	-1984 Jan 05 j 19:27	14°♑33'44	
evening set	-1984 Jan 08 j 13:34	13°♑55'31	
inferior conj	-1984 Jan 14 j 21:58	8°♑39'53	3°53'44
minimum elong	-1984 Jan 14 j 20:42	8°♑43'14	3°53'37
min. Earth dist.	-1984 Jan 17 j 14:33	5°♑50'40	0.62700 AU
morning rise	-1984 Jan 21 j 01:54	2°♑43'28	
direct	-1984 Jan 28 j 02:35	0°♑03'59	
desc. node	-1984 Feb 07 j 23:30	5°♑05'28	
morning max el	-1984 Feb 11 j 00:34	7°♑52'29	27°44'41
	-1984 Feb 28 j 01:19	0°♒	
morning set	-1984 Mar 15 j 19:57	0°♓01'08	
	-1984 Mar 15 j 19:43	0°♓	
max. Earth dist.	-1984 Mar 21 j 10:45	11°♓43'08	1.32906 AU
superior conj	-1984 Mar 23 j 09:19	15°♓53'31	0°-26'-15
minimum elong	-1984 Mar 23 j 10:32	16°♓00'06	0°26'01
asc. node	-1984 Mar 25 j 21:45	21°♓20'58	
	-1984 Mar 29 j 22:15	0°♈	
evening rise	-1984 Mar 30 j 11:06	1°♈07'54	
	-1984 Apr 15 j 13:45	0°♉	
evening max el	-1984 Apr 23 j 11:49	9°♉24'02	23°49'52
desc. node	-1984 May 05 j 22:36	16°♉13'22	
retrograde	-1984 May 07 j 05:36	16°♉17'10	
evening set	-1984 May 11 j 08:01	15°♉39'56	
min. Earth dist.	-1984 May 17 j 22:52	12°♉31'50	0.56237 AU
inferior conj	-1984 May 20 j 06:17	11°♉07'24	-3°-33'-49
minimum elong	-1984 May 19 j 23:56	11°♉17'07	3°32'22
morning rise	-1984 May 28 j 19:38	7°♉08'04	
direct	-1984 May 31 j 09:24	6°♉51'07	
morning max el	-1984 Jun 10 j 09:54	11°♉29'21	19°55'46
asc. node	-1984 Jun 21 j 21:07	27°♉32'18	
	-1984 Jun 23 j 05:18	0°♊	
morning set	-1984 Jun 28 j 07:40	9°♊58'25	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-1984 Jul 06 j 05:40	26°♊01'03	1°45'08
minimum elong	-1984 Jul 06 j 04:16	25°♊54'03	1°45'07
	-1984 Jul 08 j 05:58	0°♋	
max. Earth dist.	-1984 Jul 11 j 17:14	6°♋41'30	1.36948 AU
evening rise	-1984 Jul 15 j 15:50	13°♋59'40	
	-1984 Jul 24 j 23:43	0°♌	
desc. node	-1984 Aug 01 j 21:56	12°♌16'16	
	-1984 Aug 15 j 04:35	0°♍	
evening max el	-1984 Aug 20 j 11:32	5°♍43'26	25°39'54
retrograde	-1984 Sep 01 j 16:56	12°♍45'02	
evening set	-1984 Sep 07 j 18:12	10°♍11'40	
min. Earth dist.	-1984 Sep 12 j 02:50	5°♍22'49	0.66784 AU
inferior conj	-1984 Sep 13 j 06:50	3°♍53'05	-1°-32'-3
minimum elong	-1984 Sep 13 j 09:04	3°♍45'55	1°31'08
	-1984 Sep 16 j 13:04	30°℞♌	
asc. node	-1984 Sep 17 j 20:15	28°♌46'47	
morning rise	-1984 Sep 19 j 00:37	27°♌54'42	
direct	-1984 Sep 22 j 06:53	26°♌53'13	
	-1984 Sep 28 j 10:56	0°♍	
morning max el	-1984 Sep 29 j 10:23	0°♍56'51	19°19'48
greatest brilliancy	-1984 Oct 09 j 11:35	14°♍07'56	-0.7m
	-1984 Oct 19 j 20:04	0°♎	
morning set	-1984 Oct 22 j 22:09	4°♎48'35	
desc. node	-1984 Oct 28 j 21:20	14°♎07'51	
max. Earth dist.	-1984 Nov 05 j 19:04	26°♎33'15	1.44575 AU
	-1984 Nov 07 j 23:17	0°♏	
superior conj	-1984 Nov 08 j 16:49	1°♏09'42	-1°-6'-7
minimum elong	-1984 Nov 08 j 09:27	0°♏40'26	1°05'18
evening rise	-1984 Nov 23 j 08:12	24°♏56'06	
	-1984 Nov 26 j 09:29	0°♐	
evening max el	-1984 Dec 12 j 18:59	24°♐26'46	18°29'34
asc. node	-1984 Dec 14 j 19:24	26°♐15'35	
retrograde	-1984 Dec 19 j 09:20	28°♐05'28	
evening set	-1984 Dec 22 j 07:59	27°♐17'36	
inferior conj	-1984 Dec 28 j 07:48	21°♐43'06	3°35'01
minimum elong	-1984 Dec 28 j 05:16	21°♐50'30	3°34'33
min. Earth dist.	-1984 Dec 30 j 09:27	19°♐18'44	0.64383 AU
morning rise	-1983 Jan 03 j 01:12	15°♐37'53	
direct	-1983 Jan 09 j 21:58	12°♐47'08	
morning max el	-1983 Jan 23 j 09:33	20°♐32'30	27°21'34
desc. node	-1983 Jan 24 j 20:33	22°♐02'24	
	-1983 Jan 31 j 14:29	0°♑	
	-1983 Feb 20 j 02:21	0°♒	
morning set	-1983 Feb 27 j 13:44	13°♒57'00	
max. Earth dist.	-1983 Mar 04 j 11:20	23°♒49'21	1.33709 AU
	-1983 Mar 07 j 10:11	0°♓	
superior conj	-1983 Mar 07 j 14:49	0°♓24'33	0°-51'-57
minimum elong	-1983 Mar 07 j 17:11	0°♓37'04	0°51'33
asc. node	-1983 Mar 12 j 18:46	11°♓24'41	
evening rise	-1983 Mar 14 j 22:09	15°♓55'57	
	-1983 Mar 22 j 00:42	0°♈	
evening max el	-1983 Apr 05 j 05:10	20°♈04'19	22°15'26
retrograde	-1983 Apr 18 j 01:20	26°♈21'01	
evening set	-1983 Apr 20 j 22:28	26°♈02'42	
desc. node	-1983 Apr 22 j 19:38	25°♈32'13	
min. Earth dist.	-1983 Apr 29 j 12:27	22°♈20'30	0.55239 AU
inferior conj	-1983 Apr 30 j 07:03	21°♈54'11	-2°-3'-4
minimum elong	-1983 Apr 30 j 01:40	22°♈01'48	2°01'21
morning rise	-1983 May 09 j 06:39	17°♈58'17	
direct	-1983 May 12 j 01:07	17°♈40'54	
morning max el	-1983 May 23 j 17:59	23°♈09'54	21°15'30
	-1983 May 29 j 16:39	0°♉	
asc. node	-1983 Jun 08 j 18:09	16°♉53'40	
morning set	-1983 Jun 12 j 15:27	24°♉42'36	
	-1983 Jun 15 j 04:30	0°♊	
superior conj	-1983 Jun 20 j 03:02	10°♊18'47	1°35'06
minimum elong	-1983 Jun 20 j 00:41	10°♊06'42	1°34'56
max. Earth dist.	-1983 Jun 24 j 03:48	18°♊31'08	1.35313 AU
evening rise	-1983 Jun 28 j 14:04	27°♊08'32	
	-1983 Jun 30 j 02:35	0°♋	
	-1983 Jul 18 j 07:25	0°♌	
desc. node	-1983 Jul 19 j 18:56	2°♌06'30	
evening max el	-1983 Aug 02 j 23:01	19°♌16'02	26°39'06
retrograde	-1983 Aug 15 j 21:50	26°♌32'08	
evening set	-1983 Aug 22 j 12:34	23°♌48'16	
min. Earth dist.	-1983 Aug 26 j 13:25	19°♌37'25	0.65893 AU
inferior conj	-1983 Aug 28 j 05:35	17°♌36'55	-2°-24'-58
minimum elong	-1983 Aug 28 j 09:00	17°♌26'39	2°23'44
morning rise	-1983 Sep 03 j 06:33	11°♌50'25	
asc. node	-1983 Sep 04 j 17:19	11°♌14'46	
direct	-1983 Sep 06 j 04:30	11°♌02'39	
morning max el	-1983 Sep 12 j 21:09	14°♌44'58	18°34'18
	-1983 Sep 23 j 22:50	0°♍	
morning set	-1983 Oct 03 j 00:50	14°♍33'05	
	-1983 Oct 12 j 16:51	0°♎	
desc. node	-1983 Oct 15 j 18:21	4°♎50'41	
superior conj	-1983 Oct 18 j 17:11	9°♎29'53	0°-18'-58
minimum elong	-1983 Oct 18 j 14:41	9°♎19'58	0°18'39
max. Earth dist.	-1983 Oct 19 j 12:54	10°♎47'26	1.44935 AU
	-1983 Oct 31 j 17:37	0°♏	
evening rise	-1983 Nov 03 j 22:06	5°♏02'51	
	-1983 Nov 19 j 23:30	0°♐	
evening max el	-1983 Nov 26 j 05:08	7°♐52'45	19°06'14
asc. node	-1983 Dec 01 j 16:28	11°♐39'01	
retrograde	-1983 Dec 03 j 04:16	11°♐51'28	
evening set	-1983 Dec 06 j 09:08	10°♐52'02	
inferior conj	-1983 Dec 12 j 02:36	5°♐01'17	3°03'55
minimum elong	-1983 Dec 11 j 23:38	5°♐10'39	3°03'07
min. Earth dist.	-1983 Dec 13 j 13:35	3°♐11'14	0.65710 AU
	-1983 Dec 16 j 07:58	30°℞♏	
morning rise	-1983 Dec 17 j 13:13	28°♏50'09	
direct	-1983 Dec 23 j 23:43	26°♏02'25	
	-1982 Jan 01 j 20:51	0°♐	
morning max el	-1982 Jan 05 j 19:05	3°♐33'10	26°28'42
desc. node	-1982 Jan 11 j 17:38	10°♐11'09	
	-1982 Jan 25 j 22:40	0°♑	
morning set	-1982 Feb 10 j 19:37	27°♑12'16	
	-1982 Feb 12 j 06:55	0°♒	
max. Earth dist.	-1982 Feb 15 j 00:40	5°♒19'45	1.34961 AU
superior conj	-1982 Feb 19 j 14:15	14°♒32'26	-1°-16'-10
minimum elong	-1982 Feb 19 j 17:29	14°♒49'04	1°15'43
evening rise	-1982 Feb 27 j 06:43	0°♓30'44	
	-1982 Feb 27 j 00:45	0°♓	
asc. node	-1982 Feb 27 j 15:47	1°♓17'25	
	-1982 Mar 17 j 03:45	0°♈	
evening max el	-1982 Mar 18 j 06:49	1°♈07'51	20°49'28
retrograde	-1982 Mar 29 j 14:21	6°♈33'15	
evening set	-1982 Mar 31 j 21:19	6°♈20'49	
desc. node	-1982 Apr 09 j 16:42	2°♈36'23	
inferior conj	-1982 Apr 10 j 01:47	2°♈23'25	0°-6'-23
minimum elong	-1982 Apr 10 j 01:29	2°♈23'51	0°06'17
transit middle	-1982 Apr 10 j 01:29	2°♈23'51	0°06'17
transit begin	-1982 Apr 09 j 21:44	2°♈29'12	
transit end	-1982 Apr 10 j 05:13	2°♈18'29	
min. Earth dist.	-1982 Apr 11 j 02:15	1°♈48'27	0.55155 AU
	-1982 Apr 14 j 10:42	30°℞♓	
morning rise	-1982 Apr 19 j 04:22	28°♓13'09	
direct	-1982 Apr 22 j 12:43	27°♓48'49	
	-1982 Apr 30 j 03:54	0°♈	
morning max el	-1982 May 05 j 15:48	4°♈10'00	22°50'08

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1982 May 23 j 07:39	0°♉	
asc. node	-1982 May 26 j 15:10	6°♉36'19	
morning set	-1982 May 28 j 02:15	9°♉37'55	
superior conj	-1982 Jun 04 j 07:16	24°♉58'14	1°19'51
minimum elong	-1982 Jun 04 j 04:41	24°♉44'28	1°19'32
	-1982 Jun 06 j 16:28	0°♊	
max. Earth dist.	-1982 Jun 07 j 00:21	0°♊41'10	1.34048 AU
evening rise	-1982 Jun 12 j 02:15	11°♊00'10	
	-1982 Jun 22 j 11:06	0°♋	
desc. node	-1982 Jul 06 j 15:58	21°♋24'06	
	-1982 Jul 13 j 20:26	0°♌	
evening max el	-1982 Jul 16 j 10:40	2°♌37'59	27°16'08
retrograde	-1982 Jul 29 j 21:08	9°♌58'55	
evening set	-1982 Aug 05 j 21:52	7°♌13'43	
min. Earth dist.	-1982 Aug 09 j 15:59	3°♌40'04	0.64639 AU
inferior conj	-1982 Aug 11 j 21:28	1°♌13'10	-3°-13'-55
minimum elong	-1982 Aug 12 j 01:39	1°♌01'40	3°12'41
	-1982 Aug 13 j 00:24	30°℞♋	
morning rise	-1982 Aug 18 j 07:02	25°♋42'01	
direct	-1982 Aug 20 j 23:11	25°♋04'30	
asc. node	-1982 Aug 22 j 14:24	25°♋18'34	
morning max el	-1982 Aug 27 j 11:30	28°♋33'46	18°05'38
	-1982 Aug 28 j 19:27	0°♌	
morning set	-1982 Sep 14 j 07:30	25°♌38'55	
	-1982 Sep 16 j 21:44	0°♍	
superior conj	-1982 Sep 28 j 00:39	18°♍14'51	0°29'38
minimum elong	-1982 Sep 28 j 04:04	18°♍28'37	0°29'11
max. Earth dist.	-1982 Oct 02 j 07:13	25°♍04'03	1.44559 AU
desc. node	-1982 Oct 02 j 15:23	25°♍36'20	
	-1982 Oct 05 j 10:14	0°♎	
evening rise	-1982 Oct 14 j 13:52	14°♎15'23	
	-1982 Oct 24 j 20:19	0°♏	
greatest brilliancy	-1982 Nov 02 j 05:26	12°♏18'44	-0.6m
evening max el	-1982 Nov 09 j 10:58	21°♏20'11	19°58'46
retrograde	-1982 Nov 17 j 01:27	25°♏47'04	
asc. node	-1982 Nov 18 j 13:32	25°♏34'03	
evening set	-1982 Nov 20 j 14:30	24°♏33'48	
inferior conj	-1982 Nov 26 j 03:32	18°♏29'46	2°24'02
minimum elong	-1982 Nov 26 j 00:46	18°♏38'58	2°23'04
min. Earth dist.	-1982 Nov 27 j 01:16	17°♏17'35	0.66658 AU
morning rise	-1982 Dec 01 j 10:25	12°♏14'58	
direct	-1982 Dec 07 j 06:56	9°♏41'03	
morning max el	-1982 Dec 19 j 03:50	16°♏43'57	25°14'52
desc. node	-1982 Dec 29 j 14:41	29°♏10'24	
	-1982 Dec 30 j 05:30	0°♐	
	-1981 Jan 18 j 21:33	0°♑	
morning set	-1981 Jan 24 j 08:40	9°♑32'34	
max. Earth dist.	-1981 Jan 28 j 02:54	16°♑26'21	1.36649 AU
superior conj	-1981 Feb 03 j 04:45	28°♑08'51	-1°-37'-7
minimum elong	-1981 Feb 03 j 08:13	28°♑26'03	1°36'47
	-1981 Feb 04 j 03:08	0°♒	
evening rise	-1981 Feb 11 j 10:42	14°♒45'58	
asc. node	-1981 Feb 14 j 12:50	20°♒54'12	
	-1981 Feb 19 j 10:50	0°♓	
evening max el	-1981 Feb 28 j 19:17	12°♓47'19	19°39'36
retrograde	-1981 Mar 10 j 09:49	17°♓22'25	
evening set	-1981 Mar 12 j 15:15	17°♓08'45	
inferior conj	-1981 Mar 21 j 04:51	13°♓05'00	1°43'32
minimum elong	-1981 Mar 21 j 08:50	12°♓58'42	1°42'16
min. Earth dist.	-1981 Mar 23 j 16:35	11°♓30'58	0.55996 AU
desc. node	-1981 Mar 27 j 13:46	9°♓22'40	
morning rise	-1981 Mar 29 j 23:01	8°♓26'13	
direct	-1981 Apr 03 j 07:45	7°♓43'39	
morning max el	-1981 Apr 17 j 07:28	14°♓45'39	24°30'08

	-1981 Apr 29 j 07:35	0°♈	
morning set	-1981 May 12 j 14:22	24°♈39'01	
asc. node	-1981 May 13 j 12:13	26°♈34'22	
	-1981 May 15 j 02:42	0°♉	
superior conj	-1981 May 19 j 16:00	9°♉51'56	1°00'40
minimum elong	-1981 May 19 j 13:41	9°♉39'27	1°00'18
max. Earth dist.	-1981 May 21 j 05:53	13°♉16'26	1.33161 AU
evening rise	-1981 May 27 j 00:24	25°♉22'36	
	-1981 May 29 j 07:56	0°♊	
	-1981 Jun 15 j 23:11	0°♋	
desc. node	-1981 Jun 23 j 12:59	9°♋55'25	
evening max el	-1981 Jun 28 j 20:28	15°♋36'34	27°24'29
retrograde	-1981 Jul 12 j 14:14	22°♋57'17	
evening set	-1981 Jul 19 j 18:43	20°♋22'55	
min. Earth dist.	-1981 Jul 23 j 08:48	17°♋21'01	0.63025 AU
inferior conj	-1981 Jul 26 j 03:45	14°♋36'11	-3°-55'-24
minimum elong	-1981 Jul 26 j 07:50	14°♋26'05	3°54'33
morning rise	-1981 Aug 01 j 23:09	9°♋23'46	
direct	-1981 Aug 04 j 11:50	8°♋53'41	
asc. node	-1981 Aug 09 j 11:28	10°♋51'37	
morning max el	-1981 Aug 11 j 02:46	12°♋18'15	17°54'46
	-1981 Aug 23 j 02:24	0°♌	
morning set	-1981 Aug 27 j 13:56	7°♌52'44	
superior conj	-1981 Sep 08 j 08:10	28°♌12'12	1°08'37
minimum elong	-1981 Sep 08 j 13:35	28°♌34'52	1°08'02
	-1981 Sep 09 j 09:59	0°♍	
max. Earth dist.	-1981 Sep 14 j 22:43	9°♍04'01	1.43502 AU
desc. node	-1981 Sep 19 j 12:24	16°♍21'48	
evening rise	-1981 Sep 23 j 19:22	23°♍04'30	
	-1981 Sep 28 j 07:31	0°♎	
greatest brilliancy	-1981 Oct 18 j 00:59	28°♎26'15	-0.5m
	-1981 Oct 19 j 06:38	0°♏	
evening max el	-1981 Oct 23 j 11:04	4°♏47'15	21°04'42
retrograde	-1981 Oct 31 j 22:41	9°♏49'10	
evening set	-1981 Nov 04 j 22:03	8°♏19'45	
asc. node	-1981 Nov 05 j 10:37	7°♏54'28	
inferior conj	-1981 Nov 10 j 08:17	2°♏05'50	1°37'50
minimum elong	-1981 Nov 10 j 06:12	2°♏12'59	1°36'59
min. Earth dist.	-1981 Nov 10 j 18:17	1°♏31'31	0.67250 AU
	-1981 Nov 11 j 21:21	30°℞♎	
morning rise	-1981 Nov 15 j 13:59	25°♎49'37	
direct	-1981 Nov 20 j 19:04	23°♎35'40	
morning max el	-1981 Dec 01 j 12:37	29°♎59'29	23°49'48
	-1981 Dec 01 j 12:49	0°♏	
desc. node	-1981 Dec 16 j 11:45	18°♏45'32	
	-1981 Dec 24 j 02:59	0°♐	
morning set	-1980 Jan 05 j 22:45	20°♐41'16	
max. Earth dist.	-1980 Jan 09 j 22:51	27°♐39'02	1.38657 AU
	-1980 Jan 11 j 06:30	0°♑	
superior conj	-1980 Jan 17 j 06:29	11°♑03'00	-1°-52'-22
minimum elong	-1980 Jan 17 j 09:04	11°♑15'13	1°52'16
evening rise	-1980 Jan 26 j 07:37	28°♑34'18	
	-1980 Jan 27 j 01:12	0°♒	
asc. node	-1980 Feb 01 j 09:53	10°♒08'28	
evening max el	-1980 Feb 11 j 17:43	25°♒01'52	18°48'59
retrograde	-1980 Feb 19 j 21:48	28°♒58'47	
evening set	-1980 Feb 22 j 06:23	28°♒40'20	
inferior conj	-1980 Mar 01 j 02:10	24°♒19'39	3°02'10
minimum elong	-1980 Mar 01 j 06:37	24°♒11'29	3°01'09
min. Earth dist.	-1980 Mar 04 j 08:52	21°♒56'23	0.57568 AU
morning rise	-1980 Mar 09 j 02:53	19°♒09'42	
desc. node	-1980 Mar 13 j 10:50	17°♒58'48	
direct	-1980 Mar 14 j 15:45	17°♒55'14	
morning max el	-1980 Mar 28 j 23:04	25°♒22'54	26°01'13

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1980 Apr 02 j 06:16	0°♓	
	-1980 Apr 21 j 07:49	0°♈	
morning set	-1980 Apr 26 j 02:02	9°♈38'37	
asc. node	-1980 Apr 29 j 09:16	16°♈41'35	
superior conj	-1980 May 03 j 03:06	24°♈51'48	0°38'32
minimum elong	-1980 May 03 j 01:29	24°♈42'57	0°38'13
max. Earth dist.	-1980 May 03 j 16:59	26°♈07'45	1.32631 AU
	-1980 May 05 j 11:37	0°♉	
evening rise	-1980 May 10 j 05:14	10°♉04'21	
	-1980 May 20 j 15:27	0°♊	
desc. node	-1980 Jun 09 j 10:00	27°♊20'14	
evening max el	-1980 Jun 10 j 01:42	27°♊58'16	27°00'24
	-1980 Jun 12 j 08:03	0°♋	
retrograde	-1980 Jun 24 j 00:32	5°♋17'23	
evening set	-1980 Jun 30 j 22:55	3°♋07'58	
min. Earth dist.	-1980 Jul 04 j 15:25	0°♋25'42	0.61104 AU
	-1980 Jul 05 j 03:38	30°℞♊	
inferior conj	-1980 Jul 07 j 21:04	27°♊37'23	-4°-24'-6
minimum elong	-1980 Jul 07 j 23:38	27°♊31'46	4°23'49
morning rise	-1980 Jul 15 j 03:20	22°♊46'34	
direct	-1980 Jul 17 j 14:38	22°♊21'50	
morning max el	-1980 Jul 24 j 16:07	25°♊51'09	18°02'39
asc. node	-1980 Jul 26 j 08:32	27°♊38'53	
	-1980 Jul 28 j 05:23	0°♋	
morning set	-1980 Aug 09 j 14:19	20°♋58'15	
	-1980 Aug 14 j 11:58	0°♌	
superior conj	-1980 Aug 19 j 19:08	9°♌31'11	1°33'51
minimum elong	-1980 Aug 19 j 23:09	9°♌48'54	1°33'33
max. Earth dist.	-1980 Aug 27 j 08:31	22°♌28'40	1.41905 AU
	-1980 Aug 31 j 22:42	0°♍	
evening rise	-1980 Sep 02 j 09:23	2°♍19'04	
desc. node	-1980 Sep 05 j 09:25	7°♍03'44	
	-1980 Sep 20 j 18:37	0°♎	
greatest brilliancy	-1980 Sep 30 j 11:26	12°♎54'10	-0.3m
evening max el	-1980 Oct 05 j 05:09	18°♎14'13	22°20'28
retrograde	-1980 Oct 14 j 18:15	23°♎54'54	
evening set	-1980 Oct 19 j 05:55	22°♎07'32	
asc. node	-1980 Oct 22 j 07:40	18°♎52'51	
inferior conj	-1980 Oct 24 j 14:54	15°♎47'25	0°47'14
minimum elong	-1980 Oct 24 j 13:49	15°♎51'09	0°46'46
min. Earth dist.	-1980 Oct 24 j 14:18	15°♎49'29	0.67514 AU
morning rise	-1980 Oct 29 j 21:35	9°♎32'18	
direct	-1980 Nov 03 j 11:30	7°♎40'30	
morning max el	-1980 Nov 13 j 00:02	13°♎19'37	22°23'03
greatest brilliancy	-1980 Nov 17 j 16:04	18°♎34'43	-0.3m
	-1980 Nov 26 j 06:58	0°♏	
desc. node	-1980 Dec 02 j 08:48	8°♏46'17	
morning set	-1980 Dec 16 j 08:30	0°♐26'37	
	-1980 Dec 16 j 01:56	0°♐	
max. Earth dist.	-1980 Dec 21 j 19:55	9°♐30'25	1.40746 AU
superior conj	-1980 Dec 29 j 14:39	23°♐02'51	-1°-58'-34
minimum elong	-1980 Dec 29 j 14:41	23°♐02'59	1°58'38
	-1979 Jan 02 j 10:29	0°♑	
evening rise	-1979 Jan 08 j 18:24	11°♑48'32	
asc. node	-1979 Jan 18 j 06:56	28°♑52'53	
	-1979 Jan 18 j 23:52	0°♒	
evening max el	-1979 Jan 24 j 23:50	7°♒45'37	18°18'29
retrograde	-1979 Feb 01 j 04:14	11°♒19'54	
evening set	-1979 Feb 03 j 16:36	10°♒54'40	
inferior conj	-1979 Feb 10 j 20:17	6°♒13'00	3°44'27
minimum elong	-1979 Feb 10 j 22:38	6°♒07'58	3°44'09
min. Earth dist.	-1979 Feb 14 j 05:35	3°♒20'37	0.59552 AU
morning rise	-1979 Feb 18 j 01:17	0°♒39'13	
	-1979 Feb 19 j 07:19	30°℞♑	
direct	-1979 Feb 24 j 12:43	28°♑45'57	
desc. node	-1979 Feb 28 j 07:54	29°♑23'10	
	-1979 Mar 01 j 22:29	0°♒	
morning max el	-1979 Mar 10 j 19:21	6°♒27'15	27°08'24
	-1979 Mar 28 j 09:49	0°♓	
morning set	-1979 Apr 10 j 11:32	24°♓30'25	
	-1979 Apr 13 j 01:57	0°♈	
asc. node	-1979 Apr 16 j 06:18	6°♈53'28	
superior conj	-1979 Apr 17 j 14:51	9°♈51'42	0°14'17
minimum elong	-1979 Apr 17 j 14:13	9°♈48'12	0°14'09
behind sun begin	-1979 Apr 17 j 11:59	9°♈35'57	
behind sun end	-1979 Apr 17 j 16:27	10°♈00'27	
max. Earth dist.	-1979 Apr 17 j 06:04	9°♈03'31	1.32452 AU
evening rise	-1979 Apr 24 j 14:19	24°♈57'11	
	-1979 Apr 27 j 00:57	0°♉	
	-1979 May 14 j 17:10	0°♊	
evening max el	-1979 May 23 j 00:40	9°♊36'47	26°04'26
desc. node	-1979 May 27 j 07:01	13°♊11'12	
retrograde	-1979 Jun 06 j 02:32	16°♊52'08	
evening set	-1979 Jun 12 j 06:16	15°♊19'17	
min. Earth dist.	-1979 Jun 16 j 13:26	12°♊39'16	0.59048 AU
inferior conj	-1979 Jun 19 j 21:50	10°♊07'52	-4°-31'-40
minimum elong	-1979 Jun 19 j 21:09	10°♊09'10	4°31'37
morning rise	-1979 Jun 27 j 15:45	5°♊39'29	
direct	-1979 Jun 30 j 03:12	5°♊18'39	
morning max el	-1979 Jul 08 j 00:34	9°♊04'09	18°30'17
asc. node	-1979 Jul 13 j 05:35	15°♊25'10	
	-1979 Jul 21 j 16:33	0°♋	
morning set	-1979 Jul 24 j 03:46	4°♋42'53	
superior conj	-1979 Aug 02 j 05:13	21°♋59'31	1°46'08
minimum elong	-1979 Aug 02 j 06:49	22°♋06'54	1°46'06
	-1979 Aug 06 j 14:36	0°♌	
max. Earth dist.	-1979 Aug 09 j 12:43	5°♌09'15	1.39993 AU
evening rise	-1979 Aug 13 j 21:57	12°♌37'57	
desc. node	-1979 Aug 23 j 06:23	27°♌38'09	
	-1979 Aug 24 j 19:27	0°♍	
	-1979 Sep 16 j 02:59	0°♎	
evening max el	-1979 Sep 17 j 18:40	1°♎42'59	23°40'53
retrograde	-1979 Sep 28 j 10:41	8°♎00'45	
evening set	-1979 Oct 03 j 12:22	5°♎54'34	
inferior conj	-1979 Oct 08 j 21:35	29°♍32'09	0°-6'-9
minimum elong	-1979 Oct 08 j 21:43	29°♍31'39	0°06'06
transit middle	-1979 Oct 08 j 21:43	29°♍31'39	0°06'06
transit begin	-1979 Oct 08 j 19:12	29°♍40'15	
transit end	-1979 Oct 09 j 00:14	29°♍23'04	
min. Earth dist.	-1979 Oct 08 j 10:46	0°♎09'05	0.67477 AU
	-1979 Oct 08 j 13:26	30°℞♍	
asc. node	-1979 Oct 09 j 04:44	29°♍07'43	
morning rise	-1979 Oct 14 j 07:11	23°♍21'00	
direct	-1979 Oct 18 j 07:18	21°♍50'41	
morning max el	-1979 Oct 26 j 17:09	26°♍46'34	21°02'20
	-1979 Oct 29 j 15:13	0°♎	
greatest brilliancy	-1979 Nov 01 j 07:30	3°♎18'43	-0.5m
desc. node	-1979 Nov 19 j 05:48	29°♎04'43	
	-1979 Nov 19 j 20:19	0°♏	
morning set	-1979 Nov 25 j 15:28	8°♏57'32	
max. Earth dist.	-1979 Dec 03 j 23:25	22°♏15'11	1.42630 AU
	-1979 Dec 08 j 15:59	0°♐	
superior conj	-1979 Dec 10 j 23:33	3°♐54'17	-1°-51'-38
minimum elong	-1979 Dec 10 j 19:27	3°♐36'52	1°51'29
evening rise	-1979 Dec 22 j 15:09	24°♐19'36	
	-1979 Dec 25 j 19:11	0°♑	
asc. node	-1978 Jan 05 j 03:58	16°♑57'34	
evening max el	-1978 Jan 08 j 10:37	20°♑49'39	18°07'51

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

retrograde	-1978 Jan 15 j 02:12	24°♉15'55	
evening set	-1978 Jan 17 j 18:13	23°♉42'40	
inferior conj	-1978 Jan 24 j 08:49	18°♉39'18	3°56'50
minimum elong	-1978 Jan 24 j 08:41	18°♉39'37	3°56'49
min. Earth dist.	-1978 Jan 27 j 09:18	15°♉42'35	0.61603 AU
morning rise	-1978 Jan 30 j 20:43	12°♉49'46	
direct	-1978 Feb 06 j 19:56	10°♉23'15	
desc. node	-1978 Feb 15 j 04:58	13°♉24'23	
morning max el	-1978 Feb 20 j 21:40	18°♉10'29	27°41'57
	-1978 Mar 02 j 20:36	0°♒	
	-1978 Mar 21 j 02:27	0°♓	
morning set	-1978 Mar 25 j 16:55	9°♓07'22	
max. Earth dist.	-1978 Mar 31 j 17:23	21°♓50'37	1.32632 AU
superior conj	-1978 Apr 02 j 01:36	24°♓45'36	0°-11'-16
minimum elong	-1978 Apr 02 j 02:07	24°♓48'25	0°11'11
behind sun begin	-1978 Apr 01 j 22:30	24°♓28'39	
behind sun end	-1978 Apr 02 j 05:45	25°♓08'12	
asc. node	-1978 Apr 03 j 03:19	27°♓05'46	
	-1978 Apr 04 j 11:16	0°♈	
evening rise	-1978 Apr 09 j 01:37	9°♈53'50	
	-1978 Apr 19 j 11:41	0°♉	
evening max el	-1978 May 04 j 17:56	20°♉36'43	24°43'17
desc. node	-1978 May 14 j 04:02	26°♉53'20	
retrograde	-1978 May 18 j 17:31	27°♉41'14	
evening set	-1978 May 23 j 15:18	26°♉46'38	
min. Earth dist.	-1978 May 29 j 05:49	23°♉52'26	0.57138 AU
inferior conj	-1978 Jun 01 j 03:05	21°♉59'11	-4°-6'-54
minimum elong	-1978 May 31 j 22:19	22°♉07'03	4°06'10
morning rise	-1978 Jun 09 j 09:17	17°♉50'54	
direct	-1978 Jun 11 j 21:59	17°♉32'49	
morning max el	-1978 Jun 21 j 01:09	21°♉47'55	19°18'34
	-1978 Jun 27 j 15:47	0°♊	
asc. node	-1978 Jun 30 j 02:38	3°♊57'15	
morning set	-1978 Jul 08 j 02:36	18°♊57'34	
	-1978 Jul 13 j 15:22	0°♋	
superior conj	-1978 Jul 16 j 08:48	5°♋21'49	1°47'54
minimum elong	-1978 Jul 16 j 08:16	5°♋19'17	1°47'56
max. Earth dist.	-1978 Jul 22 j 15:14	17°♋14'03	1.38023 AU
evening rise	-1978 Jul 26 j 12:10	24°♋11'38	
	-1978 Jul 29 j 20:48	0°♌	
desc. node	-1978 Aug 10 j 03:23	18°♌00'56	
	-1978 Aug 18 j 12:17	0°♍	
evening max el	-1978 Aug 31 j 06:09	15°♍16'06	24°59'01
retrograde	-1978 Sep 11 j 23:00	22°♍03'53	
evening set	-1978 Sep 17 j 15:43	19°♍39'43	
min. Earth dist.	-1978 Sep 22 j 05:16	14°♍29'26	0.67135 AU
inferior conj	-1978 Sep 23 j 02:39	13°♍18'51	-1°00'-43
minimum elong	-1978 Sep 23 j 04:08	13°♍13'59	1°00'06
asc. node	-1978 Sep 26 j 01:48	9°♍37'49	
morning rise	-1978 Sep 28 j 16:59	7°♍14'49	
direct	-1978 Oct 02 j 05:12	6°♍03'36	
morning max el	-1978 Oct 09 j 17:45	10°♍23'21	19°53'06
greatest brilliancy	-1978 Oct 17 j 09:55	19°♍55'56	-0.6m
	-1978 Oct 24 j 07:37	0°♎	
morning set	-1978 Nov 04 j 12:40	17°♎08'03	
desc. node	-1978 Nov 06 j 02:49	19°♎35'53	
	-1978 Nov 12 j 18:29	0°♏	
max. Earth dist.	-1978 Nov 16 j 10:42	5°♏49'26	1.44051 AU
superior conj	-1978 Nov 21 j 05:19	13°♏29'47	-1°-27'-47
minimum elong	-1978 Nov 20 j 21:49	12°♏59'25	1°27'07
	-1978 Dec 01 j 04:46	0°♐	
evening rise	-1978 Dec 04 j 17:35	5°♐59'43	
	-1978 Dec 19 j 12:43	0°♑	
evening max el	-1978 Dec 22 j 23:11	4°♑06'19	18°16'23
asc. node	-1978 Dec 23 j 01:00	4°♑10'54	
retrograde	-1978 Dec 29 j 11:31	7°♑37'13	
evening set	-1977 Jan 01 j 07:31	6°♑54'56	
inferior conj	-1977 Jan 07 j 11:57	1°♑30'58	3°47'34
minimum elong	-1977 Jan 07 j 10:02	1°♑36'15	3°47'19
	-1977 Jan 08 j 20:50	30°℞♐	
min. Earth dist.	-1977 Jan 09 j 22:15	28°♐50'57	0.63461 AU
morning rise	-1977 Jan 13 j 10:56	25°♐30'44	
direct	-1977 Jan 20 j 11:04	22°♐44'38	
desc. node	-1977 Feb 02 j 02:02	29°♐27'17	
	-1977 Feb 02 j 15:46	0°♑	
morning max el	-1977 Feb 03 j 04:50	0°♑32'01	27°38'56
	-1977 Feb 24 j 21:13	0°♒	
morning set	-1977 Mar 09 j 15:48	23°♒21'07	
	-1977 Mar 12 j 22:14	0°♓	
max. Earth dist.	-1977 Mar 14 j 23:09	4°♓15'54	1.33198 AU
superior conj	-1977 Mar 17 j 09:36	9°♓27'03	0°-37'-14
minimum elong	-1977 Mar 17 j 11:19	9°♓36'17	0°36'55
asc. node	-1977 Mar 21 j 00:21	17°♓14'06	
evening rise	-1977 Mar 24 j 13:19	24°♓47'22	
	-1977 Mar 27 j 01:42	0°♈	
	-1977 Apr 15 j 02:58	0°♉	
evening max el	-1977 Apr 16 j 09:22	1°♉16'04	23°09'23
retrograde	-1977 Apr 29 j 19:35	7°♉55'24	
desc. node	-1977 May 01 j 01:06	7°♉52'01	
evening set	-1977 May 03 j 08:24	7°♉28'05	
min. Earth dist.	-1977 May 10 j 19:25	4°♉07'21	0.55717 AU
inferior conj	-1977 May 12 j 12:43	3°♉07'03	-3°00'-6
minimum elong	-1977 May 12 j 06:07	3°♉16'43	2°58'19
	-1977 May 18 j 14:08	30°℞♈	
morning rise	-1977 May 21 j 06:55	29°♈11'10	
direct	-1977 May 23 j 22:17	28°♈54'20	
	-1977 May 28 j 23:29	0°♉	
morning max el	-1977 Jun 03 j 15:31	3°♉52'49	20°27'25
asc. node	-1977 Jun 16 j 23:41	23°♉03'21	
	-1977 Jun 20 j 13:35	0°♊	
morning set	-1977 Jun 22 j 07:49	3°♊33'18	
superior conj	-1977 Jun 30 j 00:49	19°♊22'53	1°41'37
minimum elong	-1977 Jun 29 j 22:56	19°♊13'18	1°41'32
max. Earth dist.	-1977 Jul 04 j 21:40	29°♊03'04	1.36218 AU
	-1977 Jul 05 j 09:26	0°♋	
evening rise	-1977 Jul 09 j 00:12	6°♋49'43	
	-1977 Jul 22 j 15:14	0°♌	
desc. node	-1977 Jul 28 j 00:24	8°♌05'24	
evening max el	-1977 Aug 13 j 17:24	28°♌50'34	26°07'15
	-1977 Aug 14 j 22:47	0°♍	
retrograde	-1977 Aug 26 j 06:35	5°♍58'46	
evening set	-1977 Sep 01 j 13:59	3°♍20'06	
	-1977 Sep 04 j 19:21	30°℞♌	
min. Earth dist.	-1977 Sep 05 j 19:17	28°♌47'26	0.66457 AU
inferior conj	-1977 Sep 07 j 04:17	27°♌04'26	-1°-54'-47
minimum elong	-1977 Sep 07 j 07:03	26°♌55'47	1°53'43
asc. node	-1977 Sep 12 j 22:52	21°♌13'55	
morning rise	-1977 Sep 13 j 00:57	21°♌10'47	
direct	-1977 Sep 16 j 03:29	20°♌15'27	
morning max el	-1977 Sep 23 j 01:23	24°♌08'28	18°58'27
	-1977 Sep 27 j 21:49	0°♍	
morning set	-1977 Oct 15 j 00:17	26°♍07'13	
	-1977 Oct 17 j 11:22	0°♎	
desc. node	-1977 Oct 23 j 23:51	10°♎15'28	
max. Earth dist.	-1977 Oct 30 j 03:32	19°♎56'14	1.44821 AU
superior conj	-1977 Oct 31 j 11:47	22°♎03'26	0°-47'-7
minimum elong	-1977 Oct 31 j 05:54	21°♎40'10	0°46'25
	-1977 Nov 05 j 12:10	0°♏	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening rise	-1977 Nov 15 j 21:32	16°♏41'45	
	-1977 Nov 24 j 02:22	0°♐	
evening max el	-1977 Dec 06 j 10:51	17°♐29'54	18°43'08
asc. node	-1977 Dec 09 j 22:02	20°♐18'56	
retrograde	-1977 Dec 13 j 04:00	21°♐16'03	
evening set	-1977 Dec 16 j 05:09	20°♐23'21	
inferior conj	-1977 Dec 22 j 01:59	14°♐41'20	3°23'08
minimum elong	-1977 Dec 21 j 23:10	14°♐49'50	3°22'30
min. Earth dist.	-1977 Dec 23 j 21:08	12°♐31'08	0.64988 AU
morning rise	-1977 Dec 27 j 16:04	8°♐33'22	
direct	-1976 Jan 03 j 08:58	5°♐42'43	
morning max el	-1976 Jan 16 j 14:28	13°♐22'55	27°02'26
desc. node	-1976 Jan 19 j 23:06	16°♐58'04	
	-1976 Jan 30 j 02:06	0°♑	
	-1976 Feb 17 j 11:34	0°♒	
morning set	-1976 Feb 21 j 05:06	7°♒01'50	
max. Earth dist.	-1976 Feb 25 j 19:37	16°♒09'07	1.34185 AU
superior conj	-1976 Feb 29 j 12:52	23°♒49'39	-1°-2'-29
minimum elong	-1976 Feb 29 j 15:39	24°♒04'14	1°02'02
	-1976 Mar 03 j 11:09	0°♓	
asc. node	-1976 Mar 06 j 21:23	7°♓14'22	
evening rise	-1976 Mar 07 j 23:36	9°♓31'24	
	-1976 Mar 18 j 20:55	0°♈	
evening max el	-1976 Mar 28 j 05:36	12°♈03'51	21°37'14
retrograde	-1976 Apr 09 j 11:26	18°♈00'10	
evening set	-1976 Apr 12 j 00:45	17°♈45'25	
desc. node	-1976 Apr 16 j 22:09	16°♈05'23	
inferior conj	-1976 Apr 21 j 09:16	13°♈43'23	-1°-15'-3
minimum elong	-1976 Apr 21 j 05:47	13°♈48'18	1°13'50
min. Earth dist.	-1976 Apr 21 j 08:45	13°♈44'07	0.55088 AU
morning rise	-1976 Apr 30 j 11:28	9°♈44'06	
direct	-1976 May 03 j 10:23	9°♈24'55	
morning max el	-1976 May 15 j 19:04	15°♈15'59	21°54'21
	-1976 May 27 j 00:51	0°♉	
asc. node	-1976 Jun 02 j 20:45	12°♉35'05	
morning set	-1976 Jun 05 j 17:10	18°♉23'36	
	-1976 Jun 11 j 05:29	0°♊	
superior conj	-1976 Jun 13 j 01:30	3°♊51'30	1°29'11
minimum elong	-1976 Jun 12 j 22:59	3°♊38'20	1°28'57
max. Earth dist.	-1976 Jun 16 j 12:31	11°♊00'38	1.34733 AU
evening rise	-1976 Jun 21 j 04:57	20°♊18'33	
	-1976 Jun 26 j 09:43	0°♋	
desc. node	-1976 Jul 13 j 21:25	27°♋43'19	
	-1976 Jul 15 j 13:58	0°♌	
evening max el	-1976 Jul 26 j 04:58	12°♌19'33	26°57'47
retrograde	-1976 Aug 08 j 09:08	19°♌38'39	
evening set	-1976 Aug 15 j 04:53	16°♌52'32	
min. Earth dist.	-1976 Aug 19 j 02:34	12°♌58'09	0.65413 AU
inferior conj	-1976 Aug 21 j 00:25	10°♌45'30	-2°-46'-23
minimum elong	-1976 Aug 21 j 04:14	10°♌34'26	2°45'07
morning rise	-1976 Aug 27 j 04:55	5°♌05'25	
asc. node	-1976 Aug 29 j 19:57	4°♌22'37	
direct	-1976 Aug 30 j 00:06	4°♌22'27	
morning max el	-1976 Sep 05 j 14:04	7°♌58'00	18°19'59
	-1976 Sep 20 j 16:38	0°♍	
morning set	-1976 Sep 24 j 15:01	6°♍26'59	
	-1976 Oct 09 j 05:43	0°♎	
superior conj	-1976 Oct 09 j 12:21	0°♎26'16	0°02'19
minimum elong	-1976 Oct 09 j 12:39	0°♎27'25	0°02'16
behind sun begin	-1976 Oct 09 j 01:35	29°♍43'37	
behind sun end	-1976 Oct 09 j 23:43	1°♎11'11	
desc. node	-1976 Oct 09 j 20:54	1°♎00'05	
max. Earth dist.	-1976 Oct 11 j 22:05	4°♎14'09	1.44860 AU
evening rise	-1976 Oct 26 j 01:18	26°♎23'29	
	-1976 Oct 28 j 08:40	0°♏	
greatest brilliancy	-1976 Nov 09 j 18:55	19°♏08'09	-0.7m
	-1976 Nov 17 j 22:20	0°♐	
evening max el	-1976 Nov 18 j 19:17	0°♐56'10	19°26'46
asc. node	-1976 Nov 25 j 19:07	5°♐06'09	
retrograde	-1976 Nov 26 j 00:20	5°♐06'26	
evening set	-1976 Nov 29 j 08:22	4°♐01'26	
	-1976 Dec 03 j 11:15	30°℞♏	
inferior conj	-1976 Dec 04 j 23:42	28°♏04'25	2°47'56
minimum elong	-1976 Dec 04 j 20:45	28°♏13'57	2°47'01
min. Earth dist.	-1976 Dec 06 j 04:48	26°♏30'19	0.66149 AU
morning rise	-1976 Dec 10 j 08:21	21°♏51'13	
direct	-1976 Dec 16 j 13:04	19°♏08'27	
morning max el	-1976 Dec 28 j 23:58	26°♏29'43	25°59'26
	-1975 Jan 01 j 06:31	0°♐	
desc. node	-1975 Jan 05 j 20:10	5°♐30'24	
	-1975 Jan 22 j 16:18	0°♑	
morning set	-1975 Feb 03 j 04:31	19°♑55'40	
max. Earth dist.	-1975 Feb 07 j 04:03	27°♑27'01	1.35622 AU
	-1975 Feb 08 j 11:31	0°♒	
superior conj	-1975 Feb 12 j 08:50	7°♒44'46	-1°-25'-36
minimum elong	-1975 Feb 12 j 12:16	8°♒02'11	1°25'10
evening rise	-1975 Feb 20 j 06:28	23°♒58'24	
asc. node	-1975 Feb 21 j 18:26	27°♒00'56	
	-1975 Feb 23 j 06:19	0°♓	
evening max el	-1975 Mar 10 j 11:38	23°♓21'24	20°17'34
retrograde	-1975 Mar 21 j 01:58	28°♓25'02	
evening set	-1975 Mar 23 j 06:54	28°♓12'48	
inferior conj	-1975 Apr 01 j 05:53	24°♓14'24	0°42'53
minimum elong	-1975 Apr 01 j 07:47	24°♓11'35	0°42'14
min. Earth dist.	-1975 Apr 02 j 22:54	23°♓13'43	0.55400 AU
desc. node	-1975 Apr 03 j 19:13	22°♓44'20	
morning rise	-1975 Apr 10 j 06:16	19°♓52'51	
direct	-1975 Apr 13 j 23:35	19°♓22'36	
morning max el	-1975 Apr 27 j 13:46	26°♓03'33	23°32'47
	-1975 May 01 j 07:14	0°♈	
	-1975 May 19 j 13:46	0°♉	
asc. node	-1975 May 20 j 17:49	2°♉25'02	
morning set	-1975 May 21 j 04:44	3°♉22'07	
superior conj	-1975 May 28 j 07:57	18°♉38'14	1°12'08
minimum elong	-1975 May 28 j 05:25	18°♉24'41	1°11'47
max. Earth dist.	-1975 May 30 j 12:55	23°♉20'31	1.33622 AU
	-1975 Jun 02 j 17:31	0°♊	
evening rise	-1975 Jun 04 j 21:48	4°♊24'41	
	-1975 Jun 19 j 02:56	0°♋	
desc. node	-1975 Jun 30 j 18:26	16°♋43'29	
evening max el	-1975 Jul 08 j 15:55	25°♋32'48	27°23'24
	-1975 Jul 14 j 02:33	0°♌	
retrograde	-1975 Jul 22 j 06:10	2°♌54'58	
evening set	-1975 Jul 29 j 09:25	0°♌12'29	
	-1975 Jul 29 j 15:54	30°℞♋	
min. Earth dist.	-1975 Aug 02 j 01:12	26°♋53'26	0.63993 AU
inferior conj	-1975 Aug 04 j 12:36	24°♋17'13	-3°-32'-43
minimum elong	-1975 Aug 04 j 16:53	24°♋05'56	3°31'37
morning rise	-1975 Aug 11 j 02:15	18°♋53'50	
direct	-1975 Aug 13 j 16:30	18°♋19'58	
asc. node	-1975 Aug 16 j 17:02	19°♋06'07	
morning max el	-1975 Aug 20 j 05:14	21°♋46'24	17°58'44
	-1975 Aug 26 j 12:51	0°♌	
morning set	-1975 Sep 06 j 08:31	18°♌03'57	
	-1975 Sep 13 j 08:53	0°♍	
superior conj	-1975 Sep 19 j 04:55	9°♍39'30	0°47'45
minimum elong	-1975 Sep 19 j 09:44	9°♍59'11	0°47'09
max. Earth dist.	-1975 Sep 24 j 15:01	18°♍24'13	1.44182 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-1975 Sep 26 j 17:53	21°♍46'12	
	-1975 Oct 01 j 23:47	0°♎	
evening rise	-1975 Oct 05 j 10:37	5°♎20'50	
	-1975 Oct 21 j 19:36	0°♏	
greatest brilliancy	-1975 Oct 26 j 14:57	6°♏43'51	-0.5m
evening max el	-1975 Nov 01 j 22:45	14°♏23'38	20°25'22
retrograde	-1975 Nov 09 j 21:48	19°♏05'07	
asc. node	-1975 Nov 12 j 16:10	18°♏21'07	
evening set	-1975 Nov 13 j 14:53	17°♏45'28	
inferior conj	-1975 Nov 19 j 02:32	11°♏36'52	2°05'05
minimum elong	-1975 Nov 19 j 00:00	11°♏45'24	2°04'09
min. Earth dist.	-1975 Nov 19 j 19:11	10°♏40'37	0.66949 AU
morning rise	-1975 Nov 24 j 08:36	5°♏20'55	
direct	-1975 Nov 29 j 22:36	2°♏54'45	
morning max el	-1975 Dec 11 j 08:27	9°♏42'51	24°39'23
desc. node	-1975 Dec 23 j 17:14	24°♏46'35	
	-1975 Dec 27 j 10:27	0°♐	
	-1974 Jan 15 j 08:00	0°♑	
morning set	-1974 Jan 16 j 08:32	1°♑47'22	
max. Earth dist.	-1974 Jan 20 j 02:12	8°♑29'13	1.37472 AU
superior conj	-1974 Jan 26 j 18:22	21°♑04'11	-1°-44'-28
minimum elong	-1974 Jan 26 j 21:38	21°♑20'04	1°44'14
	-1974 Jan 31 j 07:07	0°♒	
evening rise	-1974 Feb 04 j 07:44	8°♒02'22	
asc. node	-1974 Feb 08 j 15:28	16°♒28'34	
	-1974 Feb 16 j 17:11	0°♓	
evening max el	-1974 Feb 21 j 04:35	5°♓16'09	19°15'41
retrograde	-1974 Mar 02 j 03:16	9°♓32'48	
evening set	-1974 Mar 04 j 09:46	9°♓17'29	
inferior conj	-1974 Mar 12 j 15:51	5°♓07'49	2°21'25
minimum elong	-1974 Mar 12 j 20:29	5°♓00'01	2°20'06
min. Earth dist.	-1974 Mar 15 j 14:05	3°♓10'38	0.56591 AU
morning rise	-1974 Mar 21 j 03:16	0°♓15'06	
desc. node	-1974 Mar 21 j 16:17	0°♓03'44	
	-1974 Mar 21 j 20:55	30°♑℞♒	
direct	-1974 Mar 26 j 00:17	29°♒20'08	
	-1974 Mar 30 j 03:33	0°♓	
morning max el	-1974 Apr 09 j 04:31	6°♓35'33	25°10'53
	-1974 Apr 26 j 05:38	0°♈	
morning set	-1974 May 05 j 16:49	18°♈22'45	
asc. node	-1974 May 07 j 14:51	22°♈27'17	
	-1974 May 11 j 02:24	0°♉	
superior conj	-1974 May 12 j 17:53	3°♉35'10	0°51'36
minimum elong	-1974 May 12 j 15:49	3°♉23'57	0°51'14
max. Earth dist.	-1974 May 13 j 21:02	6°♉02'49	1.32888 AU
evening rise	-1974 May 19 j 23:06	18°♉56'23	
	-1974 May 25 j 13:56	0°♊	
	-1974 Jun 13 j 13:43	0°♋	
desc. node	-1974 Jun 17 j 15:27	4°♋49'38	
evening max el	-1974 Jun 21 j 00:13	8°♋17'42	27°18'26
retrograde	-1974 Jul 04 j 20:45	15°♋38'00	
evening set	-1974 Jul 11 j 23:46	13°♋12'51	
min. Earth dist.	-1974 Jul 15 j 13:52	10°♋20'50	0.62233 AU
inferior conj	-1974 Jul 18 j 13:50	7°♋32'25	-4°-9'-38
minimum elong	-1974 Jul 18 j 17:29	7°♋23'50	4°09'00
morning rise	-1974 Jul 25 j 13:44	2°♋28'40	
direct	-1974 Jul 28 j 01:29	2°♋01'09	
asc. node	-1974 Aug 03 j 14:06	5°♋12'37	
morning max el	-1974 Aug 03 j 20:01	5°♋26'54	17°55'40
morning set	-1974 Aug 19 j 23:18	0°♌41'53	
	-1974 Aug 19 j 14:00	0°♌	
superior conj	-1974 Aug 31 j 00:19	20°♌12'04	1°21'01
minimum elong	-1974 Aug 31 j 05:24	20°♌33'51	1°20'32
	-1974 Sep 05 j 20:20	0°♍	

max. Earth dist.	-1974 Sep 07 j 04:07	2°♍10'23	1.42881 AU
desc. node	-1974 Sep 13 j 14:52	12°♍30'37	
evening rise	-1974 Sep 14 j 17:27	14°♍14'58	
	-1974 Sep 25 j 01:12	0°♎	
greatest brilliancy	-1974 Oct 10 j 21:26	22°♎09'58	-0.4m
evening max el	-1974 Oct 15 j 20:20	27°♎50'59	21°36'03
	-1974 Oct 18 j 03:17	0°♏	
retrograde	-1974 Oct 24 j 18:24	3°♏08'50	
evening set	-1974 Oct 28 j 22:44	1°♏32'08	
asc. node	-1974 Oct 30 j 13:14	0°♏03'29	
	-1974 Oct 30 j 14:33	30°℞♎	
inferior conj	-1974 Nov 03 j 08:17	25°♎15'22	1°16'47
minimum elong	-1974 Nov 03 j 06:36	25°♎21'13	1°16'05
min. Earth dist.	-1974 Nov 03 j 13:46	24°♎56'30	0.67408 AU
morning rise	-1974 Nov 08 j 14:09	18°♎59'19	
direct	-1974 Nov 13 j 12:49	16°♎54'26	
morning max el	-1974 Nov 23 j 17:42	22°♎59'09	23°12'27
greatest brilliancy	-1974 Nov 28 j 20:05	28°♎43'01	-0.3m
	-1974 Nov 29 j 21:04	0°♏	
desc. node	-1974 Dec 10 j 14:17	14°♏33'39	
	-1974 Dec 20 j 19:54	0°♐	
morning set	-1974 Dec 28 j 10:54	12°♐20'47	
max. Earth dist.	-1973 Jan 01 j 21:28	19°♐53'58	1.39556 AU
	-1973 Jan 07 j 13:57	0°♑	
superior conj	-1973 Jan 09 j 13:17	3°♑37'00	-1°-56'-20
minimum elong	-1973 Jan 09 j 15:01	3°♑44'58	1°56'21
evening rise	-1973 Jan 19 j 00:42	21°♑36'48	
	-1973 Jan 23 j 10:49	0°♒	
asc. node	-1973 Jan 26 j 12:30	5°♒30'59	
evening max el	-1973 Feb 04 j 06:42	17°♒44'24	18°33'35
retrograde	-1973 Feb 11 j 23:01	21°♒29'23	
evening set	-1973 Feb 14 j 09:27	21°♒08'04	
inferior conj	-1973 Feb 21 j 22:01	16°♒38'43	3°24'17
minimum elong	-1973 Feb 22 j 01:45	16°♒31'24	3°23'36
min. Earth dist.	-1973 Feb 25 j 07:40	14°♒00'15	0.58385 AU
morning rise	-1973 Mar 01 j 14:18	11°♒17'56	
direct	-1973 Mar 07 j 14:08	9°♒47'00	
desc. node	-1973 Mar 08 j 13:22	9°♒49'22	
morning max el	-1973 Mar 21 j 21:25	17°♒20'58	26°33'32
	-1973 Apr 01 j 08:28	0°♓	
	-1973 Apr 18 j 13:09	0°♈	
morning set	-1973 Apr 20 j 03:46	3°♈19'58	
asc. node	-1973 Apr 24 j 11:52	12°♈37'07	
superior conj	-1973 Apr 27 j 05:28	18°♈35'57	0°28'28
minimum elong	-1973 Apr 27 j 04:14	18°♈29'12	0°28'13
max. Earth dist.	-1973 Apr 27 j 09:34	18°♈58'29	1.32511 AU
	-1973 May 02 j 11:30	0°♉	
evening rise	-1973 May 04 j 06:02	3°♉44'22	
	-1973 May 18 j 09:56	0°♊	
evening max el	-1973 Jun 03 j 03:13	20°♊22'46	26°40'25
desc. node	-1973 Jun 04 j 12:28	21°♊39'04	
retrograde	-1973 Jun 17 j 03:26	27°♊39'46	
evening set	-1973 Jun 23 j 19:33	25°♊45'08	
min. Earth dist.	-1973 Jun 27 j 16:36	23°♊06'01	0.60236 AU
inferior conj	-1973 Jul 01 j 00:37	20°♊22'32	-4°-30'-33
minimum elong	-1973 Jul 01 j 02:01	20°♊19'39	4°30'26
morning rise	-1973 Jul 08 j 11:42	15°♊40'57	
direct	-1973 Jul 10 j 23:01	15°♊17'53	
morning max el	-1973 Jul 18 j 07:36	18°♊52'29	18°11'53
asc. node	-1973 Jul 21 j 11:09	22°♊26'58	
	-1973 Jul 26 j 11:14	0°♋	
morning set	-1973 Aug 03 j 05:51	14°♋06'14	
	-1973 Aug 11 j 18:44	0°♌	
superior conj	-1973 Aug 12 j 21:52	2°♌02'49	1°40'30

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-1973 Aug 13 j 00:52	2°♌16'23	1°40'20
max. Earth dist.	-1973 Aug 20 j 11:57	15°♌19'12	1.41128 AU
evening rise	-1973 Aug 25 j 16:09	23°♌54'37	
	-1973 Aug 29 j 11:22	0°♍	
desc. node	-1973 Aug 31 j 11:50	3°♍09'59	
	-1973 Sep 19 j 00:15	0°♎	
greatest brilliancy	-1973 Sep 23 j 10:35	5°♎37'53	-0.3m
evening max el	-1973 Sep 28 j 12:21	11°♎18'53	22°54'24
retrograde	-1973 Oct 08 j 12:37	17°♎15'06	
evening set	-1973 Oct 13 j 06:13	15°♎19'38	
asc. node	-1973 Oct 17 j 10:18	10°♎36'56	
inferior conj	-1973 Oct 18 j 15:08	8°♎58'15	0°24'48
minimum elong	-1973 Oct 18 j 14:33	9°♎00'15	0°24'33
min. Earth dist.	-1973 Oct 18 j 10:10	9°♎15'22	0.67548 AU
morning rise	-1973 Oct 23 j 22:52	2°♎44'42	
direct	-1973 Oct 28 j 06:46	1°♎02'14	
morning max el	-1973 Nov 06 j 07:13	6°♎21'37	21°47'30
greatest brilliancy	-1973 Nov 11 j 04:37	11°♎55'43	-0.4m
	-1973 Nov 24 j 07:09	0°♏	
desc. node	-1973 Nov 27 j 11:17	4°♏42'32	
morning set	-1973 Dec 08 j 08:13	21°♏30'26	
	-1973 Dec 13 j 14:04	0°♐	
max. Earth dist.	-1973 Dec 14 j 21:24	2°♐09'34	1.41596 AU
superior conj	-1973 Dec 22 j 12:12	15°♐09'07	-1°-57'-29
minimum elong	-1973 Dec 22 j 10:36	15°♐02'06	1°57'31
	-1973 Dec 30 j 18:29	0°♑	
evening rise	-1972 Jan 02 j 05:59	4°♑33'37	
asc. node	-1972 Jan 13 j 09:32	23°♑59'34	
	-1972 Jan 18 j 00:28	0°♒	
evening max el	-1972 Jan 18 j 15:06	0°♒37'21	18°11'32
retrograde	-1972 Jan 25 j 12:46	4°♒06'41	
evening set	-1972 Jan 28 j 02:43	3°♒38'05	
	-1972 Feb 02 j 15:35	30°℞♑	
inferior conj	-1972 Feb 04 j 00:23	28°♑46'46	3°52'53
minimum elong	-1972 Feb 04 j 01:38	28°♑43'54	3°52'46
min. Earth dist.	-1972 Feb 07 j 06:46	25°♑49'53	0.60431 AU
morning rise	-1972 Feb 10 j 21:39	23°♑05'31	
direct	-1972 Feb 17 j 15:22	20°♑57'11	
desc. node	-1972 Feb 23 j 10:27	22°♑23'58	
morning max el	-1972 Mar 02 j 20:20	28°♑41'06	27°27'19
	-1972 Mar 04 j 03:33	0°♒	
	-1972 Mar 25 j 02:21	0°♓	
morning set	-1972 Apr 03 j 11:46	18°♓06'09	
	-1972 Apr 09 j 01:50	0°♈	
max. Earth dist.	-1972 Apr 09 j 22:33	1°♈52'55	1.32484 AU
asc. node	-1972 Apr 10 j 08:53	2°♈49'24	
superior conj	-1972 Apr 10 j 16:57	3°♈33'33	0°03'34
minimum elong	-1972 Apr 10 j 16:47	3°♈32'39	0°03'31
behind sun begin	-1972 Apr 10 j 11:52	3°♈05'44	
behind sun end	-1972 Apr 10 j 21:43	3°♈59'36	
evening rise	-1972 Apr 17 j 16:17	18°♈39'24	
	-1972 Apr 23 j 07:03	0°♉	
	-1972 May 13 j 06:27	0°♊	
evening max el	-1972 May 14 j 23:22	1°♊42'35	25°32'20
desc. node	-1972 May 21 j 09:30	6°♊39'47	
retrograde	-1972 May 29 j 00:45	8°♊54'27	
evening set	-1972 Jun 03 j 17:10	7°♊38'09	
min. Earth dist.	-1972 Jun 08 j 11:26	4°♊54'12	0.58201 AU
inferior conj	-1972 Jun 11 j 17:16	2°♊36'35	-4°-25'-48
minimum elong	-1972 Jun 11 j 14:49	2°♊40'57	4°25'36
	-1972 Jun 15 j 16:19	30°℞♉	
morning rise	-1972 Jun 19 j 16:22	28°♉17'34	
direct	-1972 Jun 22 j 04:27	27°♉57'55	
	-1972 Jun 28 j 04:53	0°♊	
morning max el	-1972 Jun 30 j 13:00	1°♊53'46	18°48'22
asc. node	-1972 Jul 07 j 08:11	10°♊33'43	
morning set	-1972 Jul 16 j 23:42	28°♊04'34	
	-1972 Jul 17 j 23:18	0°♋	
superior conj	-1972 Jul 25 j 16:05	14°♋56'10	1°48'00
minimum elong	-1972 Jul 25 j 16:42	14°♋59'05	1°48'02
max. Earth dist.	-1972 Aug 01 j 15:02	27°♋43'38	1.39148 AU
	-1972 Aug 02 j 21:54	0°♌	
evening rise	-1972 Aug 05 j 15:45	4°♌45'07	
desc. node	-1972 Aug 17 j 08:50	23°♌40'08	
	-1972 Aug 21 j 14:25	0°♍	
evening max el	-1972 Sep 10 j 00:37	24°♍49'14	24°14'42
	-1972 Sep 16 j 12:51	0°♎	
retrograde	-1972 Sep 21 j 03:28	1°♎20'55	
	-1972 Sep 25 j 07:29	30°℞♍	
evening set	-1972 Sep 26 j 11:37	29°♍06'32	
inferior conj	-1972 Oct 01 j 21:22	22°♍44'13	0°-29'-14
minimum elong	-1972 Oct 01 j 22:04	22°♍41'51	0°28'57
min. Earth dist.	-1972 Oct 01 j 06:02	23°♍35'56	0.67374 AU
asc. node	-1972 Oct 03 j 07:22	20°♍51'19	
morning rise	-1972 Oct 07 j 08:48	16°♍35'58	
direct	-1972 Oct 11 j 03:32	15°♍14'20	
morning max el	-1972 Oct 19 j 03:39	19°♍53'41	20°31'16
greatest brilliancy	-1972 Oct 25 j 11:24	27°♍27'02	-0.5m
	-1972 Oct 27 j 08:37	0°♎	
desc. node	-1972 Nov 13 j 08:17	25°♎07'06	
morning set	-1972 Nov 16 j 08:18	29°♎45'00	
	-1972 Nov 16 j 12:10	0°♏	
max. Earth dist.	-1972 Nov 26 j 04:41	15°♏18'29	1.43304 AU
superior conj	-1972 Dec 02 j 09:48	25°♏28'29	-1°-43'-44
minimum elong	-1972 Dec 02 j 03:55	25°♏04'02	1°43'21
	-1972 Dec 05 j 02:40	0°♐	
evening rise	-1972 Dec 14 j 19:35	16°♐44'45	
	-1972 Dec 22 j 10:37	0°♑	
asc. node	-1972 Dec 30 j 06:35	11°♑44'13	
evening max el	-1971 Jan 01 j 02:58	13°♑47'29	18°09'08
retrograde	-1971 Jan 07 j 16:17	17°♑14'44	
evening set	-1971 Jan 10 j 09:46	16°♑37'54	
inferior conj	-1971 Jan 16 j 19:42	11°♑25'26	3°55'09
minimum elong	-1971 Jan 16 j 18:42	11°♑28'01	3°55'03
min. Earth dist.	-1971 Jan 19 j 14:27	8°♑33'34	0.62422 AU
morning rise	-1971 Jan 23 j 01:33	5°♑30'33	
direct	-1971 Jan 30 j 02:07	2°♑53'55	
desc. node	-1971 Feb 09 j 07:31	7°♑21'40	
morning max el	-1971 Feb 13 j 01:19	10°♑42'37	27°45'06
	-1971 Feb 28 j 05:16	0°♒	
	-1971 Mar 17 j 07:59	0°♓	
morning set	-1971 Mar 18 j 14:43	2°♓34'21	
max. Earth dist.	-1971 Mar 24 j 08:02	14°♓32'19	1.32822 AU
superior conj	-1971 Mar 26 j 02:44	18°♓22'34	0°-22'-18
minimum elong	-1971 Mar 26 j 03:46	18°♓28'10	0°22'06
asc. node	-1971 Mar 28 j 05:55	23°♓00'20	
	-1971 Mar 31 j 11:32	0°♈	
evening rise	-1971 Apr 02 j 03:58	3°♈35'04	
	-1971 Apr 16 j 13:06	0°♉	
evening max el	-1971 Apr 26 j 14:51	12°♉29'11	24°03'55
desc. node	-1971 May 08 j 06:35	19°♉15'14	
retrograde	-1971 May 10 j 10:43	19°♉26'03	
evening set	-1971 May 14 j 18:02	18°♉44'47	
min. Earth dist.	-1971 May 21 j 02:13	15°♉40'32	0.56450 AU
inferior conj	-1971 May 23 j 13:46	14°♉08'13	-3°-43'-56
minimum elong	-1971 May 23 j 07:43	14°♉17'39	3°42'41
morning rise	-1971 Jun 01 j 01:17	10°♉06'54	
direct	-1971 Jun 03 j 14:39	9°♉49'45	
morning max el	-1971 Jun 13 j 09:31	14°♉21'41	19°45'31

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-1971 Jun 24 j 05:14	29°♉20'50	
	-1971 Jun 24 j 14:00	0°♊	
morning set	-1971 Jul 01 j 01:29	12°♊28'12	
superior conj	-1971 Jul 09 j 01:27	28°♊36'06	1°46'06
minimum elong	-1971 Jul 09 j 00:16	28°♊30'10	1°46'06
	-1971 Jul 09 j 18:25	0°♋	
max. Earth dist.	-1971 Jul 14 j 17:59	9°♋36'03	1.37215 AU
evening rise	-1971 Jul 18 j 15:46	16°♋47'05	
	-1971 Jul 26 j 08:05	0°♌	
desc. node	-1971 Aug 04 j 05:51	13°♌55'43	
	-1971 Aug 16 j 00:04	0°♍	
evening max el	-1971 Aug 23 j 11:37	8°♍22'34	25°29'45
retrograde	-1971 Sep 04 j 14:03	15°♍21'14	
evening set	-1971 Sep 10 j 13:05	12°♍50'09	
min. Earth dist.	-1971 Sep 14 j 22:59	7°♍55'36	0.66881 AU
inferior conj	-1971 Sep 16 j 01:13	6°♍30'47	-1°-23'-49
minimum elong	-1971 Sep 16 j 03:16	6°♍24'11	1°22'59
asc. node	-1971 Sep 20 j 04:26	1°♍44'13	
morning rise	-1971 Sep 21 j 18:03	0°♍30'44	
	-1971 Sep 22 j 16:18	30°℞♌	
direct	-1971 Sep 25 j 01:45	29°♌26'52	
	-1971 Sep 27 j 13:20	0°♍	
morning max el	-1971 Oct 02 j 07:27	3°♍34'34	19°27'57
greatest brilliancy	-1971 Oct 11 j 12:11	15°♍26'29	-0.7m
	-1971 Oct 21 j 02:54	0°♎	
morning set	-1971 Oct 26 j 09:01	8°♎09'02	
desc. node	-1971 Oct 31 j 05:17	15°♎42'08	
max. Earth dist.	-1971 Nov 08 j 18:13	29°♎07'10	1.44462 AU
	-1971 Nov 09 j 07:34	0°♏	
superior conj	-1971 Nov 12 j 04:29	4°♏34'07	-1°-12'-19
minimum elong	-1971 Nov 11 j 20:53	4°♏03'46	1°11'31
evening rise	-1971 Nov 26 j 12:57	28°♏00'52	
	-1971 Nov 27 j 17:29	0°♐	
evening max el	-1971 Dec 15 j 15:28	27°♐07'35	18°25'35
asc. node	-1971 Dec 17 j 03:39	28°♐31'34	
	-1971 Dec 19 j 08:22	0°♑	
retrograde	-1971 Dec 22 j 05:03	0°♑43'52	
evening set	-1971 Dec 25 j 02:58	29°♐57'31	
	-1971 Dec 25 j 01:03	30°℞♐	
inferior conj	-1971 Dec 31 j 03:55	24°♐25'48	3°38'44
minimum elong	-1971 Dec 31 j 01:31	24°♐32'42	3°38'19
min. Earth dist.	-1970 Jan 02 j 07:51	21°♐56'56	0.64159 AU
morning rise	-1970 Jan 05 j 22:39	18°♐21'47	
direct	-1970 Jan 12 j 20:34	15°♐31'38	
morning max el	-1970 Jan 26 j 09:51	23°♐17'55	27°27'00
desc. node	-1970 Jan 27 j 04:34	24°♐05'14	
	-1970 Feb 01 j 10:08	0°♑	
	-1970 Feb 21 j 11:35	0°♒	
morning set	-1970 Mar 02 j 09:56	16°♒35'08	
max. Earth dist.	-1970 Mar 07 j 09:58	26°♒43'08	1.33560 AU
	-1970 Mar 08 j 23:36	0°♓	
superior conj	-1970 Mar 10 j 08:59	2°♓56'35	0°-48'-8
minimum elong	-1970 Mar 10 j 11:11	3°♓08'18	0°47'44
asc. node	-1970 Mar 15 j 02:59	13°♓05'35	
evening rise	-1970 Mar 17 j 15:15	18°♓24'43	
	-1970 Mar 23 j 09:41	0°♈	
evening max el	-1970 Apr 08 j 07:37	23°♈08'48	22°29'17
retrograde	-1970 Apr 21 j 07:58	29°♈31'50	
evening set	-1970 Apr 24 j 08:41	29°♈11'41	
desc. node	-1970 Apr 25 j 03:38	29°♈00'08	
min. Earth dist.	-1970 May 02 j 15:55	25°♈35'34	0.55333 AU
inferior conj	-1970 May 03 j 16:38	25°♈00'24	-2°-19'-13
minimum elong	-1970 May 03 j 10:46	25°♈08'46	2°17'23
morning rise	-1970 May 12 j 14:59	21°♈04'57	
direct	-1970 May 15 j 08:26	20°♈47'51	
morning max el	-1970 May 26 j 19:16	26°♈08'54	21°02'29
	-1970 May 30 j 09:50	0°♉	
asc. node	-1970 Jun 11 j 02:17	18°♉38'43	
morning set	-1970 Jun 15 j 08:43	27°♉10'41	
	-1970 Jun 16 j 17:29	0°♊	
superior conj	-1970 Jun 22 j 21:34	12°♊50'02	1°37'00
minimum elong	-1970 Jun 22 j 19:20	12°♊38'31	1°36'51
max. Earth dist.	-1970 Jun 27 j 03:24	21°♊25'08	1.35537 AU
evening rise	-1970 Jul 01 j 11:35	29°♊48'49	
	-1970 Jul 01 j 13:57	0°♋	
	-1970 Jul 19 j 11:22	0°♌	
desc. node	-1970 Jul 22 j 02:53	3°♌50'07	
evening max el	-1970 Aug 05 j 23:09	21°♌56'21	26°31'31
retrograde	-1970 Aug 18 j 19:41	29°♌10'33	
evening set	-1970 Aug 25 j 08:34	26°♌27'55	
min. Earth dist.	-1970 Aug 29 j 10:34	22°♌11'18	0.66051 AU
inferior conj	-1970 Aug 31 j 00:49	20°♌15'21	-2°-17'-7
minimum elong	-1970 Aug 31 j 04:04	20°♌05'27	2°15'55
morning rise	-1970 Sep 06 j 00:36	14°♌26'47	
asc. node	-1970 Sep 07 j 01:29	13°♌58'08	
direct	-1970 Sep 08 j 23:42	13°♌37'05	
morning max el	-1970 Sep 15 j 17:28	17°♌21'55	18°40'01
	-1970 Sep 25 j 03:48	0°♍	
morning set	-1970 Oct 06 j 07:35	17°♍41'19	
	-1970 Oct 14 j 01:06	0°♎	
desc. node	-1970 Oct 18 j 02:19	6°♎24'12	
superior conj	-1970 Oct 22 j 05:47	12°♎55'55	0°-26'-30
minimum elong	-1970 Oct 22 j 02:17	12°♎42'08	0°26'05
max. Earth dist.	-1970 Oct 22 j 11:55	13°♎20'03	1.44932 AU
	-1970 Nov 02 j 01:32	0°♏	
evening rise	-1970 Nov 07 j 06:31	8°♏16'41	
	-1970 Nov 21 j 01:24	0°♐	
evening max el	-1970 Nov 29 j 02:07	10°♐33'08	18°59'43
asc. node	-1970 Dec 04 j 00:42	14°♐07'08	
retrograde	-1970 Dec 05 j 23:25	14°♐28'08	
evening set	-1970 Dec 09 j 03:17	13°♐30'27	
inferior conj	-1970 Dec 14 j 21:34	7°♐41'54	3°09'15
minimum elong	-1970 Dec 14 j 18:37	7°♐51'07	3°08'29
min. Earth dist.	-1970 Dec 16 j 10:38	5°♐46'31	0.65540 AU
morning rise	-1970 Dec 20 j 09:00	1°♐31'36	
	-1970 Dec 22 j 10:46	30°℞♏	
direct	-1970 Dec 26 j 21:21	28°♏42'44	
	-1970 Dec 31 j 17:56	0°♐	
morning max el	-1969 Jan 08 j 19:24	6°♐16'02	26°38'09
desc. node	-1969 Jan 14 j 01:37	12°♐04'32	
	-1969 Jan 27 j 04:01	0°♑	
morning set	-1969 Feb 13 j 17:54	29°♑57'18	
	-1969 Feb 13 j 18:28	0°♒	
max. Earth dist.	-1969 Feb 18 j 01:13	8°♒19'16	1.34745 AU
superior conj	-1969 Feb 22 j 09:30	17°♒08'32	-1°-12'-41
minimum elong	-1969 Feb 22 j 12:38	17°♒24'44	1°12'12
	-1969 Feb 28 j 13:17	0°♓	
evening rise	-1969 Mar 02 j 00:20	3°♓02'05	
asc. node	-1969 Mar 02 j 00:02	3°♓00'31	
	-1969 Mar 17 j 13:59	0°♈	
evening max el	-1969 Mar 21 j 07:46	4°♈07'40	21°01'23
retrograde	-1969 Apr 01 j 21:13	9°♈41'07	
evening set	-1969 Apr 04 j 05:26	9°♈28'18	
desc. node	-1969 Apr 12 j 00:42	6°♈19'06	
inferior conj	-1969 Apr 13 j 11:21	5°♈30'22	0°-24'-28
minimum elong	-1969 Apr 13 j 10:12	5°♈32'00	0°24'04
min. Earth dist.	-1969 Apr 14 j 05:28	5°♈04'41	0.55105 AU
morning rise	-1969 Apr 22 j 14:13	1°♈23'39	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

direct	-1969 Apr 25 j 19:51	1°♈00'56	
morning max el	-1969 May 08 j 18:26	7°♈14'26	22°35'25
	-1969 May 24 j 17:27	0°♉	
asc. node	-1969 May 28 j 23:21	8°♉18'50	
morning set	-1969 May 30 j 19:13	12°♉05'00	
superior conj	-1969 Jun 07 j 00:59	27°♉26'55	1°22'28
minimum elong	-1969 Jun 06 j 22:24	27°♉13'13	1°22'09
	-1969 Jun 08 j 05:59	0°♊	
max. Earth dist.	-1969 Jun 09 j 22:38	3°♊32'18	1.34214 AU
evening rise	-1969 Jun 14 j 21:59	13°♊34'56	
	-1969 Jun 23 j 19:44	0°♋	
desc. node	-1969 Jul 08 j 23:55	23°♋13'24	
	-1969 Jul 14 j 10:22	0°♌	
evening max el	-1969 Jul 19 j 10:53	5°♌20'35	27°12'13
retrograde	-1969 Aug 01 j 19:43	12°♌40'54	
evening set	-1969 Aug 08 j 19:24	9°♌55'06	
min. Earth dist.	-1969 Aug 12 j 14:25	6°♌16'13	0.64856 AU
inferior conj	-1969 Aug 14 j 17:53	3°♌52'53	-3°-6'-53
minimum elong	-1969 Aug 14 j 21:59	3°♌41'25	3°05'38
	-1969 Aug 18 j 13:43	30°℞♋	
morning rise	-1969 Aug 21 j 02:05	28°♋19'17	
direct	-1969 Aug 23 j 18:59	27°♋40'24	
asc. node	-1969 Aug 24 j 22:32	27°♋47'26	
	-1969 Aug 29 j 00:53	0°♌	
morning max el	-1969 Aug 30 j 07:26	1°♌10'53	18°08'47
morning set	-1969 Sep 17 j 10:13	28°♌35'31	
	-1969 Sep 18 j 06:28	0°♍	
superior conj	-1969 Oct 01 j 10:46	21°♍33'04	0°22'43
minimum elong	-1969 Oct 01 j 13:29	21°♍43'59	0°22'21
desc. node	-1969 Oct 04 j 23:21	27°♍09'32	
max. Earth dist.	-1969 Oct 05 j 06:36	27°♍38'13	1.44661 AU
	-1969 Oct 06 j 18:30	0°♎	
evening rise	-1969 Oct 18 j 01:07	17°♎36'11	
	-1969 Oct 26 j 02:05	0°♏	
greatest brilliancy	-1969 Nov 04 j 17:55	14°♏23'40	-0.6m
evening max el	-1969 Nov 12 j 08:41	24°♏00'32	19°50'00
retrograde	-1969 Nov 19 j 20:28	28°♏22'51	
asc. node	-1969 Nov 20 j 21:44	28°♏16'28	
evening set	-1969 Nov 23 j 08:12	27°♏11'43	
inferior conj	-1969 Nov 28 j 21:45	21°♏09'19	2°30'32
minimum elong	-1969 Nov 28 j 18:55	21°♏18'40	2°29'35
min. Earth dist.	-1969 Nov 29 j 21:18	19°♏51'34	0.66537 AU
morning rise	-1969 Dec 04 j 05:01	14°♏54'55	
direct	-1969 Dec 10 j 03:42	12°♏18'36	
morning max el	-1969 Dec 22 j 04:26	19°♏26'31	25°26'55
	-1969 Dec 31 j 05:09	0°♐	
desc. node	-1969 Dec 31 j 22:41	0°♐57'26	
	-1968 Jan 20 j 06:23	0°♑	
morning set	-1968 Jan 27 j 09:53	12°♑27'10	
max. Earth dist.	-1968 Jan 31 j 05:09	19°♑29'05	1.36372 AU
	-1968 Feb 05 j 15:25	0°♒	
superior conj	-1968 Feb 06 j 01:33	0°♒50'24	-1°-34'-15
minimum elong	-1968 Feb 06 j 05:03	1°♒07'50	1°33'53
evening rise	-1968 Feb 14 j 05:11	17°♒20'59	
asc. node	-1968 Feb 16 j 21:05	22°♒40'14	
	-1968 Feb 20 j 17:46	0°♓	
evening max el	-1968 Mar 02 j 18:32	15°♓41'15	19°48'47
retrograde	-1968 Mar 12 j 15:07	20°♓23'32	
evening set	-1968 Mar 14 j 20:11	20°♓10'23	
inferior conj	-1968 Mar 23 j 12:21	16°♓08'16	1°28'31
minimum elong	-1968 Mar 23 j 15:55	16°♓02'44	1°27'22
min. Earth dist.	-1968 Mar 25 j 19:39	14°♓42'45	0.55816 AU
desc. node	-1968 Mar 28 j 21:45	12°♓58'44	
morning rise	-1968 Apr 01 j 08:30	11°♓34'12	

direct	-1968 Apr 05 j 12:57	10°♓55'22	
morning max el	-1968 Apr 19 j 10:43	17°♓52'14	24°15'27
	-1968 Apr 29 j 09:06	0°♈	
morning set	-1968 May 14 j 07:13	27°♈05'21	
asc. node	-1968 May 14 j 20:25	28°♈14'53	
	-1968 May 15 j 16:15	0°♉	
superior conj	-1968 May 21 j 09:09	12°♉18'42	1°03'48
minimum elong	-1968 May 21 j 06:46	12°♉05'51	1°03'25
max. Earth dist.	-1968 May 23 j 02:54	16°♉03'22	1.33269 AU
evening rise	-1968 May 28 j 18:49	27°♉52'59	
	-1968 May 29 j 20:07	0°♊	
	-1968 Jun 16 j 01:35	0°♋	
desc. node	-1968 Jun 24 j 20:55	11°♋52'29	
evening max el	-1968 Jun 30 j 20:56	18°♋22'37	27°25'10
retrograde	-1968 Jul 14 j 13:49	25°♋43'50	
evening set	-1968 Jul 21 j 18:20	23°♋06'47	
min. Earth dist.	-1968 Jul 25 j 08:39	20°♋00'53	0.63289 AU
inferior conj	-1968 Jul 28 j 01:44	17°♋17'48	-3°-49'-52
minimum elong	-1968 Jul 28 j 05:55	17°♋07'17	3°48'56
morning rise	-1968 Aug 03 j 19:38	12°♋02'34	
direct	-1968 Aug 06 j 08:40	11°♋31'36	
asc. node	-1968 Aug 10 j 19:37	13°♋07'28	
morning max el	-1968 Aug 12 j 22:46	14°♋56'15	17°55'12
	-1968 Aug 23 j 10:19	0°♌	
morning set	-1968 Aug 29 j 13:25	10°♌39'42	
	-1968 Sep 09 j 19:26	0°♍	
superior conj	-1968 Sep 10 j 14:08	1°♍17'59	1°03'36
minimum elong	-1968 Sep 10 j 19:32	1°♍40'22	1°02'59
max. Earth dist.	-1968 Sep 16 j 22:29	11°♍40'55	1.43694 AU
desc. node	-1968 Sep 20 j 20:20	17°♍54'56	
evening rise	-1968 Sep 26 j 06:54	26°♍25'13	
	-1968 Sep 28 j 14:40	0°♎	
	-1968 Oct 19 j 03:46	0°♏	
greatest brilliancy	-1968 Oct 19 j 18:33	0°♏48'23	-0.5m
evening max el	-1968 Oct 25 j 09:35	7°♏27'08	20°54'11
retrograde	-1968 Nov 02 j 17:51	12°♏23'51	
evening set	-1968 Nov 06 j 15:30	10°♏57'00	
asc. node	-1968 Nov 06 j 18:46	10°♏50'47	
inferior conj	-1968 Nov 12 j 02:02	4°♏44'15	1°45'09
minimum elong	-1968 Nov 11 j 23:49	4°♏51'49	1°44'17
min. Earth dist.	-1968 Nov 12 j 13:43	4°♏04'20	0.67178 AU
	-1968 Nov 15 j 18:47	30°℞♎	
morning rise	-1968 Nov 17 j 07:45	28°♎27'58	
direct	-1968 Nov 22 j 15:06	26°♎10'49	
	-1968 Nov 30 j 15:37	0°♏	
morning max el	-1968 Dec 03 j 13:04	2°♏41'24	24°02'50
desc. node	-1968 Dec 17 j 19:42	20°♏27'39	
	-1968 Dec 24 j 08:54	0°♐	
morning set	-1967 Jan 08 j 03:45	23°♐47'28	
	-1967 Jan 11 j 16:56	0°♑	
max. Earth dist.	-1967 Jan 12 j 01:26	0°♑37'52	1.38343 AU
superior conj	-1967 Jan 19 j 05:25	13°♑51'12	-1°-50'-33
minimum elong	-1967 Jan 19 j 08:15	14°♑04'36	1°50'26
	-1967 Jan 27 j 12:21	0°♒	
evening rise	-1967 Jan 28 j 03:18	1°♒13'29	
asc. node	-1967 Feb 02 j 18:06	11°♒58'05	
evening max el	-1967 Feb 13 j 15:35	27°♒50'39	18°55'14
	-1967 Feb 16 j 07:19	0°♓	
retrograde	-1967 Feb 22 j 00:14	1°♓52'18	
evening set	-1967 Feb 24 j 08:10	1°♓34'47	
	-1967 Feb 28 j 03:36	30°℞♒	
inferior conj	-1967 Mar 04 j 06:36	27°♒17'08	2°52'35
minimum elong	-1967 Mar 04 j 11:12	27°♒08'53	2°51'29
min. Earth dist.	-1967 Mar 07 j 11:41	24°♒59'57	0.57300 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning rise	-1967 Mar 12 j 10:12	22°♒11'16	
desc. node	-1967 Mar 15 j 18:49	21°♒11'58	
direct	-1967 Mar 17 j 19:00	21°♒02'10	
morning max el	-1967 Apr 01 j 01:57	28°♒27'18	25°48'48
	-1967 Apr 02 j 14:51	0°♓	
	-1967 Apr 22 j 18:25	0°♈	
morning set	-1967 Apr 28 j 19:02	12°♈05'12	
asc. node	-1967 May 01 j 17:28	18°♈20'50	
superior conj	-1967 May 05 j 20:00	27°♈17'51	0°42'03
minimum elong	-1967 May 05 j 18:16	27°♈08'20	0°41'43
max. Earth dist.	-1967 May 06 j 13:15	28°♈52'03	1.32684 AU
	-1967 May 07 j 01:43	0°♉	
evening rise	-1967 May 12 j 22:48	12°♉32'10	
	-1967 May 21 j 23:58	0°♊	
desc. node	-1967 Jun 11 j 17:57	29°♊28'57	
	-1967 Jun 12 j 06:17	0°♋	
evening max el	-1967 Jun 13 j 02:59	0°♋50'27	27°06'08
retrograde	-1967 Jun 27 j 01:24	8°♋10'14	
evening set	-1967 Jul 04 j 01:20	5°♋56'14	
min. Earth dist.	-1967 Jul 07 j 16:48	3°♋12'01	0.61401 AU
inferior conj	-1967 Jul 10 j 21:14	0°♋22'56	-4°-20'-59
minimum elong	-1967 Jul 11 j 00:09	0°♋16'27	4°20'36
	-1967 Jul 11 j 07:35	30°℞♊	
morning rise	-1967 Jul 18 j 01:50	25°♊28'48	
direct	-1967 Jul 20 j 13:08	25°♊03'27	
morning max el	-1967 Jul 27 j 12:37	28°♊31'36	18°00'13
asc. node	-1967 Jul 28 j 16:41	29°♊44'37	
	-1967 Jul 28 j 22:11	0°♋	
morning set	-1967 Aug 12 j 11:30	23°♋38'36	
	-1967 Aug 15 j 22:43	0°♌	
superior conj	-1967 Aug 22 j 21:14	12°♌25'28	1°30'54
minimum elong	-1967 Aug 23 j 01:34	12°♌44'29	1°30'33
max. Earth dist.	-1967 Aug 30 j 09:02	25°♌11'04	1.42168 AU
	-1967 Sep 02 j 07:31	0°♍	
evening rise	-1967 Sep 05 j 18:32	5°♍33'05	
desc. node	-1967 Sep 07 j 17:18	8°♍37'32	
	-1967 Sep 21 j 22:29	0°♎	
greatest brilliancy	-1967 Oct 03 j 10:44	15°♎32'30	-0.3m
evening max el	-1967 Oct 08 j 04:31	20°♎53'56	22°08'46
retrograde	-1967 Oct 17 j 13:44	26°♎28'51	
evening set	-1967 Oct 21 j 23:24	24°♎44'22	
asc. node	-1967 Oct 24 j 15:49	21°♎59'31	
inferior conj	-1967 Oct 27 j 08:29	18°♎24'58	0°55'07
minimum elong	-1967 Oct 27 j 07:14	18°♎29'18	0°54'35
min. Earth dist.	-1967 Oct 27 j 09:27	18°♎21'36	0.67496 AU
morning rise	-1967 Nov 01 j 14:53	12°♎09'25	
direct	-1967 Nov 06 j 07:01	10°♎14'11	
morning max el	-1967 Nov 15 j 23:47	16°♎00'06	22°35'39
greatest brilliancy	-1967 Nov 20 j 15:53	21°♎14'45	-0.3m
	-1967 Nov 27 j 09:17	0°♏	
desc. node	-1967 Dec 04 j 16:44	10°♏24'45	
	-1967 Dec 17 j 10:19	0°♐	
morning set	-1967 Dec 19 j 17:47	3°♐44'46	
max. Earth dist.	-1967 Dec 24 j 21:34	12°♐20'21	1.40441 AU
superior conj	-1966 Jan 01 j 16:30	25°♐59'32	-1°-58'-23
minimum elong	-1966 Jan 01 j 17:02	26°♐01'57	1°58'27
	-1966 Jan 03 j 21:18	0°♑	
evening rise	-1966 Jan 11 j 15:45	14°♑32'38	
	-1966 Jan 20 j 03:44	0°♒	
asc. node	-1966 Jan 20 j 15:07	0°♒47'08	
evening max el	-1966 Jan 27 j 20:45	10°♒30'28	18°21'47
retrograde	-1966 Feb 04 j 03:51	14°♒06'54	
evening set	-1966 Feb 06 j 15:45	13°♒42'43	
inferior conj	-1966 Feb 13 j 21:39	9°♒04'25	3°40'07
minimum elong	-1966 Feb 14 j 00:24	8°♒58'41	3°39'45
min. Earth dist.	-1966 Feb 17 j 07:31	6°♒14'45	0.59246 AU
morning rise	-1966 Feb 21 j 05:31	3°♒33'42	
direct	-1966 Feb 27 j 14:22	1°♒46'00	
desc. node	-1966 Mar 02 j 15:54	2°♒10'08	
morning max el	-1966 Mar 13 j 21:14	9°♒25'47	27°00'22
	-1966 Mar 29 j 15:06	0°♓	
morning set	-1966 Apr 13 j 04:57	26°♓58'19	
	-1966 Apr 14 j 15:31	0°♈	
asc. node	-1966 Apr 18 j 14:30	8°♈32'06	
superior conj	-1966 Apr 20 j 07:46	12°♈18'02	0°18'04
minimum elong	-1966 Apr 20 j 06:58	12°♈13'39	0°17'54
max. Earth dist.	-1966 Apr 20 j 02:14	11°♈47'44	1.32456 AU
evening rise	-1966 Apr 27 j 07:24	27°♈23'50	
	-1966 Apr 28 j 13:26	0°♉	
	-1966 May 15 j 15:21	0°♊	
evening max el	-1966 May 26 j 03:05	12°♊35'53	26°14'42
desc. node	-1966 May 29 j 15:00	15°♊36'19	
retrograde	-1966 Jun 09 j 04:44	19°♊51'48	
evening set	-1966 Jun 15 j 12:00	18°♊13'14	
min. Earth dist.	-1966 Jun 19 j 16:05	15°♊33'56	0.59351 AU
inferior conj	-1966 Jun 23 j 00:42	12°♊58'46	-4°-32'-23
minimum elong	-1966 Jun 23 j 00:37	12°♊58'56	4°32'22
morning rise	-1966 Jun 30 j 16:49	8°♊26'54	
direct	-1966 Jul 03 j 04:10	8°♊05'33	
morning max el	-1966 Jul 10 j 21:57	11°♊47'59	18°24'52
asc. node	-1966 Jul 15 j 13:45	17°♊22'50	
	-1966 Jul 23 j 02:32	0°♋	
morning set	-1966 Jul 26 j 23:20	7°♋18'22	
superior conj	-1966 Aug 05 j 04:17	24°♋44'33	1°44'59
minimum elong	-1966 Aug 05 j 06:15	24°♋53'34	1°44'57
	-1966 Aug 08 j 01:31	0°♌	
max. Earth dist.	-1966 Aug 12 j 14:06	7°♌58'48	1.40293 AU
evening rise	-1966 Aug 17 j 03:25	15°♌41'33	
desc. node	-1966 Aug 25 j 14:18	29°♌13'24	
	-1966 Aug 26 j 02:24	0°♍	
	-1966 Sep 16 j 18:18	0°♎	
evening max el	-1966 Sep 20 j 18:41	4°♎22'31	23°28'50
retrograde	-1966 Oct 01 j 06:38	10°♎34'44	
evening set	-1966 Oct 06 j 06:10	8°♎31'23	
inferior conj	-1966 Oct 11 j 15:17	2°♎09'12	0°02'04
minimum elong	-1966 Oct 11 j 15:14	2°♎09'22	0°02'02
transit middle	-1966 Oct 11 j 15:14	2°♎09'22	0°02'02
transit begin	-1966 Oct 11 j 12:32	2°♎18'35	
transit end	-1966 Oct 11 j 17:55	2°♎00'10	
min. Earth dist.	-1966 Oct 11 j 06:01	2°♎40'56	0.67509 AU
asc. node	-1966 Oct 11 j 12:53	2°♎17'24	
	-1966 Oct 13 j 05:40	30°℞♍	
morning rise	-1966 Oct 17 j 00:21	25°♍57'18	
direct	-1966 Oct 21 j 02:27	24°♍23'47	
morning max el	-1966 Oct 29 j 15:51	29°♍25'27	21°13'39
	-1966 Oct 30 j 05:14	0°♎	
greatest brilliancy	-1966 Nov 04 j 01:02	5°♎39'47	-0.5m
	-1966 Nov 21 j 03:01	0°♏	
desc. node	-1966 Nov 21 j 13:44	0°♏40'36	
morning set	-1966 Nov 29 j 04:03	12°♏23'54	
max. Earth dist.	-1966 Dec 07 j 00:00	24°♏57'02	1.42377 AU
	-1966 Dec 10 j 01:21	0°♐	
superior conj	-1966 Dec 14 j 05:12	7°♐01'44	-1°-53'-43
minimum elong	-1966 Dec 14 j 01:46	6°♐47'02	1°53'37
evening rise	-1966 Dec 25 j 14:50	27°♐10'18	
	-1966 Dec 27 j 04:25	0°♑	
asc. node	-1965 Jan 07 j 12:09	18°♑58'17	
evening max el	-1965 Jan 11 j 07:03	23°♑31'56	18°08'15

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

retrograde	-1965 Jan 17 j 23:51	26°♑58'29		
evening set	-1965 Jan 20 j 15:22	26°♑26'25		
inferior conj	-1965 Jan 27 j 07:41	21°♑26'08	3°56'33	
minimum elong	-1965 Jan 27 j 07:54	21°♑25'36	3°56'30	
min. Earth dist.	-1965 Jan 30 j 09:54	18°♑28'44	0.61301 AU	
morning rise	-1965 Feb 02 j 21:54	15°♑38'42		
direct	-1965 Feb 09 j 20:06	13°♑16'32		
desc. node	-1965 Feb 17 j 12:58	15°♑49'54		
morning max el	-1965 Feb 23 j 22:37	21°♑02'49	27°39'22	
	-1965 Mar 03 j 17:43	0°♒		
	-1965 Mar 22 j 13:15	0°♓		
morning set	-1965 Mar 28 j 11:07	11°♓38'13		
max. Earth dist.	-1965 Apr 03 j 14:12	24°♓37'48	1.32582 AU	
superior conj	-1965 Apr 04 j 18:48	27°♓13'28	0°-7'-21	
minimum elong	-1965 Apr 04 j 19:09	27°♓15'18	0°07'17	
behind sun begin	-1965 Apr 04 j 14:36	26°♓50'34		
behind sun end	-1965 Apr 04 j 23:41	27°♓40'03		
asc. node	-1965 Apr 05 j 11:32	28°♓44'43		
	-1965 Apr 06 j 01:19	0°♈		
evening rise	-1965 Apr 11 j 18:33	12°♈20'47		
	-1965 Apr 20 j 18:55	0°♉		
evening max el	-1965 May 07 j 21:06	23°♉40'58	24°56'31	
desc. node	-1965 May 16 j 12:03	29°♉40'36		
	-1965 May 17 j 08:37	0°♊		
retrograde	-1965 May 21 j 21:19	0°♊47'28		
	-1965 May 26 j 10:24	30°℞♉		
evening set	-1965 May 27 j 00:13	29°♉47'31		
min. Earth dist.	-1965 Jun 01 j 09:01	26°♉56'25	0.57404 AU	
inferior conj	-1965 Jun 04 j 09:00	24°♉56'23	-4°-13'-15	
minimum elong	-1965 Jun 04 j 04:48	25°♉03'27	4°12'41	
morning rise	-1965 Jun 12 j 13:20	20°♉45'25		
direct	-1965 Jun 15 j 01:56	20°♉26'54		
morning max el	-1965 Jun 23 j 23:52	24°♉36'29	19°10'03	
	-1965 Jun 28 j 15:26	0°♊		
asc. node	-1965 Jul 02 j 10:49	5°♊48'37		
morning set	-1965 Jul 10 j 21:00	21°♊29'07		
	-1965 Jul 15 j 03:50	0°♋		
superior conj	-1965 Jul 19 j 05:37	7°♋59'41	1°48'11	
minimum elong	-1965 Jul 19 j 05:23	7°♋58'31	1°48'14	
max. Earth dist.	-1965 Jul 25 j 16:44	20°♋08'32	1.38315 AU	
evening rise	-1965 Jul 29 j 13:58	27°♋04'09		
	-1965 Jul 31 j 06:37	0°♌		
desc. node	-1965 Aug 12 j 11:20	19°♌38'13		
	-1965 Aug 19 j 14:41	0°♍		
evening max el	-1965 Sep 03 j 06:21	17°♍54'54	24°47'44	
retrograde	-1965 Sep 14 j 19:35	24°♍38'30		
evening set	-1965 Sep 20 j 10:07	22°♍16'47		
min. Earth dist.	-1965 Sep 25 j 00:55	17°♍01'13	0.67212 AU	
inferior conj	-1965 Sep 25 j 20:43	15°♍55'30	0°-52'-25	
minimum elong	-1965 Sep 25 j 22:00	15°♍51'17	0°51'53	
asc. node	-1965 Sep 28 j 09:58	12°♍41'14		
morning rise	-1965 Oct 01 j 10:15	9°♍50'21		
direct	-1965 Oct 05 j 00:08	8°♍36'30		
morning max el	-1965 Oct 12 j 15:23	13°♍00'48	20°02'31	
greatest brilliancy	-1965 Oct 19 j 21:54	21°♍57'17	-0.6m	
	-1965 Oct 25 j 12:32	0°♎		
morning set	-1965 Nov 08 j 01:11	20°♎32'54		
desc. node	-1965 Nov 08 j 10:45	21°♎09'53		
	-1965 Nov 14 j 02:45	0°♏		
max. Earth dist.	-1965 Nov 19 j 10:33	8°♏25'54	1.43879 AU	
superior conj	-1965 Nov 24 j 15:03	16°♏48'07	-1°-32'-33	
minimum elong	-1965 Nov 24 j 07:49	16°♏18'43	1°31'57	
	-1965 Dec 02 j 13:55	0°♐		
evening rise	-1965 Dec 07 j 20:18	8°♐58'29		
	-1965 Dec 20 j 11:55	0°♑		
asc. node	-1965 Dec 25 j 09:12	6°♑19'59		
evening max el	-1965 Dec 25 j 19:31	6°♑46'44	18°13'56	
retrograde	-1964 Jan 01 j 07:49	10°♑16'23		
evening set	-1964 Jan 04 j 03:10	9°♑35'30		
inferior conj	-1964 Jan 10 j 08:55	4°♑14'22	3°50'06	
minimum elong	-1964 Jan 10 j 07:12	4°♑19'00	3°49'53	
min. Earth dist.	-1964 Jan 12 j 21:25	1°♑30'52	0.63198 AU	
	-1964 Jan 14 j 09:32	30°℞♐		
morning rise	-1964 Jan 16 j 09:32	28°♐15'24		
direct	-1964 Jan 23 j 10:01	25°♐31'26		
	-1964 Feb 02 j 12:48	0°♑		
desc. node	-1964 Feb 04 j 10:01	1°♑36'33		
morning max el	-1964 Feb 06 j 05:21	3°♑19'15	27°41'44	
	-1964 Feb 26 j 04:03	0°♒		
morning set	-1964 Mar 11 j 11:09	25°♒55'47		
	-1964 Mar 13 j 11:19	0°♓		
max. Earth dist.	-1964 Mar 16 j 21:10	7°♓07'27	1.33086 AU	
superior conj	-1964 Mar 19 j 03:19	11°♓56'49	0°-33'-19	
minimum elong	-1964 Mar 19 j 04:51	12°♓05'06	0°33'01	
asc. node	-1964 Mar 22 j 08:34	18°♓53'44		
evening rise	-1964 Mar 26 j 06:17	27°♓14'55		
	-1964 Mar 27 j 13:53	0°♈		
	-1964 Apr 14 j 11:53	0°♉		
evening max el	-1964 Apr 18 j 12:18	4°♉21'03	23°23'34	
retrograde	-1964 May 02 j 01:23	11°♉05'35		
desc. node	-1964 May 02 j 09:08	11°♉05'21		
evening set	-1964 May 05 j 18:55	10°♉35'04		
min. Earth dist.	-1964 May 12 j 22:42	7°♉19'03	0.55887 AU	
inferior conj	-1964 May 14 j 21:20	6°♉10'04	-3°-13'-4	
minimum elong	-1964 May 14 j 14:43	6°♉19'54	3°11'22	
morning rise	-1964 May 23 j 13:53	2°♉13'20		
direct	-1964 May 26 j 04:41	1°♉56'30		
morning max el	-1964 Jun 05 j 15:54	6°♉47'27	20°15'56	
asc. node	-1964 Jun 18 j 07:53	24°♉49'56		
	-1964 Jun 21 j 01:00	0°♊		
morning set	-1964 Jun 24 j 01:24	6°♊01'47		
superior conj	-1964 Jul 01 j 20:03	21°♊55'33	1°43'00	
minimum elong	-1964 Jul 01 j 18:19	21°♊46'49	1°42'56	
	-1964 Jul 05 j 21:48	0°♋		
max. Earth dist.	-1964 Jul 06 j 22:08	1°♋57'35	1.36468 AU	
evening rise	-1964 Jul 10 j 23:02	9°♋32'58		
	-1964 Jul 22 j 22:22	0°♌		
desc. node	-1964 Jul 29 j 08:23	9°♌45'53		
	-1964 Aug 14 j 06:05	0°♍		
evening max el	-1964 Aug 15 j 17:29	1°♍29'08	25°58'02	
retrograde	-1964 Aug 28 j 04:00	8°♍35'15		
evening set	-1964 Sep 03 j 09:20	5°♍58'13		
min. Earth dist.	-1964 Sep 07 j 15:46	1°♍19'58	0.66578 AU	
inferior conj	-1964 Sep 08 j 23:01	29°♌41'30	-1°-46'-42	
minimum elong	-1964 Sep 09 j 01:36	29°♌33'21	1°45'41	
	-1964 Sep 08 j 17:10	30°℞♌		
asc. node	-1964 Sep 14 j 07:02	24°♌05'01		
morning rise	-1964 Sep 14 j 18:39	23°♌46'13		
direct	-1964 Sep 17 j 22:26	22°♌48'49		
morning max el	-1964 Sep 24 j 22:09	26°♌45'19	19°05'37	
	-1964 Sep 27 j 18:39	0°♍		
morning set	-1964 Oct 17 j 09:30	29°♍22'03		
	-1964 Oct 17 j 19:10	0°♎		
desc. node	-1964 Oct 25 j 07:46	11°♎48'36		
max. Earth dist.	-1964 Nov 01 j 02:47	22°♎29'22	1.44751 AU	
superior conj	-1964 Nov 03 j 00:18	25°♎29'04	0°-54'-7	
minimum elong	-1964 Nov 02 j 17:45	25°♎03'11	0°53'22	
	-1964 Nov 05 j 20:40	0°♏		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening rise	-1964 Nov 18 j 03:54	19°♏50'01	
	-1964 Nov 24 j 09:03	0°♐	
evening max el	-1964 Dec 08 j 07:28	20°♐09'28	18°37'59
asc. node	-1964 Dec 11 j 06:15	22°♐38'50	
retrograde	-1964 Dec 14 j 23:31	23°♐52'54	
evening set	-1964 Dec 17 j 23:44	23°♐01'57	
inferior conj	-1964 Dec 23 j 21:34	17°♐22'25	3°27'34
minimum elong	-1964 Dec 23 j 18:50	17°♐30'35	3°27'00
min. Earth dist.	-1964 Dec 25 j 18:57	15°♐07'08	0.64785 AU
morning rise	-1964 Dec 29 j 12:44	11°♐15'18	
direct	-1963 Jan 05 j 07:04	8°♐24'22	
morning max el	-1963 Jan 18 j 14:54	16°♐06'44	27°09'42
desc. node	-1963 Jan 21 j 07:03	18°♐55'39	
	-1963 Jan 30 j 03:36	0°♑	
	-1963 Feb 17 j 22:09	0°♒	
morning set	-1963 Feb 23 j 02:05	9°♒41'39	
max. Earth dist.	-1963 Feb 27 j 19:06	19°♒04'44	1.34008 AU
superior conj	-1963 Mar 03 j 07:23	26°♒21'59	0°-58'-46
minimum elong	-1963 Mar 03 j 10:01	26°♒35'53	0°58'20
	-1963 Mar 05 j 00:41	0°♓	
asc. node	-1963 Mar 09 j 05:36	8°♓55'02	
evening rise	-1963 Mar 10 j 16:52	12°♓00'01	
	-1963 Mar 20 j 01:32	0°♈	
evening max el	-1963 Mar 31 j 07:20	15°♈05'02	21°50'23
retrograde	-1963 Apr 12 j 18:33	21°♈08'58	
evening set	-1963 Apr 15 j 10:13	20°♈53'13	
desc. node	-1963 Apr 19 j 06:11	19°♈40'31	
inferior conj	-1963 Apr 24 j 19:03	16°♈49'09	-1°-32'-34
minimum elong	-1963 Apr 24 j 14:49	16°♈55'06	1°31'08
min. Earth dist.	-1963 Apr 24 j 12:06	16°♈58'56	0.55120 AU
morning rise	-1963 May 03 j 20:31	12°♈51'28	
direct	-1963 May 06 j 17:36	12°♈33'07	
morning max el	-1963 May 18 j 21:00	18°♈16'28	21°40'29
	-1963 May 28 j 05:02	0°♉	
asc. node	-1963 Jun 05 j 04:56	14°♉17'58	
morning set	-1963 Jun 08 j 10:13	20°♉49'53	
	-1963 Jun 12 j 19:08	0°♊	
superior conj	-1963 Jun 15 j 19:37	6°♊20'26	1°31'25
minimum elong	-1963 Jun 15 j 17:09	6°♊07'35	1°31'11
max. Earth dist.	-1963 Jun 19 j 11:21	13°♊51'35	1.34927 AU
evening rise	-1963 Jun 24 j 01:34	22°♊54'55	
	-1963 Jun 27 j 20:26	0°♋	
desc. node	-1963 Jul 16 j 05:25	29°♋28'26	
	-1963 Jul 16 j 14:34	0°♌	
evening max el	-1963 Jul 29 j 04:57	14°♌59'09	26°51'45
retrograde	-1963 Aug 11 j 07:25	22°♌17'37	
evening set	-1963 Aug 18 j 01:30	19°♌32'02	
min. Earth dist.	-1963 Aug 22 j 00:14	15°♌31'56	0.65587 AU
inferior conj	-1963 Aug 23 j 20:06	13°♌23'20	-2°-38'-53
minimum elong	-1963 Aug 23 j 23:47	13°♌12'31	2°37'36
morning rise	-1963 Aug 29 j 23:20	7°♌41'01	
asc. node	-1963 Sep 01 j 04:07	6°♌58'45	
direct	-1963 Sep 01 j 19:24	6°♌56'30	
morning max el	-1963 Sep 08 j 10:13	10°♌34'16	18°24'38
	-1963 Sep 22 j 00:06	0°♍	
morning set	-1963 Sep 27 j 19:57	9°♍29'08	
	-1963 Oct 10 j 14:15	0°♎	
desc. node	-1963 Oct 12 j 04:48	2°♎32'29	
superior conj	-1963 Oct 13 j 00:17	3°♎49'27	0°-5'-15
minimum elong	-1963 Oct 12 j 23:36	3°♎46'44	0°05'10
behind sun begin	-1963 Oct 12 j 12:51	3°♎04'19	
behind sun end	-1963 Oct 13 j 10:20	4°♎29'08	
max. Earth dist.	-1963 Oct 14 j 20:58	6°♎45'37	1.44900 AU
evening rise	-1963 Oct 29 j 11:08	29°♎40'07	
	-1963 Oct 29 j 16:12	0°♏	
greatest brilliancy	-1963 Nov 11 j 23:44	20°♏42'29	-0.7m
	-1963 Nov 18 j 14:10	0°♐	
evening max el	-1963 Nov 21 j 16:31	3°♐35'35	19°19'14
asc. node	-1963 Nov 28 j 03:18	7°♐39'09	
retrograde	-1963 Nov 28 j 19:24	7°♐41'42	
evening set	-1963 Dec 02 j 02:15	6°♐38'44	
inferior conj	-1963 Dec 07 j 18:18	0°♐43'52	2°53'45
minimum elong	-1963 Dec 07 j 15:20	0°♐53'24	2°52'54
	-1963 Dec 08 j 07:58	30°℞♏	
min. Earth dist.	-1963 Dec 09 j 01:27	29°♏04'03	0.66006 AU
morning rise	-1963 Dec 13 j 03:34	24°♏31'16	
direct	-1963 Dec 19 j 10:22	21°♏46'30	
morning max el	-1962 Jan 01 j 00:24	29°♏11'32	26°10'00
	-1962 Jan 01 j 19:24	0°♐	
desc. node	-1962 Jan 08 j 04:06	7°♐19'52	
	-1962 Jan 23 j 23:43	0°♑	
morning set	-1962 Feb 06 j 03:52	22°♑43'13	
	-1962 Feb 09 j 23:45	0°♒	
max. Earth dist.	-1962 Feb 10 j 05:08	0°♒26'10	1.35381 AU
superior conj	-1962 Feb 15 j 04:37	10°♒21'35	-1°-22'-19
minimum elong	-1962 Feb 15 j 08:00	10°♒38'49	1°21'53
evening rise	-1962 Feb 23 j 00:21	26°♒29'38	
asc. node	-1962 Feb 24 j 02:39	28°♒43'46	
	-1962 Feb 24 j 17:43	0°♓	
evening max el	-1962 Mar 13 j 11:46	26°♓17'19	20°28'22
	-1962 Mar 18 j 12:47	0°♈	
retrograde	-1962 Mar 24 j 08:13	1°♈28'32	
evening set	-1962 Mar 26 j 13:33	1°♈16'23	
	-1962 Mar 30 j 13:37	30°℞♓	
inferior conj	-1962 Apr 04 j 14:40	27°♓18'48	0°25'40
minimum elong	-1962 Apr 04 j 15:50	27°♓17'06	0°25'15
min. Earth dist.	-1962 Apr 06 j 02:11	26°♓26'59	0.55290 AU
desc. node	-1962 Apr 06 j 03:12	26°♓25'31	
morning rise	-1962 Apr 13 j 16:02	23°♓01'25	
direct	-1962 Apr 17 j 05:59	22°♓33'30	
morning max el	-1962 Apr 30 j 16:41	29°♓08'04	23°17'52
	-1962 May 01 j 14:03	0°♈	
	-1962 May 21 j 01:55	0°♉	
asc. node	-1962 May 23 j 02:00	4°♉05'40	
morning set	-1962 May 23 j 21:33	5°♉47'33	
superior conj	-1962 May 31 j 01:21	21°♉05'04	1°15'00
minimum elong	-1962 May 30 j 22:47	20°♉51'23	1°14'38
max. Earth dist.	-1962 Jun 02 j 10:25	26°♉08'10	1.33761 AU
	-1962 Jun 04 j 06:49	0°♊	
evening rise	-1962 Jun 07 j 16:52	6°♊56'33	
	-1962 Jun 20 j 09:51	0°♋	
desc. node	-1962 Jul 03 j 02:26	18°♋35'24	
evening max el	-1962 Jul 11 j 16:13	28°♋16'08	27°21'29
	-1962 Jul 13 j 13:45	0°♌	
retrograde	-1962 Jul 25 j 05:18	5°♌38'01	
evening set	-1962 Aug 01 j 07:46	2°♌54'19	
	-1962 Aug 04 j 12:45	30°℞♋	
min. Earth dist.	-1962 Aug 05 j 00:19	29°♋30'14	0.64228 AU
inferior conj	-1962 Aug 07 j 09:38	26°♋57'04	-3°-26'-15
minimum elong	-1962 Aug 07 j 13:54	26°♋45'39	3°25'04
morning rise	-1962 Aug 13 j 21:50	21°♋30'49	
direct	-1962 Aug 16 j 12:40	20°♋55'44	
asc. node	-1962 Aug 19 j 01:11	21°♋28'23	
morning max el	-1962 Aug 23 j 01:08	24°♋23'06	18°00'44
	-1962 Aug 27 j 14:29	0°♌	
morning set	-1962 Sep 09 j 09:46	20°♌55'32	
	-1962 Sep 14 j 18:20	0°♍	
superior conj	-1962 Sep 22 j 13:21	12°♍51'56	0°41'33

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-1962 Sep 22 j 17:46	13°♍09'52	0°40'59
max. Earth dist.	-1962 Sep 27 j 14:20	20°♍57'55	1.44329 AU
desc. node	-1962 Sep 29 j 01:49	23°♍18'38	
	-1962 Oct 03 j 07:54	0°♎	
evening rise	-1962 Oct 08 j 22:21	8°♎41'47	
	-1962 Oct 22 j 23:30	0°♏	
greatest brilliancy	-1962 Oct 29 j 06:12	8°♏57'53	-0.6m
evening max el	-1962 Nov 04 j 20:51	17°♏03'05	20°15'49
retrograde	-1962 Nov 12 j 16:46	21°♏39'16	
asc. node	-1962 Nov 15 j 00:20	21°♏08'24	
evening set	-1962 Nov 16 j 08:24	20°♏21'54	
inferior conj	-1962 Nov 21 j 20:30	14°♏14'55	2°11'57
minimum elong	-1962 Nov 21 j 17:53	14°♏23'43	2°11'00
min. Earth dist.	-1962 Nov 22 j 14:55	13°♏13'03	0.66857 AU
morning rise	-1962 Nov 27 j 02:48	7°♏59'20	
direct	-1962 Dec 02 j 19:09	5°♏30'15	
morning max el	-1962 Dec 14 j 08:53	12°♏23'44	24°51'56
desc. node	-1962 Dec 26 j 01:08	26°♏30'17	
	-1962 Dec 28 j 13:49	0°♐	
	-1961 Jan 16 j 17:53	0°♑	
morning set	-1961 Jan 19 j 11:10	4°♑45'22	
max. Earth dist.	-1961 Jan 23 j 04:31	11°♑29'03	1.37179 AU
superior conj	-1961 Jan 29 j 15:58	23°♑47'21	-1°-42'00
minimum elong	-1961 Jan 29 j 19:20	24°♑03'50	1°41'44
	-1961 Feb 01 j 19:24	0°♒	
evening rise	-1961 Feb 07 j 02:37	10°♒37'45	
asc. node	-1961 Feb 10 j 23:40	18°♒14'45	
	-1961 Feb 17 j 16:43	0°♓	
evening max el	-1961 Feb 24 j 03:12	8°♓06'54	19°23'36
retrograde	-1961 Mar 05 j 07:10	12°♓29'33	
evening set	-1961 Mar 07 j 13:15	12°♓14'53	
inferior conj	-1961 Mar 15 j 22:00	8°♓07'32	2°08'38
minimum elong	-1961 Mar 16 j 02:30	8°♓00'09	2°07'19
min. Earth dist.	-1961 Mar 18 j 16:59	6°♓18'10	0.56368 AU
morning rise	-1961 Mar 24 j 11:57	3°♓19'45	
desc. node	-1961 Mar 24 j 00:15	3°♓30'28	
direct	-1961 Mar 29 j 04:44	2°♓29'21	
morning max el	-1961 Apr 12 j 07:32	9°♓40'23	24°56'57
	-1961 Apr 27 j 12:28	0°♈	
morning set	-1961 May 08 j 09:40	20°♈48'16	
asc. node	-1961 May 09 j 23:02	24°♈06'24	
	-1961 May 12 j 16:34	0°♉	
superior conj	-1961 May 15 j 10:52	6°♉00'45	0°54'54
minimum elong	-1961 May 15 j 08:43	5°♉49'02	0°54'32
max. Earth dist.	-1961 May 16 j 17:42	8°♉48'00	1.32974 AU
evening rise	-1961 May 22 j 17:06	21°♉25'04	
	-1961 May 27 j 01:02	0°♊	
	-1961 Jun 14 j 10:35	0°♋	
desc. node	-1961 Jun 19 j 23:27	6°♋50'56	
evening max el	-1961 Jun 24 j 01:07	11°♋06'10	27°21'16
retrograde	-1961 Jul 07 j 20:41	18°♋26'27	
evening set	-1961 Jul 15 j 00:27	15°♋57'53	
min. Earth dist.	-1961 Jul 18 j 14:26	13°♋02'38	0.62518 AU
inferior conj	-1961 Jul 21 j 12:41	10°♋15'13	-4°-4'-55
minimum elong	-1961 Jul 21 j 16:31	10°♋06'02	4°04'13
morning rise	-1961 Jul 28 j 10:59	5°♋08'18	
direct	-1961 Jul 30 j 23:02	4°♋39'55	
asc. node	-1961 Aug 05 j 22:15	7°♋23'13	
morning max el	-1961 Aug 06 j 16:07	8°♋05'01	17°54'56
	-1961 Aug 20 j 23:46	0°♌	
morning set	-1961 Aug 22 j 21:45	3°♌25'32	
superior conj	-1961 Sep 03 j 04:34	23°♌12'08	1°16'54
minimum elong	-1961 Sep 03 j 09:49	23°♌34'28	1°16'21
	-1961 Sep 07 j 05:49	0°♍	
max. Earth dist.	-1961 Sep 10 j 04:22	4°♍49'28	1.43112 AU
desc. node	-1961 Sep 15 j 22:49	14°♍03'35	
evening rise	-1961 Sep 18 j 04:18	17°♍33'12	
	-1961 Sep 26 j 07:31	0°♎	
greatest brilliancy	-1961 Oct 13 j 17:07	24°♎37'41	-0.4m
	-1961 Oct 18 j 07:33	0°♏	
evening max el	-1961 Oct 18 j 19:18	0°♏30'30	21°24'56
retrograde	-1961 Oct 27 j 13:36	5°♏42'36	
evening set	-1961 Oct 31 j 16:11	4°♏08'27	
asc. node	-1961 Nov 01 j 21:22	3°♏04'09	
	-1961 Nov 04 j 12:21	30°℞♎	
inferior conj	-1961 Nov 06 j 01:57	27°♎52'40	1°24'24
minimum elong	-1961 Nov 06 j 00:06	27°♎59'00	1°23'38
min. Earth dist.	-1961 Nov 06 j 08:59	27°♎28'26	0.67359 AU
morning rise	-1961 Nov 11 j 07:43	21°♎36'35	
direct	-1961 Nov 16 j 08:38	19°♎28'29	
morning max el	-1961 Nov 26 j 17:54	25°♎39'48	23°25'32
	-1961 Nov 30 j 16:32	0°♏	
greatest brilliancy	-1961 Dec 02 j 09:08	2°♏02'16	-0.2m
desc. node	-1961 Dec 12 j 22:11	16°♏13'27	
	-1961 Dec 22 j 03:14	0°♐	
morning set	-1961 Dec 31 j 17:46	15°♐31'41	
max. Earth dist.	-1960 Jan 05 j 00:00	22°♐49'50	1.39240 AU
	-1960 Jan 09 j 00:48	0°♑	
superior conj	-1960 Jan 12 j 13:24	6°♑28'20	-1°-55'-9
minimum elong	-1960 Jan 12 j 15:28	6°♑37'59	1°55'07
evening rise	-1960 Jan 21 j 21:03	24°♑17'40	
	-1960 Jan 24 j 20:26	0°♒	
asc. node	-1960 Jan 28 j 20:41	7°♒21'47	
evening max el	-1960 Feb 07 j 04:07	20°♒30'58	18°38'32
retrograde	-1960 Feb 15 j 00:18	24°♒19'48	
evening set	-1960 Feb 17 j 10:06	23°♒59'30	
inferior conj	-1960 Feb 25 j 01:08	19°♒33'07	3°17'04
minimum elong	-1960 Feb 25 j 05:09	19°♒25'24	3°16'17
min. Earth dist.	-1960 Feb 28 j 10:02	16°♒59'36	0.58095 AU
morning rise	-1960 Mar 03 j 20:24	14°♒16'00	
direct	-1960 Mar 09 j 16:33	12°♒50'59	
desc. node	-1960 Mar 09 j 21:19	12°♒51'05	
morning max el	-1960 Mar 23 j 23:56	20°♒22'41	26°22'46
	-1960 Apr 01 j 06:19	0°♓	
	-1960 Apr 19 j 01:28	0°♈	
morning set	-1960 Apr 21 j 20:54	5°♈46'21	
asc. node	-1960 Apr 25 j 20:05	14°♈15'24	
superior conj	-1960 Apr 28 j 22:19	21°♈01'12	0°32'06
minimum elong	-1960 Apr 28 j 20:56	20°♈53'40	0°31'50
max. Earth dist.	-1960 Apr 29 j 05:50	21°♈42'25	1.32549 AU
	-1960 May 03 j 01:20	0°♉	
evening rise	-1960 May 05 j 23:22	6°♉10'53	
	-1960 May 18 j 15:41	0°♊	
evening max el	-1960 Jun 05 j 04:55	23°♊16'49	26°48'01
desc. node	-1960 Jun 05 j 20:28	23°♊53'16	
	-1960 Jun 15 j 11:50	0°♋	
retrograde	-1960 Jun 19 j 04:36	0°♋34'27	
	-1960 Jun 22 j 19:25	30°℞♊	
evening set	-1960 Jun 25 j 23:14	28°♊34'24	
min. Earth dist.	-1960 Jun 29 j 18:24	25°♊54'38	0.60542 AU
inferior conj	-1960 Jul 03 j 01:47	23°♊09'04	-4°-28'-48
minimum elong	-1960 Jul 03 j 03:39	23°♊05'10	4°28'39
morning rise	-1960 Jul 10 j 11:11	18°♊24'15	
direct	-1960 Jul 12 j 22:30	18°♊00'37	
morning max el	-1960 Jul 20 j 04:21	21°♊33'03	18°08'15
asc. node	-1960 Jul 22 j 19:19	24°♊28'01	
	-1960 Jul 26 j 16:18	0°♋	
morning set	-1960 Aug 05 j 02:14	16°♋43'25	
	-1960 Aug 12 j 05:54	0°♌	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-1960 Aug 14 j 22:31	4°♌52'01	1°38'22
minimum elong	-1960 Aug 15 j 01:53	5°♌07'08	1°38'11
max. Earth dist.	-1960 Aug 22 j 13:01	18°♌04'28	1.41405 AU
evening rise	-1960 Aug 27 j 23:43	27°♌03'20	
	-1960 Aug 29 j 19:46	0°♍	
desc. node	-1960 Sep 01 j 19:49	4°♍43'58	
	-1960 Sep 19 j 01:20	0°♎	
greatest brilliancy	-1960 Sep 25 j 14:56	8°♎29'58	-0.3m
evening max el	-1960 Sep 30 j 12:00	13°♎57'57	22°42'29
retrograde	-1960 Oct 10 j 08:19	19°♎48'47	
evening set	-1960 Oct 14 j 23:50	17°♎56'06	
asc. node	-1960 Oct 18 j 18:27	13°♎45'31	
inferior conj	-1960 Oct 20 j 08:45	11°♎35'02	0°32'53
minimum elong	-1960 Oct 20 j 07:59	11°♎37'41	0°32'32
min. Earth dist.	-1960 Oct 20 j 05:16	11°♎47'02	0.67542 AU
morning rise	-1960 Oct 25 j 16:05	5°♎20'57	
direct	-1960 Oct 30 j 02:02	3°♎35'18	
morning max el	-1960 Nov 08 j 06:39	9°♎01'26	21°59'46
greatest brilliancy	-1960 Nov 13 j 01:23	14°♎26'21	-0.4m
	-1960 Nov 24 j 12:00	0°♏	
desc. node	-1960 Nov 28 j 19:12	6°♏19'26	
morning set	-1960 Dec 10 j 19:19	24°♏53'14	
	-1960 Dec 13 j 23:05	0°♐	
max. Earth dist.	-1960 Dec 16 j 22:56	4°♐56'59	1.41303 AU
superior conj	-1960 Dec 24 j 15:38	18°♐10'08	-1°-58'-12
minimum elong	-1960 Dec 24 j 14:39	18°♐05'45	1°58'14
	-1960 Dec 31 j 05:01	0°♑	
evening rise	-1959 Jan 04 j 04:20	7°♑20'37	
asc. node	-1959 Jan 14 j 17:43	25°♑56'10	
	-1959 Jan 17 j 13:53	0°♒	
evening max el	-1959 Jan 20 j 11:47	3°♒20'45	18°13'35
retrograde	-1959 Jan 27 j 11:37	6°♒51'39	
evening set	-1959 Jan 30 j 01:01	6°♒24'15	
inferior conj	-1959 Feb 06 j 00:42	1°♒36'17	3°50'25
minimum elong	-1959 Feb 06 j 02:21	1°♒32'36	3°50'14
	-1959 Feb 07 j 19:43	30°℞♑	
min. Earth dist.	-1959 Feb 09 j 08:17	28°♑40'28	0.60122 AU
morning rise	-1959 Feb 13 j 00:36	25°♑57'23	
direct	-1959 Feb 19 j 16:16	23°♑54'14	
desc. node	-1959 Feb 24 j 18:23	25°♑01'07	
	-1959 Mar 04 j 04:20	0°♒	
morning max el	-1959 Mar 05 j 22:00	1°♒37'27	27°21'25
	-1959 Mar 26 j 10:39	0°♓	
morning set	-1959 Apr 06 j 05:29	20°♓34'51	
	-1959 Apr 10 j 15:57	0°♈	
asc. node	-1959 Apr 12 j 17:07	4°♈27'43	
superior conj	-1959 Apr 13 j 09:57	5°♈59'50	0°07'25
minimum elong	-1959 Apr 13 j 09:37	5°♈58'00	0°07'21
behind sun begin	-1959 Apr 13 j 05:09	5°♈33'31	
behind sun end	-1959 Apr 13 j 14:05	6°♈22'30	
max. Earth dist.	-1959 Apr 12 j 18:59	4°♈37'52	1.32467 AU
evening rise	-1959 Apr 20 j 09:16	21°♈05'25	
	-1959 Apr 24 j 18:07	0°♉	
	-1959 May 13 j 16:11	0°♊	
evening max el	-1959 May 18 j 02:01	4°♊43'02	25°44'00
desc. node	-1959 May 23 j 17:31	9°♊12'42	
retrograde	-1959 Jun 01 j 03:41	11°♊56'26	
evening set	-1959 Jun 07 j 00:19	10°♊34'16	
min. Earth dist.	-1959 Jun 11 j 14:17	7°♊52'05	0.58491 AU
inferior conj	-1959 Jun 14 j 21:21	5°♊29'10	-4°-28'-43
minimum elong	-1959 Jun 14 j 19:33	5°♊32'28	4°28'36
morning rise	-1959 Jun 22 j 18:39	1°♊07'03	
direct	-1959 Jun 25 j 06:28	0°♊47'02	
morning max el	-1959 Jul 03 j 10:56	4°♊38'57	18°41'40
asc. node	-1959 Jul 09 j 16:24	12°♊28'00	
	-1959 Jul 19 j 10:57	0°♋	
morning set	-1959 Jul 19 j 18:40	0°♋37'29	
superior conj	-1959 Jul 28 j 14:05	17°♋37'27	1°47'31
minimum elong	-1959 Jul 28 j 15:02	17°♋41'56	1°47'33
	-1959 Aug 04 j 08:35	0°♌	
max. Earth dist.	-1959 Aug 04 j 16:26	0°♌34'43	1.39441 AU
evening rise	-1959 Aug 08 j 19:32	7°♌43'12	
desc. node	-1959 Aug 19 j 16:51	25°♌16'05	
	-1959 Aug 22 j 20:02	0°♍	
evening max el	-1959 Sep 13 j 00:39	27°♍27'59	24°02'54
	-1959 Sep 15 j 18:36	0°♎	
retrograde	-1959 Sep 23 j 23:50	3°♎55'09	
evening set	-1959 Sep 29 j 05:40	1°♎43'36	
	-1959 Sep 30 j 23:43	30°℞♍	
min. Earth dist.	-1959 Oct 04 j 01:27	26°♍07'43	0.67416 AU
inferior conj	-1959 Oct 04 j 15:12	25°♍21'05	0°-20'-56
minimum elong	-1959 Oct 04 j 15:42	25°♍19'23	0°20'45
asc. node	-1959 Oct 05 j 15:31	23°♍59'22	
morning rise	-1959 Oct 10 j 01:58	19°♍11'45	
direct	-1959 Oct 13 j 22:31	17°♍47'10	
morning max el	-1959 Oct 22 j 01:58	22°♍32'14	20°41'52
greatest brilliancy	-1959 Oct 28 j 03:11	29°♍42'20	-0.5m
	-1959 Oct 28 j 08:34	0°♎	
desc. node	-1959 Nov 15 j 16:14	26°♎42'10	
	-1959 Nov 17 j 19:42	0°♏	
morning set	-1959 Nov 19 j 21:25	3°♏12'30	
max. Earth dist.	-1959 Nov 29 j 04:48	17°♏57'19	1.43080 AU
superior conj	-1959 Dec 05 j 17:17	28°♏40'57	-1°-46'-55
minimum elong	-1959 Dec 05 j 12:00	28°♏18'50	1°46'38
	-1959 Dec 06 j 12:08	0°♐	
evening rise	-1959 Dec 17 j 20:33	19°♐39'00	
	-1959 Dec 23 j 17:46	0°♑	
asc. node	-1958 Jan 01 j 14:46	13°♑48'10	
evening max el	-1958 Jan 03 j 23:20	16°♑28'49	18°08'18
retrograde	-1958 Jan 10 j 13:18	19°♑55'29	
evening set	-1958 Jan 13 j 06:14	19°♑19'58	
inferior conj	-1958 Jan 19 j 17:43	14°♑10'43	3°56'07
minimum elong	-1958 Jan 19 j 17:01	14°♑12'31	3°56'03
min. Earth dist.	-1958 Jan 22 j 14:36	11°♑16'39	0.62140 AU
morning rise	-1958 Jan 26 j 01:36	8°♑17'33	
direct	-1958 Feb 02 j 01:55	5°♑44'04	
desc. node	-1958 Feb 11 j 15:27	9°♑39'18	
morning max el	-1958 Feb 16 j 02:06	13°♑32'38	27°44'46
	-1958 Mar 01 j 07:59	0°♒	
	-1958 Mar 18 j 20:02	0°♓	
morning set	-1958 Mar 21 j 09:22	5°♓06'26	
max. Earth dist.	-1958 Mar 27 j 05:09	17°♓20'06	1.32745 AU
superior conj	-1958 Mar 28 j 20:08	20°♓50'53	0°-18'-21
minimum elong	-1958 Mar 28 j 20:59	20°♓55'29	0°18'11
asc. node	-1958 Mar 30 j 14:09	24°♓39'17	
	-1958 Apr 02 j 01:14	0°♈	
evening rise	-1958 Apr 04 j 20:52	6°♈01'38	
	-1958 Apr 17 j 15:32	0°♉	
evening max el	-1958 Apr 29 j 18:01	15°♉33'58	24°17'53
desc. node	-1958 May 10 j 14:34	22°♉12'45	
retrograde	-1958 May 13 j 15:34	22°♉33'59	
evening set	-1958 May 18 j 03:54	21°♉48'21	
min. Earth dist.	-1958 May 24 j 05:40	18°♉47'48	0.56677 AU
inferior conj	-1958 May 26 j 20:56	17°♉07'52	-3°-53'-9
minimum elong	-1958 May 26 j 15:16	17°♉16'53	3°52'04
morning rise	-1958 Jun 04 j 06:35	13°♉04'19	
direct	-1958 Jun 06 j 19:39	12°♉46'53	
morning max el	-1958 Jun 16 j 08:57	17°♉12'46	19°35'41
	-1958 Jun 25 j 21:14	0°♊	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-1958 Jun 26 j 13:28	1°♊10'07		
morning set	-1958 Jul 03 j 19:29	14°♊58'06		
	-1958 Jul 11 j 07:03	0°♋		
superior conj	-1958 Jul 11 j 21:31	1°♋11'28	1°46'54	
minimum elong	-1958 Jul 11 j 20:33	1°♋06'41	1°46'54	
max. Earth dist.	-1958 Jul 17 j 18:57	12°♋30'15	1.37492 AU	
evening rise	-1958 Jul 21 j 16:12	19°♋35'30		
	-1958 Jul 27 j 17:00	0°♌		
desc. node	-1958 Aug 06 j 13:53	15°♌34'24		
	-1958 Aug 16 j 22:14	0°♍		
evening max el	-1958 Aug 26 j 11:48	11°♍01'19	25°19'15	
retrograde	-1958 Sep 07 j 11:03	17°♍56'31		
evening set	-1958 Sep 13 j 07:51	15°♍27'51		
min. Earth dist.	-1958 Sep 17 j 19:01	10°♍27'41	0.66976 AU	
inferior conj	-1958 Sep 18 j 19:32	9°♍07'51	-1°-15'-35	
minimum elong	-1958 Sep 18 j 21:22	9°♍01'51	1°14'49	
asc. node	-1958 Sep 22 j 12:35	4°♍43'08		
morning rise	-1958 Sep 24 j 11:27	3°♍06'16		
direct	-1958 Sep 27 j 20:40	1°♍59'55		
morning max el	-1958 Oct 05 j 04:39	6°♍11'41	19°36'25	
greatest brilliancy	-1958 Oct 13 j 18:32	17°♍06'36	-0.7m	
	-1958 Oct 22 j 09:26	0°♎		
morning set	-1958 Oct 29 j 20:24	11°♎30'28		
desc. node	-1958 Nov 02 j 13:16	17°♎16'02		
	-1958 Nov 10 j 15:59	0°♏		
max. Earth dist.	-1958 Nov 11 j 17:29	1°♏40'59	1.44334 AU	
superior conj	-1958 Nov 15 j 15:45	7°♏56'55	-1°-18'-10	
minimum elong	-1958 Nov 15 j 08:03	7°♏26'02	1°17'25	
	-1958 Nov 29 j 01:59	0°♐		
evening rise	-1958 Nov 29 j 17:10	1°♐03'43		
evening max el	-1958 Dec 18 j 11:55	29°♐48'05	18°22'00	
	-1958 Dec 18 j 16:39	0°♑		
asc. node	-1958 Dec 19 j 11:48	0°♑45'15		
retrograde	-1958 Dec 25 j 00:52	3°♑22'12		
evening set	-1958 Dec 27 j 22:07	2°♑37'16		
	-1958 Dec 31 j 08:18	30°℞♐		
inferior conj	-1957 Jan 03 j 00:14	27°♐08'19	3°42'08	
minimum elong	-1957 Jan 02 j 21:59	27°♐14'41	3°41'47	
min. Earth dist.	-1957 Jan 05 j 06:27	24°♐35'13	0.63921 AU	
morning rise	-1957 Jan 08 j 20:23	21°♐05'37		
direct	-1957 Jan 15 j 19:15	18°♐16'30		
morning max el	-1957 Jan 29 j 10:11	26°♐03'22	27°31'53	
desc. node	-1957 Jan 29 j 12:30	26°♐09'10		
	-1957 Feb 02 j 02:33	0°♑		
	-1957 Feb 22 j 20:18	0°♒		
morning set	-1957 Mar 05 j 05:58	19°♒12'24		
max. Earth dist.	-1957 Mar 10 j 08:31	29°♒36'34	1.33420 AU	
	-1957 Mar 10 j 13:00	0°♓		
superior conj	-1957 Mar 13 j 03:04	5°♓28'08	0°-44'-14	
minimum elong	-1957 Mar 13 j 05:06	5°♓38'59	0°43'52	
asc. node	-1957 Mar 17 j 11:11	14°♓46'01		
evening rise	-1957 Mar 20 j 08:21	20°♓53'14		
	-1957 Mar 24 j 19:49	0°♈		
evening max el	-1957 Apr 11 j 10:16	26°♈13'41	22°43'17	
	-1957 Apr 16 j 03:23	0°♉		
retrograde	-1957 Apr 24 j 14:25	2°♉42'41		
desc. node	-1957 Apr 27 j 11:36	2°♉24'27		
evening set	-1957 Apr 27 j 19:06	2°♉20'22		
	-1957 May 03 j 16:39	30°℞♈		
min. Earth dist.	-1957 May 05 j 19:20	28°♈50'01	0.55451 AU	
inferior conj	-1957 May 07 j 02:05	28°♈05'57	-2°-34'-37	
minimum elong	-1957 May 06 j 19:50	28°♈14'55	2°32'45	
morning rise	-1957 May 15 j 23:03	24°♈10'38		
direct	-1957 May 18 j 15:42	23°♈53'41		
morning max el	-1957 May 29 j 20:20	29°♈06'42	20°49'46	
	-1957 May 30 j 18:25	0°♉		
asc. node	-1957 Jun 13 j 10:32	20°♉24'22		
morning set	-1957 Jun 18 j 02:03	29°♉38'35		
	-1957 Jun 18 j 06:13	0°♊		
superior conj	-1957 Jun 25 j 16:15	15°♊21'14	1°38'46	
minimum elong	-1957 Jun 25 j 14:08	15°♊10'20	1°38'38	
max. Earth dist.	-1957 Jun 30 j 03:18	24°♊19'16	1.35772 AU	
	-1957 Jul 03 j 01:43	0°♋		
evening rise	-1957 Jul 04 j 09:24	2°♋29'27		
	-1957 Jul 20 j 16:29	0°♌		
desc. node	-1957 Jul 24 j 10:53	5°♌32'31		
evening max el	-1957 Aug 08 j 23:17	24°♌35'39	26°23'26	
	-1957 Aug 15 j 20:03	0°♍		
retrograde	-1957 Aug 21 j 17:20	1°♍47'44		
	-1957 Aug 27 j 00:28	30°℞♌		
evening set	-1957 Aug 28 j 04:20	29°♌06'24		
min. Earth dist.	-1957 Sep 01 j 07:31	24°♌44'07	0.66202 AU	
inferior conj	-1957 Sep 02 j 19:52	22°♌52'43	-2°-9'-15	
minimum elong	-1957 Sep 02 j 22:58	22°♌43'14	2°08'04	
morning rise	-1957 Sep 08 j 18:32	17°♌02'16		
asc. node	-1957 Sep 09 j 09:40	16°♌42'57		
direct	-1957 Sep 11 j 18:48	16°♌10'38		
morning max el	-1957 Sep 18 j 13:49	19°♌58'06	18°46'05	
	-1957 Sep 26 j 07:34	0°♍		
morning set	-1957 Oct 09 j 14:53	20°♍50'32		
	-1957 Oct 15 j 09:22	0°♎		
desc. node	-1957 Oct 20 j 10:17	7°♎57'14		
superior conj	-1957 Oct 25 j 18:22	16°♎21'26	0°-33'-58	
minimum elong	-1957 Oct 25 j 13:57	16°♎03'59	0°33'25	
max. Earth dist.	-1957 Oct 25 j 11:01	15°♎52'30	1.44910 AU	
	-1957 Nov 03 j 09:42	0°♏		
evening rise	-1957 Nov 10 j 14:20	11°♏28'38		
	-1957 Nov 22 j 05:12	0°♐		
evening max el	-1957 Dec 01 j 22:58	13°♐13'09	18°53'34	
asc. node	-1957 Dec 06 j 08:50	16°♐32'52		
retrograde	-1957 Dec 08 j 18:37	17°♐04'47		
evening set	-1957 Dec 11 j 21:32	16°♐08'50		
inferior conj	-1957 Dec 17 j 16:39	10°♐22'29	3°14'22	
minimum elong	-1957 Dec 17 j 13:44	10°♐31'29	3°13'39	
min. Earth dist.	-1957 Dec 19 j 07:48	8°♐21'53	0.65355 AU	
morning rise	-1957 Dec 23 j 04:57	4°♐13'02		
direct	-1957 Dec 29 j 19:01	1°♐23'21		
morning max el	-1956 Jan 11 j 19:45	8°♐59'09	26°47'11	
desc. node	-1956 Jan 16 j 09:33	13°♐58'46		
	-1956 Jan 28 j 08:28	0°♑		
	-1956 Feb 15 j 05:46	0°♒		
morning set	-1956 Feb 16 j 15:50	2°♒41'06		
max. Earth dist.	-1956 Feb 21 j 01:35	11°♒18'31	1.34539 AU	
superior conj	-1956 Feb 25 j 04:33	19°♒43'50	-1°-9'-5	
minimum elong	-1956 Feb 25 j 07:35	19°♒59'31	1°08'38	
	-1956 Mar 01 j 02:08	0°♓		
asc. node	-1956 Mar 03 j 08:12	4°♓42'50		
evening rise	-1956 Mar 03 j 17:52	5°♓33'00		
	-1956 Mar 17 j 08:21	0°♈		
evening max el	-1956 Mar 23 j 08:56	7°♈08'04	21°13'39	
retrograde	-1956 Apr 04 j 04:14	12°♈49'38		
evening set	-1956 Apr 06 j 13:58	12°♈36'17		
desc. node	-1956 Apr 13 j 08:39	10°♈00'42		
inferior conj	-1956 Apr 15 j 21:05	8°♈37'17	0°-42'-37	
minimum elong	-1956 Apr 15 j 19:05	8°♈40'07	0°41'55	
min. Earth dist.	-1956 Apr 16 j 08:41	8°♈20'57	0.55080 AU	
morning rise	-1956 Apr 24 j 23:56	4°♈33'40		
direct	-1956 Apr 28 j 03:02	4°♈12'24		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning max el	-1956 May 10 j 20:55	10°♈17'58	22°20'49
	-1956 May 25 j 02:08	0°♉	
asc. node	-1956 May 30 j 07:34	10°♉01'39	
morning set	-1956 Jun 01 j 12:10	14°♉31'42	
superior conj	-1956 Jun 08 j 18:45	29°♉55'25	1°24'58
minimum elong	-1956 Jun 08 j 16:11	29°♉41'50	1°24'40
	-1956 Jun 08 j 19:37	0°♊	
max. Earth dist.	-1956 Jun 11 j 21:04	6°♊23'18	1.34390 AU
evening rise	-1956 Jun 16 j 17:54	16°♊09'46	
	-1956 Jun 24 j 05:05	0°♋	
desc. node	-1956 Jul 10 j 07:54	25°♋01'21	
	-1956 Jul 14 j 04:33	0°♌	
evening max el	-1956 Jul 21 j 10:58	8°♌01'52	27°07'42
retrograde	-1956 Aug 03 j 18:10	15°♌21'43	
evening set	-1956 Aug 10 j 16:38	12°♌35'34	
min. Earth dist.	-1956 Aug 14 j 12:33	8°♌51'23	0.65060 AU
inferior conj	-1956 Aug 16 j 14:03	6°♌31'40	-2°-59'-45
minimum elong	-1956 Aug 16 j 18:04	6°♌20'17	2°58'28
morning rise	-1956 Aug 22 j 20:56	0°♌55'46	
direct	-1956 Aug 25 j 14:35	0°♌15'30	
asc. node	-1956 Aug 26 j 06:45	0°♌17'57	
morning max el	-1956 Sep 01 j 03:24	3°♌47'28	18°12'20
	-1956 Sep 18 j 15:00	0°♍	
morning set	-1956 Sep 19 j 13:25	1°♍33'05	
superior conj	-1956 Oct 03 j 21:20	24°♍52'24	0°15'37
minimum elong	-1956 Oct 03 j 23:16	25°♍00'06	0°15'21
behind sun begin	-1956 Oct 03 j 19:37	24°♍45'33	
behind sun end	-1956 Oct 04 j 02:55	25°♍14'38	
desc. node	-1956 Oct 06 j 07:18	28°♍42'29	
max. Earth dist.	-1956 Oct 07 j 05:49	0°♎11'30	1.44745 AU
	-1956 Oct 07 j 02:54	0°♎	
evening rise	-1956 Oct 20 j 12:00	20°♎55'46	
	-1956 Oct 26 j 08:26	0°♏	
greatest brilliancy	-1956 Nov 06 j 05:11	16°♏23'47	-0.7m
evening max el	-1956 Nov 14 j 06:12	26°♏40'18	19°41'33
	-1956 Nov 18 j 07:55	0°♐	
retrograde	-1956 Nov 21 j 15:29	0°♐58'18	
asc. node	-1956 Nov 22 j 05:53	0°♐56'15	
	-1956 Nov 24 j 19:15	30°℞♏	
evening set	-1956 Nov 25 j 01:53	29°♏49'19	
inferior conj	-1956 Nov 30 j 16:01	23°♏48'41	2°36'53
minimum elong	-1956 Nov 30 j 13:08	23°♏58'08	2°35'57
min. Earth dist.	-1956 Dec 01 j 17:27	22°♏25'16	0.66409 AU
morning rise	-1956 Dec 05 j 23:42	17°♏34'39	
direct	-1956 Dec 12 j 00:30	14°♏55'59	
morning max el	-1956 Dec 24 j 04:58	22°♏08'49	25°38'37
	-1956 Dec 31 j 02:53	0°♐	
desc. node	-1955 Jan 02 j 06:35	2°♐44'46	
	-1955 Jan 20 j 14:49	0°♑	
morning set	-1955 Jan 29 j 10:30	15°♑19'41	
max. Earth dist.	-1955 Feb 02 j 07:06	22°♑31'05	1.36105 AU
	-1955 Feb 06 j 03:42	0°♒	
superior conj	-1955 Feb 07 j 22:01	3°♒30'25	-1°-31'-16
minimum elong	-1955 Feb 08 j 01:31	3°♒47'58	1°30'53
evening rise	-1955 Feb 15 j 23:28	19°♒54'52	
asc. node	-1955 Feb 18 j 05:13	24°♒25'00	
	-1955 Feb 21 j 02:19	0°♓	
evening max el	-1955 Mar 05 j 17:56	18°♓35'30	19°58'24
retrograde	-1955 Mar 15 j 20:42	23°♓25'11	
evening set	-1955 Mar 18 j 01:31	23°♓12'28	
inferior conj	-1955 Mar 26 j 20:11	19°♓11'50	1°12'49
minimum elong	-1955 Mar 26 j 23:14	19°♓07'11	1°11'48
min. Earth dist.	-1955 Mar 28 j 22:47	17°♓54'53	0.55653 AU
desc. node	-1955 Mar 31 j 05:41	16°♓36'37	
morning rise	-1955 Apr 04 j 18:02	14°♓42'16	
direct	-1955 Apr 08 j 18:23	14°♓06'47	
morning max el	-1955 Apr 22 j 13:54	20°♓58'25	24°00'39
	-1955 Apr 30 j 07:37	0°♈	
morning set	-1955 May 17 j 00:02	29°♈31'26	
asc. node	-1955 May 17 j 04:36	29°♈55'26	
	-1955 May 17 j 05:29	0°♉	
superior conj	-1955 May 24 j 02:21	14°♉45'31	1°06'51
minimum elong	-1955 May 23 j 23:55	14°♉32'22	1°06'29
max. Earth dist.	-1955 May 25 j 23:58	18°♉50'14	1.33383 AU
	-1955 May 31 j 08:41	0°♊	
evening rise	-1955 May 31 j 13:23	0°♊23'43	
	-1955 Jun 17 j 05:28	0°♋	
desc. node	-1955 Jun 27 j 04:55	13°♋48'25	
evening max el	-1955 Jul 03 j 21:19	21°♋07'57	27°25'11
retrograde	-1955 Jul 17 j 13:20	28°♋29'41	
evening set	-1955 Jul 24 j 17:36	25°♋50'21	
min. Earth dist.	-1955 Jul 28 j 08:17	22°♋40'07	0.63542 AU
inferior conj	-1955 Jul 30 j 23:28	19°♋59'05	-3°-44'-1
minimum elong	-1955 Jul 31 j 03:42	19°♋48'15	3°43'01
morning rise	-1955 Aug 06 j 15:52	14°♋41'02	
direct	-1955 Aug 09 j 05:16	14°♋09'07	
asc. node	-1955 Aug 13 j 03:50	15°♋25'20	
morning max el	-1955 Aug 15 j 18:45	17°♋34'13	17°56'03
	-1955 Aug 24 j 17:06	0°♌	
morning set	-1955 Sep 01 j 13:20	13°♌28'03	
	-1955 Sep 11 j 04:52	0°♍	
superior conj	-1955 Sep 13 j 20:47	4°♍25'51	0°58'14
minimum elong	-1955 Sep 14 j 02:03	4°♍47'36	0°57'37
max. Earth dist.	-1955 Sep 19 j 22:05	14°♍16'54	1.43876 AU
desc. node	-1955 Sep 23 j 04:18	19°♍28'15	
evening rise	-1955 Sep 29 j 18:35	29°♍46'27	
	-1955 Sep 29 j 22:06	0°♎	
	-1955 Oct 20 j 03:29	0°♏	
greatest brilliancy	-1955 Oct 22 j 11:32	3°♏08'39	-0.5m
evening max el	-1955 Oct 28 j 07:58	10°♏06'56	20°43'53
retrograde	-1955 Nov 05 j 12:58	14°♏58'22	
evening set	-1955 Nov 09 j 08:57	13°♏34'07	
asc. node	-1955 Nov 09 j 02:57	13°♏44'50	
inferior conj	-1955 Nov 14 j 19:50	7°♏22'40	1°52'23
minimum elong	-1955 Nov 14 j 17:30	7°♏30'37	1°51'29
min. Earth dist.	-1955 Nov 15 j 09:13	6°♏37'04	0.67103 AU
morning rise	-1955 Nov 20 j 01:37	1°♏06'24	
	-1955 Nov 21 j 12:29	30°℞♎	
direct	-1955 Nov 25 j 11:17	28°♎46'03	
	-1955 Nov 29 j 19:39	0°♏	
morning max el	-1955 Dec 06 j 13:32	5°♏23'09	24°15'43
desc. node	-1955 Dec 20 j 03:37	22°♏10'08	
	-1955 Dec 25 j 14:16	0°♐	
morning set	-1954 Jan 11 j 08:04	26°♐51'25	
	-1954 Jan 13 j 03:12	0°♑	
max. Earth dist.	-1954 Jan 15 j 03:52	3°♑36'43	1.38033 AU
superior conj	-1954 Jan 22 j 03:57	16°♑37'58	-1°-48'-34
minimum elong	-1954 Jan 22 j 06:58	16°♑52'24	1°48'24
	-1954 Jan 28 j 23:54	0°♒	
evening rise	-1954 Jan 30 j 22:44	3°♒51'34	
asc. node	-1954 Feb 05 j 02:14	13°♒46'35	
	-1954 Feb 15 j 21:29	0°♓	
evening max el	-1954 Feb 16 j 13:37	0°♓40'06	19°01'58
retrograde	-1954 Feb 25 j 03:00	4°♓46'42	
evening set	-1954 Feb 27 j 10:22	4°♓30'03	
inferior conj	-1954 Mar 07 j 11:29	0°♓15'24	2°42'14
minimum elong	-1954 Mar 07 j 16:09	0°♓07'11	2°41'02
	-1954 Mar 07 j 20:15	30°℞♒	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

min. Earth dist.	-1954 Mar 10 j 14:33	28°♒04'46	0.57038 AU
morning rise	-1954 Mar 15 j 17:53	25°♒13'55	
desc. node	-1954 Mar 18 j 02:44	24°♒29'08	
direct	-1954 Mar 20 j 22:37	24°♒09'57	
	-1954 Apr 02 j 12:44	0°♓	
morning max el	-1954 Apr 04 j 04:54	1°♓32'15	25°35'59
	-1954 Apr 24 j 04:07	0°♈	
morning set	-1954 May 01 j 12:01	14°♈32'02	
asc. node	-1954 May 04 j 01:39	20°♈00'22	
superior conj	-1954 May 08 j 12:57	29°♈44'28	0°45'31
minimum elong	-1954 May 08 j 11:06	29°♈34'18	0°45'11
	-1954 May 08 j 15:48	0°♉	
max. Earth dist.	-1954 May 09 j 09:36	1°♉37'04	1.32745 AU
evening rise	-1954 May 15 j 16:31	15°♉00'52	
	-1954 May 23 j 09:14	0°♊	
	-1954 Jun 12 j 14:22	0°♋	
desc. node	-1954 Jun 14 j 01:56	1°♋36'22	
evening max el	-1954 Jun 16 j 04:13	3°♋42'26	27°11'09
retrograde	-1954 Jun 30 j 02:05	11°♋02'36	
evening set	-1954 Jul 07 j 03:20	8°♋44'23	
min. Earth dist.	-1954 Jul 10 j 18:06	5°♋57'45	0.61696 AU
inferior conj	-1954 Jul 13 j 21:04	3°♋08'28	-4°-17'-21
minimum elong	-1954 Jul 14 j 00:18	3°♋01'10	4°16'55
	-1954 Jul 17 j 15:29	30°℞♊	
morning rise	-1954 Jul 21 j 00:02	28°♊10'55	
direct	-1954 Jul 23 j 11:23	27°♊44'54	
	-1954 Jul 29 j 00:34	0°♋	
morning max el	-1954 Jul 30 j 09:02	1°♋12'05	17°58'13
asc. node	-1954 Jul 31 j 00:54	1°♋52'18	
morning set	-1954 Aug 15 j 09:03	26°♋20'25	
	-1954 Aug 17 j 09:14	0°♌	
superior conj	-1954 Aug 25 j 23:55	15°♌21'51	1°27'38
minimum elong	-1954 Aug 26 j 04:34	15°♌42'00	1°27'15
max. Earth dist.	-1954 Sep 02 j 09:29	27°♌52'53	1.42429 AU
	-1954 Sep 03 j 16:28	0°♍	
evening rise	-1954 Sep 09 j 04:16	8°♍49'01	
desc. node	-1954 Sep 10 j 01:19	10°♍11'55	
	-1954 Sep 23 j 03:07	0°♎	
greatest brilliancy	-1954 Oct 06 j 08:58	18°♎08'03	-0.4m
evening max el	-1954 Oct 11 j 03:50	23°♎33'58	21°57'12
retrograde	-1954 Oct 20 j 09:09	29°♎02'56	
evening set	-1954 Oct 24 j 16:53	27°♎21'16	
asc. node	-1954 Oct 27 j 00:01	25°♎04'57	
inferior conj	-1954 Oct 30 j 02:07	21°♎02'44	1°02'57
minimum elong	-1954 Oct 30 j 00:42	21°♎07'37	1°02'20
min. Earth dist.	-1954 Oct 30 j 04:40	20°♎53'54	0.67473 AU
morning rise	-1954 Nov 04 j 08:16	14°♎46'52	
direct	-1954 Nov 09 j 02:41	12°♎48'12	
morning max el	-1954 Nov 18 j 23:39	18°♎40'45	22°48'23
greatest brilliancy	-1954 Nov 23 j 17:15	23°♎59'16	-0.3m
	-1954 Nov 28 j 10:14	0°♏	
desc. node	-1954 Dec 07 j 00:40	12°♏03'44	
	-1954 Dec 18 j 18:27	0°♐	
morning set	-1954 Dec 23 j 02:27	7°♐01'10	
max. Earth dist.	-1954 Dec 27 j 23:21	15°♐11'31	1.40132 AU
superior conj	-1953 Jan 04 j 17:52	28°♐55'00	-1°-57'-56
minimum elong	-1953 Jan 04 j 18:52	28°♐59'32	1°57'58
	-1953 Jan 05 j 08:07	0°♑	
evening rise	-1953 Jan 14 j 12:49	17°♑16'01	
	-1953 Jan 21 j 09:51	0°♒	
asc. node	-1953 Jan 22 j 23:17	2°♒40'37	
evening max el	-1953 Jan 30 j 17:50	13°♒16'15	18°25'34
retrograde	-1953 Feb 07 j 03:54	16°♒55'16	
evening set	-1953 Feb 09 j 15:19	16°♒32'06	
inferior conj	-1953 Feb 16 j 23:29	11°♒57'03	3°35'07
minimum elong	-1953 Feb 17 j 02:36	11°♒50'41	3°34'38
min. Earth dist.	-1953 Feb 20 j 09:35	9°♒10'47	0.58939 AU
morning rise	-1953 Feb 24 j 10:17	6°♒29'41	
direct	-1953 Mar 02 j 16:14	4°♒47'46	
desc. node	-1953 Mar 04 j 23:49	5°♒01'30	
morning max el	-1953 Mar 16 j 23:15	12°♒25'43	26°51'38
	-1953 Mar 30 j 18:40	0°♓	
morning set	-1953 Apr 15 j 22:20	29°♓26'41	
	-1953 Apr 16 j 04:42	0°♈	
asc. node	-1953 Apr 20 j 22:40	10°♈11'10	
superior conj	-1953 Apr 23 j 00:42	14°♈45'02	0°21'50
minimum elong	-1953 Apr 22 j 23:44	14°♈39'47	0°21'38
max. Earth dist.	-1953 Apr 22 j 22:29	14°♈32'56	1.32468 AU
evening rise	-1953 Apr 30 j 00:35	29°♈51'28	
	-1953 Apr 30 j 02:13	0°♉	
	-1953 May 16 j 16:05	0°♊	
evening max el	-1953 May 29 j 05:25	15°♊34'54	26°24'20
desc. node	-1953 May 31 j 23:00	17°♊59'26	
retrograde	-1953 Jun 12 j 06:40	22°♊51'10	
evening set	-1953 Jun 18 j 17:16	21°♊06'56	
min. Earth dist.	-1953 Jun 22 j 18:37	18°♊28'00	0.59660 AU
inferior conj	-1953 Jun 26 j 03:12	15°♊49'33	-4°-32'-24
minimum elong	-1953 Jun 26 j 03:41	15°♊48'36	4°32'23
morning rise	-1953 Jul 03 j 17:32	11°♊14'13	
direct	-1953 Jul 06 j 04:51	10°♊52'16	
morning max el	-1953 Jul 13 j 19:13	14°♊31'48	18°19'53
asc. node	-1953 Jul 17 j 21:58	19°♊22'15	
	-1953 Jul 24 j 11:28	0°♋	
morning set	-1953 Jul 29 j 19:09	9°♋55'09	
superior conj	-1953 Aug 08 j 03:47	27°♋31'21	1°43'36
minimum elong	-1953 Aug 08 j 06:07	27°♋42'01	1°43'31
	-1953 Aug 09 j 12:27	0°♌	
max. Earth dist.	-1953 Aug 15 j 15:30	10°♌48'11	1.40591 AU
evening rise	-1953 Aug 20 j 09:30	18°♌47'19	
	-1953 Aug 27 j 09:39	0°♍	
desc. node	-1953 Aug 27 j 22:21	0°♍49'20	
greatest brilliancy	-1953 Sep 17 j 10:45	29°♍51'50	-0.2m
	-1953 Sep 17 j 13:23	0°♎	
evening max el	-1953 Sep 23 j 18:41	7°♎02'45	23°16'46
retrograde	-1953 Oct 04 j 02:32	13°♎09'17	
evening set	-1953 Oct 08 j 23:58	11°♎08'45	
asc. node	-1953 Oct 13 j 21:06	5°♎27'37	
inferior conj	-1953 Oct 14 j 08:59	4°♎46'49	0°10'15
minimum elong	-1953 Oct 14 j 08:45	4°♎47'39	0°10'08
transit middle	-1953 Oct 14 j 08:45	4°♎47'39	0°10'08
transit begin	-1953 Oct 14 j 06:38	4°♎54'56	
transit end	-1953 Oct 14 j 10:52	4°♎40'23	
min. Earth dist.	-1953 Oct 14 j 01:15	5°♎13'24	0.67531 AU
	-1953 Oct 18 j 04:10	30°℞♍	
morning rise	-1953 Oct 19 j 17:33	28°♍34'17	
direct	-1953 Oct 23 j 21:41	26°♍57'38	
	-1953 Oct 30 j 09:06	0°♎	
morning max el	-1953 Nov 01 j 14:46	2°♎05'12	21°25'15
greatest brilliancy	-1953 Nov 06 j 19:19	8°♎03'35	-0.4m
	-1953 Nov 22 j 09:09	0°♏	
desc. node	-1953 Nov 23 j 21:44	2°♏17'35	
morning set	-1953 Dec 02 j 16:23	15°♏50'26	
max. Earth dist.	-1953 Dec 10 j 00:59	27°♏41'27	1.42112 AU
	-1953 Dec 11 j 10:31	0°♐	
superior conj	-1953 Dec 17 j 10:19	10°♐08'17	-1°-55'-25
minimum elong	-1953 Dec 17 j 07:33	9°♐56'20	1°55'23
evening rise	-1953 Dec 28 j 14:11	0°♑00'48	
	-1953 Dec 28 j 14:01	0°♑	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-1952 Jan 09 j 20:20	20°♉58'24		
evening max el	-1952 Jan 14 j 03:34	26°♉15'09	18°09'02	
retrograde	-1952 Jan 20 j 21:49	29°♉42'22		
evening set	-1952 Jan 23 j 12:50	29°♉11'29		
inferior conj	-1952 Jan 30 j 06:56	24°♉14'16	3°55'40	
minimum elong	-1952 Jan 30 j 07:31	24°♉12'54	3°55'37	
min. Earth dist.	-1952 Feb 02 j 10:45	21°♉16'39	0.60998 AU	
morning rise	-1952 Feb 05 j 23:33	18°♉28'57		
direct	-1952 Feb 12 j 20:25	16°♉11'27		
desc. node	-1952 Feb 19 j 20:52	18°♉18'51		
morning max el	-1952 Feb 26 j 23:47	23°♉56'49	27°35'56	
	-1952 Mar 03 j 11:29	0°♒		
	-1952 Mar 22 j 23:20	0°♓		
morning set	-1952 Mar 30 j 05:11	14°♓08'57		
max. Earth dist.	-1952 Apr 05 j 10:58	27°♓25'10	1.32543 AU	
superior conj	-1952 Apr 06 j 11:56	29°♓41'19	0°-3'-25	
minimum elong	-1952 Apr 06 j 12:05	29°♓42'10	0°03'24	
behind sun begin	-1952 Apr 06 j 07:08	29°♓15'06		
behind sun end	-1952 Apr 06 j 17:03	0°♈09'15		
asc. node	-1952 Apr 06 j 19:44	0°♈23'57		
	-1952 Apr 06 j 15:21	0°♈		
evening rise	-1952 Apr 13 j 11:28	14°♈47'59		
	-1952 Apr 21 j 03:20	0°♉		
evening max el	-1952 May 10 j 00:09	26°♉44'48	25°09'23	
	-1952 May 13 j 20:14	0°♊		
desc. node	-1952 May 17 j 20:00	2°♊24'27		
retrograde	-1952 May 24 j 00:50	3°♊53'10		
evening set	-1952 May 29 j 08:41	2°♊47'37		
	-1952 Jun 03 j 11:38	30°℞♉		
min. Earth dist.	-1952 Jun 03 j 12:03	29°♉59'20	0.57680 AU	
inferior conj	-1952 Jun 06 j 14:27	27°♉52'50	-4°-18'-39	
minimum elong	-1952 Jun 06 j 10:51	27°♉59'00	4°18'13	
morning rise	-1952 Jun 14 j 16:56	23°♉39'07		
direct	-1952 Jun 17 j 05:23	23°♉20'11		
morning max el	-1952 Jun 25 j 22:22	27°♉24'33	19°02'01	
	-1952 Jun 28 j 09:02	0°♊		
asc. node	-1952 Jul 03 j 19:02	7°♊41'15		
morning set	-1952 Jul 12 j 15:31	24°♊01'25		
	-1952 Jul 15 j 16:03	0°♋		
superior conj	-1952 Jul 21 j 02:42	10°♋38'50	1°48'19	
minimum elong	-1952 Jul 21 j 02:45	10°♋39'05	1°48'21	
max. Earth dist.	-1952 Jul 27 j 18:17	23°♋02'56	1.38606 AU	
evening rise	-1952 Jul 31 j 16:14	29°♋58'25		
	-1952 Jul 31 j 16:36	0°♌		
desc. node	-1952 Aug 13 j 19:23	21°♌16'05		
	-1952 Aug 19 j 17:59	0°♍		
evening max el	-1952 Sep 05 j 06:31	20°♍34'22	24°36'19	
retrograde	-1952 Sep 16 j 16:08	27°♍13'53		
evening set	-1952 Sep 22 j 04:27	24°♍54'38		
min. Earth dist.	-1952 Sep 26 j 20:29	19°♍33'51	0.67276 AU	
inferior conj	-1952 Sep 27 j 14:44	18°♍32'58	0°-44'-8	
minimum elong	-1952 Sep 27 j 15:48	18°♍29'23	0°43'41	
asc. node	-1952 Sep 29 j 18:10	15°♍46'47		
morning rise	-1952 Oct 03 j 03:30	12°♍26'44		
direct	-1952 Oct 06 j 19:03	11°♍10'14		
morning max el	-1952 Oct 14 j 13:14	15°♍39'29	20°12'18	
greatest brilliancy	-1952 Oct 21 j 10:56	24°♍03'26	-0.6m	
	-1952 Oct 25 j 16:18	0°♎		
desc. node	-1952 Nov 09 j 18:46	22°♎45'27		
morning set	-1952 Nov 10 j 14:03	23°♎59'56		
	-1952 Nov 14 j 10:38	0°♏		
max. Earth dist.	-1952 Nov 21 j 10:37	11°♏04'22	1.43692 AU	
superior conj	-1952 Nov 27 j 00:17	20°♏06'06	-1°-36'-55	
minimum elong	-1952 Nov 26 j 17:27	19°♏38'06	1°36'24	
	-1952 Dec 02 j 23:00	0°♐		
evening rise	-1952 Dec 09 j 22:37	11°♐57'11		
	-1952 Dec 20 j 14:18	0°♑		
asc. node	-1952 Dec 26 j 17:23	8°♑28'21		
evening max el	-1952 Dec 27 j 15:50	9°♑28'05	18°11'50	
retrograde	-1951 Jan 03 j 04:19	12°♑56'41		
evening set	-1951 Jan 05 j 22:59	12°♑17'14		
inferior conj	-1951 Jan 12 j 06:08	6°♑59'01	3°52'10	
minimum elong	-1951 Jan 12 j 04:40	7°♑02'57	3°52'02	
min. Earth dist.	-1951 Jan 14 j 20:50	4°♑12'17	0.62933 AU	
morning rise	-1951 Jan 18 j 08:30	1°♑01'20		
	-1951 Jan 19 j 20:08	30°℞♐		
direct	-1951 Jan 25 j 09:09	28°♐19'43		
	-1951 Jan 31 j 08:43	0°♑		
desc. node	-1951 Feb 05 j 17:56	3°♑48'28		
morning max el	-1951 Feb 08 j 05:59	6°♑08'00	27°43'42	
	-1951 Feb 26 j 09:50	0°♒		
morning set	-1951 Mar 14 j 06:17	28°♒30'09		
	-1951 Mar 15 j 00:04	0°♓		
max. Earth dist.	-1951 Mar 19 j 18:53	9°♓58'14	1.32985 AU	
superior conj	-1951 Mar 21 j 20:54	14°♓26'28	0°-29'-23	
minimum elong	-1951 Mar 21 j 22:16	14°♓33'48	0°29'07	
asc. node	-1951 Mar 24 j 16:45	20°♓33'24		
evening rise	-1951 Mar 28 j 23:12	29°♓42'28		
	-1951 Mar 29 j 02:32	0°♈		
	-1951 Apr 15 j 04:05	0°♉		
evening max el	-1951 Apr 21 j 15:14	7°♉26'14	23°37'44	
desc. node	-1951 May 04 j 17:01	14°♉14'52		
retrograde	-1951 May 05 j 06:59	14°♉15'38		
evening set	-1951 May 09 j 05:17	13°♉41'36		
min. Earth dist.	-1951 May 16 j 02:00	10°♉30'00	0.56069 AU	
inferior conj	-1951 May 18 j 05:32	9°♉12'35	-3°-25'-2	
minimum elong	-1951 May 17 j 23:01	9°♉22'26	3°23'29	
morning rise	-1951 May 26 j 20:22	5°♉14'38		
direct	-1951 May 29 j 10:36	4°♉57'46		
morning max el	-1951 Jun 08 j 15:59	9°♉41'40	20°04'54	
asc. node	-1951 Jun 20 j 16:05	26°♉37'47		
	-1951 Jun 22 j 11:27	0°♊		
morning set	-1951 Jun 26 j 19:02	8°♊31'12		
superior conj	-1951 Jul 04 j 15:26	24°♊29'34	1°44'15	
minimum elong	-1951 Jul 04 j 13:53	24°♊21'47	1°44'12	
	-1951 Jul 07 j 10:06	0°♋		
max. Earth dist.	-1951 Jul 09 j 22:42	4°♋52'47	1.36723 AU	
evening rise	-1951 Jul 13 j 22:13	12°♋18'10		
	-1951 Jul 24 j 05:53	0°♌		
desc. node	-1951 Jul 31 j 16:22	11°♌26'41		
	-1951 Aug 14 j 19:31	0°♍		
evening max el	-1951 Aug 18 j 17:31	4°♍08'14	25°48'25	
retrograde	-1951 Aug 31 j 01:19	11°♍12'07		
evening set	-1951 Sep 06 j 04:29	8°♍36'59		
min. Earth dist.	-1951 Sep 10 j 12:05	3°♍53'02	0.66691 AU	
inferior conj	-1951 Sep 11 j 17:35	2°♍19'13	-1°-38'-35	
minimum elong	-1951 Sep 11 j 19:59	2°♍11'36	1°37'37	
	-1951 Sep 13 j 14:35	30°℞♌		
asc. node	-1951 Sep 16 j 15:14	26°♌58'46		
morning rise	-1951 Sep 17 j 12:13	26°♌22'16		
direct	-1951 Sep 20 j 17:18	25°♌22'44		
morning max el	-1951 Sep 27 j 19:00	29°♌22'58	19°13'07	
	-1951 Sep 28 j 09:12	0°♍		
	-1951 Oct 19 j 02:33	0°♎		
morning set	-1951 Oct 20 j 19:19	2°♎39'21		
desc. node	-1951 Oct 27 j 15:48	13°♎23'04		
max. Earth dist.	-1951 Nov 04 j 01:54	25°♎02'49	1.44665 AU	
superior conj	-1951 Nov 06 j 12:35	28°♎54'58	-1°00'-53	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-1951 Nov 06 j 05:31	28°♎26'59	1°00'05
	-1951 Nov 07 j 04:58	0°♏	
evening rise	-1951 Nov 21 j 09:42	22°♏57'33	
	-1951 Nov 25 j 16:12	0°♐	
evening max el	-1951 Dec 11 j 03:59	22°♐49'48	18°33'13
asc. node	-1951 Dec 13 j 14:25	24°♐57'33	
retrograde	-1951 Dec 17 j 19:04	26°♐30'37	
evening set	-1951 Dec 20 j 18:25	25°♐41'21	
inferior conj	-1951 Dec 26 j 17:17	20°♐04'28	3°31'46
minimum elong	-1951 Dec 26 j 14:39	20°♐12'13	3°31'15
min. Earth dist.	-1951 Dec 28 j 16:58	17°♐44'09	0.64576 AU
morning rise	-1950 Jan 01 j 09:37	13°♐58'17	
direct	-1950 Jan 08 j 05:18	11°♐07'17	
morning max el	-1950 Jan 21 j 15:14	18°♐51'26	27°16'20
desc. node	-1950 Jan 23 j 15:01	20°♐55'28	
	-1950 Jan 31 j 03:08	0°♑	
	-1950 Feb 19 j 08:09	0°♒	
morning set	-1950 Feb 25 j 22:46	12°♒21'16	
max. Earth dist.	-1950 Mar 02 j 18:13	21°♒59'55	1.33840 AU
superior conj	-1950 Mar 06 j 01:45	28°♒54'32	0°-55'-1
minimum elong	-1950 Mar 06 j 04:15	29°♒07'42	0°54'35
	-1950 Mar 06 j 14:09	0°♓	
asc. node	-1950 Mar 11 j 13:46	10°♓35'50	
evening rise	-1950 Mar 13 j 10:02	14°♓28'57	
	-1950 Mar 21 j 08:05	0°♈	
evening max el	-1950 Apr 03 j 09:16	18°♈07'43	22°03'48
retrograde	-1950 Apr 16 j 01:31	24°♈18'50	
evening set	-1950 Apr 18 j 19:56	24°♈01'50	
desc. node	-1950 Apr 21 j 14:03	23°♈13'50	
min. Earth dist.	-1950 Apr 27 j 15:29	20°♈14'16	0.55170 AU
inferior conj	-1950 Apr 28 j 04:47	19°♈55'32	-1°-49'-44
minimum elong	-1950 Apr 27 j 23:52	20°♈02'27	1°48'06
morning rise	-1950 May 07 j 05:17	15°♈59'03	
direct	-1950 May 10 j 00:51	15°♈41'17	
morning max el	-1950 May 21 j 22:43	21°♈16'58	21°26'55
	-1950 May 29 j 06:01	0°♉	
asc. node	-1950 Jun 07 j 13:07	16°♉02'13	
morning set	-1950 Jun 11 j 03:19	23°♉17'17	
	-1950 Jun 14 j 08:29	0°♊	
superior conj	-1950 Jun 18 j 13:50	8°♊50'45	1°33'31
minimum elong	-1950 Jun 18 j 11:27	8°♊38'19	1°33'19
max. Earth dist.	-1950 Jun 22 j 10:25	16°♊44'07	1.35130 AU
evening rise	-1950 Jun 26 j 22:27	25°♊33'12	
	-1950 Jun 29 j 07:18	0°♋	
	-1950 Jul 17 j 16:29	0°♌	
desc. node	-1950 Jul 18 j 13:21	1°♌13'28	
evening max el	-1950 Aug 01 j 04:57	17°♌39'34	26°45'08
retrograde	-1950 Aug 14 j 05:33	24°♌56'53	
evening set	-1950 Aug 20 j 21:50	22°♌12'09	
min. Earth dist.	-1950 Aug 24 j 21:42	18°♌06'16	0.65758 AU
inferior conj	-1950 Aug 26 j 15:34	16°♌01'56	-2°-31'-13
minimum elong	-1950 Aug 26 j 19:07	15°♌51'24	2°29'58
morning rise	-1950 Sep 01 j 17:35	10°♌17'20	
asc. node	-1950 Sep 03 j 12:18	9°♌37'52	
direct	-1950 Sep 04 j 14:38	9°♌31'07	
morning max el	-1950 Sep 11 j 06:23	13°♌11'17	18°29'37
	-1950 Sep 23 j 06:39	0°♍	
morning set	-1950 Oct 01 j 01:28	12°♍33'42	
	-1950 Oct 11 j 22:36	0°♎	
desc. node	-1950 Oct 14 j 12:48	4°♎06'09	
superior conj	-1950 Oct 16 j 12:28	7°♎14'09	0°-12'-48
minimum elong	-1950 Oct 16 j 10:46	7°♎07'28	0°12'36
behind sun begin	-1950 Oct 16 j 03:30	6°♎38'51	
behind sun end	-1950 Oct 16 j 18:01	7°♎36'04	
max. Earth dist.	-1950 Oct 17 j 19:46	9°♎17'26	1.44927 AU
	-1950 Oct 30 j 23:48	0°♏	
evening rise	-1950 Nov 01 j 20:25	2°♏56'02	
greatest brilliancy	-1950 Nov 13 j 19:19	21°♏41'17	-0.7m
	-1950 Nov 19 j 11:13	0°♐	
evening max el	-1950 Nov 24 j 13:38	6°♐15'47	19°12'06
asc. node	-1950 Nov 30 j 11:28	10°♐10'43	
retrograde	-1950 Dec 01 j 14:27	10°♐17'50	
evening set	-1950 Dec 04 j 20:13	9°♐16'48	
inferior conj	-1950 Dec 10 j 13:00	3°♐24'10	2°59'29
minimum elong	-1950 Dec 10 j 10:02	3°♐33'37	2°58'38
min. Earth dist.	-1950 Dec 11 j 22:14	1°♐38'44	0.65850 AU
	-1950 Dec 13 j 06:35	30°℞♏	
morning rise	-1950 Dec 15 j 22:58	27°♏12'18	
direct	-1950 Dec 22 j 07:48	24°♏25'47	
	-1949 Jan 02 j 01:01	0°♐	
morning max el	-1949 Jan 04 j 00:47	1°♐54'09	26°20'16
desc. node	-1949 Jan 10 j 12:05	9°♐11'23	
	-1949 Jan 25 j 06:16	0°♑	
morning set	-1949 Feb 09 j 02:50	25°♑30'40	
	-1949 Feb 11 j 11:34	0°♒	
max. Earth dist.	-1949 Feb 13 j 06:03	3°♒26'21	1.35146 AU
superior conj	-1949 Feb 18 j 00:13	12°♒59'00	-1°-18'-57
minimum elong	-1949 Feb 18 j 03:32	13°♒15'57	1°18'30
evening rise	-1949 Feb 25 j 18:09	29°♒01'40	
asc. node	-1949 Feb 26 j 10:47	0°♓26'58	
	-1949 Feb 26 j 05:31	0°♓	
evening max el	-1949 Mar 16 j 12:15	29°♓15'38	20°39'37
	-1949 Mar 17 j 07:29	0°♈	
retrograde	-1949 Mar 27 j 14:44	4°♈34'29	
evening set	-1949 Mar 29 j 20:47	4°♈22'16	
inferior conj	-1949 Apr 07 j 23:49	0°♈25'01	0°07'58
minimum elong	-1949 Apr 08 j 00:12	0°♈24'29	0°07'50
transit middle	-1949 Apr 08 j 00:12	0°♈24'29	0°07'50
transit begin	-1949 Apr 07 j 20:39	0°♈29'35	
transit end	-1949 Apr 08 j 03:44	0°♈19'23	
desc. node	-1949 Apr 08 j 11:07	0°♈08'43	
	-1949 Apr 08 j 17:09	30°℞♓	
min. Earth dist.	-1949 Apr 09 j 05:28	29°♓42'17	0.55204 AU
morning rise	-1949 Apr 17 j 01:56	26°♓11'37	
direct	-1949 Apr 20 j 12:48	25°♓45'43	
	-1949 May 01 j 05:33	0°♈	
morning max el	-1949 May 03 j 19:32	2°♈13'17	23°02'54
	-1949 May 22 j 13:12	0°♉	
asc. node	-1949 May 25 j 10:10	5°♉47'15	
morning set	-1949 May 26 j 14:25	8°♉13'58	
superior conj	-1949 Jun 02 j 18:50	23°♉32'54	1°17'44
minimum elong	-1949 Jun 02 j 16:15	23°♉19'09	1°17'25
max. Earth dist.	-1949 Jun 05 j 08:12	28°♉57'28	1.33912 AU
	-1949 Jun 05 j 20:10	0°♊	
evening rise	-1949 Jun 10 j 12:10	9°♊29'51	
	-1949 Jun 21 j 17:26	0°♋	
desc. node	-1949 Jul 05 j 10:21	20°♋26'25	
	-1949 Jul 13 j 16:13	0°♌	
evening max el	-1949 Jul 14 j 16:29	0°♌59'30	27°18'50
retrograde	-1949 Jul 28 j 04:12	8°♌20'48	
evening set	-1949 Aug 04 j 05:47	5°♌36'13	
min. Earth dist.	-1949 Aug 07 j 23:11	2°♌06'57	0.64458 AU
	-1949 Aug 09 j 22:02	30°℞♋	
inferior conj	-1949 Aug 10 j 06:25	29°♋37'08	-3°-19'-32
minimum elong	-1949 Aug 10 j 10:39	29°♋25'38	3°18'19
morning rise	-1949 Aug 16 j 17:11	24°♋08'08	
direct	-1949 Aug 19 j 08:41	23°♋31'48	
asc. node	-1949 Aug 21 j 09:23	23°♋53'14	
morning max el	-1949 Aug 25 j 21:00	27°♋00'05	18°03'06

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1949 Aug 28 j 11:52	0°♌	
morning set	-1949 Sep 12 j 11:28	23°♌49'01	
	-1949 Sep 16 j 03:29	0°♍	
superior conj	-1949 Sep 25 j 22:19	16°♍06'30	0°35'05
minimum elong	-1949 Sep 26 j 02:14	16°♍22'18	0°34'35
max. Earth dist.	-1949 Sep 30 j 13:38	23°♍31'51	1.44463 AU
desc. node	-1949 Oct 01 j 09:47	24°♍51'46	
	-1949 Oct 04 j 16:01	0°♎	
evening rise	-1949 Oct 12 j 09:55	12°♎02'54	
	-1949 Oct 24 j 04:12	0°♏	
greatest brilliancy	-1949 Oct 31 j 20:35	11°♏09'28	-0.6m
evening max el	-1949 Nov 07 j 18:47	19°♏43'06	20°06'34
retrograde	-1949 Nov 15 j 11:44	24°♏14'12	
asc. node	-1949 Nov 17 j 08:32	23°♏54'08	
evening set	-1949 Nov 19 j 01:58	22°♏59'03	
inferior conj	-1949 Nov 24 j 14:32	16°♏53'39	2°18'43
minimum elong	-1949 Nov 24 j 11:50	17°♏02'41	2°17'45
min. Earth dist.	-1949 Nov 25 j 10:43	15°♏46'14	0.66753 AU
morning rise	-1949 Nov 29 j 21:08	10°♏38'31	
direct	-1949 Dec 05 j 15:45	8°♏06'44	
morning max el	-1949 Dec 17 j 09:21	15°♏05'22	25°04'22
desc. node	-1949 Dec 28 j 09:08	28°♏15'39	
	-1949 Dec 29 j 15:52	0°♐	
	-1948 Jan 18 j 03:19	0°♑	
morning set	-1948 Jan 22 j 13:16	7°♑42'31	
max. Earth dist.	-1948 Jan 26 j 06:53	14°♑30'38	1.36890 AU
superior conj	-1948 Feb 01 j 13:17	26°♑30'25	-1°-39'-23
minimum elong	-1948 Feb 01 j 16:44	26°♑47'22	1°39'04
	-1948 Feb 03 j 07:37	0°♒	
evening rise	-1948 Feb 09 j 21:22	13°♒13'32	
asc. node	-1948 Feb 13 j 07:49	20°♒01'05	
	-1948 Feb 18 j 19:50	0°♓	
evening max el	-1948 Feb 27 j 02:05	10°♓59'26	19°32'01
retrograde	-1948 Mar 07 j 11:38	15°♓28'37	
evening set	-1948 Mar 09 j 17:20	15°♓14'31	
inferior conj	-1948 Mar 18 j 04:43	11°♓09'11	1°55'03
minimum elong	-1948 Mar 18 j 08:58	11°♓02'21	1°53'44
min. Earth dist.	-1948 Mar 20 j 19:58	9°♓27'59	0.56161 AU
desc. node	-1948 Mar 25 j 08:12	7°♓01'32	
morning rise	-1948 Mar 26 j 21:01	6°♓26'17	
direct	-1948 Mar 31 j 09:29	5°♓40'13	
morning max el	-1948 Apr 14 j 10:41	12°♓46'25	24°42'40
	-1948 Apr 27 j 17:32	0°♈	
morning set	-1948 May 10 j 02:32	23°♈14'25	
asc. node	-1948 May 11 j 07:12	25°♈46'02	
	-1948 May 13 j 06:32	0°♉	
superior conj	-1948 May 17 j 03:56	8°♉27'04	0°58'09
minimum elong	-1948 May 17 j 01:42	8°♉14'54	0°57'47
max. Earth dist.	-1948 May 18 j 14:31	11°♉34'13	1.33071 AU
evening rise	-1948 May 24 j 11:18	23°♉54'41	
	-1948 May 27 j 12:35	0°♊	
	-1948 Jun 14 j 09:58	0°♋	
desc. node	-1948 Jun 21 j 07:23	8°♋50'35	
evening max el	-1948 Jun 26 j 01:55	13°♋54'00	27°23'18
retrograde	-1948 Jul 09 j 20:30	21°♋14'24	
evening set	-1948 Jul 17 j 00:46	18°♋42'37	
min. Earth dist.	-1948 Jul 20 j 14:45	15°♋43'54	0.62794 AU
inferior conj	-1948 Jul 23 j 11:14	12°♋57'47	-3°-59'-53
minimum elong	-1948 Jul 23 j 15:13	12°♋48'03	3°59'06
morning rise	-1948 Jul 30 j 07:58	7°♋47'52	
direct	-1948 Aug 01 j 20:21	7°♋18'35	
asc. node	-1948 Aug 07 j 06:27	9°♋35'56	
morning max el	-1948 Aug 08 j 12:11	10°♋43'17	17°54'39
	-1948 Aug 21 j 08:55	0°♌	

morning set	-1948 Aug 24 j 20:36	6°♌10'43	
superior conj	-1948 Sep 05 j 09:27	26°♌14'38	1°12'26
minimum elong	-1948 Sep 05 j 14:49	26°♌37'15	1°11'52
	-1948 Sep 07 j 15:17	0°♍	
max. Earth dist.	-1948 Sep 12 j 04:36	7°♍28'39	1.43329 AU
desc. node	-1948 Sep 17 j 06:48	15°♍37'01	
evening rise	-1948 Sep 20 j 15:31	20°♍53'00	
	-1948 Sep 26 j 14:06	0°♎	
greatest brilliancy	-1948 Oct 15 j 11:56	27°♎03'17	-0.4m
	-1948 Oct 17 j 21:23	0°♏	
evening max el	-1948 Oct 20 j 18:09	3°♏10'28	21°13'57
retrograde	-1948 Oct 29 j 08:47	8°♏17'01	
evening set	-1948 Nov 02 j 09:39	6°♏45'25	
asc. node	-1948 Nov 03 j 05:36	6°♏03'30	
inferior conj	-1948 Nov 07 j 19:39	0°♏30'35	1°31'54
minimum elong	-1948 Nov 07 j 17:40	0°♏37'24	1°31'06
min. Earth dist.	-1948 Nov 08 j 04:16	0°♏00'59	0.67305 AU
	-1948 Nov 08 j 04:33	30°℞♎	
morning rise	-1948 Nov 13 j 01:21	24°♎14'26	
direct	-1948 Nov 18 j 04:30	22°♎03'12	
morning max el	-1948 Nov 28 j 18:13	28°♎21'10	23°38'34
	-1948 Nov 30 j 07:57	0°♏	
desc. node	-1948 Dec 14 j 06:10	17°♏54'21	
	-1948 Dec 22 j 10:03	0°♐	
morning set	-1947 Jan 02 j 23:56	18°♐40'47	
max. Earth dist.	-1947 Jan 07 j 02:38	25°♐46'57	1.38928 AU
	-1947 Jan 09 j 11:33	0°♑	
superior conj	-1947 Jan 14 j 13:04	9°♑18'23	-1°-53'-44
minimum elong	-1947 Jan 14 j 15:27	9°♑29'32	1°53'40
evening rise	-1947 Jan 23 j 17:10	26°♑57'52	
	-1947 Jan 25 j 06:47	0°♒	
asc. node	-1947 Jan 30 j 04:53	9°♒12'04	
evening max el	-1947 Feb 09 j 01:41	23°♒18'07	18°43'56
retrograde	-1947 Feb 17 j 01:59	27°♒11'11	
evening set	-1947 Feb 19 j 11:08	26°♒51'53	
inferior conj	-1947 Feb 27 j 04:42	22°♒28'32	3°09'05
minimum elong	-1947 Feb 27 j 08:58	22°♒20'31	3°08'10
min. Earth dist.	-1947 Mar 02 j 12:33	20°♒00'20	0.57809 AU
morning rise	-1947 Mar 07 j 02:55	17°♒15'09	
desc. node	-1947 Mar 12 j 05:17	15°♒56'44	
direct	-1947 Mar 12 j 19:12	15°♒55'54	
morning max el	-1947 Mar 27 j 02:37	23°♒25'27	26°11'27
	-1947 Apr 02 j 00:33	0°♓	
	-1947 Apr 20 j 13:12	0°♈	
morning set	-1947 Apr 24 j 14:01	8°♈12'59	
asc. node	-1947 Apr 28 j 04:15	15°♈53'43	
superior conj	-1947 May 01 j 15:13	23°♈26'51	0°35'43
minimum elong	-1947 May 01 j 13:42	23°♈18'34	0°35'25
max. Earth dist.	-1947 May 02 j 02:09	24°♈26'43	1.32588 AU
	-1947 May 04 j 15:20	0°♉	
evening rise	-1947 May 08 j 16:48	8°♉37'59	
	-1947 May 19 j 22:38	0°♊	
desc. node	-1947 Jun 08 j 04:26	26°♊05'27	
evening max el	-1947 Jun 08 j 06:31	26°♊10'25	26°55'00
	-1947 Jun 12 j 20:59	0°♋	
retrograde	-1947 Jun 22 j 05:42	3°♋28'49	
evening set	-1947 Jun 29 j 02:31	1°♋23'34	
	-1947 Jul 01 j 04:25	30°℞♊	
min. Earth dist.	-1947 Jul 02 j 20:05	28°♊42'42	0.60843 AU
inferior conj	-1947 Jul 06 j 02:38	25°♊55'28	-4°-26'-34
minimum elong	-1947 Jul 06 j 04:55	25°♊50'35	4°26'21
morning rise	-1947 Jul 13 j 10:21	21°♊07'26	
direct	-1947 Jul 15 j 21:38	20°♊43'13	
morning max el	-1947 Jul 23 j 01:04	24°♊13'53	18°05'06

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-1947 Jul 25 j 03:31	26°♊30'57	
	-1947 Jul 27 j 18:19	0°♋	
morning set	-1947 Aug 07 j 22:58	19°♋22'04	
	-1947 Aug 13 j 16:55	0°♌	
superior conj	-1947 Aug 17 j 23:44	7°♌43'27	1°35'58
minimum elong	-1947 Aug 18 j 03:28	8°♌00'01	1°35'43
max. Earth dist.	-1947 Aug 25 j 14:00	20°♌49'18	1.41676 AU
evening rise	-1947 Aug 31 j 07:56	0°♍14'26	
	-1947 Aug 31 j 04:21	0°♍	
desc. node	-1947 Sep 04 j 03:49	6°♍18'11	
	-1947 Sep 20 j 03:35	0°♎	
greatest brilliancy	-1947 Sep 28 j 16:56	11°♎15'40	-0.3m
evening max el	-1947 Oct 03 j 11:34	16°♎37'30	22°30'34
retrograde	-1947 Oct 13 j 04:00	22°♎22'56	
evening set	-1947 Oct 17 j 17:26	20°♎33'05	
asc. node	-1947 Oct 21 j 02:41	16°♎53'47	
inferior conj	-1947 Oct 23 j 02:22	14°♎12'26	0°40'52
minimum elong	-1947 Oct 23 j 01:26	14°♎15'42	0°40'28
min. Earth dist.	-1947 Oct 23 j 00:25	14°♎19'12	0.67534 AU
morning rise	-1947 Oct 28 j 09:20	7°♎57'48	
direct	-1947 Nov 01 j 21:25	6°♎08'52	
morning max el	-1947 Nov 11 j 06:16	11°♎41'56	22°12'10
greatest brilliancy	-1947 Nov 15 j 23:12	17°♎00'25	-0.4m
	-1947 Nov 25 j 16:02	0°♏	
desc. node	-1947 Dec 01 j 03:12	7°♏57'13	
morning set	-1947 Dec 14 j 05:50	28°♏14'36	
	-1947 Dec 15 j 07:52	0°♐	
max. Earth dist.	-1947 Dec 20 j 00:29	7°♐45'06	1.41009 AU
superior conj	-1947 Dec 27 j 18:30	21°♐09'30	-1°-58'-34
minimum elong	-1947 Dec 27 j 18:05	21°♐07'40	1°58'38
	-1946 Jan 01 j 15:43	0°♑	
evening rise	-1946 Jan 07 j 02:19	10°♑06'29	
asc. node	-1946 Jan 17 j 01:56	27°♑51'48	
	-1946 Jan 18 j 11:26	0°♒	
evening max el	-1946 Jan 23 j 08:31	6°♒04'20	18°16'02
retrograde	-1946 Jan 30 j 10:44	9°♒36'56	
evening set	-1946 Feb 01 j 23:33	9°♒10'44	
inferior conj	-1946 Feb 09 j 01:21	4°♒26'10	3°47'16
minimum elong	-1946 Feb 09 j 03:23	4°♒21'43	3°47'04
min. Earth dist.	-1946 Feb 12 j 09:57	1°♒31'55	0.59813 AU
	-1946 Feb 14 j 09:17	30°♑℞	
morning rise	-1946 Feb 16 j 03:58	28°♑49'52	
direct	-1946 Feb 22 j 17:26	26°♑51'59	
desc. node	-1946 Feb 27 j 02:21	27°♑41'20	
	-1946 Mar 03 j 11:52	0°♒	
morning max el	-1946 Mar 08 j 23:45	4°♒34'24	27°14'50
	-1946 Mar 27 j 17:58	0°♓	
morning set	-1946 Apr 08 j 23:07	23°♓03'24	
	-1946 Apr 12 j 05:53	0°♈	
asc. node	-1946 Apr 15 j 01:17	6°♈05'55	
max. Earth dist.	-1946 Apr 15 j 15:18	7°♈22'31	1.32451 AU
superior conj	-1946 Apr 16 j 02:56	8°♈26'18	0°11'16
minimum elong	-1946 Apr 16 j 02:26	8°♈23'31	0°11'09
behind sun begin	-1946 Apr 15 j 22:52	8°♈03'57	
behind sun end	-1946 Apr 16 j 06:00	8°♈43'06	
evening rise	-1946 Apr 23 j 02:17	23°♈31'42	
	-1946 Apr 26 j 05:47	0°♉	
	-1946 May 14 j 07:58	0°♊	
evening max el	-1946 May 21 j 04:37	7°♊43'22	25°55'18
desc. node	-1946 May 26 j 01:27	11°♊42'54	
retrograde	-1946 Jun 04 j 06:26	14°♊58'00	
evening set	-1946 Jun 10 j 07:03	13°♊30'00	
min. Earth dist.	-1946 Jun 14 j 17:09	10°♊49'11	0.58786 AU
inferior conj	-1946 Jun 18 j 01:05	8°♊21'28	-4°-30'-50
minimum elong	-1946 Jun 17 j 23:54	8°♊23'40	4°30'46
morning rise	-1946 Jun 25 j 20:33	3°♊56'03	
direct	-1946 Jun 28 j 08:09	3°♊35'37	
morning max el	-1946 Jul 06 j 08:43	7°♊23'57	18°35'22
asc. node	-1946 Jul 12 j 00:34	14°♊23'32	
	-1946 Jul 20 j 22:05	0°♋	
morning set	-1946 Jul 22 j 13:51	3°♋11'19	
superior conj	-1946 Jul 31 j 12:27	20°♋20'04	1°46'50
minimum elong	-1946 Jul 31 j 13:45	20°♋26'09	1°46'49
	-1946 Aug 05 j 19:22	0°♌	
max. Earth dist.	-1946 Aug 07 j 17:45	3°♌24'57	1.39739 AU
evening rise	-1946 Aug 11 j 23:53	10°♌43'14	
desc. node	-1946 Aug 22 j 00:49	26°♌51'42	
	-1946 Aug 24 j 02:15	0°♍	
	-1946 Sep 15 j 21:56	0°♎	
evening max el	-1946 Sep 16 j 00:41	0°♎06'54	23°51'01
retrograde	-1946 Sep 26 j 20:03	6°♎29'10	
evening set	-1946 Oct 01 j 23:38	4°♎20'31	
	-1946 Oct 05 j 20:50	30°♑℞	
inferior conj	-1946 Oct 07 j 08:59	27°♍57'57	0°-12'-41
minimum elong	-1946 Oct 07 j 09:17	27°♍56'56	0°12'34
transit middle	-1946 Oct 07 j 09:17	27°♍56'56	0°12'34
transit begin	-1946 Oct 07 j 07:33	28°♍02'49	
transit end	-1946 Oct 07 j 11:01	27°♍51'02	
min. Earth dist.	-1946 Oct 06 j 20:49	28°♍39'24	0.67456 AU
asc. node	-1946 Oct 07 j 23:44	27°♍07'57	
morning rise	-1946 Oct 12 j 19:07	21°♍47'34	
direct	-1946 Oct 16 j 17:33	20°♍19'57	
morning max el	-1946 Oct 25 j 00:23	25°♍10'44	20°52'41
	-1946 Oct 29 j 05:55	0°♎	
greatest brilliancy	-1946 Oct 30 j 19:35	1°♎59'38	-0.5m
desc. node	-1946 Nov 18 j 00:14	28°♎17'35	
	-1946 Nov 19 j 03:01	0°♏	
morning set	-1946 Nov 23 j 10:23	6°♏39'35	
max. Earth dist.	-1946 Dec 02 j 04:56	20°♏36'36	1.42846 AU
	-1946 Dec 07 j 21:35	0°♐	
superior conj	-1946 Dec 09 j 00:06	1°♐51'28	-1°-49'-44
minimum elong	-1946 Dec 08 j 19:27	1°♐31'52	1°49'31
evening rise	-1946 Dec 20 j 21:01	22°♐31'42	
	-1946 Dec 25 j 01:54	0°♑	
asc. node	-1945 Jan 03 j 22:58	15°♑50'51	
evening max el	-1945 Jan 06 j 19:40	19°♑10'12	18°07'53
retrograde	-1945 Jan 13 j 10:26	22°♑36'30	
evening set	-1945 Jan 16 j 02:51	22°♑02'14	
inferior conj	-1945 Jan 22 j 15:59	16°♑56'11	3°56'37
minimum elong	-1945 Jan 22 j 15:35	16°♑57'09	3°56'35
min. Earth dist.	-1945 Jan 25 j 14:53	14°♑00'24	0.61852 AU
morning rise	-1945 Jan 29 j 02:00	11°♑04'54	
direct	-1945 Feb 05 j 01:49	8°♑35'00	
desc. node	-1945 Feb 13 j 23:24	11°♑59'19	
morning max el	-1945 Feb 19 j 02:52	16°♑23'01	27°43'39
	-1945 Mar 02 j 08:57	0°♒	
	-1945 Mar 20 j 07:41	0°♓	
morning set	-1945 Mar 24 j 03:48	7°♓37'48	
max. Earth dist.	-1945 Mar 30 j 02:05	20°♓07'19	1.32677 AU
superior conj	-1945 Mar 31 j 13:25	23°♓18'50	0°-14'-24
minimum elong	-1945 Mar 31 j 14:05	23°♓22'27	0°14'17
behind sun begin	-1945 Mar 31 j 11:52	23°♓10'22	
behind sun end	-1945 Mar 31 j 16:19	23°♓34'32	
asc. node	-1945 Apr 01 j 22:19	26°♓17'52	
	-1945 Apr 03 j 15:07	0°♈	
evening rise	-1945 Apr 07 j 13:43	8°♈28'05	
	-1945 Apr 18 j 20:10	0°♉	
evening max el	-1945 May 02 j 21:13	18°♉38'43	24°31'42

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-1945 May 12 j 22:30	25°♉06'26	
retrograde	-1945 May 16 j 20:02	25°♉41'20	
evening set	-1945 May 21 j 13:29	24°♉51'00	
min. Earth dist.	-1945 May 27 j 09:02	21°♉53'59	0.56920 AU
inferior conj	-1945 May 30 j 03:42	20°♉06'44	-4°-1'-17
minimum elong	-1945 May 29 j 22:30	20°♉15'10	4°00'24
morning rise	-1945 Jun 07 j 11:28	16°♉00'41	
direct	-1945 Jun 10 j 00:21	15°♉42'55	
morning max el	-1945 Jun 19 j 08:07	20°♉02'55	19°26'14
	-1945 Jun 27 j 02:19	0°♊	
asc. node	-1945 Jun 28 j 21:37	2°♊59'50	
morning set	-1945 Jul 06 j 13:35	17°♊28'20	
	-1945 Jul 12 j 19:42	0°♋	
superior conj	-1945 Jul 14 j 17:47	3°♋47'23	1°47'31
minimum elong	-1945 Jul 14 j 17:04	3°♋43'50	1°47'32
max. Earth dist.	-1945 Jul 20 j 20:06	15°♋24'29	1.37777 AU
evening rise	-1945 Jul 24 j 17:04	22°♋25'05	
	-1945 Jul 29 j 02:19	0°♌	
desc. node	-1945 Aug 08 j 21:49	17°♌12'10	
	-1945 Aug 17 j 22:24	0°♍	
evening max el	-1945 Aug 29 j 12:00	13°♍39'55	25°08'28
retrograde	-1945 Sep 10 j 07:53	20°♍31'12	
evening set	-1945 Sep 16 j 02:27	18°♍04'59	
min. Earth dist.	-1945 Sep 20 j 14:54	12°♍59'19	0.67064 AU
inferior conj	-1945 Sep 21 j 13:43	11°♍44'27	-1°-7'-18
minimum elong	-1945 Sep 21 j 15:22	11°♍39'05	1°06'38
asc. node	-1945 Sep 24 j 20:46	7°♍43'25	
morning rise	-1945 Sep 27 j 04:45	5°♍41'30	
direct	-1945 Sep 30 j 15:35	4°♍32'32	
morning max el	-1945 Oct 08 j 01:56	8°♍48'31	19°45'14
greatest brilliancy	-1945 Oct 16 j 03:23	18°♍56'05	-0.6m
	-1945 Oct 23 j 15:28	0°♎	
morning set	-1945 Nov 02 j 08:14	14°♎53'07	
desc. node	-1945 Nov 04 j 21:16	18°♎50'03	
	-1945 Nov 12 j 00:23	0°♏	
max. Earth dist.	-1945 Nov 14 j 16:59	4°♏15'52	1.44187 AU
superior conj	-1945 Nov 19 j 02:32	11°♏18'18	-1°-23'-40
minimum elong	-1945 Nov 18 j 18:53	10°♏47'27	1°22'57
	-1945 Nov 30 j 10:46	0°♐	
evening rise	-1945 Dec 02 j 20:51	4°♐05'11	
	-1945 Dec 19 j 03:56	0°♑	
evening max el	-1945 Dec 21 j 08:19	2°♑28'37	18°18'47
asc. node	-1945 Dec 21 j 19:59	2°♑57'24	
retrograde	-1945 Dec 27 j 20:49	6°♑00'49	
evening set	-1945 Dec 30 j 17:24	5°♑17'18	
inferior conj	-1944 Jan 05 j 20:44	29°♐51'03	3°45'14
minimum elong	-1944 Jan 05 j 18:40	29°♐56'50	3°44'56
	-1944 Jan 05 j 17:32	30°℞♐	
min. Earth dist.	-1944 Jan 08 j 05:10	27°♐14'04	0.63678 AU
morning rise	-1944 Jan 11 j 18:23	23°♐49'40	
direct	-1944 Jan 18 j 18:02	21°♐02'02	
desc. node	-1944 Jan 31 j 20:28	28°♐14'52	
morning max el	-1944 Feb 01 j 10:30	28°♐49'14	27°36'00
	-1944 Feb 02 j 14:18	0°♑	
	-1944 Feb 24 j 04:23	0°♒	
morning set	-1944 Mar 07 j 01:39	21°♒48'06	
	-1944 Mar 11 j 02:20	0°♓	
max. Earth dist.	-1944 Mar 12 j 06:47	2°♓28'42	1.33298 AU
superior conj	-1944 Mar 14 j 20:56	7°♓58'28	0°-40'-21
minimum elong	-1944 Mar 14 j 22:48	8°♓08'26	0°40'00
asc. node	-1944 Mar 18 j 19:20	16°♓25'38	
evening rise	-1944 Mar 22 j 01:20	23°♓20'50	
	-1944 Mar 25 j 06:56	0°♈	
evening max el	-1944 Apr 13 j 12:58	29°♈17'50	22°57'16
	-1944 Apr 14 j 06:58	0°♉	
retrograde	-1944 Apr 26 j 20:30	5°♉52'29	
desc. node	-1944 Apr 28 j 19:31	5°♉43'58	
evening set	-1944 Apr 30 j 05:28	5°♉27'36	
min. Earth dist.	-1944 May 07 j 22:36	2°♉02'36	0.55590 AU
inferior conj	-1944 May 09 j 11:09	1°♉09'44	-2°-49'-10
minimum elong	-1944 May 09 j 04:39	1°♉19'09	2°47'18
	-1944 May 11 j 12:07	30°℞♈	
morning rise	-1944 May 18 j 06:39	27°♈14'15	
direct	-1944 May 20 j 22:36	26°♈57'22	
	-1944 May 29 j 09:45	0°♉	
morning max el	-1944 May 31 j 21:03	2°♉02'24	20°37'32
asc. node	-1944 Jun 14 j 18:40	22°♉09'30	
	-1944 Jun 18 j 18:37	0°♊	
morning set	-1944 Jun 19 j 19:25	2°♊06'02	
superior conj	-1944 Jun 27 j 11:04	17°♊52'12	1°40'23
minimum elong	-1944 Jun 27 j 09:04	17°♊42'01	1°40'18
max. Earth dist.	-1944 Jul 02 j 03:23	27°♊13'05	1.36011 AU
	-1944 Jul 03 j 13:51	0°♋	
evening rise	-1944 Jul 06 j 07:30	5°♋10'15	
	-1944 Jul 20 j 22:32	0°♌	
desc. node	-1944 Jul 25 j 18:48	7°♌13'33	
evening max el	-1944 Aug 10 j 23:21	27°♌14'09	26°14'58
	-1944 Aug 14 j 01:14	0°♍	
retrograde	-1944 Aug 23 j 14:48	4°♍24'09	
evening set	-1944 Aug 29 j 23:54	1°♍44'13	
	-1944 Aug 31 j 19:29	30°℞♌	
min. Earth dist.	-1944 Sep 03 j 04:14	27°♌16'20	0.66340 AU
inferior conj	-1944 Sep 04 j 14:46	25°♌29'28	-2°-1'-16
minimum elong	-1944 Sep 04 j 17:41	25°♌20'26	2°00'09
morning rise	-1944 Sep 10 j 12:20	19°♌37'16	
asc. node	-1944 Sep 10 j 17:51	19°♌29'33	
direct	-1944 Sep 13 j 13:48	18°♌43'40	
morning max el	-1944 Sep 20 j 10:17	22°♌33'59	18°52'35
	-1944 Sep 26 j 09:36	0°♍	
morning set	-1944 Oct 11 j 22:53	24°♍01'28	
	-1944 Oct 15 j 17:34	0°♎	
desc. node	-1944 Oct 21 j 18:16	9°♎30'09	
max. Earth dist.	-1944 Oct 27 j 10:14	18°♎25'08	1.44867 AU
superior conj	-1944 Oct 28 j 07:01	19°♎46'58	0°-41'-18
minimum elong	-1944 Oct 28 j 01:44	19°♎26'08	0°40'40
	-1944 Nov 03 j 18:04	0°♏	
evening rise	-1944 Nov 12 j 21:40	14°♏39'11	
	-1944 Nov 22 j 10:23	0°♐	
evening max el	-1944 Dec 03 j 19:43	15°♐52'51	18°47'46
asc. node	-1944 Dec 07 j 17:02	18°♐56'27	
retrograde	-1944 Dec 10 j 13:56	19°♐41'25	
evening set	-1944 Dec 13 j 15:54	18°♐47'12	
inferior conj	-1944 Dec 19 j 11:54	13°♐03'08	3°19'18
minimum elong	-1944 Dec 19 j 09:02	13°♐11'52	3°18'37
min. Earth dist.	-1944 Dec 21 j 05:11	10°♐57'21	0.65163 AU
morning rise	-1944 Dec 25 j 01:08	6°♐54'27	
direct	-1944 Dec 31 j 16:46	4°♐04'10	
morning max el	-1943 Jan 13 j 20:07	11°♐42'21	26°55'38
desc. node	-1943 Jan 17 j 17:32	15°♐54'08	
	-1943 Jan 28 j 11:59	0°♑	
	-1943 Feb 15 j 16:52	0°♒	
morning set	-1943 Feb 18 j 13:24	5°♒23'06	
max. Earth dist.	-1943 Feb 23 j 01:41	14°♒16'26	1.34348 AU
superior conj	-1943 Feb 26 j 23:23	22°♒17'39	-1°-5'-28
minimum elong	-1943 Feb 27 j 02:17	22°♒32'46	1°04'59
	-1943 Mar 02 j 15:22	0°♓	
asc. node	-1943 Mar 05 j 16:22	6°♓24'09	
evening rise	-1943 Mar 06 j 11:17	8°♓02'42	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1943 Mar 18 j 07:56	0°♈	
evening max el	-1943 Mar 26 j 10:12	10°♈07'54	21°26'08
retrograde	-1943 Apr 07 j 11:14	15°♈57'32	
evening set	-1943 Apr 09 j 22:45	15°♈43'30	
desc. node	-1943 Apr 15 j 16:34	13°♈39'31	
inferior conj	-1943 Apr 19 j 06:47	11°♈43'02	-1°00'-38
minimum elong	-1943 Apr 19 j 03:56	11°♈47'02	0°59'38
min. Earth dist.	-1943 Apr 19 j 11:52	11°♈35'53	0.55076 AU
morning rise	-1943 Apr 28 j 09:21	7°♈41'59	
direct	-1943 May 01 j 10:06	7°♈21'56	
morning max el	-1943 May 13 j 23:10	13°♈19'40	22°06'32
	-1943 May 26 j 09:34	0°♉	
asc. node	-1943 Jun 01 j 15:44	11°♉43'44	
morning set	-1943 Jun 04 j 05:09	16°♉57'45	
	-1943 Jun 10 j 09:23	0°♊	
superior conj	-1943 Jun 11 j 12:38	2°♊23'33	1°27'21
minimum elong	-1943 Jun 11 j 10:05	2°♊10'11	1°27'06
max. Earth dist.	-1943 Jun 14 j 19:36	9°♊13'41	1.34568 AU
evening rise	-1943 Jun 19 j 14:01	18°♊44'34	
	-1943 Jun 25 j 15:06	0°♋	
desc. node	-1943 Jul 12 j 15:48	26°♋47'39	
	-1943 Jul 15 j 01:47	0°♌	
evening max el	-1943 Jul 24 j 10:59	10°♌42'08	27°02'38
retrograde	-1943 Aug 06 j 16:34	18°♌01'38	
evening set	-1943 Aug 13 j 13:38	15°♌15'23	
min. Earth dist.	-1943 Aug 17 j 10:29	11°♌25'47	0.65253 AU
inferior conj	-1943 Aug 19 j 10:02	9°♌09'46	-2°-52'-26
minimum elong	-1943 Aug 19 j 13:57	8°♌58'32	2°51'09
morning rise	-1943 Aug 25 j 15:38	3°♌31'38	
direct	-1943 Aug 28 j 10:05	2°♌49'58	
asc. node	-1943 Aug 28 j 14:56	2°♌50'11	
morning max el	-1943 Sep 03 j 23:26	6°♌23'43	18°16'17
	-1943 Sep 19 j 23:19	0°♍	
morning set	-1943 Sep 22 j 17:14	4°♍31'52	
superior conj	-1943 Oct 07 j 08:27	28°♍12'50	0°08'19
minimum elong	-1943 Oct 07 j 09:30	28°♍17'01	0°08'10
behind sun begin	-1943 Oct 06 j 23:52	27°♍38'44	
behind sun end	-1943 Oct 07 j 19:09	28°♍55'16	
	-1943 Oct 08 j 11:30	0°♎	
desc. node	-1943 Oct 08 j 15:16	0°♎14'54	
max. Earth dist.	-1943 Oct 10 j 04:56	2°♎43'40	1.44813 AU
evening rise	-1943 Oct 23 j 22:32	24°♎13'52	
	-1943 Oct 27 j 15:24	0°♏	
greatest brilliancy	-1943 Nov 08 j 14:55	18°♏17'17	-0.7m
evening max el	-1943 Nov 17 j 03:37	29°♏19'24	19°33'27
	-1943 Nov 17 j 19:49	0°♐	
retrograde	-1943 Nov 24 j 10:33	3°♐33'13	
asc. node	-1943 Nov 24 j 14:06	3°♐33'05	
evening set	-1943 Nov 27 j 19:41	2°♐26'21	
	-1943 Nov 30 j 13:15	30°℞♏	
inferior conj	-1943 Dec 03 j 10:25	26°♏27'36	2°43'05
minimum elong	-1943 Dec 03 j 07:30	26°♏37'08	2°42'09
min. Earth dist.	-1943 Dec 04 j 13:49	24°♏58'26	0.66273 AU
morning rise	-1943 Dec 08 j 18:36	20°♏13'58	
direct	-1943 Dec 14 j 21:30	17°♏33'02	
morning max el	-1943 Dec 27 j 05:31	24°♏50'34	25°49'57
	-1943 Dec 31 j 22:17	0°♐	
desc. node	-1942 Jan 04 j 14:36	4°♐32'40	
	-1942 Jan 21 j 23:01	0°♑	
morning set	-1942 Feb 01 j 10:42	18°♑10'06	
max. Earth dist.	-1942 Feb 05 j 08:49	25°♑31'57	1.35842 AU
	-1942 Feb 07 j 16:05	0°♒	
superior conj	-1942 Feb 10 j 18:15	6°♒08'55	-1°-28'-11
minimum elong	-1942 Feb 10 j 21:44	6°♒26'28	1°27'46
evening rise	-1942 Feb 18 j 17:37	22°♒27'28	
asc. node	-1942 Feb 20 j 13:25	26°♒08'49	
	-1942 Feb 22 j 12:15	0°♓	
evening max el	-1942 Mar 08 j 17:37	21°♓30'04	20°08'29
retrograde	-1942 Mar 19 j 02:36	26°♓27'16	
evening set	-1942 Mar 21 j 07:23	26°♓14'52	
inferior conj	-1942 Mar 30 j 04:27	22°♓15'34	0°56'31
minimum elong	-1942 Mar 30 j 06:53	22°♓11'53	0°55'40
min. Earth dist.	-1942 Apr 01 j 02:01	21°♓07'18	0.55507 AU
desc. node	-1942 Apr 02 j 13:40	20°♓15'56	
morning rise	-1942 Apr 08 j 03:45	17°♓50'23	
direct	-1942 Apr 12 j 00:14	17°♓17'52	
morning max el	-1942 Apr 25 j 17:04	24°♓03'58	23°45'44
	-1942 May 01 j 02:08	0°♈	
	-1942 May 18 j 18:27	0°♉	
morning set	-1942 May 19 j 16:53	1°♉56'58	
asc. node	-1942 May 19 j 12:46	1°♉35'26	
superior conj	-1942 May 26 j 19:39	17°♉12'04	1°09'51
minimum elong	-1942 May 26 j 17:09	16°♉58'40	1°09'29
max. Earth dist.	-1942 May 28 j 21:11	21°♉36'57	1.33505 AU
	-1942 Jun 01 j 21:38	0°♊	
evening rise	-1942 Jun 03 j 08:08	2°♊54'31	
	-1942 Jun 18 j 10:46	0°♋	
desc. node	-1942 Jun 29 j 12:50	15°♋42'20	
evening max el	-1942 Jul 06 j 21:40	23°♋52'14	27°24'32
	-1942 Jul 15 j 08:04	0°♌	
retrograde	-1942 Jul 20 j 12:47	1°♌14'19	
	-1942 Jul 25 j 09:44	30°℞♋	
evening set	-1942 Jul 27 j 16:35	28°♋33'07	
min. Earth dist.	-1942 Jul 31 j 07:48	25°♋18'15	0.63789 AU
inferior conj	-1942 Aug 02 j 20:58	22°♋39'40	-3°-37'-57
minimum elong	-1942 Aug 03 j 01:15	22°♋28'32	3°36'52
morning rise	-1942 Aug 09 j 11:54	17°♋18'44	
direct	-1942 Aug 12 j 01:43	16°♋45'50	
asc. node	-1942 Aug 15 j 12:01	17°♋44'30	
morning max el	-1942 Aug 18 j 14:44	20°♋11'35	17°57'18
	-1942 Aug 25 j 22:32	0°♌	
morning set	-1942 Sep 04 j 13:46	16°♌17'16	
	-1942 Sep 12 j 14:27	0°♍	
superior conj	-1942 Sep 17 j 04:06	7°♍35'08	0°52'33
minimum elong	-1942 Sep 17 j 09:10	7°♍55'53	0°51'57
max. Earth dist.	-1942 Sep 22 j 21:33	16°♍51'33	1.44049 AU
desc. node	-1942 Sep 25 j 12:15	21°♍00'50	
	-1942 Oct 01 j 05:57	0°♎	
evening rise	-1942 Oct 03 j 06:24	3°♎07'26	
	-1942 Oct 21 j 05:15	0°♏	
greatest brilliancy	-1942 Oct 25 j 03:58	5°♏26'36	-0.5m
evening max el	-1942 Oct 31 j 06:17	12°♏46'12	20°33'51
retrograde	-1942 Nov 08 j 08:05	17°♏32'18	
asc. node	-1942 Nov 11 j 11:11	16°♏36'02	
evening set	-1942 Nov 12 j 02:28	16°♏10'33	
inferior conj	-1942 Nov 17 j 13:45	10°♏00'36	1°59'29
minimum elong	-1942 Nov 17 j 11:18	10°♏08'53	1°58'34
min. Earth dist.	-1942 Nov 18 j 04:52	9°♏09'15	0.67023 AU
morning rise	-1942 Nov 22 j 19:38	3°♏44'27	
direct	-1942 Nov 28 j 07:39	1°♏20'54	
morning max el	-1942 Dec 09 j 14:03	8°♏04'11	24°28'30
desc. node	-1942 Dec 22 j 11:39	23°♏52'54	
	-1942 Dec 26 j 19:07	0°♐	
morning set	-1941 Jan 14 j 11:51	29°♐53'03	
	-1941 Jan 14 j 13:26	0°♑	
max. Earth dist.	-1941 Jan 18 j 06:13	6°♑35'20	1.37723 AU
superior conj	-1941 Jan 25 j 02:12	19°♑23'16	-1°-46'-23
minimum elong	-1941 Jan 25 j 05:22	19°♑38'36	1°46'12

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1941 Jan 30 j 11:52	0°♒	
evening rise	-1941 Feb 02 j 18:01	6°♒28'32	
asc. node	-1941 Feb 07 j 10:28	15°♒34'13	
	-1941 Feb 16 j 08:41	0°♓	
evening max el	-1941 Feb 19 j 11:57	3°♓30'15	19°09'14
retrograde	-1941 Feb 28 j 06:18	7°♓42'08	
evening set	-1941 Mar 02 j 13:08	7°♓26'16	
inferior conj	-1941 Mar 10 j 16:56	3°♓14'24	2°30'58
minimum elong	-1941 Mar 10 j 21:37	3°♓06'23	2°29'41
min. Earth dist.	-1941 Mar 13 j 17:34	1°♓10'54	0.56788 AU
	-1941 Mar 15 j 14:55	30°℞♒	
morning rise	-1941 Mar 19 j 02:06	28°♒17'37	
desc. node	-1941 Mar 20 j 10:45	27°♒50'16	
direct	-1941 Mar 24 j 02:41	27°♒18'35	
	-1941 Apr 01 j 12:35	0°♓	
morning max el	-1941 Apr 07 j 07:57	4°♓37'23	25°22'37
	-1941 Apr 25 j 12:57	0°♈	
morning set	-1941 May 04 j 04:58	16°♈58'10	
asc. node	-1941 May 06 j 09:49	21°♈39'17	
	-1941 May 10 j 06:02	0°♉	
superior conj	-1941 May 11 j 05:57	2°♉10'33	0°48'58
minimum elong	-1941 May 11 j 03:59	1°♉59'47	0°48'36
max. Earth dist.	-1941 May 12 j 06:04	4°♉21'52	1.32821 AU
evening rise	-1941 May 18 j 10:22	17°♉29'22	
	-1941 May 24 j 19:23	0°♊	
	-1941 Jun 13 j 04:57	0°♋	
desc. node	-1941 Jun 16 j 09:53	3°♋40'49	
evening max el	-1941 Jun 19 j 05:21	6°♋32'36	27°15'20
retrograde	-1941 Jul 03 j 02:33	13°♋52'51	
evening set	-1941 Jul 10 j 04:51	11°♋30'47	
min. Earth dist.	-1941 Jul 13 j 19:12	8°♋41'20	0.61991 AU
inferior conj	-1941 Jul 16 j 20:34	5°♋52'24	-4°-13'-21
minimum elong	-1941 Jul 17 j 00:02	5°♋44'21	4°12'48
morning rise	-1941 Jul 23 j 21:53	0°♋51'28	
direct	-1941 Jul 26 j 09:24	0°♋24'41	
morning max el	-1941 Aug 02 j 05:20	3°♋51'01	17°56'38
asc. node	-1941 Aug 02 j 09:04	4°♋00'16	
morning set	-1941 Aug 18 j 06:54	29°♋02'10	
	-1941 Aug 18 j 19:40	0°♌	
superior conj	-1941 Aug 29 j 03:08	18°♌18'45	1°24'05
minimum elong	-1941 Aug 29 j 08:02	18°♌39'52	1°23'38
	-1941 Sep 05 j 01:47	0°♍	
max. Earth dist.	-1941 Sep 05 j 09:48	0°♍32'52	1.42681 AU
desc. node	-1941 Sep 12 j 09:16	11°♍45'00	
evening rise	-1941 Sep 12 j 14:26	12°♍05'17	
	-1941 Sep 24 j 08:38	0°♎	
greatest brilliancy	-1941 Oct 09 j 06:20	20°♎40'26	-0.4m
evening max el	-1941 Oct 14 j 03:04	26°♎13'24	21°45'46
	-1941 Oct 18 j 13:42	0°♏	
retrograde	-1941 Oct 23 j 04:28	1°♏36'23	
evening set	-1941 Oct 27 j 10:22	29°♎57'24	
	-1941 Oct 27 j 09:02	30°℞♎	
asc. node	-1941 Oct 29 j 08:15	28°♎08'10	
inferior conj	-1941 Nov 01 j 19:45	23°♎39'49	1°10'39
minimum elong	-1941 Nov 01 j 18:11	23°♎45'15	1°10'00
min. Earth dist.	-1941 Nov 01 j 23:53	23°♎25'33	0.67443 AU
morning rise	-1941 Nov 07 j 01:44	17°♎23'49	
direct	-1941 Nov 11 j 22:25	15°♎21'45	
morning max el	-1941 Nov 21 j 23:37	21°♎20'49	23°01'15
greatest brilliancy	-1941 Nov 26 j 20:35	26°♎48'51	-0.3m
	-1941 Nov 29 j 09:44	0°♏	
desc. node	-1941 Dec 09 j 08:41	13°♏42'48	
	-1941 Dec 20 j 02:27	0°♐	
morning set	-1941 Dec 26 j 10:31	10°♐15'14	
max. Earth dist.	-1941 Dec 31 j 01:25	18°♐03'55	1.39819 AU

	-1940 Jan 06 j 19:04	0°♑	
superior conj	-1940 Jan 07 j 18:50	1°♑48'38	-1°-57'-12
minimum elong	-1940 Jan 07 j 20:15	1°♑55'09	1°57'13
evening rise	-1940 Jan 17 j 09:39	19°♑58'05	
	-1940 Jan 22 j 17:44	0°♒	
asc. node	-1940 Jan 25 j 07:31	4°♒32'52	
evening max el	-1940 Feb 02 j 15:03	16°♒01'56	18°29'45
retrograde	-1940 Feb 10 j 04:22	19°♒44'01	
evening set	-1940 Feb 12 j 15:15	19°♒21'51	
inferior conj	-1940 Feb 20 j 01:46	14°♒49'54	3°29'19
minimum elong	-1940 Feb 20 j 05:14	14°♒42'58	3°28'45
min. Earth dist.	-1940 Feb 23 j 11:46	12°♒07'37	0.58635 AU
morning rise	-1940 Feb 27 j 15:31	9°♒26'02	
direct	-1940 Mar 04 j 18:16	7°♒50'03	
desc. node	-1940 Mar 06 j 07:49	7°♒56'17	
morning max el	-1940 Mar 19 j 01:26	15°♒25'53	26°42'12
	-1940 Mar 30 j 20:32	0°♓	
	-1940 Apr 16 j 17:41	0°♈	
morning set	-1940 Apr 17 j 15:38	1°♈54'01	
asc. node	-1940 Apr 22 j 06:51	11°♈49'32	
superior conj	-1940 Apr 24 j 17:36	17°♈11'05	0°25'35
minimum elong	-1940 Apr 24 j 16:30	17°♈04'58	0°25'20
max. Earth dist.	-1940 Apr 24 j 18:47	17°♈17'33	1.32490 AU
	-1940 Apr 30 j 15:31	0°♉	
evening rise	-1940 May 01 j 17:50	2°♉18'27	
	-1940 May 16 j 19:11	0°♊	
evening max el	-1940 May 31 j 07:33	18°♊31'47	26°33'12
desc. node	-1940 Jun 02 j 06:56	20°♊18'39	
retrograde	-1940 Jun 14 j 08:14	25°♊48'16	
evening set	-1940 Jun 20 j 21:57	23°♊58'24	
min. Earth dist.	-1940 Jun 24 j 20:51	21°♊19'31	0.59973 AU
inferior conj	-1940 Jun 28 j 05:12	18°♊38'12	-4°-31'-45
minimum elong	-1940 Jun 28 j 06:12	18°♊36'11	4°31'42
morning rise	-1940 Jul 05 j 17:47	13°♊59'27	
direct	-1940 Jul 08 j 05:06	13°♊36'54	
morning max el	-1940 Jul 15 j 16:15	17°♊13'42	18°15'22
asc. node	-1940 Jul 19 j 06:07	21°♊21'26	
	-1940 Jul 24 j 19:23	0°♋	
morning set	-1940 Jul 31 j 15:07	12°♋31'22	
	-1940 Aug 09 j 23:37	0°♌	
superior conj	-1940 Aug 10 j 03:38	0°♌18'14	1°41'59
minimum elong	-1940 Aug 10 j 06:20	0°♌30'31	1°41'51
max. Earth dist.	-1940 Aug 17 j 16:50	13°♌35'50	1.40882 AU
evening rise	-1940 Aug 22 j 16:04	21°♌53'29	
	-1940 Aug 27 j 17:29	0°♍	
desc. node	-1940 Aug 29 j 06:17	2°♍23'45	
	-1940 Sep 17 j 11:27	0°♎	
greatest brilliancy	-1940 Sep 20 j 09:07	3°♎38'57	-0.2m
evening max el	-1940 Sep 25 j 18:34	9°♎42'10	23°04'44
retrograde	-1940 Oct 05 j 22:19	15°♎43'06	
evening set	-1940 Oct 10 j 17:39	13°♎45'19	
asc. node	-1940 Oct 15 j 05:17	8°♎36'52	
inferior conj	-1940 Oct 16 j 02:37	7°♎23'40	0°18'23
minimum elong	-1940 Oct 16 j 02:11	7°♎25'09	0°18'11
min. Earth dist.	-1940 Oct 15 j 20:22	7°♎45'12	0.67544 AU
morning rise	-1940 Oct 21 j 10:43	1°♎10'37	
	-1940 Oct 23 j 09:05	30°℞♍	
direct	-1940 Oct 25 j 16:53	29°♍30'49	
	-1940 Oct 28 j 03:46	0°♎	
morning max el	-1940 Nov 03 j 13:51	4°♎44'36	21°37'08
greatest brilliancy	-1940 Nov 08 j 14:18	10°♎28'59	-0.4m
	-1940 Nov 22 j 14:56	0°♏	
desc. node	-1940 Nov 25 j 05:42	3°♏54'12	
morning set	-1940 Dec 05 j 04:21	19°♏15'23	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1940 Dec 11 j 19:46	0°♐	
max. Earth dist.	-1940 Dec 12 j 02:15	0°♐26'47	1.41840 AU
superior conj	-1940 Dec 19 j 14:49	13°♐12'20	-1°-56'-45
minimum elong	-1940 Dec 19 j 12:42	13°♐03'07	1°56'45
	-1940 Dec 29 j 00:07	0°♑	
evening rise	-1940 Dec 30 j 13:10	2°♑49'28	
asc. node	-1939 Jan 11 j 04:33	22°♑56'37	
evening max el	-1939 Jan 16 j 00:05	28°♑57'30	18°10'11
	-1939 Jan 17 j 03:28	0°♒	
retrograde	-1939 Jan 22 j 20:02	2°♒25'42	
evening set	-1939 Jan 25 j 10:29	1°♒56'02	
	-1939 Jan 28 j 19:22	30°℞♑	
inferior conj	-1939 Feb 01 j 06:28	27°♑01'58	3°54'16
minimum elong	-1939 Feb 01 j 07:25	26°♑59'45	3°54'12
min. Earth dist.	-1939 Feb 04 j 11:44	24°♑04'31	0.60693 AU
morning rise	-1939 Feb 08 j 01:34	21°♑18'45	
direct	-1939 Feb 14 j 20:50	19°♑06'10	
desc. node	-1939 Feb 21 j 04:53	20°♑49'57	
morning max el	-1939 Mar 01 j 01:05	26°♑50'45	27°31'41
	-1939 Mar 04 j 01:11	0°♒	
	-1939 Mar 24 j 08:56	0°♓	
morning set	-1939 Apr 01 j 23:05	16°♓38'14	
	-1939 Apr 08 j 05:33	0°♈	
max. Earth dist.	-1939 Apr 08 j 07:33	0°♈10'57	1.32506 AU
superior conj	-1939 Apr 09 j 04:58	2°♈07'53	0°00'29
minimum elong	-1939 Apr 09 j 04:57	2°♈07'45	0°00'29
behind sun begin	-1939 Apr 08 j 23:55	1°♈40'14	
behind sun end	-1939 Apr 09 j 09:59	2°♈35'17	
asc. node	-1939 Apr 09 j 03:54	2°♈01'59	
evening rise	-1939 Apr 16 j 04:21	17°♈14'01	
	-1939 Apr 22 j 12:58	0°♉	
evening max el	-1939 May 13 j 03:01	29°♉46'59	25°21'56
	-1939 May 13 j 08:29	0°♊	
desc. node	-1939 May 20 j 03:58	5°♊03'55	
retrograde	-1939 May 27 j 04:06	6°♊57'15	
evening set	-1939 Jun 01 j 16:43	5°♊45'54	
min. Earth dist.	-1939 Jun 06 j 14:58	3°♊00'09	0.57958 AU
inferior conj	-1939 Jun 09 j 19:23	0°♊47'30	-4°-23'-6
minimum elong	-1939 Jun 09 j 16:25	0°♊52'42	4°22'49
	-1939 Jun 10 j 22:52	30°℞♉	
morning rise	-1939 Jun 17 j 20:03	26°♉30'59	
direct	-1939 Jun 20 j 08:19	26°♉11'40	
	-1939 Jun 28 j 15:46	0°♊	
morning max el	-1939 Jun 28 j 20:37	0°♊11'15	18°54'26
asc. node	-1939 Jul 06 j 03:09	9°♊33'53	
morning set	-1939 Jul 15 j 10:08	26°♊33'32	
	-1939 Jul 17 j 04:08	0°♋	
superior conj	-1939 Jul 24 j 00:03	13°♋18'18	1°48'13
minimum elong	-1939 Jul 24 j 00:24	13°♋20'01	1°48'15
max. Earth dist.	-1939 Jul 30 j 19:47	25°♋56'01	1.38898 AU
	-1939 Aug 02 j 02:56	0°♌	
evening rise	-1939 Aug 03 j 18:56	2°♌53'29	
desc. node	-1939 Aug 16 j 03:16	22°♌52'29	
	-1939 Aug 20 j 22:20	0°♍	
evening max el	-1939 Sep 08 j 06:33	23°♍12'57	24°24'44
retrograde	-1939 Sep 19 j 12:33	29°♍48'23	
evening set	-1939 Sep 24 j 22:37	27°♍31'42	
min. Earth dist.	-1939 Sep 29 j 15:56	22°♍05'40	0.67333 AU
inferior conj	-1939 Sep 30 j 08:37	21°♍09'39	0°-35'-50
minimum elong	-1939 Sep 30 j 09:29	21°♍06'45	0°35'29
asc. node	-1939 Oct 02 j 02:19	18°♍52'45	
morning rise	-1939 Oct 05 j 20:39	15°♍02'21	
direct	-1939 Oct 09 j 13:53	13°♍43'08	
morning max el	-1939 Oct 17 j 11:12	18°♍17'42	20°22'22
greatest brilliancy	-1939 Oct 24 j 01:02	26°♍12'56	-0.6m
	-1939 Oct 26 j 19:01	0°♎	
desc. node	-1939 Nov 12 j 02:42	24°♎20'17	
morning set	-1939 Nov 14 j 03:01	27°♎26'52	
	-1939 Nov 15 j 18:28	0°♏	
max. Earth dist.	-1939 Nov 24 j 10:37	13°♏42'21	1.43492 AU
superior conj	-1939 Nov 30 j 08:51	23°♏21'38	-1°-40'-53
minimum elong	-1939 Nov 30 j 02:30	22°♏55'27	1°40'26
	-1939 Dec 04 j 08:20	0°♐	
evening rise	-1939 Dec 13 j 00:23	14°♐53'50	
	-1939 Dec 21 j 19:03	0°♑	
asc. node	-1939 Dec 29 j 01:35	10°♑34'41	
evening max el	-1939 Dec 30 j 12:06	12°♑08'46	18°10'10
retrograde	-1938 Jan 06 j 00:57	15°♑36'33	
evening set	-1938 Jan 08 j 18:58	14°♑58'31	
inferior conj	-1938 Jan 15 j 03:34	9°♑43'21	3°53'56
minimum elong	-1938 Jan 15 j 02:22	9°♑46'32	3°53'48
min. Earth dist.	-1938 Jan 17 j 20:29	6°♑53'39	0.62662 AU
morning rise	-1938 Jan 21 j 07:47	3°♑47'04	
direct	-1938 Jan 28 j 08:27	1°♑07'59	
desc. node	-1938 Feb 08 j 01:56	6°♑02'03	
morning max el	-1938 Feb 11 j 06:39	8°♑56'40	27°44'51
	-1938 Feb 27 j 14:44	0°♒	
	-1938 Mar 16 j 12:38	0°♓	
morning set	-1938 Mar 17 j 01:12	1°♓03'17	
max. Earth dist.	-1938 Mar 22 j 16:20	12°♓47'23	1.32887 AU
superior conj	-1938 Mar 24 j 14:23	16°♓55'09	0°-25'-27
minimum elong	-1938 Mar 24 j 15:34	17°♓01'31	0°25'13
asc. node	-1938 Mar 27 j 00:56	22°♓12'29	
	-1938 Mar 30 j 15:42	0°♈	
evening rise	-1938 Mar 31 j 16:04	2°♈09'12	
	-1938 Apr 16 j 01:15	0°♉	
evening max el	-1938 Apr 24 j 18:15	10°♉31'11	23°51'58
desc. node	-1938 May 07 j 01:00	17°♉20'03	
retrograde	-1938 May 08 j 12:23	17°♉25'01	
evening set	-1938 May 12 j 15:33	16°♉47'12	
min. Earth dist.	-1938 May 19 j 05:21	13°♉39'45	0.56263 AU
inferior conj	-1938 May 21 j 13:25	12°♉14'07	-3°-36'-5
minimum elong	-1938 May 21 j 07:06	12°♉23'49	3°34'40
morning rise	-1938 May 30 j 02:28	8°♉14'34	
direct	-1938 Jun 01 j 16:12	7°♉57'35	
morning max el	-1938 Jun 11 j 15:53	12°♉34'54	19°54'16
asc. node	-1938 Jun 23 j 00:13	28°♉25'48	
	-1938 Jun 23 j 20:57	0°♊	
morning set	-1938 Jun 29 j 12:47	11°♊00'44	
superior conj	-1938 Jul 07 j 11:03	27°♊04'02	1°45'19
minimum elong	-1938 Jul 07 j 09:42	26°♊57'16	1°45'19
	-1938 Jul 08 j 22:34	0°♋	
max. Earth dist.	-1938 Jul 12 j 23:23	7°♋47'34	1.36986 AU
evening rise	-1938 Jul 16 j 21:49	15°♋04'27	
	-1938 Jul 25 j 14:01	0°♌	
desc. node	-1938 Aug 03 j 00:17	13°♌06'18	
	-1938 Aug 15 j 13:13	0°♍	
evening max el	-1938 Aug 21 j 17:33	6°♍46'51	25°38'26
retrograde	-1938 Sep 02 j 22:32	13°♍48'04	
evening set	-1938 Sep 08 j 23:28	11°♍15'05	
min. Earth dist.	-1938 Sep 13 j 08:17	6°♍25'23	0.66801 AU
inferior conj	-1938 Sep 14 j 12:02	4°♍56'20	-1°-30'-23
minimum elong	-1938 Sep 14 j 14:14	4°♍49'16	1°29'30
asc. node	-1938 Sep 18 j 23:22	29°♌54'03	
	-1938 Sep 18 j 20:37	30°℞♌	
morning rise	-1938 Sep 20 j 05:42	28°♌57'43	
direct	-1938 Sep 23 j 12:09	27°♌55'55	
	-1938 Sep 28 j 10:51	0°♍	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning max el	-1938 Sep 30 j 15:56	2°♍00'03	19°20'52
greatest brilliancy	-1938 Oct 10 j 13:38	14°♍57'27	-0.7m
	-1938 Oct 20 j 09:45	0°♎	
morning set	-1938 Oct 24 j 05:35	5°♎57'24	
desc. node	-1938 Oct 29 j 23:42	14°♎56'36	
max. Earth dist.	-1938 Nov 07 j 00:53	27°♎35'27	1.44565 AU
	-1938 Nov 08 j 13:24	0°♏	
superior conj	-1938 Nov 10 j 00:27	2°♏19'13	-1°-7'-19
minimum elong	-1938 Nov 09 j 17:01	1°♏49'40	1°06'31
evening rise	-1938 Nov 24 j 14:51	26°♏02'45	
	-1938 Nov 27 j 00:01	0°♐	
evening max el	-1938 Dec 14 j 00:27	25°♐29'52	18°28'57
asc. node	-1938 Dec 15 j 22:37	27°♐14'14	
retrograde	-1938 Dec 20 j 14:40	29°♐08'11	
evening set	-1938 Dec 23 j 13:14	28°♐20'30	
inferior conj	-1938 Dec 29 j 13:12	22°♐46'24	3°35'42
minimum elong	-1938 Dec 29 j 10:41	22°♐53'42	3°35'14
min. Earth dist.	-1938 Dec 31 j 15:11	20°♐21'18	0.64355 AU
morning rise	-1937 Jan 04 j 06:47	16°♐41'18	
direct	-1937 Jan 11 j 03:43	13°♐50'36	
morning max el	-1937 Jan 24 j 15:33	21°♐36'09	27°22'22
desc. node	-1937 Jan 25 j 22:59	22°♐56'37	
	-1937 Feb 01 j 00:32	0°♑	
	-1937 Feb 20 j 17:43	0°♒	
morning set	-1937 Feb 28 j 19:12	14°♒59'56	
max. Earth dist.	-1937 Mar 05 j 17:06	24°♒54'18	1.33682 AU
	-1937 Mar 08 j 03:37	0°♓	
superior conj	-1937 Mar 08 j 20:01	1°♓26'41	0°-51'-13
minimum elong	-1937 Mar 08 j 22:21	1°♓39'04	0°50'47
asc. node	-1937 Mar 13 j 21:59	12°♓16'39	
evening rise	-1937 Mar 16 j 03:11	16°♓57'38	
	-1937 Mar 22 j 16:18	0°♈	
evening max el	-1937 Apr 06 j 11:31	21°♈11'23	22°17'28
retrograde	-1937 Apr 19 j 08:22	27°♈29'10	
evening set	-1937 Apr 22 j 05:58	27°♈10'37	
desc. node	-1937 Apr 23 j 22:04	26°♈44'08	
min. Earth dist.	-1937 Apr 30 j 18:57	23°♈29'26	0.55245 AU
inferior conj	-1937 May 01 j 14:28	23°♈01'47	-2°-6'-23
minimum elong	-1937 May 01 j 08:59	23°♈09'34	2°04'37
morning rise	-1937 May 10 j 13:51	19°♈06'03	
direct	-1937 May 13 j 08:12	18°♈48'42	
morning max el	-1937 May 25 j 00:13	24°♈16'35	21°13'39
	-1937 May 30 j 02:50	0°♉	
asc. node	-1937 Jun 09 j 21:18	17°♉46'42	
morning set	-1937 Jun 13 j 20:32	25°♉44'56	
	-1937 Jun 15 j 21:41	0°♊	
superior conj	-1937 Jun 21 j 08:16	11°♊21'29	1°35'30
minimum elong	-1937 Jun 21 j 05:57	11°♊09'32	1°35'20
max. Earth dist.	-1937 Jun 25 j 09:49	19°♊37'24	1.35346 AU
evening rise	-1937 Jun 29 j 19:43	28°♊12'31	
	-1937 Jun 30 j 18:33	0°♋	
	-1937 Jul 18 j 19:48	0°♌	
desc. node	-1937 Jul 20 j 21:18	2°♌57'30	
evening max el	-1937 Aug 04 j 05:04	20°♌19'45	26°37'58
retrograde	-1937 Aug 17 j 03:32	27°♌35'28	
evening set	-1937 Aug 23 j 18:00	24°♌51'48	
min. Earth dist.	-1937 Aug 27 j 19:02	20°♌40'06	0.65922 AU
inferior conj	-1937 Aug 29 j 10:56	18°♌40'15	-2°-23'-27
minimum elong	-1937 Aug 29 j 14:20	18°♌30'02	2°22'14
morning rise	-1937 Sep 04 j 11:45	12°♌53'26	
asc. node	-1937 Sep 05 j 20:27	12°♌19'06	
direct	-1937 Sep 07 j 09:50	12°♌05'24	
morning max el	-1937 Sep 14 j 02:37	15°♌48'01	18°34'59
	-1937 Sep 24 j 12:22	0°♍	
morning set	-1937 Oct 04 j 07:38	15°♍39'57	
	-1937 Oct 13 j 06:58	0°♎	
desc. node	-1937 Oct 16 j 20:44	5°♎39'17	
superior conj	-1937 Oct 20 j 00:53	10°♎39'25	0°-20'-22
minimum elong	-1937 Oct 19 j 22:11	10°♎28'47	0°20'02
max. Earth dist.	-1937 Oct 20 j 18:40	11°♎49'21	1.44937 AU
	-1937 Nov 01 j 07:38	0°♏	
evening rise	-1937 Nov 05 j 05:14	6°♏10'40	
	-1937 Nov 20 j 11:37	0°♐	
evening max el	-1937 Nov 27 j 10:41	8°♐56'07	19°05'19
asc. node	-1937 Dec 02 j 19:39	12°♐40'22	
retrograde	-1937 Dec 04 j 09:33	12°♐54'17	
evening set	-1937 Dec 07 j 14:18	11°♐55'04	
inferior conj	-1937 Dec 13 j 07:52	6°♐04'39	3°04'58
minimum elong	-1937 Dec 13 j 04:54	6°♐14'00	3°04'10
min. Earth dist.	-1937 Dec 14 j 19:09	4°♐13'50	0.65685 AU
morning rise	-1937 Dec 18 j 18:34	29°♏53'39	
	-1937 Dec 18 j 15:42	30°℞♏	
direct	-1937 Dec 25 j 05:21	27°♏05'44	
	-1936 Jan 01 j 17:01	0°♐	
morning max el	-1936 Jan 07 j 01:07	4°♐36'57	26°30'07
desc. node	-1936 Jan 12 j 20:03	11°♐03'56	
	-1936 Jan 26 j 12:04	0°♑	
morning set	-1936 Feb 12 j 01:26	28°♑16'47	
	-1936 Feb 12 j 23:13	0°♒	
max. Earth dist.	-1936 Feb 16 j 06:47	6°♒26'13	1.34927 AU
superior conj	-1936 Feb 20 j 19:38	15°♒35'43	-1°-15'-30
minimum elong	-1936 Feb 20 j 22:52	15°♒52'18	1°15'02
	-1936 Feb 27 j 17:49	0°♓	
evening rise	-1936 Feb 28 j 11:52	1°♓33'21	
asc. node	-1936 Feb 28 j 19:02	2°♓10'14	
	-1936 Mar 16 j 09:25	0°♈	
evening max el	-1936 Mar 18 j 12:59	2°♈14'30	20°51'09
retrograde	-1936 Mar 29 j 21:24	7°♈41'08	
evening set	-1936 Apr 01 j 04:27	7°♈28'40	
desc. node	-1936 Apr 09 j 19:08	3°♈51'15	
inferior conj	-1936 Apr 10 j 09:11	3°♈31'13	0°-9'-55
minimum elong	-1936 Apr 10 j 08:43	3°♈31'53	0°09'46
transit middle	-1936 Apr 10 j 08:43	3°♈31'53	0°09'46
transit begin	-1936 Apr 10 j 05:30	3°♈36'28	
transit end	-1936 Apr 10 j 11:56	3°♈27'17	
min. Earth dist.	-1936 Apr 11 j 08:43	2°♈57'39	0.55144 AU
	-1936 Apr 17 j 09:05	30°℞♓	
morning rise	-1936 Apr 19 j 11:47	29°♓21'34	
direct	-1936 Apr 22 j 19:47	28°♓57'27	
	-1936 Apr 28 j 02:03	0°♈	
morning max el	-1936 May 05 j 22:13	5°♈17'29	22°48'04
	-1936 May 22 j 23:43	0°♉	
asc. node	-1936 May 26 j 18:22	7°♉29'04	
morning set	-1936 May 28 j 07:20	10°♉40'14	
superior conj	-1936 Jun 04 j 12:26	26°♉00'41	1°20'25
minimum elong	-1936 Jun 04 j 09:51	25°♉46'56	1°20'05
	-1936 Jun 06 j 09:44	0°♊	
max. Earth dist.	-1936 Jun 07 j 06:11	1°♊46'59	1.34072 AU
evening rise	-1936 Jun 12 j 07:41	12°♊03'27	
	-1936 Jun 22 j 01:49	0°♋	
desc. node	-1936 Jul 06 j 18:20	22°♋16'17	
	-1936 Jul 13 j 02:53	0°♌	
evening max el	-1936 Jul 16 j 16:44	3°♌42'12	27°15'34
retrograde	-1936 Jul 30 j 02:56	11°♌02'57	
evening set	-1936 Aug 06 j 03:33	8°♌17'40	
min. Earth dist.	-1936 Aug 09 j 21:49	4°♌43'14	0.64674 AU
inferior conj	-1936 Aug 12 j 03:00	2°♌16'52	-3°-12'-40
minimum elong	-1936 Aug 12 j 07:11	2°♌05'21	3°11'26

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1936 Aug 14 j 06:27	30°℞♋	
morning rise	-1936 Aug 18 j 12:24	26°♋45'21	
direct	-1936 Aug 21 j 04:37	26°♋07'39	
asc. node	-1936 Aug 22 j 17:33	26°♋20'09	
morning max el	-1936 Aug 27 j 16:56	29°♋37'02	18°05'59
	-1936 Aug 28 j 01:53	0°♌	
morning set	-1936 Sep 14 j 13:47	26°♌44'25	
	-1936 Sep 16 j 12:25	0°♍	
superior conj	-1936 Sep 28 j 07:59	19°♍23'21	0°28'21
minimum elong	-1936 Sep 28 j 11:17	19°♍36'36	0°27'55
max. Earth dist.	-1936 Oct 02 j 13:03	26°♍06'20	1.44577 AU
desc. node	-1936 Oct 02 j 17:44	26°♍24'53	
	-1936 Oct 05 j 00:14	0°♎	
evening rise	-1936 Oct 14 j 21:23	15°♎24'15	
	-1936 Oct 24 j 09:34	0°♏	
greatest brilliancy	-1936 Nov 02 j 09:58	13°♏17'43	-0.6m
evening max el	-1936 Nov 09 j 16:38	22°♏23'31	19°57'32
retrograde	-1936 Nov 17 j 06:43	26°♏49'47	
asc. node	-1936 Nov 18 j 16:43	26°♏38'14	
evening set	-1936 Nov 20 j 19:37	25°♏36'47	
inferior conj	-1936 Nov 26 j 08:42	19°♏32'59	2°25'18
minimum elong	-1936 Nov 26 j 05:55	19°♏42'12	2°24'22
min. Earth dist.	-1936 Nov 27 j 06:40	18°♏20'02	0.66642 AU
morning rise	-1936 Dec 01 j 15:37	13°♏18'16	
direct	-1936 Dec 07 j 12:27	10°♏43'59	
morning max el	-1936 Dec 19 j 09:54	17°♏47'37	25°16'35
desc. node	-1936 Dec 29 j 17:05	0°♐01'51	
	-1936 Dec 29 j 16:32	0°♐	
	-1935 Jan 18 j 12:22	0°♑	
morning set	-1935 Jan 24 j 14:52	10°♑38'11	
max. Earth dist.	-1935 Jan 28 j 09:14	17°♑33'07	1.36610 AU
superior conj	-1935 Feb 03 j 10:18	29°♑12'35	-1°-36'-36
minimum elong	-1935 Feb 03 j 13:48	29°♑29'52	1°36'17
	-1935 Feb 03 j 19:52	0°♒	
evening rise	-1935 Feb 11 j 15:57	15°♒48'50	
asc. node	-1935 Feb 14 j 16:04	21°♒47'22	
	-1935 Feb 19 j 01:35	0°♓	
evening max el	-1935 Mar 01 j 01:08	13°♓52'33	19°40'49
retrograde	-1935 Mar 10 j 16:31	18°♓28'41	
evening set	-1935 Mar 12 j 21:50	18°♓15'07	
inferior conj	-1935 Mar 21 j 11:51	14°♓11'34	1°40'39
minimum elong	-1935 Mar 21 j 15:45	14°♓05'25	1°39'24
min. Earth dist.	-1935 Mar 23 j 22:59	12°♓38'44	0.55970 AU
desc. node	-1935 Mar 27 j 16:12	10°♓35'15	
morning rise	-1935 Mar 30 j 06:18	9°♓33'27	
direct	-1935 Apr 03 j 14:25	8°♓51'25	
morning max el	-1935 Apr 17 j 13:54	15°♓52'40	24°28'09
	-1935 Apr 28 j 20:37	0°♈	
morning set	-1935 May 12 j 19:24	25°♈40'37	
asc. node	-1935 May 13 j 15:26	27°♈26'20	
	-1935 May 14 j 20:15	0°♉	
superior conj	-1935 May 19 j 21:03	10°♉53'35	1°01'20
minimum elong	-1935 May 19 j 18:44	10°♉41'00	1°00'57
max. Earth dist.	-1935 May 21 j 11:27	14°♉20'46	1.33171 AU
evening rise	-1935 May 27 j 05:36	26°♉24'41	
	-1935 May 29 j 00:34	0°♊	
	-1935 Jun 15 j 11:19	0°♋	
desc. node	-1935 Jun 23 j 15:23	10°♋49'08	
evening max el	-1935 Jun 29 j 02:35	16°♋41'14	27°24'41
retrograde	-1935 Jul 12 j 20:13	24°♋02'03	
evening set	-1935 Jul 20 j 00:44	21°♋27'16	
min. Earth dist.	-1935 Jul 23 j 14:50	18°♋24'52	0.63060 AU
inferior conj	-1935 Jul 26 j 09:31	15°♋40'16	-3°-54'-34
minimum elong	-1935 Jul 26 j 13:38	15°♋30'04	3°53'41

morning rise	-1935 Aug 02 j 04:43	10°♋27'28	
direct	-1935 Aug 04 j 17:25	9°♋57'17	
asc. node	-1935 Aug 09 j 14:37	11°♋50'46	
morning max el	-1935 Aug 11 j 08:15	13°♋21'53	17°54'48
	-1935 Aug 22 j 17:17	0°♌	
morning set	-1935 Aug 27 j 19:50	8°♌57'28	
superior conj	-1935 Sep 08 j 15:00	29°♌19'34	1°07'40
minimum elong	-1935 Sep 08 j 20:24	29°♌42'11	1°07'03
	-1935 Sep 09 j 00:40	0°♍	
max. Earth dist.	-1935 Sep 15 j 04:45	10°♍07'33	1.43532 AU
desc. node	-1935 Sep 19 j 14:45	17°♍10'37	
evening rise	-1935 Sep 24 j 03:00	24°♍14'01	
	-1935 Sep 27 j 20:57	0°♎	
greatest brilliancy	-1935 Oct 18 j 06:04	29°♎27'20	-0.5m
	-1935 Oct 18 j 16:16	0°♏	
evening max el	-1935 Oct 23 j 16:51	5°♏50'51	21°03'10
retrograde	-1935 Nov 01 j 04:00	10°♏52'01	
evening set	-1935 Nov 05 j 03:07	9°♏22'57	
asc. node	-1935 Nov 05 j 13:46	9°♏01'46	
inferior conj	-1935 Nov 10 j 13:24	3°♏09'10	1°39'19
minimum elong	-1935 Nov 10 j 11:17	3°♏16'24	1°38'29
min. Earth dist.	-1935 Nov 10 j 23:38	2°♏34'06	0.67245 AU
	-1935 Nov 12 j 22:02	30°℞♎	
morning rise	-1935 Nov 15 j 19:05	26°♎52'56	
direct	-1935 Nov 21 j 00:30	24°♎38'31	
	-1935 Nov 30 j 16:53	0°♏	
morning max el	-1935 Dec 01 j 18:40	1°♏03'15	23°51'34
desc. node	-1935 Dec 16 j 14:07	19°♏36'00	
	-1935 Dec 23 j 16:18	0°♐	
morning set	-1934 Jan 06 j 05:27	21°♐48'21	
max. Earth dist.	-1934 Jan 10 j 05:12	28°♐45'03	1.38615 AU
	-1934 Jan 10 j 22:04	0°♑	
superior conj	-1934 Jan 17 j 12:19	12°♑07'27	-1°-52'-5
minimum elong	-1934 Jan 17 j 14:57	12°♑19'56	1°52'00
evening rise	-1934 Jan 26 j 13:00	29°♑37'32	
	-1934 Jan 26 j 17:36	0°♒	
asc. node	-1934 Feb 01 j 13:05	11°♒02'09	
evening max el	-1934 Feb 11 j 23:22	26°♒06'14	18°49'49
	-1934 Feb 19 j 02:52	0°♓	
retrograde	-1934 Feb 20 j 04:04	0°♓03'48	
	-1934 Feb 21 j 05:34	30°℞♒	
evening set	-1934 Feb 22 j 12:32	29°♒45'30	
inferior conj	-1934 Mar 02 j 08:43	25°♒25'15	3°00'14
minimum elong	-1934 Mar 02 j 13:11	25°♒17'03	2°59'13
min. Earth dist.	-1934 Mar 05 j 15:12	23°♒02'47	0.57529 AU
morning rise	-1934 Mar 10 j 09:51	20°♒15'48	
desc. node	-1934 Mar 14 j 13:16	19°♒06'44	
direct	-1934 Mar 15 j 22:08	19°♒02'08	
morning max el	-1934 Mar 30 j 05:25	26°♒29'29	25°59'33
	-1934 Apr 02 j 13:34	0°♓	
	-1934 Apr 22 j 00:10	0°♈	
morning set	-1934 Apr 27 j 07:03	10°♈40'03	
asc. node	-1934 Apr 30 j 12:27	17°♈33'13	
superior conj	-1934 May 04 j 08:06	25°♈53'10	0°39'17
minimum elong	-1934 May 04 j 06:27	25°♈44'11	0°38'57
max. Earth dist.	-1934 May 04 j 22:26	27°♈11'35	1.32634 AU
	-1934 May 06 j 05:19	0°♉	
evening rise	-1934 May 11 j 10:18	11°♉05'55	
	-1934 May 21 j 06:29	0°♊	
desc. node	-1934 Jun 10 j 12:26	28°♊16'17	
evening max el	-1934 Jun 11 j 07:55	29°♊03'44	27°01'20
	-1934 Jun 12 j 08:10	0°♋	
retrograde	-1934 Jun 25 j 06:42	6°♋22'58	
evening set	-1934 Jul 02 j 05:21	4°♋12'49	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

min. Earth dist.	-1934 Jul 05 j 21:39	1°♋30'22	0.61143 AU
	-1934 Jul 07 j 15:39	30°℞♊	
inferior conj	-1934 Jul 09 j 03:08	28°♊41'56	-4°-23'-47
minimum elong	-1934 Jul 09 j 05:47	28°♊36'08	4°23'30
morning rise	-1934 Jul 16 j 09:11	23°♊50'39	
direct	-1934 Jul 18 j 20:26	23°♊25'52	
morning max el	-1934 Jul 25 j 21:40	26°♊55'04	18°02'18
asc. node	-1934 Jul 27 j 11:41	28°♊35'54	
	-1934 Jul 28 j 15:24	0°♋	
morning set	-1934 Aug 10 j 19:55	22°♋02'05	
	-1934 Aug 15 j 03:43	0°♌	
superior conj	-1934 Aug 21 j 01:25	10°♌36'57	1°33'16
minimum elong	-1934 Aug 21 j 05:30	10°♌54'55	1°32'57
max. Earth dist.	-1934 Aug 28 j 14:42	23°♌33'09	1.41945 AU
	-1934 Sep 01 j 12:59	0°♍	
evening rise	-1934 Sep 03 j 16:42	3°♍27'41	
desc. node	-1934 Sep 06 j 11:46	7°♍52'41	
	-1934 Sep 21 j 06:46	0°♎	
greatest brilliancy	-1934 Oct 01 j 17:20	13°♎57'29	-0.3m
evening max el	-1934 Oct 06 j 11:02	19°♎17'37	22°18'45
retrograde	-1934 Oct 15 j 23:36	24°♎57'29	
evening set	-1934 Oct 20 j 10:59	23°♎10'32	
asc. node	-1934 Oct 23 j 10:49	20°♎02'01	
inferior conj	-1934 Oct 25 j 19:59	16°♎50'28	0°48'51
minimum elong	-1934 Oct 25 j 18:52	16°♎54'19	0°48'22
min. Earth dist.	-1934 Oct 25 j 19:36	16°♎51'49	0.67519 AU
morning rise	-1934 Oct 31 j 02:37	10°♎35'17	
direct	-1934 Nov 04 j 16:52	8°♎42'58	
morning max el	-1934 Nov 14 j 05:57	14°♎22'57	22°24'42
greatest brilliancy	-1934 Nov 18 j 21:57	19°♎37'50	-0.3m
	-1934 Nov 26 j 18:56	0°♏	
desc. node	-1934 Dec 03 j 11:08	9°♏35'44	
	-1934 Dec 16 j 16:16	0°♐	
morning set	-1934 Dec 17 j 15:45	1°♐35'01	
max. Earth dist.	-1934 Dec 23 j 02:00	10°♐34'24	1.40704 AU
superior conj	-1934 Dec 30 j 20:51	24°♐08'09	-1°-58'-39
minimum elong	-1934 Dec 30 j 20:59	24°♐08'43	1°58'42
	-1933 Jan 03 j 02:23	0°♑	
evening rise	-1933 Jan 09 j 23:59	12°♑52'08	
asc. node	-1933 Jan 19 j 10:06	29°♑47'18	
	-1933 Jan 19 j 13:15	0°♒	
evening max el	-1933 Jan 26 j 05:21	8°♒49'22	18°18'57
retrograde	-1933 Feb 02 j 10:08	12°♒23'55	
evening set	-1933 Feb 04 j 22:25	11°♒58'51	
inferior conj	-1933 Feb 12 j 02:23	7°♒17'43	3°43'32
minimum elong	-1933 Feb 12 j 04:49	7°♒12'32	3°43'14
min. Earth dist.	-1933 Feb 15 j 11:49	4°♒25'38	0.59502 AU
morning rise	-1933 Feb 19 j 07:49	1°♒44'20	
	-1933 Feb 24 j 01:10	30°℞♑	
direct	-1933 Feb 25 j 18:52	29°♑51'52	
	-1933 Feb 27 j 13:04	0°♒	
desc. node	-1933 Mar 01 j 10:18	0°♒26'07	
morning max el	-1933 Mar 12 j 01:33	7°♒33'07	27°07'26
	-1933 Mar 28 j 23:53	0°♓	
morning set	-1933 Apr 11 j 16:37	25°♓32'26	
	-1933 Apr 13 j 19:25	0°♈	
asc. node	-1933 Apr 17 j 09:29	7°♈45'19	
superior conj	-1933 Apr 18 j 19:52	10°♈53'33	0°15'05
minimum elong	-1933 Apr 18 j 19:12	10°♈49'51	0°14'57
behind sun begin	-1933 Apr 18 j 17:35	10°♈41'01	
behind sun end	-1933 Apr 18 j 20:48	10°♈58'42	
max. Earth dist.	-1933 Apr 18 j 11:32	10°♈07'50	1.32448 AU
evening rise	-1933 Apr 25 j 19:20	25°♈59'00	
	-1933 Apr 27 j 17:50	0°♉	
	-1933 May 15 j 03:51	0°♊	
evening max el	-1933 May 24 j 07:04	10°♊43'35	26°05'59
desc. node	-1933 May 28 j 09:26	14°♊10'50	
retrograde	-1933 Jun 07 j 08:53	17°♊58'59	
evening set	-1933 Jun 13 j 13:13	16°♊25'15	
min. Earth dist.	-1933 Jun 17 j 19:53	13°♊45'23	0.59092 AU
inferior conj	-1933 Jun 21 j 04:18	11°♊13'26	-4°-32'-8
minimum elong	-1933 Jun 21 j 03:45	11°♊14'30	4°32'06
morning rise	-1933 Jun 28 j 21:59	6°♊44'33	
direct	-1933 Jul 01 j 09:25	6°♊23'38	
morning max el	-1933 Jul 09 j 06:15	10°♊08'42	18°29'28
asc. node	-1933 Jul 14 j 08:45	16°♊20'43	
	-1933 Jul 22 j 08:29	0°♋	
morning set	-1933 Jul 25 j 09:10	5°♋46'09	
superior conj	-1933 Aug 03 j 11:07	23°♋04'02	1°45'53
minimum elong	-1933 Aug 03 j 12:46	23°♋11'45	1°45'52
	-1933 Aug 07 j 06:12	0°♌	
max. Earth dist.	-1933 Aug 10 j 18:57	6°♌14'30	1.40040 AU
evening rise	-1933 Aug 15 j 04:47	13°♌45'13	
desc. node	-1933 Aug 24 j 08:46	28°♌27'24	
	-1933 Aug 25 j 08:53	0°♍	
	-1933 Sep 16 j 09:49	0°♎	
evening max el	-1933 Sep 19 j 00:41	2°♎46'26	23°39'06
retrograde	-1933 Sep 29 j 16:07	9°♎03'23	
evening set	-1933 Oct 04 j 17:29	6°♎57'39	
min. Earth dist.	-1933 Oct 09 j 16:06	1°♎11'27	0.67486 AU
inferior conj	-1933 Oct 10 j 02:42	0°♎35'13	0°-4'-26
minimum elong	-1933 Oct 10 j 02:48	0°♎34'52	0°04'25
transit middle	-1933 Oct 10 j 02:48	0°♎34'52	0°04'25
transit begin	-1933 Oct 10 j 00:11	0°♎43'47	
transit end	-1933 Oct 10 j 05:25	0°♎25'57	
asc. node	-1933 Oct 10 j 07:52	0°♎17'34	
	-1933 Oct 10 j 13:02	30°℞♍	
morning rise	-1933 Oct 15 j 12:13	24°♍23'58	
direct	-1933 Oct 19 j 12:37	22°♍53'11	
morning max el	-1933 Oct 27 j 22:56	27°♍49'46	21°03'50
	-1933 Oct 29 j 23:14	0°♎	
greatest brilliancy	-1933 Nov 02 j 12:32	4°♎19'18	-0.5m
desc. node	-1933 Nov 20 j 08:09	29°♎53'41	
	-1933 Nov 20 j 09:49	0°♏	
morning set	-1933 Nov 26 j 23:14	10°♏07'15	
max. Earth dist.	-1933 Dec 05 j 05:23	23°♏18'13	1.42597 AU
	-1933 Dec 09 j 06:48	0°♐	
superior conj	-1933 Dec 12 j 06:21	5°♐01'18	-1°-52'-8
minimum elong	-1933 Dec 12 j 02:21	4°♐44'22	1°51'59
evening rise	-1933 Dec 23 j 21:06	25°♐24'14	
	-1933 Dec 26 j 10:35	0°♑	
asc. node	-1932 Jan 06 j 07:07	17°♑53'12	
evening max el	-1932 Jan 09 j 16:05	21°♑53'01	18°07'53
retrograde	-1932 Jan 16 j 07:48	25°♑19'16	
evening set	-1932 Jan 18 j 23:46	24°♑46'10	
inferior conj	-1932 Jan 25 j 14:34	19°♑43'16	3°56'43
minimum elong	-1932 Jan 25 j 14:30	19°♑43'25	3°56'40
min. Earth dist.	-1932 Jan 28 j 15:21	16°♑46'20	0.61557 AU
morning rise	-1932 Feb 01 j 02:49	13°♑54'00	
direct	-1932 Feb 08 j 01:52	11°♑28'07	
desc. node	-1932 Feb 16 j 07:21	14°♑23'06	
morning max el	-1932 Feb 22 j 03:44	19°♑15'18	27°41'43
	-1932 Mar 02 j 07:30	0°♒	
	-1932 Mar 20 j 18:40	0°♓	
morning set	-1932 Mar 25 j 22:06	10°♓09'31	
max. Earth dist.	-1932 Mar 31 j 22:57	22°♓55'10	1.32621 AU
superior conj	-1932 Apr 02 j 06:38	25°♓47'22	0°-10'-28
minimum elong	-1932 Apr 02 j 07:07	25°♓49'59	0°10'22

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

behind sun begin	-1932 Apr 02 j 03:15	25°♓28'53	
behind sun end	-1932 Apr 02 j 11:00	26°♓11'06	
asc. node	-1932 Apr 03 j 06:30	27°♓57'27	
	-1932 Apr 04 j 04:58	0°♈	
evening rise	-1932 Apr 09 j 06:35	10°♈55'25	
	-1932 Apr 19 j 02:23	0°♉	
evening max el	-1932 May 05 j 00:23	21°♉43'42	24°45'10
desc. node	-1932 May 14 j 06:29	27°♉56'54	
retrograde	-1932 May 19 j 00:03	28°♉48'27	
evening set	-1932 May 23 j 22:38	27°♉53'03	
min. Earth dist.	-1932 May 29 j 12:15	24°♉59'20	0.57179 AU
inferior conj	-1932 Jun 01 j 09:57	23°♉05'04	-4°-8'-27
minimum elong	-1932 Jun 01 j 05:16	23°♉12'48	4°07'44
morning rise	-1932 Jun 09 j 15:52	18°♉56'24	
direct	-1932 Jun 12 j 04:35	18°♉38'13	
morning max el	-1932 Jun 21 j 06:59	22°♉52'29	19°17'18
	-1932 Jun 27 j 04:16	0°♊	
asc. node	-1932 Jun 30 j 05:49	4°♊51'07	
morning set	-1932 Jul 08 j 07:47	19°♊59'36	
	-1932 Jul 13 j 08:10	0°♋	
superior conj	-1932 Jul 16 j 14:18	6°♋24'37	1°47'57
minimum elong	-1932 Jul 16 j 13:51	6°♋22'22	1°48'00
max. Earth dist.	-1932 Jul 22 j 21:25	18°♋19'16	1.38066 AU
evening rise	-1932 Jul 26 j 18:23	25°♋16'32	
	-1932 Jul 29 j 11:50	0°♌	
desc. node	-1932 Aug 10 j 05:46	18°♌50'15	
	-1932 Aug 17 j 23:53	0°♍	
evening max el	-1932 Aug 31 j 12:11	16°♍19'12	24°57'29
retrograde	-1932 Sep 12 j 04:33	23°♍06'25	
evening set	-1932 Sep 17 j 20:56	20°♍42'38	
min. Earth dist.	-1932 Sep 22 j 10:39	15°♍31'37	0.67144 AU
inferior conj	-1932 Sep 23 j 07:50	14°♍21'41	0°-59'-2
minimum elong	-1932 Sep 23 j 09:17	14°♍16'57	0°58'26
asc. node	-1932 Sep 26 j 04:57	10°♍46'08	
morning rise	-1932 Sep 28 j 22:02	8°♍17'32	
direct	-1932 Oct 02 j 10:30	7°♍05'56	
morning max el	-1932 Oct 09 j 23:24	11°♍26'19	19°54'25
greatest brilliancy	-1932 Oct 17 j 14:03	20°♍53'11	-0.6m
	-1932 Oct 23 j 20:41	0°♎	
morning set	-1932 Nov 04 j 20:28	18°♎17'50	
desc. node	-1932 Nov 06 j 05:10	20°♎24'32	
	-1932 Nov 12 j 08:32	0°♏	
max. Earth dist.	-1932 Nov 16 j 16:44	6°♏52'30	1.44027 AU
superior conj	-1932 Nov 21 j 12:46	14°♏38'51	-1°-28'-46
minimum elong	-1932 Nov 21 j 05:18	14°♏08'34	1°28'07
	-1932 Nov 30 j 19:36	0°♐	
evening rise	-1932 Dec 05 j 00:02	7°♐05'57	
	-1932 Dec 18 j 23:49	0°♑	
evening max el	-1932 Dec 23 j 04:41	5°♑09'48	18°15'58
asc. node	-1932 Dec 23 j 04:10	5°♑08'28	
retrograde	-1932 Dec 29 j 16:58	8°♑40'26	
evening set	-1931 Jan 01 j 12:53	7°♑58'20	
inferior conj	-1931 Jan 07 j 17:30	2°♑34'47	3°48'00
minimum elong	-1931 Jan 07 j 15:37	2°♑39'56	3°47'45
min. Earth dist.	-1931 Jan 10 j 04:07	29°♐54'11	0.63426 AU
	-1931 Jan 10 j 01:56	30°℞♐	
morning rise	-1931 Jan 13 j 16:43	26°♐34'40	
direct	-1931 Jan 20 j 16:55	23°♐48'53	
	-1931 Feb 01 j 18:26	0°♑	
desc. node	-1931 Feb 02 j 04:25	0°♑23'00	
morning max el	-1931 Feb 03 j 10:56	1°♑36'21	27°39'23
	-1931 Feb 24 j 11:36	0°♒	
morning set	-1931 Mar 09 j 21:09	24°♒23'34	
	-1931 Mar 12 j 15:27	0°♓	
max. Earth dist.	-1931 Mar 15 j 04:52	5°♓20'41	1.33182 AU
superior conj	-1931 Mar 17 j 14:43	10°♓28'51	0°-36'-26
minimum elong	-1931 Mar 17 j 16:24	10°♓37'54	0°36'07
asc. node	-1931 Mar 21 j 03:32	18°♓05'42	
evening rise	-1931 Mar 24 j 18:19	25°♓48'47	
	-1931 Mar 26 j 18:40	0°♈	
	-1931 Apr 14 j 08:29	0°♉	
evening max el	-1931 Apr 16 j 15:45	2°♉22'42	23°11'21
retrograde	-1931 Apr 30 j 02:23	9°♉02'49	
desc. node	-1931 May 01 j 03:32	9°♉00'21	
evening set	-1931 May 03 j 15:54	8°♉35'02	
min. Earth dist.	-1931 May 11 j 01:51	5°♉15'01	0.55742 AU
inferior conj	-1931 May 12 j 19:56	4°♉13'27	-3°-2'-50
minimum elong	-1931 May 12 j 13:19	4°♉23'10	3°01'02
morning rise	-1931 May 21 j 13:52	0°♉17'29	
direct	-1931 May 24 j 05:12	0°♉00'38	
morning max el	-1931 Jun 03 j 21:33	4°♉57'57	20°25'46
asc. node	-1931 Jun 17 j 02:52	23°♉56'10	
	-1931 Jun 20 j 06:19	0°♊	
morning set	-1931 Jun 22 j 12:53	4°♊34'41	
superior conj	-1931 Jun 30 j 06:06	20°♊24'43	1°41'54
minimum elong	-1931 Jun 30 j 04:14	20°♊15'19	1°41'49
max. Earth dist.	-1931 Jul 05 j 03:42	0°♋08'08	1.36253 AU
	-1931 Jul 05 j 02:01	0°♋	
evening rise	-1931 Jul 09 j 05:59	7°♋53'01	
	-1931 Jul 22 j 05:06	0°♌	
desc. node	-1931 Jul 28 j 02:48	8°♌55'10	
evening max el	-1931 Aug 13 j 23:25	29°♌53'19	26°06'02
	-1931 Aug 14 j 02:10	0°♍	
retrograde	-1931 Aug 26 j 12:14	7°♍01'16	
evening set	-1931 Sep 01 j 19:21	4°♍22'51	
	-1931 Sep 05 j 21:23	30°℞♌	
min. Earth dist.	-1931 Sep 06 j 00:48	29°♌49'25	0.66472 AU
inferior conj	-1931 Sep 07 j 09:34	28°♌07'01	-1°-53'-15
minimum elong	-1931 Sep 07 j 12:18	27°♌58'27	1°52'10
morning rise	-1931 Sep 13 j 06:06	22°♌13'10	
asc. node	-1931 Sep 13 j 02:03	22°♌19'19	
direct	-1931 Sep 16 j 08:47	21°♌17'34	
morning max el	-1931 Sep 23 j 06:54	25°♌11'02	18°59'25
	-1931 Sep 27 j 08:41	0°♍	
morning set	-1931 Oct 15 j 07:30	27°♍14'55	
	-1931 Oct 17 j 01:25	0°♎	
desc. node	-1931 Oct 24 j 02:11	11°♎03'34	
max. Earth dist.	-1931 Oct 30 j 09:26	20°♎58'22	1.44812 AU
superior conj	-1931 Oct 31 j 19:34	23°♎12'55	0°-48'-28
minimum elong	-1931 Oct 31 j 13:31	22°♎49'06	0°47'45
	-1931 Nov 05 j 02:24	0°♏	
evening rise	-1931 Nov 16 j 04:27	17°♏48'49	
	-1931 Nov 23 j 16:27	0°♐	
evening max el	-1931 Dec 06 j 16:24	18°♐32'52	18°42'20
asc. node	-1931 Dec 10 j 01:14	21°♐18'23	
retrograde	-1931 Dec 13 j 09:22	22°♐18'37	
evening set	-1931 Dec 16 j 10:24	21°♐26'07	
inferior conj	-1931 Dec 22 j 07:21	15°♐44'26	3°23'55
minimum elong	-1931 Dec 22 j 04:33	15°♐52'52	3°23'19
min. Earth dist.	-1931 Dec 24 j 02:49	13°♐33'30	0.64964 AU
morning rise	-1931 Dec 27 j 21:35	9°♐36'33	
direct	-1930 Jan 03 j 14:41	6°♐45'49	
morning max el	-1930 Jan 16 j 20:31	14°♐26'21	27°03'27
desc. node	-1930 Jan 20 j 01:28	17°♐51'02	
	-1930 Jan 29 j 14:12	0°♑	
	-1930 Feb 17 j 03:32	0°♒	
morning set	-1930 Feb 21 j 10:40	8°♒04'33	
max. Earth dist.	-1930 Feb 26 j 01:31	17°♒13'52	1.34161 AU
superior conj	-1930 Mar 01 j 18:05	24°♒51'19	-1°-1'-46

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-1930 Mar 01 j 20:51	25°♒05'48	1°01'19
	-1930 Mar 04 j 04:42	0°♓	
asc. node	-1930 Mar 08 j 00:36	8°♓05'48	
evening rise	-1930 Mar 09 j 04:39	10°♓32'33	
	-1930 Mar 19 j 10:46	0°♈	
evening max el	-1930 Mar 29 j 11:47	13°♈09'24	21°39'03
retrograde	-1930 Apr 10 j 18:25	19°♈06'57	
evening set	-1930 Apr 13 j 08:01	18°♈52'05	
desc. node	-1930 Apr 18 j 00:35	17°♈17'33	
inferior conj	-1930 Apr 22 j 16:37	14°♈49'49	-1°-18'-27
minimum elong	-1930 Apr 22 j 12:58	14°♈54'56	1°17'12
min. Earth dist.	-1930 Apr 22 j 15:11	14°♈51'50	0.55087 AU
morning rise	-1930 May 01 j 18:39	10°♈50'51	
direct	-1930 May 04 j 17:21	10°♈31'47	
morning max el	-1930 May 17 j 01:19	16°♈21'48	21°52'28
	-1930 May 27 j 14:57	0°♉	
asc. node	-1930 Jun 03 j 23:56	13°♉27'13	
morning set	-1930 Jun 06 j 22:12	19°♉24'55	
	-1930 Jun 11 j 22:58	0°♊	
superior conj	-1930 Jun 14 j 06:40	4°♊53'08	1°29'40
minimum elong	-1930 Jun 14 j 04:10	4°♊40'02	1°29'25
max. Earth dist.	-1930 Jun 17 j 18:22	12°♊05'33	1.34755 AU
evening rise	-1930 Jun 22 j 10:28	21°♊21'12	
	-1930 Jun 27 j 01:26	0°♋	
desc. node	-1930 Jul 14 j 23:51	28°♋34'22	
	-1930 Jul 16 j 01:02	0°♌	
evening max el	-1930 Jul 27 j 10:59	13°♌22'48	26°56'58
retrograde	-1930 Aug 09 j 14:56	20°♌41'47	
evening set	-1930 Aug 16 j 10:26	17°♌55'45	
min. Earth dist.	-1930 Aug 20 j 08:17	14°♌00'34	0.65440 AU
inferior conj	-1930 Aug 22 j 05:51	11°♌48'26	-2°-45'00
minimum elong	-1930 Aug 22 j 09:39	11°♌37'24	2°43'43
morning rise	-1930 Aug 28 j 10:11	6°♌08'02	
asc. node	-1930 Aug 30 j 23:07	5°♌25'16	
direct	-1930 Aug 31 j 05:29	5°♌24'53	
morning max el	-1930 Sep 06 j 19:33	9°♌00'42	18°20'34
	-1930 Sep 21 j 07:03	0°♍	
morning set	-1930 Sep 25 j 21:38	7°♍32'50	
	-1930 Oct 09 j 19:58	0°♎	
superior conj	-1930 Oct 10 j 20:00	1°♎35'07	0°00'53
minimum elong	-1930 Oct 10 j 20:07	1°♎35'35	0°00'52
behind sun begin	-1930 Oct 10 j 08:59	0°♎51'31	
behind sun end	-1930 Oct 11 j 07:15	2°♎19'37	
desc. node	-1930 Oct 10 j 23:13	1°♎47'53	
max. Earth dist.	-1930 Oct 13 j 03:54	5°♎15'46	1.44870 AU
evening rise	-1930 Oct 27 j 08:40	27°♎31'23	
	-1930 Oct 28 j 22:39	0°♏	
greatest brilliancy	-1930 Nov 10 j 22:37	20°♏03'16	-0.7m
	-1930 Nov 18 j 06:03	0°♐	
evening max el	-1930 Nov 20 j 00:55	1°♐58'53	19°25'41
asc. node	-1930 Nov 26 j 22:18	6°♐08'00	
retrograde	-1930 Nov 27 j 05:39	6°♐08'32	
evening set	-1930 Nov 30 j 13:31	5°♐03'48	
	-1930 Dec 05 j 12:28	30°℞♏	
inferior conj	-1930 Dec 06 j 04:56	29°♏07'05	2°49'03
minimum elong	-1930 Dec 06 j 01:59	29°♏16'38	2°48'10
min. Earth dist.	-1930 Dec 07 j 10:20	27°♏32'09	0.66131 AU
morning rise	-1930 Dec 11 j 13:40	22°♏53'57	
direct	-1930 Dec 17 j 18:40	20°♏10'52	
morning max el	-1930 Dec 30 j 06:02	27°♏32'45	26°00'55
	-1929 Jan 01 j 14:00	0°♐	
desc. node	-1929 Jan 06 j 22:31	6°♐21'34	
	-1929 Jan 23 j 06:38	0°♑	
morning set	-1929 Feb 04 j 10:28	20°♑59'40	
max. Earth dist.	-1929 Feb 08 j 10:13	28°♑32'32	1.35586 AU
	-1929 Feb 09 j 04:15	0°♒	
superior conj	-1929 Feb 13 j 14:16	8°♒47'14	-1°-24'-58
minimum elong	-1929 Feb 13 j 17:43	9°♒04'39	1°24'33
evening rise	-1929 Feb 21 j 11:39	25°♒00'05	
asc. node	-1929 Feb 22 j 21:38	27°♒52'47	
	-1929 Feb 23 j 23:01	0°♓	
evening max el	-1929 Mar 11 j 17:38	24°♓26'25	20°19'02
retrograde	-1929 Mar 22 j 08:50	29°♓31'09	
evening set	-1929 Mar 24 j 13:45	29°♓18'58	
inferior conj	-1929 Apr 02 j 13:05	25°♓20'44	0°39'35
minimum elong	-1929 Apr 02 j 14:51	25°♓18'07	0°38'58
min. Earth dist.	-1929 Apr 04 j 05:20	24°♓21'19	0.55380 AU
desc. node	-1929 Apr 04 j 21:39	23°♓57'42	
morning rise	-1929 Apr 11 j 13:36	20°♓59'49	
direct	-1929 Apr 15 j 06:28	20°♓29'53	
morning max el	-1929 Apr 28 j 20:10	27°♓09'58	23°30'45
	-1929 May 01 j 14:17	0°♈	
	-1929 May 20 j 06:49	0°♉	
asc. node	-1929 May 21 j 20:59	3°♉16'32	
morning set	-1929 May 22 j 09:45	4°♉23'11	
superior conj	-1929 May 29 j 13:02	19°♉39'29	1°12'46
minimum elong	-1929 May 29 j 10:30	19°♉25'55	1°12'24
max. Earth dist.	-1929 May 31 j 18:35	24°♉24'48	1.33639 AU
	-1929 Jun 03 j 10:44	0°♊	
evening rise	-1929 Jun 06 j 03:06	5°♊26'35	
	-1929 Jun 19 j 17:02	0°♋	
desc. node	-1929 Jul 01 j 20:53	17°♋35'48	
evening max el	-1929 Jul 09 j 21:59	26°♋36'23	27°23'09
	-1929 Jul 13 j 20:46	0°♌	
retrograde	-1929 Jul 23 j 12:03	3°♌58'27	
evening set	-1929 Jul 30 j 15:12	1°♌15'47	
	-1929 Aug 01 j 03:48	30°℞♋	
min. Earth dist.	-1929 Aug 03 j 07:06	27°♋55'59	0.64030 AU
inferior conj	-1929 Aug 05 j 18:12	25°♋20'13	-3°-31'-36
minimum elong	-1929 Aug 05 j 22:29	25°♋08'53	3°30'29
morning rise	-1929 Aug 12 j 07:40	19°♋56'23	
direct	-1929 Aug 14 j 21:58	19°♋22'23	
asc. node	-1929 Aug 17 j 20:11	20°♋05'44	
morning max el	-1929 Aug 21 j 10:40	22°♋48'56	17°58'57
	-1929 Aug 27 j 01:46	0°♌	
morning set	-1929 Sep 07 j 14:37	19°♌08'07	
	-1929 Sep 13 j 23:53	0°♍	
superior conj	-1929 Sep 20 j 12:02	10°♍46'33	0°46'36
minimum elong	-1929 Sep 20 j 16:47	11°♍05'54	0°45'59
max. Earth dist.	-1929 Sep 25 j 20:51	19°♍25'44	1.44208 AU
desc. node	-1929 Sep 27 j 20:15	22°♍34'00	
	-1929 Oct 02 j 13:52	0°♎	
evening rise	-1929 Oct 06 j 18:12	6°♎28'58	
	-1929 Oct 22 j 08:17	0°♏	
greatest brilliancy	-1929 Oct 27 j 19:48	7°♏43'04	-0.6m
evening max el	-1929 Nov 03 j 04:28	15°♏26'03	20°24'04
retrograde	-1929 Nov 11 j 03:05	20°♏06'49	
asc. node	-1929 Nov 13 j 19:20	19°♏25'36	
evening set	-1929 Nov 14 j 19:58	18°♏47'28	
inferior conj	-1929 Nov 20 j 07:40	12°♏39'06	2°06'29
minimum elong	-1929 Nov 20 j 05:08	12°♏47'41	2°05'32
min. Earth dist.	-1929 Nov 21 j 00:34	11°♏42'03	0.66936 AU
morning rise	-1929 Nov 25 j 13:45	6°♏23'14	
direct	-1929 Dec 01 j 04:06	3°♏56'36	
morning max el	-1929 Dec 12 j 14:31	10°♏45'33	24°41'12
desc. node	-1929 Dec 24 j 19:34	25°♏36'29	
	-1929 Dec 27 j 22:59	0°♐	
	-1928 Jan 15 j 23:21	0°♑	
morning set	-1928 Jan 17 j 15:00	2°♑53'08	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

max. Earth dist.	-1928 Jan 21 j 08:33	9°♑34'58	1.37424 AU	
superior conj	-1928 Jan 28 j 00:05	22°♑07'48	-1°-44'-3	
minimum elong	-1928 Jan 28 j 03:23	22°♑23'51	1°43'49	
	-1928 Jan 31 j 23:58	0°♒		
evening rise	-1928 Feb 05 j 13:04	9°♒04'57		
asc. node	-1928 Feb 09 j 18:40	17°♒21'17		
	-1928 Feb 17 j 04:43	0°♓		
evening max el	-1928 Feb 22 j 10:26	6°♓20'57	19°16'49	
retrograde	-1928 Mar 02 j 09:52	10°♓38'29		
evening set	-1928 Mar 04 j 16:16	10°♓23'17		
inferior conj	-1928 Mar 12 j 22:46	6°♓13'58	2°18'50	
minimum elong	-1928 Mar 13 j 03:22	6°♓06'14	2°17'32	
min. Earth dist.	-1928 Mar 15 j 20:32	4°♓17'57	0.56555 AU	
morning rise	-1928 Mar 21 j 10:34	1°♓22'00		
desc. node	-1928 Mar 21 j 18:41	1°♓14'49		
direct	-1928 Mar 26 j 06:58	0°♓27'43		
morning max el	-1928 Apr 09 j 10:58	7°♓42'26	25°08'53	
	-1928 Apr 25 j 20:35	0°♈		
morning set	-1928 May 05 j 21:50	19°♈23'53		
asc. node	-1928 May 07 j 18:02	23°♈18'35		
	-1928 May 10 j 20:13	0°♉		
superior conj	-1928 May 12 j 22:55	4°♉36'17	0°52'19	
minimum elong	-1928 May 12 j 20:50	4°♉24'58	0°51'57	
max. Earth dist.	-1928 May 14 j 02:35	7°♉06'40	1.32903 AU	
evening rise	-1928 May 20 j 04:16	19°♉57'52		
	-1928 May 25 j 06:09	0°♊		
	-1928 Jun 12 j 23:46	0°♋		
desc. node	-1928 Jun 17 j 17:54	5°♋43'31		
evening max el	-1928 Jun 21 j 06:21	9°♋21'46	27°18'48	
retrograde	-1928 Jul 05 j 02:43	16°♋41'55		
evening set	-1928 Jul 12 j 05:53	14°♋16'15		
min. Earth dist.	-1928 Jul 15 j 19:58	11°♋23'46	0.62277 AU	
inferior conj	-1928 Jul 18 j 19:40	8°♋35'32	-4°-8'-55	
minimum elong	-1928 Jul 18 j 23:22	8°♋26'49	4°08'18	
morning rise	-1928 Jul 25 j 19:22	3°♋31'19		
direct	-1928 Jul 28 j 07:09	3°♋03'41		
asc. node	-1928 Aug 03 j 17:14	6°♋09'37		
morning max el	-1928 Aug 04 j 01:28	6°♋29'20	17°55'31	
	-1928 Aug 19 j 05:42	0°♌		
morning set	-1928 Aug 20 j 05:01	1°♌44'52		
superior conj	-1928 Aug 31 j 06:50	21°♌17'16	1°20'14	
minimum elong	-1928 Aug 31 j 11:57	21°♌39'09	1°19'44	
	-1928 Sep 05 j 11:11	0°♍		
max. Earth dist.	-1928 Sep 07 j 10:05	3°♍12'38	1.42917 AU	
desc. node	-1928 Sep 13 j 17:16	13°♍18'32		
evening rise	-1928 Sep 15 j 00:55	15°♍22'44		
	-1928 Sep 24 j 14:34	0°♎		
greatest brilliancy	-1928 Oct 11 j 02:47	23°♎10'37	-0.4m	
evening max el	-1928 Oct 16 j 02:09	28°♎53'16	21°34'30	
	-1928 Oct 17 j 05:20	0°♏		
retrograde	-1928 Oct 24 j 23:41	4°♏10'19		
evening set	-1928 Oct 29 j 03:47	2°♏33'58		
asc. node	-1928 Oct 30 j 16:22	1°♏10'25		
	-1928 Oct 31 j 17:33	30°℞♎		
inferior conj	-1928 Nov 03 j 13:22	26°♎17'20	1°18'21	
minimum elong	-1928 Nov 03 j 11:38	26°♎23'16	1°17'38	
min. Earth dist.	-1928 Nov 03 j 19:03	25°♎57'43	0.67402 AU	
morning rise	-1928 Nov 08 j 19:12	20°♎01'17		
direct	-1928 Nov 13 j 18:11	17°♎55'55		
morning max el	-1928 Nov 23 j 23:41	24°♎01'30	23°14'16	
greatest brilliancy	-1928 Nov 29 j 03:19	29°♎49'05	-0.3m	
	-1928 Nov 29 j 06:53	0°♏		
desc. node	-1928 Dec 10 j 16:35	15°♏22'29		
	-1928 Dec 20 j 09:59	0°♐		
morning set	-1928 Dec 28 j 17:53	13°♐27'43		
max. Earth dist.	-1927 Jan 02 j 03:48	20°♐58'36	1.39509 AU	
	-1927 Jan 07 j 05:54	0°♑		
superior conj	-1927 Jan 09 j 19:17	4°♑41'05	-1°-56'-13	
minimum elong	-1927 Jan 09 j 21:05	4°♑49'24	1°56'12	
evening rise	-1927 Jan 19 j 06:11	22°♑39'29		
	-1927 Jan 23 j 02:46	0°♒		
asc. node	-1927 Jan 26 j 15:40	6°♒24'07		
evening max el	-1927 Feb 04 j 12:19	18°♒47'53	18°34'17	
retrograde	-1927 Feb 12 j 05:11	22°♒33'25		
evening set	-1927 Feb 14 j 15:30	22°♒12'16		
inferior conj	-1927 Feb 22 j 04:26	17°♒43'20	3°22'48	
minimum elong	-1927 Feb 22 j 08:13	17°♒35'56	3°22'06	
min. Earth dist.	-1927 Feb 25 j 13:59	15°♒05'34	0.58341 AU	
morning rise	-1927 Mar 01 j 21:10	12°♒23'02		
direct	-1927 Mar 07 j 20:26	10°♒53'01		
desc. node	-1927 Mar 08 j 15:43	10°♒54'38		
morning max el	-1927 Mar 22 j 03:46	18°♒26'40	26°32'03	
	-1927 Mar 31 j 20:09	0°♓		
	-1927 Apr 18 j 06:16	0°♈		
morning set	-1927 Apr 20 j 08:48	4°♈20'40		
asc. node	-1927 Apr 24 j 15:04	13°♈27'55		
superior conj	-1927 Apr 27 j 10:27	19°♈36'30	0°29'14	
minimum elong	-1927 Apr 27 j 09:11	19°♈29'34	0°28'59	
max. Earth dist.	-1927 Apr 27 j 15:02	20°♈01'39	1.32517 AU	
	-1927 May 02 j 05:10	0°♉		
evening rise	-1927 May 04 j 11:05	4°♉45'01		
	-1927 May 17 j 23:59	0°♊		
evening max el	-1927 Jun 03 j 09:29	21°♊27'26	26°41'31	
desc. node	-1927 Jun 04 j 14:54	22°♊35'16		
retrograde	-1927 Jun 17 j 09:35	28°♊44'25		
evening set	-1927 Jun 24 j 02:07	26°♊48'57		
min. Earth dist.	-1927 Jun 27 j 22:52	24°♊09'48	0.60280 AU	
inferior conj	-1927 Jul 01 j 06:47	21°♊26'02	-4°-30'-30	
minimum elong	-1927 Jul 01 j 08:17	21°♊22'57	4°30'24	
morning rise	-1927 Jul 08 j 17:39	16°♊43'58		
direct	-1927 Jul 11 j 04:57	16°♊20'51		
morning max el	-1927 Jul 18 j 13:08	19°♊55'09	18°11'19	
asc. node	-1927 Jul 21 j 14:19	23°♊22'02		
	-1927 Jul 26 j 01:39	0°♋		
morning set	-1927 Aug 03 j 11:18	15°♋08'21		
	-1927 Aug 11 j 10:44	0°♌		
superior conj	-1927 Aug 13 j 03:53	3°♌06'35	1°40'04	
minimum elong	-1927 Aug 13 j 06:58	3°♌20'27	1°39'55	
max. Earth dist.	-1927 Aug 20 j 18:07	16°♌22'46	1.41166 AU	
evening rise	-1927 Aug 25 j 23:11	25°♌01'16		
	-1927 Aug 29 j 01:38	0°♍		
desc. node	-1927 Aug 31 j 14:16	3°♍58'17		
	-1927 Sep 18 j 11:29	0°♎		
greatest brilliancy	-1927 Sep 23 j 17:26	6°♎42'59	-0.3m	
evening max el	-1927 Sep 28 j 18:18	12°♎21'27	22°52'43	
retrograde	-1927 Oct 08 j 18:01	18°♎16'57		
evening set	-1927 Oct 13 j 11:18	16°♎21'52		
asc. node	-1927 Oct 17 j 13:25	11°♎45'52		
inferior conj	-1927 Oct 18 j 20:13	10°♎00'30	0°26'30	
minimum elong	-1927 Oct 18 j 19:36	10°♎02'38	0°26'13	
min. Earth dist.	-1927 Oct 18 j 15:26	10°♎16'59	0.67549 AU	
morning rise	-1927 Oct 24 j 03:53	3°♎46'55		
direct	-1927 Oct 28 j 12:05	2°♎03'58		
morning max el	-1927 Nov 06 j 13:06	7°♎24'15	21°49'12	
greatest brilliancy	-1927 Nov 11 j 10:04	12°♎56'48	-0.4m	
	-1927 Nov 23 j 20:09	0°♏		
desc. node	-1927 Nov 27 j 13:38	5°♏31'06		
morning set	-1927 Dec 08 j 15:49	22°♏39'10		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1927 Dec 13 j 04:50	0°♐	
max. Earth dist.	-1927 Dec 15 j 03:38	3°♐13'11	1.41558 AU
superior conj	-1927 Dec 22 j 18:41	16°♐14'36	-1°-57'-44
minimum elong	-1927 Dec 22 j 17:12	16°♐08'06	1°57'45
	-1927 Dec 30 j 10:28	0°♑	
evening rise	-1926 Jan 02 j 11:45	5°♑37'07	
asc. node	-1926 Jan 13 j 12:41	24°♑53'35	
	-1926 Jan 17 j 07:23	0°♒	
evening max el	-1926 Jan 18 j 20:37	1°♒40'09	18°11'47
retrograde	-1926 Jan 25 j 18:33	5°♒09'39	
evening set	-1926 Jan 28 j 08:26	4°♒41'14	
inferior conj	-1926 Feb 04 j 06:22	29°♑50'23	3°52'18
minimum elong	-1926 Feb 04 j 07:42	29°♑47'22	3°52'11
	-1926 Feb 04 j 02:07	30°℞♑	
min. Earth dist.	-1926 Feb 07 j 12:57	26°♑53'34	0.60387 AU
morning rise	-1926 Feb 11 j 04:02	24°♑09'23	
direct	-1926 Feb 17 j 21:27	22°♑01'50	
desc. node	-1926 Feb 23 j 12:47	23°♑24'03	
morning max el	-1926 Mar 04 j 02:33	29°♑45'45	27°26'35
	-1926 Mar 04 j 08:20	0°♒	
	-1926 Mar 25 j 17:46	0°♓	
morning set	-1926 Apr 04 j 16:53	19°♓07'06	
	-1926 Apr 09 j 19:43	0°♈	
max. Earth dist.	-1926 Apr 11 j 04:02	2°♈56'06	1.32478 AU
superior conj	-1926 Apr 11 j 21:59	4°♈34'12	0°04'22
minimum elong	-1926 Apr 11 j 21:47	4°♈33'07	0°04'20
behind sun begin	-1926 Apr 11 j 16:55	4°♈06'32	
behind sun end	-1926 Apr 12 j 02:38	4°♈59'43	
asc. node	-1926 Apr 11 j 12:06	3°♈40'08	
evening rise	-1926 Apr 18 j 21:17	19°♈39'57	
	-1926 Apr 23 j 23:31	0°♉	
	-1926 May 13 j 12:21	0°♊	
evening max el	-1926 May 16 j 05:47	2°♊48'20	25°34'04
desc. node	-1926 May 22 j 11:55	7°♊39'50	
retrograde	-1926 May 30 j 07:12	10°♊00'27	
evening set	-1926 Jun 05 j 00:19	8°♊43'14	
min. Earth dist.	-1926 Jun 09 j 17:52	5°♊59'38	0.58242 AU
inferior conj	-1926 Jun 12 j 23:54	3°♊41'13	-4°-26'-45
minimum elong	-1926 Jun 12 j 21:34	3°♊45'23	4°26'33
	-1926 Jun 19 j 02:05	30°℞♉	
morning rise	-1926 Jun 20 j 22:45	29°♉21'47	
direct	-1926 Jun 23 j 10:48	29°♉02'05	
	-1926 Jun 27 j 14:25	0°♊	
morning max el	-1926 Jul 01 j 18:45	2°♊57'21	18°47'21
asc. node	-1926 Jul 08 j 11:23	11°♊27'42	
morning set	-1926 Jul 18 j 04:58	29°♊06'17	
	-1926 Jul 18 j 15:59	0°♋	
superior conj	-1926 Jul 26 j 21:46	15°♋58'57	1°47'54
minimum elong	-1926 Jul 26 j 22:27	16°♋02'12	1°47'56
max. Earth dist.	-1926 Aug 02 j 21:16	28°♋48'07	1.39192 AU
	-1926 Aug 03 j 13:30	0°♌	
evening rise	-1926 Aug 06 j 22:16	5°♌50'20	
desc. node	-1926 Aug 18 j 11:17	24°♌28'46	
	-1926 Aug 22 j 03:31	0°♍	
evening max el	-1926 Sep 11 j 06:36	25°♍51'28	24°13'00
	-1926 Sep 16 j 02:48	0°♎	
retrograde	-1926 Sep 22 j 08:57	2°♎22'35	
evening set	-1926 Sep 27 j 16:45	0°♎08'37	
	-1926 Sep 27 j 20:43	30°℞♍	
min. Earth dist.	-1926 Oct 02 j 11:22	24°♍37'16	0.67384 AU
inferior conj	-1926 Oct 03 j 02:29	23°♍46'14	0°-27'-33
minimum elong	-1926 Oct 03 j 03:09	23°♍43'59	0°27'17
asc. node	-1926 Oct 04 j 10:30	21°♍59'39	
morning rise	-1926 Oct 08 j 13:49	17°♍37'49	
direct	-1926 Oct 12 j 08:48	16°♍15'47	
morning max el	-1926 Oct 20 j 09:21	20°♍55'52	20°32'41
greatest brilliancy	-1926 Oct 26 j 16:09	28°♍25'43	-0.5m
	-1926 Oct 27 j 20:16	0°♎	
desc. node	-1926 Nov 14 j 10:40	25°♎55'10	
	-1926 Nov 17 j 02:11	0°♏	
morning set	-1926 Nov 17 j 16:05	0°♏53'53	
max. Earth dist.	-1926 Nov 27 j 10:35	16°♏20'13	1.43275 AU
superior conj	-1926 Dec 03 j 16:50	26°♏35'17	-1°-44'-24
minimum elong	-1926 Dec 03 j 11:02	26°♏11'13	1°44'04
	-1926 Dec 05 j 17:46	0°♐	
evening rise	-1926 Dec 16 j 01:42	17°♐49'01	
	-1926 Dec 23 j 01:24	0°♑	
asc. node	-1926 Dec 31 j 09:43	12°♑39'33	
evening max el	-1925 Jan 02 j 08:25	14°♑49'51	18°09'00
retrograde	-1925 Jan 08 j 21:49	18°♑16'59	
evening set	-1925 Jan 11 j 15:14	17°♑40'19	
inferior conj	-1925 Jan 18 j 01:21	12°♑28'20	3°55'15
minimum elong	-1925 Jan 18 j 00:24	12°♑30'46	3°55'10
min. Earth dist.	-1925 Jan 20 j 20:27	9°♑36'02	0.62380 AU
morning rise	-1925 Jan 24 j 07:29	6°♑33'38	
direct	-1925 Jan 31 j 08:01	3°♑57'26	
desc. node	-1925 Feb 10 j 09:52	8°♑17'57	
morning max el	-1925 Feb 14 j 07:24	11°♑46'17	27°45'14
	-1925 Feb 28 j 18:20	0°♒	
	-1925 Mar 18 j 00:51	0°♓	
morning set	-1925 Mar 19 j 20:01	3°♓36'07	
max. Earth dist.	-1925 Mar 25 j 13:40	15°♓36'16	1.32803 AU
superior conj	-1925 Mar 27 j 07:51	19°♓23'52	0°-21'-29
minimum elong	-1925 Mar 27 j 08:51	19°♓29'15	0°21'18
asc. node	-1925 Mar 29 j 09:08	23°♓51'20	
	-1925 Apr 01 j 05:13	0°♈	
evening rise	-1925 Apr 03 j 08:59	4°♈36'04	
	-1925 Apr 17 j 01:56	0°♉	
evening max el	-1925 Apr 27 j 21:23	13°♉36'05	24°06'01
desc. node	-1925 May 09 j 08:58	20°♉20'48	
retrograde	-1925 May 11 j 17:33	20°♉33'32	
evening set	-1925 May 16 j 01:38	19°♉51'38	
min. Earth dist.	-1925 May 22 j 08:46	16°♉48'02	0.56481 AU
inferior conj	-1925 May 24 j 20:56	15°♉14'31	-3°-46'-5
minimum elong	-1925 May 24 j 14:56	15°♉23'54	3°44'51
morning rise	-1925 Jun 02 j 08:09	11°♉12'56	
direct	-1925 Jun 04 j 21:30	10°♉55'44	
morning max el	-1925 Jun 14 j 15:33	15°♉26'47	19°44'03
asc. node	-1925 Jun 25 j 08:29	0°♊14'22	
	-1925 Jun 25 j 05:13	0°♊	
morning set	-1925 Jul 02 j 06:42	13°♊30'06	
superior conj	-1925 Jul 10 j 06:56	29°♊38'39	1°46'15
minimum elong	-1925 Jul 10 j 05:47	29°♊32'58	1°46'15
	-1925 Jul 10 j 11:15	0°♋	
max. Earth dist.	-1925 Jul 16 j 00:12	10°♋41'29	1.37260 AU
evening rise	-1925 Jul 19 j 21:53	17°♋51'30	
	-1925 Jul 26 j 22:47	0°♌	
desc. node	-1925 Aug 05 j 08:17	14°♌44'59	
	-1925 Aug 16 j 10:04	0°♍	
evening max el	-1925 Aug 24 j 17:40	9°♍25'04	25°28'11
retrograde	-1925 Sep 05 j 19:39	16°♍23'09	
evening set	-1925 Sep 11 j 18:21	13°♍52'27	
min. Earth dist.	-1925 Sep 16 j 04:26	8°♍57'04	0.66902 AU
inferior conj	-1925 Sep 17 j 06:26	7°♍32'55	-1°-22'-12
minimum elong	-1925 Sep 17 j 08:26	7°♍26'27	1°21'22
asc. node	-1925 Sep 21 j 07:37	2°♍50'42	
morning rise	-1925 Sep 22 j 23:09	1°♍32'40	
direct	-1925 Sep 26 j 07:03	0°♍28'28	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning max el	-1925 Oct 03 j 13:02	4°♍36'38	19°29'01
greatest brilliancy	-1925 Oct 12 j 15:31	16°♍19'50	-0.7m
	-1925 Oct 21 j 16:44	0°♎	
morning set	-1925 Oct 27 j 16:29	9°♎16'47	
desc. node	-1925 Nov 01 j 07:41	16°♎29'59	
	-1925 Nov 09 j 21:56	0°♏	
max. Earth dist.	-1925 Nov 10 j 00:00	0°♏08'13	1.44445 AU
superior conj	-1925 Nov 13 j 12:02	5°♏42'19	-1°-13'-28
minimum elong	-1925 Nov 13 j 04:23	5°♏11'46	1°12'40
evening rise	-1925 Nov 27 j 19:30	29°♏06'16	
	-1925 Nov 28 j 08:22	0°♐	
evening max el	-1925 Dec 16 j 20:57	28°♐10'01	18°25'05
asc. node	-1925 Dec 18 j 06:47	29°♐29'01	
	-1925 Dec 18 j 22:18	0°♑	
retrograde	-1925 Dec 23 j 10:25	1°♑45'57	
evening set	-1925 Dec 26 j 08:16	0°♑59'47	
	-1925 Dec 27 j 21:15	30°℞♐	
inferior conj	-1924 Jan 01 j 09:21	25°♐28'29	3°39'20
minimum elong	-1924 Jan 01 j 06:59	25°♐35'17	3°38'56
min. Earth dist.	-1924 Jan 03 j 13:38	22°♐58'56	0.64122 AU
morning rise	-1924 Jan 07 j 04:16	19°♐24'38	
direct	-1924 Jan 14 j 02:20	16°♐34'37	
morning max el	-1924 Jan 27 j 15:53	24°♐21'07	27°27'49
desc. node	-1924 Jan 28 j 06:56	24°♐59'03	
	-1924 Feb 01 j 19:14	0°♑	
	-1924 Feb 22 j 02:50	0°♒	
morning set	-1924 Mar 02 j 15:25	17°♒37'37	
max. Earth dist.	-1924 Mar 07 j 15:48	27°♒47'56	1.33536 AU
	-1924 Mar 08 j 17:05	0°♓	
superior conj	-1924 Mar 10 j 14:11	3°♓58'19	0°-47'-20
minimum elong	-1924 Mar 10 j 16:22	4°♓09'52	0°46'57
asc. node	-1924 Mar 15 j 06:09	13°♓56'42	
evening rise	-1924 Mar 17 j 20:18	19°♓25'58	
	-1924 Mar 23 j 01:53	0°♈	
evening max el	-1924 Apr 08 j 14:01	24°♈15'21	22°31'17
	-1924 Apr 17 j 11:29	0°♉	
retrograde	-1924 Apr 21 j 14:57	0°♉39'18	
evening set	-1924 Apr 24 j 16:13	0°♉18'52	
desc. node	-1924 Apr 25 j 06:02	0°♉10'38	
	-1924 Apr 25 j 21:21	30°℞♈	
min. Earth dist.	-1924 May 02 j 22:25	26°♈43'40	0.55349 AU
inferior conj	-1924 May 04 j 00:03	26°♈07'10	-2°-22'-20
minimum elong	-1924 May 03 j 18:05	26°♈15'40	2°20'30
morning rise	-1924 May 12 j 22:09	22°♈11'48	
direct	-1924 May 15 j 15:31	21°♈54'41	
morning max el	-1924 May 27 j 01:28	27°♈14'32	21°00'39
	-1924 May 29 j 17:34	0°♉	
asc. node	-1924 Jun 11 j 05:32	19°♉31'15	
morning set	-1924 Jun 15 j 13:49	28°♉12'01	
	-1924 Jun 16 j 10:46	0°♊	
superior conj	-1924 Jun 23 j 02:50	13°♊51'44	1°37'22
minimum elong	-1924 Jun 23 j 00:38	13°♊40'21	1°37'13
max. Earth dist.	-1924 Jun 27 j 09:27	22°♊30'15	1.35572 AU
	-1924 Jul 01 j 06:18	0°♋	
evening rise	-1924 Jul 01 j 17:17	0°♋51'51	
	-1924 Jul 19 j 00:28	0°♌	
desc. node	-1924 Jul 22 j 05:19	4°♌40'05	
evening max el	-1924 Aug 06 j 05:12	22°♌59'00	26°30'22
	-1924 Aug 17 j 02:26	0°♍	
retrograde	-1924 Aug 19 j 01:22	0°♍12'51	
	-1924 Aug 20 j 22:36	30°℞♌	
evening set	-1924 Aug 25 j 13:59	27°♌30'26	
min. Earth dist.	-1924 Aug 29 j 16:11	23°♌13'00	0.66076 AU
inferior conj	-1924 Aug 31 j 06:09	21°♌17'42	-2°-15'-38
minimum elong	-1924 Aug 31 j 09:23	21°♌07'52	2°14'25
morning rise	-1924 Sep 06 j 05:48	15°♌28'51	
asc. node	-1924 Sep 07 j 04:42	15°♌01'57	
direct	-1924 Sep 09 j 05:02	14°♌38'56	
morning max el	-1924 Sep 15 j 22:57	18°♌24'04	18°40'46
	-1924 Sep 24 j 17:07	0°♍	
morning set	-1924 Oct 06 j 14:29	18°♍47'36	
	-1924 Oct 13 j 15:24	0°♎	
desc. node	-1924 Oct 18 j 04:43	7°♎12'02	
superior conj	-1924 Oct 22 j 13:30	14°♎04'41	0°-27'-55
minimum elong	-1924 Oct 22 j 09:49	13°♎50'12	0°27'27
max. Earth dist.	-1924 Oct 22 j 17:43	14°♎21'18	1.44931 AU
	-1924 Nov 01 j 15:48	0°♏	
evening rise	-1924 Nov 07 j 13:34	9°♏23'34	
	-1924 Nov 20 j 14:28	0°♐	
evening max el	-1924 Nov 29 j 07:40	11°♐35'46	18°58'51
asc. node	-1924 Dec 04 j 03:51	15°♐07'19	
retrograde	-1924 Dec 06 j 04:43	15°♐30'17	
evening set	-1924 Dec 09 j 08:29	14°♐32'49	
inferior conj	-1924 Dec 15 j 02:51	8°♐44'35	3°10'14
minimum elong	-1924 Dec 14 j 23:55	8°♐53'44	3°09'29
min. Earth dist.	-1924 Dec 16 j 16:13	6°♐48'27	0.65513 AU
morning rise	-1924 Dec 20 j 14:23	2°♐34'25	
	-1924 Dec 25 j 03:47	30°℞♏	
direct	-1924 Dec 27 j 02:59	29°♏45'24	
	-1924 Dec 29 j 04:07	0°♐	
morning max el	-1923 Jan 09 j 01:26	7°♐19'07	26°39'30
desc. node	-1923 Jan 14 j 03:59	12°♐56'38	
	-1923 Jan 26 j 17:15	0°♑	
	-1923 Feb 13 j 10:47	0°♒	
morning set	-1923 Feb 13 j 23:38	1°♒00'43	
max. Earth dist.	-1923 Feb 18 j 07:17	9°♒24'53	1.34715 AU
superior conj	-1923 Feb 22 j 14:49	18°♒10'45	-1°-11'-58
minimum elong	-1923 Feb 22 j 17:56	18°♒26'53	1°11'31
	-1923 Feb 28 j 06:36	0°♓	
evening rise	-1923 Mar 02 j 05:27	4°♓03'42	
asc. node	-1923 Mar 02 j 03:10	3°♓51'57	
	-1923 Mar 16 j 23:32	0°♈	
evening max el	-1923 Mar 21 j 13:54	5°♈13'16	21°03'05
retrograde	-1923 Apr 02 j 04:11	10°♈47'55	
evening set	-1923 Apr 04 j 12:34	10°♈35'02	
desc. node	-1923 Apr 12 j 03:05	7°♈32'30	
inferior conj	-1923 Apr 13 j 18:43	6°♈36'56	0°-27'-59
minimum elong	-1923 Apr 13 j 17:24	6°♈38'49	0°27'31
min. Earth dist.	-1923 Apr 14 j 11:54	6°♈12'37	0.55101 AU
morning rise	-1923 Apr 22 j 21:32	2°♈30'43	
direct	-1923 Apr 26 j 02:51	2°♈08'11	
morning max el	-1923 May 09 j 00:46	8°♈20'28	22°33'23
	-1923 May 24 j 09:18	0°♉	
asc. node	-1923 May 29 j 02:33	9°♉10'33	
morning set	-1923 May 31 j 00:15	13°♉05'58	
superior conj	-1923 Jun 07 j 06:06	28°♉28'06	1°22'59
minimum elong	-1923 Jun 07 j 03:31	28°♉14'25	1°22'41
	-1923 Jun 07 j 23:30	0°♊	
max. Earth dist.	-1923 Jun 10 j 04:25	4°♊36'39	1.34238 AU
evening rise	-1923 Jun 15 j 03:24	14°♊37'00	
	-1923 Jun 23 j 10:58	0°♋	
desc. node	-1923 Jul 09 j 02:21	24°♋04'33	
	-1923 Jul 13 j 18:55	0°♌	
evening max el	-1923 Jul 19 j 16:55	6°♌23'40	27°11'38
retrograde	-1923 Aug 02 j 01:32	13°♌43'54	
evening set	-1923 Aug 09 j 01:02	10°♌58'04	
min. Earth dist.	-1923 Aug 12 j 20:10	7°♌18'27	0.64885 AU
inferior conj	-1923 Aug 14 j 23:22	4°♌55'37	-3°-5'-36

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-1923 Aug 15 j 03:28	4°♌44'09	3°04'21
	-1923 Aug 20 j 04:21	30°℞♋	
morning rise	-1923 Aug 21 j 07:25	29°♋21'42	
direct	-1923 Aug 24 j 00:23	28°♋42'39	
asc. node	-1923 Aug 25 j 01:46	28°♋48'38	
	-1923 Aug 27 j 21:02	0°♌	
morning max el	-1923 Aug 30 j 12:53	2°♌13'19	18°09'13
morning set	-1923 Sep 17 j 16:35	29°♌40'32	
	-1923 Sep 17 j 21:15	0°♍	
superior conj	-1923 Oct 01 j 18:11	22°♍41'09	0°21'23
minimum elong	-1923 Oct 01 j 20:46	22°♍51'28	0°21'02
desc. node	-1923 Oct 05 j 01:44	27°♍57'30	
max. Earth dist.	-1923 Oct 05 j 12:28	28°♍39'59	1.44677 AU
	-1923 Oct 06 j 08:44	0°♎	
evening rise	-1923 Oct 18 j 08:36	18°♎44'16	
	-1923 Oct 25 j 15:43	0°♏	
greatest brilliancy	-1923 Nov 04 j 22:12	15°♏20'56	-0.6m
evening max el	-1923 Nov 12 j 14:18	25°♏02'54	19°48'46
retrograde	-1923 Nov 20 j 01:43	29°♏24'35	
asc. node	-1923 Nov 21 j 00:54	29°♏19'13	
evening set	-1923 Nov 23 j 13:16	28°♏13'44	
inferior conj	-1923 Nov 29 j 02:54	22°♏11'35	2°31'47
minimum elong	-1923 Nov 29 j 00:03	22°♏20'57	2°30'50
min. Earth dist.	-1923 Nov 30 j 02:43	20°♏53'02	0.66525 AU
morning rise	-1923 Dec 04 j 10:12	15°♏57'12	
direct	-1923 Dec 10 j 09:11	13°♏20'32	
morning max el	-1923 Dec 22 j 10:26	20°♏29'08	25°28'30
	-1923 Dec 30 j 15:47	0°♐	
desc. node	-1922 Jan 01 j 01:01	1°♐47'52	
	-1922 Jan 19 j 21:14	0°♑	
morning set	-1922 Jan 27 j 15:54	13°♑31'13	
max. Earth dist.	-1922 Jan 31 j 11:21	20°♑34'22	1.36334 AU
	-1922 Feb 05 j 08:18	0°♒	
superior conj	-1922 Feb 06 j 07:00	1°♒52'43	-1°-33'-44
minimum elong	-1922 Feb 06 j 10:31	2°♒10'13	1°33'22
evening rise	-1922 Feb 14 j 10:20	18°♒22'30	
asc. node	-1922 Feb 17 j 00:12	23°♒31'56	
	-1922 Feb 20 j 09:22	0°♓	
evening max el	-1922 Mar 04 j 00:21	16°♓45'35	19°50'07
retrograde	-1922 Mar 13 j 21:50	21°♓29'00	
evening set	-1922 Mar 16 j 02:48	21°♓15'56	
inferior conj	-1922 Mar 24 j 19:22	17°♓14'03	1°25'31
minimum elong	-1922 Mar 24 j 22:50	17°♓08'40	1°24'23
min. Earth dist.	-1922 Mar 27 j 02:00	15°♓49'44	0.55786 AU
desc. node	-1922 Mar 30 j 00:06	14°♓10'56	
morning rise	-1922 Apr 02 j 15:43	12°♓40'40	
direct	-1922 Apr 06 j 19:36	12°♓02'19	
morning max el	-1922 Apr 20 j 17:06	18°♓58'32	24°13'31
	-1922 Apr 29 j 21:13	0°♈	
morning set	-1922 May 15 j 12:13	28°♈06'27	
asc. node	-1922 May 15 j 23:34	29°♈06'13	
	-1922 May 16 j 09:44	0°♉	
superior conj	-1922 May 22 j 14:12	13°♉19'55	1°04'27
minimum elong	-1922 May 22 j 11:48	13°♉07'00	1°04'05
max. Earth dist.	-1922 May 24 j 08:30	17°♉07'29	1.33278 AU
evening rise	-1922 May 30 j 00:02	28°♉54'44	
	-1922 May 30 j 13:00	0°♊	
	-1922 Jun 16 j 14:25	0°♋	
desc. node	-1922 Jun 25 j 23:21	12°♋45'43	
evening max el	-1922 Jul 02 j 03:03	19°♋26'56	27°25'16
retrograde	-1922 Jul 15 j 19:48	26°♋48'14	
evening set	-1922 Jul 23 j 00:18	24°♋10'49	
min. Earth dist.	-1922 Jul 26 j 14:40	21°♋04'20	0.63324 AU
inferior conj	-1922 Jul 29 j 07:28	18°♋21'33	-3°-48'-53

minimum elong	-1922 Jul 29 j 11:41	18°♋10'57	3°47'57
morning rise	-1922 Aug 05 j 01:11	13°♋05'54	
direct	-1922 Aug 07 j 14:13	12°♋34'50	
asc. node	-1922 Aug 11 j 22:48	14°♋06'44	
morning max el	-1922 Aug 14 j 04:15	15°♋59'34	17°55'18
	-1922 Aug 24 j 00:55	0°♌	
morning set	-1922 Aug 30 j 19:25	11°♌44'19	
	-1922 Sep 10 j 10:16	0°♍	
superior conj	-1922 Sep 11 j 21:07	2°♍25'23	1°02'33
minimum elong	-1922 Sep 12 j 02:29	2°♍47'39	1°01'56
max. Earth dist.	-1922 Sep 18 j 04:32	12°♍43'59	1.43727 AU
desc. node	-1922 Sep 21 j 22:46	18°♍43'34	
evening rise	-1922 Sep 27 j 14:37	27°♍34'28	
	-1922 Sep 29 j 04:22	0°♎	
	-1922 Oct 19 j 14:42	0°♏	
greatest brilliancy	-1922 Oct 20 j 23:32	1°♏48'30	-0.5m
evening max el	-1922 Oct 26 j 15:20	8°♏29'59	20°52'37
retrograde	-1922 Nov 03 j 23:09	13°♏25'55	
evening set	-1922 Nov 07 j 20:33	11°♏59'27	
asc. node	-1922 Nov 07 j 21:57	11°♏56'49	
inferior conj	-1922 Nov 13 j 07:09	5°♏46'49	1°46'38
minimum elong	-1922 Nov 13 j 04:54	5°♏54'28	1°45'45
min. Earth dist.	-1922 Nov 13 j 19:03	5°♏06'09	0.67176 AU
	-1922 Nov 18 j 00:03	30°℞♎	
morning rise	-1922 Nov 18 j 12:51	29°♎30'33	
direct	-1922 Nov 23 j 20:33	27°♎12'54	
	-1922 Nov 30 j 14:01	0°♏	
morning max el	-1922 Dec 04 j 19:07	3°♏44'23	24°04'32
desc. node	-1922 Dec 18 j 22:04	21°♏17'26	
	-1922 Dec 24 j 22:12	0°♐	
morning set	-1921 Jan 09 j 10:19	24°♐53'21	
	-1921 Jan 12 j 08:34	0°♑	
max. Earth dist.	-1921 Jan 13 j 07:39	1°♑42'37	1.38300 AU
superior conj	-1921 Jan 20 j 11:10	14°♑54'36	-1°-50'-16
minimum elong	-1921 Jan 20 j 14:02	15°♑08'15	1°50'07
	-1921 Jan 28 j 05:02	0°♒	
evening rise	-1921 Jan 29 j 08:37	2°♒15'45	
asc. node	-1921 Feb 03 j 21:14	12°♒50'42	
evening max el	-1921 Feb 14 j 21:14	28°♒54'29	18°56'11
	-1921 Feb 16 j 02:35	0°♓	
retrograde	-1921 Feb 23 j 06:34	2°♓56'51	
evening set	-1921 Feb 25 j 14:22	2°♓39'30	
	-1921 Mar 03 j 04:36	30°℞♒	
inferior conj	-1921 Mar 05 j 13:11	28°♒22'19	2°50'35
minimum elong	-1921 Mar 05 j 17:48	28°♒14'04	2°49'27
min. Earth dist.	-1921 Mar 08 j 18:01	26°♒06'02	0.57255 AU
morning rise	-1921 Mar 13 j 17:12	23°♒17'05	
desc. node	-1921 Mar 16 j 21:09	22°♒20'15	
direct	-1921 Mar 19 j 01:24	22°♒08'45	
morning max el	-1921 Apr 02 j 08:18	29°♒33'37	25°47'09
	-1921 Apr 02 j 19:06	0°♓	
	-1921 Apr 23 j 10:27	0°♈	
morning set	-1921 Apr 30 j 00:02	13°♈06'35	
asc. node	-1921 May 02 j 20:36	19°♈12'07	
superior conj	-1921 May 07 j 01:00	28°♈19'14	0°42'48
minimum elong	-1921 May 06 j 23:14	28°♈09'34	0°42'28
	-1921 May 07 j 19:27	0°♉	
max. Earth dist.	-1921 May 07 j 18:44	29°♈56'04	1.32688 AU
evening rise	-1921 May 14 j 03:53	13°♉33'46	
	-1921 May 22 j 15:21	0°♊	
	-1921 Jun 12 j 10:53	0°♋	
desc. node	-1921 Jun 12 j 20:21	0°♋24'30	
evening max el	-1921 Jun 14 j 09:11	1°♋55'39	27°06'56
retrograde	-1921 Jun 28 j 07:30	9°♋15'29	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening set	-1921 Jul 05 j 07:42	7°♋00'49	
min. Earth dist.	-1921 Jul 08 j 23:02	4°♋16'17	0.61444 AU
inferior conj	-1921 Jul 12 j 03:14	1°♋27'11	-4°-20'-32
minimum elong	-1921 Jul 12 j 06:13	1°♋20'30	4°20'09
	-1921 Jul 13 j 19:14	30°℞♊	
morning rise	-1921 Jul 19 j 07:38	26°♊32'32	
direct	-1921 Jul 21 j 18:54	26°♊07'08	
morning max el	-1921 Jul 28 j 18:08	29°♊35'09	17°59'53
	-1921 Jul 29 j 04:07	0°♋	
asc. node	-1921 Jul 29 j 19:51	0°♋41'42	
morning set	-1921 Aug 13 j 17:08	24°♋42'10	
	-1921 Aug 16 j 14:31	0°♌	
superior conj	-1921 Aug 24 j 03:36	13°♌31'04	1°30'15
minimum elong	-1921 Aug 24 j 08:00	13°♌50'18	1°29'54
max. Earth dist.	-1921 Aug 31 j 15:06	26°♌14'34	1.42210 AU
	-1921 Sep 02 j 22:00	0°♍	
evening rise	-1921 Sep 07 j 01:56	6°♍41'30	
desc. node	-1921 Sep 08 j 19:46	9°♍26'30	
	-1921 Sep 22 j 11:03	0°♎	
greatest brilliancy	-1921 Oct 04 j 16:29	16°♎35'03	-0.3m
evening max el	-1921 Oct 09 j 10:25	21°♎57'05	22°07'06
retrograde	-1921 Oct 18 j 19:06	27°♎31'11	
evening set	-1921 Oct 23 j 04:29	25°♎47'07	
asc. node	-1921 Oct 25 j 19:00	23°♎08'10	
inferior conj	-1921 Oct 28 j 13:35	19°♎27'50	0°56'45
minimum elong	-1921 Oct 28 j 12:18	19°♎32'16	0°56'11
min. Earth dist.	-1921 Oct 28 j 14:47	19°♎23'42	0.67496 AU
morning rise	-1921 Nov 02 j 19:56	13°♎12'15	
direct	-1921 Nov 07 j 12:25	11°♎16'30	
morning max el	-1921 Nov 17 j 05:45	17°♎03'18	22°37'24
greatest brilliancy	-1921 Nov 21 j 21:58	22°♎18'13	-0.3m
	-1921 Nov 27 j 20:49	0°♏	
desc. node	-1921 Dec 05 j 19:08	11°♏14'19	
	-1921 Dec 18 j 00:35	0°♐	
morning set	-1921 Dec 21 j 01:04	4°♐53'12	
max. Earth dist.	-1921 Dec 26 j 03:44	13°♐24'42	1.40397 AU
superior conj	-1920 Jan 02 j 22:43	27°♐04'54	-1°-58'-24
minimum elong	-1920 Jan 02 j 23:20	27°♐07'44	1°58'27
	-1920 Jan 04 j 13:12	0°♑	
evening rise	-1920 Jan 12 j 21:21	15°♑36'20	
	-1920 Jan 20 j 18:07	0°♒	
asc. node	-1920 Jan 21 j 18:16	1°♒41'17	
evening max el	-1920 Jan 29 j 02:19	11°♒34'26	18°22'18
retrograde	-1920 Feb 05 j 09:51	15°♒11'13	
evening set	-1920 Feb 07 j 21:39	14°♒47'12	
inferior conj	-1920 Feb 15 j 03:52	10°♒09'23	3°39'03
minimum elong	-1920 Feb 15 j 06:41	10°♒03'32	3°38'40
min. Earth dist.	-1920 Feb 18 j 13:49	7°♒20'08	0.59198 AU
morning rise	-1920 Feb 22 j 12:11	4°♒39'08	
direct	-1920 Feb 28 j 20:35	2°♒52'19	
desc. node	-1920 Mar 02 j 18:13	3°♒13'57	
morning max el	-1920 Mar 14 j 03:30	10°♒31'56	26°59'14
	-1920 Mar 29 j 04:37	0°♓	
morning set	-1920 Apr 13 j 10:02	28°♓00'15	
	-1920 Apr 14 j 08:53	0°♈	
asc. node	-1920 Apr 18 j 17:39	9°♈23'41	
superior conj	-1920 Apr 20 j 12:47	13°♈19'48	0°18'52
minimum elong	-1920 Apr 20 j 11:57	13°♈15'14	0°18'42
max. Earth dist.	-1920 Apr 20 j 07:44	12°♈52'07	1.32455 AU
evening rise	-1920 Apr 27 j 12:25	28°♈25'36	
	-1920 Apr 28 j 06:31	0°♉	
	-1920 May 15 j 03:12	0°♊	
evening max el	-1920 May 26 j 09:27	13°♊42'17	26°16'07
desc. node	-1920 May 29 j 17:21	16°♊35'02	
retrograde	-1920 Jun 09 j 11:03	20°♊58'09	
evening set	-1920 Jun 15 j 18:51	19°♊18'42	
min. Earth dist.	-1920 Jun 19 j 22:28	16°♊39'30	0.59399 AU
inferior conj	-1920 Jun 23 j 07:06	14°♊03'50	-4°-32'-45
minimum elong	-1920 Jun 23 j 07:07	14°♊03'48	4°32'43
morning rise	-1920 Jun 30 j 22:58	9°♊31'27	
direct	-1920 Jul 03 j 10:19	9°♊10'00	
morning max el	-1920 Jul 11 j 03:35	12°♊52'02	18°24'05
asc. node	-1920 Jul 15 j 16:56	18°♊18'22	
	-1920 Jul 22 j 18:12	0°♋	
morning set	-1920 Jul 27 j 04:43	8°♋21'10	
superior conj	-1920 Aug 05 j 10:10	25°♋48'40	1°44'43
minimum elong	-1920 Aug 05 j 12:11	25°♋58'00	1°44'39
	-1920 Aug 07 j 17:15	0°♌	
max. Earth dist.	-1920 Aug 12 j 20:16	9°♌03'22	1.40337 AU
evening rise	-1920 Aug 17 j 10:15	16°♌48'25	
desc. node	-1920 Aug 25 j 16:46	0°♍02'41	
	-1920 Aug 25 j 16:04	0°♍	
	-1920 Sep 16 j 02:54	0°♎	
evening max el	-1920 Sep 21 j 00:42	5°♎25'54	23°27'10
retrograde	-1920 Oct 01 j 12:05	11°♎37'21	
evening set	-1920 Oct 06 j 11:19	9°♎34'26	
inferior conj	-1920 Oct 11 j 20:25	3°♎12'15	0°03'44
minimum elong	-1920 Oct 11 j 20:19	3°♎12'34	0°03'42
transit middle	-1920 Oct 11 j 20:19	3°♎12'34	0°03'42
transit begin	-1920 Oct 11 j 17:41	3°♎21'36	
transit end	-1920 Oct 11 j 22:58	3°♎03'32	
min. Earth dist.	-1920 Oct 11 j 11:21	3°♎43'19	0.67511 AU
asc. node	-1920 Oct 11 j 16:05	3°♎27'05	
	-1920 Oct 14 j 06:41	30°℞♍	
morning rise	-1920 Oct 17 j 05:23	27°♍00'18	
direct	-1920 Oct 21 j 07:48	25°♍26'19	
	-1920 Oct 29 j 10:09	0°♎	
morning max el	-1920 Oct 29 j 21:41	0°♎28'47	21°15'15
greatest brilliancy	-1920 Nov 04 j 06:08	6°♎40'34	-0.4m
	-1920 Nov 20 j 16:19	0°♏	
desc. node	-1920 Nov 21 j 16:10	1°♏30'06	
morning set	-1920 Nov 29 j 11:51	13°♏34'06	
max. Earth dist.	-1920 Dec 07 j 06:11	26°♏01'14	1.42341 AU
	-1920 Dec 09 j 16:04	0°♐	
superior conj	-1920 Dec 14 j 11:59	8°♐09'04	-1°-54'-9
minimum elong	-1920 Dec 14 j 08:40	7°♐54'52	1°54'04
evening rise	-1920 Dec 25 j 20:48	28°♐15'22	
	-1920 Dec 26 j 19:57	0°♑	
asc. node	-1919 Jan 07 j 15:20	19°♑53'59	
evening max el	-1919 Jan 11 j 12:35	24°♑35'43	18°08'17
retrograde	-1919 Jan 18 j 05:31	28°♑02'15	
evening set	-1919 Jan 20 j 20:59	27°♑30'21	
inferior conj	-1919 Jan 27 j 13:32	22°♑30'30	3°56'14
minimum elong	-1919 Jan 27 j 13:49	22°♑29'49	3°56'12
min. Earth dist.	-1919 Jan 30 j 16:00	19°♑33'00	0.61262 AU
morning rise	-1919 Feb 03 j 04:07	16°♑43'18	
direct	-1919 Feb 10 j 02:07	14°♑21'50	
desc. node	-1919 Feb 17 j 15:18	16°♑49'16	
morning max el	-1919 Feb 24 j 04:47	22°♑08'01	27°38'55
	-1919 Mar 03 j 03:32	0°♒	
	-1919 Mar 22 j 05:15	0°♓	
morning set	-1919 Mar 28 j 16:17	12°♓40'03	
max. Earth dist.	-1919 Apr 03 j 19:43	25°♓41'52	1.32576 AU
superior conj	-1919 Apr 04 j 23:50	28°♓14'56	0°-6'-32
minimum elong	-1919 Apr 05 j 00:08	28°♓16'34	0°06'29
behind sun begin	-1919 Apr 04 j 19:29	27°♓51'10	
behind sun end	-1919 Apr 05 j 04:47	28°♓41'59	
asc. node	-1919 Apr 05 j 14:42	29°♓36'03	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1919 Apr 05 j 19:05	0°♈	
evening rise	-1919 Apr 11 j 23:31	13°♈22'05	
	-1919 Apr 20 j 10:12	0°♉	
evening max el	-1919 May 08 j 03:31	24°♉47'39	24°58'22
	-1919 May 15 j 02:00	0°♊	
desc. node	-1919 May 16 j 14:23	0°♊43'11	
retrograde	-1919 May 22 j 03:49	1°♊54'25	
evening set	-1919 May 27 j 07:28	0°♊53'38	
	-1919 May 29 j 07:25	30°℞♉	
min. Earth dist.	-1919 Jun 01 j 15:26	28°♉03'02	0.57442 AU
inferior conj	-1919 Jun 04 j 15:47	26°♉02'05	-4°-14'-39
minimum elong	-1919 Jun 04 j 11:41	26°♉09'00	4°14'06
morning rise	-1919 Jun 12 j 19:50	21°♉50'45	
direct	-1919 Jun 15 j 08:26	21°♉32'10	
morning max el	-1919 Jun 24 j 05:40	25°♉40'59	19°08'54
	-1919 Jun 28 j 01:53	0°♊	
asc. node	-1919 Jul 02 j 14:01	6°♊42'54	
morning set	-1919 Jul 11 j 02:12	22°♊31'26	
	-1919 Jul 14 j 20:33	0°♋	
superior conj	-1919 Jul 19 j 11:10	9°♋02'52	1°48'13
minimum elong	-1919 Jul 19 j 10:59	9°♋01'59	1°48'15
max. Earth dist.	-1919 Jul 25 j 22:59	21°♋14'13	1.38354 AU
evening rise	-1919 Jul 29 j 20:15	28°♋09'32	
	-1919 Jul 30 j 21:43	0°♌	
desc. node	-1919 Aug 12 j 13:45	20°♌27'59	
	-1919 Aug 19 j 02:38	0°♍	
evening max el	-1919 Sep 03 j 12:23	18°♍58'26	24°46'11
retrograde	-1919 Sep 15 j 01:08	25°♍41'32	
evening set	-1919 Sep 20 j 15:20	23°♍20'11	
min. Earth dist.	-1919 Sep 25 j 06:19	18°♍03'54	0.67219 AU
inferior conj	-1919 Sep 26 j 01:54	16°♍58'50	0°-50'-45
minimum elong	-1919 Sep 26 j 03:08	16°♍54'44	0°50'14
asc. node	-1919 Sep 28 j 13:10	13°♍50'13	
morning rise	-1919 Oct 01 j 15:19	10°♍53'33	
direct	-1919 Oct 05 j 05:26	9°♍39'20	
morning max el	-1919 Oct 12 j 21:05	14°♍04'17	20°03'53
greatest brilliancy	-1919 Oct 20 j 02:10	22°♍55'32	-0.6m
	-1919 Oct 25 j 01:11	0°♎	
morning set	-1919 Nov 08 j 09:03	21°♎43'22	
desc. node	-1919 Nov 08 j 13:12	21°♎59'27	
	-1919 Nov 13 j 16:38	0°♏	
max. Earth dist.	-1919 Nov 19 j 16:38	9°♏29'35	1.43854 AU
superior conj	-1919 Nov 24 j 22:27	17°♏57'28	-1°-33'-28
minimum elong	-1919 Nov 24 j 15:17	17°♏28'14	1°32'53
	-1919 Dec 02 j 04:41	0°♐	
evening rise	-1919 Dec 08 j 02:43	10°♐05'04	
	-1919 Dec 20 j 00:27	0°♑	
asc. node	-1919 Dec 25 j 12:23	7°♑17'38	
evening max el	-1919 Dec 26 j 01:02	7°♑50'36	18°13'33
retrograde	-1918 Jan 01 j 13:19	11°♑20'01	
evening set	-1918 Jan 04 j 08:35	10°♑39'19	
inferior conj	-1918 Jan 10 j 14:30	5°♑18'35	3°50'23
minimum elong	-1918 Jan 10 j 12:51	5°♑23'04	3°50'12
min. Earth dist.	-1918 Jan 13 j 03:20	2°♑34'33	0.63166 AU
	-1918 Jan 15 j 19:40	30°℞♐	
morning rise	-1918 Jan 16 j 15:24	29°♐19'44	
direct	-1918 Jan 23 j 15:54	26°♐36'06	
	-1918 Feb 01 j 08:51	0°♑	
desc. node	-1918 Feb 04 j 12:24	2°♑32'56	
morning max el	-1918 Feb 06 j 11:27	4°♑23'58	27°42'01
	-1918 Feb 25 j 18:02	0°♒	
morning set	-1918 Mar 12 j 16:29	26°♒58'20	
	-1918 Mar 14 j 04:24	0°♓	
max. Earth dist.	-1918 Mar 18 j 02:49	8°♓12'05	1.33073 AU

superior conj	-1918 Mar 20 j 08:26	12°♓58'43	0°-32'-30
minimum elong	-1918 Mar 20 j 09:57	13°♓06'50	0°32'14
asc. node	-1918 Mar 23 j 11:44	19°♓45'15	
evening rise	-1918 Mar 27 j 11:18	28°♓16'28	
	-1918 Mar 28 j 07:03	0°♈	
	-1918 Apr 14 j 20:29	0°♉	
evening max el	-1918 Apr 19 j 18:40	5°♉27'48	23°25'31
retrograde	-1918 May 03 j 08:10	12°♉13'08	
desc. node	-1918 May 03 j 11:27	12°♉13'06	
evening set	-1918 May 07 j 02:22	11°♉42'08	
min. Earth dist.	-1918 May 14 j 05:08	8°♉26'49	0.55909 AU
inferior conj	-1918 May 16 j 04:29	7°♉16'37	-3°-15'-36
minimum elong	-1918 May 15 j 21:51	7°♉26'29	3°13'55
morning rise	-1918 May 24 j 20:45	3°♉19'49	
direct	-1918 May 27 j 11:30	3°♉02'58	
morning max el	-1918 Jun 06 j 21:54	7°♉52'56	20°14'24
asc. node	-1918 Jun 19 j 11:04	25°♉43'24	
	-1918 Jun 21 j 17:19	0°♊	
morning set	-1918 Jun 25 j 06:31	7°♊03'59	
superior conj	-1918 Jul 03 j 01:22	22°♊58'17	1°43'15
minimum elong	-1918 Jul 02 j 23:41	22°♊49'46	1°43'12
	-1918 Jul 06 j 14:19	0°♋	
max. Earth dist.	-1918 Jul 08 j 04:14	3°♋03'38	1.36501 AU
evening rise	-1918 Jul 12 j 04:53	10°♋37'18	
	-1918 Jul 23 j 12:17	0°♌	
desc. node	-1918 Jul 30 j 10:46	10°♌36'17	
	-1918 Aug 14 j 12:05	0°♍	
evening max el	-1918 Aug 16 j 23:29	2°♍32'34	25°56'40
retrograde	-1918 Aug 29 j 09:38	9°♍38'22	
evening set	-1918 Sep 04 j 14:38	7°♍01'38	
min. Earth dist.	-1918 Sep 08 j 21:14	2°♍22'34	0.66597 AU
inferior conj	-1918 Sep 10 j 04:15	0°♍44'43	-1°-45'-7
minimum elong	-1918 Sep 10 j 06:49	0°♍36'39	1°44'07
	-1918 Sep 10 j 18:30	30°℞♌	
asc. node	-1918 Sep 15 j 10:15	25°♌11'23	
morning rise	-1918 Sep 15 j 23:45	24°♌49'12	
direct	-1918 Sep 19 j 03:43	23°♌51'32	
morning max el	-1918 Sep 26 j 03:41	27°♌48'29	19°06'35
	-1918 Sep 28 j 03:22	0°♍	
	-1918 Oct 18 j 09:02	0°♎	
morning set	-1918 Oct 18 j 16:46	0°♎30'19	
desc. node	-1918 Oct 26 j 10:13	12°♎37'39	
max. Earth dist.	-1918 Nov 02 j 08:34	23°♎31'29	1.44741 AU
superior conj	-1918 Nov 04 j 07:59	26°♎38'43	0°-55'-25
minimum elong	-1918 Nov 04 j 01:19	26°♎12'22	0°54'39
	-1918 Nov 06 j 10:47	0°♏	
evening rise	-1918 Nov 19 j 10:40	20°♏57'04	
	-1918 Nov 24 j 23:15	0°♐	
evening max el	-1918 Dec 09 j 12:58	21°♐12'55	18°37'19
asc. node	-1918 Dec 12 j 09:26	23°♐38'24	
retrograde	-1918 Dec 16 j 04:53	24°♐55'59	
evening set	-1918 Dec 19 j 05:00	24°♐05'14	
inferior conj	-1918 Dec 25 j 02:56	18°♐26'07	3°28'23
minimum elong	-1918 Dec 25 j 00:14	18°♐34'11	3°27'48
min. Earth dist.	-1918 Dec 27 j 00:40	16°♐10'01	0.64754 AU
morning rise	-1918 Dec 30 j 18:16	12°♐19'05	
direct	-1917 Jan 06 j 12:46	9°♐28'07	
morning max el	-1917 Jan 19 j 20:57	17°♐10'54	27°10'45
desc. node	-1917 Jan 22 j 09:28	19°♐49'47	
	-1917 Jan 30 j 14:51	0°♑	
	-1917 Feb 18 j 13:43	0°♒	
morning set	-1917 Feb 24 j 07:41	10°♒45'33	
max. Earth dist.	-1917 Mar 01 j 01:03	20°♒10'53	1.33980 AU
superior conj	-1917 Mar 04 j 12:39	27°♒24'54	0°-58'-1

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-1917 Mar 04 j 15:16	27°♒38'41	0°57'35
	-1917 Mar 05 j 18:03	0°♓	
asc. node	-1917 Mar 10 j 08:46	9°♓47'11	
evening rise	-1917 Mar 11 j 21:57	13°♓02'24	
	-1917 Mar 20 j 16:00	0°♈	
evening max el	-1917 Apr 01 j 13:38	16°♈12'15	21°52'17
retrograde	-1917 Apr 14 j 01:38	22°♈17'19	
evening set	-1917 Apr 16 j 17:38	22°♈01'25	
desc. node	-1917 Apr 20 j 08:31	20°♈53'56	
inferior conj	-1917 Apr 26 j 02:30	17°♈57'03	-1°-36'-2
minimum elong	-1917 Apr 25 j 22:08	18°♈03'13	1°34'33
min. Earth dist.	-1917 Apr 25 j 18:35	18°♈08'11	0.55124 AU
morning rise	-1917 May 05 j 03:47	13°♈59'38	
direct	-1917 May 08 j 00:42	13°♈41'20	
morning max el	-1917 May 20 j 03:18	19°♈23'34	21°38'33
	-1917 May 28 j 17:49	0°♉	
asc. node	-1917 Jun 06 j 08:07	15°♉11'03	
morning set	-1917 Jun 09 j 15:17	21°♉52'16	
	-1917 Jun 13 j 12:24	0°♊	
superior conj	-1917 Jun 17 j 00:49	7°♊23'10	1°31'51
minimum elong	-1917 Jun 16 j 22:22	7°♊10'25	1°31'38
max. Earth dist.	-1917 Jun 20 j 17:17	14°♊57'40	1.34956 AU
evening rise	-1917 Jun 25 j 07:09	23°♊58'45	
	-1917 Jun 28 j 12:08	0°♋	
desc. node	-1917 Jul 17 j 07:46	0°♌19'50	
	-1917 Jul 17 j 02:04	0°♌	
evening max el	-1917 Jul 30 j 10:58	16°♌03'05	26°50'46
retrograde	-1917 Aug 12 j 13:10	23°♌21'19	
evening set	-1917 Aug 19 j 06:58	20°♌35'53	
min. Earth dist.	-1917 Aug 23 j 05:53	16°♌34'56	0.65617 AU
inferior conj	-1917 Aug 25 j 01:28	14°♌26'56	-2°-37'-25
minimum elong	-1917 Aug 25 j 05:08	14°♌16'09	2°36'09
morning rise	-1917 Aug 31 j 04:34	8°♌44'15	
asc. node	-1917 Sep 02 j 07:18	8°♌02'28	
direct	-1917 Sep 03 j 00:44	7°♌59'32	
morning max el	-1917 Sep 09 j 15:40	11°♌37'36	18°25'13
	-1917 Sep 22 j 14:07	0°♍	
morning set	-1917 Sep 29 j 02:36	10°♍35'39	
	-1917 Oct 11 j 04:21	0°♎	
desc. node	-1917 Oct 13 j 07:12	3°♎21'21	
superior conj	-1917 Oct 14 j 07:54	4°♎58'50	0°-6'-39
minimum elong	-1917 Oct 14 j 07:01	4°♎55'23	0°06'33
behind sun begin	-1917 Oct 13 j 20:38	4°♎14'21	
behind sun end	-1917 Oct 14 j 17:25	5°♎36'23	
max. Earth dist.	-1917 Oct 16 j 02:41	7°♎47'27	1.44909 AU
	-1917 Oct 30 j 06:05	0°♏	
evening rise	-1917 Oct 30 j 18:20	0°♏48'09	
greatest brilliancy	-1917 Nov 13 j 02:42	21°♏35'24	-0.7m
	-1917 Nov 19 j 00:10	0°♐	
evening max el	-1917 Nov 22 j 22:04	4°♐38'49	19°18'16
asc. node	-1917 Nov 29 j 06:28	8°♐41'07	
retrograde	-1917 Nov 30 j 00:40	8°♐44'22	
evening set	-1917 Dec 03 j 07:23	7°♐41'39	
inferior conj	-1917 Dec 08 j 23:31	1°♐47'07	2°54'55
minimum elong	-1917 Dec 08 j 20:33	1°♐56'37	2°54'03
	-1917 Dec 10 j 09:01	30°℞♏	
min. Earth dist.	-1917 Dec 10 j 06:58	0°♐06'28	0.65982 AU
morning rise	-1917 Dec 14 j 08:52	25°♏34'37	
direct	-1917 Dec 20 j 15:58	22°♏49'33	
	-1916 Jan 02 j 00:20	0°♐	
morning max el	-1916 Jan 02 j 06:27	0°♐15'14	26°11'32
desc. node	-1916 Jan 09 j 06:31	8°♐12'16	
	-1916 Jan 24 j 13:34	0°♑	
morning set	-1916 Feb 07 j 09:46	23°♑48'11	
	-1916 Feb 10 j 16:08	0°♒	
max. Earth dist.	-1916 Feb 11 j 11:18	1°♒32'57	1.35342 AU
superior conj	-1916 Feb 16 j 10:01	11°♒25'08	-1°-21'-42
minimum elong	-1916 Feb 16 j 13:24	11°♒42'21	1°21'15
evening rise	-1916 Feb 24 j 05:30	27°♒32'28	
asc. node	-1916 Feb 25 j 05:47	29°♒36'26	
	-1916 Feb 25 j 10:25	0°♓	
evening max el	-1916 Mar 13 j 17:52	27°♓23'59	20°29'59
	-1916 Mar 16 j 22:04	0°♈	
retrograde	-1916 Mar 24 j 15:13	2°♈36'21	
evening set	-1916 Mar 26 j 20:36	2°♈24'13	
	-1916 Apr 02 j 04:02	30°℞♓	
inferior conj	-1916 Apr 04 j 22:02	28°♓26'41	0°22'11
minimum elong	-1916 Apr 04 j 23:03	28°♓25'12	0°21'50
desc. node	-1916 Apr 06 j 05:34	27°♓40'43	
min. Earth dist.	-1916 Apr 06 j 08:40	27°♓36'15	0.55277 AU
morning rise	-1916 Apr 13 j 23:30	24°♓09'54	
direct	-1916 Apr 17 j 13:00	23°♓42'16	
	-1916 Apr 30 j 16:24	0°♈	
morning max el	-1916 Apr 30 j 23:08	0°♈15'44	23°15'41
	-1916 May 20 j 18:32	0°♉	
asc. node	-1916 May 23 j 05:08	4°♉57'53	
morning set	-1916 May 24 j 02:34	6°♉49'28	
superior conj	-1916 May 31 j 06:26	22°♉07'08	1°15'34
minimum elong	-1916 May 31 j 03:52	21°♉53'26	1°15'14
max. Earth dist.	-1916 Jun 02 j 16:06	27°♉13'12	1.33786 AU
	-1916 Jun 03 j 23:59	0°♊	
evening rise	-1916 Jun 07 j 22:12	7°♊59'19	
	-1916 Jun 20 j 00:09	0°♋	
desc. node	-1916 Jul 03 j 04:47	19°♋27'42	
evening max el	-1916 Jul 11 j 22:15	29°♋20'08	27°21'06
	-1916 Jul 12 j 15:12	0°♌	
retrograde	-1916 Jul 25 j 11:09	6°♌41'52	
evening set	-1916 Aug 01 j 13:29	3°♌58'05	
min. Earth dist.	-1916 Aug 05 j 06:10	0°♌33'14	0.64262 AU
	-1916 Aug 05 j 18:47	30°℞♋	
inferior conj	-1916 Aug 07 j 15:10	28°♋00'35	-3°-25'-4
minimum elong	-1916 Aug 07 j 19:27	27°♋49'07	3°23'54
morning rise	-1916 Aug 14 j 03:11	22°♋33'56	
direct	-1916 Aug 16 j 18:06	21°♋58'43	
asc. node	-1916 Aug 19 j 04:21	22°♋29'02	
morning max el	-1916 Aug 23 j 06:32	25°♋26'12	18°01'00
	-1916 Aug 27 j 01:48	0°♌	
morning set	-1916 Sep 09 j 15:55	22°♌00'41	
	-1916 Sep 14 j 09:06	0°♍	
superior conj	-1916 Sep 22 j 20:32	14°♍00'06	0°40'20
minimum elong	-1916 Sep 23 j 00:52	14°♍17'39	0°39'47
max. Earth dist.	-1916 Sep 27 j 20:10	22°♍00'19	1.44350 AU
desc. node	-1916 Sep 29 j 04:13	24°♍07'28	
	-1916 Oct 02 j 21:48	0°♎	
evening rise	-1916 Oct 09 j 05:56	9°♎50'54	
	-1916 Oct 22 j 12:17	0°♏	
greatest brilliancy	-1916 Oct 29 j 10:53	9°♏57'33	-0.6m
evening max el	-1916 Nov 05 j 02:31	18°♏06'27	20°14'30
retrograde	-1916 Nov 12 j 22:01	22°♏41'55	
asc. node	-1916 Nov 15 j 03:31	22°♏13'19	
evening set	-1916 Nov 16 j 13:27	21°♏24'51	
inferior conj	-1916 Nov 22 j 01:37	15°♏18'06	2°13'19
minimum elong	-1916 Nov 21 j 22:59	15°♏26'57	2°12'22
min. Earth dist.	-1916 Nov 22 j 20:17	14°♏15'26	0.66844 AU
morning rise	-1916 Nov 27 j 07:56	9°♏02'35	
direct	-1916 Dec 03 j 00:38	6°♏33'05	
morning max el	-1916 Dec 14 j 14:55	13°♏27'17	24°53'43
desc. node	-1916 Dec 26 j 03:33	27°♏21'31	
	-1916 Dec 28 j 01:41	0°♐	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1915 Jan 16 j 08:54	0°♉	
morning set	-1915 Jan 19 j 17:29	5°♉51'28	
max. Earth dist.	-1915 Jan 23 j 10:51	12°♉35'40	1.37135 AU
superior conj	-1915 Jan 29 j 21:35	24°♉51'24	-1°-41'-33
minimum elong	-1915 Jan 30 j 00:59	25°♉08'01	1°41'16
	-1915 Feb 01 j 12:06	0°♒	
evening rise	-1915 Feb 07 j 07:53	11°♒40'49	
asc. node	-1915 Feb 11 j 02:49	19°♒07'54	
	-1915 Feb 17 j 05:44	0°♓	
evening max el	-1915 Feb 24 j 09:02	9°♓12'20	19°24'48
retrograde	-1915 Mar 05 j 13:48	13°♓35'58	
evening set	-1915 Mar 07 j 19:48	13°♓21'23	
inferior conj	-1915 Mar 16 j 04:58	9°♓14'20	2°06'00
minimum elong	-1915 Mar 16 j 09:24	9°♓07'03	2°04'40
min. Earth dist.	-1915 Mar 18 j 23:24	7°♓26'10	0.56336 AU
desc. node	-1915 Mar 24 j 02:37	4°♓42'40	
morning rise	-1915 Mar 24 j 19:15	4°♓27'15	
direct	-1915 Mar 29 j 11:24	3°♓37'30	
morning max el	-1915 Apr 12 j 13:59	10°♓47'48	24°54'56
	-1915 Apr 27 j 02:40	0°♈	
morning set	-1915 May 08 j 14:40	21°♈49'58	
asc. node	-1915 May 10 j 02:10	24°♈58'06	
	-1915 May 12 j 10:13	0°♉	
superior conj	-1915 May 15 j 15:54	7°♉02'28	0°55'36
minimum elong	-1915 May 15 j 13:44	6°♉50'39	0°55'14
max. Earth dist.	-1915 May 16 j 23:15	9°♉52'30	1.32990 AU
evening rise	-1915 May 22 j 22:17	22°♉27'10	
	-1915 May 26 j 17:21	0°♊	
	-1915 Jun 13 j 21:31	0°♋	
desc. node	-1915 Jun 20 j 01:48	7°♋44'50	
evening max el	-1915 Jun 24 j 07:15	12°♋10'46	27°21'34
retrograde	-1915 Jul 08 j 02:39	19°♋30'56	
evening set	-1915 Jul 15 j 06:31	17°♋01'51	
min. Earth dist.	-1915 Jul 18 j 20:30	14°♋06'07	0.62559 AU
inferior conj	-1915 Jul 21 j 18:29	11°♋18'56	-4°-4'-11
minimum elong	-1915 Jul 21 j 22:22	11°♋09'37	4°03'27
morning rise	-1915 Jul 28 j 16:35	6°♋11'34	
direct	-1915 Jul 31 j 04:39	5°♋43'05	
asc. node	-1915 Aug 06 j 01:25	8°♋21'19	
morning max el	-1915 Aug 06 j 21:34	9°♋08'09	17°54'50
	-1915 Aug 20 j 15:08	0°♌	
morning set	-1915 Aug 23 j 03:31	4°♌29'26	
superior conj	-1915 Sep 03 j 11:10	24°♌18'26	1°16'02
minimum elong	-1915 Sep 03 j 16:27	24°♌40'49	1°15'30
	-1915 Sep 06 j 20:32	0°♍	
max. Earth dist.	-1915 Sep 10 j 10:24	5°♍52'48	1.43144 AU
desc. node	-1915 Sep 16 j 01:12	14°♍52'17	
evening rise	-1915 Sep 18 j 11:50	18°♍42'03	
	-1915 Sep 25 j 20:49	0°♎	
greatest brilliancy	-1915 Oct 13 j 22:25	25°♎39'02	-0.4m
	-1915 Oct 17 j 13:58	0°♏	
evening max el	-1915 Oct 19 j 01:07	1°♏33'43	21°23'21
retrograde	-1915 Oct 27 j 18:53	6°♏45'01	
evening set	-1915 Oct 31 j 21:14	5°♏11'13	
asc. node	-1915 Nov 02 j 00:34	4°♏11'29	
	-1915 Nov 05 j 12:12	30°℞♎	
inferior conj	-1915 Nov 06 j 07:01	28°♎55'31	1°25'54
minimum elong	-1915 Nov 06 j 05:09	29°♎01'58	1°25'09
min. Earth dist.	-1915 Nov 06 j 14:15	28°♎30'37	0.67356 AU
morning rise	-1915 Nov 11 j 12:46	22°♎39'28	
direct	-1915 Nov 16 j 14:01	20°♎30'54	
morning max el	-1915 Nov 26 j 23:53	26°♎43'05	23°27'18
	-1915 Nov 30 j 00:45	0°♏	
greatest brilliancy	-1915 Dec 02 j 18:25	3°♏15'30	-0.2m
desc. node	-1915 Dec 13 j 00:36	17°♏03'32	
	-1915 Dec 21 j 16:57	0°♐	
morning set	-1914 Jan 01 j 00:36	16°♐38'44	
max. Earth dist.	-1914 Jan 05 j 06:17	23°♐54'57	1.39199 AU
	-1914 Jan 08 j 16:34	0°♑	
superior conj	-1914 Jan 12 j 19:18	7°♑32'36	-1°-54'-58
minimum elong	-1914 Jan 12 j 21:26	7°♑42'34	1°54'56
evening rise	-1914 Jan 22 j 02:28	25°♑20'36	
	-1914 Jan 24 j 12:34	0°♒	
asc. node	-1914 Jan 28 j 23:51	8°♒15'13	
evening max el	-1914 Feb 07 j 09:43	21°♒34'44	18°39'16
retrograde	-1914 Feb 15 j 06:27	25°♒24'09	
evening set	-1914 Feb 17 j 16:08	25°♒04'01	
inferior conj	-1914 Feb 25 j 07:31	20°♒38'05	3°15'29
minimum elong	-1914 Feb 25 j 11:35	20°♒30'18	3°14'40
min. Earth dist.	-1914 Feb 28 j 16:18	18°♒05'15	0.58048 AU
morning rise	-1914 Mar 05 j 03:13	15°♒21'28	
direct	-1914 Mar 10 j 22:48	13°♒57'18	
desc. node	-1914 Mar 10 j 23:41	13°♒57'19	
morning max el	-1914 Mar 25 j 06:15	21°♒28'51	26°21'23
	-1914 Apr 01 j 16:39	0°♓	
	-1914 Apr 19 j 18:14	0°♈	
morning set	-1914 Apr 23 j 01:58	6°♈48'02	
asc. node	-1914 Apr 26 j 23:14	15°♈06'47	
superior conj	-1914 Apr 30 j 03:20	22°♈02'47	0°32'53
minimum elong	-1914 Apr 30 j 01:56	21°♈55'05	0°32'36
max. Earth dist.	-1914 Apr 30 j 11:21	22°♈46'40	1.32547 AU
	-1914 May 03 j 18:55	0°♉	
evening rise	-1914 May 07 j 04:26	7°♉12'38	
	-1914 May 19 j 05:59	0°♊	
evening max el	-1914 Jun 06 j 11:13	24°♊22'49	26°49'08
desc. node	-1914 Jun 06 j 22:49	24°♊50'07	
	-1914 Jun 14 j 01:06	0°♋	
retrograde	-1914 Jun 20 j 10:49	1°♋40'33	
	-1914 Jun 26 j 15:16	30°℞♊	
evening set	-1914 Jun 27 j 05:51	29°♊39'39	
min. Earth dist.	-1914 Jul 01 j 00:43	26°♊59'49	0.60586 AU
inferior conj	-1914 Jul 04 j 08:00	24°♊13'59	-4°-28'-42
minimum elong	-1914 Jul 04 j 09:57	24°♊09'52	4°28'32
morning rise	-1914 Jul 11 j 17:10	19°♊28'42	
direct	-1914 Jul 14 j 04:28	19°♊05'00	
morning max el	-1914 Jul 21 j 09:58	22°♊37'10	18°07'44
asc. node	-1914 Jul 23 j 22:30	25°♊24'39	
	-1914 Jul 27 j 05:23	0°♋	
morning set	-1914 Aug 06 j 07:48	17°♋47'01	
	-1914 Aug 12 j 21:42	0°♌	
superior conj	-1914 Aug 16 j 04:41	5°♌57'20	1°37'54
minimum elong	-1914 Aug 16 j 08:08	6°♌12'43	1°37'41
max. Earth dist.	-1914 Aug 23 j 19:14	19°♌09'05	1.41449 AU
evening rise	-1914 Aug 29 j 06:55	28°♌11'29	
	-1914 Aug 30 j 09:56	0°♍	
desc. node	-1914 Sep 02 j 22:13	5°♍32'56	
	-1914 Sep 19 j 12:52	0°♎	
greatest brilliancy	-1914 Sep 26 j 21:20	9°♎34'28	-0.3m
evening max el	-1914 Oct 01 j 17:56	15°♎01'13	22°40'44
retrograde	-1914 Oct 11 j 13:43	20°♎51'19	
evening set	-1914 Oct 16 j 04:56	18°♎59'01	
asc. node	-1914 Oct 19 j 21:39	14°♎54'45	
inferior conj	-1914 Oct 21 j 13:51	12°♎37'59	0°34'30
minimum elong	-1914 Oct 21 j 13:03	12°♎40'45	0°34'10
min. Earth dist.	-1914 Oct 21 j 10:35	12°♎49'18	0.67547 AU
morning rise	-1914 Oct 26 j 21:07	6°♎23'49	
direct	-1914 Oct 31 j 07:23	4°♎37'42	
morning max el	-1914 Nov 09 j 12:34	10°♎04'44	22°01'25

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

greatest brilliancy	-1914 Nov 14 j 06:58	15°♎28'25	-0.4m
	-1914 Nov 25 j 00:35	0°♏	
desc. node	-1914 Nov 29 j 21:38	7°♏08'57	
morning set	-1914 Dec 12 j 02:47	26°♏02'06	
	-1914 Dec 14 j 13:38	0°♐	
max. Earth dist.	-1914 Dec 18 j 05:03	6°♐00'48	1.41265 AU
superior conj	-1914 Dec 25 j 22:01	19°♐15'45	-1°-58'-22
minimum elong	-1914 Dec 25 j 21:08	19°♐11'52	1°58'25
	-1914 Dec 31 j 20:56	0°♑	
evening rise	-1913 Jan 05 j 10:02	8°♑24'23	
asc. node	-1913 Jan 15 j 20:55	26°♑50'38	
	-1913 Jan 18 j 00:30	0°♒	
evening max el	-1913 Jan 21 j 17:16	4°♒23'57	18°13'52
retrograde	-1913 Jan 28 j 17:25	7°♒55'03	
evening set	-1913 Jan 31 j 06:43	7°♒27'50	
inferior conj	-1913 Feb 07 j 06:41	2°♒40'21	3°49'42
minimum elong	-1913 Feb 07 j 08:25	2°♒36'31	3°49'32
	-1913 Feb 10 j 07:13	30°℞♑	
min. Earth dist.	-1913 Feb 10 j 14:27	29°♑44'38	0.60075 AU
morning rise	-1913 Feb 14 j 06:59	27°♑01'45	
direct	-1913 Feb 20 j 22:20	24°♑59'21	
desc. node	-1913 Feb 25 j 20:47	26°♑02'20	
	-1913 Mar 04 j 04:08	0°♒	
morning max el	-1913 Mar 07 j 04:11	2°♒42'36	27°20'42
	-1913 Mar 27 j 01:33	0°♓	
morning set	-1913 Apr 07 j 10:37	21°♓36'35	
	-1913 Apr 11 j 09:37	0°♈	
asc. node	-1913 Apr 13 j 20:16	5°♈18'54	
max. Earth dist.	-1913 Apr 14 j 00:27	5°♈41'50	1.32456 AU
superior conj	-1913 Apr 14 j 14:59	7°♈01'20	0°08'14
minimum elong	-1913 Apr 14 j 14:37	6°♈59'18	0°08'09
behind sun begin	-1913 Apr 14 j 10:17	6°♈35'36	
behind sun end	-1913 Apr 14 j 18:56	7°♈23'00	
evening rise	-1913 Apr 21 j 14:17	22°♈06'48	
	-1913 Apr 25 j 10:41	0°♉	
	-1913 May 14 j 00:19	0°♊	
evening max el	-1913 May 19 j 08:27	5°♊49'47	25°45'45
desc. node	-1913 May 24 j 19:53	10°♊13'09	
retrograde	-1913 Jun 02 j 10:09	13°♊03'25	
evening set	-1913 Jun 08 j 07:27	11°♊40'21	
min. Earth dist.	-1913 Jun 12 j 20:45	8°♊58'28	0.58533 AU
inferior conj	-1913 Jun 16 j 03:59	6°♊34'47	-4°-29'-29
minimum elong	-1913 Jun 16 j 02:18	6°♊37'53	4°29'23
morning rise	-1913 Jun 24 j 01:01	2°♊12'13	
direct	-1913 Jun 26 j 12:49	1°♊52'08	
morning max el	-1913 Jul 04 j 16:42	5°♊43'32	18°40'41
asc. node	-1913 Jul 10 j 19:34	13°♊22'56	
	-1913 Jul 20 j 03:20	0°♋	
morning set	-1913 Jul 21 j 00:01	1°♋40'12	
superior conj	-1913 Jul 29 j 19:51	18°♋41'16	1°47'23
minimum elong	-1913 Jul 29 j 20:53	18°♋46'04	1°47'23
	-1913 Aug 05 j 00:08	0°♌	
max. Earth dist.	-1913 Aug 05 j 22:39	1°♌39'43	1.39489 AU
evening rise	-1913 Aug 10 j 02:09	8°♌49'26	
desc. node	-1913 Aug 20 j 19:13	26°♌05'01	
	-1913 Aug 23 j 09:14	0°♍	
evening max el	-1913 Sep 14 j 06:39	28°♍30'49	24°01'13
	-1913 Sep 15 j 19:59	0°♎	
retrograde	-1913 Sep 25 j 05:19	4°♎57'17	
evening set	-1913 Sep 30 j 10:49	2°♎46'11	
	-1913 Oct 03 j 02:22	30°℞♍	
inferior conj	-1913 Oct 05 j 20:21	26°♍23'36	0°-19'-17
minimum elong	-1913 Oct 05 j 20:48	26°♍22'02	0°19'06
min. Earth dist.	-1913 Oct 05 j 06:47	27°♍09'33	0.67426 AU
asc. node	-1913 Oct 06 j 18:44	25°♍08'12	
morning rise	-1913 Oct 11 j 07:01	20°♍14'07	
direct	-1913 Oct 15 j 03:49	18°♍49'07	
morning max el	-1913 Oct 23 j 07:42	23°♍34'54	20°43'16
	-1913 Oct 28 j 19:10	0°♎	
greatest brilliancy	-1913 Oct 29 j 08:04	0°♎41'57	-0.5m
desc. node	-1913 Nov 16 j 18:40	27°♎30'58	
	-1913 Nov 18 j 09:30	0°♏	
morning set	-1913 Nov 21 j 05:11	4°♏21'52	
max. Earth dist.	-1913 Nov 30 j 10:43	18°♏59'49	1.43046 AU
superior conj	-1913 Dec 07 j 00:14	29°♏48'09	-1°-47'-33
minimum elong	-1913 Dec 06 j 19:03	29°♏26'27	1°47'16
	-1913 Dec 07 j 03:03	0°♐	
evening rise	-1913 Dec 19 j 02:37	20°♐43'45	
	-1913 Dec 24 j 08:46	0°♑	
asc. node	-1912 Jan 02 j 17:58	14°♑44'14	
evening max el	-1912 Jan 05 j 04:48	17°♑32'03	18°08'14
retrograde	-1912 Jan 11 j 18:51	20°♑58'37	
evening set	-1912 Jan 14 j 11:43	20°♑23'16	
inferior conj	-1912 Jan 20 j 23:26	15°♑14'31	3°56'07
minimum elong	-1912 Jan 20 j 22:47	15°♑16'08	3°56'04
min. Earth dist.	-1912 Jan 23 j 20:38	12°♑20'05	0.62096 AU
morning rise	-1912 Jan 27 j 07:37	9°♑21'33	
direct	-1912 Feb 03 j 07:51	6°♑48'35	
desc. node	-1912 Feb 12 j 17:51	10°♑36'58	
morning max el	-1912 Feb 17 j 08:12	14°♑37'12	27°44'44
	-1912 Feb 29 j 20:13	0°♒	
	-1912 Mar 18 j 12:37	0°♓	
morning set	-1912 Mar 21 j 14:36	6°♓08'35	
max. Earth dist.	-1912 Mar 27 j 10:44	18°♓24'30	1.32732 AU
superior conj	-1912 Mar 29 j 01:13	21°♓52'36	0°-17'-32
minimum elong	-1912 Mar 29 j 02:02	21°♓57'00	0°17'23
asc. node	-1912 Mar 30 j 17:19	25°♓30'36	
	-1912 Apr 01 j 18:54	0°♈	
evening rise	-1912 Apr 05 j 01:52	7°♈03'04	
	-1912 Apr 17 j 05:11	0°♉	
evening max el	-1912 Apr 30 j 00:31	16°♉41'03	24°19'53
desc. node	-1912 May 10 j 16:56	23°♉17'36	
retrograde	-1912 May 13 j 22:16	23°♉41'26	
evening set	-1912 May 18 j 11:22	22°♉55'07	
min. Earth dist.	-1912 May 24 j 12:10	19°♉55'07	0.56712 AU
inferior conj	-1912 May 27 j 03:58	18°♉14'07	-3°-55'-1
minimum elong	-1912 May 26 j 22:22	18°♉23'02	3°53'59
morning rise	-1912 Jun 04 j 13:19	14°♉10'12	
direct	-1912 Jun 07 j 02:23	13°♉52'42	
morning max el	-1912 Jun 16 j 14:53	18°♉17'43	19°34'18
	-1912 Jun 25 j 11:38	0°♊	
asc. node	-1912 Jun 26 j 16:37	2°♊03'36	
morning set	-1912 Jul 04 j 00:40	16°♊00'06	
	-1912 Jul 10 j 23:52	0°♋	
superior conj	-1912 Jul 12 j 03:00	2°♋14'11	1°47'00
minimum elong	-1912 Jul 12 j 02:05	2°♋09'40	1°47'02
max. Earth dist.	-1912 Jul 18 j 01:10	13°♋35'46	1.37535 AU
evening rise	-1912 Jul 21 j 22:21	20°♋40'10	
	-1912 Jul 27 j 07:49	0°♌	
desc. node	-1912 Aug 06 j 16:14	16°♌23'37	
	-1912 Aug 16 j 08:56	0°♍	
evening max el	-1912 Aug 26 j 17:50	12°♍04'08	25°17'43
retrograde	-1912 Sep 07 j 16:37	18°♍58'44	
evening set	-1912 Sep 13 j 13:05	16°♍30'27	
min. Earth dist.	-1912 Sep 18 j 00:27	11°♍29'30	0.66992 AU
inferior conj	-1912 Sep 19 j 00:44	10°♍10'20	-1°-13'-55
minimum elong	-1912 Sep 19 j 02:32	10°♍04'27	1°13'11
asc. node	-1912 Sep 22 j 15:48	5°♍50'18	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning rise	-1912 Sep 24 j 16:32	4°♍08'33	
direct	-1912 Sep 28 j 01:58	3°♍01'50	
morning max el	-1912 Oct 05 j 10:15	7°♍14'07	19°37'33
greatest brilliancy	-1912 Oct 13 j 22:17	18°♍01'52	-0.6m
	-1912 Oct 21 j 23:00	0°♎	
morning set	-1912 Oct 30 j 03:57	12°♎38'55	
desc. node	-1912 Nov 02 j 15:40	18°♎04'19	
	-1912 Nov 10 j 06:12	0°♏	
max. Earth dist.	-1912 Nov 11 j 23:21	2°♏42'50	1.44314 AU
superior conj	-1912 Nov 15 j 23:14	9°♏05'26	-1°-19'-16
minimum elong	-1912 Nov 15 j 15:31	8°♏34'28	1°18'30
	-1912 Nov 28 j 16:50	0°♐	
evening rise	-1912 Nov 29 j 23:40	2°♐09'27	
	-1912 Dec 17 j 22:14	0°♑	
evening max el	-1912 Dec 18 j 17:24	0°♑50'57	18°21'32
asc. node	-1912 Dec 19 j 15:01	1°♑42'59	
retrograde	-1912 Dec 25 j 06:16	4°♑24'44	
evening set	-1912 Dec 28 j 03:26	3°♑40'00	
	-1911 Jan 01 j 14:20	30°℞♐	
inferior conj	-1911 Jan 03 j 05:42	28°♐11'25	3°42'41
minimum elong	-1911 Jan 03 j 03:29	28°♐17'40	3°42'20
min. Earth dist.	-1911 Jan 05 j 12:13	25°♐37'44	0.63889 AU
morning rise	-1911 Jan 09 j 02:03	22°♐08'53	
direct	-1911 Jan 16 j 01:03	19°♐19'58	
morning max el	-1911 Jan 29 j 16:11	27°♐06'55	27°32'30
desc. node	-1911 Jan 29 j 14:54	27°♐03'45	
	-1911 Feb 01 j 09:59	0°♑	
	-1911 Feb 22 j 11:14	0°♒	
morning set	-1911 Mar 05 j 11:20	20°♒14'30	
	-1911 Mar 10 j 06:24	0°♓	
max. Earth dist.	-1911 Mar 10 j 14:13	0°♓40'52	1.33405 AU
superior conj	-1911 Mar 13 j 08:11	6°♓29'32	0°-43'-28
minimum elong	-1911 Mar 13 j 10:11	6°♓40'13	0°43'06
asc. node	-1911 Mar 17 j 14:21	15°♓37'05	
evening rise	-1911 Mar 20 j 13:20	21°♓54'11	
	-1911 Mar 24 j 12:24	0°♈	
evening max el	-1911 Apr 11 j 16:35	27°♈19'38	22°45'11
	-1911 Apr 14 j 19:33	0°♉	
retrograde	-1911 Apr 24 j 21:12	3°♉49'27	
desc. node	-1911 Apr 27 j 13:58	3°♉33'26	
evening set	-1911 Apr 28 j 02:29	3°♉26'46	
	-1911 May 05 j 23:47	30°℞♈	
min. Earth dist.	-1911 May 06 j 01:45	29°♈57'12	0.55469 AU
inferior conj	-1911 May 07 j 09:18	29°♈11'55	-2°-37'-35
minimum elong	-1911 May 07 j 02:59	29°♈21'00	2°35'42
morning rise	-1911 May 16 j 06:01	25°♈16'38	
direct	-1911 May 18 j 22:37	24°♈59'40	
	-1911 May 29 j 21:23	0°♉	
morning max el	-1911 May 30 j 02:23	0°♉11'31	20°48'07
asc. node	-1911 Jun 13 j 13:39	21°♉16'25	
	-1911 Jun 17 j 23:20	0°♊	
morning set	-1911 Jun 18 j 07:07	0°♊39'46	
superior conj	-1911 Jun 25 j 21:30	16°♊22'51	1°39'06
minimum elong	-1911 Jun 25 j 19:24	16°♊12'06	1°38'59
max. Earth dist.	-1911 Jun 30 j 09:18	25°♊24'14	1.35801 AU
	-1911 Jul 02 j 18:11	0°♋	
evening rise	-1911 Jul 04 j 15:06	3°♋32'30	
	-1911 Jul 20 j 05:52	0°♌	
desc. node	-1911 Jul 24 j 13:14	6°♌22'21	
evening max el	-1911 Aug 09 j 05:19	25°♌38'37	26°22'17
	-1911 Aug 14 j 10:00	0°♍	
retrograde	-1911 Aug 21 j 23:00	2°♍50'26	
evening set	-1911 Aug 28 j 09:43	0°♍09'20	
	-1911 Aug 28 j 14:05	30°℞♌	

min. Earth dist.	-1911 Sep 01 j 13:04	25°♌46'16	0.66221 AU
inferior conj	-1911 Sep 03 j 01:11	23°♌55'29	-2°-7'-40
minimum elong	-1911 Sep 03 j 04:15	23°♌46'04	2°06'31
morning rise	-1911 Sep 08 j 23:42	18°♌04'47	
asc. node	-1911 Sep 09 j 12:50	17°♌47'43	
direct	-1911 Sep 12 j 00:08	17°♌12'53	
morning max el	-1911 Sep 18 j 19:20	21°♌00'41	18°46'58
	-1911 Sep 25 j 20:10	0°♍	
morning set	-1911 Oct 09 j 21:59	21°♍57'47	
	-1911 Oct 14 j 23:33	0°♎	
desc. node	-1911 Oct 20 j 12:41	8°♎45'24	
max. Earth dist.	-1911 Oct 25 j 16:55	16°♎54'24	1.44909 AU
superior conj	-1911 Oct 26 j 02:11	17°♎30'51	0°-35'-22
minimum elong	-1911 Oct 25 j 21:34	17°♎12'44	0°34'48
	-1911 Nov 02 j 23:56	0°♏	
evening rise	-1911 Nov 10 j 21:23	12°♏35'47	
	-1911 Nov 21 j 18:46	0°♐	
evening max el	-1911 Dec 02 j 04:30	14°♐15'46	18°52'41
asc. node	-1911 Dec 06 j 12:02	17°♐32'41	
retrograde	-1911 Dec 08 j 23:55	18°♐06'54	
evening set	-1911 Dec 12 j 02:43	17°♐11'10	
inferior conj	-1911 Dec 17 j 21:57	11°♐25'08	3°15'19
minimum elong	-1911 Dec 17 j 19:03	11°♐34'04	3°14'36
min. Earth dist.	-1911 Dec 19 j 13:24	9°♐23'45	0.65334 AU
morning rise	-1911 Dec 23 j 10:22	5°♐15'45	
direct	-1911 Dec 30 j 00:39	2°♐25'57	
morning max el	-1910 Jan 12 j 01:46	10°♐02'05	26°48'21
desc. node	-1910 Jan 16 j 11:58	14°♐51'07	
	-1910 Jan 27 j 21:23	0°♑	
	-1910 Feb 14 j 22:01	0°♒	
morning set	-1910 Feb 16 j 21:27	3°♒43'48	
max. Earth dist.	-1910 Feb 21 j 07:34	12°♒23'24	1.34513 AU
superior conj	-1910 Feb 25 j 09:48	20°♒45'23	-1°-8'-24
minimum elong	-1910 Feb 25 j 12:48	21°♒00'59	1°07'56
	-1910 Mar 01 j 19:37	0°♓	
asc. node	-1910 Mar 04 j 11:22	5°♓34'03	
evening rise	-1910 Mar 04 j 22:55	6°♓33'59	
	-1910 Mar 17 j 20:10	0°♈	
evening max el	-1910 Mar 24 j 15:01	8°♈13'04	21°15'21
retrograde	-1910 Apr 05 j 11:08	13°♈55'51	
evening set	-1910 Apr 07 j 21:04	13°♈42'26	
desc. node	-1910 Apr 14 j 11:02	11°♈13'05	
inferior conj	-1910 Apr 17 j 04:22	9°♈43'14	0°-46'-5
minimum elong	-1910 Apr 17 j 02:11	9°♈46'18	0°45'19
min. Earth dist.	-1910 Apr 17 j 15:02	9°♈28'12	0.55076 AU
morning rise	-1910 Apr 26 j 07:08	5°♈40'03	
direct	-1910 Apr 29 j 09:57	5°♈18'56	
morning max el	-1910 May 12 j 03:09	11°♈23'23	22°18'54
	-1910 May 25 j 17:30	0°♉	
asc. node	-1910 May 31 j 10:41	10°♉52'54	
morning set	-1910 Jun 02 j 17:10	15°♉32'25	
superior conj	-1910 Jun 09 j 23:51	0°♊56'23	1°25'28
minimum elong	-1910 Jun 09 j 21:17	0°♊42'51	1°25'11
	-1910 Jun 09 j 13:10	0°♊	
max. Earth dist.	-1910 Jun 13 j 02:50	7°♊27'30	1.34409 AU
evening rise	-1910 Jun 17 j 23:18	17°♊11'40	
	-1910 Jun 24 j 20:33	0°♋	
desc. node	-1910 Jul 11 j 10:15	25°♋52'07	
	-1910 Jul 14 j 14:18	0°♌	
evening max el	-1910 Jul 22 j 16:59	9°♌04'54	27°07'04
retrograde	-1910 Aug 04 j 23:57	16°♌24'43	
evening set	-1910 Aug 11 j 22:13	13°♌38'32	
min. Earth dist.	-1910 Aug 15 j 18:16	9°♌53'36	0.65087 AU
inferior conj	-1910 Aug 17 j 19:29	7°♌34'24	-2°-58'-24

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-1910 Aug 17 j 23:30	7°♌23'02	2°57'07
morning rise	-1910 Aug 24 j 02:13	1°♌58'11	
direct	-1910 Aug 26 j 19:58	1°♌17'45	
asc. node	-1910 Aug 27 j 09:53	1°♌19'34	
morning max el	-1910 Sep 02 j 08:51	4°♌49'58	18°12'52
	-1910 Sep 19 j 05:42	0°♍	
morning set	-1910 Sep 20 j 19:55	2°♍38'28	
superior conj	-1910 Oct 05 j 04:54	26°♍00'52	0°14'13
minimum elong	-1910 Oct 05 j 06:40	26°♍07'55	0°13'59
behind sun begin	-1910 Oct 05 j 01:02	25°♍45'29	
behind sun end	-1910 Oct 05 j 12:18	26°♍30'20	
desc. node	-1910 Oct 07 j 09:40	29°♍30'17	
	-1910 Oct 07 j 17:11	0°♎	
max. Earth dist.	-1910 Oct 08 j 11:44	1°♎13'18	1.44760 AU
evening rise	-1910 Oct 21 j 19:28	22°♎03'44	
	-1910 Oct 26 j 22:15	0°♏	
greatest brilliancy	-1910 Nov 07 j 09:11	17°♏19'51	-0.7m
evening max el	-1910 Nov 15 j 11:49	27°♏42'34	19°40'22
	-1910 Nov 18 j 00:19	0°♐	
retrograde	-1910 Nov 22 j 20:46	1°♐59'57	
asc. node	-1910 Nov 23 j 09:04	1°♐58'27	
evening set	-1910 Nov 26 j 07:00	0°♐51'15	
	-1910 Nov 27 j 09:38	30°℞♏	
inferior conj	-1910 Dec 01 j 21:12	24°♏50'51	2°38'06
minimum elong	-1910 Dec 01 j 18:19	25°♏00'19	2°37'10
min. Earth dist.	-1910 Dec 02 j 22:55	23°♏26'37	0.66394 AU
morning rise	-1910 Dec 07 j 04:57	18°♏36'51	
direct	-1910 Dec 13 j 06:03	15°♏57'50	
morning max el	-1910 Dec 25 j 11:02	23°♏11'24	25°40'11
	-1910 Dec 31 j 12:42	0°♐	
desc. node	-1909 Jan 03 j 09:01	3°♐35'29	
	-1909 Jan 21 j 05:33	0°♑	
morning set	-1909 Jan 30 j 16:32	16°♑23'39	
max. Earth dist.	-1909 Feb 03 j 13:19	23°♑36'19	1.36063 AU
	-1909 Feb 06 j 20:34	0°♒	
superior conj	-1909 Feb 09 j 03:28	4°♒32'43	-1°-30'-43
minimum elong	-1909 Feb 09 j 06:59	4°♒50'18	1°30'19
evening rise	-1909 Feb 17 j 04:38	20°♒56'23	
asc. node	-1909 Feb 19 j 08:24	25°♒16'52	
	-1909 Feb 21 j 18:27	0°♓	
evening max el	-1909 Mar 06 j 23:52	19°♓40'15	19°59'52
retrograde	-1909 Mar 17 j 03:35	24°♓31'07	
evening set	-1909 Mar 19 j 08:19	24°♓18'30	
inferior conj	-1909 Mar 28 j 03:22	20°♓18'06	1°09'40
minimum elong	-1909 Mar 28 j 06:18	20°♓13'37	1°08'41
min. Earth dist.	-1909 Mar 30 j 05:13	19°♓02'27	0.55625 AU
desc. node	-1909 Apr 01 j 08:06	17°♓49'41	
morning rise	-1909 Apr 06 j 01:25	15°♓49'14	
direct	-1909 Apr 10 j 01:12	15°♓14'12	
morning max el	-1909 Apr 23 j 20:21	22°♓05'04	23°58'35
	-1909 Apr 30 j 18:20	0°♈	
	-1909 May 17 j 22:51	0°♉	
morning set	-1909 May 18 j 05:03	0°♉32'31	
asc. node	-1909 May 18 j 07:45	0°♉46'40	
superior conj	-1909 May 25 j 07:25	15°♉46'41	1°07'30
minimum elong	-1909 May 25 j 04:58	15°♉33'29	1°07'08
max. Earth dist.	-1909 May 27 j 05:37	19°♉54'26	1.33398 AU
	-1909 Jun 01 j 01:44	0°♊	
evening rise	-1909 Jun 01 j 18:38	1°♊25'27	
	-1909 Jun 17 j 18:55	0°♋	
desc. node	-1909 Jun 28 j 07:16	14°♋40'45	
evening max el	-1909 Jul 05 j 03:23	22°♋11'37	27°25'07
retrograde	-1909 Jul 18 j 19:16	29°♋33'22	
evening set	-1909 Jul 25 j 23:30	26°♋53'44	

min. Earth dist.	-1909 Jul 29 j 14:16	23°♋42'50	0.63580 AU
inferior conj	-1909 Aug 01 j 05:08	21°♋02'10	-3°-43'-2
minimum elong	-1909 Aug 01 j 09:24	20°♋51'14	3°42'00
morning rise	-1909 Aug 07 j 21:21	15°♋43'41	
direct	-1909 Aug 10 j 10:47	15°♋11'40	
asc. node	-1909 Aug 14 j 06:57	16°♋24'14	
morning max el	-1909 Aug 17 j 00:11	18°♋36'50	17°56'10
	-1909 Aug 25 j 07:20	0°♌	
morning set	-1909 Sep 02 j 19:21	14°♌32'03	
	-1909 Sep 11 j 19:52	0°♍	
superior conj	-1909 Sep 15 j 03:48	5°♍32'43	0°57'09
minimum elong	-1909 Sep 15 j 09:02	5°♍54'17	0°56'32
max. Earth dist.	-1909 Sep 21 j 03:59	15°♍18'49	1.43905 AU
desc. node	-1909 Sep 24 j 06:40	20°♍16'02	
	-1909 Sep 30 j 12:03	0°♎	
evening rise	-1909 Oct 01 j 02:16	0°♎54'57	
	-1909 Oct 20 j 15:18	0°♏	
greatest brilliancy	-1909 Oct 23 j 16:29	4°♏08'14	-0.5m
evening max el	-1909 Oct 29 j 13:43	11°♏09'22	20°42'26
retrograde	-1909 Nov 06 j 18:17	16°♏00'05	
asc. node	-1909 Nov 10 j 06:08	14°♏50'06	
evening set	-1909 Nov 10 j 14:02	14°♏36'10	
inferior conj	-1909 Nov 16 j 00:58	8°♏24'55	1°53'49
minimum elong	-1909 Nov 15 j 22:37	8°♏32'56	1°52'56
min. Earth dist.	-1909 Nov 16 j 14:36	7°♏38'30	0.67095 AU
morning rise	-1909 Nov 21 j 06:45	2°♏08'40	
	-1909 Nov 25 j 01:26	30°℞♎	
direct	-1909 Nov 26 j 16:46	29°♎47'47	
	-1909 Nov 28 j 09:42	0°♏	
morning max el	-1909 Dec 07 j 19:36	6°♏25'46	24°17'29
desc. node	-1909 Dec 21 j 06:03	22°♏59'55	
	-1909 Dec 26 j 03:24	0°♐	
morning set	-1908 Jan 12 j 14:39	27°♐57'05	
	-1908 Jan 13 j 18:49	0°♑	
max. Earth dist.	-1908 Jan 16 j 10:09	4°♑41'34	1.37987 AU
superior conj	-1908 Jan 23 j 09:43	17°♑41'14	-1°-48'-13
minimum elong	-1908 Jan 23 j 12:47	17°♑55'54	1°48'03
	-1908 Jan 29 j 16:45	0°♒	
evening rise	-1908 Feb 01 j 04:05	4°♒53'45	
asc. node	-1908 Feb 06 j 05:27	14°♒39'10	
	-1908 Feb 16 j 03:34	0°♓	
evening max el	-1908 Feb 17 j 19:22	1°♓44'03	19°02'59
retrograde	-1908 Feb 26 j 09:28	5°♓51'26	
evening set	-1908 Feb 28 j 16:43	5°♓34'55	
inferior conj	-1908 Mar 07 j 18:14	1°♓20'42	2°39'59
minimum elong	-1908 Mar 07 j 22:55	1°♓12'31	2°38'47
	-1908 Mar 09 j 16:20	30°℞♒	
min. Earth dist.	-1908 Mar 10 j 20:59	29°♒11'05	0.56998 AU
morning rise	-1908 Mar 16 j 01:03	26°♒19'54	
desc. node	-1908 Mar 18 j 05:10	25°♒38'12	
direct	-1908 Mar 21 j 05:09	25°♒16'41	
	-1908 Apr 01 j 11:23	0°♓	
morning max el	-1908 Apr 04 j 11:19	2°♓38'31	25°34'08
	-1908 Apr 23 j 19:54	0°♈	
morning set	-1908 May 01 j 17:01	15°♈32'49	
asc. node	-1908 May 04 j 04:49	20°♈51'11	
	-1908 May 08 j 09:41	0°♉	
superior conj	-1908 May 08 j 17:58	0°♉45'14	0°46'16
minimum elong	-1908 May 08 j 16:05	0°♉34'56	0°45'55
max. Earth dist.	-1908 May 09 j 15:06	2°♉40'27	1.32756 AU
evening rise	-1908 May 15 j 21:37	16°♉01'52	
	-1908 May 23 j 01:07	0°♊	
	-1908 Jun 11 j 21:57	0°♋	
desc. node	-1908 Jun 14 j 04:19	2°♋30'24	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening max el	-1908 Jun 16 j 10:23	4°♋46'25	27°11'45
retrograde	-1908 Jun 30 j 08:09	12°♋06'30	
evening set	-1908 Jul 07 j 09:35	9°♋47'42	
min. Earth dist.	-1908 Jul 11 j 00:17	7°♋00'40	0.61741 AU
inferior conj	-1908 Jul 14 j 03:00	4°♋11'29	-4°-16'-52
minimum elong	-1908 Jul 14 j 06:17	4°♋04'00	4°16'23
	-1908 Jul 19 j 12:34	30°℞♊	
morning rise	-1908 Jul 21 j 05:45	29°♊13'25	
direct	-1908 Jul 23 j 17:06	28°♊47'18	
	-1908 Jul 27 j 18:23	0°♋	
morning max el	-1908 Jul 30 j 14:31	2°♋14'24	17°57'56
asc. node	-1908 Jul 31 j 04:02	2°♋48'31	
morning set	-1908 Aug 15 j 14:41	27°♋22'56	
	-1908 Aug 17 j 01:10	0°♌	
superior conj	-1908 Aug 26 j 06:18	16°♌26'28	1°26'58
minimum elong	-1908 Aug 26 j 10:59	16°♌46'48	1°26'33
max. Earth dist.	-1908 Sep 02 j 15:28	28°♌55'10	1.42464 AU
	-1908 Sep 03 j 07:14	0°♍	
evening rise	-1908 Sep 09 j 11:39	9°♍56'29	
desc. node	-1908 Sep 10 j 03:41	10°♍59'35	
	-1908 Sep 22 j 16:09	0°♎	
greatest brilliancy	-1908 Oct 06 j 14:44	19°♎09'59	-0.4m
evening max el	-1908 Oct 11 j 09:44	24°♎36'33	21°55'36
	-1908 Oct 19 j 15:07	0°♏	
retrograde	-1908 Oct 20 j 14:30	0°♏04'43	
	-1908 Oct 21 j 13:23	30°℞♎	
evening set	-1908 Oct 24 j 21:59	28°♎23'27	
asc. node	-1908 Oct 27 j 03:12	26°♎12'48	
inferior conj	-1908 Oct 30 j 07:13	22°♎05'02	1°04'32
minimum elong	-1908 Oct 30 j 05:46	22°♎10'03	1°03'55
min. Earth dist.	-1908 Oct 30 j 09:59	21°♎55'29	0.67468 AU
morning rise	-1908 Nov 04 j 13:20	15°♎49'12	
direct	-1908 Nov 09 j 08:05	13°♎49'59	
morning max el	-1908 Nov 19 j 05:39	19°♎43'28	22°50'14
greatest brilliancy	-1908 Nov 23 j 23:29	25°♎02'37	-0.3m
	-1908 Nov 27 j 21:21	0°♏	
desc. node	-1908 Dec 07 j 03:05	12°♏52'58	
	-1908 Dec 18 j 08:43	0°♐	
morning set	-1908 Dec 23 j 09:43	8°♐09'08	
max. Earth dist.	-1908 Dec 28 j 05:43	16°♐16'15	1.40088 AU
superior conj	-1907 Jan 05 j 00:05	29°♐59'54	-1°-57'-53
minimum elong	-1907 Jan 05 j 01:10	0°♑04'51	1°57'55
	-1907 Jan 05 j 00:06	0°♑	
evening rise	-1907 Jan 14 j 18:27	18°♑19'17	
	-1907 Jan 21 j 01:04	0°♒	
asc. node	-1907 Jan 23 j 02:31	3°♒34'14	
evening max el	-1907 Jan 30 j 23:27	14°♒19'41	18°26'04
retrograde	-1907 Feb 07 j 09:56	17°♒59'03	
evening set	-1907 Feb 09 j 21:15	17°♒36'03	
inferior conj	-1907 Feb 17 j 05:46	13°♒01'26	3°33'52
minimum elong	-1907 Feb 17 j 08:57	12°♒54'57	3°33'22
min. Earth dist.	-1907 Feb 20 j 15:54	10°♒15'40	0.58897 AU
morning rise	-1907 Feb 24 j 17:01	7°♒34'30	
direct	-1907 Mar 02 j 22:30	5°♒53'28	
desc. node	-1907 Mar 05 j 02:15	6°♒05'22	
morning max el	-1907 Mar 17 j 05:34	13°♒31'07	26°50'22
	-1907 Mar 30 j 07:47	0°♓	
	-1907 Apr 15 j 22:08	0°♈	
morning set	-1907 Apr 16 j 03:24	0°♈27'27	
asc. node	-1907 Apr 21 j 01:52	11°♈01'50	
superior conj	-1907 Apr 23 j 05:43	15°♈45'39	0°22'38
minimum elong	-1907 Apr 23 j 04:43	15°♈40'12	0°22'25
max. Earth dist.	-1907 Apr 23 j 03:58	15°♈36'03	1.32470 AU
	-1907 Apr 29 j 19:42	0°♉	
evening rise	-1907 Apr 30 j 05:37	0°♉52'07	
	-1907 May 16 j 05:07	0°♊	
evening max el	-1907 May 29 j 11:43	16°♊39'51	26°25'37
desc. node	-1907 Jun 01 j 01:22	18°♊56'22	
retrograde	-1907 Jun 12 j 12:52	23°♊56'02	
evening set	-1907 Jun 18 j 23:59	22°♊10'56	
min. Earth dist.	-1907 Jun 23 j 00:56	19°♊32'04	0.59706 AU
inferior conj	-1907 Jun 26 j 09:29	16°♊53'14	-4°-32'-37
minimum elong	-1907 Jun 26 j 10:04	16°♊52'04	4°32'35
morning rise	-1907 Jul 03 j 23:35	12°♊17'23	
direct	-1907 Jul 06 j 10:54	11°♊55'22	
morning max el	-1907 Jul 14 j 00:48	15°♊34'30	18°19'11
asc. node	-1907 Jul 18 j 01:07	20°♊16'46	
	-1907 Jul 24 j 02:56	0°♋	
morning set	-1907 Jul 30 j 00:32	10°♋56'52	
superior conj	-1907 Aug 08 j 09:40	28°♋34'26	1°43'17
minimum elong	-1907 Aug 08 j 12:04	28°♋45'25	1°43'12
	-1907 Aug 09 j 04:27	0°♌	
max. Earth dist.	-1907 Aug 15 j 21:40	11°♌51'40	1.40632 AU
evening rise	-1907 Aug 20 j 16:20	19°♌53'10	
	-1907 Aug 26 j 23:44	0°♍	
desc. node	-1907 Aug 28 j 00:41	1°♍37'06	
	-1907 Sep 16 j 23:27	0°♎	
greatest brilliancy	-1907 Sep 17 j 23:10	1°♎13'51	-0.2m
evening max el	-1907 Sep 24 j 00:38	8°♎05'02	23°15'07
retrograde	-1907 Oct 04 j 07:56	14°♎10'50	
evening set	-1907 Oct 09 j 05:03	12°♎10'42	
asc. node	-1907 Oct 14 j 00:16	6°♎36'10	
inferior conj	-1907 Oct 14 j 14:05	5°♎48'47	0°11'54
minimum elong	-1907 Oct 14 j 13:48	5°♎49'45	0°11'47
transit middle	-1907 Oct 14 j 13:48	5°♎49'45	0°11'47
transit begin	-1907 Oct 14 j 11:56	5°♎56'11	
transit end	-1907 Oct 14 j 15:40	5°♎43'19	
min. Earth dist.	-1907 Oct 14 j 06:32	6°♎14'43	0.67533 AU
	-1907 Oct 19 j 11:02	30°℞♍	
morning rise	-1907 Oct 19 j 22:34	29°♍36'14	
direct	-1907 Oct 24 j 02:59	27°♍59'06	
	-1907 Oct 29 j 07:06	0°♎	
morning max el	-1907 Nov 01 j 20:36	3°♎07'30	21°26'54
greatest brilliancy	-1907 Nov 07 j 00:26	9°♎03'29	-0.4m
	-1907 Nov 21 j 22:31	0°♏	
desc. node	-1907 Nov 24 j 00:05	3°♏05'57	
morning set	-1907 Dec 03 j 00:06	16°♏59'22	
max. Earth dist.	-1907 Dec 10 j 07:09	28°♏44'42	1.42075 AU
	-1907 Dec 11 j 01:24	0°♐	
superior conj	-1907 Dec 17 j 16:58	11°♐14'13	-1°-55'-47
minimum elong	-1907 Dec 17 j 14:19	11°♐02'46	1°55'44
	-1907 Dec 28 j 05:52	0°♑	
evening rise	-1907 Dec 28 j 20:04	1°♑04'35	
asc. node	-1906 Jan 09 j 23:33	21°♑52'57	
evening max el	-1906 Jan 14 j 09:04	27°♑17'49	18°09'08
	-1906 Jan 18 j 00:33	0°♒	
retrograde	-1906 Jan 21 j 03:31	0°♒45'05	
evening set	-1906 Jan 23 j 18:27	0°♒14'22	
	-1906 Jan 24 j 08:07	30°℞♑	
inferior conj	-1906 Jan 30 j 12:48	25°♑17'35	3°55'18
minimum elong	-1906 Jan 30 j 13:27	25°♑16'03	3°55'15
min. Earth dist.	-1906 Feb 02 j 16:50	22°♑19'55	0.60956 AU
morning rise	-1906 Feb 06 j 05:48	19°♑32'30	
direct	-1906 Feb 13 j 02:26	17°♑15'43	
desc. node	-1906 Feb 19 j 23:19	19°♑17'53	
morning max el	-1906 Feb 27 j 05:57	25°♑01'01	27°35'26
	-1906 Mar 03 j 20:12	0°♒	
	-1906 Mar 23 j 15:16	0°♓	
morning set	-1906 Mar 31 j 10:21	15°♓09'55	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

max. Earth dist.	-1906 Apr 06 j 16:28	28°♓28'16	1.32533 AU
	-1906 Apr 07 j 09:17	0°♈	
superior conj	-1906 Apr 07 j 16:59	0°♈41'59	0°-2'-37
minimum elong	-1906 Apr 07 j 17:06	0°♈42'38	0°02'36
behind sun begin	-1906 Apr 07 j 12:06	0°♈15'19	
behind sun end	-1906 Apr 07 j 22:05	1°♈09'56	
asc. node	-1906 Apr 07 j 22:55	1°♈14'27	
evening rise	-1906 Apr 14 j 16:28	15°♈48'29	
	-1906 Apr 21 j 19:14	0°♉	
evening max el	-1906 May 11 j 06:35	27°♉50'49	25°11'15
	-1906 May 13 j 16:39	0°♊	
desc. node	-1906 May 18 j 22:25	3°♊25'52	
retrograde	-1906 May 25 j 07:21	4°♊59'33	
evening set	-1906 May 30 j 15:57	3°♊53'07	
min. Earth dist.	-1906 Jun 04 j 18:29	1°♊05'20	0.57716 AU
	-1906 Jun 06 j 09:12	30°℞♉	
inferior conj	-1906 Jun 07 j 21:13	28°♉57'54	-4°-19'-51
minimum elong	-1906 Jun 07 j 17:43	29°♉03'55	4°19'28
morning rise	-1906 Jun 15 j 23:25	24°♉43'52	
direct	-1906 Jun 18 j 11:52	24°♉24'52	
morning max el	-1906 Jun 27 j 04:10	28°♉28'34	19°00'54
	-1906 Jun 28 j 16:16	0°♊	
asc. node	-1906 Jul 04 j 22:11	8°♊34'58	
morning set	-1906 Jul 13 j 20:46	25°♊03'22	
	-1906 Jul 16 j 08:50	0°♋	
superior conj	-1906 Jul 22 j 08:19	11°♋41'41	1°48'16
minimum elong	-1906 Jul 22 j 08:26	11°♋42'14	1°48'19
max. Earth dist.	-1906 Jul 29 j 00:35	24°♋08'09	1.38649 AU
	-1906 Aug 01 j 07:59	0°♌	
evening rise	-1906 Aug 01 j 22:37	1°♌03'31	
desc. node	-1906 Aug 14 j 21:42	22°♌04'41	
	-1906 Aug 20 j 06:31	0°♍	
evening max el	-1906 Sep 06 j 12:31	21°♍36'50	24°34'38
retrograde	-1906 Sep 17 j 21:37	28°♍15'45	
evening set	-1906 Sep 23 j 09:36	25°♍56'54	
min. Earth dist.	-1906 Sep 28 j 01:50	20°♍35'23	0.67290 AU
inferior conj	-1906 Sep 28 j 19:52	19°♍35'07	0°-42'-26
minimum elong	-1906 Sep 28 j 20:54	19°♍31'41	0°42'01
asc. node	-1906 Sep 30 j 21:20	16°♍54'51	
morning rise	-1906 Oct 04 j 08:32	13°♍28'45	
direct	-1906 Oct 08 j 00:18	12°♍11'53	
morning max el	-1906 Oct 15 j 18:54	16°♍41'46	20°13'36
greatest brilliancy	-1906 Oct 22 j 15:29	25°♍01'34	-0.6m
	-1906 Oct 26 j 04:51	0°♎	
desc. node	-1906 Nov 10 j 21:06	23°♎33'22	
morning set	-1906 Nov 11 j 21:46	25°♎08'42	
	-1906 Nov 15 j 00:45	0°♏	
max. Earth dist.	-1906 Nov 22 j 16:30	12°♏06'10	1.43666 AU
superior conj	-1906 Nov 28 j 07:26	21°♏13'23	-1°-37'-45
minimum elong	-1906 Nov 28 j 00:41	20°♏45'39	1°37'14
	-1906 Dec 03 j 14:04	0°♐	
evening rise	-1906 Dec 11 j 04:49	13°♐01'51	
	-1906 Dec 21 j 04:05	0°♑	
asc. node	-1906 Dec 27 j 20:34	9°♑24'31	
evening max el	-1906 Dec 28 j 21:17	10°♑30'35	18°11'36
retrograde	-1905 Jan 04 j 09:48	13°♑59'04	
evening set	-1905 Jan 07 j 04:24	13°♑19'47	
inferior conj	-1905 Jan 13 j 11:43	8°♑02'01	3°52'28
minimum elong	-1905 Jan 13 j 10:18	8°♑05'48	3°52'18
min. Earth dist.	-1905 Jan 16 j 02:46	5°♑14'45	0.62892 AU
morning rise	-1905 Jan 19 j 14:21	2°♑04'29	
	-1905 Jan 23 j 05:46	30°℞♐	
direct	-1905 Jan 26 j 14:58	29°♐23'13	
	-1905 Jan 30 j 04:10	0°♑	
desc. node	-1905 Feb 06 j 20:21	4°♑44'17	
morning max el	-1905 Feb 09 j 12:03	7°♑11'40	27°43'59
	-1905 Feb 26 j 23:37	0°♒	
morning set	-1905 Mar 15 j 11:35	29°♒31'59	
	-1905 Mar 15 j 17:09	0°♓	
max. Earth dist.	-1905 Mar 21 j 00:33	11°♓02'23	1.32967 AU
superior conj	-1905 Mar 23 j 02:00	15°♓27'43	0°-28'-34
minimum elong	-1905 Mar 23 j 03:20	15°♓34'52	0°28'19
asc. node	-1905 Mar 25 j 19:56	21°♓24'24	
	-1905 Mar 29 j 19:59	0°♈	
evening rise	-1905 Mar 30 j 04:12	0°♈43'26	
	-1905 Apr 15 j 14:49	0°♉	
evening max el	-1905 Apr 22 j 21:41	8°♉32'48	23°39'47
desc. node	-1905 May 05 j 19:29	15°♉21'37	
retrograde	-1905 May 06 j 13:49	15°♉22'56	
evening set	-1905 May 10 j 12:50	14°♉48'22	
min. Earth dist.	-1905 May 17 j 08:28	11°♉37'25	0.56095 AU
inferior conj	-1905 May 19 j 12:43	10°♉18'46	-3°-27'-27
minimum elong	-1905 May 19 j 06:13	10°♉28'37	3°25'55
morning rise	-1905 May 28 j 03:15	6°♉20'39	
direct	-1905 May 30 j 17:27	6°♉03'44	
morning max el	-1905 Jun 09 j 22:01	10°♉46'41	20°03'22
asc. node	-1905 Jun 21 j 19:13	27°♉30'32	
	-1905 Jun 23 j 03:32	0°♊	
morning set	-1905 Jun 28 j 00:11	9°♊32'49	
superior conj	-1905 Jul 05 j 20:50	25°♊31'48	1°44'28
minimum elong	-1905 Jul 05 j 19:19	25°♊24'13	1°44'26
	-1905 Jul 08 j 02:51	0°♋	
max. Earth dist.	-1905 Jul 11 j 04:51	5°♋58'10	1.36762 AU
evening rise	-1905 Jul 15 j 04:10	13°♋22'05	
	-1905 Jul 24 j 20:15	0°♌	
desc. node	-1905 Aug 01 j 18:44	12°♌16'05	
	-1905 Aug 15 j 03:39	0°♍	
evening max el	-1905 Aug 19 j 23:30	5°♍10'45	25°46'57
retrograde	-1905 Sep 01 j 06:56	12°♍14'13	
evening set	-1905 Sep 07 j 09:45	9°♍39'24	
min. Earth dist.	-1905 Sep 11 j 17:32	4°♍54'38	0.66712 AU
inferior conj	-1905 Sep 12 j 22:48	3°♍21'28	-1°-36'-57
minimum elong	-1905 Sep 13 j 01:10	3°♍13'56	1°36'01
	-1905 Sep 15 j 17:40	30°℞♌	
asc. node	-1905 Sep 17 j 18:22	28°♌04'42	
morning rise	-1905 Sep 18 j 17:18	27°♌24'16	
direct	-1905 Sep 21 j 22:34	26°♌24'26	
	-1905 Sep 28 j 14:26	0°♍	
morning max el	-1905 Sep 29 j 00:32	0°♍25'10	19°14'05
	-1905 Oct 19 j 16:34	0°♎	
morning set	-1905 Oct 22 j 02:36	3°♎46'43	
desc. node	-1905 Oct 28 j 18:07	14°♎10'46	
max. Earth dist.	-1905 Nov 05 j 07:37	26°♎03'52	1.44653 AU
superior conj	-1905 Nov 07 j 20:10	0°♏03'25	-1°-2'-7
minimum elong	-1905 Nov 07 j 13:01	29°♎35'04	1°01'19
	-1905 Nov 07 j 19:18	0°♏	
evening rise	-1905 Nov 22 j 16:21	24°♏03'20	
	-1905 Nov 26 j 06:48	0°♐	
evening max el	-1905 Dec 12 j 09:28	23°♐52'23	18°32'39
asc. node	-1905 Dec 14 j 17:35	25°♐55'54	
retrograde	-1905 Dec 19 j 00:25	27°♐32'50	
evening set	-1905 Dec 21 j 23:40	26°♐43'46	
inferior conj	-1905 Dec 27 j 22:39	21°♐07'20	3°32'30
minimum elong	-1905 Dec 27 j 20:03	21°♐15'00	3°32'00
min. Earth dist.	-1905 Dec 29 j 22:41	18°♐46'16	0.64540 AU
morning rise	-1904 Jan 02 j 15:09	15°♐01'18	
direct	-1904 Jan 09 j 11:01	12°♐10'18	
morning max el	-1904 Jan 22 j 21:17	19°♐54'53	27°17'20

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-1904 Jan 24 j 17:23	21°♐49'03	
	-1904 Jan 31 j 13:49	0°♑	
	-1904 Feb 19 j 23:39	0°♒	
morning set	-1904 Feb 27 j 04:18	13°♒24'23	
max. Earth dist.	-1904 Mar 03 j 00:08	23°♒05'24	1.33813 AU
superior conj	-1904 Mar 06 j 06:58	29°♒56'46	0°-54'-15
minimum elong	-1904 Mar 06 j 09:26	0°♓09'47	0°53'49
	-1904 Mar 06 j 07:35	0°♓	
asc. node	-1904 Mar 11 j 16:57	11°♓27'39	
evening rise	-1904 Mar 13 j 15:05	15°♓30'41	
	-1904 Mar 20 j 23:22	0°♈	
evening max el	-1904 Apr 03 j 15:37	19°♈14'33	22°05'46
retrograde	-1904 Apr 16 j 08:34	25°♈26'40	
evening set	-1904 Apr 19 j 03:25	25°♈09'28	
desc. node	-1904 Apr 21 j 16:29	24°♈25'57	
min. Earth dist.	-1904 Apr 27 j 22:00	21°♈22'51	0.55183 AU
inferior conj	-1904 Apr 28 j 12:14	21°♈02'46	-1°-53'-6
minimum elong	-1904 Apr 28 j 07:12	21°♈09'53	1°51'27
morning rise	-1904 May 07 j 12:32	17°♈06'24	
direct	-1904 May 10 j 07:59	16°♈48'40	
morning max el	-1904 May 22 j 04:58	22°♈23'08	21°24'58
	-1904 May 28 j 17:35	0°♉	
asc. node	-1904 Jun 07 j 16:17	16°♉54'26	
morning set	-1904 Jun 11 j 08:23	24°♉18'43	
	-1904 Jun 14 j 01:52	0°♊	
superior conj	-1904 Jun 18 j 19:04	9°♊52'33	1°33'56
minimum elong	-1904 Jun 18 j 16:42	9°♊40'13	1°33'44
max. Earth dist.	-1904 Jun 22 j 16:21	17°♊49'06	1.35164 AU
evening rise	-1904 Jun 27 j 04:05	26°♊36'12	
	-1904 Jun 28 j 23:23	0°♋	
	-1904 Jul 17 j 04:49	0°♌	
desc. node	-1904 Jul 18 j 15:46	2°♌03'52	
evening max el	-1904 Aug 01 j 10:58	18°♌42'26	26°44'07
retrograde	-1904 Aug 14 j 11:16	25°♌59'30	
evening set	-1904 Aug 21 j 03:17	23°♌14'58	
min. Earth dist.	-1904 Aug 25 j 03:20	19°♌08'13	0.65783 AU
inferior conj	-1904 Aug 26 j 20:55	17°♌04'32	-2°-29'-45
minimum elong	-1904 Aug 27 j 00:27	16°♌54'03	2°28'31
morning rise	-1904 Sep 01 j 22:47	11°♌19'37	
asc. node	-1904 Sep 03 j 15:25	10°♌41'06	
direct	-1904 Sep 04 j 19:57	10°♌33'11	
morning max el	-1904 Sep 11 j 11:50	14°♌13'39	18°30'19
	-1904 Sep 22 j 20:35	0°♍	
morning set	-1904 Oct 01 j 08:14	13°♍39'52	
	-1904 Oct 11 j 12:52	0°♎	
desc. node	-1904 Oct 14 j 15:09	4°♎54'02	
superior conj	-1904 Oct 16 j 20:10	8°♎23'10	0°-14'-14
minimum elong	-1904 Oct 16 j 18:17	8°♎15'44	0°14'00
behind sun begin	-1904 Oct 16 j 12:25	7°♎52'36	
behind sun end	-1904 Oct 17 j 00:09	8°♎38'51	
max. Earth dist.	-1904 Oct 18 j 01:32	10°♎18'45	1.44931 AU
	-1904 Oct 30 j 13:55	0°♏	
evening rise	-1904 Nov 02 j 03:37	4°♏03'30	
greatest brilliancy	-1904 Nov 13 j 18:55	22°♏20'27	-0.7m
	-1904 Nov 18 j 22:51	0°♐	
evening max el	-1904 Nov 24 j 19:11	7°♐18'27	19°11'07
asc. node	-1904 Nov 30 j 14:37	11°♐11'41	
retrograde	-1904 Dec 01 j 19:42	11°♐19'56	
evening set	-1904 Dec 05 j 01:21	10°♐19'07	
inferior conj	-1904 Dec 10 j 18:14	4°♐26'49	3°00'31
minimum elong	-1904 Dec 10 j 15:15	4°♐36'14	2°59'42
min. Earth dist.	-1904 Dec 12 j 03:45	2°♐40'35	0.65829 AU
	-1904 Dec 14 j 09:57	30°℞♏	
morning rise	-1904 Dec 16 j 04:17	28°♏15'04	
direct	-1904 Dec 22 j 13:23	25°♏28'19	
	-1903 Jan 01 j 02:12	0°♐	
morning max el	-1903 Jan 04 j 06:47	2°♐57'08	26°21'42
desc. node	-1903 Jan 10 j 14:25	10°♐03'07	
	-1903 Jan 24 j 20:01	0°♑	
morning set	-1903 Feb 09 j 08:38	26°♑34'21	
	-1903 Feb 11 j 04:02	0°♒	
max. Earth dist.	-1903 Feb 13 j 12:07	4°♒31'54	1.35114 AU
superior conj	-1903 Feb 18 j 05:33	14°♒01'22	-1°-18'-18
minimum elong	-1903 Feb 18 j 08:51	14°♒18'16	1°17'51
evening rise	-1903 Feb 25 j 23:14	0°♓03'20	
	-1903 Feb 25 j 22:35	0°♓	
asc. node	-1903 Feb 26 j 13:59	1°♓19'00	
	-1903 Mar 16 j 09:37	0°♈	
evening max el	-1903 Mar 16 j 18:18	0°♈21'05	20°41'13
retrograde	-1903 Mar 27 j 21:39	5°♈41'06	
evening set	-1903 Mar 30 j 03:47	5°♈28'52	
inferior conj	-1903 Apr 08 j 07:07	1°♈31'37	0°04'31
minimum elong	-1903 Apr 08 j 07:20	1°♈31'19	0°04'27
transit middle	-1903 Apr 08 j 07:20	1°♈31'19	0°04'27
transit begin	-1903 Apr 08 j 03:25	1°♈36'57	
transit end	-1903 Apr 08 j 11:14	1°♈25'42	
desc. node	-1903 Apr 08 j 13:32	1°♈22'23	
min. Earth dist.	-1903 Apr 09 j 11:53	0°♈50'13	0.55194 AU
	-1903 Apr 10 j 23:36	30°℞♓	
morning rise	-1903 Apr 17 j 09:17	27°♓18'49	
direct	-1903 Apr 20 j 19:45	26°♓53'10	
	-1903 Apr 29 j 23:10	0°♈	
morning max el	-1903 May 04 j 01:53	3°♈19'37	23°00'50
	-1903 May 22 j 05:40	0°♉	
asc. node	-1903 May 25 j 13:21	6°♉39'02	
morning set	-1903 May 26 j 19:26	9°♉15'04	
superior conj	-1903 Jun 02 j 23:56	24°♉34'12	1°18'19
minimum elong	-1903 Jun 02 j 21:21	24°♉20'27	1°17'59
max. Earth dist.	-1903 Jun 05 j 13:54	0°♊01'46	1.33933 AU
	-1903 Jun 05 j 13:34	0°♊	
evening rise	-1903 Jun 10 j 17:31	10°♊31'56	
	-1903 Jun 21 j 08:12	0°♋	
desc. node	-1903 Jul 05 j 12:46	21°♋18'11	
	-1903 Jul 12 j 21:29	0°♌	
evening max el	-1903 Jul 14 j 22:34	2°♌03'05	27°18'26
retrograde	-1903 Jul 28 j 10:04	9°♌24'17	
evening set	-1903 Aug 04 j 11:30	6°♌39'36	
min. Earth dist.	-1903 Aug 08 j 05:02	3°♌09'37	0.64487 AU
inferior conj	-1903 Aug 10 j 11:58	0°♌40'18	-3°-18'-21
minimum elong	-1903 Aug 10 j 16:12	0°♌28'46	3°17'07
	-1903 Aug 11 j 02:50	30°℞♋	
morning rise	-1903 Aug 16 j 22:34	25°♋10'57	
direct	-1903 Aug 19 j 14:09	24°♋34'26	
asc. node	-1903 Aug 21 j 12:31	24°♋53'56	
morning max el	-1903 Aug 26 j 02:27	28°♋02'54	18°03'30
	-1903 Aug 27 j 20:57	0°♌	
morning set	-1903 Sep 12 j 17:47	24°♌54'19	
	-1903 Sep 15 j 18:18	0°♍	
superior conj	-1903 Sep 26 j 05:42	17°♍14'57	0°33'48
minimum elong	-1903 Sep 26 j 09:30	17°♍30'16	0°33'18
max. Earth dist.	-1903 Sep 30 j 19:36	24°♍34'28	1.44481 AU
desc. node	-1903 Oct 01 j 12:10	25°♍40'08	
	-1903 Oct 04 j 06:04	0°♎	
evening rise	-1903 Oct 12 j 17:34	13°♎12'03	
	-1903 Oct 23 j 17:21	0°♏	
greatest brilliancy	-1903 Nov 01 j 01:08	12°♏08'21	-0.6m
evening max el	-1903 Nov 08 j 00:30	20°♏46'20	20°05'13
retrograde	-1903 Nov 15 j 17:00	25°♏16'42	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-1903 Nov 17 j 11:40	24°♏58'30	
evening set	-1903 Nov 19 j 07:04	24°♏01'50	
inferior conj	-1903 Nov 24 j 19:42	17°♏56'38	2°20'02
minimum elong	-1903 Nov 24 j 16:59	18°♏05'43	2°19'05
min. Earth dist.	-1903 Nov 25 j 16:08	16°♏48'28	0.66744 AU
morning rise	-1903 Nov 30 j 02:19	11°♏41'34	
direct	-1903 Dec 05 j 21:17	9°♏09'24	
morning max el	-1903 Dec 17 j 15:25	16°♏08'42	25°06'03
desc. node	-1903 Dec 28 j 11:30	29°♏06'26	
	-1903 Dec 29 j 03:23	0°♐	
	-1902 Jan 17 j 18:20	0°♑	
morning set	-1902 Jan 22 j 19:29	8°♑47'36	
max. Earth dist.	-1902 Jan 26 j 13:10	15°♑36'30	1.36852 AU
superior conj	-1902 Feb 01 j 18:51	27°♑33'32	-1°-38'-53
minimum elong	-1902 Feb 01 j 22:19	27°♑50'35	1°38'35
	-1902 Feb 03 j 00:28	0°♒	
evening rise	-1902 Feb 10 j 02:35	14°♒15'41	
asc. node	-1902 Feb 13 j 11:01	20°♒53'37	
	-1902 Feb 18 j 10:12	0°♓	
evening max el	-1902 Feb 27 j 07:53	12°♓03'55	19°33'13
retrograde	-1902 Mar 08 j 18:15	16°♓34'07	
evening set	-1902 Mar 10 j 23:51	16°♓20'07	
inferior conj	-1902 Mar 19 j 11:39	12°♓15'04	1°52'16
minimum elong	-1902 Mar 19 j 15:49	12°♓08'21	1°50'59
min. Earth dist.	-1902 Mar 22 j 02:19	10°♓35'04	0.56129 AU
desc. node	-1902 Mar 26 j 10:36	8°♓13'09	
morning rise	-1902 Mar 28 j 04:15	7°♓32'54	
direct	-1902 Apr 01 j 16:06	6°♓47'25	
morning max el	-1902 Apr 15 j 17:05	13°♓52'59	24°40'45
	-1902 Apr 28 j 07:10	0°♈	
morning set	-1902 May 11 j 07:32	24°♈15'42	
asc. node	-1902 May 12 j 10:25	26°♈37'47	
	-1902 May 14 j 00:10	0°♉	
superior conj	-1902 May 18 j 08:58	9°♉28'23	0°58'50
minimum elong	-1902 May 18 j 06:42	9°♉16'07	0°58'27
max. Earth dist.	-1902 May 19 j 20:06	12°♉38'28	1.33080 AU
evening rise	-1902 May 25 j 16:28	24°♉56'27	
	-1902 May 28 j 05:09	0°♊	
	-1902 Jun 14 j 21:45	0°♋	
desc. node	-1902 Jun 22 j 09:48	9°♋44'24	
evening max el	-1902 Jun 27 j 08:03	14°♋58'35	27°23'36
retrograde	-1902 Jul 11 j 02:29	22°♋19'01	
evening set	-1902 Jul 18 j 06:51	19°♋46'45	
min. Earth dist.	-1902 Jul 21 j 20:50	16°♋47'33	0.62833 AU
inferior conj	-1902 Jul 24 j 17:03	14°♋01'39	-3°-59'-4
minimum elong	-1902 Jul 24 j 21:05	13°♋51'48	3°58'16
morning rise	-1902 Jul 31 j 13:36	8°♋51'18	
direct	-1902 Aug 03 j 01:59	8°♋21'55	
asc. node	-1902 Aug 08 j 09:38	10°♋34'29	
morning max el	-1902 Aug 09 j 17:40	11°♋46'35	17°54'36
	-1902 Aug 22 j 00:04	0°♌	
morning set	-1902 Aug 26 j 02:27	7°♌14'50	
superior conj	-1902 Sep 06 j 16:11	27°♌21'15	1°11'32
minimum elong	-1902 Sep 06 j 21:34	27°♌43'52	1°10'56
	-1902 Sep 08 j 06:04	0°♍	
max. Earth dist.	-1902 Sep 13 j 10:40	8°♍31'53	1.43362 AU
desc. node	-1902 Sep 18 j 09:11	16°♍25'30	
evening rise	-1902 Sep 21 j 23:07	22°♍01'54	
	-1902 Sep 27 j 03:35	0°♎	
greatest brilliancy	-1902 Oct 16 j 17:12	28°♎04'25	-0.4m
	-1902 Oct 18 j 06:14	0°♏	
evening max el	-1902 Oct 21 j 23:58	4°♏13'33	21°12'24
retrograde	-1902 Oct 30 j 14:07	9°♏19'22	
evening set	-1902 Nov 03 j 14:44	7°♏48'06	

asc. node	-1902 Nov 04 j 08:45	7°♏10'37	
inferior conj	-1902 Nov 09 j 00:46	1°♏33'24	1°33'25
minimum elong	-1902 Nov 08 j 22:46	1°♏40'17	1°32'36
min. Earth dist.	-1902 Nov 09 j 09:36	1°♏03'04	0.67302 AU
	-1902 Nov 10 j 04:06	30°℞♎	
morning rise	-1902 Nov 14 j 06:27	25°♎17'16	
direct	-1902 Nov 19 j 09:56	23°♎05'32	
morning max el	-1902 Nov 30 j 00:16	29°♎24'27	23°40'20
	-1902 Nov 30 j 14:09	0°♏	
desc. node	-1902 Dec 15 j 08:33	18°♏44'18	
	-1902 Dec 22 j 23:37	0°♐	
morning set	-1901 Jan 04 j 06:44	19°♐47'49	
max. Earth dist.	-1901 Jan 08 j 08:55	26°♐52'15	1.38883 AU
	-1901 Jan 10 j 03:13	0°♑	
superior conj	-1901 Jan 15 j 18:58	10°♑22'44	-1°-53'-30
minimum elong	-1901 Jan 15 j 21:24	10°♑34'11	1°53'26
evening rise	-1901 Jan 24 j 22:35	28°♑00'58	
	-1901 Jan 25 j 23:07	0°♒	
asc. node	-1901 Jan 31 j 08:04	10°♒05'34	
evening max el	-1901 Feb 10 j 07:20	24°♒22'20	18°44'45
retrograde	-1901 Feb 18 j 08:16	28°♒16'03	
evening set	-1901 Feb 20 j 17:16	27°♒56'56	
inferior conj	-1901 Feb 28 j 11:12	23°♒34'03	3°07'19
minimum elong	-1901 Feb 28 j 15:31	23°♒26'00	3°06'23
min. Earth dist.	-1901 Mar 03 j 18:54	21°♒06'37	0.57762 AU
morning rise	-1901 Mar 08 j 09:51	18°♒21'14	
desc. node	-1901 Mar 13 j 07:41	17°♒04'12	
direct	-1901 Mar 14 j 01:32	17°♒02'49	
morning max el	-1901 Mar 28 j 08:59	24°♒32'12	26°09'56
	-1901 Apr 02 j 09:10	0°♓	
	-1901 Apr 21 j 05:39	0°♈	
morning set	-1901 Apr 25 j 19:05	9°♈14'59	
asc. node	-1901 Apr 29 j 07:27	16°♈45'48	
superior conj	-1901 May 02 j 20:14	24°♈28'47	0°36'29
minimum elong	-1901 May 02 j 18:42	24°♈20'20	0°36'11
max. Earth dist.	-1901 May 03 j 07:40	25°♈31'20	1.32589 AU
	-1901 May 05 j 08:56	0°♉	
evening rise	-1901 May 09 j 21:53	9°♉40'04	
	-1901 May 20 j 13:19	0°♊	
desc. node	-1901 Jun 09 j 06:50	27°♊02'11	
evening max el	-1901 Jun 09 j 12:47	27°♊16'27	26°55'59
	-1901 Jun 12 j 15:45	0°♋	
retrograde	-1901 Jun 23 j 11:55	4°♋34'57	
evening set	-1901 Jun 30 j 09:04	2°♋28'54	
	-1901 Jul 03 j 20:26	30°℞♊	
min. Earth dist.	-1901 Jul 04 j 02:23	29°♊47'52	0.60890 AU
inferior conj	-1901 Jul 07 j 08:48	27°♊00'26	-4°-26'-18
minimum elong	-1901 Jul 07 j 11:10	26°♊55'21	4°26'04
morning rise	-1901 Jul 14 j 16:18	22°♊11'55	
direct	-1901 Jul 17 j 03:34	21°♊47'39	
morning max el	-1901 Jul 24 j 06:40	25°♊18'04	18°04'35
asc. node	-1901 Jul 26 j 06:43	27°♊28'01	
	-1901 Jul 28 j 05:45	0°♋	
morning set	-1901 Aug 09 j 04:31	20°♋25'42	
	-1901 Aug 14 j 08:43	0°♌	
superior conj	-1901 Aug 19 j 05:57	8°♌48'51	1°35'25
minimum elong	-1901 Aug 19 j 09:45	9°♌05'42	1°35'10
max. Earth dist.	-1901 Aug 26 j 20:06	21°♌53'20	1.41722 AU
	-1901 Aug 31 j 18:38	0°♍	
evening rise	-1901 Sep 01 j 15:11	1°♍22'36	
desc. node	-1901 Sep 05 j 06:11	7°♍07'00	
	-1901 Sep 20 j 15:35	0°♎	
greatest brilliancy	-1901 Sep 29 j 23:03	12°♎19'17	-0.3m
evening max el	-1901 Oct 04 j 17:30	17°♎40'39	22°28'53

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

retrograde	-1901 Oct 14 j 09:23	23°♎25'18	
evening set	-1901 Oct 18 j 22:32	21°♎35'53	
asc. node	-1901 Oct 22 j 05:50	18°♎02'56	
inferior conj	-1901 Oct 24 j 07:29	15°♎15'16	0°42'31
minimum elong	-1901 Oct 24 j 06:30	15°♎18'39	0°42'05
min. Earth dist.	-1901 Oct 24 j 05:44	15°♎21'18	0.67536 AU
morning rise	-1901 Oct 29 j 14:23	9°♎00'34	
direct	-1901 Nov 03 j 02:46	7°♎11'08	
morning max el	-1901 Nov 12 j 12:11	12°♎45'07	22°13'50
greatest brilliancy	-1901 Nov 17 j 04:53	18°♎02'47	-0.3m
	-1901 Nov 26 j 04:16	0°♏	
desc. node	-1901 Dec 02 j 05:34	8°♏46'37	
morning set	-1901 Dec 15 j 13:15	29°♏23'33	
	-1901 Dec 15 j 22:16	0°♐	
max. Earth dist.	-1901 Dec 21 j 06:37	8°♐49'20	1.40963 AU
superior conj	-1901 Dec 29 j 00:51	22°♐15'23	-1°-58'-42
minimum elong	-1901 Dec 29 j 00:32	22°♐14'00	1°58'45
	-1900 Jan 02 j 07:35	0°♑	
evening rise	-1900 Jan 08 j 08:01	11°♑10'39	
asc. node	-1900 Jan 18 j 05:06	28°♑46'32	
	-1900 Jan 18 j 23:56	0°♒	
evening max el	-1900 Jan 24 j 14:03	7°♒08'19	18°16'25
retrograde	-1900 Jan 31 j 16:36	10°♒41'10	
evening set	-1900 Feb 03 j 05:20	10°♒15'08	
inferior conj	-1900 Feb 10 j 07:26	5°♒31'05	3°46'29
minimum elong	-1900 Feb 10 j 09:33	5°♒26'30	3°46'14
min. Earth dist.	-1900 Feb 13 j 16:12	2°♒37'03	0.59766 AU
morning rise	-1900 Feb 17 j 10:28	29°♑55'09	
	-1900 Feb 17 j 07:12	30°℞♑	
direct	-1900 Feb 23 j 23:34	27°♑58'04	
desc. node	-1900 Feb 28 j 04:44	28°♑44'00	
	-1900 Mar 01 j 23:11	0°♒	
morning max el	-1900 Mar 09 j 05:58	5°♒40'26	27°13'54
	-1900 Mar 27 j 08:19	0°♓	
morning set	-1900 Apr 09 j 04:13	24°♓05'28	
	-1900 Apr 11 j 23:23	0°♈	
asc. node	-1900 Apr 15 j 04:29	6°♈57'45	
superior conj	-1900 Apr 16 j 07:57	9°♈28'08	0°12'04
minimum elong	-1900 Apr 16 j 07:25	9°♈25'10	0°11'58
behind sun begin	-1900 Apr 16 j 04:07	9°♈07'07	
behind sun end	-1900 Apr 16 j 10:42	9°♈43'13	
max. Earth dist.	-1900 Apr 15 j 20:46	8°♈26'53	1.32449 AU
evening rise	-1900 Apr 23 j 07:18	24°♈33'28	
	-1900 Apr 25 j 22:33	0°♉	
	-1900 May 13 j 17:51	0°♊	
evening max el	-1900 May 21 j 10:58	8°♊49'52	25°56'50
desc. node	-1900 May 26 j 03:53	12°♊42'42	
retrograde	-1900 Jun 04 j 12:48	16°♊04'34	
evening set	-1900 Jun 10 j 14:00	14°♊35'42	
min. Earth dist.	-1900 Jun 14 j 23:32	11°♊55'05	0.58832 AU
inferior conj	-1900 Jun 18 j 07:33	9°♊26'45	-4°-31'-25
minimum elong	-1900 Jun 18 j 06:29	9°♊28'44	4°31'22
morning rise	-1900 Jun 26 j 02:46	5°♊00'50	
direct	-1900 Jun 28 j 14:20	4°♊40'20	
morning max el	-1900 Jul 06 j 14:23	8°♊28'14	18°34'29
asc. node	-1900 Jul 12 j 03:45	15°♊18'48	
	-1900 Jul 20 j 14:14	0°♋	
morning set	-1900 Jul 22 j 19:10	4°♋14'04	
superior conj	-1900 Jul 31 j 18:13	21°♋24'00	1°46'37
minimum elong	-1900 Jul 31 j 19:35	21°♋30'25	1°46'38
	-1900 Aug 05 j 10:58	0°♌	
max. Earth dist.	-1900 Aug 07 j 23:55	4°♌29'48	1.39784 AU
evening rise	-1900 Aug 12 j 06:33	11°♌49'44	
desc. node	-1900 Aug 22 j 03:12	27°♌40'53	
	-1900 Aug 23 j 15:36	0°♍	
	-1900 Sep 15 j 03:17	0°♎	
evening max el	-1900 Sep 16 j 06:40	1°♎10'10	23°49'22
retrograde	-1900 Sep 27 j 01:30	7°♎31'42	
evening set	-1900 Oct 02 j 04:46	5°♎23'30	
	-1900 Oct 06 j 20:45	30°℞♍	
min. Earth dist.	-1900 Oct 07 j 02:08	29°♍41'41	0.67461 AU
inferior conj	-1900 Oct 07 j 14:06	29°♍00'55	0°-11'00
minimum elong	-1900 Oct 07 j 14:22	29°♍00'02	0°10'55
transit middle	-1900 Oct 07 j 14:22	29°♍00'02	0°10'55
transit begin	-1900 Oct 07 j 12:21	29°♍06'55	
transit end	-1900 Oct 07 j 16:23	28°♍53'09	
asc. node	-1900 Oct 08 j 02:53	28°♍17'31	
morning rise	-1900 Oct 13 j 00:08	22°♍50'26	
direct	-1900 Oct 16 j 22:51	21°♍22'21	
morning max el	-1900 Oct 25 j 06:10	26°♍13'55	20°54'12
	-1900 Oct 28 j 15:04	0°♎	
greatest brilliancy	-1900 Oct 31 j 00:33	3°♎00'01	-0.5m
desc. node	-1900 Nov 18 j 02:35	29°♎06'39	
	-1900 Nov 18 j 16:33	0°♏	
morning set	-1900 Nov 23 j 18:12	7°♏49'42	
max. Earth dist.	-1900 Dec 02 j 10:58	21°♏40'08	1.42810 AU
	-1900 Dec 07 j 12:20	0°♐	
superior conj	-1900 Dec 09 j 07:00	2°♐59'09	-1°-50'-17
minimum elong	-1900 Dec 09 j 02:28	2°♐40'01	1°50'05
evening rise	-1900 Dec 21 j 03:03	23°♐37'00	
	-1900 Dec 24 j 17:04	0°♑	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1900 Apr 16 j 07:57	9°♈28'08	0°12'04
minimum elong	-1900 Apr 16 j 07:25	9°♈25'10	0°11'58
behind sun begin	-1900 Apr 16 j 04:07	9°♈07'07	
behind sun end	-1900 Apr 16 j 10:42	9°♈43'13	
max. Earth dist.	-1900 Apr 15 j 20:46	8°♈26'53	1.32449 AU
evening rise	-1900 Apr 23 j 07:18	24°♈33'28	
	-1900 Apr 25 j 22:33	0°♉	
	-1900 May 13 j 17:51	0°♊	
evening max el	-1900 May 21 j 10:58	8°♊49'52	25°56'50
desc. node	-1900 May 26 j 03:53	12°♊42'42	
retrograde	-1900 Jun 04 j 12:48	16°♊04'34	
evening set	-1900 Jun 10 j 14:00	14°♊35'42	
min. Earth dist.	-1900 Jun 14 j 23:32	11°♊55'05	0.58832 AU
inferior conj	-1900 Jun 18 j 07:33	9°♊26'45	-4°-31'-25
minimum elong	-1900 Jun 18 j 06:29	9°♊28'44	4°31'22
morning rise	-1900 Jun 26 j 02:46	5°♊00'50	
direct	-1900 Jun 28 j 14:20	4°♊40'20	
morning max el	-1900 Jul 06 j 14:23	8°♊28'14	18°34'29
asc. node	-1900 Jul 12 j 03:45	15°♊18'48	
	-1900 Jul 20 j 14:14	0°♋	
morning set	-1900 Jul 22 j 19:10	4°♋14'04	
superior conj	-1900 Jul 31 j 18:13	21°♋24'00	1°46'37
minimum elong	-1900 Jul 31 j 19:35	21°♋30'25	1°46'38
	-1900 Aug 05 j 10:58	0°♌	
max. Earth dist.	-1900 Aug 07 j 23:55	4°♌29'48	1.39784 AU
evening rise	-1900 Aug 12 j 06:33	11°♌49'44	
desc. node	-1900 Aug 22 j 03:12	27°♌40'53	
	-1900 Aug 23 j 15:36	0°♍	
	-1900 Sep 15 j 03:17	0°♎	
evening max el	-1900 Sep 16 j 06:40	1°♎10'10	23°49'22
retrograde	-1900 Sep 27 j 01:30	7°♎31'42	
evening set	-1900 Oct 02 j 04:46	5°♎23'30	
	-1900 Oct 06 j 20:45	30°℞♍	
min. Earth dist.	-1900 Oct 07 j 02:08	29°♍41'41	0.67461 AU
inferior conj	-1900 Oct 07 j 14:06	29°♍00'55	0°-11'00
minimum elong	-1900 Oct 07 j 14:22	29°♍00'02	0°10'55
transit middle	-1900 Oct 07 j 14:22	29°♍00'02	0°10'55
transit begin	-1900 Oct 07 j 12:21	29°♍06'55	
transit end	-1900 Oct 07 j 16:23	28°♍53'09	
asc. node	-1900 Oct 08 j 02:53	28°♍17'31	
morning rise	-1900 Oct 13 j 00:08	22°♍50'26	
direct	-1900 Oct 16 j 22:51	21°♍22'21	
morning max el	-1900 Oct 25 j 06:10	26°♍13'55	20°54'12
	-1900 Oct 28 j 15:04	0°♎	
greatest brilliancy	-1900 Oct 31 j 00:33	3°♎00'01	-0.5m
desc. node	-1900 Nov 18 j 02:35	29°♎06'39	
	-1900 Nov 18 j 16:33	0°♏	
morning set	-1900 Nov 23 j 18:12	7°♏49'42	
max. Earth dist.	-1900 Dec 02 j 10:58	21°♏40'08	1.42810 AU
	-1900 Dec 07 j 12:20	0°♐	
superior conj	-1900 Dec 09 j 07:00	2°♐59'09	-1°-50'-17
minimum elong	-1900 Dec 09 j 02:28	2°♐40'01	1°50'05
evening rise	-1900 Dec 21 j 03:03	23°♐37'00	
	-1900 Dec 24 j 17:04	0°♑	
asc. node	-1899 Jan 04 j 02:07	16°♑47'07	
evening max el	-1899 Jan 07 j 01:10	20°♑14'07	18°07'51
retrograde	-1899 Jan 13 j 16:02	23°♑40'21	
evening set	-1899 Jan 16 j 08:24	23°♑06'14	
inferior conj	-1899 Jan 22 j 21:45	18°♑00'39	3°56'33
minimum elong	-1899 Jan 22 j 21:25	18°♑01'28	3°56'30
min. Earth dist.	-1899 Jan 25 j 20:56	15°♑04'39	0.61810 AU
morning rise	-1899 Jan 29 j 08:06	12°♑09'36	
direct	-1899 Feb 05 j 07:48	9°♑40'18	
desc. node	-1899 Feb 14 j 01:47	12°♑58'02	
morning max el	-1899 Feb 19 j 08:59	17°♑28'16	27°43'26
	-1899 Mar 01 j 20:18	0°♒	
	-1899 Mar 19 j 23:58	0°♓	
morning set	-1899 Mar 24 j 09:00	8°♓40'07	
max. Earth dist.	-1899 Mar 30 j 07:37	21°♓11'47	1.32670 AU
superior conj	-1899 Mar 31 j 18:28	24°♓20'45	0°-13'-35
minimum elong	-1899 Mar 31 j 19:06	24°♓24'10	0°13'28
behind sun begin	-1899 Mar 31 j 16:24	24°♓09'27	
behind sun end	-1899 Mar 31 j 21:48	24°♓38'52	
asc. node	-1899 Apr 02 j 01:29	27°♓09'38	
	-1899 Apr 03 j 08:46	0°♈	
evening rise	-1899 Apr 07 j 18:42	9°♈29'44	
	-1899 Apr 18 j 10:30	0°♉	
evening max el	-1899 May 03 j 03:38	19°♉45'37	24°33'34
desc. node	-1899 May 13 j 00:55	26°♉10'28	
retrograde	-1899 May 17 j 02:33	26°♉48'30	
evening set	-1899 May 21 j 20:46	25°♉57'26	
min. Earth dist.	-1899 May 27 j 15:27	23°♉00'55	0.56957 AU
inferior conj	-1899 May 30 j 10:33	21°♉12'42	-4°-3'00
minimum elong	-1899 May 30 j 05:26	21°♉21'02	4°02'08
morning rise	-1899 Jun 07 j 18:02	17°♉06'18	
direct	-1899 Jun 10 j 06:55	16°♉48'27	
morning max el	-1899 Jun 19 j 13:55	21°♉07'38	19°24'59
	-1899 Jun 26 j 15:35	0°♊	
asc. node	-1899 Jun 29 j 00:47	3°♊53'53	
morning set	-1899 Jul 06 j 18:44	18°♊30'35	
	-1899 Jul 12 j 12:26	0°♋	
superior conj	-1899 Jul 14 j 23:15	4°♋50'22	1°47'36
minimum elong	-1899 Jul 14 j 22:35	4°♋47'05	1°47'37
max. Earth dist.	-1899 Jul 21 j 02:16	16°♋30'09	1.37817 AU
evening rise	-1899 Jul 24 j 23:12	23°♋30'08	
	-1899 Jul 28 j 17:11	0°♌	
desc. node	-1899 Aug 09 j 00:13	18°♌02'02	
	-1899 Aug 17 j 09:33	0°♍	
evening max el	-1899 Aug 29 j 18:00	14°♍43'17	25°06'57
retrograde	-1899 Sep 10 j 13:24	21°♍34'01	
evening set	-1899 Sep 16 j 07:39	19°♍08'11	
min. Earth dist.	-1899 Sep 20 j 20:17	14°♍01'47	0.67077 AU
inferior conj	-1899 Sep 21 j 18:54	12°♍47'34	-1°-5'-40
minimum elong	-1899 Sep 21 j 20:29	12°♍42'19	1°05'00
asc. node	-1899 Sep 24 j 23:56	8°♍51'39	
morning rise	-1899 Sep 27 j 09:48	6°♍44'28	
direct	-1899 Sep 30 j 20:52	5°♍35'08	
morning max el	-1899 Oct 08 j 07:32	9°♍51'38	19°46'27
greatest brilliancy	-1899 Oct 16 j 07:30	19°♍53'30	-0.6m
	-1899 Oct 23 j 04:38	0°♎	
morning set	-1899 Nov 02 j 15:50	16°♎02'26	
desc. node	-1899 Nov 04 j 23:35	19°♎38'42	
	-1899 Nov 11 j 14:24	0°♏	
max. Earth dist.	-1899 Nov 14 j 22:52	5°♏18'26	1.44169 AU
superior conj	-1899 Nov 19 j 09:55	12°♏27'05	-1°-24'-41
minimum elong	-1899 Nov 19 j 02:16	11°♏56'15	1°23'59
	-1899 Nov 30 j 01:32	0°♐	
evening rise	-1899 Dec 03 j 03:14	5°♐11'07	
	-1899 Dec 18 j 13:39	0°♑	
evening max el	-1899 Dec 21 j 13:46	3°♑31'46	18°18'22
asc. node	-1899 Dec 21 j 23:09	3°♑55'02	
retrograde	-1899 Dec 28 j 02:13	7°♑03'43	
evening set	-1899 Dec 30 j 22:43	6°♑20'22	
inferior conj	-1898 Jan 06 j 02:13	0°♑54'29	3°45'40
minimum elong	-1898 Jan 06 j 00:11	1°♑00'08	3°45'23

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1898 Jan 06 j 21:41	30°℞♐	
min. Earth dist.	-1898 Jan 08 j 10:58	28°♐16'56	0.63645 AU
morning rise	-1898 Jan 12 j 00:05	24°♐53'14	
direct	-1898 Jan 18 j 23:48	22°♐05'51	
desc. node	-1898 Jan 31 j 22:49	29°♐09'58	
morning max el	-1898 Feb 01 j 16:30	29°♐53'07	27°36'31
	-1898 Feb 01 j 19:16	0°♑	
	-1898 Feb 23 j 18:56	0°♒	
morning set	-1898 Mar 08 j 07:00	22°♒50'37	
	-1898 Mar 11 j 19:34	0°♓	
max. Earth dist.	-1898 Mar 13 j 12:28	3°♓33'26	1.33277 AU
superior conj	-1898 Mar 16 j 02:03	9°♓00'21	0°-39'-34
minimum elong	-1898 Mar 16 j 03:53	9°♓10'09	0°39'14
asc. node	-1898 Mar 19 j 22:31	17°♓17'22	
evening rise	-1898 Mar 23 j 06:19	24°♓22'22	
	-1898 Mar 25 j 23:41	0°♈	
	-1898 Apr 14 j 09:09	0°♉	
evening max el	-1898 Apr 14 j 19:19	0°♉24'46	22°59'17
retrograde	-1898 Apr 28 j 03:20	7°♉00'19	
desc. node	-1898 Apr 29 j 21:57	6°♉53'19	
evening set	-1898 May 01 j 12:57	6°♉35'03	
min. Earth dist.	-1898 May 09 j 05:01	3°♉10'50	0.55606 AU
inferior conj	-1898 May 10 j 18:24	2°♉16'41	-2°-52'00
minimum elong	-1898 May 10 j 11:51	2°♉26'12	2°50'09
	-1898 May 14 j 22:43	30°℞♈	
morning rise	-1898 May 19 j 13:37	28°♈21'14	
direct	-1898 May 22 j 05:33	28°♈04'19	
	-1898 May 28 j 23:11	0°♉	
morning max el	-1898 Jun 02 j 03:07	3°♉08'16	20°35'55
asc. node	-1898 Jun 15 j 21:51	23°♉02'53	
	-1898 Jun 19 j 11:21	0°♊	
morning set	-1898 Jun 21 j 00:30	3°♊08'19	
superior conj	-1898 Jun 28 j 16:21	18°♊54'59	1°40'43
minimum elong	-1898 Jun 28 j 14:23	18°♊44'58	1°40'36
max. Earth dist.	-1898 Jul 03 j 09:28	28°♊19'22	1.36042 AU
	-1898 Jul 04 j 06:13	0°♋	
evening rise	-1898 Jul 07 j 13:17	6°♋14'32	
	-1898 Jul 21 j 11:59	0°♌	
desc. node	-1898 Jul 26 j 21:15	8°♌04'35	
evening max el	-1898 Aug 12 j 05:23	28°♌18'00	26°13'41
	-1898 Aug 14 j 01:16	0°♍	
retrograde	-1898 Aug 24 j 20:28	5°♍27'41	
evening set	-1898 Aug 31 j 05:15	2°♍47'59	
	-1898 Sep 02 j 23:55	30°℞♌	
min. Earth dist.	-1898 Sep 04 j 09:45	28°♌19'20	0.66363 AU
inferior conj	-1898 Sep 05 j 20:03	26°♌33'03	-1°-59'-42
minimum elong	-1898 Sep 05 j 22:56	26°♌24'06	1°58'35
morning rise	-1898 Sep 11 j 17:29	20°♌40'38	
asc. node	-1898 Sep 11 j 20:59	20°♌35'38	
direct	-1898 Sep 14 j 19:07	19°♌46'45	
morning max el	-1898 Sep 21 j 15:48	23°♌37'27	18°53'29
	-1898 Sep 26 j 21:01	0°♍	
morning set	-1898 Oct 13 j 06:01	25°♍09'35	
	-1898 Oct 16 j 07:31	0°♎	
desc. node	-1898 Oct 22 j 20:37	10°♎18'57	
max. Earth dist.	-1898 Oct 28 j 16:06	19°♎27'39	1.44867 AU
superior conj	-1898 Oct 29 j 14:45	20°♎56'52	0°-42'-41
minimum elong	-1898 Oct 29 j 09:19	20°♎35'27	0°42'01
	-1898 Nov 04 j 08:10	0°♏	
evening rise	-1898 Nov 14 j 04:36	15°♏46'37	
	-1898 Nov 23 j 00:10	0°♐	
evening max el	-1898 Dec 05 j 01:13	16°♐55'57	18°46'57
asc. node	-1898 Dec 08 j 20:11	19°♐56'19	
retrograde	-1898 Dec 11 j 19:14	20°♐44'03	
evening set	-1898 Dec 14 j 21:06	19°♐50'03	
inferior conj	-1898 Dec 20 j 17:12	14°♐06'18	3°20'08
minimum elong	-1898 Dec 20 j 14:22	14°♐14'58	3°19'29
min. Earth dist.	-1898 Dec 22 j 10:48	11°♐59'44	0.65139 AU
morning rise	-1898 Dec 26 j 06:35	7°♐57'41	
direct	-1897 Jan 01 j 22:26	5°♐07'20	
morning max el	-1897 Jan 15 j 02:09	12°♐45'55	26°56'45
desc. node	-1897 Jan 18 j 19:52	16°♐47'03	
	-1897 Jan 29 j 00:17	0°♑	
	-1897 Feb 16 j 08:48	0°♒	
morning set	-1897 Feb 19 j 19:00	6°♒26'30	
max. Earth dist.	-1897 Feb 24 j 07:38	15°♒22'00	1.34317 AU
superior conj	-1897 Feb 28 j 04:38	23°♒20'02	-1°-4'-44
minimum elong	-1897 Feb 28 j 07:31	23°♒35'02	1°04'17
	-1897 Mar 03 j 08:45	0°♓	
asc. node	-1897 Mar 06 j 19:33	7°♓16'14	
evening rise	-1897 Mar 07 j 16:20	9°♓04'35	
	-1897 Mar 18 j 20:55	0°♈	
evening max el	-1897 Mar 27 j 16:25	11°♈14'28	21°28'00
retrograde	-1897 Apr 08 j 18:19	17°♈05'22	
evening set	-1897 Apr 11 j 06:04	16°♈51'15	
desc. node	-1897 Apr 16 j 18:59	14°♈53'13	
inferior conj	-1897 Apr 20 j 14:12	12°♈50'32	-1°-4'-7
minimum elong	-1897 Apr 20 j 11:11	12°♈54'46	1°03'05
min. Earth dist.	-1897 Apr 20 j 18:18	12°♈44'47	0.55071 AU
morning rise	-1897 Apr 29 j 16:39	8°♈49'53	
direct	-1897 May 02 j 17:08	8°♈29'57	
morning max el	-1897 May 15 j 05:28	14°♈26'33	22°04'34
	-1897 May 26 j 23:59	0°♉	
asc. node	-1897 Jun 02 j 18:55	12°♉36'29	
morning set	-1897 Jun 05 j 10:11	17°♉59'45	
	-1897 Jun 11 j 02:45	0°♊	
superior conj	-1897 Jun 12 j 17:47	3°♊25'50	1°27'51
minimum elong	-1897 Jun 12 j 15:15	3°♊12'31	1°27'35
max. Earth dist.	-1897 Jun 16 j 01:28	10°♊19'23	1.34594 AU
evening rise	-1897 Jun 20 j 19:31	19°♊47'50	
	-1897 Jun 26 j 06:35	0°♋	
desc. node	-1897 Jul 13 j 18:17	27°♋39'32	
	-1897 Jul 15 j 12:13	0°♌	
evening max el	-1897 Jul 25 j 16:59	11°♌45'52	27°01'50
retrograde	-1897 Aug 07 j 22:20	19°♌05'18	
evening set	-1897 Aug 14 j 19:11	16°♌19'04	
min. Earth dist.	-1897 Aug 18 j 16:12	12°♌28'39	0.65282 AU
inferior conj	-1897 Aug 20 j 15:27	10°♌13'12	-2°-51'-4
minimum elong	-1897 Aug 20 j 19:21	10°♌02'00	2°49'47
morning rise	-1897 Aug 26 j 20:53	4°♌34'44	
direct	-1897 Aug 29 j 15:25	3°♌52'53	
asc. node	-1897 Aug 29 j 18:05	3°♌52'57	
morning max el	-1897 Sep 05 j 04:53	7°♌26'55	18°16'50
	-1897 Sep 20 j 13:43	0°♍	
morning set	-1897 Sep 23 j 23:47	5°♍38'08	
superior conj	-1897 Oct 08 j 16:04	29°♍22'17	0°06'56
minimum elong	-1897 Oct 08 j 16:56	29°♍25'46	0°06'48
behind sun begin	-1897 Oct 08 j 06:48	28°♍45'31	
behind sun end	-1897 Oct 09 j 03:05	0°♎05'58	
	-1897 Oct 09 j 01:34	0°♎	
desc. node	-1897 Oct 09 j 17:40	1°♎03'44	
max. Earth dist.	-1897 Oct 11 j 10:45	3°♎45'57	1.44824 AU
evening rise	-1897 Oct 25 j 05:58	25°♎22'37	
	-1897 Oct 28 j 05:07	0°♏	
greatest brilliancy	-1897 Nov 09 j 18:48	19°♏13'55	-0.7m
	-1897 Nov 18 j 00:32	0°♐	
evening max el	-1897 Nov 18 j 09:13	0°♐22'46	19°32'20
retrograde	-1897 Nov 25 j 15:51	4°♐36'01	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1897 Nov 25 j 17:14	4°♐36'00	
evening set	-1897 Nov 29 j 00:48	3°♐29'27	
	-1897 Dec 02 j 16:25	30°℞♏	
inferior conj	-1897 Dec 04 j 15:37	27°♏30'58	2°44'16
minimum elong	-1897 Dec 04 j 12:42	27°♏40'30	2°43'22
min. Earth dist.	-1897 Dec 05 j 19:18	26°♏00'58	0.66254 AU
morning rise	-1897 Dec 09 j 23:52	21°♏17'25	
direct	-1897 Dec 16 j 03:05	18°♏36'07	
morning max el	-1897 Dec 28 j 11:36	25°♏54'21	25°51'33
	-1896 Jan 01 j 06:29	0°♐	
desc. node	-1896 Jan 05 j 16:56	5°♐24'24	
	-1896 Jan 22 j 13:16	0°♑	
morning set	-1896 Feb 02 j 16:43	19°♑15'12	
max. Earth dist.	-1896 Feb 06 j 15:02	26°♑38'26	1.35804 AU
	-1896 Feb 08 j 08:40	0°♒	
superior conj	-1896 Feb 11 j 23:44	7°♒12'23	-1°-27'-35
minimum elong	-1896 Feb 12 j 03:12	7°♒29'56	1°27'10
evening rise	-1896 Feb 19 j 22:48	23°♒30'10	
asc. node	-1896 Feb 21 j 16:37	27°♒01'37	
	-1896 Feb 23 j 04:34	0°♓	
evening max el	-1896 Mar 08 j 23:37	22°♓36'03	20°09'58
retrograde	-1896 Mar 19 j 09:33	27°♓34'24	
evening set	-1896 Mar 21 j 14:15	27°♓22'04	
inferior conj	-1896 Mar 30 j 11:42	23°♓22'57	0°53'11
minimum elong	-1896 Mar 30 j 14:01	23°♓19'28	0°52'24
min. Earth dist.	-1896 Apr 01 j 08:30	22°♓15'59	0.55486 AU
desc. node	-1896 Apr 02 j 16:02	21°♓30'28	
morning rise	-1896 Apr 08 j 11:10	18°♓58'25	
direct	-1896 Apr 12 j 07:07	18°♓26'17	
morning max el	-1896 Apr 25 j 23:32	25°♓11'29	23°43'37
	-1896 Apr 30 j 10:37	0°♈	
	-1896 May 18 j 11:30	0°♉	
morning set	-1896 May 19 j 21:54	2°♉58'49	
asc. node	-1896 May 19 j 16:00	2°♉27'51	
superior conj	-1896 May 27 j 00:44	18°♉14'01	1°10'28
minimum elong	-1896 May 26 j 22:14	18°♉00'35	1°10'06
max. Earth dist.	-1896 May 29 j 02:50	22°♉41'47	1.33525 AU
	-1896 Jun 01 j 14:41	0°♊	
evening rise	-1896 Jun 03 j 13:26	3°♊57'02	
	-1896 Jun 18 j 00:31	0°♋	
desc. node	-1896 Jun 29 j 15:17	16°♋35'15	
evening max el	-1896 Jul 07 j 03:43	24°♋56'16	27°24'20
	-1896 Jul 13 j 13:41	0°♌	
retrograde	-1896 Jul 20 j 18:41	2°♌18'16	
	-1896 Jul 27 j 09:36	30°℞♋	
evening set	-1896 Jul 27 j 22:24	29°♋36'51	
min. Earth dist.	-1896 Jul 31 j 13:43	26°♋21'16	0.63826 AU
inferior conj	-1896 Aug 03 j 02:35	23°♋43'06	-3°-36'-52
minimum elong	-1896 Aug 03 j 06:53	23°♋31'54	3°35'47
morning rise	-1896 Aug 09 j 17:20	18°♋21'44	
direct	-1896 Aug 12 j 07:11	17°♋48'42	
asc. node	-1896 Aug 15 j 15:11	18°♋44'16	
morning max el	-1896 Aug 18 j 20:09	21°♋14'34	17°57'27
	-1896 Aug 25 j 11:54	0°♌	
morning set	-1896 Sep 04 j 19:47	17°♌21'50	
	-1896 Sep 12 j 05:18	0°♍	
superior conj	-1896 Sep 17 j 11:08	8°♍42'38	0°51'26
minimum elong	-1896 Sep 17 j 16:08	9°♍03'08	0°50'49
max. Earth dist.	-1896 Sep 23 j 03:22	17°♍53'48	1.44071 AU
desc. node	-1896 Sep 25 j 14:41	21°♍49'35	
	-1896 Sep 30 j 19:47	0°♎	
evening rise	-1896 Oct 03 j 14:01	4°♎16'28	
	-1896 Oct 20 j 17:23	0°♏	
greatest brilliancy	-1896 Oct 25 j 08:54	6°♏26'59	-0.5m
evening max el	-1896 Oct 31 j 12:01	13°♏49'33	20°32'28
retrograde	-1896 Nov 08 j 13:22	18°♏34'56	
asc. node	-1896 Nov 11 j 14:19	17°♏41'51	
evening set	-1896 Nov 12 j 07:32	17°♏13'31	
inferior conj	-1896 Nov 17 j 18:52	11°♏03'47	2°00'55
minimum elong	-1896 Nov 17 j 16:24	11°♏12'09	2°00'00
min. Earth dist.	-1896 Nov 18 j 10:15	10°♏11'39	0.67011 AU
morning rise	-1896 Nov 23 j 00:46	4°♏47'42	
direct	-1896 Nov 28 j 13:08	2°♏23'40	
morning max el	-1896 Dec 09 j 20:06	9°♏07'45	24°30'18
desc. node	-1896 Dec 22 j 13:59	24°♏43'31	
	-1896 Dec 26 j 07:39	0°♐	
	-1895 Jan 14 j 04:42	0°♑	
morning set	-1895 Jan 14 j 18:20	0°♑59'25	
max. Earth dist.	-1895 Jan 18 j 12:35	7°♑41'33	1.37683 AU
superior conj	-1895 Jan 25 j 07:55	20°♑27'18	-1°-46'-1
minimum elong	-1895 Jan 25 j 11:07	20°♑42'48	1°45'48
	-1895 Jan 30 j 04:36	0°♒	
evening rise	-1895 Feb 02 j 23:20	7°♒31'24	
asc. node	-1895 Feb 07 j 13:38	16°♒27'14	
	-1895 Feb 15 j 18:39	0°♓	
evening max el	-1895 Feb 19 j 17:41	4°♓34'46	19°10'12
retrograde	-1895 Feb 28 j 12:43	8°♓47'24	
evening set	-1895 Mar 02 j 19:28	8°♓31'38	
inferior conj	-1895 Mar 10 j 23:41	4°♓20'09	2°28'35
minimum elong	-1895 Mar 11 j 04:21	4°♓12'10	2°27'19
min. Earth dist.	-1895 Mar 13 j 23:57	2°♓17'39	0.56755 AU
	-1895 Mar 17 j 23:35	30°℞♒	
morning rise	-1895 Mar 19 j 09:14	29°♒24'00	
desc. node	-1895 Mar 20 j 13:06	29°♒00'20	
direct	-1895 Mar 24 j 09:14	28°♒25'40	
	-1895 Mar 30 j 18:32	0°♓	
morning max el	-1895 Apr 07 j 14:21	5°♓43'55	25°20'46
	-1895 Apr 25 j 04:12	0°♈	
morning set	-1895 May 04 j 09:58	17°♈59'20	
asc. node	-1895 May 06 j 13:03	22°♈30'55	
	-1895 May 09 j 23:49	0°♉	
superior conj	-1895 May 11 j 10:58	3°♉11'42	0°49'39
minimum elong	-1895 May 11 j 08:58	3°♉00'49	0°49'19
max. Earth dist.	-1895 May 12 j 11:33	5°♉25'35	1.32828 AU
evening rise	-1895 May 18 j 15:28	18°♉30'49	
	-1895 May 24 j 11:25	0°♊	
	-1895 Jun 12 j 14:01	0°♋	
desc. node	-1895 Jun 16 j 12:18	4°♋35'23	
evening max el	-1895 Jun 19 j 11:32	7°♋37'21	27°15'57
retrograde	-1895 Jul 03 j 08:36	14°♋57'32	
evening set	-1895 Jul 10 j 11:04	12°♋34'54	
min. Earth dist.	-1895 Jul 14 j 01:21	9°♋45'05	0.62030 AU
inferior conj	-1895 Jul 17 j 02:28	6°♋56'15	-4°-12'-45
minimum elong	-1895 Jul 17 j 06:00	6°♋48'03	4°12'11
morning rise	-1895 Jul 24 j 03:35	1°♋54'49	
direct	-1895 Jul 26 j 15:06	1°♋27'57	
morning max el	-1895 Aug 02 j 10:48	4°♋54'13	17°56'25
asc. node	-1895 Aug 02 j 12:17	4°♋57'51	
	-1895 Aug 18 j 11:18	0°♌	
morning set	-1895 Aug 18 j 12:35	0°♌05'47	
superior conj	-1895 Aug 29 j 09:35	19°♌24'32	1°23'20
minimum elong	-1895 Aug 29 j 14:31	19°♌45'47	1°22'53
	-1895 Sep 04 j 16:25	0°♍	
max. Earth dist.	-1895 Sep 05 j 15:51	1°♍36'19	1.42714 AU
desc. node	-1895 Sep 12 j 11:41	12°♍33'52	
evening rise	-1895 Sep 12 j 21:52	13°♍13'49	
	-1895 Sep 23 j 21:38	0°♎	
greatest brilliancy	-1895 Oct 09 j 11:59	21°♎42'56	-0.4m

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1895 Oct 14 j 08:56	27°♎16'49	21°44'11
	-1895 Oct 17 j 08:27	0°♏	
retrograde	-1895 Oct 23 j 09:48	2°♏39'00	
evening set	-1895 Oct 27 j 15:26	1°♏00'24	
	-1895 Oct 28 j 18:41	30°℞♎	
asc. node	-1895 Oct 29 j 11:23	29°♎16'35	
inferior conj	-1895 Nov 02 j 00:51	24°♎42'56	1°12'16
minimum elong	-1895 Nov 01 j 23:15	24°♎48'28	1°11'35
min. Earth dist.	-1895 Nov 02 j 05:11	24°♎27'58	0.67438 AU
morning rise	-1895 Nov 07 j 06:47	18°♎26'58	
direct	-1895 Nov 12 j 03:50	16°♎24'22	
morning max el	-1895 Nov 22 j 05:37	22°♎24'21	23°03'05
greatest brilliancy	-1895 Nov 27 j 03:05	27°♎53'49	-0.3m
	-1895 Nov 28 j 19:50	0°♏	
desc. node	-1895 Dec 09 j 11:02	14°♏32'43	
	-1895 Dec 19 j 16:23	0°♐	
morning set	-1895 Dec 26 j 17:37	11°♐23'26	
max. Earth dist.	-1895 Dec 31 j 07:47	19°♐09'27	1.39778 AU
	-1894 Jan 06 j 10:50	0°♑	
superior conj	-1894 Jan 08 j 00:55	2°♑53'50	-1°-57'-6
minimum elong	-1894 Jan 08 j 02:25	3°♑00'44	1°57'07
evening rise	-1894 Jan 17 j 15:11	21°♑01'44	
	-1894 Jan 22 j 09:18	0°♒	
asc. node	-1894 Jan 25 j 10:39	5°♒26'36	
evening max el	-1894 Feb 02 j 20:38	17°♒05'54	18°30'18
retrograde	-1894 Feb 10 j 10:25	20°♒48'22	
evening set	-1894 Feb 12 j 21:13	20°♒26'22	
inferior conj	-1894 Feb 20 j 08:04	15°♒54'48	3°27'59
minimum elong	-1894 Feb 20 j 11:35	15°♒47'47	3°27'22
min. Earth dist.	-1894 Feb 23 j 18:02	13°♒13'08	0.58595 AU
morning rise	-1894 Feb 27 j 22:17	10°♒31'24	
direct	-1894 Mar 06 j 00:32	8°♒56'17	
desc. node	-1894 Mar 07 j 10:09	9°♒01'16	
morning max el	-1894 Mar 20 j 07:43	16°♒31'47	26°40'51
	-1894 Mar 31 j 08:42	0°♓	
	-1894 Apr 17 j 10:50	0°♈	
morning set	-1894 Apr 18 j 20:40	2°♈55'12	
asc. node	-1894 Apr 23 j 10:03	12°♈40'45	
superior conj	-1894 Apr 25 j 22:36	18°♈12'08	0°26'20
minimum elong	-1894 Apr 25 j 21:27	18°♈05'51	0°26'07
max. Earth dist.	-1894 Apr 26 j 00:13	18°♈21'00	1.32490 AU
	-1894 May 01 j 09:01	0°♉	
evening rise	-1894 May 02 j 22:51	3°♉19'35	
	-1894 May 17 j 08:43	0°♊	
evening max el	-1894 Jun 01 j 13:51	19°♊37'25	26°34'30
desc. node	-1894 Jun 03 j 09:20	21°♊15'58	
retrograde	-1894 Jun 15 j 14:26	26°♊53'59	
evening set	-1894 Jun 22 j 04:38	25°♊03'15	
min. Earth dist.	-1894 Jun 26 j 03:11	22°♊24'25	0.60015 AU
inferior conj	-1894 Jun 29 j 11:28	19°♊42'46	-4°-31'-51
minimum elong	-1894 Jun 29 j 12:35	19°♊40'31	4°31'48
morning rise	-1894 Jul 06 j 23:49	15°♊03'33	
direct	-1894 Jul 09 j 11:08	14°♊40'56	
morning max el	-1894 Jul 16 j 21:51	18°♊17'22	18°14'45
asc. node	-1894 Jul 20 j 09:20	22°♊17'18	
	-1894 Jul 25 j 10:04	0°♋	
morning set	-1894 Aug 01 j 20:34	13°♋34'17	
	-1894 Aug 10 j 15:28	0°♌	
superior conj	-1894 Aug 11 j 09:37	1°♌22'37	1°41'35
minimum elong	-1894 Aug 11 j 12:24	1°♌35'12	1°41'28
max. Earth dist.	-1894 Aug 18 j 23:04	14°♌40'21	1.40925 AU
evening rise	-1894 Aug 23 j 23:03	23°♌00'37	
	-1894 Aug 28 j 07:31	0°♍	
desc. node	-1894 Aug 30 j 08:42	3°♍12'38	

	-1894 Sep 17 j 22:08	0°♎	
greatest brilliancy	-1894 Sep 21 j 16:36	4°♎46'19	-0.2m
evening max el	-1894 Sep 27 j 00:30	10°♎45'00	23°03'00
retrograde	-1894 Oct 07 j 03:41	16°♎45'09	
evening set	-1894 Oct 11 j 22:44	14°♎47'46	
asc. node	-1894 Oct 16 j 08:27	9°♎45'50	
inferior conj	-1894 Oct 17 j 07:43	8°♎26'06	0°20'02
minimum elong	-1894 Oct 17 j 07:14	8°♎27'43	0°19'49
min. Earth dist.	-1894 Oct 17 j 01:39	8°♎46'59	0.67550 AU
morning rise	-1894 Oct 22 j 15:44	2°♎12'59	
direct	-1894 Oct 26 j 22:11	0°♎32'45	
morning max el	-1894 Nov 04 j 19:41	5°♎47'19	21°38'44
greatest brilliancy	-1894 Nov 09 j 19:34	11°♎29'49	-0.4m
	-1894 Nov 23 j 04:00	0°♏	
desc. node	-1894 Nov 26 j 08:04	4°♏43'08	
morning set	-1894 Dec 06 j 11:56	20°♏24'24	
	-1894 Dec 12 j 10:27	0°♐	
max. Earth dist.	-1894 Dec 13 j 08:19	1°♐30'12	1.41798 AU
superior conj	-1894 Dec 20 j 21:20	14°♐18'21	-1°-57'-2
minimum elong	-1894 Dec 20 j 19:20	14°♐09'38	1°57'03
	-1894 Dec 29 j 15:55	0°♑	
evening rise	-1894 Dec 31 j 18:56	3°♑53'32	
asc. node	-1893 Jan 12 j 07:40	23°♑51'22	
evening max el	-1893 Jan 17 j 05:34	0°♒00'57	18°10'25
	-1893 Jan 17 j 05:11	0°♒	
retrograde	-1893 Jan 24 j 01:48	3°♒29'21	
evening set	-1893 Jan 26 j 16:10	2°♒59'52	
	-1893 Jan 31 j 09:20	30°℞♑	
inferior conj	-1893 Feb 02 j 12:24	28°♑06'16	3°53'48
minimum elong	-1893 Feb 02 j 13:26	28°♑03'54	3°53'43
min. Earth dist.	-1893 Feb 05 j 17:53	25°♑08'50	0.60644 AU
morning rise	-1893 Feb 09 j 07:53	22°♑23'19	
direct	-1893 Feb 16 j 02:51	20°♑11'30	
desc. node	-1893 Feb 22 j 07:12	21°♑50'24	
morning max el	-1893 Mar 02 j 07:16	27°♑56'06	27°31'06
	-1893 Mar 04 j 07:29	0°♒	
	-1893 Mar 25 j 00:20	0°♓	
morning set	-1893 Apr 03 j 04:15	17°♓40'12	
	-1893 Apr 08 j 23:17	0°♈	
max. Earth dist.	-1893 Apr 09 j 13:06	1°♈15'18	1.32500 AU
superior conj	-1893 Apr 10 j 10:01	3°♈09'31	0°01'19
minimum elong	-1893 Apr 10 j 09:57	3°♈09'13	0°01'18
behind sun begin	-1893 Apr 10 j 04:56	2°♈41'44	
behind sun end	-1893 Apr 10 j 14:59	3°♈36'42	
asc. node	-1893 Apr 10 j 07:03	2°♈53'16	
evening rise	-1893 Apr 17 j 09:23	18°♈15'34	
	-1893 Apr 23 j 05:03	0°♉	
	-1893 May 13 j 11:36	0°♊	
evening max el	-1893 May 14 j 09:28	0°♊53'44	25°23'41
desc. node	-1893 May 21 j 06:21	6°♊05'21	
retrograde	-1893 May 28 j 10:35	8°♊04'15	
evening set	-1893 Jun 02 j 23:55	6°♊51'59	
min. Earth dist.	-1893 Jun 07 j 21:25	4°♊06'37	0.58001 AU
inferior conj	-1893 Jun 11 j 02:06	1°♊53'05	-4°-24'-11
minimum elong	-1893 Jun 10 j 23:15	1°♊58'06	4°23'54
	-1893 Jun 13 j 21:27	30°℞♉	
morning rise	-1893 Jun 19 j 02:29	27°♉36'10	
direct	-1893 Jun 21 j 14:45	27°♉16'46	
	-1893 Jun 28 j 15:09	0°♊	
morning max el	-1893 Jun 30 j 02:25	1°♊15'43	18°53'23
asc. node	-1893 Jul 07 j 06:22	10°♊28'25	
morning set	-1893 Jul 16 j 15:26	27°♊36'00	
	-1893 Jul 17 j 20:46	0°♋	
superior conj	-1893 Jul 25 j 05:44	14°♋21'47	1°48'09

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1893 Jul 25 j 06:10	14°♋23'48	1°48'10
max. Earth dist.	-1893 Aug 01 j 02:04	27°♋01'19	1.38944 AU
	-1893 Aug 02 j 18:23	0°♌	
evening rise	-1893 Aug 05 j 01:27	3°♌59'16	
desc. node	-1893 Aug 17 j 05:42	23°♌41'39	
	-1893 Aug 21 j 11:07	0°♍	
evening max el	-1893 Sep 09 j 12:33	24°♍15'40	24°23'01
	-1893 Sep 17 j 03:28	0°♎	
retrograde	-1893 Sep 20 j 18:02	0°♎50'26	
	-1893 Sep 24 j 01:55	30°℞♍	
evening set	-1893 Sep 26 j 03:46	28°♍34'10	
min. Earth dist.	-1893 Sep 30 j 21:16	23°♍07'22	0.67346 AU
inferior conj	-1893 Oct 01 j 13:45	22°♍12'00	0°-34'-11
minimum elong	-1893 Oct 01 j 14:35	22°♍09'13	0°33'50
asc. node	-1893 Oct 03 j 05:30	20°♍01'09	
morning rise	-1893 Oct 07 j 01:41	16°♍04'33	
direct	-1893 Oct 10 j 19:10	14°♍44'56	
morning max el	-1893 Oct 18 j 16:54	19°♍20'10	20°23'42
greatest brilliancy	-1893 Oct 25 j 05:46	27°♍11'51	-0.5m
	-1893 Oct 27 j 07:00	0°♎	
desc. node	-1893 Nov 13 j 05:06	25°♎08'40	
morning set	-1893 Nov 15 j 10:46	28°♎35'51	
	-1893 Nov 16 j 08:28	0°♏	
max. Earth dist.	-1893 Nov 25 j 16:29	14°♏44'17	1.43461 AU
superior conj	-1893 Dec 01 j 15:55	24°♏28'51	-1°-41'-37
minimum elong	-1893 Dec 01 j 09:39	24°♏02'59	1°41'12
	-1893 Dec 04 j 23:20	0°♐	
evening rise	-1893 Dec 14 j 06:31	15°♐58'31	
	-1893 Dec 22 j 09:24	0°♑	
asc. node	-1893 Dec 30 j 04:42	11°♑30'46	
evening max el	-1893 Dec 31 j 17:33	13°♑11'41	18°10'02
retrograde	-1892 Jan 07 j 06:29	16°♑39'22	
evening set	-1892 Jan 10 j 00:25	16°♑01'31	
inferior conj	-1892 Jan 16 j 09:12	10°♑46'51	3°54'06
minimum elong	-1892 Jan 16 j 08:03	10°♑49'53	3°54'00
min. Earth dist.	-1892 Jan 19 j 02:27	7°♑56'41	0.62616 AU
morning rise	-1892 Jan 22 j 13:41	4°♑50'45	
direct	-1892 Jan 29 j 14:19	2°♑12'06	
desc. node	-1892 Feb 09 j 04:16	6°♑58'39	
morning max el	-1892 Feb 12 j 12:44	10°♑01'01	27°45'04
	-1892 Feb 28 j 03:55	0°♒	
	-1892 Mar 16 j 05:27	0°♓	
morning set	-1892 Mar 17 j 06:29	2°♓05'36	
max. Earth dist.	-1892 Mar 22 j 22:00	13°♓52'12	1.32873 AU
superior conj	-1892 Mar 24 j 19:29	17°♓56'55	0°-24'-37
minimum elong	-1892 Mar 24 j 20:38	18°♓03'06	0°24'24
asc. node	-1892 Mar 27 j 04:04	23°♓03'38	
	-1892 Mar 30 j 09:12	0°♈	
evening rise	-1892 Mar 31 j 21:04	3°♈10'39	
	-1892 Apr 15 j 13:18	0°♉	
evening max el	-1892 Apr 25 j 00:42	11°♉38'01	23°53'57
desc. node	-1892 May 07 j 03:22	18°♉26'04	
retrograde	-1892 May 08 j 19:08	18°♉32'20	
evening set	-1892 May 12 j 23:03	17°♉53'54	
min. Earth dist.	-1892 May 19 j 11:50	14°♉47'00	0.56299 AU
inferior conj	-1892 May 21 j 20:31	13°♉20'13	-3°-38'-15
minimum elong	-1892 May 21 j 14:15	13°♉29'52	3°36'53
morning rise	-1892 May 30 j 09:16	9°♉20'21	
direct	-1892 Jun 01 j 22:59	9°♉03'19	
morning max el	-1892 Jun 11 j 21:51	13°♉39'38	19°52'46
asc. node	-1892 Jun 23 j 03:25	29°♉18'45	
	-1892 Jun 23 j 12:34	0°♊	
morning set	-1892 Jun 29 j 17:56	12°♊02'07	
superior conj	-1892 Jul 07 j 16:28	28°♊06'05	1°45'31
minimum elong	-1892 Jul 07 j 15:09	27°♊59'32	1°45'30
	-1892 Jul 08 j 15:25	0°♋	
max. Earth dist.	-1892 Jul 13 j 05:28	8°♋52'15	1.37027 AU
evening rise	-1892 Jul 17 j 03:49	16°♋08'14	
	-1892 Jul 25 j 04:40	0°♌	
desc. node	-1892 Aug 03 j 02:43	13°♌55'38	
	-1892 Aug 14 j 22:38	0°♍	
evening max el	-1892 Aug 21 j 23:33	7°♍49'19	25°37'01
retrograde	-1892 Sep 03 j 04:08	14°♍50'09	
evening set	-1892 Sep 09 j 04:44	12°♍17'31	
min. Earth dist.	-1892 Sep 13 j 13:45	7°♍27'01	0.66814 AU
inferior conj	-1892 Sep 14 j 17:16	5°♍58'38	-1°-28'-47
minimum elong	-1892 Sep 14 j 19:26	5°♍51'41	1°27'54
asc. node	-1892 Sep 19 j 02:35	1°♍00'19	
morning rise	-1892 Sep 20 j 10:47	29°♌59'47	
	-1892 Sep 20 j 10:39	30°℞♌	
direct	-1892 Sep 23 j 17:26	28°♌57'41	
	-1892 Sep 27 j 03:58	0°♍	
morning max el	-1892 Sep 30 j 21:31	3°♍02'21	19°22'00
greatest brilliancy	-1892 Oct 10 j 16:02	15°♍47'27	-0.7m
	-1892 Oct 19 j 23:38	0°♎	
morning set	-1892 Oct 24 j 13:05	7°♎05'34	
desc. node	-1892 Oct 30 j 02:08	15°♎44'49	
max. Earth dist.	-1892 Nov 07 j 06:43	28°♎37'02	1.44548 AU
	-1892 Nov 08 j 03:41	0°♏	
superior conj	-1892 Nov 10 j 08:06	3°♏28'07	-1°-8'-33
minimum elong	-1892 Nov 10 j 00:37	2°♏58'18	1°07'44
evening rise	-1892 Nov 24 j 21:30	27°♏08'48	
	-1892 Nov 26 j 14:44	0°♐	
evening max el	-1892 Dec 14 j 05:57	26°♐32'37	18°28'23
asc. node	-1892 Dec 16 j 01:46	28°♐12'18	
	-1892 Dec 19 j 10:45	0°♑	
retrograde	-1892 Dec 20 j 20:03	0°♑10'33	
	-1892 Dec 22 j 05:09	30°℞♐	
evening set	-1892 Dec 23 j 18:32	29°♐23'03	
inferior conj	-1892 Dec 29 j 18:37	23°♐49'23	3°36'21
minimum elong	-1892 Dec 29 j 16:09	23°♐56'34	3°35'54
min. Earth dist.	-1892 Dec 31 j 20:57	21°♐23'34	0.64322 AU
morning rise	-1891 Jan 04 j 12:23	17°♐44'27	
direct	-1891 Jan 11 j 09:30	14°♐53'47	
morning max el	-1891 Jan 24 j 21:36	22°♐39'34	27°23'13
desc. node	-1891 Jan 26 j 01:20	23°♐50'22	
	-1891 Jan 31 j 10:18	0°♑	
	-1891 Feb 20 j 09:04	0°♒	
morning set	-1891 Mar 01 j 00:41	16°♒02'31	
max. Earth dist.	-1891 Mar 05 j 22:56	25°♒59'08	1.33659 AU
	-1891 Mar 07 j 21:05	0°♓	
superior conj	-1891 Mar 09 j 01:12	2°♓28'26	0°-50'-26
minimum elong	-1891 Mar 09 j 03:30	2°♓40'39	0°50'01
asc. node	-1891 Mar 14 j 01:06	13°♓07'43	
evening rise	-1891 Mar 16 j 08:12	17°♓58'53	
	-1891 Mar 22 j 08:13	0°♈	
evening max el	-1891 Apr 06 j 17:51	22°♈17'40	22°19'25
retrograde	-1891 Apr 19 j 15:18	28°♈36'24	
evening set	-1891 Apr 22 j 13:26	28°♈17'36	
desc. node	-1891 Apr 24 j 00:25	27°♈54'57	
min. Earth dist.	-1891 May 01 j 01:26	24°♈37'19	0.55261 AU
inferior conj	-1891 May 01 j 21:52	24°♈08'22	-2°-9'-35
minimum elong	-1891 May 01 j 16:16	24°♈16'18	2°07'49
morning rise	-1891 May 10 j 21:01	20°♈12'42	
direct	-1891 May 13 j 15:17	19°♈55'21	
morning max el	-1891 May 25 j 06:24	25°♈22'00	21°11'45
	-1891 May 29 j 12:28	0°♉	
asc. node	-1891 Jun 10 j 00:28	18°♉38'42	
morning set	-1891 Jun 14 j 01:34	26°♉45'48	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1891 Jun 15 j 15:04	0°♊		
superior conj	-1891 Jun 21 j 13:28	12°♊22'43	1°35'53	
minimum elong	-1891 Jun 21 j 11:11	12°♊10'53	1°35'43	
max. Earth dist.	-1891 Jun 25 j 15:43	20°♊41'46	1.35380 AU	
evening rise	-1891 Jun 30 j 01:21	29°♊15'01		
	-1891 Jun 30 j 10:53	0°♋		
	-1891 Jul 18 j 08:43	0°♌		
desc. node	-1891 Jul 20 j 23:44	3°♌47'23		
evening max el	-1891 Aug 04 j 11:05	21°♌22'12	26°36'57	
retrograde	-1891 Aug 17 j 09:15	28°♌37'39		
evening set	-1891 Aug 23 j 23:26	25°♌54'12		
min. Earth dist.	-1891 Aug 28 j 00:38	21°♌41'40	0.65943 AU	
inferior conj	-1891 Aug 29 j 16:16	19°♌42'27	-2°-21'-59	
minimum elong	-1891 Aug 29 j 19:38	19°♌32'18	2°20'45	
morning rise	-1891 Sep 04 j 16:56	13°♌55'21		
asc. node	-1891 Sep 05 j 23:41	13°♌22'23		
direct	-1891 Sep 07 j 15:10	13°♌07'05		
morning max el	-1891 Sep 14 j 08:05	16°♌50'01	18°35'45	
	-1891 Sep 24 j 02:01	0°♍		
morning set	-1891 Oct 04 j 14:31	16°♍46'06		
	-1891 Oct 12 j 21:18	0°♎		
desc. node	-1891 Oct 16 j 23:09	6°♎27'09		
superior conj	-1891 Oct 20 j 08:38	11°♎48'13	0°-21'-48	
minimum elong	-1891 Oct 20 j 05:44	11°♎36'50	0°21'26	
max. Earth dist.	-1891 Oct 21 j 00:31	12°♎50'43	1.44939 AU	
	-1891 Oct 31 j 21:54	0°♏		
evening rise	-1891 Nov 05 j 12:23	7°♏17'41		
	-1891 Nov 20 j 00:19	0°♐		
evening max el	-1891 Nov 27 j 16:15	9°♐58'22	19°04'21	
asc. node	-1891 Dec 02 j 22:51	13°♐40'29		
retrograde	-1891 Dec 04 j 14:50	13°♐55'58		
evening set	-1891 Dec 07 j 19:27	12°♐56'57		
inferior conj	-1891 Dec 13 j 13:07	7°♐06'51	3°05'58	
minimum elong	-1891 Dec 13 j 10:09	7°♐16'08	3°05'11	
min. Earth dist.	-1891 Dec 15 j 00:42	5°♐15'13	0.65667 AU	
morning rise	-1891 Dec 18 j 23:56	0°♐55'55		
	-1891 Dec 20 j 03:52	30°℞♏		
direct	-1891 Dec 25 j 10:59	28°♏07'48		
	-1891 Dec 31 j 08:34	0°♐		
morning max el	-1890 Jan 07 j 07:07	5°♐39'22	26°31'25	
desc. node	-1890 Jan 12 j 22:25	11°♐55'19		
	-1890 Jan 26 j 01:41	0°♑		
morning set	-1890 Feb 12 j 07:10	29°♑19'32		
	-1890 Feb 12 j 15:43	0°♒		
max. Earth dist.	-1890 Feb 16 j 12:47	7°♒30'46	1.34894 AU	
superior conj	-1890 Feb 21 j 00:56	16°♒37'15	-1°-14'-51	
minimum elong	-1890 Feb 21 j 04:09	16°♒53'46	1°14'23	
	-1890 Feb 27 j 11:10	0°♓		
evening rise	-1890 Feb 28 j 16:56	2°♓34'13		
asc. node	-1890 Feb 28 j 22:10	3°♓01'12		
	-1890 Mar 16 j 17:09	0°♈		
evening max el	-1890 Mar 19 j 19:04	3°♈19'32	20°52'51	
retrograde	-1890 Mar 31 j 04:22	8°♈47'27		
evening set	-1890 Apr 02 j 11:33	8°♈34'57		
desc. node	-1890 Apr 10 j 21:28	5°♈04'34		
inferior conj	-1890 Apr 11 j 16:31	4°♈37'30	0°-13'-27	
minimum elong	-1890 Apr 11 j 15:53	4°♈38'24	0°13'13	
transit middle	-1890 Apr 11 j 15:53	4°♈38'24	0°13'13	
transit begin	-1890 Apr 11 j 13:38	4°♈41'36		
transit end	-1890 Apr 11 j 18:08	4°♈35'11		
min. Earth dist.	-1890 Apr 12 j 15:07	4°♈05'18	0.55129 AU	
morning rise	-1890 Apr 20 j 19:07	0°♈28'28		
direct	-1890 Apr 24 j 02:45	0°♈04'34		
morning max el	-1890 May 07 j 04:34	6°♈23'33	22°46'04	
	-1890 May 23 j 15:50	0°♉		
asc. node	-1890 May 27 j 21:32	8°♉20'38		
morning set	-1890 May 29 j 12:21	11°♉41'18		
superior conj	-1890 Jun 05 j 17:33	27°♉01'58	1°20'57	
minimum elong	-1890 Jun 05 j 14:58	26°♉48'14	1°20'39	
	-1890 Jun 07 j 03:13	0°♊		
max. Earth dist.	-1890 Jun 08 j 12:01	2°♊51'45	1.34092 AU	
evening rise	-1890 Jun 13 j 13:05	13°♊05'36		
	-1890 Jun 22 j 16:53	0°♋		
desc. node	-1890 Jul 07 j 20:44	23°♋07'37		
	-1890 Jul 13 j 10:25	0°♌		
evening max el	-1890 Jul 17 j 22:49	4°♌45'34	27°15'01	
retrograde	-1890 Jul 31 j 08:46	12°♌06'08		
evening set	-1890 Aug 07 j 09:14	9°♌20'46		
min. Earth dist.	-1890 Aug 11 j 03:39	5°♌45'35	0.64710 AU	
inferior conj	-1890 Aug 13 j 08:32	3°♌19'44	-3°-11'-22	
minimum elong	-1890 Aug 13 j 12:43	3°♌08'12	3°10'08	
	-1890 Aug 16 j 14:10	30°℞♋		
morning rise	-1890 Aug 19 j 17:46	27°♋47'50		
direct	-1890 Aug 22 j 10:04	27°♋09'59		
asc. node	-1890 Aug 23 j 20:45	27°♋21'02		
	-1890 Aug 28 j 05:59	0°♌		
morning max el	-1890 Aug 28 j 22:23	0°♌39'29	18°06'20	
morning set	-1890 Sep 15 j 20:07	27°♌49'10		
	-1890 Sep 17 j 03:19	0°♍		
superior conj	-1890 Sep 29 j 15:23	20°♍31'10	0°27'02	
minimum elong	-1890 Sep 29 j 18:33	20°♍43'52	0°26'37	
desc. node	-1890 Oct 03 j 20:11	27°♍12'47		
max. Earth dist.	-1890 Oct 03 j 18:58	27°♍08'01	1.44598 AU	
	-1890 Oct 05 j 14:30	0°♎		
evening rise	-1890 Oct 16 j 04:58	16°♎32'20		
	-1890 Oct 24 j 23:09	0°♏		
greatest brilliancy	-1890 Nov 03 j 14:27	14°♏15'28	-0.6m	
evening max el	-1890 Nov 10 j 22:18	23°♏25'44	19°56'15	
retrograde	-1890 Nov 18 j 12:00	27°♏51'20		
asc. node	-1890 Nov 19 j 19:55	27°♏41'09		
evening set	-1890 Nov 22 j 00:42	26°♏38'36		
inferior conj	-1890 Nov 27 j 13:51	20°♏35'00	2°26'36	
minimum elong	-1890 Nov 27 j 11:04	20°♏44'15	2°25'39	
min. Earth dist.	-1890 Nov 28 j 12:05	19°♏21'17	0.66631 AU	
morning rise	-1890 Dec 02 j 20:49	14°♏20'20		
direct	-1890 Dec 08 j 17:58	11°♏45'40		
morning max el	-1890 Dec 20 j 15:57	18°♏50'01	25°18'13	
	-1890 Dec 30 j 03:43	0°♐		
desc. node	-1890 Dec 30 j 19:29	0°♐52'00		
	-1889 Jan 19 j 03:25	0°♑		
morning set	-1889 Jan 25 j 21:01	11°♑42'17		
max. Earth dist.	-1889 Jan 29 j 15:27	18°♑37'58	1.36569 AU	
superior conj	-1889 Feb 04 j 15:50	0°♒14'52	-1°-36'-7	
minimum elong	-1889 Feb 04 j 19:21	0°♒32'14	1°35'46	
	-1889 Feb 04 j 12:50	0°♒		
evening rise	-1889 Feb 12 j 21:10	16°♒50'15		
asc. node	-1889 Feb 15 j 19:13	22°♒38'53		
	-1889 Feb 19 j 16:54	0°♓		
evening max el	-1889 Mar 02 j 06:58	14°♓56'37	19°42'06	
retrograde	-1889 Mar 11 j 23:15	19°♓33'50		
evening set	-1889 Mar 14 j 04:26	19°♓20'23		
inferior conj	-1889 Mar 22 j 18:50	15°♓17'06	1°37'46	
minimum elong	-1889 Mar 22 j 22:39	15°♓11'05	1°36'32	
min. Earth dist.	-1889 Mar 25 j 05:21	13°♓45'29	0.55935 AU	
desc. node	-1889 Mar 28 j 18:33	11°♓47'01		
morning rise	-1889 Mar 31 j 13:33	10°♓39'45		
direct	-1889 Apr 04 j 21:03	9°♓58'15		
morning max el	-1889 Apr 18 j 20:18	16°♓58'52	24°26'15	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1889 Apr 29 j 09:27	0°♈	
morning set	-1889 May 14 j 00:25	26°♈41'38	
asc. node	-1889 May 14 j 18:34	28°♈17'24	
	-1889 May 15 j 13:52	0°♉	
superior conj	-1889 May 21 j 02:06	11°♉54'38	1°02'00
minimum elong	-1889 May 20 j 23:46	11°♉42'00	1°01'38
max. Earth dist.	-1889 May 22 j 17:04	15°♉24'54	1.33182 AU
evening rise	-1889 May 28 j 10:48	27°♉26'13	
	-1889 May 29 j 17:24	0°♊	
	-1889 Jun 15 j 23:53	0°♋	
desc. node	-1889 Jun 24 j 17:45	11°♋42'01	
evening max el	-1889 Jun 30 j 08:39	17°♋45'03	27°24'47
retrograde	-1889 Jul 14 j 02:10	25°♋05'52	
evening set	-1889 Jul 21 j 06:43	22°♋30'41	
min. Earth dist.	-1889 Jul 24 j 20:51	19°♋27'42	0.63104 AU
inferior conj	-1889 Jul 27 j 15:15	16°♋43'21	-3°-53'-37
minimum elong	-1889 Jul 27 j 19:24	16°♋33'03	3°52'44
morning rise	-1889 Aug 03 j 10:17	11°♋30'07	
direct	-1889 Aug 05 j 23:01	10°♋59'51	
asc. node	-1889 Aug 10 j 17:49	12°♋49'01	
morning max el	-1889 Aug 12 j 13:42	14°♋24'25	17°54'45
	-1889 Aug 23 j 08:19	0°♌	
morning set	-1889 Aug 29 j 01:42	10°♌00'45	
superior conj	-1889 Sep 09 j 21:46	0°♍25'26	1°06'41
minimum elong	-1889 Sep 10 j 03:10	0°♍47'59	1°06'05
	-1889 Sep 09 j 15:42	0°♍	
max. Earth dist.	-1889 Sep 16 j 10:38	11°♍09'12	1.43566 AU
desc. node	-1889 Sep 20 j 17:11	17°♍58'25	
evening rise	-1889 Sep 25 j 10:34	25°♍21'52	
	-1889 Sep 28 j 10:48	0°♎	
	-1889 Oct 19 j 02:48	0°♏	
greatest brilliancy	-1889 Oct 19 j 11:11	0°♏27'06	-0.5m
evening max el	-1889 Oct 24 j 22:36	6°♏52'53	21°01'42
retrograde	-1889 Nov 02 j 09:18	11°♏53'23	
evening set	-1889 Nov 06 j 08:11	10°♏24'40	
asc. node	-1889 Nov 06 j 16:58	10°♏07'22	
inferior conj	-1889 Nov 11 j 18:30	4°♏11'01	1°40'48
minimum elong	-1889 Nov 11 j 16:22	4°♏18'21	1°39'57
min. Earth dist.	-1889 Nov 12 j 04:57	3°♏35'11	0.67236 AU
	-1889 Nov 14 j 23:28	30°℞♎	
morning rise	-1889 Nov 17 j 00:10	27°♎54'49	
direct	-1889 Nov 22 j 05:54	25°♎39'55	
	-1889 Nov 30 j 19:46	0°♏	
morning max el	-1889 Dec 03 j 00:42	2°♏05'38	23°53'23
desc. node	-1889 Dec 17 j 16:32	20°♏25'25	
	-1889 Dec 24 j 05:50	0°♐	
morning set	-1888 Jan 07 j 12:12	22°♐54'37	
max. Earth dist.	-1888 Jan 11 j 11:33	29°♐50'00	1.38566 AU
	-1888 Jan 11 j 13:48	0°♑	
superior conj	-1888 Jan 18 j 18:11	13°♑11'06	-1°-51'-49
minimum elong	-1888 Jan 18 j 20:53	13°♑23'52	1°51'43
	-1888 Jan 27 j 10:15	0°♒	
evening rise	-1888 Jan 27 j 18:26	0°♒40'02	
asc. node	-1888 Feb 02 j 16:15	11°♒54'48	
evening max el	-1888 Feb 13 j 05:03	27°♒09'59	18°50'41
	-1888 Feb 17 j 00:32	0°♓	
retrograde	-1888 Feb 21 j 10:24	1°♓08'16	
evening set	-1888 Feb 23 j 18:45	0°♓50'08	
	-1888 Feb 26 j 02:07	30°℞♒	
inferior conj	-1888 Mar 02 j 15:19	26°♒30'20	2°58'19
minimum elong	-1888 Mar 02 j 19:48	26°♒22'07	2°57'16
min. Earth dist.	-1888 Mar 05 j 21:36	24°♒08'42	0.57485 AU
morning rise	-1888 Mar 10 j 16:52	21°♒21'27	
desc. node	-1888 Mar 14 j 15:36	20°♒14'23	
direct	-1888 Mar 16 j 04:32	20°♒08'35	
morning max el	-1888 Mar 30 j 11:49	27°♒35'39	25°57'55
	-1888 Apr 01 j 20:05	0°♓	
	-1888 Apr 21 j 16:29	0°♈	
morning set	-1888 Apr 27 j 12:06	11°♈41'06	
asc. node	-1888 Apr 30 j 15:36	18°♈24'03	
superior conj	-1888 May 04 j 13:07	26°♈54'09	0°40'02
minimum elong	-1888 May 04 j 11:27	26°♈45'00	0°39'43
max. Earth dist.	-1888 May 05 j 03:56	28°♈15'08	1.32639 AU
	-1888 May 05 j 23:09	0°♉	
evening rise	-1888 May 11 j 15:23	12°♉07'02	
	-1888 May 20 j 21:48	0°♊	
desc. node	-1888 Jun 10 j 14:46	29°♊11'20	
	-1888 Jun 11 j 10:37	0°♋	
evening max el	-1888 Jun 11 j 14:07	0°♋08'24	27°02'11
retrograde	-1888 Jun 25 j 12:49	7°♋27'39	
evening set	-1888 Jul 02 j 11:45	5°♋16'47	
min. Earth dist.	-1888 Jul 06 j 03:52	2°♋34'05	0.61189 AU
inferior conj	-1888 Jul 09 j 09:10	29°♊45'33	-4°-23'-27
minimum elong	-1888 Jul 09 j 11:54	29°♊39'33	4°23'08
	-1888 Jul 09 j 02:36	30°℞♊	
morning rise	-1888 Jul 16 j 15:00	24°♊53'46	
direct	-1888 Jul 19 j 02:14	24°♊28'55	
morning max el	-1888 Jul 26 j 03:12	27°♊57'57	18°01'52
asc. node	-1888 Jul 27 j 14:51	29°♊32'07	
	-1888 Jul 28 j 00:26	0°♋	
morning set	-1888 Aug 11 j 01:28	23°♋04'38	
	-1888 Aug 14 j 19:42	0°♌	
superior conj	-1888 Aug 21 j 07:39	11°♌41'22	1°32'40
minimum elong	-1888 Aug 21 j 11:48	11°♌59'34	1°32'21
max. Earth dist.	-1888 Aug 28 j 20:43	24°♌35'54	1.41987 AU
	-1888 Sep 01 j 03:36	0°♍	
evening rise	-1888 Sep 03 j 23:56	4°♍34'51	
desc. node	-1888 Sep 06 j 14:10	8°♍40'40	
	-1888 Sep 20 j 19:21	0°♎	
greatest brilliancy	-1888 Oct 01 j 23:12	14°♎59'29	-0.3m
evening max el	-1888 Oct 06 j 16:54	20°♎19'48	22°17'07
retrograde	-1888 Oct 16 j 04:57	25°♎58'53	
evening set	-1888 Oct 20 j 16:02	24°♎12'21	
asc. node	-1888 Oct 23 j 14:00	21°♎09'46	
inferior conj	-1888 Oct 26 j 01:04	17°♎52'22	0°50'27
minimum elong	-1888 Oct 25 j 23:55	17°♎56'20	0°49'57
min. Earth dist.	-1888 Oct 26 j 00:53	17°♎53'00	0.67518 AU
morning rise	-1888 Oct 31 j 07:39	11°♎37'09	
direct	-1888 Nov 04 j 22:12	9°♎44'19	
morning max el	-1888 Nov 14 j 11:53	15°♎25'14	22°26'25
greatest brilliancy	-1888 Nov 19 j 03:53	20°♎40'02	-0.3m
	-1888 Nov 26 j 07:00	0°♏	
desc. node	-1888 Dec 03 j 13:33	10°♏24'32	
	-1888 Dec 16 j 06:46	0°♐	
morning set	-1888 Dec 17 j 23:03	2°♐42'44	
max. Earth dist.	-1888 Dec 23 j 08:11	11°♐38'05	1.40661 AU
superior conj	-1888 Dec 31 j 03:05	25°♐12'47	-1°-58'-41
minimum elong	-1888 Dec 31 j 03:18	25°♐13'48	1°58'45
	-1887 Jan 02 j 18:25	0°♑	
evening rise	-1887 Jan 10 j 05:36	13°♑55'08	
	-1887 Jan 19 j 03:16	0°♒	
asc. node	-1887 Jan 19 j 13:16	0°♒40'53	
evening max el	-1887 Jan 26 j 10:54	9°♒52'23	18°19'24
retrograde	-1887 Feb 02 j 16:02	13°♒27'11	
evening set	-1887 Feb 05 j 04:15	13°♒02'16	
inferior conj	-1887 Feb 12 j 08:32	8°♒21'37	3°42'32
minimum elong	-1887 Feb 12 j 11:02	8°♒16'18	3°42'14
min. Earth dist.	-1887 Feb 15 j 18:03	5°♒29'53	0.59459 AU

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morning rise	-1887 Feb 19 j 14:24	2°♒48'36	
direct	-1887 Feb 26 j 01:04	0°♒56'58	
desc. node	-1887 Mar 01 j 12:40	1°♒28'16	
morning max el	-1887 Mar 12 j 07:47	8°♒38'02	27°06'21
	-1887 Mar 28 j 14:02	0°♓	
morning set	-1887 Apr 11 j 21:41	26°♓33'04	
	-1887 Apr 13 j 13:03	0°♈	
asc. node	-1887 Apr 17 j 12:38	8°♈35'39	
max. Earth dist.	-1887 Apr 18 j 16:56	11°♈10'36	1.32446 AU
superior conj	-1887 Apr 19 j 00:52	11°♈54'00	0°15'53
minimum elong	-1887 Apr 19 j 00:09	11°♈50'07	0°15'44
behind sun begin	-1887 Apr 18 j 23:46	11°♈48'00	
behind sun end	-1887 Apr 19 j 00:32	11°♈52'14	
evening rise	-1887 Apr 26 j 00:19	26°♈59'24	
	-1887 Apr 27 j 11:03	0°♉	
	-1887 May 14 j 15:23	0°♊	
evening max el	-1887 May 24 j 13:25	11°♊48'53	26°07'31
desc. node	-1887 May 28 j 11:47	15°♊08'50	
retrograde	-1887 Jun 07 j 15:12	19°♊04'23	
evening set	-1887 Jun 13 j 20:05	17°♊29'46	
min. Earth dist.	-1887 Jun 18 j 02:16	14°♊50'05	0.59132 AU
inferior conj	-1887 Jun 21 j 10:42	12°♊17'37	-4°-32'-38
minimum elong	-1887 Jun 21 j 10:16	12°♊18'29	4°32'36
morning rise	-1887 Jun 29 j 04:07	7°♊48'15	
direct	-1887 Jul 01 j 15:32	7°♊27'16	
morning max el	-1887 Jul 09 j 11:53	11°♊11'58	18°28'43
asc. node	-1887 Jul 14 j 11:54	17°♊15'15	
	-1887 Jul 22 j 00:30	0°♋	
morning set	-1887 Jul 25 j 14:32	6°♋48'21	
superior conj	-1887 Aug 03 j 16:57	24°♋07'34	1°45'39
minimum elong	-1887 Aug 03 j 18:41	24°♋15'36	1°45'37
	-1887 Aug 06 j 22:00	0°♌	
max. Earth dist.	-1887 Aug 11 j 01:12	7°♌19'02	1.40081 AU
evening rise	-1887 Aug 15 j 11:33	14°♌51'30	
desc. node	-1887 Aug 24 j 11:10	29°♌16'03	
	-1887 Aug 24 j 22:35	0°♍	
	-1887 Sep 15 j 17:37	0°♎	
evening max el	-1887 Sep 19 j 06:41	3°♎49'15	23°37'23
retrograde	-1887 Sep 29 j 21:33	10°♎05'27	
evening set	-1887 Oct 04 j 22:36	8°♎00'08	
inferior conj	-1887 Oct 10 j 07:49	1°♎37'43	0°-2'-46
minimum elong	-1887 Oct 10 j 07:53	1°♎37'30	0°02'45
transit middle	-1887 Oct 10 j 07:53	1°♎37'30	0°02'45
transit begin	-1887 Oct 10 j 05:12	1°♎46'38	
transit end	-1887 Oct 10 j 10:33	1°♎28'22	
min. Earth dist.	-1887 Oct 09 j 21:25	2°♎13'15	0.67495 AU
asc. node	-1887 Oct 10 j 11:03	1°♎26'41	
	-1887 Oct 11 j 12:43	30°℞♍	
morning rise	-1887 Oct 15 j 17:15	25°♍26'22	
direct	-1887 Oct 19 j 17:56	23°♍55'07	
morning max el	-1887 Oct 28 j 04:44	28°♍52'26	21°05'22
	-1887 Oct 29 j 06:28	0°♎	
greatest brilliancy	-1887 Nov 02 j 17:36	5°♎19'22	-0.5m
	-1887 Nov 19 j 23:24	0°♏	
desc. node	-1887 Nov 20 j 10:35	0°♏42'25	
morning set	-1887 Nov 27 j 06:58	11°♏16'21	
max. Earth dist.	-1887 Dec 05 j 11:25	24°♏20'55	1.42567 AU
	-1887 Dec 08 j 21:43	0°♐	
superior conj	-1887 Dec 12 j 13:06	6°♐07'37	-1°-52'-36
minimum elong	-1887 Dec 12 j 09:14	5°♐51'10	1°52'28
evening rise	-1887 Dec 24 j 03:02	26°♐28'13	
	-1887 Dec 26 j 02:12	0°♑	
asc. node	-1886 Jan 06 j 10:18	18°♑48'08	
evening max el	-1886 Jan 09 j 21:34	22°♑55'41	18°07'54
retrograde	-1886 Jan 16 j 13:26	26°♑21'54	
evening set	-1886 Jan 19 j 05:19	25°♑48'58	
inferior conj	-1886 Jan 25 j 20:21	20°♑46'29	3°56'29
minimum elong	-1886 Jan 25 j 20:22	20°♑46'27	3°56'27
min. Earth dist.	-1886 Jan 28 j 21:24	17°♑49'24	0.61517 AU
morning rise	-1886 Feb 01 j 08:58	14°♑57'27	
direct	-1886 Feb 08 j 07:51	12°♑32'12	
desc. node	-1886 Feb 16 j 09:44	15°♑21'03	
morning max el	-1886 Feb 22 j 09:50	20°♑19'16	27°41'24
	-1886 Mar 02 j 18:18	0°♒	
	-1886 Mar 21 j 10:59	0°♓	
morning set	-1886 Mar 27 j 03:16	11°♓10'34	
max. Earth dist.	-1886 Apr 02 j 04:27	23°♓58'19	1.32612 AU
superior conj	-1886 Apr 03 j 11:41	26°♓48'04	0°-9'-39
minimum elong	-1886 Apr 03 j 12:07	26°♓50'30	0°09'34
behind sun begin	-1886 Apr 03 j 08:02	26°♓28'15	
behind sun end	-1886 Apr 03 j 16:12	27°♓12'45	
asc. node	-1886 Apr 04 j 09:39	28°♓47'55	
	-1886 Apr 04 j 22:52	0°♈	
evening rise	-1886 Apr 10 j 11:35	11°♈55'57	
	-1886 Apr 19 j 17:33	0°♉	
evening max el	-1886 May 06 j 06:50	22°♉49'47	24°47'06
desc. node	-1886 May 15 j 08:49	28°♉59'26	
retrograde	-1886 May 20 j 06:36	29°♉54'51	
evening set	-1886 May 25 j 05:57	28°♉58'40	
min. Earth dist.	-1886 May 30 j 18:42	26°♉05'28	0.57211 AU
inferior conj	-1886 Jun 02 j 16:48	24°♉10'15	-4°-9'-58
minimum elong	-1886 Jun 02 j 12:12	24°♉17'52	4°09'18
morning rise	-1886 Jun 10 j 22:24	20°♉01'15	
direct	-1886 Jun 13 j 11:09	19°♉43'00	
morning max el	-1886 Jun 22 j 12:48	23°♉56'32	19°16'08
	-1886 Jun 27 j 16:12	0°♊	
asc. node	-1886 Jul 01 j 08:57	5°♊44'30	
morning set	-1886 Jul 09 j 13:01	21°♊01'30	
	-1886 Jul 14 j 01:01	0°♋	
superior conj	-1886 Jul 17 j 19:51	7°♋27'21	1°48'01
minimum elong	-1886 Jul 17 j 19:27	7°♋25'22	1°48'02
max. Earth dist.	-1886 Jul 24 j 03:42	19°♋24'45	1.38105 AU
evening rise	-1886 Jul 28 j 00:39	26°♋21'27	
	-1886 Jul 30 j 03:00	0°♌	
desc. node	-1886 Aug 11 j 08:10	19°♌39'27	
	-1886 Aug 18 j 11:43	0°♍	
evening max el	-1886 Sep 01 j 18:14	17°♍22'06	24°55'50
retrograde	-1886 Sep 13 j 10:05	24°♍08'43	
evening set	-1886 Sep 19 j 02:08	21°♍45'19	
min. Earth dist.	-1886 Sep 23 j 16:02	16°♍33'35	0.67160 AU
inferior conj	-1886 Sep 24 j 13:01	15°♍24'17	0°-57'-21
minimum elong	-1886 Sep 24 j 14:24	15°♍19'40	0°56'46
asc. node	-1886 Sep 27 j 08:07	11°♍54'08	
morning rise	-1886 Sep 30 j 03:06	9°♍19'59	
direct	-1886 Oct 03 j 15:48	8°♍08'01	
morning max el	-1886 Oct 11 j 05:03	12°♍28'55	19°55'40
greatest brilliancy	-1886 Oct 18 j 18:20	21°♍50'37	-0.6m
	-1886 Oct 24 j 09:46	0°♎	
morning set	-1886 Nov 06 j 04:10	19°♎26'42	
desc. node	-1886 Nov 07 j 07:37	21°♎13'03	
	-1886 Nov 12 j 22:42	0°♏	
max. Earth dist.	-1886 Nov 17 j 22:39	7°♏54'28	1.44008 AU
superior conj	-1886 Nov 22 j 20:06	15°♏46'47	-1°-29'-44
minimum elong	-1886 Nov 22 j 12:40	15°♏16'37	1°29'05
	-1886 Dec 01 j 10:35	0°♐	
evening rise	-1886 Dec 06 j 06:22	8°♐11'03	
	-1886 Dec 19 j 11:49	0°♑	
asc. node	-1886 Dec 24 j 07:20	6°♑05'09	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1886 Dec 24 j 10:08	6°♑12'17	18°15'36
retrograde	-1886 Dec 30 j 22:24	9°♑42'43	
evening set	-1885 Jan 02 j 18:14	9°♑00'47	
inferior conj	-1885 Jan 08 j 23:00	3°♑37'39	3°48'24
minimum elong	-1885 Jan 08 j 21:11	3°♑42'40	3°48'09
min. Earth dist.	-1885 Jan 11 j 09:58	0°♑56'27	0.63389 AU
	-1885 Jan 12 j 07:44	30°℞♐	
morning rise	-1885 Jan 14 j 22:28	27°♐37'40	
direct	-1885 Jan 21 j 22:41	24°♐52'12	
	-1885 Feb 01 j 19:36	0°♑	
desc. node	-1885 Feb 03 j 06:50	1°♑18'05	
morning max el	-1885 Feb 04 j 16:58	2°♑39'52	27°39'52
	-1885 Feb 25 j 01:57	0°♒	
morning set	-1885 Mar 11 j 02:31	25°♒25'47	
	-1885 Mar 13 j 08:41	0°♓	
max. Earth dist.	-1885 Mar 16 j 10:37	6°♓25'19	1.33161 AU
superior conj	-1885 Mar 18 j 19:52	11°♓30'27	0°-35'-38
minimum elong	-1885 Mar 18 j 21:31	11°♓39'19	0°35'19
asc. node	-1885 Mar 22 j 06:43	18°♓56'52	
evening rise	-1885 Mar 25 j 23:20	26°♓50'04	
	-1885 Mar 27 j 11:46	0°♈	
	-1885 Apr 14 j 15:19	0°♉	
evening max el	-1885 Apr 17 j 22:13	3°♉29'38	23°13'26
retrograde	-1885 May 01 j 09:17	10°♉10'36	
desc. node	-1885 May 02 j 05:52	10°♉08'57	
evening set	-1885 May 04 j 23:30	9°♉42'21	
min. Earth dist.	-1885 May 12 j 08:20	6°♉23'07	0.55764 AU
inferior conj	-1885 May 14 j 03:15	5°♉20'13	-3°-5'-34
minimum elong	-1885 May 13 j 20:36	5°♉30'00	3°03'47
morning rise	-1885 May 22 j 20:53	1°♉24'12	
direct	-1885 May 25 j 12:11	1°♉07'19	
morning max el	-1885 Jun 05 j 03:40	6°♉03'31	20°24'07
asc. node	-1885 Jun 18 j 06:03	24°♉49'06	
	-1885 Jun 20 j 22:55	0°♊	
morning set	-1885 Jun 23 j 18:02	5°♊36'35	
superior conj	-1885 Jul 01 j 11:27	21°♊27'07	1°42'10
minimum elong	-1885 Jul 01 j 09:38	21°♊17'55	1°42'06
	-1885 Jul 05 j 18:37	0°♋	
max. Earth dist.	-1885 Jul 06 j 09:52	1°♋13'58	1.36289 AU
evening rise	-1885 Jul 10 j 11:51	8°♋56'57	
	-1885 Jul 22 j 19:01	0°♌	
desc. node	-1885 Jul 29 j 05:10	9°♌45'03	
	-1885 Aug 14 j 06:46	0°♍	
evening max el	-1885 Aug 15 j 05:27	0°♍56'23	26°04'41
retrograde	-1885 Aug 27 j 17:53	8°♍04'01	
evening set	-1885 Sep 03 j 00:41	5°♍25'51	
min. Earth dist.	-1885 Sep 07 j 06:19	0°♍51'36	0.66493 AU
	-1885 Sep 07 j 22:51	30°℞♌	
inferior conj	-1885 Sep 08 j 14:50	29°♌09'51	-1°-51'-38
minimum elong	-1885 Sep 08 j 17:33	29°♌01'22	1°50'35
morning rise	-1885 Sep 14 j 11:13	23°♌15'45	
asc. node	-1885 Sep 14 j 05:13	23°♌25'00	
direct	-1885 Sep 17 j 14:05	22°♌19'52	
morning max el	-1885 Sep 24 j 12:27	26°♌13'47	19°00'22
	-1885 Sep 27 j 18:53	0°♍	
morning set	-1885 Oct 16 j 14:44	28°♍22'41	
	-1885 Oct 17 j 15:28	0°♎	
desc. node	-1885 Oct 25 j 04:38	11°♎52'08	
max. Earth dist.	-1885 Oct 31 j 15:17	22°♎00'16	1.44805 AU
superior conj	-1885 Nov 02 j 03:19	24°♎22'21	0°-49'-48
minimum elong	-1885 Nov 01 j 21:09	23°♎58'00	0°49'05
	-1885 Nov 05 j 16:39	0°♏	
evening rise	-1885 Nov 17 j 11:20	18°♏55'42	
	-1885 Nov 24 j 06:37	0°♐	

evening max el	-1885 Dec 07 j 21:54	19°♐35'41	18°41'35
asc. node	-1885 Dec 11 j 04:25	22°♐17'37	
retrograde	-1885 Dec 14 j 14:42	23°♐21'01	
evening set	-1885 Dec 17 j 15:37	22°♐28'45	
inferior conj	-1885 Dec 23 j 12:40	16°♐47'27	3°24'48
minimum elong	-1885 Dec 23 j 09:54	16°♐55'48	3°24'11
min. Earth dist.	-1885 Dec 25 j 08:28	14°♐35'43	0.64936 AU
morning rise	-1885 Dec 29 j 03:04	10°♐39'39	
direct	-1884 Jan 04 j 20:22	7°♐48'52	
morning max el	-1884 Jan 18 j 02:35	15°♐29'50	27°04'33
desc. node	-1884 Jan 21 j 03:54	18°♐44'21	
	-1884 Jan 30 j 02:02	0°♑	
	-1884 Feb 17 j 19:20	0°♒	
morning set	-1884 Feb 22 j 16:15	9°♒07'44	
max. Earth dist.	-1884 Feb 27 j 07:27	18°♒19'18	1.34133 AU
superior conj	-1884 Mar 01 j 23:20	25°♒53'28	-1°-1'-2
minimum elong	-1884 Mar 02 j 02:04	26°♒07'50	1°00'35
	-1884 Mar 03 j 22:09	0°♓	
asc. node	-1884 Mar 08 j 03:45	8°♓57'21	
evening rise	-1884 Mar 09 j 09:42	11°♓34'10	
	-1884 Mar 19 j 00:52	0°♈	
evening max el	-1884 Mar 29 j 18:01	14°♈15'42	21°40'55
retrograde	-1884 Apr 11 j 01:29	20°♈14'27	
evening set	-1884 Apr 13 j 15:22	19°♈59'28	
desc. node	-1884 Apr 18 j 02:57	18°♈30'28	
inferior conj	-1884 Apr 23 j 00:03	15°♈56'54	-1°-21'-57
minimum elong	-1884 Apr 22 j 20:15	16°♈02'14	1°20'38
min. Earth dist.	-1884 Apr 22 j 21:39	16°♈00'17	0.55091 AU
morning rise	-1884 May 02 j 01:56	11°♈58'13	
direct	-1884 May 05 j 00:23	11°♈39'15	
morning max el	-1884 May 17 j 07:37	17°♈28'05	21°50'28
	-1884 May 27 j 04:38	0°♉	
asc. node	-1884 Jun 04 j 03:07	14°♉19'20	
morning set	-1884 Jun 07 j 03:14	20°♉26'14	
	-1884 Jun 11 j 16:26	0°♊	
superior conj	-1884 Jun 14 j 11:50	5°♊54'44	1°30'07
minimum elong	-1884 Jun 14 j 09:21	5°♊41'42	1°29'53
max. Earth dist.	-1884 Jun 18 j 00:12	13°♊10'15	1.34784 AU
evening rise	-1884 Jun 22 j 15:58	22°♊23'48	
	-1884 Jun 26 j 17:15	0°♋	
desc. node	-1884 Jul 15 j 02:11	29°♋24'54	
	-1884 Jul 15 j 12:25	0°♌	
evening max el	-1884 Jul 27 j 16:59	14°♌25'47	26°56'09
retrograde	-1884 Aug 09 j 20:43	21°♌44'43	
evening set	-1884 Aug 16 j 15:58	18°♌58'48	
min. Earth dist.	-1884 Aug 20 j 13:58	15°♌02'46	0.65463 AU
inferior conj	-1884 Aug 22 j 11:15	12°♌51'14	-2°-43'-36
minimum elong	-1884 Aug 22 j 15:02	12°♌40'13	2°42'19
morning rise	-1884 Aug 28 j 15:25	7°♌10'32	
direct	-1884 Aug 31 j 10:49	6°♌27'11	
asc. node	-1884 Aug 31 j 02:19	6°♌27'53	
morning max el	-1884 Sep 07 j 00:59	10°♌03'19	18°21'10
	-1884 Sep 20 j 21:22	0°♍	
morning set	-1884 Sep 26 j 04:14	8°♍38'54	
	-1884 Oct 09 j 10:08	0°♎	
superior conj	-1884 Oct 11 j 03:40	2°♎44'29	0°00'-33
minimum elong	-1884 Oct 11 j 03:35	2°♎44'09	0°00'33
behind sun begin	-1884 Oct 10 j 16:26	2°♎00'03	
behind sun end	-1884 Oct 11 j 14:44	3°♎28'14	
desc. node	-1884 Oct 11 j 01:37	2°♎36'23	
max. Earth dist.	-1884 Oct 13 j 09:41	6°♎17'39	1.44874 AU
evening rise	-1884 Oct 27 j 16:03	28°♎39'50	
	-1884 Oct 28 j 12:31	0°♏	
greatest brilliancy	-1884 Nov 11 j 02:15	20°♏58'45	-0.7m

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1884 Nov 17 j 14:42	0°♐	
evening max el	-1884 Nov 20 j 06:31	3°♐02'14	19°24'36
retrograde	-1884 Nov 27 j 10:56	7°♐11'19	
asc. node	-1884 Nov 27 j 01:29	7°♐10'26	
evening set	-1884 Nov 30 j 18:39	6°♐06'51	
inferior conj	-1884 Dec 06 j 10:09	0°♐10'28	2°50'14
minimum elong	-1884 Dec 06 j 07:12	0°♐20'00	2°49'21
	-1884 Dec 06 j 13:24	30°℞♏	
min. Earth dist.	-1884 Dec 07 j 15:51	28°♏34'41	0.66112 AU
morning rise	-1884 Dec 11 j 18:57	23°♏57'25	
direct	-1884 Dec 18 j 00:16	21°♏14'00	
morning max el	-1884 Dec 30 j 12:06	28°♏36'27	26°02'26
	-1884 Dec 31 j 20:28	0°♐	
desc. node	-1883 Jan 07 j 00:57	7°♐13'48	
	-1883 Jan 22 j 20:41	0°♑	
morning set	-1883 Feb 04 j 16:23	22°♑04'13	
max. Earth dist.	-1883 Feb 08 j 16:24	29°♑38'48	1.35555 AU
	-1883 Feb 08 j 20:47	0°♒	
superior conj	-1883 Feb 13 j 19:41	9°♒50'12	-1°-24'-22
minimum elong	-1883 Feb 13 j 23:07	10°♒07'37	1°23'56
evening rise	-1883 Feb 21 j 16:47	26°♒02'16	
asc. node	-1883 Feb 23 j 00:47	28°♒44'56	
	-1883 Feb 23 j 15:42	0°♓	
evening max el	-1883 Mar 11 j 23:35	25°♓31'46	20°20'29
	-1883 Mar 18 j 21:07	0°♈	
retrograde	-1883 Mar 22 j 15:40	0°♈37'36	
evening set	-1883 Mar 24 j 20:36	0°♈25'27	
	-1883 Mar 26 j 14:07	30°℞♓	
inferior conj	-1883 Apr 02 j 20:17	26°♓27'21	0°36'16
minimum elong	-1883 Apr 02 j 21:55	26°♓24'57	0°35'41
min. Earth dist.	-1883 Apr 04 j 11:46	25°♓29'12	0.55366 AU
desc. node	-1883 Apr 05 j 00:01	25°♓11'25	
morning rise	-1883 Apr 11 j 20:55	22°♓07'03	
direct	-1883 Apr 15 j 13:20	21°♓37'26	
morning max el	-1883 Apr 29 j 02:33	28°♓16'35	23°28'39
	-1883 Apr 30 j 20:00	0°♈	
	-1883 May 19 j 23:45	0°♉	
asc. node	-1883 May 22 j 00:08	4°♉08'08	
morning set	-1883 May 22 j 14:44	5°♉24'18	
superior conj	-1883 May 29 j 18:05	20°♉40'46	1°13'21
minimum elong	-1883 May 29 j 15:32	20°♉27'10	1°12'59
max. Earth dist.	-1883 Jun 01 j 00:11	25°♉28'54	1.33658 AU
	-1883 Jun 03 j 03:59	0°♊	
evening rise	-1883 Jun 06 j 08:22	6°♊28'30	
	-1883 Jun 19 j 07:16	0°♋	
desc. node	-1883 Jul 01 j 23:12	18°♋27'43	
evening max el	-1883 Jul 10 j 04:01	27°♋40'00	27°22'56
	-1883 Jul 12 j 18:39	0°♌	
retrograde	-1883 Jul 23 j 17:56	5°♌01'59	
evening set	-1883 Jul 30 j 20:59	2°♌19'08	
	-1883 Aug 02 j 12:32	30°℞♋	
min. Earth dist.	-1883 Aug 03 j 12:59	28°♋58'39	0.64062 AU
inferior conj	-1883 Aug 05 j 23:47	26°♋23'20	-3°-30'-31
minimum elong	-1883 Aug 06 j 04:05	26°♋11'57	3°29'22
morning rise	-1883 Aug 12 j 13:04	20°♋59'04	
direct	-1883 Aug 15 j 03:25	20°♋24'56	
asc. node	-1883 Aug 17 j 23:22	21°♋05'40	
morning max el	-1883 Aug 21 j 16:04	23°♋51'39	17°59'10
	-1883 Aug 26 j 14:08	0°♌	
morning set	-1883 Sep 07 j 20:41	20°♌12'38	
	-1883 Sep 13 j 14:46	0°♍	
superior conj	-1883 Sep 20 j 19:07	11°♍54'02	0°45'24
minimum elong	-1883 Sep 20 j 23:47	12°♍13'04	0°44'50
max. Earth dist.	-1883 Sep 26 j 02:43	20°♍28'01	1.44228 AU
desc. node	-1883 Sep 27 j 22:36	23°♍22'17	
	-1883 Oct 02 j 03:48	0°♎	
evening rise	-1883 Oct 07 j 01:46	7°♎37'42	
	-1883 Oct 21 j 20:54	0°♏	
greatest brilliancy	-1883 Oct 28 j 00:41	8°♏43'05	-0.6m
evening max el	-1883 Nov 03 j 10:10	16°♏29'11	20°22'43
retrograde	-1883 Nov 11 j 08:21	21°♏09'13	
asc. node	-1883 Nov 13 j 22:32	20°♏30'36	
evening set	-1883 Nov 15 j 01:02	19°♏50'11	
inferior conj	-1883 Nov 20 j 12:47	13°♏42'02	2°07'50
minimum elong	-1883 Nov 20 j 10:13	13°♏50'41	2°06'54
min. Earth dist.	-1883 Nov 21 j 05:55	12°♏44'14	0.66925 AU
morning rise	-1883 Nov 25 j 18:53	7°♏26'14	
direct	-1883 Dec 01 j 09:35	4°♏59'09	
morning max el	-1883 Dec 12 j 20:31	11°♏48'52	24°42'56
desc. node	-1883 Dec 24 j 21:58	26°♏27'22	
	-1883 Dec 27 j 11:10	0°♐	
	-1882 Jan 15 j 14:31	0°♑	
morning set	-1882 Jan 17 j 21:20	3°♑58'52	
max. Earth dist.	-1882 Jan 21 j 14:49	10°♑40'50	1.37385 AU
superior conj	-1882 Jan 28 j 05:43	23°♑11'24	-1°-43'-38
minimum elong	-1882 Jan 28 j 09:03	23°♑27'36	1°43'23
	-1882 Jan 31 j 16:44	0°♒	
evening rise	-1882 Feb 05 j 18:20	10°♒07'30	
asc. node	-1882 Feb 09 j 21:49	18°♒14'05	
	-1882 Feb 16 j 16:57	0°♓	
evening max el	-1882 Feb 22 j 16:09	7°♓25'26	19°17'52
retrograde	-1882 Mar 03 j 16:20	11°♓43'48	
evening set	-1882 Mar 05 j 22:37	11°♓28'43	
inferior conj	-1882 Mar 14 j 05:31	7°♓19'45	2°16'23
minimum elong	-1882 Mar 14 j 10:06	7°♓12'06	2°15'04
min. Earth dist.	-1882 Mar 17 j 02:51	5°♓24'49	0.56522 AU
morning rise	-1882 Mar 22 j 17:41	2°♓28'29	
desc. node	-1882 Mar 22 j 21:04	2°♓25'28	
direct	-1882 Mar 27 j 13:30	1°♓34'51	
morning max el	-1882 Apr 10 j 17:19	8°♓49'00	25°07'04
	-1882 Apr 26 j 11:14	0°♈	
morning set	-1882 May 07 j 02:50	20°♈25'21	
asc. node	-1882 May 08 j 21:10	24°♈10'02	
	-1882 May 11 j 13:55	0°♉	
superior conj	-1882 May 14 j 03:56	5°♉37'47	0°53'02
minimum elong	-1882 May 14 j 01:50	5°♉26'22	0°52'38
max. Earth dist.	-1882 May 15 j 08:06	8°♉10'54	1.32910 AU
evening rise	-1882 May 21 j 09:24	20°♉59'47	
	-1882 May 25 j 22:21	0°♊	
	-1882 Jun 13 j 09:59	0°♋	
desc. node	-1882 Jun 18 j 20:14	6°♋38'00	
evening max el	-1882 Jun 22 j 12:31	10°♋26'54	27°19'18
retrograde	-1882 Jul 06 j 08:44	17°♋47'02	
evening set	-1882 Jul 13 j 12:03	15°♋20'51	
min. Earth dist.	-1882 Jul 17 j 02:06	12°♋27'56	0.62318 AU
inferior conj	-1882 Jul 20 j 01:33	9°♋39'53	-4°-8'-16
minimum elong	-1882 Jul 20 j 05:18	9°♋31'01	4°07'37
morning rise	-1882 Jul 27 j 01:02	4°♋35'12	
direct	-1882 Jul 29 j 12:50	4°♋07'28	
asc. node	-1882 Aug 04 j 20:24	7°♋07'54	
morning max el	-1882 Aug 05 j 06:57	7°♋33'02	17°55'22
	-1882 Aug 19 j 21:08	0°♌	
morning set	-1882 Aug 21 j 10:48	2°♌49'09	
superior conj	-1882 Sep 01 j 13:25	22°♌23'47	1°19'25
minimum elong	-1882 Sep 01 j 18:34	22°♌45'45	1°18'54
	-1882 Sep 06 j 01:50	0°♍	
max. Earth dist.	-1882 Sep 08 j 16:08	4°♍16'16	1.42955 AU
desc. node	-1882 Sep 14 j 19:36	14°♍07'12	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1882 Sep 16 j 08:28	16°♍31'48	
	-1882 Sep 25 j 03:44	0°♎	
greatest brilliancy	-1882 Oct 12 j 08:12	24°♎12'25	-0.4m
	-1882 Oct 17 j 09:20	0°♏	
evening max el	-1882 Oct 17 j 07:59	29°♎56'33	21°32'54
retrograde	-1882 Oct 26 j 04:59	5°♏12'47	
evening set	-1882 Oct 30 j 08:51	3°♏36'46	
asc. node	-1882 Oct 31 j 19:35	2°♏18'04	
	-1882 Nov 02 j 18:58	30°℞♎	
inferior conj	-1882 Nov 04 j 18:28	27°♎20'14	1°19'52
minimum elong	-1882 Nov 04 j 16:42	27°♎26'17	1°19'09
min. Earth dist.	-1882 Nov 05 j 00:21	26°♎59'55	0.67401 AU
morning rise	-1882 Nov 10 j 00:16	21°♎04'13	
direct	-1882 Nov 14 j 23:35	18°♎58'22	
morning max el	-1882 Nov 25 j 05:40	25°♎04'49	23°16'02
	-1882 Nov 29 j 15:58	0°♏	
greatest brilliancy	-1882 Nov 30 j 10:31	0°♏55'59	-0.3m
desc. node	-1882 Dec 11 j 19:00	16°♏12'34	
	-1882 Dec 20 j 23:46	0°♐	
morning set	-1882 Dec 30 j 00:50	14°♐35'21	
max. Earth dist.	-1881 Jan 03 j 10:03	22°♐03'47	1.39464 AU
	-1881 Jan 07 j 21:37	0°♑	
superior conj	-1881 Jan 11 j 01:16	5°♑45'56	-1°-56'-3
minimum elong	-1881 Jan 11 j 03:09	5°♑54'36	1°56'03
evening rise	-1881 Jan 20 j 11:39	23°♑42'57	
	-1881 Jan 23 j 18:39	0°♒	
asc. node	-1881 Jan 27 j 18:51	7°♒18'05	
evening max el	-1881 Feb 05 j 17:55	19°♒52'08	18°34'59
retrograde	-1881 Feb 13 j 11:19	23°♒38'14	
evening set	-1881 Feb 15 j 21:32	23°♒17'14	
inferior conj	-1881 Feb 23 j 10:48	18°♒48'44	3°21'18
minimum elong	-1881 Feb 23 j 14:38	18°♒41'15	3°20'35
min. Earth dist.	-1881 Feb 26 j 20:16	16°♒11'38	0.58294 AU
morning rise	-1881 Mar 03 j 03:58	13°♒28'56	
direct	-1881 Mar 09 j 02:41	11°♒59'48	
desc. node	-1881 Mar 09 j 18:08	12°♒00'50	
morning max el	-1881 Mar 23 j 10:04	19°♒33'12	26°30'40
	-1881 Apr 01 j 07:09	0°♓	
	-1881 Apr 18 j 23:05	0°♈	
morning set	-1881 Apr 21 j 13:50	5°♈22'34	
asc. node	-1881 Apr 25 j 18:11	14°♈19'25	
superior conj	-1881 Apr 28 j 15:27	20°♈38'17	0°30'02
minimum elong	-1881 Apr 28 j 14:09	20°♈31'11	0°29'45
max. Earth dist.	-1881 Apr 28 j 20:31	21°♈06'04	1.32519 AU
	-1881 May 02 j 22:39	0°♉	
evening rise	-1881 May 05 j 16:07	5°♉46'56	
	-1881 May 18 j 13:56	0°♊	
evening max el	-1881 Jun 04 j 15:44	22°♊33'23	26°42'37
desc. node	-1881 Jun 05 j 17:17	23°♊32'33	
retrograde	-1881 Jun 18 j 15:45	29°♊50'25	
evening set	-1881 Jun 25 j 08:42	27°♊54'06	
min. Earth dist.	-1881 Jun 29 j 05:08	25°♊14'55	0.60327 AU
inferior conj	-1881 Jul 02 j 12:58	22°♊30'52	-4°-30'-27
minimum elong	-1881 Jul 02 j 14:34	22°♊27'34	4°30'21
morning rise	-1881 Jul 09 j 23:37	17°♊48'21	
direct	-1881 Jul 12 j 10:54	17°♊25'09	
morning max el	-1881 Jul 19 j 18:43	20°♊59'10	18°10'46
asc. node	-1881 Jul 22 j 17:26	24°♊18'16	
	-1881 Jul 26 j 15:25	0°♋	
morning set	-1881 Aug 04 j 16:48	16°♋11'45	
	-1881 Aug 12 j 02:33	0°♌	
superior conj	-1881 Aug 14 j 09:58	4°♌11'33	1°39'39
minimum elong	-1881 Aug 14 j 13:07	4°♌25'43	1°39'27
max. Earth dist.	-1881 Aug 22 j 00:16	17°♌27'11	1.41211 AU
evening rise	-1881 Aug 27 j 06:15	26°♌08'58	
	-1881 Aug 29 j 15:44	0°♍	
desc. node	-1881 Sep 01 j 16:38	4°♍47'10	
	-1881 Sep 18 j 22:42	0°♎	
greatest brilliancy	-1881 Sep 24 j 23:57	7°♎47'49	-0.3m
evening max el	-1881 Sep 30 j 00:13	13°♎24'38	22°51'01
retrograde	-1881 Oct 09 j 23:24	19°♎19'22	
evening set	-1881 Oct 14 j 16:23	17°♎24'42	
asc. node	-1881 Oct 18 j 16:37	12°♎55'05	
inferior conj	-1881 Oct 20 j 01:19	11°♎03'20	0°28'07
minimum elong	-1881 Oct 20 j 00:40	11°♎05'36	0°27'50
min. Earth dist.	-1881 Oct 19 j 20:44	11°♎19'09	0.67551 AU
morning rise	-1881 Oct 25 j 08:55	4°♎49'41	
direct	-1881 Oct 29 j 17:25	3°♎06'18	
morning max el	-1881 Nov 07 j 19:00	8°♎27'28	21°50'51
greatest brilliancy	-1881 Nov 12 j 15:37	13°♎58'48	-0.4m
	-1881 Nov 24 j 08:53	0°♏	
desc. node	-1881 Nov 28 j 16:02	6°♏20'34	
morning set	-1881 Dec 09 j 23:22	23°♏48'33	
	-1881 Dec 13 j 19:21	0°♐	
max. Earth dist.	-1881 Dec 16 j 09:46	4°♐17'21	1.41513 AU
superior conj	-1881 Dec 24 j 01:09	17°♐20'55	-1°-57'-58
minimum elong	-1881 Dec 23 j 23:46	17°♐14'53	1°57'59
	-1881 Dec 31 j 02:14	0°♑	
evening rise	-1880 Jan 03 j 17:30	6°♑41'35	
asc. node	-1880 Jan 14 j 15:54	25°♑49'02	
	-1880 Jan 17 j 15:45	0°♒	
evening max el	-1880 Jan 20 j 02:09	2°♒44'18	18°12'07
retrograde	-1880 Jan 27 j 00:24	6°♒14'03	
evening set	-1880 Jan 29 j 14:11	5°♒45'48	
inferior conj	-1880 Feb 05 j 12:24	0°♒55'29	3°51'41
minimum elong	-1880 Feb 05 j 13:48	0°♒52'17	3°51'34
	-1880 Feb 06 j 12:47	30°℞♑	
min. Earth dist.	-1880 Feb 08 j 19:10	27°♑58'45	0.60335 AU
morning rise	-1880 Feb 12 j 10:27	25°♑14'46	
direct	-1880 Feb 19 j 03:32	23°♑08'01	
desc. node	-1880 Feb 24 j 15:12	24°♑25'54	
	-1880 Mar 03 j 11:05	0°♒	
morning max el	-1880 Mar 04 j 08:48	0°♒52'00	27°25'52
	-1880 Mar 25 j 08:42	0°♓	
morning set	-1880 Apr 04 j 22:01	20°♓09'38	
	-1880 Apr 09 j 13:17	0°♈	
max. Earth dist.	-1880 Apr 11 j 09:35	4°♈01'07	1.32474 AU
asc. node	-1880 Apr 11 j 15:14	4°♈32'01	
superior conj	-1880 Apr 12 j 03:01	5°♈36'26	0°05'12
minimum elong	-1880 Apr 12 j 02:47	5°♈35'08	0°05'09
behind sun begin	-1880 Apr 11 j 22:00	5°♈08'59	
behind sun end	-1880 Apr 12 j 07:33	6°♈01'18	
evening rise	-1880 Apr 19 j 02:18	20°♈42'04	
	-1880 Apr 23 j 15:49	0°♉	
	-1880 May 12 j 18:52	0°♊	
evening max el	-1880 May 16 j 12:11	3°♊55'19	25°35'43
desc. node	-1880 May 22 j 14:19	8°♊40'56	
retrograde	-1880 May 30 j 13:36	11°♊07'33	
evening set	-1880 Jun 05 j 07:24	9°♊49'25	
min. Earth dist.	-1880 Jun 10 j 00:18	7°♊06'06	0.58289 AU
inferior conj	-1880 Jun 13 j 06:31	4°♊46'55	-4°-27'-34
minimum elong	-1880 Jun 13 j 04:18	4°♊50'53	4°27'24
morning rise	-1880 Jun 21 j 05:06	0°♊27'01	
direct	-1880 Jun 23 j 17:07	0°♊07'15	
morning max el	-1880 Jul 02 j 00:28	4°♊01'55	18°46'20
asc. node	-1880 Jul 08 j 14:30	12°♊22'24	
morning set	-1880 Jul 18 j 10:15	0°♋08'54	
	-1880 Jul 18 j 08:25	0°♋	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1880 Jul 27 j 03:27	17°♋02'40	1°47'48
minimum elong	-1880 Jul 27 j 04:12	17°♋06'14	1°47'49
max. Earth dist.	-1880 Aug 03 j 03:26	29°♋53'13	1.39237 AU
	-1880 Aug 03 j 04:58	0°♌	
evening rise	-1880 Aug 07 j 04:47	6°♌56'27	
desc. node	-1880 Aug 18 j 13:39	25°♌18'02	
	-1880 Aug 21 j 16:28	0°♍	
evening max el	-1880 Sep 11 j 12:35	26°♍54'44	24°11'22
	-1880 Sep 14 j 22:49	0°♎	
retrograde	-1880 Sep 22 j 14:27	3°♎25'16	
evening set	-1880 Sep 27 j 21:54	1°♎11'44	
	-1880 Sep 29 j 04:06	30°℞♍	
min. Earth dist.	-1880 Oct 02 j 16:43	25°♍39'39	0.67390 AU
inferior conj	-1880 Oct 03 j 07:38	24°♍49'16	0°-25'-52
minimum elong	-1880 Oct 03 j 08:15	24°♍47'10	0°25'37
asc. node	-1880 Oct 04 j 13:41	23°♍09'01	
morning rise	-1880 Oct 08 j 18:52	18°♍40'44	
direct	-1880 Oct 12 j 14:06	17°♍18'17	
morning max el	-1880 Oct 20 j 15:06	21°♍59'08	20°34'07
greatest brilliancy	-1880 Oct 26 j 20:57	29°♍25'38	-0.5m
	-1880 Oct 27 j 07:18	0°♎	
desc. node	-1880 Nov 14 j 13:04	26°♎44'20	
	-1880 Nov 16 j 15:53	0°♏	
morning set	-1880 Nov 17 j 23:54	2°♏03'57	
max. Earth dist.	-1880 Nov 27 j 16:34	17°♏23'26	1.43244 AU
superior conj	-1880 Dec 03 j 23:52	27°♏43'16	-1°-45'-7
minimum elong	-1880 Dec 03 j 18:10	27°♏19'34	1°44'45
	-1880 Dec 05 j 08:35	0°♐	
evening rise	-1880 Dec 16 j 07:50	18°♐54'28	
	-1880 Dec 22 j 16:04	0°♑	
asc. node	-1880 Dec 31 j 12:57	13°♑36'20	
evening max el	-1879 Jan 02 j 13:54	15°♑53'28	18°08'52
retrograde	-1879 Jan 09 j 03:22	19°♑20'28	
evening set	-1879 Jan 11 j 20:43	18°♑43'59	
inferior conj	-1879 Jan 18 j 07:02	13°♑32'28	3°55'19
minimum elong	-1879 Jan 18 j 06:09	13°♑34'44	3°55'15
min. Earth dist.	-1879 Jan 21 j 02:27	10°♑39'46	0.62339 AU
morning rise	-1879 Jan 24 j 13:28	7°♑37'58	
direct	-1879 Jan 31 j 13:58	5°♑02'12	
desc. node	-1879 Feb 10 j 12:16	9°♑15'35	
morning max el	-1879 Feb 14 j 13:29	12°♑51'08	27°45'15
	-1879 Feb 28 j 06:52	0°♒	
	-1879 Mar 17 j 17:28	0°♓	
morning set	-1879 Mar 20 j 01:14	4°♓38'30	
max. Earth dist.	-1879 Mar 25 j 19:13	16°♓40'46	1.32791 AU
superior conj	-1879 Mar 27 j 12:55	20°♓25'45	0°-20'-41
minimum elong	-1879 Mar 27 j 13:52	20°♓30'57	0°20'29
asc. node	-1879 Mar 29 j 12:19	24°♓43'07	
	-1879 Mar 31 j 22:46	0°♈	
evening rise	-1879 Apr 03 j 13:58	5°♈37'39	
	-1879 Apr 16 j 14:59	0°♉	
evening max el	-1879 Apr 28 j 03:48	14°♉43'11	24°08'01
desc. node	-1879 May 09 j 11:21	21°♉26'23	
retrograde	-1879 May 12 j 00:13	21°♉41'07	
evening set	-1879 May 16 j 09:04	20°♉58'35	
min. Earth dist.	-1879 May 22 j 15:15	17°♉55'32	0.56513 AU
inferior conj	-1879 May 25 j 03:57	16°♉20'56	-3°-48'-6
minimum elong	-1879 May 24 j 22:00	16°♉30'16	3°46'54
morning rise	-1879 Jun 02 j 14:52	12°♉19'03	
direct	-1879 Jun 05 j 04:12	12°♉01'48	
morning max el	-1879 Jun 14 j 21:27	16°♉31'58	19°42'38
	-1879 Jun 24 j 20:01	0°♊	
asc. node	-1879 Jun 25 j 11:35	1°♊07'57	
morning set	-1879 Jul 02 j 11:50	14°♊32'18	
	-1879 Jul 10 j 03:58	0°♋	

superior conj	-1879 Jul 10 j 12:21	0°♋41'33	1°46'24
minimum elong	-1879 Jul 10 j 11:15	0°♋36'07	1°46'25
max. Earth dist.	-1879 Jul 16 j 06:19	11°♋47'09	1.37298 AU
evening rise	-1879 Jul 20 j 03:55	18°♋56'19	
	-1879 Jul 26 j 13:23	0°♌	
desc. node	-1879 Aug 05 j 10:39	15°♌34'56	
	-1879 Aug 15 j 20:06	0°♍	
evening max el	-1879 Aug 24 j 23:42	10°♍28'35	25°26'44
retrograde	-1879 Sep 06 j 01:15	17°♍26'14	
evening set	-1879 Sep 11 j 23:36	14°♍55'57	
min. Earth dist.	-1879 Sep 16 j 09:53	9°♍59'46	0.66914 AU
inferior conj	-1879 Sep 17 j 11:39	8°♍36'18	-1°-20'-31
minimum elong	-1879 Sep 17 j 13:37	8°♍29'56	1°19'44
asc. node	-1879 Sep 21 j 10:45	3°♍58'37	
morning rise	-1879 Sep 23 j 04:13	2°♍35'50	
direct	-1879 Sep 26 j 12:21	1°♍31'17	
morning max el	-1879 Oct 03 j 18:38	5°♍39'59	19°30'11
greatest brilliancy	-1879 Oct 12 j 18:51	17°♍14'29	-0.7m
	-1879 Oct 21 j 06:12	0°♎	
morning set	-1879 Oct 28 j 00:05	10°♎26'19	
desc. node	-1879 Nov 01 j 10:06	17°♎19'08	
	-1879 Nov 09 j 11:57	0°♏	
max. Earth dist.	-1879 Nov 10 j 05:54	1°♏11'01	1.44431 AU
superior conj	-1879 Nov 13 j 19:40	6°♏52'09	-1°-14'-37
minimum elong	-1879 Nov 13 j 11:59	6°♏21'26	1°13'50
	-1879 Nov 27 j 22:59	0°♐	
evening rise	-1879 Nov 28 j 02:08	0°♐13'10	
evening max el	-1879 Dec 17 j 02:27	29°♐13'29	18°24'29
	-1879 Dec 17 j 21:36	0°♑	
asc. node	-1879 Dec 18 j 10:00	0°♑27'34	
retrograde	-1879 Dec 23 j 15:47	2°♑49'01	
evening set	-1879 Dec 26 j 13:33	2°♑03'01	
	-1879 Dec 29 j 08:29	30°℞♐	
inferior conj	-1878 Jan 01 j 14:47	26°♐32'06	3°39'56
minimum elong	-1878 Jan 01 j 12:27	26°♐38'47	3°39'32
min. Earth dist.	-1878 Jan 03 j 19:25	24°♐01'52	0.64095 AU
morning rise	-1878 Jan 07 j 09:55	20°♐28'23	
direct	-1878 Jan 14 j 08:07	17°♐38'29	
morning max el	-1878 Jan 27 j 21:54	25°♐25'03	27°28'30
desc. node	-1878 Jan 28 j 09:21	25°♐53'49	
	-1878 Feb 01 j 03:33	0°♑	
	-1878 Feb 21 j 17:51	0°♒	
morning set	-1878 Mar 03 j 20:50	18°♒40'23	
max. Earth dist.	-1878 Mar 08 j 21:32	28°♒52'43	1.33514 AU
	-1878 Mar 09 j 10:26	0°♓	
superior conj	-1878 Mar 11 j 19:20	5°♓00'19	0°-46'-35
minimum elong	-1878 Mar 11 j 21:29	5°♓11'42	0°46'11
asc. node	-1878 Mar 16 j 09:22	14°♓48'36	
evening rise	-1878 Mar 19 j 01:18	20°♓27'30	
	-1878 Mar 23 j 18:08	0°♈	
evening max el	-1878 Apr 09 j 20:20	25°♈22'05	22°33'15
	-1878 Apr 16 j 01:44	0°♉	
retrograde	-1878 Apr 22 j 21:51	1°♉46'59	
evening set	-1878 Apr 25 j 23:39	1°♉26'16	
desc. node	-1878 Apr 26 j 08:24	1°♉21'10	
	-1878 Apr 30 j 03:10	30°℞♈	
min. Earth dist.	-1878 May 04 j 04:50	27°♈51'59	0.55360 AU
inferior conj	-1878 May 05 j 07:21	27°♈14'11	-2°-25'-29
minimum elong	-1878 May 05 j 01:18	27°♈22'49	2°23'37
morning rise	-1878 May 14 j 05:12	23°♈18'55	
direct	-1878 May 16 j 22:32	23°♈01'48	
morning max el	-1878 May 28 j 07:36	28°♈20'32	20°58'54
	-1878 May 29 j 23:37	0°♉	
asc. node	-1878 Jun 12 j 08:40	20°♉24'11	
morning set	-1878 Jun 16 j 18:52	29°♉14'02	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1878 Jun 17 j 03:49	0°♊		
superior conj	-1878 Jun 24 j 08:04	14°♊54'09	1°37'43	
minimum elong	-1878 Jun 24 j 05:52	14°♊42'54	1°37'35	
max. Earth dist.	-1878 Jun 28 j 15:27	23°♊36'13	1.35603 AU	
	-1878 Jul 01 j 22:31	0°♋		
evening rise	-1878 Jul 02 j 22:57	1°♋55'36		
	-1878 Jul 19 j 13:27	0°♌		
desc. node	-1878 Jul 23 j 07:40	5°♌30'45		
evening max el	-1878 Aug 07 j 11:13	24°♌02'34	26°29'13	
	-1878 Aug 15 j 09:08	0°♍		
retrograde	-1878 Aug 20 j 07:02	1°♍16'04		
	-1878 Aug 24 j 18:54	30°℞♌		
evening set	-1878 Aug 26 j 19:22	28°♌33'51		
min. Earth dist.	-1878 Aug 30 j 21:45	24°♌15'36	0.66101 AU	
inferior conj	-1878 Sep 01 j 11:27	22°♌20'56	-2°-14'-5	
minimum elong	-1878 Sep 01 j 14:40	22°♌11'10	2°12'54	
morning rise	-1878 Sep 07 j 10:57	16°♌31'48		
asc. node	-1878 Sep 08 j 07:49	16°♌06'47		
direct	-1878 Sep 10 j 10:20	15°♌41'37		
morning max el	-1878 Sep 17 j 04:24	19°♌27'04	18°41'33	
	-1878 Sep 25 j 05:59	0°♍		
morning set	-1878 Oct 07 j 21:25	19°♍54'48		
	-1878 Oct 14 j 05:29	0°♎		
desc. node	-1878 Oct 19 j 07:05	8°♎00'38		
superior conj	-1878 Oct 23 j 21:13	15°♎14'15	0°-29'-19	
minimum elong	-1878 Oct 23 j 17:21	14°♎59'04	0°28'50	
max. Earth dist.	-1878 Oct 23 j 23:32	15°♎23'24	1.44933 AU	
	-1878 Nov 02 j 05:53	0°♏		
evening rise	-1878 Nov 08 j 20:37	10°♏31'09		
	-1878 Nov 21 j 03:34	0°♐		
evening max el	-1878 Nov 30 j 13:12	12°♐38'55	18°57'57	
asc. node	-1878 Dec 05 j 07:02	16°♐07'57		
retrograde	-1878 Dec 07 j 10:00	16°♐32'55		
evening set	-1878 Dec 10 j 13:39	15°♐35'40		
inferior conj	-1878 Dec 16 j 08:07	9°♐47'44	3°11'13	
minimum elong	-1878 Dec 16 j 05:11	9°♐56'51	3°10'28	
min. Earth dist.	-1878 Dec 17 j 21:46	7°♐50'50	0.65489 AU	
morning rise	-1878 Dec 21 j 19:46	3°♐37'41		
direct	-1878 Dec 28 j 08:37	0°♐48'32		
morning max el	-1877 Jan 10 j 07:28	8°♐22'41	26°40'49	
desc. node	-1877 Jan 15 j 06:25	13°♐49'28		
	-1877 Jan 27 j 06:13	0°♑		
	-1877 Feb 14 j 02:56	0°♒		
morning set	-1877 Feb 15 j 05:22	2°♒04'40		
max. Earth dist.	-1877 Feb 19 j 13:19	10°♒30'48	1.34682 AU	
superior conj	-1877 Feb 23 j 20:09	19°♒13'34	-1°-11'-17	
minimum elong	-1877 Feb 23 j 23:15	19°♒29'37	1°10'50	
	-1877 Feb 28 j 23:51	0°♓		
evening rise	-1877 Mar 03 j 10:32	5°♓05'53		
asc. node	-1877 Mar 03 j 06:23	4°♓44'23		
	-1877 Mar 17 j 09:48	0°♈		
evening max el	-1877 Mar 22 j 20:03	6°♈19'45	21°04'50	
retrograde	-1877 Apr 03 j 11:14	11°♈55'42		
evening set	-1877 Apr 05 j 19:46	11°♈42'46		
desc. node	-1877 Apr 13 j 05:29	8°♈46'56		
inferior conj	-1877 Apr 15 j 02:08	7°♈44'34	0°-31'-32	
minimum elong	-1877 Apr 15 j 00:38	7°♈46'40	0°31'02	
min. Earth dist.	-1877 Apr 15 j 18:20	7°♈21'38	0.55091 AU	
morning rise	-1877 Apr 24 j 04:54	3°♈38'54		
direct	-1877 Apr 27 j 09:52	3°♈16'34		
morning max el	-1877 May 10 j 07:08	9°♈27'42	22°31'22	
	-1877 May 25 j 00:43	0°♉		
asc. node	-1877 May 30 j 05:43	10°♉03'18		
morning set	-1877 Jun 01 j 05:17	14°♉08'11		
superior conj	-1877 Jun 08 j 11:14	29°♉30'28	1°23'31	
minimum elong	-1877 Jun 08 j 08:40	29°♉16'49	1°23'13	
	-1877 Jun 08 j 16:50	0°♊		
max. Earth dist.	-1877 Jun 11 j 10:16	5°♊42'33	1.34261 AU	
evening rise	-1877 Jun 16 j 08:49	15°♊40'14		
	-1877 Jun 24 j 02:04	0°♋		
desc. node	-1877 Jul 10 j 04:40	24°♋56'20		
	-1877 Jul 14 j 03:40	0°♌		
evening max el	-1877 Jul 20 j 22:57	7°♌27'38	27°10'57	
retrograde	-1877 Aug 03 j 07:17	14°♌47'42		
evening set	-1877 Aug 10 j 06:39	12°♌01'50		
min. Earth dist.	-1877 Aug 14 j 01:56	8°♌21'25	0.64920 AU	
inferior conj	-1877 Aug 16 j 04:50	5°♌59'06	-3°-4'-18	
minimum elong	-1877 Aug 16 j 08:56	5°♌47'38	3°03'02	
morning rise	-1877 Aug 22 j 12:43	0°♌24'50		
	-1877 Aug 23 j 14:32	30°℞♋		
direct	-1877 Aug 25 j 05:47	29°♋45'38		
asc. node	-1877 Aug 26 j 04:54	29°♋50'35		
	-1877 Aug 26 j 21:12	0°♌		
morning max el	-1877 Aug 31 j 18:18	3°♌16'25	18°09'37	
	-1877 Sep 18 j 11:54	0°♍		
morning set	-1877 Sep 18 j 22:55	0°♍45'59		
superior conj	-1877 Oct 03 j 01:35	23°♍49'38	0°20'03	
minimum elong	-1877 Oct 03 j 04:01	23°♍59'21	0°19'44	
desc. node	-1877 Oct 06 j 04:04	28°♍45'47		
	-1877 Oct 06 j 22:50	0°♎		
max. Earth dist.	-1877 Oct 06 j 18:15	29°♍41'53	1.44695 AU	
evening rise	-1877 Oct 19 j 16:02	19°♎52'39		
	-1877 Oct 26 j 05:16	0°♏		
greatest brilliancy	-1877 Nov 06 j 02:30	16°♏18'49	-0.6m	
evening max el	-1877 Nov 13 j 19:54	26°♏05'49	19°47'36	
	-1877 Nov 19 j 01:29	0°♐		
retrograde	-1877 Nov 21 j 06:59	0°♐26'56		
asc. node	-1877 Nov 22 j 04:04	0°♐22'30		
	-1877 Nov 23 j 10:37	30°℞♏		
evening set	-1877 Nov 24 j 18:22	29°♏16'21		
inferior conj	-1877 Nov 30 j 08:03	23°♏14'26	2°33'01	
minimum elong	-1877 Nov 30 j 05:12	23°♏23'49	2°32'06	
min. Earth dist.	-1877 Dec 01 j 08:08	21°♏55'04	0.66507 AU	
morning rise	-1877 Dec 05 j 15:24	17°♏00'08		
direct	-1877 Dec 11 j 14:41	14°♏23'05		
morning max el	-1877 Dec 23 j 16:29	21°♏32'27	25°30'11	
	-1877 Dec 31 j 01:54	0°♐		
desc. node	-1876 Jan 02 j 03:25	2°♐39'14		
	-1876 Jan 20 j 11:50	0°♑		
morning set	-1876 Jan 28 j 22:01	14°♑36'23		
max. Earth dist.	-1876 Feb 01 j 17:38	21°♑40'50	1.36293 AU	
	-1876 Feb 06 j 01:00	0°♒		
superior conj	-1876 Feb 07 j 12:31	2°♒56'06	-1°-33'-11	
minimum elong	-1876 Feb 07 j 16:02	3°♒13'39	1°32'49	
evening rise	-1876 Feb 15 j 15:33	19°♒25'06		
asc. node	-1876 Feb 18 j 03:24	24°♒24'43		
	-1876 Feb 21 j 01:02	0°♓		
evening max el	-1876 Mar 04 j 06:15	17°♓50'57	19°51'27	
retrograde	-1876 Mar 14 j 04:38	22°♓35'29		
evening set	-1876 Mar 16 j 09:31	22°♓22'30		
inferior conj	-1876 Mar 25 j 02:28	18°♓20'50	1°22'28	
minimum elong	-1876 Mar 25 j 05:50	18°♓15'37	1°21'21	
min. Earth dist.	-1876 Mar 27 j 08:26	16°♓57'46	0.55761 AU	
desc. node	-1876 Mar 30 j 02:32	15°♓24'12		
morning rise	-1876 Apr 02 j 23:04	13°♓48'06		
direct	-1876 Apr 07 j 02:21	13°♓10'14		
morning max el	-1876 Apr 20 j 23:33	20°♓05'40	24°11'27	
	-1876 Apr 29 j 08:43	0°♈		
morning set	-1876 May 15 j 17:14	29°♈07'56		

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1876 May 16 j 02:45	29°♈58'02	
	-1876 May 16 j 03:07	0°♉	
superior conj	-1876 May 22 j 19:14	14°♉21'27	1°05'07
minimum elong	-1876 May 22 j 16:50	14°♉08'28	1°04'43
max. Earth dist.	-1876 May 24 j 14:05	18°♉11'48	1.33294 AU
evening rise	-1876 May 30 j 05:15	29°♉56'43	
	-1876 May 30 j 05:54	0°♊	
	-1876 Jun 16 j 03:28	0°♋	
desc. node	-1876 Jun 26 j 01:43	13°♋38'40	
evening max el	-1876 Jul 02 j 09:06	20°♋30'57	27°25'17
retrograde	-1876 Jul 16 j 01:44	27°♋52'16	
evening set	-1876 Jul 23 j 06:13	25°♋14'29	
min. Earth dist.	-1876 Jul 26 j 20:36	22°♋07'25	0.63362 AU
inferior conj	-1876 Jul 29 j 13:09	19°♋24'56	-3°-47'-58
minimum elong	-1876 Jul 29 j 17:23	19°♋14'14	3°47'00
morning rise	-1876 Aug 05 j 06:40	14°♋08'53	
direct	-1876 Aug 07 j 19:44	13°♋37'42	
asc. node	-1876 Aug 12 j 01:57	15°♋05'43	
morning max el	-1876 Aug 14 j 09:40	17°♋02'31	17°55'21
	-1876 Aug 23 j 15:23	0°♌	
morning set	-1876 Aug 31 j 01:19	12°♌48'24	
	-1876 Sep 10 j 01:08	0°♍	
superior conj	-1876 Sep 12 j 03:58	3°♍32'11	1°01'32
minimum elong	-1876 Sep 12 j 09:18	3°♍54'19	1°00'54
max. Earth dist.	-1876 Sep 18 j 10:25	13°♍46'20	1.43754 AU
desc. node	-1876 Sep 22 j 01:04	19°♍31'40	
evening rise	-1876 Sep 27 j 22:11	28°♍43'07	
	-1876 Sep 28 j 18:07	0°♎	
	-1876 Oct 19 j 01:54	0°♏	
greatest brilliancy	-1876 Oct 21 j 04:33	2°♏48'49	-0.5m
evening max el	-1876 Oct 26 j 21:04	9°♏32'55	20°51'11
retrograde	-1876 Nov 04 j 04:26	14°♏28'08	
evening set	-1876 Nov 08 j 01:37	13°♏02'02	
asc. node	-1876 Nov 08 j 01:06	13°♏02'59	
inferior conj	-1876 Nov 13 j 12:15	6°♏49'35	1°48'04
minimum elong	-1876 Nov 13 j 09:59	6°♏57'18	1°47'12
min. Earth dist.	-1876 Nov 14 j 00:23	6°♏08'07	0.67166 AU
morning rise	-1876 Nov 18 j 17:57	0°♏33'19	
	-1876 Nov 19 j 10:09	30°℞♎	
direct	-1876 Nov 24 j 01:59	28°♎15'11	
	-1876 Nov 29 j 07:13	0°♏	
morning max el	-1876 Dec 05 j 01:09	4°♏47'37	24°06'20
desc. node	-1876 Dec 19 j 00:26	22°♏07'39	
	-1876 Dec 24 j 11:17	0°♐	
morning set	-1875 Jan 09 j 16:57	25°♐59'57	
	-1875 Jan 12 j 00:02	0°♑	
max. Earth dist.	-1875 Jan 13 j 14:01	2°♑48'34	1.38256 AU
superior conj	-1875 Jan 20 j 16:57	15°♑58'42	-1°-49'-56
minimum elong	-1875 Jan 20 j 19:52	16°♑12'36	1°49'48
	-1875 Jan 27 j 21:39	0°♒	
evening rise	-1875 Jan 29 j 14:00	3°♒18'43	
asc. node	-1875 Feb 04 j 00:25	13°♒43'59	
evening max el	-1875 Feb 15 j 02:57	29°♒58'54	18°57'06
	-1875 Feb 15 j 03:24	0°♓	
retrograde	-1875 Feb 23 j 12:55	4°♓01'57	
evening set	-1875 Feb 25 j 20:38	3°♓44'43	
	-1875 Mar 05 j 01:45	30°℞♒	
inferior conj	-1875 Mar 05 j 19:51	29°♒27'58	2°48'28
minimum elong	-1875 Mar 06 j 00:29	29°♒19'43	2°47'20
min. Earth dist.	-1875 Mar 09 j 00:24	27°♒12'36	0.57219 AU
morning rise	-1875 Mar 14 j 00:16	24°♒23'18	
desc. node	-1875 Mar 16 j 23:36	23°♒29'02	
direct	-1875 Mar 19 j 07:54	23°♒15'42	
	-1875 Apr 01 j 21:44	0°♓	
morning max el	-1875 Apr 02 j 14:43	0°♓40'10	25°45'22
	-1875 Apr 23 j 02:24	0°♈	
morning set	-1875 Apr 30 j 05:03	14°♈07'40	
asc. node	-1875 May 02 j 23:47	20°♈03'21	
superior conj	-1875 May 07 j 06:01	29°♈20'17	0°43'32
minimum elong	-1875 May 07 j 04:13	29°♈10'29	0°43'11
	-1875 May 07 j 13:17	0°♉	
max. Earth dist.	-1875 May 08 j 00:12	0°♉59'32	1.32696 AU
evening rise	-1875 May 14 j 08:59	14°♉35'02	
	-1875 May 22 j 07:00	0°♊	
	-1875 Jun 11 j 16:50	0°♋	
desc. node	-1875 Jun 12 j 22:46	1°♋19'25	
evening max el	-1875 Jun 14 j 15:21	3°♋00'15	27°07'41
retrograde	-1875 Jun 28 j 13:36	10°♋20'05	
evening set	-1875 Jul 05 j 14:00	8°♋04'47	
min. Earth dist.	-1875 Jul 09 j 05:14	5°♋19'55	0.61484 AU
inferior conj	-1875 Jul 12 j 09:12	2°♋30'50	-4°-20'-7
minimum elong	-1875 Jul 12 j 12:16	2°♋24'00	4°19'43
	-1875 Jul 15 j 08:35	30°℞♊	
morning rise	-1875 Jul 19 j 13:23	27°♊35'42	
direct	-1875 Jul 22 j 00:38	27°♊10'13	
	-1875 Jul 28 j 07:13	0°♋	
morning max el	-1875 Jul 28 j 23:38	0°♋38'09	17°59'36
asc. node	-1875 Jul 29 j 23:00	1°♋38'20	
morning set	-1875 Aug 13 j 22:46	25°♋45'18	
	-1875 Aug 16 j 06:23	0°♌	
superior conj	-1875 Aug 24 j 09:56	14°♌36'13	1°29'37
minimum elong	-1875 Aug 24 j 14:23	14°♌55'39	1°29'15
max. Earth dist.	-1875 Aug 31 j 21:11	27°♌17'56	1.42247 AU
	-1875 Sep 02 j 12:35	0°♍	
evening rise	-1875 Sep 07 j 09:16	7°♍49'28	
desc. node	-1875 Sep 08 j 22:06	10°♍14'39	
	-1875 Sep 21 j 23:48	0°♎	
greatest brilliancy	-1875 Oct 04 j 22:14	17°♎37'18	-0.3m
evening max el	-1875 Oct 09 j 16:16	22°♎59'49	22°05'27
retrograde	-1875 Oct 19 j 00:25	28°♎33'07	
evening set	-1875 Oct 23 j 09:32	26°♎49'27	
asc. node	-1875 Oct 25 j 22:09	24°♎16'18	
inferior conj	-1875 Oct 28 j 18:40	20°♎30'14	0°58'19
minimum elong	-1875 Oct 28 j 17:21	20°♎34'48	0°57'46
min. Earth dist.	-1875 Oct 28 j 20:04	20°♎25'24	0.67498 AU
morning rise	-1875 Nov 03 j 00:58	14°♎14'37	
direct	-1875 Nov 07 j 17:47	12°♎18'21	
morning max el	-1875 Nov 17 j 11:41	18°♎06'01	22°39'06
greatest brilliancy	-1875 Nov 22 j 04:03	23°♎21'16	-0.3m
	-1875 Nov 27 j 08:17	0°♏	
desc. node	-1875 Dec 05 j 21:28	12°♏03'17	
	-1875 Dec 17 j 14:55	0°♐	
morning set	-1875 Dec 21 j 08:13	6°♐00'42	
max. Earth dist.	-1875 Dec 26 j 09:52	14°♐28'25	1.40357 AU
superior conj	-1874 Jan 03 j 04:50	28°♐09'20	-1°-58'-24
minimum elong	-1874 Jan 03 j 05:33	28°♐12'36	1°58'27
	-1874 Jan 04 j 05:11	0°♑	
evening rise	-1874 Jan 13 j 02:54	16°♑39'10	
	-1874 Jan 20 j 08:56	0°♒	
asc. node	-1874 Jan 21 j 21:27	2°♒34'52	
evening max el	-1874 Jan 29 j 07:51	12°♒37'31	18°22'49
retrograde	-1874 Feb 05 j 15:46	16°♒14'37	
evening set	-1874 Feb 08 j 03:30	15°♒50'45	
inferior conj	-1874 Feb 15 j 10:02	11°♒13'24	3°37'58
minimum elong	-1874 Feb 15 j 12:55	11°♒07'25	3°37'34
min. Earth dist.	-1874 Feb 18 j 20:02	8°♒24'35	0.59152 AU
morning rise	-1874 Feb 22 j 18:47	5°♒43'36	
direct	-1874 Mar 01 j 02:45	3°♒57'36	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1874 Mar 03 j 20:39	4°♒16'59	
morning max el	-1874 Mar 15 j 09:43	11°♒37'03	26°58'09
	-1874 Mar 29 j 18:06	0°♓	
morning set	-1874 Apr 14 j 15:07	29°♓01'21	
	-1874 Apr 15 j 02:20	0°♈	
asc. node	-1874 Apr 19 j 20:51	10°♈14'43	
superior conj	-1874 Apr 21 j 17:48	14°♈20'48	0°19'40
minimum elong	-1874 Apr 21 j 16:56	14°♈16'02	0°19'29
max. Earth dist.	-1874 Apr 21 j 13:11	13°♈55'27	1.32451 AU
evening rise	-1874 Apr 28 j 17:27	29°♈26'37	
	-1874 Apr 28 j 23:50	0°♉	
	-1874 May 15 j 15:35	0°♊	
evening max el	-1874 May 27 j 15:49	14°♊48'09	26°17'35
desc. node	-1874 May 30 j 19:48	17°♊33'17	
retrograde	-1874 Jun 10 j 17:21	22°♊04'03	
evening set	-1874 Jun 17 j 01:42	20°♊23'45	
min. Earth dist.	-1874 Jun 21 j 04:53	17°♊44'40	0.59440 AU
inferior conj	-1874 Jun 24 j 13:30	15°♊08'34	-4°-33'-2
minimum elong	-1874 Jun 24 j 13:38	15°♊08'18	4°33'02
morning rise	-1874 Jul 02 j 05:07	10°♊35'41	
direct	-1874 Jul 04 j 16:27	10°♊14'09	
morning max el	-1874 Jul 12 j 09:15	13°♊55'49	18°23'22
asc. node	-1874 Jul 16 j 20:05	19°♊13'32	
	-1874 Jul 23 j 09:47	0°♋	
morning set	-1874 Jul 28 j 10:10	9°♋24'01	
superior conj	-1874 Aug 06 j 16:07	26°♋52'51	1°44'25
minimum elong	-1874 Aug 06 j 18:13	27°♋02'31	1°44'21
	-1874 Aug 08 j 09:04	0°♌	
max. Earth dist.	-1874 Aug 14 j 02:33	10°♌08'12	1.40381 AU
evening rise	-1874 Aug 18 j 17:10	17°♌55'24	
	-1874 Aug 26 j 05:53	0°♍	
desc. node	-1874 Aug 26 j 19:08	0°♍51'21	
	-1874 Sep 16 j 12:06	0°♎	
evening max el	-1874 Sep 22 j 06:42	6°♎28'53	23°25'23
retrograde	-1874 Oct 02 j 17:30	12°♎39'28	
evening set	-1874 Oct 07 j 16:25	10°♎36'59	
min. Earth dist.	-1874 Oct 12 j 16:40	4°♎45'11	0.67521 AU
asc. node	-1874 Oct 12 j 19:14	4°♎36'23	
inferior conj	-1874 Oct 13 j 01:32	4°♎14'48	0°05'26
minimum elong	-1874 Oct 13 j 01:24	4°♎15'14	0°05'22
transit middle	-1874 Oct 13 j 01:24	4°♎15'14	0°05'22
transit begin	-1874 Oct 12 j 22:50	4°♎24'00	
transit end	-1874 Oct 13 j 03:57	4°♎06'29	
	-1874 Oct 16 j 09:06	30°℞♍	
morning rise	-1874 Oct 18 j 10:26	28°♍02'45	
direct	-1874 Oct 22 j 13:08	26°♍28'19	
	-1874 Oct 29 j 13:17	0°♎	
morning max el	-1874 Oct 31 j 03:30	1°♎31'27	21°16'47
greatest brilliancy	-1874 Nov 05 j 11:19	7°♎41'00	-0.4m
	-1874 Nov 21 j 05:46	0°♏	
desc. node	-1874 Nov 22 j 18:30	2°♏18'29	
morning set	-1874 Nov 30 j 19:32	14°♏42'57	
max. Earth dist.	-1874 Dec 08 j 12:13	27°♏03'52	1.42308 AU
	-1874 Dec 10 j 06:57	0°♐	
superior conj	-1874 Dec 15 j 18:39	9°♐14'59	-1°-54'-34
minimum elong	-1874 Dec 15 j 15:27	9°♐01'16	1°54'28
evening rise	-1874 Dec 27 j 02:39	29°♐19'01	
	-1874 Dec 27 j 11:43	0°♑	
asc. node	-1873 Jan 08 j 18:30	20°♑48'36	
evening max el	-1873 Jan 12 j 18:02	25°♑38'15	18°08'22
retrograde	-1873 Jan 19 j 11:09	29°♑04'51	
evening set	-1873 Jan 22 j 02:33	28°♑33'06	
inferior conj	-1873 Jan 28 j 19:20	23°♑33'42	3°55'59
minimum elong	-1873 Jan 28 j 19:41	23°♑32'50	3°55'56
min. Earth dist.	-1873 Jan 31 j 22:04	20°♑36'03	0.61216 AU
morning rise	-1873 Feb 04 j 10:16	17°♑46'44	
direct	-1873 Feb 11 j 08:03	15°♑25'57	
desc. node	-1873 Feb 18 j 17:43	17°♑47'50	
morning max el	-1873 Feb 25 j 10:53	23°♑12'07	27°38'36
	-1873 Mar 03 j 13:08	0°♒	
	-1873 Mar 22 j 21:16	0°♓	
morning set	-1873 Mar 29 j 21:27	13°♓41'25	
max. Earth dist.	-1873 Apr 05 j 01:16	26°♓45'39	1.32564 AU
superior conj	-1873 Apr 06 j 04:52	29°♓15'59	0°-5'-43
minimum elong	-1873 Apr 06 j 05:08	29°♓17'24	0°05'40
behind sun begin	-1873 Apr 06 j 00:22	28°♓51'25	
behind sun end	-1873 Apr 06 j 09:53	29°♓43'23	
asc. node	-1873 Apr 06 j 17:53	0°♈27'03	
	-1873 Apr 06 j 12:56	0°♈	
evening rise	-1873 Apr 13 j 04:30	14°♈23'00	
	-1873 Apr 21 j 01:46	0°♉	
evening max el	-1873 May 09 j 10:00	25°♉54'10	25°00'17
	-1873 May 14 j 11:24	0°♊	
desc. node	-1873 May 17 j 16:52	1°♊45'35	
retrograde	-1873 May 23 j 10:22	3°♊01'13	
evening set	-1873 May 28 j 14:48	1°♊59'34	
	-1873 Jun 01 j 13:38	30°℞♉	
min. Earth dist.	-1873 Jun 02 j 21:53	29°♉09'27	0.57482 AU
inferior conj	-1873 Jun 05 j 22:38	27°♉07'31	-4°-15'-59
minimum elong	-1873 Jun 05 j 18:38	27°♉14'17	4°15'29
morning rise	-1873 Jun 14 j 02:24	22°♉55'49	
direct	-1873 Jun 16 j 15:00	22°♉37'09	
morning max el	-1873 Jun 25 j 11:30	26°♉45'12	19°07'41
	-1873 Jun 28 j 11:25	0°♊	
asc. node	-1873 Jul 03 j 17:11	7°♊36'32	
morning set	-1873 Jul 12 j 07:27	23°♊33'17	
	-1873 Jul 15 j 13:23	0°♋	
superior conj	-1873 Jul 20 j 16:45	10°♋05'33	1°48'13
minimum elong	-1873 Jul 20 j 16:37	10°♋04'57	1°48'16
max. Earth dist.	-1873 Jul 27 j 05:15	22°♋19'18	1.38399 AU
evening rise	-1873 Jul 31 j 02:34	29°♋14'23	
	-1873 Jul 31 j 13:04	0°♌	
desc. node	-1873 Aug 13 j 16:10	21°♌16'51	
	-1873 Aug 19 j 14:58	0°♍	
evening max el	-1873 Sep 04 j 18:25	20°♍00'58	24°44'33
retrograde	-1873 Sep 16 j 06:39	26°♍43'29	
evening set	-1873 Sep 21 j 20:32	24°♍22'30	
min. Earth dist.	-1873 Sep 26 j 11:41	19°♍05'31	0.67231 AU
inferior conj	-1873 Sep 27 j 07:04	18°♍01'04	0°-49'-3
minimum elong	-1873 Sep 27 j 08:16	17°♍57'06	0°48'34
asc. node	-1873 Sep 29 j 16:18	14°♍58'17	
morning rise	-1873 Oct 02 j 20:22	11°♍55'40	
direct	-1873 Oct 06 j 10:43	10°♍41'04	
morning max el	-1873 Oct 14 j 02:45	15°♍06'40	20°05'12
greatest brilliancy	-1873 Oct 21 j 06:30	23°♍52'56	-0.6m
	-1873 Oct 25 j 13:59	0°♎	
morning set	-1873 Nov 09 j 16:49	22°♎52'24	
desc. node	-1873 Nov 09 j 15:33	22°♎47'30	
	-1873 Nov 14 j 06:45	0°♏	
max. Earth dist.	-1873 Nov 20 j 22:36	10°♏31'46	1.43828 AU
superior conj	-1873 Nov 26 j 05:44	19°♏05'20	-1°-34'-21
minimum elong	-1873 Nov 25 j 22:37	18°♏36'17	1°33'47
	-1873 Dec 02 j 19:41	0°♐	
evening rise	-1873 Dec 09 j 09:01	11°♐10'11	
	-1873 Dec 20 j 13:39	0°♑	
asc. node	-1873 Dec 26 j 15:33	8°♑14'07	
evening max el	-1873 Dec 27 j 06:30	8°♑53'16	18°13'14
retrograde	-1872 Jan 02 j 18:47	12°♑22'30	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1872 Jan 05 j 13:58	11°♉42'00	
inferior conj	-1872 Jan 11 j 20:03	6°♉21'41	3°50'43
minimum elong	-1872 Jan 11 j 18:27	6°♉26'02	3°50'32
min. Earth dist.	-1872 Jan 14 j 09:13	3°♉37'07	0.63126 AU
morning rise	-1872 Jan 17 j 21:12	0°♉22'58	
	-1872 Jan 18 j 09:29	30°℞♐	
direct	-1872 Jan 24 j 21:43	27°♐39'41	
	-1872 Feb 01 j 00:40	0°♉	
desc. node	-1872 Feb 05 j 14:45	3°♉28'26	
morning max el	-1872 Feb 07 j 17:32	5°♉27'45	27°42'25
	-1872 Feb 26 j 08:02	0°♒	
morning set	-1872 Mar 12 j 21:48	28°♒00'18	
	-1872 Mar 13 j 21:31	0°♓	
max. Earth dist.	-1872 Mar 18 j 08:31	9°♓16'27	1.33055 AU
superior conj	-1872 Mar 20 j 13:32	14°♓00'04	0°-31'-43
minimum elong	-1872 Mar 20 j 15:00	14°♓07'59	0°31'25
asc. node	-1872 Mar 23 j 14:56	20°♓36'28	
evening rise	-1872 Mar 27 j 16:17	29°♓17'29	
	-1872 Mar 28 j 00:22	0°♈	
	-1872 Apr 14 j 06:02	0°♉	
evening max el	-1872 Apr 20 j 01:06	6°♉34'19	23°27'34
retrograde	-1872 May 03 j 14:59	13°♉20'25	
desc. node	-1872 May 03 j 13:53	13°♉20'25	
evening set	-1872 May 07 j 09:55	12°♉48'53	
min. Earth dist.	-1872 May 14 j 11:36	9°♉34'15	0.55937 AU
inferior conj	-1872 May 16 j 11:42	8°♉22'47	-3°-18'-10
minimum elong	-1872 May 16 j 05:04	8°♉32'41	3°16'30
morning rise	-1872 May 25 j 03:41	4°♉25'49	
direct	-1872 May 27 j 18:24	4°♉08'57	
morning max el	-1872 Jun 07 j 03:56	8°♉57'48	20°12'46
asc. node	-1872 Jun 19 j 14:15	26°♉35'58	
	-1872 Jun 21 j 09:42	0°♊	
morning set	-1872 Jun 25 j 11:37	8°♊05'08	
superior conj	-1872 Jul 03 j 06:42	23°♊59'58	1°43'30
minimum elong	-1872 Jul 03 j 05:03	23°♊51'39	1°43'27
	-1872 Jul 06 j 07:07	0°♋	
max. Earth dist.	-1872 Jul 08 j 10:19	4°♋08'22	1.36541 AU
evening rise	-1872 Jul 12 j 10:45	11°♋40'33	
	-1872 Jul 23 j 02:38	0°♌	
desc. node	-1872 Jul 30 j 13:11	11°♌25'33	
	-1872 Aug 13 j 19:20	0°♍	
evening max el	-1872 Aug 17 j 05:28	3°♍34'46	25°55'20
retrograde	-1872 Aug 29 j 15:15	10°♍40'17	
evening set	-1872 Sep 04 j 19:57	8°♍03'50	
min. Earth dist.	-1872 Sep 09 j 02:43	3°♍23'58	0.66613 AU
inferior conj	-1872 Sep 10 j 09:30	1°♍46'44	-1°-43'-32
minimum elong	-1872 Sep 10 j 12:01	1°♍38'47	1°42'32
	-1872 Sep 11 j 19:53	30°℞♌	
asc. node	-1872 Sep 15 j 13:23	26°♌16'46	
morning rise	-1872 Sep 16 j 04:51	25°♌51'01	
direct	-1872 Sep 19 j 08:59	24°♌53'04	
morning max el	-1872 Sep 26 j 09:12	28°♌50'30	19°07'35
	-1872 Sep 27 j 11:18	0°♍	
	-1872 Oct 17 j 23:08	0°♎	
morning set	-1872 Oct 19 j 00:04	1°♎37'45	
desc. node	-1872 Oct 26 j 12:33	13°♎25'23	
max. Earth dist.	-1872 Nov 02 j 14:24	24°♎32'55	1.44727 AU
superior conj	-1872 Nov 04 j 15:42	27°♎47'40	0°-56'-43
minimum elong	-1872 Nov 04 j 08:56	27°♎20'52	0°55'56
	-1872 Nov 06 j 01:07	0°♏	
evening rise	-1872 Nov 19 j 17:30	22°♏03'29	
	-1872 Nov 24 j 13:43	0°♐	
evening max el	-1872 Dec 09 j 18:28	22°♐15'27	18°36'36
asc. node	-1872 Dec 12 j 12:35	24°♐36'58	
retrograde	-1872 Dec 16 j 10:13	25°♐58'08	
evening set	-1872 Dec 19 j 10:14	25°♐07'35	
inferior conj	-1872 Dec 25 j 08:17	19°♐28'51	3°29'06
minimum elong	-1872 Dec 25 j 05:36	19°♐36'50	3°28'34
min. Earth dist.	-1872 Dec 27 j 06:21	17°♐12'00	0.64727 AU
morning rise	-1872 Dec 30 j 23:46	13°♐21'56	
direct	-1871 Jan 06 j 18:29	10°♐30'55	
morning max el	-1871 Jan 20 j 02:58	18°♐13'58	27°11'41
desc. node	-1871 Jan 22 j 11:48	20°♐42'43	
	-1871 Jan 30 j 02:08	0°♑	
	-1871 Feb 18 j 05:28	0°♒	
morning set	-1871 Feb 24 j 13:10	11°♒47'45	
max. Earth dist.	-1871 Mar 01 j 06:52	21°♒15'11	1.33959 AU
superior conj	-1871 Mar 04 j 17:49	28°♒26'06	0°-57'-17
minimum elong	-1871 Mar 04 j 20:25	28°♒39'45	0°56'51
	-1871 Mar 05 j 11:38	0°♓	
asc. node	-1871 Mar 10 j 11:57	10°♓38'12	
evening rise	-1871 Mar 12 j 02:57	14°♓03'04	
	-1871 Mar 20 j 07:06	0°♈	
evening max el	-1871 Apr 01 j 19:48	17°♈17'24	21°54'05
retrograde	-1871 Apr 14 j 08:32	23°♈23'33	
evening set	-1871 Apr 17 j 00:53	23°♈07'30	
desc. node	-1871 Apr 20 j 10:54	22°♈04'52	
inferior conj	-1871 Apr 26 j 09:48	19°♈02'51	-1°-39'-22
minimum elong	-1871 Apr 26 j 05:17	19°♈09'13	1°37'51
min. Earth dist.	-1871 Apr 26 j 00:59	19°♈15'14	0.55129 AU
morning rise	-1871 May 05 j 10:53	15°♈05'40	
direct	-1871 May 08 j 07:38	14°♈47'25	
morning max el	-1871 May 20 j 09:29	20°♈28'36	21°36'42
	-1871 May 28 j 06:32	0°♉	
asc. node	-1871 Jun 06 j 11:18	16°♉02'43	
morning set	-1871 Jun 09 j 20:18	22°♉52'54	
	-1871 Jun 13 j 05:57	0°♊	
superior conj	-1871 Jun 17 j 05:59	8°♊24'10	1°32'18
minimum elong	-1871 Jun 17 j 03:33	8°♊11'30	1°32'04
max. Earth dist.	-1871 Jun 20 j 23:07	16°♊01'49	1.34981 AU
evening rise	-1871 Jun 25 j 12:40	25°♊00'51	
	-1871 Jun 28 j 04:14	0°♋	
	-1871 Jul 16 j 14:11	0°♌	
desc. node	-1871 Jul 17 j 10:11	1°♌10'03	
evening max el	-1871 Jul 30 j 16:58	17°♌05'42	26°49'54
retrograde	-1871 Aug 12 j 18:56	24°♌23'47	
evening set	-1871 Aug 19 j 12:28	21°♌38'29	
min. Earth dist.	-1871 Aug 23 j 11:33	17°♌36'44	0.65639 AU
inferior conj	-1871 Aug 25 j 06:51	15°♌29'18	-2°-36'-1
minimum elong	-1871 Aug 25 j 10:30	15°♌18'34	2°34'44
morning rise	-1871 Aug 31 j 09:47	9°♌46'19	
asc. node	-1871 Sep 02 j 10:27	9°♌05'05	
direct	-1871 Sep 03 j 06:05	9°♌01'22	
morning max el	-1871 Sep 09 j 21:08	12°♌39'47	18°25'54
	-1871 Sep 22 j 04:19	0°♍	
morning set	-1871 Sep 29 j 09:19	11°♍41'31	
	-1871 Oct 10 j 18:40	0°♎	
desc. node	-1871 Oct 13 j 09:34	4°♎09'05	
superior conj	-1871 Oct 14 j 15:37	6°♎07'45	0°-8'-6
minimum elong	-1871 Oct 14 j 14:33	6°♎03'32	0°07'58
behind sun begin	-1871 Oct 14 j 04:38	5°♎24'22	
behind sun end	-1871 Oct 15 j 00:29	6°♎42'41	
max. Earth dist.	-1871 Oct 16 j 08:31	8°♎48'53	1.44913 AU
	-1871 Oct 29 j 20:13	0°♏	
evening rise	-1871 Oct 31 j 01:40	1°♏55'47	
greatest brilliancy	-1871 Nov 13 j 05:35	22°♏27'10	-0.7m
	-1871 Nov 18 j 11:03	0°♐	
evening max el	-1871 Nov 23 j 03:41	5°♐41'27	19°17'13

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1871 Nov 29 j 09:37	9°♐42'20	
retrograde	-1871 Nov 30 j 05:58	9°♐46'23	
evening set	-1871 Dec 03 j 12:32	8°♐43'56	
inferior conj	-1871 Dec 09 j 04:45	2°♐49'43	2°55'59
minimum elong	-1871 Dec 09 j 01:47	2°♐59'12	2°55'09
min. Earth dist.	-1871 Dec 10 j 12:30	1°♐08'15	0.65964 AU
	-1871 Dec 11 j 10:26	30°℞♏	
morning rise	-1871 Dec 14 j 14:11	26°♏37'18	
direct	-1871 Dec 20 j 21:35	23°♏51'58	
	-1870 Jan 01 j 04:21	0°♐	
morning max el	-1870 Jan 02 j 12:30	1°♐18'07	26°12'58
desc. node	-1870 Jan 09 j 08:51	9°♐03'33	
	-1870 Jan 24 j 03:34	0°♑	
morning set	-1870 Feb 07 j 15:36	24°♑51'35	
	-1870 Feb 10 j 08:45	0°♒	
max. Earth dist.	-1870 Feb 11 j 17:24	2°♒38'02	1.35312 AU
superior conj	-1870 Feb 16 j 15:24	12°♒27'06	-1°-21'-3
minimum elong	-1870 Feb 16 j 18:46	12°♒44'18	1°20'37
evening rise	-1870 Feb 24 j 10:37	28°♒33'39	
asc. node	-1870 Feb 25 j 08:58	0°♓27'48	
	-1870 Feb 25 j 03:30	0°♓	
evening max el	-1870 Mar 14 j 23:51	28°♓28'32	20°31'28
	-1870 Mar 16 j 17:19	0°♈	
retrograde	-1870 Mar 25 j 22:03	3°♈41'57	
evening set	-1870 Mar 28 j 03:27	3°♈29'51	
	-1870 Apr 05 j 10:10	30°℞♓	
inferior conj	-1870 Apr 06 j 05:13	29°♓32'23	0°18'50
minimum elong	-1870 Apr 06 j 06:05	29°♓31'08	0°18'31
desc. node	-1870 Apr 07 j 07:58	28°♓53'27	
min. Earth dist.	-1870 Apr 07 j 15:02	28°♓43'13	0.55263 AU
morning rise	-1870 Apr 15 j 06:45	25°♓16'13	
direct	-1870 Apr 18 j 19:53	24°♓48'49	
	-1870 Apr 30 j 17:10	0°♈	
morning max el	-1870 May 02 j 05:27	1°♈21'20	23°13'42
	-1870 May 21 j 11:18	0°♉	
asc. node	-1870 May 24 j 08:19	5°♉49'06	
morning set	-1870 May 25 j 07:33	7°♉50'00	
superior conj	-1870 Jun 01 j 11:29	23°♉07'50	1°16'10
minimum elong	-1870 Jun 01 j 08:55	22°♉54'08	1°15'48
max. Earth dist.	-1870 Jun 03 j 21:46	28°♉17'00	1.33801 AU
	-1870 Jun 04 j 17:26	0°♊	
evening rise	-1870 Jun 09 j 03:30	9°♊00'47	
	-1870 Jun 20 j 14:50	0°♋	
desc. node	-1870 Jul 04 j 07:12	20°♋19'20	
	-1870 Jul 12 j 18:38	0°♌	
evening max el	-1870 Jul 13 j 04:17	0°♌23'20	27°20'48
retrograde	-1870 Jul 26 j 16:59	7°♌44'59	
evening set	-1870 Aug 02 j 19:13	5°♌01'05	
min. Earth dist.	-1870 Aug 06 j 12:02	1°♌35'29	0.64295 AU
	-1870 Aug 07 j 23:47	30°℞♋	
inferior conj	-1870 Aug 08 j 20:44	29°♋03'20	-3°-23'-54
minimum elong	-1870 Aug 09 j 01:01	28°♋51'50	3°22'43
morning rise	-1870 Aug 15 j 08:35	23°♋36'16	
direct	-1870 Aug 17 j 23:33	23°♋00'55	
asc. node	-1870 Aug 20 j 07:31	23°♋28'57	
morning max el	-1870 Aug 24 j 11:58	26°♋28'31	18°01'18
	-1870 Aug 27 j 12:38	0°♌	
morning set	-1870 Sep 10 j 22:06	23°♌04'58	
	-1870 Sep 15 j 00:07	0°♍	
superior conj	-1870 Sep 24 j 03:45	15°♍07'17	0°39'07
minimum elong	-1870 Sep 24 j 07:59	15°♍24'25	0°38'33
max. Earth dist.	-1870 Sep 29 j 02:02	23°♍01'48	1.44375 AU
desc. node	-1870 Sep 30 j 06:35	24°♍55'03	
	-1870 Oct 03 j 12:00	0°♎	
evening rise	-1870 Oct 10 j 13:30	10°♎58'51	
	-1870 Oct 23 j 01:29	0°♏	
greatest brilliancy	-1870 Oct 30 j 15:37	10°♏56'09	-0.6m
evening max el	-1870 Nov 06 j 08:13	19°♏08'41	20°13'13
retrograde	-1870 Nov 14 j 03:18	23°♏43'27	
asc. node	-1870 Nov 16 j 06:40	23°♏17'05	
evening set	-1870 Nov 17 j 18:33	22°♏26'40	
inferior conj	-1870 Nov 23 j 06:47	16°♏20'07	2°14'40
minimum elong	-1870 Nov 23 j 04:07	16°♏29'01	2°13'43
min. Earth dist.	-1870 Nov 24 j 01:41	15°♏16'41	0.66831 AU
morning rise	-1870 Nov 28 j 13:07	10°♏04'43	
direct	-1870 Dec 04 j 06:08	7°♏34'47	
morning max el	-1870 Dec 15 j 20:58	14°♏29'46	24°55'28
desc. node	-1870 Dec 27 j 05:54	28°♏11'25	
	-1870 Dec 28 j 13:42	0°♐	
	-1869 Jan 17 j 00:07	0°♑	
morning set	-1869 Jan 20 j 23:49	6°♑56'32	
max. Earth dist.	-1869 Jan 24 j 17:10	13°♑41'07	1.37089 AU
superior conj	-1869 Jan 31 j 03:14	25°♑54'29	-1°-41'-5
minimum elong	-1869 Jan 31 j 06:39	26°♑11'14	1°40'49
	-1869 Feb 02 j 05:00	0°♒	
evening rise	-1869 Feb 08 j 13:10	12°♒42'57	
asc. node	-1869 Feb 12 j 05:59	20°♒00'09	
	-1869 Feb 17 j 19:30	0°♓	
evening max el	-1869 Feb 25 j 14:53	10°♓16'55	19°26'02
retrograde	-1869 Mar 06 j 20:28	14°♓41'33	
evening set	-1869 Mar 09 j 02:22	14°♓27'05	
inferior conj	-1869 Mar 17 j 11:56	10°♓20'20	2°03'16
minimum elong	-1869 Mar 17 j 16:19	10°♓13'09	2°01'57
min. Earth dist.	-1869 Mar 20 j 05:50	8°♓33'23	0.56301 AU
desc. node	-1869 Mar 25 j 05:01	5°♓54'12	
morning rise	-1869 Mar 26 j 02:34	5°♓34'00	
direct	-1869 Mar 30 j 18:04	4°♓44'54	
morning max el	-1869 Apr 13 j 20:26	11°♓54'29	24°52'58
	-1869 Apr 27 j 16:47	0°♈	
morning set	-1869 May 09 j 19:42	22°♈51'06	
asc. node	-1869 May 11 j 05:22	25°♈49'28	
	-1869 May 13 j 03:58	0°♉	
superior conj	-1869 May 16 j 20:57	8°♉03'37	0°56'18
minimum elong	-1869 May 16 j 18:45	7°♉51'43	0°55'56
max. Earth dist.	-1869 May 18 j 04:50	10°♉56'32	1.33002 AU
evening rise	-1869 May 24 j 03:28	23°♉28'45	
	-1869 May 27 j 09:53	0°♊	
	-1869 Jun 14 j 08:55	0°♋	
desc. node	-1869 Jun 21 j 04:14	8°♋38'28	
evening max el	-1869 Jun 25 j 13:24	13°♋14'58	27°21'51
retrograde	-1869 Jul 09 j 08:38	20°♋35'04	
evening set	-1869 Jul 16 j 12:37	18°♋05'31	
min. Earth dist.	-1869 Jul 20 j 02:35	15°♋09'17	0.62602 AU
inferior conj	-1869 Jul 23 j 00:18	12°♋22'19	-4°-3'-23
minimum elong	-1869 Jul 23 j 04:14	12°♋12'52	4°02'39
morning rise	-1869 Jul 29 j 22:13	7°♋14'30	
direct	-1869 Aug 01 j 10:19	6°♋45'54	
asc. node	-1869 Aug 07 j 04:35	9°♋19'02	
morning max el	-1869 Aug 08 j 03:02	10°♋10'54	17°54'44
	-1869 Aug 21 j 06:35	0°♌	
morning set	-1869 Aug 24 j 09:20	5°♌32'53	
superior conj	-1869 Sep 04 j 17:50	25°♌24'15	1°15'10
minimum elong	-1869 Sep 04 j 23:08	25°♌46'41	1°14'37
	-1869 Sep 07 j 11:28	0°♍	
max. Earth dist.	-1869 Sep 11 j 16:25	6°♍55'17	1.43181 AU
desc. node	-1869 Sep 17 j 03:36	15°♍40'12	
evening rise	-1869 Sep 19 j 19:25	19°♍50'13	
	-1869 Sep 26 j 10:23	0°♎	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

greatest brilliancy	-1869 Oct 15 j 03:39	26°♎39'18	-0.4m
	-1869 Oct 17 j 21:48	0°♏	
evening max el	-1869 Oct 20 j 06:56	2°♏36'02	21°21'48
retrograde	-1869 Oct 29 j 00:12	7°♏46'34	
evening set	-1869 Nov 02 j 02:18	6°♏13'07	
asc. node	-1869 Nov 03 j 03:44	5°♏18'05	
	-1869 Nov 07 j 11:25	30°℞♎	
inferior conj	-1869 Nov 07 j 12:08	29°♎57'32	1°27'27
minimum elong	-1869 Nov 07 j 10:14	0°♏04'03	1°26'40
min. Earth dist.	-1869 Nov 07 j 19:35	29°♎31'53	0.67352 AU
morning rise	-1869 Nov 12 j 17:51	23°♎41'28	
direct	-1869 Nov 17 j 19:25	21°♎32'27	
morning max el	-1869 Nov 28 j 05:55	27°♎45'31	23°29'05
	-1869 Nov 30 j 08:37	0°♏	
greatest brilliancy	-1869 Dec 04 j 04:47	4°♏31'17	-0.2m
desc. node	-1869 Dec 14 j 02:56	17°♏52'34	
	-1869 Dec 22 j 06:48	0°♐	
morning set	-1868 Jan 02 j 07:30	17°♐45'27	
max. Earth dist.	-1868 Jan 06 j 12:38	24°♐59'47	1.39150 AU
	-1868 Jan 09 j 08:24	0°♑	
superior conj	-1868 Jan 14 j 01:16	8°♑36'37	-1°-54'-47
minimum elong	-1868 Jan 14 j 03:28	8°♑46'55	1°54'44
evening rise	-1868 Jan 23 j 07:56	26°♑23'22	
	-1868 Jan 25 j 04:53	0°♒	
asc. node	-1868 Jan 30 j 03:02	9°♒08'19	
evening max el	-1868 Feb 08 j 15:23	22°♒38'38	18°40'04
retrograde	-1868 Feb 16 j 12:44	26°♒28'43	
evening set	-1868 Feb 18 j 22:17	26°♒08'45	
inferior conj	-1868 Feb 26 j 14:03	21°♒43'16	3°13'50
minimum elong	-1868 Feb 26 j 18:10	21°♒35'26	3°12'59
min. Earth dist.	-1868 Feb 29 j 22:41	19°♒11'12	0.58002 AU
morning rise	-1868 Mar 05 j 10:11	16°♒27'10	
direct	-1868 Mar 11 j 05:10	15°♒03'55	
desc. node	-1868 Mar 11 j 02:04	15°♒03'57	
morning max el	-1868 Mar 25 j 12:39	22°♒35'12	26°19'48
	-1868 Apr 01 j 02:31	0°♓	
	-1868 Apr 19 j 10:58	0°♈	
morning set	-1868 Apr 23 j 07:00	7°♈49'11	
asc. node	-1868 Apr 27 j 02:25	15°♈57'52	
superior conj	-1868 Apr 30 j 08:21	23°♈03'46	0°33'39
minimum elong	-1868 Apr 30 j 06:55	22°♈55'55	0°33'22
max. Earth dist.	-1868 Apr 30 j 16:52	23°♈50'25	1.32555 AU
	-1868 May 03 j 12:40	0°♉	
evening rise	-1868 May 07 j 09:31	8°♉13'45	
	-1868 May 18 j 20:41	0°♊	
evening max el	-1868 Jun 06 j 17:27	25°♊27'30	26°50'04
desc. node	-1868 Jun 07 j 01:16	25°♊45'58	
	-1868 Jun 12 j 09:52	0°♋	
retrograde	-1868 Jun 20 j 16:56	2°♋45'12	
evening set	-1868 Jun 27 j 12:20	0°♋43'30	
	-1868 Jun 28 j 16:08	30°℞♊	
min. Earth dist.	-1868 Jul 01 j 06:58	28°♊03'30	0.60633 AU
inferior conj	-1868 Jul 04 j 14:06	25°♊17'30	-4°-28'-30
minimum elong	-1868 Jul 04 j 16:09	25°♊13'11	4°28'20
morning rise	-1868 Jul 11 j 23:04	20°♊31'44	
direct	-1868 Jul 14 j 10:20	20°♊07'58	
morning max el	-1868 Jul 21 j 15:29	23°♊39'53	18°07'15
asc. node	-1868 Jul 24 j 01:40	26°♊20'08	
	-1868 Jul 26 j 18:13	0°♋	
morning set	-1868 Aug 06 j 13:17	18°♋49'18	
	-1868 Aug 12 j 13:44	0°♌	
superior conj	-1868 Aug 16 j 10:48	7°♌01'22	1°37'24
minimum elong	-1868 Aug 16 j 14:19	7°♌17'02	1°37'11
max. Earth dist.	-1868 Aug 24 j 01:21	20°♌12'19	1.41487 AU
evening rise	-1868 Aug 29 j 14:03	29°♌18'22	
	-1868 Aug 30 j 00:23	0°♍	
desc. node	-1868 Sep 03 j 00:38	6°♍21'09	
	-1868 Sep 19 j 00:48	0°♎	
greatest brilliancy	-1868 Sep 27 j 03:40	10°♎38'07	-0.3m
evening max el	-1868 Oct 01 j 23:51	16°♎03'46	22°39'04
retrograde	-1868 Oct 11 j 19:06	21°♎53'11	
evening set	-1868 Oct 16 j 10:01	20°♎01'18	
asc. node	-1868 Oct 20 j 00:47	16°♎03'32	
inferior conj	-1868 Oct 21 j 18:57	13°♎40'17	0°36'11
minimum elong	-1868 Oct 21 j 18:07	13°♎43'11	0°35'48
min. Earth dist.	-1868 Oct 21 j 15:52	13°♎50'56	0.67546 AU
morning rise	-1868 Oct 27 j 02:09	7°♎26'05	
direct	-1868 Oct 31 j 12:43	5°♎39'28	
morning max el	-1868 Nov 09 j 18:30	11°♎07'29	22°03'09
greatest brilliancy	-1868 Nov 14 j 12:35	16°♎30'05	-0.4m
	-1868 Nov 24 j 13:11	0°♏	
desc. node	-1868 Nov 30 j 00:00	7°♏57'44	
morning set	-1868 Dec 12 j 10:20	27°♏10'52	
	-1868 Dec 14 j 04:13	0°♐	
max. Earth dist.	-1868 Dec 18 j 11:17	7°♐04'42	1.41223 AU
superior conj	-1868 Dec 26 j 04:27	20°♐21'19	-1°-58'-32
minimum elong	-1868 Dec 26 j 03:41	20°♐17'55	1°58'35
	-1868 Dec 31 j 12:54	0°♑	
evening rise	-1867 Jan 05 j 15:47	9°♑28'08	
asc. node	-1867 Jan 16 j 00:04	27°♑44'48	
	-1867 Jan 17 j 12:04	0°♒	
evening max el	-1867 Jan 21 j 22:49	5°♒27'16	18°14'11
retrograde	-1867 Jan 28 j 23:17	8°♒58'34	
evening set	-1867 Jan 31 j 12:29	8°♒31'32	
inferior conj	-1867 Feb 07 j 12:45	3°♒44'34	3°48'59
minimum elong	-1867 Feb 07 j 14:33	3°♒40'35	3°48'48
min. Earth dist.	-1867 Feb 10 j 20:42	0°♒49'01	0.60030 AU
	-1867 Feb 11 j 20:43	30°℞♑	
morning rise	-1867 Feb 14 j 13:28	28°♑06'16	
direct	-1867 Feb 21 j 04:29	26°♑04'40	
desc. node	-1867 Feb 25 j 23:09	27°♑03'45	
	-1867 Mar 03 j 01:01	0°♒	
morning max el	-1867 Mar 07 j 10:26	3°♒47'54	27°19'50
	-1867 Mar 26 j 16:21	0°♓	
morning set	-1867 Apr 07 j 15:44	22°♓37'54	
	-1867 Apr 11 j 03:20	0°♈	
asc. node	-1867 Apr 13 j 23:28	6°♈09'56	
max. Earth dist.	-1867 Apr 14 j 05:57	6°♈45'22	1.32454 AU
superior conj	-1867 Apr 14 j 20:01	8°♈02'22	0°09'02
minimum elong	-1867 Apr 14 j 19:36	8°♈00'08	0°08'58
behind sun begin	-1867 Apr 14 j 15:26	7°♈37'21	
behind sun end	-1867 Apr 14 j 23:46	8°♈22'56	
evening rise	-1867 Apr 21 j 19:17	23°♈07'44	
	-1867 Apr 25 j 03:30	0°♉	
	-1867 May 13 j 09:26	0°♊	
evening max el	-1867 May 19 j 14:48	6°♊55'27	25°47'20
desc. node	-1867 May 24 j 22:18	11°♊12'30	
retrograde	-1867 Jun 02 j 16:30	14°♊09'13	
evening set	-1867 Jun 08 j 14:26	12°♊45'15	
min. Earth dist.	-1867 Jun 13 j 03:09	10°♊03'36	0.58577 AU
inferior conj	-1867 Jun 16 j 10:30	7°♊39'15	-4°-30'-13
minimum elong	-1867 Jun 16 j 08:56	7°♊42'08	4°30'07
morning rise	-1867 Jun 24 j 07:17	3°♊16'12	
direct	-1867 Jun 26 j 19:03	2°♊56'04	
morning max el	-1867 Jul 04 j 22:22	6°♊46'57	18°39'45
asc. node	-1867 Jul 10 j 22:45	14°♊17'13	
	-1867 Jul 19 j 19:46	0°♋	
morning set	-1867 Jul 21 j 05:17	2°♋41'56	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1867 Jul 30 j 01:33	19°♋44'09	1°47'13
minimum elong	-1867 Jul 30 j 02:38	19°♋49'16	1°47'14
	-1867 Aug 04 j 15:51	0°♌	
max. Earth dist.	-1867 Aug 06 j 04:46	2°♌43'45	1.39531 AU
evening rise	-1867 Aug 10 j 08:42	9°♌54'51	
desc. node	-1867 Aug 20 j 21:38	26°♌53'40	
	-1867 Aug 22 j 22:38	0°♍	
evening max el	-1867 Sep 14 j 12:36	29°♍33'17	23°59'34
	-1867 Sep 14 j 23:27	0°♎	
retrograde	-1867 Sep 25 j 10:45	5°♎59'10	
evening set	-1867 Sep 30 j 15:56	3°♎48'30	
	-1867 Oct 04 j 03:21	30°℞♍	
min. Earth dist.	-1867 Oct 05 j 12:06	28°♍11'09	0.67432 AU
inferior conj	-1867 Oct 06 j 01:26	27°♍25'53	0°-17'-36
minimum elong	-1867 Oct 06 j 01:52	27°♍24'27	0°17'26
asc. node	-1867 Oct 06 j 21:53	26°♍16'57	
morning rise	-1867 Oct 11 j 12:00	21°♍16'17	
direct	-1867 Oct 15 j 09:05	19°♍50'51	
morning max el	-1867 Oct 23 j 13:25	24°♍37'23	20°44'45
	-1867 Oct 28 j 05:23	0°♎	
greatest brilliancy	-1867 Oct 29 j 12:54	1°♎41'18	-0.5m
desc. node	-1867 Nov 16 j 21:01	28°♎19'21	
	-1867 Nov 17 j 23:17	0°♏	
morning set	-1867 Nov 21 j 12:58	5°♏31'07	
max. Earth dist.	-1867 Nov 30 j 16:40	20°♏02'13	1.43017 AU
	-1867 Dec 06 j 18:01	0°♐	
superior conj	-1867 Dec 07 j 07:09	0°♐55'01	-1°-48'-9
minimum elong	-1867 Dec 07 j 02:05	0°♐33'44	1°47'54
evening rise	-1867 Dec 19 j 08:39	21°♐48'06	
	-1867 Dec 23 j 23:59	0°♑	
asc. node	-1866 Jan 02 j 21:06	15°♑39'32	
evening max el	-1866 Jan 05 j 10:15	18°♑34'36	18°08'07
retrograde	-1866 Jan 12 j 00:22	22°♑01'04	
evening set	-1866 Jan 14 j 17:11	21°♑25'53	
inferior conj	-1866 Jan 21 j 05:06	16°♑17'35	3°56'06
minimum elong	-1866 Jan 21 j 04:31	16°♑19'02	3°56'03
min. Earth dist.	-1866 Jan 24 j 02:37	13°♑22'48	0.62057 AU
morning rise	-1866 Jan 27 j 13:36	10°♑24'50	
direct	-1866 Feb 03 j 13:45	7°♑52'22	
desc. node	-1866 Feb 12 j 20:12	11°♑33'57	
morning max el	-1866 Feb 17 j 14:15	15°♑41'01	27°44'41
	-1866 Mar 01 j 08:22	0°♒	
	-1866 Mar 19 j 05:12	0°♓	
morning set	-1866 Mar 22 j 19:49	7°♓10'10	
max. Earth dist.	-1866 Mar 28 j 16:16	19°♓28'09	1.32716 AU
superior conj	-1866 Mar 30 j 06:16	22°♓53'46	0°-16'-43
minimum elong	-1866 Mar 30 j 07:03	22°♓57'58	0°16'34
asc. node	-1866 Mar 31 j 20:30	26°♓21'39	
	-1866 Apr 02 j 12:39	0°♈	
evening rise	-1866 Apr 06 j 06:50	8°♈03'58	
	-1866 Apr 17 j 19:13	0°♉	
evening max el	-1866 May 01 j 06:59	17°♉47'50	24°21'57
desc. node	-1866 May 11 j 19:19	24°♉22'09	
retrograde	-1866 May 15 j 04:58	24°♉48'43	
evening set	-1866 May 19 j 18:50	24°♉01'43	
min. Earth dist.	-1866 May 25 j 18:39	21°♉02'21	0.56743 AU
inferior conj	-1866 May 28 j 10:59	19°♉20'14	-3°-56'-56
minimum elong	-1866 May 28 j 05:27	19°♉29'04	3°55'55
morning rise	-1866 Jun 05 j 20:02	15°♉16'01	
direct	-1866 Jun 08 j 09:06	14°♉58'28	
morning max el	-1866 Jun 17 j 20:48	19°♉22'40	19°32'55
	-1866 Jun 26 j 01:37	0°♊	
asc. node	-1866 Jun 27 j 19:49	2°♊57'26	
morning set	-1866 Jul 05 j 05:51	17°♊02'12	
	-1866 Jul 11 j 16:40	0°♋	

superior conj	-1866 Jul 13 j 08:27	3°♋16'58	1°47'08
minimum elong	-1866 Jul 13 j 07:35	3°♋12'42	1°47'08
max. Earth dist.	-1866 Jul 19 j 07:23	14°♋41'30	1.37577 AU
evening rise	-1866 Jul 23 j 04:27	21°♋44'56	
	-1866 Jul 27 j 22:40	0°♌	
desc. node	-1866 Aug 07 j 18:39	17°♌13'12	
	-1866 Aug 16 j 19:51	0°♍	
evening max el	-1866 Aug 27 j 23:51	13°♍07'04	25°16'09
retrograde	-1866 Sep 08 j 22:09	20°♍01'03	
evening set	-1866 Sep 14 j 18:17	17°♍33'09	
min. Earth dist.	-1866 Sep 19 j 05:51	12°♍31'25	0.67010 AU
inferior conj	-1866 Sep 20 j 05:54	11°♍12'54	-1°-12'-18
minimum elong	-1866 Sep 20 j 07:40	11°♍07'09	1°11'33
asc. node	-1866 Sep 23 j 18:57	6°♍57'41	
morning rise	-1866 Sep 25 j 21:34	5°♍10'56	
direct	-1866 Sep 29 j 07:14	4°♍03'51	
morning max el	-1866 Oct 06 j 15:48	8°♍16'39	19°38'41
greatest brilliancy	-1866 Oct 15 j 02:03	18°♍57'29	-0.6m
	-1866 Oct 22 j 12:27	0°♎	
morning set	-1866 Oct 31 j 11:28	13°♎47'22	
desc. node	-1866 Nov 03 j 18:02	18°♎52'37	
	-1866 Nov 10 j 20:23	0°♏	
max. Earth dist.	-1866 Nov 13 j 05:10	3°♏44'38	1.44298 AU
superior conj	-1866 Nov 17 j 06:40	10°♏13'48	-1°-20'-21
minimum elong	-1866 Nov 16 j 22:56	9°♏42'46	1°19'35
	-1866 Nov 29 j 07:41	0°♐	
evening rise	-1866 Dec 01 j 06:06	3°♐14'59	
	-1866 Dec 18 j 05:57	0°♑	
evening max el	-1866 Dec 19 j 22:51	1°♑53'36	18°21'04
asc. node	-1866 Dec 20 j 18:08	2°♑40'19	
retrograde	-1866 Dec 26 j 11:37	5°♑27'03	
evening set	-1866 Dec 29 j 08:43	4°♑42'29	
	-1865 Jan 03 j 18:49	30°℞♐	
inferior conj	-1865 Jan 04 j 11:07	29°♐14'18	3°43'10
minimum elong	-1865 Jan 04 j 08:57	29°♐20'25	3°42'51
min. Earth dist.	-1865 Jan 06 j 17:59	26°♐40'00	0.63855 AU
morning rise	-1865 Jan 10 j 07:41	23°♐11'54	
direct	-1865 Jan 17 j 06:47	20°♐23'11	
desc. node	-1865 Jan 30 j 17:15	27°♐58'07	
morning max el	-1865 Jan 30 j 22:10	28°♐10'17	27°33'10
	-1865 Feb 01 j 16:41	0°♑	
	-1865 Feb 23 j 02:04	0°♒	
morning set	-1865 Mar 06 j 16:43	21°♒16'52	
	-1865 Mar 10 j 23:44	0°♓	
max. Earth dist.	-1865 Mar 11 j 19:56	1°♓45'24	1.33381 AU
superior conj	-1865 Mar 14 j 13:19	7°♓31'15	0°-42'-41
minimum elong	-1865 Mar 14 j 15:18	7°♓41'46	0°42'20
asc. node	-1865 Mar 18 j 17:30	16°♓28'26	
evening rise	-1865 Mar 21 j 18:20	22°♓55'30	
	-1865 Mar 25 j 05:02	0°♈	
evening max el	-1865 Apr 12 j 22:58	28°♈26'32	22°47'14
	-1865 Apr 14 j 16:21	0°♉	
retrograde	-1865 Apr 26 j 04:08	4°♉57'17	
desc. node	-1865 Apr 28 j 16:22	4°♉43'25	
evening set	-1865 Apr 29 j 10:02	4°♉34'16	
min. Earth dist.	-1865 May 07 j 08:12	1°♉05'35	0.55484 AU
inferior conj	-1865 May 08 j 16:39	0°♉18'58	-2°-40'-33
minimum elong	-1865 May 08 j 10:16	0°♉28'09	2°38'41
	-1865 May 09 j 05:52	30°℞♈	
morning rise	-1865 May 17 j 13:05	26°♈23'44	
direct	-1865 May 20 j 05:38	26°♈06'46	
	-1865 May 29 j 20:51	0°♉	
morning max el	-1865 May 31 j 08:31	1°♉17'27	20°46'22
asc. node	-1865 Jun 14 j 16:51	22°♉09'32	
	-1865 Jun 18 j 16:16	0°♊	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning set	-1865 Jun 19 j 12:12	1°♊41'44		
superior conj	-1865 Jun 27 j 02:47	17°♊25'12	1°39'26	
minimum elong	-1865 Jun 27 j 00:42	17°♊14'36	1°39'19	
max. Earth dist.	-1865 Jul 01 j 15:24	26°♊30'14	1.35837 AU	
	-1865 Jul 03 j 10:34	0°♋		
evening rise	-1865 Jul 05 j 20:51	4°♋36'15		
	-1865 Jul 20 j 19:17	0°♌		
desc. node	-1865 Jul 25 j 15:40	7°♌12'48		
evening max el	-1865 Aug 10 j 11:19	26°♌41'39	26°21'02	
	-1865 Aug 14 j 05:36	0°♍		
retrograde	-1865 Aug 23 j 04:37	3°♍53'05		
evening set	-1865 Aug 29 j 15:04	1°♍12'14		
	-1865 Aug 30 j 22:21	30°℞♌		
min. Earth dist.	-1865 Sep 02 j 18:36	26°♌48'20	0.66247 AU	
inferior conj	-1865 Sep 04 j 06:27	24°♌58'11	-2°-6'-9	
minimum elong	-1865 Sep 04 j 09:29	24°♌48'51	2°05'00	
morning rise	-1865 Sep 10 j 04:50	19°♌07'14		
asc. node	-1865 Sep 10 j 16:00	18°♌52'27		
direct	-1865 Sep 13 j 05:25	18°♌15'06		
morning max el	-1865 Sep 20 j 00:47	22°♌03'12	18°47'46	
	-1865 Sep 26 j 08:24	0°♍		
morning set	-1865 Oct 11 j 04:56	23°♍04'39		
	-1865 Oct 15 j 13:41	0°♎		
desc. node	-1865 Oct 21 j 15:04	9°♎33'43		
superior conj	-1865 Oct 27 j 09:50	18°♎39'54	0°-36'-45	
minimum elong	-1865 Oct 27 j 05:04	18°♎21'08	0°36'09	
max. Earth dist.	-1865 Oct 26 j 22:40	17°♎55'55	1.44905 AU	
	-1865 Nov 03 j 14:07	0°♏		
evening rise	-1865 Nov 12 j 04:18	13°♏42'45		
	-1865 Nov 22 j 08:22	0°♐		
evening max el	-1865 Dec 03 j 10:00	15°♐18'44	18°51'54	
asc. node	-1865 Dec 07 j 15:11	18°♐32'47		
retrograde	-1865 Dec 10 j 05:13	19°♐09'28		
evening set	-1865 Dec 13 j 07:54	18°♐13'56		
inferior conj	-1865 Dec 19 j 03:13	12°♐28'14	3°16'13	
minimum elong	-1865 Dec 19 j 00:20	12°♐37'07	3°15'32	
min. Earth dist.	-1865 Dec 20 j 18:59	10°♐26'06	0.65304 AU	
morning rise	-1865 Dec 24 j 15:46	6°♐18'59		
direct	-1865 Dec 31 j 06:16	3°♐29'05		
morning max el	-1864 Jan 13 j 07:47	11°♐05'40	26°49'38	
desc. node	-1864 Jan 17 j 14:17	15°♐43'56		
	-1864 Jan 28 j 09:55	0°♑		
	-1864 Feb 15 j 13:59	0°♒		
morning set	-1864 Feb 18 j 03:08	4°♒47'39		
max. Earth dist.	-1864 Feb 22 j 13:37	13°♒29'34	1.34483 AU	
superior conj	-1864 Feb 26 j 15:06	21°♒48'08	-1°-7'-41	
minimum elong	-1864 Feb 26 j 18:05	22°♒03'39	1°07'13	
	-1864 Mar 01 j 12:56	0°♓		
asc. node	-1864 Mar 04 j 14:31	6°♓26'08		
evening rise	-1864 Mar 05 j 04:00	7°♓36'12		
	-1864 Mar 17 j 08:17	0°♈		
evening max el	-1864 Mar 24 j 21:11	9°♈19'33	21°17'07	
retrograde	-1864 Apr 05 j 18:09	15°♈03'35		
evening set	-1864 Apr 08 j 04:19	14°♈50'05		
desc. node	-1864 Apr 14 j 13:23	12°♈27'06		
inferior conj	-1864 Apr 17 j 11:47	10°♈50'40	0°-49'-37	
minimum elong	-1864 Apr 17 j 09:26	10°♈53'58	0°48'48	
min. Earth dist.	-1864 Apr 17 j 21:29	10°♈37'00	0.55074 AU	
morning rise	-1864 Apr 26 j 14:27	6°♈47'54		
direct	-1864 Apr 29 j 16:58	6°♈26'57		
morning max el	-1864 May 12 j 09:30	12°♈30'13	22°16'53	
	-1864 May 25 j 08:23	0°♉		
asc. node	-1864 May 31 j 13:53	11°♉45'27		
morning set	-1864 Jun 02 j 22:13	16°♉34'15		
	-1864 Jun 09 j 06:36	0°♊		
superior conj	-1864 Jun 10 j 05:01	1°♊58'27	1°25'58	
minimum elong	-1864 Jun 10 j 02:28	1°♊44'58	1°25'41	
max. Earth dist.	-1864 Jun 13 j 08:39	8°♊32'45	1.34436 AU	
evening rise	-1864 Jun 18 j 04:46	18°♊14'38		
	-1864 Jun 24 j 11:59	0°♋		
desc. node	-1864 Jul 11 j 12:41	26°♋43'42		
	-1864 Jul 14 j 00:17	0°♌		
evening max el	-1864 Jul 22 j 22:59	10°♌08'25	27°06'18	
retrograde	-1864 Aug 05 j 05:43	17°♌28'07		
evening set	-1864 Aug 12 j 03:47	14°♌41'56		
min. Earth dist.	-1864 Aug 15 j 23:59	10°♌56'14	0.65117 AU	
inferior conj	-1864 Aug 18 j 00:56	8°♌37'33	-2°-57'-4	
minimum elong	-1864 Aug 18 j 04:56	8°♌26'12	2°55'47	
morning rise	-1864 Aug 24 j 07:30	3°♌01'01		
direct	-1864 Aug 27 j 01:20	2°♌20'25		
asc. node	-1864 Aug 27 j 13:05	2°♌21'43		
morning max el	-1864 Sep 02 j 14:16	5°♌52'50	18°13'20	
	-1864 Sep 18 j 20:16	0°♍		
morning set	-1864 Sep 21 j 02:20	3°♍44'03		
superior conj	-1864 Oct 05 j 12:22	27°♍09'32	0°12'52	
minimum elong	-1864 Oct 05 j 13:58	27°♍15'55	0°12'39	
behind sun begin	-1864 Oct 05 j 07:01	26°♍48'13		
behind sun end	-1864 Oct 05 j 20:56	27°♍43'36		
	-1864 Oct 07 j 07:20	0°♎		
desc. node	-1864 Oct 07 j 12:05	0°♎18'50		
max. Earth dist.	-1864 Oct 08 j 17:31	2°♎15'10	1.44772 AU	
evening rise	-1864 Oct 22 j 02:52	23°♎12'01		
	-1864 Oct 26 j 11:57	0°♏		
greatest brilliancy	-1864 Nov 07 j 13:17	18°♏16'59	-0.7m	
evening max el	-1864 Nov 15 j 17:24	28°♏45'32	19°39'14	
	-1864 Nov 17 j 00:00	0°♐		
retrograde	-1864 Nov 23 j 02:01	3°♐02'20		
asc. node	-1864 Nov 23 j 12:14	3°♐01'18		
evening set	-1864 Nov 26 j 12:05	1°♐53'54		
	-1864 Nov 28 j 17:02	30°℞♏		
inferior conj	-1864 Dec 02 j 02:22	25°♏53'46	2°39'19	
minimum elong	-1864 Dec 01 j 23:28	26°♏03'15	2°38'24	
min. Earth dist.	-1864 Dec 03 j 04:21	24°♏28'42	0.66376 AU	
morning rise	-1864 Dec 07 j 10:10	19°♏39'50		
direct	-1864 Dec 13 j 11:33	17°♏00'28		
morning max el	-1864 Dec 25 j 17:04	24°♏14'44	25°41'47	
	-1864 Dec 30 j 21:48	0°♐		
desc. node	-1863 Jan 03 j 11:20	4°♐26'47		
	-1863 Jan 20 j 19:58	0°♑		
morning set	-1863 Jan 30 j 22:31	17°♑28'19		
max. Earth dist.	-1863 Feb 03 j 19:33	24°♑42'35	1.36027 AU	
	-1863 Feb 06 j 13:13	0°♒		
superior conj	-1863 Feb 09 j 08:55	5°♒35'42	-1°-30'-9	
minimum elong	-1863 Feb 09 j 12:25	5°♒53'19	1°29'45	
evening rise	-1863 Feb 17 j 09:47	21°♒58'36		
asc. node	-1863 Feb 19 j 11:33	26°♒09'11		
	-1863 Feb 21 j 10:35	0°♓		
evening max el	-1863 Mar 07 j 05:45	20°♓45'19	20°01'13	
retrograde	-1863 Mar 17 j 10:20	25°♓37'16		
evening set	-1863 Mar 19 j 15:01	25°♓24'43		
inferior conj	-1863 Mar 28 j 10:27	21°♓24'30	1°06'30	
minimum elong	-1863 Mar 28 j 13:16	21°♓20'12	1°05'34	
min. Earth dist.	-1863 Mar 30 j 11:35	20°♓10'05	0.55604 AU	
desc. node	-1863 Apr 01 j 10:26	19°♓02'53		
morning rise	-1863 Apr 06 j 08:40	16°♓56'16		
direct	-1863 Apr 10 j 07:57	16°♓21'37		
morning max el	-1863 Apr 24 j 02:45	23°♓11'45	23°56'36	
	-1863 Apr 30 j 04:20	0°♈		

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1863 May 17 j 16:05	0°♉	
morning set	-1863 May 18 j 10:03	1°♉33'53	
asc. node	-1863 May 18 j 10:56	1°♉38'31	
superior conj	-1863 May 25 j 12:28	16°♉48'12	1°08'08
minimum elong	-1863 May 25 j 10:01	16°♉34'57	1°07'46
max. Earth dist.	-1863 May 27 j 11:12	20°♉58'42	1.33411 AU
	-1863 May 31 j 18:46	0°♊	
evening rise	-1863 Jun 01 j 23:53	2°♊27'31	
	-1863 Jun 17 j 08:25	0°♋	
desc. node	-1863 Jun 28 j 09:42	15°♋33'54	
evening max el	-1863 Jul 05 j 09:28	23°♋15'59	27°25'07
	-1863 Jul 15 j 09:02	0°♌	
retrograde	-1863 Jul 19 j 01:15	0°♌37'49	
	-1863 Jul 22 j 13:31	30°℞♋	
evening set	-1863 Jul 26 j 05:24	27°♋57'54	
min. Earth dist.	-1863 Jul 29 j 20:14	24°♋46'22	0.63612 AU
inferior conj	-1863 Aug 01 j 10:49	22°♋06'05	-3°-41'-59
minimum elong	-1863 Aug 01 j 15:06	21°♋55'05	3°40'58
morning rise	-1863 Aug 08 j 02:51	16°♋47'11	
direct	-1863 Aug 10 j 16:18	16°♋15'04	
asc. node	-1863 Aug 14 j 10:09	17°♋24'13	
morning max el	-1863 Aug 17 j 05:40	19°♋40'23	17°56'21
	-1863 Aug 24 j 21:06	0°♌	
morning set	-1863 Sep 03 j 01:25	15°♌37'10	
	-1863 Sep 11 j 10:39	0°♍	
superior conj	-1863 Sep 15 j 10:51	6°♍40'43	0°56'03
minimum elong	-1863 Sep 15 j 16:02	7°♍02'05	0°55'26
max. Earth dist.	-1863 Sep 21 j 09:59	16°♍22'06	1.43932 AU
desc. node	-1863 Sep 24 j 09:07	21°♍05'11	
	-1863 Sep 30 j 01:45	0°♎	
evening rise	-1863 Oct 01 j 09:58	2°♎04'35	
	-1863 Oct 20 j 03:03	0°♏	
greatest brilliancy	-1863 Oct 23 j 21:25	5°♏08'46	-0.5m
evening max el	-1863 Oct 29 j 19:28	12°♏12'51	20°40'57
retrograde	-1863 Nov 06 j 23:35	17°♏02'47	
asc. node	-1863 Nov 10 j 09:18	15°♏56'19	
evening set	-1863 Nov 10 j 19:07	15°♏39'14	
inferior conj	-1863 Nov 16 j 06:06	9°♏28'09	1°55'17
minimum elong	-1863 Nov 16 j 03:44	9°♏36'14	1°54'22
min. Earth dist.	-1863 Nov 16 j 19:58	8°♏40'58	0.67090 AU
morning rise	-1863 Nov 21 j 11:53	3°♏11'56	
direct	-1863 Nov 26 j 22:15	0°♏50'34	
morning max el	-1863 Dec 08 j 01:40	7°♏29'23	24°19'12
desc. node	-1863 Dec 21 j 08:25	23°♏50'29	
	-1863 Dec 25 j 16:09	0°♐	
morning set	-1862 Jan 12 j 21:08	29°♐03'21	
	-1862 Jan 13 j 10:08	0°♑	
max. Earth dist.	-1862 Jan 16 j 16:23	5°♑47'11	1.37946 AU
superior conj	-1862 Jan 23 j 15:25	18°♑45'06	-1°-47'-53
minimum elong	-1862 Jan 23 j 18:31	18°♑59'59	1°47'41
	-1862 Jan 29 j 09:25	0°♒	
evening rise	-1862 Feb 01 j 09:24	5°♒56'31	
asc. node	-1862 Feb 06 j 08:36	15°♒32'10	
	-1862 Feb 15 j 11:20	0°♓	
evening max el	-1862 Feb 18 j 01:04	2°♓48'32	19°03'59
retrograde	-1862 Feb 26 j 15:52	6°♓56'39	
evening set	-1862 Feb 28 j 22:59	6°♓40'16	
inferior conj	-1862 Mar 09 j 00:54	2°♓26'26	2°37'47
minimum elong	-1862 Mar 09 j 05:35	2°♓18'17	2°36'34
min. Earth dist.	-1862 Mar 12 j 03:20	0°♓17'48	0.56960 AU
	-1862 Mar 12 j 14:08	30°℞♒	
morning rise	-1862 Mar 17 j 08:07	27°♒26'18	
desc. node	-1862 Mar 19 j 07:30	26°♒47'48	
direct	-1862 Mar 22 j 11:38	26°♒23'46	

	-1862 Apr 01 j 06:14	0°♓	
morning max el	-1862 Apr 05 j 17:41	3°♓45'09	25°32'22
	-1862 Apr 24 j 11:21	0°♈	
morning set	-1862 May 02 j 22:01	16°♈34'19	
asc. node	-1862 May 05 j 07:59	21°♈42'50	
	-1862 May 09 j 03:25	0°♉	
superior conj	-1862 May 09 j 22:58	1°♉46'46	0°46'59
minimum elong	-1862 May 09 j 21:04	1°♉36'20	0°46'38
max. Earth dist.	-1862 May 10 j 20:34	3°♉44'30	1.32761 AU
evening rise	-1862 May 17 j 02:43	17°♉03'41	
	-1862 May 23 j 16:54	0°♊	
	-1862 Jun 12 j 05:50	0°♋	
desc. node	-1862 Jun 15 j 06:44	3°♋25'46	
evening max el	-1862 Jun 17 j 16:35	5°♋51'48	27°12'28
retrograde	-1862 Jul 01 j 14:16	13°♋11'55	
evening set	-1862 Jul 08 j 15:53	10°♋52'32	
min. Earth dist.	-1862 Jul 12 j 06:30	8°♋05'09	0.61779 AU
inferior conj	-1862 Jul 15 j 08:59	5°♋16'01	-4°-16'-19
minimum elong	-1862 Jul 15 j 12:19	5°♋08'23	4°15'50
morning rise	-1862 Jul 22 j 11:30	0°♋17'28	
	-1862 Jul 23 j 12:51	30°℞♊	
direct	-1862 Jul 24 j 22:52	29°♊51'17	
	-1862 Jul 26 j 08:32	0°♋	
morning max el	-1862 Jul 31 j 20:02	3°♋18'18	17°57'41
asc. node	-1862 Aug 01 j 07:14	3°♋46'24	
morning set	-1862 Aug 16 j 20:24	28°♋27'09	
	-1862 Aug 17 j 16:48	0°♌	
superior conj	-1862 Aug 27 j 12:46	17°♌32'47	1°26'15
minimum elong	-1862 Aug 27 j 17:30	17°♌53'18	1°25'50
	-1862 Sep 03 j 21:44	0°♍	
max. Earth dist.	-1862 Sep 03 j 21:34	29°♌59'16	1.42504 AU
evening rise	-1862 Sep 10 j 19:07	11°♍05'37	
desc. node	-1862 Sep 11 j 06:09	11°♍48'58	
	-1862 Sep 23 j 04:57	0°♎	
greatest brilliancy	-1862 Oct 07 j 20:21	20°♎12'34	-0.4m
evening max el	-1862 Oct 12 j 15:37	25°♎40'06	21°53'55
	-1862 Oct 17 j 23:52	0°♏	
retrograde	-1862 Oct 21 j 19:50	1°♏07'24	
	-1862 Oct 25 j 08:28	30°℞♎	
evening set	-1862 Oct 26 j 03:03	29°♎26'31	
asc. node	-1862 Oct 28 j 06:22	27°♎21'27	
inferior conj	-1862 Oct 31 j 12:19	23°♎08'14	1°06'08
minimum elong	-1862 Oct 31 j 10:51	23°♎13'20	1°05'30
min. Earth dist.	-1862 Oct 31 j 15:18	22°♎57'56	0.67471 AU
morning rise	-1862 Nov 05 j 18:24	16°♎52'22	
direct	-1862 Nov 10 j 13:29	14°♎52'39	
morning max el	-1862 Nov 20 j 11:36	20°♎46'57	22°51'56
greatest brilliancy	-1862 Nov 25 j 05:49	26°♎07'07	-0.3m
	-1862 Nov 28 j 07:57	0°♏	
desc. node	-1862 Dec 08 j 05:29	13°♏42'58	
	-1862 Dec 18 j 22:44	0°♐	
morning set	-1862 Dec 24 j 16:49	9°♐17'16	
max. Earth dist.	-1862 Dec 29 j 11:52	17°♐20'54	1.40045 AU
	-1861 Jan 05 j 15:53	0°♑	
superior conj	-1861 Jan 06 j 06:10	1°♑05'04	-1°-57'-50
minimum elong	-1861 Jan 06 j 07:21	1°♑10'25	1°57'52
evening rise	-1861 Jan 15 j 23:58	19°♑22'52	
	-1861 Jan 21 j 16:17	0°♒	
asc. node	-1861 Jan 24 j 05:38	4°♒28'17	
evening max el	-1861 Feb 01 j 05:01	15°♒23'49	18°26'40
retrograde	-1861 Feb 08 j 15:57	19°♒03'38	
evening set	-1861 Feb 11 j 03:11	18°♒40'47	
inferior conj	-1861 Feb 18 j 12:01	14°♒06'38	3°32'40
minimum elong	-1861 Feb 18 j 15:16	14°♒00'03	3°32'09

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1861 Feb 21 j 22:10	11°♒21'23	0.58847 AU
morning rise	-1861 Feb 25 j 23:43	8°♒40'12	
direct	-1861 Mar 04 j 04:42	7°♒00'04	
desc. node	-1861 Mar 06 j 04:34	7°♒10'14	
morning max el	-1861 Mar 18 j 11:49	14°♒37'31	26°49'10
	-1861 Mar 30 j 20:16	0°♓	
	-1861 Apr 16 j 15:13	0°♈	
morning set	-1861 Apr 17 j 08:28	1°♈29'38	
asc. node	-1861 Apr 22 j 05:01	11°♈53'45	
superior conj	-1861 Apr 24 j 10:43	16°♈47'41	0°23'25
minimum elong	-1861 Apr 24 j 09:42	16°♈42'03	0°23'13
max. Earth dist.	-1861 Apr 24 j 09:28	16°♈40'47	1.32469 AU
	-1861 Apr 30 j 12:57	0°♉	
evening rise	-1861 May 01 j 10:39	1°♉54'14	
	-1861 May 16 j 18:02	0°♊	
evening max el	-1861 May 30 j 18:05	17°♊46'34	26°26'57
desc. node	-1861 Jun 02 j 03:43	19°♊54'51	
retrograde	-1861 Jun 13 j 19:08	25°♊02'41	
evening set	-1861 Jun 20 j 06:46	23°♊16'41	
min. Earth dist.	-1861 Jun 24 j 07:19	20°♊37'54	0.59754 AU
inferior conj	-1861 Jun 27 j 15:50	17°♊58'38	-4°-32'-49
minimum elong	-1861 Jun 27 j 16:32	17°♊57'15	4°32'46
morning rise	-1861 Jul 05 j 05:42	13°♊22'16	
direct	-1861 Jul 07 j 17:00	13°♊00'10	
morning max el	-1861 Jul 15 j 06:25	16°♊38'55	18°18'28
asc. node	-1861 Jul 19 j 04:19	21°♊13'01	
	-1861 Jul 24 j 17:52	0°♋	
morning set	-1861 Jul 31 j 05:58	12°♋00'18	
superior conj	-1861 Aug 09 j 15:38	29°♋39'17	1°42'56
minimum elong	-1861 Aug 09 j 18:07	29°♋50'35	1°42'50
	-1861 Aug 09 j 20:11	0°♌	
max. Earth dist.	-1861 Aug 17 j 03:53	12°♌56'47	1.40678 AU
evening rise	-1861 Aug 21 j 23:18	21°♌00'49	
	-1861 Aug 27 j 13:33	0°♍	
desc. node	-1861 Aug 29 j 03:08	2°♍26'39	
	-1861 Sep 17 j 09:29	0°♎	
greatest brilliancy	-1861 Sep 19 j 09:15	2°♎29'52	-0.2m
evening max el	-1861 Sep 25 j 06:38	9°♎08'39	23°13'23
retrograde	-1861 Oct 05 j 13:21	15°♎13'38	
evening set	-1861 Oct 10 j 10:10	13°♎13'54	
asc. node	-1861 Oct 15 j 03:27	7°♎45'59	
inferior conj	-1861 Oct 15 j 19:12	6°♎51'59	0°13'34
minimum elong	-1861 Oct 15 j 18:52	6°♎53'05	0°13'26
transit middle	-1861 Oct 15 j 18:52	6°♎53'05	0°13'26
transit begin	-1861 Oct 15 j 17:20	6°♎58'23	
transit end	-1861 Oct 15 j 20:25	6°♎47'48	
min. Earth dist.	-1861 Oct 15 j 11:50	7°♎17'16	0.67539 AU
morning rise	-1861 Oct 21 j 03:35	0°♎39'23	
	-1861 Oct 22 j 02:15	30°℞♍	
direct	-1861 Oct 25 j 08:19	29°♍01'48	
	-1861 Oct 28 j 20:22	0°♎	
morning max el	-1861 Nov 03 j 02:27	4°♎11'00	21°28'30
greatest brilliancy	-1861 Nov 08 j 05:38	10°♎04'46	-0.4m
	-1861 Nov 22 j 11:33	0°♏	
desc. node	-1861 Nov 25 j 02:32	3°♏55'41	
morning set	-1861 Dec 04 j 07:48	18°♏09'20	
max. Earth dist.	-1861 Dec 11 j 13:18	29°♏48'53	1.42037 AU
	-1861 Dec 11 j 16:00	0°♐	
superior conj	-1861 Dec 18 j 23:37	12°♐21'12	-1°-56'-7
minimum elong	-1861 Dec 18 j 21:04	12°♐10'15	1°56'06
	-1861 Dec 28 j 21:30	0°♑	
evening rise	-1861 Dec 30 j 01:56	2°♑09'26	
asc. node	-1860 Jan 11 j 02:41	22°♑48'22	
evening max el	-1860 Jan 15 j 14:33	28°♑21'40	18°09'15
	-1860 Jan 17 j 12:06	0°♒	
retrograde	-1860 Jan 22 j 09:13	1°♒49'02	
evening set	-1860 Jan 25 j 00:04	1°♒18'30	
	-1860 Jan 27 j 10:46	30°℞♑	
inferior conj	-1860 Jan 31 j 18:40	26°♑22'10	3°54'53
minimum elong	-1860 Jan 31 j 19:23	26°♑20'28	3°54'50
min. Earth dist.	-1860 Feb 03 j 22:56	23°♑24'27	0.60910 AU
morning rise	-1860 Feb 07 j 12:02	20°♑37'19	
direct	-1860 Feb 14 j 08:25	18°♑21'17	
desc. node	-1860 Feb 21 j 01:39	20°♑18'12	
morning max el	-1860 Feb 28 j 12:06	26°♑06'35	27°34'56
	-1860 Mar 03 j 03:47	0°♒	
	-1860 Mar 23 j 06:46	0°♓	
morning set	-1860 Mar 31 j 15:28	16°♓12'09	
max. Earth dist.	-1860 Apr 06 j 21:58	29°♓32'53	1.32527 AU
	-1860 Apr 07 j 02:57	0°♈	
superior conj	-1860 Apr 07 j 21:59	1°♈43'50	0°-1'-47
minimum elong	-1860 Apr 07 j 22:04	1°♈44'18	0°01'47
behind sun begin	-1860 Apr 07 j 17:02	1°♈16'50	
behind sun end	-1860 Apr 08 j 03:05	2°♈11'46	
asc. node	-1860 Apr 08 j 02:03	2°♈06'05	
evening rise	-1860 Apr 14 j 21:25	16°♈50'13	
	-1860 Apr 21 j 11:01	0°♉	
evening max el	-1860 May 11 j 12:58	28°♉57'41	25°13'01
	-1860 May 12 j 15:51	0°♊	
desc. node	-1860 May 19 j 00:44	4°♊27'52	
retrograde	-1860 May 25 j 13:45	6°♊06'37	
evening set	-1860 May 30 j 23:07	4°♊59'18	
min. Earth dist.	-1860 Jun 05 j 00:53	2°♊11'54	0.57759 AU
inferior conj	-1860 Jun 08 j 03:54	0°♊03'36	-4°-21'-3
minimum elong	-1860 Jun 08 j 00:31	0°♊09'26	4°20'40
	-1860 Jun 08 j 06:00	30°℞♉	
morning rise	-1860 Jun 16 j 05:51	25°♉49'09	
direct	-1860 Jun 18 j 18:17	25°♉30'05	
morning max el	-1860 Jun 27 j 09:55	29°♉33'03	18°59'47
	-1860 Jun 27 j 21:08	0°♊	
asc. node	-1860 Jul 05 j 01:22	9°♊29'30	
morning set	-1860 Jul 14 j 01:58	26°♊05'40	
	-1860 Jul 16 j 01:28	0°♋	
superior conj	-1860 Jul 22 j 13:53	12°♋44'56	1°48'15
minimum elong	-1860 Jul 22 j 14:03	12°♋45'46	1°48'17
max. Earth dist.	-1860 Jul 29 j 06:44	25°♋13'22	1.38691 AU
	-1860 Jul 31 j 23:18	0°♌	
evening rise	-1860 Aug 02 j 04:56	2°♌08'59	
desc. node	-1860 Aug 15 j 00:06	22°♌54'11	
	-1860 Aug 19 j 19:00	0°♍	
evening max el	-1860 Sep 06 j 18:30	22°♍40'04	24°33'04
retrograde	-1860 Sep 18 j 03:06	29°♍18'31	
evening set	-1860 Sep 23 j 14:47	27°♍00'03	
min. Earth dist.	-1860 Sep 28 j 07:11	21°♍37'48	0.67295 AU
inferior conj	-1860 Sep 29 j 01:01	20°♍38'12	0°-40'-48
minimum elong	-1860 Sep 29 j 02:00	20°♍34'53	0°40'22
asc. node	-1860 Oct 01 j 00:31	18°♍03'48	
morning rise	-1860 Oct 04 j 13:33	14°♍31'42	
direct	-1860 Oct 08 j 05:34	13°♍14'27	
morning max el	-1860 Oct 16 j 00:35	17°♍45'04	20°15'02
greatest brilliancy	-1860 Oct 22 j 19:57	26°♍00'25	-0.6m
	-1860 Oct 25 j 16:56	0°♎	
desc. node	-1860 Nov 10 j 23:32	24°♎22'53	
morning set	-1860 Nov 12 j 05:39	26°♎19'12	
	-1860 Nov 14 j 14:32	0°♏	
max. Earth dist.	-1860 Nov 22 j 22:32	13°♏09'42	1.43636 AU
superior conj	-1860 Nov 28 j 14:43	22°♏22'23	-1°-38'-35
minimum elong	-1860 Nov 28 j 08:02	21°♏54'54	1°38'05

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1860 Dec 03 j 04:49	0°♐	
evening rise	-1860 Dec 11 j 11:08	14°♐08'11	
	-1860 Dec 20 j 17:49	0°♑	
asc. node	-1860 Dec 27 j 23:43	10°♑21'48	
evening max el	-1860 Dec 29 j 02:46	11°♑34'28	18°11'18
retrograde	-1859 Jan 04 j 15:19	15°♑02'46	
evening set	-1859 Jan 07 j 09:49	14°♑23'42	
inferior conj	-1859 Jan 13 j 17:20	9°♑06'22	3°52'40
minimum elong	-1859 Jan 13 j 15:58	9°♑09'59	3°52'32
min. Earth dist.	-1859 Jan 16 j 08:42	6°♑18'37	0.62856 AU
morning rise	-1859 Jan 19 j 20:14	3°♑08'57	
direct	-1859 Jan 26 j 20:51	0°♑28'04	
desc. node	-1859 Feb 06 j 22:43	5°♑41'19	
morning max el	-1859 Feb 09 j 18:09	8°♑16'36	27°44'09
	-1859 Feb 26 j 12:59	0°♒	
	-1859 Mar 15 j 09:59	0°♓	
morning set	-1859 Mar 15 j 16:51	0°♓34'32	
max. Earth dist.	-1859 Mar 21 j 06:10	12°♓07'04	1.32955 AU
superior conj	-1859 Mar 23 j 07:05	16°♓29'38	0°-27'-45
minimum elong	-1859 Mar 23 j 08:22	16°♓36'35	0°27'31
asc. node	-1859 Mar 25 j 23:03	22°♓15'52	
	-1859 Mar 29 j 13:21	0°♈	
evening rise	-1859 Mar 30 j 09:10	1°♈44'59	
	-1859 Apr 15 j 01:59	0°♉	
evening max el	-1859 Apr 23 j 04:02	9°♉39'31	23°41'44
desc. node	-1859 May 05 j 21:47	16°♉28'16	
retrograde	-1859 May 06 j 20:31	16°♉30'18	
evening set	-1859 May 10 j 20:14	15°♉55'12	
min. Earth dist.	-1859 May 17 j 14:53	12°♉44'52	0.56123 AU
inferior conj	-1859 May 19 j 19:47	11°♉25'03	-3°-29'-46
minimum elong	-1859 May 19 j 13:17	11°♉34'53	3°28'15
morning rise	-1859 May 28 j 10:02	7°♉26'45	
direct	-1859 May 31 j 00:12	7°♉09'48	
morning max el	-1859 Jun 10 j 03:58	11°♉51'48	20°01'52
asc. node	-1859 Jun 21 j 22:24	28°♉23'55	
	-1859 Jun 22 j 19:21	0°♊	
morning set	-1859 Jun 28 j 05:16	10°♊34'37	
superior conj	-1859 Jul 06 j 02:08	26°♊34'10	1°44'40
minimum elong	-1859 Jul 06 j 00:40	26°♊26'49	1°44'39
	-1859 Jul 07 j 19:32	0°♋	
max. Earth dist.	-1859 Jul 11 j 10:52	7°♋03'25	1.36797 AU
evening rise	-1859 Jul 15 j 10:02	14°♋26'06	
	-1859 Jul 24 j 10:36	0°♌	
desc. node	-1859 Aug 01 j 21:06	13°♌05'55	
	-1859 Aug 14 j 12:07	0°♍	
evening max el	-1859 Aug 20 j 05:28	6°♍13'44	25°45'37
retrograde	-1859 Sep 01 j 12:31	13°♍16'53	
evening set	-1859 Sep 07 j 15:01	10°♍42'24	
min. Earth dist.	-1859 Sep 11 j 22:58	5°♍56'50	0.66726 AU
inferior conj	-1859 Sep 13 j 04:01	4°♍24'16	-1°-35'-23
minimum elong	-1859 Sep 13 j 06:20	4°♍16'52	1°34'27
	-1859 Sep 16 j 23:20	30°℞♌	
asc. node	-1859 Sep 17 j 21:35	29°♌11'05	
morning rise	-1859 Sep 18 j 22:23	28°♌26'53	
direct	-1859 Sep 22 j 03:49	27°♌26'45	
	-1859 Sep 27 j 16:33	0°♍	
morning max el	-1859 Sep 29 j 06:04	1°♍27'59	19°15'08
	-1859 Oct 19 j 06:21	0°♎	
morning set	-1859 Oct 22 j 09:57	4°♎55'03	
desc. node	-1859 Oct 28 j 20:32	14°♎59'33	
max. Earth dist.	-1859 Nov 05 j 13:26	27°♎06'02	1.44639 AU
	-1859 Nov 07 j 09:26	0°♏	
superior conj	-1859 Nov 08 j 03:47	1°♏12'48	-1°-3'-22
minimum elong	-1859 Nov 07 j 20:33	0°♏44'05	1°02'33

evening rise	-1859 Nov 22 j 23:02	25°♏10'01	
	-1859 Nov 25 j 21:15	0°♐	
evening max el	-1859 Dec 12 j 14:57	24°♐55'37	18°32'02
asc. node	-1859 Dec 14 j 20:47	26°♐54'51	
retrograde	-1859 Dec 19 j 05:46	28°♐35'41	
evening set	-1859 Dec 22 j 04:56	27°♐46'48	
inferior conj	-1859 Dec 28 j 04:03	22°♐10'47	3°33'12
minimum elong	-1859 Dec 28 j 01:29	22°♐18'20	3°32'42
min. Earth dist.	-1859 Dec 30 j 04:26	19°♐48'58	0.64511 AU
morning rise	-1858 Jan 02 j 20:44	16°♐04'51	
direct	-1858 Jan 09 j 16:46	13°♐13'53	
morning max el	-1858 Jan 23 j 03:19	20°♐58'43	27°18'12
desc. node	-1858 Jan 24 j 19:46	22°♐43'10	
	-1858 Jan 31 j 00:03	0°♑	
	-1858 Feb 19 j 15:02	0°♒	
morning set	-1858 Feb 27 j 09:48	14°♒27'26	
max. Earth dist.	-1858 Mar 04 j 05:57	24°♒10'32	1.33789 AU
	-1858 Mar 07 j 01:00	0°♓	
superior conj	-1858 Mar 07 j 12:10	0°♓58'55	0°-53'-30
minimum elong	-1858 Mar 07 j 14:36	1°♓11'48	0°53'04
asc. node	-1858 Mar 12 j 20:06	12°♓19'11	
evening rise	-1858 Mar 14 j 20:07	16°♓32'19	
	-1858 Mar 21 j 14:53	0°♈	
evening max el	-1858 Apr 04 j 21:54	20°♈21'07	22°07'41
retrograde	-1858 Apr 17 j 15:33	26°♈34'17	
evening set	-1858 Apr 20 j 10:48	26°♈16'54	
desc. node	-1858 Apr 22 j 18:50	25°♈37'45	
min. Earth dist.	-1858 Apr 29 j 04:27	22°♈31'15	0.55189 AU
inferior conj	-1858 Apr 29 j 19:36	22°♈09'53	-1°-56'-24
minimum elong	-1858 Apr 29 j 14:26	22°♈17'10	1°54'43
morning rise	-1858 May 08 j 19:40	18°♈13'42	
direct	-1858 May 11 j 15:00	17°♈56'00	
morning max el	-1858 May 23 j 11:10	23°♈29'22	21°23'09
	-1858 May 29 j 04:21	0°♉	
asc. node	-1858 Jun 08 j 19:26	17°♉47'08	
morning set	-1858 Jun 12 j 13:27	25°♉20'39	
	-1858 Jun 14 j 19:08	0°♊	
superior conj	-1858 Jun 20 j 00:17	10°♊54'53	1°34'20
minimum elong	-1858 Jun 19 j 21:55	10°♊42'40	1°34'09
max. Earth dist.	-1858 Jun 23 j 22:18	18°♊54'55	1.35191 AU
evening rise	-1858 Jun 28 j 09:42	27°♊39'46	
	-1858 Jun 29 j 15:24	0°♋	
	-1858 Jul 17 j 17:09	0°♌	
desc. node	-1858 Jul 19 j 18:07	2°♌54'50	
evening max el	-1858 Aug 02 j 17:00	19°♌46'06	26°43'05
retrograde	-1858 Aug 15 j 16:59	27°♌02'54	
evening set	-1858 Aug 22 j 08:45	24°♌18'31	
min. Earth dist.	-1858 Aug 26 j 08:58	20°♌10'56	0.65810 AU
inferior conj	-1858 Aug 28 j 02:17	18°♌07'52	-2°-28'-16
minimum elong	-1858 Aug 28 j 05:47	17°♌57'26	2°27'01
morning rise	-1858 Sep 03 j 03:59	12°♌22'36	
asc. node	-1858 Sep 04 j 18:38	11°♌45'05	
direct	-1858 Sep 06 j 01:17	11°♌35'56	
morning max el	-1858 Sep 12 j 17:18	15°♌16'42	18°30'58
	-1858 Sep 23 j 10:16	0°♍	
morning set	-1858 Oct 02 j 15:00	14°♍46'27	
	-1858 Oct 12 j 03:02	0°♎	
desc. node	-1858 Oct 15 j 17:33	5°♎42'33	
superior conj	-1858 Oct 18 j 03:50	9°♎32'24	0°-15'-38
minimum elong	-1858 Oct 18 j 01:46	9°♎24'13	0°15'23
behind sun begin	-1858 Oct 17 j 22:00	9°♎09'23	
behind sun end	-1858 Oct 18 j 05:32	9°♎39'04	
max. Earth dist.	-1858 Oct 19 j 07:17	11°♎20'28	1.44939 AU
	-1858 Oct 31 j 03:58	0°♏	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1858 Nov 03 j 10:46	5°♏11'04	
greatest brilliancy	-1858 Nov 14 j 14:18	22°♏43'28	-0.7m
	-1858 Nov 19 j 10:48	0°♐	
evening max el	-1858 Nov 26 j 00:45	8°♐21'21	19°10'11
asc. node	-1858 Dec 01 j 17:50	12°♐12'49	
retrograde	-1858 Dec 03 j 01:00	12°♐22'16	
evening set	-1858 Dec 06 j 06:31	11°♐21'41	
inferior conj	-1858 Dec 11 j 23:29	5°♐29'41	3°01'35
minimum elong	-1858 Dec 11 j 20:31	5°♐39'05	3°00'46
min. Earth dist.	-1858 Dec 13 j 09:18	3°♐42'40	0.65807 AU
	-1858 Dec 16 j 15:36	30°℞♏	
morning rise	-1858 Dec 17 j 09:37	29°♏18'04	
direct	-1858 Dec 23 j 19:02	26°♏31'04	
	-1857 Jan 01 j 00:42	0°♐	
morning max el	-1857 Jan 05 j 12:49	4°♐00'22	26°23'06
desc. node	-1857 Jan 11 j 16:50	10°♐55'15	
	-1857 Jan 25 j 09:35	0°♑	
morning set	-1857 Feb 10 j 14:27	27°♑38'24	
	-1857 Feb 11 j 20:24	0°♒	
max. Earth dist.	-1857 Feb 14 j 18:12	5°♒37'42	1.35078 AU
superior conj	-1857 Feb 19 j 10:56	15°♒04'09	-1°-17'-40
minimum elong	-1857 Feb 19 j 14:13	15°♒21'01	1°17'12
	-1857 Feb 26 j 15:41	0°♓	
evening rise	-1857 Feb 27 j 04:23	1°♓05'28	
asc. node	-1857 Feb 27 j 17:09	2°♓11'01	
	-1857 Mar 16 j 14:04	0°♈	
evening max el	-1857 Mar 18 j 00:25	1°♈27'12	20°42'53
retrograde	-1857 Mar 29 j 04:39	6°♈48'25	
evening set	-1857 Mar 31 j 10:53	6°♈36'11	
inferior conj	-1857 Apr 09 j 14:29	2°♈38'55	0°01'00
minimum elong	-1857 Apr 09 j 14:32	2°♈38'51	0°01'00
transit middle	-1857 Apr 09 j 14:32	2°♈38'51	0°01'00
transit begin	-1857 Apr 09 j 10:28	2°♈44'41	
transit end	-1857 Apr 09 j 18:36	2°♈33'00	
desc. node	-1857 Apr 09 j 15:54	2°♈36'52	
min. Earth dist.	-1857 Apr 10 j 18:21	1°♈58'53	0.55181 AU
	-1857 Apr 14 j 11:20	30°℞♓	
morning rise	-1857 Apr 18 j 16:40	28°♓26'43	
direct	-1857 Apr 22 j 02:46	28°♓01'18	
	-1857 Apr 29 j 09:10	0°♈	
morning max el	-1857 May 05 j 08:17	4°♈26'37	22°58'45
	-1857 May 22 j 21:53	0°♉	
asc. node	-1857 May 26 j 16:28	7°♉30'55	
morning set	-1857 May 28 j 00:28	10°♉16'44	
superior conj	-1857 Jun 04 j 05:03	25°♉36'03	1°18'53
minimum elong	-1857 Jun 04 j 02:28	25°♉22'18	1°18'33
	-1857 Jun 06 j 06:55	0°♊	
max. Earth dist.	-1857 Jun 06 j 19:39	1°♊06'49	1.33957 AU
evening rise	-1857 Jun 11 j 22:54	11°♊34'34	
	-1857 Jun 21 j 23:00	0°♋	
desc. node	-1857 Jul 06 j 15:10	22°♋10'05	
	-1857 Jul 13 j 03:38	0°♌	
evening max el	-1857 Jul 16 j 04:36	3°♌06'47	27°17'56
retrograde	-1857 Jul 29 j 15:52	10°♌27'47	
evening set	-1857 Aug 05 j 17:11	7°♌43'03	
min. Earth dist.	-1857 Aug 09 j 10:51	4°♌12'17	0.64523 AU
inferior conj	-1857 Aug 11 j 17:29	1°♌43'29	-3°-17'-4
minimum elong	-1857 Aug 11 j 21:43	1°♌31'56	3°15'52
	-1857 Aug 13 j 08:16	30°℞♋	
morning rise	-1857 Aug 18 j 03:54	26°♋13'45	
direct	-1857 Aug 20 j 19:35	25°♋37'04	
asc. node	-1857 Aug 22 j 15:41	25°♋54'45	
morning max el	-1857 Aug 27 j 07:52	29°♋05'39	18°03'49
	-1857 Aug 28 j 04:31	0°♌	
morning set	-1857 Sep 14 j 00:01	25°♌59'15	
	-1857 Sep 16 j 09:09	0°♍	
superior conj	-1857 Sep 27 j 12:59	18°♍22'52	0°32'32
minimum elong	-1857 Sep 27 j 16:40	18°♍37'43	0°32'03
max. Earth dist.	-1857 Oct 02 j 01:25	25°♍36'16	1.44502 AU
desc. node	-1857 Oct 02 j 14:36	26°♍28'29	
	-1857 Oct 04 j 20:11	0°♎	
evening rise	-1857 Oct 14 j 01:07	14°♎20'28	
	-1857 Oct 24 j 06:39	0°♏	
greatest brilliancy	-1857 Nov 02 j 05:41	13°♏06'52	-0.6m
evening max el	-1857 Nov 09 j 06:09	21°♏49'03	20°03'58
retrograde	-1857 Nov 16 j 22:16	26°♏18'45	
asc. node	-1857 Nov 18 j 14:53	26°♏02'16	
evening set	-1857 Nov 20 j 12:09	25°♏04'09	
inferior conj	-1857 Nov 26 j 00:51	18°♏59'12	2°21'22
minimum elong	-1857 Nov 25 j 22:07	19°♏08'18	2°20'24
min. Earth dist.	-1857 Nov 26 j 21:32	17°♏50'13	0.66728 AU
morning rise	-1857 Dec 01 j 07:30	12°♏44'12	
direct	-1857 Dec 07 j 02:47	10°♏11'38	
morning max el	-1857 Dec 18 j 21:28	17°♏11'41	25°07'48
desc. node	-1857 Dec 29 j 13:54	29°♏57'13	
	-1857 Dec 29 j 14:44	0°♐	
	-1856 Jan 18 j 09:16	0°♑	
morning set	-1856 Jan 24 j 01:46	9°♑53'03	
max. Earth dist.	-1856 Jan 27 j 19:32	16°♑42'50	1.36807 AU
superior conj	-1856 Feb 03 j 00:28	28°♑37'05	-1°-38'-25
minimum elong	-1856 Feb 03 j 03:57	28°♑54'15	1°38'05
	-1856 Feb 03 j 17:15	0°♒	
evening rise	-1856 Feb 11 j 07:52	15°♒18'21	
asc. node	-1856 Feb 14 j 14:12	21°♒46'21	
	-1856 Feb 19 j 00:50	0°♓	
evening max el	-1856 Feb 28 j 13:46	13°♓09'12	19°34'30
retrograde	-1856 Mar 09 j 01:00	17°♓40'30	
evening set	-1856 Mar 11 j 06:30	17°♓26'36	
inferior conj	-1856 Mar 19 j 18:42	13°♓21'48	1°49'25
minimum elong	-1856 Mar 19 j 22:49	13°♓15'13	1°48'08
min. Earth dist.	-1856 Mar 22 j 08:46	11°♓43'03	0.56097 AU
desc. node	-1856 Mar 26 j 12:58	9°♓25'55	
morning rise	-1856 Mar 28 j 11:37	8°♓40'21	
direct	-1856 Apr 01 j 22:49	7°♓55'30	
morning max el	-1856 Apr 15 j 23:35	15°♓00'19	24°38'41
	-1856 Apr 27 j 20:24	0°♈	
morning set	-1856 May 11 j 12:34	25°♈17'13	
asc. node	-1856 May 12 j 13:33	27°♈29'14	
	-1856 May 13 j 17:46	0°♉	
superior conj	-1856 May 18 j 14:01	10°♉29'55	0°59'31
minimum elong	-1856 May 18 j 11:45	10°♉17'35	0°59'08
max. Earth dist.	-1856 May 20 j 01:43	13°♉42'54	1.33097 AU
evening rise	-1856 May 25 j 21:41	25°♉58'24	
	-1856 May 27 j 21:50	0°♊	
	-1856 Jun 14 j 09:53	0°♋	
desc. node	-1856 Jun 22 j 12:10	10°♋37'37	
evening max el	-1856 Jun 27 j 14:10	16°♋02'40	27°23'44
retrograde	-1856 Jul 11 j 08:25	23°♋22'59	
evening set	-1856 Jul 18 j 12:50	20°♋50'15	
min. Earth dist.	-1856 Jul 22 j 02:51	17°♋50'30	0.62875 AU
inferior conj	-1856 Jul 24 j 22:47	15°♋04'53	-3°-58'-13
minimum elong	-1856 Jul 25 j 02:52	14°♋54'55	3°57'24
morning rise	-1856 Jul 31 j 19:09	9°♋54'05	
direct	-1856 Aug 03 j 07:34	9°♋24'37	
asc. node	-1856 Aug 08 j 12:46	11°♋32'31	
morning max el	-1856 Aug 09 j 23:06	12°♋49'15	17°54'33
	-1856 Aug 21 j 15:14	0°♌	
morning set	-1856 Aug 26 j 08:16	8°♌18'22	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1856 Sep 06 j 22:53	28°♌27'19	1°10'36
minimum elong	-1856 Sep 07 j 04:16	28°♌49'54	1°10'01
	-1856 Sep 07 j 20:59	0°♍	
max. Earth dist.	-1856 Sep 13 j 16:38	9°♍34'22	1.43393 AU
desc. node	-1856 Sep 18 j 11:36	17°♍13'44	
evening rise	-1856 Sep 22 j 06:40	23°♍10'13	
	-1856 Sep 26 j 17:13	0°♎	
greatest brilliancy	-1856 Oct 16 j 22:22	29°♎04'51	-0.5m
	-1856 Oct 17 j 15:48	0°♏	
evening max el	-1856 Oct 22 j 05:44	5°♏16'11	21°10'53
retrograde	-1856 Oct 30 j 19:24	10°♏21'16	
evening set	-1856 Nov 03 j 19:46	8°♏50'21	
asc. node	-1856 Nov 04 j 11:56	8°♏17'03	
inferior conj	-1856 Nov 09 j 05:51	2°♏35'45	1°34'54
minimum elong	-1856 Nov 09 j 03:49	2°♏42'44	1°34'06
min. Earth dist.	-1856 Nov 09 j 14:53	2°♏04'43	0.67295 AU
	-1856 Nov 11 j 03:59	30°℞♎	
morning rise	-1856 Nov 14 j 11:31	26°♎19'38	
direct	-1856 Nov 19 j 15:20	24°♎07'26	
	-1856 Nov 29 j 19:21	0°♏	
morning max el	-1856 Nov 30 j 06:17	0°♏27'17	23°42'09
desc. node	-1856 Dec 15 j 10:57	19°♏33'59	
	-1856 Dec 22 j 13:11	0°♐	
morning set	-1855 Jan 04 j 13:30	20°♐54'17	
max. Earth dist.	-1855 Jan 08 j 15:16	27°♐57'19	1.38839 AU
	-1855 Jan 09 j 18:57	0°♑	
superior conj	-1855 Jan 16 j 00:49	11°♑26'30	-1°-53'-16
minimum elong	-1855 Jan 16 j 03:19	11°♑38'15	1°53'11
evening rise	-1855 Jan 25 j 03:59	29°♑03'30	
	-1855 Jan 25 j 15:36	0°♒	
asc. node	-1855 Jan 31 j 11:14	10°♒58'31	
evening max el	-1855 Feb 10 j 12:57	25°♒25'54	18°45'33
retrograde	-1855 Feb 18 j 14:30	29°♒20'15	
evening set	-1855 Feb 20 j 23:22	29°♒01'18	
inferior conj	-1855 Feb 28 j 17:42	24°♒38'51	3°05'31
minimum elong	-1855 Feb 28 j 22:03	24°♒30'46	3°04'34
min. Earth dist.	-1855 Mar 04 j 01:13	22°♒12'13	0.57720 AU
morning rise	-1855 Mar 08 j 16:47	19°♒26'34	
desc. node	-1855 Mar 13 j 10:02	18°♒11'01	
direct	-1855 Mar 14 j 07:53	18°♒08'58	
morning max el	-1855 Mar 28 j 15:21	25°♒38'06	26°08'22
	-1855 Apr 01 j 17:20	0°♓	
	-1855 Apr 20 j 22:10	0°♈	
morning set	-1855 Apr 26 j 00:06	10°♈15'54	
asc. node	-1855 Apr 29 j 10:37	17°♈36'36	
superior conj	-1855 May 03 j 01:14	25°♈29'35	0°37'14
minimum elong	-1855 May 02 j 23:40	25°♈21'00	0°36'56
max. Earth dist.	-1855 May 03 j 13:08	26°♈34'41	1.32592 AU
	-1855 May 05 j 02:45	0°♉	
evening rise	-1855 May 10 j 02:57	10°♉41'01	
	-1855 May 20 j 04:25	0°♊	
desc. node	-1855 Jun 09 j 09:11	27°♊57'36	
evening max el	-1855 Jun 09 j 18:59	28°♊21'15	26°56'58
	-1855 Jun 11 j 14:31	0°♋	
retrograde	-1855 Jun 23 j 18:03	5°♋39'52	
evening set	-1855 Jun 30 j 15:32	3°♋33'03	
min. Earth dist.	-1855 Jul 04 j 08:38	0°♋51'51	0.60933 AU
	-1855 Jul 05 j 09:21	30°℞♊	
inferior conj	-1855 Jul 07 j 14:53	28°♊04'14	-4°-26'-4
minimum elong	-1855 Jul 07 j 17:20	27°♊58'58	4°25'49
morning rise	-1855 Jul 14 j 22:10	23°♊15'17	
direct	-1855 Jul 17 j 09:24	22°♊50'56	
morning max el	-1855 Jul 24 j 12:12	26°♊21'10	18°04'08
asc. node	-1855 Jul 26 j 09:51	28°♊24'05	
	-1855 Jul 27 j 16:33	0°♋	
morning set	-1855 Aug 09 j 10:03	21°♋28'28	
	-1855 Aug 14 j 00:40	0°♌	
superior conj	-1855 Aug 19 j 12:08	9°♌53'29	1°34'53
minimum elong	-1855 Aug 19 j 16:00	10°♌10'35	1°34'36
max. Earth dist.	-1855 Aug 27 j 02:12	22°♌56'49	1.41761 AU
	-1855 Aug 31 j 09:07	0°♍	
evening rise	-1855 Sep 01 j 22:23	2°♍30'05	
desc. node	-1855 Sep 05 j 08:35	7°♍55'23	
	-1855 Sep 20 j 03:50	0°♎	
greatest brilliancy	-1855 Sep 30 j 05:09	13°♎22'29	-0.3m
evening max el	-1855 Oct 04 j 23:23	18°♎43'23	22°27'11
retrograde	-1855 Oct 14 j 14:45	24°♎27'19	
evening set	-1855 Oct 19 j 03:35	22°♎38'18	
asc. node	-1855 Oct 22 j 09:00	19°♎11'33	
inferior conj	-1855 Oct 24 j 12:33	16°♎17'45	0°44'08
minimum elong	-1855 Oct 24 j 11:33	16°♎21'15	0°43'42
min. Earth dist.	-1855 Oct 24 j 11:01	16°♎23'04	0.67537 AU
morning rise	-1855 Oct 29 j 19:24	10°♎02'58	
direct	-1855 Nov 03 j 08:05	8°♎13'02	
morning max el	-1855 Nov 12 j 18:05	13°♎47'56	22°15'32
greatest brilliancy	-1855 Nov 17 j 10:35	19°♎04'49	-0.3m
	-1855 Nov 25 j 16:29	0°♏	
desc. node	-1855 Dec 02 j 07:59	9°♏35'46	
morning set	-1855 Dec 15 j 20:37	0°♐31'45	
	-1855 Dec 15 j 12:45	0°♐	
max. Earth dist.	-1855 Dec 21 j 12:45	9°♐52'53	1.40925 AU
superior conj	-1855 Dec 29 j 07:07	23°♐20'18	-1°-58'-47
minimum elong	-1855 Dec 29 j 06:55	23°♐19'24	1°58'51
	-1854 Jan 01 j 23:35	0°♑	
evening rise	-1854 Jan 08 j 13:39	12°♑13'47	
asc. node	-1854 Jan 18 j 08:16	29°♑40'16	
	-1854 Jan 18 j 13:15	0°♒	
evening max el	-1854 Jan 24 j 19:32	8°♒11'05	18°16'46
retrograde	-1854 Jan 31 j 22:26	11°♒44'09	
evening set	-1854 Feb 03 j 11:05	11°♒18'17	
inferior conj	-1854 Feb 10 j 13:28	6°♒34'43	3°45'36
minimum elong	-1854 Feb 10 j 15:40	6°♒29'58	3°45'21
min. Earth dist.	-1854 Feb 13 j 22:24	3°♒40'53	0.59722 AU
morning rise	-1854 Feb 17 j 16:56	0°♒59'07	
	-1854 Feb 19 j 16:00	30°℞♑	
direct	-1854 Feb 24 j 05:40	29°♑02'47	
desc. node	-1854 Feb 28 j 07:07	29°♑45'25	
	-1854 Feb 28 j 22:58	0°♒	
morning max el	-1854 Mar 10 j 12:09	6°♒45'04	27°12'59
	-1854 Mar 27 j 22:46	0°♓	
morning set	-1854 Apr 10 j 09:17	25°♓06'18	
	-1854 Apr 12 j 17:03	0°♈	
asc. node	-1854 Apr 16 j 07:38	7°♈48'18	
max. Earth dist.	-1854 Apr 17 j 02:11	9°♈29'51	1.32441 AU
superior conj	-1854 Apr 17 j 12:57	10°♈28'47	0°12'52
minimum elong	-1854 Apr 17 j 12:22	10°♈25'37	0°12'45
behind sun begin	-1854 Apr 17 j 09:24	10°♈09'19	
behind sun end	-1854 Apr 17 j 15:21	10°♈41'55	
evening rise	-1854 Apr 24 j 12:17	25°♈34'02	
	-1854 Apr 26 j 15:37	0°♉	
	-1854 May 14 j 04:31	0°♊	
evening max el	-1854 May 22 j 17:21	9°♊55'42	25°58'29
desc. node	-1854 May 27 j 06:13	13°♊41'34	
retrograde	-1854 Jun 05 j 19:13	17°♊10'34	
evening set	-1854 Jun 11 j 21:00	15°♊40'48	
min. Earth dist.	-1854 Jun 16 j 05:57	13°♊00'26	0.58873 AU
inferior conj	-1854 Jun 19 j 14:04	10°♊31'28	-4°-32'-2
minimum elong	-1854 Jun 19 j 13:07	10°♊33'13	4°31'58
morning rise	-1854 Jun 27 j 09:02	6°♊05'03	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1854 Jun 29 j 20:34	5°♊44'30		
morning max el	-1854 Jul 07 j 20:05	9°♊31'58	18°33'35	
asc. node	-1854 Jul 13 j 06:54	16°♊13'22		
	-1854 Jul 21 j 06:25	0°♋		
morning set	-1854 Jul 24 j 00:30	5°♋16'15		
superior conj	-1854 Aug 02 j 00:00	22°♋27'23	1°46'26	
minimum elong	-1854 Aug 02 j 01:27	22°♋34'07	1°46'25	
	-1854 Aug 06 j 02:45	0°♌		
max. Earth dist.	-1854 Aug 09 j 06:08	5°♌34'15	1.39830 AU	
evening rise	-1854 Aug 13 j 13:14	12°♌55'43		
desc. node	-1854 Aug 23 j 05:34	28°♌29'17		
	-1854 Aug 24 j 05:14	0°♍		
	-1854 Sep 15 j 09:58	0°♎		
evening max el	-1854 Sep 17 j 12:39	2°♎12'34	23°47'37	
retrograde	-1854 Sep 28 j 06:56	8°♎33'19		
evening set	-1854 Oct 03 j 09:51	6°♎25'33		
inferior conj	-1854 Oct 08 j 19:12	0°♎02'56	0°-9'-21	
minimum elong	-1854 Oct 08 j 19:25	0°♎02'11	0°09'16	
transit middle	-1854 Oct 08 j 19:25	0°♎02'11	0°09'16	
transit begin	-1854 Oct 08 j 17:11	0°♎09'48		
transit end	-1854 Oct 08 j 21:40	29°♍54'34		
min. Earth dist.	-1854 Oct 08 j 07:26	0°♎43'01	0.67472 AU	
	-1854 Oct 08 j 20:04	30°℞♍		
asc. node	-1854 Oct 09 j 06:03	29°♍26'01		
morning rise	-1854 Oct 14 j 05:08	23°♍52'20		
direct	-1854 Oct 18 j 04:08	22°♍23'48		
morning max el	-1854 Oct 26 j 11:53	27°♍16'04	20°55'38	
	-1854 Oct 28 j 23:50	0°♎		
greatest brilliancy	-1854 Nov 01 j 05:29	3°♎59'21	-0.5m	
desc. node	-1854 Nov 19 j 05:00	29°♎55'03		
	-1854 Nov 19 j 06:18	0°♏		
morning set	-1854 Nov 25 j 01:54	8°♏58'24		
max. Earth dist.	-1854 Dec 03 j 16:54	22°♏42'12	1.42777 AU	
	-1854 Dec 08 j 03:19	0°♐		
superior conj	-1854 Dec 10 j 13:48	4°♐05'24	-1°-50'-49	
minimum elong	-1854 Dec 10 j 09:23	3°♐46'42	1°50'38	
evening rise	-1854 Dec 22 j 09:00	24°♐40'52		
	-1854 Dec 25 j 08:34	0°♑		
asc. node	-1853 Jan 05 j 05:17	17°♑42'10		
evening max el	-1853 Jan 08 j 06:37	21°♑16'39	18°07'51	
retrograde	-1853 Jan 14 j 21:35	24°♑42'49		
evening set	-1853 Jan 17 j 13:54	24°♑08'51		
inferior conj	-1853 Jan 24 j 03:27	19°♑03'45	3°56'27	
minimum elong	-1853 Jan 24 j 03:12	19°♑04'23	3°56'24	
min. Earth dist.	-1853 Jan 27 j 02:56	16°♑07'28	0.61765 AU	
morning rise	-1853 Jan 30 j 14:08	13°♑12'56		
direct	-1853 Feb 06 j 13:43	10°♑44'12		
desc. node	-1853 Feb 15 j 04:11	13°♑55'35		
morning max el	-1853 Feb 20 j 15:03	18°♑32'11	27°43'19	
	-1853 Mar 02 j 07:39	0°♒		
	-1853 Mar 20 j 16:22	0°♓		
morning set	-1853 Mar 25 j 14:12	9°♓41'39		
max. Earth dist.	-1853 Mar 31 j 13:11	22°♓15'34	1.32656 AU	
superior conj	-1853 Apr 01 j 23:32	25°♓21'54	0°-12'-46	
minimum elong	-1853 Apr 02 j 00:07	25°♓25'07	0°12'39	
behind sun begin	-1853 Apr 01 j 21:02	25°♓08'17		
behind sun end	-1853 Apr 02 j 03:13	25°♓41'56		
asc. node	-1853 Apr 03 j 04:39	28°♓00'28		
	-1853 Apr 04 j 02:35	0°♈		
evening rise	-1853 Apr 08 j 23:42	10°♈30'41		
	-1853 Apr 19 j 01:14	0°♉		
evening max el	-1853 May 04 j 10:09	20°♉52'24	24°35'35	
desc. node	-1853 May 14 j 03:15	27°♉14'08		
retrograde	-1853 May 18 j 09:12	27°♉55'37		
evening set	-1853 May 23 j 04:13	27°♉03'47		
min. Earth dist.	-1853 May 28 j 21:58	24°♉07'51	0.56992 AU	
inferior conj	-1853 May 31 j 17:32	22°♉18'34	-4°-4'-41	
minimum elong	-1853 May 31 j 12:30	22°♉26'47	4°03'52	
morning rise	-1853 Jun 09 j 00:43	18°♉11'48		
direct	-1853 Jun 11 j 13:36	17°♉53'53		
morning max el	-1853 Jun 20 j 19:50	22°♉12'13	19°23'40	
	-1853 Jun 27 j 04:27	0°♊		
asc. node	-1853 Jun 30 j 03:58	4°♊47'23		
morning set	-1853 Jul 07 j 23:58	19°♊32'31		
	-1853 Jul 13 j 05:20	0°♋		
superior conj	-1853 Jul 16 j 04:47	5°♋53'03	1°47'40	
minimum elong	-1853 Jul 16 j 04:10	5°♋50'02	1°47'42	
max. Earth dist.	-1853 Jul 22 j 08:34	17°♋35'40	1.37863 AU	
evening rise	-1853 Jul 26 j 05:27	24°♋34'53		
	-1853 Jul 29 j 08:18	0°♌		
desc. node	-1853 Aug 10 j 02:33	18°♌50'44		
	-1853 Aug 17 j 21:11	0°♍		
evening max el	-1853 Aug 31 j 00:02	15°♍45'44	25°05'19	
retrograde	-1853 Sep 11 j 18:55	22°♍35'48		
evening set	-1853 Sep 17 j 12:51	20°♍10'20		
min. Earth dist.	-1853 Sep 22 j 01:41	15°♍03'10	0.67095 AU	
inferior conj	-1853 Sep 23 j 00:04	13°♍49'38	-1°-4'00	
minimum elong	-1853 Sep 23 j 01:38	13°♍44'30	1°03'21	
asc. node	-1853 Sep 26 j 03:07	9°♍58'49		
morning rise	-1853 Sep 28 j 14:52	7°♍46'21		
direct	-1853 Oct 02 j 02:09	6°♍36'39		
morning max el	-1853 Oct 09 j 13:09	10°♍53'39	19°47'37	
greatest brilliancy	-1853 Oct 17 j 11:33	20°♍49'34	-0.6m	
	-1853 Oct 23 j 18:02	0°♎		
morning set	-1853 Nov 03 j 23:26	17°♎10'32		
desc. node	-1853 Nov 06 j 02:00	20°♎26'38		
	-1853 Nov 12 j 04:42	0°♏		
max. Earth dist.	-1853 Nov 16 j 04:43	6°♏19'44	1.44149 AU	
superior conj	-1853 Nov 20 j 17:17	13°♏34'46	-1°-25'-42	
minimum elong	-1853 Nov 20 j 09:39	13°♏03'57	1°25'00	
	-1853 Nov 30 j 16:33	0°♐		
evening rise	-1853 Dec 04 j 09:38	6°♐16'03		
	-1853 Dec 19 j 00:34	0°♑		
evening max el	-1853 Dec 22 j 19:14	4°♑34'08	18°17'59	
asc. node	-1853 Dec 23 j 02:20	4°♑51'52		
retrograde	-1853 Dec 29 j 07:38	8°♑05'50		
evening set	-1852 Jan 01 j 04:04	7°♑22'40		
inferior conj	-1852 Jan 07 j 07:42	1°♑57'10	3°46'10	
minimum elong	-1852 Jan 07 j 05:42	2°♑02'42	3°45'53	
	-1852 Jan 09 j 01:45	30°℞♐		
min. Earth dist.	-1852 Jan 09 j 16:46	29°♐19'04	0.63607 AU	
morning rise	-1852 Jan 13 j 05:47	25°♐56'06		
direct	-1852 Jan 20 j 05:34	23°♐08'59		
	-1852 Feb 01 j 23:16	0°♑		
desc. node	-1852 Feb 02 j 01:15	0°♑04'42		
morning max el	-1852 Feb 02 j 22:31	0°♑56'23	27°37'06	
	-1852 Feb 24 j 09:31	0°♒		
morning set	-1852 Mar 08 j 12:21	23°♒52'32		
	-1852 Mar 11 j 12:53	0°♓		
max. Earth dist.	-1852 Mar 13 j 18:11	4°♓37'41	1.33260 AU	
superior conj	-1852 Mar 16 j 07:11	10°♓01'37	0°-38'-46	
minimum elong	-1852 Mar 16 j 08:58	10°♓11'13	0°38'26	
asc. node	-1852 Mar 20 j 01:40	18°♓08'09		
evening rise	-1852 Mar 23 j 11:20	25°♓23'14		
	-1852 Mar 25 j 16:42	0°♈		
	-1852 Apr 13 j 13:41	0°♉		
evening max el	-1852 Apr 15 j 01:41	1°♉30'49	23°01'15	
retrograde	-1852 Apr 28 j 10:08	8°♉07'10		

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desc. node	-1852 Apr 30 j 00:19	8°♉01'32	
evening set	-1852 May 01 j 20:26	7°♉41'28	
min. Earth dist.	-1852 May 09 j 11:27	4°♉17'59	0.55629 AU
inferior conj	-1852 May 11 j 01:38	3°♉22'36	-2°-54'-48
minimum elong	-1852 May 10 j 19:03	3°♉32'11	2°52'58
	-1852 May 17 j 21:03	30°℞♈	
morning rise	-1852 May 19 j 20:35	29°♈27'06	
direct	-1852 May 22 j 12:30	29°♈10'10	
	-1852 May 26 j 22:50	0°♉	
morning max el	-1852 Jun 02 j 09:11	4°♉12'57	20°34'16
asc. node	-1852 Jun 16 j 01:00	23°♉54'56	
	-1852 Jun 19 j 04:15	0°♊	
morning set	-1852 Jun 21 j 05:37	4°♊09'22	
superior conj	-1852 Jun 28 j 21:40	19°♊56'28	1°41'00
minimum elong	-1852 Jun 28 j 19:44	19°♊46'37	1°40'55
max. Earth dist.	-1852 Jul 03 j 15:32	29°♊24'06	1.36076 AU
	-1852 Jul 03 j 22:55	0°♋	
evening rise	-1852 Jul 07 j 19:04	7°♋17'29	
	-1852 Jul 21 j 01:55	0°♌	
desc. node	-1852 Jul 26 j 23:34	8°♌53'44	
evening max el	-1852 Aug 12 j 11:24	29°♌20'24	26°12'27
	-1852 Aug 13 j 03:57	0°♍	
retrograde	-1852 Aug 25 j 02:07	6°♍29'48	
evening set	-1852 Aug 31 j 10:37	3°♍50'22	
	-1852 Sep 04 j 02:26	30°℞♌	
min. Earth dist.	-1852 Sep 04 j 15:17	29°♌20'56	0.66381 AU
inferior conj	-1852 Sep 06 j 01:20	27°♌35'16	-1°-58'-7
minimum elong	-1852 Sep 06 j 04:12	27°♌26'24	1°57'02
morning rise	-1852 Sep 11 j 22:38	21°♌42'37	
asc. node	-1852 Sep 12 j 00:11	21°♌40'23	
direct	-1852 Sep 15 j 00:26	20°♌48'30	
morning max el	-1852 Sep 21 j 21:19	24°♌39'35	18°54'24
	-1852 Sep 26 j 08:21	0°♍	
morning set	-1852 Oct 13 j 13:10	26°♍16'33	
	-1852 Oct 15 j 21:45	0°♎	
desc. node	-1852 Oct 22 j 23:00	11°♎06'42	
max. Earth dist.	-1852 Oct 28 j 21:57	20°♎29'00	1.44860 AU
superior conj	-1852 Oct 29 j 22:30	22°♎05'43	0°-44'-2
minimum elong	-1852 Oct 29 j 16:55	21°♎43'42	0°43'22
	-1852 Nov 03 j 22:31	0°♏	
evening rise	-1852 Nov 14 j 11:31	16°♏53'06	
	-1852 Nov 22 j 14:16	0°♐	
evening max el	-1852 Dec 05 j 06:45	17°♐58'20	18°46'10
asc. node	-1852 Dec 08 j 23:24	20°♐55'29	
retrograde	-1852 Dec 12 j 00:34	21°♐46'02	
evening set	-1852 Dec 15 j 02:19	20°♐52'15	
inferior conj	-1852 Dec 20 j 22:32	15°♐08'51	3°21'02
minimum elong	-1852 Dec 20 j 19:43	15°♐17'27	3°20'23
min. Earth dist.	-1852 Dec 22 j 16:27	13°♐01'30	0.65113 AU
morning rise	-1852 Dec 26 j 12:03	9°♐00'20	
direct	-1851 Jan 02 j 04:05	6°♐09'53	
morning max el	-1851 Jan 15 j 08:11	13°♐48'51	26°57'52
desc. node	-1851 Jan 18 j 22:19	17°♐39'42	
	-1851 Jan 28 j 12:35	0°♑	
	-1851 Feb 16 j 00:49	0°♒	
morning set	-1851 Feb 20 j 00:35	7°♒29'04	
max. Earth dist.	-1851 Feb 24 j 13:37	16°♒26'58	1.34292 AU
superior conj	-1851 Feb 28 j 09:52	24°♒21'31	-1°-4'-2
minimum elong	-1851 Feb 28 j 12:44	24°♒36'25	1°03'34
	-1851 Mar 03 j 02:18	0°♓	
asc. node	-1851 Mar 06 j 22:43	8°♓07'13	
evening rise	-1851 Mar 07 j 21:23	10°♓05'31	
	-1851 Mar 18 j 10:36	0°♈	
evening max el	-1851 Mar 27 j 22:33	12°♈19'36	21°29'45

retrograde	-1851 Apr 09 j 01:16	18°♈11'39	
evening set	-1851 Apr 11 j 13:16	17°♈57'26	
desc. node	-1851 Apr 16 j 21:24	16°♈05'11	
inferior conj	-1851 Apr 20 j 21:31	13°♈56'27	-1°-7'-35
minimum elong	-1851 Apr 20 j 18:21	14°♈00'53	1°06'29
min. Earth dist.	-1851 Apr 21 j 00:41	13°♈52'00	0.55074 AU
morning rise	-1851 Apr 29 j 23:51	9°♈56'07	
direct	-1851 May 03 j 00:07	9°♈36'18	
morning max el	-1851 May 15 j 11:43	15°♈31'46	22°02'38
	-1851 May 26 j 14:25	0°♉	
asc. node	-1851 Jun 02 j 22:03	13°♉27'36	
morning set	-1851 Jun 05 j 15:12	19°♉00'12	
	-1851 Jun 10 j 20:23	0°♊	
superior conj	-1851 Jun 12 j 22:55	4°♊26'35	1°28'19
minimum elong	-1851 Jun 12 j 20:24	4°♊13'20	1°28'04
max. Earth dist.	-1851 Jun 16 j 07:15	11°♊23'12	1.34617 AU
evening rise	-1851 Jun 21 j 00:58	20°♊49'32	
	-1851 Jun 25 j 22:27	0°♋	
desc. node	-1851 Jul 13 j 20:37	28°♋29'41	
	-1851 Jul 14 j 23:21	0°♌	
evening max el	-1851 Jul 25 j 22:59	12°♌48'27	27°01'07
retrograde	-1851 Aug 08 j 04:08	20°♌07'51	
evening set	-1851 Aug 15 j 00:45	17°♌21'39	
min. Earth dist.	-1851 Aug 18 j 21:54	13°♌30'29	0.65306 AU
inferior conj	-1851 Aug 20 j 20:53	11°♌15'34	-2°-49'-41
minimum elong	-1851 Aug 21 j 00:46	11°♌04'23	2°48'24
morning rise	-1851 Aug 27 j 02:09	5°♌36'48	
direct	-1851 Aug 29 j 20:47	4°♌54'46	
asc. node	-1851 Aug 29 j 21:16	4°♌54'46	
morning max el	-1851 Sep 05 j 10:21	8°♌29'06	18°17'24
	-1851 Sep 20 j 04:19	0°♍	
morning set	-1851 Sep 24 j 06:20	6°♍43'24	
superior conj	-1851 Oct 08 j 23:39	0°♎30'36	0°05'31
minimum elong	-1851 Oct 09 j 00:21	0°♎33'24	0°05'26
behind sun begin	-1851 Oct 08 j 13:50	29°♍51'40	
behind sun end	-1851 Oct 09 j 10:53	1°♎15'06	
	-1851 Oct 08 j 15:56	0°♎	
desc. node	-1851 Oct 09 j 20:01	1°♎51'15	
max. Earth dist.	-1851 Oct 11 j 16:38	4°♎47'27	1.44836 AU
evening rise	-1851 Oct 25 j 13:21	26°♎30'09	
	-1851 Oct 27 j 19:09	0°♏	
greatest brilliancy	-1851 Nov 09 j 22:35	20°♏08'57	-0.7m
	-1851 Nov 17 j 07:39	0°♐	
evening max el	-1851 Nov 18 j 14:48	1°♐24'50	19°31'11
retrograde	-1851 Nov 25 j 21:08	5°♐37'26	
asc. node	-1851 Nov 25 j 20:28	5°♐37'26	
evening set	-1851 Nov 29 j 05:54	4°♐31'10	
	-1851 Dec 03 j 17:43	30°℞♏	
inferior conj	-1851 Dec 04 j 20:49	28°♏32'57	2°45'25
minimum elong	-1851 Dec 04 j 17:53	28°♏42'29	2°44'31
min. Earth dist.	-1851 Dec 06 j 00:47	27°♏02'08	0.66242 AU
morning rise	-1851 Dec 10 j 05:08	22°♏19'27	
direct	-1851 Dec 16 j 08:39	19°♏37'49	
morning max el	-1851 Dec 28 j 17:39	26°♏56'41	25°53'00
	-1851 Dec 31 j 14:35	0°♐	
desc. node	-1850 Jan 05 j 19:21	6°♐15'06	
	-1850 Jan 22 j 03:45	0°♑	
morning set	-1850 Feb 02 j 22:37	20°♑18'24	
max. Earth dist.	-1850 Feb 06 j 21:07	27°♑42'58	1.35767 AU
	-1850 Feb 08 j 01:28	0°♒	
superior conj	-1850 Feb 12 j 05:06	8°♒14'02	-1°-27'-1
minimum elong	-1850 Feb 12 j 08:35	8°♒31'36	1°26'35
evening rise	-1850 Feb 20 j 03:55	24°♒31'05	
asc. node	-1850 Feb 21 j 19:47	27°♒52'56	

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	-1850 Feb 22 j 21:16	0°♓	
evening max el	-1850 Mar 10 j 05:32	23°♓40'20	20°11'27
retrograde	-1850 Mar 20 j 16:23	28°♓39'50	
evening set	-1850 Mar 22 j 21:02	28°♓27'34	
inferior conj	-1850 Mar 31 j 18:50	24°♓28'38	0°49'59
minimum elong	-1850 Mar 31 j 21:01	24°♓25'21	0°49'13
min. Earth dist.	-1850 Apr 02 j 14:53	23°♓22'56	0.55461 AU
desc. node	-1850 Apr 03 j 18:27	22°♓43'04	
morning rise	-1850 Apr 09 j 18:26	20°♓04'46	
direct	-1850 Apr 13 j 13:53	19°♓32'59	
morning max el	-1850 Apr 27 j 05:54	26°♓17'24	23°41'37
	-1850 Apr 30 j 18:36	0°♈	
	-1850 May 19 j 04:39	0°♉	
asc. node	-1850 May 20 j 19:06	3°♉18'45	
morning set	-1850 May 21 j 02:54	3°♉59'31	
superior conj	-1850 May 28 j 05:47	19°♉14'53	1°11'06
minimum elong	-1850 May 28 j 03:16	19°♉01'25	1°10'43
max. Earth dist.	-1850 May 30 j 08:28	23°♉45'36	1.33538 AU
	-1850 Jun 02 j 07:58	0°♊	
evening rise	-1850 Jun 04 j 18:41	4°♊58'33	
	-1850 Jun 18 j 14:36	0°♋	
desc. node	-1850 Jun 30 j 17:39	17°♋27'17	
evening max el	-1850 Jul 08 j 09:47	25°♋59'50	27°24'14
	-1850 Jul 13 j 04:44	0°♌	
retrograde	-1850 Jul 22 j 00:37	3°♌21'53	
evening set	-1850 Jul 29 j 04:15	0°♌40'14	
	-1850 Jul 30 j 00:37	30℞♋	
min. Earth dist.	-1850 Aug 01 j 19:40	27°♋23'56	0.63859 AU
inferior conj	-1850 Aug 04 j 08:13	24°♋46'11	-3°-35'-48
minimum elong	-1850 Aug 04 j 12:32	24°♋34'56	3°34'42
morning rise	-1850 Aug 10 j 22:47	19°♋24'24	
direct	-1850 Aug 13 j 12:40	18°♋51'15	
asc. node	-1850 Aug 16 j 18:19	19°♋43'43	
morning max el	-1850 Aug 20 j 01:36	22°♋17'15	17°57'40
	-1850 Aug 26 j 01:02	0°♌	
morning set	-1850 Sep 06 j 01:54	18°♌26'15	
	-1850 Sep 12 j 20:18	0°♍	
superior conj	-1850 Sep 18 j 18:17	9°♍50'01	0°50'17
minimum elong	-1850 Sep 18 j 23:13	10°♍10'14	0°49'40
max. Earth dist.	-1850 Sep 24 j 09:18	18°♍55'54	1.44099 AU
desc. node	-1850 Sep 26 j 17:03	22°♍37'28	
	-1850 Oct 01 j 09:48	0°♎	
evening rise	-1850 Oct 04 j 21:43	5°♎25'13	
	-1850 Oct 21 j 05:55	0°♏	
greatest brilliancy	-1850 Oct 26 j 13:46	7°♏26'19	-0.5m
evening max el	-1850 Nov 01 j 17:45	14°♏52'02	20°31'00
retrograde	-1850 Nov 09 j 18:38	19°♏36'38	
asc. node	-1850 Nov 12 j 17:31	18°♏46'30	
evening set	-1850 Nov 13 j 12:36	18°♏15'32	
inferior conj	-1850 Nov 18 j 23:59	12°♏06'01	2°02'17
minimum elong	-1850 Nov 18 j 21:31	12°♏14'26	2°01'23
min. Earth dist.	-1850 Nov 19 j 15:37	11°♏13'04	0.67007 AU
morning rise	-1850 Nov 24 j 05:55	5°♏49'57	
direct	-1850 Nov 29 j 18:37	3°♏25'27	
morning max el	-1850 Dec 11 j 02:07	10°♏10'15	24°31'59
desc. node	-1850 Dec 23 j 16:24	25°♏33'23	
	-1850 Dec 26 j 20:20	0°♐	
	-1849 Jan 14 j 20:09	0°♑	
morning set	-1849 Jan 16 j 00:44	2°♑04'25	
max. Earth dist.	-1849 Jan 19 j 18:46	8°♑46'00	1.37641 AU
superior conj	-1849 Jan 26 j 13:34	21°♑30'05	-1°-45'-37
minimum elong	-1849 Jan 26 j 16:49	21°♑45'46	1°45'24
	-1849 Jan 30 j 21:31	0°♒	
evening rise	-1849 Feb 04 j 04:37	8°♒33'07	
asc. node	-1849 Feb 08 j 16:50	17°♒19'26	
	-1849 Feb 16 j 05:52	0°♓	
evening max el	-1849 Feb 20 j 23:24	5°♓38'27	19°11'16
retrograde	-1849 Mar 01 j 19:10	9°♓51'56	
evening set	-1849 Mar 04 j 01:47	9°♓36'17	
inferior conj	-1849 Mar 12 j 06:24	5°♓25'13	2°26'14
minimum elong	-1849 Mar 12 j 11:04	5°♓17'17	2°24'57
min. Earth dist.	-1849 Mar 15 j 06:18	3°♓23'46	0.56715 AU
morning rise	-1849 Mar 20 j 16:20	0°♓29'49	
desc. node	-1849 Mar 21 j 15:31	0°♓09'52	
	-1849 Mar 22 j 05:11	30℞♒	
direct	-1849 Mar 25 j 15:43	29°♒32'10	
	-1849 Mar 29 j 02:21	0°♓	
morning max el	-1849 Apr 08 j 20:41	6°♓49'55	25°18'57
	-1849 Apr 25 j 19:19	0°♈	
morning set	-1849 May 05 j 14:57	19°♈00'09	
asc. node	-1849 May 07 j 16:09	23°♈21'44	
	-1849 May 10 j 17:39	0°♉	
superior conj	-1849 May 12 j 15:56	4°♉12'33	0°50'24
minimum elong	-1849 May 12 j 13:55	4°♉01'33	0°50'01
max. Earth dist.	-1849 May 13 j 17:03	6°♉29'11	1.32836 AU
evening rise	-1849 May 19 j 20:34	19°♉32'00	
	-1849 May 25 j 03:36	0°♊	
	-1849 Jun 12 j 23:44	0°♋	
desc. node	-1849 Jun 17 j 14:41	5°♋29'22	
evening max el	-1849 Jun 20 j 17:40	8°♋41'33	27°16'27
retrograde	-1849 Jul 04 j 14:37	16°♋01'37	
evening set	-1849 Jul 11 j 17:13	13°♋38'26	
min. Earth dist.	-1849 Jul 15 j 07:27	10°♋48'10	0.62074 AU
inferior conj	-1849 Jul 18 j 08:20	7°♋59'29	-4°-12'-8
minimum elong	-1849 Jul 18 j 11:55	7°♋51'07	4°11'33
morning rise	-1849 Jul 25 j 09:14	2°♋57'33	
direct	-1849 Jul 27 j 20:47	2°♋30'34	
morning max el	-1849 Aug 03 j 16:15	5°♋56'46	17°56'12
asc. node	-1849 Aug 03 j 15:22	5°♋54'39	
	-1849 Aug 19 j 03:03	0°♌	
morning set	-1849 Aug 19 j 18:16	1°♌08'45	
superior conj	-1849 Aug 30 j 16:02	20°♌29'41	1°22'36
minimum elong	-1849 Aug 30 j 21:01	20°♌51'04	1°22'07
	-1849 Sep 05 j 07:15	0°♍	
max. Earth dist.	-1849 Sep 06 j 21:50	2°♍38'48	1.42750 AU
desc. node	-1849 Sep 13 j 14:03	13°♍21'47	
evening rise	-1849 Sep 14 j 05:18	14°♍21'42	
	-1849 Sep 24 j 10:55	0°♎	
greatest brilliancy	-1849 Oct 10 j 17:31	22°♎44'21	-0.4m
evening max el	-1849 Oct 15 j 14:47	28°♎19'27	21°42'36
	-1849 Oct 17 j 08:41	0°♏	
retrograde	-1849 Oct 24 j 15:07	3°♏40'49	
evening set	-1849 Oct 28 j 20:29	2°♏02'35	
asc. node	-1849 Oct 30 j 14:33	0°♏24'02	
	-1849 Oct 30 j 23:14	30℞♎	
inferior conj	-1849 Nov 03 j 05:56	25°♎45'14	1°13'49
minimum elong	-1849 Nov 03 j 04:18	25°♎50'53	1°13'09
min. Earth dist.	-1849 Nov 03 j 10:28	25°♎29'34	0.67434 AU
morning rise	-1849 Nov 08 j 11:50	19°♎29'18	
direct	-1849 Nov 13 j 09:13	17°♎26'13	
morning max el	-1849 Nov 23 j 11:36	23°♎27'06	23°04'54
greatest brilliancy	-1849 Nov 28 j 09:44	28°♎58'28	-0.3m
	-1849 Nov 29 j 05:47	0°♏	
desc. node	-1849 Dec 10 j 13:26	15°♏22'08	
	-1849 Dec 20 j 06:24	0°♐	
morning set	-1849 Dec 28 j 00:43	12°♐31'01	
max. Earth dist.	-1848 Jan 01 j 14:07	20°♐14'19	1.39733 AU
	-1848 Jan 07 j 02:42	0°♑	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1848 Jan 09 j 07:00	3°♑58'29	-1°-56'-59	
minimum elong	-1848 Jan 09 j 08:35	4°♑05'46	1°57'00	
evening rise	-1848 Jan 18 j 20:43	22°♑04'52		
	-1848 Jan 23 j 01:05	0°♒		
asc. node	-1848 Jan 26 j 13:52	6°♒20'12		
evening max el	-1848 Feb 04 j 02:14	18°♒09'30	18°30'54	
retrograde	-1848 Feb 11 j 16:29	21°♒52'28		
evening set	-1848 Feb 14 j 03:11	21°♒30'37		
inferior conj	-1848 Feb 21 j 14:23	16°♒59'31	3°26'34	
minimum elong	-1848 Feb 21 j 17:58	16°♒52'24	3°25'58	
min. Earth dist.	-1848 Feb 25 j 00:19	14°♒18'27	0.58550 AU	
morning rise	-1848 Feb 29 j 05:03	11°♒36'35		
direct	-1848 Mar 06 j 06:47	10°♒02'24		
desc. node	-1848 Mar 07 j 12:34	10°♒06'18		
morning max el	-1848 Mar 20 j 14:02	17°♒37'39	26°39'29	
	-1848 Mar 30 j 20:32	0°♓		
	-1848 Apr 17 j 03:54	0°♈		
morning set	-1848 Apr 19 j 01:42	3°♈56'22		
asc. node	-1848 Apr 23 j 13:12	13°♈31'49		
superior conj	-1848 Apr 26 j 03:35	19°♈13'07	0°27'07	
minimum elong	-1848 Apr 26 j 02:24	19°♈06'40	0°26'53	
max. Earth dist.	-1848 Apr 26 j 05:42	19°♈24'42	1.32493 AU	
	-1848 May 01 j 02:34	0°♉		
evening rise	-1848 May 03 j 03:52	4°♉20'39		
	-1848 May 16 j 22:31	0°♊		
evening max el	-1848 Jun 01 j 20:06	20°♊42'37	26°35'40	
desc. node	-1848 Jun 03 j 11:42	22°♊12'45		
retrograde	-1848 Jun 15 j 20:34	27°♊59'07		
evening set	-1848 Jun 22 j 11:14	26°♊07'30		
min. Earth dist.	-1848 Jun 26 j 09:27	23°♊28'40	0.60063 AU	
inferior conj	-1848 Jun 29 j 17:40	20°♊46'41	-4°-31'-54	
minimum elong	-1848 Jun 29 j 18:53	20°♊44'14	4°31'50	
morning rise	-1848 Jul 07 j 05:48	16°♊06'58		
direct	-1848 Jul 09 j 17:05	15°♊44'17		
morning max el	-1848 Jul 17 j 03:23	19°♊20'20	18°14'06	
asc. node	-1848 Jul 20 j 12:26	23°♊12'23		
	-1848 Jul 25 j 00:35	0°♋		
morning set	-1848 Aug 02 j 01:57	14°♋36'23		
	-1848 Aug 10 j 07:26	0°♌		
superior conj	-1848 Aug 11 j 15:33	2°♌26'12	1°41'12	
minimum elong	-1848 Aug 11 j 18:23	2°♌39'05	1°41'04	
max. Earth dist.	-1848 Aug 19 j 05:09	15°♌43'49	1.40966 AU	
evening rise	-1848 Aug 24 j 05:57	24°♌06'58		
	-1848 Aug 27 j 21:43	0°♍		
desc. node	-1848 Aug 30 j 11:02	4°♍00'44		
	-1848 Sep 17 j 09:11	0°♎		
greatest brilliancy	-1848 Sep 22 j 00:07	5°♎53'32	-0.2m	
evening max el	-1848 Sep 27 j 06:25	11°♎47'35	23°01'24	
retrograde	-1848 Oct 07 j 09:03	17°♎47'06		
evening set	-1848 Oct 12 j 03:49	15°♎50'05		
asc. node	-1848 Oct 16 j 11:36	10°♎54'46		
inferior conj	-1848 Oct 17 j 12:47	9°♎28'27	0°21'41	
minimum elong	-1848 Oct 17 j 12:17	9°♎30'12	0°21'27	
min. Earth dist.	-1848 Oct 17 j 06:55	9°♎48'41	0.67547 AU	
morning rise	-1848 Oct 22 j 20:44	3°♎15'18		
direct	-1848 Oct 27 j 03:29	1°♎34'36		
morning max el	-1848 Nov 05 j 01:33	6°♎50'06	21°40'27	
greatest brilliancy	-1848 Nov 10 j 00:49	12°♎30'32	-0.4m	
	-1848 Nov 22 j 16:58	0°♏		
desc. node	-1848 Nov 26 j 10:25	5°♏32'04		
morning set	-1848 Dec 06 j 19:36	21°♏33'48		
	-1848 Dec 12 j 01:06	0°♐		
max. Earth dist.	-1848 Dec 13 j 14:34	2°♐34'21	1.41758 AU	
superior conj	-1848 Dec 21 j 03:54	15°♐24'37	-1°-57'-20	
minimum elong	-1848 Dec 21 j 02:01	15°♐16'25	1°57'20	
	-1848 Dec 29 j 07:44	0°♑		
evening rise	-1847 Jan 01 j 00:46	4°♑57'48		
asc. node	-1847 Jan 12 j 10:53	24°♑46'19		
	-1847 Jan 16 j 10:31	0°♒		
evening max el	-1847 Jan 17 j 11:05	1°♒04'17	18°10'35	
retrograde	-1847 Jan 24 j 07:33	4°♒32'48		
evening set	-1847 Jan 26 j 21:50	4°♒03'30		
	-1847 Feb 01 j 20:32	30°℞♑		
inferior conj	-1847 Feb 02 j 18:21	29°♑10'20	3°53'16	
minimum elong	-1847 Feb 02 j 19:27	29°♑07'48	3°53'10	
min. Earth dist.	-1847 Feb 06 j 00:01	26°♑12'57	0.60604 AU	
morning rise	-1847 Feb 09 j 14:13	23°♑27'38		
direct	-1847 Feb 16 j 08:54	21°♑16'33		
desc. node	-1847 Feb 22 j 09:37	22°♑50'44		
morning max el	-1847 Mar 02 j 13:27	29°♑01'04	27°30'24	
	-1847 Mar 03 j 12:56	0°♒		
	-1847 Mar 24 j 15:44	0°♓		
morning set	-1847 Apr 03 j 09:21	18°♓41'23		
	-1847 Apr 08 j 17:06	0°♈		
max. Earth dist.	-1847 Apr 09 j 18:33	2°♈18'34	1.32495 AU	
asc. node	-1847 Apr 10 j 10:15	3°♈44'19		
superior conj	-1847 Apr 10 j 15:01	4°♈10'25	0°02'07	
minimum elong	-1847 Apr 10 j 14:55	4°♈09'52	0°02'06	
behind sun begin	-1847 Apr 10 j 09:55	3°♈42'32		
behind sun end	-1847 Apr 10 j 19:55	4°♈37'14		
evening rise	-1847 Apr 17 j 14:21	19°♈16'17		
	-1847 Apr 22 j 21:24	0°♉		
	-1847 May 12 j 16:28	0°♊		
evening max el	-1847 May 14 j 15:49	1°♊59'37	25°25'26	
desc. node	-1847 May 21 j 08:44	7°♊05'58		
retrograde	-1847 May 28 j 17:00	9°♊10'27		
evening set	-1847 Jun 03 j 07:02	7°♊57'20		
min. Earth dist.	-1847 Jun 08 j 03:48	5°♊12'21	0.58039 AU	
inferior conj	-1847 Jun 11 j 08:43	2°♊58'00	-4°-25'-11	
minimum elong	-1847 Jun 11 j 05:59	3°♊02'50	4°24'56	
	-1847 Jun 16 j 00:46	30°℞♉		
morning rise	-1847 Jun 19 j 08:51	28°♉40'44		
direct	-1847 Jun 21 j 21:05	28°♉21'17		
	-1847 Jun 27 j 08:02	0°♊		
morning max el	-1847 Jun 30 j 08:09	2°♊19'39	18°52'22	
asc. node	-1847 Jul 07 j 09:30	11°♊22'30		
morning set	-1847 Jul 16 j 20:41	28°♊38'06		
	-1847 Jul 17 j 13:23	0°♋		
superior conj	-1847 Jul 25 j 11:21	15°♋24'53	1°48'03	
minimum elong	-1847 Jul 25 j 11:51	15°♋27'13	1°48'06	
max. Earth dist.	-1847 Aug 01 j 08:16	28°♋06'18	1.38984 AU	
	-1847 Aug 02 j 09:52	0°♌		
evening rise	-1847 Aug 05 j 07:52	5°♌04'44		
desc. node	-1847 Aug 17 j 08:02	24°♌30'34		
	-1847 Aug 20 j 23:59	0°♍		
evening max el	-1847 Sep 09 j 18:33	25°♍18'38	24°21'24	
	-1847 Sep 15 j 10:37	0°♎		
retrograde	-1847 Sep 20 j 23:32	1°♎52'52		
	-1847 Sep 25 j 21:42	30°℞♍		
evening set	-1847 Sep 26 j 08:56	29°♍37'00		
min. Earth dist.	-1847 Oct 01 j 02:36	24°♍09'29	0.67352 AU	
inferior conj	-1847 Oct 01 j 18:53	23°♍14'44	0°-32'-28	
minimum elong	-1847 Oct 01 j 19:40	23°♍12'06	0°32'09	
asc. node	-1847 Oct 03 j 08:39	21°♍10'08		
morning rise	-1847 Oct 07 j 06:43	17°♍07'10		
direct	-1847 Oct 11 j 00:27	15°♍47'10		
morning max el	-1847 Oct 18 j 22:36	20°♍23'07	20°25'07	
greatest brilliancy	-1847 Oct 25 j 10:27	28°♍11'04	-0.5m	
	-1847 Oct 26 j 18:36	0°♎		

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desc. node	-1847 Nov 13 j 07:27	25°♎57'25	
morning set	-1847 Nov 15 j 18:35	29°♎45'42	
	-1847 Nov 15 j 22:17	0°♏	
max. Earth dist.	-1847 Nov 25 j 22:28	15°♏47'14	1.43431 AU
superior conj	-1847 Dec 01 j 23:03	25°♏36'52	-1°-42'-23
minimum elong	-1847 Dec 01 j 16:52	25°♏11'20	1°41'58
	-1847 Dec 04 j 14:12	0°♐	
evening rise	-1847 Dec 14 j 12:43	17°♐03'57	
	-1847 Dec 21 j 23:51	0°♑	
asc. node	-1847 Dec 30 j 07:55	12°♑27'24	
evening max el	-1847 Dec 31 j 23:03	14°♑15'02	18°09'50
retrograde	-1846 Jan 07 j 12:01	17°♑42'34	
evening set	-1846 Jan 10 j 05:54	17°♑04'54	
inferior conj	-1846 Jan 16 j 14:52	11°♑50'41	3°54'15
minimum elong	-1846 Jan 16 j 13:46	11°♑53'33	3°54'09
min. Earth dist.	-1846 Jan 19 j 08:27	9°♑00'04	0.62579 AU
morning rise	-1846 Jan 22 j 19:38	5°♑54'44	
direct	-1846 Jan 29 j 20:14	3°♑16'30	
desc. node	-1846 Feb 09 j 06:41	7°♑55'37	
morning max el	-1846 Feb 12 j 18:50	11°♑05'28	27°45'07
	-1846 Feb 27 j 16:55	0°♒	
	-1846 Mar 16 j 22:15	0°♓	
morning set	-1846 Mar 18 j 11:45	3°♓07'38	
max. Earth dist.	-1846 Mar 24 j 03:36	14°♓56'19	1.32862 AU
superior conj	-1846 Mar 26 j 00:35	18°♓58'25	0°-23'-49
minimum elong	-1846 Mar 26 j 01:41	19°♓04'24	0°23'36
asc. node	-1846 Mar 28 j 07:17	23°♓55'05	
	-1846 Mar 31 j 02:47	0°♈	
evening rise	-1846 Apr 02 j 02:05	4°♈11'51	
	-1846 Apr 16 j 01:51	0°♉	
evening max el	-1846 Apr 26 j 07:07	12°♉44'37	23°55'55
desc. node	-1846 May 08 j 05:48	19°♉31'48	
retrograde	-1846 May 10 j 01:54	19°♉39'31	
evening set	-1846 May 14 j 06:30	19°♉00'32	
min. Earth dist.	-1846 May 20 j 18:18	15°♉54'15	0.56326 AU
inferior conj	-1846 May 23 j 03:34	14°♉26'20	-3°-40'-27
minimum elong	-1846 May 22 j 21:20	14°♉35'57	3°39'06
morning rise	-1846 May 31 j 16:01	10°♉26'14	
direct	-1846 Jun 03 j 05:43	10°♉09'09	
morning max el	-1846 Jun 13 j 03:49	14°♉44'40	19°51'21
asc. node	-1846 Jun 24 j 06:34	0°♊12'06	
	-1846 Jun 24 j 03:51	0°♊	
morning set	-1846 Jun 30 j 23:05	13°♊04'09	
superior conj	-1846 Jul 08 j 21:52	29°♊08'48	1°45'42
minimum elong	-1846 Jul 08 j 20:36	29°♊02'29	1°45'41
	-1846 Jul 09 j 08:10	0°♋	
max. Earth dist.	-1846 Jul 14 j 11:39	9°♋58'05	1.37064 AU
evening rise	-1846 Jul 18 j 09:49	17°♋12'47	
	-1846 Jul 25 j 19:13	0°♌	
desc. node	-1846 Aug 04 j 05:05	14°♌45'24	
	-1846 Aug 15 j 08:12	0°♍	
evening max el	-1846 Aug 23 j 05:33	8°♍52'27	25°35'32
retrograde	-1846 Sep 04 j 09:44	15°♍52'49	
evening set	-1846 Sep 10 j 10:00	13°♍20'33	
min. Earth dist.	-1846 Sep 14 j 19:12	8°♍29'14	0.66833 AU
inferior conj	-1846 Sep 15 j 22:28	7°♍01'30	-1°-27'-8
minimum elong	-1846 Sep 16 j 00:36	6°♍54'39	1°26'17
asc. node	-1846 Sep 20 j 05:43	2°♍07'21	
morning rise	-1846 Sep 21 j 15:52	1°♍02'25	
direct	-1846 Sep 24 j 22:42	29°♌59'58	
	-1846 Sep 24 j 20:52	30°℞♌	
	-1846 Sep 25 j 00:29	0°♍	
morning max el	-1846 Oct 02 j 03:04	4°♍05'08	19°23'02
greatest brilliancy	-1846 Oct 11 j 18:46	16°♍39'11	-0.7m
	-1846 Oct 20 j 13:21	0°♎	
morning set	-1846 Oct 25 j 20:29	8°♎13'49	
desc. node	-1846 Oct 31 j 04:29	16°♎33'12	
max. Earth dist.	-1846 Nov 08 j 12:28	29°♎38'41	1.44534 AU
	-1846 Nov 08 j 17:51	0°♏	
superior conj	-1846 Nov 11 j 15:39	4°♏37'01	-1°-9'-43
minimum elong	-1846 Nov 11 j 08:06	4°♏06'57	1°08'55
evening rise	-1846 Nov 26 j 04:05	28°♏14'56	
	-1846 Nov 27 j 05:22	0°♐	
evening max el	-1846 Dec 15 j 11:27	27°♐35'47	18°27'53
asc. node	-1846 Dec 17 j 04:57	29°♐10'48	
	-1846 Dec 18 j 08:12	0°♑	
retrograde	-1846 Dec 22 j 01:26	1°♑13'21	
evening set	-1846 Dec 24 j 23:49	0°♑26'04	
	-1846 Dec 25 j 17:25	30°℞♐	
inferior conj	-1846 Dec 31 j 00:02	24°♐52'49	3°37'01
minimum elong	-1846 Dec 30 j 21:36	24°♐59'54	3°36'35
min. Earth dist.	-1845 Jan 02 j 02:43	22°♐26'18	0.64285 AU
morning rise	-1845 Jan 05 j 18:00	18°♐48'02	
direct	-1845 Jan 12 j 15:16	15°♐57'28	
morning max el	-1845 Jan 26 j 03:39	23°♐43'35	27°24'08
desc. node	-1845 Jan 27 j 03:45	24°♐44'54	
	-1845 Jan 31 j 19:26	0°♑	
	-1845 Feb 21 j 00:10	0°♒	
morning set	-1845 Mar 02 j 06:12	17°♒06'04	
max. Earth dist.	-1845 Mar 07 j 04:48	27°♒04'57	1.33633 AU
	-1845 Mar 08 j 14:23	0°♓	
superior conj	-1845 Mar 10 j 06:26	3°♓31'12	0°-49'-39
minimum elong	-1845 Mar 10 j 08:43	3°♓43'16	0°49'14
asc. node	-1845 Mar 15 j 04:20	14°♓00'03	
evening rise	-1845 Mar 17 j 13:17	19°♓01'09	
	-1845 Mar 23 j 00:08	0°♈	
evening max el	-1845 Apr 08 j 00:15	23°♈25'11	22°21'25
retrograde	-1845 Apr 20 j 22:19	29°♈44'52	
evening set	-1845 Apr 23 j 20:58	29°♈25'48	
desc. node	-1845 Apr 25 j 02:51	29°♈06'52	
min. Earth dist.	-1845 May 02 j 07:58	25°♈46'27	0.55276 AU
inferior conj	-1845 May 03 j 05:19	25°♈16'10	-2°-12'-52
minimum elong	-1845 May 02 j 23:37	25°♈24'16	2°11'03
morning rise	-1845 May 12 j 04:13	21°♈20'36	
direct	-1845 May 14 j 22:25	21°♈03'16	
morning max el	-1845 May 26 j 12:38	26°♈28'41	21°09'52
	-1845 May 29 j 20:42	0°♉	
asc. node	-1845 Jun 11 j 03:39	19°♉31'50	
morning set	-1845 Jun 15 j 06:41	27°♉48'03	
	-1845 Jun 16 j 08:12	0°♊	
superior conj	-1845 Jun 22 j 18:44	13°♊25'20	1°36'16
minimum elong	-1845 Jun 22 j 16:28	13°♊13'38	1°36'06
max. Earth dist.	-1845 Jun 26 j 21:44	21°♊47'45	1.35414 AU
evening rise	-1845 Jul 01 j 07:02	0°♋18'56	
	-1845 Jul 01 j 03:02	0°♋	
	-1845 Jul 18 j 21:30	0°♌	
desc. node	-1845 Jul 22 j 02:06	4°♌38'11	
evening max el	-1845 Aug 05 j 17:06	22°♌25'45	26°35'48
retrograde	-1845 Aug 18 j 14:56	29°♌40'52	
evening set	-1845 Aug 25 j 04:51	26°♌57'39	
min. Earth dist.	-1845 Aug 29 j 06:15	22°♌44'16	0.65970 AU
inferior conj	-1845 Aug 30 j 21:36	20°♌45'42	-2°-20'-28
minimum elong	-1845 Aug 31 j 00:56	20°♌35'37	2°19'15
morning rise	-1845 Sep 05 j 22:06	14°♌58'18	
asc. node	-1845 Sep 07 j 02:48	14°♌26'51	
direct	-1845 Sep 08 j 20:29	14°♌09'48	
morning max el	-1845 Sep 15 j 13:33	17°♌53'01	18°36'28
	-1845 Sep 24 j 15:15	0°♍	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning set	-1845 Oct 05 j 21:22	17°♍53'03	
	-1845 Oct 13 j 11:26	0°♎	
desc. node	-1845 Oct 18 j 01:30	7°♎15'35	
superior conj	-1845 Oct 21 j 16:20	12°♎57'42	0°-23'-13
minimum elong	-1845 Oct 21 j 13:16	12°♎45'36	0°22'50
max. Earth dist.	-1845 Oct 22 j 06:15	13°♎52'27	1.44942 AU
	-1845 Nov 01 j 11:57	0°♏	
evening rise	-1845 Nov 06 j 19:28	8°♏25'17	
	-1845 Nov 20 j 13:01	0°♐	
evening max el	-1845 Nov 28 j 21:47	11°♐01'30	19°03'28
asc. node	-1845 Dec 04 j 01:59	14°♐41'26	
retrograde	-1845 Dec 05 j 20:06	14°♐58'35	
evening set	-1845 Dec 09 j 00:36	13°♐59'47	
inferior conj	-1845 Dec 14 j 18:22	8°♐10'00	3°06'58
minimum elong	-1845 Dec 14 j 15:24	8°♐19'15	3°06'12
min. Earth dist.	-1845 Dec 16 j 06:15	6°♐17'34	0.65640 AU
morning rise	-1845 Dec 20 j 05:17	1°♐59'13	
	-1845 Dec 23 j 03:34	30°℞♏	
direct	-1845 Dec 26 j 16:35	29°♏10'54	
	-1845 Dec 30 j 12:02	0°♐	
morning max el	-1844 Jan 08 j 13:08	6°♐42'55	26°32'51
desc. node	-1844 Jan 14 j 00:48	12°♐47'58	
	-1844 Jan 26 j 14:49	0°♑	
	-1844 Feb 13 j 07:52	0°♒	
morning set	-1844 Feb 13 j 12:56	0°♒23'56	
max. Earth dist.	-1844 Feb 17 j 18:54	8°♒37'22	1.34859 AU
superior conj	-1844 Feb 22 j 06:17	17°♒40'25	-1°-14'-10
minimum elong	-1844 Feb 22 j 09:28	17°♒56'52	1°13'42
	-1844 Feb 28 j 04:17	0°♓	
evening rise	-1844 Feb 29 j 22:02	3°♓36'45	
asc. node	-1844 Mar 01 j 01:22	3°♓53'54	
	-1844 Mar 16 j 01:41	0°♈	
evening max el	-1844 Mar 20 j 01:12	4°♈26'11	20°54'34
retrograde	-1844 Mar 31 j 11:22	9°♈55'20	
evening set	-1844 Apr 02 j 18:43	9°♈42'48	
desc. node	-1844 Apr 10 j 23:54	6°♈19'17	
inferior conj	-1844 Apr 11 j 23:56	5°♈45'14	0°-16'-58
minimum elong	-1844 Apr 11 j 23:08	5°♈46'22	0°16'42
min. Earth dist.	-1844 Apr 12 j 21:35	5°♈14'26	0.55124 AU
morning rise	-1844 Apr 21 j 02:32	1°♈36'45	
direct	-1844 Apr 24 j 09:50	1°♈13'04	
morning max el	-1844 May 07 j 10:58	7°♈30'49	22°43'55
	-1844 May 23 j 07:35	0°♉	
asc. node	-1844 May 28 j 00:43	9°♉13'05	
morning set	-1844 May 29 j 17:22	12°♉43'03	
superior conj	-1844 Jun 05 j 22:39	28°♉03'52	1°21'30
minimum elong	-1844 Jun 05 j 20:04	27°♉50'09	1°21'11
	-1844 Jun 06 j 20:36	0°♊	
max. Earth dist.	-1844 Jun 08 j 17:45	3°♊56'46	1.34119 AU
evening rise	-1844 Jun 13 j 18:28	14°♊08'18	
	-1844 Jun 22 j 07:56	0°♋	
desc. node	-1844 Jul 07 j 23:08	23°♋59'24	
	-1844 Jul 12 j 18:26	0°♌	
evening max el	-1844 Jul 18 j 04:51	5°♌49'15	27°14'27
retrograde	-1844 Jul 31 j 14:34	13°♌09'40	
evening set	-1844 Aug 07 j 14:52	10°♌24'15	
min. Earth dist.	-1844 Aug 11 j 09:24	6°♌48'19	0.64740 AU
inferior conj	-1844 Aug 13 j 14:01	4°♌23'00	-3°-10'-8
minimum elong	-1844 Aug 13 j 18:11	4°♌11'27	3°08'53
	-1844 Aug 18 j 01:55	30°℞♋	
morning rise	-1844 Aug 19 j 23:04	28°♋50'46	
direct	-1844 Aug 22 j 15:27	28°♋12'45	
asc. node	-1844 Aug 23 j 23:53	28°♋22'25	
	-1844 Aug 27 j 05:23	0°♌	

morning max el	-1844 Aug 29 j 03:47	1°♌42'27	18°06'45
morning set	-1844 Sep 16 j 02:25	28°♌54'42	
	-1844 Sep 16 j 18:00	0°♍	
superior conj	-1844 Sep 29 j 22:45	21°♍39'52	0°25'44
minimum elong	-1844 Sep 30 j 01:47	21°♍52'01	0°25'19
desc. node	-1844 Oct 03 j 22:31	28°♍01'22	
max. Earth dist.	-1844 Oct 04 j 00:52	28°♍10'38	1.44612 AU
	-1844 Oct 05 j 04:31	0°♎	
evening rise	-1844 Oct 16 j 12:29	17°♎41'23	
	-1844 Oct 24 j 12:29	0°♏	
greatest brilliancy	-1844 Nov 03 j 18:49	15°♏14'02	-0.6m
evening max el	-1844 Nov 11 j 03:56	24°♏29'12	19°55'00
retrograde	-1844 Nov 18 j 17:15	28°♏54'08	
asc. node	-1844 Nov 19 j 23:02	28°♏45'17	
evening set	-1844 Nov 22 j 05:47	27°♏41'42	
inferior conj	-1844 Nov 27 j 19:00	21°♏38'19	2°27'53
minimum elong	-1844 Nov 27 j 16:12	21°♏47'36	2°26'57
min. Earth dist.	-1844 Nov 28 j 17:28	20°♏23'48	0.66616 AU
morning rise	-1844 Dec 03 j 02:00	15°♏23'43	
direct	-1844 Dec 08 j 23:28	12°♏48'41	
morning max el	-1844 Dec 20 j 22:00	19°♏53'45	25°19'55
	-1844 Dec 29 j 14:12	0°♐	
desc. node	-1844 Dec 30 j 21:50	1°♐43'27	
	-1843 Jan 18 j 18:02	0°♑	
morning set	-1843 Jan 26 j 03:09	12°♑47'46	
max. Earth dist.	-1843 Jan 29 j 21:45	19°♑44'40	1.36530 AU
	-1843 Feb 04 j 05:29	0°♒	
superior conj	-1843 Feb 04 j 21:21	1°♒18'29	-1°-35'-35
minimum elong	-1843 Feb 05 j 00:52	1°♒35'56	1°35'15
evening rise	-1843 Feb 13 j 02:22	17°♒53'00	
asc. node	-1843 Feb 15 j 22:23	23°♒31'53	
	-1843 Feb 19 j 08:09	0°♓	
evening max el	-1843 Mar 02 j 12:49	16°♓02'00	19°43'24
retrograde	-1843 Mar 12 j 05:58	20°♓40'18	
evening set	-1843 Mar 14 j 11:04	20°♓26'57	
inferior conj	-1843 Mar 23 j 01:52	16°♓23'54	1°34'48
minimum elong	-1843 Mar 23 j 05:36	16°♓18'01	1°33'36
min. Earth dist.	-1843 Mar 25 j 11:43	14°♓53'32	0.55907 AU
desc. node	-1843 Mar 28 j 20:57	13°♓00'02	
morning rise	-1843 Mar 31 j 20:51	11°♓47'14	
direct	-1843 Apr 05 j 03:46	11°♓06'17	
morning max el	-1843 Apr 19 j 02:44	18°♓06'09	24°24'12
	-1843 Apr 28 j 21:38	0°♈	
morning set	-1843 May 14 j 05:24	27°♈43'16	
asc. node	-1843 May 14 j 21:46	29°♈09'32	
	-1843 May 15 j 07:17	0°♉	
superior conj	-1843 May 21 j 07:07	12°♉56'18	1°02'40
minimum elong	-1843 May 21 j 04:46	12°♉43'35	1°02'17
max. Earth dist.	-1843 May 22 j 22:39	16°♉29'29	1.33197 AU
evening rise	-1843 May 28 j 15:59	28°♉28'20	
	-1843 May 29 j 10:10	0°♊	
	-1843 Jun 15 j 12:33	0°♋	
desc. node	-1843 Jun 24 j 20:09	12°♋35'31	
evening max el	-1843 Jun 30 j 14:43	18°♋49'25	27°24'54
retrograde	-1843 Jul 14 j 08:05	26°♋10'15	
evening set	-1843 Jul 21 j 12:40	23°♋34'39	
min. Earth dist.	-1843 Jul 25 j 02:50	20°♋31'06	0.63142 AU
inferior conj	-1843 Jul 27 j 20:58	17°♋47'02	-3°-52'-45
minimum elong	-1843 Jul 28 j 01:09	17°♋36'38	3°51'50
morning rise	-1843 Aug 03 j 15:49	12°♋33'24	
direct	-1843 Aug 06 j 04:33	12°♋03'02	
asc. node	-1843 Aug 10 j 20:58	13°♋47'59	
morning max el	-1843 Aug 12 j 19:08	15°♋27'37	17°54'46
	-1843 Aug 22 j 23:00	0°♌	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning set	-1843 Aug 29 j 07:33	11°♌04'59	
	-1843 Sep 09 j 06:29	0°♍	
superior conj	-1843 Sep 10 j 04:32	1°♍32'20	1°05'43
minimum elong	-1843 Sep 10 j 09:55	1°♍54'47	1°05'06
max. Earth dist.	-1843 Sep 16 j 16:34	12°♍12'11	1.43595 AU
desc. node	-1843 Sep 20 j 19:31	18°♍46'59	
evening rise	-1843 Sep 25 j 18:08	26°♍30'51	
	-1843 Sep 28 j 00:23	0°♎	
	-1843 Oct 18 j 13:22	0°♏	
greatest brilliancy	-1843 Oct 19 j 16:19	1°♏28'05	-0.5m
evening max el	-1843 Oct 25 j 04:20	7°♏56'04	21°00'11
retrograde	-1843 Nov 02 j 14:34	12°♏55'52	
evening set	-1843 Nov 06 j 13:13	11°♏27'31	
asc. node	-1843 Nov 06 j 20:06	11°♏14'06	
inferior conj	-1843 Nov 11 j 23:34	5°♏14'01	1°42'16
minimum elong	-1843 Nov 11 j 21:24	5°♏21'25	1°41'25
min. Earth dist.	-1843 Nov 12 j 10:15	4°♏37'25	0.67232 AU
	-1843 Nov 16 j 03:18	30°℞♎	
morning rise	-1843 Nov 17 j 05:13	28°♎57'48	
direct	-1843 Nov 22 j 11:17	26°♎42'24	
	-1843 Nov 29 j 19:41	0°♏	
morning max el	-1843 Dec 03 j 06:41	3°♏09'03	23°55'08
desc. node	-1843 Dec 17 j 18:52	21°♏15'37	
	-1843 Dec 23 j 19:00	0°♐	
morning set	-1842 Jan 07 j 18:49	24°♐01'14	
	-1842 Jan 11 j 05:17	0°♑	
max. Earth dist.	-1842 Jan 11 j 17:45	0°♑55'15	1.38524 AU
superior conj	-1842 Jan 18 j 23:57	14°♑15'08	-1°-51'-32
minimum elong	-1842 Jan 19 j 02:42	14°♑28'09	1°51'26
	-1842 Jan 27 j 02:45	0°♒	
evening rise	-1842 Jan 27 j 23:46	1°♒42'54	
asc. node	-1842 Feb 02 j 19:24	12°♒48'09	
evening max el	-1842 Feb 13 j 10:40	28°♒14'07	18°51'33
	-1842 Feb 15 j 12:52	0°♓	
retrograde	-1842 Feb 21 j 16:40	2°♓13'06	
evening set	-1842 Feb 24 j 00:52	1°♓55'07	
	-1842 Feb 28 j 08:54	30°℞♒	
inferior conj	-1842 Mar 03 j 21:49	27°♒35'46	2°56'23
minimum elong	-1842 Mar 04 j 02:20	27°♒27'33	2°55'20
min. Earth dist.	-1842 Mar 07 j 03:55	25°♒14'57	0.57441 AU
morning rise	-1842 Mar 11 j 23:47	22°♒27'29	
desc. node	-1842 Mar 15 j 17:59	21°♒22'29	
direct	-1842 Mar 17 j 10:51	21°♒15'23	
morning max el	-1842 Mar 31 j 18:09	28°♒42'15	25°56'21
	-1842 Apr 02 j 01:15	0°♓	
	-1842 Apr 22 j 08:30	0°♈	
morning set	-1842 Apr 28 j 17:07	12°♈43'01	
asc. node	-1842 May 01 j 18:47	19°♈16'06	
superior conj	-1842 May 05 j 18:07	27°♈56'02	0°40'47
minimum elong	-1842 May 05 j 16:25	27°♈46'45	0°40'28
max. Earth dist.	-1842 May 06 j 09:24	29°♈19'34	1.32639 AU
	-1842 May 06 j 16:48	0°♉	
evening rise	-1842 May 12 j 20:27	13°♉09'07	
	-1842 May 21 j 13:01	0°♊	
desc. node	-1842 Jun 11 j 17:11	0°♋07'42	
	-1842 Jun 11 j 14:08	0°♋	
evening max el	-1842 Jun 12 j 20:20	1°♋14'19	27°03'04
retrograde	-1842 Jun 26 j 18:59	8°♋33'40	
evening set	-1842 Jul 03 j 18:11	6°♋22'05	
min. Earth dist.	-1842 Jul 07 j 10:07	3°♋39'09	0.61233 AU
inferior conj	-1842 Jul 10 j 15:15	0°♋50'30	-4°-23'-4
minimum elong	-1842 Jul 10 j 18:03	0°♋44'19	4°22'45
	-1842 Jul 11 j 14:27	30°℞♊	
morning rise	-1842 Jul 17 j 20:52	25°♊58'13	
direct	-1842 Jul 20 j 08:05	25°♊33'18	
morning max el	-1842 Jul 27 j 08:45	29°♊02'11	18°01'28
	-1842 Jul 28 j 07:19	0°♋	
asc. node	-1842 Jul 28 j 18:02	0°♋29'38	
morning set	-1842 Aug 12 j 07:05	24°♋08'36	
	-1842 Aug 15 j 11:26	0°♌	
superior conj	-1842 Aug 22 j 13:57	12°♌47'13	1°32'03
minimum elong	-1842 Aug 22 j 18:09	13°♌05'39	1°31'44
max. Earth dist.	-1842 Aug 30 j 02:48	25°♌39'59	1.42031 AU
	-1842 Sep 01 j 17:59	0°♍	
evening rise	-1842 Sep 05 j 07:16	5°♍43'28	
desc. node	-1842 Sep 07 j 16:31	9°♍29'37	
	-1842 Sep 21 j 07:45	0°♎	
greatest brilliancy	-1842 Oct 03 j 05:05	16°♎02'40	-0.3m
evening max el	-1842 Oct 07 j 22:47	21°♎23'06	22°15'25
retrograde	-1842 Oct 17 j 10:17	27°♎01'21	
evening set	-1842 Oct 21 j 21:05	25°♎15'15	
asc. node	-1842 Oct 24 j 17:09	22°♎18'43	
inferior conj	-1842 Oct 27 j 06:09	18°♎55'18	0°52'04
minimum elong	-1842 Oct 27 j 04:57	18°♎59'25	0°51'33
min. Earth dist.	-1842 Oct 27 j 06:10	18°♎55'13	0.67522 AU
morning rise	-1842 Nov 01 j 12:40	12°♎40'03	
direct	-1842 Nov 06 j 03:33	10°♎46'43	
morning max el	-1842 Nov 15 j 17:47	16°♎28'30	22°28'04
greatest brilliancy	-1842 Nov 20 j 09:45	21°♎43'05	-0.3m
	-1842 Nov 26 j 18:37	0°♏	
desc. node	-1842 Dec 04 j 15:53	11°♏14'02	
	-1842 Dec 16 j 21:00	0°♐	
morning set	-1842 Dec 19 j 06:18	3°♐51'13	
max. Earth dist.	-1842 Dec 24 j 14:18	12°♐42'18	1.40619 AU
superior conj	-1841 Jan 01 j 09:17	26°♐18'12	-1°-58'-45
minimum elong	-1841 Jan 01 j 09:36	26°♐19'39	1°58'47
	-1841 Jan 03 j 10:15	0°♑	
evening rise	-1841 Jan 11 j 11:12	14°♑58'51	
	-1841 Jan 19 j 17:26	0°♒	
asc. node	-1841 Jan 20 j 16:26	1°♒35'13	
evening max el	-1841 Jan 27 j 16:24	10°♒56'08	18°19'51
retrograde	-1841 Feb 03 j 21:54	14°♒31'14	
evening set	-1841 Feb 06 j 10:02	14°♒06'28	
inferior conj	-1841 Feb 13 j 14:38	9°♒26'18	3°41'36
minimum elong	-1841 Feb 13 j 17:12	9°♒20'51	3°41'16
min. Earth dist.	-1841 Feb 17 j 00:16	6°♒34'52	0.59411 AU
morning rise	-1841 Feb 20 j 20:54	3°♒53'42	
direct	-1841 Feb 27 j 07:11	2°♒02'52	
desc. node	-1841 Mar 02 j 15:03	2°♒31'27	
morning max el	-1841 Mar 13 j 13:59	9°♒43'52	27°05'23
	-1841 Mar 29 j 03:41	0°♓	
morning set	-1841 Apr 13 j 02:46	27°♓35'07	
	-1841 Apr 14 j 06:24	0°♈	
asc. node	-1841 Apr 18 j 15:48	9°♈27'31	
superior conj	-1841 Apr 20 j 05:52	12°♈55'53	0°16'41
minimum elong	-1841 Apr 20 j 05:08	12°♈51'49	0°16'32
max. Earth dist.	-1841 Apr 19 j 22:25	12°♈15'00	1.32440 AU
evening rise	-1841 Apr 27 j 05:20	28°♈01'17	
	-1841 Apr 28 j 04:05	0°♉	
	-1841 May 15 j 02:55	0°♊	
evening max el	-1841 May 25 j 19:47	12°♊55'42	26°09'02
desc. node	-1841 May 29 j 14:13	16°♊08'22	
retrograde	-1841 Jun 08 j 21:33	20°♊11'13	
evening set	-1841 Jun 15 j 03:00	18°♊35'42	
min. Earth dist.	-1841 Jun 19 j 08:40	15°♊56'12	0.59177 AU
inferior conj	-1841 Jun 22 j 17:09	13°♊23'11	-4°-33'-2
minimum elong	-1841 Jun 22 j 16:50	13°♊23'49	4°33'01
morning rise	-1841 Jun 30 j 10:19	8°♊53'17	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1841 Jul 02 j 21:42	8°♊32'14	
morning max el	-1841 Jul 10 j 17:34	12°♊16'31	18°27'53
asc. node	-1841 Jul 15 j 15:05	18°♊11'01	
	-1841 Jul 22 j 16:13	0°♋	
morning set	-1841 Jul 26 j 19:55	7°♋51'30	
superior conj	-1841 Aug 04 j 22:49	25°♋11'55	1°45'23
minimum elong	-1841 Aug 05 j 00:37	25°♋20'16	1°45'21
	-1841 Aug 07 j 13:42	0°♌	
max. Earth dist.	-1841 Aug 12 j 07:25	8°♌24'04	1.40130 AU
evening rise	-1841 Aug 16 j 18:20	15°♌58'28	
desc. node	-1841 Aug 25 j 13:33	0°♍05'13	
	-1841 Aug 25 j 12:12	0°♍	
	-1841 Sep 16 j 01:54	0°♎	
evening max el	-1841 Sep 20 j 12:40	4°♎52'27	23°35'42
retrograde	-1841 Oct 01 j 02:58	11°♎07'51	
evening set	-1841 Oct 06 j 03:43	9°♎02'58	
min. Earth dist.	-1841 Oct 11 j 02:45	3°♎15'24	0.67502 AU
inferior conj	-1841 Oct 11 j 12:56	2°♎40'33	0°-1'-5
minimum elong	-1841 Oct 11 j 12:58	2°♎40'28	0°01'06
transit middle	-1841 Oct 11 j 12:58	2°♎40'28	0°01'06
transit begin	-1841 Oct 11 j 10:15	2°♎49'43	
transit end	-1841 Oct 11 j 15:40	2°♎31'13	
asc. node	-1841 Oct 11 j 14:13	2°♎36'11	
	-1841 Oct 13 j 13:10	30°℞♍	
morning rise	-1841 Oct 16 j 22:18	26°♍29'07	
direct	-1841 Oct 20 j 23:16	24°♍57'24	
morning max el	-1841 Oct 29 j 10:31	29°♍55'28	21°06'52
	-1841 Oct 29 j 12:18	0°♎	
greatest brilliancy	-1841 Nov 03 j 22:40	6°♎19'53	-0.5m
	-1841 Nov 20 j 12:48	0°♏	
desc. node	-1841 Nov 21 j 12:55	1°♏31'20	
morning set	-1841 Nov 28 j 14:42	12°♏26'04	
max. Earth dist.	-1841 Dec 06 j 17:27	25°♏24'21	1.42529 AU
	-1841 Dec 09 j 12:26	0°♐	
superior conj	-1841 Dec 13 j 19:52	7°♐14'45	-1°-53'-5
minimum elong	-1841 Dec 13 j 16:07	6°♐58'46	1°52'57
evening rise	-1841 Dec 25 j 08:58	27°♐33'06	
	-1841 Dec 26 j 17:39	0°♑	
asc. node	-1840 Jan 07 j 13:28	19°♑44'02	
evening max el	-1840 Jan 11 j 03:04	23°♑59'30	18°07'58
retrograde	-1840 Jan 17 j 19:05	27°♑25'44	
evening set	-1840 Jan 20 j 10:55	26°♑52'57	
inferior conj	-1840 Jan 27 j 02:10	21°♑50'56	3°56'18
minimum elong	-1840 Jan 27 j 02:15	21°♑50'44	3°56'16
min. Earth dist.	-1840 Jan 30 j 03:28	18°♑53'43	0.61472 AU
morning rise	-1840 Feb 02 j 15:07	16°♑02'09	
direct	-1840 Feb 09 j 13:51	13°♑37'34	
desc. node	-1840 Feb 17 j 12:06	16°♑20'20	
morning max el	-1840 Feb 23 j 15:58	21°♑24'35	27°41'06
	-1840 Mar 02 j 04:19	0°♒	
	-1840 Mar 21 j 02:56	0°♓	
morning set	-1840 Mar 27 j 08:27	12°♓12'56	
max. Earth dist.	-1840 Apr 02 j 10:00	25°♓02'58	1.32604 AU
superior conj	-1840 Apr 03 j 16:44	27°♓50'06	0°-8'-50
minimum elong	-1840 Apr 03 j 17:09	27°♓52'18	0°08'45
behind sun begin	-1840 Apr 03 j 12:52	27°♓29'03	
behind sun end	-1840 Apr 03 j 21:25	28°♓15'34	
asc. node	-1840 Apr 04 j 12:51	29°♓39'47	
	-1840 Apr 04 j 16:33	0°♈	
evening rise	-1840 Apr 10 j 16:35	12°♈57'45	
	-1840 Apr 19 j 08:39	0°♉	
evening max el	-1840 May 06 j 13:17	23°♉56'57	24°48'58
desc. node	-1840 May 15 j 11:16	0°♊02'57	
	-1840 May 15 j 08:14	0°♊	
retrograde	-1840 May 20 j 13:07	1°♊02'16	
evening set	-1840 May 25 j 13:17	0°♊05'16	
	-1840 May 25 j 18:51	30°℞♉	
min. Earth dist.	-1840 May 31 j 01:10	27°♉12'34	0.57251 AU
inferior conj	-1840 Jun 02 j 23:39	25°♉16'23	-4°-11'-29
minimum elong	-1840 Jun 02 j 19:09	25°♉23'51	4°10'50
morning rise	-1840 Jun 11 j 04:58	21°♉07'00	
direct	-1840 Jun 13 j 17:44	20°♉48'40	
morning max el	-1840 Jun 22 j 18:38	25°♉01'23	19°14'55
	-1840 Jun 27 j 03:07	0°♊	
asc. node	-1840 Jul 01 j 12:08	6°♊38'47	
morning set	-1840 Jul 09 j 18:14	22°♊03'56	
	-1840 Jul 13 j 17:46	0°♋	
superior conj	-1840 Jul 18 j 01:24	8°♋30'33	1°48'03
minimum elong	-1840 Jul 18 j 01:03	8°♋28'52	1°48'05
max. Earth dist.	-1840 Jul 24 j 09:56	20°♋30'25	1.38148 AU
evening rise	-1840 Jul 28 j 06:55	27°♋26'47	
	-1840 Jul 29 j 18:08	0°♌	
desc. node	-1840 Aug 11 j 10:36	20°♌29'08	
	-1840 Aug 17 j 23:37	0°♍	
evening max el	-1840 Sep 02 j 00:15	18°♍25'17	24°54'16
retrograde	-1840 Sep 13 j 15:36	25°♍11'20	
evening set	-1840 Sep 19 j 07:20	22°♍48'18	
min. Earth dist.	-1840 Sep 23 j 21:26	17°♍35'50	0.67172 AU
inferior conj	-1840 Sep 24 j 18:12	16°♍27'10	0°-55'-41
minimum elong	-1840 Sep 24 j 19:33	16°♍22'41	0°55'08
asc. node	-1840 Sep 27 j 11:18	13°♍02'33	
morning rise	-1840 Sep 30 j 08:10	10°♍22'43	
direct	-1840 Oct 03 j 21:06	9°♍10'24	
morning max el	-1840 Oct 11 j 10:42	13°♍31'51	19°56'55
greatest brilliancy	-1840 Oct 18 j 22:39	22°♍48'29	-0.6m
	-1840 Oct 23 j 22:39	0°♎	
morning set	-1840 Nov 06 j 11:51	20°♎36'00	
desc. node	-1840 Nov 07 j 09:57	22°♎01'33	
	-1840 Nov 12 j 12:42	0°♏	
max. Earth dist.	-1840 Nov 18 j 04:35	8°♏57'04	1.43986 AU
superior conj	-1840 Nov 23 j 03:25	16°♏55'12	-1°-30'-40
minimum elong	-1840 Nov 22 j 20:01	16°♏25'09	1°30'02
	-1840 Dec 01 j 01:25	0°♐	
evening rise	-1840 Dec 06 j 12:43	9°♐16'46	
	-1840 Dec 19 j 00:12	0°♑	
asc. node	-1840 Dec 24 j 10:32	7°♑02'25	
evening max el	-1840 Dec 24 j 15:37	7°♑15'26	18°15'14
retrograde	-1840 Dec 31 j 03:51	10°♑45'39	
evening set	-1839 Jan 02 j 23:37	10°♑03'54	
inferior conj	-1839 Jan 09 j 04:32	4°♑41'09	3°48'44
minimum elong	-1839 Jan 09 j 02:45	4°♑46'02	3°48'31
min. Earth dist.	-1839 Jan 11 j 15:50	1°♑59'26	0.63354 AU
	-1839 Jan 13 j 15:36	30°℞♐	
morning rise	-1839 Jan 15 j 04:15	28°♐41'18	
direct	-1839 Jan 22 j 04:29	25°♐56'09	
	-1839 Jan 31 j 18:03	0°♑	
desc. node	-1839 Feb 03 j 09:09	2°♑13'36	
morning max el	-1839 Feb 04 j 23:00	3°♑43'54	27°40'15
	-1839 Feb 24 j 16:04	0°♒	
morning set	-1839 Mar 11 j 07:49	26°♒27'57	
	-1839 Mar 13 j 01:48	0°♓	
max. Earth dist.	-1839 Mar 16 j 16:16	7°♓29'46	1.33146 AU
superior conj	-1839 Mar 19 j 00:57	12°♓31'59	0°-34'-51
minimum elong	-1839 Mar 19 j 02:34	12°♓40'40	0°34'32
asc. node	-1839 Mar 22 j 09:54	19°♓48'20	
evening rise	-1839 Mar 26 j 04:19	27°♓51'16	
	-1839 Mar 27 j 04:55	0°♈	
	-1839 Apr 13 j 23:19	0°♉	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1839 Apr 18 j 04:33	4°♉36'02	23°15'23
retrograde	-1839 May 01 j 16:03	11°♉17'48	
desc. node	-1839 May 02 j 08:17	11°♉16'47	
evening set	-1839 May 05 j 06:56	10°♉49'07	
min. Earth dist.	-1839 May 12 j 14:43	7°♉30'33	0.55785 AU
inferior conj	-1839 May 14 j 10:24	6°♉26'27	-3°-8'-12
minimum elong	-1839 May 14 j 03:43	6°♉36'16	3°06'26
morning rise	-1839 May 23 j 03:44	2°♉30'22	
direct	-1839 May 25 j 19:02	2°♉13'28	
morning max el	-1839 Jun 05 j 09:40	7°♉08'38	20°22'35
asc. node	-1839 Jun 18 j 09:13	25°♉42'06	
	-1839 Jun 20 j 15:23	0°♊	
morning set	-1839 Jun 23 j 23:08	6°♊38'23	
superior conj	-1839 Jul 01 j 16:46	22°♊29'29	1°42'27
minimum elong	-1839 Jul 01 j 14:59	22°♊20'28	1°42'22
	-1839 Jul 05 j 11:14	0°♋	
max. Earth dist.	-1839 Jul 06 j 15:57	2°♋19'37	1.36319 AU
evening rise	-1839 Jul 10 j 17:40	10°♋00'53	
	-1839 Jul 22 j 08:59	0°♌	
desc. node	-1839 Jul 29 j 07:37	10°♌35'34	
	-1839 Aug 13 j 12:18	0°♍	
evening max el	-1839 Aug 15 j 11:29	1°♍59'51	26°03'24
retrograde	-1839 Aug 27 j 23:33	9°♍07'13	
evening set	-1839 Sep 03 j 06:02	6°♍29'18	
min. Earth dist.	-1839 Sep 07 j 11:49	1°♍54'17	0.66510 AU
inferior conj	-1839 Sep 08 j 20:07	0°♍13'07	-1°-50'-3
minimum elong	-1839 Sep 08 j 22:47	0°♍04'44	1°49'00
	-1839 Sep 09 j 00:18	30°℞♌	
asc. node	-1839 Sep 14 j 08:21	24°♌31'20	
morning rise	-1839 Sep 14 j 16:21	24°♌18'48	
direct	-1839 Sep 17 j 19:23	23°♌22'39	
morning max el	-1839 Sep 24 j 18:00	27°♌17'01	19°01'21
	-1839 Sep 27 j 04:08	0°♍	
morning set	-1839 Oct 16 j 22:02	29°♍30'59	
	-1839 Oct 17 j 05:24	0°♎	
desc. node	-1839 Oct 25 j 07:00	12°♎40'46	
max. Earth dist.	-1839 Oct 31 j 21:13	23°♎02'45	1.44800 AU
superior conj	-1839 Nov 02 j 11:06	25°♎32'10	0°-51'-9
minimum elong	-1839 Nov 02 j 04:48	25°♎07'18	0°50'24
	-1839 Nov 05 j 06:48	0°♏	
evening rise	-1839 Nov 17 j 18:13	20°♏02'52	
	-1839 Nov 23 j 20:48	0°♐	
evening max el	-1839 Dec 08 j 03:24	20°♐38'37	18°40'48
asc. node	-1839 Dec 11 j 07:34	23°♐16'50	
retrograde	-1839 Dec 14 j 20:02	24°♐23'29	
evening set	-1839 Dec 17 j 20:50	23°♐31'27	
inferior conj	-1839 Dec 23 j 18:01	17°♐50'29	3°25'33
minimum elong	-1839 Dec 23 j 15:16	17°♐58'45	3°24'58
min. Earth dist.	-1839 Dec 25 j 14:09	15°♐37'58	0.64913 AU
morning rise	-1839 Dec 29 j 08:33	11°♐42'45	
direct	-1838 Jan 05 j 02:04	8°♐51'55	
morning max el	-1838 Jan 18 j 08:37	16°♐33'13	27°05'32
desc. node	-1838 Jan 21 j 06:13	19°♐37'20	
	-1838 Jan 29 j 13:38	0°♑	
	-1838 Feb 17 j 11:05	0°♒	
morning set	-1838 Feb 22 j 21:48	10°♒10'29	
max. Earth dist.	-1838 Feb 27 j 13:19	19°♒24'07	1.34107 AU
superior conj	-1838 Mar 03 j 04:32	26°♒55'14	-1°00'-19
minimum elong	-1838 Mar 03 j 07:15	27°♒09'28	0°59'52
	-1838 Mar 04 j 15:38	0°♓	
asc. node	-1838 Mar 09 j 06:56	9°♓48'52	
evening rise	-1838 Mar 10 j 14:44	12°♓35'23	
	-1838 Mar 19 j 15:23	0°♈	
evening max el	-1838 Mar 31 j 00:11	15°♈21'31	21°42'45

retrograde	-1838 Apr 12 j 08:28	21°♈21'24	
evening set	-1838 Apr 14 j 22:37	21°♈06'18	
desc. node	-1838 Apr 19 j 05:20	19°♈42'38	
inferior conj	-1838 Apr 24 j 07:22	17°♈03'28	-1°-25'-20
minimum elong	-1838 Apr 24 j 03:25	17°♈09'01	1°24'00
min. Earth dist.	-1838 Apr 24 j 04:02	17°♈08'09	0.55091 AU
morning rise	-1838 May 03 j 09:05	13°♈05'04	
direct	-1838 May 06 j 07:20	12°♈46'11	
morning max el	-1838 May 18 j 13:50	18°♈33'56	21°48'36
	-1838 May 27 j 17:55	0°♉	
asc. node	-1838 Jun 05 j 06:16	15°♉11'33	
morning set	-1838 Jun 08 j 08:15	21°♉27'34	
	-1838 Jun 12 j 09:51	0°♊	
superior conj	-1838 Jun 15 j 16:58	6°♊56'25	1°30'35
minimum elong	-1838 Jun 15 j 14:30	6°♊43'28	1°30'20
max. Earth dist.	-1838 Jun 19 j 06:03	14°♊15'16	1.34807 AU
evening rise	-1838 Jun 23 j 21:27	23°♊26'33	
	-1838 Jun 27 j 09:06	0°♋	
	-1838 Jul 15 j 23:58	0°♌	
desc. node	-1838 Jul 16 j 04:38	0°♌16'09	
evening max el	-1838 Jul 28 j 22:58	15°♌29'06	26°55'19
retrograde	-1838 Aug 11 j 02:27	22°♌47'58	
evening set	-1838 Aug 17 j 21:28	20°♌02'08	
min. Earth dist.	-1838 Aug 21 j 19:37	16°♌05'17	0.65489 AU
inferior conj	-1838 Aug 23 j 16:38	13°♌54'19	-2°-42'-11
minimum elong	-1838 Aug 23 j 20:24	13°♌43'21	2°40'54
morning rise	-1838 Aug 29 j 20:38	8°♌13'17	
asc. node	-1838 Sep 01 j 05:26	7°♌30'51	
direct	-1838 Sep 01 j 16:08	7°♌29'45	
morning max el	-1838 Sep 08 j 06:26	11°♌06'10	18°21'48
	-1838 Sep 21 j 11:35	0°♍	
morning set	-1838 Sep 27 j 10:53	9°♍45'07	
	-1838 Oct 10 j 00:20	0°♎	
superior conj	-1838 Oct 12 j 11:19	3°♎53'39	0°-1'-58
minimum elong	-1838 Oct 12 j 11:04	3°♎52'39	0°01'58
behind sun begin	-1838 Oct 11 j 23:57	3°♎08'39	
behind sun end	-1838 Oct 12 j 22:12	4°♎36'37	
desc. node	-1838 Oct 12 j 04:01	3°♎24'44	
max. Earth dist.	-1838 Oct 14 j 15:29	7°♎19'23	1.44885 AU
evening rise	-1838 Oct 28 j 23:23	29°♎47'53	
	-1838 Oct 29 j 02:29	0°♏	
greatest brilliancy	-1838 Nov 12 j 05:40	21°♏52'59	-0.7m
	-1838 Nov 18 j 00:25	0°♐	
evening max el	-1838 Nov 21 j 12:05	4°♐04'57	19°23'31
asc. node	-1838 Nov 28 j 04:36	8°♐12'07	
retrograde	-1838 Nov 28 j 16:12	8°♐13'26	
evening set	-1838 Dec 01 j 23:46	7°♐09'14	
inferior conj	-1838 Dec 07 j 15:21	1°♐13'09	2°51'22
minimum elong	-1838 Dec 07 j 12:24	1°♐22'40	2°50'29
	-1838 Dec 08 j 14:01	30°℞♏	
min. Earth dist.	-1838 Dec 08 j 21:21	29°♏36'31	0.66095 AU
morning rise	-1838 Dec 13 j 00:14	25°♏00'11	
direct	-1838 Dec 19 j 05:52	22°♏16'26	
morning max el	-1838 Dec 31 j 18:09	29°♏39'29	26°03'57
	-1837 Jan 01 j 02:16	0°♐	
desc. node	-1837 Jan 08 j 03:17	8°♐05'08	
	-1837 Jan 23 j 10:46	0°♑	
morning set	-1837 Feb 05 j 22:17	23°♑08'17	
	-1837 Feb 09 j 13:21	0°♒	
max. Earth dist.	-1837 Feb 09 j 22:30	0°♒44'15	1.35516 AU
superior conj	-1837 Feb 15 j 01:05	10°♒52'47	-1°-23'-45
minimum elong	-1837 Feb 15 j 04:31	11°♒10'11	1°23'19
evening rise	-1837 Feb 22 j 21:55	27°♒04'06	
asc. node	-1837 Feb 24 j 03:57	29°♒36'56	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1837 Feb 24 j 08:31	0°♓	
evening max el	-1837 Mar 13 j 05:36	26°♓37'17	20°22'04
	-1837 Mar 17 j 16:20	0°♈	
retrograde	-1837 Mar 23 j 22:36	1°♈44'19	
evening set	-1837 Mar 26 j 03:32	1°♈32'12	
	-1837 Mar 30 j 16:54	30°℞♓	
inferior conj	-1837 Apr 04 j 03:34	27°♓34'15	0°32'50
minimum elong	-1837 Apr 04 j 05:03	27°♓32'04	0°32'20
min. Earth dist.	-1837 Apr 05 j 18:14	26°♓37'26	0.55345 AU
desc. node	-1837 Apr 06 j 02:22	26°♓25'37	
morning rise	-1837 Apr 13 j 04:19	23°♓14'37	
direct	-1837 Apr 16 j 20:15	22°♓45'21	
morning max el	-1837 Apr 30 j 08:58	29°♓23'32	23°26'32
	-1837 May 01 j 00:05	0°♈	
	-1837 May 20 j 16:30	0°♉	
asc. node	-1837 May 23 j 03:20	5°♉00'10	
morning set	-1837 May 23 j 19:43	6°♉25'42	
superior conj	-1837 May 30 j 23:08	21°♉42'19	1°13'57
minimum elong	-1837 May 30 j 20:36	21°♉28'42	1°13'36
max. Earth dist.	-1837 Jun 02 j 05:51	26°♉33'30	1.33678 AU
	-1837 Jun 03 j 21:14	0°♊	
evening rise	-1837 Jun 07 j 13:39	7°♊30'43	
	-1837 Jun 19 j 21:36	0°♋	
desc. node	-1837 Jul 03 j 01:37	19°♋19'59	
evening max el	-1837 Jul 11 j 10:03	28°♋43'41	27°22'38
	-1837 Jul 12 j 19:04	0°♌	
retrograde	-1837 Jul 24 j 23:48	6°♌05'32	
evening set	-1837 Aug 01 j 02:44	3°♌22'32	
	-1837 Aug 04 j 19:22	30°℞♋	
min. Earth dist.	-1837 Aug 04 j 18:52	0°♌01'17	0.64099 AU
inferior conj	-1837 Aug 07 j 05:21	27°♋26'26	-3°-29'-22
minimum elong	-1837 Aug 07 j 09:39	27°♋15'01	3°28'13
morning rise	-1837 Aug 13 j 18:27	22°♋01'45	
direct	-1837 Aug 16 j 08:52	21°♋27'28	
asc. node	-1837 Aug 19 j 02:31	22°♋05'34	
morning max el	-1837 Aug 22 j 21:28	24°♋54'18	17°59'23
	-1837 Aug 27 j 01:57	0°♌	
morning set	-1837 Sep 09 j 02:47	21°♌17'07	
	-1837 Sep 14 j 05:42	0°♍	
superior conj	-1837 Sep 22 j 02:15	13°♍01'30	0°44'14
minimum elong	-1837 Sep 22 j 06:51	13°♍20'11	0°43'39
max. Earth dist.	-1837 Sep 27 j 08:32	21°♍29'51	1.44251 AU
desc. node	-1837 Sep 29 j 01:01	24°♍10'35	
	-1837 Oct 02 j 17:50	0°♎	
evening rise	-1837 Oct 08 j 09:23	8°♎46'19	
	-1837 Oct 22 j 09:44	0°♏	
greatest brilliancy	-1837 Oct 29 j 05:27	9°♏42'26	-0.6m
evening max el	-1837 Nov 04 j 15:52	17°♏32'00	20°21'22
retrograde	-1837 Nov 12 j 13:36	22°♏11'16	
asc. node	-1837 Nov 15 j 01:39	21°♏35'16	
evening set	-1837 Nov 16 j 06:06	20°♏52'32	
inferior conj	-1837 Nov 21 j 17:55	14°♏44'37	2°09'15
minimum elong	-1837 Nov 21 j 15:20	14°♏53'18	2°08'18
min. Earth dist.	-1837 Nov 22 j 11:18	13°♏46'01	0.66913 AU
morning rise	-1837 Nov 27 j 00:01	8°♏28'53	
direct	-1837 Dec 02 j 15:04	6°♏01'21	
morning max el	-1837 Dec 14 j 02:34	12°♏51'48	24°44'43
desc. node	-1837 Dec 26 j 00:19	27°♏17'38	
	-1837 Dec 27 j 23:20	0°♐	
	-1836 Jan 16 j 05:43	0°♑	
morning set	-1836 Jan 19 j 03:43	5°♑04'25	
max. Earth dist.	-1836 Jan 22 j 21:10	11°♑46'41	1.37342 AU
superior conj	-1836 Jan 29 j 11:22	24°♑14'48	-1°-43'-12
minimum elong	-1836 Jan 29 j 14:44	24°♑31'09	1°42'57
	-1836 Feb 01 j 09:34	0°♒	
evening rise	-1836 Feb 06 j 23:37	11°♒09'50	
asc. node	-1836 Feb 11 j 00:58	19°♒06'28	
	-1836 Feb 17 j 05:53	0°♓	
evening max el	-1836 Feb 23 j 21:57	8°♓29'50	19°18'58
retrograde	-1836 Mar 03 j 22:52	12°♓49'05	
evening set	-1836 Mar 06 j 05:04	12°♓34'07	
inferior conj	-1836 Mar 14 j 12:23	8°♓25'28	2°13'49
minimum elong	-1836 Mar 14 j 16:56	8°♓17'54	2°12'30
min. Earth dist.	-1836 Mar 17 j 09:14	6°♓31'41	0.56489 AU
desc. node	-1836 Mar 22 j 23:25	3°♓36'17	
morning rise	-1836 Mar 23 j 00:55	3°♓34'56	
direct	-1836 Mar 27 j 20:07	2°♓41'58	
morning max el	-1836 Apr 10 j 23:44	9°♓55'28	25°05'06
	-1836 Apr 26 j 01:46	0°♈	
morning set	-1836 May 07 j 07:49	21°♈26'10	
asc. node	-1836 May 09 j 00:21	25°♈01'17	
	-1836 May 11 j 07:43	0°♉	
superior conj	-1836 May 14 j 08:55	6°♉38'35	0°53'42
minimum elong	-1836 May 14 j 06:48	6°♉27'03	0°53'20
max. Earth dist.	-1836 May 15 j 13:37	9°♉14'29	1.32923 AU
evening rise	-1836 May 21 j 14:31	22°♉00'56	
	-1836 May 25 j 14:48	0°♊	
	-1836 Jun 12 j 20:55	0°♋	
desc. node	-1836 Jun 18 j 22:38	7°♋31'29	
evening max el	-1836 Jun 22 j 18:38	11°♋30'46	27°19'42
retrograde	-1836 Jul 06 j 14:41	18°♋50'47	
evening set	-1836 Jul 13 j 18:08	16°♋24'04	
min. Earth dist.	-1836 Jul 17 j 08:11	13°♋30'42	0.62360 AU
inferior conj	-1836 Jul 20 j 07:21	10°♋42'51	-4°-7'-33
minimum elong	-1836 Jul 20 j 11:09	10°♋33'51	4°06'53
morning rise	-1836 Jul 27 j 06:39	5°♋37'41	
direct	-1836 Jul 29 j 18:28	5°♋09'52	
asc. node	-1836 Aug 04 j 23:35	8°♋05'04	
morning max el	-1836 Aug 05 j 12:22	8°♋35'21	17°55'12
	-1836 Aug 19 j 12:44	0°♌	
morning set	-1836 Aug 21 j 16:29	3°♌52'02	
superior conj	-1836 Sep 01 j 19:55	23°♌28'59	1°18'36
minimum elong	-1836 Sep 02 j 01:06	23°♌51'02	1°18'06
	-1836 Sep 05 j 16:44	0°♍	
max. Earth dist.	-1836 Sep 08 j 22:08	5°♍18'43	1.42986 AU
desc. node	-1836 Sep 14 j 22:01	14°♍55'17	
evening rise	-1836 Sep 16 j 15:54	17°♍39'38	
	-1836 Sep 24 j 17:10	0°♎	
greatest brilliancy	-1836 Oct 12 j 13:42	25°♎13'52	-0.4m
	-1836 Oct 16 j 15:13	0°♏	
evening max el	-1836 Oct 17 j 13:49	0°♏59'18	21°31'22
retrograde	-1836 Oct 26 j 10:18	6°♏14'47	
evening set	-1836 Oct 30 j 13:55	4°♏39'08	
asc. node	-1836 Oct 31 j 22:43	3°♏25'27	
	-1836 Nov 03 j 19:04	30°℞♎	
inferior conj	-1836 Nov 04 j 23:33	28°♎22'43	1°21'27
minimum elong	-1836 Nov 04 j 21:46	28°♎28'52	1°20'43
min. Earth dist.	-1836 Nov 05 j 05:39	28°♎01'42	0.67392 AU
morning rise	-1836 Nov 10 j 05:19	22°♎06'44	
direct	-1836 Nov 15 j 04:58	20°♎00'24	
morning max el	-1836 Nov 25 j 11:41	26°♎07'48	23°17'55
	-1836 Nov 29 j 00:40	0°♏	
greatest brilliancy	-1836 Nov 30 j 17:44	2°♏02'34	-0.2m
desc. node	-1836 Dec 11 j 21:21	17°♏02'07	
	-1836 Dec 20 j 13:35	0°♐	
morning set	-1836 Dec 30 j 07:52	15°♐42'53	
max. Earth dist.	-1835 Jan 03 j 16:29	23°♐09'14	1.39421 AU
	-1835 Jan 07 j 13:24	0°♑	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1835 Jan 11 j 07:19	6°♑50'33	-1°-55'-54
minimum elong	-1835 Jan 11 j 09:15	6°♑59'35	1°55'53
evening rise	-1835 Jan 20 j 17:11	24°♑46'10	
	-1835 Jan 23 j 10:45	0°♒	
asc. node	-1835 Jan 27 j 22:00	8°♒11'13	
evening max el	-1835 Feb 05 j 23:33	20°♒55'50	18°35'37
retrograde	-1835 Feb 13 j 17:29	24°♒42'25	
evening set	-1835 Feb 16 j 03:34	24°♒21'35	
inferior conj	-1835 Feb 23 j 17:12	19°♒53'27	3°19'47
minimum elong	-1835 Feb 23 j 21:05	19°♒45'54	3°19'02
min. Earth dist.	-1835 Feb 27 j 02:34	17°♒17'03	0.58256 AU
morning rise	-1835 Mar 03 j 10:50	14°♒34'08	
direct	-1835 Mar 09 j 09:01	13°♒05'51	
desc. node	-1835 Mar 09 j 20:29	13°♒06'25	
morning max el	-1835 Mar 23 j 16:24	20°♒38'54	26°29'11
	-1835 Mar 31 j 18:00	0°♓	
	-1835 Apr 18 j 16:03	0°♈	
morning set	-1835 Apr 21 j 18:53	6°♈23'14	
asc. node	-1835 Apr 25 j 21:23	15°♈10'09	
superior conj	-1835 Apr 28 j 20:27	21°♈38'48	0°30'47
minimum elong	-1835 Apr 28 j 19:08	21°♈31'33	0°30'31
max. Earth dist.	-1835 Apr 29 j 01:58	22°♈09'02	1.32524 AU
	-1835 May 02 j 16:25	0°♉	
evening rise	-1835 May 05 j 21:11	6°♉47'33	
	-1835 May 18 j 04:25	0°♊	
evening max el	-1835 Jun 04 j 21:58	23°♊37'58	26°43'43
desc. node	-1835 Jun 05 j 19:40	24°♊28'26	
	-1835 Jun 14 j 04:49	0°♋	
retrograde	-1835 Jun 18 j 21:54	0°♋55'03	
	-1835 Jun 23 j 12:06	30°℞♊	
evening set	-1835 Jun 25 j 15:16	28°♊57'55	
min. Earth dist.	-1835 Jun 29 j 11:24	26°♊18'41	0.60369 AU
inferior conj	-1835 Jul 02 j 19:08	23°♊34'22	-4°-30'-25
minimum elong	-1835 Jul 02 j 20:49	23°♊30'52	4°30'17
morning rise	-1835 Jul 10 j 05:33	18°♊51'24	
direct	-1835 Jul 12 j 16:50	18°♊28'08	
morning max el	-1835 Jul 20 j 00:16	22°♊01'52	18°10'14
asc. node	-1835 Jul 22 j 20:40	25°♊13'40	
	-1835 Jul 26 j 05:03	0°♋	
morning set	-1835 Aug 04 j 22:15	17°♋13'52	
	-1835 Aug 11 j 18:36	0°♌	
superior conj	-1835 Aug 14 j 16:00	5°♌15'17	1°39'11
minimum elong	-1835 Aug 14 j 19:13	5°♌29'43	1°39'01
max. Earth dist.	-1835 Aug 22 j 06:24	18°♌30'31	1.41251 AU
evening rise	-1835 Aug 27 j 13:16	27°♌15'28	
	-1835 Aug 29 j 06:08	0°♍	
desc. node	-1835 Sep 01 j 19:02	5°♍35'15	
	-1835 Sep 18 j 10:23	0°♎	
greatest brilliancy	-1835 Sep 25 j 06:35	8°♎52'06	-0.3m
evening max el	-1835 Sep 30 j 06:07	14°♎26'51	22°49'21
retrograde	-1835 Oct 10 j 04:46	20°♎20'55	
evening set	-1835 Oct 14 j 21:27	18°♎26'38	
asc. node	-1835 Oct 18 j 19:48	14°♎03'24	
inferior conj	-1835 Oct 20 j 06:24	12°♎05'17	0°29'45
minimum elong	-1835 Oct 20 j 05:42	12°♎07'41	0°29'27
min. Earth dist.	-1835 Oct 20 j 02:01	12°♎20'26	0.67552 AU
morning rise	-1835 Oct 25 j 13:55	5°♎51'35	
direct	-1835 Oct 29 j 22:43	4°♎07'44	
morning max el	-1835 Nov 08 j 00:52	9°♎29'48	21°52'31
greatest brilliancy	-1835 Nov 12 j 21:02	14°♎59'37	-0.4m
	-1835 Nov 23 j 21:44	0°♏	
desc. node	-1835 Nov 28 j 18:23	7°♏09'03	
morning set	-1835 Dec 10 j 06:54	24°♏56'56	
	-1835 Dec 13 j 10:03	0°♐	
max. Earth dist.	-1835 Dec 16 j 15:54	5°♐20'36	1.41472 AU
superior conj	-1835 Dec 24 j 07:35	18°♐26'09	-1°-58'-10
minimum elong	-1835 Dec 24 j 06:20	18°♐20'38	1°58'12
	-1835 Dec 30 j 18:13	0°♑	
evening rise	-1834 Jan 03 j 23:15	7°♑44'58	
asc. node	-1834 Jan 14 j 19:02	26°♑42'57	
	-1834 Jan 17 j 01:53	0°♒	
evening max el	-1834 Jan 20 j 07:39	3°♒47'05	18°12'23
retrograde	-1834 Jan 27 j 06:11	7°♒17'02	
evening set	-1834 Jan 29 j 19:54	6°♒48'57	
inferior conj	-1834 Feb 05 j 18:23	1°♒59'07	3°51'04
minimum elong	-1834 Feb 05 j 19:52	1°♒55'46	3°50'56
	-1834 Feb 07 j 23:03	30°℞♑	
min. Earth dist.	-1834 Feb 09 j 01:21	29°♑02'28	0.60290 AU
morning rise	-1834 Feb 12 j 16:49	26°♑18'41	
direct	-1834 Feb 19 j 09:34	24°♑12'41	
desc. node	-1834 Feb 24 j 17:33	25°♑26'19	
	-1834 Mar 03 j 12:41	0°♒	
morning max el	-1834 Mar 05 j 15:00	1°♒56'39	27°25'09
	-1834 Mar 25 j 23:49	0°♓	
morning set	-1834 Apr 06 j 03:10	21°♓10'44	
	-1834 Apr 10 j 07:06	0°♈	
max. Earth dist.	-1834 Apr 12 j 15:06	5°♈04'23	1.32467 AU
asc. node	-1834 Apr 12 j 18:25	5°♈22'36	
superior conj	-1834 Apr 13 j 08:04	6°♈37'13	0°06'01
minimum elong	-1834 Apr 13 j 07:47	6°♈35'44	0°05'57
behind sun begin	-1834 Apr 13 j 03:06	6°♈10'06	
behind sun end	-1834 Apr 13 j 12:28	7°♈01'23	
evening rise	-1834 Apr 20 j 07:20	21°♈42'46	
	-1834 Apr 24 j 08:32	0°♉	
	-1834 May 13 j 02:44	0°♊	
evening max el	-1834 May 17 j 18:36	5°♊01'12	25°37'25
desc. node	-1834 May 23 j 16:43	9°♊40'51	
retrograde	-1834 May 31 j 20:05	12°♊13'41	
evening set	-1834 Jun 06 j 14:31	10°♊54'39	
min. Earth dist.	-1834 Jun 11 j 06:43	8°♊11'40	0.58328 AU
inferior conj	-1834 Jun 14 j 13:08	5°♊51'43	-4°-28'-28
minimum elong	-1834 Jun 14 j 11:03	5°♊55'29	4°28'18
morning rise	-1834 Jun 22 j 11:27	1°♊31'24	
direct	-1834 Jun 24 j 23:26	1°♊11'35	
morning max el	-1834 Jul 03 j 06:14	5°♊05'44	18°45'22
asc. node	-1834 Jul 09 j 17:44	13°♊16'43	
	-1834 Jul 19 j 00:59	0°♋	
morning set	-1834 Jul 19 j 15:35	1°♋11'00	
superior conj	-1834 Jul 28 j 09:12	18°♋05'52	1°47'40
minimum elong	-1834 Jul 28 j 10:01	18°♋09'44	1°47'41
	-1834 Aug 03 j 20:39	0°♌	
max. Earth dist.	-1834 Aug 04 j 09:44	0°♌58'04	1.39282 AU
evening rise	-1834 Aug 08 j 11:22	8°♌02'03	
desc. node	-1834 Aug 19 j 16:04	26°♌06'41	
	-1834 Aug 22 j 05:45	0°♍	
evening max el	-1834 Sep 12 j 18:34	27°♍57'03	24°09'38
	-1834 Sep 14 j 23:02	0°♎	
retrograde	-1834 Sep 23 j 19:55	4°♎26'53	
evening set	-1834 Sep 29 j 03:02	2°♎13'47	
	-1834 Oct 01 j 07:42	30°℞♍	
min. Earth dist.	-1834 Oct 03 j 22:02	26°♍40'57	0.67403 AU
inferior conj	-1834 Oct 04 j 12:45	25°♍51'14	0°-24'-13
minimum elong	-1834 Oct 04 j 13:20	25°♍49'16	0°23'58
asc. node	-1834 Oct 05 j 16:52	24°♍17'13	
morning rise	-1834 Oct 09 j 23:53	19°♍42'33	
direct	-1834 Oct 13 j 19:23	18°♍19'40	
morning max el	-1834 Oct 21 j 20:49	23°♍01'13	20°35'28
	-1834 Oct 27 j 18:20	0°♎	
greatest brilliancy	-1834 Oct 28 j 01:50	0°♎24'38	-0.5m
desc. node	-1834 Nov 15 j 15:26	27°♎32'14	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1834 Nov 17 j 05:52	0°♏	
morning set	-1834 Nov 19 j 07:37	3°♏12'26	
max. Earth dist.	-1834 Nov 28 j 22:26	18°♏24'59	1.43213 AU
superior conj	-1834 Dec 05 j 06:49	28°♏49'40	-1°-45'-46
minimum elong	-1834 Dec 05 j 01:13	28°♏26'21	1°45'26
	-1834 Dec 05 j 23:39	0°♐	
evening rise	-1834 Dec 17 j 13:53	19°♐58'23	
	-1834 Dec 23 j 07:09	0°♑	
asc. node	-1833 Jan 01 j 16:05	14°♑31'34	
evening max el	-1833 Jan 03 j 19:21	16°♑55'48	18°08'48
retrograde	-1833 Jan 10 j 08:54	20°♑22'42	
evening set	-1833 Jan 13 j 02:11	19°♑46'24	
inferior conj	-1833 Jan 19 j 12:41	14°♑35'23	3°55'22
minimum elong	-1833 Jan 19 j 11:52	14°♑37'29	3°55'19
min. Earth dist.	-1833 Jan 22 j 08:26	11°♑42'17	0.62294 AU
morning rise	-1833 Jan 25 j 19:25	8°♑41'05	
direct	-1833 Feb 01 j 19:51	6°♑05'47	
desc. node	-1833 Feb 11 j 14:37	10°♑12'06	
morning max el	-1833 Feb 15 j 19:34	13°♑54'53	27°45'20
	-1833 Feb 28 j 19:27	0°♒	
	-1833 Mar 18 j 10:09	0°♓	
morning set	-1833 Mar 21 j 06:30	5°♓40'10	
max. Earth dist.	-1833 Mar 27 j 00:50	17°♓44'44	1.32775 AU
superior conj	-1833 Mar 28 j 18:00	21°♓26'58	0°-19'-50
minimum elong	-1833 Mar 28 j 18:55	21°♓31'58	0°19'40
asc. node	-1833 Mar 30 j 15:27	25°♓33'47	
	-1833 Apr 01 j 16:30	0°♈	
evening rise	-1833 Apr 04 j 18:58	6°♈38'34	
	-1833 Apr 17 j 04:35	0°♉	
evening max el	-1833 Apr 29 j 10:17	15°♉49'46	24°10'02
desc. node	-1833 May 10 j 13:46	22°♉31'13	
retrograde	-1833 May 13 j 06:57	22°♉48'08	
evening set	-1833 May 17 j 16:34	22°♉04'55	
min. Earth dist.	-1833 May 23 j 21:46	19°♉02'27	0.56548 AU
inferior conj	-1833 May 26 j 11:01	17°♉26'44	-3°-50'-5
minimum elong	-1833 May 26 j 05:08	17°♉35'59	3°48'56
morning rise	-1833 Jun 03 j 21:38	13°♉24'30	
direct	-1833 Jun 06 j 10:58	13°♉07'11	
morning max el	-1833 Jun 16 j 03:25	17°♉36'27	19°41'11
	-1833 Jun 25 j 10:44	0°♊	
asc. node	-1833 Jun 26 j 14:47	2°♊00'55	
morning set	-1833 Jul 03 j 17:00	15°♊33'39	
	-1833 Jul 10 j 20:55	0°♋	
superior conj	-1833 Jul 11 j 17:47	1°♋43'35	1°46'34
minimum elong	-1833 Jul 11 j 16:44	1°♋38'23	1°46'33
max. Earth dist.	-1833 Jul 17 j 12:29	12°♋51'56	1.37341 AU
evening rise	-1833 Jul 21 j 10:00	20°♋00'13	
	-1833 Jul 27 j 04:20	0°♌	
desc. node	-1833 Aug 06 j 13:06	16°♌24'00	
	-1833 Aug 16 j 06:48	0°♍	
evening max el	-1833 Aug 26 j 05:42	11°♍30'46	25°25'14
retrograde	-1833 Sep 07 j 06:48	18°♍27'55	
evening set	-1833 Sep 13 j 04:50	15°♍58'01	
min. Earth dist.	-1833 Sep 17 j 15:18	11°♍01'03	0.66930 AU
inferior conj	-1833 Sep 18 j 16:50	9°♍38'15	-1°-18'-54
minimum elong	-1833 Sep 18 j 18:46	9°♍32'00	1°18'07
asc. node	-1833 Sep 22 j 13:56	5°♍05'01	
morning rise	-1833 Sep 24 j 09:17	3°♍37'34	
direct	-1833 Sep 27 j 17:37	2°♍32'41	
morning max el	-1833 Oct 05 j 00:11	6°♍41'53	19°31'17
greatest brilliancy	-1833 Oct 13 j 22:20	18°♍08'20	-0.7m
	-1833 Oct 21 j 19:57	0°♎	
morning set	-1833 Oct 29 j 07:34	11°♎34'05	
desc. node	-1833 Nov 02 j 12:29	18°♎06'56	
	-1833 Nov 10 j 02:17	0°♏	
max. Earth dist.	-1833 Nov 11 j 11:40	2°♏12'00	1.44414 AU
superior conj	-1833 Nov 15 j 03:10	8°♏00'13	-1°-15'-45
minimum elong	-1833 Nov 14 j 19:26	7°♏29'21	1°14'58
	-1833 Nov 28 j 13:52	0°♐	
evening rise	-1833 Nov 29 j 08:38	1°♐18'25	
	-1833 Dec 18 j 01:46	0°♑	
evening max el	-1833 Dec 18 j 07:54	0°♑15'51	18°24'01
asc. node	-1833 Dec 19 j 13:08	1°♑24'54	
retrograde	-1833 Dec 24 j 21:09	3°♑51'05	
evening set	-1833 Dec 27 j 18:51	3°♑05'15	
	-1833 Dec 31 j 15:21	30°℞♐	
inferior conj	-1832 Jan 02 j 20:13	27°♐34'46	3°40'29
minimum elong	-1832 Jan 02 j 17:55	27°♐41'20	3°40'07
min. Earth dist.	-1832 Jan 05 j 01:10	25°♐03'53	0.64058 AU
morning rise	-1832 Jan 08 j 15:32	21°♐31'14	
direct	-1832 Jan 15 j 13:52	18°♐41'29	
morning max el	-1832 Jan 29 j 03:54	26°♐28'15	27°29'18
desc. node	-1832 Jan 29 j 11:40	26°♐47'41	
	-1832 Feb 01 j 11:29	0°♑	
	-1832 Feb 22 j 08:51	0°♒	
morning set	-1832 Mar 04 j 02:16	19°♒42'50	
max. Earth dist.	-1832 Mar 09 j 03:21	29°♒57'35	1.33491 AU
	-1832 Mar 09 j 03:48	0°♓	
superior conj	-1832 Mar 12 j 00:30	6°♓02'02	0°-45'-47
minimum elong	-1832 Mar 12 j 02:37	6°♓13'15	0°45'24
asc. node	-1832 Mar 16 j 12:29	15°♓39'39	
evening rise	-1832 Mar 19 j 06:19	21°♓28'46	
	-1832 Mar 23 j 10:36	0°♈	
evening max el	-1832 Apr 10 j 02:43	26°♈28'40	22°35'16
	-1832 Apr 14 j 10:51	0°♉	
retrograde	-1832 Apr 23 j 04:46	2°♉54'27	
evening set	-1832 Apr 26 j 07:11	2°♉33'24	
desc. node	-1832 Apr 26 j 10:46	2°♉31'22	
	-1832 May 02 j 16:03	30°℞♈	
min. Earth dist.	-1832 May 04 j 11:20	28°♈59'59	0.55380 AU
inferior conj	-1832 May 05 j 14:45	28°♈20'51	-2°-28'-33
minimum elong	-1832 May 05 j 08:37	28°♈29'37	2°26'42
morning rise	-1832 May 14 j 12:21	24°♈25'36	
direct	-1832 May 17 j 05:38	24°♈08'28	
morning max el	-1832 May 28 j 13:45	29°♈25'56	20°57'02
	-1832 May 29 j 04:04	0°♉	
asc. node	-1832 Jun 12 j 11:49	21°♉16'17	
morning set	-1832 Jun 16 j 23:56	0°♊15'01	
	-1832 Jun 16 j 21:00	0°♊	
superior conj	-1832 Jun 24 j 13:18	15°♊55'31	1°38'05
minimum elong	-1832 Jun 24 j 11:08	15°♊44'24	1°37'56
max. Earth dist.	-1832 Jun 28 j 21:25	24°♊40'47	1.35640 AU
	-1832 Jul 01 j 15:02	0°♋	
evening rise	-1832 Jul 03 j 04:38	2°♋58'19	
	-1832 Jul 19 j 02:55	0°♌	
desc. node	-1832 Jul 23 j 10:06	6°♌20'28	
evening max el	-1832 Aug 07 j 17:14	25°♌04'51	26°28'04
	-1832 Aug 13 j 18:37	0°♍	
retrograde	-1832 Aug 20 j 12:41	2°♍18'00	
	-1832 Aug 26 j 12:54	30°℞♌	
evening set	-1832 Aug 27 j 00:44	29°♌36'02	
min. Earth dist.	-1832 Aug 31 j 03:18	25°♌16'58	0.66122 AU
inferior conj	-1832 Sep 01 j 16:44	23°♌22'55	-2°-12'-34
minimum elong	-1832 Sep 01 j 19:55	23°♌13'14	2°11'24
morning rise	-1832 Sep 07 j 16:05	17°♌33'33	
asc. node	-1832 Sep 08 j 11:00	17°♌10'27	
direct	-1832 Sep 10 j 15:38	16°♌43'06	
morning max el	-1832 Sep 17 j 09:51	20°♌28'54	18°42'21

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1832 Sep 24 j 18:54	0°♍	
morning set	-1832 Oct 08 j 04:21	21°♍01'05	
	-1832 Oct 13 j 19:48	0°♎	
desc. node	-1832 Oct 19 j 09:31	8°♎48'30	
superior conj	-1832 Oct 24 j 04:56	16°♎22'58	0°-30'-43
minimum elong	-1832 Oct 24 j 00:54	16°♎07'05	0°30'13
max. Earth dist.	-1832 Oct 24 j 05:23	16°♎24'42	1.44931 AU
	-1832 Nov 01 j 20:10	0°♏	
evening rise	-1832 Nov 09 j 03:40	11°♏37'53	
	-1832 Nov 20 j 17:03	0°♐	
evening max el	-1832 Nov 30 j 18:42	13°♐41'08	18°57'02
asc. node	-1832 Dec 05 j 10:11	17°♐07'35	
retrograde	-1832 Dec 07 j 15:15	17°♐34'36	
evening set	-1832 Dec 10 j 18:47	16°♐37'34	
inferior conj	-1832 Dec 16 j 13:21	10°♐49'58	3°12'09
minimum elong	-1832 Dec 16 j 10:26	10°♐59'01	3°11'25
min. Earth dist.	-1832 Dec 18 j 03:19	8°♐52'16	0.65468 AU
morning rise	-1832 Dec 22 j 01:07	4°♐39'59	
direct	-1832 Dec 28 j 14:12	1°♐50'43	
morning max el	-1831 Jan 10 j 13:27	9°♐25'13	26°42'03
desc. node	-1831 Jan 15 j 08:44	14°♐41'09	
	-1831 Jan 26 j 19:16	0°♑	
	-1831 Feb 13 j 19:12	0°♒	
morning set	-1831 Feb 15 j 10:59	3°♒07'16	
max. Earth dist.	-1831 Feb 19 j 19:18	11°♒35'32	1.34653 AU
superior conj	-1831 Feb 24 j 01:23	20°♒15'00	-1°-10'-37
minimum elong	-1831 Feb 24 j 04:28	20°♒30'58	1°10'08
	-1831 Feb 28 j 17:18	0°♓	
asc. node	-1831 Mar 03 j 09:31	5°♓35'21	
evening rise	-1831 Mar 03 j 15:34	6°♓06'43	
	-1831 Mar 16 j 21:11	0°♈	
evening max el	-1831 Mar 23 j 02:07	7°♈24'42	21°06'32
retrograde	-1831 Apr 03 j 18:10	13°♈01'54	
evening set	-1831 Apr 06 j 02:51	12°♈48'56	
desc. node	-1831 Apr 13 j 07:47	9°♈59'42	
inferior conj	-1831 Apr 15 j 09:25	8°♈50'35	0°-35'-4
minimum elong	-1831 Apr 15 j 07:46	8°♈52'56	0°34'28
min. Earth dist.	-1831 Apr 16 j 00:41	8°♈29'02	0.55083 AU
morning rise	-1831 Apr 24 j 12:08	4°♈45'27	
direct	-1831 Apr 27 j 16:48	4°♈23'18	
morning max el	-1831 May 10 j 13:24	10°♈33'20	22°29'24
	-1831 May 24 j 16:10	0°♉	
asc. node	-1831 May 30 j 08:52	10°♉54'45	
morning set	-1831 Jun 01 j 10:17	15°♉08'57	
	-1831 Jun 08 j 10:23	0°♊	
superior conj	-1831 Jun 08 j 16:20	0°♊31'28	1°24'01
minimum elong	-1831 Jun 08 j 13:46	0°♊17'51	1°23'44
max. Earth dist.	-1831 Jun 11 j 16:03	6°♊46'54	1.34282 AU
evening rise	-1831 Jun 16 j 14:13	16°♊42'08	
	-1831 Jun 23 j 17:31	0°♋	
desc. node	-1831 Jul 10 j 07:04	25°♋47'18	
	-1831 Jul 13 j 13:13	0°♌	
evening max el	-1831 Jul 21 j 04:58	8°♌30'39	27°10'21
retrograde	-1831 Aug 03 j 13:04	15°♌50'39	
evening set	-1831 Aug 10 j 12:15	13°♌04'43	
min. Earth dist.	-1831 Aug 14 j 07:41	9°♌23'33	0.64949 AU
inferior conj	-1831 Aug 16 j 10:18	7°♌01'46	-3°-2'-58
minimum elong	-1831 Aug 16 j 14:24	6°♌50'18	3°01'42
morning rise	-1831 Aug 22 j 18:01	1°♌27'10	
direct	-1831 Aug 25 j 11:10	0°♌47'48	
asc. node	-1831 Aug 26 j 08:04	0°♌51'52	
morning max el	-1831 Aug 31 j 23:44	4°♌18'48	18°10'06
	-1831 Sep 18 j 02:40	0°♍	
morning set	-1831 Sep 19 j 05:20	1°♍51'08	
superior conj	-1831 Oct 03 j 09:05	24°♍57'58	0°18'42
minimum elong	-1831 Oct 03 j 11:21	25°♍07'04	0°18'23
desc. node	-1831 Oct 06 j 06:31	29°♍33'59	
	-1831 Oct 06 j 13:06	0°♎	
max. Earth dist.	-1831 Oct 07 j 00:11	0°♎43'50	1.44709 AU
evening rise	-1831 Oct 19 j 23:35	21°♎00'57	
	-1831 Oct 25 j 18:59	0°♏	
greatest brilliancy	-1831 Nov 06 j 06:46	17°♏16'04	-0.6m
evening max el	-1831 Nov 14 j 01:32	27°♏08'22	19°46'21
	-1831 Nov 17 j 08:46	0°♐	
retrograde	-1831 Nov 21 j 12:15	1°♐28'51	
asc. node	-1831 Nov 22 j 07:14	1°♐25'16	
evening set	-1831 Nov 24 j 23:27	0°♐18'33	
	-1831 Nov 25 j 09:49	30°℞♏	
inferior conj	-1831 Nov 30 j 13:13	24°♏16'52	2°34'18
minimum elong	-1831 Nov 30 j 10:21	24°♏26'16	2°33'21
min. Earth dist.	-1831 Dec 01 j 13:33	22°♏56'43	0.66495 AU
morning rise	-1831 Dec 05 j 20:37	18°♏02'36	
direct	-1831 Dec 11 j 20:13	15°♏25'11	
morning max el	-1831 Dec 23 j 22:32	22°♏35'15	25°31'46
	-1831 Dec 30 j 11:52	0°♐	
desc. node	-1830 Jan 02 j 05:48	3°♐29'54	
	-1830 Jan 20 j 02:33	0°♑	
morning set	-1830 Jan 29 j 04:04	15°♑40'24	
max. Earth dist.	-1830 Feb 01 j 23:49	22°♑45'55	1.36257 AU
	-1830 Feb 05 j 17:50	0°♒	
superior conj	-1830 Feb 07 j 17:59	3°♒58'21	-1°-32'-39
minimum elong	-1830 Feb 07 j 21:30	4°♒15'57	1°32'16
evening rise	-1830 Feb 15 j 20:43	20°♒26'31	
asc. node	-1830 Feb 18 j 06:32	25°♒16'16	
	-1830 Feb 20 j 17:04	0°♓	
evening max el	-1830 Mar 05 j 12:05	18°♓55'06	19°52'47
retrograde	-1830 Mar 15 j 11:23	23°♓40'44	
evening set	-1830 Mar 17 j 16:08	23°♓27'52	
inferior conj	-1830 Mar 26 j 09:29	19°♓26'26	1°19'26
minimum elong	-1830 Mar 26 j 12:45	19°♓21'23	1°18'21
min. Earth dist.	-1830 Mar 28 j 14:48	18°♓04'35	0.55732 AU
desc. node	-1830 Mar 31 j 04:51	16°♓36'25	
morning rise	-1830 Apr 04 j 06:17	14°♓54'24	
direct	-1830 Apr 08 j 09:00	14°♓17'00	
morning max el	-1830 Apr 22 j 05:55	21°♓11'46	24°09'30
	-1830 Apr 29 j 19:54	0°♈	
morning set	-1830 May 16 j 22:13	0°♉08'54	
	-1830 May 16 j 20:31	0°♉	
asc. node	-1830 May 17 j 05:54	0°♉49'18	
superior conj	-1830 May 24 j 00:16	15°♉22'30	1°05'45
minimum elong	-1830 May 23 j 21:51	15°♉09'28	1°05'23
max. Earth dist.	-1830 May 25 j 19:40	19°♉15'49	1.33304 AU
	-1830 May 30 j 22:56	0°♊	
evening rise	-1830 May 31 j 10:27	0°♊58'18	
	-1830 Jun 16 j 16:47	0°♋	
desc. node	-1830 Jun 27 j 04:05	14°♋31'24	
evening max el	-1830 Jul 03 j 15:10	21°♋34'50	27°25'20
retrograde	-1830 Jul 17 j 07:41	28°♋56'15	
evening set	-1830 Jul 24 j 12:09	26°♋18'08	
min. Earth dist.	-1830 Jul 28 j 02:35	23°♋10'26	0.63400 AU
inferior conj	-1830 Jul 30 j 18:51	20°♋28'14	-3°-46'-58
minimum elong	-1830 Jul 30 j 23:07	20°♋17'28	3°45'59
morning rise	-1830 Aug 06 j 12:12	15°♋11'48	
direct	-1830 Aug 09 j 01:17	14°♋40'30	
asc. node	-1830 Aug 13 j 05:09	16°♋04'44	
morning max el	-1830 Aug 15 j 15:08	18°♋05'22	17°55'24
	-1830 Aug 24 j 05:44	0°♌	
morning set	-1830 Sep 01 j 07:16	13°♌52'21	
	-1830 Sep 10 j 16:07	0°♍	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1830 Sep 13 j 10:52	4°♍38'50	1°00'29
minimum elong	-1830 Sep 13 j 16:11	5°♍00'49	0°59'52
max. Earth dist.	-1830 Sep 19 j 16:18	14°♍48'20	1.43786 AU
desc. node	-1830 Sep 23 j 03:31	20°♍19'53	
evening rise	-1830 Sep 29 j 05:48	29°♍51'30	
	-1830 Sep 29 j 08:00	0°♎	
	-1830 Oct 19 j 13:30	0°♏	
greatest brilliancy	-1830 Oct 22 j 09:35	3°♏48'43	-0.5m
evening max el	-1830 Oct 28 j 02:49	10°♏35'23	20°49'45
retrograde	-1830 Nov 05 j 09:44	15°♏29'54	
evening set	-1830 Nov 09 j 06:41	14°♏04'08	
asc. node	-1830 Nov 09 j 04:18	14°♏08'32	
inferior conj	-1830 Nov 14 j 17:22	7°♏51'52	1°49'33
minimum elong	-1830 Nov 14 j 15:05	7°♏59'40	1°48'39
min. Earth dist.	-1830 Nov 15 j 05:45	7°♏09'36	0.67158 AU
morning rise	-1830 Nov 19 j 23:04	1°♏35'38	
	-1830 Nov 22 j 06:57	30°℞♎	
direct	-1830 Nov 25 j 07:25	29°♎17'00	
	-1830 Nov 28 j 13:29	0°♏	
morning max el	-1830 Dec 06 j 07:11	5°♏50'22	24°08'07
desc. node	-1830 Dec 20 j 02:52	22°♏57'36	
	-1830 Dec 25 j 00:24	0°♐	
morning set	-1829 Jan 10 j 23:34	27°♐06'06	
	-1829 Jan 12 j 15:33	0°♑	
max. Earth dist.	-1829 Jan 14 j 20:19	3°♑53'45	1.38209 AU
superior conj	-1829 Jan 21 j 22:45	17°♑02'23	-1°-49'-37
minimum elong	-1829 Jan 22 j 01:42	17°♑16'31	1°49'28
	-1829 Jan 28 j 14:22	0°♒	
evening rise	-1829 Jan 30 j 19:22	4°♒21'17	
asc. node	-1829 Feb 05 j 03:34	14°♒36'42	
	-1829 Feb 15 j 07:49	0°♓	
evening max el	-1829 Feb 16 j 08:39	1°♓03'04	18°58'04
retrograde	-1829 Feb 24 j 19:19	5°♓06'52	
evening set	-1829 Feb 27 j 02:54	4°♓49'47	
inferior conj	-1829 Mar 07 j 02:32	0°♓33'30	2°46'23
minimum elong	-1829 Mar 07 j 07:09	0°♓25'15	2°45'13
	-1829 Mar 07 j 21:19	30°℞♒	
min. Earth dist.	-1829 Mar 10 j 06:48	28°♒19'03	0.57175 AU
morning rise	-1829 Mar 15 j 07:21	25°♒29'29	
desc. node	-1829 Mar 18 j 01:56	24°♒37'59	
direct	-1829 Mar 20 j 14:22	24°♒22'39	
	-1829 Apr 01 j 22:18	0°♓	
morning max el	-1829 Apr 03 j 21:07	1°♓46'48	25°43'39
	-1829 Apr 23 j 18:08	0°♈	
morning set	-1829 May 01 j 10:06	15°♈09'12	
asc. node	-1829 May 04 j 02:57	20°♈54'46	
superior conj	-1829 May 08 j 11:03	0°♉21'49	0°44'17
minimum elong	-1829 May 08 j 09:14	0°♉11'53	0°43'56
	-1829 May 08 j 07:03	0°♉	
max. Earth dist.	-1829 May 09 j 05:43	2°♉03'44	1.32701 AU
evening rise	-1829 May 15 j 14:06	15°♉36'48	
	-1829 May 22 j 22:40	0°♊	
	-1829 Jun 11 j 23:32	0°♋	
desc. node	-1829 Jun 14 j 01:06	2°♋14'35	
evening max el	-1829 Jun 15 j 21:35	4°♋05'31	27°08'25
retrograde	-1829 Jun 29 j 19:44	11°♋25'19	
evening set	-1829 Jul 06 j 20:22	9°♋09'21	
min. Earth dist.	-1829 Jul 10 j 11:28	6°♋24'11	0.61531 AU
inferior conj	-1829 Jul 13 j 15:14	3°♋35'05	-4°-19'-39
minimum elong	-1829 Jul 13 j 18:22	3°♋28'03	4°19'14
	-1829 Jul 18 j 02:35	30°℞♊	
morning rise	-1829 Jul 20 j 19:12	28°♊39'25	
direct	-1829 Jul 23 j 06:26	28°♊13'52	
	-1829 Jul 28 j 04:57	0°♋	
morning max el	-1829 Jul 30 j 05:10	1°♋41'40	17°59'14
asc. node	-1829 Jul 31 j 02:13	2°♋35'34	
morning set	-1829 Aug 15 j 04:24	26°♋48'39	
	-1829 Aug 16 j 22:12	0°♌	
superior conj	-1829 Aug 25 j 16:17	15°♌41'32	1°28'57
minimum elong	-1829 Aug 25 j 20:47	16°♌01'10	1°28'35
max. Earth dist.	-1829 Sep 02 j 03:13	28°♌21'07	1.42290 AU
	-1829 Sep 03 j 03:13	0°♍	
evening rise	-1829 Sep 08 j 16:38	8°♍57'29	
desc. node	-1829 Sep 10 j 00:31	11°♍03'08	
	-1829 Sep 22 j 12:39	0°♎	
greatest brilliancy	-1829 Oct 06 j 04:01	18°♎39'33	-0.3m
evening max el	-1829 Oct 10 j 22:10	24°♎02'34	22°03'50
retrograde	-1829 Oct 20 j 05:47	29°♎35'01	
evening set	-1829 Oct 24 j 14:37	27°♎51'45	
asc. node	-1829 Oct 27 j 01:22	25°♎24'17	
inferior conj	-1829 Oct 29 j 23:47	21°♎32'38	0°59'54
minimum elong	-1829 Oct 29 j 22:26	21°♎37'18	0°59'20
min. Earth dist.	-1829 Oct 30 j 01:23	21°♎27'04	0.67497 AU
morning rise	-1829 Nov 04 j 06:02	15°♎17'00	
direct	-1829 Nov 08 j 23:10	13°♎20'13	
morning max el	-1829 Nov 18 j 17:38	19°♎08'47	22°40'49
greatest brilliancy	-1829 Nov 23 j 10:09	24°♎24'22	-0.3m
	-1829 Nov 27 j 19:30	0°♏	
desc. node	-1829 Dec 06 j 23:54	12°♏52'44	
	-1829 Dec 18 j 05:08	0°♐	
morning set	-1829 Dec 22 j 15:27	7°♐08'44	
max. Earth dist.	-1829 Dec 27 j 16:06	15°♐32'50	1.40310 AU
superior conj	-1828 Jan 04 j 11:01	29°♐14'26	-1°-58'-23
minimum elong	-1828 Jan 04 j 11:50	29°♐18'07	1°58'26
	-1828 Jan 04 j 21:03	0°♑	
evening rise	-1828 Jan 14 j 08:30	17°♑42'42	
	-1828 Jan 20 j 23:54	0°♒	
asc. node	-1828 Jan 23 j 00:38	3°♒28'51	
evening max el	-1828 Jan 30 j 13:28	13°♒41'24	18°23'21
retrograde	-1828 Feb 06 j 21:46	17°♒18'51	
evening set	-1828 Feb 09 j 09:25	16°♒55'08	
inferior conj	-1828 Feb 16 j 16:16	12°♒18'16	3°36'50
minimum elong	-1828 Feb 16 j 19:13	12°♒12'10	3°36'25
min. Earth dist.	-1828 Feb 20 j 02:19	9°♒29'54	0.59107 AU
morning rise	-1828 Feb 24 j 01:27	6°♒48'53	
direct	-1828 Mar 01 j 09:01	5°♒03'46	
desc. node	-1828 Mar 03 j 23:01	5°♒20'56	
morning max el	-1828 Mar 15 j 15:59	12°♒42'58	26°56'57
	-1828 Mar 29 j 07:11	0°♓	
morning set	-1828 Apr 14 j 20:11	0°♈02'49	
	-1828 Apr 14 j 19:38	0°♈	
asc. node	-1828 Apr 19 j 23:59	11°♈05'45	
superior conj	-1828 Apr 21 j 22:49	15°♈22'06	0°20'28
minimum elong	-1828 Apr 21 j 21:55	15°♈17'09	0°20'17
max. Earth dist.	-1828 Apr 21 j 18:38	14°♈59'14	1.32454 AU
evening rise	-1828 Apr 28 j 22:29	0°♉27'56	
	-1828 Apr 28 j 17:10	0°♉	
	-1828 May 15 j 04:15	0°♊	
evening max el	-1828 May 27 j 22:08	15°♊53'54	26°18'55
desc. node	-1828 May 30 j 22:08	18°♊31'11	
retrograde	-1828 Jun 10 j 23:35	23°♊09'47	
evening set	-1828 Jun 17 j 08:28	21°♊28'37	
min. Earth dist.	-1828 Jun 21 j 11:15	18°♊49'38	0.59485 AU
inferior conj	-1828 Jun 24 j 19:50	16°♊13'07	-4°-33'-22
minimum elong	-1828 Jun 24 j 20:05	16°♊12'38	4°33'20
morning rise	-1828 Jul 02 j 11:12	11°♊39'44	
direct	-1828 Jul 04 j 22:32	11°♊18'08	
morning max el	-1828 Jul 12 j 14:52	14°♊59'24	18°22'39
asc. node	-1828 Jul 16 j 23:16	20°♊08'50	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1828 Jul 23 j 01:12	0°♋	
morning set	-1828 Jul 28 j 15:33	10°♋26'39	
superior conj	-1828 Aug 06 j 22:01	27°♋56'50	1°44'07
minimum elong	-1828 Aug 07 j 00:11	28°♋06'49	1°44'03
	-1828 Aug 08 j 00:56	0°♌	
max. Earth dist.	-1828 Aug 14 j 08:45	11°♌12'41	1.40424 AU
evening rise	-1828 Aug 19 j 00:00	19°♌02'09	
	-1828 Aug 25 j 19:45	0°♍	
desc. node	-1828 Aug 26 j 21:31	1°♍40'12	
	-1828 Sep 15 j 21:41	0°♎	
evening max el	-1828 Sep 22 j 12:41	7°♎31'58	23°23'42
retrograde	-1828 Oct 02 j 22:55	13°♎41'48	
evening set	-1828 Oct 07 j 21:32	11°♎39'44	
asc. node	-1828 Oct 12 j 22:26	5°♎45'42	
inferior conj	-1828 Oct 13 j 06:39	5°♎17'33	0°07'05
minimum elong	-1828 Oct 13 j 06:28	5°♎18'09	0°07'01
transit middle	-1828 Oct 13 j 06:28	5°♎18'09	0°07'01
transit begin	-1828 Oct 13 j 04:02	5°♎26'32	
transit end	-1828 Oct 13 j 08:55	5°♎09'46	
min. Earth dist.	-1828 Oct 12 j 21:59	5°♎47'16	0.67525 AU
	-1828 Oct 17 j 14:20	30°℞♍	
morning rise	-1828 Oct 18 j 15:27	29°♍05'28	
direct	-1828 Oct 22 j 18:27	27°♍30'34	
	-1828 Oct 28 j 13:10	0°♎	
morning max el	-1828 Oct 31 j 09:19	2°♎34'28	21°18'23
greatest brilliancy	-1828 Nov 05 j 16:28	8°♎41'41	-0.4m
	-1828 Nov 20 j 19:01	0°♏	
desc. node	-1828 Nov 22 j 20:57	3°♏07'49	
morning set	-1828 Dec 01 j 03:16	15°♏52'37	
max. Earth dist.	-1828 Dec 08 j 18:19	28°♏07'29	1.42272 AU
	-1828 Dec 09 j 21:39	0°♐	
superior conj	-1828 Dec 16 j 01:21	10°♐21'48	-1°-54'-57
minimum elong	-1828 Dec 15 j 22:16	10°♐08'34	1°54'53
evening rise	-1828 Dec 27 j 08:34	0°♑23'39	
	-1828 Dec 27 j 03:21	0°♑	
asc. node	-1827 Jan 08 j 21:41	21°♑44'00	
evening max el	-1827 Jan 12 j 23:33	26°♑41'48	18°08'27
	-1827 Jan 18 j 08:37	0°♒	
retrograde	-1827 Jan 19 j 16:51	0°♒08'27	
	-1827 Jan 21 j 01:22	30°℞♑	
evening set	-1827 Jan 22 j 08:11	29°♑36'52	
inferior conj	-1827 Jan 29 j 01:11	24°♑37'53	3°55'38
minimum elong	-1827 Jan 29 j 01:37	24°♑36'51	3°55'36
min. Earth dist.	-1827 Feb 01 j 04:10	21°♑40'11	0.61173 AU
morning rise	-1827 Feb 04 j 16:30	18°♑51'11	
direct	-1827 Feb 11 j 14:04	16°♑31'06	
desc. node	-1827 Feb 18 j 20:06	18°♑47'22	
morning max el	-1827 Feb 25 j 17:01	24°♑17'08	27°38'08
	-1827 Mar 02 j 21:57	0°♒	
	-1827 Mar 22 j 13:03	0°♓	
morning set	-1827 Mar 30 j 02:36	14°♓43'09	
max. Earth dist.	-1827 Apr 05 j 06:46	27°♓49'35	1.32559 AU
superior conj	-1827 Apr 06 j 09:54	0°♈17'20	0°-4'-54
minimum elong	-1827 Apr 06 j 10:07	0°♈18'35	0°04'52
behind sun begin	-1827 Apr 06 j 05:17	29°♓52'08	
behind sun end	-1827 Apr 06 j 14:58	0°♈45'02	
	-1827 Apr 06 j 06:43	0°♈	
asc. node	-1827 Apr 06 j 21:02	1°♈18'09	
evening rise	-1827 Apr 13 j 09:29	15°♈24'13	
	-1827 Apr 20 j 17:27	0°♉	
evening max el	-1827 May 09 j 16:23	27°♉00'29	25°02'03
	-1827 May 13 j 04:05	0°♊	
desc. node	-1827 May 17 j 19:11	2°♊47'34	
retrograde	-1827 May 23 j 16:48	4°♊07'46	
evening set	-1827 May 28 j 21:59	3°♊05'18	
min. Earth dist.	-1827 Jun 03 j 04:15	0°♊15'37	0.57519 AU
	-1827 Jun 03 j 13:48	30°℞♉	
inferior conj	-1827 Jun 06 j 05:20	28°♉12'48	-4°-17'-17
minimum elong	-1827 Jun 06 j 01:27	28°♉19'24	4°16'48
morning rise	-1827 Jun 14 j 08:50	24°♉00'45	
direct	-1827 Jun 16 j 21:26	23°♉42'00	
morning max el	-1827 Jun 25 j 17:15	27°♉49'22	19°06'36
	-1827 Jun 27 j 19:29	0°♊	
asc. node	-1827 Jul 03 j 20:19	8°♊30'29	
morning set	-1827 Jul 12 j 12:39	24°♊35'25	
	-1827 Jul 15 j 06:07	0°♋	
superior conj	-1827 Jul 20 j 22:17	11°♋08'35	1°48'14
minimum elong	-1827 Jul 20 j 22:13	11°♋08'17	1°48'15
max. Earth dist.	-1827 Jul 27 j 11:27	23°♋24'43	1.38437 AU
evening rise	-1827 Jul 31 j 08:51	0°♌19'39	
	-1827 Jul 31 j 04:21	0°♌	
desc. node	-1827 Aug 13 j 18:32	22°♌06'14	
	-1827 Aug 19 j 03:15	0°♍	
evening max el	-1827 Sep 05 j 00:24	21°♍04'07	24°42'56
retrograde	-1827 Sep 16 j 12:08	27°♍46'05	
evening set	-1827 Sep 22 j 01:41	25°♍25'29	
min. Earth dist.	-1827 Sep 26 j 17:00	20°♍07'47	0.67243 AU
inferior conj	-1827 Sep 27 j 12:12	19°♍03'57	0°-47'-24
minimum elong	-1827 Sep 27 j 13:21	19°♍00'07	0°46'55
asc. node	-1827 Sep 29 j 19:29	16°♍06'47	
morning rise	-1827 Oct 03 j 01:24	12°♍58'25	
direct	-1827 Oct 06 j 15:58	11°♍43'28	
morning max el	-1827 Oct 14 j 08:24	16°♍09'39	20°06'30
greatest brilliancy	-1827 Oct 21 j 10:59	24°♍51'32	-0.6m
	-1827 Oct 25 j 02:27	0°♎	
desc. node	-1827 Nov 09 j 17:57	23°♎36'25	
morning set	-1827 Nov 10 j 00:31	24°♎01'48	
	-1827 Nov 13 j 20:42	0°♏	
max. Earth dist.	-1827 Nov 21 j 04:32	11°♏34'23	1.43807 AU
superior conj	-1827 Nov 26 j 12:56	20°♏13'20	-1°-35'-14
minimum elong	-1827 Nov 26 j 05:53	19°♏44'30	1°34'40
	-1827 Dec 02 j 10:33	0°♐	
evening rise	-1827 Dec 09 j 15:15	12°♐15'28	
	-1827 Dec 20 j 03:07	0°♑	
asc. node	-1827 Dec 26 j 18:43	9°♑10'50	
evening max el	-1827 Dec 27 j 11:55	9°♑56'05	18°12'55
retrograde	-1826 Jan 03 j 00:13	13°♑25'08	
evening set	-1826 Jan 05 j 19:19	12°♑44'48	
inferior conj	-1826 Jan 12 j 01:35	7°♑24'56	3°51'01
minimum elong	-1826 Jan 12 j 00:02	7°♑29'07	3°50'50
min. Earth dist.	-1826 Jan 14 j 15:05	4°♑39'48	0.63089 AU
morning rise	-1826 Jan 18 j 02:59	1°♑26'19	
	-1826 Jan 20 j 07:34	30°℞♐	
direct	-1826 Jan 25 j 03:30	28°♐43'23	
	-1826 Jan 30 j 07:42	0°♑	
desc. node	-1826 Feb 05 j 17:10	4°♑24'20	
morning max el	-1826 Feb 07 j 23:34	6°♑31'40	27°42'46
	-1826 Feb 25 j 21:46	0°♒	
morning set	-1826 Mar 14 j 03:05	29°♒02'34	
	-1826 Mar 14 j 14:30	0°♓	
max. Earth dist.	-1826 Mar 19 j 14:09	10°♓21'01	1.33034 AU
superior conj	-1826 Mar 21 j 18:37	15°♓01'46	0°-30'-54
minimum elong	-1826 Mar 21 j 20:03	15°♓09'30	0°30'38
asc. node	-1826 Mar 24 j 18:04	21°♓27'47	
evening rise	-1826 Mar 28 j 21:15	0°♈18'52	
	-1826 Mar 28 j 17:40	0°♈	
	-1826 Apr 14 j 16:08	0°♉	
evening max el	-1826 Apr 21 j 07:31	7°♉41'25	23°29'39

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

retrograde	-1826 May 04 j 21:49	14°♉28'20	
desc. node	-1826 May 04 j 16:13	14°♉28'12	
evening set	-1826 May 08 j 17:27	13°♉56'17	
min. Earth dist.	-1826 May 15 j 18:03	10°♉42'21	0.55959 AU
inferior conj	-1826 May 17 j 18:53	9°♉29'38	-3°-20'-39
minimum elong	-1826 May 17 j 12:16	9°♉39'32	3°19'01
morning rise	-1826 May 26 j 10:34	5°♉32'33	
direct	-1826 May 29 j 01:14	5°♉15'39	
morning max el	-1826 Jun 08 j 09:58	10°♉03'30	20°11'13
asc. node	-1826 Jun 20 j 17:22	27°♉29'23	
	-1826 Jun 22 j 01:42	0°♊	
morning set	-1826 Jun 26 j 16:43	9°♊07'27	
superior conj	-1826 Jul 04 j 12:02	25°♊02'53	1°43'44
minimum elong	-1826 Jul 04 j 10:25	24°♊54'46	1°43'42
	-1826 Jul 06 j 23:42	0°♋	
max. Earth dist.	-1826 Jul 09 j 16:27	5°♋14'39	1.36576 AU
evening rise	-1826 Jul 13 j 16:38	12°♋45'07	
	-1826 Jul 23 j 16:45	0°♌	
desc. node	-1826 Jul 31 j 15:31	12°♌15'52	
	-1826 Aug 14 j 02:46	0°♍	
evening max el	-1826 Aug 18 j 11:28	4°♍38'18	25°53'56
retrograde	-1826 Aug 30 j 20:52	11°♍43'31	
evening set	-1826 Sep 06 j 01:14	9°♍07'22	
min. Earth dist.	-1826 Sep 10 j 08:11	4°♍26'41	0.66633 AU
inferior conj	-1826 Sep 11 j 14:43	2°♍50'05	-1°-41'-54
minimum elong	-1826 Sep 11 j 17:12	2°♍42'14	1°40'56
	-1826 Sep 13 j 22:42	30°℞♌	
asc. node	-1826 Sep 16 j 16:32	27°♌23'28	
morning rise	-1826 Sep 17 j 09:56	26°♌54'07	
direct	-1826 Sep 20 j 14:14	25°♌55'53	
morning max el	-1826 Sep 27 j 14:44	29°♌53'48	19°08'34
	-1826 Sep 27 j 17:10	0°♍	
	-1826 Oct 18 j 12:56	0°♎	
morning set	-1826 Oct 20 j 07:21	2°♎46'10	
desc. node	-1826 Oct 27 j 14:57	14°♎14'21	
max. Earth dist.	-1826 Nov 03 j 20:12	25°♎35'08	1.44722 AU
superior conj	-1826 Nov 05 j 23:22	28°♎57'18	0°-58'00
minimum elong	-1826 Nov 05 j 16:30	28°♎30'04	0°57'13
	-1826 Nov 06 j 15:12	0°♏	
evening rise	-1826 Nov 21 j 00:14	23°♏10'20	
	-1826 Nov 25 j 04:02	0°♐	
evening max el	-1826 Dec 10 j 23:55	23°♐18'26	18°35'55
asc. node	-1826 Dec 13 j 15:45	25°♐35'58	
retrograde	-1826 Dec 17 j 15:31	27°♐00'42	
evening set	-1826 Dec 20 j 15:25	26°♐10'22	
inferior conj	-1826 Dec 26 j 13:36	20°♐32'01	3°29'53
minimum elong	-1826 Dec 26 j 10:57	20°♐39'54	3°29'20
min. Earth dist.	-1826 Dec 28 j 12:01	18°♐14'23	0.64700 AU
morning rise	-1825 Jan 01 j 05:16	14°♐25'11	
direct	-1825 Jan 08 j 00:10	11°♐34'08	
morning max el	-1825 Jan 21 j 08:58	19°♐17'34	27°12'39
desc. node	-1825 Jan 23 j 14:13	21°♐36'31	
	-1825 Jan 30 j 12:55	0°♑	
	-1825 Feb 18 j 20:56	0°♒	
morning set	-1825 Feb 25 j 18:40	12°♒50'55	
max. Earth dist.	-1825 Mar 02 j 12:41	22°♒20'24	1.33929 AU
superior conj	-1825 Mar 05 j 23:00	29°♒28'21	0°-56'-33
minimum elong	-1825 Mar 06 j 01:34	29°♒41'52	0°56'06
	-1825 Mar 06 j 05:01	0°♓	
asc. node	-1825 Mar 11 j 15:05	11°♓30'00	
evening rise	-1825 Mar 13 j 07:58	15°♓04'50	
	-1825 Mar 20 j 22:11	0°♈	
evening max el	-1825 Apr 03 j 02:04	18°♈24'19	21°56'05
retrograde	-1825 Apr 15 j 15:35	24°♈31'38	
evening set	-1825 Apr 18 j 08:18	24°♈15'25	
desc. node	-1825 Apr 21 j 13:16	23°♈17'40	
inferior conj	-1825 Apr 27 j 17:14	20°♈10'28	-1°-42'-48
minimum elong	-1825 Apr 27 j 12:34	20°♈17'02	1°41'14
min. Earth dist.	-1825 Apr 27 j 07:28	20°♈24'12	0.55133 AU
morning rise	-1825 May 06 j 18:07	16°♈13'29	
direct	-1825 May 09 j 14:40	15°♈55'19	
morning max el	-1825 May 21 j 15:44	21°♈35'21	21°34'45
	-1825 May 28 j 18:19	0°♉	
asc. node	-1825 Jun 07 j 14:25	16°♉55'25	
morning set	-1825 Jun 11 j 01:20	23°♉54'54	
	-1825 Jun 13 j 23:13	0°♊	
superior conj	-1825 Jun 18 j 11:09	9°♊26'29	1°32'43
minimum elong	-1825 Jun 18 j 08:44	9°♊13'55	1°32'30
max. Earth dist.	-1825 Jun 22 j 05:00	17°♊07'26	1.35012 AU
evening rise	-1825 Jun 26 j 18:13	26°♊04'18	
	-1825 Jun 28 j 20:10	0°♋	
	-1825 Jul 17 j 02:13	0°♌	
desc. node	-1825 Jul 18 j 12:32	2°♌01'04	
evening max el	-1825 Jul 31 j 22:57	18°♌09'10	26°48'57
retrograde	-1825 Aug 14 j 00:39	25°♌27'04	
evening set	-1825 Aug 20 j 17:55	22°♌41'56	
min. Earth dist.	-1825 Aug 24 j 17:10	18°♌39'19	0.65665 AU
inferior conj	-1825 Aug 26 j 12:12	16°♌32'31	-2°-34'-32
minimum elong	-1825 Aug 26 j 15:49	16°♌21'49	2°33'17
morning rise	-1825 Sep 01 j 14:57	10°♌49'12	
asc. node	-1825 Sep 03 j 13:36	10°♌08'38	
direct	-1825 Sep 04 j 11:22	10°♌04'03	
morning max el	-1825 Sep 11 j 02:32	13°♌42'46	18°26'32
	-1825 Sep 22 j 18:11	0°♍	
morning set	-1825 Sep 30 j 16:00	12°♍48'08	
	-1825 Oct 11 j 08:46	0°♎	
desc. node	-1825 Oct 14 j 11:58	4°♎57'58	
superior conj	-1825 Oct 15 j 23:17	7°♎17'23	0°-9'-30
minimum elong	-1825 Oct 15 j 22:02	7°♎12'26	0°09'22
behind sun begin	-1825 Oct 15 j 12:42	6°♎35'38	
behind sun end	-1825 Oct 16 j 07:21	7°♎49'12	
max. Earth dist.	-1825 Oct 17 j 14:14	9°♎50'51	1.44918 AU
	-1825 Oct 30 j 10:06	0°♏	
evening rise	-1825 Nov 01 j 08:55	3°♏04'09	
greatest brilliancy	-1825 Nov 14 j 08:19	23°♏19'19	-0.7m
	-1825 Nov 18 j 22:08	0°♐	
evening max el	-1825 Nov 24 j 09:14	6°♐44'57	19°16'11
asc. node	-1825 Nov 30 j 12:48	10°♐44'22	
retrograde	-1825 Dec 01 j 11:13	10°♐49'18	
evening set	-1825 Dec 04 j 17:40	9°♐47'04	
inferior conj	-1825 Dec 10 j 09:58	3°♐53'13	2°57'07
minimum elong	-1825 Dec 10 j 07:00	4°♐02'41	2°56'16
min. Earth dist.	-1825 Dec 11 j 18:01	2°♐10'54	0.65943 AU
	-1825 Dec 13 j 13:10	30°℞♏	
morning rise	-1825 Dec 15 j 19:29	27°♏40'55	
direct	-1825 Dec 22 j 03:11	24°♏55'17	
	-1824 Jan 01 j 06:20	0°♐	
morning max el	-1824 Jan 03 j 18:31	2°♐21'56	26°14'27
desc. node	-1824 Jan 10 j 11:16	9°♐56'12	
	-1824 Jan 24 j 17:10	0°♑	
morning set	-1824 Feb 08 j 21:28	25°♑56'17	
	-1824 Feb 11 j 01:03	0°♒	
max. Earth dist.	-1824 Feb 12 j 23:32	3°♒44'31	1.35278 AU
superior conj	-1824 Feb 17 j 20:47	13°♒30'23	-1°-20'-25
minimum elong	-1824 Feb 18 j 00:08	13°♒47'33	1°19'57
evening rise	-1824 Feb 25 j 15:45	29°♒36'11	
	-1824 Feb 25 j 20:24	0°♓	
asc. node	-1824 Feb 26 j 12:08	1°♓20'24	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1824 Mar 15 j 05:53	29°♓34'44	20°33'03
	-1824 Mar 15 j 16:40	0°♈	
retrograde	-1824 Mar 26 j 04:57	4°♈49'18	
evening set	-1824 Mar 28 j 10:26	4°♈37'12	
inferior conj	-1824 Apr 06 j 12:31	0°♈39'48	0°15'22
minimum elong	-1824 Apr 06 j 13:13	0°♈38'47	0°15'07
transit middle	-1824 Apr 06 j 13:13	0°♈38'47	0°15'07
transit begin	-1824 Apr 06 j 11:59	0°♈40'34	
transit end	-1824 Apr 06 j 14:27	0°♈37'00	
desc. node	-1824 Apr 07 j 10:19	0°♈08'06	
	-1824 Apr 07 j 15:55	30°℞♓	
min. Earth dist.	-1824 Apr 07 j 21:29	29°♓51'58	0.55249 AU
morning rise	-1824 Apr 15 j 14:07	26°♓24'16	
direct	-1824 Apr 19 j 02:52	25°♓57'08	
	-1824 Apr 29 j 14:01	0°♈	
morning max el	-1824 May 02 j 11:51	2°♈28'37	23°11'36
	-1824 May 21 j 03:41	0°♉	
asc. node	-1824 May 24 j 11:28	6°♉41'19	
morning set	-1824 May 25 j 12:34	8°♉51'50	
superior conj	-1824 Jun 01 j 16:35	24°♉09'51	1°16'44
minimum elong	-1824 Jun 01 j 14:01	23°♉56'08	1°16'23
max. Earth dist.	-1824 Jun 04 j 03:28	29°♉22'04	1.33823 AU
	-1824 Jun 04 j 10:42	0°♊	
evening rise	-1824 Jun 09 j 08:50	10°♊03'30	
	-1824 Jun 20 j 05:24	0°♋	
desc. node	-1824 Jul 04 j 09:33	21°♋11'28	
	-1824 Jul 11 j 23:04	0°♌	
evening max el	-1824 Jul 13 j 10:20	1°♌27'20	27°20'25
retrograde	-1824 Jul 26 j 22:49	8°♌48'47	
evening set	-1824 Aug 03 j 00:56	6°♌04'45	
min. Earth dist.	-1824 Aug 06 j 17:53	2°♌38'24	0.64329 AU
inferior conj	-1824 Aug 09 j 02:17	0°♌06'45	-3°-22'-43
minimum elong	-1824 Aug 09 j 06:33	29°♋55'13	3°21'32
	-1824 Aug 09 j 04:47	30°℞♋	
morning rise	-1824 Aug 15 j 13:56	24°♋39'17	
direct	-1824 Aug 18 j 04:59	24°♋03'46	
asc. node	-1824 Aug 20 j 10:41	24°♋29'39	
morning max el	-1824 Aug 24 j 17:22	27°♋31'30	18°01'34
	-1824 Aug 26 j 22:14	0°♌	
morning set	-1824 Sep 11 j 04:15	24°♌10'00	
	-1824 Sep 14 j 14:55	0°♍	
superior conj	-1824 Sep 24 j 10:56	16°♍15'22	0°37'52
minimum elong	-1824 Sep 24 j 15:04	16°♍32'05	0°37'21
max. Earth dist.	-1824 Sep 29 j 07:53	24°♍04'16	1.44393 AU
desc. node	-1824 Sep 30 j 08:57	25°♍43'43	
	-1824 Oct 03 j 01:57	0°♎	
evening rise	-1824 Oct 10 j 21:03	12°♎07'53	
	-1824 Oct 22 j 14:26	0°♏	
greatest brilliancy	-1824 Oct 30 j 20:21	11°♏56'01	-0.6m
evening max el	-1824 Nov 06 j 13:54	20°♏12'12	20°11'55
retrograde	-1824 Nov 14 j 08:34	24°♏46'17	
asc. node	-1824 Nov 16 j 09:52	24°♏21'59	
evening set	-1824 Nov 17 j 23:38	23°♏29'47	
inferior conj	-1824 Nov 23 j 11:54	17°♏23'27	2°16'00
minimum elong	-1824 Nov 23 j 09:14	17°♏32'23	2°15'04
min. Earth dist.	-1824 Nov 24 j 07:03	16°♏19'16	0.66818 AU
morning rise	-1824 Nov 28 j 18:16	11°♏08'08	
direct	-1824 Dec 04 j 11:38	8°♏37'47	
morning max el	-1824 Dec 16 j 03:01	15°♏33'31	24°57'12
desc. node	-1824 Dec 27 j 08:18	29°♏02'49	
	-1824 Dec 28 j 01:10	0°♐	
	-1823 Jan 16 j 15:01	0°♑	
morning set	-1823 Jan 21 j 06:06	8°♑02'24	
max. Earth dist.	-1823 Jan 24 j 23:29	14°♑47'40	1.37053 AU
superior conj	-1823 Jan 31 j 08:50	26°♑58'18	-1°-40'-38
minimum elong	-1823 Jan 31 j 12:16	27°♑15'11	1°40'20
	-1823 Feb 01 j 21:42	0°♒	
evening rise	-1823 Feb 08 j 18:25	13°♒45'46	
asc. node	-1823 Feb 12 j 09:11	20°♒53'12	
	-1823 Feb 17 j 09:33	0°♓	
evening max el	-1823 Feb 25 j 20:39	11°♓21'43	19°27'06
retrograde	-1823 Mar 07 j 03:00	15°♓47'14	
evening set	-1823 Mar 09 j 08:47	15°♓32'52	
inferior conj	-1823 Mar 17 j 18:46	11°♓26'22	2°00'38
minimum elong	-1823 Mar 17 j 23:06	11°♓19'17	1°59'19
min. Earth dist.	-1823 Mar 20 j 12:09	9°♓40'33	0.56272 AU
desc. node	-1823 Mar 25 j 07:24	7°♓05'41	
morning rise	-1823 Mar 26 j 09:44	6°♓40'44	
direct	-1823 Mar 31 j 00:40	5°♓52'14	
morning max el	-1823 Apr 14 j 02:48	13°♓01'08	24°51'05
	-1823 Apr 27 j 06:33	0°♈	
morning set	-1823 May 10 j 00:42	23°♈52'33	
asc. node	-1823 May 11 j 08:32	26°♈41'05	
	-1823 May 12 j 21:36	0°♉	
superior conj	-1823 May 17 j 01:58	9°♉05'06	0°56'59
minimum elong	-1823 May 16 j 23:46	8°♉53'06	0°56'36
max. Earth dist.	-1823 May 18 j 10:22	12°♉00'42	1.33010 AU
evening rise	-1823 May 24 j 08:38	24°♉30'39	
	-1823 May 27 j 02:25	0°♊	
	-1823 Jun 13 j 20:28	0°♋	
desc. node	-1823 Jun 21 j 06:34	9°♋32'29	
evening max el	-1823 Jun 25 j 19:32	14°♋19'52	27°22'15
retrograde	-1823 Jul 09 j 14:38	21°♋40'01	
evening set	-1823 Jul 16 j 18:43	19°♋09'58	
min. Earth dist.	-1823 Jul 20 j 08:41	16°♋13'18	0.62638 AU
inferior conj	-1823 Jul 23 j 06:08	13°♋26'32	-4°-2'-38
minimum elong	-1823 Jul 23 j 10:06	13°♋16'57	4°01'53
morning rise	-1823 Jul 30 j 03:51	8°♋18'18	
direct	-1823 Aug 01 j 15:58	7°♋49'36	
asc. node	-1823 Aug 07 j 07:46	10°♋17'42	
morning max el	-1823 Aug 08 j 08:31	11°♋14'32	17°54'41
	-1823 Aug 20 j 21:45	0°♌	
morning set	-1823 Aug 24 j 15:10	6°♌37'21	
superior conj	-1823 Sep 05 j 00:31	26°♌31'07	1°14'17
minimum elong	-1823 Sep 05 j 05:49	26°♌53'34	1°13'44
	-1823 Sep 07 j 02:11	0°♍	
max. Earth dist.	-1823 Sep 11 j 22:29	7°♍58'59	1.43214 AU
desc. node	-1823 Sep 17 j 05:58	16°♍29'05	
evening rise	-1823 Sep 20 j 02:59	20°♍59'30	
	-1823 Sep 25 j 23:42	0°♎	
greatest brilliancy	-1823 Oct 15 j 08:57	27°♎41'02	-0.4m
	-1823 Oct 17 j 06:03	0°♏	
evening max el	-1823 Oct 20 j 12:45	3°♏39'37	21°20'14
retrograde	-1823 Oct 29 j 05:31	8°♏49'24	
evening set	-1823 Nov 02 j 07:23	7°♏16'17	
asc. node	-1823 Nov 03 j 06:56	6°♏25'46	
inferior conj	-1823 Nov 07 j 17:15	1°♏00'49	1°28'57
minimum elong	-1823 Nov 07 j 15:19	1°♏07'26	1°28'11
min. Earth dist.	-1823 Nov 08 j 00:55	0°♏34'27	0.67348 AU
	-1823 Nov 08 j 10:57	30°℞♎	
morning rise	-1823 Nov 12 j 22:56	24°♎44'46	
direct	-1823 Nov 18 j 00:50	22°♎35'16	
morning max el	-1823 Nov 28 j 11:56	28°♎49'14	23°30'52
	-1823 Nov 29 j 15:12	0°♏	
greatest brilliancy	-1823 Dec 04 j 16:52	5°♏53'40	-0.2m
desc. node	-1823 Dec 14 j 05:21	18°♏43'02	
	-1823 Dec 21 j 20:16	0°♐	
morning set	-1822 Jan 02 j 14:21	18°♐53'04	
max. Earth dist.	-1822 Jan 06 j 18:58	26°♐05'36	1.39107 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1822 Jan 08 j 23:58	0°♉		
superior conj	-1822 Jan 14 j 07:11	9°♉41'26	-1°-54'-34	
minimum elong	-1822 Jan 14 j 09:28	9°♉52'04	1°54'31	
evening rise	-1822 Jan 23 j 13:23	27°♉26'53		
	-1822 Jan 24 j 21:05	0°♒		
asc. node	-1822 Jan 30 j 06:14	10°♒02'13		
evening max el	-1822 Feb 08 j 21:00	23°♒42'54	18°40'48	
retrograde	-1822 Feb 16 j 18:56	27°♒33'35		
evening set	-1822 Feb 19 j 04:21	27°♒13'47		
inferior conj	-1822 Feb 26 j 20:29	22°♒48'42	3°12'08	
minimum elong	-1822 Feb 27 j 00:38	22°♒40'49	3°11'17	
min. Earth dist.	-1822 Mar 02 j 04:59	20°♒17'22	0.57961 AU	
morning rise	-1822 Mar 06 j 17:04	17°♒33'05		
direct	-1822 Mar 12 j 11:28	16°♒10'40		
desc. node	-1822 Mar 12 j 04:29	16°♒10'52		
morning max el	-1822 Mar 26 j 18:59	23°♒41'40	26°18'18	
	-1822 Apr 01 j 11:41	0°♓		
	-1822 Apr 20 j 03:30	0°♈		
morning set	-1822 Apr 24 j 12:02	8°♈50'46		
asc. node	-1822 Apr 28 j 05:34	16°♈49'18		
superior conj	-1822 May 01 j 13:21	24°♈05'15	0°34'25	
minimum elong	-1822 May 01 j 11:53	23°♈57'14	0°34'07	
max. Earth dist.	-1822 May 01 j 22:19	24°♈54'21	1.32556 AU	
	-1822 May 04 j 06:19	0°♉		
evening rise	-1822 May 08 j 14:34	9°♉15'22		
	-1822 May 19 j 11:22	0°♊		
evening max el	-1822 Jun 07 j 23:43	26°♊33'17	26°51'09	
desc. node	-1822 Jun 08 j 03:38	26°♊42'35		
	-1822 Jun 12 j 01:30	0°♋		
retrograde	-1822 Jun 21 j 23:08	3°♋51'07		
evening set	-1822 Jun 28 j 18:53	1°♋48'36		
	-1822 Jul 01 j 10:58	30°℞♊		
min. Earth dist.	-1822 Jul 02 j 13:14	29°♊08'33	0.60674 AU	
inferior conj	-1822 Jul 05 j 20:16	26°♊22'17	-4°-28'-21	
minimum elong	-1822 Jul 05 j 22:24	26°♊17'46	4°28'10	
morning rise	-1822 Jul 13 j 05:00	21°♊36'05		
direct	-1822 Jul 15 j 16:14	21°♊12'15		
morning max el	-1822 Jul 22 j 21:05	24°♊43'58	18°06'47	
asc. node	-1822 Jul 25 j 04:49	27°♊16'49		
	-1822 Jul 27 j 06:05	0°♋		
morning set	-1822 Aug 07 j 18:50	19°♋52'58		
	-1822 Aug 13 j 05:33	0°♌		
superior conj	-1822 Aug 17 j 16:59	8°♌06'45	1°36'54	
minimum elong	-1822 Aug 17 j 20:33	8°♌22'42	1°36'40	
max. Earth dist.	-1822 Aug 25 j 07:32	21°♌16'57	1.41530 AU	
evening rise	-1822 Aug 30 j 21:13	0°♍26'30		
	-1822 Aug 30 j 14:39	0°♍		
desc. node	-1822 Sep 04 j 03:00	7°♍10'07		
	-1822 Sep 19 j 12:38	0°♎		
greatest brilliancy	-1822 Sep 28 j 09:52	11°♎42'02	-0.3m	
evening max el	-1822 Oct 03 j 05:46	17°♎07'00	22°37'21	
retrograde	-1822 Oct 13 j 00:29	22°♎55'37		
evening set	-1822 Oct 17 j 15:05	21°♎04'09		
asc. node	-1822 Oct 21 j 03:59	17°♎12'38		
inferior conj	-1822 Oct 23 j 00:02	14°♎43'09	0°37'47	
minimum elong	-1822 Oct 22 j 23:10	14°♎46'09	0°37'24	
min. Earth dist.	-1822 Oct 22 j 21:10	14°♎53'05	0.67550 AU	
morning rise	-1822 Oct 28 j 07:11	8°♎28'52		
direct	-1822 Nov 01 j 18:03	6°♎41'46		
morning max el	-1822 Nov 11 j 00:24	12°♎10'41	22°04'47	
greatest brilliancy	-1822 Nov 15 j 18:15	17°♎32'26	-0.4m	
	-1822 Nov 25 j 01:31	0°♏		
desc. node	-1822 Dec 01 j 02:24	8°♏47'13		
morning set	-1822 Dec 13 j 17:45	28°♏19'47		
	-1822 Dec 14 j 18:36	0°♐		
max. Earth dist.	-1822 Dec 19 j 17:23	8°♐08'42	1.41178 AU	
superior conj	-1822 Dec 27 j 10:47	21°♐27'08	-1°-58'-41	
minimum elong	-1822 Dec 27 j 10:07	21°♐24'12	1°58'44	
	-1821 Jan 01 j 04:42	0°♑		
evening rise	-1821 Jan 06 j 21:27	10°♑32'11		
asc. node	-1821 Jan 17 j 03:16	28°♑39'46		
	-1821 Jan 18 j 00:11	0°♒		
evening max el	-1821 Jan 23 j 04:20	6°♒31'14	18°14'36	
retrograde	-1821 Jan 30 j 05:09	10°♒02'47		
evening set	-1821 Feb 01 j 18:16	9°♒35'56		
inferior conj	-1821 Feb 08 j 18:49	4°♒49'30	3°48'13	
minimum elong	-1821 Feb 08 j 20:41	4°♒45'22	3°48'02	
min. Earth dist.	-1821 Feb 12 j 02:55	1°♒54'08	0.59978 AU	
	-1821 Feb 14 j 14:03	30°℞♑		
morning rise	-1821 Feb 15 j 19:56	29°♑11'33		
direct	-1821 Feb 22 j 10:35	27°♑10'45		
desc. node	-1821 Feb 27 j 01:33	28°♑06'06		
	-1821 Mar 02 j 17:09	0°♒		
morning max el	-1821 Mar 08 j 16:41	4°♒54'02	27°18'59	
	-1821 Mar 27 j 06:44	0°♓		
morning set	-1821 Apr 08 j 20:50	23°♓40'13		
	-1821 Apr 11 j 20:49	0°♈		
asc. node	-1821 Apr 15 j 02:36	7°♈01'42		
max. Earth dist.	-1821 Apr 15 j 11:28	7°♈50'06	1.32450 AU	
superior conj	-1821 Apr 16 j 01:02	9°♈04'26	0°09'52	
minimum elong	-1821 Apr 16 j 00:35	9°♈02'00	0°09'46	
behind sun begin	-1821 Apr 15 j 20:37	8°♈40'16		
behind sun end	-1821 Apr 16 j 04:33	9°♈23'45		
evening rise	-1821 Apr 23 j 00:18	24°♈09'43		
	-1821 Apr 25 j 20:12	0°♉		
	-1821 May 13 j 18:52	0°♊		
evening max el	-1821 May 20 j 21:12	8°♊02'22	25°48'56	
desc. node	-1821 May 26 j 00:40	12°♊12'48		
retrograde	-1821 Jun 03 j 22:55	15°♊16'13		
evening set	-1821 Jun 09 j 21:29	13°♊51'20		
min. Earth dist.	-1821 Jun 14 j 09:35	11°♊09'53	0.58624 AU	
inferior conj	-1821 Jun 17 j 17:03	8°♊44'52	-4°-30'-53	
minimum elong	-1821 Jun 17 j 15:36	8°♊47'32	4°30'48	
morning rise	-1821 Jun 25 j 13:34	4°♊21'19		
direct	-1821 Jun 28 j 01:18	4°♊01'07		
morning max el	-1821 Jul 06 j 04:05	7°♊51'29	18°38'48	
asc. node	-1821 Jul 12 j 01:52	15°♊12'12		
	-1821 Jul 20 j 11:59	0°♋		
morning set	-1821 Jul 22 j 10:36	3°♋44'45		
superior conj	-1821 Jul 31 j 07:19	20°♋48'09	1°47'03	
minimum elong	-1821 Jul 31 j 08:28	20°♋53'36	1°47'03	
	-1821 Aug 05 j 07:28	0°♌		
max. Earth dist.	-1821 Aug 07 j 10:59	3°♌48'52	1.39578 AU	
evening rise	-1821 Aug 11 j 15:21	11°♌01'23		
desc. node	-1821 Aug 22 j 00:00	27°♌42'46		
	-1821 Aug 23 j 11:58	0°♍		
	-1821 Sep 15 j 04:10	0°♎		
evening max el	-1821 Sep 15 j 18:36	0°♎36'26	23°57'51	
retrograde	-1821 Sep 26 j 16:12	7°♎01'36		
evening set	-1821 Oct 01 j 21:03	4°♎51'22		
	-1821 Oct 06 j 03:34	30°℞♍		
min. Earth dist.	-1821 Oct 06 j 17:26	29°♍13'17	0.67441 AU	
inferior conj	-1821 Oct 07 j 06:33	28°♍28'42	0°-15'-55	
minimum elong	-1821 Oct 07 j 06:56	28°♍27'25	0°15'46	
transit middle	-1821 Oct 07 j 06:56	28°♍27'25	0°15'46	
transit begin	-1821 Oct 07 j 06:15	28°♍29'46		
transit end	-1821 Oct 07 j 07:38	28°♍25'04		
asc. node	-1821 Oct 08 j 01:02	27°♍26'18		

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1821 Oct 12 j 17:01	22°♍18'57	
direct	-1821 Oct 16 j 14:22	20°♍53'04	
morning max el	-1821 Oct 24 j 19:10	25°♍40'21	20°46'12
	-1821 Oct 28 j 14:58	0°♎	
greatest brilliancy	-1821 Oct 30 j 17:48	2°♎41'13	-0.5m
desc. node	-1821 Nov 17 j 23:25	29°♎08'19	
	-1821 Nov 18 j 12:56	0°♏	
morning set	-1821 Nov 22 j 20:44	6°♏40'44	
max. Earth dist.	-1821 Dec 01 j 22:35	21°♏04'52	1.42984 AU
	-1821 Dec 07 j 08:50	0°♐	
superior conj	-1821 Dec 08 j 14:03	2°♐02'18	-1°-48'-46
minimum elong	-1821 Dec 08 j 09:05	1°♐41'27	1°48'30
evening rise	-1821 Dec 20 j 14:40	22°♐52'57	
	-1821 Dec 24 j 15:08	0°♑	
asc. node	-1820 Jan 04 j 00:17	16°♑35'39	
evening max el	-1820 Jan 06 j 15:42	19°♑37'59	18°08'05
retrograde	-1820 Jan 13 j 05:56	23°♑04'22	
evening set	-1820 Jan 15 j 22:40	22°♑29'20	
inferior conj	-1820 Jan 22 j 10:47	17°♑21'32	3°56'05
minimum elong	-1820 Jan 22 j 10:16	17°♑22'49	3°56'02
min. Earth dist.	-1820 Jan 25 j 08:37	14°♑26'27	0.62012 AU
morning rise	-1820 Jan 28 j 19:37	11°♑29'01	
direct	-1820 Feb 04 j 19:41	8°♑57'06	
desc. node	-1820 Feb 13 j 22:36	12°♑32'02	
morning max el	-1820 Feb 18 j 20:18	16°♑45'45	27°44'37
	-1820 Feb 29 j 19:58	0°♒	
	-1820 Mar 18 j 21:32	0°♓	
morning set	-1820 Mar 23 j 01:01	8°♓12'24	
max. Earth dist.	-1820 Mar 28 j 21:49	20°♓32'40	1.32706 AU
superior conj	-1820 Mar 30 j 11:19	23°♓55'34	0°-15'-54
minimum elong	-1820 Mar 30 j 12:03	23°♓59'34	0°15'45
behind sun begin	-1820 Mar 30 j 11:32	23°♓56'45	
behind sun end	-1820 Mar 30 j 12:34	24°♓02'24	
asc. node	-1820 Mar 31 j 23:38	27°♓13'11	
	-1820 Apr 02 j 06:17	0°♈	
evening rise	-1820 Apr 06 j 11:48	9°♈05'30	
	-1820 Apr 17 j 09:25	0°♉	
evening max el	-1820 May 01 j 13:23	18°♉54'41	24°23'51
desc. node	-1820 May 11 j 21:41	25°♉26'31	
retrograde	-1820 May 15 j 11:31	25°♉55'52	
evening set	-1820 May 20 j 02:11	25°♉08'09	
min. Earth dist.	-1820 May 26 j 01:06	22°♉09'17	0.56782 AU
inferior conj	-1820 May 28 j 17:54	20°♉26'09	-3°-58'-42
minimum elong	-1820 May 28 j 12:27	20°♉34'53	3°57'44
morning rise	-1820 Jun 06 j 02:40	16°♉21'34	
direct	-1820 Jun 08 j 15:45	16°♉03'55	
morning max el	-1820 Jun 18 j 02:39	20°♉27'14	19°31'33
	-1820 Jun 25 j 15:13	0°♊	
asc. node	-1820 Jun 27 j 22:55	3°♊50'46	
morning set	-1820 Jul 05 j 10:59	18°♊03'56	
	-1820 Jul 11 j 09:31	0°♋	
superior conj	-1820 Jul 13 j 13:52	4°♋19'24	1°47'13
minimum elong	-1820 Jul 13 j 13:03	4°♋15'24	1°47'15
max. Earth dist.	-1820 Jul 19 j 13:28	15°♋46'24	1.37619 AU
evening rise	-1820 Jul 23 j 10:33	22°♋49'22	
	-1820 Jul 27 j 13:39	0°♌	
desc. node	-1820 Aug 07 j 20:59	18°♌02'24	
	-1820 Aug 16 j 07:01	0°♍	
evening max el	-1820 Aug 28 j 05:51	14°♍09'59	25°14'40
retrograde	-1820 Sep 09 j 03:42	21°♍03'28	
evening set	-1820 Sep 14 j 23:30	18°♍35'58	
min. Earth dist.	-1820 Sep 19 j 11:15	13°♍33'28	0.67020 AU
inferior conj	-1820 Sep 20 j 11:04	12°♍15'38	-1°-10'-37
minimum elong	-1820 Sep 20 j 12:48	12°♍10'00	1°09'55
asc. node	-1820 Sep 23 j 22:05	8°♍05'21	
morning rise	-1820 Sep 26 j 02:37	6°♍13'30	
direct	-1820 Sep 29 j 12:31	5°♍06'03	
morning max el	-1820 Oct 06 j 21:24	9°♍19'23	19°39'56
greatest brilliancy	-1820 Oct 15 j 05:50	19°♍53'21	-0.6m
	-1820 Oct 22 j 01:47	0°♎	
morning set	-1820 Oct 31 j 19:08	14°♎56'40	
desc. node	-1820 Nov 03 j 20:25	19°♎41'18	
	-1820 Nov 10 j 10:28	0°♏	
max. Earth dist.	-1820 Nov 13 j 11:06	4°♏47'10	1.44278 AU
superior conj	-1820 Nov 17 j 14:12	11°♏22'58	-1°-21'-25
minimum elong	-1820 Nov 17 j 06:28	10°♏51'53	1°20'41
	-1820 Nov 28 j 22:27	0°♐	
evening rise	-1820 Dec 01 j 12:37	4°♐21'14	
	-1820 Dec 17 j 15:00	0°♑	
evening max el	-1820 Dec 20 j 04:19	2°♑56'46	18°20'33
asc. node	-1820 Dec 20 j 21:19	3°♑38'09	
retrograde	-1820 Dec 26 j 16:59	6°♑29'53	
evening set	-1820 Dec 29 j 14:01	5°♑45'28	
inferior conj	-1819 Jan 04 j 16:34	0°♑17'41	3°43'42
minimum elong	-1819 Jan 04 j 14:27	0°♑23'41	3°43'23
	-1819 Jan 04 j 22:50	30°℞♐	
min. Earth dist.	-1819 Jan 06 j 23:47	27°♐42'45	0.63823 AU
morning rise	-1819 Jan 10 j 13:22	24°♐15'25	
direct	-1819 Jan 17 j 12:34	21°♐26'55	
desc. node	-1819 Jan 30 j 19:40	28°♐53'06	
morning max el	-1819 Jan 31 j 04:11	29°♐14'04	27°33'46
	-1819 Jan 31 j 22:22	0°♑	
	-1819 Feb 22 j 16:43	0°♒	
morning set	-1819 Mar 06 j 22:05	22°♒19'12	
	-1819 Mar 10 j 17:00	0°♓	
max. Earth dist.	-1819 Mar 12 j 01:39	2°♓50'01	1.33363 AU
superior conj	-1819 Mar 14 j 18:26	8°♓32'51	0°-41'-55
minimum elong	-1819 Mar 14 j 20:22	8°♓43'12	0°41'32
asc. node	-1819 Mar 18 j 20:40	17°♓19'50	
evening rise	-1819 Mar 21 j 23:19	23°♓56'40	
	-1819 Mar 24 j 21:48	0°♈	
evening max el	-1819 Apr 13 j 05:17	29°♈32'50	22°49'11
	-1819 Apr 13 j 16:47	0°♉	
retrograde	-1819 Apr 26 j 10:57	6°♉04'26	
desc. node	-1819 Apr 28 j 18:44	5°♉52'30	
evening set	-1819 Apr 29 j 17:27	5°♉41'03	
min. Earth dist.	-1819 May 07 j 14:34	2°♉13'10	0.55503 AU
inferior conj	-1819 May 08 j 23:53	1°♉25'15	-2°-43'-30
minimum elong	-1819 May 08 j 17:27	1°♉34'33	2°41'37
	-1819 May 11 j 12:34	30°℞♈	
morning rise	-1819 May 17 j 20:04	27°♈30'04	
direct	-1819 May 20 j 12:35	27°♈13'03	
	-1819 May 28 j 16:00	0°♉	
morning max el	-1819 May 31 j 14:34	2°♉22'34	20°44'38
asc. node	-1819 Jun 14 j 19:59	23°♉01'54	
	-1819 Jun 18 j 09:12	0°♊	
morning set	-1819 Jun 19 j 17:14	2°♊42'54	
superior conj	-1819 Jun 27 j 07:59	18°♊26'47	1°39'45
minimum elong	-1819 Jun 27 j 05:57	18°♊16'21	1°39'38
max. Earth dist.	-1819 Jul 01 j 21:23	27°♊35'11	1.35871 AU
	-1819 Jul 03 j 03:07	0°♋	
evening rise	-1819 Jul 06 j 02:31	5°♋39'14	
	-1819 Jul 20 j 08:56	0°♌	
desc. node	-1819 Jul 25 j 17:59	8°♌02'29	
evening max el	-1819 Aug 10 j 17:18	27°♌44'20	26°19'52
	-1819 Aug 13 j 04:47	0°♍	
retrograde	-1819 Aug 23 j 10:14	4°♍55'27	
evening set	-1819 Aug 29 j 20:24	2°♍14'48	

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	-1819 Sep 01 j 03:31	30°℞♌	
min. Earth dist.	-1819 Sep 03 j 00:07	27°♌50'08	0.66267 AU
inferior conj	-1819 Sep 04 j 11:43	26°♌00'37	-2°-4'-37
minimum elong	-1819 Sep 04 j 14:43	25°♌51'21	2°03'28
morning rise	-1819 Sep 10 j 09:57	20°♌09'25	
asc. node	-1819 Sep 10 j 19:09	19°♌57'02	
direct	-1819 Sep 13 j 10:41	19°♌17'01	
morning max el	-1819 Sep 20 j 06:15	23°♌05'30	18°48'38
	-1819 Sep 25 j 20:22	0°♍	
morning set	-1819 Oct 11 j 11:57	24°♍11'34	
	-1819 Oct 15 j 03:52	0°♎	
desc. node	-1819 Oct 21 j 17:24	10°♎21'40	
max. Earth dist.	-1819 Oct 27 j 04:33	18°♎57'44	1.44902 AU
superior conj	-1819 Oct 27 j 17:33	19°♎48'55	0°-38'-7
minimum elong	-1819 Oct 27 j 12:37	19°♎29'30	0°37'31
	-1819 Nov 03 j 04:21	0°♏	
evening rise	-1819 Nov 12 j 11:16	14°♏49'36	
	-1819 Nov 21 j 22:11	0°♐	
evening max el	-1819 Dec 03 j 15:30	16°♐21'15	18°51'03
asc. node	-1819 Dec 07 j 18:22	19°♐32'21	
retrograde	-1819 Dec 10 j 10:31	20°♐11'29	
evening set	-1819 Dec 13 j 13:05	19°♐16'10	
inferior conj	-1819 Dec 19 j 08:30	13°♐30'46	3°17'08
minimum elong	-1819 Dec 19 j 05:38	13°♐39'36	3°16'26
min. Earth dist.	-1819 Dec 21 j 00:34	11°♐27'53	0.65281 AU
morning rise	-1819 Dec 24 j 21:11	7°♐21'35	
direct	-1819 Dec 31 j 11:55	4°♐31'35	
morning max el	-1818 Jan 13 j 13:48	12°♐08'33	26°50'49
desc. node	-1818 Jan 17 j 16:43	16°♐36'21	
	-1818 Jan 27 j 22:30	0°♑	
	-1818 Feb 15 j 06:04	0°♒	
morning set	-1818 Feb 18 j 08:45	5°♒50'24	
max. Earth dist.	-1818 Feb 22 j 19:32	14°♒34'18	1.34452 AU
superior conj	-1818 Feb 26 j 20:20	22°♒49'49	-1°-6'-59
minimum elong	-1818 Feb 26 j 23:18	23°♒05'14	1°06'31
	-1818 Mar 02 j 06:25	0°♓	
asc. node	-1818 Mar 05 j 17:43	7°♓17'35	
evening rise	-1818 Mar 06 j 09:03	8°♓37'18	
	-1818 Mar 17 j 21:09	0°♈	
evening max el	-1818 Mar 26 j 03:20	10°♈25'07	21°18'55
retrograde	-1818 Apr 07 j 01:12	16°♈10'27	
evening set	-1818 Apr 09 j 11:32	15°♈56'53	
desc. node	-1818 Apr 15 j 15:48	13°♈40'04	
inferior conj	-1818 Apr 18 j 19:08	11°♈57'18	0°-53'-8
minimum elong	-1818 Apr 18 j 16:38	12°♈00'50	0°52'15
min. Earth dist.	-1818 Apr 19 j 03:53	11°♈45'00	0.55065 AU
morning rise	-1818 Apr 27 j 21:43	7°♈55'00	
direct	-1818 Apr 30 j 23:55	7°♈34'13	
morning max el	-1818 May 13 j 15:47	13°♈36'23	22°14'56
	-1818 May 25 j 23:06	0°♉	
asc. node	-1818 Jun 01 j 17:02	12°♉37'28	
morning set	-1818 Jun 04 j 03:15	17°♉35'41	
	-1818 Jun 10 j 00:05	0°♊	
superior conj	-1818 Jun 11 j 10:09	3°♊00'07	1°26'28
minimum elong	-1818 Jun 11 j 07:36	2°♊46'41	1°26'11
max. Earth dist.	-1818 Jun 14 j 14:31	9°♊37'55	1.34459 AU
evening rise	-1818 Jun 19 j 10:13	19°♊17'15	
	-1818 Jun 25 j 03:33	0°♋	
desc. node	-1818 Jul 12 j 15:01	27°♋34'42	
	-1818 Jul 14 j 10:42	0°♌	
evening max el	-1818 Jul 24 j 05:00	11°♌11'41	27°05'34
retrograde	-1818 Aug 06 j 11:30	18°♌31'18	
evening set	-1818 Aug 13 j 09:23	15°♌45'07	
min. Earth dist.	-1818 Aug 17 j 05:43	11°♌58'37	0.65150 AU
inferior conj	-1818 Aug 19 j 06:23	9°♌40'27	-2°-55'-43
minimum elong	-1818 Aug 19 j 10:22	9°♌29'07	2°54'25
morning rise	-1818 Aug 25 j 12:47	4°♌03'36	
direct	-1818 Aug 28 j 06:43	3°♌22'50	
asc. node	-1818 Aug 28 j 16:13	3°♌23'41	
morning max el	-1818 Sep 03 j 19:43	6°♌55'27	18°13'48
	-1818 Sep 19 j 10:54	0°♍	
morning set	-1818 Sep 22 j 08:47	4°♍49'16	
superior conj	-1818 Oct 06 j 19:52	28°♍17'48	0°11'29
minimum elong	-1818 Oct 06 j 21:19	28°♍23'33	0°11'18
behind sun begin	-1818 Oct 06 j 13:20	27°♍51'51	
behind sun end	-1818 Oct 07 j 05:17	28°♍55'13	
	-1818 Oct 07 j 21:37	0°♎	
desc. node	-1818 Oct 08 j 14:25	1°♎06'32	
max. Earth dist.	-1818 Oct 09 j 23:18	3°♎16'32	1.44788 AU
evening rise	-1818 Oct 23 j 10:16	24°♎19'48	
	-1818 Oct 27 j 01:50	0°♏	
greatest brilliancy	-1818 Nov 08 j 17:25	19°♏13'37	-0.7m
evening max el	-1818 Nov 16 j 23:01	29°♏47'52	19°38'05
	-1818 Nov 17 j 03:45	0°♐	
retrograde	-1818 Nov 24 j 07:18	4°♐04'07	
asc. node	-1818 Nov 24 j 15:26	4°♐03'27	
evening set	-1818 Nov 27 j 17:12	2°♐55'56	
	-1818 Nov 30 j 20:49	30°℞♏	
inferior conj	-1818 Dec 03 j 07:33	26°♏56'04	2°40'30
minimum elong	-1818 Dec 03 j 04:39	27°♏05'33	2°39'35
min. Earth dist.	-1818 Dec 04 j 09:49	25°♏30'11	0.66360 AU
morning rise	-1818 Dec 08 j 15:24	20°♏42'11	
direct	-1818 Dec 14 j 17:06	18°♏02'27	
morning max el	-1818 Dec 26 j 23:07	25°♏17'25	25°43'21
	-1818 Dec 31 j 06:40	0°♐	
desc. node	-1817 Jan 04 j 13:45	5°♐17'41	
	-1817 Jan 21 j 10:28	0°♑	
morning set	-1817 Feb 01 j 04:33	18°♑32'24	
max. Earth dist.	-1817 Feb 05 j 01:44	25°♑47'54	1.35987 AU
	-1817 Feb 07 j 05:59	0°♒	
superior conj	-1817 Feb 10 j 14:23	6°♒38'07	-1°-29'-35
minimum elong	-1817 Feb 10 j 17:54	6°♒55'46	1°29'11
evening rise	-1817 Feb 18 j 14:59	23°♒00'15	
asc. node	-1817 Feb 20 j 14:46	27°♒01'08	
	-1817 Feb 22 j 03:02	0°♓	
evening max el	-1817 Mar 08 j 11:41	21°♓50'04	20°02'39
retrograde	-1817 Mar 18 j 17:11	26°♓43'10	
evening set	-1817 Mar 20 j 21:47	26°♓30'41	
inferior conj	-1817 Mar 29 j 17:36	22°♓30'41	1°03'22
minimum elong	-1817 Mar 29 j 20:18	22°♓26'35	1°02'26
min. Earth dist.	-1817 Mar 31 j 18:02	21°♓17'30	0.55577 AU
desc. node	-1817 Apr 02 j 12:53	20°♓15'51	
morning rise	-1817 Apr 07 j 15:59	18°♓03'07	
direct	-1817 Apr 11 j 14:43	17°♓28'54	
morning max el	-1817 Apr 25 j 09:10	24°♓18'16	23°54'34
	-1817 Apr 30 j 13:43	0°♈	
	-1817 May 18 j 09:18	0°♉	
morning set	-1817 May 19 j 15:05	2°♉34'59	
asc. node	-1817 May 19 j 14:06	2°♉29'52	
superior conj	-1817 May 26 j 17:33	17°♉49'26	1°08'47
minimum elong	-1817 May 26 j 15:04	17°♉36'08	1°08'23
max. Earth dist.	-1817 May 28 j 16:50	22°♉02'51	1.33426 AU
	-1817 Jun 01 j 11:57	0°♊	
evening rise	-1817 Jun 03 j 05:08	3°♊29'16	
	-1817 Jun 17 j 22:14	0°♋	
desc. node	-1817 Jun 29 j 12:05	16°♋26'12	
evening max el	-1817 Jul 06 j 15:31	24°♋19'30	27°24'59
	-1817 Jul 14 j 03:58	0°♌	

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retrograde	-1817 Jul 20 j 07:09	1°♌41'17	
	-1817 Jul 26 j 00:05	30°℞♋	
evening set	-1817 Jul 27 j 11:15	29°♋01'06	
min. Earth dist.	-1817 Jul 31 j 02:10	25°♋48'53	0.63652 AU
inferior conj	-1817 Aug 02 j 16:28	23°♋08'57	-3°-40'-58
minimum elong	-1817 Aug 02 j 20:46	22°♋57'53	3°39'55
morning rise	-1817 Aug 09 j 08:19	17°♋49'37	
direct	-1817 Aug 11 j 21:48	17°♋17'23	
asc. node	-1817 Aug 15 j 13:18	18°♋23'07	
morning max el	-1817 Aug 18 j 11:06	20°♋42'48	17°56'26
	-1817 Aug 25 j 10:51	0°♌	
morning set	-1817 Sep 04 j 07:23	16°♌40'47	
	-1817 Sep 12 j 01:44	0°♍	
superior conj	-1817 Sep 16 j 17:48	7°♍47'07	0°54'58
minimum elong	-1817 Sep 16 j 22:56	8°♍08'16	0°54'20
max. Earth dist.	-1817 Sep 22 j 15:48	17°♍23'31	1.43961 AU
desc. node	-1817 Sep 25 j 11:27	21°♍52'40	
	-1817 Sep 30 j 15:48	0°♎	
evening rise	-1817 Oct 02 j 17:32	3°♎12'30	
	-1817 Oct 20 j 15:20	0°♏	
greatest brilliancy	-1817 Oct 25 j 02:22	6°♏08'10	-0.5m
evening max el	-1817 Oct 31 j 01:11	13°♏15'02	20°39'35
retrograde	-1817 Nov 08 j 04:51	18°♏04'15	
asc. node	-1817 Nov 11 j 12:28	17°♏01'08	
evening set	-1817 Nov 12 j 00:10	16°♏41'02	
inferior conj	-1817 Nov 17 j 11:13	10°♏30'11	1°56'40
minimum elong	-1817 Nov 17 j 08:49	10°♏38'20	1°55'46
min. Earth dist.	-1817 Nov 18 j 01:19	9°♏42'11	0.67079 AU
morning rise	-1817 Nov 22 j 17:00	4°♏13'59	
direct	-1817 Nov 28 j 03:42	1°♏52'08	
morning max el	-1817 Dec 09 j 07:42	8°♏31'52	24°21'00
desc. node	-1817 Dec 22 j 10:48	24°♏40'11	
	-1817 Dec 26 j 05:00	0°♐	
morning set	-1816 Jan 14 j 03:41	0°♑09'08	
	-1816 Jan 14 j 01:35	0°♑	
max. Earth dist.	-1816 Jan 17 j 22:44	6°♑52'30	1.37900 AU
superior conj	-1816 Jan 24 j 21:11	19°♑48'35	-1°-47'-30
minimum elong	-1816 Jan 25 j 00:19	20°♑03'39	1°47'19
	-1816 Jan 30 j 02:15	0°♒	
evening rise	-1816 Feb 02 j 14:46	6°♒58'53	
asc. node	-1816 Feb 07 j 11:49	16°♒24'54	
	-1816 Feb 15 j 20:44	0°♓	
evening max el	-1816 Feb 19 j 06:50	3°♓52'40	19°04'59
retrograde	-1816 Feb 27 j 22:19	8°♓01'30	
evening set	-1816 Mar 01 j 05:20	7°♓45'15	
inferior conj	-1816 Mar 09 j 07:39	3°♓31'50	2°35'29
minimum elong	-1816 Mar 09 j 12:19	3°♓23'43	2°34'15
min. Earth dist.	-1816 Mar 12 j 09:44	1°♓24'13	0.56923 AU
	-1816 Mar 14 j 15:41	30°℞♒	
morning rise	-1816 Mar 17 j 15:16	28°♒32'21	
desc. node	-1816 Mar 19 j 09:56	27°♒57'10	
direct	-1816 Mar 22 j 18:13	27°♒30'31	
	-1816 Mar 30 j 19:57	0°♓	
morning max el	-1816 Apr 06 j 00:06	4°♓51'25	25°30'33
	-1816 Apr 24 j 02:48	0°♈	
morning set	-1816 May 03 j 03:03	17°♈35'09	
asc. node	-1816 May 05 j 11:10	22°♈33'46	
	-1816 May 08 j 21:19	0°♉	
superior conj	-1816 May 10 j 04:00	2°♉47'34	0°47'43
minimum elong	-1816 May 10 j 02:04	2°♉37'02	0°47'21
max. Earth dist.	-1816 May 11 j 02:05	4°♉47'54	1.32770 AU
evening rise	-1816 May 17 j 07:51	18°♉04'45	
	-1816 May 23 j 09:01	0°♊	
	-1816 Jun 11 j 14:44	0°♋	

desc. node	-1816 Jun 15 j 09:08	4°♋19'53	
evening max el	-1816 Jun 17 j 22:44	6°♋55'55	27°13'04
retrograde	-1816 Jul 01 j 20:18	14°♋15'57	
evening set	-1816 Jul 08 j 22:06	11°♋55'58	
min. Earth dist.	-1816 Jul 12 j 12:39	9°♋08'11	0.61822 AU
inferior conj	-1816 Jul 15 j 14:53	6°♋19'09	-4°-15'-46
minimum elong	-1816 Jul 15 j 18:17	6°♋11'21	4°15'16
morning rise	-1816 Jul 22 j 17:12	1°♋20'06	
direct	-1816 Jul 25 j 04:34	0°♋53'50	
morning max el	-1816 Aug 01 j 01:30	4°♋20'44	17°57'25
asc. node	-1816 Aug 01 j 10:22	4°♋42'52	
morning set	-1816 Aug 17 j 02:02	29°♋29'49	
	-1816 Aug 17 j 08:40	0°♌	
superior conj	-1816 Aug 27 j 19:08	18°♌37'31	1°25'33
minimum elong	-1816 Aug 27 j 23:55	18°♌58'11	1°25'06
	-1816 Sep 03 j 12:35	0°♍	
max. Earth dist.	-1816 Sep 04 j 03:33	1°♍01'39	1.42541 AU
evening rise	-1816 Sep 11 j 02:29	12°♍13'03	
desc. node	-1816 Sep 11 j 08:28	12°♍36'34	
	-1816 Sep 22 j 18:10	0°♎	
greatest brilliancy	-1816 Oct 08 j 01:57	21°♎13'52	-0.4m
evening max el	-1816 Oct 12 j 21:26	26°♎42'17	21°52'20
	-1816 Oct 16 j 15:01	0°♏	
retrograde	-1816 Oct 22 j 01:07	2°♏08'48	
evening set	-1816 Oct 26 j 08:05	0°♏28'17	
	-1816 Oct 26 j 21:31	30°℞♎	
asc. node	-1816 Oct 28 j 09:31	28°♎28'39	
inferior conj	-1816 Oct 31 j 17:24	24°♎10'05	1°07'42
minimum elong	-1816 Oct 31 j 15:53	24°♎15'19	1°07'03
min. Earth dist.	-1816 Oct 31 j 20:35	23°♎59'05	0.67469 AU
morning rise	-1816 Nov 05 j 23:26	17°♎54'15	
direct	-1816 Nov 10 j 18:51	15°♎54'02	
morning max el	-1816 Nov 20 j 17:32	21°♎49'11	22°53'41
greatest brilliancy	-1816 Nov 25 j 12:08	27°♎10'23	-0.3m
	-1816 Nov 27 j 18:36	0°♏	
desc. node	-1816 Dec 08 j 07:49	14°♏31'37	
	-1816 Dec 18 j 12:57	0°♐	
morning set	-1816 Dec 24 j 23:53	10°♐24'13	
max. Earth dist.	-1816 Dec 29 j 18:05	18°♐24'45	1.40003 AU
	-1815 Jan 05 j 07:51	0°♑	
superior conj	-1815 Jan 06 j 12:14	2°♑09'05	-1°-57'-46
minimum elong	-1815 Jan 06 j 13:29	2°♑14'50	1°57'47
evening rise	-1815 Jan 16 j 05:29	20°♑25'23	
	-1815 Jan 21 j 07:56	0°♒	
asc. node	-1815 Jan 24 j 08:51	5°♒21'28	
evening max el	-1815 Feb 01 j 10:34	16°♒26'43	18°27'14
retrograde	-1815 Feb 08 j 21:57	20°♒06'56	
evening set	-1815 Feb 11 j 09:06	19°♒44'14	
inferior conj	-1815 Feb 18 j 18:16	15°♒10'29	3°31'23
minimum elong	-1815 Feb 18 j 21:34	15°♒03'48	3°30'52
min. Earth dist.	-1815 Feb 22 j 04:25	12°♒25'47	0.58805 AU
morning rise	-1815 Feb 26 j 06:24	9°♒44'30	
direct	-1815 Mar 04 j 10:55	8°♒05'14	
desc. node	-1815 Mar 06 j 06:59	8°♒13'51	
morning max el	-1815 Mar 18 j 18:03	15°♒42'23	26°47'55
	-1815 Mar 30 j 08:51	0°♓	
	-1815 Apr 16 j 08:32	0°♈	
morning set	-1815 Apr 17 j 13:30	2°♈30'03	
asc. node	-1815 Apr 22 j 08:13	12°♈44'14	
superior conj	-1815 Apr 24 j 15:42	17°♈47'58	0°24'12
minimum elong	-1815 Apr 24 j 14:39	17°♈42'10	0°23'59
max. Earth dist.	-1815 Apr 24 j 14:52	17°♈43'25	1.32468 AU
	-1815 Apr 30 j 06:34	0°♉	
evening rise	-1815 May 01 j 15:40	2°♉54'34	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1815 May 16 j 07:37	0°♊	
evening max el	-1815 May 31 j 00:23	18°♊51'30	26°28'18
desc. node	-1815 Jun 02 j 06:09	20°♊51'46	
retrograde	-1815 Jun 14 j 01:21	26°♊07'41	
evening set	-1815 Jun 20 j 13:29	24°♊20'50	
min. Earth dist.	-1815 Jun 24 j 13:38	21°♊42'08	0.59793 AU
inferior conj	-1815 Jun 27 j 22:07	19°♊02'29	-4°-32'-57
minimum elong	-1815 Jun 27 j 22:54	19°♊00'54	4°32'56
morning rise	-1815 Jul 05 j 11:43	14°♊25'40	
direct	-1815 Jul 07 j 23:01	14°♊03'29	
morning max el	-1815 Jul 15 j 12:00	17°♊41'54	18°17'51
asc. node	-1815 Jul 19 j 07:26	22°♊07'48	
	-1815 Jul 24 j 08:50	0°♋	
morning set	-1815 Jul 31 j 11:23	13°♋02'37	
superior conj	-1815 Aug 09 j 21:36	0°♌43'05	1°42'35
minimum elong	-1815 Aug 10 j 00:09	0°♌54'41	1°42'29
	-1815 Aug 09 j 12:10	0°♌	
max. Earth dist.	-1815 Aug 17 j 10:08	14°♌01'01	1.40718 AU
evening rise	-1815 Aug 22 j 06:15	22°♌07'29	
	-1815 Aug 27 j 03:41	0°♍	
desc. node	-1815 Aug 29 j 05:29	3°♍14'57	
	-1815 Sep 16 j 20:05	0°♎	
greatest brilliancy	-1815 Sep 19 j 18:11	3°♎41'25	-0.2m
evening max el	-1815 Sep 25 j 12:36	10°♎11'19	23°11'38
retrograde	-1815 Oct 05 j 18:44	16°♎15'30	
evening set	-1815 Oct 10 j 15:15	14°♎16'11	
asc. node	-1815 Oct 15 j 06:33	8°♎55'03	
min. Earth dist.	-1815 Oct 15 j 17:06	8°♎18'55	0.67546 AU
inferior conj	-1815 Oct 16 j 00:17	7°♎54'16	0°15'16
minimum elong	-1815 Oct 15 j 23:55	7°♎55'30	0°15'06
transit middle	-1815 Oct 15 j 23:55	7°♎55'30	0°15'06
transit begin	-1815 Oct 15 j 22:53	7°♎59'03	
transit end	-1815 Oct 16 j 00:57	7°♎51'58	
morning rise	-1815 Oct 21 j 08:36	1°♎41'36	
direct	-1815 Oct 25 j 13:38	0°♎03'34	
morning max el	-1815 Nov 03 j 08:16	5°♎13'31	21°30'05
greatest brilliancy	-1815 Nov 08 j 10:55	11°♎05'22	-0.4m
	-1815 Nov 22 j 00:46	0°♏	
desc. node	-1815 Nov 25 j 04:51	4°♏44'00	
morning set	-1815 Dec 04 j 15:25	19°♏17'54	
	-1815 Dec 11 j 06:49	0°♐	
max. Earth dist.	-1815 Dec 11 j 19:24	0°♐51'48	1.42004 AU
superior conj	-1815 Dec 19 j 06:09	13°♐26'39	-1°-56'-27
minimum elong	-1815 Dec 19 j 03:44	13°♐16'12	1°56'25
	-1815 Dec 28 j 13:24	0°♑	
evening rise	-1815 Dec 30 j 07:43	3°♑12'45	
asc. node	-1814 Jan 11 j 05:51	23°♑42'31	
evening max el	-1814 Jan 15 j 20:00	29°♑23'58	18°09'23
	-1814 Jan 16 j 11:13	0°♒	
retrograde	-1814 Jan 22 j 14:53	2°♒51'27	
evening set	-1814 Jan 25 j 05:40	2°♒21'04	
	-1814 Jan 29 j 02:23	30°℞♑	
inferior conj	-1814 Feb 01 j 00:31	27°♑25'12	3°54'29
minimum elong	-1814 Feb 01 j 01:19	27°♑23'19	3°54'25
min. Earth dist.	-1814 Feb 04 j 05:01	24°♑27'25	0.60868 AU
morning rise	-1814 Feb 07 j 18:15	21°♑40'34	
direct	-1814 Feb 14 j 14:22	19°♑25'16	
desc. node	-1814 Feb 21 j 04:01	21°♑17'08	
morning max el	-1814 Feb 28 j 18:13	27°♑10'32	27°34'25
	-1814 Mar 03 j 11:08	0°♒	
	-1814 Mar 23 j 22:28	0°♓	
morning set	-1814 Apr 01 j 20:35	17°♓12'51	
	-1814 Apr 07 j 20:52	0°♈	
max. Earth dist.	-1814 Apr 08 j 03:27	0°♈35'53	1.32517 AU

superior conj	-1814 Apr 09 j 02:59	2°♈44'15	0°00'-59
minimum elong	-1814 Apr 09 j 03:01	2°♈44'28	0°00'59
behind sun begin	-1814 Apr 08 j 21:59	2°♈16'56	
behind sun end	-1814 Apr 09 j 08:03	3°♈12'01	
asc. node	-1814 Apr 09 j 05:14	2°♈56'38	
evening rise	-1814 Apr 16 j 02:23	17°♈50'30	
	-1814 Apr 22 j 03:14	0°♉	
	-1814 May 12 j 17:56	0°♊	
evening max el	-1814 May 12 j 19:23	0°♊03'29	25°14'52
desc. node	-1814 May 20 j 03:11	5°♊28'50	
retrograde	-1814 May 26 j 20:14	7°♊12'43	
evening set	-1814 Jun 01 j 06:20	6°♊04'30	
min. Earth dist.	-1814 Jun 06 j 07:17	3°♊17'33	0.57796 AU
inferior conj	-1814 Jun 09 j 10:37	1°♊08'21	-4°-22'-11
minimum elong	-1814 Jun 09 j 07:21	1°♊14'00	4°21'51
	-1814 Jun 11 j 02:57	30°℞♉	
morning rise	-1814 Jun 17 j 12:16	26°♉53'32	
direct	-1814 Jun 20 j 00:42	26°♉34'24	
	-1814 Jun 27 j 23:22	0°♊	
morning max el	-1814 Jun 28 j 15:40	0°♊36'43	18°58'43
asc. node	-1814 Jul 06 j 04:29	10°♊22'59	
morning set	-1814 Jul 15 j 07:13	27°♊07'23	
	-1814 Jul 16 j 18:15	0°♋	
superior conj	-1814 Jul 23 j 19:29	13°♋47'36	1°48'12
minimum elong	-1814 Jul 23 j 19:44	13°♋48'45	1°48'14
max. Earth dist.	-1814 Jul 30 j 13:02	26°♋18'23	1.38732 AU
	-1814 Aug 01 j 14:51	0°♌	
evening rise	-1814 Aug 03 j 11:20	3°♌13'58	
desc. node	-1814 Aug 16 j 02:30	23°♌42'55	
	-1814 Aug 20 j 07:49	0°♍	
evening max el	-1814 Sep 08 j 00:29	23°♍42'31	24°31'23
	-1814 Sep 17 j 02:15	0°♎	
retrograde	-1814 Sep 19 j 08:36	0°♎20'23	
	-1814 Sep 21 j 12:12	30°℞♍	
evening set	-1814 Sep 24 j 19:56	28°♍02'17	
min. Earth dist.	-1814 Sep 29 j 12:30	22°♍39'19	0.67307 AU
inferior conj	-1814 Sep 30 j 06:08	21°♍40'20	0°-39'-4
minimum elong	-1814 Sep 30 j 07:05	21°♍37'10	0°38'42
asc. node	-1814 Oct 02 j 03:36	19°♍12'07	
morning rise	-1814 Oct 05 j 18:34	15°♍33'43	
direct	-1814 Oct 09 j 10:49	14°♍16'04	
morning max el	-1814 Oct 17 j 06:16	18°♍47'23	20°16'22
greatest brilliancy	-1814 Oct 24 j 00:29	26°♍58'29	-0.6m
	-1814 Oct 26 j 05:07	0°♎	
desc. node	-1814 Nov 12 j 01:53	25°♎10'53	
morning set	-1814 Nov 13 j 13:25	27°♎28'05	
	-1814 Nov 15 j 04:35	0°♏	
max. Earth dist.	-1814 Nov 24 j 04:27	14°♏11'35	1.43610 AU
superior conj	-1814 Nov 29 j 21:52	23°♏29'38	-1°-39'-22
minimum elong	-1814 Nov 29 j 15:15	23°♏02'27	1°38'54
	-1814 Dec 03 j 19:51	0°♐	
evening rise	-1814 Dec 12 j 17:19	15°♐12'47	
	-1814 Dec 21 j 08:06	0°♑	
asc. node	-1814 Dec 29 j 02:51	11°♑17'38	
evening max el	-1814 Dec 30 j 08:12	12°♑36'49	18°11'03
retrograde	-1813 Jan 05 j 20:47	16°♑04'58	
evening set	-1813 Jan 08 j 15:12	15°♑26'05	
inferior conj	-1813 Jan 14 j 22:53	10°♑09'13	3°52'55
minimum elong	-1813 Jan 14 j 21:35	10°♑12'41	3°52'47
min. Earth dist.	-1813 Jan 17 j 14:36	7°♑20'58	0.62816 AU
morning rise	-1813 Jan 21 j 02:04	4°♑11'58	
direct	-1813 Jan 28 j 02:41	1°♑31'27	
desc. node	-1813 Feb 08 j 01:05	6°♑37'06	
morning max el	-1813 Feb 11 j 00:13	9°♑20'14	27°44'26
	-1813 Feb 27 j 02:25	0°♒	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1813 Mar 16 j 02:55	0°♓	
morning set	-1813 Mar 16 j 22:09	1°♓36'19	
max. Earth dist.	-1813 Mar 22 j 11:48	13°♓11'09	1.32937 AU
superior conj	-1813 Mar 24 j 12:10	17°♓30'53	0°-26'-57
minimum elong	-1813 Mar 24 j 13:26	17°♓37'39	0°26'42
asc. node	-1813 Mar 27 j 02:16	23°♓07'01	
	-1813 Mar 30 j 06:54	0°♈	
evening rise	-1813 Mar 31 j 14:10	2°♈45'56	
	-1813 Apr 15 j 13:48	0°♉	
evening max el	-1813 Apr 24 j 10:29	10°♉46'12	23°43'48
desc. node	-1813 May 07 j 00:12	17°♉34'46	
retrograde	-1813 May 08 j 03:20	17°♉37'41	
evening set	-1813 May 12 j 03:48	17°♉02'00	
min. Earth dist.	-1813 May 18 j 21:23	13°♉52'19	0.56152 AU
inferior conj	-1813 May 21 j 02:58	12°♉31'16	-3°-32'-10
minimum elong	-1813 May 20 j 20:30	12°♉41'05	3°30'40
morning rise	-1813 May 29 j 16:55	8°♉32'44	
direct	-1813 Jun 01 j 07:03	8°♉15'45	
morning max el	-1813 Jun 11 j 09:59	12°♉56'45	20°00'18
asc. node	-1813 Jun 23 j 01:35	29°♉16'50	
	-1813 Jun 23 j 11:05	0°♊	
morning set	-1813 Jun 29 j 10:24	11°♊36'06	
superior conj	-1813 Jul 07 j 07:32	27°♊36'15	1°44'52
minimum elong	-1813 Jul 07 j 06:06	27°♊29'07	1°44'51
	-1813 Jul 08 j 12:24	0°♋	
max. Earth dist.	-1813 Jul 12 j 17:00	8°♋08'26	1.36838 AU
evening rise	-1813 Jul 16 j 16:00	15°♋29'53	
	-1813 Jul 25 j 01:13	0°♌	
desc. node	-1813 Aug 02 j 23:30	13°♌55'10	
	-1813 Aug 14 j 21:17	0°♍	
evening max el	-1813 Aug 21 j 11:28	7°♍16'09	25°44'11
retrograde	-1813 Sep 02 j 18:08	14°♍18'56	
evening set	-1813 Sep 08 j 20:18	11°♍44'49	
min. Earth dist.	-1813 Sep 13 j 04:27	6°♍58'24	0.66742 AU
inferior conj	-1813 Sep 14 j 09:14	5°♍26'29	-1°-33'-45
minimum elong	-1813 Sep 14 j 11:31	5°♍19'11	1°32'50
asc. node	-1813 Sep 19 j 00:42	0°♍17'11	
	-1813 Sep 19 j 09:25	30°℞♌	
morning rise	-1813 Sep 20 j 03:27	29°♌28'52	
direct	-1813 Sep 23 j 09:05	28°♌28'26	
	-1813 Sep 27 j 13:56	0°♍	
morning max el	-1813 Sep 30 j 11:36	2°♍30'10	19°16'11
greatest brilliancy	-1813 Oct 11 j 04:30	16°♍41'28	-0.7m
	-1813 Oct 19 j 20:18	0°♎	
morning set	-1813 Oct 23 j 17:21	6°♎02'55	
desc. node	-1813 Oct 29 j 22:53	15°♎47'29	
max. Earth dist.	-1813 Nov 06 j 19:13	28°♎07'20	1.44624 AU
	-1813 Nov 07 j 23:43	0°♏	
superior conj	-1813 Nov 09 j 11:29	2°♏21'43	-1°-4'-36
minimum elong	-1813 Nov 09 j 04:09	1°♏52'40	1°03'48
evening rise	-1813 Nov 24 j 05:45	26°♏16'13	
	-1813 Nov 26 j 11:54	0°♐	
evening max el	-1813 Dec 13 j 20:27	25°♐58'18	18°31'24
asc. node	-1813 Dec 15 j 23:54	27°♐53'04	
retrograde	-1813 Dec 20 j 11:07	29°♐37'59	
evening set	-1813 Dec 23 j 10:11	28°♐49'19	
inferior conj	-1813 Dec 29 j 09:26	23°♐13'43	3°33'54
minimum elong	-1813 Dec 29 j 06:54	23°♐21'10	3°33'25
min. Earth dist.	-1813 Dec 31 j 10:10	20°♐51'09	0.64480 AU
morning rise	-1812 Jan 04 j 02:17	17°♐07'55	
direct	-1812 Jan 10 j 22:30	14°♐16'59	
morning max el	-1812 Jan 24 j 09:20	22°♐02'04	27°19'06
desc. node	-1812 Jan 25 j 22:08	23°♐36'46	
	-1812 Jan 31 j 10:03	0°♑	

	-1812 Feb 20 j 06:24	0°♒	
morning set	-1812 Feb 28 j 15:17	15°♒29'59	
max. Earth dist.	-1812 Mar 04 j 11:48	25°♒15'21	1.33768 AU
	-1812 Mar 06 j 18:28	0°♓	
superior conj	-1812 Mar 07 j 17:22	2°♓00'35	0°-52'-44
minimum elong	-1812 Mar 07 j 19:46	2°♓13'19	0°52'18
asc. node	-1812 Mar 12 j 23:17	13°♓10'30	
evening rise	-1812 Mar 15 j 01:09	17°♓33'27	
	-1812 Mar 21 j 06:43	0°♈	
evening max el	-1812 Apr 05 j 04:10	21°♈27'02	22°09'33
retrograde	-1812 Apr 17 j 22:29	27°♈41'11	
evening set	-1812 Apr 20 j 18:11	27°♈23'35	
desc. node	-1812 Apr 22 j 21:15	26°♈48'36	
min. Earth dist.	-1812 Apr 29 j 10:55	23°♈38'54	0.55202 AU
inferior conj	-1812 Apr 30 j 02:57	23°♈16'14	-1°-59'-40
minimum elong	-1812 Apr 29 j 21:41	23°♈23'42	1°57'57
morning rise	-1812 May 09 j 02:49	19°♈20'12	
direct	-1812 May 11 j 22:03	19°♈02'31	
morning max el	-1812 May 23 j 17:22	24°♈34'45	21°21'16
	-1812 May 28 j 14:37	0°♉	
asc. node	-1812 Jun 08 j 22:39	18°♉39'14	
morning set	-1812 Jun 12 j 18:30	26°♉21'31	
	-1812 Jun 14 j 12:33	0°♊	
superior conj	-1812 Jun 20 j 05:28	11°♊56'06	1°34'44
minimum elong	-1812 Jun 20 j 03:08	11°♊43'59	1°34'33
max. Earth dist.	-1812 Jun 24 j 04:11	19°♊59'13	1.35222 AU
evening rise	-1812 Jun 28 j 15:17	28°♊42'09	
	-1812 Jun 29 j 07:44	0°♋	
	-1812 Jul 17 j 05:58	0°♌	
desc. node	-1812 Jul 19 j 20:31	3°♌44'46	
evening max el	-1812 Aug 02 j 23:01	20°♌48'39	26°42'08
retrograde	-1812 Aug 15 j 22:44	28°♌05'12	
evening set	-1812 Aug 22 j 14:13	25°♌21'02	
min. Earth dist.	-1812 Aug 26 j 14:36	21°♌12'37	0.65831 AU
inferior conj	-1812 Aug 28 j 07:39	19°♌10'11	-2°-26'-50
minimum elong	-1812 Aug 28 j 11:07	18°♌59'48	2°25'35
morning rise	-1812 Sep 03 j 09:11	13°♌24'37	
asc. node	-1812 Sep 04 j 21:49	12°♌48'12	
direct	-1812 Sep 06 j 06:37	12°♌37'43	
morning max el	-1812 Sep 12 j 22:45	16°♌18'50	18°31'42
	-1812 Sep 23 j 00:00	0°♍	
morning set	-1812 Oct 02 j 21:48	15°♍52'38	
	-1812 Oct 11 j 17:20	0°♎	
desc. node	-1812 Oct 15 j 19:54	6°♎30'25	
superior conj	-1812 Oct 18 j 11:34	10°♎41'31	0°-17'-5
minimum elong	-1812 Oct 18 j 09:19	10°♎32'36	0°16'48
max. Earth dist.	-1812 Oct 19 j 13:08	12°♎22'07	1.44937 AU
	-1812 Oct 30 j 18:06	0°♏	
evening rise	-1812 Nov 03 j 18:00	6°♏18'43	
	-1812 Nov 18 j 23:07	0°♐	
evening max el	-1812 Nov 26 j 06:21	9°♐24'26	19°09'13
asc. node	-1812 Dec 01 j 20:58	13°♐13'59	
retrograde	-1812 Dec 03 j 06:18	13°♐24'47	
evening set	-1812 Dec 06 j 11:42	12°♐24'25	
inferior conj	-1812 Dec 12 j 04:45	6°♐32'46	3°02'38
minimum elong	-1812 Dec 12 j 01:47	6°♐42'08	3°01'50
min. Earth dist.	-1812 Dec 13 j 14:52	4°♐44'58	0.65784 AU
morning rise	-1812 Dec 17 j 14:59	0°♐21'15	
	-1812 Dec 18 j 00:57	30°℞♏	
direct	-1812 Dec 24 j 00:41	27°♏34'02	
	-1812 Dec 30 j 19:08	0°♐	
morning max el	-1811 Jan 05 j 18:52	5°♐03'46	26°24'31
desc. node	-1811 Jan 11 j 19:12	11°♐47'21	
	-1811 Jan 24 j 23:03	0°♑	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning set	-1811 Feb 10 j 20:15	28°♉42'12	
	-1811 Feb 11 j 12:45	0°♒	
max. Earth dist.	-1811 Feb 15 j 00:20	6°♒43'30	1.35050 AU
superior conj	-1811 Feb 19 j 16:17	16°♒06'36	-1°-16'-58
minimum elong	-1811 Feb 19 j 19:34	16°♒23'25	1°16'32
	-1811 Feb 26 j 08:53	0°♓	
evening rise	-1811 Feb 27 j 09:30	2°♓07'10	
asc. node	-1811 Feb 27 j 20:19	3°♓02'46	
	-1811 Mar 15 j 20:41	0°♈	
evening max el	-1811 Mar 18 j 06:28	2°♈32'25	20°44'25
retrograde	-1811 Mar 29 j 11:32	7°♈54'44	
evening set	-1811 Mar 31 j 17:51	7°♈42'29	
inferior conj	-1811 Apr 09 j 21:45	3°♈45'10	0°-2'-24
minimum elong	-1811 Apr 09 j 21:38	3°♈45'20	0°02'23
transit middle	-1811 Apr 09 j 21:38	3°♈45'20	0°02'23
transit begin	-1811 Apr 09 j 17:37	3°♈51'07	
transit end	-1811 Apr 10 j 01:40	3°♈39'33	
desc. node	-1811 Apr 09 j 18:19	3°♈50'06	
min. Earth dist.	-1811 Apr 11 j 00:44	3°♈06'28	0.55174 AU
	-1811 Apr 17 j 11:33	30°℞♓	
morning rise	-1811 Apr 18 j 23:58	29°♓33'33	
direct	-1811 Apr 22 j 09:43	29°♓08'21	
	-1811 Apr 27 j 04:33	0°♈	
morning max el	-1811 May 05 j 14:36	5°♈32'33	22°56'43
	-1811 May 22 j 14:07	0°♉	
asc. node	-1811 May 26 j 19:42	8°♉22'33	
morning set	-1811 May 28 j 05:27	11°♉17'30	
superior conj	-1811 Jun 04 j 10:07	26°♉36'57	1°19'26
minimum elong	-1811 Jun 04 j 07:33	26°♉23'13	1°19'06
	-1811 Jun 06 j 00:26	0°♊	
max. Earth dist.	-1811 Jun 07 j 01:21	2°♊10'51	1.33977 AU
evening rise	-1811 Jun 12 j 04:14	12°♊36'18	
	-1811 Jun 21 j 14:04	0°♋	
desc. node	-1811 Jul 06 j 17:34	23°♋01'27	
	-1811 Jul 12 j 10:47	0°♌	
evening max el	-1811 Jul 16 j 10:38	4°♌09'58	27°17'31
retrograde	-1811 Jul 29 j 21:41	11°♌30'52	
evening set	-1811 Aug 05 j 22:53	8°♌46'02	
min. Earth dist.	-1811 Aug 09 j 16:41	5°♌14'34	0.64553 AU
inferior conj	-1811 Aug 11 j 23:01	2°♌46'16	-3°-15'-54
minimum elong	-1811 Aug 12 j 03:15	2°♌34'42	3°14'39
	-1811 Aug 14 j 15:01	30°℞♋	
morning rise	-1811 Aug 18 j 09:16	27°♋16'10	
direct	-1811 Aug 21 j 01:01	26°♋39'20	
asc. node	-1811 Aug 22 j 18:54	26°♋55'18	
	-1811 Aug 27 j 10:04	0°♌	
morning max el	-1811 Aug 27 j 13:18	0°♌08'02	18°04'10
morning set	-1811 Sep 14 j 06:15	27°♌03'52	
	-1811 Sep 16 j 00:04	0°♍	
superior conj	-1811 Sep 27 j 20:15	19°♍30'28	0°31'16
minimum elong	-1811 Sep 27 j 23:49	19°♍44'49	0°30'48
max. Earth dist.	-1811 Oct 02 j 07:17	26°♍38'03	1.44521 AU
desc. node	-1811 Oct 02 j 16:55	27°♍16'13	
	-1811 Oct 04 j 10:23	0°♎	
evening rise	-1811 Oct 14 j 08:38	15°♎28'37	
	-1811 Oct 23 j 20:04	0°♏	
greatest brilliancy	-1811 Nov 02 j 10:19	14°♏05'30	-0.6m
evening max el	-1811 Nov 09 j 11:49	22°♏51'40	20°02'43
retrograde	-1811 Nov 17 j 03:32	27°♏20'43	
asc. node	-1811 Nov 18 j 18:03	27°♏05'54	
evening set	-1811 Nov 20 j 17:15	26°♏06'23	
inferior conj	-1811 Nov 26 j 06:00	20°♏01'38	2°22'38
minimum elong	-1811 Nov 26 j 03:16	20°♏10'46	2°21'42
min. Earth dist.	-1811 Nov 27 j 02:56	18°♏51'53	0.66715 AU
morning rise	-1811 Dec 01 j 12:41	13°♏46'43	
direct	-1811 Dec 07 j 08:17	11°♏13'46	
morning max el	-1811 Dec 19 j 03:30	18°♏14'32	25°09'30
	-1811 Dec 29 j 01:53	0°♐	
desc. node	-1811 Dec 29 j 16:14	0°♐47'38	
	-1810 Jan 18 j 00:10	0°♑	
morning set	-1810 Jan 24 j 07:58	10°♑57'58	
max. Earth dist.	-1810 Jan 28 j 01:48	17°♑48'32	1.36765 AU
superior conj	-1810 Feb 03 j 06:01	29°♑40'07	-1°-37'-55
minimum elong	-1810 Feb 03 j 09:31	29°♑57'23	1°37'36
	-1810 Feb 03 j 10:02	0°♒	
evening rise	-1810 Feb 11 j 13:05	16°♒20'31	
asc. node	-1810 Feb 14 j 17:22	22°♒38'41	
	-1810 Feb 18 j 15:50	0°♓	
evening max el	-1810 Feb 28 j 19:36	14°♓13'53	19°35'44
retrograde	-1810 Mar 10 j 07:41	18°♓46'14	
evening set	-1810 Mar 12 j 13:04	18°♓32'26	
inferior conj	-1810 Mar 21 j 01:40	14°♓27'54	1°46'34
minimum elong	-1810 Mar 21 j 05:43	14°♓21'27	1°45'18
min. Earth dist.	-1810 Mar 23 j 15:09	12°♓50'22	0.56065 AU
desc. node	-1810 Mar 27 j 15:22	10°♓37'57	
morning rise	-1810 Mar 29 j 18:53	9°♓47'11	
direct	-1810 Apr 03 j 05:26	9°♓02'55	
morning max el	-1810 Apr 17 j 05:59	16°♓07'02	24°36'43
	-1810 Apr 28 j 09:20	0°♈	
morning set	-1810 May 12 j 17:35	26°♈18'35	
asc. node	-1810 May 13 j 16:44	28°♈20'54	
	-1810 May 14 j 11:19	0°♉	
superior conj	-1810 May 19 j 19:04	11°♉31'20	1°00'12
minimum elong	-1810 May 19 j 16:46	11°♉18'55	0°59'49
max. Earth dist.	-1810 May 21 j 07:18	14°♉47'11	1.33108 AU
evening rise	-1810 May 27 j 02:52	27°♉00'16	
	-1810 May 28 j 14:35	0°♊	
	-1810 Jun 14 j 22:13	0°♋	
desc. node	-1810 Jun 23 j 14:36	11°♋31'19	
evening max el	-1810 Jun 28 j 20:17	17°♋07'09	27°23'56
retrograde	-1810 Jul 12 j 14:24	24°♋27'30	
evening set	-1810 Jul 19 j 18:52	21°♋54'20	
min. Earth dist.	-1810 Jul 23 j 08:53	18°♋54'05	0.62916 AU
inferior conj	-1810 Jul 26 j 04:34	16°♋08'40	-3°-57'-21
minimum elong	-1810 Jul 26 j 08:41	15°♋58'36	3°56'30
morning rise	-1810 Aug 02 j 00:45	10°♋57'29	
direct	-1810 Aug 04 j 13:11	10°♋27'54	
asc. node	-1810 Aug 09 j 15:57	12°♋31'12	
morning max el	-1810 Aug 11 j 04:35	13°♋52'32	17°54'31
	-1810 Aug 22 j 06:13	0°♌	
morning set	-1810 Aug 27 j 14:08	9°♌22'30	
superior conj	-1810 Sep 08 j 05:40	29°♌33'58	1°09'39
minimum elong	-1810 Sep 08 j 11:02	29°♌56'32	1°09'04
	-1810 Sep 08 j 11:52	0°♍	
max. Earth dist.	-1810 Sep 14 j 22:38	10°♍37'14	1.43429 AU
desc. node	-1810 Sep 19 j 13:58	18°♍02'00	
evening rise	-1810 Sep 23 j 14:17	24°♍19'00	
	-1810 Sep 27 j 06:51	0°♎	
greatest brilliancy	-1810 Oct 18 j 03:29	0°♏05'14	-0.5m
	-1810 Oct 18 j 01:51	0°♏	
evening max el	-1810 Oct 23 j 11:30	6°♏18'52	21°09'20
retrograde	-1810 Nov 01 j 00:41	11°♏23'11	
evening set	-1810 Nov 05 j 00:49	9°♏52'37	
asc. node	-1810 Nov 05 j 15:06	9°♏23'31	
inferior conj	-1810 Nov 10 j 10:56	3°♏38'08	1°36'24
minimum elong	-1810 Nov 10 j 08:52	3°♏45'12	1°35'34
min. Earth dist.	-1810 Nov 10 j 20:12	3°♏06'20	0.67291 AU
	-1810 Nov 13 j 04:50	30°℞♎	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1810 Nov 15 j 16:35	27°♎22'00	
direct	-1810 Nov 20 j 20:43	25°♎09'20	
	-1810 Nov 29 j 23:03	0°♏	
morning max el	-1810 Dec 01 j 12:17	1°♏30'06	23°43'54
desc. node	-1810 Dec 16 j 13:16	20°♏23'29	
	-1810 Dec 23 j 02:37	0°♐	
morning set	-1809 Jan 05 j 20:14	22°♐00'55	
max. Earth dist.	-1809 Jan 09 j 21:32	29°♐02'23	1.38790 AU
	-1809 Jan 10 j 10:34	0°♑	
superior conj	-1809 Jan 17 j 06:40	12°♑30'32	-1°-53'-1
minimum elong	-1809 Jan 17 j 09:14	12°♑42'34	1°52'56
evening rise	-1809 Jan 26 j 09:22	0°♒06'21	
	-1809 Jan 26 j 08:04	0°♒	
asc. node	-1809 Feb 01 j 14:23	11°♒51'46	
evening max el	-1809 Feb 11 j 18:36	26°♒30'06	18°46'26
	-1809 Feb 17 j 04:52	0°♓	
retrograde	-1809 Feb 19 j 20:47	0°♓25'10	
evening set	-1809 Feb 22 j 05:32	0°♓06'23	
	-1809 Feb 22 j 14:41	30°℞♒	
inferior conj	-1809 Mar 02 j 00:14	25°♒44'26	3°03'42
minimum elong	-1809 Mar 02 j 04:37	25°♒36'18	3°02'44
min. Earth dist.	-1809 Mar 05 j 07:34	23°♒18'36	0.57672 AU
morning rise	-1809 Mar 09 j 23:44	20°♒32'42	
desc. node	-1809 Mar 14 j 12:25	19°♒18'49	
direct	-1809 Mar 15 j 14:13	19°♒15'58	
morning max el	-1809 Mar 29 j 21:43	26°♒44'54	26°06'47
	-1809 Apr 02 j 00:21	0°♓	
	-1809 Apr 21 j 14:22	0°♈	
morning set	-1809 Apr 27 j 05:07	11°♈17'40	
asc. node	-1809 Apr 30 j 13:45	18°♈28'14	
superior conj	-1809 May 04 j 06:14	26°♈31'15	0°38'00
minimum elong	-1809 May 04 j 04:38	26°♈22'30	0°37'42
max. Earth dist.	-1809 May 04 j 18:38	27°♈39'07	1.32598 AU
	-1809 May 05 j 20:26	0°♉	
evening rise	-1809 May 11 j 08:01	11°♉42'51	
	-1809 May 20 j 19:30	0°♊	
desc. node	-1809 Jun 10 j 11:37	28°♊53'46	
evening max el	-1809 Jun 11 j 01:11	29°♊26'33	26°57'49
	-1809 Jun 11 j 15:26	0°♋	
retrograde	-1809 Jun 25 j 00:09	6°♋45'09	
evening set	-1809 Jul 01 j 21:55	4°♋37'35	
min. Earth dist.	-1809 Jul 05 j 14:51	1°♋56'08	0.60981 AU
	-1809 Jul 07 j 21:13	30°℞♊	
inferior conj	-1809 Jul 08 j 20:56	29°♊08'25	-4°-25'-43
minimum elong	-1809 Jul 08 j 23:27	29°♊02'57	4°25'29
morning rise	-1809 Jul 16 j 04:00	24°♊18'58	
direct	-1809 Jul 18 j 15:13	23°♊54'34	
morning max el	-1809 Jul 25 j 17:42	27°♊24'36	18°03'42
asc. node	-1809 Jul 27 j 12:59	29°♊20'34	
	-1809 Jul 28 j 02:06	0°♋	
morning set	-1809 Aug 10 j 15:35	22°♋31'32	
	-1809 Aug 14 j 16:34	0°♌	
superior conj	-1809 Aug 20 j 18:20	10°♌58'26	1°34'19
minimum elong	-1809 Aug 20 j 22:15	11°♌15'46	1°34'03
max. Earth dist.	-1809 Aug 28 j 08:15	24°♌00'20	1.41803 AU
	-1809 Aug 31 j 23:35	0°♍	
evening rise	-1809 Sep 03 j 05:36	3°♍37'49	
desc. node	-1809 Sep 06 j 10:59	8°♍44'06	
	-1809 Sep 20 j 16:08	0°♎	
greatest brilliancy	-1809 Oct 01 j 11:09	14°♎25'34	-0.3m
evening max el	-1809 Oct 06 j 05:15	19°♎46'15	22°25'32
retrograde	-1809 Oct 15 j 20:06	25°♎29'27	
evening set	-1809 Oct 20 j 08:38	23°♎40'52	
asc. node	-1809 Oct 23 j 12:07	20°♎20'22	
inferior conj	-1809 Oct 25 j 17:38	17°♎20'21	0°45'47
minimum elong	-1809 Oct 25 j 16:35	17°♎23'59	0°45'19
min. Earth dist.	-1809 Oct 25 j 16:18	17°♎24'58	0.67537 AU
morning rise	-1809 Oct 31 j 00:24	11°♎05'32	
direct	-1809 Nov 04 j 13:25	9°♎15'06	
morning max el	-1809 Nov 14 j 00:01	14°♎50'58	22°17'16
greatest brilliancy	-1809 Nov 18 j 16:23	20°♎07'22	-0.3m
	-1809 Nov 26 j 04:28	0°♏	
desc. node	-1809 Dec 03 j 10:19	10°♏24'57	
	-1809 Dec 16 j 03:04	0°♐	
morning set	-1809 Dec 17 j 04:01	1°♐40'32	
max. Earth dist.	-1809 Dec 22 j 18:53	10°♐57'01	1.40879 AU
superior conj	-1809 Dec 30 j 13:25	24°♐25'58	-1°-58'-53
minimum elong	-1809 Dec 30 j 13:19	24°♐25'32	1°58'56
	-1808 Jan 02 j 15:25	0°♑	
evening rise	-1808 Jan 09 j 19:18	13°♑17'44	
asc. node	-1808 Jan 19 j 11:25	0°♒34'48	
	-1808 Jan 19 j 02:46	0°♒	
evening max el	-1808 Jan 26 j 01:05	9°♒15'04	18°17'13
retrograde	-1808 Feb 02 j 04:21	12°♒48'25	
evening set	-1808 Feb 04 j 16:54	12°♒22'44	
inferior conj	-1808 Feb 11 j 19:36	7°♒39'41	3°44'45
minimum elong	-1808 Feb 11 j 21:51	7°♒34'48	3°44'29
min. Earth dist.	-1808 Feb 15 j 04:39	4°♒46'08	0.59671 AU
morning rise	-1808 Feb 18 j 23:28	2°♒04'29	
direct	-1808 Feb 25 j 11:51	0°♒08'59	
desc. node	-1808 Feb 29 j 09:27	0°♒48'21	
morning max el	-1808 Mar 10 j 18:24	7°♒51'13	27°12'02
	-1808 Mar 27 j 12:42	0°♓	
morning set	-1808 Apr 10 j 14:23	26°♓08'24	
	-1808 Apr 12 j 10:27	0°♈	
asc. node	-1808 Apr 16 j 10:47	8°♈40'05	
superior conj	-1808 Apr 17 j 17:57	11°♈30'40	0°13'41
minimum elong	-1808 Apr 17 j 17:20	11°♈27'18	0°13'34
behind sun begin	-1808 Apr 17 j 14:45	11°♈13'10	
behind sun end	-1808 Apr 17 j 19:55	11°♈41'28	
max. Earth dist.	-1808 Apr 17 j 07:40	10°♈34'18	1.32439 AU
evening rise	-1808 Apr 24 j 17:17	26°♈35'50	
	-1808 Apr 26 j 08:33	0°♉	
	-1808 May 13 j 15:25	0°♊	
evening max el	-1808 May 22 j 23:41	11°♊02'08	26°00'00
desc. node	-1808 May 27 j 08:38	14°♊41'06	
retrograde	-1808 Jun 06 j 01:30	18°♊17'01	
evening set	-1808 Jun 12 j 03:54	16°♊46'22	
min. Earth dist.	-1808 Jun 16 j 12:21	14°♊06'09	0.58921 AU
inferior conj	-1808 Jun 19 j 20:30	11°♊36'35	-4°-32'-32
minimum elong	-1808 Jun 19 j 19:41	11°♊38'08	4°32'30
morning rise	-1808 Jun 27 j 15:14	7°♊09'40	
direct	-1808 Jun 30 j 02:44	6°♊49'02	
morning max el	-1808 Jul 08 j 01:43	10°♊36'01	18°32'41
asc. node	-1808 Jul 13 j 10:03	17°♊08'28	
	-1808 Jul 20 j 22:23	0°♋	
morning set	-1808 Jul 24 j 05:47	6°♋18'42	
superior conj	-1808 Aug 02 j 05:44	23°♋31'02	1°46'13
minimum elong	-1808 Aug 02 j 07:15	23°♋38'04	1°46'12
	-1808 Aug 05 j 18:28	0°♌	
max. Earth dist.	-1808 Aug 09 j 12:12	6°♌38'33	1.39876 AU
evening rise	-1808 Aug 13 j 19:53	14°♌01'58	
desc. node	-1808 Aug 23 j 07:59	29°♌18'28	
	-1808 Aug 23 j 18:47	0°♍	
	-1808 Sep 14 j 17:13	0°♎	
evening max el	-1808 Sep 17 j 18:35	3°♎15'35	23°45'59
retrograde	-1808 Sep 28 j 12:20	9°♎35'39	
evening set	-1808 Oct 03 j 14:57	7°♎28'21	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1808 Oct 08 j 12:44	1°♎45'08	0.67476 AU
inferior conj	-1808 Oct 09 j 00:17	1°♎05'45	0°-7'-40
minimum elong	-1808 Oct 09 j 00:28	1°♎05'07	0°07'36
transit middle	-1808 Oct 09 j 00:28	1°♎05'07	0°07'36
transit begin	-1808 Oct 08 j 22:04	1°♎13'19	
transit end	-1808 Oct 09 j 02:53	0°♎56'56	
asc. node	-1808 Oct 09 j 09:11	0°♎35'27	
	-1808 Oct 09 j 19:41	30°℞♍	
morning rise	-1808 Oct 14 j 10:08	24°♍55'03	
direct	-1808 Oct 18 j 09:25	23°♍26'03	
morning max el	-1808 Oct 26 j 17:38	28°♍19'04	20°57'10
	-1808 Oct 28 j 07:29	0°♎	
greatest brilliancy	-1808 Nov 01 j 10:26	4°♎59'36	-0.5m
	-1808 Nov 18 j 19:46	0°♏	
desc. node	-1808 Nov 19 j 07:20	0°♏44'02	
morning set	-1808 Nov 25 j 09:40	10°♏08'13	
max. Earth dist.	-1808 Dec 03 j 22:55	23°♏45'29	1.42745 AU
	-1808 Dec 07 j 18:03	0°♐	
superior conj	-1808 Dec 10 j 20:38	5°♐12'38	-1°-51'-21
minimum elong	-1808 Dec 10 j 16:19	4°♐54'25	1°51'10
evening rise	-1808 Dec 22 j 14:59	25°♐45'41	
	-1808 Dec 24 j 23:55	0°♑	
asc. node	-1807 Jan 05 j 08:27	18°♑37'55	
evening max el	-1807 Jan 08 j 12:05	22°♑19'59	18°07'49
retrograde	-1807 Jan 15 j 03:09	25°♑46'06	
evening set	-1807 Jan 17 j 19:25	25°♑12'17	
inferior conj	-1807 Jan 24 j 09:11	20°♑07'37	3°56'18
minimum elong	-1807 Jan 24 j 09:00	20°♑08'05	3°56'16
min. Earth dist.	-1807 Jan 27 j 08:58	17°♑11'06	0.61726 AU
morning rise	-1807 Jan 30 j 20:12	14°♑17'02	
direct	-1807 Feb 06 j 19:39	11°♑48'53	
desc. node	-1807 Feb 15 j 06:30	14°♑53'49	
morning max el	-1807 Feb 20 j 21:07	19°♑36'47	27°43'05
	-1807 Mar 01 j 18:28	0°♒	
	-1807 Mar 20 j 08:32	0°♓	
morning set	-1807 Mar 25 j 19:23	10°♓43'34	
max. Earth dist.	-1807 Mar 31 j 18:41	23°♓19'38	1.32643 AU
superior conj	-1807 Apr 02 j 04:34	26°♓23'27	0°-11'-57
minimum elong	-1807 Apr 02 j 05:07	26°♓26'27	0°11'51
behind sun begin	-1807 Apr 02 j 01:42	26°♓07'53	
behind sun end	-1807 Apr 02 j 08:31	26°♓45'01	
asc. node	-1807 Apr 03 j 07:50	28°♓52'01	
	-1807 Apr 03 j 20:18	0°♈	
evening rise	-1807 Apr 09 j 04:39	11°♈32'00	
	-1807 Apr 18 j 16:04	0°♉	
evening max el	-1807 May 04 j 16:35	21°♉59'27	24°37'35
desc. node	-1807 May 14 j 05:38	28°♉18'05	
retrograde	-1807 May 18 j 15:48	29°♉03'03	
evening set	-1807 May 23 j 11:36	28°♉10'27	
min. Earth dist.	-1807 May 29 j 04:24	25°♉15'06	0.57026 AU
inferior conj	-1807 Jun 01 j 00:26	23°♉24'47	-4°-6'-22
minimum elong	-1807 May 31 j 19:29	23°♉32'52	4°05'34
morning rise	-1807 Jun 09 j 07:19	19°♉17'41	
direct	-1807 Jun 11 j 20:13	18°♉59'41	
morning max el	-1807 Jun 21 j 01:41	23°♉17'15	19°22'24
	-1807 Jun 26 j 16:30	0°♊	
asc. node	-1807 Jun 30 j 07:08	5°♊41'41	
morning set	-1807 Jul 08 j 05:09	20°♊35'02	
	-1807 Jul 12 j 22:03	0°♋	
superior conj	-1807 Jul 16 j 10:16	6°♋56'19	1°47'45
minimum elong	-1807 Jul 16 j 09:42	6°♋53'35	1°47'46
max. Earth dist.	-1807 Jul 22 j 14:48	18°♋41'45	1.37903 AU
evening rise	-1807 Jul 26 j 11:38	25°♋40'16	
	-1807 Jul 28 j 23:17	0°♌	

desc. node	-1807 Aug 10 j 05:00	19°♌40'53	
	-1807 Aug 17 j 08:43	0°♍	
evening max el	-1807 Aug 31 j 06:04	16°♍49'20	25°03'44
retrograde	-1807 Sep 12 j 00:27	23°♍38'48	
evening set	-1807 Sep 17 j 18:03	21°♍13'43	
min. Earth dist.	-1807 Sep 22 j 07:05	16°♍05'48	0.67110 AU
inferior conj	-1807 Sep 23 j 05:15	14°♍52'54	-1°-2'-20
minimum elong	-1807 Sep 23 j 06:46	14°♍47'55	1°01'42
asc. node	-1807 Sep 26 j 06:16	11°♍07'25	
morning rise	-1807 Sep 28 j 19:55	8°♍49'29	
direct	-1807 Oct 02 j 07:26	7°♍39'25	
morning max el	-1807 Oct 09 j 18:46	11°♍56'59	19°48'51
greatest brilliancy	-1807 Oct 17 j 15:35	21°♍46'49	-0.6m
	-1807 Oct 23 j 06:59	0°♎	
morning set	-1807 Nov 04 j 07:07	18°♎20'14	
desc. node	-1807 Nov 06 j 04:23	21°♎15'44	
	-1807 Nov 11 j 18:39	0°♏	
max. Earth dist.	-1807 Nov 16 j 10:41	7°♏22'49	1.44131 AU
superior conj	-1807 Nov 21 j 00:42	14°♏43'52	-1°-26'-42
minimum elong	-1807 Nov 20 j 17:05	14°♏13'07	1°26'01
	-1807 Nov 30 j 07:17	0°♐	
evening rise	-1807 Dec 04 j 16:04	7°♐22'19	
	-1807 Dec 18 j 11:57	0°♑	
evening max el	-1807 Dec 23 j 00:42	5°♑37'30	18°17'31
asc. node	-1807 Dec 23 j 05:29	5°♑49'30	
retrograde	-1807 Dec 29 j 13:02	9°♑08'53	
evening set	-1806 Jan 01 j 09:24	8°♑25'54	
inferior conj	-1806 Jan 07 j 13:11	3°♑00'47	3°46'33
minimum elong	-1806 Jan 07 j 11:15	3°♑06'10	3°46'17
min. Earth dist.	-1806 Jan 09 j 22:35	0°♑22'05	0.63576 AU
	-1806 Jan 10 j 06:52	30°℞♐	
morning rise	-1806 Jan 13 j 11:31	26°♐59'48	
direct	-1806 Jan 20 j 11:22	24°♐12'58	
	-1806 Feb 01 j 01:24	0°♑	
desc. node	-1806 Feb 02 j 03:34	1°♑00'00	
morning max el	-1806 Feb 03 j 04:33	2°♑00'28	27°37'35
	-1806 Feb 23 j 23:49	0°♒	
morning set	-1806 Mar 09 j 17:43	24°♒55'03	
	-1806 Mar 12 j 06:03	0°♓	
max. Earth dist.	-1806 Mar 14 j 23:52	5°♓42'19	1.33240 AU
superior conj	-1806 Mar 17 j 12:18	11°♓03'31	0°-37'-59
minimum elong	-1806 Mar 17 j 14:04	11°♓12'57	0°37'39
asc. node	-1806 Mar 21 j 04:52	18°♓59'53	
evening rise	-1806 Mar 24 j 16:20	26°♓24'47	
	-1806 Mar 26 j 09:41	0°♈	
	-1806 Apr 13 j 19:25	0°♉	
evening max el	-1806 Apr 16 j 08:05	2°♉37'54	23°03'18
retrograde	-1806 Apr 29 j 17:01	9°♉15'10	
desc. node	-1806 May 01 j 02:41	9°♉10'46	
evening set	-1806 May 03 j 03:57	8°♉49'03	
min. Earth dist.	-1806 May 10 j 17:54	5°♉26'23	0.55644 AU
inferior conj	-1806 May 12 j 08:54	4°♉29'43	-2°-57'-37
minimum elong	-1806 May 12 j 02:17	4°♉39'22	2°55'47
morning rise	-1806 May 21 j 03:34	0°♉34'14	
direct	-1806 May 23 j 19:25	0°♉17'17	
morning max el	-1806 Jun 03 j 15:16	5°♉18'58	20°32'39
asc. node	-1806 Jun 17 j 04:12	24°♉48'36	
	-1806 Jun 19 j 20:46	0°♊	
morning set	-1806 Jun 22 j 10:44	5°♊11'49	
superior conj	-1806 Jun 30 j 02:58	20°♊59'23	1°41'19
minimum elong	-1806 Jun 30 j 01:04	20°♊49'43	1°41'13
	-1806 Jul 04 j 15:23	0°♋	
max. Earth dist.	-1806 Jul 04 j 21:41	0°♋30'42	1.36109 AU
evening rise	-1806 Jul 09 j 00:52	8°♋21'54	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1806 Jul 21 j 15:37	0°♌	
desc. node	-1806 Jul 28 j 02:01	9°♌44'40	
	-1806 Aug 13 j 07:37	0°♍	
evening max el	-1806 Aug 13 j 17:25	0°♍24'02	26°11'07
retrograde	-1806 Aug 26 j 07:44	7°♍33'06	
evening set	-1806 Sep 01 j 15:58	4°♍53'54	
min. Earth dist.	-1806 Sep 05 j 20:48	0°♍23'40	0.66406 AU
	-1806 Sep 06 j 04:28	30°℞♌	
inferior conj	-1806 Sep 07 j 06:37	28°♌38'36	-1°-56'-34
minimum elong	-1806 Sep 07 j 09:26	28°♌29'49	1°55'28
morning rise	-1806 Sep 13 j 03:46	22°♌45'43	
asc. node	-1806 Sep 13 j 03:21	22°♌46'19	
direct	-1806 Sep 16 j 05:43	21°♌51'20	
morning max el	-1806 Sep 23 j 02:49	25°♌42'46	18°55'15
	-1806 Sep 26 j 18:47	0°♍	
morning set	-1806 Oct 14 j 20:16	27°♍24'19	
	-1806 Oct 16 j 11:42	0°♎	
desc. node	-1806 Oct 24 j 01:25	11°♎55'35	
max. Earth dist.	-1806 Oct 30 j 03:44	21°♎31'02	1.44856 AU
superior conj	-1806 Oct 31 j 06:12	23°♎15'19	0°-45'-23
minimum elong	-1806 Oct 31 j 00:28	22°♎52'43	0°44'42
	-1806 Nov 04 j 12:37	0°♏	
evening rise	-1806 Nov 15 j 18:24	18°♏00'21	
	-1806 Nov 23 j 04:13	0°♐	
evening max el	-1806 Dec 06 j 12:15	19°♐01'36	18°45'25
asc. node	-1806 Dec 10 j 02:32	21°♐55'23	
retrograde	-1806 Dec 13 j 05:54	22°♐48'55	
evening set	-1806 Dec 16 j 07:31	21°♐55'20	
inferior conj	-1806 Dec 22 j 03:51	16°♐12'18	3°21'52
minimum elong	-1806 Dec 22 j 01:03	16°♐20'50	3°21'15
min. Earth dist.	-1806 Dec 23 j 22:06	14°♐04'10	0.65084 AU
morning rise	-1806 Dec 27 j 17:30	10°♐03'53	
direct	-1805 Jan 03 j 09:45	7°♐13'21	
morning max el	-1805 Jan 16 j 14:14	14°♐52'47	26°59'02
desc. node	-1805 Jan 20 j 00:39	18°♐33'07	
	-1805 Jan 29 j 00:23	0°♑	
	-1805 Feb 16 j 16:31	0°♒	
morning set	-1805 Feb 21 j 06:15	8°♒33'04	
max. Earth dist.	-1805 Feb 25 j 19:37	17°♒33'06	1.34261 AU
superior conj	-1805 Mar 01 j 15:10	25°♒24'27	-1°-3'-18
minimum elong	-1805 Mar 01 j 18:00	25°♒39'15	1°02'50
	-1805 Mar 03 j 19:38	0°♓	
asc. node	-1805 Mar 08 j 01:54	8°♓59'34	
evening rise	-1805 Mar 09 j 02:29	11°♓07'56	
	-1805 Mar 19 j 00:21	0°♈	
evening max el	-1805 Mar 29 j 04:47	13°♈26'34	21°31'36
retrograde	-1805 Apr 10 j 08:21	19°♈19'54	
evening set	-1805 Apr 12 j 20:36	19°♈05'35	
desc. node	-1805 Apr 17 j 23:44	17°♈19'16	
inferior conj	-1805 Apr 22 j 04:58	15°♈04'22	-1°-11'-7
minimum elong	-1805 Apr 22 j 01:39	15°♈09'02	1°09'58
min. Earth dist.	-1805 Apr 22 j 07:11	15°♈01'16	0.55071 AU
morning rise	-1805 May 01 j 07:10	11°♈04'24	
direct	-1805 May 04 j 07:10	10°♈44'43	
morning max el	-1805 May 16 j 18:04	16°♈39'03	22°00'40
	-1805 May 27 j 04:06	0°♉	
asc. node	-1805 Jun 04 j 01:16	14°♉20'52	
morning set	-1805 Jun 06 j 20:16	20°♉02'41	
	-1805 Jun 11 j 13:42	0°♊	
superior conj	-1805 Jun 14 j 04:07	5°♊29'19	1°28'48
minimum elong	-1805 Jun 14 j 01:36	5°♊16'08	1°28'33
max. Earth dist.	-1805 Jun 17 j 13:09	12°♊29'14	1.34643 AU
evening rise	-1805 Jun 22 j 06:30	21°♊53'14	
	-1805 Jun 26 j 14:03	0°♋	
desc. node	-1805 Jul 14 j 23:02	29°♋21'32	
	-1805 Jul 15 j 10:18	0°♌	
evening max el	-1805 Jul 27 j 05:00	13°♌52'28	27°00'16
retrograde	-1805 Aug 09 j 09:55	21°♌11'43	
evening set	-1805 Aug 16 j 06:18	18°♌25'35	
min. Earth dist.	-1805 Aug 20 j 03:35	14°♌33'35	0.65337 AU
inferior conj	-1805 Aug 22 j 02:18	12°♌19'12	-2°-48'-18
minimum elong	-1805 Aug 22 j 06:10	12°♌08'03	2°47'00
morning rise	-1805 Aug 28 j 07:25	6°♌40'06	
direct	-1805 Aug 31 j 02:09	5°♌57'54	
asc. node	-1805 Aug 31 j 00:27	5°♌57'55	
morning max el	-1805 Sep 06 j 15:47	9°♌32'28	18°17'55
	-1805 Sep 20 j 18:35	0°♍	
morning set	-1805 Sep 25 j 12:51	7°♍49'37	
	-1805 Oct 09 j 06:01	0°♎	
superior conj	-1805 Oct 10 j 07:12	1°♎39'50	0°04'08
minimum elong	-1805 Oct 10 j 07:44	1°♎41'55	0°04'03
behind sun begin	-1805 Oct 09 j 20:55	0°♎59'05	
behind sun end	-1805 Oct 10 j 18:32	2°♎24'43	
desc. node	-1805 Oct 10 j 22:26	2°♎40'10	
max. Earth dist.	-1805 Oct 12 j 22:22	5°♎49'26	1.44848 AU
evening rise	-1805 Oct 26 j 20:41	27°♎38'32	
	-1805 Oct 28 j 08:55	0°♏	
greatest brilliancy	-1805 Nov 11 j 02:26	21°♏05'20	-0.7m
	-1805 Nov 17 j 15:41	0°♐	
evening max el	-1805 Nov 19 j 20:23	2°♐28'03	19°30'07
asc. node	-1805 Nov 26 j 23:36	6°♐40'00	
retrograde	-1805 Nov 27 j 02:23	6°♐40'05	
evening set	-1805 Nov 30 j 11:01	5°♐34'04	
	-1805 Dec 05 j 18:40	30°℞♏	
inferior conj	-1805 Dec 06 j 02:00	29°♏36'11	2°46'36
minimum elong	-1805 Dec 05 j 23:04	29°♏45'42	2°45'42
min. Earth dist.	-1805 Dec 07 j 06:15	28°♏04'30	0.66221 AU
morning rise	-1805 Dec 11 j 10:22	23°♏22'45	
direct	-1805 Dec 17 j 14:12	20°♏40'47	
morning max el	-1805 Dec 29 j 23:41	28°♏00'21	25°54'34
	-1805 Dec 31 j 21:30	0°♐	
desc. node	-1804 Jan 06 j 21:42	7°♐07'01	
	-1804 Jan 22 j 17:47	0°♑	
morning set	-1804 Feb 04 j 04:34	21°♑23'23	
max. Earth dist.	-1804 Feb 08 j 03:21	28°♑49'41	1.35730 AU
	-1804 Feb 08 j 17:55	0°♒	
superior conj	-1804 Feb 13 j 10:32	9°♒17'26	-1°-26'-25
minimum elong	-1804 Feb 13 j 14:01	9°♒35'00	1°25'59
evening rise	-1804 Feb 21 j 09:05	25°♒33'43	
asc. node	-1804 Feb 22 j 22:56	28°♒45'30	
	-1804 Feb 23 j 13:48	0°♓	
evening max el	-1804 Mar 10 j 11:30	24°♓46'10	20°12'54
retrograde	-1804 Mar 20 j 23:14	29°♓46'45	
evening set	-1804 Mar 23 j 03:52	29°♓34'32	
inferior conj	-1804 Apr 01 j 02:02	25°♓35'45	0°46'39
minimum elong	-1804 Apr 01 j 04:05	25°♓32'41	0°45'57
min. Earth dist.	-1804 Apr 02 j 21:18	24°♓31'21	0.55445 AU
desc. node	-1804 Apr 03 j 20:48	23°♓57'18	
morning rise	-1804 Apr 10 j 01:47	21°♓12'30	
direct	-1804 Apr 13 j 20:47	20°♓41'04	
morning max el	-1804 Apr 27 j 12:19	27°♓24'35	23°39'32
	-1804 Apr 30 j 01:08	0°♈	
	-1804 May 18 j 21:32	0°♉	
asc. node	-1804 May 20 j 22:18	4°♉10'57	
morning set	-1804 May 21 j 07:54	5°♉01'05	
superior conj	-1804 May 28 j 10:50	20°♉16'36	1°11'41
minimum elong	-1804 May 28 j 08:19	20°♉03'06	1°11'19
max. Earth dist.	-1804 May 30 j 14:04	24°♉50'06	1.33556 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1804 Jun 02 j 01:08	0°♊	
evening rise	-1804 Jun 04 j 23:57	6°♊00'51	
	-1804 Jun 18 j 04:41	0°♋	
desc. node	-1804 Jun 30 j 20:03	18°♋20'02	
evening max el	-1804 Jul 08 j 15:49	27°♋03'59	27°24'05
	-1804 Jul 12 j 00:22	0°♌	
retrograde	-1804 Jul 22 j 06:31	4°♌26'00	
evening set	-1804 Jul 29 j 10:03	1°♌44'09	
	-1804 Jul 31 j 11:28	30°℞♋	
min. Earth dist.	-1804 Aug 02 j 01:35	28°♋27'10	0.63891 AU
inferior conj	-1804 Aug 04 j 13:50	25°♋49'51	-3°-34'-42
minimum elong	-1804 Aug 04 j 18:09	25°♋38'32	3°33'36
morning rise	-1804 Aug 11 j 04:12	20°♋27'38	
direct	-1804 Aug 13 j 18:08	19°♋54'22	
asc. node	-1804 Aug 16 j 21:31	20°♋43'56	
morning max el	-1804 Aug 20 j 07:01	23°♋20'30	17°57'53
	-1804 Aug 25 j 13:33	0°♌	
morning set	-1804 Sep 06 j 07:58	19°♌31'13	
	-1804 Sep 12 j 11:07	0°♍	
superior conj	-1804 Sep 19 j 01:21	10°♍57'56	0°49'08
minimum elong	-1804 Sep 19 j 06:13	11°♍17'52	0°48'32
max. Earth dist.	-1804 Sep 24 j 15:11	19°♍58'41	1.44123 AU
desc. node	-1804 Sep 26 j 19:27	23°♍26'25	
	-1804 Sep 30 j 23:37	0°♎	
evening rise	-1804 Oct 05 j 05:20	6°♎34'29	
	-1804 Oct 20 j 18:18	0°♏	
greatest brilliancy	-1804 Oct 26 j 18:37	8°♏26'38	-0.5m
evening max el	-1804 Nov 01 j 23:27	15°♏55'28	20°29'37
retrograde	-1804 Nov 09 j 23:53	20°♏39'19	
asc. node	-1804 Nov 12 j 20:39	19°♏52'10	
evening set	-1804 Nov 13 j 17:39	19°♏18'33	
inferior conj	-1804 Nov 19 j 05:06	13°♏09'14	2°03'44
minimum elong	-1804 Nov 19 j 02:36	13°♏17'42	2°02'47
min. Earth dist.	-1804 Nov 19 j 20:58	12°♏15'31	0.66998 AU
morning rise	-1804 Nov 24 j 11:02	6°♏53'14	
direct	-1804 Nov 30 j 00:05	4°♏28'15	
morning max el	-1804 Dec 11 j 08:09	11°♏13'51	24°33'45
desc. node	-1804 Dec 23 j 18:45	26°♏24'15	
	-1804 Dec 26 j 08:33	0°♐	
	-1803 Jan 14 j 11:15	0°♑	
morning set	-1803 Jan 16 j 07:08	3°♑10'37	
max. Earth dist.	-1803 Jan 20 j 01:02	9°♑52'07	1.37600 AU
superior conj	-1803 Jan 26 j 19:13	22°♑34'02	-1°-45'-14
minimum elong	-1803 Jan 26 j 22:30	22°♑49'54	1°44'59
	-1803 Jan 30 j 14:11	0°♒	
evening rise	-1803 Feb 04 j 09:53	9°♒36'01	
asc. node	-1803 Feb 08 j 19:56	18°♒12'22	
	-1803 Feb 15 j 17:36	0°♓	
evening max el	-1803 Feb 21 j 05:08	6°♓43'14	19°12'19
retrograde	-1803 Mar 02 j 01:37	10°♓57'30	
evening set	-1803 Mar 04 j 08:08	10°♓41'59	
inferior conj	-1803 Mar 12 j 13:10	6°♓31'14	2°23'49
minimum elong	-1803 Mar 12 j 17:48	6°♓23'22	2°22'31
min. Earth dist.	-1803 Mar 15 j 12:39	4°♓30'52	0.56683 AU
morning rise	-1803 Mar 20 j 23:29	1°♓36'31	
desc. node	-1803 Mar 21 j 17:50	1°♓20'30	
direct	-1803 Mar 25 j 22:17	0°♓39'32	
morning max el	-1803 Apr 09 j 03:03	7°♓56'38	25°17'03
	-1803 Apr 25 j 10:05	0°♈	
morning set	-1803 May 05 j 19:55	20°♈01'23	
asc. node	-1803 May 07 j 19:19	24°♈13'16	
	-1803 May 10 j 11:23	0°♉	
superior conj	-1803 May 12 j 20:56	5°♉13'48	0°51'05
minimum elong	-1803 May 12 j 18:53	5°♉02'41	0°50'43
max. Earth dist.	-1803 May 13 j 22:30	7°♉32'56	1.32847 AU
evening rise	-1803 May 20 j 01:40	20°♉33'35	
	-1803 May 24 j 19:49	0°♊	
	-1803 Jun 12 j 09:48	0°♋	
desc. node	-1803 Jun 17 j 17:04	6°♋23'49	
evening max el	-1803 Jun 20 j 23:48	9°♋46'16	27°17'00
retrograde	-1803 Jul 04 j 20:37	17°♋06'18	
evening set	-1803 Jul 11 j 23:23	14°♋42'35	
min. Earth dist.	-1803 Jul 15 j 13:34	11°♋51'55	0.62111 AU
inferior conj	-1803 Jul 18 j 14:11	9°♋03'23	-4°-11'-30
minimum elong	-1803 Jul 18 j 17:50	8°♋54'53	4°10'55
morning rise	-1803 Jul 25 j 14:53	4°♋00'59	
direct	-1803 Jul 28 j 02:27	3°♋33'54	
asc. node	-1803 Aug 03 j 18:34	6°♋52'28	
morning max el	-1803 Aug 03 j 21:41	7°♋00'03	17°56'03
	-1803 Aug 18 j 18:35	0°♌	
morning set	-1803 Aug 19 j 23:58	2°♌12'40	
superior conj	-1803 Aug 30 j 22:32	21°♌35'50	1°21'48
minimum elong	-1803 Aug 31 j 03:33	21°♌57'20	1°21'20
	-1803 Sep 04 j 21:55	0°♍	
max. Earth dist.	-1803 Sep 07 j 03:53	3°♍42'29	1.42785 AU
desc. node	-1803 Sep 13 j 16:28	14°♍10'46	
evening rise	-1803 Sep 14 j 12:47	15°♍30'35	
	-1803 Sep 24 j 00:01	0°♎	
greatest brilliancy	-1803 Oct 10 j 22:57	23°♎46'14	-0.4m
evening max el	-1803 Oct 15 j 20:37	29°♎22'45	21°40'57
	-1803 Oct 16 j 11:32	0°♏	
retrograde	-1803 Oct 24 j 20:23	4°♏43'15	
evening set	-1803 Oct 29 j 01:31	3°♏05'23	
asc. node	-1803 Oct 30 j 17:42	1°♏31'57	
	-1803 Nov 01 j 01:25	30°℞♎	
inferior conj	-1803 Nov 03 j 11:00	26°♎48'09	1°15'23
minimum elong	-1803 Nov 03 j 09:20	26°♎53'53	1°14'42
min. Earth dist.	-1803 Nov 03 j 15:45	26°♎31'45	0.67435 AU
morning rise	-1803 Nov 08 j 16:52	20°♎32'12	
direct	-1803 Nov 13 j 14:35	18°♎28'38	
morning max el	-1803 Nov 23 j 17:32	24°♎30'17	23°06'38
greatest brilliancy	-1803 Nov 28 j 16:31	0°♏04'08	-0.3m
	-1803 Nov 28 j 15:10	0°♏	
desc. node	-1803 Dec 10 j 15:48	16°♏11'56	
	-1803 Dec 19 j 20:15	0°♐	
morning set	-1803 Dec 28 j 07:39	13°♐38'21	
max. Earth dist.	-1802 Jan 01 j 20:17	21°♐18'53	1.39692 AU
	-1802 Jan 06 j 18:26	0°♑	
superior conj	-1802 Jan 09 j 12:57	5°♑02'56	-1°-56'-53
minimum elong	-1802 Jan 09 j 14:37	5°♑10'35	1°56'53
evening rise	-1802 Jan 19 j 02:09	23°♑07'52	
	-1802 Jan 22 j 16:56	0°♒	
asc. node	-1802 Jan 26 j 16:58	7°♒13'36	
evening max el	-1802 Feb 04 j 07:46	19°♒13'07	18°31'33
retrograde	-1802 Feb 11 j 22:31	22°♒56'36	
evening set	-1802 Feb 14 j 09:07	22°♒34'54	
inferior conj	-1802 Feb 21 j 20:39	18°♒04'14	3°25'13
minimum elong	-1802 Feb 22 j 00:18	17°♒57'02	3°24'35
min. Earth dist.	-1802 Feb 25 j 06:33	15°♒23'45	0.58503 AU
morning rise	-1802 Mar 01 j 11:45	12°♒41'48	
direct	-1802 Mar 07 j 12:57	11°♒08'30	
desc. node	-1802 Mar 08 j 14:53	11°♒11'27	
morning max el	-1802 Mar 21 j 20:16	18°♒43'33	26°38'12
	-1802 Mar 31 j 07:55	0°♓	
	-1802 Apr 17 j 20:49	0°♈	
morning set	-1802 Apr 20 j 06:44	4°♈57'56	
asc. node	-1802 Apr 24 j 16:20	14°♈23'10	
superior conj	-1802 Apr 27 j 08:34	20°♈14'34	0°27'54

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1802 Apr 27 j 07:21	20°♈07'56	0°27'40
max. Earth dist.	-1802 Apr 27 j 11:10	20°♈28'48	1.32492 AU
	-1802 May 01 j 20:06	0°♉	
evening rise	-1802 May 04 j 08:53	5°♉22'14	
	-1802 May 17 j 12:26	0°♊	
evening max el	-1802 Jun 03 j 02:25	21°♊48'38	26°36'54
desc. node	-1802 Jun 04 j 14:04	23°♊10'11	
retrograde	-1802 Jun 17 j 02:47	29°♊05'09	
evening set	-1802 Jun 23 j 17:55	27°♊12'39	
min. Earth dist.	-1802 Jun 27 j 15:45	24°♊33'51	0.60107 AU
inferior conj	-1802 Jun 30 j 23:55	21°♊51'32	-4°-31'-57
minimum elong	-1802 Jul 01 j 01:14	21°♊48'52	4°31'52
morning rise	-1802 Jul 08 j 11:49	17°♊11'20	
direct	-1802 Jul 10 j 23:06	16°♊48'34	
morning max el	-1802 Jul 18 j 08:58	20°♊24'19	18°13'31
asc. node	-1802 Jul 21 j 15:37	24°♊08'34	
	-1802 Jul 25 j 14:34	0°♋	
morning set	-1802 Aug 03 j 07:26	15°♋39'42	
	-1802 Aug 10 j 23:18	0°♌	
superior conj	-1802 Aug 12 j 21:36	3°♌31'04	1°40'48
minimum elong	-1802 Aug 13 j 00:31	3°♌44'15	1°40'39
max. Earth dist.	-1802 Aug 20 j 11:25	16°♌48'40	1.41010 AU
evening rise	-1802 Aug 25 j 13:01	25°♌14'40	
	-1802 Aug 28 j 11:50	0°♍	
desc. node	-1802 Aug 31 j 13:28	4°♍49'55	
	-1802 Sep 17 j 20:16	0°♎	
greatest brilliancy	-1802 Sep 23 j 07:16	7°♎00'16	-0.3m
evening max el	-1802 Sep 28 j 12:22	12°♎50'50	22°59'38
retrograde	-1802 Oct 08 j 14:26	18°♎49'33	
evening set	-1802 Oct 13 j 08:54	16°♎52'55	
asc. node	-1802 Oct 17 j 14:46	12°♎04'05	
inferior conj	-1802 Oct 18 j 17:53	10°♎31'16	0°23'20
minimum elong	-1802 Oct 18 j 17:20	10°♎33'10	0°23'06
min. Earth dist.	-1802 Oct 18 j 12:11	10°♎50'52	0.67554 AU
morning rise	-1802 Oct 24 j 01:45	4°♎18'05	
direct	-1802 Oct 28 j 08:48	2°♎36'54	
morning max el	-1802 Nov 06 j 07:24	7°♎53'14	21°42'03
greatest brilliancy	-1802 Nov 11 j 06:11	13°♎31'58	-0.4m
	-1802 Nov 23 j 05:48	0°♏	
desc. node	-1802 Nov 27 j 12:50	6°♏21'22	
morning set	-1802 Dec 08 j 03:10	22°♏42'53	
	-1802 Dec 12 j 15:41	0°♐	
max. Earth dist.	-1802 Dec 14 j 20:41	3°♐38'00	1.41721 AU
superior conj	-1802 Dec 22 j 10:23	16°♐30'33	-1°-57'-35
minimum elong	-1802 Dec 22 j 08:37	16°♐22'51	1°57'36
	-1802 Dec 29 j 23:33	0°♑	
evening rise	-1801 Jan 02 j 06:32	6°♑01'43	
asc. node	-1801 Jan 13 j 14:00	25°♑40'50	
	-1801 Jan 16 j 18:10	0°♒	
evening max el	-1801 Jan 18 j 16:32	2°♒07'25	18°10'48
retrograde	-1801 Jan 25 j 13:16	5°♒36'05	
evening set	-1801 Jan 28 j 03:28	5°♒06'57	
inferior conj	-1801 Feb 04 j 00:14	0°♒14'17	3°52'44
minimum elong	-1801 Feb 04 j 01:24	0°♒11'35	3°52'39
	-1801 Feb 04 j 06:27	30°℞♑	
min. Earth dist.	-1801 Feb 07 j 06:08	27°♑16'54	0.60556 AU
morning rise	-1801 Feb 10 j 20:29	24°♑31'49	
direct	-1801 Feb 17 j 14:53	22°♑21'30	
desc. node	-1801 Feb 23 j 11:58	23°♑51'05	
	-1801 Mar 03 j 17:07	0°♒	
morning max el	-1801 Mar 03 j 19:37	0°♒06'06	27°29'50
	-1801 Mar 25 j 06:53	0°♓	
morning set	-1801 Apr 04 j 14:28	19°♓43'10	
	-1801 Apr 09 j 10:47	0°♈	
max. Earth dist.	-1801 Apr 11 j 00:03	3°♈22'44	1.32486 AU
superior conj	-1801 Apr 11 j 20:01	5°♈11'52	0°02'57
minimum elong	-1801 Apr 11 j 19:53	5°♈11'08	0°02'55
behind sun begin	-1801 Apr 11 j 14:55	4°♈43'59	
behind sun end	-1801 Apr 12 j 00:51	5°♈38'18	
asc. node	-1801 Apr 11 j 13:22	4°♈35'28	
evening rise	-1801 Apr 18 j 19:19	20°♈17'38	
	-1801 Apr 23 j 13:45	0°♉	
	-1801 May 12 j 22:22	0°♊	
evening max el	-1801 May 15 j 22:13	3°♊06'12	25°27'12
desc. node	-1801 May 22 j 11:06	8°♊07'01	
retrograde	-1801 May 29 j 23:25	10°♊17'16	
evening set	-1801 Jun 04 j 14:11	9°♊03'13	
min. Earth dist.	-1801 Jun 09 j 10:13	6°♊18'35	0.58083 AU
inferior conj	-1801 Jun 12 j 15:23	4°♊03'24	-4°-26'-10
minimum elong	-1801 Jun 12 j 12:46	4°♊08'02	4°25'56
	-1801 Jun 19 j 19:38	30°℞♉	
morning rise	-1801 Jun 20 j 15:15	29°♉45'42	
direct	-1801 Jun 23 j 03:28	29°♉26'12	
	-1801 Jun 26 j 08:21	0°♊	
morning max el	-1801 Jul 01 j 13:54	3°♊23'53	18°51'18
asc. node	-1801 Jul 08 j 12:41	12°♊16'55	
morning set	-1801 Jul 18 j 01:56	29°♊40'14	
	-1801 Jul 18 j 05:58	0°♋	
superior conj	-1801 Jul 26 j 17:00	16°♋28'02	1°47'59
minimum elong	-1801 Jul 26 j 17:33	16°♋30'40	1°48'00
max. Earth dist.	-1801 Aug 02 j 14:26	29°♋11'00	1.39029 AU
	-1801 Aug 03 j 01:27	0°♌	
evening rise	-1801 Aug 06 j 14:19	6°♌10'09	
desc. node	-1801 Aug 18 j 10:28	25°♌19'38	
	-1801 Aug 21 j 13:02	0°♍	
evening max el	-1801 Sep 11 j 00:31	26°♍21'21	24°19'47
	-1801 Sep 15 j 04:06	0°♎	
retrograde	-1801 Sep 22 j 05:02	2°♎55'04	
evening set	-1801 Sep 27 j 14:06	0°♎39'37	
	-1801 Sep 28 j 07:30	30°℞♍	
min. Earth dist.	-1801 Oct 02 j 07:58	25°♍11'21	0.67358 AU
inferior conj	-1801 Oct 03 j 00:02	24°♍17'17	0°-30'-49
minimum elong	-1801 Oct 03 j 00:47	24°♍14'47	0°30'30
asc. node	-1801 Oct 04 j 11:51	22°♍18'48	
morning rise	-1801 Oct 08 j 11:45	18°♍09'34	
direct	-1801 Oct 12 j 05:43	16°♍49'10	
morning max el	-1801 Oct 20 j 04:20	21°♍25'53	20°26'33
greatest brilliancy	-1801 Oct 26 j 15:06	29°♍10'00	-0.5m
	-1801 Oct 27 j 05:59	0°♎	
desc. node	-1801 Nov 14 j 09:52	26°♎46'20	
	-1801 Nov 16 j 12:06	0°♏	
morning set	-1801 Nov 17 j 02:27	0°♏55'33	
max. Earth dist.	-1801 Nov 27 j 04:27	16°♏50'00	1.43398 AU
superior conj	-1801 Dec 03 j 06:12	26°♏44'52	-1°-43'-7
minimum elong	-1801 Dec 03 j 00:07	26°♏19'40	1°42'43
	-1801 Dec 05 j 05:04	0°♐	
evening rise	-1801 Dec 15 j 18:56	18°♐09'23	
	-1801 Dec 22 j 14:27	0°♑	
asc. node	-1801 Dec 31 j 11:05	13°♑23'53	
evening max el	-1800 Jan 02 j 04:32	15°♑18'25	18°09'38
retrograde	-1800 Jan 08 j 17:33	18°♑45'50	
evening set	-1800 Jan 11 j 11:21	18°♑08'21	
inferior conj	-1800 Jan 17 j 20:31	12°♑54'36	3°54'22
minimum elong	-1800 Jan 17 j 19:29	12°♑57'18	3°54'17
min. Earth dist.	-1800 Jan 20 j 14:27	10°♑03'32	0.62538 AU
morning rise	-1800 Jan 24 j 01:35	6°♑58'50	
direct	-1800 Jan 31 j 02:09	4°♑20'59	
desc. node	-1800 Feb 10 j 09:02	8°♑52'41	
morning max el	-1800 Feb 14 j 00:56	12°♑10'03	27°45'14
	-1800 Feb 28 j 05:41	0°♒	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1800 Mar 16 j 14:56	0°♓	
morning set	-1800 Mar 18 j 17:02	4°♓09'53	
max. Earth dist.	-1800 Mar 24 j 09:13	16°♓00'46	1.32848 AU
	-1800 Mar 26 j 05:40	20°♓00'06	0°-22'-59
superior conj			
minimum elong	-1800 Mar 26 j 06:44	20°♓05'53	0°22'47
asc. node	-1800 Mar 28 j 10:25	24°♓46'14	
	-1800 Mar 30 j 20:23	0°♈	
evening rise	-1800 Apr 02 j 07:04	5°♈13'12	
	-1800 Apr 15 j 14:46	0°♉	
evening max el	-1800 Apr 26 j 13:33	13°♉51'23	23°57'54
desc. node	-1800 May 08 j 08:08	20°♉37'29	
retrograde	-1800 May 10 j 08:37	20°♉46'49	
evening set	-1800 May 14 j 13:58	20°♉07'13	
min. Earth dist.	-1800 May 21 j 00:46	17°♉01'31	0.56359 AU
inferior conj	-1800 May 23 j 10:39	15°♉32'27	-3°-42'-34
minimum elong	-1800 May 23 j 04:28	15°♉42'02	3°41'16
morning rise	-1800 May 31 j 22:49	11°♉32'05	
direct	-1800 Jun 03 j 12:30	11°♉14'57	
morning max el	-1800 Jun 13 j 09:46	15°♉49'31	19°49'51
	-1800 Jun 23 j 18:56	0°♊	
asc. node	-1800 Jun 24 j 09:45	1°♊05'18	
morning set	-1800 Jul 01 j 04:12	14°♊05'40	
superior conj	-1800 Jul 09 j 03:15	0°♋10'56	1°45'52
minimum elong	-1800 Jul 09 j 02:01	0°♋04'51	1°45'51
	-1800 Jul 09 j 01:03	0°♋	
max. Earth dist.	-1800 Jul 14 j 17:43	11°♋02'53	1.37106 AU
evening rise	-1800 Jul 18 j 15:47	18°♋16'39	
	-1800 Jul 25 j 09:59	0°♌	
desc. node	-1800 Aug 04 j 07:29	15°♌34'40	
	-1800 Aug 14 j 18:19	0°♍	
evening max el	-1800 Aug 23 j 11:34	9°♍54'57	25°34'08
retrograde	-1800 Sep 04 j 15:20	16°♍54'53	
evening set	-1800 Sep 10 j 15:16	14°♍22'59	
min. Earth dist.	-1800 Sep 15 j 00:39	9°♍30'53	0.66847 AU
inferior conj	-1800 Sep 16 j 03:41	8°♍03'47	-1°-25'-32
minimum elong	-1800 Sep 16 j 05:47	7°♍57'04	1°24'41
asc. node	-1800 Sep 20 j 08:57	3°♍13'43	
morning rise	-1800 Sep 21 j 20:57	2°♍04'30	
direct	-1800 Sep 25 j 03:59	1°♍01'44	
morning max el	-1800 Oct 02 j 08:38	5°♍07'25	19°24'07
greatest brilliancy	-1800 Oct 11 j 21:23	17°♍30'10	-0.7m
	-1800 Oct 20 j 03:07	0°♎	
morning set	-1800 Oct 26 j 03:56	9°♎21'59	
desc. node	-1800 Oct 31 j 06:53	17°♎21'31	
	-1800 Nov 08 j 08:04	0°♏	
max. Earth dist.	-1800 Nov 08 j 18:19	0°♏40'32	1.44516 AU
superior conj	-1800 Nov 11 j 23:15	5°♏45'55	-1°-10'-55
minimum elong	-1800 Nov 11 j 15:39	5°♏15'37	1°10'06
evening rise	-1800 Nov 26 j 10:43	29°♏21'07	
	-1800 Nov 26 j 20:05	0°♐	
evening max el	-1800 Dec 15 j 16:58	28°♐38'43	18°27'17
asc. node	-1800 Dec 17 j 08:09	0°♑09'01	
	-1800 Dec 17 j 03:48	0°♑	
retrograde	-1800 Dec 22 j 06:48	2°♑15'53	
evening set	-1800 Dec 25 j 05:07	1°♑28'46	
	-1800 Dec 27 j 07:56	30°℞♐	
inferior conj	-1800 Dec 31 j 05:28	25°♐55'56	3°37'37
minimum elong	-1800 Dec 31 j 03:04	26°♐02'55	3°37'12
min. Earth dist.	-1799 Jan 02 j 08:29	23°♐28'45	0.64256 AU
morning rise	-1799 Jan 05 j 23:37	19°♐51'17	
direct	-1799 Jan 12 j 21:02	17°♐00'49	
morning max el	-1799 Jan 26 j 09:40	24°♐47'03	27°24'52
desc. node	-1799 Jan 27 j 06:06	25°♐38'52	
	-1799 Jan 31 j 04:14	0°♑	

	-1799 Feb 20 j 15:19	0°♒	
morning set	-1799 Mar 02 j 11:38	18°♒08'17	
max. Earth dist.	-1799 Mar 07 j 10:33	28°♒09'14	1.33615 AU
	-1799 Mar 08 j 07:50	0°♓	
superior conj	-1799 Mar 10 j 11:35	4°♓32'36	0°-48'-53
minimum elong	-1799 Mar 10 j 13:50	4°♓44'30	0°48'29
asc. node	-1799 Mar 15 j 07:29	14°♓50'57	
evening rise	-1799 Mar 17 j 18:17	20°♓02'02	
	-1799 Mar 22 j 16:27	0°♈	
evening max el	-1799 Apr 08 j 06:32	24°♈30'58	22°23'18
	-1799 Apr 16 j 11:32	0°♉	
retrograde	-1799 Apr 21 j 05:12	0°♉51'32	
evening set	-1799 Apr 24 j 04:19	0°♉32'14	
desc. node	-1799 Apr 25 j 05:10	0°♉16'51	
	-1799 Apr 26 j 02:57	30°℞♈	
min. Earth dist.	-1799 May 02 j 14:22	26°♈53'46	0.55286 AU
inferior conj	-1799 May 03 j 12:36	26°♈22'15	-2°-16'00
minimum elong	-1799 May 03 j 06:47	26°♈30'29	2°14'10
morning rise	-1799 May 12 j 11:15	22°♈26'48	
direct	-1799 May 15 j 05:22	22°♈09'27	
morning max el	-1799 May 26 j 18:45	27°♈33'47	21°08'08
	-1799 May 29 j 04:04	0°♉	
asc. node	-1799 Jun 11 j 06:48	20°♉23'54	
morning set	-1799 Jun 15 j 11:44	28°♉49'12	
	-1799 Jun 16 j 01:27	0°♊	
superior conj	-1799 Jun 22 j 23:57	14°♊26'53	1°36'39
minimum elong	-1799 Jun 22 j 21:42	14°♊15'18	1°36'29
max. Earth dist.	-1799 Jun 27 j 03:42	22°♊52'47	1.35442 AU
	-1799 Jun 30 j 19:26	0°♋	
evening rise	-1799 Jul 01 j 12:40	1°♋21'48	
	-1799 Jul 18 j 10:37	0°♌	
desc. node	-1799 Jul 22 j 04:29	5°♌28'21	
evening max el	-1799 Aug 05 j 23:08	23°♌28'45	26°34'45
	-1799 Aug 15 j 04:14	0°♍	
retrograde	-1799 Aug 18 j 20:38	0°♍43'34	
	-1799 Aug 22 j 07:17	30°℞♌	
evening set	-1799 Aug 25 j 10:17	28°♌00'33	
min. Earth dist.	-1799 Aug 29 j 11:51	23°♌46'21	0.65993 AU
inferior conj	-1799 Aug 31 j 02:56	21°♌48'26	-2°-18'-57
minimum elong	-1799 Aug 31 j 06:15	21°♌38'24	2°17'44
morning rise	-1799 Sep 06 j 03:18	16°♌00'43	
asc. node	-1799 Sep 07 j 06:00	15°♌30'50	
direct	-1799 Sep 09 j 01:49	15°♌11'58	
morning max el	-1799 Sep 15 j 19:01	18°♌55'30	18°37'14
	-1799 Sep 24 j 04:27	0°♍	
morning set	-1799 Oct 06 j 04:16	18°♍59'36	
	-1799 Oct 13 j 01:42	0°♎	
desc. node	-1799 Oct 18 j 03:55	8°♎03'44	
superior conj	-1799 Oct 22 j 00:05	14°♎06'46	0°-24'-38
minimum elong	-1799 Oct 21 j 20:49	13°♎53'56	0°24'14
max. Earth dist.	-1799 Oct 22 j 12:05	14°♎54'03	1.44945 AU
	-1799 Nov 01 j 02:09	0°♏	
evening rise	-1799 Nov 07 j 02:37	9°♏32'31	
	-1799 Nov 20 j 02:06	0°♐	
evening max el	-1799 Nov 29 j 03:21	12°♐04'07	19°02'32
asc. node	-1799 Dec 04 j 05:12	15°♐41'47	
retrograde	-1799 Dec 06 j 01:24	16°♐00'38	
evening set	-1799 Dec 09 j 05:47	15°♐02'03	
inferior conj	-1799 Dec 14 j 23:37	9°♐12'35	3°07'59
minimum elong	-1799 Dec 14 j 20:41	9°♐21'47	3°07'12
min. Earth dist.	-1799 Dec 16 j 11:49	7°♐19'23	0.65619 AU
morning rise	-1799 Dec 20 j 10:39	3°♐01'54	
direct	-1799 Dec 26 j 22:14	0°♐13'25	
morning max el	-1798 Jan 08 j 19:10	7°♐45'49	26°34'10

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1798 Jan 14 j 03:10	13°♐39'53		
	-1798 Jan 26 j 04:02	0°♑		
	-1798 Feb 13 j 00:09	0°♒		
morning set	-1798 Feb 13 j 18:40	1°♒27'07		
max. Earth dist.	-1798 Feb 18 j 00:55	9°♒42'27	1.34828 AU	
superior conj	-1798 Feb 22 j 11:36	18°♒42'23	-1°-13'-30	
minimum elong	-1798 Feb 22 j 14:47	18°♒58'46	1°13'01	
	-1798 Feb 27 j 21:38	0°♓		
evening rise	-1798 Mar 02 j 03:08	4°♓38'04		
asc. node	-1798 Mar 02 j 04:31	4°♓45'11		
	-1798 Mar 16 j 11:40	0°♈		
evening max el	-1798 Mar 21 j 07:16	5°♈31'23	20°56'13	
retrograde	-1798 Apr 01 j 18:17	11°♈01'43		
evening set	-1798 Apr 04 j 01:46	10°♈49'09		
desc. node	-1798 Apr 12 j 02:14	7°♈32'27		
inferior conj	-1798 Apr 13 j 07:14	6°♈51'29	0°-20'-30	
minimum elong	-1798 Apr 13 j 06:16	6°♈52'52	0°20'09	
min. Earth dist.	-1798 Apr 14 j 03:58	6°♈22'01	0.55114 AU	
morning rise	-1798 Apr 22 j 09:47	2°♈43'32		
direct	-1798 Apr 25 j 16:45	2°♈20'04		
morning max el	-1798 May 08 j 17:15	8°♈36'40	22°41'57	
	-1798 May 23 j 23:19	0°♉		
asc. node	-1798 May 29 j 03:50	10°♉04'26		
morning set	-1798 May 30 j 22:22	13°♉44'01		
superior conj	-1798 Jun 07 j 03:45	29°♉05'02	1°22'02	
minimum elong	-1798 Jun 07 j 01:10	28°♉51'20	1°21'43	
	-1798 Jun 07 j 14:07	0°♊		
max. Earth dist.	-1798 Jun 09 j 23:30	5°♊01'12	1.34138 AU	
evening rise	-1798 Jun 14 j 23:50	15°♊10'20		
	-1798 Jun 22 j 23:13	0°♋		
desc. node	-1798 Jul 09 j 01:30	24°♋50'36		
	-1798 Jul 13 j 03:10	0°♌		
evening max el	-1798 Jul 19 j 10:51	6°♌52'27	27°13'54	
retrograde	-1798 Aug 01 j 20:20	14°♌12'46		
evening set	-1798 Aug 08 j 20:30	11°♌27'17		
min. Earth dist.	-1798 Aug 12 j 15:10	7°♌50'37	0.64772 AU	
inferior conj	-1798 Aug 14 j 19:30	5°♌25'47	-3°-8'-48	
minimum elong	-1798 Aug 14 j 23:39	5°♌14'15	3°07'34	
	-1798 Aug 20 j 22:48	30°℞♋		
morning rise	-1798 Aug 21 j 04:23	29°♋53'13		
direct	-1798 Aug 23 j 20:52	29°♋15'02		
asc. node	-1798 Aug 25 j 03:02	29°♋23'26		
	-1798 Aug 26 j 19:13	0°♌		
morning max el	-1798 Aug 30 j 09:12	2°♌44'52	18°07'09	
morning set	-1798 Sep 17 j 08:44	29°♌59'31		
	-1798 Sep 17 j 08:51	0°♍		
superior conj	-1798 Oct 01 j 06:08	22°♍47'40	0°24'24	
minimum elong	-1798 Oct 01 j 09:02	22°♍59'16	0°24'01	
desc. node	-1798 Oct 05 j 00:56	28°♍49'16		
max. Earth dist.	-1798 Oct 05 j 06:41	29°♍12'03	1.44633 AU	
	-1798 Oct 05 j 18:49	0°♎		
evening rise	-1798 Oct 17 j 19:59	18°♎49'15		
	-1798 Oct 25 j 02:09	0°♏		
greatest brilliancy	-1798 Nov 04 j 23:09	16°♏11'18	-0.6m	
evening max el	-1798 Nov 12 j 09:33	25°♏31'21	19°53'47	
retrograde	-1798 Nov 19 j 22:30	29°♏55'41		
asc. node	-1798 Nov 21 j 02:13	29°♏48'01		
evening set	-1798 Nov 23 j 10:52	28°♏43'30		
inferior conj	-1798 Nov 29 j 00:08	22°♏40'22	2°29'11	
minimum elong	-1798 Nov 28 j 21:20	22°♏49'40	2°28'14	
min. Earth dist.	-1798 Nov 29 j 22:53	21°♏25'02	0.66600 AU	
morning rise	-1798 Dec 04 j 07:11	16°♏25'48		
direct	-1798 Dec 10 j 04:57	13°♏50'25		
morning max el	-1798 Dec 22 j 04:03	20°♏56'16	25°21'37	
	-1798 Dec 30 j 00:46	0°♐		
desc. node	-1797 Jan 01 j 00:15	2°♐33'55		
	-1797 Jan 19 j 08:50	0°♑		
morning set	-1797 Jan 27 j 09:19	13°♑52'25		
max. Earth dist.	-1797 Jan 31 j 04:04	20°♑50'26	1.36484 AU	
	-1797 Feb 04 j 22:18	0°♒		
superior conj	-1797 Feb 06 j 02:54	2°♒21'19	-1°-35'-4	
minimum elong	-1797 Feb 06 j 06:25	2°♒38'51	1°34'42	
evening rise	-1797 Feb 14 j 07:35	18°♒55'00		
asc. node	-1797 Feb 17 j 01:32	24°♒23'57		
	-1797 Feb 19 j 23:48	0°♓		
evening max el	-1797 Mar 03 j 18:43	17°♓06'55	19°44'47	
retrograde	-1797 Mar 13 j 12:47	21°♓46'23		
evening set	-1797 Mar 15 j 17:47	21°♓33'08		
inferior conj	-1797 Mar 24 j 08:59	17°♓30'20	1°31'47	
minimum elong	-1797 Mar 24 j 12:38	17°♓24'37	1°30'36	
min. Earth dist.	-1797 Mar 26 j 18:09	16°♓01'16	0.55876 AU	
desc. node	-1797 Mar 29 j 23:17	14°♓13'00		
morning rise	-1797 Apr 02 j 04:14	12°♓54'24		
direct	-1797 Apr 06 j 10:31	12°♓14'00		
morning max el	-1797 Apr 20 j 09:13	19°♓13'07	24°22'07	
	-1797 Apr 29 j 09:32	0°♈		
morning set	-1797 May 15 j 10:24	28°♈44'28		
asc. node	-1797 May 16 j 00:52	0°♉00'45		
	-1797 May 16 j 00:44	0°♉		
superior conj	-1797 May 22 j 12:09	13°♉57'32	1°03'20	
minimum elong	-1797 May 22 j 09:48	13°♉44'45	1°02'57	
max. Earth dist.	-1797 May 24 j 04:16	17°♉33'44	1.33213 AU	
evening rise	-1797 May 29 j 21:12	29°♉30'02		
	-1797 May 30 j 03:08	0°♊		
	-1797 Jun 16 j 01:35	0°♋		
desc. node	-1797 Jun 25 j 22:29	13°♋28'08		
evening max el	-1797 Jul 01 j 20:48	19°♋53'09	27°24'56	
retrograde	-1797 Jul 15 j 14:00	27°♋13'57		
evening set	-1797 Jul 22 j 18:36	24°♋37'55		
min. Earth dist.	-1797 Jul 26 j 08:48	21°♋33'47	0.63183 AU	
inferior conj	-1797 Jul 29 j 02:40	18°♋50'01	-3°-51'-48	
minimum elong	-1797 Jul 29 j 06:52	18°♋39'31	3°50'53	
morning rise	-1797 Aug 04 j 21:19	13°♋35'57		
direct	-1797 Aug 07 j 10:05	13°♋05'29		
asc. node	-1797 Aug 12 j 00:05	14°♋46'15		
morning max el	-1797 Aug 14 j 00:33	16°♋30'06	17°54'47	
	-1797 Aug 23 j 13:43	0°♌		
morning set	-1797 Aug 30 j 13:25	12°♌08'28		
	-1797 Sep 09 j 21:32	0°♍		
superior conj	-1797 Sep 11 j 11:21	2°♍38'30	1°04'43	
minimum elong	-1797 Sep 11 j 16:43	3°♍00'52	1°04'06	
max. Earth dist.	-1797 Sep 17 j 22:30	13°♍14'10	1.43627 AU	
desc. node	-1797 Sep 21 j 21:55	19°♍34'53		
evening rise	-1797 Sep 27 j 01:43	27°♍38'59		
	-1797 Sep 28 j 14:16	0°♎		
	-1797 Oct 19 j 00:33	0°♏		
greatest brilliancy	-1797 Oct 20 j 21:19	2°♏27'44	-0.5m	
evening max el	-1797 Oct 26 j 10:04	8°♏58'16	20°58'42	
retrograde	-1797 Nov 03 j 19:51	13°♏57'21		
evening set	-1797 Nov 07 j 18:15	12°♏29'21		
asc. node	-1797 Nov 07 j 23:15	12°♏19'42		
inferior conj	-1797 Nov 13 j 04:39	6°♏15'59	1°43'45	
minimum elong	-1797 Nov 13 j 02:28	6°♏23'28	1°42'53	
min. Earth dist.	-1797 Nov 13 j 15:34	5°♏38'38	0.67223 AU	
morning rise	-1797 Nov 18 j 10:18	29°♎59'47		
	-1797 Nov 18 j 10:12	30°℞♎		
direct	-1797 Nov 23 j 16:42	27°♎43'54		
	-1797 Nov 29 j 16:20	0°♏		

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1797 Dec 04 j 12:44	4°♏11'32	23°56'56
desc. node	-1797 Dec 18 j 21:17	22°♏05'11	
	-1797 Dec 24 j 08:20	0°♐	
morning set	-1796 Jan 09 j 01:30	25°♐07'17	
	-1796 Jan 11 j 20:54	0°♑	
max. Earth dist.	-1796 Jan 13 j 00:05	2°♑00'12	1.38477 AU
superior conj	-1796 Jan 20 j 05:46	15°♑18'38	-1°-51'-15
minimum elong	-1796 Jan 20 j 08:34	15°♑31'55	1°51'08
	-1796 Jan 27 j 19:27	0°♒	
evening rise	-1796 Jan 29 j 05:08	2°♒45'15	
asc. node	-1796 Feb 03 j 22:34	13°♒40'48	
evening max el	-1796 Feb 14 j 16:22	29°♒17'59	18°52'29
	-1796 Feb 15 j 10:40	0°♓	
retrograde	-1796 Feb 22 j 23:03	3°♓17'39	
evening set	-1796 Feb 25 j 07:07	2°♓59'50	
	-1796 Mar 02 j 07:44	30°℞♒	
inferior conj	-1796 Mar 04 j 04:27	28°♒40'57	2°54'24
minimum elong	-1796 Mar 04 j 09:00	28°♒32'43	2°53'19
min. Earth dist.	-1796 Mar 07 j 10:18	26°♒21'03	0.57399 AU
morning rise	-1796 Mar 12 j 06:51	23°♒33'16	
desc. node	-1796 Mar 15 j 20:21	22°♒30'32	
direct	-1796 Mar 17 j 17:19	22°♒21'57	
morning max el	-1796 Apr 01 j 00:33	29°♒48'29	25°54'36
	-1796 Apr 01 j 05:18	0°♓	
	-1796 Apr 22 j 00:34	0°♈	
morning set	-1796 Apr 28 j 22:08	13°♈43'48	
asc. node	-1796 May 01 j 21:55	20°♈06'46	
superior conj	-1796 May 05 j 23:07	28°♈56'45	0°41'32
minimum elong	-1796 May 05 j 21:24	28°♈47'20	0°41'12
	-1796 May 06 j 10:41	0°♉	
max. Earth dist.	-1796 May 06 j 14:52	0°♉22'53	1.32648 AU
evening rise	-1796 May 13 j 01:32	14°♉10'00	
	-1796 May 21 j 04:40	0°♊	
	-1796 Jun 10 j 19:32	0°♋	
desc. node	-1796 Jun 11 j 19:30	1°♋02'12	
evening max el	-1796 Jun 13 j 02:30	2°♋18'30	27°03'51
retrograde	-1796 Jun 27 j 01:04	9°♋37'52	
evening set	-1796 Jul 04 j 00:31	7°♋25'36	
min. Earth dist.	-1796 Jul 07 j 16:20	4°♋42'21	0.61278 AU
inferior conj	-1796 Jul 10 j 21:14	1°♋53'40	-4°-22'-43
minimum elong	-1796 Jul 11 j 00:07	1°♋47'18	4°22'21
	-1796 Jul 13 j 02:39	30°℞♊	
morning rise	-1796 Jul 18 j 02:39	27°♊00'54	
direct	-1796 Jul 20 j 13:51	26°♊35'55	
morning max el	-1796 Jul 27 j 14:14	0°♋04'39	18°01'05
	-1796 Jul 27 j 12:18	0°♋	
asc. node	-1796 Jul 28 j 21:10	1°♋25'33	
morning set	-1796 Aug 12 j 12:37	25°♋10'56	
	-1796 Aug 15 j 03:27	0°♌	
superior conj	-1796 Aug 22 j 20:12	13°♌51'32	1°31'28
minimum elong	-1796 Aug 23 j 00:27	14°♌10'11	1°31'07
max. Earth dist.	-1796 Aug 30 j 08:47	26°♌42'30	1.42068 AU
	-1796 Sep 01 j 08:42	0°♍	
evening rise	-1796 Sep 05 j 14:31	6°♍50'39	
desc. node	-1796 Sep 07 j 18:54	10°♍17'32	
	-1796 Sep 20 j 20:32	0°♎	
greatest brilliancy	-1796 Oct 03 j 11:00	17°♎05'03	-0.3m
evening max el	-1796 Oct 08 j 04:40	22°♎25'33	22°13'48
retrograde	-1796 Oct 17 j 15:38	28°♎03'04	
evening set	-1796 Oct 22 j 02:09	26°♎17'23	
asc. node	-1796 Oct 24 j 20:19	23°♎26'49	
inferior conj	-1796 Oct 27 j 11:13	19°♎57'33	0°53'40
minimum elong	-1796 Oct 27 j 10:00	20°♎01'46	0°53'09
min. Earth dist.	-1796 Oct 27 j 11:28	19°♎56'43	0.67519 AU
morning rise	-1796 Nov 01 j 17:41	13°♎42'15	
direct	-1796 Nov 06 j 08:54	11°♎48'24	
morning max el	-1796 Nov 15 j 23:43	17°♎31'06	22°29'51
greatest brilliancy	-1796 Nov 20 j 15:37	22°♎45'23	-0.3m
	-1796 Nov 26 j 06:15	0°♏	
desc. node	-1796 Dec 04 j 18:19	12°♏03'13	
	-1796 Dec 16 j 11:21	0°♐	
morning set	-1796 Dec 19 j 13:38	4°♐59'16	
max. Earth dist.	-1796 Dec 24 j 20:31	13°♐46'13	1.40578 AU
superior conj	-1795 Jan 01 j 15:32	27°♐23'03	-1°-58'-45
minimum elong	-1795 Jan 01 j 15:57	27°♐24'58	1°58'49
	-1795 Jan 03 j 02:13	0°♑	
evening rise	-1795 Jan 11 j 16:50	16°♑02'00	
	-1795 Jan 19 j 08:05	0°♒	
asc. node	-1795 Jan 20 j 19:36	2°♒28'47	
evening max el	-1795 Jan 27 j 21:58	11°♒59'13	18°20'17
retrograde	-1795 Feb 04 j 03:49	15°♒34'35	
evening set	-1795 Feb 06 j 15:53	15°♒09'59	
inferior conj	-1795 Feb 13 j 20:47	10°♒30'17	3°40'33
minimum elong	-1795 Feb 13 j 23:26	10°♒24'43	3°40'13
min. Earth dist.	-1795 Feb 17 j 06:32	7°♒39'12	0.59368 AU
morning rise	-1795 Feb 21 j 03:30	4°♒58'05	
direct	-1795 Feb 27 j 13:23	3°♒08'05	
desc. node	-1795 Mar 02 j 17:27	3°♒34'01	
morning max el	-1795 Mar 13 j 20:14	10°♒48'51	27°04'17
	-1795 Mar 28 j 17:22	0°♓	
morning set	-1795 Apr 13 j 07:51	28°♓35'53	
	-1795 Apr 13 j 23:56	0°♈	
asc. node	-1795 Apr 18 j 18:58	10°♈17'59	
superior conj	-1795 Apr 20 j 10:53	13°♈56'29	0°17'29
minimum elong	-1795 Apr 20 j 10:06	13°♈52'14	0°17'19
max. Earth dist.	-1795 Apr 20 j 03:51	13°♈17'57	1.32439 AU
evening rise	-1795 Apr 27 j 10:21	29°♈01'51	
	-1795 Apr 27 j 21:28	0°♉	
	-1795 May 14 j 15:13	0°♊	
evening max el	-1795 May 26 j 02:08	14°♊00'58	26°10'30
desc. node	-1795 May 29 j 16:33	17°♊06'05	
retrograde	-1795 Jun 09 j 03:52	21°♊16'30	
evening set	-1795 Jun 15 j 09:51	19°♊40'08	
min. Earth dist.	-1795 Jun 19 j 15:03	17°♊00'46	0.59221 AU
inferior conj	-1795 Jun 22 j 23:33	14°♊27'15	-4°-33'-28
minimum elong	-1795 Jun 22 j 23:20	14°♊27'40	4°33'26
morning rise	-1795 Jun 30 j 16:28	9°♊56'51	
direct	-1795 Jul 03 j 03:51	9°♊35'43	
morning max el	-1795 Jul 10 j 23:12	13°♊19'36	18°27'05
asc. node	-1795 Jul 15 j 18:15	19°♊05'28	
	-1795 Jul 22 j 08:02	0°♋	
morning set	-1795 Jul 27 j 01:16	8°♋53'21	
superior conj	-1795 Aug 05 j 04:38	26°♋15'01	1°45'08
minimum elong	-1795 Aug 05 j 06:30	26°♋23'42	1°45'05
	-1795 Aug 07 j 05:41	0°♌	
max. Earth dist.	-1795 Aug 12 j 13:36	9°♌27'58	1.40173 AU
evening rise	-1795 Aug 17 j 01:05	17°♌04'16	
	-1795 Aug 25 j 02:09	0°♍	
desc. node	-1795 Aug 25 j 15:54	0°♍53'16	
	-1795 Sep 15 j 11:00	0°♎	
evening max el	-1795 Sep 20 j 18:38	5°♎54'46	23°34'00
retrograde	-1795 Oct 01 j 08:23	12°♎09'22	
evening set	-1795 Oct 06 j 08:49	10°♎04'54	
inferior conj	-1795 Oct 11 j 18:02	3°♎42'29	0°00'32
minimum elong	-1795 Oct 11 j 18:01	3°♎42'32	0°00'32
transit middle	-1795 Oct 11 j 18:01	3°♎42'32	0°00'32
transit begin	-1795 Oct 11 j 15:18	3°♎51'48	
transit end	-1795 Oct 11 j 20:43	3°♎33'16	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1795 Oct 11 j 08:02	4°♎16'41	0.67509 AU
asc. node	-1795 Oct 11 j 17:25	3°♎44'36	
	-1795 Oct 14 j 14:32	30°℞♍	
morning rise	-1795 Oct 17 j 03:18	27°♍30'59	
direct	-1795 Oct 21 j 04:34	25°♍58'48	
	-1795 Oct 28 j 16:46	0°♎	
morning max el	-1795 Oct 29 j 16:17	0°♎57'35	21°08'24
greatest brilliancy	-1795 Nov 04 j 03:41	7°♎19'25	-0.5m
	-1795 Nov 20 j 02:21	0°♏	
desc. node	-1795 Nov 21 j 15:20	2°♏19'47	
morning set	-1795 Nov 28 j 22:25	13°♏34'45	
max. Earth dist.	-1795 Dec 06 j 23:29	26°♏26'50	1.42496 AU
	-1795 Dec 09 j 03:21	0°♐	
superior conj	-1795 Dec 14 j 02:36	8°♐20'42	-1°-53'-32
minimum elong	-1795 Dec 13 j 22:57	8°♐05'11	1°53'25
evening rise	-1795 Dec 25 j 14:53	28°♐36'45	
	-1795 Dec 26 j 09:23	0°♑	
asc. node	-1794 Jan 07 j 16:39	20°♑38'39	
evening max el	-1794 Jan 11 j 08:32	25°♑01'53	18°08'00
retrograde	-1794 Jan 18 j 00:41	28°♑28'06	
evening set	-1794 Jan 20 j 16:27	27°♑55'28	
inferior conj	-1794 Jan 27 j 07:56	22°♑53'53	3°56'04
minimum elong	-1794 Jan 27 j 08:05	22°♑53'32	3°56'02
min. Earth dist.	-1794 Jan 30 j 09:30	19°♑56'30	0.61429 AU
morning rise	-1794 Feb 02 j 21:13	17°♑05'21	
direct	-1794 Feb 09 j 19:47	14°♑41'25	
desc. node	-1794 Feb 17 j 14:32	17°♑18'23	
morning max el	-1794 Feb 23 j 22:04	22°♑28'26	27°40'51
	-1794 Mar 02 j 14:19	0°♒	
	-1794 Mar 21 j 19:03	0°♓	
morning set	-1794 Mar 28 j 13:40	13°♓14'13	
max. Earth dist.	-1794 Apr 03 j 15:33	26°♓06'28	1.32590 AU
superior conj	-1794 Apr 04 j 21:48	28°♓51'02	0°-8'00
minimum elong	-1794 Apr 04 j 22:10	28°♓53'03	0°07'56
behind sun begin	-1794 Apr 04 j 17:45	28°♓28'55	
behind sun end	-1794 Apr 05 j 02:36	29°♓17'11	
	-1794 Apr 05 j 10:27	0°♈	
asc. node	-1794 Apr 05 j 16:01	0°♈30'23	
evening rise	-1794 Apr 11 j 21:35	13°♈58'32	
	-1794 Apr 20 j 00:10	0°♉	
evening max el	-1794 May 07 j 19:48	25°♉03'35	24°50'57
	-1794 May 14 j 06:47	0°♊	
desc. node	-1794 May 16 j 13:36	1°♊05'41	
retrograde	-1794 May 21 j 19:44	2°♊09'15	
evening set	-1794 May 26 j 20:41	1°♊11'24	
	-1794 May 29 j 11:27	30°℞♉	
min. Earth dist.	-1794 Jun 01 j 07:39	28°♉19'17	0.57286 AU
inferior conj	-1794 Jun 04 j 06:34	26°♉22'06	-4°-12'-57
minimum elong	-1794 Jun 04 j 02:10	26°♉29'25	4°12'21
morning rise	-1794 Jun 12 j 11:35	22°♉12'22	
direct	-1794 Jun 15 j 00:21	21°♉53'58	
morning max el	-1794 Jun 24 j 00:31	26°♉05'54	19°13'41
	-1794 Jun 27 j 13:13	0°♊	
asc. node	-1794 Jul 02 j 15:19	7°♊32'34	
morning set	-1794 Jul 10 j 23:30	23°♊06'03	
	-1794 Jul 14 j 10:37	0°♋	
superior conj	-1794 Jul 19 j 06:58	9°♋33'29	1°48'04
minimum elong	-1794 Jul 19 j 06:41	9°♋32'05	1°48'06
max. Earth dist.	-1794 Jul 25 j 16:17	21°♋36'08	1.38193 AU
evening rise	-1794 Jul 29 j 13:13	28°♋31'51	
	-1794 Jul 30 j 09:26	0°♌	
desc. node	-1794 Aug 12 j 12:55	21°♌17'51	
	-1794 Aug 18 j 11:51	0°♍	
evening max el	-1794 Sep 03 j 06:16	19°♍27'52	24°52'35
retrograde	-1794 Sep 14 j 21:05	26°♍13'15	
evening set	-1794 Sep 20 j 12:31	23°♍50'35	
min. Earth dist.	-1794 Sep 25 j 02:48	18°♍37'22	0.67189 AU
inferior conj	-1794 Sep 25 j 23:21	17°♍29'21	0°-54'-2
minimum elong	-1794 Sep 26 j 00:40	17°♍25'00	0°53'28
asc. node	-1794 Sep 28 j 14:29	14°♍10'11	
morning rise	-1794 Oct 01 j 13:13	11°♍24'45	
direct	-1794 Oct 05 j 02:22	10°♍12'04	
morning max el	-1794 Oct 12 j 16:20	14°♍34'03	19°58'07
greatest brilliancy	-1794 Oct 20 j 02:55	23°♍45'34	-0.6m
	-1794 Oct 24 j 11:35	0°♎	
morning set	-1794 Nov 07 j 19:29	21°♎44'23	
desc. node	-1794 Nov 08 j 12:20	22°♎49'38	
	-1794 Nov 13 j 02:53	0°♏	
max. Earth dist.	-1794 Nov 19 j 10:26	9°♏58'35	1.43964 AU
superior conj	-1794 Nov 24 j 10:40	18°♏02'39	-1°-31'-36
minimum elong	-1794 Nov 24 j 03:19	17°♏32'44	1°30'58
	-1794 Dec 01 j 16:26	0°♐	
evening rise	-1794 Dec 07 j 19:00	10°♐21'30	
	-1794 Dec 19 j 13:13	0°♑	
asc. node	-1794 Dec 25 j 13:43	7°♑58'51	
evening max el	-1794 Dec 25 j 21:03	8°♑17'45	18°14'54
retrograde	-1793 Jan 01 j 09:16	11°♑47'46	
evening set	-1793 Jan 04 j 04:58	11°♑06'11	
inferior conj	-1793 Jan 10 j 10:02	5°♑43'51	3°49'07
minimum elong	-1793 Jan 10 j 08:18	5°♑48'35	3°48'54
min. Earth dist.	-1793 Jan 12 j 21:39	3°♑01'35	0.63315 AU
morning rise	-1793 Jan 16 j 09:59	29°♐44'09	
	-1793 Jan 16 j 02:03	30°℞♐	
direct	-1793 Jan 23 j 10:16	26°♐59'18	
	-1793 Jan 31 j 13:22	0°♑	
desc. node	-1793 Feb 04 j 11:36	3°♑08'47	
morning max el	-1793 Feb 06 j 05:01	4°♑47'14	27°40'45
	-1793 Feb 25 j 06:10	0°♒	
morning set	-1793 Mar 12 j 13:09	27°♒29'55	
	-1793 Mar 13 j 18:57	0°♓	
max. Earth dist.	-1793 Mar 17 j 21:58	8°♓34'04	1.33125 AU
superior conj	-1793 Mar 20 j 06:04	13°♓33'21	0°-34'-3
minimum elong	-1793 Mar 20 j 07:39	13°♓41'51	0°33'45
asc. node	-1793 Mar 23 j 13:03	20°♓39'13	
evening rise	-1793 Mar 27 j 09:19	28°♓52'18	
	-1793 Mar 27 j 22:13	0°♈	
	-1793 Apr 14 j 08:16	0°♉	
evening max el	-1793 Apr 19 j 10:58	5°♉42'38	23°17'27
retrograde	-1793 May 02 j 22:55	12°♉25'17	
desc. node	-1793 May 03 j 10:41	12°♉24'45	
evening set	-1793 May 06 j 14:29	11°♉56'07	
min. Earth dist.	-1793 May 13 j 21:12	8°♉38'18	0.55807 AU
inferior conj	-1793 May 15 j 17:39	7°♉32'54	-3°-10'-50
minimum elong	-1793 May 15 j 10:58	7°♉42'46	3°09'06
morning rise	-1793 May 24 j 10:43	3°♉36'46	
direct	-1793 May 27 j 01:58	3°♉19'51	
morning max el	-1793 Jun 06 j 15:45	8°♉13'55	20°20'56
asc. node	-1793 Jun 19 j 12:22	26°♉34'45	
	-1793 Jun 21 j 07:46	0°♊	
morning set	-1793 Jun 25 j 04:16	7°♊40'01	
superior conj	-1793 Jul 02 j 22:06	23°♊31'36	1°42'42
minimum elong	-1793 Jul 02 j 20:21	23°♊22'47	1°42'39
	-1793 Jul 06 j 03:58	0°♋	
max. Earth dist.	-1793 Jul 07 j 22:04	3°♋24'59	1.36358 AU
evening rise	-1793 Jul 11 j 23:32	11°♋04'31	
	-1793 Jul 22 j 23:12	0°♌	
desc. node	-1793 Jul 30 j 09:57	11°♌24'58	
	-1793 Aug 13 j 19:00	0°♍	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1793 Aug 16 j 17:28	3°♍02'23	26°02'02
retrograde	-1793 Aug 29 j 05:10	10°♍09'25	
evening set	-1793 Sep 04 j 11:21	7°♍31'48	
min. Earth dist.	-1793 Sep 08 j 17:18	2°♍55'59	0.66532 AU
inferior conj	-1793 Sep 10 j 01:22	1°♍15'25	-1°-48'-26
minimum elong	-1793 Sep 10 j 04:00	1°♍07'08	1°47'25
	-1793 Sep 11 j 01:38	30°℞♌	
asc. node	-1793 Sep 15 j 11:32	25°♌36'40	
morning rise	-1793 Sep 15 j 21:28	25°♌20'53	
direct	-1793 Sep 19 j 00:40	24°♌24'28	
morning max el	-1793 Sep 25 j 23:30	28°♌19'15	19°02'15
	-1793 Sep 27 j 12:37	0°♍	
	-1793 Oct 17 j 19:30	0°♎	
morning set	-1793 Oct 18 j 05:11	0°♎38'04	
desc. node	-1793 Oct 26 j 09:21	13°♎28'39	
max. Earth dist.	-1793 Nov 02 j 02:57	24°♎03'53	1.44791 AU
superior conj	-1793 Nov 03 j 18:44	26°♎40'49	0°-52'-27
minimum elong	-1793 Nov 03 j 12:18	26°♎15'27	0°51'42
	-1793 Nov 05 j 21:05	0°♏	
evening rise	-1793 Nov 19 j 00:59	21°♏09'03	
	-1793 Nov 24 j 11:09	0°♐	
evening max el	-1793 Dec 09 j 08:52	21°♐41'07	18°40'07
asc. node	-1793 Dec 12 j 10:46	24°♐15'44	
retrograde	-1793 Dec 16 j 01:21	25°♐25'38	
evening set	-1793 Dec 19 j 02:02	24°♐33'49	
inferior conj	-1793 Dec 24 j 23:20	18°♐53'15	3°26'22
minimum elong	-1793 Dec 24 j 20:36	19°♐01'26	3°25'48
min. Earth dist.	-1793 Dec 26 j 19:48	16°♐39'56	0.64881 AU
morning rise	-1793 Dec 30 j 14:01	12°♐45'37	
direct	-1792 Jan 06 j 07:43	9°♐54'44	
morning max el	-1792 Jan 19 j 14:38	17°♐36'29	27°06'37
desc. node	-1792 Jan 22 j 08:37	20°♐30'34	
	-1792 Jan 30 j 00:58	0°♑	
	-1792 Feb 18 j 02:44	0°♒	
morning set	-1792 Feb 24 j 03:21	11°♒13'30	
max. Earth dist.	-1792 Feb 28 j 19:15	20°♒29'33	1.34080 AU
superior conj	-1792 Mar 03 j 09:45	27°♒57'14	0°-59'-35
minimum elong	-1792 Mar 03 j 12:26	28°♒11'21	0°59'07
	-1792 Mar 04 j 09:05	0°♓	
asc. node	-1792 Mar 09 j 10:05	10°♓40'21	
evening rise	-1792 Mar 10 j 19:46	13°♓36'53	
	-1792 Mar 19 j 06:09	0°♈	
evening max el	-1792 Mar 31 j 06:25	16°♈27'38	21°44'36
retrograde	-1792 Apr 12 j 15:28	22°♈28'39	
evening set	-1792 Apr 15 j 05:57	22°♈13'25	
desc. node	-1792 Apr 19 j 07:43	20°♈55'02	
inferior conj	-1792 Apr 24 j 14:45	18°♈10'16	-1°-28'-48
minimum elong	-1792 Apr 24 j 10:40	18°♈16'01	1°27'24
min. Earth dist.	-1792 Apr 24 j 10:28	18°♈16'17	0.55097 AU
morning rise	-1792 May 03 j 16:18	14°♈12'07	
direct	-1792 May 06 j 14:23	13°♈53'18	
morning max el	-1792 May 18 j 20:05	19°♈39'55	21°46'39
	-1792 May 27 j 06:46	0°♉	
asc. node	-1792 Jun 05 j 09:23	16°♉03'22	
morning set	-1792 Jun 08 j 13:17	22°♉28'47	
	-1792 Jun 12 j 03:20	0°♊	
superior conj	-1792 Jun 15 j 22:09	7°♊57'58	1°31'02
minimum elong	-1792 Jun 15 j 19:41	7°♊45'07	1°30'48
max. Earth dist.	-1792 Jun 19 j 11:53	15°♊19'58	1.34835 AU
evening rise	-1792 Jun 24 j 02:58	24°♊29'10	
	-1792 Jun 27 j 01:07	0°♋	
	-1792 Jul 15 j 11:52	0°♌	
desc. node	-1792 Jul 16 j 06:59	1°♌06'37	
evening max el	-1792 Jul 29 j 04:58	16°♌32'03	26°54'26
retrograde	-1792 Aug 11 j 08:13	23°♌50'47	
evening set	-1792 Aug 18 j 02:57	21°♌05'04	
min. Earth dist.	-1792 Aug 22 j 01:17	17°♌07'24	0.65515 AU
inferior conj	-1792 Aug 23 j 22:01	14°♌57'00	-2°-40'-45
minimum elong	-1792 Aug 24 j 01:45	14°♌46'04	2°39'28
morning rise	-1792 Aug 30 j 01:51	9°♌15'39	
asc. node	-1792 Sep 01 j 08:35	8°♌33'31	
direct	-1792 Sep 01 j 21:27	8°♌31'55	
morning max el	-1792 Sep 08 j 11:52	12°♌08'40	18°22'24
	-1792 Sep 21 j 01:48	0°♍	
morning set	-1792 Sep 27 j 17:30	10°♍50'55	
	-1792 Oct 09 j 14:35	0°♎	
desc. node	-1792 Oct 12 j 06:22	4°♎12'45	
superior conj	-1792 Oct 12 j 18:57	5°♎02'29	0°-3'-24
minimum elong	-1792 Oct 12 j 18:30	5°♎00'44	0°03'21
behind sun begin	-1792 Oct 12 j 07:29	4°♎17'12	
behind sun end	-1792 Oct 13 j 05:31	5°♎44'14	
max. Earth dist.	-1792 Oct 14 j 21:16	8°♎20'58	1.44893 AU
	-1792 Oct 28 j 16:29	0°♏	
evening rise	-1792 Oct 29 j 06:40	0°♏55'35	
greatest brilliancy	-1792 Nov 12 j 09:02	22°♏46'51	-0.7m
	-1792 Nov 17 j 10:53	0°♐	
evening max el	-1792 Nov 21 j 17:38	5°♐07'29	19°22'26
asc. node	-1792 Nov 28 j 07:48	9°♐13'31	
retrograde	-1792 Nov 28 j 21:26	9°♐15'20	
evening set	-1792 Dec 02 j 04:51	8°♐11'24	
inferior conj	-1792 Dec 07 j 20:31	2°♐15'37	2°52'28
minimum elong	-1792 Dec 07 j 17:34	2°♐25'08	2°51'36
min. Earth dist.	-1792 Dec 09 j 02:49	0°♐38'11	0.66078 AU
	-1792 Dec 09 j 14:53	30°℞♏	
morning rise	-1792 Dec 13 j 05:29	26°♏02'44	
direct	-1792 Dec 19 j 11:25	23°♏18'41	
	-1792 Dec 31 j 07:00	0°♐	
morning max el	-1791 Jan 01 j 00:08	0°♐42'17	26°05'23
desc. node	-1791 Jan 08 j 05:39	8°♐56'34	
	-1791 Jan 23 j 00:44	0°♑	
morning set	-1791 Feb 06 j 04:06	24°♑11'49	
	-1791 Feb 09 j 05:52	0°♒	
max. Earth dist.	-1791 Feb 10 j 04:32	1°♒49'19	1.35483 AU
superior conj	-1791 Feb 15 j 06:24	11°♒54'52	-1°-23'-9
minimum elong	-1791 Feb 15 j 09:49	12°♒12'15	1°22'42
evening rise	-1791 Feb 23 j 02:59	28°♒05'27	
asc. node	-1791 Feb 24 j 07:07	0°♓28'42	
	-1791 Feb 24 j 01:27	0°♓	
evening max el	-1791 Mar 13 j 11:32	27°♓42'05	20°23'34
	-1791 Mar 16 j 05:31	0°♈	
retrograde	-1791 Mar 24 j 05:25	2°♈50'13	
evening set	-1791 Mar 26 j 10:20	2°♈38'09	
	-1791 Apr 02 j 03:11	30°℞♓	
inferior conj	-1791 Apr 04 j 10:43	28°♓40'17	0°29'33
minimum elong	-1791 Apr 04 j 12:03	28°♓38'20	0°29'04
min. Earth dist.	-1791 Apr 06 j 00:34	27°♓44'44	0.55327 AU
desc. node	-1791 Apr 06 j 04:45	27°♓38'41	
morning rise	-1791 Apr 13 j 11:32	24°♓21'17	
direct	-1791 Apr 17 j 03:03	23°♓52'18	
	-1791 Apr 30 j 02:33	0°♈	
morning max el	-1791 Apr 30 j 15:16	0°♈29'34	23°24'34
	-1791 May 20 j 09:14	0°♉	
asc. node	-1791 May 23 j 06:26	5°♉51'28	
morning set	-1791 May 24 j 00:42	7°♉26'41	
superior conj	-1791 May 31 j 04:11	22°♉43'31	1°14'33
minimum elong	-1791 May 31 j 01:38	22°♉29'52	1°14'11
max. Earth dist.	-1791 Jun 02 j 11:28	27°♉37'37	1.33693 AU
	-1791 Jun 03 j 14:35	0°♊	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1791 Jun 07 j 18:56	8°♊32'38	
	-1791 Jun 19 j 12:07	0°♋	
desc. node	-1791 Jul 03 j 03:59	20°♋12'09	
evening max el	-1791 Jul 11 j 16:06	29°♋47'37	27°22'26
	-1791 Jul 11 j 21:19	0°♌	
retrograde	-1791 Jul 25 j 05:42	7°♌09'28	
evening set	-1791 Aug 01 j 08:31	4°♌26'20	
min. Earth dist.	-1791 Aug 05 j 00:46	1°♌04'22	0.64128 AU
	-1791 Aug 06 j 01:16	30°℞♋	
inferior conj	-1791 Aug 07 j 10:57	28°♋29'59	-3°-28'-13
minimum elong	-1791 Aug 07 j 15:15	28°♋18'31	3°27'04
morning rise	-1791 Aug 13 j 23:51	23°♋04'55	
direct	-1791 Aug 16 j 14:20	22°♋30'29	
asc. node	-1791 Aug 19 j 05:38	23°♋05'59	
morning max el	-1791 Aug 23 j 02:55	25°♋57'28	17°59'42
	-1791 Aug 26 j 12:58	0°♌	
morning set	-1791 Sep 09 j 09:00	22°♌22'25	
	-1791 Sep 13 j 20:34	0°♍	
superior conj	-1791 Sep 22 j 09:31	14°♍09'52	0°43'00
minimum elong	-1791 Sep 22 j 14:01	14°♍28'10	0°42'26
max. Earth dist.	-1791 Sep 27 j 14:29	22°♍32'37	1.44276 AU
desc. node	-1791 Sep 29 j 03:23	24°♍59'07	
	-1791 Oct 02 j 07:47	0°♎	
evening rise	-1791 Oct 08 j 17:06	9°♎55'46	
	-1791 Oct 21 j 22:34	0°♏	
greatest brilliancy	-1791 Oct 29 j 10:09	10°♏41'56	-0.6m
evening max el	-1791 Nov 04 j 21:35	18°♏35'09	20°19'55
retrograde	-1791 Nov 12 j 18:51	23°♏13'38	
asc. node	-1791 Nov 15 j 04:49	22°♏40'05	
evening set	-1791 Nov 16 j 11:09	21°♏55'12	
inferior conj	-1791 Nov 21 j 23:02	15°♏47'30	2°10'35
minimum elong	-1791 Nov 21 j 20:26	15°♏56'14	2°09'39
min. Earth dist.	-1791 Nov 22 j 16:40	14°♏48'06	0.66909 AU
morning rise	-1791 Nov 27 j 05:10	9°♏31'49	
direct	-1791 Dec 02 j 20:34	7°♏03'50	
morning max el	-1791 Dec 14 j 08:35	13°♏54'55	24°46'22
desc. node	-1791 Dec 26 j 02:43	28°♏08'15	
	-1791 Dec 27 j 11:16	0°♐	
	-1790 Jan 15 j 20:49	0°♑	
morning set	-1790 Jan 19 j 10:00	6°♑09'35	
max. Earth dist.	-1790 Jan 23 j 03:22	12°♑51'53	1.37304 AU
superior conj	-1790 Jan 29 j 16:57	25°♑17'52	-1°-42'-46
minimum elong	-1790 Jan 29 j 20:20	25°♑34'22	1°42'30
	-1790 Feb 01 j 02:22	0°♒	
evening rise	-1790 Feb 07 j 04:50	12°♒11'52	
asc. node	-1790 Feb 11 j 04:09	19°♒59'02	
	-1790 Feb 16 j 19:21	0°♓	
evening max el	-1790 Feb 24 j 03:40	9°♓33'59	19°20'05
retrograde	-1790 Mar 05 j 05:20	13°♓54'09	
evening set	-1790 Mar 07 j 11:26	13°♓39'17	
inferior conj	-1790 Mar 15 j 19:10	9°♓30'59	2°11'17
minimum elong	-1790 Mar 15 j 23:40	9°♓23'30	2°09'58
min. Earth dist.	-1790 Mar 18 j 15:34	7°♓38'17	0.56452 AU
morning rise	-1790 Mar 24 j 08:02	4°♓41'10	
desc. node	-1790 Mar 24 j 01:49	4°♓46'51	
direct	-1790 Mar 29 j 02:37	3°♓48'52	
morning max el	-1790 Apr 12 j 06:04	11°♓01'46	25°03'17
	-1790 Apr 26 j 15:59	0°♈	
morning set	-1790 May 08 j 12:47	22°♈27'24	
asc. node	-1790 May 10 j 03:29	25°♈52'38	
	-1790 May 12 j 01:24	0°♉	
superior conj	-1790 May 15 j 13:54	7°♉39'51	0°54'25
minimum elong	-1790 May 15 j 11:46	7°♉28'13	0°54'02
max. Earth dist.	-1790 May 16 j 19:08	10°♉18'33	1.32929 AU
evening rise	-1790 May 22 j 19:38	23°♉02'36	
	-1790 May 26 j 07:12	0°♊	
	-1790 Jun 13 j 07:58	0°♋	
desc. node	-1790 Jun 20 j 01:01	8°♋25'46	
evening max el	-1790 Jun 24 j 00:47	12°♋35'38	27°20'10
retrograde	-1790 Jul 07 j 20:42	19°♋55'38	
evening set	-1790 Jul 15 j 00:16	17°♋28'24	
min. Earth dist.	-1790 Jul 18 j 14:17	14°♋34'36	0.62399 AU
inferior conj	-1790 Jul 21 j 13:12	11°♋46'55	-4°-6'-51
minimum elong	-1790 Jul 21 j 17:03	11°♋37'46	4°06'09
morning rise	-1790 Jul 28 j 12:18	6°♋41'17	
direct	-1790 Jul 31 j 00:08	6°♋13'22	
asc. node	-1790 Aug 06 j 02:42	9°♋03'08	
morning max el	-1790 Aug 06 j 17:51	9°♋38'48	17°55'06
	-1790 Aug 20 j 04:06	0°♌	
morning set	-1790 Aug 22 j 22:17	4°♌56'14	
superior conj	-1790 Sep 03 j 02:33	24°♌35'32	1°17'47
minimum elong	-1790 Sep 03 j 07:45	24°♌57'39	1°17'14
	-1790 Sep 06 j 07:29	0°♍	
max. Earth dist.	-1790 Sep 10 j 04:13	6°♍22'24	1.43022 AU
desc. node	-1790 Sep 16 j 00:23	15°♍43'59	
evening rise	-1790 Sep 17 j 23:29	18°♍48'45	
	-1790 Sep 25 j 06:28	0°♎	
greatest brilliancy	-1790 Oct 13 j 19:04	26°♎15'30	-0.4m
	-1790 Oct 16 j 22:07	0°♏	
evening max el	-1790 Oct 18 j 19:40	2°♏02'41	21°29'45
retrograde	-1790 Oct 27 j 15:38	7°♏17'21	
evening set	-1790 Oct 31 j 18:59	5°♏42'03	
asc. node	-1790 Nov 02 j 01:52	4°♏33'17	
	-1790 Nov 05 j 18:43	30°℞♎	
inferior conj	-1790 Nov 06 j 04:40	29°♎25'44	1°23'00
minimum elong	-1790 Nov 06 j 02:51	29°♎32'00	1°22'15
min. Earth dist.	-1790 Nov 06 j 10:58	29°♎04'01	0.67391 AU
morning rise	-1790 Nov 11 j 10:24	23°♎09'47	
direct	-1790 Nov 16 j 10:24	21°♎02'59	
morning max el	-1790 Nov 26 j 17:42	27°♎11'16	23°19'41
	-1790 Nov 29 j 08:36	0°♏	
greatest brilliancy	-1790 Dec 02 j 01:30	3°♏11'12	-0.2m
desc. node	-1790 Dec 12 j 23:46	17°♏52'15	
	-1790 Dec 21 j 03:14	0°♐	
morning set	-1790 Dec 31 j 14:49	16°♐50'30	
max. Earth dist.	-1789 Jan 04 j 22:48	24°♐14'38	1.39377 AU
	-1789 Jan 08 j 05:03	0°♑	
superior conj	-1789 Jan 12 j 13:18	7°♑55'21	-1°-55'-43
minimum elong	-1789 Jan 12 j 15:19	8°♑04'43	1°55'42
evening rise	-1789 Jan 21 j 22:39	25°♑49'33	
	-1789 Jan 24 j 02:51	0°♒	
asc. node	-1789 Jan 29 j 01:12	9°♒05'07	
evening max el	-1789 Feb 07 j 05:10	22°♒00'01	18°36'19
retrograde	-1789 Feb 14 j 23:38	25°♒47'10	
evening set	-1789 Feb 17 j 09:37	25°♒26'31	
inferior conj	-1789 Feb 24 j 23:36	20°♒58'51	3°18'12
minimum elong	-1789 Feb 25 j 03:32	20°♒51'13	3°17'27
min. Earth dist.	-1789 Feb 28 j 08:52	18°♒23'08	0.58208 AU
morning rise	-1789 Mar 04 j 17:41	15°♒40'02	
direct	-1789 Mar 10 j 15:18	14°♒12'40	
desc. node	-1789 Mar 10 j 22:54	14°♒12'55	
morning max el	-1789 Mar 24 j 22:45	21°♒45'31	26°27'46
	-1789 Apr 01 j 04:05	0°♓	
	-1789 Apr 19 j 08:41	0°♈	
morning set	-1789 Apr 22 j 23:56	7°♈25'10	
asc. node	-1789 Apr 27 j 00:33	16°♈01'59	
superior conj	-1789 Apr 30 j 01:27	22°♈40'35	0°31'34
minimum elong	-1789 Apr 30 j 00:06	22°♈33'10	0°31'18

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

max. Earth dist.	-1789 Apr 30 j 07:29	23°♈13'38	1.32525 AU
	-1789 May 03 j 09:59	0°♉	
evening rise	-1789 May 07 j 02:13	7°♉49'28	
	-1789 May 18 j 18:47	0°♊	
evening max el	-1789 Jun 06 j 04:15	24°♊44'01	26°44'50
desc. node	-1789 Jun 06 j 22:02	25°♊25'33	
	-1789 Jun 13 j 02:21	0°♋	
retrograde	-1789 Jun 20 j 04:04	2°♋01'07	
evening set	-1789 Jun 26 j 21:52	0°♋03'06	
	-1789 Jun 27 j 00:01	30°℞♊	
min. Earth dist.	-1789 Jun 30 j 17:42	27°♊23'48	0.60417 AU
inferior conj	-1789 Jul 04 j 01:20	24°♊39'13	-4°-30'-19
minimum elong	-1789 Jul 04 j 03:07	24°♊35'30	4°30'11
morning rise	-1789 Jul 11 j 11:32	19°♊55'45	
direct	-1789 Jul 13 j 22:48	19°♊32'25	
morning max el	-1789 Jul 21 j 05:50	23°♊05'49	18°09'39
asc. node	-1789 Jul 23 j 23:47	26°♊09'57	
	-1789 Jul 26 j 17:54	0°♋	
morning set	-1789 Aug 06 j 03:43	18°♋17'06	
	-1789 Aug 12 j 10:28	0°♌	
superior conj	-1789 Aug 15 j 22:05	6°♌20'10	1°38'44
minimum elong	-1789 Aug 16 j 01:22	6°♌34'54	1°38'33
max. Earth dist.	-1789 Aug 23 j 12:33	19°♌34'50	1.41293 AU
evening rise	-1789 Aug 28 j 20:21	28°♌23'09	
	-1789 Aug 29 j 20:22	0°♍	
desc. node	-1789 Sep 02 j 21:23	6°♍24'07	
	-1789 Sep 18 j 21:58	0°♎	
greatest brilliancy	-1789 Sep 26 j 13:19	9°♎57'39	-0.3m
evening max el	-1789 Oct 01 j 12:04	15°♎30'15	22°47'41
retrograde	-1789 Oct 11 j 10:10	21°♎23'39	
evening set	-1789 Oct 16 j 02:34	19°♎29'46	
asc. node	-1789 Oct 19 j 22:57	15°♎13'06	
inferior conj	-1789 Oct 21 j 11:31	13°♎08'26	0°31'25
minimum elong	-1789 Oct 21 j 10:47	13°♎10'57	0°31'05
min. Earth dist.	-1789 Oct 21 j 07:20	13°♎22'54	0.67552 AU
morning rise	-1789 Oct 26 j 18:58	6°♎54'41	
direct	-1789 Oct 31 j 04:03	5°♎10'21	
morning max el	-1789 Nov 09 j 06:47	10°♎33'22	21°54'13
greatest brilliancy	-1789 Nov 14 j 02:28	16°♎01'32	-0.4m
	-1789 Nov 24 j 10:11	0°♏	
desc. node	-1789 Nov 29 j 20:47	7°♏58'48	
morning set	-1789 Dec 11 j 14:31	26°♏06'48	
	-1789 Dec 14 j 00:25	0°♐	
max. Earth dist.	-1789 Dec 17 j 22:08	6°♐25'19	1.41431 AU
superior conj	-1789 Dec 25 j 14:05	19°♐32'51	-1°-58'-23
minimum elong	-1789 Dec 25 j 12:57	19°♐27'49	1°58'25
	-1789 Dec 31 j 09:57	0°♑	
evening rise	-1788 Jan 05 j 05:04	8°♑49'47	
asc. node	-1788 Jan 15 j 22:15	27°♑38'17	
	-1788 Jan 17 j 12:43	0°♒	
evening max el	-1788 Jan 21 j 13:11	4°♒51'10	18°12'37
retrograde	-1788 Jan 28 j 12:01	8°♒21'17	
evening set	-1788 Jan 31 j 01:37	7°♒53'24	
inferior conj	-1788 Feb 07 j 00:23	3°♒04'03	3°50'23
minimum elong	-1788 Feb 07 j 01:57	3°♒00'32	3°50'15
	-1788 Feb 10 j 11:05	30°℞♑	
min. Earth dist.	-1788 Feb 10 j 07:33	0°♒07'30	0.60247 AU
morning rise	-1788 Feb 13 j 23:15	27°♑23'53	
direct	-1788 Feb 20 j 15:41	25°♑18'39	
desc. node	-1788 Feb 25 j 19:58	26°♑28'10	
	-1788 Mar 02 j 11:25	0°♒	
morning max el	-1788 Mar 05 j 21:13	3°♒02'34	27°24'20
	-1788 Mar 25 j 14:31	0°♓	
morning set	-1788 Apr 06 j 08:16	22°♓12'38	
	-1788 Apr 10 j 00:42	0°♈	
asc. node	-1788 Apr 12 j 21:37	6°♈14'17	
max. Earth dist.	-1788 Apr 12 j 20:33	6°♈08'27	1.32465 AU
superior conj	-1788 Apr 13 j 13:04	7°♈38'50	0°06'49
minimum elong	-1788 Apr 13 j 12:45	7°♈37'08	0°06'45
behind sun begin	-1788 Apr 13 j 08:11	7°♈12'07	
behind sun end	-1788 Apr 13 j 17:20	8°♈02'10	
evening rise	-1788 Apr 20 j 12:18	22°♈44'13	
	-1788 Apr 24 j 01:09	0°♉	
	-1788 May 12 j 11:09	0°♊	
evening max el	-1788 May 18 j 00:55	6°♊07'30	25°39'03
desc. node	-1788 May 23 j 19:05	10°♊41'10	
retrograde	-1788 Jun 01 j 02:27	13°♊20'12	
evening set	-1788 Jun 06 j 21:33	12°♊00'19	
min. Earth dist.	-1788 Jun 11 j 13:06	9°♊17'36	0.58370 AU
inferior conj	-1788 Jun 14 j 19:40	6°♊56'55	-4°-29'-16
minimum elong	-1788 Jun 14 j 17:42	7°♊00'29	4°29'08
morning rise	-1788 Jun 22 j 17:45	2°♊36'11	
direct	-1788 Jun 25 j 05:42	2°♊16'19	
morning max el	-1788 Jul 03 j 11:56	6°♊09'57	18°44'24
asc. node	-1788 Jul 09 j 20:52	14°♊11'26	
	-1788 Jul 18 j 17:21	0°♋	
morning set	-1788 Jul 19 j 20:50	2°♋13'27	
superior conj	-1788 Jul 28 j 14:51	19°♋09'24	1°47'32
minimum elong	-1788 Jul 28 j 15:45	19°♋13'35	1°47'33
	-1788 Aug 03 j 12:14	0°♌	
max. Earth dist.	-1788 Aug 04 j 15:51	2°♌02'53	1.39322 AU
evening rise	-1788 Aug 08 j 17:51	9°♌08'01	
desc. node	-1788 Aug 19 j 18:24	26°♌55'48	
	-1788 Aug 21 j 18:55	0°♍	
evening max el	-1788 Sep 13 j 00:34	29°♍00'26	24°08'03
	-1788 Sep 14 j 01:09	0°♎	
retrograde	-1788 Sep 24 j 01:25	5°♎29'43	
evening set	-1788 Sep 29 j 08:12	3°♎17'03	
	-1788 Oct 02 j 09:46	30°℞♍	
min. Earth dist.	-1788 Oct 04 j 03:23	27°♍43'30	0.67406 AU
inferior conj	-1788 Oct 04 j 17:53	26°♍54'27	0°-22'-31
minimum elong	-1788 Oct 04 j 18:26	26°♍52'37	0°22'18
asc. node	-1788 Oct 05 j 20:02	25°♍26'53	
morning rise	-1788 Oct 10 j 04:55	20°♍45'39	
direct	-1788 Oct 14 j 00:40	19°♍22'21	
morning max el	-1788 Oct 22 j 02:34	24°♍04'41	20°36'59
	-1788 Oct 27 j 04:34	0°♎	
greatest brilliancy	-1788 Oct 28 j 06:36	1°♎24'39	-0.5m
desc. node	-1788 Nov 15 j 17:48	28°♎21'40	
	-1788 Nov 16 j 19:25	0°♏	
morning set	-1788 Nov 19 j 15:32	4°♏23'11	
max. Earth dist.	-1788 Nov 29 j 04:30	19°♏28'52	1.43180 AU
superior conj	-1788 Dec 05 j 13:55	29°♏58'18	-1°-46'-26
minimum elong	-1788 Dec 05 j 08:25	29°♏35'24	1°46'07
	-1788 Dec 05 j 14:19	0°♐	
evening rise	-1788 Dec 17 j 20:04	21°♐04'29	
	-1788 Dec 22 j 21:58	0°♑	
asc. node	-1787 Jan 01 j 19:18	15°♑28'33	
evening max el	-1787 Jan 04 j 00:52	17°♑59'56	18°08'37
retrograde	-1787 Jan 10 j 14:28	21°♑26'40	
evening set	-1787 Jan 13 j 07:41	20°♑50'32	
inferior conj	-1787 Jan 19 j 18:24	15°♑40'00	3°55'26
minimum elong	-1787 Jan 19 j 17:39	15°♑41'56	3°55'21
min. Earth dist.	-1787 Jan 22 j 14:28	12°♑46'32	0.62258 AU
morning rise	-1787 Jan 26 j 01:27	9°♑45'52	
direct	-1787 Feb 02 j 01:49	7°♑11'04	
desc. node	-1787 Feb 11 j 17:02	11°♑10'20	
morning max el	-1787 Feb 16 j 01:41	15°♑00'07	27°45'14
	-1787 Feb 28 j 07:26	0°♒	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1787 Mar 18 j 02:36	0°♓	
morning set	-1787 Mar 21 j 11:43	6°♓42'31	
max. Earth dist.	-1787 Mar 27 j 06:23	18°♓49'08	1.32768 AU
superior conj	-1787 Mar 28 j 23:04	22°♓28'49	0°-19'-2
minimum elong	-1787 Mar 28 j 23:57	22°♓33'36	0°18'52
asc. node	-1787 Mar 30 j 18:39	26°♓25'33	
	-1787 Apr 01 j 10:07	0°♈	
evening rise	-1787 Apr 04 j 23:57	7°♈40'04	
	-1787 Apr 16 j 18:21	0°♉	
evening max el	-1787 Apr 29 j 16:40	16°♉56'26	24°11'54
desc. node	-1787 May 10 j 16:08	23°♉36'00	
retrograde	-1787 May 13 j 13:33	23°♉55'10	
evening set	-1787 May 17 j 23:53	23°♉11'20	
min. Earth dist.	-1787 May 24 j 04:10	20°♉09'25	0.56579 AU
inferior conj	-1787 May 26 j 17:56	18°♉32'40	-3°-52'-3
minimum elong	-1787 May 26 j 12:06	18°♉41'51	3°50'55
morning rise	-1787 Jun 04 j 04:15	14°♉30'08	
direct	-1787 Jun 06 j 17:34	14°♉12'46	
morning max el	-1787 Jun 16 j 09:16	18°♉41'13	19°39'51
	-1787 Jun 25 j 00:54	0°♊	
asc. node	-1787 Jun 26 j 17:55	2°♊54'34	
morning set	-1787 Jul 03 j 22:07	16°♊35'40	
	-1787 Jul 10 j 13:42	0°♋	
superior conj	-1787 Jul 11 j 23:10	2°♋46'18	1°46'40
minimum elong	-1787 Jul 11 j 22:10	2°♋41'21	1°46'41
max. Earth dist.	-1787 Jul 17 j 18:36	13°♋57'34	1.37377 AU
evening rise	-1787 Jul 21 j 16:00	21°♋04'49	
	-1787 Jul 26 j 19:06	0°♌	
desc. node	-1787 Aug 06 j 15:25	17°♌13'40	
	-1787 Aug 15 j 17:26	0°♍	
evening max el	-1787 Aug 26 j 11:40	12°♍34'02	25°23'47
retrograde	-1787 Sep 07 j 12:20	19°♍30'40	
evening set	-1787 Sep 13 j 10:02	17°♍01'08	
min. Earth dist.	-1787 Sep 17 j 20:42	12°♍03'23	0.66945 AU
inferior conj	-1787 Sep 18 j 22:00	10°♍41'15	-1°-17'-16
minimum elong	-1787 Sep 18 j 23:53	10°♍35'07	1°16'29
asc. node	-1787 Sep 22 j 17:05	6°♍12'34	
morning rise	-1787 Sep 24 j 14:19	4°♍40'21	
direct	-1787 Sep 27 j 22:52	3°♍35'07	
morning max el	-1787 Oct 05 j 05:44	7°♍44'50	19°32'25
greatest brilliancy	-1787 Oct 14 j 01:52	19°♍03'29	-0.7m
	-1787 Oct 21 j 09:22	0°♎	
morning set	-1787 Oct 29 j 15:03	12°♎42'57	
desc. node	-1787 Nov 02 j 14:48	18°♎55'33	
	-1787 Nov 09 j 16:19	0°♏	
max. Earth dist.	-1787 Nov 11 j 17:29	3°♏14'20	1.44397 AU
superior conj	-1787 Nov 15 j 10:38	9°♏09'17	-1°-16'-52
minimum elong	-1787 Nov 15 j 02:53	8°♏38'17	1°16'05
	-1787 Nov 28 j 04:31	0°♐	
evening rise	-1787 Nov 29 j 15:07	2°♐24'40	
	-1787 Dec 17 j 08:12	0°♑	
evening max el	-1787 Dec 18 j 13:23	1°♑19'13	18°23'33
asc. node	-1787 Dec 19 j 16:19	2°♑23'15	
retrograde	-1787 Dec 25 j 02:32	4°♑54'07	
evening set	-1787 Dec 28 j 00:08	4°♑08'28	
	-1786 Jan 01 j 20:35	30°℞♐	
inferior conj	-1786 Jan 03 j 01:39	28°♐38'23	3°41'04
minimum elong	-1786 Jan 02 j 23:23	28°♐44'49	3°40'42
min. Earth dist.	-1786 Jan 05 j 06:56	26°♐06'52	0.64024 AU
morning rise	-1786 Jan 08 j 21:10	22°♐35'00	
direct	-1786 Jan 15 j 19:38	19°♐45'25	
morning max el	-1786 Jan 29 j 09:55	27°♐32'22	27°30'02
desc. node	-1786 Jan 29 j 14:04	27°♐42'44	
	-1786 Jan 31 j 18:25	0°♑	

	-1786 Feb 21 j 23:33	0°♒	
morning set	-1786 Mar 05 j 07:42	20°♒46'00	
	-1786 Mar 09 j 21:00	0°♓	
max. Earth dist.	-1786 Mar 10 j 09:06	1°♓02'54	1.33469 AU
superior conj	-1786 Mar 13 j 05:40	7°♓04'29	0°-45'00
minimum elong	-1786 Mar 13 j 07:45	7°♓15'33	0°44'37
asc. node	-1786 Mar 17 j 15:40	16°♓31'47	
evening rise	-1786 Mar 20 j 11:20	22°♓30'46	
	-1786 Mar 24 j 03:03	0°♈	
evening max el	-1786 Apr 11 j 09:04	27°♈35'56	22°37'15
	-1786 Apr 14 j 03:34	0°♉	
retrograde	-1786 Apr 24 j 11:40	4°♉02'37	
evening set	-1786 Apr 27 j 14:39	3°♉41'15	
desc. node	-1786 Apr 27 j 13:11	3°♉42'03	
min. Earth dist.	-1786 May 05 j 17:47	0°♉08'41	0.55395 AU
	-1786 May 05 j 23:53	30°℞♈	
inferior conj	-1786 May 06 j 22:05	29°♈28'17	-2°-31'-39
minimum elong	-1786 May 06 j 15:52	29°♈37'10	2°29'46
morning rise	-1786 May 15 j 19:25	25°♈33'06	
direct	-1786 May 18 j 12:39	25°♈15'57	
	-1786 May 29 j 05:38	0°♉	
morning max el	-1786 May 29 j 19:53	0°♉32'14	20°55'16
asc. node	-1786 Jun 13 j 14:58	22°♉09'31	
	-1786 Jun 17 j 13:53	0°♊	
morning set	-1786 Jun 18 j 04:59	1°♊17'18	
superior conj	-1786 Jun 25 j 18:32	16°♊58'10	1°38'26
minimum elong	-1786 Jun 25 j 16:24	16°♊47'12	1°38'17
max. Earth dist.	-1786 Jun 30 j 03:26	25°♊46'56	1.35672 AU
	-1786 Jul 02 j 07:21	0°♋	
evening rise	-1786 Jul 04 j 10:19	4°♋02'22	
	-1786 Jul 19 j 16:09	0°♌	
desc. node	-1786 Jul 24 j 12:27	7°♌11'16	
evening max el	-1786 Aug 08 j 23:13	26°♌08'33	26°26'53
	-1786 Aug 13 j 11:11	0°♍	
retrograde	-1786 Aug 21 j 18:19	3°♍21'21	
evening set	-1786 Aug 28 j 06:06	0°♍39'37	
	-1786 Aug 28 j 23:58	30°℞♌	
min. Earth dist.	-1786 Sep 01 j 08:50	26°♌19'44	0.66147 AU
inferior conj	-1786 Sep 02 j 22:01	24°♌26'19	-2°-11'-2
minimum elong	-1786 Sep 03 j 01:10	24°♌16'42	2°09'52
morning rise	-1786 Sep 08 j 21:13	18°♌36'41	
asc. node	-1786 Sep 09 j 14:07	18°♌15'39	
direct	-1786 Sep 11 j 20:56	17°♌45'59	
morning max el	-1786 Sep 18 j 15:18	21°♌32'03	18°43'09
	-1786 Sep 25 j 07:12	0°♍	
morning set	-1786 Oct 09 j 11:16	22°♍08'26	
	-1786 Oct 14 j 09:51	0°♎	
desc. node	-1786 Oct 20 j 11:49	9°♎36'57	
superior conj	-1786 Oct 25 j 12:37	17°♎32'32	0°-32'-7
minimum elong	-1786 Oct 25 j 08:24	17°♎15'58	0°31'36
max. Earth dist.	-1786 Oct 25 j 11:07	17°♎26'39	1.44932 AU
	-1786 Nov 02 j 10:13	0°♏	
evening rise	-1786 Nov 10 j 10:38	12°♏45'18	
	-1786 Nov 21 j 06:27	0°♐	
evening max el	-1786 Dec 02 j 00:12	14°♐44'15	18°56'13
asc. node	-1786 Dec 06 j 13:20	18°♐08'06	
retrograde	-1786 Dec 08 j 20:31	18°♐37'16	
evening set	-1786 Dec 11 j 23:56	17°♐40'26	
inferior conj	-1786 Dec 17 j 18:36	11°♐53'08	3°13'06
minimum elong	-1786 Dec 17 j 15:42	12°♐02'09	3°12'23
min. Earth dist.	-1786 Dec 19 j 08:52	9°♐54'39	0.65440 AU
morning rise	-1786 Dec 23 j 06:29	5°♐43'16	
direct	-1786 Dec 29 j 19:48	2°♐53'51	
morning max el	-1785 Jan 11 j 19:27	10°♐28'48	26°43'23

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1785 Jan 16 j 11:06	15°♐34'03			-1785 Dec 30 j 21:10	0°♐		
	-1785 Jan 27 j 07:51	0°♑		desc. node	-1784 Jan 03 j 08:08	4°♐21'19		
	-1785 Feb 14 j 11:08	0°♒			-1784 Jan 20 j 16:55	0°♑		
morning set	-1785 Feb 16 j 16:41	4°♒11'24		morning set	-1784 Jan 30 j 10:09	16°♑45'44		
max. Earth dist.	-1785 Feb 21 j 01:21	12°♒41'58	1.34618 AU	max. Earth dist.	-1784 Feb 03 j 06:06	23°♑52'39	1.36215 AU	
					-1784 Feb 06 j 10:24	0°♒		
superior conj	-1785 Feb 25 j 06:41	21°♒18'01	-1°-9'-55					
minimum elong	-1785 Feb 25 j 09:45	21°♒33'55	1°09'26	superior conj	-1784 Feb 08 j 23:28	5°♒01'56	-1°-32'-5	
	-1785 Mar 01 j 10:32	0°♓		minimum elong	-1784 Feb 09 j 03:01	5°♒19'35	1°31'42	
evening rise	-1785 Mar 04 j 20:39	7°♓09'11		evening rise	-1784 Feb 17 j 01:55	21°♒29'18		
asc. node	-1785 Mar 04 j 12:42	6°♓27'57		asc. node	-1784 Feb 19 j 09:44	26°♒09'18		
	-1785 Mar 17 j 08:50	0°♈			-1784 Feb 21 j 09:02	0°♓		
evening max el	-1785 Mar 24 j 08:18	8°♈31'35	21°08'21	evening max el	-1784 Mar 05 j 18:01	20°♓00'55	19°54'12	
retrograde	-1785 Apr 05 j 01:12	14°♈10'05		retrograde	-1784 Mar 15 j 18:14	24°♓47'42		
evening set	-1785 Apr 07 j 10:07	13°♈57'03		evening set	-1784 Mar 17 j 22:55	24°♓34'55		
desc. node	-1785 Apr 14 j 10:14	11°♈14'19		inferior conj	-1784 Mar 26 j 16:39	20°♓33'41	1°16'17	
inferior conj	-1785 Apr 16 j 16:52	9°♈58'32	0°-38'-36	minimum elong	-1784 Mar 26 j 19:48	20°♓28'50	1°15'14	
minimum elong	-1785 Apr 16 j 15:03	10°♈01'06	0°37'58	min. Earth dist.	-1784 Mar 28 j 21:14	19°♓13'09	0.55706 AU	
min. Earth dist.	-1785 Apr 17 j 07:08	9°♈38'24	0.55079 AU	desc. node	-1784 Mar 31 j 07:16	17°♓50'23		
morning rise	-1785 Apr 25 j 19:32	5°♈53'52		morning rise	-1784 Apr 04 j 13:41	16°♓02'20		
direct	-1785 Apr 28 j 23:52	5°♈31'55		direct	-1784 Apr 08 j 15:49	15°♓25'25		
morning max el	-1785 May 11 j 19:46	11°♈40'43	22°27'16	morning max el	-1784 Apr 22 j 12:24	22°♓19'23	24°07'24	
	-1785 May 25 j 07:06	0°♉			-1784 Apr 29 j 06:11	0°♈		
asc. node	-1785 May 31 j 12:01	11°♉47'19			-1784 May 16 j 13:43	0°♉		
morning set	-1785 Jun 02 j 15:17	16°♉10'56		morning set	-1784 May 17 j 03:14	1°♉10'41		
	-1785 Jun 09 j 03:46	0°♊		asc. node	-1784 May 17 j 09:05	1°♉41'29		
superior conj	-1785 Jun 09 j 21:27	1°♊33'39	1°24'34	superior conj	-1784 May 24 j 05:20	16°♉24'22	1°06'24	
minimum elong	-1785 Jun 09 j 18:53	1°♊20'04	1°24'15	minimum elong	-1784 May 24 j 02:54	16°♉11'16	1°06'01	
max. Earth dist.	-1785 Jun 12 j 21:50	7°♊52'19	1.34311 AU	max. Earth dist.	-1784 May 26 j 01:18	20°♉20'36	1.33323 AU	
evening rise	-1785 Jun 17 j 19:38	17°♊45'10			-1784 May 30 j 15:56	0°♊		
	-1785 Jun 24 j 08:53	0°♋		evening rise	-1784 May 31 j 15:42	2°♊00'40		
desc. node	-1785 Jul 11 j 09:29	26°♋39'03			-1784 Jun 16 j 06:12	0°♋		
	-1785 Jul 13 j 22:58	0°♌		desc. node	-1784 Jun 27 j 06:30	15°♋24'30		
evening max el	-1785 Jul 22 j 10:58	9°♌34'14	27°09'38	evening max el	-1784 Jul 03 j 21:12	22°♋38'51	27°25'16	
retrograde	-1785 Aug 04 j 18:49	16°♌54'04			-1784 Jul 17 j 06:54	0°♌		
evening set	-1785 Aug 11 j 17:49	14°♌08'06		retrograde	-1784 Jul 17 j 13:34	0°♌00'14		
min. Earth dist.	-1785 Aug 15 j 13:23	10°♌26'10	0.64981 AU		-1784 Jul 17 j 20:13	30°℞♋		
inferior conj	-1785 Aug 17 j 15:44	8°♌04'55	-3°-1'-40	evening set	-1784 Jul 24 j 18:01	27°♋21'47		
minimum elong	-1785 Aug 17 j 19:48	7°♌53'28	3°00'23	min. Earth dist.	-1784 Jul 28 j 08:32	24°♋13'25	0.63439 AU	
morning rise	-1785 Aug 23 j 23:16	2°♌30'00		inferior conj	-1784 Jul 31 j 00:30	21°♋31'35	-3°-46'00	
direct	-1785 Aug 26 j 16:30	1°♌50'27		minimum elong	-1784 Jul 31 j 04:47	21°♋20'44	3°45'00	
asc. node	-1785 Aug 27 j 11:10	1°♌53'42		morning rise	-1784 Aug 06 j 17:40	16°♋14'42		
morning max el	-1785 Sep 02 j 05:07	5°♌21'40	18°10'33	direct	-1784 Aug 09 j 06:47	15°♋43'20		
	-1785 Sep 18 j 17:15	0°♍		asc. node	-1784 Aug 13 j 08:16	17°♋03'48		
morning set	-1785 Sep 20 j 11:42	2°♍56'41		morning max el	-1784 Aug 15 j 20:32	19°♋08'15	17°55'28	
					-1784 Aug 23 j 19:47	0°♌		
superior conj	-1785 Oct 04 j 16:30	26°♍06'40	0°17'21	morning set	-1784 Sep 01 j 13:10	14°♌56'24		
minimum elong	-1785 Oct 04 j 18:37	26°♍15'08	0°17'04		-1784 Sep 10 j 07:03	0°♍		
desc. node	-1785 Oct 07 j 08:51	0°♎22'23						
	-1785 Oct 07 j 03:12	0°♎		superior conj	-1784 Sep 13 j 17:44	5°♍45'42	0°59'27	
max. Earth dist.	-1785 Oct 08 j 06:00	1°♎46'01	1.44722 AU	minimum elong	-1784 Sep 13 j 23:00	6°♍07'31	0°58'49	
evening rise	-1785 Oct 21 j 07:00	22°♎09'30		max. Earth dist.	-1784 Sep 19 j 22:08	15°♍50'37	1.43811 AU	
	-1785 Oct 26 j 08:34	0°♏		desc. node	-1784 Sep 23 j 05:52	21°♍08'14		
greatest brilliancy	-1785 Nov 07 j 10:56	18°♏13'43	-0.6m		-1784 Sep 28 j 21:48	0°♎		
evening max el	-1785 Nov 15 j 07:08	28°♏11'32	19°45'11	evening rise	-1784 Sep 29 j 13:22	1°♎00'11		
	-1785 Nov 17 j 05:12	0°♐			-1784 Oct 19 j 01:11	0°♏		
retrograde	-1785 Nov 22 j 17:30	2°♐31'24		greatest brilliancy	-1784 Oct 22 j 14:37	4°♏49'15	-0.5m	
asc. node	-1785 Nov 23 j 10:21	2°♐28'35		evening max el	-1784 Oct 28 j 08:32	11°♏38'24	20°48'19	
evening set	-1785 Nov 26 j 04:32	1°♐21'23		retrograde	-1784 Nov 05 j 15:00	16°♏32'14		
	-1785 Nov 27 j 20:05	30°℞♏		evening set	-1784 Nov 09 j 11:44	15°♏06'49		
inferior conj	-1785 Dec 01 j 18:21	25°♏19'56	2°35'30	asc. node	-1784 Nov 09 j 07:26	15°♏14'37		
minimum elong	-1785 Dec 01 j 15:29	25°♏29'21	2°34'35	inferior conj	-1784 Nov 14 j 22:27	8°♏54'43	1°50'59	
min. Earth dist.	-1785 Dec 02 j 18:58	23°♏58'58	0.66475 AU	minimum elong	-1784 Nov 14 j 20:09	9°♏02'36	1°50'06	
morning rise	-1785 Dec 07 j 01:48	19°♏05'44		min. Earth dist.	-1784 Nov 15 j 11:04	8°♏11'41	0.67150 AU	
direct	-1785 Dec 13 j 01:43	16°♏27'57		morning rise	-1784 Nov 20 j 04:08	2°♏38'29		
morning max el	-1785 Dec 25 j 04:35	23°♏38'48	25°33'27	direct	-1784 Nov 25 j 12:51	0°♏19'22		

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1784 Dec 06 j 13:12	6°♏53'37	24°09'54
desc. node	-1784 Dec 20 j 05:11	23°♏47'44	
	-1784 Dec 24 j 13:15	0°♐	
morning set	-1783 Jan 11 j 06:08	28°♐12'26	
	-1783 Jan 12 j 06:55	0°♑	
max. Earth dist.	-1783 Jan 15 j 02:34	4°♑59'08	1.38167 AU
superior conj	-1783 Jan 22 j 04:29	18°♑06'13	-1°-49'-17
minimum elong	-1783 Jan 22 j 07:30	18°♑20'34	1°49'08
	-1783 Jan 28 j 07:02	0°♒	
evening rise	-1783 Jan 31 j 00:42	5°♒23'57	
asc. node	-1783 Feb 05 j 06:46	15°♒29'50	
	-1783 Feb 14 j 14:32	0°♓	
evening max el	-1783 Feb 16 j 14:19	2°♓07'11	18°58'59
retrograde	-1783 Feb 25 j 01:39	6°♓11'41	
evening set	-1783 Feb 27 j 09:07	5°♓54'46	
inferior conj	-1783 Mar 07 j 09:08	1°♓38'53	2°44'13
minimum elong	-1783 Mar 07 j 13:47	1°♓30'40	2°43'04
	-1783 Mar 09 j 17:00	30°℞♒	
min. Earth dist.	-1783 Mar 10 j 13:10	29°♒25'21	0.57135 AU
morning rise	-1783 Mar 15 j 14:22	26°♒35'30	
desc. node	-1783 Mar 18 j 04:20	25°♒46'47	
direct	-1783 Mar 20 j 20:48	25°♒29'23	
	-1783 Mar 31 j 20:15	0°♓	
morning max el	-1783 Apr 04 j 03:29	2°♓53'10	25°41'59
	-1783 Apr 23 j 09:44	0°♈	
morning set	-1783 May 01 j 15:08	16°♈10'38	
asc. node	-1783 May 04 j 06:10	21°♈46'28	
	-1783 May 08 j 00:50	0°♉	
superior conj	-1783 May 08 j 16:04	1°♉23'15	0°45'00
minimum elong	-1783 May 08 j 14:14	1°♉13'10	0°44'40
max. Earth dist.	-1783 May 09 j 11:12	3°♉07'38	1.32704 AU
evening rise	-1783 May 15 j 19:12	16°♉38'27	
	-1783 May 22 j 14:28	0°♊	
	-1783 Jun 11 j 07:02	0°♋	
desc. node	-1783 Jun 14 j 03:32	3°♋09'59	
evening max el	-1783 Jun 16 j 03:48	5°♋10'46	27°09'12
retrograde	-1783 Jun 30 j 01:53	12°♋30'36	
evening set	-1783 Jul 07 j 02:43	10°♋14'01	
min. Earth dist.	-1783 Jul 10 j 17:42	7°♋28'32	0.61572 AU
inferior conj	-1783 Jul 13 j 21:15	4°♋39'25	-4°-19'-10
minimum elong	-1783 Jul 14 j 00:27	4°♋32'13	4°18'44
	-1783 Jul 20 j 07:39	30°℞♊	
morning rise	-1783 Jul 21 j 01:00	29°♊43'16	
direct	-1783 Jul 23 j 12:14	29°♊17'38	
	-1783 Jul 26 j 14:54	0°♋	
morning max el	-1783 Jul 30 j 10:43	2°♋45'20	17°58'54
asc. node	-1783 Jul 31 j 05:23	3°♋32'55	
morning set	-1783 Aug 15 j 10:03	27°♋52'19	
	-1783 Aug 16 j 13:58	0°♌	
superior conj	-1783 Aug 25 j 22:39	16°♌47'13	1°28'17
minimum elong	-1783 Aug 26 j 03:12	17°♌07'02	1°27'53
max. Earth dist.	-1783 Sep 02 j 09:16	29°♌24'46	1.42330 AU
	-1783 Sep 02 j 17:49	0°♍	
evening rise	-1783 Sep 09 j 00:01	10°♍05'58	
desc. node	-1783 Sep 10 j 02:53	11°♍51'50	
	-1783 Sep 22 j 01:29	0°♎	
greatest brilliancy	-1783 Oct 06 j 09:47	19°♎42'13	-0.4m
evening max el	-1783 Oct 11 j 04:03	25°♎05'45	22°02'10
	-1783 Oct 17 j 15:22	0°♏	
retrograde	-1783 Oct 20 j 11:06	0°♏37'21	
	-1783 Oct 23 j 02:42	30°℞♎	
evening set	-1783 Oct 24 j 19:41	28°♎54'29	
asc. node	-1783 Oct 27 j 04:30	26°♎32'52	
inferior conj	-1783 Oct 30 j 04:52	22°♎35'28	1°01'31
minimum elong	-1783 Oct 30 j 03:29	22°♎40'15	1°00'55
min. Earth dist.	-1783 Oct 30 j 06:41	22°♎29'11	0.67499 AU
morning rise	-1783 Nov 04 j 11:04	16°♎19'49	
direct	-1783 Nov 09 j 04:33	14°♎22'31	
morning max el	-1783 Nov 18 j 23:34	20°♎11'55	22°42'33
greatest brilliancy	-1783 Nov 23 j 16:15	25°♎27'52	-0.3m
	-1783 Nov 27 j 06:22	0°♏	
desc. node	-1783 Dec 07 j 02:14	13°♏42'07	
	-1783 Dec 17 j 19:14	0°♐	
morning set	-1783 Dec 22 j 22:37	8°♐16'44	
max. Earth dist.	-1783 Dec 27 j 22:19	16°♐37'14	1.40270 AU
superior conj	-1782 Jan 04 j 17:09	0°♑19'22	-1°-58'-23
minimum elong	-1782 Jan 04 j 18:04	0°♑23'28	1°58'24
	-1782 Jan 04 j 12:53	0°♑	
evening rise	-1782 Jan 14 j 14:04	18°♑45'57	
	-1782 Jan 20 j 15:06	0°♒	
asc. node	-1782 Jan 23 j 03:48	4°♒22'38	
evening max el	-1782 Jan 30 j 19:00	14°♒44'48	18°23'50
retrograde	-1782 Feb 07 j 03:41	18°♒22'34	
evening set	-1782 Feb 09 j 15:16	17°♒59'00	
inferior conj	-1782 Feb 16 j 22:26	13°♒22'34	3°35'43
minimum elong	-1782 Feb 17 j 01:27	13°♒16'21	3°35'16
min. Earth dist.	-1782 Feb 20 j 08:33	10°♒34'37	0.59062 AU
morning rise	-1782 Feb 24 j 08:03	7°♒53'36	
direct	-1782 Mar 02 j 15:10	6°♒09'20	
desc. node	-1782 Mar 05 j 01:24	6°♒24'27	
morning max el	-1782 Mar 16 j 22:12	13°♒48'20	26°55'52
	-1782 Mar 29 j 20:05	0°♓	
	-1782 Apr 15 j 12:54	0°♈	
morning set	-1782 Apr 16 j 01:15	1°♈04'10	
asc. node	-1782 Apr 21 j 03:12	11°♈57'08	
superior conj	-1782 Apr 23 j 03:49	16°♈23'19	0°21'15
minimum elong	-1782 Apr 23 j 02:53	16°♈18'11	0°21'04
max. Earth dist.	-1782 Apr 23 j 00:06	16°♈02'55	1.32448 AU
	-1782 Apr 29 j 10:33	0°♉	
evening rise	-1782 Apr 30 j 03:30	1°♉29'11	
	-1782 May 15 j 17:10	0°♊	
evening max el	-1782 May 29 j 04:32	17°♊00'11	26°20'25
desc. node	-1782 Jun 01 j 00:35	19°♊29'38	
retrograde	-1782 Jun 12 j 05:54	24°♊16'05	
evening set	-1782 Jun 18 j 15:20	22°♊34'02	
min. Earth dist.	-1782 Jun 22 j 17:39	19°♊55'12	0.59528 AU
inferior conj	-1782 Jun 26 j 02:14	17°♊18'12	-4°-33'-37
minimum elong	-1782 Jun 26 j 02:36	17°♊17'29	4°33'36
morning rise	-1782 Jul 03 j 17:23	12°♊44'19	
direct	-1782 Jul 06 j 04:41	12°♊22'39	
morning max el	-1782 Jul 13 j 20:32	16°♊03'30	18°21'54
asc. node	-1782 Jul 18 j 02:27	21°♊04'29	
	-1782 Jul 23 j 16:22	0°♋	
morning set	-1782 Jul 29 j 20:58	11°♋29'35	
superior conj	-1782 Aug 08 j 03:56	29°♋01'05	1°43'48
minimum elong	-1782 Aug 08 j 06:11	29°♋11'22	1°43'43
	-1782 Aug 08 j 16:48	0°♌	
max. Earth dist.	-1782 Aug 15 j 15:02	12°♌17'37	1.40472 AU
evening rise	-1782 Aug 20 j 06:54	20°♌09'07	
	-1782 Aug 26 j 09:42	0°♍	
desc. node	-1782 Aug 27 j 23:55	2°♍29'00	
	-1782 Sep 16 j 07:42	0°♎	
evening max el	-1782 Sep 23 j 18:39	8°♎34'47	23°21'57
retrograde	-1782 Oct 04 j 04:18	14°♎43'47	
evening set	-1782 Oct 09 j 02:37	12°♎42'06	
inferior conj	-1782 Oct 14 j 11:44	6°♎19'56	0°08'46
minimum elong	-1782 Oct 14 j 11:32	6°♎20'39	0°08'40
transit middle	-1782 Oct 14 j 11:32	6°♎20'39	0°08'40

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

transit begin	-1782 Oct 14 j 09:14	6°♎28'31	
transit end	-1782 Oct 14 j 13:49	6°♎12'47	
min. Earth dist.	-1782 Oct 14 j 03:16	6°♎48'58	0.67535 AU
asc. node	-1782 Oct 14 j 01:34	6°♎54'48	
morning rise	-1782 Oct 19 j 20:29	0°♎07'47	
	-1782 Oct 20 j 00:34	30°℞♍	
direct	-1782 Oct 23 j 23:46	28°♍32'26	
	-1782 Oct 28 j 07:43	0°♎	
morning max el	-1782 Nov 01 j 15:07	3°♎37'04	21°19'54
greatest brilliancy	-1782 Nov 06 j 21:34	9°♎41'53	-0.4m
	-1782 Nov 21 j 08:17	0°♏	
desc. node	-1782 Nov 23 j 23:16	3°♏56'23	
morning set	-1782 Dec 02 j 10:55	17°♏01'36	
max. Earth dist.	-1782 Dec 10 j 00:20	29°♏10'28	1.42233 AU
	-1782 Dec 10 j 12:23	0°♐	
superior conj	-1782 Dec 17 j 07:59	11°♐28'00	-1°-55'-20
minimum elong	-1782 Dec 17 j 05:01	11°♐15'17	1°55'17
	-1782 Dec 27 j 19:03	0°♑	
evening rise	-1782 Dec 28 j 14:25	1°♑27'43	
asc. node	-1781 Jan 10 j 00:50	22°♑38'59	
evening max el	-1781 Jan 14 j 05:01	27°♑44'59	18°08'36
	-1781 Jan 17 j 00:21	0°♒	
retrograde	-1781 Jan 20 j 22:32	1°♒11'44	
evening set	-1781 Jan 23 j 13:46	0°♒40'19	
	-1781 Jan 24 j 23:14	30°℞♑	
inferior conj	-1781 Jan 30 j 07:01	25°♑41'47	3°55'20
minimum elong	-1781 Jan 30 j 07:32	25°♑40'35	3°55'17
min. Earth dist.	-1781 Feb 02 j 10:14	22°♑44'00	0.61125 AU
morning rise	-1781 Feb 05 j 22:41	19°♑55'20	
direct	-1781 Feb 12 j 20:02	17°♑35'57	
desc. node	-1781 Feb 19 j 22:26	19°♑46'44	
morning max el	-1781 Feb 26 j 23:08	25°♑21'59	27°37'47
	-1781 Mar 03 j 06:13	0°♒	
	-1781 Mar 23 j 04:43	0°♓	
morning set	-1781 Mar 31 j 07:46	15°♓45'03	
max. Earth dist.	-1781 Apr 06 j 12:19	28°♓53'50	1.32549 AU
	-1781 Apr 07 j 00:28	0°♈	
superior conj	-1781 Apr 07 j 14:57	1°♈18'56	0°-4'-5
minimum elong	-1781 Apr 07 j 15:08	1°♈19'57	0°04'03
behind sun begin	-1781 Apr 07 j 10:13	0°♈53'06	
behind sun end	-1781 Apr 07 j 20:03	1°♈46'48	
asc. node	-1781 Apr 08 j 00:13	2°♈09'35	
evening rise	-1781 Apr 14 j 14:29	16°♈25'38	
	-1781 Apr 21 j 09:15	0°♉	
evening max el	-1781 May 10 j 22:51	28°♉07'26	25°03'57
	-1781 May 13 j 00:56	0°♊	
desc. node	-1781 May 18 j 21:35	3°♊50'04	
retrograde	-1781 May 24 j 23:18	5°♊15'00	
evening set	-1781 May 30 j 05:19	4°♊11'38	
min. Earth dist.	-1781 Jun 04 j 10:44	1°♊22'26	0.57560 AU
	-1781 Jun 06 j 11:54	30°℞♉	
inferior conj	-1781 Jun 07 j 12:10	29°♉18'39	-4°-18'-37
minimum elong	-1781 Jun 07 j 08:23	29°♉25'05	4°18'09
morning rise	-1781 Jun 15 j 15:22	25°♉06'13	
direct	-1781 Jun 18 j 04:00	24°♉47'24	
morning max el	-1781 Jun 26 j 23:05	28°♉53'59	19°05'25
	-1781 Jun 28 j 01:42	0°♊	
asc. node	-1781 Jul 04 j 23:30	9°♊24'44	
morning set	-1781 Jul 13 j 17:55	25°♊37'46	
	-1781 Jul 15 j 22:52	0°♋	
superior conj	-1781 Jul 22 j 03:54	12°♋11'48	1°48'12
minimum elong	-1781 Jul 22 j 03:54	12°♋11'48	1°48'15
max. Earth dist.	-1781 Jul 28 j 17:44	24°♋30'13	1.38484 AU
	-1781 Jul 31 j 19:45	0°♌	

evening rise	-1781 Aug 01 j 15:14	1°♌25'04	
desc. node	-1781 Aug 14 j 20:56	22°♌55'22	
	-1781 Aug 19 j 15:48	0°♍	
evening max el	-1781 Sep 06 j 06:25	22°♍06'49	24°41'15
retrograde	-1781 Sep 17 j 17:37	28°♍48'09	
evening set	-1781 Sep 23 j 06:51	26°♍27'57	
min. Earth dist.	-1781 Sep 27 j 22:22	21°♍09'30	0.67257 AU
inferior conj	-1781 Sep 28 j 17:21	20°♍06'17	0°-45'-43
minimum elong	-1781 Sep 28 j 18:28	20°♍02'35	0°45'15
asc. node	-1781 Sep 30 j 22:38	17°♍15'01	
morning rise	-1781 Oct 04 j 06:26	14°♍00'37	
direct	-1781 Oct 07 j 21:15	12°♍45'18	
morning max el	-1781 Oct 15 j 14:03	17°♍12'05	20°07'46
greatest brilliancy	-1781 Oct 22 j 15:28	25°♍49'34	-0.6m
	-1781 Oct 25 j 14:56	0°♎	
desc. node	-1781 Nov 10 j 20:17	24°♎24'32	
morning set	-1781 Nov 11 j 08:13	25°♎10'40	
	-1781 Nov 14 j 10:45	0°♏	
max. Earth dist.	-1781 Nov 22 j 10:23	12°♏36'13	1.43781 AU
superior conj	-1781 Nov 27 j 20:08	21°♏20'56	-1°-36'-5
minimum elong	-1781 Nov 27 j 13:08	20°♏52'19	1°35'32
	-1781 Dec 03 j 01:30	0°♐	
evening rise	-1781 Dec 10 j 21:30	13°♐20'28	
	-1781 Dec 20 j 16:55	0°♑	
asc. node	-1781 Dec 27 j 21:51	10°♑07'15	
evening max el	-1781 Dec 28 j 17:22	10°♑58'49	18°12'39
retrograde	-1780 Jan 04 j 05:41	14°♑27'44	
evening set	-1780 Jan 07 j 00:42	13°♑47'36	
inferior conj	-1780 Jan 13 j 07:08	8°♑28'09	3°51'17
minimum elong	-1780 Jan 13 j 05:38	8°♑32'12	3°51'08
min. Earth dist.	-1780 Jan 15 j 20:58	5°♑42'30	0.63049 AU
morning rise	-1780 Jan 19 j 08:47	2°♑29'42	
	-1780 Jan 24 j 09:03	30°℞♐	
direct	-1780 Jan 26 j 09:17	29°♐47'06	
	-1780 Jan 28 j 10:57	0°♑	
desc. node	-1780 Feb 06 j 19:29	5°♑20'06	
morning max el	-1780 Feb 09 j 05:36	7°♑35'33	27°43'05
	-1780 Feb 26 j 11:23	0°♒	
morning set	-1780 Mar 14 j 08:22	0°♓04'30	
	-1780 Mar 14 j 07:28	0°♓	
max. Earth dist.	-1780 Mar 19 j 19:49	11°♓25'21	1.33021 AU
superior conj	-1780 Mar 21 j 23:41	16°♓03'04	0°-30'-6
minimum elong	-1780 Mar 22 j 01:05	16°♓10'36	0°29'50
asc. node	-1780 Mar 24 j 21:14	22°♓18'53	
	-1780 Mar 28 j 11:07	0°♈	
evening rise	-1780 Mar 29 j 02:13	1°♈19'50	
	-1780 Apr 14 j 03:05	0°♉	
evening max el	-1780 Apr 21 j 13:52	8°♉47'33	23°31'35
desc. node	-1780 May 04 j 18:37	15°♉34'45	
retrograde	-1780 May 05 j 04:33	15°♉35'08	
evening set	-1780 May 09 j 00:53	15°♉02'34	
min. Earth dist.	-1780 May 16 j 00:26	11°♉49'16	0.55986 AU
inferior conj	-1780 May 18 j 01:59	10°♉35'20	-3°-23'-7
minimum elong	-1780 May 17 j 19:22	10°♉45'15	3°21'29
morning rise	-1780 May 26 j 17:22	6°♉38'06	
direct	-1780 May 29 j 08:02	6°♉21'09	
morning max el	-1780 Jun 08 j 15:56	11°♉08'02	20°09'43
asc. node	-1780 Jun 20 j 20:33	28°♉22'01	
	-1780 Jun 21 j 17:45	0°♊	
morning set	-1780 Jun 26 j 21:49	10°♊08'41	
superior conj	-1780 Jul 04 j 17:22	26°♊04'42	1°43'59
minimum elong	-1780 Jul 04 j 15:48	25°♊56'48	1°43'55
	-1780 Jul 06 j 16:33	0°♋	
max. Earth dist.	-1780 Jul 09 j 22:31	6°♋19'26	1.36610 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1780 Jul 13 j 22:31	13°♋48'34	
	-1780 Jul 23 j 07:14	0°♌	
desc. node	-1780 Jul 31 j 17:56	13°♌05'24	
	-1780 Aug 13 j 11:07	0°♍	
evening max el	-1780 Aug 18 j 17:28	5°♍40'56	25°52'36
retrograde	-1780 Aug 31 j 02:30	12°♍45'51	
evening set	-1780 Sep 06 j 06:32	10°♍10'01	
min. Earth dist.	-1780 Sep 10 j 13:39	5°♍28'32	0.66648 AU
inferior conj	-1780 Sep 11 j 19:57	3°♍52'33	-1°-40'-19
minimum elong	-1780 Sep 11 j 22:24	3°♍44'48	1°39'20
	-1780 Sep 15 j 03:05	30°℞♌	
asc. node	-1780 Sep 16 j 19:41	28°♌29'27	
morning rise	-1780 Sep 17 j 15:02	27°♌56'22	
direct	-1780 Sep 20 j 19:31	26°♌57'50	
	-1780 Sep 26 j 21:01	0°♍	
morning max el	-1780 Sep 27 j 20:17	0°♍56'17	19°09'37
	-1780 Oct 18 j 02:55	0°♎	
morning set	-1780 Oct 20 j 14:43	3°♎54'05	
desc. node	-1780 Oct 27 j 17:19	15°♎02'24	
max. Earth dist.	-1780 Nov 04 j 02:05	26°♎36'57	1.44711 AU
superior conj	-1780 Nov 06 j 07:06	0°♏06'26	0°-59'-18
minimum elong	-1780 Nov 06 j 00:07	29°♎38'48	0°58'30
	-1780 Nov 06 j 05:28	0°♏	
evening rise	-1780 Nov 21 j 07:01	24°♏16'45	
	-1780 Nov 24 j 18:33	0°♐	
evening max el	-1780 Dec 11 j 05:25	24°♐21'03	18°35'13
asc. node	-1780 Dec 13 j 18:53	26°♐34'23	
retrograde	-1780 Dec 17 j 20:52	28°♐02'52	
evening set	-1780 Dec 20 j 20:39	27°♐12'46	
inferior conj	-1780 Dec 26 j 18:58	21°♐34'49	3°30'35
minimum elong	-1780 Dec 26 j 16:21	21°♐42'37	3°30'04
min. Earth dist.	-1780 Dec 28 j 17:44	19°♐16'25	0.64672 AU
morning rise	-1779 Jan 01 j 10:48	15°♐28'05	
direct	-1779 Jan 08 j 05:54	12°♐37'02	
morning max el	-1779 Jan 21 j 15:01	20°♐20'47	27°13'34
desc. node	-1779 Jan 23 j 16:32	22°♐29'39	
	-1779 Jan 29 j 23:33	0°♑	
	-1779 Feb 18 j 12:27	0°♒	
morning set	-1779 Feb 26 j 00:09	13°♒53'16	
max. Earth dist.	-1779 Mar 02 j 18:31	23°♒24'56	1.33907 AU
	-1779 Mar 05 j 22:31	0°♓	
superior conj	-1779 Mar 06 j 04:11	0°♓29'45	0°-55'-48
minimum elong	-1779 Mar 06 j 06:43	0°♓43'08	0°55'22
asc. node	-1779 Mar 11 j 18:14	12°♓21'00	
evening rise	-1779 Mar 13 j 12:58	16°♓05'41	
	-1779 Mar 20 j 13:43	0°♈	
evening max el	-1779 Apr 03 j 08:16	19°♈29'50	21°57'56
retrograde	-1779 Apr 15 j 22:30	25°♈38'09	
evening set	-1779 Apr 18 j 15:36	25°♈21'46	
desc. node	-1779 Apr 21 j 15:39	24°♈28'38	
min. Earth dist.	-1779 Apr 27 j 13:52	21°♈31'29	0.55141 AU
inferior conj	-1779 Apr 28 j 00:32	21°♈16'29	-1°-46'-5
minimum elong	-1779 Apr 27 j 19:45	21°♈23'13	1°44'30
morning rise	-1779 May 07 j 01:13	17°♈19'39	
direct	-1779 May 09 j 21:38	17°♈01'32	
morning max el	-1779 May 21 j 21:54	22°♈40'25	21°32'54
	-1779 May 28 j 05:50	0°♉	
asc. node	-1779 Jun 07 j 17:35	17°♉47'07	
morning set	-1779 Jun 11 j 06:20	24°♉55'31	
	-1779 Jun 13 j 16:42	0°♊	
superior conj	-1779 Jun 18 j 16:17	10°♊27'29	1°33'09
minimum elong	-1779 Jun 18 j 13:54	10°♊15'01	1°32'56
max. Earth dist.	-1779 Jun 22 j 10:50	18°♊11'35	1.35037 AU
evening rise	-1779 Jun 26 j 23:44	27°♊06'27	
	-1779 Jun 28 j 12:24	0°♋	
	-1779 Jul 16 j 14:44	0°♌	
desc. node	-1779 Jul 18 j 14:57	2°♌51'22	
evening max el	-1779 Aug 01 j 04:56	19°♌11'49	26°48'04
retrograde	-1779 Aug 14 j 06:23	26°♌29'37	
evening set	-1779 Aug 20 j 23:24	23°♌44'39	
min. Earth dist.	-1779 Aug 24 j 22:49	19°♌41'12	0.65687 AU
inferior conj	-1779 Aug 26 j 17:33	17°♌35'00	-2°-33'-7
minimum elong	-1779 Aug 26 j 21:09	17°♌24'21	2°31'50
morning rise	-1779 Sep 01 j 20:09	11°♌51'22	
asc. node	-1779 Sep 03 j 16:45	11°♌11'33	
direct	-1779 Sep 04 j 16:41	11°♌06'00	
morning max el	-1779 Sep 11 j 08:00	14°♌45'03	18°27'15
	-1779 Sep 22 j 08:10	0°♍	
morning set	-1779 Sep 30 j 22:45	13°♍54'10	
	-1779 Oct 10 j 23:06	0°♎	
desc. node	-1779 Oct 14 j 14:20	5°♎45'46	
superior conj	-1779 Oct 16 j 07:00	8°♎26'17	0°-10'-57
minimum elong	-1779 Oct 16 j 05:34	8°♎20'35	0°10'46
behind sun begin	-1779 Oct 15 j 21:00	7°♎46'49	
behind sun end	-1779 Oct 16 j 14:07	8°♎54'20	
max. Earth dist.	-1779 Oct 17 j 20:04	10°♎52'16	1.44926 AU
	-1779 Oct 30 j 00:16	0°♏	
evening rise	-1779 Nov 01 j 16:10	4°♏11'33	
greatest brilliancy	-1779 Nov 14 j 10:32	24°♏08'24	-0.7m
	-1779 Nov 18 j 10:01	0°♐	
evening max el	-1779 Nov 24 j 14:48	7°♐47'11	19°15'09
asc. node	-1779 Nov 30 j 15:56	11°♐45'02	
retrograde	-1779 Dec 01 j 16:29	11°♐50'55	
evening set	-1779 Dec 04 j 22:47	10°♐48'56	
inferior conj	-1779 Dec 10 j 15:11	4°♐55'22	2°58'10
minimum elong	-1779 Dec 10 j 12:14	5°♐04'49	2°57'20
min. Earth dist.	-1779 Dec 11 j 23:32	3°♐12'15	0.65927 AU
	-1779 Dec 14 j 17:06	30°℞♏	
morning rise	-1779 Dec 16 j 00:48	28°♏43'10	
direct	-1779 Dec 22 j 08:48	25°♏57'16	
	-1779 Dec 31 j 06:47	0°♐	
morning max el	-1778 Jan 04 j 00:32	3°♐24'21	26°15'50
desc. node	-1778 Jan 10 j 13:36	10°♐47'13	
	-1778 Jan 24 j 07:00	0°♑	
morning set	-1778 Feb 09 j 03:16	26°♑59'22	
	-1778 Feb 10 j 17:35	0°♒	
max. Earth dist.	-1778 Feb 13 j 05:33	4°♒49'06	1.35242 AU
superior conj	-1778 Feb 18 j 02:07	14°♒32'07	-1°-19'-46
minimum elong	-1778 Feb 18 j 05:28	14°♒49'15	1°19'19
evening rise	-1778 Feb 25 j 20:50	0°♓37'13	
	-1778 Feb 25 j 13:36	0°♓	
asc. node	-1778 Feb 26 j 15:17	2°♓11'37	
	-1778 Mar 15 j 19:48	0°♈	
evening max el	-1778 Mar 16 j 11:55	0°♈39'41	20°34'41
retrograde	-1778 Mar 27 j 11:54	5°♈55'30	
evening set	-1778 Mar 29 j 17:26	5°♈43'24	
inferior conj	-1778 Apr 07 j 19:49	1°♈46'05	0°11'55
minimum elong	-1778 Apr 07 j 20:22	1°♈45'17	0°11'44
transit middle	-1778 Apr 07 j 20:22	1°♈45'17	0°11'44
transit begin	-1778 Apr 07 j 17:37	1°♈49'15	
transit end	-1778 Apr 07 j 23:06	1°♈41'19	
desc. node	-1778 Apr 08 j 12:42	1°♈21'35	
min. Earth dist.	-1778 Apr 09 j 03:55	0°♈59'35	0.55231 AU
	-1778 Apr 10 j 22:21	30°℞♓	
morning rise	-1778 Apr 16 j 21:28	27°♓31'12	
direct	-1778 Apr 20 j 09:48	27°♓04'21	
	-1778 Apr 29 j 06:42	0°♈	
morning max el	-1778 May 03 j 18:13	3°♈34'48	23°09'32
	-1778 May 21 j 20:06	0°♉	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1778 May 25 j 14:39	7°♉32'52	
morning set	-1778 May 26 j 17:34	9°♉52'47	
superior conj	-1778 Jun 02 j 21:39	25°♉10'58	1°17'19
minimum elong	-1778 Jun 02 j 19:05	24°♉57'15	1°16'58
	-1778 Jun 05 j 04:10	0°♊	
max. Earth dist.	-1778 Jun 05 j 09:11	0°♊26'25	1.33842 AU
evening rise	-1778 Jun 10 j 14:10	11°♊05'24	
	-1778 Jun 20 j 20:18	0°♋	
desc. node	-1778 Jul 05 j 11:59	22°♋03'12	
	-1778 Jul 12 j 04:49	0°♌	
evening max el	-1778 Jul 14 j 16:25	2°♌30'47	27°20'03
retrograde	-1778 Jul 28 j 04:42	9°♌52'04	
evening set	-1778 Aug 04 j 06:40	7°♌07'55	
min. Earth dist.	-1778 Aug 07 j 23:45	3°♌40'50	0.64363 AU
inferior conj	-1778 Aug 10 j 07:51	1°♌09'40	-3°-21'-31
minimum elong	-1778 Aug 10 j 12:07	0°♌58'07	3°20'18
	-1778 Aug 11 j 09:58	30°℞♋	
morning rise	-1778 Aug 16 j 19:19	25°♋41'47	
direct	-1778 Aug 19 j 10:26	25°♋06'06	
asc. node	-1778 Aug 21 j 13:51	25°♋29'52	
morning max el	-1778 Aug 25 j 22:48	28°♋33'58	18°01'53
	-1778 Aug 27 j 06:43	0°♌	
morning set	-1778 Sep 12 j 10:29	25°♌14'37	
	-1778 Sep 15 j 05:54	0°♍	
superior conj	-1778 Sep 25 j 18:14	17°♍23'02	0°36'38
minimum elong	-1778 Sep 25 j 22:16	17°♍39'19	0°36'06
max. Earth dist.	-1778 Sep 30 j 13:47	25°♍06'05	1.44416 AU
desc. node	-1778 Oct 01 j 11:22	26°♍31'40	
	-1778 Oct 03 j 16:09	0°♎	
evening rise	-1778 Oct 12 j 04:42	13°♎16'20	
	-1778 Oct 23 j 03:45	0°♏	
greatest brilliancy	-1778 Nov 01 j 00:59	12°♏54'30	-0.6m
evening max el	-1778 Nov 07 j 19:36	21°♏14'40	20°10'34
retrograde	-1778 Nov 15 j 13:50	25°♏47'59	
asc. node	-1778 Nov 17 j 13:01	25°♏25'45	
evening set	-1778 Nov 19 j 04:44	24°♏31'46	
inferior conj	-1778 Nov 24 j 17:04	18°♏25'39	2°17'21
minimum elong	-1778 Nov 24 j 14:23	18°♏34'38	2°16'24
min. Earth dist.	-1778 Nov 25 j 12:27	17°♏20'41	0.66808 AU
morning rise	-1778 Nov 29 j 23:27	12°♏10'23	
direct	-1778 Dec 05 j 17:10	9°♏39'38	
morning max el	-1778 Dec 17 j 09:04	16°♏36'03	24°58'54
desc. node	-1778 Dec 28 j 10:39	29°♏52'46	
	-1778 Dec 28 j 12:48	0°♐	
	-1777 Jan 17 j 06:07	0°♑	
morning set	-1777 Jan 22 j 12:23	9°♑07'04	
max. Earth dist.	-1777 Jan 26 j 05:47	15°♑52'51	1.37011 AU
superior conj	-1777 Feb 01 j 14:27	28°♑01'01	-1°-40'-10
minimum elong	-1777 Feb 01 j 17:54	28°♑18'01	1°39'52
	-1777 Feb 02 j 14:37	0°♒	
evening rise	-1777 Feb 09 j 23:41	14°♒47'31	
asc. node	-1777 Feb 13 j 12:20	21°♒45'03	
	-1777 Feb 18 j 00:11	0°♓	
evening max el	-1777 Feb 27 j 02:28	12°♓25'51	19°28'18
retrograde	-1777 Mar 08 j 09:38	16°♓52'23	
evening set	-1777 Mar 10 j 15:19	16°♓38'08	
inferior conj	-1777 Mar 19 j 01:42	12°♓31'57	1°57'53
minimum elong	-1777 Mar 19 j 05:59	12°♓25'00	1°56'35
min. Earth dist.	-1777 Mar 21 j 18:32	10°♓47'20	0.56237 AU
desc. node	-1777 Mar 26 j 09:46	8°♓16'58	
morning rise	-1777 Mar 27 j 16:59	7°♓47'05	
direct	-1777 Apr 01 j 07:17	6°♓59'14	
morning max el	-1777 Apr 15 j 09:14	14°♓07'30	24°49'08
	-1777 Apr 27 j 20:07	0°♈	
morning set	-1777 May 11 j 05:43	24°♈53'27	
asc. node	-1777 May 12 j 11:42	27°♈32'13	
	-1777 May 13 j 15:18	0°♉	
superior conj	-1777 May 18 j 07:00	10°♉06'00	0°57'40
minimum elong	-1777 May 18 j 04:46	9°♉53'54	0°57'18
max. Earth dist.	-1777 May 19 j 15:58	13°♉04'39	1.33023 AU
evening rise	-1777 May 25 j 13:47	25°♉31'58	
	-1777 May 27 j 19:09	0°♊	
	-1777 Jun 14 j 08:35	0°♋	
desc. node	-1777 Jun 22 j 09:00	10°♋25'42	
evening max el	-1777 Jun 27 j 01:39	15°♋23'38	27°22'30
retrograde	-1777 Jul 10 j 20:34	22°♋43'40	
evening set	-1777 Jul 18 j 00:45	20°♋13'07	
min. Earth dist.	-1777 Jul 21 j 14:44	17°♋15'56	0.62682 AU
inferior conj	-1777 Jul 24 j 11:55	14°♋29'24	-4°-1'-48
minimum elong	-1777 Jul 24 j 15:56	14°♋19'42	4°01'02
morning rise	-1777 Jul 31 j 09:27	9°♋20'42	
direct	-1777 Aug 02 j 21:35	8°♋51'55	
asc. node	-1777 Aug 08 j 10:56	11°♋15'10	
morning max el	-1777 Aug 09 j 13:57	12°♋16'47	17°54'34
	-1777 Aug 21 j 13:06	0°♌	
morning set	-1777 Aug 25 j 20:56	7°♌40'17	
superior conj	-1777 Sep 06 j 07:09	27°♌36'30	1°13'24
minimum elong	-1777 Sep 06 j 12:27	27°♌58'58	1°12'51
	-1777 Sep 07 j 17:14	0°♍	
max. Earth dist.	-1777 Sep 13 j 04:27	9°♍01'03	1.43245 AU
desc. node	-1777 Sep 18 j 08:23	17°♍16'56	
evening rise	-1777 Sep 21 j 10:30	22°♍07'19	
	-1777 Sep 26 j 13:24	0°♎	
greatest brilliancy	-1777 Oct 16 j 14:19	28°♎41'47	-0.4m
	-1777 Oct 17 j 15:20	0°♏	
evening max el	-1777 Oct 21 j 18:34	4°♏42'04	21°18'44
retrograde	-1777 Oct 30 j 10:50	9°♏51'09	
evening set	-1777 Nov 03 j 12:27	8°♏18'23	
asc. node	-1777 Nov 04 j 10:05	7°♏32'26	
inferior conj	-1777 Nov 08 j 22:21	2°♏03'02	1°30'31
minimum elong	-1777 Nov 08 j 20:24	2°♏09'45	1°29'43
min. Earth dist.	-1777 Nov 09 j 06:13	1°♏35'57	0.67338 AU
	-1777 Nov 10 j 10:29	30°℞♎	
morning rise	-1777 Nov 14 j 04:00	25°♎47'01	
direct	-1777 Nov 19 j 06:14	23°♎37'02	
	-1777 Nov 29 j 21:08	0°♏	
morning max el	-1777 Nov 29 j 17:59	29°♎52'01	23°32'46
desc. node	-1777 Dec 15 j 07:42	19°♏32'24	
	-1777 Dec 22 j 09:53	0°♐	
morning set	-1776 Jan 03 j 21:18	20°♐00'11	
max. Earth dist.	-1776 Jan 08 j 01:24	27°♐10'58	1.39061 AU
	-1776 Jan 09 j 15:41	0°♑	
superior conj	-1776 Jan 15 j 13:11	10°♑45'46	-1°-54'-22
minimum elong	-1776 Jan 15 j 15:31	10°♑56'42	1°54'17
evening rise	-1776 Jan 24 j 18:54	28°♑29'53	
	-1776 Jan 25 j 13:31	0°♒	
asc. node	-1776 Jan 31 j 09:23	10°♒55'11	
evening max el	-1776 Feb 10 j 02:40	24°♒46'41	18°41'31
retrograde	-1776 Feb 18 j 01:11	28°♒37'56	
evening set	-1776 Feb 20 j 10:28	28°♒18'19	
inferior conj	-1776 Feb 28 j 02:59	23°♒53'40	3°10'26
minimum elong	-1776 Feb 28 j 07:11	23°♒45'44	3°09'33
min. Earth dist.	-1776 Mar 02 j 11:20	21°♒23'05	0.57920 AU
morning rise	-1776 Mar 07 j 00:00	18°♒38'35	
desc. node	-1776 Mar 12 j 06:49	17°♒17'32	
direct	-1776 Mar 12 j 17:50	17°♒17'00	
morning max el	-1776 Mar 27 j 01:22	24°♒47'42	26°16'43
	-1776 Mar 31 j 20:22	0°♓	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1776 Apr 19 j 20:04	0°♈	
morning set	-1776 Apr 24 j 17:05	9°♈51'41	
asc. node	-1776 Apr 28 j 08:45	17°♈40'13	
superior conj	-1776 May 01 j 18:21	25°♈06'03	0°35'11
minimum elong	-1776 May 01 j 16:52	24°♈57'52	0°34'53
max. Earth dist.	-1776 May 02 j 03:47	25°♈57'41	1.32561 AU
	-1776 May 04 j 00:09	0°♉	
evening rise	-1776 May 08 j 19:38	10°♉16'15	
	-1776 May 19 j 02:26	0°♊	
evening max el	-1776 Jun 08 j 05:54	27°♊37'47	26°52'07
desc. node	-1776 Jun 08 j 06:02	27°♊38'05	
	-1776 Jun 10 j 22:15	0°♋	
retrograde	-1776 Jun 22 j 05:15	4°♋55'41	
evening set	-1776 Jun 29 j 01:20	2°♋52'24	
min. Earth dist.	-1776 Jul 02 j 19:27	0°♋12'11	0.60720 AU
	-1776 Jul 03 j 01:26	30°℞♊	
inferior conj	-1776 Jul 06 j 02:21	27°♊25'43	-4°-28'-8
minimum elong	-1776 Jul 06 j 04:34	27°♊21'00	4°27'57
morning rise	-1776 Jul 13 j 10:53	22°♊39'03	
direct	-1776 Jul 15 j 22:06	22°♊15'09	
morning max el	-1776 Jul 23 j 02:35	25°♊46'37	18°06'16
asc. node	-1776 Jul 25 j 08:01	28°♊12'28	
	-1776 Jul 26 j 17:29	0°♋	
morning set	-1776 Aug 08 j 00:17	20°♋55'01	
	-1776 Aug 12 j 21:38	0°♌	
superior conj	-1776 Aug 17 j 23:03	9°♌10'32	1°36'23
minimum elong	-1776 Aug 18 j 02:41	9°♌26'44	1°36'09
max. Earth dist.	-1776 Aug 25 j 13:32	22°♌19'37	1.41570 AU
	-1776 Aug 30 j 05:14	0°♍	
evening rise	-1776 Aug 31 j 04:17	1°♍33'01	
desc. node	-1776 Sep 04 j 05:23	7°♍58'04	
	-1776 Sep 19 j 00:55	0°♎	
greatest brilliancy	-1776 Sep 28 j 16:07	12°♎45'13	-0.3m
evening max el	-1776 Oct 03 j 11:39	18°♎09'12	22°35'45
retrograde	-1776 Oct 13 j 05:50	23°♎57'09	
evening set	-1776 Oct 17 j 20:09	22°♎06'06	
asc. node	-1776 Oct 21 j 07:09	18°♎20'50	
inferior conj	-1776 Oct 23 j 05:07	15°♎45'07	0°39'25
minimum elong	-1776 Oct 23 j 04:12	15°♎48'16	0°39'01
min. Earth dist.	-1776 Oct 23 j 02:26	15°♎54'22	0.67547 AU
morning rise	-1776 Oct 28 j 12:11	9°♎30'48	
direct	-1776 Nov 01 j 23:21	7°♎43'14	
morning max el	-1776 Nov 11 j 06:17	13°♎13'06	22°06'31
greatest brilliancy	-1776 Nov 15 j 23:49	18°♎33'46	-0.4m
	-1776 Nov 24 j 13:54	0°♏	
desc. node	-1776 Dec 01 j 04:43	9°♏35'49	
morning set	-1776 Dec 14 j 01:13	29°♏28'15	
	-1776 Dec 14 j 09:06	0°♐	
max. Earth dist.	-1776 Dec 19 j 23:35	9°♐12'28	1.41136 AU
superior conj	-1776 Dec 27 j 17:09	22°♐32'24	-1°-58'-50
minimum elong	-1776 Dec 27 j 16:36	22°♐29'58	1°58'52
	-1776 Dec 31 j 20:39	0°♑	
evening rise	-1775 Jan 07 j 03:10	11°♑35'40	
asc. node	-1775 Jan 17 j 06:25	29°♑33'41	
	-1775 Jan 17 j 13:09	0°♒	
evening max el	-1775 Jan 23 j 09:51	7°♒34'15	18°14'55
retrograde	-1775 Jan 30 j 10:59	11°♒06'01	
evening set	-1775 Feb 02 j 00:01	10°♒39'20	
inferior conj	-1775 Feb 09 j 00:52	5°♒53'22	3°47'26
minimum elong	-1775 Feb 09 j 02:48	5°♒49'05	3°47'14
min. Earth dist.	-1775 Feb 12 j 09:08	2°♒58'10	0.59936 AU
morning rise	-1775 Feb 16 j 02:24	0°♒15'44	
	-1775 Feb 16 j 13:16	30°℞♑	
direct	-1775 Feb 22 j 16:42	28°♑15'42	
desc. node	-1775 Feb 27 j 03:52	29°♑07'22	
	-1775 Mar 01 j 02:48	0°♒	
morning max el	-1775 Mar 08 j 22:53	5°♒58'53	27°18'05
	-1775 Mar 26 j 21:16	0°♓	
morning set	-1775 Apr 09 j 01:56	24°♓41'05	
	-1775 Apr 11 j 14:30	0°♈	
asc. node	-1775 Apr 15 j 05:47	7°♈52'18	
max. Earth dist.	-1775 Apr 15 j 16:53	8°♈53'03	1.32446 AU
superior conj	-1775 Apr 16 j 06:02	10°♈05'03	0°10'40
minimum elong	-1775 Apr 16 j 05:33	10°♈02'25	0°10'34
behind sun begin	-1775 Apr 16 j 01:48	9°♈41'51	
behind sun end	-1775 Apr 16 j 09:19	10°♈22'59	
evening rise	-1775 Apr 23 j 05:17	25°♈10'14	
	-1775 Apr 25 j 13:15	0°♉	
	-1775 May 13 j 05:15	0°♊	
evening max el	-1775 May 21 j 03:34	9°♊07'59	25°50'35
desc. node	-1775 May 26 j 03:02	13°♊11'51	
retrograde	-1775 Jun 04 j 05:20	16°♊22'02	
evening set	-1775 Jun 10 j 04:29	14°♊56'16	
min. Earth dist.	-1775 Jun 14 j 15:59	12°♊15'08	0.58663 AU
inferior conj	-1775 Jun 17 j 23:34	9°♊49'27	-4°-31'-35
minimum elong	-1775 Jun 17 j 22:14	9°♊51'54	4°31'30
morning rise	-1775 Jun 25 j 19:50	5°♊25'26	
direct	-1775 Jun 28 j 07:30	5°♊05'11	
morning max el	-1775 Jul 06 j 09:47	8°♊55'09	18°37'55
asc. node	-1775 Jul 12 j 05:03	16°♊06'44	
	-1775 Jul 20 j 04:14	0°♋	
morning set	-1775 Jul 22 j 15:55	4°♋46'56	
superior conj	-1775 Jul 31 j 13:03	21°♋51'30	1°46'53
minimum elong	-1775 Jul 31 j 14:17	21°♋57'16	1°46'52
	-1775 Aug 04 j 23:14	0°♌	
max. Earth dist.	-1775 Aug 07 j 17:13	4°♌53'38	1.39621 AU
evening rise	-1775 Aug 11 j 21:59	12°♌07'19	
desc. node	-1775 Aug 22 j 02:24	28°♌31'35	
	-1775 Aug 23 j 01:30	0°♍	
	-1775 Sep 14 j 10:12	0°♎	
evening max el	-1775 Sep 16 j 00:34	1°♎39'07	23°56'08
retrograde	-1775 Sep 26 j 21:39	8°♎03'33	
evening set	-1775 Oct 02 j 02:10	5°♎53'46	
inferior conj	-1775 Oct 07 j 11:39	29°♍31'03	0°-14'-15
minimum elong	-1775 Oct 07 j 12:00	29°♍29'54	0°14'07
transit middle	-1775 Oct 07 j 12:00	29°♍29'54	0°14'07
transit begin	-1775 Oct 07 j 10:38	29°♍34'32	
transit end	-1775 Oct 07 j 13:22	29°♍25'16	
min. Earth dist.	-1775 Oct 06 j 22:44	0°♎14'57	0.67451 AU
	-1775 Oct 07 j 03:09	30°℞♍	
asc. node	-1775 Oct 08 j 04:11	28°♍35'07	
morning rise	-1775 Oct 12 j 22:02	23°♍21'10	
direct	-1775 Oct 16 j 19:39	21°♍54'51	
morning max el	-1775 Oct 25 j 00:54	26°♍42'51	20°47'38
	-1775 Oct 28 j 00:03	0°♎	
greatest brilliancy	-1775 Oct 30 j 22:43	3°♎40'50	-0.5m
desc. node	-1775 Nov 18 j 01:45	29°♎56'39	
	-1775 Nov 18 j 02:38	0°♏	
morning set	-1775 Nov 23 j 04:28	7°♏49'49	
max. Earth dist.	-1775 Dec 02 j 04:31	22°♏07'13	1.42952 AU
	-1775 Dec 06 j 23:43	0°♐	
superior conj	-1775 Dec 08 j 20:55	3°♐08'59	-1°-49'-20
minimum elong	-1775 Dec 08 j 16:04	2°♐48'34	1°49'06
evening rise	-1775 Dec 20 j 20:40	23°♐57'11	
	-1775 Dec 24 j 06:28	0°♑	
asc. node	-1774 Jan 04 j 03:26	17°♑31'00	
evening max el	-1774 Jan 06 j 21:10	20°♑40'47	18°08'03
retrograde	-1774 Jan 13 j 11:29	24°♑07'03	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1774 Jan 16 j 04:10	23°♑32'11	
inferior conj	-1774 Jan 22 j 16:30	18°♑24'51	3°56'00
minimum elong	-1774 Jan 22 j 16:03	18°♑25'58	3°55'59
min. Earth dist.	-1774 Jan 25 j 14:38	15°♑29'30	0.61970 AU
morning rise	-1774 Jan 29 j 01:38	12°♑32'34	
direct	-1774 Feb 05 j 01:37	10°♑01'11	
desc. node	-1774 Feb 14 j 00:55	13°♑29'21	
morning max el	-1774 Feb 19 j 02:23	17°♑49'51	27°44'30
	-1774 Mar 01 j 07:29	0°♒	
	-1774 Mar 19 j 13:55	0°♓	
morning set	-1774 Mar 24 j 06:13	9°♓13'58	
max. Earth dist.	-1774 Mar 30 j 03:22	21°♓36'23	1.32694 AU
superior conj	-1774 Mar 31 j 16:22	24°♓56'45	0°-15'-4
minimum elong	-1774 Mar 31 j 17:04	25°♓00'33	0°14'57
behind sun begin	-1774 Mar 31 j 15:21	24°♓51'16	
behind sun end	-1774 Mar 31 j 18:46	25°♓09'49	
asc. node	-1774 Apr 02 j 02:47	28°♓04'02	
	-1774 Apr 03 j 00:05	0°♈	
evening rise	-1774 Apr 07 j 16:47	10°♈06'25	
	-1774 Apr 18 j 00:01	0°♉	
evening max el	-1774 May 02 j 19:52	20°♉01'19	24°25'51
desc. node	-1774 May 13 j 00:04	26°♉30'31	
retrograde	-1774 May 16 j 18:09	27°♉02'52	
evening set	-1774 May 21 j 09:37	26°♉14'26	
min. Earth dist.	-1774 May 27 j 07:35	23°♉16'09	0.56816 AU
inferior conj	-1774 May 30 j 00:52	21°♉31'58	-4°00'-30
minimum elong	-1774 May 29 j 19:30	21°♉40'36	3°59'34
morning rise	-1774 Jun 07 j 09:20	17°♉27'03	
direct	-1774 Jun 09 j 22:25	17°♉09'20	
morning max el	-1774 Jun 19 j 08:32	21°♉31'49	19°30'13
	-1774 Jun 26 j 04:21	0°♊	
asc. node	-1774 Jun 29 j 02:05	4°♊44'16	
morning set	-1774 Jul 06 j 16:10	19°♊05'52	
	-1774 Jul 12 j 02:24	0°♋	
superior conj	-1774 Jul 14 j 19:21	5°♋22'04	1°47'21
minimum elong	-1774 Jul 14 j 18:35	5°♋18'20	1°47'21
max. Earth dist.	-1774 Jul 20 j 19:42	16°♋52'00	1.37661 AU
evening rise	-1774 Jul 24 j 16:42	23°♋54'06	
	-1774 Jul 28 j 04:42	0°♌	
desc. node	-1774 Aug 08 j 23:26	18°♌51'56	
	-1774 Aug 16 j 18:26	0°♍	
evening max el	-1774 Aug 29 j 11:52	15°♍12'46	25°13'04
retrograde	-1774 Sep 10 j 09:13	22°♍05'39	
evening set	-1774 Sep 16 j 04:42	19°♍38'32	
min. Earth dist.	-1774 Sep 20 j 16:38	14°♍35'16	0.67039 AU
inferior conj	-1774 Sep 21 j 16:14	13°♍18'06	-1°-8'-58
minimum elong	-1774 Sep 21 j 17:55	13°♍12'36	1°08'16
asc. node	-1774 Sep 25 j 01:14	9°♍12'47	
morning rise	-1774 Sep 27 j 07:39	7°♍15'46	
direct	-1774 Sep 30 j 17:47	6°♍07'58	
morning max el	-1774 Oct 08 j 02:58	10°♍21'47	19°41'05
greatest brilliancy	-1774 Oct 16 j 09:47	20°♍49'27	-0.6m
	-1774 Oct 22 j 15:08	0°♎	
morning set	-1774 Nov 02 j 02:41	16°♎05'02	
desc. node	-1774 Nov 04 j 22:49	20°♎29'36	
	-1774 Nov 11 j 00:39	0°♏	
max. Earth dist.	-1774 Nov 14 j 16:51	5°♏48'34	1.44260 AU
superior conj	-1774 Nov 18 j 21:36	12°♏31'07	-1°-22'-28
minimum elong	-1774 Nov 18 j 13:52	12°♏00'00	1°21'44
	-1774 Nov 29 j 13:18	0°♐	
evening rise	-1774 Dec 02 j 19:01	5°♐26'34	
	-1774 Dec 18 j 01:17	0°♑	
evening max el	-1774 Dec 21 j 09:46	3°♑59'27	18°20'09
asc. node	-1774 Dec 22 j 00:26	4°♑35'23	
retrograde	-1774 Dec 27 j 22:23	7°♑32'20	
evening set	-1774 Dec 30 j 19:19	6°♑48'05	
inferior conj	-1773 Jan 05 j 22:01	1°♑20'42	3°44'11
minimum elong	-1773 Jan 05 j 19:56	1°♑26'34	3°43'53
	-1773 Jan 07 j 02:37	30°℞♐	
min. Earth dist.	-1773 Jan 08 j 05:34	28°♐45'09	0.63784 AU
morning rise	-1773 Jan 11 j 19:01	25°♐18'37	
direct	-1773 Jan 18 j 18:19	22°♐30'21	
desc. node	-1773 Jan 31 j 21:59	29°♐47'43	
	-1773 Feb 01 j 03:01	0°♑	
morning max el	-1773 Feb 01 j 10:11	0°♑17'41	27°34'29
	-1773 Feb 23 j 07:13	0°♒	
morning set	-1773 Mar 08 j 03:29	23°♒22'02	
	-1773 Mar 11 j 10:11	0°♓	
max. Earth dist.	-1773 Mar 13 j 07:27	3°♓55'19	1.33339 AU
superior conj	-1773 Mar 15 j 23:36	9°♓35'01	0°-41'-6
minimum elong	-1773 Mar 16 j 01:30	9°♓45'11	0°40'45
asc. node	-1773 Mar 19 j 23:49	18°♓11'24	
evening rise	-1773 Mar 23 j 04:20	24°♓58'29	
	-1773 Mar 25 j 14:37	0°♈	
	-1773 Apr 13 j 19:23	0°♉	
evening max el	-1773 Apr 14 j 11:44	0°♉40'10	22°51'16
retrograde	-1773 Apr 27 j 17:53	7°♉12'40	
desc. node	-1773 Apr 29 j 21:04	7°♉02'36	
evening set	-1773 May 01 j 01:03	6°♉48'53	
min. Earth dist.	-1773 May 08 j 21:05	3°♉21'50	0.55525 AU
inferior conj	-1773 May 10 j 07:17	2°♉32'34	-2°-46'-27
minimum elong	-1773 May 10 j 00:47	2°♉41'58	2°44'35
	-1773 May 15 j 01:45	30°℞♈	
morning rise	-1773 May 19 j 03:12	28°♈37'23	
direct	-1773 May 21 j 19:42	28°♈20'21	
	-1773 May 28 j 02:40	0°♉	
morning max el	-1773 Jun 01 j 20:44	3°♉28'38	20°42'51
asc. node	-1773 Jun 15 j 23:09	23°♉54'55	
	-1773 Jun 19 j 01:59	0°♊	
morning set	-1773 Jun 20 j 22:21	3°♊44'51	
superior conj	-1773 Jun 28 j 13:18	19°♊29'09	1°40'05
minimum elong	-1773 Jun 28 j 11:17	19°♊18'53	1°39'58
max. Earth dist.	-1773 Jul 03 j 03:28	28°♊40'53	1.35909 AU
	-1773 Jul 03 j 19:41	0°♋	
evening rise	-1773 Jul 07 j 08:19	6°♋43'02	
	-1773 Jul 20 j 22:39	0°♌	
desc. node	-1773 Jul 26 j 20:25	8°♌52'47	
evening max el	-1773 Aug 11 j 23:20	28°♌47'25	26°18'35
	-1773 Aug 13 j 06:10	0°♍	
retrograde	-1773 Aug 24 j 15:53	5°♍58'09	
evening set	-1773 Aug 31 j 01:45	3°♍17'45	
	-1773 Sep 03 j 07:00	30°℞♌	
min. Earth dist.	-1773 Sep 04 j 05:38	28°♌52'17	0.66290 AU
inferior conj	-1773 Sep 05 j 17:00	27°♌03'22	-2°-3'-3
minimum elong	-1773 Sep 05 j 19:58	26°♌54'12	2°01'55
morning rise	-1773 Sep 11 j 15:05	21°♌11'58	
asc. node	-1773 Sep 11 j 22:19	21°♌02'04	
direct	-1773 Sep 14 j 15:59	20°♌19'18	
morning max el	-1773 Sep 21 j 11:44	24°♌08'09	18°49'30
	-1773 Sep 26 j 07:49	0°♍	
morning set	-1773 Oct 12 j 19:01	25°♍18'51	
	-1773 Oct 15 j 18:00	0°♎	
desc. node	-1773 Oct 22 j 19:51	11°♎10'14	
max. Earth dist.	-1773 Oct 28 j 10:23	19°♎59'34	1.44898 AU
superior conj	-1773 Oct 29 j 01:18	20°♎58'17	0°-39'-30
minimum elong	-1773 Oct 28 j 20:12	20°♎38'14	0°38'53
	-1773 Nov 03 j 18:32	0°♏	
evening rise	-1773 Nov 13 j 18:14	15°♏56'42	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1773 Nov 22 j 12:02	0°♐	
evening max el	-1773 Dec 04 j 21:01	17°♐24'06	18°50'13
asc. node	-1773 Dec 08 j 21:30	20°♐32'08	
retrograde	-1773 Dec 11 j 15:48	21°♐13'53	
evening set	-1773 Dec 14 j 18:15	20°♐18'47	
inferior conj	-1773 Dec 20 j 13:47	14°♐33'44	3°18'02
minimum elong	-1773 Dec 20 j 10:56	14°♐42'30	3°17'22
min. Earth dist.	-1773 Dec 22 j 06:10	12°♐30'02	0.65254 AU
morning rise	-1773 Dec 26 j 02:35	8°♐24'38	
direct	-1772 Jan 01 j 17:32	5°♐34'33	
morning max el	-1772 Jan 14 j 19:50	13°♐11'58	26°52'03
desc. node	-1772 Jan 18 j 19:04	17°♐29'08	
	-1772 Jan 28 j 10:43	0°♑	
	-1772 Feb 15 j 21:57	0°♒	
morning set	-1772 Feb 19 j 14:24	6°♒53'52	
max. Earth dist.	-1772 Feb 24 j 01:33	15°♒40'08	1.34422 AU
superior conj	-1772 Feb 28 j 01:36	23°♒52'11	-1°-6'-17
minimum elong	-1772 Feb 28 j 04:33	24°♒07'30	1°05'48
	-1772 Mar 01 j 23:47	0°♓	
asc. node	-1772 Mar 05 j 20:51	8°♓09'18	
evening rise	-1772 Mar 06 j 14:06	9°♓39'06	
	-1772 Mar 17 j 10:22	0°♈	
evening max el	-1772 Mar 26 j 09:30	11°♈31'17	21°20'42
retrograde	-1772 Apr 07 j 08:13	17°♈17'52	
evening set	-1772 Apr 09 j 18:47	17°♈04'13	
desc. node	-1772 Apr 15 j 18:07	14°♈53'37	
inferior conj	-1772 Apr 19 j 02:32	13°♈04'24	0°-56'-41
minimum elong	-1772 Apr 18 j 23:52	13°♈08'09	0°55'44
min. Earth dist.	-1772 Apr 19 j 10:18	12°♈53'29	0.55065 AU
morning rise	-1772 Apr 28 j 05:01	9°♈02'31	
direct	-1772 May 01 j 06:57	8°♈41'51	
morning max el	-1772 May 13 j 22:07	14°♈42'50	22°12'55
	-1772 May 25 j 13:30	0°♉	
asc. node	-1772 Jun 01 j 20:14	13°♉29'42	
morning set	-1772 Jun 04 j 08:16	18°♉37'05	
	-1772 Jun 09 j 17:34	0°♊	
superior conj	-1772 Jun 11 j 15:17	4°♊01'45	1°26'57
minimum elong	-1772 Jun 11 j 12:45	3°♊48'23	1°26'41
max. Earth dist.	-1772 Jun 14 j 20:20	10°♊42'47	1.34485 AU
evening rise	-1772 Jun 19 j 15:40	20°♊19'48	
	-1772 Jun 24 j 19:15	0°♋	
desc. node	-1772 Jul 12 j 17:25	28°♋25'50	
	-1772 Jul 13 j 21:28	0°♌	
evening max el	-1772 Jul 24 j 11:00	12°♌14'56	27°04'51
retrograde	-1772 Aug 06 j 17:17	19°♌34'31	
evening set	-1772 Aug 13 j 14:57	16°♌48'21	
min. Earth dist.	-1772 Aug 17 j 11:26	13°♌01'04	0.65176 AU
inferior conj	-1772 Aug 19 j 11:49	10°♌43'27	-2°-54'-21
minimum elong	-1772 Aug 19 j 15:48	10°♌32'08	2°53'03
morning rise	-1772 Aug 25 j 18:04	5°♌06'17	
direct	-1772 Aug 28 j 12:04	4°♌25'21	
asc. node	-1772 Aug 28 j 19:26	4°♌25'52	
morning max el	-1772 Sep 04 j 01:10	7°♌58'14	18°14'20
	-1772 Sep 19 j 01:24	0°♍	
morning set	-1772 Sep 22 j 15:17	5°♍55'07	
superior conj	-1772 Oct 07 j 03:26	29°♍26'54	0°10'07
minimum elong	-1772 Oct 07 j 04:42	29°♍31'57	0°09'56
behind sun begin	-1772 Oct 06 j 19:55	28°♍56'59	
behind sun end	-1772 Oct 07 j 13:30	0°♎06'52	
	-1772 Oct 07 j 11:46	0°♎	
desc. node	-1772 Oct 08 j 16:52	1°♎55'19	
max. Earth dist.	-1772 Oct 10 j 05:11	4°♎18'49	1.44797 AU
evening rise	-1772 Oct 23 j 17:45	25°♎28'31	
	-1772 Oct 26 j 15:33	0°♏	
greatest brilliancy	-1772 Nov 08 j 21:29	20°♏10'47	-0.7m
	-1772 Nov 16 j 09:28	0°♐	
evening max el	-1772 Nov 17 j 04:38	0°♐51'08	19°36'54
retrograde	-1772 Nov 24 j 12:36	5°♐06'47	
asc. node	-1772 Nov 24 j 18:35	5°♐06'26	
evening set	-1772 Nov 27 j 22:19	3°♐58'55	
	-1772 Dec 01 j 23:03	30°℞♏	
inferior conj	-1772 Dec 03 j 12:44	27°♏59'19	2°41'44
minimum elong	-1772 Dec 03 j 09:50	28°♏08'48	2°40'49
min. Earth dist.	-1772 Dec 04 j 15:17	26°♏32'36	0.66345 AU
morning rise	-1772 Dec 08 j 20:39	21°♏45'29	
direct	-1772 Dec 14 j 22:40	19°♏05'23	
morning max el	-1772 Dec 27 j 05:11	26°♏21'02	25°44'55
	-1772 Dec 30 j 14:42	0°♐	
desc. node	-1771 Jan 04 j 16:09	6°♐09'24	
	-1771 Jan 21 j 00:42	0°♑	
morning set	-1771 Feb 01 j 10:33	19°♑37'04	
max. Earth dist.	-1771 Feb 05 j 07:55	26°♑53'54	1.35952 AU
	-1771 Feb 06 j 22:34	0°♒	
superior conj	-1771 Feb 10 j 19:50	7°♒41'04	-1°-29'-1
minimum elong	-1771 Feb 10 j 23:20	7°♒58'45	1°28'36
evening rise	-1771 Feb 18 j 20:08	24°♒02'25	
asc. node	-1771 Feb 20 j 17:53	27°♒53'14	
	-1771 Feb 21 j 19:27	0°♓	
evening max el	-1771 Mar 08 j 17:35	22°♓55'10	20°04'02
retrograde	-1771 Mar 18 j 23:59	27°♓49'23	
evening set	-1771 Mar 21 j 04:31	27°♓36'59	
inferior conj	-1771 Mar 30 j 00:42	23°♓37'10	1°00'09
minimum elong	-1771 Mar 30 j 03:17	23°♓33'16	0°59'17
min. Earth dist.	-1771 Apr 01 j 00:26	22°♓25'13	0.55554 AU
desc. node	-1771 Apr 02 j 15:12	21°♓29'18	
morning rise	-1771 Apr 07 j 23:17	19°♓10'14	
direct	-1771 Apr 11 j 21:28	18°♓36'25	
morning max el	-1771 Apr 25 j 15:33	25°♓24'59	23°52'33
	-1771 Apr 29 j 22:09	0°♈	
	-1771 May 18 j 02:22	0°♉	
morning set	-1771 May 19 j 20:04	3°♉36'19	
asc. node	-1771 May 19 j 17:16	3°♉21'42	
superior conj	-1771 May 26 j 22:35	18°♉50'53	1°09'23
minimum elong	-1771 May 26 j 20:06	18°♉37'32	1°09'01
max. Earth dist.	-1771 May 28 j 22:25	23°♉07'05	1.33440 AU
	-1771 Jun 01 j 05:06	0°♊	
evening rise	-1771 Jun 03 j 10:22	4°♊31'16	
	-1771 Jun 17 j 12:07	0°♋	
desc. node	-1771 Jun 29 j 14:26	17°♋18'55	
evening max el	-1771 Jul 06 j 21:34	25°♋23'35	27°24'57
	-1771 Jul 12 j 14:10	0°♌	
retrograde	-1771 Jul 20 j 13:06	2°♌45'26	
evening set	-1771 Jul 27 j 17:08	0°♌04'59	
	-1771 Jul 27 j 19:48	30°℞♋	
min. Earth dist.	-1771 Jul 31 j 08:07	26°♋52'07	0.63686 AU
inferior conj	-1771 Aug 02 j 22:08	24°♋12'32	-3°-39'-55
minimum elong	-1771 Aug 03 j 02:27	24°♋01'23	3°38'51
morning rise	-1771 Aug 09 j 13:48	18°♋52'49	
direct	-1771 Aug 12 j 03:18	18°♋20'28	
asc. node	-1771 Aug 15 j 16:31	19°♋22'58	
morning max el	-1771 Aug 18 j 16:32	21°♋45'58	17°56'33
	-1771 Aug 25 j 00:04	0°♌	
morning set	-1771 Sep 04 j 13:23	17°♌45'21	
	-1771 Sep 11 j 16:38	0°♍	
superior conj	-1771 Sep 17 j 00:46	8°♍54'32	0°53'51
minimum elong	-1771 Sep 17 j 05:52	9°♍15'27	0°53'15
max. Earth dist.	-1771 Sep 22 j 21:41	18°♍26'02	1.43987 AU
desc. node	-1771 Sep 25 j 13:52	22°♍41'24	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1771 Sep 30 j 05:39	0°♎	
evening rise	-1771 Oct 03 j 01:08	4°♎21'29	
	-1771 Oct 20 j 03:31	0°♏	
greatest brilliancy	-1771 Oct 25 j 07:21	7°♏08'34	-0.5m
evening max el	-1771 Oct 31 j 06:55	14°♏18'10	20°38'09
retrograde	-1771 Nov 08 j 10:08	19°♏06'38	
asc. node	-1771 Nov 11 j 15:40	18°♏06'46	
evening set	-1771 Nov 12 j 05:14	17°♏43'45	
inferior conj	-1771 Nov 17 j 16:20	11°♏33'06	1°58'06
minimum elong	-1771 Nov 17 j 13:55	11°♏41'19	1°57'11
min. Earth dist.	-1771 Nov 18 j 06:41	10°♏44'19	0.67073 AU
morning rise	-1771 Nov 22 j 22:06	5°♏16'56	
direct	-1771 Nov 28 j 09:09	2°♏54'37	
morning max el	-1771 Dec 09 j 13:42	9°♏35'09	24°22'43
desc. node	-1771 Dec 22 j 13:12	25°♏30'49	
	-1771 Dec 25 j 17:31	0°♐	
	-1770 Jan 13 j 16:49	0°♑	
morning set	-1770 Jan 14 j 10:09	1°♑15'14	
max. Earth dist.	-1770 Jan 18 j 04:58	7°♑58'00	1.37858 AU
superior conj	-1770 Jan 25 j 02:53	20°♑52'22	-1°-47'-9
minimum elong	-1770 Jan 25 j 06:03	21°♑07'38	1°46'56
	-1770 Jan 29 j 18:57	0°♒	
evening rise	-1770 Feb 02 j 20:03	8°♒01'33	
asc. node	-1770 Feb 07 j 14:56	17°♒17'42	
	-1770 Feb 15 j 07:07	0°♓	
evening max el	-1770 Feb 19 j 12:31	4°♓57'06	19°05'59
retrograde	-1770 Feb 28 j 04:41	9°♓06'44	
evening set	-1770 Mar 02 j 11:36	8°♓50'37	
inferior conj	-1770 Mar 10 j 14:20	4°♓37'37	2°33'15
minimum elong	-1770 Mar 10 j 18:59	4°♓29'33	2°32'00
min. Earth dist.	-1770 Mar 13 j 16:05	2°♓30'59	0.56882 AU
	-1770 Mar 18 j 02:10	30°♑℞	
morning rise	-1770 Mar 18 j 22:19	29°♒38'50	
desc. node	-1770 Mar 20 j 12:16	29°♒07'06	
direct	-1770 Mar 24 j 00:41	28°♒37'43	
	-1770 Mar 29 j 23:21	0°♓	
morning max el	-1770 Apr 07 j 06:27	5°♓58'13	25°28'50
	-1770 Apr 24 j 17:50	0°♈	
morning set	-1770 May 04 j 08:04	18°♈36'59	
asc. node	-1770 May 06 j 14:18	23°♈25'33	
	-1770 May 09 j 14:59	0°♉	
superior conj	-1770 May 11 j 09:01	3°♉49'27	0°48'27
minimum elong	-1770 May 11 j 07:03	3°♉38'46	0°48'05
max. Earth dist.	-1770 May 12 j 07:35	5°♉52'28	1.32774 AU
evening rise	-1770 May 18 j 12:57	19°♉06'56	
	-1770 May 24 j 00:59	0°♊	
	-1770 Jun 11 j 23:47	0°♋	
desc. node	-1770 Jun 16 j 11:27	5°♋15'09	
evening max el	-1770 Jun 19 j 04:57	8°♋01'36	27°13'44
retrograde	-1770 Jul 03 j 02:24	15°♋21'34	
evening set	-1770 Jul 10 j 04:23	13°♋00'59	
min. Earth dist.	-1770 Jul 13 j 18:51	10°♋12'50	0.61867 AU
inferior conj	-1770 Jul 16 j 20:51	7°♋23'52	-4°-15'-12
minimum elong	-1770 Jul 17 j 00:19	7°♋15'54	4°14'41
morning rise	-1770 Jul 23 j 22:58	2°♋24'17	
direct	-1770 Jul 26 j 10:19	1°♋57'56	
morning max el	-1770 Aug 02 j 07:00	5°♋24'44	17°57'08
asc. node	-1770 Aug 02 j 13:34	5°♋41'01	
morning set	-1770 Aug 18 j 07:43	0°♌33'55	
	-1770 Aug 18 j 00:15	0°♌	
superior conj	-1770 Aug 29 j 01:35	19°♌43'42	1°24'48
minimum elong	-1770 Aug 29 j 06:24	20°♌04'31	1°24'22
	-1770 Sep 04 j 03:12	0°♍	
max. Earth dist.	-1770 Sep 05 j 09:37	2°♍05'29	1.42584 AU
evening rise	-1770 Sep 12 j 09:56	13°♍21'54	
desc. node	-1770 Sep 12 j 10:52	13°♍25'32	
	-1770 Sep 23 j 07:10	0°♎	
greatest brilliancy	-1770 Oct 09 j 07:34	22°♎16'13	-0.4m
evening max el	-1770 Oct 14 j 03:18	27°♎45'30	21°50'42
	-1770 Oct 16 j 12:47	0°♏	
retrograde	-1770 Oct 23 j 06:26	3°♏11'08	
evening set	-1770 Oct 27 j 13:08	1°♏30'59	
	-1770 Oct 29 j 04:11	30°♏℞	
asc. node	-1770 Oct 29 j 12:43	29°♎36'40	
inferior conj	-1770 Nov 01 j 22:28	25°♎12'54	1°09'14
minimum elong	-1770 Nov 01 j 20:56	25°♎18'14	1°08'36
min. Earth dist.	-1770 Nov 02 j 01:52	25°♎01'10	0.67470 AU
morning rise	-1770 Nov 07 j 04:28	18°♎57'04	
direct	-1770 Nov 12 j 00:13	16°♎56'20	
morning max el	-1770 Nov 21 j 23:29	22°♎52'20	22°55'24
greatest brilliancy	-1770 Nov 26 j 18:26	28°♎14'34	-0.3m
	-1770 Nov 28 j 04:37	0°♏	
desc. node	-1770 Dec 09 j 10:13	15°♏21'34	
	-1770 Dec 19 j 02:52	0°♐	
morning set	-1770 Dec 26 j 06:57	11°♐32'07	
max. Earth dist.	-1770 Dec 31 j 00:17	19°♐29'28	1.39958 AU
	-1769 Jan 05 j 23:33	0°♑	
superior conj	-1769 Jan 07 j 18:18	3°♑14'08	-1°-57'-41
minimum elong	-1769 Jan 07 j 19:39	3°♑20'17	1°57'43
evening rise	-1769 Jan 17 j 11:00	21°♑28'56	
	-1769 Jan 21 j 23:30	0°♒	
asc. node	-1769 Jan 25 j 11:59	6°♒15'25	
evening max el	-1769 Feb 02 j 16:08	17°♒30'48	18°27'49
retrograde	-1769 Feb 10 j 03:57	21°♒11'26	
evening set	-1769 Feb 12 j 15:00	20°♒48'53	
inferior conj	-1769 Feb 20 j 00:30	16°♒15'36	3°30'08
minimum elong	-1769 Feb 20 j 03:52	16°♒08'49	3°29'34
min. Earth dist.	-1769 Feb 23 j 10:38	13°♒31'27	0.58757 AU
morning rise	-1769 Feb 27 j 13:04	10°♒50'06	
direct	-1769 Mar 05 j 17:07	9°♒11'43	
desc. node	-1769 Mar 07 j 09:20	9°♒18'54	
morning max el	-1769 Mar 20 j 00:18	16°♒48'40	26°46'42
	-1769 Mar 30 j 20:43	0°♓	
	-1769 Apr 17 j 01:29	0°♈	
morning set	-1769 Apr 18 j 18:32	3°♈32'02	
asc. node	-1769 Apr 23 j 11:19	13°♈35'45	
superior conj	-1769 Apr 25 j 20:41	18°♈49'49	0°25'00
minimum elong	-1769 Apr 25 j 19:36	18°♈43'50	0°24'46
max. Earth dist.	-1769 Apr 25 j 20:20	18°♈47'52	1.32468 AU
	-1769 Apr 30 j 23:58	0°♉	
evening rise	-1769 May 02 j 20:40	3°♉56'29	
	-1769 May 16 j 21:05	0°♊	
evening max el	-1769 Jun 01 j 06:40	19°♊57'47	26°29'34
desc. node	-1769 Jun 03 j 08:29	21°♊49'46	
retrograde	-1769 Jun 15 j 07:31	27°♊13'57	
evening set	-1769 Jun 21 j 20:09	25°♊26'14	
min. Earth dist.	-1769 Jun 25 j 19:56	22°♊47'34	0.59841 AU
inferior conj	-1769 Jun 29 j 04:22	20°♊07'33	-4°-33'-6
minimum elong	-1769 Jun 29 j 05:16	20°♊05'44	4°33'03
morning rise	-1769 Jul 06 j 17:45	15°♊30'14	
direct	-1769 Jul 09 j 05:03	15°♊07'58	
morning max el	-1769 Jul 16 j 17:35	18°♊45'59	18°17'11
asc. node	-1769 Jul 20 j 10:35	23°♊03'54	
	-1769 Jul 24 j 23:17	0°♋	
morning set	-1769 Aug 01 j 16:48	14°♋05'50	
	-1769 Aug 10 j 04:00	0°♌	
superior conj	-1769 Aug 11 j 03:33	1°♌47'41	1°42'14
minimum elong	-1769 Aug 11 j 06:10	1°♌59'36	1°42'06

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

max. Earth dist.	-1769 Aug 18 j 16:17	15°♌05'38	1.40764 AU
evening rise	-1769 Aug 23 j 13:10	23°♌14'49	
	-1769 Aug 27 j 17:40	0°♍	
desc. node	-1769 Aug 30 j 07:52	4°♍04'04	
	-1769 Sep 17 j 06:44	0°♎	
greatest brilliancy	-1769 Sep 21 j 02:38	4°♎52'13	-0.2m
evening max el	-1769 Sep 26 j 18:32	11°♎14'34	23°09'57
retrograde	-1769 Oct 07 j 00:05	17°♎18'00	
evening set	-1769 Oct 11 j 20:19	15°♎19'04	
asc. node	-1769 Oct 16 j 09:46	10°♎04'22	
inferior conj	-1769 Oct 17 j 05:22	8°♎57'10	0°16'53
minimum elong	-1769 Oct 17 j 04:58	8°♎58'32	0°16'43
min. Earth dist.	-1769 Oct 16 j 22:23	9°♎21'08	0.67549 AU
morning rise	-1769 Oct 22 j 13:37	2°♎44'27	
direct	-1769 Oct 26 j 18:56	1°♎05'58	
morning max el	-1769 Nov 04 j 14:06	6°♎16'44	21°31'43
greatest brilliancy	-1769 Nov 09 j 16:10	12°♎06'37	-0.4m
	-1769 Nov 22 j 13:39	0°♏	
desc. node	-1769 Nov 26 j 07:15	5°♏33'33	
morning set	-1769 Dec 05 j 23:04	20°♏27'39	
	-1769 Dec 11 j 21:19	0°♐	
max. Earth dist.	-1769 Dec 13 j 01:30	1°♐55'51	1.41963 AU
superior conj	-1769 Dec 20 j 12:44	14°♐33'27	-1°-56'-46
minimum elong	-1769 Dec 20 j 10:26	14°♐23'30	1°56'45
	-1769 Dec 29 j 05:02	0°♑	
evening rise	-1769 Dec 31 j 13:33	4°♑17'32	
asc. node	-1768 Jan 12 j 09:01	24°♑38'06	
	-1768 Jan 16 j 14:28	0°♒	
evening max el	-1768 Jan 17 j 01:30	0°♒28'00	18°09'35
retrograde	-1768 Jan 23 j 20:38	3°♒55'39	
evening set	-1768 Jan 26 j 11:19	3°♒25'27	
	-1768 Jan 31 j 14:56	30°℞♑	
inferior conj	-1768 Feb 02 j 06:25	28°♑30'02	3°54'01
minimum elong	-1768 Feb 02 j 07:18	28°♑28'00	3°53'57
min. Earth dist.	-1768 Feb 05 j 11:09	25°♑32'16	0.60821 AU
morning rise	-1768 Feb 09 j 00:32	22°♑45'40	
direct	-1768 Feb 15 j 20:22	20°♑31'08	
desc. node	-1768 Feb 22 j 06:23	22°♑17'58	
morning max el	-1768 Mar 01 j 00:22	28°♑16'20	27°33'51
	-1768 Mar 02 j 16:58	0°♒	
	-1768 Mar 23 j 13:40	0°♓	
morning set	-1768 Apr 02 j 01:42	18°♓15'11	
	-1768 Apr 07 j 14:29	0°♈	
max. Earth dist.	-1768 Apr 08 j 08:58	1°♈40'34	1.32513 AU
superior conj	-1768 Apr 09 j 07:59	3°♈46'13	0°00'-8
minimum elong	-1768 Apr 09 j 08:00	3°♈46'15	0°00'10
behind sun begin	-1768 Apr 09 j 02:58	3°♈18'45	
behind sun end	-1768 Apr 09 j 13:02	4°♈13'46	
asc. node	-1768 Apr 09 j 08:20	3°♈48'09	
evening rise	-1768 Apr 16 j 07:22	18°♈52'21	
	-1768 Apr 21 j 19:19	0°♉	
	-1768 May 11 j 21:21	0°♊	
evening max el	-1768 May 13 j 01:46	1°♊10'20	25°16'36
desc. node	-1768 May 20 j 05:31	6°♊30'38	
retrograde	-1768 May 27 j 02:39	8°♊19'47	
evening set	-1768 Jun 01 j 13:29	7°♊10'41	
min. Earth dist.	-1768 Jun 06 j 13:39	4°♊24'08	0.57838 AU
inferior conj	-1768 Jun 09 j 17:16	2°♊14'04	-4°-23'-17
minimum elong	-1768 Jun 09 j 14:07	2°♊19'32	4°22'58
	-1768 Jun 13 j 03:21	30°℞♉	
morning rise	-1768 Jun 17 j 18:40	27°♉58'51	
direct	-1768 Jun 20 j 07:05	27°♉39'39	
	-1768 Jun 26 j 20:29	0°♊	
morning max el	-1768 Jun 28 j 21:24	1°♊41'18	18°57'39
asc. node	-1768 Jul 06 j 07:37	11°♊17'31	
morning set	-1768 Jul 15 j 12:26	28°♊09'57	
	-1768 Jul 16 j 10:48	0°♋	
superior conj	-1768 Jul 24 j 01:05	14°♋51'09	1°48'10
minimum elong	-1768 Jul 24 j 01:23	14°♋52'35	1°48'11
max. Earth dist.	-1768 Jul 30 j 19:12	27°♋23'48	1.38774 AU
	-1768 Aug 01 j 06:15	0°♌	
evening rise	-1768 Aug 03 j 17:42	4°♌19'46	
desc. node	-1768 Aug 16 j 04:52	24°♌32'27	
	-1768 Aug 19 j 20:31	0°♍	
evening max el	-1768 Sep 08 j 06:28	24°♍45'52	24°29'46
	-1768 Sep 14 j 20:41	0°♎	
retrograde	-1768 Sep 19 j 14:05	1°♎23'10	
	-1768 Sep 23 j 20:29	30°℞♍	
evening set	-1768 Sep 25 j 01:05	29°♍05'28	
min. Earth dist.	-1768 Sep 29 j 17:50	23°♍41'48	0.67315 AU
inferior conj	-1768 Sep 30 j 11:16	22°♍43'25	0°-37'-26
minimum elong	-1768 Sep 30 j 12:10	22°♍40'23	0°37'03
asc. node	-1768 Oct 02 j 06:49	20°♍21'05	
morning rise	-1768 Oct 05 j 23:36	16°♍36'40	
direct	-1768 Oct 09 j 16:06	15°♍18'39	
morning max el	-1768 Oct 17 j 11:57	19°♍50'38	20°17'44
greatest brilliancy	-1768 Oct 24 j 05:09	27°♍57'59	-0.6m
	-1768 Oct 25 j 16:49	0°♎	
desc. node	-1768 Nov 12 j 04:16	26°♎00'02	
morning set	-1768 Nov 13 j 21:10	28°♎37'56	
	-1768 Nov 14 j 18:20	0°♏	
max. Earth dist.	-1768 Nov 24 j 10:25	15°♏14'42	1.43584 AU
superior conj	-1768 Nov 30 j 04:59	24°♏37'46	-1°-40'-10
minimum elong	-1768 Nov 29 j 22:27	24°♏10'52	1°39'41
	-1768 Dec 03 j 10:37	0°♐	
evening rise	-1768 Dec 12 j 23:30	16°♐18'16	
	-1768 Dec 20 j 22:22	0°♑	
asc. node	-1768 Dec 29 j 06:04	12°♑14'30	
evening max el	-1768 Dec 30 j 13:39	13°♑40'07	18°10'49
retrograde	-1767 Jan 06 j 02:16	17°♑08'06	
evening set	-1767 Jan 08 j 20:37	16°♑29'24	
inferior conj	-1767 Jan 15 j 04:29	11°♑12'59	3°53'04
minimum elong	-1767 Jan 15 j 03:14	11°♑16'18	3°52'58
min. Earth dist.	-1767 Jan 17 j 20:32	8°♑24'15	0.62779 AU
morning rise	-1767 Jan 21 j 07:56	5°♑15'52	
direct	-1767 Jan 28 j 08:32	2°♑35'45	
desc. node	-1767 Feb 08 j 03:27	7°♑33'49	
morning max el	-1767 Feb 11 j 06:16	10°♑24'40	27°44'35
	-1767 Feb 26 j 15:28	0°♒	
	-1767 Mar 15 j 19:39	0°♓	
morning set	-1767 Mar 17 j 03:23	2°♓38'33	
max. Earth dist.	-1767 Mar 22 j 17:23	14°♓15'33	1.32922 AU
superior conj	-1767 Mar 24 j 17:13	18°♓32'34	0°-26'-9
minimum elong	-1767 Mar 24 j 18:26	18°♓39'08	0°25'55
asc. node	-1767 Mar 27 j 05:24	23°♓58'24	
	-1767 Mar 30 j 00:23	0°♈	
evening rise	-1767 Mar 31 j 19:07	3°♈47'17	
	-1767 Apr 15 j 01:58	0°♉	
evening max el	-1767 Apr 24 j 16:53	11°♉53'08	23°45'50
desc. node	-1767 May 07 j 02:32	18°♉41'20	
retrograde	-1767 May 08 j 10:05	18°♉45'16	
evening set	-1767 May 12 j 11:16	18°♉09'01	
min. Earth dist.	-1767 May 19 j 03:49	14°♉59'58	0.56177 AU
inferior conj	-1767 May 21 j 10:02	13°♉37'46	-3°-34'-25
minimum elong	-1767 May 21 j 03:36	13°♉47'34	3°32'58
morning rise	-1767 May 29 j 23:41	9°♉39'01	
direct	-1767 Jun 01 j 13:47	9°♉22'00	
morning max el	-1767 Jun 11 j 15:56	14°♉02'06	19°58'51
asc. node	-1767 Jun 23 j 04:41	0°♊10'16	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1767 Jun 23 j 02:24	0°♊	
morning set	-1767 Jun 29 j 15:31	12°♊38'24	
superior conj	-1767 Jul 07 j 12:54	28°♊39'14	1°45'05
minimum elong	-1767 Jul 07 j 11:31	28°♊32'19	1°45'03
	-1767 Jul 08 j 05:06	0°♋	
max. Earth dist.	-1767 Jul 12 j 23:08	9°♋14'35	1.36872 AU
evening rise	-1767 Jul 16 j 21:57	16°♋34'39	
	-1767 Jul 24 j 15:40	0°♌	
desc. node	-1767 Aug 03 j 01:53	14°♌45'35	
	-1767 Aug 14 j 06:27	0°♍	
evening max el	-1767 Aug 21 j 17:29	8°♍19'55	25°42'46
retrograde	-1767 Sep 02 j 23:46	15°♍22'23	
evening set	-1767 Sep 09 j 01:35	12°♍48'36	
min. Earth dist.	-1767 Sep 13 j 09:55	8°♍01'23	0.66759 AU
inferior conj	-1767 Sep 14 j 14:28	6°♍30'07	-1°-32'-5
minimum elong	-1767 Sep 14 j 16:43	6°♍22'55	1°31'12
asc. node	-1767 Sep 19 j 03:52	1°♍24'41	
morning rise	-1767 Sep 20 j 08:33	0°♍32'14	
	-1767 Sep 21 j 09:01	30°℞♌	
direct	-1767 Sep 23 j 14:22	29°♌31'30	
	-1767 Sep 25 j 21:24	0°♍	
morning max el	-1767 Sep 30 j 17:11	3°♍33'45	19°17'16
greatest brilliancy	-1767 Oct 11 j 04:00	17°♍21'36	-0.7m
	-1767 Oct 19 j 09:55	0°♎	
morning set	-1767 Oct 24 j 00:48	7°♎12'03	
desc. node	-1767 Oct 30 j 01:19	16°♎36'43	
max. Earth dist.	-1767 Nov 07 j 01:05	29°♎09'58	1.44616 AU
	-1767 Nov 07 j 13:45	0°♏	
superior conj	-1767 Nov 09 j 19:10	3°♏31'40	-1°-5'-51
minimum elong	-1767 Nov 09 j 11:46	3°♏02'18	1°05'02
evening rise	-1767 Nov 24 j 12:27	27°♏23'14	
	-1767 Nov 26 j 02:22	0°♐	
evening max el	-1767 Dec 14 j 01:56	27°♐01'35	18°30'45
asc. node	-1767 Dec 16 j 03:07	28°♐51'56	
	-1767 Dec 17 j 22:31	0°♑	
retrograde	-1767 Dec 20 j 16:28	0°♑40'50	
	-1767 Dec 23 j 09:33	30°℞♐	
evening set	-1767 Dec 23 j 15:26	29°♐52'21	
inferior conj	-1767 Dec 29 j 14:50	24°♐17'08	3°34'34
minimum elong	-1767 Dec 29 j 12:19	24°♐24'29	3°34'06
min. Earth dist.	-1767 Dec 31 j 15:53	21°♐53'50	0.64454 AU
morning rise	-1766 Jan 04 j 07:52	18°♐11'27	
direct	-1766 Jan 11 j 04:16	15°♐20'31	
morning max el	-1766 Jan 24 j 15:21	23°♐05'50	27°19'55
desc. node	-1766 Jan 26 j 00:32	24°♐30'57	
	-1766 Jan 30 j 19:31	0°♑	
	-1766 Feb 19 j 21:35	0°♒	
morning set	-1766 Feb 28 j 20:45	16°♒32'54	
max. Earth dist.	-1766 Mar 05 j 17:33	26°♒20'11	1.33742 AU
	-1766 Mar 07 j 11:50	0°♓	
superior conj	-1766 Mar 08 j 22:32	3°♓02'40	0°-51'-59
minimum elong	-1766 Mar 09 j 00:55	3°♓15'15	0°51'33
asc. node	-1766 Mar 14 j 02:27	14°♓02'12	
evening rise	-1766 Mar 16 j 06:09	18°♓35'02	
	-1766 Mar 21 j 22:37	0°♈	
evening max el	-1766 Apr 06 j 10:28	22°♈33'49	22°11'32
retrograde	-1766 Apr 19 j 05:27	28°♈49'01	
evening set	-1766 Apr 22 j 01:36	28°♈31'12	
desc. node	-1766 Apr 23 j 23:36	28°♈00'20	
min. Earth dist.	-1766 Apr 30 j 17:23	24°♈47'29	0.55208 AU
inferior conj	-1766 May 01 j 10:20	24°♈23'33	-2°-2'-59
minimum elong	-1766 May 01 j 04:56	24°♈31'10	2°01'14
morning rise	-1766 May 10 j 09:58	20°♈27'40	
direct	-1766 May 13 j 05:04	20°♈10'01	
morning max el	-1766 May 24 j 23:34	25°♈41'07	21°19'25
	-1766 May 28 j 23:36	0°♉	
asc. node	-1766 Jun 10 j 01:46	19°♉31'57	
morning set	-1766 Jun 13 j 23:32	27°♉23'33	
	-1766 Jun 15 j 05:43	0°♊	
superior conj	-1766 Jun 21 j 10:40	12°♊58'30	1°35'08
minimum elong	-1766 Jun 21 j 08:21	12°♊46'31	1°34'58
max. Earth dist.	-1766 Jun 25 j 10:07	21°♊05'01	1.35252 AU
evening rise	-1766 Jun 29 j 20:53	29°♊45'50	
	-1766 Jun 29 j 23:52	0°♋	
	-1766 Jul 17 j 18:40	0°♌	
desc. node	-1766 Jul 20 j 22:53	4°♌35'48	
evening max el	-1766 Aug 04 j 05:02	21°♌52'22	26°41'06
retrograde	-1766 Aug 17 j 04:27	29°♌08'40	
evening set	-1766 Aug 23 j 19:39	26°♌24'42	
min. Earth dist.	-1766 Aug 27 j 20:14	22°♌15'26	0.65856 AU
inferior conj	-1766 Aug 29 j 12:59	20°♌13'38	-2°-25'-18
minimum elong	-1766 Aug 29 j 16:26	20°♌03'18	2°24'04
morning rise	-1766 Sep 04 j 14:22	14°♌27'45	
asc. node	-1766 Sep 06 j 00:57	13°♌52'33	
direct	-1766 Sep 07 j 11:56	13°♌40'36	
morning max el	-1766 Sep 14 j 04:12	17°♌22'01	18°32'25
	-1766 Sep 23 j 13:20	0°♍	
morning set	-1766 Oct 04 j 04:38	16°♍59'46	
	-1766 Oct 12 j 07:26	0°♎	
desc. node	-1766 Oct 16 j 22:21	7°♎19'25	
superior conj	-1766 Oct 19 j 19:20	11°♎51'25	0°-18'-30
minimum elong	-1766 Oct 19 j 16:53	11°♎41'45	0°18'13
max. Earth dist.	-1766 Oct 20 j 18:55	13°♎24'16	1.44941 AU
	-1766 Oct 31 j 08:05	0°♏	
evening rise	-1766 Nov 05 j 01:13	7°♏26'55	
	-1766 Nov 19 j 11:34	0°♐	
evening max el	-1766 Nov 27 j 11:55	10°♐27'49	19°08'14
asc. node	-1766 Dec 03 j 00:09	14°♐15'23	
retrograde	-1766 Dec 04 j 11:35	14°♐27'34	
evening set	-1766 Dec 07 j 16:51	13°♐27'26	
inferior conj	-1766 Dec 13 j 10:00	7°♐36'07	3°03'43
minimum elong	-1766 Dec 13 j 07:02	7°♐45'26	3°02'54
min. Earth dist.	-1766 Dec 14 j 20:25	5°♐47'29	0.65763 AU
morning rise	-1766 Dec 18 j 20:20	1°♐24'42	
	-1766 Dec 20 j 17:18	30°℞♏	
direct	-1766 Dec 25 j 06:18	28°♏37'16	
	-1766 Dec 30 j 06:08	0°♐	
morning max el	-1765 Jan 07 j 00:54	6°♐07'25	26°25'56
desc. node	-1765 Jan 12 j 21:37	12°♐40'02	
	-1765 Jan 25 j 12:16	0°♑	
morning set	-1765 Feb 12 j 02:05	29°♑46'34	
	-1765 Feb 12 j 04:56	0°♒	
max. Earth dist.	-1765 Feb 16 j 06:26	7°♒49'45	1.35015 AU
superior conj	-1765 Feb 20 j 21:40	17°♒09'41	-1°-16'-20
minimum elong	-1765 Feb 21 j 00:56	17°♒26'26	1°15'51
	-1765 Feb 27 j 02:01	0°♓	
evening rise	-1765 Feb 28 j 14:38	3°♓09'32	
asc. node	-1765 Feb 28 j 23:30	3°♓55'10	
	-1765 Mar 16 j 04:26	0°♈	
evening max el	-1765 Mar 19 j 12:34	3°♈38'46	20°46'05
retrograde	-1765 Mar 30 j 18:32	9°♈02'20	
evening set	-1765 Apr 02 j 00:57	8°♈50'04	
desc. node	-1765 Apr 10 j 20:40	5°♈04'53	
inferior conj	-1765 Apr 11 j 05:08	4°♈52'45	0°-5'-59
minimum elong	-1765 Apr 11 j 04:51	4°♈53'09	0°05'53
transit middle	-1765 Apr 11 j 04:51	4°♈53'09	0°05'53
transit begin	-1765 Apr 11 j 01:04	4°♈58'35	
transit end	-1765 Apr 11 j 08:38	4°♈47'44	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1765 Apr 12 j 07:11	4°♈15'26	0.55161 AU
morning rise	-1765 Apr 20 j 07:22	0°♈41'46	
direct	-1765 Apr 23 j 16:46	0°♈16'49	
morning max el	-1765 May 06 j 21:01	6°♈39'54	22°54'37
	-1765 May 23 j 05:56	0°♉	
asc. node	-1765 May 27 j 22:51	9°♉14'56	
morning set	-1765 May 29 j 10:29	12°♉19'29	
superior conj	-1765 Jun 05 j 15:14	27°♉39'05	1°19'59
minimum elong	-1765 Jun 05 j 12:39	27°♉25'22	1°19'39
	-1765 Jun 06 j 17:48	0°♊	
max. Earth dist.	-1765 Jun 08 j 07:08	3°♊16'20	1.34000 AU
evening rise	-1765 Jun 13 j 09:36	13°♊39'12	
	-1765 Jun 22 j 05:03	0°♋	
desc. node	-1765 Jul 07 j 19:53	23°♋53'17	
	-1765 Jul 12 j 18:22	0°♌	
evening max el	-1765 Jul 17 j 16:41	5°♌13'54	27°17'00
retrograde	-1765 Jul 31 j 03:29	12°♌34'35	
evening set	-1765 Aug 07 j 04:32	9°♌49'39	
min. Earth dist.	-1765 Aug 10 j 22:29	6°♌17'24	0.64588 AU
inferior conj	-1765 Aug 13 j 04:32	3°♌49'38	-3°-14'-37
minimum elong	-1765 Aug 13 j 08:45	3°♌38'03	3°13'23
	-1765 Aug 17 j 00:46	30°℞♋	
morning rise	-1765 Aug 19 j 14:36	28°♋19'09	
direct	-1765 Aug 22 j 06:25	27°♋42'09	
asc. node	-1765 Aug 23 j 22:02	27°♋56'28	
	-1765 Aug 27 j 11:58	0°♌	
morning max el	-1765 Aug 28 j 18:42	1°♌10'59	18°04'30
morning set	-1765 Sep 15 j 12:29	28°♌09'02	
	-1765 Sep 16 j 14:50	0°♍	
superior conj	-1765 Sep 29 j 03:33	20°♍38'44	0°29'59
minimum elong	-1765 Sep 29 j 06:59	20°♍52'35	0°29'32
max. Earth dist.	-1765 Oct 03 j 13:09	27°♍40'21	1.44538 AU
desc. node	-1765 Oct 03 j 19:19	28°♍04'49	
	-1765 Oct 05 j 00:27	0°♎	
evening rise	-1765 Oct 15 j 16:10	16°♎37'27	
	-1765 Oct 24 j 09:23	0°♏	
greatest brilliancy	-1765 Nov 03 j 14:53	15°♏04'34	-0.6m
evening max el	-1765 Nov 10 j 17:29	23°♏54'58	20°01'28
retrograde	-1765 Nov 18 j 08:48	28°♏23'22	
asc. node	-1765 Nov 19 j 21:13	28°♏10'08	
evening set	-1765 Nov 21 j 22:20	27°♏09'19	
inferior conj	-1765 Nov 27 j 11:09	21°♏04'47	2°23'58
minimum elong	-1765 Nov 27 j 08:23	21°♏13'57	2°23'02
min. Earth dist.	-1765 Nov 28 j 08:19	19°♏54'16	0.66698 AU
morning rise	-1765 Dec 02 j 17:51	14°♏49'57	
direct	-1765 Dec 08 j 13:47	12°♏16'36	
morning max el	-1765 Dec 20 j 09:34	19°♏18'09	25°11'16
	-1765 Dec 29 j 12:35	0°♐	
desc. node	-1765 Dec 30 j 18:40	1°♐39'05	
	-1764 Jan 18 j 14:51	0°♑	
morning set	-1764 Jan 25 j 14:12	12°♑03'38	
max. Earth dist.	-1764 Jan 29 j 08:09	18°♑55'14	1.36726 AU
superior conj	-1764 Feb 04 j 11:36	0°♒43'50	-1°-37'-25
minimum elong	-1764 Feb 04 j 15:07	1°♒01'12	1°37'04
	-1764 Feb 04 j 02:42	0°♒	
evening rise	-1764 Feb 12 j 18:20	17°♒23'17	
asc. node	-1764 Feb 15 j 20:32	23°♒31'30	
	-1764 Feb 19 j 07:00	0°♓	
evening max el	-1764 Mar 01 j 01:26	15°♓18'57	19°36'56
retrograde	-1764 Mar 10 j 14:22	19°♓52'17	
evening set	-1764 Mar 12 j 19:38	19°♓38'35	
inferior conj	-1764 Mar 21 j 08:39	15°♓34'16	1°43'44
minimum elong	-1764 Mar 21 j 12:37	15°♓27'57	1°42'28
min. Earth dist.	-1764 Mar 23 j 21:31	13°♓57'58	0.56039 AU
desc. node	-1764 Mar 27 j 17:44	11°♓50'23	
morning rise	-1764 Mar 30 j 02:09	10°♓54'15	
direct	-1764 Apr 03 j 12:08	10°♓10'32	
morning max el	-1764 Apr 17 j 12:25	17°♓13'52	24°34'43
	-1764 Apr 27 j 21:54	0°♈	
morning set	-1764 May 12 j 22:34	27°♈19'48	
asc. node	-1764 May 13 j 19:53	29°♈12'22	
	-1764 May 14 j 04:51	0°♉	
superior conj	-1764 May 20 j 00:04	12°♉32'33	1°00'52
minimum elong	-1764 May 19 j 21:46	12°♉20'03	1°00'29
max. Earth dist.	-1764 May 21 j 12:50	15°♉51'12	1.33121 AU
evening rise	-1764 May 27 j 08:02	28°♉01'55	
	-1764 May 28 j 07:25	0°♊	
	-1764 Jun 14 j 10:51	0°♋	
desc. node	-1764 Jun 23 j 16:54	12°♋24'23	
evening max el	-1764 Jun 29 j 02:21	18°♋11'15	27°24'09
retrograde	-1764 Jul 12 j 20:20	25°♋31'39	
evening set	-1764 Jul 20 j 00:51	22°♋58'02	
min. Earth dist.	-1764 Jul 23 j 14:53	19°♋57'16	0.62954 AU
inferior conj	-1764 Jul 26 j 10:19	17°♋12'06	-3°-56'-31
minimum elong	-1764 Jul 26 j 14:27	17°♋01'55	3°55'38
morning rise	-1764 Aug 02 j 06:18	12°♋00'30	
direct	-1764 Aug 04 j 18:45	11°♋30'50	
asc. node	-1764 Aug 09 j 19:06	13°♋29'40	
morning max el	-1764 Aug 11 j 10:00	14°♋55'26	17°54'30
	-1764 Aug 21 j 21:05	0°♌	
morning set	-1764 Aug 27 j 19:57	10°♌26'19	
	-1764 Sep 08 j 02:45	0°♍	
superior conj	-1764 Sep 08 j 12:22	0°♍40'21	1°08'43
minimum elong	-1764 Sep 08 j 17:44	1°♍02'52	1°08'07
max. Earth dist.	-1764 Sep 15 j 04:33	11°♍39'54	1.43457 AU
desc. node	-1764 Sep 19 j 16:18	18°♍50'19	
evening rise	-1764 Sep 23 j 21:49	25°♍27'38	
	-1764 Sep 26 j 20:28	0°♎	
	-1764 Oct 17 j 12:11	0°♏	
greatest brilliancy	-1764 Oct 18 j 08:41	1°♏06'18	-0.5m
evening max el	-1764 Oct 23 j 17:16	7°♏22'00	21°07'51
retrograde	-1764 Nov 01 j 05:59	12°♏25'40	
evening set	-1764 Nov 05 j 05:53	10°♏55'27	
asc. node	-1764 Nov 05 j 18:16	10°♏30'27	
inferior conj	-1764 Nov 10 j 16:02	4°♏41'06	1°37'53
minimum elong	-1764 Nov 10 j 13:57	4°♏48'16	1°37'04
min. Earth dist.	-1764 Nov 11 j 01:31	4°♏08'33	0.67281 AU
	-1764 Nov 14 j 07:28	30°℞♎	
morning rise	-1764 Nov 15 j 21:39	28°♎24'59	
direct	-1764 Nov 21 j 02:07	26°♎11'49	
	-1764 Nov 29 j 00:26	0°♏	
morning max el	-1764 Dec 01 j 18:19	2°♏33'35	23°45'45
desc. node	-1764 Dec 16 j 15:41	21°♏13'52	
	-1764 Dec 22 j 15:50	0°♐	
morning set	-1763 Jan 06 j 03:02	23°♐08'12	
max. Earth dist.	-1763 Jan 10 j 03:55	0°♑08'24	1.38746 AU
	-1763 Jan 10 j 02:01	0°♑	
superior conj	-1763 Jan 17 j 12:33	13°♑35'04	-1°-52'-45
minimum elong	-1763 Jan 17 j 15:10	13°♑47'24	1°52'40
	-1763 Jan 26 j 00:31	0°♒	
evening rise	-1763 Jan 26 j 14:48	1°♒09'38	
asc. node	-1763 Feb 01 j 17:33	12°♒45'13	
evening max el	-1763 Feb 12 j 00:15	27°♒34'19	18°47'13
	-1763 Feb 15 j 02:34	0°♓	
retrograde	-1763 Feb 20 j 03:03	1°♓30'01	
evening set	-1763 Feb 22 j 11:40	1°♓11'23	
	-1763 Feb 25 j 11:16	30°℞♒	
inferior conj	-1763 Mar 02 j 06:46	26°♒49'50	3°01'49

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1763 Mar 02 j 11:11	26°♒41'41	3°00'50
min. Earth dist.	-1763 Mar 05 j 13:55	24°♒24'48	0.57635 AU
morning rise	-1763 Mar 10 j 06:42	21°♒38'36	
desc. node	-1763 Mar 14 j 14:48	20°♒26'28	
direct	-1763 Mar 15 j 20:36	20°♒22'40	
morning max el	-1763 Mar 30 j 04:05	27°♒51'13	26°05'06
	-1763 Apr 01 j 06:33	0°♓	
	-1763 Apr 21 j 06:34	0°♈	
morning set	-1763 Apr 27 j 10:07	12°♈18'39	
asc. node	-1763 Apr 30 j 16:54	19°♈19'12	
superior conj	-1763 May 04 j 11:13	27°♈32'10	0°38'46
minimum elong	-1763 May 04 j 09:36	27°♈23'16	0°38'26
max. Earth dist.	-1763 May 05 j 00:03	28°♈42'23	1.32603 AU
	-1763 May 05 j 14:15	0°♉	
evening rise	-1763 May 11 j 13:04	12°♉43'54	
	-1763 May 20 j 10:54	0°♊	
desc. node	-1763 Jun 10 j 13:57	29°♊49'02	
	-1763 Jun 10 j 18:24	0°♋	
evening max el	-1763 Jun 11 j 07:22	0°♋31'20	26°58'44
retrograde	-1763 Jun 25 j 06:17	7°♋50'03	
evening set	-1763 Jul 02 j 04:20	5°♋41'45	
min. Earth dist.	-1763 Jul 05 j 21:03	3°♋00'08	0.61020 AU
inferior conj	-1763 Jul 09 j 02:58	0°♋12'16	-4°-25'-29
minimum elong	-1763 Jul 09 j 05:35	0°♋06'36	4°25'12
	-1763 Jul 09 j 08:39	30°℞♊	
morning rise	-1763 Jul 16 j 09:50	25°♊22'21	
direct	-1763 Jul 18 j 21:01	24°♊57'54	
morning max el	-1763 Jul 25 j 23:13	28°♊27'48	18°03'18
	-1763 Jul 27 j 10:16	0°♋	
asc. node	-1763 Jul 27 j 16:08	0°♋16'55	
morning set	-1763 Aug 10 j 21:07	23°♋34'32	
	-1763 Aug 14 j 08:30	0°♌	
superior conj	-1763 Aug 21 j 00:32	12°♌03'15	1°33'46
minimum elong	-1763 Aug 21 j 04:31	12°♌20'51	1°33'28
max. Earth dist.	-1763 Aug 28 j 14:21	25°♌03'59	1.41843 AU
	-1763 Aug 31 j 14:07	0°♍	
evening rise	-1763 Sep 03 j 12:49	4°♍45'27	
desc. node	-1763 Sep 06 j 13:18	9°♍32'17	
	-1763 Sep 20 j 04:37	0°♎	
greatest brilliancy	-1763 Oct 01 j 17:06	15°♎28'22	-0.3m
evening max el	-1763 Oct 06 j 11:07	20°♎48'54	22°23'51
retrograde	-1763 Oct 16 j 01:26	26°♎31'18	
evening set	-1763 Oct 20 j 13:41	24°♎43'08	
asc. node	-1763 Oct 23 j 15:18	21°♎28'37	
inferior conj	-1763 Oct 25 j 22:41	18°♎22'40	0°47'21
minimum elong	-1763 Oct 25 j 21:36	18°♎26'25	0°46'54
min. Earth dist.	-1763 Oct 25 j 21:34	18°♎26'34	0.67539 AU
morning rise	-1763 Oct 31 j 05:25	12°♎07'47	
direct	-1763 Nov 04 j 18:45	10°♎16'51	
morning max el	-1763 Nov 14 j 05:54	15°♎53'37	22°18'56
greatest brilliancy	-1763 Nov 18 j 22:11	21°♎09'39	-0.3m
	-1763 Nov 25 j 16:23	0°♏	
desc. node	-1763 Dec 03 j 12:42	11°♏13'59	
	-1763 Dec 15 j 17:26	0°♐	
morning set	-1763 Dec 17 j 11:19	2°♐48'35	
max. Earth dist.	-1763 Dec 23 j 00:59	12°♐00'36	1.40836 AU
superior conj	-1763 Dec 30 j 19:39	25°♐30'55	-1°-58'-58
minimum elong	-1763 Dec 30 j 19:39	25°♐30'56	1°59'01
	-1762 Jan 02 j 07:18	0°♑	
evening rise	-1762 Jan 10 j 00:54	14°♑20'59	
	-1762 Jan 18 j 16:50	0°♒	
asc. node	-1762 Jan 19 j 14:35	1°♒28'52	
evening max el	-1762 Jan 26 j 06:36	10°♒18'24	18°17'41
retrograde	-1762 Feb 02 j 10:12	13°♒52'01	
evening set	-1762 Feb 04 j 22:41	13°♒26'30	
inferior conj	-1762 Feb 12 j 01:41	8°♒43'58	3°43'49
minimum elong	-1762 Feb 12 j 04:01	8°♒38'57	3°43'33
min. Earth dist.	-1762 Feb 15 j 10:52	5°♒50'42	0.59622 AU
morning rise	-1762 Feb 19 j 05:59	3°♒09'09	
direct	-1762 Feb 25 j 17:59	1°♒14'28	
desc. node	-1762 Mar 01 j 11:51	1°♒50'47	
morning max el	-1762 Mar 12 j 00:37	8°♒56'39	27°11'05
	-1762 Mar 28 j 02:35	0°♓	
morning set	-1762 Apr 11 j 19:28	27°♓09'57	
	-1762 Apr 13 j 03:55	0°♈	
asc. node	-1762 Apr 17 j 13:56	9°♈31'07	
superior conj	-1762 Apr 18 j 22:59	12°♈32'02	0°14'30
minimum elong	-1762 Apr 18 j 22:20	12°♈28'29	0°14'22
behind sun begin	-1762 Apr 18 j 20:14	12°♈17'02	
behind sun end	-1762 Apr 19 j 00:25	12°♈39'57	
max. Earth dist.	-1762 Apr 18 j 13:09	11°♈38'10	1.32436 AU
evening rise	-1762 Apr 25 j 22:18	27°♈37'10	
	-1762 Apr 27 j 01:41	0°♉	
	-1762 May 14 j 02:53	0°♊	
evening max el	-1762 May 24 j 06:05	12°♊08'25	26°01'33
desc. node	-1762 May 28 j 11:00	15°♊40'10	
retrograde	-1762 Jun 07 j 07:53	19°♊23'21	
evening set	-1762 Jun 13 j 10:52	17°♊51'47	
min. Earth dist.	-1762 Jun 17 j 18:48	15°♊11'44	0.58965 AU
inferior conj	-1762 Jun 21 j 03:00	12°♊41'37	-4°-33'-3
minimum elong	-1762 Jun 21 j 02:18	12°♊42'57	4°33'02
morning rise	-1762 Jun 28 j 21:28	8°♊14'10	
direct	-1762 Jul 01 j 08:57	7°♊53'28	
morning max el	-1762 Jul 09 j 07:25	11°♊40'01	18°31'51
asc. node	-1762 Jul 14 j 13:11	18°♊03'20	
	-1762 Jul 21 j 14:18	0°♋	
morning set	-1762 Jul 25 j 11:11	7°♋21'21	
superior conj	-1762 Aug 03 j 11:36	24°♋34'55	1°45'59
minimum elong	-1762 Aug 03 j 13:11	24°♋42'18	1°45'57
	-1762 Aug 06 j 10:18	0°♌	
max. Earth dist.	-1762 Aug 10 j 18:28	7°♌43'26	1.39922 AU
evening rise	-1762 Aug 15 j 02:40	15°♌08'32	
desc. node	-1762 Aug 24 j 10:19	0°♍06'59	
	-1762 Aug 24 j 08:31	0°♍	
	-1762 Sep 15 j 01:17	0°♎	
evening max el	-1762 Sep 19 j 00:35	4°♎18'20	23°44'12
retrograde	-1762 Sep 29 j 17:46	10°♎37'35	
evening set	-1762 Oct 04 j 20:03	8°♎30'42	
inferior conj	-1762 Oct 10 j 05:24	2°♎08'05	0°-5'-59
minimum elong	-1762 Oct 10 j 05:32	2°♎07'36	0°05'56
transit middle	-1762 Oct 10 j 05:32	2°♎07'36	0°05'56
transit begin	-1762 Oct 10 j 03:01	2°♎16'14	
transit end	-1762 Oct 10 j 08:04	1°♎58'59	
min. Earth dist.	-1762 Oct 09 j 18:03	2°♎46'46	0.67488 AU
asc. node	-1762 Oct 10 j 12:21	1°♎44'23	
	-1762 Oct 11 j 19:38	30°℞♍	
morning rise	-1762 Oct 15 j 15:09	25°♍57'16	
direct	-1762 Oct 19 j 14:43	24°♍27'48	
morning max el	-1762 Oct 27 j 23:23	29°♍21'31	20°58'38
	-1762 Oct 28 j 14:15	0°♎	
greatest brilliancy	-1762 Nov 02 j 15:27	5°♎59'24	-0.5m
	-1762 Nov 19 j 09:23	0°♏	
desc. node	-1762 Nov 20 j 09:43	1°♏32'26	
morning set	-1762 Nov 26 j 17:23	11°♏17'04	
max. Earth dist.	-1762 Dec 05 j 04:48	24°♏47'31	1.42712 AU
	-1762 Dec 08 j 08:56	0°♐	
superior conj	-1762 Dec 12 j 03:24	6°♐18'53	-1°-51'-52
minimum elong	-1762 Dec 11 j 23:12	6°♐01'07	1°51'41

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1762 Dec 23 j 20:55	26°♐49'35	
	-1762 Dec 25 j 15:29	0°♑	
asc. node	-1761 Jan 06 j 11:37	19°♑33'04	
evening max el	-1761 Jan 09 j 17:32	23°♑22'43	18°07'52
retrograde	-1761 Jan 16 j 08:45	26°♑48'49	
evening set	-1761 Jan 19 j 00:57	26°♑15'09	
inferior conj	-1761 Jan 25 j 14:56	21°♑10'57	3°56'11
minimum elong	-1761 Jan 25 j 14:48	21°♑11'15	3°56'09
min. Earth dist.	-1761 Jan 28 j 15:00	18°♑14'14	0.61677 AU
morning rise	-1761 Feb 01 j 02:16	15°♑20'39	
direct	-1761 Feb 08 j 01:35	12°♑53'07	
desc. node	-1761 Feb 16 j 08:56	15°♑51'57	
morning max el	-1761 Feb 22 j 03:11	20°♑41'01	27°42'58
	-1761 Mar 02 j 05:00	0°♒	
	-1761 Mar 21 j 00:39	0°♓	
morning set	-1761 Mar 27 j 00:35	11°♓45'24	
max. Earth dist.	-1761 Apr 02 j 00:16	24°♓23'52	1.32631 AU
superior conj	-1761 Apr 03 j 09:37	27°♓24'54	0°-11'-7
minimum elong	-1761 Apr 03 j 10:08	27°♓27'42	0°11'02
behind sun begin	-1761 Apr 03 j 06:26	27°♓07'38	
behind sun end	-1761 Apr 03 j 13:49	27°♓47'47	
asc. node	-1761 Apr 04 j 10:58	29°♓43'02	
	-1761 Apr 04 j 14:04	0°♈	
evening rise	-1761 Apr 10 j 09:39	12°♈33'16	
	-1761 Apr 19 j 07:11	0°♉	
evening max el	-1761 May 05 j 23:04	23°♉06'15	24°39'31
desc. node	-1761 May 15 j 08:03	29°♉21'32	
	-1761 May 17 j 20:14	0°♊	
retrograde	-1761 May 19 j 22:22	0°♊10'06	
	-1761 May 22 j 00:38	30°℞♉	
evening set	-1761 May 24 j 19:00	29°♉16'42	
min. Earth dist.	-1761 May 30 j 10:53	26°♉21'52	0.57067 AU
inferior conj	-1761 Jun 02 j 07:22	24°♉30'31	-4°-7'-55
minimum elong	-1761 Jun 02 j 02:31	24°♉38'28	4°07'11
morning rise	-1761 Jun 10 j 13:58	20°♉23'02	
direct	-1761 Jun 13 j 02:54	20°♉04'56	
morning max el	-1761 Jun 22 j 07:33	24°♉21'38	19°21'04
	-1761 Jun 27 j 04:04	0°♊	
asc. node	-1761 Jul 01 j 10:15	6°♊34'54	
morning set	-1761 Jul 09 j 10:21	21°♊36'40	
	-1761 Jul 13 j 15:00	0°♋	
superior conj	-1761 Jul 17 j 15:47	7°♋58'41	1°47'48
minimum elong	-1761 Jul 17 j 15:17	7°♋56'13	1°47'50
max. Earth dist.	-1761 Jul 23 j 20:58	19°♋46'29	1.37948 AU
evening rise	-1761 Jul 27 j 17:51	26°♋44'41	
	-1761 Jul 29 j 14:36	0°♌	
desc. node	-1761 Aug 11 j 07:21	20°♌29'32	
	-1761 Aug 17 j 20:46	0°♍	
evening max el	-1761 Sep 01 j 12:06	17°♍51'45	25°02'11
retrograde	-1761 Sep 13 j 05:59	24°♍40'39	
evening set	-1761 Sep 18 j 23:16	22°♍15'58	
min. Earth dist.	-1761 Sep 23 j 12:28	17°♍07'19	0.67121 AU
inferior conj	-1761 Sep 24 j 10:25	15°♍55'04	-1°00'-38
minimum elong	-1761 Sep 24 j 11:54	15°♍50'11	1°00'02
asc. node	-1761 Sep 27 j 09:25	12°♍14'54	
morning rise	-1761 Sep 30 j 00:59	9°♍51'30	
direct	-1761 Oct 03 j 12:44	8°♍41'04	
morning max el	-1761 Oct 11 j 00:23	12°♍59'11	19°50'06
greatest brilliancy	-1761 Oct 18 j 19:41	22°♍43'18	-0.6m
	-1761 Oct 23 j 20:09	0°♎	
morning set	-1761 Nov 05 j 14:49	19°♎28'58	
desc. node	-1761 Nov 07 j 06:45	22°♎03'47	
	-1761 Nov 12 j 08:49	0°♏	
max. Earth dist.	-1761 Nov 17 j 16:37	8°♏24'44	1.44108 AU
superior conj	-1761 Nov 22 j 08:07	15°♏52'02	-1°-27'-42
minimum elong	-1761 Nov 22 j 00:32	15°♏21'20	1°27'01
	-1761 Nov 30 j 22:13	0°♐	
evening rise	-1761 Dec 05 j 22:28	8°♐27'39	
	-1761 Dec 19 j 00:08	0°♑	
asc. node	-1761 Dec 24 j 08:41	6°♑46'28	
evening max el	-1761 Dec 24 j 06:11	6°♑40'09	18°17'07
retrograde	-1761 Dec 30 j 18:27	10°♑11'18	
evening set	-1760 Jan 02 j 14:44	9°♑28'29	
inferior conj	-1760 Jan 08 j 18:41	4°♑03'47	3°47'00
minimum elong	-1760 Jan 08 j 16:47	4°♑09'02	3°46'45
min. Earth dist.	-1760 Jan 11 j 04:26	1°♑24'29	0.63538 AU
	-1760 Jan 12 j 13:05	30°℞♐	
morning rise	-1760 Jan 14 j 17:15	28°♐02'56	
direct	-1760 Jan 21 j 17:09	25°♐16'24	
	-1760 Feb 01 j 01:45	0°♑	
desc. node	-1760 Feb 03 j 05:59	1°♑55'03	
morning max el	-1760 Feb 04 j 10:36	3°♑04'03	27°38'09
	-1760 Feb 24 j 14:05	0°♒	
morning set	-1760 Mar 09 j 23:05	25°♒57'13	
	-1760 Mar 11 j 23:13	0°♓	
max. Earth dist.	-1760 Mar 15 j 05:38	6°♓47'00	1.33221 AU
superior conj	-1760 Mar 17 j 17:26	12°♓05'00	0°-37'-12
minimum elong	-1760 Mar 17 j 19:09	12°♓14'15	0°36'51
asc. node	-1760 Mar 21 j 08:02	19°♓51'00	
evening rise	-1760 Mar 24 j 21:19	27°♓25'54	
	-1760 Mar 26 j 02:50	0°♈	
	-1760 Apr 13 j 02:39	0°♉	
evening max el	-1760 Apr 16 j 14:30	3°♉44'25	23°05'20
retrograde	-1760 Apr 29 j 23:53	10°♉22'30	
desc. node	-1760 May 01 j 05:06	10°♉19'12	
evening set	-1760 May 03 j 11:30	9°♉55'57	
min. Earth dist.	-1760 May 11 j 00:20	6°♉34'03	0.55669 AU
inferior conj	-1760 May 12 j 16:12	5°♉36'02	-3°00'-25
minimum elong	-1760 May 12 j 09:32	5°♉45'46	2°58'35
morning rise	-1760 May 21 j 10:35	1°♉40'31	
direct	-1760 May 24 j 02:25	1°♉23'33	
morning max el	-1760 Jun 03 j 21:21	6°♉24'02	20°30'55
asc. node	-1760 Jun 17 j 07:20	25°♉40'48	
	-1760 Jun 19 j 13:25	0°♊	
morning set	-1760 Jun 22 j 15:48	6°♊12'53	
superior conj	-1760 Jun 30 j 08:15	22°♊00'55	1°41'35
minimum elong	-1760 Jun 30 j 06:23	21°♊51'25	1°41'30
	-1760 Jul 04 j 08:10	0°♋	
max. Earth dist.	-1760 Jul 05 j 03:45	1°♋35'31	1.36147 AU
evening rise	-1760 Jul 09 j 06:39	9°♋24'53	
	-1760 Jul 21 j 05:48	0°♌	
desc. node	-1760 Jul 28 j 04:22	10°♌33'53	
	-1760 Aug 12 j 13:01	0°♍	
evening max el	-1760 Aug 13 j 23:25	1°♍26'19	26°09'52
retrograde	-1760 Aug 26 j 13:22	8°♍35'04	
evening set	-1760 Sep 01 j 21:18	5°♍56'06	
min. Earth dist.	-1760 Sep 06 j 02:19	1°♍25'05	0.66424 AU
inferior conj	-1760 Sep 07 j 11:53	29°♌40'38	-1°-54'-58
minimum elong	-1760 Sep 07 j 14:40	29°♌31'57	1°53'54
	-1760 Sep 07 j 05:41	30°℞♌	
morning rise	-1760 Sep 13 j 08:54	23°♌47'31	
asc. node	-1760 Sep 13 j 06:31	23°♌51'04	
direct	-1760 Sep 16 j 11:00	22°♌52'53	
morning max el	-1760 Sep 23 j 08:20	26°♌44'45	18°56'11
	-1760 Sep 26 j 04:51	0°♍	
morning set	-1760 Oct 15 j 03:24	28°♍31'13	
	-1760 Oct 16 j 01:54	0°♎	
desc. node	-1760 Oct 24 j 03:46	12°♎43'13	
max. Earth dist.	-1760 Oct 30 j 09:38	22°♎32'36	1.44849 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1760 Oct 31 j 13:56	24°♎24'07	0°-46'-44
minimum elong	-1760 Oct 31 j 08:03	24°♎00'56	0°46'02
	-1760 Nov 04 j 02:57	0°♏	
evening rise	-1760 Nov 16 j 01:19	19°♏06'49	
	-1760 Nov 22 j 18:29	0°♐	
evening max el	-1760 Dec 06 j 17:45	20°♐03'51	18°44'35
asc. node	-1760 Dec 10 j 05:45	22°♐54'16	
retrograde	-1760 Dec 13 j 11:13	23°♐50'43	
evening set	-1760 Dec 16 j 12:43	22°♐57'22	
inferior conj	-1760 Dec 22 j 09:09	17°♐14'39	3°22'42
minimum elong	-1760 Dec 22 j 06:22	17°♐23'07	3°22'05
min. Earth dist.	-1760 Dec 24 j 03:43	15°♐05'46	0.65061 AU
morning rise	-1760 Dec 27 j 22:56	11°♐06'18	
direct	-1759 Jan 03 j 15:24	8°♐15'42	
morning max el	-1759 Jan 16 j 20:14	15°♐55'30	27°00'06
desc. node	-1759 Jan 20 j 03:03	19°♐25'33	
	-1759 Jan 28 j 12:17	0°♑	
	-1759 Feb 16 j 08:25	0°♒	
morning set	-1759 Feb 21 j 11:48	9°♒35'14	
max. Earth dist.	-1759 Feb 26 j 01:28	18°♒37'16	1.34235 AU
superior conj	-1759 Mar 01 j 20:22	26°♒25'35	-1°-2'-35
minimum elong	-1759 Mar 01 j 23:11	26°♒40'15	1°02'07
	-1759 Mar 03 j 13:12	0°♓	
asc. node	-1759 Mar 08 j 05:05	9°♓50'33	
evening rise	-1759 Mar 09 j 07:30	12°♓08'31	
	-1759 Mar 18 j 14:48	0°♈	
evening max el	-1759 Mar 29 j 10:56	14°♈31'41	21°33'25
retrograde	-1759 Apr 10 j 15:21	20°♈26'16	
evening set	-1759 Apr 13 j 03:50	20°♈11'51	
desc. node	-1759 Apr 18 j 02:08	18°♈31'09	
inferior conj	-1759 Apr 22 j 12:18	16°♈10'25	-1°-14'-35
minimum elong	-1759 Apr 22 j 08:49	16°♈15'18	1°13'22
min. Earth dist.	-1759 Apr 22 j 13:34	16°♈08'38	0.55068 AU
morning rise	-1759 May 01 j 14:20	12°♈10'48	
direct	-1759 May 04 j 14:05	11°♈51'14	
morning max el	-1759 May 17 j 00:19	17°♈44'32	21°58'46
	-1759 May 26 j 17:45	0°♉	
asc. node	-1759 Jun 04 j 04:24	15°♉12'23	
morning set	-1759 Jun 07 j 01:18	21°♉03'35	
	-1759 Jun 11 j 07:15	0°♊	
superior conj	-1759 Jun 14 j 09:15	6°♊30'32	1°29'16
minimum elong	-1759 Jun 14 j 06:45	6°♊17'25	1°29'01
max. Earth dist.	-1759 Jun 17 j 18:59	13°♊33'49	1.34665 AU
evening rise	-1759 Jun 22 j 11:58	22°♊55'28	
	-1759 Jun 26 j 06:01	0°♋	
	-1759 Jul 14 j 21:53	0°♌	
desc. node	-1759 Jul 15 j 01:23	0°♌12'03	
evening max el	-1759 Jul 27 j 11:01	14°♌55'22	26°59'28
retrograde	-1759 Aug 09 j 15:42	22°♌14'35	
evening set	-1759 Aug 16 j 11:51	19°♌28'31	
min. Earth dist.	-1759 Aug 20 j 09:18	15°♌35'42	0.65364 AU
inferior conj	-1759 Aug 22 j 07:44	13°♌21'51	-2°-46'-53
minimum elong	-1759 Aug 22 j 11:35	13°♌10'43	2°45'36
morning rise	-1759 Aug 28 j 12:41	7°♌42'26	
direct	-1759 Aug 31 j 07:31	7°♌00'03	
asc. node	-1759 Aug 31 j 03:34	7°♌00'11	
morning max el	-1759 Sep 06 j 21:14	10°♌34'53	18°18'29
	-1759 Sep 20 j 09:02	0°♍	
morning set	-1759 Sep 25 j 19:26	8°♍55'06	
	-1759 Oct 08 j 20:22	0°♎	
superior conj	-1759 Oct 10 j 14:51	2°♎48'29	0°02'42
minimum elong	-1759 Oct 10 j 15:11	2°♎49'49	0°02'40
behind sun begin	-1759 Oct 10 j 04:11	2°♎06'15	
behind sun end	-1759 Oct 11 j 02:11	3°♎33'21	
desc. node	-1759 Oct 11 j 00:47	3°♎27'49	
max. Earth dist.	-1759 Oct 13 j 04:11	6°♎50'44	1.44860 AU
evening rise	-1759 Oct 27 j 04:05	28°♎46'18	
	-1759 Oct 27 j 22:57	0°♏	
greatest brilliancy	-1759 Nov 11 j 06:18	22°♏00'49	-0.7m
	-1759 Nov 17 j 01:03	0°♐	
evening max el	-1759 Nov 20 j 01:58	3°♐30'20	19°28'58
retrograde	-1759 Nov 27 j 07:40	7°♐41'46	
asc. node	-1759 Nov 27 j 02:47	7°♐41'32	
evening set	-1759 Nov 30 j 16:07	6°♐36'01	
inferior conj	-1759 Dec 06 j 07:12	0°♐38'25	2°47'43
minimum elong	-1759 Dec 06 j 04:16	0°♐47'56	2°46'51
	-1759 Dec 06 j 19:01	30°℞♏	
min. Earth dist.	-1759 Dec 07 j 11:44	29°♏05'54	0.66207 AU
morning rise	-1759 Dec 11 j 15:38	24°♏25'02	
direct	-1759 Dec 17 j 19:46	21°♏42'44	
morning max el	-1759 Dec 30 j 05:42	29°♏02'53	25°56'03
	-1759 Dec 31 j 04:01	0°♐	
desc. node	-1758 Jan 07 j 00:05	7°♐57'55	
	-1758 Jan 22 j 08:01	0°♑	
morning set	-1758 Feb 04 j 10:29	22°♑26'49	
	-1758 Feb 08 j 10:36	0°♒	
max. Earth dist.	-1758 Feb 08 j 09:27	29°♑54'24	1.35695 AU
superior conj	-1758 Feb 13 j 15:56	10°♒19'17	-1°-25'-49
minimum elong	-1758 Feb 13 j 19:25	10°♒36'52	1°25'23
evening rise	-1758 Feb 21 j 14:12	26°♒34'47	
asc. node	-1758 Feb 23 j 02:07	29°♒36'57	
	-1758 Feb 23 j 06:42	0°♓	
evening max el	-1758 Mar 11 j 17:25	25°♓50'27	20°14'21
	-1758 Mar 17 j 20:15	0°♈	
retrograde	-1758 Mar 22 j 06:01	0°♈52'10	
evening set	-1758 Mar 24 j 10:38	0°♈40'01	
	-1758 Mar 26 j 21:18	30°℞♓	
inferior conj	-1758 Apr 02 j 09:09	26°♓41'26	0°43'25
minimum elong	-1758 Apr 02 j 11:04	26°♓38'34	0°42'45
min. Earth dist.	-1758 Apr 04 j 03:42	25°♓38'15	0.55420 AU
desc. node	-1758 Apr 04 j 23:12	25°♓09'57	
morning rise	-1758 Apr 11 j 09:01	22°♓18'51	
direct	-1758 Apr 15 j 03:32	21°♓47'46	
morning max el	-1758 Apr 28 j 18:40	28°♓30'31	23°37'34
	-1758 Apr 30 j 06:45	0°♈	
	-1758 May 19 j 14:28	0°♉	
asc. node	-1758 May 22 j 01:26	5°♉02'05	
morning set	-1758 May 22 j 12:53	6°♉01'55	
superior conj	-1758 May 29 j 15:53	21°♉17'38	1°12'19
minimum elong	-1758 May 29 j 13:22	21°♉04'06	1°11'56
max. Earth dist.	-1758 May 31 j 19:42	25°♉54'09	1.33569 AU
	-1758 Jun 02 j 18:29	0°♊	
evening rise	-1758 Jun 06 j 05:12	7°♊02'31	
	-1758 Jun 18 j 19:03	0°♋	
desc. node	-1758 Jul 01 j 22:25	19°♋12'05	
evening max el	-1758 Jul 09 j 21:52	28°♋07'33	27°23'54
	-1758 Jul 11 j 23:27	0°♌	
retrograde	-1758 Jul 23 j 12:25	5°♌29'31	
evening set	-1758 Jul 30 j 15:52	2°♌47'27	
	-1758 Aug 02 j 19:29	30°℞♋	
min. Earth dist.	-1758 Aug 03 j 07:29	29°♋29'46	0.63929 AU
inferior conj	-1758 Aug 05 j 19:27	26°♋52'51	-3°-33'-36
minimum elong	-1758 Aug 05 j 23:47	26°♋41'30	3°32'28
morning rise	-1758 Aug 12 j 09:38	21°♋30'12	
direct	-1758 Aug 14 j 23:36	20°♋56'48	
asc. node	-1758 Aug 18 j 00:37	21°♋43'26	
morning max el	-1758 Aug 21 j 12:27	24°♋23'03	17°58'02
	-1758 Aug 26 j 01:45	0°♌	
morning set	-1758 Sep 07 j 14:01	20°♌35'15	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1758 Sep 13 j 02:12	0°♍	
superior conj	-1758 Sep 20 j 08:25	12°♍04'50	0°47'58
minimum elong	-1758 Sep 20 j 13:13	12°♍24'27	0°47'22
max. Earth dist.	-1758 Sep 25 j 21:01	21°♍00'11	1.44151 AU
desc. node	-1758 Sep 27 j 21:47	24°♍13'59	
	-1758 Oct 01 j 13:45	0°♎	
evening rise	-1758 Oct 06 j 12:55	7°♎42'34	
	-1758 Oct 21 j 07:09	0°♏	
greatest brilliancy	-1758 Oct 27 j 23:28	9°♏25'44	-0.5m
evening max el	-1758 Nov 03 j 05:09	16°♏57'41	20°28'16
retrograde	-1758 Nov 11 j 05:09	21°♏40'47	
asc. node	-1758 Nov 13 j 23:48	20°♏56'28	
evening set	-1758 Nov 14 j 22:43	20°♏20'20	
inferior conj	-1758 Nov 20 j 10:13	14°♏11'15	2°05'05
minimum elong	-1758 Nov 20 j 07:42	14°♏19'46	2°04'10
min. Earth dist.	-1758 Nov 21 j 02:20	13°♏16'44	0.66987 AU
morning rise	-1758 Nov 25 j 16:09	7°♏55'18	
direct	-1758 Dec 01 j 05:34	5°♏29'51	
morning max el	-1758 Dec 12 j 14:11	12°♏16'18	24°35'31
desc. node	-1758 Dec 24 j 21:07	27°♏14'05	
	-1758 Dec 26 j 20:55	0°♐	
	-1757 Jan 15 j 02:31	0°♑	
morning set	-1757 Jan 17 j 13:34	4°♑16'00	
max. Earth dist.	-1757 Jan 21 j 07:20	10°♑57'23	1.37555 AU
superior conj	-1757 Jan 28 j 00:55	23°♑37'15	-1°-44'-48
minimum elong	-1757 Jan 28 j 04:13	23°♑53'17	1°44'35
	-1757 Jan 31 j 07:02	0°♒	
evening rise	-1757 Feb 05 j 15:11	10°♒38'10	
asc. node	-1757 Feb 09 j 23:08	19°♒04'53	
	-1757 Feb 16 j 06:14	0°♓	
evening max el	-1757 Feb 22 j 10:55	7°♓47'28	19°13'24
retrograde	-1757 Mar 03 j 08:07	12°♓02'34	
evening set	-1757 Mar 05 j 14:32	11°♓47'10	
inferior conj	-1757 Mar 13 j 19:59	7°♓36'48	2°21'20
minimum elong	-1757 Mar 14 j 00:35	7°♓29'00	2°20'03
min. Earth dist.	-1757 Mar 16 j 19:02	5°♓37'33	0.56645 AU
morning rise	-1757 Mar 22 j 06:40	2°♓42'49	
desc. node	-1757 Mar 22 j 20:15	2°♓30'49	
direct	-1757 Mar 27 j 04:53	1°♓46'31	
morning max el	-1757 Apr 10 j 09:27	9°♓03'03	25°15'12
	-1757 Apr 26 j 00:44	0°♈	
morning set	-1757 May 07 j 00:55	21°♈02'27	
asc. node	-1757 May 08 j 22:29	25°♈04'27	
	-1757 May 11 j 05:10	0°♉	
superior conj	-1757 May 14 j 01:57	6°♉14'53	0°51'48
minimum elong	-1757 May 13 j 23:53	6°♉03'39	0°51'26
max. Earth dist.	-1757 May 15 j 04:02	8°♉36'50	1.32856 AU
evening rise	-1757 May 21 j 06:48	21°♉35'01	
	-1757 May 25 j 12:12	0°♊	
	-1757 Jun 12 j 20:23	0°♋	
desc. node	-1757 Jun 18 j 19:26	7°♋17'49	
evening max el	-1757 Jun 22 j 05:57	10°♋50'42	27°17'30
retrograde	-1757 Jul 06 j 02:37	18°♋10'38	
evening set	-1757 Jul 13 j 05:33	15°♋46'24	
min. Earth dist.	-1757 Jul 16 j 19:43	12°♋55'17	0.62156 AU
inferior conj	-1757 Jul 19 j 20:04	10°♋06'54	-4°-10'-51
minimum elong	-1757 Jul 19 j 23:46	9°♋58'15	4°10'14
morning rise	-1757 Jul 26 j 20:33	5°♋04'01	
direct	-1757 Jul 29 j 08:08	4°♋36'50	
asc. node	-1757 Aug 04 j 21:41	7°♋49'39	
morning max el	-1757 Aug 05 j 03:09	8°♋02'52	17°55'50
	-1757 Aug 19 j 10:13	0°♌	
morning set	-1757 Aug 21 j 05:40	3°♌15'51	
superior conj	-1757 Sep 01 j 05:02	22°♌41'11	1°21'02
minimum elong	-1757 Sep 01 j 10:04	23°♌02'48	1°20'32
	-1757 Sep 05 j 12:50	0°♍	
max. Earth dist.	-1757 Sep 08 j 09:53	4°♍45'03	1.42824 AU
desc. node	-1757 Sep 14 j 18:47	14°♍58'33	
evening rise	-1757 Sep 15 j 20:14	16°♍38'31	
	-1757 Sep 24 j 13:26	0°♎	
greatest brilliancy	-1757 Oct 12 j 04:23	24°♎47'15	-0.4m
	-1757 Oct 16 j 16:41	0°♏	
evening max el	-1757 Oct 17 j 02:26	0°♏25'09	21°39'23
retrograde	-1757 Oct 26 j 01:41	5°♏44'51	
evening set	-1757 Oct 30 j 06:34	4°♏07'19	
asc. node	-1757 Oct 31 j 20:50	2°♏39'03	
	-1757 Nov 03 j 01:51	30°℞♎	
inferior conj	-1757 Nov 04 j 16:05	27°♎50'12	1°16'56
minimum elong	-1757 Nov 04 j 14:23	27°♎56'03	1°16'14
min. Earth dist.	-1757 Nov 04 j 21:02	27°♎33'05	0.67431 AU
morning rise	-1757 Nov 09 j 21:55	21°♎34'17	
direct	-1757 Nov 14 j 19:58	19°♎30'14	
morning max el	-1757 Nov 24 j 23:30	25°♎32'46	23°08'25
	-1757 Nov 29 j 00:19	0°♏	
greatest brilliancy	-1757 Nov 29 j 23:20	1°♏09'04	-0.3m
desc. node	-1757 Dec 11 j 18:08	17°♏01'00	
	-1757 Dec 20 j 10:10	0°♐	
morning set	-1757 Dec 29 j 14:39	14°♐45'28	
max. Earth dist.	-1756 Jan 03 j 02:35	22°♐23'28	1.39646 AU
	-1756 Jan 07 j 10:14	0°♑	
superior conj	-1756 Jan 10 j 18:59	6°♑07'14	-1°-56'-45
minimum elong	-1756 Jan 10 j 20:43	6°♑15'15	1°56'45
evening rise	-1756 Jan 20 j 07:40	24°♑10'45	
	-1756 Jan 23 j 08:59	0°♒	
asc. node	-1756 Jan 27 j 20:10	8°♒07'00	
evening max el	-1756 Feb 05 j 13:23	20°♒16'42	18°32'13
retrograde	-1756 Feb 13 j 04:39	24°♒00'41	
evening set	-1756 Feb 15 j 15:08	23°♒39'09	
inferior conj	-1756 Feb 23 j 03:02	19°♒08'54	3°23'45
minimum elong	-1756 Feb 23 j 06:43	19°♒01'36	3°23'06
min. Earth dist.	-1756 Feb 26 j 12:50	16°♒29'05	0.58460 AU
morning rise	-1756 Mar 01 j 18:34	13°♒46'56	
direct	-1756 Mar 07 j 19:14	12°♒14'31	
desc. node	-1756 Mar 08 j 17:18	12°♒16'40	
morning max el	-1756 Mar 22 j 02:34	19°♒49'14	26°36'47
	-1756 Mar 30 j 19:02	0°♓	
	-1756 Apr 17 j 13:46	0°♈	
morning set	-1756 Apr 20 j 11:45	5°♈58'42	
asc. node	-1756 Apr 24 j 19:32	15°♈14'00	
superior conj	-1756 Apr 27 j 13:33	21°♈15'11	0°28'40
minimum elong	-1756 Apr 27 j 12:18	21°♈08'23	0°28'26
max. Earth dist.	-1756 Apr 27 j 16:36	21°♈31'55	1.32497 AU
	-1756 May 01 j 13:49	0°♉	
evening rise	-1756 May 04 j 13:55	6°♉22'57	
	-1756 May 17 j 02:46	0°♊	
evening max el	-1756 Jun 03 j 08:40	22°♊53'30	26°38'04
desc. node	-1756 Jun 04 j 16:28	24°♊06'35	
	-1756 Jun 15 j 09:02	0°♋	
retrograde	-1756 Jun 17 j 08:57	0°♋10'03	
	-1756 Jun 19 j 08:20	30°℞♊	
evening set	-1756 Jun 24 j 00:30	28°♊16'44	
min. Earth dist.	-1756 Jun 27 j 22:01	25°♊37'55	0.60149 AU
inferior conj	-1756 Jul 01 j 06:06	22°♊55'19	-4°-31'-57
minimum elong	-1756 Jul 01 j 07:31	22°♊52'25	4°31'52
morning rise	-1756 Jul 08 j 17:46	18°♊14'40	
direct	-1756 Jul 11 j 05:02	17°♊51'49	
morning max el	-1756 Jul 18 j 14:31	21°♊27'17	18°12'58
asc. node	-1756 Jul 21 j 18:45	25°♊03'46	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1756 Jul 25 j 04:22	0°♋	
morning set	-1756 Aug 03 j 12:53	16°♋42'11	
	-1756 Aug 10 j 15:19	0°♌	
superior conj	-1756 Aug 13 j 03:37	4°♌35'10	1°40'23
minimum elong	-1756 Aug 13 j 06:37	4°♌48'39	1°40'14
max. Earth dist.	-1756 Aug 20 j 17:36	17°♌52'40	1.41049 AU
evening rise	-1756 Aug 25 j 20:02	26°♌21'38	
	-1756 Aug 28 j 02:08	0°♍	
desc. node	-1756 Aug 31 j 15:49	5°♍38'14	
	-1756 Sep 17 j 07:40	0°♎	
greatest brilliancy	-1756 Sep 23 j 14:15	8°♎06'06	-0.3m
evening max el	-1756 Sep 28 j 18:19	13°♎53'46	22°57'56
retrograde	-1756 Oct 08 j 19:50	19°♎51'44	
evening set	-1756 Oct 13 j 13:59	17°♎55'32	
asc. node	-1756 Oct 17 j 17:53	13°♎13'24	
inferior conj	-1756 Oct 18 j 22:58	11°♎33'53	0°25'02
minimum elong	-1756 Oct 18 j 22:23	11°♎35'55	0°24'46
min. Earth dist.	-1756 Oct 18 j 17:29	11°♎52'49	0.67556 AU
morning rise	-1756 Oct 24 j 06:46	5°♎20'39	
direct	-1756 Oct 28 j 14:08	3°♎39'01	
morning max el	-1756 Nov 06 j 13:18	8°♎56'13	21°43'44
greatest brilliancy	-1756 Nov 11 j 11:38	14°♎33'22	-0.4m
	-1756 Nov 22 j 18:36	0°♏	
desc. node	-1756 Nov 27 j 15:11	7°♏10'14	
morning set	-1756 Dec 08 j 10:48	23°♏52'02	
	-1756 Dec 12 j 06:16	0°♐	
max. Earth dist.	-1756 Dec 15 j 02:54	4°♐41'55	1.41684 AU
superior conj	-1756 Dec 22 j 16:54	17°♐36'30	-1°-57'-51
minimum elong	-1756 Dec 22 j 15:15	17°♐29'18	1°57'51
	-1756 Dec 29 j 15:24	0°♑	
evening rise	-1755 Jan 02 j 12:20	7°♑05'40	
asc. node	-1755 Jan 13 j 17:12	26°♑35'22	
	-1755 Jan 16 j 03:29	0°♒	
evening max el	-1755 Jan 18 j 22:03	3°♒10'33	18°11'00
retrograde	-1755 Jan 25 j 19:03	6°♒39'22	
evening set	-1755 Jan 28 j 09:10	6°♒10'25	
inferior conj	-1755 Feb 04 j 06:12	1°♒18'13	3°52'11
minimum elong	-1755 Feb 04 j 07:27	1°♒15'21	3°52'04
	-1755 Feb 05 j 16:11	30°℞♑	
min. Earth dist.	-1755 Feb 07 j 12:18	28°♑20'51	0.60514 AU
morning rise	-1755 Feb 11 j 02:50	25°♑35'59	
direct	-1755 Feb 17 j 20:56	23°♑26'26	
desc. node	-1755 Feb 23 j 14:22	24°♑51'29	
	-1755 Mar 02 j 19:55	0°♒	
morning max el	-1755 Mar 04 j 01:49	1°♒10'59	27°29'07
	-1755 Mar 24 j 22:01	0°♓	
morning set	-1755 Apr 04 j 19:35	20°♓44'15	
	-1755 Apr 09 j 04:34	0°♈	
max. Earth dist.	-1755 Apr 11 j 05:32	4°♈26'03	1.32482 AU
asc. node	-1755 Apr 11 j 16:34	5°♈26'21	
superior conj	-1755 Apr 12 j 01:02	6°♈12'39	0°03'44
minimum elong	-1755 Apr 12 j 00:52	6°♈11'42	0°03'43
behind sun begin	-1755 Apr 11 j 19:57	5°♈44'50	
behind sun end	-1755 Apr 12 j 05:47	6°♈38'36	
evening rise	-1755 Apr 19 j 00:18	21°♈18'17	
	-1755 Apr 23 j 06:23	0°♉	
	-1755 May 12 j 05:37	0°♊	
evening max el	-1755 May 16 j 04:35	4°♊11'52	25°28'53
desc. node	-1755 May 22 j 13:31	9°♊07'09	
retrograde	-1755 May 30 j 05:50	11°♊23'10	
evening set	-1755 Jun 04 j 21:16	10°♊08'13	
min. Earth dist.	-1755 Jun 09 j 16:36	7°♊23'56	0.58121 AU
inferior conj	-1755 Jun 12 j 21:58	5°♊07'59	-4°-27'-6
minimum elong	-1755 Jun 12 j 19:28	5°♊12'25	4°26'54
morning rise	-1755 Jun 20 j 21:34	0°♊49'52	
direct	-1755 Jun 23 j 09:45	0°♊30'19	
morning max el	-1755 Jul 01 j 19:36	4°♊27'28	18°50'20
asc. node	-1755 Jul 08 j 15:50	13°♊10'50	
	-1755 Jul 17 j 22:34	0°♋	
morning set	-1755 Jul 18 j 07:12	0°♋42'08	
superior conj	-1755 Jul 26 j 22:39	17°♋31'01	1°47'53
minimum elong	-1755 Jul 26 j 23:16	17°♋33'58	1°47'55
	-1755 Aug 02 j 17:06	0°♌	
max. Earth dist.	-1755 Aug 02 j 20:41	0°♌15'56	1.39068 AU
evening rise	-1755 Aug 06 j 20:46	7°♌15'35	
desc. node	-1755 Aug 18 j 12:50	26°♌08'28	
	-1755 Aug 21 j 02:10	0°♍	
evening max el	-1755 Sep 11 j 06:30	27°♍24'10	24°18'07
	-1755 Sep 14 j 02:22	0°♎	
retrograde	-1755 Sep 22 j 10:31	3°♎57'20	
evening set	-1755 Sep 27 j 19:15	1°♎42'18	
	-1755 Sep 29 j 12:49	30°℞♍	
min. Earth dist.	-1755 Oct 02 j 13:17	26°♍13'19	0.67368 AU
inferior conj	-1755 Oct 03 j 05:09	25°♍19'53	0°-29'-6
minimum elong	-1755 Oct 03 j 05:51	25°♍17'31	0°28'50
asc. node	-1755 Oct 04 j 14:58	23°♍27'46	
morning rise	-1755 Oct 08 j 16:46	19°♍12'02	
direct	-1755 Oct 12 j 10:59	17°♍51'13	
morning max el	-1755 Oct 20 j 10:02	22°♍28'41	20°27'57
	-1755 Oct 26 j 17:04	0°♎	
greatest brilliancy	-1755 Oct 26 j 19:49	0°♎09'10	-0.5m
desc. node	-1755 Nov 14 j 12:13	27°♎34'45	
	-1755 Nov 16 j 01:56	0°♏	
morning set	-1755 Nov 17 j 10:15	2°♏04'57	
max. Earth dist.	-1755 Nov 27 j 10:23	17°♏52'24	1.43373 AU
superior conj	-1755 Dec 03 j 13:15	27°♏52'13	-1°-43'-50
minimum elong	-1755 Dec 03 j 07:16	27°♏27'23	1°43'27
	-1755 Dec 04 j 19:58	0°♐	
evening rise	-1755 Dec 16 j 01:04	19°♐14'06	
	-1755 Dec 22 j 05:18	0°♑	
asc. node	-1755 Dec 31 j 14:14	14°♑19'42	
evening max el	-1754 Jan 02 j 09:58	16°♑21'04	18°09'27
retrograde	-1754 Jan 08 j 23:03	19°♑48'19	
evening set	-1754 Jan 11 j 16:46	19°♑11'02	
inferior conj	-1754 Jan 18 j 02:08	13°♑57'45	3°54'30
minimum elong	-1754 Jan 18 j 01:09	14°♑00'18	3°54'24
min. Earth dist.	-1754 Jan 20 j 20:24	11°♑06'14	0.62498 AU
morning rise	-1754 Jan 24 j 07:29	8°♑02'10	
direct	-1754 Jan 31 j 08:01	5°♑24'45	
desc. node	-1754 Feb 10 j 11:26	9°♑49'18	
morning max el	-1754 Feb 14 j 07:00	13°♑13'58	27°45'22
	-1754 Feb 27 j 18:19	0°♒	
	-1754 Mar 17 j 07:35	0°♓	
morning set	-1754 Mar 19 j 22:18	5°♓11'50	
max. Earth dist.	-1754 Mar 25 j 14:49	17°♓04'50	1.32830 AU
superior conj	-1754 Mar 27 j 10:45	21°♓01'34	0°-22'-11
minimum elong	-1754 Mar 27 j 11:47	21°♓07'09	0°21'58
asc. node	-1754 Mar 29 j 13:38	25°♓37'37	
	-1754 Mar 31 j 14:02	0°♈	
evening rise	-1754 Apr 03 j 12:03	6°♈14'21	
	-1754 Apr 16 j 04:03	0°♉	
evening max el	-1754 Apr 27 j 20:01	14°♉58'22	23°59'59
desc. node	-1754 May 09 j 10:34	21°♉43'19	
retrograde	-1754 May 11 j 15:23	21°♉54'24	
evening set	-1754 May 15 j 21:30	21°♉14'11	
min. Earth dist.	-1754 May 22 j 07:17	18°♉09'07	0.56388 AU
inferior conj	-1754 May 24 j 17:46	16°♉38'53	-3°-44'-46
minimum elong	-1754 May 24 j 11:38	16°♉48'25	3°43'28

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1754 Jun 02 j 05:38	12°♉38'15	
direct	-1754 Jun 04 j 19:17	12°♉21'04	
morning max el	-1754 Jun 14 j 15:45	16°♉54'44	19°48'22
	-1754 Jun 24 j 09:39	0°♊	
asc. node	-1754 Jun 25 j 12:56	1°♊58'50	
morning set	-1754 Jul 02 j 09:22	15°♊07'43	
	-1754 Jul 09 j 17:52	0°♋	
superior conj	-1754 Jul 10 j 08:39	1°♋13'38	1°46'01
minimum elong	-1754 Jul 10 j 07:29	1°♋07'47	1°46'01
max. Earth dist.	-1754 Jul 15 j 23:52	12°♋08'33	1.37145 AU
evening rise	-1754 Jul 19 j 21:49	19°♋21'12	
	-1754 Jul 26 j 00:44	0°♌	
desc. node	-1754 Aug 05 j 09:51	16°♌24'21	
	-1754 Aug 15 j 04:35	0°♍	
evening max el	-1754 Aug 24 j 17:34	10°♍58'02	25°32'39
retrograde	-1754 Sep 05 j 20:55	17°♍57'31	
evening set	-1754 Sep 11 j 20:31	15°♍26'00	
min. Earth dist.	-1754 Sep 16 j 06:05	10°♍33'05	0.66863 AU
inferior conj	-1754 Sep 17 j 08:53	9°♍06'40	-1°-23'-53
minimum elong	-1754 Sep 17 j 10:56	9°♍00'03	1°23'03
asc. node	-1754 Sep 21 j 12:03	4°♍20'58	
morning rise	-1754 Sep 23 j 02:00	3°♍07'09	
direct	-1754 Sep 26 j 09:15	2°♍04'03	
morning max el	-1754 Oct 03 j 14:11	6°♍10'14	19°25'13
greatest brilliancy	-1754 Oct 13 j 00:16	18°♍22'37	-0.7m
	-1754 Oct 20 j 16:43	0°♎	
morning set	-1754 Oct 27 j 11:25	10°♎30'40	
desc. node	-1754 Nov 01 j 09:14	18°♎09'56	
	-1754 Nov 08 j 22:11	0°♏	
max. Earth dist.	-1754 Nov 10 j 00:06	1°♏42'24	1.44502 AU
superior conj	-1754 Nov 13 j 06:52	6°♏55'09	-1°-12'-5
minimum elong	-1754 Nov 12 j 23:12	6°♏24'37	1°11'17
	-1754 Nov 27 j 10:44	0°♐	
evening rise	-1754 Nov 27 j 17:20	0°♐27'28	
evening max el	-1754 Dec 16 j 22:25	29°♐41'45	18°26'43
	-1754 Dec 17 j 05:42	0°♑	
asc. node	-1754 Dec 18 j 11:16	1°♑07'10	
retrograde	-1754 Dec 23 j 12:08	3°♑18'33	
evening set	-1754 Dec 26 j 10:22	2°♑31'37	
	-1754 Dec 29 j 16:34	30°℞♐	
inferior conj	-1753 Jan 01 j 10:52	26°♐59'12	3°38'14
minimum elong	-1753 Jan 01 j 08:29	27°♐06'04	3°37'50
min. Earth dist.	-1753 Jan 03 j 14:14	24°♐31'17	0.64224 AU
morning rise	-1753 Jan 07 j 05:12	20°♐54'42	
direct	-1753 Jan 14 j 02:47	18°♐04'19	
morning max el	-1753 Jan 27 j 15:40	25°♐50'44	27°25'41
desc. node	-1753 Jan 28 j 08:29	26°♐33'15	
	-1753 Jan 31 j 12:22	0°♑	
	-1753 Feb 21 j 06:15	0°♒	
morning set	-1753 Mar 03 j 17:05	19°♒11'14	
max. Earth dist.	-1753 Mar 08 j 16:21	29°♒14'25	1.33590 AU
	-1753 Mar 09 j 01:07	0°♓	
superior conj	-1753 Mar 11 j 16:46	5°♓34'46	0°-48'-6
minimum elong	-1753 Mar 11 j 18:59	5°♓46'31	0°47'42
asc. node	-1753 Mar 16 j 10:39	15°♓42'45	
evening rise	-1753 Mar 18 j 23:18	21°♓03'43	
	-1753 Mar 23 j 08:45	0°♈	
evening max el	-1753 Apr 09 j 12:53	25°♈37'57	22°25'18
	-1753 Apr 15 j 07:02	0°♉	
retrograde	-1753 Apr 22 j 12:10	1°♉59'30	
evening set	-1753 Apr 25 j 11:49	1°♉39'56	
desc. node	-1753 Apr 26 j 07:37	1°♉27'57	
	-1753 Apr 30 j 04:14	30°℞♈	
min. Earth dist.	-1753 May 03 j 20:51	28°♈02'25	0.55300 AU
inferior conj	-1753 May 04 j 20:00	27°♈29'33	-2°-19'-11
minimum elong	-1753 May 04 j 14:06	27°♈37'57	2°17'21
morning rise	-1753 May 13 j 18:25	23°♈34'13	
direct	-1753 May 16 j 12:28	23°♈16'52	
morning max el	-1753 May 28 j 00:57	28°♈40'01	21°06'14
	-1753 May 29 j 09:33	0°♉	
asc. node	-1753 Jun 12 j 09:59	21°♉16'48	
morning set	-1753 Jun 16 j 16:47	29°♉50'55	
	-1753 Jun 16 j 18:33	0°♊	
superior conj	-1753 Jun 24 j 05:10	15°♊28'57	1°37'01
minimum elong	-1753 Jun 24 j 02:56	15°♊17'30	1°36'51
max. Earth dist.	-1753 Jun 28 j 09:40	23°♊58'10	1.35477 AU
	-1753 Jul 01 j 11:47	0°♋	
evening rise	-1753 Jul 02 j 18:18	2°♋25'07	
	-1753 Jul 18 j 23:49	0°♌	
desc. node	-1753 Jul 23 j 06:53	6°♌18'46	
evening max el	-1753 Aug 07 j 05:08	24°♌31'49	26°33'40
	-1753 Aug 14 j 04:52	0°♍	
retrograde	-1753 Aug 20 j 02:18	1°♍46'18	
	-1753 Aug 25 j 09:56	30°℞♌	
evening set	-1753 Aug 26 j 15:40	29°♌03'29	
min. Earth dist.	-1753 Aug 30 j 17:26	24°♌48'28	0.66016 AU
inferior conj	-1753 Sep 01 j 08:14	22°♌51'11	-2°-17'-28
minimum elong	-1753 Sep 01 j 11:32	22°♌41'14	2°16'15
morning rise	-1753 Sep 07 j 08:26	17°♌03'12	
asc. node	-1753 Sep 08 j 09:08	16°♌34'59	
direct	-1753 Sep 10 j 07:07	16°♌14'12	
morning max el	-1753 Sep 17 j 00:27	19°♌58'04	18°37'59
	-1753 Sep 24 j 17:20	0°♍	
morning set	-1753 Oct 07 j 11:06	20°♍06'24	
	-1753 Oct 13 j 15:50	0°♎	
desc. node	-1753 Oct 19 j 06:14	8°♎52'03	
superior conj	-1753 Oct 23 j 07:47	15°♎16'16	0°-26'-3
minimum elong	-1753 Oct 23 j 04:20	15°♎02'43	0°25'37
max. Earth dist.	-1753 Oct 23 j 17:53	15°♎56'03	1.44942 AU
	-1753 Nov 01 j 16:11	0°♏	
evening rise	-1753 Nov 08 j 09:42	10°♏40'19	
	-1753 Nov 20 j 15:10	0°♐	
evening max el	-1753 Nov 30 j 08:54	13°♐07'36	19°01'38
asc. node	-1753 Dec 05 j 08:19	16°♐42'53	
retrograde	-1753 Dec 07 j 06:41	17°♐03'36	
evening set	-1753 Dec 10 j 10:57	16°♐05'15	
inferior conj	-1753 Dec 16 j 04:53	10°♐16'05	3°08'58
minimum elong	-1753 Dec 16 j 01:57	10°♐25'15	3°08'13
min. Earth dist.	-1753 Dec 17 j 17:21	8°♐22'08	0.65593 AU
morning rise	-1753 Dec 21 j 16:01	4°♐05'32	
direct	-1753 Dec 28 j 03:51	1°♐16'54	
morning max el	-1752 Jan 10 j 01:11	8°♐49'45	26°35'33
desc. node	-1752 Jan 15 j 05:30	14°♐32'44	
	-1752 Jan 26 j 16:48	0°♑	
	-1752 Feb 13 j 16:09	0°♒	
morning set	-1752 Feb 15 j 00:24	2°♒31'23	
max. Earth dist.	-1752 Feb 19 j 07:01	10°♒48'55	1.34800 AU
superior conj	-1752 Feb 23 j 16:55	19°♒45'26	-1°-12'-47
minimum elong	-1752 Feb 23 j 20:05	20°♒01'45	1°12'19
	-1752 Feb 28 j 14:50	0°♓	
evening rise	-1752 Mar 02 j 08:14	5°♓40'27	
asc. node	-1752 Mar 02 j 07:40	5°♓37'34	
	-1752 Mar 15 j 22:14	0°♈	
evening max el	-1752 Mar 21 j 13:23	6°♈37'37	20°57'51
retrograde	-1752 Apr 02 j 01:14	12°♈09'08	
evening set	-1752 Apr 04 j 08:52	11°♈56'31	
desc. node	-1752 Apr 12 j 04:39	8°♈46'31	
inferior conj	-1752 Apr 13 j 14:34	7°♈58'44	0°-23'-59

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1752 Apr 13 j 13:26	8°♈00'21	0°23'36
min. Earth dist.	-1752 Apr 14 j 10:22	7°♈30'38	0.55110 AU
morning rise	-1752 Apr 22 j 17:07	3°♈51'19	
direct	-1752 Apr 25 j 23:45	3°♈28'03	
morning max el	-1752 May 08 j 23:35	9°♈43'26	22°39'53
	-1752 May 23 j 14:42	0°♉	
asc. node	-1752 May 29 j 07:01	10°♉56'50	
morning set	-1752 May 31 j 03:22	14°♉45'35	
superior conj	-1752 Jun 07 j 08:51	0°♊06'45	1°22'34
minimum elong	-1752 Jun 07 j 06:16	29°♉53'06	1°22'15
	-1752 Jun 07 j 07:34	0°♊	
max. Earth dist.	-1752 Jun 10 j 05:16	6°♊06'10	1.34163 AU
evening rise	-1752 Jun 15 j 05:12	16°♊12'55	
	-1752 Jun 22 j 14:30	0°♋	
desc. node	-1752 Jul 09 j 03:54	25°♋42'17	
	-1752 Jul 12 j 12:17	0°♌	
evening max el	-1752 Jul 19 j 16:51	7°♌55'57	27°13'20
retrograde	-1752 Aug 02 j 02:05	15°♌16'09	
evening set	-1752 Aug 09 j 02:06	12°♌30'36	
min. Earth dist.	-1752 Aug 12 j 20:55	8°♌53'11	0.64803 AU
inferior conj	-1752 Aug 15 j 00:57	6°♌28'52	-3°-7'-35
minimum elong	-1752 Aug 15 j 05:07	6°♌17'19	3°06'18
morning rise	-1752 Aug 21 j 09:40	0°♌55'57	
direct	-1752 Aug 24 j 02:14	0°♌17'37	
asc. node	-1752 Aug 25 j 06:12	0°♌24'51	
morning max el	-1752 Aug 30 j 14:36	3°♌47'36	18°07'33
	-1752 Sep 16 j 23:33	0°♍	
morning set	-1752 Sep 17 j 15:01	1°♍04'42	
superior conj	-1752 Oct 01 j 13:28	23°♍55'58	0°23'06
minimum elong	-1752 Oct 01 j 16:13	24°♍07'00	0°22'44
desc. node	-1752 Oct 05 j 03:15	29°♍37'32	
	-1752 Oct 05 j 08:55	0°♎	
max. Earth dist.	-1752 Oct 05 j 12:30	0°♎14'11	1.44646 AU
evening rise	-1752 Oct 18 j 03:26	19°♎57'50	
	-1752 Oct 24 j 15:38	0°♏	
greatest brilliancy	-1752 Nov 05 j 03:36	17°♏09'58	-0.6m
evening max el	-1752 Nov 12 j 15:10	26°♏34'35	19°52'35
	-1752 Nov 16 j 19:50	0°♐	
retrograde	-1752 Nov 20 j 03:45	0°♐58'19	
asc. node	-1752 Nov 21 j 05:22	0°♐51'46	
	-1752 Nov 23 j 07:36	30°℞♏	
evening set	-1752 Nov 23 j 15:57	29°♏46'24	
inferior conj	-1752 Nov 29 j 05:17	23°♏43'30	2°30'24
minimum elong	-1752 Nov 29 j 02:27	23°♏52'50	2°29'29
min. Earth dist.	-1752 Nov 30 j 04:17	22°♏27'23	0.66583 AU
morning rise	-1752 Dec 04 j 12:21	17°♏29'01	
direct	-1752 Dec 10 j 10:26	14°♏53'15	
morning max el	-1752 Dec 22 j 10:04	21°♏59'50	25°23'18
	-1752 Dec 29 j 10:39	0°♐	
desc. node	-1751 Jan 01 j 02:32	3°♐25'08	
	-1751 Jan 18 j 23:18	0°♑	
morning set	-1751 Jan 27 j 15:25	14°♑57'42	
max. Earth dist.	-1751 Jan 31 j 10:20	21°♑56'57	1.36447 AU
	-1751 Feb 04 j 14:53	0°♒	
superior conj	-1751 Feb 06 j 08:23	3°♒24'46	-1°-34'-32
minimum elong	-1751 Feb 06 j 11:56	3°♒42'22	1°34'10
evening rise	-1751 Feb 14 j 12:46	19°♒57'37	
asc. node	-1751 Feb 17 j 04:42	25°♒16'45	
	-1751 Feb 19 j 15:31	0°♓	
evening max el	-1751 Mar 04 j 00:32	18°♓12'00	19°46'02
retrograde	-1751 Mar 13 j 19:29	22°♓52'33	
evening set	-1751 Mar 16 j 00:22	22°♓39'24	
inferior conj	-1751 Mar 24 j 15:58	18°♓36'49	1°28'47
minimum elong	-1751 Mar 24 j 19:32	18°♓31'16	1°27'38

min. Earth dist.	-1751 Mar 27 j 00:31	17°♓08'57	0.55850 AU
desc. node	-1751 Mar 30 j 01:40	15°♓25'49	
morning rise	-1751 Apr 02 j 11:27	14°♓01'32	
direct	-1751 Apr 06 j 17:09	13°♓21'39	
morning max el	-1751 Apr 20 j 15:35	20°♓20'03	24°20'09
	-1751 Apr 28 j 20:51	0°♈	
morning set	-1751 May 15 j 15:24	29°♈46'05	
	-1751 May 15 j 18:03	0°♉	
asc. node	-1751 May 16 j 04:03	0°♉52'47	
superior conj	-1751 May 22 j 17:11	14°♉59'15	1°03'59
minimum elong	-1751 May 22 j 14:49	14°♉46'24	1°03'36
max. Earth dist.	-1751 May 24 j 09:49	18°♉38'09	1.33224 AU
	-1751 May 29 j 20:03	0°♊	
evening rise	-1751 May 30 j 02:24	0°♊32'14	
	-1751 Jun 15 j 14:39	0°♋	
desc. node	-1751 Jun 26 j 00:55	14°♋21'54	
evening max el	-1751 Jul 02 j 02:53	20°♋57'53	27°25'04
retrograde	-1751 Jul 15 j 19:59	28°♋18'47	
evening set	-1751 Jul 23 j 00:34	25°♋42'23	
min. Earth dist.	-1751 Jul 26 j 14:48	22°♋37'41	0.63218 AU
inferior conj	-1751 Jul 29 j 08:24	19°♋54'11	-3°-50'-51
minimum elong	-1751 Jul 29 j 12:38	19°♋43'36	3°49'55
morning rise	-1751 Aug 05 j 02:52	14°♋39'44	
direct	-1751 Aug 07 j 15:39	14°♋09'10	
asc. node	-1751 Aug 12 j 03:15	15°♋45'50	
morning max el	-1751 Aug 14 j 06:01	17°♋33'51	17°54'51
	-1751 Aug 23 j 04:00	0°♌	
morning set	-1751 Aug 30 j 19:23	13°♌13'24	
	-1751 Sep 09 j 12:20	0°♍	
superior conj	-1751 Sep 11 j 18:15	3°♍46'06	1°03'42
minimum elong	-1751 Sep 11 j 23:36	4°♍08'21	1°03'05
max. Earth dist.	-1751 Sep 18 j 04:29	14°♍17'33	1.43658 AU
desc. node	-1751 Sep 22 j 00:17	20°♍23'45	
evening rise	-1751 Sep 27 j 09:22	28°♍48'30	
	-1751 Sep 28 j 03:53	0°♎	
	-1751 Oct 18 j 11:41	0°♏	
greatest brilliancy	-1751 Oct 21 j 02:21	3°♏28'34	-0.5m
evening max el	-1751 Oct 26 j 15:50	10°♏01'42	20°57'11
retrograde	-1751 Nov 04 j 01:08	15°♏00'01	
evening set	-1751 Nov 07 j 23:19	13°♏32'22	
asc. node	-1751 Nov 08 j 02:24	13°♏26'29	
inferior conj	-1751 Nov 13 j 09:46	7°♏19'09	1°45'13
minimum elong	-1751 Nov 13 j 07:33	7°♏26'43	1°44'21
min. Earth dist.	-1751 Nov 13 j 20:54	6°♏41'01	0.67218 AU
morning rise	-1751 Nov 18 j 15:24	1°♏02'57	
	-1751 Nov 20 j 00:30	30°℞♎	
direct	-1751 Nov 23 j 22:08	28°♎46'34	
	-1751 Nov 28 j 05:10	0°♏	
morning max el	-1751 Dec 04 j 18:46	5°♏15'07	23°58'42
desc. node	-1751 Dec 18 j 23:35	22°♏55'24	
	-1751 Dec 23 j 21:17	0°♐	
morning set	-1750 Jan 09 j 08:08	26°♐14'13	
	-1750 Jan 11 j 12:14	0°♑	
max. Earth dist.	-1750 Jan 13 j 06:22	3°♑06'03	1.38431 AU
superior conj	-1750 Jan 20 j 11:33	16°♑23'01	-1°-50'-58
minimum elong	-1750 Jan 20 j 14:24	16°♑36'33	1°50'49
	-1750 Jan 27 j 11:58	0°♒	
evening rise	-1750 Jan 29 j 10:29	3°♒48'28	
asc. node	-1750 Feb 04 j 01:43	14°♒34'22	
	-1750 Feb 14 j 12:48	0°♓	
evening max el	-1750 Feb 14 j 22:02	0°♓22'39	18°53'25
retrograde	-1750 Feb 23 j 05:22	4°♓23'01	
evening set	-1750 Feb 25 j 13:19	4°♓05'21	
inferior conj	-1750 Mar 05 j 11:03	29°♒46'57	2°52'22

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1750 Mar 05 j 15:37	29°♒38'42	2°51'17
	-1750 Mar 05 j 03:49	30°℞♒	
min. Earth dist.	-1750 Mar 08 j 16:39	27°♒27'56	0.57355 AU
morning rise	-1750 Mar 13 j 13:52	24°♒39'51	
desc. node	-1750 Mar 16 j 22:43	23°♒39'30	
direct	-1750 Mar 18 j 23:45	23°♒29'19	
	-1750 Apr 01 j 07:17	0°♓	
morning max el	-1750 Apr 02 j 06:56	0°♓55'35	25°52'56
	-1750 Apr 22 j 16:15	0°♈	
morning set	-1750 Apr 30 j 03:08	14°♈45'47	
asc. node	-1750 May 03 j 01:05	20°♈58'46	
superior conj	-1750 May 07 j 04:07	29°♈58'42	0°42'17
minimum elong	-1750 May 07 j 02:22	29°♈49'07	0°41'57
	-1750 May 07 j 04:22	0°♉	
max. Earth dist.	-1750 May 07 j 20:22	1°♉27'27	1.32653 AU
evening rise	-1750 May 14 j 06:37	15°♉12'10	
	-1750 May 21 j 20:11	0°♊	
	-1750 Jun 11 j 01:28	0°♋	
desc. node	-1750 Jun 12 j 21:58	1°♋58'25	
evening max el	-1750 Jun 14 j 08:43	3°♋24'16	27°04'40
retrograde	-1750 Jun 28 j 07:12	10°♋43'39	
evening set	-1750 Jul 05 j 06:54	8°♋30'42	
min. Earth dist.	-1750 Jul 08 j 22:34	5°♋47'10	0.61321 AU
inferior conj	-1750 Jul 12 j 03:16	2°♋58'26	-4°-22'-15
minimum elong	-1750 Jul 12 j 06:14	2°♋51'53	4°21'55
	-1750 Jul 15 j 18:35	30°℞♊	
morning rise	-1750 Jul 19 j 08:28	28°♊05'11	
direct	-1750 Jul 21 j 19:38	27°♊40'08	
	-1750 Jul 27 j 12:50	0°♋	
morning max el	-1750 Jul 28 j 19:46	1°♋08'44	18°00'44
asc. node	-1750 Jul 30 j 00:19	2°♋23'02	
morning set	-1750 Aug 13 j 18:15	26°♋14'56	
	-1750 Aug 15 j 19:12	0°♌	
superior conj	-1750 Aug 24 j 02:32	14°♌57'30	1°30'49
minimum elong	-1750 Aug 24 j 06:50	15°♌16'22	1°30'29
max. Earth dist.	-1750 Aug 31 j 14:53	27°♌46'40	1.42110 AU
	-1750 Sep 01 j 23:11	0°♍	
evening rise	-1750 Sep 06 j 21:52	7°♍59'22	
desc. node	-1750 Sep 08 j 21:20	11°♍06'46	
	-1750 Sep 21 j 09:07	0°♎	
greatest brilliancy	-1750 Oct 04 j 16:50	18°♎08'10	-0.3m
evening max el	-1750 Oct 09 j 10:33	23°♎28'59	22°12'08
retrograde	-1750 Oct 18 j 20:59	29°♎05'41	
evening set	-1750 Oct 23 j 07:14	27°♎20'24	
asc. node	-1750 Oct 25 j 23:27	24°♎35'53	
inferior conj	-1750 Oct 28 j 16:19	21°♎00'39	0°55'19
minimum elong	-1750 Oct 28 j 15:04	21°♎04'59	0°54'45
min. Earth dist.	-1750 Oct 28 j 16:46	20°♎59'05	0.67520 AU
morning rise	-1750 Nov 02 j 22:44	14°♎45'19	
direct	-1750 Nov 07 j 14:17	12°♎50'56	
morning max el	-1750 Nov 17 j 05:41	18°♎34'34	22°31'34
greatest brilliancy	-1750 Nov 21 j 21:38	23°♎48'52	-0.3m
	-1750 Nov 26 j 17:26	0°♏	
desc. node	-1750 Dec 05 j 20:39	12°♏52'50	
	-1750 Dec 17 j 01:25	0°♐	
morning set	-1750 Dec 20 j 20:55	6°♐08'03	
max. Earth dist.	-1750 Dec 26 j 02:39	14°♐50'44	1.40531 AU
superior conj	-1749 Jan 02 j 21:45	28°♐28'48	-1°-58'-48
minimum elong	-1749 Jan 02 j 22:16	28°♐31'09	1°58'50
	-1749 Jan 03 j 17:55	0°♑	
evening rise	-1749 Jan 12 j 22:26	17°♑06'06	
	-1749 Jan 19 j 22:44	0°♒	
asc. node	-1749 Jan 21 j 22:45	3°♒23'28	
evening max el	-1749 Jan 29 j 03:33	13°♒03'44	18°20'50
retrograde	-1749 Feb 05 j 09:49	16°♒39'27	
evening set	-1749 Feb 07 j 21:47	16°♒15'01	
inferior conj	-1749 Feb 15 j 03:00	11°♒35'50	3°39'33
minimum elong	-1749 Feb 15 j 05:43	11°♒30'07	3°39'10
min. Earth dist.	-1749 Feb 18 j 12:50	8°♒45'09	0.59316 AU
morning rise	-1749 Feb 22 j 10:09	6°♒04'06	
direct	-1749 Feb 28 j 19:36	4°♒14'58	
desc. node	-1749 Mar 03 j 19:46	4°♒38'19	
morning max el	-1749 Mar 15 j 02:31	11°♒55'37	27°03'13
	-1749 Mar 29 j 06:23	0°♓	
morning set	-1749 Apr 14 j 12:56	29°♓38'30	
	-1749 Apr 14 j 17:04	0°♈	
asc. node	-1749 Apr 19 j 22:09	11°♈10'19	
superior conj	-1749 Apr 21 j 15:55	14°♈58'58	0°18'17
minimum elong	-1749 Apr 21 j 15:06	14°♈54'30	0°18'08
max. Earth dist.	-1749 Apr 21 j 09:22	14°♈23'04	1.32439 AU
evening rise	-1749 Apr 28 j 15:23	0°♉04'18	
	-1749 Apr 28 j 14:34	0°♉	
	-1749 May 15 j 03:24	0°♊	
evening max el	-1749 May 27 j 08:32	15°♊08'03	26°11'56
desc. node	-1749 May 30 j 18:58	18°♊05'37	
retrograde	-1749 Jun 10 j 10:10	22°♊23'31	
evening set	-1749 Jun 16 j 16:45	20°♊46'16	
min. Earth dist.	-1749 Jun 20 j 21:29	18°♊07'00	0.59272 AU
inferior conj	-1749 Jun 24 j 06:00	15°♊32'58	-4°-33'-48
minimum elong	-1749 Jun 24 j 05:54	15°♊33'10	4°33'47
morning rise	-1749 Jul 01 j 22:40	11°♊02'02	
direct	-1749 Jul 04 j 10:03	10°♊40'49	
morning max el	-1749 Jul 12 j 04:51	14°♊24'14	18°26'14
asc. node	-1749 Jul 16 j 21:25	20°♊01'23	
	-1749 Jul 22 j 23:24	0°♋	
morning set	-1749 Jul 28 j 06:38	9°♋56'34	
superior conj	-1749 Aug 06 j 10:30	27°♋19'31	1°44'51
minimum elong	-1749 Aug 06 j 12:27	27°♋28'30	1°44'48
	-1749 Aug 07 j 21:26	0°♌	
max. Earth dist.	-1749 Aug 13 j 19:45	10°♌32'52	1.40221 AU
evening rise	-1749 Aug 18 j 07:54	18°♌11'29	
	-1749 Aug 25 j 15:53	0°♍	
desc. node	-1749 Aug 26 j 18:21	1°♍42'52	
	-1749 Sep 15 j 20:11	0°♎	
evening max el	-1749 Sep 22 j 00:38	6°♎58'17	23°32'18
retrograde	-1749 Oct 02 j 13:49	13°♎12'07	
evening set	-1749 Oct 07 j 13:56	11°♎08'04	
inferior conj	-1749 Oct 12 j 23:09	4°♎45'40	0°02'15
minimum elong	-1749 Oct 12 j 23:06	4°♎45'51	0°02'13
transit middle	-1749 Oct 12 j 23:06	4°♎45'51	0°02'13
transit begin	-1749 Oct 12 j 20:25	4°♎55'02	
transit end	-1749 Oct 13 j 01:47	4°♎36'39	
min. Earth dist.	-1749 Oct 12 j 13:21	5°♎19'10	0.67514 AU
asc. node	-1749 Oct 12 j 20:33	4°♎54'34	
	-1749 Oct 16 j 18:25	30°℞♍	
morning rise	-1749 Oct 18 j 08:20	28°♍34'05	
direct	-1749 Oct 22 j 09:53	27°♍01'27	
	-1749 Oct 28 j 18:15	0°♎	
morning max el	-1749 Oct 30 j 22:05	2°♎00'57	21°09'57
greatest brilliancy	-1749 Nov 05 j 08:44	8°♎20'14	-0.5m
	-1749 Nov 20 j 15:33	0°♏	
desc. node	-1749 Nov 22 j 17:42	3°♏09'10	
morning set	-1749 Nov 30 j 06:11	14°♏44'54	
max. Earth dist.	-1749 Dec 08 j 05:33	27°♏30'37	1.42459 AU
	-1749 Dec 09 j 17:56	0°♐	
superior conj	-1749 Dec 15 j 09:22	9°♐28'06	-1°-53'-59
minimum elong	-1749 Dec 15 j 05:51	9°♐13'05	1°53'53
evening rise	-1749 Dec 26 j 20:50	29°♐41'51	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1749 Dec 27 j 00:52	0°♉	
asc. node	-1748 Jan 08 j 19:48	21°♉34'30	
evening max el	-1748 Jan 12 j 14:01	26°♉05'48	18°08'03
retrograde	-1748 Jan 19 j 06:20	29°♉32'02	
evening set	-1748 Jan 21 j 22:02	28°♉59'34	
inferior conj	-1748 Jan 28 j 13:44	23°♉58'26	3°55'49
minimum elong	-1748 Jan 28 j 13:58	23°♉57'54	3°55'47
min. Earth dist.	-1748 Jan 31 j 15:35	21°♉00'54	0.61384 AU
morning rise	-1748 Feb 04 j 03:23	18°♉10'08	
direct	-1748 Feb 11 j 01:45	15°♉46'53	
desc. node	-1748 Feb 18 j 16:50	18°♉17'54	
morning max el	-1748 Feb 25 j 04:10	23°♉33'49	27°40'32
	-1748 Mar 01 j 23:21	0°♒	
	-1748 Mar 21 j 10:45	0°♓	
morning set	-1748 Mar 28 j 18:49	14°♓16'36	
max. Earth dist.	-1748 Apr 03 j 21:05	27°♓11'14	1.32583 AU
superior conj	-1748 Apr 05 j 02:50	29°♓53'03	0°-7'-11
minimum elong	-1748 Apr 05 j 03:10	29°♓54'50	0°07'07
behind sun begin	-1748 Apr 04 j 22:36	29°♓29'56	
behind sun end	-1748 Apr 05 j 07:44	0°♈19'45	
	-1748 Apr 05 j 04:07	0°♈	
asc. node	-1748 Apr 05 j 19:12	1°♈22'18	
evening rise	-1748 Apr 12 j 02:33	15°♈00'21	
	-1748 Apr 19 j 15:38	0°♉	
evening max el	-1748 May 08 j 02:14	26°♉10'45	24°52'49
	-1748 May 12 j 17:48	0°♊	
desc. node	-1748 May 16 j 15:59	2°♊08'52	
retrograde	-1748 May 22 j 02:14	3°♊16'38	
evening set	-1748 May 27 j 03:58	2°♊17'58	
	-1748 May 31 j 16:39	30°℞♉	
min. Earth dist.	-1748 Jun 01 j 14:04	29°♉26'20	0.57328 AU
inferior conj	-1748 Jun 04 j 13:22	27°♉28'11	-4°-14'-25
minimum elong	-1748 Jun 04 j 09:05	27°♉35'21	4°13'49
morning rise	-1748 Jun 12 j 18:08	23°♉18'05	
direct	-1748 Jun 15 j 06:54	22°♉59'36	
morning max el	-1748 Jun 24 j 06:19	27°♉10'44	19°12'27
	-1748 Jun 26 j 21:55	0°♊	
asc. node	-1748 Jul 02 j 18:30	8°♊27'01	
morning set	-1748 Jul 11 j 04:40	24°♊08'28	
	-1748 Jul 14 j 03:19	0°♋	
superior conj	-1748 Jul 19 j 12:29	10°♋36'43	1°48'06
minimum elong	-1748 Jul 19 j 12:15	10°♋35'36	1°48'08
max. Earth dist.	-1748 Jul 25 j 22:29	22°♋41'50	1.38235 AU
evening rise	-1748 Jul 29 j 19:28	29°♋37'15	
	-1748 Jul 30 j 00:40	0°♌	
desc. node	-1748 Aug 12 j 15:21	22°♌07'45	
	-1748 Aug 18 j 00:01	0°♍	
evening max el	-1748 Sep 03 j 12:18	20°♍31'19	24°51'00
retrograde	-1748 Sep 15 j 02:36	27°♍16'09	
evening set	-1748 Sep 20 j 17:43	24°♍53'52	
min. Earth dist.	-1748 Sep 25 j 08:10	19°♍39'56	0.67199 AU
inferior conj	-1748 Sep 26 j 04:31	18°♍32'32	0°-52'-21
minimum elong	-1748 Sep 26 j 05:47	18°♍28'19	0°51'49
asc. node	-1748 Sep 28 j 17:37	15°♍19'04	
morning rise	-1748 Oct 01 j 18:15	12°♍27'50	
direct	-1748 Oct 05 j 07:39	11°♍14'46	
morning max el	-1748 Oct 12 j 21:59	15°♍37'23	19°59'27
greatest brilliancy	-1748 Oct 20 j 07:08	24°♍43'32	-0.6m
	-1748 Oct 24 j 00:06	0°♎	
morning set	-1748 Nov 08 j 03:17	22°♎54'35	
desc. node	-1748 Nov 08 j 14:44	23°♎38'55	
	-1748 Nov 12 j 16:44	0°♏	
max. Earth dist.	-1748 Nov 19 j 16:29	11°♏02'04	1.43940 AU
superior conj	-1748 Nov 24 j 18:04	19°♏11'52	-1°-32'-31
minimum elong	-1748 Nov 24 j 10:45	18°♏42'06	1°31'55
	-1748 Dec 01 j 07:08	0°♐	
evening rise	-1748 Dec 08 j 01:24	11°♐27'56	
	-1748 Dec 19 j 02:18	0°♑	
asc. node	-1748 Dec 25 j 16:51	8°♑56'19	
evening max el	-1748 Dec 26 j 02:32	9°♑21'24	18°14'30
retrograde	-1747 Jan 01 j 14:43	12°♑51'10	
evening set	-1747 Jan 04 j 10:20	12°♑09'46	
inferior conj	-1747 Jan 10 j 15:34	6°♑47'50	3°49'26
minimum elong	-1747 Jan 10 j 13:53	6°♑52'26	3°49'15
min. Earth dist.	-1747 Jan 13 j 03:31	4°♑05'00	0.63281 AU
morning rise	-1747 Jan 16 j 15:46	0°♑48'13	
	-1747 Jan 17 j 18:26	30°℞♐	
direct	-1747 Jan 23 j 16:05	28°♐03'42	
	-1747 Jan 30 j 02:16	0°♑	
desc. node	-1747 Feb 04 j 13:55	4°♑04'51	
morning max el	-1747 Feb 06 j 11:06	5°♑51'45	27°41'08
	-1747 Feb 24 j 19:54	0°♒	
morning set	-1747 Mar 12 j 18:28	28°♒32'29	
	-1747 Mar 13 j 11:53	0°♓	
max. Earth dist.	-1747 Mar 18 j 03:38	9°♓38'49	1.33109 AU
superior conj	-1747 Mar 20 j 11:10	14°♓35'16	0°-33'-15
minimum elong	-1747 Mar 20 j 12:43	14°♓43'35	0°32'57
asc. node	-1747 Mar 23 j 16:13	21°♓30'54	
evening rise	-1747 Mar 27 j 14:17	29°♓53'51	
	-1747 Mar 27 j 15:27	0°♈	
	-1747 Apr 13 j 17:53	0°♉	
evening max el	-1747 Apr 19 j 17:20	6°♉49'32	23°19'27
retrograde	-1747 May 03 j 05:41	13°♉32'58	
desc. node	-1747 May 03 j 13:01	13°♉32'45	
evening set	-1747 May 06 j 21:57	13°♉03'19	
min. Earth dist.	-1747 May 14 j 03:36	9°♉46'13	0.55829 AU
inferior conj	-1747 May 16 j 00:49	8°♉39'35	-3°-13'-27
minimum elong	-1747 May 15 j 18:07	8°♉49'29	3°11'43
morning rise	-1747 May 24 j 17:36	4°♉43'22	
direct	-1747 May 27 j 08:48	4°♉26'25	
morning max el	-1747 Jun 06 j 21:45	9°♉19'26	20°19'21
asc. node	-1747 Jun 19 j 15:33	27°♉28'16	
	-1747 Jun 20 j 23:52	0°♊	
morning set	-1747 Jun 25 j 09:20	8°♊42'03	
superior conj	-1747 Jul 03 j 03:23	24°♊34'09	1°42'58
minimum elong	-1747 Jul 03 j 01:40	24°♊25'31	1°42'54
	-1747 Jul 05 j 20:36	0°♋	
max. Earth dist.	-1747 Jul 08 j 04:08	4°♋30'53	1.36392 AU
evening rise	-1747 Jul 12 j 05:20	12°♋08'38	
	-1747 Jul 22 j 13:21	0°♌	
desc. node	-1747 Jul 30 j 12:21	12°♌15'21	
	-1747 Aug 13 j 02:09	0°♍	
evening max el	-1747 Aug 16 j 23:26	4°♍05'37	26°00'42
retrograde	-1747 Aug 29 j 10:45	11°♍12'22	
evening set	-1747 Sep 04 j 16:38	8°♍35'01	
min. Earth dist.	-1747 Sep 08 j 22:46	3°♍58'24	0.66552 AU
inferior conj	-1747 Sep 10 j 06:35	2°♍18'26	-1°-46'-53
minimum elong	-1747 Sep 10 j 09:11	2°♍10'15	1°45'50
	-1747 Sep 12 j 03:55	30°℞♌	
asc. node	-1747 Sep 15 j 14:42	26°♌42'48	
morning rise	-1747 Sep 16 j 02:34	26°♌23'41	
direct	-1747 Sep 19 j 05:55	25°♌27'00	
morning max el	-1747 Sep 26 j 05:00	29°♌22'13	19°03'12
	-1747 Sep 26 j 19:29	0°♍	
	-1747 Oct 17 j 09:24	0°♎	
morning set	-1747 Oct 18 j 12:22	1°♎46'00	
desc. node	-1747 Oct 26 j 11:44	14°♎17'20	
max. Earth dist.	-1747 Nov 02 j 08:44	25°♎05'50	1.44784 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1747 Nov 04 j 02:24	27°♎50'14	0°-53'-46
minimum elong	-1747 Nov 03 j 19:51	27°♎24'23	0°53'00
	-1747 Nov 05 j 11:13	0°♏	
evening rise	-1747 Nov 19 j 07:46	22°♏15'55	
	-1747 Nov 24 j 01:25	0°♐	
evening max el	-1747 Dec 09 j 14:20	22°♐44'05	18°39'25
asc. node	-1747 Dec 12 j 13:53	25°♐14'52	
retrograde	-1747 Dec 16 j 06:40	26°♐28'13	
evening set	-1747 Dec 19 j 07:15	25°♐36'36	
inferior conj	-1747 Dec 25 j 04:39	19°♐56'24	3°27'08
minimum elong	-1747 Dec 25 j 01:57	20°♐04'31	3°26'35
min. Earth dist.	-1747 Dec 27 j 01:28	17°♐42'18	0.64853 AU
morning rise	-1747 Dec 30 j 19:29	13°♐48'52	
direct	-1746 Jan 06 j 13:23	10°♐57'55	
morning max el	-1746 Jan 19 j 20:39	18°♐40'03	27°07'40
desc. node	-1746 Jan 22 j 10:58	21°♐24'00	
	-1746 Jan 29 j 11:57	0°♑	
	-1746 Feb 17 j 18:13	0°♒	
morning set	-1746 Feb 24 j 08:54	12°♒16'48	
max. Earth dist.	-1746 Mar 01 j 01:07	21°♒34'52	1.34050 AU
superior conj	-1746 Mar 04 j 14:58	28°♒59'32	0°-58'-49
minimum elong	-1746 Mar 04 j 17:38	29°♒13'31	0°58'23
	-1746 Mar 05 j 02:28	0°♓	
asc. node	-1746 Mar 10 j 13:14	11°♓32'08	
evening rise	-1746 Mar 12 j 00:48	14°♓38'40	
	-1746 Mar 19 j 21:07	0°♈	
evening max el	-1746 Apr 01 j 12:39	17°♈34'18	21°46'32
retrograde	-1746 Apr 13 j 22:31	23°♈36'33	
evening set	-1746 Apr 16 j 13:19	23°♈21'12	
desc. node	-1746 Apr 20 j 10:04	22°♈08'05	
inferior conj	-1746 Apr 25 j 22:11	19°♈17'48	-1°-32'-15
minimum elong	-1746 Apr 25 j 17:56	19°♈23'45	1°30'49
min. Earth dist.	-1746 Apr 25 j 16:57	19°♈25'09	0.55095 AU
morning rise	-1746 May 04 j 23:32	15°♈19'56	
direct	-1746 May 07 j 21:24	15°♈01'13	
morning max el	-1746 May 20 j 02:22	20°♈46'46	21°44'44
	-1746 May 27 j 18:53	0°♉	
asc. node	-1746 Jun 06 j 12:35	16°♉56'24	
morning set	-1746 Jun 09 j 18:20	23°♉30'59	
	-1746 Jun 12 j 20:37	0°♊	
superior conj	-1746 Jun 17 j 03:19	9°♊00'30	1°31'29
minimum elong	-1746 Jun 17 j 00:53	8°♊47'43	1°31'15
max. Earth dist.	-1746 Jun 20 j 17:48	16°♊25'54	1.34862 AU
evening rise	-1746 Jun 25 j 08:31	25°♊32'46	
	-1746 Jun 27 j 17:00	0°♋	
	-1746 Jul 15 j 23:45	0°♌	
desc. node	-1746 Jul 17 j 09:21	1°♌58'01	
evening max el	-1746 Jul 30 j 10:58	17°♌35'49	26°53'29
retrograde	-1746 Aug 12 j 13:58	24°♌54'21	
evening set	-1746 Aug 19 j 08:27	22°♌08'45	
min. Earth dist.	-1746 Aug 23 j 06:56	18°♌10'14	0.65546 AU
inferior conj	-1746 Aug 25 j 03:24	16°♌00'25	-2°-39'-19
minimum elong	-1746 Aug 25 j 07:07	15°♌49'31	2°38'02
morning rise	-1746 Aug 31 j 07:05	10°♌18'42	
asc. node	-1746 Sep 02 j 11:45	9°♌36'57	
direct	-1746 Sep 03 j 02:47	9°♌34'46	
morning max el	-1746 Sep 09 j 17:18	13°♌11'47	18°22'57
	-1746 Sep 21 j 15:49	0°♍	
morning set	-1746 Sep 29 j 00:05	11°♍57'04	
	-1746 Oct 10 j 04:46	0°♎	
desc. node	-1746 Oct 13 j 08:44	5°♎01'14	
superior conj	-1746 Oct 14 j 02:32	6°♎11'34	0°-4'-48
minimum elong	-1746 Oct 14 j 01:54	6°♎09'02	0°04'44
behind sun begin	-1746 Oct 13 j 15:06	5°♎26'22	
behind sun end	-1746 Oct 14 j 12:42	6°♎51'42	
max. Earth dist.	-1746 Oct 16 j 02:59	9°♎22'32	1.44905 AU
	-1746 Oct 29 j 06:27	0°♏	
evening rise	-1746 Oct 30 j 13:54	2°♏03'22	
greatest brilliancy	-1746 Nov 13 j 12:22	23°♏40'50	-0.7m
	-1746 Nov 17 j 21:50	0°♐	
evening max el	-1746 Nov 22 j 23:11	6°♐10'15	19°21'25
asc. node	-1746 Nov 29 j 10:56	10°♐15'05	
retrograde	-1746 Nov 30 j 02:41	10°♐17'31	
evening set	-1746 Dec 03 j 09:58	9°♐13'50	
inferior conj	-1746 Dec 09 j 01:43	3°♐18'23	2°53'35
minimum elong	-1746 Dec 08 j 22:46	3°♐27'52	2°52'43
min. Earth dist.	-1746 Dec 10 j 08:18	1°♐40'05	0.66058 AU
	-1746 Dec 11 j 16:36	30°℞♏	
morning rise	-1746 Dec 14 j 10:45	27°♏05'35	
direct	-1746 Dec 20 j 16:59	24°♏21'13	
	-1746 Dec 31 j 10:15	0°♐	
morning max el	-1745 Jan 02 j 06:09	1°♐45'25	26°06'53
desc. node	-1745 Jan 09 j 08:00	9°♐48'13	
	-1745 Jan 23 j 14:31	0°♑	
morning set	-1745 Feb 07 j 09:59	25°♑16'06	
	-1745 Feb 09 j 22:16	0°♒	
max. Earth dist.	-1745 Feb 11 j 10:40	2°♒55'15	1.35444 AU
superior conj	-1745 Feb 16 j 11:48	12°♒57'43	-1°-22'-31
minimum elong	-1745 Feb 16 j 15:13	13°♒15'06	1°22'04
evening rise	-1745 Feb 24 j 08:08	29°♒07'34	
	-1745 Feb 24 j 18:23	0°♓	
asc. node	-1745 Feb 25 j 10:15	1°♓20'45	
evening max el	-1745 Mar 14 j 17:34	28°♓47'56	20°25'09
	-1745 Mar 16 j 01:39	0°♈	
retrograde	-1745 Mar 25 j 12:21	3°♈57'12	
evening set	-1745 Mar 27 j 17:18	3°♈45'10	
	-1745 Apr 05 j 09:25	30°℞♓	
inferior conj	-1745 Apr 05 j 18:00	29°♓47'25	0°26'06
minimum elong	-1745 Apr 05 j 19:11	29°♓45'41	0°25'42
desc. node	-1745 Apr 07 j 07:07	28°♓53'04	
min. Earth dist.	-1745 Apr 07 j 07:01	28°♓53'13	0.55309 AU
morning rise	-1745 Apr 14 j 18:55	25°♓29'03	
direct	-1745 Apr 18 j 10:01	25°♓00'21	
	-1745 Apr 30 j 02:11	0°♈	
morning max el	-1745 May 01 j 21:41	1°♈36'40	23°22'29
	-1745 May 21 j 01:44	0°♉	
asc. node	-1745 May 24 j 09:36	6°♉43'30	
morning set	-1745 May 25 j 05:43	8°♉28'18	
superior conj	-1745 Jun 01 j 09:16	23°♉45'17	1°15'08
minimum elong	-1745 Jun 01 j 06:43	23°♉31'37	1°14'47
max. Earth dist.	-1745 Jun 03 j 17:10	28°♉42'31	1.33713 AU
	-1745 Jun 04 j 07:54	0°♊	
evening rise	-1745 Jun 09 j 00:15	9°♊35'07	
	-1745 Jun 20 j 02:42	0°♋	
desc. node	-1745 Jul 04 j 06:23	21°♋04'27	
	-1745 Jul 12 j 01:05	0°♌	
evening max el	-1745 Jul 12 j 22:09	0°♌51'28	27°22'06
retrograde	-1745 Jul 26 j 11:33	8°♌13'10	
evening set	-1745 Aug 02 j 14:15	5°♌29'54	
min. Earth dist.	-1745 Aug 06 j 06:39	2°♌07'10	0.64165 AU
	-1745 Aug 08 j 06:32	30°℞♋	
inferior conj	-1745 Aug 08 j 16:31	29°♋33'17	-3°-27'-2
minimum elong	-1745 Aug 08 j 20:50	29°♋21'46	3°25'52
morning rise	-1745 Aug 15 j 05:14	24°♋07'46	
direct	-1745 Aug 17 j 19:47	23°♋33'12	
asc. node	-1745 Aug 20 j 08:49	24°♋06'17	
morning max el	-1745 Aug 24 j 08:19	27°♋00'17	17°59'56
	-1745 Aug 26 j 23:09	0°♌	
morning set	-1745 Sep 10 j 15:07	23°♌27'03	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1745 Sep 14 j 11:30	0°♍	
superior conj	-1745 Sep 23 j 16:40	15°♍17'26	0°41'48
minimum elong	-1745 Sep 23 j 21:05	15°♍35'22	0°41'14
max. Earth dist.	-1745 Sep 28 j 20:19	23°♍34'35	1.44300 AU
desc. node	-1745 Sep 30 j 05:47	25°♍47'28	
	-1745 Oct 02 j 21:50	0°♎	
evening rise	-1745 Oct 10 j 00:40	11°♎04'20	
	-1745 Oct 22 j 11:35	0°♏	
greatest brilliancy	-1745 Oct 30 j 14:55	11°♏41'19	-0.6m
evening max el	-1745 Nov 06 j 03:15	19°♏37'58	20°18'36
retrograde	-1745 Nov 14 j 00:06	24°♏15'44	
asc. node	-1745 Nov 16 j 07:58	23°♏44'34	
evening set	-1745 Nov 17 j 16:13	22°♏57'35	
inferior conj	-1745 Nov 23 j 04:09	16°♏50'06	2°11'58
minimum elong	-1745 Nov 23 j 01:32	16°♏58'53	2°11'01
min. Earth dist.	-1745 Nov 23 j 22:02	15°♏49'56	0.66897 AU
morning rise	-1745 Nov 28 j 10:18	10°♏34'30	
direct	-1745 Dec 04 j 02:03	8°♏06'05	
morning max el	-1745 Dec 15 j 14:37	14°♏57'57	24°48'09
desc. node	-1745 Dec 27 j 05:03	28°♏58'42	
	-1745 Dec 27 j 23:01	0°♐	
	-1744 Jan 16 j 11:50	0°♑	
morning set	-1744 Jan 20 j 16:21	7°♑15'15	
max. Earth dist.	-1744 Jan 24 j 09:41	13°♑57'52	1.37261 AU
superior conj	-1744 Jan 30 j 22:36	26°♑21'28	-1°-42'-20
minimum elong	-1744 Jan 31 j 02:01	26°♑38'07	1°42'03
	-1744 Feb 01 j 19:06	0°♒	
evening rise	-1744 Feb 08 j 10:07	13°♒14'29	
asc. node	-1744 Feb 12 j 07:18	20°♒51'37	
	-1744 Feb 17 j 09:13	0°♓	
evening max el	-1744 Feb 25 j 09:29	10°♓38'50	19°21'14
retrograde	-1744 Mar 05 j 11:56	14°♓59'54	
evening set	-1744 Mar 07 j 17:56	14°♓45'09	
inferior conj	-1744 Mar 16 j 02:04	10°♓37'07	2°08'40
minimum elong	-1744 Mar 16 j 06:32	10°♓29'44	2°07'21
min. Earth dist.	-1744 Mar 18 j 21:58	8°♓45'36	0.56420 AU
desc. node	-1744 Mar 24 j 04:09	5°♓58'20	
morning rise	-1744 Mar 24 j 15:17	5°♓48'01	
direct	-1744 Mar 29 j 09:16	4°♓56'22	
morning max el	-1744 Apr 12 j 12:29	12°♓08'31	25°01'19
	-1744 Apr 26 j 05:57	0°♈	
morning set	-1744 May 08 j 17:48	23°♈28'35	
asc. node	-1744 May 10 j 06:39	26°♈43'55	
	-1744 May 11 j 19:07	0°♉	
superior conj	-1744 May 15 j 18:57	8°♉41'03	0°55'06
minimum elong	-1744 May 15 j 16:47	8°♉29'19	0°54'44
max. Earth dist.	-1744 May 17 j 00:40	11°♉22'24	1.32942 AU
evening rise	-1744 May 23 j 00:48	24°♉04'10	
	-1744 May 25 j 23:49	0°♊	
	-1744 Jun 12 j 19:31	0°♋	
desc. node	-1744 Jun 20 j 03:25	9°♋19'29	
evening max el	-1744 Jun 24 j 06:56	13°♋39'53	27°20'32
retrograde	-1744 Jul 08 j 02:40	20°♋59'48	
evening set	-1744 Jul 15 j 06:22	18°♋32'04	
min. Earth dist.	-1744 Jul 18 j 20:22	15°♋37'48	0.62439 AU
inferior conj	-1744 Jul 21 j 19:02	12°♋50'19	-4°-6'-5
minimum elong	-1744 Jul 21 j 22:55	12°♋41'03	4°05'24
morning rise	-1744 Jul 28 j 17:55	7°♋44'15	
direct	-1744 Jul 31 j 05:46	7°♋16'13	
asc. node	-1744 Aug 06 j 05:53	10°♋00'50	
morning max el	-1744 Aug 06 j 23:18	10°♋41'35	17°55'00
	-1744 Aug 19 j 19:31	0°♌	
morning set	-1744 Aug 23 j 04:03	5°♌59'45	
superior conj	-1744 Sep 03 j 09:09	25°♌41'24	1°16'55
minimum elong	-1744 Sep 03 j 14:22	26°♌03'35	1°16'23
	-1744 Sep 05 j 22:24	0°♍	
max. Earth dist.	-1744 Sep 10 j 10:15	7°♍25'18	1.43056 AU
desc. node	-1744 Sep 16 j 02:49	16°♍32'22	
evening rise	-1744 Sep 18 j 07:01	19°♍57'10	
	-1744 Sep 24 j 19:57	0°♎	
greatest brilliancy	-1744 Oct 14 j 00:21	27°♎16'22	-0.4m
	-1744 Oct 16 j 06:09	0°♏	
evening max el	-1744 Oct 19 j 01:29	3°♏05'25	21°28'09
retrograde	-1744 Oct 27 j 20:55	8°♏19'17	
evening set	-1744 Nov 01 j 00:02	6°♏44'20	
asc. node	-1744 Nov 02 j 05:03	5°♏40'17	
inferior conj	-1744 Nov 06 j 09:44	0°♏28'08	1°24'32
minimum elong	-1744 Nov 06 j 07:54	0°♏34'29	1°23'46
min. Earth dist.	-1744 Nov 06 j 16:15	0°♏05'43	0.67389 AU
	-1744 Nov 06 j 17:55	30°℞♎	
morning rise	-1744 Nov 11 j 15:28	24°♎12'11	
direct	-1744 Nov 16 j 15:47	22°♎04'55	
morning max el	-1744 Nov 26 j 23:41	28°♎14'02	23°21'27
	-1744 Nov 28 j 15:59	0°♏	
greatest brilliancy	-1744 Dec 02 j 09:31	4°♏20'06	-0.2m
desc. node	-1744 Dec 13 j 02:07	18°♏41'34	
	-1744 Dec 20 j 16:57	0°♐	
morning set	-1744 Dec 31 j 21:41	17°♐57'11	
max. Earth dist.	-1743 Jan 05 j 05:05	25°♐19'17	1.39336 AU
	-1743 Jan 07 j 20:47	0°♑	
superior conj	-1743 Jan 12 j 19:13	8°♑59'12	-1°-55'-34
minimum elong	-1743 Jan 12 j 21:18	9°♑08'55	1°55'31
evening rise	-1743 Jan 22 j 04:05	26°♑52'03	
	-1743 Jan 23 j 19:10	0°♒	
asc. node	-1743 Jan 29 j 04:20	9°♒57'57	
evening max el	-1743 Feb 07 j 10:44	23°♒03'12	18°37'01
retrograde	-1743 Feb 15 j 05:46	26°♒50'56	
evening set	-1743 Feb 17 j 15:37	26°♒30'26	
inferior conj	-1743 Feb 25 j 05:58	22°♒03'12	3°16'39
minimum elong	-1743 Feb 25 j 09:57	21°♒55'31	3°15'52
min. Earth dist.	-1743 Feb 28 j 15:09	19°♒28'08	0.58165 AU
morning rise	-1743 Mar 05 j 00:28	16°♒44'52	
direct	-1743 Mar 10 j 21:32	15°♒18'21	
desc. node	-1743 Mar 11 j 01:13	15°♒18'25	
morning max el	-1743 Mar 25 j 05:03	22°♒51'00	26°26'22
	-1743 Mar 31 j 13:57	0°♓	
	-1743 Apr 19 j 01:24	0°♈	
morning set	-1743 Apr 23 j 04:58	8°♈26'02	
asc. node	-1743 Apr 27 j 03:43	16°♈52'42	
superior conj	-1743 Apr 30 j 06:27	23°♈41'20	0°32'20
minimum elong	-1743 Apr 30 j 05:04	23°♈33'45	0°32'03
max. Earth dist.	-1743 Apr 30 j 12:57	24°♈16'55	1.32524 AU
	-1743 May 03 j 03:47	0°♉	
evening rise	-1743 May 07 j 07:16	8°♉50'20	
	-1743 May 18 j 09:33	0°♊	
evening max el	-1743 Jun 06 j 10:33	25°♊49'14	26°46'00
desc. node	-1743 Jun 07 j 00:26	26°♊21'49	
	-1743 Jun 11 j 13:40	0°♋	
retrograde	-1743 Jun 20 j 10:17	3°♋06'26	
evening set	-1743 Jun 27 j 04:28	1°♋07'35	
	-1743 Jun 28 j 22:57	30°℞♊	
min. Earth dist.	-1743 Jun 30 j 23:59	28°♊28'15	0.60456 AU
inferior conj	-1743 Jul 04 j 07:32	25°♊43'23	-4°-30'-14
minimum elong	-1743 Jul 04 j 09:25	25°♊39'28	4°30'05
morning rise	-1743 Jul 11 j 17:30	20°♊59'29	
direct	-1743 Jul 14 j 04:44	20°♊36'04	
morning max el	-1743 Jul 21 j 11:25	24°♊09'14	18°09'10
asc. node	-1743 Jul 24 j 02:58	27°♊05'54	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1743 Jul 26 j 06:18	0°♋	
morning set	-1743 Aug 06 j 09:15	19°♋20'09	
	-1743 Aug 12 j 02:27	0°♌	
superior conj	-1743 Aug 16 j 04:13	7°♌24'57	1°38'16
minimum elong	-1743 Aug 16 j 07:34	7°♌39'57	1°38'04
max. Earth dist.	-1743 Aug 23 j 18:49	20°♌39'20	1.41333 AU
evening rise	-1743 Aug 29 j 03:31	29°♌30'49	
	-1743 Aug 29 j 10:45	0°♍	
desc. node	-1743 Sep 02 j 23:50	7°♍12'56	
	-1743 Sep 18 j 09:49	0°♎	
greatest brilliancy	-1743 Sep 26 j 19:48	11°♎02'08	-0.3m
evening max el	-1743 Oct 01 j 18:01	16°♎33'16	22°45'55
retrograde	-1743 Oct 11 j 15:34	22°♎25'52	
evening set	-1743 Oct 16 j 07:39	20°♎32'23	
asc. node	-1743 Oct 20 j 02:07	16°♎22'10	
inferior conj	-1743 Oct 21 j 16:37	14°♎11'03	0°33'04
minimum elong	-1743 Oct 21 j 15:51	14°♎13'42	0°32'44
min. Earth dist.	-1743 Oct 21 j 12:37	14°♎24'51	0.67558 AU
morning rise	-1743 Oct 27 j 00:00	7°♎57'14	
direct	-1743 Oct 31 j 09:24	6°♎12'25	
morning max el	-1743 Nov 09 j 12:42	11°♎36'19	21°55'52
greatest brilliancy	-1743 Nov 14 j 08:03	17°♎03'15	-0.4m
	-1743 Nov 23 j 22:44	0°♏	
desc. node	-1743 Nov 29 j 23:11	8°♏47'42	
morning set	-1743 Dec 11 j 22:00	27°♏15'17	
	-1743 Dec 13 j 14:58	0°♐	
max. Earth dist.	-1743 Dec 18 j 04:16	7°♐28'43	1.41395 AU
superior conj	-1743 Dec 25 j 20:29	20°♐38'02	-1°-58'-33
minimum elong	-1743 Dec 25 j 19:27	20°♐33'30	1°58'36
	-1743 Dec 31 j 01:53	0°♑	
evening rise	-1742 Jan 05 j 10:46	9°♑53'02	
asc. node	-1742 Jan 16 j 01:22	28°♑32'02	
	-1742 Jan 17 j 00:45	0°♒	
evening max el	-1742 Jan 21 j 18:39	5°♒53'44	18°12'53
retrograde	-1742 Jan 28 j 17:47	9°♒24'02	
evening set	-1742 Jan 31 j 07:17	8°♒56'19	
inferior conj	-1742 Feb 07 j 06:21	4°♒07'27	3°49'42
minimum elong	-1742 Feb 07 j 07:58	4°♒03'48	3°49'34
min. Earth dist.	-1742 Feb 10 j 13:42	1°♒11'00	0.60202 AU
	-1742 Feb 12 j 00:34	30°℞♑	
morning rise	-1742 Feb 14 j 05:35	28°♑27'34	
direct	-1742 Feb 20 j 21:43	26°♑23'06	
desc. node	-1742 Feb 25 j 22:17	27°♑28'35	
	-1742 Mar 02 j 07:39	0°♒	
morning max el	-1742 Mar 07 j 03:23	4°♒07'04	27°23'36
	-1742 Mar 26 j 05:18	0°♓	
morning set	-1742 Apr 07 j 13:22	23°♓13'38	
	-1742 Apr 10 j 18:24	0°♈	
max. Earth dist.	-1742 Apr 14 j 02:00	7°♈11'41	1.32455 AU
asc. node	-1742 Apr 14 j 00:45	7°♈04'50	
superior conj	-1742 Apr 14 j 18:03	8°♈39'34	0°07'37
minimum elong	-1742 Apr 14 j 17:43	8°♈37'40	0°07'33
behind sun begin	-1742 Apr 14 j 13:16	8°♈13'21	
behind sun end	-1742 Apr 14 j 22:09	9°♈02'00	
evening rise	-1742 Apr 21 j 17:16	23°♈44'52	
	-1742 Apr 24 j 18:02	0°♉	
	-1742 May 12 j 20:27	0°♊	
evening max el	-1742 May 19 j 07:20	7°♊13'34	25°40'50
desc. node	-1742 May 24 j 21:27	11°♊41'00	
retrograde	-1742 Jun 02 j 08:54	14°♊26'30	
evening set	-1742 Jun 08 j 04:40	13°♊05'41	
min. Earth dist.	-1742 Jun 12 j 19:33	10°♊23'18	0.58411 AU
inferior conj	-1742 Jun 16 j 02:18	8°♊01'51	-4°-30'-5
minimum elong	-1742 Jun 16 j 00:27	8°♊05'12	4°29'58
morning rise	-1742 Jun 24 j 00:06	3°♊40'39	
direct	-1742 Jun 26 j 12:01	3°♊20'44	
morning max el	-1742 Jul 04 j 17:40	7°♊13'49	18°43'25
asc. node	-1742 Jul 11 j 00:02	15°♊05'45	
	-1742 Jul 19 j 09:45	0°♋	
morning set	-1742 Jul 21 j 02:08	3°♋15'30	
superior conj	-1742 Jul 29 j 20:34	20°♋12'33	1°47'25
minimum elong	-1742 Jul 29 j 21:31	20°♋17'03	1°47'24
	-1742 Aug 04 j 04:00	0°♌	
max. Earth dist.	-1742 Aug 05 j 22:04	3°♌07'30	1.39367 AU
evening rise	-1742 Aug 10 j 00:25	10°♌13'39	
desc. node	-1742 Aug 20 j 20:50	27°♌44'38	
	-1742 Aug 22 j 08:22	0°♍	
	-1742 Sep 14 j 05:21	0°♎	
evening max el	-1742 Sep 14 j 06:33	0°♎02'58	24°06'21
retrograde	-1742 Sep 25 j 06:53	6°♎31'38	
evening set	-1742 Sep 30 j 13:20	4°♎19'24	
	-1742 Oct 04 j 10:17	30°℞♍	
inferior conj	-1742 Oct 05 j 23:00	27°♍56'44	0°-20'-50
minimum elong	-1742 Oct 05 j 23:31	27°♍55'02	0°20'38
min. Earth dist.	-1742 Oct 05 j 08:43	28°♍45'06	0.67415 AU
asc. node	-1742 Oct 06 j 23:11	26°♍35'35	
morning rise	-1742 Oct 11 j 09:55	21°♍47'47	
direct	-1742 Oct 15 j 05:57	20°♍24'03	
morning max el	-1742 Oct 23 j 08:17	25°♍07'08	20°38'25
	-1742 Oct 27 j 14:37	0°♎	
greatest brilliancy	-1742 Oct 29 j 11:21	2°♎23'37	-0.5m
desc. node	-1742 Nov 16 j 20:14	29°♎10'13	
	-1742 Nov 17 j 09:13	0°♏	
morning set	-1742 Nov 20 j 23:21	5°♏32'29	
max. Earth dist.	-1742 Nov 30 j 10:25	20°♏31'01	1.43148 AU
	-1742 Dec 06 j 05:14	0°♐	
superior conj	-1742 Dec 06 j 20:55	1°♐05'24	-1°-47'-5
minimum elong	-1742 Dec 06 j 15:32	0°♐42'54	1°46'47
evening rise	-1742 Dec 19 j 02:10	22°♐09'02	
	-1742 Dec 23 j 13:08	0°♑	
asc. node	-1741 Jan 02 j 22:25	16°♑24'03	
evening max el	-1741 Jan 05 j 06:19	19°♑02'41	18°08'29
retrograde	-1741 Jan 11 j 19:59	22°♑29'18	
evening set	-1741 Jan 14 j 13:08	21°♑53'20	
inferior conj	-1741 Jan 21 j 00:03	16°♑43'17	3°55'26
minimum elong	-1741 Jan 20 j 23:22	16°♑45'03	3°55'23
min. Earth dist.	-1741 Jan 23 j 20:28	13°♑49'26	0.62216 AU
morning rise	-1741 Jan 27 j 07:25	10°♑49'22	
direct	-1741 Feb 03 j 07:43	8°♑15'03	
desc. node	-1741 Feb 12 j 19:21	12°♑07'19	
morning max el	-1741 Feb 17 j 07:45	16°♑04'09	27°45'14
	-1741 Feb 28 j 19:25	0°♒	
	-1741 Mar 18 j 19:05	0°♓	
morning set	-1741 Mar 22 j 16:57	7°♓44'14	
max. Earth dist.	-1741 Mar 28 j 11:58	19°♓53'05	1.32754 AU
superior conj	-1741 Mar 30 j 04:07	23°♓30'05	0°-18'-12
minimum elong	-1741 Mar 30 j 04:58	23°♓34'40	0°18'03
asc. node	-1741 Mar 31 j 21:46	27°♓16'23	
	-1741 Apr 02 j 03:52	0°♈	
evening rise	-1741 Apr 06 j 04:55	8°♈41'03	
	-1741 Apr 17 j 08:31	0°♉	
evening max el	-1741 Apr 30 j 23:08	18°♉03'08	24°13'57
desc. node	-1741 May 11 j 18:27	24°♉40'39	
retrograde	-1741 May 14 j 20:16	25°♉02'19	
evening set	-1741 May 19 j 07:23	24°♉17'49	
min. Earth dist.	-1741 May 25 j 10:40	21°♉16'30	0.56614 AU
inferior conj	-1741 May 28 j 00:59	19°♉38'37	-3°-54'00
minimum elong	-1741 May 27 j 19:14	19°♉47'43	3°52'54

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1741 Jun 05 j 11:00	15°♉35'46	
direct	-1741 Jun 08 j 00:20	15°♉18'19	
morning max el	-1741 Jun 17 j 15:12	19°♉45'53	19°38'24
	-1741 Jun 25 j 14:48	0°♊	
asc. node	-1741 Jun 27 j 21:06	3°♊47'47	
morning set	-1741 Jul 05 j 03:16	17°♊37'12	
	-1741 Jul 11 j 06:39	0°♋	
superior conj	-1741 Jul 13 j 04:36	3°♋48'30	1°46'48
minimum elong	-1741 Jul 13 j 03:39	3°♋43'48	1°46'49
max. Earth dist.	-1741 Jul 19 j 00:45	15°♋02'28	1.37421 AU
evening rise	-1741 Jul 22 j 22:04	22°♋08'56	
	-1741 Jul 27 j 10:10	0°♌	
desc. node	-1741 Aug 07 j 17:49	18°♌02'39	
	-1741 Aug 16 j 04:38	0°♍	
evening max el	-1741 Aug 27 j 17:42	13°♍36'27	25°22'17
retrograde	-1741 Sep 08 j 17:55	20°♍32'32	
evening set	-1741 Sep 14 j 15:17	18°♍03'22	
min. Earth dist.	-1741 Sep 19 j 02:07	13°♍04'50	0.66959 AU
inferior conj	-1741 Sep 20 j 03:12	11°♍43'22	-1°-15'-38
minimum elong	-1741 Sep 20 j 05:03	11°♍37'21	1°14'52
asc. node	-1741 Sep 23 j 20:16	7°♍19'18	
morning rise	-1741 Sep 25 j 19:23	5°♍42'16	
direct	-1741 Sep 29 j 04:08	4°♍36'40	
morning max el	-1741 Oct 06 j 11:18	8°♍46'56	19°33'34
greatest brilliancy	-1741 Oct 15 j 05:17	19°♍57'21	-0.7m
	-1741 Oct 21 j 22:56	0°♎	
morning set	-1741 Oct 30 j 22:36	13°♎51'16	
desc. node	-1741 Nov 03 j 17:14	19°♎43'46	
	-1741 Nov 10 j 06:33	0°♏	
max. Earth dist.	-1741 Nov 12 j 23:21	4°♏16'02	1.44376 AU
superior conj	-1741 Nov 16 j 18:12	10°♏17'55	-1°-18'00
minimum elong	-1741 Nov 16 j 10:25	9°♏46'48	1°17'12
	-1741 Nov 28 j 19:21	0°♐	
evening rise	-1741 Nov 30 j 21:41	3°♐30'30	
	-1741 Dec 17 j 16:38	0°♑	
evening max el	-1741 Dec 19 j 18:52	2°♑22'02	18°23'01
asc. node	-1741 Dec 20 j 19:28	3°♑20'50	
retrograde	-1741 Dec 26 j 07:54	5°♑56'35	
evening set	-1741 Dec 29 j 05:26	5°♑11'06	
inferior conj	-1740 Jan 04 j 07:05	29°♐41'25	3°41'36
minimum elong	-1740 Jan 04 j 04:52	29°♐47'44	3°41'16
	-1740 Jan 04 j 00:32	30°℞♐	
min. Earth dist.	-1740 Jan 06 j 12:43	27°♐09'16	0.63991 AU
morning rise	-1740 Jan 10 j 02:49	23°♐38'11	
direct	-1740 Jan 17 j 01:24	20°♐48'46	
morning max el	-1740 Jan 30 j 15:56	28°♐35'49	27°30'42
desc. node	-1740 Jan 30 j 16:25	28°♐37'03	
	-1740 Feb 01 j 00:48	0°♑	
	-1740 Feb 22 j 14:19	0°♒	
morning set	-1740 Mar 05 j 13:05	21°♒48'03	
	-1740 Mar 09 j 14:21	0°♓	
max. Earth dist.	-1740 Mar 10 j 14:51	2°♓07'14	1.33454 AU
superior conj	-1740 Mar 13 j 10:48	8°♓05'47	0°-44'-13
minimum elong	-1740 Mar 13 j 12:51	8°♓16'40	0°43'51
asc. node	-1740 Mar 17 j 18:47	17°♓22'31	
evening rise	-1740 Mar 20 j 16:20	23°♓31'35	
	-1740 Mar 23 j 19:52	0°♈	
evening max el	-1740 Apr 11 j 15:22	28°♈41'37	22°39'07
	-1740 Apr 13 j 01:43	0°♉	
retrograde	-1740 Apr 24 j 18:29	5°♉09'08	
evening set	-1740 Apr 27 j 22:02	4°♉47'26	
desc. node	-1740 Apr 27 j 15:29	4°♉50'59	
min. Earth dist.	-1740 May 06 j 00:10	1°♉15'41	0.55414 AU
inferior conj	-1740 May 07 j 05:19	0°♉34'02	-2°-34'-38
minimum elong	-1740 May 06 j 23:01	0°♉43'02	2°32'44
	-1740 May 08 j 05:13	30°℞♈	
morning rise	-1740 May 16 j 02:24	26°♈38'54	
direct	-1740 May 18 j 19:35	26°♈21'45	
	-1740 May 28 j 04:31	0°♉	
morning max el	-1740 May 30 j 01:57	1°♉36'52	20°53'33
asc. node	-1740 Jun 13 j 18:08	23°♉01'28	
	-1740 Jun 17 j 06:58	0°♊	
morning set	-1740 Jun 18 j 10:02	2°♊18'04	
superior conj	-1740 Jun 25 j 23:45	17°♊59'20	1°38'45
minimum elong	-1740 Jun 25 j 21:39	17°♊48'31	1°38'38
max. Earth dist.	-1740 Jun 30 j 09:25	26°♊51'30	1.35704 AU
	-1740 Jul 02 j 00:00	0°♋	
evening rise	-1740 Jul 04 j 15:59	5°♋04'55	
	-1740 Jul 19 j 05:52	0°♌	
desc. node	-1740 Jul 24 j 14:47	8°♌00'42	
evening max el	-1740 Aug 09 j 05:13	27°♌10'59	26°25'47
	-1740 Aug 12 j 08:51	0°♍	
retrograde	-1740 Aug 21 j 23:58	4°♍23'30	
evening set	-1740 Aug 28 j 11:29	1°♍41'59	
	-1740 Aug 30 j 06:33	30°℞♌	
min. Earth dist.	-1740 Sep 01 j 14:23	27°♌21'19	0.66166 AU
inferior conj	-1740 Sep 03 j 03:19	25°♌28'31	-2°-9'-31
minimum elong	-1740 Sep 03 j 06:26	25°♌18'59	2°08'20
morning rise	-1740 Sep 09 j 02:22	19°♌38'38	
asc. node	-1740 Sep 09 j 17:19	19°♌19'41	
direct	-1740 Sep 12 j 02:14	18°♌47'41	
morning max el	-1740 Sep 18 j 20:47	22°♌34'06	18°44'01
	-1740 Sep 24 j 19:29	0°♍	
morning set	-1740 Oct 09 j 18:17	23°♍15'06	
	-1740 Oct 14 j 00:08	0°♎	
desc. node	-1740 Oct 20 j 14:14	10°♎24'58	
superior conj	-1740 Oct 25 j 20:23	18°♎41'35	0°-33'-32
minimum elong	-1740 Oct 25 j 16:00	18°♎24'19	0°32'59
max. Earth dist.	-1740 Oct 25 j 16:59	18°♎28'12	1.44927 AU
	-1740 Nov 02 j 00:28	0°♏	
evening rise	-1740 Nov 10 j 17:42	13°♏52'22	
	-1740 Nov 20 j 20:09	0°♐	
evening max el	-1740 Dec 02 j 05:46	15°♐47'00	18°55'21
asc. node	-1740 Dec 06 j 16:30	19°♐08'06	
retrograde	-1740 Dec 09 j 01:51	19°♐39'32	
evening set	-1740 Dec 12 j 05:09	18°♐42'55	
inferior conj	-1740 Dec 17 j 23:54	12°♐55'56	3°14'04
minimum elong	-1740 Dec 17 j 21:01	13°♐04'53	3°13'21
min. Earth dist.	-1740 Dec 19 j 14:28	10°♐56'42	0.65415 AU
morning rise	-1740 Dec 23 j 11:54	6°♐46'11	
direct	-1740 Dec 30 j 01:28	3°♐56'38	
morning max el	-1739 Jan 12 j 01:29	11°♐31'58	26°44'39
desc. node	-1739 Jan 16 j 13:29	16°♐26'27	
	-1739 Jan 26 j 20:28	0°♑	
	-1739 Feb 14 j 03:12	0°♒	
morning set	-1739 Feb 16 j 22:22	5°♒14'27	
max. Earth dist.	-1739 Feb 21 j 07:23	13°♒47'13	1.34593 AU
superior conj	-1739 Feb 25 j 11:58	22°♒19'53	-1°-9'-13
minimum elong	-1739 Feb 25 j 15:01	22°♒35'41	1°08'44
	-1739 Mar 01 j 03:59	0°♓	
asc. node	-1739 Mar 04 j 15:49	7°♓19'01	
evening rise	-1739 Mar 05 j 01:44	8°♓10'26	
	-1739 Mar 16 j 21:27	0°♈	
evening max el	-1739 Mar 24 j 14:23	9°♈36'40	21°09'59
retrograde	-1739 Apr 05 j 08:06	15°♈16'20	
evening set	-1739 Apr 07 j 17:12	15°♈03'13	
desc. node	-1739 Apr 14 j 12:33	12°♈26'54	
inferior conj	-1739 Apr 17 j 00:09	11°♈04'31	0°-42'-7

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1739 Apr 16 j 22:10	11°♈07'19	0°41'25
min. Earth dist.	-1739 Apr 17 j 13:30	10°♈45'41	0.55077 AU
morning rise	-1739 Apr 26 j 02:45	7°♈00'17	
direct	-1739 Apr 29 j 06:48	6°♈38'31	
morning max el	-1739 May 12 j 02:02	12°♈46'07	22°25'18
	-1739 May 24 j 22:06	0°♉	
asc. node	-1739 May 31 j 15:09	12°♉38'33	
morning set	-1739 Jun 02 j 20:17	17°♉11'29	
	-1739 Jun 08 j 21:24	0°♊	
superior conj	-1739 Jun 10 j 02:33	2°♊34'25	1°25'03
minimum elong	-1739 Jun 09 j 23:59	2°♊20'53	1°24'46
max. Earth dist.	-1739 Jun 13 j 03:34	8°♊56'12	1.34332 AU
evening rise	-1739 Jun 18 j 01:01	18°♊46'50	
	-1739 Jun 24 j 00:35	0°♋	
desc. node	-1739 Jul 11 j 11:49	27°♋29'36	
	-1739 Jul 13 j 09:21	0°♌	
evening max el	-1739 Jul 22 j 16:57	10°♌37'02	27°09'02
retrograde	-1739 Aug 05 j 00:36	17°♌56'51	
evening set	-1739 Aug 11 j 23:25	15°♌10'53	
min. Earth dist.	-1739 Aug 15 j 19:06	11°♌28'13	0.65008 AU
inferior conj	-1739 Aug 17 j 21:11	9°♌07'27	-3°00'-19
minimum elong	-1739 Aug 18 j 01:15	8°♌56'00	2°59'03
morning rise	-1739 Aug 24 j 04:34	3°♌32'14	
direct	-1739 Aug 26 j 21:53	2°♌52'32	
asc. node	-1739 Aug 27 j 14:23	2°♌55'04	
morning max el	-1739 Sep 02 j 10:34	6°♌23'57	18°11'02
	-1739 Sep 18 j 08:01	0°♍	
morning set	-1739 Sep 20 j 18:07	4°♍01'41	
superior conj	-1739 Oct 04 j 23:58	27°♍14'42	0°15'59
minimum elong	-1739 Oct 05 j 01:56	27°♍22'33	0°15'43
behind sun begin	-1739 Oct 04 j 23:09	27°♍11'28	
behind sun end	-1739 Oct 05 j 04:43	27°♍33'38	
	-1739 Oct 06 j 17:32	0°♎	
desc. node	-1739 Oct 07 j 11:15	1°♎10'09	
max. Earth dist.	-1739 Oct 08 j 11:51	2°♎47'29	1.44737 AU
evening rise	-1739 Oct 21 j 14:27	23°♎17'16	
	-1739 Oct 25 j 22:25	0°♏	
greatest brilliancy	-1739 Nov 07 j 15:07	19°♏10'27	-0.6m
evening max el	-1739 Nov 15 j 12:45	29°♏13'47	19°44'01
	-1739 Nov 16 j 07:16	0°♐	
retrograde	-1739 Nov 22 j 22:47	3°♐33'04	
asc. node	-1739 Nov 23 j 13:34	3°♐30'53	
evening set	-1739 Nov 26 j 09:39	2°♐23'19	
	-1739 Nov 29 j 01:11	30°℞♏	
inferior conj	-1739 Dec 01 j 23:32	26°♏22'07	2°36'45
minimum elong	-1739 Dec 01 j 20:40	26°♏31'33	2°35'50
min. Earth dist.	-1739 Dec 03 j 00:26	25°♏00'19	0.66459 AU
morning rise	-1739 Dec 07 j 07:02	20°♏07'57	
direct	-1739 Dec 13 j 07:14	17°♏29'50	
morning max el	-1739 Dec 25 j 10:39	24°♏41'26	25°35'05
	-1739 Dec 30 j 06:21	0°♐	
desc. node	-1738 Jan 03 j 10:33	5°♐12'02	
	-1738 Jan 20 j 07:26	0°♑	
morning set	-1738 Jan 30 j 16:14	17°♑50'02	
max. Earth dist.	-1738 Feb 03 j 12:22	24°♑58'19	1.36172 AU
	-1738 Feb 06 j 03:08	0°♒	
superior conj	-1738 Feb 09 j 04:58	6°♒04'30	-1°-31'-33
minimum elong	-1738 Feb 09 j 08:30	6°♒22'13	1°31'08
evening rise	-1738 Feb 17 j 07:06	22°♒31'06	
asc. node	-1738 Feb 19 j 12:52	27°♒01'05	
	-1738 Feb 21 j 01:20	0°♓	
evening max el	-1738 Mar 06 j 23:57	21°♓05'49	19°55'38
retrograde	-1738 Mar 17 j 01:05	25°♓53'47	
evening set	-1738 Mar 19 j 05:41	25°♓41'05	

inferior conj	-1738 Mar 27 j 23:49	21°♓40'06	1°13'09
minimum elong	-1738 Mar 28 j 02:52	21°♓35'25	1°12'07
min. Earth dist.	-1738 Mar 30 j 03:40	20°♓20'51	0.55678 AU
desc. node	-1738 Apr 01 j 09:37	19°♓03'39	
morning rise	-1738 Apr 05 j 21:03	17°♓09'27	
direct	-1738 Apr 09 j 22:37	16°♓33'00	
morning max el	-1738 Apr 23 j 18:52	23°♓26'14	24°05'19
	-1738 Apr 29 j 16:01	0°♈	
	-1738 May 17 j 06:57	0°♉	
morning set	-1738 May 18 j 08:14	2°♉11'54	
asc. node	-1738 May 18 j 12:12	2°♉32'43	
superior conj	-1738 May 25 j 10:24	17°♉25'40	1°07'03
minimum elong	-1738 May 25 j 07:57	17°♉12'32	1°06'40
max. Earth dist.	-1738 May 27 j 06:56	21°♉24'54	1.33339 AU
	-1738 May 31 j 09:05	0°♊	
evening rise	-1738 Jun 01 j 20:57	3°♊02'30	
	-1738 Jun 16 j 19:55	0°♋	
desc. node	-1738 Jun 28 j 08:51	16°♋16'59	
evening max el	-1738 Jul 05 j 03:17	23°♋42'42	27°25'13
	-1738 Jul 13 j 23:16	0°♌	
retrograde	-1738 Jul 18 j 19:31	1°♌04'05	
	-1738 Jul 23 j 09:20	30°℞♋	
evening set	-1738 Jul 25 j 23:55	28°♋25'20	
min. Earth dist.	-1738 Jul 29 j 14:31	25°♋16'18	0.63478 AU
inferior conj	-1738 Aug 01 j 06:12	22°♋34'49	-3°-44'-58
minimum elong	-1738 Aug 01 j 10:30	22°♋23'53	3°43'57
morning rise	-1738 Aug 07 j 23:10	17°♋17'31	
direct	-1738 Aug 10 j 12:18	16°♋46'02	
asc. node	-1738 Aug 14 j 11:26	18°♋02'51	
morning max el	-1738 Aug 17 j 02:00	20°♋11'03	17°55'34
	-1738 Aug 24 j 09:38	0°♌	
morning set	-1738 Sep 02 j 19:10	16°♌00'26	
	-1738 Sep 10 j 22:06	0°♍	
superior conj	-1738 Sep 15 j 00:42	6°♍52'31	0°58'22
minimum elong	-1738 Sep 15 j 05:56	7°♍14'10	0°57'45
max. Earth dist.	-1738 Sep 21 j 04:05	16°♍52'47	1.43843 AU
desc. node	-1738 Sep 24 j 08:16	21°♍56'16	
	-1738 Sep 29 j 11:46	0°♎	
evening rise	-1738 Sep 30 j 21:01	2°♎08'40	
	-1738 Oct 19 j 13:15	0°♏	
greatest brilliancy	-1738 Oct 23 j 19:36	5°♏48'53	-0.5m
evening max el	-1738 Oct 29 j 14:17	12°♏40'46	20°46'51
retrograde	-1738 Nov 06 j 20:18	17°♏33'50	
asc. node	-1738 Nov 10 j 10:38	16°♏19'48	
evening set	-1738 Nov 10 j 16:48	16°♏08'46	
inferior conj	-1738 Nov 16 j 03:34	9°♏56'50	1°52'25
minimum elong	-1738 Nov 16 j 01:15	10°♏04'47	1°51'32
min. Earth dist.	-1738 Nov 16 j 16:25	9°♏13'00	0.67144 AU
morning rise	-1738 Nov 21 j 09:15	3°♏40'37	
direct	-1738 Nov 26 j 18:18	1°♏21'00	
morning max el	-1738 Dec 07 j 19:15	7°♏56'10	24°11'39
desc. node	-1738 Dec 21 j 07:37	24°♏37'31	
	-1738 Dec 25 j 02:11	0°♐	
morning set	-1737 Jan 12 j 12:43	29°♐18'13	
	-1737 Jan 12 j 22:21	0°♑	
max. Earth dist.	-1737 Jan 16 j 08:49	6°♑03'55	1.38118 AU
superior conj	-1737 Jan 23 j 10:15	19°♑09'37	-1°-48'-57
minimum elong	-1737 Jan 23 j 13:18	19°♑24'13	1°48'47
	-1737 Jan 28 j 23:49	0°♒	
evening rise	-1737 Feb 01 j 06:02	6°♒26'17	
asc. node	-1737 Feb 06 j 09:56	16°♒22'27	
	-1737 Feb 14 j 23:03	0°♓	
evening max el	-1737 Feb 17 j 20:04	3°♓11'25	19°00'02
retrograde	-1737 Feb 26 j 08:07	7°♓16'42	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1737 Feb 28 j 15:26	6°♓59'55	
inferior conj	-1737 Mar 08 j 15:51	2°♓44'30	2°42'04
minimum elong	-1737 Mar 08 j 20:30	2°♓36'18	2°40'53
min. Earth dist.	-1737 Mar 11 j 19:34	0°♓31'58	0.57091 AU
	-1737 Mar 12 j 14:54	30°℞♒	
morning rise	-1737 Mar 16 j 21:30	27°♒41'48	
desc. node	-1737 Mar 19 j 06:42	26°♒56'07	
direct	-1737 Mar 22 j 03:19	26°♒36'26	
	-1737 Mar 31 j 14:17	0°♓	
morning max el	-1737 Apr 05 j 09:53	3°♓59'51	25°40'12
	-1737 Apr 24 j 01:08	0°♈	
morning set	-1737 May 02 j 20:09	17°♈11'57	
asc. node	-1737 May 05 j 09:16	22°♈37'29	
	-1737 May 08 j 18:38	0°♉	
superior conj	-1737 May 09 j 21:05	2°♉24'33	0°45'46
minimum elong	-1737 May 09 j 19:13	2°♉14'20	0°45'24
max. Earth dist.	-1737 May 10 j 16:43	4°♉11'40	1.32714 AU
evening rise	-1737 May 17 j 00:19	17°♉39'59	
	-1737 May 23 j 06:26	0°♊	
	-1737 Jun 11 j 15:25	0°♋	
desc. node	-1737 Jun 15 j 05:52	4°♋04'33	
evening max el	-1737 Jun 17 j 09:57	6°♋15'18	27°09'48
retrograde	-1737 Jul 01 j 07:56	13°♋35'02	
evening set	-1737 Jul 08 j 08:58	11°♋17'50	
min. Earth dist.	-1737 Jul 11 j 23:53	8°♋31'57	0.61620 AU
inferior conj	-1737 Jul 15 j 03:11	5°♋42'54	-4°-18'-39
minimum elong	-1737 Jul 15 j 06:27	5°♋35'32	4°18'12
morning rise	-1737 Jul 22 j 06:45	0°♋46'13	
direct	-1737 Jul 24 j 17:58	0°♋20'31	
morning max el	-1737 Jul 31 j 16:11	3°♋48'05	17°58'34
asc. node	-1737 Aug 01 j 08:30	4°♋29'30	
morning set	-1737 Aug 16 j 15:38	28°♋55'05	
	-1737 Aug 17 j 05:51	0°♌	
superior conj	-1737 Aug 27 j 04:59	17°♌52'02	1°27'37
minimum elong	-1737 Aug 27 j 09:35	18°♌12'02	1°27'12
	-1737 Sep 03 j 08:37	0°♍	
max. Earth dist.	-1737 Sep 03 j 15:13	0°♍27'13	1.42369 AU
evening rise	-1737 Sep 10 j 07:22	11°♍13'35	
desc. node	-1737 Sep 11 j 05:17	12°♍39'58	
	-1737 Sep 22 j 14:34	0°♎	
greatest brilliancy	-1737 Oct 07 j 15:30	20°♎44'13	-0.4m
evening max el	-1737 Oct 12 j 09:54	26°♎08'22	22°00'34
	-1737 Oct 16 j 22:57	0°♏	
retrograde	-1737 Oct 21 j 16:25	1°♏39'11	
	-1737 Oct 25 j 23:04	30°℞♎	
evening set	-1737 Oct 26 j 00:44	29°♎56'43	
asc. node	-1737 Oct 28 j 07:41	27°♎40'41	
inferior conj	-1737 Oct 31 j 09:57	23°♎37'50	1°03'06
minimum elong	-1737 Oct 31 j 08:32	23°♎42'44	1°02'30
min. Earth dist.	-1737 Oct 31 j 11:59	23°♎30'48	0.67495 AU
morning rise	-1737 Nov 05 j 16:06	17°♎22'11	
direct	-1737 Nov 10 j 09:54	15°♎24'22	
morning max el	-1737 Nov 20 j 05:31	21°♎14'40	22°44'21
greatest brilliancy	-1737 Nov 24 j 22:20	26°♎30'58	-0.3m
	-1737 Nov 27 j 17:03	0°♏	
desc. node	-1737 Dec 08 j 04:40	14°♏31'36	
	-1737 Dec 18 j 09:20	0°♐	
morning set	-1737 Dec 24 j 05:52	9°♐24'51	
max. Earth dist.	-1737 Dec 29 j 04:33	17°♐41'37	1.40225 AU
	-1736 Jan 05 j 04:42	0°♑	
superior conj	-1736 Jan 05 j 23:21	1°♑24'27	-1°-58'-20
minimum elong	-1736 Jan 06 j 00:21	1°♑28'58	1°58'22
evening rise	-1736 Jan 15 j 19:40	19°♑49'25	
	-1736 Jan 21 j 06:29	0°♒	
asc. node	-1736 Jan 24 j 06:59	5°♒16'29	
evening max el	-1736 Feb 01 j 00:35	15°♒48'34	18°24'22
retrograde	-1736 Feb 08 j 09:41	19°♒26'43	
evening set	-1736 Feb 10 j 21:11	19°♒03'18	
inferior conj	-1736 Feb 18 j 04:41	14°♒27'21	3°34'31
minimum elong	-1736 Feb 18 j 07:46	14°♒21'01	3°34'04
min. Earth dist.	-1736 Feb 21 j 14:50	11°♒39'53	0.59014 AU
morning rise	-1736 Feb 25 j 14:45	8°♒58'52	
direct	-1736 Mar 02 j 21:24	7°♒15'28	
desc. node	-1736 Mar 05 j 03:46	7°♒28'39	
morning max el	-1736 Mar 17 j 04:29	14°♒54'14	26°54'41
	-1736 Mar 29 j 08:37	0°♓	
	-1736 Apr 15 j 06:04	0°♈	
morning set	-1736 Apr 16 j 06:19	2°♈05'41	
asc. node	-1736 Apr 21 j 06:19	12°♈48'10	
superior conj	-1736 Apr 23 j 08:49	17°♈24'39	0°22'04
minimum elong	-1736 Apr 23 j 07:51	17°♈19'20	0°21'51
max. Earth dist.	-1736 Apr 23 j 05:34	17°♈06'51	1.32448 AU
	-1736 Apr 29 j 03:59	0°♉	
evening rise	-1736 Apr 30 j 08:31	2°♉30'32	
	-1736 May 15 j 06:24	0°♊	
evening max el	-1736 May 29 j 10:51	18°♊05'55	26°21'44
desc. node	-1736 Jun 01 j 02:54	20°♊27'18	
retrograde	-1736 Jun 12 j 12:07	25°♊21'44	
evening set	-1736 Jun 18 j 22:04	23°♊38'48	
min. Earth dist.	-1736 Jun 22 j 23:58	21°♊00'03	0.59577 AU
inferior conj	-1736 Jun 26 j 08:33	18°♊22'37	-4°-33'-51
minimum elong	-1736 Jun 26 j 09:01	18°♊21'41	4°33'50
morning rise	-1736 Jul 03 j 23:27	13°♊48'12	
direct	-1736 Jul 06 j 10:45	13°♊26'27	
morning max el	-1736 Jul 14 j 02:06	17°♊06'54	18°21'08
asc. node	-1736 Jul 18 j 05:35	21°♊59'32	
	-1736 Jul 23 j 07:23	0°♋	
morning set	-1736 Jul 30 j 02:19	12°♋31'49	
superior conj	-1736 Aug 08 j 09:47	0°♌04'38	1°43'29
minimum elong	-1736 Aug 08 j 12:05	0°♌15'15	1°43'24
	-1736 Aug 08 j 08:46	0°♌	
max. Earth dist.	-1736 Aug 15 j 21:08	13°♌21'31	1.40516 AU
evening rise	-1736 Aug 20 j 13:41	21°♌15'24	
	-1736 Aug 25 j 23:46	0°♍	
desc. node	-1736 Aug 28 j 02:15	3°♍17'25	
	-1736 Sep 15 j 18:04	0°♎	
evening max el	-1736 Sep 24 j 00:35	9°♎37'29	23°20'17
retrograde	-1736 Oct 04 j 09:41	15°♎45'43	
evening set	-1736 Oct 09 j 07:41	13°♎44'27	
asc. node	-1736 Oct 14 j 04:45	8°♎03'37	
inferior conj	-1736 Oct 14 j 16:48	7°♎22'16	0°10'24
minimum elong	-1736 Oct 14 j 16:33	7°♎23'08	0°10'18
transit middle	-1736 Oct 14 j 16:33	7°♎23'08	0°10'18
transit begin	-1736 Oct 14 j 14:27	7°♎30'20	
transit end	-1736 Oct 14 j 18:39	7°♎15'55	
min. Earth dist.	-1736 Oct 14 j 08:31	7°♎50'41	0.67538 AU
morning rise	-1736 Oct 20 j 01:28	1°♎10'06	
	-1736 Oct 22 j 00:57	30°℞♍	
direct	-1736 Oct 24 j 05:03	29°♍34'17	
	-1736 Oct 26 j 11:46	0°♎	
morning max el	-1736 Nov 01 j 20:54	4°♎39'44	21°21'30
greatest brilliancy	-1736 Nov 07 j 02:40	10°♎42'14	-0.4m
	-1736 Nov 20 j 21:27	0°♏	
desc. node	-1736 Nov 24 j 01:40	4°♏45'21	
morning set	-1736 Dec 02 j 18:36	18°♏10'51	
	-1736 Dec 10 j 03:04	0°♐	
max. Earth dist.	-1736 Dec 10 j 06:29	0°♐14'02	1.42199 AU
superior conj	-1736 Dec 17 j 14:37	12°♐34'18	-1°-55'-43

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1736 Dec 17 j 11:46	12°♐22'04	1°55'39
	-1736 Dec 27 j 10:47	0°♑	
evening rise	-1736 Dec 28 j 20:17	2°♑31'51	
asc. node	-1735 Jan 10 j 04:01	23°♑33'54	
evening max el	-1735 Jan 14 j 10:28	28°♑47'56	18°08'40
	-1735 Jan 15 j 18:24	0°♒	
retrograde	-1735 Jan 21 j 04:10	2°♒14'43	
evening set	-1735 Jan 23 j 19:20	1°♒43'28	
	-1735 Jan 26 j 19:17	30°℞♑	
inferior conj	-1735 Jan 30 j 12:50	26°♑45'22	3°54'57
minimum elong	-1735 Jan 30 j 13:24	26°♑44'00	3°54'54
min. Earth dist.	-1735 Feb 02 j 16:17	23°♑47'29	0.61084 AU
morning rise	-1735 Feb 06 j 04:51	20°♑59'07	
direct	-1735 Feb 13 j 01:59	18°♑40'27	
desc. node	-1735 Feb 20 j 00:50	20°♑45'56	
morning max el	-1735 Feb 27 j 05:15	26°♑26'27	27°37'21
	-1735 Mar 02 j 13:54	0°♒	
	-1735 Mar 22 j 20:20	0°♓	
morning set	-1735 Mar 31 j 12:54	16°♓46'29	
max. Earth dist.	-1735 Apr 06 j 17:48	29°♓57'27	1.32537 AU
	-1735 Apr 06 j 18:16	0°♈	
superior conj	-1735 Apr 07 j 19:57	2°♈20'02	0°-3'-16
minimum elong	-1735 Apr 07 j 20:06	2°♈20'51	0°03'15
behind sun begin	-1735 Apr 07 j 15:08	1°♈53'42	
behind sun end	-1735 Apr 08 j 01:04	2°♈48'00	
asc. node	-1735 Apr 08 j 03:22	3°♈00'30	
evening rise	-1735 Apr 14 j 19:26	17°♈26'36	
	-1735 Apr 21 j 01:16	0°♉	
evening max el	-1735 May 11 j 05:17	29°♉14'06	25°05'53
	-1735 May 12 j 00:55	0°♊	
desc. node	-1735 May 18 j 23:55	4°♊52'08	
retrograde	-1735 May 25 j 05:49	6°♊22'02	
evening set	-1735 May 30 j 12:35	5°♊17'47	
min. Earth dist.	-1735 Jun 04 j 17:09	2°♊29'06	0.57595 AU
inferior conj	-1735 Jun 07 j 18:57	0°♊24'23	-4°-19'-52
minimum elong	-1735 Jun 07 j 15:16	0°♊30'39	4°19'27
	-1735 Jun 08 j 09:20	30°℞♉	
morning rise	-1735 Jun 15 j 21:52	26°♉11'36	
direct	-1735 Jun 18 j 10:28	25°♉52'44	
morning max el	-1735 Jun 27 j 04:52	29°♉58'36	19°04'17
	-1735 Jun 27 j 05:28	0°♊	
asc. node	-1735 Jul 05 j 02:38	10°♊18'58	
morning set	-1735 Jul 13 j 23:08	26°♊40'15	
	-1735 Jul 15 j 15:31	0°♋	
superior conj	-1735 Jul 22 j 09:28	13°♋15'12	1°48'11
minimum elong	-1735 Jul 22 j 09:32	13°♋15'29	1°48'14
max. Earth dist.	-1735 Jul 29 j 00:03	25°♋36'12	1.38526 AU
	-1735 Jul 31 j 11:07	0°♌	
evening rise	-1735 Aug 01 j 21:34	2°♌30'43	
desc. node	-1735 Aug 14 j 23:15	23°♌44'40	
	-1735 Aug 19 j 04:21	0°♍	
evening max el	-1735 Sep 06 j 12:24	23°♍09'59	24°39'34
retrograde	-1735 Sep 17 j 23:06	29°♍50'44	
evening set	-1735 Sep 23 j 12:01	27°♍30'55	
min. Earth dist.	-1735 Sep 28 j 03:42	22°♍11'44	0.67272 AU
inferior conj	-1735 Sep 28 j 22:29	21°♍09'09	0°-44'-2
minimum elong	-1735 Sep 28 j 23:33	21°♍05'35	0°43'35
asc. node	-1735 Oct 01 j 01:47	18°♍23'41	
morning rise	-1735 Oct 04 j 11:28	15°♍03'20	
direct	-1735 Oct 08 j 02:30	13°♍47'39	
morning max el	-1735 Oct 15 j 19:42	18°♍15'03	20°09'04
greatest brilliancy	-1735 Oct 22 j 19:55	26°♍48'01	-0.6m
	-1735 Oct 25 j 03:04	0°♎	
desc. node	-1735 Nov 10 j 22:40	25°♎13'21	
morning set	-1735 Nov 11 j 15:56	26°♎20'04	
	-1735 Nov 14 j 00:38	0°♏	
max. Earth dist.	-1735 Nov 22 j 16:17	13°♏38'43	1.43758 AU
superior conj	-1735 Nov 28 j 03:19	22°♏28'56	-1°-36'-56
minimum elong	-1735 Nov 27 j 20:23	22°♏00'34	1°36'23
	-1735 Dec 02 j 16:20	0°♐	
evening rise	-1735 Dec 11 j 03:44	14°♐25'47	
	-1735 Dec 20 j 06:53	0°♑	
asc. node	-1735 Dec 28 j 01:02	11°♑03'58	
evening max el	-1735 Dec 28 j 22:47	12°♑01'44	18°12'21
retrograde	-1734 Jan 04 j 11:08	15°♑30'29	
evening set	-1734 Jan 07 j 06:04	14°♑50'31	
inferior conj	-1734 Jan 13 j 12:40	9°♑31'31	3°51'33
minimum elong	-1734 Jan 13 j 11:13	9°♑35'24	3°51'24
min. Earth dist.	-1734 Jan 16 j 02:50	6°♑45'20	0.63013 AU
morning rise	-1734 Jan 19 j 14:35	3°♑33'10	
direct	-1734 Jan 26 j 15:05	0°♑50'55	
desc. node	-1734 Feb 06 j 21:53	6°♑16'13	
morning max el	-1734 Feb 09 j 11:38	8°♑39'31	27°43'23
	-1734 Feb 26 j 00:48	0°♒	
	-1734 Mar 15 j 00:20	0°♓	
morning set	-1734 Mar 15 j 13:39	1°♓06'40	
max. Earth dist.	-1734 Mar 21 j 01:26	12°♓29'37	1.33002 AU
superior conj	-1734 Mar 23 j 04:46	17°♓04'40	0°-29'-18
minimum elong	-1734 Mar 23 j 06:08	17°♓12'01	0°29'02
asc. node	-1734 Mar 26 j 00:23	23°♓10'10	
	-1734 Mar 29 j 04:34	0°♈	
evening rise	-1734 Mar 30 j 07:12	2°♈21'09	
	-1734 Apr 14 j 14:26	0°♉	
evening max el	-1734 Apr 22 j 20:17	9°♉54'37	23°33'41
desc. node	-1734 May 05 j 20:59	16°♉42'13	
retrograde	-1734 May 06 j 11:23	16°♉43'02	
evening set	-1734 May 10 j 08:26	16°♉09'57	
min. Earth dist.	-1734 May 17 j 06:55	12°♉57'21	0.56007 AU
inferior conj	-1734 May 19 j 09:10	11°♉42'12	-3°-25'-34
minimum elong	-1734 May 19 j 02:34	11°♉52'07	3°23'59
morning rise	-1734 May 28 j 00:16	7°♉44'51	
direct	-1734 May 30 j 14:53	7°♉27'52	
morning max el	-1734 Jun 09 j 21:58	12°♉13'47	20°08'10
asc. node	-1734 Jun 21 j 23:40	29°♉15'26	
	-1734 Jun 22 j 09:24	0°♊	
morning set	-1734 Jun 28 j 02:58	11°♊11'06	
superior conj	-1734 Jul 05 j 22:44	27°♊07'42	1°44'12
minimum elong	-1734 Jul 05 j 21:12	27°♊00'00	1°44'09
	-1734 Jul 07 j 09:14	0°♋	
max. Earth dist.	-1734 Jul 11 j 04:40	7°♋25'43	1.36647 AU
evening rise	-1734 Jul 15 j 04:26	14°♋53'14	
	-1734 Jul 23 j 21:36	0°♌	
desc. node	-1734 Aug 01 j 20:16	13°♌55'29	
	-1734 Aug 13 j 19:43	0°♍	
evening max el	-1734 Aug 19 j 23:27	6°♍44'16	25°51'08
retrograde	-1734 Sep 01 j 08:06	13°♍48'47	
evening set	-1734 Sep 07 j 11:49	11°♍13'17	
min. Earth dist.	-1734 Sep 11 j 19:06	6°♍30'58	0.66670 AU
inferior conj	-1734 Sep 13 j 01:11	4°♍55'37	-1°-38'-40
minimum elong	-1734 Sep 13 j 03:35	4°♍47'57	1°37'43
	-1734 Sep 17 j 11:03	30°℞♌	
asc. node	-1734 Sep 17 j 22:50	29°♌36'03	
morning rise	-1734 Sep 18 j 20:08	28°♌59'11	
direct	-1734 Sep 22 j 00:47	28°♌00'22	
	-1734 Sep 26 j 20:49	0°♍	
morning max el	-1734 Sep 29 j 01:48	1°♍59'15	19°10'34
	-1734 Oct 18 j 16:44	0°♎	
morning set	-1734 Oct 21 j 21:58	5°♎02'07	
desc. node	-1734 Oct 28 j 19:42	15°♎51'02	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

max. Earth dist.	-1734 Nov 05 j 07:48	27°♎38'37	1.44701 AU
	-1734 Nov 06 j 19:35	0°♏	
superior conj	-1734 Nov 07 j 14:42	1°♏15'39	-1°00'-33
minimum elong	-1734 Nov 07 j 07:37	0°♏47'37	0°59'45
evening rise	-1734 Nov 22 j 13:42	25°♏23'19	
	-1734 Nov 25 j 08:59	0°♐	
evening max el	-1734 Dec 12 j 10:53	25°♐24'10	18°34'36
asc. node	-1734 Dec 14 j 22:04	27°♐33'25	
retrograde	-1734 Dec 19 j 02:11	29°♐05'38	
evening set	-1734 Dec 22 j 01:53	28°♐15'44	
inferior conj	-1734 Dec 28 j 00:19	22°♐38'12	3°31'21
minimum elong	-1734 Dec 27 j 21:43	22°♐45'55	3°30'50
min. Earth dist.	-1734 Dec 29 j 23:26	20°♐19'01	0.64639 AU
morning rise	-1733 Jan 02 j 16:18	16°♐31'36	
direct	-1733 Jan 09 j 11:35	13°♐40'33	
morning max el	-1733 Jan 22 j 21:02	21°♐24'41	27°14'34
desc. node	-1733 Jan 24 j 18:57	23°♐23'49	
	-1733 Jan 30 j 09:35	0°♑	
	-1733 Feb 19 j 03:40	0°♒	
morning set	-1733 Feb 27 j 05:42	14°♒56'52	
max. Earth dist.	-1733 Mar 04 j 00:25	24°♒30'51	1.33880 AU
	-1733 Mar 06 j 15:49	0°♓	
superior conj	-1733 Mar 07 j 09:24	1°♓32'27	0°-55'-3
minimum elong	-1733 Mar 07 j 11:55	1°♓45'41	0°54'36
asc. node	-1733 Mar 12 j 21:25	13°♓13'12	
evening rise	-1733 Mar 14 j 18:01	17°♓07'54	
	-1733 Mar 21 j 05:15	0°♈	
evening max el	-1733 Apr 04 j 14:35	20°♈37'01	21°59'52
retrograde	-1733 Apr 17 j 05:34	26°♈46'25	
evening set	-1733 Apr 19 j 23:02	26°♈29'51	
desc. node	-1733 Apr 22 j 18:01	25°♈41'24	
inferior conj	-1733 Apr 29 j 07:58	22°♈24'14	-1°-49'-31
minimum elong	-1733 Apr 29 j 03:03	22°♈31'10	1°47'53
min. Earth dist.	-1733 Apr 28 j 20:22	22°♈40'35	0.55149 AU
morning rise	-1733 May 08 j 08:27	18°♈27'36	
direct	-1733 May 11 j 04:45	18°♈09'31	
morning max el	-1733 May 23 j 04:10	23°♈47'16	21°31'00
	-1733 May 28 j 16:14	0°♉	
asc. node	-1733 Jun 08 j 20:44	18°♉39'59	
morning set	-1733 Jun 12 j 11:25	25°♉57'47	
	-1733 Jun 14 j 09:56	0°♊	
superior conj	-1733 Jun 19 j 21:32	11°♊30'08	1°33'33
minimum elong	-1733 Jun 19 j 19:09	11°♊17'46	1°33'22
max. Earth dist.	-1733 Jun 23 j 16:47	19°♊17'32	1.35068 AU
evening rise	-1733 Jun 28 j 05:21	28°♊10'17	
	-1733 Jun 29 j 04:29	0°♋	
	-1733 Jul 17 j 03:09	0°♌	
desc. node	-1733 Jul 19 j 17:17	3°♌42'23	
evening max el	-1733 Aug 02 j 10:58	20°♌15'38	26°47'04
retrograde	-1733 Aug 15 j 12:07	27°♌33'09	
evening set	-1733 Aug 22 j 04:52	24°♌48'21	
min. Earth dist.	-1733 Aug 26 j 04:28	20°♌44'02	0.65714 AU
inferior conj	-1733 Aug 27 j 22:56	18°♌38'29	-2°-31'-36
minimum elong	-1733 Aug 28 j 02:30	18°♌27'52	2°30'21
morning rise	-1733 Sep 03 j 01:22	12°♌54'29	
asc. node	-1733 Sep 04 j 19:54	12°♌15'31	
direct	-1733 Sep 05 j 22:01	12°♌08'54	
morning max el	-1733 Sep 12 j 13:27	15°♌48'15	18°27'54
	-1733 Sep 22 j 21:48	0°♍	
morning set	-1733 Oct 02 j 05:28	15°♍00'54	
	-1733 Oct 11 j 13:14	0°♎	
desc. node	-1733 Oct 15 j 16:42	6°♎34'26	
superior conj	-1733 Oct 17 j 14:41	9°♎35'52	0°-12'-22
minimum elong	-1733 Oct 17 j 13:03	9°♎29'24	0°12'10
behind sun begin	-1733 Oct 17 j 05:27	8°♎59'28	
behind sun end	-1733 Oct 17 j 20:38	9°♎59'20	
max. Earth dist.	-1733 Oct 19 j 01:50	11°♎54'17	1.44932 AU
	-1733 Oct 30 j 14:12	0°♏	
evening rise	-1733 Nov 02 j 23:23	5°♏19'39	
greatest brilliancy	-1733 Nov 15 j 12:37	24°♏57'51	-0.7m
	-1733 Nov 18 j 21:57	0°♐	
evening max el	-1733 Nov 25 j 20:21	8°♐50'29	19°14'10
asc. node	-1733 Dec 01 j 19:07	12°♐46'43	
retrograde	-1733 Dec 02 j 21:45	12°♐53'38	
evening set	-1733 Dec 06 j 03:55	11°♐51'53	
inferior conj	-1733 Dec 11 j 20:24	5°♐58'39	2°59'15
minimum elong	-1733 Dec 11 j 17:27	6°♐08'04	2°58'25
min. Earth dist.	-1733 Dec 13 j 05:03	4°♐14'44	0.65905 AU
morning rise	-1733 Dec 17 j 06:07	29°♏46'34	
	-1733 Dec 17 j 00:09	30°℞♏	
direct	-1733 Dec 23 j 14:24	27°♏00'25	
	-1733 Dec 31 j 03:32	0°♐	
morning max el	-1732 Jan 05 j 06:33	4°♐28'01	26°17'17
desc. node	-1732 Jan 11 j 16:00	11°♐39'45	
	-1732 Jan 24 j 20:22	0°♑	
morning set	-1732 Feb 10 j 09:05	28°♑03'48	
	-1732 Feb 11 j 09:47	0°♒	
max. Earth dist.	-1732 Feb 14 j 11:39	5°♒55'24	1.35210 AU
superior conj	-1732 Feb 19 j 07:28	15°♒35'12	-1°-19'-8
minimum elong	-1732 Feb 19 j 10:49	15°♒52'17	1°18'40
	-1732 Feb 26 j 06:37	0°♓	
evening rise	-1732 Feb 27 j 01:57	1°♓39'35	
asc. node	-1732 Feb 27 j 18:28	3°♓04'10	
	-1732 Mar 15 j 00:50	0°♈	
evening max el	-1732 Mar 16 j 17:57	1°♈45'41	20°36'15
retrograde	-1732 Mar 27 j 18:47	7°♈02'37	
evening set	-1732 Mar 30 j 00:23	6°♈50'31	
inferior conj	-1732 Apr 08 j 03:05	2°♈53'11	0°08'29
minimum elong	-1732 Apr 08 j 03:28	2°♈52'37	0°08'21
transit middle	-1732 Apr 08 j 03:28	2°♈52'37	0°08'21
transit begin	-1732 Apr 08 j 00:01	2°♈57'37	
transit end	-1732 Apr 08 j 06:56	2°♈47'37	
desc. node	-1732 Apr 08 j 15:06	2°♈35'48	
min. Earth dist.	-1732 Apr 09 j 10:20	2°♈08'01	0.55221 AU
	-1732 Apr 13 j 11:00	30°℞♓	
morning rise	-1732 Apr 17 j 04:47	28°♓38'53	
direct	-1732 Apr 20 j 16:44	28°♓12'18	
	-1732 Apr 27 j 14:58	0°♈	
morning max el	-1732 May 04 j 00:34	4°♈41'38	23°07'29
	-1732 May 21 j 12:15	0°♉	
asc. node	-1732 May 25 j 17:48	8°♉24'55	
morning set	-1732 May 26 j 22:35	10°♉54'22	
superior conj	-1732 Jun 03 j 02:45	26°♉12'43	1°17'53
minimum elong	-1732 Jun 03 j 00:11	25°♉59'00	1°17'32
	-1732 Jun 04 j 21:33	0°♊	
max. Earth dist.	-1732 Jun 05 j 14:52	1°♊31'06	1.33862 AU
evening rise	-1732 Jun 10 j 19:29	12°♊07'56	
	-1732 Jun 20 j 11:09	0°♋	
desc. node	-1732 Jul 05 j 14:19	22°♋55'19	
	-1732 Jul 11 j 11:11	0°♌	
evening max el	-1732 Jul 14 j 22:29	3°♌34'57	27°19'43
retrograde	-1732 Jul 28 j 10:34	10°♌56'11	
evening set	-1732 Aug 04 j 12:24	8°♌11'57	
min. Earth dist.	-1732 Aug 08 j 05:37	4°♌44'08	0.64392 AU
inferior conj	-1732 Aug 10 j 13:24	2°♌13'29	-3°-20'-19
minimum elong	-1732 Aug 10 j 17:41	2°♌01'54	3°19'06
	-1732 Aug 12 j 16:30	30°℞♋	
morning rise	-1732 Aug 17 j 00:42	26°♋45'14	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1732 Aug 19 j 15:54	26°♋09'23	
asc. node	-1732 Aug 21 j 16:59	26°♋31'07	
morning max el	-1732 Aug 26 j 04:14	29°♋37'25	18°02'15
	-1732 Aug 26 j 13:03	0°♌	
morning set	-1732 Sep 12 j 16:45	26°♌20'27	
	-1732 Sep 14 j 20:38	0°♍	
superior conj	-1732 Sep 26 j 01:34	18°♍31'58	0°35'21
minimum elong	-1732 Sep 26 j 05:29	18°♍47'47	0°34'50
max. Earth dist.	-1732 Sep 30 j 19:44	26°♍09'13	1.44435 AU
desc. node	-1732 Oct 01 j 13:44	27°♍20'36	
	-1732 Oct 03 j 06:04	0°♎	
evening rise	-1732 Oct 12 j 12:22	14°♎26'04	
	-1732 Oct 22 j 16:48	0°♏	
greatest brilliancy	-1732 Nov 01 j 05:35	13°♏54'07	-0.6m
evening max el	-1732 Nov 08 j 01:18	22°♏18'26	20°09'12
retrograde	-1732 Nov 15 j 19:06	26°♏51'00	
asc. node	-1732 Nov 17 j 16:11	26°♏30'43	
evening set	-1732 Nov 19 j 09:49	25°♏35'04	
inferior conj	-1732 Nov 24 j 22:12	19°♏29'11	2°18'41
minimum elong	-1732 Nov 24 j 19:31	19°♏38'12	2°17'45
min. Earth dist.	-1732 Nov 25 j 17:51	18°♏23'26	0.66799 AU
morning rise	-1732 Nov 30 j 04:38	13°♏13'59	
direct	-1732 Dec 05 j 22:40	10°♏42'49	
morning max el	-1732 Dec 17 j 15:07	17°♏39'52	25°00'36
	-1732 Dec 27 j 23:49	0°♐	
desc. node	-1732 Dec 28 j 13:04	0°♐44'15	
	-1731 Jan 16 j 20:50	0°♑	
morning set	-1731 Jan 22 j 18:37	10°♑12'48	
max. Earth dist.	-1731 Jan 26 j 12:04	16°♑59'15	1.36973 AU
superior conj	-1731 Feb 01 j 20:00	29°♑04'43	-1°-39'-41
minimum elong	-1731 Feb 01 j 23:29	29°♑21'50	1°39'23
	-1731 Feb 02 j 07:14	0°♒	
evening rise	-1731 Feb 10 j 04:54	15°♒50'15	
asc. node	-1731 Feb 13 j 15:30	22°♒38'06	
	-1731 Feb 17 j 14:53	0°♓	
evening max el	-1731 Feb 27 j 08:15	13°♓30'49	19°29'28
retrograde	-1731 Mar 08 j 16:13	17°♓58'21	
evening set	-1731 Mar 10 j 21:48	17°♓44'12	
inferior conj	-1731 Mar 19 j 08:36	13°♓38'17	1°55'10
minimum elong	-1731 Mar 19 j 12:49	13°♓31'26	1°53'52
min. Earth dist.	-1731 Mar 22 j 00:53	11°♓54'51	0.56207 AU
desc. node	-1731 Mar 26 j 12:10	9°♓28'56	
morning rise	-1731 Mar 28 j 00:12	8°♓54'07	
direct	-1731 Apr 01 j 13:53	8°♓06'52	
morning max el	-1731 Apr 15 j 15:36	15°♓14'25	24°47'10
	-1731 Apr 27 j 09:12	0°♈	
morning set	-1731 May 11 j 10:41	25°♈54'54	
asc. node	-1731 May 12 j 14:51	28°♈23'57	
	-1731 May 13 j 08:50	0°♉	
superior conj	-1731 May 18 j 11:59	11°♉07'28	0°58'21
minimum elong	-1731 May 18 j 09:44	10°♉55'17	0°57'58
max. Earth dist.	-1731 May 19 j 21:29	14°♉08'52	1.33033 AU
evening rise	-1731 May 25 j 18:56	26°♉33'51	
	-1731 May 27 j 11:50	0°♊	
	-1731 Jun 13 j 20:43	0°♋	
desc. node	-1731 Jun 22 j 11:22	11°♋19'36	
evening max el	-1731 Jun 27 j 07:47	16°♋28'28	27°22'51
retrograde	-1731 Jul 11 j 02:33	23°♋48'31	
evening set	-1731 Jul 18 j 06:49	21°♋17'29	
min. Earth dist.	-1731 Jul 21 j 20:47	18°♋19'51	0.62718 AU
inferior conj	-1731 Jul 24 j 17:43	15°♋33'31	-4°-1'-2
minimum elong	-1731 Jul 24 j 21:46	15°♋23'43	4°00'14
morning rise	-1731 Jul 31 j 15:02	10°♋24'26	
direct	-1731 Aug 03 j 03:11	9°♋55'31	
asc. node	-1731 Aug 08 j 14:04	12°♋13'54	
morning max el	-1731 Aug 09 j 19:24	13°♋20'24	17°54'32
	-1731 Aug 21 j 04:03	0°♌	
morning set	-1731 Aug 26 j 02:46	8°♌44'51	
superior conj	-1731 Sep 06 j 13:51	28°♌43'36	1°12'30
minimum elong	-1731 Sep 06 j 19:10	29°♌06'04	1°11'55
	-1731 Sep 07 j 07:59	0°♍	
max. Earth dist.	-1731 Sep 13 j 10:33	10°♍05'02	1.43277 AU
desc. node	-1731 Sep 18 j 10:44	18°♍05'51	
evening rise	-1731 Sep 21 j 18:07	23°♍16'51	
	-1731 Sep 26 j 02:48	0°♎	
greatest brilliancy	-1731 Oct 16 j 19:33	29°♎43'22	-0.4m
	-1731 Oct 17 j 00:48	0°♏	
evening max el	-1731 Oct 22 j 00:22	5°♏45'41	21°17'07
retrograde	-1731 Oct 30 j 16:08	10°♏53'58	
evening set	-1731 Nov 03 j 17:30	9°♏21'33	
asc. node	-1731 Nov 04 j 13:14	8°♏40'03	
inferior conj	-1731 Nov 09 j 03:26	3°♏06'18	1°32'00
minimum elong	-1731 Nov 09 j 01:27	3°♏13'07	1°31'13
min. Earth dist.	-1731 Nov 09 j 11:31	2°♏38'30	0.67337 AU
	-1731 Nov 11 j 11:02	30°℞♎	
morning rise	-1731 Nov 14 j 09:05	26°♎50'17	
direct	-1731 Nov 19 j 11:38	24°♎39'49	
	-1731 Nov 29 j 01:22	0°♏	
morning max el	-1731 Nov 30 j 00:00	0°♏55'42	23°34'30
desc. node	-1731 Dec 15 j 10:06	20°♏22'51	
	-1731 Dec 21 j 23:11	0°♐	
morning set	-1730 Jan 04 j 04:05	21°♐07'27	
max. Earth dist.	-1730 Jan 08 j 07:40	28°♐16'27	1.39018 AU
	-1730 Jan 09 j 07:09	0°♑	
superior conj	-1730 Jan 15 j 19:03	11°♑50'17	-1°-54'-7
minimum elong	-1730 Jan 15 j 21:27	12°♑01'32	1°54'04
evening rise	-1730 Jan 25 j 00:17	29°♑33'07	
	-1730 Jan 25 j 05:49	0°♒	
asc. node	-1730 Jan 31 j 12:33	11°♒48'56	
evening max el	-1730 Feb 10 j 08:15	25°♒50'55	18°42'18
retrograde	-1730 Feb 18 j 07:22	29°♒42'49	
evening set	-1730 Feb 20 j 16:31	29°♒23'22	
inferior conj	-1730 Feb 28 j 09:25	24°♒59'11	3°08'42
minimum elong	-1730 Feb 28 j 13:39	24°♒51'12	3°07'48
min. Earth dist.	-1730 Mar 03 j 17:38	22°♒29'21	0.57872 AU
morning rise	-1730 Mar 08 j 06:52	19°♒44'38	
desc. node	-1730 Mar 13 j 09:14	18°♒24'52	
direct	-1730 Mar 14 j 00:06	18°♒23'55	
morning max el	-1730 Mar 28 j 07:41	25°♒54'28	26°15'15
	-1730 Apr 01 j 04:00	0°♓	
	-1730 Apr 20 j 12:15	0°♈	
morning set	-1730 Apr 25 j 22:06	10°♈53'44	
asc. node	-1730 Apr 29 j 11:53	18°♈32'08	
superior conj	-1730 May 02 j 23:20	26°♈08'00	0°35'57
minimum elong	-1730 May 02 j 21:49	25°♈59'40	0°35'39
max. Earth dist.	-1730 May 03 j 09:16	27°♈02'23	1.32562 AU
	-1730 May 04 j 17:46	0°♉	
evening rise	-1730 May 10 j 00:40	11°♉18'22	
	-1730 May 19 j 17:21	0°♊	
desc. node	-1730 Jun 09 j 08:23	28°♊34'54	
evening max el	-1730 Jun 09 j 12:09	28°♊43'55	26°53'09
	-1730 Jun 10 j 21:17	0°♋	
retrograde	-1730 Jun 23 j 11:24	6°♋01'54	
evening set	-1730 Jun 30 j 07:52	3°♋57'47	
min. Earth dist.	-1730 Jul 04 j 01:44	1°♋17'26	0.60766 AU
	-1730 Jul 05 j 14:49	30°℞♊	
inferior conj	-1730 Jul 07 j 08:29	28°♊30'45	-4°-27'-56
minimum elong	-1730 Jul 07 j 10:48	28°♊25'50	4°27'43

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1730 Jul 14 j 16:48	23°♊43'36	
direct	-1730 Jul 17 j 04:00	23°♊19'39	
morning max el	-1730 Jul 24 j 08:09	26°♊50'52	18°05'46
asc. node	-1730 Jul 26 j 11:08	29°♊09'24	
	-1730 Jul 27 j 03:27	0°♋	
morning set	-1730 Aug 09 j 05:49	21°♋58'46	
	-1730 Aug 13 j 13:26	0°♌	
superior conj	-1730 Aug 19 j 05:14	10°♌16'06	1°35'52
minimum elong	-1730 Aug 19 j 08:56	10°♌32'33	1°35'37
max. Earth dist.	-1730 Aug 26 j 19:40	23°♌24'07	1.41613 AU
	-1730 Aug 30 j 19:34	0°♍	
evening rise	-1730 Sep 01 j 11:30	2°♍41'25	
desc. node	-1730 Sep 05 j 07:44	8°♍47'05	
	-1730 Sep 19 j 12:58	0°♎	
greatest brilliancy	-1730 Sep 29 j 22:25	13°♎49'45	-0.3m
evening max el	-1730 Oct 04 j 17:33	19°♎12'44	22°34'02
retrograde	-1730 Oct 14 j 11:13	24°♎59'58	
evening set	-1730 Oct 19 j 01:14	23°♎09'19	
asc. node	-1730 Oct 22 j 10:17	19°♎30'25	
inferior conj	-1730 Oct 24 j 10:12	16°♎48'23	0°41'03
minimum elong	-1730 Oct 24 j 09:15	16°♎51'39	0°40'39
min. Earth dist.	-1730 Oct 24 j 07:44	16°♎56'55	0.67550 AU
morning rise	-1730 Oct 29 j 17:12	10°♎33'59	
direct	-1730 Nov 03 j 04:41	8°♎45'54	
morning max el	-1730 Nov 12 j 12:11	14°♎16'43	22°08'13
greatest brilliancy	-1730 Nov 17 j 05:24	19°♎36'15	-0.4m
	-1730 Nov 25 j 01:51	0°♏	
desc. node	-1730 Dec 02 j 07:07	10°♏25'39	
	-1730 Dec 14 j 23:19	0°♐	
morning set	-1730 Dec 15 j 08:41	0°♐37'38	
max. Earth dist.	-1730 Dec 21 j 05:42	10°♐16'50	1.41094 AU
superior conj	-1730 Dec 28 j 23:31	23°♐38'35	-1°-58'-57
minimum elong	-1730 Dec 28 j 23:04	23°♐36'37	1°59'00
	-1729 Jan 01 j 12:22	0°♑	
evening rise	-1729 Jan 08 j 08:52	12°♑40'01	
asc. node	-1729 Jan 18 j 09:34	0°♒28'36	
	-1729 Jan 18 j 02:22	0°♒	
evening max el	-1729 Jan 24 j 15:21	8°♒38'12	18°15'15
retrograde	-1729 Jan 31 j 16:48	12°♒10'12	
evening set	-1729 Feb 03 j 05:44	11°♒43'41	
inferior conj	-1729 Feb 10 j 06:53	6°♒58'14	3°46'38
minimum elong	-1729 Feb 10 j 08:54	6°♒53'48	3°46'25
min. Earth dist.	-1729 Feb 13 j 15:20	4°♒03'12	0.59888 AU
morning rise	-1729 Feb 17 j 08:50	1°♒20'57	
	-1729 Feb 20 j 05:24	30°℞♑	
direct	-1729 Feb 23 j 22:47	29°♑21'41	
	-1729 Feb 27 j 18:47	0°♒	
desc. node	-1729 Feb 28 j 06:17	0°♒09'55	
morning max el	-1729 Mar 10 j 05:05	7°♒04'50	27°17'13
	-1729 Mar 27 j 11:18	0°♓	
morning set	-1729 Apr 10 j 07:00	25°♓43'14	
	-1729 Apr 12 j 07:53	0°♈	
asc. node	-1729 Apr 16 j 08:55	8°♈44'05	
superior conj	-1729 Apr 17 j 11:01	11°♈06'57	0°11'29
minimum elong	-1729 Apr 17 j 10:30	11°♈04'08	0°11'22
behind sun begin	-1729 Apr 17 j 07:00	10°♈44'56	
behind sun end	-1729 Apr 17 j 14:01	11°♈23'20	
max. Earth dist.	-1729 Apr 16 j 22:20	9°♈57'28	1.32441 AU
evening rise	-1729 Apr 24 j 10:15	26°♈12'02	
	-1729 Apr 26 j 06:08	0°♉	
	-1729 May 13 j 15:47	0°♊	
evening max el	-1729 May 22 j 09:54	10°♊14'41	25°52'10
desc. node	-1729 May 27 j 05:25	14°♊11'52	
retrograde	-1729 Jun 05 j 11:40	17°♊28'49	
evening set	-1729 Jun 11 j 11:27	16°♊02'10	
min. Earth dist.	-1729 Jun 15 j 22:22	13°♊21'14	0.58710 AU
inferior conj	-1729 Jun 19 j 06:04	10°♊54'53	-4°-32'-11
minimum elong	-1729 Jun 19 j 04:51	10°♊57'07	4°32'08
morning rise	-1729 Jun 27 j 02:04	6°♊30'22	
direct	-1729 Jun 29 j 13:44	6°♊10'04	
morning max el	-1729 Jul 07 j 15:27	9°♊59'31	18°36'58
asc. node	-1729 Jul 13 j 08:11	17°♊01'48	
	-1729 Jul 20 j 20:15	0°♋	
morning set	-1729 Jul 23 j 21:12	5°♋49'33	
superior conj	-1729 Aug 01 j 18:46	22°♋55'15	1°46'41
minimum elong	-1729 Aug 01 j 20:04	23°♋01'20	1°46'41
	-1729 Aug 05 j 14:57	0°♌	
max. Earth dist.	-1729 Aug 08 j 23:18	5°♌58'12	1.39666 AU
evening rise	-1729 Aug 13 j 04:34	13°♌13'34	
desc. node	-1729 Aug 23 j 04:44	29°♌20'32	
	-1729 Aug 23 j 15:00	0°♍	
	-1729 Sep 14 j 16:57	0°♎	
evening max el	-1729 Sep 17 j 06:32	2°♎42'20	23°54'31
retrograde	-1729 Sep 28 j 03:06	9°♎06'07	
evening set	-1729 Oct 03 j 07:17	6°♎56'46	
min. Earth dist.	-1729 Oct 08 j 04:04	1°♎17'15	0.67454 AU
inferior conj	-1729 Oct 08 j 16:46	0°♎34'02	0°-12'-33
minimum elong	-1729 Oct 08 j 17:04	0°♎33'01	0°12'27
transit middle	-1729 Oct 08 j 17:04	0°♎33'01	0°12'27
transit begin	-1729 Oct 08 j 15:19	0°♎39'00	
transit end	-1729 Oct 08 j 18:50	0°♎27'03	
asc. node	-1729 Oct 09 j 07:21	29°♍44'40	
	-1729 Oct 09 j 02:48	30°℞♍	
morning rise	-1729 Oct 14 j 03:02	24°♍24'03	
direct	-1729 Oct 18 j 00:56	22°♍57'17	
morning max el	-1729 Oct 26 j 06:39	27°♍46'04	20°49'10
	-1729 Oct 28 j 08:09	0°♎	
greatest brilliancy	-1729 Nov 01 j 03:35	4°♎40'59	-0.5m
	-1729 Nov 18 j 16:04	0°♏	
desc. node	-1729 Nov 19 j 04:07	0°♏45'53	
morning set	-1729 Nov 24 j 12:21	9°♏00'18	
max. Earth dist.	-1729 Dec 03 j 10:34	23°♏10'56	1.42915 AU
	-1729 Dec 07 j 14:20	0°♐	
superior conj	-1729 Dec 10 j 03:54	4°♐17'08	-1°-49'-56
minimum elong	-1729 Dec 09 j 23:09	3°♐57'11	1°49'42
evening rise	-1729 Dec 22 j 02:45	25°♐02'53	
	-1729 Dec 24 j 21:38	0°♑	
asc. node	-1728 Jan 05 j 06:37	18°♑27'37	
evening max el	-1728 Jan 08 j 02:40	21°♑44'53	18°07'59
retrograde	-1728 Jan 14 j 17:04	25°♑11'04	
evening set	-1728 Jan 17 j 09:42	24°♑36'22	
inferior conj	-1728 Jan 23 j 22:15	19°♑29'30	3°55'58
minimum elong	-1728 Jan 23 j 21:52	19°♑30'27	3°55'55
min. Earth dist.	-1728 Jan 26 j 20:41	16°♑33'52	0.61928 AU
morning rise	-1728 Jan 30 j 07:43	13°♑37'26	
direct	-1728 Feb 06 j 07:36	11°♑06'37	
desc. node	-1728 Feb 15 j 03:20	14°♑28'11	
morning max el	-1728 Feb 20 j 08:30	18°♑55'13	27°44'20
	-1728 Feb 29 j 18:20	0°♒	
	-1728 Mar 19 j 06:02	0°♓	
morning set	-1728 Mar 24 j 11:25	10°♓16'25	
max. Earth dist.	-1728 Mar 30 j 08:55	22°♓41'02	1.32686 AU
superior conj	-1728 Mar 31 j 21:25	25°♓58'44	0°-14'-15
minimum elong	-1728 Mar 31 j 22:05	26°♓02'20	0°14'08
behind sun begin	-1728 Mar 31 j 19:45	25°♓49'40	
behind sun end	-1728 Apr 01 j 00:24	26°♓15'00	
asc. node	-1728 Apr 02 j 05:57	28°♓55'48	
	-1728 Apr 02 j 17:44	0°♈	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1728 Apr 07 j 21:45	11°♈08'07	
	-1728 Apr 17 j 14:42	0°♉	
evening max el	-1728 May 03 j 02:17	21°♉08'19	24°27'45
desc. node	-1728 May 13 j 02:28	27°♉34'44	
retrograde	-1728 May 17 j 00:44	28°♉10'08	
evening set	-1728 May 21 j 16:57	27°♉20'59	
min. Earth dist.	-1728 May 27 j 14:01	24°♉23'14	0.56853 AU
inferior conj	-1728 May 30 j 07:47	22°♉38'02	-4°-2'-14
minimum elong	-1728 May 30 j 02:29	22°♉46'34	4°01'20
morning rise	-1728 Jun 07 j 15:56	18°♉32'45	
direct	-1728 Jun 10 j 05:02	18°♉14'58	
morning max el	-1728 Jun 19 j 14:23	22°♉36'37	19°28'54
	-1728 Jun 25 j 16:49	0°♊	
asc. node	-1728 Jun 29 j 05:13	5°♊38'03	
morning set	-1728 Jul 06 j 21:18	20°♊07'55	
	-1728 Jul 11 j 19:13	0°♋	
superior conj	-1728 Jul 15 j 00:47	6°♋24'49	1°47'25
minimum elong	-1728 Jul 15 j 00:04	6°♋21'20	1°47'26
max. Earth dist.	-1728 Jul 21 j 01:51	17°♋57'29	1.37702 AU
evening rise	-1728 Jul 24 j 22:47	24°♋58'49	
	-1728 Jul 27 j 19:46	0°♌	
desc. node	-1728 Aug 09 j 01:45	19°♌41'16	
	-1728 Aug 16 j 05:58	0°♍	
evening max el	-1728 Aug 29 j 17:51	16°♍15'49	25°11'35
retrograde	-1728 Sep 10 j 14:44	23°♍08'09	
evening set	-1728 Sep 16 j 09:54	20°♍41'24	
min. Earth dist.	-1728 Sep 20 j 22:02	15°♍37'23	0.67051 AU
inferior conj	-1728 Sep 21 j 21:25	14°♍20'53	-1°-7'-19
minimum elong	-1728 Sep 21 j 23:03	14°♍15'30	1°06'38
asc. node	-1728 Sep 25 j 04:24	10°♍20'34	
morning rise	-1728 Sep 27 j 12:42	8°♍18'23	
direct	-1728 Sep 30 j 23:03	7°♍10'13	
morning max el	-1728 Oct 08 j 08:33	11°♍24'34	19°42'17
greatest brilliancy	-1728 Oct 16 j 13:40	21°♍45'47	-0.6m
	-1728 Oct 22 j 04:18	0°♎	
morning set	-1728 Nov 02 j 10:17	17°♎14'07	
desc. node	-1728 Nov 05 j 01:06	21°♎18'00	
	-1728 Nov 10 j 14:40	0°♏	
max. Earth dist.	-1728 Nov 14 j 22:46	6°♏51'09	1.44240 AU
superior conj	-1728 Nov 19 j 05:02	13°♏39'59	-1°-23'-31
minimum elong	-1728 Nov 18 j 21:18	13°♏08'51	1°22'47
	-1728 Nov 29 j 04:02	0°♐	
evening rise	-1728 Dec 03 j 01:28	6°♐32'41	
	-1728 Dec 17 j 12:16	0°♑	
evening max el	-1728 Dec 21 j 15:15	5°♑02'49	18°19'43
asc. node	-1728 Dec 22 j 03:40	5°♑33'21	
retrograde	-1728 Dec 28 j 03:48	8°♑35'24	
evening set	-1728 Dec 31 j 00:40	7°♑51'20	
inferior conj	-1727 Jan 06 j 03:31	2°♑24'19	3°44'39
minimum elong	-1727 Jan 06 j 01:28	2°♑30'03	3°44'22
	-1727 Jan 08 j 07:04	30°℞♐	
min. Earth dist.	-1727 Jan 08 j 11:22	29°♐48'12	0.63751 AU
morning rise	-1727 Jan 12 j 00:45	26°♐22'23	
direct	-1727 Jan 19 j 00:07	23°♐34'21	
	-1727 Jan 31 j 06:11	0°♑	
desc. node	-1727 Feb 01 j 00:22	0°♑42'59	
morning max el	-1727 Feb 01 j 16:13	1°♑21'45	27°35'02
	-1727 Feb 22 j 21:33	0°♒	
morning set	-1727 Mar 08 j 08:51	24°♒24'34	
	-1727 Mar 11 j 03:20	0°♓	
max. Earth dist.	-1727 Mar 13 j 13:10	5°♓00'02	1.33322 AU
superior conj	-1727 Mar 16 j 04:44	10°♓36'53	0°-40'-19
minimum elong	-1727 Mar 16 j 06:36	10°♓46'53	0°39'57
asc. node	-1727 Mar 20 j 03:01	19°♓03'04	
evening rise	-1727 Mar 23 j 09:20	25°♓59'56	
	-1727 Mar 25 j 07:34	0°♈	
	-1727 Apr 13 j 00:05	0°♉	
evening max el	-1727 Apr 14 j 18:05	1°♉46'49	22°53'14
retrograde	-1727 Apr 28 j 00:42	8°♉20'11	
desc. node	-1727 Apr 29 j 23:30	8°♉11'45	
evening set	-1727 May 01 j 08:31	7°♉56'01	
min. Earth dist.	-1727 May 09 j 03:31	4°♉29'45	0.55542 AU
inferior conj	-1727 May 10 j 14:32	3°♉39'15	-2°-49'-21
minimum elong	-1727 May 10 j 07:59	3°♉48'43	2°47'28
	-1727 May 18 j 08:14	30°℞♈	
morning rise	-1727 May 19 j 10:10	29°♈44'04	
direct	-1727 May 22 j 02:38	29°♈27'01	
	-1727 May 25 j 17:47	0°♉	
morning max el	-1727 Jun 02 j 02:48	4°♉34'10	20°41'12
asc. node	-1727 Jun 16 j 02:17	24°♉47'46	
	-1727 Jun 18 j 18:39	0°♊	
morning set	-1727 Jun 21 j 03:26	4°♊46'47	
superior conj	-1727 Jun 28 j 18:34	20°♊31'31	1°40'24
minimum elong	-1727 Jun 28 j 16:35	20°♊21'25	1°40'17
max. Earth dist.	-1727 Jul 03 j 09:32	29°♊46'47	1.35939 AU
	-1727 Jul 03 j 12:14	0°♋	
evening rise	-1727 Jul 07 j 14:04	7°♋46'53	
	-1727 Jul 20 j 12:24	0°♌	
desc. node	-1727 Jul 26 j 22:48	9°♌43'13	
evening max el	-1727 Aug 12 j 05:21	29°♌50'55	26°17'21
	-1727 Aug 12 j 09:06	0°♍	
retrograde	-1727 Aug 24 j 21:32	7°♍01'22	
evening set	-1727 Aug 31 j 07:08	4°♍21'13	
	-1727 Sep 04 j 09:32	30°℞♌	
min. Earth dist.	-1727 Sep 04 j 11:11	29°♌54'57	0.66312 AU
inferior conj	-1727 Sep 05 j 22:17	28°♌06'38	-2°-1'-27
minimum elong	-1727 Sep 06 j 01:14	27°♌57'33	2°00'20
morning rise	-1727 Sep 11 j 20:14	22°♌14'59	
asc. node	-1727 Sep 12 j 01:27	22°♌07'44	
direct	-1727 Sep 14 j 21:18	21°♌22'04	
morning max el	-1727 Sep 21 j 17:15	25°♌11'14	18°50'22
	-1727 Sep 25 j 18:39	0°♍	
morning set	-1727 Oct 13 j 02:07	26°♍26'29	
	-1727 Oct 15 j 08:02	0°♎	
desc. node	-1727 Oct 22 j 22:10	11°♎58'29	
max. Earth dist.	-1727 Oct 28 j 16:13	21°♎01'37	1.44898 AU
superior conj	-1727 Oct 29 j 09:03	22°♎07'51	0°-40'-53
minimum elong	-1727 Oct 29 j 03:47	21°♎47'10	0°40'15
	-1727 Nov 03 j 08:41	0°♏	
evening rise	-1727 Nov 14 j 01:12	17°♏03'55	
	-1727 Nov 22 j 01:58	0°♐	
evening max el	-1727 Dec 05 j 02:32	18°♐27'00	18°49'24
asc. node	-1727 Dec 09 j 00:42	21°♐31'58	
retrograde	-1727 Dec 11 j 21:07	22°♐16'21	
evening set	-1727 Dec 14 j 23:28	21°♐21'28	
inferior conj	-1727 Dec 20 j 19:06	15°♐36'44	3°18'53
minimum elong	-1727 Dec 20 j 16:16	15°♐45'26	3°18'14
min. Earth dist.	-1727 Dec 22 j 11:48	13°♐32'14	0.65229 AU
morning rise	-1727 Dec 26 j 08:02	9°♐27'42	
direct	-1726 Jan 01 j 23:11	6°♐37'31	
morning max el	-1726 Jan 15 j 01:52	14°♐15'20	26°53'13
desc. node	-1726 Jan 18 j 21:25	18°♐21'54	
	-1726 Jan 27 j 22:47	0°♑	
	-1726 Feb 15 j 13:46	0°♒	
morning set	-1726 Feb 19 j 20:02	7°♒57'14	
max. Earth dist.	-1726 Feb 24 j 07:33	16°♒45'42	1.34391 AU
superior conj	-1726 Feb 28 j 06:53	24°♒54'28	-1°-5'-34
minimum elong	-1726 Feb 28 j 09:48	25°♒09'41	1°05'05

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1726 Mar 02 j 17:11	0°♓	
asc. node	-1726 Mar 07 j 00:04	9°♓01'17	
evening rise	-1726 Mar 07 j 19:11	10°♓40'51	
	-1726 Mar 18 j 00:02	0°♈	
evening max el	-1726 Mar 27 j 15:41	12°♈37'29	21°22'31
retrograde	-1726 Apr 08 j 15:16	18°♈25'20	
evening set	-1726 Apr 11 j 02:03	18°♈11'37	
desc. node	-1726 Apr 16 j 20:34	16°♈07'02	
inferior conj	-1726 Apr 20 j 09:57	14°♈11'34	-1°00'-11
minimum elong	-1726 Apr 20 j 07:07	14°♈15'33	0°59'12
min. Earth dist.	-1726 Apr 20 j 16:44	14°♈02'02	0.55060 AU
morning rise	-1726 Apr 29 j 12:19	10°♈10'06	
direct	-1726 May 02 j 13:59	9°♈49'35	
morning max el	-1726 May 15 j 04:26	15°♈49'26	22°10'55
	-1726 May 26 j 03:31	0°♉	
asc. node	-1726 Jun 02 j 23:22	14°♉21'52	
morning set	-1726 Jun 05 j 13:18	19°♉38'44	
	-1726 Jun 10 j 11:01	0°♊	
superior conj	-1726 Jun 12 j 20:26	5°♊03'40	1°27'28
minimum elong	-1726 Jun 12 j 17:54	4°♊50'21	1°27'11
max. Earth dist.	-1726 Jun 16 j 02:10	11°♊48'02	1.34509 AU
evening rise	-1726 Jun 20 j 21:08	21°♊22'40	
	-1726 Jun 25 j 10:59	0°♋	
desc. node	-1726 Jul 13 j 19:50	29°♋17'14	
	-1726 Jul 14 j 08:28	0°♌	
evening max el	-1726 Jul 25 j 17:01	13°♌18'24	27°04'04
retrograde	-1726 Aug 07 j 23:04	20°♌37'52	
evening set	-1726 Aug 14 j 20:30	17°♌51'42	
min. Earth dist.	-1726 Aug 18 j 17:08	14°♌03'38	0.65206 AU
inferior conj	-1726 Aug 20 j 17:15	11°♌46'33	-2°-52'-58
minimum elong	-1726 Aug 20 j 21:12	11°♌35'14	2°51'40
morning rise	-1726 Aug 26 j 23:19	6°♌09'03	
direct	-1726 Aug 29 j 17:25	5°♌27'56	
asc. node	-1726 Aug 29 j 22:31	5°♌28'11	
morning max el	-1726 Sep 05 j 06:36	9°♌01'05	18°14'52
	-1726 Sep 19 j 15:53	0°♍	
morning set	-1726 Sep 23 j 21:47	7°♍00'49	
superior conj	-1726 Oct 08 j 11:00	0°♎35'42	0°08'43
minimum elong	-1726 Oct 08 j 12:06	0°♎40'04	0°08'34
behind sun begin	-1726 Oct 08 j 02:39	0°♎02'32	
behind sun end	-1726 Oct 08 j 21:33	1°♎17'35	
	-1726 Oct 08 j 02:01	0°♎	
desc. node	-1726 Oct 09 j 19:13	2°♎43'25	
max. Earth dist.	-1726 Oct 11 j 11:00	5°♎20'38	1.44811 AU
evening rise	-1726 Oct 25 j 01:10	26°♎36'41	
	-1726 Oct 27 j 05:24	0°♏	
greatest brilliancy	-1726 Nov 10 j 01:26	21°♏07'04	-0.7m
	-1726 Nov 16 j 16:59	0°♐	
evening max el	-1726 Nov 18 j 10:13	1°♐53'49	19°35'46
retrograde	-1726 Nov 25 j 17:52	6°♐08'52	
asc. node	-1726 Nov 25 j 21:43	6°♐08'43	
evening set	-1726 Nov 29 j 03:25	5°♐01'17	
	-1726 Dec 04 j 00:02	30°℞♏	
inferior conj	-1726 Dec 04 j 17:55	29°♏01'56	2°42'55
minimum elong	-1726 Dec 04 j 15:01	29°♏11'26	2°42'01
min. Earth dist.	-1726 Dec 05 j 20:45	27°♏34'23	0.66326 AU
morning rise	-1726 Dec 10 j 01:53	22°♏48'11	
direct	-1726 Dec 16 j 04:14	20°♏07'44	
morning max el	-1726 Dec 28 j 11:16	27°♏24'10	25°46'33
	-1726 Dec 30 j 22:16	0°♐	
desc. node	-1725 Jan 05 j 18:30	7°♐00'33	
	-1725 Jan 21 j 14:54	0°♑	
morning set	-1725 Feb 02 j 16:35	20°♑41'45	
max. Earth dist.	-1725 Feb 06 j 14:09	27°♑59'58	1.35910 AU
	-1725 Feb 07 j 15:07	0°♒	
superior conj	-1725 Feb 12 j 01:18	8°♒44'06	-1°-28'-25
minimum elong	-1725 Feb 12 j 04:50	9°♒01'49	1°28'00
evening rise	-1725 Feb 20 j 01:19	25°♒04'40	
asc. node	-1725 Feb 21 j 21:06	28°♒45'46	
	-1725 Feb 22 j 12:00	0°♓	
evening max el	-1725 Mar 09 j 23:34	24°♓00'48	20°05'32
retrograde	-1725 Mar 20 j 06:56	28°♓56'12	
evening set	-1725 Mar 22 j 11:23	28°♓43'52	
inferior conj	-1725 Mar 31 j 07:58	24°♓44'16	0°56'51
minimum elong	-1725 Mar 31 j 10:25	24°♓40'34	0°56'01
min. Earth dist.	-1725 Apr 02 j 06:54	23°♓33'40	0.55529 AU
desc. node	-1725 Apr 03 j 17:36	22°♓43'30	
morning rise	-1725 Apr 09 j 06:42	20°♓18'02	
direct	-1725 Apr 13 j 04:22	19°♓44'37	
morning max el	-1725 Apr 26 j 22:03	26°♓32'21	23°50'24
	-1725 Apr 30 j 05:32	0°♈	
	-1725 May 18 j 19:20	0°♉	
asc. node	-1725 May 20 j 20:27	4°♉13'37	
morning set	-1725 May 21 j 01:04	4°♉37'52	
superior conj	-1725 May 28 j 03:39	19°♉52'32	1°10'01
minimum elong	-1725 May 28 j 01:10	19°♉39'09	1°09'38
max. Earth dist.	-1725 May 30 j 04:04	24°♉11'45	1.33460 AU
	-1725 Jun 01 j 22:19	0°♊	
evening rise	-1725 Jun 04 j 15:38	5°♊33'29	
	-1725 Jun 18 j 02:12	0°♋	
desc. node	-1725 Jun 30 j 16:51	18°♋11'26	
evening max el	-1725 Jul 08 j 03:36	26°♋27'17	27°24'46
	-1725 Jul 12 j 07:28	0°♌	
retrograde	-1725 Jul 21 j 18:58	3°♌49'03	
evening set	-1725 Jul 28 j 22:57	1°♌08'21	
	-1725 Jul 30 j 08:50	30°℞♋	
min. Earth dist.	-1725 Aug 01 j 14:03	27°♋54'45	0.63725 AU
inferior conj	-1725 Aug 04 j 03:45	25°♋15'35	-3°-38'-51
minimum elong	-1725 Aug 04 j 08:05	25°♋04'22	3°37'46
morning rise	-1725 Aug 10 j 19:14	19°♋55'25	
direct	-1725 Aug 13 j 08:46	19°♋22'57	
asc. node	-1725 Aug 16 j 19:36	20°♋22'09	
morning max el	-1725 Aug 19 j 21:56	22°♋48'32	17°56'41
	-1725 Aug 25 j 13:01	0°♌	
morning set	-1725 Sep 05 j 19:22	18°♌49'19	
	-1725 Sep 12 j 07:40	0°♍	
superior conj	-1725 Sep 18 j 07:45	10°♍01'24	0°52'46
minimum elong	-1725 Sep 18 j 12:47	10°♍22'04	0°52'08
max. Earth dist.	-1725 Sep 24 j 03:28	19°♍27'42	1.44013 AU
desc. node	-1725 Sep 26 j 16:13	23°♍29'22	
	-1725 Sep 30 j 19:40	0°♎	
evening rise	-1725 Oct 04 j 08:43	5°♎29'53	
	-1725 Oct 20 j 16:00	0°♏	
greatest brilliancy	-1725 Oct 26 j 12:17	8°♏08'21	-0.5m
evening max el	-1725 Nov 01 j 12:37	15°♏20'47	20°36'45
retrograde	-1725 Nov 09 j 15:23	20°♏08'32	
asc. node	-1725 Nov 12 j 18:46	19°♏11'57	
evening set	-1725 Nov 13 j 10:17	18°♏45'59	
inferior conj	-1725 Nov 18 j 21:25	12°♏35'33	1°59'32
minimum elong	-1725 Nov 18 j 18:59	12°♏43'50	1°58'37
min. Earth dist.	-1725 Nov 19 j 12:01	11°♏45'57	0.67062 AU
morning rise	-1725 Nov 24 j 03:12	6°♏19'26	
direct	-1725 Nov 29 j 14:36	3°♏56'36	
morning max el	-1725 Dec 10 j 19:44	10°♏38'00	24°24'32
desc. node	-1725 Dec 23 j 15:32	26°♏20'48	
	-1725 Dec 26 j 06:01	0°♐	
	-1724 Jan 14 j 08:04	0°♑	
morning set	-1724 Jan 15 j 16:39	2°♑21'05	
max. Earth dist.	-1724 Jan 19 j 11:15	9°♑03'23	1.37815 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1724 Jan 26 j 08:35	21°♑55'51	-1°-46'-45
minimum elong	-1724 Jan 26 j 11:48	22°♑11'20	1°46'33
	-1724 Jan 30 j 11:43	0°♒	
evening rise	-1724 Feb 04 j 01:22	9°♒03'56	
asc. node	-1724 Feb 08 j 18:07	18°♒10'24	
	-1724 Feb 15 j 18:34	0°♓	
evening max el	-1724 Feb 20 j 18:15	6°♓01'15	19°07'00
retrograde	-1724 Feb 29 j 11:08	10°♓11'39	
evening set	-1724 Mar 02 j 17:55	9°♓55'40	
inferior conj	-1724 Mar 10 j 21:04	5°♓43'04	2°30'52
minimum elong	-1724 Mar 11 j 01:43	5°♓35'02	2°29'38
min. Earth dist.	-1724 Mar 13 j 22:29	3°♓37'27	0.56846 AU
morning rise	-1724 Mar 19 j 05:28	0°♓44'57	
desc. node	-1724 Mar 20 j 14:40	0°♓16'48	
	-1724 Mar 21 j 18:04	30°℞♒	
direct	-1724 Mar 24 j 07:13	29°♒44'34	
	-1724 Mar 26 j 20:29	0°♓	
morning max el	-1724 Apr 07 j 12:50	7°♓04'30	25°26'58
	-1724 Apr 24 j 08:51	0°♈	
morning set	-1724 May 04 j 13:03	19°♈37'47	
asc. node	-1724 May 06 j 17:30	24°♈16'45	
	-1724 May 09 j 08:50	0°♉	
superior conj	-1724 May 11 j 14:00	4°♉50'15	0°49'09
minimum elong	-1724 May 11 j 12:01	4°♉39'27	0°48'48
max. Earth dist.	-1724 May 12 j 13:03	6°♉55'50	1.32784 AU
evening rise	-1724 May 18 j 18:03	20°♉08'01	
	-1724 May 23 j 17:16	0°♊	
	-1724 Jun 11 j 09:43	0°♋	
desc. node	-1724 Jun 16 j 13:51	6°♋09'16	
evening max el	-1724 Jun 19 j 11:06	9°♋05'51	27°14'20
retrograde	-1724 Jul 03 j 08:27	16°♋25'45	
evening set	-1724 Jul 10 j 10:35	14°♋04'36	
min. Earth dist.	-1724 Jul 14 j 00:59	11°♋16'04	0.61908 AU
inferior conj	-1724 Jul 17 j 02:45	8°♋27'12	-4°-14'-37
minimum elong	-1724 Jul 17 j 06:17	8°♋19'05	4°14'04
morning rise	-1724 Jul 24 j 04:39	3°♋27'07	
direct	-1724 Jul 26 j 16:01	3°♋00'40	
morning max el	-1724 Aug 02 j 12:28	6°♋27'24	17°56'53
asc. node	-1724 Aug 02 j 16:42	6°♋37'51	
	-1724 Aug 17 j 16:00	0°♌	
morning set	-1724 Aug 18 j 13:21	1°♌36'52	
superior conj	-1724 Aug 29 j 07:59	20°♌48'47	1°24'04
minimum elong	-1724 Aug 29 j 12:50	21°♌09'45	1°23'37
	-1724 Sep 03 j 18:04	0°♍	
max. Earth dist.	-1724 Sep 05 j 15:37	3°♍08'14	1.42618 AU
evening rise	-1724 Sep 12 j 17:20	14°♍29'47	
desc. node	-1724 Sep 12 j 13:13	14°♍13'36	
	-1724 Sep 22 j 20:25	0°♎	
greatest brilliancy	-1724 Oct 09 j 13:13	23°♎18'09	-0.4m
evening max el	-1724 Oct 14 j 09:09	28°♎48'20	21°49'06
	-1724 Oct 15 j 14:28	0°♏	
retrograde	-1724 Oct 23 j 11:44	4°♏13'07	
evening set	-1724 Oct 27 j 18:11	2°♏33'22	
asc. node	-1724 Oct 29 j 15:49	0°♏44'35	
	-1724 Oct 30 j 07:19	30°℞♎	
inferior conj	-1724 Nov 02 j 03:33	26°♎15'23	1°10'51
minimum elong	-1724 Nov 02 j 01:58	26°♎20'50	1°10'11
min. Earth dist.	-1724 Nov 02 j 07:08	26°♎02'57	0.67466 AU
morning rise	-1724 Nov 07 j 09:30	19°♎59'35	
direct	-1724 Nov 12 j 05:36	17°♎58'20	
morning max el	-1724 Nov 22 j 05:26	23°♎55'13	22°57'12
greatest brilliancy	-1724 Nov 27 j 00:48	29°♎18'33	-0.3m
	-1724 Nov 27 j 14:23	0°♏	
desc. node	-1724 Dec 09 j 12:33	16°♏10'51	
	-1724 Dec 18 j 16:49	0°♐	
morning set	-1724 Dec 26 j 14:04	12°♐39'47	
max. Earth dist.	-1724 Dec 31 j 06:36	20°♐34'17	1.39918 AU
	-1723 Jan 05 j 15:20	0°♑	
superior conj	-1723 Jan 08 j 00:23	4°♑18'45	-1°-57'-36
minimum elong	-1723 Jan 08 j 01:49	4°♑25'17	1°57'37
evening rise	-1723 Jan 17 j 16:32	22°♑31'58	
	-1723 Jan 21 j 15:21	0°♒	
asc. node	-1723 Jan 25 j 15:07	7°♒08'41	
evening max el	-1723 Feb 02 j 21:42	18°♒34'04	18°28'22
retrograde	-1723 Feb 10 j 09:57	22°♒15'06	
evening set	-1723 Feb 12 j 20:55	21°♒52'42	
inferior conj	-1723 Feb 20 j 06:46	17°♒19'50	3°28'49
minimum elong	-1723 Feb 20 j 10:11	17°♒12'57	3°28'14
min. Earth dist.	-1723 Feb 23 j 16:52	14°♒36'14	0.58716 AU
morning rise	-1723 Feb 27 j 19:46	11°♒54'46	
direct	-1723 Mar 05 j 23:20	10°♒17'16	
desc. node	-1723 Mar 07 j 11:43	10°♒23'08	
morning max el	-1723 Mar 20 j 06:33	17°♒53'55	26°45'24
	-1723 Mar 30 j 08:35	0°♓	
	-1723 Apr 16 j 18:36	0°♈	
morning set	-1723 Apr 18 j 23:34	4°♈32'41	
asc. node	-1723 Apr 23 j 14:31	14°♈26'33	
superior conj	-1723 Apr 26 j 01:40	19°♈50'19	0°25'46
minimum elong	-1723 Apr 26 j 00:33	19°♈44'10	0°25'33
max. Earth dist.	-1723 Apr 26 j 01:46	19°♈50'52	1.32468 AU
	-1723 Apr 30 j 17:39	0°♉	
evening rise	-1723 May 03 j 01:41	4°♉57'06	
	-1723 May 16 j 11:06	0°♊	
evening max el	-1723 Jun 01 j 12:59	21°♊02'56	26°30'52
desc. node	-1723 Jun 03 j 10:53	22°♊46'38	
retrograde	-1723 Jun 15 j 13:43	28°♊19'06	
evening set	-1723 Jun 22 j 02:51	26°♊30'30	
min. Earth dist.	-1723 Jun 26 j 02:15	23°♊51'55	0.59883 AU
inferior conj	-1723 Jun 29 j 10:39	21°♊11'33	-4°-33'-13
minimum elong	-1723 Jun 29 j 11:39	21°♊09'30	4°33'10
morning rise	-1723 Jul 06 j 23:48	16°♊33'45	
direct	-1723 Jul 09 j 11:04	16°♊11'25	
morning max el	-1723 Jul 16 j 23:10	19°♊49'04	18°16'32
asc. node	-1723 Jul 20 j 13:46	23°♊59'02	
	-1723 Jul 24 j 13:40	0°♋	
morning set	-1723 Aug 01 j 22:13	15°♋08'04	
	-1723 Aug 09 j 20:03	0°♌	
superior conj	-1723 Aug 11 j 09:30	2°♌51'23	1°41'51
minimum elong	-1723 Aug 11 j 12:11	3°♌03'35	1°41'44
max. Earth dist.	-1723 Aug 18 j 22:31	16°♌09'42	1.40808 AU
evening rise	-1723 Aug 23 j 20:05	24°♌21'17	
	-1723 Aug 27 j 07:58	0°♍	
desc. node	-1723 Aug 30 j 10:13	4°♍52'11	
	-1723 Sep 16 j 17:55	0°♎	
greatest brilliancy	-1723 Sep 21 j 10:55	6°♎01'32	-0.2m
evening max el	-1723 Sep 27 j 00:27	12°♎16'52	23°08'14
retrograde	-1723 Oct 07 j 05:27	18°♎19'32	
evening set	-1723 Oct 12 j 01:23	16°♎20'59	
asc. node	-1723 Oct 16 j 12:53	11°♎12'56	
inferior conj	-1723 Oct 17 j 10:26	9°♎59'05	0°18'34
minimum elong	-1723 Oct 17 j 10:00	10°♎00'35	0°18'22
min. Earth dist.	-1723 Oct 17 j 03:39	10°♎22'24	0.67555 AU
morning rise	-1723 Oct 22 j 18:36	3°♎46'19	
direct	-1723 Oct 27 j 00:13	2°♎07'22	
morning max el	-1723 Nov 04 j 19:54	7°♎18'56	21°33'17
greatest brilliancy	-1723 Nov 09 j 21:22	13°♎06'44	-0.4m
	-1723 Nov 22 j 02:45	0°♏	
desc. node	-1723 Nov 26 j 09:34	6°♏21'48	
morning set	-1723 Dec 06 j 06:38	21°♏36'03	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1723 Dec 11 j 12:03	0°♐	
max. Earth dist.	-1723 Dec 13 j 07:34	2°♐58'38	1.41925 AU
superior conj	-1723 Dec 20 j 19:15	15°♐38'52	-1°-57'-5
minimum elong	-1723 Dec 20 j 17:05	15°♐29'25	1°57'04
	-1723 Dec 28 j 20:55	0°♑	
evening rise	-1723 Dec 31 j 19:20	5°♑20'56	
asc. node	-1722 Jan 12 j 12:09	25°♑32'13	
	-1722 Jan 15 j 21:08	0°♒	
evening max el	-1722 Jan 17 j 06:57	1°♒30'36	18°09'46
retrograde	-1722 Jan 24 j 02:20	4°♒58'23	
evening set	-1722 Jan 26 j 16:56	4°♒28'21	
	-1722 Feb 02 j 00:49	30°℞♑	
inferior conj	-1722 Feb 02 j 12:17	29°♑33'24	3°53'36
minimum elong	-1722 Feb 02 j 13:14	29°♑31'12	3°53'31
min. Earth dist.	-1722 Feb 05 j 17:14	26°♑35'36	0.60773 AU
morning rise	-1722 Feb 09 j 06:46	23°♑49'17	
direct	-1722 Feb 16 j 02:21	21°♑35'28	
desc. node	-1722 Feb 22 j 08:45	23°♑17'27	
morning max el	-1722 Mar 02 j 06:31	29°♑20'43	27°33'21
	-1722 Mar 02 j 22:16	0°♒	
	-1722 Mar 24 j 05:01	0°♓	
morning set	-1722 Apr 03 j 06:52	19°♓16'29	
	-1722 Apr 08 j 08:17	0°♈	
max. Earth dist.	-1722 Apr 09 j 14:29	2°♈44'08	1.32503 AU
asc. node	-1722 Apr 10 j 11:32	4°♈39'02	
superior conj	-1722 Apr 10 j 13:02	4°♈47'16	0°00'40
minimum elong	-1722 Apr 10 j 13:00	4°♈47'04	0°00'40
behind sun begin	-1722 Apr 10 j 07:58	4°♈19'32	
behind sun end	-1722 Apr 10 j 18:02	5°♈14'37	
evening rise	-1722 Apr 17 j 12:22	19°♈53'14	
	-1722 Apr 22 j 11:44	0°♉	
	-1722 May 12 j 02:30	0°♊	
evening max el	-1722 May 14 j 08:13	2°♊16'42	25°18'27
desc. node	-1722 May 21 j 07:55	7°♊31'52	
retrograde	-1722 May 28 j 09:09	9°♊26'29	
evening set	-1722 Jun 02 j 20:44	8°♊16'30	
min. Earth dist.	-1722 Jun 07 j 20:07	5°♊30'21	0.57878 AU
inferior conj	-1722 Jun 11 j 00:01	3°♊19'24	-4°-24'-24
minimum elong	-1722 Jun 10 j 20:59	3°♊24'41	4°24'06
	-1722 Jun 16 j 11:01	30°℞♉	
morning rise	-1722 Jun 19 j 01:09	29°♉03'49	
direct	-1722 Jun 21 j 13:34	28°♉44'33	
	-1722 Jun 26 j 09:03	0°♊	
morning max el	-1722 Jun 30 j 03:13	2°♊45'32	18°56'34
asc. node	-1722 Jul 07 j 10:50	12°♊11'42	
morning set	-1722 Jul 16 j 17:44	29°♊12'08	
	-1722 Jul 17 j 03:29	0°♋	
superior conj	-1722 Jul 25 j 06:46	15°♋54'17	1°48'05
minimum elong	-1722 Jul 25 j 07:08	15°♋56'02	1°48'07
max. Earth dist.	-1722 Aug 01 j 01:30	28°♋28'57	1.38821 AU
	-1722 Aug 01 j 21:54	0°♌	
evening rise	-1722 Aug 05 j 00:11	5°♌25'12	
desc. node	-1722 Aug 17 j 07:14	25°♌21'06	
	-1722 Aug 20 j 09:34	0°♍	
evening max el	-1722 Sep 09 j 12:28	25°♍48'15	24°28'03
	-1722 Sep 14 j 10:31	0°♎	
retrograde	-1722 Sep 20 j 19:34	2°♎24'55	
evening set	-1722 Sep 26 j 06:14	0°♎07'38	
	-1722 Sep 26 j 09:45	30°℞♍	
min. Earth dist.	-1722 Sep 30 j 23:10	24°♍43'11	0.67330 AU
inferior conj	-1722 Oct 01 j 16:24	23°♍45'27	0°-35'-44
minimum elong	-1722 Oct 01 j 17:16	23°♍42'33	0°35'23
asc. node	-1722 Oct 03 j 09:58	21°♍29'14	
morning rise	-1722 Oct 07 j 04:38	17°♍38'33	
direct	-1722 Oct 10 j 21:22	16°♍20'09	
morning max el	-1722 Oct 18 j 17:38	20°♍52'47	20°19'03
greatest brilliancy	-1722 Oct 25 j 09:50	28°♍56'22	-0.6m
	-1722 Oct 26 j 04:35	0°♎	
desc. node	-1722 Nov 13 j 06:36	26°♎47'49	
morning set	-1722 Nov 15 j 04:53	29°♎46'32	
	-1722 Nov 15 j 08:22	0°♏	
max. Earth dist.	-1722 Nov 25 j 16:16	16°♏16'09	1.43555 AU
superior conj	-1722 Dec 01 j 12:05	25°♏44'42	-1°-40'-56
minimum elong	-1722 Dec 01 j 05:37	25°♏18'06	1°40'29
	-1722 Dec 04 j 01:37	0°♐	
evening rise	-1722 Dec 14 j 05:40	17°♐22'40	
	-1722 Dec 21 j 13:01	0°♑	
asc. node	-1722 Dec 30 j 09:11	13°♑10'14	
evening max el	-1722 Dec 31 j 19:06	14°♑42'33	18°10'39
retrograde	-1721 Jan 07 j 07:46	18°♑10'27	
evening set	-1721 Jan 10 j 02:02	17°♑31'55	
inferior conj	-1721 Jan 16 j 10:05	12°♑15'59	3°53'17
minimum elong	-1721 Jan 16 j 08:53	12°♑19'08	3°53'10
min. Earth dist.	-1721 Jan 19 j 02:29	9°♑26'44	0.62734 AU
morning rise	-1721 Jan 22 j 13:48	6°♑19'02	
direct	-1721 Jan 29 j 14:22	3°♑39'17	
desc. node	-1721 Feb 09 j 05:49	8°♑29'54	
morning max el	-1721 Feb 12 j 12:20	11°♑28'25	27°44'51
	-1721 Feb 27 j 04:29	0°♒	
	-1721 Mar 16 j 12:26	0°♓	
morning set	-1721 Mar 18 j 08:40	3°♓40'28	
max. Earth dist.	-1721 Mar 23 j 23:03	15°♓19'51	1.32905 AU
superior conj	-1721 Mar 25 j 22:19	19°♓33'54	0°-25'-19
minimum elong	-1721 Mar 25 j 23:30	19°♓40'16	0°25'06
asc. node	-1721 Mar 28 j 08:34	24°♓49'22	
	-1721 Mar 30 j 18:02	0°♈	
evening rise	-1721 Apr 02 j 00:07	4°♈48'19	
	-1721 Apr 15 j 14:43	0°♉	
evening max el	-1721 Apr 25 j 23:20	12°♉59'40	23°47'51
desc. node	-1721 May 08 j 04:59	19°♉47'18	
retrograde	-1721 May 09 j 16:53	19°♉52'25	
evening set	-1721 May 13 j 18:47	19°♉15'35	
min. Earth dist.	-1721 May 20 j 10:18	16°♉07'09	0.56208 AU
inferior conj	-1721 May 22 j 17:11	14°♉43'44	-3°-36'-42
minimum elong	-1721 May 22 j 10:47	14°♉53'31	3°35'16
morning rise	-1721 May 31 j 06:32	10°♉44'46	
direct	-1721 Jun 02 j 20:36	10°♉27'42	
morning max el	-1721 Jun 12 j 21:57	15°♉06'51	19°57'20
	-1721 Jun 23 j 17:42	0°♊	
asc. node	-1721 Jun 24 j 07:53	1°♊03'09	
morning set	-1721 Jun 30 j 20:41	13°♊39'47	
superior conj	-1721 Jul 08 j 18:18	29°♊41'15	1°45'17
minimum elong	-1721 Jul 08 j 16:58	29°♊34'34	1°45'15
	-1721 Jul 08 j 22:03	0°♋	
max. Earth dist.	-1721 Jul 14 j 05:16	10°♋19'27	1.36912 AU
evening rise	-1721 Jul 18 j 03:56	17°♋38'23	
	-1721 Jul 25 j 06:29	0°♌	
desc. node	-1721 Aug 04 j 04:17	15°♌34'46	
	-1721 Aug 14 j 16:27	0°♍	
evening max el	-1721 Aug 22 j 23:30	9°♍22'18	25°41'21
retrograde	-1721 Sep 04 j 05:23	16°♍24'20	
evening set	-1721 Sep 10 j 06:53	13°♍50'55	
min. Earth dist.	-1721 Sep 14 j 15:23	9°♍02'54	0.66775 AU
inferior conj	-1721 Sep 15 j 19:42	7°♍32'17	-1°-30'-29
minimum elong	-1721 Sep 15 j 21:55	7°♍25'12	1°29'35
asc. node	-1721 Sep 20 j 07:02	2°♍30'49	
morning rise	-1721 Sep 21 j 13:39	1°♍34'11	
direct	-1721 Sep 24 j 19:40	0°♍33'08	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1721 Oct 01 j 22:45	4°♍35'54	19°18'18
greatest brilliancy	-1721 Oct 12 j 04:53	18°♍05'39	-0.7m
	-1721 Oct 19 j 23:49	0°♎	
morning set	-1721 Oct 25 j 08:12	8°♎19'43	
desc. node	-1721 Oct 31 j 03:38	17°♎24'22	
	-1721 Nov 08 j 04:02	0°♏	
max. Earth dist.	-1721 Nov 08 j 06:53	0°♏11'13	1.44601 AU
superior conj	-1721 Nov 11 j 02:47	4°♏40'13	-1°-7'-4
minimum elong	-1721 Nov 10 j 19:19	4°♏10'33	1°06'15
evening rise	-1721 Nov 25 j 19:07	28°♏29'03	
	-1721 Nov 26 j 17:05	0°♐	
evening max el	-1721 Dec 15 j 07:25	28°♐04'07	18°30'11
asc. node	-1721 Dec 17 j 06:15	29°♐49'52	
	-1721 Dec 17 j 11:35	0°♑	
retrograde	-1721 Dec 21 j 21:50	1°♑42'58	
evening set	-1721 Dec 24 j 20:43	0°♑54'42	
	-1721 Dec 26 j 06:11	30°℞♐	
inferior conj	-1721 Dec 30 j 20:14	25°♐19'54	3°35'12
minimum elong	-1721 Dec 30 j 17:45	25°♐27'10	3°34'46
min. Earth dist.	-1720 Jan 01 j 21:38	22°♐55'54	0.64421 AU
morning rise	-1720 Jan 05 j 13:26	19°♐14'22	
direct	-1720 Jan 12 j 10:01	16°♐23'30	
morning max el	-1720 Jan 25 j 21:23	24°♐09'06	27°20'49
desc. node	-1720 Jan 27 j 02:52	25°♐24'28	
	-1720 Jan 31 j 04:40	0°♑	
	-1720 Feb 20 j 12:46	0°♒	
morning set	-1720 Mar 01 j 02:14	17°♒35'24	
max. Earth dist.	-1720 Mar 05 j 23:23	27°♒25'00	1.33719 AU
	-1720 Mar 07 j 05:14	0°♓	
superior conj	-1720 Mar 09 j 03:43	4°♓04'19	0°-51'-12
minimum elong	-1720 Mar 09 j 06:04	4°♓16'45	0°50'47
asc. node	-1720 Mar 14 j 05:36	14°♓53'20	
evening rise	-1720 Mar 16 j 11:11	19°♓36'10	
	-1720 Mar 21 j 14:49	0°♈	
evening max el	-1720 Apr 06 j 16:46	23°♈39'55	22°13'27
retrograde	-1720 Apr 19 j 12:24	29°♈56'03	
evening set	-1720 Apr 22 j 09:01	29°♈38'00	
desc. node	-1720 Apr 24 j 02:01	29°♈11'02	
min. Earth dist.	-1720 Apr 30 j 23:51	25°♈55'11	0.55222 AU
inferior conj	-1720 May 01 j 17:42	25°♈29'57	-2°-6'-12
minimum elong	-1720 May 01 j 12:12	25°♈37'44	2°04'26
morning rise	-1720 May 10 j 17:06	21°♈34'09	
direct	-1720 May 13 j 12:07	21°♈16'31	
morning max el	-1720 May 25 j 05:44	26°♈46'24	21°17'33
	-1720 May 28 j 07:50	0°♉	
asc. node	-1720 Jun 10 j 04:56	20°♉23'54	
morning set	-1720 Jun 14 j 04:35	28°♉24'24	
	-1720 Jun 14 j 23:04	0°♊	
superior conj	-1720 Jun 21 j 15:52	13°♊59'43	1°35'32
minimum elong	-1720 Jun 21 j 13:35	13°♊47'51	1°35'21
max. Earth dist.	-1720 Jun 25 j 16:02	22°♊09'27	1.35283 AU
	-1720 Jun 29 j 16:20	0°♋	
evening rise	-1720 Jun 30 j 02:29	0°♋48'18	
	-1720 Jul 17 j 07:49	0°♌	
desc. node	-1720 Jul 21 j 01:20	5°♌25'51	
evening max el	-1720 Aug 04 j 11:03	22°♌54'57	26°40'06
	-1720 Aug 15 j 14:22	0°♍	
retrograde	-1720 Aug 17 j 10:10	0°♍11'01	
	-1720 Aug 19 j 04:30	30°℞♌	
evening set	-1720 Aug 24 j 01:06	27°♌27'16	
min. Earth dist.	-1720 Aug 28 j 01:51	23°♌17'10	0.65878 AU
inferior conj	-1720 Aug 29 j 18:20	21°♌16'01	-2°-23'-50
minimum elong	-1720 Aug 29 j 21:45	21°♌05'45	2°22'36
morning rise	-1720 Sep 04 j 19:33	15°♌29'50	

asc. node	-1720 Sep 06 j 04:07	14°♌55'56	
direct	-1720 Sep 07 j 17:15	14°♌42'27	
morning max el	-1720 Sep 14 j 09:40	18°♌24'11	18°33'10
	-1720 Sep 23 j 02:45	0°♍	
morning set	-1720 Oct 04 j 11:28	18°♍05'57	
	-1720 Oct 11 j 21:46	0°♎	
desc. node	-1720 Oct 17 j 00:41	8°♎07'06	
superior conj	-1720 Oct 20 j 03:04	13°♎00'19	0°-19'-57
minimum elong	-1720 Oct 20 j 00:25	12°♎49'54	0°19'37
max. Earth dist.	-1720 Oct 21 j 00:45	14°♎25'39	1.44946 AU
	-1720 Oct 30 j 22:17	0°♏	
evening rise	-1720 Nov 05 j 08:23	8°♏34'08	
	-1720 Nov 19 j 00:31	0°♐	
evening max el	-1720 Nov 27 j 17:28	11°♐30'08	19°07'14
asc. node	-1720 Dec 03 j 03:18	15°♐15'39	
retrograde	-1720 Dec 04 j 16:50	15°♐29'18	
evening set	-1720 Dec 07 j 21:58	14°♐29'23	
inferior conj	-1720 Dec 13 j 15:13	8°♐38'21	3°04'40
minimum elong	-1720 Dec 13 j 12:16	8°♐47'39	3°03'54
min. Earth dist.	-1720 Dec 15 j 01:56	6°♐48'57	0.65745 AU
morning rise	-1720 Dec 19 j 01:40	2°♐27'04	
	-1720 Dec 23 j 04:36	30°℞♏	
direct	-1720 Dec 25 j 11:54	29°♏39'25	
	-1720 Dec 27 j 21:57	0°♐	
morning max el	-1719 Jan 07 j 06:53	7°♐09'55	26°27'15
desc. node	-1719 Jan 12 j 23:55	13°♐31'19	
	-1719 Jan 25 j 01:36	0°♑	
	-1719 Feb 11 j 21:15	0°♒	
morning set	-1719 Feb 12 j 07:47	0°♒49'25	
max. Earth dist.	-1719 Feb 16 j 12:25	8°♒54'23	1.34983 AU
superior conj	-1719 Feb 21 j 02:56	18°♒11'16	-1°-15'-40
minimum elong	-1719 Feb 21 j 06:11	18°♒27'59	1°15'11
	-1719 Feb 26 j 19:21	0°♓	
evening rise	-1719 Feb 28 j 19:40	4°♓10'28	
asc. node	-1719 Mar 01 j 02:39	4°♓46'22	
	-1719 Mar 15 j 13:48	0°♈	
evening max el	-1719 Mar 19 j 18:36	4°♈43'41	20°47'45
retrograde	-1719 Mar 31 j 01:25	10°♈08'29	
evening set	-1719 Apr 02 j 07:58	9°♈56'12	
desc. node	-1719 Apr 10 j 23:02	6°♈17'58	
inferior conj	-1719 Apr 11 j 12:24	5°♈58'53	0°-9'-26
minimum elong	-1719 Apr 11 j 11:57	5°♈59'31	0°09'17
transit middle	-1719 Apr 11 j 11:57	5°♈59'31	0°09'17
transit begin	-1719 Apr 11 j 08:39	6°♈04'15	
transit end	-1719 Apr 11 j 15:16	5°♈54'47	
min. Earth dist.	-1719 Apr 12 j 13:34	5°♈22'53	0.55147 AU
morning rise	-1719 Apr 20 j 14:38	1°♈48'29	
direct	-1719 Apr 23 j 23:40	1°♈23'46	
morning max el	-1719 May 07 j 03:18	7°♈45'46	22°52'37
	-1719 May 22 j 21:46	0°♉	
asc. node	-1719 May 28 j 02:00	10°♉06'28	
morning set	-1719 May 29 j 15:28	13°♉20'23	
superior conj	-1719 Jun 05 j 20:18	28°♉40'12	1°20'32
minimum elong	-1719 Jun 05 j 17:43	28°♉26'29	1°20'13
	-1719 Jun 06 j 11:20	0°♊	
max. Earth dist.	-1719 Jun 08 j 12:52	4°♊20'41	1.34018 AU
evening rise	-1719 Jun 13 j 14:57	14°♊41'10	
	-1719 Jun 21 j 20:18	0°♋	
desc. node	-1719 Jul 07 j 22:20	24°♋44'58	
	-1719 Jul 12 j 02:45	0°♌	
evening max el	-1719 Jul 17 j 22:45	6°♌17'26	27°16'33
retrograde	-1719 Jul 31 j 09:20	13°♌38'03	
evening set	-1719 Aug 07 j 10:14	10°♌53'01	
min. Earth dist.	-1719 Aug 11 j 04:18	7°♌20'03	0.64618 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1719 Aug 13 j 10:03	4°♌52'47	-3°-13'-21
minimum elong	-1719 Aug 13 j 14:17	4°♌41'11	3°12'06
	-1719 Aug 18 j 16:18	30°℞♋	
morning rise	-1719 Aug 19 j 19:57	29°♋21'56	
direct	-1719 Aug 22 j 11:51	28°♋44'46	
asc. node	-1719 Aug 24 j 01:10	28°♋57'30	
	-1719 Aug 26 j 07:36	0°♌	
morning max el	-1719 Aug 29 j 00:08	2°♌13'47	18°04'55
morning set	-1719 Sep 15 j 18:49	29°♌14'22	
	-1719 Sep 16 j 05:40	0°♍	
superior conj	-1719 Sep 29 j 10:59	21°♍47'14	0°28'40
minimum elong	-1719 Sep 29 j 14:18	22°♍00'33	0°28'13
desc. node	-1719 Oct 03 j 21:43	28°♍53'05	
max. Earth dist.	-1719 Oct 03 j 19:08	28°♍42'48	1.44559 AU
	-1719 Oct 04 j 14:38	0°♎	
evening rise	-1719 Oct 15 j 23:50	17°♎46'23	
	-1719 Oct 23 j 22:51	0°♏	
greatest brilliancy	-1719 Nov 03 j 19:18	16°♏02'38	-0.6m
evening max el	-1719 Nov 10 j 23:09	24°♏57'44	20°00'05
retrograde	-1719 Nov 18 j 14:04	29°♏25'23	
asc. node	-1719 Nov 20 j 00:20	29°♏13'39	
evening set	-1719 Nov 22 j 03:24	28°♏11'37	
inferior conj	-1719 Nov 27 j 16:17	22°♏07'18	2°25'16
minimum elong	-1719 Nov 27 j 13:31	22°♏16'30	2°24'19
min. Earth dist.	-1719 Nov 28 j 13:43	20°♏56'00	0.66690 AU
morning rise	-1719 Dec 02 j 23:02	15°♏52'30	
direct	-1719 Dec 08 j 19:17	13°♏18'47	
morning max el	-1719 Dec 20 j 15:37	20°♏21'00	25°12'54
	-1719 Dec 28 j 23:15	0°♐	
desc. node	-1719 Dec 30 j 20:58	2°♐29'23	
	-1718 Jan 18 j 05:38	0°♑	
morning set	-1718 Jan 25 j 20:21	13°♑08'03	
max. Earth dist.	-1718 Jan 29 j 14:22	20°♑00'26	1.36687 AU
	-1718 Feb 03 j 19:30	0°♒	
superior conj	-1718 Feb 04 j 17:06	1°♒46'22	-1°-36'-55
minimum elong	-1718 Feb 04 j 20:38	2°♒03'49	1°36'34
evening rise	-1718 Feb 12 j 23:31	18°♒24'55	
asc. node	-1718 Feb 15 j 23:40	24°♒23'20	
	-1718 Feb 18 j 22:35	0°♓	
evening max el	-1718 Mar 02 j 07:13	16°♓23'06	19°38'11
retrograde	-1718 Mar 11 j 21:01	20°♓57'31	
evening set	-1718 Mar 14 j 02:10	20°♓43'56	
inferior conj	-1718 Mar 22 j 15:35	16°♓39'54	1°40'51
minimum elong	-1718 Mar 22 j 19:28	16°♓33'44	1°39'37
min. Earth dist.	-1718 Mar 25 j 03:50	15°♓04'48	0.56004 AU
desc. node	-1718 Mar 28 j 20:04	13°♓02'09	
morning rise	-1718 Mar 31 j 09:21	12°♓00'38	
direct	-1718 Apr 04 j 18:43	11°♓17'29	
morning max el	-1718 Apr 18 j 18:47	18°♓20'13	24°32'48
	-1718 Apr 28 j 10:07	0°♈	
morning set	-1718 May 14 j 03:32	28°♈20'57	
asc. node	-1718 May 14 j 23:02	0°♉03'48	
	-1718 May 14 j 22:19	0°♉	
superior conj	-1718 May 21 j 05:04	13°♉33'43	1°01'32
minimum elong	-1718 May 21 j 02:45	13°♉21'08	1°01'09
max. Earth dist.	-1718 May 22 j 18:25	16°♉55'29	1.33130 AU
evening rise	-1718 May 28 j 13:11	29°♉03'33	
	-1718 May 29 j 00:20	0°♊	
	-1718 Jun 14 j 23:42	0°♋	
desc. node	-1718 Jun 24 j 19:20	13°♋17'47	
evening max el	-1718 Jun 30 j 08:25	19°♋15'24	27°24'21
retrograde	-1718 Jul 14 j 02:15	26°♋35'49	
evening set	-1718 Jul 21 j 06:50	24°♋01'45	
min. Earth dist.	-1718 Jul 24 j 20:53	21°♋00'26	0.62994 AU
inferior conj	-1718 Jul 27 j 16:03	18°♋15'31	-3°-55'-35
minimum elong	-1718 Jul 27 j 20:13	18°♋05'14	3°54'43
morning rise	-1718 Aug 03 j 11:50	13°♋03'30	
direct	-1718 Aug 06 j 00:19	12°♋33'43	
asc. node	-1718 Aug 10 j 22:15	14°♋28'08	
morning max el	-1718 Aug 12 j 15:26	15°♋58'20	17°54'29
	-1718 Aug 22 j 11:50	0°♌	
morning set	-1718 Aug 29 j 01:48	11°♌30'08	
	-1718 Sep 08 j 17:44	0°♍	
superior conj	-1718 Sep 09 j 19:07	1°♍46'47	1°07'45
minimum elong	-1718 Sep 10 j 00:29	2°♍09'15	1°07'09
max. Earth dist.	-1718 Sep 16 j 10:31	12°♍42'26	1.43489 AU
desc. node	-1718 Sep 20 j 18:44	19°♍38'44	
evening rise	-1718 Sep 25 j 05:24	26°♍36'14	
	-1718 Sep 27 j 10:12	0°♎	
	-1718 Oct 17 j 22:59	0°♏	
greatest brilliancy	-1718 Oct 19 j 13:51	2°♏06'58	-0.5m
evening max el	-1718 Oct 24 j 23:03	8°♏24'51	21°06'20
retrograde	-1718 Nov 02 j 11:18	13°♏27'50	
evening set	-1718 Nov 06 j 10:57	11°♏57'58	
asc. node	-1718 Nov 06 j 21:23	11°♏37'07	
inferior conj	-1718 Nov 11 j 21:08	5°♏43'46	1°39'26
minimum elong	-1718 Nov 11 j 19:01	5°♏51'01	1°38'35
min. Earth dist.	-1718 Nov 12 j 06:50	5°♏10'28	0.67274 AU
	-1718 Nov 16 j 12:40	30°℞♎	
morning rise	-1718 Nov 17 j 02:44	29°♎27'40	
direct	-1718 Nov 22 j 07:32	27°♎14'00	
	-1718 Nov 28 j 22:57	0°♏	
morning max el	-1718 Dec 03 j 00:23	3°♏36'47	23°47'36
desc. node	-1718 Dec 17 j 18:02	22°♏03'45	
	-1718 Dec 23 j 05:02	0°♐	
morning set	-1717 Jan 07 j 09:50	24°♐15'15	
	-1717 Jan 10 j 17:30	0°♑	
max. Earth dist.	-1717 Jan 11 j 10:16	1°♑13'56	1.38700 AU
superior conj	-1717 Jan 18 j 18:27	14°♑39'26	-1°-52'-29
minimum elong	-1717 Jan 18 j 21:07	14°♑52'02	1°52'23
	-1717 Jan 26 j 17:03	0°♒	
evening rise	-1717 Jan 27 j 20:13	2°♒12'46	
asc. node	-1717 Feb 02 j 20:42	13°♒38'24	
evening max el	-1717 Feb 13 j 05:55	28°♒38'36	18°48'04
	-1717 Feb 14 j 19:10	0°♓	
retrograde	-1717 Feb 21 j 09:22	2°♓34'58	
evening set	-1717 Feb 23 j 17:51	2°♓16'31	
	-1717 Feb 28 j 14:08	30°℞♒	
inferior conj	-1717 Mar 03 j 13:20	27°♒55'26	2°59'55
minimum elong	-1717 Mar 03 j 17:46	27°♒47'16	2°58'55
min. Earth dist.	-1717 Mar 06 j 20:17	25°♒31'14	0.57590 AU
morning rise	-1717 Mar 11 j 13:42	22°♒44'47	
desc. node	-1717 Mar 15 j 17:07	21°♒34'34	
direct	-1717 Mar 17 j 02:59	21°♒29'40	
morning max el	-1717 Mar 31 j 10:29	28°♒57'58	26°03'28
	-1717 Apr 01 j 11:26	0°♓	
	-1717 Apr 21 j 22:33	0°♈	
morning set	-1717 Apr 28 j 15:09	13°♈20'17	
asc. node	-1717 May 01 j 20:04	20°♈10'51	
superior conj	-1717 May 05 j 16:13	28°♈33'42	0°39'30
minimum elong	-1717 May 05 j 14:34	28°♈24'39	0°39'12
max. Earth dist.	-1717 May 06 j 05:32	29°♈46'33	1.32608 AU
	-1717 May 06 j 08:00	0°♉	
evening rise	-1717 May 12 j 18:08	13°♉45'34	
	-1717 May 21 j 02:18	0°♊	
	-1717 Jun 10 j 22:38	0°♋	
desc. node	-1717 Jun 11 j 16:20	0°♋44'51	
evening max el	-1717 Jun 12 j 13:34	1°♋36'36	26°59'37

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

retrograde	-1717 Jun 26 j 12:25	8°♋55'22		
evening set	-1717 Jul 03 j 10:46	6°♋46'20		
min. Earth dist.	-1717 Jul 07 j 03:17	4°♋04'28	0.61068 AU	
inferior conj	-1717 Jul 10 j 09:02	1°♋16'28	-4°-25'-7	
minimum elong	-1717 Jul 10 j 11:44	1°♋10'36	4°24'50	
	-1717 Jul 11 j 20:55	30°℞♊		
morning rise	-1717 Jul 17 j 15:41	26°♊26'04		
direct	-1717 Jul 20 j 02:51	26°♊01'32		
morning max el	-1717 Jul 27 j 04:44	29°♊31'14	18°02'50	
	-1717 Jul 27 j 16:18	0°♋		
asc. node	-1717 Jul 28 j 19:19	1°♋13'37		
morning set	-1717 Aug 12 j 02:38	24°♋37'29		
	-1717 Aug 15 j 00:25	0°♌		
superior conj	-1717 Aug 22 j 06:43	13°♌08'03	1°33'11	
minimum elong	-1717 Aug 22 j 10:45	13°♌25'53	1°32'53	
max. Earth dist.	-1717 Aug 29 j 20:19	26°♌07'04	1.41884 AU	
	-1717 Sep 01 j 04:42	0°♍		
evening rise	-1717 Sep 04 j 20:00	5°♍53'00		
desc. node	-1717 Sep 07 j 15:43	10°♍20'55		
	-1717 Sep 20 j 17:10	0°♎		
greatest brilliancy	-1717 Oct 02 j 23:09	16°♎31'35	-0.3m	
evening max el	-1717 Oct 07 j 17:00	21°♎51'50	22°22'15	
retrograde	-1717 Oct 17 j 06:48	27°♎33'31		
evening set	-1717 Oct 21 j 18:46	25°♎45'47		
asc. node	-1717 Oct 24 j 18:27	22°♎37'28		
inferior conj	-1717 Oct 27 j 03:47	19°♎25'23	0°49'01	
minimum elong	-1717 Oct 27 j 02:40	19°♎29'16	0°48'31	
min. Earth dist.	-1717 Oct 27 j 02:52	19°♎28'34	0.67535 AU	
morning rise	-1717 Nov 01 j 10:26	13°♎10'29		
direct	-1717 Nov 06 j 00:06	11°♎19'02		
morning max el	-1717 Nov 15 j 11:50	16°♎56'47	22°20'43	
greatest brilliancy	-1717 Nov 20 j 03:56	22°♎12'10	-0.3m	
	-1717 Nov 26 j 03:59	0°♏		
desc. node	-1717 Dec 04 j 15:03	12°♏03'27		
	-1717 Dec 16 j 07:36	0°♐		
morning set	-1717 Dec 18 j 18:45	3°♐57'44		
max. Earth dist.	-1717 Dec 24 j 07:16	13°♐05'29	1.40791 AU	
superior conj	-1716 Jan 01 j 01:59	26°♐36'55	-1°-59'-2	
minimum elong	-1716 Jan 01 j 02:06	26°♐37'24	1°59'05	
	-1716 Jan 02 j 23:03	0°♑		
evening rise	-1716 Jan 11 j 06:37	15°♑25'16		
	-1716 Jan 19 j 07:05	0°♒		
asc. node	-1716 Jan 20 j 17:44	2°♒23'22		
evening max el	-1716 Jan 27 j 12:11	11°♒22'29	18°18'04	
retrograde	-1716 Feb 03 j 16:08	14°♒56'21		
evening set	-1716 Feb 06 j 04:32	14°♒30'59		
inferior conj	-1716 Feb 13 j 07:51	9°♒48'57	3°42'53	
minimum elong	-1716 Feb 13 j 10:15	9°♒43'48	3°42'35	
min. Earth dist.	-1716 Feb 16 j 17:09	6°♒56'00	0.59580 AU	
morning rise	-1716 Feb 20 j 12:35	4°♒14'31		
direct	-1716 Feb 27 j 00:12	2°♒20'39		
desc. node	-1716 Mar 01 j 14:11	2°♒53'54		
morning max el	-1716 Mar 12 j 06:53	10°♒02'38	27°09'59	
	-1716 Mar 27 j 16:11	0°♓		
morning set	-1716 Apr 12 j 00:33	28°♓11'28		
	-1716 Apr 12 j 21:18	0°♈		
asc. node	-1716 Apr 17 j 17:06	10°♈22'27		
superior conj	-1716 Apr 19 j 03:59	13°♈33'20	0°15'18	
minimum elong	-1716 Apr 19 j 03:18	13°♈29'35	0°15'10	
behind sun begin	-1716 Apr 19 j 01:54	13°♈21'54		
behind sun end	-1716 Apr 19 j 04:42	13°♈37'17		
max. Earth dist.	-1716 Apr 18 j 18:35	12°♈41'49	1.32437 AU	
evening rise	-1716 Apr 26 j 03:18	28°♈38'24		
	-1716 Apr 26 j 18:54	0°♉		
	-1716 May 13 j 14:46	0°♊		
evening max el	-1716 May 24 j 12:26	13°♊14'23	26°03'04	
desc. node	-1716 May 28 j 13:21	16°♊38'55		
retrograde	-1716 Jun 07 j 14:13	20°♊29'22		
evening set	-1716 Jun 13 j 17:45	18°♊56'57		
min. Earth dist.	-1716 Jun 18 j 01:10	16°♊17'06	0.59007 AU	
inferior conj	-1716 Jun 21 j 09:25	13°♊46'26	-4°-33'-35	
minimum elong	-1716 Jun 21 j 08:50	13°♊47'32	4°33'32	
morning rise	-1716 Jun 29 j 03:38	9°♊18'29		
direct	-1716 Jul 01 j 15:05	8°♊57'44		
morning max el	-1716 Jul 09 j 13:03	12°♊43'54	18°31'02	
asc. node	-1716 Jul 14 j 16:23	18°♊58'33		
	-1716 Jul 21 j 06:03	0°♋		
morning set	-1716 Jul 25 j 16:31	8°♋23'56		
superior conj	-1716 Aug 03 j 17:23	25°♋38'46	1°45'45	
minimum elong	-1716 Aug 03 j 19:02	25°♋46'27	1°45'43	
	-1716 Aug 06 j 02:07	0°♌		
max. Earth dist.	-1716 Aug 11 j 00:40	8°♌48'17	1.39964 AU	
evening rise	-1716 Aug 15 j 09:21	16°♌15'02		
	-1716 Aug 23 j 22:13	0°♍		
desc. node	-1716 Aug 24 j 12:44	0°♍56'11		
	-1716 Sep 14 j 09:45	0°♎		
evening max el	-1716 Sep 19 j 06:35	5°♎21'39	23°42'33	
retrograde	-1716 Sep 29 j 23:13	11°♎40'10		
evening set	-1716 Oct 05 j 01:11	9°♎33'43		
inferior conj	-1716 Oct 10 j 10:31	3°♎11'06	0°-4'-18	
minimum elong	-1716 Oct 10 j 10:37	3°♎10'45	0°04'16	
transit middle	-1716 Oct 10 j 10:37	3°♎10'45	0°04'16	
transit begin	-1716 Oct 10 j 08:00	3°♎19'41		
transit end	-1716 Oct 10 j 13:14	3°♎01'49		
min. Earth dist.	-1716 Oct 09 j 23:23	3°♎49'06	0.67492 AU	
asc. node	-1716 Oct 10 j 15:31	2°♎54'01		
	-1716 Oct 12 j 20:43	30°℞♍		
morning rise	-1716 Oct 15 j 20:11	27°♍00'11		
direct	-1716 Oct 19 j 20:02	25°♍30'16		
	-1716 Oct 27 j 19:17	0°♎		
morning max el	-1716 Oct 28 j 05:10	0°♎24'45	21°00'12	
greatest brilliancy	-1716 Nov 02 j 20:26	6°♎59'50	-0.5m	
	-1716 Nov 18 j 22:42	0°♏		
desc. node	-1716 Nov 20 j 12:06	2°♏21'42		
morning set	-1716 Nov 27 j 01:13	12°♏27'18		
max. Earth dist.	-1716 Dec 05 j 10:55	25°♏51'22	1.42676 AU	
	-1716 Dec 07 j 23:33	0°♐		
superior conj	-1716 Dec 12 j 10:16	7°♐26'31	-1°-52'-21	
minimum elong	-1716 Dec 12 j 06:12	7°♐09'14	1°52'12	
evening rise	-1716 Dec 24 j 02:56	27°♐54'52		
	-1716 Dec 25 j 06:53	0°♑		
asc. node	-1715 Jan 06 j 14:47	20°♑29'03		
evening max el	-1715 Jan 09 j 23:04	24°♑26'39	18°07'52	
retrograde	-1715 Jan 16 j 14:24	27°♑52'42		
evening set	-1715 Jan 19 j 06:32	27°♑19'12		
inferior conj	-1715 Jan 25 j 20:45	22°♑15'26	3°55'59	
minimum elong	-1715 Jan 25 j 20:41	22°♑15'34	3°55'57	
min. Earth dist.	-1715 Jan 28 j 21:05	19°♑18'34	0.61637 AU	
morning rise	-1715 Feb 01 j 08:26	16°♑25'21		
direct	-1715 Feb 08 j 07:37	13°♑58'28		
desc. node	-1715 Feb 16 j 11:15	16°♑50'55		
morning max el	-1715 Feb 22 j 09:20	21°♑46'16	27°42'39	
	-1715 Mar 01 j 14:55	0°♒		
	-1715 Mar 20 j 16:35	0°♓		
morning set	-1715 Mar 27 j 05:47	12°♓47'31		
max. Earth dist.	-1715 Apr 02 j 05:48	25°♓28'06	1.32626 AU	
superior conj	-1715 Apr 03 j 14:41	28°♓26'40	0°-10'-18	
minimum elong	-1715 Apr 03 j 15:10	28°♓29'15	0°10'13	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

behind sun begin	-1715 Apr 03 j 11:14	28°♓07'53	
behind sun end	-1715 Apr 03 j 19:05	28°♓50'38	
	-1715 Apr 04 j 07:49	0°♈	
asc. node	-1715 Apr 04 j 14:08	0°♈34'30	
evening rise	-1715 Apr 10 j 14:39	13°♈34'47	
	-1715 Apr 18 j 22:29	0°♉	
evening max el	-1715 May 06 j 05:31	24°♉13'03	24°41'23
	-1715 May 14 j 09:32	0°♊	
desc. node	-1715 May 15 j 10:24	0°♊24'51	
retrograde	-1715 May 20 j 04:54	1°♊17'09	
evening set	-1715 May 25 j 02:18	0°♊22'59	
	-1715 May 26 j 01:44	30°℞♉	
min. Earth dist.	-1715 May 30 j 17:20	27°♉28'39	0.57103 AU
inferior conj	-1715 Jun 02 j 14:13	25°♉36'22	-4°-9'-31
minimum elong	-1715 Jun 02 j 09:27	25°♉44'12	4°08'48
morning rise	-1715 Jun 10 j 20:31	21°♉28'32	
direct	-1715 Jun 13 j 09:28	21°♉10'23	
morning max el	-1715 Jun 22 j 13:23	25°♉26'17	19°19'51
	-1715 Jun 26 j 14:36	0°♊	
asc. node	-1715 Jul 01 j 13:27	7°♊29'04	
morning set	-1715 Jul 09 j 15:33	22°♊39'03	
	-1715 Jul 13 j 07:46	0°♋	
superior conj	-1715 Jul 17 j 21:17	9°♋01'51	1°47'52
minimum elong	-1715 Jul 17 j 20:50	8°♋59'40	1°47'53
max. Earth dist.	-1715 Jul 24 j 03:13	20°♋52'26	1.37987 AU
evening rise	-1715 Jul 28 j 00:03	27°♋50'00	
	-1715 Jul 29 j 05:46	0°♌	
desc. node	-1715 Aug 11 j 09:46	21°♌19'25	
	-1715 Aug 17 j 08:42	0°♍	
evening max el	-1715 Sep 01 j 18:06	18°♍55'08	25°00'35
retrograde	-1715 Sep 13 j 11:29	25°♍43'26	
evening set	-1715 Sep 19 j 04:27	23°♍19'08	
min. Earth dist.	-1715 Sep 23 j 17:50	18°♍09'45	0.67136 AU
inferior conj	-1715 Sep 24 j 15:35	16°♍58'08	0°-59'00
minimum elong	-1715 Sep 24 j 17:01	16°♍53'24	0°58'23
asc. node	-1715 Sep 27 j 12:35	13°♍23'18	
morning rise	-1715 Sep 30 j 06:01	10°♍54'25	
direct	-1715 Oct 03 j 18:00	9°♍43'37	
morning max el	-1715 Oct 11 j 06:00	14°♍02'14	19°51'20
greatest brilliancy	-1715 Oct 18 j 23:54	23°♍41'00	-0.6m
	-1715 Oct 23 j 08:58	0°♎	
morning set	-1715 Nov 05 j 22:27	20°♎38'15	
desc. node	-1715 Nov 07 j 09:09	22°♎52'41	
	-1715 Nov 11 j 22:48	0°♏	
max. Earth dist.	-1715 Nov 17 j 22:27	9°♏27'02	1.44088 AU
superior conj	-1715 Nov 22 j 15:27	17°♏00'34	-1°-28'-41
minimum elong	-1715 Nov 22 j 07:53	16°♏29'57	1°28'00
	-1715 Nov 30 j 12:58	0°♐	
evening rise	-1715 Dec 06 j 04:49	9°♐33'25	
	-1715 Dec 18 j 12:39	0°♑	
asc. node	-1715 Dec 24 j 11:49	7°♑43'53	
evening max el	-1715 Dec 24 j 11:38	7°♑43'25	18°16'46
retrograde	-1715 Dec 30 j 23:53	11°♑14'22	
evening set	-1714 Jan 02 j 20:06	10°♑31'43	
inferior conj	-1714 Jan 09 j 00:11	5°♑07'26	3°47'23
minimum elong	-1714 Jan 08 j 22:20	5°♑12'32	3°47'10
min. Earth dist.	-1714 Jan 11 j 10:17	2°♑27'32	0.63498 AU
	-1714 Jan 13 j 21:46	30°℞♐	
morning rise	-1714 Jan 14 j 22:59	29°♐06'45	
direct	-1714 Jan 21 j 22:56	26°♐20'29	
	-1714 Jan 30 j 22:59	0°♑	
desc. node	-1714 Feb 03 j 08:20	2°♑50'43	
morning max el	-1714 Feb 04 j 16:39	4°♑08'21	27°38'44
	-1714 Feb 24 j 04:00	0°♒	
morning set	-1714 Mar 11 j 04:28	27°♒00'26	
	-1714 Mar 12 j 16:10	0°♓	
max. Earth dist.	-1714 Mar 16 j 11:24	7°♓52'38	1.33198 AU
superior conj	-1714 Mar 18 j 22:35	13°♓07'34	0°-36'-22
minimum elong	-1714 Mar 19 j 00:17	13°♓16'38	0°36'03
asc. node	-1714 Mar 22 j 11:11	20°♓42'56	
evening rise	-1714 Mar 26 j 02:21	28°♓28'08	
	-1714 Mar 26 j 19:54	0°♈	
	-1714 Apr 13 j 10:35	0°♉	
evening max el	-1714 Apr 17 j 20:57	4°♉52'13	23°07'24
retrograde	-1714 May 01 j 06:48	11°♉31'11	
desc. node	-1714 May 02 j 07:26	11°♉28'50	
evening set	-1714 May 04 j 19:07	11°♉04'11	
min. Earth dist.	-1714 May 12 j 06:50	7°♉43'04	0.55691 AU
inferior conj	-1714 May 13 j 23:33	6°♉43'44	-3°-3'-11
minimum elong	-1714 May 13 j 16:51	6°♉53'31	3°01'22
morning rise	-1714 May 22 j 17:39	2°♉48'11	
direct	-1714 May 25 j 09:27	2°♉31'11	
morning max el	-1714 Jun 05 j 03:29	7°♉30'31	20°29'11
asc. node	-1714 Jun 18 j 10:30	26°♉34'35	
	-1714 Jun 20 j 05:40	0°♊	
morning set	-1714 Jun 23 j 20:55	7°♊15'30	
superior conj	-1714 Jul 01 j 13:34	23°♊03'59	1°41'53
minimum elong	-1714 Jul 01 j 11:44	22°♊54'41	1°41'47
	-1714 Jul 05 j 00:43	0°♋	
max. Earth dist.	-1714 Jul 06 j 09:51	2°♋41'57	1.36185 AU
evening rise	-1714 Jul 10 j 12:29	10°♋29'28	
	-1714 Jul 21 j 19:44	0°♌	
desc. node	-1714 Jul 29 j 06:46	11°♌24'37	
	-1714 Aug 12 j 18:52	0°♍	
evening max el	-1714 Aug 15 j 05:26	2°♍29'58	26°08'30
retrograde	-1714 Aug 27 j 19:00	9°♍38'22	
evening set	-1714 Sep 03 j 02:37	6°♍59'40	
min. Earth dist.	-1714 Sep 07 j 07:48	2°♍27'51	0.66447 AU
inferior conj	-1714 Sep 08 j 17:08	0°♍44'00	-1°-53'-23
minimum elong	-1714 Sep 08 j 19:53	0°♍35'24	1°52'19
	-1714 Sep 09 j 07:19	30°℞♌	
asc. node	-1714 Sep 14 j 09:40	24°♌57'13	
morning rise	-1714 Sep 14 j 14:00	24°♌50'40	
direct	-1714 Sep 17 j 16:17	23°♌55'45	
morning max el	-1714 Sep 24 j 13:49	27°♌48'01	18°57'05
	-1714 Sep 26 j 13:36	0°♍	
morning set	-1714 Oct 16 j 10:33	29°♍39'15	
	-1714 Oct 16 j 15:49	0°♎	
desc. node	-1714 Oct 25 j 06:11	13°♎32'13	
max. Earth dist.	-1714 Oct 31 j 15:26	23°♎34'49	1.44845 AU
superior conj	-1714 Nov 01 j 21:38	25°♎33'49	0°-48'-5
minimum elong	-1714 Nov 01 j 15:37	25°♎10'06	0°47'22
	-1714 Nov 04 j 17:01	0°♏	
evening rise	-1714 Nov 17 j 08:09	20°♏14'01	
	-1714 Nov 23 j 08:33	0°♐	
evening max el	-1714 Dec 07 j 23:13	21°♐07'01	18°43'51
asc. node	-1714 Dec 11 j 08:51	23°♐53'54	
retrograde	-1714 Dec 14 j 16:30	24°♐53'27	
evening set	-1714 Dec 17 j 17:53	24°♐00'19	
inferior conj	-1714 Dec 23 j 14:27	18°♐17'59	3°23'33
minimum elong	-1714 Dec 23 j 11:40	18°♐26'22	3°22'56
min. Earth dist.	-1714 Dec 25 j 09:20	16°♐08'16	0.65030 AU
morning rise	-1714 Dec 29 j 04:22	12°♐09'43	
direct	-1713 Jan 04 j 21:02	9°♐19'02	
morning max el	-1713 Jan 18 j 02:16	16°♐59'20	27°01'18
desc. node	-1713 Jan 21 j 05:24	20°♐19'03	
	-1713 Jan 28 j 23:36	0°♑	
	-1713 Feb 16 j 23:54	0°♒	
morning set	-1713 Feb 22 j 17:24	10°♒39'12	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

max. Earth dist.	-1713 Feb 27 j 07:27	19°♒43'36	1.34201 AU
superior conj	-1713 Mar 03 j 01:37	27°♒28'31	-1°-1'-51
minimum elong	-1713 Mar 03 j 04:24	27°♒43'05	1°01'23
	-1713 Mar 04 j 06:29	0°♓	
asc. node	-1713 Mar 09 j 08:12	10°♓42'44	
evening rise	-1713 Mar 10 j 12:33	13°♓10'56	
	-1713 Mar 19 j 05:11	0°♈	
evening max el	-1713 Mar 30 j 17:11	15°♈39'00	21°35'21
retrograde	-1713 Apr 11 j 22:28	21°♈34'49	
evening set	-1713 Apr 14 j 11:14	21°♈20'18	
desc. node	-1713 Apr 19 j 04:29	19°♈45'21	
inferior conj	-1713 Apr 23 j 19:48	17°♈18'35	-1°-18'-7
minimum elong	-1713 Apr 23 j 16:09	17°♈23'41	1°16'52
min. Earth dist.	-1713 Apr 23 j 20:03	17°♈18'14	0.55070 AU
morning rise	-1713 May 02 j 21:42	13°♈19'18	
direct	-1713 May 05 j 21:11	12°♈59'51	
morning max el	-1713 May 18 j 06:39	18°♈51'55	21°56'41
	-1713 May 27 j 06:35	0°♉	
asc. node	-1713 Jun 05 j 07:33	16°♉05'21	
morning set	-1713 Jun 08 j 06:19	22°♉05'46	
	-1713 Jun 12 j 00:33	0°♊	
superior conj	-1713 Jun 15 j 14:24	7°♊32'58	1°29'44
minimum elong	-1713 Jun 15 j 11:55	7°♊19'56	1°29'29
max. Earth dist.	-1713 Jun 19 j 00:51	14°♊39'33	1.34697 AU
evening rise	-1713 Jun 23 j 17:28	23°♊58'54	
	-1713 Jun 26 j 21:50	0°♋	
	-1713 Jul 15 j 09:28	0°♌	
desc. node	-1713 Jul 16 j 03:47	1°♌03'30	
evening max el	-1713 Jul 28 j 16:59	15°♌58'55	26°58'36
retrograde	-1713 Aug 10 j 21:26	23°♌18'00	
evening set	-1713 Aug 17 j 17:21	20°♌32'01	
min. Earth dist.	-1713 Aug 21 j 14:57	16°♌38'22	0.65393 AU
inferior conj	-1713 Aug 23 j 13:06	14°♌25'07	-2°-45'-28
minimum elong	-1713 Aug 23 j 16:56	14°♌14'01	2°44'11
morning rise	-1713 Aug 29 j 17:53	8°♌45'22	
asc. node	-1713 Sep 01 j 06:44	8°♌03'09	
direct	-1713 Sep 01 j 12:49	8°♌02'48	
morning max el	-1713 Sep 08 j 02:39	11°♌37'55	18°19'02
	-1713 Sep 20 j 23:11	0°♍	
morning set	-1713 Sep 27 j 01:57	10°♍01'19	
	-1713 Oct 09 j 10:28	0°♎	
superior conj	-1713 Oct 11 j 22:23	3°♎57'47	0°01'19
minimum elong	-1713 Oct 11 j 22:34	3°♎58'29	0°01'16
behind sun begin	-1713 Oct 11 j 11:28	3°♎14'33	
behind sun end	-1713 Oct 12 j 09:40	4°♎42'23	
desc. node	-1713 Oct 12 j 03:13	4°♎16'55	
max. Earth dist.	-1713 Oct 14 j 09:55	7°♎52'51	1.44866 AU
evening rise	-1713 Oct 28 j 11:25	29°♎54'55	
	-1713 Oct 28 j 12:43	0°♏	
greatest brilliancy	-1713 Nov 12 j 10:04	22°♏57'09	-0.7m
	-1713 Nov 17 j 10:49	0°♐	
evening max el	-1713 Nov 21 j 07:32	4°♐33'48	19°27'52
asc. node	-1713 Nov 28 j 05:54	8°♐44'11	
retrograde	-1713 Nov 28 j 12:55	8°♐44'40	
evening set	-1713 Dec 01 j 21:13	7°♐39'11	
inferior conj	-1713 Dec 07 j 12:21	1°♐41'54	2°48'55
minimum elong	-1713 Dec 07 j 09:25	1°♐51'24	2°48'01
min. Earth dist.	-1713 Dec 08 j 17:12	0°♐08'31	0.66187 AU
	-1713 Dec 08 j 19:52	30°℞♏	
morning rise	-1713 Dec 12 j 20:52	25°♏28'35	
direct	-1713 Dec 19 j 01:19	22°♏45'55	
	-1713 Dec 31 j 09:03	0°♐	
morning max el	-1713 Dec 31 j 11:44	0°♐06'44	25°57'38
desc. node	-1712 Jan 08 j 02:27	8°♐50'09	
	-1712 Jan 22 j 21:47	0°♑	
morning set	-1712 Feb 05 j 16:25	23°♑31'52	
	-1712 Feb 09 j 02:55	0°♒	
max. Earth dist.	-1712 Feb 09 j 15:35	1°♒00'56	1.35657 AU
superior conj	-1712 Feb 14 j 21:20	11°♒22'44	-1°-25'-13
minimum elong	-1712 Feb 15 j 00:49	11°♒40'19	1°24'46
evening rise	-1712 Feb 22 j 19:20	27°♒37'29	
	-1712 Feb 23 j 23:23	0°♓	
asc. node	-1712 Feb 24 j 05:13	0°♓29'31	
evening max el	-1712 Mar 11 j 23:23	26°♓56'35	20°15'53
	-1712 Mar 15 j 21:16	0°♈	
retrograde	-1712 Mar 22 j 12:55	1°♈59'27	
evening set	-1712 Mar 24 j 17:30	1°♈47'21	
	-1712 Mar 29 j 18:37	30°℞♓	
inferior conj	-1712 Apr 02 j 16:24	27°♓48'54	0°40'03
minimum elong	-1712 Apr 02 j 18:11	27°♓46'16	0°39'26
min. Earth dist.	-1712 Apr 04 j 10:09	26°♓47'03	0.55401 AU
desc. node	-1712 Apr 05 j 01:31	26°♓24'43	
morning rise	-1712 Apr 11 j 16:23	23°♓26'58	
direct	-1712 Apr 15 j 10:25	22°♓56'14	
morning max el	-1712 Apr 29 j 01:05	29°♓38'03	23°35'27
	-1712 Apr 29 j 10:15	0°♈	
	-1712 May 19 j 07:04	0°♉	
asc. node	-1712 May 22 j 04:35	5°♉54'25	
morning set	-1712 May 22 j 17:52	7°♉03'50	
superior conj	-1712 May 29 j 20:57	22°♉19'40	1°12'54
minimum elong	-1712 May 29 j 18:25	22°♉06'07	1°12'33
max. Earth dist.	-1712 Jun 01 j 01:19	26°♉59'05	1.33589 AU
	-1712 Jun 02 j 11:41	0°♊	
evening rise	-1712 Jun 06 j 10:28	8°♊05'11	
	-1712 Jun 18 j 09:23	0°♋	
desc. node	-1712 Jul 02 j 00:46	20°♋04'46	
evening max el	-1712 Jul 10 j 03:54	29°♋11'45	27°23'39
	-1712 Jul 11 j 00:31	0°♌	
retrograde	-1712 Jul 23 j 18:18	6°♌33'36	
evening set	-1712 Jul 30 j 21:39	3°♌51'22	
min. Earth dist.	-1712 Aug 03 j 13:23	0°♌32'57	0.63965 AU
	-1712 Aug 04 j 02:10	30°℞♋	
inferior conj	-1712 Aug 06 j 01:02	27°♋56'29	-3°-32'-28
minimum elong	-1712 Aug 06 j 05:22	27°♋45'04	3°31'20
morning rise	-1712 Aug 12 j 15:02	22°♋33'24	
direct	-1712 Aug 15 j 05:04	21°♋59'52	
asc. node	-1712 Aug 18 j 03:49	22°♋43'45	
morning max el	-1712 Aug 21 j 17:51	25°♋26'14	17°58'13
	-1712 Aug 25 j 13:07	0°♌	
morning set	-1712 Sep 07 j 20:03	21°♌40'03	
	-1712 Sep 12 j 17:03	0°♍	
superior conj	-1712 Sep 20 j 15:28	13°♍12'34	0°46'49
minimum elong	-1712 Sep 20 j 20:12	13°♍31'53	0°46'13
max. Earth dist.	-1712 Sep 26 j 02:49	22°♍02'36	1.44175 AU
desc. node	-1712 Sep 28 j 00:11	25°♍02'51	
	-1712 Oct 01 j 03:39	0°♎	
evening rise	-1712 Oct 06 j 20:29	8°♎51'39	
	-1712 Oct 20 j 19:48	0°♏	
greatest brilliancy	-1712 Oct 28 j 04:20	10°♏26'01	-0.5m
evening max el	-1712 Nov 03 j 10:50	18°♏01'01	20°26'52
retrograde	-1712 Nov 11 j 10:23	22°♏43'21	
asc. node	-1712 Nov 14 j 02:58	22°♏01'44	
evening set	-1712 Nov 15 j 03:45	21°♏23'13	
inferior conj	-1712 Nov 20 j 15:18	15°♏14'21	2°06'29
minimum elong	-1712 Nov 20 j 12:46	15°♏22'56	2°05'33
min. Earth dist.	-1712 Nov 21 j 07:39	14°♏19'03	0.66979 AU
morning rise	-1712 Nov 25 j 21:15	8°♏58'28	
direct	-1712 Dec 01 j 11:00	6°♏32'33	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1712 Dec 12 j 20:10	13°♏19'44	24°37'14
desc. node	-1712 Dec 24 j 23:29	28°♏05'00	
	-1712 Dec 26 j 08:48	0°♐	
	-1711 Jan 14 j 17:30	0°♑	
morning set	-1711 Jan 17 j 19:55	5°♑21'54	
max. Earth dist.	-1711 Jan 21 j 13:34	12°♑03'13	1.37515 AU
superior conj	-1711 Jan 28 j 06:32	24°♑40'58	-1°-44'-25
minimum elong	-1711 Jan 28 j 09:52	24°♑57'10	1°44'09
	-1711 Jan 30 j 23:42	0°♒	
evening rise	-1711 Feb 05 j 20:26	11°♒40'47	
asc. node	-1711 Feb 10 j 02:15	19°♒57'40	
	-1711 Feb 15 j 19:17	0°♓	
evening max el	-1711 Feb 22 j 16:36	8°♓51'59	19°14'27
retrograde	-1711 Mar 03 j 14:31	13°♓07'56	
evening set	-1711 Mar 05 j 20:51	12°♓52'39	
inferior conj	-1711 Mar 14 j 02:42	8°♓42'38	2°18'55
minimum elong	-1711 Mar 14 j 07:16	8°♓34'55	2°17'37
min. Earth dist.	-1711 Mar 17 j 01:21	6°♓44'25	0.56608 AU
morning rise	-1711 Mar 22 j 13:44	3°♓49'21	
desc. node	-1711 Mar 22 j 22:34	3°♓41'28	
direct	-1711 Mar 27 j 11:22	2°♓53'44	
morning max el	-1711 Apr 10 j 15:47	10°♓09'46	25°13'26
	-1711 Apr 25 j 15:00	0°♈	
morning set	-1711 May 07 j 05:56	22°♈04'16	
asc. node	-1711 May 09 j 01:38	25°♈56'15	
	-1711 May 10 j 22:48	0°♉	
superior conj	-1711 May 14 j 06:58	7°♉16'43	0°52'31
minimum elong	-1711 May 14 j 04:53	7°♉05'23	0°52'09
max. Earth dist.	-1711 May 15 j 09:34	9°♉41'25	1.32860 AU
evening rise	-1711 May 21 j 11:55	22°♉37'14	
	-1711 May 25 j 04:30	0°♊	
	-1711 Jun 12 j 07:05	0°♋	
desc. node	-1711 Jun 18 j 21:47	8°♋12'45	
evening max el	-1711 Jun 22 j 12:09	11°♋56'19	27°18'03
retrograde	-1711 Jul 06 j 08:41	19°♋16'14	
evening set	-1711 Jul 13 j 11:46	16°♋51'25	
min. Earth dist.	-1711 Jul 17 j 01:53	13°♋59'55	0.62196 AU
inferior conj	-1711 Jul 20 j 01:59	11°♋11'40	-4°-10'-9
minimum elong	-1711 Jul 20 j 05:45	11°♋02'52	4°09'31
morning rise	-1711 Jul 27 j 02:16	6°♋08'17	
direct	-1711 Jul 29 j 13:51	5°♋41'01	
asc. node	-1711 Aug 05 j 00:53	8°♋48'16	
morning max el	-1711 Aug 05 j 08:40	9°♋06'58	17°55'39
	-1711 Aug 19 j 01:33	0°♌	
morning set	-1711 Aug 21 j 11:26	4°♌20'23	
superior conj	-1711 Sep 01 j 11:36	23°♌47'57	1°20'13
minimum elong	-1711 Sep 01 j 16:41	24°♌09'39	1°19'43
	-1711 Sep 05 j 03:31	0°♍	
max. Earth dist.	-1711 Sep 08 j 16:00	5°♍49'15	1.42864 AU
desc. node	-1711 Sep 14 j 21:12	15°♍47'44	
evening rise	-1711 Sep 16 j 03:47	17°♍47'53	
	-1711 Sep 24 j 02:36	0°♎	
greatest brilliancy	-1711 Oct 12 j 09:52	25°♎49'26	-0.4m
	-1711 Oct 15 j 22:51	0°♏	
evening max el	-1711 Oct 17 j 08:17	1°♏28'40	21°37'44
retrograde	-1711 Oct 26 j 06:59	6°♏47'29	
evening set	-1711 Oct 30 j 11:37	5°♏10'20	
asc. node	-1711 Nov 01 j 00:02	3°♏47'01	
	-1711 Nov 04 j 01:45	30°℞♎	
inferior conj	-1711 Nov 04 j 21:10	28°♎53'17	1°18'29
minimum elong	-1711 Nov 04 j 19:27	28°♎59'15	1°17'46
min. Earth dist.	-1711 Nov 05 j 02:20	28°♎35'29	0.67433 AU
morning rise	-1711 Nov 10 j 02:58	22°♎37'24	
direct	-1711 Nov 15 j 01:22	20°♎32'51	
morning max el	-1711 Nov 25 j 05:29	26°♎36'14	23°10'08
	-1711 Nov 28 j 08:35	0°♏	
greatest brilliancy	-1711 Nov 30 j 06:15	2°♏15'15	-0.3m
desc. node	-1711 Dec 11 j 20:32	17°♏51'09	
	-1711 Dec 19 j 23:49	0°♐	
morning set	-1711 Dec 29 j 21:37	15°♐53'06	
max. Earth dist.	-1710 Jan 03 j 08:49	23°♐28'32	1.39605 AU
	-1710 Jan 07 j 01:51	0°♑	
superior conj	-1710 Jan 11 j 00:58	7°♑12'01	-1°-56'-37
minimum elong	-1710 Jan 11 j 02:47	7°♑20'24	1°56'36
evening rise	-1710 Jan 20 j 13:08	25°♑14'06	
	-1710 Jan 23 j 01:00	0°♒	
asc. node	-1710 Jan 27 j 23:18	9°♒00'40	
evening max el	-1710 Feb 05 j 18:57	21°♒20'37	18°32'51
retrograde	-1710 Feb 13 j 10:42	25°♒05'06	
evening set	-1710 Feb 15 j 21:05	24°♒43'43	
inferior conj	-1710 Feb 23 j 09:19	20°♒13'52	3°22'20
minimum elong	-1710 Feb 23 j 13:04	20°♒06'30	3°21'39
min. Earth dist.	-1710 Feb 26 j 19:04	17°♒34'40	0.58414 AU
morning rise	-1710 Mar 03 j 01:17	14°♒52'24	
direct	-1710 Mar 09 j 01:27	13°♒20'50	
desc. node	-1710 Mar 09 j 19:38	13°♒22'17	
morning max el	-1710 Mar 23 j 08:50	20°♒55'20	26°35'31
	-1710 Mar 31 j 05:31	0°♓	
	-1710 Apr 18 j 06:27	0°♈	
morning set	-1710 Apr 21 j 16:48	7°♈00'33	
asc. node	-1710 Apr 25 j 22:39	16°♈05'28	
superior conj	-1710 Apr 28 j 18:33	22°♈16'55	0°29'28
minimum elong	-1710 Apr 28 j 17:16	22°♈09'57	0°29'12
max. Earth dist.	-1710 Apr 28 j 22:04	22°♈36'14	1.32493 AU
	-1710 May 02 j 07:24	0°♉	
evening rise	-1710 May 05 j 18:57	7°♉24'47	
	-1710 May 17 j 17:02	0°♊	
evening max el	-1710 Jun 04 j 14:59	23°♊59'54	26°39'20
desc. node	-1710 Jun 05 j 18:49	25°♊04'11	
	-1710 Jun 13 j 00:55	0°♋	
retrograde	-1710 Jun 18 j 15:10	1°♋16'33	
	-1710 Jun 24 j 01:48	30°℞♊	
evening set	-1710 Jun 25 j 07:11	29°♊22'21	
min. Earth dist.	-1710 Jun 29 j 04:21	26°♊43'34	0.60193 AU
inferior conj	-1710 Jul 02 j 12:22	24°♊00'36	-4°-31'-57
minimum elong	-1710 Jul 02 j 13:53	23°♊57'30	4°31'51
morning rise	-1710 Jul 09 j 23:49	19°♊19'30	
direct	-1710 Jul 12 j 11:04	18°♊56'35	
morning max el	-1710 Jul 19 j 20:09	22°♊31'42	18°12'22
asc. node	-1710 Jul 22 j 21:56	26°♊00'24	
	-1710 Jul 25 j 17:25	0°♋	
morning set	-1710 Aug 04 j 18:23	17°♋45'51	
	-1710 Aug 11 j 07:10	0°♌	
superior conj	-1710 Aug 14 j 09:42	5°♌40'21	1°39'58
minimum elong	-1710 Aug 14 j 12:45	5°♌54'07	1°39'47
max. Earth dist.	-1710 Aug 21 j 23:49	18°♌57'35	1.41096 AU
evening rise	-1710 Aug 27 j 03:06	27°♌29'33	
	-1710 Aug 28 j 16:19	0°♍	
desc. node	-1710 Sep 01 j 18:13	6°♍27'25	
	-1710 Sep 17 j 19:07	0°♎	
greatest brilliancy	-1710 Sep 24 j 21:06	9°♎11'58	-0.3m
evening max el	-1710 Sep 30 j 00:16	14°♎57'02	22°56'12
retrograde	-1710 Oct 10 j 01:13	20°♎54'15	
evening set	-1710 Oct 14 j 19:05	18°♎58'26	
asc. node	-1710 Oct 18 j 21:06	14°♎22'43	
inferior conj	-1710 Oct 20 j 04:05	12°♎36'48	0°26'39
minimum elong	-1710 Oct 20 j 03:28	12°♎38'57	0°26'23
min. Earth dist.	-1710 Oct 19 j 22:47	12°♎55'03	0.67562 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1710 Oct 25 j 11:49	6°♎23'29	
direct	-1710 Oct 29 j 19:27	4°♎41'25	
morning max el	-1710 Nov 07 j 19:10	9°♎59'26	21°45'20
greatest brilliancy	-1710 Nov 12 j 17:04	15°♎35'04	-0.4m
	-1710 Nov 23 j 07:12	0°♏	
desc. node	-1710 Nov 28 j 17:36	7°♏59'45	
morning set	-1710 Dec 09 j 18:21	25°♏01'20	
	-1710 Dec 12 j 20:41	0°♐	
max. Earth dist.	-1710 Dec 16 j 08:58	5°♐45'44	1.41642 AU
superior conj	-1710 Dec 23 j 23:22	18°♐42'44	-1°-58'-4
minimum elong	-1710 Dec 23 j 21:51	18°♐36'02	1°58'06
	-1710 Dec 30 j 07:07	0°♑	
evening rise	-1709 Jan 03 j 18:06	8°♑10'02	
asc. node	-1709 Jan 14 j 20:22	27°♑30'29	
	-1709 Jan 16 j 13:49	0°♒	
evening max el	-1709 Jan 20 j 03:33	4°♒14'23	18°11'17
retrograde	-1709 Jan 27 j 00:51	7°♒43'25	
evening set	-1709 Jan 29 j 14:52	7°♒14'39	
inferior conj	-1709 Feb 05 j 12:10	2°♒22'56	3°51'34
minimum elong	-1709 Feb 05 j 13:30	2°♒19'55	3°51'28
	-1709 Feb 08 j 02:50	30°℞♑	
min. Earth dist.	-1709 Feb 08 j 18:29	29°♑25'38	0.60464 AU
morning rise	-1709 Feb 12 j 09:12	26°♑40'59	
direct	-1709 Feb 19 j 02:58	24°♑32'12	
desc. node	-1709 Feb 24 j 16:43	25°♑52'49	
	-1709 Mar 02 j 20:27	0°♒	
morning max el	-1709 Mar 05 j 08:01	2°♒16'47	27°28'28
	-1709 Mar 25 j 12:45	0°♓	
morning set	-1709 Apr 06 j 00:43	21°♓46'31	
	-1709 Apr 09 j 22:08	0°♈	
max. Earth dist.	-1709 Apr 12 j 11:04	5°♈30'41	1.32475 AU
asc. node	-1709 Apr 12 j 19:42	6°♈17'55	
superior conj	-1709 Apr 13 j 06:04	7°♈14'35	0°04'35
minimum elong	-1709 Apr 13 j 05:51	7°♈13'27	0°04'32
behind sun begin	-1709 Apr 13 j 01:01	6°♈46'56	
behind sun end	-1709 Apr 13 j 10:42	7°♈39'58	
evening rise	-1709 Apr 20 j 05:19	22°♈20'08	
	-1709 Apr 23 j 22:55	0°♉	
	-1709 May 12 j 13:21	0°♊	
evening max el	-1709 May 17 j 11:01	5°♊18'54	25°30'38
desc. node	-1709 May 23 j 15:51	10°♊08'18	
retrograde	-1709 May 31 j 12:18	12°♊30'24	
evening set	-1709 Jun 06 j 04:26	11°♊14'33	
min. Earth dist.	-1709 Jun 10 j 23:02	8°♊30'36	0.58164 AU
inferior conj	-1709 Jun 14 j 04:38	6°♊13'49	-4°-28'-2
minimum elong	-1709 Jun 14 j 02:15	6°♊18'03	4°27'51
morning rise	-1709 Jun 22 j 03:58	1°♊55'16	
direct	-1709 Jun 24 j 16:08	1°♊35'39	
morning max el	-1709 Jul 03 j 01:22	5°♊32'13	18°49'19
asc. node	-1709 Jul 09 j 18:59	14°♊05'42	
	-1709 Jul 18 j 14:57	0°♋	
morning set	-1709 Jul 19 j 12:29	1°♋44'58	
superior conj	-1709 Jul 28 j 04:21	18°♋34'56	1°47'47
minimum elong	-1709 Jul 28 j 05:03	18°♋38'11	1°47'48
	-1709 Aug 03 j 08:41	0°♌	
max. Earth dist.	-1709 Aug 04 j 02:55	1°♌21'26	1.39113 AU
evening rise	-1709 Aug 08 j 03:18	8°♌21'51	
desc. node	-1709 Aug 19 j 15:14	26°♌57'52	
	-1709 Aug 21 j 15:18	0°♍	
evening max el	-1709 Sep 12 j 12:31	28°♍27'28	24°16'26
	-1709 Sep 14 j 03:23	0°♎	
retrograde	-1709 Sep 23 j 16:02	5°♎00'00	
evening set	-1709 Sep 29 j 00:25	2°♎45'23	
	-1709 Oct 01 j 15:45	30°℞♍	
inferior conj	-1709 Oct 04 j 10:18	26°♍22'52	0°-27'-26
minimum elong	-1709 Oct 04 j 10:58	26°♍20'38	0°27'10
min. Earth dist.	-1709 Oct 03 j 18:38	27°♍15'40	0.67378 AU
asc. node	-1709 Oct 05 j 18:10	24°♍36'58	
morning rise	-1709 Oct 09 j 21:49	20°♍14'53	
direct	-1709 Oct 13 j 16:18	18°♍53'39	
morning max el	-1709 Oct 21 j 15:47	23°♍31'50	20°29'20
	-1709 Oct 27 j 03:41	0°♎	
greatest brilliancy	-1709 Oct 28 j 00:37	1°♎08'53	-0.5m
desc. node	-1709 Nov 15 j 14:38	28°♎23'49	
	-1709 Nov 16 j 15:39	0°♏	
morning set	-1709 Nov 18 j 18:02	3°♏14'43	
max. Earth dist.	-1709 Nov 28 j 16:21	18°♏55'19	1.43344 AU
superior conj	-1709 Dec 04 j 20:19	29°♏00'02	-1°-44'-32
minimum elong	-1709 Dec 04 j 14:25	28°♏35'34	1°44'10
	-1709 Dec 05 j 10:44	0°♐	
evening rise	-1709 Dec 17 j 07:12	20°♐19'23	
	-1709 Dec 22 j 20:08	0°♑	
asc. node	-1708 Jan 01 j 17:25	15°♑16'09	
evening max el	-1708 Jan 03 j 15:26	17°♑24'23	18°09'17
retrograde	-1708 Jan 10 j 04:34	20°♑51'29	
evening set	-1708 Jan 12 j 22:13	20°♑14'22	
inferior conj	-1708 Jan 19 j 07:47	15°♑01'35	3°54'33
minimum elong	-1708 Jan 19 j 06:52	15°♑03'58	3°54'29
min. Earth dist.	-1708 Jan 22 j 02:22	12°♑09'39	0.62459 AU
morning rise	-1708 Jan 25 j 13:26	9°♑06'09	
direct	-1708 Feb 01 j 13:55	6°♑29'12	
desc. node	-1708 Feb 11 j 13:47	10°♑46'30	
morning max el	-1708 Feb 15 j 13:05	14°♑18'30	27°45'23
	-1708 Feb 28 j 06:35	0°♒	
	-1708 Mar 17 j 00:05	0°♓	
morning set	-1708 Mar 20 j 03:30	6°♓13'48	
max. Earth dist.	-1708 Mar 25 j 20:22	18°♓08'59	1.32820 AU
superior conj	-1708 Mar 27 j 15:47	22°♓03'02	0°-21'-22
minimum elong	-1708 Mar 27 j 16:47	22°♓08'24	0°21'10
asc. node	-1708 Mar 29 j 16:45	26°♓28'43	
	-1708 Mar 31 j 07:42	0°♈	
evening rise	-1708 Apr 03 j 17:00	7°♈15'29	
	-1708 Apr 15 j 17:42	0°♉	
evening max el	-1708 Apr 28 j 02:23	16°♉04'49	24°01'55
desc. node	-1708 May 09 j 12:52	22°♉48'19	
retrograde	-1708 May 11 j 22:01	23°♉01'18	
evening set	-1708 May 16 j 04:52	22°♉20'27	
min. Earth dist.	-1708 May 22 j 13:43	19°♉15'56	0.56419 AU
inferior conj	-1708 May 25 j 00:44	17°♉44'38	-3°-46'-47
minimum elong	-1708 May 24 j 18:39	17°♉54'07	3°45'32
morning rise	-1708 Jun 02 j 12:17	13°♉43'43	
direct	-1708 Jun 05 j 01:56	13°♉26'28	
morning max el	-1708 Jun 14 j 21:38	17°♉59'17	19°47'00
	-1708 Jun 24 j 00:06	0°♊	
asc. node	-1708 Jun 25 j 16:03	2°♊51'56	
morning set	-1708 Jul 02 j 14:29	16°♊09'25	
	-1708 Jul 09 j 10:45	0°♋	
superior conj	-1708 Jul 10 j 14:02	2°♋16'03	1°46'11
minimum elong	-1708 Jul 10 j 12:55	2°♋10'27	1°46'11
max. Earth dist.	-1708 Jul 16 j 05:59	13°♋13'51	1.37180 AU
evening rise	-1708 Jul 20 j 03:48	20°♋25'31	
	-1708 Jul 25 j 15:35	0°♌	
desc. node	-1708 Aug 05 j 12:13	17°♌14'01	
	-1708 Aug 14 j 15:08	0°♍	
evening max el	-1708 Aug 24 j 23:35	12°♍01'16	25°31'14
retrograde	-1708 Sep 06 j 02:31	19°♍00'22	
evening set	-1708 Sep 12 j 01:46	16°♍29'13	
min. Earth dist.	-1708 Sep 16 j 11:32	11°♍35'30	0.66875 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1708 Sep 17 j 14:06	10°♍09'46	-1°-22'-13
minimum elong	-1708 Sep 17 j 16:06	10°♍03'16	1°21'24
asc. node	-1708 Sep 21 j 15:13	5°♍28'24	
morning rise	-1708 Sep 23 j 07:05	4°♍10'01	
direct	-1708 Sep 26 j 14:32	3°♍06'34	
morning max el	-1708 Oct 03 j 19:46	7°♍13'18	19°26'23
greatest brilliancy	-1708 Oct 13 j 03:18	19°♍15'44	-0.7m
	-1708 Oct 20 j 06:14	0°♎	
morning set	-1708 Oct 27 j 19:00	11°♎39'48	
desc. node	-1708 Nov 01 j 11:40	18°♎58'51	
	-1708 Nov 08 j 12:15	0°♏	
max. Earth dist.	-1708 Nov 10 j 06:00	2°♏44'52	1.44489 AU
superior conj	-1708 Nov 13 j 14:31	8°♏04'43	-1°-13'-16
minimum elong	-1708 Nov 13 j 06:49	7°♏34'00	1°12'28
	-1708 Nov 27 j 01:22	0°♐	
evening rise	-1708 Nov 27 j 23:59	1°♐34'04	
	-1708 Dec 16 j 11:00	0°♑	
evening max el	-1708 Dec 17 j 03:54	0°♑44'48	18°26'06
asc. node	-1708 Dec 18 j 14:27	2°♑05'21	
retrograde	-1708 Dec 23 j 17:29	4°♑21'12	
evening set	-1708 Dec 26 j 15:38	3°♑34'27	
	-1708 Dec 30 j 22:20	30°℞♐	
inferior conj	-1707 Jan 01 j 16:17	28°♐02'25	3°38'50
minimum elong	-1707 Jan 01 j 13:56	28°♐09'10	3°38'26
min. Earth dist.	-1707 Jan 03 j 19:59	25°♐33'50	0.64198 AU
morning rise	-1707 Jan 07 j 10:49	21°♐58'03	
direct	-1707 Jan 14 j 08:33	19°♐07'47	
morning max el	-1707 Jan 27 j 21:40	26°♐54'16	27°26'23
desc. node	-1707 Jan 28 j 10:52	27°♐27'32	
	-1707 Jan 30 j 19:56	0°♑	
	-1707 Feb 20 j 21:08	0°♒	
morning set	-1707 Mar 03 j 22:28	20°♒13'30	
	-1707 Mar 08 j 18:27	0°♓	
max. Earth dist.	-1707 Mar 08 j 22:03	0°♓18'44	1.33571 AU
superior conj	-1707 Mar 11 j 21:53	6°♓36'15	0°-47'-21
minimum elong	-1707 Mar 12 j 00:04	6°♓47'51	0°46'56
asc. node	-1707 Mar 16 j 13:47	16°♓33'50	
evening rise	-1707 Mar 19 j 04:16	22°♓04'43	
	-1707 Mar 23 j 01:19	0°♈	
evening max el	-1707 Apr 09 j 19:08	26°♈43'55	22°27'13
	-1707 Apr 13 j 18:24	0°♉	
retrograde	-1707 Apr 22 j 18:59	3°♉06'22	
evening set	-1707 Apr 25 j 19:10	2°♉46'31	
desc. node	-1707 Apr 26 j 09:55	2°♉37'47	
	-1707 May 02 j 15:13	30°℞♈	
min. Earth dist.	-1707 May 04 j 03:14	29°♈09'52	0.55314 AU
inferior conj	-1707 May 05 j 03:15	28°♈35'45	-2°-22'-18
minimum elong	-1707 May 04 j 21:15	28°♈44'17	2°20'26
morning rise	-1707 May 14 j 01:25	24°♈40'30	
direct	-1707 May 16 j 19:25	24°♈23'09	
morning max el	-1707 May 28 j 07:01	29°♈45'07	21°04'29
	-1707 May 28 j 13:21	0°♉	
asc. node	-1707 Jun 12 j 13:05	22°♉08'52	
	-1707 Jun 16 j 11:39	0°♊	
morning set	-1707 Jun 16 j 21:47	0°♊52'02	
superior conj	-1707 Jun 24 j 10:19	16°♊30'26	1°37'22
minimum elong	-1707 Jun 24 j 08:08	16°♊19'08	1°37'14
max. Earth dist.	-1707 Jun 28 j 15:34	25°♊03'00	1.35504 AU
	-1707 Jul 01 j 04:16	0°♋	
evening rise	-1707 Jul 02 j 23:53	3°♋27'58	
	-1707 Jul 18 j 13:13	0°♌	
desc. node	-1707 Jul 23 j 09:13	7°♌08'52	
evening max el	-1707 Aug 07 j 11:08	25°♌34'52	26°32'37
	-1707 Aug 12 j 18:18	0°♍	
retrograde	-1707 Aug 20 j 07:59	2°♍49'05	
evening set	-1707 Aug 26 j 21:03	0°♍06'30	
	-1707 Aug 27 j 00:08	30°℞♌	
min. Earth dist.	-1707 Aug 30 j 22:59	25°♌50'41	0.66036 AU
inferior conj	-1707 Sep 01 j 13:32	23°♌54'00	-2°-15'-55
minimum elong	-1707 Sep 01 j 16:48	23°♌44'07	2°14'44
morning rise	-1707 Sep 07 j 13:34	18°♌05'46	
asc. node	-1707 Sep 08 j 12:16	17°♌39'17	
direct	-1707 Sep 10 j 12:24	17°♌16'29	
morning max el	-1707 Sep 17 j 05:54	21°♌00'41	18°38'49
	-1707 Sep 24 j 05:58	0°♍	
morning set	-1707 Oct 07 j 18:03	21°♍13'27	
	-1707 Oct 13 j 06:01	0°♎	
desc. node	-1707 Oct 19 j 08:39	9°♎40'29	
superior conj	-1707 Oct 23 j 15:34	16°♎25'49	0°-27'-28
minimum elong	-1707 Oct 23 j 11:56	16°♎11'32	0°27'02
max. Earth dist.	-1707 Oct 23 j 23:45	16°♎58'01	1.44944 AU
	-1707 Nov 01 j 06:19	0°♏	
evening rise	-1707 Nov 08 j 16:49	11°♏47'50	
	-1707 Nov 20 j 04:31	0°♐	
evening max el	-1707 Nov 30 j 14:26	14°♐10'22	19°00'41
asc. node	-1707 Dec 05 j 11:29	17°♐43'13	
retrograde	-1707 Dec 07 j 11:57	18°♐05'49	
evening set	-1707 Dec 10 j 16:06	17°♐07'40	
inferior conj	-1707 Dec 16 j 10:08	11°♐18'49	3°09'58
minimum elong	-1707 Dec 16 j 07:12	11°♐27'57	3°09'13
min. Earth dist.	-1707 Dec 17 j 22:55	9°♐24'04	0.65572 AU
morning rise	-1707 Dec 21 j 21:23	5°♐08'22	
direct	-1707 Dec 28 j 09:29	2°♐19'34	
morning max el	-1706 Jan 10 j 07:13	9°♐52'48	26°36'51
desc. node	-1706 Jan 15 j 07:56	15°♐25'03	
	-1706 Jan 26 j 05:39	0°♑	
	-1706 Feb 13 j 08:16	0°♒	
morning set	-1706 Feb 15 j 06:07	3°♒34'42	
max. Earth dist.	-1706 Feb 19 j 13:02	11°♒54'15	1.34767 AU
superior conj	-1706 Feb 23 j 22:13	20°♒47'33	-1°-12'-7
minimum elong	-1706 Feb 24 j 01:22	21°♒03'48	1°11'38
	-1706 Feb 28 j 08:11	0°♓	
asc. node	-1706 Mar 03 j 10:48	6°♓29'05	
evening rise	-1706 Mar 03 j 13:18	6°♓41'55	
	-1706 Mar 16 j 09:43	0°♈	
evening max el	-1706 Mar 22 j 19:29	7°♈43'19	20°59'35
retrograde	-1706 Apr 03 j 08:14	13°♈16'09	
evening set	-1706 Apr 05 j 16:01	13°♈03'30	
desc. node	-1706 Apr 13 j 06:59	10°♈00'19	
inferior conj	-1706 Apr 14 j 21:56	9°♈05'38	0°-27'-34
minimum elong	-1706 Apr 14 j 20:38	9°♈07'28	0°27'06
min. Earth dist.	-1706 Apr 15 j 16:46	8°♈38'56	0.55099 AU
morning rise	-1706 Apr 24 j 00:28	4°♈58'48	
direct	-1706 Apr 27 j 06:45	4°♈35'44	
morning max el	-1706 May 10 j 05:56	10°♈50'00	22°37'49
	-1706 May 24 j 05:54	0°♉	
asc. node	-1706 May 30 j 10:08	11°♉48'39	
morning set	-1706 Jun 01 j 08:22	15°♉46'58	
	-1706 Jun 08 j 01:03	0°♊	
superior conj	-1706 Jun 08 j 13:56	1°♊08'18	1°23'05
minimum elong	-1706 Jun 08 j 11:21	0°♊54'40	1°22'47
max. Earth dist.	-1706 Jun 11 j 11:03	7°♊11'11	1.34186 AU
evening rise	-1706 Jun 16 j 10:35	17°♊15'18	
	-1706 Jun 23 j 05:56	0°♋	
desc. node	-1706 Jul 10 j 06:13	26°♋33'22	
	-1706 Jul 12 j 21:55	0°♌	
evening max el	-1706 Jul 20 j 22:52	8°♌59'18	27°12'43
retrograde	-1706 Aug 03 j 07:51	16°♌19'21	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1706 Aug 10 j 07:43	13°♌33'43	
min. Earth dist.	-1706 Aug 14 j 02:40	9°♌55'32	0.64836 AU
inferior conj	-1706 Aug 16 j 06:25	7°♌31'45	-3°-6'-15
minimum elong	-1706 Aug 16 j 10:34	7°♌20'12	3°04'58
morning rise	-1706 Aug 22 j 14:58	1°♌58'29	
direct	-1706 Aug 25 j 07:36	1°♌19'58	
asc. node	-1706 Aug 26 j 09:20	1°♌26'06	
morning max el	-1706 Aug 31 j 20:00	4°♌50'07	18°07'58
	-1706 Sep 17 j 14:19	0°♍	
morning set	-1706 Sep 18 j 21:20	2°♍09'43	
superior conj	-1706 Oct 02 j 20:52	25°♍04'07	0°21'45
minimum elong	-1706 Oct 02 j 23:28	25°♍14'34	0°21'25
	-1706 Oct 05 j 23:10	0°♎	
desc. node	-1706 Oct 06 j 05:38	0°♎25'35	
max. Earth dist.	-1706 Oct 06 j 18:22	1°♎16'01	1.44662 AU
evening rise	-1706 Oct 19 j 10:56	21°♎06'05	
	-1706 Oct 25 j 05:17	0°♏	
greatest brilliancy	-1706 Nov 06 j 07:57	18°♏07'41	-0.6m
evening max el	-1706 Nov 13 j 20:49	27°♏37'15	19°51'22
	-1706 Nov 16 j 11:48	0°♐	
retrograde	-1706 Nov 21 j 09:02	2°♐00'22	
asc. node	-1706 Nov 22 j 08:32	1°♐54'51	
evening set	-1706 Nov 24 j 21:03	0°♐48'44	
	-1706 Nov 25 j 22:05	30°℞♏	
inferior conj	-1706 Nov 30 j 10:26	24°♏46'03	2°31'42
minimum elong	-1706 Nov 30 j 07:36	24°♏55'24	2°30'46
min. Earth dist.	-1706 Dec 01 j 09:42	23°♏29'09	0.66567 AU
morning rise	-1706 Dec 05 j 17:33	18°♏31'37	
direct	-1706 Dec 11 j 15:57	15°♏55'28	
morning max el	-1706 Dec 23 j 16:08	23°♏02'50	25°25'00
	-1706 Dec 29 j 20:24	0°♐	
desc. node	-1705 Jan 02 j 04:58	4°♐16'08	
	-1705 Jan 19 j 13:52	0°♑	
morning set	-1705 Jan 28 j 21:34	16°♑02'26	
max. Earth dist.	-1705 Feb 01 j 16:38	23°♑02'51	1.36406 AU
	-1705 Feb 05 j 07:36	0°♒	
superior conj	-1705 Feb 07 j 13:55	4°♒27'41	-1°-34'00
minimum elong	-1705 Feb 07 j 17:28	4°♒45'21	1°33'37
evening rise	-1705 Feb 15 j 17:59	20°♒59'42	
asc. node	-1705 Feb 18 j 07:51	26°♒08'50	
	-1705 Feb 20 j 07:33	0°♓	
evening max el	-1705 Mar 05 j 06:25	19°♓16'48	19°47'21
retrograde	-1705 Mar 15 j 02:17	23°♓58'27	
evening set	-1705 Mar 17 j 07:03	23°♓45'24	
inferior conj	-1705 Mar 25 j 23:04	19°♓43'03	1°25'47
minimum elong	-1705 Mar 26 j 02:31	19°♓37'39	1°24'38
min. Earth dist.	-1705 Mar 28 j 06:56	18°♓16'27	0.55823 AU
desc. node	-1705 Mar 31 j 04:03	16°♓38'35	
morning rise	-1705 Apr 03 j 18:48	15°♓08'28	
direct	-1705 Apr 07 j 23:53	14°♓29'06	
morning max el	-1705 Apr 21 j 22:02	21°♓26'44	24°18'05
	-1705 Apr 29 j 07:46	0°♈	
	-1705 May 16 j 11:24	0°♉	
morning set	-1705 May 16 j 20:23	0°♉47'05	
asc. node	-1705 May 17 j 07:11	1°♉43'54	
superior conj	-1705 May 23 j 22:13	16°♉00'17	1°04'39
minimum elong	-1705 May 23 j 19:50	15°♉47'22	1°04'15
max. Earth dist.	-1705 May 25 j 15:25	19°♉42'07	1.33240 AU
	-1705 May 30 j 13:10	0°♊	
evening rise	-1705 May 31 j 07:36	1°♊33'43	
	-1705 Jun 16 j 04:09	0°♋	
desc. node	-1705 Jun 27 j 03:15	15°♋14'12	
evening max el	-1705 Jul 03 j 08:55	22°♋01'16	27°25'05
retrograde	-1705 Jul 17 j 01:53	29°♋22'11	

evening set	-1705 Jul 24 j 06:28	26°♋45'25	
min. Earth dist.	-1705 Jul 27 j 20:45	23°♋40'06	0.63259 AU
inferior conj	-1705 Jul 30 j 14:04	20°♋56'54	-3°-49'-55
minimum elong	-1705 Jul 30 j 18:20	20°♋46'13	3°48'58
morning rise	-1705 Aug 06 j 08:22	15°♋42'02	
direct	-1705 Aug 08 j 21:10	15°♋11'22	
asc. node	-1705 Aug 13 j 06:25	16°♋44'05	
morning max el	-1705 Aug 15 j 11:26	18°♋36'05	17°54'52
	-1705 Aug 23 j 18:22	0°♌	
morning set	-1705 Sep 01 j 01:13	14°♌16'37	
	-1705 Sep 10 j 03:26	0°♍	
superior conj	-1705 Sep 13 j 01:02	4°♍52'02	1°02'41
minimum elong	-1705 Sep 13 j 06:21	5°♍14'10	1°02'05
max. Earth dist.	-1705 Sep 19 j 10:18	15°♍19'05	1.43684 AU
desc. node	-1705 Sep 23 j 02:38	21°♍11'22	
evening rise	-1705 Sep 28 j 16:54	29°♍56'25	
	-1705 Sep 28 j 17:50	0°♎	
	-1705 Oct 18 j 23:21	0°♏	
greatest brilliancy	-1705 Oct 22 j 07:29	4°♏28'48	-0.5m
evening max el	-1705 Oct 27 j 21:35	11°♏04'13	20°55'47
retrograde	-1705 Nov 05 j 06:27	16°♏01'54	
evening set	-1705 Nov 09 j 04:23	14°♏34'36	
asc. node	-1705 Nov 09 j 05:36	14°♏32'20	
inferior conj	-1705 Nov 14 j 14:52	8°♏21'34	1°46'41
minimum elong	-1705 Nov 14 j 12:38	8°♏29'13	1°45'49
min. Earth dist.	-1705 Nov 15 j 02:15	7°♏42'38	0.67204 AU
morning rise	-1705 Nov 19 j 20:29	2°♏05'23	
	-1705 Nov 23 j 13:43	30°℞♎	
direct	-1705 Nov 25 j 03:33	29°♎48'30	
	-1705 Nov 26 j 18:54	0°♏	
morning max el	-1705 Dec 06 j 00:49	6°♏18'04	24°00'36
desc. node	-1705 Dec 20 j 02:00	23°♏45'27	
	-1705 Dec 24 j 10:17	0°♐	
morning set	-1704 Jan 10 j 14:53	27°♐21'00	
	-1704 Jan 12 j 03:38	0°♑	
max. Earth dist.	-1704 Jan 14 j 12:48	4°♑11'56	1.38385 AU
superior conj	-1704 Jan 21 j 17:25	17°♑27'12	-1°-50'-38
minimum elong	-1704 Jan 21 j 20:19	17°♑40'59	1°50'30
	-1704 Jan 28 j 04:37	0°♒	
evening rise	-1704 Jan 30 j 15:56	4°♒51'28	
asc. node	-1704 Feb 05 j 04:55	15°♒27'24	
	-1704 Feb 14 j 18:13	0°♓	
evening max el	-1704 Feb 16 j 03:46	1°♓26'54	18°54'17
retrograde	-1704 Feb 24 j 11:45	5°♓27'57	
evening set	-1704 Feb 26 j 19:34	5°♓10'26	
inferior conj	-1704 Mar 05 j 17:44	0°♓52'26	2°50'17
minimum elong	-1704 Mar 05 j 22:18	0°♓44'12	2°49'11
	-1704 Mar 06 j 22:44	30°℞♒	
min. Earth dist.	-1704 Mar 08 j 23:05	28°♒34'20	0.57319 AU
morning rise	-1704 Mar 13 j 20:58	25°♒45'55	
desc. node	-1704 Mar 17 j 01:08	24°♒48'05	
direct	-1704 Mar 19 j 06:15	24°♒36'09	
	-1704 Mar 31 j 07:29	0°♓	
morning max el	-1704 Apr 02 j 13:22	2°♓01'59	25°51'08
	-1704 Apr 22 j 08:01	0°♈	
morning set	-1704 Apr 30 j 08:11	15°♈46'38	
asc. node	-1704 May 03 j 04:14	21°♈49'30	
	-1704 May 06 j 22:16	0°♉	
superior conj	-1704 May 07 j 09:09	0°♉59'30	0°43'02
minimum elong	-1704 May 07 j 07:22	0°♉49'48	0°42'41
max. Earth dist.	-1704 May 08 j 01:50	2°♉30'41	1.32662 AU
evening rise	-1704 May 14 j 11:44	16°♉13'09	
	-1704 May 21 j 12:08	0°♊	
	-1704 Jun 10 j 08:48	0°♋	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1704 Jun	13 j 00:18	2°♋52'48	
evening max el	-1704 Jun	14 j 14:54	4°♋28'31	27°05'24
retrograde	-1704 Jun	28 j 13:18	11°♋47'52	
evening set	-1704 Jul	05 j 13:13	9°♋34'16	
min. Earth dist.	-1704 Jul	09 j 04:45	6°♋50'27	0.61365 AU
inferior conj	-1704 Jul	12 j 09:15	4°♋01'41	-4°-21'-52
minimum elong	-1704 Jul	12 j 12:17	3°♋54'57	4°21'29
	-1704 Jul	17 j 15:54	30°℞♊	
morning rise	-1704 Jul	19 j 14:15	29°♊07'55	
direct	-1704 Jul	22 j 01:23	28°♊42'48	
	-1704 Jul	26 j 06:57	0°♋	
morning max el	-1704 Jul	29 j 01:16	2°♋11'18	18°00'22
asc. node	-1704 Jul	30 j 03:29	3°♋19'10	
morning set	-1704 Aug	13 j 23:49	27°♋17'22	
	-1704 Aug	15 j 11:13	0°♌	
superior conj	-1704 Aug	24 j 08:47	16°♌01'52	1°30'12
minimum elong	-1704 Aug	24 j 13:09	16°♌20'56	1°29'50
max. Earth dist.	-1704 Aug	31 j 20:53	28°♌49'15	1.42148 AU
	-1704 Sep	01 j 14:00	0°♍	
evening rise	-1704 Sep	07 j 05:07	9°♍06'30	
desc. node	-1704 Sep	08 j 23:38	11°♍54'22	
	-1704 Sep	20 j 22:07	0°♎	
greatest brilliancy	-1704 Oct	04 j 22:41	19°♎10'10	-0.3m
evening max el	-1704 Oct	09 j 16:25	24°♎31'13	22°10'31
	-1704 Oct	17 j 21:15	0°♏	
retrograde	-1704 Oct	19 j 02:19	0°♏07'08	
	-1704 Oct	20 j 06:34	30°℞♎	
evening set	-1704 Oct	23 j 12:17	28°♎22'15	
asc. node	-1704 Oct	26 j 02:40	25°♎43'26	
inferior conj	-1704 Oct	28 j 21:24	22°♎02'35	0°56'51
minimum elong	-1704 Oct	28 j 20:06	22°♎07'02	0°56'19
min. Earth dist.	-1704 Oct	28 j 22:03	22°♎00'18	0.67518 AU
morning rise	-1704 Nov	03 j 03:45	15°♎47'13	
direct	-1704 Nov	07 j 19:38	13°♎52'20	
morning max el	-1704 Nov	17 j 11:36	19°♎36'53	22°33'19
greatest brilliancy	-1704 Nov	22 j 03:34	24°♎51'10	-0.3m
	-1704 Nov	26 j 04:41	0°♏	
desc. node	-1704 Dec	05 j 23:01	13°♏41'37	
	-1704 Dec	16 j 15:41	0°♐	
morning set	-1704 Dec	21 j 04:10	7°♐15'43	
max. Earth dist.	-1704 Dec	26 j 08:52	15°♐54'35	1.40488 AU
superior conj	-1703 Jan	03 j 03:56	29°♐33'24	-1°-58'-48
minimum elong	-1703 Jan	03 j 04:33	29°♐36'11	1°58'51
	-1703 Jan	03 j 09:50	0°♑	
evening rise	-1703 Jan	13 j 04:02	18°♑09'03	
	-1703 Jan	19 j 13:54	0°♒	
asc. node	-1703 Jan	22 j 01:57	4°♒17'05	
evening max el	-1703 Jan	29 j 09:06	14°♒06'50	18°21'20
retrograde	-1703 Feb	05 j 15:44	17°♒42'51	
evening set	-1703 Feb	08 j 03:38	17°♒18'33	
inferior conj	-1703 Feb	15 j 09:11	12°♒39'51	3°38'26
minimum elong	-1703 Feb	15 j 11:57	12°♒34'01	3°38'04
min. Earth dist.	-1703 Feb	18 j 19:04	9°♒49'34	0.59271 AU
morning rise	-1703 Feb	22 j 16:46	7°♒08'31	
direct	-1703 Mar	01 j 01:49	5°♒20'14	
desc. node	-1703 Mar	03 j 22:11	5°♒41'11	
morning max el	-1703 Mar	15 j 08:46	13°♒00'42	27°02'08
	-1703 Mar	28 j 19:33	0°♓	
	-1703 Apr	14 j 10:27	0°♈	
morning set	-1703 Apr	14 j 18:02	0°♈39'24	
asc. node	-1703 Apr	20 j 01:18	12°♈00'48	
superior conj	-1703 Apr	21 j 20:56	15°♈59'42	0°19'06
minimum elong	-1703 Apr	21 j 20:05	15°♈55'04	0°18'55
max. Earth dist.	-1703 Apr	21 j 14:49	15°♈26'11	1.32437 AU
	-1703 Apr	28 j 08:04	0°♉	
evening rise	-1703 Apr	28 j 20:25	1°♉05'02	
	-1703 May	14 j 16:20	0°♊	
evening max el	-1703 May	27 j 14:54	16°♊13'36	26°13'25
desc. node	-1703 May	30 j 21:20	19°♊03'27	
retrograde	-1703 Jun	10 j 16:29	23°♊29'06	
evening set	-1703 Jun	16 j 23:37	21°♊50'59	
min. Earth dist.	-1703 Jun	21 j 03:54	19°♊11'52	0.59313 AU
inferior conj	-1703 Jun	24 j 12:25	16°♊37'22	-4°-34'-9
minimum elong	-1703 Jun	24 j 12:26	16°♊37'21	4°34'09
morning rise	-1703 Jul	02 j 04:50	12°♊05'57	
direct	-1703 Jul	04 j 16:11	11°♊44'40	
morning max el	-1703 Jul	12 j 10:31	15°♊27'41	18°25'30
asc. node	-1703 Jul	17 j 00:32	20°♊56'06	
	-1703 Jul	22 j 14:48	0°♋	
morning set	-1703 Jul	28 j 12:03	10°♋58'58	
superior conj	-1703 Aug	06 j 16:24	28°♋23'15	1°44'34
minimum elong	-1703 Aug	06 j 18:25	28°♋32'33	1°44'30
	-1703 Aug	07 j 13:26	0°♌	
max. Earth dist.	-1703 Aug	14 j 02:02	11°♌37'28	1.40265 AU
evening rise	-1703 Aug	18 j 14:45	19°♌17'59	
	-1703 Aug	25 j 05:54	0°♍	
desc. node	-1703 Aug	26 j 20:41	2°♍31'07	
	-1703 Sep	15 j 06:02	0°♎	
evening max el	-1703 Sep	22 j 06:37	8°♎00'52	23°30'31
retrograde	-1703 Oct	02 j 19:12	14°♎13'52	
evening set	-1703 Oct	07 j 19:01	12°♎10'15	
asc. node	-1703 Oct	12 j 23:42	6°♎03'21	
inferior conj	-1703 Oct	13 j 04:14	5°♎47'49	0°03'55
minimum elong	-1703 Oct	13 j 04:09	5°♎48'09	0°03'52
transit middle	-1703 Oct	13 j 04:09	5°♎48'09	0°03'52
transit begin	-1703 Oct	13 j 01:31	5°♎57'09	
transit end	-1703 Oct	13 j 06:47	5°♎39'08	
min. Earth dist.	-1703 Oct	12 j 18:39	6°♎20'39	0.67525 AU
	-1703 Oct	18 j 01:37	30°℞♍	
morning rise	-1703 Oct	18 j 13:20	29°♍36'10	
direct	-1703 Oct	22 j 15:12	28°♍03'04	
	-1703 Oct	27 j 16:07	0°♎	
morning max el	-1703 Oct	31 j 03:51	3°♎03'16	21°11'28
greatest brilliancy	-1703 Nov	05 j 13:51	9°♎20'09	-0.5m
	-1703 Nov	20 j 04:58	0°♏	
desc. node	-1703 Nov	22 j 20:03	3°♏57'23	
morning set	-1703 Nov	30 j 13:51	15°♏53'29	
max. Earth dist.	-1703 Dec	08 j 11:30	28°♏32'50	1.42426 AU
	-1703 Dec	09 j 08:46	0°♐	
superior conj	-1703 Dec	15 j 16:02	10°♐33'51	-1°-54'-25
minimum elong	-1703 Dec	15 j 12:38	10°♐19'20	1°54'18
	-1703 Dec	26 j 16:38	0°♑	
evening rise	-1703 Dec	27 j 02:41	0°♑45'22	
asc. node	-1702 Jan	08 j 22:59	22°♑29'10	
evening max el	-1702 Jan	12 j 19:28	27°♑08'16	18°08'09
	-1702 Jan	16 j 19:07	0°♒	
retrograde	-1702 Jan	19 j 11:58	0°♒34'35	
evening set	-1702 Jan	22 j 03:36	0°♒02'16	
	-1702 Jan	22 j 05:51	30°℞♑	
inferior conj	-1702 Jan	28 j 19:32	25°♑01'34	3°55'33
minimum elong	-1702 Jan	28 j 19:49	25°♑00'52	3°55'32
min. Earth dist.	-1702 Jan	31 j 21:38	22°♑03'54	0.61337 AU
morning rise	-1702 Feb	04 j 09:31	19°♑13'32	
direct	-1702 Feb	11 j 07:42	16°♑50'57	
desc. node	-1702 Feb	18 j 19:15	19°♑16'20	
morning max el	-1702 Feb	25 j 10:15	24°♑37'50	27°40'15
	-1702 Mar	02 j 08:14	0°♒	
	-1702 Mar	22 j 02:35	0°♓	
morning set	-1702 Mar	29 j 23:59	15°♓17'58	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

max. Earth dist.	-1702 Apr 05 j 02:38	28°♓14'58	1.32570 AU
	-1702 Apr 05 j 21:57	0°♈	
superior conj	-1702 Apr 06 j 07:52	0°♈54'05	0°-6'-22
minimum elong	-1702 Apr 06 j 08:09	0°♈55'41	0°06'18
behind sun begin	-1702 Apr 06 j 03:28	0°♈30'07	
behind sun end	-1702 Apr 06 j 12:51	1°♈21'15	
asc. node	-1702 Apr 06 j 22:20	2°♈13'01	
evening rise	-1702 Apr 13 j 07:32	16°♈01'15	
	-1702 Apr 20 j 07:28	0°♉	
evening max el	-1702 May 09 j 08:43	27°♉17'20	24°54'46
	-1702 May 12 j 11:38	0°♊	
desc. node	-1702 May 17 j 18:23	3°♊11'22	
retrograde	-1702 May 23 j 08:48	4°♊23'31	
evening set	-1702 May 28 j 11:21	3°♊24'00	
min. Earth dist.	-1702 Jun 02 j 20:33	0°♊32'53	0.57367 AU
	-1702 Jun 03 j 16:43	30°℞♉	
inferior conj	-1702 Jun 05 j 20:15	28°♉33'43	-4°-15'-46
minimum elong	-1702 Jun 05 j 16:04	28°♉40'44	4°15'14
morning rise	-1702 Jun 14 j 00:43	24°♉23'15	
direct	-1702 Jun 16 j 13:30	24°♉04'41	
morning max el	-1702 Jun 25 j 12:10	28°♉15'02	19°11'12
	-1702 Jun 27 j 05:21	0°♊	
asc. node	-1702 Jul 03 j 21:35	9°♊20'24	
morning set	-1702 Jul 12 j 09:54	25°♊10'19	
	-1702 Jul 14 j 20:10	0°♋	
superior conj	-1702 Jul 20 j 18:02	11°♋39'23	1°48'06
minimum elong	-1702 Jul 20 j 17:52	11°♋38'33	1°48'08
max. Earth dist.	-1702 Jul 27 j 04:44	23°♋46'58	1.38281 AU
	-1702 Jul 30 j 16:09	0°♌	
evening rise	-1702 Jul 31 j 01:46	0°♌42'05	
desc. node	-1702 Aug 13 j 17:42	22°♌56'27	
	-1702 Aug 18 j 12:35	0°♍	
evening max el	-1702 Sep 04 j 18:18	21°♍33'45	24°49'20
retrograde	-1702 Sep 16 j 08:06	28°♍17'58	
evening set	-1702 Sep 21 j 22:52	25°♍56'04	
min. Earth dist.	-1702 Sep 26 j 13:30	20°♍41'24	0.67214 AU
inferior conj	-1702 Sep 27 j 09:39	19°♍34'38	0°-50'-38
minimum elong	-1702 Sep 27 j 10:53	19°♍30'33	0°50'09
asc. node	-1702 Sep 29 j 20:45	16°♍26'53	
morning rise	-1702 Oct 02 j 23:17	13°♍29'48	
direct	-1702 Oct 06 j 12:54	12°♍16'23	
morning max el	-1702 Oct 14 j 03:36	16°♍39'34	20°00'43
greatest brilliancy	-1702 Oct 21 j 11:27	25°♍40'48	-0.6m
	-1702 Oct 24 j 12:45	0°♎	
morning set	-1702 Nov 09 j 10:58	24°♎03'12	
desc. node	-1702 Nov 09 j 17:06	24°♎26'56	
	-1702 Nov 13 j 06:50	0°♏	
max. Earth dist.	-1702 Nov 20 j 22:21	12°♏03'43	1.43916 AU
superior conj	-1702 Nov 26 j 01:19	20°♏19'26	-1°-33'-26
minimum elong	-1702 Nov 25 j 18:03	19°♏49'50	1°32'50
	-1702 Dec 01 j 22:05	0°♐	
evening rise	-1702 Dec 09 j 07:41	12°♐32'46	
	-1702 Dec 19 j 15:57	0°♑	
asc. node	-1702 Dec 26 j 20:00	9°♑52'45	
evening max el	-1702 Dec 27 j 07:57	10°♑23'50	18°14'11
retrograde	-1701 Jan 02 j 20:09	13°♑53'26	
evening set	-1701 Jan 05 j 15:40	13°♑12'14	
inferior conj	-1701 Jan 11 j 21:05	7°♑50'44	3°49'48
minimum elong	-1701 Jan 11 j 19:27	7°♑55'11	3°49'37
min. Earth dist.	-1701 Jan 14 j 09:22	5°♑07'19	0.63239 AU
morning rise	-1701 Jan 17 j 21:31	1°♑51'16	
	-1701 Jan 20 j 21:39	30°℞♐	
direct	-1701 Jan 24 j 21:51	29°♐07'05	
	-1701 Jan 29 j 03:54	0°♑	
desc. node	-1701 Feb 05 j 16:18	5°♑00'17	
morning max el	-1701 Feb 07 j 17:08	6°♑55'23	27°41'37
	-1701 Feb 25 j 09:36	0°♒	
morning set	-1701 Mar 13 j 23:48	29°♒34'43	
	-1701 Mar 14 j 04:51	0°♓	
max. Earth dist.	-1701 Mar 19 j 09:21	10°♓43'36	1.33088 AU
superior conj	-1701 Mar 21 j 16:16	15°♓36'53	0°-32'-27
minimum elong	-1701 Mar 21 j 17:46	15°♓45'00	0°32'08
asc. node	-1701 Mar 24 j 19:22	22°♓22'10	
	-1701 Mar 28 j 08:50	0°♈	
evening rise	-1701 Mar 28 j 19:16	0°♈55'09	
	-1701 Apr 14 j 04:16	0°♉	
evening max el	-1701 Apr 20 j 23:47	7°♉56'32	23°21'33
retrograde	-1701 May 04 j 12:35	14°♉40'46	
desc. node	-1701 May 04 j 15:24	14°♉40'44	
evening set	-1701 May 08 j 05:34	14°♉10'36	
min. Earth dist.	-1701 May 15 j 10:04	10°♉54'14	0.55856 AU
inferior conj	-1701 May 17 j 08:06	9°♉46'15	-3°-16'-6
minimum elong	-1701 May 17 j 01:24	9°♉56'11	3°14'23
morning rise	-1701 May 26 j 00:36	5°♉49'54	
direct	-1701 May 28 j 15:46	5°♉32'56	
morning max el	-1701 Jun 08 j 03:50	10°♉24'49	20°17'40
asc. node	-1701 Jun 20 j 18:39	28°♉20'53	
	-1701 Jun 21 j 15:57	0°♊	
morning set	-1701 Jun 26 j 14:26	9°♊43'34	
superior conj	-1701 Jul 04 j 08:43	25°♊36'12	1°43'13
minimum elong	-1701 Jul 04 j 07:02	25°♊27'46	1°43'10
	-1701 Jul 06 j 13:26	0°♋	
max. Earth dist.	-1701 Jul 09 j 10:15	5°♋36'09	1.36433 AU
evening rise	-1701 Jul 13 j 11:12	13°♋12'14	
	-1701 Jul 23 j 03:48	0°♌	
desc. node	-1701 Jul 31 j 14:42	13°♌04'40	
	-1701 Aug 13 j 10:15	0°♍	
evening max el	-1701 Aug 18 j 05:25	5°♍08'03	25°59'19
retrograde	-1701 Aug 30 j 16:22	12°♍14'28	
evening set	-1701 Sep 05 j 21:55	9°♍37'24	
min. Earth dist.	-1701 Sep 10 j 04:14	4°♍59'57	0.66571 AU
inferior conj	-1701 Sep 11 j 11:49	3°♍20'38	-1°-45'-14
minimum elong	-1701 Sep 11 j 14:23	3°♍12'33	1°44'14
	-1701 Sep 14 j 07:16	30°℞♌	
asc. node	-1701 Sep 16 j 17:48	27°♌48'15	
morning rise	-1701 Sep 17 j 07:39	27°♌25'38	
direct	-1701 Sep 20 j 11:10	26°♌28'41	
	-1701 Sep 27 j 00:43	0°♍	
morning max el	-1701 Sep 27 j 10:30	0°♍24'23	19°04'10
	-1701 Oct 17 j 23:28	0°♎	
morning set	-1701 Oct 19 j 19:37	2°♎53'21	
desc. node	-1701 Oct 27 j 14:06	15°♎05'17	
max. Earth dist.	-1701 Nov 03 j 14:33	26°♎07'17	1.44774 AU
superior conj	-1701 Nov 05 j 10:06	28°♎59'12	0°-55'-4
minimum elong	-1701 Nov 05 j 03:26	28°♎32'52	0°54'18
	-1701 Nov 06 j 01:29	0°♏	
evening rise	-1701 Nov 20 j 14:35	23°♏22'21	
	-1701 Nov 24 j 15:52	0°♐	
evening max el	-1701 Dec 10 j 19:49	23°♐46'36	18°38'40
asc. node	-1701 Dec 13 j 17:02	26°♐13'31	
retrograde	-1701 Dec 17 j 11:58	27°♐30'19	
evening set	-1701 Dec 20 j 12:26	26°♐38'56	
inferior conj	-1701 Dec 26 j 09:58	20°♐59'07	3°27'56
minimum elong	-1701 Dec 26 j 07:17	21°♐07'09	3°27'22
min. Earth dist.	-1701 Dec 28 j 07:06	18°♐44'15	0.64825 AU
morning rise	-1700 Jan 01 j 00:57	14°♐51'41	
direct	-1700 Jan 07 j 19:03	12°♐00'41	
morning max el	-1700 Jan 21 j 02:39	19°♐43'12	27°08'42

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1700 Jan 23 j 13:21	22°♐17'10	
	-1700 Jan 29 j 22:45	0°♑	
	-1700 Feb 18 j 09:44	0°♒	
morning set	-1700 Feb 25 j 14:25	13°♒19'23	
max. Earth dist.	-1700 Mar 01 j 06:58	22°♒39'36	1.34024 AU
superior conj	-1700 Mar 04 j 20:09	0°♓01'07	0°-58'-6
minimum elong	-1700 Mar 04 j 22:47	0°♓14'58	0°57'38
	-1700 Mar 04 j 19:56	0°♓	
asc. node	-1700 Mar 10 j 16:24	12°♓23'26	
evening rise	-1700 Mar 12 j 05:48	15°♓39'43	
	-1700 Mar 19 j 12:29	0°♈	
evening max el	-1700 Apr 01 j 18:50	18°♈40'01	21°48'23
retrograde	-1700 Apr 14 j 05:29	24°♈43'24	
evening set	-1700 Apr 16 j 20:36	24°♈27'53	
desc. node	-1700 Apr 20 j 12:26	23°♈19'49	
inferior conj	-1700 Apr 26 j 05:31	20°♈24'13	-1°-35'-41
minimum elong	-1700 Apr 26 j 01:08	20°♈30'22	1°34'11
min. Earth dist.	-1700 Apr 25 j 23:22	20°♈32'52	0.55100 AU
morning rise	-1700 May 05 j 06:42	16°♈26'35	
direct	-1700 May 08 j 04:22	16°♈07'57	
morning max el	-1700 May 20 j 08:35	21°♈52'23	21°42'49
	-1700 May 27 j 06:42	0°♉	
asc. node	-1700 Jun 06 j 15:43	17°♉48'14	
morning set	-1700 Jun 09 j 23:21	24°♉32'00	
	-1700 Jun 12 j 14:04	0°♊	
superior conj	-1700 Jun 17 j 08:29	10°♊01'51	1°31'55
minimum elong	-1700 Jun 17 j 06:03	9°♊49'10	1°31'41
max. Earth dist.	-1700 Jun 20 j 23:38	17°♊30'26	1.34889 AU
evening rise	-1700 Jun 25 j 14:02	26°♊35'13	
	-1700 Jun 27 j 09:12	0°♋	
	-1700 Jul 15 j 12:07	0°♌	
desc. node	-1700 Jul 17 j 11:41	2°♌48'19	
evening max el	-1700 Jul 30 j 16:57	18°♌38'43	26°52'38
retrograde	-1700 Aug 12 j 19:43	25°♌57'09	
evening set	-1700 Aug 19 j 13:57	23°♌11'42	
min. Earth dist.	-1700 Aug 23 j 12:37	19°♌12'21	0.65569 AU
inferior conj	-1700 Aug 25 j 08:47	17°♌03'07	-2°-37'-52
minimum elong	-1700 Aug 25 j 12:29	16°♌52'16	2°36'35
morning rise	-1700 Aug 31 j 12:18	11°♌21'06	
asc. node	-1700 Sep 02 j 14:53	10°♌39'49	
direct	-1700 Sep 03 j 08:07	10°♌36'58	
morning max el	-1700 Sep 09 j 22:46	14°♌14'17	18°23'37
	-1700 Sep 21 j 05:51	0°♍	
morning set	-1700 Sep 29 j 06:47	13°♍03'09	
	-1700 Oct 09 j 19:03	0°♎	
desc. node	-1700 Oct 13 j 11:06	5°♎49'19	
superior conj	-1700 Oct 14 j 10:14	7°♎20'43	0°-6'-15
minimum elong	-1700 Oct 14 j 09:25	7°♎17'29	0°06'09
behind sun begin	-1700 Oct 13 j 22:56	6°♎36'05	
behind sun end	-1700 Oct 14 j 19:54	7°♎58'52	
max. Earth dist.	-1700 Oct 16 j 08:47	10°♎24'11	1.44911 AU
	-1700 Oct 28 j 20:28	0°♏	
evening rise	-1700 Oct 30 j 21:15	3°♏11'26	
greatest brilliancy	-1700 Nov 13 j 15:40	24°♏34'39	-0.7m
	-1700 Nov 17 j 09:16	0°♐	
evening max el	-1700 Nov 23 j 04:46	7°♐13'11	19°20'20
asc. node	-1700 Nov 29 j 14:05	11°♐16'42	
retrograde	-1700 Nov 30 j 07:57	11°♐19'50	
evening set	-1700 Dec 03 j 15:05	10°♐16'24	
inferior conj	-1700 Dec 09 j 06:56	4°♐21'16	2°54'41
minimum elong	-1700 Dec 09 j 03:59	4°♐30'45	2°53'50
min. Earth dist.	-1700 Dec 10 j 13:49	2°♐42'09	0.66042 AU
	-1700 Dec 12 j 19:41	30°℞♏	
morning rise	-1700 Dec 14 j 16:03	28°♏08'33	
direct	-1700 Dec 20 j 22:36	25°♏23'54	
	-1700 Dec 30 j 11:42	0°♐	
morning max el	-1699 Jan 02 j 12:10	2°♐48'34	26°08'19
desc. node	-1699 Jan 09 j 10:25	10°♐40'02	
	-1699 Jan 23 j 04:15	0°♑	
morning set	-1699 Feb 07 j 15:50	26°♑19'53	
	-1699 Feb 09 j 14:41	0°♒	
max. Earth dist.	-1699 Feb 11 j 16:45	4°♒00'36	1.35413 AU
superior conj	-1699 Feb 16 j 17:10	14°♒00'00	-1°-21'-53
minimum elong	-1699 Feb 16 j 20:35	14°♒17'22	1°21'26
	-1699 Feb 24 j 11:28	0°♓	
evening rise	-1699 Feb 24 j 13:14	0°♓09'04	
asc. node	-1699 Feb 25 j 13:26	2°♓12'31	
evening max el	-1699 Mar 14 j 23:31	29°♓52'47	20°26'39
	-1699 Mar 15 j 02:33	0°♈	
retrograde	-1699 Mar 25 j 19:10	5°♈03'11	
evening set	-1699 Mar 28 j 00:09	4°♈51'10	
inferior conj	-1699 Apr 06 j 01:11	0°♈53'32	0°22'46
minimum elong	-1699 Apr 06 j 02:13	0°♈52'01	0°22'24
desc. node	-1699 Apr 07 j 09:31	0°♈06'15	
min. Earth dist.	-1699 Apr 07 j 13:25	0°♈00'35	0.55292 AU
	-1699 Apr 07 j 13:49	30°℞♓	
morning rise	-1699 Apr 15 j 02:11	26°♓35'48	
direct	-1699 Apr 18 j 16:52	26°♓07'23	
	-1699 Apr 28 j 22:51	0°♈	
morning max el	-1699 May 02 j 04:02	2°♈42'47	23°20'29
	-1699 May 20 j 18:12	0°♉	
asc. node	-1699 May 24 j 12:46	7°♉35'02	
morning set	-1699 May 25 j 10:42	9°♉29'17	
superior conj	-1699 Jun 01 j 14:19	24°♉46'28	1°15'43
minimum elong	-1699 Jun 01 j 11:46	24°♉32'47	1°15'22
max. Earth dist.	-1699 Jun 03 j 22:49	29°♉46'44	1.33728 AU
	-1699 Jun 04 j 01:20	0°♊	
evening rise	-1699 Jun 09 j 05:31	10°♊37'00	
	-1699 Jun 19 j 17:30	0°♋	
desc. node	-1699 Jul 04 j 08:44	21°♋56'20	
	-1699 Jul 11 j 06:06	0°♌	
evening max el	-1699 Jul 13 j 04:14	1°♌55'16	27°21'52
retrograde	-1699 Jul 26 j 17:27	9°♌16'53	
evening set	-1699 Aug 02 j 20:02	6°♌33'27	
min. Earth dist.	-1699 Aug 06 j 12:32	3°♌10'01	0.64198 AU
inferior conj	-1699 Aug 08 j 22:07	0°♌36'36	-3°-25'-54
minimum elong	-1699 Aug 09 j 02:26	0°♌25'03	3°24'42
	-1699 Aug 09 j 11:52	30°℞♋	
morning rise	-1699 Aug 15 j 10:39	25°♋10'40	
direct	-1699 Aug 18 j 01:15	24°♋35'56	
asc. node	-1699 Aug 20 j 11:58	25°♋06'38	
morning max el	-1699 Aug 24 j 13:46	28°♋03'10	18°00'11
	-1699 Aug 26 j 08:14	0°♌	
morning set	-1699 Sep 10 j 21:16	24°♌31'48	
	-1699 Sep 14 j 02:27	0°♍	
superior conj	-1699 Sep 23 j 23:51	16°♍25'07	0°40'35
minimum elong	-1699 Sep 24 j 04:10	16°♍42'40	0°40'02
max. Earth dist.	-1699 Sep 29 j 02:13	24°♍36'49	1.44325 AU
desc. node	-1699 Sep 30 j 08:06	26°♍35'26	
	-1699 Oct 02 j 11:56	0°♎	
evening rise	-1699 Oct 10 j 08:16	12°♎12'57	
	-1699 Oct 22 j 00:42	0°♏	
greatest brilliancy	-1699 Oct 30 j 19:41	12°♏40'35	-0.6m
evening max el	-1699 Nov 06 j 08:58	20°♏40'44	20°17'16
retrograde	-1699 Nov 14 j 05:23	25°♏17'45	
asc. node	-1699 Nov 16 j 11:09	24°♏48'53	
evening set	-1699 Nov 17 j 21:18	23°♏59'54	
inferior conj	-1699 Nov 23 j 09:18	17°♏52'37	2°13'17

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1699 Nov 23 j 06:40	18°♏01'27	2°12'22
min. Earth dist.	-1699 Nov 24 j 03:25	16°♏51'41	0.66888 AU
morning rise	-1699 Nov 28 j 15:28	11°♏37'07	
direct	-1699 Dec 04 j 07:33	9°♏08'16	
morning max el	-1699 Dec 15 j 20:39	16°♏00'54	24°49'51
desc. node	-1699 Dec 27 j 07:27	29°♏49'13	
	-1699 Dec 27 j 10:38	0°♐	
	-1698 Jan 16 j 02:48	0°♑	
morning set	-1698 Jan 20 j 22:40	8°♑20'36	
max. Earth dist.	-1698 Jan 24 j 15:57	15°♑03'28	1.37218 AU
superior conj	-1698 Jan 31 j 04:13	27°♑24'48	-1°-41'-52
minimum elong	-1698 Jan 31 j 07:40	27°♑41'36	1°41'36
	-1698 Feb 01 j 11:52	0°♒	
evening rise	-1698 Feb 08 j 15:23	14°♒16'50	
asc. node	-1698 Feb 12 j 10:29	21°♒44'16	
	-1698 Feb 16 j 23:30	0°♓	
evening max el	-1698 Feb 25 j 15:16	11°♓43'27	19°22'23
retrograde	-1698 Mar 06 j 18:31	16°♓05'28	
evening set	-1698 Mar 09 j 00:24	15°♓50'50	
inferior conj	-1698 Mar 17 j 08:56	11°♓43'08	2°06'02
minimum elong	-1698 Mar 17 j 13:21	11°♓35'51	2°04'43
min. Earth dist.	-1698 Mar 20 j 04:20	9°♓52'47	0.56383 AU
desc. node	-1698 Mar 25 j 06:35	7°♓09'42	
morning rise	-1698 Mar 25 j 22:30	6°♓54'48	
direct	-1698 Mar 30 j 15:52	6°♓03'48	
morning max el	-1698 Apr 13 j 18:54	13°♓15'22	24°59'27
	-1698 Apr 26 j 19:34	0°♈	
morning set	-1698 May 09 j 22:50	24°♈30'14	
asc. node	-1698 May 11 j 09:49	27°♈35'41	
	-1698 May 12 j 12:43	0°♉	
superior conj	-1698 May 16 j 23:59	9°♉42'43	0°55'49
minimum elong	-1698 May 16 j 21:48	9°♉30'53	0°55'26
max. Earth dist.	-1698 May 18 j 06:15	12°♉27'02	1.32950 AU
evening rise	-1698 May 24 j 05:58	25°♉06'17	
	-1698 May 26 j 16:23	0°♊	
	-1698 Jun 13 j 07:12	0°♋	
desc. node	-1698 Jun 21 j 05:47	10°♋13'44	
evening max el	-1698 Jun 25 j 13:06	14°♋44'58	27°20'56
retrograde	-1698 Jul 09 j 08:41	22°♋04'50	
evening set	-1698 Jul 16 j 12:30	19°♋36'36	
min. Earth dist.	-1698 Jul 20 j 02:30	16°♋41'52	0.62482 AU
inferior conj	-1698 Jul 23 j 00:54	13°♋54'33	-4°-5'-21
minimum elong	-1698 Jul 23 j 04:50	13°♋45'09	4°04'37
morning rise	-1698 Jul 29 j 23:35	8°♋48'02	
direct	-1698 Aug 01 j 11:28	8°♋19'53	
asc. node	-1698 Aug 07 j 09:02	10°♋59'13	
morning max el	-1698 Aug 08 j 04:47	11°♋45'09	17°54'51
	-1698 Aug 20 j 10:44	0°♌	
morning set	-1698 Aug 24 j 09:50	7°♌03'52	
superior conj	-1698 Sep 04 j 15:47	26°♌47'49	1°16'04
minimum elong	-1698 Sep 04 j 21:01	27°♌10'03	1°15'31
	-1698 Sep 06 j 13:16	0°♍	
max. Earth dist.	-1698 Sep 11 j 16:18	8°♍28'33	1.43095 AU
desc. node	-1698 Sep 17 j 05:08	17°♍20'39	
evening rise	-1698 Sep 19 j 14:35	21°♍06'01	
	-1698 Sep 25 j 09:25	0°♎	
greatest brilliancy	-1698 Oct 15 j 05:42	28°♎17'38	-0.4m
	-1698 Oct 16 j 14:52	0°♏	
evening max el	-1698 Oct 20 j 07:18	4°♏08'23	21°26'34
retrograde	-1698 Oct 29 j 02:13	9°♏21'27	
evening set	-1698 Nov 02 j 05:06	7°♏46'51	
asc. node	-1698 Nov 03 j 08:13	6°♏47'31	
inferior conj	-1698 Nov 07 j 14:51	1°♏30'45	1°26'02
minimum elong	-1698 Nov 07 j 12:58	1°♏37'11	1°25'17
min. Earth dist.	-1698 Nov 07 j 21:34	1°♏07'36	0.67387 AU
	-1698 Nov 08 j 17:20	30°℞♎	
morning rise	-1698 Nov 12 j 20:32	25°♎14'48	
direct	-1698 Nov 17 j 21:11	23°♎07'03	
morning max el	-1698 Nov 28 j 05:41	29°♎17'04	23°23'12
	-1698 Nov 28 j 22:24	0°♏	
greatest brilliancy	-1698 Dec 03 j 17:36	5°♏29'21	-0.2m
desc. node	-1698 Dec 14 j 04:29	19°♏31'17	
	-1698 Dec 21 j 06:30	0°♐	
morning set	-1697 Jan 02 j 04:35	19°♐04'28	
max. Earth dist.	-1697 Jan 06 j 11:22	26°♐24'23	1.39288 AU
	-1697 Jan 08 j 12:23	0°♑	
superior conj	-1697 Jan 14 j 01:11	10°♑03'46	-1°-55'-22
minimum elong	-1697 Jan 14 j 03:21	10°♑13'49	1°55'20
evening rise	-1697 Jan 23 j 09:33	27°♑55'20	
	-1697 Jan 24 j 11:25	0°♒	
asc. node	-1697 Jan 30 j 07:32	10°♒51'41	
evening max el	-1697 Feb 08 j 16:22	24°♒07'25	18°37'45
retrograde	-1697 Feb 16 j 11:59	27°♒55'47	
evening set	-1697 Feb 18 j 21:42	27°♒35'27	
inferior conj	-1697 Feb 26 j 12:24	23°♒08'39	3°15'01
minimum elong	-1697 Feb 26 j 16:26	23°♒00'54	3°14'13
min. Earth dist.	-1697 Mar 01 j 21:28	20°♒34'19	0.58118 AU
morning rise	-1697 Mar 06 j 07:21	17°♒50'50	
direct	-1697 Mar 12 j 03:49	16°♒25'12	
desc. node	-1697 Mar 12 j 03:39	16°♒25'12	
morning max el	-1697 Mar 26 j 11:22	23°♒57'35	26°24'53
	-1697 Mar 31 j 22:53	0°♓	
	-1697 Apr 19 j 17:50	0°♈	
morning set	-1697 Apr 24 j 10:00	9°♈27'44	
asc. node	-1697 Apr 28 j 06:52	17°♈44'17	
superior conj	-1697 May 01 j 11:27	24°♈42'54	0°33'06
minimum elong	-1697 May 01 j 10:02	24°♈35'10	0°32'49
max. Earth dist.	-1697 May 01 j 18:25	25°♈21'08	1.32528 AU
	-1697 May 03 j 21:27	0°♉	
evening rise	-1697 May 08 j 12:19	9°♉52'01	
	-1697 May 19 j 00:21	0°♊	
evening max el	-1697 Jun 07 j 16:46	26°♊54'45	26°47'02
desc. node	-1697 Jun 08 j 02:49	27°♊18'27	
	-1697 Jun 11 j 07:06	0°♋	
retrograde	-1697 Jun 21 j 16:25	4°♋12'00	
evening set	-1697 Jun 28 j 10:59	2°♋12'20	
	-1697 Jul 01 j 16:26	30°℞♊	
min. Earth dist.	-1697 Jul 02 j 06:14	29°♊32'54	0.60503 AU
inferior conj	-1697 Jul 05 j 13:39	26°♊47'48	-4°-30'-4
minimum elong	-1697 Jul 05 j 15:38	26°♊43'40	4°29'55
morning rise	-1697 Jul 12 j 23:25	22°♊03'26	
direct	-1697 Jul 15 j 10:38	21°♊39'57	
morning max el	-1697 Jul 22 j 16:57	25°♊12'52	18°08'39
asc. node	-1697 Jul 25 j 06:06	28°♊02'04	
	-1697 Jul 26 j 17:53	0°♋	
morning set	-1697 Aug 07 j 14:44	20°♋23'16	
	-1697 Aug 12 j 18:23	0°♌	
superior conj	-1697 Aug 17 j 10:19	8°♌29'46	1°37'47
minimum elong	-1697 Aug 17 j 13:44	8°♌45'03	1°37'34
max. Earth dist.	-1697 Aug 25 j 00:56	21°♌43'23	1.41375 AU
evening rise	-1697 Aug 30 j 10:37	0°♍38'26	
	-1697 Aug 30 j 01:07	0°♍	
desc. node	-1697 Sep 04 j 02:09	8°♍01'33	
	-1697 Sep 18 j 21:44	0°♎	
greatest brilliancy	-1697 Sep 28 j 02:11	12°♎06'34	-0.3m
evening max el	-1697 Oct 02 j 23:56	17°♎36'28	22°44'14
retrograde	-1697 Oct 12 j 20:57	23°♎28'20	
evening set	-1697 Oct 17 j 12:44	21°♎35'17	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1697 Oct 21 j 05:15	17°♎31'31	
inferior conj	-1697 Oct 22 j 21:42	15°♎13'57	0°34'44
minimum elong	-1697 Oct 22 j 20:54	15°♎16'44	0°34'22
min. Earth dist.	-1697 Oct 22 j 17:54	15°♎27'05	0.67558 AU
morning rise	-1697 Oct 28 j 05:01	9°♎00'05	
direct	-1697 Nov 01 j 14:43	7°♎14'48	
morning max el	-1697 Nov 10 j 18:36	12°♎39'38	21°57'34
greatest brilliancy	-1697 Nov 15 j 13:38	18°♎05'30	-0.4m
	-1697 Nov 24 j 11:00	0°♏	
desc. node	-1697 Dec 01 j 01:31	9°♏37'02	
morning set	-1697 Dec 13 j 05:33	28°♏24'44	
	-1697 Dec 14 j 05:16	0°♐	
max. Earth dist.	-1697 Dec 19 j 10:28	8°♐33'10	1.41352 AU
superior conj	-1697 Dec 27 j 02:55	21°♐44'18	-1°-58'-45
minimum elong	-1697 Dec 27 j 02:00	21°♐40'16	1°58'46
	-1697 Dec 31 j 17:37	0°♑	
evening rise	-1696 Jan 06 j 16:31	10°♑57'28	
asc. node	-1696 Jan 17 j 04:34	29°♑27'04	
	-1696 Jan 17 j 13:08	0°♒	
evening max el	-1696 Jan 23 j 00:10	6°♒57'42	18°13'11
retrograde	-1696 Jan 29 j 23:36	10°♒28'12	
evening set	-1696 Feb 01 j 13:02	10°♒00'40	
inferior conj	-1696 Feb 08 j 12:22	5°♒12'19	3°49'01
minimum elong	-1696 Feb 08 j 14:05	5°♒08'30	3°48'51
min. Earth dist.	-1696 Feb 11 j 19:54	2°♒16'00	0.60156 AU
	-1696 Feb 14 j 18:58	30°℞♑	
morning rise	-1696 Feb 15 j 12:02	29°♑32'44	
direct	-1696 Feb 22 j 03:49	27°♑29'03	
desc. node	-1696 Feb 27 j 00:42	28°♑30'37	
	-1696 Feb 29 j 22:18	0°♒	
morning max el	-1696 Mar 07 j 09:37	5°♒13'00	27°22'46
	-1696 Mar 25 j 19:39	0°♓	
morning set	-1696 Apr 07 j 18:27	24°♓15'34	
	-1696 Apr 10 j 11:54	0°♈	
asc. node	-1696 Apr 14 j 03:55	7°♈56'28	
superior conj	-1696 Apr 14 j 23:03	9°♈41'12	0°08'26
minimum elong	-1696 Apr 14 j 22:40	9°♈39'07	0°08'21
behind sun begin	-1696 Apr 14 j 18:23	9°♈15'37	
behind sun end	-1696 Apr 15 j 02:58	10°♈02'37	
max. Earth dist.	-1696 Apr 14 j 07:28	8°♈15'53	1.32453 AU
evening rise	-1696 Apr 21 j 22:15	24°♈46'23	
	-1696 Apr 24 j 10:51	0°♉	
	-1696 May 12 j 06:12	0°♊	
evening max el	-1696 May 19 j 13:40	8°♊19'51	25°42'25
desc. node	-1696 May 24 j 23:52	12°♊41'04	
retrograde	-1696 Jun 02 j 15:15	15°♊32'55	
evening set	-1696 Jun 08 j 11:39	14°♊11'12	
min. Earth dist.	-1696 Jun 13 j 01:55	11°♊29'04	0.58454 AU
inferior conj	-1696 Jun 16 j 08:47	9°♊06'56	-4°-30'-49
minimum elong	-1696 Jun 16 j 07:03	9°♊10'05	4°30'43
morning rise	-1696 Jun 24 j 06:20	4°♊45'17	
direct	-1696 Jun 26 j 18:13	4°♊25'19	
morning max el	-1696 Jul 04 j 23:19	8°♊17'54	18°42'30
asc. node	-1696 Jul 11 j 03:09	16°♊00'25	
	-1696 Jul 19 j 01:58	0°♋	
morning set	-1696 Jul 21 j 07:23	4°♋17'56	
superior conj	-1696 Jul 30 j 02:14	21°♋16'09	1°47'15
minimum elong	-1696 Jul 30 j 03:15	21°♋20'58	1°47'16
	-1696 Aug 03 j 19:41	0°♌	
max. Earth dist.	-1696 Aug 06 j 04:12	4°♌12'29	1.39408 AU
evening rise	-1696 Aug 10 j 06:56	11°♌19'45	
desc. node	-1696 Aug 20 j 23:10	28°♌33'48	
	-1696 Aug 21 j 21:43	0°♍	
	-1696 Sep 13 j 10:31	0°♎	
evening max el	-1696 Sep 14 j 12:30	1°♎06'15	24°04'42
retrograde	-1696 Sep 25 j 12:20	7°♎34'19	
evening set	-1696 Sep 30 j 18:26	5°♎22'31	
	-1696 Oct 05 j 10:19	30°℞♍	
min. Earth dist.	-1696 Oct 05 j 14:01	29°♍47'30	0.67421 AU
inferior conj	-1696 Oct 06 j 04:06	28°♍59'48	0°-19'-7
minimum elong	-1696 Oct 06 j 04:34	28°♍58'15	0°18'57
asc. node	-1696 Oct 07 j 02:18	27°♍45'10	
morning rise	-1696 Oct 11 j 14:55	22°♍50'43	
direct	-1696 Oct 15 j 11:12	21°♍26'33	
morning max el	-1696 Oct 23 j 14:00	26°♍10'23	20°39'53
	-1696 Oct 26 j 23:51	0°♎	
greatest brilliancy	-1696 Oct 29 j 16:11	3°♎23'44	-0.5m
desc. node	-1696 Nov 16 j 22:31	29°♎59'05	
	-1696 Nov 16 j 22:46	0°♏	
morning set	-1696 Nov 21 j 07:08	6°♏42'27	
max. Earth dist.	-1696 Nov 30 j 16:22	21°♏34'07	1.43121 AU
	-1696 Dec 05 j 19:55	0°♐	
superior conj	-1696 Dec 07 j 03:51	2°♐13'01	-1°-47'-43
minimum elong	-1696 Dec 06 j 22:34	1°♐50'57	1°47'25
evening rise	-1696 Dec 19 j 08:12	23°♐14'06	
	-1696 Dec 23 j 04:14	0°♑	
asc. node	-1695 Jan 03 j 01:35	17°♑20'12	
evening max el	-1695 Jan 05 j 11:44	20°♑05'54	18°08'22
retrograde	-1695 Jan 12 j 01:29	23°♑32'22	
evening set	-1695 Jan 14 j 18:34	22°♑56'35	
inferior conj	-1695 Jan 21 j 05:42	17°♑46'59	3°55'26
minimum elong	-1695 Jan 21 j 05:04	17°♑48'35	3°55'23
min. Earth dist.	-1695 Jan 24 j 02:26	14°♑52'47	0.62178 AU
morning rise	-1695 Jan 27 j 13:23	11°♑53'16	
direct	-1695 Feb 03 j 13:38	9°♑19'26	
desc. node	-1695 Feb 12 j 21:44	13°♑04'54	
morning max el	-1695 Feb 17 j 13:47	17°♑08'34	27°45'12
	-1695 Feb 28 j 06:58	0°♒	
	-1695 Mar 18 j 11:23	0°♓	
morning set	-1695 Mar 22 j 22:08	8°♓46'17	
max. Earth dist.	-1695 Mar 28 j 17:27	20°♓57'11	1.32739 AU
superior conj	-1695 Mar 30 j 09:09	24°♓31'42	0°-17'-25
minimum elong	-1695 Mar 30 j 09:57	24°♓36'05	0°17'14
asc. node	-1695 Apr 01 j 00:57	28°♓08'02	
	-1695 Apr 01 j 21:32	0°♈	
evening rise	-1695 Apr 06 j 09:51	9°♈42'23	
	-1695 Apr 16 j 22:49	0°♉	
evening max el	-1695 May 01 j 05:33	19°♉10'15	24°15'59
desc. node	-1695 May 11 j 20:52	25°♉45'42	
retrograde	-1695 May 15 j 02:55	26°♉09'56	
evening set	-1695 May 19 j 14:48	25°♉24'45	
min. Earth dist.	-1695 May 25 j 17:08	22°♉24'01	0.56644 AU
inferior conj	-1695 May 28 j 07:58	20°♉45'04	-3°-55'-56
minimum elong	-1695 May 28 j 02:17	20°♉54'05	3°54'52
morning rise	-1695 Jun 05 j 17:41	16°♉41'56	
direct	-1695 Jun 08 j 07:01	16°♉24'25	
morning max el	-1695 Jun 17 j 21:05	20°♉51'09	19°37'02
	-1695 Jun 25 j 04:01	0°♊	
asc. node	-1695 Jun 28 j 00:13	4°♊41'44	
morning set	-1695 Jul 05 j 08:25	18°♊39'41	
	-1695 Jul 10 j 23:24	0°♋	
superior conj	-1695 Jul 13 j 10:01	4°♋51'41	1°46'56
minimum elong	-1695 Jul 13 j 09:07	4°♋47'14	1°46'56
max. Earth dist.	-1695 Jul 19 j 06:54	16°♋08'35	1.37459 AU
evening rise	-1695 Jul 23 j 04:08	23°♋14'08	
	-1695 Jul 27 j 01:02	0°♌	
desc. node	-1695 Aug 07 j 20:11	18°♌52'51	
	-1695 Aug 15 j 15:39	0°♍	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1695 Aug 27 j 23:43	14°♍40'12	25°20'45
retrograde	-1695 Sep 08 j 23:28	21°♍35'47	
evening set	-1695 Sep 14 j 20:30	19°♍07'01	
min. Earth dist.	-1695 Sep 19 j 07:32	14°♍07'42	0.66974 AU
inferior conj	-1695 Sep 20 j 08:22	12°♍46'54	-1°-13'-56
minimum elong	-1695 Sep 20 j 10:11	12°♍41'00	1°13'12
asc. node	-1695 Sep 23 j 23:20	8°♍27'44	
morning rise	-1695 Sep 26 j 00:25	6°♍45'37	
direct	-1695 Sep 29 j 09:24	5°♍39'39	
morning max el	-1695 Oct 06 j 16:52	9°♍50'24	19°34'45
greatest brilliancy	-1695 Oct 15 j 08:53	20°♍53'12	-0.7m
	-1695 Oct 21 j 12:06	0°♎	
morning set	-1695 Oct 31 j 06:12	15°♎00'51	
desc. node	-1695 Nov 03 j 19:33	20°♎32'44	
	-1695 Nov 09 j 20:28	0°♏	
max. Earth dist.	-1695 Nov 13 j 05:12	5°♏18'47	1.44363 AU
superior conj	-1695 Nov 17 j 01:44	11°♏27'29	-1°-19'-6
minimum elong	-1695 Nov 16 j 17:56	10°♏56'17	1°18'20
	-1695 Nov 28 j 09:57	0°♐	
evening rise	-1695 Dec 01 j 04:12	4°♐37'07	
	-1695 Dec 17 j 02:07	0°♑	
evening max el	-1695 Dec 20 j 00:19	3°♑25'25	18°22'29
asc. node	-1695 Dec 20 j 22:36	4°♑18'59	
retrograde	-1695 Dec 26 j 13:14	6°♑59'35	
evening set	-1695 Dec 29 j 10:42	6°♑14'16	
inferior conj	-1694 Jan 04 j 12:30	0°♑44'59	3°42'07
minimum elong	-1694 Jan 04 j 10:19	0°♑51'11	3°41'48
	-1694 Jan 05 j 04:17	30°℞♐	
min. Earth dist.	-1694 Jan 06 j 18:28	28°♐12'10	0.63961 AU
morning rise	-1694 Jan 10 j 08:27	24°♐41'53	
direct	-1694 Jan 17 j 07:09	21°♐52'39	
desc. node	-1694 Jan 30 j 18:46	29°♐31'58	
morning max el	-1694 Jan 30 j 21:55	29°♐39'46	27°31'21
	-1694 Jan 31 j 05:59	0°♑	
	-1694 Feb 22 j 04:49	0°♒	
morning set	-1694 Mar 06 j 18:28	22°♒50'53	
	-1694 Mar 10 j 07:29	0°♓	
max. Earth dist.	-1694 Mar 11 j 20:33	3°♓12'13	1.33431 AU
superior conj	-1694 Mar 14 j 15:56	9°♓07'55	0°-43'-27
minimum elong	-1694 Mar 14 j 17:56	9°♓18'39	0°43'04
asc. node	-1694 Mar 18 j 21:59	18°♓14'32	
evening rise	-1694 Mar 21 j 21:19	24°♓33'19	
	-1694 Mar 24 j 12:35	0°♈	
evening max el	-1694 Apr 12 j 21:44	29°♈48'54	22°41'11
	-1694 Apr 13 j 02:23	0°♉	
retrograde	-1694 Apr 26 j 01:25	6°♉17'23	
desc. node	-1694 Apr 28 j 17:55	6°♉01'29	
evening set	-1694 Apr 29 j 05:33	5°♉55'22	
min. Earth dist.	-1694 May 07 j 06:37	2°♉24'31	0.55427 AU
inferior conj	-1694 May 08 j 12:40	1°♉41'31	-2°-37'-41
minimum elong	-1694 May 08 j 06:18	1°♉50'39	2°35'47
	-1694 May 11 j 13:57	30°℞♈	
morning rise	-1694 May 17 j 09:29	27°♈46'29	
direct	-1694 May 20 j 02:37	27°♈29'19	
	-1694 May 27 j 21:21	0°♉	
morning max el	-1694 May 31 j 08:05	2°♉43'16	20°51'46
asc. node	-1694 Jun 14 j 21:17	23°♉54'51	
	-1694 Jun 17 j 23:41	0°♊	
morning set	-1694 Jun 19 j 15:06	3°♊20'24	
superior conj	-1694 Jun 27 j 04:59	19°♊02'04	1°39'07
minimum elong	-1694 Jun 27 j 02:55	18°♊51'24	1°38'58
max. Earth dist.	-1694 Jul 01 j 15:29	27°♊57'50	1.35738 AU
	-1694 Jul 02 j 16:26	0°♋	
evening rise	-1694 Jul 05 j 21:41	6°♋09'02	
	-1694 Jul 19 j 19:22	0°♌	
desc. node	-1694 Jul 25 j 17:13	8°♌51'40	
evening max el	-1694 Aug 10 j 11:15	28°♌14'41	26°24'34
	-1694 Aug 12 j 08:46	0°♍	
retrograde	-1694 Aug 23 j 05:37	5°♍26'49	
evening set	-1694 Aug 29 j 16:50	2°♍45'31	
	-1694 Sep 01 j 11:13	30°℞♌	
min. Earth dist.	-1694 Sep 02 j 19:56	28°♌24'02	0.66190 AU
inferior conj	-1694 Sep 04 j 08:36	26°♌31'53	-2°-7'-58
minimum elong	-1694 Sep 04 j 11:42	26°♌22'25	2°06'48
morning rise	-1694 Sep 10 j 07:30	20°♌41'45	
asc. node	-1694 Sep 10 j 20:25	20°♌25'04	
direct	-1694 Sep 13 j 07:31	19°♌50'32	
morning max el	-1694 Sep 20 j 02:14	23°♌37'17	18°44'50
	-1694 Sep 25 j 07:02	0°♍	
morning set	-1694 Oct 11 j 01:16	24°♍22'47	
	-1694 Oct 14 j 14:07	0°♎	
desc. node	-1694 Oct 21 j 16:35	11°♎13'48	
superior conj	-1694 Oct 27 j 04:08	19°♎51'38	0°-34'-56
minimum elong	-1694 Oct 26 j 23:35	19°♎33'42	0°34'22
max. Earth dist.	-1694 Oct 26 j 22:50	19°♎30'44	1.44924 AU
	-1694 Nov 02 j 14:27	0°♏	
evening rise	-1694 Nov 12 j 00:44	15°♏00'23	
	-1694 Nov 21 j 09:42	0°♐	
evening max el	-1694 Dec 03 j 11:18	16°♐50'42	18°54'29
asc. node	-1694 Dec 07 j 19:38	20°♐08'56	
retrograde	-1694 Dec 10 j 07:09	20°♐42'46	
evening set	-1694 Dec 13 j 10:20	19°♐46'22	
inferior conj	-1694 Dec 19 j 05:11	13°♐59'42	3°14'59
minimum elong	-1694 Dec 19 j 02:18	14°♐08'36	3°14'18
min. Earth dist.	-1694 Dec 20 j 20:03	11°♐59'42	0.65389 AU
morning rise	-1694 Dec 24 j 17:18	7°♐50'03	
direct	-1694 Dec 31 j 07:07	5°♐00'24	
morning max el	-1693 Jan 13 j 07:32	12°♐36'11	26°45'57
desc. node	-1693 Jan 17 j 15:49	17°♐19'46	
	-1693 Jan 27 j 08:35	0°♑	
	-1693 Feb 14 j 18:56	0°♒	
morning set	-1693 Feb 18 j 04:05	6°♒18'50	
max. Earth dist.	-1693 Feb 22 j 13:27	14°♒53'47	1.34563 AU
superior conj	-1693 Feb 26 j 17:17	23°♒23'08	-1°-8'-29
minimum elong	-1693 Feb 26 j 20:19	23°♒38'50	1°08'01
	-1693 Mar 01 j 21:13	0°♓	
asc. node	-1693 Mar 05 j 19:01	8°♓11'45	
evening rise	-1693 Mar 06 j 06:50	9°♓13'05	
	-1693 Mar 17 j 10:13	0°♈	
evening max el	-1693 Mar 25 j 20:34	10°♈43'31	21°11'43
retrograde	-1693 Apr 06 j 15:10	16°♈24'25	
evening set	-1693 Apr 09 j 00:26	16°♈11'15	
desc. node	-1693 Apr 15 j 14:57	13°♈41'20	
inferior conj	-1693 Apr 18 j 07:34	12°♈12'21	0°-45'-39
minimum elong	-1693 Apr 18 j 05:25	12°♈15'24	0°44'54
min. Earth dist.	-1693 Apr 18 j 19:57	11°♈54'55	0.55073 AU
morning rise	-1693 Apr 27 j 10:06	8°♈08'37	
direct	-1693 Apr 30 j 13:50	7°♈47'00	
morning max el	-1693 May 13 j 08:23	13°♈53'26	22°23'16
	-1693 May 25 j 12:30	0°♉	
asc. node	-1693 Jun 01 j 18:22	13°♉31'34	
morning set	-1693 Jun 04 j 01:20	18°♉13'43	
	-1693 Jun 09 j 14:47	0°♊	
superior conj	-1693 Jun 11 j 07:42	3°♊36'50	1°25'34
minimum elong	-1693 Jun 11 j 05:09	3°♊23'21	1°25'16
max. Earth dist.	-1693 Jun 14 j 09:25	10°♊01'58	1.34358 AU
evening rise	-1693 Jun 19 j 06:28	19°♊50'08	
	-1693 Jun 24 j 16:06	0°♋	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1693 Jul 12 j 14:14	28°♋21'29	
	-1693 Jul 13 j 19:46	0°♌	
evening max el	-1693 Jul 23 j 22:57	11°♌40'51	27°08'19
retrograde	-1693 Aug 06 j 06:21	19°♌00'34	
evening set	-1693 Aug 13 j 04:59	16°♌14'34	
min. Earth dist.	-1693 Aug 17 j 00:50	12°♌31'06	0.65039 AU
inferior conj	-1693 Aug 19 j 02:38	10°♌10'52	-2°-59'-1
minimum elong	-1693 Aug 19 j 06:41	9°♌59'26	2°57'43
morning rise	-1693 Aug 25 j 09:51	4°♌35'19	
direct	-1693 Aug 28 j 03:15	3°♌55'27	
asc. node	-1693 Aug 28 j 17:32	3°♌57'21	
morning max el	-1693 Sep 03 j 15:58	7°♌27'03	18°11'29
	-1693 Sep 18 j 22:31	0°♍	
morning set	-1693 Sep 22 j 00:30	5°♍07'25	
superior conj	-1693 Oct 06 j 07:25	28°♍23'35	0°14'38
minimum elong	-1693 Oct 06 j 09:13	28°♍30'48	0°14'23
behind sun begin	-1693 Oct 06 j 04:06	28°♍10'24	
behind sun end	-1693 Oct 06 j 14:20	28°♍51'12	
	-1693 Oct 07 j 07:39	0°♎	
desc. node	-1693 Oct 08 j 13:36	1°♎58'47	
max. Earth dist.	-1693 Oct 09 j 17:37	3°♎49'36	1.44748 AU
evening rise	-1693 Oct 22 j 21:53	24°♎26'01	
	-1693 Oct 26 j 12:01	0°♏	
greatest brilliancy	-1693 Nov 08 j 19:25	20°♏08'46	-0.7m
	-1693 Nov 16 j 11:45	0°♐	
evening max el	-1693 Nov 16 j 18:22	0°♐17'20	19°42'52
retrograde	-1693 Nov 24 j 04:04	4°♐36'05	
asc. node	-1693 Nov 24 j 16:42	4°♐34'30	
evening set	-1693 Nov 27 j 14:46	3°♐26'36	
	-1693 Dec 01 j 04:16	30°℞♏	
inferior conj	-1693 Dec 03 j 04:43	27°♏25'41	2°37'58
minimum elong	-1693 Dec 03 j 01:51	27°♏35'07	2°37'04
min. Earth dist.	-1693 Dec 04 j 05:53	26°♏03'03	0.66439 AU
morning rise	-1693 Dec 08 j 12:15	21°♏11'35	
direct	-1693 Dec 14 j 12:46	18°♏33'05	
morning max el	-1693 Dec 26 j 16:43	25°♏45'28	25°36'46
	-1693 Dec 30 j 14:34	0°♐	
desc. node	-1692 Jan 04 j 12:52	6°♐03'52	
	-1692 Jan 20 j 21:33	0°♑	
morning set	-1692 Jan 31 j 22:19	18°♑55'36	
max. Earth dist.	-1692 Feb 04 j 18:41	26°♑05'23	1.36135 AU
	-1692 Feb 06 j 19:34	0°♒	
superior conj	-1692 Feb 10 j 10:28	7°♒08'16	-1°-30'-58
minimum elong	-1692 Feb 10 j 14:01	7°♒26'01	1°30'34
evening rise	-1692 Feb 18 j 12:19	23°♒34'02	
asc. node	-1692 Feb 20 j 16:03	27°♒54'06	
	-1692 Feb 21 j 17:35	0°♓	
evening max el	-1692 Mar 07 j 05:50	22°♓11'23	19°56'56
retrograde	-1692 Mar 17 j 07:51	27°♓00'25	
evening set	-1692 Mar 19 j 12:23	26°♓47'47	
inferior conj	-1692 Mar 28 j 06:54	22°♓46'59	1°09'59
minimum elong	-1692 Mar 28 j 09:51	22°♓42'29	1°09'00
min. Earth dist.	-1692 Mar 30 j 10:05	21°♓28'56	0.55659 AU
desc. node	-1692 Apr 01 j 12:00	20°♓17'15	
morning rise	-1692 Apr 06 j 04:21	18°♓16'56	
direct	-1692 Apr 10 j 05:22	17°♓40'55	
morning max el	-1692 Apr 24 j 01:17	24°♓33'19	24°03'16
	-1692 Apr 29 j 01:00	0°♈	
	-1692 May 17 j 00:02	0°♉	
morning set	-1692 May 18 j 13:15	3°♉13'26	
asc. node	-1692 May 18 j 15:26	3°♉24'54	
superior conj	-1692 May 25 j 15:27	18°♉27'18	1°07'40
minimum elong	-1692 May 25 j 13:00	18°♉14'07	1°07'18
max. Earth dist.	-1692 May 27 j 12:29	22°♉29'08	1.33353 AU
	-1692 May 31 j 02:14	0°♊	
evening rise	-1692 Jun 02 j 02:10	4°♊04'38	
	-1692 Jun 16 j 09:42	0°♋	
desc. node	-1692 Jun 28 j 11:16	17°♋10'11	
evening max el	-1692 Jul 05 j 09:21	24°♋47'03	27°25'15
	-1692 Jul 12 j 02:04	0°♌	
retrograde	-1692 Jul 19 j 01:29	2°♌08'31	
	-1692 Jul 25 j 12:22	30°℞♋	
evening set	-1692 Jul 26 j 05:50	29°♋29'27	
min. Earth dist.	-1692 Jul 29 j 20:29	26°♋19'51	0.63511 AU
inferior conj	-1692 Aug 01 j 11:53	23°♋38'40	-3°-43'-58
minimum elong	-1692 Aug 01 j 16:12	23°♋27'39	3°42'57
morning rise	-1692 Aug 08 j 04:40	18°♋20'58	
direct	-1692 Aug 10 j 17:49	17°♋49'23	
asc. node	-1692 Aug 14 j 14:37	19°♋02'40	
morning max el	-1692 Aug 17 j 07:27	21°♋14'30	17°55'41
	-1692 Aug 23 j 23:00	0°♌	
morning set	-1692 Sep 03 j 01:08	17°♌05'15	
	-1692 Sep 10 j 12:57	0°♍	
superior conj	-1692 Sep 15 j 07:38	8°♍00'10	0°57'18
minimum elong	-1692 Sep 15 j 12:50	8°♍21'38	0°56'40
max. Earth dist.	-1692 Sep 21 j 10:00	17°♍55'50	1.43868 AU
desc. node	-1692 Sep 24 j 10:37	22°♍45'04	
	-1692 Sep 29 j 01:31	0°♎	
evening rise	-1692 Oct 01 j 04:38	3°♎18'04	
	-1692 Oct 19 j 01:11	0°♏	
greatest brilliancy	-1692 Oct 24 j 00:36	6°♏49'47	-0.5m
evening max el	-1692 Oct 29 j 20:02	13°♏44'23	20°45'25
retrograde	-1692 Nov 07 j 01:36	18°♏36'43	
evening set	-1692 Nov 10 j 21:52	17°♏12'00	
asc. node	-1692 Nov 10 j 13:45	17°♏26'22	
inferior conj	-1692 Nov 16 j 08:41	11°♏00'16	1°53'53
minimum elong	-1692 Nov 16 j 06:20	11°♏08'17	1°52'59
min. Earth dist.	-1692 Nov 16 j 21:47	10°♏15'39	0.67134 AU
morning rise	-1692 Nov 21 j 14:22	4°♏44'05	
direct	-1692 Nov 26 j 23:46	2°♏23'58	
morning max el	-1692 Dec 08 j 01:19	9°♏00'03	24°13'27
desc. node	-1692 Dec 21 j 09:55	25°♏28'11	
	-1692 Dec 24 j 14:38	0°♐	
morning set	-1691 Jan 12 j 19:17	0°♑25'13	
	-1691 Jan 12 j 13:28	0°♑	
max. Earth dist.	-1691 Jan 16 j 15:10	7°♑10'24	1.38075 AU
superior conj	-1691 Jan 23 j 16:01	20°♑14'09	-1°-48'-36
minimum elong	-1691 Jan 23 j 19:06	20°♑28'57	1°48'25
	-1691 Jan 28 j 16:23	0°♒	
evening rise	-1691 Feb 01 j 11:23	7°♒29'38	
asc. node	-1691 Feb 06 j 13:05	17°♒15'56	
	-1691 Feb 14 j 08:40	0°♓	
evening max el	-1691 Feb 18 j 01:46	4°♓16'17	19°00'58
retrograde	-1691 Feb 26 j 14:29	8°♓22'16	
evening set	-1691 Feb 28 j 21:42	8°♓05'37	
inferior conj	-1691 Mar 08 j 22:33	3°♓50'36	2°39'50
minimum elong	-1691 Mar 09 j 03:11	3°♓42'26	2°38'38
min. Earth dist.	-1691 Mar 12 j 01:56	1°♓39'03	0.57056 AU
	-1691 Mar 14 j 17:40	30°℞♒	
morning rise	-1691 Mar 17 j 04:35	28°♒48'31	
desc. node	-1691 Mar 19 j 09:04	28°♒05'58	
direct	-1691 Mar 22 j 09:51	27°♒43'53	
	-1691 Mar 30 j 02:07	0°♓	
morning max el	-1691 Apr 05 j 16:16	5°♓06'48	25°38'22
	-1691 Apr 23 j 16:18	0°♈	
morning set	-1691 May 03 j 01:08	18°♈13'24	
asc. node	-1691 May 05 j 12:27	23°♈29'15	
	-1691 May 08 j 12:23	0°♉	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1691 May 10 j 02:04	3°♉25'59	0°46'29
minimum elong	-1691 May 10 j 00:11	3°♉15'39	0°46'08
max. Earth dist.	-1691 May 10 j 22:09	5°♉15'34	1.32723 AU
evening rise	-1691 May 17 j 05:24	18°♉41'40	
	-1691 May 22 j 22:28	0°♊	
	-1691 Jun 11 j 00:16	0°♋	
desc. node	-1691 Jun 15 j 08:18	4°♋59'47	
evening max el	-1691 Jun 17 j 16:08	7°♋20'26	27°10'32
retrograde	-1691 Jul 01 j 14:01	14°♋40'10	
evening set	-1691 Jul 08 j 15:15	12°♋22'21	
min. Earth dist.	-1691 Jul 12 j 06:05	9°♋36'08	0.61659 AU
inferior conj	-1691 Jul 15 j 09:08	6°♋47'08	-4°-18'-7
minimum elong	-1691 Jul 15 j 12:28	6°♋39'36	4°17'40
morning rise	-1691 Jul 22 j 12:29	1°♋49'58	
direct	-1691 Jul 24 j 23:41	1°♋24'11	
morning max el	-1691 Jul 31 j 21:40	4°♋51'40	17°58'18
asc. node	-1691 Aug 01 j 11:41	5°♋27'00	
morning set	-1691 Aug 16 j 21:17	29°♋58'54	
	-1691 Aug 16 j 21:32	0°♌	
superior conj	-1691 Aug 27 j 11:22	18°♌57'54	1°26'54
minimum elong	-1691 Aug 27 j 16:01	19°♌18'05	1°26'30
	-1691 Sep 02 j 23:16	0°♍	
max. Earth dist.	-1691 Sep 03 j 21:19	1°♍31'10	1.42408 AU
evening rise	-1691 Sep 10 j 14:45	12°♍22'13	
desc. node	-1691 Sep 11 j 07:40	13°♍28'51	
	-1691 Sep 22 j 03:31	0°♎	
greatest brilliancy	-1691 Oct 07 j 21:11	21°♎46'43	-0.4m
evening max el	-1691 Oct 12 j 15:45	27°♎11'33	21°58'54
	-1691 Oct 15 j 17:47	0°♏	
retrograde	-1691 Oct 21 j 21:43	2°♏41'30	
evening set	-1691 Oct 26 j 05:46	0°♏59'25	
	-1691 Oct 27 j 08:22	30°℞♎	
asc. node	-1691 Oct 28 j 10:48	28°♎49'03	
inferior conj	-1691 Oct 31 j 15:00	24°♎40'38	1°04'42
minimum elong	-1691 Oct 31 j 13:33	24°♎45'38	1°04'04
min. Earth dist.	-1691 Oct 31 j 17:15	24°♎32'52	0.67498 AU
morning rise	-1691 Nov 05 j 21:07	18°♎24'57	
direct	-1691 Nov 10 j 15:16	16°♎26'36	
morning max el	-1691 Nov 20 j 11:26	22°♎17'46	22°46'03
greatest brilliancy	-1691 Nov 25 j 04:30	27°♎34'40	-0.3m
	-1691 Nov 27 j 03:19	0°♏	
desc. node	-1691 Dec 08 j 06:58	15°♏21'01	
	-1691 Dec 17 j 23:17	0°♐	
morning set	-1691 Dec 24 j 12:59	10°♐32'46	
max. Earth dist.	-1691 Dec 29 j 10:39	18°♐45'51	1.40180 AU
	-1690 Jan 04 j 20:23	0°♑	
superior conj	-1690 Jan 06 j 05:26	2°♑29'26	-1°-58'-18
minimum elong	-1690 Jan 06 j 06:31	2°♑34'23	1°58'19
evening rise	-1690 Jan 16 j 01:10	20°♑52'52	
	-1690 Jan 20 j 21:56	0°♒	
asc. node	-1690 Jan 24 j 10:06	6°♒10'28	
evening max el	-1690 Feb 01 j 06:08	16°♒52'36	18°24'59
retrograde	-1690 Feb 08 j 15:41	20°♒31'11	
evening set	-1690 Feb 11 j 03:05	20°♒07'56	
inferior conj	-1690 Feb 18 j 10:54	15°♒32'27	3°33'21
minimum elong	-1690 Feb 18 j 14:03	15°♒26'00	3°32'52
min. Earth dist.	-1690 Feb 21 j 21:05	12°♒45'30	0.58964 AU
morning rise	-1690 Feb 25 j 21:24	10°♒04'27	
direct	-1690 Mar 04 j 03:36	8°♒21'57	
desc. node	-1690 Mar 06 j 06:06	8°♒33'19	
morning max el	-1690 Mar 18 j 10:43	16°♒00'31	26°53'31
	-1690 Mar 29 j 20:42	0°♓	
	-1690 Apr 15 j 23:02	0°♈	
morning set	-1690 Apr 17 j 11:22	3°♈07'45	
asc. node	-1690 Apr 22 j 09:29	13°♈40'02	
superior conj	-1690 Apr 24 j 13:49	18°♈26'36	0°22'51
minimum elong	-1690 Apr 24 j 12:49	18°♈21'05	0°22'39
max. Earth dist.	-1690 Apr 24 j 11:03	18°♈11'26	1.32448 AU
	-1690 Apr 29 j 21:22	0°♉	
evening rise	-1690 May 01 j 13:33	3°♉32'32	
	-1690 May 15 j 19:45	0°♊	
evening max el	-1690 May 30 j 17:12	19°♊12'27	26°23'05
desc. node	-1690 Jun 02 j 05:18	21°♊25'48	
retrograde	-1690 Jun 13 j 18:22	26°♊28'12	
evening set	-1690 Jun 20 j 04:52	24°♊44'23	
min. Earth dist.	-1690 Jun 24 j 06:21	22°♊05'42	0.59625 AU
inferior conj	-1690 Jun 27 j 14:54	19°♊27'50	-4°-34'-2
minimum elong	-1690 Jun 27 j 15:29	19°♊26'40	4°34'01
morning rise	-1690 Jul 05 j 05:34	14°♊52'54	
direct	-1690 Jul 07 j 16:52	14°♊31'03	
morning max el	-1690 Jul 15 j 07:43	18°♊11'05	18°20'24
asc. node	-1690 Jul 19 j 08:44	22°♊55'25	
	-1690 Jul 23 j 22:01	0°♋	
morning set	-1690 Jul 31 j 07:43	13°♋34'56	
	-1690 Aug 09 j 00:40	0°♌	
superior conj	-1690 Aug 09 j 15:43	1°♌09'07	1°43'08
minimum elong	-1690 Aug 09 j 18:06	1°♌20'03	1°43'03
max. Earth dist.	-1690 Aug 17 j 03:20	14°♌26'13	1.40563 AU
evening rise	-1690 Aug 21 j 20:37	22°♌22'40	
	-1690 Aug 26 j 13:48	0°♍	
desc. node	-1690 Aug 29 j 04:40	4°♍06'32	
	-1690 Sep 16 j 04:36	0°♎	
evening max el	-1690 Sep 25 j 06:33	10°♎40'37	23°18'32
retrograde	-1690 Oct 05 j 15:03	16°♎48'01	
evening set	-1690 Oct 10 j 12:46	14°♎47'09	
asc. node	-1690 Oct 15 j 07:52	9°♎13'03	
inferior conj	-1690 Oct 15 j 21:53	8°♎24'59	0°12'06
minimum elong	-1690 Oct 15 j 21:36	8°♎25'58	0°11'57
transit middle	-1690 Oct 15 j 21:36	8°♎25'58	0°11'57
transit begin	-1690 Oct 15 j 19:45	8°♎32'18	
transit end	-1690 Oct 15 j 23:26	8°♎19'39	
min. Earth dist.	-1690 Oct 15 j 13:48	8°♎52'43	0.67546 AU
morning rise	-1690 Oct 21 j 06:28	2°♎12'44	
direct	-1690 Oct 25 j 10:21	0°♎36'28	
morning max el	-1690 Nov 03 j 02:42	5°♎42'39	21°23'05
greatest brilliancy	-1690 Nov 08 j 07:50	11°♎42'57	-0.4m
	-1690 Nov 21 j 10:29	0°♏	
desc. node	-1690 Nov 25 j 04:00	5°♏34'18	
morning set	-1690 Dec 04 j 02:16	19°♏20'13	
	-1690 Dec 10 j 17:40	0°♐	
max. Earth dist.	-1690 Dec 11 j 12:31	1°♐17'18	1.42160 AU
superior conj	-1690 Dec 18 j 21:14	13°♐40'44	-1°-56'-4
minimum elong	-1690 Dec 18 j 18:31	13°♐29'01	1°56'02
	-1690 Dec 28 j 02:27	0°♑	
evening rise	-1690 Dec 30 j 02:07	3°♑36'07	
asc. node	-1689 Jan 11 j 07:07	24°♑28'54	
evening max el	-1689 Jan 15 j 15:56	29°♑51'20	18°08'49
	-1689 Jan 15 j 19:28	0°♒	
retrograde	-1689 Jan 22 j 09:50	3°♒18'15	
evening set	-1689 Jan 25 j 00:56	2°♒47'10	
	-1689 Jan 29 j 09:08	30°℞♑	
inferior conj	-1689 Jan 31 j 18:40	27°♑49'32	3°54'37
minimum elong	-1689 Jan 31 j 19:19	27°♑48'00	3°54'34
min. Earth dist.	-1689 Feb 03 j 22:22	24°♑51'34	0.61033 AU
morning rise	-1689 Feb 07 j 11:03	22°♑03'34	
direct	-1689 Feb 14 j 07:56	19°♑45'38	
desc. node	-1689 Feb 21 j 03:09	21°♑45'49	
morning max el	-1689 Feb 28 j 11:23	27°♑31'40	27°36'58
	-1689 Mar 02 j 20:33	0°♒	
	-1689 Mar 23 j 11:39	0°♓	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning set	-1689 Apr 01 j 18:03	17°♓48'42	
	-1689 Apr 07 j 11:54	0°♈	
max. Earth dist.	-1689 Apr 07 j 23:21	1°♈02'14	1.32529 AU
superior conj	-1689 Apr 09 j 00:58	3°♈21'53	0°-2'-26
minimum elong	-1689 Apr 09 j 01:05	3°♈22'29	0°02'25
behind sun begin	-1689 Apr 08 j 20:04	2°♈55'06	
behind sun end	-1689 Apr 09 j 06:05	3°♈49'51	
asc. node	-1689 Apr 09 j 06:31	3°♈52'10	
evening rise	-1689 Apr 16 j 00:25	18°♈28'18	
	-1689 Apr 21 j 17:18	0°♉	
	-1689 May 12 j 03:01	0°♊	
evening max el	-1689 May 12 j 11:43	0°♊21'03	25°07'41
desc. node	-1689 May 20 j 02:19	5°♊54'22	
retrograde	-1689 May 26 j 12:17	7°♊29'09	
evening set	-1689 May 31 j 19:50	6°♊24'01	
min. Earth dist.	-1689 Jun 05 j 23:34	3°♊35'45	0.57641 AU
inferior conj	-1689 Jun 09 j 01:42	1°♊30'06	-4°-21'-6
minimum elong	-1689 Jun 08 j 22:08	1°♊36'11	4°20'41
	-1689 Jun 11 j 08:04	30°℞♉	
morning rise	-1689 Jun 17 j 04:22	27°♉16'53	
direct	-1689 Jun 19 j 16:57	26°♉57'57	
	-1689 Jun 27 j 05:45	0°♊	
morning max el	-1689 Jun 28 j 10:39	1°♊03'02	19°03'05
asc. node	-1689 Jul 06 j 05:47	11°♊13'09	
morning set	-1689 Jul 15 j 04:20	27°♊42'17	
	-1689 Jul 16 j 08:13	0°♋	
superior conj	-1689 Jul 23 j 15:02	14°♋18'07	1°48'10
minimum elong	-1689 Jul 23 j 15:09	14°♋18'42	1°48'11
max. Earth dist.	-1689 Jul 30 j 06:13	26°♋41'07	1.38572 AU
	-1689 Aug 01 j 02:40	0°♌	
evening rise	-1689 Aug 03 j 03:54	3°♌35'48	
desc. node	-1689 Aug 16 j 01:40	24°♌33'50	
	-1689 Aug 19 j 17:09	0°♍	
evening max el	-1689 Sep 07 j 18:23	24°♍12'42	24°37'59
	-1689 Sep 15 j 10:52	0°♎	
retrograde	-1689 Sep 19 j 04:35	0°♎52'55	
	-1689 Sep 22 j 15:13	30°℞♍	
evening set	-1689 Sep 24 j 17:10	28°♍33'27	
min. Earth dist.	-1689 Sep 29 j 09:02	23°♍13'34	0.67279 AU
inferior conj	-1689 Sep 30 j 03:37	22°♍11'37	0°-42'-22
minimum elong	-1689 Sep 30 j 04:38	22°♍08'11	0°41'56
asc. node	-1689 Oct 02 j 04:56	19°♍32'05	
morning rise	-1689 Oct 05 j 16:28	16°♍05'41	
direct	-1689 Oct 09 j 07:45	14°♍49'37	
morning max el	-1689 Oct 17 j 01:22	19°♍17'44	20°10'27
greatest brilliancy	-1689 Oct 24 j 00:20	27°♍46'07	-0.6m
	-1689 Oct 25 j 15:05	0°♎	
desc. node	-1689 Nov 12 j 01:02	26°♎01'59	
morning set	-1689 Nov 12 j 23:45	27°♎29'44	
	-1689 Nov 14 j 14:31	0°♏	
max. Earth dist.	-1689 Nov 23 j 22:18	14°♏41'32	1.43729 AU
superior conj	-1689 Nov 29 j 10:35	23°♏37'14	-1°-37'-46
minimum elong	-1689 Nov 29 j 03:43	23°♏09'06	1°37'15
	-1689 Dec 03 j 07:08	0°♐	
evening rise	-1689 Dec 12 j 10:02	15°♐31'24	
	-1689 Dec 20 j 21:02	0°♑	
asc. node	-1689 Dec 29 j 04:09	12°♑00'37	
evening max el	-1689 Dec 30 j 04:15	13°♑04'57	18°12'04
retrograde	-1688 Jan 05 j 16:37	16°♑33'31	
evening set	-1688 Jan 08 j 11:27	15°♑53'45	
inferior conj	-1688 Jan 14 j 18:15	10°♑35'11	3°51'48
minimum elong	-1688 Jan 14 j 16:51	10°♑38'55	3°51'39
min. Earth dist.	-1688 Jan 17 j 08:45	7°♑48'30	0.62973 AU
morning rise	-1688 Jan 20 j 20:25	4°♑36'59	
direct	-1688 Jan 27 j 20:56	1°♑55'05	
desc. node	-1688 Feb 08 j 00:13	7°♑12'30	
morning max el	-1688 Feb 10 j 17:44	9°♑43'52	27°43'41
	-1688 Feb 26 j 13:59	0°♒	
	-1688 Mar 14 j 17:06	0°♓	
morning set	-1688 Mar 15 j 18:56	2°♓08'58	
max. Earth dist.	-1688 Mar 21 j 07:05	13°♓34'12	1.32986 AU
superior conj	-1688 Mar 23 j 09:51	18°♓06'21	0°-28'-29
minimum elong	-1688 Mar 23 j 11:11	18°♓13'30	0°28'14
asc. node	-1688 Mar 26 j 03:31	24°♓01'26	
	-1688 Mar 28 j 22:04	0°♈	
evening rise	-1688 Mar 30 j 12:10	3°♈22'26	
	-1688 Apr 14 j 02:22	0°♉	
evening max el	-1688 Apr 23 j 02:41	11°♉01'20	23°35'42
desc. node	-1688 May 05 j 23:21	17°♉49'03	
retrograde	-1688 May 06 j 18:10	17°♉50'27	
evening set	-1688 May 10 j 15:56	17°♉16'49	
min. Earth dist.	-1688 May 17 j 13:22	14°♉04'51	0.56036 AU
inferior conj	-1688 May 19 j 16:19	12°♉48'28	-3°-27'-59
minimum elong	-1688 May 19 j 09:44	12°♉58'24	3°26'25
morning rise	-1688 May 28 j 07:08	8°♉50'55	
direct	-1688 May 30 j 21:42	8°♉33'55	
morning max el	-1688 Jun 10 j 03:57	13°♉18'48	20°06'35
asc. node	-1688 Jun 22 j 02:51	0°♊08'29	
	-1688 Jun 22 j 00:58	0°♊	
morning set	-1688 Jun 28 j 08:02	12°♊12'32	
superior conj	-1688 Jul 06 j 04:03	28°♊09'42	1°44'25
minimum elong	-1688 Jul 06 j 02:34	28°♊02'13	1°44'22
	-1688 Jul 07 j 02:06	0°♋	
max. Earth dist.	-1688 Jul 11 j 10:43	8°♋30'42	1.36686 AU
evening rise	-1688 Jul 15 j 10:18	15°♋56'51	
	-1688 Jul 23 j 12:15	0°♌	
desc. node	-1688 Aug 01 j 22:41	14°♌45'03	
	-1688 Aug 13 j 05:02	0°♍	
evening max el	-1688 Aug 20 j 05:25	7°♍46'44	25°49'47
retrograde	-1688 Sep 01 j 13:42	14°♍50'57	
evening set	-1688 Sep 07 j 17:06	12°♍15'47	
min. Earth dist.	-1688 Sep 12 j 00:34	7°♍32'39	0.66685 AU
inferior conj	-1688 Sep 13 j 06:24	5°♍57'55	-1°-37'-6
minimum elong	-1688 Sep 13 j 08:47	5°♍50'22	1°36'08
asc. node	-1688 Sep 18 j 02:01	0°♍41'56	
morning rise	-1688 Sep 19 j 01:13	0°♍01'16	
	-1688 Sep 19 j 02:03	30°℞♌	
direct	-1688 Sep 22 j 06:03	29°♌02'10	
	-1688 Sep 25 j 13:14	0°♍	
morning max el	-1688 Sep 29 j 07:20	3°♍01'32	19°11'35
	-1688 Oct 18 j 06:40	0°♎	
morning set	-1688 Oct 22 j 05:17	6°♎09'47	
desc. node	-1688 Oct 28 j 22:03	16°♎39'05	
max. Earth dist.	-1688 Nov 05 j 13:35	28°♎40'05	1.44689 AU
	-1688 Nov 06 j 09:49	0°♏	
superior conj	-1688 Nov 07 j 22:21	2°♏24'30	-1°-1'-49
minimum elong	-1688 Nov 07 j 15:10	1°♏56'05	1°01'00
evening rise	-1688 Nov 22 j 20:25	26°♏29'32	
	-1688 Nov 24 j 23:34	0°♐	
evening max el	-1688 Dec 12 j 16:22	26°♐26'44	18°33'56
asc. node	-1688 Dec 15 j 01:14	28°♐31'44	
	-1688 Dec 18 j 03:03	0°♑	
retrograde	-1688 Dec 19 j 07:32	0°♑07'48	
	-1688 Dec 20 j 11:49	30°℞♐	
evening set	-1688 Dec 22 j 07:08	29°♐18'06	
inferior conj	-1688 Dec 28 j 05:42	23°♐40'57	3°32'01
minimum elong	-1688 Dec 28 j 03:07	23°♐48'34	3°31'32
min. Earth dist.	-1688 Dec 30 j 05:08	21°♐21'02	0.64612 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1687 Jan 02 j 21:51	17°♐34'27	
direct	-1687 Jan 09 j 17:18	14°♐43'23	
morning max el	-1687 Jan 23 j 03:02	22°♐27'47	27°15'28
desc. node	-1687 Jan 24 j 21:16	24°♐17'01	
	-1687 Jan 29 j 19:29	0°♑	
	-1687 Feb 18 j 19:01	0°♒	
morning set	-1687 Feb 27 j 11:11	15°♒59'14	
max. Earth dist.	-1687 Mar 04 j 06:13	25°♒35'11	1.33854 AU
	-1687 Mar 06 j 09:17	0°♓	
superior conj	-1687 Mar 07 j 14:35	2°♓33'54	0°-54'-17
minimum elong	-1687 Mar 07 j 17:04	2°♓47'00	0°53'51
asc. node	-1687 Mar 13 j 00:34	14°♓04'12	
evening rise	-1687 Mar 14 j 23:02	18°♓08'49	
	-1687 Mar 20 j 21:11	0°♈	
evening max el	-1687 Apr 04 j 20:50	21°♈42'58	22°01'48
retrograde	-1687 Apr 17 j 12:33	27°♈53'29	
evening set	-1687 Apr 20 j 06:25	27°♈36'45	
desc. node	-1687 Apr 22 j 20:23	26°♈52'48	
min. Earth dist.	-1687 Apr 29 j 02:50	23°♈48'30	0.55151 AU
inferior conj	-1687 Apr 29 j 15:21	23°♈30'52	-1°-52'-50
minimum elong	-1687 Apr 29 j 10:18	23°♈37'59	1°51'11
morning rise	-1687 May 08 j 15:36	19°♈34'27	
direct	-1687 May 11 j 11:46	19°♈16'25	
morning max el	-1687 May 23 j 10:24	24°♈53'07	21°29'09
	-1687 May 28 j 02:03	0°♉	
asc. node	-1687 Jun 08 j 23:54	19°♉32'21	
morning set	-1687 Jun 12 j 16:29	26°♉59'17	
	-1687 Jun 14 j 03:15	0°♊	
superior conj	-1687 Jun 20 j 02:44	12°♊32'00	1°33'59
minimum elong	-1687 Jun 20 j 00:22	12°♊19'45	1°33'47
max. Earth dist.	-1687 Jun 23 j 22:43	20°♊22'50	1.35095 AU
evening rise	-1687 Jun 28 j 10:57	29°♊13'21	
	-1687 Jun 28 j 20:45	0°♋	
	-1687 Jul 16 j 15:55	0°♌	
desc. node	-1687 Jul 19 j 19:43	4°♌33'08	
evening max el	-1687 Aug 02 j 17:00	21°♌18'54	26°46'04
retrograde	-1687 Aug 15 j 17:53	28°♌36'10	
evening set	-1687 Aug 22 j 10:21	25°♌51'32	
min. Earth dist.	-1687 Aug 26 j 10:08	21°♌46'23	0.65742 AU
inferior conj	-1687 Aug 28 j 04:19	19°♌41'25	-2°-30'-8
minimum elong	-1687 Aug 28 j 07:52	19°♌30'52	2°28'52
morning rise	-1687 Sep 03 j 06:36	13°♌57'06	
asc. node	-1687 Sep 04 j 23:06	13°♌19'03	
direct	-1687 Sep 06 j 03:23	13°♌11'16	
morning max el	-1687 Sep 12 j 18:56	16°♌50'55	18°28'32
	-1687 Sep 22 j 11:26	0°♍	
morning set	-1687 Oct 02 j 12:13	16°♍07'02	
	-1687 Oct 11 j 03:33	0°♎	
desc. node	-1687 Oct 15 j 19:06	7°♎22'27	
superior conj	-1687 Oct 17 j 22:23	10°♎44'46	0°-13'-48
minimum elong	-1687 Oct 17 j 20:33	10°♎37'34	0°13'34
behind sun begin	-1687 Oct 17 j 14:14	10°♎12'38	
behind sun end	-1687 Oct 18 j 02:53	11°♎02'30	
max. Earth dist.	-1687 Oct 19 j 07:38	12°♎55'41	1.44941 AU
	-1687 Oct 30 j 04:21	0°♏	
evening rise	-1687 Nov 03 j 06:37	6°♏27'00	
greatest brilliancy	-1687 Nov 15 j 14:27	25°♏45'25	-0.7m
	-1687 Nov 18 j 10:27	0°♐	
evening max el	-1687 Nov 26 j 01:56	9°♐52'54	19°13'10
asc. node	-1687 Dec 01 j 22:18	13°♐47'23	
retrograde	-1687 Dec 03 j 03:01	13°♐55'26	
evening set	-1687 Dec 06 j 09:04	12°♐53'55	
inferior conj	-1687 Dec 12 j 01:38	7°♐01'00	3°00'17
minimum elong	-1687 Dec 11 j 22:41	7°♐10'23	2°59'28
min. Earth dist.	-1687 Dec 13 j 10:35	5°♐16'16	0.65887 AU
morning rise	-1687 Dec 17 j 11:26	0°♐49'00	
	-1687 Dec 18 j 11:27	30°℞♏	
direct	-1687 Dec 23 j 20:01	28°♏02'35	
	-1687 Dec 29 j 19:50	0°♐	
morning max el	-1686 Jan 05 j 12:34	5°♐30'39	26°18'41
desc. node	-1686 Jan 11 j 18:20	12°♐31'02	
	-1686 Jan 24 j 09:53	0°♑	
morning set	-1686 Feb 10 j 14:53	29°♑07'07	
	-1686 Feb 11 j 02:10	0°♒	
max. Earth dist.	-1686 Feb 14 j 17:42	7°♒00'21	1.35175 AU
superior conj	-1686 Feb 19 j 12:50	16°♒37'14	-1°-18'-29
minimum elong	-1686 Feb 19 j 16:10	16°♒54'16	1°18'01
	-1686 Feb 25 j 23:54	0°♓	
evening rise	-1686 Feb 27 j 07:04	2°♓40'53	
asc. node	-1686 Feb 27 j 21:37	3°♓55'29	
	-1686 Mar 15 j 07:59	0°♈	
evening max el	-1686 Mar 18 j 00:00	2°♈50'49	20°37'52
retrograde	-1686 Mar 29 j 01:43	8°♈08'55	
evening set	-1686 Mar 31 j 07:23	7°♈56'50	
inferior conj	-1686 Apr 09 j 10:22	3°♈59'34	0°05'00
minimum elong	-1686 Apr 09 j 10:35	3°♈59'14	0°04'56
transit middle	-1686 Apr 09 j 10:35	3°♈59'14	0°04'56
transit begin	-1686 Apr 09 j 06:44	4°♈04'49	
transit end	-1686 Apr 09 j 14:27	3°♈53'39	
desc. node	-1686 Apr 09 j 17:27	3°♈49'20	
min. Earth dist.	-1686 Apr 10 j 16:44	3°♈15'44	0.55203 AU
	-1686 Apr 17 j 15:38	30°℞♓	
morning rise	-1686 Apr 18 j 12:06	29°♓45'55	
direct	-1686 Apr 21 j 23:40	29°♓19'34	
	-1686 Apr 26 j 05:19	0°♈	
morning max el	-1686 May 05 j 06:55	5°♈47'54	23°05'29
	-1686 May 22 j 04:19	0°♉	
asc. node	-1686 May 26 j 20:57	9°♉16'32	
morning set	-1686 May 28 j 03:36	11°♉55'36	
superior conj	-1686 Jun 04 j 07:51	27°♉14'08	1°18'27
minimum elong	-1686 Jun 04 j 05:16	27°♉00'25	1°18'06
	-1686 Jun 05 j 15:03	0°♊	
max. Earth dist.	-1686 Jun 06 j 20:38	2°♊35'54	1.33880 AU
evening rise	-1686 Jun 12 j 00:50	13°♊10'09	
	-1686 Jun 21 j 02:14	0°♋	
desc. node	-1686 Jul 06 j 16:45	23°♋47'07	
	-1686 Jul 11 j 18:33	0°♌	
evening max el	-1686 Jul 16 j 04:32	4°♌38'29	27°19'16
retrograde	-1686 Jul 29 j 16:23	11°♌59'33	
evening set	-1686 Aug 05 j 18:07	9°♌15'12	
min. Earth dist.	-1686 Aug 09 j 11:28	5°♌46'37	0.64429 AU
inferior conj	-1686 Aug 11 j 18:57	3°♌16'28	-3°-19'-3
minimum elong	-1686 Aug 11 j 23:14	3°♌04'51	3°17'50
	-1686 Aug 15 j 00:44	30°℞♋	
morning rise	-1686 Aug 18 j 06:04	27°♋47'49	
direct	-1686 Aug 20 j 21:20	27°♋11'49	
asc. node	-1686 Aug 22 j 20:10	27°♋31'37	
	-1686 Aug 26 j 17:01	0°♌	
morning max el	-1686 Aug 27 j 09:39	0°♌39'55	18°02'32
morning set	-1686 Sep 13 j 22:57	27°♌24'55	
	-1686 Sep 15 j 11:37	0°♍	
superior conj	-1686 Sep 27 j 08:49	19°♍39'23	0°34'06
minimum elong	-1686 Sep 27 j 12:37	19°♍54'45	0°33'35
max. Earth dist.	-1686 Oct 02 j 01:34	27°♍10'40	1.44459 AU
desc. node	-1686 Oct 02 j 16:08	28°♍08'30	
	-1686 Oct 03 j 20:20	0°♎	
evening rise	-1686 Oct 13 j 19:55	15°♎34'06	
	-1686 Oct 23 j 06:16	0°♏	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

greatest brilliancy	-1686 Nov 02 j 10:12	14°♏52'26	-0.6m
evening max el	-1686 Nov 09 j 06:58	23°♏20'40	20°07'56
retrograde	-1686 Nov 17 j 00:21	27°♏52'34	
asc. node	-1686 Nov 18 j 19:20	27°♏34'07	
evening set	-1686 Nov 20 j 14:53	26°♏36'54	
inferior conj	-1686 Nov 26 j 03:20	20°♏31'13	2°20'01
minimum elong	-1686 Nov 26 j 00:38	20°♏40'16	2°19'04
min. Earth dist.	-1686 Nov 26 j 23:14	19°♏24'41	0.66785 AU
morning rise	-1686 Dec 01 j 09:48	14°♏16'07	
direct	-1686 Dec 07 j 04:09	11°♏44'33	
morning max el	-1686 Dec 18 j 21:09	18°♏42'22	25°02'21
	-1686 Dec 28 j 10:58	0°♐	
desc. node	-1686 Dec 29 j 15:24	1°♐34'19	
	-1685 Jan 17 j 11:44	0°♑	
morning set	-1685 Jan 24 j 00:54	11°♑17'47	
max. Earth dist.	-1685 Jan 27 j 18:23	18°♑04'50	1.36928 AU
superior conj	-1685 Feb 03 j 01:37	0°♒07'46	-1°-39'-13
minimum elong	-1685 Feb 03 j 05:07	0°♒25'00	1°38'53
	-1685 Feb 03 j 00:02	0°♒	
evening rise	-1685 Feb 11 j 10:10	16°♒52'24	
asc. node	-1685 Feb 14 j 18:39	23°♒30'13	
	-1685 Feb 18 j 06:03	0°♓	
evening max el	-1685 Feb 28 j 14:06	14°♓35'27	19°30'43
retrograde	-1685 Mar 09 j 22:55	19°♓04'01	
evening set	-1685 Mar 12 j 04:23	18°♓49'58	
inferior conj	-1685 Mar 20 j 15:35	14°♓44'19	1°52'20
minimum elong	-1685 Mar 20 j 19:45	14°♓37'36	1°51'04
min. Earth dist.	-1685 Mar 23 j 07:18	13°♓02'07	0.56173 AU
desc. node	-1685 Mar 27 j 14:29	10°♓40'57	
morning rise	-1685 Mar 29 j 07:30	10°♓00'54	
direct	-1685 Apr 02 j 20:32	9°♓14'16	
morning max el	-1685 Apr 16 j 22:03	16°♓21'05	24°45'11
	-1685 Apr 27 j 22:04	0°♈	
morning set	-1685 May 12 j 15:42	26°♈56'01	
asc. node	-1685 May 13 j 18:01	29°♈15'11	
	-1685 May 14 j 02:25	0°♉	
superior conj	-1685 May 19 j 17:01	12°♉08'35	0°59'02
minimum elong	-1685 May 19 j 14:46	11°♉56'19	0°58'39
max. Earth dist.	-1685 May 21 j 03:04	15°♉12'53	1.33046 AU
evening rise	-1685 May 27 j 00:06	27°♉35'23	
	-1685 May 28 j 04:43	0°♊	
	-1685 Jun 14 j 09:18	0°♋	
desc. node	-1685 Jun 23 j 13:45	12°♋12'48	
evening max el	-1685 Jun 28 j 13:53	17°♋32'27	27°23'04
retrograde	-1685 Jul 12 j 08:30	24°♋52'28	
evening set	-1685 Jul 19 j 12:50	22°♋20'58	
min. Earth dist.	-1685 Jul 23 j 02:48	19°♋22'49	0.62760 AU
inferior conj	-1685 Jul 25 j 23:29	16°♋36'43	-4°00'-9
minimum elong	-1685 Jul 26 j 03:34	16°♋26'47	3°59'21
morning rise	-1685 Aug 01 j 20:37	11°♋27'11	
direct	-1685 Aug 04 j 08:47	10°♋58'11	
asc. node	-1685 Aug 09 j 17:13	13°♋11'49	
morning max el	-1685 Aug 11 j 00:50	14°♋23'01	17°54'28
	-1685 Aug 21 j 19:08	0°♌	
morning set	-1685 Aug 27 j 08:33	9°♌48'13	
superior conj	-1685 Sep 07 j 20:32	29°♌49'27	1°11'35
minimum elong	-1685 Sep 08 j 01:51	0°♍11'55	1°11'00
	-1685 Sep 07 j 23:02	0°♍	
max. Earth dist.	-1685 Sep 14 j 16:30	11°♍07'16	1.43312 AU
desc. node	-1685 Sep 19 j 13:09	18°♍53'52	
evening rise	-1685 Sep 23 j 01:40	24°♍24'58	
	-1685 Sep 26 j 16:34	0°♎	
	-1685 Oct 17 j 11:07	0°♏	
greatest brilliancy	-1685 Oct 18 j 00:41	0°♏43'25	-0.4m
evening max el	-1685 Oct 23 j 06:08	6°♏47'59	21°15'35
retrograde	-1685 Oct 31 j 21:24	11°♏55'32	
evening set	-1685 Nov 04 j 22:32	10°♏23'28	
asc. node	-1685 Nov 05 j 16:22	9°♏46'18	
inferior conj	-1685 Nov 10 j 08:30	4°♏08'20	1°33'32
minimum elong	-1685 Nov 10 j 06:30	4°♏15'15	1°32'43
min. Earth dist.	-1685 Nov 10 j 16:48	3°♏39'48	0.67331 AU
	-1685 Nov 13 j 12:25	30°℞♎	
morning rise	-1685 Nov 15 j 14:08	27°♎52'20	
direct	-1685 Nov 20 j 17:01	25°♎41'24	
	-1685 Nov 29 j 04:21	0°♏	
morning max el	-1685 Dec 01 j 06:00	1°♏58'13	23°36'18
desc. node	-1685 Dec 16 j 12:26	21°♏12'02	
	-1685 Dec 22 j 12:39	0°♐	
morning set	-1684 Jan 05 j 10:53	22°♐13'50	
max. Earth dist.	-1684 Jan 09 j 14:00	29°♐21'20	1.38974 AU
	-1684 Jan 09 j 22:47	0°♑	
superior conj	-1684 Jan 17 j 00:55	12°♑53'56	-1°-53'-55
minimum elong	-1684 Jan 17 j 03:23	13°♑05'29	1°53'49
	-1684 Jan 25 j 22:22	0°♒	
evening rise	-1684 Jan 26 j 05:41	0°♒35'31	
asc. node	-1684 Feb 01 j 15:41	12°♒41'34	
evening max el	-1684 Feb 11 j 13:52	26°♒54'19	18°43'06
	-1684 Feb 15 j 23:18	0°♓	
retrograde	-1684 Feb 19 j 13:35	0°♓46'51	
evening set	-1684 Feb 21 j 22:38	0°♓27'33	
	-1684 Feb 23 j 07:34	30°℞♒	
inferior conj	-1684 Feb 29 j 15:54	26°♒03'50	3°06'57
minimum elong	-1684 Feb 29 j 20:10	25°♒55'48	3°06'01
min. Earth dist.	-1684 Mar 03 j 23:57	23°♒34'45	0.57831 AU
morning rise	-1684 Mar 08 j 13:47	20°♒49'46	
desc. node	-1684 Mar 13 j 11:32	19°♒31'27	
direct	-1684 Mar 14 j 06:26	19°♒29'54	
morning max el	-1684 Mar 28 j 14:02	27°♒00'10	26°13'39
	-1684 Mar 31 j 11:10	0°♓	
	-1684 Apr 20 j 04:37	0°♈	
morning set	-1684 Apr 26 j 03:05	11°♈54'16	
asc. node	-1684 Apr 29 j 15:02	19°♈22'42	
superior conj	-1684 May 03 j 04:18	27°♈08'24	0°36'42
minimum elong	-1684 May 03 j 02:45	26°♈59'55	0°36'24
max. Earth dist.	-1684 May 03 j 14:42	28°♈05'19	1.32566 AU
	-1684 May 04 j 11:40	0°♉	
evening rise	-1684 May 10 j 05:41	12°♉18'54	
	-1684 May 19 j 08:46	0°♊	
desc. node	-1684 Jun 09 j 10:44	29°♊30'05	
	-1684 Jun 09 j 23:15	0°♋	
evening max el	-1684 Jun 09 j 18:21	29°♊48'23	26°54'09
retrograde	-1684 Jun 23 j 17:33	7°♋06'28	
evening set	-1684 Jun 30 j 14:20	5°♋01'35	
min. Earth dist.	-1684 Jul 04 j 07:57	2°♋21'04	0.60806 AU
	-1684 Jul 07 j 02:33	30°℞♊	
inferior conj	-1684 Jul 07 j 14:34	29°♊34'14	-4°-27'-42
minimum elong	-1684 Jul 07 j 16:58	29°♊29'07	4°27'28
morning rise	-1684 Jul 14 j 22:39	24°♊46'38	
direct	-1684 Jul 17 j 09:49	24°♊22'37	
morning max el	-1684 Jul 24 j 13:40	27°♊53'40	18°05'21
asc. node	-1684 Jul 26 j 14:17	0°♋05'13	
	-1684 Jul 26 j 12:32	0°♋	
morning set	-1684 Aug 09 j 11:20	23°♋01'22	
	-1684 Aug 13 j 05:29	0°♌	
superior conj	-1684 Aug 19 j 11:23	11°♌20'35	1°35'20
minimum elong	-1684 Aug 19 j 15:09	11°♌37'18	1°35'04
max. Earth dist.	-1684 Aug 27 j 01:49	24°♌27'47	1.41651 AU
	-1684 Aug 30 j 10:10	0°♍	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1684 Sep 01 j 18:41	3°♍48'50	
desc. node	-1684 Sep 05 j 10:09	9°♍35'33	
	-1684 Sep 19 j 01:23	0°♎	
greatest brilliancy	-1684 Sep 30 j 04:34	14°♎53'07	-0.3m
evening max el	-1684 Oct 04 j 23:28	20°♎15'30	22°32'19
retrograde	-1684 Oct 14 j 16:35	26°♎01'59	
evening set	-1684 Oct 19 j 06:17	24°♎11'46	
asc. node	-1684 Oct 22 j 13:25	20°♎39'13	
inferior conj	-1684 Oct 24 j 15:16	17°♎50'52	0°42'43
minimum elong	-1684 Oct 24 j 14:17	17°♎54'16	0°42'17
min. Earth dist.	-1684 Oct 24 j 13:00	17°♎58'42	0.67552 AU
morning rise	-1684 Oct 29 j 22:12	11°♎36'25	
direct	-1684 Nov 03 j 10:01	9°♎47'50	
morning max el	-1684 Nov 12 j 18:07	15°♎19'35	22°09'55
greatest brilliancy	-1684 Nov 17 j 11:08	20°♎38'21	-0.4m
	-1684 Nov 24 j 13:53	0°♏	
desc. node	-1684 Dec 02 j 09:30	11°♏14'38	
	-1684 Dec 14 j 13:42	0°♐	
morning set	-1684 Dec 15 j 16:06	1°♐45'59	
max. Earth dist.	-1684 Dec 21 j 11:52	11°♐20'31	1.41057 AU
superior conj	-1684 Dec 29 j 05:49	24°♐43'37	-1°-59'-4
minimum elong	-1684 Dec 29 j 05:29	24°♐42'08	1°59'07
	-1683 Jan 01 j 04:16	0°♑	
evening rise	-1683 Jan 08 j 14:31	13°♑43'14	
	-1683 Jan 17 j 16:17	0°♒	
asc. node	-1683 Jan 18 j 12:41	1°♒22'10	
evening max el	-1683 Jan 24 j 20:50	9°♒40'59	18°15'36
retrograde	-1683 Jan 31 j 22:38	13°♒13'10	
evening set	-1683 Feb 03 j 11:28	12°♒46'50	
inferior conj	-1683 Feb 10 j 12:55	8°♒01'52	3°45'48
minimum elong	-1683 Feb 10 j 15:01	7°♒57'17	3°45'34
min. Earth dist.	-1683 Feb 13 j 21:31	5°♒07'03	0.59846 AU
morning rise	-1683 Feb 17 j 15:17	2°♒24'54	
direct	-1683 Feb 24 j 04:54	0°♒26'25	
desc. node	-1683 Feb 28 j 08:36	1°♒11'12	
morning max el	-1683 Mar 10 j 11:16	8°♒09'30	27°16'18
	-1683 Mar 27 j 01:28	0°♓	
morning set	-1683 Apr 10 j 12:04	26°♓43'55	
	-1683 Apr 12 j 01:29	0°♈	
asc. node	-1683 Apr 16 j 12:04	9°♈34'30	
max. Earth dist.	-1683 Apr 17 j 03:45	11°♈00'17	1.32436 AU
superior conj	-1683 Apr 17 j 16:00	12°♈07'27	0°12'17
minimum elong	-1683 Apr 17 j 15:27	12°♈04'25	0°12'10
behind sun begin	-1683 Apr 17 j 12:14	11°♈46'47	
behind sun end	-1683 Apr 17 j 18:40	12°♈22'04	
evening rise	-1683 Apr 24 j 15:13	27°♈12'26	
	-1683 Apr 25 j 23:22	0°♉	
	-1683 May 13 j 03:10	0°♊	
evening max el	-1683 May 22 j 16:15	11°♊20'10	25°53'49
desc. node	-1683 May 27 j 07:45	15°♊10'30	
retrograde	-1683 Jun 05 j 18:02	18°♊34'27	
evening set	-1683 Jun 11 j 18:25	17°♊06'55	
min. Earth dist.	-1683 Jun 16 j 04:46	14°♊26'13	0.58749 AU
inferior conj	-1683 Jun 19 j 12:33	11°♊59'14	-4°-32'-51
minimum elong	-1683 Jun 19 j 11:28	12°♊01'15	4°32'47
morning rise	-1683 Jun 27 j 08:18	7°♊34'15	
direct	-1683 Jun 29 j 19:56	7°♊13'53	
morning max el	-1683 Jul 07 j 21:07	11°♊02'54	18°36'06
asc. node	-1683 Jul 13 j 11:20	17°♊56'10	
	-1683 Jul 20 j 12:20	0°♋	
morning set	-1683 Jul 24 j 02:30	6°♋51'31	
superior conj	-1683 Aug 02 j 00:31	23°♋58'27	1°46'30
minimum elong	-1683 Aug 02 j 01:53	24°♋04'51	1°46'29
	-1683 Aug 05 j 06:52	0°♌	
max. Earth dist.	-1683 Aug 09 j 05:30	7°♌02'37	1.39708 AU
evening rise	-1683 Aug 13 j 11:13	14°♌19'25	
desc. node	-1683 Aug 23 j 07:09	0°♍09'14	
	-1683 Aug 23 j 04:45	0°♍	
	-1683 Sep 14 j 00:40	0°♎	
evening max el	-1683 Sep 17 j 12:31	3°♎44'58	23°52'48
retrograde	-1683 Sep 28 j 08:33	10°♎08'03	
evening set	-1683 Oct 03 j 12:24	7°♎59'10	
inferior conj	-1683 Oct 08 j 21:52	1°♎36'24	0°-10'-52
minimum elong	-1683 Oct 08 j 22:08	1°♎35'32	0°10'46
transit middle	-1683 Oct 08 j 22:08	1°♎35'32	0°10'46
transit begin	-1683 Oct 08 j 20:05	1°♎42'29	
transit end	-1683 Oct 09 j 00:10	1°♎28'35	
min. Earth dist.	-1683 Oct 08 j 09:22	2°♎18'56	0.67463 AU
asc. node	-1683 Oct 09 j 10:29	0°♎53'37	
	-1683 Oct 10 j 02:31	30°℞♍	
morning rise	-1683 Oct 14 j 08:02	25°♍26'18	
direct	-1683 Oct 18 j 06:13	23°♍59'04	
morning max el	-1683 Oct 26 j 12:23	28°♍48'34	20°50'39
	-1683 Oct 27 j 15:31	0°♎	
greatest brilliancy	-1683 Nov 01 j 08:28	5°♎40'28	-0.5m
	-1683 Nov 18 j 05:42	0°♏	
desc. node	-1683 Nov 19 j 06:32	1°♏34'31	
morning set	-1683 Nov 24 j 20:08	10°♏09'30	
max. Earth dist.	-1683 Dec 03 j 16:29	24°♏13'09	1.42885 AU
	-1683 Dec 07 j 05:11	0°♐	
superior conj	-1683 Dec 10 j 10:47	5°♐23'49	-1°-50'-29
minimum elong	-1683 Dec 10 j 06:09	5°♐04'18	1°50'16
evening rise	-1683 Dec 22 j 08:46	26°♐07'04	
	-1683 Dec 24 j 13:07	0°♑	
asc. node	-1682 Jan 05 j 09:43	19°♑22'37	
evening max el	-1682 Jan 08 j 08:06	22°♑47'28	18°07'55
retrograde	-1682 Jan 14 j 22:36	26°♑13'35	
evening set	-1682 Jan 17 j 15:10	25°♑39'02	
inferior conj	-1682 Jan 24 j 03:56	20°♑32'38	3°55'51
minimum elong	-1682 Jan 24 j 03:37	20°♑33'26	3°55'49
min. Earth dist.	-1682 Jan 27 j 02:41	17°♑36'42	0.61886 AU
morning rise	-1682 Jan 30 j 13:44	14°♑40'48	
direct	-1682 Feb 06 j 13:31	12°♑10'33	
desc. node	-1682 Feb 15 j 05:41	15°♑25'38	
morning max el	-1682 Feb 20 j 14:34	19°♑59'09	27°44'14
	-1682 Mar 01 j 05:11	0°♒	
	-1682 Mar 19 j 22:14	0°♓	
morning set	-1682 Mar 25 j 16:38	11°♓18'02	
max. Earth dist.	-1682 Mar 31 j 14:28	23°♓44'52	1.32671 AU
superior conj	-1682 Apr 02 j 02:29	26°♓59'59	0°-13'-25
minimum elong	-1682 Apr 02 j 03:06	27°♓03'22	0°13'19
behind sun begin	-1682 Apr 02 j 00:18	26°♓48'11	
behind sun end	-1682 Apr 02 j 05:54	27°♓18'33	
asc. node	-1682 Apr 03 j 09:06	29°♓46'38	
	-1682 Apr 03 j 11:33	0°♈	
evening rise	-1682 Apr 09 j 02:45	12°♈09'08	
	-1682 Apr 18 j 05:45	0°♉	
evening max el	-1682 May 04 j 08:48	22°♉15'13	24°29'48
desc. node	-1682 May 14 j 04:47	28°♉38'40	
retrograde	-1682 May 18 j 07:25	29°♉17'25	
evening set	-1682 May 23 j 00:26	28°♉27'32	
min. Earth dist.	-1682 May 28 j 20:31	25°♉30'22	0.56888 AU
inferior conj	-1682 May 31 j 14:47	23°♉44'05	-4°-4'00
minimum elong	-1682 May 31 j 09:35	23°♉52'30	4°03'08
morning rise	-1682 Jun 08 j 22:39	19°♉38'27	
direct	-1682 Jun 11 j 11:46	19°♉20'36	
morning max el	-1682 Jun 20 j 20:18	23°♉41'25	19°27'32
	-1682 Jun 26 j 04:42	0°♊	
asc. node	-1682 Jun 30 j 08:25	6°♊31'47	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning set	-1682 Jul 08 j 02:31	21°♊09'53		
	-1682 Jul 12 j 12:08	0°♋		
superior conj	-1682 Jul 16 j 06:17	7°♋27'30	1°47'30	
minimum elong	-1682 Jul 16 j 05:38	7°♋24'18	1°47'31	
max. Earth dist.	-1682 Jul 22 j 08:06	19°♋02'55	1.37746 AU	
evening rise	-1682 Jul 26 j 04:59	26°♋03'32		
	-1682 Jul 28 j 11:00	0°♌		
desc. node	-1682 Aug 10 j 04:08	20°♌30'23		
	-1682 Aug 16 j 17:50	0°♍		
evening max el	-1682 Aug 30 j 23:54	17°♍18'36	25°10'00	
retrograde	-1682 Sep 11 j 20:18	24°♍10'18		
evening set	-1682 Sep 17 j 15:07	21°♍43'56		
min. Earth dist.	-1682 Sep 22 j 03:26	16°♍39'08	0.67066 AU	
inferior conj	-1682 Sep 23 j 02:35	15°♍23'18	-1°-5'-40	
minimum elong	-1682 Sep 23 j 04:12	15°♍18'02	1°04'59	
asc. node	-1682 Sep 26 j 07:35	11°♍28'03		
morning rise	-1682 Sep 28 j 17:46	9°♍20'39		
direct	-1682 Oct 02 j 04:20	8°♍12'06		
morning max el	-1682 Oct 09 j 14:09	12°♍26'59	19°43'29	
greatest brilliancy	-1682 Oct 17 j 17:31	22°♍41'32	-0.6m	
	-1682 Oct 22 j 17:29	0°♎		
morning set	-1682 Nov 03 j 17:56	18°♎22'54		
desc. node	-1682 Nov 06 j 03:33	22°♎06'30		
	-1682 Nov 11 j 04:49	0°♏		
max. Earth dist.	-1682 Nov 16 j 04:41	7°♏53'10	1.44219 AU	
superior conj	-1682 Nov 20 j 12:31	14°♏48'32	-1°-24'-34	
minimum elong	-1682 Nov 20 j 04:47	14°♏17'24	1°23'50	
	-1682 Nov 29 j 18:52	0°♐		
evening rise	-1682 Dec 04 j 07:57	7°♐38'24		
	-1682 Dec 18 j 00:03	0°♑		
evening max el	-1682 Dec 22 j 20:44	6°♑05'42	18°19'16	
asc. node	-1682 Dec 23 j 06:47	6°♑30'36		
retrograde	-1682 Dec 29 j 09:12	9°♑37'59		
evening set	-1681 Jan 01 j 06:00	8°♑54'06		
inferior conj	-1681 Jan 07 j 08:59	3°♑27'30	3°45'08	
minimum elong	-1681 Jan 07 j 06:59	3°♑33'07	3°44'51	
min. Earth dist.	-1681 Jan 09 j 17:11	0°♑50'46	0.63714 AU	
	-1681 Jan 10 j 12:15	30°℞♐		
morning rise	-1681 Jan 13 j 06:27	27°♐25'42		
direct	-1681 Jan 20 j 05:54	24°♐37'56		
	-1681 Jan 31 j 07:47	0°♑		
desc. node	-1681 Feb 02 j 02:46	1°♑37'58		
morning max el	-1681 Feb 02 j 22:16	2°♑25'31	27°35'40	
	-1681 Feb 23 j 11:50	0°♒		
morning set	-1681 Mar 09 j 14:15	25°♒27'00		
	-1681 Mar 11 j 20:29	0°♓		
max. Earth dist.	-1681 Mar 14 j 18:56	6°♓04'50	1.33303 AU	
superior conj	-1681 Mar 17 j 09:53	11°♓38'38	0°-39'-30	
minimum elong	-1681 Mar 17 j 11:43	11°♓48'27	0°39'10	
asc. node	-1681 Mar 21 j 06:08	19°♓54'07		
evening rise	-1681 Mar 24 j 14:21	27°♓01'17		
	-1681 Mar 26 j 00:39	0°♈		
	-1681 Apr 13 j 06:21	0°♉		
evening max el	-1681 Apr 16 j 00:28	2°♉53'27	22°55'13	
retrograde	-1681 Apr 29 j 07:35	9°♉27'40		
desc. node	-1681 May 01 j 01:51	9°♉20'47		
evening set	-1681 May 02 j 16:02	9°♉03'06		
min. Earth dist.	-1681 May 10 j 09:58	5°♉37'38	0.55564 AU	
inferior conj	-1681 May 11 j 21:51	4°♉45'50	-2°-52'-12	
minimum elong	-1681 May 11 j 15:15	4°♉55'24	2°50'20	
morning rise	-1681 May 20 j 17:13	0°♉50'40		
direct	-1681 May 23 j 09:38	0°♉33'36		
morning max el	-1681 Jun 03 j 08:55	5°♉39'33	20°39'28	
asc. node	-1681 Jun 17 j 05:29	25°♉40'27		
	-1681 Jun 19 j 11:18	0°♊		
morning set	-1681 Jun 22 j 08:32	5°♊48'13		
superior conj	-1681 Jun 29 j 23:51	21°♊33'21	1°40'41	
minimum elong	-1681 Jun 29 j 21:54	21°♊23'26	1°40'35	
	-1681 Jul 04 j 04:59	0°♋		
max. Earth dist.	-1681 Jul 04 j 15:36	0°♋52'00	1.35975 AU	
evening rise	-1681 Jul 08 j 19:49	8°♋50'08		
	-1681 Jul 21 j 02:28	0°♌		
desc. node	-1681 Jul 28 j 01:09	10°♌32'50		
	-1681 Aug 12 j 13:45	0°♍		
evening max el	-1681 Aug 13 j 11:21	0°♍53'33	26°16'08	
retrograde	-1681 Aug 26 j 03:10	8°♍03'42		
evening set	-1681 Sep 01 j 12:30	5°♍23'47		
min. Earth dist.	-1681 Sep 05 j 16:43	0°♍56'44	0.66332 AU	
	-1681 Sep 06 j 11:08	30°℞♌		
inferior conj	-1681 Sep 07 j 03:35	29°♌09'02	-1°-59'-55	
minimum elong	-1681 Sep 07 j 06:29	29°♌00'02	1°58'48	
morning rise	-1681 Sep 13 j 01:23	23°♌17'09		
asc. node	-1681 Sep 13 j 04:41	23°♌12'30		
direct	-1681 Sep 16 j 02:36	22°♌23'59		
morning max el	-1681 Sep 22 j 22:44	26°♌13'32	18°51'14	
	-1681 Sep 26 j 05:02	0°♍		
morning set	-1681 Oct 14 j 09:11	27°♍33'34		
	-1681 Oct 15 j 22:11	0°♎		
desc. node	-1681 Oct 24 j 00:34	12°♎46'45		
max. Earth dist.	-1681 Oct 29 j 22:03	22°♎03'21	1.44888 AU	
superior conj	-1681 Oct 30 j 16:46	23°♎17'06	0°-42'-16	
minimum elong	-1681 Oct 30 j 11:22	22°♎55'48	0°41'36	
	-1681 Nov 03 j 22:53	0°♏		
evening rise	-1681 Nov 15 j 08:09	18°♏11'02		
	-1681 Nov 22 j 15:59	0°♐		
evening max el	-1681 Dec 06 j 08:05	19°♐30'08	18°48'37	
asc. node	-1681 Dec 10 j 03:52	22°♐31'55		
retrograde	-1681 Dec 13 j 02:28	23°♐19'05		
evening set	-1681 Dec 16 j 04:41	22°♐24'25		
inferior conj	-1681 Dec 22 j 00:25	16°♐40'03	3°19'48	
minimum elong	-1681 Dec 21 j 21:36	16°♐48'41	3°19'09	
min. Earth dist.	-1681 Dec 23 j 17:26	14°♐34'47	0.65200 AU	
morning rise	-1681 Dec 27 j 13:29	10°♐31'08		
direct	-1680 Jan 03 j 04:51	7°♐40'51		
morning max el	-1680 Jan 16 j 07:55	15°♐19'06	26°54'27	
desc. node	-1680 Jan 19 j 23:49	19°♐15'09		
	-1680 Jan 28 j 10:32	0°♑		
	-1680 Feb 16 j 05:27	0°♒		
morning set	-1680 Feb 21 j 01:41	9°♒00'50		
max. Earth dist.	-1680 Feb 25 j 13:35	17°♒51'41	1.34366 AU	
superior conj	-1680 Feb 29 j 12:09	25°♒56'55	-1°-4'-50	
minimum elong	-1680 Feb 29 j 15:03	26°♒12'02	1°04'21	
	-1680 Mar 02 j 10:34	0°♓		
asc. node	-1680 Mar 07 j 03:10	9°♓52'49		
evening rise	-1680 Mar 08 j 00:16	11°♓42'44		
	-1680 Mar 17 j 14:05	0°♈		
evening max el	-1680 Mar 27 j 21:50	13°♈43'28	21°24'14	
retrograde	-1680 Apr 08 j 22:14	19°♈32'30		
evening set	-1680 Apr 11 j 09:16	19°♈18'41		
desc. node	-1680 Apr 16 j 22:54	17°♈20'05		
inferior conj	-1680 Apr 20 j 17:19	15°♈18'23	-1°-3'-42	
minimum elong	-1680 Apr 20 j 14:19	15°♈22'35	1°02'39	
min. Earth dist.	-1680 Apr 20 j 23:10	15°♈10'10	0.55064 AU	
morning rise	-1680 Apr 29 j 19:35	11°♈17'15		
direct	-1680 May 02 j 20:58	10°♈56'53		
morning max el	-1680 May 15 j 10:43	16°♈55'32	22°08'55	
	-1680 May 25 j 17:17	0°♉		
asc. node	-1680 Jun 03 j 02:31	15°♉13'45		

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning set	-1680 Jun 05 j 18:19	20°♉39'53	
	-1680 Jun 10 j 04:33	0°♊	
superior conj	-1680 Jun 13 j 01:34	6°♊05'04	1°27'56
minimum elong	-1680 Jun 12 j 23:03	5°♊51'49	1°27'40
max. Earth dist.	-1680 Jun 16 j 07:56	12°♊52'29	1.34535 AU
evening rise	-1680 Jun 21 j 02:35	22°♊24'59	
	-1680 Jun 25 j 02:53	0°♋	
desc. node	-1680 Jul 13 j 22:11	0°♌07'57	
	-1680 Jul 13 j 19:51	0°♌	
evening max el	-1680 Jul 25 j 23:00	14°♌21'27	27°03'22
retrograde	-1680 Aug 08 j 04:50	21°♌40'52	
evening set	-1680 Aug 15 j 02:04	18°♌54'44	
min. Earth dist.	-1680 Aug 18 j 22:49	15°♌05'54	0.65232 AU
inferior conj	-1680 Aug 20 j 22:40	12°♌49'19	-2°-51'-35
minimum elong	-1680 Aug 21 j 02:37	12°♌38'02	2°50'18
morning rise	-1680 Aug 27 j 04:35	7°♌11'31	
direct	-1680 Aug 29 j 22:47	6°♌30'14	
asc. node	-1680 Aug 30 j 01:44	6°♌30'19	
morning max el	-1680 Sep 05 j 12:02	10°♌03'38	18°15'23
	-1680 Sep 19 j 06:20	0°♍	
morning set	-1680 Sep 24 j 04:14	8°♍06'16	
	-1680 Oct 07 j 16:16	0°♎	
superior conj	-1680 Oct 08 j 18:30	1°♎44'14	0°07'20
minimum elong	-1680 Oct 08 j 19:26	1°♎47'55	0°07'12
behind sun begin	-1680 Oct 08 j 09:27	1°♎08'19	
behind sun end	-1680 Oct 09 j 05:24	2°♎27'29	
desc. node	-1680 Oct 09 j 21:35	3°♎31'32	
max. Earth dist.	-1680 Oct 11 j 16:48	6°♎22'17	1.44821 AU
evening rise	-1680 Oct 25 j 08:31	27°♎44'39	
	-1680 Oct 26 j 19:17	0°♏	
greatest brilliancy	-1680 Nov 10 j 05:28	22°♏03'41	-0.7m
	-1680 Nov 16 j 01:39	0°♐	
evening max el	-1680 Nov 18 j 15:48	2°♐56'32	19°34'39
retrograde	-1680 Nov 25 j 23:07	7°♐11'00	
asc. node	-1680 Nov 26 j 00:56	7°♐10'58	
evening set	-1680 Nov 29 j 08:31	6°♐03'41	
inferior conj	-1680 Dec 04 j 23:05	0°♐04'38	2°44'05
minimum elong	-1680 Dec 04 j 20:11	0°♐14'08	2°43'11
	-1680 Dec 05 j 00:31	30°℞♏	
min. Earth dist.	-1680 Dec 06 j 02:12	28°♏36'14	0.66309 AU
morning rise	-1680 Dec 10 j 07:07	23°♏50'55	
direct	-1680 Dec 16 j 09:45	21°♏10'08	
morning max el	-1680 Dec 28 j 17:17	28°♏27'15	25°48'06
	-1680 Dec 30 j 05:04	0°♐	
desc. node	-1679 Jan 05 j 20:51	7°♐51'54	
	-1679 Jan 21 j 04:59	0°♑	
morning set	-1679 Feb 02 j 22:32	21°♑46'05	
max. Earth dist.	-1679 Feb 06 j 20:19	29°♑05'47	1.35872 AU
	-1679 Feb 07 j 07:37	0°♒	
superior conj	-1679 Feb 12 j 06:43	9°♒46'49	-1°-27'-51
minimum elong	-1679 Feb 12 j 10:14	10°♒04'32	1°27'24
evening rise	-1679 Feb 20 j 06:27	26°♒06'36	
asc. node	-1679 Feb 22 j 00:13	29°♒37'44	
	-1679 Feb 22 j 04:40	0°♓	
evening max el	-1679 Mar 10 j 05:28	25°♓05'56	20°06'59
	-1679 Mar 19 j 14:46	0°♈	
retrograde	-1679 Mar 20 j 13:43	0°♈02'27	
	-1679 Mar 21 j 12:55	30°℞♓	
evening set	-1679 Mar 22 j 18:09	29°♓50'11	
inferior conj	-1679 Mar 31 j 15:05	25°♓50'47	0°53'37
minimum elong	-1679 Mar 31 j 17:25	25°♓47'17	0°52'49
min. Earth dist.	-1679 Apr 02 j 13:17	24°♓41'27	0.55507 AU
desc. node	-1679 Apr 03 j 19:56	23°♓57'03	
morning rise	-1679 Apr 09 j 13:59	21°♓25'13	
direct	-1679 Apr 13 j 11:09	20°♓52'11	
morning max el	-1679 Apr 27 j 04:26	27°♓39'08	23°48'22
	-1679 Apr 29 j 11:53	0°♈	
	-1679 May 18 j 12:11	0°♉	
asc. node	-1679 May 20 j 23:32	5°♉05'09	
morning set	-1679 May 21 j 06:03	5°♉39'16	
superior conj	-1679 May 28 j 08:42	20°♉54'06	1°10'38
minimum elong	-1679 May 28 j 06:12	20°♉40'41	1°10'16
max. Earth dist.	-1679 May 30 j 09:41	25°♉16'13	1.33475 AU
	-1679 Jun 01 j 15:34	0°♊	
evening rise	-1679 Jun 04 j 20:53	6°♊35'41	
	-1679 Jun 17 j 16:24	0°♋	
desc. node	-1679 Jun 30 j 19:12	19°♋04'09	
evening max el	-1679 Jul 08 j 09:41	27°♋31'34	27°24'41
	-1679 Jul 11 j 04:31	0°♌	
retrograde	-1679 Jul 22 j 00:54	4°♌53'22	
evening set	-1679 Jul 29 j 04:48	2°♌12'26	
	-1679 Jul 31 j 18:44	30°℞♋	
min. Earth dist.	-1679 Aug 01 j 20:00	28°♋58'09	0.63759 AU
inferior conj	-1679 Aug 04 j 09:23	26°♋19'23	-3°-37'-45
minimum elong	-1679 Aug 04 j 13:44	26°♋08'06	3°36'40
morning rise	-1679 Aug 11 j 00:41	20°♋58'47	
direct	-1679 Aug 13 j 14:15	20°♋26'13	
asc. node	-1679 Aug 16 j 22:46	21°♋22'16	
morning max el	-1679 Aug 20 j 03:23	23°♋51'56	17°56'52
	-1679 Aug 25 j 01:18	0°♌	
morning set	-1679 Sep 06 j 01:26	19°♌54'19	
	-1679 Sep 11 j 22:34	0°♍	
superior conj	-1679 Sep 18 j 14:51	11°♍09'18	0°51'36
minimum elong	-1679 Sep 18 j 19:49	11°♍29'43	0°51'00
max. Earth dist.	-1679 Sep 24 j 09:25	20°♍30'33	1.44043 AU
desc. node	-1679 Sep 26 j 18:36	24°♍18'02	
	-1679 Sep 30 j 09:34	0°♎	
evening rise	-1679 Oct 04 j 16:24	6°♎39'11	
	-1679 Oct 20 j 04:29	0°♏	
greatest brilliancy	-1679 Oct 26 j 17:09	9°♏08'22	-0.5m
evening max el	-1679 Nov 01 j 18:19	16°♏23'48	20°35'17
retrograde	-1679 Nov 09 j 20:38	21°♏10'44	
asc. node	-1679 Nov 12 j 21:57	20°♏17'12	
evening set	-1679 Nov 13 j 15:19	19°♏48'31	
inferior conj	-1679 Nov 19 j 02:31	13°♏38'17	2°00'55
minimum elong	-1679 Nov 19 j 00:04	13°♏46'37	2°00'00
min. Earth dist.	-1679 Nov 19 j 17:21	12°♏47'53	0.67058 AU
morning rise	-1679 Nov 24 j 08:19	7°♏22'11	
direct	-1679 Nov 29 j 20:04	4°♏58'52	
morning max el	-1679 Dec 11 j 01:45	11°♏41'04	24°26'14
desc. node	-1679 Dec 23 j 17:55	27°♏11'12	
	-1679 Dec 25 j 18:17	0°♐	
	-1678 Jan 13 j 23:12	0°♑	
morning set	-1678 Jan 15 j 23:04	3°♑26'53	
max. Earth dist.	-1678 Jan 19 j 17:26	10°♑08'33	1.37769 AU
superior conj	-1678 Jan 26 j 14:15	22°♑59'25	-1°-46'-23
minimum elong	-1678 Jan 26 j 17:30	23°♑15'05	1°46'09
	-1678 Jan 30 j 04:25	0°♒	
evening rise	-1678 Feb 04 j 06:37	10°♒06'25	
asc. node	-1678 Feb 08 j 21:15	19°♒03'13	
	-1678 Feb 15 j 06:39	0°♓	
evening max el	-1678 Feb 20 j 23:57	7°♓05'47	19°08'04
retrograde	-1678 Mar 01 j 17:34	11°♓17'01	
evening set	-1678 Mar 04 j 00:14	11°♓01'10	
inferior conj	-1678 Mar 12 j 03:47	6°♓48'58	2°28'34
minimum elong	-1678 Mar 12 j 08:25	6°♓40'59	2°27'18
min. Earth dist.	-1678 Mar 15 j 04:49	4°♓44'25	0.56804 AU
morning rise	-1678 Mar 20 j 12:34	1°♓51'36	

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desc. node	-1678 Mar 21 j 17:00	1°♓27'09	
direct	-1678 Mar 25 j 13:42	0°♓51'54	
morning max el	-1678 Apr 08 j 19:11	8°♓11'23	25°25'10
	-1678 Apr 24 j 23:27	0°♈	
morning set	-1678 May 05 j 18:02	20°♈39'32	
asc. node	-1678 May 07 j 20:34	25°♈08'14	
	-1678 May 10 j 02:28	0°♉	
superior conj	-1678 May 12 j 18:59	5°♉52'01	0°49'54
minimum elong	-1678 May 12 j 16:59	5°♉41'06	0°49'31
max. Earth dist.	-1678 May 13 j 18:33	8°♉00'22	1.32792 AU
evening rise	-1678 May 19 j 23:09	21°♉10'06	
	-1678 May 24 j 09:28	0°♊	
	-1678 Jun 11 j 19:49	0°♋	
desc. node	-1678 Jun 17 j 16:12	7°♋04'10	
evening max el	-1678 Jun 20 j 17:14	10°♋11'01	27°14'53
retrograde	-1678 Jul 04 j 14:27	17°♋30'50	
evening set	-1678 Jul 11 j 16:47	15°♋09'08	
min. Earth dist.	-1678 Jul 15 j 07:08	12°♋20'10	0.61954 AU
inferior conj	-1678 Jul 18 j 08:38	9°♋31'25	-4°-13'-59
minimum elong	-1678 Jul 18 j 12:14	9°♋23'09	4°13'26
morning rise	-1678 Jul 25 j 10:21	4°♋30'51	
direct	-1678 Jul 27 j 21:43	4°♋04'17	
morning max el	-1678 Aug 03 j 17:55	7°♋30'54	17°56'38
asc. node	-1678 Aug 03 j 19:49	7°♋35'33	
	-1678 Aug 18 j 07:33	0°♌	
morning set	-1678 Aug 19 j 19:01	2°♌40'41	
superior conj	-1678 Aug 30 j 14:26	21°♌54'44	1°23'20
minimum elong	-1678 Aug 30 j 19:20	22°♌15'50	1°22'51
	-1678 Sep 04 j 08:49	0°♍	
max. Earth dist.	-1678 Sep 06 j 21:36	4°♍11'31	1.42658 AU
desc. node	-1678 Sep 13 j 15:37	15°♍02'26	
evening rise	-1678 Sep 14 j 00:46	15°♍38'26	
	-1678 Sep 23 j 09:34	0°♎	
greatest brilliancy	-1678 Oct 10 j 18:44	24°♎20'10	-0.4m
evening max el	-1678 Oct 15 j 14:59	29°♎51'32	21°47'29
	-1678 Oct 15 j 18:20	0°♏	
retrograde	-1678 Oct 24 j 17:02	5°♏15'30	
evening set	-1678 Oct 28 j 23:13	3°♏36'06	
asc. node	-1678 Oct 30 j 18:59	1°♏52'35	
	-1678 Nov 01 j 08:38	30°℞♎	
inferior conj	-1678 Nov 03 j 08:37	27°♎18'16	1°12'25
minimum elong	-1678 Nov 03 j 07:00	27°♎23'49	1°11'44
min. Earth dist.	-1678 Nov 03 j 12:26	27°♎05'06	0.67464 AU
morning rise	-1678 Nov 08 j 14:32	21°♎02'27	
direct	-1678 Nov 13 j 10:58	19°♎00'43	
morning max el	-1678 Nov 23 j 11:23	24°♎58'27	22°59'00
	-1678 Nov 27 j 23:34	0°♏	
greatest brilliancy	-1678 Nov 28 j 07:19	0°♏23'22	-0.3m
desc. node	-1678 Dec 10 j 14:58	17°♏00'53	
	-1678 Dec 19 j 06:34	0°♐	
morning set	-1678 Dec 27 j 21:10	13°♐47'54	
max. Earth dist.	-1677 Jan 01 j 12:50	21°♐39'14	1.39870 AU
	-1677 Jan 06 j 06:57	0°♑	
superior conj	-1677 Jan 09 j 06:28	5°♑23'57	-1°-57'-30
minimum elong	-1677 Jan 09 j 07:58	5°♑30'53	1°57'31
evening rise	-1677 Jan 18 j 22:02	23°♑35'39	
	-1677 Jan 22 j 07:08	0°♒	
asc. node	-1677 Jan 26 j 18:17	8°♒02'51	
evening max el	-1677 Feb 04 j 03:17	19°♒38'25	18°29'01
retrograde	-1677 Feb 11 j 16:02	23°♒19'59	
evening set	-1677 Feb 14 j 02:54	22°♒57'44	
inferior conj	-1677 Feb 21 j 13:04	18°♒25'20	3°27'27
minimum elong	-1677 Feb 21 j 16:33	18°♒18'21	3°26'52
min. Earth dist.	-1677 Feb 24 j 23:10	15°♒42'19	0.58666 AU
morning rise	-1677 Mar 01 j 02:32	13°♒00'47	
direct	-1677 Mar 07 j 05:34	11°♒24'11	
desc. node	-1677 Mar 08 j 14:04	11°♒28'52	
morning max el	-1677 Mar 21 j 12:51	19°♒00'37	26°44'07
	-1677 Mar 30 j 19:39	0°♓	
	-1677 Apr 17 j 11:20	0°♈	
morning set	-1677 Apr 20 j 04:37	5°♈34'55	
asc. node	-1677 Apr 24 j 17:38	15°♈18'19	
superior conj	-1677 Apr 27 j 06:40	20°♈52'23	0°26'34
minimum elong	-1677 Apr 27 j 05:31	20°♈46'03	0°26'20
max. Earth dist.	-1677 Apr 27 j 07:17	20°♈55'44	1.32470 AU
	-1677 May 01 j 11:06	0°♉	
evening rise	-1677 May 04 j 06:43	5°♉59'15	
	-1677 May 17 j 01:01	0°♊	
evening max el	-1677 Jun 02 j 19:18	22°♊09'22	26°32'06
desc. node	-1677 Jun 04 j 13:12	23°♊44'29	
retrograde	-1677 Jun 16 j 19:55	29°♊25'28	
evening set	-1677 Jun 23 j 09:33	27°♊35'59	
min. Earth dist.	-1677 Jun 27 j 08:34	24°♊57'25	0.59934 AU
inferior conj	-1677 Jun 30 j 16:55	22°♊16'40	-4°-33'-17
minimum elong	-1677 Jun 30 j 18:02	22°♊14'25	4°33'13
morning rise	-1677 Jul 08 j 05:51	17°♊38'21	
direct	-1677 Jul 10 j 17:06	17°♊15'56	
morning max el	-1677 Jul 18 j 04:45	20°♊53'12	18°15'50
asc. node	-1677 Jul 21 j 16:52	24°♊55'04	
	-1677 Jul 25 j 03:26	0°♋	
morning set	-1677 Aug 03 j 03:36	16°♋11'10	
	-1677 Aug 10 j 11:57	0°♌	
superior conj	-1677 Aug 12 j 15:27	3°♌55'56	1°41'29
minimum elong	-1677 Aug 12 j 18:12	4°♌08'27	1°41'20
max. Earth dist.	-1677 Aug 20 j 04:39	17°♌14'12	1.40853 AU
evening rise	-1677 Aug 25 j 03:01	25°♌28'36	
	-1677 Aug 27 j 22:06	0°♍	
desc. node	-1677 Aug 31 j 12:36	5°♍41'16	
	-1677 Sep 17 j 05:02	0°♎	
greatest brilliancy	-1677 Sep 22 j 18:53	7°♎10'52	-0.2m
evening max el	-1677 Sep 28 j 06:24	13°♎20'13	23°06'34
retrograde	-1677 Oct 08 j 10:50	19°♎22'09	
evening set	-1677 Oct 13 j 06:28	17°♎24'00	
asc. node	-1677 Oct 17 j 16:03	12°♎22'29	
inferior conj	-1677 Oct 18 j 15:31	11°♎02'06	0°20'13
minimum elong	-1677 Oct 18 j 15:03	11°♎03'44	0°20'00
min. Earth dist.	-1677 Oct 18 j 08:55	11°♎24'47	0.67557 AU
morning rise	-1677 Oct 23 j 23:37	4°♎49'19	
direct	-1677 Oct 28 j 05:31	3°♎09'55	
morning max el	-1677 Nov 06 j 01:45	8°♎22'21	21°34'57
greatest brilliancy	-1677 Nov 11 j 02:38	14°♎08'10	-0.4m
	-1677 Nov 22 j 15:27	0°♏	
desc. node	-1677 Nov 27 j 12:00	7°♏11'33	
morning set	-1677 Dec 07 j 14:19	22°♏46'00	
	-1677 Dec 12 j 02:27	0°♐	
max. Earth dist.	-1677 Dec 14 j 13:48	4°♐03'13	1.41886 AU
superior conj	-1677 Dec 22 j 01:50	16°♐45'43	-1°-57'-22
minimum elong	-1677 Dec 21 j 23:47	16°♐36'47	1°57'22
	-1677 Dec 29 j 12:33	0°♑	
evening rise	-1676 Jan 02 j 01:10	6°♑25'45	
asc. node	-1676 Jan 13 j 15:20	26°♑27'40	
	-1676 Jan 16 j 05:21	0°♒	
evening max el	-1676 Jan 18 j 12:27	2°♒34'27	18°09'55
retrograde	-1676 Jan 25 j 08:04	6°♒02'20	
evening set	-1676 Jan 27 j 22:35	5°♒32'30	
inferior conj	-1676 Feb 03 j 18:12	0°♒38'00	3°53'03
minimum elong	-1676 Feb 03 j 19:13	0°♒35'37	3°52'59
	-1676 Feb 04 j 10:29	30°℞♑	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1676 Feb 06 j 23:22	27°♑40'11	0.60731 AU
morning rise	-1676 Feb 10 j 13:04	24°♑54'06	
direct	-1676 Feb 17 j 08:23	22°♑41'02	
desc. node	-1676 Feb 23 j 11:08	24°♑18'13	
	-1676 Mar 02 j 01:53	0°♒	
morning max el	-1676 Mar 02 j 12:42	0°♒26'15	27°32'45
	-1676 Mar 23 j 20:02	0°♓	
morning set	-1676 Apr 03 j 11:59	20°♓18'26	
	-1676 Apr 08 j 01:55	0°♈	
max. Earth dist.	-1676 Apr 09 j 19:58	3°♈48'18	1.32496 AU
superior conj	-1676 Apr 10 j 18:02	5°♈48'50	0°01'29
minimum elong	-1676 Apr 10 j 17:58	5°♈48'28	0°01'28
behind sun begin	-1676 Apr 10 j 12:56	5°♈20'59	
behind sun end	-1676 Apr 10 j 22:59	6°♈15'57	
asc. node	-1676 Apr 10 j 14:41	5°♈30'31	
evening rise	-1676 Apr 17 j 17:20	20°♈54'42	
	-1676 Apr 22 j 04:08	0°♉	
	-1676 May 11 j 08:40	0°♊	
evening max el	-1676 May 14 j 14:36	3°♊23'26	25°20'14
desc. node	-1676 May 21 j 10:14	8°♊33'15	
retrograde	-1676 May 28 j 15:35	10°♊33'30	
evening set	-1676 Jun 03 j 03:54	9°♊22'37	
min. Earth dist.	-1676 Jun 08 j 02:31	6°♊36'53	0.57917 AU
inferior conj	-1676 Jun 11 j 06:41	4°♊25'05	-4°-25'-27
minimum elong	-1676 Jun 11 j 03:46	4°♊30'11	4°25'11
morning rise	-1676 Jun 19 j 07:33	0°♊09'07	
	-1676 Jun 20 j 00:18	30°℞♉	
direct	-1676 Jun 21 j 19:56	29°♉49'48	
	-1676 Jun 23 j 14:41	0°♊	
morning max el	-1676 Jun 30 j 08:58	3°♊50'09	18°55'30
asc. node	-1676 Jul 07 j 13:57	13°♊06'21	
morning set	-1676 Jul 16 j 22:58	0°♋14'46	
	-1676 Jul 16 j 19:57	0°♋	
superior conj	-1676 Jul 25 j 12:22	16°♋57'56	1°48'01
minimum elong	-1676 Jul 25 j 12:48	17°♋00'00	1°48'03
max. Earth dist.	-1676 Aug 01 j 07:43	29°♋34'37	1.38863 AU
	-1676 Aug 01 j 13:24	0°♌	
evening rise	-1676 Aug 05 j 06:35	6°♌31'11	
desc. node	-1676 Aug 17 j 09:35	26°♌10'37	
	-1676 Aug 19 j 22:28	0°♍	
evening max el	-1676 Sep 09 j 18:27	26°♍51'44	24°26'25
	-1676 Sep 13 j 06:18	0°♎	
retrograde	-1676 Sep 21 j 01:03	3°♎27'54	
evening set	-1676 Sep 26 j 11:24	1°♎11'01	
	-1676 Sep 27 j 17:18	30°℞♍	
min. Earth dist.	-1676 Oct 01 j 04:31	25°♍45'50	0.67338 AU
inferior conj	-1676 Oct 01 j 21:32	24°♍48'45	0°-34'-3
minimum elong	-1676 Oct 01 j 22:22	24°♍45'59	0°33'42
asc. node	-1676 Oct 03 j 13:07	22°♍38'41	
morning rise	-1676 Oct 07 j 09:40	18°♍41'43	
direct	-1676 Oct 11 j 02:38	17°♍22'56	
morning max el	-1676 Oct 18 j 23:20	21°♍56'17	20°20'26
greatest brilliancy	-1676 Oct 25 j 14:25	29°♍55'49	-0.6m
	-1676 Oct 25 j 15:40	0°♎	
desc. node	-1676 Nov 13 j 09:02	27°♎37'23	
	-1676 Nov 14 j 22:01	0°♏	
morning set	-1676 Nov 15 j 12:43	0°♏56'53	
max. Earth dist.	-1676 Nov 25 j 22:15	17°♏19'35	1.43529 AU
superior conj	-1676 Dec 01 j 19:15	26°♏53'18	-1°-41'-43
minimum elong	-1676 Dec 01 j 12:53	26°♏27'02	1°41'16
	-1676 Dec 03 j 16:17	0°♐	
evening rise	-1676 Dec 14 j 11:54	18°♐28'39	
	-1676 Dec 21 j 03:32	0°♑	
asc. node	-1676 Dec 30 j 12:24	14°♑07'16	

evening max el	-1675 Jan 01 j 00:34	15°♑46'12	18°10'23
retrograde	-1675 Jan 07 j 13:16	19°♑13'55	
evening set	-1675 Jan 10 j 07:28	18°♑35'35	
inferior conj	-1675 Jan 16 j 15:42	13°♑20'04	3°53'26
minimum elong	-1675 Jan 16 j 14:34	13°♑23'04	3°53'19
min. Earth dist.	-1675 Jan 19 j 08:26	10°♑30'22	0.62700 AU
morning rise	-1675 Jan 22 j 19:42	7°♑23'15	
direct	-1675 Jan 29 j 20:15	4°♑43'53	
desc. node	-1675 Feb 09 j 08:14	9°♑27'06	
morning max el	-1675 Feb 12 j 18:24	12°♑33'05	27°44'58
	-1675 Feb 26 j 17:05	0°♒	
	-1675 Mar 16 j 05:00	0°♓	
morning set	-1675 Mar 18 j 13:56	4°♓42'49	
max. Earth dist.	-1675 Mar 24 j 04:37	16°♓24'11	1.32891 AU
superior conj	-1675 Mar 26 j 03:24	20°♓35'43	0°-24'-31
minimum elong	-1675 Mar 26 j 04:33	20°♓41'53	0°24'18
asc. node	-1675 Mar 28 j 11:44	25°♓40'55	
	-1675 Mar 30 j 11:36	0°♈	
evening rise	-1675 Apr 02 j 05:06	5°♈49'48	
	-1675 Apr 15 j 03:43	0°♉	
evening max el	-1675 Apr 26 j 05:43	14°♉06'37	23°49'51
desc. node	-1675 May 08 j 07:18	20°♉53'35	
retrograde	-1675 May 09 j 23:37	21°♉00'01	
evening set	-1675 May 14 j 02:14	20°♉22'38	
min. Earth dist.	-1675 May 20 j 16:45	17°♉14'50	0.56232 AU
inferior conj	-1675 May 23 j 00:14	15°♉50'17	-3°-38'-55
minimum elong	-1675 May 22 j 17:52	16°♉00'02	3°37'32
morning rise	-1675 May 31 j 13:17	11°♉51'07	
direct	-1675 Jun 03 j 03:21	11°♉34'00	
morning max el	-1675 Jun 13 j 03:54	16°♉12'18	19°55'55
	-1675 Jun 23 j 08:29	0°♊	
asc. node	-1675 Jun 24 j 11:01	1°♊56'50	
morning set	-1675 Jul 01 j 01:49	14°♊42'12	
superior conj	-1675 Jul 08 j 23:40	0°♋44'18	1°45'27
minimum elong	-1675 Jul 08 j 22:23	0°♋37'50	1°45'26
	-1675 Jul 08 j 14:48	0°♋	
max. Earth dist.	-1675 Jul 14 j 11:24	11°♋25'35	1.36948 AU
evening rise	-1675 Jul 18 j 09:53	18°♋43'13	
	-1675 Jul 24 j 21:06	0°♌	
desc. node	-1675 Aug 04 j 06:36	16°♌24'50	
	-1675 Aug 14 j 02:22	0°♍	
evening max el	-1675 Aug 23 j 05:30	10°♍25'52	25°39'54
retrograde	-1675 Sep 04 j 10:59	17°♍27'28	
evening set	-1675 Sep 10 j 12:08	14°♍54'25	
min. Earth dist.	-1675 Sep 14 j 20:49	10°♍05'35	0.66794 AU
inferior conj	-1675 Sep 16 j 00:54	8°♍35'36	-1°-28'-50
minimum elong	-1675 Sep 16 j 03:05	8°♍28'37	1°27'57
asc. node	-1675 Sep 20 j 10:12	3°♍38'09	
morning rise	-1675 Sep 21 j 18:44	2°♍37'16	
direct	-1675 Sep 25 j 00:56	1°♍35'53	
morning max el	-1675 Oct 02 j 04:17	5°♍39'08	19°19'20
greatest brilliancy	-1675 Oct 12 j 06:28	18°♍53'30	-0.7m
	-1675 Oct 19 j 13:24	0°♎	
morning set	-1675 Oct 25 j 15:35	9°♎28'22	
desc. node	-1675 Oct 31 j 06:02	18°♎13'20	
	-1675 Nov 07 j 18:04	0°♏	
max. Earth dist.	-1675 Nov 08 j 12:38	1°♏13'18	1.44590 AU
superior conj	-1675 Nov 11 j 10:21	5°♏49'37	-1°-8'-16
minimum elong	-1675 Nov 11 j 02:49	5°♏19'41	1°07'27
evening rise	-1675 Nov 26 j 01:43	29°♏35'40	
	-1675 Nov 26 j 07:36	0°♐	
evening max el	-1675 Dec 15 j 12:54	29°♐07'27	18°29'36
	-1675 Dec 16 j 10:35	0°♑	
asc. node	-1675 Dec 17 j 09:26	0°♑48'40	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

retrograde	-1675 Dec 22 j 03:10	2°♉45'56	
evening set	-1675 Dec 25 j 01:58	1°♉57'51	
	-1675 Dec 27 j 17:15	30°℞♐	
inferior conj	-1675 Dec 31 j 01:37	26°♐23'29	3°35'54
minimum elong	-1675 Dec 30 j 23:10	26°♐30'38	3°35'27
min. Earth dist.	-1674 Jan 02 j 03:22	23°♐58'43	0.64389 AU
morning rise	-1674 Jan 05 j 19:00	20°♐18'05	
direct	-1674 Jan 12 j 15:45	17°♐27'16	
morning max el	-1674 Jan 26 j 03:24	25°♐13'09	27°21'42
desc. node	-1674 Jan 27 j 05:18	26°♐19'10	
	-1674 Jan 30 j 13:02	0°♉	
	-1674 Feb 20 j 03:38	0°♒	
morning set	-1674 Mar 02 j 07:44	18°♒38'55	
max. Earth dist.	-1674 Mar 07 j 05:13	28°♒30'37	1.33693 AU
	-1674 Mar 07 j 22:27	0°♓	
superior conj	-1674 Mar 10 j 08:56	5°♓07'00	0°-50'-26
minimum elong	-1674 Mar 10 j 11:15	5°♓19'17	0°50'01
asc. node	-1674 Mar 15 j 08:47	15°♓45'29	
evening rise	-1674 Mar 17 j 16:13	20°♓38'21	
	-1674 Mar 22 j 06:58	0°♈	
evening max el	-1674 Apr 07 j 23:07	24°♈47'19	22°15'26
	-1674 Apr 15 j 12:37	0°♉	
retrograde	-1674 Apr 20 j 19:25	1°♉04'27	
evening set	-1674 Apr 23 j 16:30	0°♉46'10	
desc. node	-1674 Apr 25 j 04:22	0°♉23'06	
	-1674 Apr 26 j 07:38	30°℞♈	
min. Earth dist.	-1674 May 02 j 06:19	27°♈04'20	0.55230 AU
inferior conj	-1674 May 03 j 01:07	26°♈37'46	-2°-9'-31
minimum elong	-1674 May 02 j 19:29	26°♈45'44	2°07'43
morning rise	-1674 May 12 j 00:17	22°♈42'08	
direct	-1674 May 14 j 19:12	22°♈24'30	
morning max el	-1674 May 26 j 11:57	27°♈53'16	21°15'42
	-1674 May 28 j 14:13	0°♉	
asc. node	-1674 Jun 11 j 08:05	21°♉17'07	
morning set	-1674 Jun 15 j 09:39	29°♉26'55	
	-1674 Jun 15 j 16:04	0°♊	
superior conj	-1674 Jun 22 j 21:06	15°♊02'37	1°35'55
minimum elong	-1674 Jun 22 j 18:50	14°♊50'52	1°35'45
max. Earth dist.	-1674 Jun 26 j 22:02	23°♊15'53	1.35314 AU
	-1674 Jun 30 j 08:33	0°♋	
evening rise	-1674 Jul 01 j 08:08	1°♋52'28	
	-1674 Jul 17 j 20:45	0°♌	
desc. node	-1674 Jul 22 j 03:37	6°♌16'49	
evening max el	-1674 Aug 05 j 17:04	23°♌58'55	26°39'00
	-1674 Aug 13 j 18:08	0°♍	
retrograde	-1674 Aug 18 j 15:51	1°♍14'38	
	-1674 Aug 23 j 03:50	30°℞♌	
evening set	-1674 Aug 25 j 06:30	28°♌31'04	
min. Earth dist.	-1674 Aug 29 j 07:27	24°♌20'08	0.65906 AU
inferior conj	-1674 Aug 30 j 23:39	22°♌19'37	-2°-22'-18
minimum elong	-1674 Aug 31 j 03:04	22°♌09'25	2°21'04
morning rise	-1674 Sep 06 j 00:44	16°♌33'06	
asc. node	-1674 Sep 07 j 07:15	16°♌00'37	
direct	-1674 Sep 08 j 22:34	15°♌45'29	
morning max el	-1674 Sep 15 j 15:06	19°♌27'30	18°33'51
	-1674 Sep 23 j 15:39	0°♍	
morning set	-1674 Oct 05 j 18:15	19°♍12'58	
	-1674 Oct 12 j 11:51	0°♎	
desc. node	-1674 Oct 18 j 03:02	8°♎55'46	
superior conj	-1674 Oct 21 j 10:43	14°♎09'53	0°-21'-21
minimum elong	-1674 Oct 21 j 07:53	13°♎58'44	0°21'00
max. Earth dist.	-1674 Oct 22 j 06:29	15°♎27'38	1.44952 AU
	-1674 Oct 31 j 12:15	0°♏	
evening rise	-1674 Nov 06 j 15:29	9°♏41'55	
	-1674 Nov 19 j 13:26	0°♐	
evening max el	-1674 Nov 28 j 22:58	12°♐33'17	19°06'19
asc. node	-1674 Dec 04 j 06:28	16°♐16'44	
retrograde	-1674 Dec 05 j 22:05	16°♐31'55	
evening set	-1674 Dec 09 j 03:06	15°♐32'13	
inferior conj	-1674 Dec 14 j 20:26	9°♐41'30	3°05'42
minimum elong	-1674 Dec 14 j 17:29	9°♐50'45	3°04'56
min. Earth dist.	-1674 Dec 16 j 07:27	7°♐51'18	0.65722 AU
morning rise	-1674 Dec 20 j 06:59	3°♐30'20	
direct	-1674 Dec 26 j 17:30	0°♐42'29	
morning max el	-1673 Jan 08 j 12:53	8°♐13'28	26°28'40
desc. node	-1673 Jan 14 j 02:20	14°♐24'05	
	-1673 Jan 25 j 14:28	0°♉	
	-1673 Feb 12 j 13:15	0°♒	
morning set	-1673 Feb 13 j 13:32	1°♒53'43	
max. Earth dist.	-1673 Feb 17 j 18:29	10°♒00'43	1.34949 AU
superior conj	-1673 Feb 22 j 08:16	19°♒14'21	-1°-14'-59
minimum elong	-1673 Feb 22 j 11:30	19°♒31'00	1°14'31
	-1673 Feb 27 j 12:30	0°♓	
evening rise	-1673 Mar 02 j 00:46	5°♓12'54	
asc. node	-1673 Mar 02 j 05:48	5°♓38'52	
	-1673 Mar 15 j 23:44	0°♈	
evening max el	-1673 Mar 21 j 00:41	5°♈50'08	20°49'25
retrograde	-1673 Apr 01 j 08:23	11°♈16'08	
evening set	-1673 Apr 03 j 15:03	11°♈03'48	
desc. node	-1673 Apr 12 j 01:26	7°♈32'30	
inferior conj	-1673 Apr 12 j 19:45	7°♈06'25	0°-12'-57
minimum elong	-1673 Apr 12 j 19:08	7°♈07'17	0°12'45
transit middle	-1673 Apr 12 j 19:08	7°♈07'17	0°12'45
transit begin	-1673 Apr 12 j 16:43	7°♈10'45	
transit end	-1673 Apr 12 j 21:34	7°♈03'49	
min. Earth dist.	-1673 Apr 13 j 19:59	6°♈31'48	0.55139 AU
morning rise	-1673 Apr 21 j 22:00	2°♈56'35	
direct	-1673 Apr 25 j 06:40	2°♈32'05	
morning max el	-1673 May 08 j 09:39	8°♈52'52	22°50'31
	-1673 May 23 j 13:12	0°♉	
asc. node	-1673 May 29 j 05:07	10°♉58'40	
morning set	-1673 May 30 j 20:28	14°♉22'09	
superior conj	-1673 Jun 07 j 01:23	29°♉42'07	1°21'05
minimum elong	-1673 Jun 06 j 22:48	29°♉28'25	1°20'45
	-1673 Jun 07 j 04:45	0°♊	
max. Earth dist.	-1673 Jun 09 j 18:35	5°♊25'44	1.34042 AU
evening rise	-1673 Jun 14 j 20:18	15°♊43'54	
	-1673 Jun 22 j 11:31	0°♋	
desc. node	-1673 Jul 09 j 00:39	25°♋36'44	
	-1673 Jul 12 j 11:30	0°♌	
evening max el	-1673 Jul 19 j 04:45	7°♌21'16	27°16'03
retrograde	-1673 Aug 01 j 15:06	14°♌41'45	
evening set	-1673 Aug 08 j 15:52	11°♌56'40	
min. Earth dist.	-1673 Aug 12 j 10:04	8°♌22'57	0.64649 AU
inferior conj	-1673 Aug 14 j 15:32	5°♌56'12	-3°-12'-5
minimum elong	-1673 Aug 14 j 19:45	5°♌44'35	3°10'50
morning rise	-1673 Aug 21 j 01:15	0°♌25'01	
	-1673 Aug 22 j 04:37	30°℞♋	
direct	-1673 Aug 23 j 17:14	29°♋47'41	
asc. node	-1673 Aug 25 j 04:18	29°♋58'56	
	-1673 Aug 25 j 05:56	0°♌	
morning max el	-1673 Aug 30 j 05:31	3°♌16'49	18°05'18
	-1673 Sep 16 j 20:22	0°♍	
morning set	-1673 Sep 17 j 01:05	0°♍19'51	
superior conj	-1673 Sep 30 j 18:18	22°♍55'48	0°27'21
minimum elong	-1673 Sep 30 j 21:29	23°♍08'36	0°26'56
max. Earth dist.	-1673 Oct 05 j 00:58	29°♍45'15	1.44575 AU
desc. node	-1673 Oct 05 j 00:02	29°♍41'35	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1673 Oct 05 j 04:41	0°♎	
evening rise	-1673 Oct 17 j 07:20	18°♎55'22	
	-1673 Oct 24 j 12:13	0°♏	
greatest brilliancy	-1673 Nov 04 j 23:43	17°♏01'20	-0.6m
evening max el	-1673 Nov 12 j 04:47	26°♏01'04	19°58'50
	-1673 Nov 17 j 12:25	0°♐	
retrograde	-1673 Nov 19 j 19:17	0°♐28'04	
asc. node	-1673 Nov 21 j 03:30	0°♐17'43	
	-1673 Nov 22 j 00:05	30°℞♏	
evening set	-1673 Nov 23 j 08:28	29°♏14'34	
inferior conj	-1673 Nov 28 j 21:24	23°♏10'29	2°26'32
minimum elong	-1673 Nov 28 j 18:38	23°♏19'42	2°25'37
min. Earth dist.	-1673 Nov 29 j 19:06	21°♏58'23	0.66675 AU
morning rise	-1673 Dec 04 j 04:12	16°♏55'44	
direct	-1673 Dec 10 j 00:45	14°♏21'39	
morning max el	-1673 Dec 21 j 21:38	21°♏24'35	25°14'36
	-1673 Dec 29 j 09:20	0°♐	
desc. node	-1673 Dec 31 j 23:21	3°♐20'50	
	-1672 Jan 18 j 20:07	0°♑	
morning set	-1672 Jan 27 j 02:30	14°♑13'34	
max. Earth dist.	-1672 Jan 30 j 20:41	21°♑07'08	1.36647 AU
	-1672 Feb 04 j 12:03	0°♒	
superior conj	-1672 Feb 05 j 22:37	2°♒49'59	-1°-36'-24
minimum elong	-1672 Feb 06 j 02:10	3°♒07'32	1°36'02
evening rise	-1672 Feb 14 j 04:43	19°♒27'40	
asc. node	-1672 Feb 17 j 02:49	25°♒16'17	
	-1672 Feb 19 j 14:09	0°♓	
evening max el	-1672 Mar 02 j 13:03	17°♓28'23	19°39'27
retrograde	-1672 Mar 12 j 03:43	22°♓03'53	
evening set	-1672 Mar 14 j 08:46	21°♓50'24	
inferior conj	-1672 Mar 22 j 22:36	17°♓46'36	1°37'56
minimum elong	-1672 Mar 23 j 02:24	17°♓40'34	1°36'43
min. Earth dist.	-1672 Mar 25 j 10:13	16°♓12'44	0.55977 AU
desc. node	-1672 Mar 28 j 22:29	14°♓15'01	
morning rise	-1672 Mar 31 j 16:39	13°♓08'00	
direct	-1672 Apr 05 j 01:24	12°♓25'25	
morning max el	-1672 Apr 19 j 01:12	19°♓27'22	24°30'44
	-1672 Apr 27 j 21:45	0°♈	
morning set	-1672 May 14 j 08:31	29°♈22'20	
	-1672 May 14 j 15:40	0°♉	
asc. node	-1672 May 15 j 02:09	0°♉55'24	
superior conj	-1672 May 21 j 10:04	14°♉35'08	1°02'12
minimum elong	-1672 May 21 j 07:44	14°♉22'29	1°01'48
max. Earth dist.	-1672 May 22 j 23:57	17°♉59'39	1.33146 AU
evening rise	-1672 May 28 j 18:21	0°♊05'24	
	-1672 May 28 j 17:17	0°♊	
	-1672 Jun 14 j 12:46	0°♋	
desc. node	-1672 Jun 24 j 21:41	14°♋10'58	
evening max el	-1672 Jun 30 j 14:30	20°♋19'37	27°24'31
retrograde	-1672 Jul 14 j 08:11	27°♋40'02	
evening set	-1672 Jul 21 j 12:47	25°♋05'32	
min. Earth dist.	-1672 Jul 25 j 02:52	22°♋03'40	0.63030 AU
inferior conj	-1672 Jul 27 j 21:45	19°♋19'02	-3°-54'-43
minimum elong	-1672 Jul 28 j 01:57	19°♋08'39	3°53'49
morning rise	-1672 Aug 03 j 17:21	14°♋06'36	
direct	-1672 Aug 06 j 05:50	13°♋36'44	
asc. node	-1672 Aug 11 j 01:21	15°♋26'48	
morning max el	-1672 Aug 12 j 20:51	17°♋01'23	17°54'31
	-1672 Aug 22 j 02:20	0°♌	
morning set	-1672 Aug 29 j 07:39	12°♌34'20	
	-1672 Sep 08 j 08:38	0°♍	
superior conj	-1672 Sep 10 j 01:54	2°♍53'40	1°06'47
minimum elong	-1672 Sep 10 j 07:15	3°♍16'04	1°06'11
max. Earth dist.	-1672 Sep 16 j 16:31	13°♍45'40	1.43517 AU
desc. node	-1672 Sep 20 j 21:03	20°♍27'09	
evening rise	-1672 Sep 25 j 13:00	27°♍45'19	
	-1672 Sep 26 j 23:52	0°♎	
	-1672 Oct 17 j 09:59	0°♏	
greatest brilliancy	-1672 Oct 19 j 18:56	3°♏07'46	-0.5m
evening max el	-1672 Oct 25 j 04:48	9°♏28'02	21°04'47
retrograde	-1672 Nov 02 j 16:34	14°♏30'16	
evening set	-1672 Nov 06 j 15:58	13°♏00'45	
asc. node	-1672 Nov 07 j 00:32	12°♏43'49	
inferior conj	-1672 Nov 12 j 02:12	6°♏46'40	1°40'52
minimum elong	-1672 Nov 12 j 00:03	6°♏54'00	1°40'03
min. Earth dist.	-1672 Nov 12 j 12:07	6°♏12'37	0.67270 AU
morning rise	-1672 Nov 17 j 07:47	0°♏30'34	
	-1672 Nov 17 j 22:41	30°℞♎	
direct	-1672 Nov 22 j 12:55	28°♎16'25	
	-1672 Nov 27 j 16:14	0°♏	
morning max el	-1672 Dec 03 j 06:23	4°♏40'07	23°49'21
desc. node	-1672 Dec 17 j 20:23	22°♏53'52	
	-1672 Dec 22 j 18:06	0°♐	
morning set	-1671 Jan 07 j 16:29	25°♐21'45	
	-1671 Jan 10 j 08:54	0°♑	
max. Earth dist.	-1671 Jan 11 j 16:30	2°♑19'05	1.38659 AU
superior conj	-1671 Jan 19 j 00:13	15°♑43'16	-1°-52'-12
minimum elong	-1671 Jan 19 j 02:57	15°♑56'08	1°52'06
	-1671 Jan 26 j 09:36	0°♒	
evening rise	-1671 Jan 28 j 01:33	3°♒15'23	
asc. node	-1671 Feb 02 j 23:52	14°♒31'34	
evening max el	-1671 Feb 13 j 11:30	29°♒42'21	18°48'54
	-1671 Feb 13 j 18:59	0°♓	
retrograde	-1671 Feb 21 j 15:36	3°♓39'22	
evening set	-1671 Feb 23 j 23:56	3°♓21'05	
	-1671 Mar 02 j 10:51	30°℞♒	
inferior conj	-1671 Mar 03 j 19:49	29°♒00'28	2°58'01
minimum elong	-1671 Mar 04 j 00:16	28°♒52'16	2°57'00
min. Earth dist.	-1671 Mar 07 j 02:34	26°♒37'04	0.57548 AU
morning rise	-1671 Mar 11 j 20:36	23°♒50'23	
desc. node	-1671 Mar 15 j 19:31	22°♒42'08	
direct	-1671 Mar 17 j 09:19	22°♒36'02	
morning max el	-1671 Mar 31 j 16:48	0°♓04'09	26°01'54
	-1671 Mar 31 j 15:05	0°♓	
	-1671 Apr 21 j 14:25	0°♈	
morning set	-1671 Apr 28 j 20:09	14°♈21'38	
asc. node	-1671 May 01 j 23:13	21°♈02'09	
superior conj	-1671 May 05 j 21:12	29°♈35'00	0°40'16
minimum elong	-1671 May 05 j 19:31	29°♈25'49	0°39'56
	-1671 May 06 j 01:46	0°♉	
max. Earth dist.	-1671 May 06 j 10:59	0°♉50'25	1.32609 AU
evening rise	-1671 May 12 j 23:11	14°♉47'04	
	-1671 May 20 j 17:53	0°♊	
	-1671 Jun 10 j 04:03	0°♋	
desc. node	-1671 Jun 11 j 18:42	1°♋40'38	
evening max el	-1671 Jun 12 j 19:47	2°♋41'58	27°00'34
retrograde	-1671 Jun 26 j 18:34	10°♋00'51	
evening set	-1671 Jul 03 j 17:12	7°♋51'04	
min. Earth dist.	-1671 Jul 07 j 09:33	5°♋08'59	0.61109 AU
inferior conj	-1671 Jul 10 j 15:06	2°♋20'52	-4°-24'-48
minimum elong	-1671 Jul 10 j 17:53	2°♋14'49	4°24'29
	-1671 Jul 13 j 11:11	30°℞♊	
morning rise	-1671 Jul 17 j 21:32	27°♊29'59	
direct	-1671 Jul 20 j 08:40	27°♊05'23	
	-1671 Jul 26 j 19:14	0°♋	
morning max el	-1671 Jul 27 j 10:17	0°♋34'56	18°02'27
asc. node	-1671 Jul 28 j 22:26	2°♋10'25	
morning set	-1671 Aug 12 j 08:14	25°♋41'04	
	-1671 Aug 14 j 16:17	0°♌	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1671 Aug 22 j 13:00	14°♌13'34	1°32'36
minimum elong	-1671 Aug 22 j 17:06	14°♌31'38	1°32'16
max. Earth dist.	-1671 Aug 30 j 02:26	27°♌11'07	1.41924 AU
	-1671 Aug 31 j 19:15	0°♍	
evening rise	-1671 Sep 05 j 03:19	7°♍01'24	
desc. node	-1671 Sep 07 j 18:04	11°♍09'35	
	-1671 Sep 20 j 05:45	0°♎	
greatest brilliancy	-1671 Oct 03 j 05:09	17°♎35'02	-0.3m
evening max el	-1671 Oct 07 j 22:55	22°♎55'08	22°20'31
retrograde	-1671 Oct 17 j 12:10	28°♎36'02	
evening set	-1671 Oct 21 j 23:50	26°♎48'42	
asc. node	-1671 Oct 24 j 21:36	23°♎46'31	
inferior conj	-1671 Oct 27 j 08:52	20°♎28'22	0°50'38
minimum elong	-1671 Oct 27 j 07:43	20°♎32'22	0°50'08
min. Earth dist.	-1671 Oct 27 j 08:10	20°♎30'48	0.67538 AU
morning rise	-1671 Nov 01 j 15:28	14°♎13'23	
direct	-1671 Nov 06 j 05:27	12°♎21'25	
morning max el	-1671 Nov 15 j 17:46	18°♎00'03	22°22'25
greatest brilliancy	-1671 Nov 20 j 09:44	23°♎14'54	-0.3m
	-1671 Nov 25 j 15:23	0°♏	
desc. node	-1671 Dec 04 j 17:26	12°♏52'54	
	-1671 Dec 15 j 21:46	0°♐	
morning set	-1671 Dec 19 j 02:05	5°♐06'14	
max. Earth dist.	-1671 Dec 24 j 13:23	14°♐09'24	1.40752 AU
superior conj	-1670 Jan 01 j 08:14	27°♐42'11	-1°-59'-5
minimum elong	-1670 Jan 01 j 08:27	27°♐43'08	1°59'08
	-1670 Jan 02 j 14:51	0°♑	
evening rise	-1670 Jan 11 j 12:14	16°♑28'45	
	-1670 Jan 18 j 21:45	0°♒	
asc. node	-1670 Jan 20 j 20:54	3°♒17'27	
evening max el	-1670 Jan 27 j 17:40	12°♒25'46	18°18'28
retrograde	-1670 Feb 03 j 21:58	15°♒59'53	
evening set	-1670 Feb 06 j 10:17	15°♒34'41	
inferior conj	-1670 Feb 13 j 13:55	10°♒53'08	3°41'55
minimum elong	-1670 Feb 13 j 16:23	10°♒47'50	3°41'37
min. Earth dist.	-1670 Feb 16 j 23:22	8°♒00'26	0.59534 AU
morning rise	-1670 Feb 20 j 19:04	5°♒19'05	
direct	-1670 Feb 27 j 06:18	3°♒26'01	
desc. node	-1670 Mar 02 j 16:36	3°♒56'29	
morning max el	-1670 Mar 13 j 13:04	11°♒07'54	27°09'03
	-1670 Mar 28 j 05:38	0°♓	
morning set	-1670 Apr 13 j 05:37	29°♓12'57	
	-1670 Apr 13 j 14:38	0°♈	
asc. node	-1670 Apr 18 j 20:15	11°♈13'41	
superior conj	-1670 Apr 20 j 08:58	14°♈34'39	0°16'06
minimum elong	-1670 Apr 20 j 08:15	14°♈30'43	0°15'57
max. Earth dist.	-1670 Apr 20 j 00:01	13°♈45'36	1.32430 AU
evening rise	-1670 Apr 27 j 08:17	29°♈39'41	
	-1670 Apr 27 j 12:10	0°♉	
	-1670 May 14 j 02:58	0°♊	
evening max el	-1670 May 25 j 18:48	14°♊20'44	26°04'39
desc. node	-1670 May 29 j 15:46	17°♊38'01	
retrograde	-1670 Jun 08 j 20:35	21°♊35'46	
evening set	-1670 Jun 15 j 00:43	20°♊02'29	
min. Earth dist.	-1670 Jun 19 j 07:35	17°♊22'49	0.59053 AU
inferior conj	-1670 Jun 22 j 15:54	14°♊51'33	-4°-34'00
minimum elong	-1670 Jun 22 j 15:26	14°♊52'26	4°34'00
morning rise	-1670 Jun 30 j 09:52	10°♊23'06	
direct	-1670 Jul 02 j 21:18	10°♊02'16	
morning max el	-1670 Jul 10 j 18:45	13°♊47'59	18°30'09
asc. node	-1670 Jul 15 j 19:31	19°♊53'35	
	-1670 Jul 21 j 21:39	0°♋	
morning set	-1670 Jul 26 j 21:52	9°♋26'29	
superior conj	-1670 Aug 04 j 23:12	26°♋42'29	1°45'30
minimum elong	-1670 Aug 05 j 00:56	26°♋50'29	1°45'28
	-1670 Aug 06 j 18:02	0°♌	
max. Earth dist.	-1670 Aug 12 j 06:50	9°♌52'44	1.40011 AU
evening rise	-1670 Aug 16 j 16:05	17°♌21'21	
	-1670 Aug 24 j 12:05	0°♍	
desc. node	-1670 Aug 25 j 15:05	1°♍44'47	
	-1670 Sep 14 j 18:52	0°♎	
evening max el	-1670 Sep 20 j 12:35	6°♎24'32	23°40'53
retrograde	-1670 Oct 01 j 04:40	12°♎42'18	
evening set	-1670 Oct 06 j 06:19	10°♎36'17	
min. Earth dist.	-1670 Oct 11 j 04:43	4°♎50'58	0.67497 AU
inferior conj	-1670 Oct 11 j 15:39	4°♎13'38	0°-2'-36
minimum elong	-1670 Oct 11 j 15:42	4°♎13'26	0°02'36
transit middle	-1670 Oct 11 j 15:42	4°♎13'26	0°02'36
transit begin	-1670 Oct 11 j 13:01	4°♎22'35	
transit end	-1670 Oct 11 j 18:23	4°♎04'18	
asc. node	-1670 Oct 11 j 18:41	4°♎03'17	
	-1670 Oct 14 j 23:16	30°℞♍	
morning rise	-1670 Oct 17 j 01:12	28°♍02'40	
direct	-1670 Oct 21 j 01:21	26°♍32'16	
	-1670 Oct 27 j 22:25	0°♎	
morning max el	-1670 Oct 29 j 10:57	1°♎27'31	21°01'44
greatest brilliancy	-1670 Nov 04 j 01:22	7°♎59'43	-0.5m
	-1670 Nov 19 j 12:05	0°♏	
desc. node	-1670 Nov 21 j 14:28	3°♏10'29	
morning set	-1670 Nov 28 j 09:02	13°♏37'05	
max. Earth dist.	-1670 Dec 06 j 16:59	26°♏54'38	1.42638 AU
	-1670 Dec 08 j 14:14	0°♐	
superior conj	-1670 Dec 13 j 17:08	8°♐33'42	-1°-52'-52
minimum elong	-1670 Dec 13 j 13:10	8°♐16'55	1°52'43
evening rise	-1670 Dec 25 j 08:56	28°♐59'41	
	-1670 Dec 25 j 22:24	0°♑	
asc. node	-1669 Jan 07 j 17:58	21°♑24'46	
evening max el	-1669 Jan 11 j 04:34	25°♑30'09	18°07'52
retrograde	-1669 Jan 17 j 20:01	28°♑56'10	
evening set	-1669 Jan 20 j 12:06	28°♑22'50	
inferior conj	-1669 Jan 27 j 02:32	23°♑19'32	3°55'49
minimum elong	-1669 Jan 27 j 02:33	23°♑19'30	3°55'47
min. Earth dist.	-1669 Jan 30 j 03:09	20°♑22'27	0.61592 AU
morning rise	-1669 Feb 02 j 14:34	17°♑29'41	
direct	-1669 Feb 09 j 13:36	15°♑03'26	
desc. node	-1669 Feb 17 j 13:39	17°♑49'48	
morning max el	-1669 Feb 23 j 15:28	22°♑51'10	27°42'24
	-1669 Mar 02 j 00:26	0°♒	
	-1669 Mar 21 j 08:27	0°♓	
morning set	-1669 Mar 28 j 10:58	13°♓49'31	
max. Earth dist.	-1669 Apr 03 j 11:22	26°♓32'25	1.32617 AU
superior conj	-1669 Apr 04 j 19:44	29°♓28'16	0°-9'-29
minimum elong	-1669 Apr 04 j 20:10	29°♓30'39	0°09'23
behind sun begin	-1669 Apr 04 j 16:02	29°♓08'08	
behind sun end	-1669 Apr 05 j 00:18	29°♓53'10	
	-1669 Apr 05 j 01:34	0°♈	
asc. node	-1669 Apr 05 j 17:19	1°♈25'55	
evening rise	-1669 Apr 11 j 19:39	14°♈36'10	
	-1669 Apr 19 j 13:58	0°♉	
evening max el	-1669 May 07 j 12:00	25°♉19'55	24°43'18
	-1669 May 13 j 11:50	0°♊	
desc. node	-1669 May 16 j 12:48	1°♊28'05	
retrograde	-1669 May 21 j 11:28	2°♊24'16	
evening set	-1669 May 26 j 09:41	1°♊29'18	
	-1669 May 29 j 15:03	30°℞♉	
min. Earth dist.	-1669 May 31 j 23:48	28°♉35'29	0.57144 AU
inferior conj	-1669 Jun 03 j 21:07	26°♉42'13	-4°-11'-3
minimum elong	-1669 Jun 03 j 16:27	26°♉49'54	4°10'22
morning rise	-1669 Jun 12 j 03:09	22°♉34'00	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1669 Jun 14 j 16:05	22°♉15'46	
morning max el	-1669 Jun 23 j 19:14	26°♉30'49	19°18'33
	-1669 Jun 27 j 00:10	0°♊	
asc. node	-1669 Jul 02 j 16:35	8°♊22'44	
morning set	-1669 Jul 10 j 20:44	23°♊40'55	
	-1669 Jul 14 j 00:39	0°♋	
superior conj	-1669 Jul 19 j 02:47	10°♋04'28	1°47'53
minimum elong	-1669 Jul 19 j 02:24	10°♋02'33	1°47'56
max. Earth dist.	-1669 Jul 25 j 09:27	21°♋57'41	1.38033 AU
evening rise	-1669 Jul 29 j 06:16	28°♋54'41	
	-1669 Jul 29 j 21:10	0°♌	
desc. node	-1669 Aug 12 j 12:06	22°♌08'14	
	-1669 Aug 17 j 21:01	0°♍	
evening max el	-1669 Sep 03 j 00:07	19°♍57'41	24°59'01
retrograde	-1669 Sep 14 j 17:00	26°♍45'24	
evening set	-1669 Sep 20 j 09:39	24°♍21'27	
min. Earth dist.	-1669 Sep 24 j 23:14	19°♍11'19	0.67149 AU
inferior conj	-1669 Sep 25 j 20:45	18°♍00'22	0°-57'-18
minimum elong	-1669 Sep 25 j 22:09	17°♍55'45	0°56'44
asc. node	-1669 Sep 28 j 15:45	14°♍30'59	
morning rise	-1669 Oct 01 j 11:04	11°♍56'30	
direct	-1669 Oct 04 j 23:17	10°♍45'20	
morning max el	-1669 Oct 12 j 11:37	15°♍04'31	19°52'35
greatest brilliancy	-1669 Oct 20 j 03:58	24°♍37'30	-0.6m
	-1669 Oct 23 j 21:50	0°♎	
morning set	-1669 Nov 07 j 06:08	21°♎47'08	
desc. node	-1669 Nov 08 j 11:28	23°♎40'45	
	-1669 Nov 12 j 12:52	0°♏	
max. Earth dist.	-1669 Nov 19 j 04:23	10°♏29'15	1.44062 AU
superior conj	-1669 Nov 23 j 22:50	18°♏08'54	-1°-29'-39
minimum elong	-1669 Nov 23 j 15:18	17°♏38'23	1°28'59
	-1669 Dec 01 j 03:48	0°♐	
evening rise	-1669 Dec 07 j 11:13	10°♐39'04	
	-1669 Dec 19 j 01:39	0°♑	
evening max el	-1669 Dec 25 j 17:07	8°♑46'28	18°16'23
asc. node	-1669 Dec 25 j 15:01	8°♑41'07	
retrograde	-1668 Jan 01 j 05:20	12°♑17'11	
evening set	-1668 Jan 04 j 01:28	11°♑34'43	
inferior conj	-1668 Jan 10 j 05:43	6°♑10'49	3°47'47
minimum elong	-1668 Jan 10 j 03:54	6°♑15'48	3°47'34
min. Earth dist.	-1668 Jan 12 j 16:07	3°♑30'24	0.63461 AU
morning rise	-1668 Jan 16 j 04:44	0°♑10'16	
	-1668 Jan 16 j 10:01	30°℞♐	
direct	-1668 Jan 23 j 04:44	27°♐24'19	
	-1668 Jan 30 j 16:12	0°♑	
desc. node	-1668 Feb 04 j 10:42	3°♑46'10	
morning max el	-1668 Feb 05 j 22:41	5°♑12'16	27°39'12
	-1668 Feb 24 j 17:55	0°♒	
morning set	-1668 Mar 11 j 09:47	28°♒02'27	
	-1668 Mar 12 j 09:13	0°♓	
max. Earth dist.	-1668 Mar 16 j 17:05	8°♓56'57	1.33185 AU
superior conj	-1668 Mar 19 j 03:41	14°♓08'55	0°-35'-35
minimum elong	-1668 Mar 19 j 05:21	14°♓17'48	0°35'15
asc. node	-1668 Mar 22 j 14:22	21°♓34'06	
evening rise	-1668 Mar 26 j 07:20	29°♓29'05	
	-1668 Mar 26 j 13:13	0°♈	
	-1668 Apr 12 j 19:54	0°♉	
evening max el	-1668 Apr 18 j 03:16	5°♉58'10	23°09'18
retrograde	-1668 May 01 j 13:32	12°♉37'54	
desc. node	-1668 May 02 j 09:50	12°♉36'18	
evening set	-1668 May 05 j 02:31	12°♉10'28	
min. Earth dist.	-1668 May 12 j 13:13	8°♉50'02	0.55714 AU
inferior conj	-1668 May 14 j 06:41	7°♉49'29	-3°-5'-53
minimum elong	-1668 May 13 j 23:58	7°♉59'20	3°04'05
morning rise	-1668 May 23 j 00:31	3°♉53'53	
direct	-1668 May 25 j 16:18	3°♉36'53	
morning max el	-1668 Jun 05 j 09:29	8°♉35'07	20°27'36
asc. node	-1668 Jun 18 j 13:38	27°♉26'52	
	-1668 Jun 19 j 22:02	0°♊	
morning set	-1668 Jun 24 j 01:59	8°♊16'38	
superior conj	-1668 Jul 01 j 18:51	24°♊05'38	1°42'09
minimum elong	-1668 Jul 01 j 17:03	23°♊56'31	1°42'04
	-1668 Jul 04 j 17:34	0°♋	
max. Earth dist.	-1668 Jul 06 j 15:53	3°♋46'50	1.36216 AU
evening rise	-1668 Jul 10 j 18:15	11°♋32'38	
	-1668 Jul 21 j 10:03	0°♌	
desc. node	-1668 Jul 29 j 09:07	12°♌14'08	
	-1668 Aug 12 j 01:52	0°♍	
evening max el	-1668 Aug 15 j 11:25	3°♍32'38	26°07'15
retrograde	-1668 Aug 28 j 00:38	10°♍40'48	
evening set	-1668 Sep 03 j 07:57	8°♍02'21	
min. Earth dist.	-1668 Sep 07 j 13:17	3°♍29'45	0.66465 AU
inferior conj	-1668 Sep 08 j 22:23	1°♍46'30	-1°-51'-47
minimum elong	-1668 Sep 09 j 01:07	1°♍38'00	1°50'44
	-1668 Sep 10 j 09:08	30°℞♌	
morning rise	-1668 Sep 14 j 19:07	25°♌52'57	
asc. node	-1668 Sep 14 j 12:47	26°♌02'40	
direct	-1668 Sep 17 j 21:34	24°♌57'46	
morning max el	-1668 Sep 24 j 19:20	28°♌50'27	18°58'02
	-1668 Sep 25 j 21:26	0°♍	
	-1668 Oct 16 j 05:54	0°♎	
morning set	-1668 Oct 16 j 17:45	0°♎46'41	
desc. node	-1668 Oct 25 j 08:30	14°♎20'05	
max. Earth dist.	-1668 Oct 31 j 21:16	24°♎36'26	1.44837 AU
superior conj	-1668 Nov 02 j 05:23	26°♎43'00	0°-49'-26
minimum elong	-1668 Nov 01 j 23:13	26°♎18'43	0°48'42
	-1668 Nov 04 j 07:16	0°♏	
evening rise	-1668 Nov 17 j 15:03	21°♏20'43	
	-1668 Nov 22 j 22:52	0°♐	
evening max el	-1668 Dec 08 j 04:43	22°♐09'39	18°43'05
asc. node	-1668 Dec 11 j 12:02	24°♐52'59	
retrograde	-1668 Dec 14 j 21:50	25°♐55'41	
evening set	-1668 Dec 17 j 23:06	25°♐02'46	
inferior conj	-1668 Dec 23 j 19:46	19°♐20'47	3°24'21
minimum elong	-1668 Dec 23 j 17:02	19°♐29'06	3°23'46
min. Earth dist.	-1668 Dec 25 j 15:00	17°♐10'16	0.65003 AU
morning rise	-1668 Dec 29 j 09:50	13°♐12'36	
direct	-1667 Jan 05 j 02:42	10°♐21'51	
morning max el	-1667 Jan 18 j 08:18	18°♐02'32	27°02'23
desc. node	-1667 Jan 21 j 07:45	21°♐11'55	
	-1667 Jan 28 j 10:52	0°♑	
	-1667 Feb 16 j 15:31	0°♒	
morning set	-1667 Feb 22 j 22:58	11°♒41'57	
max. Earth dist.	-1667 Feb 27 j 13:23	20°♒48'39	1.34175 AU
superior conj	-1667 Mar 03 j 06:50	28°♒30'12	-1°-1'-7
minimum elong	-1667 Mar 03 j 09:35	28°♒44'38	1°00'39
	-1667 Mar 03 j 23:57	0°♓	
asc. node	-1667 Mar 09 j 11:23	11°♓34'05	
evening rise	-1667 Mar 10 j 17:35	14°♓12'04	
	-1667 Mar 18 j 20:10	0°♈	
evening max el	-1667 Mar 30 j 23:20	16°♈44'29	21°37'08
retrograde	-1667 Apr 12 j 05:25	22°♈41'27	
evening set	-1667 Apr 14 j 18:28	22°♈26'49	
desc. node	-1667 Apr 19 j 06:52	20°♈57'17	
inferior conj	-1667 Apr 24 j 03:07	18°♈24'49	-1°-21'-33
minimum elong	-1667 Apr 23 j 23:20	18°♈30'08	1°20'15
min. Earth dist.	-1667 Apr 24 j 02:26	18°♈25'46	0.55072 AU
morning rise	-1667 May 03 j 04:52	14°♈25'49	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1667 May 06 j 04:09	14°♈06'28	
morning max el	-1667 May 18 j 12:52	19°♈57'25	21°54'46
	-1667 May 26 j 19:19	0°♉	
asc. node	-1667 Jun 05 j 10:41	16°♉56'55	
morning set	-1667 Jun 08 j 11:18	23°♉06'33	
	-1667 Jun 11 j 18:05	0°♊	
superior conj	-1667 Jun 15 j 19:31	8°♊34'06	1°30'12
minimum elong	-1667 Jun 15 j 17:03	8°♊21'08	1°29'57
max. Earth dist.	-1667 Jun 19 j 06:38	15°♊43'52	1.34721 AU
evening rise	-1667 Jun 23 j 22:55	25°♊01'03	
	-1667 Jun 26 j 13:58	0°♋	
	-1667 Jul 14 j 21:31	0°♌	
desc. node	-1667 Jul 16 j 06:09	1°♌53'58	
evening max el	-1667 Jul 28 j 22:57	17°♌01'43	26°57'48
retrograde	-1667 Aug 11 j 03:11	24°♌20'43	
evening set	-1667 Aug 17 j 22:50	21°♌34'50	
min. Earth dist.	-1667 Aug 21 j 20:36	17°♌40'22	0.65419 AU
inferior conj	-1667 Aug 23 j 18:28	15°♌27'40	-2°-44'-4
minimum elong	-1667 Aug 23 j 22:18	15°♌16'36	2°42'46
morning rise	-1667 Aug 29 j 23:06	9°♌47'36	
asc. node	-1667 Sep 01 j 09:50	9°♌05'30	
direct	-1667 Sep 01 j 18:08	9°♌04'50	
morning max el	-1667 Sep 08 j 08:05	12°♌40'17	18°19'38
	-1667 Sep 20 j 13:27	0°♍	
morning set	-1667 Sep 27 j 08:32	11°♍06'51	
	-1667 Oct 09 j 00:49	0°♎	
superior conj	-1667 Oct 12 j 06:01	5°♎06'23	0°00'-7
minimum elong	-1667 Oct 12 j 06:00	5°♎06'19	0°00'08
behind sun begin	-1667 Oct 11 j 18:56	4°♎22'33	
behind sun end	-1667 Oct 12 j 17:03	5°♎50'02	
desc. node	-1667 Oct 12 j 05:31	5°♎04'24	
max. Earth dist.	-1667 Oct 14 j 15:44	8°♎54'10	1.44879 AU
	-1667 Oct 28 j 02:48	0°♏	
evening rise	-1667 Oct 28 j 18:44	1°♏02'22	
greatest brilliancy	-1667 Nov 12 j 13:39	23°♏51'33	-0.7m
	-1667 Nov 16 j 21:37	0°♐	
evening max el	-1667 Nov 21 j 13:06	5°♐35'57	19°26'48
asc. node	-1667 Nov 28 j 09:03	9°♐45'22	
retrograde	-1667 Nov 28 j 18:10	9°♐46'11	
evening set	-1667 Dec 02 j 02:19	8°♐41'00	
inferior conj	-1667 Dec 07 j 17:33	2°♐44'00	2°50'01
minimum elong	-1667 Dec 07 j 14:36	2°♐53'30	2°49'09
min. Earth dist.	-1667 Dec 08 j 22:41	1°♐09'46	0.66169 AU
	-1667 Dec 09 j 20:48	30°℞♏	
morning rise	-1667 Dec 13 j 02:07	26°♏30'46	
direct	-1667 Dec 19 j 06:53	23°♏47'46	
	-1667 Dec 30 j 13:25	0°♐	
morning max el	-1667 Dec 31 j 17:47	1°♐09'16	25°59'11
desc. node	-1666 Jan 08 j 04:48	9°♐41'04	
	-1666 Jan 22 j 11:46	0°♑	
morning set	-1666 Feb 05 j 22:21	24°♑35'41	
	-1666 Feb 08 j 19:25	0°♒	
max. Earth dist.	-1666 Feb 09 j 21:42	2°♒06'10	1.35615 AU
superior conj	-1666 Feb 15 j 02:45	12°♒25'03	-1°-24'-35
minimum elong	-1666 Feb 15 j 06:13	12°♒42'38	1°24'09
evening rise	-1666 Feb 23 j 00:27	28°♒39'02	
	-1666 Feb 23 j 16:21	0°♓	
asc. node	-1666 Feb 24 j 08:24	1°♓21'21	
evening max el	-1666 Mar 13 j 05:24	28°♓01'55	20°17'29
	-1666 Mar 15 j 12:40	0°♈	
retrograde	-1666 Mar 23 j 19:53	3°♈05'59	
evening set	-1666 Mar 26 j 00:27	2°♈53'55	
	-1666 Apr 02 j 03:31	30°℞♓	
inferior conj	-1666 Apr 03 j 23:41	28°♓55'39	0°36'39
minimum elong	-1666 Apr 04 j 01:19	28°♓53'13	0°36'05
min. Earth dist.	-1666 Apr 05 j 16:36	27°♓55'09	0.55378 AU
desc. node	-1666 Apr 06 j 03:55	27°♓38'42	
morning rise	-1666 Apr 12 j 23:48	24°♓34'24	
direct	-1666 Apr 16 j 17:21	24°♓04'00	
	-1666 Apr 29 j 12:02	0°♈	
morning max el	-1666 Apr 30 j 07:31	0°♈44'54	23°33'19
	-1666 May 19 j 23:41	0°♉	
asc. node	-1666 May 23 j 07:44	6°♉46'02	
morning set	-1666 May 23 j 22:52	8°♉05'04	
superior conj	-1666 May 31 j 02:00	23°♉21'03	1°13'31
minimum elong	-1666 May 30 j 23:28	23°♉07'28	1°13'09
max. Earth dist.	-1666 Jun 02 j 07:00	28°♉03'38	1.33610 AU
	-1666 Jun 03 j 05:05	0°♊	
evening rise	-1666 Jun 07 j 15:46	9°♊07'14	
	-1666 Jun 19 j 00:01	0°♋	
desc. node	-1666 Jul 03 j 03:09	20°♋56'45	
	-1666 Jul 11 j 03:37	0°♌	
evening max el	-1666 Jul 11 j 09:57	0°♌15'15	27°23'22
retrograde	-1666 Jul 25 j 00:10	7°♌36'59	
evening set	-1666 Aug 01 j 03:25	4°♌54'35	
min. Earth dist.	-1666 Aug 04 j 19:17	1°♌35'24	0.64004 AU
	-1666 Aug 06 j 07:45	30°℞♋	
inferior conj	-1666 Aug 07 j 06:37	28°♋59'23	-3°-31'-20
minimum elong	-1666 Aug 07 j 10:58	28°♋47'55	3°30'11
morning rise	-1666 Aug 13 j 20:26	23°♋35'52	
direct	-1666 Aug 16 j 10:31	23°♋02'12	
asc. node	-1666 Aug 19 j 06:54	23°♋43'18	
morning max el	-1666 Aug 22 j 23:15	26°♋28'39	17°58'24
	-1666 Aug 25 j 23:55	0°♌	
morning set	-1666 Sep 09 j 02:07	22°♌44'09	
	-1666 Sep 13 j 08:08	0°♍	
superior conj	-1666 Sep 21 j 22:34	14°♍19'37	0°45'39
minimum elong	-1666 Sep 22 j 03:13	14°♍38'36	0°45'03
max. Earth dist.	-1666 Sep 27 j 08:38	23°♍04'04	1.44202 AU
desc. node	-1666 Sep 29 j 02:31	25°♍50'31	
	-1666 Oct 01 j 17:49	0°♎	
evening rise	-1666 Oct 08 j 04:06	9°♎59'54	
	-1666 Oct 21 j 08:51	0°♏	
greatest brilliancy	-1666 Oct 29 j 09:08	11°♏25'02	-0.5m
evening max el	-1666 Nov 04 j 16:31	19°♏03'19	20°25'30
retrograde	-1666 Nov 12 j 15:38	23°♏44'54	
asc. node	-1666 Nov 15 j 06:05	23°♏05'59	
evening set	-1666 Nov 16 j 08:48	22°♏25'04	
inferior conj	-1666 Nov 21 j 20:25	16°♏16'25	2°07'51
minimum elong	-1666 Nov 21 j 17:52	16°♏25'03	2°06'55
min. Earth dist.	-1666 Nov 22 j 13:01	15°♏20'19	0.66969 AU
morning rise	-1666 Nov 27 j 02:23	10°♏00'36	
direct	-1666 Dec 02 j 16:28	7°♏34'13	
morning max el	-1666 Dec 14 j 02:11	14°♏22'09	24°39'00
desc. node	-1666 Dec 26 j 01:50	28°♏54'49	
	-1666 Dec 26 j 20:51	0°♐	
	-1665 Jan 15 j 08:38	0°♑	
morning set	-1665 Jan 19 j 02:19	6°♑27'08	
max. Earth dist.	-1665 Jan 22 j 19:50	13°♑08'18	1.37469 AU
superior conj	-1665 Jan 29 j 12:12	25°♑44'04	-1°-43'-58
minimum elong	-1665 Jan 29 j 15:34	26°♑00'26	1°43'44
	-1665 Jan 31 j 16:31	0°♒	
evening rise	-1665 Feb 07 j 01:43	12°♒42'51	
asc. node	-1665 Feb 11 j 05:26	20°♒50'00	
	-1665 Feb 16 j 08:59	0°♓	
evening max el	-1665 Feb 23 j 22:24	9°♓56'19	19°15'36
retrograde	-1665 Mar 04 j 21:05	14°♓13'11	
evening set	-1665 Mar 07 j 03:19	13°♓58'01	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1665 Mar 15 j 09:34	9°♓48'23	2°16'22
minimum elong	-1665 Mar 15 j 14:07	9°♓40'44	2°15'04
min. Earth dist.	-1665 Mar 18 j 07:46	7°♓51'18	0.56569 AU
morning rise	-1665 Mar 23 j 20:59	4°♓55'51	
desc. node	-1665 Mar 24 j 00:59	4°♓52'14	
direct	-1665 Mar 28 j 17:58	4°♓00'56	
morning max el	-1665 Apr 11 j 22:13	11°♓16'20	25°11'30
	-1665 Apr 26 j 05:10	0°♈	
morning set	-1665 May 08 j 10:56	23°♈05'15	
asc. node	-1665 May 10 j 04:48	26°♈47'27	
	-1665 May 11 j 16:33	0°♉	
superior conj	-1665 May 15 j 11:58	8°♉17'42	0°53'14
minimum elong	-1665 May 15 j 09:52	8°♉06'16	0°52'51
max. Earth dist.	-1665 May 16 j 15:06	10°♉45'15	1.32874 AU
evening rise	-1665 May 22 j 17:04	23°♉38'34	
	-1665 May 25 j 21:07	0°♊	
	-1665 Jun 12 j 18:31	0°♋	
desc. node	-1665 Jun 20 j 00:11	9°♋06'23	
evening max el	-1665 Jun 23 j 18:18	13°♋00'20	27°18'27
retrograde	-1665 Jul 07 j 14:40	20°♋20'05	
evening set	-1665 Jul 14 j 17:53	17°♋54'45	
min. Earth dist.	-1665 Jul 18 j 07:59	15°♋02'47	0.62242 AU
inferior conj	-1665 Jul 21 j 07:50	12°♋14'42	-4°-9'-27
minimum elong	-1665 Jul 21 j 11:38	12°♋05'46	4°08'48
morning rise	-1665 Jul 28 j 07:55	7°♋10'50	
direct	-1665 Jul 30 j 19:31	6°♋43'28	
asc. node	-1665 Aug 06 j 04:00	9°♋45'14	
morning max el	-1665 Aug 06 j 14:06	10°♋09'19	17°55'27
	-1665 Aug 19 j 17:08	0°♌	
morning set	-1665 Aug 22 j 17:07	5°♌23'10	
superior conj	-1665 Sep 02 j 18:05	24°♌52'58	1°19'25
minimum elong	-1665 Sep 02 j 23:11	25°♌14'46	1°18'55
	-1665 Sep 05 j 18:33	0°♍	
max. Earth dist.	-1665 Sep 09 j 21:58	6°♍51'27	1.42899 AU
desc. node	-1665 Sep 15 j 23:33	16°♍35'26	
evening rise	-1665 Sep 17 j 11:14	18°♍55'34	
	-1665 Sep 24 j 16:10	0°♎	
greatest brilliancy	-1665 Oct 13 j 15:22	26°♎50'37	-0.4m
	-1665 Oct 16 j 06:28	0°♏	
evening max el	-1665 Oct 18 j 14:07	2°♏31'10	21°36'10
retrograde	-1665 Oct 27 j 12:17	7°♏49'12	
evening set	-1665 Oct 31 j 16:41	6°♏12'25	
asc. node	-1665 Nov 02 j 03:09	4°♏54'12	
inferior conj	-1665 Nov 06 j 02:15	29°♎55'30	1°20'03
minimum elong	-1665 Nov 06 j 00:29	0°♏01'33	1°19'19
	-1665 Nov 06 j 00:56	30°℞♎	
min. Earth dist.	-1665 Nov 06 j 07:37	29°♎36'59	0.67426 AU
morning rise	-1665 Nov 11 j 08:01	23°♎39'38	
direct	-1665 Nov 16 j 06:45	21°♎34'37	
morning max el	-1665 Nov 26 j 11:28	27°♎38'56	23°12'00
	-1665 Nov 28 j 16:28	0°♏	
greatest brilliancy	-1665 Dec 01 j 13:11	3°♏20'44	-0.3m
desc. node	-1665 Dec 12 j 22:53	18°♏40'24	
	-1665 Dec 20 j 13:34	0°♐	
morning set	-1665 Dec 31 j 04:40	17°♐00'29	
max. Earth dist.	-1664 Jan 04 j 15:14	24°♐33'39	1.39561 AU
	-1664 Jan 07 j 17:33	0°♑	
superior conj	-1664 Jan 12 j 07:02	8°♑16'30	-1°-56'-28
minimum elong	-1664 Jan 12 j 08:55	8°♑25'14	1°56'27
evening rise	-1664 Jan 21 j 18:40	26°♑17'09	
	-1664 Jan 23 j 17:13	0°♒	
asc. node	-1664 Jan 29 j 02:29	9°♒53'52	
evening max el	-1664 Feb 07 j 00:34	22°♒24'11	18°33'28
retrograde	-1664 Feb 14 j 16:50	26°♒09'10	
evening set	-1664 Feb 17 j 03:06	25°♒47'57	
inferior conj	-1664 Feb 24 j 15:42	21°♒18'33	3°20'50
minimum elong	-1664 Feb 24 j 19:30	21°♒11'05	3°20'07
min. Earth dist.	-1664 Feb 28 j 01:22	18°♒39'59	0.58371 AU
morning rise	-1664 Mar 03 j 08:07	15°♒57'32	
direct	-1664 Mar 09 j 07:44	14°♒26'52	
desc. node	-1664 Mar 09 j 22:03	14°♒27'46	
morning max el	-1664 Mar 23 j 15:10	22°♒01'06	26°34'07
	-1664 Mar 30 j 15:43	0°♓	
	-1664 Apr 17 j 23:13	0°♈	
morning set	-1664 Apr 21 j 21:52	8°♈01'30	
asc. node	-1664 Apr 26 j 01:51	16°♈56'25	
superior conj	-1664 Apr 28 j 23:34	23°♈17'42	0°30'14
minimum elong	-1664 Apr 28 j 22:15	23°♈10'34	0°29'59
max. Earth dist.	-1664 Apr 29 j 03:34	23°♈39'39	1.32496 AU
	-1664 May 02 j 01:11	0°♉	
evening rise	-1664 May 06 j 00:00	8°♉25'41	
	-1664 May 17 j 07:45	0°♊	
evening max el	-1664 Jun 04 j 21:15	25°♊04'50	26°40'28
desc. node	-1664 Jun 05 j 21:14	26°♊00'28	
	-1664 Jun 11 j 04:52	0°♋	
retrograde	-1664 Jun 18 j 21:19	2°♋21'30	
evening set	-1664 Jun 25 j 13:47	0°♋26'26	
	-1664 Jun 26 j 07:45	30°℞♊	
min. Earth dist.	-1664 Jun 29 j 10:38	27°♊47'37	0.60238 AU
inferior conj	-1664 Jul 02 j 18:34	25°♊04'22	-4°-31'-54
minimum elong	-1664 Jul 02 j 20:11	25°♊01'03	4°31'48
morning rise	-1664 Jul 10 j 05:47	20°♊22'47	
direct	-1664 Jul 12 j 17:01	19°♊59'48	
morning max el	-1664 Jul 20 j 01:42	23°♊34'35	18°11'47
asc. node	-1664 Jul 23 j 01:06	26°♊55'42	
	-1664 Jul 25 j 06:15	0°♋	
morning set	-1664 Aug 04 j 23:48	18°♋48'00	
	-1664 Aug 10 j 23:17	0°♌	
superior conj	-1664 Aug 14 j 15:42	6°♌44'05	1°39'31
minimum elong	-1664 Aug 14 j 18:49	6°♌58'09	1°39'21
max. Earth dist.	-1664 Aug 22 j 05:58	20°♌01'08	1.41138 AU
evening rise	-1664 Aug 27 j 10:05	28°♌36'04	
	-1664 Aug 28 j 06:49	0°♍	
desc. node	-1664 Sep 01 j 20:33	7°♍15'24	
	-1664 Sep 17 j 07:01	0°♎	
greatest brilliancy	-1664 Sep 25 j 04:01	10°♎17'11	-0.3m
evening max el	-1664 Sep 30 j 06:10	15°♎59'19	22°54'31
retrograde	-1664 Oct 10 j 06:35	21°♎55'51	
evening set	-1664 Oct 15 j 00:09	20°♎00'25	
asc. node	-1664 Oct 19 j 00:14	15°♎31'13	
inferior conj	-1664 Oct 20 j 09:09	13°♎38'47	0°28'19
minimum elong	-1664 Oct 20 j 08:30	13°♎41'04	0°28'01
min. Earth dist.	-1664 Oct 20 j 04:03	13°♎56'24	0.67564 AU
morning rise	-1664 Oct 25 j 16:49	7°♎25'25	
direct	-1664 Oct 30 j 00:44	5°♎42'54	
morning max el	-1664 Nov 08 j 01:01	11°♎01'49	21°46'58
greatest brilliancy	-1664 Nov 12 j 22:25	16°♎35'45	-0.4m
	-1664 Nov 22 j 19:54	0°♏	
desc. node	-1664 Nov 28 j 19:54	8°♏48'06	
morning set	-1664 Dec 10 j 01:53	26°♏09'46	
	-1664 Dec 12 j 11:16	0°♐	
max. Earth dist.	-1664 Dec 16 j 15:07	6°♐49'00	1.41604 AU
superior conj	-1664 Dec 24 j 05:49	19°♐48'02	-1°-58'-19
minimum elong	-1664 Dec 24 j 04:24	19°♐41'50	1°58'19
	-1664 Dec 29 j 23:01	0°♑	
evening rise	-1663 Jan 03 j 23:51	9°♑13'26	
asc. node	-1663 Jan 14 j 23:31	28°♑24'27	
	-1663 Jan 16 j 01:23	0°♒	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1663 Jan 20 j 09:01	5°♒16'58	18°11'29
retrograde	-1663 Jan 27 j 06:35	8°♒46'10	
evening set	-1663 Jan 29 j 20:31	8°♒17'35	
inferior conj	-1663 Feb 05 j 18:05	3°♒26'20	3°51'00
minimum elong	-1663 Feb 05 j 19:29	3°♒23'10	3°50'52
min. Earth dist.	-1663 Feb 09 j 00:36	0°♒29'05	0.60421 AU
	-1663 Feb 09 j 14:17	30°℞♑	
morning rise	-1663 Feb 12 j 15:30	27°♑44'39	
direct	-1663 Feb 19 j 08:59	25°♑36'35	
desc. node	-1663 Feb 24 j 19:06	26°♑52'57	
	-1663 Mar 01 j 19:05	0°♒	
morning max el	-1663 Mar 05 j 14:10	3°♒21'12	27°27'49
	-1663 Mar 25 j 03:38	0°♓	
morning set	-1663 Apr 06 j 05:51	22°♓47'37	
	-1663 Apr 09 j 15:52	0°♈	
max. Earth dist.	-1663 Apr 12 j 16:31	6°♈33'52	1.32465 AU
asc. node	-1663 Apr 12 j 22:54	7°♈08'45	
superior conj	-1663 Apr 13 j 11:05	8°♈15'23	0°05'22
minimum elong	-1663 Apr 13 j 10:51	8°♈14'03	0°05'20
behind sun begin	-1663 Apr 13 j 06:05	7°♈48'00	
behind sun end	-1663 Apr 13 j 15:36	8°♈40'08	
evening rise	-1663 Apr 20 j 10:18	23°♈20'49	
	-1663 Apr 23 j 15:46	0°♉	
	-1663 May 11 j 22:09	0°♊	
evening max el	-1663 May 17 j 17:25	6°♊25'03	25°32'27
desc. node	-1663 May 23 j 18:16	11°♊08'42	
retrograde	-1663 May 31 j 18:47	13°♊36'54	
evening set	-1663 Jun 06 j 11:36	12°♊20'10	
min. Earth dist.	-1663 Jun 11 j 05:28	9°♊36'36	0.58201 AU
inferior conj	-1663 Jun 14 j 11:17	7°♊19'00	-4°-28'-57
minimum elong	-1663 Jun 14 j 09:02	7°♊23'01	4°28'47
morning rise	-1663 Jun 22 j 10:22	3°♊00'04	
direct	-1663 Jun 24 j 22:29	2°♊40'24	
morning max el	-1663 Jul 03 j 07:09	6°♊36'25	18°48'19
asc. node	-1663 Jul 09 j 22:10	15°♊00'12	
	-1663 Jul 18 j 07:23	0°♋	
morning set	-1663 Jul 19 j 17:47	2°♋47'21	
superior conj	-1663 Jul 28 j 10:03	19°♋38'21	1°47'39
minimum elong	-1663 Jul 28 j 10:48	19°♋41'55	1°47'41
	-1663 Aug 03 j 00:25	0°♌	
max. Earth dist.	-1663 Aug 04 j 09:11	2°♌26'37	1.39157 AU
evening rise	-1663 Aug 08 j 09:50	9°♌27'41	
desc. node	-1663 Aug 19 j 17:35	27°♌46'43	
	-1663 Aug 21 j 04:38	0°♍	
evening max el	-1663 Sep 12 j 18:30	29°♍30'11	24°14'42
	-1663 Sep 13 j 06:39	0°♎	
retrograde	-1663 Sep 23 j 21:29	6°♎02'03	
evening set	-1663 Sep 29 j 05:32	3°♎47'52	
	-1663 Oct 02 j 16:53	30°℞♍	
min. Earth dist.	-1663 Oct 03 j 23:58	28°♍17'23	0.67391 AU
inferior conj	-1663 Oct 04 j 15:25	27°♍25'15	0°-25'-44
minimum elong	-1663 Oct 04 j 16:03	27°♍23'09	0°25'29
asc. node	-1663 Oct 05 j 21:18	25°♍45'43	
morning rise	-1663 Oct 10 j 02:50	21°♍17'07	
direct	-1663 Oct 13 j 21:34	19°♍55'29	
morning max el	-1663 Oct 21 j 21:28	24°♍34'20	20°30'40
	-1663 Oct 26 j 14:00	0°♎	
greatest brilliancy	-1663 Oct 28 j 05:25	2°♎08'06	-0.5m
desc. node	-1663 Nov 15 j 16:55	29°♎11'54	
	-1663 Nov 16 j 05:27	0°♏	
morning set	-1663 Nov 19 j 01:45	4°♏23'37	
max. Earth dist.	-1663 Nov 28 j 22:12	19°♏57'11	1.43316 AU
superior conj	-1663 Dec 05 j 03:17	0°♐06'55	-1°-45'-13
minimum elong	-1663 Dec 04 j 21:29	29°♏42'50	1°44'52
	-1663 Dec 05 j 01:37	0°♐	
evening rise	-1663 Dec 17 j 13:17	21°♐23'44	
	-1663 Dec 22 j 11:13	0°♑	
asc. node	-1662 Jan 01 j 20:33	16°♑11'42	
evening max el	-1662 Jan 03 j 20:51	18°♑26'53	18°09'08
retrograde	-1662 Jan 10 j 10:03	21°♑53'52	
evening set	-1662 Jan 13 j 03:38	21°♑16'56	
inferior conj	-1662 Jan 19 j 13:24	16°♑04'37	3°54'38
minimum elong	-1662 Jan 19 j 12:32	16°♑06'51	3°54'34
min. Earth dist.	-1662 Jan 22 j 08:19	13°♑12'15	0.62418 AU
morning rise	-1662 Jan 25 j 19:20	10°♑09'22	
direct	-1662 Feb 01 j 19:46	7°♑32'51	
desc. node	-1662 Feb 11 j 16:08	11°♑43'05	
morning max el	-1662 Feb 15 j 19:07	15°♑22'17	27°45'29
	-1662 Feb 27 j 18:44	0°♒	
	-1662 Mar 17 j 16:36	0°♓	
morning set	-1662 Mar 21 j 08:44	7°♓15'31	
max. Earth dist.	-1662 Mar 27 j 01:56	19°♓12'53	1.32803 AU
superior conj	-1662 Mar 28 j 20:51	23°♓04'17	0°-20'-33
minimum elong	-1662 Mar 28 j 21:48	23°♓09'27	0°20'22
asc. node	-1662 Mar 30 j 19:55	27°♓19'48	
	-1662 Apr 01 j 01:25	0°♈	
evening rise	-1662 Apr 04 j 21:58	8°♈16'27	
	-1662 Apr 16 j 07:41	0°♉	
evening max el	-1662 Apr 29 j 08:51	17°♉11'38	24°04'00
desc. node	-1662 May 10 j 15:19	23°♉53'39	
retrograde	-1662 May 13 j 04:48	24°♉08'41	
evening set	-1662 May 17 j 12:23	23°♉27'13	
min. Earth dist.	-1662 May 23 j 20:12	20°♉23'20	0.56447 AU
inferior conj	-1662 May 26 j 07:49	18°♉50'53	-3°-48'-53
minimum elong	-1662 May 26 j 01:47	19°♉00'18	3°47'40
morning rise	-1662 Jun 03 j 19:04	14°♉49'41	
direct	-1662 Jun 06 j 08:41	14°♉32'23	
morning max el	-1662 Jun 16 j 03:36	19°♉04'22	19°45'34
	-1662 Jun 24 j 14:07	0°♊	
asc. node	-1662 Jun 26 j 19:13	3°♊45'25	
morning set	-1662 Jul 03 j 19:39	17°♊11'26	
	-1662 Jul 10 j 03:38	0°♋	
superior conj	-1662 Jul 11 j 19:28	3°♋18'44	1°46'20
minimum elong	-1662 Jul 11 j 18:23	3°♋13'23	1°46'19
max. Earth dist.	-1662 Jul 17 j 12:11	14°♋19'35	1.37221 AU
evening rise	-1662 Jul 21 j 09:52	21°♋30'04	
	-1662 Jul 26 j 06:32	0°♌	
desc. node	-1662 Aug 06 j 14:38	18°♌03'37	
	-1662 Aug 15 j 02:02	0°♍	
evening max el	-1662 Aug 26 j 05:35	13°♍04'08	25°29'43
retrograde	-1662 Sep 07 j 08:05	20°♍02'41	
evening set	-1662 Sep 13 j 07:00	17°♍31'55	
min. Earth dist.	-1662 Sep 17 j 16:57	12°♍37'24	0.66895 AU
inferior conj	-1662 Sep 18 j 19:17	11°♍12'19	-1°-20'-34
minimum elong	-1662 Sep 18 j 21:15	11°♍05'57	1°19'46
asc. node	-1662 Sep 22 j 18:21	6°♍35'27	
morning rise	-1662 Sep 24 j 12:08	5°♍12'21	
direct	-1662 Sep 27 j 19:47	4°♍08'34	
morning max el	-1662 Oct 05 j 01:19	8°♍15'48	19°27'27
greatest brilliancy	-1662 Oct 14 j 06:28	20°♍09'01	-0.7m
	-1662 Oct 20 j 19:47	0°♎	
morning set	-1662 Oct 29 j 02:25	12°♎47'56	
desc. node	-1662 Nov 02 j 13:58	19°♎46'53	
	-1662 Nov 09 j 02:25	0°♏	
max. Earth dist.	-1662 Nov 11 j 11:45	3°♏46'22	1.44474 AU
superior conj	-1662 Nov 14 j 22:01	9°♏13'16	-1°-14'-25
minimum elong	-1662 Nov 14 j 14:16	8°♏42'22	1°13'36
	-1662 Nov 27 j 16:06	0°♐	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1662 Nov 29 j 06:29	2°♐39'50	
	-1662 Dec 16 j 18:30	0°♑	
evening max el	-1662 Dec 18 j 09:21	1°♑47'36	18°25'36
asc. node	-1662 Dec 19 j 17:34	3°♑03'10	
retrograde	-1662 Dec 24 j 22:49	5°♑23'38	
evening set	-1662 Dec 27 j 20:54	4°♑37'04	
	-1661 Jan 02 j 02:32	30°℞♐	
inferior conj	-1661 Jan 02 j 21:40	29°♐05'28	3°39'24
minimum elong	-1661 Jan 02 j 19:21	29°♐12'06	3°39'02
min. Earth dist.	-1661 Jan 05 j 01:42	26°♐36'13	0.64162 AU
morning rise	-1661 Jan 08 j 16:24	23°♐01'16	
direct	-1661 Jan 15 j 14:16	20°♐11'08	
morning max el	-1661 Jan 29 j 03:39	27°♐57'52	27°27'11
desc. node	-1661 Jan 29 j 13:10	28°♐21'45	
	-1661 Jan 31 j 02:44	0°♑	
	-1661 Feb 21 j 11:50	0°♒	
morning set	-1661 Mar 05 j 03:53	21°♒16'19	
	-1661 Mar 09 j 11:39	0°♓	
max. Earth dist.	-1661 Mar 10 j 03:50	1°♓23'51	1.33549 AU
superior conj	-1661 Mar 13 j 03:02	7°♓38'20	0°-46'-33
minimum elong	-1661 Mar 13 j 05:11	7°♓49'46	0°46'09
asc. node	-1661 Mar 17 j 16:56	17°♓25'32	
evening rise	-1661 Mar 20 j 09:16	23°♓06'20	
	-1661 Mar 23 j 17:54	0°♈	
evening max el	-1661 Apr 11 j 01:29	27°♈50'47	22°29'12
	-1661 Apr 13 j 12:27	0°♉	
retrograde	-1661 Apr 24 j 01:54	4°♉14'08	
evening set	-1661 Apr 27 j 02:39	3°♉53'58	
desc. node	-1661 Apr 27 j 12:18	3°♉48'23	
min. Earth dist.	-1661 May 05 j 09:42	0°♉18'11	0.55331 AU
	-1661 May 05 j 22:31	30°℞♈	
inferior conj	-1661 May 06 j 10:36	29°♈42'47	-2°-25'-25
minimum elong	-1661 May 06 j 04:31	29°♈51'27	2°23'33
morning rise	-1661 May 15 j 08:32	25°♈47'35	
direct	-1661 May 18 j 02:27	25°♈30'14	
	-1661 May 28 j 14:18	0°♉	
morning max el	-1661 May 29 j 13:09	0°♉50'58	21°02'40
asc. node	-1661 Jun 13 j 16:15	23°♉01'36	
	-1661 Jun 17 j 04:38	0°♊	
morning set	-1661 Jun 18 j 02:51	1°♊53'41	
superior conj	-1661 Jun 25 j 15:34	17°♊32'28	1°37'45
minimum elong	-1661 Jun 25 j 13:23	17°♊21'18	1°37'35
max. Earth dist.	-1661 Jun 29 j 21:33	26°♊08'23	1.35538 AU
	-1661 Jul 01 j 20:48	0°♋	
evening rise	-1661 Jul 04 j 05:34	4°♋31'22	
	-1661 Jul 19 j 02:43	0°♌	
desc. node	-1661 Jul 24 j 11:39	7°♌59'20	
evening max el	-1661 Aug 08 j 17:08	26°♌37'58	26°31'29
	-1661 Aug 12 j 13:33	0°♍	
retrograde	-1661 Aug 21 j 13:38	3°♍51'52	
evening set	-1661 Aug 28 j 02:26	1°♍09'30	
	-1661 Aug 29 j 08:53	30°℞♌	
min. Earth dist.	-1661 Sep 01 j 04:33	26°♌52'52	0.66059 AU
inferior conj	-1661 Sep 02 j 18:50	24°♌56'50	-2°-14'-25
minimum elong	-1661 Sep 02 j 22:04	24°♌47'01	2°13'13
morning rise	-1661 Sep 08 j 18:43	19°♌08'19	
asc. node	-1661 Sep 09 j 15:24	18°♌43'42	
direct	-1661 Sep 11 j 17:42	18°♌18'47	
morning max el	-1661 Sep 18 j 11:20	22°♌03'17	18°39'36
	-1661 Sep 24 j 18:18	0°♍	
morning set	-1661 Oct 09 j 00:57	22°♍20'19	
	-1661 Oct 13 j 20:12	0°♎	
desc. node	-1661 Oct 20 j 11:00	10°♎28'43	
superior conj	-1661 Oct 24 j 23:17	17°♎35'10	0°-28'-54
minimum elong	-1661 Oct 24 j 19:28	17°♎20'11	0°28'25
max. Earth dist.	-1661 Oct 25 j 05:31	17°♎59'45	1.44944 AU
	-1661 Nov 01 j 20:25	0°♏	
evening rise	-1661 Nov 09 j 23:53	12°♏55'15	
	-1661 Nov 20 j 17:59	0°♐	
evening max el	-1661 Dec 01 j 19:56	15°♐13'14	18°59'46
asc. node	-1661 Dec 06 j 14:36	18°♐43'34	
retrograde	-1661 Dec 08 j 17:12	19°♐08'10	
evening set	-1661 Dec 11 j 21:13	18°♐10'14	
inferior conj	-1661 Dec 17 j 15:21	12°♐21'42	3°10'53
minimum elong	-1661 Dec 17 j 12:26	12°♐30'46	3°10'10
min. Earth dist.	-1661 Dec 19 j 04:26	10°♐26'10	0.65550 AU
morning rise	-1661 Dec 23 j 02:43	6°♐11'21	
direct	-1661 Dec 29 j 15:04	3°♐22'25	
morning max el	-1660 Jan 11 j 13:11	10°♐55'59	26°38'08
desc. node	-1660 Jan 16 j 10:12	16°♐17'16	
	-1660 Jan 26 j 18:15	0°♑	
	-1660 Feb 14 j 00:13	0°♒	
morning set	-1660 Feb 16 j 11:46	4°♒38'06	
max. Earth dist.	-1660 Feb 20 j 19:02	12°♒59'50	1.34739 AU
superior conj	-1660 Feb 25 j 03:28	21°♒49'46	-1°-11'-25
minimum elong	-1660 Feb 25 j 06:35	22°♒05'56	1°10'57
	-1660 Feb 29 j 01:30	0°♓	
evening rise	-1660 Mar 03 j 18:20	7°♓43'32	
asc. node	-1660 Mar 03 j 13:57	7°♓20'55	
	-1660 Mar 15 j 21:49	0°♈	
evening max el	-1660 Mar 23 j 01:31	8°♈48'51	21°01'15
retrograde	-1660 Apr 03 j 15:07	14°♈22'53	
evening set	-1660 Apr 05 j 23:03	14°♈10'11	
desc. node	-1660 Apr 13 j 09:20	11°♈13'36	
inferior conj	-1660 Apr 15 j 05:12	10°♈12'11	0°-31'-2
minimum elong	-1660 Apr 15 j 03:44	10°♈14'16	0°30'31
min. Earth dist.	-1660 Apr 15 j 23:06	9°♈46'50	0.55094 AU
morning rise	-1660 Apr 24 j 07:41	6°♈05'52	
direct	-1660 Apr 27 j 13:40	5°♈42'59	
morning max el	-1660 May 10 j 12:12	11°♈56'06	22°35'50
	-1660 May 23 j 20:53	0°♉	
asc. node	-1660 May 30 j 13:19	12°♉40'41	
morning set	-1660 Jun 01 j 13:21	16°♉48'08	
	-1660 Jun 07 j 18:35	0°♊	
superior conj	-1660 Jun 08 j 19:01	2°♊09'42	1°23'37
minimum elong	-1660 Jun 08 j 16:27	1°♊56'06	1°23'19
max. Earth dist.	-1660 Jun 11 j 16:46	8°♊15'39	1.34206 AU
evening rise	-1660 Jun 16 j 15:57	18°♊17'34	
	-1660 Jun 22 j 21:29	0°♋	
desc. node	-1660 Jul 10 j 08:38	27°♋25'02	
	-1660 Jul 12 j 07:54	0°♌	
evening max el	-1660 Jul 21 j 04:54	10°♌02'57	27°12'12
retrograde	-1660 Aug 03 j 13:40	17°♌22'59	
evening set	-1660 Aug 10 j 13:21	14°♌37'19	
min. Earth dist.	-1660 Aug 14 j 08:25	10°♌58'24	0.64861 AU
inferior conj	-1660 Aug 16 j 11:54	8°♌35'08	-3°-4'-57
minimum elong	-1660 Aug 16 j 16:02	8°♌23'35	3°03'40
morning rise	-1660 Aug 22 j 20:16	3°♌01'33	
direct	-1660 Aug 25 j 13:00	2°♌22'53	
asc. node	-1660 Aug 26 j 12:29	2°♌27'59	
morning max el	-1660 Sep 01 j 01:26	5°♌53'15	18°08'29
	-1660 Sep 17 j 04:55	0°♍	
morning set	-1660 Sep 19 j 03:46	3°♍15'48	
superior conj	-1660 Oct 03 j 04:23	26°♍13'26	0°20'24
minimum elong	-1660 Oct 03 j 06:51	26°♍23'16	0°20'03
	-1660 Oct 05 j 13:16	0°♎	
desc. node	-1660 Oct 06 j 08:02	1°♎14'27	
max. Earth dist.	-1660 Oct 07 j 00:21	2°♎19'02	1.44676 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1660 Oct 19 j 18:33	22°♎15'30	
	-1660 Oct 24 j 18:48	0°♏	
greatest brilliancy	-1660 Nov 06 j 12:12	19°♏05'47	-0.6m
evening max el	-1660 Nov 14 j 02:28	28°♏40'47	19°50'04
	-1660 Nov 15 j 11:06	0°♐	
retrograde	-1660 Nov 21 j 14:18	3°♐03'12	
asc. node	-1660 Nov 22 j 11:39	2°♐58'40	
evening set	-1660 Nov 25 j 02:08	1°♐51'52	
	-1660 Nov 27 j 05:32	30°℞♏	
inferior conj	-1660 Nov 30 j 15:36	25°♏49'24	2°32'58
minimum elong	-1660 Nov 30 j 12:46	25°♏58'46	2°32'02
min. Earth dist.	-1660 Dec 01 j 15:07	24°♏31'42	0.66555 AU
morning rise	-1660 Dec 05 j 22:46	19°♏35'00	
direct	-1660 Dec 11 j 21:29	16°♏58'31	
morning max el	-1660 Dec 23 j 22:13	24°♏06'33	25°26'37
	-1660 Dec 29 j 05:32	0°♐	
desc. node	-1659 Jan 02 j 07:17	5°♐07'25	
	-1659 Jan 19 j 04:12	0°♑	
morning set	-1659 Jan 29 j 03:38	17°♑07'21	
max. Earth dist.	-1659 Feb 01 j 22:52	24°♑08'59	1.36371 AU
	-1659 Feb 05 j 00:10	0°♒	
superior conj	-1659 Feb 07 j 19:23	5°♒30'46	-1°-33'-27
minimum elong	-1659 Feb 07 j 22:57	5°♒48'30	1°33'04
evening rise	-1659 Feb 15 j 23:09	22°♒01'55	
asc. node	-1659 Feb 18 j 10:59	27°♒01'12	
	-1659 Feb 19 j 23:40	0°♓	
evening max el	-1659 Mar 05 j 12:14	20°♓21'38	19°48'39
retrograde	-1659 Mar 15 j 08:59	25°♓04'22	
evening set	-1659 Mar 17 j 13:39	24°♓51'24	
inferior conj	-1659 Mar 26 j 06:04	20°♓49'17	1°22'44
minimum elong	-1659 Mar 26 j 09:25	20°♓44'04	1°21'38
min. Earth dist.	-1659 Mar 28 j 13:16	19°♓23'55	0.55795 AU
desc. node	-1659 Mar 31 j 06:23	17°♓51'21	
morning rise	-1659 Apr 04 j 02:02	16°♓15'24	
direct	-1659 Apr 08 j 06:33	15°♓36'31	
morning max el	-1659 Apr 22 j 04:25	22°♓33'27	24°16'05
	-1659 Apr 28 j 18:02	0°♈	
	-1659 May 16 j 04:36	0°♉	
morning set	-1659 May 17 j 01:21	1°♉48'24	
asc. node	-1659 May 17 j 10:21	2°♉35'48	
superior conj	-1659 May 24 j 03:13	17°♉01'40	1°05'17
minimum elong	-1659 May 24 j 00:49	16°♉48'42	1°04'54
max. Earth dist.	-1659 May 25 j 20:58	20°♉46'24	1.33252 AU
	-1659 May 30 j 06:15	0°♊	
evening rise	-1659 May 31 j 12:46	2°♊35'36	
	-1659 Jun 15 j 17:40	0°♋	
desc. node	-1659 Jun 27 j 05:40	16°♋07'35	
evening max el	-1659 Jul 03 j 14:58	23°♋05'37	27°25'13
	-1659 Jul 14 j 05:36	0°♌	
retrograde	-1659 Jul 17 j 07:50	0°♌26'38	
	-1659 Jul 20 j 07:24	30°℞♋	
evening set	-1659 Jul 24 j 12:25	27°♋49'30	
min. Earth dist.	-1659 Jul 28 j 02:44	24°♋43'36	0.63293 AU
inferior conj	-1659 Jul 30 j 19:47	22°♋00'42	-3°-48'-57
minimum elong	-1659 Jul 31 j 00:04	21°♋49'55	3°47'59
morning rise	-1659 Aug 06 j 13:52	16°♋45'26	
direct	-1659 Aug 09 j 02:42	16°♋14'41	
asc. node	-1659 Aug 13 j 09:35	17°♋43'30	
morning max el	-1659 Aug 15 j 16:52	19°♋39'27	17°54'57
	-1659 Aug 23 j 08:14	0°♌	
morning set	-1659 Sep 01 j 07:10	15°♌21'14	
	-1659 Sep 09 j 18:20	0°♍	
superior conj	-1659 Sep 13 j 07:55	5°♍59'26	1°01'40
minimum elong	-1659 Sep 13 j 13:13	6°♍21'26	1°01'02
max. Earth dist.	-1659 Sep 19 j 16:17	16°♍22'16	1.43713 AU
desc. node	-1659 Sep 23 j 05:04	22°♍00'22	
	-1659 Sep 28 j 07:34	0°♎	
evening rise	-1659 Sep 29 j 00:33	1°♎05'46	
	-1659 Oct 18 j 10:59	0°♏	
greatest brilliancy	-1659 Oct 22 j 12:35	5°♏29'47	-0.5m
evening max el	-1659 Oct 28 j 03:21	12°♏07'38	20°54'17
retrograde	-1659 Nov 05 j 11:45	17°♏04'36	
evening set	-1659 Nov 09 j 09:28	15°♏37'40	
asc. node	-1659 Nov 09 j 08:43	15°♏39'02	
inferior conj	-1659 Nov 14 j 19:59	9°♏24'46	1°48'11
minimum elong	-1659 Nov 14 j 17:44	9°♏32'30	1°47'18
min. Earth dist.	-1659 Nov 15 j 07:36	8°♏45'04	0.67199 AU
morning rise	-1659 Nov 20 j 01:35	3°♏08'36	
direct	-1659 Nov 25 j 09:00	0°♏51'13	
morning max el	-1659 Dec 06 j 06:52	7°♏21'43	24°02'22
desc. node	-1659 Dec 20 j 04:21	24°♏35'56	
	-1659 Dec 23 j 23:00	0°♐	
morning set	-1658 Jan 10 j 21:32	28°♐27'55	
	-1658 Jan 11 j 18:52	0°♑	
max. Earth dist.	-1658 Jan 14 j 19:03	5°♑17'34	1.38340 AU
superior conj	-1658 Jan 21 j 23:13	18°♑31'32	-1°-50'-19
minimum elong	-1658 Jan 22 j 02:10	18°♑45'34	1°50'10
	-1658 Jan 27 j 21:11	0°♒	
evening rise	-1658 Jan 30 j 21:17	5°♒54'38	
asc. node	-1658 Feb 05 j 08:02	16°♒20'41	
	-1658 Feb 14 j 01:32	0°♓	
evening max el	-1658 Feb 16 j 09:26	2°♓31'32	18°55'13
retrograde	-1658 Feb 24 j 18:06	6°♓33'19	
evening set	-1658 Feb 27 j 01:47	6°♓15'57	
inferior conj	-1658 Mar 07 j 00:20	1°♓58'25	2°48'14
minimum elong	-1658 Mar 07 j 04:55	1°♓50'11	2°47'06
	-1658 Mar 09 j 18:34	30°℞♒	
min. Earth dist.	-1658 Mar 10 j 05:27	29°♒41'12	0.57275 AU
morning rise	-1658 Mar 15 j 03:59	26°♒52'32	
desc. node	-1658 Mar 18 j 03:27	25°♒57'21	
direct	-1658 Mar 20 j 12:40	25°♒43'32	
	-1658 Mar 31 j 04:25	0°♓	
morning max el	-1658 Apr 03 j 19:45	3°♓09'04	25°49'27
	-1658 Apr 22 j 23:22	0°♈	
morning set	-1658 May 01 j 13:12	16°♈48'42	
asc. node	-1658 May 04 j 07:25	22°♈41'40	
	-1658 May 07 j 15:56	0°♉	
superior conj	-1658 May 08 j 14:09	2°♉01'32	0°43'46
minimum elong	-1658 May 08 j 12:21	1°♉51'41	0°43'26
max. Earth dist.	-1658 May 09 j 07:19	3°♉35'21	1.32666 AU
evening rise	-1658 May 15 j 16:49	17°♉15'23	
	-1658 May 22 j 03:53	0°♊	
	-1658 Jun 10 j 16:23	0°♋	
desc. node	-1658 Jun 14 j 02:41	3°♋48'44	
evening max el	-1658 Jun 15 j 21:06	5°♋34'17	27°06'12
retrograde	-1658 Jun 29 j 19:26	12°♋53'39	
evening set	-1658 Jul 06 j 19:36	10°♋39'22	
min. Earth dist.	-1658 Jul 10 j 10:59	7°♋55'14	0.61411 AU
inferior conj	-1658 Jul 13 j 15:17	5°♋06'25	-4°-21'-24
minimum elong	-1658 Jul 13 j 18:23	4°♋59'31	4°21'00
morning rise	-1658 Jul 20 j 20:04	0°♋12'08	
	-1658 Jul 21 j 12:51	30°℞♊	
direct	-1658 Jul 23 j 07:12	29°♊46'57	
	-1658 Jul 25 j 00:57	0°♋	
morning max el	-1658 Jul 30 j 06:47	3°♋15'18	17°59'58
asc. node	-1658 Jul 31 j 06:40	4°♋16'50	
morning set	-1658 Aug 15 j 05:25	28°♋21'07	
	-1658 Aug 16 j 02:57	0°♌	

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superior conj	-1658 Aug 25 j 15:05	17°♌07'33	1°29'32
minimum elong	-1658 Aug 25 j 19:30	17°♌26'50	1°29'11
max. Earth dist.	-1658 Sep 02 j 02:53	29°♌52'53	1.42190 AU
	-1658 Sep 02 j 04:36	0°♍	
evening rise	-1658 Sep 08 j 12:26	10°♍14'59	
desc. node	-1658 Sep 10 j 02:04	12°♍43'30	
	-1658 Sep 21 j 10:55	0°♎	
greatest brilliancy	-1658 Oct 06 j 04:35	20°♎13'31	-0.3m
evening max el	-1658 Oct 10 j 22:19	25°♎34'42	22°08'54
	-1658 Oct 16 j 09:11	0°♏	
retrograde	-1658 Oct 20 j 07:41	1°♏09'48	
	-1658 Oct 23 j 22:22	30°℞♎	
evening set	-1658 Oct 24 j 17:22	29°♎25'20	
asc. node	-1658 Oct 27 j 05:49	26°♎52'27	
inferior conj	-1658 Oct 30 j 02:30	23°♎05'47	0°58'29
minimum elong	-1658 Oct 30 j 01:10	23°♎10'21	0°57'55
min. Earth dist.	-1658 Oct 30 j 03:22	23°♎02'45	0.67516 AU
morning rise	-1658 Nov 04 j 08:48	16°♎50'23	
direct	-1658 Nov 09 j 01:00	14°♎54'59	
morning max el	-1658 Nov 18 j 17:33	20°♎40'26	22°35'05
greatest brilliancy	-1658 Nov 23 j 09:28	25°♎54'31	-0.3m
	-1658 Nov 26 j 15:20	0°♏	
desc. node	-1658 Dec 07 j 01:24	14°♏31'39	
	-1658 Dec 17 j 05:36	0°♐	
morning set	-1658 Dec 22 j 11:30	8°♐24'52	
max. Earth dist.	-1658 Dec 27 j 15:06	16°♐59'44	1.40441 AU
superior conj	-1657 Jan 04 j 10:12	0°♑39'30	-1°-58'-49
minimum elong	-1657 Jan 04 j 10:55	0°♑42'44	1°58'51
	-1657 Jan 04 j 01:26	0°♑	
evening rise	-1657 Jan 14 j 09:40	19°♑13'29	
	-1657 Jan 20 j 04:58	0°♒	
asc. node	-1657 Jan 23 j 05:05	5°♒11'40	
evening max el	-1657 Jan 30 j 14:41	15°♒11'24	18°21'48
retrograde	-1657 Feb 06 j 21:41	18°♒47'44	
evening set	-1657 Feb 09 j 09:31	18°♒23'35	
inferior conj	-1657 Feb 16 j 15:22	13°♒45'23	3°37'23
minimum elong	-1657 Feb 16 j 18:13	13°♒39'25	3°36'58
min. Earth dist.	-1657 Feb 20 j 01:20	10°♒55'30	0.59225 AU
morning rise	-1657 Feb 23 j 23:24	8°♒14'28	
direct	-1657 Mar 02 j 08:02	6°♒27'03	
desc. node	-1657 Mar 05 j 00:31	6°♒45'42	
morning max el	-1657 Mar 16 j 15:01	14°♒07'19	27°00'59
	-1657 Mar 29 j 08:04	0°♓	
	-1657 Apr 15 j 03:29	0°♈	
morning set	-1657 Apr 15 j 23:05	1°♈41'35	
asc. node	-1657 Apr 21 j 04:27	12°♈52'41	
superior conj	-1657 Apr 23 j 01:56	17°♈01'41	0°19'54
minimum elong	-1657 Apr 23 j 01:03	16°♈56'52	0°19'43
max. Earth dist.	-1657 Apr 22 j 20:17	16°♈30'44	1.32438 AU
	-1657 Apr 29 j 01:21	0°♉	
evening rise	-1657 Apr 30 j 01:25	2°♉07'01	
	-1657 May 15 j 05:15	0°♊	
evening max el	-1657 May 28 j 21:13	17°♊20'03	26°14'47
desc. node	-1657 May 31 j 23:42	20°♊02'10	
retrograde	-1657 Jun 11 j 22:44	24°♊35'29	
evening set	-1657 Jun 18 j 06:24	22°♊56'29	
min. Earth dist.	-1657 Jun 22 j 10:14	20°♊17'29	0.59361 AU
inferior conj	-1657 Jun 25 j 18:46	17°♊42'31	-4°-34'-29
minimum elong	-1657 Jun 25 j 18:53	17°♊42'16	4°34'28
morning rise	-1657 Jul 03 j 10:57	13°♊10'34	
direct	-1657 Jul 05 j 22:16	12°♊49'13	
morning max el	-1657 Jul 13 j 16:07	16°♊31'49	18°24'42
asc. node	-1657 Jul 18 j 03:44	21°♊51'56	
	-1657 Jul 23 j 05:49	0°♋	
morning set	-1657 Jul 29 j 17:23	12°♋01'52	
superior conj	-1657 Aug 07 j 22:13	29°♋27'24	1°44'17
minimum elong	-1657 Aug 08 j 00:18	29°♋37'01	1°44'13
	-1657 Aug 08 j 05:18	0°♌	
max. Earth dist.	-1657 Aug 15 j 08:10	12°♌42'10	1.40310 AU
evening rise	-1657 Aug 19 j 21:30	20°♌24'49	
	-1657 Aug 25 j 19:48	0°♍	
desc. node	-1657 Aug 27 j 23:04	3°♍20'23	
	-1657 Sep 15 j 16:00	0°♎	
evening max el	-1657 Sep 23 j 12:34	9°♎04'14	23°28'53
retrograde	-1657 Oct 04 j 00:36	15°♎16'30	
evening set	-1657 Oct 09 j 00:07	13°♎13'16	
inferior conj	-1657 Oct 14 j 09:20	6°♎50'52	0°05'34
minimum elong	-1657 Oct 14 j 09:12	6°♎51'20	0°05'31
transit middle	-1657 Oct 14 j 09:12	6°♎51'20	0°05'31
transit begin	-1657 Oct 14 j 06:39	7°♎00'04	
transit end	-1657 Oct 14 j 11:45	6°♎42'36	
min. Earth dist.	-1657 Oct 13 j 23:56	7°♎23'02	0.67527 AU
asc. node	-1657 Oct 14 j 02:53	7°♎12'59	
morning rise	-1657 Oct 19 j 18:20	0°♎39'11	
	-1657 Oct 20 j 17:24	30°℞♍	
direct	-1657 Oct 23 j 20:29	29°♍05'36	
	-1657 Oct 27 j 04:59	0°♎	
morning max el	-1657 Nov 01 j 09:39	4°♎06'38	21°13'05
greatest brilliancy	-1657 Nov 06 j 18:52	10°♎20'53	-0.5m
	-1657 Nov 20 j 18:00	0°♏	
desc. node	-1657 Nov 23 j 22:25	4°♏46'57	
morning set	-1657 Dec 01 j 21:39	17°♏03'58	
max. Earth dist.	-1657 Dec 09 j 17:39	29°♏37'14	1.42385 AU
	-1657 Dec 09 j 23:13	0°♐	
superior conj	-1657 Dec 16 j 22:49	11°♐41'37	-1°-54'-50
minimum elong	-1657 Dec 16 j 19:32	11°♐27'36	1°54'45
	-1657 Dec 27 j 08:04	0°♑	
evening rise	-1657 Dec 28 j 08:39	1°♑50'54	
asc. node	-1656 Jan 10 j 02:07	23°♑25'14	
evening max el	-1656 Jan 14 j 00:59	28°♑12'40	18°08'13
	-1656 Jan 16 j 03:21	0°♒	
retrograde	-1656 Jan 20 j 17:39	1°♒39'00	
evening set	-1656 Jan 23 j 09:13	1°♒06'52	
	-1656 Jan 25 j 11:20	30°℞♑	
inferior conj	-1656 Jan 30 j 01:23	26°♑06'37	3°55'15
minimum elong	-1656 Jan 30 j 01:45	26°♑05'44	3°55'13
min. Earth dist.	-1656 Feb 02 j 03:43	23°♑08'52	0.61293 AU
morning rise	-1656 Feb 05 j 15:44	20°♑18'49	
direct	-1656 Feb 12 j 13:43	17°♑56'56	
desc. node	-1656 Feb 19 j 21:34	20°♑16'32	
morning max el	-1656 Feb 26 j 16:25	25°♑43'43	27°39'50
	-1656 Mar 01 j 15:58	0°♒	
	-1656 Mar 21 j 18:00	0°♓	
morning set	-1656 Mar 30 j 05:09	16°♓20'26	
max. Earth dist.	-1656 Apr 05 j 08:09	29°♓19'39	1.32567 AU
	-1656 Apr 05 j 15:34	0°♈	
superior conj	-1656 Apr 06 j 12:54	1°♈56'10	0°-5'-31
minimum elong	-1656 Apr 06 j 13:09	1°♈57'33	0°05'30
behind sun begin	-1656 Apr 06 j 08:22	1°♈31'27	
behind sun end	-1656 Apr 06 j 17:56	2°♈23'40	
asc. node	-1656 Apr 07 j 01:28	3°♈04'45	
evening rise	-1656 Apr 13 j 12:31	17°♈03'07	
	-1656 Apr 19 j 23:16	0°♉	
evening max el	-1656 May 09 j 15:05	28°♉24'11	24°56'32
	-1656 May 11 j 09:16	0°♊	
desc. node	-1656 May 17 j 20:44	4°♊14'00	
retrograde	-1656 May 23 j 15:12	5°♊30'35	
evening set	-1656 May 28 j 18:32	4°♊30'14	
min. Earth dist.	-1656 Jun 03 j 02:56	1°♊39'33	0.57407 AU
	-1656 Jun 05 j 14:47	30°℞♉	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1656 Jun 06 j 02:58	29°♉39'30	-4°-17'-8
minimum elong	-1656 Jun 05 j 22:54	29°♉46'21	4°16'37
morning rise	-1656 Jun 14 j 07:10	25°♉28'39	
direct	-1656 Jun 16 j 19:58	25°♉10'02	
morning max el	-1656 Jun 25 j 17:54	29°♉19'36	19°10'03
	-1656 Jun 26 j 10:35	0°♊	
asc. node	-1656 Jul 04 j 00:45	10°♊14'50	
morning set	-1656 Jul 12 j 15:04	26°♊12'40	
	-1656 Jul 14 j 12:51	0°♋	
superior conj	-1656 Jul 20 j 23:32	12°♋42'34	1°48'07
minimum elong	-1656 Jul 20 j 23:25	12°♋42'02	1°48'08
max. Earth dist.	-1656 Jul 27 j 10:54	24°♋52'32	1.38321 AU
	-1656 Jul 30 j 07:31	0°♌	
evening rise	-1656 Jul 31 j 07:59	1°♌47'25	
desc. node	-1656 Aug 13 j 20:05	23°♌46'10	
	-1656 Aug 18 j 01:01	0°♍	
evening max el	-1656 Sep 05 j 00:15	22°♍36'58	24°47'45
retrograde	-1656 Sep 16 j 13:33	29°♍20'39	
evening set	-1656 Sep 22 j 04:01	26°♍59'07	
min. Earth dist.	-1656 Sep 26 j 18:49	21°♍43'45	0.67225 AU
inferior conj	-1656 Sep 27 j 14:45	20°♍37'36	0°-49'-1
minimum elong	-1656 Sep 27 j 15:57	20°♍33'38	0°48'31
asc. node	-1656 Sep 29 j 23:55	17°♍35'23	
morning rise	-1656 Oct 03 j 04:17	14°♍32'37	
direct	-1656 Oct 06 j 18:08	13°♍18'51	
morning max el	-1656 Oct 14 j 09:12	17°♍42'36	20°02'00
greatest brilliancy	-1656 Oct 21 j 15:51	26°♍39'17	-0.6m
	-1656 Oct 24 j 00:59	0°♎	
morning set	-1656 Nov 09 j 18:38	25°♎12'43	
desc. node	-1656 Nov 09 j 19:26	25°♎15'50	
	-1656 Nov 12 j 20:40	0°♏	
max. Earth dist.	-1656 Nov 21 j 04:13	13°♏06'25	1.43892 AU
superior conj	-1656 Nov 26 j 08:32	21°♏27'48	-1°-34'-20
minimum elong	-1656 Nov 26 j 01:19	20°♏58'23	1°33'44
	-1656 Dec 01 j 12:47	0°♐	
evening rise	-1656 Dec 09 j 13:56	13°♐38'29	
	-1656 Dec 19 j 05:39	0°♑	
asc. node	-1656 Dec 26 j 23:09	10°♑49'56	
evening max el	-1656 Dec 27 j 13:23	11°♑27'11	18°13'54
retrograde	-1655 Jan 03 j 01:35	14°♑56'38	
evening set	-1655 Jan 05 j 21:02	14°♑15'36	
inferior conj	-1655 Jan 12 j 02:37	8°♑54'32	3°50'04
minimum elong	-1655 Jan 12 j 01:02	8°♑58'49	3°49'55
min. Earth dist.	-1655 Jan 14 j 15:14	6°♑10'34	0.63200 AU
morning rise	-1655 Jan 18 j 03:18	2°♑55'11	
direct	-1655 Jan 25 j 03:38	0°♑11'19	
desc. node	-1655 Feb 05 j 18:37	5°♑56'27	
morning max el	-1655 Feb 07 j 23:10	7°♑59'49	27°42'01
	-1655 Feb 24 j 22:58	0°♒	
	-1655 Mar 13 j 21:36	0°♓	
morning set	-1655 Mar 14 j 05:06	0°♓37'31	
max. Earth dist.	-1655 Mar 19 j 15:02	11°♓48'43	1.33068 AU
superior conj	-1655 Mar 21 j 21:21	16°♓39'03	0°-31'-37
minimum elong	-1655 Mar 21 j 22:50	16°♓46'59	0°31'20
asc. node	-1655 Mar 24 j 22:30	23°♓13'52	
	-1655 Mar 28 j 02:09	0°♈	
evening rise	-1655 Mar 29 j 00:15	1°♈56'59	
	-1655 Apr 13 j 15:08	0°♉	
evening max el	-1655 Apr 21 j 06:11	9°♉03'55	23°23'36
retrograde	-1655 May 04 j 19:24	15°♉48'57	
desc. node	-1655 May 04 j 17:45	15°♉48'57	
evening set	-1655 May 08 j 13:06	15°♉18'18	
min. Earth dist.	-1655 May 15 j 16:30	12°♉02'38	0.55879 AU
inferior conj	-1655 May 17 j 15:18	10°♉53'23	-3°-18'-37
minimum elong	-1655 May 17 j 08:36	11°♉03'21	3°16'57
morning rise	-1655 May 26 j 07:31	6°♉56'56	
direct	-1655 May 28 j 22:38	6°♉39'56	
morning max el	-1655 Jun 08 j 09:52	11°♉30'47	20°16'05
asc. node	-1655 Jun 20 j 21:48	29°♉14'33	
	-1655 Jun 21 j 07:38	0°♊	
morning set	-1655 Jun 26 j 19:31	10°♊46'01	
superior conj	-1655 Jul 04 j 14:02	26°♊39'14	1°43'28
minimum elong	-1655 Jul 04 j 12:24	26°♊31'00	1°43'24
	-1655 Jul 06 j 06:06	0°♋	
max. Earth dist.	-1655 Jul 09 j 16:21	6°♋42'26	1.36468 AU
evening rise	-1655 Jul 13 j 17:04	14°♋16'52	
	-1655 Jul 22 j 18:05	0°♌	
desc. node	-1655 Jul 31 j 17:06	13°♌55'22	
	-1655 Aug 12 j 18:28	0°♍	
evening max el	-1655 Aug 18 j 11:25	6°♍11'45	25°57'56
retrograde	-1655 Aug 30 j 21:59	13°♍17'50	
evening set	-1655 Sep 06 j 03:12	10°♍41'03	
min. Earth dist.	-1655 Sep 10 j 09:41	6°♍02'49	0.66592 AU
inferior conj	-1655 Sep 11 j 17:02	4°♍24'05	-1°-43'-38
minimum elong	-1655 Sep 11 j 19:34	4°♍16'06	1°42'38
	-1655 Sep 15 j 13:38	30°℞♌	
asc. node	-1655 Sep 16 j 20:57	28°♌54'59	
morning rise	-1655 Sep 17 j 12:44	28°♌28'52	
direct	-1655 Sep 20 j 16:25	27°♌31'37	
	-1655 Sep 26 j 02:27	0°♍	
morning max el	-1655 Sep 27 j 16:01	1°♍27'46	19°05'08
	-1655 Oct 17 j 13:14	0°♎	
morning set	-1655 Oct 20 j 02:51	4°♎01'42	
desc. node	-1655 Oct 27 j 16:29	15°♎54'14	
max. Earth dist.	-1655 Nov 03 j 20:20	27°♎09'31	1.44769 AU
superior conj	-1655 Nov 05 j 17:46	0°♏08'49	0°-56'-23
minimum elong	-1655 Nov 05 j 10:59	29°♎42'03	0°55'35
	-1655 Nov 05 j 15:32	0°♏	
evening rise	-1655 Nov 20 j 21:20	24°♏29'16	
	-1655 Nov 24 j 06:10	0°♐	
evening max el	-1655 Dec 11 j 01:16	24°♐49'40	18°37'59
asc. node	-1655 Dec 13 j 20:11	27°♐12'38	
retrograde	-1655 Dec 17 j 17:16	28°♐32'57	
evening set	-1655 Dec 20 j 17:38	27°♐41'47	
inferior conj	-1655 Dec 26 j 15:17	22°♐02'21	3°28'40
minimum elong	-1655 Dec 26 j 12:38	22°♐10'17	3°28'08
min. Earth dist.	-1655 Dec 28 j 12:46	19°♐46'41	0.64796 AU
morning rise	-1654 Jan 01 j 06:26	15°♐55'00	
direct	-1654 Jan 08 j 00:44	13°♐03'58	
morning max el	-1654 Jan 21 j 08:40	20°♐46'55	27°09'43
desc. node	-1654 Jan 23 j 15:41	23°♐10'46	
	-1654 Jan 29 j 09:03	0°♑	
	-1654 Feb 18 j 01:00	0°♒	
morning set	-1654 Feb 25 j 19:57	14°♒22'50	
max. Earth dist.	-1654 Mar 02 j 12:50	23°♒45'12	1.33993 AU
	-1654 Mar 05 j 13:14	0°♓	
superior conj	-1654 Mar 06 j 01:21	1°♓03'38	0°-57'-21
minimum elong	-1654 Mar 06 j 03:58	1°♓17'21	0°56'54
asc. node	-1654 Mar 11 j 19:32	13°♓15'22	
evening rise	-1654 Mar 13 j 10:49	16°♓41'43	
	-1654 Mar 20 j 03:52	0°♈	
evening max el	-1654 Apr 03 j 01:07	19°♈47'12	21°50'23
retrograde	-1654 Apr 15 j 12:36	25°♈51'45	
evening set	-1654 Apr 18 j 04:03	25°♈36'06	
desc. node	-1654 Apr 21 j 14:47	24°♈33'06	
min. Earth dist.	-1654 Apr 27 j 05:51	21°♈42'09	0.55103 AU
inferior conj	-1654 Apr 27 j 12:59	21°♈32'08	-1°-39'-8
minimum elong	-1654 Apr 27 j 08:28	21°♈38'29	1°37'36

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1654 May 06 j 13:59	17°♈34'45	
direct	-1654 May 09 j 11:27	17°♈16'11	
morning max el	-1654 May 21 j 14:52	22°♈59'27	21°40'50
	-1654 May 27 j 17:31	0°♉	
asc. node	-1654 Jun 07 j 18:51	18°♉41'08	
morning set	-1654 Jun 11 j 04:23	25°♉34'13	
	-1654 Jun 13 j 07:18	0°♊	
superior conj	-1654 Jun 18 j 13:39	11°♊04'23	1°32'21
minimum elong	-1654 Jun 18 j 11:15	10°♊51'48	1°32'08
max. Earth dist.	-1654 Jun 22 j 05:32	18°♊36'21	1.34921 AU
evening rise	-1654 Jun 26 j 19:35	27°♊38'52	
	-1654 Jun 28 j 01:15	0°♋	
	-1654 Jul 16 j 00:28	0°♌	
desc. node	-1654 Jul 18 j 14:07	3°♌39'41	
evening max el	-1654 Jul 31 j 22:56	19°♌42'16	26°51'39
retrograde	-1654 Aug 14 j 01:26	27°♌00'29	
evening set	-1654 Aug 20 j 19:25	24°♌15'11	
min. Earth dist.	-1654 Aug 24 j 18:15	20°♌14'57	0.65598 AU
inferior conj	-1654 Aug 26 j 14:08	18°♌06'21	-2°-36'-23
minimum elong	-1654 Aug 26 j 17:49	17°♌55'32	2°35'07
morning rise	-1654 Sep 01 j 17:30	12°♌23'58	
asc. node	-1654 Sep 03 j 18:02	11°♌43'16	
direct	-1654 Sep 04 j 13:25	11°♌39'38	
morning max el	-1654 Sep 11 j 04:10	15°♌17'15	18°24'13
	-1654 Sep 21 j 19:37	0°♍	
morning set	-1654 Sep 30 j 13:25	14°♍09'31	
	-1654 Oct 10 j 09:13	0°♎	
desc. node	-1654 Oct 14 j 13:32	6°♎38'10	
superior conj	-1654 Oct 15 j 17:53	8°♎30'07	0°-7'-39
minimum elong	-1654 Oct 15 j 16:52	8°♎26'07	0°07'33
behind sun begin	-1654 Oct 15 j 06:49	7°♎46'26	
behind sun end	-1654 Oct 16 j 02:55	9°♎05'47	
max. Earth dist.	-1654 Oct 17 j 14:30	11°♎25'59	1.44918 AU
	-1654 Oct 29 j 10:24	0°♏	
evening rise	-1654 Nov 01 j 04:31	4°♏19'35	
greatest brilliancy	-1654 Nov 14 j 18:50	25°♏28'16	-0.7m
	-1654 Nov 17 j 20:59	0°♐	
evening max el	-1654 Nov 24 j 10:19	8°♐16'19	19°19'18
asc. node	-1654 Nov 30 j 17:13	12°♐18'28	
retrograde	-1654 Dec 01 j 13:12	12°♐22'23	
evening set	-1654 Dec 04 j 20:12	11°♐19'12	
inferior conj	-1654 Dec 10 j 12:07	5°♐24'24	2°55'49
minimum elong	-1654 Dec 10 j 09:11	5°♐33'51	2°54'57
min. Earth dist.	-1654 Dec 11 j 19:19	3°♐44'26	0.66021 AU
	-1654 Dec 15 j 00:53	30°℞♏	
morning rise	-1654 Dec 15 j 21:19	29°♏11'47	
direct	-1654 Dec 22 j 04:10	26°♏26'49	
	-1654 Dec 30 j 10:27	0°♐	
morning max el	-1653 Jan 03 j 18:12	3°♐52'04	26°09'51
desc. node	-1653 Jan 10 j 12:46	11°♐32'09	
	-1653 Jan 23 j 17:42	0°♑	
morning set	-1653 Feb 08 j 21:44	27°♑24'33	
	-1653 Feb 10 j 06:53	0°♒	
max. Earth dist.	-1653 Feb 12 j 22:52	5°♒06'51	1.35374 AU
superior conj	-1653 Feb 17 j 22:34	15°♒03'15	-1°-21'-15
minimum elong	-1653 Feb 18 j 01:59	15°♒20'35	1°20'47
	-1653 Feb 25 j 04:26	0°♓	
evening rise	-1653 Feb 25 j 18:23	1°♓11'36	
asc. node	-1653 Feb 26 j 16:35	3°♓04'57	
	-1653 Mar 15 j 05:54	0°♈	
evening max el	-1653 Mar 16 j 05:35	0°♈59'08	20°28'16
retrograde	-1653 Mar 27 j 02:09	6°♈10'44	
evening set	-1653 Mar 29 j 07:10	5°♈58'44	
inferior conj	-1653 Apr 07 j 08:32	2°♈01'12	0°19'15
minimum elong	-1653 Apr 07 j 09:25	1°♈59'55	0°18'57
desc. node	-1653 Apr 08 j 11:49	1°♈21'21	
min. Earth dist.	-1653 Apr 08 j 19:54	1°♈09'37	0.55275 AU
	-1653 Apr 10 j 21:36	30°℞♓	
morning rise	-1653 Apr 16 j 09:36	27°♓44'08	
direct	-1653 Apr 19 j 23:51	27°♓16'01	
	-1653 Apr 28 j 13:41	0°♈	
morning max el	-1653 May 03 j 10:28	3°♈50'21	23°18'20
	-1653 May 21 j 10:21	0°♉	
asc. node	-1653 May 25 j 15:56	8°♉27'25	
morning set	-1653 May 26 j 15:44	10°♉31'18	
superior conj	-1653 Jun 02 j 19:26	25°♉48'36	1°16'18
minimum elong	-1653 Jun 02 j 16:52	25°♉34'56	1°15'57
	-1653 Jun 04 j 18:42	0°♊	
max. Earth dist.	-1653 Jun 05 j 04:33	0°♊51'59	1.33751 AU
evening rise	-1653 Jun 10 j 10:52	11°♊39'52	
	-1653 Jun 20 j 08:18	0°♋	
desc. node	-1653 Jul 05 j 11:07	22°♋48'39	
	-1653 Jul 11 j 12:01	0°♌	
evening max el	-1653 Jul 14 j 10:17	2°♌59'16	27°21'28
retrograde	-1653 Jul 27 j 23:18	10°♌20'40	
evening set	-1653 Aug 04 j 01:46	7°♌37'06	
min. Earth dist.	-1653 Aug 07 j 18:24	4°♌12'54	0.64236 AU
inferior conj	-1653 Aug 10 j 03:40	1°♌39'57	-3°-24'-40
minimum elong	-1653 Aug 10 j 08:00	1°♌28'23	3°23'29
	-1653 Aug 11 j 17:51	30°℞♋	
morning rise	-1653 Aug 16 j 16:02	26°♋13'36	
direct	-1653 Aug 19 j 06:42	25°♋38'43	
asc. node	-1653 Aug 21 j 15:08	26°♋07'08	
morning max el	-1653 Aug 25 j 19:10	29°♋06'03	18°00'25
	-1653 Aug 26 j 15:42	0°♌	
morning set	-1653 Sep 12 j 03:23	25°♌36'31	
	-1653 Sep 14 j 17:21	0°♍	
superior conj	-1653 Sep 25 j 07:00	17°♍32'50	0°39'22
minimum elong	-1653 Sep 25 j 11:14	17°♍49'58	0°38'49
max. Earth dist.	-1653 Sep 30 j 08:01	25°♍38'48	1.44346 AU
desc. node	-1653 Oct 01 j 10:33	27°♍24'06	
	-1653 Oct 03 j 02:00	0°♎	
evening rise	-1653 Oct 11 j 15:49	13°♎21'40	
	-1653 Oct 22 j 13:50	0°♏	
greatest brilliancy	-1653 Nov 01 j 00:26	13°♏40'09	-0.6m
evening max el	-1653 Nov 07 j 14:38	21°♏43'50	20°15'57
retrograde	-1653 Nov 15 j 10:37	26°♏20'07	
asc. node	-1653 Nov 17 j 14:18	25°♏53'28	
evening set	-1653 Nov 19 j 02:22	25°♏02'34	
inferior conj	-1653 Nov 24 j 14:24	18°♏55'31	2°14'40
minimum elong	-1653 Nov 24 j 11:46	19°♏04'24	2°13'43
min. Earth dist.	-1653 Nov 25 j 08:46	17°♏53'48	0.66875 AU
morning rise	-1653 Nov 29 j 20:36	12°♏40'04	
direct	-1653 Dec 05 j 13:02	10°♏10'48	
morning max el	-1653 Dec 17 j 02:40	17°♏04'09	24°51'37
	-1653 Dec 27 j 21:55	0°♐	
desc. node	-1653 Dec 28 j 09:50	0°♐40'06	
	-1652 Jan 16 j 17:38	0°♑	
morning set	-1652 Jan 22 j 04:59	9°♑26'13	
max. Earth dist.	-1652 Jan 25 j 22:17	16°♑09'36	1.37178 AU
superior conj	-1652 Feb 01 j 09:50	28°♑28'20	-1°-41'-26
minimum elong	-1652 Feb 01 j 13:18	28°♑45'15	1°41'07
	-1652 Feb 02 j 04:33	0°♒	
evening rise	-1652 Feb 09 j 20:38	15°♒19'20	
asc. node	-1652 Feb 13 j 13:37	22°♒36'48	
	-1652 Feb 17 j 14:07	0°♓	
evening max el	-1652 Feb 26 j 21:02	12°♓47'59	19°23'29
retrograde	-1652 Mar 07 j 01:02	17°♓10'55	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1652 Mar 09 j 06:50	16°♓56'23	
inferior conj	-1652 Mar 17 j 15:46	12°♓49'00	2°03'24
minimum elong	-1652 Mar 17 j 20:09	12°♓41'48	2°02'06
min. Earth dist.	-1652 Mar 20 j 10:40	10°♓59'46	0.56351 AU
desc. node	-1652 Mar 25 j 08:54	8°♓21'02	
morning rise	-1652 Mar 26 j 05:41	8°♓01'22	
direct	-1652 Mar 30 j 22:27	7°♓11'00	
morning max el	-1652 Apr 14 j 01:17	14°♓21'56	24°57'34
	-1652 Apr 26 j 08:56	0°♈	
morning set	-1652 May 10 j 03:50	25°♈31'30	
asc. node	-1652 May 11 j 13:00	28°♈27'09	
	-1652 May 12 j 06:20	0°♉	
superior conj	-1652 May 17 j 05:00	10°♉43'58	0°56'29
minimum elong	-1652 May 17 j 02:48	10°♉32'03	0°56'07
max. Earth dist.	-1652 May 18 j 11:48	13°♉31'06	1.32958 AU
evening rise	-1652 May 24 j 11:06	26°♉07'56	
	-1652 May 26 j 09:07	0°♊	
	-1652 Jun 12 j 19:16	0°♋	
desc. node	-1652 Jun 21 j 08:07	11°♋07'30	
evening max el	-1652 Jun 25 j 19:15	15°♋49'38	27°21'21
retrograde	-1652 Jul 09 j 14:41	23°♋09'28	
evening set	-1652 Jul 16 j 18:38	20°♋40'42	
min. Earth dist.	-1652 Jul 20 j 08:35	17°♋45'32	0.62521 AU
inferior conj	-1652 Jul 23 j 06:45	14°♋58'25	-4°-4'-34
minimum elong	-1652 Jul 23 j 10:44	14°♋48'53	4°03'49
morning rise	-1652 Jul 30 j 05:14	9°♋51'26	
direct	-1652 Aug 01 j 17:08	9°♋23'13	
asc. node	-1652 Aug 07 j 12:14	11°♋57'29	
morning max el	-1652 Aug 08 j 10:15	12°♋48'25	17°54'44
	-1652 Aug 20 j 01:53	0°♌	
morning set	-1652 Aug 24 j 15:36	8°♌07'46	
superior conj	-1652 Sep 04 j 22:24	27°♌54'06	1°15'11
minimum elong	-1652 Sep 05 j 03:38	28°♌16'21	1°14'39
	-1652 Sep 06 j 04:09	0°♍	
max. Earth dist.	-1652 Sep 11 j 22:21	9°♍31'55	1.43129 AU
desc. node	-1652 Sep 17 j 07:33	18°♍09'22	
evening rise	-1652 Sep 19 j 22:07	22°♍14'47	
	-1652 Sep 24 j 22:55	0°♎	
greatest brilliancy	-1652 Oct 15 j 11:04	29°♎19'07	-0.4m
	-1652 Oct 16 j 00:08	0°♏	
evening max el	-1652 Oct 20 j 13:07	5°♏11'29	21°24'59
retrograde	-1652 Oct 29 j 07:31	10°♏23'48	
evening set	-1652 Nov 02 j 10:09	8°♏49'31	
asc. node	-1652 Nov 03 j 11:22	7°♏54'50	
inferior conj	-1652 Nov 07 j 19:55	2°♏33'32	1°27'35
minimum elong	-1652 Nov 07 j 18:02	2°♏40'04	1°26'49
min. Earth dist.	-1652 Nov 08 j 02:51	2°♏09'41	0.67383 AU
	-1652 Nov 09 j 17:17	30°℞♎	
morning rise	-1652 Nov 13 j 01:35	26°♎17'37	
direct	-1652 Nov 18 j 02:34	24°♎09'22	
	-1652 Nov 28 j 03:35	0°♏	
morning max el	-1652 Nov 28 j 11:41	0°♏20'18	23°24'59
greatest brilliancy	-1652 Dec 04 j 01:55	6°♏39'33	-0.2m
desc. node	-1652 Dec 14 j 06:53	20°♏21'17	
	-1652 Dec 20 j 19:56	0°♐	
morning set	-1651 Jan 02 j 11:28	20°♐11'37	
max. Earth dist.	-1651 Jan 06 j 17:41	27°♐29'37	1.39247 AU
	-1651 Jan 08 j 03:56	0°♑	
superior conj	-1651 Jan 14 j 07:07	11°♑08'05	-1°-55'-10
minimum elong	-1651 Jan 14 j 09:20	11°♑18'28	1°55'07
evening rise	-1651 Jan 23 j 14:59	28°♑58'18	
	-1651 Jan 24 j 03:46	0°♒	
asc. node	-1651 Jan 30 j 10:39	11°♒44'46	
evening max el	-1651 Feb 08 j 21:57	25°♒11'00	18°38'26
retrograde	-1651 Feb 16 j 18:06	28°♒59'53	
evening set	-1651 Feb 19 j 03:42	28°♒39'43	
inferior conj	-1651 Feb 26 j 18:46	24°♒13'20	3°13'25
minimum elong	-1651 Feb 26 j 22:51	24°♒05'31	3°12'35
min. Earth dist.	-1651 Mar 02 j 03:43	21°♒39'40	0.58077 AU
morning rise	-1651 Mar 06 j 14:09	18°♒56'00	
direct	-1651 Mar 12 j 10:05	17°♒31'11	
desc. node	-1651 Mar 12 j 05:58	17°♒31'16	
morning max el	-1651 Mar 26 j 17:40	25°♒03'18	26°23'27
	-1651 Mar 31 j 07:24	0°♓	
	-1651 Apr 19 j 10:17	0°♈	
morning set	-1651 Apr 24 j 15:01	10°♈28'46	
asc. node	-1651 Apr 28 j 10:01	18°♈35'11	
superior conj	-1651 May 01 j 16:26	25°♈43'50	0°33'52
minimum elong	-1651 May 01 j 14:59	25°♈35'56	0°33'35
max. Earth dist.	-1651 May 01 j 23:51	26°♈24'31	1.32527 AU
	-1651 May 03 j 15:15	0°♉	
evening rise	-1651 May 08 j 17:20	10°♉53'05	
	-1651 May 18 j 15:25	0°♊	
evening max el	-1651 Jun 07 j 23:01	28°♊00'08	26°48'11
desc. node	-1651 Jun 08 j 05:09	28°♊14'38	
	-1651 Jun 10 j 04:33	0°♋	
retrograde	-1651 Jun 21 j 22:36	5°♋17'33	
evening set	-1651 Jun 28 j 17:34	3°♋17'03	
min. Earth dist.	-1651 Jul 02 j 12:31	0°♋37'35	0.60544 AU
	-1651 Jul 03 j 07:01	30°℞♊	
inferior conj	-1651 Jul 05 j 19:50	27°♊52'11	-4°-29'-57
minimum elong	-1651 Jul 05 j 21:54	27°♊47'51	4°29'47
morning rise	-1651 Jul 13 j 05:23	23°♊07'23	
direct	-1651 Jul 15 j 16:34	22°♊43'51	
morning max el	-1651 Jul 22 j 22:32	26°♊16'30	18°08'08
asc. node	-1651 Jul 25 j 09:17	28°♊58'24	
	-1651 Jul 26 j 04:35	0°♋	
morning set	-1651 Aug 07 j 20:14	21°♋26'20	
	-1651 Aug 12 j 10:22	0°♌	
superior conj	-1651 Aug 17 j 16:26	9°♌34'31	1°37'18
minimum elong	-1651 Aug 17 j 19:55	9°♌50'04	1°37'04
max. Earth dist.	-1651 Aug 25 j 07:06	22°♌47'32	1.41419 AU
	-1651 Aug 29 j 15:36	0°♍	
evening rise	-1651 Aug 30 j 17:45	1°♍45'57	
desc. node	-1651 Sep 04 j 04:32	8°♍50'09	
	-1651 Sep 18 j 09:54	0°♎	
greatest brilliancy	-1651 Sep 28 j 08:31	13°♎10'25	-0.3m
evening max el	-1651 Oct 03 j 05:50	18°♎39'06	22°42'30
retrograde	-1651 Oct 13 j 02:17	24°♎30'13	
evening set	-1651 Oct 17 j 17:47	22°♎37'34	
asc. node	-1651 Oct 21 j 08:26	18°♎40'02	
inferior conj	-1651 Oct 23 j 02:46	16°♎16'14	0°36'20
minimum elong	-1651 Oct 23 j 01:55	16°♎19'09	0°35'58
min. Earth dist.	-1651 Oct 22 j 23:10	16°♎28'40	0.67565 AU
morning rise	-1651 Oct 28 j 10:01	10°♎02'17	
direct	-1651 Nov 01 j 20:01	8°♎16'32	
morning max el	-1651 Nov 11 j 00:27	13°♎42'13	21°59'10
greatest brilliancy	-1651 Nov 15 j 19:10	19°♎06'57	-0.4m
	-1651 Nov 23 j 23:18	0°♏	
desc. node	-1651 Dec 01 j 03:55	10°♏26'02	
morning set	-1651 Dec 13 j 12:58	29°♏33'00	
	-1651 Dec 13 j 19:42	0°♐	
max. Earth dist.	-1651 Dec 19 j 16:30	9°♐36'17	1.41310 AU
superior conj	-1651 Dec 27 j 09:15	22°♐49'28	-1°-58'-54
minimum elong	-1651 Dec 27 j 08:26	22°♐45'55	1°58'57
	-1651 Dec 31 j 09:28	0°♑	
evening rise	-1650 Jan 06 j 22:11	12°♑00'51	
asc. node	-1650 Jan 17 j 07:41	0°♒21'08	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1650 Jan	17 j 02:16	0°♒	
evening max el	-1650 Jan	23 j 05:38	8°♒00'46	18°13'32
retrograde	-1650 Jan	30 j 05:24	11°♒31'31	
evening set	-1650 Feb	01 j 18:44	11°♒04'09	
inferior conj	-1650 Feb	08 j 18:21	6°♒16'18	3°48'17
minimum elong	-1650 Feb	08 j 20:08	6°♒12'20	3°48'07
min. Earth dist.	-1650 Feb	12 j 02:05	3°♒20'06	0.60106 AU
morning rise	-1650 Feb	15 j 18:24	0°♒37'02	
	-1650 Feb	16 j 20:47	30°℞♉	
direct	-1650 Feb	22 j 09:50	28°♉34'07	
desc. node	-1650 Feb	27 j 03:02	29°♉31'54	
	-1650 Feb	28 j 04:46	0°♒	
morning max el	-1650 Mar	08 j 15:47	6°♒18'05	27°22'01
	-1650 Mar	26 j 09:57	0°♓	
morning set	-1650 Apr	08 j 23:33	25°♓17'08	
	-1650 Apr	11 j 05:25	0°♈	
asc. node	-1650 Apr	15 j 07:01	8°♈47'23	
max. Earth dist.	-1650 Apr	15 j 12:57	9°♈19'45	1.32446 AU
superior conj	-1650 Apr	16 j 04:04	10°♈42'31	0°09'16
minimum elong	-1650 Apr	16 j 03:39	10°♈40'14	0°09'10
behind sun begin	-1650 Apr	15 j 23:32	10°♈17'41	
behind sun end	-1650 Apr	16 j 07:46	11°♈02'47	
evening rise	-1650 Apr	23 j 03:15	25°♈47'37	
	-1650 Apr	25 j 03:50	0°♉	
	-1650 May	12 j 16:33	0°♊	
evening max el	-1650 May	20 j 20:04	9°♊26'21	25°44'08
desc. node	-1650 May	26 j 02:10	13°♊40'59	
retrograde	-1650 Jun	03 j 21:42	16°♊39'36	
evening set	-1650 Jun	09 j 18:44	15°♊16'58	
min. Earth dist.	-1650 Jun	14 j 08:21	12°♊35'08	0.58497 AU
inferior conj	-1650 Jun	17 j 15:23	10°♊12'16	-4°-31'-35
minimum elong	-1650 Jun	17 j 13:46	10°♊15'12	4°31'29
morning rise	-1650 Jun	25 j 12:40	5°♊50'07	
direct	-1650 Jun	28 j 00:30	5°♊30'05	
morning max el	-1650 Jul	06 j 05:04	9°♊22'11	18°41'33
asc. node	-1650 Jul	12 j 06:19	16°♊55'13	
	-1650 Jul	19 j 18:08	0°♋	
morning set	-1650 Jul	22 j 12:43	5°♋20'29	
superior conj	-1650 Jul	31 j 08:00	22°♋19'51	1°47'05
minimum elong	-1650 Jul	31 j 09:06	22°♋24'59	1°47'05
	-1650 Aug	04 j 11:30	0°♌	
max. Earth dist.	-1650 Aug	07 j 10:28	5°♌17'31	1.39456 AU
evening rise	-1650 Aug	11 j 13:35	12°♌25'57	
desc. node	-1650 Aug	22 j 01:32	29°♌22'31	
	-1650 Aug	22 j 11:18	0°♍	
	-1650 Sep	13 j 16:59	0°♎	
evening max el	-1650 Sep	15 j 18:29	2°♎08'56	24°02'56
retrograde	-1650 Sep	26 j 17:47	8°♎36'14	
evening set	-1650 Oct	01 j 23:33	6°♎24'54	
inferior conj	-1650 Oct	07 j 09:13	0°♎02'06	0°-17'-28
minimum elong	-1650 Oct	07 j 09:38	0°♎00'41	0°17'18
min. Earth dist.	-1650 Oct	06 j 19:20	0°♎49'08	0.67434 AU
	-1650 Oct	07 j 09:50	30°℞♍	
asc. node	-1650 Oct	08 j 05:29	28°♍53'49	
morning rise	-1650 Oct	12 j 19:56	23°♍52'52	
direct	-1650 Oct	16 j 16:30	22°♍28'16	
morning max el	-1650 Oct	24 j 19:43	27°♍12'48	20°41'16
	-1650 Oct	27 j 08:40	0°♎	
greatest brilliancy	-1650 Oct	30 j 21:05	4°♎23'10	-0.5m
	-1650 Nov	17 j 12:29	0°♏	
desc. node	-1650 Nov	18 j 00:56	0°♏47'32	
morning set	-1650 Nov	22 j 14:51	7°♏51'20	
max. Earth dist.	-1650 Dec	01 j 22:14	22°♏36'04	1.43089 AU
	-1650 Dec	06 j 10:47	0°♐	
superior conj	-1650 Dec	08 j 10:46	3°♐19'41	-1°-48'-20
minimum elong	-1650 Dec	08 j 05:35	2°♐58'02	1°48'03
evening rise	-1650 Dec	20 j 14:13	24°♐18'19	
	-1650 Dec	23 j 19:34	0°♑	
asc. node	-1649 Jan	04 j 04:43	18°♑15'37	
evening max el	-1649 Jan	06 j 17:11	21°♑08'36	18°08'19
retrograde	-1649 Jan	13 j 07:00	24°♑34'58	
evening set	-1649 Jan	16 j 00:01	23°♑59'21	
inferior conj	-1649 Jan	22 j 11:22	18°♑50'15	3°55'25
minimum elong	-1649 Jan	22 j 10:48	18°♑51'41	3°55'23
min. Earth dist.	-1649 Jan	25 j 08:24	15°♑55'43	0.62132 AU
morning rise	-1649 Jan	28 j 19:21	12°♑56'45	
direct	-1649 Feb	04 j 19:31	10°♑23'26	
desc. node	-1649 Feb	14 j 00:06	14°♑02'12	
morning max el	-1649 Feb	18 j 19:50	18°♑12'38	27°45'11
	-1649 Feb	28 j 18:19	0°♒	
	-1649 Mar	19 j 03:39	0°♓	
morning set	-1649 Mar	24 j 03:20	9°♓47'58	
max. Earth dist.	-1649 Mar	29 j 23:01	22°♓01'08	1.32728 AU
superior conj	-1649 Mar	31 j 14:11	25°♓32'57	0°-16'-34
minimum elong	-1649 Mar	31 j 14:57	25°♓37'08	0°16'26
asc. node	-1649 Apr	02 j 04:02	28°♓58'44	
	-1649 Apr	02 j 15:18	0°♈	
evening rise	-1649 Apr	07 j 14:49	10°♈43'20	
	-1649 Apr	17 j 13:32	0°♉	
evening max el	-1649 May	02 j 11:58	20°♉16'39	24°17'56
desc. node	-1649 May	12 j 23:12	26°♉49'40	
retrograde	-1649 May	16 j 09:30	27°♉16'38	
evening set	-1649 May	20 j 22:11	26°♉30'45	
min. Earth dist.	-1649 May	26 j 23:35	23°♉30'33	0.56681 AU
inferior conj	-1649 May	29 j 14:55	21°♉50'34	-3°-57'-45
minimum elong	-1649 May	29 j 09:18	21°♉59'29	3°56'44
morning rise	-1649 Jun	07 j 00:20	17°♉47'03	
direct	-1649 Jun	09 j 13:40	17°♉29'28	
morning max el	-1649 Jun	19 j 02:57	21°♉55'21	19°35'41
	-1649 Jun	25 j 16:59	0°♊	
asc. node	-1649 Jun	29 j 03:21	5°♊34'42	
morning set	-1649 Jul	06 j 13:34	19°♊41'06	
	-1649 Jul	11 j 16:24	0°♋	
superior conj	-1649 Jul	14 j 15:27	5°♋53'49	1°47'02
minimum elong	-1649 Jul	14 j 14:36	5°♋49'38	1°47'03
max. Earth dist.	-1649 Jul	20 j 13:03	17°♋13'25	1.37500 AU
evening rise	-1649 Jul	24 j 10:14	24°♋18'15	
	-1649 Jul	27 j 16:16	0°♌	
desc. node	-1649 Aug	08 j 22:32	19°♌41'42	
	-1649 Aug	16 j 03:16	0°♍	
evening max el	-1649 Aug	29 j 05:43	15°♍42'45	25°19'16
retrograde	-1649 Sep	10 j 05:01	22°♍37'49	
evening set	-1649 Sep	16 j 01:43	20°♍09'27	
min. Earth dist.	-1649 Sep	20 j 12:57	15°♍09'21	0.66987 AU
inferior conj	-1649 Sep	21 j 13:33	13°♍49'14	-1°-12'-17
minimum elong	-1649 Sep	21 j 15:20	13°♍43'28	1°11'33
asc. node	-1649 Sep	25 j 02:32	9°♍34'49	
morning rise	-1649 Sep	27 j 05:29	7°♍47'46	
direct	-1649 Sep	30 j 14:41	6°♍41'27	
morning max el	-1649 Oct	07 j 22:28	10°♍52'44	19°35'57
greatest brilliancy	-1649 Oct	16 j 12:37	21°♍48'22	-0.7m
	-1649 Oct	22 j 01:30	0°♎	
morning set	-1649 Nov	01 j 13:48	16°♎09'25	
desc. node	-1649 Nov	04 j 21:57	21°♎20'56	
	-1649 Nov	10 j 10:39	0°♏	
max. Earth dist.	-1649 Nov	14 j 11:05	6°♏20'33	1.44345 AU
superior conj	-1649 Nov	18 j 09:16	12°♏36'03	-1°-20'-12
minimum elong	-1649 Nov	18 j 01:27	12°♏04'47	1°19'25

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	-1649 Nov 29 j 00:46	0°♐	
evening rise	-1649 Dec 02 j 10:43	5°♐42'47	
	-1649 Dec 17 j 12:48	0°♑	
evening max el	-1649 Dec 21 j 05:47	4°♑28'02	18°21'59
asc. node	-1649 Dec 22 j 01:46	5°♑16'20	
retrograde	-1649 Dec 27 j 18:37	8°♑01'53	
evening set	-1649 Dec 30 j 16:00	7°♑16'45	
inferior conj	-1648 Jan 05 j 17:57	1°♑47'50	3°42'39
minimum elong	-1648 Jan 05 j 15:48	1°♑53'55	3°42'20
	-1648 Jan 07 j 07:54	30°℞♐	
min. Earth dist.	-1648 Jan 08 j 00:15	29°♐14'24	0.63928 AU
morning rise	-1648 Jan 11 j 14:07	25°♐44'54	
direct	-1648 Jan 18 j 12:56	22°♐55'51	
	-1648 Jan 31 j 10:18	0°♑	
desc. node	-1648 Jan 31 j 21:10	0°♑26'23	
morning max el	-1648 Feb 01 j 03:55	0°♑43'03	27°32'00
	-1648 Feb 22 j 19:21	0°♒	
morning set	-1648 Mar 06 j 23:50	23°♒52'52	
	-1648 Mar 10 j 00:44	0°♓	
max. Earth dist.	-1648 Mar 12 j 02:17	4°♓16'31	1.33412 AU
superior conj	-1648 Mar 14 j 21:02	10°♓09'11	0°-42'-39
minimum elong	-1648 Mar 14 j 23:01	10°♓19'44	0°42'17
asc. node	-1648 Mar 19 j 01:05	19°♓05'14	
evening rise	-1648 Mar 22 j 02:17	25°♓34'09	
	-1648 Mar 24 j 05:36	0°♈	
	-1648 Apr 12 j 05:56	0°♉	
evening max el	-1648 Apr 13 j 04:03	0°♉54'48	22°43'08
retrograde	-1648 Apr 26 j 08:13	7°♉24'07	
desc. node	-1648 Apr 28 j 20:15	7°♉10'19	
evening set	-1648 Apr 29 j 12:59	7°♉01'44	
min. Earth dist.	-1648 May 07 j 13:01	3°♉31'41	0.55447 AU
inferior conj	-1648 May 08 j 19:55	2°♉47'25	-2°-40'-38
minimum elong	-1648 May 08 j 13:29	2°♉56'39	2°38'44
	-1648 May 14 j 04:28	30°℞♈	
morning rise	-1648 May 17 j 16:29	28°♈52'24	
direct	-1648 May 20 j 09:36	28°♈35'13	
	-1648 May 26 j 05:43	0°♉	
morning max el	-1648 May 31 j 14:08	3°♉47'57	20°50'02
asc. node	-1648 Jun 15 j 00:24	24°♉46'38	
	-1648 Jun 17 j 16:36	0°♊	
morning set	-1648 Jun 19 j 20:08	4°♊21'07	
superior conj	-1648 Jun 27 j 10:12	20°♊03'11	1°39'25
minimum elong	-1648 Jun 27 j 08:09	19°♊52'41	1°39'18
max. Earth dist.	-1648 Jul 01 j 21:25	29°♊02'12	1.35769 AU
	-1648 Jul 02 j 09:12	0°♋	
evening rise	-1648 Jul 06 j 03:21	7°♋11'33	
	-1648 Jul 19 j 09:21	0°♌	
desc. node	-1648 Jul 25 j 19:33	9°♌41'02	
evening max el	-1648 Aug 10 j 17:15	29°♌17'10	26°23'28
	-1648 Aug 11 j 11:14	0°♍	
retrograde	-1648 Aug 23 j 11:17	6°♍29'03	
evening set	-1648 Aug 29 j 22:13	3°♍47'59	
	-1648 Sep 02 j 14:03	30°℞♌	
min. Earth dist.	-1648 Sep 03 j 01:28	29°♌25'44	0.66208 AU
inferior conj	-1648 Sep 04 j 13:54	27°♌34'11	-2°-6'-24
minimum elong	-1648 Sep 04 j 16:57	27°♌24'48	2°05'15
morning rise	-1648 Sep 10 j 12:38	21°♌43'49	
asc. node	-1648 Sep 10 j 23:36	21°♌29'25	
direct	-1648 Sep 13 j 12:49	20°♌52'20	
morning max el	-1648 Sep 20 j 07:43	24°♌39'28	18°45'43
	-1648 Sep 24 j 18:25	0°♍	
morning set	-1648 Oct 11 j 08:19	25°♍29'38	
	-1648 Oct 14 j 04:22	0°♎	
desc. node	-1648 Oct 21 j 18:58	12°♎01'42	

superior conj	-1648 Oct 27 j 11:54	21°♎00'41	0°-36'-20
minimum elong	-1648 Oct 27 j 07:11	20°♎42'05	0°35'45
max. Earth dist.	-1648 Oct 27 j 04:45	20°♎32'29	1.44923 AU
	-1648 Nov 02 j 04:43	0°♏	
evening rise	-1648 Nov 12 j 07:46	16°♏07'15	
	-1648 Nov 20 j 23:40	0°♐	
evening max el	-1648 Dec 03 j 16:49	17°♐52'59	18°53'35
asc. node	-1648 Dec 07 j 22:50	21°♐08'21	
retrograde	-1648 Dec 10 j 12:26	21°♐44'31	
evening set	-1648 Dec 13 j 15:30	20°♐48'19	
inferior conj	-1648 Dec 19 j 10:27	15°♐01'59	3°15'54
minimum elong	-1648 Dec 19 j 07:36	15°♐10'49	3°15'13
min. Earth dist.	-1648 Dec 21 j 01:38	13°♐01'11	0.65369 AU
morning rise	-1648 Dec 24 j 22:43	8°♐52'22	
direct	-1648 Dec 31 j 12:45	6°♐02'38	
morning max el	-1647 Jan 13 j 13:33	13°♐38'44	26°47'06
desc. node	-1647 Jan 17 j 18:14	18°♐11'48	
	-1647 Jan 26 j 20:57	0°♑	
	-1647 Feb 14 j 10:56	0°♒	
morning set	-1647 Feb 18 j 09:41	7°♒21'10	
max. Earth dist.	-1647 Feb 22 j 19:22	15°♒58'11	1.34533 AU
superior conj	-1647 Feb 26 j 22:31	24°♒24'22	-1°-7'-48
minimum elong	-1647 Feb 27 j 01:31	24°♒39'59	1°07'19
	-1647 Mar 01 j 14:45	0°♓	
asc. node	-1647 Mar 05 j 22:09	9°♓02'34	
evening rise	-1647 Mar 06 j 11:51	10°♓13'44	
	-1647 Mar 16 j 23:51	0°♈	
evening max el	-1647 Mar 26 j 02:40	11°♈48'32	21°13'30
retrograde	-1647 Apr 06 j 22:09	17°♈30'45	
evening set	-1647 Apr 09 j 07:36	17°♈17'32	
desc. node	-1647 Apr 15 j 17:18	14°♈53'54	
inferior conj	-1647 Apr 18 j 14:54	13°♈18'28	0°-49'-11
minimum elong	-1647 Apr 18 j 12:35	13°♈21'45	0°48'22
min. Earth dist.	-1647 Apr 19 j 02:18	13°♈02'24	0.55064 AU
morning rise	-1647 Apr 27 j 17:21	9°♈15'14	
direct	-1647 Apr 30 j 20:46	8°♈53'47	
morning max el	-1647 May 13 j 14:41	14°♈59'07	22°21'19
	-1647 May 25 j 02:52	0°♉	
asc. node	-1647 Jun 01 j 21:28	14°♉22'54	
morning set	-1647 Jun 04 j 06:20	19°♉14'37	
	-1647 Jun 09 j 08:22	0°♊	
superior conj	-1647 Jun 11 j 12:48	4°♊37'58	1°26'04
minimum elong	-1647 Jun 11 j 10:15	4°♊24'32	1°25'47
max. Earth dist.	-1647 Jun 14 j 15:14	11°♊06'35	1.34378 AU
evening rise	-1647 Jun 19 j 11:53	20°♊52'12	
	-1647 Jun 24 j 07:57	0°♋	
desc. node	-1647 Jul 12 j 16:34	29°♋12'13	
	-1647 Jul 13 j 06:46	0°♌	
evening max el	-1647 Jul 24 j 04:59	12°♌43'58	27°07'40
retrograde	-1647 Aug 06 j 12:09	20°♌03'38	
evening set	-1647 Aug 13 j 10:36	17°♌17'36	
min. Earth dist.	-1647 Aug 17 j 06:35	13°♌33'22	0.65068 AU
inferior conj	-1647 Aug 19 j 08:06	11°♌13'39	-2°-57'-37
minimum elong	-1647 Aug 19 j 12:08	11°♌02'14	2°56'20
morning rise	-1647 Aug 25 j 15:08	5°♌37'46	
direct	-1647 Aug 28 j 08:38	4°♌57'44	
asc. node	-1647 Aug 28 j 20:41	4°♌59'06	
morning max el	-1647 Sep 03 j 21:25	8°♌29'34	18°12'00
	-1647 Sep 18 j 13:09	0°♍	
morning set	-1647 Sep 22 j 06:58	6°♍12'47	
superior conj	-1647 Oct 06 j 14:59	29°♍32'10	0°13'15
minimum elong	-1647 Oct 06 j 16:37	29°♍38'43	0°13'01
behind sun begin	-1647 Oct 06 j 10:01	29°♍12'26	
behind sun end	-1647 Oct 06 j 23:13	0°♎04'59	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1647 Oct 06 j 21:58	0°♎	
desc. node	-1647 Oct 08 j 15:59	2°♎46'46	
max. Earth dist.	-1647 Oct 09 j 23:32	4°♎51'28	1.44763 AU
evening rise	-1647 Oct 23 j 05:25	25°♎34'17	
	-1647 Oct 26 j 01:53	0°♏	
greatest brilliancy	-1647 Nov 08 j 23:35	21°♏05'35	-0.7m
	-1647 Nov 15 j 18:34	0°♐	
evening max el	-1647 Nov 17 j 00:00	1°♐19'47	19°41'38
retrograde	-1647 Nov 24 j 09:21	5°♐37'54	
asc. node	-1647 Nov 24 j 19:54	5°♐36'48	
evening set	-1647 Nov 27 j 19:52	4°♐28'43	
	-1647 Dec 02 j 05:32	30°℞♏	
inferior conj	-1647 Dec 03 j 09:54	28°♏28'01	2°39'12
minimum elong	-1647 Dec 03 j 07:01	28°♏37'29	2°38'17
min. Earth dist.	-1647 Dec 04 j 11:20	27°♏04'35	0.66427 AU
morning rise	-1647 Dec 08 j 17:30	22°♏13'58	
direct	-1647 Dec 14 j 18:19	19°♏35'06	
morning max el	-1647 Dec 26 j 22:47	26°♏48'10	25°38'19
	-1647 Dec 29 j 22:40	0°♐	
desc. node	-1646 Jan 04 j 15:18	6°♐54'42	
	-1646 Jan 20 j 11:55	0°♑	
morning set	-1646 Feb 01 j 04:20	19°♑59'26	
max. Earth dist.	-1646 Feb 05 j 00:50	27°♑10'17	1.36098 AU
	-1646 Feb 06 j 12:16	0°♒	
superior conj	-1646 Feb 10 j 15:55	8°♒10'24	-1°-30'-24
minimum elong	-1646 Feb 10 j 19:28	8°♒28'11	1°29'59
evening rise	-1646 Feb 18 j 17:29	24°♒35'22	
asc. node	-1646 Feb 20 j 19:13	28°♒45'34	
	-1646 Feb 21 j 10:14	0°♓	
evening max el	-1646 Mar 08 j 11:42	23°♓15'38	19°58'18
retrograde	-1646 Mar 18 j 14:39	28°♓05'47	
evening set	-1646 Mar 20 j 19:04	27°♓53'15	
inferior conj	-1646 Mar 29 j 13:59	23°♓52'42	1°06'53
minimum elong	-1646 Mar 29 j 16:48	23°♓48'23	1°05'55
min. Earth dist.	-1646 Mar 31 j 16:28	22°♓35'53	0.55630 AU
desc. node	-1646 Apr 02 j 14:23	21°♓29'47	
morning rise	-1646 Apr 07 j 11:36	19°♓23'21	
direct	-1646 Apr 11 j 12:04	18°♓47'46	
morning max el	-1646 Apr 25 j 07:40	25°♓39'29	24°01'17
	-1646 Apr 29 j 09:24	0°♈	
	-1646 May 17 j 17:08	0°♉	
morning set	-1646 May 19 j 18:14	4°♉14'17	
asc. node	-1646 May 19 j 18:31	4°♉15'51	
superior conj	-1646 May 26 j 20:28	19°♉28'16	1°08'19
minimum elong	-1646 May 26 j 18:01	19°♉15'01	1°07'56
max. Earth dist.	-1646 May 28 j 18:05	23°♉33'04	1.33366 AU
	-1646 May 31 j 19:32	0°♊	
evening rise	-1646 Jun 03 j 07:22	5°♊06'07	
	-1646 Jun 16 j 23:48	0°♋	
desc. node	-1646 Jun 29 j 13:36	18°♋02'19	
evening max el	-1646 Jul 06 j 15:22	25°♋50'26	27°25'12
	-1646 Jul 11 j 16:01	0°♌	
retrograde	-1646 Jul 20 j 07:22	3°♌11'55	
evening set	-1646 Jul 27 j 11:41	0°♌32'33	
	-1646 Jul 28 j 04:39	30°℞♋	
min. Earth dist.	-1646 Jul 31 j 02:24	27°♋22'16	0.63550 AU
inferior conj	-1646 Aug 02 j 17:31	24°♋41'25	-3°-42'-56
minimum elong	-1646 Aug 02 j 21:51	24°♋30'20	3°41'53
morning rise	-1646 Aug 09 j 10:07	19°♋23'18	
direct	-1646 Aug 11 j 23:19	18°♋51'36	
asc. node	-1646 Aug 15 j 17:45	20°♋01'23	
morning max el	-1646 Aug 18 j 12:51	22°♋16'47	17°55'46
	-1646 Aug 24 j 12:16	0°♌	
morning set	-1646 Sep 04 j 07:04	18°♌08'45	
	-1646 Sep 11 j 04:06	0°♍	

superior conj	-1646 Sep 16 j 14:32	9°♍06'28	0°56'14
minimum elong	-1646 Sep 16 j 19:42	9°♍27'44	0°55'36
max. Earth dist.	-1646 Sep 22 j 15:47	18°♍57'11	1.43895 AU
desc. node	-1646 Sep 25 j 13:00	23°♍32'47	
	-1646 Sep 29 j 15:36	0°♎	
evening rise	-1646 Oct 02 j 12:12	4°♎26'04	
	-1646 Oct 19 j 13:36	0°♏	
greatest brilliancy	-1646 Oct 25 j 05:38	7°♏49'36	-0.5m
evening max el	-1646 Oct 31 j 01:45	14°♏46'49	20°44'01
retrograde	-1646 Nov 08 j 06:53	19°♏38'27	
asc. node	-1646 Nov 11 j 16:57	18°♏31'33	
evening set	-1646 Nov 12 j 02:56	18°♏14'05	
inferior conj	-1646 Nov 17 j 13:48	12°♏02'35	1°55'18
minimum elong	-1646 Nov 17 j 11:26	12°♏10'39	1°54'25
min. Earth dist.	-1646 Nov 18 j 03:08	11°♏17'08	0.67122 AU
morning rise	-1646 Nov 22 j 19:28	5°♏46'25	
direct	-1646 Nov 28 j 05:12	3°♏25'48	
morning max el	-1646 Dec 09 j 07:21	10°♏02'49	24°15'18
desc. node	-1646 Dec 22 j 12:20	26°♏18'17	
	-1646 Dec 25 j 03:14	0°♐	
	-1645 Jan 13 j 04:43	0°♑	
morning set	-1645 Jan 14 j 01:55	1°♑31'29	
max. Earth dist.	-1645 Jan 17 j 21:32	8°♑16'01	1.38029 AU
superior conj	-1645 Jan 24 j 21:49	21°♑17'58	-1°-48'-14
minimum elong	-1645 Jan 25 j 00:57	21°♑33'00	1°48'03
	-1645 Jan 29 j 09:07	0°♒	
evening rise	-1645 Feb 02 j 16:46	8°♒32'18	
asc. node	-1645 Feb 07 j 16:16	18°♒08'42	
	-1645 Feb 14 j 19:34	0°♓	
evening max el	-1645 Feb 19 j 07:30	5°♓20'29	19°01'55
retrograde	-1645 Feb 27 j 20:53	9°♓27'12	
evening set	-1645 Mar 02 j 03:59	9°♓10'42	
inferior conj	-1645 Mar 10 j 05:15	4°♓56'07	2°37'35
minimum elong	-1645 Mar 10 j 09:53	4°♓47'59	2°36'23
min. Earth dist.	-1645 Mar 13 j 08:20	2°♓45'32	0.57018 AU
morning rise	-1645 Mar 18 j 11:42	29°♒54'41	
	-1645 Mar 18 j 06:31	30°℞♒	
desc. node	-1645 Mar 20 j 11:26	29°♒15'24	
direct	-1645 Mar 23 j 16:21	28°♒50'47	
	-1645 Mar 29 j 02:44	0°♓	
morning max el	-1645 Apr 06 j 22:41	6°♓13'14	25°36'32
	-1645 Apr 24 j 07:24	0°♈	
morning set	-1645 May 04 j 06:08	19°♈14'22	
asc. node	-1645 May 06 j 15:34	24°♈20'07	
	-1645 May 09 j 06:12	0°♉	
superior conj	-1645 May 11 j 07:04	4°♉26'56	0°47'13
minimum elong	-1645 May 11 j 05:09	4°♉16'28	0°46'51
max. Earth dist.	-1645 May 12 j 03:38	6°♉19'05	1.32732 AU
evening rise	-1645 May 18 j 10:29	19°♉42'51	
	-1645 May 23 j 14:43	0°♊	
	-1645 Jun 11 j 09:52	0°♋	
desc. node	-1645 Jun 16 j 10:37	5°♋53'57	
evening max el	-1645 Jun 18 j 22:17	8°♋24'47	27°11'11
retrograde	-1645 Jul 02 j 20:03	15°♋44'26	
evening set	-1645 Jul 09 j 21:29	13°♋26'00	
min. Earth dist.	-1645 Jul 13 j 12:13	10°♋39'25	0.61703 AU
inferior conj	-1645 Jul 16 j 15:03	7°♋50'29	-4°-17'-37
minimum elong	-1645 Jul 16 j 18:27	7°♋42'47	4°17'07
morning rise	-1645 Jul 23 j 18:11	2°♋52'47	
direct	-1645 Jul 26 j 05:23	2°♋26'55	
morning max el	-1645 Aug 02 j 03:07	5°♋54'18	17°57'59
asc. node	-1645 Aug 02 j 14:48	6°♋23'36	
	-1645 Aug 17 j 13:22	0°♌	
morning set	-1645 Aug 18 j 02:52	1°♌01'33	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1645 Aug 28 j 17:40	20°♌02'33	1°26'13
minimum elong	-1645 Aug 28 j 22:22	20°♌22'53	1°25'48
	-1645 Sep 03 j 14:11	0°♍	
max. Earth dist.	-1645 Sep 05 j 03:15	2°♍33'36	1.42445 AU
evening rise	-1645 Sep 11 j 22:02	13°♍29'34	
desc. node	-1645 Sep 12 j 09:59	14°♍16'37	
	-1645 Sep 22 j 16:46	0°♎	
greatest brilliancy	-1645 Oct 09 j 02:54	22°♎48'35	-0.4m
evening max el	-1645 Oct 13 j 21:35	28°♎13'59	21°57'21
	-1645 Oct 15 j 17:57	0°♏	
retrograde	-1645 Oct 23 j 03:02	3°♏43'09	
evening set	-1645 Oct 27 j 10:48	2°♏01'27	
asc. node	-1645 Oct 29 j 13:59	29°♎56'33	
	-1645 Oct 29 j 12:46	30°℞♎	
inferior conj	-1645 Nov 01 j 20:04	25°♎42'47	1°06'15
minimum elong	-1645 Nov 01 j 18:35	25°♎47'54	1°05'38
min. Earth dist.	-1645 Nov 01 j 22:31	25°♎34'18	0.67492 AU
morning rise	-1645 Nov 07 j 02:08	19°♎27'08	
direct	-1645 Nov 11 j 20:37	17°♎28'16	
morning max el	-1645 Nov 21 j 17:23	23°♎20'22	22°47'52
greatest brilliancy	-1645 Nov 26 j 10:37	28°♎37'46	-0.3m
	-1645 Nov 27 j 13:22	0°♏	
desc. node	-1645 Dec 09 j 09:20	16°♏10'17	
	-1645 Dec 18 j 13:15	0°♐	
morning set	-1645 Dec 25 j 20:10	11°♐40'41	
max. Earth dist.	-1645 Dec 30 j 16:58	19°♐50'39	1.40135 AU
	-1644 Jan 05 j 12:07	0°♑	
superior conj	-1644 Jan 07 j 11:34	3°♑34'21	-1°-58'-14
minimum elong	-1644 Jan 07 j 12:45	3°♑39'42	1°58'16
evening rise	-1644 Jan 17 j 06:44	21°♑56'12	
	-1644 Jan 21 j 13:38	0°♒	
asc. node	-1644 Jan 25 j 13:17	7°♒04'15	
evening max el	-1644 Feb 02 j 11:43	17°♒56'13	18°25'31
retrograde	-1644 Feb 09 j 21:41	21°♒35'09	
evening set	-1644 Feb 12 j 09:00	21°♒12'03	
inferior conj	-1644 Feb 19 j 17:10	16°♒37'00	3°32'04
minimum elong	-1644 Feb 19 j 20:22	16°♒30'26	3°31'34
min. Earth dist.	-1644 Feb 23 j 03:20	13°♒50'36	0.58923 AU
morning rise	-1644 Feb 27 j 04:07	11°♒09'26	
direct	-1644 Mar 04 j 09:51	9°♒27'49	
desc. node	-1644 Mar 06 j 08:30	9°♒37'31	
morning max el	-1644 Mar 18 j 16:59	17°♒06'04	26°52'12
	-1644 Mar 29 j 08:42	0°♓	
	-1644 Apr 15 j 16:08	0°♈	
morning set	-1644 Apr 17 j 16:24	4°♈08'30	
asc. node	-1644 Apr 22 j 12:37	14°♈30'36	
superior conj	-1644 Apr 24 j 18:48	19°♈27'12	0°23'39
minimum elong	-1644 Apr 24 j 17:45	19°♈21'31	0°23'26
max. Earth dist.	-1644 Apr 24 j 16:28	19°♈14'24	1.32452 AU
	-1644 Apr 29 j 15:01	0°♉	
evening rise	-1644 May 01 j 18:32	4°♉33'11	
	-1644 May 15 j 09:39	0°♊	
evening max el	-1644 May 30 j 23:28	20°♊17'31	26°24'24
desc. node	-1644 Jun 02 j 07:38	22°♊22'45	
retrograde	-1644 Jun 14 j 00:32	27°♊33'17	
evening set	-1644 Jun 20 j 11:33	25°♊48'38	
min. Earth dist.	-1644 Jun 24 j 12:40	23°♊10'01	0.59666 AU
inferior conj	-1644 Jun 27 j 21:10	20°♊31'47	-4°-34'-15
minimum elong	-1644 Jun 27 j 21:51	20°♊30'25	4°34'13
morning rise	-1644 Jul 05 j 11:35	15°♊56'24	
direct	-1644 Jul 07 j 22:52	15°♊34'29	
morning max el	-1644 Jul 15 j 13:17	19°♊14'10	18°19'45
asc. node	-1644 Jul 19 j 11:50	23°♊50'19	
	-1644 Jul 23 j 12:32	0°♋	
morning set	-1644 Jul 31 j 13:06	14°♋37'17	
	-1644 Aug 08 j 16:42	0°♌	
superior conj	-1644 Aug 09 j 21:37	2°♌12'53	1°42'49
minimum elong	-1644 Aug 10 j 00:04	2°♌24'07	1°42'42
max. Earth dist.	-1644 Aug 17 j 09:31	15°♌30'30	1.40603 AU
evening rise	-1644 Aug 22 j 03:28	23°♌29'14	
	-1644 Aug 26 j 03:59	0°♍	
desc. node	-1644 Aug 29 j 06:59	4°♍54'55	
	-1644 Sep 15 j 15:29	0°♎	
greatest brilliancy	-1644 Sep 19 j 02:26	4°♎25'58	-0.2m
evening max el	-1644 Sep 25 j 12:29	11°♎43'25	23°16'50
retrograde	-1644 Oct 05 j 20:25	17°♎50'04	
evening set	-1644 Oct 10 j 17:50	15°♎49'36	
asc. node	-1644 Oct 15 j 11:00	10°♎22'07	
inferior conj	-1644 Oct 16 j 02:57	9°♎27'26	0°13'45
minimum elong	-1644 Oct 16 j 02:38	9°♎28'34	0°13'36
transit middle	-1644 Oct 16 j 02:38	9°♎28'34	0°13'36
transit begin	-1644 Oct 16 j 01:08	9°♎33'42	
transit end	-1644 Oct 16 j 04:07	9°♎23'25	
min. Earth dist.	-1644 Oct 15 j 19:04	9°♎54'30	0.67550 AU
morning rise	-1644 Oct 21 j 11:27	3°♎15'08	
direct	-1644 Oct 25 j 15:38	1°♎38'24	
morning max el	-1644 Nov 03 j 08:29	6°♎45'21	21°24'41
greatest brilliancy	-1644 Nov 08 j 13:00	12°♎43'28	-0.4m
	-1644 Nov 20 j 23:30	0°♏	
desc. node	-1644 Nov 25 j 06:22	6°♏23'08	
morning set	-1644 Dec 04 j 09:55	20°♏29'21	
	-1644 Dec 10 j 08:15	0°♐	
max. Earth dist.	-1644 Dec 11 j 18:35	2°♐20'36	1.42124 AU
superior conj	-1644 Dec 19 j 03:50	14°♐46'53	-1°-56'-26
minimum elong	-1644 Dec 19 j 01:13	14°♐35'39	1°56'23
	-1644 Dec 27 j 18:10	0°♑	
evening rise	-1644 Dec 30 j 07:56	4°♑40'09	
asc. node	-1643 Jan 11 j 10:18	25°♑23'51	
	-1643 Jan 15 j 00:30	0°♒	
evening max el	-1643 Jan 15 j 21:24	0°♒54'26	18°08'58
retrograde	-1643 Jan 22 j 15:32	4°♒21'28	
evening set	-1643 Jan 25 j 06:33	3°♒50'32	
	-1643 Jan 30 j 19:52	30°℞♑	
inferior conj	-1643 Feb 01 j 00:32	28°♑53'21	3°54'11
minimum elong	-1643 Feb 01 j 01:15	28°♑51'39	3°54'08
min. Earth dist.	-1643 Feb 04 j 04:28	25°♑55'21	0.60990 AU
morning rise	-1643 Feb 07 j 17:17	23°♑07'37	
direct	-1643 Feb 14 j 13:55	20°♑50'25	
desc. node	-1643 Feb 21 j 05:33	22°♑45'28	
morning max el	-1643 Feb 28 j 17:30	28°♑36'22	27°36'26
	-1643 Mar 02 j 02:28	0°♒	
	-1643 Mar 23 j 02:59	0°♓	
morning set	-1643 Apr 01 j 23:10	18°♓50'04	
	-1643 Apr 07 j 05:40	0°♈	
max. Earth dist.	-1643 Apr 08 j 04:51	2°♈05'52	1.32523 AU
superior conj	-1643 Apr 09 j 05:59	4°♈22'55	0°-1'-37
minimum elong	-1643 Apr 09 j 06:03	4°♈23'19	0°01'36
behind sun begin	-1643 Apr 09 j 01:01	3°♈55'49	
behind sun end	-1643 Apr 09 j 11:05	4°♈50'50	
asc. node	-1643 Apr 09 j 09:39	4°♈42'58	
evening rise	-1643 Apr 16 j 05:23	19°♈29'14	
	-1643 Apr 21 j 09:39	0°♉	
	-1643 May 11 j 07:10	0°♊	
evening max el	-1643 May 12 j 18:07	1°♊27'13	25°09'29
desc. node	-1643 May 20 j 04:41	6°♊55'44	
retrograde	-1643 May 26 j 18:44	8°♊35'37	
evening set	-1643 Jun 01 j 03:02	7°♊29'36	
min. Earth dist.	-1643 Jun 06 j 05:57	4°♊41'47	0.57680 AU
inferior conj	-1643 Jun 09 j 08:24	2°♊35'14	-4°-22'-15

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1643 Jun 09 j 04:57	2°♊41'09	4°21'53
	-1643 Jun 13 j 10:29	30°℞♉	
morning rise	-1643 Jun 17 j 10:48	28°♉21'40	
direct	-1643 Jun 19 j 23:23	28°♉02'40	
	-1643 Jun 26 j 00:28	0°♊	
morning max el	-1643 Jun 28 j 16:24	2°♊07'05	19°02'00
asc. node	-1643 Jul 06 j 08:53	12°♊06'54	
morning set	-1643 Jul 15 j 09:33	28°♊44'19	
	-1643 Jul 16 j 00:54	0°♋	
superior conj	-1643 Jul 23 j 20:36	15°♋21'06	1°48'08
minimum elong	-1643 Jul 23 j 20:48	15°♋21'59	1°48'09
max. Earth dist.	-1643 Jul 30 j 12:27	27°♋46'20	1.38613 AU
	-1643 Jul 31 j 18:16	0°♌	
evening rise	-1643 Aug 03 j 10:15	4°♌41'03	
desc. node	-1643 Aug 16 j 04:01	25°♌22'47	
	-1643 Aug 19 j 06:03	0°♍	
evening max el	-1643 Sep 08 j 00:22	25°♍15'32	24°36'19
	-1643 Sep 13 j 18:18	0°♎	
retrograde	-1643 Sep 19 j 10:03	1°♎55'11	
	-1643 Sep 24 j 10:39	30°℞♍	
evening set	-1643 Sep 24 j 22:18	29°♍36'06	
min. Earth dist.	-1643 Sep 29 j 14:20	24°♍15'30	0.67292 AU
inferior conj	-1643 Sep 30 j 08:43	23°♍14'09	0°-40'-39
minimum elong	-1643 Sep 30 j 09:43	23°♍10'51	0°40'16
asc. node	-1643 Oct 02 j 08:03	20°♍40'36	
morning rise	-1643 Oct 05 j 21:29	17°♍08'05	
direct	-1643 Oct 09 j 13:00	15°♍51'38	
morning max el	-1643 Oct 17 j 07:01	20°♍20'24	20°11'46
greatest brilliancy	-1643 Oct 24 j 04:53	28°♍44'38	-0.6m
	-1643 Oct 25 j 02:52	0°♎	
desc. node	-1643 Nov 12 j 03:25	26°♎50'31	
morning set	-1643 Nov 13 j 07:28	28°♎38'53	
	-1643 Nov 14 j 04:25	0°♏	
max. Earth dist.	-1643 Nov 24 j 04:10	15°♏43'41	1.43703 AU
superior conj	-1643 Nov 29 j 17:44	24°♏44'52	-1°-38'-36
minimum elong	-1643 Nov 29 j 10:56	24°♏17'01	1°38'05
	-1643 Dec 02 j 21:59	0°♐	
evening rise	-1643 Dec 12 j 16:13	16°♐36'23	
	-1643 Dec 20 j 11:25	0°♑	
asc. node	-1643 Dec 29 j 07:19	12°♑57'05	
evening max el	-1643 Dec 30 j 09:41	14°♑07'48	18°11'50
retrograde	-1642 Jan 05 j 22:04	17°♑36'13	
evening set	-1642 Jan 08 j 16:50	16°♑56'39	
inferior conj	-1642 Jan 14 j 23:48	11°♑38'33	3°52'04
minimum elong	-1642 Jan 14 j 22:28	11°♑42'08	3°51'56
min. Earth dist.	-1642 Jan 17 j 14:39	8°♑51'19	0.62929 AU
morning rise	-1642 Jan 21 j 02:14	5°♑40'30	
direct	-1642 Jan 28 j 02:44	2°♑58'59	
desc. node	-1642 Feb 08 j 02:37	8°♑08'53	
morning max el	-1642 Feb 10 j 23:48	10°♑48'03	27°44'03
	-1642 Feb 26 j 02:58	0°♒	
	-1642 Mar 15 j 09:46	0°♓	
morning set	-1642 Mar 17 j 00:16	3°♓11'36	
max. Earth dist.	-1642 Mar 22 j 12:47	14°♓39'16	1.32966 AU
superior conj	-1642 Mar 24 j 14:58	19°♓08'26	0°-27'-40
minimum elong	-1642 Mar 24 j 16:16	19°♓15'23	0°27'24
asc. node	-1642 Mar 27 j 06:42	24°♓53'09	
	-1642 Mar 29 j 15:33	0°♈	
evening rise	-1642 Mar 31 j 17:11	4°♈24'13	
	-1642 Apr 14 j 14:38	0°♉	
evening max el	-1642 Apr 24 j 09:10	12°♉08'54	23°37'48
desc. node	-1642 May 07 j 01:43	18°♉56'34	
retrograde	-1642 May 08 j 01:03	18°♉58'43	
evening set	-1642 May 11 j 23:33	18°♉24'31	
min. Earth dist.	-1642 May 18 j 19:53	15°♉13'15	0.56066 AU
inferior conj	-1642 May 20 j 23:34	13°♉55'36	-3°-30'-25
minimum elong	-1642 May 20 j 17:00	14°♉05'31	3°28'52
morning rise	-1642 May 29 j 14:05	9°♉57'50	
direct	-1642 Jun 01 j 04:36	9°♉40'49	
morning max el	-1642 Jun 11 j 10:01	14°♉24'39	20°04'58
	-1642 Jun 22 j 16:12	0°♊	
asc. node	-1642 Jun 23 j 05:59	1°♊01'55	
morning set	-1642 Jun 29 j 13:11	13°♊14'45	
superior conj	-1642 Jul 07 j 09:27	29°♊12'32	1°44'37
minimum elong	-1642 Jul 07 j 08:00	29°♊05'16	1°44'35
	-1642 Jul 07 j 18:55	0°♋	
max. Earth dist.	-1642 Jul 12 j 16:53	9°♋36'37	1.36729 AU
evening rise	-1642 Jul 16 j 16:16	17°♋01'21	
	-1642 Jul 24 j 02:53	0°♌	
desc. node	-1642 Aug 03 j 01:01	15°♌34'45	
	-1642 Aug 13 j 14:35	0°♍	
evening max el	-1642 Aug 21 j 11:25	8°♍49'46	25°48'20
retrograde	-1642 Sep 02 j 19:18	15°♍53'36	
evening set	-1642 Sep 08 j 22:21	13°♍18'45	
min. Earth dist.	-1642 Sep 13 j 06:01	8°♍34'48	0.66705 AU
inferior conj	-1642 Sep 14 j 11:37	7°♍00'43	-1°-35'-26
minimum elong	-1642 Sep 14 j 13:57	6°♍53'17	1°34'30
asc. node	-1642 Sep 19 j 05:08	1°♍48'30	
morning rise	-1642 Sep 20 j 06:17	1°♍03'50	
direct	-1642 Sep 23 j 11:18	0°♍04'26	
morning max el	-1642 Sep 30 j 12:51	4°♍04'18	19°12'35
	-1642 Oct 18 j 20:27	0°♎	
morning set	-1642 Oct 23 j 12:37	7°♎17'56	
desc. node	-1642 Oct 30 j 00:26	17°♎27'36	
	-1642 Nov 06 j 23:57	0°♏	
max. Earth dist.	-1642 Nov 06 j 19:21	29°♎41'50	1.44677 AU
superior conj	-1642 Nov 09 j 06:00	3°♏33'47	-1°-3'-4
minimum elong	-1642 Nov 08 j 22:44	3°♏05'01	1°02'16
evening rise	-1642 Nov 24 j 03:07	27°♏36'06	
	-1642 Nov 25 j 14:04	0°♐	
evening max el	-1642 Dec 13 j 21:50	27°♐29'43	18°33'18
asc. node	-1642 Dec 16 j 04:22	29°♐30'24	
	-1642 Dec 16 j 21:46	0°♑	
retrograde	-1642 Dec 20 j 12:51	1°♑10'23	
evening set	-1642 Dec 23 j 12:21	0°♑20'54	
	-1642 Dec 24 j 02:20	30°℞♐	
inferior conj	-1642 Dec 29 j 11:02	24°♐44'10	3°32'45
minimum elong	-1642 Dec 29 j 08:29	24°♐51'41	3°32'16
min. Earth dist.	-1642 Dec 31 j 10:50	22°♐23'28	0.64580 AU
morning rise	-1641 Jan 04 j 03:21	18°♐37'48	
direct	-1641 Jan 10 j 23:01	15°♐46'43	
morning max el	-1641 Jan 24 j 09:03	23°♐31'29	27°16'28
desc. node	-1641 Jan 25 j 23:42	25°♐11'09	
	-1641 Jan 30 j 04:45	0°♑	
	-1641 Feb 19 j 10:04	0°♒	
morning set	-1641 Feb 28 j 16:42	17°♒02'34	
max. Earth dist.	-1641 Mar 05 j 12:04	26°♒40'42	1.33826 AU
	-1641 Mar 07 j 02:33	0°♓	
superior conj	-1641 Mar 08 j 19:47	3°♓36'20	0°-53'-32
minimum elong	-1641 Mar 08 j 22:15	3°♓49'16	0°53'05
asc. node	-1641 Mar 14 j 03:44	14°♓56'10	
evening rise	-1641 Mar 16 j 04:03	19°♓10'44	
	-1641 Mar 21 j 13:07	0°♈	
evening max el	-1641 Apr 06 j 03:08	22°♈49'56	22°03'46
retrograde	-1641 Apr 18 j 19:34	29°♈01'31	
evening set	-1641 Apr 21 j 13:52	28°♈44'35	
desc. node	-1641 Apr 23 j 22:48	28°♈04'59	
inferior conj	-1641 Apr 30 j 22:47	24°♈38'22	-1°-56'-13

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1641 Apr 30 j 17:36	24°♈45'40	1°54'31
min. Earth dist.	-1641 Apr 30 j 09:19	24°♈57'21	0.55162 AU
morning rise	-1641 May 09 j 22:50	20°♈42'08	
direct	-1641 May 12 j 18:51	20°♈24'08	
morning max el	-1641 May 24 j 16:38	25°♈59'38	21°27'10
	-1641 May 28 j 10:42	0°♉	
asc. node	-1641 Jun 10 j 03:04	20°♉25'01	
morning set	-1641 Jun 13 j 21:31	28°♉01'01	
	-1641 Jun 14 j 20:28	0°♊	
superior conj	-1641 Jun 21 j 07:55	13°♊34'03	1°34'23
minimum elong	-1641 Jun 21 j 05:35	13°♊21'54	1°34'11
max. Earth dist.	-1641 Jun 25 j 04:36	21°♊28'02	1.35128 AU
evening rise	-1641 Jun 29 j 16:31	0°♋16'34	
	-1641 Jun 29 j 13:03	0°♋	
	-1641 Jul 17 j 04:49	0°♌	
desc. node	-1641 Jul 20 j 22:02	5°♌23'35	
evening max el	-1641 Aug 03 j 23:00	22°♌22'04	26°45'05
retrograde	-1641 Aug 16 j 23:36	29°♌39'06	
evening set	-1641 Aug 23 j 15:48	26°♌54'40	
min. Earth dist.	-1641 Aug 27 j 15:45	22°♌48'41	0.65767 AU
inferior conj	-1641 Aug 29 j 09:39	20°♌44'20	-2°-28'-39
minimum elong	-1641 Aug 29 j 13:12	20°♌33'51	2°27'24
morning rise	-1641 Sep 04 j 11:47	14°♌59'43	
asc. node	-1641 Sep 06 j 02:14	14°♌22'42	
direct	-1641 Sep 07 j 08:42	14°♌13'40	
morning max el	-1641 Sep 14 j 00:21	17°♌53'36	18°29'12
	-1641 Sep 23 j 00:49	0°♍	
morning set	-1641 Oct 03 j 18:56	17°♍13'30	
	-1641 Oct 11 j 17:43	0°♎	
desc. node	-1641 Oct 16 j 21:26	8°♎10'52	
superior conj	-1641 Oct 19 j 06:03	11°♎54'12	0°-15'-13
minimum elong	-1641 Oct 19 j 04:02	11°♎46'16	0°14'58
behind sun begin	-1641 Oct 18 j 23:31	11°♎28'28	
behind sun end	-1641 Oct 19 j 08:33	12°♎04'03	
max. Earth dist.	-1641 Oct 20 j 13:22	13°♎57'31	1.44942 AU
	-1641 Oct 30 j 18:19	0°♏	
evening rise	-1641 Nov 04 j 13:49	7°♏35'05	
greatest brilliancy	-1641 Nov 16 j 15:54	26°♏32'25	-0.7m
	-1641 Nov 18 j 22:57	0°♐	
evening max el	-1641 Nov 27 j 07:30	10°♐56'18	19°12'10
asc. node	-1641 Dec 03 j 01:26	14°♐49'00	
retrograde	-1641 Dec 04 j 08:17	14°♐58'15	
evening set	-1641 Dec 07 j 14:12	13°♐56'58	
inferior conj	-1641 Dec 13 j 06:51	8°♐04'23	3°01'21
minimum elong	-1641 Dec 13 j 03:55	8°♐13'45	3°00'33
min. Earth dist.	-1641 Dec 14 j 16:06	6°♐18'51	0.65865 AU
morning rise	-1641 Dec 18 j 16:45	1°♐52'31	
	-1641 Dec 21 j 09:22	30°℞♏	
direct	-1641 Dec 25 j 01:37	29°♏05'51	
	-1641 Dec 29 j 01:00	0°♐	
morning max el	-1640 Jan 06 j 18:34	6°♐34'22	26°20'08
desc. node	-1640 Jan 12 j 20:45	13°♐23'45	
	-1640 Jan 24 j 22:59	0°♑	
morning set	-1640 Feb 11 j 20:42	0°♒11'30	
	-1640 Feb 11 j 18:14	0°♒	
max. Earth dist.	-1640 Feb 15 j 23:48	8°♒06'39	1.35143 AU
superior conj	-1640 Feb 20 j 18:11	17°♒40'14	-1°-17'-49
minimum elong	-1640 Feb 20 j 21:30	17°♒57'14	1°17'21
	-1640 Feb 26 j 17:00	0°♓	
evening rise	-1640 Feb 28 j 12:10	3°♓43'08	
asc. node	-1640 Feb 29 j 00:47	4°♓47'52	
	-1640 Mar 14 j 16:13	0°♈	
evening max el	-1640 Mar 18 j 06:02	3°♈56'46	20°39'27
retrograde	-1640 Mar 29 j 08:36	9°♈16'02	
evening set	-1640 Mar 31 j 14:21	9°♈03'56	
inferior conj	-1640 Apr 09 j 17:38	5°♈06'41	0°01'34
minimum elong	-1640 Apr 09 j 17:42	5°♈06'35	0°01'32
transit middle	-1640 Apr 09 j 17:42	5°♈06'35	0°01'32
transit begin	-1640 Apr 09 j 13:40	5°♈12'25	
transit end	-1640 Apr 09 j 21:45	5°♈00'45	
desc. node	-1640 Apr 09 j 19:51	5°♈03'29	
min. Earth dist.	-1640 Apr 10 j 23:08	4°♈24'11	0.55192 AU
morning rise	-1640 Apr 18 j 19:25	0°♈53'39	
direct	-1640 Apr 22 j 06:38	0°♈27'33	
morning max el	-1640 May 05 j 13:16	6°♈54'48	23°03'25
	-1640 May 21 j 20:05	0°♉	
asc. node	-1640 May 27 j 00:07	10°♉08'42	
morning set	-1640 May 28 j 08:35	12°♉57'10	
superior conj	-1640 Jun 04 j 12:54	28°♉15'51	1°19'01
minimum elong	-1640 Jun 04 j 10:20	28°♉02'09	1°18'40
	-1640 Jun 05 j 08:29	0°♊	
max. Earth dist.	-1640 Jun 07 j 02:19	3°♊40'45	1.33901 AU
evening rise	-1640 Jun 12 j 06:09	14°♊12'39	
	-1640 Jun 20 j 17:20	0°♋	
desc. node	-1640 Jul 06 j 19:05	24°♋39'01	
	-1640 Jul 11 j 02:26	0°♌	
evening max el	-1640 Jul 16 j 10:34	5°♌42'23	27°18'52
retrograde	-1640 Jul 29 j 22:12	13°♌03'18	
evening set	-1640 Aug 05 j 23:48	10°♌18'51	
min. Earth dist.	-1640 Aug 09 j 17:17	6°♌49'32	0.64462 AU
inferior conj	-1640 Aug 12 j 00:29	4°♌19'54	-3°-17'-51
minimum elong	-1640 Aug 12 j 04:46	4°♌08'15	3°16'36
	-1640 Aug 16 j 13:11	30°℞♋	
morning rise	-1640 Aug 18 j 11:25	28°♋50'52	
direct	-1640 Aug 21 j 02:46	28°♋14'42	
asc. node	-1640 Aug 22 j 23:18	28°♋32'40	
	-1640 Aug 25 j 16:09	0°♌	
morning max el	-1640 Aug 27 j 15:03	1°♌42'57	18°02'49
morning set	-1640 Sep 14 j 05:07	28°♌30'01	
	-1640 Sep 15 j 02:24	0°♍	
superior conj	-1640 Sep 27 j 16:02	20°♍47'30	0°32'50
minimum elong	-1640 Sep 27 j 19:43	21°♍02'23	0°32'21
max. Earth dist.	-1640 Oct 02 j 07:27	28°♍13'12	1.44480 AU
desc. node	-1640 Oct 02 j 18:26	28°♍56'46	
	-1640 Oct 03 j 10:24	0°♎	
evening rise	-1640 Oct 14 j 03:26	16°♎42'54	
	-1640 Oct 22 j 19:33	0°♏	
greatest brilliancy	-1640 Nov 02 j 14:50	15°♏51'44	-0.6m
evening max el	-1640 Nov 09 j 12:36	24°♏23'48	20°06'37
retrograde	-1640 Nov 17 j 05:35	28°♏55'00	
asc. node	-1640 Nov 18 j 22:30	28°♏38'17	
evening set	-1640 Nov 20 j 19:56	27°♏39'37	
inferior conj	-1640 Nov 26 j 08:26	21°♏34'08	2°21'17
minimum elong	-1640 Nov 26 j 05:43	21°♏43'13	2°20'21
min. Earth dist.	-1640 Nov 27 j 04:34	20°♏26'51	0.66775 AU
morning rise	-1640 Dec 01 j 14:56	15°♏19'06	
direct	-1640 Dec 07 j 09:37	12°♏47'09	
morning max el	-1640 Dec 19 j 03:08	19°♏45'41	25°04'01
	-1640 Dec 27 j 21:35	0°♐	
desc. node	-1640 Dec 29 j 17:46	2°♐25'25	
	-1639 Jan 17 j 02:21	0°♑	
morning set	-1639 Jan 24 j 07:03	12°♑23'00	
max. Earth dist.	-1639 Jan 28 j 00:35	19°♑10'42	1.36889 AU
	-1639 Feb 02 j 16:39	0°♒	
superior conj	-1639 Feb 03 j 07:08	1°♒11'05	-1°-38'-43
minimum elong	-1639 Feb 03 j 10:39	1°♒28'26	1°38'24
evening rise	-1639 Feb 11 j 15:21	17°♒54'47	
asc. node	-1639 Feb 14 j 21:49	24°♒23'00	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1639 Feb 17 j 21:20	0°♓	
evening max el	-1639 Feb 28 j 19:51	15°♓40'10	19°31'54
retrograde	-1639 Mar 10 j 05:29	20°♓09'45	
evening set	-1639 Mar 12 j 10:50	19°♓55'49	
inferior conj	-1639 Mar 20 j 22:26	15°♓50'26	1°49'36
minimum elong	-1639 Mar 21 j 02:31	15°♓43'50	1°48'20
min. Earth dist.	-1639 Mar 23 j 13:35	14°♓09'24	0.56139 AU
desc. node	-1639 Mar 27 j 16:53	11°♓52'50	
morning rise	-1639 Mar 29 j 14:38	11°♓07'44	
direct	-1639 Apr 03 j 03:05	10°♓21'42	
morning max el	-1639 Apr 17 j 04:23	17°♓27'53	24°43'21
	-1639 Apr 27 j 10:23	0°♈	
morning set	-1639 May 12 j 20:41	27°♈57'50	
asc. node	-1639 May 13 j 21:09	0°♉07'09	
	-1639 May 13 j 19:48	0°♉	
superior conj	-1639 May 19 j 22:02	13°♉10'26	0°59'43
minimum elong	-1639 May 19 j 19:45	12°♉58'05	0°59'20
max. Earth dist.	-1639 May 21 j 08:37	16°♉17'41	1.33052 AU
evening rise	-1639 May 27 j 05:15	28°♉37'43	
	-1639 May 27 j 21:29	0°♊	
	-1639 Jun 13 j 21:50	0°♋	
desc. node	-1639 Jun 23 j 16:06	13°♋07'02	
evening max el	-1639 Jun 28 j 20:00	18°♋37'39	27°23'23
retrograde	-1639 Jul 12 j 14:28	25°♋57'44	
evening set	-1639 Jul 19 j 18:54	23°♋25'45	
min. Earth dist.	-1639 Jul 23 j 08:52	20°♋27'07	0.62800 AU
inferior conj	-1639 Jul 26 j 05:17	17°♋41'13	-3°-59'-20
minimum elong	-1639 Jul 26 j 09:24	17°♋31'10	3°58'29
morning rise	-1639 Aug 02 j 02:13	12°♋31'15	
direct	-1639 Aug 04 j 14:25	12°♋02'09	
asc. node	-1639 Aug 09 j 20:21	14°♋11'00	
morning max el	-1639 Aug 11 j 06:18	15°♋26'56	17°54'25
	-1639 Aug 21 j 09:47	0°♌	
morning set	-1639 Aug 27 j 14:24	10°♌52'55	
	-1639 Sep 07 j 13:51	0°♍	
superior conj	-1639 Sep 08 j 03:15	0°♍56'38	1°10'39
minimum elong	-1639 Sep 08 j 08:35	1°♍19'04	1°10'04
max. Earth dist.	-1639 Sep 14 j 22:31	12°♍10'53	1.43349 AU
desc. node	-1639 Sep 19 j 15:27	19°♍42'33	
evening rise	-1639 Sep 23 j 09:16	25°♍34'22	
	-1639 Sep 26 j 06:05	0°♎	
	-1639 Oct 16 j 21:30	0°♏	
greatest brilliancy	-1639 Oct 18 j 05:51	1°♏44'36	-0.4m
evening max el	-1639 Oct 23 j 11:54	7°♏51'14	21°14'00
retrograde	-1639 Nov 01 j 02:40	12°♏58'02	
evening set	-1639 Nov 05 j 03:34	11°♏26'18	
asc. node	-1639 Nov 05 j 19:32	10°♏53'22	
inferior conj	-1639 Nov 10 j 13:34	5°♏11'18	1°35'00
minimum elong	-1639 Nov 10 j 11:32	5°♏18'17	1°34'12
min. Earth dist.	-1639 Nov 10 j 22:06	4°♏42'00	0.67330 AU
	-1639 Nov 14 j 16:10	30°℞♎	
morning rise	-1639 Nov 15 j 19:11	28°♎55'16	
direct	-1639 Nov 20 j 22:23	26°♎43'52	
	-1639 Nov 28 j 04:28	0°♏	
morning max el	-1639 Dec 01 j 11:59	3°♏01'34	23°38'02
desc. node	-1639 Dec 16 j 14:47	22°♏02'09	
	-1639 Dec 22 j 01:49	0°♐	
morning set	-1638 Jan 05 j 17:37	23°♐20'51	
	-1638 Jan 09 j 14:10	0°♑	
max. Earth dist.	-1638 Jan 09 j 20:13	0°♑26'32	1.38929 AU
superior conj	-1638 Jan 17 j 06:46	13°♑58'19	-1°-53'-40
minimum elong	-1638 Jan 17 j 09:17	14°♑10'09	1°53'35
	-1638 Jan 25 j 14:46	0°♒	
evening rise	-1638 Jan 26 j 11:03	1°♒38'40	

asc. node	-1638 Feb 01 j 18:51	13°♒35'15	
evening max el	-1638 Feb 11 j 19:27	27°♒58'31	18°43'53
	-1638 Feb 14 j 06:40	0°♓	
retrograde	-1638 Feb 19 j 19:47	1°♓51'44	
evening set	-1638 Feb 22 j 04:41	1°♓32'36	
	-1638 Feb 25 j 18:30	30°℞♒	
inferior conj	-1638 Mar 01 j 22:19	27°♒09'19	3°05'09
minimum elong	-1638 Mar 02 j 02:38	27°♒01'15	3°04'14
min. Earth dist.	-1638 Mar 05 j 06:14	24°♒40'59	0.57784 AU
morning rise	-1638 Mar 09 j 20:37	21°♒55'48	
desc. node	-1638 Mar 14 j 13:56	20°♒38'58	
direct	-1638 Mar 15 j 12:41	20°♒36'45	
morning max el	-1638 Mar 29 j 20:20	28°♒06'49	26°12'10
	-1638 Mar 31 j 16:55	0°♓	
	-1638 Apr 20 j 20:33	0°♈	
morning set	-1638 Apr 27 j 08:06	12°♈56'15	
asc. node	-1638 Apr 30 j 18:10	20°♈14'34	
superior conj	-1638 May 04 j 09:17	28°♈10'18	0°37'28
minimum elong	-1638 May 04 j 07:42	28°♈01'39	0°37'09
max. Earth dist.	-1638 May 04 j 20:09	29°♈09'49	1.32566 AU
	-1638 May 05 j 05:19	0°♉	
evening rise	-1638 May 11 j 10:44	13°♉20'57	
	-1638 May 20 j 00:00	0°♊	
	-1638 Jun 10 j 02:17	0°♋	
desc. node	-1638 Jun 10 j 13:08	0°♋26'48	
evening max el	-1638 Jun 11 j 00:33	0°♋54'22	26°55'09
retrograde	-1638 Jun 24 j 23:42	8°♋12'32	
evening set	-1638 Jul 01 j 20:47	6°♋06'52	
min. Earth dist.	-1638 Jul 05 j 14:10	3°♋26'12	0.60851 AU
inferior conj	-1638 Jul 08 j 20:39	0°♋39'09	-4°-27'-25
minimum elong	-1638 Jul 08 j 23:08	0°♋33'50	4°27'11
	-1638 Jul 09 j 15:04	30°℞♊	
morning rise	-1638 Jul 16 j 04:32	25°♊51'05	
direct	-1638 Jul 18 j 15:40	25°♊26'59	
morning max el	-1638 Jul 25 j 19:12	28°♊57'51	18°04'53
	-1638 Jul 26 j 19:27	0°♋	
asc. node	-1638 Jul 27 j 17:23	1°♋02'14	
morning set	-1638 Aug 10 j 16:52	24°♋05'08	
	-1638 Aug 13 j 21:19	0°♌	
superior conj	-1638 Aug 20 j 17:35	12°♌26'07	1°34'47
minimum elong	-1638 Aug 20 j 21:25	12°♌43'06	1°34'30
max. Earth dist.	-1638 Aug 28 j 07:54	25°♌32'02	1.41694 AU
	-1638 Aug 31 j 00:36	0°♍	
evening rise	-1638 Sep 03 j 01:53	4°♍57'08	
desc. node	-1638 Sep 06 j 12:29	10°♍24'28	
	-1638 Sep 19 j 13:42	0°♎	
greatest brilliancy	-1638 Oct 01 j 10:36	15°♎56'45	-0.3m
evening max el	-1638 Oct 06 j 05:21	21°♎18'51	22°30'38
retrograde	-1638 Oct 15 j 21:56	27°♎04'34	
evening set	-1638 Oct 20 j 11:21	25°♎14'46	
asc. node	-1638 Oct 23 j 16:33	21°♎48'28	
inferior conj	-1638 Oct 25 j 20:21	18°♎53'54	0°44'21
minimum elong	-1638 Oct 25 j 19:20	18°♎57'25	0°43'54
min. Earth dist.	-1638 Oct 25 j 18:17	19°♎01'02	0.67553 AU
morning rise	-1638 Oct 31 j 03:14	12°♎39'24	
direct	-1638 Nov 04 j 15:21	10°♎50'19	
morning max el	-1638 Nov 14 j 00:01	16°♎23'00	22°11'36
greatest brilliancy	-1638 Nov 18 j 16:54	21°♎41'15	-0.4m
	-1638 Nov 25 j 01:32	0°♏	
desc. node	-1638 Dec 03 j 11:49	12°♏04'09	
	-1638 Dec 15 j 03:49	0°♐	
morning set	-1638 Dec 16 j 23:30	2°♐55'07	
max. Earth dist.	-1638 Dec 22 j 18:01	12°♐25'00	1.41012 AU
superior conj	-1638 Dec 30 j 12:08	25°♐49'39	-1°-59'-11

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1638 Dec 30 j 11:54	25°♐48'38	1°59'13
	-1637 Jan 01 j 19:56	0°♑	
evening rise	-1637 Jan 09 j 20:11	14°♑47'32	
	-1637 Jan 18 j 06:16	0°♒	
asc. node	-1637 Jan 19 j 15:52	2°♒17'13	
evening max el	-1637 Jan 26 j 02:22	10°♒45'13	18°16'00
retrograde	-1637 Feb 02 j 04:29	14°♒17'39	
evening set	-1637 Feb 04 j 17:15	13°♒51'30	
inferior conj	-1637 Feb 11 j 19:00	9°♒07'04	3°44'56
minimum elong	-1637 Feb 11 j 21:10	9°♒02'20	3°44'42
min. Earth dist.	-1637 Feb 15 j 03:45	6°♒12'29	0.59796 AU
morning rise	-1637 Feb 18 j 21:47	3°♒30'28	
direct	-1637 Feb 25 j 11:03	1°♒32'49	
desc. node	-1637 Mar 01 j 10:58	2°♒14'18	
morning max el	-1637 Mar 11 j 17:30	9°♒15'51	27°15'22
	-1637 Mar 27 j 15:02	0°♓	
morning set	-1637 Apr 11 j 17:08	27°♓46'13	
	-1637 Apr 12 j 18:44	0°♈	
asc. node	-1637 Apr 17 j 15:13	10°♈26'32	
superior conj	-1637 Apr 18 j 21:00	13°♈09'30	0°13'05
minimum elong	-1637 Apr 18 j 20:25	13°♈06'17	0°12'58
behind sun begin	-1637 Apr 18 j 17:32	12°♈50'31	
behind sun end	-1637 Apr 18 j 23:17	13°♈22'03	
max. Earth dist.	-1637 Apr 18 j 09:12	12°♈04'54	1.32434 AU
evening rise	-1637 Apr 25 j 20:13	28°♈14'24	
	-1637 Apr 26 j 16:24	0°♉	
	-1637 May 13 j 14:35	0°♊	
evening max el	-1637 May 23 j 22:37	12°♊26'57	25°55'23
desc. node	-1637 May 28 j 10:10	16°♊10'24	
retrograde	-1637 Jun 07 j 00:22	19°♊41'17	
evening set	-1637 Jun 13 j 01:22	18°♊12'51	
min. Earth dist.	-1637 Jun 17 j 11:11	15°♊32'19	0.58794 AU
inferior conj	-1637 Jun 20 j 19:01	13°♊04'44	-4°-33'-22
minimum elong	-1637 Jun 20 j 18:03	13°♊06'33	4°33'21
morning rise	-1637 Jun 28 j 14:31	8°♊39'15	
direct	-1637 Jul 01 j 02:07	8°♊18'49	
morning max el	-1637 Jul 09 j 02:46	12°♊07'21	18°35'14
asc. node	-1637 Jul 14 j 14:27	18°♊51'27	
	-1637 Jul 21 j 04:04	0°♋	
morning set	-1637 Jul 25 j 07:49	7°♋54'27	
superior conj	-1637 Aug 03 j 06:17	25°♋02'35	1°46'17
minimum elong	-1637 Aug 03 j 07:43	25°♋09'19	1°46'16
	-1637 Aug 05 j 22:37	0°♌	
max. Earth dist.	-1637 Aug 10 j 11:41	8°♌07'47	1.39752 AU
evening rise	-1637 Aug 14 j 17:52	15°♌26'09	
	-1637 Aug 23 j 18:21	0°♍	
desc. node	-1637 Aug 24 j 09:30	0°♍58'34	
	-1637 Sep 14 j 08:43	0°♎	
evening max el	-1637 Sep 18 j 18:30	4°♎48'28	23°51'08
retrograde	-1637 Sep 29 j 13:59	11°♎10'51	
evening set	-1637 Oct 04 j 17:31	9°♎02'23	
min. Earth dist.	-1637 Oct 09 j 14:42	3°♎21'27	0.67470 AU
inferior conj	-1637 Oct 10 j 02:59	2°♎39'37	0°-9'-9
minimum elong	-1637 Oct 10 j 03:12	2°♎38'53	0°09'05
transit middle	-1637 Oct 10 j 03:12	2°♎38'53	0°09'05
transit begin	-1637 Oct 10 j 00:57	2°♎46'34	
transit end	-1637 Oct 10 j 05:28	2°♎31'12	
asc. node	-1637 Oct 10 j 13:37	2°♎03'32	
	-1637 Oct 12 j 03:12	30°℞♍	
morning rise	-1637 Oct 15 j 13:03	26°♍29'23	
direct	-1637 Oct 19 j 11:31	25°♍01'42	
	-1637 Oct 27 j 21:18	0°♎	
morning max el	-1637 Oct 27 j 18:08	29°♍51'57	20°52'09
greatest brilliancy	-1637 Nov 02 j 13:25	6°♎41'00	-0.5m
	-1637 Nov 18 j 19:02	0°♏	
desc. node	-1637 Nov 20 j 08:51	2°♏23'37	
morning set	-1637 Nov 26 j 03:55	11°♏19'37	
max. Earth dist.	-1637 Dec 04 j 22:30	25°♏16'40	1.42854 AU
	-1637 Dec 07 j 19:46	0°♐	
superior conj	-1637 Dec 11 j 17:39	6°♐31'25	-1°-51'-2
minimum elong	-1637 Dec 11 j 13:08	6°♐12'23	1°50'49
evening rise	-1637 Dec 23 j 14:46	27°♐12'15	
	-1637 Dec 25 j 04:26	0°♑	
asc. node	-1636 Jan 06 j 12:55	20°♑18'49	
evening max el	-1636 Jan 09 j 13:34	23°♑51'06	18°07'52
retrograde	-1636 Jan 16 j 04:11	27°♑17'08	
evening set	-1636 Jan 18 j 20:41	26°♑42'45	
inferior conj	-1636 Jan 25 j 09:40	21°♑36'47	3°55'44
minimum elong	-1636 Jan 25 j 09:25	21°♑37'24	3°55'42
min. Earth dist.	-1636 Jan 28 j 08:42	18°♑40'37	0.61847 AU
morning rise	-1636 Jan 31 j 19:48	15°♑45'11	
direct	-1636 Feb 07 j 19:28	13°♑15'30	
desc. node	-1636 Feb 16 j 08:02	16°♑24'09	
morning max el	-1636 Feb 21 j 20:38	21°♑04'01	27°44'01
	-1636 Feb 29 j 15:23	0°♒	
	-1636 Mar 19 j 14:11	0°♓	
morning set	-1636 Mar 25 j 21:48	12°♓20'02	
max. Earth dist.	-1636 Mar 31 j 19:57	24°♓48'58	1.32663 AU
superior conj	-1636 Apr 02 j 07:29	28°♓01'36	0°-12'-38
minimum elong	-1636 Apr 02 j 08:05	28°♓04'47	0°12'30
behind sun begin	-1636 Apr 02 j 04:55	27°♓47'34	
behind sun end	-1636 Apr 02 j 11:14	28°♓21'59	
	-1636 Apr 03 j 05:15	0°♈	
asc. node	-1636 Apr 03 j 12:17	0°♈38'21	
evening rise	-1636 Apr 09 j 07:41	13°♈10'29	
	-1636 Apr 17 j 20:54	0°♉	
evening max el	-1636 May 04 j 15:12	23°♉22'02	24°31'44
desc. node	-1636 May 14 j 07:11	29°♉42'30	
	-1636 May 15 j 07:33	0°♊	
retrograde	-1636 May 18 j 13:56	0°♊24'33	
	-1636 May 21 j 20:45	30°℞♉	
evening set	-1636 May 23 j 07:46	29°♉33'56	
min. Earth dist.	-1636 May 29 j 02:57	26°♉37'18	0.56922 AU
inferior conj	-1636 May 31 j 21:39	24°♉50'01	-4°-5'-42
minimum elong	-1636 May 31 j 16:32	24°♉58'19	4°04'51
morning rise	-1636 Jun 09 j 05:13	20°♉44'03	
direct	-1636 Jun 11 j 18:22	20°♉26'07	
morning max el	-1636 Jun 21 j 02:07	24°♉46'08	19°26'17
	-1636 Jun 25 j 15:43	0°♊	
asc. node	-1636 Jun 30 j 11:33	7°♊25'40	
morning set	-1636 Jul 08 j 07:40	22°♊12'11	
	-1636 Jul 12 j 04:56	0°♋	
superior conj	-1636 Jul 16 j 11:44	8°♋30'33	1°47'35
minimum elong	-1636 Jul 16 j 11:08	8°♋27'37	1°47'36
max. Earth dist.	-1636 Jul 22 j 14:16	20°♋08'43	1.37783 AU
evening rise	-1636 Jul 26 j 11:07	27°♋08'42	
	-1636 Jul 28 j 02:09	0°♌	
desc. node	-1636 Aug 10 j 06:32	21°♌20'24	
	-1636 Aug 16 j 05:37	0°♍	
evening max el	-1636 Aug 31 j 05:57	18°♍22'21	25°08'29
retrograde	-1636 Sep 12 j 01:51	25°♍13'32	
evening set	-1636 Sep 17 j 20:21	22°♍47'34	
min. Earth dist.	-1636 Sep 22 j 08:50	17°♍42'02	0.67077 AU
inferior conj	-1636 Sep 23 j 07:47	16°♍26'50	-1°-3'-56
minimum elong	-1636 Sep 23 j 09:20	16°♍21'42	1°03'18
asc. node	-1636 Sep 26 j 10:41	12°♍36'57	
morning rise	-1636 Sep 28 j 22:49	10°♍24'01	
direct	-1636 Oct 02 j 09:38	9°♍15'06	
morning max el	-1636 Oct 09 j 19:47	13°♍30'32	19°44'45

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

greatest brilliancy	-1636 Oct 17 j 21:27	23°♍38'38	-0.6m
	-1636 Oct 22 j 06:18	0°♎	
morning set	-1636 Nov 04 j 01:40	19°♎32'59	
desc. node	-1636 Nov 06 j 05:54	22°♎55'36	
	-1636 Nov 10 j 18:41	0°♏	
max. Earth dist.	-1636 Nov 16 j 10:40	8°♏56'26	1.44202 AU
superior conj	-1636 Nov 20 j 20:02	15°♏58'08	-1°-25'-36
minimum elong	-1636 Nov 20 j 12:19	15°♏27'02	1°24'53
	-1636 Nov 29 j 09:30	0°♐	
evening rise	-1636 Dec 04 j 14:27	8°♐45'04	
	-1636 Dec 17 j 12:12	0°♑	
evening max el	-1636 Dec 23 j 02:13	7°♑09'12	18°18'45
asc. node	-1636 Dec 23 j 09:57	7°♑28'27	
retrograde	-1636 Dec 29 j 14:36	10°♑41'09	
evening set	-1635 Jan 01 j 11:19	9°♑57'26	
inferior conj	-1635 Jan 07 j 14:28	4°♑31'13	3°45'33
minimum elong	-1635 Jan 07 j 12:31	4°♑36'42	3°45'17
min. Earth dist.	-1635 Jan 09 j 23:00	1°♑53'53	0.63685 AU
	-1635 Jan 11 j 19:16	30°℞♐	
morning rise	-1635 Jan 13 j 12:09	28°♐29'32	
direct	-1635 Jan 20 j 11:42	25°♐42'00	
	-1635 Jan 30 j 06:55	0°♑	
desc. node	-1635 Feb 02 j 05:06	2°♑33'21	
morning max el	-1635 Feb 03 j 04:17	3°♑29'37	27°36'09
	-1635 Feb 23 j 01:53	0°♒	
morning set	-1635 Mar 09 j 19:36	26°♒29'28	
	-1635 Mar 11 j 13:31	0°♓	
max. Earth dist.	-1635 Mar 15 j 00:37	7°♓09'30	1.33285 AU
superior conj	-1635 Mar 17 j 14:59	12°♓40'26	0°-38'-44
minimum elong	-1635 Mar 17 j 16:47	12°♓50'04	0°38'23
asc. node	-1635 Mar 21 j 09:20	20°♓45'54	
evening rise	-1635 Mar 24 j 19:20	28°♓02'41	
	-1635 Mar 25 j 17:46	0°♈	
	-1635 Apr 12 j 13:47	0°♉	
evening max el	-1635 Apr 16 j 06:49	4°♉00'08	22°57'12
retrograde	-1635 Apr 29 j 14:25	10°♉35'13	
desc. node	-1635 May 01 j 04:14	10°♉29'42	
evening set	-1635 May 02 j 23:30	10°♉10'16	
min. Earth dist.	-1635 May 10 j 16:21	6°♉45'36	0.55580 AU
inferior conj	-1635 May 12 j 05:04	5°♉52'31	-2°-55'-4
minimum elong	-1635 May 11 j 22:25	6°♉02'10	2°53'11
morning rise	-1635 May 21 j 00:10	1°♉57'23	
direct	-1635 May 23 j 16:33	1°♉40'18	
morning max el	-1635 Jun 03 j 14:58	6°♉45'08	20°37'48
asc. node	-1635 Jun 17 j 08:38	26°♉33'34	
	-1635 Jun 19 j 03:43	0°♊	
morning set	-1635 Jun 22 j 13:35	6°♊50'06	
superior conj	-1635 Jun 30 j 05:05	22°♊35'41	1°41'00
minimum elong	-1635 Jun 30 j 03:10	22°♊25'56	1°40'53
	-1635 Jul 03 j 21:37	0°♋	
max. Earth dist.	-1635 Jul 04 j 21:39	1°♋57'52	1.36006 AU
evening rise	-1635 Jul 09 j 01:32	9°♋53'55	
	-1635 Jul 20 j 16:27	0°♌	
desc. node	-1635 Jul 28 j 03:33	11°♌23'24	
	-1635 Aug 11 j 19:08	0°♍	
evening max el	-1635 Aug 13 j 17:21	1°♍56'58	26°14'55
retrograde	-1635 Aug 26 j 08:48	9°♍06'51	
evening set	-1635 Sep 01 j 17:50	6°♍27'08	
min. Earth dist.	-1635 Sep 05 j 22:13	1°♍59'18	0.66352 AU
inferior conj	-1635 Sep 07 j 08:50	0°♍12'13	-1°-58'-20
minimum elong	-1635 Sep 07 j 11:43	0°♍03'18	1°57'13
	-1635 Sep 07 j 12:47	30°℞♌	
morning rise	-1635 Sep 13 j 06:29	24°♌20'06	
asc. node	-1635 Sep 13 j 07:46	24°♌18'16	
direct	-1635 Sep 16 j 07:52	23°♌26'39	
morning max el	-1635 Sep 23 j 04:13	27°♌16'37	18°52'09
	-1635 Sep 25 j 14:22	0°♍	
morning set	-1635 Oct 14 j 16:18	28°♍41'27	
	-1635 Oct 15 j 12:10	0°♎	
desc. node	-1635 Oct 24 j 02:55	13°♎35'25	
max. Earth dist.	-1635 Oct 30 j 03:55	23°♎05'47	1.44884 AU
superior conj	-1635 Oct 31 j 00:32	24°♎26'59	0°-43'-39
minimum elong	-1635 Oct 30 j 18:58	24°♎05'04	0°42'58
	-1635 Nov 03 j 12:56	0°♏	
evening rise	-1635 Nov 15 j 15:07	19°♏18'35	
	-1635 Nov 22 j 05:58	0°♐	
evening max el	-1635 Dec 06 j 13:35	20°♐33'24	18°47'48
asc. node	-1635 Dec 10 j 06:59	23°♐31'51	
retrograde	-1635 Dec 13 j 07:47	24°♐21'54	
evening set	-1635 Dec 16 j 09:53	23°♐27'28	
inferior conj	-1635 Dec 22 j 05:43	17°♐43'25	3°20'40
minimum elong	-1635 Dec 22 j 02:55	17°♐51'59	3°20'02
min. Earth dist.	-1635 Dec 23 j 23:03	15°♐37'22	0.65173 AU
morning rise	-1635 Dec 27 j 18:55	11°♐34'35	
direct	-1634 Jan 03 j 10:30	8°♐44'12	
morning max el	-1634 Jan 16 j 13:58	16°♐22'54	26°55'38
desc. node	-1634 Jan 20 j 02:11	20°♐08'25	
	-1634 Jan 27 j 22:01	0°♑	
	-1634 Feb 15 j 21:02	0°♒	
morning set	-1634 Feb 21 j 07:20	10°♒04'33	
max. Earth dist.	-1634 Feb 25 j 19:34	18°♒57'29	1.34336 AU
superior conj	-1634 Mar 01 j 17:26	26°♒59'33	-1°-4'-5
minimum elong	-1634 Mar 01 j 20:18	27°♒14'33	1°03'38
	-1634 Mar 03 j 03:54	0°♓	
asc. node	-1634 Mar 08 j 06:22	10°♓45'00	
evening rise	-1634 Mar 09 j 05:20	12°♓44'47	
	-1634 Mar 18 j 04:24	0°♈	
evening max el	-1634 Mar 29 j 04:02	14°♈50'01	21°26'04
retrograde	-1634 Apr 10 j 05:19	20°♈40'20	
evening set	-1634 Apr 12 j 16:33	20°♈26'26	
desc. node	-1634 Apr 18 j 01:17	18°♈33'46	
inferior conj	-1634 Apr 22 j 00:44	16°♈25'56	-1°-7'-14
minimum elong	-1634 Apr 21 j 21:35	16°♈30'21	1°06'08
min. Earth dist.	-1634 Apr 22 j 05:37	16°♈19'05	0.55060 AU
morning rise	-1634 May 01 j 02:53	12°♈25'12	
direct	-1634 May 04 j 03:58	12°♈04'59	
morning max el	-1634 May 16 j 17:03	18°♈02'30	22°06'54
	-1634 May 26 j 06:27	0°♉	
asc. node	-1634 Jun 04 j 05:42	16°♉06'36	
morning set	-1634 Jun 06 j 23:20	21°♉41'52	
	-1634 Jun 10 j 21:55	0°♊	
superior conj	-1634 Jun 14 j 06:42	7°♊07'17	1°28'25
minimum elong	-1634 Jun 14 j 04:11	6°♊54'06	1°28'09
max. Earth dist.	-1634 Jun 17 j 13:48	13°♊58'07	1.34561 AU
evening rise	-1634 Jun 22 j 08:02	23°♊28'09	
	-1634 Jun 25 j 18:44	0°♋	
	-1634 Jul 14 j 07:20	0°♌	
desc. node	-1634 Jul 15 j 00:33	0°♌59'20	
evening max el	-1634 Jul 27 j 04:58	15°♌24'55	27°02'33
retrograde	-1634 Aug 09 j 10:34	22°♌44'14	
evening set	-1634 Aug 16 j 07:35	19°♌58'08	
min. Earth dist.	-1634 Aug 20 j 04:30	16°♌08'27	0.65264 AU
inferior conj	-1634 Aug 22 j 04:04	13°♌52'25	-2°-50'-13
minimum elong	-1634 Aug 22 j 08:00	13°♌41'10	2°48'55
morning rise	-1634 Aug 28 j 09:49	8°♌14'18	
direct	-1634 Aug 31 j 04:06	7°♌32'50	
asc. node	-1634 Aug 31 j 04:51	7°♌32'51	
morning max el	-1634 Sep 06 j 17:25	11°♌06'27	18°15'52

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1634 Sep 19 j 20:39	0°♍	
morning set	-1634 Sep 25 j 10:41	9°♍11'55	
	-1634 Oct 08 j 06:28	0°♎	
superior conj	-1634 Oct 10 j 02:00	2°♎53'02	0°05'57
minimum elong	-1634 Oct 10 j 02:45	2°♎56'01	0°05'51
behind sun begin	-1634 Oct 09 j 16:22	2°♎14'47	
behind sun end	-1634 Oct 10 j 13:09	3°♎37'11	
desc. node	-1634 Oct 10 j 23:55	4°♎19'49	
max. Earth dist.	-1634 Oct 12 j 22:30	7°♎23'51	1.44831 AU
evening rise	-1634 Oct 26 j 15:52	28°♎52'49	
	-1634 Oct 27 j 09:06	0°♏	
greatest brilliancy	-1634 Nov 11 j 09:30	23°♏00'37	-0.7m
	-1634 Nov 16 j 11:07	0°♐	
evening max el	-1634 Nov 19 j 21:23	3°♐59'36	19°33'34
retrograde	-1634 Nov 27 j 04:23	8°♐13'30	
asc. node	-1634 Nov 27 j 04:02	8°♐13'30	
evening set	-1634 Nov 30 j 13:37	7°♐06'27	
inferior conj	-1634 Dec 06 j 04:16	1°♐07'43	2°45'16
minimum elong	-1634 Dec 06 j 01:21	1°♐17'12	2°44'23
	-1634 Dec 07 j 01:01	30°℞♏	
min. Earth dist.	-1634 Dec 07 j 07:40	29°♏38'27	0.66287 AU
morning rise	-1634 Dec 11 j 12:20	24°♏54'04	
direct	-1634 Dec 17 j 15:17	22°♏12'54	
morning max el	-1634 Dec 29 j 23:19	29°♏30'45	25°49'45
	-1634 Dec 30 j 10:51	0°♐	
desc. node	-1633 Jan 06 j 23:12	8°♐43'35	
	-1633 Jan 21 j 18:52	0°♑	
morning set	-1633 Feb 04 j 04:33	22°♑51'04	
	-1633 Feb 07 j 23:59	0°♒	
max. Earth dist.	-1633 Feb 08 j 02:34	0°♒12'22	1.35834 AU
superior conj	-1633 Feb 13 j 12:10	10°♒50'08	-1°-27'-13
minimum elong	-1633 Feb 13 j 15:41	11°♒07'51	1°26'48
evening rise	-1633 Feb 21 j 11:37	27°♒09'07	
	-1633 Feb 22 j 21:22	0°♓	
asc. node	-1633 Feb 23 j 03:23	0°♓30'13	
evening max el	-1633 Mar 11 j 11:25	26°♓11'32	20°08'25
	-1633 Mar 16 j 19:49	0°♈	
retrograde	-1633 Mar 21 j 20:34	1°♈09'09	
evening set	-1633 Mar 24 j 00:57	0°♈56'57	
	-1633 Mar 27 j 04:49	30°℞♓	
inferior conj	-1633 Apr 01 j 22:17	26°♓57'43	0°50'20
minimum elong	-1633 Apr 02 j 00:29	26°♓54'25	0°49'34
min. Earth dist.	-1633 Apr 03 j 19:44	25°♓49'40	0.55489 AU
desc. node	-1633 Apr 04 j 22:20	25°♓11'03	
morning rise	-1633 Apr 10 j 21:21	22°♓32'47	
direct	-1633 Apr 14 j 18:01	22°♓00'08	
morning max el	-1633 Apr 28 j 10:52	28°♓46'10	23°46'14
	-1633 Apr 29 j 16:51	0°♈	
	-1633 May 19 j 04:57	0°♉	
morning set	-1633 May 22 j 11:02	6°♉40'31	
asc. node	-1633 May 22 j 02:44	5°♉57'03	
superior conj	-1633 May 29 j 13:44	21°♉55'29	1°11'15
minimum elong	-1633 May 29 j 11:14	21°♉42'01	1°10'52
max. Earth dist.	-1633 May 31 j 15:16	26°♉20'22	1.33494 AU
	-1633 Jun 02 j 08:54	0°♊	
evening rise	-1633 Jun 06 j 02:07	7°♊37'36	
	-1633 Jun 18 j 06:49	0°♋	
desc. node	-1633 Jul 01 j 21:35	19°♋56'29	
evening max el	-1633 Jul 09 j 15:41	28°♋35'10	27°24'31
	-1633 Jul 11 j 04:36	0°♌	
retrograde	-1633 Jul 23 j 06:47	5°♌56'54	
evening set	-1633 Jul 30 j 10:35	3°♌15'45	
min. Earth dist.	-1633 Aug 03 j 01:53	0°♌00'47	0.63796 AU
	-1633 Aug 03 j 02:11	30°℞♋	
inferior conj	-1633 Aug 05 j 14:58	27°♋22'24	-3°-36'-42
minimum elong	-1633 Aug 05 j 19:20	27°♋11'04	3°35'35
morning rise	-1633 Aug 12 j 06:05	22°♋01'22	
direct	-1633 Aug 14 j 19:42	21°♋28'41	
asc. node	-1633 Aug 18 j 01:55	22°♋21'44	
morning max el	-1633 Aug 21 j 08:46	24°♋54'31	17°57'00
	-1633 Aug 25 j 13:10	0°♌	
morning set	-1633 Sep 07 j 07:24	20°♌58'20	
	-1633 Sep 12 j 13:36	0°♍	
superior conj	-1633 Sep 19 j 21:47	12°♍16'11	0°50'29
minimum elong	-1633 Sep 20 j 02:42	12°♍36'20	0°49'52
max. Earth dist.	-1633 Sep 25 j 15:11	21°♍32'20	1.44066 AU
desc. node	-1633 Sep 27 j 20:55	25°♍06'02	
	-1633 Sep 30 j 23:35	0°♎	
evening rise	-1633 Oct 05 j 23:55	7°♎47'32	
	-1633 Oct 20 j 17:09	0°♏	
greatest brilliancy	-1633 Oct 27 j 22:06	10°♏08'27	-0.5m
evening max el	-1633 Nov 03 j 00:01	17°♏26'42	20°33'57
retrograde	-1633 Nov 11 j 01:54	22°♏12'56	
asc. node	-1633 Nov 14 j 01:04	21°♏22'29	
evening set	-1633 Nov 14 j 20:22	20°♏51'03	
inferior conj	-1633 Nov 20 j 07:37	14°♏41'01	2°02'20
minimum elong	-1633 Nov 20 j 05:08	14°♏49'26	2°01'25
min. Earth dist.	-1633 Nov 20 j 22:42	13°♏49'50	0.67043 AU
morning rise	-1633 Nov 25 j 13:24	8°♏25'00	
direct	-1633 Dec 01 j 01:30	6°♏01'12	
morning max el	-1633 Dec 12 j 07:46	12°♏44'18	24°28'05
desc. node	-1633 Dec 24 j 20:13	28°♏01'33	
	-1633 Dec 26 j 06:21	0°♐	
	-1632 Jan 14 j 14:12	0°♑	
morning set	-1632 Jan 17 j 05:34	4°♑33'16	
max. Earth dist.	-1632 Jan 20 j 23:49	11°♑14'54	1.37725 AU
superior conj	-1632 Jan 27 j 19:58	24°♑03'29	-1°-45'-59
minimum elong	-1632 Jan 27 j 23:15	24°♑19'19	1°45'45
	-1632 Jan 30 j 21:04	0°♒	
evening rise	-1632 Feb 05 j 11:57	11°♒09'22	
asc. node	-1632 Feb 10 j 00:23	19°♒56'09	
	-1632 Feb 15 j 19:22	0°♓	
evening max el	-1632 Feb 22 j 05:43	8°♓10'33	19°09'06
retrograde	-1632 Mar 02 j 00:01	12°♓22'33	
evening set	-1632 Mar 04 j 06:37	12°♓06'48	
inferior conj	-1632 Mar 12 j 10:35	7°♓54'57	2°26'07
minimum elong	-1632 Mar 12 j 15:12	7°♓47'02	2°24'51
min. Earth dist.	-1632 Mar 15 j 11:12	5°♓51'30	0.56772 AU
morning rise	-1632 Mar 20 j 19:45	2°♓58'15	
desc. node	-1632 Mar 21 j 19:22	2°♓37'40	
direct	-1632 Mar 25 j 20:19	1°♓59'15	
morning max el	-1632 Apr 09 j 01:36	9°♓18'05	25°23'14
	-1632 Apr 24 j 13:58	0°♈	
morning set	-1632 May 05 j 23:01	21°♈40'30	
asc. node	-1632 May 07 j 23:45	25°♈59'31	
	-1632 May 09 j 20:15	0°♉	
superior conj	-1632 May 12 j 23:59	6°♉52'59	0°50'36
minimum elong	-1632 May 12 j 21:58	6°♉41'57	0°50'14
max. Earth dist.	-1632 May 14 j 00:01	9°♉03'52	1.32805 AU
evening rise	-1632 May 20 j 04:16	22°♉11'23	
	-1632 May 24 j 01:58	0°♊	
	-1632 Jun 11 j 06:39	0°♋	
desc. node	-1632 Jun 17 j 18:37	7°♋58'13	
evening max el	-1632 Jun 20 j 23:23	11°♋15'14	27°15'25
retrograde	-1632 Jul 04 j 20:27	18°♋34'58	
evening set	-1632 Jul 11 j 22:56	16°♋12'44	
min. Earth dist.	-1632 Jul 15 j 13:16	13°♋23'21	0.61994 AU
inferior conj	-1632 Jul 18 j 14:30	10°♋34'45	-4°-13'-22

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1632 Jul 18 j 18:09	10°♋26'20	4°12'47
morning rise	-1632 Jul 25 j 16:00	5°♋33'42	
direct	-1632 Jul 28 j 03:22	5°♋07'04	
asc. node	-1632 Aug 03 j 22:58	8°♋32'39	
morning max el	-1632 Aug 03 j 23:22	8°♋33'35	17°56'27
	-1632 Aug 17 j 23:12	0°♌	
morning set	-1632 Aug 20 j 00:41	3°♌43'48	
superior conj	-1632 Aug 30 j 20:52	23°♌00'01	1°22'34
minimum elong	-1632 Aug 31 j 01:47	23°♌21'14	1°22'06
	-1632 Sep 03 j 23:44	0°♍	
max. Earth dist.	-1632 Sep 07 j 03:38	5°♍14'28	1.42695 AU
desc. node	-1632 Sep 13 j 17:57	15°♍50'29	
evening rise	-1632 Sep 14 j 08:10	16°♍46'24	
	-1632 Sep 22 j 22:57	0°♎	
greatest brilliancy	-1632 Oct 11 j 00:14	25°♎21'33	-0.4m
	-1632 Oct 15 j 00:06	0°♏	
evening max el	-1632 Oct 15 j 20:48	0°♏54'02	21°45'52
retrograde	-1632 Oct 24 j 22:18	6°♏17'10	
evening set	-1632 Oct 29 j 04:14	4°♏38'08	
asc. node	-1632 Oct 30 j 22:07	2°♏59'49	
	-1632 Nov 02 j 08:33	30°℞♎	
inferior conj	-1632 Nov 03 j 13:40	28°♎20'24	1°13'58
minimum elong	-1632 Nov 03 j 12:01	28°♎26'03	1°13'17
min. Earth dist.	-1632 Nov 03 j 17:41	28°♎06'31	0.67464 AU
morning rise	-1632 Nov 08 j 19:32	22°♎04'36	
direct	-1632 Nov 13 j 16:19	20°♎02'21	
morning max el	-1632 Nov 23 j 17:18	26°♎00'56	23°00'44
	-1632 Nov 27 j 08:28	0°♏	
greatest brilliancy	-1632 Nov 28 j 13:48	1°♏27'28	-0.3m
desc. node	-1632 Dec 10 j 17:15	17°♏49'46	
	-1632 Dec 18 j 20:25	0°♐	
morning set	-1632 Dec 28 j 04:09	14°♐54'53	
max. Earth dist.	-1631 Jan 01 j 19:00	22°♐43'16	1.39827 AU
	-1631 Jan 05 j 22:40	0°♑	
superior conj	-1631 Jan 09 j 12:27	6°♑28'04	-1°-57'-25
minimum elong	-1631 Jan 09 j 14:03	6°♑35'22	1°57'24
evening rise	-1631 Jan 19 j 03:30	24°♑38'18	
	-1631 Jan 21 j 23:11	0°♒	
asc. node	-1631 Jan 26 j 21:25	8°♒56'00	
evening max el	-1631 Feb 04 j 08:50	20°♒41'43	18°29'40
retrograde	-1631 Feb 11 j 22:04	24°♒23'46	
evening set	-1631 Feb 14 j 08:50	24°♒01'41	
inferior conj	-1631 Feb 21 j 19:21	19°♒29'42	3°26'07
minimum elong	-1631 Feb 21 j 22:53	19°♒22'37	3°25'30
min. Earth dist.	-1631 Feb 25 j 05:25	16°♒47'17	0.58618 AU
morning rise	-1631 Mar 01 j 09:14	14°♒05'39	
direct	-1631 Mar 07 j 11:46	12°♒29'56	
desc. node	-1631 Mar 08 j 16:24	12°♒33'34	
morning max el	-1631 Mar 21 j 19:06	20°♒06'07	26°42'52
	-1631 Mar 30 j 06:37	0°♓	
	-1631 Apr 17 j 04:10	0°♈	
morning set	-1631 Apr 20 j 09:41	6°♈36'06	
asc. node	-1631 Apr 24 j 20:48	16°♈09'22	
superior conj	-1631 Apr 27 j 11:40	21°♈53'27	0°27'21
minimum elong	-1631 Apr 27 j 10:29	21°♈46'56	0°27'07
max. Earth dist.	-1631 Apr 27 j 12:45	21°♈59'21	1.32469 AU
	-1631 May 01 j 04:48	0°♉	
evening rise	-1631 May 04 j 11:45	7°♉00'24	
	-1631 May 16 j 15:22	0°♊	
evening max el	-1631 Jun 03 j 01:37	23°♊14'57	26°33'22
desc. node	-1631 Jun 04 j 15:38	24°♊41'39	
	-1631 Jun 13 j 13:10	0°♋	
retrograde	-1631 Jun 17 j 02:09	0°♋31'04	
	-1631 Jun 20 j 13:39	30°℞♊	
evening set	-1631 Jun 23 j 16:15	28°♊40'43	
min. Earth dist.	-1631 Jun 27 j 14:54	26°♊02'11	0.59978 AU
inferior conj	-1631 Jun 30 j 23:12	23°♊21'04	-4°-33'-19
minimum elong	-1631 Jul 01 j 00:25	23°♊18'36	4°33'16
morning rise	-1631 Jul 08 j 11:53	18°♊42'17	
direct	-1631 Jul 10 j 23:09	18°♊19'47	
morning max el	-1631 Jul 18 j 10:21	21°♊56'43	18°15'13
asc. node	-1631 Jul 21 j 20:03	25°♊50'38	
	-1631 Jul 24 j 16:57	0°♋	
morning set	-1631 Aug 03 j 09:05	17°♋13'58	
	-1631 Aug 10 j 04:01	0°♌	
superior conj	-1631 Aug 12 j 21:29	5°♌00'15	1°41'04
minimum elong	-1631 Aug 13 j 00:18	5°♌13'03	1°40'56
max. Earth dist.	-1631 Aug 20 j 10:54	18°♌18'34	1.40897 AU
evening rise	-1631 Aug 25 j 10:03	26°♌35'43	
	-1631 Aug 27 j 12:27	0°♍	
desc. node	-1631 Aug 31 j 15:00	6°♍29'49	
	-1631 Sep 16 j 16:32	0°♎	
greatest brilliancy	-1631 Sep 23 j 02:21	8°♎17'59	-0.2m
evening max el	-1631 Sep 28 j 12:21	14°♎22'53	23°04'46
retrograde	-1631 Oct 08 j 16:12	20°♎24'00	
evening set	-1631 Oct 13 j 11:32	18°♎26'15	
asc. node	-1631 Oct 17 j 19:11	13°♎31'20	
inferior conj	-1631 Oct 18 j 20:36	12°♎04'20	0°21'53
minimum elong	-1631 Oct 18 j 20:05	12°♎06'06	0°21'39
min. Earth dist.	-1631 Oct 18 j 14:12	12°♎26'22	0.67565 AU
morning rise	-1631 Oct 24 j 04:38	5°♎51'28	
direct	-1631 Oct 28 j 10:50	4°♎11'38	
morning max el	-1631 Nov 06 j 07:35	9°♎24'50	21°36'32
greatest brilliancy	-1631 Nov 11 j 08:00	15°♎09'00	-0.4m
	-1631 Nov 22 j 04:19	0°♏	
desc. node	-1631 Nov 27 j 14:19	7°♏59'54	
morning set	-1631 Dec 07 j 21:52	23°♏54'24	
	-1631 Dec 11 j 17:05	0°♐	
max. Earth dist.	-1631 Dec 14 j 19:50	5°♐05'56	1.41849 AU
superior conj	-1631 Dec 22 j 08:19	17°♐51'01	-1°-57'-39
minimum elong	-1631 Dec 22 j 06:23	17°♐42'36	1°57'38
	-1631 Dec 29 j 04:25	0°♑	
evening rise	-1630 Jan 02 j 06:55	7°♑29'02	
asc. node	-1630 Jan 13 j 18:27	27°♑21'40	
	-1630 Jan 15 j 15:22	0°♒	
evening max el	-1630 Jan 18 j 17:54	3°♒37'01	18°10'09
retrograde	-1630 Jan 25 j 13:46	7°♒05'04	
evening set	-1630 Jan 28 j 04:13	6°♒35'24	
inferior conj	-1630 Feb 04 j 00:05	1°♒41'24	3°52'35
minimum elong	-1630 Feb 04 j 01:10	1°♒38'52	3°52'30
	-1630 Feb 05 j 19:40	30°℞♑	
min. Earth dist.	-1630 Feb 07 j 05:28	28°♑43'33	0.60680 AU
morning rise	-1630 Feb 10 j 19:19	25°♑57'45	
direct	-1630 Feb 17 j 14:20	23°♑45'26	
desc. node	-1630 Feb 23 j 13:28	25°♑17'56	
	-1630 Mar 02 j 04:19	0°♒	
morning max el	-1630 Mar 03 j 18:50	1°♒30'45	27°32'16
	-1630 Mar 24 j 11:03	0°♓	
morning set	-1630 Apr 04 j 17:07	21°♓19'54	
	-1630 Apr 08 j 19:37	0°♈	
max. Earth dist.	-1630 Apr 11 j 01:30	4°♈52'17	1.32485 AU
superior conj	-1630 Apr 11 j 23:03	6°♈49'57	0°02'19
minimum elong	-1630 Apr 11 j 22:57	6°♈49'24	0°02'18
behind sun begin	-1630 Apr 11 j 17:57	6°♈22'04	
behind sun end	-1630 Apr 12 j 03:56	7°♈16'45	
asc. node	-1630 Apr 11 j 17:49	6°♈21'24	
evening rise	-1630 Apr 18 j 22:19	21°♈55'44	
	-1630 Apr 22 j 20:46	0°♉	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1630 May 11 j 16:00	0°♊	
evening max el	-1630 May 15 j 21:03	4°♊29'56	25°22'04
desc. node	-1630 May 22 j 12:40	9°♊34'20	
retrograde	-1630 May 29 j 22:05	11°♊40'14	
evening set	-1630 Jun 04 j 11:08	10°♊28'25	
min. Earth dist.	-1630 Jun 09 j 08:58	7°♊43'06	0.57961 AU
inferior conj	-1630 Jun 12 j 13:25	5°♊30'23	-4°-26'-29
minimum elong	-1630 Jun 12 j 10:37	5°♊35'17	4°26'14
morning rise	-1630 Jun 20 j 14:01	1°♊13'59	
direct	-1630 Jun 23 j 02:23	0°♊54'37	
morning max el	-1630 Jul 01 j 14:45	4°♊54'17	18°54'23
asc. node	-1630 Jul 08 j 17:08	14°♊00'25	
	-1630 Jul 17 j 12:34	0°♋	
morning set	-1630 Jul 18 j 04:14	1°♋16'40	
superior conj	-1630 Jul 26 j 18:01	18°♋00'49	1°47'56
minimum elong	-1630 Jul 26 j 18:30	18°♋03'11	1°47'57
	-1630 Aug 02 j 05:11	0°♌	
max. Earth dist.	-1630 Aug 02 j 13:57	0°♌39'18	1.38909 AU
evening rise	-1630 Aug 06 j 13:02	7°♌36'19	
desc. node	-1630 Aug 18 j 12:02	26°♌59'24	
	-1630 Aug 20 j 11:47	0°♍	
evening max el	-1630 Sep 11 j 00:26	27°♍54'03	24°24'45
	-1630 Sep 13 j 06:22	0°♎	
retrograde	-1630 Sep 22 j 06:33	4°♎29'39	
evening set	-1630 Sep 27 j 16:33	2°♎13'09	
	-1630 Sep 29 j 21:03	30°℞♍	
min. Earth dist.	-1630 Oct 02 j 09:51	26°♍47'15	0.67348 AU
inferior conj	-1630 Oct 03 j 02:40	25°♍50'48	0°-32'-21
minimum elong	-1630 Oct 03 j 03:27	25°♍48'10	0°32'02
asc. node	-1630 Oct 04 j 16:16	23°♍46'57	
morning rise	-1630 Oct 08 j 14:41	19°♍43'38	
direct	-1630 Oct 12 j 07:54	18°♍24'27	
morning max el	-1630 Oct 20 j 05:02	22°♍58'33	20°21'48
	-1630 Oct 26 j 02:46	0°♎	
greatest brilliancy	-1630 Oct 26 j 19:01	0°♎54'05	-0.6m
desc. node	-1630 Nov 14 j 11:23	28°♎25'29	
	-1630 Nov 15 j 11:55	0°♏	
morning set	-1630 Nov 16 j 20:30	2°♏05'55	
max. Earth dist.	-1630 Nov 27 j 04:11	18°♏21'37	1.43499 AU
superior conj	-1630 Dec 03 j 02:22	28°♏00'35	-1°-42'-27
minimum elong	-1630 Dec 02 j 20:05	27°♏34'39	1°42'02
	-1630 Dec 04 j 07:12	0°♐	
evening rise	-1630 Dec 15 j 18:05	19°♐33'21	
	-1630 Dec 21 j 18:24	0°♑	
asc. node	-1630 Dec 31 j 15:30	15°♑03'01	
evening max el	-1629 Jan 02 j 06:00	16°♑48'48	18°10'10
retrograde	-1629 Jan 08 j 18:46	20°♑16'22	
evening set	-1629 Jan 11 j 12:52	19°♑38'14	
inferior conj	-1629 Jan 17 j 21:18	14°♑23'12	3°53'34
minimum elong	-1629 Jan 17 j 20:13	14°♑26'02	3°53'29
min. Earth dist.	-1629 Jan 20 j 14:22	11°♑33'00	0.62657 AU
morning rise	-1629 Jan 24 j 01:35	8°♑26'33	
direct	-1629 Jan 31 j 02:07	5°♑47'35	
desc. node	-1629 Feb 10 j 10:32	10°♑23'20	
morning max el	-1629 Feb 14 j 00:29	13°♑36'58	27°45'10
	-1629 Feb 27 j 05:37	0°♒	
	-1629 Mar 16 j 21:36	0°♓	
morning set	-1629 Mar 19 j 19:12	5°♓44'42	
max. Earth dist.	-1629 Mar 25 j 10:15	17°♓28'21	1.32874 AU
superior conj	-1629 Mar 27 j 08:29	21°♓37'02	0°-23'-42
minimum elong	-1629 Mar 27 j 09:35	21°♓43'01	0°23'29
asc. node	-1629 Mar 29 j 14:53	26°♓31'54	
	-1629 Mar 31 j 05:17	0°♈	
evening rise	-1629 Apr 03 j 10:04	6°♈50'48	
	-1629 Apr 15 j 17:11	0°♉	
evening max el	-1629 Apr 27 j 12:10	15°♉13'17	23°51'55
desc. node	-1629 May 09 j 09:41	21°♉59'21	
retrograde	-1629 May 11 j 06:23	22°♉07'17	
evening set	-1629 May 15 j 09:46	21°♉29'17	
min. Earth dist.	-1629 May 21 j 23:15	18°♉22'05	0.56265 AU
inferior conj	-1629 May 24 j 07:23	16°♉56'21	-3°-41'-9
minimum elong	-1629 May 24 j 01:03	17°♉06'04	3°39'47
morning rise	-1629 Jun 01 j 20:08	12°♉56'54	
direct	-1629 Jun 04 j 10:09	12°♉39'46	
morning max el	-1629 Jun 14 j 09:53	17°♉17'04	19°54'21
	-1629 Jun 23 j 23:10	0°♊	
asc. node	-1629 Jun 25 j 14:12	2°♊49'47	
morning set	-1629 Jul 02 j 06:55	15°♊43'29	
	-1629 Jul 09 j 07:48	0°♋	
superior conj	-1629 Jul 10 j 05:02	1°♋46'12	1°45'38
minimum elong	-1629 Jul 10 j 03:47	1°♋39'58	1°45'36
max. Earth dist.	-1629 Jul 15 j 17:29	12°♋30'17	1.36991 AU
evening rise	-1629 Jul 19 j 15:51	19°♋46'51	
	-1629 Jul 25 j 12:07	0°♌	
desc. node	-1629 Aug 05 j 09:03	17°♌14'00	
	-1629 Aug 14 j 13:02	0°♍	
evening max el	-1629 Aug 24 j 11:28	11°♍27'59	25°38'28
retrograde	-1629 Sep 05 j 16:33	18°♍29'10	
evening set	-1629 Sep 11 j 17:23	15°♍56'29	
min. Earth dist.	-1629 Sep 16 j 02:15	11°♍06'49	0.66810 AU
inferior conj	-1629 Sep 17 j 06:06	9°♍37'29	-1°-27'-13
minimum elong	-1629 Sep 17 j 08:14	9°♍30'38	1°26'21
asc. node	-1629 Sep 21 j 13:21	4°♍44'08	
morning rise	-1629 Sep 22 j 23:47	3°♍38'56	
direct	-1629 Sep 26 j 06:11	2°♍37'15	
morning max el	-1629 Oct 03 j 09:48	6°♍40'59	19°20'23
greatest brilliancy	-1629 Oct 13 j 08:17	19°♍41'04	-0.7m
	-1629 Oct 20 j 03:13	0°♎	
morning set	-1629 Oct 26 j 22:58	10°♎35'56	
desc. node	-1629 Nov 01 j 08:24	19°♎01'09	
	-1629 Nov 08 j 08:20	0°♏	
max. Earth dist.	-1629 Nov 09 j 18:24	2°♏14'27	1.44574 AU
superior conj	-1629 Nov 12 j 17:57	6°♏58'04	-1°-9'-29
minimum elong	-1629 Nov 12 j 10:21	6°♏27'51	1°08'39
	-1629 Nov 26 j 22:22	0°♐	
evening rise	-1629 Nov 27 j 08:22	0°♐41'25	
	-1629 Dec 16 j 14:34	0°♑	
evening max el	-1629 Dec 16 j 18:21	0°♑09'47	18°28'59
asc. node	-1629 Dec 18 j 12:34	1°♑46'18	
retrograde	-1629 Dec 23 j 08:29	3°♑47'52	
evening set	-1629 Dec 26 j 07:12	2°♑59'58	
	-1629 Dec 29 j 23:47	30°℞♐	
inferior conj	-1628 Jan 01 j 06:58	27°♐26'00	3°36'29
minimum elong	-1628 Jan 01 j 04:33	27°♐33'03	3°36'04
min. Earth dist.	-1628 Jan 03 j 09:04	25°♐00'33	0.64360 AU
morning rise	-1628 Jan 07 j 00:33	21°♐20'44	
direct	-1628 Jan 13 j 21:27	18°♐29'59	
morning max el	-1628 Jan 27 j 09:22	26°♐16'01	27°22'29
desc. node	-1628 Jan 28 j 07:35	27°♐12'30	
	-1628 Jan 30 j 21:11	0°♑	
	-1628 Feb 20 j 18:40	0°♒	
morning set	-1628 Mar 02 j 13:08	19°♒40'46	
max. Earth dist.	-1628 Mar 07 j 10:56	29°♒34'32	1.33673 AU
	-1628 Mar 07 j 15:51	0°♓	
superior conj	-1628 Mar 10 j 14:03	6°♓08'01	0°-49'-40
minimum elong	-1628 Mar 10 j 16:20	6°♓20'09	0°49'15
asc. node	-1628 Mar 15 j 11:55	16°♓36'09	
evening rise	-1628 Mar 17 j 21:11	21°♓38'51	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1628 Mar	21 j 23:33	0°♈		evening rise	-1627 Mar	02 j 05:49	6°♓13'53	
evening max el	-1628 Apr	08 j 05:20	25°♈52'44	22°17'20	asc. node	-1627 Mar	02 j 08:56	6°♓29'54	
	-1628 Apr	13 j 13:30	0°♉			-1627 Mar	15 j 10:57	0°♈	
retrograde	-1628 Apr	21 j 02:16	2°♉10'51		evening max el	-1627 Mar	21 j 06:42	6°♈54'51	20°51'01
evening set	-1628 Apr	23 j 23:50	1°♉52'21		retrograde	-1627 Apr	01 j 15:14	12°♈22'02	
desc. node	-1628 Apr	25 j 06:42	1°♉32'55		evening set	-1627 Apr	03 j 22:01	12°♈09'41	
	-1628 Apr	29 j 03:41	30°℞♈		desc. node	-1627 Apr	12 j 03:45	8°♈45'13	
min. Earth dist.	-1628 May	02 j 12:43	28°♈11'26	0.55240 AU	inferior conj	-1627 Apr	13 j 02:58	8°♈12'14	0°-16'-26
inferior conj	-1628 May	03 j 08:23	27°♈43'37	-2°-12'-40	minimum elong	-1627 Apr	13 j 02:11	8°♈13'20	0°16'09
minimum elong	-1628 May	03 j 02:39	27°♈51'44	2°10'51	min. Earth dist.	-1627 Apr	14 j 02:19	7°♈38'56	0.55128 AU
morning rise	-1628 May	12 j 07:18	23°♈48'07		morning rise	-1627 Apr	22 j 05:12	4°♈03'00	
direct	-1628 May	15 j 02:09	23°♈30'30		direct	-1627 Apr	25 j 13:33	3°♈38'42	
morning max el	-1628 May	26 j 18:04	28°♈58'11	21°13'56	morning max el	-1627 May	08 j 15:55	9°♈58'26	22°48'35
	-1628 May	27 j 19:34	0°♉			-1627 May	23 j 04:39	0°♉	
asc. node	-1628 Jun	11 j 11:15	22°♉09'05		asc. node	-1627 May	29 j 08:16	11°♉50'07	
	-1628 Jun	15 j 09:17	0°♊		morning set	-1627 May	31 j 01:27	15°♉22'55	
morning set	-1628 Jun	15 j 14:41	0°♊27'44			-1627 Jun	06 j 22:21	0°♊	
superior conj	-1628 Jun	23 j 02:17	16°♊03'49	1°36'18	superior conj	-1627 Jun	07 j 06:27	0°♊43'04	1°21'37
minimum elong	-1628 Jun	23 j 00:02	15°♊52'12	1°36'08	minimum elong	-1627 Jun	07 j 03:52	0°♊29'24	1°21'18
max. Earth dist.	-1628 Jun	27 j 03:57	24°♊20'27	1.35341 AU	max. Earth dist.	-1627 Jun	10 j 00:19	6°♊30'02	1.34059 AU
	-1628 Jun	30 j 01:08	0°♋		evening rise	-1627 Jun	15 j 01:37	16°♊45'43	
evening rise	-1628 Jul	01 j 13:43	2°♋54'57			-1627 Jun	22 j 03:00	0°♋	
	-1628 Jul	17 j 10:12	0°♌		desc. node	-1627 Jul	09 j 03:03	26°♋28'00	
desc. node	-1628 Jul	22 j 06:02	7°♌06'53			-1627 Jul	11 j 20:57	0°♌	
evening max el	-1628 Aug	05 j 23:05	25°♌01'39	26°37'59	evening max el	-1627 Jul	19 j 10:45	8°♌24'28	27°15'34
	-1628 Aug	12 j 02:46	0°♍		retrograde	-1627 Aug	01 j 20:52	15°♌44'52	
retrograde	-1628 Aug	18 j 21:33	2°♍17'05		evening set	-1627 Aug	08 j 21:30	12°♌59'43	
	-1628 Aug	24 j 22:49	30°℞♌		min. Earth dist.	-1627 Aug	12 j 15:50	9°♌25'15	0.64681 AU
evening set	-1628 Aug	25 j 11:56	29°♌33'43		inferior conj	-1627 Aug	14 j 21:01	6°♌59'00	-3°-10'-47
min. Earth dist.	-1628 Aug	29 j 13:03	25°♌21'58	0.65928 AU	minimum elong	-1627 Aug	15 j 01:14	6°♌47'23	3°09'32
inferior conj	-1628 Aug	31 j 04:59	23°♌22'04	-2°-20'-48	morning rise	-1627 Aug	21 j 06:34	1°♌27'27	
minimum elong	-1628 Aug	31 j 08:22	23°♌11'56	2°19'34	direct	-1627 Aug	23 j 22:39	0°♌49'58	
morning rise	-1628 Sep	06 j 05:54	17°♌35'16		asc. node	-1627 Aug	25 j 07:28	0°♌59'51	
asc. node	-1628 Sep	07 j 10:25	17°♌04'14		morning max el	-1627 Aug	30 j 10:56	4°♌19'14	18°05'41
direct	-1628 Sep	09 j 03:53	16°♌47'23			-1627 Sep	16 j 11:14	0°♍	
morning max el	-1628 Sep	15 j 20:34	20°♌29'43	18°34'36	morning set	-1627 Sep	17 j 07:22	1°♍24'34	
	-1628 Sep	23 j 04:36	0°♍						
morning set	-1628 Oct	06 j 01:06	20°♍19'16		superior conj	-1627 Oct	01 j 01:38	24°♍03'30	0°26'03
	-1628 Oct	12 j 02:11	0°♎		minimum elong	-1627 Oct	01 j 04:41	24°♍15'44	0°25'38
desc. node	-1628 Oct	18 j 05:25	9°♎43'45			-1627 Oct	04 j 19:00	0°♎	
					desc. node	-1627 Oct	05 j 02:26	0°♎29'28	
superior conj	-1628 Oct	21 j 18:28	15°♎18'52	0°-22'-47	max. Earth dist.	-1627 Oct	05 j 06:48	0°♎46'48	1.44597 AU
minimum elong	-1628 Oct	21 j 15:27	15°♎06'59	0°22'25	evening rise	-1627 Oct	17 j 14:50	20°♎03'17	
max. Earth dist.	-1628 Oct	22 j 12:20	16°♎29'10	1.44955 AU		-1627 Oct	24 j 01:54	0°♏	
	-1628 Oct	31 j 02:27	0°♏		greatest brilliancy	-1627 Nov	05 j 04:09	17°♏59'01	-0.6m
evening rise	-1628 Nov	06 j 22:39	10°♏49'09		evening max el	-1627 Nov	12 j 10:24	27°♏03'14	19°57'36
	-1628 Nov	19 j 02:44	0°♐			-1627 Nov	15 j 20:06	0°♐	
evening max el	-1628 Nov	29 j 04:32	13°♐35'47	19°05'20	retrograde	-1627 Nov	20 j 00:32	1°♐29'36	
asc. node	-1628 Dec	04 j 09:36	17°♐16'59		asc. node	-1627 Nov	21 j 06:38	1°♐20'34	
retrograde	-1628 Dec	06 j 03:20	17°♐33'50		evening set	-1627 Nov	23 j 13:32	0°♐16'23	
evening set	-1628 Dec	09 j 08:14	16°♐34'21			-1627 Nov	23 j 22:34	30°℞♏	
inferior conj	-1628 Dec	15 j 01:40	10°♐43'57	3°06'42	inferior conj	-1627 Nov	29 j 02:32	24°♏12'30	2°27'50
minimum elong	-1628 Dec	14 j 22:44	10°♐53'09	3°05'56	minimum elong	-1627 Nov	28 j 23:45	24°♏21'45	2°26'54
min. Earth dist.	-1628 Dec	16 j 12:58	8°♐52'58	0.65702 AU	min. Earth dist.	-1627 Nov	30 j 00:29	22°♏59'37	0.66662 AU
morning rise	-1628 Dec	20 j 12:19	4°♐32'53		morning rise	-1627 Dec	04 j 09:22	17°♏57'50	
direct	-1628 Dec	26 j 23:07	1°♐44'51		direct	-1627 Dec	10 j 06:14	15°♏23'22	
morning max el	-1627 Jan	08 j 18:53	9°♐16'13	26°29'59	morning max el	-1627 Dec	22 j 03:40	22°♏27'04	25°16'17
desc. node	-1627 Jan	14 j 04:39	15°♐15'42			-1627 Dec	28 j 19:25	0°♐	
	-1627 Jan	25 j 03:28	0°♑		desc. node	-1626 Jan	01 j 01:42	4°♐11'06	
	-1627 Feb	12 j 05:26	0°♒			-1626 Jan	18 j 10:45	0°♑	
morning set	-1627 Feb	13 j 19:15	2°♒56'39		morning set	-1626 Jan	27 j 08:39	15°♑18'05	
max. Earth dist.	-1627 Feb	18 j 00:29	11°♒05'30	1.34921 AU	max. Earth dist.	-1626 Jan	31 j 02:56	22°♑12'36	1.36603 AU
						-1626 Feb	04 j 04:46	0°♒	
superior conj	-1627 Feb	22 j 13:33	20°♒16'02	-1°-14'-19					
minimum elong	-1627 Feb	22 j 16:47	20°♒32'37	1°13'50	superior conj	-1626 Feb	06 j 04:09	3°♒52'41	-1°-35'-53
	-1627 Feb	27 j 05:54	0°♓		minimum elong	-1626 Feb	06 j 07:42	4°♒10'19	1°35'31

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1626 Feb 14 j 09:55	20°♒29'32	
asc. node	-1626 Feb 17 j 05:57	26°♒08'10	
	-1626 Feb 19 j 06:07	0°♓	
evening max el	-1626 Mar 03 j 18:53	18°♓32'58	19°40'46
retrograde	-1626 Mar 13 j 10:28	23°♓09'35	
evening set	-1626 Mar 15 j 15:23	22°♓56'13	
inferior conj	-1626 Mar 24 j 05:37	18°♓52'40	1°34'58
minimum elong	-1626 Mar 24 j 09:20	18°♓46'47	1°33'46
min. Earth dist.	-1626 Mar 26 j 16:37	17°♓20'03	0.55945 AU
desc. node	-1626 Mar 30 j 00:47	15°♓27'30	
morning rise	-1626 Apr 01 j 23:56	14°♓14'47	
direct	-1626 Apr 06 j 08:03	13°♓32'46	
morning max el	-1626 Apr 20 j 07:38	20°♓34'01	24°28'44
	-1626 Apr 28 j 09:02	0°♈	
	-1626 May 15 j 09:01	0°♉	
morning set	-1626 May 15 j 13:30	0°♉23'33	
asc. node	-1626 May 16 j 05:18	1°♉46'52	
superior conj	-1626 May 22 j 15:06	15°♉36'25	1°02'51
minimum elong	-1626 May 22 j 12:45	15°♉23'41	1°02'29
max. Earth dist.	-1626 May 24 j 05:32	19°♉03'52	1.33158 AU
	-1626 May 29 j 10:21	0°♊	
evening rise	-1626 May 29 j 23:32	1°♊07'08	
	-1626 Jun 15 j 02:05	0°♋	
desc. node	-1626 Jun 26 j 00:03	15°♋04'00	
evening max el	-1626 Jul 01 j 20:35	21°♋23'43	27°24'38
retrograde	-1626 Jul 15 j 14:08	28°♋44'10	
evening set	-1626 Jul 22 j 18:45	26°♋09'14	
min. Earth dist.	-1626 Jul 26 j 08:51	23°♋06'49	0.63071 AU
inferior conj	-1626 Jul 29 j 03:29	20°♋22'26	-3°-53'-46
minimum elong	-1626 Jul 29 j 07:43	20°♋11'57	3°52'52
morning rise	-1626 Aug 04 j 22:54	15°♋09'35	
direct	-1626 Aug 07 j 11:24	14°♋39'37	
asc. node	-1626 Aug 12 j 04:32	16°♋25'27	
morning max el	-1626 Aug 14 j 02:17	18°♋04'16	17°54'31
	-1626 Aug 22 j 16:45	0°♌	
morning set	-1626 Aug 30 j 13:31	13°♌38'06	
	-1626 Sep 08 j 23:42	0°♍	
superior conj	-1626 Sep 11 j 08:41	4°♍00'03	1°05'48
minimum elong	-1626 Sep 11 j 14:01	4°♍22'22	1°05'11
max. Earth dist.	-1626 Sep 17 j 22:27	14°♍47'55	1.43551 AU
desc. node	-1626 Sep 21 j 23:27	21°♍15'18	
evening rise	-1626 Sep 26 j 20:35	28°♍53'41	
	-1626 Sep 27 j 13:44	0°♎	
	-1626 Oct 17 j 21:27	0°♏	
greatest brilliancy	-1626 Oct 20 j 23:58	4°♏07'40	-0.5m
evening max el	-1626 Oct 26 j 10:33	10°♏30'28	21°03'18
retrograde	-1626 Nov 03 j 21:51	15°♏31'57	
evening set	-1626 Nov 07 j 21:01	14°♏02'47	
asc. node	-1626 Nov 08 j 03:42	13°♏49'45	
inferior conj	-1626 Nov 13 j 07:17	7°♏48'50	1°42'23
minimum elong	-1626 Nov 13 j 05:08	7°♏56'15	1°41'32
min. Earth dist.	-1626 Nov 13 j 17:26	7°♏14'02	0.67263 AU
morning rise	-1626 Nov 18 j 12:52	1°♏32'44	
	-1626 Nov 20 j 19:24	30°℞♎	
direct	-1626 Nov 23 j 18:20	29°♎18'07	
	-1626 Nov 26 j 22:38	0°♏	
morning max el	-1626 Dec 04 j 12:25	5°♏42'46	23°51'08
desc. node	-1626 Dec 18 j 22:45	23°♏43'25	
	-1626 Dec 23 j 07:13	0°♐	
morning set	-1625 Jan 08 j 23:11	26°♐28'08	
	-1625 Jan 11 j 00:20	0°♑	
max. Earth dist.	-1625 Jan 12 j 22:50	3°♑24'16	1.38611 AU
superior conj	-1625 Jan 20 j 06:03	16°♑47'05	-1°-51'-56
minimum elong	-1625 Jan 20 j 08:50	17°♑00'14	1°51'48
	-1625 Jan 27 j 02:14	0°♒	
evening rise	-1625 Jan 29 j 06:57	4°♒18'04	
asc. node	-1625 Feb 04 j 03:00	15°♒24'24	
	-1625 Feb 13 j 22:41	0°♓	
evening max el	-1625 Feb 14 j 17:12	0°♓46'28	18°49'48
retrograde	-1625 Feb 22 j 21:56	4°♓44'11	
evening set	-1625 Feb 25 j 06:09	4°♓26'03	
inferior conj	-1625 Mar 05 j 02:26	0°♓05'54	2°56'04
minimum elong	-1625 Mar 05 j 06:54	29°♒57'42	2°55'01
	-1625 Mar 05 j 05:39	30°℞♒	
min. Earth dist.	-1625 Mar 08 j 08:57	27°♒43'24	0.57505 AU
morning rise	-1625 Mar 13 j 03:38	24°♒56'24	
desc. node	-1625 Mar 16 j 21:51	23°♒50'21	
direct	-1625 Mar 18 j 15:44	23°♒42'52	
	-1625 Mar 31 j 16:55	0°♓	
morning max el	-1625 Apr 01 j 23:12	1°♓10'41	26°00'10
	-1625 Apr 22 j 06:11	0°♈	
morning set	-1625 Apr 30 j 01:10	15°♈22'46	
asc. node	-1625 May 03 j 02:21	21°♈53'14	
	-1625 May 06 j 19:37	0°♉	
superior conj	-1625 May 07 j 02:12	0°♉36'03	0°41'00
minimum elong	-1625 May 07 j 00:29	0°♉26'43	0°40'41
max. Earth dist.	-1625 May 07 j 16:28	1°♉54'04	1.32618 AU
evening rise	-1625 May 14 j 04:15	15°♉48'17	
	-1625 May 21 j 09:42	0°♊	
	-1625 Jun 10 j 10:42	0°♋	
desc. node	-1625 Jun 12 j 21:04	2°♋35'39	
evening max el	-1625 Jun 14 j 01:57	3°♋46'36	27°01'23
retrograde	-1625 Jun 28 j 00:40	11°♋05'28	
evening set	-1625 Jul 04 j 23:33	8°♋55'00	
min. Earth dist.	-1625 Jul 08 j 15:45	6°♋12'38	0.61153 AU
inferior conj	-1625 Jul 11 j 21:06	3°♋24'28	-4°-24'-25
minimum elong	-1625 Jul 11 j 23:57	3°♋18'14	4°24'06
	-1625 Jul 16 j 05:02	30°℞♊	
morning rise	-1625 Jul 19 j 03:20	28°♊33'06	
direct	-1625 Jul 21 j 14:25	28°♊08'27	
	-1625 Jul 26 j 17:30	0°♋	
morning max el	-1625 Jul 28 j 15:46	1°♋37'52	18°02'05
asc. node	-1625 Jul 30 j 01:36	3°♋06'48	
morning set	-1625 Aug 13 j 13:47	26°♋43'52	
	-1625 Aug 15 j 08:16	0°♌	
superior conj	-1625 Aug 23 j 19:14	15°♌18'21	1°31'59
minimum elong	-1625 Aug 23 j 23:23	15°♌36'38	1°31'40
max. Earth dist.	-1625 Aug 31 j 08:29	28°♌14'22	1.41961 AU
	-1625 Sep 01 j 09:59	0°♍	
evening rise	-1625 Sep 06 j 10:34	8°♍09'02	
desc. node	-1625 Sep 08 j 20:29	11°♍58'05	
	-1625 Sep 20 j 18:32	0°♎	
greatest brilliancy	-1625 Oct 04 j 11:07	18°♎37'57	-0.3m
evening max el	-1625 Oct 09 j 04:48	23°♎58'01	22°18'53
retrograde	-1625 Oct 18 j 17:31	29°♎38'10	
evening set	-1625 Oct 23 j 04:53	27°♎51'15	
asc. node	-1625 Oct 26 j 00:45	24°♎55'07	
inferior conj	-1625 Oct 28 j 13:57	21°♎31'00	0°52'16
minimum elong	-1625 Oct 28 j 12:46	21°♎35'07	0°51'45
min. Earth dist.	-1625 Oct 28 j 13:28	21°♎32'43	0.67536 AU
morning rise	-1625 Nov 02 j 20:29	15°♎15'59	
direct	-1625 Nov 07 j 10:48	13°♎23'29	
morning max el	-1625 Nov 16 j 23:43	19°♎03'05	22°24'11
greatest brilliancy	-1625 Nov 21 j 15:36	24°♎17'34	-0.3m
	-1625 Nov 26 j 02:37	0°♏	
desc. node	-1625 Dec 05 j 19:49	13°♏42'17	
	-1625 Dec 16 j 11:54	0°♐	
morning set	-1625 Dec 20 j 09:27	6°♐14'49	
max. Earth dist.	-1625 Dec 25 j 19:35	15°♐13'42	1.40710 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1624 Jan 02 j 14:31	28°♐47'35	-1°-59'-8
minimum elong	-1624 Jan 02 j 14:50	28°♐49'00	1°59'11
	-1624 Jan 03 j 06:37	0°♑	
evening rise	-1624 Jan 12 j 17:53	17°♑32'26	
	-1624 Jan 19 j 12:38	0°♒	
asc. node	-1624 Jan 22 j 00:03	4°♒11'24	
evening max el	-1624 Jan 28 j 23:14	13°♒29'23	18°18'54
retrograde	-1624 Feb 05 j 03:53	17°♒03'45	
evening set	-1624 Feb 07 j 16:07	16°♒38'43	
inferior conj	-1624 Feb 14 j 20:04	11°♒57'39	3°40'56
minimum elong	-1624 Feb 14 j 22:36	11°♒52'13	3°40'37
min. Earth dist.	-1624 Feb 18 j 05:36	9°♒05'17	0.59490 AU
morning rise	-1624 Feb 22 j 01:39	6°♒23'59	
direct	-1624 Feb 28 j 12:31	4°♒31'45	
desc. node	-1624 Mar 02 j 18:56	4°♒59'25	
morning max el	-1624 Mar 13 j 19:19	12°♒13'27	27°07'58
	-1624 Mar 27 j 18:50	0°♓	
morning set	-1624 Apr 13 j 10:41	0°♈14'14	
	-1624 Apr 13 j 07:57	0°♈	
asc. node	-1624 Apr 18 j 23:24	12°♈04'38	
max. Earth dist.	-1624 Apr 20 j 05:27	14°♈49'03	1.32431 AU
superior conj	-1624 Apr 20 j 13:58	15°♈35'45	0°16'54
minimum elong	-1624 Apr 20 j 13:13	15°♈31'37	0°16'45
	-1624 Apr 27 j 05:33	0°♉	
evening rise	-1624 Apr 27 j 13:17	0°♉40'42	
	-1624 May 13 j 15:38	0°♊	
evening max el	-1624 May 26 j 01:07	15°♊26'18	26°06'05
desc. node	-1624 May 29 j 18:06	18°♊36'11	
retrograde	-1624 Jun 09 j 02:51	22°♊41'20	
evening set	-1624 Jun 15 j 07:32	21°♊07'12	
min. Earth dist.	-1624 Jun 19 j 13:57	18°♊27'40	0.59096 AU
inferior conj	-1624 Jun 22 j 22:17	15°♊55'54	-4°-34'-28
minimum elong	-1624 Jun 22 j 21:56	15°♊56'34	4°34'27
morning rise	-1624 Jun 30 j 16:00	11°♊26'57	
direct	-1624 Jul 03 j 03:25	11°♊06'03	
morning max el	-1624 Jul 11 j 00:21	14°♊51'21	18°29'21
asc. node	-1624 Jul 15 j 22:41	20°♊48'25	
	-1624 Jul 21 j 13:09	0°♋	
morning set	-1624 Jul 27 j 03:10	10°♋28'39	
superior conj	-1624 Aug 05 j 04:58	27°♋45'55	1°45'16
minimum elong	-1624 Aug 05 j 06:46	27°♋54'14	1°45'13
	-1624 Aug 06 j 10:01	0°♌	
max. Earth dist.	-1624 Aug 12 j 12:58	10°♌56'58	1.40052 AU
evening rise	-1624 Aug 16 j 22:46	18°♌27'31	
	-1624 Aug 24 j 02:01	0°♍	
desc. node	-1624 Aug 25 j 17:29	2°♍33'39	
	-1624 Sep 14 j 04:21	0°♎	
evening max el	-1624 Sep 20 j 18:32	7°♎27'29	23°39'12
retrograde	-1624 Oct 01 j 10:04	13°♎44'31	
evening set	-1624 Oct 06 j 11:24	11°♎38'56	
inferior conj	-1624 Oct 11 j 20:43	5°♎16'18	0°00'-57
minimum elong	-1624 Oct 11 j 20:44	5°♎16'14	0°00'57
transit middle	-1624 Oct 11 j 20:44	5°♎16'14	0°00'57
transit begin	-1624 Oct 11 j 18:02	5°♎25'29	
transit end	-1624 Oct 11 j 23:27	5°♎06'59	
min. Earth dist.	-1624 Oct 11 j 09:59	5°♎52'57	0.67503 AU
asc. node	-1624 Oct 11 j 21:50	5°♎12'30	
	-1624 Oct 16 j 04:37	30°℞♍	
morning rise	-1624 Oct 17 j 06:11	29°♍05'14	
direct	-1624 Oct 21 j 06:38	27°♍34'23	
	-1624 Oct 26 j 22:19	0°♎	
morning max el	-1624 Oct 29 j 16:42	2°♎30'21	21°03'17
greatest brilliancy	-1624 Nov 04 j 06:21	8°♎59'52	-0.5m
	-1624 Nov 19 j 01:23	0°♏	
desc. node	-1624 Nov 21 j 16:52	3°♏59'30	
morning set	-1624 Nov 28 j 16:47	14°♏46'33	
max. Earth dist.	-1624 Dec 06 j 22:59	27°♏57'41	1.42608 AU
	-1624 Dec 08 j 04:53	0°♐	
superior conj	-1624 Dec 13 j 23:54	9°♐40'26	-1°-53'-19
minimum elong	-1624 Dec 13 j 20:03	9°♐24'07	1°53'12
evening rise	-1624 Dec 25 j 14:52	0°♑04'00	
	-1624 Dec 25 j 13:58	0°♑	
asc. node	-1623 Jan 07 j 21:05	22°♑19'50	
evening max el	-1623 Jan 11 j 10:00	26°♑33'01	18°07'51
retrograde	-1623 Jan 18 j 01:34	29°♑59'01	
evening set	-1623 Jan 20 j 17:36	29°♑25'49	
inferior conj	-1623 Jan 27 j 08:15	24°♑22'58	3°55'34
minimum elong	-1623 Jan 27 j 08:20	24°♑22'46	3°55'33
min. Earth dist.	-1623 Jan 30 j 09:10	21°♑25'40	0.61551 AU
morning rise	-1623 Feb 02 j 20:38	18°♑33'21	
direct	-1623 Feb 09 j 19:30	16°♑07'44	
desc. node	-1623 Feb 17 j 16:00	18°♑48'08	
morning max el	-1623 Feb 23 j 21:31	23°♑55'25	27°42'11
	-1623 Mar 01 j 09:35	0°♒	
	-1623 Mar 21 j 00:15	0°♓	
morning set	-1623 Mar 28 j 16:09	14°♓51'13	
max. Earth dist.	-1623 Apr 03 j 16:52	27°♓36'19	1.32602 AU
	-1623 Apr 04 j 19:20	0°♈	
superior conj	-1623 Apr 05 j 00:46	0°♈29'37	0°-8'-39
minimum elong	-1623 Apr 05 j 01:10	0°♈31'47	0°08'35
behind sun begin	-1623 Apr 04 j 20:51	0°♈08'18	
behind sun end	-1623 Apr 05 j 05:28	0°♈55'16	
asc. node	-1623 Apr 05 j 20:27	2°♈16'56	
evening rise	-1623 Apr 12 j 00:36	15°♈37'19	
	-1623 Apr 19 j 05:38	0°♉	
evening max el	-1623 May 07 j 18:27	26°♉26'54	24°45'18
	-1623 May 12 j 00:45	0°♊	
desc. node	-1623 May 16 j 15:07	2°♊31'20	
retrograde	-1623 May 21 j 18:03	3°♊31'37	
evening set	-1623 May 26 j 17:03	2°♊35'51	
	-1623 May 31 j 19:12	30°℞♉	
min. Earth dist.	-1623 Jun 01 j 06:15	29°♉42'37	0.57178 AU
inferior conj	-1623 Jun 04 j 04:01	27°♉48'18	-4°-12'-35
minimum elong	-1623 Jun 03 j 23:26	27°♉55'51	4°11'56
morning rise	-1623 Jun 12 j 09:45	23°♉39'45	
direct	-1623 Jun 14 j 22:41	23°♉21'27	
morning max el	-1623 Jun 24 j 01:05	27°♉35'43	19°17'17
	-1623 Jun 26 j 08:17	0°♊	
asc. node	-1623 Jul 02 j 19:45	9°♊16'58	
morning set	-1623 Jul 11 j 01:55	24°♊43'19	
	-1623 Jul 13 j 17:24	0°♋	
superior conj	-1623 Jul 19 j 08:17	11°♋07'38	1°47'56
minimum elong	-1623 Jul 19 j 07:57	11°♋06'01	1°47'57
max. Earth dist.	-1623 Jul 25 j 15:42	23°♋03'39	1.38075 AU
evening rise	-1623 Jul 29 j 12:29	29°♋59'59	
	-1623 Jul 29 j 12:29	0°♌	
desc. node	-1623 Aug 12 j 14:29	22°♌57'53	
	-1623 Aug 17 j 09:17	0°♍	
evening max el	-1623 Sep 03 j 06:08	21°♍00'59	24°57'24
retrograde	-1623 Sep 14 j 22:30	27°♍48'06	
evening set	-1623 Sep 20 j 14:49	25°♍24'31	
min. Earth dist.	-1623 Sep 25 j 04:34	20°♍13'39	0.67164 AU
inferior conj	-1623 Sep 26 j 01:53	19°♍03'20	0°-55'-39
minimum elong	-1623 Sep 26 j 03:15	18°♍58'50	0°55'05
asc. node	-1623 Sep 28 j 18:55	15°♍39'22	
morning rise	-1623 Oct 01 j 16:05	12°♍59'20	
direct	-1623 Oct 05 j 04:32	11°♍47'48	
morning max el	-1623 Oct 12 j 17:13	16°♍07'33	19°53'49
greatest brilliancy	-1623 Oct 20 j 08:04	25°♍34'50	-0.6m

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1623 Oct 23 j 10:23	0°♎	
morning set	-1623 Nov 07 j 13:48	22°♎56'35	
desc. node	-1623 Nov 08 j 13:53	24°♎29'47	
	-1623 Nov 12 j 02:46	0°♏	
max. Earth dist.	-1623 Nov 19 j 10:19	11°♏31'56	1.44042 AU
superior conj	-1623 Nov 24 j 06:11	19°♏17'32	-1°-30'-37
minimum elong	-1623 Nov 23 j 22:40	18°♏47'08	1°29'57
	-1623 Nov 30 j 18:32	0°♐	
evening rise	-1623 Dec 07 j 17:34	11°♐44'54	
	-1623 Dec 18 j 14:56	0°♑	
asc. node	-1623 Dec 25 j 18:08	9°♑38'14	
evening max el	-1623 Dec 25 j 22:33	9°♑49'33	18°15'59
retrograde	-1622 Jan 01 j 10:44	13°♑20'00	
evening set	-1622 Jan 04 j 06:46	12°♑37'43	
inferior conj	-1622 Jan 10 j 11:11	7°♑14'14	3°48'09
minimum elong	-1622 Jan 10 j 09:25	7°♑19'04	3°47'57
min. Earth dist.	-1622 Jan 12 j 21:55	4°♑33'13	0.63426 AU
morning rise	-1622 Jan 16 j 10:27	1°♑13'47	
	-1622 Jan 18 j 05:02	30°℞♐	
direct	-1622 Jan 23 j 10:30	28°♐28'08	
	-1622 Jan 29 j 02:07	0°♑	
desc. node	-1622 Feb 04 j 13:04	4°♑41'47	
morning max el	-1622 Feb 06 j 04:42	6°♑16'15	27°39'41
	-1622 Feb 24 j 07:36	0°♒	
morning set	-1622 Mar 12 j 15:07	29°♒04'57	
	-1622 Mar 13 j 02:07	0°♓	
max. Earth dist.	-1622 Mar 17 j 22:45	10°♓01'43	1.33164 AU
superior conj	-1622 Mar 20 j 08:47	15°♓10'48	0°-34'-46
minimum elong	-1622 Mar 20 j 10:24	15°♓19'30	0°34'28
asc. node	-1622 Mar 23 j 17:28	22°♓25'28	
	-1622 Mar 27 j 06:30	0°♈	
evening rise	-1622 Mar 27 j 12:19	0°♈30'38	
	-1622 Apr 13 j 05:43	0°♉	
evening max el	-1622 Apr 19 j 09:40	7°♉05'23	23°11'23
retrograde	-1622 May 02 j 20:24	13°♉46'01	
desc. node	-1622 May 03 j 12:10	13°♉45'02	
evening set	-1622 May 06 j 10:05	13°♉18'07	
min. Earth dist.	-1622 May 13 j 19:40	9°♉58'28	0.55734 AU
inferior conj	-1622 May 15 j 13:58	8°♉56'37	-3°-8'-34
minimum elong	-1622 May 15 j 07:13	9°♉06'31	3°06'47
morning rise	-1622 May 24 j 07:31	5°♉00'59	
direct	-1622 May 26 j 23:13	4°♉43'58	
morning max el	-1622 Jun 06 j 15:33	9°♉41'05	20°25'55
asc. node	-1622 Jun 19 j 16:47	28°♉20'17	
	-1622 Jun 20 j 14:03	0°♊	
morning set	-1622 Jun 25 j 07:04	9°♊18'49	
superior conj	-1622 Jul 03 j 00:08	25°♊08'16	1°42'25
minimum elong	-1622 Jul 02 j 22:22	24°♊59'21	1°42'20
	-1622 Jul 05 j 10:15	0°♋	
max. Earth dist.	-1622 Jul 07 j 21:59	4°♋52'56	1.36255 AU
evening rise	-1622 Jul 12 j 00:03	12°♋36'46	
	-1622 Jul 22 j 00:18	0°♌	
desc. node	-1622 Jul 30 j 11:29	13°♌04'22	
	-1622 Aug 12 j 09:22	0°♍	
evening max el	-1622 Aug 16 j 17:22	4°♍35'42	26°05'54
retrograde	-1622 Aug 29 j 06:13	11°♍43'33	
evening set	-1622 Sep 04 j 13:14	9°♍05'23	
min. Earth dist.	-1622 Sep 08 j 18:45	4°♍31'57	0.66487 AU
inferior conj	-1622 Sep 10 j 03:36	2°♍49'19	-1°-50'-12
minimum elong	-1622 Sep 10 j 06:18	2°♍40'55	1°49'09
	-1622 Sep 12 j 12:04	30°℞♌	
asc. node	-1622 Sep 15 j 15:58	27°♌08'23	
morning rise	-1622 Sep 16 j 00:12	26°♌55'33	
direct	-1622 Sep 19 j 02:47	26°♌00'07	
morning max el	-1622 Sep 26 j 00:48	29°♌53'12	18°58'56
	-1622 Sep 26 j 03:28	0°♍	
	-1622 Oct 16 j 19:50	0°♎	
morning set	-1622 Oct 18 j 00:51	1°♎54'20	
desc. node	-1622 Oct 26 j 10:54	15°♎08'54	
max. Earth dist.	-1622 Nov 02 j 03:00	25°♎38'19	1.44827 AU
superior conj	-1622 Nov 03 j 13:02	27°♎52'29	0°-50'-46
minimum elong	-1622 Nov 03 j 06:44	27°♎27'41	0°50'01
	-1622 Nov 04 j 21:19	0°♏	
evening rise	-1622 Nov 18 j 21:52	22°♏27'53	
	-1622 Nov 23 j 13:01	0°♐	
evening max el	-1622 Dec 09 j 10:12	23°♐13'04	18°42'22
asc. node	-1622 Dec 12 j 15:10	25°♐52'46	
retrograde	-1622 Dec 16 j 03:09	26°♐58'44	
evening set	-1622 Dec 19 j 04:18	26°♐06'03	
inferior conj	-1622 Dec 25 j 01:05	20°♐24'27	3°25'11
minimum elong	-1622 Dec 24 j 22:21	20°♐32'40	3°24'36
min. Earth dist.	-1622 Dec 26 j 20:38	18°♐13'09	0.64971 AU
morning rise	-1622 Dec 30 j 15:17	14°♐16'22	
direct	-1621 Jan 06 j 08:21	11°♐25'32	
morning max el	-1621 Jan 19 j 14:19	19°♐06'41	27°03'31
desc. node	-1621 Jan 22 j 10:06	22°♐05'51	
	-1621 Jan 28 j 21:33	0°♑	
	-1621 Feb 17 j 06:48	0°♒	
morning set	-1621 Feb 24 j 04:33	12°♒45'54	
max. Earth dist.	-1621 Feb 28 j 19:20	21°♒54'55	1.34149 AU
superior conj	-1621 Mar 04 j 12:04	29°♒33'06	-1°00'-22
minimum elong	-1621 Mar 04 j 14:48	29°♒47'25	0°59'54
	-1621 Mar 04 j 17:12	0°♓	
asc. node	-1621 Mar 10 j 14:30	12°♓26'11	
evening rise	-1621 Mar 11 j 22:38	15°♓14'26	
	-1621 Mar 19 j 11:10	0°♈	
evening max el	-1621 Apr 01 j 05:33	17°♈51'21	21°38'58
retrograde	-1621 Apr 13 j 12:25	23°♈49'29	
evening set	-1621 Apr 16 j 01:47	23°♈34'44	
desc. node	-1621 Apr 20 j 09:11	22°♈10'41	
inferior conj	-1621 Apr 25 j 10:31	19°♈32'27	-1°-25'-3
minimum elong	-1621 Apr 25 j 06:34	19°♈37'59	1°23'42
min. Earth dist.	-1621 Apr 25 j 08:53	19°♈34'44	0.55077 AU
morning rise	-1621 May 04 j 12:07	15°♈33'44	
direct	-1621 May 07 j 11:11	15°♈14'28	
morning max el	-1621 May 19 j 19:09	21°♈04'16	21°52'47
	-1621 May 27 j 07:14	0°♉	
asc. node	-1621 Jun 06 j 13:49	17°♉49'37	
morning set	-1621 Jun 09 j 16:20	24°♉08'32	
	-1621 Jun 12 j 11:24	0°♊	
superior conj	-1621 Jun 17 j 00:41	9°♊36'23	1°30'38
minimum elong	-1621 Jun 16 j 22:14	9°♊23'30	1°30'24
max. Earth dist.	-1621 Jun 20 j 12:28	16°♊49'15	1.34750 AU
evening rise	-1621 Jun 25 j 04:26	26°♊04'21	
	-1621 Jun 27 j 05:59	0°♋	
	-1621 Jul 15 j 09:35	0°♌	
desc. node	-1621 Jul 17 j 08:29	2°♌45'09	
evening max el	-1621 Jul 30 j 04:56	18°♌05'14	26°56'55
retrograde	-1621 Aug 12 j 08:55	25°♌24'05	
evening set	-1621 Aug 19 j 04:20	22°♌38'17	
min. Earth dist.	-1621 Aug 23 j 02:15	18°♌43'00	0.65447 AU
inferior conj	-1621 Aug 24 j 23:51	16°♌30'52	-2°-42'-37
minimum elong	-1621 Aug 25 j 03:39	16°♌19'50	2°41'21
morning rise	-1621 Aug 31 j 04:19	10°♌50'28	
direct	-1621 Sep 02 j 23:27	10°♌07'31	
asc. node	-1621 Sep 02 j 13:01	10°♌08'33	
morning max el	-1621 Sep 09 j 13:29	13°♌43'13	18°20'11
	-1621 Sep 21 j 03:28	0°♍	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning set	-1621 Sep 28 j 15:04	12°♍12'53	
	-1621 Oct 09 j 14:59	0°♎	
desc. node	-1621 Oct 13 j 07:53	5°♎53'00	
superior conj	-1621 Oct 13 j 13:34	6°♎15'30	0°-1'-32
minimum elong	-1621 Oct 13 j 13:21	6°♎14'39	0°01'32
behind sun begin	-1621 Oct 13 j 02:14	5°♎30'41	
behind sun end	-1621 Oct 14 j 00:28	6°♎58'36	
max. Earth dist.	-1621 Oct 15 j 21:26	9°♎55'59	1.44885 AU
	-1621 Oct 28 j 16:38	0°♏	
evening rise	-1621 Oct 30 j 02:00	2°♏10'33	
greatest brilliancy	-1621 Nov 13 j 17:21	24°♏47'28	-0.7m
	-1621 Nov 17 j 08:36	0°♐	
evening max el	-1621 Nov 22 j 18:39	6°♐39'15	19°25'45
retrograde	-1621 Nov 29 j 23:25	10°♐48'55	
asc. node	-1621 Nov 29 j 12:13	10°♐47'41	
evening set	-1621 Dec 03 j 07:25	9°♐43'59	
inferior conj	-1621 Dec 08 j 22:43	3°♐47'19	2°51'10
minimum elong	-1621 Dec 08 j 19:47	3°♐56'49	2°50'18
min. Earth dist.	-1621 Dec 10 j 04:09	2°♐12'15	0.66148 AU
	-1621 Dec 11 j 23:05	30°℞♏	
morning rise	-1621 Dec 14 j 07:22	27°♏34'10	
direct	-1621 Dec 20 j 12:25	24°♏50'52	
	-1621 Dec 30 j 15:41	0°♐	
morning max el	-1620 Jan 01 j 23:47	2°♐13'00	26°00'43
desc. node	-1620 Jan 09 j 07:09	10°♐33'17	
	-1620 Jan 23 j 01:19	0°♑	
morning set	-1620 Feb 07 j 04:14	25°♑40'28	
	-1620 Feb 09 j 11:37	0°♒	
max. Earth dist.	-1620 Feb 11 j 03:52	3°♒12'43	1.35581 AU
superior conj	-1620 Feb 16 j 08:07	13°♒28'19	-1°-23'-59
minimum elong	-1620 Feb 16 j 11:35	13°♒45'52	1°23'31
evening rise	-1620 Feb 24 j 05:35	29°♒41'31	
	-1620 Feb 24 j 09:12	0°♓	
asc. node	-1620 Feb 25 j 11:32	2°♓13'48	
evening max el	-1620 Mar 13 j 11:21	29°♓07'36	20°18'56
	-1620 Mar 14 j 10:15	0°♈	
retrograde	-1620 Mar 24 j 02:41	4°♈12'44	
evening set	-1620 Mar 26 j 07:15	4°♈00'43	
inferior conj	-1620 Apr 04 j 06:51	0°♈02'33	0°33'18
minimum elong	-1620 Apr 04 j 08:20	0°♈00'21	0°32'48
	-1620 Apr 04 j 08:34	30°℞♓	
min. Earth dist.	-1620 Apr 05 j 22:59	29°♓03'20	0.55363 AU
desc. node	-1620 Apr 06 j 06:14	28°♓52'47	
morning rise	-1620 Apr 13 j 07:04	25°♓41'55	
direct	-1620 Apr 17 j 00:12	25°♓11'49	
	-1620 Apr 28 j 11:07	0°♈	
morning max el	-1620 Apr 30 j 13:52	1°♈51'47	23°31'17
	-1620 May 19 j 16:06	0°♉	
asc. node	-1620 May 23 j 10:52	7°♉37'58	
morning set	-1620 May 24 j 03:51	9°♉06'38	
superior conj	-1620 May 31 j 07:04	24°♉22'48	1°14'06
minimum elong	-1620 May 31 j 04:32	24°♉09'12	1°13'45
max. Earth dist.	-1620 Jun 02 j 12:37	29°♉08'12	1.33626 AU
	-1620 Jun 02 j 22:26	0°♊	
evening rise	-1620 Jun 07 j 21:02	10°♊09'40	
	-1620 Jun 18 j 14:39	0°♋	
desc. node	-1620 Jul 03 j 05:30	21°♋49'19	
	-1620 Jul 10 j 07:43	0°♌	
evening max el	-1620 Jul 11 j 16:01	1°♌19'38	27°23'12
retrograde	-1620 Jul 25 j 06:04	8°♌41'20	
evening set	-1620 Aug 01 j 09:12	5°♌58'47	
min. Earth dist.	-1620 Aug 05 j 01:11	2°♌38'53	0.64033 AU
inferior conj	-1620 Aug 07 j 12:13	0°♌03'21	-3°-30'-10
minimum elong	-1620 Aug 07 j 16:35	29°♋51'50	3°29'01
	-1620 Aug 07 j 13:29	30°℞♋	
morning rise	-1620 Aug 14 j 01:51	24°♋39'25	
direct	-1620 Aug 16 j 15:59	24°♋05'37	
asc. node	-1620 Aug 19 j 10:05	24°♋44'06	
morning max el	-1620 Aug 23 j 04:42	27°♋32'14	17°58'41
	-1620 Aug 25 j 09:23	0°♌	
morning set	-1620 Sep 09 j 08:17	23°♌49'41	
	-1620 Sep 12 j 22:57	0°♍	
superior conj	-1620 Sep 22 j 05:45	15°♍28'06	0°44'26
minimum elong	-1620 Sep 22 j 10:19	15°♍46'44	0°43'51
max. Earth dist.	-1620 Sep 27 j 14:35	24°♍07'16	1.44226 AU
desc. node	-1620 Sep 29 j 04:55	26°♍39'37	
	-1620 Oct 01 j 07:42	0°♎	
evening rise	-1620 Oct 08 j 11:45	11°♎09'32	
	-1620 Oct 20 j 21:39	0°♏	
greatest brilliancy	-1620 Oct 29 j 13:55	12°♏25'15	-0.6m
evening max el	-1620 Nov 04 j 22:13	20°♏06'53	20°24'06
retrograde	-1620 Nov 12 j 20:53	24°♏47'42	
asc. node	-1620 Nov 15 j 09:16	24°♏11'20	
evening set	-1620 Nov 16 j 13:52	23°♏28'10	
inferior conj	-1620 Nov 22 j 01:32	17°♏19'44	2°09'14
minimum elong	-1620 Nov 21 j 22:58	17°♏28'25	2°08'18
min. Earth dist.	-1620 Nov 22 j 18:23	16°♏22'51	0.66962 AU
morning rise	-1620 Nov 27 j 07:31	11°♏03'59	
direct	-1620 Dec 02 j 21:58	8°♏37'08	
morning max el	-1620 Dec 14 j 08:13	15°♏25'48	24°40'43
desc. node	-1620 Dec 26 j 04:14	29°♏45'57	
	-1620 Dec 26 j 08:21	0°♐	
	-1619 Jan 14 j 23:27	0°♑	
morning set	-1619 Jan 19 j 08:39	7°♑33'11	
max. Earth dist.	-1619 Jan 23 j 02:04	14°♑14'19	1.37428 AU
superior conj	-1619 Jan 29 j 17:49	26°♑47'58	-1°-43'-34
minimum elong	-1619 Jan 29 j 21:13	27°♑04'29	1°43'17
	-1619 Jan 31 j 09:07	0°♒	
evening rise	-1619 Feb 07 j 06:58	13°♒45'44	
asc. node	-1619 Feb 11 j 08:34	21°♒43'06	
	-1619 Feb 15 j 22:55	0°♓	
evening max el	-1619 Feb 24 j 04:08	11°♓01'16	19°16'42
retrograde	-1619 Mar 05 j 03:35	15°♓19'01	
evening set	-1619 Mar 07 j 09:42	15°♓03'57	
inferior conj	-1619 Mar 15 j 16:22	10°♓54'38	2°13'52
minimum elong	-1619 Mar 15 j 20:53	10°♓47'04	2°12'33
min. Earth dist.	-1619 Mar 18 j 14:07	8°♓58'41	0.56534 AU
morning rise	-1619 Mar 24 j 04:08	6°♓02'50	
desc. node	-1619 Mar 24 j 03:18	6°♓03'35	
direct	-1619 Mar 29 j 00:31	5°♓08'34	
morning max el	-1619 Apr 12 j 04:34	12°♓23'21	25°09'38
	-1619 Apr 25 j 18:52	0°♈	
morning set	-1619 May 08 j 15:55	24°♈06'58	
asc. node	-1619 May 10 j 07:55	27°♈39'10	
	-1619 May 11 j 10:07	0°♉	
superior conj	-1619 May 15 j 16:58	9°♉19'27	0°53'56
minimum elong	-1619 May 15 j 14:51	9°♉07'54	0°53'33
max. Earth dist.	-1619 May 16 j 20:36	11°♉49'42	1.32882 AU
evening rise	-1619 May 22 j 22:11	24°♉40'42	
	-1619 May 25 j 13:38	0°♊	
	-1619 Jun 12 j 05:58	0°♋	
desc. node	-1619 Jun 20 j 02:32	10°♋00'58	
evening max el	-1619 Jun 24 j 00:27	14°♋05'35	27°18'57
retrograde	-1619 Jul 07 j 20:41	21°♋25'18	
evening set	-1619 Jul 15 j 00:02	18°♋59'27	
min. Earth dist.	-1619 Jul 18 j 14:06	16°♋07'03	0.62281 AU
inferior conj	-1619 Jul 21 j 13:42	13°♋19'08	-4°-8'-45
minimum elong	-1619 Jul 21 j 17:33	13°♋10'03	4°08'04

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1619 Jul 28 j 13:35	8°♋14'49	
direct	-1619 Jul 31 j 01:13	7°♋47'20	
asc. node	-1619 Aug 06 j 07:09	10°♋43'39	
morning max el	-1619 Aug 06 j 19:35	11°♋13'06	17°55'19
	-1619 Aug 19 j 08:22	0°♌	
morning set	-1619 Aug 22 j 22:52	6°♌27'34	
superior conj	-1619 Sep 03 j 00:40	25°♌59'39	1°18'36
minimum elong	-1619 Sep 03 j 05:47	26°♌21'32	1°18'05
	-1619 Sep 05 j 09:20	0°♍	
max. Earth dist.	-1619 Sep 10 j 04:02	7°♍55'22	1.42936 AU
desc. node	-1619 Sep 16 j 01:57	17°♍24'33	
evening rise	-1619 Sep 17 j 18:46	20°♍04'50	
	-1619 Sep 24 j 05:27	0°♎	
greatest brilliancy	-1619 Oct 13 j 20:44	27°♎52'29	-0.4m
	-1619 Oct 15 j 14:33	0°♏	
evening max el	-1619 Oct 18 j 19:57	3°♏34'39	21°34'33
retrograde	-1619 Oct 27 j 17:35	8°♏51'51	
evening set	-1619 Oct 31 j 21:44	7°♏15'24	
asc. node	-1619 Nov 02 j 06:20	6°♏02'03	
inferior conj	-1619 Nov 06 j 07:20	0°♏58'35	1°21'35
minimum elong	-1619 Nov 06 j 05:33	1°♏04'45	1°20'51
min. Earth dist.	-1619 Nov 06 j 12:54	0°♏39'22	0.67427 AU
	-1619 Nov 07 j 00:21	30°℞♎	
morning rise	-1619 Nov 11 j 13:04	24°♎42'44	
direct	-1619 Nov 16 j 12:08	22°♎37'14	
morning max el	-1619 Nov 26 j 17:27	28°♎42'23	23°13'44
	-1619 Nov 27 j 23:15	0°♏	
greatest brilliancy	-1619 Dec 01 j 20:24	4°♏27'50	-0.3m
desc. node	-1619 Dec 13 j 01:18	19°♏30'42	
	-1619 Dec 20 j 03:02	0°♐	
morning set	-1619 Dec 31 j 11:36	18°♐08'12	
max. Earth dist.	-1618 Jan 04 j 21:27	25°♐38'47	1.39514 AU
	-1618 Jan 07 j 09:02	0°♑	
superior conj	-1618 Jan 12 j 13:00	9°♑21'24	-1°-56'-18
minimum elong	-1618 Jan 12 j 14:58	9°♑30'30	1°56'17
evening rise	-1618 Jan 22 j 00:06	27°♑20'39	
	-1618 Jan 23 j 09:20	0°♒	
asc. node	-1618 Jan 29 j 05:37	10°♒47'51	
evening max el	-1618 Feb 07 j 06:09	23°♒28'36	18°34'12
retrograde	-1618 Feb 14 j 22:59	27°♒14'12	
evening set	-1618 Feb 17 j 09:08	26°♒53'09	
inferior conj	-1618 Feb 24 j 22:04	22°♒24'12	3°19'19
minimum elong	-1618 Feb 25 j 01:55	22°♒16'41	3°18'35
min. Earth dist.	-1618 Feb 28 j 07:40	19°♒46'18	0.58320 AU
morning rise	-1618 Mar 04 j 14:56	17°♒03'43	
direct	-1618 Mar 10 j 13:58	15°♒33'58	
desc. node	-1618 Mar 11 j 00:23	15°♒34'27	
morning max el	-1618 Mar 24 j 21:30	23°♒08'02	26°32'45
	-1618 Mar 31 j 00:58	0°♓	
	-1618 Apr 18 j 15:34	0°♈	
morning set	-1618 Apr 23 j 02:54	9°♈03'53	
asc. node	-1618 Apr 27 j 04:58	17°♈48'23	
superior conj	-1618 Apr 30 j 04:33	24°♈19'56	0°31'02
minimum elong	-1618 Apr 30 j 03:13	24°♈12'38	0°30'45
max. Earth dist.	-1618 Apr 30 j 09:05	24°♈44'44	1.32497 AU
	-1618 May 02 j 18:45	0°♉	
evening rise	-1618 May 07 j 05:03	9°♉28'03	
	-1618 May 17 j 22:19	0°♊	
evening max el	-1618 Jun 06 j 03:34	26°♊11'24	26°41'37
desc. node	-1618 Jun 06 j 23:32	26°♊57'57	
	-1618 Jun 10 j 17:48	0°♋	
retrograde	-1618 Jun 20 j 03:31	3°♋28'02	
evening set	-1618 Jun 26 j 20:25	1°♋32'04	
	-1618 Jun 29 j 05:31	30°℞♊	

min. Earth dist.	-1618 Jun 30 j 16:57	28°♊53'14	0.60288 AU
inferior conj	-1618 Jul 04 j 00:48	26°♊09'39	-4°-31'-51
minimum elong	-1618 Jul 04 j 02:31	26°♊06'08	4°31'43
morning rise	-1618 Jul 11 j 11:48	21°♊27'34	
direct	-1618 Jul 13 j 23:01	21°♊04'31	
morning max el	-1618 Jul 21 j 07:17	24°♊38'57	18°11'09
asc. node	-1618 Jul 24 j 04:14	27°♊52'19	
	-1618 Jul 25 j 18:04	0°♋	
morning set	-1618 Aug 06 j 05:16	19°♋51'31	
	-1618 Aug 11 j 15:11	0°♌	
superior conj	-1618 Aug 15 j 21:46	7°♌49'12	1°39'05
minimum elong	-1618 Aug 16 j 00:57	8°♌03'33	1°38'53
max. Earth dist.	-1618 Aug 23 j 12:08	21°♌05'48	1.41183 AU
evening rise	-1618 Aug 28 j 17:09	29°♌43'57	
	-1618 Aug 28 j 21:07	0°♍	
desc. node	-1618 Sep 02 j 22:57	8°♍04'34	
	-1618 Sep 17 j 18:46	0°♎	
greatest brilliancy	-1618 Sep 26 j 10:52	11°♎23'13	-0.3m
evening max el	-1618 Oct 01 j 12:06	17°♎02'44	22°52'48
retrograde	-1618 Oct 11 j 11:58	22°♎58'30	
evening set	-1618 Oct 16 j 05:14	21°♎03'28	
asc. node	-1618 Oct 20 j 03:24	16°♎40'40	
inferior conj	-1618 Oct 21 j 14:14	14°♎41'50	0°29'57
minimum elong	-1618 Oct 21 j 13:32	14°♎44'14	0°29'38
min. Earth dist.	-1618 Oct 21 j 09:19	14°♎58'47	0.67568 AU
morning rise	-1618 Oct 26 j 21:49	8°♎28'25	
direct	-1618 Oct 31 j 06:03	6°♎45'25	
morning max el	-1618 Nov 09 j 06:53	12°♎05'14	21°48'37
greatest brilliancy	-1618 Nov 14 j 03:49	17°♎37'33	-0.4m
	-1618 Nov 23 j 08:13	0°♏	
desc. node	-1618 Nov 29 j 22:20	9°♏37'56	
morning set	-1618 Dec 11 j 09:27	27°♏19'20	
	-1618 Dec 13 j 01:33	0°♐	
max. Earth dist.	-1618 Dec 17 j 21:15	7°♐53'15	1.41563 AU
superior conj	-1618 Dec 25 j 12:18	20°♐54'28	-1°-58'-31
minimum elong	-1618 Dec 25 j 11:00	20°♐48'46	1°58'33
	-1618 Dec 30 j 14:41	0°♑	
evening rise	-1617 Jan 05 j 05:37	10°♑17'57	
asc. node	-1617 Jan 16 j 02:40	29°♑19'34	
	-1617 Jan 16 j 13:24	0°♒	
evening max el	-1617 Jan 21 j 14:30	6°♒20'50	18°11'44
retrograde	-1617 Jan 28 j 12:21	9°♒50'13	
evening set	-1617 Jan 31 j 02:11	9°♒21'49	
inferior conj	-1617 Feb 07 j 00:02	4°♒31'05	3°50'21
minimum elong	-1617 Feb 07 j 01:30	4°♒27'44	3°50'14
min. Earth dist.	-1617 Feb 10 j 06:45	1°♒33'53	0.60373 AU
	-1617 Feb 12 j 05:04	30°℞♑	
morning rise	-1617 Feb 13 j 21:50	28°♑49'40	
direct	-1617 Feb 20 j 15:01	26°♑42'23	
desc. node	-1617 Feb 25 j 21:28	27°♑54'35	
	-1617 Mar 01 j 13:29	0°♒	
morning max el	-1617 Mar 06 j 20:21	4°♒27'02	27°27'08
	-1617 Mar 25 j 18:01	0°♓	
morning set	-1617 Apr 07 j 10:57	23°♓49'49	
	-1617 Apr 10 j 09:19	0°♈	
max. Earth dist.	-1617 Apr 13 j 22:00	7°♈38'24	1.32460 AU
asc. node	-1617 Apr 14 j 02:01	8°♈00'19	
superior conj	-1617 Apr 14 j 16:05	9°♈17'18	0°06'12
minimum elong	-1617 Apr 14 j 15:48	9°♈15'45	0°06'08
behind sun begin	-1617 Apr 14 j 11:08	8°♈50'14	
behind sun end	-1617 Apr 14 j 20:27	9°♈41'17	
evening rise	-1617 Apr 21 j 15:15	24°♈22'34	
	-1617 Apr 24 j 08:30	0°♉	
	-1617 May 12 j 07:23	0°♊	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1617 May 18 j 23:46	7°♊31'47	25°34'07
desc. node	-1617 May 24 j 20:34	12°♊09'21	
retrograde	-1617 Jun 02 j 01:09	14°♊43'49	
evening set	-1617 Jun 07 j 18:40	13°♊26'09	
min. Earth dist.	-1617 Jun 12 j 11:51	10°♊42'54	0.58246 AU
inferior conj	-1617 Jun 15 j 17:52	8°♊24'31	-4°-29'-48
minimum elong	-1617 Jun 15 j 15:43	8°♊28'21	4°29'39
morning rise	-1617 Jun 23 j 16:41	4°♊05'09	
direct	-1617 Jun 26 j 04:47	3°♊45'25	
morning max el	-1617 Jul 04 j 12:50	7°♊40'51	18°47'17
asc. node	-1617 Jul 11 j 01:17	15°♊54'56	
	-1617 Jul 18 j 23:38	0°♋	
morning set	-1617 Jul 20 j 23:01	3°♋49'47	
superior conj	-1617 Jul 29 j 15:41	20°♋41'52	1°47'32
minimum elong	-1617 Jul 29 j 16:30	20°♋45'46	1°47'33
	-1617 Aug 03 j 16:07	0°♌	
max. Earth dist.	-1617 Aug 05 j 15:18	3°♌31'32	1.39202 AU
evening rise	-1617 Aug 09 j 16:17	10°♌33'35	
desc. node	-1617 Aug 20 j 19:55	28°♌35'49	
	-1617 Aug 21 j 17:59	0°♍	
	-1617 Sep 13 j 11:13	0°♎	
evening max el	-1617 Sep 14 j 00:26	0°♎33'16	24°13'05
retrograde	-1617 Sep 25 j 02:57	7°♎04'36	
evening set	-1617 Sep 30 j 10:40	4°♎50'50	
	-1617 Oct 04 j 17:14	30°℞♍	
min. Earth dist.	-1617 Oct 05 j 05:17	29°♍19'37	0.67397 AU
inferior conj	-1617 Oct 05 j 20:32	28°♍28'09	0°-24'-4
minimum elong	-1617 Oct 05 j 21:06	28°♍26'12	0°23'50
asc. node	-1617 Oct 07 j 00:28	26°♍54'54	
morning rise	-1617 Oct 11 j 07:49	22°♍19'53	
direct	-1617 Oct 15 j 02:48	20°♍57'51	
morning max el	-1617 Oct 23 j 03:10	25°♍37'27	20°32'08
	-1617 Oct 26 j 23:37	0°♎	
greatest brilliancy	-1617 Oct 29 j 10:07	3°♎07'39	-0.5m
desc. node	-1617 Nov 16 j 19:21	0°♏01'16	
	-1617 Nov 16 j 19:01	0°♏	
morning set	-1617 Nov 20 j 09:35	5°♏33'51	
max. Earth dist.	-1617 Nov 30 j 04:10	21°♏00'22	1.43284 AU
	-1617 Dec 05 j 16:16	0°♐	
superior conj	-1617 Dec 06 j 10:22	1°♐15'07	-1°-45'-55
minimum elong	-1617 Dec 06 j 04:39	0°♐51'25	1°45'33
evening rise	-1617 Dec 18 j 19:26	22°♐29'24	
	-1617 Dec 23 j 02:10	0°♑	
asc. node	-1616 Jan 02 j 23:43	17°♑08'18	
evening max el	-1616 Jan 05 j 02:19	19°♑30'31	18°08'57
retrograde	-1616 Jan 11 j 15:34	22°♑57'20	
evening set	-1616 Jan 14 j 09:04	22°♑20'35	
inferior conj	-1616 Jan 20 j 19:02	17°♑08'43	3°54'42
minimum elong	-1616 Jan 20 j 18:14	17°♑10'47	3°54'37
min. Earth dist.	-1616 Jan 23 j 14:17	14°♑15'57	0.62380 AU
morning rise	-1616 Jan 27 j 01:16	11°♑13'39	
direct	-1616 Feb 03 j 01:40	8°♑37'34	
desc. node	-1616 Feb 12 j 18:33	12°♑40'50	
morning max el	-1616 Feb 17 j 01:10	16°♑27'00	27°45'30
	-1616 Feb 28 j 06:24	0°♒	
	-1616 Mar 17 j 08:53	0°♓	
morning set	-1616 Mar 21 j 13:57	8°♓17'44	
max. Earth dist.	-1616 Mar 27 j 07:28	20°♓17'10	1.32791 AU
superior conj	-1616 Mar 29 j 01:53	24°♓05'59	0°-19'-44
minimum elong	-1616 Mar 29 j 02:48	24°♓10'57	0°19'33
asc. node	-1616 Mar 30 j 23:02	28°♓11'07	
	-1616 Mar 31 j 19:04	0°♈	
evening rise	-1616 Apr 05 j 02:55	9°♈17'49	
	-1616 Apr 15 j 21:51	0°♉	

evening max el	-1616 Apr 29 j 15:13	18°♉18'22	24°05'57
desc. node	-1616 May 10 j 17:38	24°♉58'39	
retrograde	-1616 May 13 j 11:25	25°♉15'51	
evening set	-1616 May 17 j 19:45	24°♉33'47	
min. Earth dist.	-1616 May 24 j 02:36	21°♉30'28	0.56479 AU
inferior conj	-1616 May 26 j 14:46	19°♉56'56	-3°-50'-52
minimum elong	-1616 May 26 j 08:48	20°♉06'17	3°49'41
morning rise	-1616 Jun 04 j 01:44	15°♉55'27	
direct	-1616 Jun 06 j 15:21	15°♉38'06	
morning max el	-1616 Jun 16 j 09:28	20°♉09'13	19°44'09
	-1616 Jun 24 j 03:42	0°♊	
asc. node	-1616 Jun 26 j 22:19	4°♊38'51	
morning set	-1616 Jul 04 j 00:44	18°♊13'17	
	-1616 Jul 09 j 20:30	0°♋	
superior conj	-1616 Jul 12 j 00:49	4°♋21'15	1°46'28
minimum elong	-1616 Jul 11 j 23:47	4°♋16'08	1°46'28
max. Earth dist.	-1616 Jul 17 j 18:14	15°♋24'52	1.37260 AU
evening rise	-1616 Jul 21 j 15:49	22°♋34'26	
	-1616 Jul 25 j 21:30	0°♌	
desc. node	-1616 Aug 06 j 16:55	18°♌53'00	
	-1616 Aug 14 j 13:06	0°♍	
evening max el	-1616 Aug 26 j 11:33	14°♍07'07	25°28'16
retrograde	-1616 Sep 07 j 13:37	21°♍05'11	
evening set	-1616 Sep 13 j 12:12	18°♍34'48	
min. Earth dist.	-1616 Sep 17 j 22:20	13°♍39'30	0.66910 AU
inferior conj	-1616 Sep 19 j 00:26	12°♍15'04	-1°-18'-56
minimum elong	-1616 Sep 19 j 02:23	12°♍08'48	1°18'08
asc. node	-1616 Sep 22 j 21:31	7°♍42'36	
morning rise	-1616 Sep 24 j 17:10	6°♍14'53	
direct	-1616 Sep 28 j 01:02	5°♍10'45	
morning max el	-1616 Oct 05 j 06:50	9°♍18'28	19°28'33
greatest brilliancy	-1616 Oct 14 j 09:46	21°♍03'00	-0.7m
	-1616 Oct 20 j 09:13	0°♎	
morning set	-1616 Oct 29 j 09:51	13°♎56'23	
desc. node	-1616 Nov 02 j 16:19	20°♎35'24	
	-1616 Nov 08 j 16:29	0°♏	
max. Earth dist.	-1616 Nov 11 j 17:33	4°♏48'22	1.44460 AU
superior conj	-1616 Nov 15 j 05:30	10°♏22'03	-1°-15'-33
minimum elong	-1616 Nov 14 j 21:43	9°♏51'00	1°14'44
	-1616 Nov 27 j 06:46	0°♐	
evening rise	-1616 Nov 29 j 13:00	3°♐45'48	
	-1616 Dec 16 j 03:28	0°♑	
evening max el	-1616 Dec 18 j 14:48	2°♑50'28	18°25'05
asc. node	-1616 Dec 19 j 20:45	4°♑01'09	
retrograde	-1616 Dec 25 j 04:09	6°♑26'07	
evening set	-1616 Dec 28 j 02:09	5°♑39'43	
inferior conj	-1615 Jan 03 j 03:03	0°♑08'30	3°39'59
minimum elong	-1615 Jan 03 j 00:47	0°♑15'01	3°39'36
	-1615 Jan 03 j 06:01	30°℞♐	
min. Earth dist.	-1615 Jan 05 j 07:26	27°♐38'36	0.64132 AU
morning rise	-1615 Jan 08 j 22:00	24°♐04'26	
direct	-1615 Jan 15 j 20:00	21°♐14'26	
morning max el	-1615 Jan 29 j 09:37	29°♐01'18	27°27'55
desc. node	-1615 Jan 29 j 15:35	29°♐16'13	
	-1615 Jan 30 j 08:43	0°♑	
	-1615 Feb 21 j 02:28	0°♒	
morning set	-1615 Mar 05 j 09:17	22°♒18'46	
	-1615 Mar 09 j 04:52	0°♓	
max. Earth dist.	-1615 Mar 10 j 09:33	2°♓28'22	1.33525 AU
superior conj	-1615 Mar 13 j 08:10	8°♓40'03	0°-45'-47
minimum elong	-1615 Mar 13 j 10:17	8°♓51'19	0°45'23
asc. node	-1615 Mar 17 j 20:05	18°♓16'51	
evening rise	-1615 Mar 20 j 14:15	24°♓07'35	
	-1615 Mar 23 j 10:40	0°♈	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1615 Apr 11 j 07:48	28°♈57'21	22°31'12
	-1615 Apr 12 j 10:57	0°♉	
retrograde	-1615 Apr 24 j 08:48	5°♉21'40	
evening set	-1615 Apr 27 j 10:05	5°♉01'14	
desc. node	-1615 Apr 27 j 14:40	4°♉58'38	
min. Earth dist.	-1615 May 05 j 16:07	1°♉26'21	0.55340 AU
inferior conj	-1615 May 06 j 17:54	0°♉49'39	-2°-28'-33
minimum elong	-1615 May 06 j 11:44	0°♉58'27	2°26'39
	-1615 May 08 j 05:05	30°℞♈	
morning rise	-1615 May 15 j 15:35	26°♈54'34	
direct	-1615 May 18 j 09:26	26°♈37'13	
	-1615 May 27 j 11:27	0°♉	
morning max el	-1615 May 29 j 19:17	1°♉56'51	21°00'56
asc. node	-1615 Jun 13 j 19:22	23°♉54'18	
	-1615 Jun 16 j 21:28	0°♊	
morning set	-1615 Jun 18 j 07:54	2°♊55'39	
superior conj	-1615 Jun 25 j 20:47	18°♊34'50	1°38'05
minimum elong	-1615 Jun 25 j 18:39	18°♊23'49	1°37'57
max. Earth dist.	-1615 Jun 30 j 03:36	27°♊14'28	1.35568 AU
	-1615 Jul 01 j 13:17	0°♋	
evening rise	-1615 Jul 04 j 11:14	5°♋35'07	
	-1615 Jul 18 j 16:15	0°♌	
desc. node	-1615 Jul 24 j 13:57	8°♌49'46	
evening max el	-1615 Aug 08 j 23:09	27°♌41'30	26°30'19
	-1615 Aug 11 j 12:07	0°♍	
retrograde	-1615 Aug 21 j 19:17	4°♍55'03	
evening set	-1615 Aug 28 j 07:49	2°♍12'54	
	-1615 Aug 30 j 14:43	30°℞♌	
min. Earth dist.	-1615 Sep 01 j 10:07	27°♌55'27	0.66086 AU
inferior conj	-1615 Sep 03 j 00:08	26°♌00'03	-2°-12'-50
minimum elong	-1615 Sep 03 j 03:20	25°♌50'18	2°11'39
morning rise	-1615 Sep 08 j 23:52	20°♌11'14	
asc. node	-1615 Sep 09 j 18:33	19°♌48'34	
direct	-1615 Sep 11 j 23:01	19°♌21'27	
morning max el	-1615 Sep 18 j 16:48	23°♌06'13	18°40'21
	-1615 Sep 24 j 06:12	0°♍	
morning set	-1615 Oct 09 j 07:51	23°♍27'15	
	-1615 Oct 13 j 10:21	0°♎	
desc. node	-1615 Oct 20 j 13:20	11°♎16'56	
superior conj	-1615 Oct 25 j 06:57	18°♎44'22	0°-30'-18
minimum elong	-1615 Oct 25 j 02:58	18°♎28'41	0°29'48
max. Earth dist.	-1615 Oct 25 j 11:18	19°♎01'29	1.44949 AU
	-1615 Nov 01 j 10:32	0°♏	
evening rise	-1615 Nov 10 j 06:54	14°♏02'24	
	-1615 Nov 20 j 07:38	0°♐	
evening max el	-1615 Dec 02 j 01:26	16°♐15'50	18°58'54
asc. node	-1615 Dec 06 j 17:48	19°♐43'39	
retrograde	-1615 Dec 08 j 22:27	20°♐10'15	
evening set	-1615 Dec 12 j 02:22	19°♐12'31	
inferior conj	-1615 Dec 17 j 20:36	13°♐24'17	3°11'51
minimum elong	-1615 Dec 17 j 17:42	13°♐33'18	3°11'08
min. Earth dist.	-1615 Dec 19 j 09:59	11°♐27'59	0.65527 AU
morning rise	-1615 Dec 23 j 08:05	7°♐14'02	
direct	-1615 Dec 29 j 20:40	4°♐24'56	
morning max el	-1614 Jan 11 j 19:10	11°♐58'55	26°39'25
desc. node	-1614 Jan 16 j 12:37	17°♐09'37	
	-1614 Jan 26 j 06:44	0°♑	
	-1614 Feb 13 j 16:10	0°♒	
morning set	-1614 Feb 16 j 17:26	5°♒41'21	
max. Earth dist.	-1614 Feb 21 j 01:01	14°♒05'04	1.34706 AU
superior conj	-1614 Feb 25 j 08:45	22°♒51'54	-1°-10'-44
minimum elong	-1614 Feb 25 j 11:51	23°♒07'59	1°10'15
	-1614 Feb 28 j 18:52	0°♓	
evening rise	-1614 Mar 04 j 23:24	8°♓45'05	

asc. node	-1614 Mar 04 j 17:07	8°♓12'37	
	-1614 Mar 16 j 10:31	0°♈	
evening max el	-1614 Mar 24 j 07:38	9°♈54'39	21°02'59
retrograde	-1614 Apr 04 j 22:06	15°♈29'57	
evening set	-1614 Apr 07 j 06:12	15°♈17'11	
desc. node	-1614 Apr 14 j 11:44	12°♈27'08	
inferior conj	-1614 Apr 16 j 12:33	11°♈19'03	0°-34'-33
minimum elong	-1614 Apr 16 j 10:55	11°♈21'22	0°33'59
min. Earth dist.	-1614 Apr 17 j 05:30	10°♈55'03	0.55084 AU
morning rise	-1614 Apr 25 j 14:59	7°♈13'15	
direct	-1614 Apr 28 j 20:37	6°♈50'34	
morning max el	-1614 May 11 j 18:30	13°♈02'32	22°33'50
	-1614 May 24 j 11:35	0°♉	
asc. node	-1614 May 31 j 16:25	13°♉32'29	
morning set	-1614 Jun 02 j 18:22	17°♉49'37	
	-1614 Jun 08 j 12:06	0°♊	
superior conj	-1614 Jun 10 j 00:07	3°♊11'22	1°24'09
minimum elong	-1614 Jun 09 j 21:34	2°♊57'48	1°23'50
max. Earth dist.	-1614 Jun 12 j 22:34	9°♊20'41	1.34229 AU
evening rise	-1614 Jun 17 j 21:21	19°♊20'07	
	-1614 Jun 23 j 13:07	0°♋	
desc. node	-1614 Jul 11 j 10:59	28°♋16'18	
	-1614 Jul 12 j 18:18	0°♌	
evening max el	-1614 Jul 22 j 10:54	11°♌06'19	27°11'32
retrograde	-1614 Aug 04 j 19:26	18°♌26'14	
evening set	-1614 Aug 11 j 18:56	15°♌40'31	
min. Earth dist.	-1614 Aug 15 j 14:09	12°♌00'50	0.64894 AU
inferior conj	-1614 Aug 17 j 17:21	9°♌38'04	-3°-3'-36
minimum elong	-1614 Aug 17 j 21:29	9°♌26'32	3°02'19
morning rise	-1614 Aug 24 j 01:33	4°♌04'10	
direct	-1614 Aug 26 j 18:22	3°♌25'19	
asc. node	-1614 Aug 27 j 15:36	3°♌29'30	
morning max el	-1614 Sep 02 j 06:50	6°♌55'52	18°08'54
	-1614 Sep 17 j 19:37	0°♍	
morning set	-1614 Sep 20 j 10:06	4°♍20'53	
superior conj	-1614 Oct 04 j 11:48	27°♍21'36	0°19'03
minimum elong	-1614 Oct 04 j 14:06	27°♍30'50	0°18'45
	-1614 Oct 06 j 03:32	0°♎	
desc. node	-1614 Oct 07 j 10:23	2°♎02'23	
max. Earth dist.	-1614 Oct 08 j 06:09	3°♎20'37	1.44693 AU
evening rise	-1614 Oct 21 j 02:00	23°♎23'36	
	-1614 Oct 25 j 08:32	0°♏	
greatest brilliancy	-1614 Nov 07 j 16:26	20°♏03'06	-0.6m
evening max el	-1614 Nov 15 j 08:04	29°♏43'17	19°48'52
	-1614 Nov 15 j 14:37	0°♐	
retrograde	-1614 Nov 22 j 19:33	4°♐05'07	
asc. node	-1614 Nov 23 j 14:50	4°♐01'25	
evening set	-1614 Nov 26 j 07:13	2°♐54'03	
	-1614 Nov 29 j 09:10	30°℞♏	
inferior conj	-1614 Dec 01 j 20:44	26°♏51'50	2°34'11
minimum elong	-1614 Dec 01 j 17:54	27°♏01'13	2°33'16
min. Earth dist.	-1614 Dec 02 j 20:32	25°♏33'18	0.66539 AU
morning rise	-1614 Dec 07 j 03:57	20°♏37'29	
direct	-1614 Dec 13 j 02:58	18°♏00'37	
morning max el	-1614 Dec 25 j 04:15	25°♏09'26	25°28'17
	-1614 Dec 29 j 14:24	0°♐	
desc. node	-1613 Jan 03 j 09:40	5°♐58'20	
	-1613 Jan 19 j 18:34	0°♑	
morning set	-1613 Jan 30 j 09:45	18°♑12'04	
max. Earth dist.	-1613 Feb 03 j 05:10	25°♑15'01	1.36329 AU
	-1613 Feb 05 j 16:46	0°♒	
superior conj	-1613 Feb 09 j 00:54	6°♒33'43	-1°-32'-55
minimum elong	-1613 Feb 09 j 04:28	6°♒51'30	1°32'31
evening rise	-1613 Feb 17 j 04:21	23°♒04'03	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1613 Feb 19 j 14:11	27°♒53'36	
	-1613 Feb 20 j 15:59	0°♓	
evening max el	-1613 Mar 06 j 18:08	21°♓26'37	19°50'00
retrograde	-1613 Mar 16 j 15:47	26°♓10'29	
evening set	-1613 Mar 18 j 20:21	25°♓57'36	
inferior conj	-1613 Mar 27 j 13:10	21°♓55'43	1°19'40
minimum elong	-1613 Mar 27 j 16:25	21°♓50'39	1°18'35
min. Earth dist.	-1613 Mar 29 j 19:41	20°♓31'35	0.55769 AU
desc. node	-1613 Apr 01 j 08:47	19°♓04'24	
morning rise	-1613 Apr 05 j 09:21	17°♓22'29	
direct	-1613 Apr 09 j 13:18	16°♓44'05	
morning max el	-1613 Apr 23 j 10:52	23°♓40'15	24°14'02
	-1613 Apr 29 j 03:41	0°♈	
	-1613 May 16 j 21:48	0°♉	
morning set	-1613 May 18 j 06:21	2°♉49'30	
asc. node	-1613 May 18 j 13:30	3°♉27'04	
superior conj	-1613 May 25 j 08:16	18°♉02'49	1°05'56
minimum elong	-1613 May 25 j 05:51	17°♉49'47	1°05'33
max. Earth dist.	-1613 May 27 j 02:33	21°♉50'22	1.33267 AU
	-1613 May 30 j 23:29	0°♊	
evening rise	-1613 Jun 01 j 17:59	3°♊37'14	
	-1613 Jun 16 j 07:31	0°♋	
desc. node	-1613 Jun 28 j 08:01	17°♋00'01	
evening max el	-1613 Jul 04 j 21:01	24°♋09'14	27°25'14
	-1613 Jul 12 j 18:18	0°♌	
retrograde	-1613 Jul 18 j 13:44	1°♌30'15	
	-1613 Jul 24 j 00:26	30°℞♋	
evening set	-1613 Jul 25 j 18:18	28°♋52'46	
min. Earth dist.	-1613 Jul 29 j 08:41	25°♋46'14	0.63330 AU
inferior conj	-1613 Aug 01 j 01:26	23°♋03'40	-3°-47'-59
minimum elong	-1613 Aug 01 j 05:45	22°♋52'48	3°47'00
morning rise	-1613 Aug 07 j 19:21	17°♋47'59	
direct	-1613 Aug 10 j 08:11	17°♋17'07	
asc. node	-1613 Aug 14 j 12:41	18°♋42'04	
morning max el	-1613 Aug 16 j 22:17	20°♋41'59	17°55'02
	-1613 Aug 23 j 22:01	0°♌	
morning set	-1613 Sep 02 j 13:04	16°♌24'59	
	-1613 Sep 10 j 09:25	0°♍	
superior conj	-1613 Sep 14 j 14:47	7°♍05'58	1°00'38
minimum elong	-1613 Sep 14 j 20:03	7°♍27'50	1°00'00
max. Earth dist.	-1613 Sep 20 j 22:12	17°♍24'28	1.43740 AU
desc. node	-1613 Sep 24 j 07:24	22°♍48'15	
	-1613 Sep 28 j 21:31	0°♎	
evening rise	-1613 Sep 30 j 08:08	2°♎14'12	
	-1613 Oct 18 j 23:01	0°♏	
greatest brilliancy	-1613 Oct 23 j 17:35	6°♏29'46	-0.5m
evening max el	-1613 Oct 29 j 09:04	13°♏10'15	20°52'48
retrograde	-1613 Nov 06 j 17:02	18°♏06'29	
asc. node	-1613 Nov 10 j 11:53	16°♏44'43	
evening set	-1613 Nov 10 j 14:30	16°♏39'54	
inferior conj	-1613 Nov 16 j 01:04	10°♏27'11	1°49'36
minimum elong	-1613 Nov 15 j 22:47	10°♏34'58	1°48'44
min. Earth dist.	-1613 Nov 16 j 12:54	9°♏46'42	0.67192 AU
morning rise	-1613 Nov 21 j 06:40	4°♏11'01	
direct	-1613 Nov 26 j 14:26	1°♏53'08	
morning max el	-1613 Dec 07 j 12:54	8°♏24'33	24°04'09
desc. node	-1613 Dec 21 j 06:43	25°♏25'43	
	-1613 Dec 24 j 11:48	0°♐	
morning set	-1612 Jan 12 j 04:07	29°♐33'48	
	-1612 Jan 12 j 10:12	0°♑	
max. Earth dist.	-1612 Jan 16 j 01:21	6°♑22'35	1.38299 AU
superior conj	-1612 Jan 23 j 04:58	19°♑34'53	-1°-50'00
minimum elong	-1612 Jan 23 j 07:58	19°♑49'09	1°49'50
	-1612 Jan 28 j 13:55	0°♒	

evening rise	-1612 Feb 01 j 02:37	6°♒56'48	
asc. node	-1612 Feb 06 j 11:13	17°♒13'21	
	-1612 Feb 14 j 10:46	0°♓	
evening max el	-1612 Feb 17 j 15:04	3°♓35'02	18°56'06
retrograde	-1612 Feb 26 j 00:24	7°♓37'28	
evening set	-1612 Feb 28 j 07:58	7°♓20'15	
inferior conj	-1612 Mar 07 j 06:55	3°♓03'08	2°46'07
minimum elong	-1612 Mar 07 j 11:31	2°♓54'55	2°44'59
min. Earth dist.	-1612 Mar 10 j 11:47	0°♓46'49	0.57238 AU
	-1612 Mar 11 j 16:04	30°℞♒	
morning rise	-1612 Mar 15 j 10:59	27°♒57'52	
desc. node	-1612 Mar 18 j 05:51	27°♒05'23	
direct	-1612 Mar 20 j 19:06	26°♒49'35	
	-1612 Mar 29 j 21:58	0°♓	
morning max el	-1612 Apr 04 j 02:05	4°♓14'44	25°47'45
	-1612 Apr 22 j 14:50	0°♈	
morning set	-1612 May 01 j 18:11	17°♈49'10	
asc. node	-1612 May 04 j 10:34	23°♈32'19	
	-1612 May 07 j 09:51	0°♉	
superior conj	-1612 May 08 j 19:07	3°♉01'58	0°44'30
minimum elong	-1612 May 08 j 17:18	2°♉51'59	0°44'09
max. Earth dist.	-1612 May 09 j 12:44	4°♉38'12	1.32671 AU
evening rise	-1612 May 15 j 21:51	18°♉16'00	
	-1612 May 21 j 20:03	0°♊	
	-1612 Jun 10 j 01:08	0°♋	
desc. node	-1612 Jun 14 j 05:02	4°♋43'07	
evening max el	-1612 Jun 16 j 03:15	6°♋38'31	27°07'02
retrograde	-1612 Jun 30 j 01:31	13°♋57'57	
evening set	-1612 Jul 07 j 01:55	11°♋43'02	
min. Earth dist.	-1612 Jul 10 j 17:11	8°♋58'35	0.61449 AU
inferior conj	-1612 Jul 13 j 21:15	6°♋09'47	-4°-20'-58
minimum elong	-1612 Jul 14 j 00:26	6°♋02'42	4°20'33
morning rise	-1612 Jul 21 j 01:49	1°♋15'01	
direct	-1612 Jul 23 j 12:55	0°♋49'46	
morning max el	-1612 Jul 30 j 12:16	4°♋18'01	17°59'40
asc. node	-1612 Jul 31 j 09:46	5°♋13'08	
morning set	-1612 Aug 15 j 11:00	29°♋24'01	
	-1612 Aug 15 j 18:51	0°♌	
superior conj	-1612 Aug 25 j 21:23	18°♌12'30	1°28'54
minimum elong	-1612 Aug 26 j 01:51	18°♌31'59	1°28'31
	-1612 Sep 01 j 19:25	0°♍	
max. Earth dist.	-1612 Sep 02 j 08:56	0°♍56'05	1.42225 AU
evening rise	-1612 Sep 08 j 19:46	11°♍22'51	
desc. node	-1612 Sep 10 j 04:24	13°♍31'38	
	-1612 Sep 20 j 23:57	0°♎	
greatest brilliancy	-1612 Oct 06 j 10:23	21°♎15'57	-0.3m
evening max el	-1612 Oct 11 j 04:11	26°♎37'33	22°07'13
	-1612 Oct 15 j 00:02	0°♏	
retrograde	-1612 Oct 20 j 13:00	2°♏11'50	
evening set	-1612 Oct 24 j 22:24	0°♏27'46	
	-1612 Oct 25 j 11:29	30°℞♎	
asc. node	-1612 Oct 27 j 08:56	28°♎00'47	
inferior conj	-1612 Oct 30 j 07:34	24°♎08'19	1°00'06
minimum elong	-1612 Oct 30 j 06:12	24°♎13'01	0°59'31
min. Earth dist.	-1612 Oct 30 j 08:39	24°♎04'33	0.67518 AU
morning rise	-1612 Nov 04 j 13:49	17°♎52'54	
direct	-1612 Nov 09 j 06:22	15°♎56'57	
morning max el	-1612 Nov 18 j 23:28	21°♎43'16	22°36'49
greatest brilliancy	-1612 Nov 23 j 15:27	26°♎57'22	-0.3m
	-1612 Nov 26 j 01:54	0°♏	
desc. node	-1612 Dec 07 j 03:46	15°♏20'49	
	-1612 Dec 16 j 19:41	0°♐	
morning set	-1612 Dec 22 j 18:42	9°♐32'35	
max. Earth dist.	-1612 Dec 27 j 21:16	18°♐03'33	1.40404 AU
	-1611 Jan 03 j 17:15	0°♑	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1611 Jan 04 j 16:20	1°♑44'02	-1°-58'-47
minimum elong	-1611 Jan 04 j 17:09	1°♑47'42	1°58'50
evening rise	-1611 Jan 14 j 15:14	20°♑16'18	
	-1611 Jan 19 j 20:30	0°♒	
asc. node	-1611 Jan 23 j 08:15	6°♒05'01	
evening max el	-1611 Jan 30 j 20:10	16°♒14'08	18°22'14
retrograde	-1611 Feb 07 j 03:33	19°♒50'46	
evening set	-1611 Feb 09 j 15:18	19°♒26'47	
inferior conj	-1611 Feb 16 j 21:29	14°♒49'00	3°36'14
minimum elong	-1611 Feb 17 j 00:24	14°♒42'55	3°35'50
min. Earth dist.	-1611 Feb 20 j 07:32	11°♒59'31	0.59183 AU
morning rise	-1611 Feb 24 j 05:57	9°♒18'31	
direct	-1611 Mar 02 j 14:10	7°♒31'55	
desc. node	-1611 Mar 05 j 02:55	7°♒48'27	
morning max el	-1611 Mar 16 j 21:11	15°♒11'56	26°59'52
	-1611 Mar 28 j 20:43	0°♓	
	-1611 Apr 14 j 20:44	0°♈	
morning set	-1611 Apr 16 j 04:06	2°♈42'04	
asc. node	-1611 Apr 21 j 07:36	13°♈43'12	
superior conj	-1611 Apr 23 j 06:53	18°♈02'02	0°20'41
minimum elong	-1611 Apr 23 j 05:58	17°♈57'02	0°20'30
max. Earth dist.	-1611 Apr 23 j 01:40	17°♈33'28	1.32434 AU
	-1611 Apr 28 j 18:58	0°♉	
evening rise	-1611 Apr 30 j 06:23	3°♉07'23	
	-1611 May 14 j 18:46	0°♊	
evening max el	-1611 May 29 j 03:33	18°♊25'21	26°16'17
desc. node	-1611 Jun 01 j 02:05	20°♊59'42	
retrograde	-1611 Jun 12 j 05:01	25°♊40'49	
evening set	-1611 Jun 18 j 13:13	24°♊00'57	
min. Earth dist.	-1611 Jun 22 j 16:35	21°♊22'06	0.59402 AU
inferior conj	-1611 Jun 26 j 01:07	18°♊46'39	-4°-34'-46
minimum elong	-1611 Jun 26 j 01:22	18°♊46'10	4°34'46
morning rise	-1611 Jul 03 j 17:04	14°♊14'11	
direct	-1611 Jul 06 j 04:23	13°♊52'46	
morning max el	-1611 Jul 13 j 21:43	17°♊34'59	18°23'57
asc. node	-1611 Jul 18 j 06:50	22°♊46'32	
	-1611 Jul 22 j 20:48	0°♋	
morning set	-1611 Jul 29 j 22:44	13°♋03'53	
	-1611 Aug 07 j 21:23	0°♌	
superior conj	-1611 Aug 08 j 04:03	0°♌30'43	1°43'59
minimum elong	-1611 Aug 08 j 06:12	0°♌40'39	1°43'54
max. Earth dist.	-1611 Aug 15 j 14:21	13°♌46'13	1.40353 AU
evening rise	-1611 Aug 20 j 04:16	21°♌30'52	
	-1611 Aug 25 j 09:59	0°♍	
desc. node	-1611 Aug 28 j 01:24	4°♍08'31	
	-1611 Sep 15 j 02:33	0°♎	
evening max el	-1611 Sep 23 j 18:32	10°♎06'43	23°27'11
retrograde	-1611 Oct 04 j 05:59	16°♎18'11	
evening set	-1611 Oct 09 j 05:11	14°♎15'22	
min. Earth dist.	-1611 Oct 14 j 05:12	8°♎24'28	0.67533 AU
asc. node	-1611 Oct 14 j 05:59	8°♎21'48	
inferior conj	-1611 Oct 14 j 14:24	7°♎52'58	0°07'16
minimum elong	-1611 Oct 14 j 14:14	7°♎53'34	0°07'10
transit middle	-1611 Oct 14 j 14:14	7°♎53'34	0°07'10
transit begin	-1611 Oct 14 j 11:48	8°♎01'54	
transit end	-1611 Oct 14 j 16:40	7°♎45'14	
morning rise	-1611 Oct 19 j 23:19	1°♎41'12	
direct	-1611 Oct 24 j 01:46	0°♎07'10	
morning max el	-1611 Nov 01 j 15:25	5°♎08'58	21°14'39
greatest brilliancy	-1611 Nov 06 j 23:51	11°♎20'33	-0.4m
	-1611 Nov 20 j 07:13	0°♏	
desc. node	-1611 Nov 24 j 00:47	5°♏35'28	
morning set	-1611 Dec 02 j 05:22	18°♏13'01	
	-1611 Dec 09 j 13:55	0°♐	
max. Earth dist.	-1611 Dec 09 j 23:44	0°♐40'09	1.42349 AU
superior conj	-1611 Dec 17 j 05:30	12°♐47'50	-1°-55'-14
minimum elong	-1611 Dec 17 j 02:21	12°♐34'19	1°55'09
	-1611 Dec 26 j 23:47	0°♑	
evening rise	-1611 Dec 28 j 14:32	2°♑54'52	
asc. node	-1610 Jan 10 j 05:16	24°♑19'58	
evening max el	-1610 Jan 14 j 06:26	29°♑15'28	18°08'16
	-1610 Jan 15 j 01:23	0°♒	
retrograde	-1610 Jan 20 j 23:16	2°♒41'50	
evening set	-1610 Jan 23 j 14:46	2°♒09'52	
	-1610 Jan 27 j 03:28	30°℞♑	
inferior conj	-1610 Jan 30 j 07:10	27°♑10'04	3°54'58
minimum elong	-1610 Jan 30 j 07:36	27°♑09'02	3°54'55
min. Earth dist.	-1610 Feb 02 j 09:46	24°♑12'11	0.61248 AU
morning rise	-1610 Feb 05 j 21:53	21°♑22'30	
direct	-1610 Feb 12 j 19:39	19°♑01'20	
desc. node	-1610 Feb 19 j 23:58	21°♑15'28	
morning max el	-1610 Feb 26 j 22:31	26°♑48'06	27°39'29
	-1610 Mar 01 j 23:26	0°♒	
	-1610 Mar 22 j 09:33	0°♓	
morning set	-1610 Mar 31 j 10:18	17°♓21'52	
	-1610 Apr 06 j 09:22	0°♈	
max. Earth dist.	-1610 Apr 06 j 13:40	0°♈23'26	1.32557 AU
superior conj	-1610 Apr 07 j 17:55	2°♈57'15	0°-4'-43
minimum elong	-1610 Apr 07 j 18:08	2°♈58'25	0°04'40
behind sun begin	-1610 Apr 07 j 13:16	2°♈31'51	
behind sun end	-1610 Apr 07 j 23:00	3°♈25'00	
asc. node	-1610 Apr 08 j 04:38	3°♈55'42	
evening rise	-1610 Apr 14 j 17:29	18°♈04'03	
	-1610 Apr 20 j 15:24	0°♉	
evening max el	-1610 May 10 j 21:33	29°♉30'41	24°58'27
	-1610 May 11 j 09:58	0°♊	
desc. node	-1610 May 18 j 23:06	5°♊16'06	
retrograde	-1610 May 24 j 21:43	6°♊37'22	
evening set	-1610 May 30 j 01:51	5°♊36'08	
min. Earth dist.	-1610 Jun 04 j 09:23	2°♊45'57	0.57448 AU
inferior conj	-1610 Jun 07 j 09:48	0°♊44'56	-4°-18'-28
minimum elong	-1610 Jun 07 j 05:50	0°♊51'37	4°17'59
	-1610 Jun 08 j 12:47	30°℞♉	
morning rise	-1610 Jun 15 j 13:44	26°♉33'43	
direct	-1610 Jun 18 j 02:31	26°♉15'01	
	-1610 Jun 26 j 13:18	0°♊	
morning max el	-1610 Jun 26 j 23:43	0°♊23'47	19°08'50
asc. node	-1610 Jul 05 j 03:54	11°♊08'29	
morning set	-1610 Jul 13 j 20:17	27°♊14'26	
	-1610 Jul 15 j 05:40	0°♋	
superior conj	-1610 Jul 22 j 05:05	13°♋45'09	1°48'05
minimum elong	-1610 Jul 22 j 05:02	13°♋44'55	1°48'08
max. Earth dist.	-1610 Jul 28 j 17:09	25°♋57'34	1.38368 AU
	-1610 Jul 30 j 23:09	0°♌	
evening rise	-1610 Aug 01 j 14:17	2°♌52'09	
desc. node	-1610 Aug 14 j 22:24	24°♌34'36	
	-1610 Aug 18 j 13:53	0°♍	
evening max el	-1610 Sep 06 j 06:14	23°♍39'13	24°46'08
	-1610 Sep 15 j 09:29	0°♎	
retrograde	-1610 Sep 17 j 19:01	0°♎22'19	
	-1610 Sep 20 j 01:33	30°℞♍	
evening set	-1610 Sep 23 j 09:10	28°♍01'09	
min. Earth dist.	-1610 Sep 28 j 00:10	22°♍45'01	0.67237 AU
inferior conj	-1610 Sep 28 j 19:53	21°♍39'31	0°-47'-19
minimum elong	-1610 Sep 28 j 21:02	21°♍35'41	0°46'51
asc. node	-1610 Oct 01 j 03:03	18°♍43'06	
morning rise	-1610 Oct 04 j 09:18	15°♍34'24	
direct	-1610 Oct 07 j 23:23	14°♍20'16	
morning max el	-1610 Oct 15 j 14:50	18°♍44'39	20°03'18
greatest brilliancy	-1610 Oct 22 j 20:07	27°♍36'18	-0.6m

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1610 Oct	24 j 13:19	0°♎			-1609 Oct	18 j 03:17	0°♎	
desc. node	-1610 Nov	10 j 21:47	26°♎03'48		morning set	-1609 Oct	21 j 10:07	5°♎09'01	
morning set	-1610 Nov	11 j 02:21	26°♎21'29		desc. node	-1609 Oct	28 j 18:47	16°♎41'52	
	-1610 Nov	13 j 10:42	0°♏		max. Earth dist.	-1609 Nov	05 j 02:07	28°♎10'46	1.44754 AU
max. Earth dist.	-1610 Nov	22 j 10:07	14°♏08'16	1.43864 AU		-1609 Nov	06 j 05:48	0°♏	
superior conj	-1610 Nov	27 j 15:49	22°♏35'33	-1°-35'-13	superior conj	-1609 Nov	07 j 01:26	1°♏17'37	0°-57'-40
minimum elong	-1610 Nov	27 j 08:39	22°♏06'20	1°34'38	minimum elong	-1609 Nov	06 j 18:33	0°♏50'23	0°56'53
	-1610 Dec	02 j 03:40	0°♐		evening rise	-1609 Nov	22 j 04:06	25°♏35'33	
evening rise	-1610 Dec	10 j 20:14	14°♐43'36			-1609 Nov	24 j 20:41	0°♐	
	-1610 Dec	19 j 19:45	0°♑		evening max el	-1609 Dec	12 j 06:47	25°♐52'25	18°37'20
asc. node	-1610 Dec	28 j 02:18	11°♑46'27		asc. node	-1609 Dec	14 j 23:21	28°♐11'21	
evening max el	-1610 Dec	28 j 18:51	12°♑29'57	18°13'35	retrograde	-1609 Dec	18 j 22:38	29°♐35'20	
retrograde	-1609 Jan	04 j 07:03	15°♑59'14		evening set	-1609 Dec	21 j 22:53	28°♐44'23	
evening set	-1609 Jan	07 j 02:25	15°♑18'24		inferior conj	-1609 Dec	27 j 20:39	23°♐05'22	3°29'26
inferior conj	-1609 Jan	13 j 08:09	9°♑57'46	3°50'25	minimum elong	-1609 Dec	27 j 18:01	23°♐13'13	3°28'55
minimum elong	-1609 Jan	13 j 06:37	10°♑01'55	3°50'15	min. Earth dist.	-1609 Dec	29 j 18:29	20°♐48'54	0.64764 AU
min. Earth dist.	-1609 Jan	15 j 21:06	7°♑13'17	0.63160 AU	morning rise	-1608 Jan	02 j 11:58	16°♐58'08	
morning rise	-1609 Jan	19 j 09:05	3°♑58'35		direct	-1608 Jan	09 j 06:27	14°♐07'04	
direct	-1609 Jan	26 j 09:26	1°♑15'03		morning max el	-1608 Jan	22 j 14:43	21°♐50'23	27°10'45
desc. node	-1609 Feb	06 j 21:01	6°♑52'20		desc. node	-1608 Jan	24 j 18:04	24°♐04'15	
morning max el	-1609 Feb	09 j 05:13	9°♑03'43	27°42'24		-1608 Jan	29 j 19:06	0°♑	
	-1609 Feb	25 j 12:19	0°♒			-1608 Feb	18 j 16:17	0°♒	
	-1609 Mar	14 j 14:27	0°♓		morning set	-1608 Feb	27 j 01:30	15°♒25'43	
morning set	-1609 Mar	15 j 10:24	1°♓39'30		max. Earth dist.	-1608 Mar	02 j 18:46	24°♒50'30	1.33971 AU
max. Earth dist.	-1609 Mar	20 j 20:42	12°♓53'04	1.33056 AU		-1608 Mar	05 j 06:37	0°♓	
superior conj	-1609 Mar	23 j 02:27	17°♓40'24	0°-30'-49	superior conj	-1608 Mar	06 j 06:34	2°♓05'31	0°-56'-35
minimum elong	-1609 Mar	23 j 03:53	17°♓48'08	0°30'32	minimum elong	-1608 Mar	06 j 09:09	2°♓19'06	0°56'08
asc. node	-1609 Mar	26 j 01:39	24°♓04'51		asc. node	-1608 Mar	11 j 22:41	14°♓06'42	
	-1609 Mar	28 j 19:41	0°♈		evening rise	-1608 Mar	13 j 15:52	17°♓43'03	
evening rise	-1609 Mar	30 j 05:14	2°♈57'58			-1608 Mar	19 j 19:41	0°♈	
	-1609 Apr	14 j 02:52	0°♉		evening max el	-1608 Apr	03 j 07:20	20°♈53'00	21°52'11
evening max el	-1609 Apr	22 j 12:32	10°♉09'57	23°25'31	retrograde	-1608 Apr	15 j 19:32	26°♈58'34	
desc. node	-1609 May	05 j 20:09	16°♉55'34		evening set	-1608 Apr	18 j 11:21	26°♈42'46	
retrograde	-1609 May	06 j 02:07	16°♉55'42		desc. node	-1608 Apr	21 j 17:12	25°♈44'30	
evening set	-1609 May	09 j 20:32	16°♉24'32		inferior conj	-1608 Apr	27 j 20:20	22°♈38'27	-1°-42'-29
min. Earth dist.	-1609 May	16 j 22:56	13°♉09'30	0.55908 AU	minimum elong	-1608 Apr	27 j 15:40	22°♈45'00	1°40'56
inferior conj	-1609 May	18 j 22:26	11°♉59'04	-3°-21'-8	min. Earth dist.	-1608 Apr	27 j 12:16	22°♈49'47	0.55114 AU
minimum elong	-1609 May	18 j 15:44	12°♉09'03	3°19'28	morning rise	-1608 May	06 j 21:09	18°♈41'15	
morning rise	-1609 May	27 j 14:22	8°♉02'28		direct	-1608 May	09 j 18:29	18°♈22'44	
direct	-1609 May	30 j 05:28	7°♉45'27		morning max el	-1608 May	21 j 21:05	24°♈04'51	21°38'54
morning max el	-1609 Jun	09 j 15:51	12°♉35'15	20°14'30		-1608 May	27 j 04:01	0°♉	
	-1609 Jun	21 j 23:27	0°♊		asc. node	-1608 Jun	07 j 22:00	19°♉32'46	
asc. node	-1609 Jun	22 j 00:57	0°♊06'53		morning set	-1608 Jun	11 j 09:23	26°♉34'51	
morning set	-1609 Jun	28 j 00:37	11°♊47'00			-1608 Jun	13 j 00:45	0°♊	
superior conj	-1609 Jul	05 j 19:20	27°♊40'45	1°43'42	superior conj	-1608 Jun	18 j 18:48	12°♊05'24	1°32'47
minimum elong	-1609 Jul	05 j 17:45	27°♊32'43	1°43'39	minimum elong	-1608 Jun	18 j 16:24	11°♊52'54	1°32'33
	-1609 Jul	06 j 23:06	0°♋		max. Earth dist.	-1608 Jun	22 j 11:20	19°♊40'23	1.34949 AU
max. Earth dist.	-1609 Jul	10 j 22:22	7°♋46'53	1.36505 AU	evening rise	-1608 Jun	27 j 01:05	28°♊40'58	
evening rise	-1609 Jul	14 j 22:54	15°♋19'57			-1608 Jun	27 j 17:40	0°♋	
	-1609 Jul	23 j 08:49	0°♌			-1608 Jul	15 j 13:18	0°♌	
desc. node	-1609 Aug	01 j 19:25	14°♌44'18		desc. node	-1608 Jul	18 j 16:28	4°♌29'41	
	-1609 Aug	13 j 03:39	0°♍		evening max el	-1608 Aug	01 j 04:55	20°♌44'50	26°50'48
evening max el	-1609 Aug	19 j 17:22	7°♍13'55	25°56'38	retrograde	-1608 Aug	14 j 07:10	28°♌02'55	
retrograde	-1609 Sep	01 j 03:36	14°♍19'43		evening set	-1608 Aug	21 j 00:53	25°♌17'46	
evening set	-1609 Sep	07 j 08:30	11°♍43'14		min. Earth dist.	-1608 Aug	24 j 23:54	21°♌16'44	0.65621 AU
min. Earth dist.	-1609 Sep	11 j 15:09	7°♍04'12	0.66607 AU	inferior conj	-1608 Aug	26 j 19:30	19°♌08'42	-2°-34'-58
inferior conj	-1609 Sep	12 j 22:16	5°♍26'05	-1°-42'-2	minimum elong	-1608 Aug	26 j 23:09	18°♌57'57	2°33'41
minimum elong	-1609 Sep	13 j 00:46	5°♍18'12	1°41'03	morning rise	-1608 Sep	01 j 22:42	13°♌26'01	
asc. node	-1609 Sep	18 j 00:07	0°♍00'23		asc. node	-1608 Sep	03 j 21:11	12°♌45'58	
	-1609 Sep	18 j 00:19	30°℞♌		direct	-1608 Sep	04 j 18:44	12°♌41'29	
morning rise	-1609 Sep	18 j 17:49	29°♌30'39		morning max el	-1608 Sep	11 j 09:37	16°♌19'25	18°24'53
direct	-1609 Sep	21 j 21:41	28°♌33'08			-1608 Sep	21 j 09:28	0°♍	
	-1609 Sep	25 j 23:31	0°♍		morning set	-1608 Sep	30 j 20:05	15°♍15'11	
morning max el	-1609 Sep	28 j 21:32	2°♍29'45	19°06'08		-1608 Oct	09 j 23:36	0°♎	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1608 Oct 14 j 15:49	7°♎25'37	
superior conj	-1608 Oct 16 j 01:30	9°♎38'38	0°-9'-5
minimum elong	-1608 Oct 16 j 00:19	9°♎33'55	0°08'56
behind sun begin	-1608 Oct 15 j 14:48	8°♎56'25	
behind sun end	-1608 Oct 16 j 09:49	10°♎11'24	
max. Earth dist.	-1608 Oct 17 j 20:18	12°♎27'16	1.44925 AU
	-1608 Oct 29 j 00:32	0°♏	
evening rise	-1608 Nov 01 j 11:45	5°♏26'48	
greatest brilliancy	-1608 Nov 14 j 21:49	26°♏20'19	-0.7m
	-1608 Nov 17 j 09:17	0°♐	
evening max el	-1608 Nov 24 j 15:53	9°♐18'35	19°18'17
asc. node	-1608 Nov 30 j 20:24	13°♐19'16	
retrograde	-1608 Dec 01 j 18:28	13°♐24'02	
evening set	-1608 Dec 05 j 01:19	12°♐21'06	
inferior conj	-1608 Dec 10 j 17:20	6°♐26'36	2°56'51
minimum elong	-1608 Dec 10 j 14:23	6°♐36'02	2°56'01
min. Earth dist.	-1608 Dec 12 j 00:49	4°♐45'50	0.66002 AU
morning rise	-1608 Dec 16 j 02:37	0°♐14'05	
	-1608 Dec 16 j 09:06	30°℞♏	
direct	-1608 Dec 22 j 09:46	27°♏28'50	
	-1608 Dec 29 j 05:56	0°♐	
morning max el	-1607 Jan 04 j 00:12	4°♐54'38	26°11'18
desc. node	-1607 Jan 10 j 15:06	12°♐23'20	
	-1607 Jan 23 j 07:16	0°♑	
morning set	-1607 Feb 09 j 03:33	28°♑28'01	
	-1607 Feb 09 j 23:13	0°♒	
max. Earth dist.	-1607 Feb 13 j 04:55	6°♒11'53	1.35337 AU
superior conj	-1607 Feb 18 j 03:55	16°♒05'21	-1°-20'-37
minimum elong	-1607 Feb 18 j 07:19	16°♒22'39	1°20'09
	-1607 Feb 24 j 21:38	0°♓	
evening rise	-1607 Feb 25 j 23:28	2°♓12'58	
asc. node	-1607 Feb 26 j 19:45	3°♓56'39	
	-1607 Mar 14 j 11:49	0°♈	
evening max el	-1607 Mar 16 j 11:36	2°♈04'23	20°29'53
retrograde	-1607 Mar 27 j 09:05	7°♈17'11	
evening set	-1607 Mar 29 j 14:07	7°♈05'12	
inferior conj	-1607 Apr 07 j 15:49	3°♈07'45	0°15'50
minimum elong	-1607 Apr 07 j 16:32	3°♈06'42	0°15'34
transit middle	-1607 Apr 07 j 16:32	3°♈06'42	0°15'34
transit begin	-1607 Apr 07 j 15:45	3°♈07'50	
transit end	-1607 Apr 07 j 17:19	3°♈05'33	
desc. node	-1607 Apr 08 j 14:15	2°♈35'03	
min. Earth dist.	-1607 Apr 09 j 02:19	2°♈17'31	0.55257 AU
	-1607 Apr 13 j 11:15	30°℞♓	
morning rise	-1607 Apr 16 j 16:57	28°♓51'21	
direct	-1607 Apr 20 j 06:46	28°♓23'31	
	-1607 Apr 26 j 20:09	0°♈	
morning max el	-1607 May 03 j 16:50	4°♈56'51	23°16'16
	-1607 May 21 j 02:28	0°♉	
asc. node	-1607 May 25 j 19:04	9°♉19'02	
morning set	-1607 May 26 j 20:43	11°♉32'29	
superior conj	-1607 Jun 03 j 00:30	26°♉49'58	1°16'54
minimum elong	-1607 Jun 02 j 21:56	26°♉36'17	1°16'32
	-1607 Jun 04 j 12:11	0°♊	
max. Earth dist.	-1607 Jun 05 j 10:15	1°♊56'31	1.33771 AU
evening rise	-1607 Jun 10 j 16:11	12°♊42'00	
	-1607 Jun 19 j 23:22	0°♋	
desc. node	-1607 Jul 05 j 13:31	23°♋40'33	
	-1607 Jul 10 j 18:56	0°♌	
evening max el	-1607 Jul 14 j 16:20	4°♌02'53	27°21'06
retrograde	-1607 Jul 28 j 05:09	11°♌24'10	
evening set	-1607 Aug 04 j 07:30	8°♌40'30	
min. Earth dist.	-1607 Aug 08 j 00:16	5°♌15'32	0.64271 AU
inferior conj	-1607 Aug 10 j 09:14	2°♌43'06	-3°-23'-29
minimum elong	-1607 Aug 10 j 13:33	2°♌31'29	3°22'16
	-1607 Aug 13 j 01:12	30°℞♋	
morning rise	-1607 Aug 16 j 21:25	27°♋16'20	
direct	-1607 Aug 19 j 12:10	26°♋41'18	
asc. node	-1607 Aug 21 j 18:15	27°♋07'28	
	-1607 Aug 25 j 21:03	0°♌	
morning max el	-1607 Aug 26 j 00:35	0°♌08'45	18°00'41
morning set	-1607 Sep 12 j 09:34	26°♌41'14	
	-1607 Sep 14 j 08:20	0°♍	
superior conj	-1607 Sep 25 j 14:14	18°♍40'33	0°38'08
minimum elong	-1607 Sep 25 j 18:22	18°♍57'16	0°37'35
max. Earth dist.	-1607 Sep 30 j 13:54	26°♍40'47	1.44372 AU
desc. node	-1607 Oct 01 j 12:52	28°♍11'57	
	-1607 Oct 02 j 16:11	0°♎	
evening rise	-1607 Oct 11 j 23:27	14°♎30'15	
	-1607 Oct 22 j 03:09	0°♏	
greatest brilliancy	-1607 Nov 01 j 05:06	14°♏38'57	-0.6m
evening max el	-1607 Nov 07 j 20:19	22°♏46'20	20°14'34
retrograde	-1607 Nov 15 j 15:51	27°♏21'51	
asc. node	-1607 Nov 17 j 17:27	26°♏57'19	
evening set	-1607 Nov 19 j 07:25	26°♏04'34	
inferior conj	-1607 Nov 24 j 19:31	19°♏57'44	2°15'58
minimum elong	-1607 Nov 24 j 16:52	20°♏06'39	2°15'02
min. Earth dist.	-1607 Nov 25 j 14:08	18°♏55'13	0.66867 AU
morning rise	-1607 Nov 30 j 01:45	13°♏42'21	
direct	-1607 Dec 05 j 18:30	11°♏12'39	
morning max el	-1607 Dec 17 j 08:40	18°♏06'40	24°53'18
	-1607 Dec 27 j 09:10	0°♐	
desc. node	-1607 Dec 28 j 12:10	1°♐30'09	
	-1606 Jan 16 j 08:31	0°♑	
morning set	-1606 Jan 22 j 11:15	10°♑31'06	
max. Earth dist.	-1606 Jan 26 j 04:29	17°♑14'37	1.37133 AU
superior conj	-1606 Feb 01 j 15:26	29°♑31'14	-1°-40'-58
minimum elong	-1606 Feb 01 j 18:55	29°♑48'17	1°40'40
	-1606 Feb 01 j 21:18	0°♒	
evening rise	-1606 Feb 10 j 01:52	16°♒21'16	
asc. node	-1606 Feb 13 j 16:48	23°♒29'09	
	-1606 Feb 17 j 05:07	0°♓	
evening max el	-1606 Feb 27 j 02:49	13°♓52'24	19°24'42
retrograde	-1606 Mar 08 j 07:38	18°♓16'23	
evening set	-1606 Mar 10 j 13:19	18°♓01'58	
inferior conj	-1606 Mar 18 j 22:39	13°♓54'54	2°00'42
minimum elong	-1606 Mar 19 j 02:58	13°♓47'50	1°59'25
min. Earth dist.	-1606 Mar 21 j 17:02	12°♓06'53	0.56311 AU
desc. node	-1606 Mar 26 j 11:18	9°♓32'32	
morning rise	-1606 Mar 27 j 12:53	9°♓08'03	
direct	-1606 Apr 01 j 05:00	8°♓18'22	
morning max el	-1606 Apr 15 j 07:41	15°♓28'41	24°55'40
	-1606 Apr 26 j 21:56	0°♈	
morning set	-1606 May 11 j 08:50	26°♈32'56	
asc. node	-1606 May 12 j 16:08	29°♈18'43	
	-1606 May 12 j 23:52	0°♉	
superior conj	-1606 May 18 j 10:00	11°♉45'25	0°57'12
minimum elong	-1606 May 18 j 07:47	11°♉33'24	0°56'49
max. Earth dist.	-1606 May 19 j 17:22	14°♉35'36	1.32970 AU
evening rise	-1606 May 25 j 16:15	27°♉09'47	
	-1606 May 27 j 01:53	0°♊	
	-1606 Jun 13 j 07:37	0°♋	
desc. node	-1606 Jun 22 j 10:32	12°♋01'20	
evening max el	-1606 Jun 27 j 01:22	16°♋54'01	27°21'37
retrograde	-1606 Jul 10 j 20:37	24°♋13'44	
evening set	-1606 Jul 18 j 00:40	21°♋44'28	
min. Earth dist.	-1606 Jul 21 j 14:38	18°♋48'49	0.62568 AU
inferior conj	-1606 Jul 24 j 12:32	16°♋01'53	-4°-3'-44

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1606 Jul 24 j 16:33	15°♋52'14	4°02'59
morning rise	-1606 Jul 31 j 10:50	10°♋54'26	
direct	-1606 Aug 02 j 22:44	10°♋26'07	
asc. node	-1606 Aug 08 j 15:19	12°♋55'17	
morning max el	-1606 Aug 09 j 15:41	13°♋51'14	17°54'35
	-1606 Aug 20 j 17:00	0°♌	
morning set	-1606 Aug 25 j 21:20	9°♌11'07	
superior conj	-1606 Sep 06 j 04:58	28°♌59'49	1°14'20
minimum elong	-1606 Sep 06 j 10:14	29°♌22'06	1°13'46
	-1606 Sep 06 j 19:11	0°♍	
max. Earth dist.	-1606 Sep 13 j 04:17	10°♍34'21	1.43164 AU
desc. node	-1606 Sep 18 j 09:54	18°♍57'24	
evening rise	-1606 Sep 21 j 05:36	23°♍22'56	
	-1606 Sep 25 j 12:34	0°♎	
	-1606 Oct 16 j 10:03	0°♏	
greatest brilliancy	-1606 Oct 16 j 16:22	0°♏20'00	-0.4m
evening max el	-1606 Oct 21 j 18:54	6°♏14'09	21°23'27
retrograde	-1606 Oct 30 j 12:47	11°♏25'42	
evening set	-1606 Nov 03 j 15:11	9°♏51'47	
asc. node	-1606 Nov 04 j 14:29	9°♏01'45	
inferior conj	-1606 Nov 09 j 00:59	3°♏35'55	1°29'07
minimum elong	-1606 Nov 08 j 23:03	3°♏42'33	1°28'19
min. Earth dist.	-1606 Nov 09 j 08:07	3°♏11'21	0.67376 AU
	-1606 Nov 11 j 18:03	30°℞♎	
morning rise	-1606 Nov 14 j 06:37	27°♎20'01	
direct	-1606 Nov 19 j 07:56	25°♎11'19	
	-1606 Nov 28 j 07:24	0°♏	
morning max el	-1606 Nov 29 j 17:41	1°♏23'13	23°26'50
greatest brilliancy	-1606 Dec 05 j 10:46	7°♏51'11	-0.2m
desc. node	-1606 Dec 15 j 09:12	21°♏10'52	
	-1606 Dec 21 j 09:19	0°♐	
morning set	-1605 Jan 03 j 18:23	21°♐18'54	
max. Earth dist.	-1605 Jan 08 j 00:02	28°♐34'57	1.39200 AU
	-1605 Jan 08 j 19:26	0°♑	
superior conj	-1605 Jan 15 j 13:04	12°♑12'36	-1°-54'-58
minimum elong	-1605 Jan 15 j 15:22	12°♑23'19	1°54'55
evening rise	-1605 Jan 24 j 20:27	0°♒01'29	
	-1605 Jan 24 j 20:08	0°♒	
asc. node	-1605 Jan 31 j 13:49	12°♒38'16	
evening max el	-1605 Feb 10 j 03:34	26°♒15'05	18°39'10
	-1605 Feb 16 j 21:21	0°♓	
retrograde	-1605 Feb 18 j 00:18	0°♓04'35	
	-1605 Feb 19 j 03:34	30°℞♒	
evening set	-1605 Feb 20 j 09:46	29°♒44'36	
inferior conj	-1605 Feb 28 j 01:13	25°♒18'40	3°11'44
minimum elong	-1605 Feb 28 j 05:20	25°♒10'48	3°10'53
min. Earth dist.	-1605 Mar 03 j 10:02	22°♒45'44	0.58030 AU
morning rise	-1605 Mar 07 j 21:01	20°♒01'51	
desc. node	-1605 Mar 13 j 08:21	18°♒38'13	
direct	-1605 Mar 13 j 16:23	18°♒37'56	
morning max el	-1605 Mar 28 j 00:01	26°♒09'52	26°21'59
	-1605 Mar 31 j 14:56	0°♓	
	-1605 Apr 20 j 02:29	0°♈	
morning set	-1605 Apr 25 j 20:03	11°♈30'27	
asc. node	-1605 Apr 29 j 13:11	19°♈26'50	
superior conj	-1605 May 02 j 21:25	26°♈45'21	0°34'38
minimum elong	-1605 May 02 j 19:56	26°♈37'17	0°34'21
max. Earth dist.	-1605 May 03 j 05:20	27°♈28'48	1.32530 AU
	-1605 May 04 j 08:58	0°♉	
evening rise	-1605 May 09 j 22:22	11°♉54'42	
	-1605 May 19 j 06:33	0°♊	
evening max el	-1605 Jun 09 j 05:14	29°♊05'33	26°49'12
desc. node	-1605 Jun 09 j 07:33	29°♊11'03	
	-1605 Jun 10 j 04:41	0°♋	
retrograde	-1605 Jun 23 j 04:43	6°♋22'59	
evening set	-1605 Jun 30 j 00:03	4°♋21'40	
min. Earth dist.	-1605 Jul 03 j 18:45	1°♋42'04	0.60592 AU
	-1605 Jul 05 j 19:57	30°℞♊	
inferior conj	-1605 Jul 07 j 01:57	28°♊56'26	-4°-29'-44
minimum elong	-1605 Jul 07 j 04:06	28°♊51'54	4°29'34
morning rise	-1605 Jul 14 j 11:17	24°♊11'09	
direct	-1605 Jul 16 j 22:26	23°♊47'34	
morning max el	-1605 Jul 24 j 04:02	27°♊19'55	18°07'33
asc. node	-1605 Jul 26 j 12:23	29°♊54'30	
	-1605 Jul 26 j 14:11	0°♋	
morning set	-1605 Aug 09 j 01:40	22°♋29'00	
	-1605 Aug 13 j 02:22	0°♌	
superior conj	-1605 Aug 18 j 22:28	10°♌38'52	1°36'48
minimum elong	-1605 Aug 19 j 02:01	10°♌54'42	1°36'34
max. Earth dist.	-1605 Aug 26 j 13:07	23°♌50'58	1.41462 AU
	-1605 Aug 30 j 06:09	0°♍	
evening rise	-1605 Sep 01 j 00:47	2°♍53'03	
desc. node	-1605 Sep 05 j 06:53	9°♍38'33	
	-1605 Sep 18 j 22:10	0°♎	
greatest brilliancy	-1605 Sep 29 j 14:53	14°♎14'30	-0.3m
evening max el	-1605 Oct 04 j 11:40	19°♎41'46	22°40'51
retrograde	-1605 Oct 14 j 07:37	25°♎32'13	
evening set	-1605 Oct 18 j 22:49	23°♎39'58	
asc. node	-1605 Oct 22 j 11:32	19°♎48'53	
inferior conj	-1605 Oct 24 j 07:49	17°♎18'41	0°37'59
minimum elong	-1605 Oct 24 j 06:56	17°♎21'43	0°37'35
min. Earth dist.	-1605 Oct 24 j 04:25	17°♎30'26	0.67564 AU
morning rise	-1605 Oct 29 j 14:59	11°♎04'41	
direct	-1605 Nov 03 j 01:17	9°♎18'27	
morning max el	-1605 Nov 12 j 06:18	14°♎45'07	22°00'52
greatest brilliancy	-1605 Nov 17 j 00:40	20°♎08'35	-0.4m
	-1605 Nov 24 j 11:21	0°♏	
desc. node	-1605 Dec 02 j 06:13	11°♏15'03	
	-1605 Dec 14 j 09:57	0°♐	
morning set	-1605 Dec 14 j 20:25	0°♐41'55	
max. Earth dist.	-1605 Dec 20 j 22:39	10°♐40'23	1.41270 AU
superior conj	-1605 Dec 28 j 15:37	23°♐55'12	-1°-59'-4
minimum elong	-1605 Dec 28 j 14:55	23°♐52'09	1°59'06
	-1604 Jan 01 j 01:12	0°♑	
evening rise	-1604 Jan 08 j 03:53	13°♑04'47	
	-1604 Jan 17 j 15:47	0°♒	
asc. node	-1604 Jan 18 j 10:50	1°♒15'38	
evening max el	-1604 Jan 24 j 11:07	9°♒04'08	18°13'49
retrograde	-1604 Jan 31 j 11:11	12°♒35'05	
evening set	-1604 Feb 03 j 00:25	12°♒07'54	
inferior conj	-1604 Feb 10 j 00:20	7°♒20'31	3°47'33
minimum elong	-1604 Feb 10 j 02:11	7°♒16'24	3°47'21
min. Earth dist.	-1604 Feb 13 j 08:15	4°♒24'27	0.60064 AU
morning rise	-1604 Feb 17 j 00:47	1°♒41'33	
	-1604 Feb 20 j 22:29	30°℞♑	
direct	-1604 Feb 23 j 15:54	29°♑39'22	
	-1604 Feb 26 j 10:49	0°♒	
desc. node	-1604 Feb 28 j 05:23	0°♒33'28	
morning max el	-1604 Mar 08 j 21:57	7°♒23'17	27°21'11
	-1604 Mar 26 j 00:04	0°♓	
morning set	-1604 Apr 09 j 04:37	26°♓18'32	
	-1604 Apr 10 j 22:54	0°♈	
asc. node	-1604 Apr 15 j 10:13	9°♈38'45	
superior conj	-1604 Apr 16 j 09:02	11°♈43'40	0°10'03
minimum elong	-1604 Apr 16 j 08:35	11°♈41'11	0°09'58
behind sun begin	-1604 Apr 16 j 04:40	11°♈19'42	
behind sun end	-1604 Apr 16 j 12:30	12°♈02'40	
max. Earth dist.	-1604 Apr 15 j 18:20	10°♈23'11	1.32439 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1604 Apr 23 j 08:12	26°♈48'39	
	-1604 Apr 24 j 20:55	0°♉	
	-1604 May 12 j 03:25	0°♊	
evening max el	-1604 May 21 j 02:25	10°♊32'35	25°45'50
desc. node	-1604 May 26 j 04:34	14°♊40'50	
retrograde	-1604 Jun 04 j 04:06	17°♊46'05	
evening set	-1604 Jun 10 j 01:45	16°♊22'35	
min. Earth dist.	-1604 Jun 14 j 14:44	13°♊41'02	0.58535 AU
inferior conj	-1604 Jun 17 j 21:54	11°♊17'28	-4°-32'-18
minimum elong	-1604 Jun 17 j 20:25	11°♊20'11	4°32'13
morning rise	-1604 Jun 25 j 18:56	6°♊54'54	
direct	-1604 Jun 28 j 06:44	6°♊34'49	
morning max el	-1604 Jul 06 j 10:45	10°♊26'27	18°40'37
asc. node	-1604 Jul 12 j 09:27	17°♊50'11	
	-1604 Jul 19 j 10:08	0°♋	
morning set	-1604 Jul 22 j 17:59	6°♋23'10	
superior conj	-1604 Jul 31 j 13:42	23°♋23'40	1°46'55
minimum elong	-1604 Jul 31 j 14:52	23°♋29'07	1°46'55
	-1604 Aug 04 j 03:15	0°♌	
max. Earth dist.	-1604 Aug 07 j 16:39	6°♌22'44	1.39498 AU
evening rise	-1604 Aug 11 j 20:08	13°♌32'19	
desc. node	-1604 Aug 22 j 03:54	0°♍11'51	
	-1604 Aug 22 j 00:49	0°♍	
	-1604 Sep 13 j 00:02	0°♎	
evening max el	-1604 Sep 16 j 00:27	3°♎12'14	24°01'14
retrograde	-1604 Sep 26 j 23:14	9°♎38'51	
evening set	-1604 Oct 02 j 04:40	7°♎27'58	
min. Earth dist.	-1604 Oct 07 j 00:38	1°♎51'28	0.67444 AU
inferior conj	-1604 Oct 07 j 14:19	1°♎05'07	0°-15'-45
minimum elong	-1604 Oct 07 j 14:41	1°♎03'50	0°15'37
transit middle	-1604 Oct 07 j 14:41	1°♎03'50	0°15'37
transit begin	-1604 Oct 07 j 13:54	1°♎06'30	
transit end	-1604 Oct 07 j 15:28	1°♎01'10	
asc. node	-1604 Oct 08 j 08:35	0°♎03'28	
	-1604 Oct 08 j 09:37	30°℞♍	
morning rise	-1604 Oct 13 j 00:56	24°♍55'46	
direct	-1604 Oct 16 j 21:46	23°♍30'43	
morning max el	-1604 Oct 25 j 01:26	28°♍15'57	20°42'42
	-1604 Oct 26 j 16:21	0°♎	
greatest brilliancy	-1604 Oct 31 j 01:57	5°♎23'19	-0.5m
	-1604 Nov 17 j 01:57	0°♏	
desc. node	-1604 Nov 18 j 03:14	1°♏36'27	
morning set	-1604 Nov 22 j 22:36	9°♏01'07	
max. Earth dist.	-1604 Dec 02 j 04:10	23°♏39'03	1.43060 AU
	-1604 Dec 06 j 01:25	0°♐	
superior conj	-1604 Dec 08 j 17:40	4°♐27'10	-1°-48'-56
minimum elong	-1604 Dec 08 j 12:36	4°♐05'57	1°48'40
evening rise	-1604 Dec 20 j 20:16	25°♐23'19	
	-1604 Dec 23 j 10:48	0°♑	
asc. node	-1603 Jan 04 j 07:51	19°♑11'36	
evening max el	-1603 Jan 06 j 22:37	22°♑11'53	18°08'12
retrograde	-1603 Jan 13 j 12:31	25°♑38'09	
evening set	-1603 Jan 16 j 05:29	25°♑02'41	
inferior conj	-1603 Jan 22 j 17:02	19°♑54'02	3°55'23
minimum elong	-1603 Jan 22 j 16:32	19°♑55'18	3°55'20
min. Earth dist.	-1603 Jan 25 j 14:23	16°♑59'10	0.62095 AU
morning rise	-1603 Jan 29 j 01:20	14°♑00'44	
direct	-1603 Feb 05 j 01:26	11°♑27'56	
desc. node	-1603 Feb 14 j 02:26	14°♑59'56	
morning max el	-1603 Feb 19 j 01:53	19°♑17'06	27°45'05
	-1603 Feb 28 j 05:13	0°♒	
	-1603 Mar 18 j 19:47	0°♓	
morning set	-1603 Mar 24 j 08:31	10°♓49'54	
max. Earth dist.	-1603 Mar 30 j 04:31	23°♓05'06	1.32715 AU

superior conj	-1603 Mar 31 j 19:14	26°♓34'29	0°-15'-46
minimum elong	-1603 Mar 31 j 19:58	26°♓38'27	0°15'37
behind sun begin	-1603 Mar 31 j 19:06	26°♓33'48	
behind sun end	-1603 Mar 31 j 20:49	26°♓43'06	
asc. node	-1603 Apr 02 j 07:14	29°♓50'17	
	-1603 Apr 02 j 09:01	0°♈	
evening rise	-1603 Apr 07 j 19:46	11°♈44'36	
	-1603 Apr 17 j 04:23	0°♉	
evening max el	-1603 May 02 j 18:25	21°♉23'40	24°19'57
desc. node	-1603 May 13 j 01:36	27°♉54'15	
retrograde	-1603 May 16 j 16:11	28°♉24'05	
evening set	-1603 May 21 j 05:36	27°♉37'32	
min. Earth dist.	-1603 May 27 j 06:02	24°♉37'56	0.56709 AU
inferior conj	-1603 May 29 j 21:53	22°♉56'53	-3°-59'-39
minimum elong	-1603 May 29 j 16:20	23°♉05'43	3°58'39
morning rise	-1603 Jun 07 j 06:59	18°♉53'04	
direct	-1603 Jun 09 j 20:19	18°♉35'26	
morning max el	-1603 Jun 19 j 08:51	23°♉00'32	19°34'22
	-1603 Jun 25 j 05:06	0°♊	
asc. node	-1603 Jun 29 j 06:31	6°♊28'50	
morning set	-1603 Jul 06 j 18:45	20°♊43'40	
	-1603 Jul 11 j 09:12	0°♋	
superior conj	-1603 Jul 14 j 20:55	6°♋57'06	1°47'09
minimum elong	-1603 Jul 14 j 20:07	6°♋53'11	1°47'09
max. Earth dist.	-1603 Jul 20 j 19:18	18°♋19'48	1.37539 AU
evening rise	-1603 Jul 24 j 16:21	25°♋23'33	
	-1603 Jul 27 j 07:19	0°♌	
desc. node	-1603 Aug 09 j 00:56	20°♌31'48	
	-1603 Aug 15 j 14:46	0°♍	
evening max el	-1603 Aug 29 j 11:44	16°♍46'16	25°17'41
retrograde	-1603 Sep 10 j 10:33	23°♍40'44	
evening set	-1603 Sep 16 j 06:56	21°♍12'45	
min. Earth dist.	-1603 Sep 20 j 18:21	16°♍11'52	0.67007 AU
inferior conj	-1603 Sep 21 j 18:44	14°♍52'25	-1°-10'-36
minimum elong	-1603 Sep 21 j 20:28	14°♍46'46	1°09'53
asc. node	-1603 Sep 25 j 05:39	10°♍42'58	
morning rise	-1603 Sep 27 j 10:32	8°♍50'44	
direct	-1603 Sep 30 j 19:57	7°♍44'04	
morning max el	-1603 Oct 08 j 04:02	11°♍55'50	19°37'03
greatest brilliancy	-1603 Oct 16 j 16:25	22°♍44'32	-0.6m
	-1603 Oct 21 j 14:36	0°♎	
morning set	-1603 Nov 01 j 21:19	17°♎18'20	
desc. node	-1603 Nov 05 j 00:17	22°♎09'38	
	-1603 Nov 10 j 00:38	0°♏	
max. Earth dist.	-1603 Nov 14 j 16:52	7°♏22'42	1.44330 AU
superior conj	-1603 Nov 18 j 16:41	13°♏44'53	-1°-21'-16
minimum elong	-1603 Nov 18 j 08:52	13°♏13'32	1°20'30
	-1603 Nov 28 j 15:26	0°♐	
evening rise	-1603 Dec 02 j 17:09	6°♐48'48	
	-1603 Dec 17 j 00:04	0°♑	
evening max el	-1603 Dec 21 j 11:14	5°♑31'15	18°21'33
asc. node	-1603 Dec 22 j 04:53	6°♑14'10	
retrograde	-1603 Dec 27 j 23:59	9°♑04'48	
evening set	-1603 Dec 30 j 21:18	8°♑19'50	
inferior conj	-1602 Jan 05 j 23:23	2°♑51'20	3°43'08
minimum elong	-1602 Jan 05 j 21:16	2°♑57'17	3°42'50
min. Earth dist.	-1602 Jan 08 j 06:01	0°♑17'17	0.63892 AU
	-1602 Jan 08 j 12:20	30°℞♐	
morning rise	-1602 Jan 11 j 19:46	26°♐48'34	
direct	-1602 Jan 18 j 18:40	23°♐59'44	
	-1602 Jan 30 j 12:50	0°♑	
desc. node	-1602 Jan 31 j 23:29	1°♑21'28	
morning max el	-1602 Feb 01 j 09:55	1°♑47'08	27°32'43
	-1602 Feb 22 j 09:31	0°♒	
morning set	-1602 Mar 08 j 05:15	24°♒56'04	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1602 Mar	10 j	17:44	0°♓				-1601 Feb	15 j	02:32	0°♒	
max. Earth dist.	-1602 Mar	13 j	08:03	5°♓21'59	1.33390 AU		morning set	-1601 Feb	19 j	15:20	8°♒25'12	
							max. Earth dist.	-1601 Feb	24 j	01:25	17°♒04'37	1.34503 AU
superior conj	-1602 Mar	16 j	02:13	11°♓11'43	0°-41'-51							
minimum elong	-1602 Mar	16 j	04:09	11°♓22'06	0°41'29		superior conj	-1601 Feb	28 j	03:47	25°♒27'16	-1°-7'-5
asc. node	-1602 Mar	20 j	04:17	19°♓57'26			minimum elong	-1601 Feb	28 j	06:46	25°♒42'47	1°06'36
evening rise	-1602 Mar	23 j	07:19	26°♓36'17				-1601 Mar	02 j	07:59	0°♓	
	-1602 Mar	24 j	22:29	0°♈			asc. node	-1601 Mar	07 j	01:18	9°♓54'57	
	-1602 Apr	12 j	10:45	0°♉			evening rise	-1601 Mar	07 j	16:55	11°♓16'05	
evening max el	-1602 Apr	14 j	10:27	2°♉02'21	22°45'10			-1601 Mar	17 j	13:32	0°♈	
retrograde	-1602 Apr	27 j	15:08	8°♉32'35			evening max el	-1601 Mar	27 j	08:48	12°♈55'08	21°15'15
desc. node	-1602 Apr	29 j	22:38	8°♉20'47			retrograde	-1601 Apr	08 j	05:08	18°♈38'35	
evening set	-1602 Apr	30 j	20:32	8°♉09'51			evening set	-1601 Apr	10 j	14:49	18°♈25'17	
min. Earth dist.	-1602 May	08 j	19:31	4°♉40'38	0.55464 AU		desc. node	-1601 Apr	16 j	19:41	16°♈07'53	
inferior conj	-1602 May	10 j	03:17	3°♉55'04	-2°-43'-38		inferior conj	-1601 Apr	19 j	22:17	14°♈26'00	0°-52'-42
minimum elong	-1602 May	09 j	20:47	4°♉04'25	2°41'44		minimum elong	-1601 Apr	19 j	19:48	14°♈29'31	0°51'50
morning rise	-1602 May	18 j	23:34	0°♉00'05			min. Earth dist.	-1601 Apr	20 j	08:43	14°♈11'19	0.55064 AU
	-1602 May	18 j	23:44	30°℞♈			morning rise	-1601 Apr	29 j	00:39	10°♈23'11	
direct	-1602 May	21 j	16:38	29°♈42'53			direct	-1601 May	02 j	03:48	10°♈01'53	
	-1602 May	24 j	07:55	0°♉			morning max el	-1601 May	14 j	21:00	16°♈06'01	22°19'16
morning max el	-1602 Jun	01 j	20:17	4°♉54'26	20°48'18			-1601 May	25 j	16:40	0°♉	
asc. node	-1602 Jun	16 j	03:36	25°♉40'19			asc. node	-1601 Jun	03 j	00:40	15°♉15'37	
	-1602 Jun	18 j	09:07	0°♊			morning set	-1601 Jun	05 j	11:20	20°♉16'22	
morning set	-1602 Jun	21 j	01:15	5°♊23'42				-1601 Jun	10 j	01:48	0°♊	
superior conj	-1602 Jun	28 j	15:30	21°♊06'10	1°39'46		superior conj	-1601 Jun	12 j	17:55	5°♊39'57	1°26'33
minimum elong	-1602 Jun	28 j	13:29	20°♊55'50	1°39'38		minimum elong	-1601 Jun	12 j	15:23	5°♊26'34	1°26'16
max. Earth dist.	-1602 Jul	03 j	03:31	0°♋08'41	1.35803 AU		max. Earth dist.	-1601 Jun	15 j	20:59	12°♊11'38	1.34403 AU
	-1602 Jul	03 j	01:45	0°♋			evening rise	-1601 Jun	20 j	17:18	21°♊55'03	
evening rise	-1602 Jul	07 j	09:07	8°♋15'58				-1601 Jun	24 j	23:43	0°♋	
	-1602 Jul	19 j	23:06	0°♌			desc. node	-1601 Jul	13 j	18:59	0°♌03'56	
desc. node	-1602 Jul	26 j	21:57	10°♌32'00				-1601 Jul	13 j	17:50	0°♌	
	-1602 Aug	11 j	14:42	0°♍			evening max el	-1601 Jul	25 j	10:59	13°♌47'44	27°07'01
evening max el	-1602 Aug	11 j	23:16	0°♍20'57	26°22'12		retrograde	-1601 Aug	07 j	17:56	21°♌07'21	
retrograde	-1602 Aug	24 j	16:55	7°♍32'30			evening set	-1601 Aug	14 j	16:10	18°♌21'18	
evening set	-1602 Aug	31 j	03:35	4°♍51'40			min. Earth dist.	-1601 Aug	18 j	12:17	14°♌36'20	0.65093 AU
min. Earth dist.	-1602 Sep	04 j	07:00	0°♍28'36	0.66233 AU		inferior conj	-1601 Aug	20 j	13:31	12°♌17'09	-2°-56'-17
	-1602 Sep	04 j	16:24	30°℞♌			minimum elong	-1601 Aug	20 j	17:33	12°♌05'43	2°54'59
inferior conj	-1602 Sep	05 j	19:11	28°♌37'40	-2°-4'-51		morning rise	-1601 Aug	26 j	20:24	6°♌40'57	
minimum elong	-1602 Sep	05 j	22:13	28°♌28'22	2°03'41		direct	-1601 Aug	29 j	13:59	6°♌00'44	
morning rise	-1602 Sep	11 j	17:47	22°♌47'03			asc. node	-1601 Aug	29 j	23:50	6°♌01'39	
asc. node	-1602 Sep	12 j	02:44	22°♌35'05			morning max el	-1601 Sep	05 j	02:50	9°♌32'51	18°12'31
direct	-1602 Sep	14 j	18:07	21°♌55'19				-1601 Sep	19 j	03:30	0°♍	
morning max el	-1602 Sep	21 j	13:12	25°♌42'45	18°46'32		morning set	-1601 Sep	23 j	13:25	7°♍19'02	
	-1602 Sep	25 j	04:54	0°♍								
morning set	-1602 Oct	12 j	15:19	26°♍37'17			superior conj	-1601 Oct	07 j	22:30	0°♎41'38	0°11'52
	-1602 Oct	14 j	18:22	0°♎			minimum elong	-1601 Oct	07 j	23:59	0°♎47'32	0°11'39
desc. node	-1602 Oct	22 j	21:19	12°♎50'27			behind sun begin	-1601 Oct	07 j	16:17	0°♎16'52	
							behind sun end	-1601 Oct	08 j	07:41	1°♎18'09	
superior conj	-1602 Oct	28 j	19:37	22°♎10'28	0°-37'-44			-1601 Oct	07 j	12:03	0°♎	
minimum elong	-1602 Oct	28 j	14:44	21°♎51'12	0°37'07		desc. node	-1601 Oct	09 j	18:21	3°♎35'43	
max. Earth dist.	-1602 Oct	28 j	10:31	21°♎34'39	1.44922 AU		max. Earth dist.	-1601 Oct	11 j	05:24	5°♎54'18	1.44773 AU
	-1602 Nov	02 j	18:45	0°♏			evening rise	-1601 Oct	24 j	12:53	26°♎43'28	
evening rise	-1602 Nov	13 j	14:44	17°♏14'49				-1601 Oct	26 j	15:29	0°♏	
	-1602 Nov	21 j	13:28	0°♐			greatest brilliancy	-1601 Nov	10 j	03:38	22°♏03'12	-0.7m
evening max el	-1602 Dec	04 j	22:18	18°♐56'14	18°52'45			-1601 Nov	16 j	02:18	0°♐	
asc. node	-1602 Dec	09 j	01:56	22°♐08'38			evening max el	-1601 Nov	18 j	05:36	2°♐23'26	19°40'26
retrograde	-1602 Dec	11 j	17:42	22°♐47'19			retrograde	-1601 Nov	25 j	14:37	6°♐40'56	
evening set	-1602 Dec	14 j	20:39	21°♐51'21			asc. node	-1601 Nov	25 j	22:59	6°♐40'14	
inferior conj	-1602 Dec	20 j	15:43	16°♐05'20	3°16'47		evening set	-1601 Nov	29 j	00:57	5°♐32'01	
minimum elong	-1602 Dec	20 j	12:52	16°♐14'07	3°16'07			-1601 Dec	04 j	06:23	30°℞♏	
min. Earth dist.	-1602 Dec	22 j	07:13	14°♐03'45	0.65342 AU		inferior conj	-1601 Dec	04 j	15:03	29°♏31'36	2°40'24
morning rise	-1602 Dec	26 j	04:06	9°♐55'50			minimum elong	-1601 Dec	04 j	12:10	29°♏41'04	2°39'30
direct	-1601 Jan	01 j	18:20	7°♐05'59			min. Earth dist.	-1601 Dec	05 j	16:46	28°♏07'20	0.66411 AU
morning max el	-1601 Jan	14 j	19:33	14°♐42'32	26°48'22		morning rise	-1601 Dec	09 j	22:43	23°♏17'36	
desc. node	-1601 Jan	18 j	20:33	19°♐04'55			direct	-1601 Dec	15 j	23:51	20°♏38'22	
	-1601 Jan	27 j	08:44	0°♑			morning max el	-1601 Dec	28 j	04:51	27°♏52'09	25°39'55

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1601 Dec 30 j 05:38	0°♐	
desc. node	-1600 Jan 05 j 17:36	7°♐46'32	
	-1600 Jan 21 j 01:51	0°♑	
morning set	-1600 Feb 02 j 10:20	21°♑04'35	
max. Earth dist.	-1600 Feb 06 j 07:03	28°♑16'52	1.36063 AU
	-1600 Feb 07 j 04:37	0°♒	
superior conj	-1600 Feb 11 j 21:21	9°♒13'49	-1°-29'-49
minimum elong	-1600 Feb 12 j 00:54	9°♒31'37	1°29'24
evening rise	-1600 Feb 19 j 22:37	25°♒37'58	
asc. node	-1600 Feb 21 j 22:20	29°♒38'12	
	-1600 Feb 22 j 02:42	0°♓	
evening max el	-1600 Mar 08 j 17:35	24°♓21'09	19°59'41
retrograde	-1600 Mar 18 j 21:26	29°♓12'23	
evening set	-1600 Mar 21 j 01:46	28°♓59'56	
inferior conj	-1600 Mar 29 j 21:04	24°♓59'34	1°03'41
minimum elong	-1600 Mar 29 j 23:47	24°♓55'27	1°02'46
min. Earth dist.	-1600 Mar 31 j 22:51	23°♓44'02	0.55609 AU
desc. node	-1600 Apr 02 j 16:44	22°♓43'33	
morning rise	-1600 Apr 07 j 18:54	20°♓30'53	
direct	-1600 Apr 11 j 18:50	19°♓55'43	
morning max el	-1600 Apr 25 j 14:03	26°♓46'36	23°59'11
	-1600 Apr 28 j 16:30	0°♈	
	-1600 May 17 j 09:59	0°♉	
morning set	-1600 May 19 j 23:10	5°♉15'44	
asc. node	-1600 May 19 j 21:42	5°♉08'00	
superior conj	-1600 May 27 j 01:28	20°♉29'48	1°08'55
minimum elong	-1600 May 26 j 23:00	20°♉16'31	1°08'33
max. Earth dist.	-1600 May 28 j 23:37	24°♉37'24	1.33383 AU
	-1600 May 31 j 12:45	0°♊	
evening rise	-1600 Jun 03 j 12:34	6°♊08'11	
	-1600 Jun 16 j 13:55	0°♋	
desc. node	-1600 Jun 29 j 16:00	18°♋55'20	
evening max el	-1600 Jul 06 j 21:23	26°♋54'35	27°25'12
	-1600 Jul 10 j 10:54	0°♌	
retrograde	-1600 Jul 20 j 13:17	4°♌16'07	
evening set	-1600 Jul 27 j 17:32	1°♌36'29	
	-1600 Jul 29 j 16:31	30°℞♋	
min. Earth dist.	-1600 Jul 31 j 08:20	28°♋25'32	0.63582 AU
inferior conj	-1600 Aug 02 j 23:09	25°♋45'04	-3°-41'-54
minimum elong	-1600 Aug 03 j 03:30	25°♋33'54	3°40'51
morning rise	-1600 Aug 09 j 15:33	20°♋26'32	
direct	-1600 Aug 12 j 04:46	19°♋54'44	
asc. node	-1600 Aug 15 j 20:54	21°♋01'10	
morning max el	-1600 Aug 18 j 18:15	23°♋20'02	17°55'54
	-1600 Aug 24 j 00:49	0°♌	
morning set	-1600 Sep 04 j 13:02	19°♌13'31	
	-1600 Sep 10 j 19:00	0°♍	
superior conj	-1600 Sep 16 j 21:29	10°♍14'08	0°55'08
minimum elong	-1600 Sep 17 j 02:36	10°♍35'12	0°54'31
max. Earth dist.	-1600 Sep 22 j 21:41	20°♍00'12	1.43920 AU
desc. node	-1600 Sep 25 j 15:22	24°♍21'45	
	-1600 Sep 29 j 05:24	0°♎	
evening rise	-1600 Oct 02 j 19:49	5°♎35'30	
	-1600 Oct 19 j 01:50	0°♏	
greatest brilliancy	-1600 Oct 25 j 10:36	8°♏50'26	-0.5m
evening max el	-1600 Oct 31 j 07:28	15°♏50'16	20°42'32
retrograde	-1600 Nov 08 j 12:08	20°♏41'10	
asc. node	-1600 Nov 11 j 20:03	19°♏37'41	
evening set	-1600 Nov 12 j 07:58	19°♏17'08	
inferior conj	-1600 Nov 17 j 18:52	13°♏05'49	1°56'45
minimum elong	-1600 Nov 17 j 16:29	13°♏13'58	1°55'50
min. Earth dist.	-1600 Nov 18 j 08:27	12°♏19'35	0.67117 AU
morning rise	-1600 Nov 23 j 00:32	6°♏49'40	
direct	-1600 Nov 28 j 10:38	4°♏28'33	
morning max el	-1600 Dec 09 j 13:21	11°♏06'23	24°17'01
desc. node	-1600 Dec 22 j 14:39	27°♏08'51	
	-1600 Dec 24 j 15:28	0°♐	
	-1599 Jan 12 j 19:45	0°♑	
morning set	-1599 Jan 14 j 08:22	2°♑37'43	
max. Earth dist.	-1599 Jan 18 j 03:42	9°♑21'23	1.37989 AU
superior conj	-1599 Jan 25 j 03:29	22°♑21'48	-1°-47'-53
minimum elong	-1599 Jan 25 j 06:39	22°♑37'02	1°47'40
	-1599 Jan 29 j 01:43	0°♒	
evening rise	-1599 Feb 02 j 22:01	9°♒35'00	
asc. node	-1599 Feb 07 j 19:21	19°♒01'36	
	-1599 Feb 14 j 07:12	0°♓	
evening max el	-1599 Feb 19 j 13:07	6°♓24'48	19°02'53
retrograde	-1599 Feb 28 j 03:12	10°♓32'16	
evening set	-1599 Mar 02 j 10:11	10°♓15'54	
inferior conj	-1599 Mar 10 j 11:51	6°♓01'44	2°35'22
minimum elong	-1599 Mar 10 j 16:29	5°♓53'38	2°34'09
min. Earth dist.	-1599 Mar 13 j 14:39	3°♓52'06	0.56978 AU
morning rise	-1599 Mar 18 j 18:42	1°♓01'00	
desc. node	-1599 Mar 20 j 13:45	0°♓25'02	
	-1599 Mar 22 j 23:51	30°℞♒	
direct	-1599 Mar 23 j 22:45	29°♒57'49	
	-1599 Mar 24 j 21:40	0°♓	
morning max el	-1599 Apr 07 j 04:59	7°♓19'52	25°34'50
	-1599 Apr 23 j 22:07	0°♈	
morning set	-1599 May 04 j 11:07	20°♈16'04	
asc. node	-1599 May 06 j 18:43	25°♈12'03	
	-1599 May 08 j 23:51	0°♉	
superior conj	-1599 May 11 j 12:02	5°♉28'39	0°47'56
minimum elong	-1599 May 11 j 10:06	5°♉18'05	0°47'35
max. Earth dist.	-1599 May 12 j 09:05	7°♉23'25	1.32736 AU
evening rise	-1599 May 18 j 15:33	20°♉44'52	
	-1599 May 23 j 06:52	0°♊	
	-1599 Jun 10 j 19:39	0°♋	
desc. node	-1599 Jun 16 j 13:00	6°♋49'22	
evening max el	-1599 Jun 19 j 04:26	9°♋30'17	27°11'53
retrograde	-1599 Jul 03 j 02:08	16°♋49'54	
evening set	-1599 Jul 10 j 03:45	14°♋30'53	
min. Earth dist.	-1599 Jul 13 j 18:24	11°♋43'56	0.61746 AU
inferior conj	-1599 Jul 16 j 21:00	8°♋55'02	-4°-17'-1
minimum elong	-1599 Jul 17 j 00:28	8°♋47'10	4°16'32
morning rise	-1599 Jul 23 j 23:55	3°♋56'50	
direct	-1599 Jul 26 j 11:07	3°♋30'52	
morning max el	-1599 Aug 02 j 08:36	6°♋58'09	17°57'42
asc. node	-1599 Aug 02 j 17:58	7°♋21'31	
	-1599 Aug 17 j 04:56	0°♌	
morning set	-1599 Aug 18 j 08:31	2°♌05'32	
superior conj	-1599 Aug 29 j 00:04	21°♌08'37	1°25'30
minimum elong	-1599 Aug 29 j 04:48	21°♌29'07	1°25'04
	-1599 Sep 03 j 04:53	0°♍	
max. Earth dist.	-1599 Sep 05 j 09:17	3°♍37'24	1.42485 AU
evening rise	-1599 Sep 12 j 05:26	14°♍38'25	
desc. node	-1599 Sep 12 j 12:23	15°♍05'45	
	-1599 Sep 22 j 05:49	0°♎	
greatest brilliancy	-1599 Oct 09 j 08:36	23°♎51'25	-0.4m
evening max el	-1599 Oct 14 j 03:27	29°♎17'29	21°55'42
	-1599 Oct 14 j 20:33	0°♏	
retrograde	-1599 Oct 23 j 08:20	4°♏45'47	
evening set	-1599 Oct 27 j 15:51	3°♏04'28	
asc. node	-1599 Oct 29 j 17:07	1°♏05'07	
	-1599 Oct 30 j 15:00	30°℞♎	
inferior conj	-1599 Nov 02 j 01:08	26°♎45'54	1°07'51
minimum elong	-1599 Nov 01 j 23:37	26°♎51'08	1°07'12
min. Earth dist.	-1599 Nov 02 j 03:48	26°♎36'42	0.67492 AU

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morning rise	-1599 Nov 07 j 07:09	20°♎30'15	
direct	-1599 Nov 12 j 01:59	18°♎30'52	
morning max el	-1599 Nov 21 j 23:18	24°♎23'48	22°49'37
greatest brilliancy	-1599 Nov 26 j 16:47	29°♎41'49	-0.3m
	-1599 Nov 26 j 22:46	0°♏	
desc. node	-1599 Dec 09 j 11:41	17°♏00'13	
	-1599 Dec 18 j 02:59	0°♐	
morning set	-1599 Dec 26 j 03:18	12°♐49'01	
max. Earth dist.	-1599 Dec 30 j 23:10	20°♐55'34	1.40092 AU
	-1598 Jan 05 j 03:41	0°♑	
superior conj	-1598 Jan 07 j 17:40	4°♑39'40	-1°-58'-11
minimum elong	-1598 Jan 07 j 18:56	4°♑45'26	1°58'12
evening rise	-1598 Jan 17 j 12:16	22°♑59'54	
	-1598 Jan 21 j 05:20	0°♒	
asc. node	-1598 Jan 25 j 16:23	7°♒58'09	
evening max el	-1598 Feb 02 j 17:14	19°♒00'11	18°26'02
retrograde	-1598 Feb 10 j 03:37	22°♒39'30	
evening set	-1598 Feb 12 j 14:51	22°♒16'33	
inferior conj	-1598 Feb 19 j 23:21	17°♒41'58	3°30'52
minimum elong	-1598 Feb 20 j 02:37	17°♒35'17	3°30'20
min. Earth dist.	-1598 Feb 23 j 09:33	14°♒56'02	0.58876 AU
morning rise	-1598 Feb 27 j 10:44	12°♒14'51	
direct	-1598 Mar 05 j 16:00	10°♒34'07	
desc. node	-1598 Mar 07 j 10:49	10°♒42'16	
morning max el	-1598 Mar 19 j 23:12	18°♒12'09	26°51'02
	-1598 Mar 29 j 20:07	0°♓	
	-1598 Apr 16 j 08:57	0°♈	
morning set	-1598 Apr 18 j 21:26	5°♈10'23	
asc. node	-1598 Apr 23 j 15:44	15°♈22'14	
superior conj	-1598 Apr 25 j 23:46	20°♈28'54	0°24'26
minimum elong	-1598 Apr 25 j 22:42	20°♈23'03	0°24'13
max. Earth dist.	-1598 Apr 25 j 21:55	20°♈18'45	1.32450 AU
	-1598 Apr 30 j 08:30	0°♉	
evening rise	-1598 May 02 j 23:32	5°♉34'58	
	-1598 May 15 j 23:29	0°♊	
evening max el	-1598 Jun 01 j 05:47	21°♊23'52	26°25'44
desc. node	-1598 Jun 03 j 10:02	23°♊20'56	
retrograde	-1598 Jun 15 j 06:44	28°♊39'36	
evening set	-1598 Jun 21 j 18:16	26°♊54'02	
min. Earth dist.	-1598 Jun 25 j 18:59	24°♊15'30	0.59714 AU
inferior conj	-1598 Jun 29 j 03:27	21°♊36'52	-4°-34'-23
minimum elong	-1598 Jun 29 j 04:16	21°♊35'16	4°34'21
morning rise	-1598 Jul 06 j 17:39	17°♊00'57	
direct	-1598 Jul 09 j 04:55	16°♊38'58	
morning max el	-1598 Jul 16 j 18:52	20°♊18'14	18°19'02
asc. node	-1598 Jul 20 j 15:01	24°♊46'19	
	-1598 Jul 24 j 02:32	0°♋	
morning set	-1598 Aug 01 j 18:29	15°♋40'14	
	-1598 Aug 09 j 08:40	0°♌	
superior conj	-1598 Aug 11 j 03:31	3°♌17'11	1°42'27
minimum elong	-1598 Aug 11 j 06:02	3°♌28'43	1°42'20
max. Earth dist.	-1598 Aug 18 j 15:41	16°♌35'01	1.40650 AU
evening rise	-1598 Aug 23 j 10:19	24°♌36'12	
	-1598 Aug 26 j 18:09	0°♍	
desc. node	-1598 Aug 30 j 09:24	5°♍44'00	
	-1598 Sep 16 j 02:30	0°♎	
greatest brilliancy	-1598 Sep 20 j 15:27	5°♎50'47	-0.2m
evening max el	-1598 Sep 26 j 18:25	12°♎46'31	23°15'11
retrograde	-1598 Oct 07 j 01:48	18°♎52'26	
evening set	-1598 Oct 11 j 22:55	16°♎52'21	
asc. node	-1598 Oct 16 j 14:10	11°♎31'28	
inferior conj	-1598 Oct 17 j 08:03	10°♎30'12	0°15'25
minimum elong	-1598 Oct 17 j 07:41	10°♎31'28	0°15'15
transit middle	-1598 Oct 17 j 07:41	10°♎31'28	0°15'15
transit begin	-1598 Oct 17 j 06:42	10°♎34'47	
transit end	-1598 Oct 17 j 08:39	10°♎28'08	
min. Earth dist.	-1598 Oct 17 j 00:21	10°♎56'37	0.67552 AU
morning rise	-1598 Oct 22 j 16:27	4°♎17'52	
direct	-1598 Oct 26 j 20:55	2°♎40'41	
morning max el	-1598 Nov 04 j 14:19	7°♎48'29	21°26'20
greatest brilliancy	-1598 Nov 09 j 18:08	13°♎44'17	-0.4m
	-1598 Nov 21 j 12:19	0°♏	
desc. node	-1598 Nov 26 j 08:43	7°♏12'27	
morning set	-1598 Dec 05 j 17:38	21°♏39'20	
	-1598 Dec 10 j 22:40	0°♐	
max. Earth dist.	-1598 Dec 13 j 00:44	3°♐24'47	1.42080 AU
superior conj	-1598 Dec 20 j 10:29	15°♐53'57	-1°-56'-46
minimum elong	-1598 Dec 20 j 08:00	15°♐43'15	1°56'44
	-1598 Dec 28 j 09:44	0°♑	
evening rise	-1598 Dec 31 j 13:49	5°♑45'09	
asc. node	-1597 Jan 12 j 13:26	26°♑19'22	
	-1597 Jan 15 j 07:38	0°♒	
evening max el	-1597 Jan 17 j 02:55	1°♒58'32	18°09'07
retrograde	-1597 Jan 23 j 21:16	5°♒25'40	
evening set	-1597 Jan 26 j 12:12	4°♒54'56	
inferior conj	-1597 Feb 02 j 06:26	29°♑58'12	3°53'46
minimum elong	-1597 Feb 02 j 07:14	29°♑56'19	3°53'43
	-1597 Feb 02 j 05:40	30°℞♑	
min. Earth dist.	-1597 Feb 05 j 10:35	27°♑00'11	0.60943 AU
morning rise	-1597 Feb 08 j 23:34	24°♑12'42	
direct	-1597 Feb 15 j 19:57	21°♑56'15	
desc. node	-1597 Feb 22 j 07:52	23°♑46'06	
morning max el	-1597 Mar 01 j 23:41	29°♑42'09	27°35'55
	-1597 Mar 02 j 06:54	0°♒	
	-1597 Mar 23 j 17:59	0°♓	
morning set	-1597 Apr 03 j 04:19	19°♓52'19	
	-1597 Apr 07 j 23:16	0°♈	
max. Earth dist.	-1597 Apr 09 j 10:22	3°♈10'27	1.32519 AU
superior conj	-1597 Apr 10 j 11:00	5°♈24'46	0°00'-46
minimum elong	-1597 Apr 10 j 11:02	5°♈24'59	0°00'47
behind sun begin	-1597 Apr 10 j 06:00	4°♈57'26	
behind sun end	-1597 Apr 10 j 16:05	5°♈52'34	
asc. node	-1597 Apr 10 j 12:47	5°♈34'32	
evening rise	-1597 Apr 17 j 10:23	20°♈30'56	
	-1597 Apr 22 j 01:59	0°♉	
	-1597 May 11 j 12:29	0°♊	
evening max el	-1597 May 14 j 00:30	2°♊33'56	25°11'14
desc. node	-1597 May 21 j 07:03	7°♊57'30	
retrograde	-1597 May 28 j 01:09	9°♊42'33	
evening set	-1597 Jun 02 j 10:12	8°♊35'40	
min. Earth dist.	-1597 Jun 07 j 12:21	5°♊48'14	0.57723 AU
inferior conj	-1597 Jun 10 j 15:06	3°♊40'48	-4°-23'-25
minimum elong	-1597 Jun 10 j 11:46	3°♊46'32	4°23'03
	-1597 Jun 17 j 00:01	30°℞♉	
morning rise	-1597 Jun 18 j 17:14	29°♉26'52	
direct	-1597 Jun 21 j 05:49	29°♉07'47	
	-1597 Jun 25 j 06:48	0°♊	
morning max el	-1597 Jun 29 j 22:09	3°♊11'30	19°00'52
asc. node	-1597 Jul 07 j 12:04	13°♊01'18	
morning set	-1597 Jul 16 j 14:46	29°♊46'31	
	-1597 Jul 16 j 17:30	0°♋	
superior conj	-1597 Jul 25 j 02:10	16°♋24'12	1°48'05
minimum elong	-1597 Jul 25 j 02:25	16°♋25'23	1°48'06
max. Earth dist.	-1597 Jul 31 j 18:36	28°♋51'24	1.38658 AU
	-1597 Aug 01 j 09:53	0°♌	
evening rise	-1597 Aug 04 j 16:34	5°♌46'21	
desc. node	-1597 Aug 17 j 06:25	26°♌12'05	
	-1597 Aug 19 j 19:03	0°♍	

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evening max el	-1597 Sep 09 j 06:19	26°♍18'18	24°34'43
	-1597 Sep 13 j 11:38	0°♎	
retrograde	-1597 Sep 20 j 15:32	2°♎57'24	
evening set	-1597 Sep 26 j 03:27	0°♎38'43	
	-1597 Sep 26 j 20:28	30°℞♍	
min. Earth dist.	-1597 Sep 30 j 19:41	25°♍17'22	0.67301 AU
inferior conj	-1597 Oct 01 j 13:51	24°♍16'40	0°-39'-1
minimum elong	-1597 Oct 01 j 14:48	24°♍13'30	0°38'37
asc. node	-1597 Oct 03 j 11:15	21°♍48'59	
morning rise	-1597 Oct 07 j 02:30	18°♍10'28	
direct	-1597 Oct 10 j 18:15	16°♍53'39	
morning max el	-1597 Oct 18 j 12:40	21°♍23'04	20°13'06
greatest brilliancy	-1597 Oct 25 j 09:27	29°♍43'17	-0.6m
	-1597 Oct 25 j 14:22	0°♎	
desc. node	-1597 Nov 13 j 05:45	27°♎39'07	
morning set	-1597 Nov 14 j 15:11	29°♎48'13	
	-1597 Nov 14 j 18:14	0°♏	
max. Earth dist.	-1597 Nov 25 j 10:05	16°♏46'12	1.43674 AU
superior conj	-1597 Dec 01 j 00:53	25°♏52'47	-1°-39'-25
minimum elong	-1597 Nov 30 j 18:10	25°♏25'11	1°38'54
	-1597 Dec 03 j 12:44	0°♐	
evening rise	-1597 Dec 13 j 22:26	17°♐41'46	
	-1597 Dec 21 j 01:55	0°♑	
asc. node	-1597 Dec 30 j 10:30	13°♑53'48	
evening max el	-1597 Dec 31 j 15:09	15°♑11'02	18°11'36
retrograde	-1596 Jan 07 j 03:34	18°♑39'19	
evening set	-1596 Jan 09 j 22:16	17°♑59'56	
inferior conj	-1596 Jan 16 j 05:24	12°♑42'16	3°52'13
minimum elong	-1596 Jan 16 j 04:07	12°♑45'42	3°52'07
min. Earth dist.	-1596 Jan 18 j 20:35	9°♑54'33	0.62890 AU
morning rise	-1596 Jan 22 j 08:06	6°♑44'21	
direct	-1596 Jan 29 j 08:34	4°♑03'12	
desc. node	-1596 Feb 09 j 04:55	9°♑05'19	
morning max el	-1596 Feb 12 j 05:51	11°♑52'23	27°44'16
	-1596 Feb 26 j 15:44	0°♒	
	-1596 Mar 15 j 02:23	0°♓	
morning set	-1596 Mar 17 j 05:31	4°♓13'45	
max. Earth dist.	-1596 Mar 22 j 18:24	15°♓43'40	1.32953 AU
superior conj	-1596 Mar 24 j 20:02	20°♓09'57	0°-26'-51
minimum elong	-1596 Mar 24 j 21:17	20°♓16'43	0°26'36
asc. node	-1596 Mar 27 j 09:50	25°♓44'21	
	-1596 Mar 29 j 09:09	0°♈	
evening rise	-1596 Mar 31 j 22:09	5°♈25'25	
	-1596 Apr 14 j 03:29	0°♉	
evening max el	-1596 Apr 24 j 15:32	13°♉15'21	23°39'46
desc. node	-1596 May 07 j 04:04	20°♉02'47	
retrograde	-1596 May 08 j 07:46	20°♉05'49	
evening set	-1596 May 12 j 06:59	19°♉31'05	
min. Earth dist.	-1596 May 19 j 02:17	16°♉20'25	0.56093 AU
inferior conj	-1596 May 21 j 06:38	15°♉01'36	-3°-32'-43
minimum elong	-1596 May 21 j 00:05	15°♉11'30	3°31'13
morning rise	-1596 May 29 j 20:51	11°♉03'39	
direct	-1596 Jun 01 j 11:21	10°♉46'35	
morning max el	-1596 Jun 11 j 15:58	15°♉29'30	20°03'29
	-1596 Jun 22 j 07:16	0°♊	
asc. node	-1596 Jun 23 j 09:08	1°♊54'59	
morning set	-1596 Jun 29 j 18:17	14°♊16'25	
	-1596 Jul 07 j 11:49	0°♋	
superior conj	-1596 Jul 07 j 14:47	0°♋14'50	1°44'50
minimum elong	-1596 Jul 07 j 13:22	0°♋07'47	1°44'47
max. Earth dist.	-1596 Jul 12 j 22:57	10°♋41'56	1.36763 AU
evening rise	-1596 Jul 16 j 22:10	18°♋05'22	
	-1596 Jul 23 j 17:38	0°♌	
desc. node	-1596 Aug 03 j 03:27	16°♌24'45	

	-1596 Aug 13 j 00:29	0°♍	
evening max el	-1596 Aug 21 j 17:25	9°♍52'54	25°46'58
retrograde	-1596 Sep 03 j 00:56	16°♍56'24	
evening set	-1596 Sep 09 j 03:38	14°♍21'53	
min. Earth dist.	-1596 Sep 13 j 11:29	9°♍37'08	0.66721 AU
inferior conj	-1596 Sep 14 j 16:50	8°♍03'40	-1°-33'-49
minimum elong	-1596 Sep 14 j 19:08	7°♍56'21	1°32'53
asc. node	-1596 Sep 19 j 08:18	2°♍55'14	
morning rise	-1596 Sep 20 j 11:22	2°♍06'33	
direct	-1596 Sep 23 j 16:34	1°♍06'50	
morning max el	-1596 Sep 30 j 18:24	5°♍07'13	19°13'38
	-1596 Oct 18 j 10:12	0°♎	
morning set	-1596 Oct 23 j 20:00	8°♎26'16	
desc. node	-1596 Oct 30 j 02:50	18°♎16'13	
	-1596 Nov 06 j 14:04	0°♏	
max. Earth dist.	-1596 Nov 07 j 01:11	0°♏43'52	1.44668 AU
superior conj	-1596 Nov 09 j 13:40	4°♏43'06	-1°-4'-19
minimum elong	-1596 Nov 09 j 06:19	4°♏13'59	1°03'30
evening rise	-1596 Nov 24 j 09:50	28°♏42'36	
	-1596 Nov 25 j 04:37	0°♐	
evening max el	-1596 Dec 14 j 03:19	28°♐32'34	18°32'39
	-1596 Dec 15 j 16:55	0°♑	
asc. node	-1596 Dec 16 j 07:32	0°♑28'51	
retrograde	-1596 Dec 20 j 18:11	2°♑12'47	
evening set	-1596 Dec 23 j 17:35	1°♑23'31	
	-1596 Dec 25 j 16:50	30°℞♐	
inferior conj	-1596 Dec 29 j 16:25	25°♐47'11	3°33'24
minimum elong	-1596 Dec 29 j 13:54	25°♐54'36	3°32'57
min. Earth dist.	-1596 Dec 31 j 16:33	23°♐25'44	0.64551 AU
morning rise	-1595 Jan 04 j 08:54	19°♐40'55	
direct	-1595 Jan 11 j 04:45	16°♐49'51	
morning max el	-1595 Jan 24 j 15:04	24°♐34'54	27°17'22
desc. node	-1595 Jan 26 j 02:00	26°♐04'42	
	-1595 Jan 29 j 13:40	0°♑	
	-1595 Feb 19 j 01:08	0°♒	
morning set	-1595 Feb 28 j 22:11	18°♒05'15	
max. Earth dist.	-1595 Mar 05 j 17:52	27°♒45'27	1.33800 AU
	-1595 Mar 06 j 19:53	0°♓	
superior conj	-1595 Mar 09 j 00:58	4°♓38'09	0°-52'-46
minimum elong	-1595 Mar 09 j 03:24	4°♓50'57	0°52'20
asc. node	-1595 Mar 14 j 06:53	15°♓47'28	
evening rise	-1595 Mar 16 j 09:04	20°♓12'01	
	-1595 Mar 21 j 05:21	0°♈	
evening max el	-1595 Apr 06 j 09:25	23°♈56'15	22°05'42
	-1595 Apr 17 j 03:29	0°♉	
retrograde	-1595 Apr 19 j 02:32	0°♉08'51	
	-1595 Apr 21 j 02:16	30°℞♈	
evening set	-1595 Apr 21 j 21:15	29°♈51'43	
desc. node	-1595 Apr 24 j 01:06	29°♈16'22	
min. Earth dist.	-1595 Apr 30 j 15:45	26°♈05'26	0.55169 AU
inferior conj	-1595 May 01 j 06:08	25°♈45'10	-1°-59'-31
minimum elong	-1595 May 01 j 00:50	25°♈52'38	1°57'47
morning rise	-1595 May 10 j 05:58	21°♈49'04	
direct	-1595 May 13 j 01:51	21°♈31'06	
morning max el	-1595 May 24 j 22:49	27°♈05'28	21°25'18
	-1595 May 27 j 18:20	0°♉	
asc. node	-1595 Jun 10 j 06:12	21°♉17'18	
morning set	-1595 Jun 14 j 02:32	29°♉02'24	
	-1595 Jun 14 j 13:40	0°♊	
superior conj	-1595 Jun 21 j 13:05	14°♊35'49	1°34'47
minimum elong	-1595 Jun 21 j 10:46	14°♊23'47	1°34'36
max. Earth dist.	-1595 Jun 25 j 10:31	22°♊33'13	1.35158 AU
	-1595 Jun 29 j 05:27	0°♋	
evening rise	-1595 Jun 29 j 22:05	1°♋19'33	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1595 Jul 16 j 17:56	0°♌		
desc. node	-1595 Jul 21 j 00:27	6°♌14'12		
evening max el	-1595 Aug 04 j 04:59	23°♌25'06	26°44'04	
	-1595 Aug 13 j 13:55	0°♍		
retrograde	-1595 Aug 17 j 05:17	0°♍41'54		
	-1595 Aug 20 j 15:11	30°℞♌		
evening set	-1595 Aug 23 j 21:13	27°♌57'40		
min. Earth dist.	-1595 Aug 27 j 21:21	23°♌50'49	0.65792 AU	
inferior conj	-1595 Aug 29 j 14:58	21°♌47'07	-2°-27'-9	
minimum elong	-1595 Aug 29 j 18:29	21°♌36'40	2°25'54	
morning rise	-1595 Sep 04 j 16:56	16°♌02'09		
asc. node	-1595 Sep 06 j 05:22	15°♌26'14		
direct	-1595 Sep 07 j 13:59	15°♌15'53		
morning max el	-1595 Sep 14 j 05:46	18°♌56'07	18°29'54	
	-1595 Sep 22 j 14:05	0°♍		
morning set	-1595 Oct 04 j 01:41	18°♍19'46		
	-1595 Oct 11 j 08:01	0°♎		
desc. node	-1595 Oct 16 j 23:52	8°♎59'13		
superior conj	-1595 Oct 19 j 13:44	13°♎03'14	0°-16'-38	
minimum elong	-1595 Oct 19 j 11:32	12°♎54'32	0°16'23	
max. Earth dist.	-1595 Oct 20 j 19:06	14°♎58'51	1.44950 AU	
	-1595 Oct 30 j 08:26	0°♏		
evening rise	-1595 Nov 04 j 21:00	8°♏42'29		
greatest brilliancy	-1595 Nov 16 j 16:10	27°♏14'07	-0.7m	
	-1595 Nov 18 j 11:52	0°♐		
evening max el	-1595 Nov 27 j 13:01	11°♐58'45	19°11'11	
asc. node	-1595 Dec 03 j 04:34	15°♐49'34		
retrograde	-1595 Dec 04 j 13:31	16°♐00'08		
evening set	-1595 Dec 07 j 19:18	14°♐59'04		
inferior conj	-1595 Dec 13 j 12:03	9°♐06'48	3°02'24	
minimum elong	-1595 Dec 13 j 09:07	9°♐16'08	3°01'36	
min. Earth dist.	-1595 Dec 14 j 21:36	7°♐20'26	0.65844 AU	
morning rise	-1595 Dec 18 j 22:02	2°♐55'02		
direct	-1595 Dec 25 j 07:12	0°♐08'07		
morning max el	-1594 Jan 07 j 00:34	7°♐37'07	26°21'35	
desc. node	-1594 Jan 12 j 23:06	14°♐15'24		
	-1594 Jan 24 j 12:09	0°♑		
	-1594 Feb 11 j 10:24	0°♒		
morning set	-1594 Feb 12 j 02:31	1°♒15'13		
max. Earth dist.	-1594 Feb 16 j 05:52	9°♒12'03	1.35104 AU	
superior conj	-1594 Feb 20 j 23:32	18°♒42'39	-1°-17'-10	
minimum elong	-1594 Feb 21 j 02:50	18°♒59'36	1°16'41	
	-1594 Feb 26 j 10:15	0°♓		
evening rise	-1594 Feb 28 j 17:15	4°♓44'52		
asc. node	-1594 Mar 01 j 03:54	5°♓39'33		
	-1594 Mar 15 j 01:42	0°♈		
evening max el	-1594 Mar 19 j 12:07	5°♈02'36	20°41'09	
retrograde	-1594 Mar 30 j 15:35	10°♈23'08		
evening set	-1594 Apr 01 j 21:26	10°♈11'02		
desc. node	-1594 Apr 10 j 22:08	6°♈17'57		
inferior conj	-1594 Apr 11 j 01:00	6°♈13'49	0°-2'-1	
minimum elong	-1594 Apr 11 j 00:55	6°♈13'57	0°01'58	
transit middle	-1594 Apr 11 j 00:55	6°♈13'57	0°01'58	
transit begin	-1594 Apr 10 j 20:52	6°♈19'46		
transit end	-1594 Apr 11 j 04:57	6°♈08'08		
min. Earth dist.	-1594 Apr 12 j 05:35	5°♈32'43	0.55175 AU	
morning rise	-1594 Apr 20 j 02:50	2°♈01'26		
direct	-1594 Apr 23 j 13:38	1°♈35'36		
morning max el	-1594 May 06 j 19:40	8°♈01'44	23°01'17	
	-1594 May 22 j 11:42	0°♉		
asc. node	-1594 May 28 j 03:15	11°♉00'42		
morning set	-1594 May 29 j 13:35	13°♉58'40		
superior conj	-1594 Jun 05 j 17:59	29°♉17'30	1°19'33	
minimum elong	-1594 Jun 05 j 15:25	29°♉03'48	1°19'14	
	-1594 Jun 06 j 01:58	0°♊		
max. Earth dist.	-1594 Jun 08 j 08:04	4°♊45'44	1.33925 AU	
evening rise	-1594 Jun 13 j 11:30	15°♊15'04		
	-1594 Jun 21 j 08:37	0°♋		
desc. node	-1594 Jul 07 j 21:25	25°♋30'33		
	-1594 Jul 11 j 11:03	0°♌		
evening max el	-1594 Jul 17 j 16:36	6°♌45'49	27°18'21	
retrograde	-1594 Jul 31 j 03:59	14°♌06'30		
evening set	-1594 Aug 07 j 05:27	11°♌21'57		
min. Earth dist.	-1594 Aug 10 j 23:04	7°♌51'52	0.64500 AU	
inferior conj	-1594 Aug 13 j 05:58	5°♌22'43	-3°-16'-34	
minimum elong	-1594 Aug 13 j 10:15	5°♌11'04	3°15'19	
	-1594 Aug 19 j 11:03	30°℞♋		
morning rise	-1594 Aug 19 j 16:45	29°♋53'18		
direct	-1594 Aug 22 j 08:10	29°♋16'58		
asc. node	-1594 Aug 24 j 02:27	29°♋33'12		
	-1594 Aug 25 j 05:21	0°♌		
morning max el	-1594 Aug 28 j 20:26	2°♌45'18	18°03'07	
morning set	-1594 Sep 15 j 11:17	29°♌34'26		
	-1594 Sep 15 j 17:20	0°♍		
superior conj	-1594 Sep 28 j 23:15	21°♍54'57	0°31'34	
minimum elong	-1594 Sep 29 j 02:50	22°♍09'21	0°31'05	
max. Earth dist.	-1594 Oct 03 j 13:14	29°♍14'39	1.44500 AU	
desc. node	-1594 Oct 03 j 20:51	29°♍44'53		
	-1594 Oct 04 j 00:40	0°♎		
evening rise	-1594 Oct 15 j 10:56	17°♎50'58		
	-1594 Oct 23 j 09:04	0°♏		
greatest brilliancy	-1594 Nov 03 j 19:22	16°♏50'00	-0.6m	
evening max el	-1594 Nov 10 j 18:14	25°♏26'14	20°05'21	
retrograde	-1594 Nov 18 j 10:48	29°♏56'44		
asc. node	-1594 Nov 20 j 01:36	29°♏41'42		
evening set	-1594 Nov 22 j 00:59	28°♏41'38		
inferior conj	-1594 Nov 27 j 13:32	22°♏36'22	2°22'38	
minimum elong	-1594 Nov 27 j 10:48	22°♏45'30	2°21'41	
min. Earth dist.	-1594 Nov 28 j 09:55	21°♏28'18	0.66760 AU	
morning rise	-1594 Dec 02 j 20:03	16°♏21'23		
direct	-1594 Dec 08 j 15:04	13°♏49'04		
morning max el	-1594 Dec 20 j 09:09	20°♏48'21	25°05'46	
	-1594 Dec 28 j 08:07	0°♐		
desc. node	-1594 Dec 30 j 20:09	3°♐15'54		
	-1593 Jan 17 j 17:03	0°♑		
morning set	-1593 Jan 25 j 13:17	13°♑27'56		
max. Earth dist.	-1593 Jan 29 j 06:54	20°♑16'33	1.36847 AU	
	-1593 Feb 03 j 09:20	0°♒		
superior conj	-1593 Feb 04 j 12:42	2°♒14'05	-1°-38'-14	
minimum elong	-1593 Feb 04 j 16:14	2°♒31'31	1°37'53	
evening rise	-1593 Feb 12 j 20:34	18°♒56'51		
asc. node	-1593 Feb 16 j 00:55	25°♒14'59		
	-1593 Feb 18 j 12:57	0°♓		
evening max el	-1593 Mar 02 j 01:40	16°♓44'42	19°33'08	
retrograde	-1593 Mar 11 j 12:09	21°♓15'19		
evening set	-1593 Mar 13 j 17:23	21°♓01'29		
inferior conj	-1593 Mar 22 j 05:24	16°♓56'23	1°46'46	
minimum elong	-1593 Mar 22 j 09:26	16°♓49'55	1°45'30	
min. Earth dist.	-1593 Mar 24 j 19:57	15°♓16'35	0.56108 AU	
desc. node	-1593 Mar 28 j 19:12	13°♓04'52		
morning rise	-1593 Mar 30 j 21:55	12°♓14'25		
direct	-1593 Apr 04 j 09:44	11°♓28'59		
morning max el	-1593 Apr 18 j 10:49	18°♓34'28	24°41'20	
	-1593 Apr 27 j 22:29	0°♈		
morning set	-1593 May 14 j 01:40	28°♈58'45		
	-1593 May 14 j 13:17	0°♉		
asc. node	-1593 May 15 j 00:17	0°♉58'17		
superior conj	-1593 May 21 j 03:02	14°♉11'20	1°00'23	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1593 May 21 j 00:44	13°♉58'54	1°00'00
max. Earth dist.	-1593 May 22 j 14:11	17°♉21'32	1.33066 AU
evening rise	-1593 May 28 j 10:24	29°♉39'01	
	-1593 May 28 j 14:32	0°♊	
	-1593 Jun 14 j 10:56	0°♋	
desc. node	-1593 Jun 24 j 18:26	13°♋59'46	
evening max el	-1593 Jun 30 j 02:04	19°♋41'21	27°23'36
retrograde	-1593 Jul 13 j 20:23	27°♋01'24	
evening set	-1593 Jul 21 j 00:53	24°♋28'56	
min. Earth dist.	-1593 Jul 24 j 14:52	21°♋29'47	0.62841 AU
inferior conj	-1593 Jul 27 j 11:01	18°♋44'08	-3°-58'-27
minimum elong	-1593 Jul 27 j 15:11	18°♋33'58	3°57'36
morning rise	-1593 Aug 03 j 07:46	13°♋33'44	
direct	-1593 Aug 05 j 19:59	13°♋04'33	
asc. node	-1593 Aug 10 j 23:31	15°♋08'53	
morning max el	-1593 Aug 12 j 11:42	16°♋29'17	17°54'20
	-1593 Aug 22 j 00:36	0°♌	
morning set	-1593 Aug 28 j 20:09	11°♌56'01	
	-1593 Sep 08 j 04:57	0°♍	
superior conj	-1593 Sep 09 j 09:53	2°♍02'14	1°09'43
minimum elong	-1593 Sep 09 j 15:13	2°♍24'39	1°09'08
max. Earth dist.	-1593 Sep 16 j 04:26	13°♍13'00	1.43379 AU
desc. node	-1593 Sep 20 j 17:51	20°♍30'30	
evening rise	-1593 Sep 24 j 16:45	26°♍42'15	
	-1593 Sep 26 j 19:55	0°♎	
	-1593 Oct 17 j 08:30	0°♏	
greatest brilliancy	-1593 Oct 19 j 11:05	2°♏45'07	-0.4m
evening max el	-1593 Oct 24 j 17:39	8°♏53'40	21°12'30
retrograde	-1593 Nov 02 j 07:56	13°♏59'47	
evening set	-1593 Nov 06 j 08:36	12°♏28'24	
asc. node	-1593 Nov 06 j 22:40	11°♏59'40	
inferior conj	-1593 Nov 11 j 18:38	6°♏13'31	1°36'32
minimum elong	-1593 Nov 11 j 16:35	6°♏20'36	1°35'42
min. Earth dist.	-1593 Nov 12 j 03:22	5°♏43'30	0.67321 AU
	-1593 Nov 16 j 23:05	30°℞♎	
morning rise	-1593 Nov 17 j 00:13	29°♎57'31	
direct	-1593 Nov 22 j 03:45	27°♎45'37	
	-1593 Nov 28 j 01:05	0°♏	
morning max el	-1593 Dec 02 j 17:59	4°♏04'20	23°39'52
desc. node	-1593 Dec 17 j 17:11	22°♏51'53	
	-1593 Dec 22 j 15:02	0°♐	
morning set	-1592 Jan 07 j 00:24	24°♐27'31	
	-1592 Jan 10 j 05:39	0°♑	
max. Earth dist.	-1592 Jan 11 j 02:34	1°♑31'44	1.38886 AU
superior conj	-1592 Jan 18 j 12:38	15°♑02'13	-1°-53'-24
minimum elong	-1592 Jan 18 j 15:14	15°♑14'22	1°53'19
	-1592 Jan 26 j 07:21	0°♒	
evening rise	-1592 Jan 27 j 16:29	2°♒41'20	
asc. node	-1592 Feb 02 j 21:57	14°♒27'52	
evening max el	-1592 Feb 13 j 01:05	29°♒02'04	18°44'39
	-1592 Feb 14 j 02:46	0°♓	
retrograde	-1592 Feb 21 j 02:01	2°♓55'52	
evening set	-1592 Feb 23 j 10:47	2°♓36'54	
	-1592 Feb 28 j 17:48	30°℞♒	
inferior conj	-1592 Mar 02 j 04:48	28°♒14'03	3°03'22
minimum elong	-1592 Mar 02 j 09:08	28°♒05'57	3°02'24
min. Earth dist.	-1592 Mar 05 j 12:33	25°♒46'29	0.57745 AU
morning rise	-1592 Mar 10 j 03:32	23°♒01'02	
desc. node	-1592 Mar 14 j 16:17	21°♒45'51	
direct	-1592 Mar 15 j 19:02	21°♒42'46	
morning max el	-1592 Mar 30 j 02:40	29°♒12'33	26°10'34
	-1592 Mar 30 j 21:52	0°♓	
	-1592 Apr 20 j 12:38	0°♈	
morning set	-1592 Apr 27 j 13:07	13°♈56'53	
asc. node	-1592 Apr 30 j 21:19	21°♈05'06	

superior conj	-1592 May 04 j 14:16	29°♈10'50	0°38'13
minimum elong	-1592 May 04 j 12:40	29°♈02'03	0°37'54
	-1592 May 04 j 23:15	0°♉	
max. Earth dist.	-1592 May 05 j 01:35	0°♉12'46	1.32570 AU
evening rise	-1592 May 11 j 15:47	14°♉21'37	
	-1592 May 19 j 15:43	0°♊	
	-1592 Jun 09 j 07:18	0°♋	
desc. node	-1592 Jun 10 j 15:27	1°♋21'44	
evening max el	-1592 Jun 11 j 06:44	1°♋58'46	26°56'06
retrograde	-1592 Jun 25 j 05:49	9°♋17'03	
evening set	-1592 Jul 02 j 03:13	7°♋10'38	
min. Earth dist.	-1592 Jul 05 j 20:23	4°♋29'48	0.60892 AU
inferior conj	-1592 Jul 09 j 02:43	1°♋42'35	-4°-27'-10
minimum elong	-1592 Jul 09 j 05:17	1°♋37'04	4°26'54
	-1592 Jul 11 j 03:59	30°℞♊	
morning rise	-1592 Jul 16 j 10:23	26°♊54'03	
direct	-1592 Jul 18 j 21:29	26°♊29'55	
morning max el	-1592 Jul 26 j 00:43	0°♋00'35	18°04'27
	-1592 Jul 26 j 00:28	0°♋	
asc. node	-1592 Jul 27 j 20:35	1°♋58'10	
morning set	-1592 Aug 10 j 22:22	25°♋07'30	
	-1592 Aug 13 j 13:24	0°♌	
superior conj	-1592 Aug 20 j 23:44	13°♌30'17	1°34'14
minimum elong	-1592 Aug 21 j 03:37	13°♌47'31	1°33'57
max. Earth dist.	-1592 Aug 28 j 13:58	26°♌35'01	1.41735 AU
	-1592 Aug 30 j 15:23	0°♍	
evening rise	-1592 Sep 03 j 09:02	6°♍04'04	
desc. node	-1592 Sep 06 j 14:50	11°♍12'23	
	-1592 Sep 19 j 02:27	0°♎	
greatest brilliancy	-1592 Oct 01 j 16:38	16°♎59'17	-0.3m
evening max el	-1592 Oct 06 j 11:12	22°♎20'59	22°28'58
retrograde	-1592 Oct 16 j 03:16	28°♎05'57	
evening set	-1592 Oct 20 j 16:23	26°♎16'34	
asc. node	-1592 Oct 23 j 19:44	22°♎56'16	
inferior conj	-1592 Oct 26 j 01:24	19°♎55'44	0°45'55
minimum elong	-1592 Oct 26 j 00:21	19°♎59'23	0°45'29
min. Earth dist.	-1592 Oct 25 j 23:33	20°♎02'10	0.67556 AU
morning rise	-1592 Oct 31 j 08:13	13°♎41'10	
direct	-1592 Nov 04 j 20:39	11°♎51'36	
morning max el	-1592 Nov 14 j 05:53	17°♎25'09	22°13'15
greatest brilliancy	-1592 Nov 18 j 22:35	22°♎42'43	-0.3m
	-1592 Nov 24 j 13:20	0°♏	
desc. node	-1592 Dec 03 j 14:12	12°♏52'49	
	-1592 Dec 14 j 18:11	0°♐	
morning set	-1592 Dec 17 j 06:49	4°♐02'43	
max. Earth dist.	-1592 Dec 23 j 00:05	13°♐27'59	1.40972 AU
superior conj	-1592 Dec 30 j 18:23	26°♐54'08	-1°-59'-16
minimum elong	-1592 Dec 30 j 18:15	26°♐53'36	1°59'19
	-1591 Jan 01 j 11:51	0°♑	
evening rise	-1591 Jan 10 j 01:48	15°♑50'18	
	-1591 Jan 17 j 20:54	0°♒	
asc. node	-1591 Jan 19 j 19:00	3°♒10'34	
evening max el	-1591 Jan 26 j 07:51	11°♒47'47	18°16'23
retrograde	-1591 Feb 02 j 10:18	15°♒20'28	
evening set	-1591 Feb 04 j 22:59	14°♒54'28	
inferior conj	-1591 Feb 12 j 01:01	10°♒10'32	3°44'04
minimum elong	-1591 Feb 12 j 03:16	10°♒05'40	3°43'49
min. Earth dist.	-1591 Feb 15 j 09:56	7°♒16'09	0.59750 AU
morning rise	-1591 Feb 19 j 04:13	4°♒34'18	
direct	-1591 Feb 25 j 17:07	2°♒37'25	
desc. node	-1591 Mar 01 j 13:20	3°♒15'46	
morning max el	-1591 Mar 11 j 23:40	10°♒20'24	27°14'30
	-1591 Mar 27 j 04:46	0°♓	
morning set	-1591 Apr 11 j 22:14	28°♓47'11	
	-1591 Apr 12 j 12:13	0°♈	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1591 Apr 17 j 18:21	11°♈16'57	
max. Earth dist.	-1591 Apr 18 j 14:40	13°♈08'03	1.32427 AU
superior conj	-1591 Apr 19 j 02:01	14°♈10'17	0°13'54
minimum elong	-1591 Apr 19 j 01:24	14°♈06'52	0°13'46
behind sun begin	-1591 Apr 18 j 22:56	13°♈53'20	
behind sun end	-1591 Apr 19 j 03:52	14°♈20'24	
evening rise	-1591 Apr 26 j 01:13	29°♈15'08	
	-1591 Apr 26 j 09:47	0°♉	
	-1591 May 13 j 02:43	0°♊	
evening max el	-1591 May 24 j 05:01	13°♊32'54	25°57'02
desc. node	-1591 May 28 j 12:30	17°♊09'12	
retrograde	-1591 Jun 07 j 06:48	20°♊47'22	
evening set	-1591 Jun 13 j 08:23	19°♊18'03	
min. Earth dist.	-1591 Jun 17 j 17:36	16°♊37'47	0.58834 AU
inferior conj	-1591 Jun 21 j 01:33	14°♊09'35	-4°-33'-59
minimum elong	-1591 Jun 21 j 00:42	14°♊11'10	4°33'56
morning rise	-1591 Jun 28 j 20:47	9°♊43'35	
direct	-1591 Jul 01 j 08:20	9°♊23'06	
morning max el	-1591 Jul 09 j 08:29	13°♊11'14	18°34'22
asc. node	-1591 Jul 14 j 17:38	19°♊46'14	
	-1591 Jul 20 j 19:51	0°♋	
morning set	-1591 Jul 25 j 13:11	8°♋56'53	
superior conj	-1591 Aug 03 j 12:07	26°♋06'14	1°46'05
minimum elong	-1591 Aug 03 j 13:37	26°♋13'17	1°46'02
	-1591 Aug 05 j 14:37	0°♌	
max. Earth dist.	-1591 Aug 10 j 17:58	9°♌12'36	1.39799 AU
evening rise	-1591 Aug 15 j 00:36	16°♌32'24	
	-1591 Aug 23 j 08:16	0°♍	
desc. node	-1591 Aug 24 j 11:51	1°♍47'00	
	-1591 Sep 13 j 17:38	0°♎	
evening max el	-1591 Sep 19 j 00:29	5°♎50'59	23°49'22
retrograde	-1591 Sep 29 j 19:25	12°♎12'33	
evening set	-1591 Oct 04 j 22:37	10°♎04'32	
inferior conj	-1591 Oct 10 j 08:06	3°♎41'43	0°-7'-30
minimum elong	-1591 Oct 10 j 08:16	3°♎41'07	0°07'26
transit middle	-1591 Oct 10 j 08:16	3°♎41'07	0°07'26
transit begin	-1591 Oct 10 j 05:51	3°♎49'21	
transit end	-1591 Oct 10 j 10:41	3°♎32'53	
min. Earth dist.	-1591 Oct 09 j 20:00	4°♎22'52	0.67482 AU
asc. node	-1591 Oct 10 j 16:49	3°♎12'04	
	-1591 Oct 13 j 04:45	30°℞♍	
morning rise	-1591 Oct 15 j 18:05	27°♍31'22	
direct	-1591 Oct 19 j 16:49	26°♍03'13	
	-1591 Oct 27 j 01:48	0°♎	
morning max el	-1591 Oct 27 j 23:53	0°♎54'09	20°53'34
greatest brilliancy	-1591 Nov 02 j 18:25	7°♎40'31	-0.5m
	-1591 Nov 18 j 08:38	0°♏	
desc. node	-1591 Nov 20 j 11:14	3°♏11'51	
morning set	-1591 Nov 26 j 11:36	12°♏28'07	
max. Earth dist.	-1591 Dec 05 j 04:24	26°♏18'31	1.42823 AU
	-1591 Dec 07 j 10:36	0°♐	
superior conj	-1591 Dec 12 j 00:26	7°♐37'25	-1°-51'-34
minimum elong	-1591 Dec 11 j 20:01	7°♐18'50	1°51'22
evening rise	-1591 Dec 23 j 20:42	28°♐15'53	
	-1591 Dec 24 j 20:03	0°♑	
asc. node	-1590 Jan 06 j 16:04	21°♑13'35	
evening max el	-1590 Jan 09 j 19:01	24°♑53'26	18°07'52
retrograde	-1590 Jan 16 j 09:43	28°♑19'24	
evening set	-1590 Jan 19 j 02:11	27°♑45'10	
inferior conj	-1590 Jan 25 j 15:22	22°♑39'41	3°55'36
minimum elong	-1590 Jan 25 j 15:11	22°♑40'08	3°55'35
min. Earth dist.	-1590 Jan 28 j 14:41	19°♑43'16	0.61802 AU
morning rise	-1590 Feb 01 j 01:49	16°♑48'19	
direct	-1590 Feb 08 j 01:22	14°♑19'14	
desc. node	-1590 Feb 16 j 10:25	17°♑21'40	
morning max el	-1590 Feb 22 j 02:41	22°♑07'45	27°43'55
	-1590 Mar 01 j 01:28	0°♒	
	-1590 Mar 20 j 06:12	0°♓	
morning set	-1590 Mar 27 j 02:59	13°♓21'25	
max. Earth dist.	-1590 Apr 02 j 01:30	25°♓52'37	1.32649 AU
superior conj	-1590 Apr 03 j 12:32	29°♓02'38	0°-11'-47
minimum elong	-1590 Apr 03 j 13:05	29°♓05'36	0°11'41
behind sun begin	-1590 Apr 03 j 09:36	28°♓46'42	
behind sun end	-1590 Apr 03 j 16:33	29°♓24'31	
	-1590 Apr 03 j 23:05	0°♈	
asc. node	-1590 Apr 04 j 15:23	1°♈28'51	
evening rise	-1590 Apr 10 j 12:40	14°♈11'18	
	-1590 Apr 18 j 12:24	0°♉	
evening max el	-1590 May 05 j 21:40	24°♉28'33	24°33'43
	-1590 May 13 j 12:30	0°♊	
desc. node	-1590 May 15 j 09:33	0°♊45'48	
retrograde	-1590 May 19 j 20:32	1°♊31'24	
evening set	-1590 May 24 j 15:10	0°♊40'00	
	-1590 May 26 j 06:50	30°℞♉	
min. Earth dist.	-1590 May 30 j 09:26	27°♉43'56	0.56958 AU
inferior conj	-1590 Jun 02 j 04:36	25°♉55'38	-4°-7'-19
minimum elong	-1590 Jun 01 j 23:34	26°♉03'49	4°06'32
morning rise	-1590 Jun 10 j 11:53	21°♉49'19	
direct	-1590 Jun 13 j 01:01	21°♉31'19	
morning max el	-1590 Jun 22 j 08:00	25°♉50'29	19°24'58
	-1590 Jun 26 j 01:58	0°♊	
asc. node	-1590 Jul 01 j 14:41	8°♊18'59	
morning set	-1590 Jul 09 j 12:52	23°♊13'54	
	-1590 Jul 12 j 21:54	0°♋	
superior conj	-1590 Jul 17 j 17:14	9°♋33'00	1°47'39
minimum elong	-1590 Jul 17 j 16:41	9°♋30'20	1°47'40
max. Earth dist.	-1590 Jul 23 j 20:30	21°♋13'53	1.37827 AU
evening rise	-1590 Jul 27 j 17:18	28°♋13'13	
	-1590 Jul 28 j 17:35	0°♌	
desc. node	-1590 Aug 11 j 08:53	22°♌09'12	
	-1590 Aug 16 j 17:54	0°♍	
evening max el	-1590 Sep 01 j 11:57	19°♍24'48	25°06'54
retrograde	-1590 Sep 13 j 07:22	26°♍15'23	
evening set	-1590 Sep 19 j 01:33	23°♍49'48	
min. Earth dist.	-1590 Sep 23 j 14:14	18°♍43'31	0.67093 AU
inferior conj	-1590 Sep 24 j 12:57	17°♍28'59	-1°-2'-17
minimum elong	-1590 Sep 24 j 14:28	17°♍23'58	1°01'39
asc. node	-1590 Sep 27 j 13:52	13°♍44'15	
morning rise	-1590 Sep 30 j 03:52	11°♍26'01	
direct	-1590 Oct 03 j 14:54	10°♍16'44	
morning max el	-1590 Oct 11 j 01:22	14°♍32'40	19°45'56
greatest brilliancy	-1590 Oct 19 j 01:30	24°♍34'51	-0.6m
	-1590 Oct 22 j 19:20	0°♎	
morning set	-1590 Nov 05 j 09:16	20°♎41'18	
desc. node	-1590 Nov 07 j 08:17	23°♎43'39	
	-1590 Nov 11 j 08:50	0°♏	
max. Earth dist.	-1590 Nov 17 j 16:29	9°♏57'53	1.44182 AU
superior conj	-1590 Nov 22 j 03:24	17°♏06'01	-1°-26'-37
minimum elong	-1590 Nov 21 j 19:42	16°♏34'57	1°25'54
	-1590 Nov 30 j 00:22	0°♐	
evening rise	-1590 Dec 05 j 20:50	9°♐50'09	
	-1590 Dec 18 j 01:03	0°♑	
evening max el	-1590 Dec 24 j 07:39	8°♑11'39	18°18'21
asc. node	-1590 Dec 24 j 13:07	8°♑25'19	
retrograde	-1590 Dec 30 j 19:59	11°♑43'22	
evening set	-1589 Jan 02 j 16:38	10°♑59'50	
inferior conj	-1589 Jan 08 j 19:56	5°♑34'00	3°45'59
minimum elong	-1589 Jan 08 j 18:01	5°♑39'20	3°45'44

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1589 Jan 11 j 04:47	2°♉56'04	0.63647 AU
	-1589 Jan 14 j 04:32	30°℞♐	
morning rise	-1589 Jan 14 j 17:50	29°♐32'28	
direct	-1589 Jan 21 j 17:26	26°♐45'13	
	-1589 Jan 30 j 03:14	0°♉	
desc. node	-1589 Feb 03 j 07:28	3°♉28'08	
morning max el	-1589 Feb 04 j 10:17	4°♉32'59	27°36'46
	-1589 Feb 23 j 15:54	0°♒	
morning set	-1589 Mar 11 j 00:56	27°♒31'35	
	-1589 Mar 12 j 06:34	0°♓	
max. Earth dist.	-1589 Mar 16 j 06:21	8°♓14'06	1.33266 AU
superior conj	-1589 Mar 18 j 20:05	13°♓41'53	0°-37'-55
minimum elong	-1589 Mar 18 j 21:51	13°♓51'20	0°37'35
asc. node	-1589 Mar 22 j 12:26	21°♓36'47	
evening rise	-1589 Mar 26 j 00:19	29°♓03'46	
	-1589 Mar 26 j 11:02	0°♈	
	-1589 Apr 12 j 22:22	0°♉	
evening max el	-1589 Apr 17 j 13:11	5°♉06'33	22°59'12
retrograde	-1589 Apr 30 j 21:14	11°♉42'28	
desc. node	-1589 May 02 j 06:34	11°♉38'11	
evening set	-1589 May 04 j 07:00	11°♉17'06	
min. Earth dist.	-1589 May 11 j 22:46	7°♉53'11	0.55604 AU
inferior conj	-1589 May 13 j 12:20	6°♉58'48	-2°-57'-52
minimum elong	-1589 May 13 j 05:39	7°♉08'31	2°56'00
morning rise	-1589 May 22 j 07:10	3°♉03'38	
direct	-1589 May 24 j 23:32	2°♉46'31	
morning max el	-1589 Jun 04 j 21:02	7°♉50'11	20°36'05
asc. node	-1589 Jun 18 j 11:44	27°♉25'46	
	-1589 Jun 19 j 20:09	0°♊	
morning set	-1589 Jun 23 j 18:38	7°♊51'15	
superior conj	-1589 Jul 01 j 10:21	23°♊37'18	1°41'17
minimum elong	-1589 Jul 01 j 08:28	23°♊27'44	1°41'11
	-1589 Jul 04 j 14:29	0°♋	
max. Earth dist.	-1589 Jul 06 j 03:39	3°♋02'41	1.36042 AU
evening rise	-1589 Jul 10 j 07:17	10°♋56'59	
	-1589 Jul 21 j 06:46	0°♌	
desc. node	-1589 Jul 29 j 05:54	12°♌12'52	
	-1589 Aug 12 j 01:46	0°♍	
evening max el	-1589 Aug 14 j 23:21	2°♍59'31	26°13'40
retrograde	-1589 Aug 27 j 14:26	10°♍09'06	
evening set	-1589 Sep 02 j 23:09	7°♍29'38	
min. Earth dist.	-1589 Sep 07 j 03:42	3°♍01'02	0.66371 AU
inferior conj	-1589 Sep 08 j 14:05	1°♍14'32	-1°-56'-44
minimum elong	-1589 Sep 08 j 16:56	1°♍05'43	1°55'39
	-1589 Sep 09 j 14:23	30°℞♌	
morning rise	-1589 Sep 14 j 11:36	25°♌22'13	
asc. node	-1589 Sep 14 j 10:56	25°♌23'11	
direct	-1589 Sep 17 j 13:08	24°♌28'30	
morning max el	-1589 Sep 24 j 09:42	28°♌18'51	18°53'04
	-1589 Sep 25 j 22:54	0°♍	
morning set	-1589 Oct 15 j 23:24	29°♍48'33	
	-1589 Oct 16 j 02:18	0°♎	
desc. node	-1589 Oct 25 j 05:18	14°♎23'30	
max. Earth dist.	-1589 Oct 31 j 09:47	24°♎07'29	1.44878 AU
superior conj	-1589 Nov 01 j 08:16	25°♎36'03	0°-45'00
minimum elong	-1589 Nov 01 j 02:33	25°♎13'32	0°44'19
	-1589 Nov 04 j 03:11	0°♏	
evening rise	-1589 Nov 16 j 22:02	20°♏25'19	
	-1589 Nov 22 j 20:12	0°♐	
evening max el	-1589 Dec 07 j 19:03	21°♐35'48	18°46'57
asc. node	-1589 Dec 11 j 10:10	24°♐30'57	
retrograde	-1589 Dec 14 j 13:02	25°♐23'50	
evening set	-1589 Dec 17 j 15:01	24°♐29'37	
inferior conj	-1589 Dec 23 j 10:58	18°♐45'55	3°21'30
minimum elong	-1589 Dec 23 j 08:11	18°♐54'24	3°20'53
min. Earth dist.	-1589 Dec 25 j 04:38	16°♐39'04	0.65150 AU
morning rise	-1589 Dec 29 j 00:18	12°♐37'07	
direct	-1588 Jan 04 j 16:07	9°♐46'41	
morning max el	-1588 Jan 17 j 19:57	17°♐25'46	26°56'44
desc. node	-1588 Jan 21 j 04:32	21°♐00'57	
	-1588 Jan 28 j 09:29	0°♉	
	-1588 Feb 16 j 12:41	0°♒	
morning set	-1588 Feb 22 j 12:51	11°♒06'56	
max. Earth dist.	-1588 Feb 27 j 01:26	20°♒02'04	1.34310 AU
superior conj	-1588 Mar 01 j 22:36	28°♒00'52	-1°-3'-24
minimum elong	-1588 Mar 02 j 01:27	28°♒15'46	1°02'54
	-1588 Mar 02 j 21:22	0°♓	
asc. node	-1588 Mar 08 j 09:29	11°♓35'59	
evening rise	-1588 Mar 09 j 10:18	13°♓45'33	
	-1588 Mar 17 j 19:14	0°♈	
evening max el	-1588 Mar 29 j 10:07	15°♈55'11	21°27'51
retrograde	-1588 Apr 10 j 12:15	21°♈46'42	
evening set	-1588 Apr 12 j 23:43	21°♈32'43	
desc. node	-1588 Apr 18 j 03:36	19°♈45'50	
inferior conj	-1588 Apr 22 j 08:00	17°♈31'59	-1°-10'-43
minimum elong	-1588 Apr 22 j 04:42	17°♈36'38	1°09'33
min. Earth dist.	-1588 Apr 22 j 11:56	17°♈26'28	0.55058 AU
morning rise	-1588 May 01 j 10:02	13°♈31'39	
direct	-1588 May 04 j 10:52	13°♈11'32	
morning max el	-1588 May 16 j 23:15	19°♈07'58	22°04'59
	-1588 May 25 j 19:27	0°♉	
asc. node	-1588 Jun 04 j 08:47	16°♉58'04	
morning set	-1588 Jun 07 j 04:18	22°♉42'42	
	-1588 Jun 10 j 15:27	0°♊	
superior conj	-1588 Jun 14 j 11:47	8°♊08'24	1°28'52
minimum elong	-1588 Jun 14 j 09:17	7°♊55'17	1°28'37
max. Earth dist.	-1588 Jun 17 j 19:34	15°♊02'30	1.34583 AU
evening rise	-1588 Jun 22 j 13:27	24°♊30'16	
	-1588 Jun 25 j 10:49	0°♋	
	-1588 Jul 13 j 19:14	0°♌	
desc. node	-1588 Jul 15 j 02:53	1°♌49'59	
evening max el	-1588 Jul 27 j 10:57	16°♌28'00	27°01'51
retrograde	-1588 Aug 09 j 16:21	23°♌47'20	
evening set	-1588 Aug 16 j 13:07	21°♌01'17	
min. Earth dist.	-1588 Aug 20 j 10:12	17°♌10'49	0.65287 AU
inferior conj	-1588 Aug 22 j 09:28	14°♌55'20	-2°-48'-47
minimum elong	-1588 Aug 22 j 13:23	14°♌44'06	2°47'30
morning rise	-1588 Aug 28 j 15:03	9°♌16'54	
direct	-1588 Aug 31 j 09:26	8°♌35'16	
asc. node	-1588 Aug 31 j 07:59	8°♌35'17	
morning max el	-1588 Sep 06 j 22:51	12°♌09'12	18°16'29
	-1588 Sep 19 j 10:56	0°♍	
morning set	-1588 Sep 25 j 17:16	10°♍17'57	
	-1588 Oct 07 j 20:43	0°♎	
superior conj	-1588 Oct 10 j 09:39	4°♎02'17	0°04'32
minimum elong	-1588 Oct 10 j 10:14	4°♎04'35	0°04'26
behind sun begin	-1588 Oct 09 j 23:32	3°♎22'06	
behind sun end	-1588 Oct 10 j 20:56	4°♎47'00	
desc. node	-1588 Oct 11 j 02:19	5°♎08'17	
max. Earth dist.	-1588 Oct 13 j 04:23	8°♎26'05	1.44842 AU
evening rise	-1588 Oct 26 j 23:21	0°♏01'26	
	-1588 Oct 26 j 22:59	0°♏	
greatest brilliancy	-1588 Nov 11 j 13:22	23°♏56'46	-0.7m
	-1588 Nov 15 j 21:20	0°♐	
evening max el	-1588 Nov 20 j 02:58	5°♐02'29	19°32'21
retrograde	-1588 Nov 27 j 09:39	9°♐15'45	
asc. node	-1588 Nov 27 j 07:12	9°♐15'42	
evening set	-1588 Nov 30 j 18:42	8°♐09'00	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1588 Dec 06 j 09:26	2°♐10'31	2°46'27
minimum elong	-1588 Dec 06 j 06:31	2°♐20'01	2°45'33
min. Earth dist.	-1588 Dec 07 j 13:07	0°♐40'25	0.66275 AU
	-1588 Dec 08 j 01:45	30°℞♏	
morning rise	-1588 Dec 11 j 17:35	25°♏56'56	
direct	-1588 Dec 17 j 20:51	23°♏15'24	
	-1588 Dec 29 j 15:42	0°♐	
morning max el	-1588 Dec 30 j 05:21	0°♐33'51	25°51'14
desc. node	-1587 Jan 07 j 01:36	9°♐35'02	
	-1587 Jan 21 j 08:47	0°♑	
morning set	-1587 Feb 04 j 10:27	23°♑54'54	
	-1587 Feb 07 j 16:27	0°♒	
max. Earth dist.	-1587 Feb 08 j 08:38	1°♒17'22	1.35800 AU
superior conj	-1587 Feb 13 j 17:33	11°♒52'19	-1°-26'-39
minimum elong	-1587 Feb 13 j 21:04	12°♒10'03	1°26'12
evening rise	-1587 Feb 21 j 16:43	28°♒10'31	
	-1587 Feb 22 j 14:16	0°♓	
asc. node	-1587 Feb 23 j 06:30	1°♓21'50	
evening max el	-1587 Mar 11 j 17:17	27°♓16'00	20°09'50
	-1587 Mar 15 j 03:02	0°♈	
retrograde	-1587 Mar 22 j 03:20	2°♈14'45	
evening set	-1587 Mar 24 j 07:39	2°♈02'36	
	-1587 Mar 29 j 19:48	30°℞♓	
inferior conj	-1587 Apr 02 j 05:21	28°♓03'35	0°47'07
minimum elong	-1587 Apr 02 j 07:25	28°♓00'29	0°46'24
min. Earth dist.	-1587 Apr 04 j 02:05	26°♓56'44	0.55465 AU
desc. node	-1587 Apr 05 j 00:40	26°♓23'55	
morning rise	-1587 Apr 11 j 04:33	23°♓39'18	
direct	-1587 Apr 15 j 00:43	23°♓07'01	
morning max el	-1587 Apr 28 j 17:10	29°♓52'17	23°44'16
	-1587 Apr 28 j 20:25	0°♈	
	-1587 May 18 j 21:38	0°♉	
asc. node	-1587 May 22 j 05:49	6°♉48'21	
morning set	-1587 May 22 j 15:59	7°♉41'31	
superior conj	-1587 May 29 j 18:44	22°♉56'38	1°11'51
minimum elong	-1587 May 29 j 16:13	22°♉43'08	1°11'29
max. Earth dist.	-1587 May 31 j 20:50	27°♉24'28	1.33506 AU
	-1587 Jun 02 j 02:16	0°♊	
evening rise	-1587 Jun 06 j 07:19	8°♊39'22	
	-1587 Jun 17 j 21:21	0°♋	
desc. node	-1587 Jul 01 j 23:54	20°♋48'43	
evening max el	-1587 Jul 09 j 21:42	29°♋38'58	27°24'25
	-1587 Jul 10 j 06:35	0°♌	
retrograde	-1587 Jul 23 j 12:40	7°♌00'42	
evening set	-1587 Jul 30 j 16:24	4°♌19'20	
min. Earth dist.	-1587 Aug 03 j 07:46	1°♌03'40	0.63830 AU
	-1587 Aug 04 j 08:33	30°℞♋	
inferior conj	-1587 Aug 05 j 20:35	28°♋25'42	-3°-35'-35
minimum elong	-1587 Aug 06 j 00:57	28°♋14'18	3°34'27
morning rise	-1587 Aug 12 j 11:30	23°♋04'15	
direct	-1587 Aug 15 j 01:10	22°♋31'25	
asc. node	-1587 Aug 18 j 05:02	23°♋21'28	
morning max el	-1587 Aug 21 j 14:11	25°♋57'22	17°57'10
	-1587 Aug 25 j 00:17	0°♌	
morning set	-1587 Sep 07 j 13:26	22°♌02'47	
	-1587 Sep 12 j 04:37	0°♍	
superior conj	-1587 Sep 20 j 04:50	13°♍23'32	0°49'20
minimum elong	-1587 Sep 20 j 09:41	13°♍43'24	0°48'44
max. Earth dist.	-1587 Sep 25 j 21:01	22°♍34'25	1.44092 AU
desc. node	-1587 Sep 27 j 23:18	25°♍54'24	
	-1587 Sep 30 j 13:37	0°♎	
evening rise	-1587 Oct 06 j 07:32	8°♎56'19	
	-1587 Oct 20 j 05:56	0°♏	
greatest brilliancy	-1587 Oct 28 j 03:00	11°♏08'26	-0.5m
evening max el	-1587 Nov 03 j 05:44	18°♏29'41	20°32'34
retrograde	-1587 Nov 11 j 07:10	23°♏15'10	
asc. node	-1587 Nov 14 j 04:14	22°♏27'39	
evening set	-1587 Nov 15 j 01:26	21°♏53'36	
inferior conj	-1587 Nov 20 j 12:44	15°♏43'50	2°03'44
minimum elong	-1587 Nov 20 j 10:14	15°♏52'17	2°02'49
min. Earth dist.	-1587 Nov 21 j 04:04	14°♏51'50	0.67034 AU
morning rise	-1587 Nov 25 j 18:32	9°♏27'51	
direct	-1587 Dec 01 j 06:58	7°♏03'34	
morning max el	-1587 Dec 12 j 13:48	13°♏47'29	24°29'52
desc. node	-1587 Dec 24 j 22:39	28°♏52'17	
	-1587 Dec 25 j 18:17	0°♐	
	-1586 Jan 14 j 05:11	0°♑	
morning set	-1586 Jan 17 j 12:03	5°♑39'24	
max. Earth dist.	-1586 Jan 21 j 06:07	12°♑20'43	1.37681 AU
superior conj	-1586 Jan 28 j 01:40	25°♑07'21	-1°-45'-34
minimum elong	-1586 Jan 28 j 04:59	25°♑23'23	1°45'20
	-1586 Jan 30 j 13:43	0°♒	
evening rise	-1586 Feb 05 j 17:15	12°♒12'07	
asc. node	-1586 Feb 10 j 03:33	20°♒49'03	
	-1586 Feb 15 j 08:40	0°♓	
evening max el	-1586 Feb 22 j 11:27	9°♓15'12	19°10'09
retrograde	-1586 Mar 03 j 06:29	13°♓28'01	
evening set	-1586 Mar 05 j 12:57	13°♓12'24	
inferior conj	-1586 Mar 13 j 17:20	9°♓00'58	2°23'43
minimum elong	-1586 Mar 13 j 21:56	8°♓53'07	2°22'26
min. Earth dist.	-1586 Mar 16 j 17:35	6°♓58'33	0.56733 AU
morning rise	-1586 Mar 22 j 02:54	4°♓04'59	
desc. node	-1586 Mar 22 j 21:44	3°♓48'21	
direct	-1586 Mar 27 j 02:52	3°♓06'41	
morning max el	-1586 Apr 10 j 07:59	10°♓25'00	25°21'24
	-1586 Apr 25 j 04:08	0°♈	
morning set	-1586 May 07 j 04:01	22°♈42'08	
asc. node	-1586 May 09 j 02:53	26°♈51'06	
	-1586 May 10 j 13:54	0°♉	
superior conj	-1586 May 14 j 04:59	7°♉54'37	0°51'19
minimum elong	-1586 May 14 j 02:57	7°♉43'28	0°50'57
max. Earth dist.	-1586 May 15 j 05:32	10°♉08'18	1.32813 AU
evening rise	-1586 May 21 j 09:22	23°♉13'20	
	-1586 May 24 j 18:23	0°♊	
	-1586 Jun 11 j 17:37	0°♋	
desc. node	-1586 Jun 18 j 20:55	8°♋52'43	
evening max el	-1586 Jun 22 j 05:33	12°♋20'21	27°15'58
retrograde	-1586 Jul 06 j 02:29	19°♋39'59	
evening set	-1586 Jul 13 j 05:08	17°♋17'10	
min. Earth dist.	-1586 Jul 16 j 19:24	14°♋27'22	0.62039 AU
inferior conj	-1586 Jul 19 j 20:24	11°♋38'53	-4°-12'-44
minimum elong	-1586 Jul 20 j 00:06	11°♋30'18	4°12'07
morning rise	-1586 Jul 26 j 21:42	6°♋37'19	
direct	-1586 Jul 29 j 09:05	6°♋10'35	
morning max el	-1586 Aug 05 j 04:50	9°♋37'00	17°56'11
asc. node	-1586 Aug 05 j 02:06	9°♋30'24	
	-1586 Aug 18 j 14:40	0°♌	
morning set	-1586 Aug 21 j 06:21	4°♌47'24	
superior conj	-1586 Sep 01 j 03:18	24°♌05'43	1°21'48
minimum elong	-1586 Sep 01 j 08:15	24°♌27'03	1°21'19
	-1586 Sep 04 j 14:37	0°♍	
max. Earth dist.	-1586 Sep 08 j 09:37	6°♍17'35	1.42734 AU
desc. node	-1586 Sep 14 j 20:18	16°♍38'54	
evening rise	-1586 Sep 15 j 15:35	17°♍54'43	
	-1586 Sep 23 j 12:17	0°♎	
greatest brilliancy	-1586 Oct 12 j 05:50	26°♎23'39	-0.4m
	-1586 Oct 15 j 06:54	0°♏	
evening max el	-1586 Oct 17 j 02:39	1°♏57'07	21°44'19

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

retrograde	-1586 Oct 26 j 03:37	7°♏19'28	
evening set	-1586 Oct 30 j 09:18	5°♏40'47	
asc. node	-1586 Nov 01 j 01:18	4°♏07'37	
	-1586 Nov 04 j 08:04	30°℞♎	
inferior conj	-1586 Nov 04 j 18:45	29°♎23'09	1°15'30
minimum elong	-1586 Nov 04 j 17:05	29°♎28'54	1°14'49
min. Earth dist.	-1586 Nov 04 j 22:59	29°♎08'34	0.67459 AU
morning rise	-1586 Nov 10 j 00:36	23°♎07'24	
direct	-1586 Nov 14 j 21:42	21°♎04'40	
morning max el	-1586 Nov 24 j 23:17	27°♎04'11	23°02'33
	-1586 Nov 27 j 16:34	0°♏	
greatest brilliancy	-1586 Nov 29 j 20:18	2°♏32'11	-0.3m
desc. node	-1586 Dec 11 j 19:40	18°♏39'51	
	-1586 Dec 19 j 10:01	0°♐	
morning set	-1586 Dec 29 j 11:15	16°♐03'08	
max. Earth dist.	-1585 Jan 03 j 01:21	23°♐48'53	1.39780 AU
	-1585 Jan 06 j 14:11	0°♑	
superior conj	-1585 Jan 10 j 18:34	7°♑33'28	-1°-57'-17
minimum elong	-1585 Jan 10 j 20:14	7°♑41'09	1°57'17
evening rise	-1585 Jan 20 j 09:04	25°♑42'15	
	-1585 Jan 22 j 15:10	0°♒	
asc. node	-1585 Jan 28 j 00:36	9°♒50'12	
evening max el	-1585 Feb 05 j 14:28	21°♒46'13	18°30'16
retrograde	-1585 Feb 13 j 04:11	25°♒28'44	
evening set	-1585 Feb 15 j 14:50	25°♒06'49	
inferior conj	-1585 Feb 23 j 01:42	20°♒35'15	3°24'40
minimum elong	-1585 Feb 23 j 05:18	20°♒28'05	3°24'02
min. Earth dist.	-1585 Feb 26 j 11:42	17°♒53'29	0.58575 AU
morning rise	-1585 Mar 02 j 16:03	15°♒11'40	
direct	-1585 Mar 08 j 18:04	13°♒36'52	
desc. node	-1585 Mar 09 j 18:49	13°♒39'34	
morning max el	-1585 Mar 23 j 01:25	21°♒12'42	26°41'28
	-1585 Mar 30 j 16:53	0°♓	
	-1585 Apr 17 j 20:48	0°♈	
morning set	-1585 Apr 21 j 14:43	7°♈37'44	
asc. node	-1585 Apr 25 j 23:56	17°♈00'42	
superior conj	-1585 Apr 28 j 16:40	22°♈54'55	0°28'09
minimum elong	-1585 Apr 28 j 15:27	22°♈48'14	0°27'53
max. Earth dist.	-1585 Apr 28 j 18:12	23°♈03'20	1.32475 AU
	-1585 May 01 j 22:27	0°♉	
evening rise	-1585 May 05 j 16:47	8°♉01'56	
	-1585 May 17 j 05:51	0°♊	
evening max el	-1585 Jun 04 j 07:52	24°♊20'31	26°34'32
desc. node	-1585 Jun 05 j 17:58	25°♊38'38	
	-1585 Jun 12 j 00:32	0°♋	
retrograde	-1585 Jun 18 j 08:16	1°♋36'38	
	-1585 Jun 24 j 11:54	30°℞♊	
evening set	-1585 Jun 24 j 22:51	29°♊45'27	
min. Earth dist.	-1585 Jun 28 j 21:11	27°♊06'55	0.60022 AU
inferior conj	-1585 Jul 02 j 05:23	24°♊25'30	-4°-33'-23
minimum elong	-1585 Jul 02 j 06:43	24°♊22'49	4°33'18
morning rise	-1585 Jul 09 j 17:52	19°♊46'15	
direct	-1585 Jul 12 j 05:06	19°♊23'41	
morning max el	-1585 Jul 19 j 15:54	23°♊00'16	18°14'38
asc. node	-1585 Jul 22 j 23:10	26°♊46'24	
	-1585 Jul 25 j 05:53	0°♋	
morning set	-1585 Aug 04 j 14:29	18°♋16'51	
	-1585 Aug 10 j 20:00	0°♌	
superior conj	-1585 Aug 14 j 03:26	6°♌04'39	1°40'40
minimum elong	-1585 Aug 14 j 06:20	6°♌17'45	1°40'31
max. Earth dist.	-1585 Aug 21 j 17:03	19°♌22'57	1.40938 AU
evening rise	-1585 Aug 26 j 16:59	27°♌42'54	
	-1585 Aug 28 j 02:45	0°♍	
desc. node	-1585 Sep 01 j 17:19	7°♍18'30	
	-1585 Sep 17 j 04:04	0°♎	
greatest brilliancy	-1585 Sep 24 j 09:50	9°♎25'46	-0.2m
evening max el	-1585 Sep 29 j 18:16	15°♎26'07	23°03'06
retrograde	-1585 Oct 09 j 21:35	21°♎26'32	
evening set	-1585 Oct 14 j 16:37	19°♎29'11	
asc. node	-1585 Oct 18 j 22:21	14°♎40'46	
inferior conj	-1585 Oct 20 j 01:41	13°♎07'17	0°23'31
minimum elong	-1585 Oct 20 j 01:08	13°♎09'11	0°23'17
min. Earth dist.	-1585 Oct 19 j 19:28	13°♎28'38	0.67566 AU
morning rise	-1585 Oct 25 j 09:38	6°♎54'22	
direct	-1585 Oct 29 j 16:07	5°♎14'04	
morning max el	-1585 Nov 07 j 13:26	10°♎28'08	21°38'12
greatest brilliancy	-1585 Nov 12 j 13:19	16°♎10'29	-0.4m
	-1585 Nov 22 j 16:51	0°♏	
desc. node	-1585 Nov 28 j 16:42	8°♏49'29	
morning set	-1585 Dec 09 j 05:32	25°♏04'17	
	-1585 Dec 12 j 07:24	0°♐	
max. Earth dist.	-1585 Dec 16 j 02:00	6°♐10'19	1.41808 AU
superior conj	-1585 Dec 23 j 14:54	18°♐57'50	-1°-57'-55
minimum elong	-1585 Dec 23 j 13:04	18°♐49'55	1°57'55
	-1585 Dec 29 j 20:02	0°♑	
evening rise	-1584 Jan 03 j 12:45	8°♑33'53	
asc. node	-1584 Jan 14 j 21:39	28°♑17'10	
	-1584 Jan 16 j 02:04	0°♒	
evening max el	-1584 Jan 19 j 23:25	4°♒41'04	18°10'21
retrograde	-1584 Jan 26 j 19:34	8°♒09'18	
evening set	-1584 Jan 29 j 09:55	7°♒39'49	
inferior conj	-1584 Feb 05 j 06:02	2°♒46'16	3°52'01
minimum elong	-1584 Feb 05 j 07:12	2°♒43'34	3°51'56
	-1584 Feb 08 j 06:24	30°℞♑	
min. Earth dist.	-1584 Feb 08 j 11:38	29°♑48'27	0.60636 AU
morning rise	-1584 Feb 12 j 01:40	27°♑02'52	
direct	-1584 Feb 18 j 20:23	24°♑51'19	
desc. node	-1584 Feb 24 j 15:53	26°♑19'15	
	-1584 Mar 01 j 04:11	0°♒	
morning max el	-1584 Mar 04 j 01:02	2°♒36'34	27°31'35
	-1584 Mar 24 j 01:43	0°♓	
morning set	-1584 Apr 04 j 22:14	22°♓21'56	
	-1584 Apr 08 j 13:10	0°♈	
max. Earth dist.	-1584 Apr 11 j 07:00	5°♈56'32	1.32483 AU
asc. node	-1584 Apr 11 j 20:59	7°♈12'55	
superior conj	-1584 Apr 12 j 04:04	7°♈51'40	0°03'08
minimum elong	-1584 Apr 12 j 03:56	7°♈50'53	0°03'06
behind sun begin	-1584 Apr 11 j 22:58	7°♈23'46	
behind sun end	-1584 Apr 12 j 08:53	8°♈18'00	
evening rise	-1584 Apr 19 j 03:18	22°♈57'16	
	-1584 Apr 22 j 13:25	0°♉	
	-1584 May 11 j 00:09	0°♊	
evening max el	-1584 May 16 j 03:23	5°♊36'16	25°23'43
desc. node	-1584 May 22 j 15:01	10°♊35'09	
retrograde	-1584 May 30 j 04:28	12°♊46'45	
evening set	-1584 Jun 04 j 18:12	11°♊34'04	
min. Earth dist.	-1584 Jun 09 j 15:18	8°♊49'04	0.58001 AU
inferior conj	-1584 Jun 12 j 19:59	6°♊35'34	-4°-27'-26
minimum elong	-1584 Jun 12 j 17:19	6°♊40'17	4°27'13
morning rise	-1584 Jun 20 j 20:20	2°♊18'46	
direct	-1584 Jun 23 j 08:40	1°♊59'21	
morning max el	-1584 Jul 01 j 20:27	5°♊58'26	18°53'23
asc. node	-1584 Jul 08 j 20:14	14°♊54'44	
	-1584 Jul 17 j 04:59	0°♋	
morning set	-1584 Jul 18 j 09:27	2°♋19'00	
superior conj	-1584 Jul 26 j 23:36	19°♋04'11	1°47'51
minimum elong	-1584 Jul 27 j 00:10	19°♋06'51	1°47'52
	-1584 Aug 01 j 20:51	0°♌	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

max. Earth dist.	-1584 Aug 02 j 20:06	1°♌44'29	1.38948 AU
evening rise	-1584 Aug 06 j 19:24	8°♌42'01	
desc. node	-1584 Aug 18 j 14:20	27°♌48'32	
	-1584 Aug 20 j 00:58	0°♍	
evening max el	-1584 Sep 11 j 06:22	28°♍57'15	24°23'07
	-1584 Sep 12 j 08:22	0°♎	
retrograde	-1584 Sep 22 j 12:00	5°♎32'18	
evening set	-1584 Sep 27 j 21:40	3°♎16'13	
	-1584 Sep 30 j 23:06	30°℞♍	
min. Earth dist.	-1584 Oct 02 j 15:09	27°♍49'36	0.67358 AU
inferior conj	-1584 Oct 03 j 07:46	26°♍53'46	0°-30'-41
minimum elong	-1584 Oct 03 j 08:30	26°♍51'16	0°30'23
asc. node	-1584 Oct 04 j 19:24	24°♍56'03	
morning rise	-1584 Oct 08 j 19:40	20°♍46'28	
direct	-1584 Oct 12 j 13:08	19°♍26'53	
morning max el	-1584 Oct 20 j 10:42	24°♍01'40	20°23'11
	-1584 Oct 25 j 13:10	0°♎	
greatest brilliancy	-1584 Oct 26 j 23:43	1°♎53'39	-0.5m
desc. node	-1584 Nov 14 j 13:43	29°♎14'26	
	-1584 Nov 15 j 01:34	0°♏	
morning set	-1584 Nov 17 j 04:14	3°♏15'35	
max. Earth dist.	-1584 Nov 27 j 10:05	19°♏24'22	1.43473 AU
superior conj	-1584 Dec 03 j 09:24	29°♏08'22	-1°-43'-12
minimum elong	-1584 Dec 03 j 03:13	28°♏42'46	1°42'46
	-1584 Dec 03 j 21:53	0°♐	
evening rise	-1584 Dec 16 j 00:12	20°♐38'31	
	-1584 Dec 21 j 09:13	0°♑	
asc. node	-1584 Dec 31 j 18:41	15°♑59'33	
evening max el	-1583 Jan 02 j 11:25	17°♑51'57	18°10'00
retrograde	-1583 Jan 09 j 00:14	21°♑19'22	
evening set	-1583 Jan 11 j 18:16	20°♑41'25	
inferior conj	-1583 Jan 18 j 02:53	15°♑26'52	3°53'43
minimum elong	-1583 Jan 18 j 01:52	15°♑29'34	3°53'37
min. Earth dist.	-1583 Jan 20 j 20:18	12°♑36'12	0.62616 AU
morning rise	-1583 Jan 24 j 07:27	9°♑30'24	
direct	-1583 Jan 31 j 07:57	6°♑51'51	
desc. node	-1583 Feb 10 j 12:56	11°♑20'29	
morning max el	-1583 Feb 14 j 06:32	14°♑41'27	27°45'22
	-1583 Feb 26 j 17:44	0°♒	
	-1583 Mar 16 j 13:58	0°♓	
morning set	-1583 Mar 20 j 00:28	6°♓47'18	
max. Earth dist.	-1583 Mar 25 j 15:50	18°♓33'10	1.32855 AU
superior conj	-1583 Mar 27 j 13:33	22°♓39'07	0°-22'-53
minimum elong	-1583 Mar 27 j 14:37	22°♓44'53	0°22'40
asc. node	-1583 Mar 29 j 18:02	27°♓23'43	
	-1583 Mar 30 j 22:51	0°♈	
evening rise	-1583 Apr 03 j 15:02	7°♈52'33	
	-1583 Apr 15 j 06:47	0°♉	
evening max el	-1583 Apr 27 j 18:36	16°♉20'52	23°54'00
desc. node	-1583 May 09 j 12:03	23°♉05'53	
retrograde	-1583 May 11 j 13:10	23°♉15'27	
evening set	-1583 May 15 j 17:17	22°♉36'51	
min. Earth dist.	-1583 May 22 j 05:44	19°♉30'19	0.56293 AU
inferior conj	-1583 May 24 j 14:29	18°♉03'23	-3°-43'-21
minimum elong	-1583 May 24 j 08:13	18°♉13'03	3°42'00
morning rise	-1583 Jun 02 j 02:57	14°♉03'41	
direct	-1583 Jun 04 j 16:56	13°♉46'30	
morning max el	-1583 Jun 14 j 15:51	18°♉22'53	19°52'51
	-1583 Jun 23 j 13:13	0°♊	
asc. node	-1583 Jun 25 j 17:18	3°♊43'37	
morning set	-1583 Jul 02 j 12:02	16°♊46'01	
	-1583 Jul 09 j 00:34	0°♋	
superior conj	-1583 Jul 10 j 10:24	2°♋49'23	1°45'47
minimum elong	-1583 Jul 10 j 09:12	2°♋43'24	1°45'47
max. Earth dist.	-1583 Jul 15 j 23:37	13°♋36'33	1.37031 AU
evening rise	-1583 Jul 19 j 21:49	20°♋51'52	
	-1583 Jul 25 j 02:53	0°♌	
desc. node	-1583 Aug 05 j 11:21	18°♌04'02	
	-1583 Aug 13 j 23:33	0°♍	
evening max el	-1583 Aug 24 j 17:27	12°♍31'31	25°36'59
retrograde	-1583 Sep 05 j 22:06	19°♍32'17	
evening set	-1583 Sep 11 j 22:36	16°♍59'58	
min. Earth dist.	-1583 Sep 16 j 07:40	12°♍09'29	0.66828 AU
inferior conj	-1583 Sep 17 j 11:16	10°♍40'50	-1°-25'-32
minimum elong	-1583 Sep 17 j 13:22	10°♍34'05	1°24'42
asc. node	-1583 Sep 21 j 16:27	5°♍51'41	
morning rise	-1583 Sep 23 j 04:49	4°♍42'01	
direct	-1583 Sep 26 j 11:25	3°♍40'00	
morning max el	-1583 Oct 03 j 15:20	7°♍44'14	19°21'27
greatest brilliancy	-1583 Oct 13 j 10:34	20°♍31'42	-0.7m
	-1583 Oct 19 j 16:39	0°♎	
morning set	-1583 Oct 27 j 06:22	11°♎44'46	
desc. node	-1583 Nov 01 j 10:44	19°♎50'01	
	-1583 Nov 07 j 22:18	0°♏	
max. Earth dist.	-1583 Nov 10 j 00:09	3°♏16'39	1.44564 AU
superior conj	-1583 Nov 13 j 01:30	8°♏07'30	-1°-10'-39
minimum elong	-1583 Nov 12 j 17:51	7°♏37'04	1°09'50
	-1583 Nov 26 j 12:53	0°♐	
evening rise	-1583 Nov 27 j 14:56	1°♐47'58	
	-1583 Dec 15 j 20:51	0°♑	
evening max el	-1583 Dec 16 j 23:46	1°♑12'54	18°28'24
asc. node	-1583 Dec 18 j 15:43	2°♑44'46	
retrograde	-1583 Dec 23 j 13:46	4°♑50'35	
evening set	-1583 Dec 26 j 12:24	4°♑02'53	
	-1583 Dec 31 j 04:32	30°℞♐	
inferior conj	-1582 Jan 01 j 12:18	28°♐29'19	3°37'07
minimum elong	-1582 Jan 01 j 09:55	28°♐36'14	3°36'43
min. Earth dist.	-1582 Jan 03 j 14:45	26°♐03'08	0.64330 AU
morning rise	-1582 Jan 07 j 06:05	22°♐24'11	
direct	-1582 Jan 14 j 03:09	19°♐33'30	
morning max el	-1582 Jan 27 j 15:19	27°♐19'45	27°23'21
desc. node	-1582 Jan 28 j 09:59	28°♐07'03	
	-1582 Jan 30 j 04:22	0°♑	
	-1582 Feb 20 j 09:20	0°♒	
morning set	-1582 Mar 03 j 18:34	20°♒43'57	
	-1582 Mar 08 j 08:58	0°♓	
max. Earth dist.	-1582 Mar 08 j 16:41	0°♓39'50	1.33645 AU
superior conj	-1582 Mar 11 j 19:12	7°♓10'27	0°-48'-54
minimum elong	-1582 Mar 11 j 21:27	7°♓22'25	0°48'29
asc. node	-1582 Mar 16 j 15:04	17°♓28'16	
evening rise	-1582 Mar 19 j 02:10	22°♓40'48	
	-1582 Mar 22 j 15:59	0°♈	
evening max el	-1582 Apr 09 j 11:40	27°♈00'08	22°19'23
	-1582 Apr 13 j 01:47	0°♉	
retrograde	-1582 Apr 22 j 09:14	3°♉19'17	
evening set	-1582 Apr 25 j 07:19	3°♉00'31	
desc. node	-1582 Apr 26 j 09:06	2°♉44'38	
	-1582 May 02 j 14:58	30°℞♈	
min. Earth dist.	-1582 May 03 j 19:11	29°♈20'36	0.55251 AU
inferior conj	-1582 May 04 j 15:47	28°♈51'26	-2°-15'-57
minimum elong	-1582 May 04 j 09:57	28°♈59'42	2°14'06
morning rise	-1582 May 13 j 14:29	24°♈56'04	
direct	-1582 May 16 j 09:13	24°♈38'28	
	-1582 May 27 j 22:08	0°♉	
morning max el	-1582 May 28 j 00:15	0°♉04'56	21°12'00
asc. node	-1582 Jun 12 j 14:21	23°♉02'09	
	-1582 Jun 16 j 02:11	0°♊	
morning set	-1582 Jun 16 j 19:42	1°♊29'57	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1582 Jun 24 j 07:28	17°♊06'21	1°36'40
minimum elong	-1582 Jun 24 j 05:14	16°♊54'51	1°36'30
max. Earth dist.	-1582 Jun 28 j 09:53	25°♊26'23	1.35377 AU
	-1582 Jun 30 j 17:31	0°♋	
evening rise	-1582 Jul 02 j 19:20	3°♋58'45	
	-1582 Jul 17 j 23:31	0°♌	
desc. node	-1582 Jul 23 j 08:22	7°♌57'35	
evening max el	-1582 Aug 07 j 05:03	26°♌05'02	26°36'52
	-1582 Aug 11 j 19:11	0°♍	
retrograde	-1582 Aug 20 j 03:11	3°♍20'08	
evening set	-1582 Aug 26 j 17:18	0°♍36'58	
	-1582 Aug 27 j 10:10	30°℞♌	
min. Earth dist.	-1582 Aug 30 j 18:36	26°♌24'23	0.65955 AU
inferior conj	-1582 Sep 01 j 10:16	24°♌25'07	-2°-19'-16
minimum elong	-1582 Sep 01 j 13:37	24°♌15'03	2°18'03
morning rise	-1582 Sep 07 j 11:01	18°♌38'01	
asc. node	-1582 Sep 08 j 13:30	18°♌08'35	
direct	-1582 Sep 10 j 09:09	17°♌49'54	
morning max el	-1582 Sep 17 j 01:57	21°♌32'31	18°35'19
	-1582 Sep 23 j 17:02	0°♍	
morning set	-1582 Oct 07 j 07:52	21°♍26'04	
	-1582 Oct 12 j 16:17	0°♎	
desc. node	-1582 Oct 19 j 07:45	10°♎32'21	
superior conj	-1582 Oct 23 j 02:06	16°♎28'22	0°-24'-12
minimum elong	-1582 Oct 22 j 22:54	16°♎15'45	0°23'48
max. Earth dist.	-1582 Oct 23 j 18:02	17°♎31'04	1.44954 AU
	-1582 Oct 31 j 16:25	0°♏	
evening rise	-1582 Nov 08 j 05:42	11°♏56'59	
	-1582 Nov 19 j 15:56	0°♐	
evening max el	-1582 Nov 30 j 10:02	14°♐39'10	19°04'25
asc. node	-1582 Dec 05 j 12:44	18°♐18'07	
retrograde	-1582 Dec 07 j 08:34	18°♐36'40	
evening set	-1582 Dec 10 j 13:21	17°♐37'24	
inferior conj	-1582 Dec 16 j 06:52	11°♐47'19	3°07'42
minimum elong	-1582 Dec 16 j 03:56	11°♐56'30	3°06'57
min. Earth dist.	-1582 Dec 17 j 18:28	9°♐55'33	0.65678 AU
morning rise	-1582 Dec 21 j 17:37	5°♐36'22	
direct	-1582 Dec 28 j 04:41	2°♐48'09	
morning max el	-1581 Jan 10 j 00:51	10°♐19'57	26°31'23
desc. node	-1581 Jan 15 j 07:01	16°♐08'39	
	-1581 Jan 25 j 15:59	0°♑	
	-1581 Feb 12 j 21:15	0°♒	
morning set	-1581 Feb 15 j 00:59	4°♒00'59	
max. Earth dist.	-1581 Feb 19 j 06:33	12°♒11'57	1.34888 AU
superior conj	-1581 Feb 23 j 18:52	21°♒19'09	-1°-13'-38
minimum elong	-1581 Feb 23 j 22:04	21°♒35'40	1°13'09
	-1581 Feb 27 j 23:04	0°♓	
evening rise	-1581 Mar 03 j 10:54	7°♓16'20	
asc. node	-1581 Mar 03 j 12:06	7°♓22'31	
	-1581 Mar 15 j 22:27	0°♈	
evening max el	-1581 Mar 22 j 12:47	8°♈01'20	20°52'41
retrograde	-1581 Apr 02 j 22:12	13°♈29'44	
evening set	-1581 Apr 05 j 05:06	13°♈17'22	
desc. node	-1581 Apr 13 j 06:08	9°♈59'43	
inferior conj	-1581 Apr 14 j 10:18	9°♈19'50	0°-19'-57
minimum elong	-1581 Apr 14 j 09:22	9°♈21'10	0°19'37
min. Earth dist.	-1581 Apr 15 j 08:42	8°♈47'56	0.55119 AU
morning rise	-1581 Apr 23 j 12:32	5°♈11'11	
direct	-1581 Apr 26 j 20:33	4°♈47'06	
morning max el	-1581 May 09 j 22:16	11°♈05'40	22°46'30
	-1581 May 23 j 19:36	0°♉	
asc. node	-1581 May 30 j 11:24	12°♉42'37	
morning set	-1581 Jun 01 j 06:27	16°♉24'53	
	-1581 Jun 07 j 15:46	0°♊	

superior conj	-1581 Jun 08 j 11:32	1°♊45'10	1°22'09
minimum elong	-1581 Jun 08 j 08:58	1°♊31'32	1°21'50
max. Earth dist.	-1581 Jun 11 j 06:04	7°♊35'26	1.34084 AU
evening rise	-1581 Jun 16 j 06:59	17°♊48'38	
	-1581 Jun 22 j 18:25	0°♋	
desc. node	-1581 Jul 10 j 05:23	27°♋19'48	
	-1581 Jul 12 j 06:38	0°♌	
evening max el	-1581 Jul 20 j 16:46	9°♌28'18	27°15'00
retrograde	-1581 Aug 03 j 02:38	16°♌48'30	
evening set	-1581 Aug 10 j 03:07	14°♌03'16	
min. Earth dist.	-1581 Aug 13 j 21:36	10°♌28'03	0.64715 AU
inferior conj	-1581 Aug 16 j 02:29	8°♌02'18	-3°-9'-31
minimum elong	-1581 Aug 16 j 06:42	7°♌50'41	3°08'15
morning rise	-1581 Aug 22 j 11:52	2°♌30'25	
direct	-1581 Aug 25 j 04:01	1°♌52'45	
asc. node	-1581 Aug 26 j 10:35	2°♌01'21	
morning max el	-1581 Aug 31 j 16:18	5°♌22'10	18°06'02
	-1581 Sep 17 j 01:55	0°♍	
morning set	-1581 Sep 18 j 13:35	2°♍29'47	
superior conj	-1581 Oct 02 j 08:55	25°♍11'49	0°24'45
minimum elong	-1581 Oct 02 j 11:50	25°♍23'30	0°24'22
	-1581 Oct 05 j 09:07	0°♎	
desc. node	-1581 Oct 06 j 04:45	1°♎17'53	
max. Earth dist.	-1581 Oct 06 j 12:38	1°♎49'06	1.44612 AU
evening rise	-1581 Oct 18 j 22:17	21°♎11'58	
	-1581 Oct 24 j 15:22	0°♏	
greatest brilliancy	-1581 Nov 06 j 08:38	18°♏57'54	-0.6m
evening max el	-1581 Nov 13 j 16:00	28°♏06'30	19°56'22
	-1581 Nov 15 j 16:20	0°♐	
retrograde	-1581 Nov 21 j 05:46	2°♐32'15	
asc. node	-1581 Nov 22 j 09:47	2°♐24'26	
evening set	-1581 Nov 24 j 18:36	1°♐19'18	
	-1581 Nov 26 j 08:42	30°℞♏	
inferior conj	-1581 Nov 30 j 07:39	25°♏15'38	2°29'04
minimum elong	-1581 Nov 30 j 04:51	25°♏24'55	2°28'09
min. Earth dist.	-1581 Dec 01 j 05:50	24°♏02'00	0.66646 AU
morning rise	-1581 Dec 05 j 14:31	19°♏01'02	
direct	-1581 Dec 11 j 11:42	16°♏26'12	
morning max el	-1581 Dec 23 j 09:41	23°♏30'39	25°17'58
	-1581 Dec 29 j 04:46	0°♐	
desc. node	-1580 Jan 02 j 04:03	5°♐02'32	
	-1580 Jan 19 j 01:03	0°♑	
morning set	-1580 Jan 28 j 14:45	16°♑23'20	
max. Earth dist.	-1580 Feb 01 j 09:12	23°♑18'57	1.36567 AU
	-1580 Feb 04 j 21:16	0°♒	
superior conj	-1580 Feb 07 j 09:39	4°♒56'04	-1°-35'-21
minimum elong	-1580 Feb 07 j 13:13	5°♒13'46	1°34'59
evening rise	-1580 Feb 15 j 15:06	21°♒32'02	
asc. node	-1580 Feb 18 j 09:08	27°♒01'00	
	-1580 Feb 19 j 22:05	0°♓	
evening max el	-1580 Mar 04 j 00:40	19°♓37'48	19°41'58
retrograde	-1580 Mar 13 j 17:06	24°♓15'26	
evening set	-1580 Mar 15 j 21:54	24°♓02'10	
inferior conj	-1580 Mar 24 j 12:32	19°♓58'51	1°32'04
minimum elong	-1580 Mar 24 j 16:10	19°♓53'07	1°30'53
min. Earth dist.	-1580 Mar 26 j 22:56	18°♓27'24	0.55918 AU
desc. node	-1580 Mar 30 j 03:11	16°♓39'53	
morning rise	-1580 Apr 02 j 07:06	15°♓21'39	
direct	-1580 Apr 06 j 14:39	14°♓40'08	
morning max el	-1580 Apr 20 j 13:59	21°♓40'42	24°26'50
	-1580 Apr 27 j 19:41	0°♈	
	-1580 May 15 j 02:15	0°♉	
morning set	-1580 May 15 j 18:30	1°♉25'05	
asc. node	-1580 May 16 j 08:28	2°♉38'43	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1580 May 22 j 20:08	16°♉38'00	1°03'31
minimum elong	-1580 May 22 j 17:46	16°♉25'12	1°03'08
max. Earth dist.	-1580 May 24 j 11:05	20°♉08'12	1.33167 AU
	-1580 May 29 j 03:25	0°♊	
evening rise	-1580 May 30 j 04:43	2°♊09'11	
	-1580 Jun 14 j 15:29	0°♋	
desc. node	-1580 Jun 26 j 02:25	15°♋57'34	
evening max el	-1580 Jul 02 j 02:39	22°♋28'21	27°24'50
retrograde	-1580 Jul 15 j 20:05	29°♋48'56	
evening set	-1580 Jul 23 j 00:45	27°♋13'36	
min. Earth dist.	-1580 Jul 26 j 14:52	24°♋10'39	0.63107 AU
inferior conj	-1580 Jul 29 j 09:14	21°♋26'30	-3°-52'-52
minimum elong	-1580 Jul 29 j 13:30	21°♋15'55	3°51'56
morning rise	-1580 Aug 05 j 04:27	16°♋13'16	
direct	-1580 Aug 07 j 16:59	15°♋43'12	
asc. node	-1580 Aug 12 j 07:40	17°♋24'47	
morning max el	-1580 Aug 14 j 07:45	19°♋07'53	17°54'32
	-1580 Aug 22 j 06:45	0°♌	
morning set	-1580 Aug 30 j 19:24	14°♌42'45	
	-1580 Sep 08 j 14:36	0°♍	
superior conj	-1580 Sep 11 j 15:30	5°♍07'20	1°04'48
minimum elong	-1580 Sep 11 j 20:49	5°♍29'33	1°04'11
max. Earth dist.	-1580 Sep 18 j 04:25	15°♍51'12	1.43582 AU
desc. node	-1580 Sep 22 j 01:47	22°♍03'58	
evening rise	-1580 Sep 27 j 04:12	0°♎02'59	
	-1580 Sep 27 j 03:25	0°♎	
	-1580 Oct 17 j 08:54	0°♏	
greatest brilliancy	-1580 Oct 21 j 05:04	5°♏08'38	-0.5m
evening max el	-1580 Oct 26 j 16:18	11°♏33'47	21°01'46
retrograde	-1580 Nov 04 j 03:08	16°♏34'32	
evening set	-1580 Nov 08 j 02:04	15°♏05'43	
asc. node	-1580 Nov 08 j 06:51	14°♏56'30	
inferior conj	-1580 Nov 13 j 12:23	8°♏51'55	1°43'50
minimum elong	-1580 Nov 13 j 10:12	8°♏59'24	1°42'59
min. Earth dist.	-1580 Nov 13 j 22:46	8°♏16'19	0.67259 AU
morning rise	-1580 Nov 18 j 17:57	2°♏35'48	
direct	-1580 Nov 23 j 23:44	0°♏20'41	
morning max el	-1580 Dec 04 j 18:25	6°♏46'13	23°52'52
desc. node	-1580 Dec 19 j 01:06	24°♏33'43	
	-1580 Dec 22 j 20:00	0°♐	
morning set	-1579 Jan 09 j 05:50	27°♐34'52	
	-1579 Jan 10 j 15:34	0°♑	
max. Earth dist.	-1579 Jan 13 j 05:05	4°♑29'43	1.38569 AU
superior conj	-1579 Jan 20 j 11:51	17°♑51'12	-1°-51'-38
minimum elong	-1579 Jan 20 j 14:41	18°♑04'37	1°51'30
	-1579 Jan 26 j 18:46	0°♒	
evening rise	-1579 Jan 29 j 12:18	5°♒20'59	
asc. node	-1579 Feb 04 j 06:10	16°♒17'47	
	-1579 Feb 13 j 04:57	0°♓	
evening max el	-1579 Feb 14 j 22:48	1°♓50'30	18°50'38
retrograde	-1579 Feb 23 j 04:10	5°♓48'53	
evening set	-1579 Feb 25 j 12:15	5°♓30'54	
inferior conj	-1579 Mar 05 j 08:55	1°♓11'11	2°54'05
minimum elong	-1579 Mar 05 j 13:25	1°♓02'58	2°53'02
	-1579 Mar 06 j 23:47	30°♑℞♒	
min. Earth dist.	-1579 Mar 08 j 15:16	28°♒49'28	0.57464 AU
morning rise	-1579 Mar 13 j 10:32	26°♒02'13	
desc. node	-1579 Mar 17 j 00:15	24°♒58'23	
direct	-1579 Mar 18 j 22:04	24°♒49'26	
	-1579 Mar 30 j 16:33	0°♓	
morning max el	-1579 Apr 02 j 05:30	2°♓16'57	25°58'36
	-1579 Apr 21 j 21:44	0°♈	
morning set	-1579 Apr 30 j 06:10	16°♈24'12	
asc. node	-1579 May 03 j 05:31	22°♈44'48	
	-1579 May 06 j 13:22	0°♉	

superior conj	-1579 May 07 j 07:11	1°♉37'27	0°41'45
minimum elong	-1579 May 07 j 05:27	1°♉27'58	0°41'25
max. Earth dist.	-1579 May 07 j 21:53	2°♉57'55	1.32618 AU
evening rise	-1579 May 14 j 09:18	16°♉49'52	
	-1579 May 21 j 01:31	0°♊	
	-1579 Jun 09 j 17:55	0°♋	
desc. node	-1579 Jun 12 j 23:28	3°♋31'33	
evening max el	-1579 Jun 14 j 08:10	4°♋52'08	27°02'19
retrograde	-1579 Jun 28 j 06:50	12°♋11'07	
evening set	-1579 Jul 05 j 05:59	9°♋59'56	
min. Earth dist.	-1579 Jul 08 j 21:58	7°♋17'22	0.61193 AU
inferior conj	-1579 Jul 12 j 03:10	4°♋29'05	-4°-24'-2
minimum elong	-1579 Jul 12 j 06:06	4°♋22'40	4°23'42
	-1579 Jul 18 j 09:41	30°♑℞♊	
morning rise	-1579 Jul 19 j 09:11	29°♊37'13	
direct	-1579 Jul 21 j 20:14	29°♊12'31	
	-1579 Jul 25 j 04:21	0°♋	
morning max el	-1579 Jul 28 j 21:19	2°♋41'49	18°01'42
asc. node	-1579 Jul 30 j 04:44	4°♋04'00	
morning set	-1579 Aug 13 j 19:23	27°♋47'37	
	-1579 Aug 15 j 00:05	0°♌	
superior conj	-1579 Aug 24 j 01:30	16°♌23'58	1°31'23
minimum elong	-1579 Aug 24 j 05:43	16°♌42'29	1°31'02
max. Earth dist.	-1579 Aug 31 j 14:36	29°♌18'29	1.42004 AU
	-1579 Sep 01 j 00:36	0°♍	
evening rise	-1579 Sep 06 j 17:51	9°♍17'24	
desc. node	-1579 Sep 08 j 22:49	12°♍46'47	
	-1579 Sep 20 j 07:18	0°♎	
greatest brilliancy	-1579 Oct 04 j 17:00	19°♎40'56	-0.3m
evening max el	-1579 Oct 09 j 10:41	25°♎01'08	22°17'12
	-1579 Oct 15 j 23:38	0°♏	
retrograde	-1579 Oct 18 j 22:52	0°♏40'26	
	-1579 Oct 21 j 17:27	30°♑℞♎	
evening set	-1579 Oct 23 j 09:57	28°♎53'56	
asc. node	-1579 Oct 26 j 03:54	26°♎03'49	
inferior conj	-1579 Oct 28 j 19:02	22°♎33'45	0°53'52
minimum elong	-1579 Oct 28 j 17:49	22°♎37'59	0°53'20
min. Earth dist.	-1579 Oct 28 j 18:45	22°♎34'44	0.67540 AU
morning rise	-1579 Nov 03 j 01:31	16°♎18'41	
direct	-1579 Nov 07 j 16:10	14°♎25'41	
morning max el	-1579 Nov 17 j 05:37	20°♎06'09	22°25'50
greatest brilliancy	-1579 Nov 21 j 21:30	25°♎20'28	-0.3m
	-1579 Nov 25 j 13:34	0°♏	
desc. node	-1579 Dec 05 j 22:09	14°♏31'36	
	-1579 Dec 16 j 01:56	0°♐	
morning set	-1579 Dec 20 j 16:43	7°♐23'09	
max. Earth dist.	-1579 Dec 26 j 01:41	16°♐17'44	1.40665 AU
superior conj	-1578 Jan 02 j 20:43	29°♐52'53	-1°-59'-10
minimum elong	-1578 Jan 02 j 21:08	29°♐54'44	1°59'13
	-1578 Jan 02 j 22:18	0°♑	
evening rise	-1578 Jan 12 j 23:28	18°♑36'05	
	-1578 Jan 19 j 03:40	0°♒	
asc. node	-1578 Jan 22 j 03:13	5°♒05'47	
evening max el	-1578 Jan 29 j 04:46	14°♒33'16	18°19'24
retrograde	-1578 Feb 05 j 09:47	18°♒07'56	
evening set	-1578 Feb 07 j 21:57	17°♒43'03	
inferior conj	-1578 Feb 15 j 02:11	13°♒02'30	3°39'56
minimum elong	-1578 Feb 15 j 04:48	12°♒56'56	3°39'36
min. Earth dist.	-1578 Feb 18 j 11:50	10°♒10'30	0.59440 AU
morning rise	-1578 Feb 22 j 08:13	7°♒29'15	
direct	-1578 Feb 28 j 18:41	5°♒37'52	
desc. node	-1578 Mar 03 j 21:18	6°♒02'56	
morning max el	-1578 Mar 15 j 01:32	13°♒19'28	27°06'58
	-1578 Mar 28 j 07:37	0°♓	
	-1578 Apr 14 j 01:03	0°♈	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning set	-1578 Apr 14 j 15:45	1°♈16'12	
asc. node	-1578 Apr 20 j 02:34	12°♈56'24	
superior conj	-1578 Apr 21 j 18:58	16°♈37'33	0°17'42
minimum elong	-1578 Apr 21 j 18:11	16°♈33'14	0°17'33
max. Earth dist.	-1578 Apr 21 j 10:55	15°♈53'25	1.32428 AU
	-1578 Apr 27 j 22:52	0°♉	
evening rise	-1578 Apr 28 j 18:18	1°♉42'29	
	-1578 May 14 j 04:24	0°♊	
evening max el	-1578 May 27 j 07:30	16°♊32'56	26°07'36
desc. node	-1578 May 30 j 20:30	19°♊35'18	
retrograde	-1578 Jun 10 j 09:10	23°♊47'58	
evening set	-1578 Jun 16 j 14:27	22°♊12'55	
min. Earth dist.	-1578 Jun 20 j 20:22	19°♊33'31	0.59142 AU
inferior conj	-1578 Jun 24 j 04:43	17°♊01'15	-4°-34'-51
minimum elong	-1578 Jun 24 j 04:29	17°♊01'41	4°34'50
morning rise	-1578 Jul 01 j 22:11	12°♊31'46	
direct	-1578 Jul 04 j 09:35	12°♊10'47	
morning max el	-1578 Jul 12 j 06:00	15°♊55'39	18°28'32
asc. node	-1578 Jul 17 j 01:48	21°♊43'51	
	-1578 Jul 22 j 04:18	0°♋	
morning set	-1578 Jul 28 j 08:32	11°♋31'37	
superior conj	-1578 Aug 06 j 10:50	28°♋50'09	1°44'59
minimum elong	-1578 Aug 06 j 12:42	28°♋58'48	1°44'56
	-1578 Aug 07 j 01:56	0°♌	
max. Earth dist.	-1578 Aug 13 j 19:11	12°♌01'59	1.40099 AU
evening rise	-1578 Aug 18 j 05:34	19°♌34'27	
	-1578 Aug 24 j 15:57	0°♍	
desc. node	-1578 Aug 26 j 19:50	3°♍22'35	
	-1578 Sep 14 j 14:10	0°♎	
evening max el	-1578 Sep 22 j 00:31	8°♎30'36	23°37'28
retrograde	-1578 Oct 02 j 15:28	14°♎46'51	
evening set	-1578 Oct 07 j 16:30	12°♎41'41	
min. Earth dist.	-1578 Oct 12 j 15:18	6°♎55'00	0.67512 AU
inferior conj	-1578 Oct 13 j 01:49	6°♎19'03	0°00'45
minimum elong	-1578 Oct 13 j 01:48	6°♎19'07	0°00'44
transit middle	-1578 Oct 13 j 01:48	6°♎19'07	0°00'44
transit begin	-1578 Oct 12 j 23:06	6°♎28'22	
transit end	-1578 Oct 13 j 04:31	6°♎09'52	
asc. node	-1578 Oct 13 j 00:57	6°♎22'02	
morning rise	-1578 Oct 18 j 11:12	0°♎07'53	
	-1578 Oct 18 j 15:26	30°℞♍	
direct	-1578 Oct 22 j 11:56	28°♍36'34	
	-1578 Oct 26 j 16:28	0°♎	
morning max el	-1578 Oct 30 j 22:28	3°♎33'15	21°04'47
greatest brilliancy	-1578 Nov 05 j 11:21	10°♎00'06	-0.5m
	-1578 Nov 19 j 14:37	0°♏	
desc. node	-1578 Nov 22 j 19:11	4°♏48'15	
morning set	-1578 Nov 30 j 00:30	15°♏56'01	
max. Earth dist.	-1578 Dec 08 j 04:58	29°♏00'37	1.42573 AU
	-1578 Dec 08 j 19:30	0°♐	
superior conj	-1578 Dec 15 j 06:39	10°♐47'13	-1°-53'-48
minimum elong	-1578 Dec 15 j 02:55	10°♐31'24	1°53'40
	-1578 Dec 26 j 05:31	0°♑	
evening rise	-1578 Dec 26 j 20:47	1°♑08'30	
asc. node	-1577 Jan 09 j 00:14	23°♑15'17	
evening max el	-1577 Jan 12 j 15:27	27°♑36'18	18°07'53
	-1577 Jan 15 j 16:25	0°♒	
retrograde	-1577 Jan 19 j 07:11	1°♒02'18	
evening set	-1577 Jan 21 j 23:08	0°♒29'17	
	-1577 Jan 22 j 23:44	30°℞♑	
inferior conj	-1577 Jan 28 j 14:00	25°♑26'52	3°55'22
minimum elong	-1577 Jan 28 j 14:10	25°♑26'29	3°55'20
min. Earth dist.	-1577 Jan 31 j 15:11	22°♑29'25	0.61506 AU
morning rise	-1577 Feb 04 j 02:44	19°♑37'30	
direct	-1577 Feb 11 j 01:26	17°♑12'32	
desc. node	-1577 Feb 18 j 18:21	19°♑47'05	
morning max el	-1577 Feb 25 j 03:34	25°♑00'07	27°41'54
	-1577 Mar 01 j 18:01	0°♒	
	-1577 Mar 21 j 15:51	0°♓	
morning set	-1577 Mar 29 j 21:16	15°♓52'59	
max. Earth dist.	-1577 Apr 04 j 22:23	28°♓40'26	1.32596 AU
	-1577 Apr 05 j 13:02	0°♈	
superior conj	-1577 Apr 06 j 05:45	1°♈31'01	0°-7'-51
minimum elong	-1577 Apr 06 j 06:07	1°♈32'59	0°07'46
behind sun begin	-1577 Apr 06 j 01:39	1°♈08'39	
behind sun end	-1577 Apr 06 j 10:35	1°♈57'19	
asc. node	-1577 Apr 06 j 23:36	3°♈08'20	
evening rise	-1577 Apr 13 j 05:32	16°♈38'31	
	-1577 Apr 19 j 21:29	0°♉	
evening max el	-1577 May 09 j 00:49	27°♉33'16	24°47'08
	-1577 May 11 j 19:40	0°♊	
desc. node	-1577 May 17 j 17:31	3°♊33'54	
retrograde	-1577 May 23 j 00:29	4°♊38'12	
evening set	-1577 May 28 j 00:17	3°♊41'37	
min. Earth dist.	-1577 Jun 02 j 12:38	0°♊48'51	0.57218 AU
	-1577 Jun 03 j 18:44	30°℞♉	
inferior conj	-1577 Jun 05 j 10:46	28°♉53'35	-4°-14'-3
minimum elong	-1577 Jun 05 j 06:18	29°♉00'59	4°13'25
morning rise	-1577 Jun 13 j 16:14	24°♉44'40	
direct	-1577 Jun 16 j 05:12	24°♉26'17	
morning max el	-1577 Jun 25 j 06:50	28°♉39'45	19°16'05
	-1577 Jun 26 j 14:57	0°♊	
asc. node	-1577 Jul 03 j 22:52	10°♊10'30	
morning set	-1577 Jul 12 j 07:05	25°♊45'02	
	-1577 Jul 14 j 10:14	0°♋	
superior conj	-1577 Jul 20 j 13:46	12°♋10'09	1°47'57
minimum elong	-1577 Jul 20 j 13:29	12°♋08'48	1°48'00
max. Earth dist.	-1577 Jul 26 j 21:50	24°♋08'35	1.38115 AU
	-1577 Jul 30 j 03:59	0°♌	
evening rise	-1577 Jul 30 j 18:40	1°♌04'38	
desc. node	-1577 Aug 13 j 16:50	23°♌46'58	
	-1577 Aug 17 j 21:49	0°♍	
evening max el	-1577 Sep 04 j 12:07	22°♍03'54	24°55'51
retrograde	-1577 Sep 16 j 04:00	28°♍50'29	
evening set	-1577 Sep 21 j 20:00	26°♍27'17	
min. Earth dist.	-1577 Sep 26 j 09:55	21°♍15'43	0.67172 AU
inferior conj	-1577 Sep 27 j 07:01	20°♍06'01	0°-53'-57
minimum elong	-1577 Sep 27 j 08:20	20°♍01'39	0°53'24
asc. node	-1577 Sep 29 j 22:00	16°♍47'44	
morning rise	-1577 Oct 02 j 21:07	14°♍01'53	
direct	-1577 Oct 06 j 09:47	12°♍49'59	
morning max el	-1577 Oct 13 j 22:50	17°♍10'20	19°55'09
greatest brilliancy	-1577 Oct 21 j 12:15	26°♍32'12	-0.6m
	-1577 Oct 23 j 22:51	0°♎	
morning set	-1577 Nov 08 j 21:35	24°♎06'10	
desc. node	-1577 Nov 09 j 16:12	25°♎18'16	
	-1577 Nov 12 j 16:42	0°♏	
max. Earth dist.	-1577 Nov 20 j 16:18	12°♏34'42	1.44019 AU
superior conj	-1577 Nov 25 j 13:35	20°♏26'14	-1°-31'-33
minimum elong	-1577 Nov 25 j 06:07	19°♏55'58	1°30'55
	-1577 Dec 01 j 09:16	0°♐	
evening rise	-1577 Dec 08 j 23:58	12°♐50'47	
	-1577 Dec 19 j 04:31	0°♑	
asc. node	-1577 Dec 26 j 21:15	10°♑35'15	
evening max el	-1577 Dec 27 j 04:00	10°♑52'35	18°15'33
retrograde	-1576 Jan 02 j 16:08	14°♑22'47	
evening set	-1576 Jan 05 j 12:06	13°♑40'41	
inferior conj	-1576 Jan 11 j 16:41	8°♑17'36	3°48'31

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1576	Jan	11 j	14:58	8°♉22'18	3°48'18	inferior conj	-1576	Dec	25 j	06:23	21°♐27'06	3°25'57
min. Earth dist.	-1576	Jan	14 j	03:45	5°♉36'00	0.63392 AU	minimum elong	-1576	Dec	25 j	03:41	21°♐35'15	3°25'24
morning rise	-1576	Jan	17 j	16:12	2°♉17'16		min. Earth dist.	-1576	Dec	27 j	02:16	19°♐15'02	0.64947 AU
	-1576	Jan	21 j	18:10	30°℞♐		morning rise	-1576	Dec	30 j	20:45	15°♐19'06	
direct	-1576	Jan	24 j	16:17	29°♐31'55		direct	-1575	Jan	06 j	14:01	12°♐28'13	
	-1576	Jan	27 j	17:34	0°♉		morning max el	-1575	Jan	19 j	20:21	20°♐09'44	27°04'33
desc. node	-1576	Feb	05 j	15:25	5°♉37'20		desc. node	-1575	Jan	22 j	12:27	22°♐58'42	
morning max el	-1576	Feb	07 j	10:44	7°♉20'08	27°40'06		-1575	Jan	28 j	08:15	0°♉	
	-1576	Feb	24 j	21:11	0°♒			-1575	Feb	16 j	22:16	0°♒	
morning set	-1576	Mar	12 j	20:24	0°♓06'56		morning set	-1575	Feb	24 j	10:05	13°♒48'26	
	-1576	Mar	12 j	19:01	0°♓		max. Earth dist.	-1575	Mar	01 j	01:11	22°♒59'24	1.34120 AU
max. Earth dist.	-1576	Mar	18 j	04:25	11°♓06'02	1.33149 AU		-1575	Mar	04 j	10:39	0°♓	
superior conj	-1576	Mar	20 j	13:51	16°♓12'07	0°-33'-59	superior conj	-1575	Mar	04 j	17:16	0°♓34'37	0°-59'-37
minimum elong	-1576	Mar	20 j	15:26	16°♓20'37	0°33'40	minimum elong	-1575	Mar	04 j	19:58	0°♓48'48	0°59'10
asc. node	-1576	Mar	23 j	20:38	23°♓16'41		asc. node	-1575	Mar	10 j	17:40	13°♓17'25	
	-1576	Mar	26 j	23:55	0°♈		evening rise	-1575	Mar	12 j	03:38	16°♓15'23	
evening rise	-1576	Mar	27 j	17:15	1°♈31'33			-1575	Mar	19 j	02:39	0°♈	
	-1576	Apr	12 j	16:26	0°♉		evening max el	-1575	Apr	01 j	11:44	18°♈57'05	21°40'51
evening max el	-1576	Apr	19 j	15:59	8°♉11'29	23°13'21	retrograde	-1575	Apr	13 j	19:27	24°♈56'27	
retrograde	-1576	May	03 j	03:09	14°♉52'53		evening set	-1575	Apr	16 j	09:05	24°♈41'35	
desc. node	-1576	May	03 j	14:33	14°♉52'23		desc. node	-1575	Apr	20 j	11:35	23°♈22'47	
evening set	-1576	May	06 j	17:30	14°♉24'31		inferior conj	-1575	Apr	25 j	17:53	20°♈39'04	-1°-28'-29
min. Earth dist.	-1576	May	14 j	02:00	11°♉05'35	0.55758 AU	minimum elong	-1575	Apr	25 j	13:48	20°♈44'48	1°27'06
inferior conj	-1576	May	15 j	21:05	10°♉02'28	-3°-11'-13	min. Earth dist.	-1575	Apr	25 j	15:19	20°♈42'40	0.55075 AU
minimum elong	-1576	May	15 j	14:20	10°♉12'24	3°09'26	morning rise	-1575	May	04 j	19:19	16°♈40'40	
morning rise	-1576	May	24 j	14:22	6°♉06'44		direct	-1575	May	07 j	18:09	16°♈21'30	
direct	-1576	May	27 j	06:02	5°♉49'41		morning max el	-1575	May	20 j	01:24	22°♈10'14	21°50'51
morning max el	-1576	Jun	06 j	21:31	10°♉45'43	20°24'19		-1575	May	26 j	18:45	0°♉	
asc. node	-1576	Jun	19 j	19:55	29°♉12'45		asc. node	-1575	Jun	06 j	16:59	18°♉41'45	
	-1576	Jun	20 j	06:04	0°♊		morning set	-1575	Jun	09 j	21:20	25°♉09'48	
morning set	-1576	Jun	25 j	12:05	10°♊19'50			-1575	Jun	12 j	04:48	0°♊	
superior conj	-1576	Jul	03 j	05:21	26°♊09'48	1°42'41	superior conj	-1575	Jun	17 j	05:49	10°♊37'57	1°31'06
minimum elong	-1576	Jul	03 j	03:37	26°♊01'03	1°42'36	minimum elong	-1575	Jun	17 j	03:22	10°♊25'09	1°30'51
	-1576	Jul	05 j	03:09	0°♋		max. Earth dist.	-1575	Jun	20 j	18:19	17°♊54'12	1.34776 AU
max. Earth dist.	-1576	Jul	08 j	03:58	5°♋57'40	1.36287 AU	evening rise	-1575	Jun	25 j	09:54	27°♊06'58	
evening rise	-1576	Jul	12 j	05:46	13°♋39'46			-1575	Jun	26 j	22:11	0°♋	
	-1576	Jul	21 j	14:49	0°♌			-1575	Jul	14 j	22:01	0°♌	
desc. node	-1576	Jul	30 j	13:51	13°♌53'54		desc. node	-1575	Jul	17 j	10:52	3°♌35'49	
	-1576	Aug	11 j	17:38	0°♍		evening max el	-1575	Jul	30 j	10:54	19°♌08'10	26°56'04
evening max el	-1576	Aug	16 j	23:19	5°♍38'16	26°04'41	retrograde	-1575	Aug	12 j	14:39	26°♌26'55	
retrograde	-1576	Aug	29 j	11:48	12°♍45'54		evening set	-1575	Aug	19 j	09:50	23°♌41'13	
evening set	-1576	Sep	04 j	18:31	10°♍07'58		min. Earth dist.	-1575	Aug	23 j	07:55	19°♌45'05	0.65475 AU
min. Earth dist.	-1576	Sep	09 j	00:12	5°♍33'46	0.66502 AU	inferior conj	-1575	Aug	25 j	05:14	17°♌33'30	-2°-41'-13
inferior conj	-1576	Sep	10 j	08:49	3°♍51'44	-1°-48'-38	minimum elong	-1575	Aug	25 j	09:01	17°♌22'30	2°39'55
minimum elong	-1576	Sep	10 j	11:29	3°♍43'26	1°47'35	morning rise	-1575	Aug	31 j	09:32	11°♌52'46	
	-1576	Sep	13 j	16:45	30°℞♌		asc. node	-1575	Sep	02 j	16:08	11°♌11'10	
asc. node	-1576	Sep	15 j	19:04	28°♌13'52		direct	-1575	Sep	03 j	04:46	11°♌09'38	
morning rise	-1576	Sep	16 j	05:16	27°♌57'45		morning max el	-1575	Sep	09 j	18:54	14°♌45'36	18°20'45
direct	-1576	Sep	19 j	08:02	27°♌02'02			-1575	Sep	20 j	17:31	0°♍	
	-1576	Sep	25 j	07:15	0°♍		morning set	-1575	Sep	28 j	21:38	13°♍18'27	
morning max el	-1576	Sep	26 j	06:17	0°♍55'37	18°59'55		-1575	Oct	09 j	05:19	0°♎	
	-1576	Oct	16 j	09:51	0°♎		desc. node	-1575	Oct	13 j	10:13	6°♎40'52	
morning set	-1576	Oct	18 j	08:04	3°♎01'55								
desc. node	-1576	Oct	26 j	13:12	15°♎56'53		superior conj	-1575	Oct	13 j	21:09	7°♎24'04	0°-2'-58
max. Earth dist.	-1576	Nov	02 j	08:52	26°♎40'14	1.44820 AU	minimum elong	-1575	Oct	13 j	20:46	7°♎22'34	0°02'55
							behind sun begin	-1575	Oct	13 j	09:44	6°♎38'57	
superior conj	-1576	Nov	03 j	20:45	29°♎01'44	0°-52'-6	behind sun end	-1575	Oct	14 j	07:48	8°♎06'10	
minimum elong	-1576	Nov	03 j	14:20	28°♎36'24	0°51'20	max. Earth dist.	-1575	Oct	16 j	03:10	10°♎57'10	1.44895 AU
	-1576	Nov	04 j	11:31	0°♏			-1575	Oct	28 j	06:41	0°♏	
evening rise	-1576	Nov	19 j	04:43	23°♏34'36		evening rise	-1575	Oct	30 j	09:19	3°♏18'10	
	-1576	Nov	23 j	03:23	0°♐		greatest brilliancy	-1575	Nov	13 j	21:01	25°♏42'21	-0.7m
evening max el	-1576	Dec	09 j	15:41	24°♐15'36	18°41'36		-1575	Nov	16 j	20:15	0°♐	
asc. node	-1576	Dec	12 j	18:18	26°♐51'32		evening max el	-1575	Nov	23 j	00:14	7°♐41'46	19°24'42
retrograde	-1576	Dec	16 j	08:27	28°♐00'49		asc. node	-1575	Nov	29 j	15:21	11°♐49'05	
evening set	-1576	Dec	19 j	09:29	27°♐08'22		retrograde	-1575	Nov	30 j	04:41	11°♐50'50	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1575 Dec 03 j 12:32	10°♐46'09	
inferior conj	-1575 Dec 09 j 03:55	4°♐49'48	2°52'16
minimum elong	-1575 Dec 09 j 00:59	4°♐59'17	2°51'25
min. Earth dist.	-1575 Dec 10 j 09:39	3°♐13'53	0.66129 AU
	-1575 Dec 13 j 02:43	30°℞♏	
morning rise	-1575 Dec 14 j 12:38	28°♏36'44	
direct	-1575 Dec 20 j 18:00	25°♏53'06	
	-1575 Dec 29 j 16:19	0°♐	
morning max el	-1574 Jan 02 j 05:49	3°♐15'48	26°02'13
desc. node	-1574 Jan 09 j 09:30	11°♐24'31	
	-1574 Jan 22 j 15:01	0°♑	
morning set	-1574 Feb 07 j 10:09	26°♑44'20	
	-1574 Feb 09 j 04:00	0°♒	
max. Earth dist.	-1574 Feb 11 j 10:00	4°♒18'05	1.35545 AU
superior conj	-1574 Feb 16 j 13:33	14°♒30'41	-1°-23'-20
minimum elong	-1574 Feb 16 j 17:00	14°♒48'14	1°22'54
evening rise	-1574 Feb 24 j 10:44	0°♓43'07	
	-1574 Feb 24 j 02:18	0°♓	
asc. node	-1574 Feb 25 j 14:42	3°♓05'29	
evening max el	-1574 Mar 14 j 17:20	0°♈12'41	20°20'27
	-1574 Mar 14 j 12:05	0°♈	
retrograde	-1574 Mar 25 j 09:34	5°♈18'58	
evening set	-1574 Mar 27 j 14:08	5°♈06'59	
inferior conj	-1574 Apr 05 j 14:05	1°♈08'58	0°29'57
minimum elong	-1574 Apr 05 j 15:26	1°♈06'59	0°29'28
min. Earth dist.	-1574 Apr 07 j 05:26	0°♈11'02	0.55344 AU
desc. node	-1574 Apr 07 j 08:39	0°♈06'21	
	-1574 Apr 07 j 13:02	30°℞♓	
morning rise	-1574 Apr 14 j 14:25	26°♓49'00	
direct	-1574 Apr 18 j 07:06	26°♓19'13	
	-1574 Apr 28 j 06:50	0°♈	
morning max el	-1574 May 01 j 20:16	2°♈58'16	23°29'12
	-1574 May 20 j 08:30	0°♉	
asc. node	-1574 May 24 j 14:02	8°♉29'29	
morning set	-1574 May 25 j 08:51	10°♉07'39	
superior conj	-1574 Jun 01 j 12:07	25°♉23'59	1°14'43
minimum elong	-1574 Jun 01 j 09:35	25°♉10'22	1°14'20
	-1574 Jun 03 j 15:56	0°♊	
max. Earth dist.	-1574 Jun 03 j 18:17	0°♊12'27	1.33645 AU
evening rise	-1574 Jun 09 j 02:19	11°♊11'30	
	-1574 Jun 19 j 05:36	0°♋	
desc. node	-1574 Jul 04 j 07:55	22°♋41'10	
	-1574 Jul 10 j 13:21	0°♌	
evening max el	-1574 Jul 12 j 22:02	2°♌22'53	27°22'54
retrograde	-1574 Jul 26 j 11:54	9°♌44'25	
evening set	-1574 Aug 02 j 14:57	7°♌01'41	
min. Earth dist.	-1574 Aug 06 j 07:03	3°♌41'03	0.64072 AU
inferior conj	-1574 Aug 08 j 17:47	1°♌05'58	-3°-29'-2
minimum elong	-1574 Aug 08 j 22:09	0°♌54'25	3°27'51
	-1574 Aug 09 j 19:00	30°℞♋	
morning rise	-1574 Aug 15 j 07:14	25°♋41'35	
direct	-1574 Aug 17 j 21:25	25°♋07'38	
asc. node	-1574 Aug 20 j 13:13	25°♋43'35	
morning max el	-1574 Aug 24 j 10:05	28°♋34'22	17°58'51
	-1574 Aug 25 j 17:56	0°♌	
morning set	-1574 Sep 10 j 14:19	24°♌53'25	
	-1574 Sep 13 j 14:06	0°♍	
superior conj	-1574 Sep 23 j 12:48	16°♍34'45	0°43'16
minimum elong	-1574 Sep 23 j 17:17	16°♍53'02	0°42'41
max. Earth dist.	-1574 Sep 28 j 20:21	25°♍08'26	1.44249 AU
desc. node	-1574 Sep 30 j 07:16	27°♍27'08	
	-1574 Oct 01 j 21:57	0°♎	
evening rise	-1574 Oct 09 j 19:16	12°♎17'19	
	-1574 Oct 21 j 10:53	0°♏	
greatest brilliancy	-1574 Oct 30 j 18:47	13°♏24'29	-0.6m
evening max el	-1574 Nov 06 j 03:55	21°♏09'17	20°22'49
retrograde	-1574 Nov 14 j 02:09	25°♏49'23	
asc. node	-1574 Nov 16 j 12:24	25°♏15'32	
evening set	-1574 Nov 17 j 18:57	24°♏30'09	
inferior conj	-1574 Nov 23 j 06:39	18°♏21'57	2°10'36
minimum elong	-1574 Nov 23 j 04:04	18°♏30'41	2°09'40
min. Earth dist.	-1574 Nov 23 j 23:44	17°♏24'17	0.66945 AU
morning rise	-1574 Nov 28 j 12:39	12°♏06'17	
direct	-1574 Dec 04 j 03:26	9°♏38'59	
morning max el	-1574 Dec 15 j 14:15	16°♏28'32	24°42'34
	-1574 Dec 26 j 19:55	0°♐	
desc. node	-1574 Dec 27 j 06:32	0°♐35'59	
	-1573 Jan 15 j 14:22	0°♑	
morning set	-1573 Jan 20 j 15:06	8°♑38'57	
max. Earth dist.	-1573 Jan 24 j 08:29	15°♑20'24	1.37383 AU
superior conj	-1573 Jan 30 j 23:32	27°♑51'37	-1°-43'-6
minimum elong	-1573 Jan 31 j 02:57	28°♑08'17	1°42'50
	-1573 Feb 01 j 01:50	0°♒	
evening rise	-1573 Feb 08 j 12:18	14°♒48'19	
asc. node	-1573 Feb 12 j 11:45	22°♒35'39	
	-1573 Feb 16 j 13:23	0°♓	
evening max el	-1573 Feb 25 j 09:58	12°♓05'55	19°17'47
retrograde	-1573 Mar 06 j 10:10	16°♓24'31	
evening set	-1573 Mar 08 j 16:10	16°♓09'35	
inferior conj	-1573 Mar 16 j 23:15	12°♓00'35	2°11'14
minimum elong	-1573 Mar 17 j 03:44	11°♓53'06	2°09'56
min. Earth dist.	-1573 Mar 19 j 20:30	10°♓05'48	0.56503 AU
morning rise	-1573 Mar 25 j 11:24	7°♓09'30	
desc. node	-1573 Mar 25 j 05:41	7°♓14'47	
direct	-1573 Mar 30 j 07:12	6°♓15'54	
morning max el	-1573 Apr 13 j 11:01	13°♓29'58	25°07'40
	-1573 Apr 26 j 08:29	0°♈	
morning set	-1573 May 09 j 20:56	25°♈07'54	
asc. node	-1573 May 11 j 11:06	28°♈30'18	
	-1573 May 12 j 03:49	0°♉	
superior conj	-1573 May 16 j 22:00	10°♉20'20	0°54'38
minimum elong	-1573 May 16 j 19:51	10°♉08'41	0°54'15
max. Earth dist.	-1573 May 18 j 02:09	12°♉53'19	1.32896 AU
evening rise	-1573 May 24 j 03:20	25°♉41'57	
	-1573 May 26 j 06:27	0°♊	
	-1573 Jun 12 j 18:05	0°♋	
desc. node	-1573 Jun 21 j 04:57	10°♋54'26	
evening max el	-1573 Jun 25 j 06:34	15°♋09'27	27°19'20
retrograde	-1573 Jul 09 j 02:37	22°♋29'03	
evening set	-1573 Jul 16 j 06:07	20°♋02'41	
min. Earth dist.	-1573 Jul 19 j 20:10	17°♋09'50	0.62324 AU
inferior conj	-1573 Jul 22 j 19:31	14°♋22'06	-4°-8'00
minimum elong	-1573 Jul 22 j 23:25	14°♋12'53	4°07'19
morning rise	-1573 Jul 29 j 19:12	9°♋17'19	
direct	-1573 Aug 01 j 06:50	8°♋49'44	
asc. node	-1573 Aug 07 j 10:18	11°♋40'46	
morning max el	-1573 Aug 08 j 01:00	12°♋15'24	17°55'09
	-1573 Aug 19 j 23:47	0°♌	
morning set	-1573 Aug 24 j 04:34	7°♌30'23	
superior conj	-1573 Sep 04 j 07:09	27°♌04'42	1°17'46
minimum elong	-1573 Sep 04 j 12:18	27°♌26'39	1°17'15
	-1573 Sep 06 j 00:27	0°♍	
max. Earth dist.	-1573 Sep 11 j 09:59	8°♍57'31	1.42971 AU
desc. node	-1573 Sep 17 j 04:18	18°♍12'13	
evening rise	-1573 Sep 19 j 02:11	21°♍12'22	
	-1573 Sep 24 j 19:08	0°♎	
greatest brilliancy	-1573 Oct 15 j 02:06	28°♎53'09	-0.4m
	-1573 Oct 15 j 23:44	0°♏	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1573 Oct 20 j 01:44	4°♏36'48	21°33'01
retrograde	-1573 Oct 28 j 22:50	9°♏53'15	
evening set	-1573 Nov 02 j 02:45	8°♏17'08	
asc. node	-1573 Nov 03 j 09:28	7°♏08'38	
inferior conj	-1573 Nov 07 j 12:23	2°♏00'27	1°23'06
minimum elong	-1573 Nov 07 j 10:34	2°♏06'42	1°22'22
min. Earth dist.	-1573 Nov 07 j 18:10	1°♏40'30	0.67421 AU
	-1573 Nov 08 j 23:41	30°℞♎	
morning rise	-1573 Nov 12 j 18:06	25°♎44'37	
direct	-1573 Nov 17 j 17:29	23°♎38'37	
morning max el	-1573 Nov 27 j 23:24	29°♎44'41	23°15'33
	-1573 Nov 28 j 05:26	0°♏	
greatest brilliancy	-1573 Dec 03 j 03:34	5°♏33'41	-0.3m
desc. node	-1573 Dec 14 j 03:34	20°♏19'29	
	-1573 Dec 20 j 16:40	0°♐	
morning set	-1572 Jan 01 j 18:32	19°♐14'58	
max. Earth dist.	-1572 Jan 06 j 03:45	26°♐43'21	1.39469 AU
	-1572 Jan 08 j 00:40	0°♑	
superior conj	-1572 Jan 13 j 18:58	10°♑25'22	-1°-56'-9
minimum elong	-1572 Jan 13 j 21:00	10°♑34'48	1°56'06
evening rise	-1572 Jan 23 j 05:34	28°♑23'15	
	-1572 Jan 24 j 01:42	0°♒	
asc. node	-1572 Jan 30 j 08:47	11°♒40'49	
evening max el	-1572 Feb 08 j 11:44	24°♒31'55	18°34'54
retrograde	-1572 Feb 16 j 05:07	28°♒18'04	
evening set	-1572 Feb 18 j 15:08	27°♒57'11	
inferior conj	-1572 Feb 26 j 04:27	23°♒28'39	3°17'46
minimum elong	-1572 Feb 26 j 08:20	23°♒21'03	3°17'01
min. Earth dist.	-1572 Feb 29 j 13:57	20°♒51'26	0.58277 AU
morning rise	-1572 Mar 04 j 21:45	18°♒08'39	
direct	-1572 Mar 10 j 20:14	16°♒39'46	
desc. node	-1572 Mar 11 j 02:44	16°♒39'57	
morning max el	-1572 Mar 25 j 03:48	24°♒13'32	26°31'19
	-1572 Mar 30 j 10:04	0°♓	
	-1572 Apr 18 j 08:08	0°♈	
morning set	-1572 Apr 23 j 07:56	10°♈04'34	
asc. node	-1572 Apr 27 j 08:09	18°♈39'08	
superior conj	-1572 Apr 30 j 09:33	25°♈20'30	0°31'47
minimum elong	-1572 Apr 30 j 08:11	25°♈13'01	0°31'31
max. Earth dist.	-1572 Apr 30 j 14:31	25°♈47'46	1.32499 AU
	-1572 May 02 j 12:37	0°♉	
evening rise	-1572 May 07 j 10:04	10°♉28'42	
	-1572 May 17 j 13:25	0°♊	
evening max el	-1572 Jun 06 j 09:48	27°♊16'11	26°42'45
desc. node	-1572 Jun 07 j 01:58	27°♊54'01	
	-1572 Jun 09 j 13:04	0°♋	
retrograde	-1572 Jun 20 j 09:41	4°♋32'55	
evening set	-1572 Jun 27 j 03:00	2°♋36'08	
	-1572 Jun 30 j 21:49	30°℞♊	
min. Earth dist.	-1572 Jun 30 j 23:12	29°♊57'16	0.60330 AU
inferior conj	-1572 Jul 04 j 06:58	27°♊13'24	-4°-31'-43
minimum elong	-1572 Jul 04 j 08:47	27°♊09'40	4°31'36
morning rise	-1572 Jul 11 j 17:45	22°♊30'53	
direct	-1572 Jul 14 j 04:56	22°♊07'46	
morning max el	-1572 Jul 21 j 12:50	25°♊41'57	18°10'38
asc. node	-1572 Jul 24 j 07:22	28°♊47'48	
	-1572 Jul 25 j 05:25	0°♋	
morning set	-1572 Aug 06 j 10:44	20°♋54'01	
	-1572 Aug 11 j 07:17	0°♌	
superior conj	-1572 Aug 16 j 03:49	8°♌53'22	1°38'37
minimum elong	-1572 Aug 16 j 07:04	9°♌08'00	1°38'25
max. Earth dist.	-1572 Aug 23 j 18:19	22°♌09'42	1.41224 AU
	-1572 Aug 28 j 11:40	0°♍	
evening rise	-1572 Aug 29 j 00:13	0°♍50'58	
desc. node	-1572 Sep 03 j 01:20	8°♍52'56	
	-1572 Sep 17 j 06:53	0°♎	
greatest brilliancy	-1572 Sep 26 j 17:26	12°♎27'36	-0.3m
evening max el	-1572 Oct 01 j 18:00	18°♎05'18	22°51'03
retrograde	-1572 Oct 11 j 17:18	24°♎00'18	
evening set	-1572 Oct 16 j 10:16	22°♎05'40	
asc. node	-1572 Oct 20 j 06:30	17°♎49'25	
inferior conj	-1572 Oct 21 j 19:18	15°♎44'02	0°31'37
minimum elong	-1572 Oct 21 j 18:33	15°♎46'34	0°31'17
min. Earth dist.	-1572 Oct 21 j 14:34	16°♎00'19	0.67573 AU
morning rise	-1572 Oct 27 j 02:49	9°♎30'33	
direct	-1572 Oct 31 j 11:21	7°♎47'05	
morning max el	-1572 Nov 09 j 12:44	13°♎07'45	21°50'15
greatest brilliancy	-1572 Nov 14 j 09:20	18°♎38'51	-0.4m
	-1572 Nov 22 j 20:39	0°♏	
desc. node	-1572 Nov 30 j 00:38	10°♏26'19	
morning set	-1572 Dec 11 j 16:56	28°♏27'36	
	-1572 Dec 12 j 16:01	0°♐	
max. Earth dist.	-1572 Dec 18 j 03:20	8°♐56'20	1.41525 AU
superior conj	-1572 Dec 25 j 18:41	21°♐59'32	-1°-58'-44
minimum elong	-1572 Dec 25 j 17:29	21°♐54'20	1°58'45
	-1572 Dec 30 j 06:33	0°♑	
evening rise	-1571 Jan 05 j 11:18	11°♑21'06	
asc. node	-1571 Jan 16 j 05:47	0°♒13'22	
	-1571 Jan 16 j 02:19	0°♒	
evening max el	-1571 Jan 21 j 19:57	7°♒23'26	18°12'02
retrograde	-1571 Jan 28 j 18:06	10°♒53'00	
evening set	-1571 Jan 31 j 07:51	10°♒24'46	
inferior conj	-1571 Feb 07 j 05:58	5°♒34'32	3°49'43
minimum elong	-1571 Feb 07 j 07:31	5°♒31'02	3°49'35
min. Earth dist.	-1571 Feb 10 j 12:53	2°♒37'24	0.60325 AU
	-1571 Feb 13 j 23:57	30°℞♑	
morning rise	-1571 Feb 14 j 04:09	29°♑53'24	
direct	-1571 Feb 20 j 21:01	27°♑46'52	
desc. node	-1571 Feb 25 j 23:46	28°♑54'57	
	-1571 Feb 28 j 03:07	0°♒	
morning max el	-1571 Mar 07 j 02:31	5°♒31'35	27°26'27
	-1571 Mar 25 j 08:31	0°♓	
morning set	-1571 Apr 07 j 16:02	24°♓50'53	
	-1571 Apr 10 j 02:55	0°♈	
max. Earth dist.	-1571 Apr 14 j 03:28	8°♈41'47	1.32451 AU
asc. node	-1571 Apr 14 j 05:10	8°♈51'08	
superior conj	-1571 Apr 14 j 21:04	10°♈18'04	0°07'00
minimum elong	-1571 Apr 14 j 20:45	10°♈16'20	0°06'57
behind sun begin	-1571 Apr 14 j 16:12	9°♈51'27	
behind sun end	-1571 Apr 15 j 01:17	10°♈41'13	
evening rise	-1571 Apr 21 j 20:13	25°♈23'16	
	-1571 Apr 24 j 01:32	0°♉	
	-1571 May 11 j 17:30	0°♊	
evening max el	-1571 May 19 j 06:10	8°♊37'51	25°35'53
desc. node	-1571 May 24 j 22:59	13°♊09'20	
retrograde	-1571 Jun 02 j 07:36	15°♊50'07	
evening set	-1571 Jun 08 j 01:47	14°♊31'32	
min. Earth dist.	-1571 Jun 12 j 18:17	11°♊48'37	0.58288 AU
inferior conj	-1571 Jun 16 j 00:29	9°♊29'27	-4°-30'-38
minimum elong	-1571 Jun 15 j 22:28	9°♊33'04	4°30'30
morning rise	-1571 Jun 23 j 23:03	5°♊09'37	
direct	-1571 Jun 26 j 11:05	4°♊49'51	
morning max el	-1571 Jul 04 j 18:34	8°♊44'43	18°46'16
asc. node	-1571 Jul 11 j 04:26	16°♊49'11	
	-1571 Jul 18 j 15:56	0°♋	
morning set	-1571 Jul 21 j 04:17	4°♋51'45	
superior conj	-1571 Jul 29 j 21:21	21°♋44'57	1°47'25
minimum elong	-1571 Jul 29 j 22:14	21°♋49'08	1°47'25

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1571 Aug 03 j 08:00	0°♌	
max. Earth dist.	-1571 Aug 05 j 21:31	4°♌36'16	1.39247 AU
evening rise	-1571 Aug 09 j 22:48	11°♌39'07	
desc. node	-1571 Aug 20 j 22:21	29°♌24'38	
	-1571 Aug 21 j 07:35	0°♍	
	-1571 Sep 12 j 17:12	0°♎	
evening max el	-1571 Sep 14 j 06:24	1°♎35'41	24°11'22
retrograde	-1571 Sep 25 j 08:23	8°♎06'22	
evening set	-1571 Sep 30 j 15:46	5°♎53'03	
min. Earth dist.	-1571 Oct 05 j 10:34	0°♎21'05	0.67408 AU
	-1571 Oct 05 j 16:49	30°℞♍	
inferior conj	-1571 Oct 06 j 01:36	29°♍30'18	0°-22'-21
minimum elong	-1571 Oct 06 j 02:09	29°♍28'28	0°22'09
asc. node	-1571 Oct 07 j 03:33	28°♍03'31	
morning rise	-1571 Oct 11 j 12:48	23°♍21'52	
direct	-1571 Oct 15 j 08:03	21°♍59'24	
morning max el	-1571 Oct 23 j 08:51	26°♍39'45	20°33'31
	-1571 Oct 26 j 08:52	0°♎	
greatest brilliancy	-1571 Oct 29 j 14:50	4°♎06'31	-0.5m
	-1571 Nov 16 j 08:46	0°♏	
desc. node	-1571 Nov 16 j 21:41	0°♏49'27	
morning set	-1571 Nov 20 j 17:20	6°♏42'46	
max. Earth dist.	-1571 Nov 30 j 10:00	22°♏02'12	1.43254 AU
	-1571 Dec 05 j 07:06	0°♐	
superior conj	-1571 Dec 06 j 17:19	2°♐21'57	-1°-46'-33
minimum elong	-1571 Dec 06 j 11:43	1°♐58'39	1°46'14
evening rise	-1571 Dec 19 j 01:29	23°♐33'41	
	-1571 Dec 22 j 17:25	0°♑	
asc. node	-1570 Jan 03 j 02:48	18°♑03'39	
evening max el	-1570 Jan 05 j 07:43	20°♑33'02	18°08'50
retrograde	-1570 Jan 11 j 21:03	23°♑59'44	
evening set	-1570 Jan 14 j 14:29	23°♑23'10	
inferior conj	-1570 Jan 21 j 00:38	18°♑11'48	3°54'44
minimum elong	-1570 Jan 20 j 23:54	18°♑13'42	3°54'41
min. Earth dist.	-1570 Jan 23 j 20:13	15°♑18'37	0.62335 AU
morning rise	-1570 Jan 27 j 07:10	12°♑16'57	
direct	-1570 Feb 03 j 07:32	9°♑41'19	
desc. node	-1570 Feb 12 j 20:50	13°♑37'36	
morning max el	-1570 Feb 17 j 07:12	17°♑30'55	27°45'38
	-1570 Feb 27 j 17:57	0°♒	
	-1570 Mar 18 j 01:10	0°♓	
morning set	-1570 Mar 22 j 19:11	9°♓19'44	
max. Earth dist.	-1570 Mar 28 j 13:03	21°♓21'24	1.32773 AU
superior conj	-1570 Mar 30 j 06:56	25°♓07'31	0°-18'-54
minimum elong	-1570 Mar 30 j 07:49	25°♓12'17	0°18'44
asc. node	-1570 Apr 01 j 02:11	29°♓02'23	
	-1570 Apr 01 j 12:47	0°♈	
evening rise	-1570 Apr 06 j 07:53	10°♈19'04	
	-1570 Apr 16 j 12:20	0°♉	
evening max el	-1570 Apr 30 j 21:42	19°♉25'32	24°08'03
desc. node	-1570 May 11 j 19:58	26°♉03'57	
retrograde	-1570 May 14 j 18:10	26°♉23'32	
evening set	-1570 May 19 j 03:18	25°♉40'47	
min. Earth dist.	-1570 May 25 j 09:08	22°♉38'05	0.56513 AU
inferior conj	-1570 May 27 j 21:53	21°♉03'24	-3°-52'-56
minimum elong	-1570 May 27 j 15:58	21°♉12'40	3°51'46
morning rise	-1570 Jun 05 j 08:32	17°♉01'36	
direct	-1570 Jun 07 j 22:10	16°♉44'11	
morning max el	-1570 Jun 17 j 15:26	21°♉14'23	19°42'39
	-1570 Jun 24 j 16:48	0°♊	
asc. node	-1570 Jun 28 j 01:30	5°♊32'28	
morning set	-1570 Jul 05 j 05:53	19°♊15'12	
	-1570 Jul 10 j 13:27	0°♋	
superior conj	-1570 Jul 13 j 06:15	5°♋23'49	1°46'36
minimum elong	-1570 Jul 13 j 05:16	5°♋18'57	1°46'36
max. Earth dist.	-1570 Jul 19 j 00:24	16°♋30'12	1.37306 AU
evening rise	-1570 Jul 22 j 21:54	23°♋38'55	
	-1570 Jul 26 j 12:40	0°♌	
desc. node	-1570 Aug 07 j 19:20	19°♌42'23	
	-1570 Aug 15 j 00:33	0°♍	
evening max el	-1570 Aug 27 j 17:33	15°♍09'41	25°26'43
retrograde	-1570 Sep 08 j 19:09	22°♍07'12	
evening set	-1570 Sep 14 j 17:25	19°♍37'12	
min. Earth dist.	-1570 Sep 19 j 03:45	14°♍41'05	0.66928 AU
inferior conj	-1570 Sep 20 j 05:37	13°♍17'20	-1°-17'-17
minimum elong	-1570 Sep 20 j 07:31	13°♍11'12	1°16'30
asc. node	-1570 Sep 24 j 00:38	8°♍49'30	
morning rise	-1570 Sep 25 j 22:12	7°♍16'57	
direct	-1570 Sep 29 j 06:17	6°♍12'28	
morning max el	-1570 Oct 06 j 12:22	10°♍20'40	19°29'39
greatest brilliancy	-1570 Oct 15 j 13:04	21°♍56'37	-0.7m
	-1570 Oct 20 j 22:41	0°♎	
morning set	-1570 Oct 30 j 17:20	15°♎04'33	
desc. node	-1570 Nov 03 j 18:43	21°♎23'36	
	-1570 Nov 09 j 06:38	0°♏	
max. Earth dist.	-1570 Nov 12 j 23:19	5°♏49'46	1.44442 AU
superior conj	-1570 Nov 16 j 13:01	11°♏30'37	-1°-16'-40
minimum elong	-1570 Nov 16 j 05:12	10°♏59'24	1°15'53
	-1570 Nov 27 j 21:31	0°♐	
evening rise	-1570 Nov 30 j 19:32	4°♐51'34	
	-1570 Dec 16 j 13:35	0°♑	
evening max el	-1570 Dec 19 j 20:15	3°♑53'09	18°24'33
asc. node	-1570 Dec 20 j 23:50	4°♑58'39	
retrograde	-1570 Dec 26 j 09:28	7°♑28'28	
evening set	-1570 Dec 29 j 07:24	6°♑42'14	
inferior conj	-1569 Jan 04 j 08:27	1°♑11'26	3°40'31
minimum elong	-1569 Jan 04 j 06:12	1°♑17'50	3°40'11
	-1569 Jan 05 j 09:17	30°℞♐	
min. Earth dist.	-1569 Jan 06 j 13:10	28°♐40'51	0.64098 AU
morning rise	-1569 Jan 10 j 03:35	25°♐07'31	
direct	-1569 Jan 17 j 01:43	22°♐17'40	
morning max el	-1569 Jan 30 j 15:35	0°♑04'41	27°28'41
desc. node	-1569 Jan 30 j 17:54	0°♑10'26	
	-1569 Jan 30 j 13:42	0°♑	
	-1569 Feb 21 j 16:59	0°♒	
morning set	-1569 Mar 06 j 14:41	23°♒21'14	
	-1569 Mar 09 j 22:02	0°♓	
max. Earth dist.	-1569 Mar 11 j 15:18	3°♓33'08	1.33504 AU
superior conj	-1569 Mar 14 j 13:18	9°♓41'45	0°-44'-59
minimum elong	-1569 Mar 14 j 15:23	9°♓52'51	0°44'37
asc. node	-1569 Mar 18 j 23:12	19°♓08'05	
evening rise	-1569 Mar 21 j 19:14	25°♓08'49	
	-1569 Mar 24 j 03:32	0°♈	
evening max el	-1569 Apr 12 j 14:06	0°♉03'45	22°33'09
	-1569 Apr 12 j 12:33	0°♉	
retrograde	-1569 Apr 25 j 15:41	6°♉28'58	
evening set	-1569 Apr 28 j 17:31	6°♉08'13	
desc. node	-1569 Apr 28 j 17:01	6°♉08'30	
min. Earth dist.	-1569 May 06 j 22:32	2°♉34'14	0.55357 AU
inferior conj	-1569 May 08 j 01:13	1°♉56'14	-2°-31'-36
minimum elong	-1569 May 07 j 18:58	2°♉05'09	2°29'42
	-1569 May 11 j 14:20	30°℞♈	
morning rise	-1569 May 16 j 22:38	28°♈01'13	
direct	-1569 May 19 j 16:27	27°♈43'52	
	-1569 May 27 j 02:56	0°♉	
morning max el	-1569 May 31 j 01:24	3°♉02'19	20°59'08
asc. node	-1569 Jun 14 j 22:34	24°♉46'56	
	-1569 Jun 17 j 14:20	0°♊	
morning set	-1569 Jun 19 j 12:57	3°♊56'58	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1569 Jun 27 j 02:00	19°♊36'32	1°38'26
minimum elong	-1569 Jun 26 j 23:54	19°♊25'40	1°38'17
max. Earth dist.	-1569 Jul 01 j 09:34	28°♊19'30	1.35602 AU
	-1569 Jul 02 j 05:59	0°♋	
evening rise	-1569 Jul 05 j 16:54	6°♋38'09	
	-1569 Jul 19 j 06:05	0°♌	
desc. node	-1569 Jul 25 j 16:20	9°♌39'49	
evening max el	-1569 Aug 10 j 05:10	28°♌44'23	26°29'13
	-1569 Aug 11 j 13:25	0°♍	
retrograde	-1569 Aug 23 j 00:57	5°♍57'36	
evening set	-1569 Aug 29 j 13:13	3°♍15'40	
	-1569 Sep 01 j 18:27	30°℞♌	
min. Earth dist.	-1569 Sep 02 j 15:40	28°♌57'25	0.66108 AU
inferior conj	-1569 Sep 04 j 05:26	27°♌02'38	-2°-11'-20
minimum elong	-1569 Sep 04 j 08:37	26°♌52'58	2°10'08
morning rise	-1569 Sep 10 j 05:02	21°♌13'35	
asc. node	-1569 Sep 10 j 21:44	20°♌52'56	
direct	-1569 Sep 13 j 04:19	20°♌23'33	
morning max el	-1569 Sep 19 j 22:16	24°♌08'40	18°41'10
	-1569 Sep 24 j 17:48	0°♍	
morning set	-1569 Oct 10 j 14:47	24°♍34'04	
	-1569 Oct 14 j 00:34	0°♎	
desc. node	-1569 Oct 21 j 15:44	12°♎05'15	
superior conj	-1569 Oct 26 j 14:42	19°♎53'40	0°-31'-43
minimum elong	-1569 Oct 26 j 10:32	19°♎37'17	0°31'11
max. Earth dist.	-1569 Oct 26 j 17:10	20°♎03'26	1.44947 AU
	-1569 Nov 02 j 00:40	0°♏	
evening rise	-1569 Nov 11 j 13:58	15°♏09'49	
	-1569 Nov 20 j 21:20	0°♐	
evening max el	-1569 Dec 03 j 06:59	17°♐18'52	18°57'59
asc. node	-1569 Dec 07 j 20:54	20°♐43'57	
retrograde	-1569 Dec 10 j 03:45	21°♐12'46	
evening set	-1569 Dec 13 j 07:32	20°♐15'15	
inferior conj	-1569 Dec 19 j 01:51	14°♐27'20	3°12'48
minimum elong	-1569 Dec 18 j 22:59	14°♐36'18	3°12'05
min. Earth dist.	-1569 Dec 20 j 15:33	12°♐30'16	0.65504 AU
morning rise	-1569 Dec 24 j 13:28	8°♐17'11	
direct	-1569 Dec 31 j 02:18	5°♐27'58	
morning max el	-1568 Jan 13 j 01:11	13°♐02'21	26°40'42
desc. node	-1568 Jan 17 j 14:58	18°♐02'11	
	-1568 Jan 26 j 18:57	0°♑	
	-1568 Feb 14 j 08:00	0°♒	
morning set	-1568 Feb 17 j 23:07	6°♒44'46	
max. Earth dist.	-1568 Feb 22 j 07:02	15°♒10'36	1.34679 AU
superior conj	-1568 Feb 26 j 14:01	23°♒54'08	-1°-10'-1
minimum elong	-1568 Feb 26 j 17:07	24°♒10'08	1°09'33
	-1568 Feb 29 j 12:14	0°♓	
asc. node	-1568 Mar 04 j 20:14	9°♓04'07	
evening rise	-1568 Mar 05 j 04:28	9°♓46'41	
	-1568 Mar 15 j 23:44	0°♈	
evening max el	-1568 Mar 24 j 13:42	11°♈00'09	21°04'38
retrograde	-1568 Apr 05 j 05:01	16°♈36'39	
evening set	-1568 Apr 07 j 13:17	16°♈23'51	
desc. node	-1568 Apr 14 j 14:04	13°♈40'16	
inferior conj	-1568 Apr 16 j 19:50	12°♈25'33	0°-38'-3
minimum elong	-1568 Apr 16 j 18:02	12°♈28'06	0°37'25
min. Earth dist.	-1568 Apr 17 j 11:52	12°♈02'53	0.55079 AU
morning rise	-1568 Apr 25 j 22:13	8°♈20'15	
direct	-1568 Apr 29 j 03:33	7°♈57'44	
morning max el	-1568 May 12 j 00:47	14°♈08'33	22°31'52
	-1568 May 24 j 02:02	0°♉	
asc. node	-1568 May 31 j 19:36	14°♉24'31	
morning set	-1568 Jun 02 j 23:22	18°♉50'47	
	-1568 Jun 08 j 05:39	0°♊	

superior conj	-1568 Jun 10 j 05:13	4°♊12'44	1°24'39
minimum elong	-1568 Jun 10 j 02:39	3°♊59'13	1°24'21
max. Earth dist.	-1568 Jun 13 j 04:19	10°♊25'20	1.34249 AU
evening rise	-1568 Jun 18 j 02:43	20°♊22'22	
	-1568 Jun 23 j 04:52	0°♋	
desc. node	-1568 Jul 11 j 13:22	29°♋07'37	
	-1568 Jul 12 j 05:02	0°♌	
evening max el	-1568 Jul 22 j 16:54	12°♌09'44	27°10'59
retrograde	-1568 Aug 05 j 01:13	19°♌29'38	
evening set	-1568 Aug 12 j 00:33	16°♌43'53	
min. Earth dist.	-1568 Aug 15 j 19:54	13°♌03'29	0.64922 AU
inferior conj	-1568 Aug 17 j 22:50	10°♌41'12	-3°-2'-17
minimum elong	-1568 Aug 18 j 02:57	10°♌29'39	3°00'59
morning rise	-1568 Aug 24 j 06:52	5°♌06'58	
direct	-1568 Aug 26 j 23:46	4°♌27'59	
asc. node	-1568 Aug 27 j 18:49	4°♌31'21	
morning max el	-1568 Sep 02 j 12:16	7°♌58'41	18°09'20
	-1568 Sep 17 j 10:15	0°♍	
morning set	-1568 Sep 20 j 16:28	5°♍26'14	
superior conj	-1568 Oct 04 j 19:12	28°♍30'02	0°17'43
minimum elong	-1568 Oct 04 j 21:22	28°♍38'38	0°17'25
	-1568 Oct 05 j 17:46	0°♎	
desc. node	-1568 Oct 07 j 12:45	2°♎50'41	
max. Earth dist.	-1568 Oct 08 j 12:00	4°♎22'42	1.44710 AU
evening rise	-1568 Oct 21 j 09:27	24°♎31'56	
	-1568 Oct 24 j 22:14	0°♏	
greatest brilliancy	-1568 Nov 07 j 20:45	21°♏00'49	-0.6m
	-1568 Nov 14 j 20:22	0°♐	
evening max el	-1568 Nov 15 j 13:40	0°♐45'58	19°47'39
retrograde	-1568 Nov 23 j 00:48	5°♐07'13	
asc. node	-1568 Nov 23 j 17:59	5°♐04'16	
evening set	-1568 Nov 26 j 12:18	3°♐56'25	
	-1568 Nov 30 j 11:01	30°℞♏	
inferior conj	-1568 Dec 02 j 01:54	27°♏54'26	2°35'25
minimum elong	-1568 Dec 01 j 23:03	28°♏03'50	2°34'30
min. Earth dist.	-1568 Dec 03 j 01:57	26°♏35'05	0.66527 AU
morning rise	-1568 Dec 07 j 09:09	21°♏40'07	
direct	-1568 Dec 13 j 08:28	19°♏02'54	
morning max el	-1568 Dec 25 j 10:16	26°♏12'25	25°29'51
	-1568 Dec 28 j 22:42	0°♐	
desc. node	-1567 Jan 03 j 12:01	6°♐49'16	
	-1567 Jan 19 j 08:49	0°♑	
morning set	-1567 Jan 30 j 15:46	19°♑16'30	
max. Earth dist.	-1567 Feb 03 j 11:19	26°♑20'32	1.36290 AU
	-1567 Feb 05 j 09:18	0°♒	
superior conj	-1567 Feb 09 j 06:21	7°♒36'26	-1°-32'-22
minimum elong	-1567 Feb 09 j 09:55	7°♒54'16	1°31'58
evening rise	-1567 Feb 17 j 09:30	24°♒05'59	
asc. node	-1567 Feb 19 j 17:18	28°♒45'35	
	-1567 Feb 20 j 08:24	0°♓	
evening max el	-1567 Mar 06 j 23:58	22°♓31'23	19°51'21
retrograde	-1567 Mar 16 j 22:31	27°♓16'23	
evening set	-1567 Mar 19 j 02:59	27°♓03'37	
inferior conj	-1567 Mar 27 j 20:11	23°♓01'58	1°16'36
minimum elong	-1567 Mar 27 j 23:20	22°♓57'05	1°15'33
min. Earth dist.	-1567 Mar 30 j 02:03	21°♓39'03	0.55739 AU
desc. node	-1567 Apr 01 j 11:07	20°♓17'20	
morning rise	-1567 Apr 05 j 16:35	18°♓29'26	
direct	-1567 Apr 09 j 19:57	17°♓51'30	
morning max el	-1567 Apr 23 j 17:15	24°♓47'01	24°12'05
	-1567 Apr 28 j 12:30	0°♈	
	-1567 May 16 j 14:48	0°♉	
morning set	-1567 May 18 j 11:21	3°♉51'05	
asc. node	-1567 May 18 j 16:39	4°♉18'56	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1567 May 25 j 13:18	19°♉04'31	1°06'34
minimum elong	-1567 May 25 j 10:52	18°♉51'26	1°06'12
max. Earth dist.	-1567 May 27 j 08:08	22°♉54'57	1.33277 AU
	-1567 May 30 j 16:39	0°♊	
evening rise	-1567 Jun 01 j 23:11	4°♊39'27	
	-1567 Jun 15 j 21:22	0°♋	
desc. node	-1567 Jun 28 j 10:24	17°♋53'23	
evening max el	-1567 Jul 05 j 03:06	25°♋13'51	27°25'18
	-1567 Jul 11 j 02:15	0°♌	
retrograde	-1567 Jul 18 j 19:42	2°♌34'56	
	-1567 Jul 25 j 22:38	30°℞♋	
evening set	-1567 Jul 26 j 00:15	29°♋57'06	
min. Earth dist.	-1567 Jul 29 j 14:40	26°♋49'59	0.63368 AU
inferior conj	-1567 Aug 01 j 07:09	24°♋07'41	-3°-46'-57
minimum elong	-1567 Aug 01 j 11:29	23°♋56'44	3°45'57
morning rise	-1567 Aug 08 j 00:52	18°♋51'35	
direct	-1567 Aug 10 j 13:44	18°♋20'37	
asc. node	-1567 Aug 14 j 15:52	19°♋41'51	
morning max el	-1567 Aug 17 j 03:44	21°♋45'33	17°55'05
	-1567 Aug 23 j 11:14	0°♌	
morning set	-1567 Sep 02 j 19:01	17°♌29'40	
	-1567 Sep 10 j 00:23	0°♍	
superior conj	-1567 Sep 14 j 21:42	8°♍13'23	0°59'34
minimum elong	-1567 Sep 15 j 02:56	8°♍35'05	0°58'57
max. Earth dist.	-1567 Sep 21 j 04:08	18°♍27'21	1.43773 AU
desc. node	-1567 Sep 24 j 09:48	23°♍36'58	
	-1567 Sep 28 j 11:22	0°♎	
evening rise	-1567 Sep 30 j 15:47	3°♎23'21	
	-1567 Oct 18 j 11:06	0°♏	
greatest brilliancy	-1567 Oct 23 j 22:34	7°♏30'04	-0.5m
evening max el	-1567 Oct 29 j 14:48	14°♏13'11	20°51'18
retrograde	-1567 Nov 06 j 22:18	19°♏08'38	
evening set	-1567 Nov 10 j 19:33	17°♏42'24	
asc. node	-1567 Nov 10 j 15:03	17°♏50'35	
inferior conj	-1567 Nov 16 j 06:09	11°♏29'50	1°51'03
minimum elong	-1567 Nov 16 j 03:51	11°♏37'43	1°50'10
min. Earth dist.	-1567 Nov 16 j 18:14	10°♏48'35	0.67188 AU
morning rise	-1567 Nov 21 j 11:45	5°♏13'41	
direct	-1567 Nov 26 j 19:51	2°♏55'19	
morning max el	-1567 Dec 07 j 18:54	9°♏27'37	24°05'51
desc. node	-1567 Dec 21 j 09:04	26°♏15'49	
	-1567 Dec 24 j 00:23	0°♐	
morning set	-1566 Jan 12 j 10:40	0°♑40'01	
	-1566 Jan 12 j 01:22	0°♑	
max. Earth dist.	-1566 Jan 16 j 07:34	7°♑27'47	1.38254 AU
superior conj	-1566 Jan 23 j 10:42	20°♑38'42	-1°-49'-41
minimum elong	-1566 Jan 23 j 13:45	20°♑53'12	1°49'29
	-1566 Jan 28 j 06:33	0°♒	
evening rise	-1566 Feb 01 j 07:56	7°♒59'31	
asc. node	-1566 Feb 06 j 14:20	18°♒06'15	
	-1566 Feb 13 j 20:58	0°♓	
evening max el	-1566 Feb 17 j 20:44	4°♓39'22	18°57'03
retrograde	-1566 Feb 26 j 06:43	8°♓42'33	
evening set	-1566 Feb 28 j 14:10	8°♓25'29	
inferior conj	-1566 Mar 08 j 13:31	4°♓08'51	2°44'02
minimum elong	-1566 Mar 08 j 18:07	4°♓00'38	2°42'52
min. Earth dist.	-1566 Mar 11 j 18:06	1°♓53'27	0.57194 AU
	-1566 Mar 14 j 19:30	30°℞♒	
morning rise	-1566 Mar 16 j 17:59	29°♒04'12	
desc. node	-1566 Mar 19 j 08:10	28°♒14'38	
direct	-1566 Mar 22 j 01:30	27°♒56'41	
	-1566 Mar 29 j 08:19	0°♓	
morning max el	-1566 Apr 05 j 08:25	5°♓21'31	25°46'03
	-1566 Apr 23 j 05:52	0°♈	
morning set	-1566 May 02 j 23:09	18°♈50'51	

asc. node	-1566 May 05 j 13:40	24°♈23'54	
	-1566 May 08 j 03:32	0°♉	
superior conj	-1566 May 10 j 00:06	4°♉03'37	0°45'14
minimum elong	-1566 May 09 j 22:15	3°♉53'31	0°44'53
max. Earth dist.	-1566 May 10 j 18:12	5°♉42'30	1.32677 AU
evening rise	-1566 May 17 j 02:55	19°♉17'54	
	-1566 May 22 j 12:06	0°♊	
	-1566 Jun 10 j 10:08	0°♋	
desc. node	-1566 Jun 15 j 07:25	5°♋38'32	
evening max el	-1566 Jun 17 j 09:24	7°♋43'47	27°07'45
retrograde	-1566 Jul 01 j 07:34	15°♋03'11	
evening set	-1566 Jul 08 j 08:11	12°♋47'37	
min. Earth dist.	-1566 Jul 11 j 23:21	10°♋02'49	0.61493 AU
inferior conj	-1566 Jul 15 j 03:12	7°♋14'03	-4°-20'-27
minimum elong	-1566 Jul 15 j 06:26	7°♋06'47	4°20'02
morning rise	-1566 Jul 22 j 07:33	2°♋18'46	
direct	-1566 Jul 24 j 18:38	1°♋53'26	
morning max el	-1566 Jul 31 j 17:44	5°♋21'34	17°59'21
asc. node	-1566 Aug 01 j 12:55	6°♋10'30	
	-1566 Aug 16 j 10:34	0°♌	
morning set	-1566 Aug 16 j 16:36	0°♌27'36	
superior conj	-1566 Aug 27 j 03:42	19°♌18'07	1°28'14
minimum elong	-1566 Aug 27 j 08:13	19°♌37'47	1°27'50
	-1566 Sep 02 j 10:08	0°♍	
max. Earth dist.	-1566 Sep 03 j 14:57	1°♍59'41	1.42265 AU
evening rise	-1566 Sep 10 j 03:06	12°♍31'15	
desc. node	-1566 Sep 11 j 06:49	14°♍20'39	
	-1566 Sep 21 j 12:55	0°♎	
greatest brilliancy	-1566 Oct 07 j 16:07	22°♎18'43	-0.3m
evening max el	-1566 Oct 12 j 10:02	27°♎40'49	22°05'35
	-1566 Oct 14 j 21:40	0°♏	
retrograde	-1566 Oct 21 j 18:18	3°♏14'18	
evening set	-1566 Oct 26 j 03:26	1°♏30'38	
	-1566 Oct 27 j 18:03	30°℞♎	
asc. node	-1566 Oct 28 j 12:05	29°♎09'20	
inferior conj	-1566 Oct 31 j 12:37	25°♎11'18	1°01'42
minimum elong	-1566 Oct 31 j 11:14	25°♎16'06	1°01'06
min. Earth dist.	-1566 Oct 31 j 13:55	25°♎06'48	0.67516 AU
morning rise	-1566 Nov 05 j 18:50	18°♎55'52	
direct	-1566 Nov 10 j 11:42	16°♎59'24	
morning max el	-1566 Nov 20 j 05:24	22°♎46'37	22°38'35
greatest brilliancy	-1566 Nov 24 j 21:29	28°♎00'58	-0.3m
	-1566 Nov 26 j 11:58	0°♏	
desc. node	-1566 Dec 08 j 06:07	16°♏10'37	
	-1566 Dec 17 j 09:30	0°♐	
morning set	-1566 Dec 24 j 01:56	10°♐41'12	
max. Earth dist.	-1566 Dec 29 j 03:27	19°♐08'20	1.40360 AU
	-1565 Jan 04 j 08:49	0°♑	
superior conj	-1565 Jan 05 j 22:31	2°♑49'37	-1°-58'-47
minimum elong	-1565 Jan 05 j 23:25	2°♑53'43	1°58'48
evening rise	-1565 Jan 15 j 20:48	21°♑20'16	
	-1565 Jan 20 j 11:56	0°♒	
asc. node	-1565 Jan 24 j 11:22	6°♒59'18	
evening max el	-1565 Feb 01 j 01:43	17°♒18'22	18°22'45
retrograde	-1565 Feb 08 j 09:31	20°♒55'20	
evening set	-1565 Feb 10 j 21:10	20°♒31'31	
inferior conj	-1565 Feb 18 j 03:40	15°♒54'13	3°35'06
minimum elong	-1565 Feb 18 j 06:39	15°♒48'01	3°34'40
min. Earth dist.	-1565 Feb 21 j 13:46	13°♒05'12	0.59137 AU
morning rise	-1565 Feb 25 j 12:35	10°♒24'12	
direct	-1565 Mar 03 j 20:22	8°♒38'29	
desc. node	-1565 Mar 06 j 05:13	8°♒52'58	
morning max el	-1565 Mar 18 j 03:25	16°♒18'15	26°58'42
	-1565 Mar 29 j 08:40	0°♓	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1565 Apr 15 j 13:39	0°♈	
morning set	-1565 Apr 17 j 09:08	3°♈43'58	
asc. node	-1565 Apr 22 j 10:43	14°♈34'46	
superior conj	-1565 Apr 24 j 11:51	19°♈03'45	0°21'29
minimum elong	-1565 Apr 24 j 10:54	18°♈58'34	0°21'17
max. Earth dist.	-1565 Apr 24 j 07:05	18°♈37'41	1.32436 AU
	-1565 Apr 29 j 12:23	0°♉	
evening rise	-1565 May 01 j 11:21	4°♉09'05	
	-1565 May 15 j 08:16	0°♊	
evening max el	-1565 May 30 j 09:49	19°♊31'26	26°17'38
desc. node	-1565 Jun 02 j 04:25	21°♊57'54	
retrograde	-1565 Jun 13 j 11:11	26°♊46'49	
evening set	-1565 Jun 19 j 19:56	25°♊06'06	
min. Earth dist.	-1565 Jun 23 j 22:53	22°♊27'19	0.59449 AU
inferior conj	-1565 Jun 27 j 07:24	19°♊51'26	-4°-35'-2
minimum elong	-1565 Jun 27 j 07:45	19°♊50'45	4°35'01
morning rise	-1565 Jul 04 j 23:06	15°♊18'29	
direct	-1565 Jul 07 j 10:25	14°♊56'58	
morning max el	-1565 Jul 15 j 03:16	18°♊38'47	18°23'12
asc. node	-1565 Jul 19 j 09:58	23°♊42'06	
	-1565 Jul 23 j 11:19	0°♋	
morning set	-1565 Jul 31 j 04:02	14°♋06'38	
	-1565 Aug 08 j 13:20	0°♌	
superior conj	-1565 Aug 09 j 09:52	1°♌34'47	1°43'41
minimum elong	-1565 Aug 09 j 12:05	1°♌45'01	1°43'35
max. Earth dist.	-1565 Aug 16 j 20:27	14°♌50'42	1.40394 AU
evening rise	-1565 Aug 21 j 11:01	22°♌37'40	
	-1565 Aug 26 j 00:01	0°♍	
desc. node	-1565 Aug 29 j 03:48	4°♍57'50	
	-1565 Sep 15 j 13:05	0°♎	
evening max el	-1565 Sep 25 j 00:27	11°♎10'04	23°25'31
retrograde	-1565 Oct 05 j 11:21	17°♎20'47	
evening set	-1565 Oct 10 j 10:15	15°♎18'24	
asc. node	-1565 Oct 15 j 09:08	9°♎31'25	
inferior conj	-1565 Oct 15 j 19:28	8°♎56'00	0°08'55
minimum elong	-1565 Oct 15 j 19:15	8°♎56'44	0°08'49
transit middle	-1565 Oct 15 j 19:15	8°♎56'44	0°08'49
transit begin	-1565 Oct 15 j 16:58	9°♎04'33	
transit end	-1565 Oct 15 j 21:31	8°♎48'56	
min. Earth dist.	-1565 Oct 15 j 10:28	9°♎26'51	0.67536 AU
morning rise	-1565 Oct 21 j 04:18	2°♎44'12	
direct	-1565 Oct 25 j 07:02	1°♎09'42	
morning max el	-1565 Nov 02 j 21:11	6°♎12'15	21°16'16
greatest brilliancy	-1565 Nov 08 j 04:56	12°♎21'29	-0.4m
	-1565 Nov 20 j 20:07	0°♏	
desc. node	-1565 Nov 25 j 03:09	6°♏24'57	
morning set	-1565 Dec 03 j 13:04	19°♏22'55	
	-1565 Dec 10 j 04:20	0°♐	
max. Earth dist.	-1565 Dec 11 j 05:49	1°♐44'07	1.42315 AU
superior conj	-1565 Dec 18 j 12:10	13°♐54'47	-1°-55'-37
minimum elong	-1565 Dec 18 j 09:08	13°♐41'47	1°55'33
	-1565 Dec 27 j 15:19	0°♑	
evening rise	-1565 Dec 29 j 20:24	3°♑59'35	
asc. node	-1564 Jan 11 j 08:24	25°♑15'22	
	-1564 Jan 15 j 04:23	0°♒	
evening max el	-1564 Jan 15 j 11:53	0°♒18'55	18°08'19
retrograde	-1564 Jan 22 j 04:52	3°♒45'20	
evening set	-1564 Jan 24 j 20:18	3°♒13'31	
	-1564 Jan 29 j 15:23	30°℞♑	
inferior conj	-1564 Jan 31 j 12:57	28°♑14'09	3°54'35
minimum elong	-1564 Jan 31 j 13:27	28°♑12'56	3°54'33
min. Earth dist.	-1564 Feb 03 j 15:48	25°♑16'10	0.61208 AU
morning rise	-1564 Feb 07 j 04:02	22°♑26'48	
direct	-1564 Feb 14 j 01:35	20°♑06'20	
desc. node	-1564 Feb 21 j 02:16	22°♑14'58	
morning max el	-1564 Feb 28 j 04:36	27°♑53'00	27°39'03
	-1564 Mar 01 j 05:52	0°♒	
	-1564 Mar 22 j 00:50	0°♓	
morning set	-1564 Mar 31 j 15:24	18°♓23'36	
	-1564 Apr 06 j 03:01	0°♈	
max. Earth dist.	-1564 Apr 06 j 19:08	1°♈27'25	1.32548 AU
superior conj	-1564 Apr 07 j 22:53	3°♈58'37	0°-3'-54
minimum elong	-1564 Apr 07 j 23:04	3°♈59'36	0°03'52
behind sun begin	-1564 Apr 07 j 18:08	3°♈32'40	
behind sun end	-1564 Apr 08 j 04:00	4°♈26'33	
asc. node	-1564 Apr 08 j 07:46	4°♈47'06	
evening rise	-1564 Apr 14 j 22:24	19°♈05'18	
	-1564 Apr 20 j 07:34	0°♉	
	-1564 May 10 j 12:36	0°♊	
evening max el	-1564 May 11 j 03:56	0°♊37'25	25°00'20
desc. node	-1564 May 19 j 01:25	6°♊18'22	
retrograde	-1564 May 25 j 04:11	7°♊44'24	
evening set	-1564 May 30 j 09:04	6°♊42'20	
min. Earth dist.	-1564 Jun 04 j 15:44	3°♊52'39	0.57484 AU
inferior conj	-1564 Jun 07 j 16:32	1°♊50'42	-4°-19'-47
minimum elong	-1564 Jun 07 j 12:40	1°♊57'13	4°19'19
	-1564 Jun 10 j 12:59	30°℞♉	
morning rise	-1564 Jun 15 j 20:11	27°♉39'07	
direct	-1564 Jun 18 j 08:57	27°♉20'22	
	-1564 Jun 25 j 11:35	0°♊	
morning max el	-1564 Jun 27 j 05:28	1°♊28'26	19°07'41
asc. node	-1564 Jul 05 j 07:02	12°♊02'55	
morning set	-1564 Jul 14 j 01:27	28°♊16'56	
	-1564 Jul 14 j 22:16	0°♋	
superior conj	-1564 Jul 22 j 10:35	14°♋48'32	1°48'06
minimum elong	-1564 Jul 22 j 10:36	14°♋48'35	1°48'07
max. Earth dist.	-1564 Jul 28 j 23:22	27°♋03'28	1.38406 AU
	-1564 Jul 30 j 14:36	0°♌	
evening rise	-1564 Aug 01 j 20:32	3°♌57'46	
desc. node	-1564 Aug 15 j 00:48	25°♌24'35	
	-1564 Aug 18 j 02:32	0°♍	
evening max el	-1564 Sep 06 j 12:13	24°♍42'54	24°44'33
	-1564 Sep 13 j 04:15	0°♎	
retrograde	-1564 Sep 18 j 00:31	1°♎25'29	
	-1564 Sep 22 j 09:23	30°℞♍	
evening set	-1564 Sep 23 j 14:20	29°♍04'41	
min. Earth dist.	-1564 Sep 28 j 05:29	23°♍47'52	0.67247 AU
inferior conj	-1564 Sep 29 j 01:01	22°♍42'59	0°-45'-38
minimum elong	-1564 Sep 29 j 02:08	22°♍39'16	0°45'11
asc. node	-1564 Oct 01 j 06:11	19°♍52'22	
morning rise	-1564 Oct 04 j 14:18	16°♍37'44	
direct	-1564 Oct 08 j 04:38	15°♍23'12	
morning max el	-1564 Oct 15 j 20:29	19°♍48'15	20°04'39
greatest brilliancy	-1564 Oct 23 j 00:25	28°♍34'51	-0.6m
	-1564 Oct 24 j 01:01	0°♎	
morning set	-1564 Nov 11 j 10:08	27°♎31'51	
desc. node	-1564 Nov 11 j 00:11	26°♎53'24	
	-1564 Nov 13 j 00:23	0°♏	
max. Earth dist.	-1564 Nov 22 j 16:08	15°♏11'52	1.43841 AU
superior conj	-1564 Nov 27 j 23:06	23°♏44'37	-1°-36'-6
minimum elong	-1564 Nov 27 j 16:00	23°♏15'37	1°35'31
	-1564 Dec 01 j 18:16	0°♐	
evening rise	-1564 Dec 11 j 02:33	15°♐49'53	
	-1564 Dec 19 j 09:49	0°♑	
asc. node	-1564 Dec 28 j 05:26	12°♑43'44	
evening max el	-1564 Dec 29 j 00:17	13°♑33'32	18°13'14
retrograde	-1563 Jan 04 j 12:29	17°♑02'35	
evening set	-1563 Jan 07 j 07:46	16°♑21'56	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1563 Jan 13 j 13:41	11°♑01'43	3°50'39	
minimum elong	-1563 Jan 13 j 12:12	11°♑05'43	3°50'30	
min. Earth dist.	-1563 Jan 16 j 02:58	8°♑16'41	0.63126 AU	
morning rise	-1563 Jan 19 j 14:53	5°♑02'37		
direct	-1563 Jan 26 j 15:15	2°♑19'26		
desc. node	-1563 Feb 06 j 23:21	7°♑48'45		
morning max el	-1563 Feb 09 j 11:16	10°♑08'13	27°42'41	
	-1563 Feb 25 j 01:19	0°♒		
	-1563 Mar 14 j 07:06	0°♓		
morning set	-1563 Mar 15 j 15:41	2°♓41'59		
max. Earth dist.	-1563 Mar 21 j 02:19	13°♓57'39	1.33038 AU	
superior conj	-1563 Mar 23 j 07:32	18°♓42'18	0°-30'00	
minimum elong	-1563 Mar 23 j 08:56	18°♓49'50	0°29'44	
asc. node	-1563 Mar 26 j 04:47	24°♓56'25		
	-1563 Mar 28 j 13:09	0°♈		
evening rise	-1563 Mar 30 j 10:12	3°♈59'31		
	-1563 Apr 13 j 14:52	0°♉		
evening max el	-1563 Apr 22 j 18:55	11°♉17'06	23°27'35	
desc. node	-1563 May 05 j 22:27	18°♉03'15		
retrograde	-1563 May 06 j 08:56	18°♉03'40		
evening set	-1563 May 10 j 04:02	17°♉32'00		
min. Earth dist.	-1563 May 17 j 05:22	14°♉17'41	0.55929 AU	
inferior conj	-1563 May 19 j 05:36	13°♉06'01	-3°-23'-37	
minimum elong	-1563 May 18 j 22:54	13°♉16'01	3°21'59	
morning rise	-1563 May 27 j 21:14	9°♉09'19		
direct	-1563 May 30 j 12:16	8°♉52'17		
morning max el	-1563 Jun 09 j 21:52	13°♉41'06	20°12'56	
	-1563 Jun 21 j 14:44	0°♊		
asc. node	-1563 Jun 22 j 04:06	1°♊00'34		
morning set	-1563 Jun 28 j 05:42	12°♊49'24		
superior conj	-1563 Jul 06 j 00:39	28°♊43'41	1°43'56	
minimum elong	-1563 Jul 05 j 23:06	28°♊35'52	1°43'52	
	-1563 Jul 06 j 15:50	0°♋		
max. Earth dist.	-1563 Jul 11 j 04:29	8°♋53'09	1.36541 AU	
evening rise	-1563 Jul 15 j 04:45	16°♋24'30		
	-1563 Jul 22 j 23:19	0°♌		
desc. node	-1563 Aug 01 j 21:48	15°♌34'47		
	-1563 Aug 12 j 12:50	0°♍		
evening max el	-1563 Aug 19 j 23:20	8°♍17'21	25°55'15	
retrograde	-1563 Sep 01 j 09:11	15°♍22'51		
evening set	-1563 Sep 07 j 13:47	12°♍46'41		
min. Earth dist.	-1563 Sep 11 j 20:36	8°♍06'49	0.66626 AU	
inferior conj	-1563 Sep 13 j 03:29	6°♍29'19	-1°-40'-25	
minimum elong	-1563 Sep 13 j 05:56	6°♍21'32	1°39'27	
asc. node	-1563 Sep 18 j 03:16	1°♍07'02		
morning rise	-1563 Sep 18 j 22:54	0°♍33'39		
	-1563 Sep 20 j 01:45	30°℞♌		
direct	-1563 Sep 22 j 02:56	29°♌35'51		
	-1563 Sep 24 j 05:25	0°♍		
morning max el	-1563 Sep 29 j 03:02	3°♍32'56	19°07'06	
	-1563 Oct 17 j 17:01	0°♎		
morning set	-1563 Oct 21 j 17:22	6°♎17'26		
desc. node	-1563 Oct 28 j 21:14	17°♎31'06		
max. Earth dist.	-1563 Nov 05 j 07:52	29°♎12'56	1.44742 AU	
	-1563 Nov 05 j 19:47	0°♏		
superior conj	-1563 Nov 07 j 09:07	2°♏27'26	0°-58'-57	
minimum elong	-1563 Nov 07 j 02:07	1°♏59'47	0°58'09	
evening rise	-1563 Nov 22 j 10:52	26°♏42'49		
	-1563 Nov 24 j 10:59	0°♐		
evening max el	-1563 Dec 12 j 12:16	26°♐56'01	18°36'40	
asc. node	-1563 Dec 15 j 02:29	29°♐10'50		
	-1563 Dec 16 j 12:07	0°♑		
retrograde	-1563 Dec 19 j 03:58	0°♑38'34		
	-1563 Dec 21 j 18:47	30°℞♐		
evening set	-1563 Dec 22 j 04:07	29°♐47'49		
inferior conj	-1563 Dec 28 j 02:00	24°♐09'12	3°30'12	
minimum elong	-1563 Dec 27 j 23:24	24°♐16'57	3°29'41	
min. Earth dist.	-1563 Dec 30 j 00:11	21°♐51'57	0.64733 AU	
morning rise	-1562 Jan 02 j 17:28	18°♐02'05		
direct	-1562 Jan 09 j 12:09	15°♐10'58		
morning max el	-1562 Jan 22 j 20:45	22°♐54'40	27°11'47	
desc. node	-1562 Jan 24 j 20:27	24°♐58'40		
	-1562 Jan 29 j 04:27	0°♑		
	-1562 Feb 18 j 07:16	0°♒		
morning set	-1562 Feb 27 j 07:04	16°♒29'40		
max. Earth dist.	-1562 Mar 04 j 00:41	25°♒56'36	1.33944 AU	
	-1562 Mar 05 j 23:49	0°♓		
superior conj	-1562 Mar 07 j 11:49	3°♓08'30	0°-55'-49	
minimum elong	-1562 Mar 07 j 14:23	3°♓21'57	0°55'22	
asc. node	-1562 Mar 13 j 01:50	14°♓58'55		
evening rise	-1562 Mar 14 j 20:56	18°♓45'30		
	-1562 Mar 20 j 11:28	0°♈		
evening max el	-1562 Apr 04 j 13:37	22°♈00'15	21°54'05	
retrograde	-1562 Apr 17 j 02:34	28°♈06'56		
evening set	-1562 Apr 19 j 18:45	27°♈50'58		
desc. node	-1562 Apr 22 j 19:30	26°♈57'33		
inferior conj	-1562 Apr 29 j 03:46	23°♈46'22	-1°-45'-56	
minimum elong	-1562 Apr 28 j 22:58	23°♈53'07	1°44'19	
min. Earth dist.	-1562 Apr 28 j 18:46	23°♈59'01	0.55119 AU	
morning rise	-1562 May 08 j 04:23	19°♈49'24		
direct	-1562 May 11 j 01:34	19°♈30'56		
morning max el	-1562 May 23 j 03:22	25°♈11'56	21°36'58	
	-1562 May 27 j 13:12	0°♉		
asc. node	-1562 Jun 09 j 01:10	20°♉25'57		
morning set	-1562 Jun 12 j 14:27	27°♉37'14		
	-1562 Jun 13 j 17:55	0°♊		
superior conj	-1562 Jun 20 j 00:00	13°♊08'06	1°33'11	
minimum elong	-1562 Jun 19 j 21:38	12°♊55'42	1°32'59	
max. Earth dist.	-1562 Jun 23 j 17:15	20°♊46'21	1.34979 AU	
evening rise	-1562 Jun 28 j 06:40	29°♊44'47		
	-1562 Jun 28 j 09:51	0°♋		
	-1562 Jul 16 j 01:59	0°♌		
desc. node	-1562 Jul 19 j 18:48	5°♌20'51		
evening max el	-1562 Aug 02 j 10:55	21°♌48'35	26°49'48	
retrograde	-1562 Aug 15 j 12:54	29°♌06'23		
evening set	-1562 Aug 22 j 06:21	26°♌21'23		
min. Earth dist.	-1562 Aug 26 j 05:31	22°♌19'30	0.65650 AU	
inferior conj	-1562 Aug 28 j 00:51	20°♌12'04	-2°-33'-29	
minimum elong	-1562 Aug 28 j 04:29	20°♌01'21	2°32'13	
morning rise	-1562 Sep 03 j 03:54	14°♌29'02		
asc. node	-1562 Sep 05 j 00:22	13°♌49'42		
direct	-1562 Sep 06 j 00:03	13°♌44'17		
morning max el	-1562 Sep 12 j 15:02	17°♌22'29	18°25'28	
	-1562 Sep 21 j 22:56	0°♍		
morning set	-1562 Oct 02 j 02:42	16°♍21'33		
	-1562 Oct 10 j 13:45	0°♎		
desc. node	-1562 Oct 15 j 18:14	8°♎14'28		
superior conj	-1562 Oct 17 j 09:06	10°♎47'55	0°-10'-29	
minimum elong	-1562 Oct 17 j 07:43	10°♎42'28	0°10'19	
behind sun begin	-1562 Oct 16 j 22:55	10°♎07'44		
behind sun end	-1562 Oct 17 j 16:31	11°♎17'11		
max. Earth dist.	-1562 Oct 19 j 01:59	13°♎28'59	1.44930 AU	
	-1562 Oct 29 j 14:27	0°♏		
evening rise	-1562 Nov 02 j 18:56	6°♏34'50		
greatest brilliancy	-1562 Nov 16 j 00:52	27°♏13'39	-0.7m	
	-1562 Nov 17 j 21:33	0°♐		
evening max el	-1562 Nov 25 j 21:26	10°♐22'01	19°17'20	
asc. node	-1562 Dec 01 j 23:33	14°♐21'12		

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retrograde	-1562 Dec 02 j 23:44	14°♐26'54	
evening set	-1562 Dec 06 j 06:27	13°♐24'12	
inferior conj	-1562 Dec 11 j 22:32	7°♐30'04	2°57'58
minimum elong	-1562 Dec 11 j 19:36	7°♐39'28	2°57'08
min. Earth dist.	-1562 Dec 13 j 06:19	5°♐48'27	0.65976 AU
morning rise	-1562 Dec 17 j 07:54	1°♐17'39	
	-1562 Dec 19 j 00:16	30°℞♏	
direct	-1562 Dec 23 j 15:21	28°♏32'07	
	-1562 Dec 28 j 17:58	0°♐	
morning max el	-1561 Jan 05 j 06:14	5°♐58'31	26°12'51
desc. node	-1561 Jan 11 j 17:30	13°♐16'02	
	-1561 Jan 23 j 20:21	0°♑	
morning set	-1561 Feb 10 j 09:26	29°♑33'00	
	-1561 Feb 10 j 15:13	0°♒	
max. Earth dist.	-1561 Feb 14 j 11:07	7°♒18'51	1.35302 AU
superior conj	-1561 Feb 19 j 09:19	17°♒08'55	-1°-19'-58
minimum elong	-1561 Feb 19 j 12:42	17°♒26'11	1°19'29
	-1561 Feb 25 j 14:38	0°♓	
evening rise	-1561 Feb 27 j 04:36	3°♓15'45	
asc. node	-1561 Feb 27 j 22:52	4°♓49'10	
	-1561 Mar 14 j 19:02	0°♈	
evening max el	-1561 Mar 17 j 17:39	3°♈10'42	20°31'25
retrograde	-1561 Mar 28 j 15:58	8°♈24'35	
evening set	-1561 Mar 30 j 21:05	8°♈12'37	
inferior conj	-1561 Apr 08 j 23:06	4°♈15'11	0°12'21
minimum elong	-1561 Apr 08 j 23:40	4°♈14'22	0°12'10
transit middle	-1561 Apr 08 j 23:40	4°♈14'22	0°12'10
transit begin	-1561 Apr 08 j 21:04	4°♈18'09	
transit end	-1561 Apr 09 j 02:16	4°♈10'34	
desc. node	-1561 Apr 09 j 16:35	3°♈49'44	
min. Earth dist.	-1561 Apr 10 j 08:45	3°♈26'18	0.55247 AU
	-1561 Apr 17 j 23:21	30°℞♓	
morning rise	-1561 Apr 18 j 00:19	29°♓59'23	
direct	-1561 Apr 21 j 13:46	29°♓31'48	
	-1561 Apr 25 j 02:41	0°♈	
morning max el	-1561 May 04 j 23:13	6°♈04'01	23°14'08
	-1561 May 21 j 18:20	0°♉	
asc. node	-1561 May 26 j 22:13	10°♉11'08	
morning set	-1561 May 28 j 01:43	12°♉34'05	
superior conj	-1561 Jun 04 j 05:34	27°♉51'42	1°17'27
minimum elong	-1561 Jun 04 j 03:00	27°♉38'01	1°17'06
	-1561 Jun 05 j 05:38	0°♊	
max. Earth dist.	-1561 Jun 06 j 15:54	3°♊01'13	1.33793 AU
evening rise	-1561 Jun 11 j 21:29	13°♊44'28	
	-1561 Jun 20 j 14:26	0°♋	
desc. node	-1561 Jul 06 j 15:50	24°♋32'31	
	-1561 Jul 11 j 02:26	0°♌	
evening max el	-1561 Jul 15 j 22:21	5°♌06'50	27°20'47
retrograde	-1561 Jul 29 j 10:58	12°♌28'00	
evening set	-1561 Aug 05 j 13:12	9°♌44'13	
min. Earth dist.	-1561 Aug 09 j 06:07	6°♌18'32	0.64303 AU
inferior conj	-1561 Aug 11 j 14:46	3°♌46'35	-3°-22'-16
minimum elong	-1561 Aug 11 j 19:06	3°♌34'57	3°21'03
	-1561 Aug 15 j 11:34	30°℞♋	
morning rise	-1561 Aug 18 j 02:46	28°♋19'27	
direct	-1561 Aug 20 j 17:35	27°♋44'16	
asc. node	-1561 Aug 22 j 21:26	28°♋08'22	
	-1561 Aug 25 j 22:44	0°♌	
morning max el	-1561 Aug 27 j 05:59	1°♌11'50	18°00'59
morning set	-1561 Sep 13 j 15:42	27°♌46'22	
	-1561 Sep 14 j 23:10	0°♍	
superior conj	-1561 Sep 26 j 21:25	19°♍48'40	0°36'53
minimum elong	-1561 Sep 27 j 01:26	20°♍04'57	0°36'22
max. Earth dist.	-1561 Oct 01 j 19:45	27°♍43'18	1.44392 AU
desc. node	-1561 Oct 02 j 15:15	29°♍00'40	
	-1561 Oct 03 j 06:14	0°♎	
evening rise	-1561 Oct 13 j 06:59	15°♎39'15	
	-1561 Oct 22 j 16:18	0°♏	
greatest brilliancy	-1561 Nov 02 j 09:48	15°♏38'38	-0.6m
evening max el	-1561 Nov 09 j 01:59	23°♏49'41	20°13'16
retrograde	-1561 Nov 16 j 21:06	28°♏24'31	
asc. node	-1561 Nov 18 j 20:36	28°♏01'59	
evening set	-1561 Nov 20 j 12:28	27°♏07'30	
inferior conj	-1561 Nov 26 j 00:37	21°♏00'53	2°17'19
minimum elong	-1561 Nov 25 j 21:57	21°♏09'51	2°16'23
min. Earth dist.	-1561 Nov 26 j 19:29	19°♏57'36	0.66853 AU
morning rise	-1561 Dec 01 j 06:53	14°♏45'35	
direct	-1561 Dec 06 j 23:58	12°♏15'28	
morning max el	-1561 Dec 18 j 14:41	19°♏10'15	24°55'05
	-1561 Dec 27 j 19:52	0°♐	
desc. node	-1561 Dec 29 j 14:33	2°♐21'26	
	-1560 Jan 16 j 23:05	0°♑	
morning set	-1560 Jan 23 j 17:32	11°♑37'03	
max. Earth dist.	-1560 Jan 27 j 10:47	18°♑21'12	1.37092 AU
superior conj	-1560 Feb 02 j 21:01	0°♒35'09	-1°-40'-30
minimum elong	-1560 Feb 03 j 00:31	0°♒52'20	1°40'10
	-1560 Feb 02 j 13:49	0°♒	
evening rise	-1560 Feb 11 j 07:06	17°♒24'13	
asc. node	-1560 Feb 14 j 19:54	24°♒22'03	
	-1560 Feb 17 j 20:11	0°♓	
evening max el	-1560 Feb 28 j 08:36	14°♓57'35	19°25'53
retrograde	-1560 Mar 08 j 14:14	19°♓22'31	
evening set	-1560 Mar 10 j 19:48	19°♓08'12	
inferior conj	-1560 Mar 19 j 05:34	15°♓01'23	1°58'00
minimum elong	-1560 Mar 19 j 09:49	14°♓54'25	1°56'42
min. Earth dist.	-1560 Mar 21 j 23:23	13°♓14'34	0.56282 AU
desc. node	-1560 Mar 26 j 13:38	10°♓44'43	
morning rise	-1560 Mar 27 j 20:07	10°♓15'14	
direct	-1560 Apr 01 j 11:38	9°♓26'09	
morning max el	-1560 Apr 15 j 14:03	16°♓35'41	24°53'39
	-1560 Apr 26 j 10:31	0°♈	
morning set	-1560 May 11 j 13:47	27°♈34'16	
asc. node	-1560 May 12 j 19:14	0°♉10'09	
	-1560 May 12 j 17:20	0°♉	
superior conj	-1560 May 18 j 14:59	12°♉46'45	0°57'52
minimum elong	-1560 May 18 j 12:45	12°♉34'39	0°57'29
max. Earth dist.	-1560 May 19 j 22:52	15°♉39'37	1.32984 AU
evening rise	-1560 May 25 j 21:23	28°♉11'32	
	-1560 May 26 j 18:45	0°♊	
	-1560 Jun 12 j 20:14	0°♋	
desc. node	-1560 Jun 22 j 12:51	12°♋54'52	
evening max el	-1560 Jun 27 j 07:27	17°♋58'25	27°21'57
retrograde	-1560 Jul 11 j 02:34	25°♋18'07	
evening set	-1560 Jul 18 j 06:42	22°♋48'22	
min. Earth dist.	-1560 Jul 21 j 20:39	19°♋52'15	0.62606 AU
inferior conj	-1560 Jul 24 j 18:18	17°♋05'32	-4°-2'-57
minimum elong	-1560 Jul 24 j 22:22	16°♋55'45	4°02'10
morning rise	-1560 Jul 31 j 16:24	11°♋57'40	
direct	-1560 Aug 03 j 04:20	11°♋29'15	
asc. node	-1560 Aug 08 j 18:28	13°♋53'34	
morning max el	-1560 Aug 09 j 21:06	14°♋54'20	17°54'31
	-1560 Aug 20 j 07:54	0°♌	
morning set	-1560 Aug 26 j 03:06	10°♌15'03	
superior conj	-1560 Sep 06 j 11:35	0°♍06'12	1°13'26
minimum elong	-1560 Sep 06 j 16:51	0°♍28'30	1°12'52
	-1560 Sep 06 j 10:07	0°♍	
max. Earth dist.	-1560 Sep 13 j 10:19	11°♍37'40	1.43197 AU
desc. node	-1560 Sep 18 j 12:15	19°♍45'58	

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evening rise	-1560 Sep 21 j 13:07	24°♍31'44	
	-1560 Sep 25 j 02:08	0°♎	
	-1560 Oct 15 j 20:16	0°♏	
greatest brilliancy	-1560 Oct 16 j 21:33	1°♏20'56	-0.4m
evening max el	-1560 Oct 22 j 00:39	7°♏17'05	21°21'51
retrograde	-1560 Oct 30 j 18:02	12°♏27'51	
evening set	-1560 Nov 03 j 20:11	10°♏54'17	
asc. node	-1560 Nov 04 j 17:39	10°♏08'35	
inferior conj	-1560 Nov 09 j 06:01	4°♏38'30	1°30'35
minimum elong	-1560 Nov 09 j 04:04	4°♏45'14	1°29'49
min. Earth dist.	-1560 Nov 09 j 13:22	4°♏13'13	0.67376 AU
	-1560 Nov 12 j 20:27	30°℞♎	
morning rise	-1560 Nov 14 j 11:38	28°♎22'36	
direct	-1560 Nov 19 j 13:16	26°♎13'25	
	-1560 Nov 27 j 09:06	0°♏	
morning max el	-1560 Nov 29 j 23:37	2°♏26'10	23°28'33
greatest brilliancy	-1560 Dec 05 j 20:48	9°♏06'35	-0.2m
desc. node	-1560 Dec 15 j 11:35	22°♏00'44	
	-1560 Dec 20 j 22:36	0°♐	
morning set	-1559 Jan 04 j 01:08	22°♐25'37	
	-1559 Jan 08 j 10:52	0°♑	
max. Earth dist.	-1559 Jan 08 j 06:13	29°♐39'38	1.39155 AU
superior conj	-1559 Jan 15 j 18:55	13°♑16'36	-1°-54'-45
minimum elong	-1559 Jan 15 j 21:16	13°♑27'38	1°54'42
	-1559 Jan 24 j 12:33	0°♒	
evening rise	-1559 Jan 25 j 01:48	1°♒04'12	
asc. node	-1559 Jan 31 j 16:56	13°♒31'30	
evening max el	-1559 Feb 10 j 09:07	27°♒18'52	18°39'58
	-1559 Feb 13 j 22:41	0°♓	
retrograde	-1559 Feb 18 j 06:27	1°♓09'02	
evening set	-1559 Feb 20 j 15:47	0°♓49'12	
	-1559 Feb 22 j 19:39	30°℞♒	
inferior conj	-1559 Feb 28 j 07:36	26°♒23'45	3°10'04
minimum elong	-1559 Feb 28 j 11:45	26°♒15'50	3°09'12
min. Earth dist.	-1559 Mar 03 j 16:18	23°♒51'32	0.57980 AU
morning rise	-1559 Mar 08 j 03:50	21°♒07'28	
desc. node	-1559 Mar 13 j 10:41	19°♒45'01	
direct	-1559 Mar 13 j 22:36	19°♒44'24	
morning max el	-1559 Mar 28 j 06:19	27°♒16'11	26°20'33
	-1559 Mar 30 j 21:35	0°♓	
	-1559 Apr 19 j 18:33	0°♈	
morning set	-1559 Apr 26 j 01:04	12°♈32'10	
asc. node	-1559 Apr 29 j 16:16	20°♈18'09	
superior conj	-1559 May 03 j 02:23	27°♈46'57	0°35'25
minimum elong	-1559 May 03 j 00:53	27°♈38'43	0°35'07
max. Earth dist.	-1559 May 03 j 10:50	28°♈33'10	1.32530 AU
	-1559 May 04 j 02:41	0°♉	
evening rise	-1559 May 10 j 03:24	12°♉56'28	
	-1559 May 18 j 21:48	0°♊	
desc. node	-1559 Jun 09 j 09:51	0°♋07'29	
	-1559 Jun 09 j 06:44	0°♋	
evening max el	-1559 Jun 09 j 11:29	0°♋11'23	26°50'15
retrograde	-1559 Jun 23 j 10:53	7°♋28'52	
evening set	-1559 Jun 30 j 06:36	5°♋26'42	
min. Earth dist.	-1559 Jul 04 j 01:01	2°♋46'59	0.60639 AU
inferior conj	-1559 Jul 07 j 08:06	0°♋01'07	-4°-29'-33
minimum elong	-1559 Jul 07 j 10:21	29°♊56'22	4°29'21
	-1559 Jul 07 j 08:38	30°℞♊	
morning rise	-1559 Jul 14 j 17:13	25°♊15'20	
direct	-1559 Jul 17 j 04:20	24°♊51'41	
morning max el	-1559 Jul 24 j 09:36	28°♊23'47	18°07'03
	-1559 Jul 25 j 22:11	0°♋	
asc. node	-1559 Jul 26 j 15:31	0°♋51'02	
morning set	-1559 Aug 09 j 07:10	23°♋32'19	
	-1559 Aug 12 j 18:19	0°♌	
superior conj	-1559 Aug 19 j 04:37	11°♌43'56	1°36'17
minimum elong	-1559 Aug 19 j 08:13	12°♌00'01	1°36'02
max. Earth dist.	-1559 Aug 26 j 19:17	24°♌55'10	1.41507 AU
	-1559 Aug 29 j 20:42	0°♍	
evening rise	-1559 Sep 01 j 07:57	4°♍00'55	
desc. node	-1559 Sep 05 j 09:15	10°♍27'13	
	-1559 Sep 18 j 10:31	0°♎	
greatest brilliancy	-1559 Sep 29 j 21:11	15°♎18'30	-0.3m
evening max el	-1559 Oct 04 j 17:34	20°♎44'42	22°39'06
retrograde	-1559 Oct 14 j 12:58	26°♎34'22	
evening set	-1559 Oct 19 j 03:51	24°♎42'32	
asc. node	-1559 Oct 22 j 14:42	20°♎57'38	
inferior conj	-1559 Oct 24 j 12:52	18°♎21'16	0°39'35
minimum elong	-1559 Oct 24 j 11:57	18°♎24'25	0°39'12
min. Earth dist.	-1559 Oct 24 j 09:40	18°♎32'19	0.67569 AU
morning rise	-1559 Oct 29 j 19:59	12°♎07'11	
direct	-1559 Nov 03 j 06:36	10°♎20'28	
morning max el	-1559 Nov 12 j 12:11	15°♎48'02	22°02'31
greatest brilliancy	-1559 Nov 17 j 06:15	21°♎10'27	-0.4m
	-1559 Nov 23 j 23:16	0°♏	
desc. node	-1559 Dec 02 j 08:37	12°♏04'19	
	-1559 Dec 14 j 00:14	0°♐	
morning set	-1559 Dec 15 j 03:50	1°♐50'23	
max. Earth dist.	-1559 Dec 21 j 04:42	11°♐43'47	1.41229 AU
superior conj	-1559 Dec 28 j 21:56	25°♐00'30	-1°-59'-11
minimum elong	-1559 Dec 28 j 21:21	24°♐57'55	1°59'14
	-1559 Dec 31 j 16:59	0°♑	
evening rise	-1558 Jan 08 j 09:32	14°♑08'15	
	-1558 Jan 17 j 05:45	0°♒	
asc. node	-1558 Jan 18 j 13:58	2°♒09'45	
evening max el	-1558 Jan 24 j 16:35	10°♒07'15	18°14'10
retrograde	-1558 Jan 31 j 16:57	13°♒38'24	
evening set	-1558 Feb 03 j 06:06	13°♒11'24	
inferior conj	-1558 Feb 10 j 06:18	8°♒24'33	3°46'46
minimum elong	-1558 Feb 10 j 08:13	8°♒20'17	3°46'35
min. Earth dist.	-1558 Feb 13 j 14:23	5°♒28'37	0.60013 AU
morning rise	-1558 Feb 17 j 07:09	2°♒45'55	
direct	-1558 Feb 23 j 21:57	0°♒44'31	
desc. node	-1558 Feb 28 j 07:45	1°♒35'05	
morning max el	-1558 Mar 10 j 04:07	8°♒28'29	27°20'27
	-1558 Mar 26 j 13:56	0°♓	
morning set	-1558 Apr 10 j 09:42	27°♓20'17	
	-1558 Apr 11 j 16:16	0°♈	
asc. node	-1558 Apr 16 j 13:18	10°♈29'49	
max. Earth dist.	-1558 Apr 16 j 23:48	11°♈27'18	1.32431 AU
superior conj	-1558 Apr 17 j 14:02	12°♈45'10	0°10'53
minimum elong	-1558 Apr 17 j 13:32	12°♈42'29	0°10'46
behind sun begin	-1558 Apr 17 j 09:50	12°♈22'14	
behind sun end	-1558 Apr 17 j 17:14	13°♈02'45	
evening rise	-1558 Apr 24 j 13:10	27°♈50'02	
	-1558 Apr 25 j 14:01	0°♉	
	-1558 May 12 j 14:40	0°♊	
evening max el	-1558 May 22 j 08:47	11°♊39'06	25°47'31
desc. node	-1558 May 27 j 06:53	15°♊40'37	
retrograde	-1558 Jun 05 j 10:28	18°♊52'43	
evening set	-1558 Jun 11 j 08:48	17°♊28'18	
min. Earth dist.	-1558 Jun 15 j 21:09	14°♊46'59	0.58582 AU
inferior conj	-1558 Jun 19 j 04:27	12°♊22'42	-4°-32'-57
minimum elong	-1558 Jun 19 j 03:05	12°♊25'13	4°32'53
morning rise	-1558 Jun 27 j 01:14	7°♊59'38	
direct	-1558 Jun 29 j 13:00	7°♊39'30	
morning max el	-1558 Jul 07 j 16:27	11°♊30'35	18°39'38
asc. node	-1558 Jul 13 j 12:34	18°♊44'51	
	-1558 Jul 20 j 02:05	0°♋	
morning set	-1558 Jul 23 j 23:16	7°♋25'24	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1558 Aug 01 j 19:25	24°♋27'01	1°46'45
minimum elong	-1558 Aug 01 j 20:39	24°♋32'47	1°46'43
	-1558 Aug 04 j 19:11	0°♌	
max. Earth dist.	-1558 Aug 08 j 22:46	7°♌27'03	1.39546 AU
evening rise	-1558 Aug 13 j 02:43	14°♌38'08	
	-1558 Aug 22 j 14:36	0°♍	
desc. node	-1558 Aug 23 j 06:15	1°♍00'24	
	-1558 Sep 13 j 08:01	0°♎	
evening max el	-1558 Sep 17 j 06:24	4°♎14'47	23°59'35
retrograde	-1558 Sep 28 j 04:40	10°♎40'44	
evening set	-1558 Oct 03 j 09:47	8°♎30'17	
min. Earth dist.	-1558 Oct 08 j 05:58	2°♎53'04	0.67450 AU
inferior conj	-1558 Oct 08 j 19:25	2°♎07'24	0°-14'-5
minimum elong	-1558 Oct 08 j 19:45	2°♎06'16	0°13'57
transit middle	-1558 Oct 08 j 19:45	2°♎06'16	0°13'57
transit begin	-1558 Oct 08 j 18:21	2°♎11'02	
transit end	-1558 Oct 08 j 21:10	2°♎01'29	
asc. node	-1558 Oct 09 j 11:45	1°♎12'11	
	-1558 Oct 10 j 09:40	30°℞♍	
morning rise	-1558 Oct 14 j 05:56	25°♍57'55	
direct	-1558 Oct 18 j 03:02	24°♍32'27	
morning max el	-1558 Oct 26 j 07:09	29°♍18'26	20°44'10
	-1558 Oct 26 j 23:10	0°♎	
greatest brilliancy	-1558 Nov 01 j 06:47	6°♎22'40	-0.5m
	-1558 Nov 17 j 15:31	0°♏	
desc. node	-1558 Nov 19 j 05:39	2°♏25'10	
morning set	-1558 Nov 24 j 06:25	10°♏10'35	
max. Earth dist.	-1558 Dec 03 j 10:07	24°♏41'35	1.43026 AU
	-1558 Dec 06 j 16:08	0°♐	
superior conj	-1558 Dec 10 j 00:37	5°♐34'22	-1°-49'-32
minimum elong	-1558 Dec 09 j 19:39	5°♐13'35	1°49'16
evening rise	-1558 Dec 22 j 02:19	26°♐28'03	
	-1558 Dec 24 j 02:10	0°♑	
asc. node	-1557 Jan 05 j 11:01	20°♑07'21	
evening max el	-1557 Jan 08 j 04:05	23°♑14'59	18°08'07
retrograde	-1557 Jan 14 j 18:04	26°♑41'09	
evening set	-1557 Jan 17 j 10:58	26°♑05'51	
inferior conj	-1557 Jan 23 j 22:43	20°♑57'40	3°55'19
minimum elong	-1557 Jan 23 j 22:17	20°♑58'46	3°55'17
min. Earth dist.	-1557 Jan 26 j 20:23	18°♑02'29	0.62052 AU
morning rise	-1557 Jan 30 j 07:21	15°♑04'35	
direct	-1557 Feb 06 j 07:21	12°♑32'19	
desc. node	-1557 Feb 15 j 04:50	15°♑57'46	
morning max el	-1557 Feb 20 j 07:57	20°♑21'28	27°45'02
	-1557 Feb 28 j 15:48	0°♒	
	-1557 Mar 19 j 11:51	0°♓	
morning set	-1557 Mar 25 j 13:44	11°♓51'47	
max. Earth dist.	-1557 Mar 31 j 10:04	24°♓09'12	1.32703 AU
superior conj	-1557 Apr 02 j 00:16	27°♓35'56	0°-14'-56
minimum elong	-1557 Apr 02 j 00:58	27°♓39'42	0°14'48
behind sun begin	-1557 Apr 01 j 23:08	27°♓29'42	
behind sun end	-1557 Apr 02 j 02:48	27°♓49'41	
asc. node	-1557 Apr 03 j 10:21	0°♈41'16	
	-1557 Apr 03 j 02:46	0°♈	
evening rise	-1557 Apr 09 j 00:44	12°♈45'45	
	-1557 Apr 17 j 19:30	0°♉	
evening max el	-1557 May 04 j 00:52	22°♉30'24	24°21'56
desc. node	-1557 May 14 j 03:57	28°♉58'19	
retrograde	-1557 May 17 j 22:48	29°♉31'10	
evening set	-1557 May 22 j 13:01	28°♉43'54	
min. Earth dist.	-1557 May 28 j 12:30	25°♉44'52	0.56745 AU
inferior conj	-1557 May 31 j 04:51	24°♉02'44	-4°-1'-25
minimum elong	-1557 May 30 j 23:23	24°♉11'28	4°00'28
morning rise	-1557 Jun 08 j 13:40	19°♉58'35	
direct	-1557 Jun 11 j 03:01	19°♉40'51	
morning max el	-1557 Jun 20 j 14:44	24°♉05'05	19°32'59
	-1557 Jun 25 j 16:41	0°♊	
asc. node	-1557 Jun 30 j 09:38	7°♊22'05	
morning set	-1557 Jul 07 j 23:53	21°♊45'16	
	-1557 Jul 12 j 02:10	0°♋	
superior conj	-1557 Jul 16 j 02:20	7°♋59'23	1°47'14
minimum elong	-1557 Jul 16 j 01:35	7°♋55'43	1°47'15
max. Earth dist.	-1557 Jul 22 j 01:26	19°♋24'47	1.37583 AU
evening rise	-1557 Jul 25 j 22:26	26°♋27'46	
	-1557 Jul 27 j 22:39	0°♌	
desc. node	-1557 Aug 10 j 03:16	21°♌20'37	
	-1557 Aug 16 j 02:46	0°♍	
evening max el	-1557 Aug 30 j 17:44	17°♍48'47	25°16'12
retrograde	-1557 Sep 11 j 16:06	24°♍42'40	
evening set	-1557 Sep 17 j 12:09	22°♍15'02	
min. Earth dist.	-1557 Sep 21 j 23:45	17°♍13'25	0.67020 AU
inferior conj	-1557 Sep 22 j 23:54	15°♍54'36	-1°-8'-57
minimum elong	-1557 Sep 23 j 01:36	15°♍49'05	1°08'15
asc. node	-1557 Sep 26 j 08:50	11°♍50'02	
morning rise	-1557 Sep 28 j 15:35	9°♍52'45	
direct	-1557 Oct 02 j 01:14	8°♍45'43	
morning max el	-1557 Oct 09 j 09:36	12°♍57'59	19°38'12
greatest brilliancy	-1557 Oct 17 j 20:09	23°♍39'41	-0.6m
	-1557 Oct 22 j 03:50	0°♎	
morning set	-1557 Nov 03 j 04:51	18°♎26'36	
desc. node	-1557 Nov 06 j 02:39	22°♎57'42	
	-1557 Nov 10 j 14:47	0°♏	
max. Earth dist.	-1557 Nov 15 j 22:46	8°♏24'32	1.44311 AU
superior conj	-1557 Nov 20 j 00:08	14°♏53'08	-1°-22'-20
minimum elong	-1557 Nov 19 j 16:19	14°♏21'45	1°21'34
	-1557 Nov 29 j 06:15	0°♐	
evening rise	-1557 Dec 03 j 23:38	7°♐54'18	
	-1557 Dec 17 j 12:09	0°♑	
evening max el	-1557 Dec 22 j 16:42	6°♑33'49	18°21'03
asc. node	-1557 Dec 23 j 08:06	7°♑11'27	
retrograde	-1557 Dec 29 j 05:21	10°♑07'01	
evening set	-1556 Jan 01 j 02:36	9°♑22'14	
inferior conj	-1556 Jan 07 j 04:49	3°♑54'06	3°43'37
minimum elong	-1556 Jan 07 j 02:45	3°♑59'56	3°43'19
min. Earth dist.	-1556 Jan 09 j 11:47	1°♑19'28	0.63861 AU
	-1556 Jan 10 j 17:42	30°℞♐	
morning rise	-1556 Jan 13 j 01:25	27°♐51'27	
direct	-1556 Jan 20 j 00:26	25°♐02'51	
	-1556 Jan 30 j 13:53	0°♑	
desc. node	-1556 Feb 02 j 01:53	2°♑15'56	
morning max el	-1556 Feb 02 j 15:55	2°♑50'19	27°33'18
	-1556 Feb 22 j 23:49	0°♒	
morning set	-1556 Mar 08 j 10:35	25°♒57'45	
	-1556 Mar 10 j 10:55	0°♓	
max. Earth dist.	-1556 Mar 13 j 13:43	6°♓25'47	1.33372 AU
superior conj	-1556 Mar 16 j 07:19	12°♓12'43	0°-41'-5
minimum elong	-1556 Mar 16 j 09:13	12°♓22'55	0°40'43
asc. node	-1556 Mar 20 j 07:25	20°♓48'09	
evening rise	-1556 Mar 23 j 12:17	27°♓36'51	
	-1556 Mar 24 j 15:43	0°♈	
	-1556 Apr 11 j 17:34	0°♉	
evening max el	-1556 Apr 14 j 16:45	3°♉08'10	22°47'08
retrograde	-1556 Apr 27 j 21:58	9°♉39'17	
desc. node	-1556 Apr 30 j 00:59	9°♉29'17	
evening set	-1556 May 01 j 03:57	9°♉16'12	
min. Earth dist.	-1556 May 09 j 01:53	5°♉47'48	0.55478 AU
inferior conj	-1556 May 10 j 10:30	5°♉00'59	-2°-46'-34
minimum elong	-1556 May 10 j 03:57	5°♉10'25	2°44'40
morning rise	-1556 May 19 j 06:32	1°♉06'04	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1556 May 21 j 23:33	0°♉48'52	
morning max el	-1556 Jun 02 j 02:21	5°♉59'18	20°46'39
asc. node	-1556 Jun 16 j 06:42	26°♉32'26	
	-1556 Jun 18 j 01:45	0°♊	
morning set	-1556 Jun 21 j 06:19	6°♊24'58	
superior conj	-1556 Jun 28 j 20:44	22°♊07'52	1°40'04
minimum elong	-1556 Jun 28 j 18:45	21°♊57'42	1°39'58
	-1556 Jul 02 j 18:33	0°♋	
max. Earth dist.	-1556 Jul 03 j 09:35	1°♋14'02	1.35832 AU
evening rise	-1556 Jul 07 j 14:49	9°♋19'08	
	-1556 Jul 19 j 13:13	0°♌	
desc. node	-1556 Jul 27 j 00:17	11°♌21'46	
	-1556 Aug 10 j 19:44	0°♍	
evening max el	-1556 Aug 12 j 05:17	1°♍23'54	26°21'01
retrograde	-1556 Aug 24 j 22:34	8°♍35'10	
evening set	-1556 Aug 31 j 08:57	5°♍54'33	
min. Earth dist.	-1556 Sep 04 j 12:33	1°♍30'42	0.66255 AU
	-1556 Sep 05 j 18:07	30°℞♌	
inferior conj	-1556 Sep 06 j 00:29	29°♌40'22	-2°-3'-14
minimum elong	-1556 Sep 06 j 03:29	29°♌31'09	2°02'06
morning rise	-1556 Sep 11 j 22:56	23°♌49'30	
asc. node	-1556 Sep 12 j 05:53	23°♌40'03	
direct	-1556 Sep 14 j 23:26	22°♌57'31	
morning max el	-1556 Sep 21 j 18:41	26°♌45'16	18°47'23
	-1556 Sep 24 j 14:53	0°♍	
morning set	-1556 Oct 12 j 22:22	27°♍44'17	
	-1556 Oct 14 j 08:34	0°♎	
desc. node	-1556 Oct 22 j 23:41	13°♎38'25	
max. Earth dist.	-1556 Oct 28 j 16:23	22°♎36'19	1.44923 AU
superior conj	-1556 Oct 29 j 03:22	23°♎19'32	0°-39'-7
minimum elong	-1556 Oct 28 j 22:19	22°♎59'38	0°38'30
	-1556 Nov 02 j 08:59	0°♏	
evening rise	-1556 Nov 13 j 21:44	18°♏21'39	
	-1556 Nov 21 j 03:34	0°♐	
evening max el	-1556 Dec 05 j 03:49	19°♐58'33	18°51'53
asc. node	-1556 Dec 09 j 05:09	23°♐07'58	
retrograde	-1556 Dec 11 j 23:00	23°♐49'10	
evening set	-1556 Dec 15 j 01:50	22°♐53'24	
inferior conj	-1556 Dec 20 j 21:00	17°♐07'42	3°17'40
minimum elong	-1556 Dec 20 j 18:10	17°♐16'25	3°17'01
min. Earth dist.	-1556 Dec 22 j 12:48	15°♐05'20	0.65320 AU
morning rise	-1556 Dec 26 j 09:30	10°♐58'16	
direct	-1555 Jan 01 j 23:58	8°♐08'18	
morning max el	-1555 Jan 15 j 01:33	15°♐45'14	26°49'32
desc. node	-1555 Jan 18 j 22:57	19°♐57'11	
	-1555 Jan 26 j 20:37	0°♑	
	-1555 Feb 14 j 18:20	0°♒	
morning set	-1555 Feb 19 j 20:57	9°♒27'43	
max. Earth dist.	-1555 Feb 24 j 07:20	18°♒09'08	1.34475 AU
superior conj	-1555 Feb 28 j 09:01	26°♒28'41	-1°-6'-23
minimum elong	-1555 Feb 28 j 11:59	26°♒44'06	1°05'53
	-1555 Mar 02 j 01:30	0°♓	
asc. node	-1555 Mar 07 j 04:28	10°♓46'00	
evening rise	-1555 Mar 07 j 21:57	12°♓16'56	
	-1555 Mar 17 j 03:56	0°♈	
evening max el	-1555 Mar 27 j 14:53	14°♈00'09	21°16'59
retrograde	-1555 Apr 08 j 12:04	19°♈44'52	
evening set	-1555 Apr 10 j 21:56	19°♈31'29	
desc. node	-1555 Apr 16 j 22:03	17°♈20'10	
inferior conj	-1555 Apr 20 j 05:34	15°♈32'02	0°-56'-12
minimum elong	-1555 Apr 20 j 02:55	15°♈35'46	0°55'16
min. Earth dist.	-1555 Apr 20 j 15:05	15°♈18'39	0.55056 AU
morning rise	-1555 Apr 29 j 07:49	11°♈29'39	
direct	-1555 May 02 j 10:40	11°♈08'31	
morning max el	-1555 May 15 j 03:14	17°♈11'35	22°17'22
	-1555 May 25 j 06:20	0°♉	
asc. node	-1555 Jun 03 j 03:45	16°♉06'59	
morning set	-1555 Jun 05 j 16:20	21°♉17'21	
	-1555 Jun 09 j 19:22	0°♊	
superior conj	-1555 Jun 12 j 23:01	6°♊41'11	1°27'03
minimum elong	-1555 Jun 12 j 20:29	6°♊27'52	1°26'46
max. Earth dist.	-1555 Jun 16 j 02:47	13°♊16'13	1.34423 AU
evening rise	-1555 Jun 20 j 22:42	22°♊57'14	
	-1555 Jun 24 j 15:43	0°♋	
	-1555 Jul 13 j 05:21	0°♌	
desc. node	-1555 Jul 13 j 21:19	0°♌54'41	
evening max el	-1555 Jul 25 j 16:58	14°♌50'47	27°06'18
retrograde	-1555 Aug 07 j 23:42	22°♌10'21	
evening set	-1555 Aug 14 j 21:44	19°♌24'18	
min. Earth dist.	-1555 Aug 18 j 17:58	15°♌38'34	0.65124 AU
inferior conj	-1555 Aug 20 j 18:57	13°♌19'52	-2°-54'-53
minimum elong	-1555 Aug 20 j 22:58	13°♌08'28	2°53'35
morning rise	-1555 Aug 27 j 01:39	7°♌43'22	
direct	-1555 Aug 29 j 19:20	7°♌02'58	
asc. node	-1555 Aug 30 j 02:56	7°♌03'31	
morning max el	-1555 Sep 05 j 08:16	10°♌35'18	18°13'01
	-1555 Sep 18 j 18:02	0°♍	
morning set	-1555 Sep 23 j 19:51	8°♍24'11	
	-1555 Oct 07 j 02:25	0°♎	
superior conj	-1555 Oct 08 j 06:00	1°♎49'50	0°10'29
minimum elong	-1555 Oct 08 j 07:19	1°♎55'04	0°10'18
behind sun begin	-1555 Oct 07 j 22:45	1°♎21'01	
behind sun end	-1555 Oct 08 j 15:53	2°♎29'04	
desc. node	-1555 Oct 09 j 20:42	4°♎23'24	
max. Earth dist.	-1555 Oct 11 j 11:11	6°♎55'31	1.44790 AU
evening rise	-1555 Oct 24 j 20:17	27°♎51'07	
	-1555 Oct 26 j 05:27	0°♏	
greatest brilliancy	-1555 Nov 10 j 07:40	22°♏59'20	-0.7m
	-1555 Nov 15 j 11:33	0°♐	
evening max el	-1555 Nov 18 j 11:10	3°♐25'32	19°39'17
retrograde	-1555 Nov 25 j 19:51	7°♐42'26	
asc. node	-1555 Nov 26 j 02:09	7°♐42'02	
evening set	-1555 Nov 29 j 06:02	6°♐33'48	
inferior conj	-1555 Dec 04 j 20:12	0°♐33'38	2°41'36
minimum elong	-1555 Dec 04 j 17:19	0°♐43'07	2°40'42
	-1555 Dec 05 j 06:28	30°℞♏	
min. Earth dist.	-1555 Dec 05 j 22:12	29°♏08'31	0.66394 AU
morning rise	-1555 Dec 10 j 03:55	24°♏19'41	
direct	-1555 Dec 16 j 05:21	21°♏40'06	
morning max el	-1555 Dec 28 j 10:53	28°♏54'38	25°41'32
	-1555 Dec 29 j 12:18	0°♐	
desc. node	-1554 Jan 05 j 20:00	8°♐37'20	
	-1554 Jan 20 j 16:00	0°♑	
morning set	-1554 Feb 02 j 16:21	22°♑08'39	
max. Earth dist.	-1554 Feb 06 j 13:15	29°♑22'19	1.36020 AU
	-1554 Feb 06 j 21:09	0°♒	
superior conj	-1554 Feb 12 j 02:48	10°♒16'13	-1°-29'-15
minimum elong	-1554 Feb 12 j 06:21	10°♒34'03	1°28'49
evening rise	-1554 Feb 20 j 03:46	26°♒39'35	
	-1554 Feb 21 j 19:29	0°♓	
asc. node	-1554 Feb 22 j 01:30	0°♓30'05	
evening max el	-1554 Mar 09 j 23:30	25°♓25'58	20°01'08
	-1554 Mar 17 j 14:08	0°♈	
retrograde	-1554 Mar 20 j 04:16	0°♈18'22	
evening set	-1554 Mar 22 j 08:32	0°♈06'00	
	-1554 Mar 22 j 20:13	30°℞♓	
inferior conj	-1554 Mar 31 j 04:14	26°♓05'52	1°00'28
minimum elong	-1554 Mar 31 j 06:49	26°♓01'56	0°59'35

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1554 Apr 02 j 05:15	24°♓51'38	0.55583 AU
desc. node	-1554 Apr 03 j 19:05	23°♓56'51	
morning rise	-1554 Apr 09 j 02:14	21°♓37'51	
direct	-1554 Apr 13 j 01:38	21°♓03'07	
morning max el	-1554 Apr 26 j 20:29	27°♓53'14	23°57'06
	-1554 Apr 28 j 22:41	0°♈	
	-1554 May 18 j 02:51	0°♉	
morning set	-1554 May 21 j 04:09	6°♉16'44	
asc. node	-1554 May 21 j 00:48	5°♉59'12	
superior conj	-1554 May 28 j 06:30	21°♉30'56	1°09'34
minimum elong	-1554 May 28 j 04:01	21°♉17'36	1°09'11
max. Earth dist.	-1554 May 30 j 05:14	25°♉41'29	1.33399 AU
	-1554 Jun 01 j 06:08	0°♊	
evening rise	-1554 Jun 04 j 17:47	7°♊09'52	
	-1554 Jun 17 j 04:20	0°♋	
desc. node	-1554 Jun 30 j 18:19	19°♋47'24	
evening max el	-1554 Jul 08 j 03:25	27°♋58'09	27°25'06
	-1554 Jul 10 j 09:31	0°♌	
retrograde	-1554 Jul 21 j 19:10	5°♌19'39	
evening set	-1554 Jul 28 j 23:22	2°♌39'45	
	-1554 Aug 01 j 01:16	30°℞♋	
min. Earth dist.	-1554 Aug 01 j 14:15	29°♋28'07	0.63620 AU
inferior conj	-1554 Aug 04 j 04:46	26°♋48'01	-3°-40'-51
minimum elong	-1554 Aug 04 j 09:08	26°♋36'47	3°39'46
morning rise	-1554 Aug 10 j 20:59	21°♋29'03	
direct	-1554 Aug 13 j 10:14	20°♋57'08	
asc. node	-1554 Aug 16 j 23:59	22°♋00'11	
morning max el	-1554 Aug 19 j 23:39	24°♋22'32	17°56'02
	-1554 Aug 24 j 13:04	0°♌	
morning set	-1554 Sep 05 j 18:59	20°♌17'22	
	-1554 Sep 11 j 10:08	0°♍	
superior conj	-1554 Sep 18 j 04:27	11°♍20'51	0°54'02
minimum elong	-1554 Sep 18 j 09:30	11°♍41'41	0°53'25
max. Earth dist.	-1554 Sep 24 j 03:32	21°♍01'57	1.43949 AU
desc. node	-1554 Sep 26 j 17:42	25°♍09'28	
	-1554 Sep 29 j 19:30	0°♎	
evening rise	-1554 Oct 04 j 03:24	6°♎43'46	
	-1554 Oct 19 j 14:31	0°♏	
greatest brilliancy	-1554 Oct 26 j 15:29	9°♏49'50	-0.5m
evening max el	-1554 Nov 01 j 13:09	16°♏52'36	20°41'07
retrograde	-1554 Nov 09 j 17:23	21°♏42'44	
asc. node	-1554 Nov 12 j 23:11	20°♏42'33	
evening set	-1554 Nov 13 j 12:59	20°♏19'03	
inferior conj	-1554 Nov 18 j 23:57	14°♏07'56	1°58'09
minimum elong	-1554 Nov 18 j 21:32	14°♏16'08	1°57'15
min. Earth dist.	-1554 Nov 19 j 13:46	13°♏20'53	0.67108 AU
morning rise	-1554 Nov 24 j 05:37	7°♏51'49	
direct	-1554 Nov 29 j 16:04	5°♏30'11	
morning max el	-1554 Dec 10 j 19:22	12°♏08'55	24°18'49
desc. node	-1554 Dec 23 j 17:02	27°♏58'40	
	-1554 Dec 25 j 03:49	0°♐	
	-1553 Jan 13 j 10:55	0°♑	
morning set	-1553 Jan 15 j 14:52	3°♑43'18	
max. Earth dist.	-1553 Jan 19 j 09:58	10°♑26'25	1.37945 AU
superior conj	-1553 Jan 26 j 09:11	23°♑25'02	-1°-47'-30
minimum elong	-1553 Jan 26 j 12:23	23°♑40'27	1°47'18
	-1553 Jan 29 j 18:28	0°♒	
evening rise	-1553 Feb 04 j 03:19	10°♒37'07	
asc. node	-1553 Feb 08 j 22:31	19°♒54'06	
	-1553 Feb 14 j 19:45	0°♓	
evening max el	-1553 Feb 20 j 18:50	7°♓28'44	19°03'54
retrograde	-1553 Mar 01 j 09:38	11°♓36'57	
evening set	-1553 Mar 03 j 16:29	11°♓20'43	
inferior conj	-1553 Mar 11 j 18:34	7°♓06'57	2°33'03
minimum elong	-1553 Mar 11 j 23:11	6°♓58'54	2°31'50
min. Earth dist.	-1553 Mar 14 j 21:00	4°♓58'22	0.56941 AU
morning rise	-1553 Mar 20 j 01:49	2°♓06'54	
desc. node	-1553 Mar 21 j 16:09	1°♓34'25	
direct	-1553 Mar 25 j 05:17	1°♓04'25	
morning max el	-1553 Apr 08 j 11:21	8°♓25'56	25°32'57
	-1553 Apr 24 j 12:51	0°♈	
morning set	-1553 May 05 j 16:04	21°♈16'35	
asc. node	-1553 May 07 j 21:51	26°♈02'43	
	-1553 May 09 j 17:42	0°♉	
superior conj	-1553 May 12 j 17:00	6°♉29'09	0°48'39
minimum elong	-1553 May 12 j 15:02	6°♉18'27	0°48'17
max. Earth dist.	-1553 May 13 j 14:30	8°♉26'27	1.32747 AU
evening rise	-1553 May 19 j 20:36	21°♉45'37	
	-1553 May 23 j 23:23	0°♊	
	-1553 Jun 11 j 06:18	0°♋	
desc. node	-1553 Jun 17 j 15:20	7°♋43'05	
evening max el	-1553 Jun 20 j 10:33	10°♋34'11	27°12'31
retrograde	-1553 Jul 04 j 08:09	17°♋53'46	
evening set	-1553 Jul 11 j 09:56	15°♋34'12	
min. Earth dist.	-1553 Jul 15 j 00:32	12°♋46'51	0.61787 AU
inferior conj	-1553 Jul 18 j 02:53	9°♋58'04	-4°-16'-30
minimum elong	-1553 Jul 18 j 06:24	9°♋50'02	4°15'57
morning rise	-1553 Jul 25 j 05:35	4°♋59'22	
direct	-1553 Jul 27 j 16:47	4°♋33'20	
morning max el	-1553 Aug 03 j 14:02	8°♋00'32	17°57'27
asc. node	-1553 Aug 03 j 21:03	8°♋17'58	
	-1553 Aug 17 j 20:42	0°♌	
morning set	-1553 Aug 19 j 14:07	3°♌08'19	
superior conj	-1553 Aug 30 j 06:26	22°♌13'33	1°24'47
minimum elong	-1553 Aug 30 j 11:12	22°♌34'13	1°24'20
	-1553 Sep 03 j 19:51	0°♍	
max. Earth dist.	-1553 Sep 06 j 15:17	4°♍40'06	1.42519 AU
evening rise	-1553 Sep 13 j 12:49	15°♍46'15	
desc. node	-1553 Sep 13 j 14:42	15°♍53'39	
	-1553 Sep 22 j 19:09	0°♎	
greatest brilliancy	-1553 Oct 10 j 14:14	24°♎53'21	-0.4m
	-1553 Oct 15 j 01:25	0°♏	
evening max el	-1553 Oct 15 j 09:19	0°♏20'16	21°54'04
retrograde	-1553 Oct 24 j 13:38	5°♏47'45	
evening set	-1553 Oct 28 j 20:53	4°♏06'49	
asc. node	-1553 Oct 30 j 20:13	2°♏13'00	
	-1553 Nov 01 j 15:31	30°℞♎	
inferior conj	-1553 Nov 03 j 06:12	27°♎48'23	1°09'26
minimum elong	-1553 Nov 03 j 04:39	27°♎53'44	1°08'47
min. Earth dist.	-1553 Nov 03 j 09:04	27°♎38'27	0.67489 AU
morning rise	-1553 Nov 08 j 12:10	21°♎32'44	
direct	-1553 Nov 13 j 07:21	19°♎32'50	
morning max el	-1553 Nov 23 j 05:15	25°♎26'38	22°51'26
	-1553 Nov 27 j 07:54	0°♏	
greatest brilliancy	-1553 Nov 27 j 23:02	0°♏45'28	-0.3m
desc. node	-1553 Dec 10 j 14:04	17°♏49'36	
	-1553 Dec 18 j 16:49	0°♐	
morning set	-1553 Dec 27 j 10:26	13°♐56'42	
max. Earth dist.	-1552 Jan 01 j 05:26	22°♐00'06	1.40052 AU
	-1552 Jan 05 j 19:22	0°♑	
superior conj	-1552 Jan 08 j 23:47	5°♑44'17	-1°-58'-5
minimum elong	-1552 Jan 09 j 01:07	5°♑50'26	1°58'07
evening rise	-1552 Jan 18 j 17:48	24°♑02'54	
	-1552 Jan 21 j 21:19	0°♒	
asc. node	-1552 Jan 26 j 19:33	8°♒51'31	
evening max el	-1552 Feb 03 j 22:47	20°♒03'22	18°26'34
retrograde	-1552 Feb 11 j 09:36	23°♒43'06	
evening set	-1552 Feb 13 j 20:44	23°♒20'17	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1552 Feb 21 j 05:34	18°♒46'06	3°29'32
minimum elong	-1552 Feb 21 j 08:54	18°♒39'20	3°29'00
min. Earth dist.	-1552 Feb 24 j 15:47	16°♒00'42	0.58835 AU
morning rise	-1552 Feb 28 j 17:25	13°♒19'27	
direct	-1552 Mar 05 j 22:12	11°♒39'35	
desc. node	-1552 Mar 07 j 13:13	11°♒46'21	
morning max el	-1552 Mar 20 j 05:26	19°♒17'17	26°49'46
	-1552 Mar 29 j 07:28	0°♓	
	-1552 Apr 16 j 01:54	0°♈	
morning set	-1552 Apr 19 j 02:27	6°♈10'58	
asc. node	-1552 Apr 23 j 18:54	16°♈12'50	
superior conj	-1552 Apr 26 j 04:44	21°♈29'21	0°25'13
minimum elong	-1552 Apr 26 j 03:38	21°♈23'19	0°24'59
max. Earth dist.	-1552 Apr 26 j 03:19	21°♈21'39	1.32452 AU
	-1552 Apr 30 j 02:16	0°♉	
evening rise	-1552 May 03 j 04:31	6°♉35'28	
	-1552 May 15 j 13:52	0°♊	
evening max el	-1552 Jun 01 j 12:03	22°♊28'46	26°27'02
desc. node	-1552 Jun 03 j 12:22	24°♊17'34	
retrograde	-1552 Jun 15 j 12:55	29°♊44'29	
evening set	-1552 Jun 22 j 00:57	27°♊58'03	
min. Earth dist.	-1552 Jun 26 j 01:15	25°♊19'36	0.59757 AU
inferior conj	-1552 Jun 29 j 09:42	22°♊40'35	-4°-34'-32
minimum elong	-1552 Jun 29 j 10:37	22°♊38'46	4°34'30
morning rise	-1552 Jul 06 j 23:40	18°♊04'12	
direct	-1552 Jul 09 j 10:55	17°♊42'08	
morning max el	-1552 Jul 17 j 00:25	21°♊21'03	18°18'22
asc. node	-1552 Jul 20 j 18:08	25°♊41'04	
	-1552 Jul 23 j 16:23	0°♋	
morning set	-1552 Aug 01 j 23:51	16°♋42'15	
	-1552 Aug 09 j 00:49	0°♌	
superior conj	-1552 Aug 11 j 09:24	4°♌20'38	1°42'06
minimum elong	-1552 Aug 11 j 12:00	4°♌32'28	1°41'59
max. Earth dist.	-1552 Aug 18 j 21:52	17°♌38'56	1.40689 AU
evening rise	-1552 Aug 23 j 17:10	25°♌42'28	
	-1552 Aug 26 j 08:33	0°♍	
desc. node	-1552 Aug 30 j 11:42	6°♍32'03	
	-1552 Sep 15 j 13:55	0°♎	
greatest brilliancy	-1552 Sep 21 j 01:56	7°♎07'08	-0.2m
evening max el	-1552 Sep 27 j 00:22	13°♎49'08	23°13'29
retrograde	-1552 Oct 07 j 07:11	19°♎54'18	
evening set	-1552 Oct 12 j 03:59	17°♎54'38	
asc. node	-1552 Oct 16 j 17:18	12°♎40'22	
min. Earth dist.	-1552 Oct 17 j 05:36	11°♎58'15	0.67556 AU
inferior conj	-1552 Oct 17 j 13:06	11°♎32'29	0°17'05
minimum elong	-1552 Oct 17 j 12:42	11°♎33'52	0°16'54
morning rise	-1552 Oct 22 j 21:27	5°♎20'06	
direct	-1552 Oct 27 j 02:13	3°♎42'28	
morning max el	-1552 Nov 04 j 20:07	8°♎51'05	21°27'57
greatest brilliancy	-1552 Nov 09 j 23:17	14°♎44'38	-0.4m
	-1552 Nov 21 j 01:12	0°♏	
desc. node	-1552 Nov 26 j 11:05	8°♏01'10	
morning set	-1552 Dec 06 j 01:18	22°♏48'21	
	-1552 Dec 10 j 13:14	0°♐	
max. Earth dist.	-1552 Dec 13 j 06:53	4°♐28'07	1.42046 AU
superior conj	-1552 Dec 20 j 17:05	16°♐59'53	-1°-57'-5
minimum elong	-1552 Dec 20 j 14:43	16°♐49'42	1°57'03
	-1552 Dec 28 j 01:31	0°♑	
evening rise	-1552 Dec 31 j 19:39	6°♑48'57	
asc. node	-1551 Jan 12 j 16:35	27°♑13'47	
	-1551 Jan 14 j 16:52	0°♒	
evening max el	-1551 Jan 17 j 08:21	3°♒01'13	18°09'14
retrograde	-1551 Jan 24 j 02:55	6°♒28'26	
evening set	-1551 Jan 26 j 17:47	5°♒57'52	

inferior conj	-1551 Feb 02 j 12:15	1°♒01'36	3°53'20
minimum elong	-1551 Feb 02 j 13:08	0°♒59'33	3°53'16
	-1551 Feb 03 j 14:20	30°℞♑	
min. Earth dist.	-1551 Feb 05 j 16:39	28°♑03'30	0.60899 AU
morning rise	-1551 Feb 09 j 05:46	25°♑16'19	
direct	-1551 Feb 16 j 01:54	23°♑00'36	
desc. node	-1551 Feb 22 j 10:17	24°♑45'36	
	-1551 Mar 01 j 10:30	0°♒	
morning max el	-1551 Mar 02 j 05:49	0°♒46'32	27°35'28
	-1551 Mar 23 j 09:06	0°♓	
morning set	-1551 Apr 03 j 09:28	20°♓53'38	
	-1551 Apr 07 j 17:01	0°♈	
max. Earth dist.	-1551 Apr 09 j 15:53	4°♈14'00	1.32507 AU
superior conj	-1551 Apr 10 j 16:02	6°♈25'48	0°00'02
minimum elong	-1551 Apr 10 j 16:02	6°♈25'47	0°00'02
behind sun begin	-1551 Apr 10 j 11:10	5°♈59'13	
behind sun end	-1551 Apr 10 j 20:53	6°♈52'21	
asc. node	-1551 Apr 10 j 15:58	6°♈25'25	
evening rise	-1551 Apr 17 j 15:21	21°♈31'48	
	-1551 Apr 21 j 18:35	0°♉	
	-1551 May 10 j 19:07	0°♊	
evening max el	-1551 May 14 j 06:57	3°♊40'24	25°13'07
desc. node	-1551 May 21 j 09:26	8°♊58'53	
retrograde	-1551 May 28 j 07:40	10°♊49'20	
evening set	-1551 Jun 02 j 17:28	9°♊41'33	
min. Earth dist.	-1551 Jun 07 j 18:48	6°♊54'36	0.57761 AU
inferior conj	-1551 Jun 10 j 21:51	4°♊46'16	-4°-24'-33
minimum elong	-1551 Jun 10 j 18:38	4°♊51'48	4°24'14
morning rise	-1551 Jun 18 j 23:44	0°♊31'57	
direct	-1551 Jun 21 j 12:17	0°♊12'49	
morning max el	-1551 Jun 30 j 03:58	4°♊15'50	18°59'45
asc. node	-1551 Jul 07 j 15:13	13°♊55'26	
	-1551 Jul 16 j 10:06	0°♋	
morning set	-1551 Jul 16 j 20:01	0°♋48'43	
superior conj	-1551 Jul 25 j 07:47	17°♋27'19	1°48'01
minimum elong	-1551 Jul 25 j 08:06	17°♋28'48	1°48'03
max. Earth dist.	-1551 Aug 01 j 00:53	29°♋56'44	1.38702 AU
	-1551 Aug 01 j 01:36	0°♌	
evening rise	-1551 Aug 04 j 22:57	6°♌51'43	
desc. node	-1551 Aug 17 j 08:44	27°♌00'47	
	-1551 Aug 19 j 08:13	0°♍	
evening max el	-1551 Sep 09 j 12:18	27°♍20'59	24°33'03
	-1551 Sep 12 j 09:49	0°♎	
retrograde	-1551 Sep 20 j 21:00	3°♎59'33	
evening set	-1551 Sep 26 j 08:37	1°♎41'15	
	-1551 Sep 28 j 01:51	30°℞♍	
min. Earth dist.	-1551 Oct 01 j 01:01	26°♍19'09	0.67313 AU
inferior conj	-1551 Oct 01 j 18:59	25°♍19'05	0°-37'-19
minimum elong	-1551 Oct 01 j 19:53	25°♍16'03	0°36'57
asc. node	-1551 Oct 03 j 14:23	22°♍57'29	
morning rise	-1551 Oct 07 j 07:31	19°♍12'44	
direct	-1551 Oct 10 j 23:30	17°♍55'33	
morning max el	-1551 Oct 18 j 18:20	22°♍25'39	20°14'25
	-1551 Oct 25 j 01:36	0°♎	
greatest brilliancy	-1551 Oct 25 j 13:56	0°♎41'31	-0.6m
desc. node	-1551 Nov 13 j 08:06	28°♎27'30	
	-1551 Nov 14 j 08:05	0°♏	
morning set	-1551 Nov 14 j 22:57	0°♏57'31	
max. Earth dist.	-1551 Nov 25 j 15:59	17°♏48'27	1.43646 AU
superior conj	-1551 Dec 01 j 08:04	27°♏00'33	-1°-40'-13
minimum elong	-1551 Dec 01 j 01:25	26°♏33'16	1°39'43
	-1551 Dec 03 j 03:32	0°♐	
evening rise	-1551 Dec 14 j 04:40	18°♐46'55	
	-1551 Dec 20 j 16:35	0°♑	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1551 Dec 30 j 13:38	14°♑50'07	
evening max el	-1551 Dec 31 j 20:35	16°♑13'55	18°11'21
retrograde	-1550 Jan 07 j 09:03	19°♑42'03	
evening set	-1550 Jan 10 j 03:39	19°♑02'51	
inferior conj	-1550 Jan 16 j 10:58	13°♑45'39	3°52'28
minimum elong	-1550 Jan 16 j 09:44	13°♑48'56	3°52'21
min. Earth dist.	-1550 Jan 19 j 02:30	10°♑57'25	0.62850 AU
morning rise	-1550 Jan 22 j 13:56	7°♑47'54	
direct	-1550 Jan 29 j 14:24	5°♑07'05	
desc. node	-1550 Feb 09 j 07:21	10°♑01'50	
morning max el	-1550 Feb 12 j 11:54	12°♑56'28	27°44'32
	-1550 Feb 26 j 04:20	0°♒	
	-1550 Mar 15 j 18:57	0°♓	
morning set	-1550 Mar 18 j 10:48	5°♓15'54	
max. Earth dist.	-1550 Mar 24 j 00:02	16°♓48'02	1.32936 AU
superior conj	-1550 Mar 26 j 01:07	21°♓11'31	0°-26'-2
minimum elong	-1550 Mar 26 j 02:20	21°♓18'05	0°25'47
asc. node	-1550 Mar 28 j 13:00	26°♓35'34	
	-1550 Mar 30 j 02:47	0°♈	
evening rise	-1550 Apr 02 j 03:08	6°♈26'39	
	-1550 Apr 14 j 16:42	0°♉	
evening max el	-1550 Apr 25 j 21:56	14°♉22'05	23°41'47
desc. node	-1550 May 08 j 06:30	21°♉09'10	
retrograde	-1550 May 09 j 14:33	21°♉13'14	
evening set	-1550 May 13 j 14:29	20°♉37'57	
min. Earth dist.	-1550 May 20 j 08:46	17°♉27'56	0.56121 AU
inferior conj	-1550 May 22 j 13:46	16°♉07'55	-3°-35'-3
minimum elong	-1550 May 22 j 07:15	16°♉17'48	3°33'34
morning rise	-1550 May 31 j 03:42	12°♉09'47	
direct	-1550 Jun 02 j 18:10	11°♉52'41	
morning max el	-1550 Jun 12 j 21:59	16°♉34'39	20°01'56
	-1550 Jun 22 j 22:03	0°♊	
asc. node	-1550 Jun 24 j 12:17	2°♊48'03	
morning set	-1550 Jun 30 j 23:24	15°♊18'05	
	-1550 Jul 08 j 04:46	0°♋	
superior conj	-1550 Jul 08 j 20:08	1°♋17'05	1°45'01
minimum elong	-1550 Jul 08 j 18:46	1°♋10'15	1°44'59
max. Earth dist.	-1550 Jul 14 j 05:01	11°♋47'05	1.36803 AU
evening rise	-1550 Jul 18 j 04:05	19°♋09'16	
	-1550 Jul 24 j 08:32	0°♌	
desc. node	-1550 Aug 04 j 05:46	17°♌14'03	
	-1550 Aug 13 j 10:51	0°♍	
evening max el	-1550 Aug 22 j 23:22	10°♍55'25	25°45'34
retrograde	-1550 Sep 04 j 06:31	17°♍58'32	
evening set	-1550 Sep 10 j 08:54	15°♍24'23	
min. Earth dist.	-1550 Sep 14 j 16:55	10°♍38'49	0.66738 AU
inferior conj	-1550 Sep 15 j 22:02	9°♍05'59	-1°-32'-11
minimum elong	-1550 Sep 16 j 00:18	8°♍58'46	1°31'17
asc. node	-1550 Sep 20 j 11:26	4°♍01'25	
morning rise	-1550 Sep 21 j 16:26	3°♍08'39	
direct	-1550 Sep 24 j 21:49	2°♍08'38	
morning max el	-1550 Oct 01 j 23:55	6°♍09'29	19°14'38
	-1550 Oct 18 j 23:58	0°♎	
morning set	-1550 Oct 25 j 03:17	9°♎33'58	
desc. node	-1550 Oct 31 j 05:07	19°♎04'10	
	-1550 Nov 07 j 04:13	0°♏	
max. Earth dist.	-1550 Nov 08 j 06:54	1°♏45'16	1.44651 AU
superior conj	-1550 Nov 10 j 21:14	5°♏51'57	-1°-5'-33
minimum elong	-1550 Nov 10 j 13:49	5°♏22'30	1°04'44
evening rise	-1550 Nov 25 j 16:29	29°♏48'53	
	-1550 Nov 25 j 19:11	0°♐	
evening max el	-1550 Dec 15 j 08:47	29°♐35'41	18°32'05
	-1550 Dec 15 j 18:31	0°♑	
asc. node	-1550 Dec 17 j 10:41	1°♑27'31	

retrograde	-1550 Dec 21 j 23:32	3°♑15'33	
evening set	-1550 Dec 24 j 22:50	2°♑26'28	
	-1550 Dec 28 j 01:21	30°℞♐	
inferior conj	-1550 Dec 30 j 21:47	26°♐50'35	3°34'05
minimum elong	-1550 Dec 30 j 19:18	26°♐57'53	3°33'39
min. Earth dist.	-1549 Jan 01 j 22:16	24°♐28'23	0.64516 AU
morning rise	-1549 Jan 05 j 14:27	20°♐44'28	
direct	-1549 Jan 12 j 10:27	17°♐53'26	
morning max el	-1549 Jan 25 j 21:05	25°♐38'48	27°18'19
desc. node	-1549 Jan 27 j 04:22	26°♐59'00	
	-1549 Jan 29 j 21:51	0°♑	
	-1549 Feb 19 j 15:57	0°♒	
morning set	-1549 Mar 02 j 03:41	19°♒08'34	
max. Earth dist.	-1549 Mar 06 j 23:44	28°♒51'09	1.33778 AU
	-1549 Mar 07 j 13:04	0°♓	
superior conj	-1549 Mar 10 j 06:10	5°♓40'34	0°-51'-59
minimum elong	-1549 Mar 10 j 08:33	5°♓53'13	0°51'33
asc. node	-1549 Mar 15 j 10:02	16°♓39'21	
evening rise	-1549 Mar 17 j 14:05	21°♓13'53	
	-1549 Mar 21 j 21:38	0°♈	
evening max el	-1549 Apr 07 j 15:41	25°♈02'55	22°07'35
	-1549 Apr 14 j 15:44	0°♉	
retrograde	-1549 Apr 20 j 09:28	1°♉16'26	
evening set	-1549 Apr 23 j 04:38	0°♉59'06	
desc. node	-1549 Apr 25 j 03:32	0°♉27'46	
	-1549 Apr 26 j 09:59	30°℞♈	
min. Earth dist.	-1549 May 01 j 22:12	27°♈13'45	0.55184 AU
inferior conj	-1549 May 02 j 13:30	26°♈52'10	-2°-2'-48
minimum elong	-1549 May 02 j 08:05	26°♈59'49	2°01'02
morning rise	-1549 May 11 j 13:07	22°♈56'11	
direct	-1549 May 14 j 08:55	22°♈38'14	
morning max el	-1549 May 26 j 05:00	28°♈11'24	21°23'24
	-1549 May 28 j 00:33	0°♉	
asc. node	-1549 Jun 11 j 09:19	22°♉09'36	
morning set	-1549 Jun 15 j 07:33	0°♊03'45	
	-1549 Jun 15 j 06:50	0°♊	
superior conj	-1549 Jun 22 j 18:15	15°♊37'31	1°35'11
minimum elong	-1549 Jun 22 j 15:58	15°♊25'36	1°34'59
max. Earth dist.	-1549 Jun 26 j 16:22	23°♊38'04	1.35190 AU
	-1549 Jun 29 j 21:56	0°♋	
evening rise	-1549 Jul 01 j 03:39	2°♋22'27	
	-1549 Jul 17 j 07:12	0°♌	
desc. node	-1549 Jul 22 j 02:48	7°♌04'33	
evening max el	-1549 Aug 05 j 10:57	24°♌28'05	26°43'06
	-1549 Aug 12 j 13:36	0°♍	
retrograde	-1549 Aug 18 j 10:58	1°♍44'38	
	-1549 Aug 23 j 18:56	30°℞♌	
evening set	-1549 Aug 25 j 02:38	29°♌00'34	
min. Earth dist.	-1549 Aug 29 j 02:57	24°♌52'54	0.65816 AU
inferior conj	-1549 Aug 30 j 20:18	22°♌49'49	-2°-25'-41
minimum elong	-1549 Aug 30 j 23:46	22°♌39'26	2°24'26
morning rise	-1549 Sep 05 j 22:06	17°♌04'33	
asc. node	-1549 Sep 07 j 08:29	16°♌29'50	
direct	-1549 Sep 08 j 19:16	16°♌18'03	
morning max el	-1549 Sep 15 j 11:11	19°♌58'36	18°30'35
	-1549 Sep 23 j 03:06	0°♍	
morning set	-1549 Oct 05 j 08:24	19°♍26'02	
	-1549 Oct 11 j 22:15	0°♎	
desc. node	-1549 Oct 18 j 02:08	9°♎47'09	
superior conj	-1549 Oct 20 j 21:22	14°♎12'15	0°-18'-4
minimum elong	-1549 Oct 20 j 18:58	14°♎02'50	0°17'46
max. Earth dist.	-1549 Oct 22 j 00:52	16°♎00'32	1.44952 AU
	-1549 Oct 30 j 22:29	0°♏	
evening rise	-1549 Nov 06 j 04:08	9°♏50'01	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

greatest brilliancy	-1549 Nov 17 j 14:50	27°♏49'54	-0.7m
	-1549 Nov 19 j 00:52	0°♐	
evening max el	-1549 Nov 28 j 18:32	13°♐01'39	19°10'13
asc. node	-1549 Dec 04 j 07:43	16°♐50'33	
retrograde	-1549 Dec 05 j 18:45	17°♐02'28	
evening set	-1549 Dec 09 j 00:24	16°♐01'38	
inferior conj	-1549 Dec 14 j 17:15	10°♐09'40	3°03'23
minimum elong	-1549 Dec 14 j 14:19	10°♐18'58	3°02'37
min. Earth dist.	-1549 Dec 16 j 03:05	8°♐22'32	0.65823 AU
morning rise	-1549 Dec 20 j 03:20	3°♐58'02	
direct	-1549 Dec 26 j 12:45	1°♐10'54	
morning max el	-1548 Jan 08 j 06:32	8°♐40'21	26°22'59
desc. node	-1548 Jan 14 j 01:23	15°♐07'30	
	-1548 Jan 25 j 01:01	0°♑	
	-1548 Feb 12 j 02:23	0°♒	
morning set	-1548 Feb 13 j 08:14	2°♒19'04	
max. Earth dist.	-1548 Feb 17 j 11:53	10°♒17'45	1.35073 AU
superior conj	-1548 Feb 22 j 04:49	19°♒45'13	-1°-16'-30
minimum elong	-1548 Feb 22 j 08:07	20°♒02'07	1°16'01
	-1548 Feb 27 j 03:26	0°♓	
evening rise	-1548 Feb 29 j 22:18	5°♓46'44	
asc. node	-1548 Mar 01 j 07:04	6°♓31'45	
	-1548 Mar 14 j 12:07	0°♈	
evening max el	-1548 Mar 19 j 18:07	6°♈08'15	20°42'45
retrograde	-1548 Mar 30 j 22:27	11°♈29'57	
evening set	-1548 Apr 02 j 04:23	11°♈17'50	
inferior conj	-1548 Apr 11 j 08:14	7°♈20'35	0°-5'-27
minimum elong	-1548 Apr 11 j 07:59	7°♈20'57	0°05'22
transit middle	-1548 Apr 11 j 07:59	7°♈20'57	0°05'22
transit begin	-1548 Apr 11 j 04:09	7°♈26'28	
transit end	-1548 Apr 11 j 11:49	7°♈15'27	
desc. node	-1548 Apr 11 j 00:32	7°♈31'39	
min. Earth dist.	-1548 Apr 12 j 11:56	6°♈40'49	0.55165 AU
morning rise	-1548 Apr 20 j 10:05	3°♈08'48	
direct	-1548 Apr 23 j 20:31	2°♈43'12	
morning max el	-1548 May 07 j 01:57	9°♈08'13	22°59'15
	-1548 May 22 j 03:06	0°♉	
asc. node	-1548 May 28 j 06:23	11°♉52'39	
morning set	-1548 May 29 j 18:33	15°♉00'03	
superior conj	-1548 Jun 05 j 23:02	0°♊19'03	1°20'07
minimum elong	-1548 Jun 05 j 20:28	0°♊05'22	1°19'47
	-1548 Jun 05 j 19:28	0°♊	
max. Earth dist.	-1548 Jun 08 j 13:44	5°♊50'22	1.33945 AU
evening rise	-1548 Jun 13 j 16:49	16°♊17'27	
	-1548 Jun 20 j 23:57	0°♋	
desc. node	-1548 Jul 07 j 23:49	26°♋22'33	
	-1548 Jul 10 j 20:02	0°♌	
evening max el	-1548 Jul 17 j 22:37	7°♌49'43	27°17'57
retrograde	-1548 Jul 31 j 09:48	15°♌10'19	
evening set	-1548 Aug 07 j 11:07	12°♌25'42	
min. Earth dist.	-1548 Aug 11 j 04:52	8°♌54'53	0.64529 AU
inferior conj	-1548 Aug 13 j 11:28	6°♌26'15	-3°-15'-19
minimum elong	-1548 Aug 13 j 15:45	6°♌14'34	3°14'04
morning rise	-1548 Aug 19 j 22:04	0°♌56'28	
direct	-1548 Aug 22 j 13:35	0°♌19'59	
asc. node	-1548 Aug 24 j 05:32	0°♌34'30	
morning max el	-1548 Aug 29 j 01:50	3°♌48'28	18°03'31
	-1548 Sep 15 j 08:04	0°♍	
morning set	-1548 Sep 15 j 17:34	0°♍40'05	
superior conj	-1548 Sep 29 j 06:36	23°♍03'41	0°30'16
minimum elong	-1548 Sep 29 j 10:03	23°♍17'35	0°29'48
desc. node	-1548 Oct 03 j 23:11	0°♎33'25	
	-1548 Oct 03 j 14:45	0°♎	
max. Earth dist.	-1548 Oct 03 j 19:09	0°♎17'27	1.44521 AU
evening rise	-1548 Oct 15 j 18:33	19°♎00'15	
	-1548 Oct 22 j 22:26	0°♏	
greatest brilliancy	-1548 Nov 03 j 23:51	17°♏48'50	-0.6m
evening max el	-1548 Nov 10 j 23:52	26°♏29'26	20°03'59
	-1548 Nov 15 j 07:03	0°♐	
retrograde	-1548 Nov 18 j 16:01	0°♐59'12	
asc. node	-1548 Nov 20 j 04:44	0°♐45'45	
	-1548 Nov 21 j 20:34	30°℞♏	
evening set	-1548 Nov 22 j 06:01	29°♏44'23	
inferior conj	-1548 Nov 27 j 18:39	23°♏39'19	2°23'53
minimum elong	-1548 Nov 27 j 15:54	23°♏48'29	2°22'58
min. Earth dist.	-1548 Nov 28 j 15:17	22°♏30'28	0.66751 AU
morning rise	-1548 Dec 03 j 01:12	17°♏24'24	
direct	-1548 Dec 08 j 20:32	14°♏51'41	
morning max el	-1548 Dec 20 j 15:10	21°♏51'38	25°07'25
	-1548 Dec 27 j 18:09	0°♐	
desc. node	-1548 Dec 30 j 22:27	4°♐06'46	
	-1547 Jan 17 j 07:31	0°♑	
morning set	-1547 Jan 25 j 19:26	14°♑33'03	
max. Earth dist.	-1547 Jan 29 j 13:07	21°♑22'22	1.36806 AU
	-1547 Feb 03 j 01:53	0°♒	
superior conj	-1547 Feb 04 j 18:12	3°♒17'18	-1°-37'-43
minimum elong	-1547 Feb 04 j 21:45	3°♒34'50	1°37'23
evening rise	-1547 Feb 13 j 01:44	19°♒59'09	
asc. node	-1547 Feb 16 j 04:05	26°♒07'45	
	-1547 Feb 18 j 04:40	0°♓	
evening max el	-1547 Mar 02 j 07:25	17°♓49'30	19°34'22
retrograde	-1547 Mar 11 j 18:46	22°♓21'13	
evening set	-1547 Mar 13 j 23:53	22°♓07'29	
inferior conj	-1547 Mar 22 j 12:18	18°♓02'41	1°43'55
minimum elong	-1547 Mar 22 j 16:15	17°♓56'21	1°42'41
min. Earth dist.	-1547 Mar 25 j 02:17	16°♓24'04	0.56073 AU
desc. node	-1547 Mar 28 j 21:34	14°♓17'11	
morning rise	-1547 Mar 31 j 05:06	13°♓21'27	
direct	-1547 Apr 04 j 16:17	12°♓36'36	
morning max el	-1547 Apr 18 j 17:11	19°♓41'28	24°39'24
	-1547 Apr 27 j 09:55	0°♈	
morning set	-1547 May 14 j 06:37	0°♉00'27	
	-1547 May 14 j 06:32	0°♉	
asc. node	-1547 May 15 j 03:25	1°♉50'18	
superior conj	-1547 May 21 j 08:01	15°♉13'05	1°01'04
minimum elong	-1547 May 21 j 05:42	15°♉00'34	1°00'40
max. Earth dist.	-1547 May 22 j 19:44	18°♉26'15	1.33076 AU
	-1547 May 28 j 07:28	0°♊	
evening rise	-1547 May 28 j 15:32	0°♊41'13	
	-1547 Jun 13 j 23:58	0°♋	
desc. node	-1547 Jun 24 j 20:50	14°♋53'45	
evening max el	-1547 Jun 30 j 08:09	20°♋46'08	27°23'49
retrograde	-1547 Jul 14 j 02:19	28°♋06'10	
evening set	-1547 Jul 21 j 06:52	25°♋33'15	
min. Earth dist.	-1547 Jul 24 j 20:52	22°♋33'35	0.62882 AU
inferior conj	-1547 Jul 27 j 16:46	19°♋48'09	-3°-57'-34
minimum elong	-1547 Jul 27 j 20:57	19°♋37'53	3°56'42
morning rise	-1547 Aug 03 j 13:19	14°♋37'20	
direct	-1547 Aug 06 j 01:33	14°♋08'03	
asc. node	-1547 Aug 11 j 02:36	16°♋07'46	
morning max el	-1547 Aug 12 j 17:08	17°♋32'46	17°54'18
	-1547 Aug 21 j 14:59	0°♌	
morning set	-1547 Aug 29 j 01:58	13°♌00'21	
	-1547 Sep 07 j 19:53	0°♍	
superior conj	-1547 Sep 09 j 16:36	3°♍09'07	1°08'47
minimum elong	-1547 Sep 09 j 21:56	3°♍31'29	1°08'11
max. Earth dist.	-1547 Sep 16 j 10:25	14°♍16'14	1.43413 AU
desc. node	-1547 Sep 20 j 20:12	21°♍19'12	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1547 Sep 25 j 00:19	27°♍51'19	
	-1547 Sep 26 j 09:34	0°♎	
	-1547 Oct 16 j 19:32	0°♏	
greatest brilliancy	-1547 Oct 19 j 16:14	3°♏46'13	-0.5m
evening max el	-1547 Oct 24 j 23:25	9°♏56'57	21°10'58
retrograde	-1547 Nov 02 j 13:14	15°♏02'19	
evening set	-1547 Nov 06 j 13:39	13°♏31'17	
asc. node	-1547 Nov 07 j 01:46	13°♏06'47	
inferior conj	-1547 Nov 11 j 23:43	7°♏16'32	1°38'01
minimum elong	-1547 Nov 11 j 21:38	7°♏23'41	1°37'11
min. Earth dist.	-1547 Nov 12 j 08:40	6°♏45'46	0.67315 AU
morning rise	-1547 Nov 17 j 05:17	1°♏00'31	
	-1547 Nov 18 j 13:17	30°℞♎	
direct	-1547 Nov 22 j 09:09	28°♎48'09	
	-1547 Nov 26 j 14:04	0°♏	
morning max el	-1547 Dec 03 j 00:00	5°♏07'51	23°41'40
desc. node	-1547 Dec 17 j 19:31	23°♏42'06	
	-1547 Dec 22 j 03:58	0°♐	
morning set	-1546 Jan 07 j 07:12	25°♐34'53	
	-1546 Jan 09 j 20:53	0°♑	
max. Earth dist.	-1546 Jan 11 j 08:51	2°♑37'27	1.38838 AU
superior conj	-1546 Jan 18 j 18:31	16°♑06'56	-1°-53'-9
minimum elong	-1546 Jan 18 j 21:09	16°♑19'22	1°53'03
	-1546 Jan 25 j 23:45	0°♒	
evening rise	-1546 Jan 27 j 21:53	3°♒44'48	
asc. node	-1546 Feb 03 j 01:07	15°♒21'43	
	-1546 Feb 13 j 03:55	0°♓	
evening max el	-1546 Feb 13 j 06:43	0°♓06'48	18°45'31
retrograde	-1546 Feb 21 j 08:18	4°♓01'17	
evening set	-1546 Feb 23 j 16:55	3°♓42'29	
	-1546 Mar 02 j 13:43	30°℞♒	
inferior conj	-1546 Mar 03 j 11:20	29°♒20'08	3°01'29
minimum elong	-1546 Mar 03 j 15:42	29°♒12'00	3°00'31
min. Earth dist.	-1546 Mar 06 j 18:54	26°♒53'24	0.57696 AU
morning rise	-1546 Mar 11 j 10:30	24°♒07'43	
desc. node	-1546 Mar 15 j 18:38	22°♒54'22	
direct	-1546 Mar 17 j 01:24	22°♒50'18	
	-1546 Mar 31 j 00:46	0°♓	
morning max el	-1546 Mar 31 j 09:04	0°♓19'54	26°09'00
	-1546 Apr 21 j 04:14	0°♈	
morning set	-1546 Apr 28 j 18:09	14°♈59'17	
asc. node	-1546 May 02 j 00:29	21°♈57'29	
superior conj	-1546 May 05 j 19:16	0°♉13'07	0°38'59
minimum elong	-1546 May 05 j 17:38	0°♉04'11	0°38'40
	-1546 May 05 j 16:53	0°♉	
max. Earth dist.	-1546 May 06 j 07:06	1°♉17'51	1.32574 AU
evening rise	-1546 May 12 j 20:50	15°♉24'03	
	-1546 May 20 j 07:13	0°♊	
	-1546 Jun 09 j 12:49	0°♋	
desc. node	-1546 Jun 11 j 17:51	2°♋18'23	
evening max el	-1546 Jun 12 j 12:58	3°♋04'53	26°57'01
retrograde	-1546 Jun 26 j 11:57	10°♋23'12	
evening set	-1546 Jul 03 j 09:41	8°♋16'00	
min. Earth dist.	-1546 Jul 07 j 02:40	5°♋34'57	0.60942 AU
inferior conj	-1546 Jul 10 j 08:49	2°♋47'34	-4°-26'-49
minimum elong	-1546 Jul 10 j 11:28	2°♋41'51	4°26'32
	-1546 Jul 13 j 20:25	30°℞♊	
morning rise	-1546 Jul 17 j 16:16	27°♊58'32	
direct	-1546 Jul 20 j 03:21	27°♊34'20	
	-1546 Jul 26 j 01:09	0°♋	
morning max el	-1546 Jul 27 j 06:15	1°♋04'46	18°03'56
asc. node	-1546 Jul 28 j 23:42	2°♋55'21	
morning set	-1546 Aug 12 j 03:52	26°♋11'04	
	-1546 Aug 14 j 05:14	0°♌	

superior conj	-1546 Aug 22 j 05:54	14°♌35'40	1°33'40
minimum elong	-1546 Aug 22 j 09:50	14°♌53'08	1°33'22
max. Earth dist.	-1546 Aug 29 j 19:58	27°♌38'52	1.41779 AU
	-1546 Aug 31 j 05:56	0°♍	
evening rise	-1546 Sep 04 j 16:13	7°♍12'11	
desc. node	-1546 Sep 07 j 17:13	12°♍01'23	
	-1546 Sep 19 j 15:00	0°♎	
greatest brilliancy	-1546 Oct 02 j 22:46	18°♎03'14	-0.3m
evening max el	-1546 Oct 07 j 17:04	23°♎24'19	22°27'19
retrograde	-1546 Oct 17 j 08:37	29°♎08'33	
evening set	-1546 Oct 21 j 21:27	27°♎19'35	
asc. node	-1546 Oct 24 j 22:51	24°♎05'36	
inferior conj	-1546 Oct 27 j 06:29	20°♎58'49	0°47'35
minimum elong	-1546 Oct 27 j 05:24	21°♎02'35	0°47'06
min. Earth dist.	-1546 Oct 27 j 04:50	21°♎04'31	0.67555 AU
morning rise	-1546 Nov 01 j 13:14	14°♎44'12	
direct	-1546 Nov 06 j 01:59	12°♎54'07	
morning max el	-1546 Nov 15 j 11:48	18°♎28'38	22°14'59
greatest brilliancy	-1546 Nov 20 j 04:14	23°♎45'18	-0.3m
	-1546 Nov 25 j 00:33	0°♏	
desc. node	-1546 Dec 04 j 16:33	13°♏42'33	
	-1546 Dec 15 j 08:09	0°♐	
morning set	-1546 Dec 18 j 14:14	5°♐12'06	
max. Earth dist.	-1546 Dec 24 j 06:15	14°♐32'43	1.40927 AU
superior conj	-1545 Jan 01 j 00:43	28°♐00'23	-1°-59'-21
minimum elong	-1545 Jan 01 j 00:42	28°♐00'19	1°59'24
	-1545 Jan 02 j 03:26	0°♑	
evening rise	-1545 Jan 11 j 07:29	16°♑54'49	
	-1545 Jan 18 j 11:28	0°♒	
asc. node	-1545 Jan 20 j 22:10	4°♒05'29	
evening max el	-1545 Jan 27 j 13:23	12°♒52'05	18°16'46
retrograde	-1545 Feb 03 j 16:11	16°♒25'01	
evening set	-1545 Feb 06 j 04:47	15°♒59'11	
inferior conj	-1545 Feb 13 j 07:07	11°♒15'44	3°43'11
minimum elong	-1545 Feb 13 j 09:26	11°♒10'43	3°42'54
min. Earth dist.	-1545 Feb 16 j 16:11	8°♒21'37	0.59705 AU
morning rise	-1545 Feb 20 j 10:44	5°♒39'52	
direct	-1545 Feb 26 j 23:16	3°♒43'47	
desc. node	-1545 Mar 02 j 15:42	4°♒19'04	
morning max el	-1545 Mar 13 j 05:53	11°♒26'38	27°13'31
	-1545 Mar 27 j 17:55	0°♓	
morning set	-1545 Apr 13 j 03:19	29°♓49'17	
	-1545 Apr 13 j 05:22	0°♈	
asc. node	-1545 Apr 18 j 21:32	12°♈08'56	
superior conj	-1545 Apr 20 j 07:01	15°♈12'10	0°14'42
minimum elong	-1545 Apr 20 j 06:21	15°♈08'34	0°14'34
behind sun begin	-1545 Apr 20 j 04:25	14°♈57'55	
behind sun end	-1545 Apr 20 j 08:18	15°♈19'12	
max. Earth dist.	-1545 Apr 19 j 20:06	14°♈12'21	1.32425 AU
evening rise	-1545 Apr 27 j 06:12	0°♉16'56	
	-1545 Apr 27 j 02:59	0°♉	
	-1545 May 13 j 14:57	0°♊	
evening max el	-1545 May 25 j 11:21	14°♊39'28	25°58'33
desc. node	-1545 May 29 j 14:53	18°♊08'42	
retrograde	-1545 Jun 08 j 13:08	21°♊53'59	
evening set	-1545 Jun 14 j 15:18	20°♊23'49	
min. Earth dist.	-1545 Jun 18 j 23:59	17°♊43'44	0.58879 AU
inferior conj	-1545 Jun 22 j 08:00	15°♊14'56	-4°-34'-29
minimum elong	-1545 Jun 22 j 07:16	15°♊16'18	4°34'27
morning rise	-1545 Jun 30 j 02:59	10°♊48'28	
direct	-1545 Jul 02 j 14:31	10°♊27'54	
morning max el	-1545 Jul 10 j 14:08	14°♊15'36	18°33'29
asc. node	-1545 Jul 15 j 20:47	20°♊41'44	
	-1545 Jul 21 j 11:17	0°♋	
morning set	-1545 Jul 26 j 18:29	9°♋59'45	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1545 Aug 04 j 17:51	27°♋10'17	1°45'50
minimum elong	-1545 Aug 04 j 19:26	27°♋17'38	1°45'49
	-1545 Aug 06 j 06:28	0°♌	
max. Earth dist.	-1545 Aug 12 j 00:05	10°♌17'33	1.39843 AU
evening rise	-1545 Aug 16 j 07:14	17°♌39'04	
	-1545 Aug 23 j 22:02	0°♍	
desc. node	-1545 Aug 25 j 14:14	2°♍36'22	
	-1545 Sep 14 j 02:41	0°♎	
evening max el	-1545 Sep 20 j 06:28	6°♎54'30	23°47'43
retrograde	-1545 Oct 01 j 00:51	13°♎15'20	
evening set	-1545 Oct 06 j 03:44	11°♎07'45	
min. Earth dist.	-1545 Oct 11 j 01:19	5°♎25'24	0.67487 AU
inferior conj	-1545 Oct 11 j 13:11	4°♎44'56	0°-5'-48
minimum elong	-1545 Oct 11 j 13:20	4°♎44'28	0°05'46
transit middle	-1545 Oct 11 j 13:20	4°♎44'28	0°05'46
transit begin	-1545 Oct 11 j 10:47	4°♎53'07	
transit end	-1545 Oct 11 j 15:52	4°♎35'48	
asc. node	-1545 Oct 11 j 19:56	4°♎22'00	
	-1545 Oct 15 j 08:49	30°℞♍	
morning rise	-1545 Oct 16 j 23:05	28°♍34'29	
direct	-1545 Oct 20 j 22:07	27°♍05'52	
	-1545 Oct 27 j 03:14	0°♎	
morning max el	-1545 Oct 29 j 05:38	1°♎57'33	20°55'06
greatest brilliancy	-1545 Nov 03 j 23:20	8°♎41'03	-0.5m
	-1545 Nov 18 j 21:49	0°♏	
desc. node	-1545 Nov 21 j 13:35	4°♏01'15	
morning set	-1545 Nov 27 j 19:25	13°♏38'32	
max. Earth dist.	-1545 Dec 06 j 10:28	27°♏22'25	1.42788 AU
	-1545 Dec 08 j 01:04	0°♐	
superior conj	-1545 Dec 13 j 07:19	8°♐45'21	-1°-52'-5
minimum elong	-1545 Dec 13 j 03:02	8°♐27'15	1°51'54
evening rise	-1545 Dec 25 j 02:44	29°♐21'24	
	-1545 Dec 25 j 11:23	0°♑	
asc. node	-1544 Jan 07 j 19:12	22°♑09'48	
evening max el	-1544 Jan 11 j 00:30	25°♑57'26	18°07'49
retrograde	-1544 Jan 17 j 15:18	29°♑23'19	
evening set	-1544 Jan 20 j 07:42	28°♑49'14	
inferior conj	-1544 Jan 26 j 21:07	23°♑44'12	3°55'27
minimum elong	-1544 Jan 26 j 21:00	23°♑44'29	3°55'25
min. Earth dist.	-1544 Jan 29 j 20:44	20°♑47'33	0.61762 AU
morning rise	-1544 Feb 02 j 07:55	17°♑53'02	
direct	-1544 Feb 09 j 07:20	15°♑24'33	
desc. node	-1544 Feb 17 j 12:46	18°♑20'41	
morning max el	-1544 Feb 23 j 08:46	23°♑12'58	27°43'41
	-1544 Feb 29 j 10:41	0°♒	
	-1544 Mar 19 j 21:54	0°♓	
morning set	-1544 Mar 27 j 08:10	14°♓23'42	
max. Earth dist.	-1544 Apr 02 j 07:01	26°♓57'01	1.32641 AU
superior conj	-1544 Apr 03 j 17:35	0°♈04'31	0°-10'-58
minimum elong	-1544 Apr 03 j 18:05	0°♈07'17	0°10'52
behind sun begin	-1544 Apr 03 j 14:21	29°♓46'56	
behind sun end	-1544 Apr 03 j 21:50	0°♈27'39	
	-1544 Apr 03 j 16:45	0°♈	
asc. node	-1544 Apr 04 j 18:35	2°♈20'41	
evening rise	-1544 Apr 10 j 17:38	15°♈12'56	
	-1544 Apr 18 j 03:55	0°♉	
evening max el	-1544 May 06 j 04:05	25°♉35'34	24°35'36
	-1544 May 11 j 17:41	0°♊	
desc. node	-1544 May 15 j 11:56	1°♊49'30	
retrograde	-1544 May 20 j 03:04	2°♊38'42	
evening set	-1544 May 24 j 22:28	1°♊46'33	
	-1544 May 28 j 17:46	30°℞♉	
min. Earth dist.	-1544 May 30 j 15:50	28°♉51'01	0.56992 AU
inferior conj	-1544 Jun 02 j 11:26	27°♉01'45	-4°-8'-59
minimum elong	-1544 Jun 02 j 06:30	27°♉09'48	4°08'12
morning rise	-1544 Jun 10 j 18:26	22°♉55'05	
direct	-1544 Jun 13 j 07:34	22°♉37'01	
morning max el	-1544 Jun 22 j 13:48	26°♉55'24	19°23'43
	-1544 Jun 25 j 10:50	0°♊	
asc. node	-1544 Jul 01 j 17:51	9°♊13'19	
morning set	-1544 Jul 09 j 18:02	24°♊16'23	
	-1544 Jul 12 j 14:39	0°♋	
superior conj	-1544 Jul 17 j 22:41	10°♋36'13	1°47'42
minimum elong	-1544 Jul 17 j 22:12	10°♋33'50	1°47'43
max. Earth dist.	-1544 Jul 24 j 02:43	22°♋20'01	1.37866 AU
evening rise	-1544 Jul 27 j 23:27	29°♋18'30	
	-1544 Jul 28 j 08:51	0°♌	
desc. node	-1544 Aug 11 j 11:15	22°♌59'06	
	-1544 Aug 16 j 06:01	0°♍	
evening max el	-1544 Sep 01 j 17:56	20°♍28'16	25°05'20
retrograde	-1544 Sep 13 j 12:51	27°♍18'16	
evening set	-1544 Sep 19 j 06:43	24°♍53'02	
min. Earth dist.	-1544 Sep 23 j 19:35	19°♍46'01	0.67108 AU
inferior conj	-1544 Sep 24 j 18:05	18°♍32'07	-1°00'-37
minimum elong	-1544 Sep 24 j 19:34	18°♍27'14	1°00'00
asc. node	-1544 Sep 27 j 16:59	14°♍52'43	
morning rise	-1544 Sep 30 j 08:53	12°♍29'00	
direct	-1544 Oct 03 j 20:09	11°♍19'21	
morning max el	-1544 Oct 11 j 06:57	15°♍35'48	19°47'08
greatest brilliancy	-1544 Oct 19 j 05:33	25°♍32'07	-0.6m
	-1544 Oct 22 j 07:58	0°♎	
morning set	-1544 Nov 05 j 16:50	21°♎50'33	
desc. node	-1544 Nov 07 j 10:36	24°♎32'25	
	-1544 Nov 10 j 22:43	0°♏	
max. Earth dist.	-1544 Nov 17 j 22:20	11°♏00'25	1.44164 AU
superior conj	-1544 Nov 22 j 10:44	18°♏14'41	-1°-27'-36
minimum elong	-1544 Nov 22 j 03:03	17°♏43'40	1°26'54
	-1544 Nov 29 j 15:01	0°♐	
evening rise	-1544 Dec 06 j 03:11	10°♐56'03	
	-1544 Dec 17 j 14:04	0°♑	
evening max el	-1544 Dec 24 j 13:05	9°♑14'50	18°17'57
asc. node	-1544 Dec 24 j 16:14	9°♑22'46	
retrograde	-1544 Dec 31 j 01:22	12°♑46'18	
evening set	-1543 Jan 02 j 21:56	12°♑02'57	
inferior conj	-1543 Jan 09 j 01:23	6°♑37'30	3°46'24
minimum elong	-1543 Jan 08 j 23:30	6°♑42'42	3°46'10
min. Earth dist.	-1543 Jan 11 j 10:34	3°♑59'00	0.63611 AU
morning rise	-1543 Jan 14 j 23:31	0°♑36'06	
	-1543 Jan 15 j 18:39	30°℞♐	
direct	-1543 Jan 21 j 23:11	27°♐49'07	
	-1543 Jan 28 j 18:09	0°♑	
desc. node	-1543 Feb 03 j 09:48	4°♑23'38	
morning max el	-1543 Feb 04 j 16:17	5°♑37'03	27°37'21
	-1543 Feb 23 j 05:36	0°♒	
morning set	-1543 Mar 11 j 06:17	28°♒34'26	
	-1543 Mar 11 j 23:25	0°♓	
max. Earth dist.	-1543 Mar 16 j 12:02	9°♓19'09	1.33244 AU
superior conj	-1543 Mar 19 j 01:12	14°♓44'06	0°-37'-7
minimum elong	-1543 Mar 19 j 02:56	14°♓53'22	0°36'47
asc. node	-1543 Mar 22 j 15:36	22°♓28'43	
evening rise	-1543 Mar 26 j 05:17	0°♈05'37	
	-1543 Mar 26 j 04:14	0°♈	
	-1543 Apr 12 j 07:33	0°♉	
evening max el	-1543 Apr 17 j 19:33	6°♉13'55	23°01'16
retrograde	-1543 May 01 j 04:06	12°♉50'45	
desc. node	-1543 May 02 j 08:58	12°♉47'32	
evening set	-1543 May 04 j 14:32	12°♉24'58	
min. Earth dist.	-1543 May 12 j 05:13	9°♉01'51	0.55621 AU
inferior conj	-1543 May 13 j 19:36	8°♉06'10	-3°00'-41

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1543 May 13 j 12:53	8°♉15'58	2°58'50
morning rise	-1543 May 22 j 14:10	4°♉11'01	
direct	-1543 May 25 j 06:28	3°♉53'53	
morning max el	-1543 Jun 05 j 03:06	8°♉56'26	20°34'26
asc. node	-1543 Jun 18 j 14:54	28°♉19'30	
	-1543 Jun 19 j 12:10	0°♊	
morning set	-1543 Jun 23 j 23:43	8°♊53'50	
superior conj	-1543 Jul 01 j 15:37	24°♊40'21	1°41'35
minimum elong	-1543 Jul 01 j 13:47	24°♊30'57	1°41'29
	-1543 Jul 04 j 07:07	0°♋	
max. Earth dist.	-1543 Jul 06 j 09:45	4°♋09'17	1.36076 AU
evening rise	-1543 Jul 10 j 13:04	12°♋01'32	
	-1543 Jul 20 j 20:52	0°♌	
desc. node	-1543 Jul 29 j 08:17	13°♌03'42	
	-1543 Aug 11 j 08:42	0°♍	
evening max el	-1543 Aug 15 j 05:19	4°♍03'14	26°12'20
retrograde	-1543 Aug 27 j 20:02	11°♍12'30	
evening set	-1543 Sep 03 j 04:28	8°♍33'17	
min. Earth dist.	-1543 Sep 07 j 09:11	4°♍03'53	0.66396 AU
inferior conj	-1543 Sep 08 j 19:20	2°♍17'58	-1°-55'-10
minimum elong	-1543 Sep 08 j 22:08	2°♍09'15	1°54'04
	-1543 Sep 10 j 17:06	30°℞♌	
morning rise	-1543 Sep 14 j 16:42	26°♌25'25	
asc. node	-1543 Sep 14 j 14:03	26°♌29'21	
direct	-1543 Sep 17 j 18:24	25°♌31'27	
morning max el	-1543 Sep 24 j 15:10	29°♌22'08	18°53'55
	-1543 Sep 25 j 05:40	0°♍	
	-1543 Oct 15 j 16:13	0°♎	
morning set	-1543 Oct 16 j 06:28	0°♎56'19	
desc. node	-1543 Oct 25 j 07:37	15°♎12'05	
max. Earth dist.	-1543 Oct 31 j 15:31	25°♎09'26	1.44877 AU
superior conj	-1543 Nov 01 j 15:55	26°♎45'33	0°-46'-22
minimum elong	-1543 Nov 01 j 10:03	26°♎22'29	0°45'39
	-1543 Nov 03 j 17:13	0°♏	
evening rise	-1543 Nov 17 j 04:52	21°♏32'22	
	-1543 Nov 22 j 10:18	0°♐	
evening max el	-1543 Dec 08 j 00:30	22°♐38'43	18°46'12
asc. node	-1543 Dec 11 j 13:15	25°♐30'28	
retrograde	-1543 Dec 14 j 18:18	26°♐26'20	
evening set	-1543 Dec 17 j 20:10	25°♐32'20	
inferior conj	-1543 Dec 23 j 16:14	19°♐48'58	3°22'18
minimum elong	-1543 Dec 23 j 13:28	19°♐57'23	3°21'43
min. Earth dist.	-1543 Dec 25 j 10:14	17°♐41'19	0.65122 AU
morning rise	-1543 Dec 29 j 05:42	13°♐40'16	
direct	-1542 Jan 04 j 21:42	10°♐49'44	
morning max el	-1542 Jan 18 j 01:56	18°♐29'17	26°57'54
desc. node	-1542 Jan 21 j 06:50	21°♐54'06	
	-1542 Jan 27 j 20:28	0°♑	
	-1542 Feb 16 j 04:04	0°♒	
morning set	-1542 Feb 22 j 18:26	12°♒10'32	
max. Earth dist.	-1542 Feb 27 j 07:23	21°♒07'59	1.34277 AU
superior conj	-1542 Mar 03 j 03:49	29°♒03'26	-1°-2'-39
minimum elong	-1542 Mar 03 j 06:38	29°♒18'13	1°02'11
	-1542 Mar 03 j 14:38	0°♓	
asc. node	-1542 Mar 09 j 12:37	12°♓28'05	
evening rise	-1542 Mar 10 j 15:20	14°♓47'37	
	-1542 Mar 18 j 10:07	0°♈	
evening max el	-1542 Mar 30 j 16:18	17°♈01'56	21°29'44
retrograde	-1542 Apr 11 j 19:17	22°♈54'43	
evening set	-1542 Apr 14 j 07:01	22°♈40'38	
desc. node	-1542 Apr 19 j 06:00	20°♈59'28	
inferior conj	-1542 Apr 23 j 15:25	18°♈39'38	-1°-14'-12
minimum elong	-1542 Apr 23 j 11:57	18°♈44'30	1°13'00
min. Earth dist.	-1542 Apr 23 j 18:22	18°♈35'30	0.55057 AU

morning rise	-1542 May 02 j 17:19	14°♈39'39	
direct	-1542 May 05 j 17:55	14°♈19'39	
morning max el	-1542 May 18 j 05:33	20°♈14'56	22°02'59
	-1542 May 26 j 07:41	0°♉	
asc. node	-1542 Jun 05 j 11:56	17°♉50'48	
morning set	-1542 Jun 08 j 09:19	23°♉44'38	
	-1542 Jun 11 j 08:47	0°♊	
superior conj	-1542 Jun 15 j 16:55	9°♊10'37	1°29'21
minimum elong	-1542 Jun 15 j 14:26	8°♊57'35	1°29'05
max. Earth dist.	-1542 Jun 19 j 01:23	16°♊07'58	1.34611 AU
evening rise	-1542 Jun 23 j 18:55	25°♊33'28	
	-1542 Jun 26 j 02:50	0°♋	
	-1542 Jul 14 j 07:12	0°♌	
desc. node	-1542 Jul 16 j 05:18	2°♌41'31	
evening max el	-1542 Jul 28 j 16:55	17°♌31'33	27°01'01
retrograde	-1542 Aug 10 j 22:05	24°♌50'47	
evening set	-1542 Aug 17 j 18:37	22°♌04'47	
min. Earth dist.	-1542 Aug 21 j 15:51	18°♌13'30	0.65316 AU
inferior conj	-1542 Aug 23 j 14:51	15°♌58'34	-2°-47'-23
minimum elong	-1542 Aug 23 j 18:45	15°♌47'22	2°46'05
morning rise	-1542 Aug 29 j 20:15	10°♌19'48	
asc. node	-1542 Sep 01 j 11:06	9°♌38'07	
direct	-1542 Sep 01 j 14:44	9°♌37'59	
morning max el	-1542 Sep 08 j 04:15	13°♌12'12	18°17'01
	-1542 Sep 20 j 01:02	0°♍	
morning set	-1542 Sep 26 j 23:45	11°♍23'58	
	-1542 Oct 08 j 10:53	0°♎	
superior conj	-1542 Oct 11 j 17:12	5°♎11'27	0°03'07
minimum elong	-1542 Oct 11 j 17:36	5°♎13'01	0°03'04
behind sun begin	-1542 Oct 11 j 06:40	4°♎29'43	
behind sun end	-1542 Oct 12 j 04:31	5°♎56'16	
desc. node	-1542 Oct 12 j 04:39	5°♎56'50	
max. Earth dist.	-1542 Oct 14 j 10:09	9°♎28'06	1.44852 AU
	-1542 Oct 27 j 12:47	0°♏	
evening rise	-1542 Oct 28 j 06:41	1°♏09'48	
greatest brilliancy	-1542 Nov 12 j 17:09	24°♏52'59	-0.7m
	-1542 Nov 16 j 08:01	0°♐	
evening max el	-1542 Nov 21 j 08:31	6°♐05'36	19°31'15
asc. node	-1542 Nov 28 j 10:17	10°♐18'03	
retrograde	-1542 Nov 28 j 14:53	10°♐18'15	
evening set	-1542 Dec 01 j 23:46	9°♐11'47	
inferior conj	-1542 Dec 07 j 14:34	3°♐13'36	2°47'35
minimum elong	-1542 Dec 07 j 11:39	3°♐23'05	2°46'43
min. Earth dist.	-1542 Dec 08 j 18:33	1°♐42'39	0.66256 AU
	-1542 Dec 10 j 03:15	30°℞♏	
morning rise	-1542 Dec 12 j 22:48	27°♏00'04	
direct	-1542 Dec 19 j 02:22	24°♏18'12	
	-1542 Dec 29 j 19:01	0°♐	
morning max el	-1542 Dec 31 j 11:22	1°♐37'22	25°52'49
desc. node	-1541 Jan 08 j 03:53	10°♐26'40	
	-1541 Jan 21 j 22:26	0°♑	
morning set	-1541 Feb 05 j 16:23	24°♑59'39	
	-1541 Feb 08 j 08:41	0°♒	
max. Earth dist.	-1541 Feb 09 j 14:47	2°♒23'40	1.35762 AU
superior conj	-1541 Feb 14 j 22:57	12°♒55'29	-1°-26'-2
minimum elong	-1541 Feb 15 j 02:28	13°♒13'13	1°25'35
evening rise	-1541 Feb 22 j 21:51	29°♒12'55	
	-1541 Feb 23 j 07:05	0°♓	
asc. node	-1541 Feb 24 j 09:39	2°♓14'19	
evening max el	-1541 Mar 12 j 23:14	28°♓21'48	20°11'20
	-1541 Mar 14 j 20:15	0°♈	
retrograde	-1541 Mar 23 j 10:13	3°♈21'40	
evening set	-1541 Mar 25 j 14:30	3°♈09'35	
	-1541 Apr 02 j 03:13	30°℞♓	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1541 Apr 03 j 12:34	29°♓10'42	0°43'45
minimum elong	-1541 Apr 03 j 14:30	29°♓07'49	0°43'06
min. Earth dist.	-1541 Apr 05 j 08:31	28°♓05'11	0.55446 AU
desc. node	-1541 Apr 06 j 03:01	27°♓38'15	
morning rise	-1541 Apr 12 j 11:55	24°♓47'04	
direct	-1541 Apr 16 j 07:36	24°♓15'07	
	-1541 Apr 28 j 21:35	0°♈	
morning max el	-1541 Apr 29 j 23:35	0°♈59'27	23°42'08
	-1541 May 19 j 14:07	0°♉	
asc. node	-1541 May 23 j 08:59	7°♉40'24	
morning set	-1541 May 23 j 20:58	8°♉43'00	
superior conj	-1541 May 30 j 23:46	23°♉58'14	1°12'28
minimum elong	-1541 May 30 j 21:15	23°♉44'43	1°12'05
max. Earth dist.	-1541 Jun 02 j 02:26	28°♉28'57	1.33527 AU
	-1541 Jun 02 j 19:39	0°♊	
evening rise	-1541 Jun 07 j 12:34	9°♊41'34	
	-1541 Jun 18 j 12:01	0°♋	
desc. node	-1541 Jul 03 j 02:19	21°♋41'15	
	-1541 Jul 10 j 10:08	0°♌	
evening max el	-1541 Jul 11 j 03:43	0°♌42'46	27°24'14
retrograde	-1541 Jul 24 j 18:32	8°♌04'27	
evening set	-1541 Jul 31 j 22:10	5°♌22'53	
min. Earth dist.	-1541 Aug 04 j 13:40	2°♌06'29	0.63864 AU
	-1541 Aug 06 j 14:19	30°℞♋	
inferior conj	-1541 Aug 07 j 02:09	29°♋28'57	-3°-34'-28
minimum elong	-1541 Aug 07 j 06:33	29°♋17'30	3°33'20
morning rise	-1541 Aug 13 j 16:54	24°♋07'04	
direct	-1541 Aug 16 j 06:36	23°♋34'07	
asc. node	-1541 Aug 19 j 08:11	24°♋21'18	
morning max el	-1541 Aug 22 j 19:34	27°♋00'12	17°57'23
	-1541 Aug 25 j 10:29	0°♌	
morning set	-1541 Sep 08 j 19:28	23°♌07'20	
	-1541 Sep 12 j 19:36	0°♍	
superior conj	-1541 Sep 21 j 11:52	14°♍31'04	0°48'12
minimum elong	-1541 Sep 21 j 16:39	14°♍50'39	0°47'35
max. Earth dist.	-1541 Sep 27 j 02:52	23°♍36'45	1.44115 AU
desc. node	-1541 Sep 29 j 01:41	26°♍42'57	
	-1541 Oct 01 j 03:37	0°♎	
evening rise	-1541 Oct 07 j 15:09	10°♎05'19	
	-1541 Oct 20 j 18:45	0°♏	
greatest brilliancy	-1541 Oct 29 j 07:52	12°♏08'29	-0.5m
evening max el	-1541 Nov 04 j 11:26	19°♏32'47	20°31'08
retrograde	-1541 Nov 12 j 12:24	24°♏17'31	
asc. node	-1541 Nov 15 j 07:21	23°♏32'52	
evening set	-1541 Nov 16 j 06:28	22°♏56'16	
inferior conj	-1541 Nov 21 j 17:49	16°♏46'42	2°05'08
minimum elong	-1541 Nov 21 j 15:18	16°♏55'13	2°04'13
min. Earth dist.	-1541 Nov 22 j 09:23	15°♏53'55	0.67026 AU
morning rise	-1541 Nov 26 j 23:37	10°♏30'47	
direct	-1541 Dec 02 j 12:25	8°♏06'01	
morning max el	-1541 Dec 13 j 19:48	14°♏50'40	24°31'36
desc. node	-1541 Dec 26 j 00:56	29°♏42'35	
	-1541 Dec 26 j 06:01	0°♐	
	-1540 Jan 14 j 20:06	0°♑	
morning set	-1540 Jan 18 j 18:25	6°♑45'03	
max. Earth dist.	-1540 Jan 22 j 12:20	13°♑26'05	1.37643 AU
superior conj	-1540 Jan 29 j 07:18	26°♑10'44	-1°-45'-10
minimum elong	-1540 Jan 29 j 10:39	26°♑26'56	1°44'55
	-1540 Jan 31 j 06:23	0°♒	
evening rise	-1540 Feb 06 j 22:30	13°♒14'23	
asc. node	-1540 Feb 11 j 06:40	21°♒41'33	
	-1540 Feb 15 j 22:31	0°♓	
evening max el	-1540 Feb 23 j 17:08	10°♓19'13	19°11'09
retrograde	-1540 Mar 03 j 12:52	14°♓32'50	
evening set	-1540 Mar 05 j 19:14	14°♓17'21	
inferior conj	-1540 Mar 14 j 00:01	10°♓06'16	2°21'18
minimum elong	-1540 Mar 14 j 04:36	9°♓58'28	2°20'02
min. Earth dist.	-1540 Mar 16 j 23:54	8°♓04'53	0.56698 AU
morning rise	-1540 Mar 22 j 09:57	5°♓10'59	
desc. node	-1540 Mar 23 j 00:03	4°♓58'22	
direct	-1540 Mar 27 j 09:20	4°♓13'22	
morning max el	-1540 Apr 10 j 14:19	11°♓31'08	25°19'37
	-1540 Apr 24 j 18:10	0°♈	
morning set	-1540 May 07 j 09:01	23°♈43'12	
asc. node	-1540 May 09 j 06:04	27°♈42'30	
	-1540 May 10 j 07:36	0°♉	
superior conj	-1540 May 14 j 09:59	8°♉55'42	0°52'01
minimum elong	-1540 May 14 j 07:55	8°♉44'27	0°51'39
max. Earth dist.	-1540 May 15 j 11:01	11°♉12'00	1.32818 AU
evening rise	-1540 May 21 j 14:28	24°♉14'46	
	-1540 May 24 j 11:00	0°♊	
	-1540 Jun 11 j 05:03	0°♋	
desc. node	-1540 Jun 18 j 23:19	9°♋47'07	
evening max el	-1540 Jun 22 j 11:43	13°♋25'09	27°16'35
retrograde	-1540 Jul 06 j 08:32	20°♋44'44	
evening set	-1540 Jul 13 j 11:20	18°♋21'22	
min. Earth dist.	-1540 Jul 17 j 01:33	15°♋31'11	0.62077 AU
inferior conj	-1540 Jul 20 j 02:19	12°♋42'49	-4°-12'-3
minimum elong	-1540 Jul 20 j 06:04	12°♋34'05	4°11'26
morning rise	-1540 Jul 27 j 03:24	7°♋40'46	
direct	-1540 Jul 29 j 14:47	7°♋13'56	
asc. node	-1540 Aug 05 j 05:17	10°♋28'08	
morning max el	-1540 Aug 05 j 10:18	10°♋40'17	17°56'00
	-1540 Aug 18 j 06:05	0°♌	
morning set	-1540 Aug 21 j 12:04	5°♌51'12	
superior conj	-1540 Sep 01 j 09:48	25°♌11'45	1°21'00
minimum elong	-1540 Sep 01 j 14:48	25°♌33'12	1°20'31
	-1540 Sep 04 j 05:31	0°♍	
max. Earth dist.	-1540 Sep 08 j 15:42	7°♍21'13	1.42769 AU
desc. node	-1540 Sep 14 j 22:43	17°♍27'44	
evening rise	-1540 Sep 15 j 23:05	19°♍03'32	
	-1540 Sep 23 j 01:38	0°♎	
greatest brilliancy	-1540 Oct 12 j 11:23	27°♎25'46	-0.4m
	-1540 Oct 14 j 14:35	0°♏	
evening max el	-1540 Oct 17 j 08:31	3°♏00'27	21°42'40
retrograde	-1540 Oct 26 j 08:56	8°♏21'56	
evening set	-1540 Oct 30 j 14:22	6°♏43'37	
asc. node	-1540 Nov 01 j 04:25	5°♏15'42	
inferior conj	-1540 Nov 04 j 23:50	0°♏26'06	1°17'06
minimum elong	-1540 Nov 04 j 22:08	0°♏31'57	1°16'23
min. Earth dist.	-1540 Nov 05 j 04:16	0°♏10'48	0.67459 AU
	-1540 Nov 05 j 07:24	30°℞♎	
morning rise	-1540 Nov 10 j 05:39	24°♎10'21	
direct	-1540 Nov 15 j 03:06	22°♎07'07	
morning max el	-1540 Nov 25 j 05:16	28°♎07'28	23°04'19
	-1540 Nov 26 j 23:55	0°♏	
greatest brilliancy	-1540 Nov 30 j 02:57	3°♏37'24	-0.3m
desc. node	-1540 Dec 11 j 22:00	19°♏29'31	
	-1540 Dec 18 j 23:37	0°♐	
morning set	-1540 Dec 29 j 18:17	17°♐10'45	
max. Earth dist.	-1539 Jan 03 j 07:39	24°♐53'50	1.39740 AU
	-1539 Jan 06 j 05:45	0°♑	
superior conj	-1539 Jan 11 j 00:35	8°♑38'05	-1°-57'-10
minimum elong	-1539 Jan 11 j 02:21	8°♑46'09	1°57'08
evening rise	-1539 Jan 20 j 14:33	26°♑45'19	
	-1539 Jan 22 j 07:20	0°♒	
asc. node	-1539 Jan 28 j 03:43	10°♒43'24	
evening max el	-1539 Feb 05 j 20:00	22°♒49'35	18°30'50

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

retrograde	-1539 Feb 13 j 10:11	26°♒32'33	
evening set	-1539 Feb 15 j 20:45	26°♒10'47	
inferior conj	-1539 Feb 23 j 07:57	21°♒39'39	3°23'17
minimum elong	-1539 Feb 23 j 11:37	21°♒32'23	3°22'37
min. Earth dist.	-1539 Feb 26 j 17:56	18°♒58'26	0.58532 AU
morning rise	-1539 Mar 02 j 22:45	16°♒16'31	
direct	-1539 Mar 09 j 00:15	14°♒42'35	
desc. node	-1539 Mar 09 j 21:07	14°♒44'30	
morning max el	-1539 Mar 23 j 07:40	22°♒18'12	26°40'11
	-1539 Mar 30 j 02:54	0°♓	
	-1539 Apr 17 j 13:26	0°♈	
morning set	-1539 Apr 21 j 19:44	8°♈38'50	
asc. node	-1539 Apr 26 j 03:05	17°♈51'45	
superior conj	-1539 Apr 28 j 21:38	23°♈55'52	0°28'54
minimum elong	-1539 Apr 28 j 20:23	23°♈49'01	0°28'40
max. Earth dist.	-1539 Apr 28 j 23:39	24°♈06'54	1.32472 AU
	-1539 May 01 j 16:12	0°♉	
evening rise	-1539 May 05 j 21:47	9°♉03'01	
	-1539 May 16 j 20:34	0°♊	
evening max el	-1539 Jun 04 j 14:11	25°♊26'15	26°35'50
desc. node	-1539 Jun 05 j 20:22	26°♊35'44	
	-1539 Jun 10 j 07:50	0°♋	
retrograde	-1539 Jun 18 j 14:30	2°♋42'26	
evening set	-1539 Jun 25 j 05:33	0°♋50'20	
	-1539 Jun 26 j 15:05	30°℞♊	
min. Earth dist.	-1539 Jun 29 j 03:30	28°♊11'52	0.60066 AU
inferior conj	-1539 Jul 02 j 11:40	25°♊30'05	-4°-33'-22
minimum elong	-1539 Jul 02 j 13:06	25°♊27'11	4°33'18
morning rise	-1539 Jul 09 j 23:55	20°♊50'21	
direct	-1539 Jul 12 j 11:08	20°♊27'44	
morning max el	-1539 Jul 19 j 21:30	24°♊03'56	18°13'59
asc. node	-1539 Jul 23 j 02:22	27°♊42'17	
	-1539 Jul 24 j 18:15	0°♋	
morning set	-1539 Aug 04 j 19:56	19°♋19'37	
	-1539 Aug 10 j 12:04	0°♌	
superior conj	-1539 Aug 14 j 09:26	7°♌08'54	1°40'15
minimum elong	-1539 Aug 14 j 12:24	7°♌22'18	1°40'05
max. Earth dist.	-1539 Aug 21 j 23:16	20°♌27'16	1.40983 AU
evening rise	-1539 Aug 26 j 23:58	28°♌49'53	
	-1539 Aug 27 j 17:12	0°♍	
desc. node	-1539 Sep 01 j 19:44	8°♍07'14	
	-1539 Sep 16 j 15:54	0°♎	
greatest brilliancy	-1539 Sep 24 j 17:21	10°♎33'08	-0.2m
evening max el	-1539 Sep 30 j 00:12	16°♎28'51	23°01'25
retrograde	-1539 Oct 10 j 02:57	22°♎28'32	
evening set	-1539 Oct 14 j 21:43	20°♎31'33	
asc. node	-1539 Oct 19 j 01:30	15°♎49'45	
inferior conj	-1539 Oct 20 j 06:46	14°♎09'39	0°25'12
minimum elong	-1539 Oct 20 j 06:11	14°♎11'42	0°24'56
min. Earth dist.	-1539 Oct 20 j 00:45	14°♎30'22	0.67569 AU
morning rise	-1539 Oct 25 j 14:38	7°♎56'42	
direct	-1539 Oct 29 j 21:25	6°♎15'56	
morning max el	-1539 Nov 07 j 19:17	11°♎30'54	21°39'50
greatest brilliancy	-1539 Nov 12 j 18:34	17°♎11'11	-0.4m
	-1539 Nov 22 j 05:25	0°♏	
desc. node	-1539 Nov 28 j 19:04	9°♏38'26	
morning set	-1539 Dec 09 j 13:09	26°♏13'28	
	-1539 Dec 11 j 21:49	0°♐	
max. Earth dist.	-1539 Dec 16 j 08:08	7°♐13'57	1.41765 AU
superior conj	-1539 Dec 23 j 21:26	20°♐03'58	-1°-58'-10
minimum elong	-1539 Dec 23 j 19:44	19°♐56'33	1°58'11
	-1539 Dec 29 j 11:45	0°♑	
evening rise	-1538 Jan 03 j 18:34	9°♑38'03	
asc. node	-1538 Jan 15 j 00:46	29°♑11'44	
	-1538 Jan 15 j 13:48	0°♒	
evening max el	-1538 Jan 20 j 04:55	5°♒44'29	18°10'34
retrograde	-1538 Jan 27 j 01:19	9°♒12'53	
evening set	-1538 Jan 29 j 15:34	8°♒43'35	
inferior conj	-1538 Feb 05 j 11:58	3°♒50'31	3°51'29
minimum elong	-1538 Feb 05 j 13:13	3°♒47'40	3°51'23
min. Earth dist.	-1538 Feb 08 j 17:47	0°♒52'45	0.60589 AU
	-1538 Feb 09 j 18:38	30°℞♑	
morning rise	-1538 Feb 12 j 07:59	28°♑07'24	
direct	-1538 Feb 19 j 02:25	25°♑56'36	
desc. node	-1538 Feb 24 j 18:11	27°♑19'58	
	-1538 Mar 01 j 01:31	0°♒	
morning max el	-1538 Mar 05 j 07:13	3°♒41'51	27°30'58
	-1538 Mar 24 j 16:19	0°♓	
morning set	-1538 Apr 06 j 03:22	23°♓23'41	
	-1538 Apr 09 j 06:45	0°♈	
max. Earth dist.	-1538 Apr 12 j 12:30	7°♈00'35	1.32477 AU
superior conj	-1538 Apr 13 j 09:05	8°♈53'05	0°03'58
minimum elong	-1538 Apr 13 j 08:54	8°♈52'06	0°03'56
behind sun begin	-1538 Apr 13 j 04:00	8°♈25'18	
behind sun end	-1538 Apr 13 j 13:48	9°♈18'56	
asc. node	-1538 Apr 13 j 00:07	8°♈04'05	
evening rise	-1538 Apr 20 j 08:17	23°♈58'34	
	-1538 Apr 23 j 06:14	0°♉	
	-1538 May 11 j 09:03	0°♊	
evening max el	-1538 May 17 j 09:48	6°♊42'46	25°25'29
desc. node	-1538 May 23 j 17:22	11°♊35'56	
retrograde	-1538 May 31 j 10:55	13°♊53'31	
evening set	-1538 Jun 06 j 01:23	12°♊39'55	
min. Earth dist.	-1538 Jun 10 j 21:45	9°♊55'17	0.58045 AU
inferior conj	-1538 Jun 14 j 02:40	7°♊40'56	-4°-28'-26
minimum elong	-1538 Jun 14 j 00:07	7°♊45'27	4°28'13
morning rise	-1538 Jun 22 j 02:46	3°♊23'44	
direct	-1538 Jun 24 j 15:04	3°♊04'15	
morning max el	-1538 Jul 03 j 02:13	7°♊02'42	18°52'18
asc. node	-1538 Jul 09 j 23:25	15°♊49'11	
	-1538 Jul 17 j 21:24	0°♋	
morning set	-1538 Jul 19 j 14:42	3°♋21'09	
superior conj	-1538 Jul 28 j 05:15	20°♋07'20	1°47'45
minimum elong	-1538 Jul 28 j 05:53	20°♋10'19	1°47'46
	-1538 Aug 02 j 12:41	0°♌	
max. Earth dist.	-1538 Aug 04 j 02:18	2°♌49'18	1.38995 AU
evening rise	-1538 Aug 08 j 01:52	9°♌47'29	
desc. node	-1538 Aug 19 j 16:45	28°♌37'26	
	-1538 Aug 20 j 14:25	0°♍	
evening max el	-1538 Sep 12 j 12:21	29°♍59'42	24°21'26
	-1538 Sep 12 j 12:28	0°♎	
retrograde	-1538 Sep 23 j 17:28	6°♎34'07	
evening set	-1538 Sep 29 j 02:48	4°♎18'27	
	-1538 Oct 02 j 23:41	30°℞♍	
min. Earth dist.	-1538 Oct 03 j 20:28	28°♍51'04	0.67367 AU
inferior conj	-1538 Oct 04 j 12:53	27°♍55'54	0°-29'-1
minimum elong	-1538 Oct 04 j 13:35	27°♍53'32	0°28'43
asc. node	-1538 Oct 05 j 22:34	26°♍04'21	
morning rise	-1538 Oct 10 j 00:41	21°♍48'27	
direct	-1538 Oct 13 j 18:24	20°♍28'28	
morning max el	-1538 Oct 21 j 16:22	25°♍03'56	20°24'32
	-1538 Oct 25 j 23:23	0°♎	
greatest brilliancy	-1538 Oct 28 j 04:24	2°♎52'19	-0.5m
desc. node	-1538 Nov 15 j 16:05	0°♏02'44	
	-1538 Nov 15 j 15:22	0°♏	
morning set	-1538 Nov 18 j 11:59	4°♏24'40	
max. Earth dist.	-1538 Nov 28 j 15:57	20°♏26'21	1.43439 AU
superior conj	-1538 Dec 04 j 16:29	0°♐15'43	-1°-43'-55

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1538 Dec 04 j 10:23	29°♏50'29	1°43'31
	-1538 Dec 04 j 12:41	0°♐	
evening rise	-1538 Dec 17 j 06:21	21°♐43'24	
	-1538 Dec 22 j 00:13	0°♑	
asc. node	-1537 Jan 01 j 21:48	16°♑55'33	
evening max el	-1537 Jan 03 j 16:53	18°♑54'58	18°09'50
retrograde	-1537 Jan 10 j 05:44	22°♑22'16	
evening set	-1537 Jan 12 j 23:42	21°♑44'30	
inferior conj	-1537 Jan 19 j 08:30	16°♑30'26	3°53'48
minimum elong	-1537 Jan 19 j 07:33	16°♑32'57	3°53'44
min. Earth dist.	-1537 Jan 22 j 02:15	13°♑39'19	0.62574 AU
morning rise	-1537 Jan 25 j 13:21	10°♑34'08	
direct	-1537 Feb 01 j 13:49	7°♑56'00	
desc. node	-1537 Feb 11 j 15:14	12°♑17'18	
morning max el	-1537 Feb 15 j 12:35	15°♑45'43	27°45'29
	-1537 Feb 27 j 05:41	0°♒	
	-1537 Mar 17 j 06:21	0°♓	
morning set	-1537 Mar 21 j 05:41	7°♓49'11	
max. Earth dist.	-1537 Mar 26 j 21:27	19°♓37'23	1.32846 AU
superior conj	-1537 Mar 28 j 18:36	23°♓40'27	0°-22'-3
minimum elong	-1537 Mar 28 j 19:37	23°♓46'01	0°21'51
asc. node	-1537 Mar 30 j 21:08	28°♓14'33	
	-1537 Mar 31 j 16:34	0°♈	
evening rise	-1537 Apr 04 j 20:00	8°♈53'33	
	-1537 Apr 15 j 20:56	0°♉	
evening max el	-1537 Apr 29 j 00:58	17°♉26'59	23°55'54
desc. node	-1537 May 10 j 14:22	24°♉10'41	
retrograde	-1537 May 12 j 19:49	24°♉22'01	
evening set	-1537 May 17 j 00:40	23°♉42'51	
min. Earth dist.	-1537 May 23 j 12:08	20°♉36'51	0.56327 AU
inferior conj	-1537 May 25 j 21:28	19°♉08'49	-3°-45'-26
minimum elong	-1537 May 25 j 15:14	19°♉18'26	3°44'08
morning rise	-1537 Jun 03 j 09:38	15°♉08'49	
direct	-1537 Jun 05 j 23:37	14°♉51'35	
morning max el	-1537 Jun 15 j 21:45	19°♉27'06	19°51'24
	-1537 Jun 24 j 03:13	0°♊	
asc. node	-1537 Jun 26 j 20:27	4°♊36'23	
morning set	-1537 Jul 03 j 17:08	17°♊47'08	
	-1537 Jul 09 j 17:37	0°♋	
superior conj	-1537 Jul 11 j 15:46	3°♋51'11	1°45'58
minimum elong	-1537 Jul 11 j 14:36	3°♋45'26	1°45'56
max. Earth dist.	-1537 Jul 17 j 05:40	14°♋41'05	1.37068 AU
evening rise	-1537 Jul 21 j 03:46	21°♋55'28	
	-1537 Jul 25 j 18:02	0°♌	
desc. node	-1537 Aug 06 j 13:44	18°♌53'12	
	-1537 Aug 14 j 10:41	0°♍	
evening max el	-1537 Aug 25 j 23:25	13°♍33'59	25°35'35
retrograde	-1537 Sep 07 j 03:41	20°♍34'20	
evening set	-1537 Sep 13 j 03:50	18°♍02'23	
min. Earth dist.	-1537 Sep 17 j 13:05	13°♍11'07	0.66842 AU
inferior conj	-1537 Sep 18 j 16:28	11°♍43'06	-1°-23'-55
minimum elong	-1537 Sep 18 j 18:31	11°♍36'29	1°23'05
asc. node	-1537 Sep 22 j 19:37	6°♍58'11	
morning rise	-1537 Sep 24 j 09:52	5°♍44'05	
direct	-1537 Sep 27 j 16:40	4°♍41'44	
morning max el	-1537 Oct 04 j 20:52	8°♍46'30	19°22'34
greatest brilliancy	-1537 Oct 14 j 13:06	21°♍22'14	-0.7m
	-1537 Oct 20 j 06:18	0°♎	
morning set	-1537 Oct 28 j 13:50	12°♎52'54	
desc. node	-1537 Nov 02 j 13:07	20°♎38'09	
	-1537 Nov 08 j 12:29	0°♏	
max. Earth dist.	-1537 Nov 11 j 05:59	4°♏18'17	1.44548 AU
superior conj	-1537 Nov 14 j 09:07	9°♏16'17	-1°-11'-51
minimum elong	-1537 Nov 14 j 01:24	8°♏45'37	1°11'01
	-1537 Nov 27 j 03:36	0°♐	
evening rise	-1537 Nov 28 j 21:34	2°♐53'55	
	-1537 Dec 16 j 05:07	0°♑	
evening max el	-1537 Dec 18 j 05:15	2°♑15'35	18°27'50
asc. node	-1537 Dec 19 j 18:50	3°♑42'33	
retrograde	-1537 Dec 24 j 19:07	5°♑52'52	
evening set	-1537 Dec 27 j 17:39	5°♑05'21	
	-1536 Jan 02 j 08:06	30°℞♐	
inferior conj	-1536 Jan 02 j 17:42	29°♐32'12	3°37'43
minimum elong	-1536 Jan 02 j 15:21	29°♐39'01	3°37'20
min. Earth dist.	-1536 Jan 04 j 20:29	27°♐05'20	0.64297 AU
morning rise	-1536 Jan 08 j 11:40	23°♐27'13	
direct	-1536 Jan 15 j 08:54	20°♐36'37	
morning max el	-1536 Jan 28 j 21:19	28°♐23'05	27°24'10
desc. node	-1536 Jan 29 j 12:18	29°♐00'53	
	-1536 Jan 30 j 10:58	0°♑	
	-1536 Feb 21 j 00:03	0°♒	
morning set	-1536 Mar 03 j 23:59	21°♒46'16	
	-1536 Mar 08 j 02:13	0°♓	
max. Earth dist.	-1536 Mar 08 j 22:27	1°♓44'22	1.33624 AU
superior conj	-1536 Mar 12 j 00:20	8°♓11'57	0°-48'-7
minimum elong	-1536 Mar 12 j 02:34	8°♓23'45	0°47'42
asc. node	-1536 Mar 16 j 18:10	18°♓19'07	
evening rise	-1536 Mar 19 j 07:09	23°♓41'47	
	-1536 Mar 22 j 08:45	0°♈	
evening max el	-1536 Apr 09 j 17:56	28°♈06'03	22°21'17
	-1536 Apr 11 j 21:20	0°♉	
retrograde	-1536 Apr 22 j 16:05	4°♉26'04	
evening set	-1536 Apr 25 j 14:41	4°♉07'02	
desc. node	-1536 Apr 26 j 11:24	3°♉54'34	
min. Earth dist.	-1536 May 04 j 01:36	0°♉27'59	0.55267 AU
inferior conj	-1536 May 04 j 23:04	29°♈57'33	-2°-19'-4
minimum elong	-1536 May 04 j 17:09	0°♉05'58	2°17'13
	-1536 May 04 j 21:21	30°℞♈	
morning rise	-1536 May 13 j 21:32	26°♈02'15	
direct	-1536 May 16 j 16:12	25°♈44'40	
	-1536 May 26 j 22:31	0°♉	
morning max el	-1536 May 28 j 06:21	1°♉09'54	21°10'11
asc. node	-1536 Jun 12 j 17:29	23°♉54'02	
	-1536 Jun 15 j 19:15	0°♊	
morning set	-1536 Jun 17 j 00:42	2°♊30'39	
superior conj	-1536 Jun 24 j 12:37	18°♊07'26	1°37'02
minimum elong	-1536 Jun 24 j 10:25	17°♊56'04	1°36'52
max. Earth dist.	-1536 Jun 28 j 15:46	26°♊30'45	1.35408 AU
	-1536 Jun 30 j 10:13	0°♋	
evening rise	-1536 Jul 03 j 00:54	5°♋01'10	
	-1536 Jul 17 j 13:16	0°♌	
desc. node	-1536 Jul 23 j 10:44	8°♌47'23	
evening max el	-1536 Aug 07 j 11:01	27°♌07'33	26°35'50
	-1536 Aug 10 j 16:31	0°♍	
retrograde	-1536 Aug 20 j 08:50	4°♍22'24	
evening set	-1536 Aug 26 j 22:40	1°♍39'28	
	-1536 Aug 28 j 17:10	30°℞♌	
min. Earth dist.	-1536 Aug 31 j 00:09	27°♌26'05	0.65976 AU
inferior conj	-1536 Sep 01 j 15:33	25°♌27'26	-2°-17'-46
minimum elong	-1536 Sep 01 j 18:52	25°♌17'26	2°16'33
morning rise	-1536 Sep 07 j 16:09	19°♌40'04	
asc. node	-1536 Sep 08 j 16:40	19°♌12'15	
direct	-1536 Sep 10 j 14:26	18°♌51'42	
morning max el	-1536 Sep 17 j 07:23	22°♌34'38	18°36'06
	-1536 Sep 23 j 05:22	0°♍	
morning set	-1536 Oct 07 j 14:44	22°♍32'23	
	-1536 Oct 12 j 06:37	0°♎	
desc. node	-1536 Oct 19 j 10:09	11°♎20'14	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1536 Oct 23 j 09:49	17°♎37'12	0°-25'-37
minimum elong	-1536 Oct 23 j 06:26	17°♎23'52	0°25'12
max. Earth dist.	-1536 Oct 23 j 23:51	18°♎32'25	1.44959 AU
	-1536 Oct 31 j 06:38	0°♏	
evening rise	-1536 Nov 08 j 12:48	13°♏03'54	
	-1536 Nov 19 j 05:34	0°♐	
evening max el	-1536 Nov 30 j 15:33	15°♐41'17	19°03'28
asc. node	-1536 Dec 05 j 15:52	19°♐17'53	
retrograde	-1536 Dec 07 j 13:48	19°♐38'14	
evening set	-1536 Dec 10 j 18:28	18°♐39'10	
inferior conj	-1536 Dec 16 j 12:05	12°♐49'24	3°08'40
minimum elong	-1536 Dec 16 j 09:10	12°♐58'31	3°07'55
min. Earth dist.	-1536 Dec 18 j 00:00	10°♐56'49	0.65658 AU
morning rise	-1536 Dec 21 j 22:57	6°♐38'32	
direct	-1536 Dec 28 j 10:16	3°♐50'08	
morning max el	-1535 Jan 10 j 06:50	11°♐22'19	26°32'43
desc. node	-1535 Jan 15 j 09:22	17°♐00'09	
	-1535 Jan 25 j 04:42	0°♑	
	-1535 Feb 12 j 13:18	0°♒	
morning set	-1535 Feb 15 j 06:41	5°♒03'54	
max. Earth dist.	-1535 Feb 19 j 12:32	13°♒16'44	1.34852 AU
superior conj	-1535 Feb 24 j 00:09	22°♒20'52	-1°-12'-57
minimum elong	-1535 Feb 24 j 03:20	22°♒37'19	1°12'28
	-1535 Feb 27 j 16:28	0°♓	
evening rise	-1535 Mar 03 j 15:56	8°♓17'26	
asc. node	-1535 Mar 03 j 15:12	8°♓13'36	
	-1535 Mar 15 j 10:53	0°♈	
evening max el	-1535 Mar 22 j 18:52	9°♈06'43	20°54'27
retrograde	-1535 Apr 03 j 05:10	14°♈36'28	
evening set	-1535 Apr 05 j 12:14	14°♈24'03	
desc. node	-1535 Apr 13 j 08:27	11°♈13'22	
inferior conj	-1535 Apr 14 j 17:40	10°♈26'28	0°-23'-32
minimum elong	-1535 Apr 14 j 16:34	10°♈28'03	0°23'08
min. Earth dist.	-1535 Apr 15 j 15:07	9°♈55'58	0.55105 AU
morning rise	-1535 Apr 23 j 19:53	6°♈18'25	
direct	-1535 Apr 27 j 03:32	5°♈54'34	
morning max el	-1535 May 10 j 04:37	12°♈12'01	22°44'26
	-1535 May 23 j 10:29	0°♉	
asc. node	-1535 May 30 j 14:32	13°♉34'20	
morning set	-1535 Jun 01 j 11:26	17°♉26'04	
	-1535 Jun 07 j 09:20	0°♊	
superior conj	-1535 Jun 08 j 16:37	2°♊46'33	1°22'41
minimum elong	-1535 Jun 08 j 14:03	2°♊32'56	1°22'22
max. Earth dist.	-1535 Jun 11 j 11:51	8°♊40'15	1.34107 AU
evening rise	-1535 Jun 16 j 12:21	18°♊50'52	
	-1535 Jun 22 j 10:05	0°♋	
desc. node	-1535 Jul 10 j 07:45	28°♋10'57	
	-1535 Jul 11 j 16:55	0°♌	
evening max el	-1535 Jul 20 j 22:48	10°♌31'31	27°14'23
retrograde	-1535 Aug 03 j 08:25	17°♌51'34	
evening set	-1535 Aug 10 j 08:44	15°♌06'14	
min. Earth dist.	-1535 Aug 14 j 03:21	11°♌30'16	0.64750 AU
inferior conj	-1535 Aug 16 j 07:58	9°♌05'01	-3°-8'-11
minimum elong	-1535 Aug 16 j 12:10	8°♌53'24	3°06'55
morning rise	-1535 Aug 22 j 17:10	3°♌32'47	
direct	-1535 Aug 25 j 09:25	2°♌54'58	
asc. node	-1535 Aug 26 j 13:44	3°♌02'21	
morning max el	-1535 Aug 31 j 21:42	6°♌24'30	18°06'25
	-1535 Sep 16 j 16:45	0°♍	
morning set	-1535 Sep 18 j 19:52	3°♍34'29	
superior conj	-1535 Oct 02 j 16:17	26°♍19'36	0°23'26
minimum elong	-1535 Oct 02 j 19:04	26°♍30'43	0°23'03
	-1535 Oct 04 j 23:29	0°♎	
desc. node	-1535 Oct 06 j 07:10	2°♎05'48	
max. Earth dist.	-1535 Oct 06 j 18:29	2°♎50'38	1.44632 AU
evening rise	-1535 Oct 19 j 05:48	22°♎19'57	
	-1535 Oct 24 j 05:07	0°♏	
greatest brilliancy	-1535 Nov 06 j 13:00	19°♏55'19	-0.6m
evening max el	-1535 Nov 13 j 21:38	29°♏08'43	19°55'06
	-1535 Nov 14 j 18:15	0°♐	
retrograde	-1535 Nov 21 j 11:01	3°♐33'48	
asc. node	-1535 Nov 22 j 12:56	3°♐27'06	
evening set	-1535 Nov 24 j 23:40	2°♐21'08	
	-1535 Nov 27 j 13:34	30°℞♏	
inferior conj	-1535 Nov 30 j 12:47	26°♏17'41	2°30'21
minimum elong	-1535 Nov 30 j 09:59	26°♏26'59	2°29'25
min. Earth dist.	-1535 Dec 01 j 11:14	25°♏03'14	0.66633 AU
morning rise	-1535 Dec 05 j 19:41	20°♏03'06	
direct	-1535 Dec 11 j 17:11	17°♏27'55	
morning max el	-1535 Dec 23 j 15:43	24°♏33'06	25°19'37
	-1535 Dec 28 j 14:04	0°♐	
desc. node	-1534 Jan 02 j 06:26	5°♐52'54	
	-1534 Jan 18 j 15:33	0°♑	
morning set	-1534 Jan 28 j 20:54	17°♑27'36	
max. Earth dist.	-1534 Feb 01 j 15:26	24°♑24'10	1.36524 AU
	-1534 Feb 04 j 13:57	0°♒	
superior conj	-1534 Feb 07 j 15:10	5°♒58'33	-1°-34'-50
minimum elong	-1534 Feb 07 j 18:45	6°♒16'19	1°34'27
evening rise	-1534 Feb 15 j 20:18	22°♒33'40	
asc. node	-1534 Feb 18 j 12:15	27°♒52'38	
	-1534 Feb 19 j 14:24	0°♓	
evening max el	-1534 Mar 05 j 06:32	20°♓42'17	19°43'19
retrograde	-1534 Mar 14 j 23:51	25°♓21'04	
evening set	-1534 Mar 17 j 04:33	25°♓07'54	
inferior conj	-1534 Mar 25 j 19:35	21°♓04'51	1°29'04
minimum elong	-1534 Mar 25 j 23:08	20°♓59'17	1°27'55
min. Earth dist.	-1534 Mar 28 j 05:19	19°♓34'41	0.55884 AU
desc. node	-1534 Mar 31 j 05:31	17°♓52'26	
morning rise	-1534 Apr 03 j 14:24	16°♓28'24	
direct	-1534 Apr 07 j 21:20	15°♓47'26	
morning max el	-1534 Apr 21 j 20:25	22°♓47'21	24°24'50
	-1534 Apr 28 j 05:51	0°♈	
	-1534 May 15 j 19:28	0°♉	
morning set	-1534 May 16 j 23:30	2°♉26'12	
asc. node	-1534 May 17 j 11:36	3°♉29'57	
superior conj	-1534 May 24 j 01:09	17°♉39'09	1°04'10
minimum elong	-1534 May 23 j 22:47	17°♉26'17	1°03'47
max. Earth dist.	-1534 May 25 j 16:42	21°♉12'28	1.33181 AU
	-1534 May 29 j 20:38	0°♊	
evening rise	-1534 May 31 j 09:54	3°♊10'48	
	-1534 Jun 15 j 05:15	0°♋	
desc. node	-1534 Jun 27 j 04:46	16°♋50'09	
evening max el	-1534 Jul 03 j 08:42	23°♋31'59	27°24'53
	-1534 Jul 12 j 16:23	0°♌	
retrograde	-1534 Jul 17 j 02:00	0°♌52'32	
	-1534 Jul 21 j 06:33	30°℞♋	
evening set	-1534 Jul 24 j 06:40	28°♋16'48	
min. Earth dist.	-1534 Jul 27 j 20:51	25°♋13'15	0.63150 AU
inferior conj	-1534 Jul 30 j 14:56	22°♋29'24	-3°-51'-53
minimum elong	-1534 Jul 30 j 19:13	22°♋18'43	3°50'56
morning rise	-1534 Aug 06 j 09:58	17°♋15'43	
direct	-1534 Aug 08 j 22:31	16°♋45'34	
asc. node	-1534 Aug 13 j 10:50	18°♋23'06	
morning max el	-1534 Aug 15 j 13:09	20°♋10'15	17°54'30
	-1534 Aug 22 j 20:45	0°♌	
morning set	-1534 Sep 01 j 01:14	15°♌45'57	
	-1534 Sep 09 j 05:47	0°♍	
superior conj	-1534 Sep 12 j 22:15	6°♍13'11	1°03'48

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1534 Sep 13 j 03:33	6°♍35'19	1°03'12
max. Earth dist.	-1534 Sep 19 j 10:16	16°♍52'52	1.43613 AU
desc. node	-1534 Sep 23 j 04:11	22°♍51'51	
	-1534 Sep 27 j 17:26	0°♎	
evening rise	-1534 Sep 28 j 11:43	1°♎10'52	
	-1534 Oct 17 j 20:52	0°♏	
greatest brilliancy	-1534 Oct 22 j 10:13	6°♏08'50	-0.5m
evening max el	-1534 Oct 27 j 22:02	12°♏36'06	21°00'19
retrograde	-1534 Nov 05 j 08:25	17°♏36'13	
evening set	-1534 Nov 09 j 07:07	16°♏07'45	
asc. node	-1534 Nov 09 j 10:00	16°♏02'14	
inferior conj	-1534 Nov 14 j 17:28	9°♏54'06	1°45'19
minimum elong	-1534 Nov 14 j 15:15	10°♏01'41	1°44'27
min. Earth dist.	-1534 Nov 15 j 04:04	9°♏17'45	0.67248 AU
morning rise	-1534 Nov 19 j 23:00	3°♏38'01	
direct	-1534 Nov 25 j 05:08	1°♏22'24	
morning max el	-1534 Dec 06 j 00:27	7°♏48'59	23°54'43
desc. node	-1534 Dec 20 j 03:30	25°♏23'33	
	-1534 Dec 23 j 08:52	0°♐	
morning set	-1533 Jan 10 j 12:35	28°♐41'26	
	-1533 Jan 11 j 06:52	0°♑	
max. Earth dist.	-1533 Jan 14 j 11:26	5°♑35'02	1.38523 AU
superior conj	-1533 Jan 21 j 17:43	18°♑55'09	-1°-51'-20
minimum elong	-1533 Jan 21 j 20:36	19°♑08'50	1°51'11
	-1533 Jan 27 j 11:26	0°♒	
evening rise	-1533 Jan 30 j 17:43	6°♒23'45	
asc. node	-1533 Feb 05 j 09:19	17°♒10'29	
	-1533 Feb 13 j 13:11	0°♓	
evening max el	-1533 Feb 16 j 04:29	2°♓54'28	18°51'29
retrograde	-1533 Feb 24 j 10:30	6°♓53'32	
evening set	-1533 Feb 26 j 18:27	6°♓35'43	
inferior conj	-1533 Mar 06 j 15:31	2°♓16'26	2°52'07
minimum elong	-1533 Mar 06 j 20:02	2°♓08'13	2°51'01
	-1533 Mar 09 j 19:05	30°℞♒	
min. Earth dist.	-1533 Mar 09 j 21:38	29°♒55'34	0.57423 AU
morning rise	-1533 Mar 14 j 17:33	27°♒08'03	
desc. node	-1533 Mar 18 j 02:35	26°♒06'37	
direct	-1533 Mar 20 j 04:29	25°♒56'02	
	-1533 Mar 30 j 13:13	0°♓	
morning max el	-1533 Apr 03 j 11:53	3°♓23'13	25°56'55
	-1533 Apr 22 j 13:12	0°♈	
morning set	-1533 May 01 j 11:11	17°♈25'16	
asc. node	-1533 May 04 j 08:39	23°♈35'41	
	-1533 May 07 j 07:14	0°♉	
superior conj	-1533 May 08 j 12:11	2°♉38'26	0°42'30
minimum elong	-1533 May 08 j 10:26	2°♉28'50	0°42'10
max. Earth dist.	-1533 May 09 j 03:21	4°♉01'23	1.32624 AU
evening rise	-1533 May 15 j 14:23	17°♉51'00	
	-1533 May 21 j 17:35	0°♊	
	-1533 Jun 10 j 02:10	0°♋	
desc. node	-1533 Jun 14 j 01:48	4°♋26'17	
evening max el	-1533 Jun 15 j 14:19	5°♋56'39	27°03'07
retrograde	-1533 Jun 29 j 12:54	13°♋15'39	
evening set	-1533 Jul 06 j 12:19	11°♋03'48	
min. Earth dist.	-1533 Jul 10 j 04:10	8°♋20'57	0.61238 AU
inferior conj	-1533 Jul 13 j 09:10	5°♋32'35	-4°-23'-38
minimum elong	-1533 Jul 13 j 12:10	5°♋25'59	4°23'16
morning rise	-1533 Jul 20 j 14:58	0°♋40'14	
direct	-1533 Jul 23 j 02:00	0°♋15'28	
morning max el	-1533 Jul 30 j 02:48	3°♋44'36	18°01'16
asc. node	-1533 Jul 31 j 07:54	5°♋00'21	
morning set	-1533 Aug 15 j 00:53	28°♋50'05	
	-1533 Aug 15 j 16:04	0°♌	
superior conj	-1533 Aug 25 j 07:42	17°♌28'19	1°30'45
minimum elong	-1533 Aug 25 j 11:57	17°♌47'02	1°30'24
	-1533 Sep 01 j 15:29	0°♍	
max. Earth dist.	-1533 Sep 01 j 20:33	0°♍21'03	1.42044 AU
evening rise	-1533 Sep 08 j 01:03	10°♍24'30	
desc. node	-1533 Sep 10 j 01:11	13°♍34'49	
	-1533 Sep 20 j 20:21	0°♎	
greatest brilliancy	-1533 Oct 05 j 22:51	20°♎43'09	-0.3m
evening max el	-1533 Oct 10 j 16:31	26°♎03'26	22°15'35
	-1533 Oct 15 j 07:57	0°♏	
retrograde	-1533 Oct 20 j 04:10	1°♏41'57	
evening set	-1533 Oct 24 j 14:58	29°♎55'52	
	-1533 Oct 24 j 12:54	30°℞♎	
asc. node	-1533 Oct 27 j 07:05	27°♎11'31	
inferior conj	-1533 Oct 30 j 00:05	23°♎35'47	0°55'26
minimum elong	-1533 Oct 29 j 22:49	23°♎40'08	0°54'54
min. Earth dist.	-1533 Oct 30 j 00:00	23°♎36'02	0.67539 AU
morning rise	-1533 Nov 04 j 06:30	17°♎20'41	
direct	-1533 Nov 08 j 21:28	15°♎27'10	
morning max el	-1533 Nov 18 j 11:30	21°♎08'32	22°27'33
greatest brilliancy	-1533 Nov 23 j 03:19	26°♎22'38	-0.3m
	-1533 Nov 26 j 00:24	0°♏	
desc. node	-1533 Dec 07 j 00:31	15°♏20'37	
	-1533 Dec 16 j 16:03	0°♐	
morning set	-1533 Dec 21 j 23:57	8°♐30'55	
max. Earth dist.	-1533 Dec 27 j 07:51	17°♐21'30	1.40624 AU
	-1532 Jan 03 j 14:04	0°♑	
superior conj	-1532 Jan 04 j 02:54	0°♑57'35	-1°-59'-11
minimum elong	-1532 Jan 04 j 03:25	0°♑59'54	1°59'14
evening rise	-1532 Jan 14 j 05:03	19°♑39'06	
	-1532 Jan 19 j 19:03	0°♒	
asc. node	-1532 Jan 23 j 06:21	5°♒59'17	
evening max el	-1532 Jan 30 j 10:16	15°♒36'13	18°19'49
retrograde	-1532 Feb 06 j 15:38	19°♒11'08	
evening set	-1532 Feb 09 j 03:43	18°♒46'25	
inferior conj	-1532 Feb 16 j 08:16	14°♒06'19	3°38'53
minimum elong	-1532 Feb 16 j 10:57	14°♒00'38	3°38'32
min. Earth dist.	-1532 Feb 19 j 18:01	11°♒14'39	0.59397 AU
morning rise	-1532 Feb 23 j 14:43	8°♒33'28	
direct	-1532 Mar 01 j 00:48	6°♒42'53	
desc. node	-1532 Mar 03 j 23:39	7°♒05'28	
morning max el	-1532 Mar 15 j 07:43	14°♒24'18	27°05'56
	-1532 Mar 27 j 20:24	0°♓	
	-1532 Apr 13 j 18:17	0°♈	
morning set	-1532 Apr 14 j 20:48	2°♈17'04	
asc. node	-1532 Apr 20 j 05:42	13°♈46'55	
superior conj	-1532 Apr 21 j 23:57	17°♈38'14	0°18'31
minimum elong	-1532 Apr 21 j 23:08	17°♈33'44	0°18'20
max. Earth dist.	-1532 Apr 21 j 16:19	16°♈56'24	1.32423 AU
	-1532 Apr 27 j 16:26	0°♉	
evening rise	-1532 Apr 28 j 23:16	2°♉43'08	
	-1532 May 13 j 17:42	0°♊	
evening max el	-1532 May 27 j 13:51	17°♊38'42	26°09'10
desc. node	-1532 May 30 j 22:48	20°♊33'24	
retrograde	-1532 Jun 10 j 15:30	24°♊53'49	
evening set	-1532 Jun 16 j 21:19	23°♊17'54	
min. Earth dist.	-1532 Jun 21 j 02:44	20°♊38'43	0.59181 AU
inferior conj	-1532 Jun 24 j 11:07	18°♊05'54	-4°-35'-16
minimum elong	-1532 Jun 24 j 11:01	18°♊06'07	4°35'15
morning rise	-1532 Jul 02 j 04:20	13°♊35'56	
direct	-1532 Jul 04 j 15:42	13°♊14'54	
morning max el	-1532 Jul 12 j 11:38	16°♊59'23	18°27'46
asc. node	-1532 Jul 17 j 04:57	22°♊38'57	
	-1532 Jul 21 j 19:19	0°♋	
morning set	-1532 Jul 28 j 13:53	12°♋34'13	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1532 Aug 06 j 16:39	29°♋54'02	1°44'43
minimum elong	-1532 Aug 06 j 18:35	0°♌02'59	1°44'39
	-1532 Aug 06 j 17:56	0°♌	
max. Earth dist.	-1532 Aug 14 j 01:27	13°♌06'56	1.40142 AU
evening rise	-1532 Aug 18 j 12:19	20°♌41'03	
	-1532 Aug 24 j 06:00	0°♍	
desc. node	-1532 Aug 26 j 22:11	4°♍11'24	
	-1532 Sep 14 j 00:21	0°♎	
evening max el	-1532 Sep 22 j 06:28	9°♎33'33	23°35'43
retrograde	-1532 Oct 02 j 20:51	15°♎48'59	
evening set	-1532 Oct 07 j 21:34	13°♎44'13	
inferior conj	-1532 Oct 13 j 06:54	7°♎21'35	0°02'24
minimum elong	-1532 Oct 13 j 06:50	7°♎21'47	0°02'23
transit middle	-1532 Oct 13 j 06:50	7°♎21'47	0°02'23
transit begin	-1532 Oct 13 j 04:09	7°♎30'57	
transit end	-1532 Oct 13 j 09:31	7°♎12'37	
min. Earth dist.	-1532 Oct 12 j 20:34	7°♎56'53	0.67523 AU
asc. node	-1532 Oct 13 j 04:07	7°♎31'06	
morning rise	-1532 Oct 18 j 16:12	1°♎10'21	
	-1532 Oct 20 j 17:50	30°℞♍	
direct	-1532 Oct 22 j 17:13	29°♍38'33	
	-1532 Oct 24 j 18:42	0°♎	
morning max el	-1532 Oct 31 j 04:13	4°♎35'57	21°06'16
greatest brilliancy	-1532 Nov 05 j 16:23	11°♎00'16	-0.5m
	-1532 Nov 19 j 03:50	0°♏	
desc. node	-1532 Nov 22 j 21:33	5°♏37'04	
morning set	-1532 Nov 30 j 08:09	17°♏05'03	
	-1532 Dec 08 j 10:06	0°♐	
max. Earth dist.	-1532 Dec 08 j 10:57	0°♐03'25	1.42542 AU
superior conj	-1532 Dec 15 j 13:19	11°♐53'31	-1°-54'-14
minimum elong	-1532 Dec 15 j 09:43	11°♐38'11	1°54'07
	-1532 Dec 25 j 21:08	0°♑	
evening rise	-1532 Dec 27 j 02:39	2°♑12'31	
asc. node	-1531 Jan 09 j 03:23	24°♑10'13	
evening max el	-1531 Jan 12 j 20:53	28°♑39'06	18°07'56
	-1531 Jan 14 j 09:05	0°♒	
retrograde	-1531 Jan 19 j 12:45	2°♒05'06	
evening set	-1531 Jan 22 j 04:38	1°♒32'14	
	-1531 Jan 24 j 20:36	30°℞♑	
inferior conj	-1531 Jan 28 j 19:45	26°♑30'15	3°55'05
minimum elong	-1531 Jan 28 j 19:58	26°♑29'42	3°55'04
min. Earth dist.	-1531 Jan 31 j 21:10	23°♑32'39	0.61464 AU
morning rise	-1531 Feb 04 j 08:49	20°♑41'07	
direct	-1531 Feb 11 j 07:21	18°♑16'48	
desc. node	-1531 Feb 18 j 20:42	20°♑45'35	
morning max el	-1531 Feb 25 j 09:38	26°♑04'20	27°41'36
	-1531 Mar 01 j 01:58	0°♒	
	-1531 Mar 21 j 07:25	0°♓	
morning set	-1531 Mar 30 j 02:25	16°♓54'25	
max. Earth dist.	-1531 Apr 05 j 03:51	29°♓44'01	1.32584 AU
	-1531 Apr 05 j 06:48	0°♈	
superior conj	-1531 Apr 06 j 10:46	2°♈32'07	0°-7'-1
minimum elong	-1531 Apr 06 j 11:05	2°♈33'53	0°06'58
behind sun begin	-1531 Apr 06 j 06:29	2°♈08'49	
behind sun end	-1531 Apr 06 j 15:41	2°♈58'58	
asc. node	-1531 Apr 07 j 02:42	3°♈59'04	
evening rise	-1531 Apr 13 j 10:29	17°♈39'28	
	-1531 Apr 19 j 13:31	0°♉	
evening max el	-1531 May 09 j 07:16	28°♉39'58	24°49'06
	-1531 May 10 j 18:10	0°♊	
desc. node	-1531 May 17 j 19:51	4°♊36'37	
retrograde	-1531 May 23 j 07:00	5°♊45'15	
evening set	-1531 May 28 j 07:37	4°♊47'51	
min. Earth dist.	-1531 Jun 02 j 19:04	1°♊55'37	0.57252 AU
inferior conj	-1531 Jun 05 j 17:37	29°♉59'24	-4°-15'-29
minimum elong	-1531 Jun 05 j 13:15	0°♊06'39	4°14'54
	-1531 Jun 05 j 17:15	30°℞♉	
morning rise	-1531 Jun 13 j 22:47	25°♉50'08	
direct	-1531 Jun 16 j 11:45	25°♉31'41	
morning max el	-1531 Jun 25 j 12:39	29°♉44'23	19°14'53
	-1531 Jun 25 j 19:15	0°♊	
asc. node	-1531 Jul 04 j 01:59	11°♊04'28	
morning set	-1531 Jul 12 j 12:17	26°♊47'24	
	-1531 Jul 14 j 02:59	0°♋	
superior conj	-1531 Jul 20 j 19:17	13°♋13'21	1°47'59
minimum elong	-1531 Jul 20 j 19:04	13°♋12'18	1°48'00
max. Earth dist.	-1531 Jul 27 j 04:08	25°♋14'33	1.38157 AU
	-1531 Jul 29 j 19:28	0°♌	
evening rise	-1531 Jul 31 j 00:56	2°♌10'01	
desc. node	-1531 Aug 13 j 19:12	24°♌36'24	
	-1531 Aug 17 j 10:24	0°♍	
evening max el	-1531 Sep 04 j 18:06	23°♍06'56	24°54'11
retrograde	-1531 Sep 16 j 09:28	29°♍52'55	
evening set	-1531 Sep 22 j 01:09	27°♍30'06	
min. Earth dist.	-1531 Sep 26 j 15:15	22°♍17'47	0.67189 AU
inferior conj	-1531 Sep 27 j 12:09	21°♍08'43	0°-52'-16
minimum elong	-1531 Sep 27 j 13:26	21°♍04'29	0°51'44
asc. node	-1531 Sep 30 j 01:09	17°♍55'59	
morning rise	-1531 Oct 03 j 02:08	15°♍04'27	
direct	-1531 Oct 06 j 15:02	13°♍52'11	
morning max el	-1531 Oct 14 j 04:26	18°♍13'03	19°56'22
greatest brilliancy	-1531 Oct 21 j 16:31	27°♍29'52	-0.6m
	-1531 Oct 23 j 11:09	0°♎	
morning set	-1531 Nov 09 j 05:12	25°♎15'08	
desc. node	-1531 Nov 09 j 18:36	26°♎06'58	
	-1531 Nov 12 j 06:37	0°♏	
max. Earth dist.	-1531 Nov 20 j 22:07	13°♏36'42	1.43998 AU
superior conj	-1531 Nov 25 j 20:49	21°♏34'15	-1°-32'-29
minimum elong	-1531 Nov 25 j 13:24	21°♏04'08	1°31'51
	-1531 Dec 01 j 00:01	0°♐	
evening rise	-1531 Dec 09 j 06:14	13°♐56'05	
	-1531 Dec 18 j 18:23	0°♑	
asc. node	-1531 Dec 27 j 00:23	11°♑32'08	
evening max el	-1531 Dec 27 j 09:24	11°♑55'25	18°15'13
retrograde	-1530 Jan 02 j 21:32	15°♑25'28	
evening set	-1530 Jan 05 j 17:25	14°♑43'33	
inferior conj	-1530 Jan 11 j 22:09	9°♑20'53	3°48'51
minimum elong	-1530 Jan 11 j 20:30	9°♑25'26	3°48'40
min. Earth dist.	-1530 Jan 14 j 09:34	6°♑38'43	0.63352 AU
morning rise	-1530 Jan 17 j 21:55	3°♑20'42	
direct	-1530 Jan 24 j 22:00	0°♑35'41	
desc. node	-1530 Feb 05 j 17:45	6°♑33'04	
morning max el	-1530 Feb 07 j 16:44	8°♑24'07	27°40'36
	-1530 Feb 24 j 10:30	0°♒	
	-1530 Mar 13 j 11:44	0°♓	
morning set	-1530 Mar 14 j 01:43	1°♓09'34	
max. Earth dist.	-1530 Mar 19 j 10:07	12°♓11'09	1.33129 AU
superior conj	-1530 Mar 21 j 18:56	17°♓14'08	0°-33'-10
minimum elong	-1530 Mar 21 j 20:29	17°♓22'27	0°32'51
asc. node	-1530 Mar 24 j 23:44	24°♓08'09	
	-1530 Mar 27 j 17:18	0°♈	
evening rise	-1530 Mar 28 j 22:14	2°♈33'16	
	-1530 Apr 13 j 03:33	0°♉	
evening max el	-1530 Apr 20 j 22:23	9°♉18'44	23°15'24
retrograde	-1530 May 04 j 09:59	16°♉00'57	
desc. node	-1530 May 04 j 16:51	16°♉00'46	
evening set	-1530 May 08 j 01:03	15°♉32'07	
min. Earth dist.	-1530 May 15 j 08:28	12°♉13'53	0.55783 AU
inferior conj	-1530 May 17 j 04:20	11°♉09'28	-3°-13'-52

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1530 May 16 j 21:34	11°♉19'27	3°12'06
morning rise	-1530 May 25 j 21:20	7°♉13'40	
direct	-1530 May 28 j 12:59	6°♉56'35	
morning max el	-1530 Jun 08 j 03:35	11°♉51'31	20°22'40
asc. node	-1530 Jun 20 j 23:02	0°♊05'56	
	-1530 Jun 20 j 21:45	0°♊	
morning set	-1530 Jun 26 j 17:12	11°♊21'59	
superior conj	-1530 Jul 04 j 10:41	27°♊12'28	1°42'56
minimum elong	-1530 Jul 04 j 08:59	27°♊03'56	1°42'52
	-1530 Jul 05 j 19:58	0°♋	
max. Earth dist.	-1530 Jul 09 j 10:04	7°♋03'32	1.36324 AU
evening rise	-1530 Jul 13 j 11:38	14°♋44'00	
	-1530 Jul 22 j 05:17	0°♌	
desc. node	-1530 Jul 31 j 16:11	14°♌43'59	
	-1530 Aug 12 j 02:14	0°♍	
evening max el	-1530 Aug 18 j 05:19	6°♍41'33	26°03'19
retrograde	-1530 Aug 30 j 17:26	13°♍48'51	
evening set	-1530 Sep 05 j 23:49	11°♍11'11	
min. Earth dist.	-1530 Sep 10 j 05:40	6°♍36'12	0.66522 AU
inferior conj	-1530 Sep 11 j 14:03	4°♍54'46	-1°-46'-59
minimum elong	-1530 Sep 11 j 16:40	4°♍46'33	1°45'58
	-1530 Sep 16 j 01:14	30°℞♌	
asc. node	-1530 Sep 16 j 22:13	29°♌20'02	
morning rise	-1530 Sep 17 j 10:21	29°♌00'33	
direct	-1530 Sep 20 j 13:17	28°♌04'33	
	-1530 Sep 25 j 06:51	0°♍	
morning max el	-1530 Sep 27 j 11:47	1°♍58'35	19°00'52
	-1530 Oct 16 j 23:44	0°♎	
morning set	-1530 Oct 19 j 15:16	4°♎09'55	
desc. node	-1530 Oct 27 j 15:37	16°♎45'40	
max. Earth dist.	-1530 Nov 03 j 14:40	27°♎42'18	1.44811 AU
superior conj	-1530 Nov 05 j 04:28	0°♏11'19	0°-53'-25
minimum elong	-1530 Nov 04 j 21:55	29°♎45'30	0°52'39
	-1530 Nov 05 j 01:36	0°♏	
evening rise	-1530 Nov 20 j 11:32	24°♏41'39	
	-1530 Nov 23 j 17:40	0°♐	
evening max el	-1530 Dec 10 j 21:08	25°♐18'41	18°40'52
asc. node	-1530 Dec 13 j 21:26	27°♐50'51	
retrograde	-1530 Dec 17 j 13:45	29°♐03'30	
evening set	-1530 Dec 20 j 14:40	28°♐11'15	
inferior conj	-1530 Dec 26 j 11:41	22°♐30'24	3°26'45
minimum elong	-1530 Dec 26 j 09:00	22°♐38'28	3°26'12
min. Earth dist.	-1530 Dec 28 j 07:54	20°♐17'31	0.64918 AU
morning rise	-1529 Jan 01 j 02:12	16°♐22'29	
direct	-1529 Jan 07 j 19:40	13°♐31'33	
morning max el	-1529 Jan 21 j 02:22	21°♐13'31	27°05'37
desc. node	-1529 Jan 23 j 14:50	23°♐52'26	
	-1529 Jan 28 j 18:22	0°♑	
	-1529 Feb 17 j 13:27	0°♒	
morning set	-1529 Feb 25 j 15:37	14°♒51'47	
max. Earth dist.	-1529 Mar 02 j 07:04	24°♒05'05	1.34095 AU
	-1529 Mar 05 j 03:55	0°♓	
superior conj	-1529 Mar 05 j 22:27	1°♓36'57	0°-58'-53
minimum elong	-1529 Mar 06 j 01:08	1°♓51'01	0°58'25
asc. node	-1529 Mar 11 j 20:47	14°♓09'12	
evening rise	-1529 Mar 13 j 08:39	17°♓17'12	
	-1529 Mar 19 j 18:12	0°♈	
evening max el	-1529 Apr 02 j 17:55	20°♈03'29	21°42'41
retrograde	-1529 Apr 15 j 02:26	26°♈03'57	
evening set	-1529 Apr 17 j 16:22	25°♈48'58	
desc. node	-1529 Apr 21 j 13:54	24°♈35'23	
inferior conj	-1529 Apr 27 j 01:14	21°♈46'08	-1°-31'-57
minimum elong	-1529 Apr 26 j 21:00	21°♈52'05	1°30'29
min. Earth dist.	-1529 Apr 26 j 21:43	21°♈51'05	0.55081 AU

morning rise	-1529 May 06 j 02:30	17°♈47'59	
direct	-1529 May 09 j 01:09	17°♈28'54	
morning max el	-1529 May 21 j 07:38	23°♈16'29	21°48'54
	-1529 May 27 j 05:29	0°♉	
asc. node	-1529 Jun 07 j 20:06	19°♉34'02	
morning set	-1529 Jun 11 j 02:21	26°♉11'16	
	-1529 Jun 12 j 22:08	0°♊	
superior conj	-1529 Jun 18 j 10:57	11°♊39'44	1°31'31
minimum elong	-1529 Jun 18 j 08:31	11°♊27'02	1°31'18
max. Earth dist.	-1529 Jun 22 j 00:06	18°♊59'04	1.34803 AU
evening rise	-1529 Jun 26 j 15:23	28°♊09'49	
	-1529 Jun 27 j 14:26	0°♋	
	-1529 Jul 15 j 10:33	0°♌	
desc. node	-1529 Jul 18 j 13:11	4°♌26'38	
evening max el	-1529 Jul 31 j 16:53	20°♌11'38	26°55'17
retrograde	-1529 Aug 13 j 20:25	27°♌30'20	
evening set	-1529 Aug 20 j 15:20	24°♌44'46	
min. Earth dist.	-1529 Aug 24 j 13:35	20°♌47'48	0.65495 AU
inferior conj	-1529 Aug 26 j 10:37	18°♌36'49	-2°-39'-45
minimum elong	-1529 Aug 26 j 14:22	18°♌25'52	2°38'28
morning rise	-1529 Sep 01 j 14:44	12°♌55'47	
asc. node	-1529 Sep 03 j 19:18	12°♌14'33	
direct	-1529 Sep 04 j 10:05	12°♌12'27	
morning max el	-1529 Sep 11 j 00:21	15°♌48'45	18°21'26
	-1529 Sep 21 j 07:15	0°♍	
morning set	-1529 Sep 30 j 04:18	14°♍25'16	
	-1529 Oct 09 j 19:27	0°♎	
desc. node	-1529 Oct 14 j 12:37	7°♎29'53	
superior conj	-1529 Oct 15 j 04:52	8°♎34'07	0°-4'-24
minimum elong	-1529 Oct 15 j 04:18	8°♎31'49	0°04'21
behind sun begin	-1529 Oct 14 j 17:27	7°♎48'57	
behind sun end	-1529 Oct 15 j 15:08	9°♎14'41	
max. Earth dist.	-1529 Oct 17 j 09:01	11°♎59'46	1.44900 AU
	-1529 Oct 28 j 20:30	0°♏	
evening rise	-1529 Oct 31 j 16:43	4°♏27'11	
greatest brilliancy	-1529 Nov 15 j 00:29	26°♏37'39	-0.7m
	-1529 Nov 17 j 07:56	0°♐	
evening max el	-1529 Nov 24 j 05:50	8°♐45'28	19°23'34
asc. node	-1529 Nov 30 j 18:30	12°♐51'33	
retrograde	-1529 Dec 01 j 09:57	12°♐53'54	
evening set	-1529 Dec 04 j 17:39	11°♐49'29	
inferior conj	-1529 Dec 10 j 09:07	5°♐53'27	2°53'25
minimum elong	-1529 Dec 10 j 06:11	6°♐02'54	2°52'34
min. Earth dist.	-1529 Dec 11 j 15:09	4°♐16'42	0.66113 AU
	-1529 Dec 15 j 09:22	30°℞♏	
morning rise	-1529 Dec 15 j 17:56	29°♏40'28	
direct	-1529 Dec 21 j 23:37	26°♏56'30	
	-1529 Dec 29 j 13:24	0°♐	
morning max el	-1528 Jan 03 j 11:51	4°♐19'43	26°03'42
desc. node	-1528 Jan 10 j 11:55	12°♐17'03	
	-1528 Jan 23 j 04:21	0°♑	
morning set	-1528 Feb 08 j 16:01	27°♑48'53	
	-1528 Feb 09 j 20:08	0°♒	
max. Earth dist.	-1528 Feb 12 j 16:06	5°♒24'09	1.35513 AU
superior conj	-1528 Feb 17 j 18:54	15°♒33'41	-1°-22'-43
minimum elong	-1528 Feb 17 j 22:22	15°♒51'13	1°22'15
	-1528 Feb 24 j 19:18	0°♓	
evening rise	-1528 Feb 25 j 15:50	1°♓45'20	
asc. node	-1528 Feb 26 j 17:50	3°♓57'45	
	-1528 Mar 13 j 16:23	0°♈	
evening max el	-1528 Mar 14 j 23:16	1°♈18'11	20°21'55
retrograde	-1528 Mar 25 j 16:23	6°♈25'35	
evening set	-1528 Mar 27 j 20:58	6°♈13'38	
inferior conj	-1528 Apr 05 j 21:16	2°♈15'45	0°26'35

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1528 Apr 05 j 22:28	2°♈13'58	0°26'10
desc. node	-1528 Apr 07 j 10:59	1°♈20'18	
min. Earth dist.	-1528 Apr 07 j 11:49	1°♈19'05	0.55328 AU
	-1528 Apr 09 j 20:27	30°℞♓	
morning rise	-1528 Apr 14 j 21:42	27°♓56'24	
direct	-1528 Apr 18 j 13:56	27°♓26'56	
	-1528 Apr 26 j 20:50	0°♈	
morning max el	-1528 May 02 j 02:36	4°♈05'00	23°27'08
	-1528 May 20 j 00:37	0°♉	
asc. node	-1528 May 24 j 17:09	9°♉21'22	
morning set	-1528 May 25 j 13:48	11°♉09'01	
superior conj	-1528 Jun 01 j 17:09	26°♉25'30	1°15'17
minimum elong	-1528 Jun 01 j 14:36	26°♉11'52	1°14'55
	-1528 Jun 03 j 09:21	0°♊	
max. Earth dist.	-1528 Jun 03 j 23:52	1°♊16'51	1.33663 AU
evening rise	-1528 Jun 09 j 07:34	12°♊13'43	
	-1528 Jun 18 j 20:32	0°♋	
desc. node	-1528 Jul 04 j 10:13	23°♋33'20	
	-1528 Jul 09 j 19:38	0°♌	
evening max el	-1528 Jul 13 j 04:04	3°♌26'57	27°22'42
retrograde	-1528 Jul 26 j 17:47	10°♌48'26	
evening set	-1528 Aug 02 j 20:43	8°♌05'33	
min. Earth dist.	-1528 Aug 06 j 12:56	4°♌44'13	0.64103 AU
inferior conj	-1528 Aug 08 j 23:22	2°♌09'35	-3°-27'-52
minimum elong	-1528 Aug 09 j 03:44	1°♌57'59	3°26'41
	-1528 Aug 11 j 01:56	30°℞♋	
morning rise	-1528 Aug 15 j 12:38	26°♋44'49	
direct	-1528 Aug 18 j 02:52	26°♋10'43	
asc. node	-1528 Aug 20 j 16:23	26°♋44'13	
morning max el	-1528 Aug 24 j 15:29	29°♋37'34	17°59'07
	-1528 Aug 25 j 00:16	0°♌	
morning set	-1528 Sep 10 j 20:26	25°♌58'35	
	-1528 Sep 13 j 04:58	0°♍	
superior conj	-1528 Sep 23 j 19:56	17°♍42'55	0°42'03
minimum elong	-1528 Sep 24 j 00:21	18°♍00'50	0°41'29
max. Earth dist.	-1528 Sep 29 j 02:15	26°♍11'18	1.44270 AU
desc. node	-1528 Sep 30 j 09:38	28°♍15'57	
	-1528 Oct 01 j 11:56	0°♎	
evening rise	-1528 Oct 10 j 02:53	13°♎26'42	
	-1528 Oct 20 j 23:52	0°♏	
greatest brilliancy	-1528 Oct 30 j 23:36	14°♏24'44	-0.6m
evening max el	-1528 Nov 06 j 09:38	22°♏12'51	20°21'26
retrograde	-1528 Nov 14 j 07:24	26°♏52'11	
asc. node	-1528 Nov 16 j 15:35	26°♏20'43	
evening set	-1528 Nov 18 j 00:01	25°♏33'15	
inferior conj	-1528 Nov 23 j 11:46	19°♏25'17	2°11'57
minimum elong	-1528 Nov 23 j 09:10	19°♏34'03	2°11'02
min. Earth dist.	-1528 Nov 24 j 05:06	18°♏26'49	0.66937 AU
morning rise	-1528 Nov 28 j 17:47	13°♏09'40	
direct	-1528 Dec 04 j 08:55	10°♏41'55	
morning max el	-1528 Dec 15 j 20:16	17°♏32'09	24°44'17
	-1528 Dec 26 j 07:00	0°♐	
desc. node	-1528 Dec 27 j 08:58	1°♐27'18	
	-1527 Jan 15 j 05:03	0°♑	
morning set	-1527 Jan 20 j 21:26	9°♑44'57	
max. Earth dist.	-1527 Jan 24 j 14:44	16°♑26'30	1.37342 AU
superior conj	-1527 Jan 31 j 05:09	28°♑55'30	-1°-42'-39
minimum elong	-1527 Jan 31 j 08:36	29°♑12'19	1°42'22
	-1527 Jan 31 j 18:22	0°♒	
evening rise	-1527 Feb 08 j 17:32	15°♒51'09	
asc. node	-1527 Feb 12 j 14:53	23°♒28'38	
	-1527 Feb 16 j 04:02	0°♓	
evening max el	-1527 Feb 25 j 15:42	13°♓10'49	19°18'53
retrograde	-1527 Mar 06 j 16:39	17°♓30'20	
evening set	-1527 Mar 08 j 22:33	17°♓15'31	
inferior conj	-1527 Mar 17 j 06:03	13°♓06'51	2°08'41
minimum elong	-1527 Mar 17 j 10:29	12°♓59'28	2°07'23
min. Earth dist.	-1527 Mar 20 j 02:51	11°♓13'11	0.56465 AU
desc. node	-1527 Mar 25 j 08:04	8°♓26'19	
morning rise	-1527 Mar 25 j 18:32	8°♓16'31	
direct	-1527 Mar 30 j 13:43	7°♓23'36	
morning max el	-1527 Apr 13 j 17:23	14°♓37'06	25°05'49
	-1527 Apr 25 j 21:33	0°♈	
morning set	-1527 May 10 j 01:56	26°♈09'53	
asc. node	-1527 May 11 j 14:12	29°♈22'15	
	-1527 May 11 j 21:16	0°♉	
superior conj	-1527 May 17 j 02:59	11°♉22'20	0°55'20
minimum elong	-1527 May 17 j 00:50	11°♉10'35	0°54'57
max. Earth dist.	-1527 May 18 j 07:41	13°♉58'16	1.32904 AU
evening rise	-1527 May 24 j 08:28	26°♉44'22	
	-1527 May 25 j 23:05	0°♊	
	-1527 Jun 12 j 06:05	0°♋	
desc. node	-1527 Jun 21 j 07:15	11°♋48'59	
evening max el	-1527 Jun 25 j 12:44	16°♋14'56	27°19'46
retrograde	-1527 Jul 09 j 08:37	23°♋34'28	
evening set	-1527 Jul 16 j 12:15	21°♋07'33	
min. Earth dist.	-1527 Jul 20 j 02:17	18°♋14'15	0.62369 AU
inferior conj	-1527 Jul 23 j 01:23	15°♋26'41	-4°-7'-16
minimum elong	-1527 Jul 23 j 05:20	15°♋17'20	4°06'33
morning rise	-1527 Jul 30 j 00:52	10°♋21'25	
direct	-1527 Aug 01 j 12:31	9°♋53'45	
asc. node	-1527 Aug 07 j 13:27	12°♋39'27	
morning max el	-1527 Aug 08 j 06:28	13°♋19'19	17°54'58
	-1527 Aug 19 j 14:48	0°♌	
morning set	-1527 Aug 24 j 10:18	8°♌34'42	
superior conj	-1527 Sep 04 j 13:43	28°♌11'17	1°16'56
minimum elong	-1527 Sep 04 j 18:52	28°♌33'17	1°16'24
	-1527 Sep 05 j 15:17	0°♍	
max. Earth dist.	-1527 Sep 11 j 16:01	10°♍01'14	1.43009 AU
desc. node	-1527 Sep 17 j 06:38	19°♍01'03	
evening rise	-1527 Sep 19 j 09:41	22°♍21'28	
	-1527 Sep 24 j 08:33	0°♎	
	-1527 Oct 15 j 09:04	0°♏	
greatest brilliancy	-1527 Oct 15 j 07:34	29°♎55'18	-0.4m
evening max el	-1527 Oct 20 j 07:33	5°♏40'17	21°31'26
retrograde	-1527 Oct 29 j 04:08	10°♏55'57	
evening set	-1527 Nov 02 j 07:49	9°♏20'11	
asc. node	-1527 Nov 03 j 12:39	8°♏16'24	
inferior conj	-1527 Nov 07 j 17:28	3°♏03'35	1°24'37
minimum elong	-1527 Nov 07 j 15:37	3°♏09'56	1°23'53
min. Earth dist.	-1527 Nov 07 j 23:27	2°♏42'56	0.67417 AU
	-1527 Nov 10 j 00:07	30°℞♎	
morning rise	-1527 Nov 12 j 23:08	26°♎47'47	
direct	-1527 Nov 17 j 22:51	24°♎41'18	
	-1527 Nov 27 j 09:50	0°♏	
morning max el	-1527 Nov 28 j 05:23	0°♏48'18	23°17'21
greatest brilliancy	-1527 Dec 03 j 10:44	6°♏40'49	-0.3m
desc. node	-1527 Dec 14 j 05:59	21°♏09'59	
	-1527 Dec 20 j 05:55	0°♐	
morning set	-1526 Jan 02 j 01:30	20°♐23'03	
max. Earth dist.	-1526 Jan 06 j 10:02	27°♐49'03	1.39422 AU
	-1526 Jan 07 j 16:00	0°♑	
superior conj	-1526 Jan 14 j 00:57	11°♑30'39	-1°-55'-57
minimum elong	-1526 Jan 14 j 03:04	11°♑40'26	1°55'56
evening rise	-1526 Jan 23 j 11:03	29°♑27'10	
	-1526 Jan 23 j 17:52	0°♒	
asc. node	-1526 Jan 30 j 11:56	12°♒34'58	
evening max el	-1526 Feb 08 j 17:20	25°♒36'32	18°35'35

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

retrograde	-1526 Feb 16 j 11:15	29°♒23'15	
evening set	-1526 Feb 18 j 21:09	29°♒02'32	
inferior conj	-1526 Feb 26 j 10:49	24°♒34'26	3°16'11
minimum elong	-1526 Feb 26 j 14:45	24°♒26'46	3°15'25
min. Earth dist.	-1526 Mar 01 j 20:13	21°♒57'55	0.58231 AU
morning rise	-1526 Mar 06 j 04:33	19°♒14'57	
direct	-1526 Mar 12 j 02:29	17°♒46'56	
desc. node	-1526 Mar 12 j 05:07	17°♒46'58	
morning max el	-1526 Mar 26 j 10:05	25°♒20'28	26°29'54
	-1526 Mar 30 j 18:00	0°♓	
	-1526 Apr 19 j 00:16	0°♈	
morning set	-1526 Apr 24 j 12:57	11°♈06'43	
asc. node	-1526 Apr 28 j 11:14	19°♈30'50	
superior conj	-1526 May 01 j 14:31	26°♈22'29	0°32'35
minimum elong	-1526 May 01 j 13:07	26°♈14'51	0°32'17
max. Earth dist.	-1526 May 01 j 19:58	26°♈52'25	1.32502 AU
	-1526 May 03 j 06:14	0°♉	
evening rise	-1526 May 08 j 15:05	11°♉30'47	
	-1526 May 18 j 04:22	0°♊	
evening max el	-1526 Jun 07 j 16:01	28°♊22'11	26°43'50
desc. node	-1526 Jun 08 j 04:17	28°♊51'02	
	-1526 Jun 09 j 11:10	0°♋	
retrograde	-1526 Jun 21 j 15:48	5°♋38'58	
evening set	-1526 Jun 28 j 09:31	3°♋41'21	
min. Earth dist.	-1526 Jul 02 j 05:26	1°♋02'24	0.60378 AU
	-1526 Jul 03 j 12:17	30°℞♊	
inferior conj	-1526 Jul 05 j 13:06	28°♊18'16	-4°-31'-37
minimum elong	-1526 Jul 05 j 15:01	28°♊14'19	4°31'29
morning rise	-1526 Jul 12 j 23:41	23°♊35'17	
direct	-1526 Jul 15 j 10:51	23°♊12'06	
morning max el	-1526 Jul 22 j 18:21	26°♊45'58	18°10'03
asc. node	-1526 Jul 25 j 10:28	29°♊44'16	
	-1526 Jul 25 j 15:27	0°♋	
morning set	-1526 Aug 07 j 16:10	21°♋57'18	
	-1526 Aug 11 j 23:13	0°♌	
superior conj	-1526 Aug 17 j 09:50	9°♌58'16	1°38'09
minimum elong	-1526 Aug 17 j 13:09	10°♌13'10	1°37'56
max. Earth dist.	-1526 Aug 25 j 00:22	23°♌13'52	1.41268 AU
	-1526 Aug 29 j 02:06	0°♍	
evening rise	-1526 Aug 30 j 07:13	1°♍58'34	
desc. node	-1526 Sep 04 j 03:38	9°♍41'45	
	-1526 Sep 17 j 18:56	0°♎	
greatest brilliancy	-1526 Sep 28 j 00:00	13°♎32'44	-0.3m
evening max el	-1526 Oct 02 j 23:52	19°♎08'30	22°49'24
retrograde	-1526 Oct 12 j 22:39	25°♎02'50	
evening set	-1526 Oct 17 j 15:20	23°♎08'36	
asc. node	-1526 Oct 21 j 09:40	18°♎58'40	
inferior conj	-1526 Oct 23 j 00:21	16°♎46'59	0°33'13
minimum elong	-1526 Oct 22 j 23:35	16°♎49'39	0°32'54
min. Earth dist.	-1526 Oct 22 j 19:50	17°♎02'34	0.67572 AU
morning rise	-1526 Oct 28 j 07:48	10°♎33'26	
direct	-1526 Nov 01 j 16:37	8°♎49'30	
morning max el	-1526 Nov 10 j 18:36	14°♎11'07	21°51'57
greatest brilliancy	-1526 Nov 15 j 14:46	19°♎40'49	-0.4m
	-1526 Nov 23 j 08:41	0°♏	
desc. node	-1526 Dec 01 j 03:00	11°♏16'04	
morning set	-1526 Dec 13 j 00:30	29°♏37'27	
	-1526 Dec 13 j 06:08	0°♐	
max. Earth dist.	-1526 Dec 19 j 09:28	10°♐00'53	1.41478 AU
superior conj	-1526 Dec 27 j 01:08	23°♐06'16	-1°-58'-55
minimum elong	-1526 Dec 27 j 00:04	23°♐01'34	1°58'57
	-1526 Dec 30 j 22:05	0°♑	
evening rise	-1525 Jan 06 j 17:04	12°♑26'00	
	-1525 Jan 16 j 15:20	0°♒	
asc. node	-1525 Jan 17 j 08:58	1°♒08'56	
evening max el	-1525 Jan 23 j 01:28	8°♒27'52	18°12'20
retrograde	-1525 Jan 29 j 23:55	11°♒57'41	
evening set	-1525 Feb 01 j 13:35	11°♒29'38	
inferior conj	-1525 Feb 08 j 11:59	6°♒39'54	3°49'01
minimum elong	-1525 Feb 08 j 13:36	6°♒36'14	3°48'53
min. Earth dist.	-1525 Feb 11 j 19:06	3°♒42'52	0.60277 AU
morning rise	-1525 Feb 15 j 10:34	0°♒59'03	
	-1525 Feb 17 j 06:22	30°℞♑	
direct	-1525 Feb 22 j 03:05	28°♑53'18	
desc. node	-1525 Feb 27 j 02:10	29°♑57'24	
	-1525 Feb 27 j 04:38	0°♒	
morning max el	-1525 Mar 08 j 08:43	6°♒37'58	27°25'39
	-1525 Mar 25 j 22:28	0°♓	
morning set	-1525 Apr 08 j 21:07	25°♓53'20	
	-1525 Apr 10 j 20:14	0°♈	
asc. node	-1525 Apr 15 j 08:16	9°♈42'53	
max. Earth dist.	-1525 Apr 15 j 08:56	9°♈46'32	1.32450 AU
superior conj	-1525 Apr 16 j 02:04	11°♈20'12	0°07'50
minimum elong	-1525 Apr 16 j 01:42	11°♈18'14	0°07'46
behind sun begin	-1525 Apr 15 j 21:18	10°♈54'07	
behind sun end	-1525 Apr 16 j 06:07	11°♈42'23	
evening rise	-1525 Apr 23 j 01:12	26°♈25'14	
	-1525 Apr 24 j 18:25	0°♉	
	-1525 May 12 j 03:53	0°♊	
evening max el	-1525 May 20 j 12:29	9°♊44'32	25°37'29
desc. node	-1525 May 26 j 01:19	14°♊09'48	
retrograde	-1525 Jun 03 j 13:57	16°♊56'54	
evening set	-1525 Jun 09 j 08:47	15°♊37'26	
min. Earth dist.	-1525 Jun 14 j 00:38	12°♊54'47	0.58333 AU
inferior conj	-1525 Jun 17 j 07:00	10°♊34'53	-4°-31'-23
minimum elong	-1525 Jun 17 j 05:06	10°♊38'18	4°31'17
morning rise	-1525 Jun 25 j 05:19	6°♊14'35	
direct	-1525 Jun 27 j 17:19	5°♊54'46	
morning max el	-1525 Jul 06 j 00:14	9°♊49'06	18°45'18
asc. node	-1525 Jul 12 j 07:30	17°♊43'56	
	-1525 Jul 19 j 07:59	0°♋	
morning set	-1525 Jul 22 j 09:30	5°♋54'19	
superior conj	-1525 Jul 31 j 02:59	22°♋48'37	1°47'16
minimum elong	-1525 Jul 31 j 03:56	22°♋53'07	1°47'16
	-1525 Aug 03 j 23:46	0°♌	
max. Earth dist.	-1525 Aug 07 j 03:38	5°♌41'19	1.39290 AU
evening rise	-1525 Aug 11 j 05:16	12°♌45'12	
	-1525 Aug 21 j 21:04	0°♍	
desc. node	-1525 Aug 22 j 00:39	0°♍13'46	
	-1525 Sep 12 j 23:47	0°♎	
evening max el	-1525 Sep 15 j 12:19	2°♎38'55	24°09'43
retrograde	-1525 Sep 26 j 13:49	9°♎08'58	
evening set	-1525 Oct 01 j 20:51	6°♎56'05	
min. Earth dist.	-1525 Oct 06 j 15:51	1°♎23'24	0.67416 AU
inferior conj	-1525 Oct 07 j 06:41	0°♎33'16	0°-20'-41
minimum elong	-1525 Oct 07 j 07:11	0°♎31'35	0°20'30
	-1525 Oct 07 j 16:33	30°℞♍	
asc. node	-1525 Oct 08 j 06:42	29°♍12'47	
morning rise	-1525 Oct 12 j 17:47	24°♍24'43	
direct	-1525 Oct 16 j 13:17	23°♍01'49	
morning max el	-1525 Oct 24 j 14:32	27°♍42'53	20°34'57
	-1525 Oct 26 j 17:03	0°♎	
greatest brilliancy	-1525 Oct 30 j 19:41	5°♎06'36	-0.5m
	-1525 Nov 16 j 22:15	0°♏	
desc. node	-1525 Nov 18 j 00:00	1°♏38'26	
morning set	-1525 Nov 22 j 01:04	7°♏52'35	
max. Earth dist.	-1525 Dec 01 j 15:56	23°♏05'13	1.43224 AU
	-1525 Dec 05 j 21:40	0°♐	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1525 Dec 08 j 00:16	3°♐29'37	-1°-47'-14
minimum elong	-1525 Dec 07 j 18:46	3°♐06'44	1°46'53
evening rise	-1525 Dec 20 j 07:32	24°♐38'52	
	-1525 Dec 23 j 08:31	0°♑	
asc. node	-1524 Jan 04 j 06:00	19°♑00'11	
evening max el	-1524 Jan 06 j 13:09	21°♑36'30	18°08'44
retrograde	-1524 Jan 13 j 02:33	25°♑03'04	
evening set	-1524 Jan 15 j 19:55	24°♑26'40	
inferior conj	-1524 Jan 22 j 06:17	19°♑15'46	3°54'45
minimum elong	-1524 Jan 22 j 05:36	19°♑17'31	3°54'42
min. Earth dist.	-1524 Jan 25 j 02:11	16°♑22'13	0.62295 AU
morning rise	-1524 Jan 28 j 13:07	13°♑21'06	
direct	-1524 Feb 04 j 13:26	10°♑45'57	
desc. node	-1524 Feb 13 j 23:12	14°♑35'24	
morning max el	-1524 Feb 18 j 13:15	18°♑35'37	27°45'38
	-1524 Feb 28 j 04:59	0°♒	
	-1524 Mar 17 j 17:15	0°♓	
morning set	-1524 Mar 23 j 00:22	10°♓22'02	
max. Earth dist.	-1524 Mar 28 j 18:34	22°♓25'51	1.32759 AU
superior conj	-1524 Mar 30 j 11:58	26°♓09'22	0°-18'-6
minimum elong	-1524 Mar 30 j 12:49	26°♓13'56	0°17'55
asc. node	-1524 Apr 01 j 05:20	29°♓54'02	
	-1524 Apr 01 j 06:26	0°♈	
evening rise	-1524 Apr 06 j 12:49	11°♈20'36	
	-1524 Apr 16 j 03:00	0°♉	
evening max el	-1524 May 01 j 04:08	20°♉32'46	24°10'05
desc. node	-1524 May 11 j 22:20	27°♉09'09	
retrograde	-1524 May 15 j 00:49	27°♉31'12	
evening set	-1524 May 19 j 10:43	26°♉47'47	
min. Earth dist.	-1524 May 25 j 15:35	23°♉45'40	0.56544 AU
inferior conj	-1524 May 28 j 04:53	22°♉09'54	-3°-54'-52
minimum elong	-1524 May 27 j 23:02	22°♉19'06	3°53'45
morning rise	-1524 Jun 05 j 15:14	18°♉07'46	
direct	-1524 Jun 08 j 04:50	17°♉50'18	
morning max el	-1524 Jun 17 j 21:19	22°♉19'38	19°41'16
	-1524 Jun 24 j 05:14	0°♊	
asc. node	-1524 Jun 28 j 04:34	6°♊26'09	
morning set	-1524 Jul 05 j 11:01	20°♊17'34	
	-1524 Jul 10 j 06:16	0°♋	
superior conj	-1524 Jul 13 j 11:39	6°♋26'54	1°46'44
minimum elong	-1524 Jul 13 j 10:43	6°♋22'17	1°46'44
max. Earth dist.	-1524 Jul 19 j 06:33	17°♋36'18	1.37344 AU
evening rise	-1524 Jul 23 j 03:56	24°♋43'58	
	-1524 Jul 26 j 03:42	0°♌	
desc. node	-1524 Aug 07 j 21:40	20°♌32'22	
	-1524 Aug 14 j 11:56	0°♍	
evening max el	-1524 Aug 27 j 23:33	16°♍13'20	25°25'13
retrograde	-1524 Sep 09 j 00:42	23°♍10'22	
evening set	-1524 Sep 14 j 22:38	20°♍40'46	
min. Earth dist.	-1524 Sep 19 j 09:10	15°♍43'51	0.66944 AU
inferior conj	-1524 Sep 20 j 10:47	14°♍20'47	-1°-15'-34
minimum elong	-1524 Sep 20 j 12:39	14°♍14'45	1°14'50
asc. node	-1524 Sep 24 j 03:44	9°♍57'40	
morning rise	-1524 Sep 26 j 03:15	8°♍20'10	
direct	-1524 Sep 29 j 11:33	7°♍15'21	
morning max el	-1524 Oct 06 j 17:56	11°♍24'03	19°30'48
greatest brilliancy	-1524 Oct 15 j 16:30	22°♍51'40	-0.7m
	-1524 Oct 20 j 11:49	0°♎	
morning set	-1524 Oct 31 j 00:52	16°♎13'52	
desc. node	-1524 Nov 03 j 21:03	22°♎12'31	
	-1524 Nov 08 j 20:34	0°♏	
max. Earth dist.	-1524 Nov 13 j 05:09	6°♏52'17	1.44431 AU
superior conj	-1524 Nov 16 j 20:34	12°♏40'03	-1°-17'-48
minimum elong	-1524 Nov 16 j 12:43	12°♏08'44	1°17'00
	-1524 Nov 27 j 12:06	0°♐	
evening rise	-1524 Dec 01 j 02:04	5°♐58'02	
	-1524 Dec 16 j 00:25	0°♑	
evening max el	-1524 Dec 20 j 01:42	4°♑56'18	18°24'00
asc. node	-1524 Dec 21 j 03:02	5°♑56'47	
retrograde	-1524 Dec 26 j 14:49	8°♑31'15	
evening set	-1524 Dec 29 j 12:39	7°♑45'12	
inferior conj	-1523 Jan 04 j 13:51	2°♑14'46	3°41'03
minimum elong	-1523 Jan 04 j 11:39	2°♑21'02	3°40'43
	-1523 Jan 06 j 13:01	30°℞♐	
min. Earth dist.	-1523 Jan 06 j 18:55	29°♐43'31	0.64068 AU
morning rise	-1523 Jan 10 j 09:12	26°♐10'59	
direct	-1523 Jan 17 j 07:28	23°♐21'16	
	-1523 Jan 29 j 17:19	0°♑	
desc. node	-1523 Jan 30 j 20:16	1°♑05'11	
morning max el	-1523 Jan 30 j 21:34	1°♑08'24	27°29'24
	-1523 Feb 21 j 07:17	0°♒	
morning set	-1523 Mar 06 j 20:05	24°♒23'59	
	-1523 Mar 09 j 15:06	0°♓	
max. Earth dist.	-1523 Mar 11 j 21:01	4°♓37'59	1.33479 AU
superior conj	-1523 Mar 14 j 18:26	10°♓43'48	0°-44'-13
minimum elong	-1523 Mar 14 j 20:30	10°♓54'44	0°43'49
asc. node	-1523 Mar 19 j 02:23	19°♓59'57	
evening rise	-1523 Mar 22 j 00:13	26°♓10'26	
	-1523 Mar 23 j 20:27	0°♈	
	-1523 Apr 11 j 16:08	0°♉	
evening max el	-1523 Apr 12 j 20:28	1°♉10'52	22°35'13
retrograde	-1523 Apr 25 j 22:36	7°♉37'05	
desc. node	-1523 Apr 28 j 19:24	7°♉19'02	
evening set	-1523 Apr 29 j 01:02	7°♉16'00	
min. Earth dist.	-1523 May 07 j 05:00	3°♉42'56	0.55368 AU
inferior conj	-1523 May 08 j 08:35	3°♉03'36	-2°-34'-44
minimum elong	-1523 May 08 j 02:15	3°♉12'39	2°32'49
	-1523 May 14 j 09:38	30°℞♈	
morning rise	-1523 May 17 j 05:44	29°♈08'42	
direct	-1523 May 19 j 23:30	28°♈51'20	
	-1523 May 25 j 06:21	0°♉	
morning max el	-1523 May 31 j 07:33	4°♉08'37	20°57'21
asc. node	-1523 Jun 15 j 01:39	25°♉39'55	
	-1523 Jun 17 j 06:57	0°♊	
morning set	-1523 Jun 19 j 18:01	4°♊59'10	
superior conj	-1523 Jun 27 j 07:14	20°♊39'06	1°38'46
minimum elong	-1523 Jun 27 j 05:09	20°♊28'23	1°38'38
max. Earth dist.	-1523 Jul 01 j 15:36	29°♊25'38	1.35635 AU
	-1523 Jul 01 j 22:34	0°♋	
evening rise	-1523 Jul 05 j 22:35	7°♋42'06	
	-1523 Jul 18 j 19:51	0°♌	
desc. node	-1523 Jul 25 j 18:42	10°♌30'26	
evening max el	-1523 Aug 10 j 11:10	29°♌47'53	26°28'00
	-1523 Aug 10 j 16:12	0°♍	
retrograde	-1523 Aug 23 j 06:35	7°♍00'44	
evening set	-1523 Aug 29 j 18:34	4°♍19'02	
	-1523 Sep 02 j 21:12	30°℞♌	
min. Earth dist.	-1523 Sep 02 j 21:13	29°♌59'58	0.66134 AU
inferior conj	-1523 Sep 04 j 10:43	28°♌05'48	-2°-9'-44
minimum elong	-1523 Sep 04 j 13:52	27°♌56'13	2°08'34
morning rise	-1523 Sep 10 j 10:09	22°♌16'28	
asc. node	-1523 Sep 11 j 00:49	21°♌58'01	
direct	-1523 Sep 13 j 09:37	21°♌26'10	
morning max el	-1523 Sep 20 j 03:42	25°♌11'35	18°41'57
	-1523 Sep 24 j 04:42	0°♍	
morning set	-1523 Oct 10 j 21:43	25°♍41'18	
	-1523 Oct 13 j 14:39	0°♎	
desc. node	-1523 Oct 21 j 18:06	12°♎53'48	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1523 Oct 26 j 22:25	21°♎03'16	0°-33'-6
minimum elong	-1523 Oct 26 j 18:05	20°♎46'12	0°32'35
max. Earth dist.	-1523 Oct 26 j 22:58	21°♎05'27	1.44947 AU
	-1523 Nov 01 j 14:43	0°♏	
evening rise	-1523 Nov 11 j 21:01	16°♏17'24	
	-1523 Nov 20 j 11:05	0°♐	
evening max el	-1523 Dec 03 j 12:30	18°♐21'57	18°57'05
asc. node	-1523 Dec 08 j 00:03	21°♐44'20	
retrograde	-1523 Dec 10 j 09:00	22°♐15'21	
evening set	-1523 Dec 13 j 12:41	21°♐18'04	
inferior conj	-1523 Dec 19 j 07:06	15°♐30'27	3°13'44
minimum elong	-1523 Dec 19 j 04:14	15°♐39'23	3°13'02
min. Earth dist.	-1523 Dec 20 j 21:06	13°♐32'35	0.65479 AU
morning rise	-1523 Dec 24 j 18:49	9°♐20'23	
direct	-1523 Dec 31 j 07:54	6°♐31'03	
morning max el	-1522 Jan 13 j 07:12	14°♐05'53	26°42'02
desc. node	-1522 Jan 17 j 17:21	18°♐55'04	
	-1522 Jan 26 j 06:56	0°♑	
	-1522 Feb 13 j 23:41	0°♒	
morning set	-1522 Feb 18 j 04:50	7°♒48'43	
max. Earth dist.	-1522 Feb 22 j 13:06	16°♒16'43	1.34645 AU
superior conj	-1522 Feb 26 j 19:20	24°♒56'57	-1°-9'-20
minimum elong	-1522 Feb 26 j 22:25	25°♒12'51	1°08'50
	-1522 Mar 01 j 05:31	0°♓	
asc. node	-1522 Mar 05 j 23:27	9°♓56'29	
evening rise	-1522 Mar 06 j 09:33	10°♓48'53	
	-1522 Mar 16 j 13:14	0°♈	
evening max el	-1522 Mar 25 j 19:52	12°♈06'42	21°06'25
retrograde	-1522 Apr 06 j 12:05	17°♈44'31	
evening set	-1522 Apr 08 j 20:31	17°♈31'39	
desc. node	-1522 Apr 15 j 16:27	14°♈54'39	
inferior conj	-1522 Apr 18 j 03:16	13°♈33'14	0°-41'-39
minimum elong	-1522 Apr 18 j 01:18	13°♈36'01	0°40'57
min. Earth dist.	-1522 Apr 18 j 18:18	13°♈11'59	0.55070 AU
morning rise	-1522 Apr 27 j 05:35	9°♈28'28	
direct	-1522 Apr 30 j 10:36	9°♈06'08	
morning max el	-1522 May 13 j 07:10	15°♈15'48	22°29'49
	-1522 May 24 j 16:00	0°♉	
asc. node	-1522 Jun 01 j 22:45	15°♉17'06	
morning set	-1522 Jun 04 j 04:24	19°♉52'50	
	-1522 Jun 08 j 23:05	0°♊	
superior conj	-1522 Jun 11 j 10:21	5°♊14'57	1°25'09
minimum elong	-1522 Jun 11 j 07:48	5°♊01'29	1°24'52
max. Earth dist.	-1522 Jun 14 j 10:10	11°♊31'02	1.34274 AU
evening rise	-1522 Jun 19 j 08:09	21°♊25'27	
	-1522 Jun 23 j 20:37	0°♋	
desc. node	-1522 Jul 12 j 15:42	29°♋59'05	
	-1522 Jul 12 j 15:58	0°♌	
evening max el	-1522 Jul 23 j 22:55	13°♌13'25	27°10'17
retrograde	-1522 Aug 06 j 06:58	20°♌33'09	
evening set	-1522 Aug 13 j 06:09	17°♌47'20	
min. Earth dist.	-1522 Aug 17 j 01:38	14°♌06'08	0.64957 AU
inferior conj	-1522 Aug 19 j 04:17	11°♌44'23	-3°00'-56
minimum elong	-1522 Aug 19 j 08:24	11°♌32'51	2°59'38
morning rise	-1522 Aug 25 j 12:09	6°♌09'48	
direct	-1522 Aug 28 j 05:08	5°♌30'38	
asc. node	-1522 Aug 28 j 21:55	5°♌33'16	
morning max el	-1522 Sep 03 j 17:40	9°♌01'31	18°09'45
	-1522 Sep 18 j 00:48	0°♍	
morning set	-1522 Sep 21 j 22:47	6°♍31'31	
superior conj	-1522 Oct 06 j 02:36	29°♍38'25	0°16'21
minimum elong	-1522 Oct 06 j 04:37	29°♍46'24	0°16'05
behind sun begin	-1522 Oct 06 j 03:04	29°♍40'15	
behind sun end	-1522 Oct 06 j 06:09	29°♍52'34	
	-1522 Oct 06 j 08:01	0°♎	
desc. node	-1522 Oct 08 j 15:05	3°♎38'52	
max. Earth dist.	-1522 Oct 09 j 17:47	5°♎24'32	1.44724 AU
evening rise	-1522 Oct 22 j 16:53	25°♎40'15	
	-1522 Oct 25 j 11:57	0°♏	
greatest brilliancy	-1522 Nov 09 j 01:03	21°♏58'42	-0.6m
	-1522 Nov 15 j 03:38	0°♐	
evening max el	-1522 Nov 16 j 19:16	1°♐48'54	19°46'28
retrograde	-1522 Nov 24 j 06:03	6°♐09'34	
asc. node	-1522 Nov 24 j 21:07	6°♐07'18	
evening set	-1522 Nov 27 j 17:22	4°♐59'03	
	-1522 Dec 02 j 11:53	30°℞♏	
inferior conj	-1522 Dec 03 j 07:02	28°♏57'19	2°36'38
minimum elong	-1522 Dec 03 j 04:11	29°♏06'43	2°35'44
min. Earth dist.	-1522 Dec 04 j 07:21	27°♏37'10	0.66508 AU
morning rise	-1522 Dec 08 j 14:20	22°♏43'04	
direct	-1522 Dec 14 j 13:58	20°♏05'28	
morning max el	-1522 Dec 26 j 16:19	27°♏15'47	25°31'32
	-1522 Dec 29 j 06:17	0°♐	
desc. node	-1521 Jan 04 j 14:24	7°♐40'42	
	-1521 Jan 19 j 22:53	0°♑	
morning set	-1521 Jan 31 j 21:51	20°♑21'29	
max. Earth dist.	-1521 Feb 04 j 17:35	27°♑26'49	1.36252 AU
	-1521 Feb 06 j 01:44	0°♒	
superior conj	-1521 Feb 10 j 11:50	8°♒39'36	-1°-31'-47
minimum elong	-1521 Feb 10 j 15:25	8°♒57'29	1°31'23
evening rise	-1521 Feb 18 j 14:42	25°♒08'19	
asc. node	-1521 Feb 20 j 20:28	29°♒38'05	
	-1521 Feb 21 j 00:54	0°♓	
evening max el	-1521 Mar 08 j 05:50	23°♓36'25	19°52'40
retrograde	-1521 Mar 18 j 05:17	28°♓22'29	
evening set	-1521 Mar 20 j 09:39	28°♓09'48	
inferior conj	-1521 Mar 29 j 03:15	24°♓08'21	1°13'30
minimum elong	-1521 Mar 29 j 06:18	24°♓03'39	1°12'29
min. Earth dist.	-1521 Mar 31 j 08:27	22°♓46'41	0.55716 AU
desc. node	-1521 Apr 02 j 13:31	21°♓30'25	
morning rise	-1521 Apr 06 j 23:52	19°♓36'29	
direct	-1521 Apr 11 j 02:41	18°♓59'01	
morning max el	-1521 Apr 24 j 23:39	25°♓53'45	24°10'02
	-1521 Apr 28 j 20:32	0°♈	
	-1521 May 17 j 07:48	0°♉	
morning set	-1521 May 19 j 16:20	4°♉52'15	
asc. node	-1521 May 19 j 19:49	5°♉10'32	
superior conj	-1521 May 26 j 18:19	20°♉05'45	1°07'13
minimum elong	-1521 May 26 j 15:53	19°♉52'36	1°06'49
max. Earth dist.	-1521 May 28 j 13:41	23°♉58'56	1.33291 AU
	-1521 May 31 j 09:57	0°♊	
evening rise	-1521 Jun 03 j 04:23	5°♊41'09	
	-1521 Jun 16 j 11:30	0°♋	
desc. node	-1521 Jun 29 j 12:44	18°♋45'59	
evening max el	-1521 Jul 06 j 09:08	26°♋17'42	27°25'22
	-1521 Jul 10 j 18:28	0°♌	
retrograde	-1521 Jul 20 j 01:38	3°♌38'53	
evening set	-1521 Jul 27 j 06:09	1°♌00'43	
	-1521 Jul 28 j 13:06	30°℞♋	
min. Earth dist.	-1521 Jul 30 j 20:37	27°♋52'59	0.63403 AU
inferior conj	-1521 Aug 02 j 12:49	25°♋10'59	-3°-45'-59
minimum elong	-1521 Aug 02 j 17:11	24°♋59'57	3°44'57
morning rise	-1521 Aug 09 j 06:21	19°♋54'29	
direct	-1521 Aug 11 j 19:15	19°♋23'26	
asc. node	-1521 Aug 15 j 18:59	20°♋40'57	
morning max el	-1521 Aug 18 j 09:09	22°♋48'25	17°55'09
	-1521 Aug 24 j 00:10	0°♌	
morning set	-1521 Sep 04 j 00:55	18°♌33'43	
	-1521 Sep 10 j 15:26	0°♍	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1521 Sep 16 j 04:33	9°♍20'12	0°58'31
minimum elong	-1521 Sep 16 j 09:45	9°♍41'44	0°57'53
max. Earth dist.	-1521 Sep 22 j 09:59	19°♍29'37	1.43800 AU
desc. node	-1521 Sep 25 j 12:05	24°♍25'02	
	-1521 Sep 29 j 01:18	0°♎	
evening rise	-1521 Oct 01 j 23:21	4°♎32'01	
	-1521 Oct 18 j 23:22	0°♏	
greatest brilliancy	-1521 Oct 25 j 03:35	8°♏30'28	-0.5m
evening max el	-1521 Oct 30 j 20:31	15°♏16'06	20°49'51
retrograde	-1521 Nov 08 j 03:34	20°♏10'51	
asc. node	-1521 Nov 11 j 18:10	18°♏56'30	
evening set	-1521 Nov 12 j 00:35	18°♏44'58	
inferior conj	-1521 Nov 17 j 11:14	12°♏32'36	1°52'29
minimum elong	-1521 Nov 17 j 08:55	12°♏40'32	1°51'37
min. Earth dist.	-1521 Nov 17 j 23:33	11°♏50'31	0.67179 AU
morning rise	-1521 Nov 22 j 16:49	6°♏16'27	
direct	-1521 Nov 28 j 01:16	3°♏57'35	
morning max el	-1521 Dec 09 j 00:55	10°♏30'47	24°07'38
desc. node	-1521 Dec 22 j 11:25	27°♏06'04	
	-1521 Dec 24 j 12:47	0°♐	
	-1520 Jan 12 j 16:28	0°♑	
morning set	-1520 Jan 13 j 17:15	1°♑46'21	
max. Earth dist.	-1520 Jan 17 j 13:52	8°♑33'23	1.38212 AU
superior conj	-1520 Jan 24 j 16:27	21°♑42'30	-1°-49'-19
minimum elong	-1520 Jan 24 j 19:32	21°♑57'14	1°49'08
	-1520 Jan 28 j 23:11	0°♒	
evening rise	-1520 Feb 02 j 13:16	9°♒02'08	
asc. node	-1520 Feb 07 j 17:29	18°♒59'07	
	-1520 Feb 14 j 08:14	0°♓	
evening max el	-1520 Feb 19 j 02:23	5°♓43'19	18°57'56
retrograde	-1520 Feb 27 j 13:01	9°♓47'09	
evening set	-1520 Feb 29 j 20:21	9°♓30'14	
inferior conj	-1520 Mar 08 j 20:07	5°♓13'59	2°41'51
minimum elong	-1520 Mar 09 j 00:43	5°♓05'48	2°40'41
min. Earth dist.	-1520 Mar 12 j 00:26	2°♓59'29	0.57159 AU
morning rise	-1520 Mar 17 j 00:59	0°♓09'56	
	-1520 Mar 17 j 10:59	30°♑℞♒	
desc. node	-1520 Mar 19 j 10:34	29°♒23'19	
direct	-1520 Mar 22 j 07:56	29°♒03'09	
	-1520 Mar 27 j 05:39	0°♓	
morning max el	-1520 Apr 05 j 14:45	6°♓27'31	25°44'18
	-1520 Apr 22 j 20:54	0°♈	
morning set	-1520 May 03 j 04:08	19°♈51'34	
asc. node	-1520 May 05 j 16:50	25°♈14'54	
	-1520 May 07 j 21:22	0°♉	
superior conj	-1520 May 10 j 05:04	5°♉04'21	0°45'58
minimum elong	-1520 May 10 j 03:11	4°♉54'07	0°45'36
max. Earth dist.	-1520 May 10 j 23:36	6°♉45'37	1.32683 AU
evening rise	-1520 May 17 j 07:58	20°♉18'51	
	-1520 May 22 j 04:27	0°♊	
	-1520 Jun 09 j 19:55	0°♋	
desc. node	-1520 Jun 15 j 09:46	6°♋33'04	
evening max el	-1520 Jun 17 j 15:34	8°♋48'20	27°08'33
retrograde	-1520 Jul 01 j 13:40	16°♋07'45	
evening set	-1520 Jul 08 j 14:28	13°♋51'34	
min. Earth dist.	-1520 Jul 12 j 05:31	11°♋06'29	0.61532 AU
inferior conj	-1520 Jul 15 j 09:09	8°♋17'42	-4°-19'-59
minimum elong	-1520 Jul 15 j 12:28	8°♋10'16	4°19'32
morning rise	-1520 Jul 22 j 13:18	3°♋21'55	
direct	-1520 Jul 25 j 00:21	2°♋56'31	
morning max el	-1520 Jul 31 j 23:13	6°♋24'35	17°59'03
asc. node	-1520 Aug 01 j 16:02	7°♋07'17	
	-1520 Aug 16 j 02:22	0°♌	
morning set	-1520 Aug 16 j 22:12	1°♌30'42	
superior conj	-1520 Aug 27 j 10:01	20°♌23'12	1°27'33
minimum elong	-1520 Aug 27 j 14:34	20°♌43'03	1°27'09
	-1520 Sep 02 j 01:01	0°♍	
max. Earth dist.	-1520 Sep 03 j 21:01	3°♍02'59	1.42304 AU
evening rise	-1520 Sep 10 j 10:25	13°♍39'07	
desc. node	-1520 Sep 11 j 09:06	15°♍08'37	
	-1520 Sep 21 j 02:07	0°♎	
greatest brilliancy	-1520 Oct 07 j 21:51	23°♎20'48	-0.3m
evening max el	-1520 Oct 12 j 15:52	28°♎43'23	22°03'55
	-1520 Oct 13 j 23:19	0°♏	
retrograde	-1520 Oct 21 j 23:36	4°♏16'00	
evening set	-1520 Oct 26 j 08:27	2°♏32'43	
asc. node	-1520 Oct 28 j 15:12	0°♏17'04	
	-1520 Oct 28 j 20:59	30°♐℞♎	
inferior conj	-1520 Oct 31 j 17:40	26°♎13'27	1°03'16
minimum elong	-1520 Oct 31 j 16:15	26°♎18'22	1°02'40
min. Earth dist.	-1520 Oct 31 j 19:10	26°♎08'15	0.67519 AU
morning rise	-1520 Nov 05 j 23:49	19°♎58'00	
direct	-1520 Nov 10 j 17:03	18°♎01'01	
morning max el	-1520 Nov 20 j 11:17	23°♎49'04	22°40'16
greatest brilliancy	-1520 Nov 25 j 03:32	29°♎03'47	-0.3m
	-1520 Nov 25 j 21:54	0°♏	
desc. node	-1520 Dec 08 j 08:26	16°♏59'30	
	-1520 Dec 16 j 23:28	0°♐	
morning set	-1520 Dec 24 j 09:02	11°♐48'30	
max. Earth dist.	-1520 Dec 29 j 09:33	20°♐11'58	1.40317 AU
	-1519 Jan 04 j 00:31	0°♑	
superior conj	-1519 Jan 06 j 04:35	3°♑53'57	-1°-58'-45
minimum elong	-1519 Jan 06 j 05:35	3°♑58'27	1°58'46
evening rise	-1519 Jan 16 j 02:18	22°♑23'00	
	-1519 Jan 20 j 03:42	0°♒	
asc. node	-1519 Jan 24 j 14:30	7°♒52'41	
evening max el	-1519 Feb 01 j 07:13	18°♒21'27	18°23'18
retrograde	-1519 Feb 08 j 15:25	21°♒58'47	
evening set	-1519 Feb 11 j 02:59	21°♒35'07	
inferior conj	-1519 Feb 18 j 09:49	16°♒58'17	3°33'57
minimum elong	-1519 Feb 18 j 12:52	16°♒51'58	3°33'29
min. Earth dist.	-1519 Feb 21 j 19:57	14°♒09'43	0.59089 AU
morning rise	-1519 Feb 25 j 19:09	11°♒28'42	
direct	-1519 Mar 04 j 02:30	9°♒43'51	
desc. node	-1519 Mar 06 j 07:36	9°♒56'29	
morning max el	-1519 Mar 18 j 09:36	17°♒23'26	26°57'36
	-1519 Mar 28 j 20:32	0°♓	
	-1519 Apr 15 j 06:38	0°♈	
morning set	-1519 Apr 17 j 14:10	4°♈45'06	
asc. node	-1519 Apr 22 j 13:51	15°♈25'43	
superior conj	-1519 Apr 24 j 16:50	20°♈04'46	0°22'17
minimum elong	-1519 Apr 24 j 15:51	19°♈59'23	0°22'05
max. Earth dist.	-1519 Apr 24 j 12:32	19°♈41'12	1.32434 AU
	-1519 Apr 29 j 06:01	0°♉	
evening rise	-1519 May 01 j 16:22	5°♉10'09	
	-1519 May 14 j 22:10	0°♊	
evening max el	-1519 May 30 j 16:10	20°♊37'20	26°19'04
desc. node	-1519 Jun 02 j 06:48	22°♊55'47	
retrograde	-1519 Jun 13 j 17:26	27°♊52'44	
evening set	-1519 Jun 20 j 02:44	26°♊11'07	
min. Earth dist.	-1519 Jun 24 j 05:16	23°♊32'28	0.59492 AU
inferior conj	-1519 Jun 27 j 13:46	20°♊56'09	-4°-35'-16
minimum elong	-1519 Jun 27 j 14:14	20°♊55'14	4°35'15
morning rise	-1519 Jul 05 j 05:13	16°♊22'41	
direct	-1519 Jul 07 j 16:32	16°♊01'05	
morning max el	-1519 Jul 15 j 08:54	19°♊42'30	18°22'30
asc. node	-1519 Jul 19 j 13:05	24°♊37'21	
	-1519 Jul 23 j 01:37	0°♋	
morning set	-1519 Jul 31 j 09:28	15°♋09'22	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1519 Aug 08 j 05:25	0°♌	
superior conj	-1519 Aug 09 j 15:48	2°♌38'53	1°43'20
minimum elong	-1519 Aug 09 j 18:06	2°♌49'27	1°43'15
max. Earth dist.	-1519 Aug 17 j 02:43	15°♌55'23	1.40441 AU
evening rise	-1519 Aug 21 j 17:56	23°♌44'33	
	-1519 Aug 25 j 14:17	0°♍	
desc. node	-1519 Aug 29 j 06:07	5°♍46'11	
	-1519 Sep 15 j 00:05	0°♎	
evening max el	-1519 Sep 25 j 06:25	12°♎12'46	23°23'45
retrograde	-1519 Oct 05 j 16:43	18°♎22'39	
evening set	-1519 Oct 10 j 15:19	16°♎20'39	
min. Earth dist.	-1519 Oct 15 j 15:45	10°♎28'25	0.67546 AU
asc. node	-1519 Oct 15 j 12:15	10°♎40'24	
inferior conj	-1519 Oct 16 j 00:32	9°♎58'16	0°10'36
minimum elong	-1519 Oct 16 j 00:17	9°♎59'08	0°10'29
transit middle	-1519 Oct 16 j 00:17	9°♎59'08	0°10'29
transit begin	-1519 Oct 15 j 22:13	10°♎06'14	
transit end	-1519 Oct 16 j 02:22	9°♎52'01	
morning rise	-1519 Oct 21 j 09:18	3°♎46'22	
direct	-1519 Oct 25 j 12:20	2°♎11'25	
morning max el	-1519 Nov 03 j 02:58	7°♎14'40	21°17'47
greatest brilliancy	-1519 Nov 08 j 10:04	13°♎21'37	-0.4m
	-1519 Nov 20 j 09:13	0°♏	
desc. node	-1519 Nov 25 j 05:27	7°♏13'13	
morning set	-1519 Dec 03 j 20:42	20°♏31'36	
	-1519 Dec 09 j 18:58	0°♐	
max. Earth dist.	-1519 Dec 11 j 11:47	2°♐46'35	1.42279 AU
superior conj	-1519 Dec 18 j 18:47	15°♐00'35	-1°-56'-1
minimum elong	-1519 Dec 18 j 15:52	14°♐48'04	1°55'56
	-1519 Dec 27 j 07:04	0°♑	
evening rise	-1519 Dec 30 j 02:13	5°♑03'12	
asc. node	-1518 Jan 11 j 11:32	26°♑09'53	
	-1518 Jan 14 j 10:44	0°♒	
evening max el	-1518 Jan 15 j 17:19	1°♒21'34	18°08'27
retrograde	-1518 Jan 22 j 10:31	4°♒48'04	
evening set	-1518 Jan 25 j 01:52	4°♒16'26	
	-1518 Jan 31 j 00:48	30°℞♑	
inferior conj	-1518 Jan 31 j 18:44	29°♑17'30	3°54'16
minimum elong	-1518 Jan 31 j 19:19	29°♑16'07	3°54'14
min. Earth dist.	-1518 Feb 03 j 21:50	26°♑19'25	0.61160 AU
morning rise	-1518 Feb 07 j 10:11	23°♑30'25	
direct	-1518 Feb 14 j 07:30	21°♑10'39	
desc. node	-1518 Feb 21 j 04:39	23°♑14'04	
morning max el	-1518 Feb 28 j 10:41	28°♑57'18	27°38'42
	-1518 Mar 01 j 11:33	0°♒	
	-1518 Mar 22 j 16:06	0°♓	
morning set	-1518 Apr 01 j 20:32	19°♓25'00	
	-1518 Apr 06 j 20:45	0°♈	
max. Earth dist.	-1518 Apr 08 j 00:39	2°♈31'15	1.32540 AU
superior conj	-1518 Apr 09 j 03:54	4°♈59'42	0°-3'-5
minimum elong	-1518 Apr 09 j 04:02	5°♈00'27	0°03'03
behind sun begin	-1518 Apr 08 j 23:03	4°♈33'13	
behind sun end	-1518 Apr 09 j 09:01	5°♈27'41	
asc. node	-1518 Apr 09 j 10:53	5°♈37'53	
evening rise	-1518 Apr 16 j 03:22	20°♈06'12	
	-1518 Apr 20 j 23:59	0°♉	
	-1518 May 10 j 17:08	0°♊	
evening max el	-1518 May 12 j 10:20	1°♊43'36	25°02'09
desc. node	-1518 May 20 j 03:50	7°♊20'02	
retrograde	-1518 May 26 j 10:38	8°♊50'50	
evening set	-1518 May 31 j 16:19	7°♊47'53	
min. Earth dist.	-1518 Jun 05 j 22:08	4°♊58'39	0.57526 AU
inferior conj	-1518 Jun 08 j 23:17	2°♊55'45	-4°-21'-1
minimum elong	-1518 Jun 08 j 19:32	3°♊02'06	4°20'35
	-1518 Jun 13 j 18:21	30°℞♉	
morning rise	-1518 Jun 17 j 02:40	28°♉43'48	
direct	-1518 Jun 19 j 15:27	28°♉24'58	
	-1518 Jun 25 j 03:08	0°♊	
morning max el	-1518 Jun 28 j 11:15	2°♊32'17	19°06'32
asc. node	-1518 Jul 06 j 10:09	12°♊56'22	
morning set	-1518 Jul 15 j 06:39	29°♊18'31	
	-1518 Jul 15 j 15:03	0°♋	
superior conj	-1518 Jul 23 j 16:09	15°♋51'01	1°48'04
minimum elong	-1518 Jul 23 j 16:13	15°♋51'21	1°48'06
max. Earth dist.	-1518 Jul 30 j 05:33	28°♋08'02	1.38449 AU
	-1518 Jul 31 j 06:23	0°♌	
evening rise	-1518 Aug 03 j 02:50	5°♌02'24	
desc. node	-1518 Aug 16 j 03:10	26°♌13'08	
	-1518 Aug 18 j 15:38	0°♍	
evening max el	-1518 Sep 07 j 18:13	25°♍45'16	24°42'56
	-1518 Sep 12 j 18:02	0°♎	
retrograde	-1518 Sep 19 j 06:01	2°♎27'18	
evening set	-1518 Sep 24 j 19:30	0°♎06'54	
	-1518 Sep 24 j 22:41	30°℞♍	
min. Earth dist.	-1518 Sep 29 j 10:50	24°♍49'21	0.67256 AU
inferior conj	-1518 Sep 30 j 06:09	23°♍45'04	0°-43'-56
minimum elong	-1518 Sep 30 j 07:14	23°♍41'31	0°43'30
asc. node	-1518 Oct 02 j 09:18	21°♍00'25	
morning rise	-1518 Oct 05 j 19:20	17°♍39'43	
direct	-1518 Oct 09 j 09:53	16°♍24'49	
morning max el	-1518 Oct 17 j 02:08	20°♍50'31	20°05'59
greatest brilliancy	-1518 Oct 24 j 04:52	29°♍32'36	-0.6m
	-1518 Oct 24 j 12:50	0°♎	
desc. node	-1518 Nov 12 j 02:30	27°♎41'18	
morning set	-1518 Nov 12 j 17:54	28°♎40'51	
	-1518 Nov 13 j 14:21	0°♏	
max. Earth dist.	-1518 Nov 23 j 22:05	16°♏13'57	1.43814 AU
superior conj	-1518 Nov 29 j 06:22	24°♏52'20	-1°-36'-57
minimum elong	-1518 Nov 28 j 23:19	24°♏23'35	1°36'24
	-1518 Dec 02 j 09:07	0°♐	
evening rise	-1518 Dec 12 j 08:50	16°♐54'55	
	-1518 Dec 20 j 00:17	0°♑	
asc. node	-1518 Dec 29 j 08:35	13°♑40'01	
evening max el	-1518 Dec 30 j 05:44	14°♑36'10	18°12'56
retrograde	-1517 Jan 05 j 17:57	18°♑05'02	
evening set	-1517 Jan 08 j 13:08	17°♑24'34	
inferior conj	-1517 Jan 14 j 19:14	12°♑04'48	3°50'56
minimum elong	-1517 Jan 14 j 17:48	12°♑08'39	3°50'47
min. Earth dist.	-1517 Jan 17 j 08:52	9°♑19'13	0.63086 AU
morning rise	-1517 Jan 20 j 20:41	6°♑05'49	
direct	-1517 Jan 27 j 21:03	3°♑23'00	
desc. node	-1517 Feb 08 j 01:42	8°♑44'30	
morning max el	-1517 Feb 10 j 17:20	11°♑11'59	27°43'02
	-1517 Feb 25 j 14:19	0°♒	
	-1517 Mar 14 j 23:49	0°♓	
morning set	-1517 Mar 16 j 20:58	3°♓43'50	
max. Earth dist.	-1517 Mar 22 j 07:59	15°♓01'56	1.33023 AU
superior conj	-1517 Mar 24 j 12:36	19°♓43'30	0°-29'-12
minimum elong	-1517 Mar 24 j 13:57	19°♓50'51	0°28'55
asc. node	-1517 Mar 27 j 07:57	25°♓47'24	
	-1517 Mar 29 j 06:46	0°♈	
evening rise	-1517 Mar 31 j 15:10	5°♈00'23	
	-1517 Apr 14 j 03:32	0°♉	
evening max el	-1517 Apr 24 j 01:18	12°♉23'20	23°29'35
desc. node	-1517 May 07 j 00:52	19°♉09'42	
retrograde	-1517 May 07 j 15:42	19°♉10'34	
evening set	-1517 May 11 j 11:31	18°♉38'22	
min. Earth dist.	-1517 May 18 j 11:47	15°♉24'42	0.55959 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1517 May 20 j 12:45	14°♉11'47	-3°-26'-5
minimum elong	-1517 May 20 j 06:03	14°♉21'47	3°24'27
morning rise	-1517 May 29 j 04:06	10°♉14'54	
direct	-1517 May 31 j 19:06	9°♉57'50	
morning max el	-1517 Jun 11 j 03:51	14°♉45'35	20°11'20
	-1517 Jun 22 j 06:04	0°♊	
asc. node	-1517 Jun 23 j 07:14	1°♊52'55	
morning set	-1517 Jun 29 j 10:46	13°♊50'15	
superior conj	-1517 Jul 07 j 05:56	29°♊45'07	1°44'09
minimum elong	-1517 Jul 07 j 04:25	29°♊37'30	1°44'06
	-1517 Jul 07 j 08:54	0°♋	
max. Earth dist.	-1517 Jul 12 j 10:30	9°♋57'35	1.36578 AU
evening rise	-1517 Jul 16 j 10:35	17°♋27'32	
	-1517 Jul 23 j 14:15	0°♌	
desc. node	-1517 Aug 03 j 00:12	16°♌23'52	
	-1517 Aug 12 j 22:49	0°♍	
evening max el	-1517 Aug 21 j 05:19	9°♍19'34	25°53'57
retrograde	-1517 Sep 02 j 14:49	16°♍24'49	
evening set	-1517 Sep 08 j 19:04	13°♍48'57	
min. Earth dist.	-1517 Sep 13 j 02:04	9°♍08'18	0.66640 AU
inferior conj	-1517 Sep 14 j 08:42	7°♍31'25	-1°-38'-48
minimum elong	-1517 Sep 14 j 11:08	7°♍23'45	1°37'51
asc. node	-1517 Sep 19 j 06:24	2°♍12'43	
morning rise	-1517 Sep 20 j 03:58	1°♍35'32	
direct	-1517 Sep 23 j 08:11	0°♍37'27	
morning max el	-1517 Sep 30 j 08:34	4°♍35'03	19°08'08
	-1517 Oct 18 j 06:58	0°♎	
morning set	-1517 Oct 23 j 00:41	7°♎25'02	
desc. node	-1517 Oct 29 j 23:32	18°♎18'47	
	-1517 Nov 06 j 10:02	0°♏	
max. Earth dist.	-1517 Nov 06 j 13:44	0°♏14'36	1.44731 AU
superior conj	-1517 Nov 08 j 16:50	3°♏36'26	-1°00'-15
minimum elong	-1517 Nov 08 j 09:44	3°♏08'22	0°59'26
evening rise	-1517 Nov 23 j 17:40	27°♏49'10	
	-1517 Nov 25 j 01:34	0°♐	
evening max el	-1517 Dec 13 j 17:45	27°♐58'27	18°35'57
asc. node	-1517 Dec 16 j 05:39	0°♑09'06	
	-1517 Dec 16 j 00:36	0°♑	
retrograde	-1517 Dec 20 j 09:18	1°♑40'33	
evening set	-1517 Dec 23 j 09:19	0°♑50'02	
	-1517 Dec 24 j 15:34	30°℞♐	
inferior conj	-1517 Dec 29 j 07:21	25°♐11'48	3°30'52
minimum elong	-1517 Dec 29 j 04:46	25°♐19'27	3°30'23
min. Earth dist.	-1517 Dec 31 j 05:51	22°♐53'48	0.64708 AU
morning rise	-1516 Jan 03 j 22:59	19°♐04'46	
direct	-1516 Jan 10 j 17:52	16°♐13'38	
morning max el	-1516 Jan 24 j 02:45	23°♐57'36	27°12'42
desc. node	-1516 Jan 25 j 22:45	25°♐51'38	
	-1516 Jan 29 j 13:48	0°♑	
	-1516 Feb 18 j 22:28	0°♒	
morning set	-1516 Feb 28 j 12:32	17°♒31'43	
max. Earth dist.	-1516 Mar 04 j 06:26	27°♒00'35	1.33919 AU
	-1516 Mar 05 j 17:14	0°♓	
superior conj	-1516 Mar 07 j 16:58	4°♓09'37	0°-55'-4
minimum elong	-1516 Mar 07 j 19:30	4°♓22'55	0°54'37
asc. node	-1516 Mar 13 j 05:00	15°♓49'51	
evening rise	-1516 Mar 15 j 01:55	19°♓46'04	
	-1516 Mar 20 j 03:43	0°♈	
evening max el	-1516 Apr 04 j 19:49	23°♈05'40	21°55'59
retrograde	-1516 Apr 17 j 09:31	29°♈13'28	
evening set	-1516 Apr 20 j 02:04	28°♈57'20	
desc. node	-1516 Apr 22 j 21:54	28°♈08'27	
inferior conj	-1516 Apr 29 j 11:05	24°♈52'28	-1°-49'-16
minimum elong	-1516 Apr 29 j 06:09	24°♈59'24	1°47'37
min. Earth dist.	-1516 Apr 29 j 01:11	25°♈06'24	0.55122 AU
morning rise	-1516 May 08 j 11:31	20°♈55'44	
direct	-1516 May 11 j 08:31	20°♈37'20	
morning max el	-1516 May 23 j 09:33	26°♈17'14	21°35'05
	-1516 May 26 j 21:48	0°♉	
asc. node	-1516 Jun 09 j 04:19	21°♉17'46	
morning set	-1516 Jun 12 j 19:27	28°♉38'06	
	-1516 Jun 13 j 11:14	0°♊	
superior conj	-1516 Jun 20 j 05:08	14°♊09'19	1°33'37
minimum elong	-1516 Jun 20 j 02:47	13°♊57'02	1°33'24
max. Earth dist.	-1516 Jun 23 j 23:06	21°♊50'53	1.35005 AU
	-1516 Jun 28 j 02:21	0°♋	
evening rise	-1516 Jun 28 j 12:11	0°♋47'10	
	-1516 Jul 15 j 15:07	0°♌	
desc. node	-1516 Jul 19 j 21:13	6°♌11'13	
evening max el	-1516 Aug 02 j 16:55	22°♌51'25	26°48'55
	-1516 Aug 14 j 02:37	0°♍	
retrograde	-1516 Aug 15 j 18:38	0°♍09'05	
	-1516 Aug 17 j 09:29	30°℞♌	
evening set	-1516 Aug 22 j 11:49	27°♌24'14	
min. Earth dist.	-1516 Aug 26 j 11:10	23°♌21'31	0.65674 AU
inferior conj	-1516 Aug 28 j 06:13	21°♌14'41	-2°-32'-1
minimum elong	-1516 Aug 28 j 09:50	21°♌04'02	2°30'44
morning rise	-1516 Sep 03 j 09:05	15°♌31'20	
asc. node	-1516 Sep 05 j 03:28	14°♌52'51	
direct	-1516 Sep 06 j 05:23	14°♌46'22	
morning max el	-1516 Sep 12 j 20:28	18°♌24'52	18°26'09
	-1516 Sep 21 j 12:23	0°♍	
morning set	-1516 Oct 02 j 09:26	17°♍27'42	
	-1516 Oct 10 j 04:06	0°♎	
desc. node	-1516 Oct 15 j 20:34	9°♎02'21	
superior conj	-1516 Oct 17 j 16:50	11°♎57'06	0°-11'-56
minimum elong	-1516 Oct 17 j 15:15	11°♎50'52	0°11'44
behind sun begin	-1516 Oct 17 j 07:21	11°♎19'43	
behind sun end	-1516 Oct 17 j 23:09	12°♎22'02	
max. Earth dist.	-1516 Oct 19 j 07:48	14°♎30'33	1.44937 AU
	-1516 Oct 29 j 04:32	0°♏	
evening rise	-1516 Nov 03 j 02:15	7°♏42'40	
greatest brilliancy	-1516 Nov 16 j 03:40	28°♏05'14	-0.7m
	-1516 Nov 17 j 10:17	0°♐	
evening max el	-1516 Nov 26 j 03:01	11°♐24'41	19°16'15
asc. node	-1516 Dec 02 j 02:41	15°♐22'11	
retrograde	-1516 Dec 03 j 04:59	15°♐28'55	
evening set	-1516 Dec 06 j 11:34	14°♐26'28	
inferior conj	-1516 Dec 12 j 03:45	8°♐32'38	2°59'00
minimum elong	-1516 Dec 12 j 00:49	8°♐42'01	2°58'12
min. Earth dist.	-1516 Dec 13 j 11:50	6°♐50'12	0.65961 AU
morning rise	-1516 Dec 17 j 13:12	2°♐20'19	
	-1516 Dec 21 j 08:09	30°℞♏	
direct	-1516 Dec 23 j 20:57	29°♏34'30	
	-1516 Dec 26 j 13:08	0°♐	
morning max el	-1515 Jan 05 j 12:14	7°♐01'19	26°14'15
desc. node	-1515 Jan 11 j 19:49	14°♐07'26	
	-1515 Jan 23 j 09:37	0°♑	
	-1515 Feb 10 j 07:27	0°♒	
morning set	-1515 Feb 10 j 15:15	0°♒36'21	
max. Earth dist.	-1515 Feb 14 j 17:09	8°♒23'44	1.35270 AU
superior conj	-1515 Feb 19 j 14:40	18°♒10'52	-1°-19'-18
minimum elong	-1515 Feb 19 j 18:03	18°♒28'06	1°18'50
	-1515 Feb 25 j 07:56	0°♓	
evening rise	-1515 Feb 27 j 09:42	4°♓16'56	
asc. node	-1515 Feb 28 j 02:02	5°♓40'34	
	-1515 Mar 14 j 04:02	0°♈	
evening max el	-1515 Mar 17 j 23:37	4°♈15'26	20°32'57

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

retrograde	-1515 Mar 28 j 22:48	9°♈30'28	
evening set	-1515 Mar 31 j 03:58	9°♈18'31	
inferior conj	-1515 Apr 09 j 06:17	5°♈21'11	0°08'57
minimum elong	-1515 Apr 09 j 06:42	5°♈20'35	0°08'48
transit middle	-1515 Apr 09 j 06:42	5°♈20'35	0°08'48
transit begin	-1515 Apr 09 j 03:19	5°♈25'29	
transit end	-1515 Apr 09 j 10:05	5°♈15'41	
desc. node	-1515 Apr 09 j 18:57	5°♈02'47	
min. Earth dist.	-1515 Apr 10 j 15:07	4°♈33'36	0.55229 AU
morning rise	-1515 Apr 18 j 07:34	1°♈06'02	
direct	-1515 Apr 21 j 20:38	0°♈38'44	
morning max el	-1515 May 05 j 05:32	7°♈10'00	23°12'09
	-1515 May 21 j 10:08	0°♉	
asc. node	-1515 May 27 j 01:22	11°♉02'39	
morning set	-1515 May 28 j 06:41	13°♉35'02	
superior conj	-1515 Jun 04 j 10:36	28°♉52'49	1°18'02
minimum elong	-1515 Jun 04 j 08:03	28°♉39'08	1°17'40
	-1515 Jun 04 j 23:12	0°♊	
max. Earth dist.	-1515 Jun 06 j 21:35	4°♊05'36	1.33809 AU
evening rise	-1515 Jun 12 j 02:46	14°♊46'20	
	-1515 Jun 20 j 05:44	0°♋	
desc. node	-1515 Jul 06 j 18:14	25°♋24'15	
	-1515 Jul 10 j 10:45	0°♌	
evening max el	-1515 Jul 16 j 04:23	6°♌10'14	27°20'24
retrograde	-1515 Jul 29 j 16:47	13°♌31'13	
evening set	-1515 Aug 05 j 18:54	10°♌47'19	
min. Earth dist.	-1515 Aug 09 j 11:56	7°♌20'53	0.64339 AU
inferior conj	-1515 Aug 11 j 20:17	4°♌49'25	-3°-21'-3
minimum elong	-1515 Aug 12 j 00:37	4°♌37'45	3°19'49
	-1515 Aug 17 j 03:39	30°℞♋	
morning rise	-1515 Aug 18 j 08:07	29°♋21'52	
direct	-1515 Aug 20 j 23:00	28°♋46'32	
asc. node	-1515 Aug 23 j 00:32	29°♋08'35	
	-1515 Aug 24 j 18:09	0°♌	
morning max el	-1515 Aug 27 j 11:22	2°♌14'12	18°01'14
morning set	-1515 Sep 13 j 21:50	28°♌50'38	
	-1515 Sep 14 j 14:10	0°♍	
superior conj	-1515 Sep 27 j 04:35	20°♍55'55	0°35'39
minimum elong	-1515 Sep 27 j 08:30	21°♍11'46	0°35'08
max. Earth dist.	-1515 Oct 02 j 01:34	28°♍44'49	1.44415 AU
desc. node	-1515 Oct 02 j 17:35	29°♍48'25	
	-1515 Oct 02 j 20:31	0°♎	
evening rise	-1515 Oct 13 j 14:31	16°♎47'19	
	-1515 Oct 22 j 05:46	0°♏	
greatest brilliancy	-1515 Nov 02 j 14:30	16°♏37'31	-0.6m
evening max el	-1515 Nov 09 j 07:39	24°♏52'14	20°12'00
retrograde	-1515 Nov 17 j 02:21	29°♏26'22	
asc. node	-1515 Nov 18 j 23:43	29°♏05'51	
evening set	-1515 Nov 20 j 17:33	28°♏09'39	
inferior conj	-1515 Nov 26 j 05:45	22°♏03'15	2°18'39
minimum elong	-1515 Nov 26 j 03:04	22°♏12'15	2°17'43
min. Earth dist.	-1515 Nov 27 j 00:51	20°♏59'12	0.66838 AU
morning rise	-1515 Dec 01 j 12:01	15°♏48'03	
direct	-1515 Dec 07 j 05:27	13°♏17'31	
morning max el	-1515 Dec 18 j 20:44	20°♏13'09	24°56'53
	-1515 Dec 27 j 06:32	0°♐	
desc. node	-1515 Dec 29 j 16:52	3°♐11'48	
	-1514 Jan 16 j 13:44	0°♑	
morning set	-1514 Jan 23 j 23:52	12°♑42'36	
max. Earth dist.	-1514 Jan 27 j 17:09	19°♑27'22	1.37047 AU
	-1514 Feb 02 j 06:26	0°♒	
superior conj	-1514 Feb 03 j 02:39	1°♒38'43	-1°-40'00
minimum elong	-1514 Feb 03 j 06:11	1°♒56'00	1°39'41
evening rise	-1514 Feb 11 j 12:22	18°♒26'47	
asc. node	-1514 Feb 14 j 23:03	25°♒14'36	
	-1514 Feb 17 j 11:37	0°♓	
evening max el	-1514 Feb 28 j 14:25	16°♓02'29	19°27'04
retrograde	-1514 Mar 09 j 20:53	20°♓28'24	
evening set	-1514 Mar 12 j 02:20	20°♓14'12	
inferior conj	-1514 Mar 20 j 12:30	16°♓07'41	1°55'11
minimum elong	-1514 Mar 20 j 16:43	16°♓00'50	1°53'55
min. Earth dist.	-1514 Mar 23 j 05:46	14°♓22'05	0.56249 AU
desc. node	-1514 Mar 27 j 15:59	11°♓56'53	
morning rise	-1514 Mar 29 j 03:24	11°♓22'17	
direct	-1514 Apr 02 j 18:17	10°♓33'51	
morning max el	-1514 Apr 16 j 20:30	17°♓42'40	24°51'40
	-1514 Apr 26 j 22:46	0°♈	
morning set	-1514 May 12 j 18:47	28°♈35'38	
	-1514 May 13 j 10:46	0°♉	
asc. node	-1514 May 13 j 22:24	1°♉01'47	
superior conj	-1514 May 19 j 20:00	13°♉48'06	0°58'34
minimum elong	-1514 May 19 j 17:45	13°♉35'54	0°58'11
max. Earth dist.	-1514 May 21 j 04:26	16°♉43'54	1.32997 AU
evening rise	-1514 May 27 j 02:32	29°♉13'17	
	-1514 May 27 j 11:42	0°♊	
	-1514 Jun 13 j 09:06	0°♋	
desc. node	-1514 Jun 23 j 15:14	13°♋48'26	
evening max el	-1514 Jun 28 j 13:32	19°♋02'42	27°22'13
retrograde	-1514 Jul 12 j 08:28	26°♋22'21	
evening set	-1514 Jul 19 j 12:43	23°♋52'08	
min. Earth dist.	-1514 Jul 23 j 02:41	20°♋55'30	0.62650 AU
inferior conj	-1514 Jul 26 j 00:04	18°♋09'00	-4°-2'-6
minimum elong	-1514 Jul 26 j 04:11	17°♋59'06	4°01'19
morning rise	-1514 Aug 01 j 21:59	13°♋00'41	
direct	-1514 Aug 04 j 09:56	12°♋32'10	
asc. node	-1514 Aug 09 j 21:35	14°♋51'35	
morning max el	-1514 Aug 11 j 02:31	15°♋57'09	17°54'24
	-1514 Aug 20 j 22:44	0°♌	
morning set	-1514 Aug 27 j 08:50	11°♌18'28	
	-1514 Sep 07 j 01:12	0°♍	
superior conj	-1514 Sep 07 j 18:10	1°♍11'58	1°12'33
minimum elong	-1514 Sep 07 j 23:27	1°♍34'17	1°11'58
max. Earth dist.	-1514 Sep 14 j 16:13	12°♍40'00	1.43233 AU
desc. node	-1514 Sep 19 j 14:36	20°♍33'58	
evening rise	-1514 Sep 22 j 20:35	25°♍39'47	
	-1514 Sep 25 j 15:54	0°♎	
	-1514 Oct 16 j 06:59	0°♏	
greatest brilliancy	-1514 Oct 18 j 02:47	2°♏21'33	-0.4m
evening max el	-1514 Oct 23 j 06:25	8°♏19'36	21°20'21
retrograde	-1514 Oct 31 j 23:17	13°♏29'40	
evening set	-1514 Nov 05 j 01:13	11°♏56'26	
asc. node	-1514 Nov 05 j 20:45	11°♏15'15	
inferior conj	-1514 Nov 10 j 11:05	5°♏40'47	1°32'07
minimum elong	-1514 Nov 10 j 09:06	5°♏47'36	1°31'19
min. Earth dist.	-1514 Nov 10 j 18:39	5°♏14'45	0.67367 AU
	-1514 Nov 15 j 01:22	30°℞♎	
morning rise	-1514 Nov 15 j 16:41	29°♎24'53	
direct	-1514 Nov 20 j 18:37	27°♎15'14	
	-1514 Nov 27 j 07:56	0°♏	
morning max el	-1514 Dec 01 j 05:37	3°♏28'59	23°30'25
greatest brilliancy	-1514 Dec 07 j 07:56	10°♏25'17	-0.2m
desc. node	-1514 Dec 16 j 13:53	22°♏50'12	
	-1514 Dec 21 j 11:48	0°♐	
morning set	-1513 Jan 05 j 08:01	23°♐32'54	
	-1513 Jan 09 j 02:15	0°♑	
max. Earth dist.	-1513 Jan 09 j 12:35	0°♑45'10	1.39106 AU
superior conj	-1513 Jan 17 j 00:51	14°♑21'08	-1°-54'-33
minimum elong	-1513 Jan 17 j 03:16	14°♑32'28	1°54'27

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1513 Jan 25 j 04:58	0°♒	
evening rise	-1513 Jan 26 j 07:15	2°♒07'29	
asc. node	-1513 Feb 01 j 20:05	14°♒24'55	
evening max el	-1513 Feb 11 j 14:46	28°♒23'08	18°40'45
	-1513 Feb 13 j 12:07	0°♓	
retrograde	-1513 Feb 19 j 12:43	2°♓13'56	
evening set	-1513 Feb 21 j 21:55	1°♓54'17	
	-1513 Feb 26 j 00:50	30°℞♒	
inferior conj	-1513 Mar 01 j 14:07	27°♒29'16	3°08'18
minimum elong	-1513 Mar 01 j 18:18	27°♒21'18	3°07'25
min. Earth dist.	-1513 Mar 04 j 22:39	24°♒57'50	0.57939 AU
morning rise	-1513 Mar 09 j 10:47	22°♒13'29	
desc. node	-1513 Mar 14 j 13:01	20°♒52'24	
direct	-1513 Mar 15 j 04:58	20°♒51'18	
morning max el	-1513 Mar 29 j 12:41	28°♒22'44	26°18'55
	-1513 Mar 31 j 03:12	0°♓	
	-1513 Apr 20 j 10:33	0°♈	
morning set	-1513 Apr 27 j 06:04	13°♈33'21	
asc. node	-1513 Apr 30 j 19:26	21°♈09'25	
superior conj	-1513 May 04 j 07:22	28°♈48'00	0°36'10
minimum elong	-1513 May 04 j 05:50	28°♈39'37	0°35'53
max. Earth dist.	-1513 May 04 j 16:15	29°♈36'43	1.32538 AU
	-1513 May 04 j 20:31	0°♉	
evening rise	-1513 May 11 j 08:26	13°♉57'37	
	-1513 May 19 j 13:22	0°♊	
	-1513 Jun 09 j 10:44	0°♋	
evening max el	-1513 Jun 10 j 17:41	1°♋16'12	26°51'13
desc. node	-1513 Jun 10 j 12:15	1°♋03'12	
retrograde	-1513 Jun 24 j 17:00	8°♋33'45	
evening set	-1513 Jul 01 j 13:02	6°♋30'49	
min. Earth dist.	-1513 Jul 05 j 07:13	3°♋50'58	0.60681 AU
inferior conj	-1513 Jul 08 j 14:10	1°♋04'55	-4°-29'-18
minimum elong	-1513 Jul 08 j 16:30	0°♋59'58	4°29'06
	-1513 Jul 09 j 21:19	30°℞♊	
morning rise	-1513 Jul 15 j 23:03	26°♊18'41	
direct	-1513 Jul 18 j 10:10	25°♊54'58	
morning max el	-1513 Jul 25 j 15:06	29°♊26'53	18°06'36
	-1513 Jul 26 j 04:24	0°♋	
asc. node	-1513 Jul 27 j 18:39	1°♋47'04	
morning set	-1513 Aug 10 j 12:39	24°♋35'05	
	-1513 Aug 13 j 10:21	0°♌	
superior conj	-1513 Aug 20 j 10:43	12°♌48'31	1°35'45
minimum elong	-1513 Aug 20 j 14:23	13°♌04'52	1°35'30
max. Earth dist.	-1513 Aug 28 j 01:22	25°♌58'53	1.41545 AU
	-1513 Aug 30 j 11:20	0°♍	
evening rise	-1513 Sep 02 j 15:04	5°♍08'21	
desc. node	-1513 Sep 06 j 11:37	11°♍15'48	
	-1513 Sep 18 j 23:00	0°♎	
greatest brilliancy	-1513 Oct 01 j 03:23	16°♎22'15	-0.3m
evening max el	-1513 Oct 05 j 23:27	21°♎47'40	22°37'26
retrograde	-1513 Oct 15 j 18:19	27°♎36'36	
evening set	-1513 Oct 20 j 08:54	25°♎45'12	
asc. node	-1513 Oct 23 j 17:47	22°♎06'44	
inferior conj	-1513 Oct 25 j 17:56	19°♎23'56	0°41'16
minimum elong	-1513 Oct 25 j 16:58	19°♎27'14	0°40'50
min. Earth dist.	-1513 Oct 25 j 14:56	19°♎34'19	0.67569 AU
morning rise	-1513 Oct 31 j 00:59	13°♎09'49	
direct	-1513 Nov 04 j 11:54	11°♎22'36	
morning max el	-1513 Nov 13 j 18:04	16°♎51'06	22°04'14
greatest brilliancy	-1513 Nov 18 j 11:55	22°♎12'42	-0.4m
	-1513 Nov 24 j 10:58	0°♏	
desc. node	-1513 Dec 03 j 10:56	12°♏53'25	
	-1513 Dec 14 j 14:23	0°♐	
morning set	-1513 Dec 16 j 11:18	2°♐59'23	
max. Earth dist.	-1513 Dec 22 j 10:53	12°♐48'01	1.41188 AU
superior conj	-1513 Dec 30 j 04:17	26°♐06'16	-1°-59'-20
minimum elong	-1513 Dec 30 j 03:49	26°♐04'11	1°59'22
	-1512 Jan 01 j 08:40	0°♑	
evening rise	-1512 Jan 09 j 15:13	15°♑12'13	
	-1512 Jan 17 j 19:58	0°♒	
asc. node	-1512 Jan 19 j 17:06	3°♒04'10	
evening max el	-1512 Jan 25 j 22:06	11°♒10'55	18°14'32
retrograde	-1512 Feb 01 j 22:48	14°♒42'18	
evening set	-1512 Feb 04 j 11:52	14°♒15'28	
inferior conj	-1512 Feb 11 j 12:22	9°♒29'08	3°45'59
minimum elong	-1512 Feb 11 j 14:22	9°♒24'43	3°45'46
min. Earth dist.	-1512 Feb 14 j 20:37	6°♒33'23	0.59967 AU
morning rise	-1512 Feb 18 j 13:38	3°♒50'49	
direct	-1512 Feb 25 j 04:05	1°♒50'13	
desc. node	-1512 Feb 29 j 10:04	2°♒37'14	
morning max el	-1512 Mar 10 j 10:21	9°♒34'09	27°19'32
	-1512 Mar 26 j 03:35	0°♓	
morning set	-1512 Apr 10 j 14:47	28°♓21'53	
	-1512 Apr 11 j 09:37	0°♈	
asc. node	-1512 Apr 16 j 16:29	11°♈21'11	
max. Earth dist.	-1512 Apr 17 j 05:16	12°♈31'08	1.32429 AU
superior conj	-1512 Apr 17 j 19:02	13°♈46'31	0°11'41
minimum elong	-1512 Apr 17 j 18:30	13°♈43'38	0°11'35
behind sun begin	-1512 Apr 17 j 15:04	13°♈24'48	
behind sun end	-1512 Apr 17 j 21:57	14°♈02'28	
evening rise	-1512 Apr 24 j 18:09	28°♈51'18	
	-1512 Apr 25 j 07:15	0°♉	
	-1512 May 12 j 02:28	0°♊	
evening max el	-1512 May 22 j 15:08	12°♊45'13	25°49'06
desc. node	-1512 May 27 j 09:17	16°♊39'59	
retrograde	-1512 Jun 05 j 16:50	19°♊58'55	
evening set	-1512 Jun 11 j 15:46	18°♊33'37	
min. Earth dist.	-1512 Jun 16 j 03:33	15°♊52'32	0.58624 AU
inferior conj	-1512 Jun 19 j 10:57	13°♊27'37	-4°-33'-36
minimum elong	-1512 Jun 19 j 09:43	13°♊29'54	4°33'33
morning rise	-1512 Jun 27 j 07:29	9°♊04'03	
direct	-1512 Jun 29 j 19:12	8°♊43'52	
morning max el	-1512 Jul 07 j 22:07	12°♊34'29	18°38'44
asc. node	-1512 Jul 13 j 15:44	19°♊39'39	
	-1512 Jul 19 j 17:54	0°♋	
morning set	-1512 Jul 24 j 04:33	8°♋27'44	
superior conj	-1512 Aug 02 j 01:08	25°♋30'34	1°46'33
minimum elong	-1512 Aug 02 j 02:26	25°♋36'39	1°46'32
	-1512 Aug 04 j 11:07	0°♌	
max. Earth dist.	-1512 Aug 09 j 04:57	8°♌31'53	1.39589 AU
evening rise	-1512 Aug 13 j 09:19	15°♌44'16	
	-1512 Aug 22 j 04:23	0°♍	
desc. node	-1512 Aug 23 j 08:39	1°♍49'30	
	-1512 Sep 12 j 16:26	0°♎	
evening max el	-1512 Sep 17 j 12:22	5°♎17'48	23°57'53
retrograde	-1512 Sep 28 j 10:06	11°♎43'06	
evening set	-1512 Oct 03 j 14:52	9°♎33'05	
min. Earth dist.	-1512 Oct 08 j 11:15	3°♎55'09	0.67459 AU
inferior conj	-1512 Oct 09 j 00:30	3°♎10'11	0°-12'-23
minimum elong	-1512 Oct 09 j 00:48	3°♎09'10	0°12'17
transit middle	-1512 Oct 09 j 00:48	3°♎09'10	0°12'17
transit begin	-1512 Oct 08 j 23:00	3°♎15'15	
transit end	-1512 Oct 09 j 02:35	3°♎03'06	
asc. node	-1512 Oct 09 j 14:52	2°♎21'34	
	-1512 Oct 11 j 10:46	30°℞♍	
morning rise	-1512 Oct 14 j 10:55	27°♍00'33	
direct	-1512 Oct 18 j 08:18	25°♍34'38	
	-1512 Oct 26 j 04:21	0°♎	
morning max el	-1512 Oct 26 j 12:52	0°♎21'21	20°45'38
greatest brilliancy	-1512 Nov 01 j 11:38	7°♎22'31	-0.5m

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1512 Nov 17 j 04:57	0°♏	
desc. node	-1512 Nov 19 j 07:59	3°♏13'56	
morning set	-1512 Nov 24 j 14:10	11°♏20'07	
max. Earth dist.	-1512 Dec 03 j 16:01	25°♏44'10	1.42996 AU
	-1512 Dec 06 j 06:46	0°♐	
superior conj	-1512 Dec 10 j 07:30	6°♐41'28	-1°-50'-6
minimum elong	-1512 Dec 10 j 02:39	6°♐21'08	1°49'52
evening rise	-1512 Dec 22 j 08:19	27°♐32'40	
	-1512 Dec 23 j 17:32	0°♑	
asc. node	-1511 Jan 05 j 14:08	21°♑02'53	
evening max el	-1511 Jan 08 j 09:31	24°♑18'01	18°08'04
retrograde	-1511 Jan 14 j 23:35	27°♑44'06	
evening set	-1511 Jan 17 j 16:25	27°♑08'58	
inferior conj	-1511 Jan 24 j 04:23	22°♑01'16	3°55'15
minimum elong	-1511 Jan 24 j 04:01	22°♑02'12	3°55'13
min. Earth dist.	-1511 Jan 27 j 02:22	19°♑05'46	0.62008 AU
morning rise	-1511 Jan 30 j 13:19	16°♑08'26	
direct	-1511 Feb 06 j 13:15	13°♑36'42	
desc. node	-1511 Feb 15 j 07:09	16°♑55'37	
morning max el	-1511 Feb 20 j 14:00	21°♑25'56	27°45'02
	-1511 Feb 28 j 01:56	0°♒	
	-1511 Mar 19 j 03:44	0°♓	
morning set	-1511 Mar 25 j 18:58	12°♓54'11	
max. Earth dist.	-1511 Mar 31 j 15:38	25°♓13'48	1.32686 AU
superior conj	-1511 Apr 02 j 05:21	28°♓37'57	0°-14'-6
minimum elong	-1511 Apr 02 j 06:00	28°♓41'30	0°13'59
behind sun begin	-1511 Apr 02 j 03:34	28°♓28'17	
behind sun end	-1511 Apr 02 j 08:26	28°♓54'43	
	-1511 Apr 02 j 20:27	0°♈	
asc. node	-1511 Apr 03 j 13:32	1°♈32'59	
evening rise	-1511 Apr 09 j 05:44	13°♈47'31	
	-1511 Apr 17 j 10:43	0°♉	
evening max el	-1511 May 04 j 07:23	23°♉38'05	24°24'00
desc. node	-1511 May 14 j 06:18	0°♊03'14	
	-1511 May 14 j 02:07	0°♊	
retrograde	-1511 May 18 j 05:29	0°♊39'17	
	-1511 May 22 j 09:44	30°℞♉	
evening set	-1511 May 22 j 20:32	29°♉51'17	
min. Earth dist.	-1511 May 28 j 19:02	26°♉52'52	0.56780 AU
inferior conj	-1511 May 31 j 11:54	25°♉09'38	-4°-3'-16
minimum elong	-1511 May 31 j 06:31	25°♉18'16	4°02'20
morning rise	-1511 Jun 08 j 20:26	21°♉05'09	
direct	-1511 Jun 11 j 09:47	20°♉47'21	
morning max el	-1511 Jun 20 j 20:40	25°♉10'42	19°31'34
	-1511 Jun 25 j 03:10	0°♊	
asc. node	-1511 Jun 30 j 12:49	8°♊16'31	
morning set	-1511 Jul 08 j 05:04	22°♊47'56	
	-1511 Jul 11 j 18:58	0°♋	
superior conj	-1511 Jul 16 j 07:49	9°♋02'43	1°47'20
minimum elong	-1511 Jul 16 j 07:07	8°♋59'19	1°47'20
max. Earth dist.	-1511 Jul 22 j 07:40	20°♋30'56	1.37628 AU
evening rise	-1511 Jul 26 j 04:36	27°♋33'08	
	-1511 Jul 27 j 13:53	0°♌	
desc. node	-1511 Aug 10 j 05:40	22°♌10'31	
	-1511 Aug 15 j 14:42	0°♍	
evening max el	-1511 Aug 30 j 23:45	18°♍52'05	25°14'35
retrograde	-1511 Sep 11 j 21:37	25°♍45'21	
evening set	-1511 Sep 17 j 17:20	23°♍18'08	
min. Earth dist.	-1511 Sep 22 j 05:08	18°♍15'43	0.67038 AU
inferior conj	-1511 Sep 23 j 05:04	16°♍57'34	-1°-7'-17
minimum elong	-1511 Sep 23 j 06:43	16°♍52'11	1°06'36
asc. node	-1511 Sep 26 j 11:58	12°♍58'05	
morning rise	-1511 Sep 28 j 20:37	10°♍55'33	
direct	-1511 Oct 02 j 06:30	9°♍48'09	
morning max el	-1511 Oct 09 j 15:09	14°♍00'54	19°39'22
greatest brilliancy	-1511 Oct 17 j 23:56	24°♍35'48	-0.6m
	-1511 Oct 21 j 16:45	0°♎	
morning set	-1511 Nov 03 j 12:25	19°♎35'39	
desc. node	-1511 Nov 06 j 05:01	23°♎46'28	
	-1511 Nov 10 j 04:45	0°♏	
max. Earth dist.	-1511 Nov 16 j 04:34	9°♏26'43	1.44293 AU
superior conj	-1511 Nov 20 j 07:34	16°♏02'01	-1°-23'-23
minimum elong	-1511 Nov 19 j 23:45	15°♏30'36	1°22'38
	-1511 Nov 28 j 20:54	0°♐	
evening rise	-1511 Dec 04 j 06:04	9°♐00'20	
	-1511 Dec 17 j 00:31	0°♑	
evening max el	-1511 Dec 22 j 22:08	7°♑36'56	18°20'35
asc. node	-1511 Dec 23 j 11:11	8°♑09'01	
retrograde	-1511 Dec 29 j 10:42	11°♑09'50	
evening set	-1510 Jan 01 j 07:52	10°♑25'13	
inferior conj	-1510 Jan 07 j 10:14	4°♑57'30	3°44'05
minimum elong	-1510 Jan 07 j 08:13	5°♑03'11	3°43'49
min. Earth dist.	-1510 Jan 09 j 17:32	2°♑22'12	0.63825 AU
	-1510 Jan 12 j 01:12	30°℞♐	
morning rise	-1510 Jan 13 j 07:03	28°♐54'59	
direct	-1510 Jan 20 j 06:09	26°♐06'35	
	-1510 Jan 29 j 12:03	0°♑	
desc. node	-1510 Feb 02 j 04:13	3°♑11'02	
morning max el	-1510 Feb 02 j 21:54	3°♑54'15	27°34'01
	-1510 Feb 22 j 13:44	0°♒	
morning set	-1510 Mar 09 j 15:59	27°♒00'49	
	-1510 Mar 11 j 03:49	0°♓	
max. Earth dist.	-1510 Mar 14 j 19:29	7°♓31'15	1.33347 AU
superior conj	-1510 Mar 17 j 12:27	13°♓15'05	0°-40'-16
minimum elong	-1510 Mar 17 j 14:19	13°♓25'07	0°39'55
asc. node	-1510 Mar 21 j 10:33	21°♓39'59	
evening rise	-1510 Mar 24 j 17:16	28°♓38'50	
	-1510 Mar 25 j 08:47	0°♈	
	-1510 Apr 12 j 01:05	0°♉	
evening max el	-1510 Apr 15 j 23:10	4°♉15'44	22°49'12
retrograde	-1510 Apr 29 j 04:54	10°♉47'48	
desc. node	-1510 May 01 j 03:22	10°♉39'30	
evening set	-1510 May 02 j 11:31	10°♉24'20	
min. Earth dist.	-1510 May 10 j 08:21	6°♉56'49	0.55497 AU
inferior conj	-1510 May 11 j 17:52	6°♉08'38	-2°-49'-30
minimum elong	-1510 May 11 j 11:16	6°♉18'10	2°47'37
morning rise	-1510 May 20 j 13:39	2°♉13'46	
direct	-1510 May 23 j 06:36	1°♉56'33	
morning max el	-1510 Jun 03 j 08:30	7°♉05'48	20°44'50
asc. node	-1510 Jun 17 j 09:53	27°♉26'01	
	-1510 Jun 18 j 18:02	0°♊	
morning set	-1510 Jun 22 j 11:23	7°♊27'14	
superior conj	-1510 Jun 30 j 02:00	23°♊10'31	1°40'23
minimum elong	-1510 Jun 30 j 00:02	23°♊00'31	1°40'16
	-1510 Jul 03 j 11:13	0°♋	
max. Earth dist.	-1510 Jul 04 j 15:38	2°♋20'09	1.35871 AU
evening rise	-1510 Jul 08 j 20:33	10°♋23'10	
	-1510 Jul 20 j 03:17	0°♌	
desc. node	-1510 Jul 28 j 02:41	12°♌12'20	
	-1510 Aug 11 j 01:36	0°♍	
evening max el	-1510 Aug 13 j 11:17	2°♍27'12	26°19'46
retrograde	-1510 Aug 26 j 04:11	9°♍38'06	
evening set	-1510 Sep 01 j 14:17	6°♍57'43	
min. Earth dist.	-1510 Sep 05 j 18:04	2°♍33'04	0.66279 AU
inferior conj	-1510 Sep 07 j 05:45	0°♍43'21	-2°-1'-42
minimum elong	-1510 Sep 07 j 08:43	0°♍34'14	2°00'33
	-1510 Sep 07 j 19:54	30°℞♌	
morning rise	-1510 Sep 13 j 04:03	24°♌52'15	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1510 Sep 13 j 09:03	24°♌45'21	
direct	-1510 Sep 16 j 04:42	24°♌00'01	
morning max el	-1510 Sep 23 j 00:08	27°♌48'07	18°48'11
	-1510 Sep 24 j 23:48	0°♍	
morning set	-1510 Oct 14 j 05:20	28°♍51'36	
	-1510 Oct 14 j 22:34	0°♎	
desc. node	-1510 Oct 24 j 02:03	14°♎27'07	
superior conj	-1510 Oct 30 j 11:02	24°♎29'05	0°-40'-30
minimum elong	-1510 Oct 30 j 05:49	24°♎08'33	0°39'51
max. Earth dist.	-1510 Oct 29 j 22:10	23°♎38'26	1.44917 AU
	-1510 Nov 02 j 23:00	0°♏	
evening rise	-1510 Nov 15 j 04:40	19°♏29'08	
	-1510 Nov 21 j 17:29	0°♐	
evening max el	-1510 Dec 06 j 09:19	21°♐01'58	18°51'04
asc. node	-1510 Dec 10 j 08:14	24°♐08'14	
retrograde	-1510 Dec 13 j 04:17	24°♐52'09	
evening set	-1510 Dec 16 j 06:59	23°♐56'37	
inferior conj	-1510 Dec 22 j 02:15	18°♐11'15	3°18'33
minimum elong	-1510 Dec 21 j 23:26	18°♐19'54	3°17'55
min. Earth dist.	-1510 Dec 23 j 18:22	16°♐08'06	0.65291 AU
morning rise	-1510 Dec 27 j 14:53	12°♐01'54	
direct	-1509 Jan 03 j 05:35	9°♐11'50	
morning max el	-1509 Jan 16 j 07:34	16°♐49'15	26°50'48
desc. node	-1509 Jan 20 j 01:15	20°♐50'33	
	-1509 Jan 27 j 07:53	0°♑	
	-1509 Feb 15 j 09:45	0°♒	
morning set	-1509 Feb 21 j 02:34	10°♒31'46	
max. Earth dist.	-1509 Feb 25 j 13:20	19°♒15'28	1.34446 AU
superior conj	-1509 Mar 01 j 14:16	27°♒31'37	-1°-5'-38
minimum elong	-1509 Mar 01 j 17:13	27°♒46'56	1°05'10
	-1509 Mar 02 j 18:42	0°♓	
asc. node	-1509 Mar 08 j 07:34	11°♓38'10	
evening rise	-1509 Mar 09 j 03:00	13°♓19'17	
	-1509 Mar 17 j 18:19	0°♈	
evening max el	-1509 Mar 28 j 21:02	15°♈06'49	21°18'45
retrograde	-1509 Apr 09 j 19:05	20°♈52'46	
evening set	-1509 Apr 12 j 05:09	20°♈39'19	
desc. node	-1509 Apr 18 j 00:23	18°♈34'06	
inferior conj	-1509 Apr 21 j 12:56	16°♈39'39	0°-59'-43
minimum elong	-1509 Apr 21 j 10:07	16°♈43'37	0°58'44
min. Earth dist.	-1509 Apr 21 j 21:29	16°♈27'37	0.55055 AU
morning rise	-1509 Apr 30 j 15:06	12°♈37'40	
direct	-1509 May 03 j 17:39	12°♈16'41	
morning max el	-1509 May 16 j 09:32	18°♈18'35	22°15'21
	-1509 May 25 j 19:18	0°♉	
asc. node	-1509 Jun 04 j 06:55	16°♉59'48	
morning set	-1509 Jun 06 j 21:20	22°♉19'20	
	-1509 Jun 10 j 12:44	0°♊	
superior conj	-1509 Jun 14 j 04:08	7°♊43'23	1°27'32
minimum elong	-1509 Jun 14 j 01:37	7°♊30'08	1°27'15
max. Earth dist.	-1509 Jun 17 j 08:35	14°♊21'41	1.34449 AU
evening rise	-1509 Jun 22 j 04:08	24°♊00'22	
	-1509 Jun 25 j 07:38	0°♋	
	-1509 Jul 13 j 16:56	0°♌	
desc. node	-1509 Jul 14 j 23:42	1°♌46'20	
evening max el	-1509 Jul 26 j 22:56	15°♌54'27	27°05'34
retrograde	-1509 Aug 09 j 05:27	23°♌13'59	
evening set	-1509 Aug 16 j 03:16	20°♌27'57	
min. Earth dist.	-1509 Aug 19 j 23:40	16°♌41'25	0.65153 AU
inferior conj	-1509 Aug 22 j 00:22	14°♌23'14	-2°-53'-31
minimum elong	-1509 Aug 22 j 04:22	14°♌11'51	2°52'13
morning rise	-1509 Aug 28 j 06:55	8°♌46'25	
direct	-1509 Aug 31 j 00:40	8°♌05'52	
asc. node	-1509 Aug 31 j 06:07	8°♌06'09	
morning max el	-1509 Sep 06 j 13:39	11°♌38'24	18°13'29
	-1509 Sep 19 j 08:18	0°♍	
morning set	-1509 Sep 25 j 02:15	9°♍29'59	
	-1509 Oct 07 j 16:34	0°♎	
superior conj	-1509 Oct 09 j 13:27	2°♎58'47	0°09'07
minimum elong	-1509 Oct 09 j 14:36	3°♎03'19	0°08'57
behind sun begin	-1509 Oct 09 j 05:21	2°♎26'33	
behind sun end	-1509 Oct 09 j 23:51	3°♎40'03	
desc. node	-1509 Oct 10 j 23:04	5°♎12'07	
max. Earth dist.	-1509 Oct 12 j 16:56	7°♎57'39	1.44802 AU
evening rise	-1509 Oct 26 j 03:39	28°♎59'39	
	-1509 Oct 26 j 19:10	0°♏	
greatest brilliancy	-1509 Nov 11 j 11:48	23°♏56'56	-0.7m
	-1509 Nov 15 j 21:14	0°♐	
evening max el	-1509 Nov 19 j 16:44	4°♐28'40	19°38'07
retrograde	-1509 Nov 27 j 01:04	8°♐45'00	
asc. node	-1509 Nov 27 j 05:17	8°♐44'49	
evening set	-1509 Nov 30 j 11:05	7°♐36'38	
inferior conj	-1509 Dec 06 j 01:20	1°♐36'46	2°42'46
minimum elong	-1509 Dec 05 j 22:26	1°♐46'14	2°41'52
min. Earth dist.	-1509 Dec 07 j 03:36	0°♐10'48	0.66379 AU
	-1509 Dec 07 j 06:56	30°℞♏	
morning rise	-1509 Dec 11 j 09:06	25°♏22'51	
direct	-1509 Dec 17 j 10:50	22°♏42'54	
morning max el	-1509 Dec 29 j 16:51	29°♏58'07	25°43'05
	-1509 Dec 29 j 17:36	0°♐	
desc. node	-1508 Jan 06 j 22:17	9°♐28'56	
	-1508 Jan 21 j 05:46	0°♑	
morning set	-1508 Feb 03 j 22:16	23°♑13'20	
	-1508 Feb 07 j 13:26	0°♒	
max. Earth dist.	-1508 Feb 07 j 19:22	0°♒28'19	1.35984 AU
superior conj	-1508 Feb 13 j 08:11	11°♒19'14	-1°-28'-40
minimum elong	-1508 Feb 13 j 11:44	11°♒37'05	1°28'14
evening rise	-1508 Feb 21 j 08:52	27°♒41'49	
	-1508 Feb 22 j 12:11	0°♓	
asc. node	-1508 Feb 23 j 04:36	1°♓22'23	
evening max el	-1508 Mar 10 j 05:20	26°♓31'08	20°02'30
	-1508 Mar 14 j 22:27	0°♈	
retrograde	-1508 Mar 20 j 10:59	1°♈24'39	
evening set	-1508 Mar 22 j 15:11	1°♈12'22	
	-1508 Mar 26 j 08:50	30°℞♓	
inferior conj	-1508 Mar 31 j 11:15	27°♓12'26	0°57'16
minimum elong	-1508 Mar 31 j 13:43	27°♓08'42	0°56'26
min. Earth dist.	-1508 Apr 02 j 11:37	25°♓59'23	0.55558 AU
desc. node	-1508 Apr 03 j 21:24	25°♓10'21	
morning rise	-1508 Apr 09 j 09:25	22°♓45'04	
direct	-1508 Apr 13 j 08:19	22°♓10'44	
morning max el	-1508 Apr 27 j 02:49	29°♓00'07	23°55'10
	-1508 Apr 28 j 03:17	0°♈	
	-1508 May 17 j 19:27	0°♉	
morning set	-1508 May 21 j 09:08	7°♉18'33	
asc. node	-1508 May 21 j 03:57	6°♉51'22	
superior conj	-1508 May 28 j 11:31	22°♉32'54	1°10'11
minimum elong	-1508 May 28 j 09:02	22°♉19'32	1°09'48
max. Earth dist.	-1508 May 30 j 10:48	26°♉46'17	1.33409 AU
	-1508 May 31 j 23:23	0°♊	
evening rise	-1508 Jun 04 j 23:00	8°♊12'25	
	-1508 Jun 16 j 18:39	0°♋	
desc. node	-1508 Jun 30 j 20:42	20°♋40'52	
evening max el	-1508 Jul 08 j 09:29	29°♋03'01	27°25'05
	-1508 Jul 09 j 09:57	0°♌	
retrograde	-1508 Jul 22 j 01:08	6°♌24'35	
evening set	-1508 Jul 29 j 05:14	3°♌44'24	
min. Earth dist.	-1508 Aug 01 j 20:12	0°♌32'08	0.63654 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1508 Aug 02 j 08:58	30°℞♋	
inferior conj	-1508 Aug 04 j 10:26	27°♋52'23	-3°-39'-44
minimum elong	-1508 Aug 04 j 14:49	27°♋41'05	3°38'40
morning rise	-1508 Aug 11 j 02:27	22°♋32'59	
direct	-1508 Aug 13 j 15:44	22°♋00'58	
asc. node	-1508 Aug 17 j 03:09	23°♋00'47	
morning max el	-1508 Aug 20 j 05:06	25°♋26'30	17°56'11
	-1508 Aug 24 j 00:19	0°♌	
morning set	-1508 Sep 06 j 01:02	21°♌22'46	
	-1508 Sep 11 j 01:00	0°♍	
superior conj	-1508 Sep 18 j 11:29	12°♍29'07	0°52'54
minimum elong	-1508 Sep 18 j 16:29	12°♍49'42	0°52'17
max. Earth dist.	-1508 Sep 24 j 09:28	22°♍05'17	1.43979 AU
desc. node	-1508 Sep 26 j 20:06	25°♍58'40	
	-1508 Sep 29 j 09:19	0°♎	
evening rise	-1508 Oct 04 j 11:05	7°♎53'32	
	-1508 Oct 19 j 02:59	0°♏	
greatest brilliancy	-1508 Oct 26 j 20:23	10°♏50'22	-0.5m
evening max el	-1508 Nov 01 j 18:52	17°♏56'05	20°39'37
retrograde	-1508 Nov 09 j 22:38	22°♏45'23	
asc. node	-1508 Nov 13 j 02:19	21°♏48'25	
evening set	-1508 Nov 13 j 18:01	21°♏22'03	
inferior conj	-1508 Nov 19 j 05:02	15°♏11'07	1°59'34
minimum elong	-1508 Nov 19 j 02:36	15°♏19'23	1°58'39
min. Earth dist.	-1508 Nov 19 j 19:06	14°♏23'17	0.67105 AU
morning rise	-1508 Nov 24 j 10:43	8°♏55'01	
direct	-1508 Nov 29 j 21:31	6°♏32'55	
morning max el	-1508 Dec 11 j 01:22	13°♏12'26	24°20'30
desc. node	-1508 Dec 23 j 19:21	28°♏49'18	
	-1508 Dec 24 j 15:44	0°♐	
	-1507 Jan 13 j 01:49	0°♑	
morning set	-1507 Jan 15 j 21:18	4°♑49'30	
max. Earth dist.	-1507 Jan 19 j 16:10	11°♑32'00	1.37902 AU
superior conj	-1507 Jan 26 j 14:50	24°♑28'56	-1°-47'-8
minimum elong	-1507 Jan 26 j 18:05	24°♑44'33	1°46'54
	-1507 Jan 29 j 11:02	0°♒	
evening rise	-1507 Feb 04 j 08:35	11°♒39'54	
asc. node	-1507 Feb 09 j 01:38	20°♒47'06	
	-1507 Feb 14 j 08:40	0°♓	
evening max el	-1507 Feb 21 j 00:30	8°♓33'19	19°04'54
retrograde	-1507 Mar 01 j 15:58	12°♓42'16	
evening set	-1507 Mar 03 j 22:43	12°♓26'10	
inferior conj	-1507 Mar 12 j 01:12	8°♓12'49	2°30'47
minimum elong	-1507 Mar 12 j 05:49	8°♓04'48	2°29'33
min. Earth dist.	-1507 Mar 15 j 03:18	6°♓05'13	0.56901 AU
morning rise	-1507 Mar 20 j 08:50	3°♓13'26	
desc. node	-1507 Mar 21 j 18:27	2°♓44'34	
direct	-1507 Mar 25 j 11:44	2°♓11'40	
morning max el	-1507 Apr 08 j 17:40	9°♓32'45	25°31'15
	-1507 Apr 24 j 03:06	0°♈	
morning set	-1507 May 05 j 21:03	22°♈18'26	
asc. node	-1507 May 08 j 00:58	26°♈54'35	
	-1507 May 09 j 11:17	0°♉	
superior conj	-1507 May 12 j 21:58	7°♉31'02	0°49'22
minimum elong	-1507 May 12 j 19:59	7°♉20'12	0°49'01
max. Earth dist.	-1507 May 13 j 19:59	9°♉31'01	1.32750 AU
evening rise	-1507 May 20 j 01:41	22°♉47'48	
	-1507 May 23 j 15:43	0°♊	
	-1507 Jun 10 j 16:54	0°♋	
desc. node	-1507 Jun 17 j 17:43	8°♋38'33	
evening max el	-1507 Jun 20 j 16:44	11°♋39'55	27°13'12
retrograde	-1507 Jul 04 j 14:12	18°♋59'30	
evening set	-1507 Jul 11 j 16:12	16°♋39'19	
min. Earth dist.	-1507 Jul 15 j 06:43	13°♋51'36	0.61828 AU
inferior conj	-1507 Jul 18 j 08:49	11°♋02'53	-4°-15'-51
minimum elong	-1507 Jul 18 j 12:24	10°♋54'42	4°15'19
morning rise	-1507 Jul 25 j 11:19	6°♋03'42	
direct	-1507 Jul 27 j 22:31	5°♋37'34	
morning max el	-1507 Aug 03 j 19:31	9°♋04'40	17°57'13
asc. node	-1507 Aug 04 j 00:12	9°♋16'14	
	-1507 Aug 17 j 12:07	0°♌	
morning set	-1507 Aug 19 j 19:49	4°♌12'44	
superior conj	-1507 Aug 30 j 12:53	23°♌20'04	1°24'02
minimum elong	-1507 Aug 30 j 17:42	23°♌40'52	1°23'35
	-1507 Sep 03 j 10:36	0°♍	
max. Earth dist.	-1507 Sep 06 j 21:21	5°♍44'16	1.42561 AU
evening rise	-1507 Sep 13 j 20:17	16°♍55'27	
desc. node	-1507 Sep 13 j 17:07	16°♍43'01	
	-1507 Sep 22 j 08:17	0°♎	
greatest brilliancy	-1507 Oct 10 j 19:48	25°♎55'52	-0.4m
	-1507 Oct 14 j 07:23	0°♏	
evening max el	-1507 Oct 15 j 15:10	1°♏23'50	21°52'25
retrograde	-1507 Oct 24 j 18:56	6°♏50'28	
evening set	-1507 Oct 29 j 01:56	5°♏09'54	
asc. node	-1507 Oct 30 j 23:22	3°♏21'28	
	-1507 Nov 02 j 15:24	30°℞♎	
inferior conj	-1507 Nov 03 j 11:17	28°♎51'34	1°11'01
minimum elong	-1507 Nov 03 j 09:42	28°♎57'01	1°10'21
min. Earth dist.	-1507 Nov 03 j 14:22	28°♎40'55	0.67491 AU
morning rise	-1507 Nov 08 j 17:13	22°♎35'56	
direct	-1507 Nov 13 j 12:44	20°♎35'31	
morning max el	-1507 Nov 23 j 11:13	26°♎30'11	22°53'10
	-1507 Nov 26 j 16:16	0°♏	
greatest brilliancy	-1507 Nov 28 j 05:25	1°♏50'09	-0.3m
desc. node	-1507 Dec 10 j 16:25	18°♏39'39	
	-1507 Dec 18 j 06:24	0°♐	
morning set	-1507 Dec 27 j 17:32	15°♐04'59	
max. Earth dist.	-1506 Jan 01 j 11:37	23°♐05'01	1.40007 AU
	-1506 Jan 05 j 10:49	0°♑	
superior conj	-1506 Jan 09 j 05:51	6°♑49'39	-1°-58'-1
minimum elong	-1506 Jan 09 j 07:17	6°♑56'12	1°58'01
evening rise	-1506 Jan 18 j 23:19	25°♑06'44	
	-1506 Jan 21 j 13:10	0°♒	
asc. node	-1506 Jan 26 j 22:40	9°♒45'42	
evening max el	-1506 Feb 04 j 04:21	21°♒07'49	18°27'11
retrograde	-1506 Feb 11 j 15:39	24°♒48'01	
evening set	-1506 Feb 14 j 02:41	24°♒25'22	
inferior conj	-1506 Feb 21 j 11:51	19°♒51'39	3°28'15
minimum elong	-1506 Feb 21 j 15:15	19°♒44'46	3°27'41
min. Earth dist.	-1506 Feb 24 j 22:03	17°♒06'48	0.58786 AU
morning rise	-1506 Mar 01 j 00:08	14°♒25'29	
direct	-1506 Mar 07 j 04:25	12°♒46'31	
desc. node	-1506 Mar 08 j 15:30	12°♒52'00	
morning max el	-1506 Mar 21 j 11:42	20°♒23'59	26°48'31
	-1506 Mar 29 j 17:56	0°♓	
	-1506 Apr 16 j 18:27	0°♈	
morning set	-1506 Apr 20 j 07:29	7°♈13'15	
asc. node	-1506 Apr 24 j 22:02	17°♈04'47	
superior conj	-1506 Apr 27 j 09:43	22°♈31'29	0°26'00
minimum elong	-1506 Apr 27 j 08:35	22°♈25'16	0°25'47
max. Earth dist.	-1506 Apr 27 j 08:48	22°♈26'27	1.32452 AU
	-1506 Apr 30 j 19:47	0°♉	
evening rise	-1506 May 04 j 09:32	7°♉37'39	
	-1506 May 16 j 04:04	0°♊	
evening max el	-1506 Jun 02 j 18:23	23°♊35'25	26°28'21
desc. node	-1506 Jun 04 j 14:43	25°♊15'44	
	-1506 Jun 12 j 05:23	0°♋	
retrograde	-1506 Jun 16 j 19:08	0°♋51'06	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1506 Jun 21 j 06:41	30°℞♊	
evening set	-1506 Jun 23 j 07:41	29°♊03'47	
min. Earth dist.	-1506 Jun 27 j 07:36	26°♊25'23	0.59804 AU
inferior conj	-1506 Jun 30 j 16:00	23°♊45'58	-4°-34'-39
minimum elong	-1506 Jun 30 j 17:01	23°♊43'56	4°34'35
morning rise	-1506 Jul 08 j 05:44	19°♊09'04	
direct	-1506 Jul 10 j 16:59	18°♊46'55	
morning max el	-1506 Jul 18 j 06:01	22°♊25'27	18°17'42
asc. node	-1506 Jul 21 j 21:17	26°♊37'24	
	-1506 Jul 24 j 05:26	0°♋	
morning set	-1506 Aug 03 j 05:16	17°♋45'44	
	-1506 Aug 09 j 16:45	0°♌	
superior conj	-1506 Aug 12 j 15:22	5°♌25'34	1°41'44
minimum elong	-1506 Aug 12 j 18:02	5°♌37'43	1°41'36
max. Earth dist.	-1506 Aug 20 j 04:03	18°♌44'00	1.40734 AU
evening rise	-1506 Aug 25 j 00:08	26°♌50'12	
	-1506 Aug 26 j 22:45	0°♍	
desc. node	-1506 Aug 31 j 14:08	7°♍21'37	
	-1506 Sep 16 j 01:13	0°♎	
greatest brilliancy	-1506 Sep 22 j 11:05	8°♎20'22	-0.2m
evening max el	-1506 Sep 28 j 06:20	14°♎52'49	23°11'45
retrograde	-1506 Oct 08 j 12:35	20°♎57'12	
evening set	-1506 Oct 13 j 09:05	18°♎57'55	
asc. node	-1506 Oct 17 j 20:27	13°♎50'18	
inferior conj	-1506 Oct 18 j 18:13	12°♎35'46	0°18'45
minimum elong	-1506 Oct 18 j 17:46	12°♎37'18	0°18'33
min. Earth dist.	-1506 Oct 18 j 10:54	13°♎00'54	0.67561 AU
morning rise	-1506 Oct 24 j 02:28	6°♎23'20	
direct	-1506 Oct 28 j 07:32	4°♎45'15	
morning max el	-1506 Nov 06 j 01:58	9°♎54'39	21°29'34
greatest brilliancy	-1506 Nov 11 j 04:34	15°♎46'14	-0.4m
	-1506 Nov 21 j 13:45	0°♏	
desc. node	-1506 Nov 27 j 13:29	8°♏50'53	
morning set	-1506 Dec 07 j 08:59	23°♏58'20	
	-1506 Dec 11 j 03:32	0°♐	
max. Earth dist.	-1506 Dec 14 j 13:01	5°♐32'25	1.42008 AU
superior conj	-1506 Dec 21 j 23:41	18°♐06'50	-1°-57'-23
minimum elong	-1506 Dec 21 j 21:27	17°♐57'09	1°57'22
	-1506 Dec 28 j 17:05	0°♑	
evening rise	-1505 Jan 02 j 01:30	7°♑53'48	
asc. node	-1505 Jan 13 j 19:44	28°♑09'07	
	-1505 Jan 15 j 03:02	0°♒	
evening max el	-1505 Jan 18 j 13:50	4°♒05'02	18°09'21
retrograde	-1505 Jan 25 j 08:38	7°♒32'22	
evening set	-1505 Jan 27 j 23:24	7°♒01'59	
inferior conj	-1505 Feb 03 j 18:08	2°♒06'10	3°52'50
minimum elong	-1505 Feb 03 j 19:05	2°♒03'58	3°52'47
	-1505 Feb 05 j 23:53	30°℞♑	
min. Earth dist.	-1505 Feb 06 j 22:46	29°♑08'02	0.60856 AU
morning rise	-1505 Feb 10 j 12:01	26°♑21'08	
direct	-1505 Feb 17 j 07:53	24°♑06'09	
desc. node	-1505 Feb 23 j 12:35	25°♑46'12	
	-1505 Mar 01 j 11:57	0°♒	
morning max el	-1505 Mar 03 j 11:58	1°♒52'02	27°34'53
	-1505 Mar 23 j 23:51	0°♓	
morning set	-1505 Apr 04 j 14:33	21°♓55'36	
	-1505 Apr 08 j 10:33	0°♈	
max. Earth dist.	-1505 Apr 10 j 21:22	5°♈18'19	1.32502 AU
superior conj	-1505 Apr 11 j 21:00	7°♈27'23	0°00'51
minimum elong	-1505 Apr 11 j 20:58	7°♈27'11	0°00'51
behind sun begin	-1505 Apr 11 j 15:56	6°♈59'38	
behind sun end	-1505 Apr 12 j 02:01	7°♈54'44	
asc. node	-1505 Apr 11 j 19:05	7°♈16'50	
evening rise	-1505 Apr 18 j 20:18	22°♈33'15	
	-1505 Apr 22 j 11:11	0°♉	
	-1505 May 11 j 02:36	0°♊	
evening max el	-1505 May 15 j 13:19	4°♊46'59	25°14'53
desc. node	-1505 May 22 j 11:44	10°♊00'12	
retrograde	-1505 May 29 j 14:05	11°♊56'09	
evening set	-1505 Jun 04 j 00:37	10°♊47'28	
min. Earth dist.	-1505 Jun 09 j 01:09	8°♊00'55	0.57801 AU
inferior conj	-1505 Jun 12 j 04:30	5°♊51'43	-4°-25'-40
minimum elong	-1505 Jun 12 j 01:24	5°♊57'05	4°25'21
morning rise	-1505 Jun 20 j 06:06	1°♊37'00	
direct	-1505 Jun 22 j 18:39	1°♊17'49	
morning max el	-1505 Jul 01 j 09:41	5°♊20'10	18°58'41
asc. node	-1505 Jul 08 j 18:22	14°♊49'54	
	-1505 Jul 17 j 02:34	0°♋	
morning set	-1505 Jul 18 j 01:13	1°♋51'03	
superior conj	-1505 Jul 26 j 13:21	18°♋30'39	1°47'58
minimum elong	-1505 Jul 26 j 13:43	18°♋32'27	1°47'59
	-1505 Aug 01 j 17:17	0°♌	
max. Earth dist.	-1505 Aug 02 j 07:04	1°♌02'10	1.38740 AU
evening rise	-1505 Aug 06 j 05:18	7°♌57'21	
desc. node	-1505 Aug 18 j 11:08	27°♌50'26	
	-1505 Aug 19 j 21:19	0°♍	
evening max el	-1505 Sep 10 j 18:18	28°♍24'32	24°31'27
	-1505 Sep 12 j 10:33	0°♎	
retrograde	-1505 Sep 22 j 02:31	5°♎02'36	
evening set	-1505 Sep 27 j 13:47	2°♎44'42	
	-1505 Sep 30 j 05:01	30°℞♍	
min. Earth dist.	-1505 Oct 02 j 06:21	27°♍21'53	0.67318 AU
inferior conj	-1505 Oct 03 j 00:07	26°♍22'27	0°-35'-38
minimum elong	-1505 Oct 03 j 00:59	26°♍19'33	0°35'16
asc. node	-1505 Oct 04 j 17:31	24°♍06'58	
morning rise	-1505 Oct 08 j 12:32	20°♍15'59	
direct	-1505 Oct 12 j 04:46	18°♍58'23	
morning max el	-1505 Oct 20 j 00:02	23°♍29'14	20°15'52
	-1505 Oct 25 j 12:11	0°♎	
greatest brilliancy	-1505 Oct 26 j 18:25	1°♎40'39	-0.6m
desc. node	-1505 Nov 14 j 10:32	29°♎17'07	
	-1505 Nov 14 j 21:40	0°♏	
morning set	-1505 Nov 16 j 06:51	2°♏08'11	
max. Earth dist.	-1505 Nov 26 j 22:03	18°♏52'09	1.43620 AU
superior conj	-1505 Dec 02 j 15:20	28°♏09'33	-1°-41'00
minimum elong	-1505 Dec 02 j 08:46	27°♏42'33	1°40'32
	-1505 Dec 03 j 18:07	0°♐	
evening rise	-1505 Dec 15 j 10:58	19°♐53'10	
	-1505 Dec 21 j 07:13	0°♑	
asc. node	-1505 Dec 31 j 16:46	15°♑47'02	
evening max el	-1504 Jan 02 j 02:03	17°♑17'33	18°11'01
retrograde	-1504 Jan 08 j 14:31	20°♑45'28	
evening set	-1504 Jan 11 j 09:02	20°♑06'28	
inferior conj	-1504 Jan 17 j 16:33	14°♑49'42	3°52'36
minimum elong	-1504 Jan 17 j 15:23	14°♑52'50	3°52'30
min. Earth dist.	-1504 Jan 20 j 08:25	12°♑00'58	0.62817 AU
morning rise	-1504 Jan 23 j 19:49	8°♑52'03	
direct	-1504 Jan 30 j 20:17	6°♑11'38	
desc. node	-1504 Feb 10 j 09:41	10°♑58'46	
morning max el	-1504 Feb 13 j 17:59	14°♑01'06	27°44'40
	-1504 Feb 26 j 16:36	0°♒	
	-1504 Mar 15 j 11:23	0°♓	
morning set	-1504 Mar 18 j 16:03	6°♓18'05	
max. Earth dist.	-1504 Mar 24 j 05:36	17°♓52'15	1.32923 AU
superior conj	-1504 Mar 26 j 06:10	22°♓13'07	0°-25'-13
minimum elong	-1504 Mar 26 j 07:21	22°♓19'29	0°24'59
asc. node	-1504 Mar 28 j 16:07	27°♓26'50	
	-1504 Mar 29 j 20:24	0°♈	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening rise	-1504 Apr 02 j 08:05	7°♈27'53	
	-1504 Apr 14 j 06:14	0°♉	
evening max el	-1504 Apr 26 j 04:17	15°♉28'41	23°43'46
desc. node	-1504 May 08 j 08:46	22°♉15'12	
retrograde	-1504 May 09 j 21:14	22°♉20'28	
evening set	-1504 May 13 j 21:54	21°♉44'38	
min. Earth dist.	-1504 May 20 j 15:10	18°♉35'14	0.56147 AU
inferior conj	-1504 May 22 j 20:49	17°♉14'04	-3°-37'-18
minimum elong	-1504 May 22 j 14:19	17°♉23'56	3°35'51
morning rise	-1504 May 31 j 10:27	13°♉15'44	
direct	-1504 Jun 03 j 00:53	12°♉58'36	
morning max el	-1504 Jun 13 j 03:54	17°♉39'38	20°00'27
	-1504 Jun 22 j 12:26	0°♊	
asc. node	-1504 Jun 24 j 15:25	3°♊41'23	
morning set	-1504 Jul 01 j 04:27	16°♊19'51	
	-1504 Jul 07 j 21:40	0°♋	
superior conj	-1504 Jul 09 j 01:25	2°♋19'27	1°45'12
minimum elong	-1504 Jul 09 j 00:06	2°♋12'51	1°45'11
max. Earth dist.	-1504 Jul 14 j 11:04	12°♋52'29	1.36837 AU
evening rise	-1504 Jul 18 j 09:56	20°♋13'21	
	-1504 Jul 23 j 23:24	0°♌	
desc. node	-1504 Aug 04 j 08:07	18°♌03'54	
	-1504 Aug 12 j 21:20	0°♍	
evening max el	-1504 Aug 23 j 05:19	11°♍58'32	25°44'12
retrograde	-1504 Sep 04 j 12:05	19°♍01'21	
evening set	-1504 Sep 10 j 14:09	16°♍27'32	
min. Earth dist.	-1504 Sep 14 j 22:20	11°♍41'09	0.66752 AU
inferior conj	-1504 Sep 16 j 03:13	10°♍08'57	-1°-30'-34
minimum elong	-1504 Sep 16 j 05:27	10°♍01'51	1°29'40
asc. node	-1504 Sep 20 j 14:36	5°♍08'15	
morning rise	-1504 Sep 21 j 21:29	4°♍11'23	
direct	-1504 Sep 25 j 03:03	3°♍11'04	
morning max el	-1504 Oct 02 j 05:25	7°♍12'25	19°15'42
greatest brilliancy	-1504 Oct 13 j 00:03	21°♍29'55	-0.7m
	-1504 Oct 18 j 13:33	0°♎	
morning set	-1504 Oct 25 j 10:40	10°♎42'36	
desc. node	-1504 Oct 31 j 07:32	19°♎53'07	
	-1504 Nov 06 j 18:14	0°♏	
max. Earth dist.	-1504 Nov 08 j 12:42	2°♏47'26	1.44639 AU
superior conj	-1504 Nov 11 j 04:54	7°♏01'33	-1°-6'-47
minimum elong	-1504 Nov 10 j 21:24	6°♏31'48	1°05'57
	-1504 Nov 25 j 09:40	0°♐	
evening rise	-1504 Nov 25 j 23:10	0°♐55'42	
	-1504 Dec 14 j 23:33	0°♑	
evening max el	-1504 Dec 15 j 14:15	0°♑38'51	18°31'26
asc. node	-1504 Dec 17 j 13:49	2°♑26'08	
retrograde	-1504 Dec 22 j 04:51	4°♑18'19	
evening set	-1504 Dec 25 j 04:04	3°♑29'25	
	-1504 Dec 29 j 06:54	30°℞♐	
inferior conj	-1504 Dec 31 j 03:08	27°♐53'57	3°34'46
minimum elong	-1504 Dec 31 j 00:41	28°♐01'09	3°34'19
min. Earth dist.	-1503 Jan 02 j 03:58	25°♐30'59	0.64488 AU
morning rise	-1503 Jan 05 j 19:59	21°♐47'57	
direct	-1503 Jan 12 j 16:10	18°♐56'56	
morning max el	-1503 Jan 26 j 03:05	26°♐42'32	27°19'12
desc. node	-1503 Jan 27 j 06:45	27°♐53'14	
	-1503 Jan 29 j 05:28	0°♑	
	-1503 Feb 19 j 06:43	0°♒	
morning set	-1503 Mar 02 j 09:10	20°♒11'33	
max. Earth dist.	-1503 Mar 07 j 05:31	29°♒56'09	1.33753 AU
	-1503 Mar 07 j 06:16	0°♓	
superior conj	-1503 Mar 10 j 11:20	6°♓42'41	0°-51'-12
minimum elong	-1503 Mar 10 j 13:42	6°♓55'10	0°50'47
asc. node	-1503 Mar 15 j 13:08	17°♓30'45	

evening rise	-1503 Mar 17 j 19:05	22°♓15'28	
	-1503 Mar 21 j 14:06	0°♈	
evening max el	-1503 Apr 07 j 21:57	26°♈09'32	22°09'31
	-1503 Apr 12 j 19:11	0°♉	
retrograde	-1503 Apr 20 j 16:25	2°♉24'07	
evening set	-1503 Apr 23 j 12:02	2°♉06'34	
desc. node	-1503 Apr 25 j 05:49	1°♉39'15	
	-1503 Apr 29 j 04:23	30°℞♈	
min. Earth dist.	-1503 May 02 j 04:39	28°♈22'13	0.55190 AU
inferior conj	-1503 May 02 j 20:52	27°♈59'21	-2°-6'-6
minimum elong	-1503 May 02 j 15:20	28°♈07'09	2°04'19
morning rise	-1503 May 11 j 20:16	24°♈03'34	
direct	-1503 May 14 j 15:56	23°♈45'39	
morning max el	-1503 May 26 j 11:11	29°♈17'42	21°21'32
	-1503 May 27 j 04:52	0°♉	
asc. node	-1503 Jun 11 j 12:27	23°♉02'23	
	-1503 Jun 14 j 23:50	0°♊	
morning set	-1503 Jun 15 j 12:35	1°♊05'37	
superior conj	-1503 Jun 22 j 23:26	16°♊39'44	1°35'33
minimum elong	-1503 Jun 22 j 21:09	16°♊27'56	1°35'23
max. Earth dist.	-1503 Jun 26 j 22:18	24°♊43'47	1.35219 AU
	-1503 Jun 29 j 14:23	0°♋	
evening rise	-1503 Jul 01 j 09:13	3°♋25'54	
	-1503 Jul 16 j 20:32	0°♌	
desc. node	-1503 Jul 22 j 05:07	7°♌55'07	
evening max el	-1503 Aug 05 j 16:56	25°♌31'26	26°42'03
	-1503 Aug 11 j 02:25	0°♍	
retrograde	-1503 Aug 18 j 16:38	2°♍47'38	
evening set	-1503 Aug 25 j 08:02	0°♍03'45	
	-1503 Aug 25 j 09:49	30°℞♌	
min. Earth dist.	-1503 Aug 29 j 08:32	25°♌55'14	0.65844 AU
inferior conj	-1503 Aug 31 j 01:36	23°♌52'47	-2°-24'-10
minimum elong	-1503 Aug 31 j 05:03	23°♌42'27	2°22'55
morning rise	-1503 Sep 06 j 03:15	18°♌07'10	
asc. node	-1503 Sep 07 j 11:39	17°♌33'43	
direct	-1503 Sep 09 j 00:34	17°♌20'25	
morning max el	-1503 Sep 15 j 16:35	21°♌01'15	18°31'15
	-1503 Sep 22 j 15:49	0°♍	
morning set	-1503 Oct 05 j 15:06	20°♍32'19	
	-1503 Oct 11 j 12:29	0°♎	
desc. node	-1503 Oct 18 j 04:31	10°♎35'31	
superior conj	-1503 Oct 21 j 04:59	15°♎21'15	0°-19'-28
minimum elong	-1503 Oct 21 j 02:24	15°♎11'05	0°19'09
max. Earth dist.	-1503 Oct 22 j 06:35	17°♎02'00	1.44956 AU
	-1503 Oct 30 j 12:32	0°♏	
evening rise	-1503 Nov 06 j 11:14	10°♏57'25	
	-1503 Nov 18 j 14:03	0°♐	
evening max el	-1503 Nov 29 j 00:04	14°♐04'33	19°09'18
asc. node	-1503 Dec 04 j 10:52	17°♐51'26	
retrograde	-1503 Dec 05 j 23:59	18°♐04'48	
evening set	-1503 Dec 09 j 05:32	17°♐04'10	
inferior conj	-1503 Dec 14 j 22:27	11°♐12'33	3°04'27
minimum elong	-1503 Dec 14 j 19:32	11°♐21'48	3°03'40
min. Earth dist.	-1503 Dec 16 j 08:36	9°♐24'36	0.65798 AU
morning rise	-1503 Dec 20 j 08:38	5°♐01'01	
direct	-1503 Dec 26 j 18:21	2°♐13'40	
morning max el	-1502 Jan 08 j 12:32	9°♐43'37	26°24'26
desc. node	-1502 Jan 14 j 03:47	15°♐59'50	
	-1502 Jan 24 j 13:44	0°♑	
	-1502 Feb 11 j 18:19	0°♒	
morning set	-1502 Feb 13 j 14:02	3°♒23'08	
max. Earth dist.	-1502 Feb 17 j 17:59	11°♒23'51	1.35039 AU
superior conj	-1502 Feb 22 j 10:10	20°♒48'01	-1°-15'-49
minimum elong	-1502 Feb 22 j 13:27	21°♒04'51	1°15'20

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1502 Feb 26 j 20:40	0°♓	
evening rise	-1502 Mar 02 j 03:25	6°♓48'50	
asc. node	-1502 Mar 02 j 10:10	7°♓23'32	
	-1502 Mar 14 j 23:20	0°♈	
evening max el	-1502 Mar 21 j 00:12	7°♈14'13	20°44'22
retrograde	-1502 Apr 01 j 05:24	12°♈37'06	
evening set	-1502 Apr 03 j 11:27	12°♈24'58	
desc. node	-1502 Apr 12 j 02:53	8°♈45'51	
inferior conj	-1502 Apr 12 j 15:34	8°♈27'40	0°-8'-59
minimum elong	-1502 Apr 12 j 15:09	8°♈28'17	0°08'50
transit middle	-1502 Apr 12 j 15:09	8°♈28'17	0°08'50
transit begin	-1502 Apr 12 j 11:46	8°♈33'08	
transit end	-1502 Apr 12 j 18:32	8°♈23'25	
min. Earth dist.	-1502 Apr 13 j 18:20	7°♈49'18	0.55156 AU
morning rise	-1502 Apr 21 j 17:27	4°♈16'29	
direct	-1502 Apr 25 j 03:32	3°♈51'07	
morning max el	-1502 May 08 j 08:18	10°♈14'58	22°57'09
	-1502 May 22 j 18:18	0°♉	
asc. node	-1502 May 29 j 09:29	12°♉44'22	
morning set	-1502 May 30 j 23:32	16°♉01'22	
	-1502 Jun 06 j 13:00	0°♊	
superior conj	-1502 Jun 07 j 04:06	1°♊20'31	1°20'39
minimum elong	-1502 Jun 07 j 01:32	1°♊06'51	1°20'20
max. Earth dist.	-1502 Jun 09 j 19:27	6°♊55'05	1.33969 AU
evening rise	-1502 Jun 14 j 22:09	17°♊19'43	
	-1502 Jun 21 j 15:28	0°♋	
desc. node	-1502 Jul 09 j 02:08	27°♋13'51	
	-1502 Jul 11 j 05:39	0°♌	
evening max el	-1502 Jul 19 j 04:36	8°♌52'59	27°17'26
retrograde	-1502 Aug 01 j 15:32	16°♌13'26	
evening set	-1502 Aug 08 j 16:44	13°♌28'44	
min. Earth dist.	-1502 Aug 12 j 10:38	9°♌57'10	0.64563 AU
inferior conj	-1502 Aug 14 j 16:57	7°♌29'02	-3°-14'-2
minimum elong	-1502 Aug 14 j 21:13	7°♌17'21	3°12'47
morning rise	-1502 Aug 21 j 03:22	1°♌58'53	
direct	-1502 Aug 23 j 18:57	1°♌22'14	
asc. node	-1502 Aug 25 j 08:42	1°♌35'13	
morning max el	-1502 Aug 30 j 07:12	4°♌50'50	18°03'51
	-1502 Sep 15 j 22:57	0°♍	
morning set	-1502 Sep 16 j 23:44	1°♍44'36	
superior conj	-1502 Sep 30 j 13:49	24°♍11'13	0°28'59
minimum elong	-1502 Sep 30 j 17:09	24°♍24'36	0°28'33
	-1502 Oct 04 j 05:02	0°♎	
max. Earth dist.	-1502 Oct 05 j 00:55	1°♎18'58	1.44538 AU
desc. node	-1502 Oct 05 j 01:32	1°♎21'24	
evening rise	-1502 Oct 17 j 02:00	20°♎08'19	
	-1502 Oct 23 j 11:59	0°♏	
greatest brilliancy	-1502 Nov 05 j 04:25	18°♏47'28	-0.6m
evening max el	-1502 Nov 12 j 05:30	27°♏32'08	20°02'47
	-1502 Nov 14 j 22:53	0°♐	
retrograde	-1502 Nov 19 j 21:16	2°♐01'17	
asc. node	-1502 Nov 21 j 07:54	1°♐49'19	
evening set	-1502 Nov 23 j 11:05	0°♐46'44	
	-1502 Nov 24 j 10:49	30°℞♏	
inferior conj	-1502 Nov 28 j 23:46	24°♏41'54	2°25'12
minimum elong	-1502 Nov 28 j 21:00	24°♏51'05	2°24'16
min. Earth dist.	-1502 Nov 29 j 20:39	23°♏32'15	0.66732 AU
morning rise	-1502 Dec 04 j 06:21	18°♏27'03	
direct	-1502 Dec 10 j 01:59	15°♏53'56	
morning max el	-1502 Dec 21 j 21:11	22°♏54'43	25°09'14
	-1502 Dec 28 j 03:53	0°♐	
desc. node	-1501 Jan 01 j 00:49	4°♐57'41	
	-1501 Jan 17 j 21:55	0°♑	
morning set	-1501 Jan 27 j 01:40	15°♑38'33	
max. Earth dist.	-1501 Jan 30 j 19:29	22°♑28'58	1.36762 AU

	-1501 Feb 03 j 18:24	0°♒	
superior conj	-1501 Feb 05 j 23:47	4°♒20'52	-1°-37'-13
minimum elong	-1501 Feb 06 j 03:21	4°♒38'30	1°36'51
evening rise	-1501 Feb 14 j 06:59	21°♒01'51	
asc. node	-1501 Feb 17 j 07:12	27°♒00'14	
	-1501 Feb 18 j 20:34	0°♓	
evening max el	-1501 Mar 03 j 13:17	18°♓54'41	19°35'38
retrograde	-1501 Mar 13 j 01:30	23°♓27'27	
evening set	-1501 Mar 15 j 06:31	23°♓13'49	
inferior conj	-1501 Mar 23 j 19:21	19°♓09'13	1°41'01
minimum elong	-1501 Mar 23 j 23:13	19°♓03'02	1°39'46
min. Earth dist.	-1501 Mar 26 j 08:42	17°♓31'53	0.56047 AU
desc. node	-1501 Mar 29 j 23:55	15°♓30'00	
morning rise	-1501 Apr 01 j 12:26	14°♓28'41	
direct	-1501 Apr 05 j 23:00	13°♓44'25	
morning max el	-1501 Apr 19 j 23:38	20°♓48'26	24°37'18
	-1501 Apr 27 j 21:00	0°♈	
	-1501 May 14 j 23:52	0°♉	
morning set	-1501 May 15 j 11:37	1°♉01'32	
asc. node	-1501 May 16 j 06:32	2°♉41'22	
superior conj	-1501 May 22 j 13:02	16°♉14'10	1°01'44
minimum elong	-1501 May 22 j 10:43	16°♉01'35	1°01'20
max. Earth dist.	-1501 May 24 j 01:16	19°♉30'04	1.33095 AU
	-1501 May 29 j 00:39	0°♊	
evening rise	-1501 May 29 j 20:44	1°♊42'44	
	-1501 Jun 14 j 13:30	0°♋	
desc. node	-1501 Jun 25 j 23:10	15°♋46'23	
evening max el	-1501 Jul 01 j 14:13	21°♋49'46	27°23'57
retrograde	-1501 Jul 15 j 08:14	29°♋09'47	
evening set	-1501 Jul 22 j 12:49	26°♋36'27	
min. Earth dist.	-1501 Jul 26 j 02:50	23°♋36'14	0.62921 AU
inferior conj	-1501 Jul 28 j 22:28	20°♋51'04	-3°-56'-40
minimum elong	-1501 Jul 29 j 02:42	20°♋40'41	3°55'47
morning rise	-1501 Aug 04 j 18:50	15°♋39'50	
direct	-1501 Aug 07 j 07:05	15°♋10'27	
asc. node	-1501 Aug 12 j 05:45	17°♋05'48	
morning max el	-1501 Aug 13 j 22:33	18°♋35'11	17°54'18
	-1501 Aug 22 j 05:23	0°♌	
morning set	-1501 Aug 30 j 07:46	14°♌03'43	
	-1501 Sep 08 j 11:02	0°♍	
superior conj	-1501 Sep 10 j 23:18	4°♍15'03	1°07'49
minimum elong	-1501 Sep 11 j 04:37	4°♍37'22	1°07'14
max. Earth dist.	-1501 Sep 17 j 16:21	15°♍18'30	1.43442 AU
desc. node	-1501 Sep 21 j 22:33	22°♍07'06	
evening rise	-1501 Sep 26 j 07:50	28°♍59'27	
	-1501 Sep 26 j 23:28	0°♎	
	-1501 Oct 17 j 07:04	0°♏	
greatest brilliancy	-1501 Oct 20 j 21:19	4°♏46'15	-0.5m
evening max el	-1501 Oct 26 j 05:09	10°♏59'18	21°09'27
retrograde	-1501 Nov 03 j 18:29	16°♏03'56	
evening set	-1501 Nov 07 j 18:40	14°♏33'16	
asc. node	-1501 Nov 08 j 04:57	14°♏12'39	
inferior conj	-1501 Nov 13 j 04:46	8°♏18'37	1°39'29
minimum elong	-1501 Nov 13 j 02:39	8°♏25'52	1°38'39
min. Earth dist.	-1501 Nov 13 j 13:57	7°♏47'06	0.67310 AU
morning rise	-1501 Nov 18 j 10:19	2°♏02'36	
	-1501 Nov 22 j 03:04	30°℞♎	
direct	-1501 Nov 23 j 14:30	29°♎49'45	
	-1501 Nov 25 j 03:16	0°♏	
morning max el	-1501 Dec 04 j 05:59	6°♏10'22	23°43'27
desc. node	-1501 Dec 18 j 21:52	24°♏31'33	
	-1501 Dec 22 j 17:02	0°♐	
morning set	-1500 Jan 08 j 13:53	26°♐41'01	
	-1500 Jan 10 j 12:17	0°♑	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

max. Earth dist.	-1500 Jan 12 j 15:08	3°♉42'11	1.38793 AU	
superior conj	-1500 Jan 20 j 00:19	17°♉10'24	-1°-52'-53	
minimum elong	-1500 Jan 20 j 03:01	17°♉23'07	1°52'46	
	-1500 Jan 26 j 16:23	0°♒		
evening rise	-1500 Jan 29 j 03:14	4°♒47'03		
asc. node	-1500 Feb 04 j 04:15	16°♒14'24		
	-1500 Feb 13 j 08:57	0°♓		
evening max el	-1500 Feb 14 j 12:19	1°♓10'13	18°46'21	
retrograde	-1500 Feb 22 j 14:31	5°♓05'23		
evening set	-1500 Feb 24 j 23:02	4°♓46'45		
inferior conj	-1500 Mar 03 j 17:50	0°♓24'51	2°59'37	
minimum elong	-1500 Mar 03 j 22:13	0°♓16'42	2°58'38	
	-1500 Mar 04 j 07:11	30°℞♒		
min. Earth dist.	-1500 Mar 07 j 01:12	27°♒58'54	0.57652 AU	
morning rise	-1500 Mar 11 j 17:24	25°♒12'58		
desc. node	-1500 Mar 15 j 20:58	24°♒01'33		
direct	-1500 Mar 17 j 07:43	23°♒56'22		
	-1500 Mar 30 j 02:25	0°♓		
morning max el	-1500 Mar 31 j 15:24	1°♓25'45	26°07'26	
	-1500 Apr 20 j 19:58	0°♈		
morning set	-1500 Apr 28 j 23:10	16°♈00'13		
asc. node	-1500 May 02 j 03:36	22°♈48'10		
	-1500 May 05 j 10:46	0°♉		
superior conj	-1500 May 06 j 00:16	1°♉13'59	0°39'44	
minimum elong	-1500 May 05 j 22:37	1°♉04'54	0°39'25	
max. Earth dist.	-1500 May 06 j 12:34	2°♉21'18	1.32577 AU	
evening rise	-1500 May 13 j 01:54	16°♉25'05		
	-1500 May 19 j 23:08	0°♊		
	-1500 Jun 08 j 19:46	0°♋		
desc. node	-1500 Jun 11 j 20:11	3°♋13'35		
evening max el	-1500 Jun 12 j 19:11	4°♋09'46	26°57'58	
retrograde	-1500 Jun 26 j 18:07	11°♋28'08		
evening set	-1500 Jul 03 j 16:08	9°♋20'12		
min. Earth dist.	-1500 Jul 07 j 08:55	6°♋38'57	0.60984 AU	
inferior conj	-1500 Jul 10 j 14:54	3°♋51'26	-4°-26'-30	
minimum elong	-1500 Jul 10 j 17:38	3°♋45'32	4°26'12	
	-1500 Jul 15 j 18:12	30°℞♊		
morning rise	-1500 Jul 17 j 22:08	29°♊01'55		
direct	-1500 Jul 20 j 09:11	28°♊37'39		
	-1500 Jul 24 j 19:28	0°♋		
morning max el	-1500 Jul 27 j 11:48	2°♋07'56	18°03'31	
asc. node	-1500 Jul 29 j 02:50	3°♋51'36		
morning set	-1500 Aug 12 j 09:26	27°♋13'59		
	-1500 Aug 13 j 21:16	0°♌		
superior conj	-1500 Aug 22 j 12:08	15°♌40'29	1°33'05	
minimum elong	-1500 Aug 22 j 16:08	15°♌58'11	1°32'46	
max. Earth dist.	-1500 Aug 30 j 02:06	28°♌42'30	1.41819 AU	
	-1500 Aug 30 j 20:44	0°♍		
evening rise	-1500 Sep 04 j 23:28	8°♍19'52		
desc. node	-1500 Sep 07 j 19:35	12°♍49'38		
	-1500 Sep 19 j 03:51	0°♎		
greatest brilliancy	-1500 Oct 03 j 04:48	19°♎06'10	-0.3m	
evening max el	-1500 Oct 07 j 22:58	24°♎26'58	22°25'35	
	-1500 Oct 16 j 02:25	0°♏		
retrograde	-1500 Oct 17 j 13:58	0°♏10'24		
	-1500 Oct 19 j 00:18	30°℞♎		
evening set	-1500 Oct 22 j 02:30	28°♎21'52		
asc. node	-1500 Oct 25 j 02:01	25°♎13'54		
inferior conj	-1500 Oct 27 j 11:33	22°♎01'09	0°49'11	
minimum elong	-1500 Oct 27 j 10:25	22°♎05'02	0°48'42	
min. Earth dist.	-1500 Oct 27 j 10:07	22°♎06'07	0.67559 AU	
morning rise	-1500 Nov 01 j 18:14	15°♎46'27		
direct	-1500 Nov 06 j 07:19	13°♎55'51		
morning max el	-1500 Nov 15 j 17:42	19°♎31'16	22°16'39	
greatest brilliancy	-1500 Nov 20 j 10:01	24°♎47'24	-0.3m	
	-1500 Nov 24 j 11:50	0°♏		
desc. node	-1500 Dec 04 j 18:56	14°♏31'28		
	-1500 Dec 14 j 22:22	0°♐		
morning set	-1500 Dec 18 j 21:34	6°♐19'57		
max. Earth dist.	-1500 Dec 24 j 12:20	15°♐35'52	1.40888 AU	
superior conj	-1499 Jan 01 j 06:57	29°♐05'01	-1°-59'-25	
minimum elong	-1499 Jan 01 j 07:02	29°♐05'25	1°59'28	
	-1499 Jan 01 j 19:14	0°♑		
evening rise	-1499 Jan 11 j 13:05	17°♑57'41		
	-1499 Jan 18 j 02:33	0°♒		
asc. node	-1499 Jan 21 j 01:18	4°♒59'00		
evening max el	-1499 Jan 27 j 18:52	13°♒54'49	18°17'11	
retrograde	-1499 Feb 03 j 22:01	17°♒27'58		
evening set	-1499 Feb 06 j 10:31	17°♒02'19		
inferior conj	-1499 Feb 13 j 13:10	12°♒19'22	3°42'14	
minimum elong	-1499 Feb 13 j 15:32	12°♒14'14	3°41'58	
min. Earth dist.	-1499 Feb 16 j 22:21	9°♒25'30	0.59656 AU	
morning rise	-1499 Feb 20 j 17:11	6°♒43'53		
direct	-1499 Feb 27 j 05:23	4°♒48'35		
desc. node	-1499 Mar 02 j 18:04	5°♒20'58		
morning max el	-1499 Mar 13 j 12:04	12°♒31'24	27°12'39	
	-1499 Mar 27 j 07:07	0°♓		
	-1499 Apr 12 j 22:40	0°♈		
morning set	-1499 Apr 13 j 08:23	0°♈50'26		
asc. node	-1499 Apr 19 j 00:39	12°♈59'34		
max. Earth dist.	-1499 Apr 20 j 01:33	15°♈15'48	1.32417 AU	
superior conj	-1499 Apr 20 j 12:00	16°♈13'07	0°15'31	
minimum elong	-1499 Apr 20 j 11:19	16°♈09'20	0°15'22	
behind sun begin	-1499 Apr 20 j 10:10	16°♈03'02		
behind sun end	-1499 Apr 20 j 12:27	16°♈15'37		
	-1499 Apr 26 j 20:26	0°♉		
evening rise	-1499 Apr 27 j 11:11	1°♉17'50		
	-1499 May 13 j 03:42	0°♊		
evening max el	-1499 May 25 j 17:45	15°♊45'36	26°00'13	
desc. node	-1499 May 29 j 17:13	19°♊07'29		
retrograde	-1499 Jun 08 j 19:31	23°♊00'13		
evening set	-1499 Jun 14 j 22:18	21°♊29'09		
min. Earth dist.	-1499 Jun 19 j 06:26	18°♊49'17	0.58924 AU	
inferior conj	-1499 Jun 22 j 14:31	16°♊19'52	-4°-34'-59	
minimum elong	-1499 Jun 22 j 13:55	16°♊21'00	4°34'58	
morning rise	-1499 Jun 30 j 09:16	11°♊52'53		
direct	-1499 Jul 02 j 20:46	11°♊32'15		
morning max el	-1499 Jul 10 j 19:50	15°♊19'28	18°32'34	
asc. node	-1499 Jul 15 j 23:54	21°♊36'25		
	-1499 Jul 21 j 02:42	0°♋		
morning set	-1499 Jul 26 j 23:49	11°♋01'58		
superior conj	-1499 Aug 04 j 23:39	28°♋13'41	1°45'37	
minimum elong	-1499 Aug 05 j 01:18	28°♋21'22	1°45'34	
	-1499 Aug 05 j 22:33	0°♌		
max. Earth dist.	-1499 Aug 12 j 06:16	11°♌21'50	1.39892 AU	
evening rise	-1499 Aug 16 j 13:57	18°♌45'06		
	-1499 Aug 23 j 12:07	0°♍		
desc. node	-1499 Aug 25 j 16:35	3°♍24'43		
	-1499 Sep 13 j 12:29	0°♎		
evening max el	-1499 Sep 20 j 12:26	7°♎56'53	23°45'59	
retrograde	-1499 Oct 01 j 06:16	14°♎16'58		
evening set	-1499 Oct 06 j 08:49	12°♎09'49		
inferior conj	-1499 Oct 11 j 18:17	5°♎46'59	0°-4'-7	
minimum elong	-1499 Oct 11 j 18:23	5°♎46'40	0°04'06	
transit middle	-1499 Oct 11 j 18:23	5°♎46'40	0°04'06	
transit begin	-1499 Oct 11 j 15:45	5°♎55'37		
transit end	-1499 Oct 11 j 21:00	5°♎37'42		
min. Earth dist.	-1499 Oct 11 j 06:37	6°♎26'46	0.67497 AU	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1499 Oct 11 j 23:05	5°♎30'39	
	-1499 Oct 16 j 16:17	30°℞♍	
morning rise	-1499 Oct 17 j 04:04	29°♍36'26	
direct	-1499 Oct 21 j 03:23	28°♍07'22	
	-1499 Oct 26 j 01:00	0°♎	
morning max el	-1499 Oct 29 j 11:21	2°♎59'46	20°56'35
greatest brilliancy	-1499 Nov 04 j 04:13	9°♎40'19	-0.5m
	-1499 Nov 18 j 11:15	0°♏	
desc. node	-1499 Nov 21 j 15:59	4°♏49'44	
morning set	-1499 Nov 28 j 03:10	14°♏47'30	
max. Earth dist.	-1499 Dec 06 j 16:23	28°♏24'38	1.42754 AU
	-1499 Dec 07 j 15:47	0°♐	
superior conj	-1499 Dec 13 j 14:08	9°♐51'47	-1°-52'-35
minimum elong	-1499 Dec 13 j 09:58	9°♐34'09	1°52'25
evening rise	-1499 Dec 25 j 08:41	0°♑25'28	
	-1499 Dec 25 j 02:59	0°♑	
asc. node	-1498 Jan 07 j 22:21	23°♑04'50	
evening max el	-1498 Jan 11 j 05:56	27°♑00'08	18°07'48
	-1498 Jan 15 j 13:17	0°♒	
retrograde	-1498 Jan 17 j 20:52	0°♒25'59	
	-1498 Jan 20 j 05:03	30°℞♑	
evening set	-1498 Jan 20 j 13:12	29°♑52'04	
inferior conj	-1498 Jan 27 j 02:49	24°♑47'29	3°55'17
minimum elong	-1498 Jan 27 j 02:46	24°♑47'36	3°55'15
min. Earth dist.	-1498 Jan 30 j 02:44	21°♑50'35	0.61716 AU
morning rise	-1498 Feb 02 j 13:57	18°♑56'35	
direct	-1498 Feb 09 j 13:14	16°♑28'41	
desc. node	-1498 Feb 17 j 15:08	19°♑18'45	
morning max el	-1498 Feb 23 j 14:49	24°♑17'05	27°43'33
	-1498 Feb 28 j 19:41	0°♒	
	-1498 Mar 20 j 13:38	0°♓	
morning set	-1498 Mar 28 j 13:21	15°♓25'24	
max. Earth dist.	-1498 Apr 03 j 12:34	28°♓01'05	1.32627 AU
	-1498 Apr 04 j 10:30	0°♈	
superior conj	-1498 Apr 04 j 22:36	1°♈05'50	0°-10'-8
minimum elong	-1498 Apr 04 j 23:05	1°♈08'23	0°10'03
behind sun begin	-1498 Apr 04 j 19:06	0°♈46'45	
behind sun end	-1498 Apr 05 j 03:03	1°♈30'02	
asc. node	-1498 Apr 05 j 21:41	3°♈11'34	
evening rise	-1498 Apr 11 j 22:36	16°♈14'02	
	-1498 Apr 18 j 19:43	0°♉	
evening max el	-1498 May 07 j 10:34	26°♉42'28	24°37'38
	-1498 May 11 j 08:12	0°♊	
desc. node	-1498 May 16 j 14:14	2°♊52'49	
retrograde	-1498 May 21 j 09:40	3°♊45'55	
evening set	-1498 May 26 j 05:54	2°♊52'57	
	-1498 May 31 j 21:03	30°℞♉	
min. Earth dist.	-1498 May 31 j 22:19	29°♉58'00	0.57031 AU
inferior conj	-1498 Jun 03 j 18:24	28°♉07'39	-4°-10'-34
minimum elong	-1498 Jun 03 j 13:33	28°♉15'34	4°09'50
morning rise	-1498 Jun 12 j 01:06	24°♉00'37	
direct	-1498 Jun 14 j 14:15	23°♉42'29	
morning max el	-1498 Jun 23 j 19:41	28°♉00'00	19°22'22
	-1498 Jun 25 j 18:27	0°♊	
asc. node	-1498 Jul 02 j 20:58	10°♊06'47	
morning set	-1498 Jul 10 j 23:12	25°♊18'10	
	-1498 Jul 13 j 07:33	0°♋	
superior conj	-1498 Jul 19 j 04:10	11°♋38'45	1°47'45
minimum elong	-1498 Jul 19 j 03:45	11°♋36'38	1°47'46
max. Earth dist.	-1498 Jul 25 j 08:56	23°♋25'13	1.37913 AU
evening rise	-1498 Jul 29 j 05:39	0°♌23'06	
	-1498 Jul 29 j 00:25	0°♌	
desc. node	-1498 Aug 12 j 13:35	23°♌47'46	
	-1498 Aug 16 j 18:36	0°♍	

evening max el	-1498 Sep 02 j 23:57	21°♍30'39	25°03'44
retrograde	-1498 Sep 14 j 18:21	28°♍20'01	
evening set	-1498 Sep 20 j 11:53	25°♍55'10	
min. Earth dist.	-1498 Sep 25 j 00:56	20°♍47'24	0.67124 AU
inferior conj	-1498 Sep 25 j 23:14	19°♍34'08	0°-58'-56
minimum elong	-1498 Sep 26 j 00:40	19°♍29'23	0°58'20
asc. node	-1498 Sep 28 j 20:08	16°♍00'04	
morning rise	-1498 Oct 01 j 13:55	13°♍30'52	
direct	-1498 Oct 05 j 01:25	12°♍20'51	
morning max el	-1498 Oct 12 j 12:31	16°♍37'50	19°48'19
greatest brilliancy	-1498 Oct 20 j 09:31	26°♍28'04	-0.6m
	-1498 Oct 22 j 20:44	0°♎	
morning set	-1498 Nov 07 j 00:27	22°♎58'57	
desc. node	-1498 Nov 08 j 12:59	25°♎20'32	
	-1498 Nov 11 j 12:49	0°♏	
max. Earth dist.	-1498 Nov 19 j 04:14	12°♏02'11	1.44141 AU
superior conj	-1498 Nov 23 j 18:07	19°♏22'40	-1°-28'-36
minimum elong	-1498 Nov 23 j 10:27	18°♏51'43	1°27'54
	-1498 Nov 30 j 05:51	0°♐	
evening rise	-1498 Dec 07 j 09:34	12°♐01'19	
	-1498 Dec 18 j 03:35	0°♑	
asc. node	-1498 Dec 25 j 19:23	10°♑19'36	
evening max el	-1498 Dec 25 j 18:31	10°♑17'24	18°17'31
retrograde	-1497 Jan 01 j 06:45	13°♑48'36	
evening set	-1497 Jan 04 j 03:14	13°♑05'26	
inferior conj	-1497 Jan 10 j 06:50	7°♑40'23	3°46'49
minimum elong	-1497 Jan 10 j 05:00	7°♑45'27	3°46'35
min. Earth dist.	-1497 Jan 12 j 16:21	5°♑01'18	0.63575 AU
morning rise	-1497 Jan 16 j 05:12	1°♑39'07	
	-1497 Jan 18 j 17:34	30°℞♐	
direct	-1497 Jan 23 j 04:56	28°♐52'25	
	-1497 Jan 27 j 23:56	0°♑	
desc. node	-1497 Feb 04 j 12:11	5°♑18'41	
morning max el	-1497 Feb 05 j 22:17	6°♑40'29	27°37'52
	-1497 Feb 23 j 19:19	0°♒	
morning set	-1497 Mar 12 j 11:36	29°♒36'15	
	-1497 Mar 12 j 16:21	0°♓	
max. Earth dist.	-1497 Mar 17 j 17:42	10°♓23'16	1.33227 AU
superior conj	-1497 Mar 20 j 06:17	15°♓45'15	0°-36'-19
minimum elong	-1497 Mar 20 j 07:59	15°♓54'20	0°35'59
asc. node	-1497 Mar 23 j 18:43	23°♓19'27	
	-1497 Mar 26 j 21:39	0°♈	
evening rise	-1497 Mar 27 j 10:15	1°♈06'22	
	-1497 Apr 12 j 17:53	0°♉	
evening max el	-1497 Apr 19 j 01:52	7°♉19'52	23°03'14
retrograde	-1497 May 02 j 10:52	13°♉57'32	
desc. node	-1497 May 03 j 11:16	13°♉55'13	
evening set	-1497 May 05 j 21:57	13°♉31'19	
min. Earth dist.	-1497 May 13 j 11:35	10°♉08'56	0.55642 AU
inferior conj	-1497 May 15 j 02:47	9°♉12'01	-3°-3'-26
minimum elong	-1497 May 14 j 20:01	9°♉21'52	3°01'35
morning rise	-1497 May 23 j 21:04	5°♉16'50	
direct	-1497 May 26 j 13:20	4°♉59'42	
morning max el	-1497 Jun 06 j 09:07	10°♉01'07	20°32'48
asc. node	-1497 Jun 19 j 18:00	29°♉11'41	
	-1497 Jun 20 j 04:19	0°♊	
morning set	-1497 Jun 25 j 04:47	9°♊54'57	
superior conj	-1497 Jul 02 j 20:53	25°♊41'56	1°41'51
minimum elong	-1497 Jul 02 j 19:04	25°♊32'43	1°41'46
	-1497 Jul 05 j 00:04	0°♋	
max. Earth dist.	-1497 Jul 07 j 15:48	5°♋14'16	1.36109 AU
evening rise	-1497 Jul 11 j 18:48	13°♋04'37	
	-1497 Jul 21 j 11:23	0°♌	
desc. node	-1497 Jul 30 j 10:34	13°♌53'00	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1497 Aug 11 j 16:41	0°♍	
evening max el	-1497 Aug 16 j 11:18	5°♍05'50	26°11'06
retrograde	-1497 Aug 29 j 01:39	12°♍14'51	
evening set	-1497 Sep 04 j 09:48	9°♍35'53	
min. Earth dist.	-1497 Sep 08 j 14:41	5°♍05'42	0.66414 AU
inferior conj	-1497 Sep 10 j 00:35	3°♍20'24	-1°-53'-32
minimum elong	-1497 Sep 10 j 03:22	3°♍11'45	1°52'28
	-1497 Sep 12 j 20:55	30°℞♌	
morning rise	-1497 Sep 15 j 21:49	27°♌27'36	
asc. node	-1497 Sep 15 j 17:11	27°♌34'34	
direct	-1497 Sep 18 j 23:40	26°♌33'23	
	-1497 Sep 25 j 10:48	0°♍	
morning max el	-1497 Sep 25 j 20:40	0°♍24'29	18°54'51
	-1497 Oct 16 j 06:19	0°♎	
morning set	-1497 Oct 17 j 13:37	2°♎03'36	
desc. node	-1497 Oct 26 j 09:59	16°♎00'10	
max. Earth dist.	-1497 Nov 01 j 21:21	26°♎11'05	1.44871 AU
superior conj	-1497 Nov 02 j 23:40	27°♎54'44	0°-47'-43
minimum elong	-1497 Nov 02 j 17:40	27°♎31'05	0°47'00
	-1497 Nov 04 j 07:26	0°♏	
evening rise	-1497 Nov 18 j 11:47	22°♏39'12	
	-1497 Nov 23 j 00:36	0°♐	
evening max el	-1497 Dec 09 j 06:00	23°♐41'19	18°45'23
asc. node	-1497 Dec 12 j 16:25	26°♐29'36	
retrograde	-1497 Dec 15 j 23:37	27°♐28'32	
evening set	-1497 Dec 19 j 01:22	26°♐34'45	
inferior conj	-1497 Dec 24 j 21:32	20°♐51'44	3°23'10
minimum elong	-1497 Dec 24 j 18:47	21°♐00'05	3°22'34
min. Earth dist.	-1497 Dec 26 j 15:51	18°♐43'18	0.65097 AU
morning rise	-1497 Dec 30 j 11:09	14°♐43'07	
direct	-1496 Jan 06 j 03:21	11°♐52'30	
morning max el	-1496 Jan 19 j 07:57	19°♐32'25	26°58'59
desc. node	-1496 Jan 22 j 09:15	22°♐47'05	
	-1496 Jan 28 j 07:18	0°♑	
	-1496 Feb 16 j 19:31	0°♒	
morning set	-1496 Feb 23 j 23:59	13°♒13'10	
max. Earth dist.	-1496 Feb 28 j 13:17	22°♒12'46	1.34253 AU
superior conj	-1496 Mar 03 j 09:01	0°♓04'59	-1°-1'-56
minimum elong	-1496 Mar 03 j 11:49	0°♓19'39	1°01'27
	-1496 Mar 03 j 08:03	0°♓	
asc. node	-1496 Mar 09 j 15:44	13°♓19'08	
evening rise	-1496 Mar 10 j 20:21	15°♓48'36	
	-1496 Mar 18 j 01:30	0°♈	
evening max el	-1496 Mar 30 j 22:24	18°♈07'09	21°31'28
retrograde	-1496 Apr 12 j 02:12	24°♈01'07	
evening set	-1496 Apr 14 j 14:11	23°♈46'55	
desc. node	-1496 Apr 19 j 08:20	22°♈11'17	
inferior conj	-1496 Apr 23 j 22:42	19°♈45'41	-1°-17'-40
minimum elong	-1496 Apr 23 j 19:04	19°♈50'47	1°16'24
min. Earth dist.	-1496 Apr 24 j 00:44	19°♈42'50	0.55057 AU
morning rise	-1496 May 03 j 00:27	15°♈46'01	
direct	-1496 May 06 j 00:49	15°♈26'08	
morning max el	-1496 May 18 j 11:45	21°♈20'20	22°01'05
	-1496 May 25 j 19:41	0°♉	
asc. node	-1496 Jun 05 j 15:02	18°♉42'17	
morning set	-1496 Jun 08 j 14:18	24°♉45'28	
	-1496 Jun 11 j 02:16	0°♊	
superior conj	-1496 Jun 15 j 22:01	10°♊11'46	1°29'48
minimum elong	-1496 Jun 15 j 19:33	9°♊58'47	1°29'33
max. Earth dist.	-1496 Jun 19 j 07:08	17°♊12'16	1.34632 AU
evening rise	-1496 Jun 24 j 00:20	26°♊35'36	
	-1496 Jun 25 j 19:06	0°♋	
	-1496 Jul 13 j 19:33	0°♌	
desc. node	-1496 Jul 16 j 07:36	3°♌31'56	
evening max el	-1496 Jul 28 j 22:53	18°♌34'32	27°00'16
retrograde	-1496 Aug 11 j 03:51	25°♌53'44	
evening set	-1496 Aug 18 j 00:09	23°♌07'49	
min. Earth dist.	-1496 Aug 21 j 21:30	19°♌15'45	0.65341 AU
inferior conj	-1496 Aug 23 j 20:15	17°♌01'20	-2°-45'-57
minimum elong	-1496 Aug 24 j 00:07	16°♌50'10	2°44'40
morning rise	-1496 Aug 30 j 01:29	11°♌22'15	
direct	-1496 Sep 01 j 20:04	10°♌40'15	
asc. node	-1496 Sep 01 j 14:14	10°♌40'34	
morning max el	-1496 Sep 08 j 09:41	14°♌14'44	18°17'36
	-1496 Sep 19 j 15:11	0°♍	
morning set	-1496 Sep 27 j 06:18	12°♍29'35	
	-1496 Oct 08 j 01:14	0°♎	
superior conj	-1496 Oct 12 j 00:47	6°♎20'06	0°01'42
minimum elong	-1496 Oct 12 j 00:59	6°♎20'56	0°01'40
behind sun begin	-1496 Oct 11 j 13:57	5°♎37'10	
behind sun end	-1496 Oct 12 j 12:02	7°♎04'39	
desc. node	-1496 Oct 12 j 07:01	6°♎44'50	
max. Earth dist.	-1496 Oct 14 j 15:57	10°♎29'38	1.44865 AU
	-1496 Oct 27 j 02:48	0°♏	
evening rise	-1496 Oct 28 j 14:01	2°♏17'31	
greatest brilliancy	-1496 Nov 12 j 20:55	25°♏48'16	-0.7m
	-1496 Nov 15 j 19:25	0°♐	
evening max el	-1496 Nov 21 j 14:05	7°♐07'56	19°30'08
retrograde	-1496 Nov 28 j 20:07	11°♐19'58	
asc. node	-1496 Nov 28 j 13:28	11°♐19'32	
evening set	-1496 Dec 02 j 04:52	10°♐13'45	
inferior conj	-1496 Dec 07 j 19:45	4°♐15'53	2°48'43
minimum elong	-1496 Dec 07 j 16:50	4°♐25'22	2°47'51
min. Earth dist.	-1496 Dec 09 j 00:02	2°♐44'05	0.66241 AU
	-1496 Dec 11 j 05:45	30°℞♏	
morning rise	-1496 Dec 13 j 04:03	28°♏02'25	
direct	-1496 Dec 19 j 07:55	25°♏20'14	
	-1496 Dec 28 j 20:57	0°♐	
morning max el	-1496 Dec 31 j 17:24	2°♐40'02	25°54'19
desc. node	-1495 Jan 08 j 06:17	11°♐17'54	
	-1495 Jan 21 j 12:12	0°♑	
morning set	-1495 Feb 05 j 22:18	26°♑03'29	
	-1495 Feb 08 j 01:02	0°♒	
max. Earth dist.	-1495 Feb 09 j 20:55	3°♒28'57	1.35723 AU
superior conj	-1495 Feb 15 j 04:20	13°♒57'48	-1°-25'-25
minimum elong	-1495 Feb 15 j 07:51	14°♒15'32	1°24'58
evening rise	-1495 Feb 23 j 02:58	0°♓14'28	
	-1495 Feb 23 j 00:08	0°♓	
asc. node	-1495 Feb 24 j 12:47	3°♓06'03	
evening max el	-1495 Mar 13 j 05:11	29°♓26'51	20°12'51
	-1495 Mar 13 j 19:26	0°♈	
retrograde	-1495 Mar 23 j 17:04	4°♈27'53	
evening set	-1495 Mar 25 j 21:20	4°♈15'51	
inferior conj	-1495 Apr 03 j 19:46	0°♈17'10	0°40'27
minimum elong	-1495 Apr 03 j 21:33	0°♈14'30	0°39'49
	-1495 Apr 04 j 07:16	30°℞♓	
min. Earth dist.	-1495 Apr 05 j 14:56	29°♓12'57	0.55422 AU
desc. node	-1495 Apr 06 j 05:24	28°♓51'52	
morning rise	-1495 Apr 12 j 19:14	25°♓54'13	
direct	-1495 Apr 16 j 14:26	25°♓22'38	
	-1495 Apr 27 j 20:13	0°♈	
morning max el	-1495 Apr 30 j 05:59	2°♈06'08	23°40'05
	-1495 May 19 j 06:30	0°♉	
asc. node	-1495 May 23 j 12:05	8°♉31'52	
morning set	-1495 May 24 j 01:57	9°♉44'19	
superior conj	-1495 May 31 j 04:49	24°♉59'43	1°13'04
minimum elong	-1495 May 31 j 02:18	24°♉46'11	1°12'42
max. Earth dist.	-1495 Jun 02 j 08:05	29°♉33'30	1.33542 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1495 Jun 02 j 13:05	0°♊	
evening rise	-1495 Jun 07 j 17:50	10°♊43'44	
	-1495 Jun 18 j 02:50	0°♋	
desc. node	-1495 Jul 03 j 04:38	22°♋33'28	
	-1495 Jul 09 j 14:52	0°♌	
evening max el	-1495 Jul 11 j 09:47	1°♌46'50	27°24'04
retrograde	-1495 Jul 25 j 00:26	9°♌08'27	
evening set	-1495 Aug 01 j 03:59	6°♌26'41	
min. Earth dist.	-1495 Aug 04 j 19:36	3°♌09'33	0.63901 AU
inferior conj	-1495 Aug 07 j 07:47	0°♌32'28	-3°-33'-20
minimum elong	-1495 Aug 07 j 12:10	0°♌20'58	3°32'11
	-1495 Aug 07 j 20:14	30°℞♋	
morning rise	-1495 Aug 13 j 22:19	25°♋10'08	
direct	-1495 Aug 16 j 12:04	24°♋37'03	
asc. node	-1495 Aug 19 j 11:17	25°♋21'22	
morning max el	-1495 Aug 23 j 00:59	28°♋03'15	17°57'34
	-1495 Aug 24 j 19:30	0°♌	
morning set	-1495 Sep 09 j 01:32	24°♌11'59	
	-1495 Sep 12 j 10:38	0°♍	
superior conj	-1495 Sep 21 j 18:59	15°♍38'39	0°47'00
minimum elong	-1495 Sep 21 j 23:42	15°♍57'54	0°46'25
max. Earth dist.	-1495 Sep 27 j 08:46	24°♍39'02	1.44144 AU
desc. node	-1495 Sep 29 j 04:00	27°♍31'00	
	-1495 Sep 30 j 17:43	0°♎	
evening rise	-1495 Oct 07 j 22:47	11°♎14'07	
	-1495 Oct 20 j 07:45	0°♏	
greatest brilliancy	-1495 Oct 29 j 12:42	13°♏08'01	-0.5m
evening max el	-1495 Nov 04 j 17:08	20°♏35'30	20°29'43
retrograde	-1495 Nov 12 j 17:39	25°♏19'26	
asc. node	-1495 Nov 15 j 10:31	24°♏37'31	
evening set	-1495 Nov 16 j 11:31	23°♏58'30	
inferior conj	-1495 Nov 21 j 22:55	17°♏49'09	2°06'29
minimum elong	-1495 Nov 21 j 20:24	17°♏57'42	2°05'35
min. Earth dist.	-1495 Nov 22 j 14:45	16°♏55'34	0.67019 AU
morning rise	-1495 Nov 27 j 04:45	11°♏33'16	
direct	-1495 Dec 02 j 17:54	9°♏08'02	
morning max el	-1495 Dec 14 j 01:49	15°♏53'28	24°33'20
	-1495 Dec 25 j 17:41	0°♐	
desc. node	-1495 Dec 26 j 03:20	0°♐32'52	
	-1494 Jan 14 j 11:01	0°♑	
morning set	-1494 Jan 19 j 00:50	7°♑50'35	
max. Earth dist.	-1494 Jan 22 j 18:33	14°♑31'15	1.37598 AU
superior conj	-1494 Jan 29 j 12:58	27°♑14'07	-1°-44'-45
minimum elong	-1494 Jan 29 j 16:21	27°♑30'29	1°44'29
	-1494 Jan 30 j 23:04	0°♒	
evening rise	-1494 Feb 07 j 03:47	14°♒16'45	
asc. node	-1494 Feb 11 j 09:51	22°♒34'14	
	-1494 Feb 15 j 12:45	0°♓	
evening max el	-1494 Feb 23 j 22:53	11°♓23'46	19°12'16
retrograde	-1494 Mar 04 j 19:23	15°♓38'15	
evening set	-1494 Mar 07 j 01:38	15°♓22'53	
inferior conj	-1494 Mar 15 j 06:50	11°♓12'10	2°18'49
minimum elong	-1494 Mar 15 j 11:23	11°♓04'27	2°17'32
min. Earth dist.	-1494 Mar 18 j 06:17	9°♓11'55	0.56659 AU
morning rise	-1494 Mar 23 j 17:08	6°♓17'39	
desc. node	-1494 Mar 24 j 02:28	6°♓09'13	
direct	-1494 Mar 28 j 15:54	5°♓20'44	
morning max el	-1494 Apr 11 j 20:42	12°♓37'54	25°17'43
	-1494 Apr 25 j 07:51	0°♈	
morning set	-1494 May 08 j 14:00	24°♈44'31	
asc. node	-1494 May 10 j 09:10	28°♈33'45	
	-1494 May 11 j 01:13	0°♉	
superior conj	-1494 May 15 j 14:58	9°♉57'01	0°52'44
minimum elong	-1494 May 15 j 12:53	9°♉45'39	0°52'21
max. Earth dist.	-1494 May 16 j 16:31	12°♉16'06	1.32831 AU
evening rise	-1494 May 22 j 19:35	25°♉16'26	
	-1494 May 25 j 03:42	0°♊	
	-1494 Jun 11 j 16:50	0°♋	
desc. node	-1494 Jun 20 j 01:40	10°♋41'08	
evening max el	-1494 Jun 23 j 17:51	14°♋29'40	27°17'03
retrograde	-1494 Jul 07 j 14:31	21°♋49'08	
evening set	-1494 Jul 14 j 17:28	19°♋25'15	
min. Earth dist.	-1494 Jul 18 j 07:39	16°♋34'37	0.62121 AU
inferior conj	-1494 Jul 21 j 08:09	13°♋46'24	-4°-11'-23
minimum elong	-1494 Jul 21 j 11:58	13°♋37'32	4°10'44
morning rise	-1494 Jul 28 j 09:02	8°♋43'53	
direct	-1494 Jul 30 j 20:27	8°♋16'56	
asc. node	-1494 Aug 06 j 08:22	11°♋25'31	
morning max el	-1494 Aug 06 j 15:44	11°♋43'12	17°55'49
	-1494 Aug 18 j 21:28	0°♌	
morning set	-1494 Aug 22 j 17:45	6°♌54'38	
superior conj	-1494 Sep 02 j 16:17	26°♌17'26	1°20'14
minimum elong	-1494 Sep 02 j 21:18	26°♌38'59	1°19'43
	-1494 Sep 04 j 20:30	0°♍	
max. Earth dist.	-1494 Sep 09 j 21:41	8°♍24'09	1.42804 AU
desc. node	-1494 Sep 16 j 01:02	18°♍15'57	
evening rise	-1494 Sep 17 j 06:32	20°♍11'55	
	-1494 Sep 23 j 15:06	0°♎	
greatest brilliancy	-1494 Oct 13 j 16:51	28°♎27'30	-0.4m
	-1494 Oct 14 j 23:06	0°♏	
evening max el	-1494 Oct 18 j 14:21	4°♏03'33	21°41'04
retrograde	-1494 Oct 27 j 14:13	9°♏24'13	
evening set	-1494 Oct 31 j 19:25	7°♏46'16	
asc. node	-1494 Nov 02 j 07:34	6°♏23'25	
inferior conj	-1494 Nov 06 j 04:55	1°♏28'52	1°18'39
minimum elong	-1494 Nov 06 j 03:11	1°♏34'50	1°17'56
min. Earth dist.	-1494 Nov 06 j 09:33	1°♏12'51	0.67454 AU
	-1494 Nov 07 j 06:48	30°℞♎	
morning rise	-1494 Nov 11 j 10:41	25°♎13'09	
direct	-1494 Nov 16 j 08:28	23°♎09'25	
morning max el	-1494 Nov 26 j 11:15	29°♎10'40	23°06'10
	-1494 Nov 27 j 06:23	0°♏	
greatest brilliancy	-1494 Dec 01 j 09:41	4°♏42'45	-0.3m
desc. node	-1494 Dec 13 j 00:22	20°♏19'21	
	-1494 Dec 19 j 13:05	0°♐	
morning set	-1494 Dec 31 j 01:22	18°♐18'42	
max. Earth dist.	-1493 Jan 04 j 13:59	25°♐59'07	1.39696 AU
	-1493 Jan 06 j 21:13	0°♑	
superior conj	-1493 Jan 12 j 06:39	9°♑43'06	-1°-57'-1
minimum elong	-1493 Jan 12 j 08:29	9°♑51'32	1°57'00
evening rise	-1493 Jan 21 j 20:05	27°♑48'52	
	-1493 Jan 22 j 23:29	0°♒	
asc. node	-1493 Jan 29 j 06:54	11°♒37'17	
evening max el	-1493 Feb 07 j 01:35	23°♒53'37	18°31'27
retrograde	-1493 Feb 14 j 16:17	27°♒37'06	
evening set	-1493 Feb 17 j 02:43	27°♒15'30	
inferior conj	-1493 Feb 24 j 14:18	22°♒44'49	3°21'46
minimum elong	-1493 Feb 24 j 18:00	22°♒37'28	3°21'07
min. Earth dist.	-1493 Feb 28 j 00:13	20°♒04'14	0.58488 AU
morning rise	-1493 Mar 04 j 05:32	17°♒22'09	
direct	-1493 Mar 10 j 06:29	15°♒49'08	
desc. node	-1493 Mar 10 j 23:32	15°♒50'25	
morning max el	-1493 Mar 24 j 13:58	23°♒24'29	26°38'48
	-1493 Mar 30 j 12:11	0°♓	
	-1493 Apr 18 j 05:53	0°♈	
morning set	-1493 Apr 23 j 00:46	9°♈40'20	
asc. node	-1493 Apr 27 j 06:14	18°♈43'05	
superior conj	-1493 Apr 30 j 02:36	24°♈57'11	0°29'42

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1493 Apr 30 j 01:20	24°♈50'10	0°29'26
max. Earth dist.	-1493 Apr 30 j 05:06	25°♈10'53	1.32476 AU
	-1493 May 02 j 09:56	0°♉	
evening rise	-1493 May 07 j 02:47	10°♉04'24	
	-1493 May 17 j 11:26	0°♊	
evening max el	-1493 Jun 05 j 20:25	26°♊31'39	26°36'59
desc. node	-1493 Jun 06 j 22:42	27°♊32'27	
	-1493 Jun 09 j 23:20	0°♋	
retrograde	-1493 Jun 19 j 20:37	3°♋47'48	
evening set	-1493 Jun 26 j 12:07	1°♋54'51	
	-1493 Jun 29 j 10:40	30°℞♊	
min. Earth dist.	-1493 Jun 30 j 09:45	29°♊16'22	0.60112 AU
inferior conj	-1493 Jul 03 j 17:50	26°♊34'16	-4°-33'-21
minimum elong	-1493 Jul 03 j 19:22	26°♊31'09	4°33'16
morning rise	-1493 Jul 11 j 05:52	21°♊54'03	
direct	-1493 Jul 13 j 17:04	21°♊31'22	
morning max el	-1493 Jul 21 j 03:01	25°♊07'15	18°13'22
asc. node	-1493 Jul 24 j 05:27	28°♊37'50	
	-1493 Jul 25 j 05:55	0°♋	
morning set	-1493 Aug 06 j 01:18	20°♋22'11	
	-1493 Aug 11 j 04:08	0°♌	
superior conj	-1493 Aug 15 j 15:22	8°♌13'02	1°39'50
minimum elong	-1493 Aug 15 j 18:24	8°♌26'43	1°39'40
max. Earth dist.	-1493 Aug 23 j 05:22	21°♌31'19	1.41022 AU
evening rise	-1493 Aug 28 j 06:53	29°♌56'50	
	-1493 Aug 28 j 07:39	0°♍	
desc. node	-1493 Sep 02 j 22:02	8°♍55'43	
	-1493 Sep 17 j 03:47	0°♎	
greatest brilliancy	-1493 Sep 26 j 00:38	11°♎40'15	-0.3m
evening max el	-1493 Oct 01 j 06:07	17°♎31'57	22°59'45
retrograde	-1493 Oct 11 j 08:19	23°♎30'58	
evening set	-1493 Oct 16 j 02:46	21°♎34'22	
asc. node	-1493 Oct 20 j 04:37	16°♎59'05	
inferior conj	-1493 Oct 21 j 11:49	15°♎12'29	0°26'51
minimum elong	-1493 Oct 21 j 11:11	15°♎14'39	0°26'34
min. Earth dist.	-1493 Oct 21 j 06:00	15°♎32'33	0.67570 AU
morning rise	-1493 Oct 26 j 19:37	8°♎59'29	
direct	-1493 Oct 31 j 02:42	7°♎18'15	
morning max el	-1493 Nov 09 j 01:08	12°♎34'07	21°41'31
greatest brilliancy	-1493 Nov 13 j 23:52	18°♎12'35	-0.4m
	-1493 Nov 22 j 17:44	0°♏	
desc. node	-1493 Nov 29 j 21:23	10°♏27'42	
morning set	-1493 Dec 10 j 20:46	27°♏23'00	
	-1493 Dec 12 j 12:05	0°♐	
max. Earth dist.	-1493 Dec 17 j 14:19	8°♐18'15	1.41729 AU
superior conj	-1493 Dec 25 j 03:56	21°♐10'16	-1°-58'-26
minimum elong	-1493 Dec 25 j 02:21	21°♐03'22	1°58'26
	-1493 Dec 30 j 03:24	0°♑	
evening rise	-1492 Jan 05 j 00:20	10°♑42'20	
asc. node	-1492 Jan 16 j 03:56	0°♒06'36	
	-1492 Jan 16 j 02:11	0°♒	
evening max el	-1492 Jan 21 j 10:21	6°♒47'46	18°10'43
retrograde	-1492 Jan 28 j 07:01	10°♒16'17	
evening set	-1492 Jan 30 j 21:11	9°♒47'10	
inferior conj	-1492 Feb 06 j 17:51	4°♒54'34	3°50'53
minimum elong	-1492 Feb 06 j 19:10	4°♒51'33	3°50'47
min. Earth dist.	-1492 Feb 09 j 23:53	1°♒56'48	0.60547 AU
	-1492 Feb 12 j 09:53	30°℞♑	
morning rise	-1492 Feb 13 j 14:15	29°♑11'40	
direct	-1492 Feb 20 j 08:24	27°♑01'37	
desc. node	-1492 Feb 25 j 20:35	28°♑20'40	
	-1492 Feb 28 j 19:00	0°♒	
morning max el	-1492 Mar 05 j 13:22	4°♒46'53	27°30'19
	-1492 Mar 24 j 06:47	0°♓	
morning set	-1492 Apr 06 j 08:27	24°♓25'15	
	-1492 Apr 09 j 00:16	0°♈	
max. Earth dist.	-1492 Apr 12 j 17:56	8°♈04'17	1.32467 AU
asc. node	-1492 Apr 13 j 03:17	8°♈55'23	
superior conj	-1492 Apr 13 j 14:04	9°♈54'22	0°04'46
minimum elong	-1492 Apr 13 j 13:51	9°♈53'09	0°04'44
behind sun begin	-1492 Apr 13 j 09:01	9°♈26'44	
behind sun end	-1492 Apr 13 j 18:40	10°♈19'36	
evening rise	-1492 Apr 20 j 13:13	24°♈59'41	
	-1492 Apr 22 j 23:07	0°♉	
	-1492 May 10 j 18:35	0°♊	
evening max el	-1492 May 17 j 16:10	7°♊49'21	25°27'19
desc. node	-1492 May 23 j 19:44	12°♊36'47	
retrograde	-1492 May 31 j 17:21	15°♊00'26	
evening set	-1492 Jun 06 j 08:31	13°♊45'55	
min. Earth dist.	-1492 Jun 11 j 04:09	11°♊01'42	0.58082 AU
inferior conj	-1492 Jun 14 j 09:19	8°♊46'31	-4°-29'-21
minimum elong	-1492 Jun 14 j 06:52	8°♊50'50	4°29'10
morning rise	-1492 Jun 22 j 09:08	4°♊28'55	
direct	-1492 Jun 24 j 21:24	4°♊09'24	
morning max el	-1492 Jul 03 j 07:56	8°♊07'16	18°51'16
asc. node	-1492 Jul 10 j 02:31	16°♊43'51	
	-1492 Jul 17 j 13:36	0°♋	
morning set	-1492 Jul 19 j 19:56	4°♋23'47	
superior conj	-1492 Jul 28 j 10:51	21°♋11'00	1°47'38
minimum elong	-1492 Jul 28 j 11:33	21°♋14'18	1°47'39
	-1492 Aug 02 j 04:24	0°♌	
max. Earth dist.	-1492 Aug 04 j 08:31	3°♌54'54	1.39037 AU
evening rise	-1492 Aug 08 j 08:17	10°♌53'32	
desc. node	-1492 Aug 19 j 19:03	29°♌26'42	
	-1492 Aug 20 j 03:45	0°♍	
	-1492 Sep 11 j 17:28	0°♎	
evening max el	-1492 Sep 12 j 18:18	1°♎03'05	24°19'47
retrograde	-1492 Sep 23 j 22:56	7°♎36'58	
evening set	-1492 Sep 29 j 07:55	5°♎21'43	
	-1492 Oct 03 j 23:52	30°℞♍	
min. Earth dist.	-1492 Oct 04 j 01:47	29°♍53'35	0.67377 AU
inferior conj	-1492 Oct 04 j 17:59	28°♍59'04	0°-27'-17
minimum elong	-1492 Oct 04 j 18:39	28°♍56'51	0°27'02
asc. node	-1492 Oct 06 j 01:40	27°♍13'56	
morning rise	-1492 Oct 10 j 05:40	22°♍51'29	
direct	-1492 Oct 13 j 23:38	21°♍31'06	
morning max el	-1492 Oct 21 j 22:03	26°♍07'18	20°25'57
	-1492 Oct 25 j 08:40	0°♎	
greatest brilliancy	-1492 Oct 28 j 09:01	3°♎51'49	-0.5m
	-1492 Nov 15 j 04:53	0°♏	
desc. node	-1492 Nov 15 j 18:24	0°♏51'51	
morning set	-1492 Nov 18 j 19:47	5°♏34'51	
max. Earth dist.	-1492 Nov 28 j 21:51	21°♏29'26	1.43412 AU
	-1492 Dec 04 j 03:15	0°♐	
superior conj	-1492 Dec 04 j 23:34	1°♐23'57	-1°-44'-38
minimum elong	-1492 Dec 04 j 17:33	0°♐59'06	1°44'15
evening rise	-1492 Dec 17 j 12:30	22°♐49'00	
	-1492 Dec 21 j 15:09	0°♑	
asc. node	-1491 Jan 02 j 00:57	17°♑52'09	
evening max el	-1491 Jan 03 j 22:18	19°♑58'24	18°09'37
retrograde	-1491 Jan 10 j 11:13	23°♑25'33	
evening set	-1491 Jan 13 j 05:06	22°♑47'57	
inferior conj	-1491 Jan 19 j 14:06	17°♑34'21	3°53'54
minimum elong	-1491 Jan 19 j 13:12	17°♑36'43	3°53'50
min. Earth dist.	-1491 Jan 22 j 08:11	14°♑42'47	0.62536 AU
morning rise	-1491 Jan 25 j 19:15	11°♑38'13	
direct	-1491 Feb 01 j 19:40	9°♑00'29	
desc. node	-1491 Feb 11 j 17:37	13°♑14'43	
morning max el	-1491 Feb 15 j 18:37	16°♑50'16	27°45'34

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1491 Feb 26 j 17:14	0°♒	
	-1491 Mar 16 j 22:34	0°♓	
morning set	-1491 Mar 21 j 10:55	8°♓51'30	
max. Earth dist.	-1491 Mar 27 j 02:59	20°♓41'44	1.32830 AU
superior conj	-1491 Mar 28 j 23:38	24°♓42'16	0°-21'-15
minimum elong	-1491 Mar 29 j 00:38	24°♓47'38	0°21'02
asc. node	-1491 Mar 31 j 00:18	29°♓06'14	
	-1491 Mar 31 j 10:12	0°♈	
evening rise	-1491 Apr 05 j 00:57	9°♈55'03	
	-1491 Apr 15 j 11:12	0°♉	
evening max el	-1491 Apr 29 j 07:24	18°♉34'18	23°57'58
desc. node	-1491 May 10 j 16:47	25°♉16'41	
retrograde	-1491 May 13 j 02:34	25°♉29'57	
evening set	-1491 May 17 j 08:09	24°♉50'10	
min. Earth dist.	-1491 May 23 j 18:36	21°♉44'50	0.56354 AU
inferior conj	-1491 May 26 j 04:33	20°♉15'39	-3°-47'-34
minimum elong	-1491 May 25 j 22:23	20°♉25'13	3°46'18
morning rise	-1491 Jun 03 j 16:25	16°♉15'26	
direct	-1491 Jun 06 j 06:23	15°♉58'08	
morning max el	-1491 Jun 16 j 03:43	20°♉32'48	19°49'56
	-1491 Jun 23 j 16:26	0°♊	
asc. node	-1491 Jun 26 j 23:33	5°♊30'16	
morning set	-1491 Jul 03 j 22:15	18°♊49'40	
	-1491 Jul 09 j 10:26	0°♋	
superior conj	-1491 Jul 11 j 21:08	4°♋54'22	1°46'06
minimum elong	-1491 Jul 11 j 20:02	4°♋48'50	1°46'06
max. Earth dist.	-1491 Jul 17 j 11:48	15°♋47'19	1.37109 AU
evening rise	-1491 Jul 21 j 09:46	23°♋00'28	
	-1491 Jul 25 j 08:59	0°♌	
desc. node	-1491 Aug 06 j 16:04	19°♌43'11	
	-1491 Aug 13 j 21:45	0°♍	
evening max el	-1491 Aug 26 j 05:24	14°♍37'22	25°34'05
retrograde	-1491 Sep 07 j 09:14	21°♍37'11	
evening set	-1491 Sep 13 j 09:03	19°♍05'37	
min. Earth dist.	-1491 Sep 17 j 18:30	14°♍13'31	0.66861 AU
inferior conj	-1491 Sep 18 j 21:38	12°♍46'11	-1°-22'-15
minimum elong	-1491 Sep 18 j 23:39	12°♍39'40	1°21'26
asc. node	-1491 Sep 22 j 22:42	8°♍05'41	
morning rise	-1491 Sep 24 j 14:55	6°♍46'56	
direct	-1491 Sep 27 j 21:54	5°♍44'15	
morning max el	-1491 Oct 05 j 02:23	9°♍49'29	19°23'37
greatest brilliancy	-1491 Oct 14 j 15:47	22°♍14'16	-0.7m
	-1491 Oct 19 j 19:38	0°♎	
morning set	-1491 Oct 28 j 21:13	14°♎01'34	
desc. node	-1491 Nov 02 j 15:26	21°♎26'51	
	-1491 Nov 08 j 02:26	0°♏	
max. Earth dist.	-1491 Nov 11 j 11:43	5°♏20'21	1.44531 AU
superior conj	-1491 Nov 14 j 16:39	10°♏25'40	-1°-13'00
minimum elong	-1491 Nov 14 j 08:53	9°♏54'46	1°12'12
	-1491 Nov 26 j 18:05	0°♐	
evening rise	-1491 Nov 29 j 04:07	4°♐00'35	
	-1491 Dec 15 j 14:22	0°♑	
evening max el	-1491 Dec 18 j 10:43	3°♑19'16	18°27'19
asc. node	-1491 Dec 19 j 21:58	4°♑41'22	
retrograde	-1491 Dec 25 j 00:27	6°♑56'12	
evening set	-1491 Dec 27 j 22:55	6°♑08'51	
inferior conj	-1490 Jan 02 j 23:06	0°♑36'09	3°38'20
minimum elong	-1490 Jan 02 j 20:47	0°♑42'51	3°37'57
	-1490 Jan 03 j 11:33	30°℞♐	
min. Earth dist.	-1490 Jan 05 j 02:13	28°♐08'34	0.64261 AU
morning rise	-1490 Jan 08 j 17:15	24°♐31'19	
direct	-1490 Jan 15 j 14:38	21°♐40'50	
morning max el	-1490 Jan 29 j 03:20	29°♐27'33	27°25'02
desc. node	-1490 Jan 29 j 14:39	29°♐56'03	
	-1490 Jan 29 j 16:12	0°♑	
	-1490 Feb 20 j 14:21	0°♒	
morning set	-1490 Mar 05 j 05:28	22°♒50'04	
	-1490 Mar 08 j 19:11	0°♓	
max. Earth dist.	-1490 Mar 10 j 04:17	2°♓50'32	1.33602 AU
superior conj	-1490 Mar 13 j 05:32	9°♓14'58	0°-47'-19
minimum elong	-1490 Mar 13 j 07:43	9°♓26'36	0°46'55
asc. node	-1490 Mar 17 j 21:20	19°♓11'39	
evening rise	-1490 Mar 20 j 12:11	24°♓44'17	
	-1490 Mar 23 j 01:23	0°♈	
evening max el	-1490 Apr 11 j 00:18	29°♈13'42	22°23'15
	-1490 Apr 11 j 20:09	0°♉	
retrograde	-1490 Apr 23 j 23:03	5°♉34'38	
evening set	-1490 Apr 26 j 22:11	5°♉15'19	
desc. node	-1490 Apr 27 j 13:48	5°♉06'09	
min. Earth dist.	-1490 May 05 j 08:04	1°♉37'11	0.55282 AU
inferior conj	-1490 May 06 j 06:28	1°♉05'25	-2°-22'-18
minimum elong	-1490 May 06 j 00:26	1°♉13'59	2°20'24
	-1490 May 08 j 05:13	30°℞♈	
morning rise	-1490 May 15 j 04:41	27°♈10'13	
direct	-1490 May 17 j 23:17	26°♈52'37	
	-1490 May 26 j 17:58	0°♉	
morning max el	-1490 May 29 j 12:32	2°♉16'39	21°08'20
asc. node	-1490 Jun 13 j 20:37	24°♉47'19	
	-1490 Jun 16 j 11:59	0°♊	
morning set	-1490 Jun 18 j 05:46	3°♊33'04	
superior conj	-1490 Jun 25 j 17:52	19°♊10'13	1°37'24
minimum elong	-1490 Jun 25 j 15:41	18°♊59'00	1°37'14
max. Earth dist.	-1490 Jun 29 j 21:46	27°♊36'57	1.35442 AU
	-1490 Jul 01 j 02:44	0°♋	
evening rise	-1490 Jul 04 j 06:35	6°♋05'16	
	-1490 Jul 18 j 02:50	0°♌	
desc. node	-1490 Jul 24 j 13:06	9°♌38'17	
evening max el	-1490 Aug 08 j 17:01	28°♌11'18	26°34'42
	-1490 Aug 10 j 16:12	0°♍	
retrograde	-1490 Aug 21 j 14:30	5°♍25'48	
evening set	-1490 Aug 28 j 04:04	2°♍43'04	
	-1490 Aug 30 j 22:12	30°℞♌	
min. Earth dist.	-1490 Sep 01 j 05:44	28°♌28'50	0.66002 AU
inferior conj	-1490 Sep 02 j 20:52	26°♌30'51	-2°-16'-13
minimum elong	-1490 Sep 03 j 00:09	26°♌20'55	2°15'01
morning rise	-1490 Sep 08 j 21:18	20°♌43'11	
asc. node	-1490 Sep 09 j 19:46	20°♌17'09	
direct	-1490 Sep 11 j 19:44	19°♌54'34	
morning max el	-1490 Sep 18 j 12:49	23°♌37'47	18°36'50
	-1490 Sep 23 j 17:02	0°♍	
morning set	-1490 Oct 08 j 21:34	23°♍39'30	
	-1490 Oct 12 j 20:42	0°♎	
desc. node	-1490 Oct 20 j 12:27	12°♎08'48	
superior conj	-1490 Oct 24 j 17:29	18°♎46'51	0°-27'-2
minimum elong	-1490 Oct 24 j 13:55	18°♎32'48	0°26'35
max. Earth dist.	-1490 Oct 25 j 05:36	19°♎34'30	1.44959 AU
	-1490 Oct 31 j 20:35	0°♏	
evening rise	-1490 Nov 09 j 19:52	14°♏11'47	
	-1490 Nov 19 j 19:00	0°♐	
evening max el	-1490 Dec 01 j 21:04	16°♐44'50	19°02'36
asc. node	-1490 Dec 06 j 19:00	20°♐19'02	
retrograde	-1490 Dec 08 j 19:05	20°♐41'17	
evening set	-1490 Dec 11 j 23:37	19°♐42'26	
inferior conj	-1490 Dec 17 j 17:19	13°♐52'59	3°09'38
minimum elong	-1490 Dec 17 j 14:25	14°♐02'03	3°08'55
min. Earth dist.	-1490 Dec 19 j 05:32	11°♐59'38	0.65630 AU
morning rise	-1490 Dec 23 j 04:18	7°♐42'16	
direct	-1490 Dec 29 j 15:52	4°♐53'41	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1489 Jan 11 j 12:50	12°♐26'20	26°34'07
desc. node	-1489 Jan 16 j 11:42	17°♐53'15	
	-1489 Jan 25 j 16:48	0°♑	
	-1489 Feb 13 j 04:56	0°♒	
morning set	-1489 Feb 16 j 12:25	6°♒08'28	
max. Earth dist.	-1489 Feb 20 j 18:38	14°♒23'32	1.34821 AU
superior conj	-1489 Feb 25 j 05:27	23°♒24'12	-1°-12'-15
minimum elong	-1489 Feb 25 j 08:38	23°♒40'34	1°11'46
	-1489 Feb 28 j 09:37	0°♓	
evening rise	-1489 Mar 04 j 21:02	9°♓20'07	
asc. node	-1489 Mar 04 j 18:22	9°♓06'24	
	-1489 Mar 15 j 23:33	0°♈	
evening max el	-1489 Mar 24 j 00:57	10°♈13'17	20°56'06
retrograde	-1489 Apr 04 j 12:06	15°♈44'12	
evening set	-1489 Apr 06 j 19:20	15°♈31'44	
desc. node	-1489 Apr 14 j 10:51	12°♈27'42	
inferior conj	-1489 Apr 16 j 01:00	11°♈34'01	0°-27'-2
minimum elong	-1489 Apr 15 j 23:43	11°♈35'50	0°26'36
min. Earth dist.	-1489 Apr 16 j 21:31	11°♈04'52	0.55102 AU
morning rise	-1489 Apr 25 j 03:12	7°♈26'28	
direct	-1489 Apr 28 j 10:30	7°♈02'49	
morning max el	-1489 May 11 j 10:56	13°♈19'01	22°42'23
	-1489 May 24 j 00:56	0°♉	
asc. node	-1489 May 31 j 17:42	14°♉26'50	
morning set	-1489 Jun 02 j 16:27	18°♉27'52	
	-1489 Jun 08 j 02:48	0°♊	
superior conj	-1489 Jun 09 j 21:43	3°♊48'31	1°23'13
minimum elong	-1489 Jun 09 j 19:09	3°♊34'56	1°22'54
max. Earth dist.	-1489 Jun 12 j 17:34	9°♊45'16	1.34130 AU
evening rise	-1489 Jun 17 j 17:44	19°♊53'41	
	-1489 Jun 23 j 01:43	0°♋	
desc. node	-1489 Jul 11 j 10:07	29°♋02'53	
	-1489 Jul 12 j 03:19	0°♌	
evening max el	-1489 Jul 22 j 04:49	11°♌35'34	27°13'53
retrograde	-1489 Aug 04 j 14:13	18°♌55'35	
evening set	-1489 Aug 11 j 14:22	16°♌10'13	
min. Earth dist.	-1489 Aug 15 j 09:07	12°♌33'31	0.64777 AU
inferior conj	-1489 Aug 17 j 13:27	10°♌08'47	-3°-6'-54
minimum elong	-1489 Aug 17 j 17:39	9°♌57'09	3°05'36
morning rise	-1489 Aug 23 j 22:29	4°♌36'14	
direct	-1489 Aug 26 j 14:49	3°♌58'15	
asc. node	-1489 Aug 27 j 16:52	4°♌04'30	
morning max el	-1489 Sep 02 j 03:08	7°♌27'59	18°06'52
	-1489 Sep 17 j 07:17	0°♍	
morning set	-1489 Sep 20 j 02:14	4°♍40'40	
superior conj	-1489 Oct 03 j 23:44	27°♍28'57	0°22'05
minimum elong	-1489 Oct 04 j 02:22	27°♍39'29	0°21'43
	-1489 Oct 05 j 13:32	0°♎	
desc. node	-1489 Oct 07 j 09:29	2°♎54'40	
max. Earth dist.	-1489 Oct 08 j 00:24	3°♎53'44	1.44647 AU
evening rise	-1489 Oct 20 j 13:22	23°♎29'31	
	-1489 Oct 24 j 18:33	0°♏	
greatest brilliancy	-1489 Nov 07 j 17:19	20°♏54'01	-0.6m
	-1489 Nov 14 j 22:29	0°♐	
evening max el	-1489 Nov 15 j 03:16	0°♐12'27	19°53'49
retrograde	-1489 Nov 22 j 16:16	4°♐36'52	
asc. node	-1489 Nov 23 j 16:03	4°♐31'14	
evening set	-1489 Nov 26 j 04:45	3°♐24'29	
	-1489 Nov 29 j 16:30	30°℞♏	
inferior conj	-1489 Dec 01 j 17:56	27°♏21'16	2°31'36
minimum elong	-1489 Dec 01 j 15:07	27°♏30'35	2°30'41
min. Earth dist.	-1489 Dec 02 j 16:39	26°♏06'00	0.66620 AU
morning rise	-1489 Dec 07 j 00:53	21°♏06'43	
direct	-1489 Dec 12 j 22:41	18°♏31'10	
morning max el	-1489 Dec 24 j 21:46	25°♏37'04	25°21'17
	-1489 Dec 28 j 22:24	0°♐	
desc. node	-1488 Jan 03 j 08:46	6°♐44'32	
	-1488 Jan 19 j 05:37	0°♑	
morning set	-1488 Jan 30 j 03:00	18°♑33'09	
max. Earth dist.	-1488 Feb 02 j 21:42	25°♑30'55	1.36485 AU
	-1488 Feb 05 j 06:18	0°♒	
superior conj	-1488 Feb 08 j 20:39	7°♒02'14	-1°-34'-16
minimum elong	-1488 Feb 09 j 00:14	7°♒20'04	1°33'54
evening rise	-1488 Feb 17 j 01:28	23°♒36'29	
asc. node	-1488 Feb 19 j 15:25	28°♒45'42	
	-1488 Feb 20 j 06:35	0°♓	
evening max el	-1488 Mar 05 j 12:21	21°♓47'43	19°44'37
retrograde	-1488 Mar 15 j 06:34	26°♓27'36	
evening set	-1488 Mar 17 j 11:10	26°♓14'32	
inferior conj	-1488 Mar 26 j 02:36	22°♓11'43	1°26'03
minimum elong	-1488 Mar 26 j 06:03	22°♓06'18	1°24'55
min. Earth dist.	-1488 Mar 28 j 11:41	20°♓42'46	0.55857 AU
desc. node	-1488 Mar 31 j 07:54	19°♓05'46	
morning rise	-1488 Apr 03 j 21:40	17°♓35'56	
direct	-1488 Apr 08 j 04:01	16°♓55'30	
morning max el	-1488 Apr 22 j 02:49	23°♓54'39	24°22'48
	-1488 Apr 27 j 15:06	0°♈	
	-1488 May 15 j 12:27	0°♉	
morning set	-1488 May 17 j 04:28	3°♉27'54	
asc. node	-1488 May 17 j 14:45	4°♉22'07	
superior conj	-1488 May 24 j 06:09	18°♉40'53	1°04'49
minimum elong	-1488 May 24 j 03:46	18°♉27'58	1°04'26
max. Earth dist.	-1488 May 25 j 22:15	22°♉17'03	1.33194 AU
	-1488 May 29 j 13:46	0°♊	
evening rise	-1488 May 31 j 15:04	4°♊13'01	
	-1488 Jun 14 j 19:00	0°♋	
desc. node	-1488 Jun 27 j 07:10	17°♋43'43	
evening max el	-1488 Jul 03 j 14:46	24°♋36'36	27°25'01
	-1488 Jul 10 j 15:29	0°♌	
retrograde	-1488 Jul 17 j 07:57	1°♌57'12	
	-1488 Jul 23 j 13:30	30°℞♋	
evening set	-1488 Jul 24 j 12:37	29°♋21'05	
min. Earth dist.	-1488 Jul 28 j 02:49	26°♋16'58	0.63186 AU
inferior conj	-1488 Jul 30 j 20:38	23°♋33'23	-3°-50'-57
minimum elong	-1488 Jul 31 j 00:57	23°♋22'37	3°49'58
morning rise	-1488 Aug 06 j 15:29	18°♋19'18	
direct	-1488 Aug 09 j 04:03	17°♋49'03	
asc. node	-1488 Aug 13 j 13:57	19°♋22'32	
morning max el	-1488 Aug 15 j 18:35	21°♋13'48	17°54'33
	-1488 Aug 22 j 10:10	0°♌	
morning set	-1488 Sep 01 j 07:07	16°♌50'37	
	-1488 Sep 08 j 20:43	0°♍	
superior conj	-1488 Sep 13 j 05:04	7°♍20'35	1°02'48
minimum elong	-1488 Sep 13 j 10:21	7°♍42'35	1°02'10
max. Earth dist.	-1488 Sep 19 j 16:15	17°♍56'18	1.43642 AU
desc. node	-1488 Sep 23 j 06:31	23°♍40'38	
	-1488 Sep 27 j 07:11	0°♎	
evening rise	-1488 Sep 28 j 19:19	2°♎20'17	
	-1488 Oct 17 j 08:41	0°♏	
greatest brilliancy	-1488 Oct 22 j 15:18	7°♏09'53	-0.5m
evening max el	-1488 Oct 28 j 03:47	13°♏39'32	20°58'47
retrograde	-1488 Nov 05 j 13:42	18°♏38'53	
evening set	-1488 Nov 09 j 12:09	17°♏10'47	
asc. node	-1488 Nov 09 j 13:07	17°♏08'58	
inferior conj	-1488 Nov 14 j 22:32	10°♏57'16	1°46'46
minimum elong	-1488 Nov 14 j 20:18	11°♏04'55	1°45'54
min. Earth dist.	-1488 Nov 15 j 09:22	10°♏20'09	0.67245 AU
morning rise	-1488 Nov 20 j 04:04	4°♏41'10	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1488 Nov 25 j 10:33	2°♏25'03	
morning max el	-1488 Dec 06 j 06:28	8°♏52'34	23°56'27
desc. node	-1488 Dec 20 j 05:49	26°♏13'54	
	-1488 Dec 22 j 21:24	0°♐	
morning set	-1487 Jan 10 j 19:12	29°♐48'13	
	-1487 Jan 10 j 21:57	0°♑	
max. Earth dist.	-1487 Jan 14 j 17:38	6°♑40'28	1.38478 AU
superior conj	-1487 Jan 21 j 23:28	19°♑59'24	-1°-51'-1
minimum elong	-1487 Jan 22 j 02:24	20°♑13'19	1°50'53
	-1487 Jan 27 j 03:56	0°♒	
evening rise	-1487 Jan 30 j 23:02	7°♒26'49	
asc. node	-1487 Feb 05 j 12:27	18°♒03'58	
	-1487 Feb 12 j 22:35	0°♓	
evening max el	-1487 Feb 16 j 10:07	3°♓59'03	18°52'25
retrograde	-1487 Feb 24 j 16:48	7°♓58'49	
evening set	-1487 Feb 27 j 00:36	7°♓41'09	
inferior conj	-1487 Mar 06 j 22:04	3°♓22'22	2°50'04
minimum elong	-1487 Mar 07 j 02:36	3°♓14'09	2°48'58
min. Earth dist.	-1487 Mar 10 j 03:58	1°♓02'23	0.57376 AU
	-1487 Mar 11 j 17:42	30°℞♒	
morning rise	-1487 Mar 15 j 00:31	28°♒14'37	
desc. node	-1487 Mar 18 j 04:57	27°♒15'44	
direct	-1487 Mar 20 j 10:52	27°♒03'24	
	-1487 Mar 29 j 04:58	0°♓	
morning max el	-1487 Apr 03 j 18:14	4°♓30'20	25°55'18
	-1487 Apr 22 j 04:14	0°♈	
morning set	-1487 May 01 j 16:12	18°♈27'28	
asc. node	-1487 May 04 j 11:48	24°♈27'57	
	-1487 May 07 j 00:51	0°♉	
superior conj	-1487 May 08 j 17:10	3°♉40'36	0°43'15
minimum elong	-1487 May 08 j 15:23	3°♉30'51	0°42'55
max. Earth dist.	-1487 May 09 j 08:50	5°♉06'16	1.32627 AU
evening rise	-1487 May 15 j 19:26	18°♉53'22	
	-1487 May 21 j 09:30	0°♊	
	-1487 Jun 09 j 10:37	0°♋	
desc. node	-1487 Jun 14 j 04:11	5°♋22'29	
evening max el	-1487 Jun 15 j 20:31	7°♋02'40	27°03'58
retrograde	-1487 Jun 29 j 19:02	14°♋21'40	
evening set	-1487 Jul 06 j 18:42	12°♋09'06	
min. Earth dist.	-1487 Jul 10 j 10:25	9°♋25'58	0.61285 AU
inferior conj	-1487 Jul 13 j 15:13	6°♋37'31	-4°-23'-11
minimum elong	-1487 Jul 13 j 18:17	6°♋30'44	4°22'48
morning rise	-1487 Jul 20 j 20:48	1°♋44'39	
direct	-1487 Jul 23 j 07:49	1°♋19'48	
morning max el	-1487 Jul 30 j 08:19	4°♋48'46	18°00'51
asc. node	-1487 Jul 31 j 11:02	5°♋57'57	
morning set	-1487 Aug 15 j 06:28	29°♋53'56	
	-1487 Aug 15 j 07:47	0°♌	
superior conj	-1487 Aug 25 j 13:58	18°♌34'07	1°30'07
minimum elong	-1487 Aug 25 j 18:17	18°♌53'03	1°29'46
	-1487 Sep 01 j 06:10	0°♍	
max. Earth dist.	-1487 Sep 02 j 02:34	1°♍24'56	1.42088 AU
evening rise	-1487 Sep 08 j 08:21	11°♍33'05	
desc. node	-1487 Sep 10 j 03:32	14°♍23'44	
	-1487 Sep 20 j 09:14	0°♎	
greatest brilliancy	-1487 Oct 06 j 04:47	21°♎46'34	-0.3m
evening max el	-1487 Oct 10 j 22:23	27°♎06'48	22°13'54
	-1487 Oct 14 j 02:40	0°♏	
retrograde	-1487 Oct 20 j 09:29	2°♏44'31	
evening set	-1487 Oct 24 j 20:01	0°♏58'51	
	-1487 Oct 25 j 22:10	30°℞♎	
asc. node	-1487 Oct 27 j 10:11	28°♎20'30	
inferior conj	-1487 Oct 30 j 05:09	24°♎38'50	0°57'04
minimum elong	-1487 Oct 30 j 03:51	24°♎43'19	0°56'30
min. Earth dist.	-1487 Oct 30 j 05:17	24°♎38'21	0.67541 AU
morning rise	-1487 Nov 04 j 11:31	18°♎23'42	
direct	-1487 Nov 09 j 02:48	16°♎29'40	
morning max el	-1487 Nov 18 j 17:24	22°♎11'55	22°29'16
greatest brilliancy	-1487 Nov 23 j 09:06	27°♎25'34	-0.3m
	-1487 Nov 25 j 10:40	0°♏	
desc. node	-1487 Dec 07 j 02:51	16°♏10'18	
	-1487 Dec 16 j 05:53	0°♐	
morning set	-1487 Dec 22 j 07:14	9°♐39'42	
max. Earth dist.	-1487 Dec 27 j 13:57	18°♐25'54	1.40580 AU
	-1486 Jan 03 j 05:36	0°♑	
superior conj	-1486 Jan 04 j 09:07	2°♑03'17	-1°-59'-12
minimum elong	-1486 Jan 04 j 09:44	2°♑06'01	1°59'14
evening rise	-1486 Jan 14 j 10:39	20°♑43'05	
	-1486 Jan 19 j 10:23	0°♒	
asc. node	-1486 Jan 23 j 09:28	6°♒53'39	
evening max el	-1486 Jan 30 j 15:46	16°♒40'15	18°20'16
retrograde	-1486 Feb 06 j 21:31	20°♒15'29	
evening set	-1486 Feb 09 j 09:30	19°♒50'55	
inferior conj	-1486 Feb 16 j 14:23	15°♒11'19	3°37'52
minimum elong	-1486 Feb 16 j 17:08	15°♒05'30	3°37'29
min. Earth dist.	-1486 Feb 20 j 00:14	12°♒19'59	0.59349 AU
morning rise	-1486 Feb 23 j 21:15	9°♒38'54	
direct	-1486 Mar 02 j 06:56	7°♒49'10	
desc. node	-1486 Mar 05 j 02:01	8°♒09'24	
morning max el	-1486 Mar 16 j 13:54	15°♒30'24	27°04'55
	-1486 Mar 28 j 08:33	0°♓	
	-1486 Apr 14 j 11:12	0°♈	
morning set	-1486 Apr 16 j 01:51	3°♈19'09	
asc. node	-1486 Apr 21 j 08:50	14°♈38'47	
superior conj	-1486 Apr 23 j 04:55	18°♈40'09	0°19'19
minimum elong	-1486 Apr 23 j 04:04	18°♈35'27	0°19'08
max. Earth dist.	-1486 Apr 22 j 21:45	18°♈00'53	1.32421 AU
	-1486 Apr 28 j 09:49	0°♉	
evening rise	-1486 Apr 30 j 04:14	3°♉45'02	
	-1486 May 14 j 07:00	0°♊	
evening max el	-1486 May 28 j 20:09	18°♊45'13	26°10'37
desc. node	-1486 Jun 01 j 01:12	21°♊32'20	
retrograde	-1486 Jun 11 j 21:45	26°♊00'17	
evening set	-1486 Jun 18 j 04:08	24°♊23'29	
min. Earth dist.	-1486 Jun 22 j 09:05	21°♊44'26	0.59230 AU
inferior conj	-1486 Jun 25 j 17:30	19°♊11'06	-4°-35'-35
minimum elong	-1486 Jun 25 j 17:30	19°♊11'06	4°35'35
morning rise	-1486 Jul 03 j 10:28	14°♊40'36	
direct	-1486 Jul 05 j 21:50	14°♊19'29	
morning max el	-1486 Jul 13 j 17:14	18°♊03'32	18°26'56
asc. node	-1486 Jul 18 j 08:05	23°♊34'29	
	-1486 Jul 22 j 09:59	0°♋	
morning set	-1486 Jul 29 j 19:12	13°♋36'56	
	-1486 Aug 07 j 09:56	0°♌	
superior conj	-1486 Aug 07 j 22:26	0°♌57'58	1°44'25
minimum elong	-1486 Aug 08 j 00:27	1°♌07'15	1°44'22
max. Earth dist.	-1486 Aug 15 j 07:32	14°♌11'24	1.40189 AU
evening rise	-1486 Aug 19 j 19:02	21°♌47'38	
	-1486 Aug 24 j 20:04	0°♍	
desc. node	-1486 Aug 28 j 00:32	5°♍00'18	
	-1486 Sep 14 j 10:48	0°♎	
evening max el	-1486 Sep 23 j 12:25	10°♎36'36	23°34'04
retrograde	-1486 Oct 04 j 02:14	16°♎51'15	
evening set	-1486 Oct 09 j 02:38	14°♎46'55	
inferior conj	-1486 Oct 14 j 11:58	8°♎24'17	0°04'05
minimum elong	-1486 Oct 14 j 11:52	8°♎24'37	0°04'02
transit middle	-1486 Oct 14 j 11:52	8°♎24'37	0°04'02
transit begin	-1486 Oct 14 j 09:14	8°♎33'36	

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transit end	-1486 Oct 14 j 14:29	8°♎15'38		
min. Earth dist.	-1486 Oct 14 j 01:50	8°♎58'54	0.67526 AU	
asc. node	-1486 Oct 14 j 07:14	8°♎40'29		
morning rise	-1486 Oct 19 j 21:10	2°♎12'59		
direct	-1486 Oct 23 j 22:29	0°♎40'44		
morning max el	-1486 Nov 01 j 09:58	5°♎38'53	21°07'51	
greatest brilliancy	-1486 Nov 06 j 21:22	12°♎00'35	-0.5m	
	-1486 Nov 19 j 16:51	0°♏		
desc. node	-1486 Nov 23 j 23:51	6°♏26'04		
morning set	-1486 Dec 01 j 15:55	18°♏15'01		
	-1486 Dec 09 j 00:33	0°♐		
max. Earth dist.	-1486 Dec 09 j 17:01	1°♐07'10	1.42503 AU	
superior conj	-1486 Dec 16 j 20:06	13°♐00'48	-1°-54'-41	
minimum elong	-1486 Dec 16 j 16:37	12°♐45'59	1°54'34	
	-1486 Dec 26 j 12:37	0°♑		
evening rise	-1486 Dec 28 j 08:36	3°♑17'33		
asc. node	-1485 Jan 10 j 06:30	25°♑05'54		
evening max el	-1485 Jan 14 j 02:21	29°♑42'53	18°07'58	
	-1485 Jan 14 j 09:23	0°♒		
retrograde	-1485 Jan 20 j 18:22	3°♒08'53		
evening set	-1485 Jan 23 j 10:11	2°♒36'11		
	-1485 Jan 27 j 10:35	30°℞♑		
inferior conj	-1485 Jan 30 j 01:32	27°♑34'39	3°54'50	
minimum elong	-1485 Jan 30 j 01:49	27°♑33'56	3°54'48	
min. Earth dist.	-1485 Feb 02 j 03:13	24°♑36'55	0.61420 AU	
morning rise	-1485 Feb 05 j 14:57	21°♑45'44		
direct	-1485 Feb 12 j 13:18	19°♑22'07		
desc. node	-1485 Feb 19 j 23:03	21°♑45'09		
morning max el	-1485 Feb 26 j 15:44	27°♑09'35	27°41'17	
	-1485 Mar 01 j 08:53	0°♒		
	-1485 Mar 21 j 22:42	0°♓		
morning set	-1485 Mar 31 j 07:33	17°♓56'32		
	-1485 Apr 06 j 00:26	0°♈		
max. Earth dist.	-1485 Apr 06 j 09:22	0°♈48'26	1.32577 AU	
superior conj	-1485 Apr 07 j 15:46	3°♈33'51	0°-6'-11	
minimum elong	-1485 Apr 07 j 16:03	3°♈35'24	0°06'08	
behind sun begin	-1485 Apr 07 j 11:21	3°♈09'42		
behind sun end	-1485 Apr 07 j 20:46	4°♈01'06		
asc. node	-1485 Apr 08 j 05:51	4°♈50'39		
evening rise	-1485 Apr 14 j 15:26	18°♈40'59		
	-1485 Apr 20 j 05:37	0°♉		
evening max el	-1485 May 10 j 13:40	29°♉46'46	24°50'57	
	-1485 May 10 j 19:13	0°♊		
desc. node	-1485 May 18 j 22:14	5°♊39'19		
retrograde	-1485 May 24 j 13:28	6°♊52'16		
evening set	-1485 May 29 j 14:52	5°♊54'01		
min. Earth dist.	-1485 Jun 04 j 01:27	3°♊02'17	0.57292 AU	
inferior conj	-1485 Jun 07 j 00:23	1°♊05'07	-4°-16'-54	
minimum elong	-1485 Jun 06 j 20:08	1°♊12'12	4°16'20	
	-1485 Jun 08 j 16:14	30°℞♉		
morning rise	-1485 Jun 15 j 05:17	26°♉55'28		
direct	-1485 Jun 17 j 18:16	26°♉36'57		
	-1485 Jun 25 j 20:23	0°♊		
morning max el	-1485 Jun 26 j 18:25	0°♊48'51	19°13'40	
asc. node	-1485 Jul 05 j 05:07	11°♊58'32		
morning set	-1485 Jul 13 j 17:26	27°♊49'27		
	-1485 Jul 14 j 19:42	0°♋		
superior conj	-1485 Jul 22 j 00:46	14°♋16'11	1°48'00	
minimum elong	-1485 Jul 22 j 00:36	14°♋15'25	1°48'01	
max. Earth dist.	-1485 Jul 28 j 10:18	26°♋19'53	1.38199 AU	
	-1485 Jul 30 j 11:02	0°♌		
evening rise	-1485 Aug 01 j 07:07	3°♌14'57		
desc. node	-1485 Aug 14 j 21:33	25°♌25'41		
	-1485 Aug 17 j 23:09	0°♍		

evening max el	-1485 Sep 06 j 00:03	24°♍09'47	24°52'38	
	-1485 Sep 13 j 18:13	0°♎		
retrograde	-1485 Sep 17 j 14:55	0°♎55'14		
	-1485 Sep 21 j 04:12	30°℞♍		
evening set	-1485 Sep 23 j 06:18	28°♍32'46		
min. Earth dist.	-1485 Sep 27 j 20:35	23°♍19'44	0.67200 AU	
inferior conj	-1485 Sep 28 j 17:16	22°♍11'17	0°-50'-36	
minimum elong	-1485 Sep 28 j 18:31	22°♍07'12	0°50'05	
asc. node	-1485 Oct 01 j 04:17	19°♍04'11		
morning rise	-1485 Oct 04 j 07:08	16°♍06'52		
direct	-1485 Oct 07 j 20:16	14°♍54'15		
morning max el	-1485 Oct 15 j 10:02	19°♍15'43	19°57'39	
greatest brilliancy	-1485 Oct 22 j 20:46	28°♍27'27	-0.6m	
	-1485 Oct 23 j 23:14	0°♎		
morning set	-1485 Nov 10 j 12:51	26°♎24'15		
desc. node	-1485 Nov 10 j 20:52	26°♎55'16		
	-1485 Nov 12 j 20:30	0°♏		
max. Earth dist.	-1485 Nov 22 j 04:01	14°♏39'09	1.43974 AU	
superior conj	-1485 Nov 27 j 04:05	22°♏42'25	-1°-33'-24	
minimum elong	-1485 Nov 26 j 20:42	22°♏12'27	1°32'46	
	-1485 Dec 01 j 14:43	0°♐		
evening rise	-1485 Dec 10 j 12:32	15°♐01'34		
	-1485 Dec 19 j 08:26	0°♑		
asc. node	-1485 Dec 28 j 03:32	12°♑29'02		
evening max el	-1485 Dec 28 j 14:50	12°♑58'24	18°14'53	
retrograde	-1484 Jan 04 j 02:58	16°♑28'14		
evening set	-1484 Jan 06 j 22:46	15°♑46'30		
inferior conj	-1484 Jan 13 j 03:40	10°♑24'14	3°49'09	
minimum elong	-1484 Jan 13 j 02:03	10°♑28'38	3°48'59	
min. Earth dist.	-1484 Jan 15 j 15:24	7°♑41'32	0.63316 AU	
morning rise	-1484 Jan 19 j 03:40	4°♑24'10		
direct	-1484 Jan 26 j 03:48	1°♑39'27		
desc. node	-1484 Feb 06 j 20:05	7°♑28'43		
morning max el	-1484 Feb 08 j 22:45	9°♑28'00	27°40'59	
	-1484 Feb 24 j 23:43	0°♒		
	-1484 Mar 13 j 04:29	0°♓		
morning set	-1484 Mar 14 j 07:00	2°♓11'40		
max. Earth dist.	-1484 Mar 19 j 15:45	13°♓15'25	1.33111 AU	
superior conj	-1484 Mar 22 j 00:01	18°♓15'36	0°-32'-21	
minimum elong	-1484 Mar 22 j 01:32	18°♓23'44	0°32'04	
asc. node	-1484 Mar 25 j 02:54	24°♓59'27		
	-1484 Mar 27 j 10:48	0°♈		
evening rise	-1484 Mar 29 j 03:11	3°♈34'24		
	-1484 Apr 12 j 15:21	0°♉		
evening max el	-1484 Apr 21 j 04:44	10°♉25'18	23°17'26	
retrograde	-1484 May 04 j 16:46	17°♉08'23		
desc. node	-1484 May 04 j 19:15	17°♉08'22		
evening set	-1484 May 08 j 08:32	16°♉39'05		
min. Earth dist.	-1484 May 15 j 14:53	13°♉21'34	0.55802 AU	
inferior conj	-1484 May 17 j 11:31	12°♉15'56	-3°-16'-28	
minimum elong	-1484 May 17 j 04:44	12°♉25'56	3°14'44	
morning rise	-1484 May 26 j 04:13	8°♉20'04		
direct	-1484 May 28 j 19:49	8°♉02'58		
morning max el	-1484 Jun 08 j 09:36	12°♉56'53	20°21'07	
	-1484 Jun 20 j 13:16	0°♊		
asc. node	-1484 Jun 21 j 02:11	0°♊59'04		
morning set	-1484 Jun 26 j 22:17	12°♊23'57		
superior conj	-1484 Jul 04 j 15:59	28°♊14'59	1°43'12	
minimum elong	-1484 Jul 04 j 14:20	28°♊06'39	1°43'07	
	-1484 Jul 05 j 12:49	0°♋		
max. Earth dist.	-1484 Jul 09 j 16:10	8°♋09'26	1.36357 AU	
evening rise	-1484 Jul 13 j 17:28	15°♋48'07		
	-1484 Jul 21 j 19:52	0°♌		
desc. node	-1484 Jul 31 j 18:36	15°♌34'18		

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1484 Aug 11 j 11:16	0°♍	
evening max el	-1484 Aug 18 j 11:19	7°♍44'51	26°01'58
retrograde	-1484 Aug 30 j 23:04	14°♍51'52	
evening set	-1484 Sep 06 j 05:08	12°♍14'29	
min. Earth dist.	-1484 Sep 10 j 11:09	7°♍38'41	0.66543 AU
inferior conj	-1484 Sep 11 j 19:18	5°♍57'51	-1°-45'-23
minimum elong	-1484 Sep 11 j 21:53	5°♍49'44	1°44'21
asc. node	-1484 Sep 17 j 01:20	0°♍26'24	
morning rise	-1484 Sep 17 j 15:28	0°♍03'24	
	-1484 Sep 17 j 17:47	30°℞♌	
direct	-1484 Sep 20 j 18:34	29°♌07'08	
	-1484 Sep 23 j 22:01	0°♍	
morning max el	-1484 Sep 27 j 17:18	3°♍01'34	19°01'49
	-1484 Oct 16 j 13:37	0°♎	
morning set	-1484 Oct 19 j 22:29	5°♎17'47	
desc. node	-1484 Oct 27 j 17:56	17°♎33'55	
max. Earth dist.	-1484 Nov 03 j 20:28	28°♎44'04	1.44807 AU
	-1484 Nov 04 j 15:43	0°♏	
superior conj	-1484 Nov 05 j 12:09	1°♏20'36	0°-54'-45
minimum elong	-1484 Nov 05 j 05:29	0°♏54'18	0°53'57
evening rise	-1484 Nov 20 j 18:21	25°♏48'17	
	-1484 Nov 23 j 08:04	0°♐	
evening max el	-1484 Dec 11 j 02:37	26°♐21'19	18°40'08
asc. node	-1484 Dec 14 j 00:35	28°♐49'37	
	-1484 Dec 16 j 18:49	0°♑	
retrograde	-1484 Dec 17 j 19:03	0°♑05'42	
	-1484 Dec 18 j 19:07	30°℞♐	
evening set	-1484 Dec 20 j 19:52	29°♐13'40	
inferior conj	-1484 Dec 26 j 17:01	23°♐33'11	3°27'28
minimum elong	-1484 Dec 26 j 14:21	23°♐41'10	3°26'57
min. Earth dist.	-1484 Dec 28 j 13:35	21°♐19'30	0.64892 AU
morning rise	-1483 Jan 01 j 07:41	17°♐25'20	
direct	-1483 Jan 08 j 01:20	14°♐34'21	
morning max el	-1483 Jan 21 j 08:22	22°♐16'40	27°06'38
desc. node	-1483 Jan 23 j 17:08	24°♐45'24	
	-1483 Jan 28 j 04:18	0°♑	
	-1483 Feb 17 j 04:40	0°♒	
morning set	-1483 Feb 25 j 21:09	15°♒54'34	
max. Earth dist.	-1483 Mar 02 j 12:57	25°♒09'59	1.34066 AU
	-1483 Mar 04 j 21:16	0°♓	
superior conj	-1483 Mar 06 j 03:39	2°♓38'46	0°-58'-8
minimum elong	-1483 Mar 06 j 06:19	2°♓52'42	0°57'41
asc. node	-1483 Mar 11 j 23:57	15°♓00'38	
evening rise	-1483 Mar 13 j 13:40	18°♓18'29	
	-1483 Mar 19 j 10:04	0°♈	
evening max el	-1483 Apr 03 j 00:08	21°♈09'36	21°44'35
retrograde	-1483 Apr 15 j 09:27	27°♈11'14	
evening set	-1483 Apr 17 j 23:42	26°♈56'07	
desc. node	-1483 Apr 21 j 16:17	25°♈47'37	
inferior conj	-1483 Apr 27 j 08:37	22°♈53'02	-1°-35'-21
minimum elong	-1483 Apr 27 j 04:14	22°♈59'11	1°33'52
min. Earth dist.	-1483 Apr 27 j 04:09	22°♈59'18	0.55081 AU
morning rise	-1483 May 06 j 09:42	18°♈55'10	
direct	-1483 May 09 j 08:10	18°♈36'09	
morning max el	-1483 May 21 j 13:53	24°♈22'40	21°47'00
	-1483 May 26 j 15:30	0°♉	
asc. node	-1483 Jun 07 j 23:15	20°♉26'19	
morning set	-1483 Jun 11 j 07:22	27°♉12'49	
	-1483 Jun 12 j 15:27	0°♊	
superior conj	-1483 Jun 18 j 16:07	12°♊41'38	1°31'59
minimum elong	-1483 Jun 18 j 13:42	12°♊29'02	1°31'45
max. Earth dist.	-1483 Jun 22 j 05:59	20°♊04'22	1.34829 AU
evening rise	-1483 Jun 26 j 20:55	29°♊12'49	
	-1483 Jun 27 j 06:45	0°♋	

	-1483 Jul 14 j 23:18	0°♌	
desc. node	-1483 Jul 18 j 15:38	5°♌17'43	
evening max el	-1483 Jul 31 j 22:53	21°♌14'56	26°54'21
retrograde	-1483 Aug 14 j 02:10	28°♌33'27	
evening set	-1483 Aug 20 j 20:49	25°♌48'00	
min. Earth dist.	-1483 Aug 24 j 19:14	21°♌50'12	0.65525 AU
inferior conj	-1483 Aug 26 j 15:59	19°♌39'48	-2°-38'-18
minimum elong	-1483 Aug 26 j 19:43	19°♌28'53	2°37'00
morning rise	-1483 Sep 01 j 19:57	13°♌58'24	
asc. node	-1483 Sep 03 j 22:24	13°♌17'38	
direct	-1483 Sep 04 j 15:24	13°♌14'51	
morning max el	-1483 Sep 11 j 05:47	16°♌51'27	18°22'02
	-1483 Sep 20 j 20:58	0°♍	
morning set	-1483 Sep 30 j 10:56	15°♍31'11	
	-1483 Oct 09 j 09:46	0°♎	
desc. node	-1483 Oct 14 j 15:00	8°♎17'59	
superior conj	-1483 Oct 15 j 12:30	9°♎43'01	0°-5'-49
minimum elong	-1483 Oct 15 j 11:44	9°♎40'00	0°05'45
behind sun begin	-1483 Oct 15 j 01:11	8°♎58'15	
behind sun end	-1483 Oct 15 j 22:18	10°♎21'42	
max. Earth dist.	-1483 Oct 17 j 14:46	13°♎01'11	1.44910 AU
	-1483 Oct 28 j 10:32	0°♏	
evening rise	-1483 Nov 01 j 00:00	5°♏34'52	
greatest brilliancy	-1483 Nov 15 j 03:52	27°♏31'36	-0.7m
	-1483 Nov 16 j 20:13	0°♐	
evening max el	-1483 Nov 24 j 11:23	9°♐48'02	19°22'31
asc. node	-1483 Nov 30 j 21:37	13°♐52'49	
retrograde	-1483 Dec 01 j 15:12	13°♐55'51	
evening set	-1483 Dec 04 j 22:45	12°♐51'42	
inferior conj	-1483 Dec 10 j 14:18	6°♐55'58	2°54'30
minimum elong	-1483 Dec 10 j 11:23	7°♐05'25	2°53'40
min. Earth dist.	-1483 Dec 11 j 20:38	5°♐18'23	0.66092 AU
morning rise	-1483 Dec 15 j 23:11	0°♐43'05	
	-1483 Dec 16 j 19:59	30°℞♏	
direct	-1483 Dec 22 j 05:11	27°♏58'48	
	-1483 Dec 28 j 06:13	0°♐	
morning max el	-1482 Jan 03 j 17:53	5°♐22'39	26°05'15
desc. node	-1482 Jan 10 j 14:12	13°♐08'21	
	-1482 Jan 22 j 17:45	0°♑	
morning set	-1482 Feb 08 j 21:56	28°♑53'02	
	-1482 Feb 09 j 12:19	0°♒	
max. Earth dist.	-1482 Feb 12 j 22:14	6°♒29'50	1.35473 AU
superior conj	-1482 Feb 18 j 00:19	16°♒36'24	-1°-22'-4
minimum elong	-1482 Feb 18 j 03:46	16°♒53'54	1°21'36
	-1482 Feb 24 j 12:25	0°♓	
evening rise	-1482 Feb 25 j 20:58	2°♓47'17	
asc. node	-1482 Feb 26 j 21:00	4°♓49'46	
	-1482 Mar 13 j 22:43	0°♈	
evening max el	-1482 Mar 16 j 05:19	2°♈23'54	20°23'31
retrograde	-1482 Mar 26 j 23:21	7°♈32'29	
evening set	-1482 Mar 29 j 03:56	7°♈20'33	
inferior conj	-1482 Apr 07 j 04:35	3°♈22'46	0°23'05
minimum elong	-1482 Apr 07 j 05:37	3°♈21'14	0°22'44
desc. node	-1482 Apr 08 j 13:19	2°♈34'43	
min. Earth dist.	-1482 Apr 08 j 18:17	2°♈27'29	0.55310 AU
	-1482 Apr 13 j 12:14	30°℞♓	
morning rise	-1482 Apr 16 j 05:06	29°♓04'06	
direct	-1482 Apr 19 j 20:54	28°♓34'56	
	-1482 Apr 26 j 00:41	0°♈	
morning max el	-1482 May 03 j 09:02	5°♈11'59	23°24'59
	-1482 May 20 j 16:37	0°♉	
asc. node	-1482 May 25 j 20:20	10°♉13'16	
morning set	-1482 May 26 j 18:49	12°♉10'23	
superior conj	-1482 Jun 02 j 22:13	27°♉27'00	1°15'52

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1482 Jun 02 j 19:40	27°♉13'21	1°15'31
	-1482 Jun 04 j 02:52	0°♊	
max. Earth dist.	-1482 Jun 05 j 05:33	2°♊21'27	1.33685 AU
evening rise	-1482 Jun 10 j 12:52	13°♊15'54	
	-1482 Jun 19 j 11:40	0°♋	
desc. node	-1482 Jul 05 j 12:38	24°♋25'20	
	-1482 Jul 10 j 02:52	0°♌	
evening max el	-1482 Jul 14 j 10:06	4°♌30'30	27°22'23
retrograde	-1482 Jul 27 j 23:38	11°♌51'51	
evening set	-1482 Aug 04 j 02:27	9°♌08'51	
min. Earth dist.	-1482 Aug 07 j 18:48	5°♌46'44	0.64139 AU
inferior conj	-1482 Aug 10 j 04:55	3°♌12'35	-3°-26'-40
minimum elong	-1482 Aug 10 j 09:17	3°♌00'57	3°25'29
	-1482 Aug 13 j 10:39	30°℞♋	
morning rise	-1482 Aug 16 j 18:00	27°♋47'24	
direct	-1482 Aug 19 j 08:19	27°♋13'09	
asc. node	-1482 Aug 21 j 19:30	27°♋44'14	
	-1482 Aug 25 j 04:06	0°♌	
morning max el	-1482 Aug 25 j 20:52	0°♌40'06	17°59'21
morning set	-1482 Sep 12 j 02:32	27°♌03'01	
	-1482 Sep 13 j 20:00	0°♍	
superior conj	-1482 Sep 25 j 03:06	18°♍50'22	0°40'51
minimum elong	-1482 Sep 25 j 07:25	19°♍07'54	0°40'16
max. Earth dist.	-1482 Sep 30 j 08:04	27°♍13'02	1.44294 AU
desc. node	-1482 Oct 01 j 12:01	29°♍04'05	
	-1482 Oct 02 j 02:08	0°♎	
evening rise	-1482 Oct 11 j 10:29	14°♎35'15	
	-1482 Oct 21 j 13:08	0°♏	
greatest brilliancy	-1482 Nov 01 j 04:20	15°♏23'54	-0.6m
evening max el	-1482 Nov 07 j 15:18	23°♏15'32	20°20'04
retrograde	-1482 Nov 15 j 12:38	27°♏54'07	
asc. node	-1482 Nov 17 j 18:40	27°♏25'00	
evening set	-1482 Nov 19 j 05:03	26°♏35'28	
inferior conj	-1482 Nov 24 j 16:52	20°♏27'44	2°13'20
minimum elong	-1482 Nov 24 j 14:15	20°♏36'33	2°12'24
min. Earth dist.	-1482 Nov 25 j 10:27	19°♏28'28	0.66926 AU
morning rise	-1482 Nov 29 j 22:54	14°♏12'11	
direct	-1482 Dec 05 j 14:23	11°♏44'00	
morning max el	-1482 Dec 17 j 02:17	18°♏34'58	24°46'04
	-1482 Dec 26 j 18:04	0°♐	
desc. node	-1482 Dec 28 j 11:15	2°♐17'26	
	-1481 Jan 15 j 19:49	0°♑	
morning set	-1481 Jan 22 j 03:46	10°♑50'14	
max. Earth dist.	-1481 Jan 25 j 21:02	17°♑32'06	1.37301 AU
superior conj	-1481 Feb 01 j 10:46	29°♑58'39	-1°-42'-13
minimum elong	-1481 Feb 01 j 14:14	0°♒15'36	1°41'54
	-1481 Feb 01 j 11:02	0°♒	
evening rise	-1481 Feb 09 j 22:47	16°♒53'15	
asc. node	-1481 Feb 13 j 18:01	24°♒20'49	
	-1481 Feb 16 j 19:09	0°♓	
evening max el	-1481 Feb 26 j 21:27	14°♓14'59	19°20'00
retrograde	-1481 Mar 07 j 23:10	18°♓35'26	
evening set	-1481 Mar 10 j 04:58	18°♓20'43	
inferior conj	-1481 Mar 18 j 12:53	14°♓12'22	2°06'02
minimum elong	-1481 Mar 18 j 17:16	14°♓05'05	2°04'45
min. Earth dist.	-1481 Mar 21 j 09:12	12°♓19'51	0.56433 AU
desc. node	-1481 Mar 26 j 10:22	9°♓37'17	
morning rise	-1481 Mar 27 j 01:43	9°♓22'45	
direct	-1481 Mar 31 j 20:17	8°♓30'30	
morning max el	-1481 Apr 14 j 23:46	15°♓43'18	25°03'52
	-1481 Apr 26 j 10:33	0°♈	
morning set	-1481 May 11 j 06:53	27°♈10'31	
asc. node	-1481 May 12 j 17:23	0°♉13'21	
	-1481 May 12 j 14:53	0°♉	

superior conj	-1481 May 18 j 07:58	12°♉22'58	0°56'00
minimum elong	-1481 May 18 j 05:47	12°♉11'07	0°55'38
max. Earth dist.	-1481 May 19 j 13:10	15°♉01'37	1.32915 AU
evening rise	-1481 May 25 j 13:33	27°♉45'21	
	-1481 May 26 j 16:03	0°♊	
	-1481 Jun 12 j 18:43	0°♋	
desc. node	-1481 Jun 22 j 09:38	12°♋42'16	
evening max el	-1481 Jun 26 j 18:51	17°♋18'51	27°20'12
retrograde	-1481 Jul 10 j 14:35	24°♋38'19	
evening set	-1481 Jul 17 j 18:21	22°♋10'54	
min. Earth dist.	-1481 Jul 21 j 08:21	19°♋17'10	0.62407 AU
inferior conj	-1481 Jul 24 j 07:11	16°♋29'46	-4°-6'-29
minimum elong	-1481 Jul 24 j 11:11	16°♋20'17	4°05'46
morning rise	-1481 Jul 31 j 06:28	11°♋24'04	
direct	-1481 Aug 02 j 18:08	10°♋56'18	
asc. node	-1481 Aug 08 j 16:35	13°♋36'54	
morning max el	-1481 Aug 09 j 11:53	14°♋21'49	17°54'51
	-1481 Aug 20 j 05:56	0°♌	
morning set	-1481 Aug 25 j 16:00	9°♌37'56	
superior conj	-1481 Sep 05 j 20:15	29°♌16'56	1°16'05
minimum elong	-1481 Sep 06 j 01:26	29°♌38'59	1°15'33
	-1481 Sep 06 j 06:23	0°♍	
max. Earth dist.	-1481 Sep 12 j 22:03	11°♍04'08	1.43040 AU
desc. node	-1481 Sep 18 j 09:01	19°♍49'19	
evening rise	-1481 Sep 20 j 17:11	23°♍29'47	
	-1481 Sep 24 j 22:12	0°♎	
	-1481 Oct 15 j 19:05	0°♏	
greatest brilliancy	-1481 Oct 16 j 12:57	0°♏56'37	-0.4m
evening max el	-1481 Oct 21 j 13:22	6°♏43'14	21°29'50
retrograde	-1481 Oct 30 j 09:26	11°♏58'06	
evening set	-1481 Nov 03 j 12:51	10°♏22'41	
asc. node	-1481 Nov 04 j 15:43	9°♏23'47	
inferior conj	-1481 Nov 08 j 22:32	4°♏06'12	1°26'13
minimum elong	-1481 Nov 08 j 20:39	4°♏12'39	1°25'26
min. Earth dist.	-1481 Nov 09 j 04:43	3°♏44'50	0.67413 AU
	-1481 Nov 12 j 01:38	30°℞♎	
morning rise	-1481 Nov 14 j 04:10	27°♎50'25	
direct	-1481 Nov 19 j 04:13	25°♎43'27	
	-1481 Nov 27 j 12:45	0°♏	
morning max el	-1481 Nov 29 j 11:23	1°♏51'22	23°19'11
greatest brilliancy	-1481 Dec 04 j 18:19	7°♏48'35	-0.2m
desc. node	-1481 Dec 15 j 08:18	21°♏59'31	
	-1481 Dec 20 j 19:16	0°♐	
morning set	-1480 Jan 03 j 08:26	21°♐30'15	
max. Earth dist.	-1480 Jan 07 j 16:24	28°♐54'15	1.39382 AU
	-1480 Jan 08 j 07:29	0°♑	
superior conj	-1480 Jan 15 j 06:55	12°♑34'54	-1°-55'-47
minimum elong	-1480 Jan 15 j 09:06	12°♑45'01	1°55'43
	-1480 Jan 24 j 10:17	0°♒	
evening rise	-1480 Jan 24 j 16:30	0°♒29'58	
asc. node	-1480 Jan 31 j 15:01	13°♒27'44	
evening max el	-1480 Feb 09 j 22:54	26°♒39'50	18°36'13
	-1480 Feb 15 j 00:48	0°♓	
retrograde	-1480 Feb 17 j 17:21	0°♓27'03	
evening set	-1480 Feb 20 j 03:07	0°♓06'30	
	-1480 Feb 20 j 11:51	30°℞♒	
inferior conj	-1480 Feb 27 j 17:09	25°♒38'50	3°14'36
minimum elong	-1480 Feb 27 j 21:09	25°♒31'06	3°13'48
min. Earth dist.	-1480 Mar 02 j 02:28	23°♒02'58	0.58190 AU
morning rise	-1480 Mar 06 j 11:20	20°♒19'48	
direct	-1480 Mar 12 j 08:45	18°♒52'39	
desc. node	-1480 Mar 12 j 07:25	18°♒52'39	
morning max el	-1480 Mar 26 j 16:23	26°♒25'54	26°28'27
	-1480 Mar 30 j 01:38	0°♓	
	-1480 Apr 18 j 16:35	0°♈	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning set	-1480 Apr 24 j 17:56	12°♈07'18	
asc. node	-1480 Apr 28 j 14:24	20°♈21'33	
superior conj	-1480 May 01 j 19:28	27°♈22'56	0°33'20
minimum elong	-1480 May 01 j 18:03	27°♈15'08	0°33'03
max. Earth dist.	-1480 May 02 j 01:24	27°♈55'26	1.32503 AU
	-1480 May 03 j 00:08	0°♉	
evening rise	-1480 May 08 j 20:05	12°♉31'21	
	-1480 May 17 j 19:47	0°♊	
evening max el	-1480 Jun 07 j 22:15	29°♊27'01	26°44'59
desc. node	-1480 Jun 08 j 06:39	29°♊46'51	
	-1480 Jun 08 j 12:19	0°♋	
retrograde	-1480 Jun 21 j 21:57	6°♋43'53	
evening set	-1480 Jun 28 j 16:05	4°♋45'25	
min. Earth dist.	-1480 Jul 02 j 11:42	2°♋06'26	0.60420 AU
	-1480 Jul 05 j 01:06	30°℞♊	
inferior conj	-1480 Jul 05 j 19:16	29°♊22'01	-4°-31'-29
minimum elong	-1480 Jul 05 j 21:16	29°♊17'51	4°31'20
morning rise	-1480 Jul 13 j 05:37	24°♊38'34	
direct	-1480 Jul 15 j 16:45	24°♊15'20	
morning max el	-1480 Jul 22 j 23:53	27°♊48'55	18°09'30
	-1480 Jul 25 j 00:32	0°♋	
asc. node	-1480 Jul 25 j 13:39	0°♋39'56	
morning set	-1480 Aug 07 j 21:36	22°♋59'38	
	-1480 Aug 11 j 15:22	0°♌	
superior conj	-1480 Aug 17 j 15:52	11°♌02'16	1°37'40
minimum elong	-1480 Aug 17 j 19:15	11°♌17'26	1°37'27
max. Earth dist.	-1480 Aug 25 j 06:31	24°♌17'30	1.41309 AU
	-1480 Aug 28 j 16:47	0°♍	
evening rise	-1480 Aug 30 j 14:15	3°♍05'22	
desc. node	-1480 Sep 04 j 06:01	10°♍30'00	
	-1480 Sep 17 j 07:20	0°♎	
greatest brilliancy	-1480 Sep 28 j 06:40	14°♎37'24	-0.3m
evening max el	-1480 Oct 03 j 05:45	20°♎10'56	22°47'42
retrograde	-1480 Oct 13 j 04:00	26°♎04'35	
evening set	-1480 Oct 17 j 20:22	24°♎10'44	
asc. node	-1480 Oct 21 j 12:47	20°♎07'16	
inferior conj	-1480 Oct 23 j 05:24	17°♎49'08	0°34'53
minimum elong	-1480 Oct 23 j 04:36	17°♎51'56	0°34'32
min. Earth dist.	-1480 Oct 23 j 01:05	18°♎04'03	0.67575 AU
morning rise	-1480 Oct 28 j 12:46	11°♎35'32	
direct	-1480 Nov 01 j 21:54	9°♎51'07	
morning max el	-1480 Nov 11 j 00:27	15°♎13'40	21°53'37
greatest brilliancy	-1480 Nov 15 j 20:09	20°♎41'45	-0.4m
	-1480 Nov 22 j 20:48	0°♏	
desc. node	-1480 Dec 01 j 05:20	12°♏04'47	
	-1480 Dec 12 j 20:28	0°♐	
morning set	-1480 Dec 13 j 08:00	0°♐46'02	
max. Earth dist.	-1480 Dec 19 j 15:34	11°♐04'13	1.41438 AU
superior conj	-1480 Dec 27 j 07:33	24°♐11'40	-1°-59'-6
minimum elong	-1480 Dec 27 j 06:36	24°♐07'29	1°59'08
	-1480 Dec 30 j 13:52	0°♑	
evening rise	-1479 Jan 06 j 22:47	13°♑29'32	
	-1479 Jan 16 j 05:07	0°♒	
asc. node	-1479 Jan 17 j 12:02	2°♒02'46	
evening max el	-1479 Jan 23 j 06:56	9°♒30'48	18°12'36
retrograde	-1479 Jan 30 j 05:41	13°♒00'48	
evening set	-1479 Feb 01 j 19:15	12°♒32'56	
inferior conj	-1479 Feb 08 j 17:56	7°♒43'42	3°48'21
minimum elong	-1479 Feb 08 j 19:37	7°♒39'53	3°48'11
min. Earth dist.	-1479 Feb 12 j 01:14	4°♒46'46	0.60230 AU
morning rise	-1479 Feb 15 j 16:55	2°♒03'10	
	-1479 Feb 21 j 13:32	30°℞♑	
direct	-1479 Feb 22 j 09:07	29°♑58'10	
	-1479 Feb 23 j 04:50	0°♒	
desc. node	-1479 Feb 27 j 04:28	0°♒58'22	
morning max el	-1479 Mar 08 j 14:53	7°♒42'51	27°24'56
	-1479 Mar 25 j 12:33	0°♓	
morning set	-1479 Apr 09 j 02:14	26°♓54'40	
	-1479 Apr 10 j 13:43	0°♈	
asc. node	-1479 Apr 15 j 11:25	10°♈33'42	
max. Earth dist.	-1479 Apr 15 j 14:24	10°♈50'04	1.32442 AU
superior conj	-1479 Apr 16 j 07:04	12°♈21'16	0°08'39
minimum elong	-1479 Apr 16 j 06:41	12°♈19'07	0°08'34
behind sun begin	-1479 Apr 16 j 02:26	11°♈55'51	
behind sun end	-1479 Apr 16 j 10:56	12°♈42'24	
evening rise	-1479 Apr 23 j 06:11	27°♈26'13	
	-1479 Apr 24 j 11:36	0°♉	
	-1479 May 11 j 14:58	0°♊	
evening max el	-1479 May 20 j 18:54	10°♊50'49	25°39'14
desc. node	-1479 May 26 j 03:40	15°♊09'41	
retrograde	-1479 Jun 03 j 20:24	18°♊03'26	
evening set	-1479 Jun 09 j 15:54	16°♊43'03	
min. Earth dist.	-1479 Jun 14 j 07:04	14°♊00'44	0.58374 AU
inferior conj	-1479 Jun 17 j 13:37	11°♊40'04	-4°-32'-13
minimum elong	-1479 Jun 17 j 11:51	11°♊43'16	4°32'06
morning rise	-1479 Jun 25 j 11:41	7°♊19'19	
direct	-1479 Jun 27 j 23:39	6°♊59'27	
morning max el	-1479 Jul 06 j 05:59	10°♊53'15	18°44'18
asc. node	-1479 Jul 12 j 10:42	18°♊38'37	
	-1479 Jul 19 j 00:03	0°♋	
morning set	-1479 Jul 22 j 14:48	6°♋56'35	
superior conj	-1479 Jul 31 j 08:43	23°♋51'58	1°47'06
minimum elong	-1479 Jul 31 j 09:44	23°♋56'47	1°47'06
	-1479 Aug 03 j 15:45	0°♌	
max. Earth dist.	-1479 Aug 07 j 09:51	6°♌46'01	1.39338 AU
evening rise	-1479 Aug 11 j 11:51	13°♌50'59	
	-1479 Aug 21 j 10:51	0°♍	
desc. node	-1479 Aug 22 j 03:02	1°♍02'24	
	-1479 Sep 12 j 07:26	0°♎	
evening max el	-1479 Sep 15 j 18:18	3°♎41'21	24°08'00
retrograde	-1479 Sep 26 j 19:16	10°♎10'41	
evening set	-1479 Oct 02 j 01:58	7°♎58'15	
inferior conj	-1479 Oct 07 j 11:47	1°♎35'21	0°-19'-1
minimum elong	-1479 Oct 07 j 12:15	1°♎33'48	0°18'50
min. Earth dist.	-1479 Oct 06 j 21:10	2°♎24'48	0.67427 AU
asc. node	-1479 Oct 08 j 09:51	0°♎21'17	
	-1479 Oct 08 j 16:18	30°℞♍	
morning rise	-1479 Oct 12 j 22:47	25°♍26'39	
direct	-1479 Oct 16 j 18:33	24°♍03'20	
morning max el	-1479 Oct 24 j 20:13	28°♍45'06	20°36'21
	-1479 Oct 26 j 00:36	0°♎	
greatest brilliancy	-1479 Oct 31 j 00:29	6°♎05'38	-0.5m
	-1479 Nov 16 j 11:56	0°♏	
desc. node	-1479 Nov 18 j 02:22	2°♏26'41	
morning set	-1479 Nov 22 j 08:50	9°♏01'35	
max. Earth dist.	-1479 Dec 01 j 21:48	24°♏07'09	1.43191 AU
	-1479 Dec 05 j 12:26	0°♐	
superior conj	-1479 Dec 08 j 07:14	4°♐36'34	-1°-47'-51
minimum elong	-1479 Dec 08 j 01:51	4°♐14'05	1°47'33
evening rise	-1479 Dec 20 j 13:36	25°♐43'20	
	-1479 Dec 22 j 23:51	0°♑	
asc. node	-1478 Jan 04 j 09:05	19°♑55'39	
evening max el	-1478 Jan 06 j 18:37	22°♑39'23	18°08'39
retrograde	-1478 Jan 13 j 08:05	26°♑05'52	
evening set	-1478 Jan 16 j 01:23	25°♑29'37	
inferior conj	-1478 Jan 22 j 11:57	20°♑19'14	3°54'45
minimum elong	-1478 Jan 22 j 11:20	20°♑20'49	3°54'43
min. Earth dist.	-1478 Jan 25 j 08:11	17°♑25'18	0.62249 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1478 Jan 28 j 19:06	14°♑24'48	
direct	-1478 Feb 04 j 19:19	11°♑50'09	
desc. node	-1478 Feb 14 j 01:32	15°♑32'43	
morning max el	-1478 Feb 18 j 19:19	19°♑39'53	27°45'41
	-1478 Feb 27 j 15:49	0°♒	
	-1478 Mar 18 j 09:20	0°♓	
morning set	-1478 Mar 24 j 05:37	11°♓24'01	
max. Earth dist.	-1478 Mar 30 j 00:10	23°♓30'10	1.32748 AU
superior conj	-1478 Mar 31 j 17:02	27°♓10'53	0°-17'-14
minimum elong	-1478 Mar 31 j 17:50	27°♓15'15	0°17'06
asc. node	-1478 Apr 02 j 08:26	0°♈44'54	
	-1478 Apr 02 j 00:10	0°♈	
evening rise	-1478 Apr 07 j 17:49	12°♈21'49	
	-1478 Apr 16 j 18:01	0°♉	
evening max el	-1478 May 02 j 10:35	21°♉39'27	24°12'02
desc. node	-1478 May 13 j 00:42	28°♉13'33	
retrograde	-1478 May 16 j 07:30	28°♉38'14	
evening set	-1478 May 20 j 18:09	27°♉54'08	
min. Earth dist.	-1478 May 26 j 22:04	24°♉52'35	0.56581 AU
inferior conj	-1478 May 29 j 11:53	23°♉15'44	-3°-56'-46
minimum elong	-1478 May 29 j 06:06	23°♉24'51	3°55'42
morning rise	-1478 Jun 06 j 21:57	19°♉13'16	
direct	-1478 Jun 09 j 11:33	18°♉55'43	
morning max el	-1478 Jun 19 j 03:14	23°♉24'11	19°39'51
	-1478 Jun 24 j 17:15	0°♊	
asc. node	-1478 Jun 29 j 07:45	7°♊19'24	
morning set	-1478 Jul 06 j 16:10	21°♊19'06	
	-1478 Jul 10 j 23:18	0°♋	
superior conj	-1478 Jul 14 j 17:05	7°♋29'07	1°46'51
minimum elong	-1478 Jul 14 j 16:12	7°♋24'45	1°46'50
max. Earth dist.	-1478 Jul 20 j 12:42	18°♋41'14	1.37386 AU
evening rise	-1478 Jul 24 j 10:01	25°♋48'04	
	-1478 Jul 26 j 19:05	0°♌	
desc. node	-1478 Aug 09 j 00:04	21°♌21'25	
	-1478 Aug 14 j 23:50	0°♍	
evening max el	-1478 Aug 29 j 05:33	17°♍15'49	25°23'44
retrograde	-1478 Sep 10 j 06:16	24°♍12'18	
evening set	-1478 Sep 16 j 03:52	21°♍43'04	
min. Earth dist.	-1478 Sep 20 j 14:35	16°♍45'23	0.66958 AU
inferior conj	-1478 Sep 21 j 15:59	15°♍22'59	-1°-13'-57
minimum elong	-1478 Sep 21 j 17:48	15°♍17'05	1°13'12
asc. node	-1478 Sep 25 j 06:56	11°♍04'32	
morning rise	-1478 Sep 27 j 08:19	9°♍22'10	
direct	-1478 Sep 30 j 16:49	8°♍16'59	
morning max el	-1478 Oct 07 j 23:30	12°♍26'13	19°31'56
greatest brilliancy	-1478 Oct 16 j 20:01	23°♍45'57	-0.7m
	-1478 Oct 21 j 01:09	0°♎	
morning set	-1478 Nov 01 j 08:23	17°♎22'03	
desc. node	-1478 Nov 04 j 23:25	23°♎00'32	
	-1478 Nov 09 j 10:43	0°♏	
max. Earth dist.	-1478 Nov 14 j 10:59	7°♏53'51	1.44411 AU
superior conj	-1478 Nov 18 j 04:04	13°♏48'31	-1°-18'-55
minimum elong	-1478 Nov 17 j 20:13	13°♏17'05	1°18'07
	-1478 Nov 28 j 02:50	0°♐	
evening rise	-1478 Dec 02 j 08:35	7°♐03'45	
	-1478 Dec 16 j 12:04	0°♑	
evening max el	-1478 Dec 21 j 07:10	5°♑59'12	18°23'32
asc. node	-1478 Dec 22 j 06:09	6°♑54'23	
retrograde	-1478 Dec 27 j 20:12	9°♑33'50	
evening set	-1478 Dec 30 j 17:58	8°♑47'58	
inferior conj	-1477 Jan 05 j 19:18	3°♑17'57	3°41'34
minimum elong	-1477 Jan 05 j 17:08	3°♑24'06	3°41'16
min. Earth dist.	-1477 Jan 08 j 00:41	0°♑46'05	0.64030 AU
	-1477 Jan 08 j 17:34	30°℞♐	
morning rise	-1477 Jan 11 j 14:51	27°♐14'21	
direct	-1477 Jan 18 j 13:14	24°♐24'49	
	-1477 Jan 29 j 19:23	0°♑	
desc. node	-1477 Jan 31 j 22:35	1°♑59'45	
morning max el	-1477 Feb 01 j 03:36	2°♑12'09	27°30'09
	-1477 Feb 21 j 21:29	0°♒	
morning set	-1477 Mar 08 j 01:30	25°♒26'42	
	-1477 Mar 10 j 08:08	0°♓	
max. Earth dist.	-1477 Mar 13 j 02:49	5°♓43'06	1.33460 AU
superior conj	-1477 Mar 15 j 23:36	11°♓45'46	0°-43'-24
minimum elong	-1477 Mar 16 j 01:37	11°♓56'32	0°43'02
asc. node	-1477 Mar 20 j 05:29	20°♓51'07	
evening rise	-1477 Mar 23 j 05:13	27°♓11'57	
	-1477 Mar 24 j 13:30	0°♈	
	-1477 Apr 11 j 21:39	0°♉	
evening max el	-1477 Apr 14 j 02:49	2°♉17'29	22°37'10
retrograde	-1477 Apr 27 j 05:28	8°♉44'31	
desc. node	-1477 Apr 29 j 21:44	8°♉28'45	
evening set	-1477 Apr 30 j 08:31	8°♉23'07	
min. Earth dist.	-1477 May 08 j 11:27	4°♉50'51	0.55390 AU
inferior conj	-1477 May 09 j 15:55	4°♉10'14	-2°-37'-43
minimum elong	-1477 May 09 j 09:30	4°♉19'24	2°35'49
morning rise	-1477 May 18 j 12:49	0°♉15'20	
	-1477 May 20 j 08:15	30°℞♈	
direct	-1477 May 21 j 06:32	29°♈57'57	
	-1477 May 22 j 04:38	0°♉	
morning max el	-1477 Jun 01 j 13:39	5°♉13'57	20°55'31
asc. node	-1477 Jun 16 j 04:48	26°♉32'13	
	-1477 Jun 17 j 23:38	0°♊	
morning set	-1477 Jun 20 j 23:03	6°♊00'17	
superior conj	-1477 Jun 28 j 12:27	21°♊40'36	1°39'07
minimum elong	-1477 Jun 28 j 10:23	21°♊30'02	1°38'58
	-1477 Jul 02 j 15:24	0°♋	
max. Earth dist.	-1477 Jul 02 j 21:33	0°♋30'22	1.35670 AU
evening rise	-1477 Jul 07 j 04:15	8°♋44'59	
	-1477 Jul 19 j 09:59	0°♌	
desc. node	-1477 Jul 26 j 21:05	11°♌20'15	
	-1477 Aug 10 j 20:42	0°♍	
evening max el	-1477 Aug 11 j 17:10	0°♍50'32	26°26'53
retrograde	-1477 Aug 24 j 12:15	8°♍03'08	
evening set	-1477 Aug 30 j 23:57	5°♍21'40	
min. Earth dist.	-1477 Sep 04 j 02:45	1°♍01'49	0.66153 AU
	-1477 Sep 04 j 23:06	30°℞♌	
inferior conj	-1477 Sep 05 j 16:01	29°♌08'15	-2°-8'-12
minimum elong	-1477 Sep 05 j 19:08	28°♌58'45	2°07'02
morning rise	-1477 Sep 11 j 15:18	23°♌18'42	
asc. node	-1477 Sep 12 j 04:00	23°♌02'24	
direct	-1477 Sep 14 j 14:54	22°♌28'09	
morning max el	-1477 Sep 21 j 09:10	26°♌13'53	18°42'47
	-1477 Sep 24 j 15:09	0°♍	
morning set	-1477 Oct 12 j 04:41	26°♍48'03	
	-1477 Oct 14 j 04:53	0°♎	
desc. node	-1477 Oct 22 j 20:28	13°♎41'51	
superior conj	-1477 Oct 28 j 06:08	22°♎12'20	0°-34'-31
minimum elong	-1477 Oct 28 j 01:38	21°♎54'35	0°33'57
max. Earth dist.	-1477 Oct 28 j 04:49	22°♎07'07	1.44947 AU
	-1477 Nov 02 j 04:55	0°♏	
evening rise	-1477 Nov 13 j 04:02	17°♏24'24	
	-1477 Nov 21 j 01:03	0°♐	
evening max el	-1477 Dec 04 j 18:00	19°♐24'25	18°56'12
asc. node	-1477 Dec 09 j 03:13	22°♐44'00	
retrograde	-1477 Dec 11 j 14:16	23°♐17'19	
evening set	-1477 Dec 14 j 17:50	22°♐20'14	
inferior conj	-1477 Dec 20 j 12:20	16°♐32'57	3°14'37

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1477 Dec 20 j 09:29	16°♐41'48	3°13'57
min. Earth dist.	-1477 Dec 22 j 02:39	14°♐34'17	0.65457 AU
morning rise	-1477 Dec 26 j 00:11	10°♐22'57	
direct	-1476 Jan 01 j 13:29	7°♐33'29	
morning max el	-1476 Jan 14 j 13:11	15°♐08'42	26°43'16
desc. node	-1476 Jan 18 j 19:39	19°♐47'08	
	-1476 Jan 26 j 18:52	0°♑	
	-1476 Feb 14 j 15:25	0°♒	
morning set	-1476 Feb 19 j 10:28	8°♒51'40	
max. Earth dist.	-1476 Feb 23 j 19:03	17°♒21'46	1.34613 AU
superior conj	-1476 Feb 28 j 00:34	25°♒58'45	-1°-8'-38
minimum elong	-1476 Feb 28 j 03:37	26°♒14'35	1°08'08
	-1476 Feb 29 j 22:54	0°♓	
asc. node	-1476 Mar 06 j 02:32	10°♓47'46	
evening rise	-1476 Mar 06 j 14:34	11°♓50'07	
	-1476 Mar 16 j 03:17	0°♈	
evening max el	-1476 Mar 26 j 01:57	13°♈12'16	21°08'11
retrograde	-1476 Apr 06 j 19:03	18°♈51'25	
evening set	-1476 Apr 09 j 03:40	18°♈38'30	
desc. node	-1476 Apr 15 j 18:45	16°♈07'59	
inferior conj	-1476 Apr 18 j 10:36	14°♈39'57	0°-45'-13
minimum elong	-1476 Apr 18 j 08:28	14°♈42'58	0°44'27
min. Earth dist.	-1476 Apr 19 j 00:41	14°♈20'04	0.55062 AU
morning rise	-1476 Apr 27 j 12:52	10°♈35'41	
direct	-1476 Apr 30 j 17:33	10°♈13'34	
morning max el	-1476 May 13 j 13:27	16°♈22'07	22°27'48
	-1476 May 24 j 05:45	0°♉	
asc. node	-1476 Jun 02 j 01:52	16°♉09'00	
morning set	-1476 Jun 04 j 09:23	20°♉54'12	
	-1476 Jun 08 j 16:35	0°♊	
superior conj	-1476 Jun 11 j 15:26	6°♊16'33	1°25'40
minimum elong	-1476 Jun 11 j 12:54	6°♊03'08	1°25'23
max. Earth dist.	-1476 Jun 14 j 15:57	12°♊35'59	1.34297 AU
evening rise	-1476 Jun 19 j 13:33	22°♊27'58	
	-1476 Jun 23 j 12:32	0°♋	
	-1476 Jul 12 j 03:17	0°♌	
desc. node	-1476 Jul 12 j 18:05	0°♌50'26	
evening max el	-1476 Jul 24 j 04:56	14°♌16'58	27°09'38
retrograde	-1476 Aug 06 j 12:46	21°♌36'37	
evening set	-1476 Aug 13 j 11:44	18°♌50'46	
min. Earth dist.	-1476 Aug 17 j 07:22	15°♌08'49	0.64987 AU
inferior conj	-1476 Aug 19 j 09:44	12°♌47'35	-2°-59'-32
minimum elong	-1476 Aug 19 j 13:50	12°♌36'04	2°58'15
morning rise	-1476 Aug 25 j 17:26	7°♌12'40	
direct	-1476 Aug 28 j 10:30	6°♌33'20	
asc. node	-1476 Aug 29 j 01:04	6°♌35'19	
morning max el	-1476 Sep 03 j 23:06	10°♌04'27	18°10'14
	-1476 Sep 17 j 15:18	0°♍	
morning set	-1476 Sep 22 j 05:13	7°♍37'12	
	-1476 Oct 05 j 22:17	0°♎	
superior conj	-1476 Oct 06 j 10:08	0°♎47'17	0°14'59
minimum elong	-1476 Oct 06 j 11:58	0°♎54'38	0°14'43
behind sun begin	-1476 Oct 06 j 07:19	0°♎36'07	
behind sun end	-1476 Oct 06 j 16:37	1°♎13'09	
desc. node	-1476 Oct 08 j 17:30	4°♎27'23	
max. Earth dist.	-1476 Oct 09 j 23:42	6°♎26'52	1.44741 AU
evening rise	-1476 Oct 23 j 00:25	26°♎48'57	
	-1476 Oct 25 j 01:43	0°♏	
greatest brilliancy	-1476 Nov 09 j 05:13	22°♏55'57	-0.6m
	-1476 Nov 14 j 12:07	0°♐	
evening max el	-1476 Nov 17 j 00:52	2°♐51'40	19°45'12
retrograde	-1476 Nov 24 j 11:18	7°♐11'39	
asc. node	-1476 Nov 25 j 00:16	7°♐09'59	
evening set	-1476 Nov 27 j 22:26	6°♐01'25	
inferior conj	-1476 Dec 03 j 12:10	29°♏59'56	2°37'52
minimum elong	-1476 Dec 03 j 09:18	0°♐09'21	2°36'57
	-1476 Dec 03 j 12:09	30°℞♏	
min. Earth dist.	-1476 Dec 04 j 12:46	28°♏38'57	0.66497 AU
morning rise	-1476 Dec 08 j 19:32	23°♏45'42	
direct	-1476 Dec 14 j 19:28	21°♏07'44	
morning max el	-1476 Dec 26 j 22:21	28°♏18'45	25°33'07
	-1476 Dec 28 j 13:16	0°♐	
desc. node	-1475 Jan 04 j 16:44	8°♐31'37	
	-1475 Jan 19 j 12:58	0°♑	
morning set	-1475 Feb 01 j 03:52	21°♑25'46	
max. Earth dist.	-1475 Feb 04 j 23:43	28°♑32'07	1.36212 AU
	-1475 Feb 05 j 18:12	0°♒	
superior conj	-1475 Feb 10 j 17:17	9°♒42'11	-1°-31'-15
minimum elong	-1475 Feb 10 j 20:52	10°♒00'05	1°30'49
evening rise	-1475 Feb 18 j 19:50	26°♒10'04	
asc. node	-1475 Feb 20 j 23:34	0°♓29'55	
	-1475 Feb 20 j 17:33	0°♓	
evening max el	-1475 Mar 08 j 11:40	24°♓41'10	19°54'03
retrograde	-1475 Mar 18 j 12:03	29°♓28'24	
evening set	-1475 Mar 20 j 16:18	29°♓15'49	
inferior conj	-1475 Mar 29 j 10:17	25°♓14'39	1°10'22
minimum elong	-1475 Mar 29 j 13:14	25°♓10'08	1°09'23
min. Earth dist.	-1475 Mar 31 j 14:48	23°♓54'14	0.55683 AU
desc. node	-1475 Apr 02 j 15:48	22°♓43'37	
morning rise	-1475 Apr 07 j 07:07	20°♓43'31	
direct	-1475 Apr 11 j 09:21	20°♓06'31	
morning max el	-1475 Apr 25 j 06:02	27°♓00'37	24°08'04
	-1475 Apr 28 j 03:28	0°♈	
	-1475 May 17 j 00:36	0°♉	
morning set	-1475 May 19 j 21:18	5°♉53'51	
asc. node	-1475 May 19 j 22:54	6°♉02'16	
superior conj	-1475 May 26 j 23:19	21°♉07'25	1°07'51
minimum elong	-1475 May 26 j 20:53	20°♉54'14	1°07'28
max. Earth dist.	-1475 May 28 j 19:18	25°♉03'45	1.33303 AU
	-1475 May 31 j 03:13	0°♊	
evening rise	-1475 Jun 03 j 09:34	6°♊43'22	
	-1475 Jun 16 j 01:41	0°♋	
desc. node	-1475 Jun 29 j 15:05	19°♋38'59	
evening max el	-1475 Jul 06 j 15:10	27°♋21'58	27°25'20
	-1475 Jul 09 j 14:52	0°♌	
retrograde	-1475 Jul 20 j 07:32	4°♌43'09	
evening set	-1475 Jul 27 j 12:01	2°♌04'40	
	-1475 Jul 29 j 23:51	30°℞♋	
min. Earth dist.	-1475 Jul 31 j 02:34	28°♋56'16	0.63445 AU
inferior conj	-1475 Aug 02 j 18:29	26°♋14'36	-3°-44'-54
minimum elong	-1475 Aug 02 j 22:51	26°♋03'30	3°43'52
morning rise	-1475 Aug 09 j 11:50	20°♋57'40	
direct	-1475 Aug 12 j 00:44	20°♋26'30	
asc. node	-1475 Aug 15 j 22:07	21°♋40'26	
morning max el	-1475 Aug 18 j 14:34	23°♋51'32	17°55'12
	-1475 Aug 23 j 12:34	0°♌	
morning set	-1475 Sep 04 j 06:49	19°♌37'53	
	-1475 Sep 10 j 06:30	0°♍	
superior conj	-1475 Sep 16 j 11:26	10°♍27'09	0°57'26
minimum elong	-1475 Sep 16 j 16:35	10°♍48'31	0°56'49
max. Earth dist.	-1475 Sep 22 j 15:48	20°♍31'45	1.43831 AU
desc. node	-1475 Sep 25 j 14:30	25°♍13'36	
	-1475 Sep 28 j 15:16	0°♎	
evening rise	-1475 Oct 02 j 06:55	5°♎40'42	
	-1475 Oct 18 j 11:46	0°♏	
greatest brilliancy	-1475 Oct 25 j 08:37	9°♏30'51	-0.5m
evening max el	-1475 Oct 31 j 02:14	16°♏18'58	20°48'24
retrograde	-1475 Nov 08 j 08:50	21°♏13'01	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1475 Nov 11 j 21:18	20°♏02'15	
evening set	-1475 Nov 12 j 05:37	19°♏47'29	
inferior conj	-1475 Nov 17 j 16:19	13°♏35'18	1°53'58
minimum elong	-1475 Nov 17 j 13:58	13°♏43'19	1°53'03
min. Earth dist.	-1475 Nov 18 j 04:52	12°♏52'26	0.67170 AU
morning rise	-1475 Nov 22 j 21:53	7°♏19'11	
direct	-1475 Nov 28 j 06:41	4°♏59'48	
morning max el	-1475 Dec 09 j 06:56	11°♏33'58	24°09'28
desc. node	-1475 Dec 22 j 13:48	27°♏56'29	
	-1475 Dec 24 j 01:03	0°♐	
	-1474 Jan 12 j 07:29	0°♑	
morning set	-1474 Jan 13 j 23:51	2°♑53'00	
max. Earth dist.	-1474 Jan 17 j 20:08	9°♑38'57	1.38165 AU
superior conj	-1474 Jan 24 j 22:13	22°♑46'41	-1°-48'-58
minimum elong	-1474 Jan 25 j 01:21	23°♑01'38	1°48'46
	-1474 Jan 28 j 15:46	0°♒	
evening rise	-1474 Feb 02 j 18:36	10°♒05'10	
asc. node	-1474 Feb 07 j 20:36	19°♒52'10	
	-1474 Feb 13 j 20:09	0°♓	
evening max el	-1474 Feb 19 j 08:04	6°♓47'58	18°58'55
retrograde	-1474 Feb 27 j 19:24	10°♓52'35	
evening set	-1474 Mar 02 j 02:36	10°♓35'48	
inferior conj	-1474 Mar 10 j 02:46	6°♓20'01	2°39'41
minimum elong	-1474 Mar 10 j 07:23	6°♓11'51	2°38'29
min. Earth dist.	-1474 Mar 13 j 06:49	4°♓06'29	0.57116 AU
morning rise	-1474 Mar 18 j 08:03	1°♓16'39	
desc. node	-1474 Mar 20 j 12:51	0°♓33'15	
direct	-1474 Mar 23 j 14:23	0°♓10'37	
morning max el	-1474 Apr 06 j 21:07	7°♓34'37	25°42'33
	-1474 Apr 23 j 11:29	0°♈	
morning set	-1474 May 04 j 09:08	20°♈53'29	
asc. node	-1474 May 06 j 19:57	26°♈06'40	
	-1474 May 08 j 15:00	0°♉	
superior conj	-1474 May 11 j 10:03	6°♉06'15	0°46'42
minimum elong	-1474 May 11 j 08:09	5°♉55'53	0°46'21
max. Earth dist.	-1474 May 12 j 05:05	7°♉50'11	1.32689 AU
evening rise	-1474 May 18 j 13:02	21°♉20'58	
	-1474 May 22 j 20:41	0°♊	
	-1474 Jun 10 j 05:54	0°♋	
desc. node	-1474 Jun 16 j 12:04	7°♋28'18	
evening max el	-1474 Jun 18 j 21:44	9°♋53'48	27°09'15
retrograde	-1474 Jul 02 j 19:45	17°♋13'09	
evening set	-1474 Jul 09 j 20:46	14°♋56'20	
min. Earth dist.	-1474 Jul 13 j 11:42	12°♋10'55	0.61580 AU
inferior conj	-1474 Jul 16 j 15:07	9°♋22'07	-4°-19'-26
minimum elong	-1474 Jul 16 j 18:30	9°♋14'31	4°18'58
morning rise	-1474 Jul 23 j 19:03	4°♋25'49	
direct	-1474 Jul 26 j 06:07	4°♋00'20	
morning max el	-1474 Aug 02 j 04:41	7°♋28'15	17°58'40
asc. node	-1474 Aug 02 j 19:11	8°♋04'51	
	-1474 Aug 16 j 18:00	0°♌	
morning set	-1474 Aug 18 j 03:45	2°♌34'11	
superior conj	-1474 Aug 28 j 16:19	21°♌28'41	1°26'51
minimum elong	-1474 Aug 28 j 20:55	21°♌48'42	1°26'27
	-1474 Sep 02 j 15:50	0°♍	
max. Earth dist.	-1474 Sep 05 j 02:57	4°♍06'11	1.42346 AU
evening rise	-1474 Sep 11 j 17:43	14°♍47'18	
desc. node	-1474 Sep 12 j 11:29	15°♍57'24	
	-1474 Sep 21 j 15:16	0°♎	
greatest brilliancy	-1474 Oct 09 j 03:34	24°♎23'22	-0.4m
evening max el	-1474 Oct 13 j 21:43	29°♎46'28	22°02'20
	-1474 Oct 14 j 03:04	0°♏	
retrograde	-1474 Oct 23 j 04:53	5°♏18'16	
evening set	-1474 Oct 27 j 13:29	3°♏35'23	
asc. node	-1474 Oct 29 j 18:21	1°♏25'19	
	-1474 Oct 30 j 22:14	30°℞♎	
inferior conj	-1474 Nov 01 j 22:43	27°♎16'14	1°04'51
minimum elong	-1474 Nov 01 j 21:16	27°♎21'16	1°04'14
min. Earth dist.	-1474 Nov 02 j 00:26	27°♎10'18	0.67517 AU
morning rise	-1474 Nov 07 j 04:50	21°♎00'47	
direct	-1474 Nov 11 j 22:23	19°♎03'17	
morning max el	-1474 Nov 21 j 17:12	24°♎52'15	22°42'03
	-1474 Nov 26 j 07:11	0°♏	
greatest brilliancy	-1474 Nov 26 j 09:35	0°♏07'18	-0.3m
desc. node	-1474 Dec 09 j 10:49	17°♏49'27	
	-1474 Dec 17 j 13:10	0°♐	
morning set	-1474 Dec 25 j 16:14	12°♐57'01	
max. Earth dist.	-1474 Dec 30 j 15:49	21°♐17'04	1.40273 AU
	-1473 Jan 04 j 16:01	0°♑	
superior conj	-1473 Jan 07 j 10:45	4°♑59'27	-1°-58'-42
minimum elong	-1473 Jan 07 j 11:50	5°♑04'23	1°58'43
evening rise	-1473 Jan 17 j 07:52	23°♑26'53	
	-1473 Jan 20 j 19:25	0°♒	
asc. node	-1473 Jan 25 j 17:38	8°♒46'50	
evening max el	-1473 Feb 02 j 12:47	19°♒25'33	18°23'48
retrograde	-1473 Feb 09 j 21:22	23°♒03'13	
evening set	-1473 Feb 12 j 08:51	22°♒39'42	
inferior conj	-1473 Feb 19 j 16:01	18°♒03'19	3°32'44
minimum elong	-1473 Feb 19 j 19:08	17°♒56'53	3°32'16
min. Earth dist.	-1473 Feb 23 j 02:12	15°♒15'13	0.59047 AU
morning rise	-1473 Feb 27 j 01:48	12°♒34'09	
direct	-1473 Mar 05 j 08:42	10°♒50'11	
desc. node	-1473 Mar 07 j 09:56	11°♒01'01	
morning max el	-1473 Mar 19 j 15:50	18°♒29'29	26°56'24
	-1473 Mar 29 j 07:53	0°♓	
	-1473 Apr 15 j 23:26	0°♈	
morning set	-1473 Apr 18 j 19:12	5°♈46'40	
asc. node	-1473 Apr 23 j 16:59	16°♈17'00	
superior conj	-1473 Apr 25 j 21:48	21°♈06'09	0°23'04
minimum elong	-1473 Apr 25 j 20:47	21°♈00'36	0°22'51
max. Earth dist.	-1473 Apr 25 j 17:57	20°♈45'02	1.32434 AU
	-1473 Apr 29 j 23:36	0°♉	
evening rise	-1473 May 02 j 21:21	6°♉11'35	
	-1473 May 15 j 12:12	0°♊	
evening max el	-1473 May 31 j 22:29	21°♊43'25	26°20'28
desc. node	-1473 Jun 03 j 09:06	23°♊53'41	
retrograde	-1473 Jun 14 j 23:40	28°♊58'50	
evening set	-1473 Jun 21 j 09:29	27°♊16'21	
min. Earth dist.	-1473 Jun 25 j 11:35	24°♊37'49	0.59535 AU
inferior conj	-1473 Jun 28 j 20:05	22°♊01'05	-4°-35'-32
minimum elong	-1473 Jun 28 j 20:39	21°♊59'56	4°35'30
morning rise	-1473 Jul 06 j 11:17	17°♊27'08	
direct	-1473 Jul 08 j 22:34	17°♊05'29	
morning max el	-1473 Jul 16 j 14:29	20°♊46'31	18°21'47
asc. node	-1473 Jul 20 j 16:14	25°♊33'10	
	-1473 Jul 23 j 15:25	0°♋	
morning set	-1473 Aug 01 j 14:50	16°♋12'27	
	-1473 Aug 08 j 21:23	0°♌	
superior conj	-1473 Aug 10 j 21:40	3°♌43'21	1°43'01
minimum elong	-1473 Aug 11 j 00:02	3°♌54'13	1°42'55
max. Earth dist.	-1473 Aug 18 j 08:56	17°♌00'33	1.40484 AU
evening rise	-1473 Aug 23 j 00:46	24°♌51'47	
	-1473 Aug 26 j 04:25	0°♍	
desc. node	-1473 Aug 30 j 08:29	6°♍35'27	
	-1473 Sep 15 j 11:04	0°♎	
evening max el	-1473 Sep 26 j 12:23	13°♎16'20	23°22'02
retrograde	-1473 Oct 06 j 22:07	19°♎25'27	
evening set	-1473 Oct 11 j 20:25	17°♎23'51	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1473 Oct 16 j 15:24	11°♎50'11	
inferior conj	-1473 Oct 17 j 05:38	11°♎01'27	0°12'16
minimum elong	-1473 Oct 17 j 05:20	11°♎02'28	0°12'09
transit middle	-1473 Oct 17 j 05:20	11°♎02'28	0°12'09
transit begin	-1473 Oct 17 j 03:32	11°♎08'40	
transit end	-1473 Oct 17 j 07:09	10°♎56'16	
min. Earth dist.	-1473 Oct 16 j 21:01	11°♎30'58	0.67552 AU
morning rise	-1473 Oct 22 j 14:18	4°♎49'32	
direct	-1473 Oct 26 j 17:38	3°♎14'06	
morning max el	-1473 Nov 04 j 08:46	8°♎18'09	21°19'23
greatest brilliancy	-1473 Nov 09 j 15:12	14°♎22'45	-0.4m
	-1473 Nov 20 j 21:55	0°♏	
desc. node	-1473 Nov 26 j 07:52	8°♏02'57	
morning set	-1473 Dec 05 j 04:24	21°♏41'37	
	-1473 Dec 10 j 09:18	0°♐	
max. Earth dist.	-1473 Dec 12 j 17:55	3°♐50'45	1.42244 AU
superior conj	-1473 Dec 20 j 01:26	16°♐07'40	-1°-56'-22
minimum elong	-1473 Dec 19 j 22:38	15°♐55'40	1°56'19
	-1473 Dec 27 j 22:35	0°♑	
evening rise	-1473 Dec 31 j 08:06	6°♑08'08	
asc. node	-1472 Jan 12 j 14:41	27°♑05'23	
	-1472 Jan 14 j 18:45	0°♒	
evening max el	-1472 Jan 16 j 22:48	2°♒25'21	18°08'32
retrograde	-1472 Jan 23 j 16:11	5°♒51'54	
evening set	-1472 Jan 26 j 07:28	5°♒20'26	
inferior conj	-1472 Feb 02 j 00:35	0°♒21'56	3°53'51
minimum elong	-1472 Feb 02 j 01:14	0°♒20'23	3°53'49
	-1472 Feb 02 j 09:45	30°℞♑	
min. Earth dist.	-1472 Feb 05 j 03:54	27°♑23'48	0.61119 AU
morning rise	-1472 Feb 08 j 16:23	24°♑35'03	
direct	-1472 Feb 15 j 13:30	22°♑15'59	
desc. node	-1472 Feb 22 j 07:00	24°♑14'08	
morning max el	-1472 Feb 29 j 16:48	0°♒02'33	27°38'13
	-1472 Feb 29 j 15:46	0°♒	
	-1472 Mar 22 j 07:05	0°♓	
morning set	-1472 Apr 02 j 01:40	20°♓26'55	
	-1472 Apr 06 j 14:22	0°♈	
max. Earth dist.	-1472 Apr 08 j 06:07	3°♈35'16	1.32533 AU
superior conj	-1472 Apr 09 j 08:54	6°♈01'16	0°-2'-15
minimum elong	-1472 Apr 09 j 09:01	6°♈01'50	0°02'15
behind sun begin	-1472 Apr 09 j 03:59	5°♈34'24	
behind sun end	-1472 Apr 09 j 14:02	6°♈29'16	
asc. node	-1472 Apr 09 j 14:01	6°♈29'11	
evening rise	-1472 Apr 16 j 08:20	21°♈07'38	
	-1472 Apr 20 j 16:26	0°♉	
	-1472 May 09 j 22:47	0°♊	
evening max el	-1472 May 12 j 16:44	2°♊50'22	25°04'00
desc. node	-1472 May 20 j 06:08	8°♊22'03	
retrograde	-1472 May 26 j 17:06	9°♊57'55	
evening set	-1472 May 31 j 23:32	8°♊54'07	
min. Earth dist.	-1472 Jun 06 j 04:32	6°♊05'21	0.57560 AU
inferior conj	-1472 Jun 09 j 06:00	4°♊01'34	-4°-22'-16
minimum elong	-1472 Jun 09 j 02:22	4°♊07'45	4°21'52
	-1472 Jun 16 j 17:23	30°℞♉	
morning rise	-1472 Jun 17 j 09:06	29°♉49'17	
direct	-1472 Jun 19 j 21:53	29°♉30'23	
	-1472 Jun 22 j 23:42	0°♊	
morning max el	-1472 Jun 28 j 17:01	3°♊37'02	19°05'27
asc. node	-1472 Jul 06 j 13:18	13°♊50'56	
morning set	-1472 Jul 15 j 11:53	0°♋21'19	
	-1472 Jul 15 j 07:34	0°♋	
superior conj	-1472 Jul 23 j 21:43	16°♋54'44	1°48'03
minimum elong	-1472 Jul 23 j 21:51	16°♋55'22	1°48'04
max. Earth dist.	-1472 Jul 30 j 11:49	29°♋14'15	1.38489 AU
	-1472 Jul 30 j 21:57	0°♌	
evening rise	-1472 Aug 03 j 09:10	6°♌08'24	
desc. node	-1472 Aug 16 j 05:30	27°♌02'54	
	-1472 Aug 18 j 04:31	0°♍	
evening max el	-1472 Sep 08 j 00:11	26°♍48'52	24°41'16
	-1472 Sep 11 j 13:37	0°♎	
retrograde	-1472 Sep 19 j 11:29	3°♎30'22	
evening set	-1472 Sep 25 j 00:39	1°♎10'20	
	-1472 Sep 26 j 06:20	30°℞♍	
min. Earth dist.	-1472 Sep 29 j 16:10	25°♍52'04	0.67271 AU
inferior conj	-1472 Sep 30 j 11:17	24°♍48'25	0°-42'-16
minimum elong	-1472 Sep 30 j 12:19	24°♍44'58	0°41'50
asc. node	-1472 Oct 02 j 12:28	22°♍09'36	
morning rise	-1472 Oct 06 j 00:21	18°♍42'54	
direct	-1472 Oct 09 j 15:09	17°♍27'39	
morning max el	-1472 Oct 17 j 07:47	21°♍53'56	20°07'16
	-1472 Oct 24 j 00:03	0°♎	
greatest brilliancy	-1472 Oct 24 j 09:22	0°♎31'42	-0.6m
desc. node	-1472 Nov 12 j 04:54	28°♎30'36	
morning set	-1472 Nov 13 j 01:37	29°♎50'37	
	-1472 Nov 13 j 04:02	0°♏	
max. Earth dist.	-1472 Nov 24 j 03:56	17°♏16'38	1.43792 AU
superior conj	-1472 Nov 29 j 13:32	26°♏00'39	-1°-37'-48
minimum elong	-1472 Nov 29 j 06:34	25°♏32'09	1°37'15
	-1472 Dec 01 j 23:44	0°♐	
evening rise	-1472 Dec 12 j 15:03	18°♐00'33	
	-1472 Dec 19 j 14:43	0°♑	
asc. node	-1472 Dec 29 j 11:43	14°♑36'57	
evening max el	-1472 Dec 30 j 11:09	15°♑39'26	18°12'39
retrograde	-1471 Jan 05 j 23:23	19°♑08'10	
evening set	-1471 Jan 08 j 18:30	18°♑27'54	
inferior conj	-1471 Jan 15 j 00:46	13°♑08'34	3°51'10
minimum elong	-1471 Jan 14 j 23:23	13°♑12'16	3°51'02
min. Earth dist.	-1471 Jan 17 j 14:45	10°♑22'26	0.63047 AU
morning rise	-1471 Jan 21 j 02:29	7°♑09'44	
direct	-1471 Jan 28 j 02:50	4°♑27'15	
desc. node	-1471 Feb 08 j 04:05	9°♑41'10	
morning max el	-1471 Feb 10 j 23:22	12°♑16'28	27°43'24
	-1471 Feb 25 j 02:54	0°♒	
	-1471 Mar 14 j 16:16	0°♓	
morning set	-1471 Mar 17 j 02:17	4°♓46'42	
max. Earth dist.	-1471 Mar 22 j 13:39	16°♓07'07	1.33003 AU
superior conj	-1471 Mar 24 j 17:42	20°♓45'47	0°-28'-22
minimum elong	-1471 Mar 24 j 19:01	20°♓52'56	0°28'07
asc. node	-1471 Mar 27 j 11:04	26°♓39'08	
	-1471 Mar 29 j 00:16	0°♈	
evening rise	-1471 Mar 31 j 20:09	6°♈02'22	
	-1471 Apr 13 j 16:19	0°♉	
evening max el	-1471 Apr 24 j 07:43	13°♉30'57	23°31'39
desc. node	-1471 May 07 j 03:11	20°♉17'28	
retrograde	-1471 May 07 j 22:33	20°♉18'57	
evening set	-1471 May 11 j 19:05	19°♉46'14	
min. Earth dist.	-1471 May 18 j 18:15	16°♉33'15	0.55983 AU
inferior conj	-1471 May 20 j 19:57	15°♉19'05	-3°-28'-31
minimum elong	-1471 May 20 j 13:16	15°♉29'05	3°26'56
morning rise	-1471 May 29 j 11:00	11°♉22'04	
direct	-1471 Jun 01 j 01:58	11°♉04'58	
morning max el	-1471 Jun 11 j 09:53	15°♉51'45	20°09'47
	-1471 Jun 21 j 20:47	0°♊	
asc. node	-1471 Jun 23 j 10:22	2°♊46'48	
morning set	-1471 Jun 29 j 15:54	14°♊53'00	
superior conj	-1471 Jul 07 j 11:18	0°♋48'28	1°44'21
minimum elong	-1471 Jul 07 j 09:50	0°♋41'04	1°44'19
	-1471 Jul 07 j 01:41	0°♋	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

max. Earth dist.	-1471 Jul 12 j 16:38	11°♋04'08	1.36615 AU
evening rise	-1471 Jul 16 j 16:30	18°♋32'32	
	-1471 Jul 23 j 04:53	0°♌	
desc. node	-1471 Aug 03 j 02:31	17°♌14'16	
	-1471 Aug 12 j 08:39	0°♍	
evening max el	-1471 Aug 21 j 11:18	10°♍23'21	25°52'31
retrograde	-1471 Sep 02 j 20:25	17°♍28'14	
evening set	-1471 Sep 09 j 00:20	14°♍52'41	
min. Earth dist.	-1471 Sep 13 j 07:31	10°♍11'12	0.66661 AU
inferior conj	-1471 Sep 14 j 13:55	8°♍34'58	-1°-37'-10
minimum elong	-1471 Sep 14 j 16:18	8°♍27'23	1°36'12
asc. node	-1471 Sep 19 j 09:33	3°♍19'51	
morning rise	-1471 Sep 20 j 09:03	2°♍38'50	
direct	-1471 Sep 23 j 13:26	1°♍40'26	
morning max el	-1471 Sep 30 j 14:05	5°♍38'31	19°09'06
	-1471 Oct 17 j 20:35	0°♎	
morning set	-1471 Oct 23 j 07:58	8°♎33'36	
desc. node	-1471 Oct 30 j 01:55	19°♎07'55	
	-1471 Nov 05 j 23:59	0°♏	
max. Earth dist.	-1471 Nov 06 j 19:29	1°♏16'52	1.44724 AU
superior conj	-1471 Nov 09 j 00:28	4°♏46'09	-1°-1'-31
minimum elong	-1471 Nov 08 j 17:16	4°♏17'42	1°00'42
evening rise	-1471 Nov 24 j 00:22	28°♏56'08	
	-1471 Nov 24 j 15:56	0°♐	
evening max el	-1471 Dec 13 j 23:11	29°♐01'42	18°35'17
	-1471 Dec 14 j 23:18	0°♑	
asc. node	-1471 Dec 16 j 08:47	1°♑08'09	
retrograde	-1471 Dec 20 j 14:35	2°♑43'23	
evening set	-1471 Dec 23 j 14:31	1°♑53'05	
	-1471 Dec 26 j 02:25	30°℞♐	
inferior conj	-1471 Dec 29 j 12:39	26°♐15'16	3°31'36
minimum elong	-1471 Dec 29 j 10:07	26°♐22'49	3°31'07
min. Earth dist.	-1471 Dec 31 j 11:31	23°♐56'28	0.64677 AU
morning rise	-1470 Jan 04 j 04:28	20°♐08'20	
direct	-1470 Jan 10 j 23:32	17°♐17'11	
morning max el	-1470 Jan 24 j 08:45	25°♐01'34	27°13'42
desc. node	-1470 Jan 26 j 01:09	26°♐45'57	
	-1470 Jan 28 j 22:16	0°♑	
	-1470 Feb 18 j 13:15	0°♒	
morning set	-1470 Feb 28 j 18:02	18°♒35'19	
max. Earth dist.	-1470 Mar 05 j 12:17	28°♒06'26	1.33891 AU
	-1470 Mar 06 j 10:20	0°♓	
superior conj	-1470 Mar 08 j 22:09	5°♓12'18	0°-54'-19
minimum elong	-1470 Mar 09 j 00:39	5°♓25'28	0°53'52
asc. node	-1470 Mar 14 j 08:06	16°♓41'53	
evening rise	-1470 Mar 16 j 06:55	20°♓48'14	
	-1470 Mar 20 j 19:50	0°♈	
evening max el	-1470 Apr 06 j 02:05	24°♈12'54	21°57'56
	-1470 Apr 15 j 15:08	0°♉	
retrograde	-1470 Apr 18 j 16:32	0°♉21'44	
evening set	-1470 Apr 21 j 09:28	0°♉05'26	
	-1470 Apr 21 j 19:42	30°℞♈	
desc. node	-1470 Apr 24 j 00:15	29°♈21'03	
inferior conj	-1470 Apr 30 j 18:30	26°♈00'13	-1°-52'-40
minimum elong	-1470 Apr 30 j 13:26	26°♈07'21	1°50'58
min. Earth dist.	-1470 Apr 30 j 07:38	26°♈15'30	0.55132 AU
morning rise	-1470 May 09 j 18:43	22°♈03'39	
direct	-1470 May 12 j 15:34	21°♈45'18	
morning max el	-1470 May 24 j 15:46	27°♈24'00	21°33'07
	-1470 May 27 j 04:46	0°♉	
asc. node	-1470 Jun 10 j 07:25	22°♉10'32	
morning set	-1470 Jun 14 j 00:27	29°♉40'04	
	-1470 Jun 14 j 04:18	0°♊	
superior conj	-1470 Jun 21 j 10:17	15°♊11'36	1°34'01
minimum elong	-1470 Jun 21 j 07:57	14°♊59'25	1°33'49
max. Earth dist.	-1470 Jun 25 j 04:57	22°♊56'23	1.35037 AU
	-1470 Jun 28 j 18:42	0°♋	
evening rise	-1470 Jun 29 j 17:43	1°♋50'36	
	-1470 Jul 16 j 04:11	0°♌	
desc. node	-1470 Jul 20 j 23:32	7°♌02'06	
evening max el	-1470 Aug 03 j 22:53	23°♌55'00	26°47'59
	-1470 Aug 12 j 03:29	0°♍	
retrograde	-1470 Aug 17 j 00:20	1°♍12'30	
	-1470 Aug 21 j 11:55	30°℞♌	
evening set	-1470 Aug 23 j 17:15	28°♌27'50	
min. Earth dist.	-1470 Aug 27 j 16:47	24°♌24'16	0.65697 AU
inferior conj	-1470 Aug 29 j 11:32	22°♌18'04	-2°-30'-31
minimum elong	-1470 Aug 29 j 15:08	22°♌07'27	2°29'15
morning rise	-1470 Sep 04 j 14:15	16°♌34'24	
asc. node	-1470 Sep 06 j 06:36	15°♌56'49	
direct	-1470 Sep 07 j 10:39	15°♌49'12	
morning max el	-1470 Sep 14 j 01:53	19°♌28'02	18°26'50
	-1470 Sep 22 j 01:24	0°♍	
morning set	-1470 Oct 03 j 16:07	18°♍34'38	
	-1470 Oct 10 j 18:11	0°♎	
desc. node	-1470 Oct 16 j 22:56	9°♎51'20	
superior conj	-1470 Oct 19 j 00:31	13°♎07'03	0°-13'-22
minimum elong	-1470 Oct 18 j 22:44	13°♎00'04	0°13'09
behind sun begin	-1470 Oct 18 j 16:01	12°♎33'32	
behind sun end	-1470 Oct 19 j 05:28	13°♎26'36	
max. Earth dist.	-1470 Oct 20 j 13:33	15°♎32'54	1.44940 AU
	-1470 Oct 29 j 18:22	0°♏	
evening rise	-1470 Nov 04 j 09:29	8°♏51'18	
greatest brilliancy	-1470 Nov 17 j 06:09	28°♏56'43	-0.7m
	-1470 Nov 17 j 22:55	0°♐	
evening max el	-1470 Nov 27 j 08:34	12°♐28'23	19°15'13
asc. node	-1470 Dec 03 j 05:49	16°♐24'11	
retrograde	-1470 Dec 04 j 10:13	16°♐32'02	
evening set	-1470 Dec 07 j 16:40	15°♐29'48	
inferior conj	-1470 Dec 13 j 08:56	9°♐36'18	3°00'05
minimum elong	-1470 Dec 13 j 06:00	9°♐45'40	2°59'17
min. Earth dist.	-1470 Dec 14 j 17:19	7°♐53'03	0.65940 AU
morning rise	-1470 Dec 18 j 18:29	3°♐24'07	
direct	-1470 Dec 25 j 02:31	0°♐38'01	
morning max el	-1469 Jan 06 j 18:14	8°♐05'18	26°15'43
desc. node	-1469 Jan 12 j 22:12	15°♐00'20	
	-1469 Jan 23 j 22:23	0°♑	
	-1469 Feb 10 j 23:18	0°♒	
morning set	-1469 Feb 11 j 21:03	1°♒41'02	
max. Earth dist.	-1469 Feb 15 j 23:14	9°♒30'15	1.35238 AU
superior conj	-1469 Feb 20 j 20:00	19°♒14'10	-1°-18'-39
minimum elong	-1469 Feb 20 j 23:21	19°♒31'21	1°18'10
	-1469 Feb 26 j 00:59	0°♓	
evening rise	-1469 Feb 28 j 14:46	5°♓19'29	
asc. node	-1469 Mar 01 j 05:08	6°♓33'05	
	-1469 Mar 14 j 13:41	0°♈	
evening max el	-1469 Mar 19 j 05:37	5°♈21'39	20°34'32
retrograde	-1469 Mar 30 j 05:41	10°♈37'52	
evening set	-1469 Apr 01 j 10:55	10°♈25'54	
inferior conj	-1469 Apr 10 j 13:33	6°♈28'36	0°05'28
minimum elong	-1469 Apr 10 j 13:49	6°♈28'14	0°05'23
transit middle	-1469 Apr 10 j 13:49	6°♈28'14	0°05'23
transit begin	-1469 Apr 10 j 10:00	6°♈33'46	
transit end	-1469 Apr 10 j 17:38	6°♈22'42	
desc. node	-1469 Apr 10 j 21:17	6°♈17'23	
min. Earth dist.	-1469 Apr 11 j 21:31	5°♈42'21	0.55218 AU
morning rise	-1469 Apr 19 j 14:54	2°♈14'04	
direct	-1469 Apr 23 j 03:34	1°♈47'01	
morning max el	-1469 May 06 j 11:52	8°♈17'09	23°10'01

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1469 May 22 j 01:34	0°♉	
asc. node	-1469 May 28 j 04:27	11°♉54'44	
morning set	-1469 May 29 j 11:38	14°♉36'39	
superior conj	-1469 Jun 05 j 15:38	29°♉54'35	1°18'34
minimum elong	-1469 Jun 05 j 13:04	29°♉40'54	1°18'14
	-1469 Jun 05 j 16:39	0°♊	
max. Earth dist.	-1469 Jun 08 j 03:12	5°♊10'21	1.33833 AU
evening rise	-1469 Jun 13 j 08:03	15°♊48'50	
	-1469 Jun 20 j 21:01	0°♋	
desc. node	-1469 Jul 07 j 20:32	26°♋16'09	
	-1469 Jul 10 j 19:27	0°♌	
evening max el	-1469 Jul 17 j 10:23	7°♌14'07	27°20'03
retrograde	-1469 Jul 30 j 22:35	14°♌34'58	
evening set	-1469 Aug 07 j 00:34	11°♌50'57	
min. Earth dist.	-1469 Aug 10 j 17:44	8°♌23'47	0.64369 AU
inferior conj	-1469 Aug 13 j 01:47	5°♌52'49	-3°-19'-49
minimum elong	-1469 Aug 13 j 06:07	5°♌41'07	3°18'35
morning rise	-1469 Aug 19 j 13:26	0°♌24'53	
	-1469 Aug 20 j 18:07	30°℞♋	
direct	-1469 Aug 22 j 04:23	29°♋49'23	
	-1469 Aug 23 j 14:41	0°♌	
asc. node	-1469 Aug 24 j 03:40	0°♌09'30	
morning max el	-1469 Aug 28 j 16:43	3°♌17'11	18°01'34
morning set	-1469 Sep 15 j 03:59	29°♌55'53	
	-1469 Sep 15 j 04:57	0°♍	
superior conj	-1469 Sep 28 j 11:47	22°♍04'17	0°34'23
minimum elong	-1469 Sep 28 j 15:36	22°♍19'40	0°33'54
	-1469 Oct 03 j 10:34	0°♎	
max. Earth dist.	-1469 Oct 03 j 07:26	29°♍47'35	1.44432 AU
desc. node	-1469 Oct 03 j 19:56	0°♎37'10	
evening rise	-1469 Oct 14 j 22:05	17°♎56'37	
	-1469 Oct 22 j 19:00	0°♏	
greatest brilliancy	-1469 Nov 03 j 19:08	17°♏37'12	-0.6m
evening max el	-1469 Nov 10 j 13:18	25°♏55'47	20°10'38
	-1469 Nov 15 j 23:19	0°♐	
retrograde	-1469 Nov 18 j 07:34	0°♐29'10	
asc. node	-1469 Nov 20 j 02:52	0°♐10'28	
	-1469 Nov 20 j 13:31	30°℞♏	
evening set	-1469 Nov 21 j 22:34	29°♏12'44	
inferior conj	-1469 Nov 27 j 10:50	23°♏06'33	2°19'58
minimum elong	-1469 Nov 27 j 08:08	23°♏15'35	2°19'02
min. Earth dist.	-1469 Nov 28 j 06:11	22°♏01'44	0.66828 AU
morning rise	-1469 Dec 02 j 17:08	16°♏51'24	
direct	-1469 Dec 08 j 10:53	14°♏20'29	
morning max el	-1469 Dec 20 j 02:44	21°♏16'47	24°58'35
	-1469 Dec 27 j 16:38	0°♐	
desc. node	-1469 Dec 30 j 19:14	4°♐03'10	
	-1468 Jan 17 j 04:09	0°♑	
morning set	-1468 Jan 25 j 06:03	13°♑48'06	
max. Earth dist.	-1468 Jan 28 j 23:23	20°♑33'31	1.37011 AU
	-1468 Feb 02 j 22:55	0°♒	
superior conj	-1468 Feb 04 j 08:11	2°♒42'12	-1°-39'-31
minimum elong	-1468 Feb 04 j 11:43	2°♒59'36	1°39'11
evening rise	-1468 Feb 12 j 17:33	19°♒29'17	
asc. node	-1468 Feb 16 j 02:11	26°♒07'19	
	-1468 Feb 18 j 03:11	0°♓	
evening max el	-1468 Feb 29 j 20:08	17°♓07'04	19°28'11
retrograde	-1468 Mar 10 j 03:22	21°♓33'58	
evening set	-1468 Mar 12 j 08:43	21°♓19'52	
inferior conj	-1468 Mar 20 j 19:18	17°♓13'38	1°52'30
minimum elong	-1468 Mar 20 j 23:27	17°♓06'55	1°51'14
min. Earth dist.	-1468 Mar 23 j 12:03	15°♓29'11	0.56216 AU
desc. node	-1468 Mar 27 j 18:19	13°♓08'35	
morning rise	-1468 Mar 29 j 10:30	12°♓28'58	

direct	-1468 Apr 03 j 00:48	11°♓41'08	
morning max el	-1468 Apr 17 j 02:49	18°♓49'21	24°49'48
	-1468 Apr 26 j 10:34	0°♈	
morning set	-1468 May 12 j 23:45	29°♈37'12	
	-1468 May 13 j 04:05	0°♉	
asc. node	-1468 May 14 j 01:30	1°♉53'25	
superior conj	-1468 May 20 j 00:58	14°♉49'42	0°59'15
minimum elong	-1468 May 19 j 22:43	14°♉37'25	0°58'51
max. Earth dist.	-1468 May 21 j 09:57	17°♉48'25	1.33004 AU
evening rise	-1468 May 27 j 07:39	0°♊15'20	
	-1468 May 27 j 04:39	0°♊	
	-1468 Jun 12 j 22:03	0°♋	
desc. node	-1468 Jun 23 j 17:33	14°♋42'21	
evening max el	-1468 Jun 28 j 19:39	20°♋07'41	27°22'35
retrograde	-1468 Jul 12 j 14:26	27°♋27'22	
evening set	-1468 Jul 19 j 18:47	24°♋56'37	
min. Earth dist.	-1468 Jul 23 j 08:44	21°♋59'31	0.62688 AU
inferior conj	-1468 Jul 26 j 05:52	19°♋13'13	-4°-1'-17
minimum elong	-1468 Jul 26 j 10:01	19°♋03'12	4°00'27
morning rise	-1468 Aug 02 j 03:35	14°♋04'28	
direct	-1468 Aug 04 j 15:33	13°♋35'51	
asc. node	-1468 Aug 10 j 00:43	15°♋50'26	
morning max el	-1468 Aug 11 j 07:57	17°♋00'48	17°54'20
	-1468 Aug 20 j 13:14	0°♌	
morning set	-1468 Aug 27 j 14:38	12°♌22'53	
	-1468 Sep 06 j 16:08	0°♍	
superior conj	-1468 Sep 08 j 00:51	2°♍18'52	1°11'38
minimum elong	-1468 Sep 08 j 06:07	2°♍41'10	1°11'03
max. Earth dist.	-1468 Sep 14 j 22:16	13°♍43'41	1.43266 AU
desc. node	-1468 Sep 19 j 16:56	21°♍22'47	
evening rise	-1468 Sep 23 j 04:09	26°♍49'04	
	-1468 Sep 25 j 05:29	0°♎	
	-1468 Oct 15 j 17:46	0°♏	
greatest brilliancy	-1468 Oct 18 j 08:05	3°♏23'18	-0.4m
evening max el	-1468 Oct 23 j 12:12	9°♏23'07	21°18'46
retrograde	-1468 Nov 01 j 04:35	14°♏32'26	
evening set	-1468 Nov 05 j 06:16	12°♏59'32	
asc. node	-1468 Nov 05 j 23:55	12°♏22'40	
inferior conj	-1468 Nov 10 j 16:10	6°♏44'00	1°33'37
minimum elong	-1468 Nov 10 j 14:09	6°♏50'54	1°32'49
min. Earth dist.	-1468 Nov 10 j 23:56	6°♏17'14	0.67363 AU
morning rise	-1468 Nov 15 j 21:44	0°♏28'07	
	-1468 Nov 16 j 11:29	30°℞♎	
direct	-1468 Nov 21 j 00:00	28°♎17'58	
	-1468 Nov 26 j 01:11	0°♏	
morning max el	-1468 Dec 01 j 11:38	4°♏32'40	23°32'13
desc. node	-1468 Dec 16 j 16:16	23°♏40'40	
	-1468 Dec 21 j 00:45	0°♐	
morning set	-1467 Jan 05 j 14:51	24°♐40'25	
	-1467 Jan 08 j 17:28	0°♑	
max. Earth dist.	-1467 Jan 09 j 18:53	1°♑50'50	1.39063 AU
superior conj	-1467 Jan 17 j 06:45	15°♑25'52	-1°-54'-18
minimum elong	-1467 Jan 17 j 09:14	15°♑37'31	1°54'13
	-1467 Jan 24 j 21:20	0°♒	
evening rise	-1467 Jan 26 j 12:40	3°♒10'54	
asc. node	-1467 Feb 01 j 23:13	15°♒18'34	
evening max el	-1467 Feb 11 j 20:21	29°♒27'19	18°41'29
	-1467 Feb 12 j 10:23	0°♓	
retrograde	-1467 Feb 19 j 18:53	3°♓18'43	
evening set	-1467 Feb 22 j 03:56	2°♓59'15	
	-1467 Feb 27 j 22:09	30°℞♒	
inferior conj	-1467 Mar 01 j 20:31	28°♒34'39	3°06'33
minimum elong	-1467 Mar 02 j 00:45	28°♒26'39	3°05'39
min. Earth dist.	-1467 Mar 05 j 04:55	26°♒03'57	0.57895 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1467 Mar 09 j 17:37	23°♒19'24	
desc. node	-1467 Mar 14 j 15:24	21°♒59'44	
direct	-1467 Mar 15 j 11:14	21°♒58'02	
morning max el	-1467 Mar 29 j 18:59	29°♒29'14	26°17'26
	-1467 Mar 30 j 07:30	0°♓	
	-1467 Apr 20 j 02:19	0°♈	
morning set	-1467 Apr 27 j 11:04	14°♈35'06	
asc. node	-1467 Apr 30 j 22:32	22°♈00'51	
superior conj	-1467 May 04 j 12:20	29°♈49'39	0°36'57
minimum elong	-1467 May 04 j 10:47	29°♈41'07	0°36'38
	-1467 May 04 j 14:14	0°♉	
max. Earth dist.	-1467 May 04 j 21:42	0°♉40'56	1.32538 AU
evening rise	-1467 May 11 j 13:28	14°♉59'24	
	-1467 May 19 j 04:53	0°♊	
	-1467 Jun 08 j 15:39	0°♋	
desc. node	-1467 Jun 10 j 14:36	1°♋59'40	
evening max el	-1467 Jun 10 j 23:53	2°♋22'02	26°52'16
retrograde	-1467 Jun 24 j 23:09	9°♋39'43	
evening set	-1467 Jul 01 j 19:33	7°♋35'59	
min. Earth dist.	-1467 Jul 05 j 13:28	4°♋56'01	0.60726 AU
inferior conj	-1467 Jul 08 j 20:17	2°♋09'43	-4°-29'-4
minimum elong	-1467 Jul 08 j 22:43	2°♋04'34	4°28'50
	-1467 Jul 11 j 12:18	30°℞♊	
morning rise	-1467 Jul 16 j 04:59	27°♊23'01	
direct	-1467 Jul 18 j 16:03	26°♊59'15	
	-1467 Jul 25 j 07:21	0°♋	
morning max el	-1467 Jul 25 j 20:39	0°♋30'55	18°06'05
asc. node	-1467 Jul 27 j 21:46	2°♋43'50	
morning set	-1467 Aug 10 j 18:09	25°♋38'32	
	-1467 Aug 13 j 02:17	0°♌	
superior conj	-1467 Aug 20 j 16:52	13°♌53'39	1°35'14
minimum elong	-1467 Aug 20 j 20:36	14°♌10'16	1°34'57
max. Earth dist.	-1467 Aug 28 j 07:25	27°♌02'50	1.41589 AU
	-1467 Aug 30 j 01:57	0°♍	
evening rise	-1467 Sep 02 j 22:12	6°♍16'10	
desc. node	-1467 Sep 06 j 13:57	12°♍04'28	
	-1467 Sep 18 j 11:32	0°♎	
greatest brilliancy	-1467 Oct 01 j 09:36	17°♎26'10	-0.3m
evening max el	-1467 Oct 06 j 05:20	22°♎50'44	22°35'47
retrograde	-1467 Oct 15 j 23:41	28°♎38'57	
evening set	-1467 Oct 20 j 13:59	26°♎47'57	
asc. node	-1467 Oct 23 j 20:58	23°♎15'41	
inferior conj	-1467 Oct 25 j 23:01	20°♎26'44	0°42'52
minimum elong	-1467 Oct 25 j 22:02	20°♎30'09	0°42'27
min. Earth dist.	-1467 Oct 25 j 20:13	20°♎36'22	0.67569 AU
morning rise	-1467 Oct 31 j 06:00	14°♎12'33	
direct	-1467 Nov 04 j 17:13	12°♎24'50	
morning max el	-1467 Nov 13 j 23:58	17°♎54'17	22°05'56
greatest brilliancy	-1467 Nov 18 j 17:31	23°♎14'53	-0.4m
	-1467 Nov 23 j 22:26	0°♏	
desc. node	-1467 Dec 03 j 13:18	13°♏42'59	
	-1467 Dec 14 j 04:26	0°♐	
morning set	-1467 Dec 16 j 18:47	4°♐08'41	
max. Earth dist.	-1467 Dec 22 j 17:01	13°♐52'20	1.41140 AU
superior conj	-1467 Dec 30 j 10:40	27°♐12'27	-1°-59'-27
minimum elong	-1467 Dec 30 j 10:18	27°♐10'51	1°59'29
	-1466 Jan 01 j 00:15	0°♑	
evening rise	-1466 Jan 09 j 20:56	16°♑16'38	
	-1466 Jan 17 j 10:22	0°♒	
asc. node	-1466 Jan 19 j 20:16	3°♒59'11	
evening max el	-1466 Jan 26 j 03:38	12°♒15'10	18°14'56
retrograde	-1466 Feb 02 j 04:41	15°♒46'49	
evening set	-1466 Feb 04 j 17:40	15°♒20'09	
inferior conj	-1466 Feb 11 j 18:27	10°♒34'20	3°45'07
minimum elong	-1466 Feb 11 j 20:32	10°♒29'46	3°44'54
min. Earth dist.	-1466 Feb 15 j 02:52	7°♒38'48	0.59918 AU
morning rise	-1466 Feb 18 j 20:08	4°♒56'23	
direct	-1466 Feb 25 j 10:13	2°♒56'36	
desc. node	-1466 Mar 01 j 12:27	3°♒40'14	
morning max el	-1466 Mar 11 j 16:35	10°♒40'27	27°18'38
	-1466 Mar 26 j 16:51	0°♓	
morning set	-1466 Apr 11 j 19:54	29°♓24'09	
	-1466 Apr 12 j 02:48	0°♈	
asc. node	-1466 Apr 17 j 19:36	12°♈12'46	
max. Earth dist.	-1466 Apr 18 j 10:46	13°♈35'45	1.32428 AU
superior conj	-1466 Apr 19 j 00:03	14°♈48'30	0°12'31
minimum elong	-1466 Apr 18 j 23:29	14°♈45'26	0°12'24
behind sun begin	-1466 Apr 18 j 20:21	14°♈28'16	
behind sun end	-1466 Apr 19 j 02:37	15°♈02'35	
evening rise	-1466 Apr 25 j 23:10	29°♈53'12	
	-1466 Apr 26 j 00:28	0°♉	
	-1466 May 12 j 14:29	0°♊	
evening max el	-1466 May 23 j 21:32	13°♊51'55	25°50'41
desc. node	-1466 May 28 j 11:38	17°♊39'43	
retrograde	-1466 Jun 06 j 23:14	21°♊05'39	
evening set	-1466 Jun 12 j 22:46	19°♊39'27	
min. Earth dist.	-1466 Jun 17 j 09:58	16°♊58'35	0.58671 AU
inferior conj	-1466 Jun 20 j 17:29	14°♊33'01	-4°-34'-11
minimum elong	-1466 Jun 20 j 16:21	14°♊35'05	4°34'09
morning rise	-1466 Jun 28 j 13:45	10°♊08'56	
direct	-1466 Jul 01 j 01:26	9°♊48'41	
morning max el	-1466 Jul 09 j 03:48	13°♊38'50	18°37'48
asc. node	-1466 Jul 14 j 18:50	20°♊34'35	
	-1466 Jul 20 j 09:30	0°♋	
morning set	-1466 Jul 25 j 09:51	9°♋30'22	
superior conj	-1466 Aug 03 j 06:53	26°♋34'22	1°46'21
minimum elong	-1466 Aug 03 j 08:15	26°♋40'46	1°46'20
	-1466 Aug 05 j 03:04	0°♌	
max. Earth dist.	-1466 Aug 10 j 11:07	9°♌36'45	1.39635 AU
evening rise	-1466 Aug 14 j 15:57	16°♌50'35	
	-1466 Aug 22 j 18:14	0°♍	
desc. node	-1466 Aug 24 j 10:59	2°♍38'20	
	-1466 Sep 13 j 01:22	0°♎	
evening max el	-1466 Sep 18 j 18:21	6°♎20'49	23°56'13
retrograde	-1466 Sep 29 j 15:33	12°♎45'22	
evening set	-1466 Oct 04 j 19:59	10°♎35'46	
min. Earth dist.	-1466 Oct 09 j 16:34	4°♎57'07	0.67467 AU
inferior conj	-1466 Oct 10 j 05:37	4°♎12'49	0°-10'-42
minimum elong	-1466 Oct 10 j 05:52	4°♎11'57	0°10'37
transit middle	-1466 Oct 10 j 05:52	4°♎11'57	0°10'37
transit begin	-1466 Oct 10 j 03:48	4°♎18'59	
transit end	-1466 Oct 10 j 07:56	4°♎04'56	
asc. node	-1466 Oct 10 j 18:02	3°♎30'45	
	-1466 Oct 13 j 13:31	30°℞♍	
morning rise	-1466 Oct 15 j 15:56	28°♍03'05	
direct	-1466 Oct 19 j 13:35	26°♍36'42	
	-1466 Oct 26 j 07:29	0°♎	
morning max el	-1466 Oct 27 j 18:36	1°♎24'09	20°47'05
greatest brilliancy	-1466 Nov 02 j 16:33	8°♎22'23	-0.5m
	-1466 Nov 17 j 18:21	0°♏	
desc. node	-1466 Nov 20 j 10:20	4°♏02'43	
morning set	-1466 Nov 25 j 21:56	12°♏29'45	
max. Earth dist.	-1466 Dec 04 j 21:59	26°♏47'06	1.42961 AU
	-1466 Dec 06 j 21:21	0°♐	
superior conj	-1466 Dec 11 j 14:24	7°♐48'47	-1°-50'-41
minimum elong	-1466 Dec 11 j 09:40	7°♐28'55	1°50'26
evening rise	-1466 Dec 23 j 14:21	28°♐37'35	
	-1466 Dec 24 j 08:55	0°♑	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1465 Jan 06 j 17:20	21°♉58'59	
evening max el	-1465 Jan 09 j 15:00	25°♉21'33	18°08'02
retrograde	-1465 Jan 16 j 05:10	28°♉47'32	
evening set	-1465 Jan 18 j 21:57	28°♉12'34	
inferior conj	-1465 Jan 25 j 10:07	23°♉05'20	3°55'09
minimum elong	-1465 Jan 25 j 09:49	23°♉06'06	3°55'08
min. Earth dist.	-1465 Jan 28 j 08:24	20°♉09'34	0.61964 AU
morning rise	-1465 Jan 31 j 19:23	17°♉12'43	
direct	-1465 Feb 07 j 19:12	14°♉41'34	
desc. node	-1465 Feb 16 j 09:31	17°♉54'00	
morning max el	-1465 Feb 21 j 20:05	22°♉30'45	27°44'54
	-1465 Feb 28 j 11:34	0°♒	
	-1465 Mar 19 j 19:30	0°♓	
morning set	-1465 Mar 27 j 00:09	13°♓56'13	
max. Earth dist.	-1465 Apr 01 j 21:11	26°♓18'05	1.32678 AU
superior conj	-1465 Apr 03 j 10:23	29°♓39'33	0°-13'-17
minimum elong	-1465 Apr 03 j 11:00	29°♓42'54	0°13'09
behind sun begin	-1465 Apr 03 j 08:07	29°♓27'16	
behind sun end	-1465 Apr 03 j 13:52	29°♓58'32	
	-1465 Apr 03 j 14:08	0°♈	
asc. node	-1465 Apr 04 j 16:39	2°♈24'18	
evening rise	-1465 Apr 10 j 10:41	14°♈48'50	
	-1465 Apr 18 j 02:13	0°♉	
evening max el	-1465 May 05 j 13:47	24°♉44'43	24°25'54
	-1465 May 12 j 15:51	0°♊	
desc. node	-1465 May 15 j 08:39	1°♊06'52	
retrograde	-1465 May 19 j 12:01	1°♊46'10	
evening set	-1465 May 24 j 03:52	0°♊57'26	
	-1465 May 26 j 11:27	30°℞♉	
min. Earth dist.	-1465 May 30 j 01:29	27°♉59'32	0.56818 AU
inferior conj	-1465 Jun 01 j 18:48	26°♉15'19	-4°-4'-58
minimum elong	-1465 Jun 01 j 13:30	26°♉23'50	4°04'04
morning rise	-1465 Jun 10 j 03:02	22°♉10'28	
direct	-1465 Jun 12 j 16:24	21°♉52'36	
morning max el	-1465 Jun 22 j 02:30	26°♉15'05	19°30'14
	-1465 Jun 25 j 12:53	0°♊	
asc. node	-1465 Jul 01 j 15:54	9°♊09'47	
morning set	-1465 Jul 09 j 10:12	23°♊49'40	
	-1465 Jul 12 j 11:54	0°♋	
superior conj	-1465 Jul 17 j 13:14	10°♋05'12	1°47'24
minimum elong	-1465 Jul 17 j 12:36	10°♋02'04	1°47'25
max. Earth dist.	-1465 Jul 23 j 13:48	21°♋36'08	1.37667 AU
evening rise	-1465 Jul 27 j 10:41	28°♋37'41	
	-1465 Jul 28 j 05:18	0°♌	
desc. node	-1465 Aug 11 j 07:59	22°♌59'42	
	-1465 Aug 16 j 02:55	0°♍	
evening max el	-1465 Sep 01 j 05:46	19°♍55'09	25°13'05
retrograde	-1465 Sep 13 j 03:09	26°♍47'55	
evening set	-1465 Sep 18 j 22:32	24°♍21'04	
min. Earth dist.	-1465 Sep 23 j 10:31	19°♍17'54	0.67050 AU
inferior conj	-1465 Sep 24 j 10:14	18°♍00'25	-1°-5'-34
minimum elong	-1465 Sep 24 j 11:50	17°♍55'09	1°04'55
asc. node	-1465 Sep 27 j 15:04	14°♍06'08	
morning rise	-1465 Sep 30 j 01:39	11°♍58'14	
direct	-1465 Oct 03 j 11:46	10°♍50'28	
morning max el	-1465 Oct 10 j 20:45	15°♍03'44	19°40'37
greatest brilliancy	-1465 Oct 19 j 03:46	25°♍31'53	-0.6m
	-1465 Oct 22 j 05:36	0°♎	
morning set	-1465 Nov 04 j 20:06	20°♎44'56	
desc. node	-1465 Nov 07 j 07:23	24°♎35'02	
	-1465 Nov 10 j 18:44	0°♏	
max. Earth dist.	-1465 Nov 17 j 10:29	10°♏29'07	1.44276 AU
superior conj	-1465 Nov 21 j 15:05	17°♏11'00	-1°-24'-26
minimum elong	-1465 Nov 21 j 07:16	16°♏39'36	1°23'42
	-1465 Nov 29 j 11:35	0°♐	
evening rise	-1465 Dec 05 j 12:34	10°♐06'25	
	-1465 Dec 17 j 13:23	0°♑	
evening max el	-1465 Dec 24 j 03:36	8°♑39'54	18°20'05
asc. node	-1465 Dec 24 j 14:21	9°♑06'30	
retrograde	-1465 Dec 30 j 16:05	12°♑12'30	
evening set	-1464 Jan 02 j 13:10	11°♑28'03	
inferior conj	-1464 Jan 08 j 15:41	6°♑00'42	3°44'33
minimum elong	-1464 Jan 08 j 13:42	6°♑06'16	3°44'17
min. Earth dist.	-1464 Jan 10 j 23:19	3°♑24'47	0.63792 AU
	-1464 Jan 14 j 11:54	30°℞♐	
morning rise	-1464 Jan 14 j 12:44	29°♐58'20	
direct	-1464 Jan 21 j 11:55	27°♐10'09	
	-1464 Jan 29 j 06:39	0°♑	
desc. node	-1464 Feb 03 j 06:36	4°♑06'00	
morning max el	-1464 Feb 04 j 03:54	4°♑57'52	27°34'37
	-1464 Feb 23 j 03:37	0°♒	
morning set	-1464 Mar 09 j 21:20	28°♒03'03	
	-1464 Mar 10 j 20:46	0°♓	
max. Earth dist.	-1464 Mar 15 j 01:11	8°♓35'44	1.33327 AU
superior conj	-1464 Mar 17 j 17:33	14°♓16'38	0°-39'-29
minimum elong	-1464 Mar 17 j 19:23	14°♓26'29	0°39'07
asc. node	-1464 Mar 21 j 13:42	22°♓31'17	
evening rise	-1464 Mar 24 j 22:14	29°♓39'57	
	-1464 Mar 25 j 02:03	0°♈	
	-1464 Apr 11 j 09:55	0°♉	
evening max el	-1464 Apr 16 j 05:29	5°♉22'05	22°51'12
retrograde	-1464 Apr 29 j 11:42	11°♉55'02	
desc. node	-1464 May 01 j 05:42	11°♉48'14	
evening set	-1464 May 02 j 18:59	11°♉31'11	
min. Earth dist.	-1464 May 10 j 14:44	8°♉04'28	0.55515 AU
inferior conj	-1464 May 12 j 01:07	7°♉15'00	-2°-52'-26
minimum elong	-1464 May 11 j 18:27	7°♉24'36	2°50'31
morning rise	-1464 May 20 j 20:37	3°♉20'09	
direct	-1464 May 23 j 13:34	3°♉02'55	
morning max el	-1464 Jun 03 j 14:32	8°♉10'59	20°43'07
asc. node	-1464 Jun 17 j 12:58	28°♉18'22	
	-1464 Jun 18 j 10:20	0°♊	
morning set	-1464 Jun 22 j 16:24	8°♊28'33	
superior conj	-1464 Jun 30 j 07:12	24°♊12'16	1°40'41
minimum elong	-1464 Jun 30 j 05:16	24°♊02'26	1°40'35
	-1464 Jul 03 j 04:04	0°♋	
max. Earth dist.	-1464 Jul 04 j 21:37	3°♋25'18	1.35904 AU
evening rise	-1464 Jul 09 j 02:14	11°♋26'20	
	-1464 Jul 19 j 17:36	0°♌	
desc. node	-1464 Jul 28 j 04:59	13°♌02'01	
	-1464 Aug 10 j 08:28	0°♍	
evening max el	-1464 Aug 13 j 17:15	3°♍29'59	26°18'33
retrograde	-1464 Aug 26 j 09:47	10°♍40'36	
evening set	-1464 Sep 01 j 19:36	8°♍00'26	
min. Earth dist.	-1464 Sep 05 j 23:32	3°♍35'01	0.66300 AU
inferior conj	-1464 Sep 07 j 10:59	1°♍45'53	-2°00'-5
minimum elong	-1464 Sep 07 j 13:55	1°♍36'51	1°58'58
	-1464 Sep 08 j 21:59	30°℞♌	
morning rise	-1464 Sep 13 j 09:09	25°♌54'34	
asc. node	-1464 Sep 13 j 12:07	25°♌50'22	
direct	-1464 Sep 16 j 09:57	25°♌02'03	
morning max el	-1464 Sep 23 j 05:35	28°♌50'32	18°49'05
	-1464 Sep 24 j 07:38	0°♍	
morning set	-1464 Oct 14 j 12:23	29°♍58'43	
	-1464 Oct 14 j 12:42	0°♎	
desc. node	-1464 Oct 24 j 04:23	15°♎15'08	
max. Earth dist.	-1464 Oct 30 j 04:00	24°♎40'08	1.44915 AU
superior conj	-1464 Oct 30 j 18:46	25°♎38'14	0°-41'-52

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1464 Oct 30 j 13:23	25°♎17'04	0°41'13
	-1464 Nov 02 j 13:12	0°♏	
evening rise	-1464 Nov 15 j 11:37	20°♏35'59	
	-1464 Nov 21 j 07:40	0°♐	
evening max el	-1464 Dec 06 j 14:47	22°♐04'23	18°50'13
asc. node	-1464 Dec 10 j 11:22	25°♐07'28	
retrograde	-1464 Dec 13 j 09:32	25°♐54'05	
evening set	-1464 Dec 16 j 12:07	24°♐58'46	
inferior conj	-1464 Dec 22 j 07:30	19°♐13'43	3°19'26
minimum elong	-1464 Dec 22 j 04:42	19°♐22'19	3°18'48
min. Earth dist.	-1464 Dec 23 j 23:56	17°♐09'46	0.65266 AU
morning rise	-1464 Dec 27 j 20:16	13°♐04'26	
direct	-1463 Jan 03 j 11:10	10°♐14'17	
morning max el	-1463 Jan 16 j 13:35	17°♐52'09	26°52'01
desc. node	-1463 Jan 20 j 03:39	21°♐43'07	
	-1463 Jan 26 j 19:14	0°♑	
	-1463 Feb 15 j 01:18	0°♒	
morning set	-1463 Feb 21 j 08:12	11°♒34'47	
max. Earth dist.	-1463 Feb 25 j 19:18	20°♒20'37	1.34411 AU
superior conj	-1463 Mar 01 j 19:31	28°♒33'33	-1°-4'-56
minimum elong	-1463 Mar 01 j 22:26	28°♒48'46	1°04'27
	-1463 Mar 02 j 12:06	0°♓	
asc. node	-1463 Mar 08 j 10:44	12°♓29'43	
evening rise	-1463 Mar 09 j 08:02	14°♓20'38	
	-1463 Mar 17 j 09:11	0°♈	
evening max el	-1463 Mar 29 j 03:11	16°♈12'51	21°20'38
retrograde	-1463 Apr 10 j 02:10	22°♈00'09	
evening set	-1463 Apr 12 j 12:27	21°♈46'38	
desc. node	-1463 Apr 18 j 02:45	19°♈47'30	
inferior conj	-1463 Apr 21 j 20:22	17°♈46'46	-1°-3'-18
minimum elong	-1463 Apr 21 j 17:23	17°♈50'58	1°02'16
min. Earth dist.	-1463 Apr 22 j 03:54	17°♈36'10	0.55047 AU
morning rise	-1463 Apr 30 j 22:25	13°♈45'16	
direct	-1463 May 04 j 00:41	13°♈24'26	
morning max el	-1463 May 16 j 15:52	19°♈25'13	22°13'19
	-1463 May 25 j 07:56	0°♉	
asc. node	-1463 Jun 04 j 10:02	17°♉51'56	
morning set	-1463 Jun 07 j 02:21	23°♉20'54	
	-1463 Jun 10 j 06:10	0°♊	
superior conj	-1463 Jun 14 j 09:15	8°♊45'11	1°28'01
minimum elong	-1463 Jun 14 j 06:44	8°♊31'59	1°27'45
max. Earth dist.	-1463 Jun 17 j 14:26	15°♊27'02	1.34475 AU
evening rise	-1463 Jun 22 j 09:34	25°♊03'07	
	-1463 Jun 24 j 23:43	0°♋	
	-1463 Jul 13 j 04:54	0°♌	
desc. node	-1463 Jul 15 j 01:59	2°♌37'06	
evening max el	-1463 Jul 27 j 04:54	16°♌57'36	27°04'46
retrograde	-1463 Aug 09 j 11:11	24°♌17'00	
evening set	-1463 Aug 16 j 08:48	21°♌30'59	
min. Earth dist.	-1463 Aug 20 j 05:21	17°♌43'37	0.65187 AU
inferior conj	-1463 Aug 22 j 05:46	15°♌25'59	-2°-52'-6
minimum elong	-1463 Aug 22 j 09:45	15°♌14'37	2°50'48
morning rise	-1463 Aug 28 j 12:09	9°♌48'48	
direct	-1463 Aug 31 j 05:59	9°♌08'05	
asc. node	-1463 Aug 31 j 09:12	9°♌08'11	
morning max el	-1463 Sep 06 j 19:03	12°♌40'50	18°13'56
	-1463 Sep 18 j 22:39	0°♍	
morning set	-1463 Sep 25 j 08:39	10°♍35'04	
	-1463 Oct 07 j 06:56	0°♎	
superior conj	-1463 Oct 09 j 20:55	4°♎06'58	0°07'43
minimum elong	-1463 Oct 09 j 21:54	4°♎10'51	0°07'36
behind sun begin	-1463 Oct 09 j 12:06	3°♎31'53	
behind sun end	-1463 Oct 10 j 07:42	4°♎49'46	
desc. node	-1463 Oct 11 j 01:22	5°♎59'47	
max. Earth dist.	-1463 Oct 12 j 22:40	8°♎58'50	1.44816 AU
evening rise	-1463 Oct 26 j 11:00	0°♏07'19	
	-1463 Oct 26 j 09:07	0°♏	
greatest brilliancy	-1463 Nov 11 j 15:51	24°♏53'22	-0.7m
	-1463 Nov 15 j 07:49	0°♐	
evening max el	-1463 Nov 19 j 22:17	5°♐30'59	19°37'00
retrograde	-1463 Nov 27 j 06:19	9°♐46'44	
asc. node	-1463 Nov 27 j 08:25	9°♐46'41	
evening set	-1463 Nov 30 j 16:09	8°♐38'39	
inferior conj	-1463 Dec 06 j 06:28	2°♐39'02	2°43'56
minimum elong	-1463 Dec 06 j 03:34	2°♐48'31	2°43'03
min. Earth dist.	-1463 Dec 07 j 09:02	1°♐12'15	0.66361 AU
	-1463 Dec 08 j 07:39	30°℞♏	
morning rise	-1463 Dec 11 j 14:17	26°♏25'12	
direct	-1463 Dec 17 j 16:21	23°♏44'52	
	-1463 Dec 28 j 22:04	0°♐	
morning max el	-1463 Dec 29 j 22:53	1°♐00'50	25°44'42
desc. node	-1462 Jan 07 j 00:41	10°♐20'01	
	-1462 Jan 20 j 19:39	0°♑	
morning set	-1462 Feb 04 j 04:16	24°♑17'32	
	-1462 Feb 07 j 05:49	0°♒	
max. Earth dist.	-1462 Feb 08 j 01:32	1°♒33'48	1.35944 AU
superior conj	-1462 Feb 13 j 13:38	12°♒21'46	-1°-28'-4
minimum elong	-1462 Feb 13 j 17:11	12°♒39'39	1°27'38
evening rise	-1462 Feb 21 j 14:02	28°♒43'35	
	-1462 Feb 22 j 05:05	0°♓	
asc. node	-1462 Feb 23 j 07:45	2°♓14'18	
evening max el	-1462 Mar 11 j 11:16	27°♓36'09	20°03'59
	-1462 Mar 14 j 09:07	0°♈	
retrograde	-1462 Mar 21 j 17:51	2°♈30'50	
evening set	-1462 Mar 23 j 21:59	2°♈18'37	
	-1462 Mar 29 j 21:01	30°℞♓	
inferior conj	-1462 Apr 01 j 18:26	28°♓18'53	0°54'02
minimum elong	-1462 Apr 01 j 20:47	28°♓15'22	0°53'14
min. Earth dist.	-1462 Apr 03 j 18:03	27°♓07'08	0.55533 AU
desc. node	-1462 Apr 04 j 23:49	26°♓23'52	
morning rise	-1462 Apr 10 j 16:46	23°♓52'12	
direct	-1462 Apr 14 j 15:07	23°♓18'16	
	-1462 Apr 28 j 06:21	0°♈	
morning max el	-1462 Apr 28 j 09:14	0°♈06'50	23°53'04
	-1462 May 18 j 12:05	0°♉	
asc. node	-1462 May 22 j 07:04	7°♉42'45	
morning set	-1462 May 22 j 14:07	8°♉19'38	
superior conj	-1462 May 29 j 16:33	23°♉34'05	1°10'48
minimum elong	-1462 May 29 j 14:04	23°♉20'40	1°10'25
max. Earth dist.	-1462 May 31 j 16:24	27°♉50'24	1.33427 AU
	-1462 Jun 01 j 16:51	0°♊	
evening rise	-1462 Jun 06 j 04:14	9°♊14'09	
	-1462 Jun 17 j 09:22	0°♋	
desc. node	-1462 Jul 01 j 23:02	21°♋32'48	
evening max el	-1462 Jul 09 j 15:30	0°♌06'23	27°24'56
	-1462 Jul 09 j 12:50	0°♌	
retrograde	-1462 Jul 23 j 07:00	7°♌27'54	
evening set	-1462 Jul 30 j 11:03	4°♌47'30	
min. Earth dist.	-1462 Aug 03 j 02:06	1°♌34'31	0.63694 AU
	-1462 Aug 04 j 15:03	30°℞♋	
inferior conj	-1462 Aug 05 j 16:02	28°♋55'09	-3°-38'-41
minimum elong	-1462 Aug 05 j 20:27	28°♋43'47	3°37'34
morning rise	-1462 Aug 12 j 07:53	23°♋35'19	
direct	-1462 Aug 14 j 21:12	23°♋03'11	
asc. node	-1462 Aug 18 j 06:15	23°♋59'48	
morning max el	-1462 Aug 21 j 10:29	26°♋28'47	17°56'16
	-1462 Aug 24 j 11:10	0°♌	
morning set	-1462 Sep 07 j 06:57	22°♌26'20	
	-1462 Sep 11 j 16:11	0°♍	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1462 Sep 19 j 18:24	13°♍35'31	0°51'47
minimum elong	-1462 Sep 19 j 23:21	13°♍55'51	0°51'10
max. Earth dist.	-1462 Sep 25 j 15:14	23°♍06'35	1.44006 AU
desc. node	-1462 Sep 27 j 22:23	26°♍46'08	
	-1462 Sep 29 j 23:30	0°♎	
evening rise	-1462 Oct 05 j 18:37	9°♎01'30	
	-1462 Oct 19 j 15:54	0°♏	
greatest brilliancy	-1462 Oct 28 j 01:20	11°♏50'02	-0.5m
evening max el	-1462 Nov 03 j 00:34	18°♏58'28	20°38'15
retrograde	-1462 Nov 11 j 03:52	23°♏47'03	
asc. node	-1462 Nov 14 j 05:27	22°♏53'13	
evening set	-1462 Nov 14 j 23:03	22°♏24'03	
inferior conj	-1462 Nov 20 j 10:07	16°♏13'21	2°00'57
minimum elong	-1462 Nov 20 j 07:40	16°♏21'41	2°00'04
min. Earth dist.	-1462 Nov 21 j 00:26	15°♏24'41	0.67093 AU
morning rise	-1462 Nov 25 j 15:48	9°♏57'18	
direct	-1462 Dec 01 j 02:56	7°♏34'43	
morning max el	-1462 Dec 12 j 07:22	14°♏15'06	24°22'20
desc. node	-1462 Dec 24 j 21:42	29°♏39'19	
	-1462 Dec 25 j 03:42	0°♐	
	-1461 Jan 13 j 16:48	0°♑	
morning set	-1461 Jan 17 j 03:49	5°♑55'25	
max. Earth dist.	-1461 Jan 20 j 22:30	12°♑37'34	1.37859 AU
superior conj	-1461 Jan 27 j 20:34	25°♑32'30	-1°-46'-43
minimum elong	-1461 Jan 27 j 23:52	25°♑48'19	1°46'30
	-1461 Jan 30 j 03:43	0°♒	
evening rise	-1461 Feb 05 j 13:55	12°♒42'21	
asc. node	-1461 Feb 10 j 04:48	21°♒39'41	
	-1461 Feb 14 j 22:17	0°♓	
evening max el	-1461 Feb 22 j 06:14	9°♓37'27	19°05'53
retrograde	-1461 Mar 02 j 22:23	13°♓47'10	
evening set	-1461 Mar 05 j 05:02	13°♓31'11	
inferior conj	-1461 Mar 13 j 07:56	9°♓18'13	2°28'25
minimum elong	-1461 Mar 13 j 12:32	9°♓10'15	2°27'10
min. Earth dist.	-1461 Mar 16 j 09:41	7°♓11'38	0.56866 AU
morning rise	-1461 Mar 21 j 15:57	4°♓19'30	
desc. node	-1461 Mar 22 j 20:52	3°♓54'20	
direct	-1461 Mar 26 j 18:17	3°♓18'26	
morning max el	-1461 Apr 10 j 00:03	10°♓38'58	25°29'25
	-1461 Apr 24 j 17:21	0°♈	
morning set	-1461 May 07 j 02:04	23°♈19'14	
asc. node	-1461 May 09 j 04:08	27°♈45'27	
	-1461 May 10 j 05:04	0°♉	
superior conj	-1461 May 14 j 02:59	8°♉31'49	0°50'06
minimum elong	-1461 May 14 j 00:59	8°♉20'52	0°49'43
max. Earth dist.	-1461 May 15 j 01:28	10°♉34'23	1.32760 AU
evening rise	-1461 May 21 j 06:48	23°♉48'53	
	-1461 May 24 j 08:25	0°♊	
	-1461 Jun 11 j 04:18	0°♋	
desc. node	-1461 Jun 18 j 20:05	9°♋32'26	
evening max el	-1461 Jun 21 j 22:54	12°♋44'08	27°13'48
retrograde	-1461 Jul 05 j 20:15	20°♋03'36	
evening set	-1461 Jul 12 j 22:24	17°♋42'51	
min. Earth dist.	-1461 Jul 16 j 12:51	14°♋54'45	0.61870 AU
inferior conj	-1461 Jul 19 j 14:43	12°♋06'08	-4°-15'-16
minimum elong	-1461 Jul 19 j 18:21	11°♋57'48	4°14'42
morning rise	-1461 Jul 26 j 17:01	7°♋06'26	
direct	-1461 Jul 29 j 04:12	6°♋40'13	
morning max el	-1461 Aug 05 j 00:59	10°♋07'14	17°56'58
asc. node	-1461 Aug 05 j 03:20	10°♋13'01	
	-1461 Aug 18 j 03:46	0°♌	
morning set	-1461 Aug 21 j 01:27	5°♌15'32	
superior conj	-1461 Aug 31 j 19:16	24°♌24'58	1°23'18
minimum elong	-1461 Sep 01 j 00:07	24°♌45'54	1°22'50
	-1461 Sep 04 j 01:41	0°♍	
max. Earth dist.	-1461 Sep 08 j 03:23	6°♍46'58	1.42598 AU
desc. node	-1461 Sep 14 j 19:24	17°♍30'36	
evening rise	-1461 Sep 15 j 03:39	18°♍03'03	
	-1461 Sep 22 j 21:49	0°♎	
greatest brilliancy	-1461 Oct 12 j 01:24	26°♎57'16	-0.4m
	-1461 Oct 14 j 14:52	0°♏	
evening max el	-1461 Oct 16 j 20:59	2°♏26'09	21°50'48
retrograde	-1461 Oct 26 j 00:13	7°♏51'56	
evening set	-1461 Oct 30 j 06:57	6°♏11'44	
asc. node	-1461 Nov 01 j 02:31	4°♏28'34	
inferior conj	-1461 Nov 04 j 16:20	29°♎53'30	1°12'33
minimum elong	-1461 Nov 04 j 14:43	29°♎59'04	1°11'53
	-1461 Nov 04 j 14:27	30°℞♎	
min. Earth dist.	-1461 Nov 04 j 19:37	29°♎42'09	0.67491 AU
morning rise	-1461 Nov 09 j 22:14	23°♎37'53	
direct	-1461 Nov 14 j 18:05	21°♎36'58	
morning max el	-1461 Nov 24 j 17:08	27°♎32'30	22°54'54
	-1461 Nov 27 j 00:20	0°♏	
greatest brilliancy	-1461 Nov 29 j 11:44	2°♏53'34	-0.3m
desc. node	-1461 Dec 11 j 18:43	19°♏28'26	
	-1461 Dec 18 j 20:11	0°♐	
morning set	-1461 Dec 29 j 00:34	16°♐11'55	
max. Earth dist.	-1460 Jan 02 j 17:51	24°♐09'03	1.39966 AU
	-1460 Jan 06 j 02:28	0°♑	
superior conj	-1460 Jan 10 j 11:53	7°♑53'40	-1°-57'-55
minimum elong	-1460 Jan 10 j 13:24	8°♑00'37	1°57'55
evening rise	-1460 Jan 20 j 04:48	26°♑09'16	
	-1460 Jan 22 j 05:22	0°♒	
asc. node	-1460 Jan 28 j 01:50	10°♒38'44	
evening max el	-1460 Feb 05 j 09:53	22°♒10'43	18°27'45
retrograde	-1460 Feb 12 j 21:38	25°♒51'20	
evening set	-1460 Feb 15 j 08:34	25°♒28'51	
inferior conj	-1460 Feb 22 j 18:04	20°♒55'32	3°26'54
minimum elong	-1460 Feb 22 j 21:31	20°♒48'34	3°26'20
min. Earth dist.	-1460 Feb 26 j 04:15	18°♒11'15	0.58742 AU
morning rise	-1460 Mar 01 j 06:47	15°♒29'50	
direct	-1460 Mar 07 j 10:36	13°♒51'44	
desc. node	-1460 Mar 08 j 17:55	13°♒56'06	
morning max el	-1460 Mar 21 j 17:56	21°♒28'58	26°47'19
	-1460 Mar 29 j 04:27	0°♓	
	-1460 Apr 16 j 11:13	0°♈	
morning set	-1460 Apr 20 j 12:32	8°♈14'00	
asc. node	-1460 Apr 25 j 01:12	17°♈55'24	
superior conj	-1460 Apr 27 j 14:43	23°♈32'06	0°26'47
minimum elong	-1460 Apr 27 j 13:33	23°♈25'43	0°26'33
max. Earth dist.	-1460 Apr 27 j 14:14	23°♈29'30	1.32449 AU
	-1460 Apr 30 j 13:37	0°♉	
evening rise	-1460 May 04 j 14:33	8°♉38'22	
	-1460 May 15 j 18:48	0°♊	
evening max el	-1460 Jun 03 j 00:43	24°♊40'53	26°29'43
desc. node	-1460 Jun 04 j 17:07	26°♊12'46	
	-1460 Jun 10 j 01:45	0°♋	
retrograde	-1460 Jun 17 j 01:22	1°♋56'39	
evening set	-1460 Jun 23 j 14:25	0°♋08'28	
	-1460 Jun 23 j 20:36	30°℞♊	
min. Earth dist.	-1460 Jun 27 j 13:57	27°♊30'09	0.59844 AU
inferior conj	-1460 Jun 30 j 22:19	24°♊50'21	-4°-34'-43
minimum elong	-1460 Jun 30 j 23:26	24°♊48'06	4°34'40
morning rise	-1460 Jul 08 j 11:48	20°♊13'00	
direct	-1460 Jul 10 j 23:02	19°♊50'47	
morning max el	-1460 Jul 18 j 11:38	23°♊28'57	18°17'04
asc. node	-1460 Jul 22 j 00:24	27°♊32'46	
	-1460 Jul 23 j 18:10	0°♋	
morning set	-1460 Aug 03 j 10:43	18°♋48'32	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1460 Aug 09 j 08:53	0°♌	
superior conj	-1460 Aug 12 j 21:22	6°♌29'51	1°41'20
minimum elong	-1460 Aug 13 j 00:06	6°♌42'18	1°41'12
max. Earth dist.	-1460 Aug 20 j 10:20	19°♌48'40	1.40778 AU
evening rise	-1460 Aug 25 j 07:07	27°♌57'18	
	-1460 Aug 26 j 13:12	0°♍	
desc. node	-1460 Aug 31 j 16:27	8°♍09'56	
	-1460 Sep 15 j 12:56	0°♎	
greatest brilliancy	-1460 Sep 22 j 19:35	9°♎30'46	-0.2m
evening max el	-1460 Sep 28 j 12:17	15°♎55'33	23°09'58
retrograde	-1460 Oct 08 j 17:56	21°♎59'08	
evening set	-1460 Oct 13 j 14:09	20°♎00'15	
asc. node	-1460 Oct 17 j 23:34	14°♎59'19	
inferior conj	-1460 Oct 18 j 23:17	13°♎38'06	0°20'26
minimum elong	-1460 Oct 18 j 22:48	13°♎39'45	0°20'13
min. Earth dist.	-1460 Oct 18 j 16:10	14°♎02'33	0.67571 AU
morning rise	-1460 Oct 24 j 07:29	7°♎25'35	
direct	-1460 Oct 28 j 12:50	5°♎47'03	
morning max el	-1460 Nov 06 j 07:47	10°♎57'12	21°31'07
greatest brilliancy	-1460 Nov 11 j 09:51	16°♎46'54	-0.4m
	-1460 Nov 21 j 02:29	0°♏	
desc. node	-1460 Nov 27 j 15:46	9°♏39'12	
morning set	-1460 Dec 07 j 16:33	25°♏06'51	
	-1460 Dec 10 j 18:02	0°♐	
max. Earth dist.	-1460 Dec 14 j 19:03	6°♐35'10	1.41974 AU
superior conj	-1460 Dec 22 j 06:11	19°♐12'15	-1°-57'-42
minimum elong	-1460 Dec 22 j 04:04	19°♐03'05	1°57'40
	-1460 Dec 28 j 08:52	0°♑	
evening rise	-1459 Jan 02 j 07:15	8°♑57'11	
asc. node	-1459 Jan 13 j 22:53	29°♑03'18	
	-1459 Jan 14 j 14:30	0°♒	
evening max el	-1459 Jan 18 j 19:16	5°♒07'31	18°09'32
retrograde	-1459 Jan 25 j 14:19	8°♒35'01	
evening set	-1459 Jan 28 j 05:00	8°♒04'49	
inferior conj	-1459 Feb 03 j 23:59	3°♒09'27	3°52'22
minimum elong	-1459 Feb 04 j 01:00	3°♒07'05	3°52'18
min. Earth dist.	-1459 Feb 07 j 04:50	0°♒11'16	0.60809 AU
	-1459 Feb 07 j 09:57	30°℞♑	
morning rise	-1459 Feb 10 j 18:14	27°♑24'39	
direct	-1459 Feb 17 j 13:49	25°♑10'24	
desc. node	-1459 Feb 23 j 14:57	26°♑45'48	
	-1459 Feb 28 j 11:44	0°♒	
morning max el	-1459 Mar 03 j 18:04	2°♒56'18	27°34'24
	-1459 Mar 23 j 14:39	0°♓	
morning set	-1459 Apr 04 j 19:40	22°♓56'48	
	-1459 Apr 08 j 04:12	0°♈	
max. Earth dist.	-1459 Apr 11 j 02:51	6°♈21'49	1.32492 AU
asc. node	-1459 Apr 11 j 22:14	8°♈07'37	
superior conj	-1459 Apr 12 j 02:00	8°♈28'18	0°01'41
minimum elong	-1459 Apr 12 j 01:56	8°♈27'51	0°01'40
behind sun begin	-1459 Apr 11 j 20:54	8°♈00'23	
behind sun end	-1459 Apr 12 j 06:57	8°♈55'20	
evening rise	-1459 Apr 19 j 01:15	23°♈34'02	
	-1459 Apr 22 j 04:01	0°♉	
	-1459 May 10 j 11:05	0°♊	
evening max el	-1459 May 15 j 19:44	5°♊53'19	25°16'45
desc. node	-1459 May 22 j 14:10	11°♊01'19	
retrograde	-1459 May 29 j 20:34	13°♊02'48	
evening set	-1459 Jun 04 j 07:51	11°♊53'14	
min. Earth dist.	-1459 Jun 09 j 07:35	9°♊07'06	0.57839 AU
inferior conj	-1459 Jun 12 j 11:14	6°♊57'00	-4°-26'-42
minimum elong	-1459 Jun 12 j 08:15	7°♊02'10	4°26'26
morning rise	-1459 Jun 20 j 12:34	2°♊41'54	
direct	-1459 Jun 23 j 01:05	2°♊22'39	
morning max el	-1459 Jul 01 j 15:28	6°♊24'23	18°57'36
asc. node	-1459 Jul 08 j 21:28	15°♊43'52	
	-1459 Jul 16 j 19:03	0°♋	
morning set	-1459 Jul 18 j 06:28	2°♋53'13	
superior conj	-1459 Jul 26 j 18:58	19°♋33'48	1°47'53
minimum elong	-1459 Jul 26 j 19:25	19°♋35'53	1°47'54
	-1459 Aug 01 j 09:07	0°♌	
max. Earth dist.	-1459 Aug 02 j 13:20	2°♌07'23	1.38784 AU
evening rise	-1459 Aug 06 j 11:43	9°♌02'47	
desc. node	-1459 Aug 18 j 13:29	28°♌39'16	
	-1459 Aug 19 j 10:43	0°♍	
evening max el	-1459 Sep 11 j 00:17	29°♍27'13	24°29'45
	-1459 Sep 11 j 13:42	0°♎	
retrograde	-1459 Sep 22 j 08:00	6°♎04'41	
evening set	-1459 Sep 27 j 18:55	3°♎47'11	
	-1459 Oct 01 j 06:16	30°℞♍	
min. Earth dist.	-1459 Oct 02 j 11:40	28°♍23'38	0.67331 AU
inferior conj	-1459 Oct 03 j 05:14	27°♍24'49	0°-33'-53
minimum elong	-1459 Oct 03 j 06:04	27°♍22'03	0°33'34
asc. node	-1459 Oct 04 j 20:37	25°♍15'37	
morning rise	-1459 Oct 08 j 17:33	21°♍18'13	
direct	-1459 Oct 12 j 10:01	20°♍00'14	
morning max el	-1459 Oct 20 j 05:42	24°♍31'45	20°17'11
	-1459 Oct 24 j 22:38	0°♎	
greatest brilliancy	-1459 Oct 26 j 23:01	2°♎39'14	-0.6m
	-1459 Nov 14 j 11:28	0°♏	
desc. node	-1459 Nov 14 j 12:49	0°♏05'12	
morning set	-1459 Nov 16 j 14:36	3°♏17'16	
max. Earth dist.	-1459 Nov 27 j 03:55	19°♏54'11	1.43593 AU
superior conj	-1459 Dec 02 j 22:27	29°♏16'57	-1°-41'-47
minimum elong	-1459 Dec 02 j 15:58	28°♏50'18	1°41'20
	-1459 Dec 03 j 08:53	0°♐	
evening rise	-1459 Dec 15 j 17:08	20°♐57'58	
	-1459 Dec 20 j 22:08	0°♑	
asc. node	-1459 Dec 31 j 19:54	16°♑43'03	
evening max el	-1458 Jan 02 j 07:28	18°♑20'13	18°10'48
retrograde	-1458 Jan 08 j 19:59	21°♑47'59	
evening set	-1458 Jan 11 j 14:24	21°♑09'11	
inferior conj	-1458 Jan 17 j 22:07	15°♑52'55	3°52'47
minimum elong	-1458 Jan 17 j 21:00	15°♑55'53	3°52'41
min. Earth dist.	-1458 Jan 20 j 14:19	13°♑03'40	0.62775 AU
morning rise	-1458 Jan 24 j 01:39	9°♑55'26	
direct	-1458 Jan 31 j 02:06	7°♑15'24	
desc. node	-1458 Feb 10 j 12:00	11°♑55'09	
morning max el	-1458 Feb 14 j 00:02	15°♑05'06	27°44'55
	-1458 Feb 26 j 04:43	0°♒	
	-1458 Mar 16 j 03:46	0°♓	
morning set	-1458 Mar 19 j 21:18	7°♓20'11	
max. Earth dist.	-1458 Mar 25 j 11:13	18°♓56'46	1.32906 AU
superior conj	-1458 Mar 27 j 11:13	23°♓14'40	0°-24'-24
minimum elong	-1458 Mar 27 j 12:22	23°♓20'50	0°24'10
asc. node	-1458 Mar 29 j 19:16	28°♓18'12	
	-1458 Mar 30 j 14:03	0°♈	
evening rise	-1458 Apr 03 j 13:02	8°♈29'07	
	-1458 Apr 14 j 20:07	0°♉	
evening max el	-1458 Apr 27 j 10:43	16°♉35'36	23°45'49
desc. node	-1458 May 09 j 11:10	23°♉21'21	
retrograde	-1458 May 11 j 04:01	23°♉27'58	
evening set	-1458 May 15 j 05:25	22°♉51'33	
min. Earth dist.	-1458 May 21 j 21:38	19°♉42'47	0.56179 AU
inferior conj	-1458 May 24 j 03:57	18°♉20'24	-3°-39'-37
minimum elong	-1458 May 23 j 21:29	18°♉30'14	3°38'10
morning rise	-1458 Jun 01 j 17:17	14°♉21'47	
direct	-1458 Jun 04 j 07:41	14°♉04'37	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1458 Jun 14 j 09:52	18°♉44'41	19°58'54	
	-1458 Jun 23 j 02:31	0°♊		
asc. node	-1458 Jun 25 j 18:33	4°♊34'26		
morning set	-1458 Jul 02 j 09:33	17°♊21'27		
	-1458 Jul 08 j 14:39	0°♋		
superior conj	-1458 Jul 10 j 06:47	3°♋21'41	1°45'23	
minimum elong	-1458 Jul 10 j 05:30	3°♋15'19	1°45'22	
max. Earth dist.	-1458 Jul 15 j 17:09	13°♋57'39	1.36878 AU	
evening rise	-1458 Jul 19 j 15:53	21°♋17'21		
	-1458 Jul 24 j 14:29	0°♌		
desc. node	-1458 Aug 05 j 10:30	18°♌53'21		
	-1458 Aug 13 j 08:15	0°♍		
evening max el	-1458 Aug 24 j 11:18	13°♍01'15	25°42'47	
retrograde	-1458 Sep 05 j 17:41	20°♍03'42		
evening set	-1458 Sep 11 j 19:24	17°♍30'14		
min. Earth dist.	-1458 Sep 16 j 03:47	12°♍43'02	0.66768 AU	
inferior conj	-1458 Sep 17 j 08:25	11°♍11'30	-1°-28'-54	
minimum elong	-1458 Sep 17 j 10:36	11°♍04'31	1°28'01	
asc. node	-1458 Sep 21 j 17:41	6°♍14'56		
morning rise	-1458 Sep 23 j 02:32	5°♍13'42		
direct	-1458 Sep 26 j 08:17	4°♍13'04		
morning max el	-1458 Oct 03 j 10:56	8°♍14'56	19°16'47	
greatest brilliancy	-1458 Oct 13 j 22:47	22°♍06'21	-0.7m	
	-1458 Oct 19 j 03:12	0°♎		
morning set	-1458 Oct 26 j 18:05	11°♎50'52		
desc. node	-1458 Nov 01 j 09:50	20°♎41'16		
	-1458 Nov 07 j 08:20	0°♏		
max. Earth dist.	-1458 Nov 09 j 18:30	3°♏49'14	1.44625 AU	
superior conj	-1458 Nov 12 j 12:34	8°♏10'49	-1°-8'-1	
minimum elong	-1458 Nov 12 j 04:59	7°♏40'45	1°07'12	
	-1458 Nov 26 j 00:15	0°♐		
evening rise	-1458 Nov 27 j 05:52	2°♐02'11		
	-1458 Dec 15 j 06:51	0°♑		
evening max el	-1458 Dec 16 j 19:42	1°♑41'44	18°30'47	
asc. node	-1458 Dec 18 j 16:55	3°♑24'22		
retrograde	-1458 Dec 23 j 10:09	5°♑20'46		
evening set	-1458 Dec 26 j 09:16	4°♑32'05		
	-1458 Dec 31 j 10:45	30°℞♐		
inferior conj	-1457 Jan 01 j 08:29	28°♐57'01	3°35'23	
minimum elong	-1457 Jan 01 j 06:03	29°♐04'07	3°34'58	
min. Earth dist.	-1457 Jan 03 j 09:39	26°♐33'21	0.64459 AU	
morning rise	-1457 Jan 07 j 01:31	22°♐51'09		
direct	-1457 Jan 13 j 21:53	20°♐00'11		
morning max el	-1457 Jan 27 j 09:03	27°♐45'59	27°20'03	
desc. node	-1457 Jan 28 j 09:02	28°♐47'06		
	-1457 Jan 29 j 12:28	0°♑		
	-1457 Feb 19 j 21:24	0°♒		
morning set	-1457 Mar 03 j 14:34	21°♒14'02		
	-1457 Mar 07 j 23:27	0°♓		
max. Earth dist.	-1457 Mar 08 j 11:16	1°♓00'46	1.33733 AU	
superior conj	-1457 Mar 11 j 16:27	7°♓44'18	0°-50'-27	
minimum elong	-1457 Mar 11 j 18:47	7°♓56'38	0°50'01	
asc. node	-1457 Mar 16 j 16:18	18°♓22'12		
evening rise	-1457 Mar 19 j 00:03	23°♓16'34		
	-1457 Mar 22 j 06:45	0°♈		
evening max el	-1457 Apr 09 j 04:10	27°♈15'30	22°11'25	
	-1457 Apr 12 j 09:53	0°♉		
retrograde	-1457 Apr 21 j 23:16	3°♉31'04		
evening set	-1457 Apr 24 j 19:21	3°♉13'17		
desc. node	-1457 Apr 26 j 08:11	2°♉49'43		
	-1457 May 02 j 13:32	30°℞♈		
min. Earth dist.	-1457 May 03 j 11:03	29°♈29'53	0.55202 AU	
inferior conj	-1457 May 04 j 04:08	29°♈05'45	-2°-9'-20	
minimum elong	-1457 May 03 j 22:30	29°♈13'43	2°07'31	
morning rise	-1457 May 13 j 03:19	25°♈10'06		
direct	-1457 May 15 j 22:54	24°♈52'12		
	-1457 May 27 j 07:12	0°♉		
morning max el	-1457 May 27 j 17:18	0°♉23'06	21°19'41	
asc. node	-1457 Jun 12 j 15:36	23°♉54'38		
	-1457 Jun 15 j 16:53	0°♊		
morning set	-1457 Jun 16 j 17:34	2°♊06'42		
superior conj	-1457 Jun 24 j 04:34	17°♊41'11	1°35'57	
minimum elong	-1457 Jun 24 j 02:19	17°♊29'30	1°35'46	
max. Earth dist.	-1457 Jun 28 j 04:08	25°♊48'24	1.35249 AU	
	-1457 Jun 30 j 07:01	0°♋		
evening rise	-1457 Jul 02 j 14:46	4°♋28'36		
	-1457 Jul 17 j 10:07	0°♌		
desc. node	-1457 Jul 23 j 07:29	8°♌45'26		
evening max el	-1457 Aug 06 j 22:56	26°♌34'32	26°41'06	
	-1457 Aug 10 j 21:21	0°♍		
retrograde	-1457 Aug 19 j 22:21	3°♍50'32		
evening set	-1457 Aug 26 j 13:27	1°♍06'52		
	-1457 Aug 27 j 19:06	30°℞♌		
min. Earth dist.	-1457 Aug 30 j 14:08	26°♌57'33	0.65862 AU	
inferior conj	-1457 Sep 01 j 06:55	24°♌55'43	-2°-22'-40	
minimum elong	-1457 Sep 01 j 10:21	24°♌45'27	2°21'25	
morning rise	-1457 Sep 07 j 08:24	19°♌09'50		
asc. node	-1457 Sep 08 j 14:45	18°♌37'46		
direct	-1457 Sep 10 j 05:52	18°♌22'50		
morning max el	-1457 Sep 16 j 22:02	22°♌04'00	18°32'03	
	-1457 Sep 23 j 04:12	0°♍		
morning set	-1457 Oct 06 j 21:59	21°♍39'24		
	-1457 Oct 12 j 02:40	0°♎		
desc. node	-1457 Oct 19 j 06:51	11°♎23'59		
superior conj	-1457 Oct 22 j 12:47	16°♎31'16	0°-20'-56	
minimum elong	-1457 Oct 22 j 10:01	16°♎20'20	0°20'35	
max. Earth dist.	-1457 Oct 23 j 12:27	18°♎04'24	1.44957 AU	
	-1457 Oct 31 j 02:30	0°♏		
evening rise	-1457 Nov 07 j 18:30	12°♏05'49		
	-1457 Nov 19 j 03:18	0°♐		
evening max el	-1457 Nov 30 j 05:39	15°♐07'59	19°08'16	
asc. node	-1457 Dec 05 j 13:57	18°♐52'40		
retrograde	-1457 Dec 07 j 05:15	19°♐07'37		
evening set	-1457 Dec 10 j 10:40	18°♐07'13		
inferior conj	-1457 Dec 16 j 03:41	12°♐15'55	3°05'26	
minimum elong	-1457 Dec 16 j 00:46	12°♐25'08	3°04'41	
min. Earth dist.	-1457 Dec 17 j 14:08	10°♐27'10	0.65780 AU	
morning rise	-1457 Dec 21 j 13:58	6°♐04'29		
direct	-1457 Dec 27 j 23:58	3°♐16'55		
morning max el	-1456 Jan 09 j 18:33	10°♐47'12	26°25'47	
desc. node	-1456 Jan 15 j 06:06	16°♐52'15		
	-1456 Jan 25 j 02:16	0°♑		
	-1456 Feb 12 j 10:12	0°♒		
morning set	-1456 Feb 14 j 19:46	4°♒26'51		
max. Earth dist.	-1456 Feb 19 j 00:01	12°♒29'28	1.35012 AU	
superior conj	-1456 Feb 23 j 15:28	21°♒50'24	-1°-15'-7	
minimum elong	-1456 Feb 23 j 18:44	22°♒07'11	1°14'39	
	-1456 Feb 27 j 13:56	0°♓		
evening rise	-1456 Mar 02 j 08:28	7°♓50'29		
asc. node	-1456 Mar 02 j 13:19	8°♓15'23		
	-1456 Mar 14 j 11:20	0°♈		
evening max el	-1456 Mar 21 j 06:10	8°♈19'27	20°45'55	
retrograde	-1456 Apr 01 j 12:14	13°♈43'30		
evening set	-1456 Apr 03 j 18:22	13°♈31'21		
desc. node	-1456 Apr 12 j 05:14	9°♈59'05		
inferior conj	-1456 Apr 12 j 22:47	9°♈34'02	0°-12'-25	
minimum elong	-1456 Apr 12 j 22:12	9°♈34'52	0°12'14	
transit middle	-1456 Apr 12 j 22:12	9°♈34'52	0°12'14	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

transit begin	-1456 Apr 12 j 19:36	9°♈38'35	
transit end	-1456 Apr 13 j 00:47	9°♈31'09	
min. Earth dist.	-1456 Apr 14 j 00:40	8°♈56'58	0.55146 AU
morning rise	-1456 Apr 22 j 00:40	5°♈23'27	
direct	-1456 Apr 25 j 10:25	4°♈58'18	
morning max el	-1456 May 08 j 14:35	11°♈21'05	22°55'09
	-1456 May 22 j 09:17	0°♉	
asc. node	-1456 May 29 j 12:39	13°♉36'22	
morning set	-1456 May 31 j 04:30	17°♉02'30	
	-1456 Jun 06 j 06:33	0°♊	
superior conj	-1456 Jun 07 j 09:08	2°♊21'49	1°21'12
minimum elong	-1456 Jun 07 j 06:34	2°♊08'10	1°20'52
max. Earth dist.	-1456 Jun 10 j 01:08	7°♊59'38	1.33987 AU
evening rise	-1456 Jun 15 j 03:26	18°♊21'50	
	-1456 Jun 21 j 07:03	0°♋	
desc. node	-1456 Jul 09 j 04:31	28°♋05'33	
	-1456 Jul 10 j 15:36	0°♌	
evening max el	-1456 Jul 19 j 10:37	9°♌56'38	27°17'01
retrograde	-1456 Aug 01 j 21:20	17°♌16'59	
evening set	-1456 Aug 08 j 22:23	14°♌32'10	
min. Earth dist.	-1456 Aug 12 j 16:25	10°♌59'53	0.64594 AU
inferior conj	-1456 Aug 14 j 22:27	8°♌32'15	-3°-12'-48
minimum elong	-1456 Aug 15 j 02:43	8°♌20'33	3°11'31
morning rise	-1456 Aug 21 j 08:41	3°♌01'45	
direct	-1456 Aug 24 j 00:21	2°♌24'56	
asc. node	-1456 Aug 25 j 11:50	2°♌36'26	
morning max el	-1456 Aug 30 j 12:36	5°♌53'41	18°04'13
	-1456 Sep 15 j 13:43	0°♍	
morning set	-1456 Sep 17 j 05:59	2°♍49'47	
superior conj	-1456 Sep 30 j 21:07	25°♍19'28	0°27'41
minimum elong	-1456 Oct 01 j 00:19	25°♍32'20	0°27'16
	-1456 Oct 03 j 19:13	0°♎	
desc. node	-1456 Oct 05 j 03:52	2°♎09'42	
max. Earth dist.	-1456 Oct 05 j 06:49	2°♎21'24	1.44556 AU
evening rise	-1456 Oct 17 j 09:31	21°♎17'04	
	-1456 Oct 23 j 01:29	0°♏	
greatest brilliancy	-1456 Nov 05 j 08:58	19°♏46'25	-0.6m
evening max el	-1456 Nov 12 j 11:10	28°♏35'19	20°01'32
	-1456 Nov 13 j 22:10	0°♐	
retrograde	-1456 Nov 20 j 02:32	3°♐03'49	
asc. node	-1456 Nov 21 j 11:01	2°♐53'18	
evening set	-1456 Nov 23 j 16:11	1°♐49'32	
	-1456 Nov 25 j 18:00	30°℞♏	
inferior conj	-1456 Nov 29 j 04:55	25°♏44'55	2°26'29
minimum elong	-1456 Nov 29 j 02:09	25°♏54'07	2°25'34
min. Earth dist.	-1456 Nov 30 j 02:03	24°♏34'30	0.66718 AU
morning rise	-1456 Dec 04 j 11:32	19°♏30'09	
direct	-1456 Dec 10 j 07:30	16°♏56'38	
morning max el	-1456 Dec 22 j 03:15	23°♏58'13	25°10'57
	-1456 Dec 27 j 13:08	0°♐	
desc. node	-1455 Jan 01 j 03:09	5°♐48'47	
	-1455 Jan 17 j 12:12	0°♑	
morning set	-1455 Jan 27 j 07:53	16°♑44'05	
max. Earth dist.	-1455 Jan 31 j 01:47	23°♑35'20	1.36721 AU
	-1455 Feb 03 j 10:51	0°♒	
superior conj	-1455 Feb 06 j 05:21	5°♒24'30	-1°-36'-40
minimum elong	-1455 Feb 06 j 08:56	5°♒42'13	1°36'19
evening rise	-1455 Feb 14 j 12:13	22°♒04'34	
asc. node	-1455 Feb 17 j 10:21	27°♒52'59	
	-1455 Feb 18 j 12:35	0°♓	
evening max el	-1455 Mar 03 j 19:07	19°♓59'55	19°36'53
retrograde	-1455 Mar 13 j 08:12	24°♓33'44	
evening set	-1455 Mar 15 j 13:05	24°♓20'14	
inferior conj	-1455 Mar 24 j 02:20	20°♓15'54	1°38'04
minimum elong	-1455 Mar 24 j 06:07	20°♓09'51	1°36'52
min. Earth dist.	-1455 Mar 26 j 15:04	18°♓39'47	0.56015 AU
desc. node	-1455 Mar 30 j 02:18	16°♓42'57	
morning rise	-1455 Apr 01 j 19:42	15°♓36'05	
direct	-1455 Apr 06 j 05:40	14°♓52'24	
morning max el	-1455 Apr 20 j 06:03	21°♓55'44	24°35'19
	-1455 Apr 27 j 07:22	0°♈	
	-1455 May 14 j 16:59	0°♉	
morning set	-1455 May 15 j 16:37	2°♉03'24	
asc. node	-1455 May 16 j 09:42	3°♉33'34	
superior conj	-1455 May 22 j 18:04	17°♉16'05	1°02'24
minimum elong	-1455 May 22 j 15:44	17°♉03'25	1°02'00
max. Earth dist.	-1455 May 24 j 06:51	20°♉34'57	1.33106 AU
	-1455 May 28 j 17:42	0°♊	
evening rise	-1455 May 30 j 01:54	2°♊45'05	
	-1455 Jun 14 j 02:58	0°♋	
desc. node	-1455 Jun 26 j 01:33	16°♋40'14	
evening max el	-1455 Jul 01 j 20:18	22°♋54'35	27°24'07
	-1455 Jul 13 j 07:00	0°♌	
retrograde	-1455 Jul 15 j 14:10	0°♌14'39	
	-1455 Jul 17 j 19:57	30°℞♋	
evening set	-1455 Jul 22 j 18:49	27°♋40'53	
min. Earth dist.	-1455 Jul 26 j 08:51	24°♋40'07	0.62963 AU
inferior conj	-1455 Jul 29 j 04:13	21°♋55'11	-3°-55'-45
minimum elong	-1455 Jul 29 j 08:29	21°♋44'42	3°54'50
morning rise	-1455 Aug 05 j 00:25	16°♋43'32	
direct	-1455 Aug 07 j 12:41	16°♋14'03	
asc. node	-1455 Aug 12 j 08:54	18°♋05'00	
morning max el	-1455 Aug 14 j 03:59	19°♋38'45	17°54'14
	-1455 Aug 21 j 19:18	0°♌	
morning set	-1455 Aug 30 j 13:36	15°♌08'00	
	-1455 Sep 08 j 02:02	0°♍	
superior conj	-1455 Sep 11 j 06:02	5°♍21'53	1°06'52
minimum elong	-1455 Sep 11 j 11:20	5°♍44'08	1°06'15
max. Earth dist.	-1455 Sep 17 j 22:15	16°♍21'20	1.43477 AU
desc. node	-1455 Sep 22 j 00:54	22°♍55'39	
evening rise	-1455 Sep 26 j 15:23	0°♎08'20	
	-1455 Sep 26 j 13:14	0°♎	
	-1455 Oct 16 j 18:37	0°♏	
greatest brilliancy	-1455 Oct 21 j 02:30	5°♏47'20	-0.5m
evening max el	-1455 Oct 26 j 10:55	12°♏02'28	21°07'58
retrograde	-1455 Nov 03 j 23:47	17°♏06'25	
evening set	-1455 Nov 07 j 23:44	15°♏36'05	
asc. node	-1455 Nov 08 j 08:05	15°♏19'32	
inferior conj	-1455 Nov 13 j 09:52	9°♏21'35	1°40'59
minimum elong	-1455 Nov 13 j 07:44	9°♏28'54	1°40'08
min. Earth dist.	-1455 Nov 13 j 19:16	8°♏49'17	0.67301 AU
morning rise	-1455 Nov 18 j 15:23	3°♏05'34	
direct	-1455 Nov 23 j 19:54	0°♏52'13	
morning max el	-1455 Dec 04 j 12:01	7°♏13'51	23°45'17
desc. node	-1455 Dec 19 j 00:11	25°♏21'45	
	-1455 Dec 22 j 05:45	0°♐	
morning set	-1454 Jan 08 j 20:42	27°♐48'36	
	-1454 Jan 10 j 03:23	0°♑	
max. Earth dist.	-1454 Jan 12 j 21:28	4°♑48'15	1.38743 AU
superior conj	-1454 Jan 20 j 06:13	18°♑15'21	-1°-52'-37
minimum elong	-1454 Jan 20 j 08:59	18°♑28'21	1°52'29
	-1454 Jan 26 j 08:48	0°♒	
evening rise	-1454 Jan 29 j 08:40	5°♒50'49	
asc. node	-1454 Feb 04 j 07:24	17°♒08'13	
	-1454 Feb 12 j 15:46	0°♓	
evening max el	-1454 Feb 14 j 18:00	2°♓15'16	18°47'13
retrograde	-1454 Feb 22 j 20:51	6°♓11'08	
evening set	-1454 Feb 25 j 05:14	5°♓52'40	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1454 Mar 05 j 00:25	1°♓31'13	2°57'41
minimum elong	-1454 Mar 05 j 04:50	1°♓23'03	2°56'40
	-1454 Mar 07 j 01:39	30°℞♒	
min. Earth dist.	-1454 Mar 08 j 07:36	29°♒06'08	0.57609 AU
morning rise	-1454 Mar 13 j 00:26	26°♒19'54	
desc. node	-1454 Mar 16 j 23:21	25°♒10'34	
direct	-1454 Mar 18 j 14:07	25°♒04'08	
	-1454 Mar 30 j 01:01	0°♓	
morning max el	-1454 Apr 01 j 21:48	2°♓33'11	26°05'44
	-1454 Apr 21 j 11:17	0°♈	
morning set	-1454 Apr 30 j 04:10	17°♈02'14	
asc. node	-1454 May 03 j 06:45	23°♈40'07	
	-1454 May 06 j 04:27	0°♉	
superior conj	-1454 May 07 j 05:16	2°♉15'54	0°40'30
minimum elong	-1454 May 07 j 03:34	2°♉06'40	0°40'10
max. Earth dist.	-1454 May 07 j 18:02	3°♉25'47	1.32586 AU
evening rise	-1454 May 14 j 06:58	17°♉27'09	
	-1454 May 20 j 14:59	0°♊	
	-1454 Jun 09 j 03:17	0°♋	
desc. node	-1454 Jun 12 j 22:36	4°♋09'33	
evening max el	-1454 Jun 14 j 01:21	5°♋15'08	26°58'47
retrograde	-1454 Jun 28 j 00:12	12°♋33'31	
evening set	-1454 Jul 04 j 22:30	10°♋24'52	
min. Earth dist.	-1454 Jul 08 j 15:06	7°♋43'21	0.61030 AU
inferior conj	-1454 Jul 11 j 20:54	4°♋55'45	-4°-26'-6
minimum elong	-1454 Jul 11 j 23:43	4°♋49'40	4°25'49
morning rise	-1454 Jul 19 j 03:56	0°♋05'45	
	-1454 Jul 19 j 11:30	30°℞♊	
direct	-1454 Jul 21 j 14:57	29°♊41'26	
	-1454 Jul 23 j 17:26	0°♋	
morning max el	-1454 Jul 28 j 17:17	3°♋11'33	18°03'05
asc. node	-1454 Jul 30 j 05:58	4°♋48'31	
morning set	-1454 Aug 13 j 14:57	28°♋17'18	
	-1454 Aug 14 j 13:07	0°♌	
superior conj	-1454 Aug 23 j 18:18	16°♌45'40	1°32'30
minimum elong	-1454 Aug 23 j 22:22	17°♌03'36	1°32'11
	-1454 Aug 31 j 11:26	0°♍	
max. Earth dist.	-1454 Aug 31 j 08:07	29°♌46'13	1.41860 AU
evening rise	-1454 Sep 06 j 06:39	9°♍27'50	
desc. node	-1454 Sep 08 j 21:57	13°♍38'31	
	-1454 Sep 19 j 16:37	0°♎	
greatest brilliancy	-1454 Oct 04 j 10:46	20°♎09'36	-0.3m
evening max el	-1454 Oct 09 j 04:49	25°♎30'13	22°23'58
	-1454 Oct 14 j 17:44	0°♏	
retrograde	-1454 Oct 18 j 19:18	1°♏12'53	
	-1454 Oct 22 j 12:29	30°℞♎	
evening set	-1454 Oct 23 j 07:32	29°♎24'46	
asc. node	-1454 Oct 26 j 05:08	26°♎22'56	
inferior conj	-1454 Oct 28 j 16:36	23°♎04'07	0°50'49
minimum elong	-1454 Oct 28 j 15:27	23°♎08'07	0°50'19
min. Earth dist.	-1454 Oct 28 j 15:22	23°♎08'22	0.67557 AU
morning rise	-1454 Nov 02 j 23:14	16°♎49'23	
direct	-1454 Nov 07 j 12:38	14°♎58'17	
morning max el	-1454 Nov 16 j 23:36	20°♎34'39	22°18'25
greatest brilliancy	-1454 Nov 21 j 15:48	25°♎50'23	-0.3m
	-1454 Nov 24 j 22:35	0°♏	
desc. node	-1454 Dec 05 j 21:14	15°♏21'04	
	-1454 Dec 15 j 12:14	0°♐	
morning set	-1454 Dec 20 j 04:58	7°♐29'16	
max. Earth dist.	-1454 Dec 25 j 18:31	16°♐40'44	1.40841 AU
	-1453 Jan 02 j 10:44	0°♑	
superior conj	-1453 Jan 02 j 13:15	0°♑11'14	-1°-59'-29
minimum elong	-1453 Jan 02 j 13:27	0°♑12'06	1°59'31
evening rise	-1453 Jan 12 j 18:45	19°♑02'11	
	-1453 Jan 18 j 17:31	0°♒	
asc. node	-1453 Jan 22 j 04:27	5°♒53'52	
evening max el	-1453 Jan 29 j 00:26	14°♒59'21	18°17'38
retrograde	-1453 Feb 05 j 03:55	18°♒32'47	
evening set	-1453 Feb 07 j 16:21	18°♒07'17	
inferior conj	-1453 Feb 14 j 19:18	13°♒24'51	3°41'18
minimum elong	-1453 Feb 14 j 21:45	13°♒19'35	3°40'59
min. Earth dist.	-1453 Feb 18 j 04:37	10°♒31'18	0.59608 AU
morning rise	-1453 Feb 21 j 23:46	7°♒49'46	
direct	-1453 Feb 28 j 11:34	5°♒55'19	
desc. node	-1453 Mar 03 j 20:23	6°♒24'48	
morning max el	-1453 Mar 14 j 18:19	13°♒37'59	27°11'37
	-1453 Mar 27 j 19:41	0°♓	
	-1453 Apr 13 j 15:39	0°♈	
morning set	-1453 Apr 14 j 13:27	1°♈52'42	
asc. node	-1453 Apr 20 j 03:48	13°♈51'30	
superior conj	-1453 Apr 21 j 17:00	17°♈15'10	0°16'19
minimum elong	-1453 Apr 21 j 16:16	17°♈11'10	0°16'11
max. Earth dist.	-1453 Apr 21 j 07:00	16°♈20'22	1.32419 AU
	-1453 Apr 27 j 13:46	0°♉	
evening rise	-1453 Apr 28 j 16:11	2°♉19'47	
	-1453 May 13 j 16:35	0°♊	
evening max el	-1453 May 27 j 00:03	16°♊52'01	26°01'39
desc. node	-1453 May 30 j 19:37	20°♊06'38	
retrograde	-1453 Jun 10 j 01:46	24°♊06'35	
evening set	-1453 Jun 16 j 05:08	22°♊34'37	
min. Earth dist.	-1453 Jun 20 j 12:47	19°♊54'53	0.58971 AU
inferior conj	-1453 Jun 23 j 20:54	17°♊24'56	-4°-35'-25
minimum elong	-1453 Jun 23 j 20:24	17°♊25'51	4°35'24
morning rise	-1453 Jul 01 j 15:24	12°♊57'25	
direct	-1453 Jul 04 j 02:52	12°♊36'44	
morning max el	-1453 Jul 12 j 01:25	16°♊23'30	18°31'43
asc. node	-1453 Jul 17 j 03:02	22°♊31'45	
	-1453 Jul 21 j 17:45	0°♋	
morning set	-1453 Jul 28 j 05:05	12°♋04'37	
superior conj	-1453 Aug 06 j 05:22	29°♋17'33	1°45'22
minimum elong	-1453 Aug 06 j 07:05	29°♋25'32	1°45'19
	-1453 Aug 06 j 14:30	0°♌	
max. Earth dist.	-1453 Aug 13 j 12:22	12°♌26'34	1.39934 AU
evening rise	-1453 Aug 17 j 20:34	19°♌51'36	
	-1453 Aug 24 j 02:03	0°♍	
desc. node	-1453 Aug 26 j 18:58	4°♍14'02	
	-1453 Sep 13 j 22:19	0°♎	
evening max el	-1453 Sep 21 j 18:21	9°♎00'11	23°44'19
retrograde	-1453 Oct 02 j 11:38	15°♎19'34	
evening set	-1453 Oct 07 j 13:53	13°♎12'51	
inferior conj	-1453 Oct 12 j 23:20	6°♎50'02	0°-2'-27
minimum elong	-1453 Oct 12 j 23:23	6°♎49'50	0°02'26
transit middle	-1453 Oct 12 j 23:23	6°♎49'50	0°02'26
transit begin	-1453 Oct 12 j 20:42	6°♎58'59	
transit end	-1453 Oct 13 j 02:04	6°♎40'41	
min. Earth dist.	-1453 Oct 12 j 11:52	7°♎29'07	0.67503 AU
asc. node	-1453 Oct 13 j 02:11	6°♎40'19	
morning rise	-1453 Oct 18 j 09:02	0°♎39'23	
	-1453 Oct 19 j 08:50	30°℞♍	
direct	-1453 Oct 22 j 08:38	29°♍09'51	
	-1453 Oct 25 j 13:13	0°♎	
morning max el	-1453 Oct 30 j 17:04	4°♎02'59	20°58'06
greatest brilliancy	-1453 Nov 05 j 09:09	10°♎40'47	-0.5m
	-1453 Nov 19 j 00:20	0°♏	
desc. node	-1453 Nov 22 j 18:16	5°♏38'49	
morning set	-1453 Nov 29 j 10:52	15°♏57'24	
max. Earth dist.	-1453 Dec 07 j 22:21	29°♏27'58	1.42722 AU
	-1453 Dec 08 j 06:12	0°♐	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1453 Dec 14 j 20:53	10°♐59'02	-1°-53'-5
minimum elong	-1453 Dec 14 j 16:50	10°♐41'53	1°52'55
	-1453 Dec 25 j 18:23	0°♑	
evening rise	-1453 Dec 26 j 14:36	1°♑30'19	
asc. node	-1452 Jan 09 j 01:28	24°♑00'34	
evening max el	-1452 Jan 12 j 11:22	28°♑03'37	18°07'49
	-1452 Jan 14 j 18:43	0°♒	
retrograde	-1452 Jan 19 j 02:25	1°♒29'27	
evening set	-1452 Jan 21 j 18:41	0°♒55'41	
	-1452 Jan 23 j 12:36	30°℞♑	
inferior conj	-1452 Jan 28 j 08:31	25°♑51'32	3°55'05
minimum elong	-1452 Jan 28 j 08:33	25°♑51'29	3°55'04
min. Earth dist.	-1452 Jan 31 j 08:44	22°♑54'26	0.61673 AU
morning rise	-1452 Feb 03 j 20:00	20°♑00'52	
direct	-1452 Feb 10 j 19:08	17°♑33'36	
desc. node	-1452 Feb 18 j 17:25	20°♑17'34	
morning max el	-1452 Feb 24 j 20:52	25°♑21'58	27°43'23
	-1452 Feb 29 j 03:49	0°♒	
	-1452 Mar 20 j 05:04	0°♓	
morning set	-1452 Mar 28 j 18:31	16°♓27'47	
max. Earth dist.	-1452 Apr 03 j 18:04	29°♓05'41	1.32613 AU
	-1452 Apr 04 j 04:06	0°♈	
superior conj	-1452 Apr 05 j 03:37	2°♈07'51	0°-9'-19
minimum elong	-1452 Apr 05 j 04:03	2°♈10'12	0°09'14
behind sun begin	-1452 Apr 04 j 23:53	1°♈47'28	
behind sun end	-1452 Apr 05 j 08:14	2°♈32'56	
asc. node	-1452 Apr 06 j 00:50	4°♈03'26	
evening rise	-1452 Apr 12 j 03:32	17°♈15'50	
	-1452 Apr 18 j 11:30	0°♉	
evening max el	-1452 May 07 j 17:01	27°♉50'05	24°39'39
	-1452 May 10 j 03:31	0°♊	
desc. node	-1452 May 16 j 16:37	3°♊56'52	
retrograde	-1452 May 21 j 16:14	4°♊53'52	
evening set	-1452 May 26 j 13:18	4°♊00'08	
min. Earth dist.	-1452 Jun 01 j 04:46	1°♊05'45	0.57066 AU
	-1452 Jun 02 j 21:30	30°℞♉	
inferior conj	-1452 Jun 04 j 01:18	29°♉14'21	-4°-12'-10
minimum elong	-1452 Jun 03 j 20:33	29°♉22'08	4°11'28
morning rise	-1452 Jun 12 j 07:43	25°♉06'59	
direct	-1452 Jun 14 j 20:53	24°♉48'46	
morning max el	-1452 Jun 24 j 01:31	29°♉05'28	19°21'04
	-1452 Jun 24 j 23:50	0°♊	
asc. node	-1452 Jul 03 j 00:06	11°♊01'27	
morning set	-1452 Jul 11 j 04:21	26°♊21'02	
	-1452 Jul 13 j 00:11	0°♋	
superior conj	-1452 Jul 19 j 09:38	12°♋42'21	1°47'48
minimum elong	-1452 Jul 19 j 09:16	12°♋40'31	1°47'49
max. Earth dist.	-1452 Jul 25 j 15:08	24°♋31'35	1.37956 AU
	-1452 Jul 28 j 15:46	0°♌	
evening rise	-1452 Jul 29 j 11:49	1°♌28'50	
desc. node	-1452 Aug 12 j 15:59	24°♌38'01	
	-1452 Aug 16 j 06:58	0°♍	
evening max el	-1452 Sep 03 j 05:56	22°♍34'22	25°02'06
retrograde	-1452 Sep 14 j 23:50	29°♍23'08	
evening set	-1452 Sep 20 j 17:03	26°♍58'40	
min. Earth dist.	-1452 Sep 25 j 06:16	21°♍50'09	0.67140 AU
inferior conj	-1452 Sep 26 j 04:21	20°♍37'32	0°-57'-15
minimum elong	-1452 Sep 26 j 05:45	20°♍32'55	0°56'40
asc. node	-1452 Sep 28 j 23:14	17°♍08'58	
morning rise	-1452 Oct 01 j 18:55	14°♍34'07	
direct	-1452 Oct 05 j 06:39	13°♍23'44	
morning max el	-1452 Oct 12 j 18:06	17°♍41'15	19°49'33
greatest brilliancy	-1452 Oct 20 j 13:34	27°♍25'40	-0.6m
	-1452 Oct 22 j 08:58	0°♎	
morning set	-1452 Nov 07 j 08:05	24°♎08'41	
desc. node	-1452 Nov 08 j 15:18	26°♎09'38	
	-1452 Nov 11 j 02:34	0°♏	
max. Earth dist.	-1452 Nov 19 j 10:06	13°♏05'05	1.44124 AU
superior conj	-1452 Nov 24 j 01:27	20°♏31'40	-1°-29'-34
minimum elong	-1452 Nov 23 j 17:49	20°♏00'49	1°28'53
	-1452 Nov 29 j 20:24	0°♐	
evening rise	-1452 Dec 07 j 15:55	13°♐07'29	
	-1452 Dec 17 j 17:07	0°♑	
asc. node	-1452 Dec 25 j 22:29	11°♑17'01	
evening max el	-1452 Dec 25 j 23:55	11°♑20'42	18°17'06
retrograde	-1451 Jan 01 j 12:06	14°♑51'39	
evening set	-1451 Jan 04 j 08:30	14°♑08'38	
inferior conj	-1451 Jan 10 j 12:16	8°♑44'00	3°47'10
minimum elong	-1451 Jan 10 j 10:29	8°♑48'56	3°46'57
min. Earth dist.	-1451 Jan 12 j 22:07	6°♑04'17	0.63540 AU
morning rise	-1451 Jan 16 j 10:52	2°♑42'49	
	-1451 Jan 22 j 09:21	30°℞♐	
direct	-1451 Jan 23 j 10:39	29°♐56'24	
	-1451 Jan 24 j 12:21	0°♑	
desc. node	-1451 Feb 04 j 14:28	6°♑14'19	
morning max el	-1451 Feb 06 j 04:16	7°♑44'38	27°38'25
	-1451 Feb 23 j 08:40	0°♒	
	-1451 Mar 12 j 09:03	0°♓	
morning set	-1451 Mar 12 j 16:55	0°♓39'08	
max. Earth dist.	-1451 Mar 17 j 23:23	11°♓28'28	1.33204 AU
superior conj	-1451 Mar 20 j 11:22	16°♓47'29	0°-35'-31
minimum elong	-1451 Mar 20 j 13:02	16°♓56'24	0°35'12
asc. node	-1451 Mar 23 j 21:51	24°♓11'24	
	-1451 Mar 26 j 14:56	0°♈	
evening rise	-1451 Mar 27 j 15:12	2°♈08'17	
	-1451 Apr 12 j 04:28	0°♉	
evening max el	-1451 Apr 19 j 08:17	8°♉27'35	23°05'21
retrograde	-1451 May 02 j 17:47	15°♉06'12	
desc. node	-1451 May 03 j 13:38	15°♉04'40	
evening set	-1451 May 06 j 05:33	14°♉39'32	
min. Earth dist.	-1451 May 13 j 18:01	11°♉17'59	0.55660 AU
inferior conj	-1451 May 15 j 10:06	10°♉19'43	-3°-6'-13
minimum elong	-1451 May 15 j 03:18	10°♉29'37	3°04'23
morning rise	-1451 May 24 j 04:06	6°♉24'31	
direct	-1451 May 26 j 20:18	6°♉07'22	
morning max el	-1451 Jun 06 j 15:13	11°♉07'40	20°31'06
asc. node	-1451 Jun 19 j 21:09	0°♊05'35	
	-1451 Jun 19 j 19:57	0°♊	
morning set	-1451 Jun 25 j 09:51	10°♊57'36	
superior conj	-1451 Jul 03 j 02:09	26°♊45'03	1°42'08
minimum elong	-1451 Jul 03 j 00:23	26°♊36'02	1°42'02
	-1451 Jul 04 j 16:46	0°♋	
max. Earth dist.	-1451 Jul 07 j 21:55	6°♋20'59	1.36147 AU
evening rise	-1451 Jul 12 j 00:36	14°♋09'13	
	-1451 Jul 21 j 01:43	0°♌	
desc. node	-1451 Jul 30 j 12:59	14°♌43'53	
	-1451 Aug 11 j 00:52	0°♍	
evening max el	-1451 Aug 16 j 17:16	6°♍09'23	26°09'44
retrograde	-1451 Aug 29 j 07:14	13°♍18'02	
evening set	-1451 Sep 04 j 15:05	10°♍39'19	
min. Earth dist.	-1451 Sep 08 j 20:09	6°♍08'18	0.66439 AU
inferior conj	-1451 Sep 10 j 05:48	4°♍23'37	-1°-51'-57
minimum elong	-1451 Sep 10 j 08:33	4°♍15'05	1°50'53
	-1451 Sep 14 j 03:38	30°℞♌	
asc. node	-1451 Sep 15 j 20:18	28°♌40'40	
morning rise	-1451 Sep 16 j 02:53	28°♌30'36	
direct	-1451 Sep 19 j 04:54	27°♌36'07	
	-1451 Sep 24 j 12:28	0°♍	
morning max el	-1451 Sep 26 j 02:07	1°♍27'36	18°55'43

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1451 Oct 15 j 20:11	0°♎	
morning set	-1451 Oct 17 j 20:41	3°♎11'25	
desc. node	-1451 Oct 26 j 12:21	16°♎49'06	
max. Earth dist.	-1451 Nov 02 j 03:06	27°♎13'15	1.44864 AU
superior conj	-1451 Nov 03 j 07:19	29°♎04'25	0°-49'-4
minimum elong	-1451 Nov 03 j 01:11	28°♎40'14	0°48'19
	-1451 Nov 03 j 21:25	0°♏	
evening rise	-1451 Nov 18 j 18:38	23°♏46'34	
	-1451 Nov 22 j 14:43	0°♐	
evening max el	-1451 Dec 09 j 11:27	24°♐44'45	18°44'38
asc. node	-1451 Dec 12 j 19:30	27°♐29'25	
retrograde	-1451 Dec 16 j 04:54	28°♐31'33	
evening set	-1451 Dec 19 j 06:32	27°♐38'00	
inferior conj	-1451 Dec 25 j 02:48	21°♐55'21	3°23'58
minimum elong	-1451 Dec 25 j 00:05	22°♐03'37	3°23'23
min. Earth dist.	-1451 Dec 26 j 21:27	19°♐46'08	0.65067 AU
morning rise	-1451 Dec 30 j 16:34	15°♐46'49	
direct	-1450 Jan 06 j 08:59	12°♐56'07	
morning max el	-1450 Jan 19 j 13:58	20°♐36'33	27°00'11
desc. node	-1450 Jan 22 j 11:32	23°♐40'48	
	-1450 Jan 27 j 17:31	0°♑	
	-1450 Feb 16 j 10:37	0°♒	
morning set	-1450 Feb 24 j 05:36	14°♒17'17	
max. Earth dist.	-1450 Feb 28 j 19:14	23°♒19'04	1.34222 AU
	-1450 Mar 04 j 01:13	0°♓	
superior conj	-1450 Mar 04 j 14:16	1°♓08'04	-1°-1'-10
minimum elong	-1450 Mar 04 j 17:03	1°♓22'36	1°00'42
asc. node	-1450 Mar 10 j 18:53	14°♓11'32	
evening rise	-1450 Mar 12 j 01:24	16°♓51'07	
	-1450 Mar 18 j 16:48	0°♈	
evening max el	-1450 Apr 01 j 04:38	19°♈14'24	21°33'21
retrograde	-1450 Apr 13 j 09:17	25°♈09'36	
evening set	-1450 Apr 15 j 21:33	24°♈55'18	
desc. node	-1450 Apr 20 j 10:39	23°♈25'19	
inferior conj	-1450 Apr 25 j 06:09	20°♈53'49	-1°-21'-12
minimum elong	-1450 Apr 25 j 02:22	20°♈59'07	1°19'54
min. Earth dist.	-1450 Apr 25 j 07:13	20°♈52'20	0.55057 AU
morning rise	-1450 May 04 j 07:45	16°♈54'28	
direct	-1450 May 07 j 07:52	16°♈34'42	
morning max el	-1450 May 19 j 18:05	22°♈27'46	21°59'05
	-1450 May 26 j 06:38	0°♉	
asc. node	-1450 Jun 06 j 18:13	19°♉35'33	
morning set	-1450 Jun 09 j 19:21	25°♉47'56	
	-1450 Jun 11 j 19:30	0°♊	
superior conj	-1450 Jun 17 j 03:12	11°♊14'30	1°30'16
minimum elong	-1450 Jun 17 j 00:44	11°♊01'36	1°30'01
max. Earth dist.	-1450 Jun 20 j 13:01	18°♊18'18	1.34661 AU
evening rise	-1450 Jun 25 j 05:52	27°♊39'20	
	-1450 Jun 26 j 11:12	0°♋	
	-1450 Jul 14 j 07:52	0°♌	
desc. node	-1450 Jul 17 j 10:00	4°♌23'36	
evening max el	-1450 Jul 30 j 04:52	19°♌38'23	26°59'24
retrograde	-1450 Aug 12 j 09:35	26°♌57'26	
evening set	-1450 Aug 19 j 05:39	24°♌11'35	
min. Earth dist.	-1450 Aug 23 j 03:11	20°♌18'40	0.65372 AU
inferior conj	-1450 Aug 25 j 01:38	18°♌04'49	-2°-44'-32
minimum elong	-1450 Aug 25 j 05:30	17°♌53'40	2°43'14
morning rise	-1450 Aug 31 j 06:44	12°♌25'23	
asc. node	-1450 Sep 02 j 17:23	11°♌43'49	
direct	-1450 Sep 03 j 01:24	11°♌43'13	
morning max el	-1450 Sep 09 j 15:06	15°♌17'56	18°18'06
	-1450 Sep 20 j 05:02	0°♍	
morning set	-1450 Sep 28 j 12:47	13°♍35'41	
	-1450 Oct 08 j 15:25	0°♎	
superior conj	-1450 Oct 13 j 08:18	7°♎29'15	0°00'18
minimum elong	-1450 Oct 13 j 08:21	7°♎29'25	0°00'16
behind sun begin	-1450 Oct 12 j 21:17	6°♎45'34	
behind sun end	-1450 Oct 13 j 19:25	8°♎13'12	
desc. node	-1450 Oct 13 j 09:22	7°♎33'30	
max. Earth dist.	-1450 Oct 15 j 21:38	11°♎31'25	1.44874 AU
	-1450 Oct 27 j 16:37	0°♏	
evening rise	-1450 Oct 29 j 21:20	3°♏25'56	
greatest brilliancy	-1450 Nov 14 j 00:50	26°♏45'04	-0.7m
	-1450 Nov 16 j 06:55	0°♐	
evening max el	-1450 Nov 22 j 19:39	8°♐11'16	19°29'04
asc. node	-1450 Nov 29 j 16:34	12°♐21'58	
retrograde	-1450 Nov 30 j 01:22	12°♐22'44	
evening set	-1450 Dec 03 j 09:58	11°♐16'47	
inferior conj	-1450 Dec 09 j 00:55	5°♐19'14	2°49'52
minimum elong	-1450 Dec 08 j 22:00	5°♐28'42	2°49'00
min. Earth dist.	-1450 Dec 10 j 05:30	3°♐46'35	0.66221 AU
	-1450 Dec 13 j 10:35	30°℞♏	
morning rise	-1450 Dec 14 j 09:17	29°♏05'51	
direct	-1450 Dec 20 j 13:27	26°♏23'18	
	-1450 Dec 28 j 19:56	0°♐	
morning max el	-1449 Jan 01 j 23:24	3°♐43'45	25°55'53
desc. node	-1449 Jan 09 j 08:36	12°♐09'57	
	-1449 Jan 22 j 01:33	0°♑	
morning set	-1449 Feb 07 j 04:13	27°♑08'22	
	-1449 Feb 08 j 17:07	0°♒	
max. Earth dist.	-1449 Feb 11 j 03:05	4°♒35'28	1.35688 AU
superior conj	-1449 Feb 16 j 09:45	15°♒01'06	-1°-24'-48
minimum elong	-1449 Feb 16 j 13:15	15°♒18'49	1°24'21
	-1449 Feb 23 j 17:03	0°♓	
evening rise	-1449 Feb 24 j 08:06	1°♓16'58	
asc. node	-1449 Feb 25 j 15:55	3°♓58'28	
	-1449 Mar 13 j 21:53	0°♈	
evening max el	-1449 Mar 14 j 11:07	0°♈32'28	20°14'17
retrograde	-1449 Mar 24 j 23:52	5°♈34'35	
evening set	-1449 Mar 27 j 04:07	5°♈22'35	
inferior conj	-1449 Apr 05 j 02:55	1°♈24'04	0°37'06
minimum elong	-1449 Apr 05 j 04:34	1°♈21'36	0°36'32
min. Earth dist.	-1449 Apr 06 j 21:20	0°♈21'06	0.55405 AU
desc. node	-1449 Apr 07 j 07:42	0°♈05'57	
	-1449 Apr 07 j 11:50	30°℞♓	
morning rise	-1449 Apr 14 j 02:30	27°♓01'44	
direct	-1449 Apr 17 j 21:16	26°♓30'29	
	-1449 Apr 27 j 14:50	0°♈	
morning max el	-1449 May 01 j 12:21	3°♈13'06	23°38'03
	-1449 May 19 j 22:42	0°♉	
asc. node	-1449 May 24 j 15:17	9°♉24'04	
morning set	-1449 May 25 j 06:57	10°♉45'56	
superior conj	-1449 Jun 01 j 09:53	26°♉01'30	1°13'39
minimum elong	-1449 Jun 01 j 07:21	25°♉47'57	1°13'18
	-1449 Jun 03 j 06:31	0°♊	
max. Earth dist.	-1449 Jun 03 j 13:41	0°♊38'05	1.33557 AU
evening rise	-1449 Jun 08 j 23:06	11°♊46'09	
	-1449 Jun 18 j 17:42	0°♋	
desc. node	-1449 Jul 04 j 07:01	23°♋26'11	
	-1449 Jul 09 j 20:32	0°♌	
evening max el	-1449 Jul 12 j 15:51	2°♌51'14	27°23'56
retrograde	-1449 Jul 26 j 06:22	10°♌12'49	
evening set	-1449 Aug 02 j 09:49	7°♌30'52	
min. Earth dist.	-1449 Aug 06 j 01:31	4°♌13'03	0.63933 AU
inferior conj	-1449 Aug 08 j 13:24	1°♌36'23	-3°-32'-10
minimum elong	-1449 Aug 08 j 17:49	1°♌24'49	3°31'01
	-1449 Aug 10 j 02:57	30°℞♋	
morning rise	-1449 Aug 15 j 03:46	26°♋13'37	
direct	-1449 Aug 17 j 17:33	25°♋40'25	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1449 Aug 20 j 14:29	26°♋22'01	
morning max el	-1449 Aug 24 j 06:26	29°♋06'44	17°57'46
	-1449 Aug 25 j 02:46	0°♌	
morning set	-1449 Sep 10 j 07:38	25°♌17'12	
	-1449 Sep 13 j 01:33	0°♍	
superior conj	-1449 Sep 23 j 02:05	16°♍46'48	0°45'50
minimum elong	-1449 Sep 23 j 06:43	17°♍05'44	0°45'14
max. Earth dist.	-1449 Sep 28 j 14:40	25°♍42'01	1.44169 AU
desc. node	-1449 Sep 30 j 06:24	28°♍20'00	
	-1449 Oct 01 j 07:41	0°♎	
evening rise	-1449 Oct 09 j 06:25	12°♎23'34	
	-1449 Oct 20 j 20:40	0°♏	
greatest brilliancy	-1449 Oct 30 j 17:32	14°♏08'19	-0.5m
evening max el	-1449 Nov 05 j 22:51	21°♏39'00	20°28'19
retrograde	-1449 Nov 13 j 22:54	26°♏22'08	
asc. node	-1449 Nov 16 j 13:38	25°♏42'56	
evening set	-1449 Nov 17 j 16:35	25°♏01'31	
inferior conj	-1449 Nov 23 j 04:02	18°♏52'22	2°07'54
minimum elong	-1449 Nov 23 j 01:29	19°♏00'59	2°06'58
min. Earth dist.	-1449 Nov 23 j 20:06	17°♏58'00	0.67011 AU
morning rise	-1449 Nov 28 j 09:53	12°♏36'33	
direct	-1449 Dec 03 j 23:22	10°♏10'51	
morning max el	-1449 Dec 15 j 07:51	16°♏57'02	24°35'04
	-1449 Dec 26 j 04:55	0°♐	
desc. node	-1449 Dec 27 j 05:40	1°♐23'44	
	-1448 Jan 15 j 01:42	0°♑	
morning set	-1448 Jan 20 j 07:12	8°♑56'38	
max. Earth dist.	-1448 Jan 24 j 00:51	15°♑37'21	1.37558 AU
superior conj	-1448 Jan 30 j 18:36	28°♑17'58	-1°-44'-20
minimum elong	-1448 Jan 30 j 22:01	28°♑34'29	1°44'03
	-1448 Jan 31 j 15:36	0°♒	
evening rise	-1448 Feb 08 j 09:03	15°♒19'30	
asc. node	-1448 Feb 12 j 12:57	23°♒26'58	
	-1448 Feb 16 j 03:16	0°♓	
evening max el	-1448 Feb 25 j 04:36	12°♓28'22	19°13'18
retrograde	-1448 Mar 05 j 01:49	16°♓43'40	
evening set	-1448 Mar 07 j 07:58	16°♓28'25	
inferior conj	-1448 Mar 15 j 13:34	12°♓18'01	2°16'21
minimum elong	-1448 Mar 15 j 18:05	12°♓10'23	2°15'03
min. Earth dist.	-1448 Mar 18 j 12:35	10°♓18'51	0.56626 AU
morning rise	-1448 Mar 24 j 00:14	7°♓24'11	
desc. node	-1448 Mar 24 j 04:46	7°♓20'03	
direct	-1448 Mar 28 j 22:27	6°♓27'56	
morning max el	-1448 Apr 12 j 03:02	13°♓44'29	25°15'53
	-1448 Apr 24 j 21:14	0°♈	
morning set	-1448 May 08 j 18:58	25°♈45'50	
asc. node	-1448 May 10 j 12:18	29°♈25'17	
	-1448 May 10 j 18:47	0°♉	
superior conj	-1448 May 15 j 19:57	10°♉58'21	0°53'25
minimum elong	-1448 May 15 j 17:51	10°♉46'52	0°53'03
max. Earth dist.	-1448 May 16 j 22:00	13°♉20'06	1.32837 AU
evening rise	-1448 May 23 j 00:40	26°♉18'08	
	-1448 May 24 j 20:26	0°♊	
	-1448 Jun 11 j 04:49	0°♋	
desc. node	-1448 Jun 20 j 04:02	11°♋35'36	
evening max el	-1448 Jun 24 j 00:01	15°♋34'44	27°17'38
retrograde	-1448 Jul 07 j 20:32	22°♋54'13	
evening set	-1448 Jul 14 j 23:39	20°♋29'46	
min. Earth dist.	-1448 Jul 18 j 13:48	17°♋38'44	0.62159 AU
inferior conj	-1448 Jul 21 j 14:03	14°♋50'40	-4°-10'-39
minimum elong	-1448 Jul 21 j 17:54	14°♋41'39	4°10'01
morning rise	-1448 Jul 28 j 14:43	9°♋47'41	
direct	-1448 Jul 31 j 02:08	9°♋20'39	
asc. node	-1448 Aug 06 j 11:33	12°♋23'45	
morning max el	-1448 Aug 06 j 21:13	12°♋46'49	17°55'39
	-1448 Aug 18 j 12:38	0°♌	
morning set	-1448 Aug 22 j 23:28	7°♌58'46	
superior conj	-1448 Sep 02 j 22:49	27°♌23'47	1°19'24
minimum elong	-1448 Sep 03 j 03:52	27°♌45'26	1°18'54
	-1448 Sep 04 j 11:25	0°♍	
max. Earth dist.	-1448 Sep 10 j 03:47	9°♍28'01	1.42842 AU
desc. node	-1448 Sep 16 j 03:26	19°♍04'53	
evening rise	-1448 Sep 17 j 14:02	21°♍20'54	
	-1448 Sep 23 j 04:32	0°♎	
greatest brilliancy	-1448 Oct 13 j 22:16	29°♎29'16	-0.4m
	-1448 Oct 14 j 08:12	0°♏	
evening max el	-1448 Oct 18 j 20:10	5°♏06'42	21°39'25
retrograde	-1448 Oct 27 j 19:29	10°♏26'31	
evening set	-1448 Nov 01 j 00:26	8°♏48'54	
asc. node	-1448 Nov 02 j 10:42	7°♏31'02	
inferior conj	-1448 Nov 06 j 09:58	2°♏31'36	1°20'12
minimum elong	-1448 Nov 06 j 08:13	2°♏37'40	1°19'28
min. Earth dist.	-1448 Nov 06 j 14:49	2°♏14'52	0.67456 AU
	-1448 Nov 08 j 06:40	30°℞♎	
morning rise	-1448 Nov 11 j 15:43	26°♎15'53	
direct	-1448 Nov 16 j 13:50	24°♎11'39	
	-1448 Nov 26 j 11:44	0°♏	
morning max el	-1448 Nov 26 j 17:12	0°♏13'44	23°07'53
greatest brilliancy	-1448 Dec 01 j 16:28	5°♏48'16	-0.3m
desc. node	-1448 Dec 13 j 02:43	21°♏09'04	
	-1448 Dec 19 j 02:30	0°♐	
morning set	-1448 Dec 31 j 08:17	19°♐26'01	
max. Earth dist.	-1447 Jan 04 j 20:08	27°♐03'38	1.39651 AU
	-1447 Jan 06 j 12:38	0°♑	
superior conj	-1447 Jan 12 j 12:37	10°♑47'35	-1°-56'-52
minimum elong	-1447 Jan 12 j 14:31	10°♑56'23	1°56'50
evening rise	-1447 Jan 22 j 01:30	28°♑51'56	
	-1447 Jan 22 j 15:42	0°♒	
asc. node	-1447 Jan 29 j 09:59	12°♒30'38	
evening max el	-1447 Feb 07 j 07:08	24°♒57'29	18°32'09
retrograde	-1447 Feb 14 j 22:22	28°♒41'32	
evening set	-1447 Feb 17 j 08:41	28°♒20'06	
inferior conj	-1447 Feb 24 j 20:36	23°♒49'50	3°20'20
minimum elong	-1447 Feb 25 j 00:22	23°♒42'25	3°19'38
min. Earth dist.	-1447 Feb 28 j 06:28	21°♒09'54	0.58438 AU
morning rise	-1447 Mar 04 j 12:16	18°♒27'42	
direct	-1447 Mar 10 j 12:41	16°♒55'34	
desc. node	-1447 Mar 11 j 01:49	16°♒56'19	
morning max el	-1447 Mar 24 j 20:14	24°♒30'41	26°37'29
	-1447 Mar 29 j 20:49	0°♓	
	-1447 Apr 17 j 22:09	0°♈	
morning set	-1447 Apr 23 j 05:47	10°♈42'05	
asc. node	-1447 Apr 27 j 09:20	19°♈34'32	
superior conj	-1447 Apr 30 j 07:35	25°♈58'49	0°30'28
minimum elong	-1447 Apr 30 j 06:16	25°♈51'37	0°30'13
max. Earth dist.	-1447 Apr 30 j 10:34	26°♈15'12	1.32475 AU
	-1447 May 02 j 03:37	0°♉	
evening rise	-1447 May 07 j 07:48	11°♉06'09	
	-1447 May 17 j 02:23	0°♊	
evening max el	-1447 Jun 06 j 02:43	27°♊37'47	26°38'12
desc. node	-1447 Jun 07 j 01:02	28°♊29'39	
	-1447 Jun 08 j 19:10	0°♋	
retrograde	-1447 Jun 20 j 02:49	4°♋53'59	
evening set	-1447 Jun 26 j 18:46	3°♋00'09	
min. Earth dist.	-1447 Jun 30 j 16:03	0°♋21'39	0.60158 AU
	-1447 Jul 01 j 03:04	30°℞♊	
inferior conj	-1447 Jul 04 j 00:04	27°♊39'12	-4°-33'-19
minimum elong	-1447 Jul 04 j 01:42	27°♊35'52	4°33'13

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1447 Jul 11 j 11:52	22°♊58'31	
direct	-1447 Jul 13 j 23:04	22°♊35'45	
morning max el	-1447 Jul 21 j 08:36	26°♊11'19	18°12'46
asc. node	-1447 Jul 24 j 08:36	29°♊34'10	
	-1447 Jul 24 j 16:32	0°♋	
morning set	-1447 Aug 06 j 06:46	21°♋25'31	
	-1447 Aug 10 j 20:09	0°♌	
superior conj	-1447 Aug 15 j 21:26	9°♌17'57	1°39'24
minimum elong	-1447 Aug 16 j 00:31	9°♌31'56	1°39'13
max. Earth dist.	-1447 Aug 23 j 11:34	22°♌35'57	1.41068 AU
	-1447 Aug 27 j 22:08	0°♍	
evening rise	-1447 Aug 28 j 13:57	1°♍04'33	
desc. node	-1447 Sep 03 j 00:26	9°♍44'44	
	-1447 Sep 16 j 15:48	0°♎	
greatest brilliancy	-1447 Sep 26 j 07:34	12°♎46'14	-0.3m
evening max el	-1447 Oct 01 j 12:02	18°♎35'03	22°57'58
retrograde	-1447 Oct 11 j 13:40	24°♎33'15	
evening set	-1447 Oct 16 j 07:49	22°♎37'04	
asc. node	-1447 Oct 20 j 07:46	18°♎08'14	
inferior conj	-1447 Oct 21 j 16:53	16°♎15'10	0°28'30
minimum elong	-1447 Oct 21 j 16:13	16°♎17'28	0°28'12
min. Earth dist.	-1447 Oct 21 j 11:15	16°♎34'34	0.67577 AU
morning rise	-1447 Oct 27 j 00:37	10°♎02'06	
direct	-1447 Oct 31 j 08:00	8°♎20'24	
morning max el	-1447 Nov 09 j 06:58	13°♎37'06	21°43'08
greatest brilliancy	-1447 Nov 14 j 05:16	19°♎14'01	-0.4m
	-1447 Nov 22 j 06:00	0°♏	
desc. node	-1447 Nov 29 j 23:46	11°♏16'51	
morning set	-1447 Dec 11 j 04:19	28°♏31'59	
	-1447 Dec 12 j 02:23	0°♐	
max. Earth dist.	-1447 Dec 17 j 20:23	9°♐21'41	1.41689 AU
superior conj	-1447 Dec 25 j 10:23	22°♐16'07	-1°-58'-39
minimum elong	-1447 Dec 25 j 08:55	22°♐09'43	1°58'40
	-1447 Dec 29 j 19:05	0°♑	
evening rise	-1446 Jan 05 j 06:04	11°♑46'13	
	-1446 Jan 15 j 15:10	0°♒	
asc. node	-1446 Jan 16 j 07:01	1°♒00'59	
evening max el	-1446 Jan 21 j 15:48	7°♒50'59	18°10'58
retrograde	-1446 Jan 28 j 12:44	11°♒19'41	
evening set	-1446 Jan 31 j 02:48	10°♒50'45	
inferior conj	-1446 Feb 06 j 23:45	5°♒58'40	3°50'17
minimum elong	-1446 Feb 07 j 01:08	5°♒55'29	3°50'11
min. Earth dist.	-1446 Feb 10 j 06:00	3°♒00'54	0.60497 AU
morning rise	-1446 Feb 13 j 20:32	0°♒16'02	
	-1446 Feb 14 j 07:00	30°℞♑	
direct	-1446 Feb 20 j 14:22	28°♑06'45	
desc. node	-1446 Feb 25 j 22:53	29°♑21'32	
	-1446 Feb 27 j 05:53	0°♒	
morning max el	-1446 Mar 06 j 19:30	5°♒52'05	27°29'42
	-1446 Mar 24 j 21:00	0°♓	
morning set	-1446 Apr 07 j 13:32	25°♓26'59	
	-1446 Apr 09 j 17:42	0°♈	
max. Earth dist.	-1446 Apr 13 j 23:25	9°♈08'28	1.32461 AU
asc. node	-1446 Apr 14 j 06:21	9°♈46'25	
superior conj	-1446 Apr 14 j 19:02	10°♈55'44	0°05'36
minimum elong	-1446 Apr 14 j 18:47	10°♈54'21	0°05'32
behind sun begin	-1446 Apr 14 j 14:02	10°♈28'24	
behind sun end	-1446 Apr 14 j 23:31	11°♈20'19	
evening rise	-1446 Apr 21 j 18:10	26°♈00'57	
	-1446 Apr 23 j 16:05	0°♉	
	-1446 May 11 j 04:45	0°♊	
evening max el	-1446 May 18 j 22:31	8°♊55'40	25°29'01
desc. node	-1446 May 24 j 22:02	13°♊37'07	
retrograde	-1446 Jun 01 j 23:43	16°♊06'53	
evening set	-1446 Jun 07 j 15:36	14°♊51'27	
min. Earth dist.	-1446 Jun 12 j 10:31	12°♊07'33	0.58128 AU
inferior conj	-1446 Jun 15 j 15:54	9°♊51'34	-4°-30'-16
minimum elong	-1446 Jun 15 j 13:35	9°♊55'41	4°30'05
morning rise	-1446 Jun 23 j 15:28	5°♊33'30	
direct	-1446 Jun 26 j 03:42	5°♊13'56	
morning max el	-1446 Jul 04 j 13:38	9°♊11'11	18°50'13
asc. node	-1446 Jul 11 j 05:38	17°♊38'08	
	-1446 Jul 18 j 05:51	0°♋	
morning set	-1446 Jul 21 j 01:08	5°♋25'43	
superior conj	-1446 Jul 29 j 16:28	22°♋14'01	1°47'32
minimum elong	-1446 Jul 29 j 17:14	22°♋17'37	1°47'32
	-1446 Aug 02 j 20:20	0°♌	
max. Earth dist.	-1446 Aug 05 j 14:39	4°♌59'29	1.39081 AU
evening rise	-1446 Aug 09 j 14:44	11°♌58'56	
desc. node	-1446 Aug 20 j 21:26	0°♍15'35	
	-1446 Aug 20 j 17:22	0°♍	
	-1446 Sep 11 j 23:45	0°♎	
evening max el	-1446 Sep 14 j 00:15	2°♎05'51	24°18'09
retrograde	-1446 Sep 25 j 04:24	8°♎39'11	
evening set	-1446 Sep 30 j 13:03	6°♎24'21	
inferior conj	-1446 Oct 05 j 23:05	0°♎01'38	0°-25'-37
minimum elong	-1446 Oct 05 j 23:42	29°♍59'33	0°25'22
min. Earth dist.	-1446 Oct 05 j 07:05	0°♎55'29	0.67383 AU
	-1446 Oct 05 j 23:34	30°℞♍	
asc. node	-1446 Oct 07 j 04:49	28°♍22'45	
morning rise	-1446 Oct 11 j 10:39	23°♍53'55	
direct	-1446 Oct 15 j 04:52	22°♍33'06	
morning max el	-1446 Oct 23 j 03:45	27°♍10'06	20°27'24
	-1446 Oct 25 j 17:28	0°♎	
greatest brilliancy	-1446 Oct 29 j 13:41	4°♎50'52	-0.5m
	-1446 Nov 15 j 18:31	0°♏	
desc. node	-1446 Nov 16 j 20:48	1°♏40'40	
morning set	-1446 Nov 20 j 03:39	6°♏44'44	
max. Earth dist.	-1446 Nov 30 j 03:50	22°♏32'15	1.43381 AU
	-1446 Dec 04 j 17:55	0°♐	
superior conj	-1446 Dec 06 j 06:41	2°♐31'52	-1°-45'-21
minimum elong	-1446 Dec 06 j 00:46	2°♐07'23	1°44'58
evening rise	-1446 Dec 18 j 18:40	23°♐54'17	
	-1446 Dec 22 j 06:15	0°♑	
asc. node	-1445 Jan 03 j 04:03	18°♑48'12	
evening max el	-1445 Jan 05 j 03:45	21°♑01'32	18°09'25
retrograde	-1445 Jan 11 j 16:43	24°♑28'30	
evening set	-1445 Jan 14 j 10:30	23°♑51'06	
inferior conj	-1445 Jan 20 j 19:43	18°♑37'57	3°53'57
minimum elong	-1445 Jan 20 j 18:52	18°♑40'10	3°53'54
min. Earth dist.	-1445 Jan 23 j 14:08	15°♑45'58	0.62497 AU
morning rise	-1445 Jan 27 j 01:10	12°♑42'00	
direct	-1445 Feb 03 j 01:34	10°♑04'42	
desc. node	-1445 Feb 12 j 19:57	14°♑11'46	
morning max el	-1445 Feb 17 j 00:41	17°♑54'33	27°45'39
	-1445 Feb 27 j 04:36	0°♒	
	-1445 Mar 17 j 14:46	0°♓	
morning set	-1445 Mar 22 j 16:07	9°♓53'20	
max. Earth dist.	-1445 Mar 28 j 08:31	21°♓45'41	1.32817 AU
superior conj	-1445 Mar 30 j 04:40	25°♓43'34	0°-20'-24
minimum elong	-1445 Mar 30 j 05:37	25°♓48'44	0°20'14
asc. node	-1445 Apr 01 j 03:23	29°♓57'02	
	-1445 Apr 01 j 03:56	0°♈	
evening rise	-1445 Apr 06 j 05:53	10°♈56'00	
	-1445 Apr 16 j 01:51	0°♉	
evening max el	-1445 Apr 30 j 13:46	19°♉40'41	23°59'58
desc. node	-1445 May 11 j 19:04	26°♉21'29	
retrograde	-1445 May 14 j 09:12	26°♉36'49	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1445 May 18 j 15:34	25°♉56'24	
min. Earth dist.	-1445 May 25 j 01:02	22°♉51'38	0.56387 AU
inferior conj	-1445 May 27 j 11:33	21°♉21'20	-3°-49'-37
minimum elong	-1445 May 27 j 05:26	21°♉30'51	3°48'23
morning rise	-1445 Jun 04 j 23:08	17°♉20'49	
direct	-1445 Jun 07 j 13:05	17°♉03'28	
morning max el	-1445 Jun 17 j 09:35	21°♉37'12	19°48'27
	-1445 Jun 24 j 05:24	0°♊	
asc. node	-1445 Jun 28 j 02:41	6°♊23'14	
morning set	-1445 Jul 05 j 03:19	19°♊50'51	
	-1445 Jul 10 j 03:29	0°♋	
superior conj	-1445 Jul 13 j 02:28	5°♋56'11	1°46'15
minimum elong	-1445 Jul 13 j 01:24	5°♋50'54	1°46'15
max. Earth dist.	-1445 Jul 18 j 17:49	16°♋51'51	1.37148 AU
evening rise	-1445 Jul 22 j 15:41	24°♋04'06	
	-1445 Jul 26 j 00:16	0°♌	
desc. node	-1445 Aug 07 j 18:25	20°♌32'14	
	-1445 Aug 14 j 09:20	0°♍	
evening max el	-1445 Aug 27 j 11:22	15°♍39'50	25°32'42
retrograde	-1445 Sep 08 j 14:47	22°♍39'16	
evening set	-1445 Sep 14 j 14:17	20°♍08'04	
min. Earth dist.	-1445 Sep 18 j 23:54	15°♍15'12	0.66873 AU
inferior conj	-1445 Sep 20 j 02:48	13°♍48'31	-1°-20'-38
minimum elong	-1445 Sep 20 j 04:47	13°♍42'07	1°19'49
asc. node	-1445 Sep 24 j 01:53	9°♍12'20	
morning rise	-1445 Sep 25 j 19:57	7°♍49'04	
direct	-1445 Sep 29 j 03:09	6°♍46'02	
morning max el	-1445 Oct 06 j 07:55	10°♍51'47	19°24'45
greatest brilliancy	-1445 Oct 15 j 18:33	23°♍05'57	-0.7m
	-1445 Oct 20 j 09:06	0°♎	
morning set	-1445 Oct 30 j 04:42	15°♎09'57	
desc. node	-1445 Nov 03 j 17:48	22°♎15'08	
	-1445 Nov 08 j 16:33	0°♏	
max. Earth dist.	-1445 Nov 12 j 17:33	6°♏22'12	1.44516 AU
superior conj	-1445 Nov 16 j 00:15	11°♏34'36	-1°-14'-12
minimum elong	-1445 Nov 15 j 16:27	11°♏03'31	1°13'22
	-1445 Nov 27 j 08:46	0°♐	
evening rise	-1445 Nov 30 j 10:44	5°♐06'41	
	-1445 Dec 16 j 00:54	0°♑	
evening max el	-1445 Dec 19 j 16:11	4°♑21'56	18°26'43
asc. node	-1445 Dec 21 j 01:07	5°♑39'06	
retrograde	-1445 Dec 26 j 05:47	7°♑58'28	
evening set	-1445 Dec 29 j 04:10	7°♑11'18	
inferior conj	-1444 Jan 04 j 04:30	1°♑38'59	3°38'53
minimum elong	-1444 Jan 04 j 02:13	1°♑45'34	3°38'31
	-1444 Jan 05 j 14:40	30°℞♐	
min. Earth dist.	-1444 Jan 06 j 07:58	29°♐10'43	0.64234 AU
morning rise	-1444 Jan 09 j 22:51	25°♐34'16	
direct	-1444 Jan 16 j 20:23	22°♐43'54	
	-1444 Jan 29 j 20:51	0°♑	
morning max el	-1444 Jan 30 j 09:19	0°♑30'41	27°25'45
desc. node	-1444 Jan 30 j 17:00	0°♑49'59	
	-1444 Feb 21 j 04:53	0°♒	
morning set	-1444 Mar 05 j 10:52	23°♒52'03	
	-1444 Mar 08 j 12:23	0°♓	
max. Earth dist.	-1444 Mar 10 j 10:00	3°♓54'31	1.33580 AU
superior conj	-1444 Mar 13 j 10:39	10°♓16'09	0°-46'-32
minimum elong	-1444 Mar 13 j 12:49	10°♓27'38	0°46'08
asc. node	-1444 Mar 18 j 00:26	20°♓02'18	
evening rise	-1444 Mar 20 j 17:09	25°♓45'00	
	-1444 Mar 22 j 18:24	0°♈	
	-1444 Apr 10 j 22:30	0°♉	
evening max el	-1444 Apr 11 j 06:35	0°♉19'38	22°25'14
retrograde	-1444 Apr 24 j 05:57	6°♉41'33	
evening set	-1444 Apr 27 j 05:36	6°♉21'59	
desc. node	-1444 Apr 27 j 16:07	6°♉15'57	
min. Earth dist.	-1444 May 05 j 14:29	2°♉44'47	0.55291 AU
inferior conj	-1444 May 06 j 13:46	2°♉11'44	-2°-25'-25
minimum elong	-1444 May 06 j 07:39	2°♉20'25	2°23'32
	-1444 May 10 j 15:49	30°℞♈	
morning rise	-1444 May 15 j 11:45	28°♈16'40	
direct	-1444 May 18 j 06:17	27°♈59'05	
	-1444 May 25 j 07:24	0°♉	
morning max el	-1444 May 29 j 18:40	3°♉22'01	21°06'33
asc. node	-1444 Jun 13 j 23:45	25°♉39'34	
	-1444 Jun 16 j 04:48	0°♊	
morning set	-1444 Jun 18 j 10:49	4°♊34'24	
superior conj	-1444 Jun 25 j 23:03	20°♊11'55	1°37'45
minimum elong	-1444 Jun 25 j 20:54	20°♊00'51	1°37'36
max. Earth dist.	-1444 Jun 30 j 03:46	28°♊42'17	1.35471 AU
	-1444 Jun 30 j 19:28	0°♋	
evening rise	-1444 Jul 04 j 12:12	7°♋08'19	
	-1444 Jul 17 j 16:44	0°♌	
desc. node	-1444 Jul 24 j 15:26	10°♌28'20	
evening max el	-1444 Aug 08 j 23:03	29°♌14'20	26°33'36
	-1444 Aug 09 j 18:17	0°♍	
retrograde	-1444 Aug 21 j 20:10	6°♍28'29	
evening set	-1444 Aug 28 j 09:28	3°♍45'58	
	-1444 Sep 01 j 01:29	30°℞♌	
min. Earth dist.	-1444 Sep 01 j 11:19	29°♌30'55	0.66027 AU
inferior conj	-1444 Sep 03 j 02:11	27°♌33'32	-2°-14'-40
minimum elong	-1444 Sep 03 j 05:26	27°♌23'41	2°13'28
morning rise	-1444 Sep 09 j 02:28	21°♌45'35	
asc. node	-1444 Sep 09 j 22:57	21°♌21'23	
direct	-1444 Sep 12 j 01:03	20°♌56'42	
morning max el	-1444 Sep 18 j 18:16	24°♌40'14	18°37'35
	-1444 Sep 23 j 04:25	0°♍	
morning set	-1444 Oct 09 j 04:27	24°♍46'03	
	-1444 Oct 12 j 10:59	0°♎	
desc. node	-1444 Oct 20 j 14:50	12°♎56'53	
superior conj	-1444 Oct 25 j 01:13	19°♎55'55	0°-28'-27
minimum elong	-1444 Oct 24 j 21:28	19°♎41'09	0°27'59
max. Earth dist.	-1444 Oct 25 j 11:27	20°♎36'09	1.44962 AU
	-1444 Oct 31 j 10:45	0°♏	
evening rise	-1444 Nov 10 j 02:59	15°♏18'59	
	-1444 Nov 19 j 08:47	0°♐	
evening max el	-1444 Dec 02 j 02:37	17°♐47'27	19°01'40
asc. node	-1444 Dec 06 j 22:11	21°♐19'08	
retrograde	-1444 Dec 09 j 00:22	21°♐43'20	
evening set	-1444 Dec 12 j 04:47	20°♐44'43	
inferior conj	-1444 Dec 17 j 22:34	14°♐55'33	3°10'36
minimum elong	-1444 Dec 17 j 19:41	15°♐04'35	3°09'53
min. Earth dist.	-1444 Dec 19 j 11:05	13°♐01'26	0.65609 AU
morning rise	-1444 Dec 23 j 09:40	8°♐44'55	
direct	-1444 Dec 29 j 21:30	5°♐56'12	
morning max el	-1443 Jan 11 j 18:52	13°♐29'16	26°35'26
desc. node	-1443 Jan 16 j 14:04	18°♐45'19	
	-1443 Jan 25 j 05:03	0°♑	
	-1443 Feb 12 j 20:47	0°♒	
morning set	-1443 Feb 16 j 18:08	7°♒11'36	
max. Earth dist.	-1443 Feb 21 j 00:39	15°♒28'37	1.34791 AU
superior conj	-1443 Feb 25 j 10:46	24°♒26'10	-1°-11'-33
minimum elong	-1443 Feb 25 j 13:56	24°♒42'28	1°11'04
	-1443 Feb 28 j 03:02	0°♓	
asc. node	-1443 Mar 04 j 21:30	9°♓57'33	
evening rise	-1443 Mar 05 j 02:07	10°♓21'26	
	-1443 Mar 15 j 13:03	0°♈	
evening max el	-1443 Mar 24 j 07:03	11°♈18'36	20°57'46

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

retrograde	-1443 Apr 04 j 19:04	16°♈50'46	
evening set	-1443 Apr 07 j 02:25	16°♈38'16	
desc. node	-1443 Apr 14 j 13:11	13°♈40'56	
inferior conj	-1443 Apr 16 j 08:19	12°♈40'27	0°-30'-35
minimum elong	-1443 Apr 16 j 06:52	12°♈42'30	0°30'04
min. Earth dist.	-1443 Apr 17 j 03:54	12°♈12'40	0.55091 AU
morning rise	-1443 Apr 25 j 10:29	8°♈33'28	
direct	-1443 Apr 28 j 17:27	8°♈10'01	
morning max el	-1443 May 11 j 17:15	14°♈25'07	22°40'23
	-1443 May 23 j 15:16	0°♉	
asc. node	-1443 May 31 j 20:48	15°♉18'19	
morning set	-1443 Jun 02 j 21:27	19°♉29'02	
	-1443 Jun 07 j 20:24	0°♊	
superior conj	-1443 Jun 10 j 02:49	4°♊49'51	1°23'44
minimum elong	-1443 Jun 10 j 00:15	4°♊36'19	1°23'25
max. Earth dist.	-1443 Jun 12 j 23:22	10°♊50'05	1.34151 AU
evening rise	-1443 Jun 17 j 23:07	20°♊55'54	
	-1443 Jun 22 j 17:35	0°♋	
desc. node	-1443 Jul 11 j 12:28	29°♋53'55	
	-1443 Jul 11 j 14:17	0°♌	
evening max el	-1443 Jul 22 j 10:49	12°♌38'43	27°13'16
retrograde	-1443 Aug 04 j 19:58	19°♌58'37	
evening set	-1443 Aug 11 j 19:59	17°♌13'11	
min. Earth dist.	-1443 Aug 15 j 14:52	13°♌35'43	0.64812 AU
inferior conj	-1443 Aug 17 j 18:55	11°♌11'29	-3°-5'-31
minimum elong	-1443 Aug 17 j 23:06	10°♌59'51	3°04'15
morning rise	-1443 Aug 24 j 03:47	5°♌38'34	
direct	-1443 Aug 26 j 20:12	5°♌00'26	
asc. node	-1443 Aug 27 j 20:01	5°♌05'40	
morning max el	-1443 Sep 02 j 08:32	8°♌30'17	18°07'15
	-1443 Sep 16 j 22:03	0°♍	
morning set	-1443 Sep 20 j 08:31	5°♍45'15	
superior conj	-1443 Oct 04 j 07:04	28°♍36'35	0°20'45
minimum elong	-1443 Oct 04 j 09:34	28°♍46'32	0°20'25
	-1443 Oct 05 j 03:57	0°♎	
desc. node	-1443 Oct 07 j 11:53	3°♎42'28	
max. Earth dist.	-1443 Oct 08 j 06:10	4°♎54'55	1.44665 AU
evening rise	-1443 Oct 20 j 20:49	24°♎37'15	
	-1443 Oct 24 j 08:23	0°♏	
greatest brilliancy	-1443 Nov 07 j 21:43	21°♏51'41	-0.6m
	-1443 Nov 14 j 05:10	0°♐	
evening max el	-1443 Nov 15 j 08:53	1°♐14'46	19°52'39
retrograde	-1443 Nov 22 j 21:31	5°♐38'37	
asc. node	-1443 Nov 23 j 19:14	5°♐33'56	
evening set	-1443 Nov 26 j 09:50	4°♐26'30	
	-1443 Nov 30 j 17:34	30°℞♏	
inferior conj	-1443 Dec 01 j 23:04	28°♏23'32	2°32'52
minimum elong	-1443 Dec 01 j 20:15	28°♏32'52	2°31'57
min. Earth dist.	-1443 Dec 02 j 22:03	27°♏07'26	0.66601 AU
morning rise	-1443 Dec 07 j 06:04	22°♏09'04	
direct	-1443 Dec 13 j 04:10	19°♏33'07	
morning max el	-1443 Dec 25 j 03:49	26°♏39'51	25°23'02
	-1443 Dec 28 j 06:33	0°♐	
desc. node	-1442 Jan 03 j 11:09	7°♐35'19	
	-1442 Jan 18 j 19:50	0°♑	
morning set	-1442 Jan 30 j 09:11	19°♑38'08	
max. Earth dist.	-1442 Feb 03 j 04:03	26°♑37'07	1.36441 AU
	-1442 Feb 04 j 22:47	0°♒	
superior conj	-1442 Feb 09 j 02:13	8°♒05'24	-1°-33'-44
minimum elong	-1442 Feb 09 j 05:49	8°♒23'18	1°33'20
evening rise	-1442 Feb 17 j 06:43	24°♒38'49	
asc. node	-1442 Feb 19 j 18:33	29°♒37'51	
	-1442 Feb 19 j 23:03	0°♓	
evening max el	-1442 Mar 06 j 18:15	22°♓52'48	19°45'57

retrograde	-1442 Mar 16 j 13:23	27°♓33'49	
evening set	-1442 Mar 18 j 17:52	27°♓20'50	
inferior conj	-1442 Mar 27 j 09:43	23°♓18'15	1°22'58
minimum elong	-1442 Mar 27 j 13:04	23°♓13'01	1°21'51
min. Earth dist.	-1442 Mar 29 j 18:08	21°♓50'35	0.55830 AU
desc. node	-1442 Apr 01 j 10:14	20°♓19'03	
morning rise	-1442 Apr 05 j 05:02	18°♓43'10	
direct	-1442 Apr 09 j 10:46	18°♓03'14	
morning max el	-1442 Apr 23 j 09:18	25°♓01'37	24°20'41
	-1442 Apr 27 j 23:46	0°♈	
	-1442 May 16 j 05:30	0°♉	
morning set	-1442 May 18 j 09:28	4°♉29'03	
asc. node	-1442 May 18 j 17:52	5°♉13'16	
superior conj	-1442 May 25 j 11:11	19°♉42'04	1°05'28
minimum elong	-1442 May 25 j 08:48	19°♉29'06	1°05'05
max. Earth dist.	-1442 May 27 j 03:49	23°♉21'03	1.33211 AU
	-1442 May 30 j 07:07	0°♊	
evening rise	-1442 Jun 01 j 20:17	5°♊14'39	
	-1442 Jun 15 j 09:08	0°♋	
desc. node	-1442 Jun 28 j 09:29	18°♋36'06	
evening max el	-1442 Jul 04 j 20:49	25°♋40'14	27°25'03
	-1442 Jul 10 j 03:52	0°♌	
retrograde	-1442 Jul 18 j 13:52	3°♌00'51	
evening set	-1442 Jul 25 j 18:31	0°♌24'22	
	-1442 Jul 26 j 07:38	30°℞♋	
min. Earth dist.	-1442 Jul 29 j 08:46	27°♋19'38	0.63225 AU
inferior conj	-1442 Aug 01 j 02:18	24°♋36'21	-3°-49'-56
minimum elong	-1442 Aug 01 j 06:39	24°♋25'29	3°48'58
morning rise	-1442 Aug 07 j 20:58	19°♋21'51	
direct	-1442 Aug 10 j 09:33	18°♋51'30	
asc. node	-1442 Aug 14 j 17:04	20°♋21'03	
morning max el	-1442 Aug 17 j 00:00	22°♋16'18	17°54'35
	-1442 Aug 22 j 23:26	0°♌	
morning set	-1442 Sep 02 j 12:59	17°♌54'08	
	-1442 Sep 09 j 11:55	0°♍	
superior conj	-1442 Sep 14 j 11:52	8°♍26'48	1°01'46
minimum elong	-1442 Sep 14 j 17:08	8°♍48'40	1°01'09
max. Earth dist.	-1442 Sep 20 j 22:07	18°♍58'09	1.43672 AU
desc. node	-1442 Sep 24 j 08:53	24°♍28'30	
	-1442 Sep 27 j 21:14	0°♎	
evening rise	-1442 Sep 30 j 02:52	3°♎28'23	
	-1442 Oct 17 j 20:58	0°♏	
greatest brilliancy	-1442 Oct 23 j 20:17	8°♏09'35	-0.5m
evening max el	-1442 Oct 29 j 09:29	14°♏41'50	20°57'19
retrograde	-1442 Nov 06 j 18:57	19°♏40'27	
evening set	-1442 Nov 10 j 17:10	18°♏12'42	
asc. node	-1442 Nov 10 j 16:16	18°♏14'24	
inferior conj	-1442 Nov 16 j 03:36	11°♏59'22	1°48'14
minimum elong	-1442 Nov 16 j 01:21	12°♏07'05	1°47'22
min. Earth dist.	-1442 Nov 16 j 14:40	11°♏21'26	0.67236 AU
morning rise	-1442 Nov 21 j 09:07	5°♏43'16	
direct	-1442 Nov 26 j 15:56	3°♏26'40	
morning max el	-1442 Dec 07 j 12:28	9°♏55'08	23°58'17
desc. node	-1442 Dec 21 j 08:11	27°♏03'35	
	-1442 Dec 23 j 10:02	0°♐	
	-1441 Jan 11 j 13:08	0°♑	
morning set	-1441 Jan 12 j 01:50	0°♑54'22	
max. Earth dist.	-1441 Jan 15 j 23:58	7°♑45'42	1.38432 AU
superior conj	-1441 Jan 23 j 05:15	21°♑02'59	-1°-50'-42
minimum elong	-1441 Jan 23 j 08:14	21°♑17'10	1°50'32
	-1441 Jan 27 j 20:35	0°♒	
evening rise	-1441 Feb 01 j 04:23	8°♒29'15	
asc. node	-1441 Feb 06 j 15:35	18°♒56'38	
	-1441 Feb 13 j 09:22	0°♓	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening max el	-1441 Feb 17 j 15:46	5°♓02'54	18°53'20
retrograde	-1441 Feb 25 j 23:07	9°♓03'22	
evening set	-1441 Feb 28 j 06:48	8°♓45'51	
inferior conj	-1441 Mar 08 j 04:41	4°♓27'31	2°47'59
minimum elong	-1441 Mar 08 j 09:13	4°♓19'18	2°46'53
min. Earth dist.	-1441 Mar 11 j 10:19	2°♓08'27	0.57337 AU
	-1441 Mar 14 j 22:05	30°℞♒	
morning rise	-1441 Mar 16 j 07:33	29°♒20'22	
desc. node	-1441 Mar 19 j 07:17	28°♒24'11	
direct	-1441 Mar 21 j 17:19	28°♒09'55	
	-1441 Mar 28 j 13:54	0°♓	
morning max el	-1441 Apr 05 j 00:37	5°♓36'29	25°53'31
	-1441 Apr 22 j 19:22	0°♈	
morning set	-1441 May 02 j 21:10	19°♈28'10	
asc. node	-1441 May 05 j 14:55	25°♈18'33	
	-1441 May 07 j 18:43	0°♉	
superior conj	-1441 May 09 j 22:08	4°♉41'14	0°43'59
minimum elong	-1441 May 09 j 20:19	4°♉31'21	0°43'39
max. Earth dist.	-1441 May 10 j 14:15	6°♉09'23	1.32635 AU
evening rise	-1441 May 17 j 00:29	19°♉54'11	
	-1441 May 22 j 01:51	0°♊	
	-1441 Jun 09 j 20:10	0°♋	
desc. node	-1441 Jun 15 j 06:29	6°♋16'49	
evening max el	-1441 Jun 17 j 02:41	8°♋06'58	27°04'46
retrograde	-1441 Jul 01 j 01:06	15°♋25'59	
evening set	-1441 Jul 08 j 01:01	13°♋12'46	
min. Earth dist.	-1441 Jul 11 j 16:35	10°♋29'19	0.61326 AU
inferior conj	-1441 Jul 14 j 21:10	7°♋40'53	-4°-22'-45
minimum elong	-1441 Jul 15 j 00:19	7°♋33'55	4°22'21
morning rise	-1441 Jul 22 j 02:33	2°♋47'30	
direct	-1441 Jul 24 j 13:32	2°♋22'36	
morning max el	-1441 Jul 31 j 13:47	5°♋51'27	18°00'31
asc. node	-1441 Aug 01 j 14:08	6°♋54'13	
	-1441 Aug 15 j 23:41	0°♌	
morning set	-1441 Aug 16 j 12:00	0°♌56'40	
superior conj	-1441 Aug 26 j 20:13	19°♌38'53	1°29'29
minimum elong	-1441 Aug 27 j 00:35	19°♌58'01	1°29'06
	-1441 Sep 01 j 21:05	0°♍	
max. Earth dist.	-1441 Sep 03 j 08:37	2°♍28'08	1.42124 AU
evening rise	-1441 Sep 09 j 15:37	12°♍40'46	
desc. node	-1441 Sep 11 j 05:53	15°♍11'57	
	-1441 Sep 20 j 22:22	0°♎	
greatest brilliancy	-1441 Oct 07 j 10:38	22°♎49'08	-0.3m
evening max el	-1441 Oct 12 j 04:14	28°♎09'34	22°12'14
	-1441 Oct 14 j 02:34	0°♏	
retrograde	-1441 Oct 21 j 14:48	3°♏46'29	
evening set	-1441 Oct 26 j 01:02	2°♏01'13	
	-1441 Oct 28 j 02:35	30°℞♎	
asc. node	-1441 Oct 28 j 13:18	29°♎28'42	
inferior conj	-1441 Oct 31 j 10:11	25°♎41'18	0°58'40
minimum elong	-1441 Oct 31 j 08:52	25°♎45'53	0°58'06
min. Earth dist.	-1441 Oct 31 j 10:32	25°♎40'05	0.67541 AU
morning rise	-1441 Nov 05 j 16:30	19°♎26'07	
direct	-1441 Nov 10 j 08:08	17°♎31'33	
morning max el	-1441 Nov 19 j 23:18	23°♎14'42	22°31'01
greatest brilliancy	-1441 Nov 24 j 15:02	28°♎28'16	-0.3m
	-1441 Nov 25 j 20:46	0°♏	
desc. node	-1441 Dec 08 j 05:14	16°♏59'35	
	-1441 Dec 16 j 19:49	0°♐	
morning set	-1441 Dec 23 j 14:28	10°♐47'35	
max. Earth dist.	-1441 Dec 28 j 20:06	19°♐29'46	1.40541 AU
	-1440 Jan 03 j 21:16	0°♑	
superior conj	-1440 Jan 05 j 15:17	3°♑08'00	-1°-59'-12
minimum elong	-1440 Jan 05 j 15:59	3°♑11'12	1°59'14
evening rise	-1440 Jan 15 j 16:12	21°♑46'07	
	-1440 Jan 20 j 02:02	0°♒	
asc. node	-1440 Jan 24 j 12:36	7°♒47'08	
evening max el	-1440 Jan 31 j 21:16	17°♒43'20	18°20'44
retrograde	-1440 Feb 08 j 03:24	21°♒18'52	
evening set	-1440 Feb 10 j 15:18	20°♒54'28	
inferior conj	-1440 Feb 17 j 20:30	16°♒15'19	3°36'45
minimum elong	-1440 Feb 17 j 23:19	16°♒09'22	3°36'22
min. Earth dist.	-1440 Feb 21 j 06:26	13°♒24'23	0.59305 AU
morning rise	-1440 Feb 25 j 03:49	10°♒43'19	
direct	-1440 Mar 02 j 13:05	8°♒54'25	
desc. node	-1440 Mar 05 j 04:20	9°♒12'26	
morning max el	-1440 Mar 16 j 20:05	16°♒35'27	27°03'49
	-1440 Mar 27 j 20:40	0°♓	
	-1440 Apr 14 j 04:14	0°♈	
morning set	-1440 Apr 16 j 06:52	4°♈20'02	
asc. node	-1440 Apr 21 j 11:56	15°♈29'22	
superior conj	-1440 Apr 23 j 09:53	19°♈40'53	0°20'07
minimum elong	-1440 Apr 23 j 08:59	19°♈36'00	0°19'55
max. Earth dist.	-1440 Apr 23 j 03:09	19°♈04'00	1.32419 AU
	-1440 Apr 28 j 03:27	0°♉	
evening rise	-1440 Apr 30 j 09:12	4°♉45'46	
	-1440 May 13 j 20:50	0°♊	
evening max el	-1440 May 29 j 02:29	19°♊50'49	26°12'07
desc. node	-1440 Jun 01 j 03:30	22°♊30'02	
retrograde	-1440 Jun 12 j 04:01	27°♊05'55	
evening set	-1440 Jun 18 j 10:58	25°♊28'15	
min. Earth dist.	-1440 Jun 22 j 15:27	22°♊49'21	0.59273 AU
inferior conj	-1440 Jun 25 j 23:53	20°♊15'31	-4°-35'-56
minimum elong	-1440 Jun 26 j 00:00	20°♊15'17	4°35'55
morning rise	-1440 Jul 03 j 16:36	15°♊44'32	
direct	-1440 Jul 06 j 03:57	15°♊23'20	
morning max el	-1440 Jul 13 j 22:51	19°♊06'58	18°26'08
asc. node	-1440 Jul 18 j 11:11	24°♊29'20	
	-1440 Jul 22 j 00:30	0°♋	
morning set	-1440 Jul 30 j 00:31	14°♋39'11	
	-1440 Aug 07 j 02:04	0°♌	
superior conj	-1440 Aug 08 j 04:15	2°♌01'30	1°44'09
minimum elong	-1440 Aug 08 j 06:20	2°♌11'06	1°44'04
max. Earth dist.	-1440 Aug 15 j 13:43	15°♌15'41	1.40233 AU
evening rise	-1440 Aug 20 j 01:48	22°♌53'56	
	-1440 Aug 24 j 10:20	0°♍	
desc. node	-1440 Aug 28 j 02:52	5°♍48'44	
	-1440 Sep 13 j 21:38	0°♎	
evening max el	-1440 Sep 23 j 18:21	11°♎39'18	23°32'20
retrograde	-1440 Oct 04 j 07:36	17°♎53'10	
evening set	-1440 Oct 09 j 07:42	15°♎49'15	
asc. node	-1440 Oct 14 j 10:21	9°♎49'25	
inferior conj	-1440 Oct 14 j 17:01	9°♎26'37	0°05'45
minimum elong	-1440 Oct 14 j 16:53	9°♎27'05	0°05'42
transit middle	-1440 Oct 14 j 16:53	9°♎27'05	0°05'42
transit begin	-1440 Oct 14 j 14:21	9°♎35'47	
transit end	-1440 Oct 14 j 19:25	9°♎18'24	
min. Earth dist.	-1440 Oct 14 j 07:06	10°♎00'34	0.67534 AU
morning rise	-1440 Oct 20 j 02:08	3°♎15'14	
direct	-1440 Oct 24 j 03:45	1°♎42'31	
morning max el	-1440 Nov 01 j 15:42	6°♎41'24	21°09'23
greatest brilliancy	-1440 Nov 07 j 02:21	13°♎00'29	-0.5m
	-1440 Nov 19 j 05:56	0°♏	
desc. node	-1440 Nov 24 j 02:16	7°♏14'55	
morning set	-1440 Dec 01 j 23:36	19°♏24'06	
	-1440 Dec 08 j 15:06	0°♐	
max. Earth dist.	-1440 Dec 09 j 23:00	2°♐09'53	1.42469 AU
superior conj	-1440 Dec 17 j 02:47	14°♐07'05	-1°-55'-5

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1440 Dec 16 j 23:25	13°♐52'45	1°55'00	
	-1440 Dec 26 j 04:16	0°♑		
evening rise	-1440 Dec 28 j 14:28	4°♑21'32		
asc. node	-1439 Jan 10 j 09:37	26°♑00'42		
	-1439 Jan 13 j 14:09	0°♒		
evening max el	-1439 Jan 14 j 07:46	0°♒45'39	18°08'01	
retrograde	-1439 Jan 20 j 23:57	4°♒11'42		
evening set	-1439 Jan 23 j 15:42	3°♒39'10		
	-1439 Jan 28 j 20:44	30°℞♑		
inferior conj	-1439 Jan 30 j 07:16	28°♑38'04	3°54'33	
minimum elong	-1439 Jan 30 j 07:38	28°♑37'11	3°54'31	
min. Earth dist.	-1439 Feb 02 j 09:14	25°♑40'10	0.61374 AU	
morning rise	-1439 Feb 05 j 21:03	22°♑49'25		
direct	-1439 Feb 12 j 19:12	20°♑26'27		
desc. node	-1439 Feb 20 j 01:25	22°♑44'00		
morning max el	-1439 Feb 26 j 21:48	28°♑13'56	27°41'02	
	-1439 Feb 28 j 15:12	0°♒		
	-1439 Mar 21 j 13:59	0°♓		
morning set	-1439 Mar 31 j 12:43	18°♓58'19		
	-1439 Apr 05 j 18:07	0°♈		
max. Earth dist.	-1439 Apr 06 j 14:54	1°♈52'36	1.32564 AU	
superior conj	-1439 Apr 07 j 20:48	4°♈35'16	0°-5'-21	
minimum elong	-1439 Apr 07 j 21:03	4°♈36'37	0°05'19	
behind sun begin	-1439 Apr 07 j 16:14	4°♈10'23		
behind sun end	-1439 Apr 08 j 01:52	5°♈02'52		
asc. node	-1439 Apr 08 j 08:58	5°♈41'42		
evening rise	-1439 Apr 14 j 20:25	19°♈42'16		
	-1439 Apr 19 j 21:54	0°♉		
	-1439 May 09 j 22:17	0°♊		
evening max el	-1439 May 10 j 20:09	0°♊53'50	24°52'55	
desc. node	-1439 May 19 j 00:31	6°♊42'01		
retrograde	-1439 May 24 j 20:03	7°♊59'39		
evening set	-1439 May 29 j 22:15	7°♊00'33		
min. Earth dist.	-1439 Jun 04 j 07:55	4°♊09'22	0.57331 AU	
inferior conj	-1439 Jun 07 j 07:16	2°♊11'10	-4°-18'-18	
minimum elong	-1439 Jun 07 j 03:07	2°♊18'06	4°17'46	
	-1439 Jun 10 j 18:36	30°℞♉		
morning rise	-1439 Jun 15 j 11:54	28°♉01'10		
direct	-1439 Jun 18 j 00:51	27°♉42'35		
	-1439 Jun 24 j 16:28	0°♊		
morning max el	-1439 Jun 27 j 00:16	1°♊53'41	19°12'25	
asc. node	-1439 Jul 05 j 08:15	12°♊52'38		
morning set	-1439 Jul 13 j 22:39	28°♊51'45		
	-1439 Jul 14 j 12:24	0°♋		
superior conj	-1439 Jul 22 j 06:19	15°♋19'18	1°47'59	
minimum elong	-1439 Jul 22 j 06:13	15°♋18'49	1°48'01	
max. Earth dist.	-1439 Jul 28 j 16:34	27°♋25'33	1.38247 AU	
	-1439 Jul 30 j 02:42	0°♌		
evening rise	-1439 Aug 01 j 13:25	4°♌20'12		
desc. node	-1439 Aug 14 j 23:52	26°♌14'34		
	-1439 Aug 17 j 12:05	0°♍		
evening max el	-1439 Sep 06 j 06:03	25°♍12'32	24°50'58	
	-1439 Sep 12 j 01:52	0°♎		
retrograde	-1439 Sep 17 j 20:24	1°♎57'20		
	-1439 Sep 22 j 23:22	30°℞♍		
evening set	-1439 Sep 23 j 11:27	29°♍35'14		
min. Earth dist.	-1439 Sep 28 j 01:55	24°♍21'28	0.67216 AU	
inferior conj	-1439 Sep 28 j 22:24	23°♍13'39	0°-48'-55	
minimum elong	-1439 Sep 28 j 23:36	23°♍09'41	0°48'25	
asc. node	-1439 Oct 01 j 07:26	20°♍12'12		
morning rise	-1439 Oct 04 j 12:09	17°♍09'06		
direct	-1439 Oct 08 j 01:31	15°♍56'07		
morning max el	-1439 Oct 15 j 15:39	20°♍18'09	19°58'54	
greatest brilliancy	-1439 Oct 23 j 01:00	29°♍24'43	-0.6m	
	-1439 Oct 23 j 11:10	0°♎		
morning set	-1439 Nov 10 j 20:31	27°♎33'10		
desc. node	-1439 Nov 10 j 23:16	27°♎43'48		
	-1439 Nov 12 j 10:26	0°♏		
max. Earth dist.	-1439 Nov 22 j 09:55	15°♏41'16	1.43950 AU	
superior conj	-1439 Nov 27 j 11:21	23°♏50'24	-1°-34'-18	
minimum elong	-1439 Nov 27 j 04:01	23°♏20'37	1°33'41	
	-1439 Dec 01 j 05:28	0°♐		
evening rise	-1439 Dec 10 j 18:50	16°♐06'52		
	-1439 Dec 18 j 22:42	0°♑		
asc. node	-1439 Dec 28 j 06:41	13°♑25'44		
evening max el	-1439 Dec 28 j 20:16	14°♑01'14	18°14'33	
retrograde	-1438 Jan 04 j 08:23	17°♑30'52		
evening set	-1438 Jan 07 j 04:05	16°♑49'19		
inferior conj	-1438 Jan 13 j 09:09	11°♑27'29	3°49'30	
minimum elong	-1438 Jan 13 j 07:36	11°♑31'45	3°49'19	
min. Earth dist.	-1438 Jan 15 j 21:13	8°♑44'13	0.63275 AU	
morning rise	-1438 Jan 19 j 09:24	5°♑27'32		
direct	-1438 Jan 26 j 09:33	2°♑43'09		
desc. node	-1438 Feb 06 j 22:29	8°♑24'39		
morning max el	-1438 Feb 09 j 04:47	10°♑31'57	27°41'28	
	-1438 Feb 24 j 12:43	0°♒		
	-1438 Mar 13 j 21:07	0°♓		
morning set	-1438 Mar 15 j 12:19	3°♓14'04		
max. Earth dist.	-1438 Mar 20 j 21:26	14°♓20'13	1.33092 AU	
superior conj	-1438 Mar 23 j 05:06	19°♓17'23	0°-31'-32	
minimum elong	-1438 Mar 23 j 06:35	19°♓25'19	0°31'15	
asc. node	-1438 Mar 26 j 06:00	25°♓50'40		
	-1438 Mar 28 j 04:19	0°♈		
evening rise	-1438 Mar 30 j 08:10	4°♈35'49		
	-1438 Apr 13 j 03:35	0°♉		
evening max el	-1438 Apr 22 j 11:08	11°♉32'12	23°19'28	
retrograde	-1438 May 05 j 23:35	18°♉16'04		
desc. node	-1438 May 05 j 21:36	18°♉16'03		
evening set	-1438 May 09 j 16:03	17°♉46'16		
min. Earth dist.	-1438 May 16 j 21:20	14°♉29'28	0.55828 AU	
inferior conj	-1438 May 18 j 18:43	13°♉22'34	-3°-19'-2	
minimum elong	-1438 May 18 j 11:56	13°♉32'36	3°17'20	
morning rise	-1438 May 27 j 11:09	9°♉26'35		
direct	-1438 May 30 j 02:42	9°♉09'28		
morning max el	-1438 Jun 09 j 15:39	14°♉02'18	20°19'28	
	-1438 Jun 21 j 04:34	0°♊		
asc. node	-1438 Jun 22 j 05:19	1°♊52'01		
morning set	-1438 Jun 28 j 03:23	13°♊25'41		
superior conj	-1438 Jul 05 j 21:18	29°♊17'13	1°43'25	
minimum elong	-1438 Jul 05 j 19:41	29°♊09'05	1°43'22	
	-1438 Jul 06 j 05:46	0°♋		
max. Earth dist.	-1438 Jul 10 j 22:14	9°♋14'49	1.36395 AU	
evening rise	-1438 Jul 14 j 23:17	16°♋51'53		
	-1438 Jul 22 j 10:37	0°♌		
desc. node	-1438 Aug 01 j 20:53	16°♌23'45		
	-1438 Aug 11 j 20:52	0°♍		
evening max el	-1438 Aug 19 j 17:16	8°♍47'35	26°00'39	
retrograde	-1438 Sep 01 j 04:40	15°♍54'21		
evening set	-1438 Sep 07 j 10:26	13°♍17'15		
min. Earth dist.	-1438 Sep 11 j 16:37	8°♍40'39	0.66561 AU	
inferior conj	-1438 Sep 13 j 00:32	7°♍00'26	-1°-43'-45	
minimum elong	-1438 Sep 13 j 03:05	6°♍52'25	1°42'45	
asc. node	-1438 Sep 18 j 04:31	1°♍32'13		
morning rise	-1438 Sep 18 j 20:34	1°♍05'45		
direct	-1438 Sep 21 j 23:50	0°♍09'14		
morning max el	-1438 Sep 28 j 22:49	4°♍04'07	19°02'45	
	-1438 Oct 17 j 03:32	0°♎		
morning set	-1438 Oct 21 j 05:41	6°♎25'26		
desc. node	-1438 Oct 28 j 20:17	18°♎22'17		

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

max. Earth dist.	-1438 Nov 05 j 02:13	29°♎45'47	1.44795 AU
	-1438 Nov 05 j 05:50	0°♏	
superior conj	-1438 Nov 06 j 19:49	2°♏29'53	0°-56'-2
minimum elong	-1438 Nov 06 j 13:02	2°♏03'07	0°55'15
evening rise	-1438 Nov 22 j 01:08	26°♏55'09	
	-1438 Nov 23 j 22:26	0°♐	
evening max el	-1438 Dec 12 j 08:06	27°♐24'29	18°39'27
asc. node	-1438 Dec 15 j 03:45	29°♐48'52	
	-1438 Dec 15 j 10:42	0°♑	
retrograde	-1438 Dec 19 j 00:23	1°♑08'30	
evening set	-1438 Dec 22 j 01:05	0°♑16'41	
	-1438 Dec 22 j 12:08	30°℞♐	
inferior conj	-1438 Dec 27 j 22:20	24°♐36'36	3°28'16
minimum elong	-1438 Dec 27 j 19:43	24°♐44'29	3°27'45
min. Earth dist.	-1438 Dec 29 j 19:15	22°♐22'07	0.64861 AU
morning rise	-1437 Jan 02 j 13:10	18°♐28'52	
direct	-1437 Jan 09 j 07:01	15°♐37'48	
morning max el	-1437 Jan 22 j 14:23	23°♐20'31	27°07'42
desc. node	-1437 Jan 24 j 19:33	25°♐39'25	
	-1437 Jan 28 j 13:37	0°♑	
	-1437 Feb 17 j 19:39	0°♒	
morning set	-1437 Feb 27 j 02:42	16°♒57'58	
max. Earth dist.	-1437 Mar 03 j 18:51	26°♒15'38	1.34041 AU
	-1437 Mar 05 j 14:29	0°♓	
superior conj	-1437 Mar 07 j 08:52	3°♓41'08	0°-57'-23
minimum elong	-1437 Mar 07 j 11:30	3°♓54'56	0°56'55
asc. node	-1437 Mar 13 j 03:04	15°♓52'18	
evening rise	-1437 Mar 14 j 18:42	19°♓20'19	
	-1437 Mar 20 j 02:02	0°♈	
evening max el	-1437 Apr 04 j 06:20	22°♈15'57	21°46'25
retrograde	-1437 Apr 16 j 16:24	28°♈18'41	
evening set	-1437 Apr 19 j 07:00	28°♈03'25	
desc. node	-1437 Apr 22 j 18:40	26°♈59'51	
inferior conj	-1437 Apr 28 j 15:58	24°♈00'02	-1°-38'-47
minimum elong	-1437 Apr 28 j 11:27	24°♈06'24	1°37'15
min. Earth dist.	-1437 Apr 28 j 10:35	24°♈07'36	0.55088 AU
morning rise	-1437 May 07 j 16:53	20°♈02'24	
direct	-1437 May 10 j 15:10	19°♈43'28	
morning max el	-1437 May 22 j 20:07	25°♈28'50	21°45'03
	-1437 May 27 j 00:35	0°♉	
asc. node	-1437 Jun 09 j 02:21	21°♉18'30	
morning set	-1437 Jun 12 j 12:23	28°♉14'16	
	-1437 Jun 13 j 08:42	0°♊	
superior conj	-1437 Jun 19 j 21:15	13°♊43'26	1°32'24
minimum elong	-1437 Jun 19 j 18:52	13°♊30'54	1°32'11
max. Earth dist.	-1437 Jun 23 j 11:47	21°♊09'14	1.34856 AU
	-1437 Jun 27 j 23:09	0°♋	
evening rise	-1437 Jun 28 j 02:25	0°♋15'41	
	-1437 Jul 15 j 12:15	0°♌	
desc. node	-1437 Jul 19 j 17:56	6°♌08'18	
evening max el	-1437 Aug 02 j 04:52	22°♌18'14	26°53'30
retrograde	-1437 Aug 15 j 07:55	29°♌36'37	
evening set	-1437 Aug 22 j 02:18	26°♌51'18	
min. Earth dist.	-1437 Aug 26 j 00:53	22°♌52'42	0.65550 AU
inferior conj	-1437 Aug 27 j 21:22	20°♌42'51	-2°-36'-50
minimum elong	-1437 Aug 28 j 01:05	20°♌31'59	2°35'33
morning rise	-1437 Sep 03 j 01:10	15°♌01'09	
asc. node	-1437 Sep 05 j 01:34	14°♌20'56	
direct	-1437 Sep 05 j 20:43	14°♌17'24	
morning max el	-1437 Sep 12 j 11:12	17°♌54'18	18°22'37
	-1437 Sep 21 j 10:27	0°♍	
morning set	-1437 Oct 01 j 17:31	16°♍37'20	
	-1437 Oct 10 j 00:01	0°♎	
desc. node	-1437 Oct 15 j 17:18	9°♎06'13	
superior conj	-1437 Oct 16 j 20:06	10°♎52'07	0°-7'-15
minimum elong	-1437 Oct 16 j 19:09	10°♎48'22	0°07'08
behind sun begin	-1437 Oct 16 j 08:58	10°♎08'11	
behind sun end	-1437 Oct 17 j 05:19	11°♎28'31	
max. Earth dist.	-1437 Oct 18 j 20:32	14°♎03'03	1.44919 AU
	-1437 Oct 29 j 00:29	0°♏	
evening rise	-1437 Nov 02 j 07:15	6°♏42'50	
greatest brilliancy	-1437 Nov 16 j 07:16	28°♏25'58	-0.7m
	-1437 Nov 17 j 08:39	0°♐	
evening max el	-1437 Nov 25 j 16:56	10°♐50'55	19°21'27
asc. node	-1437 Dec 02 j 00:48	14°♐54'20	
retrograde	-1437 Dec 02 j 20:25	14°♐58'06	
evening set	-1437 Dec 06 j 03:50	13°♐54'12	
inferior conj	-1437 Dec 11 j 19:29	7°♐58'48	2°55'34
minimum elong	-1437 Dec 11 j 16:33	8°♐08'13	2°54'45
min. Earth dist.	-1437 Dec 13 j 02:06	6°♐20'23	0.66076 AU
morning rise	-1437 Dec 17 j 04:27	1°♐45'59	
	-1437 Dec 19 j 16:00	30°℞♏	
direct	-1437 Dec 23 j 10:44	29°♏01'25	
	-1437 Dec 27 j 13:15	0°♐	
morning max el	-1436 Jan 04 j 23:52	6°♐25'48	26°06'40
desc. node	-1436 Jan 11 j 16:35	14°♐00'19	
	-1436 Jan 23 j 06:55	0°♑	
morning set	-1436 Feb 10 j 03:44	29°♑56'57	
	-1436 Feb 10 j 04:23	0°♒	
max. Earth dist.	-1436 Feb 14 j 04:15	7°♒35'19	1.35439 AU
superior conj	-1436 Feb 19 j 05:38	17°♒38'54	-1°-21'-27
minimum elong	-1436 Feb 19 j 09:04	17°♒56'23	1°20'58
	-1436 Feb 25 j 05:33	0°♓	
evening rise	-1436 Feb 27 j 02:02	3°♓49'02	
asc. node	-1436 Feb 28 j 00:07	5°♓41'47	
	-1436 Mar 13 j 06:39	0°♈	
evening max el	-1436 Mar 16 j 11:15	3°♈29'14	20°25'03
retrograde	-1436 Mar 27 j 06:09	8°♈38'56	
evening set	-1436 Mar 29 j 10:46	8°♈27'03	
inferior conj	-1436 Apr 07 j 11:44	4°♈29'23	0°19'45
minimum elong	-1436 Apr 07 j 12:38	4°♈28'04	0°19'26
desc. node	-1436 Apr 08 j 15:42	3°♈48'24	
min. Earth dist.	-1436 Apr 09 j 00:38	3°♈35'24	0.55290 AU
morning rise	-1436 Apr 16 j 12:20	0°♈11'22	
	-1436 Apr 17 j 07:57	30°℞♓	
direct	-1436 Apr 20 j 03:44	29°♓42'29	
	-1436 Apr 22 j 22:41	0°♈	
morning max el	-1436 May 03 j 15:20	6°♈18'38	23°23'01
	-1436 May 20 j 08:23	0°♉	
asc. node	-1436 May 25 j 23:24	11°♉05'05	
morning set	-1436 May 26 j 23:47	13°♉12'00	
superior conj	-1436 Jun 03 j 03:15	28°♉28'49	1°16'27
minimum elong	-1436 Jun 03 j 00:42	28°♉15'10	1°16'06
	-1436 Jun 03 j 20:19	0°♊	
max. Earth dist.	-1436 Jun 05 j 11:12	3°♊26'24	1.33699 AU
evening rise	-1436 Jun 10 j 18:08	14°♊18'28	
	-1436 Jun 19 j 02:46	0°♋	
desc. node	-1436 Jul 05 j 14:58	25°♋17'48	
	-1436 Jul 09 j 10:31	0°♌	
evening max el	-1436 Jul 14 j 16:10	5°♌34'59	27°22'08
retrograde	-1436 Jul 28 j 05:30	12°♌56'16	
evening set	-1436 Aug 04 j 08:12	10°♌13'07	
min. Earth dist.	-1436 Aug 08 j 00:41	6°♌50'17	0.64172 AU
inferior conj	-1436 Aug 10 j 10:29	4°♌16'37	-3°-25'-27
minimum elong	-1436 Aug 10 j 14:52	4°♌04'56	3°24'15
	-1436 Aug 15 j 00:01	30°℞♋	
morning rise	-1436 Aug 16 j 23:23	28°♋51'00	
direct	-1436 Aug 19 j 13:46	28°♋16'37	
asc. node	-1436 Aug 21 j 22:36	28°♋45'21	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1436 Aug 24 j 02:45	0°♌	
morning max el	-1436 Aug 26 j 02:18	1°♌43'41	17°59'38
morning set	-1436 Sep 12 j 08:42	28°♌08'32	
	-1436 Sep 13 j 10:49	0°♍	
superior conj	-1436 Sep 25 j 10:19	19°♍58'53	0°39'35
minimum elong	-1436 Sep 25 j 14:32	20°♍16'00	0°39'03
max. Earth dist.	-1436 Sep 30 j 13:59	28°♍16'01	1.44321 AU
desc. node	-1436 Oct 01 j 14:20	29°♍52'42	
	-1436 Oct 01 j 16:10	0°♎	
evening rise	-1436 Oct 11 j 18:08	15°♎44'43	
	-1436 Oct 21 j 02:17	0°♏	
greatest brilliancy	-1436 Nov 01 j 09:03	16°♏23'35	-0.6m
evening max el	-1436 Nov 07 j 20:58	24°♏18'45	20°18'39
retrograde	-1436 Nov 15 j 17:51	28°♏56'33	
asc. node	-1436 Nov 17 j 21:50	28°♏29'37	
evening set	-1436 Nov 19 j 10:05	27°♏38'12	
inferior conj	-1436 Nov 24 j 21:57	21°♏30'39	2°14'38
minimum elong	-1436 Nov 24 j 19:19	21°♏39'31	2°13'43
min. Earth dist.	-1436 Nov 25 j 15:47	20°♏30'37	0.66921 AU
morning rise	-1436 Nov 30 j 04:01	15°♏15'11	
direct	-1436 Dec 05 j 19:50	12°♏46'33	
morning max el	-1436 Dec 17 j 08:17	19°♏38'13	24°47'44
	-1436 Dec 26 j 04:45	0°♐	
desc. node	-1436 Dec 28 j 13:37	3°♐08'19	
	-1435 Jan 15 j 10:23	0°♑	
morning set	-1435 Jan 22 j 10:01	11°♑55'43	
max. Earth dist.	-1435 Jan 26 j 03:12	18°♑37'37	1.37259 AU
	-1435 Feb 01 j 03:34	0°♒	
superior conj	-1435 Feb 01 j 16:20	1°♒02'07	-1°-41'-45
minimum elong	-1435 Feb 01 j 19:50	1°♒19'12	1°41'27
evening rise	-1435 Feb 10 j 03:59	17°♒55'43	
asc. node	-1435 Feb 13 j 21:10	25°♒13'42	
	-1435 Feb 16 j 10:23	0°♓	
evening max el	-1435 Feb 27 j 03:10	15°♓19'45	19°21'09
retrograde	-1435 Mar 08 j 05:41	19°♓41'09	
evening set	-1435 Mar 10 j 11:22	19°♓26'33	
inferior conj	-1435 Mar 18 j 19:40	15°♓18'32	2°03'26
minimum elong	-1435 Mar 19 j 00:01	15°♓11'21	2°02'08
min. Earth dist.	-1435 Mar 21 j 15:30	13°♓27'10	0.56395 AU
desc. node	-1435 Mar 26 j 12:45	10°♓48'54	
morning rise	-1435 Mar 27 j 08:51	10°♓29'40	
direct	-1435 Apr 01 j 02:47	9°♓38'04	
morning max el	-1435 Apr 15 j 06:05	16°♓50'15	25°02'01
	-1435 Apr 25 j 22:56	0°♈	
morning set	-1435 May 11 j 11:51	28°♈12'20	
	-1435 May 12 j 08:13	0°♉	
asc. node	-1435 May 12 j 20:27	1°♉05'05	
superior conj	-1435 May 18 j 12:56	13°♉24'48	0°56'43
minimum elong	-1435 May 18 j 10:44	13°♉12'51	0°56'19
max. Earth dist.	-1435 May 19 j 18:40	16°♉06'20	1.32923 AU
evening rise	-1435 May 25 j 18:39	28°♉47'36	
	-1435 May 26 j 08:52	0°♊	
	-1435 Jun 12 j 07:17	0°♋	
desc. node	-1435 Jun 22 j 11:58	13°♋36'41	
evening max el	-1435 Jun 27 j 00:56	18°♋24'00	27°20'36
retrograde	-1435 Jul 10 j 20:32	25°♋43'27	
evening set	-1435 Jul 18 j 00:25	23°♋15'31	
min. Earth dist.	-1435 Jul 21 j 14:24	20°♋21'19	0.62449 AU
inferior conj	-1435 Jul 24 j 12:59	17°♋34'06	-4°-5'-42
minimum elong	-1435 Jul 24 j 17:01	17°♋24'29	4°04'57
morning rise	-1435 Jul 31 j 12:04	12°♋27'57	
direct	-1435 Aug 02 j 23:45	12°♋00'04	
asc. node	-1435 Aug 08 j 19:39	14°♋35'24	
morning max el	-1435 Aug 09 j 17:18	15°♋25'30	17°54'44
	-1435 Aug 19 j 20:42	0°♌	
morning set	-1435 Aug 25 j 21:45	10°♌42'18	
	-1435 Sep 05 j 21:18	0°♍	
superior conj	-1435 Sep 06 j 02:51	0°♍23'39	1°15'14
minimum elong	-1435 Sep 06 j 08:03	0°♍45'45	1°14'40
max. Earth dist.	-1435 Sep 13 j 04:02	12°♍07'42	1.43076 AU
desc. node	-1435 Sep 18 j 11:21	20°♍38'07	
evening rise	-1435 Sep 21 j 00:43	24°♍39'00	
	-1435 Sep 24 j 11:42	0°♎	
	-1435 Oct 15 j 05:18	0°♏	
greatest brilliancy	-1435 Oct 16 j 18:13	1°♏58'11	-0.4m
evening max el	-1435 Oct 21 j 19:10	7°♏46'42	21°28'14
retrograde	-1435 Oct 30 j 14:42	13°♏00'47	
evening set	-1435 Nov 03 j 17:52	11°♏25'44	
asc. node	-1435 Nov 04 j 18:51	10°♏31'28	
inferior conj	-1435 Nov 09 j 03:35	5°♏09'21	1°27'43
minimum elong	-1435 Nov 09 j 01:41	5°♏15'54	1°26'57
min. Earth dist.	-1435 Nov 09 j 10:00	4°♏47'16	0.67409 AU
	-1435 Nov 13 j 05:24	30°℞♎	
morning rise	-1435 Nov 14 j 09:12	28°♎53'34	
direct	-1435 Nov 19 j 09:35	26°♎46'09	
	-1435 Nov 26 j 12:55	0°♏	
morning max el	-1435 Nov 29 j 17:22	2°♏54'58	23°20'59
greatest brilliancy	-1435 Dec 05 j 02:14	8°♏58'02	-0.2m
desc. node	-1435 Dec 15 j 10:40	22°♏49'51	
	-1435 Dec 20 j 08:20	0°♐	
morning set	-1434 Jan 03 j 15:21	22°♐38'09	
	-1434 Jan 07 j 22:42	0°♑	
max. Earth dist.	-1434 Jan 07 j 22:42	29°♐59'57	1.39336 AU
superior conj	-1434 Jan 15 j 12:52	13°♑39'59	-1°-55'-34
minimum elong	-1434 Jan 15 j 15:07	13°♑50'27	1°55'31
	-1434 Jan 24 j 02:31	0°♒	
evening rise	-1434 Jan 24 j 21:56	1°♒33'42	
asc. node	-1434 Jan 31 j 18:11	14°♒21'55	
evening max el	-1434 Feb 10 j 04:29	27°♒44'25	18°36'57
	-1434 Feb 13 j 00:33	0°♓	
retrograde	-1434 Feb 17 j 23:31	1°♓32'16	
evening set	-1434 Feb 20 j 09:09	1°♓11'54	
	-1434 Feb 23 j 05:45	30°℞♒	
inferior conj	-1434 Feb 27 j 23:34	26°♒44'41	3°12'55
minimum elong	-1434 Feb 28 j 03:36	26°♒36'54	3°12'08
min. Earth dist.	-1434 Mar 03 j 08:46	24°♒09'32	0.58143 AU
morning rise	-1434 Mar 07 j 18:11	21°♒26'11	
desc. node	-1434 Mar 13 j 09:47	20°♒00'03	
direct	-1434 Mar 13 j 15:00	19°♒59'56	
morning max el	-1434 Mar 27 j 22:43	27°♒32'59	26°26'59
	-1434 Mar 30 j 07:49	0°♓	
	-1434 Apr 19 j 08:26	0°♈	
morning set	-1434 Apr 25 j 22:56	13°♈09'29	
asc. node	-1434 Apr 29 j 17:31	21°♈13'32	
superior conj	-1434 May 03 j 00:25	28°♈24'56	0°34'06
minimum elong	-1434 May 02 j 22:58	28°♈16'59	0°33'49
max. Earth dist.	-1434 May 03 j 06:52	29°♈00'14	1.32506 AU
	-1434 May 03 j 17:46	0°♉	
evening rise	-1434 May 10 j 01:05	13°♉33'28	
	-1434 May 18 j 11:03	0°♊	
	-1434 Jun 08 j 14:49	0°♋	
evening max el	-1434 Jun 09 j 04:28	0°♋33'03	26°46'03
desc. node	-1434 Jun 09 j 08:59	0°♋43'44	
retrograde	-1434 Jun 23 j 04:04	7°♋49'55	
evening set	-1434 Jun 29 j 22:36	5°♋50'36	
min. Earth dist.	-1434 Jul 03 j 17:55	3°♋11'31	0.60467 AU
inferior conj	-1434 Jul 07 j 01:23	0°♋26'51	-4°-31'-19
minimum elong	-1434 Jul 07 j 03:29	0°♋22'29	4°31'10

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1434 Jul	07 j 14:19	30°℞♊	
morning rise	-1434 Jul	14 j 11:31	25°♊42'54	
direct	-1434 Jul	16 j 22:38	25°♊19'36	
morning max el	-1434 Jul	24 j 05:24	28°♊52'55	18°08'57
	-1434 Jul	25 j 07:34	0°♋	
asc. node	-1434 Jul	26 j 16:42	1°♋36'24	
morning set	-1434 Aug	09 j 03:01	24°♋02'59	
	-1434 Aug	12 j 07:17	0°♌	
superior conj	-1434 Aug	18 j 21:54	12°♌07'19	1°37'12
minimum elong	-1434 Aug	19 j 01:21	12°♌22'46	1°36'57
max. Earth dist.	-1434 Aug	26 j 12:36	25°♌21'55	1.41350 AU
	-1434 Aug	29 j 07:17	0°♍	
evening rise	-1434 Aug	31 j 21:18	4°♍13'14	
desc. node	-1434 Sep	05 j 08:20	11°♍19'01	
	-1434 Sep	17 j 19:34	0°♎	
greatest brilliancy	-1434 Sep	29 j 13:13	15°♎42'46	-0.3m
evening max el	-1434 Oct	04 j 11:39	21°♎14'32	22°46'02
retrograde	-1434 Oct	14 j 09:22	27°♎07'29	
evening set	-1434 Oct	19 j 01:26	25°♎14'03	
asc. node	-1434 Oct	22 j 15:54	21°♎17'02	
inferior conj	-1434 Oct	24 j 10:28	18°♎52'28	0°36'32
minimum elong	-1434 Oct	24 j 09:37	18°♎55'23	0°36'10
min. Earth dist.	-1434 Oct	24 j 06:21	19°♎06'42	0.67574 AU
morning rise	-1434 Oct	29 j 17:46	12°♎38'49	
direct	-1434 Nov	03 j 03:12	10°♎53'54	
morning max el	-1434 Nov	12 j 06:20	16°♎17'26	21°55'21
greatest brilliancy	-1434 Nov	17 j 01:39	21°♎44'10	-0.4m
	-1434 Nov	23 j 08:26	0°♏	
desc. node	-1434 Dec	02 j 07:41	12°♏54'39	
	-1434 Dec	13 j 10:28	0°♐	
morning set	-1434 Dec	14 j 15:33	1°♐55'57	
max. Earth dist.	-1434 Dec	20 j 21:47	12°♐09'10	1.41398 AU
superior conj	-1434 Dec	28 j 13:59	25°♐18'19	-1°-59'-16
minimum elong	-1434 Dec	28 j 13:09	25°♐14'38	1°59'18
	-1434 Dec	31 j 05:23	0°♑	
evening rise	-1433 Jan	08 j 04:31	14°♑34'17	
	-1433 Jan	16 j 19:00	0°♒	
asc. node	-1433 Jan	18 j 15:13	2°♒58'03	
evening max el	-1433 Jan	24 j 12:25	10°♒34'51	18°12'51
retrograde	-1433 Jan	31 j 11:28	14°♒05'00	
evening set	-1433 Feb	03 j 00:56	13°♒37'20	
inferior conj	-1433 Feb	09 j 23:55	8°♒48'35	3°47'35
minimum elong	-1433 Feb	10 j 01:41	8°♒44'37	3°47'25
min. Earth dist.	-1433 Feb	13 j 07:24	5°♒51'46	0.60188 AU
morning rise	-1433 Feb	16 j 23:19	3°♒08'20	
direct	-1433 Feb	23 j 15:12	1°♒04'06	
desc. node	-1433 Feb	28 j 06:51	2°♒00'32	
morning max el	-1433 Mar	09 j 21:05	8°♒48'44	27°24'06
	-1433 Mar	26 j 02:13	0°♓	
morning set	-1433 Apr	10 j 07:17	27°♓56'34	
	-1433 Apr	11 j 06:59	0°♈	
asc. node	-1433 Apr	16 j 14:34	11°♈25'27	
max. Earth dist.	-1433 Apr	16 j 19:49	11°♈54'06	1.32438 AU
superior conj	-1433 Apr	17 j 12:02	13°♈22'52	0°09'27
minimum elong	-1433 Apr	17 j 11:36	13°♈20'32	0°09'22
behind sun begin	-1433 Apr	17 j 07:32	12°♈58'14	
behind sun end	-1433 Apr	17 j 15:40	13°♈42'51	
evening rise	-1433 Apr	24 j 11:07	28°♈27'41	
	-1433 Apr	25 j 04:43	0°♉	
	-1433 May	12 j 02:21	0°♊	
evening max el	-1433 May	22 j 01:13	11°♊57'22	25°40'56
desc. node	-1433 May	27 j 06:00	16°♊09'48	
retrograde	-1433 Jun	05 j 02:46	19°♊10'11	
evening set	-1433 Jun	10 j 22:55	17°♊48'55	
min. Earth dist.	-1433 Jun	15 j 13:27	15°♊06'52	0.58415 AU
inferior conj	-1433 Jun	18 j 20:09	12°♊45'29	-4°-32'-56
minimum elong	-1433 Jun	18 j 18:30	12°♊48'29	4°32'51
morning rise	-1433 Jun	26 j 17:57	8°♊24'18	
direct	-1433 Jun	29 j 05:53	8°♊04'23	
morning max el	-1433 Jul	07 j 11:38	11°♊57'40	18°43'20
asc. node	-1433 Jul	13 j 13:48	19°♊33'35	
	-1433 Jul	19 j 15:50	0°♋	
morning set	-1433 Jul	23 j 20:02	7°♋59'19	
superior conj	-1433 Aug	01 j 14:21	24°♋55'49	1°46'57
minimum elong	-1433 Aug	01 j 15:27	25°♋00'58	1°46'57
	-1433 Aug	04 j 07:34	0°♌	
max. Earth dist.	-1433 Aug	08 j 15:59	7°♌51'17	1.39378 AU
evening rise	-1433 Aug	12 j 18:21	14°♌57'22	
	-1433 Aug	22 j 00:27	0°♍	
desc. node	-1433 Aug	23 j 05:21	1°♍51'50	
	-1433 Sep	12 j 15:17	0°♎	
evening max el	-1433 Sep	17 j 00:16	4°♎45'07	24°06'23
retrograde	-1433 Sep	28 j 00:45	11°♎13'55	
evening set	-1433 Oct	03 j 07:06	9°♎01'54	
min. Earth dist.	-1433 Oct	08 j 02:30	3°♎27'44	0.67431 AU
inferior conj	-1433 Oct	08 j 16:54	2°♎38'57	0°-17'-17
minimum elong	-1433 Oct	08 j 17:19	2°♎37'33	0°17'08
asc. node	-1433 Oct	09 j 12:57	1°♎31'32	
	-1433 Oct	10 j 17:14	30°℞♍	
morning rise	-1433 Oct	14 j 03:47	26°♍30'08	
direct	-1433 Oct	17 j 23:49	25°♍06'22	
morning max el	-1433 Oct	26 j 01:57	29°♍48'55	20°37'51
	-1433 Oct	26 j 06:18	0°♎	
greatest brilliancy	-1433 Nov	01 j 05:12	7°♎05'51	-0.5m
	-1433 Nov	17 j 01:10	0°♏	
desc. node	-1433 Nov	19 j 04:43	3°♏16'22	
morning set	-1433 Nov	23 j 16:43	10°♏12'33	
max. Earth dist.	-1433 Dec	03 j 03:49	25°♏11'07	1.43161 AU
	-1433 Dec	06 j 02:50	0°♐	
superior conj	-1433 Dec	09 j 14:18	5°♐45'16	-1°-48'-30
minimum elong	-1433 Dec	09 j 09:01	5°♐23'14	1°48'12
evening rise	-1433 Dec	21 j 19:45	26°♐49'27	
	-1433 Dec	23 j 14:57	0°♑	
asc. node	-1432 Jan	05 j 12:16	20°♑52'27	
evening max el	-1432 Jan	08 j 00:05	23°♑43'25	18°08'28
retrograde	-1432 Jan	14 j 13:37	27°♑09'44	
evening set	-1432 Jan	17 j 06:51	26°♑33'40	
inferior conj	-1432 Jan	23 j 17:38	21°♑23'43	3°54'44
minimum elong	-1432 Jan	23 j 17:05	21°♑25'08	3°54'41
min. Earth dist.	-1432 Jan	26 j 14:11	18°♑29'25	0.62214 AU
morning rise	-1432 Jan	30 j 01:06	15°♑29'28	
direct	-1432 Feb	06 j 01:16	12°♑55'18	
desc. node	-1432 Feb	15 j 03:55	16°♑31'06	
morning max el	-1432 Feb	20 j 01:24	20°♑44'57	27°45'34
	-1432 Feb	28 j 02:04	0°♒	
	-1432 Mar	18 j 01:12	0°♓	
morning set	-1432 Mar	24 j 10:49	12°♓26'21	
max. Earth dist.	-1432 Mar	30 j 05:41	24°♓34'27	1.32737 AU
superior conj	-1432 Mar	31 j 22:05	28°♓12'46	0°-16'-26
minimum elong	-1432 Mar	31 j 22:51	28°♓16'55	0°16'17
	-1432 Apr	01 j 17:50	0°♈	
asc. node	-1432 Apr	02 j 11:37	1°♈36'44	
evening rise	-1432 Apr	07 j 22:46	13°♈23'22	
	-1432 Apr	16 j 09:09	0°♉	
evening max el	-1432 May	02 j 16:59	22°♉46'31	24°14'01
desc. node	-1432 May	13 j 03:04	29°♉18'19	
retrograde	-1432 May	16 j 14:08	29°♉45'45	
evening set	-1432 May	21 j 01:33	29°♉01'01	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

min. Earth dist.	-1432 May 27 j 04:30	26°♉00'04	0.56610 AU
inferior conj	-1432 May 29 j 18:51	24°♉22'09	-3°-58'-41
minimum elong	-1432 May 29 j 13:08	24°♉31'10	3°57'38
morning rise	-1432 Jun 07 j 04:37	20°♉19'24	
direct	-1432 Jun 09 j 18:13	20°♉01'48	
morning max el	-1432 Jun 19 j 09:07	24°♉29'27	19°38'29
	-1432 Jun 24 j 04:16	0°♊	
asc. node	-1432 Jun 29 j 10:53	8°♊13'26	
morning set	-1432 Jul 06 j 21:18	22°♊21'34	
	-1432 Jul 10 j 16:08	0°♋	
superior conj	-1432 Jul 14 j 22:28	8°♋32'15	1°46'57
minimum elong	-1432 Jul 14 j 21:38	8°♋28'08	1°46'57
max. Earth dist.	-1432 Jul 20 j 18:51	19°♋47'22	1.37425 AU
evening rise	-1432 Jul 24 j 16:03	26°♋53'09	
	-1432 Jul 26 j 10:16	0°♌	
desc. node	-1432 Aug 09 j 02:22	22°♌11'17	
	-1432 Aug 14 j 11:37	0°♍	
evening max el	-1432 Aug 29 j 11:33	18°♍19'23	25°22'14
retrograde	-1432 Sep 10 j 11:48	25°♍15'19	
evening set	-1432 Sep 16 j 09:04	22°♍46'28	
min. Earth dist.	-1432 Sep 20 j 19:58	17°♍48'00	0.66974 AU
inferior conj	-1432 Sep 21 j 21:09	16°♍26'14	-1°-12'-15
minimum elong	-1432 Sep 21 j 22:55	16°♍20'28	1°11'32
asc. node	-1432 Sep 25 j 10:02	12°♍12'41	
morning rise	-1432 Sep 27 j 13:21	10°♍25'14	
direct	-1432 Sep 30 j 22:05	9°♍19'41	
morning max el	-1432 Oct 08 j 05:03	13°♍29'24	19°33'04
greatest brilliancy	-1432 Oct 16 j 23:30	24°♍41'10	-0.7m
	-1432 Oct 20 j 14:06	0°♎	
morning set	-1432 Nov 01 j 15:55	18°♎31'19	
desc. node	-1432 Nov 05 j 01:44	23°♎49'28	
	-1432 Nov 09 j 00:36	0°♏	
max. Earth dist.	-1432 Nov 14 j 16:48	8°♏56'27	1.44393 AU
superior conj	-1432 Nov 18 j 11:34	14°♏57'58	-1°-20'00
minimum elong	-1432 Nov 18 j 03:42	14°♏26'26	1°19'14
	-1432 Nov 27 j 17:21	0°♐	
evening rise	-1432 Dec 02 j 15:06	8°♐10'24	
	-1432 Dec 16 j 00:01	0°♑	
evening max el	-1432 Dec 21 j 12:39	7°♑02'56	18°23'03
asc. node	-1432 Dec 22 j 09:18	7°♑52'47	
retrograde	-1432 Dec 28 j 01:34	10°♑37'13	
evening set	-1432 Dec 30 j 23:16	9°♑51'31	
inferior conj	-1431 Jan 06 j 00:44	4°♑21'55	3°42'08
minimum elong	-1431 Jan 05 j 22:37	4°♑27'57	3°41'49
min. Earth dist.	-1431 Jan 08 j 06:27	1°♑49'24	0.63995 AU
	-1431 Jan 09 j 23:51	30°℞♐	
morning rise	-1431 Jan 11 j 20:30	28°♐18'28	
direct	-1431 Jan 18 j 19:00	25°♐29'07	
	-1431 Jan 28 j 18:59	0°♑	
desc. node	-1431 Feb 01 j 00:59	2°♑55'19	
morning max el	-1431 Feb 01 j 09:37	3°♑16'38	27°30'54
	-1431 Feb 21 j 11:22	0°♒	
morning set	-1431 Mar 08 j 06:57	26°♒30'12	
	-1431 Mar 10 j 00:59	0°♓	
max. Earth dist.	-1431 Mar 13 j 08:37	6°♓48'53	1.33438 AU
superior conj	-1431 Mar 16 j 04:47	12°♓48'34	0°-42'-36
minimum elong	-1431 Mar 16 j 06:46	12°♓59'09	0°42'14
asc. node	-1431 Mar 20 j 08:40	21°♓43'26	
evening rise	-1431 Mar 23 j 10:15	28°♓14'16	
	-1431 Mar 24 j 06:30	0°♈	
	-1431 Apr 11 j 04:17	0°♉	
evening max el	-1431 Apr 14 j 09:13	3°♉25'06	22°39'09
retrograde	-1431 Apr 27 j 12:24	9°♉53'02	
desc. node	-1431 Apr 30 j 00:08	9°♉39'23	
evening set	-1431 Apr 30 j 16:03	9°♉31'17	
min. Earth dist.	-1431 May 08 j 17:55	5°♉59'54	0.55407 AU
inferior conj	-1431 May 09 j 23:16	5°♉17'58	-2°-40'-48
minimum elong	-1431 May 09 j 16:47	5°♉27'15	2°38'53
morning rise	-1431 May 18 j 19:56	1°♉23'09	
direct	-1431 May 21 j 13:34	1°♉05'46	
morning max el	-1431 Jun 01 j 19:49	6°♉20'35	20°53'44
asc. node	-1431 Jun 16 j 07:57	27°♉25'45	
	-1431 Jun 17 j 15:57	0°♊	
morning set	-1431 Jun 21 j 04:08	7°♊02'50	
superior conj	-1431 Jun 28 j 17:42	22°♊43'32	1°39'26
minimum elong	-1431 Jun 28 j 15:41	22°♊33'07	1°39'18
	-1431 Jul 02 j 08:02	0°♋	
max. Earth dist.	-1431 Jul 03 j 03:37	1°♋36'56	1.35704 AU
evening rise	-1431 Jul 07 j 09:58	9°♋49'17	
	-1431 Jul 18 j 23:56	0°♌	
desc. node	-1431 Jul 26 j 23:24	12°♌10'57	
	-1431 Aug 10 j 01:52	0°♍	
evening max el	-1431 Aug 11 j 23:09	1°♍54'15	26°25'39
retrograde	-1431 Aug 24 j 17:51	9°♍06'27	
evening set	-1431 Aug 31 j 05:17	6°♍25'12	
min. Earth dist.	-1431 Sep 04 j 08:17	2°♍04'31	0.66180 AU
inferior conj	-1431 Sep 05 j 21:17	0°♍11'35	-2°-6'-37
minimum elong	-1431 Sep 06 j 00:22	0°♍02'10	2°05'28
	-1431 Sep 06 j 01:05	30°℞♌	
morning rise	-1431 Sep 11 j 20:25	24°♌21'46	
asc. node	-1431 Sep 12 j 07:06	24°♌07'49	
direct	-1431 Sep 14 j 20:11	23°♌30'58	
morning max el	-1431 Sep 21 j 14:36	27°♌16'58	18°43'33
	-1431 Sep 24 j 00:31	0°♍	
morning set	-1431 Oct 12 j 11:35	27°♍55'18	
	-1431 Oct 13 j 18:55	0°♎	
desc. node	-1431 Oct 22 j 22:45	14°♎30'16	
superior conj	-1431 Oct 28 j 13:47	23°♎21'48	0°-35'-54
minimum elong	-1431 Oct 28 j 09:06	23°♎03'23	0°35'19
max. Earth dist.	-1431 Oct 28 j 10:32	23°♎09'00	1.44945 AU
	-1431 Nov 01 j 18:55	0°♏	
evening rise	-1431 Nov 13 j 10:59	18°♏31'50	
	-1431 Nov 20 j 14:53	0°♐	
evening max el	-1431 Dec 04 j 23:29	20°♐27'43	18°55'24
asc. node	-1431 Dec 09 j 06:20	23°♐44'27	
retrograde	-1431 Dec 11 j 19:33	24°♐20'11	
evening set	-1431 Dec 14 j 22:59	23°♐23'19	
inferior conj	-1431 Dec 20 j 17:36	17°♐36'20	3°15'33
minimum elong	-1431 Dec 20 j 14:45	17°♐45'08	3°14'53
min. Earth dist.	-1431 Dec 22 j 08:12	15°♐36'54	0.65426 AU
morning rise	-1431 Dec 26 j 05:33	11°♐26'28	
direct	-1430 Jan 01 j 19:05	8°♐36'52	
morning max el	-1430 Jan 14 j 19:12	16°♐12'36	26°44'38
desc. node	-1430 Jan 18 j 22:01	20°♐40'26	
	-1430 Jan 26 j 06:16	0°♑	
	-1430 Feb 14 j 06:48	0°♒	
morning set	-1430 Feb 19 j 16:10	9°♒56'05	
max. Earth dist.	-1430 Feb 24 j 01:08	18°♒28'34	1.34580 AU
superior conj	-1430 Feb 28 j 05:52	27°♒02'00	-1°-7'-53
minimum elong	-1430 Feb 28 j 08:54	27°♒17'44	1°07'25
	-1430 Mar 01 j 16:04	0°♓	
asc. node	-1430 Mar 07 j 05:41	11°♓40'20	
evening rise	-1430 Mar 07 j 19:39	12°♓52'47	
	-1430 Mar 16 j 17:27	0°♈	
evening max el	-1430 Mar 27 j 08:06	14°♈19'08	21°09'56
retrograde	-1430 Apr 08 j 02:04	19°♈59'32	
evening set	-1430 Apr 10 j 10:54	19°♈46'32	
desc. node	-1430 Apr 16 j 21:11	17°♈22'18	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1430 Apr 19 j 18:01	15°♈47'46	0°-48'-45
minimum elong	-1430 Apr 19 j 15:43	15°♈51'01	0°47'57
min. Earth dist.	-1430 Apr 20 j 07:07	15°♈29'18	0.55062 AU
morning rise	-1430 Apr 28 j 20:13	11°♈43'57	
direct	-1430 May 02 j 00:35	11°♈22'00	
morning max el	-1430 May 14 j 19:48	17°♈29'18	22°25'41
	-1430 May 24 j 18:58	0°♉	
asc. node	-1430 Jun 03 j 05:00	17°♉01'30	
morning set	-1430 Jun 05 j 14:23	21°♉55'59	
	-1430 Jun 09 j 10:01	0°♊	
superior conj	-1430 Jun 12 j 20:32	7°♊18'32	1°26'10
minimum elong	-1430 Jun 12 j 18:00	7°♊05'09	1°25'52
max. Earth dist.	-1430 Jun 15 j 21:41	13°♊41'03	1.34325 AU
evening rise	-1430 Jun 20 j 18:57	23°♊30'48	
	-1430 Jun 24 j 04:29	0°♋	
	-1430 Jul 12 j 14:48	0°♌	
desc. node	-1430 Jul 13 j 20:27	1°♌41'51	
evening max el	-1430 Jul 25 j 10:54	15°♌20'26	27°08'57
retrograde	-1430 Aug 07 j 18:30	22°♌40'03	
evening set	-1430 Aug 14 j 17:17	19°♌54'11	
min. Earth dist.	-1430 Aug 18 j 13:03	16°♌11'29	0.65016 AU
inferior conj	-1430 Aug 20 j 15:08	13°♌50'44	-2°-58'-12
minimum elong	-1430 Aug 20 j 19:14	13°♌39'14	2°56'54
morning rise	-1430 Aug 26 j 22:40	8°♌15'32	
direct	-1430 Aug 29 j 15:50	7°♌36'02	
asc. node	-1430 Aug 30 j 04:09	7°♌37'27	
morning max el	-1430 Sep 05 j 04:29	11°♌07'21	18°10'42
	-1430 Sep 18 j 05:41	0°♍	
morning set	-1430 Sep 23 j 11:34	8°♍42'47	
	-1430 Oct 06 j 12:28	0°♎	
superior conj	-1430 Oct 07 j 17:32	1°♎56'02	0°13'36
minimum elong	-1430 Oct 07 j 19:13	2°♎02'44	0°13'23
behind sun begin	-1430 Oct 07 j 12:59	1°♎37'53	
behind sun end	-1430 Oct 08 j 01:27	2°♎27'33	
desc. node	-1430 Oct 09 j 19:47	5°♎15'38	
max. Earth dist.	-1430 Oct 11 j 05:28	7°♎28'54	1.44753 AU
evening rise	-1430 Oct 24 j 07:49	27°♎57'28	
	-1430 Oct 25 j 15:24	0°♏	
greatest brilliancy	-1430 Nov 10 j 09:23	23°♏53'39	-0.6m
	-1430 Nov 14 j 21:22	0°♐	
evening max el	-1430 Nov 18 j 06:27	3°♐54'50	19°44'03
retrograde	-1430 Nov 25 j 16:31	8°♐14'13	
asc. node	-1430 Nov 26 j 03:22	8°♐13'03	
evening set	-1430 Nov 29 j 03:29	7°♐04'16	
inferior conj	-1430 Dec 04 j 17:17	1°♐03'02	2°39'03
minimum elong	-1430 Dec 04 j 14:25	1°♐12'28	2°38'10
	-1430 Dec 05 j 12:26	30°℞♏	
min. Earth dist.	-1430 Dec 05 j 18:10	29°♏41'12	0.66477 AU
morning rise	-1430 Dec 10 j 00:42	24°♏48'52	
direct	-1430 Dec 16 j 00:56	22°♏10'31	
morning max el	-1430 Dec 28 j 04:22	29°♏22'20	25°34'49
	-1430 Dec 28 j 19:09	0°♐	
desc. node	-1429 Jan 05 j 19:02	9°♐23'10	
	-1429 Jan 20 j 02:45	0°♑	
morning set	-1429 Feb 02 j 09:55	22°♑31'04	
max. Earth dist.	-1429 Feb 06 j 06:00	29°♑38'57	1.36170 AU
	-1429 Feb 06 j 10:26	0°♒	
superior conj	-1429 Feb 11 j 22:44	10°♒45'42	-1°-30'-39
minimum elong	-1429 Feb 12 j 02:19	11°♒03'39	1°30'14
evening rise	-1429 Feb 20 j 00:59	27°♒12'47	
	-1429 Feb 21 j 10:08	0°♓	
asc. node	-1429 Feb 22 j 02:43	1°♓22'44	
evening max el	-1429 Mar 09 j 17:34	25°♓46'52	19°55'28
	-1429 Mar 16 j 05:44	0°♈	
retrograde	-1429 Mar 19 j 18:51	0°♈35'14	
evening set	-1429 Mar 21 j 23:03	0°♈22'43	
	-1429 Mar 23 j 11:33	30°℞♓	
inferior conj	-1429 Mar 30 j 17:26	26°♓21'46	1°07'11
minimum elong	-1429 Mar 30 j 20:15	26°♓17'26	1°06'14
min. Earth dist.	-1429 Apr 01 j 21:12	25°♓02'39	0.55661 AU
desc. node	-1429 Apr 03 j 18:12	23°♓57'35	
morning rise	-1429 Apr 08 j 14:28	21°♓51'17	
direct	-1429 Apr 12 j 16:09	21°♓14'43	
morning max el	-1429 Apr 26 j 12:28	28°♓07'58	24°05'55
	-1429 Apr 28 j 09:06	0°♈	
	-1429 May 17 j 17:17	0°♉	
morning set	-1429 May 21 j 02:15	6°♉55'16	
asc. node	-1429 May 21 j 02:02	6°♉54'08	
superior conj	-1429 May 28 j 04:20	22°♉08'56	1°08'29
minimum elong	-1429 May 28 j 01:53	21°♉55'42	1°08'06
max. Earth dist.	-1429 May 30 j 00:51	26°♉08'04	1.33323 AU
	-1429 May 31 j 20:33	0°♊	
evening rise	-1429 Jun 04 j 14:46	7°♊45'23	
	-1429 Jun 16 j 16:07	0°♋	
desc. node	-1429 Jun 30 j 17:28	20°♋31'42	
evening max el	-1429 Jul 07 j 21:11	28°♋25'49	27°25'17
	-1429 Jul 09 j 14:25	0°♌	
retrograde	-1429 Jul 21 j 13:25	5°♌46'59	
evening set	-1429 Jul 28 j 17:51	3°♌08'12	
	-1429 Aug 01 j 08:08	30°℞♋	
min. Earth dist.	-1429 Aug 01 j 08:29	29°♋59'08	0.63481 AU
inferior conj	-1429 Aug 04 j 00:06	27°♋17'50	-3°-43'-54
minimum elong	-1429 Aug 04 j 04:30	27°♋06'39	3°42'50
morning rise	-1429 Aug 10 j 17:15	22°♋00'28	
direct	-1429 Aug 13 j 06:11	21°♋29'13	
asc. node	-1429 Aug 17 j 01:13	22°♋39'38	
morning max el	-1429 Aug 19 j 19:57	24°♋54'21	17°55'18
	-1429 Aug 24 j 00:25	0°♌	
morning set	-1429 Sep 05 j 12:44	20°♌42'03	
	-1429 Sep 10 j 21:34	0°♍	
superior conj	-1429 Sep 17 j 18:18	11°♍34'10	0°56'22
minimum elong	-1429 Sep 17 j 23:26	11°♍55'20	0°55'45
max. Earth dist.	-1429 Sep 23 j 21:41	21°♍34'18	1.43857 AU
desc. node	-1429 Sep 26 j 16:48	26°♍01'46	
	-1429 Sep 29 j 05:14	0°♎	
evening rise	-1429 Oct 03 j 14:29	6°♎49'30	
	-1429 Oct 19 j 00:17	0°♏	
greatest brilliancy	-1429 Oct 26 j 13:34	10°♏31'04	-0.5m
evening max el	-1429 Nov 01 j 07:55	17°♏21'50	20°46'55
retrograde	-1429 Nov 09 j 14:03	22°♏15'06	
evening set	-1429 Nov 13 j 10:37	20°♏49'55	
asc. node	-1429 Nov 13 j 00:24	21°♏07'49	
inferior conj	-1429 Nov 18 j 21:21	14°♏37'55	1°55'21
minimum elong	-1429 Nov 18 j 18:59	14°♏46'00	1°54'28
min. Earth dist.	-1429 Nov 19 j 10:09	13°♏54'15	0.67165 AU
morning rise	-1429 Nov 24 j 02:56	8°♏21'48	
direct	-1429 Nov 29 j 12:04	6°♏01'55	
morning max el	-1429 Dec 10 j 12:54	12°♏36'57	24°11'12
desc. node	-1429 Dec 23 j 16:05	28°♏46'25	
	-1429 Dec 24 j 13:11	0°♐	
	-1428 Jan 12 j 22:29	0°♑	
morning set	-1428 Jan 15 j 06:20	3°♑58'51	
max. Earth dist.	-1428 Jan 19 j 02:17	10°♑43'50	1.38122 AU
superior conj	-1428 Jan 26 j 03:53	23°♑50'07	-1°-48'-37
minimum elong	-1428 Jan 26 j 07:04	24°♑05'17	1°48'25
	-1428 Jan 29 j 08:23	0°♒	
evening rise	-1428 Feb 03 j 23:51	11°♒07'27	
asc. node	-1428 Feb 08 j 23:44	20°♒44'57	

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	-1428 Feb 14 j 08:51	0°♓	
evening max el	-1428 Feb 20 j 13:42	7°♓51'58	18°59'54
retrograde	-1428 Feb 29 j 01:44	11°♓57'18	
evening set	-1428 Mar 02 j 08:47	11°♓40'41	
inferior conj	-1428 Mar 10 j 09:22	7°♓25'20	2°37'27
minimum elong	-1428 Mar 10 j 13:58	7°♓17'12	2°36'16
min. Earth dist.	-1428 Mar 13 j 13:07	5°♓12'45	0.57072 AU
morning rise	-1428 Mar 18 j 15:02	2°♓22'39	
desc. node	-1428 Mar 20 j 15:13	1°♓42'28	
direct	-1428 Mar 23 j 20:48	1°♓17'20	
morning max el	-1428 Apr 07 j 03:26	8°♓40'58	25°40'52
	-1428 Apr 23 j 01:58	0°♈	
morning set	-1428 May 04 j 14:07	21°♈54'55	
asc. node	-1428 May 06 j 23:05	26°♈58'13	
	-1428 May 08 j 08:41	0°♉	
superior conj	-1428 May 11 j 15:02	7°♉07'41	0°47'26
minimum elong	-1428 May 11 j 13:07	6°♉57'11	0°47'05
max. Earth dist.	-1428 May 12 j 10:33	8°♉54'17	1.32693 AU
evening rise	-1428 May 18 j 18:07	22°♉22'41	
	-1428 May 22 j 13:06	0°♊	
	-1428 Jun 09 j 16:25	0°♋	
desc. node	-1428 Jun 16 j 14:28	8°♋23'27	
evening max el	-1428 Jun 19 j 03:55	10°♋59'02	27°09'59
retrograde	-1428 Jul 03 j 01:50	18°♋18'23	
evening set	-1428 Jul 10 j 03:04	16°♋00'56	
min. Earth dist.	-1428 Jul 13 j 17:55	13°♋15'09	0.61623 AU
inferior conj	-1428 Jul 16 j 21:06	10°♋26'23	-4°-18'-52
minimum elong	-1428 Jul 17 j 00:32	10°♋18'37	4°18'23
morning rise	-1428 Jul 24 j 00:49	5°♋29'35	
direct	-1428 Jul 26 j 11:52	5°♋04'01	
morning max el	-1428 Aug 02 j 10:11	8°♋31'48	17°58'21
asc. node	-1428 Aug 02 j 22:18	9°♋02'13	
	-1428 Aug 16 j 09:38	0°♌	
morning set	-1428 Aug 18 j 09:24	3°♌37'48	
superior conj	-1428 Aug 28 j 22:42	22°♌34'20	1°26'09
minimum elong	-1428 Aug 29 j 03:20	22°♌54'32	1°25'44
	-1428 Sep 02 j 06:44	0°♍	
max. Earth dist.	-1428 Sep 05 j 08:59	5°♍09'38	1.42388 AU
evening rise	-1428 Sep 12 j 01:07	15°♍55'46	
desc. node	-1428 Sep 12 j 13:49	16°♍45'51	
	-1428 Sep 21 j 04:31	0°♎	
greatest brilliancy	-1428 Oct 09 j 09:17	25°♎25'44	-0.4m
	-1428 Oct 13 j 08:32	0°♏	
evening max el	-1428 Oct 14 j 03:34	0°♏49'27	22°00'37
retrograde	-1428 Oct 23 j 10:11	6°♏20'22	
evening set	-1428 Oct 27 j 18:31	4°♏37'53	
asc. node	-1428 Oct 29 j 21:27	2°♏33'27	
	-1428 Oct 31 j 22:16	30°℞♎	
inferior conj	-1428 Nov 02 j 03:46	28°♎18'50	1°06'27
minimum elong	-1428 Nov 02 j 02:17	28°♎23'59	1°05'49
min. Earth dist.	-1428 Nov 02 j 05:42	28°♎12'10	0.67520 AU
morning rise	-1428 Nov 07 j 09:50	22°♎03'22	
direct	-1428 Nov 12 j 03:44	20°♎05'21	
morning max el	-1428 Nov 21 j 23:07	25°♎55'07	22°43'46
	-1428 Nov 25 j 16:04	0°♏	
greatest brilliancy	-1428 Nov 26 j 15:39	1°♏10'32	-0.3m
desc. node	-1428 Dec 09 j 13:07	18°♏38'37	
	-1428 Dec 17 j 02:56	0°♐	
morning set	-1428 Dec 25 j 23:22	14°♐04'40	
max. Earth dist.	-1428 Dec 30 j 21:56	22°♐20'59	1.40232 AU
	-1427 Jan 04 j 07:36	0°♑	
superior conj	-1427 Jan 07 j 16:50	6°♑04'04	-1°-58'-39
minimum elong	-1427 Jan 07 j 18:01	6°♑09'25	1°58'39
evening rise	-1427 Jan 17 j 13:23	24°♑29'51	

	-1427 Jan 20 j 11:22	0°♒	
asc. node	-1427 Jan 25 j 20:46	9°♒40'17	
evening max el	-1427 Feb 02 j 18:16	20°♒28'46	18°24'19
retrograde	-1427 Feb 10 j 03:17	24°♒06'50	
evening set	-1427 Feb 12 j 14:41	23°♒43'28	
inferior conj	-1427 Feb 19 j 22:10	19°♒07'32	3°31'33
minimum elong	-1427 Feb 20 j 01:20	19°♒00'59	3°31'03
min. Earth dist.	-1427 Feb 23 j 08:24	16°♒19'52	0.58997 AU
morning rise	-1427 Feb 27 j 08:23	13°♒38'50	
direct	-1427 Mar 05 j 14:49	11°♒55'43	
desc. node	-1427 Mar 07 j 12:17	12°♒04'57	
morning max el	-1427 Mar 19 j 22:02	19°♒34'50	26°55'20
	-1427 Mar 28 j 18:57	0°♓	
	-1427 Apr 15 j 16:11	0°♈	
morning set	-1427 Apr 19 j 00:15	6°♈48'08	
asc. node	-1427 Apr 23 j 20:08	17°♈08'19	
superior conj	-1427 Apr 26 j 02:46	22°♈07'29	0°23'52
minimum elong	-1427 Apr 26 j 01:44	22°♈01'45	0°23'39
max. Earth dist.	-1427 Apr 25 j 23:24	21°♈49'00	1.32428 AU
	-1427 Apr 29 j 17:14	0°♉	
evening rise	-1427 May 03 j 02:20	7°♉12'58	
	-1427 May 15 j 02:28	0°♊	
evening max el	-1427 Jun 01 j 04:50	22°♊49'40	26°21'54
desc. node	-1427 Jun 03 j 11:31	24°♊51'47	
	-1427 Jun 13 j 19:41	0°♋	
retrograde	-1427 Jun 15 j 05:57	0°♋05'04	
	-1427 Jun 16 j 16:00	30°℞♊	
evening set	-1427 Jun 21 j 16:18	28°♊21'41	
min. Earth dist.	-1427 Jun 25 j 17:57	25°♊43'17	0.59582 AU
inferior conj	-1427 Jun 29 j 02:27	23°♊06'03	-4°-35'-40
minimum elong	-1427 Jun 29 j 03:09	23°♊04'41	4°35'39
morning rise	-1427 Jul 06 j 17:26	18°♊31'35	
direct	-1427 Jul 09 j 04:42	18°♊09'51	
morning max el	-1427 Jul 16 j 20:07	21°♊50'28	18°21'01
asc. node	-1427 Jul 20 j 19:23	26°♊28'43	
	-1427 Jul 23 j 04:52	0°♋	
morning set	-1427 Aug 01 j 20:13	17°♋15'09	
	-1427 Aug 08 j 13:31	0°♌	
superior conj	-1427 Aug 11 j 03:35	4°♌47'22	1°42'39
minimum elong	-1427 Aug 11 j 06:01	4°♌58'32	1°42'33
max. Earth dist.	-1427 Aug 18 j 15:08	18°♌04'55	1.40533 AU
evening rise	-1427 Aug 23 j 07:38	25°♌58'29	
	-1427 Aug 25 j 18:49	0°♍	
desc. node	-1427 Aug 30 j 10:51	7°♍23'58	
	-1427 Sep 14 j 22:31	0°♎	
evening max el	-1427 Sep 26 j 18:20	14°♎18'59	23°20'19
retrograde	-1427 Oct 07 j 03:30	20°♎27'18	
evening set	-1427 Oct 12 j 01:30	18°♎26'06	
asc. node	-1427 Oct 16 j 18:31	12°♎59'10	
inferior conj	-1427 Oct 17 j 10:43	12°♎03'42	0°13'58
minimum elong	-1427 Oct 17 j 10:23	12°♎04'51	0°13'48
transit middle	-1427 Oct 17 j 10:23	12°♎04'51	0°13'48
transit begin	-1427 Oct 17 j 08:56	12°♎09'48	
transit end	-1427 Oct 17 j 11:50	11°♎59'53	
min. Earth dist.	-1427 Oct 17 j 02:18	12°♎32'34	0.67558 AU
morning rise	-1427 Oct 22 j 19:19	5°♎51'44	
direct	-1427 Oct 26 j 22:56	4°♎15'52	
morning max el	-1427 Nov 04 j 14:34	9°♎20'42	21°20'57
greatest brilliancy	-1427 Nov 09 j 20:19	15°♎22'59	-0.4m
	-1427 Nov 20 j 10:47	0°♏	
desc. node	-1427 Nov 26 j 10:10	8°♏51'29	
morning set	-1427 Dec 05 j 12:06	22°♏50'48	
	-1427 Dec 09 j 23:47	0°♐	
max. Earth dist.	-1427 Dec 13 j 00:01	4°♐54'03	1.42205 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

superior conj	-1427 Dec 20 j 08:05	17°♐13'59	-1°-56'-43
minimum elong	-1427 Dec 20 j 05:25	17°♐02'30	1°56'40
	-1427 Dec 27 j 14:15	0°♑	
evening rise	-1427 Dec 31 j 13:59	7°♑12'19	
asc. node	-1426 Jan 12 j 17:49	28°♑00'12	
	-1426 Jan 14 j 04:27	0°♒	
evening max el	-1426 Jan 17 j 04:16	3°♒28'32	18°08'39
retrograde	-1426 Jan 23 j 21:52	6°♒55'10	
evening set	-1426 Jan 26 j 13:03	6°♒23'53	
inferior conj	-1426 Feb 02 j 06:25	1°♒25'50	3°53'29
minimum elong	-1426 Feb 02 j 07:08	1°♒24'07	3°53'25
	-1426 Feb 03 j 18:21	30°℞♑	
min. Earth dist.	-1426 Feb 05 j 09:59	28°♑27'36	0.61071 AU
morning rise	-1426 Feb 08 j 22:35	25°♑39'12	
direct	-1426 Feb 15 j 19:28	23°♑20'51	
desc. node	-1426 Feb 22 j 09:20	25°♑13'50	
	-1426 Feb 28 j 18:42	0°♒	
morning max el	-1426 Mar 01 j 22:57	1°♒07'26	27°37'49
	-1426 Mar 22 j 22:00	0°♓	
morning set	-1426 Apr 03 j 06:49	21°♓28'41	
	-1426 Apr 07 j 07:59	0°♈	
max. Earth dist.	-1426 Apr 09 j 11:39	4°♈39'26	1.32523 AU
superior conj	-1426 Apr 10 j 13:56	7°♈02'42	0°-1'-25
minimum elong	-1426 Apr 10 j 14:00	7°♈03'01	0°01'25
behind sun begin	-1426 Apr 10 j 08:57	6°♈35'29	
behind sun end	-1426 Apr 10 j 19:02	7°♈30'35	
asc. node	-1426 Apr 10 j 17:12	7°♈20'30	
evening rise	-1426 Apr 17 j 13:19	22°♈08'52	
	-1426 Apr 21 j 09:02	0°♉	
	-1426 May 10 j 05:37	0°♊	
evening max el	-1426 May 13 j 23:11	3°♊57'05	25°05'52
desc. node	-1426 May 21 j 08:32	9°♊23'53	
retrograde	-1426 May 27 j 23:35	11°♊04'53	
evening set	-1426 Jun 02 j 06:49	10°♊00'10	
min. Earth dist.	-1426 Jun 07 j 10:58	7°♊11'52	0.57602 AU
inferior conj	-1426 Jun 10 j 12:47	5°♊07'09	-4°-23'-29
minimum elong	-1426 Jun 10 j 09:16	5°♊13'08	4°23'06
morning rise	-1426 Jun 18 j 15:38	0°♊54'27	
direct	-1426 Jun 21 j 04:23	0°♊35'30	
morning max el	-1426 Jun 29 j 22:49	4°♊41'22	19°04'16
asc. node	-1426 Jul 07 j 16:27	14°♊44'59	
	-1426 Jul 16 j 00:10	0°♋	
morning set	-1426 Jul 16 j 17:06	1°♋23'18	
superior conj	-1426 Jul 25 j 03:17	17°♋57'35	1°48'00
minimum elong	-1426 Jul 25 j 03:29	17°♋58'31	1°48'01
	-1426 Jul 31 j 13:46	0°♌	
max. Earth dist.	-1426 Jul 31 j 18:03	0°♌19'21	1.38535 AU
evening rise	-1426 Aug 04 j 15:30	7°♌13'26	
desc. node	-1426 Aug 17 j 07:53	27°♌51'45	
	-1426 Aug 18 j 17:48	0°♍	
evening max el	-1426 Sep 09 j 06:10	27°♍51'20	24°39'38
	-1426 Sep 11 j 13:29	0°♎	
retrograde	-1426 Sep 20 j 16:58	4°♎32'16	
evening set	-1426 Sep 26 j 05:49	2°♎12'36	
	-1426 Sep 28 j 10:14	30°℞♍	
min. Earth dist.	-1426 Sep 30 j 21:30	26°♍53'36	0.67283 AU
inferior conj	-1426 Oct 01 j 16:26	25°♍50'34	0°-40'-34
minimum elong	-1426 Oct 01 j 17:25	25°♍47'16	0°40'09
asc. node	-1426 Oct 03 j 15:36	23°♍17'46	
morning rise	-1426 Oct 07 j 05:23	19°♍44'55	
direct	-1426 Oct 10 j 20:24	18°♍29'17	
morning max el	-1426 Oct 18 j 13:26	22°♍56'13	20°08'34
	-1426 Oct 24 j 11:14	0°♎	
greatest brilliancy	-1426 Oct 25 j 13:48	1°♎29'29	-0.6m
desc. node	-1426 Nov 13 j 07:12	29°♎18'37	
	-1426 Nov 13 j 17:55	0°♏	
morning set	-1426 Nov 14 j 09:20	0°♏59'31	
max. Earth dist.	-1426 Nov 25 j 09:51	18°♏18'41	1.43765 AU
superior conj	-1426 Nov 30 j 20:45	27°♏08'17	-1°-38'-37
minimum elong	-1426 Nov 30 j 13:50	26°♏40'02	1°38'06
	-1426 Dec 02 j 14:31	0°♐	
evening rise	-1426 Dec 13 j 21:19	19°♐05'37	
	-1426 Dec 20 j 05:27	0°♑	
asc. node	-1426 Dec 30 j 14:52	15°♑33'10	
evening max el	-1426 Dec 31 j 16:36	16°♑42'07	18°12'21
retrograde	-1425 Jan 07 j 04:51	20°♑10'41	
evening set	-1425 Jan 09 j 23:52	19°♑30'37	
inferior conj	-1425 Jan 16 j 06:19	14°♑11'42	3°51'22
minimum elong	-1425 Jan 16 j 05:00	14°♑15'16	3°51'15
min. Earth dist.	-1425 Jan 18 j 20:37	11°♑25'05	0.63010 AU
morning rise	-1425 Jan 22 j 08:18	8°♑13'00	
direct	-1425 Jan 29 j 08:39	5°♑30'52	
desc. node	-1425 Feb 09 j 06:23	10°♑37'01	
morning max el	-1425 Feb 12 j 05:24	13°♑20'12	27°43'39
	-1425 Feb 25 j 15:28	0°♒	
	-1425 Mar 15 j 08:50	0°♓	
morning set	-1425 Mar 18 j 07:32	5°♓48'17	
max. Earth dist.	-1425 Mar 23 j 19:14	17°♓10'50	1.32989 AU
superior conj	-1425 Mar 25 j 22:44	21°♓46'44	0°-27'-34
minimum elong	-1425 Mar 26 j 00:02	21°♓53'42	0°27'19
asc. node	-1425 Mar 28 j 14:13	27°♓29'57	
	-1425 Mar 29 j 17:59	0°♈	
evening rise	-1425 Apr 02 j 01:06	7°♈02'57	
	-1425 Apr 14 j 05:49	0°♉	
evening max el	-1425 Apr 25 j 14:03	14°♉36'50	23°33'37
desc. node	-1425 May 08 j 05:34	21°♉23'20	
retrograde	-1425 May 09 j 05:16	21°♉25'33	
evening set	-1425 May 13 j 02:30	20°♉52'19	
min. Earth dist.	-1425 May 20 j 00:39	17°♉39'58	0.56006 AU
inferior conj	-1425 May 22 j 03:00	16°♉24'39	-3°-30'-56
minimum elong	-1425 May 21 j 20:21	16°♉34'39	3°29'21
morning rise	-1425 May 30 j 17:47	12°♉27'28	
direct	-1425 Jun 02 j 08:43	12°♉10'20	
morning max el	-1425 Jun 12 j 15:50	16°♉56'12	20°08'18
	-1425 Jun 22 j 11:30	0°♊	
asc. node	-1425 Jun 24 j 13:30	3°♊39'26	
morning set	-1425 Jun 30 j 20:59	15°♊54'17	
	-1425 Jul 07 j 18:43	0°♋	
superior conj	-1425 Jul 08 j 16:37	1°♋50'20	1°44'35
minimum elong	-1425 Jul 08 j 15:11	1°♋43'10	1°44'32
max. Earth dist.	-1425 Jul 13 j 22:41	12°♋09'03	1.36648 AU
evening rise	-1425 Jul 17 j 22:22	19°♋36'06	
	-1425 Jul 23 j 19:54	0°♌	
desc. node	-1425 Aug 04 j 04:54	18°♌03'49	
	-1425 Aug 12 j 19:08	0°♍	
evening max el	-1425 Aug 22 j 17:17	11°♍26'06	25°51'10
retrograde	-1425 Sep 04 j 02:03	18°♍30'41	
evening set	-1425 Sep 10 j 05:38	15°♍55'28	
min. Earth dist.	-1425 Sep 14 j 12:58	11°♍13'11	0.66677 AU
inferior conj	-1425 Sep 15 j 19:09	9°♍37'32	-1°-35'-31
minimum elong	-1425 Sep 15 j 21:30	9°♍30'05	1°34'35
asc. node	-1425 Sep 20 j 12:39	4°♍26'15	
morning rise	-1425 Sep 21 j 14:08	3°♍41'12	
direct	-1425 Sep 24 j 18:43	2°♍42'30	
morning max el	-1425 Oct 01 j 19:37	6°♍41'03	19°10'08
	-1425 Oct 18 j 10:24	0°♎	
morning set	-1425 Oct 24 j 15:19	9°♎41'33	
desc. node	-1425 Oct 31 j 04:15	19°♎55'56	
	-1425 Nov 06 j 14:10	0°♏	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

max. Earth dist.	-1425 Nov 08 j 01:19	2°♏18'32	1.44715 AU
superior conj	-1425 Nov 10 j 08:10	5°♏55'16	-1°-2'-47
minimum elong	-1425 Nov 10 j 00:53	5°♏26'26	1°01'58
evening rise	-1425 Nov 25 j 07:08	0°♐02'30	
	-1425 Nov 25 j 06:31	0°♐	
evening max el	-1425 Dec 15 j 04:40	0°♑04'14	18°34'35
	-1425 Dec 15 j 03:01	0°♑	
asc. node	-1425 Dec 17 j 11:54	2°♑06'17	
retrograde	-1425 Dec 21 j 19:53	3°♑45'27	
evening set	-1425 Dec 24 j 19:44	2°♑55'22	
	-1425 Dec 28 j 08:49	30°℞♐	
inferior conj	-1425 Dec 30 j 18:00	27°♐17'56	3°32'15
minimum elong	-1425 Dec 30 j 15:29	27°♐25'24	3°31'48
min. Earth dist.	-1424 Jan 01 j 17:13	24°♐58'22	0.64651 AU
morning rise	-1424 Jan 05 j 09:59	21°♐11'07	
direct	-1424 Jan 12 j 05:14	18°♐19'59	
morning max el	-1424 Jan 25 j 14:45	26°♐04'36	27°14'35
desc. node	-1424 Jan 27 j 03:26	27°♐39'08	
	-1424 Jan 29 j 06:30	0°♑	
	-1424 Feb 19 j 04:12	0°♒	
morning set	-1424 Feb 29 j 23:29	19°♒37'28	
max. Earth dist.	-1424 Mar 05 j 18:04	29°♒10'41	1.33869 AU
	-1424 Mar 06 j 03:40	0°♓	
superior conj	-1424 Mar 09 j 03:18	6°♓13'32	0°-53'-32
minimum elong	-1424 Mar 09 j 05:46	6°♓26'33	0°53'06
asc. node	-1424 Mar 14 j 11:15	17°♓32'45	
evening rise	-1424 Mar 16 j 11:53	21°♓48'54	
	-1424 Mar 20 j 12:23	0°♈	
evening max el	-1424 Apr 06 j 08:15	25°♈18'15	21°59'46
	-1424 Apr 12 j 19:59	0°♉	
retrograde	-1424 Apr 18 j 23:24	1°♉28'06	
evening set	-1424 Apr 21 j 16:44	1°♉11'37	
desc. node	-1424 Apr 24 j 02:36	0°♉31'31	
	-1424 Apr 25 j 11:04	30°℞♈	
min. Earth dist.	-1424 Apr 30 j 14:00	27°♈22'38	0.55137 AU
inferior conj	-1424 May 01 j 01:45	27°♈06'07	-1°-55'-55
minimum elong	-1424 Apr 30 j 20:34	27°♈13'25	1°54'13
morning rise	-1424 May 10 j 01:46	23°♈09'44	
direct	-1424 May 12 j 22:30	22°♈51'25	
morning max el	-1424 May 24 j 21:54	28°♈29'03	21°31'19
	-1424 May 26 j 10:46	0°♉	
asc. node	-1424 Jun 10 j 10:33	23°♉02'20	
	-1424 Jun 13 j 21:32	0°♊	
morning set	-1424 Jun 14 j 05:27	0°♊40'52	
superior conj	-1424 Jun 21 j 15:25	16°♊12'48	1°34'26
minimum elong	-1424 Jun 21 j 13:06	16°♊00'43	1°34'13
max. Earth dist.	-1424 Jun 25 j 10:47	24°♊00'55	1.35061 AU
	-1424 Jun 28 j 11:19	0°♋	
evening rise	-1424 Jun 29 j 23:13	2°♋53'00	
	-1424 Jul 15 j 17:37	0°♌	
desc. node	-1424 Jul 21 j 01:55	7°♌52'26	
evening max el	-1424 Aug 04 j 04:51	24°♌57'50	26°47'04
	-1424 Aug 10 j 11:16	0°♍	
retrograde	-1424 Aug 17 j 06:02	2°♍15'08	
	-1424 Aug 23 j 07:49	30°℞♌	
evening set	-1424 Aug 23 j 22:41	29°♌30'38	
min. Earth dist.	-1424 Aug 27 j 22:23	25°♌26'15	0.65721 AU
inferior conj	-1424 Aug 29 j 16:52	23°♌20'39	-2°-29'-2
minimum elong	-1424 Aug 29 j 20:26	23°♌10'06	2°27'46
morning rise	-1424 Sep 04 j 19:24	17°♌36'38	
asc. node	-1424 Sep 06 j 09:42	17°♌00'05	
direct	-1424 Sep 07 j 15:56	16°♌51'13	
morning max el	-1424 Sep 14 j 07:18	20°♌30'22	18°27'31
	-1424 Sep 21 j 14:24	0°♍	

morning set	-1424 Oct 03 j 22:50	19°♍40'36	
	-1424 Oct 10 j 08:34	0°♎	
desc. node	-1424 Oct 17 j 01:16	10°♎39'07	
superior conj	-1424 Oct 19 j 08:10	14°♎15'47	0°-14'-48
minimum elong	-1424 Oct 19 j 06:13	14°♎08'04	0°14'33
behind sun begin	-1424 Oct 19 j 01:06	13°♎47'52	
behind sun end	-1424 Oct 19 j 11:20	14°♎28'16	
max. Earth dist.	-1424 Oct 20 j 19:19	16°♎34'12	1.44949 AU
	-1424 Oct 29 j 08:31	0°♏	
evening rise	-1424 Nov 04 j 16:41	9°♏58'28	
greatest brilliancy	-1424 Nov 17 j 08:11	29°♏45'08	-0.7m
	-1424 Nov 17 j 12:07	0°♐	
evening max el	-1424 Nov 27 j 14:05	13°♐30'33	19°14'13
asc. node	-1424 Dec 03 j 08:55	17°♐24'32	
retrograde	-1424 Dec 04 j 15:26	17°♐33'36	
evening set	-1424 Dec 07 j 21:46	16°♐31'36	
inferior conj	-1424 Dec 13 j 14:07	10°♐38'25	3°01'06
minimum elong	-1424 Dec 13 j 11:12	10°♐47'44	3°00'19
min. Earth dist.	-1424 Dec 14 j 22:48	8°♐54'21	0.65921 AU
morning rise	-1424 Dec 18 j 23:46	4°♐26'19	
direct	-1424 Dec 25 j 08:05	1°♐39'59	
morning max el	-1423 Jan 07 j 00:13	9°♐07'46	26°17'09
desc. node	-1423 Jan 13 j 00:30	15°♐51'32	
	-1423 Jan 23 j 11:23	0°♑	
	-1423 Feb 10 j 15:22	0°♒	
morning set	-1423 Feb 12 j 02:50	2°♒44'22	
max. Earth dist.	-1423 Feb 16 j 05:15	10°♒35'13	1.35200 AU
superior conj	-1423 Feb 21 j 01:19	20°♒16'12	-1°-17'-59
minimum elong	-1423 Feb 21 j 04:40	20°♒33'20	1°17'30
	-1423 Feb 25 j 18:18	0°♓	
evening rise	-1423 Feb 28 j 19:51	6°♓20'49	
asc. node	-1423 Mar 01 j 08:16	7°♓24'29	
	-1423 Mar 14 j 00:33	0°♈	
evening max el	-1423 Mar 19 j 11:39	6°♈26'57	20°36'11
retrograde	-1423 Mar 30 j 12:37	11°♈44'23	
evening set	-1423 Apr 01 j 17:55	11°♈32'26	
inferior conj	-1423 Apr 10 j 20:51	7°♈35'09	0°01'57
minimum elong	-1423 Apr 10 j 20:57	7°♈35'02	0°01'56
transit middle	-1423 Apr 10 j 20:57	7°♈35'02	0°01'56
transit begin	-1423 Apr 10 j 16:55	7°♈40'51	
transit end	-1423 Apr 11 j 00:59	7°♈29'11	
desc. node	-1423 Apr 10 j 23:37	7°♈31'09	
min. Earth dist.	-1423 Apr 12 j 03:55	6°♈50'18	0.55202 AU
morning rise	-1423 Apr 19 j 22:14	3°♈21'17	
direct	-1423 Apr 23 j 10:30	2°♈54'31	
morning max el	-1423 May 06 j 18:13	9°♈23'33	23°07'55
	-1423 May 21 j 16:56	0°♉	
asc. node	-1423 May 28 j 07:36	12°♉46'27	
morning set	-1423 May 29 j 16:36	15°♉37'44	
	-1423 Jun 05 j 10:14	0°♊	
superior conj	-1423 Jun 05 j 20:41	0°♊55'48	1°19'08
minimum elong	-1423 Jun 05 j 18:07	0°♊42'08	1°18'48
max. Earth dist.	-1423 Jun 08 j 08:54	6°♊14'51	1.33853 AU
evening rise	-1423 Jun 13 j 13:21	16°♊50'52	
	-1423 Jun 20 j 12:32	0°♋	
desc. node	-1423 Jul 07 j 22:55	27°♋07'43	
	-1423 Jul 10 j 04:49	0°♌	
evening max el	-1423 Jul 17 j 16:24	8°♌17'30	27°19'38
retrograde	-1423 Jul 31 j 04:23	15°♌38'12	
evening set	-1423 Aug 07 j 06:14	12°♌54'06	
min. Earth dist.	-1423 Aug 10 j 23:32	9°♌26'10	0.64404 AU
inferior conj	-1423 Aug 13 j 07:18	6°♌55'42	-3°-18'-34
minimum elong	-1423 Aug 13 j 11:37	6°♌43'59	3°17'19
morning rise	-1423 Aug 19 j 18:45	1°♌27'23	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

direct	-1423 Aug 22 j 09:48	0°♌51'43	
asc. node	-1423 Aug 24 j 06:46	1°♌09'58	
morning max el	-1423 Aug 28 j 22:06	4°♌19'37	18°01'53
	-1423 Sep 14 j 19:54	0°♍	
morning set	-1423 Sep 15 j 10:10	1°♍00'29	
superior conj	-1423 Sep 28 j 19:02	23°♍11'55	0°33'07
minimum elong	-1423 Sep 28 j 22:44	23°♍26'50	0°32'37
	-1423 Oct 03 j 00:52	0°♎	
max. Earth dist.	-1423 Oct 03 j 13:15	0°♎49'15	1.44454 AU
desc. node	-1423 Oct 03 j 22:17	1°♎25'04	
evening rise	-1423 Oct 15 j 05:38	19°♎04'57	
	-1423 Oct 22 j 08:32	0°♏	
greatest brilliancy	-1423 Nov 03 j 23:41	18°♏35'34	-0.6m
evening max el	-1423 Nov 10 j 18:56	26°♏58'14	20°09'20
	-1423 Nov 14 j 06:59	0°♐	
retrograde	-1423 Nov 18 j 12:47	1°♐30'55	
asc. node	-1423 Nov 20 j 05:57	1°♐14'02	
evening set	-1423 Nov 22 j 03:37	0°♐14'46	
	-1423 Nov 22 j 11:39	30°℞♏	
inferior conj	-1423 Nov 27 j 15:56	24°♏08'48	2°21'17
minimum elong	-1423 Nov 27 j 13:14	24°♏17'52	2°20'21
min. Earth dist.	-1423 Nov 28 j 11:32	23°♏03'10	0.66815 AU
morning rise	-1423 Dec 02 j 22:16	17°♏53'43	
direct	-1423 Dec 08 j 16:21	15°♏22'23	
morning max el	-1423 Dec 20 j 08:44	22°♏19'25	25°00'20
	-1423 Dec 27 j 02:43	0°♐	
desc. node	-1423 Dec 30 j 21:32	4°♐53'21	
	-1422 Jan 16 j 18:41	0°♑	
morning set	-1422 Jan 25 j 12:18	14°♑53'03	
max. Earth dist.	-1422 Jan 29 j 05:41	21°♑39'10	1.36967 AU
	-1422 Feb 02 j 15:31	0°♒	
superior conj	-1422 Feb 04 j 13:45	3°♒45'11	-1°-39'-1
minimum elong	-1422 Feb 04 j 17:19	4°♒02'41	1°38'41
evening rise	-1422 Feb 12 j 22:46	20°♒31'20	
asc. node	-1422 Feb 16 j 05:17	26°♒59'23	
	-1422 Feb 17 j 19:05	0°♓	
evening max el	-1422 Mar 02 j 01:56	18°♓11'36	19°29'25
retrograde	-1422 Mar 11 j 10:02	22°♓39'34	
evening set	-1422 Mar 13 j 15:16	22°♓25'35	
inferior conj	-1422 Mar 22 j 02:16	18°♓19'38	1°49'40
minimum elong	-1422 Mar 22 j 06:21	18°♓13'02	1°48'24
min. Earth dist.	-1422 Mar 24 j 18:26	16°♓36'25	0.56184 AU
desc. node	-1422 Mar 28 j 20:40	14°♓20'37	
morning rise	-1422 Mar 30 j 17:47	13°♓35'42	
direct	-1422 Apr 04 j 07:25	12°♓48'31	
morning max el	-1422 Apr 18 j 09:15	19°♓56'01	24°47'45
	-1422 Apr 26 j 22:02	0°♈	
	-1422 May 13 j 21:27	0°♉	
morning set	-1422 May 14 j 04:42	0°♉38'04	
asc. node	-1422 May 15 j 04:39	2°♉44'39	
superior conj	-1422 May 21 j 05:57	15°♉50'33	0°59'54
minimum elong	-1422 May 21 j 03:41	15°♉38'11	0°59'32
max. Earth dist.	-1422 May 22 j 15:29	18°♉52'10	1.33020 AU
	-1422 May 27 j 21:49	0°♊	
evening rise	-1422 May 28 j 12:47	1°♊16'35	
	-1422 Jun 13 j 11:30	0°♋	
desc. node	-1422 Jun 24 j 19:56	15°♋35'15	
evening max el	-1422 Jun 30 j 01:43	21°♋11'19	27°22'48
retrograde	-1422 Jul 13 j 20:20	28°♋30'56	
evening set	-1422 Jul 21 j 00:45	25°♋59'43	
min. Earth dist.	-1422 Jul 24 j 14:44	23°♋02'07	0.62729 AU
inferior conj	-1422 Jul 27 j 11:35	20°♋16'03	-4°00'-25
minimum elong	-1422 Jul 27 j 15:46	20°♋05'55	3°59'35
morning rise	-1422 Aug 03 j 09:07	15°♋06'53	
direct	-1422 Aug 05 j 21:05	14°♋38'10	
asc. node	-1422 Aug 11 j 03:51	16°♋48'08	
morning max el	-1422 Aug 12 j 13:21	18°♋03'06	17°54'16
	-1422 Aug 21 j 03:47	0°♌	
morning set	-1422 Aug 28 j 20:22	13°♌26'02	
	-1422 Sep 07 j 07:19	0°♍	
superior conj	-1422 Sep 09 j 07:28	3°♍24'34	1°10'43
minimum elong	-1422 Sep 09 j 12:45	3°♍46'52	1°10'08
max. Earth dist.	-1422 Sep 16 j 04:13	14°♍46'03	1.43295 AU
desc. node	-1422 Sep 20 j 19:19	22°♍10'48	
evening rise	-1422 Sep 24 j 11:40	27°♍57'12	
	-1422 Sep 25 j 19:21	0°♎	
	-1422 Oct 16 j 05:03	0°♏	
greatest brilliancy	-1422 Oct 19 j 13:20	4°♏24'06	-0.4m
evening max el	-1422 Oct 24 j 17:59	10°♏25'52	21°17'15
retrograde	-1422 Nov 02 j 09:52	15°♏34'27	
evening set	-1422 Nov 06 j 11:18	14°♏01'55	
asc. node	-1422 Nov 07 j 03:00	13°♏29'27	
inferior conj	-1422 Nov 11 j 21:14	7°♏46'30	1°35'10
minimum elong	-1422 Nov 11 j 19:12	7°♏53'30	1°34'21
min. Earth dist.	-1422 Nov 12 j 05:13	7°♏19'01	0.67354 AU
morning rise	-1422 Nov 17 j 02:46	1°♏30'38	
	-1422 Nov 19 j 08:37	30°℞♎	
direct	-1422 Nov 22 j 05:23	29°♎20'00	
	-1422 Nov 25 j 07:11	0°♏	
morning max el	-1422 Dec 02 j 17:39	5°♏35'43	23°34'05
desc. node	-1422 Dec 17 j 18:35	24°♏30'20	
	-1422 Dec 21 j 13:46	0°♐	
morning set	-1421 Jan 06 j 21:43	25°♐47'33	
	-1421 Jan 09 j 08:46	0°♑	
max. Earth dist.	-1421 Jan 11 j 01:17	2°♑56'25	1.39019 AU
superior conj	-1421 Jan 18 j 12:41	16°♑30'11	-1°-54'-3
minimum elong	-1421 Jan 18 j 15:14	16°♑42'08	1°53'57
	-1421 Jan 25 j 13:51	0°♒	
evening rise	-1421 Jan 27 j 18:07	4°♒13'54	
asc. node	-1421 Feb 03 j 02:20	16°♒11'30	
	-1421 Feb 12 j 13:26	0°♓	
evening max el	-1421 Feb 13 j 01:58	0°♓31'08	18°42'13
retrograde	-1421 Feb 21 j 01:05	4°♓23'08	
evening set	-1421 Feb 23 j 10:01	4°♓03'49	
	-1421 Mar 02 j 16:11	30°℞♒	
inferior conj	-1421 Mar 03 j 03:00	29°♒39'41	3°04'46
minimum elong	-1421 Mar 03 j 07:15	29°♒31'38	3°03'50
min. Earth dist.	-1421 Mar 06 j 11:14	27°♒09'45	0.57854 AU
morning rise	-1421 Mar 11 j 00:32	24°♒24'56	
desc. node	-1421 Mar 15 j 17:43	23°♒06'52	
direct	-1421 Mar 16 j 17:35	23°♒04'24	
	-1421 Mar 30 j 10:30	0°♓	
morning max el	-1421 Mar 31 j 01:21	0°♓35'21	26°15'51
	-1421 Apr 20 j 18:06	0°♈	
morning set	-1421 Apr 28 j 16:05	15°♈36'03	
asc. node	-1421 May 02 j 01:42	22°♈51'53	
	-1421 May 05 j 08:07	0°♉	
superior conj	-1421 May 05 j 17:19	0°♉50'28	0°37'41
minimum elong	-1421 May 05 j 15:44	0°♉41'47	0°37'23
max. Earth dist.	-1421 May 06 j 03:09	1°♉44'19	1.32544 AU
evening rise	-1421 May 12 j 18:30	16°♉00'20	
	-1421 May 19 j 20:46	0°♊	
	-1421 Jun 08 j 22:04	0°♋	
desc. node	-1421 Jun 11 j 16:58	2°♋54'55	
evening max el	-1421 Jun 12 j 06:04	3°♋26'35	26°53'13
retrograde	-1421 Jun 26 j 05:15	10°♋44'19	
evening set	-1421 Jul 03 j 01:58	8°♋39'49	
min. Earth dist.	-1421 Jul 06 j 19:41	5°♋59'39	0.60770 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

inferior conj	-1421 Jul 10 j 02:21	3°♋13'12	-4°-28'-48
minimum elong	-1421 Jul 10 j 04:52	3°♋07'51	4°28'33
	-1421 Jul 14 j 06:18	30°℞♊	
morning rise	-1421 Jul 17 j 10:50	28°♊26'02	
direct	-1421 Jul 19 j 21:52	28°♊02'12	
	-1421 Jul 25 j 06:02	0°♋	
morning max el	-1421 Jul 27 j 02:09	1°♋33'40	18°05'36
asc. node	-1421 Jul 29 j 00:57	3°♋39'45	
morning set	-1421 Aug 11 j 23:36	26°♋40'48	
	-1421 Aug 13 j 18:23	0°♌	
superior conj	-1421 Aug 21 j 22:56	14°♌57'44	1°34'41
minimum elong	-1421 Aug 22 j 02:44	15°♌14'35	1°34'25
max. Earth dist.	-1421 Aug 29 j 13:27	28°♌05'55	1.41627 AU
	-1421 Aug 30 j 16:48	0°♍	
evening rise	-1421 Sep 04 j 05:16	7°♍23'04	
desc. node	-1421 Sep 07 j 16:20	12°♍52'41	
	-1421 Sep 19 j 00:20	0°♎	
greatest brilliancy	-1421 Oct 02 j 15:54	18°♎29'53	-0.3m
evening max el	-1421 Oct 07 j 11:12	23°♎53'18	22°34'08
retrograde	-1421 Oct 17 j 05:02	29°♎40'52	
evening set	-1421 Oct 21 j 19:01	27°♎50'16	
asc. node	-1421 Oct 25 j 00:06	24°♎24'14	
inferior conj	-1421 Oct 27 j 04:04	21°♎29'06	0°44'30
minimum elong	-1421 Oct 27 j 03:02	21°♎32'38	0°44'04
min. Earth dist.	-1421 Oct 27 j 01:29	21°♎38'02	0.67568 AU
morning rise	-1421 Nov 01 j 10:58	15°♎14'51	
direct	-1421 Nov 05 j 22:31	13°♎26'39	
morning max el	-1421 Nov 15 j 05:51	18°♎57'03	22°07'40
greatest brilliancy	-1421 Nov 19 j 23:03	24°♎16'29	-0.4m
	-1421 Nov 24 j 09:47	0°♏	
desc. node	-1421 Dec 04 j 15:38	14°♏31'58	
	-1421 Dec 14 j 18:32	0°♐	
morning set	-1421 Dec 18 j 02:13	5°♐17'20	
max. Earth dist.	-1421 Dec 23 j 23:10	14°♐56'09	1.41100 AU
superior conj	-1421 Dec 31 j 17:00	28°♐17'52	-1°-59'-33
minimum elong	-1421 Dec 31 j 16:45	28°♐16'46	1°59'36
	-1420 Jan 01 j 15:56	0°♑	
evening rise	-1420 Jan 11 j 02:37	17°♑20'15	
	-1420 Jan 18 j 01:13	0°♒	
asc. node	-1420 Jan 20 j 23:23	4°♒53'03	
evening max el	-1420 Jan 27 j 09:07	13°♒18'17	18°15'15
retrograde	-1420 Feb 03 j 10:29	16°♒50'08	
evening set	-1420 Feb 05 j 23:22	16°♒23'39	
inferior conj	-1420 Feb 13 j 00:27	11°♒38'19	3°44'17
minimum elong	-1420 Feb 13 j 02:36	11°♒33'36	3°44'03
min. Earth dist.	-1420 Feb 16 j 09:03	8°♒42'57	0.59874 AU
morning rise	-1420 Feb 20 j 02:34	6°♒00'42	
direct	-1420 Feb 26 j 16:18	4°♒01'40	
desc. node	-1420 Mar 01 j 14:47	4°♒42'04	
morning max el	-1420 Mar 11 j 22:46	11°♒45'28	27°17'47
	-1420 Mar 26 j 06:09	0°♓	
	-1420 Apr 11 j 20:05	0°♈	
morning set	-1420 Apr 12 j 00:59	0°♈25'28	
asc. node	-1420 Apr 17 j 22:45	13°♈03'46	
max. Earth dist.	-1420 Apr 18 j 16:11	14°♈39'09	1.32420 AU
superior conj	-1420 Apr 19 j 05:03	15°♈49'37	0°13'19
minimum elong	-1420 Apr 19 j 04:27	15°♈46'20	0°13'12
behind sun begin	-1420 Apr 19 j 01:41	15°♈31'08	
behind sun end	-1420 Apr 19 j 07:14	16°♈01'33	
	-1420 Apr 25 j 17:52	0°♉	
evening rise	-1420 Apr 26 j 04:09	0°♉54'13	
	-1420 May 12 j 03:01	0°♊	
evening max el	-1420 May 24 j 03:55	14°♊58'12	25°52'22
desc. node	-1420 May 28 j 13:59	18°♊39'01	
retrograde	-1420 Jun 07 j 05:39	22°♊12'07	
evening set	-1420 Jun 13 j 05:48	20°♊45'03	
min. Earth dist.	-1420 Jun 17 j 16:23	18°♊04'28	0.58712 AU
inferior conj	-1420 Jun 21 j 00:01	15°♊38'13	-4°-34'-49
minimum elong	-1420 Jun 20 j 23:01	15°♊40'04	4°34'46
morning rise	-1420 Jun 28 j 20:03	11°♊13'41	
direct	-1420 Jul 01 j 07:41	10°♊53'22	
morning max el	-1420 Jul 09 j 09:31	14°♊43'05	18°36'52
asc. node	-1420 Jul 14 j 22:01	21°♊29'45	
	-1420 Jul 20 j 00:57	0°♋	
morning set	-1420 Jul 25 j 15:10	10°♋32'58	
superior conj	-1420 Aug 03 j 12:38	27°♋38'06	1°46'09
minimum elong	-1420 Aug 03 j 14:04	27°♋44'49	1°46'07
	-1420 Aug 04 j 19:05	0°♌	
max. Earth dist.	-1420 Aug 10 j 17:19	10°♌41'40	1.39681 AU
evening rise	-1420 Aug 14 j 22:35	17°♌56'54	
	-1420 Aug 22 j 08:10	0°♍	
desc. node	-1420 Aug 24 j 13:21	3°♍27'19	
	-1420 Sep 12 j 10:44	0°♎	
evening max el	-1420 Sep 19 j 00:18	7°♎23'44	23°54'29
retrograde	-1420 Sep 29 j 20:58	13°♎47'32	
evening set	-1420 Oct 05 j 01:05	11°♎38'24	
inferior conj	-1420 Oct 10 j 10:42	5°♎15'25	0°-9'-1
minimum elong	-1420 Oct 10 j 10:55	5°♎14'41	0°08'57
transit middle	-1420 Oct 10 j 10:55	5°♎14'41	0°08'57
transit begin	-1420 Oct 10 j 08:38	5°♎22'25	
transit end	-1420 Oct 10 j 13:11	5°♎06'57	
min. Earth dist.	-1420 Oct 09 j 21:52	5°♎59'01	0.67477 AU
asc. node	-1420 Oct 10 j 21:10	4°♎39'53	
	-1420 Oct 14 j 19:05	30°℞♍	
morning rise	-1420 Oct 15 j 20:55	29°♍05'33	
direct	-1420 Oct 19 j 18:51	27°♍38'43	
	-1420 Oct 25 j 07:22	0°♎	
morning max el	-1420 Oct 28 j 00:19	2°♎26'52	20°48'32
greatest brilliancy	-1420 Nov 02 j 21:25	9°♎22'09	-0.5m
	-1420 Nov 17 j 07:42	0°♏	
desc. node	-1420 Nov 20 j 12:41	4°♏51'26	
morning set	-1420 Nov 26 j 05:41	13°♏39'12	
max. Earth dist.	-1420 Dec 05 j 03:55	27°♏49'47	1.42928 AU
	-1420 Dec 06 j 11:55	0°♐	
superior conj	-1420 Dec 11 j 21:16	8°♐55'52	-1°-51'-13
minimum elong	-1420 Dec 11 j 16:38	8°♐36'27	1°51'01
evening rise	-1420 Dec 23 j 20:20	29°♐42'14	
	-1420 Dec 24 j 00:20	0°♑	
asc. node	-1419 Jan 06 j 20:25	22°♑54'28	
evening max el	-1419 Jan 09 j 20:26	26°♑24'43	18°08'00
retrograde	-1419 Jan 16 j 10:41	29°♑50'37	
evening set	-1419 Jan 19 j 03:25	29°♑15'48	
inferior conj	-1419 Jan 25 j 15:48	24°♑09'03	3°55'02
minimum elong	-1419 Jan 25 j 15:34	24°♑09'39	3°55'01
min. Earth dist.	-1419 Jan 28 j 14:23	21°♑12'59	0.61920 AU
morning rise	-1419 Feb 01 j 01:23	18°♑16'39	
direct	-1419 Feb 08 j 01:06	15°♑46'03	
desc. node	-1419 Feb 16 j 11:50	18°♑52'05	
morning max el	-1419 Feb 22 j 02:08	23°♑35'15	27°44'48
	-1419 Feb 27 j 20:46	0°♒	
	-1419 Mar 19 j 11:12	0°♓	
morning set	-1419 Mar 27 j 05:21	14°♓58'16	
max. Earth dist.	-1419 Apr 02 j 02:43	27°♓22'23	1.32665 AU
	-1419 Apr 03 j 07:50	0°♈	
superior conj	-1419 Apr 03 j 15:25	0°♈41'13	0°-12'-26
minimum elong	-1419 Apr 03 j 16:00	0°♈44'21	0°12'20
behind sun begin	-1419 Apr 03 j 12:46	0°♈26'45	
behind sun end	-1419 Apr 03 j 19:14	1°♈01'57	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

asc. node	-1419 Apr 04 j 19:46	3°♈15'29	
evening rise	-1419 Apr 10 j 15:39	15°♈50'15	
	-1419 Apr 17 j 17:52	0°♉	
evening max el	-1419 May 05 j 20:16	25°♉51'54	24°27'55
	-1419 May 10 j 23:37	0°♊	
desc. node	-1419 May 15 j 11:02	2°♊10'58	
retrograde	-1419 May 19 j 18:40	2°♊53'42	
evening set	-1419 May 24 j 11:18	2°♊04'14	
	-1419 May 28 j 20:40	30°℞♉	
min. Earth dist.	-1419 May 30 j 07:57	29°♉06'56	0.56853 AU
inferior conj	-1419 Jun 02 j 01:46	27°♉21'39	-4°-6'-41
minimum elong	-1419 Jun 01 j 20:33	27°♉30'03	4°05'50
morning rise	-1419 Jun 10 j 09:43	23°♉16'28	
direct	-1419 Jun 12 j 23:04	22°♉58'32	
morning max el	-1419 Jun 22 j 08:23	27°♉20'11	19°28'53
	-1419 Jun 24 j 21:12	0°♊	
asc. node	-1419 Jul 01 j 19:04	10°♊03'50	
morning set	-1419 Jul 09 j 15:22	24°♊51'59	
	-1419 Jul 12 j 04:44	0°♋	
superior conj	-1419 Jul 17 j 18:42	11°♋08'13	1°47'29
minimum elong	-1419 Jul 17 j 18:07	11°♋05'21	1°47'29
max. Earth dist.	-1419 Jul 23 j 20:02	22°♋42'06	1.37712 AU
evening rise	-1419 Jul 27 j 16:50	29°♋42'43	
	-1419 Jul 27 j 20:44	0°♌	
desc. node	-1419 Aug 11 j 10:23	23°♌49'20	
	-1419 Aug 15 j 15:15	0°♍	
evening max el	-1419 Sep 01 j 11:45	20°♍58'06	25°11'29
retrograde	-1419 Sep 13 j 08:38	27°♍50'14	
evening set	-1419 Sep 19 j 03:42	25°♍23'46	
min. Earth dist.	-1419 Sep 23 j 15:53	20°♍19'50	0.67069 AU
inferior conj	-1419 Sep 24 j 15:22	19°♍03'01	-1°-3'-55
minimum elong	-1419 Sep 24 j 16:57	18°♍57'52	1°03'16
asc. node	-1419 Sep 27 j 18:13	15°♍13'50	
morning rise	-1419 Sep 30 j 06:41	13°♍00'39	
direct	-1419 Oct 03 j 17:00	11°♍52'32	
morning max el	-1419 Oct 11 j 02:18	16°♍06'18	19°41'45
greatest brilliancy	-1419 Oct 19 j 07:37	26°♍27'58	-0.6m
	-1419 Oct 21 j 18:20	0°♎	
morning set	-1419 Nov 05 j 03:36	21°♎53'34	
desc. node	-1419 Nov 07 j 09:44	25°♎23'34	
	-1419 Nov 10 j 08:41	0°♏	
max. Earth dist.	-1419 Nov 17 j 16:16	11°♏31'02	1.44254 AU
superior conj	-1419 Nov 21 j 22:26	18°♏19'28	-1°-25'-28
minimum elong	-1419 Nov 21 j 14:38	17°♏48'04	1°24'44
	-1419 Nov 29 j 02:13	0°♐	
evening rise	-1419 Dec 05 j 18:57	11°♐12'11	
	-1419 Dec 17 j 02:30	0°♑	
evening max el	-1419 Dec 24 j 09:02	9°♑43'10	18°19'42
asc. node	-1419 Dec 24 j 17:27	10°♑04'06	
retrograde	-1419 Dec 30 j 21:28	13°♑15'32	
evening set	-1418 Jan 02 j 18:28	12°♑31'16	
inferior conj	-1418 Jan 08 j 21:07	7°♑04'19	3°44'59
minimum elong	-1418 Jan 08 j 19:11	7°♑09'45	3°44'45
min. Earth dist.	-1418 Jan 11 j 05:05	4°♑27'48	0.63751 AU
morning rise	-1418 Jan 14 j 18:23	1°♑02'07	
	-1418 Jan 16 j 04:37	30°℞♐	
direct	-1418 Jan 21 j 17:39	28°♐14'11	
	-1418 Jan 27 j 18:39	0°♑	
desc. node	-1418 Feb 03 j 08:52	5°♑01'26	
morning max el	-1418 Feb 04 j 09:54	6°♑02'08	27°35'19
	-1418 Feb 22 j 17:10	0°♒	
morning set	-1418 Mar 11 j 02:42	29°♒06'17	
	-1418 Mar 11 j 13:30	0°♓	
max. Earth dist.	-1418 Mar 16 j 06:57	9°♓41'28	1.33307 AU
superior conj	-1418 Mar 18 j 22:40	15°♓19'11	0°-38'-39
minimum elong	-1418 Mar 19 j 00:29	15°♓28'51	0°38'19
asc. node	-1418 Mar 22 j 16:48	23°♓23'06	
	-1418 Mar 25 j 19:14	0°♈	
evening rise	-1418 Mar 26 j 03:14	0°♈42'07	
	-1418 Apr 11 j 19:19	0°♉	
evening max el	-1418 Apr 17 j 11:52	6°♉29'36	22°53'13
retrograde	-1418 Apr 30 j 18:34	13°♉03'23	
desc. node	-1418 May 02 j 08:01	12°♉57'58	
evening set	-1418 May 04 j 02:31	12°♉39'07	
min. Earth dist.	-1418 May 11 j 21:12	9°♉13'11	0.55539 AU
inferior conj	-1418 May 13 j 08:26	8°♉22'23	-2°-55'-17
minimum elong	-1418 May 13 j 01:43	8°♉32'05	2°53'24
morning rise	-1418 May 22 j 03:41	4°♉27'31	
direct	-1418 May 24 j 20:34	4°♉10'15	
morning max el	-1418 Jun 04 j 20:38	9°♉17'05	20°41'20
asc. node	-1418 Jun 18 j 16:06	29°♉11'34	
	-1418 Jun 19 j 02:21	0°♊	
morning set	-1418 Jun 23 j 21:28	9°♊30'36	
superior conj	-1418 Jul 01 j 12:28	25°♊14'45	1°40'59
minimum elong	-1418 Jul 01 j 10:34	25°♊05'05	1°40'52
	-1418 Jul 03 j 20:52	0°♋	
max. Earth dist.	-1418 Jul 06 j 03:38	4°♋31'04	1.35941 AU
evening rise	-1418 Jul 10 j 07:59	12°♋30'16	
	-1418 Jul 20 j 07:55	0°♌	
desc. node	-1418 Jul 29 j 07:24	13°♌52'28	
	-1418 Aug 10 j 15:53	0°♍	
evening max el	-1418 Aug 14 j 23:13	4°♍33'12	26°17'17
retrograde	-1418 Aug 27 j 15:24	11°♍43'30	
evening set	-1418 Sep 03 j 00:55	9°♍03'36	
min. Earth dist.	-1418 Sep 07 j 05:01	4°♍37'23	0.66322 AU
inferior conj	-1418 Sep 08 j 16:13	2°♍48'51	-1°-58'-31
minimum elong	-1418 Sep 08 j 19:07	2°♍39'54	1°57'24
	-1418 Sep 11 j 01:19	30°℞♌	
morning rise	-1418 Sep 14 j 14:14	26°♌57'18	
asc. node	-1418 Sep 14 j 15:16	26°♌55'50	
direct	-1418 Sep 17 j 15:12	26°♌04'33	
morning max el	-1418 Sep 24 j 11:02	29°♌53'22	18°49'56
	-1418 Sep 24 j 13:38	0°♍	
	-1418 Oct 15 j 02:42	0°♎	
morning set	-1418 Oct 15 j 19:24	1°♎06'10	
desc. node	-1418 Oct 25 j 06:46	16°♎03'49	
max. Earth dist.	-1418 Oct 31 j 09:46	25°♎42'04	1.44911 AU
superior conj	-1418 Nov 01 j 02:27	26°♎47'44	0°-43'-15
minimum elong	-1418 Oct 31 j 20:55	26°♎25'58	0°42'34
	-1418 Nov 03 j 03:15	0°♏	
evening rise	-1418 Nov 16 j 18:31	21°♏43'15	
	-1418 Nov 21 j 21:44	0°♐	
evening max el	-1418 Dec 07 j 20:15	23°♐07'27	18°49'24
asc. node	-1418 Dec 11 j 14:29	26°♐07'19	
retrograde	-1418 Dec 14 j 14:48	26°♐56'44	
evening set	-1418 Dec 17 j 17:16	26°♐01'38	
inferior conj	-1418 Dec 23 j 12:44	20°♐16'57	3°20'16
minimum elong	-1418 Dec 23 j 09:58	20°♐25'28	3°19'39
min. Earth dist.	-1418 Dec 25 j 05:30	18°♐12'11	0.65239 AU
morning rise	-1418 Dec 29 j 01:38	14°♐07'45	
direct	-1417 Jan 04 j 16:45	11°♐17'30	
morning max el	-1417 Jan 17 j 19:33	18°♐55'49	26°53'14
desc. node	-1417 Jan 21 j 05:56	22°♐36'15	
	-1417 Jan 27 j 06:01	0°♑	
	-1417 Feb 15 j 16:34	0°♒	
morning set	-1417 Feb 22 j 13:47	12°♒38'25	
max. Earth dist.	-1417 Feb 27 j 01:15	21°♒26'37	1.34383 AU
superior conj	-1417 Mar 03 j 00:43	29°♒36'05	-1°-4'-12

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1417 Mar 03 j 03:37	29°♒51'10	1°03'43
	-1417 Mar 03 j 05:18	0°♓	
asc. node	-1417 Mar 09 j 13:49	13°♓21'38	
evening rise	-1417 Mar 10 j 13:02	15°♓22'36	
	-1417 Mar 18 j 00:12	0°♈	
evening max el	-1417 Mar 30 j 09:18	17°♈19'09	21°22'25
retrograde	-1417 Apr 11 j 09:07	23°♈07'41	
evening set	-1417 Apr 13 j 19:38	22°♈54'04	
desc. node	-1417 Apr 19 j 05:01	21°♈00'54	
inferior conj	-1417 Apr 23 j 03:41	18°♈53'59	-1°-6'-50
minimum elong	-1417 Apr 23 j 00:33	18°♈58'24	1°05'43
min. Earth dist.	-1417 Apr 23 j 10:16	18°♈44'44	0.55047 AU
morning rise	-1417 May 02 j 05:38	14°♈52'51	
direct	-1417 May 05 j 07:38	14°♈32'10	
morning max el	-1417 May 17 j 22:07	20°♈31'48	22°11'20
	-1417 May 25 j 20:01	0°♉	
asc. node	-1417 Jun 05 j 13:09	18°♉44'23	
morning set	-1417 Jun 08 j 07:19	24°♉22'34	
	-1417 Jun 10 j 23:32	0°♊	
superior conj	-1417 Jun 15 j 14:21	9°♊47'07	1°28'29
minimum elong	-1417 Jun 15 j 11:51	9°♊34'00	1°28'14
max. Earth dist.	-1417 Jun 18 j 20:11	16°♊32'06	1.34500 AU
evening rise	-1417 Jun 23 j 14:59	26°♊06'00	
	-1417 Jun 25 j 15:49	0°♋	
	-1417 Jul 13 j 16:59	0°♌	
desc. node	-1417 Jul 16 j 04:22	3°♌28'35	
evening max el	-1417 Jul 28 j 10:53	18°♌01'22	27°04'03
retrograde	-1417 Aug 10 j 16:57	25°♌20'43	
evening set	-1417 Aug 17 j 14:20	22°♌34'44	
min. Earth dist.	-1417 Aug 21 j 11:02	18°♌46'36	0.65212 AU
inferior conj	-1417 Aug 23 j 11:10	16°♌29'30	-2°-50'-41
minimum elong	-1417 Aug 23 j 15:08	16°♌18'10	2°49'23
morning rise	-1417 Aug 29 j 17:23	10°♌52'01	
direct	-1417 Sep 01 j 11:19	10°♌11'07	
asc. node	-1417 Sep 01 j 12:20	10°♌11'08	
morning max el	-1417 Sep 08 j 00:28	13°♌44'11	18°14'31
	-1417 Sep 19 j 12:42	0°♍	
morning set	-1417 Sep 26 j 15:11	11°♍41'35	
	-1417 Oct 07 j 21:04	0°♎	
superior conj	-1417 Oct 11 j 04:32	5°♎16'44	0°06'19
minimum elong	-1417 Oct 11 j 05:20	5°♎19'53	0°06'11
behind sun begin	-1417 Oct 10 j 19:04	4°♎39'09	
behind sun end	-1417 Oct 11 j 15:35	6°♎00'35	
desc. node	-1417 Oct 12 j 03:47	6°♎48'57	
max. Earth dist.	-1417 Oct 14 j 04:34	10°♎01'42	1.44827 AU
	-1417 Oct 26 j 22:50	0°♏	
evening rise	-1417 Oct 27 j 18:29	1°♏16'31	
greatest brilliancy	-1417 Nov 12 j 19:47	25°♏50'25	-0.7m
	-1417 Nov 15 j 18:35	0°♐	
evening max el	-1417 Nov 21 j 03:53	6°♐34'29	19°35'47
retrograde	-1417 Nov 28 j 11:34	10°♐49'34	
asc. node	-1417 Nov 28 j 11:31	10°♐49'34	
evening set	-1417 Dec 01 j 21:13	9°♐41'47	
inferior conj	-1417 Dec 07 j 11:37	3°♐42'27	2°45'08
minimum elong	-1417 Dec 07 j 08:43	3°♐51'55	2°44'14
min. Earth dist.	-1417 Dec 08 j 14:28	2°♐14'48	0.66348 AU
	-1417 Dec 10 j 09:40	30°℞♏	
morning rise	-1417 Dec 12 j 19:31	27°♏28'38	
direct	-1417 Dec 18 j 21:54	24°♏47'58	
	-1417 Dec 29 j 00:35	0°♐	
morning max el	-1417 Dec 31 j 04:55	2°♐04'36	25°46'14
desc. node	-1416 Jan 08 j 03:01	11°♐11'54	
	-1416 Jan 21 j 09:12	0°♑	
morning set	-1416 Feb 05 j 10:13	25°♑22'16	
	-1416 Feb 07 j 21:59	0°♒	
max. Earth dist.	-1416 Feb 09 j 07:39	2°♒39'48	1.35907 AU
superior conj	-1416 Feb 14 j 19:01	13°♒24'50	-1°-27'-29
minimum elong	-1416 Feb 14 j 22:34	13°♒42'43	1°27'02
evening rise	-1416 Feb 22 j 19:08	29°♒45'50	
	-1416 Feb 22 j 21:55	0°♓	
asc. node	-1416 Feb 24 j 10:51	3°♓06'35	
evening max el	-1416 Mar 11 j 17:08	28°♓41'34	20°05'25
	-1416 Mar 13 j 04:21	0°♈	
retrograde	-1416 Mar 22 j 00:38	3°♈37'22	
evening set	-1416 Mar 24 j 04:43	3°♈25'13	
	-1416 Apr 01 j 02:39	30°℞♓	
inferior conj	-1416 Apr 02 j 01:32	29°♓25'43	0°50'46
minimum elong	-1416 Apr 02 j 03:45	29°♓22'23	0°50'01
min. Earth dist.	-1416 Apr 04 j 00:25	28°♓15'14	0.55509 AU
desc. node	-1416 Apr 05 j 02:05	27°♓37'50	
morning rise	-1416 Apr 11 j 00:01	24°♓59'43	
direct	-1416 Apr 14 j 21:52	24°♓26'09	
	-1416 Apr 27 j 07:01	0°♈	
morning max el	-1416 Apr 28 j 15:36	1°♈13'56	23°51'03
	-1416 May 18 j 04:25	0°♉	
asc. node	-1416 May 22 j 10:12	8°♉34'57	
morning set	-1416 May 22 j 19:04	9°♉21'24	
superior conj	-1416 May 29 j 21:34	24°♉35'59	1°11'24
minimum elong	-1416 May 29 j 19:04	24°♉22'32	1°11'02
max. Earth dist.	-1416 May 31 j 21:59	28°♉55'17	1.33441 AU
	-1416 Jun 01 j 10:10	0°♊	
evening rise	-1416 Jun 06 j 09:26	10°♊16'39	
	-1416 Jun 16 j 23:59	0°♋	
desc. node	-1416 Jul 02 j 01:22	22°♋25'50	
	-1416 Jul 08 j 16:39	0°♌	
evening max el	-1416 Jul 09 j 21:31	1°♌10'56	27°24'52
retrograde	-1416 Jul 23 j 12:54	8°♌32'28	
evening set	-1416 Jul 30 j 16:53	5°♌51'49	
min. Earth dist.	-1416 Aug 03 j 08:02	2°♌38'09	0.63729 AU
inferior conj	-1416 Aug 05 j 21:40	29°♋59'10	-3°-37'-33
minimum elong	-1416 Aug 06 j 02:05	29°♋47'45	3°36'26
	-1416 Aug 05 j 21:21	30°℞♋	
morning rise	-1416 Aug 12 j 13:20	24°♋38'54	
direct	-1416 Aug 15 j 02:41	24°♋06'39	
asc. node	-1416 Aug 18 j 09:25	25°♋00'13	
morning max el	-1416 Aug 21 j 15:54	27°♋32'21	17°56'25
	-1416 Aug 23 j 20:37	0°♌	
morning set	-1416 Sep 07 j 12:58	23°♌31'21	
	-1416 Sep 11 j 07:07	0°♍	
superior conj	-1416 Sep 20 j 01:25	14°♍43'25	0°50'39
minimum elong	-1416 Sep 20 j 06:18	15°♍03'30	0°50'03
max. Earth dist.	-1416 Sep 25 j 21:05	24°♍09'26	1.44034 AU
desc. node	-1416 Sep 28 j 00:48	27°♍35'15	
	-1416 Sep 29 j 13:26	0°♎	
evening rise	-1416 Oct 06 j 02:13	10°♎10'54	
	-1416 Oct 19 j 04:37	0°♏	
greatest brilliancy	-1416 Oct 28 j 06:17	12°♏50'40	-0.5m
evening max el	-1416 Nov 03 j 06:17	20°♏01'54	20°36'49
retrograde	-1416 Nov 11 j 09:08	24°♏49'45	
asc. node	-1416 Nov 14 j 08:36	23°♏58'57	
evening set	-1416 Nov 15 j 04:07	23°♏27'03	
inferior conj	-1416 Nov 20 j 15:13	17°♏16'34	2°02'23
minimum elong	-1416 Nov 20 j 12:45	17°♏24'58	2°01'28
min. Earth dist.	-1416 Nov 21 j 05:46	16°♏27'07	0.67086 AU
morning rise	-1416 Nov 25 j 20:54	11°♏00'34	
direct	-1416 Dec 01 j 08:23	8°♏37'29	
morning max el	-1416 Dec 12 j 13:23	15°♏18'42	24°24'04
	-1416 Dec 24 j 15:15	0°♐	
desc. node	-1416 Dec 25 j 00:06	0°♐30'19	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

	-1415 Jan 13 j 07:32	0°♉	
morning set	-1415 Jan 17 j 10:17	7°♉01'54	
max. Earth dist.	-1415 Jan 21 j 04:43	13°♉43'20	1.37814 AU
superior conj	-1415 Jan 28 j 02:16	26°♉36'42	-1°-46'-20
minimum elong	-1415 Jan 28 j 05:35	26°♉52'43	1°46'06
	-1415 Jan 29 j 20:13	0°♒	
evening rise	-1415 Feb 05 j 19:12	13°♒45'27	
asc. node	-1415 Feb 10 j 07:54	22°♒32'48	
	-1415 Feb 14 j 12:07	0°♓	
evening max el	-1415 Feb 22 j 11:56	10°♓42'29	19°06'56
retrograde	-1415 Mar 03 j 04:50	14°♓53'03	
evening set	-1415 Mar 05 j 11:21	14°♓37'12	
inferior conj	-1415 Mar 13 j 14:39	10°♓24'39	2°26'04
minimum elong	-1415 Mar 13 j 19:14	10°♓16'45	2°24'48
min. Earth dist.	-1415 Mar 16 j 16:04	8°♓19'06	0.56823 AU
morning rise	-1415 Mar 21 j 23:04	5°♓26'41	
desc. node	-1415 Mar 22 j 23:10	5°♓05'25	
direct	-1415 Mar 27 j 00:46	4°♓26'20	
morning max el	-1415 Apr 10 j 06:25	11°♓46'24	25°27'38
	-1415 Apr 24 j 07:00	0°♈	
morning set	-1415 May 07 j 07:04	24°♈21'35	
asc. node	-1415 May 09 j 07:15	28°♈37'44	
	-1415 May 09 j 22:32	0°♉	
superior conj	-1415 May 14 j 07:59	9°♉34'11	0°50'49
minimum elong	-1415 May 14 j 05:58	9°♉23'07	0°50'27
max. Earth dist.	-1415 May 15 j 06:59	11°♉39'33	1.32766 AU
evening rise	-1415 May 21 j 11:54	24°♉51'34	
	-1415 May 24 j 00:53	0°♊	
	-1415 Jun 10 j 15:35	0°♋	
desc. node	-1415 Jun 18 j 22:23	10°♋27'44	
evening max el	-1415 Jun 22 j 05:06	13°♋50'06	27°14'24
retrograde	-1415 Jul 06 j 02:19	21°♋09'28	
evening set	-1415 Jul 13 j 04:39	18°♋48'07	
min. Earth dist.	-1415 Jul 16 j 19:02	15°♋59'37	0.61917 AU
inferior conj	-1415 Jul 19 j 20:40	13°♋11'04	-4°-14'-36
minimum elong	-1415 Jul 20 j 00:22	13°♋02'34	4°14'01
morning rise	-1415 Jul 26 j 22:46	8°♋10'51	
direct	-1415 Jul 29 j 09:58	7°♋44'32	
asc. node	-1415 Aug 05 j 06:30	11°♋11'30	
morning max el	-1415 Aug 05 j 06:28	11°♋11'25	17°56'39
	-1415 Aug 17 j 19:01	0°♌	
morning set	-1415 Aug 21 j 07:06	6°♌19'45	
superior conj	-1415 Sep 01 j 01:42	25°♌31'16	1°22'31
minimum elong	-1415 Sep 01 j 06:35	25°♌52'19	1°22'04
	-1415 Sep 03 j 16:31	0°♍	
max. Earth dist.	-1415 Sep 08 j 09:23	7°♍50'43	1.42640 AU
desc. node	-1415 Sep 14 j 21:48	18°♍19'46	
evening rise	-1415 Sep 15 j 11:04	19°♍12'00	
	-1415 Sep 22 j 11:05	0°♎	
greatest brilliancy	-1415 Oct 12 j 07:01	27°♎59'52	-0.4m
	-1415 Oct 13 j 22:47	0°♏	
evening max el	-1415 Oct 17 j 02:50	3°♏29'39	21°49'11
retrograde	-1415 Oct 26 j 05:31	8°♏54'35	
evening set	-1415 Oct 30 j 12:01	7°♏14'45	
asc. node	-1415 Nov 01 j 05:41	5°♏36'48	
inferior conj	-1415 Nov 04 j 21:25	0°♏56'38	1°14'07
minimum elong	-1415 Nov 04 j 19:46	1°♏02'18	1°13'26
min. Earth dist.	-1415 Nov 05 j 00:54	0°♏44'33	0.67489 AU
	-1415 Nov 05 j 13:50	30°℞♎	
morning rise	-1415 Nov 10 j 03:16	24°♎41'01	
direct	-1415 Nov 14 j 23:27	22°♎39'37	
morning max el	-1415 Nov 24 j 23:05	28°♎36'01	22°56'40
	-1415 Nov 26 j 07:12	0°♏	
greatest brilliancy	-1415 Nov 29 j 18:03	3°♏58'07	-0.3m
desc. node	-1415 Dec 11 j 21:08	20°♏18'49	
	-1415 Dec 18 j 09:34	0°♐	
morning set	-1415 Dec 29 j 07:40	17°♐20'22	
max. Earth dist.	-1414 Jan 03 j 00:07	25°♐14'30	1.39920 AU
	-1414 Jan 05 j 17:48	0°♑	
superior conj	-1414 Jan 10 j 17:59	8°♑59'15	-1°-57'-48
minimum elong	-1414 Jan 10 j 19:35	9°♑06'35	1°57'48
evening rise	-1414 Jan 20 j 10:21	27°♑13'20	
	-1414 Jan 21 j 21:21	0°♒	
asc. node	-1414 Jan 28 j 04:58	11°♒32'57	
evening max el	-1414 Feb 05 j 15:28	23°♒15'15	18°28'20
retrograde	-1414 Feb 13 j 03:40	26°♒56'19	
evening set	-1414 Feb 15 j 14:30	26°♒34'00	
inferior conj	-1414 Feb 23 j 00:20	22°♒01'08	3°25'33
minimum elong	-1414 Feb 23 j 03:51	21°♒54'05	3°24'57
min. Earth dist.	-1414 Feb 26 j 10:30	19°♒17'25	0.58695 AU
morning rise	-1414 Mar 02 j 13:30	16°♒35'54	
direct	-1414 Mar 08 j 16:49	14°♒58'42	
desc. node	-1414 Mar 09 j 20:15	15°♒02'03	
morning max el	-1414 Mar 23 j 00:12	22°♒35'42	26°46'02
	-1414 Mar 29 j 13:57	0°♓	
	-1414 Apr 17 j 03:33	0°♈	
morning set	-1414 Apr 21 j 17:34	9°♈16'11	
asc. node	-1414 Apr 26 j 04:18	18°♈47'09	
superior conj	-1414 Apr 28 j 19:41	24°♈34'06	0°27'35
minimum elong	-1414 Apr 28 j 18:29	24°♈27'32	0°27'20
max. Earth dist.	-1414 Apr 28 j 19:42	24°♈34'13	1.32451 AU
	-1414 May 01 j 07:13	0°♉	
evening rise	-1414 May 05 j 19:34	9°♉40'27	
	-1414 May 16 j 09:26	0°♊	
evening max el	-1414 Jun 04 j 06:59	25°♊47'14	26°30'57
desc. node	-1414 Jun 05 j 19:25	27°♊10'27	
	-1414 Jun 09 j 11:40	0°♋	
retrograde	-1414 Jun 18 j 07:32	3°♋02'57	
evening set	-1414 Jun 24 j 21:04	1°♋13'53	
	-1414 Jun 26 j 21:30	30°℞♊	
min. Earth dist.	-1414 Jun 28 j 20:15	28°♊35'36	0.59891 AU
inferior conj	-1414 Jul 02 j 04:33	25°♊55'27	-4°-34'-48
minimum elong	-1414 Jul 02 j 05:47	25°♊52'59	4°34'44
morning rise	-1414 Jul 09 j 17:49	21°♊17'37	
direct	-1414 Jul 12 j 05:02	20°♊55'20	
morning max el	-1414 Jul 19 j 17:11	24°♊33'07	18°16'24
asc. node	-1414 Jul 23 j 03:33	28°♊29'05	
	-1414 Jul 24 j 06:01	0°♋	
morning set	-1414 Aug 04 j 16:06	19°♋51'45	
	-1414 Aug 10 j 00:52	0°♌	
superior conj	-1414 Aug 14 j 03:18	7°♌34'32	1°40'57
minimum elong	-1414 Aug 14 j 06:06	7°♌47'16	1°40'47
max. Earth dist.	-1414 Aug 21 j 16:29	20°♌53'27	1.40822 AU
evening rise	-1414 Aug 26 j 14:01	29°♌04'43	
	-1414 Aug 27 j 03:33	0°♍	
desc. node	-1414 Sep 01 j 18:48	8°♍59'06	
	-1414 Sep 16 j 00:37	0°♎	
greatest brilliancy	-1414 Sep 24 j 03:56	10°♎41'28	-0.2m
evening max el	-1414 Sep 29 j 18:12	16°♎58'58	23°08'18
retrograde	-1414 Oct 09 j 23:18	23°♎01'51	
evening set	-1414 Oct 14 j 19:13	21°♎03'20	
asc. node	-1414 Oct 19 j 02:44	16°♎08'50	
inferior conj	-1414 Oct 20 j 04:21	14°♎41'11	0°22'04
minimum elong	-1414 Oct 20 j 03:50	14°♎42'59	0°21'51
min. Earth dist.	-1414 Oct 19 j 21:26	15°♎05'00	0.67573 AU
morning rise	-1414 Oct 25 j 12:28	8°♎28'38	
direct	-1414 Oct 29 j 18:07	6°♎49'38	
morning max el	-1414 Nov 07 j 13:37	12°♎00'40	21°32'46

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

greatest brilliancy	-1414 Nov 12 j 15:04	17°♎48'17	-0.4m
	-1414 Nov 21 j 14:48	0°♏	
desc. node	-1414 Nov 28 j 18:10	10°♏29'03	
morning set	-1414 Dec 09 j 00:13	26°♏16'55	
	-1414 Dec 11 j 08:12	0°♐	
max. Earth dist.	-1414 Dec 16 j 01:12	7°♐39'39	1.41933 AU
superior conj	-1414 Dec 23 j 12:47	20°♐19'19	-1°-57'-58
minimum elong	-1414 Dec 23 j 10:47	20°♐10'39	1°57'58
	-1414 Dec 29 j 00:21	0°♑	
evening rise	-1413 Jan 03 j 13:06	10°♑02'14	
asc. node	-1413 Jan 15 j 02:00	29°♑58'48	
	-1413 Jan 15 j 02:20	0°♒	
evening max el	-1413 Jan 20 j 00:45	6°♒11'39	18°09'42
retrograde	-1413 Jan 26 j 20:02	9°♒39'16	
evening set	-1413 Jan 29 j 10:38	9°♒09'15	
inferior conj	-1413 Feb 05 j 05:52	4°♒14'20	3°51'50
minimum elong	-1413 Feb 05 j 06:58	4°♒11'48	3°51'45
min. Earth dist.	-1413 Feb 08 j 10:56	1°♒16'10	0.60765 AU
	-1413 Feb 09 j 22:56	30°℞♑	
morning rise	-1413 Feb 12 j 00:30	28°♑29'47	
direct	-1413 Feb 18 j 19:50	26°♑16'15	
desc. node	-1413 Feb 24 j 17:19	27°♑47'00	
	-1413 Feb 28 j 07:47	0°♒	
morning max el	-1413 Mar 05 j 00:13	4°♒02'06	27°33'48
	-1413 Mar 24 j 05:01	0°♓	
morning set	-1413 Apr 06 j 00:47	23°♓58'59	
	-1413 Apr 08 j 21:38	0°♈	
max. Earth dist.	-1413 Apr 12 j 08:18	7°♈26'11	1.32487 AU
superior conj	-1413 Apr 13 j 07:00	9°♈30'07	0°02'31
minimum elong	-1413 Apr 13 j 06:53	9°♈29'29	0°02'29
behind sun begin	-1413 Apr 13 j 01:53	9°♈02'11	
behind sun end	-1413 Apr 13 j 11:53	9°♈56'49	
asc. node	-1413 Apr 13 j 01:19	8°♈59'05	
evening rise	-1413 Apr 20 j 06:13	24°♈35'42	
	-1413 Apr 22 j 20:47	0°♉	
	-1413 May 10 j 20:06	0°♊	
evening max el	-1413 May 17 j 02:04	6°♊59'58	25°18'29
desc. node	-1413 May 23 j 16:27	12°♊02'30	
retrograde	-1413 May 31 j 02:57	14°♊09'43	
evening set	-1413 Jun 05 j 14:57	12°♊59'16	
min. Earth dist.	-1413 Jun 10 j 13:56	10°♊13'31	0.57879 AU
inferior conj	-1413 Jun 13 j 17:50	8°♊02'34	-4°-27'-44
minimum elong	-1413 Jun 13 j 14:58	8°♊07'33	4°27'29
morning rise	-1413 Jun 21 j 18:55	3°♊47'06	
direct	-1413 Jun 24 j 07:25	3°♊27'48	
morning max el	-1413 Jul 02 j 21:09	7°♊28'54	18°56'33
asc. node	-1413 Jul 10 j 00:35	16°♊38'33	
	-1413 Jul 17 j 11:19	0°♋	
morning set	-1413 Jul 19 j 11:40	3°♋55'46	
superior conj	-1413 Jul 28 j 00:32	20°♋37'20	1°47'49
minimum elong	-1413 Jul 28 j 01:02	20°♋39'44	1°47'49
	-1413 Aug 02 j 00:52	0°♌	
max. Earth dist.	-1413 Aug 03 j 19:28	3°♌12'49	1.38825 AU
evening rise	-1413 Aug 07 j 18:04	10°♌08'37	
desc. node	-1413 Aug 19 j 15:48	29°♌28'42	
	-1413 Aug 20 j 00:00	0°♍	
	-1413 Sep 11 j 18:02	0°♎	
evening max el	-1413 Sep 12 j 06:12	0°♎30'29	24°28'07
retrograde	-1413 Sep 23 j 13:26	7°♎07'25	
evening set	-1413 Sep 29 j 00:02	4°♎50'18	
	-1413 Oct 03 j 06:45	30°℞♍	
min. Earth dist.	-1413 Oct 03 j 16:57	29°♍26'02	0.67341 AU
inferior conj	-1413 Oct 04 j 10:19	28°♍27'50	0°-32'-15
minimum elong	-1413 Oct 04 j 11:06	28°♍25'13	0°31'55
asc. node	-1413 Oct 05 j 23:47	26°♍24'38	
morning rise	-1413 Oct 09 j 22:31	22°♍21'06	
direct	-1413 Oct 13 j 15:15	21°♍02'44	
morning max el	-1413 Oct 21 j 11:21	25°♍34'54	20°18'32
	-1413 Oct 25 j 08:19	0°♎	
greatest brilliancy	-1413 Oct 28 j 03:40	3°♎38'44	-0.6m
	-1413 Nov 15 j 01:02	0°♏	
desc. node	-1413 Nov 15 j 15:11	0°♏54'19	
morning set	-1413 Nov 17 j 22:17	4°♏26'55	
max. Earth dist.	-1413 Nov 28 j 09:47	20°♏56'53	1.43568 AU
	-1413 Dec 03 j 23:27	0°♐	
superior conj	-1413 Dec 04 j 05:29	0°♐24'50	-1°-42'-32
minimum elong	-1413 Dec 03 j 23:06	29°♏58'30	1°42'05
evening rise	-1413 Dec 16 j 23:15	22°♐03'15	
	-1413 Dec 21 j 13:00	0°♑	
asc. node	-1412 Jan 01 j 23:02	17°♑39'34	
evening max el	-1412 Jan 03 j 12:51	19°♑23'21	18°10'35
retrograde	-1412 Jan 10 j 01:25	22°♑50'59	
evening set	-1412 Jan 12 j 19:46	22°♑12'21	
inferior conj	-1412 Jan 19 j 03:40	16°♑56'32	3°52'53
minimum elong	-1412 Jan 19 j 02:36	16°♑59'20	3°52'49
min. Earth dist.	-1412 Jan 21 j 20:13	14°♑06'47	0.62736 AU
morning rise	-1412 Jan 25 j 07:28	10°♑59'11	
direct	-1412 Feb 01 j 07:54	8°♑19'33	
desc. node	-1412 Feb 11 j 14:21	12°♑52'04	
morning max el	-1412 Feb 15 j 06:02	16°♑09'23	27°45'07
	-1412 Feb 26 j 16:28	0°♒	
	-1412 Mar 15 j 19:59	0°♓	
morning set	-1412 Mar 20 j 02:31	8°♓22'29	
max. Earth dist.	-1412 Mar 25 j 16:46	20°♓01'12	1.32888 AU
superior conj	-1412 Mar 27 j 16:16	24°♓16'26	0°-23'-35
minimum elong	-1412 Mar 27 j 17:22	24°♓22'24	0°23'22
asc. node	-1412 Mar 29 j 22:22	29°♓09'30	
	-1412 Mar 30 j 07:40	0°♈	
evening rise	-1412 Apr 03 j 17:58	9°♈30'33	
	-1412 Apr 14 j 10:12	0°♉	
evening max el	-1412 Apr 27 j 17:06	17°♉42'45	23°47'53
desc. node	-1412 May 09 j 13:29	24°♉27'39	
retrograde	-1412 May 11 j 10:47	24°♉35'47	
evening set	-1412 May 15 j 12:53	23°♉58'48	
min. Earth dist.	-1412 May 22 j 04:04	20°♉50'41	0.56203 AU
inferior conj	-1412 May 24 j 11:01	19°♉27'08	-3°-41'-48
minimum elong	-1412 May 24 j 04:36	19°♉36'56	3°40'25
morning rise	-1412 Jun 02 j 00:03	15°♉28'19	
direct	-1412 Jun 04 j 14:25	15°♉11'06	
morning max el	-1412 Jun 14 j 15:49	19°♉50'19	19°57'26
	-1412 Jun 22 j 15:59	0°♊	
asc. node	-1412 Jun 25 j 21:38	5°♊28'08	
morning set	-1412 Jul 02 j 14:39	18°♊23'58	
	-1412 Jul 08 j 07:29	0°♋	
superior conj	-1412 Jul 10 j 12:08	4°♋24'53	1°45'34
minimum elong	-1412 Jul 10 j 10:54	4°♋18'44	1°45'32
max. Earth dist.	-1412 Jul 15 j 23:17	15°♋04'03	1.36914 AU
evening rise	-1412 Jul 19 j 21:50	22°♋22'21	
	-1412 Jul 24 j 05:24	0°♌	
desc. node	-1412 Aug 05 j 12:49	19°♌43'35	
	-1412 Aug 12 j 19:06	0°♍	
evening max el	-1412 Aug 24 j 17:17	14°♍04'59	25°41'19
retrograde	-1412 Sep 05 j 23:15	21°♍06'58	
evening set	-1412 Sep 12 j 00:37	18°♍33'52	
min. Earth dist.	-1412 Sep 16 j 09:11	13°♍45'51	0.66788 AU
inferior conj	-1412 Sep 17 j 13:36	12°♍14'58	-1°-27'-14
minimum elong	-1412 Sep 17 j 15:45	12°♍08'05	1°26'22
asc. node	-1412 Sep 21 j 20:49	7°♍22'28	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1412 Sep 23 j 07:35	6°♍16'54	
direct	-1412 Sep 26 j 13:32	5°♍15'56	
morning max el	-1412 Oct 03 j 16:28	9°♍18'17	19°17'48
greatest brilliancy	-1412 Oct 13 j 23:32	22°♍51'13	-0.7m
	-1412 Oct 18 j 16:35	0°♎	
morning set	-1412 Oct 27 j 01:26	12°♎59'32	
desc. node	-1412 Nov 01 j 12:12	21°♎30'11	
	-1412 Nov 06 j 22:17	0°♏	
max. Earth dist.	-1412 Nov 10 j 00:15	4°♏51'21	1.44618 AU
superior conj	-1412 Nov 12 j 20:07	9°♏20'10	-1°-9'-13
minimum elong	-1412 Nov 12 j 12:29	8°♏49'50	1°08'23
	-1412 Nov 25 j 14:44	0°♐	
evening rise	-1412 Nov 27 j 12:27	3°♐08'38	
	-1412 Dec 14 j 15:37	0°♑	
evening max el	-1412 Dec 17 j 01:08	2°♑44'39	18°30'11
asc. node	-1412 Dec 18 j 20:04	4°♑22'43	
retrograde	-1412 Dec 23 j 15:26	6°♑23'16	
evening set	-1412 Dec 26 j 14:28	5°♑34'47	
inferior conj	-1411 Jan 01 j 13:48	0°♑00'06	3°36'00
minimum elong	-1411 Jan 01 j 11:25	0°♑07'05	3°35'36
	-1411 Jan 01 j 13:51	30°℞♐	
min. Earth dist.	-1411 Jan 03 j 15:19	27°♐35'41	0.64430 AU
morning rise	-1411 Jan 07 j 07:02	23°♐54'21	
direct	-1411 Jan 14 j 03:35	21°♐03'26	
morning max el	-1411 Jan 27 j 15:00	28°♐49'29	27°20'54
desc. node	-1411 Jan 28 j 11:24	29°♐41'16	
	-1411 Jan 28 j 18:36	0°♑	
	-1411 Feb 19 j 11:56	0°♒	
morning set	-1411 Mar 03 j 19:59	22°♒16'54	
	-1411 Mar 07 j 16:32	0°♓	
max. Earth dist.	-1411 Mar 08 j 17:00	2°♓05'42	1.33705 AU
superior conj	-1411 Mar 11 j 21:35	8°♓46'23	0°-49'-41
minimum elong	-1411 Mar 11 j 23:54	8°♓58'34	0°49'15
asc. node	-1411 Mar 16 j 19:24	19°♓13'44	
evening rise	-1411 Mar 19 j 05:01	24°♓18'10	
	-1411 Mar 21 j 23:26	0°♈	
evening max el	-1411 Apr 09 j 10:28	28°♈22'28	22°13'26
	-1411 Apr 11 j 05:55	0°♉	
retrograde	-1411 Apr 22 j 06:14	4°♉39'03	
evening set	-1411 Apr 25 j 02:48	4°♉21'02	
desc. node	-1411 Apr 26 j 10:31	4°♉01'10	
min. Earth dist.	-1411 May 03 j 17:29	0°♉38'35	0.55211 AU
inferior conj	-1411 May 04 j 11:31	0°♉13'07	-2°-12'-36
minimum elong	-1411 May 04 j 05:46	0°♉21'16	2°10'45
	-1411 May 04 j 20:49	30°℞♈	
morning rise	-1411 May 13 j 10:28	26°♈17'37	
direct	-1411 May 16 j 05:56	25°♈59'45	
	-1411 May 26 j 06:04	0°♉	
morning max el	-1411 May 27 j 23:28	1°♉29'27	21°17'49
asc. node	-1411 Jun 12 j 18:40	24°♉47'17	
	-1411 Jun 15 j 09:42	0°♊	
morning set	-1411 Jun 16 j 22:36	3°♊08'41	
superior conj	-1411 Jun 24 j 09:45	18°♊43'31	1°36'19
minimum elong	-1411 Jun 24 j 07:31	18°♊31'58	1°36'09
max. Earth dist.	-1411 Jun 28 j 10:05	26°♊54'14	1.35280 AU
	-1411 Jun 29 j 23:34	0°♋	
evening rise	-1411 Jul 02 j 20:22	5°♋32'14	
	-1411 Jul 16 j 23:42	0°♌	
desc. node	-1411 Jul 23 j 09:50	9°♌36'09	
evening max el	-1411 Aug 07 j 04:55	27°♌38'01	26°40'01
	-1411 Aug 09 j 19:41	0°♍	
retrograde	-1411 Aug 20 j 04:00	4°♍53'44	
evening set	-1411 Aug 26 j 18:51	2°♍10'17	
	-1411 Aug 29 j 01:17	30°℞♌	
min. Earth dist.	-1411 Aug 30 j 19:43	28°♌00'06	0.65888 AU
inferior conj	-1411 Sep 01 j 12:13	25°♌58'55	-2°-21'-6
minimum elong	-1411 Sep 01 j 15:37	25°♌48'43	2°19'53
morning rise	-1411 Sep 07 j 13:32	20°♌12'43	
asc. node	-1411 Sep 08 j 17:52	19°♌42'08	
direct	-1411 Sep 10 j 11:09	19°♌25'29	
morning max el	-1411 Sep 17 j 03:26	23°♌06'55	18°32'46
	-1411 Sep 22 j 16:09	0°♍	
morning set	-1411 Oct 07 j 04:46	22°♍46'17	
	-1411 Oct 11 j 16:50	0°♎	
desc. node	-1411 Oct 19 j 09:14	12°♎12'39	
superior conj	-1411 Oct 22 j 20:29	17°♎40'51	0°-22'-21
minimum elong	-1411 Oct 22 j 17:31	17°♎29'10	0°22'00
max. Earth dist.	-1411 Oct 23 j 18:12	19°♎06'15	1.44961 AU
	-1411 Oct 30 j 16:30	0°♏	
evening rise	-1411 Nov 08 j 01:38	13°♏13'41	
	-1411 Nov 18 j 16:41	0°♐	
evening max el	-1411 Nov 30 j 11:09	16°♐11'04	19°07'18
asc. node	-1411 Dec 05 j 17:06	19°♐53'35	
retrograde	-1411 Dec 07 j 10:29	20°♐10'08	
evening set	-1411 Dec 10 j 15:47	19°♐09'57	
inferior conj	-1411 Dec 16 j 08:53	13°♐18'58	3°06'28
minimum elong	-1411 Dec 16 j 05:58	13°♐28'08	3°05'42
min. Earth dist.	-1411 Dec 17 j 19:38	11°♐29'24	0.65758 AU
morning rise	-1411 Dec 21 j 19:16	7°♐07'39	
direct	-1411 Dec 28 j 05:32	4°♐19'53	
morning max el	-1410 Jan 10 j 00:31	11°♐50'34	26°27'12
desc. node	-1410 Jan 15 j 08:28	17°♐44'46	
	-1410 Jan 24 j 14:37	0°♑	
	-1410 Feb 12 j 01:57	0°♒	
morning set	-1410 Feb 15 j 01:31	5°♒30'55	
max. Earth dist.	-1410 Feb 19 j 06:05	13°♒35'31	1.34977 AU
superior conj	-1410 Feb 23 j 20:47	22°♒53'13	-1°-14'-28
minimum elong	-1410 Feb 24 j 00:02	23°♒09'56	1°13'57
	-1410 Feb 27 j 07:09	0°♓	
evening rise	-1410 Mar 03 j 13:33	8°♓52'38	
asc. node	-1410 Mar 03 j 16:27	9°♓07'33	
	-1410 Mar 14 j 23:46	0°♈	
evening max el	-1410 Mar 22 j 12:15	9°♈25'38	20°47'37
retrograde	-1410 Apr 02 j 19:11	14°♈50'57	
evening set	-1410 Apr 05 j 01:28	14°♈38'46	
desc. node	-1410 Apr 13 j 07:33	11°♈13'33	
inferior conj	-1410 Apr 14 j 06:08	10°♈41'24	0°-16'00
minimum elong	-1410 Apr 14 j 05:23	10°♈42'28	0°15'44
transit middle	-1410 Apr 14 j 05:23	10°♈42'28	0°15'44
transit begin	-1410 Apr 14 j 04:52	10°♈43'12	
transit end	-1410 Apr 14 j 05:53	10°♈41'45	
min. Earth dist.	-1410 Apr 15 j 07:06	10°♈05'43	0.55135 AU
morning rise	-1410 Apr 23 j 08:01	6°♈31'24	
direct	-1410 Apr 26 j 17:24	6°♈06'29	
morning max el	-1410 May 09 j 20:56	12°♈28'05	22°53'03
	-1410 May 22 j 23:55	0°♉	
asc. node	-1410 May 30 j 15:45	14°♉28'22	
morning set	-1410 Jun 01 j 09:29	18°♉04'07	
	-1410 Jun 07 j 00:04	0°♊	
superior conj	-1410 Jun 08 j 14:13	3°♊23'35	1°21'44
minimum elong	-1410 Jun 08 j 11:39	3°♊09'57	1°21'25
max. Earth dist.	-1410 Jun 11 j 06:52	9°♊04'36	1.34011 AU
evening rise	-1410 Jun 16 j 08:47	19°♊24'23	
	-1410 Jun 21 j 22:44	0°♋	
desc. node	-1410 Jul 10 j 06:50	28°♋57'00	
	-1410 Jul 11 j 01:57	0°♌	
evening max el	-1410 Jul 20 j 16:38	11°♌00'15	27°16'30
retrograde	-1410 Aug 03 j 03:07	18°♌20'26	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

evening set	-1410 Aug 10 j 04:02	15°♌35'32	
min. Earth dist.	-1410 Aug 13 j 22:11	12°♌02'30	0.64626 AU
inferior conj	-1410 Aug 16 j 03:55	9°♌35'22	-3°-11'-28
minimum elong	-1410 Aug 16 j 08:11	9°♌23'40	3°10'12
morning rise	-1410 Aug 22 j 13:59	4°♌04'31	
direct	-1410 Aug 25 j 05:44	3°♌27'32	
asc. node	-1410 Aug 26 j 14:57	3°♌37'38	
morning max el	-1410 Aug 31 j 17:59	6°♌56'26	18°04'36
	-1410 Sep 16 j 04:27	0°♍	
morning set	-1410 Sep 18 j 12:14	3°♍54'57	
superior conj	-1410 Oct 02 j 04:27	26°♍27'48	0°26'22
minimum elong	-1410 Oct 02 j 07:31	26°♍40'08	0°25'58
	-1410 Oct 04 j 09:27	0°♎	
desc. node	-1410 Oct 06 j 06:15	2°♎58'09	
max. Earth dist.	-1410 Oct 06 j 12:41	3°♎23'42	1.44572 AU
evening rise	-1410 Oct 18 j 17:05	22°♎25'56	
	-1410 Oct 23 j 15:02	0°♏	
greatest brilliancy	-1410 Nov 06 j 13:25	20°♏45'00	-0.6m
evening max el	-1410 Nov 13 j 16:48	29°♏38'28	20°00'13
	-1410 Nov 14 j 01:16	0°♐	
retrograde	-1410 Nov 21 j 07:46	4°♐06'17	
asc. node	-1410 Nov 22 j 14:10	3°♐57'04	
evening set	-1410 Nov 24 j 21:14	2°♐52'17	
	-1410 Nov 27 j 21:41	30°℞♏	
inferior conj	-1410 Nov 30 j 10:02	26°♏47'54	2°27'46
minimum elong	-1410 Nov 30 j 07:15	26°♏57'08	2°26'51
min. Earth dist.	-1410 Dec 01 j 07:25	25°♏36'41	0.66705 AU
morning rise	-1410 Dec 05 j 16:41	20°♏33'10	
direct	-1410 Dec 11 j 12:58	17°♏59'17	
morning max el	-1410 Dec 23 j 09:17	25°♏01'35	25°12'39
	-1410 Dec 27 j 21:57	0°♐	
desc. node	-1409 Jan 02 j 05:32	6°♐39'57	
	-1409 Jan 18 j 02:26	0°♑	
morning set	-1409 Jan 28 j 14:02	17°♑49'05	
max. Earth dist.	-1409 Feb 01 j 08:04	24°♑41'27	1.36685 AU
	-1409 Feb 04 j 03:20	0°♒	
superior conj	-1409 Feb 07 j 10:51	6°♒27'34	-1°-36'-10
minimum elong	-1409 Feb 07 j 14:27	6°♒45'22	1°35'47
evening rise	-1409 Feb 15 j 17:24	23°♒06'42	
asc. node	-1409 Feb 18 j 13:30	28°♒45'16	
	-1409 Feb 19 j 04:51	0°♓	
evening max el	-1409 Mar 05 j 00:53	21°♓04'17	19°38'03
retrograde	-1409 Mar 14 j 14:49	25°♓39'07	
evening set	-1409 Mar 16 j 19:35	25°♓25'43	
inferior conj	-1409 Mar 25 j 09:14	21°♓21'37	1°35'12
minimum elong	-1409 Mar 25 j 12:57	21°♓15'43	1°34'00
min. Earth dist.	-1409 Mar 27 j 21:23	19°♓46'41	0.55987 AU
desc. node	-1409 Mar 31 j 04:38	17°♓54'55	
morning rise	-1409 Apr 03 j 02:53	16°♓42'30	
direct	-1409 Apr 07 j 12:16	15°♓59'21	
morning max el	-1409 Apr 21 j 12:25	23°♓02'00	24°33'23
	-1409 Apr 27 j 17:23	0°♈	
	-1409 May 15 j 10:11	0°♉	
morning set	-1409 May 16 j 21:35	3°♉04'18	
asc. node	-1409 May 17 j 12:50	4°♉24'44	
superior conj	-1409 May 23 j 23:03	18°♉16'59	1°03'03
minimum elong	-1409 May 23 j 20:42	18°♉04'15	1°02'39
max. Earth dist.	-1409 May 25 j 12:23	21°♉38'41	1.33116 AU
	-1409 May 29 j 11:00	0°♊	
evening rise	-1409 May 31 j 07:02	3°♊46'26	
	-1409 Jun 14 j 16:49	0°♋	
desc. node	-1409 Jun 27 j 03:51	17°♋32'59	
evening max el	-1409 Jul 03 j 02:22	23°♋58'34	27°24'23
	-1409 Jul 11 j 09:26	0°♌	

retrograde	-1409 Jul 16 j 20:07	1°♌18'42	
	-1409 Jul 21 j 23:32	30°℞♋	
evening set	-1409 Jul 24 j 00:48	28°♋44'30	
min. Earth dist.	-1409 Jul 27 j 14:51	25°♋43'12	0.62998 AU
inferior conj	-1409 Jul 30 j 09:58	22°♋58'31	-3°-54'-51
minimum elong	-1409 Jul 30 j 14:15	22°♋47'56	3°53'55
morning rise	-1409 Aug 06 j 05:57	17°♋46'28	
direct	-1409 Aug 08 j 18:14	17°♋16'54	
asc. node	-1409 Aug 13 j 12:03	19°♋03'34	
morning max el	-1409 Aug 15 j 09:25	20°♋41'37	17°54'15
	-1409 Aug 22 j 09:04	0°♌	
morning set	-1409 Aug 31 j 19:26	16°♌11'54	
	-1409 Sep 08 j 17:08	0°♍	
superior conj	-1409 Sep 12 j 12:47	6°♍28'27	1°05'53
minimum elong	-1409 Sep 12 j 18:04	6°♍50'38	1°05'16
max. Earth dist.	-1409 Sep 19 j 04:15	17°♍24'15	1.43504 AU
desc. node	-1409 Sep 23 j 03:15	23°♍44'00	
	-1409 Sep 27 j 03:06	0°♎	
evening rise	-1409 Sep 27 j 22:58	1°♎17'10	
	-1409 Oct 17 j 06:24	0°♏	
greatest brilliancy	-1409 Oct 22 j 07:42	6°♏48'23	-0.5m
evening max el	-1409 Oct 27 j 16:41	13°♏05'37	21°06'26
retrograde	-1409 Nov 05 j 05:05	18°♏08'53	
evening set	-1409 Nov 09 j 04:47	16°♏38'53	
asc. node	-1409 Nov 09 j 11:14	16°♏26'15	
inferior conj	-1409 Nov 14 j 14:57	10°♏24'31	1°42'28
minimum elong	-1409 Nov 14 j 12:48	10°♏31'56	1°41'38
min. Earth dist.	-1409 Nov 15 j 00:35	9°♏51'29	0.67295 AU
morning rise	-1409 Nov 19 j 20:27	4°♏08'31	
direct	-1409 Nov 25 j 01:19	1°♏54'40	
morning max el	-1409 Dec 05 j 18:03	8°♏17'16	23°47'05
desc. node	-1409 Dec 20 j 02:35	26°♏12'03	
	-1409 Dec 22 j 18:25	0°♐	
morning set	-1408 Jan 10 j 03:25	28°♐55'24	
	-1408 Jan 10 j 18:32	0°♑	
max. Earth dist.	-1408 Jan 14 j 03:47	5°♑53'42	1.38703 AU
superior conj	-1408 Jan 21 j 12:03	19°♑19'24	-1°-52'-18
minimum elong	-1408 Jan 21 j 14:52	19°♑32'41	1°52'11
	-1408 Jan 27 j 01:22	0°♒	
evening rise	-1408 Jan 30 j 14:03	6°♒53'36	
asc. node	-1408 Feb 05 j 10:32	18°♒01'08	
	-1408 Feb 13 j 00:39	0°♓	
evening max el	-1408 Feb 15 j 23:36	3°♓18'53	18°47'59
retrograde	-1408 Feb 24 j 03:04	7°♓15'20	
evening set	-1408 Feb 26 j 11:17	6°♓57'02	
inferior conj	-1408 Mar 05 j 06:53	2°♓36'01	2°55'45
minimum elong	-1408 Mar 05 j 11:19	2°♓27'50	2°54'43
min. Earth dist.	-1408 Mar 08 j 13:53	0°♓11'42	0.57571 AU
	-1408 Mar 08 j 20:37	30°℞♒	
morning rise	-1408 Mar 13 j 07:19	27°♒25'13	
desc. node	-1408 Mar 17 j 01:43	26°♒18'01	
direct	-1408 Mar 18 j 20:27	26°♒10'12	
	-1408 Mar 28 j 21:06	0°♓	
morning max el	-1408 Apr 02 j 04:06	3°♓38'55	26°04'08
	-1408 Apr 21 j 02:41	0°♈	
morning set	-1408 Apr 30 j 09:09	18°♈02'58	
asc. node	-1408 May 03 j 09:52	24°♈30'52	
	-1408 May 05 j 22:19	0°♉	
superior conj	-1408 May 07 j 10:13	3°♉16'34	0°41'15
minimum elong	-1408 May 07 j 08:30	3°♉07'12	0°40'54
max. Earth dist.	-1408 May 07 j 23:25	4°♉28'49	1.32587 AU
evening rise	-1408 May 14 j 11:59	18°♉27'58	
	-1408 May 20 j 07:08	0°♊	
	-1408 Jun 08 j 11:44	0°♋	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

desc. node	-1408 Jun 13 j 00:54	5°♋04'36	
evening max el	-1408 Jun 14 j 07:32	6°♋19'56	26°59'46
retrograde	-1408 Jun 28 j 06:20	13°♋38'27	
evening set	-1408 Jul 05 j 04:55	11°♋29'05	
min. Earth dist.	-1408 Jul 08 j 21:19	8°♋47'24	0.61070 AU
inferior conj	-1408 Jul 12 j 02:58	5°♋59'38	-4°-25'-47
minimum elong	-1408 Jul 12 j 05:51	5°♋53'21	4°25'27
morning rise	-1408 Jul 19 j 09:47	1°♋09'09	
direct	-1408 Jul 21 j 20:46	0°♋44'47	
morning max el	-1408 Jul 28 j 22:48	4°♋14'45	18°02'40
asc. node	-1408 Jul 30 j 09:06	5°♋44'58	
morning set	-1408 Aug 13 j 20:28	29°♋20'11	
	-1408 Aug 14 j 05:05	0°♌	
superior conj	-1408 Aug 24 j 00:29	17°♌50'23	1°31'54
minimum elong	-1408 Aug 24 j 04:36	18°♌08'32	1°31'34
	-1408 Aug 31 j 02:18	0°♍	
max. Earth dist.	-1408 Aug 31 j 14:09	0°♍49'31	1.41900 AU
evening rise	-1408 Sep 06 j 13:51	10°♍35'19	
desc. node	-1408 Sep 09 j 00:15	14°♍26'35	
	-1408 Sep 19 j 05:37	0°♎	
greatest brilliancy	-1408 Oct 04 j 16:48	21°♎12'34	-0.3m
evening max el	-1408 Oct 09 j 10:41	26°♎32'50	22°22'18
	-1408 Oct 13 j 08:50	0°♏	
retrograde	-1408 Oct 19 j 00:38	2°♏14'43	
evening set	-1408 Oct 23 j 12:35	0°♏27'01	
	-1408 Oct 24 j 01:12	30°℞♎	
asc. node	-1408 Oct 26 j 08:17	27°♎31'09	
inferior conj	-1408 Oct 28 j 21:40	24°♎06'26	0°52'24
minimum elong	-1408 Oct 28 j 20:28	24°♎10'33	0°51'54
min. Earth dist.	-1408 Oct 28 j 20:39	24°♎09'57	0.67558 AU
morning rise	-1408 Nov 03 j 04:14	17°♎51'39	
direct	-1408 Nov 07 j 17:57	16°♎00'02	
morning max el	-1408 Nov 17 j 05:29	21°♎37'18	22°20'07
greatest brilliancy	-1408 Nov 21 j 21:30	26°♎52'22	-0.3m
	-1408 Nov 24 j 09:15	0°♏	
desc. node	-1408 Dec 05 j 23:37	16°♏10'16	
	-1408 Dec 15 j 02:14	0°♐	
morning set	-1408 Dec 20 j 12:18	8°♐37'36	
max. Earth dist.	-1408 Dec 26 j 00:38	17°♐44'33	1.40796 AU
	-1407 Jan 02 j 02:22	0°♑	
superior conj	-1407 Jan 02 j 19:30	1°♑16'27	-1°-59'-31
minimum elong	-1407 Jan 02 j 19:48	1°♑17'47	1°59'34
evening rise	-1407 Jan 13 j 00:22	20°♑05'40	
	-1407 Jan 18 j 08:51	0°♒	
asc. node	-1407 Jan 22 j 07:34	6°♒47'52	
evening max el	-1407 Jan 29 j 05:56	16°♒02'49	18°18'04
retrograde	-1407 Feb 05 j 09:47	19°♒36'32	
evening set	-1407 Feb 07 j 22:07	19°♒11'12	
inferior conj	-1407 Feb 15 j 01:23	14°♒29'17	3°40'17
minimum elong	-1407 Feb 15 j 03:55	14°♒23'52	3°39'59
min. Earth dist.	-1407 Feb 18 j 10:50	11°♒36'02	0.59561 AU
morning rise	-1407 Feb 22 j 06:17	8°♒54'35	
direct	-1407 Feb 28 j 17:42	7°♒00'58	
desc. node	-1407 Mar 03 j 22:46	7°♒27'47	
morning max el	-1407 Mar 15 j 00:31	14°♒43'30	27°10'37
	-1407 Mar 27 j 08:11	0°♓	
	-1407 Apr 13 j 08:43	0°♈	
morning set	-1407 Apr 14 j 18:31	2°♈54'06	
asc. node	-1407 Apr 20 j 06:54	14°♈42'24	
superior conj	-1407 Apr 21 j 21:59	18°♈16'23	0°17'09
minimum elong	-1407 Apr 21 j 21:13	18°♈12'12	0°16'59
max. Earth dist.	-1407 Apr 21 j 12:27	17°♈24'06	1.32417 AU
	-1407 Apr 27 j 07:17	0°♉	
evening rise	-1407 Apr 28 j 21:10	3°♉20'58	
	-1407 May 13 j 05:56	0°♊	
evening max el	-1407 May 27 j 06:25	17°♊58'04	26°03'11
desc. node	-1407 May 30 j 21:56	21°♊05'07	
retrograde	-1407 Jun 10 j 08:06	25°♊12'38	
evening set	-1407 Jun 16 j 12:02	23°♊39'47	
min. Earth dist.	-1407 Jun 20 j 19:11	21°♊00'13	0.59016 AU
inferior conj	-1407 Jun 24 j 03:20	18°♊29'43	-4°-35'-51
minimum elong	-1407 Jun 24 j 02:58	18°♊30'25	4°35'51
morning rise	-1407 Jul 01 j 21:36	14°♊01'41	
direct	-1407 Jul 04 j 09:02	13°♊40'55	
morning max el	-1407 Jul 12 j 07:05	17°♊27'16	18°30'52
asc. node	-1407 Jul 17 j 06:08	23°♊26'33	
	-1407 Jul 21 j 08:41	0°♋	
morning set	-1407 Jul 28 j 10:25	13°♋06'57	
superior conj	-1407 Aug 06 j 11:10	0°♌21'06	1°45'06
minimum elong	-1407 Aug 06 j 12:58	0°♌29'25	1°45'03
	-1407 Aug 06 j 06:38	0°♌	
max. Earth dist.	-1407 Aug 13 j 18:35	13°♌31'03	1.39982 AU
evening rise	-1407 Aug 18 j 03:17	20°♌57'47	
	-1407 Aug 23 j 16:15	0°♍	
desc. node	-1407 Aug 26 j 21:16	5°♍02'14	
	-1407 Sep 13 j 08:45	0°♎	
evening max el	-1407 Sep 22 j 00:18	10°♎02'38	23°42'35
retrograde	-1407 Oct 02 j 17:01	16°♎21'11	
evening set	-1407 Oct 07 j 18:57	14°♎14'53	
min. Earth dist.	-1407 Oct 12 j 17:09	8°♎30'27	0.67512 AU
inferior conj	-1407 Oct 13 j 04:24	7°♎52'02	0°00'-46
minimum elong	-1407 Oct 13 j 04:25	7°♎51'59	0°00'47
transit middle	-1407 Oct 13 j 04:25	7°♎51'59	0°00'47
transit begin	-1407 Oct 13 j 01:43	8°♎01'14	
transit end	-1407 Oct 13 j 07:08	7°♎42'44	
asc. node	-1407 Oct 13 j 05:19	7°♎48'53	
morning rise	-1407 Oct 18 j 14:01	1°♎41'18	
direct	-1407 Oct 22 j 13:54	0°♎11'18	
morning max el	-1407 Oct 30 j 22:47	5°♎05'08	20°59'35
greatest brilliancy	-1407 Nov 05 j 14:06	11°♎40'14	-0.5m
	-1407 Nov 18 j 13:38	0°♏	
desc. node	-1407 Nov 22 j 20:38	6°♏27'11	
morning set	-1407 Nov 29 j 18:35	17°♏06'16	
	-1407 Dec 07 j 20:50	0°♐	
max. Earth dist.	-1407 Dec 08 j 04:17	0°♐30'18	1.42684 AU
superior conj	-1407 Dec 15 j 03:39	12°♐05'23	-1°-53'-34
minimum elong	-1407 Dec 14 j 23:43	11°♐48'44	1°53'25
	-1407 Dec 25 j 09:59	0°♑	
evening rise	-1407 Dec 26 j 20:32	2°♑34'24	
asc. node	-1406 Jan 09 j 04:36	24°♑55'44	
evening max el	-1406 Jan 12 j 16:49	29°♑06'36	18°07'52
	-1406 Jan 13 j 15:43	0°♒	
retrograde	-1406 Jan 19 j 08:00	2°♒32'25	
evening set	-1406 Jan 22 j 00:12	1°♒58'50	
	-1406 Jan 25 j 05:13	30°℞♑	
inferior conj	-1406 Jan 28 j 14:15	26°♑55'09	3°54'54
minimum elong	-1406 Jan 28 j 14:21	26°♑54'56	3°54'52
min. Earth dist.	-1406 Jan 31 j 14:44	23°♑57'53	0.61625 AU
morning rise	-1406 Feb 04 j 02:04	21°♑04'45	
direct	-1406 Feb 11 j 01:04	18°♑38'08	
desc. node	-1406 Feb 18 j 19:49	21°♑16'15	
morning max el	-1406 Feb 25 j 02:56	26°♑26'29	27°43'10
	-1406 Feb 28 j 11:27	0°♒	
	-1406 Mar 20 j 20:30	0°♓	
morning set	-1406 Mar 29 j 23:40	17°♓29'27	
	-1406 Apr 04 j 21:48	0°♈	
max. Earth dist.	-1406 Apr 04 j 23:36	0°♈09'45	1.32607 AU
superior conj	-1406 Apr 06 j 08:38	3°♈09'07	0°-8'-29

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

minimum elong	-1406 Apr 06 j 09:01	3°♈11'16	0°08'24
behind sun begin	-1406 Apr 06 j 04:40	2°♈47'34	
behind sun end	-1406 Apr 06 j 13:22	3°♈34'58	
asc. node	-1406 Apr 07 j 03:55	4°♈54'15	
evening rise	-1406 Apr 13 j 08:29	18°♈16'54	
	-1406 Apr 19 j 03:38	0°♉	
evening max el	-1406 May 08 j 23:24	28°♉56'16	24°41'28
	-1406 May 10 j 02:56	0°♊	
desc. node	-1406 May 17 j 18:57	4°♊59'16	
retrograde	-1406 May 22 j 22:41	6°♊00'15	
evening set	-1406 May 27 j 20:33	5°♊05'42	
min. Earth dist.	-1406 Jun 02 j 11:10	2°♊11'47	0.57109 AU
inferior conj	-1406 Jun 05 j 08:06	0°♊19'26	-4°-13'-37
minimum elong	-1406 Jun 05 j 03:27	0°♊27'05	4°12'58
	-1406 Jun 05 j 19:59	30°℞♉	
morning rise	-1406 Jun 13 j 14:15	26°♉11'40	
direct	-1406 Jun 16 j 03:25	25°♉53'22	
	-1406 Jun 25 j 03:18	0°♊	
morning max el	-1406 Jun 25 j 07:18	0°♊09'13	19°19'48
asc. node	-1406 Jul 04 j 03:10	11°♊54'25	
morning set	-1406 Jul 12 j 09:30	27°♊22'16	
	-1406 Jul 13 j 17:07	0°♋	
superior conj	-1406 Jul 20 j 15:05	13°♋44'22	1°47'49
minimum elong	-1406 Jul 20 j 14:46	13°♋42'48	1°47'51
max. Earth dist.	-1406 Jul 26 j 21:15	25°♋35'58	1.37998 AU
	-1406 Jul 29 j 07:31	0°♌	
evening rise	-1406 Jul 30 j 17:58	2°♌32'56	
desc. node	-1406 Aug 13 j 18:16	25°♌26'24	
	-1406 Aug 16 j 19:51	0°♍	
evening max el	-1406 Sep 04 j 11:53	23°♍36'38	25°00'35
	-1406 Sep 13 j 15:47	0°♎	
retrograde	-1406 Sep 16 j 05:18	0°♎24'53	
	-1406 Sep 18 j 15:25	30°℞♍	
evening set	-1406 Sep 21 j 22:12	28°♍00'48	
min. Earth dist.	-1406 Sep 26 j 11:37	22°♍51'33	0.67149 AU
inferior conj	-1406 Sep 27 j 09:28	21°♍39'34	0°-55'-34
minimum elong	-1406 Sep 27 j 10:50	21°♍35'05	0°55'00
asc. node	-1406 Sep 30 j 02:21	18°♍16'28	
morning rise	-1406 Oct 02 j 23:55	15°♍36'01	
direct	-1406 Oct 06 j 11:53	14°♍25'17	
morning max el	-1406 Oct 13 j 23:41	18°♍43'21	19°50'51
greatest brilliancy	-1406 Oct 21 j 17:41	28°♍22'14	-0.6m
	-1406 Oct 22 j 21:22	0°♎	
morning set	-1406 Nov 08 j 15:46	25°♎17'28	
desc. node	-1406 Nov 09 j 17:39	26°♎57'40	
	-1406 Nov 11 j 16:36	0°♏	
max. Earth dist.	-1406 Nov 20 j 16:00	14°♏06'59	1.44099 AU
superior conj	-1406 Nov 25 j 08:50	21°♏39'47	-1°-30'-32
minimum elong	-1406 Nov 25 j 01:14	21°♏09'03	1°29'52
	-1406 Nov 30 j 11:10	0°♐	
evening rise	-1406 Dec 08 j 22:18	14°♐12'50	
	-1406 Dec 18 j 07:06	0°♑	
evening max el	-1406 Dec 27 j 05:22	12°♑23'25	18°16'43
asc. node	-1406 Dec 27 j 01:38	12°♑13'52	
retrograde	-1405 Jan 02 j 17:31	15°♑54'09	
evening set	-1405 Jan 05 j 13:50	15°♑11'20	
inferior conj	-1405 Jan 11 j 17:45	9°♑47'06	3°47'34
minimum elong	-1405 Jan 11 j 16:01	9°♑51'53	3°47'21
min. Earth dist.	-1405 Jan 14 j 03:57	7°♑06'48	0.63501 AU
morning rise	-1405 Jan 17 j 16:36	3°♑46'04	
direct	-1405 Jan 24 j 16:25	0°♑59'57	
desc. node	-1405 Feb 05 j 16:52	7°♑09'43	
morning max el	-1405 Feb 07 j 10:17	8°♑48'20	27°38'57
	-1405 Feb 23 j 22:00	0°♒	
	-1405 Mar 13 j 01:49	0°♓	
morning set	-1405 Mar 13 j 22:14	1°♓41'15	
max. Earth dist.	-1405 Mar 19 j 05:06	12°♓33'05	1.33187 AU
superior conj	-1405 Mar 21 j 16:27	17°♓48'55	0°-34'-43
minimum elong	-1405 Mar 21 j 18:05	17°♓57'38	0°34'23
asc. node	-1405 Mar 25 j 00:58	25°♓02'22	
	-1405 Mar 27 j 08:26	0°♈	
evening rise	-1405 Mar 28 j 20:10	3°♈09'20	
	-1405 Apr 12 j 16:00	0°♉	
evening max el	-1405 Apr 20 j 14:37	9°♉33'48	23°07'20
retrograde	-1405 May 04 j 00:32	16°♉13'12	
desc. node	-1405 May 04 j 16:00	16°♉12'16	
evening set	-1405 May 07 j 13:01	15°♉46'05	
min. Earth dist.	-1405 May 15 j 00:25	12°♉25'15	0.55687 AU
inferior conj	-1405 May 16 j 17:17	11°♉25'41	-3°-8'-55
minimum elong	-1405 May 16 j 10:29	11°♉35'39	3°07'06
morning rise	-1405 May 25 j 11:02	7°♉30'26	
direct	-1405 May 28 j 03:13	7°♉13'15	
morning max el	-1405 Jun 07 j 21:13	12°♉12'23	20°29'23
	-1405 Jun 20 j 11:43	0°♊	
asc. node	-1405 Jun 21 j 00:14	0°♊57'37	
morning set	-1405 Jun 26 j 14:52	11°♊58'25	
superior conj	-1405 Jul 04 j 07:23	27°♊46'21	1°42'23
minimum elong	-1405 Jul 04 j 05:38	27°♊37'30	1°42'19
	-1405 Jul 05 j 09:49	0°♋	
max. Earth dist.	-1405 Jul 09 j 03:52	7°♋25'20	1.36183 AU
evening rise	-1405 Jul 13 j 06:19	15°♋11'58	
	-1405 Jul 21 j 16:30	0°♌	
desc. node	-1405 Jul 31 j 15:17	15°♌32'54	
	-1405 Aug 11 j 10:00	0°♍	
evening max el	-1405 Aug 17 j 23:13	7°♍11'36	26°08'30
retrograde	-1405 Aug 30 j 12:50	14°♍20'00	
evening set	-1405 Sep 05 j 20:22	11°♍41'32	
min. Earth dist.	-1405 Sep 10 j 01:35	7°♍09'46	0.66455 AU
inferior conj	-1405 Sep 11 j 11:01	5°♍25'40	-1°-50'-21
minimum elong	-1405 Sep 11 j 13:44	5°♍17'13	1°49'18
asc. node	-1405 Sep 16 j 23:25	29°♌45'41	
	-1405 Sep 16 j 15:02	30°℞♌	
morning rise	-1405 Sep 17 j 07:58	29°♌32'26	
direct	-1405 Sep 20 j 10:08	28°♌37'41	
	-1405 Sep 24 j 09:04	0°♍	
morning max el	-1405 Sep 27 j 07:35	2°♍29'38	18°56'40
	-1405 Oct 16 j 10:17	0°♎	
morning set	-1405 Oct 19 j 03:50	4°♎18'28	
desc. node	-1405 Oct 27 j 14:40	17°♎36'45	
max. Earth dist.	-1405 Nov 03 j 08:58	28°♎14'48	1.44858 AU
	-1405 Nov 04 j 11:40	0°♏	
superior conj	-1405 Nov 04 j 15:01	0°♏13'13	0°-50'-24
minimum elong	-1405 Nov 04 j 08:45	29°♎48'29	0°49'39
evening rise	-1405 Nov 20 j 01:29	24°♏52'56	
	-1405 Nov 23 j 05:09	0°♐	
evening max el	-1405 Dec 10 j 16:56	25°♐46'56	18°43'51
asc. node	-1405 Dec 13 j 22:41	28°♐28'01	
retrograde	-1405 Dec 17 j 10:11	29°♐33'16	
evening set	-1405 Dec 20 j 11:42	28°♐39'57	
inferior conj	-1405 Dec 26 j 08:06	22°♐57'39	3°24'46
minimum elong	-1405 Dec 26 j 05:24	23°♐05'50	3°24'12
min. Earth dist.	-1405 Dec 28 j 03:04	20°♐47'37	0.65042 AU
morning rise	-1405 Dec 31 j 21:59	16°♐49'11	
direct	-1404 Jan 07 j 14:37	13°♐58'24	
morning max el	-1404 Jan 20 j 19:58	21°♐39'14	27°01'15
desc. node	-1404 Jan 23 j 13:55	24°♐33'24	
	-1404 Jan 28 j 03:49	0°♑	
	-1404 Feb 17 j 01:57	0°♒	
morning set	-1404 Feb 25 j 11:08	15°♒19'39	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

max. Earth dist.	-1404 Mar 01 j 01:05	24°♒23'30	1.34192 AU
	-1404 Mar 03 j 18:37	0°♓	
superior conj	-1404 Mar 04 j 19:27	2°♓09'25	-1°00'-27
minimum elong	-1404 Mar 04 j 22:12	2°♓23'49	0°59'58
asc. node	-1404 Mar 10 j 22:02	15°♓02'36	
evening rise	-1404 Mar 12 j 06:24	17°♓51'56	
	-1404 Mar 18 j 08:38	0°♈	
evening max el	-1404 Apr 01 j 10:48	20°♈20'02	21°35'15
retrograde	-1404 Apr 13 j 16:21	26°♈16'29	
evening set	-1404 Apr 16 j 04:51	26°♈02'06	
desc. node	-1404 Apr 20 j 13:02	24°♈37'32	
inferior conj	-1404 Apr 25 j 13:32	22°♈00'24	-1°-24'-42
minimum elong	-1404 Apr 25 j 09:36	22°♈05'55	1°23'21
min. Earth dist.	-1404 Apr 25 j 13:37	22°♈00'17	0.55054 AU
morning rise	-1404 May 04 j 14:59	18°♈01'25	
direct	-1404 May 07 j 14:51	17°♈41'45	
morning max el	-1404 May 20 j 00:21	23°♈33'44	21°57'07
	-1404 May 25 j 17:14	0°♉	
asc. node	-1404 Jun 06 j 21:19	20°♉27'20	
morning set	-1404 Jun 10 j 00:21	26°♉49'07	
	-1404 Jun 11 j 12:53	0°♊	
superior conj	-1404 Jun 17 j 08:19	12°♊16'00	1°30'43
minimum elong	-1404 Jun 17 j 05:53	12°♊03'11	1°30'29
max. Earth dist.	-1404 Jun 20 j 18:53	19°♊23'17	1.34687 AU
evening rise	-1404 Jun 25 j 11:20	28°♊41'54	
	-1404 Jun 26 j 03:35	0°♋	
	-1404 Jul 13 j 20:37	0°♌	
desc. node	-1404 Jul 17 j 12:19	5°♌14'04	
evening max el	-1404 Jul 30 j 10:51	20°♌41'21	26°58'33
retrograde	-1404 Aug 12 j 15:20	28°♌00'17	
evening set	-1404 Aug 19 j 11:10	25°♌14'32	
min. Earth dist.	-1404 Aug 23 j 08:52	21°♌20'46	0.65402 AU
inferior conj	-1404 Aug 25 j 07:02	19°♌07'29	-2°-43'-5
minimum elong	-1404 Aug 25 j 10:52	18°♌56'23	2°41'46
morning rise	-1404 Aug 31 j 11:57	13°♌27'43	
asc. node	-1404 Sep 02 j 20:29	12°♌46'21	
direct	-1404 Sep 03 j 06:43	12°♌45'21	
morning max el	-1404 Sep 09 j 20:31	16°♌20'20	18°18'39
	-1404 Sep 19 j 18:57	0°♍	
morning set	-1404 Sep 28 j 19:20	14°♍41'09	
	-1404 Oct 08 j 05:48	0°♎	
desc. node	-1404 Oct 13 j 11:41	8°♎21'09	
superior conj	-1404 Oct 13 j 15:55	8°♎37'53	0°-1'-8
minimum elong	-1404 Oct 13 j 15:45	8°♎37'15	0°01'08
behind sun begin	-1404 Oct 13 j 04:40	7°♎53'20	
behind sun end	-1404 Oct 14 j 02:51	9°♎21'08	
max. Earth dist.	-1404 Oct 16 j 03:24	12°♎32'41	1.44886 AU
	-1404 Oct 27 j 06:41	0°♏	
evening rise	-1404 Oct 30 j 04:41	4°♏33'35	
greatest brilliancy	-1404 Nov 14 j 04:39	27°♏40'28	-0.7m
	-1404 Nov 15 j 19:02	0°♐	
evening max el	-1404 Nov 23 j 01:13	9°♐13'35	19°27'57
asc. node	-1404 Nov 29 j 19:45	13°♐23'16	
retrograde	-1404 Nov 30 j 06:37	13°♐24'26	
evening set	-1404 Dec 03 j 15:03	12°♐18'45	
inferior conj	-1404 Dec 09 j 06:06	6°♐21'29	2°50'58
minimum elong	-1404 Dec 09 j 03:10	6°♐30'57	2°50'07
min. Earth dist.	-1404 Dec 10 j 10:57	4°♐48'00	0.66205 AU
morning rise	-1404 Dec 14 j 14:31	0°♐08'10	
	-1404 Dec 14 j 18:14	30°℞♏	
direct	-1404 Dec 20 j 19:01	27°♏25'17	
	-1404 Dec 27 j 15:53	0°♐	
morning max el	-1403 Jan 02 j 05:25	4°♐46'20	25°57'23
desc. node	-1403 Jan 09 j 10:58	13°♐01'05	
	-1403 Jan 21 j 15:06	0°♑	
morning set	-1403 Feb 07 j 10:08	28°♑12'02	
	-1403 Feb 08 j 09:24	0°♒	
max. Earth dist.	-1403 Feb 11 j 09:09	5°♒40'18	1.35649 AU
superior conj	-1403 Feb 16 j 15:09	16°♒03'15	-1°-24'-11
minimum elong	-1403 Feb 16 j 18:39	16°♒20'58	1°23'43
	-1403 Feb 23 j 10:13	0°♓	
evening rise	-1403 Feb 24 j 13:13	2°♓18'21	
asc. node	-1403 Feb 25 j 19:05	4°♓50'08	
	-1403 Mar 13 j 03:07	0°♈	
evening max el	-1403 Mar 14 j 17:04	1°♈37'23	20°15'48
retrograde	-1403 Mar 25 j 06:44	6°♈40'42	
evening set	-1403 Mar 27 j 10:58	6°♈28'45	
inferior conj	-1403 Apr 05 j 10:07	2°♈30'26	0°33'47
minimum elong	-1403 Apr 05 j 11:37	2°♈28'11	0°33'15
min. Earth dist.	-1403 Apr 07 j 03:45	1°♈28'45	0.55379 AU
desc. node	-1403 Apr 07 j 10:07	1°♈19'29	
	-1403 Apr 09 j 19:33	30°℞♓	
morning rise	-1403 Apr 14 j 09:49	28°♓08'48	
direct	-1403 Apr 18 j 04:05	27°♓37'54	
	-1403 Apr 26 j 03:43	0°♈	
morning max el	-1403 May 01 j 18:44	4°♈19'40	23°36'01
	-1403 May 19 j 14:48	0°♉	
asc. node	-1403 May 24 j 18:23	10°♉15'34	
morning set	-1403 May 25 j 11:56	11°♉47'13	
superior conj	-1403 Jun 01 j 14:56	27°♉02'56	1°14'16
minimum elong	-1403 Jun 01 j 12:24	26°♉49'21	1°13'54
	-1403 Jun 03 j 00:02	0°♊	
max. Earth dist.	-1403 Jun 03 j 19:21	1°♊42'38	1.33575 AU
evening rise	-1403 Jun 09 j 04:22	12°♊48'14	
	-1403 Jun 18 j 08:47	0°♋	
desc. node	-1403 Jul 04 j 09:21	24°♋18'11	
	-1403 Jul 09 j 03:19	0°♌	
evening max el	-1403 Jul 12 j 21:53	3°♌54'50	27°23'39
retrograde	-1403 Jul 26 j 12:14	11°♌16'17	
evening set	-1403 Aug 02 j 15:34	8°♌34'09	
min. Earth dist.	-1403 Aug 06 j 07:24	5°♌15'36	0.63974 AU
inferior conj	-1403 Aug 08 j 18:59	2°♌39'21	-3°-31'-1
minimum elong	-1403 Aug 08 j 23:24	2°♌27'45	3°29'50
	-1403 Aug 11 j 10:45	30°℞♋	
morning rise	-1403 Aug 15 j 09:10	27°♋16'10	
direct	-1403 Aug 17 j 23:01	26°♋42'49	
asc. node	-1403 Aug 20 j 17:34	27°♋21'42	
	-1403 Aug 24 j 08:05	0°♌	
morning max el	-1403 Aug 24 j 11:49	0°♌09'13	17°57'55
morning set	-1403 Sep 10 j 13:38	26°♌21'08	
	-1403 Sep 12 j 16:40	0°♍	
superior conj	-1403 Sep 23 j 09:07	17°♍53'37	0°44'39
minimum elong	-1403 Sep 23 j 13:40	18°♍12'12	0°44'04
max. Earth dist.	-1403 Sep 28 j 20:25	26°♍43'19	1.44195 AU
desc. node	-1403 Sep 30 j 08:43	29°♍07'38	
	-1403 Sep 30 j 21:57	0°♎	
evening rise	-1403 Oct 09 j 13:57	13°♎31'37	
	-1403 Oct 20 j 09:55	0°♏	
greatest brilliancy	-1403 Oct 30 j 22:24	15°♏07'43	-0.5m
evening max el	-1403 Nov 06 j 04:32	22°♏41'26	20°26'59
retrograde	-1403 Nov 14 j 04:08	27°♏23'50	
asc. node	-1403 Nov 16 j 16:47	26°♏47'13	
evening set	-1403 Nov 17 j 21:37	26°♏03'31	
inferior conj	-1403 Nov 23 j 09:07	19°♏54'37	2°09'14
minimum elong	-1403 Nov 23 j 06:34	20°♏03'17	2°08'20
min. Earth dist.	-1403 Nov 24 j 01:26	18°♏59'27	0.66998 AU
morning rise	-1403 Nov 28 j 14:58	13°♏38'52	
direct	-1403 Dec 04 j 04:49	11°♏12'43	

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning max el	-1403 Dec 15 j 13:51	17°♏59'44	24°36'53
	-1403 Dec 25 j 16:08	0°♐	
desc. node	-1403 Dec 27 j 08:01	2°♐13'59	
	-1402 Jan 14 j 16:28	0°♑	
morning set	-1402 Jan 20 j 13:39	10°♑02'25	
max. Earth dist.	-1402 Jan 24 j 07:11	16°♑43'07	1.37512 AU
superior conj	-1402 Jan 31 j 00:18	29°♑21'35	-1°-43'-52
minimum elong	-1402 Jan 31 j 03:45	29°♑38'16	1°43'36
	-1402 Jan 31 j 08:13	0°♒	
evening rise	-1402 Feb 08 j 14:21	16°♒22'01	
asc. node	-1402 Feb 12 j 16:08	24°♒19'41	
	-1402 Feb 15 j 18:09	0°♓	
evening max el	-1402 Feb 25 j 10:22	13°♓32'54	19°14'22
retrograde	-1402 Mar 06 j 08:18	17°♓49'05	
evening set	-1402 Mar 08 j 14:21	17°♓33'56	
inferior conj	-1402 Mar 16 j 20:23	13°♓23'55	2°13'47
minimum elong	-1402 Mar 17 j 00:52	13°♓16'22	2°12'30
min. Earth dist.	-1402 Mar 19 j 18:58	11°♓25'52	0.56588 AU
morning rise	-1402 Mar 25 j 07:25	8°♓30'49	
desc. node	-1402 Mar 25 j 07:09	8°♓31'03	
direct	-1402 Mar 30 j 05:01	7°♓35'16	
morning max el	-1402 Apr 13 j 09:26	14°♓51'13	25°14'00
	-1402 Apr 25 j 10:20	0°♈	
morning set	-1402 May 09 j 23:58	26°♈47'11	
asc. node	-1402 May 11 j 15:27	0°♉16'42	
	-1402 May 11 j 12:20	0°♉	
superior conj	-1402 May 17 j 00:57	11°♉59'39	0°54'09
minimum elong	-1402 May 16 j 22:50	11°♉48'05	0°53'45
max. Earth dist.	-1402 May 18 j 03:32	14°♉24'15	1.32847 AU
evening rise	-1402 May 24 j 05:48	27°♉19'48	
	-1402 May 25 j 13:17	0°♊	
	-1402 Jun 11 j 17:11	0°♋	
desc. node	-1402 Jun 21 j 06:23	12°♋29'31	
evening max el	-1402 Jun 25 j 06:08	16°♋39'16	27°18'05
retrograde	-1402 Jul 09 j 02:30	23°♋58'36	
evening set	-1402 Jul 16 j 05:46	21°♋33'38	
min. Earth dist.	-1402 Jul 19 j 19:53	18°♋42'10	0.62205 AU
inferior conj	-1402 Jul 22 j 19:53	15°♋54'14	-4°-9'-56
minimum elong	-1402 Jul 22 j 23:47	15°♋45'05	4°09'16
morning rise	-1402 Jul 29 j 20:22	10°♋50'46	
direct	-1402 Aug 01 j 07:47	10°♋23'38	
asc. node	-1402 Aug 07 j 14:38	13°♋21'14	
morning max el	-1402 Aug 08 j 02:38	13°♋49'41	17°55'25
	-1402 Aug 19 j 03:49	0°♌	
morning set	-1402 Aug 24 j 05:07	9°♌01'56	
superior conj	-1402 Sep 04 j 05:15	28°♌29'09	1°18'36
minimum elong	-1402 Sep 04 j 10:19	28°♌50'52	1°18'04
	-1402 Sep 05 j 02:31	0°♍	
max. Earth dist.	-1402 Sep 11 j 09:45	10°♍30'41	1.42880 AU
desc. node	-1402 Sep 17 j 05:43	19°♍52'44	
evening rise	-1402 Sep 18 j 21:26	22°♍28'48	
	-1402 Sep 23 j 18:10	0°♎	
	-1402 Oct 14 j 17:58	0°♏	
greatest brilliancy	-1402 Oct 15 j 03:42	0°♏30'32	-0.4m
evening max el	-1402 Oct 20 j 01:57	6°♏09'14	21°37'51
retrograde	-1402 Oct 29 j 00:45	11°♏28'16	
evening set	-1402 Nov 02 j 05:27	9°♏51'01	
asc. node	-1402 Nov 03 j 13:49	8°♏38'04	
inferior conj	-1402 Nov 07 j 15:00	3°♏33'49	1°21'43
minimum elong	-1402 Nov 07 j 13:13	3°♏39'59	1°20'59
min. Earth dist.	-1402 Nov 07 j 20:04	3°♏16'23	0.67452 AU
	-1402 Nov 10 j 07:19	30°℞♎	
morning rise	-1402 Nov 12 j 20:43	27°♎18'08	
direct	-1402 Nov 17 j 19:10	25°♎13'26	
	-1402 Nov 26 j 15:44	0°♏	
morning max el	-1402 Nov 27 j 23:08	1°♏16'26	23°09'41
greatest brilliancy	-1402 Dec 02 j 23:16	6°♏53'29	-0.3m
desc. node	-1402 Dec 14 j 05:02	21°♏58'26	
	-1402 Dec 19 j 15:53	0°♐	
morning set	-1401 Jan 01 j 15:15	20°♐33'17	
max. Earth dist.	-1401 Jan 06 j 02:26	28°♐08'35	1.39607 AU
	-1401 Jan 07 j 04:04	0°♑	
superior conj	-1401 Jan 13 j 18:35	11°♑52'01	-1°-56'-43
minimum elong	-1401 Jan 13 j 20:34	12°♑01'10	1°56'41
evening rise	-1401 Jan 23 j 06:58	29°♑54'59	
	-1401 Jan 23 j 08:01	0°♒	
asc. node	-1401 Jan 30 j 13:09	13°♒24'05	
evening max el	-1401 Feb 08 j 12:42	26°♒01'05	18°32'47
retrograde	-1401 Feb 16 j 04:26	29°♒45'37	
evening set	-1401 Feb 18 j 14:38	29°♒24'21	
inferior conj	-1401 Feb 26 j 02:54	24°♒54'29	3°18'48
minimum elong	-1401 Feb 26 j 06:43	24°♒46'59	3°18'06
min. Earth dist.	-1401 Mar 01 j 12:41	22°♒15'12	0.58397 AU
morning rise	-1401 Mar 05 j 19:01	19°♒32'49	
direct	-1401 Mar 11 j 18:55	18°♒01'32	
desc. node	-1401 Mar 12 j 04:12	18°♒01'55	
morning max el	-1401 Mar 26 j 02:30	25°♒36'22	26°36'07
	-1401 Mar 30 j 04:55	0°♓	
	-1401 Apr 18 j 14:26	0°♈	
morning set	-1401 Apr 24 j 10:47	11°♈43'03	
asc. node	-1401 Apr 28 j 12:30	20°♈25'33	
superior conj	-1401 May 01 j 12:32	26°♈59'38	0°31'14
minimum elong	-1401 May 01 j 11:12	26°♈52'17	0°30'58
max. Earth dist.	-1401 May 01 j 15:58	27°♈18'29	1.32476 AU
	-1401 May 02 j 21:27	0°♉	
evening rise	-1401 May 08 j 12:48	12°♉07'04	
	-1401 May 17 j 17:39	0°♊	
evening max el	-1401 Jun 07 j 08:57	28°♊43'04	26°39'26
desc. node	-1401 Jun 08 j 03:24	29°♊26'10	
	-1401 Jun 08 j 18:29	0°♋	
retrograde	-1401 Jun 21 j 08:59	5°♋59'24	
evening set	-1401 Jun 28 j 01:22	4°♋04'43	
min. Earth dist.	-1401 Jul 01 j 22:18	1°♋26'15	0.60198 AU
	-1401 Jul 03 j 17:09	30°℞♊	
inferior conj	-1401 Jul 05 j 06:15	28°♊43'29	-4°-33'-15
minimum elong	-1401 Jul 05 j 07:59	28°♊39'56	4°33'09
morning rise	-1401 Jul 12 j 17:49	24°♊02'22	
direct	-1401 Jul 15 j 04:59	23°♊39'32	
morning max el	-1401 Jul 22 j 14:08	27°♊14'49	18°12'13
asc. node	-1401 Jul 25 j 11:41	0°♋29'59	
	-1401 Jul 25 j 02:08	0°♋	
morning set	-1401 Aug 07 j 12:12	22°♋28'28	
	-1401 Aug 11 j 12:12	0°♌	
superior conj	-1401 Aug 17 j 03:26	10°♌22'32	1°38'57
minimum elong	-1401 Aug 17 j 06:36	10°♌36'48	1°38'45
max. Earth dist.	-1401 Aug 24 j 17:44	23°♌40'25	1.41109 AU
	-1401 Aug 28 j 12:40	0°♍	
evening rise	-1401 Aug 29 j 20:57	2°♍11'58	
desc. node	-1401 Sep 04 j 02:44	10°♍33'20	
	-1401 Sep 17 j 03:56	0°♎	
greatest brilliancy	-1401 Sep 27 j 14:24	13°♎52'01	-0.3m
evening max el	-1401 Oct 02 j 17:56	19°♎38'08	22°56'14
retrograde	-1401 Oct 12 j 19:01	25°♎35'38	
evening set	-1401 Oct 17 j 12:52	23°♎39'51	
asc. node	-1401 Oct 21 j 10:50	19°♎17'39	
inferior conj	-1401 Oct 22 j 21:56	17°♎17'57	0°30'11
minimum elong	-1401 Oct 22 j 21:14	17°♎20'23	0°29'51
min. Earth dist.	-1401 Oct 22 j 16:30	17°♎36'41	0.67582 AU

Attention, astronomical year style is used: The year -1900 in astronomical counting style is the year 1901 BCE in historical counting style.

morning rise	-1401 Oct 28 j 05:36	11°♎04'48	
direct	-1401 Nov 01 j 13:16	9°♎22'40	
morning max el	-1401 Nov 10 j 12:48	14°♎40'13	21°44'45
greatest brilliancy	-1401 Nov 15 j 10:41	20°♎15'37	-0.4m
	-1401 Nov 22 j 18:05	0°♏	
desc. node	-1401 Dec 01 j 02:03	12°♏05'54	
morning set	-1401 Dec 12 j 11:49	29°♏41'01	
	-1401 Dec 12 j 16:35	0°♐	
max. Earth dist.	-1401 Dec 19 j 02:28	10°♐25'23	1.41652 AU
superior conj	-1401 Dec 26 j 16:48	23°♐21'57	-1°-58'-52
minimum elong	-1401 Dec 26 j 15:27	23°♐16'04	1°58'53
	-1401 Dec 30 j 10:43	0°♑	
evening rise	-1400 Jan 06 j 11:47	12°♑50'08	
	-1400 Jan 16 j 04:36	0°♒	
asc. node	-1400 Jan 17 j 10:09	1°♒55'34	
evening max el	-1400 Jan 22 j 21:15	8°♒54'09	18°11'13
retrograde	-1400 Jan 29 j 18:27	12°♒23'03	
evening set	-1400 Feb 01 j 08:27	11°♒54'18	
inferior conj	-1400 Feb 08 j 05:39	7°♒02'40	3°49'40
minimum elong	-1400 Feb 08 j 07:07	6°♒59'20	3°49'32
min. Earth dist.	-1400 Feb 11 j 12:07	4°♒04'58	0.60453 AU
morning rise	-1400 Feb 15 j 02:50	1°♒20'18	
	-1400 Feb 17 j 17:28	30°℞♑	
direct	-1400 Feb 21 j 20:21	29°♑11'45	
	-1400 Feb 26 j 02:55	0°♒	
desc. node	-1400 Feb 27 j 01:14	0°♒22'26	
morning max el	-1400 Mar 07 j 01:38	6°♒57'04	27°29'00
	-1400 Mar 24 j 11:07	0°♓	
morning set	-1400 Apr 07 j 18:36	26°♓28'22	
	-1400 Apr 09 j 11:08	0°♈	
max. Earth dist.	-1400 Apr 14 j 04:50	10°♈12'00	1.32454 AU
asc. node	-1400 Apr 14 j 09:31	10°♈37'37	
superior conj	-1400 Apr 15 j 00:00	11°♈56'50	0°06'23
minimum elong	-1400 Apr 14 j 23:43	11°♈55'14	0°06'21
behind sun begin	-1400 Apr 14 j 19:04	11°♈29'51	
behind sun end	-1400 Apr 15 j 04:21	12°♈20'38	
evening rise	-1400 Apr 21 j 23:07	27°♈01'56	
	-1400 Apr 23 j 09:12	0°♉	
	-1400 May 10 j 15:30	0°♊	
evening max el	-1400 May 19 j 04:53	10°♊01'58	25°30'47
desc. node	-1400 May 25 j 00:26	14°♊37'30	
retrograde	-1400 Jun 02 j 06:10	17°♊13'29	
evening set	-1400 Jun 07 j 22:42	15°♊57'10	
min. Earth dist.	-1400 Jun 12 j 16:54	13°♊13'37	0.58164 AU
inferior conj	-1400 Jun 15 j 22:29	10°♊56'51	-4°-31'-7
minimum elong	-1400 Jun 15 j 20:18	11°♊00'44	4°30'58
morning rise	-1400 Jun 23 j 21:47	6°♊38'23	
direct	-1400 Jun 26 j 09:59	6°♊18'45	
morning max el	-1400 Jul 04 j 19:20	10°♊15'30	18°49'16
asc. node	-1400 Jul 11 j 08:44	18°♊32'42	
	-1400 Jul 17 j 21:54	0°♋	
morning set	-1400 Jul 21 j 06:24	6°♋28'20	
superior conj	-1400 Jul 29 j 22:08	23°♋17'44	1°47'24
minimum elong	-1400 Jul 29 j 22:57	23°♋21'39	1°47'25
	-1400 Aug 02 j 12:11	0°♌	
max. Earth dist.	-1400 Aug 05 j 20:54	6°♌05'04	1.39123 AU
evening rise	-1400 Aug 09 j 21:13	13°♌05'06	
	-1400 Aug 20 j 06:56	0°♍	
desc. node	-1400 Aug 20 j 23:46	1°♍04'50	
	-1400 Sep 11 j 06:42	0°♎	
evening max el	-1400 Sep 14 j 06:13	3°♎09'05	24°16'25
retrograde	-1400 Sep 25 j 09:51	9°♎41'46	
evening set	-1400 Sep 30 j 18:09	7°♎27'22	
min. Earth dist.	-1400 Oct 05 j 12:23	1°♎57'46	0.67396 AU
inferior conj	-1400 Oct 06 j 04:10	1°♎04'34	0°-23'-53
minimum elong	-1400 Oct 06 j 04:45	1°♎02'37	0°23'40
	-1400 Oct 06 j 23:27	30°℞♍	
asc. node	-1400 Oct 07 j 07:53	29°♍32'12	
morning rise	-1400 Oct 11 j 15:39	24°♍56'42	
direct	-1400 Oct 15 j 10:08	23°♍35'28	
morning max el	-1400 Oct 23 j 09:25	28°♍13'09	20°28'46
	-1400 Oct 25 j 01:17	0°♎	
greatest brilliancy	-1400 Oct 29 j 18:27	5°♎50'34	-0.5m
	-1400 Nov 15 j 08:02	0°♏	
desc. node	-1400 Nov 16 j 23:06	2°♏29'22	
morning set	-1400 Nov 20 j 11:22	7°♏54'15	
max. Earth dist.	-1400 Nov 30 j 09:42	23°♏34'44	1.43355 AU
	-1400 Dec 04 j 08:30	0°♐	
superior conj	-1400 Dec 06 j 13:40	3°♐39'21	-1°-46'-1
minimum elong	-1400 Dec 06 j 07:51	3°♐15'16	1°45'40
evening rise	-1400 Dec 19 j 00:44	24°♐59'12	
	-1400 Dec 21 j 21:23	0°♑	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1400 Apr 15 j 00:00	11°♈56'50	0°06'23
minimum elong	-1400 Apr 14 j 23:43	11°♈55'14	0°06'21
behind sun begin	-1400 Apr 14 j 19:04	11°♈29'51	
behind sun end	-1400 Apr 15 j 04:21	12°♈20'38	
evening rise	-1400 Apr 21 j 23:07	27°♈01'56	
	-1400 Apr 23 j 09:12	0°♉	
	-1400 May 10 j 15:30	0°♊	
evening max el	-1400 May 19 j 04:53	10°♊01'58	25°30'47
desc. node	-1400 May 25 j 00:26	14°♊37'30	
retrograde	-1400 Jun 02 j 06:10	17°♊13'29	
evening set	-1400 Jun 07 j 22:42	15°♊57'10	
min. Earth dist.	-1400 Jun 12 j 16:54	13°♊13'37	0.58164 AU
inferior conj	-1400 Jun 15 j 22:29	10°♊56'51	-4°-31'-7
minimum elong	-1400 Jun 15 j 20:18	11°♊00'44	4°30'58
morning rise	-1400 Jun 23 j 21:47	6°♊38'23	
direct	-1400 Jun 26 j 09:59	6°♊18'45	
morning max el	-1400 Jul 04 j 19:20	10°♊15'30	18°49'16
asc. node	-1400 Jul 11 j 08:44	18°♊32'42	
	-1400 Jul 17 j 21:54	0°♋	
morning set	-1400 Jul 21 j 06:24	6°♋28'20	
superior conj	-1400 Jul 29 j 22:08	23°♋17'44	1°47'24
minimum elong	-1400 Jul 29 j 22:57	23°♋21'39	1°47'25
	-1400 Aug 02 j 12:11	0°♌	
max. Earth dist.	-1400 Aug 05 j 20:54	6°♌05'04	1.39123 AU
evening rise	-1400 Aug 09 j 21:13	13°♌05'06	
	-1400 Aug 20 j 06:56	0°♍	
desc. node	-1400 Aug 20 j 23:46	1°♍04'50	
	-1400 Sep 11 j 06:42	0°♎	
evening max el	-1400 Sep 14 j 06:13	3°♎09'05	24°16'25
retrograde	-1400 Sep 25 j 09:51	9°♎41'46	
evening set	-1400 Sep 30 j 18:09	7°♎27'22	
min. Earth dist.	-1400 Oct 05 j 12:23	1°♎57'46	0.67396 AU
inferior conj	-1400 Oct 06 j 04:10	1°♎04'34	0°-23'-53
minimum elong	-1400 Oct 06 j 04:45	1°♎02'37	0°23'40
	-1400 Oct 06 j 23:27	30°℞♍	
asc. node	-1400 Oct 07 j 07:53	29°♍32'12	
morning rise	-1400 Oct 11 j 15:39	24°♍56'42	
direct	-1400 Oct 15 j 10:08	23°♍35'28	
morning max el	-1400 Oct 23 j 09:25	28°♍13'09	20°28'46
	-1400 Oct 25 j 01:17	0°♎	
greatest brilliancy	-1400 Oct 29 j 18:27	5°♎50'34	-0.5m
	-1400 Nov 15 j 08:02	0°♏	
desc. node	-1400 Nov 16 j 23:06	2°♏29'22	
morning set	-1400 Nov 20 j 11:22	7°♏54'15	
max. Earth dist.	-1400 Nov 30 j 09:42	23°♏34'44	1.43355 AU
	-1400 Dec 04 j 08:30	0°♐	
superior conj	-1400 Dec 06 j 13:40	3°♐39'21	-1°-46'-1
minimum elong	-1400 Dec 06 j 07:51	3°♐15'16	1°45'40
evening rise	-1400 Dec 19 j 00:44	24°♐59'12	
	-1400 Dec 21 j 21:23	0°♑	
asc. node	-1399 Jan 03 j 07:10	19°♑44'16	
evening max el	-1399 Jan 05 j 09:09	22°♑04'36	18°09'17
retrograde	-1399 Jan 11 j 22:10	25°♑31'26	
evening set	-1399 Jan 14 j 15:54	24°♑54'13	
inferior conj	-1399 Jan 21 j 01:18	19°♑41'35	3°54'02
minimum elong	-1399 Jan 21 j 00:31	19°♑43'37	3°53'58
min. Earth dist.	-1399 Jan 23 j 20:04	16°♑49'09	0.62454 AU
morning rise	-1399 Jan 27 j 07:03	13°♑45'49	
direct	-1399 Feb 03 j 07:24	11°♑08'58	
desc. node	-1399 Feb 12 j 22:17	15°♑09'08	
morning max el	-1399 Feb 17 j 06:43	18°♑59'00	27°45'47
	-1399 Feb 26 j 15:32	0°♒	
	-1399 Mar 17 j 06:45	0°♓	
morning set	-1399 Mar 22 j 21:21	10°♓55'51	
max. Earth dist.	-1399 Mar 28 j 14:06	22°♓50'28	1.32800 AU
superior conj	-1399 Mar 30 j 09:43	26°♓45'37	0°-19'-36
minimum elong	-1399 Mar 30 j 10:38	26°♓50'34	0°19'24
	-1399 Mar 31 j 21:33	0°♈	
asc. node	-1399 Apr 01 j 06:33	0°♈48'54	
evening rise	-1399 Apr 06 j 10:51	11°♈57'45	
	-1399 Apr 15 j 16:36	0°♉	
evening max el	-1399 Apr 30 j 20:15	20°♉48'16	24°02'02
desc. node	-1399 May 11 j 21:27	27°♉27'20	
retrograde	-1399 May 14 j 15:57	27°♉44'54	
evening set	-1399 May 18 j 23:05	27°♉03'50	
min. Earth dist.	-1399 May 25 j 07:32	23°♉59'40	0.56419 AU
inferior conj	-1399 May 27 j 18:39	22°♉28'14	-3°-51'-43
minimum elong	-1399 May 27 j 12:35	22°♉37'41	3°50'30
morning rise	-1399 Jun 05 j 05:55	18°♉27'24	
direct	-1399 Jun 07 j 19:50	18°♉10'00	
morning max el	-1399 Jun 17 j 15:33	22°♉42'50	19°47'00
	-1399 Jun 23 j 17:32	0°♊	
asc. node	-1399 Jun 28 j 05:50	7°♊17'13	
morning set	-1399 Jul 05 j 08:28	20°♊53'23	
	-1399 Jul 09 j 20:21	0°♋	
superior conj	-1399 Jul 13 j 07:53	6°♋59'23	1°46'23
minimum elong	-1399 Jul 13 j 06:52	6°♋54'21	1°46'23
max. Earth dist.	-1399 Jul 19 j 00:00	17°♋58'03	1.37189 AU
evening rise	-1399 Jul 22 j 21:45	25°♋09'13	
	-1399 Jul 25 j 15:25	0°♌	
desc. node	-1399 Aug 07 j 20:47	21°♌22'12	
	-1399 Aug 13 j 20:51	0°♍	
evening max el	-1399 Aug 27 j 17:22	16°♍43'19	25°31'11
retrograde	-1399 Sep 08 j 20:21	23°♍42'16	
evening set	-1399 Sep 14 j 19:30	21°♍11'27	
min. Earth dist.	-1399 Sep 19 j 05:20	16°♍17'45	0.66890 AU
inferior conj	-1399 Sep 20 j 07:59	14°♍51'45	-1°-18'-56
minimum elong	-1399 Sep 20 j 09:56	14°♍45'29	1°18'09
asc. node	-1399 Sep 24 j 04:58	10°♍20'12	
morning rise	-1399 Sep 26 j 00:59	8°♍52'04	
direct	-1399 Sep 29 j 08:24	7°♍48'42	
morning max el	-1399 Oct 06 j 13:27	11°♍54'57	19°25'51
greatest brilliancy	-1399 Oct 15 j 21:34	23°♍59'14	-0.7m
	-1399 Oct 19 j 22:16	0°♎	
morning set	-1399 Oct 30 j 12:11	16°♎18'58	
desc. node	-1399 Nov 03 j 20:08	23°♎03'52	
	-1399 Nov 08 j 06:30	0°♏	
max. Earth dist.	-1399 Nov 12 j 23:20	7°♏24'24	1.44502 AU
superior conj	-1399 Nov 16 j 07:49	12°♏44'04	-1°-15'-20
minimum elong	-1399 Nov 15 j 23:59	12°♏12'49	1°14'32
	-1399 Nov 26 j 23:17	0°♐	
evening rise	-1399 Nov 30 j 17:19	6°♐13'17	
	-1399 Dec 15 j 11:58	0°♑	
evening max el	-1399 Dec 19 j 21:38	5°♑25'16	18°26'09
asc. node	-1399 Dec 21 j 04:13	6°♑37'21	
retrograde	-1399 Dec 26 j 11:06	9°♑01'25	
evening set	-1399 Dec 29 j 09:24	8°♑14'27	
inferior conj	-1398 Jan 04 j 09:52	2°♑42'32	3°39'28
minimum elong	-1398 Jan 04 j 07:37	2°♑49'00	3°39'07
min. Earth dist.	-1398 Jan 06 j 13:41	0°♑13'35	0.64200 AU
	-1398 Jan 06 j 18:32	30°℞♐	
morning rise	-1398 Jan 10 j 04:26	26°♐37'59	
direct	-1398 Jan 17 j 02:06	23°♐47'44	
	-1398 Jan 28 j 23:45	0°♑	
morning max el	-1398 Jan 30 j 15:17	1°♑34'42	27°26'34

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-1398 Jan 30 j 19:21	1°♉44'51	
	-1398 Feb 20 j 19:00	0°♒	
morning set	-1398 Mar 06 j 16:16	24°♒55'16	
	-1398 Mar 09 j 05:18	0°♓	
max. Earth dist.	-1398 Mar 11 j 15:46	5°♓00'01	1.33557 AU
superior conj	-1398 Mar 14 j 15:47	11°♓18'37	0°-45'-45
minimum elong	-1398 Mar 14 j 17:55	11°♓29'55	0°45'21
asc. node	-1398 Mar 19 j 03:36	20°♓54'25	
evening rise	-1398 Mar 21 j 22:08	26°♓46'58	
	-1398 Mar 23 j 11:17	0°♈	
	-1398 Apr 11 j 02:30	0°♉	
evening max el	-1398 Apr 12 j 12:54	1°♉26'48	22°27'12
retrograde	-1398 Apr 25 j 12:50	7°♉49'38	
evening set	-1398 Apr 28 j 13:03	7°♉29'46	
desc. node	-1398 Apr 28 j 18:30	7°♉26'43	
min. Earth dist.	-1398 May 06 j 20:55	3°♉53'28	0.55308 AU
inferior conj	-1398 May 07 j 21:07	3°♉19'06	-2°-28'-34
minimum elong	-1398 May 07 j 14:54	3°♉27'56	2°26'39
	-1398 May 14 j 15:29	30°℞♈	
morning rise	-1398 May 16 j 18:52	29°♈24'07	
direct	-1398 May 19 j 13:20	29°♈06'32	
	-1398 May 24 j 05:56	0°♉	
morning max el	-1398 May 31 j 00:49	4°♉28'14	21°04'42
asc. node	-1398 Jun 15 j 02:55	26°♉32'39	
	-1398 Jun 16 j 21:24	0°♊	
morning set	-1398 Jun 19 j 15:50	5°♊36'14	
superior conj	-1398 Jun 27 j 04:15	21°♊14'06	1°38'06
minimum elong	-1398 Jun 27 j 02:07	21°♊03'09	1°37'57
max. Earth dist.	-1398 Jul 01 j 09:40	29°♊47'38	1.35505 AU
	-1398 Jul 01 j 12:10	0°♋	
evening rise	-1398 Jul 05 j 17:49	8°♋11'47	
	-1398 Jul 18 j 06:39	0°♌	
desc. node	-1398 Jul 25 j 17:48	11°♌18'53	
	-1398 Aug 09 j 21:45	0°♍	
evening max el	-1398 Aug 10 j 05:03	0°♍17'46	26°32'34
retrograde	-1398 Aug 23 j 01:51	7°♍31'40	
evening set	-1398 Aug 29 j 14:52	4°♍49'22	
min. Earth dist.	-1398 Sep 02 j 16:52	0°♍33'32	0.66046 AU
	-1398 Sep 03 j 04:03	30°℞♌	
inferior conj	-1398 Sep 04 j 07:29	28°♌36'46	-2°-13'-9
minimum elong	-1398 Sep 04 j 10:43	28°♌26'59	2°11'56
morning rise	-1398 Sep 10 j 07:36	22°♌48'34	
asc. node	-1398 Sep 11 j 02:04	22°♌26'19	
direct	-1398 Sep 13 j 06:21	21°♌59'26	
morning max el	-1398 Sep 19 j 23:43	25°♌43'17	18°38'24
	-1398 Sep 23 j 15:00	0°♍	
morning set	-1398 Oct 10 j 11:22	25°♍53'38	
	-1398 Oct 13 j 01:01	0°♎	
desc. node	-1398 Oct 21 j 17:09	13°♎45'41	
superior conj	-1398 Oct 26 j 08:59	21°♎06'10	0°-29'-54
minimum elong	-1398 Oct 26 j 05:03	20°♎50'41	0°29'23
max. Earth dist.	-1398 Oct 26 j 17:18	21°♎38'51	1.44958 AU
	-1398 Nov 01 j 00:40	0°♏	
evening rise	-1398 Nov 11 j 10:07	16°♏27'26	
	-1398 Nov 19 j 22:21	0°♐	
evening max el	-1398 Dec 03 j 08:10	18°♐51'18	19°00'43
asc. node	-1398 Dec 08 j 01:17	22°♐20'20	
retrograde	-1398 Dec 10 j 05:38	22°♐46'39	
evening set	-1398 Dec 13 j 09:56	21°♐48'15	
inferior conj	-1398 Dec 19 j 03:49	15°♐59'25	3°11'33
minimum elong	-1398 Dec 19 j 00:57	16°♐08'23	3°10'51
min. Earth dist.	-1398 Dec 20 j 16:38	14°♐04'30	0.65586 AU
morning rise	-1398 Dec 24 j 15:02	9°♐48'52	
direct	-1398 Dec 31 j 03:07	7°♐00'00	

morning max el	-1397 Jan 13 j 00:53	14°♐33'27	26°36'45
desc. node	-1397 Jan 17 j 16:24	19°♐38'36	
	-1397 Jan 25 j 16:45	0°♉	
	-1397 Feb 13 j 12:17	0°♒	
morning set	-1397 Feb 17 j 23:50	8°♒15'52	
max. Earth dist.	-1397 Feb 22 j 06:42	16°♒35'07	1.34764 AU
superior conj	-1397 Feb 26 j 16:03	25°♒29'11	-1°-10'-50
minimum elong	-1397 Feb 26 j 19:11	25°♒45'24	1°10'21
	-1397 Feb 28 j 20:12	0°♓	
evening rise	-1397 Mar 06 j 07:10	11°♓23'47	
asc. node	-1397 Mar 06 j 00:38	10°♓49'58	
	-1397 Mar 16 j 02:41	0°♈	
evening max el	-1397 Mar 25 j 13:06	12°♈24'48	20°59'24
retrograde	-1397 Apr 06 j 01:59	17°♈58'11	
evening set	-1397 Apr 08 j 09:29	17°♈45'38	
desc. node	-1397 Apr 15 j 15:34	14°♈54'51	
inferior conj	-1397 Apr 17 j 15:37	13°♈47'42	0°-34'-4
minimum elong	-1397 Apr 17 j 14:00	13°♈49'59	0°33'31
min. Earth dist.	-1397 Apr 18 j 10:15	13°♈21'16	0.55087 AU
morning rise	-1397 Apr 26 j 17:45	9°♈41'15	
direct	-1397 Apr 30 j 00:24	9°♈17'59	
morning max el	-1397 May 12 j 23:33	15°♈31'56	22°38'20
	-1397 May 24 j 05:06	0°♉	
asc. node	-1397 Jun 01 j 23:58	16°♉10'53	
morning set	-1397 Jun 04 j 02:25	20°♉30'39	
	-1397 Jun 08 j 13:51	0°♊	
superior conj	-1397 Jun 11 j 07:52	5°♊51'39	1°24'15
minimum elong	-1397 Jun 11 j 05:19	5°♊38'08	1°23'56
max. Earth dist.	-1397 Jun 14 j 05:05	11°♊55'06	1.34174 AU
evening rise	-1397 Jun 19 j 04:26	21°♊58'31	
	-1397 Jun 23 j 09:25	0°♋	
	-1397 Jul 12 j 01:22	0°♌	
desc. node	-1397 Jul 12 j 14:51	0°♌45'39	
evening max el	-1397 Jul 23 j 16:48	13°♌42'27	27°12'44
retrograde	-1397 Aug 06 j 01:44	21°♌02'17	
evening set	-1397 Aug 13 j 01:35	18°♌16'47	
min. Earth dist.	-1397 Aug 16 j 20:36	14°♌38'35	0.64840 AU
inferior conj	-1397 Aug 19 j 00:22	12°♌14'51	-3°-4'-15
minimum elong	-1397 Aug 19 j 04:33	12°♌03'14	3°02'56
morning rise	-1397 Aug 25 j 09:04	6°♌41'37	
direct	-1397 Aug 28 j 01:33	6°♌03'19	
asc. node	-1397 Aug 28 j 23:10	6°♌07'39	
morning max el	-1397 Sep 03 j 13:55	9°♌33'22	18°07'41
	-1397 Sep 17 j 12:32	0°♍	
morning set	-1397 Sep 21 j 14:49	6°♍50'54	
superior conj	-1397 Oct 05 j 14:26	29°♍45'25	0°19'25
minimum elong	-1397 Oct 05 j 16:46	29°♍54'46	0°19'06
	-1397 Oct 05 j 18:05	0°♎	
desc. node	-1397 Oct 08 j 14:10	4°♎31'03	
max. Earth dist.	-1397 Oct 09 j 12:03	5°♎57'42	1.44677 AU
evening rise	-1397 Oct 22 j 04:18	25°♎46'17	
	-1397 Oct 24 j 21:55	0°♏	
greatest brilliancy	-1397 Nov 09 j 02:08	22°♏50'32	-0.6m
	-1397 Nov 14 j 12:47	0°♐	
evening max el	-1397 Nov 16 j 14:30	2°♐18'18	19°51'24
retrograde	-1397 Nov 24 j 02:47	6°♐41'32	
asc. node	-1397 Nov 24 j 22:21	6°♐37'43	
evening set	-1397 Nov 27 j 14:54	5°♐29'41	
	-1397 Dec 02 j 18:12	30°℞♏	
inferior conj	-1397 Dec 03 j 04:12	29°♏26'56	2°34'05
minimum elong	-1397 Dec 03 j 01:22	29°♏36'18	2°33'11
min. Earth dist.	-1397 Dec 04 j 03:26	28°♏10'04	0.66587 AU
morning rise	-1397 Dec 08 j 11:14	23°♏12'31	
direct	-1397 Dec 14 j 09:39	20°♏36'12	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning max el	-1397 Dec 26 j 09:51	27°♏43'41	25°24'40
	-1397 Dec 28 j 13:40	0°♐	
desc. node	-1396 Jan 04 j 13:26	8°♐26'53	
	-1396 Jan 19 j 09:42	0°♑	
morning set	-1396 Jan 31 j 15:15	20°♑43'24	
max. Earth dist.	-1396 Feb 04 j 10:14	27°♑43'25	1.36405 AU
	-1396 Feb 05 j 15:04	0°♒	
superior conj	-1396 Feb 10 j 07:40	9°♒08'51	-1°-33'-10
minimum elong	-1396 Feb 10 j 11:17	9°♒26'48	1°32'46
evening rise	-1396 Feb 18 j 11:52	25°♒41'25	
asc. node	-1396 Feb 20 j 21:40	0°♓30'35	
	-1396 Feb 20 j 15:29	0°♓	
evening max el	-1396 Mar 07 j 00:03	23°♓57'58	19°47'13
retrograde	-1396 Mar 16 j 20:04	28°♓40'04	
evening set	-1396 Mar 19 j 00:25	28°♓27'12	
inferior conj	-1396 Mar 27 j 16:40	24°♓24'52	1°19'56
minimum elong	-1396 Mar 27 j 19:56	24°♓19'47	1°18'52
min. Earth dist.	-1396 Mar 30 j 00:27	22°♓58'24	0.55801 AU
desc. node	-1396 Apr 01 j 12:35	21°♓32'13	
morning rise	-1396 Apr 05 j 12:13	19°♓50'28	
direct	-1396 Apr 09 j 17:23	19°♓11'02	
morning max el	-1396 Apr 23 j 15:39	26°♓08'44	24°18'44
	-1396 Apr 27 j 07:21	0°♈	
	-1396 May 15 j 22:16	0°♉	
morning set	-1396 May 18 j 14:26	5°♉30'58	
asc. node	-1396 May 18 j 21:00	6°♉05'36	
superior conj	-1396 May 25 j 16:11	20°♉44'04	1°06'07
minimum elong	-1396 May 25 j 13:47	20°♉31'02	1°05'44
max. Earth dist.	-1396 May 27 j 09:22	24°♉25'56	1.33221 AU
	-1396 May 30 j 00:18	0°♊	
evening rise	-1396 Jun 02 j 01:27	6°♊17'09	
	-1396 Jun 14 j 23:09	0°♋	
desc. node	-1396 Jun 28 j 11:52	19°♋29'56	
evening max el	-1396 Jul 05 j 02:51	26°♋45'09	27°25'10
	-1396 Jul 08 j 21:30	0°♌	
retrograde	-1396 Jul 18 j 19:48	4°♌05'52	
evening set	-1396 Jul 26 j 00:27	1°♌29'00	
	-1396 Jul 27 j 21:01	30°℞♋	
min. Earth dist.	-1396 Jul 29 j 14:44	28°♋23'41	0.63263 AU
inferior conj	-1396 Aug 01 j 08:00	25°♋40'39	-3°-48'-57
minimum elong	-1396 Aug 01 j 12:23	25°♋29'43	3°47'57
morning rise	-1396 Aug 08 j 02:29	20°♋25'45	
direct	-1396 Aug 10 j 15:05	19°♋55'18	
asc. node	-1396 Aug 14 j 20:12	21°♋20'58	
morning max el	-1396 Aug 17 j 05:25	23°♋20'07	17°54'37
	-1396 Aug 22 j 11:57	0°♌	
morning set	-1396 Sep 02 j 18:52	18°♌58'58	
	-1396 Sep 09 j 02:52	0°♍	
superior conj	-1396 Sep 14 j 18:42	9°♍34'18	1°00'44
minimum elong	-1396 Sep 14 j 23:56	9°♍56'02	1°00'06
max. Earth dist.	-1396 Sep 21 j 03:59	20°♍01'12	1.43704 AU
desc. node	-1396 Sep 24 j 11:12	25°♍17'21	
	-1396 Sep 27 j 11:02	0°♎	
evening rise	-1396 Sep 30 j 10:27	4°♎37'45	
	-1396 Oct 17 j 09:05	0°♏	
greatest brilliancy	-1396 Oct 24 j 01:21	9°♏10'41	-0.5m
evening max el	-1396 Oct 29 j 15:13	15°♏45'15	20°55'50
retrograde	-1396 Nov 07 j 00:12	20°♏43'09	
evening set	-1396 Nov 10 j 22:13	19°♏15'45	
asc. node	-1396 Nov 10 j 19:23	19°♏20'57	
inferior conj	-1396 Nov 16 j 08:40	13°♏02'34	1°49'40
minimum elong	-1396 Nov 16 j 06:24	13°♏10'22	1°48'48
min. Earth dist.	-1396 Nov 16 j 19:59	12°♏23'50	0.67229 AU
morning rise	-1396 Nov 21 j 14:11	6°♏46'28	
direct	-1396 Nov 26 j 21:19	4°♏29'22	
morning max el	-1396 Dec 07 j 18:28	10°♏58'46	24°00'03
desc. node	-1396 Dec 21 j 10:28	27°♏54'03	
	-1396 Dec 22 j 22:14	0°♐	
	-1395 Jan 11 j 04:01	0°♑	
morning set	-1395 Jan 12 j 08:28	2°♑01'30	
max. Earth dist.	-1395 Jan 16 j 06:13	8°♑51'36	1.38385 AU
superior conj	-1395 Jan 23 j 11:01	22°♑07'35	-1°-50'-23
minimum elong	-1395 Jan 23 j 14:03	22°♑22'00	1°50'12
	-1395 Jan 27 j 13:02	0°♒	
evening rise	-1395 Feb 01 j 09:43	9°♒32'40	
asc. node	-1395 Feb 06 j 18:42	19°♒50'12	
	-1395 Feb 12 j 20:44	0°♓	
evening max el	-1395 Feb 17 j 21:24	6°♓07'44	18°54'14
retrograde	-1395 Feb 26 j 05:24	10°♓08'55	
evening set	-1395 Feb 28 j 12:58	9°♓51'33	
inferior conj	-1395 Mar 08 j 11:15	5°♓33'40	2°45'54
minimum elong	-1395 Mar 08 j 15:48	5°♓25'28	2°44'46
min. Earth dist.	-1395 Mar 11 j 16:39	3°♓15'30	0.57295 AU
morning rise	-1395 Mar 16 j 14:31	0°♓27'08	
	-1395 Mar 17 j 19:08	30°℞♒	
desc. node	-1395 Mar 19 j 09:38	29°♒33'45	
direct	-1395 Mar 21 j 23:42	29°♒17'28	
	-1395 Mar 26 j 05:04	0°♓	
morning max el	-1395 Apr 05 j 06:56	6°♓43'41	25°51'50
	-1395 Apr 22 j 10:00	0°♈	
morning set	-1395 May 03 j 02:09	20°♈30'15	
asc. node	-1395 May 05 j 18:01	26°♈10'38	
	-1395 May 07 j 12:18	0°♉	
superior conj	-1395 May 10 j 03:06	5°♉43'17	0°44'44
minimum elong	-1395 May 10 j 01:16	5°♉33'16	0°44'23
max. Earth dist.	-1395 May 10 j 19:42	7°♉14'02	1.32641 AU
evening rise	-1395 May 17 j 05:32	20°♉56'27	
	-1395 May 21 j 18:01	0°♊	
	-1395 Jun 09 j 05:47	0°♋	
desc. node	-1395 Jun 15 j 08:54	7°♋12'48	
evening max el	-1395 Jun 17 j 08:50	9°♋12'41	27°05'32
retrograde	-1395 Jul 01 j 07:11	16°♋31'41	
evening set	-1395 Jul 08 j 07:19	14°♋17'48	
min. Earth dist.	-1395 Jul 11 j 22:46	11°♋34'04	0.61371 AU
inferior conj	-1395 Jul 15 j 03:08	8°♋45'35	-4°-22'-14
minimum elong	-1395 Jul 15 j 06:21	8°♋38'27	4°21'50
morning rise	-1395 Jul 22 j 08:18	3°♋51'41	
direct	-1395 Jul 24 j 19:16	3°♋26'43	
morning max el	-1395 Jul 31 j 19:15	6°♋55'27	18°00'09
asc. node	-1395 Aug 01 j 17:15	7°♋51'50	
	-1395 Aug 15 j 15:19	0°♌	
morning set	-1395 Aug 16 j 17:34	2°♌00'30	
superior conj	-1395 Aug 27 j 02:30	20°♌44'38	1°28'49
minimum elong	-1395 Aug 27 j 06:55	21°♌03'58	1°28'26
	-1395 Sep 01 j 11:51	0°♍	
max. Earth dist.	-1395 Sep 03 j 14:36	3°♍31'54	1.42167 AU
evening rise	-1395 Sep 09 j 22:54	13°♍49'13	
desc. node	-1395 Sep 11 j 08:15	16°♍00'59	
	-1395 Sep 20 j 11:23	0°♎	
greatest brilliancy	-1395 Oct 07 j 16:24	23°♎52'05	-0.3m
evening max el	-1395 Oct 12 j 10:04	29°♎12'52	22°10'37
	-1395 Oct 13 j 05:06	0°♏	
retrograde	-1395 Oct 21 j 20:06	4°♏48'57	
evening set	-1395 Oct 26 j 06:04	3°♏04'05	
asc. node	-1395 Oct 28 j 16:24	0°♏37'24	
	-1395 Oct 29 j 04:42	30°℞♎	
inferior conj	-1395 Oct 31 j 15:14	26°♎44'16	1°00'16
minimum elong	-1395 Oct 31 j 13:53	26°♎48'58	0°59'41

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

min. Earth dist.	-1395 Oct 31 j 15:48	26°♎42'19	0.67540 AU
morning rise	-1395 Nov 05 j 21:30	20°♎29'04	
direct	-1395 Nov 10 j 13:28	18°♎33'59	
morning max el	-1395 Nov 20 j 05:13	24°♎18'03	22°32'46
greatest brilliancy	-1395 Nov 24 j 21:00	29°♎31'43	-0.3m
	-1395 Nov 25 j 06:16	0°♏	
desc. node	-1395 Dec 08 j 07:31	17°♏49'15	
	-1395 Dec 16 j 09:29	0°♐	
morning set	-1395 Dec 23 j 21:44	11°♐56'32	
max. Earth dist.	-1395 Dec 29 j 02:17	20°♐34'44	1.40492 AU
	-1394 Jan 03 j 12:40	0°♑	
superior conj	-1394 Jan 05 j 21:28	4°♑13'56	-1°-59'-12
minimum elong	-1394 Jan 05 j 22:17	4°♑17'34	1°59'13
evening rise	-1394 Jan 15 j 21:47	22°♑50'25	
	-1394 Jan 19 j 17:33	0°♒	
asc. node	-1394 Jan 24 j 15:43	8°♒41'52	
evening max el	-1394 Feb 01 j 02:50	18°♒48'01	18°21'17
retrograde	-1394 Feb 08 j 09:21	22°♒23'54	
evening set	-1394 Feb 10 j 21:11	21°♒59'39	
inferior conj	-1394 Feb 18 j 02:42	17°♒21'01	3°35'39
minimum elong	-1394 Feb 18 j 05:35	17°♒14'57	3°35'14
min. Earth dist.	-1394 Feb 21 j 12:41	14°♒30'32	0.59254 AU
morning rise	-1394 Feb 25 j 10:27	11°♒49'28	
direct	-1394 Mar 03 j 19:18	10°♒01'27	
desc. node	-1394 Mar 06 j 06:39	10°♒17'18	
morning max el	-1394 Mar 18 j 02:20	17°♒42'17	27°02'41
	-1394 Mar 28 j 08:02	0°♓	
	-1394 Apr 14 j 20:54	0°♈	
morning set	-1394 Apr 17 j 11:55	5°♈22'27	
asc. node	-1394 Apr 22 j 15:04	16°♈21'28	
superior conj	-1394 Apr 24 j 14:52	20°♈43'06	0°20'55
minimum elong	-1394 Apr 24 j 13:56	20°♈38'02	0°20'44
max. Earth dist.	-1394 Apr 24 j 08:37	20°♈08'52	1.32421 AU
	-1394 Apr 28 j 20:54	0°♉	
evening rise	-1394 May 01 j 14:12	5°♉47'58	
	-1394 May 14 j 10:37	0°♊	
evening max el	-1394 May 30 j 08:48	20°♊57'24	26°13'29
desc. node	-1394 Jun 02 j 05:54	23°♊28'51	
retrograde	-1394 Jun 13 j 10:13	28°♊12'24	
evening set	-1394 Jun 19 j 17:44	26°♊33'50	
min. Earth dist.	-1394 Jun 23 j 21:48	23°♊55'00	0.59322 AU
inferior conj	-1394 Jun 27 j 06:13	21°♊20'45	-4°-36'-11
minimum elong	-1394 Jun 27 j 06:27	21°♊20'18	4°36'11
morning rise	-1394 Jul 04 j 22:42	16°♊49'13	
direct	-1394 Jul 07 j 10:02	16°♊27'57	
morning max el	-1394 Jul 15 j 04:25	20°♊11'08	18°25'21
asc. node	-1394 Jul 19 j 14:18	25°♊25'02	
	-1394 Jul 22 j 14:28	0°♋	
morning set	-1394 Jul 31 j 05:50	15°♋42'06	
	-1394 Aug 07 j 18:05	0°♌	
superior conj	-1394 Aug 09 j 10:04	3°♌05'43	1°43'50
minimum elong	-1394 Aug 09 j 12:12	3°♌15'37	1°43'45
max. Earth dist.	-1394 Aug 16 j 19:50	16°♌20'27	1.40279 AU
evening rise	-1394 Aug 21 j 08:32	24°♌00'50	
	-1394 Aug 25 j 00:29	0°♍	
desc. node	-1394 Aug 29 j 05:16	6°♍38'04	
	-1394 Sep 14 j 08:31	0°♎	
evening max el	-1394 Sep 25 j 00:17	12°♎42'36	23°30'40
retrograde	-1394 Oct 05 j 12:58	18°♎55'43	
evening set	-1394 Oct 10 j 12:46	16°♎52'12	
inferior conj	-1394 Oct 15 j 22:05	10°♎29'35	0°07'27
minimum elong	-1394 Oct 15 j 21:54	10°♎30'12	0°07'21
transit middle	-1394 Oct 15 j 21:54	10°♎30'12	0°07'21
transit begin	-1394 Oct 15 j 19:29	10°♎38'28	
transit end	-1394 Oct 16 j 00:20	10°♎21'55	
min. Earth dist.	-1394 Oct 15 j 12:22	11°♎02'51	0.67539 AU
asc. node	-1394 Oct 15 j 13:27	10°♎59'08	
morning rise	-1394 Oct 21 j 07:07	4°♎18'08	
direct	-1394 Oct 25 j 09:01	2°♎44'58	
morning max el	-1394 Nov 02 j 21:27	7°♎44'35	21°10'58
greatest brilliancy	-1394 Nov 08 j 07:25	14°♎01'14	-0.5m
	-1394 Nov 19 j 18:45	0°♏	
desc. node	-1394 Nov 25 j 04:33	8°♏04'02	
morning set	-1394 Dec 03 j 07:18	20°♏33'57	
	-1394 Dec 09 j 05:27	0°♐	
max. Earth dist.	-1394 Dec 11 j 05:02	3°♐13'31	1.42433 AU
superior conj	-1394 Dec 18 j 09:28	15°♐14'07	-1°-55'-30
minimum elong	-1394 Dec 18 j 06:14	15°♐00'18	1°55'25
	-1394 Dec 26 j 19:44	0°♑	
evening rise	-1394 Dec 29 j 20:21	5°♑26'20	
asc. node	-1393 Jan 11 j 12:45	26°♑56'17	
	-1393 Jan 13 j 21:09	0°♒	
evening max el	-1393 Jan 15 j 13:14	1°♒49'20	18°08'06
retrograde	-1393 Jan 22 j 05:35	5°♒15'26	
evening set	-1393 Jan 24 j 21:16	4°♒43'04	
	-1393 Jan 31 j 05:45	30°℞♑	
inferior conj	-1393 Jan 31 j 13:04	29°♑42'24	3°54'13
minimum elong	-1393 Jan 31 j 13:30	29°♑41'20	3°54'12
min. Earth dist.	-1393 Feb 03 j 15:16	26°♑44'23	0.61330 AU
morning rise	-1393 Feb 07 j 03:12	23°♑53'58	
direct	-1393 Feb 14 j 01:09	21°♑31'42	
desc. node	-1393 Feb 21 j 03:42	23°♑43'38	
morning max el	-1393 Feb 28 j 03:53	29°♑19'04	27°40'40
	-1393 Feb 28 j 20:15	0°♒	
	-1393 Mar 22 j 05:00	0°♓	
morning set	-1393 Apr 01 j 17:51	20°♓00'23	
	-1393 Apr 06 j 11:41	0°♈	
max. Earth dist.	-1393 Apr 07 j 20:23	2°♈56'57	1.32556 AU
superior conj	-1393 Apr 09 j 01:48	5°♈36'59	0°-4'-33
minimum elong	-1393 Apr 09 j 02:00	5°♈38'07	0°04'30
behind sun begin	-1393 Apr 08 j 21:06	5°♈11'26	
behind sun end	-1393 Apr 09 j 06:54	6°♈04'48	
asc. node	-1393 Apr 09 j 12:07	6°♈33'21	
evening rise	-1393 Apr 16 j 01:21	20°♈43'47	
	-1393 Apr 20 j 14:15	0°♉	
	-1393 May 10 j 02:55	0°♊	
evening max el	-1393 May 12 j 02:33	2°♊00'44	24°54'48
desc. node	-1393 May 20 j 02:54	7°♊44'35	
retrograde	-1393 May 26 j 02:31	9°♊06'50	
evening set	-1393 May 31 j 05:30	8°♊06'54	
min. Earth dist.	-1393 Jun 05 j 14:18	5°♊16'12	0.57370 AU
inferior conj	-1393 Jun 08 j 14:02	3°♊17'02	-4°-19'-40
minimum elong	-1393 Jun 08 j 10:00	3°♊23'48	4°19'09
	-1393 Jun 14 j 04:43	30°℞♉	
morning rise	-1393 Jun 16 j 18:24	29°♉06'40	
direct	-1393 Jun 19 j 07:22	28°♉48'01	
	-1393 Jun 24 j 03:00	0°♊	
morning max el	-1393 Jun 28 j 06:02	2°♊58'22	19°11'13
asc. node	-1393 Jul 06 j 11:23	13°♊46'58	
morning set	-1393 Jul 15 j 03:49	29°♊54'09	
	-1393 Jul 15 j 05:00	0°♋	
superior conj	-1393 Jul 23 j 11:49	16°♋22'33	1°47'59
minimum elong	-1393 Jul 23 j 11:46	16°♋22'22	1°48'01
max. Earth dist.	-1393 Jul 29 j 22:45	28°♋31'13	1.38287 AU
	-1393 Jul 30 j 18:20	0°♌	
evening rise	-1393 Aug 02 j 19:39	5°♌25'39	
desc. node	-1393 Aug 16 j 02:17	27°♌04'28	
	-1393 Aug 18 j 00:59	0°♍	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening max el	-1393 Sep 07 j 12:03	26°♍16'02	24°49'22	
	-1393 Sep 11 j 18:43	0°♎		
retrograde	-1393 Sep 19 j 01:54	3°♎00'20		
evening set	-1393 Sep 24 j 16:37	0°♎38'37		
	-1393 Sep 25 j 09:36	30°℞♍		
min. Earth dist.	-1393 Sep 29 j 07:15	25°♍24'07	0.67227 AU	
inferior conj	-1393 Sep 30 j 03:32	24°♍16'55	0°-47'-13	
minimum elong	-1393 Sep 30 j 04:41	24°♍13'06	0°46'44	
asc. node	-1393 Oct 02 j 10:31	21°♍21'22		
morning rise	-1393 Oct 05 j 17:10	18°♍12'15		
direct	-1393 Oct 09 j 06:46	16°♍58'54		
morning max el	-1393 Oct 16 j 21:17	21°♍21'33	20°00'14	
	-1393 Oct 23 j 22:35	0°♎		
greatest brilliancy	-1393 Oct 24 j 05:17	0°♎23'02	-0.6m	
morning set	-1393 Nov 12 j 04:18	28°♎43'16		
desc. node	-1393 Nov 12 j 01:37	28°♎32'56		
	-1393 Nov 13 j 00:07	0°♏		
max. Earth dist.	-1393 Nov 23 j 15:54	16°♏44'30	1.43929 AU	
superior conj	-1393 Nov 28 j 18:41	24°♏59'18	-1°-35'-11	
minimum elong	-1393 Nov 28 j 11:24	24°♏29'43	1°34'36	
	-1393 Dec 01 j 20:03	0°♐		
evening rise	-1393 Dec 12 j 01:11	17°♐12'58		
	-1393 Dec 19 j 13:01	0°♑		
asc. node	-1393 Dec 29 j 09:48	14°♑22'44		
evening max el	-1393 Dec 30 j 01:42	15°♑04'31	18°14'09	
retrograde	-1392 Jan 05 j 13:48	18°♑33'54		
evening set	-1392 Jan 08 j 09:26	17°♑52'33		
inferior conj	-1392 Jan 14 j 14:40	12°♑31'07	3°49'44	
minimum elong	-1392 Jan 14 j 13:09	12°♑35'14	3°49'35	
min. Earth dist.	-1392 Jan 17 j 03:05	9°♑47'16	0.63242 AU	
morning rise	-1392 Jan 20 j 15:10	6°♑31'15		
direct	-1392 Jan 27 j 15:21	3°♑47'11		
desc. node	-1392 Feb 08 j 00:47	9°♑20'37		
morning max el	-1392 Feb 10 j 10:49	11°♑36'08	27°41'50	
	-1392 Feb 25 j 01:30	0°♒		
	-1392 Mar 13 j 13:40	0°♓		
morning set	-1392 Mar 15 j 17:37	4°♓16'23		
max. Earth dist.	-1392 Mar 21 j 03:05	15°♓24'44	1.33074 AU	
superior conj	-1392 Mar 23 j 10:11	20°♓19'04	0°-30'-44	
minimum elong	-1392 Mar 23 j 11:37	20°♓26'49	0°30'27	
asc. node	-1392 Mar 26 j 09:10	26°♓42'11		
	-1392 Mar 27 j 21:52	0°♈		
evening rise	-1392 Mar 30 j 13:07	5°♈37'09		
	-1392 Apr 12 j 16:16	0°♉		
evening max el	-1392 Apr 22 j 17:30	12°♉39'05	23°21'31	
desc. node	-1392 May 05 j 23:56	19°♉23'36		
retrograde	-1392 May 06 j 06:25	19°♉23'46		
evening set	-1392 May 09 j 23:34	18°♉53'28		
min. Earth dist.	-1392 May 17 j 03:44	15°♉37'24	0.55849 AU	
inferior conj	-1392 May 19 j 01:54	14°♉29'14	-3°-21'-36	
minimum elong	-1392 May 18 j 19:07	14°♉39'17	3°19'54	
morning rise	-1392 May 27 j 18:02	10°♉33'10		
direct	-1392 May 30 j 09:32	10°♉16'02		
morning max el	-1392 Jun 09 j 21:39	15°♉07'51	20°17'53	
	-1392 Jun 20 j 19:33	0°♊		
asc. node	-1392 Jun 22 j 08:28	2°♊45'27		
morning set	-1392 Jun 28 j 08:27	14°♊27'41		
	-1392 Jul 05 j 22:40	0°♋		
superior conj	-1392 Jul 06 j 02:35	0°♋19'46	1°43'40	
minimum elong	-1392 Jul 06 j 01:00	0°♋11'50	1°43'36	
max. Earth dist.	-1392 Jul 11 j 04:19	10°♋20'46	1.36431 AU	
evening rise	-1392 Jul 15 j 05:06	17°♋56'01		
	-1392 Jul 22 j 01:22	0°♌		
desc. node	-1392 Aug 01 j 23:18	17°♌14'01		

	-1392 Aug 11 j 06:41	0°♍		
evening max el	-1392 Aug 19 j 23:14	9°♍50'42	25°59'16	
retrograde	-1392 Sep 01 j 10:15	16°♍57'09		
evening set	-1392 Sep 07 j 15:42	14°♍20'20		
min. Earth dist.	-1392 Sep 11 j 22:04	9°♍42'55	0.66582 AU	
inferior conj	-1392 Sep 13 j 05:44	8°♍03'19	-1°-42'-9	
minimum elong	-1392 Sep 13 j 08:15	7°♍55'24	1°41'09	
asc. node	-1392 Sep 18 j 07:37	2°♍38'29		
morning rise	-1392 Sep 19 j 01:38	2°♍08'24		
direct	-1392 Sep 22 j 05:03	1°♍11'35		
morning max el	-1392 Sep 29 j 04:17	5°♍06'56	19°03'42	
	-1392 Oct 16 j 17:20	0°♎		
morning set	-1392 Oct 21 j 12:53	7°♎33'15		
desc. node	-1392 Oct 28 j 22:40	19°♎10'54		
	-1392 Nov 04 j 19:54	0°♏		
max. Earth dist.	-1392 Nov 05 j 07:59	0°♏47'35	1.44788 AU	
superior conj	-1392 Nov 07 j 03:29	3°♏39'12	0°-57'-21	
minimum elong	-1392 Nov 06 j 20:35	3°♏11'58	0°56'32	
evening rise	-1392 Nov 22 j 07:55	28°♏01'53		
	-1392 Nov 23 j 12:50	0°♐		
evening max el	-1392 Dec 12 j 13:33	28°♐27'20	18°38'44	
	-1392 Dec 14 j 05:29	0°♑		
asc. node	-1392 Dec 15 j 06:50	0°♑47'39		
retrograde	-1392 Dec 19 j 05:41	2°♑10'56		
evening set	-1392 Dec 22 j 06:16	1°♑19'21		
	-1392 Dec 24 j 02:33	30°℞♐		
inferior conj	-1392 Dec 28 j 03:38	25°♐39'38	3°29'00	
minimum elong	-1392 Dec 28 j 01:02	25°♐47'26	3°28'29	
min. Earth dist.	-1392 Dec 30 j 00:53	23°♐24'23	0.64832 AU	
morning rise	-1391 Jan 02 j 18:37	19°♐32'00		
direct	-1391 Jan 09 j 12:41	16°♐40'53		
morning max el	-1391 Jan 22 j 20:23	24°♐24'02	27°08'46	
desc. node	-1391 Jan 24 j 21:52	26°♐32'55		
	-1391 Jan 27 j 22:33	0°♑		
	-1391 Feb 17 j 10:36	0°♒		
morning set	-1391 Feb 27 j 08:15	18°♒01'15		
max. Earth dist.	-1391 Mar 04 j 00:42	27°♒20'54	1.34010 AU	
	-1391 Mar 05 j 07:41	0°♓		
superior conj	-1391 Mar 07 j 14:05	4°♓43'27	0°-56'-37	
minimum elong	-1391 Mar 07 j 16:41	4°♓57'07	0°56'10	
asc. node	-1391 Mar 13 j 06:12	16°♓44'03		
evening rise	-1391 Mar 14 j 23:43	20°♓22'04		
	-1391 Mar 19 j 18:10	0°♈		
evening max el	-1391 Apr 04 j 12:35	23°♈22'43	21°48'21	
retrograde	-1391 Apr 16 j 23:28	29°♈26'38		
evening set	-1391 Apr 19 j 14:24	29°♈11'13		
desc. node	-1391 Apr 22 j 20:58	28°♈12'37		
inferior conj	-1391 Apr 28 j 23:24	25°♈07'35	-1°-42'-14	
minimum elong	-1391 Apr 28 j 18:45	25°♈14'09	1°40'40	
min. Earth dist.	-1391 Apr 28 j 17:04	25°♈16'30	0.55088 AU	
morning rise	-1391 May 08 j 00:08	21°♈10'13		
direct	-1391 May 10 j 22:13	20°♈51'21		
morning max el	-1391 May 23 j 02:23	26°♈35'36	21°43'05	
	-1391 May 26 j 08:28	0°♉		
asc. node	-1391 Jun 09 j 05:32	22°♉11'28		
morning set	-1391 Jun 12 j 17:25	29°♉16'16		
	-1391 Jun 13 j 01:51	0°♊		
superior conj	-1391 Jun 20 j 02:25	14°♊45'43	1°32'50	
minimum elong	-1391 Jun 20 j 00:03	14°♊33'18	1°32'37	
max. Earth dist.	-1391 Jun 23 j 17:41	22°♊14'56	1.34886 AU	
	-1391 Jun 27 j 15:33	0°♋		
evening rise	-1391 Jun 28 j 07:57	1°♋19'04		
	-1391 Jul 15 j 01:17	0°♌		
desc. node	-1391 Jul 19 j 20:17	6°♌59'14		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening max el	-1391 Aug 02 j 10:50	23°♌21'33	26°52'32
	-1391 Aug 11 j 23:55	0°♍	
retrograde	-1391 Aug 15 j 13:37	0°♍39'43	
	-1391 Aug 18 j 22:13	30°℞♌	
evening set	-1391 Aug 22 j 07:45	27°♌54'32	
min. Earth dist.	-1391 Aug 26 j 06:31	23°♌55'04	0.65580 AU
inferior conj	-1391 Aug 28 j 02:42	21°♌45'49	-2°-35'-22
minimum elong	-1391 Aug 28 j 06:24	21°♌34'59	2°34'04
morning rise	-1391 Sep 03 j 06:21	16°♌03'45	
asc. node	-1391 Sep 05 j 04:42	15°♌24'11	
direct	-1391 Sep 06 j 02:01	15°♌19'48	
morning max el	-1391 Sep 12 j 16:36	18°♌56'56	18°23'11
	-1391 Sep 20 j 23:47	0°♍	
morning set	-1391 Oct 02 j 00:05	17°♍43'08	
	-1391 Oct 09 j 14:19	0°♎	
desc. node	-1391 Oct 15 j 19:40	9°♎54'31	
superior conj	-1391 Oct 17 j 03:39	12°♎00'53	0°-8'-39
minimum elong	-1391 Oct 17 j 02:31	11°♎56'22	0°08'31
behind sun begin	-1391 Oct 16 j 16:51	11°♎18'14	
behind sun end	-1391 Oct 17 j 12:10	12°♎34'30	
max. Earth dist.	-1391 Oct 19 j 02:10	15°♎04'11	1.44927 AU
	-1391 Oct 28 j 14:30	0°♏	
evening rise	-1391 Nov 02 j 14:27	7°♏50'24	
greatest brilliancy	-1391 Nov 16 j 10:40	29°♏20'12	-0.7m
	-1391 Nov 16 j 21:21	0°♐	
evening max el	-1391 Nov 25 j 22:27	11°♐53'38	19°20'27
asc. node	-1391 Dec 02 j 03:53	15°♐55'37	
retrograde	-1391 Dec 03 j 01:38	16°♐00'15	
evening set	-1391 Dec 06 j 08:55	14°♐56'35	
inferior conj	-1391 Dec 12 j 00:38	9°♐01'32	2°56'40
minimum elong	-1391 Dec 11 j 21:43	9°♐10'55	2°55'51
min. Earth dist.	-1391 Dec 13 j 07:34	7°♐22'15	0.66054 AU
morning rise	-1391 Dec 17 j 09:41	2°♐48'48	
direct	-1391 Dec 23 j 16:16	0°♐03'56	
morning max el	-1390 Jan 05 j 05:50	7°♐28'53	26°08'13
desc. node	-1390 Jan 11 j 18:54	14°♐52'07	
	-1390 Jan 22 j 19:57	0°♑	
	-1390 Feb 09 j 20:23	0°♒	
morning set	-1390 Feb 10 j 09:36	1°♒01'14	
max. Earth dist.	-1390 Feb 14 j 10:23	8°♒41'20	1.35403 AU
superior conj	-1390 Feb 19 j 11:01	18°♒41'44	-1°-20'-47
minimum elong	-1390 Feb 19 j 14:26	18°♒59'11	1°20'19
	-1390 Feb 24 j 22:41	0°♓	
evening rise	-1390 Feb 27 j 07:08	4°♓51'06	
asc. node	-1390 Feb 28 j 03:13	6°♓33'37	
	-1390 Mar 13 j 15:47	0°♈	
evening max el	-1390 Mar 17 j 17:15	4°♈34'51	20°26'36
retrograde	-1390 Mar 28 j 13:01	9°♈45'42	
evening set	-1390 Mar 30 j 17:41	9°♈33'49	
inferior conj	-1390 Apr 08 j 18:59	5°♈36'14	0°16'17
minimum elong	-1390 Apr 08 j 19:44	5°♈35'09	0°16'02
desc. node	-1390 Apr 09 j 18:01	5°♈02'31	
min. Earth dist.	-1390 Apr 10 j 07:03	4°♈43'35	0.55276 AU
morning rise	-1390 Apr 17 j 19:41	1°♈18'52	
direct	-1390 Apr 21 j 10:40	0°♈50'16	
morning max el	-1390 May 04 j 21:43	7°♈25'23	23°20'54
	-1390 May 21 j 00:02	0°♉	
asc. node	-1390 May 27 j 02:34	11°♉56'54	
morning set	-1390 May 28 j 04:46	14°♉13'12	
superior conj	-1390 Jun 04 j 08:18	29°♉30'08	1°17'01
minimum elong	-1390 Jun 04 j 05:45	29°♉16'29	1°16'40
	-1390 Jun 04 j 13:53	0°♊	
max. Earth dist.	-1390 Jun 06 j 16:51	4°♊30'45	1.33720 AU
evening rise	-1390 Jun 11 j 23:25	15°♊20'29	
	-1390 Jun 19 j 18:09	0°♋	
desc. node	-1390 Jul 06 j 17:19	26°♋09'31	
	-1390 Jul 09 j 19:04	0°♌	
evening max el	-1390 Jul 15 j 22:11	6°♌38'28	27°21'49
retrograde	-1390 Jul 29 j 11:19	13°♌59'35	
evening set	-1390 Aug 05 j 13:54	11°♌16'17	
min. Earth dist.	-1390 Aug 09 j 06:31	7°♌52'43	0.64207 AU
inferior conj	-1390 Aug 11 j 16:01	5°♌19'31	-3°-24'-15
minimum elong	-1390 Aug 11 j 20:24	5°♌07'49	3°23'02
	-1390 Aug 17 j 23:01	30°℞♋	
morning rise	-1390 Aug 18 j 04:44	29°♋53'30	
direct	-1390 Aug 20 j 19:10	29°♋18'58	
asc. node	-1390 Aug 23 j 01:46	29°♋45'32	
	-1390 Aug 23 j 15:10	0°♌	
morning max el	-1390 Aug 27 j 07:40	2°♌46'09	17°59'51
morning set	-1390 Sep 13 j 14:46	29°♌12'50	
	-1390 Sep 14 j 01:49	0°♍	
superior conj	-1390 Sep 26 j 17:24	21°♍06'08	0°38'23
minimum elong	-1390 Sep 26 j 21:31	21°♍22'51	0°37'50
max. Earth dist.	-1390 Oct 01 j 19:47	29°♍17'49	1.44343 AU
	-1390 Oct 02 j 06:24	0°♎	
desc. node	-1390 Oct 02 j 16:41	0°♎40'48	
evening rise	-1390 Oct 13 j 01:38	16°♎52'59	
	-1390 Oct 21 j 15:39	0°♏	
greatest brilliancy	-1390 Nov 02 j 13:46	17°♏22'47	-0.6m
evening max el	-1390 Nov 09 j 02:37	25°♏21'26	20°17'20
retrograde	-1390 Nov 16 j 23:04	29°♏58'31	
asc. node	-1390 Nov 19 j 00:56	29°♏33'44	
evening set	-1390 Nov 20 j 15:06	28°♏40'27	
inferior conj	-1390 Nov 26 j 03:02	22°♏33'07	2°15'59
minimum elong	-1390 Nov 26 j 00:23	22°♏42'01	2°15'03
min. Earth dist.	-1390 Nov 26 j 21:06	21°♏32'19	0.66908 AU
morning rise	-1390 Dec 01 j 09:07	16°♏17'43	
direct	-1390 Dec 07 j 01:17	13°♏48'40	
morning max el	-1390 Dec 18 j 14:16	20°♏41'08	24°49'31
	-1390 Dec 26 j 15:14	0°♐	
desc. node	-1390 Dec 29 j 15:56	3°♐58'48	
	-1389 Jan 16 j 00:56	0°♑	
morning set	-1389 Jan 23 j 16:18	13°♑01'06	
max. Earth dist.	-1389 Jan 27 j 09:31	19°♑43'36	1.37218 AU
	-1389 Feb 01 j 20:06	0°♒	
superior conj	-1389 Feb 02 j 21:55	2°♒05'26	-1°-41'-17
minimum elong	-1389 Feb 03 j 01:26	2°♒22'39	1°40'58
evening rise	-1389 Feb 11 j 09:13	18°♒58'02	
asc. node	-1389 Feb 15 j 00:14	26°♒05'50	
	-1389 Feb 17 j 01:56	0°♓	
evening max el	-1389 Feb 28 j 08:55	16°♓24'08	19°22'16
retrograde	-1389 Mar 09 j 12:12	20°♓46'27	
evening set	-1389 Mar 11 j 17:47	20°♓31'57	
inferior conj	-1389 Mar 20 j 02:30	16°♓24'11	2°00'46
minimum elong	-1389 Mar 20 j 06:48	16°♓17'06	1°59'28
min. Earth dist.	-1389 Mar 22 j 21:49	14°♓34'00	0.56365 AU
desc. node	-1389 Mar 27 j 15:03	12°♓00'10	
morning rise	-1389 Mar 28 j 16:01	11°♓36'02	
direct	-1389 Apr 02 j 09:23	10°♓45'03	
morning max el	-1389 Apr 16 j 12:26	17°♓56'31	25°00'05
	-1389 Apr 26 j 11:11	0°♈	
morning set	-1389 May 12 j 16:48	29°♈13'04	
	-1389 May 13 j 01:43	0°♉	
asc. node	-1389 May 13 j 23:35	1°♉56'04	
superior conj	-1389 May 19 j 17:54	14°♉25'31	0°57'23
minimum elong	-1389 May 19 j 15:42	14°♉13'29	0°57'00
max. Earth dist.	-1389 May 21 j 00:10	17°♉09'46	1.32935 AU
evening rise	-1389 May 26 j 23:46	29°♉48'43	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1389 May 27 j 01:58	0°♊	
	-1389 Jun 12 j 20:24	0°♋	
desc. node	-1389 Jun 23 j 14:20	14°♋29'53	
evening max el	-1389 Jun 28 j 07:02	19°♋27'55	27°21'00
retrograde	-1389 Jul 12 j 02:27	26°♋47'21	
evening set	-1389 Jul 19 j 06:28	24°♋18'55	
min. Earth dist.	-1389 Jul 22 j 20:26	21°♋24'16	0.62487 AU
inferior conj	-1389 Jul 25 j 18:45	18°♋37'14	-4°-4'-54
minimum elong	-1389 Jul 25 j 22:50	18°♋27'30	4°04'09
morning rise	-1389 Aug 01 j 17:39	13°♋30'39	
direct	-1389 Aug 04 j 05:21	13°♋02'41	
asc. node	-1389 Aug 09 j 22:49	15°♋33'06	
morning max el	-1389 Aug 10 j 22:43	16°♋28'03	17°54'38
	-1389 Aug 20 j 11:32	0°♌	
morning set	-1389 Aug 27 j 03:28	11°♌45'33	
	-1389 Sep 06 j 12:27	0°♍	
superior conj	-1389 Sep 07 j 09:24	1°♍29'16	1°14'20
minimum elong	-1389 Sep 07 j 14:37	1°♍51'24	1°13'47
max. Earth dist.	-1389 Sep 14 j 10:03	13°♍10'25	1.43110 AU
desc. node	-1389 Sep 19 j 13:42	21°♍26'10	
evening rise	-1389 Sep 22 j 08:11	25°♍47'04	
	-1389 Sep 25 j 01:29	0°♎	
	-1389 Oct 15 j 16:08	0°♏	
greatest brilliancy	-1389 Oct 17 j 23:28	2°♏58'47	-0.4m
evening max el	-1389 Oct 23 j 00:55	8°♏49'02	21°26'38
retrograde	-1389 Oct 31 j 19:55	14°♏02'21	
evening set	-1389 Nov 04 j 22:52	12°♏27'38	
asc. node	-1389 Nov 05 j 21:59	11°♏37'52	
inferior conj	-1389 Nov 10 j 08:37	6°♏11'21	1°29'14
minimum elong	-1389 Nov 10 j 06:41	6°♏18'00	1°28'27
min. Earth dist.	-1389 Nov 10 j 15:14	5°♏48'33	0.67408 AU
morning rise	-1389 Nov 15 j 14:12	29°♎55'35	
	-1389 Nov 15 j 12:10	30°℞♎	
direct	-1389 Nov 20 j 14:54	27°♎47'40	
	-1389 Nov 26 j 09:46	0°♏	
morning max el	-1389 Nov 30 j 23:17	3°♏57'22	23°22'43
greatest brilliancy	-1389 Dec 06 j 10:17	10°♏06'47	-0.2m
desc. node	-1389 Dec 16 j 12:59	23°♏38'59	
	-1389 Dec 20 j 21:36	0°♐	
morning set	-1388 Jan 04 j 22:08	23°♐44'25	
	-1388 Jan 08 j 14:08	0°♑	
max. Earth dist.	-1388 Jan 09 j 04:53	1°♑04'05	1.39293 AU
superior conj	-1388 Jan 16 j 18:43	14°♑43'30	-1°-55'-23
minimum elong	-1388 Jan 16 j 21:03	14°♑54'17	1°55'18
	-1388 Jan 24 j 19:02	0°♒	
evening rise	-1388 Jan 26 j 03:18	2°♒35'55	
asc. node	-1388 Feb 01 j 21:16	15°♒14'25	
evening max el	-1388 Feb 11 j 10:01	28°♒47'29	18°37'41
	-1388 Feb 12 j 18:46	0°♓	
retrograde	-1388 Feb 19 j 05:37	2°♓35'57	
evening set	-1388 Feb 21 j 15:08	2°♓15'45	
	-1388 Feb 26 j 05:56	30°℞♒	
inferior conj	-1388 Feb 29 j 05:54	27°♒48'58	3°11'19
minimum elong	-1388 Feb 29 j 09:58	27°♒41'08	3°10'29
min. Earth dist.	-1388 Mar 03 j 15:00	25°♒14'30	0.58097 AU
morning rise	-1388 Mar 08 j 00:56	22°♒30'58	
direct	-1388 Mar 13 j 21:11	21°♒05'34	
desc. node	-1388 Mar 13 j 12:05	21°♒05'56	
morning max el	-1388 Mar 28 j 04:58	28°♒38'25	26°25'35
	-1388 Mar 29 j 13:27	0°♓	
	-1388 Apr 19 j 00:26	0°♈	
morning set	-1388 Apr 26 j 03:57	14°♈10'23	
asc. node	-1388 Apr 29 j 20:37	22°♈04'12	
superior conj	-1388 May 03 j 05:24	29°♈25'45	0°34'52
minimum elong	-1388 May 03 j 03:55	29°♈17'38	0°34'35
	-1388 May 03 j 11:38	0°♉	
max. Earth dist.	-1388 May 03 j 12:18	0°♉03'34	1.32506 AU
evening rise	-1388 May 10 j 06:07	14°♉34'25	
	-1388 May 18 j 02:42	0°♊	
	-1388 Jun 07 j 19:11	0°♋	
desc. node	-1388 Jun 09 j 11:20	1°♋39'44	
evening max el	-1388 Jun 09 j 10:43	1°♋38'17	26°47'11
retrograde	-1388 Jun 23 j 10:16	8°♋55'17	
evening set	-1388 Jun 30 j 05:10	6°♋55'08	
min. Earth dist.	-1388 Jul 04 j 00:11	4°♋15'59	0.60508 AU
inferior conj	-1388 Jul 07 j 07:33	1°♋31'02	-4°-31'-9
minimum elong	-1388 Jul 07 j 09:44	1°♋26'28	4°30'58
	-1388 Jul 09 j 04:14	30°℞♊	
morning rise	-1388 Jul 14 j 17:27	26°♊46'39	
direct	-1388 Jul 17 j 04:33	26°♊23'17	
morning max el	-1388 Jul 24 j 10:58	29°♊56'22	18°08'28
	-1388 Jul 24 j 12:28	0°♋	
asc. node	-1388 Jul 26 j 19:52	2°♋32'32	
morning set	-1388 Aug 09 j 08:32	25°♋06'00	
	-1388 Aug 11 j 23:22	0°♌	
superior conj	-1388 Aug 19 j 04:03	13°♌12'03	1°36'41
minimum elong	-1388 Aug 19 j 07:34	13°♌27'46	1°36'26
max. Earth dist.	-1388 Aug 26 j 18:48	26°♌26'01	1.41393 AU
	-1388 Aug 28 j 22:02	0°♍	
evening rise	-1388 Sep 01 j 04:28	5°♍20'47	
desc. node	-1388 Sep 05 j 10:44	12°♍07'31	
	-1388 Sep 17 j 08:09	0°♎	
greatest brilliancy	-1388 Sep 29 j 19:32	16°♎46'29	-0.3m
evening max el	-1388 Oct 04 j 17:34	22°♎17'10	22°44'15
retrograde	-1388 Oct 14 j 14:43	28°♎09'18	
evening set	-1388 Oct 19 j 06:29	26°♎16'17	
asc. node	-1388 Oct 22 j 19:02	22°♎25'34	
inferior conj	-1388 Oct 24 j 15:32	19°♎54'42	0°38'11
minimum elong	-1388 Oct 24 j 14:38	19°♎57'45	0°37'48
min. Earth dist.	-1388 Oct 24 j 11:36	20°♎08'15	0.67581 AU
morning rise	-1388 Oct 29 j 22:46	13°♎40'58	
direct	-1388 Nov 03 j 08:30	11°♎55'35	
morning max el	-1388 Nov 12 j 12:12	17°♎19'57	21°56'57
greatest brilliancy	-1388 Nov 17 j 07:15	22°♎45'43	-0.4m
	-1388 Nov 22 j 20:15	0°♏	
desc. node	-1388 Dec 02 j 10:02	13°♏43'17	
	-1388 Dec 13 j 00:44	0°♐	
morning set	-1388 Dec 14 j 22:59	3°♐04'00	
max. Earth dist.	-1388 Dec 21 j 03:50	13°♐12'04	1.41359 AU
superior conj	-1388 Dec 28 j 20:19	26°♐23'10	-1°-59'-25
minimum elong	-1388 Dec 28 j 19:35	26°♐19'58	1°59'27
	-1388 Dec 30 j 21:09	0°♑	
evening rise	-1387 Jan 08 j 10:10	15°♑37'17	
	-1387 Jan 16 j 09:31	0°♒	
asc. node	-1387 Jan 18 j 18:19	3°♒51'34	
evening max el	-1387 Jan 24 j 17:51	11°♒37'24	18°13'11
retrograde	-1387 Jan 31 j 17:13	15°♒07'46	
evening set	-1387 Feb 03 j 06:35	14°♒40'16	
inferior conj	-1387 Feb 10 j 05:51	9°♒52'03	3°46'51
minimum elong	-1387 Feb 10 j 07:41	9°♒47'56	3°46'41
min. Earth dist.	-1387 Feb 13 j 13:33	6°♒55'20	0.60138 AU
morning rise	-1387 Feb 17 j 05:39	4°♒12'06	
direct	-1387 Feb 23 j 21:13	2°♒08'39	
desc. node	-1387 Feb 28 j 09:10	3°♒01'26	
morning max el	-1387 Mar 10 j 03:14	9°♒53'21	27°23'23
	-1387 Mar 25 j 15:54	0°♓	
morning set	-1387 Apr 10 j 12:22	28°♓57'45	
	-1387 Apr 11 j 00:21	0°♈	
asc. node	-1387 Apr 16 j 17:39	12°♈16'01	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

max. Earth dist.	-1387 Apr 17 j 01:16	12°♈57'40	1.32430 AU
superior conj	-1387 Apr 17 j 17:00	14°♈23'48	0°10'17
minimum elong	-1387 Apr 17 j 16:33	14°♈21'15	0°10'11
behind sun begin	-1387 Apr 17 j 12:41	14°♈00'04	
behind sun end	-1387 Apr 17 j 20:25	14°♈42'27	
evening rise	-1387 Apr 24 j 16:04	29°♈28'31	
	-1387 Apr 24 j 22:03	0°♉	
	-1387 May 11 j 14:20	0°♊	
evening max el	-1387 May 22 j 07:36	13°♊03'26	25°42'38
desc. node	-1387 May 27 j 08:22	17°♊09'14	
retrograde	-1387 Jun 05 j 09:11	20°♊16'23	
evening set	-1387 Jun 11 j 05:59	18°♊54'12	
min. Earth dist.	-1387 Jun 15 j 19:52	16°♊12'26	0.58458 AU
inferior conj	-1387 Jun 19 j 02:43	13°♊50'20	-4°-33'-39
minimum elong	-1387 Jun 19 j 01:11	13°♊53'06	4°33'34
morning rise	-1387 Jun 27 j 00:16	9°♊28'39	
direct	-1387 Jun 29 j 12:08	9°♊08'41	
morning max el	-1387 Jul 07 j 17:21	13°♊01'27	18°42'22
asc. node	-1387 Jul 13 j 16:57	20°♊27'57	
	-1387 Jul 19 j 07:41	0°♋	
morning set	-1387 Jul 24 j 01:20	9°♋01'16	
superior conj	-1387 Aug 01 j 20:04	25°♋58'55	1°46'47
minimum elong	-1387 Aug 01 j 21:13	26°♋04'23	1°46'46
	-1387 Aug 03 j 23:41	0°♌	
max. Earth dist.	-1387 Aug 08 j 22:10	8°♌55'41	1.39424 AU
evening rise	-1387 Aug 13 j 00:55	16°♌02'56	
	-1387 Aug 21 j 14:26	0°♍	
desc. node	-1387 Aug 23 j 07:45	2°♍40'26	
	-1387 Sep 12 j 00:06	0°♎	
evening max el	-1387 Sep 17 j 06:14	5°♎47'33	24°04'42
retrograde	-1387 Sep 28 j 06:12	12°♎15'43	
evening set	-1387 Oct 03 j 12:14	10°♎04'08	
inferior conj	-1387 Oct 08 j 22:01	3°♎41'09	0°-15'-36
minimum elong	-1387 Oct 08 j 22:23	3°♎39'53	0°15'27
transit middle	-1387 Oct 08 j 22:23	3°♎39'53	0°15'27
transit begin	-1387 Oct 08 j 21:32	3°♎42'49	
transit end	-1387 Oct 08 j 23:15	3°♎36'57	
min. Earth dist.	-1387 Oct 08 j 07:49	4°♎29'14	0.67439 AU
asc. node	-1387 Oct 09 j 16:07	2°♎40'11	
	-1387 Oct 11 j 18:59	30°℞♍	
morning rise	-1387 Oct 14 j 08:47	27°♍32'11	
direct	-1387 Oct 18 j 05:06	26°♍07'59	
	-1387 Oct 25 j 10:46	0°♎	
morning max el	-1387 Oct 26 j 07:41	0°♎51'17	20°39'18
greatest brilliancy	-1387 Nov 01 j 10:00	8°♎04'55	-0.5m
	-1387 Nov 16 j 14:45	0°♏	
desc. node	-1387 Nov 19 j 07:06	4°♏04'46	
morning set	-1387 Nov 24 j 00:32	11°♏21'46	
max. Earth dist.	-1387 Dec 03 j 09:45	26°♏13'18	1.43129 AU
	-1387 Dec 05 j 17:32	0°♐	
superior conj	-1387 Dec 09 j 21:16	6°♐52'14	-1°-49'-6
minimum elong	-1387 Dec 09 j 16:06	6°♐30'38	1°48'50
evening rise	-1387 Dec 22 j 01:49	27°♐53'53	
	-1387 Dec 23 j 06:22	0°♑	
asc. node	-1386 Jan 05 j 15:22	21°♑47'47	
evening max el	-1386 Jan 08 j 05:31	24°♑46'09	18°08'22
retrograde	-1386 Jan 14 j 19:08	28°♑12'21	
evening set	-1386 Jan 17 j 12:18	27°♑36'27	
inferior conj	-1386 Jan 23 j 23:17	22°♑26'59	3°54'40
minimum elong	-1386 Jan 23 j 22:48	22°♑28'14	3°54'39
min. Earth dist.	-1386 Jan 26 j 20:10	19°♑32'21	0.62171 AU
morning rise	-1386 Jan 30 j 07:04	16°♑32'57	
direct	-1386 Feb 06 j 07:10	13°♑59'18	
desc. node	-1386 Feb 15 j 06:14	17°♑28'23	
morning max el	-1386 Feb 20 j 07:27	21°♑49'00	27°45'35
	-1386 Feb 27 j 12:10	0°♒	
	-1386 Mar 18 j 17:07	0°♓	
morning set	-1386 Mar 25 j 16:01	13°♓28'02	
max. Earth dist.	-1386 Mar 31 j 11:14	25°♓38'24	1.32724 AU
superior conj	-1386 Apr 02 j 03:07	29°♓14'01	0°-15'-36
minimum elong	-1386 Apr 02 j 03:51	29°♓17'57	0°15'27
behind sun begin	-1386 Apr 02 j 02:43	29°♓11'48	
behind sun end	-1386 Apr 02 j 04:59	29°♓24'07	
	-1386 Apr 02 j 11:35	0°♈	
asc. node	-1386 Apr 03 j 14:43	2°♈27'30	
evening rise	-1386 Apr 09 j 03:43	14°♈24'19	
	-1386 Apr 17 j 00:37	0°♉	
evening max el	-1386 May 03 j 23:25	23°♉53'06	24°16'01
	-1386 May 13 j 01:26	0°♊	
desc. node	-1386 May 14 j 05:23	0°♊22'22	
retrograde	-1386 May 17 j 20:45	0°♊52'43	
evening set	-1386 May 22 j 09:00	0°♊07'16	
	-1386 May 22 j 17:33	30°℞♉	
min. Earth dist.	-1386 May 28 j 10:59	27°♉06'53	0.56648 AU
inferior conj	-1386 May 31 j 01:51	25°♉27'53	-4°00'-32
minimum elong	-1386 May 30 j 20:13	25°♉36'49	3°59'31
morning rise	-1386 Jun 08 j 11:20	21°♉24'48	
direct	-1386 Jun 11 j 00:57	21°♉07'07	
morning max el	-1386 Jun 20 j 15:00	25°♉33'52	19°37'02
	-1386 Jun 24 j 14:39	0°♊	
asc. node	-1386 Jun 30 j 14:01	9°♊06'33	
morning set	-1386 Jul 08 j 02:25	23°♊22'52	
	-1386 Jul 11 j 09:10	0°♋	
superior conj	-1386 Jul 16 j 03:52	9°♋34'13	1°47'03
minimum elong	-1386 Jul 16 j 03:05	9°♋30'22	1°47'03
max. Earth dist.	-1386 Jul 22 j 00:56	20°♋51'58	1.37468 AU
evening rise	-1386 Jul 25 j 22:05	27°♋57'05	
	-1386 Jul 27 j 01:48	0°♌	
desc. node	-1386 Aug 10 j 04:45	23°♌00'10	
	-1386 Aug 14 j 23:55	0°♍	
evening max el	-1386 Aug 30 j 17:33	19°♍21'46	25°20'46
retrograde	-1386 Sep 11 j 17:21	26°♍17'12	
evening set	-1386 Sep 17 j 14:17	23°♍48'43	
min. Earth dist.	-1386 Sep 22 j 01:22	18°♍49'30	0.66986 AU
inferior conj	-1386 Sep 23 j 02:19	17°♍28'24	-1°-10'-37
minimum elong	-1386 Sep 23 j 04:03	17°♍22'44	1°09'53
asc. node	-1386 Sep 26 j 13:12	13°♍19'40	
morning rise	-1386 Sep 28 j 18:23	11°♍27'13	
direct	-1386 Oct 02 j 03:20	10°♍21'19	
morning max el	-1386 Oct 09 j 10:36	14°♍31'33	19°34'15
greatest brilliancy	-1386 Oct 18 j 02:57	25°♍35'19	-0.7m
	-1386 Oct 21 j 03:12	0°♎	
morning set	-1386 Nov 02 j 23:29	19°♎39'49	
desc. node	-1386 Nov 06 j 04:08	24°♎37'43	
	-1386 Nov 09 j 14:42	0°♏	
max. Earth dist.	-1386 Nov 15 j 22:41	9°♏58'21	1.44374 AU
superior conj	-1386 Nov 19 j 19:07	16°♏06'37	-1°-21'-7
minimum elong	-1386 Nov 19 j 11:13	15°♏35'02	1°20'20
	-1386 Nov 28 j 08:05	0°♐	
evening rise	-1386 Dec 03 j 21:39	9°♐16'15	
	-1386 Dec 16 j 12:41	0°♑	
evening max el	-1386 Dec 22 j 18:07	8°♑05'35	18°22'29
asc. node	-1386 Dec 23 j 12:26	8°♑50'05	
retrograde	-1386 Dec 29 j 06:55	11°♑39'31	
evening set	-1385 Jan 01 j 04:31	10°♑53'59	
inferior conj	-1385 Jan 07 j 06:08	5°♑24'46	3°42'35
minimum elong	-1385 Jan 07 j 04:03	5°♑30'40	3°42'18
min. Earth dist.	-1385 Jan 09 j 12:12	2°♑51'36	0.63965 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1385 Jan 12 j 08:04	30°℞♐	
morning rise	-1385 Jan 13 j 02:07	29°♐21'26	
direct	-1385 Jan 20 j 00:44	26°♐32'17	
	-1385 Jan 28 j 16:14	0°♑	
desc. node	-1385 Feb 02 j 03:18	3°♑49'37	
morning max el	-1385 Feb 02 j 15:35	4°♑19'49	27°31'32
	-1385 Feb 22 j 01:24	0°♒	
morning set	-1385 Mar 09 j 12:17	27°♒31'57	
	-1385 Mar 10 j 18:01	0°♓	
max. Earth dist.	-1385 Mar 14 j 14:17	7°♓52'48	1.33421 AU
superior conj	-1385 Mar 17 j 09:51	13°♓49'35	0°-41'-49
minimum elong	-1385 Mar 17 j 11:49	13°♓59'59	0°41'27
asc. node	-1385 Mar 21 j 11:46	22°♓34'02	
evening rise	-1385 Mar 24 j 15:12	29°♓14'50	
	-1385 Mar 24 j 23:49	0°♈	
	-1385 Apr 11 j 12:36	0°♉	
evening max el	-1385 Apr 15 j 15:28	4°♉30'45	22°41'06
retrograde	-1385 Apr 28 j 19:13	10°♉59'36	
desc. node	-1385 May 01 j 02:24	10°♉47'56	
evening set	-1385 May 01 j 23:25	10°♉37'32	
min. Earth dist.	-1385 May 10 j 00:16	7°♉07'00	0.55422 AU
inferior conj	-1385 May 11 j 06:29	6°♉23'47	-2°-43'-45
minimum elong	-1385 May 10 j 23:56	6°♉33'10	2°41'49
morning rise	-1385 May 20 j 02:53	2°♉29'04	
direct	-1385 May 22 j 20:29	2°♉11'40	
morning max el	-1385 Jun 03 j 01:51	7°♉25'22	20°52'01
asc. node	-1385 Jun 17 j 11:04	28°♉17'53	
	-1385 Jun 18 j 08:24	0°♊	
morning set	-1385 Jun 22 j 09:09	8°♊03'48	
superior conj	-1385 Jun 29 j 22:53	23°♊44'53	1°39'45
minimum elong	-1385 Jun 29 j 20:53	23°♊34'39	1°39'38
	-1385 Jul 03 j 00:58	0°♋	
max. Earth dist.	-1385 Jul 04 j 09:35	2°♋41'48	1.35734 AU
evening rise	-1385 Jul 08 j 15:36	10°♋52'03	
	-1385 Jul 19 j 14:17	0°♌	
desc. node	-1385 Jul 28 j 01:45	13°♌00'38	
	-1385 Aug 10 j 08:21	0°♍	
evening max el	-1385 Aug 13 j 05:09	2°♍56'59	26°24'32
retrograde	-1385 Aug 25 j 23:30	10°♍08'55	
evening set	-1385 Sep 01 j 10:39	7°♍27'52	
min. Earth dist.	-1385 Sep 05 j 13:49	3°♍06'25	0.66200 AU
inferior conj	-1385 Sep 07 j 02:34	1°♍14'06	-2°-5'-3
minimum elong	-1385 Sep 07 j 05:37	1°♍04'46	2°03'54
	-1385 Sep 08 j 03:03	30°℞♌	
morning rise	-1385 Sep 13 j 01:33	25°♌24'03	
asc. node	-1385 Sep 13 j 10:16	25°♌12'27	
direct	-1385 Sep 16 j 01:28	24°♌32'58	
morning max el	-1385 Sep 22 j 20:04	28°♌19'21	18°44'25
	-1385 Sep 24 j 09:04	0°♍	
morning set	-1385 Oct 13 j 18:36	29°♍02'21	
	-1385 Oct 14 j 09:06	0°♎	
desc. node	-1385 Oct 24 j 01:09	15°♎18'36	
superior conj	-1385 Oct 29 j 21:34	24°♎31'14	0°-37'-19
minimum elong	-1385 Oct 29 j 16:43	24°♎12'08	0°36'43
max. Earth dist.	-1385 Oct 29 j 16:26	24°♎11'02	1.44942 AU
	-1385 Nov 02 j 09:04	0°♏	
evening rise	-1385 Nov 14 j 18:03	19°♏39'13	
	-1385 Nov 21 j 04:56	0°♐	
evening max el	-1385 Dec 06 j 05:01	21°♐30'32	18°54'29
asc. node	-1385 Dec 10 j 09:29	24°♐44'17	
retrograde	-1385 Dec 13 j 00:50	25°♐22'29	
evening set	-1385 Dec 16 j 04:09	24°♐25'50	
inferior conj	-1385 Dec 21 j 22:51	18°♐39'11	3°16'28
minimum elong	-1385 Dec 21 j 20:02	18°♐47'55	3°15'48
min. Earth dist.	-1385 Dec 23 j 13:46	16°♐38'58	0.65404 AU
morning rise	-1385 Dec 27 j 10:56	12°♐29'22	
direct	-1384 Jan 03 j 00:43	9°♐39'40	
morning max el	-1384 Jan 16 j 01:13	17°♐15'47	26°45'51
desc. node	-1384 Jan 20 j 00:23	21°♐32'59	
	-1384 Jan 26 j 17:41	0°♑	
	-1384 Feb 14 j 22:22	0°♒	
morning set	-1384 Feb 20 j 21:47	10°♒58'58	
max. Earth dist.	-1384 Feb 25 j 07:04	19°♒33'29	1.34554 AU
superior conj	-1384 Feb 29 j 11:06	28°♒03'45	-1°-7'-11
minimum elong	-1384 Feb 29 j 14:07	28°♒19'22	1°06'42
	-1384 Mar 01 j 09:27	0°♓	
asc. node	-1384 Mar 07 j 08:47	12°♓31'22	
evening rise	-1384 Mar 08 j 00:41	13°♓53'53	
	-1384 Mar 16 j 08:16	0°♈	
evening max el	-1384 Mar 27 j 14:09	15°♈24'12	21°11'36
retrograde	-1384 Apr 08 j 08:58	21°♈05'48	
evening set	-1384 Apr 10 j 17:57	20°♈52'45	
desc. node	-1384 Apr 16 j 23:27	18°♈34'45	
inferior conj	-1384 Apr 20 j 01:15	16°♈53'50	0°-52'-16
minimum elong	-1384 Apr 19 j 22:47	16°♈57'19	0°51'23
min. Earth dist.	-1384 Apr 20 j 13:26	16°♈36'40	0.55055 AU
morning rise	-1384 Apr 29 j 03:22	12°♈50'29	
direct	-1384 May 02 j 07:26	12°♈28'41	
morning max el	-1384 May 15 j 02:01	18°♈34'54	22°23'46
	-1384 May 24 j 08:01	0°♉	
asc. node	-1384 Jun 03 j 08:06	17°♉53'05	
morning set	-1384 Jun 05 j 19:21	22°♉56'58	
	-1384 Jun 09 j 03:32	0°♊	
superior conj	-1384 Jun 13 j 01:36	8°♊19'44	1°26'39
minimum elong	-1384 Jun 12 j 23:04	8°♊06'25	1°26'22
max. Earth dist.	-1384 Jun 16 j 03:26	14°♊45'38	1.34344 AU
evening rise	-1384 Jun 21 j 00:18	24°♊32'55	
	-1384 Jun 23 j 20:36	0°♋	
	-1384 Jul 12 j 02:41	0°♌	
desc. node	-1384 Jul 13 j 22:45	2°♌32'42	
evening max el	-1384 Jul 25 j 16:50	16°♌23'31	27°08'18
retrograde	-1384 Aug 08 j 00:14	23°♌43'07	
evening set	-1384 Aug 14 j 22:50	20°♌57'15	
min. Earth dist.	-1384 Aug 18 j 18:44	17°♌13'46	0.65046 AU
inferior conj	-1384 Aug 20 j 20:33	14°♌53'31	-2°-56'-48
minimum elong	-1384 Aug 21 j 00:38	14°♌42'02	2°55'30
morning rise	-1384 Aug 27 j 03:55	9°♌17'59	
direct	-1384 Aug 29 j 21:10	8°♌38'20	
asc. node	-1384 Aug 30 j 07:18	8°♌39'18	
morning max el	-1384 Sep 05 j 09:52	12°♌09'50	18°11'09
	-1384 Sep 17 j 20:07	0°♍	
morning set	-1384 Sep 23 j 17:56	9°♍47'51	
	-1384 Oct 06 j 02:50	0°♎	
superior conj	-1384 Oct 08 j 00:58	3°♎04'10	0°12'15
minimum elong	-1384 Oct 08 j 02:29	3°♎10'13	0°12'02
behind sun begin	-1384 Oct 07 j 19:05	2°♎40'46	
behind sun end	-1384 Oct 08 j 09:52	3°♎39'39	
desc. node	-1384 Oct 09 j 22:09	6°♎03'41	
max. Earth dist.	-1384 Oct 11 j 11:12	8°♎30'14	1.44768 AU
evening rise	-1384 Oct 24 j 15:12	29°♎05'18	
	-1384 Oct 25 j 05:17	0°♏	
greatest brilliancy	-1384 Nov 10 j 13:36	24°♏50'50	-0.6m
	-1384 Nov 14 j 07:32	0°♐	
evening max el	-1384 Nov 18 j 12:01	4°♐57'17	19°42'54
retrograde	-1384 Nov 25 j 21:46	9°♐16'08	
asc. node	-1384 Nov 26 j 06:31	9°♐15'23	
evening set	-1384 Nov 29 j 08:34	8°♐06'27	
inferior conj	-1384 Dec 04 j 22:26	2°♐05'30	2°40'17

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1384 Dec 04 j 19:34	2°♐14'56	2°39'23
min. Earth dist.	-1384 Dec 05 j 23:36	0°♐42'49	0.66459 AU
	-1384 Dec 06 j 12:49	30°℞♏	
morning rise	-1384 Dec 10 j 05:53	25°♏51'23	
direct	-1384 Dec 16 j 06:25	23°♏12'40	
	-1384 Dec 28 j 00:14	0°♐	
morning max el	-1384 Dec 28 j 10:24	0°♐25'17	25°36'29
desc. node	-1383 Jan 05 j 21:26	10°♐14'24	
	-1383 Jan 19 j 16:35	0°♑	
morning set	-1383 Feb 02 j 15:59	23°♑35'49	
	-1383 Feb 06 j 02:44	0°♒	
max. Earth dist.	-1383 Feb 06 j 12:14	0°♒44'59	1.36128 AU
superior conj	-1383 Feb 12 j 04:12	11°♒48'43	-1°-30'-4
minimum elong	-1383 Feb 12 j 07:48	12°♒06'42	1°29'38
evening rise	-1383 Feb 20 j 06:09	28°♒15'00	
	-1383 Feb 21 j 02:55	0°♓	
asc. node	-1383 Feb 22 j 05:49	2°♓14'47	
evening max el	-1383 Mar 09 j 23:28	26°♓52'08	19°56'53
	-1383 Mar 14 j 01:38	0°♈	
retrograde	-1383 Mar 20 j 01:40	1°♈41'40	
evening set	-1383 Mar 22 j 05:47	1°♈29'14	
	-1383 Mar 26 j 13:08	30°℞♓	
inferior conj	-1383 Mar 31 j 00:34	27°♓28'31	1°03'58
minimum elong	-1383 Mar 31 j 03:17	27°♓24'22	1°03'03
min. Earth dist.	-1383 Apr 02 j 03:38	26°♓10'40	0.55634 AU
desc. node	-1383 Apr 03 j 20:30	25°♓11'24	
morning rise	-1383 Apr 08 j 21:47	22°♓58'42	
direct	-1383 Apr 12 j 22:55	22°♓22'36	
morning max el	-1383 Apr 26 j 18:54	29°♓15'04	24°03'49
	-1383 Apr 27 j 13:23	0°♈	
	-1383 May 17 j 09:53	0°♉	
morning set	-1383 May 21 j 07:14	7°♉56'44	
asc. node	-1383 May 21 j 05:08	7°♉45'42	
superior conj	-1383 May 28 j 09:22	23°♉10'30	1°09'07
minimum elong	-1383 May 28 j 06:54	22°♉57'13	1°08'44
max. Earth dist.	-1383 May 30 j 06:26	27°♉12'31	1.33339 AU
	-1383 May 31 j 13:57	0°♊	
evening rise	-1383 Jun 04 j 19:59	8°♊47'29	
	-1383 Jun 16 j 06:40	0°♋	
desc. node	-1383 Jun 30 j 19:45	21°♋24'13	
evening max el	-1383 Jul 08 j 03:13	29°♋29'52	27°25'14
	-1383 Jul 08 j 16:00	0°♌	
retrograde	-1383 Jul 21 j 19:19	6°♌51'02	
evening set	-1383 Jul 28 j 23:42	4°♌11'57	
min. Earth dist.	-1383 Aug 01 j 14:24	1°♌02'14	0.63520 AU
	-1383 Aug 02 j 15:12	30°℞♋	
inferior conj	-1383 Aug 04 j 05:44	28°♋21'16	-3°-42'-48
minimum elong	-1383 Aug 04 j 10:09	28°♋10'01	3°41'44
morning rise	-1383 Aug 10 j 22:43	23°♋03'29	
direct	-1383 Aug 13 j 11:40	22°♋32'07	
asc. node	-1383 Aug 17 j 04:21	23°♋39'07	
morning max el	-1383 Aug 20 j 01:21	25°♋57'20	17°55'23
	-1383 Aug 23 j 11:32	0°♌	
morning set	-1383 Sep 05 j 18:39	21°♌46'11	
	-1383 Sep 10 j 12:41	0°♍	
superior conj	-1383 Sep 18 j 01:12	12°♍41'03	0°55'16
minimum elong	-1383 Sep 18 j 06:17	13°♍02'01	0°54'40
max. Earth dist.	-1383 Sep 24 j 03:30	22°♍36'20	1.43888 AU
desc. node	-1383 Sep 26 j 19:09	26°♍49'59	
	-1383 Sep 28 j 19:18	0°♎	
evening rise	-1383 Oct 03 j 22:02	7°♎57'58	
	-1383 Oct 18 j 12:59	0°♏	
greatest brilliancy	-1383 Oct 26 j 18:28	11°♏30'52	-0.5m
evening max el	-1383 Nov 01 j 13:36	18°♏24'26	20°45'31
retrograde	-1383 Nov 09 j 19:18	23°♏16'56	
asc. node	-1383 Nov 13 j 03:33	22°♏13'02	
evening set	-1383 Nov 13 j 15:38	21°♏52'07	
inferior conj	-1383 Nov 19 j 02:26	15°♏40'19	1°56'47
minimum elong	-1383 Nov 19 j 00:03	15°♏48'27	1°55'53
min. Earth dist.	-1383 Nov 19 j 15:28	14°♏55'50	0.67155 AU
morning rise	-1383 Nov 24 j 08:00	9°♏24'13	
direct	-1383 Nov 29 j 17:29	7°♏03'51	
morning max el	-1383 Dec 10 j 18:54	13°♏39'48	24°13'00
desc. node	-1383 Dec 23 j 18:28	29°♏36'41	
	-1383 Dec 24 j 01:12	0°♐	
	-1382 Jan 12 j 13:23	0°♑	
morning set	-1382 Jan 15 j 12:53	5°♑05'12	
max. Earth dist.	-1382 Jan 19 j 08:35	11°♑49'33	1.38073 AU
superior conj	-1382 Jan 26 j 09:38	24°♑54'07	-1°-48'-15
minimum elong	-1382 Jan 26 j 12:51	25°♑09'29	1°48'02
	-1382 Jan 29 j 00:56	0°♒	
evening rise	-1382 Feb 04 j 05:11	12°♒10'22	
asc. node	-1382 Feb 09 j 02:51	21°♒37'56	
	-1382 Feb 13 j 22:02	0°♓	
evening max el	-1382 Feb 20 j 19:26	8°♓56'45	19°00'56
retrograde	-1382 Mar 01 j 08:10	13°♓02'52	
evening set	-1382 Mar 03 j 15:07	12°♓46'22	
inferior conj	-1382 Mar 11 j 16:06	8°♓31'27	2°35'12
minimum elong	-1382 Mar 11 j 20:42	8°♓23'22	2°33'59
min. Earth dist.	-1382 Mar 14 j 19:30	6°♓19'55	0.57033 AU
morning rise	-1382 Mar 19 j 22:11	3°♓29'27	
desc. node	-1382 Mar 21 j 17:34	2°♓52'44	
direct	-1382 Mar 25 j 03:21	2°♓24'53	
morning max el	-1382 Apr 08 j 09:51	9°♓48'02	25°39'00
	-1382 Apr 23 j 16:11	0°♈	
morning set	-1382 May 05 j 19:06	22°♈56'19	
asc. node	-1382 May 08 j 02:10	27°♈49'25	
	-1382 May 09 j 02:21	0°♉	
superior conj	-1382 May 12 j 20:01	8°♉09'03	0°48'10
minimum elong	-1382 May 12 j 18:04	7°♉58'26	0°47'48
max. Earth dist.	-1382 May 13 j 16:02	9°♉58'18	1.32706 AU
evening rise	-1382 May 19 j 23:12	23°♉24'18	
	-1382 May 23 j 05:39	0°♊	
	-1382 Jun 10 j 03:28	0°♋	
desc. node	-1382 Jun 17 j 16:47	9°♋17'50	
evening max el	-1382 Jun 20 j 10:03	12°♋03'39	27°10'36
retrograde	-1382 Jul 04 j 07:50	19°♋22'54	
evening set	-1382 Jul 11 j 09:16	17°♋04'52	
min. Earth dist.	-1382 Jul 15 j 00:03	14°♋18'41	0.61667 AU
inferior conj	-1382 Jul 18 j 02:59	11°♋30'02	-4°-18'-19
minimum elong	-1382 Jul 18 j 06:29	11°♋22'05	4°17'48
morning rise	-1382 Jul 25 j 06:30	6°♋32'42	
direct	-1382 Jul 27 j 17:32	6°♋07'04	
morning max el	-1382 Aug 03 j 15:37	9°♋34'45	17°58'05
asc. node	-1382 Aug 04 j 01:24	9°♋59'14	
	-1382 Aug 17 j 01:15	0°♌	
morning set	-1382 Aug 19 j 14:59	4°♌40'58	
superior conj	-1382 Aug 30 j 05:01	23°♌39'37	1°25'27
minimum elong	-1382 Aug 30 j 09:42	23°♌59'57	1°25'01
	-1382 Sep 02 j 21:43	0°♍	
max. Earth dist.	-1382 Sep 06 j 14:59	6°♍12'49	1.42424 AU
evening rise	-1382 Sep 13 j 08:27	17°♍03'52	
desc. node	-1382 Sep 13 j 16:10	17°♍34'20	
	-1382 Sep 21 j 17:50	0°♎	
greatest brilliancy	-1382 Oct 10 j 14:57	26°♎28'07	-0.4m
	-1382 Oct 13 j 15:09	0°♏	
evening max el	-1382 Oct 15 j 09:24	1°♏52'30	21°59'00
retrograde	-1382 Oct 24 j 15:28	7°♏22'38	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening set	-1382 Oct 28 j 23:32	5°♏40'31	
asc. node	-1382 Oct 31 j 00:36	3°♏41'32	
	-1382 Nov 02 j 21:43	30°℞♎	
inferior conj	-1382 Nov 03 j 08:49	29°♎21'36	1°08'01
minimum elong	-1382 Nov 03 j 07:18	29°♎26'51	1°07'23
min. Earth dist.	-1382 Nov 03 j 10:58	29°♎14'11	0.67518 AU
morning rise	-1382 Nov 08 j 14:51	23°♎06'08	
direct	-1382 Nov 13 j 09:05	21°♎07'36	
morning max el	-1382 Nov 23 j 05:03	26°♎58'16	22°45'33
	-1382 Nov 26 j 00:16	0°♏	
greatest brilliancy	-1382 Nov 27 j 21:47	2°♏14'11	-0.3m
desc. node	-1382 Dec 10 j 15:31	19°♏28'29	
	-1382 Dec 17 j 16:32	0°♐	
morning set	-1382 Dec 27 j 06:32	15°♐12'56	
max. Earth dist.	-1381 Jan 01 j 04:09	23°♐25'47	1.40188 AU
	-1381 Jan 04 j 23:03	0°♑	
superior conj	-1381 Jan 08 j 22:58	7°♑09'20	-1°-58'-34
minimum elong	-1381 Jan 09 j 00:14	7°♑15'05	1°58'35
evening rise	-1381 Jan 18 j 18:57	25°♑33'33	
	-1381 Jan 21 j 03:17	0°♒	
asc. node	-1381 Jan 26 j 23:54	10°♒34'16	
evening max el	-1381 Feb 03 j 23:51	21°♒32'49	18°24'52
retrograde	-1381 Feb 11 j 09:17	25°♒11'16	
evening set	-1381 Feb 13 j 20:35	24°♒48'04	
inferior conj	-1381 Feb 21 j 04:24	20°♒12'34	3°30'16
minimum elong	-1381 Feb 21 j 07:38	20°♒05'55	3°29'45
min. Earth dist.	-1381 Feb 24 j 14:39	17°♒25'27	0.58952 AU
morning rise	-1381 Feb 28 j 15:04	14°♒44'20	
direct	-1381 Mar 06 j 21:03	13°♒02'06	
desc. node	-1381 Mar 08 j 14:38	13°♒09'51	
morning max el	-1381 Mar 21 j 04:17	20°♒40'56	26°54'06
	-1381 Mar 29 j 05:27	0°♓	
	-1381 Apr 16 j 08:48	0°♈	
morning set	-1381 Apr 20 j 05:17	7°♈49'44	
asc. node	-1381 Apr 24 j 23:14	17°♈59'30	
superior conj	-1381 Apr 27 j 07:46	23°♈08'55	0°24'40
minimum elong	-1381 Apr 27 j 06:41	23°♈03'00	0°24'26
max. Earth dist.	-1381 Apr 27 j 04:51	22°♈52'56	1.32431 AU
	-1381 Apr 30 j 10:54	0°♉	
evening rise	-1381 May 04 j 07:20	8°♉14'26	
	-1381 May 15 j 16:58	0°♊	
evening max el	-1381 Jun 02 j 11:07	23°♊55'25	26°23'12
desc. node	-1381 Jun 04 j 13:49	25°♊49'13	
	-1381 Jun 11 j 02:11	0°♋	
retrograde	-1381 Jun 16 j 12:07	1°♋10'46	
	-1381 Jun 21 j 19:19	30°℞♊	
evening set	-1381 Jun 22 j 23:00	29°♊26'31	
min. Earth dist.	-1381 Jun 27 j 00:15	26°♊48'10	0.59627 AU
inferior conj	-1381 Jun 30 j 08:43	24°♊10'33	-4°-35'-51
minimum elong	-1381 Jun 30 j 09:31	24°♊08'57	4°35'49
morning rise	-1381 Jul 07 j 23:28	19°♊35'35	
direct	-1381 Jul 10 j 10:44	19°♊13'46	
morning max el	-1381 Jul 18 j 01:40	22°♊53'59	18°20'19
asc. node	-1381 Jul 21 j 22:29	27°♊24'08	
	-1381 Jul 23 j 17:50	0°♋	
morning set	-1381 Aug 03 j 01:33	18°♋17'44	
	-1381 Aug 09 j 05:37	0°♌	
superior conj	-1381 Aug 12 j 09:26	5°♌51'19	1°42'19
minimum elong	-1381 Aug 12 j 11:56	6°♌02'48	1°42'12
max. Earth dist.	-1381 Aug 19 j 21:15	19°♌09'15	1.40574 AU
evening rise	-1381 Aug 24 j 14:27	27°♌05'13	
	-1381 Aug 26 j 09:11	0°♍	
desc. node	-1381 Aug 31 j 13:11	8°♍12'42	
	-1381 Sep 15 j 10:00	0°♎	
evening max el	-1381 Sep 28 j 00:15	15°♎22'04	23°18'37
retrograde	-1381 Oct 08 j 08:51	21°♎29'39	
evening set	-1381 Oct 13 j 06:33	19°♎28'51	
asc. node	-1381 Oct 17 j 21:40	14°♎08'24	
inferior conj	-1381 Oct 18 j 15:46	13°♎06'28	0°15'36
minimum elong	-1381 Oct 18 j 15:23	13°♎07'44	0°15'26
transit middle	-1381 Oct 18 j 15:23	13°♎07'44	0°15'26
transit begin	-1381 Oct 18 j 14:31	13°♎10'45	
transit end	-1381 Oct 18 j 16:16	13°♎04'43	
min. Earth dist.	-1381 Oct 18 j 07:32	13°♎34'41	0.67563 AU
morning rise	-1381 Oct 24 j 00:16	6°♎54'26	
direct	-1381 Oct 28 j 04:12	5°♎18'07	
morning max el	-1381 Nov 05 j 20:20	10°♎23'43	21°22'33
greatest brilliancy	-1381 Nov 11 j 01:27	16°♎23'46	-0.4m
	-1381 Nov 20 j 23:24	0°♏	
desc. node	-1381 Nov 27 j 12:33	9°♏40'48	
morning set	-1381 Dec 06 j 19:44	24°♏00'13	
	-1381 Dec 10 j 14:07	0°♐	
max. Earth dist.	-1381 Dec 14 j 06:05	5°♐57'37	1.42172 AU
superior conj	-1381 Dec 21 j 14:40	18°♐20'22	-1°-57'-3
minimum elong	-1381 Dec 21 j 12:07	18°♐09'23	1°57'01
	-1381 Dec 28 j 05:50	0°♑	
evening rise	-1380 Jan 01 j 19:47	8°♑16'32	
asc. node	-1380 Jan 13 j 20:57	28°♑55'08	
	-1380 Jan 14 j 15:13	0°♒	
evening max el	-1380 Jan 18 j 09:41	4°♒31'36	18°08'45
retrograde	-1380 Jan 25 j 03:29	7°♒58'21	
evening set	-1380 Jan 27 j 18:35	7°♒27'14	
inferior conj	-1380 Feb 03 j 12:12	2°♒29'38	3°53'02
minimum elong	-1380 Feb 03 j 13:00	2°♒27'45	3°53'00
	-1380 Feb 06 j 03:26	30°℞♑	
min. Earth dist.	-1380 Feb 06 j 16:01	29°♑31'18	0.61026 AU
morning rise	-1380 Feb 10 j 04:44	26°♑43'14	
direct	-1380 Feb 17 j 01:22	24°♑25'36	
desc. node	-1380 Feb 23 j 11:43	26°♑13'40	
	-1380 Feb 28 j 19:50	0°♒	
morning max el	-1380 Mar 02 j 05:02	2°♒12'13	27°37'26
	-1380 Mar 22 j 12:44	0°♓	
morning set	-1380 Apr 03 j 11:57	22°♓30'40	
	-1380 Apr 07 j 01:31	0°♈	
max. Earth dist.	-1380 Apr 09 j 17:10	5°♈43'44	1.32510 AU
superior conj	-1380 Apr 10 j 18:56	8°♈04'19	0°00'-35
minimum elong	-1380 Apr 10 j 18:58	8°♈04'27	0°00'36
behind sun begin	-1380 Apr 10 j 13:55	7°♈36'52	
behind sun end	-1380 Apr 11 j 00:01	8°♈32'03	
asc. node	-1380 Apr 10 j 20:18	8°♈11'47	
evening rise	-1380 Apr 17 j 18:16	23°♈10'24	
	-1380 Apr 21 j 01:41	0°♉	
	-1380 May 09 j 13:15	0°♊	
evening max el	-1380 May 14 j 05:37	5°♊04'21	25°07'48
desc. node	-1380 May 21 j 10:51	10°♊26'04	
retrograde	-1380 May 28 j 06:07	12°♊12'29	
evening set	-1380 Jun 02 j 14:06	11°♊06'53	
min. Earth dist.	-1380 Jun 07 j 17:24	8°♊19'05	0.57639 AU
inferior conj	-1380 Jun 10 j 19:34	6°♊13'24	-4°-24'-41
minimum elong	-1380 Jun 10 j 16:10	6°♊19'13	4°24'19
morning rise	-1380 Jun 18 j 22:09	2°♊00'21	
direct	-1380 Jun 21 j 10:52	1°♊41'20	
morning max el	-1380 Jun 30 j 04:37	5°♊46'30	19°03'06
asc. node	-1380 Jul 07 j 19:34	15°♊39'44	
	-1380 Jul 15 j 16:33	0°♋	
morning set	-1380 Jul 16 j 22:19	2°♋26'10	
superior conj	-1380 Jul 25 j 08:52	19°♋01'22	1°47'57
minimum elong	-1380 Jul 25 j 09:07	19°♋02'36	1°47'58

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1380 Jul 31 j 05:27	0°♌	
max. Earth dist.	-1380 Aug 01 j 00:19	1°♌25'33	1.38580 AU
evening rise	-1380 Aug 04 j 21:51	8°♌19'26	
desc. node	-1380 Aug 17 j 10:11	28°♌41'12	
	-1380 Aug 18 j 06:56	0°♍	
evening max el	-1380 Sep 09 j 12:08	28°♍54'42	24°37'57
	-1380 Sep 10 j 15:19	0°♎	
retrograde	-1380 Sep 20 j 22:26	5°♎35'02	
evening set	-1380 Sep 26 j 10:57	3°♎15'45	
	-1380 Sep 29 j 12:26	30°℞♍	
min. Earth dist.	-1380 Oct 01 j 02:48	27°♍56'00	0.67297 AU
inferior conj	-1380 Oct 01 j 21:32	26°♍53'36	0°-38'-53
minimum elong	-1380 Oct 01 j 22:28	26°♍50'26	0°38'29
asc. node	-1380 Oct 03 j 18:45	24°♍26'44	
morning rise	-1380 Oct 07 j 10:22	20°♍47'49	
direct	-1380 Oct 11 j 01:38	19°♍31'48	
morning max el	-1380 Oct 18 j 19:03	23°♍59'23	20°09'51
	-1380 Oct 23 j 21:45	0°♎	
greatest brilliancy	-1380 Oct 25 j 18:13	2°♎28'09	-0.6m
desc. node	-1380 Nov 13 j 09:34	0°♏07'43	
	-1380 Nov 13 j 07:34	0°♏	
morning set	-1380 Nov 14 j 17:01	2°♏09'08	
max. Earth dist.	-1380 Nov 25 j 15:44	19°♏21'24	1.43742 AU
superior conj	-1380 Dec 01 j 03:53	28°♏16'27	-1°-39'-27
minimum elong	-1380 Nov 30 j 21:04	27°♏48'29	1°38'55
	-1380 Dec 02 j 05:06	0°♐	
evening rise	-1380 Dec 14 j 03:31	20°♐11'07	
	-1380 Dec 19 j 20:07	0°♑	
asc. node	-1380 Dec 30 j 18:00	16°♑29'52	
evening max el	-1380 Dec 31 j 21:59	17°♑45'12	18°12'04
retrograde	-1379 Jan 07 j 10:15	21°♑13'34	
evening set	-1379 Jan 10 j 05:11	20°♑33'41	
inferior conj	-1379 Jan 16 j 11:48	15°♑15'14	3°51'36
minimum elong	-1379 Jan 16 j 10:33	15°♑18'38	3°51'29
min. Earth dist.	-1379 Jan 19 j 02:27	12°♑28'04	0.62971 AU
morning rise	-1379 Jan 22 j 14:03	9°♑16'39	
direct	-1379 Jan 29 j 14:25	6°♑34'52	
desc. node	-1379 Feb 09 j 08:47	11°♑33'40	
morning max el	-1379 Feb 12 j 11:24	14°♑24'26	27°43'59
	-1379 Feb 25 j 03:37	0°♒	
	-1379 Mar 15 j 01:08	0°♓	
morning set	-1379 Mar 18 j 12:47	6°♓50'50	
max. Earth dist.	-1379 Mar 24 j 00:50	18°♓15'35	1.32968 AU
superior conj	-1379 Mar 26 j 03:48	22°♓48'45	0°-26'-45
minimum elong	-1379 Mar 26 j 05:03	22°♓55'30	0°26'30
asc. node	-1379 Mar 28 j 17:20	28°♓21'32	
	-1379 Mar 29 j 11:32	0°♈	
evening rise	-1379 Apr 02 j 06:02	8°♈04'38	
	-1379 Apr 13 j 19:22	0°♉	
evening max el	-1379 Apr 25 j 20:28	15°♉44'22	23°35'44
desc. node	-1379 May 08 j 07:54	22°♉30'44	
retrograde	-1379 May 09 j 12:05	22°♉33'52	
evening set	-1379 May 13 j 10:03	22°♉00'05	
min. Earth dist.	-1379 May 20 j 07:07	18°♉48'27	0.56031 AU
inferior conj	-1379 May 22 j 10:12	17°♉31'53	-3°-33'-18
minimum elong	-1379 May 22 j 03:34	17°♉41'52	3°31'46
morning rise	-1379 May 31 j 00:40	13°♉34'33	
direct	-1379 Jun 02 j 15:33	13°♉17'24	
morning max el	-1379 Jun 12 j 21:51	18°♉02'15	20°06'42
	-1379 Jun 22 j 01:34	0°♊	
asc. node	-1379 Jun 24 j 16:36	4°♊33'10	
morning set	-1379 Jul 01 j 02:04	16°♊56'46	
	-1379 Jul 07 j 11:34	0°♋	
superior conj	-1379 Jul 08 j 21:57	2°♋53'24	1°44'46
minimum elong	-1379 Jul 08 j 20:33	2°♋46'26	1°44'44
max. Earth dist.	-1379 Jul 14 j 04:47	13°♋15'17	1.36689 AU
evening rise	-1379 Jul 18 j 04:15	20°♋40'48	
	-1379 Jul 23 j 10:46	0°♌	
desc. node	-1379 Aug 04 j 07:12	18°♌53'50	
	-1379 Aug 12 j 05:41	0°♍	
evening max el	-1379 Aug 22 j 23:14	12°♍29'20	25°49'44
retrograde	-1379 Sep 04 j 07:36	19°♍33'33	
evening set	-1379 Sep 10 j 10:52	16°♍58'40	
min. Earth dist.	-1379 Sep 14 j 18:24	12°♍15'33	0.66697 AU
inferior conj	-1379 Sep 16 j 00:19	10°♍40'33	-1°-33'-52
minimum elong	-1379 Sep 16 j 02:38	10°♍33'12	1°32'57
asc. node	-1379 Sep 20 j 15:47	5°♍32'59	
morning rise	-1379 Sep 21 j 19:11	4°♍43'58	
direct	-1379 Sep 24 j 23:56	3°♍44'59	
morning max el	-1379 Oct 02 j 01:05	7°♍43'59	19°11'05
	-1379 Oct 17 j 23:58	0°♎	
morning set	-1379 Oct 24 j 22:32	10°♎49'41	
desc. node	-1379 Oct 31 j 06:35	20°♎44'45	
	-1379 Nov 06 j 04:07	0°♏	
max. Earth dist.	-1379 Nov 08 j 06:58	3°♏20'18	1.44702 AU
superior conj	-1379 Nov 10 j 15:43	7°♏04'38	-1°-4'-1
minimum elong	-1379 Nov 10 j 08:21	6°♏35'27	1°03'12
	-1379 Nov 24 j 20:54	0°♐	
evening rise	-1379 Nov 25 j 13:46	1°♐09'18	
	-1379 Dec 14 j 09:03	0°♑	
evening max el	-1379 Dec 15 j 10:05	1°♑07'36	18°33'58
asc. node	-1379 Dec 17 j 15:02	3°♑05'22	
retrograde	-1379 Dec 22 j 01:11	4°♑48'29	
evening set	-1379 Dec 25 j 00:55	3°♑58'35	
	-1379 Dec 29 j 13:23	30°℞♐	
inferior conj	-1379 Dec 30 j 23:19	28°♐21'35	3°32'58
minimum elong	-1379 Dec 30 j 20:49	28°♐28'56	3°32'30
min. Earth dist.	-1378 Jan 01 j 22:52	26°♐01'15	0.64618 AU
morning rise	-1378 Jan 05 j 15:28	22°♐14'54	
direct	-1378 Jan 12 j 10:53	19°♐23'45	
morning max el	-1378 Jan 25 j 20:42	27°♐08'41	27°15'34
desc. node	-1378 Jan 27 j 05:49	28°♐33'44	
	-1378 Jan 28 j 13:41	0°♑	
	-1378 Feb 18 j 18:43	0°♒	
morning set	-1378 Mar 02 j 04:58	20°♒41'07	
	-1378 Mar 06 j 20:40	0°♓	
max. Earth dist.	-1378 Mar 06 j 23:54	0°♓16'34	1.33844 AU
superior conj	-1378 Mar 10 j 08:28	7°♓16'17	0°-52'-47
minimum elong	-1378 Mar 10 j 10:54	7°♓29'08	0°52'20
asc. node	-1378 Mar 15 j 14:22	18°♓24'55	
evening rise	-1378 Mar 17 j 16:53	22°♓51'08	
	-1378 Mar 21 j 04:47	0°♈	
evening max el	-1378 Apr 07 j 14:30	26°♈25'24	22°01'41
	-1378 Apr 12 j 01:51	0°♉	
retrograde	-1378 Apr 20 j 06:21	2°♉36'17	
evening set	-1378 Apr 23 j 00:06	2°♉19'37	
desc. node	-1378 Apr 25 j 04:56	1°♉43'44	
	-1378 Apr 29 j 03:40	30°℞♈	
inferior conj	-1378 May 02 j 09:07	28°♈13'48	-1°-59'-17
minimum elong	-1378 May 02 j 03:48	28°♈21'17	1°57'32
min. Earth dist.	-1378 May 01 j 20:27	28°♈31'38	0.55146 AU
morning rise	-1378 May 11 j 08:55	24°♈17'36	
direct	-1378 May 14 j 05:33	23°♈59'18	
morning max el	-1378 May 26 j 04:06	29°♈35'48	21°29'24
	-1378 May 26 j 14:20	0°♉	
asc. node	-1378 Jun 11 j 13:39	23°♉55'13	
	-1378 Jun 14 j 14:27	0°♊	
morning set	-1378 Jun 15 j 10:28	1°♊43'01	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1378 Jun 22 j 20:35	17°♊15'18	1°34'49
minimum elong	-1378 Jun 22 j 18:17	17°♊03'21	1°34'37
max. Earth dist.	-1378 Jun 26 j 16:40	25°♊06'38	1.35092 AU
	-1378 Jun 29 j 03:47	0°♋	
evening rise	-1378 Jul 01 j 04:47	3°♋56'41	
	-1378 Jul 16 j 06:58	0°♌	
desc. node	-1378 Jul 22 j 04:13	8°♌43'19	
evening max el	-1378 Aug 05 j 10:50	26°♌01'32	26°46'04
	-1378 Aug 10 j 03:08	0°♍	
retrograde	-1378 Aug 18 j 11:44	3°♍18'33	
evening set	-1378 Aug 25 j 04:06	0°♍34'14	
	-1378 Aug 25 j 19:55	30°℞♌	
min. Earth dist.	-1378 Aug 29 j 03:59	26°♌29'00	0.65747 AU
inferior conj	-1378 Aug 30 j 22:11	24°♌24'01	-2°-27'-31
minimum elong	-1378 Aug 31 j 01:44	24°♌13'31	2°26'16
morning rise	-1378 Sep 06 j 00:34	18°♌39'41	
asc. node	-1378 Sep 07 j 12:50	18°♌04'14	
direct	-1378 Sep 08 j 21:14	17°♌54'02	
morning max el	-1378 Sep 15 j 12:42	21°♌33'28	18°28'10
	-1378 Sep 22 j 02:54	0°♍	
morning set	-1378 Oct 05 j 05:30	20°♍47'16	
	-1378 Oct 10 j 22:42	0°♎	
desc. node	-1378 Oct 18 j 03:36	11°♎27'49	
superior conj	-1378 Oct 20 j 15:47	15°♎25'18	0°-16'-13
minimum elong	-1378 Oct 20 j 13:38	15°♎16'50	0°15'57
behind sun begin	-1378 Oct 20 j 11:19	15°♎07'44	
behind sun end	-1378 Oct 20 j 15:57	15°♎25'57	
max. Earth dist.	-1378 Oct 22 j 01:03	17°♎36'18	1.44954 AU
	-1378 Oct 29 j 22:25	0°♏	
evening rise	-1378 Nov 05 j 23:50	11°♏06'34	
	-1378 Nov 18 j 01:09	0°♐	
greatest brilliancy	-1378 Nov 18 j 10:11	0°♐34'27	-0.7m
evening max el	-1378 Nov 28 j 19:36	14°♐33'54	19°13'13
asc. node	-1378 Dec 04 j 12:04	18°♐26'01	
retrograde	-1378 Dec 05 j 20:39	18°♐36'20	
evening set	-1378 Dec 09 j 02:51	17°♐34'34	
inferior conj	-1378 Dec 14 j 19:17	11°♐41'42	3°02'08
minimum elong	-1378 Dec 14 j 16:22	11°♐51'00	3°01'21
min. Earth dist.	-1378 Dec 16 j 04:16	9°♐56'50	0.65901 AU
morning rise	-1378 Dec 20 j 05:01	5°♐29'42	
direct	-1378 Dec 26 j 13:38	2°♐43'09	
morning max el	-1377 Jan 08 j 06:10	10°♐11'23	26°18'33
desc. node	-1377 Jan 14 j 02:51	16°♐44'12	
	-1377 Jan 23 j 23:53	0°♑	
	-1377 Feb 11 j 07:08	0°♒	
morning set	-1377 Feb 13 j 08:34	3°♒48'31	
max. Earth dist.	-1377 Feb 17 j 11:17	11°♒41'16	1.35171 AU
superior conj	-1377 Feb 22 j 06:36	21°♒19'01	-1°-17'-20
minimum elong	-1377 Feb 22 j 09:56	21°♒36'06	1°16'50
	-1377 Feb 26 j 11:26	0°♓	
evening rise	-1377 Mar 02 j 00:53	7°♓22'54	
asc. node	-1377 Mar 02 j 11:24	8°♓16'48	
	-1377 Mar 14 j 12:00	0°♈	
evening max el	-1377 Mar 20 j 17:36	7°♈32'33	20°37'42
retrograde	-1377 Mar 31 j 19:24	12°♈51'06	
evening set	-1377 Apr 03 j 00:46	12°♈39'08	
inferior conj	-1377 Apr 12 j 04:00	8°♈41'52	0°-1'-26
minimum elong	-1377 Apr 12 j 03:56	8°♈41'57	0°01'25
transit middle	-1377 Apr 12 j 03:56	8°♈41'57	0°01'25
transit begin	-1377 Apr 11 j 23:53	8°♈47'48	
transit end	-1377 Apr 12 j 07:59	8°♈36'07	
desc. node	-1377 Apr 12 j 01:58	8°♈44'48	
min. Earth dist.	-1377 Apr 13 j 10:13	7°♈58'17	0.55191 AU
morning rise	-1377 Apr 21 j 05:25	4°♈28'36	
direct	-1377 Apr 24 j 17:20	4°♈02'03	
morning max el	-1377 May 08 j 00:28	10°♈30'03	23°05'58
	-1377 May 22 j 07:57	0°♉	
asc. node	-1377 May 29 j 10:41	13°♉38'27	
morning set	-1377 May 30 j 21:34	16°♉39'19	
	-1377 Jun 06 j 03:43	0°♊	
superior conj	-1377 Jun 07 j 01:43	1°♊57'34	1°19'41
minimum elong	-1377 Jun 06 j 23:09	1°♊43'55	1°19'21
max. Earth dist.	-1377 Jun 09 j 14:33	7°♊19'44	1.33870 AU
evening rise	-1377 Jun 14 j 18:38	17°♊53'27	
	-1377 Jun 21 j 04:01	0°♋	
desc. node	-1377 Jul 09 j 01:14	27°♋59'52	
	-1377 Jul 10 j 14:22	0°♌	
evening max el	-1377 Jul 18 j 22:25	9°♌21'49	27°19'18
retrograde	-1377 Aug 01 j 10:12	16°♌42'29	
evening set	-1377 Aug 08 j 11:55	13°♌58'16	
min. Earth dist.	-1377 Aug 12 j 05:21	10°♌29'38	0.64433 AU
inferior conj	-1377 Aug 14 j 12:49	7°♌59'39	-3°-17'-18
minimum elong	-1377 Aug 14 j 17:09	7°♌47'55	3°16'03
morning rise	-1377 Aug 21 j 00:06	2°♌30'58	
direct	-1377 Aug 23 j 15:13	1°♌55'09	
asc. node	-1377 Aug 25 j 09:53	2°♌11'36	
morning max el	-1377 Aug 30 j 03:30	5°♌23'12	18°02'16
	-1377 Sep 15 j 10:35	0°♍	
morning set	-1377 Sep 16 j 16:24	2°♍06'23	
superior conj	-1377 Sep 30 j 02:20	24°♍20'52	0°31'49
minimum elong	-1377 Sep 30 j 05:55	24°♍35'18	0°31'21
	-1377 Oct 03 j 14:54	0°♎	
max. Earth dist.	-1377 Oct 04 j 19:11	1°♎52'28	1.44476 AU
desc. node	-1377 Oct 05 j 00:37	2°♎14'01	
evening rise	-1377 Oct 16 j 13:15	20°♎14'34	
	-1377 Oct 22 j 21:49	0°♏	
greatest brilliancy	-1377 Nov 05 j 04:14	19°♏35'01	-0.6m
evening max el	-1377 Nov 12 j 00:35	28°♏01'48	20°07'58
	-1377 Nov 14 j 03:01	0°♐	
retrograde	-1377 Nov 19 j 18:00	2°♐33'45	
asc. node	-1377 Nov 21 j 09:06	2°♐18'31	
evening set	-1377 Nov 23 j 08:40	1°♐17'53	
	-1377 Nov 24 j 21:39	30°℞♏	
inferior conj	-1377 Nov 28 j 21:03	25°♏12'06	2°22'34
minimum elong	-1377 Nov 28 j 18:19	25°♏21'12	2°21'39
min. Earth dist.	-1377 Nov 29 j 16:53	24°♏05'42	0.66807 AU
morning rise	-1377 Dec 04 j 03:25	18°♏57'05	
direct	-1377 Dec 09 j 21:49	16°♏25'20	
morning max el	-1377 Dec 21 j 14:45	23°♏23'03	25°01'59
	-1377 Dec 27 j 12:07	0°♐	
desc. node	-1377 Dec 31 j 23:54	5°♐44'45	
	-1376 Jan 17 j 08:56	0°♑	
morning set	-1376 Jan 26 j 18:28	15°♑58'27	
max. Earth dist.	-1376 Jan 30 j 11:53	22°♑45'11	1.36929 AU
	-1376 Feb 03 j 07:55	0°♒	
superior conj	-1376 Feb 05 j 19:15	4°♒48'38	-1°-38'-31
minimum elong	-1376 Feb 05 j 22:50	5°♒06'15	1°38'11
evening rise	-1376 Feb 14 j 03:56	21°♒33'51	
asc. node	-1376 Feb 17 j 08:26	27°♒52'15	
	-1376 Feb 18 j 11:00	0°♓	
evening max el	-1376 Mar 02 j 07:40	19°♓16'22	19°30'35
retrograde	-1376 Mar 11 j 16:35	23°♓45'20	
evening set	-1376 Mar 13 j 21:42	23°♓31'27	
inferior conj	-1376 Mar 22 j 09:06	19°♓25'45	1°46'54
minimum elong	-1376 Mar 22 j 13:07	19°♓19'17	1°45'39
min. Earth dist.	-1376 Mar 25 j 00:43	17°♓43'42	0.56152 AU
desc. node	-1376 Mar 28 j 23:02	15°♓32'38	
morning rise	-1376 Mar 31 j 00:55	14°♓42'31	
direct	-1376 Apr 04 j 13:57	13°♓55'55	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning max el	-1376 Apr 18 j 15:33	21°♓02'43	24°45'52
	-1376 Apr 26 j 08:51	0°♈	
	-1376 May 13 j 14:37	0°♉	
morning set	-1376 May 14 j 09:39	1°♉39'35	
asc. node	-1376 May 15 j 07:44	3°♉36'20	
superior conj	-1376 May 21 j 10:55	16°♉52'06	1°00'35
minimum elong	-1376 May 21 j 08:38	16°♉39'40	1°00'11
max. Earth dist.	-1376 May 22 j 20:58	19°♉56'30	1.33028 AU
	-1376 May 27 j 14:54	0°♊	
evening rise	-1376 May 28 j 17:53	2°♊18'34	
	-1376 Jun 13 j 00:52	0°♋	
desc. node	-1376 Jun 24 j 22:16	16°♋29'09	
evening max el	-1376 Jun 30 j 07:48	22°♋16'14	27°23'09
retrograde	-1376 Jul 14 j 02:18	29°♋35'56	
evening set	-1376 Jul 21 j 06:47	27°♋04'16	
min. Earth dist.	-1376 Jul 24 j 20:44	24°♋06'11	0.62765 AU
inferior conj	-1376 Jul 27 j 17:21	21°♋20'19	-3°-59'-34
minimum elong	-1376 Jul 27 j 21:34	21°♋10'04	3°58'42
morning rise	-1376 Aug 03 j 14:41	16°♋10'45	
direct	-1376 Aug 06 j 02:41	15°♋41'56	
asc. node	-1376 Aug 11 j 06:57	17°♋47'11	
morning max el	-1376 Aug 12 j 18:47	19°♋06'51	17°54'16
	-1376 Aug 20 j 17:49	0°♌	
morning set	-1376 Aug 29 j 02:12	14°♌30'43	
	-1376 Sep 06 j 22:16	0°♍	
superior conj	-1376 Sep 09 j 14:11	4°♍31'46	1°09'47
minimum elong	-1376 Sep 09 j 19:28	4°♍54'02	1°09'11
max. Earth dist.	-1376 Sep 16 j 10:15	15°♍49'48	1.43329 AU
desc. node	-1376 Sep 20 j 21:38	22°♍59'41	
evening rise	-1376 Sep 24 j 19:15	29°♍06'40	
	-1376 Sep 25 j 09:00	0°♎	
	-1376 Oct 15 j 16:20	0°♏	
greatest brilliancy	-1376 Oct 19 j 18:29	5°♏25'22	-0.4m
evening max el	-1376 Oct 24 j 23:46	11°♏29'22	21°15'40
retrograde	-1376 Nov 02 j 15:09	16°♏37'11	
evening set	-1376 Nov 06 j 16:21	15°♏05'00	
asc. node	-1376 Nov 07 j 06:09	14°♏36'44	
inferior conj	-1376 Nov 12 j 02:18	8°♏49'42	1°36'38
minimum elong	-1376 Nov 12 j 00:15	8°♏56'47	1°35'50
min. Earth dist.	-1376 Nov 12 j 10:31	8°♏21'27	0.67351 AU
morning rise	-1376 Nov 17 j 07:50	2°♏33'48	
direct	-1376 Nov 22 j 10:46	0°♏22'42	
morning max el	-1376 Dec 02 j 23:39	6°♏39'20	23°35'50
desc. node	-1376 Dec 17 j 20:58	25°♏20'46	
	-1376 Dec 21 j 02:31	0°♐	
morning set	-1375 Jan 07 j 04:30	26°♐54'53	
	-1375 Jan 08 j 23:53	0°♑	
max. Earth dist.	-1375 Jan 11 j 07:32	4°♑01'58	1.38973 AU
superior conj	-1375 Jan 18 j 18:32	17°♑34'48	-1°-53'-47
minimum elong	-1375 Jan 18 j 21:09	17°♑47'04	1°53'42
	-1375 Jan 25 j 06:15	0°♒	
evening rise	-1375 Jan 27 j 23:30	5°♒17'15	
asc. node	-1375 Feb 03 j 05:29	17°♒05'19	
	-1375 Feb 11 j 19:05	0°♓	
evening max el	-1375 Feb 13 j 07:34	1°♓35'38	18°43'03
retrograde	-1375 Feb 21 j 07:19	5°♓28'19	
evening set	-1375 Feb 23 j 16:07	5°♓09'10	
inferior conj	-1375 Mar 03 j 09:28	0°♓45'31	3°02'56
minimum elong	-1375 Mar 03 j 13:45	0°♓37'26	3°02'00
	-1375 Mar 04 j 09:35	30°♑℞♒	
min. Earth dist.	-1375 Mar 06 j 17:33	28°♒16'21	0.57807 AU
morning rise	-1375 Mar 11 j 07:26	25°♒31'19	
desc. node	-1375 Mar 15 j 20:06	24°♒14'58	
direct	-1375 Mar 16 j 23:53	24°♒11'38	
	-1375 Mar 29 j 11:10	0°♓	
morning max el	-1375 Mar 31 j 07:41	1°♓42'23	26°14'18
	-1375 Apr 20 j 09:28	0°♈	
morning set	-1375 Apr 28 j 21:05	16°♈38'08	
asc. node	-1375 May 02 j 04:49	23°♈43'49	
	-1375 May 05 j 01:46	0°♉	
superior conj	-1375 May 05 j 22:17	1°♉52'25	0°38'28
minimum elong	-1375 May 05 j 20:40	1°♉43'35	0°38'09
max. Earth dist.	-1375 May 06 j 08:37	2°♉49'01	1.32548 AU
evening rise	-1375 May 12 j 23:32	17°♉02'27	
	-1375 May 19 j 12:32	0°♊	
	-1375 Jun 08 j 04:56	0°♋	
desc. node	-1375 Jun 11 j 19:17	3°♋51'18	
evening max el	-1375 Jun 12 j 12:17	4°♋32'31	26°54'12
retrograde	-1375 Jun 26 j 11:23	11°♋50'17	
evening set	-1375 Jul 03 j 08:26	9°♋44'59	
min. Earth dist.	-1375 Jul 07 j 01:55	7°♋04'39	0.60817 AU
inferior conj	-1375 Jul 10 j 08:26	4°♋18'00	-4°-28'-31
minimum elong	-1375 Jul 10 j 11:02	4°♋12'27	4°28'15
	-1375 Jul 16 j 10:24	30°♑℞♊	
morning rise	-1375 Jul 17 j 16:42	29°♊30'20	
direct	-1375 Jul 20 j 03:42	29°♊06'27	
	-1375 Jul 23 j 17:58	0°♋	
morning max el	-1375 Jul 27 j 07:40	2°♋37'42	18°05'07
asc. node	-1375 Jul 29 j 04:02	4°♋36'39	
morning set	-1375 Aug 12 j 05:06	27°♋44'22	
	-1375 Aug 13 j 10:16	0°♌	
superior conj	-1375 Aug 22 j 05:06	16°♌03'08	1°34'08
minimum elong	-1375 Aug 22 j 08:57	16°♌20'14	1°33'51
max. Earth dist.	-1375 Aug 29 j 19:32	29°♌10'12	1.41669 AU
	-1375 Aug 30 j 07:28	0°♍	
evening rise	-1375 Sep 04 j 12:27	8°♍31'17	
desc. node	-1375 Sep 07 j 18:39	13°♍41'35	
	-1375 Sep 18 j 13:00	0°♎	
greatest brilliancy	-1375 Oct 02 j 22:07	19°♎34'09	-0.3m
evening max el	-1375 Oct 07 j 17:06	24°♎56'44	22°32'27
	-1375 Oct 14 j 07:42	0°♏	
retrograde	-1375 Oct 17 j 10:24	0°♏43'32	
	-1375 Oct 20 j 07:59	30°♑℞♎	
evening set	-1375 Oct 22 j 00:05	28°♎53'21	
asc. node	-1375 Oct 25 j 03:13	25°♎33'34	
inferior conj	-1375 Oct 27 j 09:08	22°♎32'13	0°46'08
minimum elong	-1375 Oct 27 j 08:05	22°♎35'53	0°45'41
min. Earth dist.	-1375 Oct 27 j 06:45	22°♎40'27	0.67569 AU
morning rise	-1375 Nov 01 j 15:59	16°♎17'55	
direct	-1375 Nov 06 j 03:50	14°♎29'11	
morning max el	-1375 Nov 15 j 11:45	20°♎00'33	22°09'22
greatest brilliancy	-1375 Nov 20 j 04:42	25°♎19'03	-0.4m
	-1375 Nov 23 j 20:43	0°♏	
desc. node	-1375 Dec 04 j 18:00	15°♏21'43	
	-1375 Dec 14 j 08:26	0°♐	
morning set	-1375 Dec 18 j 09:39	6°♐26'34	
max. Earth dist.	-1375 Dec 24 j 05:18	16°♐00'33	1.41057 AU
superior conj	-1375 Dec 31 j 23:20	29°♐23'55	-1°-59'-39
minimum elong	-1375 Dec 31 j 23:12	29°♐23'17	1°59'41
	-1374 Jan 01 j 07:27	0°♑	
evening rise	-1374 Jan 11 j 08:17	18°♑24'30	
	-1374 Jan 17 j 16:07	0°♒	
asc. node	-1374 Jan 21 j 02:32	5°♒47'50	
evening max el	-1374 Jan 27 j 14:37	14°♒22'13	18°15'35
retrograde	-1374 Feb 03 j 16:18	17°♒54'15	
evening set	-1374 Feb 06 j 05:06	17°♒27'58	
inferior conj	-1374 Feb 13 j 06:29	12°♒43'08	3°43'24
minimum elong	-1374 Feb 13 j 08:42	12°♒38'17	3°43'09

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

min. Earth dist.	-1374 Feb 16 j 15:14	9°♒48'00	0.59827 AU
morning rise	-1374 Feb 20 j 09:01	7°♒05'53	
direct	-1374 Feb 26 j 22:25	5°♒07'38	
desc. node	-1374 Mar 02 j 17:10	5°♒44'55	
morning max el	-1374 Mar 13 j 04:56	12°♒51'20	27°16'52
	-1374 Mar 26 j 18:59	0°♓	
	-1374 Apr 12 j 13:08	0°♈	
morning set	-1374 Apr 13 j 06:02	1°♈27'18	
asc. node	-1374 Apr 19 j 01:52	13°♈55'21	
superior conj	-1374 Apr 20 j 10:00	16°♈51'13	0°14'07
minimum elong	-1374 Apr 20 j 09:22	16°♈47'45	0°14'00
behind sun begin	-1374 Apr 20 j 07:02	16°♈34'55	
behind sun end	-1374 Apr 20 j 11:43	17°♈00'34	
max. Earth dist.	-1374 Apr 19 j 21:36	15°♈43'14	1.32419 AU
	-1374 Apr 26 j 11:13	0°♉	
evening rise	-1374 Apr 27 j 09:05	1°♉55'41	
	-1374 May 12 j 15:47	0°♊	
evening max el	-1374 May 25 j 10:12	16°♊04'21	25°53'54
desc. node	-1374 May 29 j 16:19	19°♊38'09	
retrograde	-1374 Jun 08 j 11:55	23°♊18'18	
evening set	-1374 Jun 14 j 12:41	21°♊50'21	
min. Earth dist.	-1374 Jun 18 j 22:45	19°♊09'56	0.58757 AU
inferior conj	-1374 Jun 22 j 06:26	16°♊43'06	-4°-35'-20
minimum elong	-1374 Jun 22 j 05:33	16°♊44'44	4°35'19
morning rise	-1374 Jun 30 j 02:13	12°♊18'03	
direct	-1374 Jul 02 j 13:50	11°♊57'41	
morning max el	-1374 Jul 10 j 15:07	15°♊46'54	18°35'58
asc. node	-1374 Jul 16 j 01:06	22°♊24'33	
	-1374 Jul 20 j 16:11	0°♋	
morning set	-1374 Jul 26 j 20:24	11°♋35'13	
superior conj	-1374 Aug 04 j 18:18	28°♋41'31	1°45'55
minimum elong	-1374 Aug 04 j 19:48	28°♋48'33	1°45'54
	-1374 Aug 05 j 11:07	0°♌	
max. Earth dist.	-1374 Aug 11 j 23:22	11°♌45'59	1.39723 AU
evening rise	-1374 Aug 16 j 05:07	19°♌02'53	
	-1374 Aug 22 j 22:10	0°♍	
desc. node	-1374 Aug 25 j 15:39	4°♍16'05	
	-1374 Sep 12 j 20:26	0°♎	
evening max el	-1374 Sep 20 j 06:15	8°♎26'54	23°52'53
retrograde	-1374 Oct 01 j 02:23	14°♎50'04	
evening set	-1374 Oct 06 j 06:11	12°♎41'22	
min. Earth dist.	-1374 Oct 11 j 03:10	7°♎01'18	0.67479 AU
inferior conj	-1374 Oct 11 j 15:47	6°♎18'23	0°-7'-19
minimum elong	-1374 Oct 11 j 15:57	6°♎17'48	0°07'16
transit middle	-1374 Oct 11 j 15:57	6°♎17'48	0°07'16
transit begin	-1374 Oct 11 j 13:31	6°♎26'04	
transit end	-1374 Oct 11 j 18:23	6°♎09'31	
asc. node	-1374 Oct 12 j 00:16	5°♎49'32	
morning rise	-1374 Oct 17 j 01:54	0°♎08'25	
	-1374 Oct 17 j 06:31	30°℞♍	
direct	-1374 Oct 21 j 00:07	28°♍41'08	
	-1374 Oct 25 j 01:00	0°♎	
morning max el	-1374 Oct 29 j 06:02	3°♎30'03	20°50'06
greatest brilliancy	-1374 Nov 04 j 02:13	10°♎22'06	-0.5m
	-1374 Nov 17 j 20:51	0°♏	
desc. node	-1374 Nov 21 j 15:01	5°♏40'43	
morning set	-1374 Nov 27 j 13:34	14°♏49'43	
max. Earth dist.	-1374 Dec 06 j 09:57	28°♏53'27	1.42894 AU
	-1374 Dec 07 j 02:20	0°♐	
superior conj	-1374 Dec 13 j 04:13	10°♐03'55	-1°-51'-47
minimum elong	-1374 Dec 12 j 23:43	9°♐44'59	1°51'34
	-1374 Dec 24 j 15:40	0°♑	
evening rise	-1374 Dec 25 j 02:24	0°♑47'47	
asc. node	-1373 Jan 07 j 23:34	23°♑50'39	
evening max el	-1373 Jan 11 j 01:54	27°♑28'29	18°07'53
	-1373 Jan 14 j 08:08	0°♒	
retrograde	-1373 Jan 17 j 16:15	0°♒54'17	
evening set	-1373 Jan 20 j 08:54	0°♒19'38	
	-1373 Jan 21 j 01:35	30°℞♑	
inferior conj	-1373 Jan 26 j 21:30	25°♑13'19	3°54'55
minimum elong	-1373 Jan 26 j 21:20	25°♑13'45	3°54'53
min. Earth dist.	-1373 Jan 29 j 20:24	22°♑16'59	0.61882 AU
morning rise	-1373 Feb 02 j 07:26	19°♑21'08	
direct	-1373 Feb 09 j 07:03	16°♑51'07	
desc. node	-1373 Feb 17 j 14:13	19°♑50'52	
morning max el	-1373 Feb 23 j 08:12	24°♑40'09	27°44'36
	-1373 Feb 28 j 05:19	0°♒	
	-1373 Mar 20 j 02:44	0°♓	
morning set	-1373 Mar 28 j 10:30	16°♓00'14	
max. Earth dist.	-1373 Apr 03 j 08:13	28°♓26'28	1.32657 AU
	-1373 Apr 04 j 01:30	0°♈	
superior conj	-1373 Apr 04 j 20:25	1°♈42'43	0°-11'-38
minimum elong	-1373 Apr 04 j 20:58	1°♈45'39	0°11'31
behind sun begin	-1373 Apr 04 j 17:26	1°♈26'25	
behind sun end	-1373 Apr 05 j 00:30	2°♈04'54	
asc. node	-1373 Apr 05 j 22:55	4°♈06'54	
evening rise	-1373 Apr 11 j 20:35	16°♈51'29	
	-1373 Apr 18 j 09:42	0°♉	
evening max el	-1373 May 07 j 02:37	26°♉58'25	24°29'49
	-1373 May 10 j 15:38	0°♊	
desc. node	-1373 May 16 j 13:22	3°♊14'16	
retrograde	-1373 May 21 j 01:10	4°♊00'30	
evening set	-1373 May 25 j 18:34	3°♊10'18	
min. Earth dist.	-1373 May 31 j 14:18	0°♊13'32	0.56889 AU
	-1373 May 31 j 22:56	30°℞♉	
inferior conj	-1373 Jun 03 j 08:36	28°♉27'14	-4°-8'-20
minimum elong	-1373 Jun 03 j 03:28	28°♉35'31	4°07'31
morning rise	-1373 Jun 11 j 16:16	24°♉21'42	
direct	-1373 Jun 14 j 05:38	24°♉03'42	
morning max el	-1373 Jun 23 j 14:10	28°♉24'32	19°27'34
	-1373 Jun 25 j 04:05	0°♊	
asc. node	-1373 Jul 02 j 22:10	10°♊57'23	
morning set	-1373 Jul 10 j 20:27	25°♊53'38	
	-1373 Jul 12 j 21:35	0°♋	
superior conj	-1373 Jul 19 j 00:04	12°♋10'33	1°47'32
minimum elong	-1373 Jul 18 j 23:32	12°♋07'57	1°47'33
max. Earth dist.	-1373 Jul 25 j 02:07	23°♋47'07	1.37751 AU
evening rise	-1373 Jul 28 j 22:51	0°♌47'02	
	-1373 Jul 28 j 12:16	0°♌	
desc. node	-1373 Aug 12 j 12:39	24°♌38'19	
	-1373 Aug 16 j 03:47	0°♍	
evening max el	-1373 Sep 02 j 17:41	22°♍00'53	25°10'01
retrograde	-1373 Sep 14 j 14:06	28°♍52'30	
evening set	-1373 Sep 20 j 08:52	26°♍26'23	
min. Earth dist.	-1373 Sep 24 j 21:13	21°♍21'44	0.67080 AU
inferior conj	-1373 Sep 25 j 20:29	20°♍05'32	-1°-2'-15
minimum elong	-1373 Sep 25 j 22:01	20°♍00'31	1°01'37
asc. node	-1373 Sep 28 j 21:20	16°♍21'34	
morning rise	-1373 Oct 01 j 11:40	14°♍03'02	
direct	-1373 Oct 04 j 22:13	12°♍54'32	
morning max el	-1373 Oct 12 j 07:50	17°♍08'52	19°42'58
greatest brilliancy	-1373 Oct 20 j 11:26	27°♍23'57	-0.6m
	-1373 Oct 22 j 06:54	0°♎	
morning set	-1373 Nov 06 j 11:11	23°♎02'34	
desc. node	-1373 Nov 08 j 12:01	26°♎11'55	
	-1373 Nov 10 j 22:36	0°♏	
max. Earth dist.	-1373 Nov 18 j 22:10	12°♏33'33	1.44234 AU
superior conj	-1373 Nov 23 j 05:51	19°♏28'10	-1°-26'-29

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1373 Nov 22 j 22:03	18°♏56'48	1°25'46
	-1373 Nov 29 j 16:51	0°♐	
evening rise	-1373 Dec 07 j 01:22	12°♐18'07	
	-1373 Dec 17 j 15:57	0°♑	
evening max el	-1373 Dec 25 j 14:28	10°♑46'13	18°19'15
asc. node	-1373 Dec 25 j 20:36	11°♑01'32	
retrograde	-1372 Jan 01 j 02:49	14°♑18'16	
evening set	-1372 Jan 03 j 23:45	13°♑34'11	
inferior conj	-1372 Jan 10 j 02:34	8°♑07'38	3°45'26
minimum elong	-1372 Jan 10 j 00:40	8°♑12'55	3°45'11
min. Earth dist.	-1372 Jan 12 j 10:51	5°♑30'31	0.63718 AU
morning rise	-1372 Jan 16 j 00:03	2°♑05'32	
	-1372 Jan 19 j 10:41	30°℞♐	
direct	-1372 Jan 22 j 23:24	29°♐17'52	
	-1372 Jan 26 j 17:00	0°♑	
desc. node	-1372 Feb 04 j 11:15	5°♑56'44	
morning max el	-1372 Feb 05 j 15:54	7°♑05'56	27°35'53
	-1372 Feb 23 j 06:42	0°♒	
morning set	-1372 Mar 11 j 08:03	0°♓08'36	
	-1372 Mar 11 j 06:19	0°♓	
max. Earth dist.	-1372 Mar 16 j 12:38	10°♓45'58	1.33288 AU
superior conj	-1372 Mar 19 j 03:46	16°♓20'50	0°-37'-52
minimum elong	-1372 Mar 19 j 05:33	16°♓30'18	0°37'31
asc. node	-1372 Mar 22 j 19:57	24°♓14'29	
	-1372 Mar 25 j 12:36	0°♈	
evening rise	-1372 Mar 26 j 08:11	1°♈43'21	
	-1372 Apr 11 j 05:44	0°♉	
evening max el	-1372 Apr 17 j 18:12	7°♉36'10	22°55'13
retrograde	-1372 May 01 j 01:24	14°♉10'51	
desc. node	-1372 May 02 j 10:25	14°♉06'38	
evening set	-1372 May 04 j 09:59	13°♉46'11	
min. Earth dist.	-1372 May 12 j 03:35	10°♉21'04	0.55555 AU
inferior conj	-1372 May 13 j 15:40	9°♉29'00	-2°-58'-9
minimum elong	-1372 May 13 j 08:55	9°♉38'47	2°56'16
morning rise	-1372 May 22 j 10:38	5°♉34'10	
direct	-1372 May 25 j 03:28	5°♉16'54	
morning max el	-1372 Jun 05 j 02:41	10°♉22'36	20°39'40
asc. node	-1372 Jun 18 j 19:12	0°♊04'26	
	-1372 Jun 18 j 18:16	0°♊	
morning set	-1372 Jun 24 j 02:31	10°♊32'25	
superior conj	-1372 Jul 01 j 17:42	26°♊16'59	1°41'16
minimum elong	-1372 Jul 01 j 15:50	26°♊07'30	1°41'10
	-1372 Jul 03 j 13:44	0°♋	
max. Earth dist.	-1372 Jul 06 j 09:43	5°♋36'59	1.35974 AU
evening rise	-1372 Jul 10 j 13:42	13°♋33'58	
	-1372 Jul 19 j 22:22	0°♌	
desc. node	-1372 Jul 29 j 09:41	14°♌42'27	
	-1372 Aug 09 j 23:56	0°♍	
evening max el	-1372 Aug 15 j 05:10	5°♍36'15	26°16'01
retrograde	-1372 Aug 27 j 20:58	12°♍46'14	
evening set	-1372 Sep 03 j 06:13	10°♍06'32	
min. Earth dist.	-1372 Sep 07 j 10:30	5°♍39'31	0.66346 AU
inferior conj	-1372 Sep 08 j 21:27	3°♍51'35	-1°-56'-55
minimum elong	-1372 Sep 09 j 00:19	3°♍42'44	1°55'49
	-1372 Sep 12 j 06:31	30°℞♌	
morning rise	-1372 Sep 14 j 19:20	27°♌59'48	
asc. node	-1372 Sep 14 j 18:22	28°♌01'12	
direct	-1372 Sep 17 j 20:27	27°♌06'47	
	-1372 Sep 23 j 17:15	0°♍	
morning max el	-1372 Sep 24 j 16:28	0°♍55'56	18°50'46
	-1372 Oct 14 j 16:46	0°♎	
morning set	-1372 Oct 16 j 02:24	2°♎13'09	
desc. node	-1372 Oct 25 j 09:01	16°♎51'41	
max. Earth dist.	-1372 Oct 31 j 15:29	26°♎43'30	1.44907 AU
superior conj	-1372 Nov 01 j 10:04	27°♎56'40	0°-44'-36
minimum elong	-1372 Nov 01 j 04:24	27°♎34'17	0°43'54
	-1372 Nov 02 j 17:23	0°♏	
evening rise	-1372 Nov 17 j 01:22	22°♏49'55	
	-1372 Nov 21 j 11:57	0°♐	
evening max el	-1372 Dec 08 j 01:43	24°♐10'05	18°48'39
asc. node	-1372 Dec 11 j 17:38	27°♐06'39	
retrograde	-1372 Dec 14 j 20:05	27°♐58'58	
evening set	-1372 Dec 17 j 22:26	27°♐04'04	
inferior conj	-1372 Dec 23 j 18:00	21°♐19'43	3°21'07
minimum elong	-1372 Dec 23 j 15:15	21°♐28'10	3°20'31
min. Earth dist.	-1372 Dec 25 j 11:05	19°♐14'10	0.65210 AU
morning rise	-1372 Dec 29 j 07:02	15°♐10'37	
direct	-1371 Jan 04 j 22:21	12°♐20'15	
morning max el	-1371 Jan 18 j 01:33	19°♐59'02	26°54'27
desc. node	-1371 Jan 21 j 08:17	23°♐29'09	
	-1371 Jan 26 j 16:40	0°♑	
	-1371 Feb 15 j 07:51	0°♒	
morning set	-1371 Feb 22 j 19:24	13°♒41'44	
max. Earth dist.	-1371 Feb 27 j 07:13	22°♒32'09	1.34351 AU
	-1371 Mar 02 j 22:36	0°♓	
superior conj	-1371 Mar 03 j 05:58	0°♓38'20	-1°-3'-27
minimum elong	-1371 Mar 03 j 08:50	0°♓53'19	1°02'59
asc. node	-1371 Mar 09 j 16:59	14°♓13'23	
evening rise	-1371 Mar 10 j 18:05	16°♓24'20	
	-1371 Mar 17 j 15:33	0°♈	
evening max el	-1371 Mar 30 j 15:28	18°♈25'22	21°24'14
retrograde	-1371 Apr 11 j 16:09	24°♈15'08	
evening set	-1371 Apr 14 j 02:54	24°♈01'26	
desc. node	-1371 Apr 19 j 07:27	22°♈14'02	
inferior conj	-1371 Apr 23 j 11:06	20°♈01'07	-1°-10'-20
minimum elong	-1371 Apr 23 j 07:48	20°♈05'46	1°09'11
min. Earth dist.	-1371 Apr 23 j 16:43	19°♈53'13	0.55046 AU
morning rise	-1371 May 02 j 12:55	16°♈00'21	
direct	-1371 May 05 j 14:39	15°♈39'48	
morning max el	-1371 May 18 j 04:25	21°♈38'16	22°09'18
	-1371 May 25 j 07:36	0°♉	
asc. node	-1371 Jun 05 j 16:15	19°♉36'22	
morning set	-1371 Jun 08 j 12:20	25°♉23'59	
	-1371 Jun 10 j 16:56	0°♊	
superior conj	-1371 Jun 15 j 19:28	10°♊48'49	1°28'59
minimum elong	-1371 Jun 15 j 16:59	10°♊35'45	1°28'42
max. Earth dist.	-1371 Jun 19 j 01:59	17°♊37'00	1.34527 AU
evening rise	-1371 Jun 23 j 20:26	27°♊08'38	
	-1371 Jun 25 j 08:06	0°♋	
	-1371 Jul 13 j 05:25	0°♌	
desc. node	-1371 Jul 16 j 06:44	4°♌19'28	
evening max el	-1371 Jul 28 j 16:50	19°♌04'20	27°03'15
retrograde	-1371 Aug 10 j 22:41	26°♌23'35	
evening set	-1371 Aug 17 j 19:50	23°♌37'39	
min. Earth dist.	-1371 Aug 21 j 16:41	19°♌48'42	0.65242 AU
inferior conj	-1371 Aug 23 j 16:33	17°♌32'07	-2°-49'-17
minimum elong	-1371 Aug 23 j 20:30	17°♌20'49	2°47'58
morning rise	-1371 Aug 29 j 22:36	11°♌54'19	
direct	-1371 Sep 01 j 16:38	11°♌13'15	
asc. node	-1371 Sep 01 j 15:25	11°♌13'15	
morning max el	-1371 Sep 08 j 05:51	14°♌46'32	18°15'01
	-1371 Sep 19 j 02:51	0°♍	
morning set	-1371 Sep 26 j 21:36	12°♍46'43	
	-1371 Oct 07 j 11:27	0°♎	
superior conj	-1371 Oct 11 j 12:00	6°♎24'55	0°04'55
minimum elong	-1371 Oct 11 j 12:37	6°♎27'24	0°04'50
behind sun begin	-1371 Oct 11 j 02:02	5°♎45'21	
behind sun end	-1371 Oct 11 j 23:13	7°♎09'24	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-1371 Oct 12 j 06:04	7°♎36'34	
max. Earth dist.	-1371 Oct 14 j 10:15	11°♎02'45	1.44839 AU
	-1371 Oct 26 j 12:49	0°♏	
evening rise	-1371 Oct 28 j 01:47	2°♏24'03	
greatest brilliancy	-1371 Nov 12 j 23:46	26°♏46'42	-0.7m
	-1371 Nov 15 j 06:04	0°♐	
evening max el	-1371 Nov 21 j 09:25	7°♐36'55	19°34'42
retrograde	-1371 Nov 28 j 16:47	11°♐51'25	
asc. node	-1371 Nov 28 j 14:39	11°♐51'22	
evening set	-1371 Dec 02 j 02:18	10°♐43'54	
inferior conj	-1371 Dec 07 j 16:46	4°♐44'53	2°46'16
minimum elong	-1371 Dec 07 j 13:52	4°♐54'21	2°45'24
min. Earth dist.	-1371 Dec 08 j 19:54	3°♐16'21	0.66325 AU
	-1371 Dec 11 j 12:52	30°℞♏	
morning rise	-1371 Dec 13 j 00:43	28°♏31'09	
direct	-1371 Dec 19 j 03:24	25°♏50'07	
	-1371 Dec 28 j 01:27	0°♐	
morning max el	-1371 Dec 31 j 10:56	3°♐07'31	25°47'54
desc. node	-1370 Jan 08 j 05:20	12°♐03'03	
	-1370 Jan 20 j 22:47	0°♑	
morning set	-1370 Feb 05 j 16:13	26°♑26'54	
	-1370 Feb 07 j 14:11	0°♒	
max. Earth dist.	-1370 Feb 09 j 13:54	3°♒46'04	1.35865 AU
superior conj	-1370 Feb 15 j 00:28	14°♒27'52	-1°-26'-51
minimum elong	-1370 Feb 15 j 04:02	14°♒45'46	1°26'25
	-1370 Feb 22 j 14:52	0°♓	
evening rise	-1370 Feb 23 j 00:18	0°♓48'05	
asc. node	-1370 Feb 24 j 14:02	3°♓58'57	
evening max el	-1370 Mar 12 j 23:07	29°♓47'10	20°06'54
	-1370 Mar 13 j 04:32	0°♈	
retrograde	-1370 Mar 23 j 07:31	4°♈44'06	
evening set	-1370 Mar 25 j 11:34	4°♈32'01	
inferior conj	-1370 Apr 03 j 08:47	0°♈32'41	0°47'25
minimum elong	-1370 Apr 03 j 10:51	0°♈29'34	0°46'43
	-1370 Apr 04 j 06:29	30°℞♓	
min. Earth dist.	-1370 Apr 05 j 06:52	29°♓23'33	0.55489 AU
desc. node	-1370 Apr 06 j 04:29	28°♓52'00	
morning rise	-1370 Apr 12 j 07:26	26°♓07'21	
direct	-1370 Apr 16 j 04:47	25°♓34'10	
	-1370 Apr 27 j 04:53	0°♈	
morning max el	-1370 Apr 29 j 22:03	2°♈21'02	23°48'53
	-1370 May 18 j 20:45	0°♉	
asc. node	-1370 May 23 j 13:20	9°♉26'28	
morning set	-1370 May 24 j 00:04	10°♉22'35	
superior conj	-1370 May 31 j 02:37	25°♉37'17	1°12'02
minimum elong	-1370 May 31 j 00:07	25°♉23'49	1°11'39
max. Earth dist.	-1370 Jun 02 j 03:36	29°♉59'28	1.33463 AU
	-1370 Jun 02 j 03:43	0°♊	
evening rise	-1370 Jun 07 j 14:42	11°♊18'33	
	-1370 Jun 17 j 15:00	0°♋	
desc. node	-1370 Jul 03 j 03:46	23°♋17'51	
	-1370 Jul 08 j 22:06	0°♌	
evening max el	-1370 Jul 11 j 03:33	2°♌14'17	27°24'40
retrograde	-1370 Jul 24 j 18:45	9°♌35'42	
evening set	-1370 Jul 31 j 22:40	6°♌54'50	
min. Earth dist.	-1370 Aug 04 j 13:56	3°♌40'26	0.63766 AU
inferior conj	-1370 Aug 07 j 03:15	1°♌01'53	-3°-36'-27
minimum elong	-1370 Aug 07 j 07:41	0°♌50'24	3°35'19
	-1370 Aug 08 j 03:24	30°℞♋	
morning rise	-1370 Aug 13 j 18:44	25°♋41'11	
direct	-1370 Aug 16 j 08:06	25°♋08'49	
asc. node	-1370 Aug 19 j 12:30	25°♋59'21	
morning max el	-1370 Aug 22 j 21:17	28°♋34'37	17°56'34
	-1370 Aug 24 j 05:06	0°♌	
morning set	-1370 Sep 08 j 18:57	24°♌35'09	
	-1370 Sep 11 j 22:18	0°♍	
superior conj	-1370 Sep 21 j 08:23	15°♍50'07	0°49'32
minimum elong	-1370 Sep 21 j 13:13	16°♍09'55	0°48'54
max. Earth dist.	-1370 Sep 27 j 02:55	25°♍11'06	1.44058 AU
desc. node	-1370 Sep 29 j 03:07	28°♍22'56	
	-1370 Sep 30 j 03:39	0°♎	
evening rise	-1370 Oct 07 j 09:47	11°♎19'04	
	-1370 Oct 19 j 17:41	0°♏	
greatest brilliancy	-1370 Oct 29 j 11:10	13°♏50'10	-0.5m
evening max el	-1370 Nov 04 j 11:57	21°♏04'17	20°35'25
retrograde	-1370 Nov 12 j 14:21	25°♏51'22	
asc. node	-1370 Nov 15 j 11:42	25°♏03'32	
evening set	-1370 Nov 16 j 09:07	24°♏29'00	
inferior conj	-1370 Nov 21 j 20:17	18°♏18'43	2°03'45
minimum elong	-1370 Nov 21 j 17:48	18°♏27'11	2°02'51
min. Earth dist.	-1370 Nov 22 j 11:04	17°♏28'29	0.67077 AU
morning rise	-1370 Nov 27 j 01:58	12°♏02'46	
direct	-1370 Dec 02 j 13:49	9°♏39'12	
morning max el	-1370 Dec 13 j 19:22	16°♏21'14	24°25'51
	-1370 Dec 25 j 02:52	0°♐	
desc. node	-1370 Dec 26 j 02:23	1°♐20'01	
	-1369 Jan 13 j 22:26	0°♑	
morning set	-1369 Jan 18 j 16:43	8°♑07'16	
max. Earth dist.	-1369 Jan 22 j 10:57	14°♑48'20	1.37771 AU
superior conj	-1369 Jan 29 j 07:55	27°♑39'48	-1°-45'-56
minimum elong	-1369 Jan 29 j 11:17	27°♑55'59	1°45'41
	-1369 Jan 30 j 12:53	0°♒	
evening rise	-1369 Feb 07 j 00:28	14°♒47'26	
asc. node	-1369 Feb 11 j 11:04	23°♒25'12	
	-1369 Feb 15 j 02:36	0°♓	
evening max el	-1369 Feb 23 j 17:38	11°♓46'21	19°07'58
retrograde	-1369 Mar 04 j 11:14	15°♓57'42	
evening set	-1369 Mar 06 j 17:39	15°♓41'59	
inferior conj	-1369 Mar 14 j 21:22	11°♓29'48	2°23'38
minimum elong	-1369 Mar 15 j 01:56	11°♓21'57	2°22'23
min. Earth dist.	-1369 Mar 17 j 22:24	9°♓25'19	0.56786 AU
morning rise	-1369 Mar 23 j 06:09	6°♓32'33	
desc. node	-1369 Mar 24 j 01:32	6°♓15'14	
direct	-1369 Mar 28 j 07:17	5°♓32'53	
morning max el	-1369 Apr 11 j 12:46	12°♓52'24	25°25'49
	-1369 Apr 24 j 20:43	0°♈	
morning set	-1369 May 08 j 12:03	25°♈22'19	
asc. node	-1369 May 10 j 10:25	29°♈28'45	
	-1369 May 10 j 16:15	0°♉	
superior conj	-1369 May 15 j 12:58	10°♉34'54	0°51'32
minimum elong	-1369 May 15 j 10:55	10°♉23'44	0°51'10
max. Earth dist.	-1369 May 16 j 12:28	12°♉42'54	1.32774 AU
evening rise	-1369 May 22 j 17:00	25°♉52'36	
	-1369 May 24 j 17:45	0°♊	
	-1369 Jun 11 j 03:37	0°♋	
desc. node	-1369 Jun 20 j 00:47	11°♋21'40	
evening max el	-1369 Jun 23 j 11:15	14°♋54'21	27°15'01
retrograde	-1369 Jul 07 j 08:21	22°♋13'41	
evening set	-1369 Jul 14 j 10:51	19°♋51'47	
min. Earth dist.	-1369 Jul 18 j 01:10	17°♋02'53	0.61958 AU
inferior conj	-1369 Jul 21 j 02:34	14°♋14'27	-4°-13'-57
minimum elong	-1369 Jul 21 j 06:19	14°♋05'48	4°13'21
morning rise	-1369 Jul 28 j 04:27	9°♋13'46	
direct	-1369 Jul 30 j 15:40	8°♋47'21	
asc. node	-1369 Aug 06 j 09:36	12°♋08'30	
morning max el	-1369 Aug 06 j 11:55	12°♋14'07	17°56'26
	-1369 Aug 18 j 10:28	0°♌	
morning set	-1369 Aug 22 j 12:45	7°♌22'51	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1369 Sep 02 j 08:08	26°♌36'32	1°21'46	
minimum elong	-1369 Sep 02 j 13:03	26°♌57'43	1°21'16	
	-1369 Sep 04 j 07:38	0°♍		
max. Earth dist.	-1369 Sep 09 j 15:24	8°♍53'37	1.42676 AU	
desc. node	-1369 Sep 16 j 00:08	19°♍07'49		
evening rise	-1369 Sep 16 j 18:30	20°♍20'04		
	-1369 Sep 23 j 00:39	0°♎		
greatest brilliancy	-1369 Oct 13 j 12:33	29°♎01'29	-0.4m	
	-1369 Oct 14 j 07:40	0°♏		
evening max el	-1369 Oct 18 j 08:40	4°♏32'21	21°47'32	
retrograde	-1369 Oct 27 j 10:48	9°♏56'27		
evening set	-1369 Oct 31 j 17:02	8°♏16'58		
asc. node	-1369 Nov 02 j 08:45	6°♏44'21		
inferior conj	-1369 Nov 06 j 02:27	1°♏58'58	1°15'42	
minimum elong	-1369 Nov 06 j 00:47	2°♏04'44	1°15'00	
min. Earth dist.	-1369 Nov 06 j 06:10	1°♏46'10	0.67489 AU	
	-1369 Nov 07 j 13:15	30°℞♎		
morning rise	-1369 Nov 11 j 08:17	25°♎43'21		
direct	-1369 Nov 16 j 04:48	23°♎41'27		
morning max el	-1369 Nov 26 j 05:00	29°♎38'39	22°58'26	
	-1369 Nov 26 j 13:22	0°♏		
greatest brilliancy	-1369 Dec 01 j 00:28	5°♏02'08	-0.3m	
desc. node	-1369 Dec 12 j 23:26	21°♏07'52		
	-1369 Dec 18 j 23:09	0°♐		
morning set	-1369 Dec 30 j 14:41	18°♐27'29		
max. Earth dist.	-1368 Jan 04 j 06:19	26°♐18'37	1.39880 AU	
	-1368 Jan 06 j 09:20	0°♑		
superior conj	-1368 Jan 12 j 00:00	10°♑03'21	-1°-57'-41	
minimum elong	-1368 Jan 12 j 01:41	10°♑11'04	1°57'40	
evening rise	-1368 Jan 21 j 15:49	28°♑15'53		
	-1368 Jan 22 j 13:38	0°♒		
asc. node	-1368 Jan 29 j 08:05	12°♒25'53		
evening max el	-1368 Feb 06 j 20:58	24°♒18'09	18°28'54	
retrograde	-1368 Feb 14 j 09:39	27°♒59'41		
evening set	-1368 Feb 16 j 20:22	27°♒37'31		
inferior conj	-1368 Feb 24 j 06:33	23°♒05'05	3°24'10	
minimum elong	-1368 Feb 24 j 10:07	22°♒57'56	3°23'33	
min. Earth dist.	-1368 Feb 27 j 16:43	20°♒21'54	0.58650 AU	
morning rise	-1368 Mar 02 j 20:09	17°♒40'18		
direct	-1368 Mar 08 j 22:58	16°♒03'59		
desc. node	-1368 Mar 09 j 22:35	16°♒06'28		
morning max el	-1368 Mar 23 j 06:25	23°♒40'45	26°44'49	
	-1368 Mar 28 j 23:21	0°♓		
	-1368 Apr 16 j 20:04	0°♈		
morning set	-1368 Apr 21 j 22:35	10°♈16'58		
asc. node	-1368 Apr 26 j 07:28	19°♈38'00		
superior conj	-1368 Apr 29 j 00:38	25°♈34'44	0°28'21	
minimum elong	-1368 Apr 28 j 23:25	25°♈28'00	0°28'07	
max. Earth dist.	-1368 Apr 29 j 01:08	25°♈37'27	1.32447 AU	
	-1368 May 01 j 01:03	0°♉		
evening rise	-1368 May 06 j 00:32	10°♉41'11		
	-1368 May 16 j 00:30	0°♊		
evening max el	-1368 Jun 04 j 13:18	26°♊52'40	26°32'18	
desc. node	-1368 Jun 05 j 21:49	28°♊07'19		
	-1368 Jun 08 j 04:53	0°♋		
retrograde	-1368 Jun 18 j 13:46	4°♋08'27		
evening set	-1368 Jun 25 j 03:47	2°♋18'29		
	-1368 Jun 28 j 16:09	30°℞♊		
min. Earth dist.	-1368 Jun 29 j 02:33	29°♊40'18	0.59936 AU	
inferior conj	-1368 Jul 02 j 10:50	26°♊59'44	-4°-34'-48	
minimum elong	-1368 Jul 02 j 12:10	26°♊57'02	4°34'44	
morning rise	-1368 Jul 09 j 23:53	22°♊21'25		
direct	-1368 Jul 12 j 11:04	21°♊59'04		
morning max el	-1368 Jul 19 j 22:47	25°♊36'29	18°15'43	
asc. node	-1368 Jul 23 j 06:41	29°♊24'29		
	-1368 Jul 23 j 17:19	0°♋		
morning set	-1368 Aug 04 j 21:30	20°♋54'09		
	-1368 Aug 09 j 17:03	0°♌		
superior conj	-1368 Aug 14 j 09:14	8°♌38'23	1°40'32	
minimum elong	-1368 Aug 14 j 12:06	8°♌51'25	1°40'23	
max. Earth dist.	-1368 Aug 21 j 22:41	21°♌57'31	1.40868 AU	
evening rise	-1368 Aug 26 j 20:57	0°♍11'19		
	-1368 Aug 26 j 18:11	0°♍		
desc. node	-1368 Sep 01 j 21:09	9°♍47'18		
	-1368 Sep 15 j 12:44	0°♎		
greatest brilliancy	-1368 Sep 24 j 11:57	11°♎50'02	-0.2m	
evening max el	-1368 Sep 30 j 00:07	18°♎01'18	23°06'33	
retrograde	-1368 Oct 10 j 04:38	24°♎03'24		
evening set	-1368 Oct 15 j 00:16	22°♎05'17		
asc. node	-1368 Oct 19 j 05:49	17°♎17'25		
inferior conj	-1368 Oct 20 j 09:24	15°♎43'07	0°23'45	
minimum elong	-1368 Oct 20 j 08:50	15°♎45'02	0°23'29	
min. Earth dist.	-1368 Oct 20 j 02:40	16°♎06'17	0.67580 AU	
morning rise	-1368 Oct 25 j 17:26	9°♎30'31		
direct	-1368 Oct 29 j 23:22	7°♎51'03		
morning max el	-1368 Nov 07 j 19:24	13°♎02'56	21°34'21	
greatest brilliancy	-1368 Nov 12 j 20:16	18°♎48'31	-0.4m	
	-1368 Nov 21 j 03:19	0°♏		
desc. node	-1368 Nov 28 j 20:28	11°♏17'25		
morning set	-1368 Dec 09 j 07:47	27°♏25'28		
	-1368 Dec 10 j 22:37	0°♐		
max. Earth dist.	-1368 Dec 16 j 07:16	8°♐42'38	1.41894 AU	
superior conj	-1368 Dec 23 j 19:17	21°♐24'50	-1°-58'-15	
minimum elong	-1368 Dec 23 j 17:24	21°♐16'42	1°58'14	
	-1368 Dec 28 j 16:05	0°♑		
evening rise	-1367 Jan 03 j 18:51	11°♑05'45		
	-1367 Jan 14 j 15:07	0°♒		
asc. node	-1367 Jan 15 j 05:06	0°♒52'54		
evening max el	-1367 Jan 20 j 06:11	7°♒14'21	18°09'53	
retrograde	-1367 Jan 27 j 01:42	10°♒42'07		
evening set	-1367 Jan 29 j 16:13	10°♒12'16		
inferior conj	-1367 Feb 05 j 11:43	5°♒17'52	3°51'21	
minimum elong	-1367 Feb 05 j 12:52	5°♒15'10	3°51'15	
min. Earth dist.	-1367 Feb 08 j 17:00	2°♒19'39	0.60716 AU	
	-1367 Feb 11 j 14:57	30°℞♑		
morning rise	-1367 Feb 12 j 06:43	29°♑33'33		
direct	-1367 Feb 19 j 01:47	27°♑20'46		
desc. node	-1367 Feb 24 j 19:38	28°♑46'59		
	-1367 Feb 27 j 00:01	0°♒		
morning max el	-1367 Mar 05 j 06:21	5°♒06'43	27°33'19	
	-1367 Mar 23 j 19:26	0°♓		
morning set	-1367 Apr 06 j 05:54	25°♓00'29		
	-1367 Apr 08 j 15:09	0°♈		
max. Earth dist.	-1367 Apr 12 j 13:48	8°♈30'04	1.32476 AU	
superior conj	-1367 Apr 13 j 12:00	10°♈31'18	0°03'20	
minimum elong	-1367 Apr 13 j 11:51	10°♈30'28	0°03'19	
behind sun begin	-1367 Apr 13 j 06:54	10°♈03'24		
behind sun end	-1367 Apr 13 j 16:48	10°♈57'33		
asc. node	-1367 Apr 13 j 04:28	9°♈50'09		
evening rise	-1367 Apr 20 j 11:10	25°♈36'45		
	-1367 Apr 22 j 13:47	0°♉		
	-1367 May 10 j 05:53	0°♊		
evening max el	-1367 May 17 j 08:29	8°♊06'34	25°20'20	
desc. node	-1367 May 23 j 18:49	13°♊03'29		
retrograde	-1367 May 31 j 09:25	15°♊16'35		
evening set	-1367 Jun 05 j 22:11	14°♊05'13		
min. Earth dist.	-1367 Jun 10 j 20:23	11°♊19'53	0.57922 AU	
inferior conj	-1367 Jun 14 j 00:33	9°♊08'03	-4°-28'-46	
minimum elong	-1367 Jun 13 j 21:49	9°♊12'49	4°28'32	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning rise	-1367 Jun 22 j 01:23	4♊52'09	
direct	-1367 Jun 24 j 13:50	4♊32'49	
morning max el	-1367 Jul 03 j 02:56	8♊33'14	18°55'26
asc. node	-1367 Jul 10 j 03:45	17♊32'52	
	-1367 Jul 17 j 03:38	0♋	
morning set	-1367 Jul 19 j 16:54	4♋57'52	
superior conj	-1367 Jul 28 j 06:10	21♋40'26	1°47'42
minimum elong	-1367 Jul 28 j 06:44	21♋43'08	1°47'44
	-1367 Aug 01 j 16:49	0♌	
max. Earth dist.	-1367 Aug 04 j 01:42	4♌17'49	1.38875 AU
evening rise	-1367 Aug 08 j 00:30	11♌14'00	
desc. node	-1367 Aug 19 j 18:09	0♍17'19	
	-1367 Aug 19 j 13:38	0♍	
	-1367 Sep 10 j 23:57	0♎	
evening max el	-1367 Sep 12 j 12:09	1♎32'46	24°26'25
retrograde	-1367 Sep 23 j 18:53	8♎09'06	
evening set	-1367 Sep 29 j 05:08	5♎52'24	
min. Earth dist.	-1367 Oct 03 j 22:16	0♎27'21	0.67355 AU
	-1367 Oct 04 j 06:26	30℞♍	
inferior conj	-1367 Oct 04 j 15:25	29♍29'50	0°-30'-33
minimum elong	-1367 Oct 04 j 16:10	29♍27'20	0°30'15
asc. node	-1367 Oct 06 j 02:53	27♍32'53	
morning rise	-1367 Oct 10 j 03:31	23♍22'56	
direct	-1367 Oct 13 j 20:28	22♍04'10	
morning max el	-1367 Oct 21 j 16:59	26♍37'02	20°19'51
	-1367 Oct 24 j 17:43	0♎	
greatest brilliancy	-1367 Oct 28 j 08:15	4♎36'58	-0.6m
	-1367 Nov 14 j 14:50	0♏	
desc. node	-1367 Nov 15 j 17:29	1♏42'17	
morning set	-1367 Nov 18 j 05:59	5♏35'40	
max. Earth dist.	-1367 Nov 28 j 15:36	21♏58'30	1.43537 AU
	-1367 Dec 03 j 14:13	0♐	
superior conj	-1367 Dec 04 j 12:33	1♐31'58	-1°-43'-16
minimum elong	-1367 Dec 04 j 06:15	1♐05'58	1°42'51
evening rise	-1367 Dec 17 j 05:24	23♐07'52	
	-1367 Dec 21 j 04:06	0♑	
asc. node	-1366 Jan 02 j 02:08	18♑35'18	
evening max el	-1366 Jan 03 j 18:16	20♑25'57	18°10'24
retrograde	-1366 Jan 10 j 06:53	23♑53'28	
evening set	-1366 Jan 13 j 01:09	23♑15'02	
inferior conj	-1366 Jan 19 j 09:13	17♑59'40	3°53'02
minimum elong	-1366 Jan 19 j 08:13	18♑02'20	3°52'57
min. Earth dist.	-1366 Jan 22 j 02:07	15♑09'28	0.62694 AU
morning rise	-1366 Jan 25 j 13:18	12♑02'31	
direct	-1366 Feb 01 j 13:42	9♑23'15	
desc. node	-1366 Feb 11 j 16:40	13♑48'33	
morning max el	-1366 Feb 15 j 12:02	17♑13'14	27°45'19
	-1366 Feb 26 j 04:04	0♒	
	-1366 Mar 16 j 12:14	0♓	
morning set	-1366 Mar 21 j 07:45	9♓24'18	
max. Earth dist.	-1366 Mar 26 j 22:21	21♓05'13	1.32874 AU
superior conj	-1366 Mar 28 j 21:18	25♓17'41	0°-22'-46
minimum elong	-1366 Mar 28 j 22:22	25♓23'26	0°22'33
asc. node	-1366 Mar 31 j 01:29	0♈00'28	
	-1366 Mar 31 j 01:24	0♈	
evening rise	-1366 Apr 04 j 22:54	10♈31'27	
	-1366 Apr 15 j 00:45	0♉	
evening max el	-1366 Apr 28 j 23:28	18♉49'03	23°49'52
desc. node	-1366 May 10 j 15:51	25♉32'53	
retrograde	-1366 May 12 j 17:27	25♉42'38	
evening set	-1366 May 16 j 20:19	25♉05'04	
min. Earth dist.	-1366 May 23 j 10:29	21♉57'33	0.56233 AU
inferior conj	-1366 May 25 j 18:03	20♉32'52	-3°-44'-1
minimum elong	-1366 May 25 j 11:41	20♉42'38	3°42'38
morning rise	-1366 Jun 03 j 06:48	16♉33'48	
direct	-1366 Jun 05 j 21:09	16♉16'32	
morning max el	-1366 Jun 15 j 21:45	20♉54'51	19°55'58
	-1366 Jun 23 j 05:15	0♊	
asc. node	-1366 Jun 27 j 00:47	6♊21'05	
morning set	-1366 Jul 03 j 19:45	19♊25'18	
	-1366 Jul 09 j 00:34	0♋	
superior conj	-1366 Jul 11 j 17:29	5♋26'50	1°45'44
minimum elong	-1366 Jul 11 j 16:18	5♋20'56	1°45'42
max. Earth dist.	-1366 Jul 17 j 05:20	16♋08'46	1.36953 AU
evening rise	-1366 Jul 21 j 03:46	23♋26'04	
	-1366 Jul 24 j 20:41	0♌	
desc. node	-1366 Aug 06 j 15:10	20♌32'43	
	-1366 Aug 13 j 06:34	0♍	
evening max el	-1366 Aug 25 j 23:16	15♍07'27	25°39'54
retrograde	-1366 Sep 07 j 04:50	22♍09'03	
evening set	-1366 Sep 13 j 05:52	19♍36'19	
min. Earth dist.	-1366 Sep 17 j 14:37	14♍47'30	0.66803 AU
inferior conj	-1366 Sep 18 j 18:47	13♍17'15	-1°-25'-36
minimum elong	-1366 Sep 18 j 20:54	13♍10'29	1°24'44
asc. node	-1366 Sep 22 j 23:56	8♍29'00	
morning rise	-1366 Sep 24 j 12:38	7♍18'59	
direct	-1366 Sep 27 j 18:47	6♍17'42	
morning max el	-1366 Oct 04 j 21:59	10♍20'33	19°18'52
greatest brilliancy	-1366 Oct 15 j 00:58	23♍37'35	-0.7m
	-1366 Oct 19 j 06:09	0♎	
morning set	-1366 Oct 28 j 08:50	14♎07'30	
desc. node	-1366 Nov 02 j 14:30	22♎18'05	
	-1366 Nov 07 j 12:25	0♏	
max. Earth dist.	-1366 Nov 11 j 06:02	5♏52'52	1.44603 AU
superior conj	-1366 Nov 14 j 03:43	10♏28'58	-1°-10'-25
minimum elong	-1366 Nov 13 j 20:01	9♏58'22	1°09'35
	-1366 Nov 26 j 05:22	0♐	
evening rise	-1366 Nov 28 j 19:05	4♐14'41	
	-1366 Dec 15 j 01:35	0♑	
evening max el	-1366 Dec 18 j 06:36	3♑47'25	18°29'36
asc. node	-1366 Dec 19 j 23:10	5♑20'39	
retrograde	-1366 Dec 24 j 20:45	7♑25'37	
evening set	-1366 Dec 27 j 19:42	6♑37'19	
inferior conj	-1365 Jan 02 j 19:11	1♑03'04	3°36'36
minimum elong	-1365 Jan 02 j 16:49	1♑09'57	3°36'13
	-1365 Jan 03 j 16:43	30℞♐	
min. Earth dist.	-1365 Jan 04 j 21:02	28♐37'57	0.64399 AU
morning rise	-1365 Jan 08 j 12:36	24♐57'27	
direct	-1365 Jan 15 j 09:18	22♐06'38	
	-1365 Jan 28 j 23:50	0♑	
morning max el	-1365 Jan 28 j 21:00	29♐52'53	27°21'44
desc. node	-1365 Jan 29 j 13:43	0♑35'13	
	-1365 Feb 20 j 02:24	0♒	
morning set	-1365 Mar 05 j 01:25	23♒19'21	
	-1365 Mar 08 j 09:39	0♓	
max. Earth dist.	-1365 Mar 09 j 22:46	3♓10'23	1.33685 AU
superior conj	-1365 Mar 13 j 02:44	9♓48'00	0°-48'-53
minimum elong	-1365 Mar 13 j 05:00	10♓00'01	0°48'28
asc. node	-1365 Mar 17 j 22:31	20♓04'51	
evening rise	-1365 Mar 20 j 10:00	25♓19'14	
	-1365 Mar 22 j 16:21	0♈	
evening max el	-1365 Apr 10 j 16:43	29♈28'24	22°15'19
	-1365 Apr 11 j 06:08	0♉	
retrograde	-1365 Apr 23 j 13:05	5♉45'52	
evening set	-1365 Apr 26 j 10:08	5♉27'37	
desc. node	-1365 Apr 27 j 12:54	5♉11'14	
min. Earth dist.	-1365 May 04 j 23:52	1♉46'04	0.55223 AU
inferior conj	-1365 May 05 j 18:47	1♉19'20	-2°-15'-45

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1365 May 05 j 12:55	1°♉27'37	2°13'54
	-1365 May 08 j 03:59	30°℞♈	
morning rise	-1365 May 14 j 17:30	27°♈23'56	
direct	-1365 May 17 j 12:54	27°♈06'04	
	-1365 May 26 j 00:55	0°♉	
morning max el	-1365 May 29 j 05:35	2°♉34'38	21°16'01
asc. node	-1365 Jun 13 j 21:49	25°♉39'26	
	-1365 Jun 16 j 02:37	0°♊	
morning set	-1365 Jun 18 j 03:36	4°♊09'39	
superior conj	-1365 Jun 25 j 14:54	19°♊44'52	1°36'42
minimum elong	-1365 Jun 25 j 12:42	19°♊33'27	1°36'31
max. Earth dist.	-1365 Jun 29 j 15:58	27°♊58'54	1.35308 AU
	-1365 Jun 30 j 16:21	0°♋	
evening rise	-1365 Jul 04 j 01:56	6°♋34'52	
	-1365 Jul 17 j 13:36	0°♌	
desc. node	-1365 Jul 24 j 12:13	10°♌26'18	
evening max el	-1365 Aug 08 j 10:54	28°♌40'54	26°39'02
	-1365 Aug 09 j 20:46	0°♍	
retrograde	-1365 Aug 21 j 09:41	5°♍56'23	
evening set	-1365 Aug 28 j 00:15	3°♍13'08	
	-1365 Aug 31 j 05:23	30°℞♌	
min. Earth dist.	-1365 Sep 01 j 01:18	29°♌02'10	0.65910 AU
inferior conj	-1365 Sep 02 j 17:32	27°♌01'35	-2°-19'-37
minimum elong	-1365 Sep 02 j 20:55	26°♌51'28	2°18'22
morning rise	-1365 Sep 08 j 18:42	21°♌15'06	
asc. node	-1365 Sep 09 j 21:00	20°♌46'05	
direct	-1365 Sep 11 j 16:26	20°♌27'38	
morning max el	-1365 Sep 18 j 08:53	24°♌09'23	18°33'30
	-1365 Sep 23 j 03:50	0°♍	
morning set	-1365 Oct 08 j 11:34	23°♍52'41	
	-1365 Oct 12 j 07:07	0°♎	
desc. node	-1365 Oct 20 j 11:33	13°♎00'31	
superior conj	-1365 Oct 24 j 04:10	18°♎49'49	0°-23'-48
minimum elong	-1365 Oct 24 j 01:01	18°♎37'25	0°23'23
max. Earth dist.	-1365 Oct 25 j 00:01	20°♎07'57	1.44967 AU
	-1365 Oct 31 j 06:37	0°♏	
evening rise	-1365 Nov 09 j 08:44	14°♏20'54	
	-1365 Nov 19 j 06:20	0°♐	
evening max el	-1365 Dec 01 j 16:40	17°♐13'30	19°06'20
asc. node	-1365 Dec 06 j 20:14	20°♐53'43	
retrograde	-1365 Dec 08 j 15:43	21°♐11'59	
evening set	-1365 Dec 11 j 20:54	20°♐12'01	
inferior conj	-1365 Dec 17 j 14:05	14°♐21'19	3°07'23
minimum elong	-1365 Dec 17 j 11:12	14°♐30'27	3°06'40
min. Earth dist.	-1365 Dec 19 j 01:08	12°♐30'59	0.65739 AU
morning rise	-1365 Dec 23 j 00:36	8°♐10'06	
direct	-1365 Dec 29 j 11:08	5°♐22'09	
morning max el	-1364 Jan 11 j 06:30	12°♐53'16	26°28'30
desc. node	-1364 Jan 16 j 10:46	18°♐36'25	
	-1364 Jan 25 j 02:58	0°♑	
	-1364 Feb 12 j 17:47	0°♒	
morning set	-1364 Feb 16 j 07:12	6°♒34'00	
max. Earth dist.	-1364 Feb 20 j 12:02	14°♒40'24	1.34944 AU
superior conj	-1364 Feb 25 j 02:03	23°♒55'08	-1°-13'-46
minimum elong	-1364 Feb 25 j 05:17	24°♒11'46	1°13'17
	-1364 Feb 28 j 00:29	0°♓	
evening rise	-1364 Mar 03 j 18:35	9°♓53'54	
asc. node	-1364 Mar 03 j 19:34	9°♓58'59	
	-1364 Mar 14 j 12:56	0°♈	
evening max el	-1364 Mar 22 j 18:17	10°♈31'00	20°49'18
retrograde	-1364 Apr 03 j 02:06	15°♈57'34	
evening set	-1364 Apr 05 j 08:30	15°♈45'21	
desc. node	-1364 Apr 13 j 09:55	12°♈26'58	
inferior conj	-1364 Apr 14 j 13:24	11°♈47'57	0°-19'-29
minimum elong	-1364 Apr 14 j 12:29	11°♈49'16	0°19'10
min. Earth dist.	-1364 Apr 15 j 13:28	11°♈13'37	0.55122 AU
morning rise	-1364 Apr 23 j 15:17	7°♈38'33	
direct	-1364 Apr 27 j 00:18	7°♈13'52	
morning max el	-1364 May 10 j 03:14	13°♈34'21	22°51'03
	-1364 May 22 j 14:21	0°♉	
asc. node	-1364 May 30 j 18:53	15°♉20'20	
morning set	-1364 Jun 01 j 14:28	19°♉05'30	
	-1364 Jun 06 j 17:37	0°♊	
superior conj	-1364 Jun 08 j 19:17	4°♊25'08	1°22'17
minimum elong	-1364 Jun 08 j 16:44	4°♊11'32	1°21'57
max. Earth dist.	-1364 Jun 11 j 12:36	10°♊09'30	1.34030 AU
evening rise	-1364 Jun 16 j 14:08	20°♊26'49	
	-1364 Jun 21 j 14:30	0°♋	
desc. node	-1364 Jul 10 j 09:15	29°♋48'51	
	-1364 Jul 10 j 12:36	0°♌	
evening max el	-1364 Jul 20 j 22:40	12°♌04'04	27°16'01
retrograde	-1364 Aug 03 j 08:55	19°♌24'11	
evening set	-1364 Aug 10 j 09:41	16°♌39'14	
min. Earth dist.	-1364 Aug 14 j 03:58	13°♌05'27	0.64658 AU
inferior conj	-1364 Aug 16 j 09:25	10°♌38'48	-3°-10'-10
minimum elong	-1364 Aug 16 j 13:41	10°♌27'05	3°08'53
morning rise	-1364 Aug 22 j 19:19	5°♌07'36	
direct	-1364 Aug 25 j 11:09	4°♌30'28	
asc. node	-1364 Aug 26 j 18:04	4°♌39'13	
morning max el	-1364 Aug 31 j 23:24	7°♌59'29	18°04'59
	-1364 Sep 15 j 19:08	0°♍	
morning set	-1364 Sep 18 j 18:32	5°♍00'24	
superior conj	-1364 Oct 02 j 11:50	27°♍36'21	0°25'03
minimum elong	-1364 Oct 02 j 14:46	27°♍48'07	0°24'39
	-1364 Oct 03 j 23:42	0°♎	
desc. node	-1364 Oct 06 j 08:36	3°♎46'30	
max. Earth dist.	-1364 Oct 06 j 18:35	4°♎26'03	1.44595 AU
evening rise	-1364 Oct 19 j 00:39	23°♎34'46	
	-1364 Oct 23 j 04:38	0°♏	
greatest brilliancy	-1364 Nov 06 j 17:49	21°♏43'07	-0.6m
	-1364 Nov 13 j 06:51	0°♐	
evening max el	-1364 Nov 13 j 22:26	0°♐41'14	19°58'54
retrograde	-1364 Nov 21 j 13:00	5°♐08'21	
asc. node	-1364 Nov 22 j 17:17	5°♐00'22	
evening set	-1364 Nov 25 j 02:17	3°♐54'38	
	-1364 Nov 28 j 23:22	30°℞♏	
inferior conj	-1364 Nov 30 j 15:09	27°♏50'27	2°29'01
minimum elong	-1364 Nov 30 j 12:22	27°♏59'42	2°28'06
min. Earth dist.	-1364 Dec 01 j 12:48	26°♏38'26	0.66695 AU
morning rise	-1364 Dec 05 j 21:51	21°♏35'44	
direct	-1364 Dec 11 j 18:26	19°♏01'30	
morning max el	-1364 Dec 23 j 15:18	26°♏04'29	25°14'16
	-1364 Dec 27 j 06:23	0°♐	
desc. node	-1363 Jan 02 j 07:50	7°♐30'32	
	-1363 Jan 17 j 16:38	0°♑	
morning set	-1363 Jan 28 j 20:09	18°♑53'45	
max. Earth dist.	-1363 Feb 01 j 14:16	25°♑46'56	1.36643 AU
	-1363 Feb 03 j 19:47	0°♒	
superior conj	-1363 Feb 07 j 16:21	7°♒30'25	-1°-35'-38
minimum elong	-1363 Feb 07 j 19:58	7°♒48'17	1°35'15
evening rise	-1363 Feb 15 j 22:34	24°♒08'42	
asc. node	-1363 Feb 18 j 16:37	29°♒37'26	
	-1363 Feb 18 j 21:14	0°♓	
evening max el	-1363 Mar 05 j 06:41	22°♓08'59	19°39'21
retrograde	-1363 Mar 14 j 21:30	26°♓44'58	
evening set	-1363 Mar 17 j 02:09	26°♓31'40	
inferior conj	-1363 Mar 25 j 16:12	22°♓27'52	1°32'14
minimum elong	-1363 Mar 25 j 19:50	22°♓22'07	1°31'04

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

min. Earth dist.	-1363 Mar 28 j 03:44	20°♓54'11	0.55953 AU
desc. node	-1363 Mar 31 j 06:58	19°♓07'36	
morning rise	-1363 Apr 03 j 10:07	17°♓49'29	
direct	-1363 Apr 07 j 18:52	17°♓06'54	
morning max el	-1363 Apr 21 j 18:48	24°♓08'55	24°31'24
	-1363 Apr 27 j 02:33	0°♈	
	-1363 May 15 j 03:09	0°♉	
morning set	-1363 May 17 j 02:32	4°♉05'47	
asc. node	-1363 May 17 j 15:57	5°♉16'30	
superior conj	-1363 May 24 j 04:02	19°♉18'30	1°03'42
minimum elong	-1363 May 24 j 01:41	19°♉05'42	1°03'19
max. Earth dist.	-1363 May 25 j 17:56	22°♉43'13	1.33128 AU
	-1363 May 29 j 04:13	0°♊	
evening rise	-1363 May 31 j 12:11	4°♊48'24	
	-1363 Jun 14 j 06:44	0°♋	
desc. node	-1363 Jun 27 j 06:16	18°♋26'23	
evening max el	-1363 Jul 03 j 08:25	25°♋02'51	27°24'31
	-1363 Jul 09 j 15:15	0°♌	
retrograde	-1363 Jul 17 j 02:02	2°♌22'59	
evening set	-1363 Jul 24 j 06:44	29°♋48'21	
	-1363 Jul 24 j 00:03	30°℞♋	
min. Earth dist.	-1363 Jul 27 j 20:49	26°♋46'30	0.63039 AU
inferior conj	-1363 Jul 30 j 15:39	24°♋02'04	-3°-53'-52
minimum elong	-1363 Jul 30 j 19:58	23°♋51'24	3°52'56
morning rise	-1363 Aug 06 j 11:27	18°♋49'35	
direct	-1363 Aug 08 j 23:45	18°♋19'55	
asc. node	-1363 Aug 13 j 15:09	20°♋02'24	
morning max el	-1363 Aug 15 j 14:49	21°♋44'40	17°54'15
	-1363 Aug 21 j 22:25	0°♌	
morning set	-1363 Sep 01 j 01:15	17°♌15'56	
	-1363 Sep 08 j 08:14	0°♍	
superior conj	-1363 Sep 12 j 19:32	7°♍35'10	1°04'54
minimum elong	-1363 Sep 13 j 00:49	7°♍57'15	1°04'17
max. Earth dist.	-1363 Sep 19 j 10:10	18°♍27'01	1.43535 AU
desc. node	-1363 Sep 23 j 05:39	24°♍32'37	
	-1363 Sep 26 j 16:58	0°♎	
evening rise	-1363 Sep 28 j 06:32	2°♎26'01	
	-1363 Oct 16 j 18:21	0°♏	
greatest brilliancy	-1363 Oct 22 j 12:48	7°♏49'11	-0.5m
evening max el	-1363 Oct 27 j 22:26	14°♏08'43	21°04'55
retrograde	-1363 Nov 05 j 10:21	19°♏11'15	
evening set	-1363 Nov 09 j 09:49	17°♏41'38	
asc. node	-1363 Nov 09 j 14:19	17°♏32'53	
inferior conj	-1363 Nov 14 j 20:01	11°♏27'25	1°43'58
minimum elong	-1363 Nov 14 j 17:50	11°♏34'54	1°43'07
min. Earth dist.	-1363 Nov 15 j 05:52	10°♏53'37	0.67288 AU
morning rise	-1363 Nov 20 j 01:30	5°♏11'25	
direct	-1363 Nov 25 j 06:42	2°♏57'04	
morning max el	-1363 Dec 06 j 00:05	9°♏20'42	23°48'55
desc. node	-1363 Dec 20 j 04:54	27°♏02'10	
	-1363 Dec 22 j 06:55	0°♐	
morning set	-1362 Jan 10 j 10:10	0°♑02'33	
	-1362 Jan 10 j 09:34	0°♑	
max. Earth dist.	-1362 Jan 14 j 10:07	6°♑59'28	1.38658 AU
superior conj	-1362 Jan 21 j 17:54	20°♑23'54	-1°-52'-1
minimum elong	-1362 Jan 21 j 20:46	20°♑37'26	1°51'52
	-1362 Jan 26 j 17:51	0°♒	
evening rise	-1362 Jan 30 j 19:27	7°♒56'52	
asc. node	-1362 Feb 05 j 13:40	18°♒54'27	
	-1362 Feb 12 j 10:37	0°♓	
evening max el	-1362 Feb 16 j 05:14	4°♓23'18	18°48'49
retrograde	-1362 Feb 24 j 09:20	8°♓20'25	
evening set	-1362 Feb 26 j 17:25	8°♓02'17	
inferior conj	-1362 Mar 06 j 13:25	3°♓41'45	2°53'47
minimum elong	-1362 Mar 06 j 17:53	3°♓33'33	2°52'44
min. Earth dist.	-1362 Mar 09 j 20:13	1°♓18'17	0.57529 AU
	-1362 Mar 11 j 19:41	30°℞♒	
morning rise	-1362 Mar 14 j 14:17	28°♒31'33	
desc. node	-1362 Mar 18 j 04:00	27°♒26'42	
direct	-1362 Mar 20 j 02:50	27°♒17'20	
	-1362 Mar 28 j 11:47	0°♓	
morning max el	-1362 Apr 03 j 10:27	4°♓45'47	26°02'28
	-1362 Apr 21 j 17:43	0°♈	
morning set	-1362 May 01 j 14:08	19°♈04'38	
asc. node	-1362 May 04 j 13:00	25°♈22'37	
	-1362 May 06 j 16:00	0°♉	
superior conj	-1362 May 08 j 15:10	4°♉18'07	0°41'58
minimum elong	-1362 May 08 j 13:26	4°♉08'37	0°41'39
max. Earth dist.	-1362 May 09 j 04:51	5°♉33'00	1.32593 AU
evening rise	-1362 May 15 j 17:00	19°♉29'40	
	-1362 May 20 j 23:15	0°♊	
	-1362 Jun 08 j 20:38	0°♋	
desc. node	-1362 Jun 14 j 03:15	6°♋00'07	
evening max el	-1362 Jun 15 j 13:39	7°♋25'02	27°00'37
retrograde	-1362 Jun 29 j 12:23	14°♋43'33	
evening set	-1362 Jul 06 j 11:15	12°♋33'29	
min. Earth dist.	-1362 Jul 10 j 03:29	9°♋51'30	0.61115 AU
inferior conj	-1362 Jul 13 j 08:56	7°♋03'39	-4°-25'-22
minimum elong	-1362 Jul 13 j 11:54	6°♋57'11	4°25'02
morning rise	-1362 Jul 20 j 15:33	2°♋12'41	
direct	-1362 Jul 23 j 02:30	1°♋48'15	
morning max el	-1362 Jul 30 j 04:14	5°♋18'02	18°02'14
asc. node	-1362 Jul 31 j 12:13	6°♋41'46	
	-1362 Aug 14 j 20:55	0°♌	
morning set	-1362 Aug 15 j 01:56	0°♌23'08	
superior conj	-1362 Aug 25 j 06:37	18°♌55'14	1°31'18
minimum elong	-1362 Aug 25 j 10:47	19°♌13'36	1°30'58
	-1362 Aug 31 j 17:07	0°♍	
max. Earth dist.	-1362 Sep 01 j 20:05	1°♍52'44	1.41938 AU
evening rise	-1362 Sep 07 j 20:59	11°♍42'58	
desc. node	-1362 Sep 10 j 02:38	15°♍15'25	
	-1362 Sep 19 j 18:35	0°♎	
greatest brilliancy	-1362 Oct 05 j 22:49	22°♎16'06	-0.3m
evening max el	-1362 Oct 10 j 16:31	27°♎35'59	22°20'42
	-1362 Oct 13 j 06:24	0°♏	
retrograde	-1362 Oct 20 j 05:57	3°♏17'11	
evening set	-1362 Oct 24 j 17:36	1°♏29'53	
	-1362 Oct 26 j 07:40	30°℞♎	
asc. node	-1362 Oct 27 j 11:23	28°♎40'05	
inferior conj	-1362 Oct 30 j 02:42	25°♎09'23	0°54'02
minimum elong	-1362 Oct 30 j 01:28	25°♎13'38	0°53'30
min. Earth dist.	-1362 Oct 30 j 01:54	25°♎12'11	0.67554 AU
morning rise	-1362 Nov 04 j 09:12	18°♎54'34	
direct	-1362 Nov 08 j 23:15	17°♎02'26	
morning max el	-1362 Nov 18 j 11:22	22°♎40'40	22°21'53
greatest brilliancy	-1362 Nov 23 j 03:11	27°♎55'01	-0.3m
	-1362 Nov 24 j 19:23	0°♏	
desc. node	-1362 Dec 07 j 01:55	16°♏59'57	
	-1362 Dec 15 j 15:59	0°♐	
morning set	-1362 Dec 21 j 19:38	9°♐46'38	
max. Earth dist.	-1362 Dec 27 j 06:49	18°♐49'19	1.40755 AU
	-1361 Jan 02 j 17:50	0°♑	
superior conj	-1361 Jan 04 j 01:45	2°♑22'18	-1°-59'-34
minimum elong	-1361 Jan 04 j 02:09	2°♑24'06	1°59'36
evening rise	-1361 Jan 14 j 06:00	21°♑09'46	
	-1361 Jan 19 j 00:13	0°♒	
asc. node	-1361 Jan 23 j 10:41	7°♒42'09	
evening max el	-1361 Jan 30 j 11:25	17°♒06'36	18°18'25

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

retrograde	-1361 Feb 06 j 15:36	20°♒40'33	
evening set	-1361 Feb 09 j 03:52	20°♒15'23	
inferior conj	-1361 Feb 16 j 07:27	15°♒33'54	3°39'17
minimum elong	-1361 Feb 16 j 10:02	15°♒28'22	3°38'57
min. Earth dist.	-1361 Feb 19 j 17:01	12°♒40'58	0.59521 AU
morning rise	-1361 Feb 23 j 12:47	9°♒59'36	
direct	-1361 Mar 01 j 23:49	8°♒06'47	
desc. node	-1361 Mar 05 j 01:03	8°♒31'00	
morning max el	-1361 Mar 16 j 06:41	15°♒49'05	27°09'34
	-1361 Mar 27 j 20:22	0°♓	
	-1361 Apr 14 j 01:40	0°♈	
morning set	-1361 Apr 15 j 23:32	3°♈55'32	
asc. node	-1361 Apr 21 j 10:02	15°♈33'49	
max. Earth dist.	-1361 Apr 22 j 17:48	18°♈27'35	1.32414 AU
superior conj	-1361 Apr 23 j 02:55	19°♈17'38	0°17'55
minimum elong	-1361 Apr 23 j 02:08	19°♈13'15	0°17'46
	-1361 Apr 28 j 00:48	0°♉	
evening rise	-1361 Apr 30 j 02:06	4°♉22'09	
	-1361 May 13 j 19:28	0°♊	
evening max el	-1361 May 28 j 12:43	19°♊04'13	26°04'45
desc. node	-1361 Jun 01 j 00:15	22°♊03'48	
retrograde	-1361 Jun 11 j 14:24	26°♊18'53	
evening set	-1361 Jun 17 j 18:53	24°♊45'11	
min. Earth dist.	-1361 Jun 22 j 01:30	22°♊05'50	0.59056 AU
inferior conj	-1361 Jun 25 j 09:43	19°♊34'47	-4°-36'-18
minimum elong	-1361 Jun 25 j 09:29	19°♊35'15	4°36'17
morning rise	-1361 Jul 03 j 03:44	15°♊06'15	
direct	-1361 Jul 05 j 15:09	14°♊45'26	
morning max el	-1361 Jul 13 j 12:40	18°♊31'23	18°30'03
asc. node	-1361 Jul 18 j 09:17	24°♊22'07	
	-1361 Jul 21 j 23:12	0°♋	
morning set	-1361 Jul 29 j 15:42	14°♋09'46	
	-1361 Aug 06 j 22:38	0°♌	
superior conj	-1361 Aug 07 j 16:54	1°♌25'09	1°44'51
minimum elong	-1361 Aug 07 j 18:46	1°♌33'46	1°44'47
max. Earth dist.	-1361 Aug 15 j 00:43	14°♌36'06	1.40023 AU
evening rise	-1361 Aug 19 j 09:56	22°♌04'31	
	-1361 Aug 24 j 06:17	0°♍	
desc. node	-1361 Aug 27 j 23:38	5°♍51'44	
	-1361 Sep 13 j 19:09	0°♎	
evening max el	-1361 Sep 23 j 06:15	11°♎06'14	23°40'56
retrograde	-1361 Oct 03 j 22:25	17°♎24'03	
evening set	-1361 Oct 09 j 00:02	15°♎18'10	
inferior conj	-1361 Oct 14 j 09:28	8°♎55'19	0°00'54
minimum elong	-1361 Oct 14 j 09:27	8°♎55'24	0°00'53
transit middle	-1361 Oct 14 j 09:27	8°♎55'24	0°00'53
transit begin	-1361 Oct 14 j 06:44	9°♎04'39	
transit end	-1361 Oct 14 j 12:09	8°♎46'09	
min. Earth dist.	-1361 Oct 13 j 22:25	9°♎33'04	0.67517 AU
asc. node	-1361 Oct 14 j 08:26	8°♎58'52	
morning rise	-1361 Oct 19 j 18:59	2°♎44'30	
direct	-1361 Oct 23 j 19:10	1°♎14'02	
morning max el	-1361 Nov 01 j 04:31	6°♎08'38	21°01'09
greatest brilliancy	-1361 Nov 06 j 19:00	12°♎40'51	-0.5m
	-1361 Nov 19 j 02:31	0°♏	
desc. node	-1361 Nov 23 j 22:57	7°♏16'45	
morning set	-1361 Dec 01 j 02:21	18°♏16'40	
	-1361 Dec 08 j 11:07	0°♐	
max. Earth dist.	-1361 Dec 09 j 10:21	1°♐34'22	1.42651 AU
superior conj	-1361 Dec 16 j 10:27	13°♐13'06	-1°-54'-2
minimum elong	-1361 Dec 16 j 06:38	12°♐56'56	1°53'54
	-1361 Dec 26 j 01:21	0°♑	
evening rise	-1361 Dec 28 j 02:29	3°♑39'44	
asc. node	-1360 Jan 10 j 07:42	25°♑51'34	
	-1360 Jan 13 j 18:06	0°♒	
evening max el	-1360 Jan 13 j 22:16	0°♒10'26	18°07'50
retrograde	-1360 Jan 20 j 13:34	3°♒36'13	
evening set	-1360 Jan 23 j 05:43	3°♒02'47	
	-1360 Jan 27 j 17:07	30°℞♑	
inferior conj	-1360 Jan 29 j 20:00	27°♑59'32	3°54'38
minimum elong	-1360 Jan 29 j 20:09	27°♑59'08	3°54'37
min. Earth dist.	-1360 Feb 01 j 20:44	25°♑02'05	0.61586 AU
morning rise	-1360 Feb 05 j 08:10	22°♑09'19	
direct	-1360 Feb 12 j 07:00	19°♑43'21	
desc. node	-1360 Feb 19 j 22:06	22°♑15'29	
morning max el	-1360 Feb 26 j 09:00	27°♑31'35	27°42'51
	-1360 Feb 28 j 18:06	0°♒	
	-1360 Mar 20 j 11:43	0°♓	
morning set	-1360 Mar 30 j 04:48	18°♓31'30	
	-1360 Apr 04 j 15:25	0°♈	
max. Earth dist.	-1360 Apr 05 j 05:05	1°♈13'55	1.32599 AU
superior conj	-1360 Apr 06 j 13:38	4°♈10'49	0°-7'-39
minimum elong	-1360 Apr 06 j 13:59	4°♈12'44	0°07'36
behind sun begin	-1360 Apr 06 j 09:29	3°♈48'13	
behind sun end	-1360 Apr 06 j 18:30	4°♈37'16	
asc. node	-1360 Apr 07 j 07:03	5°♈45'44	
evening rise	-1360 Apr 13 j 13:26	19°♈18'22	
	-1360 Apr 18 j 19:49	0°♉	
evening max el	-1360 May 09 j 05:50	0°♊03'19	24°43'23
	-1360 May 09 j 04:27	0°♊	
desc. node	-1360 May 17 j 21:17	6°♊02'25	
retrograde	-1360 May 23 j 05:12	7°♊07'36	
evening set	-1360 May 28 j 03:51	6°♊12'15	
min. Earth dist.	-1360 Jun 02 j 17:34	3°♊18'54	0.57143 AU
inferior conj	-1360 Jun 05 j 14:55	1°♊25'35	-4°-15'-9
minimum elong	-1360 Jun 05 j 10:22	1°♊33'05	4°14'30
	-1360 Jun 07 j 20:26	30°℞♉	
morning rise	-1360 Jun 13 j 20:47	27°♉17'30	
direct	-1360 Jun 16 j 09:57	26°♉59'09	
	-1360 Jun 24 j 02:36	0°♊	
morning max el	-1360 Jun 25 j 13:06	1°♊14'13	19°18'35
asc. node	-1360 Jul 04 j 06:20	12°♊48'59	
morning set	-1360 Jul 12 j 14:40	28°♊24'57	
	-1360 Jul 13 j 09:45	0°♋	
superior conj	-1360 Jul 20 j 20:34	14°♋47'49	1°47'52
minimum elong	-1360 Jul 20 j 20:18	14°♋46'32	1°47'52
max. Earth dist.	-1360 Jul 27 j 03:31	26°♋42'21	1.38040 AU
	-1360 Jul 28 j 23:02	0°♌	
evening rise	-1360 Jul 31 j 00:09	3°♌38'29	
desc. node	-1360 Aug 13 j 20:40	26°♌16'26	
	-1360 Aug 16 j 08:32	0°♍	
evening max el	-1360 Sep 04 j 17:51	24°♍40'02	24°58'58
	-1360 Sep 11 j 11:42	0°♎	
retrograde	-1360 Sep 16 j 10:45	1°♎27'41	
	-1360 Sep 20 j 22:03	30°℞♍	
evening set	-1360 Sep 22 j 03:21	29°♍03'57	
min. Earth dist.	-1360 Sep 26 j 16:56	23°♍53'58	0.67166 AU
inferior conj	-1360 Sep 27 j 14:35	22°♍42'37	0°-53'-54
minimum elong	-1360 Sep 27 j 15:55	22°♍38'15	0°53'21
asc. node	-1360 Sep 30 j 05:29	19°♍24'59	
morning rise	-1360 Oct 03 j 04:55	16°♍38'54	
direct	-1360 Oct 06 j 17:06	15°♍27'48	
morning max el	-1360 Oct 14 j 05:15	19°♍46'24	19°52'03
greatest brilliancy	-1360 Oct 21 j 21:49	29°♍19'48	-0.6m
	-1360 Oct 22 j 09:17	0°♎	
morning set	-1360 Nov 08 j 23:22	26°♎26'49	
desc. node	-1360 Nov 09 j 20:01	27°♎46'45	
	-1360 Nov 11 j 06:21	0°♏	
max. Earth dist.	-1360 Nov 20 j 21:48	15°♏09'29	1.44075 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1360 Nov 25 j 16:06	22°♏48'26	-1°-31'-29
minimum elong	-1360 Nov 25 j 08:32	22°♏17'49	1°30'49
	-1360 Nov 30 j 01:42	0°♐	
evening rise	-1360 Dec 09 j 04:36	15°♐18'50	
	-1360 Dec 17 j 21:02	0°♑	
asc. node	-1360 Dec 27 j 04:43	13°♑11'24	
evening max el	-1360 Dec 27 j 10:48	13°♑27'01	18°16'24
retrograde	-1359 Jan 02 j 22:56	16°♑57'34	
evening set	-1359 Jan 05 j 19:10	16°♑14'56	
inferior conj	-1359 Jan 11 j 23:14	10°♑51'07	3°47'55
minimum elong	-1359 Jan 11 j 21:33	10°♑55'46	3°47'44
min. Earth dist.	-1359 Jan 14 j 09:45	8°♑10'15	0.63459 AU
morning rise	-1359 Jan 17 j 22:18	4°♑50'14	
direct	-1359 Jan 24 j 22:10	2°♑04'24	
desc. node	-1359 Feb 05 j 19:10	8°♑05'59	
morning max el	-1359 Feb 07 j 16:18	9°♑53'01	27°39'31
	-1359 Feb 23 j 10:52	0°♒	
	-1359 Mar 12 j 18:17	0°♓	
morning set	-1359 Mar 14 j 03:36	2°♓44'40	
max. Earth dist.	-1359 Mar 19 j 10:50	13°♓38'56	1.33168 AU
superior conj	-1359 Mar 21 j 21:35	18°♓51'42	0°-33'-52
minimum elong	-1359 Mar 21 j 23:10	19°♓00'13	0°33'34
asc. node	-1359 Mar 25 j 04:05	25°♓54'30	
	-1359 Mar 27 j 01:46	0°♈	
evening rise	-1359 Mar 29 j 01:11	4°♈11'46	
	-1359 Apr 12 j 03:42	0°♉	
evening max el	-1359 Apr 20 j 21:02	10°♉41'38	23°09'21
retrograde	-1359 May 04 j 07:23	17°♉21'51	
desc. node	-1359 May 04 j 18:19	17°♉21'23	
evening set	-1359 May 07 j 20:34	16°♉54'16	
min. Earth dist.	-1359 May 15 j 06:53	13°♉34'10	0.55711 AU
inferior conj	-1359 May 17 j 00:33	12°♉33'19	-3°-11'-36
minimum elong	-1359 May 16 j 17:44	12°♉43'19	3°09'48
morning rise	-1359 May 25 j 18:02	8°♉37'59	
direct	-1359 May 28 j 10:11	8°♉20'47	
morning max el	-1359 Jun 08 j 03:19	13°♉18'47	20°27'43
	-1359 Jun 20 j 02:58	0°♊	
asc. node	-1359 Jun 21 j 03:24	1°♊51'31	
morning set	-1359 Jun 26 j 19:59	13°♊01'03	
superior conj	-1359 Jul 04 j 12:42	28°♊49'27	1°42'39
minimum elong	-1359 Jul 04 j 10:59	28°♊40'49	1°42'34
	-1359 Jul 05 j 02:38	0°♋	
max. Earth dist.	-1359 Jul 09 j 09:57	8°♋31'39	1.36221 AU
evening rise	-1359 Jul 13 j 12:09	16°♋16'36	
	-1359 Jul 21 j 07:03	0°♌	
desc. node	-1359 Jul 31 j 17:40	16°♌23'34	
	-1359 Aug 10 j 19:06	0°♍	
evening max el	-1359 Aug 18 j 05:11	8°♍15'09	26°07'09
retrograde	-1359 Aug 30 j 18:26	15°♍23'15	
evening set	-1359 Sep 06 j 01:39	12°♍45'03	
min. Earth dist.	-1359 Sep 10 j 07:03	8°♍12'28	0.66477 AU
inferior conj	-1359 Sep 11 j 16:15	6°♍28'58	-1°-48'-45
minimum elong	-1359 Sep 11 j 18:55	6°♍20'37	1°47'42
asc. node	-1359 Sep 17 j 02:34	0°♍52'00	
morning rise	-1359 Sep 17 j 13:03	0°♍35'31	
	-1359 Sep 18 j 19:06	30°℞♌	
direct	-1359 Sep 20 j 15:23	29°♌40'29	
	-1359 Sep 22 j 12:38	0°♍	
morning max el	-1359 Sep 27 j 13:03	3°♍32'49	18°57'34
	-1359 Oct 16 j 00:06	0°♎	
morning set	-1359 Oct 19 j 10:56	5°♎26'24	
desc. node	-1359 Oct 27 j 17:03	18°♎25'46	
max. Earth dist.	-1359 Nov 03 j 14:40	29°♎16'45	1.44850 AU
	-1359 Nov 04 j 01:39	0°♏	

superior conj	-1359 Nov 04 j 22:40	1°♏22'51	0°-51'-44
minimum elong	-1359 Nov 04 j 16:16	0°♏57'36	0°50'58
evening rise	-1359 Nov 20 j 08:17	26°♏00'07	
	-1359 Nov 22 j 19:21	0°♐	
evening max el	-1359 Dec 10 j 22:23	26°♐50'20	18°43'09
asc. node	-1359 Dec 14 j 01:47	29°♐27'42	
	-1359 Dec 15 j 01:41	0°♑	
retrograde	-1359 Dec 17 j 15:28	0°♑36'18	
	-1359 Dec 20 j 04:05	30°℞♐	
evening set	-1359 Dec 20 j 16:53	29°♐43'11	
inferior conj	-1359 Dec 26 j 13:23	24°♐01'18	3°25'34
minimum elong	-1359 Dec 26 j 10:42	24°♐09'24	3°25'01
min. Earth dist.	-1359 Dec 28 j 08:42	21°♐50'26	0.65008 AU
morning rise	-1358 Jan 01 j 03:25	17°♐52'55	
direct	-1358 Jan 07 j 20:14	15°♐02'04	
morning max el	-1358 Jan 21 j 01:58	22°♐43'24	27°02'27
desc. node	-1358 Jan 23 j 16:14	25°♐27'23	
	-1358 Jan 27 j 13:14	0°♑	
	-1358 Feb 16 j 16:49	0°♒	
morning set	-1358 Feb 25 j 16:43	16°♒23'53	
max. Earth dist.	-1358 Mar 02 j 07:05	25°♒30'13	1.34162 AU
	-1358 Mar 04 j 11:41	0°♓	
superior conj	-1358 Mar 06 j 00:41	3°♓12'35	0°-59'-41
minimum elong	-1358 Mar 06 j 03:25	3°♓26'52	0°59'13
asc. node	-1358 Mar 12 j 01:07	15°♓54'56	
evening rise	-1358 Mar 13 j 11:26	18°♓54'33	
	-1358 Mar 19 j 00:20	0°♈	
evening max el	-1358 Apr 02 j 17:01	21°♈27'16	21°37'07
retrograde	-1358 Apr 14 j 23:21	27°♈24'52	
evening set	-1358 Apr 17 j 12:11	27°♈10'21	
desc. node	-1358 Apr 21 j 15:21	25°♈51'10	
inferior conj	-1358 Apr 26 j 20:57	23°♈08'20	-1°-28'-11
minimum elong	-1358 Apr 26 j 16:52	23°♈14'04	1°26'47
min. Earth dist.	-1358 Apr 26 j 20:04	23°♈09'35	0.55061 AU
morning rise	-1358 May 05 j 22:16	19°♈09'37	
direct	-1358 May 08 j 21:56	18°♈50'03	
morning max el	-1358 May 21 j 06:38	24°♈40'49	21°55'04
	-1358 May 26 j 02:43	0°♉	
asc. node	-1358 Jun 08 j 00:28	21°♉20'12	
morning set	-1358 Jun 11 j 05:21	27°♉51'04	
	-1358 Jun 12 j 06:05	0°♊	
superior conj	-1358 Jun 18 j 13:27	13°♊18'13	1°31'09
minimum elong	-1358 Jun 18 j 11:02	13°♊05'30	1°30'55
max. Earth dist.	-1358 Jun 22 j 00:40	20°♊28'32	1.34718 AU
evening rise	-1358 Jun 26 j 16:49	29°♊45'07	
	-1358 Jun 26 j 19:54	0°♋	
	-1358 Jul 14 j 09:23	0°♌	
desc. node	-1358 Jul 18 j 14:41	6°♌05'20	
evening max el	-1358 Jul 31 j 16:49	21°♌44'57	26°57'44
retrograde	-1358 Aug 13 j 21:05	29°♌03'47	
evening set	-1358 Aug 20 j 16:39	26°♌18'08	
min. Earth dist.	-1358 Aug 24 j 14:30	22°♌23'33	0.65426 AU
inferior conj	-1358 Aug 26 j 12:24	20°♌10'51	-2°-41'-38
minimum elong	-1358 Aug 26 j 16:13	19°♌59'47	2°40'20
morning rise	-1358 Sep 01 j 17:09	14°♌30'45	
asc. node	-1358 Sep 03 j 23:39	13°♌49'40	
direct	-1358 Sep 04 j 12:01	13°♌48'12	
morning max el	-1358 Sep 11 j 01:56	17°♌23'31	18°19'15
	-1358 Sep 20 j 08:28	0°♍	
morning set	-1358 Sep 30 j 01:53	15°♍47'39	
	-1358 Oct 08 j 19:57	0°♎	
superior conj	-1358 Oct 14 j 23:29	9°♎47'28	0°-2'-33
minimum elong	-1358 Oct 14 j 23:10	9°♎46'09	0°02'33
behind sun begin	-1358 Oct 14 j 12:08	9°♎02'30	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

behind sun end	-1358 Oct 15 j 10:12	10°♎29'47	
desc. node	-1358 Oct 14 j 14:05	9°♎10'14	
max. Earth dist.	-1358 Oct 17 j 09:11	13°♎35'09	1.44893 AU
	-1358 Oct 27 j 20:27	0°♏	
evening rise	-1358 Oct 31 j 12:00	5°♏42'20	
greatest brilliancy	-1358 Nov 15 j 08:18	28°♏36'31	-0.7m
	-1358 Nov 16 j 07:06	0°♐	
evening max el	-1358 Nov 24 j 06:46	10°♐17'09	19°26'51
asc. node	-1358 Nov 30 j 22:50	14°♐25'42	
retrograde	-1358 Dec 01 j 11:51	14°♐27'22	
evening set	-1358 Dec 04 j 20:08	13°♐21'57	
inferior conj	-1358 Dec 10 j 11:15	7°♐25'00	2°52'07
minimum elong	-1358 Dec 10 j 08:20	7°♐34'27	2°51'16
min. Earth dist.	-1358 Dec 11 j 16:24	5°♐50'39	0.66186 AU
morning rise	-1358 Dec 15 j 19:45	1°♐11'45	
	-1358 Dec 17 j 08:29	30°℞♏	
direct	-1358 Dec 22 j 00:34	28°♏28'32	
	-1358 Dec 27 j 04:44	0°♐	
morning max el	-1357 Jan 03 j 11:26	5°♐50'13	25°58'56
desc. node	-1357 Jan 10 j 13:19	13°♐53'27	
	-1357 Jan 22 j 04:10	0°♑	
morning set	-1357 Feb 08 j 16:01	29°♑16'56	
	-1357 Feb 09 j 01:19	0°♒	
max. Earth dist.	-1357 Feb 12 j 15:15	6°♒46'44	1.35613 AU
superior conj	-1357 Feb 17 j 20:31	17°♒06'36	-1°-23'-33
minimum elong	-1357 Feb 18 j 00:00	17°♒24'17	1°23'05
	-1357 Feb 24 j 03:10	0°♓	
evening rise	-1357 Feb 25 j 18:18	3°♓20'54	
asc. node	-1357 Feb 26 j 22:10	5°♓42'34	
	-1357 Mar 13 j 09:48	0°♈	
evening max el	-1357 Mar 15 j 23:00	2°♈43'23	20°17'20
retrograde	-1357 Mar 26 j 13:35	7°♈47'48	
evening set	-1357 Mar 28 j 17:48	7°♈35'54	
inferior conj	-1357 Apr 06 j 17:19	3°♈37'42	0°30'22
minimum elong	-1357 Apr 06 j 18:40	3°♈35'40	0°29'54
min. Earth dist.	-1357 Apr 08 j 10:08	2°♈37'21	0.55362 AU
desc. node	-1357 Apr 08 j 12:24	2°♈34'03	
	-1357 Apr 13 j 13:29	30°℞♓	
morning rise	-1357 Apr 15 j 17:08	29°♓16'43	
direct	-1357 Apr 19 j 10:58	28°♓46'08	
	-1357 Apr 25 j 04:38	0°♈	
morning max el	-1357 May 03 j 01:05	5°♈26'55	23°33'54
	-1357 May 20 j 06:36	0°♉	
asc. node	-1357 May 25 j 21:31	11°♉07'46	
morning set	-1357 May 26 j 16:53	12°♉48'52	
superior conj	-1357 Jun 02 j 19:56	28°♉04'42	1°14'50
minimum elong	-1357 Jun 02 j 17:24	27°♉51'07	1°14'29
	-1357 Jun 03 j 17:28	0°♊	
max. Earth dist.	-1357 Jun 05 j 00:56	2°♊47'23	1.33595 AU
evening rise	-1357 Jun 10 j 09:36	13°♊50'40	
	-1357 Jun 18 j 23:54	0°♋	
desc. node	-1357 Jul 05 j 11:42	25°♋10'34	
	-1357 Jul 09 j 10:41	0°♌	
evening max el	-1357 Jul 14 j 03:53	4°♌58'53	27°23'26
retrograde	-1357 Jul 27 j 18:04	12°♌20'15	
evening set	-1357 Aug 03 j 21:19	9°♌37'59	
min. Earth dist.	-1357 Aug 07 j 13:16	6°♌18'42	0.64007 AU
inferior conj	-1357 Aug 10 j 00:33	3°♌42'54	-3°-29'-50
minimum elong	-1357 Aug 10 j 04:58	3°♌31'16	3°28'39
	-1357 Aug 13 j 21:42	30°℞♋	
morning rise	-1357 Aug 16 j 14:32	28°♋19'18	
direct	-1357 Aug 19 j 04:26	27°♋45'49	
asc. node	-1357 Aug 21 j 20:44	28°♋22'12	
	-1357 Aug 24 j 09:34	0°♌	
morning max el	-1357 Aug 25 j 17:11	1°♌12'19	17°58'07
morning set	-1357 Sep 11 j 19:40	27°♌25'59	
	-1357 Sep 13 j 07:35	0°♍	
superior conj	-1357 Sep 24 j 16:10	19°♍01'25	0°43'28
minimum elong	-1357 Sep 24 j 20:38	19°♍19'40	0°42'54
max. Earth dist.	-1357 Sep 30 j 02:14	27°♍45'52	1.44219 AU
desc. node	-1357 Oct 01 j 11:06	29°♍56'29	
	-1357 Oct 01 j 11:59	0°♎	
evening rise	-1357 Oct 10 j 21:31	14°♎40'43	
	-1357 Oct 20 j 22:59	0°♏	
greatest brilliancy	-1357 Nov 01 j 03:14	16°♏07'53	-0.5m
evening max el	-1357 Nov 07 j 10:11	23°♏44'39	20°25'34
retrograde	-1357 Nov 15 j 09:20	28°♏26'18	
asc. node	-1357 Nov 17 j 19:55	27°♏52'08	
evening set	-1357 Nov 19 j 02:38	27°♏06'16	
inferior conj	-1357 Nov 24 j 14:11	20°♏57'35	2°10'36
minimum elong	-1357 Nov 24 j 11:36	21°♏06'18	2°09'41
min. Earth dist.	-1357 Nov 25 j 06:44	20°♏01'38	0.66992 AU
morning rise	-1357 Nov 29 j 20:03	14°♏41'53	
direct	-1357 Dec 05 j 10:14	12°♏15'16	
morning max el	-1357 Dec 16 j 19:48	19°♏02'59	24°38'35
	-1357 Dec 26 j 02:56	0°♐	
desc. node	-1357 Dec 28 j 10:22	3°♐04'51	
	-1356 Jan 15 j 07:01	0°♑	
morning set	-1356 Jan 21 j 19:56	11°♑08'04	
max. Earth dist.	-1356 Jan 25 j 13:19	17°♑48'33	1.37470 AU
superior conj	-1356 Feb 01 j 05:53	0°♒25'06	-1°-43'-27
minimum elong	-1356 Feb 01 j 09:21	0°♒41'56	1°43'09
	-1356 Feb 01 j 00:42	0°♒	
evening rise	-1356 Feb 09 j 19:32	17°♒24'30	
asc. node	-1356 Feb 13 j 19:12	25°♒12'18	
	-1356 Feb 16 j 09:14	0°♓	
evening max el	-1356 Feb 26 j 16:02	14°♓37'29	19°15'29
retrograde	-1356 Mar 06 j 14:44	18°♓54'35	
evening set	-1356 Mar 08 j 20:40	18°♓39'34	
inferior conj	-1356 Mar 17 j 03:06	14°♓29'54	2°11'18
minimum elong	-1356 Mar 17 j 07:33	14°♓22'26	2°10'00
min. Earth dist.	-1356 Mar 20 j 01:16	12°♓32'56	0.56548 AU
desc. node	-1356 Mar 25 j 09:27	9°♓42'16	
morning rise	-1356 Mar 25 j 14:29	9°♓37'33	
direct	-1356 Mar 30 j 11:27	8°♓42'41	
morning max el	-1356 Apr 13 j 15:45	15°♓58'06	25°12'13
	-1356 Apr 24 j 22:56	0°♈	
morning set	-1356 May 10 j 04:57	27°♈49'06	
	-1356 May 11 j 05:41	0°♉	
asc. node	-1356 May 11 j 18:33	1°♉08'36	
superior conj	-1356 May 17 j 05:56	13°♉01'36	0°54'50
minimum elong	-1356 May 17 j 03:47	12°♉49'55	0°54'28
max. Earth dist.	-1356 May 18 j 09:02	15°♉29'04	1.32853 AU
evening rise	-1356 May 24 j 10:53	28°♉22'07	
	-1356 May 25 j 06:04	0°♊	
	-1356 Jun 11 j 05:36	0°♋	
desc. node	-1356 Jun 21 j 08:41	13°♋24'08	
evening max el	-1356 Jun 25 j 12:17	17°♋44'46	27°18'34
retrograde	-1356 Jul 09 j 08:31	25°♋04'02	
evening set	-1356 Jul 16 j 11:55	22°♋38'30	
min. Earth dist.	-1356 Jul 20 j 01:59	19°♋46'37	0.62249 AU
inferior conj	-1356 Jul 23 j 01:45	16°♋58'48	-4°-9'-11
minimum elong	-1356 Jul 23 j 05:43	16°♋49'30	4°08'29
morning rise	-1356 Jul 30 j 02:02	11°♋54'50	
direct	-1356 Aug 01 j 13:28	11°♋27'37	
asc. node	-1356 Aug 07 j 17:47	14°♋19'50	
morning max el	-1356 Aug 08 j 08:05	14°♋53'33	17°55'12
	-1356 Aug 18 j 18:41	0°♌	
morning set	-1356 Aug 24 j 10:49	10°♌06'07	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1356 Sep 04 j 11:46	29°♌35'34	1°17'45
minimum elong	-1356 Sep 04 j 16:52	29°♌57'21	1°17'14
	-1356 Sep 04 j 17:29	0°♍	
max. Earth dist.	-1356 Sep 11 j 15:46	11°♍34'19	1.42921 AU
desc. node	-1356 Sep 17 j 08:06	20°♍41'38	
evening rise	-1356 Sep 19 j 04:55	23°♍37'45	
	-1356 Sep 23 j 07:41	0°♎	
	-1356 Oct 14 j 03:59	0°♏	
greatest brilliancy	-1356 Oct 15 j 09:08	1°♏32'21	-0.4m
evening max el	-1356 Oct 20 j 07:45	7°♏12'26	21°36'13
retrograde	-1356 Oct 29 j 06:00	12°♏30'36	
evening set	-1356 Nov 02 j 10:27	10°♏53'42	
asc. node	-1356 Nov 03 j 16:58	9°♏45'31	
inferior conj	-1356 Nov 07 j 20:03	4°♏36'35	1°23'15
minimum elong	-1356 Nov 07 j 18:14	4°♏42'51	1°22'30
min. Earth dist.	-1356 Nov 08 j 01:18	4°♏18'27	0.67452 AU
	-1356 Nov 11 j 09:44	30°℞♎	
morning rise	-1356 Nov 13 j 01:43	28°♎20'55	
direct	-1356 Nov 18 j 00:30	26°♎15'45	
	-1356 Nov 25 j 17:29	0°♏	
morning max el	-1356 Nov 28 j 05:03	2°♏19'37	23°11'25
greatest brilliancy	-1356 Dec 03 j 06:10	7°♏59'31	-0.3m
desc. node	-1356 Dec 14 j 07:24	22°♏48'29	
	-1356 Dec 19 j 05:05	0°♐	
morning set	-1355 Jan 01 j 22:10	21°♐40'45	
max. Earth dist.	-1355 Jan 06 j 08:39	29°♐13'34	1.39563 AU
	-1355 Jan 06 j 19:21	0°♑	
superior conj	-1355 Jan 14 j 00:33	12°♑56'40	-1°-56'-32
minimum elong	-1355 Jan 14 j 02:36	13°♑06'10	1°56'30
	-1355 Jan 23 j 00:17	0°♒	
evening rise	-1355 Jan 23 j 12:24	0°♒58'11	
asc. node	-1355 Jan 30 j 16:14	14°♒17'31	
evening max el	-1355 Feb 08 j 18:13	27°♒04'54	18°33'26
	-1355 Feb 12 j 19:36	0°♓	
retrograde	-1355 Feb 16 j 10:28	0°♓49'59	
evening set	-1355 Feb 18 j 20:33	0°♓28'53	
	-1355 Feb 20 j 04:58	30°℞♒	
inferior conj	-1355 Feb 26 j 09:10	25°♒59'29	3°17'19
minimum elong	-1355 Feb 26 j 13:02	25°♒51'55	3°16'35
min. Earth dist.	-1355 Mar 01 j 18:53	23°♒20'48	0.58348 AU
morning rise	-1355 Mar 06 j 01:42	20°♒38'17	
direct	-1355 Mar 12 j 01:05	19°♒07'53	
desc. node	-1355 Mar 12 j 06:30	19°♒08'01	
morning max el	-1355 Mar 26 j 08:44	26°♒42'34	26°34'50
	-1355 Mar 29 j 12:02	0°♓	
	-1355 Apr 18 j 06:25	0°♈	
morning set	-1355 Apr 24 j 15:48	12°♈44'55	
asc. node	-1355 Apr 28 j 15:34	21°♈16'57	
superior conj	-1355 May 01 j 17:29	28°♈01'20	0°32'02
minimum elong	-1355 May 01 j 16:07	27°♈53'48	0°31'45
max. Earth dist.	-1355 May 01 j 21:26	28°♈22'57	1.32473 AU
	-1355 May 02 j 15:08	0°♉	
evening rise	-1355 May 08 j 17:47	13°♉08'53	
	-1355 May 17 j 08:53	0°♊	
evening max el	-1355 Jun 07 j 15:11	29°♊49'10	26°40'37
	-1355 Jun 07 j 19:46	0°♋	
desc. node	-1355 Jun 08 j 05:43	0°♋23'12	
retrograde	-1355 Jun 21 j 15:07	7°♋05'31	
evening set	-1355 Jun 28 j 07:57	5°♋09'57	
min. Earth dist.	-1355 Jul 02 j 04:34	2°♋31'27	0.60246 AU
	-1355 Jul 05 j 06:48	30°℞♊	
inferior conj	-1355 Jul 05 j 12:26	29°♊48'22	-4°-33'-10
minimum elong	-1355 Jul 05 j 14:16	29°♊44'36	4°33'02
morning rise	-1355 Jul 12 j 23:48	25°♊06'45	
direct	-1355 Jul 15 j 10:56	24°♊43'52	
morning max el	-1355 Jul 22 j 19:40	28°♊18'47	18°11'36
	-1355 Jul 24 j 10:10	0°♋	
asc. node	-1355 Jul 25 j 14:49	1°♋26'23	
morning set	-1355 Aug 07 j 17:37	23°♋31'33	
	-1355 Aug 11 j 04:14	0°♌	
superior conj	-1355 Aug 17 j 09:26	11°♌27'10	1°38'29
minimum elong	-1355 Aug 17 j 12:40	11°♌41'43	1°38'17
max. Earth dist.	-1355 Aug 24 j 23:51	24°♌44'37	1.41156 AU
	-1355 Aug 28 j 03:16	0°♍	
evening rise	-1355 Aug 30 j 03:56	3°♍19'17	
desc. node	-1355 Sep 04 j 05:06	11°♍22'07	
	-1355 Sep 16 j 16:14	0°♎	
greatest brilliancy	-1355 Sep 27 j 21:13	14°♎57'35	-0.3m
evening max el	-1355 Oct 02 j 23:48	20°♎40'59	22°54'33
retrograde	-1355 Oct 13 j 00:21	26°♎37'46	
evening set	-1355 Oct 17 j 17:54	24°♎42'22	
asc. node	-1355 Oct 21 j 14:00	20°♎26'27	
inferior conj	-1355 Oct 23 j 02:59	18°♎20'28	0°31'47
minimum elong	-1355 Oct 23 j 02:15	18°♎23'02	0°31'28
min. Earth dist.	-1355 Oct 22 j 21:45	18°♎38'31	0.67585 AU
morning rise	-1355 Oct 28 j 10:34	12°♎07'17	
direct	-1355 Nov 01 j 18:32	10°♎24'40	
morning max el	-1355 Nov 10 j 18:38	15°♎43'08	21°46'24
greatest brilliancy	-1355 Nov 15 j 16:02	21°♎16'56	-0.4m
	-1355 Nov 22 j 06:02	0°♏	
desc. node	-1355 Dec 01 j 04:26	12°♏55'14	
	-1355 Dec 12 j 06:44	0°♐	
morning set	-1355 Dec 12 j 19:22	0°♐50'14	
max. Earth dist.	-1355 Dec 19 j 08:33	11°♐29'13	1.41609 AU
superior conj	-1355 Dec 26 j 23:15	24°♐28'06	-1°-59'-4
minimum elong	-1355 Dec 26 j 22:02	24°♐22'43	1°59'06
	-1355 Dec 30 j 02:17	0°♑	
evening rise	-1354 Jan 06 j 17:32	13°♑54'26	
	-1354 Jan 15 j 18:22	0°♒	
asc. node	-1354 Jan 17 j 13:17	2°♒50'22	
evening max el	-1354 Jan 23 j 02:43	9°♒57'50	18°11'28
retrograde	-1354 Jan 30 j 00:13	13°♒26'55	
evening set	-1354 Feb 01 j 14:06	12°♒58'21	
inferior conj	-1354 Feb 08 j 11:36	8°♒07'13	3°48'59
minimum elong	-1354 Feb 08 j 13:08	8°♒03'44	3°48'52
min. Earth dist.	-1354 Feb 11 j 18:15	5°♒09'35	0.60406 AU
morning rise	-1354 Feb 15 j 09:09	2°♒25'08	
direct	-1354 Feb 22 j 02:23	0°♒17'20	
desc. node	-1354 Feb 27 j 03:34	1°♒23'56	
morning max el	-1354 Mar 08 j 07:48	8°♒02'38	27°28'19
	-1354 Mar 25 j 00:55	0°♓	
morning set	-1354 Apr 08 j 23:42	27°♓30'18	
	-1354 Apr 10 j 04:27	0°♈	
max. Earth dist.	-1354 Apr 15 j 10:17	11°♈16'10	1.32448 AU
asc. node	-1354 Apr 15 j 12:36	11°♈28'47	
superior conj	-1354 Apr 16 j 04:59	12°♈58'27	0°07'14
minimum elong	-1354 Apr 16 j 04:40	12°♈56'39	0°07'09
behind sun begin	-1354 Apr 16 j 00:09	12°♈31'56	
behind sun end	-1354 Apr 16 j 09:11	13°♈21'23	
evening rise	-1354 Apr 23 j 04:04	28°♈03'24	
	-1354 Apr 24 j 02:19	0°♉	
	-1354 May 11 j 02:37	0°♊	
evening max el	-1354 May 20 j 11:13	11°♊08'28	25°32'30
desc. node	-1354 May 26 j 02:44	15°♊37'49	
retrograde	-1354 Jun 03 j 12:33	18°♊20'11	
evening set	-1354 Jun 09 j 05:46	17°♊02'59	
min. Earth dist.	-1354 Jun 13 j 23:17	14°♊19'45	0.58206 AU
inferior conj	-1354 Jun 17 j 05:04	12°♊02'11	-4°-31'-58
minimum elong	-1354 Jun 17 j 03:00	12°♊05'52	4°31'50

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning rise	-1354 Jun 25 j 04:07	7°♊43'17	
direct	-1354 Jun 27 j 16:17	7°♊23'36	
morning max el	-1354 Jul 06 j 01:02	11°♊19'46	18°48'15
asc. node	-1354 Jul 12 j 11:51	19°♊27'18	
	-1354 Jul 18 j 13:52	0°♋	
morning set	-1354 Jul 22 j 11:38	7°♋30'39	
superior conj	-1354 Jul 31 j 03:46	24°♋21'06	1°47'17
minimum elong	-1354 Jul 31 j 04:39	24°♋25'19	1°47'16
	-1354 Aug 03 j 04:09	0°♌	
max. Earth dist.	-1354 Aug 07 j 03:01	7°♌09'49	1.39167 AU
evening rise	-1354 Aug 11 j 03:40	14°♌10'49	
	-1354 Aug 20 j 20:40	0°♍	
desc. node	-1354 Aug 22 j 02:07	1°♍53'46	
	-1354 Sep 11 j 14:29	0°♎	
evening max el	-1354 Sep 15 j 12:09	4°♎11'51	24°14'47
retrograde	-1354 Sep 26 j 15:18	10°♎43'56	
evening set	-1354 Oct 01 j 23:16	8°♎29'58	
min. Earth dist.	-1354 Oct 06 j 17:41	2°♎59'37	0.67404 AU
inferior conj	-1354 Oct 07 j 09:16	2°♎07'04	0°-22'-14
minimum elong	-1354 Oct 07 j 09:49	2°♎05'16	0°22'01
asc. node	-1354 Oct 08 j 11:04	0°♎40'55	
	-1354 Oct 08 j 23:41	30°℞♍	
morning rise	-1354 Oct 12 j 20:39	25°♍59'04	
direct	-1354 Oct 16 j 15:23	24°♍37'25	
morning max el	-1354 Oct 24 j 15:06	29°♍15'48	20°30'09
	-1354 Oct 25 j 08:06	0°♎	
greatest brilliancy	-1354 Oct 30 j 23:14	6°♎50'00	-0.5m
	-1354 Nov 15 j 21:35	0°♏	
desc. node	-1354 Nov 18 j 01:28	3°♏18'04	
morning set	-1354 Nov 21 j 19:06	9°♏03'33	
max. Earth dist.	-1354 Dec 01 j 15:36	24°♏37'12	1.43325 AU
	-1354 Dec 04 j 23:07	0°♐	
superior conj	-1354 Dec 07 j 20:38	4°♐46'39	-1°-46'-42
minimum elong	-1354 Dec 07 j 14:56	4°♐22'58	1°46'21
evening rise	-1354 Dec 20 j 06:49	26°♐04'01	
	-1354 Dec 22 j 12:37	0°♑	
asc. node	-1353 Jan 04 j 10:20	20°♑40'14	
evening max el	-1353 Jan 06 j 14:35	23°♑07'32	18°09'08
retrograde	-1353 Jan 13 j 03:39	26°♑34'14	
evening set	-1353 Jan 15 j 21:19	25°♑57'11	
inferior conj	-1353 Jan 22 j 06:56	20°♑45'01	3°54'01
minimum elong	-1353 Jan 22 j 06:12	20°♑46'53	3°53'59
min. Earth dist.	-1353 Jan 25 j 02:01	17°♑52'11	0.62416 AU
morning rise	-1353 Jan 28 j 12:58	14°♑49'25	
direct	-1353 Feb 04 j 13:17	12°♑13'02	
desc. node	-1353 Feb 14 j 00:38	16°♑06'14	
morning max el	-1353 Feb 18 j 12:44	20°♑03'04	27°45'47
	-1353 Feb 27 j 02:15	0°♒	
	-1353 Mar 17 j 22:47	0°♓	
morning set	-1353 Mar 24 j 02:32	11°♓57'25	
max. Earth dist.	-1353 Mar 29 j 19:37	23°♓54'07	1.32788 AU
superior conj	-1353 Mar 31 j 14:44	27°♓46'42	0°-18'-46
minimum elong	-1353 Mar 31 j 15:37	27°♓51'27	0°18'36
	-1353 Apr 01 j 15:19	0°♈	
asc. node	-1353 Apr 02 j 09:39	1°♈39'39	
evening rise	-1353 Apr 07 j 15:46	12°♈58'31	
	-1353 Apr 16 j 07:46	0°♉	
evening max el	-1353 May 02 j 02:37	21°♉54'34	24°04'02
desc. node	-1353 May 12 j 23:46	28°♉31'44	
retrograde	-1353 May 15 j 22:36	28°♉51'40	
evening set	-1353 May 20 j 06:28	28°♉09'59	
min. Earth dist.	-1353 May 26 j 13:57	25°♉06'25	0.56446 AU
inferior conj	-1353 May 29 j 01:36	23°♉33'55	-3°-53'-41
minimum elong	-1353 May 28 j 19:36	23°♉43'17	3°52'31
morning rise	-1353 Jun 06 j 12:34	19°♉32'48	
direct	-1353 Jun 09 j 02:29	19°♉15'20	
morning max el	-1353 Jun 18 j 21:25	23°♉47'22	19°45'39
	-1353 Jun 24 j 05:11	0°♊	
asc. node	-1353 Jun 29 j 08:55	8°♊10'19	
morning set	-1353 Jul 06 j 13:36	21°♊55'09	
	-1353 Jul 10 j 13:20	0°♋	
superior conj	-1353 Jul 14 j 13:16	8°♋01'53	1°46'32
minimum elong	-1353 Jul 14 j 12:18	7°♋57'06	1°46'31
max. Earth dist.	-1353 Jul 20 j 06:09	19°♋03'36	1.37224 AU
evening rise	-1353 Jul 24 j 03:45	26°♋13'38	
	-1353 Jul 26 j 06:45	0°♌	
desc. node	-1353 Aug 08 j 23:08	22°♌11'45	
	-1353 Aug 14 j 08:40	0°♍	
evening max el	-1353 Aug 28 j 23:23	17°♍46'32	25°29'43
retrograde	-1353 Sep 10 j 01:56	24°♍44'59	
evening set	-1353 Sep 16 j 00:45	22°♍14'32	
min. Earth dist.	-1353 Sep 20 j 10:45	17°♍20'04	0.66906 AU
inferior conj	-1353 Sep 21 j 13:11	15°♍54'43	-1°-17'-15
minimum elong	-1353 Sep 21 j 15:05	15°♍48'33	1°16'28
asc. node	-1353 Sep 25 j 08:07	11°♍27'45	
morning rise	-1353 Sep 27 j 06:03	9°♍54'48	
direct	-1353 Sep 30 j 13:41	8°♍51'05	
morning max el	-1353 Oct 07 j 19:01	12°♍57'50	19°26'59
greatest brilliancy	-1353 Oct 17 j 00:41	24°♍52'37	-0.7m
	-1353 Oct 20 j 11:27	0°♎	
morning set	-1353 Oct 31 j 19:42	17°♎27'39	
desc. node	-1353 Nov 04 j 22:31	23°♎52'27	
	-1353 Nov 08 j 20:32	0°♏	
max. Earth dist.	-1353 Nov 14 j 05:12	8°♏26'32	1.44491 AU
superior conj	-1353 Nov 17 j 15:23	13°♏53'02	-1°-16'-29
minimum elong	-1353 Nov 17 j 07:30	13°♏21'38	1°15'40
	-1353 Nov 27 j 13:56	0°♐	
evening rise	-1353 Dec 01 j 23:53	7°♐19'18	
	-1353 Dec 15 j 23:52	0°♑	
evening max el	-1353 Dec 21 j 03:05	6°♑27'54	18°25'35
asc. node	-1353 Dec 22 j 07:23	7°♑34'59	
retrograde	-1353 Dec 27 j 16:26	10°♑03'39	
evening set	-1353 Dec 30 j 14:39	9°♑16'51	
inferior conj	-1352 Jan 05 j 15:15	3°♑45'19	3°39'59
minimum elong	-1352 Jan 05 j 13:03	3°♑51'40	3°39'39
min. Earth dist.	-1352 Jan 07 j 19:24	1°♑15'43	0.64173 AU
	-1352 Jan 08 j 23:12	30°℞♐	
morning rise	-1352 Jan 11 j 10:02	27°♐40'53	
direct	-1352 Jan 18 j 07:50	24°♐50'46	
	-1352 Jan 29 j 01:17	0°♑	
desc. node	-1352 Jan 31 j 21:42	2°♑38'57	
morning max el	-1352 Jan 31 j 21:16	2°♑37'52	27°27'16
	-1352 Feb 21 j 09:14	0°♒	
morning set	-1352 Mar 06 j 21:39	25°♒57'17	
	-1352 Mar 08 j 22:22	0°♓	
max. Earth dist.	-1352 Mar 11 j 21:27	6°♓04'03	1.33536 AU
superior conj	-1352 Mar 14 j 20:55	12°♓19'55	0°-44'-59
minimum elong	-1352 Mar 14 j 23:01	12°♓31'03	0°44'35
asc. node	-1352 Mar 19 j 06:43	21°♓45'16	
evening rise	-1352 Mar 22 j 03:06	27°♓47'48	
	-1352 Mar 23 j 04:28	0°♈	
	-1352 Apr 10 j 08:35	0°♉	
evening max el	-1352 Apr 12 j 19:11	2°♉32'48	22°29'09
retrograde	-1352 Apr 25 j 19:41	8°♉56'34	
evening set	-1352 Apr 28 j 20:27	8°♉36'24	
desc. node	-1352 Apr 28 j 20:49	8°♉36'12	
min. Earth dist.	-1352 May 07 j 03:19	5°♉00'58	0.55319 AU
inferior conj	-1352 May 08 j 04:23	4°♉25'21	-2°-31'-38

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1352 May 07 j 22:05	4°♉34'19	2°29'43
morning rise	-1352 May 17 j 01:52	0°♉30'28	
direct	-1352 May 19 j 20:16	0°♉12'53	
morning max el	-1352 May 31 j 06:53	5°♉33'25	21°02'58
asc. node	-1352 Jun 15 j 05:59	27°♉24'45	
	-1352 Jun 16 j 14:00	0°♊	
morning set	-1352 Jun 19 j 20:52	6°♊37'33	
superior conj	-1352 Jun 27 j 09:26	22°♊15'48	1°38'26
minimum elong	-1352 Jun 27 j 07:20	22°♊05'01	1°38'18
	-1352 Jul 01 j 05:00	0°♋	
max. Earth dist.	-1352 Jul 01 j 15:39	0°♋52'55	1.35533 AU
evening rise	-1352 Jul 05 j 23:27	9°♋14'53	
	-1352 Jul 17 j 20:46	0°♌	
desc. node	-1352 Jul 25 j 20:09	12°♌08'57	
	-1352 Aug 09 j 02:36	0°♍	
evening max el	-1352 Aug 10 j 11:02	1°♍20'49	26°31'26
retrograde	-1352 Aug 23 j 07:29	8°♍34'25	
evening set	-1352 Aug 29 j 20:13	5°♍52'20	
min. Earth dist.	-1352 Sep 02 j 22:25	1°♍35'41	0.66070 AU
	-1352 Sep 04 j 06:02	30°℞♌	
inferior conj	-1352 Sep 04 j 12:45	29°♌39'33	-2°-11'-33
minimum elong	-1352 Sep 04 j 15:57	29°♌29'50	2°10'22
morning rise	-1352 Sep 10 j 12:44	23°♌51'04	
asc. node	-1352 Sep 11 j 05:11	23°♌30'52	
direct	-1352 Sep 13 j 11:38	23°♌01'41	
morning max el	-1352 Sep 20 j 05:09	26°♌45'49	18°39'12
	-1352 Sep 23 j 01:01	0°♍	
morning set	-1352 Oct 10 j 18:17	27°♍00'23	
	-1352 Oct 12 j 15:15	0°♎	
desc. node	-1352 Oct 21 j 19:33	14°♎33'53	
superior conj	-1352 Oct 26 j 16:43	22°♎15'18	0°-31'-18
minimum elong	-1352 Oct 26 j 12:36	21°♎59'06	0°30'48
max. Earth dist.	-1352 Oct 26 j 23:04	22°♎40'19	1.44962 AU
	-1352 Oct 31 j 14:49	0°♏	
evening rise	-1352 Nov 11 j 17:10	17°♏34'31	
	-1352 Nov 19 j 12:17	0°♐	
evening max el	-1352 Dec 03 j 13:39	19°♐53'41	18°59'48
asc. node	-1352 Dec 08 j 04:25	23°♐20'06	
retrograde	-1352 Dec 10 j 10:52	23°♐48'31	
evening set	-1352 Dec 13 j 15:03	22°♐50'20	
inferior conj	-1352 Dec 19 j 09:02	17°♐01'48	3°12'31
minimum elong	-1352 Dec 19 j 06:10	17°♐10'44	3°11'49
min. Earth dist.	-1352 Dec 20 j 22:10	15°♐06'05	0.65563 AU
morning rise	-1352 Dec 24 j 20:22	10°♐51'21	
direct	-1352 Dec 31 j 08:41	8°♐02'20	
morning max el	-1351 Jan 13 j 06:52	15°♐36'13	26°38'05
desc. node	-1351 Jan 17 j 18:48	20°♐30'46	
	-1351 Jan 25 j 04:35	0°♑	
	-1351 Feb 13 j 03:56	0°♒	
morning set	-1351 Feb 18 j 05:32	9°♒19'06	
max. Earth dist.	-1351 Feb 22 j 12:43	17°♒40'24	1.34729 AU
superior conj	-1351 Feb 26 j 21:20	26°♒31'15	-1°-10'-9
minimum elong	-1351 Feb 27 j 00:27	26°♒47'22	1°09'39
	-1351 Feb 28 j 13:33	0°♓	
asc. node	-1351 Mar 06 j 03:46	11°♓41'26	
evening rise	-1351 Mar 06 j 12:14	12°♓25'14	
	-1351 Mar 15 j 16:54	0°♈	
evening max el	-1351 Mar 25 j 19:12	13°♈30'32	21°01'10
retrograde	-1351 Apr 06 j 08:59	19°♈05'14	
evening set	-1351 Apr 08 j 16:39	18°♈52'39	
desc. node	-1351 Apr 15 j 17:52	16°♈08'34	
inferior conj	-1351 Apr 17 j 22:59	14°♈54'36	0°-37'-42
minimum elong	-1351 Apr 17 j 21:13	14°♈57'07	0°37'03
min. Earth dist.	-1351 Apr 18 j 16:40	14°♈29'35	0.55077 AU
morning rise	-1351 Apr 27 j 01:05	10°♈48'42	
direct	-1351 Apr 30 j 07:24	10°♈25'39	
morning max el	-1351 May 13 j 05:53	16°♈38'26	22°36'15
	-1351 May 23 j 18:42	0°♉	
asc. node	-1351 Jun 02 j 03:04	17°♉02'37	
morning set	-1351 Jun 04 j 07:24	21°♉31'54	
	-1351 Jun 08 j 07:23	0°♊	
superior conj	-1351 Jun 11 j 12:56	6°♊53'04	1°24'45
minimum elong	-1351 Jun 11 j 10:24	6°♊39'36	1°24'27
max. Earth dist.	-1351 Jun 14 j 10:50	12°♊59'51	1.34198 AU
evening rise	-1351 Jun 19 j 09:48	23°♊00'47	
	-1351 Jun 23 j 01:27	0°♋	
	-1351 Jul 11 j 12:54	0°♌	
desc. node	-1351 Jul 12 j 17:08	1°♌36'28	
evening max el	-1351 Jul 23 j 22:47	14°♌45'36	27°12'06
retrograde	-1351 Aug 06 j 07:29	22°♌05'18	
evening set	-1351 Aug 13 j 07:09	19°♌19'44	
min. Earth dist.	-1351 Aug 17 j 02:18	15°♌40'47	0.64872 AU
inferior conj	-1351 Aug 19 j 05:48	13°♌17'33	-3°-2'-52
minimum elong	-1351 Aug 19 j 09:58	13°♌05'56	3°01'34
morning rise	-1351 Aug 25 j 14:19	7°♌43'59	
direct	-1351 Aug 28 j 06:53	7°♌05'31	
asc. node	-1351 Aug 29 j 02:15	7°♌08'59	
morning max el	-1351 Sep 03 j 19:17	10°♌35'44	18°08'06
	-1351 Sep 17 j 03:08	0°♍	
morning set	-1351 Sep 21 j 21:07	7°♍55'50	
	-1351 Oct 05 j 08:27	0°♎	
superior conj	-1351 Oct 05 j 21:50	0°♎53'31	0°18'03
minimum elong	-1351 Oct 06 j 00:01	1°♎02'16	0°17'46
desc. node	-1351 Oct 08 j 16:32	5°♎19'02	
max. Earth dist.	-1351 Oct 09 j 17:53	6°♎59'21	1.44693 AU
evening rise	-1351 Oct 22 j 11:46	26°♎54'26	
	-1351 Oct 24 j 11:44	0°♏	
greatest brilliancy	-1351 Nov 09 j 06:22	23°♏47'49	-0.6m
	-1351 Nov 13 j 21:45	0°♐	
evening max el	-1351 Nov 16 j 20:05	3°♐20'47	19°50'10
retrograde	-1351 Nov 24 j 08:00	7°♐43'23	
asc. node	-1351 Nov 25 j 01:28	7°♐40'21	
evening set	-1351 Nov 27 j 19:57	6°♐31'49	
inferior conj	-1351 Dec 03 j 09:19	0°♐29'19	2°35'21
minimum elong	-1351 Dec 03 j 06:28	0°♐38'41	2°34'26
	-1351 Dec 03 j 18:10	30°℞♏	
min. Earth dist.	-1351 Dec 04 j 08:49	29°♏11'37	0.66571 AU
morning rise	-1351 Dec 08 j 16:23	24°♏14'56	
direct	-1351 Dec 14 j 15:07	21°♏38'14	
morning max el	-1351 Dec 26 j 15:52	28°♏46'31	25°26'22
	-1351 Dec 27 j 20:21	0°♐	
desc. node	-1350 Jan 04 j 15:50	9°♐17'49	
	-1350 Jan 18 j 23:44	0°♑	
morning set	-1350 Jan 31 j 21:19	21°♑47'53	
max. Earth dist.	-1350 Feb 04 j 16:30	28°♑49'13	1.36365 AU
	-1350 Feb 05 j 07:28	0°♒	
superior conj	-1350 Feb 10 j 13:09	10°♒11'30	-1°-32'-37
minimum elong	-1350 Feb 10 j 16:45	10°♒29'30	1°32'12
evening rise	-1350 Feb 18 j 17:01	26°♒43'13	
	-1350 Feb 20 j 08:11	0°♓	
asc. node	-1350 Feb 21 j 00:47	1°♓22'26	
evening max el	-1350 Mar 08 j 05:53	25°♓02'29	19°48'33
retrograde	-1350 Mar 18 j 02:48	29°♓45'41	
evening set	-1350 Mar 20 j 07:04	29°♓32'55	
inferior conj	-1350 Mar 28 j 23:43	25°♓30'49	1°16'52
minimum elong	-1350 Mar 29 j 02:52	25°♓25'55	1°15'49
min. Earth dist.	-1350 Mar 31 j 06:49	24°♓05'37	0.55776 AU
desc. node	-1350 Apr 02 j 14:55	22°♓44'56	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning rise	-1350 Apr 06 j 19:30	20°♓57'07	
direct	-1350 Apr 11 j 00:06	20°♓18'10	
morning max el	-1350 Apr 24 j 22:03	27°♓15'08	24°16'39
	-1350 Apr 27 j 14:14	0°♈	
	-1350 May 16 j 15:09	0°♉	
morning set	-1350 May 19 j 19:22	6°♉31'35	
asc. node	-1350 May 20 j 00:06	6°♉56'32	
superior conj	-1350 May 26 j 21:10	21°♉44'43	1°06'45
minimum elong	-1350 May 26 j 18:44	21°♉31'38	1°06'22
max. Earth dist.	-1350 May 28 j 14:54	25°♉29'28	1.33237 AU
	-1350 May 30 j 17:47	0°♊	
evening rise	-1350 Jun 03 j 06:35	7°♊18'16	
	-1350 Jun 15 j 13:40	0°♋	
desc. node	-1350 Jun 29 j 14:08	20°♋21'47	
evening max el	-1350 Jul 06 j 08:51	27°♋48'18	27°25'13
	-1350 Jul 08 j 19:44	0°♌	
retrograde	-1350 Jul 20 j 01:40	5°♌09'04	
evening set	-1350 Jul 27 j 06:19	2°♌31'52	
	-1350 Jul 30 j 06:25	30°℞♋	
min. Earth dist.	-1350 Jul 30 j 20:40	29°♋25'55	0.63300 AU
inferior conj	-1350 Aug 02 j 13:38	26°♋43'13	-3°-47'-58
minimum elong	-1350 Aug 02 j 18:02	26°♋32'11	3°46'57
morning rise	-1350 Aug 09 j 07:56	21°♋27'54	
direct	-1350 Aug 11 j 20:33	20°♋57'22	
asc. node	-1350 Aug 15 j 23:19	22°♋19'19	
morning max el	-1350 Aug 18 j 10:47	24°♋22'15	17°54'40
	-1350 Aug 23 j 00:18	0°♌	
morning set	-1350 Sep 04 j 00:41	20°♌02'15	
	-1350 Sep 09 j 18:06	0°♍	
superior conj	-1350 Sep 16 j 01:29	10°♍40'25	0°59'41
minimum elong	-1350 Sep 16 j 06:41	11°♍02'00	0°59'05
max. Earth dist.	-1350 Sep 22 j 09:50	21°♍03'03	1.43728 AU
desc. node	-1350 Sep 25 j 13:31	26°♍05'06	
	-1350 Sep 28 j 01:08	0°♎	
evening rise	-1350 Oct 01 j 17:59	5°♎45'54	
	-1350 Oct 17 j 21:35	0°♏	
greatest brilliancy	-1350 Oct 25 j 06:27	10°♏11'02	-0.5m
evening max el	-1350 Oct 30 j 20:56	16°♏47'54	20°54'23
retrograde	-1350 Nov 08 j 05:28	21°♏45'07	
asc. node	-1350 Nov 11 j 22:30	20°♏26'42	
evening set	-1350 Nov 12 j 03:14	20°♏18'04	
inferior conj	-1350 Nov 17 j 13:44	14°♏05'05	1°51'08
minimum elong	-1350 Nov 17 j 11:26	14°♏12'57	1°50'16
min. Earth dist.	-1350 Nov 18 j 01:17	13°♏25'34	0.67219 AU
morning rise	-1350 Nov 22 j 19:13	7°♏49'00	
direct	-1350 Nov 28 j 02:43	5°♏31'22	
morning max el	-1350 Dec 09 j 00:28	12°♏01'45	24°01'55
desc. node	-1350 Dec 22 j 12:51	28°♏44'14	
	-1350 Dec 23 j 10:29	0°♐	
	-1349 Jan 11 j 19:02	0°♑	
morning set	-1349 Jan 13 j 15:06	3°♑07'51	
max. Earth dist.	-1349 Jan 17 j 12:31	9°♑56'59	1.38344 AU
superior conj	-1349 Jan 24 j 16:48	23°♑11'19	-1°-50'-1
minimum elong	-1349 Jan 24 j 19:53	23°♑25'58	1°49'51
	-1349 Jan 28 j 05:39	0°♒	
evening rise	-1349 Feb 02 j 15:04	10°♒35'12	
asc. node	-1349 Feb 07 j 21:49	20°♒42'45	
	-1349 Feb 13 j 09:09	0°♓	
evening max el	-1349 Feb 19 j 03:03	7°♓11'27	18°55'05
retrograde	-1349 Feb 27 j 11:42	11°♓13'16	
evening set	-1349 Mar 01 j 19:08	10°♓56'03	
inferior conj	-1349 Mar 09 j 17:49	6°♓38'34	2°43'47
minimum elong	-1349 Mar 09 j 22:22	6°♓30'23	2°42'38
min. Earth dist.	-1349 Mar 12 j 22:58	4°♓21'17	0.57259 AU
morning rise	-1349 Mar 17 j 21:31	1°♓32'38	
desc. node	-1349 Mar 20 j 11:59	0°♓42'08	
direct	-1349 Mar 23 j 06:07	0°♓23'41	
morning max el	-1349 Apr 06 j 13:16	7°♓49'27	25°50'05
	-1349 Apr 23 j 00:47	0°♈	
morning set	-1349 May 04 j 07:06	21°♈30'42	
asc. node	-1349 May 06 j 21:08	27°♈01'09	
	-1349 May 08 j 06:09	0°♉	
superior conj	-1349 May 11 j 08:03	6°♉43'42	0°45'28
minimum elong	-1349 May 11 j 06:12	6°♉33'34	0°45'06
max. Earth dist.	-1349 May 12 j 01:05	8°♉16'49	1.32648 AU
evening rise	-1349 May 18 j 10:34	21°♉57'04	
	-1349 May 22 j 10:36	0°♊	
	-1349 Jun 09 j 16:21	0°♋	
desc. node	-1349 Jun 16 j 11:10	8°♋06'48	
evening max el	-1349 Jun 18 j 14:57	10°♋16'46	27°06'20
retrograde	-1349 Jul 02 j 13:15	17°♋35'46	
evening set	-1349 Jul 09 j 13:35	15°♋21'16	
min. Earth dist.	-1349 Jul 13 j 04:54	12°♋37'14	0.61412 AU
inferior conj	-1349 Jul 16 j 09:05	9°♋48'43	-4°-21'-48
minimum elong	-1349 Jul 16 j 12:22	9°♋41'24	4°21'21
morning rise	-1349 Jul 23 j 14:02	4°♋54'20	
direct	-1349 Jul 26 j 00:59	4°♋29'18	
morning max el	-1349 Aug 02 j 00:42	7°♋57'55	17°59'48
asc. node	-1349 Aug 02 j 20:22	8°♋48'06	
	-1349 Aug 16 j 07:12	0°♌	
morning set	-1349 Aug 17 j 23:06	3°♌02'54	
superior conj	-1349 Aug 28 j 08:43	21°♌48'58	1°28'10
minimum elong	-1349 Aug 28 j 13:10	22°♌08'29	1°27'46
	-1349 Sep 02 j 02:56	0°♍	
max. Earth dist.	-1349 Sep 04 j 20:33	4°♍34'26	1.42204 AU
evening rise	-1349 Sep 11 j 06:07	14°♍56'21	
desc. node	-1349 Sep 12 j 10:31	16°♍48'36	
	-1349 Sep 21 j 00:46	0°♎	
greatest brilliancy	-1349 Oct 08 j 22:14	24°♎54'15	-0.3m
	-1349 Oct 13 j 09:57	0°♏	
evening max el	-1349 Oct 13 j 15:54	0°♏15'12	22°08'59
retrograde	-1349 Oct 23 j 01:23	5°♏50'28	
evening set	-1349 Oct 27 j 11:05	4°♏06'01	
asc. node	-1349 Oct 29 j 19:34	1°♏44'56	
	-1349 Oct 31 j 05:02	30°℞♎	
inferior conj	-1349 Nov 01 j 20:16	27°♎46'17	1°01'49
minimum elong	-1349 Nov 01 j 18:53	27°♎51'07	1°01'15
min. Earth dist.	-1349 Nov 01 j 21:02	27°♎43'37	0.67539 AU
morning rise	-1349 Nov 07 j 02:29	21°♎31'04	
direct	-1349 Nov 11 j 18:46	19°♎35'28	
morning max el	-1349 Nov 21 j 11:05	25°♎20'25	22°34'31
	-1349 Nov 25 j 15:36	0°♏	
greatest brilliancy	-1349 Nov 26 j 02:51	0°♏33'56	-0.3m
desc. node	-1349 Dec 09 j 09:53	18°♏38'18	
	-1349 Dec 16 j 23:20	0°♐	
morning set	-1349 Dec 25 j 04:56	13°♐04'11	
max. Earth dist.	-1349 Dec 30 j 08:26	21°♐38'32	1.40450 AU
	-1348 Jan 04 j 04:16	0°♑	
superior conj	-1348 Jan 07 j 03:37	5°♑18'32	-1°-59'-10
minimum elong	-1348 Jan 07 j 04:31	5°♑22'36	1°59'12
evening rise	-1348 Jan 17 j 03:20	23°♑53'20	
	-1348 Jan 20 j 09:27	0°♒	
asc. node	-1348 Jan 25 j 18:51	9°♒35'15	
evening max el	-1348 Feb 02 j 08:20	19°♒51'02	18°21'45
retrograde	-1348 Feb 09 j 15:13	23°♒27'14	
evening set	-1348 Feb 12 j 02:58	23°♒03'08	
inferior conj	-1348 Feb 19 j 08:48	18°♒24'58	3°34'29
minimum elong	-1348 Feb 19 j 11:46	18°♒18'47	3°34'04

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

min. Earth dist.	-1348 Feb 22 j 18:53	15°♒34'53	0.59209 AU
morning rise	-1348 Feb 26 j 16:59	12°♒53'50	
direct	-1348 Mar 04 j 01:26	11°♒06'41	
desc. node	-1348 Mar 06 j 09:02	11°♒20'35	
morning max el	-1348 Mar 18 j 08:31	18°♒47'19	27°01'37
	-1348 Mar 27 j 19:28	0°♓	
	-1348 Apr 14 j 13:47	0°♈	
morning set	-1348 Apr 17 j 16:58	6°♈23'25	
asc. node	-1348 Apr 22 j 18:11	17°♈12'01	
superior conj	-1348 Apr 24 j 19:51	21°♈43'56	0°21'44
minimum elong	-1348 Apr 24 j 18:53	21°♈38'41	0°21'31
max. Earth dist.	-1348 Apr 24 j 14:03	21°♈12'08	1.32418 AU
	-1348 Apr 28 j 14:38	0°♉	
evening rise	-1348 May 01 j 19:12	6°♉48'50	
	-1348 May 14 j 00:54	0°♊	
evening max el	-1348 May 30 j 15:09	22°♊03'11	26°14'58
desc. node	-1348 Jun 02 j 08:13	24°♊26'32	
retrograde	-1348 Jun 13 j 16:31	29°♊18'12	
evening set	-1348 Jun 20 j 00:35	27°♊38'46	
min. Earth dist.	-1348 Jun 24 j 04:10	25°♊00'06	0.59364 AU
inferior conj	-1348 Jun 27 j 12:36	22°♊25'21	-4°-36'-28
minimum elong	-1348 Jun 27 j 12:57	22°♊24'41	4°36'27
morning rise	-1348 Jul 05 j 04:51	17°♊53'20	
direct	-1348 Jul 07 j 16:09	17°♊32'00	
morning max el	-1348 Jul 15 j 10:04	21°♊14'47	18°24'36
asc. node	-1348 Jul 19 j 17:25	26°♊20'07	
	-1348 Jul 22 j 04:13	0°♋	
morning set	-1348 Jul 31 j 11:14	16°♋44'39	
	-1348 Aug 07 j 10:17	0°♌	
superior conj	-1348 Aug 09 j 15:57	4°♌09'34	1°43'31
minimum elong	-1348 Aug 09 j 18:10	4°♌19'47	1°43'26
max. Earth dist.	-1348 Aug 17 j 02:06	17°♌25'07	1.40326 AU
evening rise	-1348 Aug 21 j 15:23	25°♌07'24	
	-1348 Aug 24 j 14:53	0°♍	
desc. node	-1348 Aug 29 j 07:33	7°♍26'14	
	-1348 Sep 13 j 19:51	0°♎	
evening max el	-1348 Sep 25 j 06:14	13°♎45'08	23°28'54
retrograde	-1348 Oct 05 j 18:20	19°♎57'25	
evening set	-1348 Oct 10 j 17:50	17°♎54'17	
min. Earth dist.	-1348 Oct 15 j 17:38	12°♎04'16	0.67549 AU
asc. node	-1348 Oct 15 j 16:37	12°♎07'43	
inferior conj	-1348 Oct 16 j 03:09	11°♎31'39	0°09'06
minimum elong	-1348 Oct 16 j 02:56	11°♎32'24	0°09'00
transit middle	-1348 Oct 16 j 02:56	11°♎32'24	0°09'00
transit begin	-1348 Oct 16 j 00:41	11°♎40'08	
transit end	-1348 Oct 16 j 05:12	11°♎24'40	
morning rise	-1348 Oct 21 j 12:07	5°♎20'09	
direct	-1348 Oct 25 j 14:19	3°♎46'31	
morning max el	-1348 Nov 03 j 03:13	8°♎46'52	21°12'28
greatest brilliancy	-1348 Nov 08 j 12:28	15°♎01'05	-0.5m
	-1348 Nov 19 j 07:45	0°♏	
desc. node	-1348 Nov 25 j 06:54	8°♏52'27	
morning set	-1348 Dec 03 j 14:57	21°♏42'40	
	-1348 Dec 08 j 19:59	0°♐	
max. Earth dist.	-1348 Dec 11 j 11:01	4°♐16'05	1.42396 AU
superior conj	-1348 Dec 18 j 16:07	16°♐20'04	-1°-55'-54
minimum elong	-1348 Dec 18 j 13:00	16°♐06'45	1°55'49
	-1348 Dec 26 j 11:24	0°♑	
evening rise	-1348 Dec 30 j 02:12	6°♑30'06	
asc. node	-1347 Jan 11 j 15:54	27°♑51'01	
	-1347 Jan 13 j 06:10	0°♒	
evening max el	-1347 Jan 15 j 18:40	2°♒52'07	18°08'13
retrograde	-1347 Jan 22 j 11:13	6°♒18'17	
evening set	-1347 Jan 25 j 02:49	5°♒46'05	
inferior conj	-1347 Jan 31 j 18:50	0°♒45'52	3°53'54
minimum elong	-1347 Jan 31 j 19:21	0°♒44'39	3°53'52
	-1347 Feb 01 j 13:47	30°℞♑	
min. Earth dist.	-1347 Feb 03 j 21:18	27°♑47'45	0.61281 AU
morning rise	-1347 Feb 07 j 09:20	24°♑57'42	
direct	-1347 Feb 14 j 07:05	22°♑36'07	
desc. node	-1347 Feb 21 j 06:06	24°♑42'48	
	-1347 Feb 28 j 00:20	0°♒	
morning max el	-1347 Feb 28 j 09:58	0°♒23'30	27°40'22
	-1347 Mar 21 j 20:00	0°♓	
morning set	-1347 Apr 01 j 23:00	21°♓02'00	
	-1347 Apr 06 j 05:19	0°♈	
max. Earth dist.	-1347 Apr 08 j 01:55	4°♈00'57	1.32546 AU
superior conj	-1347 Apr 09 j 06:49	6°♈38'15	0°-3'-42
minimum elong	-1347 Apr 09 j 06:59	6°♈39'11	0°03'41
behind sun begin	-1347 Apr 09 j 02:01	6°♈12'08	
behind sun end	-1347 Apr 09 j 11:56	7°♈06'14	
asc. node	-1347 Apr 09 j 15:13	7°♈24'08	
evening rise	-1347 Apr 16 j 06:19	21°♈44'54	
	-1347 Apr 20 j 06:50	0°♉	
	-1347 May 09 j 09:01	0°♊	
evening max el	-1347 May 12 j 08:58	3°♊07'14	24°56'40
desc. node	-1347 May 20 j 05:17	8°♊46'36	
retrograde	-1347 May 26 j 08:59	10°♊13'36	
evening set	-1347 May 31 j 12:47	9°♊12'48	
min. Earth dist.	-1347 Jun 05 j 20:44	6°♊22'34	0.57411 AU
inferior conj	-1347 Jun 08 j 20:50	4°♊22'28	-4°-20'-55
minimum elong	-1347 Jun 08 j 16:54	4°♊29'04	4°20'27
morning rise	-1347 Jun 17 j 00:56	0°♊11'44	
	-1347 Jun 18 j 00:54	30°℞♉	
direct	-1347 Jun 19 j 13:53	29°♉53'00	
	-1347 Jun 21 j 02:16	0°♊	
morning max el	-1347 Jun 28 j 11:51	4°♊02'34	19°10'01
asc. node	-1347 Jul 06 j 14:29	14°♊40'32	
	-1347 Jul 14 j 21:42	0°♋	
morning set	-1347 Jul 15 j 09:01	0°♋55'59	
superior conj	-1347 Jul 23 j 17:21	17°♋25'13	1°47'58
minimum elong	-1347 Jul 23 j 17:23	17°♋25'19	1°47'59
max. Earth dist.	-1347 Jul 30 j 04:57	29°♋36'12	1.38332 AU
	-1347 Jul 30 j 10:12	0°♌	
evening rise	-1347 Aug 03 j 01:55	6°♌30'28	
desc. node	-1347 Aug 16 j 04:36	27°♌53'05	
	-1347 Aug 17 j 14:14	0°♍	
evening max el	-1347 Sep 07 j 18:01	27°♍18'27	24°47'45
	-1347 Sep 10 j 16:53	0°♎	
retrograde	-1347 Sep 19 j 07:23	4°♎02'12	
evening set	-1347 Sep 24 j 21:46	1°♎40'53	
	-1347 Sep 26 j 14:57	30°℞♍	
min. Earth dist.	-1347 Sep 29 j 12:35	26°♍25'40	0.67240 AU
inferior conj	-1347 Sep 30 j 08:40	25°♍19'05	0°-45'-31
minimum elong	-1347 Sep 30 j 09:46	25°♍15'23	0°45'04
asc. node	-1347 Oct 02 j 13:40	22°♍29'19	
morning rise	-1347 Oct 05 j 22:11	19°♍14'16	
direct	-1347 Oct 09 j 12:00	18°♍00'34	
morning max el	-1347 Oct 17 j 02:54	22°♍23'48	20°01'29
	-1347 Oct 23 j 10:00	0°♎	
greatest brilliancy	-1347 Oct 24 j 09:40	1°♎20'38	-0.6m
morning set	-1347 Nov 12 j 11:58	29°♎52'01	
desc. node	-1347 Nov 12 j 03:57	29°♎21'03	
	-1347 Nov 12 j 14:02	0°♏	
max. Earth dist.	-1347 Nov 23 j 21:44	17°♏46'14	1.43902 AU
superior conj	-1347 Nov 29 j 01:54	26°♏06'58	-1°-36'-5
minimum elong	-1347 Nov 28 j 18:41	25°♏37'36	1°35'29
	-1347 Dec 01 j 10:47	0°♐	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening rise	-1347 Dec 12 j 07:26	18°♐18'01	
	-1347 Dec 19 j 03:35	0°♑	
asc. node	-1347 Dec 29 j 12:57	15°♑19'20	
evening max el	-1347 Dec 30 j 07:08	16°♑07'17	18°13'53
retrograde	-1346 Jan 05 j 19:14	19°♑36'32	
evening set	-1346 Jan 08 j 14:47	18°♑55'22	
inferior conj	-1346 Jan 14 j 20:11	13°♑34'24	3°50'03
minimum elong	-1346 Jan 14 j 18:43	13°♑38'22	3°49'54
min. Earth dist.	-1346 Jan 17 j 08:56	10°♑49'59	0.63199 AU
morning rise	-1346 Jan 20 j 20:56	7°♑34'41	
direct	-1346 Jan 27 j 21:06	4°♑50'57	
desc. node	-1346 Feb 08 j 03:09	10°♑16'40	
morning max el	-1346 Feb 10 j 16:51	12°♑40'08	27°42'17
	-1346 Feb 24 j 14:04	0°♒	
	-1346 Mar 14 j 06:08	0°♓	
morning set	-1346 Mar 16 j 22:55	5°♓18'49	
max. Earth dist.	-1346 Mar 22 j 08:47	16°♓29'42	1.33056 AU
superior conj	-1346 Mar 24 j 15:16	21°♓20'51	0°-29'-55
minimum elong	-1346 Mar 24 j 16:40	21°♓28'24	0°29'38
asc. node	-1346 Mar 27 j 12:17	27°♓33'29	
	-1346 Mar 28 j 15:26	0°♈	
evening rise	-1346 Mar 31 j 18:05	6°♈38'36	
	-1346 Apr 13 j 05:21	0°♉	
evening max el	-1346 Apr 23 j 23:54	13°♉45'56	23°23'32
desc. node	-1346 May 07 j 02:18	20°♉30'52	
retrograde	-1346 May 07 j 13:12	20°♉31'20	
evening set	-1346 May 11 j 07:05	20°♉00'32	
min. Earth dist.	-1346 May 18 j 10:10	16°♉45'08	0.55878 AU
inferior conj	-1346 May 20 j 09:05	15°♉35'41	-3°-24'-7
minimum elong	-1346 May 20 j 02:19	15°♉45'45	3°22'26
morning rise	-1346 May 29 j 00:58	11°♉39'27	
direct	-1346 May 31 j 16:26	11°♉22'17	
morning max el	-1346 Jun 11 j 03:40	16°♉13'01	20°16'13
	-1346 Jun 21 j 10:20	0°♊	
asc. node	-1346 Jun 23 j 11:32	3°♊38'02	
morning set	-1346 Jun 29 j 13:30	15°♊29'03	
	-1346 Jul 06 j 15:42	0°♋	
superior conj	-1346 Jul 07 j 07:52	1°♋21'42	1°43'53
minimum elong	-1346 Jul 07 j 06:20	1°♋13'58	1°43'50
max. Earth dist.	-1346 Jul 12 j 10:19	11°♋25'37	1.36470 AU
evening rise	-1346 Jul 16 j 10:56	18°♋59'30	
	-1346 Jul 22 j 16:22	0°♌	
desc. node	-1346 Aug 03 j 01:38	18°♌03'21	
	-1346 Aug 11 j 17:03	0°♍	
evening max el	-1346 Aug 21 j 05:12	10°♍53'16	25°57'58
retrograde	-1346 Sep 02 j 15:52	17°♍59'25	
evening set	-1346 Sep 08 j 20:59	15°♍22'55	
min. Earth dist.	-1346 Sep 13 j 03:30	10°♍44'43	0.66598 AU
inferior conj	-1346 Sep 14 j 10:57	9°♍05'43	-1°-40'-30
minimum elong	-1346 Sep 14 j 13:25	8°♍57'54	1°39'32
asc. node	-1346 Sep 19 j 10:44	3°♍44'23	
morning rise	-1346 Sep 20 j 06:41	3°♍10'35	
direct	-1346 Sep 23 j 10:17	2°♍13'29	
morning max el	-1346 Sep 30 j 09:47	6°♍09'20	19°04'41
	-1346 Oct 17 j 07:11	0°♎	
morning set	-1346 Oct 22 j 20:07	8°♎40'55	
desc. node	-1346 Oct 30 j 00:59	19°♎58'59	
	-1346 Nov 05 j 10:02	0°♏	
max. Earth dist.	-1346 Nov 06 j 13:49	1°♏49'25	1.44778 AU
superior conj	-1346 Nov 08 j 11:09	4°♏48'20	0°-58'-38
minimum elong	-1346 Nov 08 j 04:09	4°♏20'41	0°57'50
evening rise	-1346 Nov 23 j 14:41	29°♏08'28	
	-1346 Nov 24 j 03:18	0°♐	
evening max el	-1346 Dec 13 j 19:00	29°♐29'57	18°37'59

	-1346 Dec 14 j 07:03	0°♑	
asc. node	-1346 Dec 16 j 10:00	1°♑46'15	
retrograde	-1346 Dec 20 j 10:57	3°♑13'05	
evening set	-1346 Dec 23 j 11:26	2°♑21'44	
	-1346 Dec 26 j 10:33	30°℞♐	
inferior conj	-1346 Dec 29 j 08:55	26°♐42'25	3°29'43
minimum elong	-1346 Dec 29 j 06:21	26°♐50'07	3°29'13
min. Earth dist.	-1346 Dec 31 j 06:30	24°♐26'22	0.64806 AU
morning rise	-1345 Jan 04 j 00:04	20°♐34'52	
direct	-1345 Jan 10 j 18:20	17°♐43'44	
morning max el	-1345 Jan 24 j 02:22	25°♐27'14	27°09'44
desc. node	-1345 Jan 26 j 00:12	27°♐26'17	
	-1345 Jan 28 j 07:03	0°♑	
	-1345 Feb 18 j 01:29	0°♒	
morning set	-1345 Feb 28 j 13:42	19°♒03'46	
max. Earth dist.	-1345 Mar 05 j 06:29	28°♒25'31	1.33985 AU
	-1345 Mar 06 j 00:55	0°♓	
superior conj	-1345 Mar 08 j 19:13	5°♓45'01	0°-55'-53
minimum elong	-1345 Mar 08 j 21:47	5°♓58'32	0°55'25
asc. node	-1345 Mar 14 j 09:20	17°♓35'24	
evening rise	-1345 Mar 16 j 04:40	21°♓23'05	
	-1345 Mar 20 j 10:32	0°♈	
evening max el	-1345 Apr 05 j 18:44	24°♈28'31	21°50'14
	-1345 Apr 14 j 11:36	0°♉	
retrograde	-1345 Apr 18 j 06:24	0°♉33'32	
evening set	-1345 Apr 20 j 21:39	0°♉17'59	
	-1345 Apr 22 j 04:05	30°℞♈	
desc. node	-1345 Apr 23 j 23:19	29°♈24'02	
inferior conj	-1345 Apr 30 j 06:42	26°♈14'05	-1°-45'-38
minimum elong	-1345 Apr 30 j 01:54	26°♈20'50	1°44'01
min. Earth dist.	-1345 Apr 29 j 23:26	26°♈24'17	0.55092 AU
morning rise	-1345 May 09 j 07:14	22°♈16'57	
direct	-1345 May 12 j 05:08	21°♈58'09	
morning max el	-1345 May 24 j 08:33	27°♈41'19	21°41'12
	-1345 May 26 j 15:18	0°♉	
asc. node	-1345 Jun 10 j 08:37	23°♉03'26	
morning set	-1345 Jun 13 j 22:23	0°♊17'28	
	-1345 Jun 13 j 19:00	0°♊	
superior conj	-1345 Jun 21 j 07:31	15°♊47'15	1°33'15
minimum elong	-1345 Jun 21 j 05:10	15°♊34'56	1°33'02
max. Earth dist.	-1345 Jun 24 j 23:30	23°♊19'46	1.34912 AU
	-1345 Jun 28 j 08:05	0°♋	
evening rise	-1345 Jun 29 j 13:25	2°♋21'45	
	-1345 Jul 15 j 14:34	0°♌	
desc. node	-1345 Jul 20 j 22:37	7°♌49'47	
evening max el	-1345 Aug 03 j 16:47	24°♌24'43	26°51'41
	-1345 Aug 10 j 22:12	0°♍	
retrograde	-1345 Aug 16 j 19:20	1°♍42'46	
	-1345 Aug 22 j 03:32	30°℞♌	
evening set	-1345 Aug 23 j 13:12	28°♌57'44	
min. Earth dist.	-1345 Aug 27 j 12:08	24°♌57'25	0.65603 AU
inferior conj	-1345 Aug 29 j 08:03	22°♌48'46	-2°-33'-52
minimum elong	-1345 Aug 29 j 11:43	22°♌38'00	2°32'36
morning rise	-1345 Sep 04 j 11:31	17°♌06'23	
asc. node	-1345 Sep 06 j 07:47	16°♌27'34	
direct	-1345 Sep 07 j 07:18	16°♌22'14	
morning max el	-1345 Sep 13 j 22:00	19°♌59'41	18°23'51
	-1345 Sep 21 j 12:50	0°♍	
morning set	-1345 Oct 03 j 06:45	18°♍49'31	
	-1345 Oct 10 j 04:35	0°♎	
desc. node	-1345 Oct 16 j 22:00	10°♎42'51	
superior conj	-1345 Oct 18 j 11:20	13°♎10'18	0°-10'-5
minimum elong	-1345 Oct 18 j 10:00	13°♎05'04	0°09'56
behind sun begin	-1345 Oct 18 j 01:00	12°♎29'33	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

behind sun end	-1345 Oct 18 j 19:00	13°♎40'34	
max. Earth dist.	-1345 Oct 20 j 07:58	16°♎06'11	1.44935 AU
	-1345 Oct 29 j 04:28	0°♏	
evening rise	-1345 Nov 03 j 21:46	8°♏58'39	
	-1345 Nov 17 j 10:11	0°♐	
greatest brilliancy	-1345 Nov 17 j 13:50	0°♐13'41	-0.7m
evening max el	-1345 Nov 27 j 04:00	12°♐56'35	19°19'20
asc. node	-1345 Dec 03 j 07:01	16°♐57'00	
retrograde	-1345 Dec 04 j 06:52	17°♐02'33	
evening set	-1345 Dec 07 j 14:00	15°♐59'08	
inferior conj	-1345 Dec 13 j 05:48	10°♐04'23	2°57'43
minimum elong	-1345 Dec 13 j 02:53	10°♐13'45	2°56'54
min. Earth dist.	-1345 Dec 14 j 13:01	8°♐24'17	0.66040 AU
morning rise	-1345 Dec 18 j 14:56	3°♐51'45	
direct	-1345 Dec 24 j 21:49	1°♐06'35	
morning max el	-1344 Jan 06 j 11:48	8°♐31'59	26°09'37
desc. node	-1344 Jan 12 j 21:16	15°♐44'02	
	-1344 Jan 23 j 08:52	0°♑	
	-1344 Feb 10 j 12:21	0°♒	
morning set	-1344 Feb 11 j 15:23	2°♒04'54	
max. Earth dist.	-1344 Feb 15 j 16:22	9°♒46'23	1.35370 AU
superior conj	-1344 Feb 20 j 16:19	19°♒44'00	-1°-20'-9
minimum elong	-1344 Feb 20 j 19:44	20°♒01'25	1°19'40
	-1344 Feb 25 j 15:53	0°♓	
evening rise	-1344 Feb 28 j 12:11	5°♓52'35	
asc. node	-1344 Feb 29 j 06:22	7°♓25'31	
	-1344 Mar 13 j 02:03	0°♈	
evening max el	-1344 Mar 17 j 23:09	5°♈39'53	20°28'07
retrograde	-1344 Mar 28 j 19:49	10°♈51'54	
evening set	-1344 Mar 31 j 00:30	10°♈40'03	
inferior conj	-1344 Apr 09 j 02:07	6°♈42'35	0°12'55
minimum elong	-1344 Apr 09 j 02:43	6°♈41'43	0°12'42
transit middle	-1344 Apr 09 j 02:43	6°♈41'43	0°12'42
transit begin	-1344 Apr 09 j 00:17	6°♈45'16	
transit end	-1344 Apr 09 j 05:08	6°♈38'11	
desc. node	-1344 Apr 09 j 20:22	6°♈15'55	
min. Earth dist.	-1344 Apr 10 j 13:23	5°♈51'12	0.55256 AU
morning rise	-1344 Apr 18 j 02:52	2°♈25'53	
direct	-1344 Apr 21 j 17:27	1°♈57'35	
morning max el	-1344 May 05 j 03:59	8°♈31'45	23°18'55
	-1344 May 20 j 15:26	0°♉	
asc. node	-1344 May 27 j 05:40	12°♉48'46	
morning set	-1344 May 28 j 09:42	15°♉14'34	
	-1344 Jun 04 j 07:23	0°♊	
superior conj	-1344 Jun 04 j 13:18	0°♊31'40	1°17'36
minimum elong	-1344 Jun 04 j 10:45	0°♊18'01	1°17'14
max. Earth dist.	-1344 Jun 06 j 22:28	5°♊35'27	1.33736 AU
evening rise	-1344 Jun 12 j 04:39	16°♊22'46	
	-1344 Jun 19 j 09:31	0°♋	
desc. node	-1344 Jul 06 j 19:37	27°♋01'35	
	-1344 Jul 09 j 03:58	0°♌	
evening max el	-1344 Jul 16 j 04:10	7°♌42'25	27°21'30
retrograde	-1344 Jul 29 j 17:08	15°♌03'24	
evening set	-1344 Aug 05 j 19:36	12°♌19'59	
min. Earth dist.	-1344 Aug 09 j 12:19	8°♌55'42	0.64242 AU
inferior conj	-1344 Aug 11 j 21:33	6°♌22'57	-3°-23'-3
minimum elong	-1344 Aug 12 j 01:56	6°♌11'13	3°21'48
morning rise	-1344 Aug 18 j 10:05	0°♌56'31	
direct	-1344 Aug 21 j 00:35	0°♌21'49	
asc. node	-1344 Aug 23 j 04:50	0°♌46'13	
morning max el	-1344 Aug 27 j 13:02	3°♌49'07	18°00'07
morning set	-1344 Sep 13 j 20:51	0°♍17'40	
	-1344 Sep 13 j 16:42	0°♍	
superior conj	-1344 Sep 27 j 00:32	22°♍13'55	0°37'09
minimum elong	-1344 Sep 27 j 04:33	22°♍30'13	0°36'37
	-1344 Oct 01 j 20:35	0°♎	
max. Earth dist.	-1344 Oct 02 j 01:35	0°♎19'55	1.44367 AU
desc. node	-1344 Oct 02 j 19:00	1°♎29'03	
evening rise	-1344 Oct 13 j 09:10	18°♎01'40	
	-1344 Oct 21 j 04:59	0°♏	
greatest brilliancy	-1344 Nov 02 j 18:28	18°♏22'15	-0.6m
evening max el	-1344 Nov 09 j 08:16	26°♏24'28	20°16'02
	-1344 Nov 13 j 17:42	0°♐	
retrograde	-1344 Nov 17 j 04:17	1°♐00'49	
asc. node	-1344 Nov 19 j 04:03	0°♐38'05	
	-1344 Nov 20 j 10:02	30°℞♏	
evening set	-1344 Nov 20 j 20:09	29°♏43'02	
inferior conj	-1344 Nov 26 j 08:08	23°♏35'55	2°17'18
minimum elong	-1344 Nov 26 j 05:28	23°♏44'52	2°16'23
min. Earth dist.	-1344 Nov 27 j 02:27	22°♏34'20	0.66895 AU
morning rise	-1344 Dec 01 j 14:14	17°♏20'36	
direct	-1344 Dec 07 j 06:43	14°♏51'09	
morning max el	-1344 Dec 18 j 20:16	21°♏44'23	24°51'16
	-1344 Dec 26 j 01:19	0°♐	
desc. node	-1344 Dec 29 j 18:18	4°♐49'47	
	-1343 Jan 15 j 15:19	0°♑	
morning set	-1343 Jan 23 j 22:37	14°♑06'56	
max. Earth dist.	-1343 Jan 27 j 15:48	20°♑49'49	1.37174 AU
	-1343 Feb 01 j 12:32	0°♒	
superior conj	-1343 Feb 03 j 03:31	3°♒09'14	-1°-40'-47
minimum elong	-1343 Feb 03 j 07:04	3°♒26'35	1°40'29
evening rise	-1343 Feb 11 j 14:27	20°♒00'50	
asc. node	-1343 Feb 15 j 03:24	26°♒58'52	
	-1343 Feb 16 j 17:34	0°♓	
evening max el	-1343 Feb 28 j 14:40	17°♓29'11	19°23'25
retrograde	-1343 Mar 09 j 18:45	21°♓52'30	
evening set	-1343 Mar 12 j 00:14	21°♓38'08	
inferior conj	-1343 Mar 20 j 09:22	17°♓30'42	1°58'03
minimum elong	-1343 Mar 20 j 13:36	17°♓23'44	1°56'46
min. Earth dist.	-1343 Mar 23 j 04:10	15°♓41'41	0.56328 AU
desc. node	-1343 Mar 27 j 17:26	13°♓12'23	
morning rise	-1343 Mar 28 j 23:13	12°♓43'18	
direct	-1343 Apr 02 j 15:57	11°♓53'00	
morning max el	-1343 Apr 16 j 18:50	19°♓03'51	24°58'09
	-1343 Apr 25 j 22:43	0°♈	
morning set	-1343 May 12 j 21:47	0°♉15'02	
	-1343 May 12 j 18:56	0°♉	
asc. node	-1343 May 14 j 02:43	2°♉48'12	
superior conj	-1343 May 19 j 22:54	15°♉27'28	0°58'05
minimum elong	-1343 May 19 j 20:40	15°♉15'20	0°57'41
max. Earth dist.	-1343 May 21 j 05:43	18°♉14'45	1.32945 AU
	-1343 May 26 j 18:56	0°♊	
evening rise	-1343 May 27 j 04:53	0°♊51'05	
	-1343 Jun 12 j 09:26	0°♋	
desc. node	-1343 Jun 23 j 16:39	15°♋24'01	
evening max el	-1343 Jun 28 j 13:08	20°♋33'00	27°21'19
retrograde	-1343 Jul 12 j 08:24	27°♋52'21	
evening set	-1343 Jul 19 j 12:31	25°♋23'25	
min. Earth dist.	-1343 Jul 23 j 02:29	22°♋28'17	0.62532 AU
inferior conj	-1343 Jul 26 j 00:33	19°♋41'27	-4°-4'-6
minimum elong	-1343 Jul 26 j 04:41	19°♋31'35	4°03'18
morning rise	-1343 Aug 01 j 23:15	14°♋34'24	
direct	-1343 Aug 04 j 10:58	14°♋06'20	
asc. node	-1343 Aug 10 j 01:54	16°♋31'41	
morning max el	-1343 Aug 11 j 04:08	17°♋31'35	17°54'28
	-1343 Aug 20 j 01:58	0°♌	
morning set	-1343 Aug 27 j 09:10	12°♌49'32	
	-1343 Sep 06 j 03:29	0°♍	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1343 Sep 07 j 15:57	2°♍35'34	1°13'28
minimum elong	-1343 Sep 07 j 21:10	2°♍57'43	1°12'54
max. Earth dist.	-1343 Sep 14 j 15:59	14°♍13'33	1.43148 AU
desc. node	-1343 Sep 19 j 16:00	22°♍14'35	
evening rise	-1343 Sep 22 j 15:37	26°♍55'42	
	-1343 Sep 24 j 15:09	0°♎	
	-1343 Oct 15 j 03:05	0°♏	
greatest brilliancy	-1343 Oct 18 j 04:46	4°♏00'13	-0.4m
evening max el	-1343 Oct 23 j 06:40	9°♏52'07	21°25'08
retrograde	-1343 Nov 01 j 01:12	15°♏04'42	
evening set	-1343 Nov 05 j 03:54	13°♏30'18	
asc. node	-1343 Nov 06 j 01:06	12°♏45'05	
inferior conj	-1343 Nov 10 j 13:40	7°♏14'09	1°30'44
minimum elong	-1343 Nov 10 j 11:43	7°♏20'52	1°29'57
min. Earth dist.	-1343 Nov 10 j 20:30	6°♏50'38	0.67402 AU
morning rise	-1343 Nov 15 j 19:14	0°♏58'23	
	-1343 Nov 17 j 02:20	30°℞♎	
direct	-1343 Nov 20 j 20:16	28°♎50'00	
	-1343 Nov 24 j 22:52	0°♏	
morning max el	-1343 Dec 01 j 05:16	5°♏00'41	23°24'32
greatest brilliancy	-1343 Dec 06 j 18:28	11°♏16'45	-0.2m
desc. node	-1343 Dec 16 j 15:19	24°♏29'09	
	-1343 Dec 20 j 10:31	0°♐	
morning set	-1342 Jan 05 j 05:01	24°♐52'08	
	-1342 Jan 08 j 05:17	0°♑	
max. Earth dist.	-1342 Jan 09 j 11:12	2°♑09'54	1.39245 AU
superior conj	-1342 Jan 17 j 00:40	15°♑48'29	-1°-55'-9
minimum elong	-1342 Jan 17 j 03:03	15°♑59'36	1°55'05
	-1342 Jan 24 j 11:21	0°♒	
evening rise	-1342 Jan 26 j 08:46	3°♒39'37	
asc. node	-1342 Feb 02 j 00:26	16°♒08'24	
evening max el	-1342 Feb 11 j 15:37	29°♒52'02	18°38'25
	-1342 Feb 11 j 18:57	0°♓	
retrograde	-1342 Feb 19 j 11:49	3°♓41'05	
evening set	-1342 Feb 21 j 21:11	3°♓21'03	
	-1342 Feb 28 j 01:37	30°℞♒	
inferior conj	-1342 Mar 01 j 12:19	28°♒54'43	3°09'36
minimum elong	-1342 Mar 01 j 16:26	28°♒46'49	3°08'45
min. Earth dist.	-1342 Mar 04 j 21:17	26°♒20'59	0.58054 AU
morning rise	-1342 Mar 09 j 07:48	23°♒37'13	
desc. node	-1342 Mar 14 j 14:29	22°♒13'24	
direct	-1342 Mar 15 j 03:30	22°♒12'39	
morning max el	-1342 Mar 29 j 11:17	29°♒45'12	26°24'03
	-1342 Mar 29 j 17:20	0°♓	
	-1342 Apr 19 j 16:06	0°♈	
morning set	-1342 Apr 27 j 08:57	15°♈12'08	
asc. node	-1342 Apr 30 j 23:46	22°♈55'57	
superior conj	-1342 May 04 j 10:22	0°♉27'22	0°35'38
minimum elong	-1342 May 04 j 08:51	0°♉19'05	0°35'20
	-1342 May 04 j 05:22	0°♉	
max. Earth dist.	-1342 May 04 j 17:43	1°♉07'42	1.32511 AU
evening rise	-1342 May 11 j 11:08	15°♉36'07	
	-1342 May 18 j 18:21	0°♊	
	-1342 Jun 08 j 00:35	0°♋	
evening max el	-1342 Jun 10 j 16:54	2°♋43'45	26°48'13
desc. node	-1342 Jun 10 j 13:42	2°♋36'06	
retrograde	-1342 Jun 24 j 16:22	10°♋00'51	
evening set	-1342 Jul 01 j 11:37	7°♋59'56	
min. Earth dist.	-1342 Jul 05 j 06:24	5°♋20'40	0.60552 AU
inferior conj	-1342 Jul 08 j 13:38	2°♋35'30	-4°-30'-56
minimum elong	-1342 Jul 08 j 15:55	2°♋30'43	4°30'45
	-1342 Jul 11 j 20:42	30°℞♊	
morning rise	-1342 Jul 15 j 23:20	27°♊50'40	
direct	-1342 Jul 18 j 10:23	27°♊27'14	
	-1342 Jul 24 j 13:34	0°♋	
morning max el	-1342 Jul 25 j 16:28	1°♋00'05	18°07'58
asc. node	-1342 Jul 27 j 22:58	3°♋29'01	
morning set	-1342 Aug 10 j 13:59	26°♋09'12	
	-1342 Aug 12 j 15:20	0°♌	
superior conj	-1342 Aug 20 j 10:06	14°♌16'59	1°36'10
minimum elong	-1342 Aug 20 j 13:41	14°♌32'58	1°35'55
max. Earth dist.	-1342 Aug 28 j 00:51	27°♌30'08	1.41433 AU
	-1342 Aug 29 j 12:40	0°♍	
evening rise	-1342 Sep 02 j 11:30	6°♍28'30	
desc. node	-1342 Sep 06 j 13:02	12°♍56'17	
	-1342 Sep 17 j 20:38	0°♎	
greatest brilliancy	-1342 Oct 01 j 01:53	17°♎51'09	-0.3m
evening max el	-1342 Oct 05 j 23:26	23°♎20'31	22°42'36
retrograde	-1342 Oct 15 j 20:03	29°♎11'59	
evening set	-1342 Oct 20 j 11:32	27°♎19'22	
asc. node	-1342 Oct 23 j 22:09	23°♎35'03	
inferior conj	-1342 Oct 25 j 20:35	20°♎57'48	0°39'49
minimum elong	-1342 Oct 25 j 19:40	21°♎00'59	0°39'25
min. Earth dist.	-1342 Oct 25 j 16:52	21°♎10'40	0.67581 AU
morning rise	-1342 Oct 31 j 03:45	14°♎44'01	
direct	-1342 Nov 04 j 13:47	12°♎58'09	
morning max el	-1342 Nov 13 j 18:04	18°♎23'27	21°58'39
greatest brilliancy	-1342 Nov 18 j 12:47	23°♎48'05	-0.4m
	-1342 Nov 23 j 07:32	0°♏	
desc. node	-1342 Dec 03 j 12:22	14°♏32'58	
	-1342 Dec 13 j 14:39	0°♐	
morning set	-1342 Dec 16 j 06:28	4°♐13'36	
max. Earth dist.	-1342 Dec 22 j 09:58	14°♐16'40	1.41317 AU
superior conj	-1342 Dec 30 j 02:42	27°♐29'36	-1°-59'-34
minimum elong	-1342 Dec 30 j 02:06	27°♐26'54	1°59'36
	-1342 Dec 31 j 12:37	0°♑	
evening rise	-1341 Jan 09 j 15:54	16°♑41'55	
	-1341 Jan 16 j 23:59	0°♒	
asc. node	-1341 Jan 19 j 21:29	4°♒46'42	
evening max el	-1341 Jan 25 j 23:22	12°♒41'33	18°13'29
retrograde	-1341 Feb 01 j 23:02	16°♒12'08	
evening set	-1341 Feb 04 j 12:19	15°♒44'49	
inferior conj	-1341 Feb 11 j 11:52	10°♒57'04	3°46'04
minimum elong	-1341 Feb 11 j 13:47	10°♒52'48	3°45'53
min. Earth dist.	-1341 Feb 14 j 19:44	8°♒00'30	0.60094 AU
morning rise	-1341 Feb 18 j 12:05	5°♒17'26	
direct	-1341 Feb 25 j 03:18	3°♒14'44	
desc. node	-1341 Mar 01 j 11:33	4°♒04'00	
morning max el	-1341 Mar 11 j 09:25	10°♒59'21	27°22'31
	-1341 Mar 26 j 05:06	0°♓	
morning set	-1341 Apr 11 j 17:26	29°♓59'44	
	-1341 Apr 11 j 17:30	0°♈	
asc. node	-1341 Apr 17 j 20:49	13°♈07'44	
superior conj	-1341 Apr 18 j 22:00	15°♈25'30	0°11'05
minimum elong	-1341 Apr 18 j 21:30	15°♈22'46	0°10'59
behind sun begin	-1341 Apr 18 j 17:52	15°♈02'51	
behind sun end	-1341 Apr 19 j 01:08	15°♈42'41	
max. Earth dist.	-1341 Apr 18 j 06:42	14°♈01'46	1.32428 AU
evening rise	-1341 Apr 25 j 21:03	0°♉30'07	
	-1341 Apr 25 j 15:20	0°♉	
	-1341 May 12 j 02:33	0°♊	
evening max el	-1341 May 23 j 13:56	14°♊09'50	25°44'14
desc. node	-1341 May 28 j 10:45	18°♊09'03	
retrograde	-1341 Jun 06 j 15:32	21°♊22'54	
evening set	-1341 Jun 12 j 12:56	19°♊59'51	
min. Earth dist.	-1341 Jun 17 j 02:13	17°♊18'20	0.58499 AU
inferior conj	-1341 Jun 20 j 09:11	14°♊55'35	-4°-34'-19
minimum elong	-1341 Jun 20 j 07:47	14°♊58'09	4°34'15
morning rise	-1341 Jun 28 j 06:29	10°♊33'26	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

direct	-1341 Jun 30 j 18:19	10°♊13'25	
morning max el	-1341 Jul 08 j 23:00	14°♊05'45	18°41'28
asc. node	-1341 Jul 14 j 20:03	21°♊22'59	
	-1341 Jul 19 j 23:09	0°♋	
morning set	-1341 Jul 25 j 06:35	10°♋04'02	
superior conj	-1341 Aug 03 j 01:45	27°♋02'50	1°46'35
minimum elong	-1341 Aug 03 j 02:58	27°♋08'37	1°46'35
	-1341 Aug 04 j 15:37	0°♌	
max. Earth dist.	-1341 Aug 10 j 04:19	10°♌01'01	1.39465 AU
evening rise	-1341 Aug 14 j 07:27	17°♌09'23	
	-1341 Aug 22 j 04:13	0°♍	
desc. node	-1341 Aug 24 j 10:04	3°♍29'45	
	-1341 Sep 12 j 09:02	0°♎	
evening max el	-1341 Sep 18 j 12:11	6°♎51'01	24°03'01
retrograde	-1341 Sep 29 j 11:37	13°♎18'30	
evening set	-1341 Oct 04 j 17:18	11°♎07'21	
min. Earth dist.	-1341 Oct 09 j 13:06	5°♎31'45	0.67449 AU
inferior conj	-1341 Oct 10 j 03:05	4°♎44'19	0°-13'-54
minimum elong	-1341 Oct 10 j 03:25	4°♎43'11	0°13'47
transit middle	-1341 Oct 10 j 03:25	4°♎43'11	0°13'47
transit begin	-1341 Oct 10 j 01:58	4°♎48'07	
transit end	-1341 Oct 10 j 04:53	4°♎38'16	
asc. node	-1341 Oct 10 j 19:12	3°♎49'55	
	-1341 Oct 13 j 23:14	30°℞♍	
morning rise	-1341 Oct 15 j 13:46	28°♍35'13	
direct	-1341 Oct 19 j 10:21	27°♍10'34	
	-1341 Oct 25 j 12:11	0°♎	
morning max el	-1341 Oct 27 j 13:22	1°♎54'35	20°40'44
greatest brilliancy	-1341 Nov 02 j 14:52	9°♎05'14	-0.5m
	-1341 Nov 17 j 04:00	0°♏	
desc. node	-1341 Nov 20 j 09:23	4°♏53'47	
morning set	-1341 Nov 25 j 08:14	12°♏31'36	
max. Earth dist.	-1341 Dec 04 j 15:38	27°♏16'19	1.43101 AU
	-1341 Dec 06 j 07:58	0°♐	
superior conj	-1341 Dec 11 j 04:08	7°♐59'43	-1°-49'-42
minimum elong	-1341 Dec 10 j 23:05	7°♐38'34	1°49'26
evening rise	-1341 Dec 23 j 07:48	28°♐58'53	
	-1341 Dec 23 j 21:38	0°♑	
asc. node	-1340 Jan 06 j 18:30	22°♑43'51	
evening max el	-1340 Jan 09 j 10:56	25°♑49'28	18°08'18
retrograde	-1340 Jan 16 j 00:37	29°♑15'33	
evening set	-1340 Jan 18 j 17:43	28°♑39'49	
inferior conj	-1340 Jan 25 j 04:54	23°♑30'49	3°54'38
minimum elong	-1340 Jan 25 j 04:29	23°♑31'54	3°54'36
min. Earth dist.	-1340 Jan 28 j 02:06	20°♑35'51	0.62129 AU
morning rise	-1340 Jan 31 j 13:00	17°♑37'00	
direct	-1340 Feb 07 j 13:03	15°♑03'52	
desc. node	-1340 Feb 16 j 08:36	18°♑26'29	
morning max el	-1340 Feb 21 j 13:28	22°♑53'38	27°45'35
	-1340 Feb 27 j 21:36	0°♒	
	-1340 Mar 18 j 08:45	0°♓	
morning set	-1340 Mar 25 j 21:13	14°♓30'29	
max. Earth dist.	-1340 Mar 31 j 16:45	26°♓43'00	1.32708 AU
superior conj	-1340 Apr 02 j 08:09	0°♈16'03	0°-14'-47
minimum elong	-1340 Apr 02 j 08:50	0°♈19'47	0°14'38
behind sun begin	-1340 Apr 02 j 06:51	0°♈09'02	
behind sun end	-1340 Apr 02 j 10:49	0°♈30'32	
	-1340 Apr 02 j 05:12	0°♈	
asc. node	-1340 Apr 03 j 17:53	3°♈19'25	
evening rise	-1340 Apr 09 j 08:40	15°♈26'05	
	-1340 Apr 16 j 16:05	0°♉	
evening max el	-1340 May 04 j 05:52	25°♉00'41	24°18'04
	-1340 May 10 j 20:04	0°♊	
desc. node	-1340 May 14 j 07:47	1°♊27'20	
retrograde	-1340 May 18 j 03:24	2°♊00'42	
evening set	-1340 May 22 j 16:26	1°♊14'33	
	-1340 May 25 j 15:10	30°℞♉	
min. Earth dist.	-1340 May 28 j 17:27	28°♉14'47	0.56679 AU
inferior conj	-1340 May 31 j 08:50	26°♉34'42	-4°-2'-23
minimum elong	-1340 May 31 j 03:17	26°♉43'32	4°01'24
morning rise	-1340 Jun 08 j 18:01	22°♉31'18	
direct	-1340 Jun 11 j 07:37	22°♉13'34	
morning max el	-1340 Jun 20 j 20:53	26°♉39'27	19°35'40
	-1340 Jun 23 j 23:32	0°♊	
asc. node	-1340 Jun 30 j 17:07	10°♊00'53	
morning set	-1340 Jul 08 j 07:33	24°♊25'41	
	-1340 Jul 11 j 01:55	0°♋	
superior conj	-1340 Jul 16 j 09:17	10°♋37'44	1°47'09
minimum elong	-1340 Jul 16 j 08:34	10°♋34'09	1°47'09
max. Earth dist.	-1340 Jul 22 j 07:09	21°♋58'32	1.37509 AU
evening rise	-1340 Jul 26 j 04:11	29°♋02'37	
	-1340 Jul 26 j 17:05	0°♌	
desc. node	-1340 Aug 10 j 07:06	23°♌50'21	
	-1340 Aug 14 j 11:58	0°♍	
evening max el	-1340 Aug 30 j 23:32	20°♍25'31	25°19'12
retrograde	-1340 Sep 11 j 22:51	27°♍20'24	
evening set	-1340 Sep 17 j 19:28	24°♍52'19	
min. Earth dist.	-1340 Sep 22 j 06:45	19°♍52'18	0.67005 AU
inferior conj	-1340 Sep 23 j 07:27	18°♍31'52	-1°-8'-54
minimum elong	-1340 Sep 23 j 09:09	18°♍26'21	1°08'13
asc. node	-1340 Sep 26 j 16:16	14°♍28'13	
morning rise	-1340 Sep 28 j 23:24	12°♍30'30	
direct	-1340 Oct 02 j 08:34	11°♍24'14	
morning max el	-1340 Oct 09 j 16:08	15°♍34'56	19°35'23
greatest brilliancy	-1340 Oct 18 j 06:38	26°♍31'28	-0.7m
	-1340 Oct 20 j 15:51	0°♎	
morning set	-1340 Nov 03 j 07:00	20°♎49'07	
desc. node	-1340 Nov 06 j 06:25	25°♎26'35	
	-1340 Nov 09 j 04:31	0°♏	
max. Earth dist.	-1340 Nov 16 j 04:28	11°♏00'46	1.44360 AU
superior conj	-1340 Nov 20 j 02:33	17°♏15'49	-1°-22'-11
minimum elong	-1340 Nov 19 j 18:39	16°♏44'10	1°21'25
	-1340 Nov 27 j 22:35	0°♐	
evening rise	-1340 Dec 04 j 04:05	10°♐22'32	
	-1340 Dec 16 j 01:32	0°♑	
evening max el	-1340 Dec 22 j 23:30	9°♑08'46	18°22'00
asc. node	-1340 Dec 23 j 15:32	9°♑47'56	
retrograde	-1340 Dec 29 j 12:13	12°♑42'23	
evening set	-1339 Jan 01 j 09:45	11°♑57'02	
inferior conj	-1339 Jan 07 j 11:30	6°♑28'11	3°43'04
minimum elong	-1339 Jan 07 j 09:28	6°♑33'58	3°42'47
min. Earth dist.	-1339 Jan 09 j 17:55	3°♑54'23	0.63931 AU
morning rise	-1339 Jan 13 j 07:43	0°♑25'00	
	-1339 Jan 13 j 20:28	30°℞♐	
direct	-1339 Jan 20 j 06:25	27°♐36'03	
	-1339 Jan 27 j 08:38	0°♑	
desc. node	-1339 Feb 02 j 05:38	4°♑44'47	
morning max el	-1339 Feb 02 j 21:31	5°♑23'43	27°32'15
	-1339 Feb 21 j 15:02	0°♒	
morning set	-1339 Mar 09 j 17:38	28°♒35'00	
	-1339 Mar 10 j 10:45	0°♓	
max. Earth dist.	-1339 Mar 14 j 19:59	8°♓58'09	1.33395 AU
superior conj	-1339 Mar 17 j 14:57	14°♓51'57	0°-41'-1
minimum elong	-1339 Mar 17 j 16:52	15°♓02'10	0°40'39
asc. node	-1339 Mar 21 j 14:54	23°♓26'10	
evening rise	-1339 Mar 24 j 20:09	0°♈16'49	
	-1339 Mar 24 j 16:57	0°♈	
	-1339 Apr 10 j 21:22	0°♉	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening max el	-1339 Apr 15 j 21:49	5°♉38'17	22°43'10
retrograde	-1339 Apr 29 j 02:05	12°♉08'05	
desc. node	-1339 May 01 j 04:49	11°♉58'12	
evening set	-1339 May 02 j 06:57	11°♉45'39	
min. Earth dist.	-1339 May 10 j 06:41	8°♉16'00	0.55439 AU
inferior conj	-1339 May 11 j 13:49	7°♉31'26	-2°-46'-45
minimum elong	-1339 May 11 j 07:12	7°♉40'55	2°44'49
morning rise	-1339 May 20 j 09:58	3°♉36'46	
direct	-1339 May 23 j 03:31	3°♉19'21	
morning max el	-1339 Jun 03 j 07:58	8°♉31'50	20°50'12
asc. node	-1339 Jun 17 j 14:11	29°♉11'17	
	-1339 Jun 18 j 00:26	0°♊	
morning set	-1339 Jun 22 j 14:10	9°♊06'03	
superior conj	-1339 Jun 30 j 04:06	24°♊47'31	1°40'04
minimum elong	-1339 Jun 30 j 02:07	24°♊37'26	1°39'56
	-1339 Jul 02 j 17:42	0°♋	
max. Earth dist.	-1339 Jul 04 j 15:34	3°♋47'50	1.35771 AU
evening rise	-1339 Jul 08 j 21:16	11°♋56'03	
	-1339 Jul 19 j 04:30	0°♌	
desc. node	-1339 Jul 28 j 04:07	13°♌51'21	
	-1339 Aug 09 j 15:17	0°♍	
evening max el	-1339 Aug 13 j 11:07	4°♍00'28	26°23'20
retrograde	-1339 Aug 26 j 05:06	11°♍12'05	
evening set	-1339 Sep 01 j 15:58	8°♍31'16	
min. Earth dist.	-1339 Sep 05 j 19:18	4°♍09'02	0.66222 AU
inferior conj	-1339 Sep 07 j 07:48	2°♍17'18	-2°-3'-29
minimum elong	-1339 Sep 07 j 10:49	2°♍08'03	2°02'20
	-1339 Sep 09 j 05:58	30°℞♌	
morning rise	-1339 Sep 13 j 06:38	26°♌27'01	
asc. node	-1339 Sep 13 j 13:19	26°♌17'58	
direct	-1339 Sep 16 j 06:42	25°♌35'42	
morning max el	-1339 Sep 23 j 01:28	29°♌22'25	18°45'15
	-1339 Sep 23 j 15:52	0°♍	
	-1339 Oct 13 j 23:03	0°♎	
morning set	-1339 Oct 14 j 01:33	0°♎09'59	
desc. node	-1339 Oct 24 j 03:27	16°♎07'20	
superior conj	-1339 Oct 30 j 05:16	25°♎41'10	0°-38'-43
minimum elong	-1339 Oct 30 j 00:15	25°♎21'25	0°38'05
max. Earth dist.	-1339 Oct 29 j 22:13	25°♎13'27	1.44938 AU
	-1339 Nov 01 j 23:00	0°♏	
evening rise	-1339 Nov 15 j 01:01	20°♏47'05	
	-1339 Nov 20 j 18:49	0°♐	
evening max el	-1339 Dec 06 j 10:29	22°♐34'04	18°53'37
asc. node	-1339 Dec 10 j 12:33	25°♐44'45	
retrograde	-1339 Dec 13 j 06:04	26°♐25'33	
evening set	-1339 Dec 16 j 09:16	25°♐29'07	
inferior conj	-1339 Dec 22 j 04:04	19°♐42'48	3°17'20
minimum elong	-1339 Dec 22 j 01:16	19°♐51'28	3°16'42
min. Earth dist.	-1339 Dec 23 j 19:18	17°♐41'46	0.65378 AU
morning rise	-1339 Dec 27 j 16:17	13°♐33'03	
direct	-1338 Jan 03 j 06:17	10°♐43'14	
morning max el	-1338 Jan 16 j 07:12	18°♐19'48	26°47'08
desc. node	-1338 Jan 20 j 02:39	22°♐26'20	
	-1338 Jan 26 j 04:32	0°♑	
	-1338 Feb 14 j 13:35	0°♒	
morning set	-1338 Feb 21 j 03:24	12°♒03'05	
max. Earth dist.	-1338 Feb 25 j 13:04	20°♒39'55	1.34525 AU
superior conj	-1338 Mar 01 j 16:20	29°♒06'43	-1°-6'-27
minimum elong	-1338 Mar 01 j 19:20	29°♒22'14	1°05'58
	-1338 Mar 02 j 02:36	0°♓	
asc. node	-1338 Mar 08 j 11:56	13°♓23'52	
evening rise	-1338 Mar 09 j 05:42	14°♓56'16	
	-1338 Mar 16 j 23:03	0°♈	
evening max el	-1338 Mar 28 j 20:16	16°♈30'52	21°13'22

retrograde	-1338 Apr 09 j 15:58	22°♈13'43	
evening set	-1338 Apr 12 j 01:09	22°♈00'36	
desc. node	-1338 Apr 18 j 01:49	19°♈48'45	
inferior conj	-1338 Apr 21 j 08:37	18°♈01'28	0°-55'-47
minimum elong	-1338 Apr 21 j 05:59	18°♈05'11	0°54'52
min. Earth dist.	-1338 Apr 21 j 19:48	17°♈45'43	0.55052 AU
morning rise	-1338 Apr 30 j 10:39	13°♈58'34	
direct	-1338 May 03 j 14:26	13°♈36'56	
morning max el	-1338 May 16 j 08:19	19°♈41'59	22°21'42
	-1338 May 24 j 20:20	0°♉	
asc. node	-1338 Jun 04 j 11:14	18°♉45'49	
morning set	-1338 Jun 07 j 00:19	23°♉58'50	
	-1338 Jun 09 j 20:54	0°♊	
superior conj	-1338 Jun 14 j 06:40	9°♊21'48	1°27'09
minimum elong	-1338 Jun 14 j 04:10	9°♊08'32	1°26'51
max. Earth dist.	-1338 Jun 17 j 09:12	15°♊50'59	1.34371 AU
evening rise	-1338 Jun 22 j 05:42	25°♊35'52	
	-1338 Jun 24 j 12:41	0°♋	
	-1338 Jul 12 j 14:40	0°♌	
desc. node	-1338 Jul 15 j 01:08	3°♌24'15	
evening max el	-1338 Jul 26 j 22:47	17°♌27'03	27°07'36
retrograde	-1338 Aug 09 j 05:57	24°♌46'33	
evening set	-1338 Aug 16 j 04:21	22°♌00'39	
min. Earth dist.	-1338 Aug 20 j 00:25	18°♌16'23	0.65075 AU
inferior conj	-1338 Aug 22 j 01:57	15°♌56'40	-2°-55'-28
minimum elong	-1338 Aug 22 j 06:00	15°♌45'12	2°54'08
morning rise	-1338 Aug 28 j 09:09	10°♌20'49	
direct	-1338 Aug 31 j 02:28	9°♌41'00	
asc. node	-1338 Aug 31 j 10:24	9°♌41'35	
morning max el	-1338 Sep 06 j 15:14	13°♌12'44	18°11'38
	-1338 Sep 18 j 10:19	0°♍	
morning set	-1338 Sep 25 j 00:17	10°♍53'32	
	-1338 Oct 06 j 17:02	0°♎	
superior conj	-1338 Oct 09 j 08:23	4°♎13'05	0°10'52
minimum elong	-1338 Oct 09 j 09:45	4°♎18'29	0°10'41
behind sun begin	-1338 Oct 09 j 01:27	3°♎45'26	
behind sun end	-1338 Oct 09 j 18:03	4°♎51'31	
desc. node	-1338 Oct 11 j 00:27	6°♎52'13	
max. Earth dist.	-1338 Oct 12 j 17:00	9°♎32'33	1.44778 AU
evening rise	-1338 Oct 25 j 22:36	0°♏14'04	
	-1338 Oct 25 j 18:59	0°♏	
greatest brilliancy	-1338 Nov 11 j 17:48	25°♏48'52	-0.7m
	-1338 Nov 14 j 17:59	0°♐	
evening max el	-1338 Nov 19 j 17:35	6°♐00'42	19°41'43
retrograde	-1338 Nov 27 j 03:00	10°♐18'56	
asc. node	-1338 Nov 27 j 09:36	10°♐18'30	
evening set	-1338 Nov 30 j 13:37	9°♐09'33	
inferior conj	-1338 Dec 06 j 03:33	3°♐08'51	2°41'27
minimum elong	-1338 Dec 06 j 00:41	3°♐18'17	2°40'34
min. Earth dist.	-1338 Dec 07 j 04:59	1°♐45'21	0.66443 AU
	-1338 Dec 08 j 14:08	30°℞♏	
morning rise	-1338 Dec 11 j 11:04	26°♏54'47	
direct	-1338 Dec 17 j 11:55	24°♏15'42	
	-1338 Dec 28 j 03:39	0°♐	
morning max el	-1338 Dec 29 j 16:25	1°♐29'03	25°38'05
desc. node	-1337 Jan 06 j 23:42	11°♐06'03	
	-1337 Jan 20 j 06:09	0°♑	
morning set	-1337 Feb 03 j 21:57	24°♑40'43	
	-1337 Feb 06 j 18:53	0°♒	
max. Earth dist.	-1337 Feb 07 j 18:23	1°♒51'11	1.36094 AU
superior conj	-1337 Feb 13 j 09:37	12°♒51'52	-1°-29'-29
minimum elong	-1337 Feb 13 j 13:12	13°♒09'52	1°29'03
evening rise	-1337 Feb 21 j 11:16	29°♒17'19	
	-1337 Feb 21 j 19:42	0°♓	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

asc. node	-1337 Feb 23 j 08:57	3°♓07'19	
evening max el	-1337 Mar 11 j 05:16	27°♓57'08	19°58'11
	-1337 Mar 13 j 15:26	0°♈	
retrograde	-1337 Mar 21 j 08:22	2°♈47'42	
evening set	-1337 Mar 23 j 12:23	2°♈35'22	
	-1337 Mar 29 j 22:12	30°℞♓	
inferior conj	-1337 Apr 01 j 07:34	28°♓34'50	1°00'49
minimum elong	-1337 Apr 01 j 10:09	28°♓30'53	0°59'56
min. Earth dist.	-1337 Apr 03 j 09:58	27°♓18'11	0.55612 AU
desc. node	-1337 Apr 04 j 22:51	26°♓24'35	
morning rise	-1337 Apr 10 j 04:58	24°♓05'41	
direct	-1337 Apr 14 j 05:35	23°♓29'59	
	-1337 Apr 27 j 15:58	0°♈	
morning max el	-1337 Apr 28 j 01:13	0°♈21'42	24°01'52
	-1337 May 18 j 02:21	0°♉	
asc. node	-1337 May 22 j 08:18	8°♉37'44	
morning set	-1337 May 22 j 12:12	8°♉58'10	
superior conj	-1337 May 29 j 14:22	24°♉12'03	1°09'44
minimum elong	-1337 May 29 j 11:54	23°♉58'44	1°09'21
max. Earth dist.	-1337 May 31 j 11:58	28°♉16'49	1.33350 AU
	-1337 Jun 01 j 07:21	0°♊	
evening rise	-1337 Jun 06 j 01:10	9°♊49'35	
	-1337 Jun 16 j 21:19	0°♋	
desc. node	-1337 Jul 01 j 22:09	22°♋17'18	
	-1337 Jul 08 j 19:07	0°♌	
evening max el	-1337 Jul 09 j 09:14	0°♌34'12	27°25'16
retrograde	-1337 Jul 23 j 01:15	7°♌55'27	
evening set	-1337 Jul 30 j 05:34	5°♌16'06	
min. Earth dist.	-1337 Aug 02 j 20:20	2°♌05'45	0.63553 AU
	-1337 Aug 04 j 21:48	30°℞♋	
inferior conj	-1337 Aug 05 j 11:23	29°♋25'06	-3°-41'-45
minimum elong	-1337 Aug 05 j 15:49	29°♋13'46	3°40'40
morning rise	-1337 Aug 12 j 04:10	24°♋06'54	
direct	-1337 Aug 14 j 17:10	23°♋35'25	
asc. node	-1337 Aug 18 j 07:29	24°♋39'03	
morning max el	-1337 Aug 21 j 06:46	27°♋00'43	17°55'30
	-1337 Aug 23 j 21:36	0°♌	
morning set	-1337 Sep 07 j 00:37	22°♌50'56	
	-1337 Sep 11 j 03:41	0°♍	
superior conj	-1337 Sep 19 j 08:09	13°♍48'38	0°54'11
minimum elong	-1337 Sep 19 j 13:10	14°♍09'22	0°53'33
max. Earth dist.	-1337 Sep 25 j 09:22	23°♍39'06	1.43915 AU
desc. node	-1337 Sep 27 j 21:29	27°♍38'40	
	-1337 Sep 29 j 09:16	0°♎	
evening rise	-1337 Oct 05 j 05:39	9°♎07'15	
	-1337 Oct 19 j 01:37	0°♏	
greatest brilliancy	-1337 Oct 27 j 23:29	12°♏31'40	-0.5m
evening max el	-1337 Nov 02 j 19:20	19°♏27'52	20°44'04
retrograde	-1337 Nov 11 j 00:33	24°♏19'37	
asc. node	-1337 Nov 14 j 06:39	23°♏19'05	
evening set	-1337 Nov 14 j 20:41	22°♏55'07	
inferior conj	-1337 Nov 20 j 07:31	16°♏43'32	1°58'12
minimum elong	-1337 Nov 20 j 05:07	16°♏51'44	1°57'18
min. Earth dist.	-1337 Nov 20 j 20:48	15°♏58'14	0.67148 AU
morning rise	-1337 Nov 25 j 13:05	10°♏27'28	
direct	-1337 Nov 30 j 22:55	8°♏06'36	
morning max el	-1337 Dec 12 j 00:55	14°♏43'23	24°14'47
desc. node	-1337 Dec 24 j 20:45	0°♐27'12	
	-1337 Dec 24 j 12:51	0°♐	
	-1336 Jan 13 j 04:08	0°♑	
morning set	-1336 Jan 16 j 19:25	6°♑11'46	
max. Earth dist.	-1336 Jan 20 j 14:52	12°♑55'28	1.38032 AU
superior conj	-1336 Jan 27 j 15:21	25°♑58'15	-1°-47'-52
minimum elong	-1336 Jan 27 j 18:36	26°♑13'49	1°47'39
	-1336 Jan 29 j 17:26	0°♒	
evening rise	-1336 Feb 05 j 10:30	13°♒13'18	
asc. node	-1336 Feb 10 j 05:59	22°♒31'00	
	-1336 Feb 14 j 11:42	0°♓	
evening max el	-1336 Feb 22 j 01:05	10°♓01'10	19°01'51
retrograde	-1336 Mar 01 j 14:28	14°♓08'00	
evening set	-1336 Mar 03 j 21:19	13°♓51'38	
inferior conj	-1336 Mar 11 j 22:43	9°♓37'07	2°32'55
minimum elong	-1336 Mar 12 j 03:19	9°♓29'04	2°31'42
min. Earth dist.	-1336 Mar 15 j 01:50	7°♓26'31	0.56996 AU
morning rise	-1336 Mar 20 j 05:11	4°♓35'45	
desc. node	-1336 Mar 21 j 19:55	4°♓02'32	
direct	-1336 Mar 25 j 09:48	3°♓31'53	
morning max el	-1336 Apr 08 j 16:10	10°♓54'33	25°37'15
	-1336 Apr 23 j 06:10	0°♈	
morning set	-1336 May 06 j 00:04	23°♈57'42	
asc. node	-1336 May 08 j 05:20	28°♈41'03	
	-1336 May 08 j 19:59	0°♉	
superior conj	-1336 May 13 j 00:59	9°♉10'26	0°48'53
minimum elong	-1336 May 12 j 23:01	8°♉59'42	0°48'31
max. Earth dist.	-1336 May 13 j 21:28	11°♉02'13	1.32711 AU
evening rise	-1336 May 20 j 04:16	24°♉25'58	
	-1336 May 22 j 22:15	0°♊	
	-1336 Jun 09 j 14:45	0°♋	
desc. node	-1336 Jun 17 j 19:11	10°♋12'56	
evening max el	-1336 Jun 20 j 16:14	13°♋08'55	27°11'21
retrograde	-1336 Jul 04 j 13:56	20°♋28'09	
evening set	-1336 Jul 11 j 15:32	18°♋09'31	
min. Earth dist.	-1336 Jul 15 j 06:14	15°♋23'00	0.61707 AU
inferior conj	-1336 Jul 18 j 08:56	12°♋34'22	-4°-17'-42
minimum elong	-1336 Jul 18 j 12:31	12°♋26'17	4°17'12
morning rise	-1336 Jul 25 j 12:15	7°♋36'33	
direct	-1336 Jul 27 j 23:17	7°♋10'49	
morning max el	-1336 Aug 03 j 21:06	10°♋38'25	17°57'48
asc. node	-1336 Aug 04 j 04:33	10°♋56'55	
	-1336 Aug 16 j 16:42	0°♌	
morning set	-1336 Aug 19 j 20:38	5°♌44'44	
superior conj	-1336 Aug 30 j 11:24	24°♌45'23	1°24'43
minimum elong	-1336 Aug 30 j 16:07	25°♌05'53	1°24'16
	-1336 Sep 02 j 12:40	0°♍	
max. Earth dist.	-1336 Sep 06 j 21:03	7°♍16'30	1.42466 AU
evening rise	-1336 Sep 13 j 15:49	18°♍12'17	
desc. node	-1336 Sep 13 j 18:32	18°♍23'01	
	-1336 Sep 21 j 07:11	0°♎	
greatest brilliancy	-1336 Oct 10 j 20:38	27°♎30'26	-0.4m
	-1336 Oct 12 j 22:45	0°♏	
evening max el	-1336 Oct 15 j 15:15	2°♏55'31	21°57'23
retrograde	-1336 Oct 24 j 20:46	8°♏24'46	
evening set	-1336 Oct 29 j 04:35	6°♏43'02	
asc. node	-1336 Oct 31 j 03:43	4°♏49'34	
inferior conj	-1336 Nov 03 j 13:54	0°♏24'12	1°09'36
minimum elong	-1336 Nov 03 j 12:21	0°♏29'34	1°08'57
min. Earth dist.	-1336 Nov 03 j 16:15	0°♏16'05	0.67517 AU
	-1336 Nov 03 j 20:54	30°℞♎	
morning rise	-1336 Nov 08 j 19:52	24°♎08'45	
direct	-1336 Nov 13 j 14:26	22°♎09'42	
morning max el	-1336 Nov 23 j 10:58	28°♎01'15	22°47'18
	-1336 Nov 25 j 07:48	0°♏	
greatest brilliancy	-1336 Nov 28 j 03:57	3°♏17'46	-0.3m
desc. node	-1336 Dec 10 j 17:49	20°♏17'53	
	-1336 Dec 17 j 06:05	0°♐	
morning set	-1336 Dec 27 j 13:40	16°♐21'01	
max. Earth dist.	-1335 Jan 01 j 10:22	24°♐30'27	1.40140 AU
	-1335 Jan 04 j 14:27	0°♑	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1335 Jan 09 j 05:05	8°♉14'30	-1°-58'-30
minimum elong	-1335 Jan 09 j 06:26	8°♉20'40	1°58'30
evening rise	-1335 Jan 19 j 00:28	26°♉37'10	
	-1335 Jan 20 j 19:16	0°♒	
asc. node	-1335 Jan 27 j 03:01	11°♒28'14	
evening max el	-1335 Feb 04 j 05:25	22°♒37'02	18°25'29
retrograde	-1335 Feb 11 j 15:18	26°♒15'55	
evening set	-1335 Feb 14 j 02:31	25°♒52'53	
inferior conj	-1335 Feb 21 j 10:40	21°♒17'51	3°29'00
minimum elong	-1335 Feb 21 j 13:58	21°♒11'06	3°28'28
min. Earth dist.	-1335 Feb 24 j 20:54	18°♒31'17	0.58902 AU
morning rise	-1335 Feb 28 j 21:46	15°♒50'06	
direct	-1335 Mar 07 j 03:17	14°♒08'47	
desc. node	-1335 Mar 08 j 16:57	14°♒15'08	
morning max el	-1335 Mar 21 j 10:33	21°♒47'23	26°52'52
	-1335 Mar 28 j 15:24	0°♓	
	-1335 Apr 16 j 01:14	0°♈	
morning set	-1335 Apr 20 j 10:20	8°♈51'42	
asc. node	-1335 Apr 25 j 02:23	18°♈51'13	
superior conj	-1335 Apr 27 j 12:45	24°♈10'43	0°25'27
minimum elong	-1335 Apr 27 j 11:38	24°♈04'37	0°25'14
max. Earth dist.	-1335 Apr 27 j 10:20	23°♈57'27	1.32433 AU
	-1335 Apr 30 j 04:33	0°♉	
evening rise	-1335 May 04 j 12:22	9°♉16'18	
	-1335 May 15 j 07:35	0°♊	
evening max el	-1335 Jun 02 j 17:27	25°♊01'41	26°24'31
desc. node	-1335 Jun 04 j 16:12	26°♊47'08	
	-1335 Jun 09 j 03:45	0°♋	
retrograde	-1335 Jun 16 j 18:19	2°♋16'58	
evening set	-1335 Jun 23 j 05:45	0°♋31'49	
	-1335 Jun 24 j 04:23	30°℞♊	
min. Earth dist.	-1335 Jun 27 j 06:37	27°♊53'31	0.59676 AU
inferior conj	-1335 Jun 30 j 15:02	25°♊15'30	-4°-35'-56
minimum elong	-1335 Jun 30 j 15:57	25°♊13'41	4°35'55
morning rise	-1335 Jul 08 j 05:33	20°♊40'01	
direct	-1335 Jul 10 j 16:48	20°♊18'08	
morning max el	-1335 Jul 18 j 07:16	23°♊57'55	18°19'36
asc. node	-1335 Jul 22 j 01:37	28°♊19'53	
	-1335 Jul 23 j 06:09	0°♋	
morning set	-1335 Aug 03 j 06:57	19°♋20'37	
	-1335 Aug 08 j 21:45	0°♌	
superior conj	-1335 Aug 12 j 15:21	6°♌55'36	1°41'57
minimum elong	-1335 Aug 12 j 17:56	7°♌07'23	1°41'50
max. Earth dist.	-1335 Aug 20 j 03:26	20°♌13'47	1.40621 AU
evening rise	-1335 Aug 24 j 21:21	28°♌12'15	
	-1335 Aug 25 j 23:39	0°♍	
desc. node	-1335 Aug 31 j 15:34	9°♍01'35	
	-1335 Sep 14 j 21:44	0°♎	
greatest brilliancy	-1335 Sep 21 j 03:15	8°♎14'47	-0.2m
evening max el	-1335 Sep 28 j 06:11	16°♎24'57	23°16'54
retrograde	-1335 Oct 08 j 14:12	22°♎31'44	
evening set	-1335 Oct 13 j 11:37	20°♎31'20	
asc. node	-1335 Oct 18 j 00:46	15°♎17'36	
inferior conj	-1335 Oct 18 j 20:50	14°♎08'55	0°17'17
minimum elong	-1335 Oct 18 j 20:25	14°♎10'20	0°17'06
min. Earth dist.	-1335 Oct 18 j 12:48	14°♎36'28	0.67570 AU
morning rise	-1335 Oct 24 j 05:16	7°♎56'50	
direct	-1335 Oct 28 j 09:29	6°♎20'03	
morning max el	-1335 Nov 06 j 02:07	11°♎26'25	21°24'07
greatest brilliancy	-1335 Nov 11 j 06:36	17°♎24'18	-0.4m
	-1335 Nov 20 j 12:01	0°♏	
desc. node	-1335 Nov 27 j 14:52	10°♏29'33	
morning set	-1335 Dec 07 j 03:22	25°♏09'22	
	-1335 Dec 10 j 04:28	0°♐	
max. Earth dist.	-1335 Dec 14 j 12:06	7°♐00'47	1.42131 AU
superior conj	-1335 Dec 21 j 21:16	19°♐26'38	-1°-57'-23
minimum elong	-1335 Dec 21 j 18:50	19°♐16'11	1°57'21
	-1335 Dec 27 j 21:26	0°♉	
evening rise	-1334 Jan 02 j 01:37	9°♉20'44	
asc. node	-1334 Jan 14 j 00:04	29°♉49'59	
	-1334 Jan 14 j 02:49	0°♒	
evening max el	-1334 Jan 18 j 15:08	5°♒34'58	18°08'55
retrograde	-1334 Jan 25 j 09:11	9°♒01'52	
evening set	-1334 Jan 28 j 00:12	8°♒30'55	
inferior conj	-1334 Feb 03 j 18:03	3°♒33'47	3°52'37
minimum elong	-1334 Feb 03 j 18:55	3°♒31'45	3°52'34
min. Earth dist.	-1334 Feb 06 j 22:06	0°♒35'25	0.60978 AU
	-1334 Feb 07 j 14:09	30°℞♉	
morning rise	-1334 Feb 10 j 10:57	27°♉47'39	
direct	-1334 Feb 17 j 07:19	25°♉30'45	
desc. node	-1334 Feb 23 j 14:00	27°♉13'50	
	-1334 Feb 27 j 18:27	0°♒	
morning max el	-1334 Mar 03 j 11:09	3°♒17'21	27°36'58
	-1334 Mar 23 j 03:16	0°♓	
morning set	-1334 Apr 04 j 17:03	23°♓32'30	
	-1334 Apr 07 j 19:01	0°♈	
max. Earth dist.	-1334 Apr 10 j 22:40	6°♈48'00	1.32505 AU
superior conj	-1334 Apr 11 j 23:55	9°♈05'45	0°00'13
minimum elong	-1334 Apr 11 j 23:55	9°♈05'42	0°00'14
behind sun begin	-1334 Apr 11 j 18:52	8°♈38'10	
behind sun end	-1334 Apr 12 j 04:57	9°♈33'15	
asc. node	-1334 Apr 11 j 23:25	9°♈02'58	
evening rise	-1334 Apr 18 j 23:13	24°♈11'41	
	-1334 Apr 21 j 18:29	0°♉	
	-1334 May 09 j 21:54	0°♊	
evening max el	-1334 May 15 j 11:58	6°♊10'36	25°09'33
desc. node	-1334 May 22 j 13:12	11°♊27'16	
retrograde	-1334 May 29 j 12:31	13°♊18'57	
evening set	-1334 Jun 03 j 21:15	12°♊12'28	
min. Earth dist.	-1334 Jun 08 j 23:45	9°♊25'03	0.57684 AU
inferior conj	-1334 Jun 12 j 02:14	7°♊18'28	-4°-25'-48
minimum elong	-1334 Jun 11 j 22:57	7°♊24'06	4°25'28
morning rise	-1334 Jun 20 j 04:33	3°♊05'01	
direct	-1334 Jun 22 j 17:17	2°♊45'57	
morning max el	-1334 Jul 01 j 10:20	6°♊50'24	19°01'58
asc. node	-1334 Jul 08 j 22:41	16°♊33'36	
	-1334 Jul 16 j 09:02	0°♋	
morning set	-1334 Jul 18 j 03:28	3°♋27'50	
superior conj	-1334 Jul 26 j 14:23	20°♋03'59	1°47'54
minimum elong	-1334 Jul 26 j 14:42	20°♋05'31	1°47'55
	-1334 Jul 31 j 21:24	0°♌	
max. Earth dist.	-1334 Aug 02 j 06:26	2°♌30'04	1.38622 AU
evening rise	-1334 Aug 06 j 04:08	9°♌24'17	
desc. node	-1334 Aug 18 j 12:35	29°♌30'10	
	-1334 Aug 18 j 20:24	0°♍	
	-1334 Sep 10 j 19:10	0°♎	
evening max el	-1334 Sep 10 j 18:05	29°♍57'20	24°36'21
retrograde	-1334 Sep 22 j 03:54	6°♎37'10	
evening set	-1334 Sep 27 j 16:04	4°♎18'16	
	-1334 Oct 01 j 13:12	30°℞♍	
min. Earth dist.	-1334 Oct 02 j 08:06	28°♍57'49	0.67304 AU
inferior conj	-1334 Oct 03 j 02:37	27°♍56'02	0°-37'-11
minimum elong	-1334 Oct 03 j 03:32	27°♍53'00	0°36'49
asc. node	-1334 Oct 04 j 21:50	25°♍35'17	
morning rise	-1334 Oct 08 j 15:21	21°♍50'07	
direct	-1334 Oct 12 j 06:51	20°♍33'43	
morning max el	-1334 Oct 20 j 00:42	25°♍02'01	20°11'15
	-1334 Oct 24 j 07:57	0°♎	
greatest brilliancy	-1334 Oct 26 j 22:42	3°♎26'27	-0.6m
	-1334 Nov 13 j 21:18	0°♏	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-1334 Nov 14 j 11:55	0°♏56'15	
morning set	-1334 Nov 16 j 00:49	3°♏18'43	
max. Earth dist.	-1334 Nov 26 j 21:42	20°♏24'01	1.43714 AU
superior conj	-1334 Dec 02 j 11:07	29°♏24'31	-1°-40'-15
minimum elong	-1334 Dec 02 j 04:22	28°♏56'50	1°39'46
	-1334 Dec 02 j 19:46	0°♐	
evening rise	-1334 Dec 15 j 09:46	21°♐16'29	
	-1334 Dec 20 j 10:59	0°♑	
asc. node	-1334 Dec 31 j 21:05	17°♑26'04	
evening max el	-1333 Jan 02 j 03:25	18°♑48'05	18°11'45
retrograde	-1333 Jan 08 j 15:42	22°♑16'16	
evening set	-1333 Jan 11 j 10:33	21°♑36'34	
inferior conj	-1333 Jan 17 j 17:21	16°♑18'34	3°51'46
minimum elong	-1333 Jan 17 j 16:08	16°♑21'49	3°51'40
min. Earth dist.	-1333 Jan 20 j 08:21	13°♑30'51	0.62933 AU
morning rise	-1333 Jan 23 j 19:52	10°♑20'06	
direct	-1333 Jan 30 j 20:13	7°♑38'41	
desc. node	-1333 Feb 10 j 11:04	12°♑29'52	
morning max el	-1333 Feb 13 j 17:27	15°♑28'25	27°44'15
	-1333 Feb 25 j 15:39	0°♒	
	-1333 Mar 15 j 17:29	0°♓	
morning set	-1333 Mar 19 j 18:02	7°♓52'43	
max. Earth dist.	-1333 Mar 25 j 06:26	19°♓19'43	1.32953 AU
superior conj	-1333 Mar 27 j 08:50	23°♓50'01	0°-25'-56
minimum elong	-1333 Mar 27 j 10:03	23°♓56'34	0°25'42
asc. node	-1333 Mar 29 j 20:27	29°♓12'31	
	-1333 Mar 30 j 05:13	0°♈	
evening rise	-1333 Apr 03 j 10:58	9°♈05'31	
	-1333 Apr 14 j 09:26	0°♉	
evening max el	-1333 Apr 27 j 02:49	16°♉50'41	23°37'44
desc. node	-1333 May 09 j 10:13	23°♉36'37	
retrograde	-1333 May 10 j 18:49	23°♉40'49	
evening set	-1333 May 14 j 17:29	23°♉06'29	
min. Earth dist.	-1333 May 21 j 13:30	19°♉55'29	0.56060 AU
inferior conj	-1333 May 23 j 17:16	18°♉37'43	-3°-35'-39
minimum elong	-1333 May 23 j 10:39	18°♉47'41	3°34'08
morning rise	-1333 Jun 01 j 07:27	14°♉40'09	
direct	-1333 Jun 03 j 22:17	14°♉22'59	
morning max el	-1333 Jun 14 j 03:47	19°♉06'52	20°05'09
	-1333 Jun 22 j 15:31	0°♊	
asc. node	-1333 Jun 25 j 19:44	5°♊26'00	
morning set	-1333 Jul 02 j 07:06	17°♊57'54	
	-1333 Jul 08 j 04:38	0°♋	
superior conj	-1333 Jul 10 j 03:12	3°♋55'07	1°44'58
minimum elong	-1333 Jul 10 j 01:52	3°♋48'23	1°44'55
max. Earth dist.	-1333 Jul 15 j 10:48	14°♋20'03	1.36726 AU
evening rise	-1333 Jul 19 j 10:04	21°♋44'12	
	-1333 Jul 24 j 01:57	0°♌	
desc. node	-1333 Aug 05 j 09:34	19°♌43'10	
	-1333 Aug 12 j 16:46	0°♍	
evening max el	-1333 Aug 24 j 05:09	13°♍31'40	25°48'23
retrograde	-1333 Sep 05 j 13:09	20°♍35'35	
evening set	-1333 Sep 11 j 16:05	18°♍01'02	
min. Earth dist.	-1333 Sep 15 j 23:48	13°♍17'06	0.66713 AU
inferior conj	-1333 Sep 17 j 05:29	11°♍42'44	-1°-32'-16
minimum elong	-1333 Sep 17 j 07:46	11°♍35'29	1°31'21
asc. node	-1333 Sep 21 j 18:54	6°♍38'59	
morning rise	-1333 Sep 23 j 00:12	5°♍45'54	
direct	-1333 Sep 26 j 05:07	4°♍46'38	
morning max el	-1333 Oct 03 j 06:33	8°♍46'08	19°12'08
	-1333 Oct 18 j 13:41	0°♎	
morning set	-1333 Oct 26 j 05:50	11°♎57'18	
desc. node	-1333 Nov 01 j 08:55	21°♎32'42	
	-1333 Nov 06 j 18:17	0°♏	
max. Earth dist.	-1333 Nov 09 j 12:45	4°♏21'42	1.44692 AU
superior conj	-1333 Nov 11 j 23:20	8°♏13'20	-1°-5'-16
minimum elong	-1333 Nov 11 j 15:52	7°♏43'48	1°04'26
	-1333 Nov 25 j 11:31	0°♐	
evening rise	-1333 Nov 26 j 20:26	2°♐15'15	
	-1333 Dec 14 j 17:16	0°♑	
evening max el	-1333 Dec 16 j 15:31	2°♑09'50	18°33'18
asc. node	-1333 Dec 18 j 18:07	4°♑03'07	
retrograde	-1333 Dec 23 j 06:27	5°♑50'16	
evening set	-1333 Dec 26 j 06:06	5°♑00'35	
	-1333 Dec 31 j 16:22	30°℞♐	
inferior conj	-1332 Jan 01 j 04:37	29°♐23'58	3°33'35
minimum elong	-1332 Jan 01 j 02:09	29°♐31'13	3°33'10
min. Earth dist.	-1332 Jan 03 j 04:31	27°♐02'53	0.64591 AU
morning rise	-1332 Jan 06 j 20:57	23°♐17'23	
direct	-1332 Jan 13 j 16:34	20°♐26'14	
morning max el	-1332 Jan 27 j 02:40	28°♐11'28	27°16'29
desc. node	-1332 Jan 28 j 08:07	29°♐26'52	
	-1332 Jan 28 j 20:37	0°♑	
	-1332 Feb 19 j 09:28	0°♒	
morning set	-1332 Mar 02 j 10:25	21°♒43'20	
	-1332 Mar 06 j 13:53	0°♓	
max. Earth dist.	-1332 Mar 07 j 05:38	1°♓20'41	1.33815 AU
superior conj	-1332 Mar 10 j 13:37	8°♓17'38	0°-52'00
minimum elong	-1332 Mar 10 j 16:01	8°♓30'21	0°51'34
asc. node	-1332 Mar 15 j 17:28	19°♓15'49	
evening rise	-1332 Mar 17 j 21:51	23°♓51'58	
	-1332 Mar 20 j 21:33	0°♈	
evening max el	-1332 Apr 07 j 20:45	27°♈31'29	22°03'41
	-1332 Apr 10 j 17:58	0°♉	
retrograde	-1332 Apr 20 j 13:19	3°♉43'30	
evening set	-1332 Apr 23 j 07:31	3°♉26'38	
desc. node	-1332 Apr 25 j 07:15	2°♉54'53	
	-1332 May 01 j 12:25	30°℞♈	
min. Earth dist.	-1332 May 02 j 02:54	29°♈39'42	0.55149 AU
inferior conj	-1332 May 02 j 16:29	29°♈20'33	-2°-2'-37
minimum elong	-1332 May 02 j 11:03	29°♈28'12	2°00'51
morning rise	-1332 May 11 j 16:05	25°♈24'34	
direct	-1332 May 14 j 12:33	25°♈06'20	
	-1332 May 25 j 15:47	0°♉	
morning max el	-1332 May 26 j 10:17	0°♉41'42	21°27'30
asc. node	-1332 Jun 11 j 16:47	24°♉47'40	
	-1332 Jun 14 j 07:25	0°♊	
morning set	-1332 Jun 15 j 15:29	2°♊44'27	
superior conj	-1332 Jun 23 j 01:44	18°♊17'04	1°35'13
minimum elong	-1332 Jun 22 j 23:28	18°♊05'14	1°35'01
max. Earth dist.	-1332 Jun 26 j 22:35	26°♊11'56	1.35122 AU
	-1332 Jun 28 j 20:27	0°♋	
evening rise	-1332 Jul 01 j 10:20	4°♋59'41	
	-1332 Jul 15 j 20:38	0°♌	
desc. node	-1332 Jul 22 j 06:35	9°♌33'41	
evening max el	-1332 Aug 05 j 16:48	27°♌04'28	26°45'01
	-1332 Aug 09 j 00:02	0°♍	
retrograde	-1332 Aug 18 j 17:24	4°♍21'12	
evening set	-1332 Aug 25 j 09:31	1°♍37'04	
	-1332 Aug 27 j 03:28	30°℞♌	
min. Earth dist.	-1332 Aug 29 j 09:34	27°♌30'59	0.65777 AU
inferior conj	-1332 Aug 31 j 03:30	25°♌26'36	-2°-26'-1
minimum elong	-1332 Aug 31 j 07:01	25°♌16'10	2°24'45
morning rise	-1332 Sep 06 j 05:44	19°♌41'56	
asc. node	-1332 Sep 07 j 15:58	19°♌07'40	
direct	-1332 Sep 09 j 02:32	18°♌56'03	
morning max el	-1332 Sep 15 j 18:06	22°♌35'43	18°28'47
	-1332 Sep 21 j 15:16	0°♍	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning set	-1332 Oct 05 j 12:10	21°♍53'01	
	-1332 Oct 10 j 13:05	0°♎	
desc. node	-1332 Oct 18 j 05:56	12°♎15'36	
superior conj	-1332 Oct 20 j 23:23	16°♎33'48	0°-17'-38
minimum elong	-1332 Oct 20 j 21:03	16°♎24'36	0°17'20
max. Earth dist.	-1332 Oct 22 j 06:44	18°♎37'12	1.44962 AU
	-1332 Oct 29 j 12:34	0°♏	
evening rise	-1332 Nov 06 j 06:58	12°♏13'33	
	-1332 Nov 17 j 14:38	0°♐	
greatest brilliancy	-1332 Nov 18 j 11:48	1°♐21'09	-0.7m
evening max el	-1332 Nov 29 j 01:07	15°♐36'05	19°12'15
asc. node	-1332 Dec 04 j 15:10	19°♐26'15	
retrograde	-1332 Dec 06 j 01:52	19°♐37'56	
evening set	-1332 Dec 09 j 07:56	18°♐36'23	
inferior conj	-1332 Dec 15 j 00:28	12°♐43'51	3°03'09
minimum elong	-1332 Dec 14 j 21:33	12°♐53'06	3°02'23
min. Earth dist.	-1332 Dec 16 j 09:44	10°♐58'09	0.65880 AU
morning rise	-1332 Dec 20 j 10:18	6°♐31'56	
direct	-1332 Dec 26 j 19:11	3°♐45'08	
morning max el	-1331 Jan 08 j 12:08	11°♐13'49	26°19'59
desc. node	-1331 Jan 14 j 05:10	17°♐35'34	
	-1331 Jan 23 j 12:33	0°♑	
	-1331 Feb 10 j 23:04	0°♒	
morning set	-1331 Feb 13 j 14:20	4°♒51'47	
max. Earth dist.	-1331 Feb 17 j 17:19	12°♒46'17	1.35135 AU
superior conj	-1331 Feb 22 j 11:56	22°♒21'01	-1°-16'-39
minimum elong	-1331 Feb 22 j 15:15	22°♒38'03	1°16'10
	-1331 Feb 26 j 04:46	0°♓	
evening rise	-1331 Mar 02 j 05:58	8°♓24'12	
asc. node	-1331 Mar 02 j 14:30	9°♓08'02	
	-1331 Mar 14 j 00:18	0°♈	
evening max el	-1331 Mar 20 j 23:38	8°♈37'49	20°39'21
retrograde	-1331 Apr 01 j 02:19	13°♈57'36	
evening set	-1331 Apr 03 j 07:47	13°♈45'38	
inferior conj	-1331 Apr 12 j 11:18	9°♈48'24	0°-4'-57
minimum elong	-1331 Apr 12 j 11:04	9°♈48'44	0°04'52
transit middle	-1331 Apr 12 j 11:04	9°♈48'44	0°04'52
transit begin	-1331 Apr 12 j 07:12	9°♈54'18	
transit end	-1331 Apr 12 j 14:56	9°♈43'09	
desc. node	-1331 Apr 12 j 04:18	9°♈58'28	
min. Earth dist.	-1331 Apr 13 j 16:37	9°♈06'11	0.55174 AU
morning rise	-1331 Apr 21 j 12:44	5°♈35'47	
direct	-1331 Apr 25 j 00:17	5°♈09'30	
morning max el	-1331 May 08 j 06:50	11°♈36'26	23°03'54
	-1331 May 21 j 22:51	0°♉	
asc. node	-1331 May 29 j 13:50	14°♉30'08	
morning set	-1331 May 31 j 02:34	17°♉40'29	
	-1331 Jun 05 j 21:20	0°♊	
superior conj	-1331 Jun 07 j 06:47	2°♊58'53	1°20'14
minimum elong	-1331 Jun 07 j 04:14	2°♊45'14	1°19'54
max. Earth dist.	-1331 Jun 09 j 20:18	8°♊24'25	1.33891 AU
evening rise	-1331 Jun 14 j 23:58	18°♊55'33	
	-1331 Jun 20 j 19:45	0°♋	
desc. node	-1331 Jul 09 j 03:37	28°♋51'15	
	-1331 Jul 10 j 00:38	0°♌	
evening max el	-1331 Jul 19 j 04:27	10°♌25'04	27°18'49
retrograde	-1331 Aug 01 j 15:58	17°♌45'31	
evening set	-1331 Aug 08 j 17:34	15°♌01'12	
min. Earth dist.	-1331 Aug 12 j 11:09	11°♌31'48	0.64471 AU
inferior conj	-1331 Aug 14 j 18:19	9°♌02'19	-3°-16'-1
minimum elong	-1331 Aug 14 j 22:39	8°♌50'34	3°14'45
morning rise	-1331 Aug 21 j 05:25	3°♌33'15	
direct	-1331 Aug 23 j 20:37	2°♌57'16	
asc. node	-1331 Aug 25 j 13:02	3°♌12'04	

morning max el	-1331 Aug 30 j 08:53	6°♌25'25	18°02'32
	-1331 Sep 15 j 01:32	0°♍	
morning set	-1331 Sep 16 j 22:33	3°♍10'33	
superior conj	-1331 Sep 30 j 09:32	25°♍28'01	0°30'34
minimum elong	-1331 Sep 30 j 12:59	25°♍41'58	0°30'06
	-1331 Oct 03 j 05:19	0°♎	
max. Earth dist.	-1331 Oct 05 j 00:59	2°♎53'49	1.44497 AU
desc. node	-1331 Oct 05 j 02:59	3°♎01'44	
evening rise	-1331 Oct 16 j 20:43	21°♎22'21	
	-1331 Oct 22 j 11:30	0°♏	
greatest brilliancy	-1331 Nov 05 j 08:49	20°♏33'20	-0.6m
evening max el	-1331 Nov 12 j 06:13	29°♏04'03	20°06'43
	-1331 Nov 13 j 04:47	0°♐	
retrograde	-1331 Nov 19 j 23:14	3°♐35'19	
asc. node	-1331 Nov 21 j 12:13	3°♐21'42	
evening set	-1331 Nov 23 j 13:43	2°♐19'43	
	-1331 Nov 26 j 02:21	30°℞♏	
inferior conj	-1331 Nov 29 j 02:08	26°♏14'10	2°23'53
minimum elong	-1331 Nov 28 j 23:24	26°♏23'18	2°22'57
min. Earth dist.	-1331 Nov 29 j 22:14	25°♏07'00	0.66792 AU
morning rise	-1331 Dec 04 j 08:32	19°♏59'13	
direct	-1331 Dec 10 j 03:16	17°♏27'06	
morning max el	-1331 Dec 21 j 20:46	24°♏25'38	25°03'45
	-1331 Dec 26 j 21:27	0°♐	
desc. node	-1330 Jan 01 j 02:13	6°♐35'00	
	-1330 Jan 16 j 23:18	0°♑	
morning set	-1330 Jan 27 j 00:42	17°♑03'23	
max. Earth dist.	-1330 Jan 30 j 18:12	23°♑50'58	1.36887 AU
	-1330 Feb 03 j 00:26	0°♒	
superior conj	-1330 Feb 06 j 00:50	5°♒51'40	-1°-38'-1
minimum elong	-1330 Feb 06 j 04:26	6°♒09'22	1°37'39
evening rise	-1330 Feb 14 j 09:11	22°♒35'58	
asc. node	-1330 Feb 17 j 11:33	28°♒44'14	
	-1330 Feb 18 j 03:13	0°♓	
evening max el	-1330 Mar 03 j 13:29	20°♓20'51	19°31'47
retrograde	-1330 Mar 12 j 23:14	24°♓50'48	
evening set	-1330 Mar 15 j 04:14	24°♓37'02	
inferior conj	-1330 Mar 23 j 16:03	20°♓31'35	1°44'02
minimum elong	-1330 Mar 23 j 19:59	20°♓25'15	1°42'48
min. Earth dist.	-1330 Mar 26 j 07:04	18°♓50'45	0.56122 AU
desc. node	-1330 Mar 30 j 01:20	16°♓44'39	
morning rise	-1330 Apr 01 j 08:09	15°♓49'04	
direct	-1330 Apr 05 j 20:36	15°♓03'02	
morning max el	-1330 Apr 19 j 21:58	22°♓09'07	24°43'54
	-1330 Apr 26 j 19:19	0°♈	
	-1330 May 14 j 07:52	0°♉	
morning set	-1330 May 15 j 14:39	2°♉40'30	
asc. node	-1330 May 16 j 10:54	4°♉27'26	
superior conj	-1330 May 22 j 15:56	17°♉53'01	1°01'15
minimum elong	-1330 May 22 j 13:38	17°♉40'30	1°00'52
max. Earth dist.	-1330 May 24 j 02:31	21°♉00'15	1.33040 AU
	-1330 May 28 j 08:13	0°♊	
evening rise	-1330 May 29 j 23:03	3°♊19'54	
	-1330 Jun 13 j 14:43	0°♋	
desc. node	-1330 Jun 26 j 00:38	17°♋21'58	
evening max el	-1330 Jul 01 j 13:51	23°♋19'56	27°23'22
	-1330 Jul 11 j 12:12	0°♌	
retrograde	-1330 Jul 15 j 08:13	0°♌39'39	
	-1330 Jul 19 j 00:35	30°℞♋	
evening set	-1330 Jul 22 j 12:46	28°♋07'32	
min. Earth dist.	-1330 Jul 26 j 02:44	25°♋08'55	0.62805 AU
inferior conj	-1330 Jul 28 j 23:05	22°♋23'16	-3°-58'-38
minimum elong	-1330 Jul 29 j 03:21	22°♋12'55	3°57'47
morning rise	-1330 Aug 04 j 20:14	17°♋13'17	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

direct	-1330 Aug 07 j 08:15	16°♋44'23	
asc. node	-1330 Aug 12 j 10:06	18°♋45'10	
morning max el	-1330 Aug 14 j 00:12	20°♋09'16	17°54'12
	-1330 Aug 21 j 07:52	0°♌	
morning set	-1330 Aug 30 j 07:58	15°♌33'52	
	-1330 Sep 07 j 13:32	0°♍	
superior conj	-1330 Sep 10 j 20:49	5°♍37'25	1°08'50
minimum elong	-1330 Sep 11 j 02:06	5°♍59'38	1°08'15
max. Earth dist.	-1330 Sep 17 j 16:09	16°♍51'52	1.43362 AU
desc. node	-1330 Sep 22 j 00:01	23°♍47'34	
	-1330 Sep 25 j 23:00	0°♎	
evening rise	-1330 Sep 26 j 02:44	0°♎14'32	
	-1330 Oct 16 j 04:10	0°♏	
greatest brilliancy	-1330 Oct 20 j 23:37	6°♏25'27	-0.4m
evening max el	-1330 Oct 26 j 05:29	12°♏31'31	21°14'08
retrograde	-1330 Nov 03 j 20:23	17°♏38'39	
evening set	-1330 Nov 07 j 21:21	16°♏06'49	
asc. node	-1330 Nov 08 j 09:17	15°♏42'37	
inferior conj	-1330 Nov 13 j 07:21	9°♏51'38	1°38'08
minimum elong	-1330 Nov 13 j 05:16	9°♏58'48	1°37'18
min. Earth dist.	-1330 Nov 13 j 15:47	9°♏22'39	0.67347 AU
morning rise	-1330 Nov 18 j 12:51	3°♏35'45	
direct	-1330 Nov 23 j 16:06	1°♏24'09	
morning max el	-1330 Dec 04 j 05:37	7°♏41'44	23°37'36
desc. node	-1330 Dec 18 j 23:17	26°♏09'57	
	-1330 Dec 21 j 15:26	0°♐	
morning set	-1329 Jan 08 j 11:13	28°♐01'00	
	-1329 Jan 09 j 15:09	0°♑	
max. Earth dist.	-1329 Jan 12 j 13:47	5°♑06'30	1.38931 AU
superior conj	-1329 Jan 20 j 00:21	18°♑38'13	-1°-53'-33
minimum elong	-1329 Jan 20 j 03:02	18°♑50'46	1°53'25
	-1329 Jan 25 j 22:52	0°♒	
evening rise	-1329 Jan 29 j 04:52	6°♒19'27	
asc. node	-1329 Feb 04 j 08:36	17°♒57'44	
	-1329 Feb 12 j 03:11	0°♓	
evening max el	-1329 Feb 14 j 13:08	2°♓38'45	18°43'49
retrograde	-1329 Feb 22 j 13:29	6°♓32'04	
evening set	-1329 Feb 24 j 22:09	6°♓13'05	
inferior conj	-1329 Mar 04 j 15:53	1°♓49'51	3°01'08
minimum elong	-1329 Mar 04 j 20:12	1°♓41'45	3°00'10
	-1329 Mar 07 j 02:31	30°♓℞	
min. Earth dist.	-1329 Mar 07 j 23:50	29°♒21'25	0.57766 AU
morning rise	-1329 Mar 12 j 14:16	26°♒36'09	
desc. node	-1329 Mar 16 j 22:24	25°♒21'37	
direct	-1329 Mar 18 j 06:09	25°♒17'16	
	-1329 Mar 29 j 10:03	0°♓	
morning max el	-1329 Apr 01 j 13:58	2°♓47'45	26°12'47
	-1329 Apr 21 j 01:01	0°♈	
morning set	-1329 Apr 30 j 02:04	17°♈38'40	
asc. node	-1329 May 03 j 07:57	24°♈34'22	
	-1329 May 05 j 19:42	0°♉	
superior conj	-1329 May 07 j 03:15	2°♉52'52	0°39'12
minimum elong	-1329 May 07 j 01:36	2°♉43'53	0°38'53
max. Earth dist.	-1329 May 07 j 14:01	3°♉51'49	1.32548 AU
evening rise	-1329 May 14 j 04:33	18°♉03'02	
	-1329 May 20 j 04:42	0°♊	
	-1329 Jun 08 j 13:01	0°♋	
desc. node	-1329 Jun 12 j 21:39	4°♋46'28	
evening max el	-1329 Jun 13 j 18:28	5°♋37'12	26°55'15
retrograde	-1329 Jun 27 j 17:33	12°♋55'08	
evening set	-1329 Jul 04 j 14:54	10°♋49'05	
min. Earth dist.	-1329 Jul 08 j 08:08	8°♋08'37	0.60854 AU
inferior conj	-1329 Jul 11 j 14:31	5°♋21'47	-4°-28'-12
minimum elong	-1329 Jul 11 j 17:12	5°♋16'02	4°27'56
morning rise	-1329 Jul 18 j 22:33	0°♋33'41	
direct	-1329 Jul 21 j 09:32	0°♋09'44	
morning max el	-1329 Jul 28 j 13:11	3°♋40'50	18°04'43
asc. node	-1329 Jul 30 j 07:11	5°♋32'55	
morning set	-1329 Aug 13 j 10:38	28°♋47'19	
	-1329 Aug 14 j 02:16	0°♌	
superior conj	-1329 Aug 23 j 11:17	17°♌07'56	1°33'34
minimum elong	-1329 Aug 23 j 15:11	17°♌25'17	1°33'16
	-1329 Aug 30 j 22:19	0°♍	
max. Earth dist.	-1329 Aug 31 j 01:41	0°♍14'04	1.41708 AU
evening rise	-1329 Sep 05 j 19:39	9°♍38'58	
desc. node	-1329 Sep 08 j 21:03	14°♍30'08	
	-1329 Sep 19 j 01:54	0°♎	
greatest brilliancy	-1329 Oct 04 j 04:10	20°♎37'18	-0.3m
evening max el	-1329 Oct 08 j 22:58	25°♎59'33	22°30'42
	-1329 Oct 13 j 16:14	0°♏	
retrograde	-1329 Oct 18 j 15:44	1°♏45'32	
evening set	-1329 Oct 23 j 05:07	29°♎55'48	
	-1329 Oct 23 j 03:02	30°℞♎	
asc. node	-1329 Oct 26 j 06:20	26°♎42'11	
inferior conj	-1329 Oct 28 j 14:11	23°♎34'42	0°47'47
minimum elong	-1329 Oct 28 j 13:05	23°♎38'29	0°47'18
min. Earth dist.	-1329 Oct 28 j 12:00	23°♎42'14	0.67574 AU
morning rise	-1329 Nov 02 j 20:58	17°♎20'20	
direct	-1329 Nov 07 j 09:10	15°♎31'06	
morning max el	-1329 Nov 16 j 17:38	21°♎03'20	22°11'01
greatest brilliancy	-1329 Nov 21 j 10:27	26°♎21'19	-0.4m
	-1329 Nov 24 j 07:34	0°♏	
desc. node	-1329 Dec 05 j 20:20	16°♏10'40	
	-1329 Dec 14 j 22:29	0°♐	
morning set	-1329 Dec 19 j 16:59	7°♐34'37	
max. Earth dist.	-1329 Dec 25 j 11:23	17°♐03'59	1.41020 AU
	-1328 Jan 01 j 23:06	0°♑	
superior conj	-1328 Jan 02 j 05:35	0°♑28'45	-1°-59'-43
minimum elong	-1328 Jan 02 j 05:33	0°♑28'35	1°59'46
evening rise	-1328 Jan 12 j 13:53	19°♑27'32	
	-1328 Jan 18 j 07:24	0°♒	
asc. node	-1328 Jan 22 j 05:37	6°♒41'17	
evening max el	-1328 Jan 28 j 20:04	15°♒24'56	18°15'57
retrograde	-1328 Feb 04 j 22:04	18°♒57'11	
evening set	-1328 Feb 07 j 10:47	18°♒31'04	
inferior conj	-1328 Feb 14 j 12:29	13°♒46'44	3°42'30
minimum elong	-1328 Feb 14 j 14:46	13°♒41'44	3°42'15
min. Earth dist.	-1328 Feb 17 j 21:22	10°♒51'49	0.59783 AU
morning rise	-1328 Feb 21 j 15:25	8°♒09'49	
direct	-1328 Feb 28 j 04:29	6°♒12'22	
desc. node	-1328 Mar 02 j 19:27	6°♒46'38	
morning max el	-1328 Mar 13 j 11:05	13°♒56'00	27°15'58
	-1328 Mar 26 j 07:49	0°♓	
	-1328 Apr 12 j 06:18	0°♈	
morning set	-1328 Apr 13 j 11:03	2°♈28'09	
asc. node	-1328 Apr 19 j 04:58	14°♈45'53	
max. Earth dist.	-1328 Apr 20 j 02:59	16°♈46'16	1.32412 AU
superior conj	-1328 Apr 20 j 14:57	17°♈51'52	0°14'55
minimum elong	-1328 Apr 20 j 14:17	17°♈48'12	0°14'47
behind sun begin	-1328 Apr 20 j 12:31	17°♈38'29	
behind sun end	-1328 Apr 20 j 16:03	17°♈57'55	
	-1328 Apr 26 j 04:47	0°♉	
evening rise	-1328 Apr 27 j 14:01	2°♉56'17	
	-1328 May 12 j 05:01	0°♊	
evening max el	-1328 May 25 j 16:32	17°♊10'11	25°55'34
desc. node	-1328 May 29 j 18:40	20°♊36'47	
retrograde	-1328 Jun 08 j 18:16	24°♊24'15	
evening set	-1328 Jun 14 j 19:38	22°♊55'24	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

min. Earth dist.	-1328 Jun 19 j 05:08	20°♊15'14	0.58797 AU
inferior conj	-1328 Jun 22 j 12:54	17°♊47'47	-4°-35'-54
minimum elong	-1328 Jun 22 j 12:09	17°♊49'11	4°35'52
morning rise	-1328 Jun 30 j 08:26	13°♊22'14	
direct	-1328 Jul 02 j 20:00	13°♊01'49	
morning max el	-1328 Jul 10 j 20:46	16°♊50'36	18°35'06
asc. node	-1328 Jul 16 j 04:14	23°♊19'17	
	-1328 Jul 20 j 07:15	0°♋	
morning set	-1328 Jul 27 j 01:42	12°♋37'30	
superior conj	-1328 Aug 05 j 00:03	29°♋45'02	1°45'43
minimum elong	-1328 Aug 05 j 01:37	29°♋52'23	1°45'40
	-1328 Aug 05 j 03:15	0°♌	
max. Earth dist.	-1328 Aug 12 j 05:36	12°♌50'49	1.39767 AU
evening rise	-1328 Aug 16 j 11:46	20°♌09'03	
	-1328 Aug 22 j 12:18	0°♍	
desc. node	-1328 Aug 25 j 18:03	5°♍05'00	
	-1328 Sep 12 j 06:34	0°♎	
evening max el	-1328 Sep 20 j 12:12	9°♎29'39	23°51'09
retrograde	-1328 Oct 01 j 07:47	15°♎52'05	
evening set	-1328 Oct 06 j 11:15	13°♎43'48	
inferior conj	-1328 Oct 11 j 20:51	7°♎20'48	0°-5'-38
minimum elong	-1328 Oct 11 j 20:59	7°♎20'21	0°05'36
transit middle	-1328 Oct 11 j 20:59	7°♎20'21	0°05'36
transit begin	-1328 Oct 11 j 18:25	7°♎29'03	
transit end	-1328 Oct 11 j 23:32	7°♎11'40	
min. Earth dist.	-1328 Oct 11 j 08:26	8°♎03'02	0.67490 AU
asc. node	-1328 Oct 12 j 03:23	6°♎58'34	
morning rise	-1328 Oct 17 j 06:52	1°♎10'43	
	-1328 Oct 19 j 11:17	30°℞♍	
direct	-1328 Oct 21 j 05:21	29°♍42'58	
	-1328 Oct 23 j 01:03	0°♎	
morning max el	-1328 Oct 29 j 11:44	4°♎32'37	20°51'34
greatest brilliancy	-1328 Nov 04 j 07:04	11°♎21'40	-0.5m
	-1328 Nov 17 j 10:07	0°♏	
desc. node	-1328 Nov 21 j 17:24	6°♏29'27	
morning set	-1328 Nov 27 j 21:16	15°♏58'51	
max. Earth dist.	-1328 Dec 06 j 15:50	29°♏55'46	1.42863 AU
	-1328 Dec 06 j 16:52	0°♐	
superior conj	-1328 Dec 13 j 11:01	11°♐10'32	-1°-52'-17
minimum elong	-1328 Dec 13 j 06:38	10°♐52'05	1°52'07
	-1328 Dec 24 j 07:10	0°♑	
evening rise	-1328 Dec 25 j 08:20	1°♑52'00	
asc. node	-1327 Jan 08 j 02:39	24°♑45'42	
evening max el	-1327 Jan 11 j 07:18	28°♑31'14	18°07'51
	-1327 Jan 12 j 23:21	0°♒	
retrograde	-1327 Jan 17 j 21:45	1°♒56'59	
evening set	-1327 Jan 20 j 14:20	1°♒22'30	
	-1327 Jan 22 j 23:17	30°℞♑	
inferior conj	-1327 Jan 27 j 03:09	26°♑16'38	3°54'44
minimum elong	-1327 Jan 27 j 03:03	26°♑16'54	3°54'44
min. Earth dist.	-1327 Jan 30 j 02:20	23°♑20'04	0.61837 AU
morning rise	-1327 Feb 02 j 13:25	20°♑24'43	
direct	-1327 Feb 09 j 12:55	17°♑55'17	
desc. node	-1327 Feb 17 j 16:30	20°♑48'52	
morning max el	-1327 Feb 23 j 14:13	25°♑44'20	27°44'30
	-1327 Feb 27 j 13:26	0°♒	
	-1327 Mar 19 j 18:13	0°♓	
morning set	-1327 Mar 28 j 15:39	17°♓02'02	
max. Earth dist.	-1327 Apr 03 j 13:43	29°♓30'35	1.32644 AU
	-1327 Apr 03 j 19:10	0°♈	
superior conj	-1327 Apr 05 j 01:26	2°♈44'10	0°-10'-47
minimum elong	-1327 Apr 05 j 01:56	2°♈46'54	0°10'42
behind sun begin	-1327 Apr 04 j 22:08	2°♈26'14	
behind sun end	-1327 Apr 05 j 05:44	3°♈07'34	
asc. node	-1327 Apr 06 j 02:00	4°♈57'58	
evening rise	-1327 Apr 12 j 01:30	17°♈52'42	
	-1327 Apr 18 j 01:42	0°♉	
evening max el	-1327 May 07 j 09:04	28°♉05'23	24°31'49
	-1327 May 09 j 12:10	0°♊	
desc. node	-1327 May 16 j 15:39	4°♊17'49	
retrograde	-1327 May 21 j 07:43	5°♊07'47	
evening set	-1327 May 26 j 01:58	4°♊16'49	
min. Earth dist.	-1327 May 31 j 20:45	1°♊20'37	0.56927 AU
	-1327 Jun 02 j 23:02	30°℞♉	
inferior conj	-1327 Jun 03 j 15:31	29°♉33'16	-4°-10'00
minimum elong	-1327 Jun 03 j 10:29	29°♉41'25	4°09'12
morning rise	-1327 Jun 11 j 22:54	25°♉27'22	
direct	-1327 Jun 14 j 12:18	25°♉09'17	
morning max el	-1327 Jun 23 j 20:01	29°♉29'15	19°26'13
	-1327 Jun 24 j 08:52	0°♊	
asc. node	-1327 Jul 03 j 01:18	11°♊51'11	
morning set	-1327 Jul 11 j 01:36	26°♊55'35	
	-1327 Jul 12 j 14:26	0°♋	
superior conj	-1327 Jul 19 j 05:31	13°♋13'14	1°47'36
minimum elong	-1327 Jul 19 j 05:02	13°♋10'54	1°47'37
max. Earth dist.	-1327 Jul 25 j 08:16	24°♋52'25	1.37795 AU
	-1327 Jul 28 j 03:54	0°♌	
evening rise	-1327 Jul 29 j 05:00	1°♌51'46	
desc. node	-1327 Aug 12 j 15:02	25°♌27'36	
	-1327 Aug 15 j 16:28	0°♍	
evening max el	-1327 Sep 02 j 23:41	23°♍03'45	25°08'27
retrograde	-1327 Sep 14 j 19:36	29°♍54'47	
evening set	-1327 Sep 20 j 14:02	27°♍29'03	
min. Earth dist.	-1327 Sep 25 j 02:34	22°♍23'39	0.67093 AU
inferior conj	-1327 Sep 26 j 01:37	21°♍08'06	-1°00'-35
minimum elong	-1327 Sep 26 j 03:06	21°♍03'13	0°59'58
asc. node	-1327 Sep 29 j 00:27	17°♍29'24	
morning rise	-1327 Oct 01 j 16:40	15°♍05'27	
direct	-1327 Oct 05 j 03:27	13°♍56'35	
morning max el	-1327 Oct 12 j 13:23	18°♍11'26	19°44'12
greatest brilliancy	-1327 Oct 20 j 15:16	28°♍20'01	-0.6m
	-1327 Oct 21 j 19:18	0°♎	
morning set	-1327 Nov 06 j 18:49	24°♎11'40	
desc. node	-1327 Nov 08 j 14:25	27°♎00'42	
	-1327 Nov 10 j 12:31	0°♏	
max. Earth dist.	-1327 Nov 19 j 04:02	13°♏35'48	1.44212 AU
superior conj	-1327 Nov 23 j 13:16	20°♏36'56	-1°-27'-31
minimum elong	-1327 Nov 23 j 05:30	20°♏05'36	1°26'47
	-1327 Nov 29 j 07:28	0°♐	
evening rise	-1327 Dec 07 j 07:48	13°♐24'05	
	-1327 Dec 17 j 05:38	0°♑	
asc. node	-1327 Dec 25 j 23:41	11°♑58'49	
evening max el	-1327 Dec 25 j 19:54	11°♑49'17	18°18'47
retrograde	-1326 Jan 01 j 08:11	15°♑21'04	
evening set	-1326 Jan 04 j 05:01	14°♑37'10	
inferior conj	-1326 Jan 10 j 07:59	9°♑11'01	3°45'50
minimum elong	-1326 Jan 10 j 06:08	9°♑16'11	3°45'36
min. Earth dist.	-1326 Jan 12 j 16:37	6°♑33'18	0.63682 AU
morning rise	-1326 Jan 16 j 05:43	3°♑09'03	
direct	-1326 Jan 23 j 05:07	0°♑21'40	
desc. node	-1326 Feb 04 j 13:34	6°♑52'07	
morning max el	-1326 Feb 05 j 21:53	8°♑09'52	27°36'28
	-1326 Feb 22 j 20:00	0°♒	
	-1326 Mar 11 j 23:00	0°♓	
morning set	-1326 Mar 12 j 13:21	1°♓11'03	
max. Earth dist.	-1326 Mar 17 j 18:20	11°♓50'52	1.33271 AU
superior conj	-1326 Mar 20 j 08:51	17°♓22'35	0°-37'-3
minimum elong	-1326 Mar 20 j 10:35	17°♓31'52	0°36'43

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

asc. node	-1326 Mar 23 j 23:01	25°♓05'41	
	-1326 Mar 26 j 06:00	0°♈	
evening rise	-1326 Mar 27 j 13:08	2°♈44'42	
	-1326 Apr 11 j 16:45	0°♉	
evening max el	-1326 Apr 19 j 00:30	8°♉42'41	22°57'10
retrograde	-1326 May 02 j 08:10	15°♉18'12	
desc. node	-1326 May 03 j 12:40	15°♉15'03	
evening set	-1326 May 05 j 17:25	14°♉53'08	
min. Earth dist.	-1326 May 13 j 09:57	11°♉28'47	0.55578 AU
inferior conj	-1326 May 14 j 22:52	10°♉35'25	-3°00'-55
minimum elong	-1326 May 14 j 16:04	10°♉45'16	2°59'03
morning rise	-1326 May 23 j 17:35	6°♉40'35	
direct	-1326 May 26 j 10:23	6°♉23'18	
morning max el	-1326 Jun 06 j 08:43	11°♉27'52	20°37'58
	-1326 Jun 19 j 10:01	0°♊	
asc. node	-1326 Jun 19 j 22:21	0°♊57'13	
morning set	-1326 Jun 25 j 07:32	11°♊33'48	
superior conj	-1326 Jul 02 j 22:54	27°♊18'48	1°41'32
minimum elong	-1326 Jul 02 j 21:05	27°♊09'30	1°41'27
	-1326 Jul 04 j 06:42	0°♋	
max. Earth dist.	-1326 Jul 07 j 15:41	6°♋42'02	1.36008 AU
evening rise	-1326 Jul 11 j 19:23	14°♋37'12	
	-1326 Jul 20 j 12:59	0°♌	
desc. node	-1326 Jul 30 j 12:01	15°♌32'12	
	-1326 Aug 10 j 08:35	0°♍	
evening max el	-1326 Aug 16 j 11:08	6°♍39'08	26°14'51
retrograde	-1326 Aug 29 j 02:35	13°♍48'53	
evening set	-1326 Sep 04 j 11:32	11°♍09'25	
min. Earth dist.	-1326 Sep 08 j 15:59	6°♍41'38	0.66362 AU
inferior conj	-1326 Sep 10 j 02:42	4°♍54'19	-1°-55'-21
minimum elong	-1326 Sep 10 j 05:32	4°♍45'33	1°54'15
	-1326 Sep 14 j 15:26	30°℞♌	
asc. node	-1326 Sep 15 j 21:32	29°♌06'33	
morning rise	-1326 Sep 16 j 00:25	29°♌02'18	
direct	-1326 Sep 19 j 01:42	28°♌09'02	
	-1326 Sep 23 j 16:41	0°♍	
morning max el	-1326 Sep 25 j 21:56	1°♍58'37	18°51'43
	-1326 Oct 15 j 06:44	0°♎	
morning set	-1326 Oct 17 j 09:31	3°♎20'56	
desc. node	-1326 Oct 26 j 11:26	17°♎40'31	
max. Earth dist.	-1326 Nov 01 j 21:23	27°♎46'02	1.44897 AU
superior conj	-1326 Nov 02 j 17:51	29°♎06'35	0°-45'-59
minimum elong	-1326 Nov 02 j 12:01	28°♎43'37	0°45'16
	-1326 Nov 03 j 07:24	0°♏	
evening rise	-1326 Nov 18 j 08:21	23°♏57'39	
	-1326 Nov 22 j 02:04	0°♐	
evening max el	-1326 Dec 09 j 07:14	25°♐13'36	18°47'49
asc. node	-1326 Dec 12 j 20:45	28°♐06'41	
retrograde	-1326 Dec 16 j 01:23	29°♐02'01	
evening set	-1326 Dec 19 j 03:37	28°♐07'22	
inferior conj	-1326 Dec 24 j 23:18	22°♐23'22	3°21'59
minimum elong	-1326 Dec 24 j 20:34	22°♐31'44	3°21'22
min. Earth dist.	-1326 Dec 26 j 16:42	20°♐17'02	0.65185 AU
morning rise	-1326 Dec 30 j 12:28	16°♐14'20	
direct	-1325 Jan 06 j 04:01	13°♐23'53	
morning max el	-1325 Jan 19 j 07:35	21°♐03'05	26°55'36
desc. node	-1325 Jan 22 j 10:39	24°♐22'49	
	-1325 Jan 27 j 02:48	0°♑	
	-1325 Feb 15 j 22:58	0°♒	
morning set	-1325 Feb 24 j 00:59	14°♒45'15	
max. Earth dist.	-1325 Feb 28 j 13:09	23°♒37'51	1.34328 AU
	-1325 Mar 03 j 15:49	0°♓	
superior conj	-1325 Mar 04 j 11:11	1°♓40'43	-1°-2'-43
minimum elong	-1325 Mar 04 j 14:02	1°♓55'35	1°02'14

asc. node	-1325 Mar 10 j 20:03	15°♓04'56	
evening rise	-1325 Mar 11 j 23:06	17°♓26'06	
	-1325 Mar 18 j 07:07	0°♈	
evening max el	-1325 Mar 31 j 21:34	19°♈31'14	21°25'56
retrograde	-1325 Apr 12 j 23:05	25°♈22'09	
evening set	-1325 Apr 15 j 10:03	25°♈08'22	
desc. node	-1325 Apr 20 j 09:45	23°♈26'39	
inferior conj	-1325 Apr 24 j 18:22	21°♈07'49	-1°-13'-49
minimum elong	-1325 Apr 24 j 14:55	21°♈12'41	1°12'36
min. Earth dist.	-1325 Apr 24 j 23:04	21°♈01'13	0.55047 AU
morning rise	-1325 May 03 j 20:05	17°♈07'24	
direct	-1325 May 06 j 21:32	16°♈46'58	
morning max el	-1325 May 19 j 10:38	22°♈44'20	22°07'21
	-1325 May 25 j 18:36	0°♉	
asc. node	-1325 Jun 06 j 19:23	20°♉28'33	
morning set	-1325 Jun 09 j 17:17	26°♉25'17	
	-1325 Jun 11 j 10:18	0°♊	
superior conj	-1325 Jun 17 j 00:32	11°♊50'21	1°29'25
minimum elong	-1325 Jun 16 j 22:04	11°♊37'22	1°29'10
max. Earth dist.	-1325 Jun 20 j 07:43	18°♊41'44	1.34550 AU
evening rise	-1325 Jun 25 j 01:50	28°♊11'09	
	-1325 Jun 26 j 00:25	0°♋	
	-1325 Jul 13 j 18:00	0°♌	
desc. node	-1325 Jul 17 j 09:02	5°♌10'19	
evening max el	-1325 Jul 29 j 22:46	20°♌07'36	27°02'33
retrograde	-1325 Aug 12 j 04:25	27°♌26'51	
evening set	-1325 Aug 19 j 01:21	24°♌40'58	
min. Earth dist.	-1325 Aug 22 j 22:21	20°♌51'13	0.65268 AU
inferior conj	-1325 Aug 24 j 21:56	18°♌35'10	-2°-47'-53
minimum elong	-1325 Aug 25 j 01:53	18°♌23'53	2°46'34
morning rise	-1325 Aug 31 j 03:50	12°♌57'03	
direct	-1325 Sep 02 j 21:57	12°♌15'49	
asc. node	-1325 Sep 02 j 18:37	12°♌15'55	
morning max el	-1325 Sep 09 j 11:16	15°♌49'21	18°15'33
	-1325 Sep 19 j 16:46	0°♍	
morning set	-1325 Sep 28 j 04:03	13°♍52'29	
	-1325 Oct 08 j 01:43	0°♎	
superior conj	-1325 Oct 12 j 19:29	7°♎33'46	0°03'32
minimum elong	-1325 Oct 12 j 19:56	7°♎35'34	0°03'28
behind sun begin	-1325 Oct 12 j 09:06	6°♎52'34	
behind sun end	-1325 Oct 13 j 06:46	8°♎18'30	
desc. node	-1325 Oct 13 j 08:27	8°♎25'09	
max. Earth dist.	-1325 Oct 15 j 16:00	12°♎04'38	1.44848 AU
	-1325 Oct 27 j 02:39	0°♏	
evening rise	-1325 Oct 29 j 09:07	3°♏32'19	
greatest brilliancy	-1325 Nov 14 j 03:50	27°♏43'51	-0.7m
	-1325 Nov 15 j 17:44	0°♐	
evening max el	-1325 Nov 22 j 15:00	8°♐40'02	19°33'36
retrograde	-1325 Nov 29 j 22:03	12°♐53'58	
asc. node	-1325 Nov 29 j 17:49	12°♐53'48	
evening set	-1325 Dec 03 j 07:24	11°♐46'43	
inferior conj	-1325 Dec 08 j 21:56	5°♐47'59	2°47'26
minimum elong	-1325 Dec 08 j 19:02	5°♐57'27	2°46'34
min. Earth dist.	-1325 Dec 10 j 01:22	4°♐18'37	0.66308 AU
	-1325 Dec 13 j 18:50	30°℞♏	
morning rise	-1325 Dec 14 j 05:57	29°♏34'19	
direct	-1325 Dec 20 j 08:56	26°♏52'55	
	-1325 Dec 27 j 23:09	0°♐	
morning max el	-1324 Jan 01 j 16:57	4°♐11'00	25°49'27
desc. node	-1324 Jan 09 j 07:42	12°♐55'00	
	-1324 Jan 21 j 12:07	0°♑	
morning set	-1324 Feb 06 j 22:10	27°♑31'41	
	-1324 Feb 08 j 06:14	0°♒	
max. Earth dist.	-1324 Feb 10 j 20:03	4°♒52'13	1.35827 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1324 Feb 16 j 05:53	15°♒31'02	-1°-26'-15
minimum elong	-1324 Feb 16 j 09:26	15°♒48'56	1°25'48
	-1324 Feb 23 j 07:48	0°♓	
evening rise	-1324 Feb 24 j 05:26	1°♓50'28	
asc. node	-1324 Feb 25 j 17:07	4°♓51'11	
	-1324 Mar 12 j 07:51	0°♈	
evening max el	-1324 Mar 13 j 05:01	0°♈52'46	20°08'21
retrograde	-1324 Mar 23 j 14:20	5°♈50'51	
evening set	-1324 Mar 25 j 18:21	5°♈38'49	
inferior conj	-1324 Apr 03 j 15:56	1°♈39'42	0°44'08
minimum elong	-1324 Apr 03 j 17:52	1°♈36'48	0°43'27
min. Earth dist.	-1324 Apr 05 j 13:17	0°♈31'49	0.55466 AU
desc. node	-1324 Apr 06 j 06:48	0°♈06'12	
	-1324 Apr 06 j 11:07	30°℞♓	
morning rise	-1324 Apr 12 j 14:43	27°♓15'02	
direct	-1324 Apr 16 j 11:35	26°♓42'14	
	-1324 Apr 25 j 22:27	0°♈	
morning max el	-1324 Apr 30 j 04:26	3°♈28'17	23°46'50
	-1324 May 18 j 12:47	0°♉	
asc. node	-1324 May 23 j 16:26	10°♉18'30	
morning set	-1324 May 24 j 05:02	11°♉24'28	
superior conj	-1324 May 31 j 07:39	26°♉39'20	1°12'38
minimum elong	-1324 May 31 j 05:09	26°♉25'50	1°12'16
	-1324 Jun 01 j 21:07	0°♊	
max. Earth dist.	-1324 Jun 02 j 09:13	1°♊04'26	1.33478 AU
evening rise	-1324 Jun 07 j 19:57	12°♊21'13	
	-1324 Jun 17 j 05:53	0°♋	
desc. node	-1324 Jul 03 j 06:05	24°♋10'42	
	-1324 Jul 08 j 04:03	0°♌	
evening max el	-1324 Jul 11 j 09:36	3°♌18'54	27°24'32
retrograde	-1324 Jul 25 j 00:40	10°♌40'17	
evening set	-1324 Aug 01 j 04:29	7°♌59'13	
min. Earth dist.	-1324 Aug 04 j 19:51	4°♌44'07	0.63803 AU
inferior conj	-1324 Aug 07 j 08:52	2°♌05'58	-3°-35'-17
minimum elong	-1324 Aug 07 j 13:19	1°♌54'25	3°34'09
	-1324 Aug 09 j 11:02	30°℞♋	
morning rise	-1324 Aug 14 j 00:10	26°♋44'49	
direct	-1324 Aug 16 j 13:35	26°♋12'19	
asc. node	-1324 Aug 19 j 15:40	26°♋59'57	
morning max el	-1324 Aug 23 j 02:42	29°♋38'14	17°56'43
	-1324 Aug 23 j 11:16	0°♌	
morning set	-1324 Sep 09 j 00:58	25°♌40'09	
	-1324 Sep 11 j 13:16	0°♍	
superior conj	-1324 Sep 21 j 15:25	16°♍57'56	0°48'21
minimum elong	-1324 Sep 21 j 20:10	17°♍17'27	0°47'46
max. Earth dist.	-1324 Sep 27 j 08:45	26°♍13'44	1.44089 AU
desc. node	-1324 Sep 29 j 05:28	29°♍11'40	
	-1324 Sep 29 j 17:40	0°♎	
evening rise	-1324 Oct 07 j 17:22	12°♎28'11	
	-1324 Oct 19 j 06:37	0°♏	
greatest brilliancy	-1324 Oct 29 j 16:04	14°♏50'26	-0.5m
evening max el	-1324 Nov 04 j 17:39	22°♏07'27	20°34'01
retrograde	-1324 Nov 12 j 19:36	26°♏53'45	
asc. node	-1324 Nov 15 j 14:53	26°♏08'43	
evening set	-1324 Nov 16 j 14:10	25°♏31'42	
inferior conj	-1324 Nov 22 j 01:22	19°♏21'38	2°05'08
minimum elong	-1324 Nov 21 j 22:52	19°♏30'08	2°04'13
min. Earth dist.	-1324 Nov 22 j 16:24	18°♏30'35	0.67068 AU
morning rise	-1324 Nov 27 j 07:04	13°♏05'43	
direct	-1324 Dec 02 j 19:15	10°♏41'41	
morning max el	-1324 Dec 14 j 01:22	17°♏24'33	24°27'36
	-1324 Dec 24 j 14:03	0°♐	
desc. node	-1324 Dec 26 j 04:45	2°♐10'52	
	-1323 Jan 13 j 13:02	0°♑	
morning set	-1323 Jan 18 j 23:09	9°♑13'39	
max. Earth dist.	-1323 Jan 22 j 17:12	15°♑54'20	1.37723 AU
superior conj	-1323 Jan 29 j 13:36	28°♑43'59	-1°-45'-31
minimum elong	-1323 Jan 29 j 17:00	29°♑00'21	1°45'15
	-1323 Jan 30 j 05:19	0°♒	
evening rise	-1323 Feb 07 j 05:45	15°♒50'33	
asc. node	-1323 Feb 11 j 14:11	24°♒18'24	
	-1323 Feb 14 j 17:09	0°♓	
evening max el	-1323 Feb 23 j 23:22	12°♓51'34	19°09'03
retrograde	-1323 Mar 04 j 17:42	17°♓03'46	
evening set	-1323 Mar 07 j 00:00	16°♓48'11	
inferior conj	-1323 Mar 15 j 04:08	12°♓36'23	2°21'14
minimum elong	-1323 Mar 15 j 08:40	12°♓28'36	2°19'57
min. Earth dist.	-1323 Mar 18 j 04:44	10°♓33'01	0.56746 AU
morning rise	-1323 Mar 23 j 13:17	7°♓39'53	
desc. node	-1323 Mar 24 j 03:52	7°♓26'41	
direct	-1323 Mar 28 j 13:50	6°♓40'56	
morning max el	-1323 Apr 11 j 19:09	13°♓59'54	25°23'57
	-1323 Apr 24 j 09:47	0°♈	
morning set	-1323 May 08 j 17:01	26°♈24'23	
	-1323 May 10 j 09:39	0°♉	
asc. node	-1323 May 10 j 13:28	0°♉20'31	
superior conj	-1323 May 15 j 17:57	11°♉36'57	0°52'15
minimum elong	-1323 May 15 j 15:53	11°♉25'40	0°51'52
max. Earth dist.	-1323 May 16 j 17:58	13°♉47'47	1.32786 AU
evening rise	-1323 May 22 j 22:05	26°♉55'00	
	-1323 May 24 j 10:26	0°♊	
	-1323 Jun 10 j 15:39	0°♋	
desc. node	-1323 Jun 20 j 03:06	12°♋16'24	
evening max el	-1323 Jun 23 j 17:22	15°♋59'34	27°15'30
retrograde	-1323 Jul 07 j 14:18	23°♋18'46	
evening set	-1323 Jul 14 j 16:58	20°♋56'19	
min. Earth dist.	-1323 Jul 18 j 07:17	18°♋06'58	0.62004 AU
inferior conj	-1323 Jul 21 j 08:24	15°♋18'42	-4°-13'-15
minimum elong	-1323 Jul 21 j 12:13	15°♋09'54	4°12'38
morning rise	-1323 Jul 28 j 10:05	10°♋17'30	
direct	-1323 Jul 30 j 21:18	9°♋51'00	
morning max el	-1323 Aug 06 j 17:20	13°♋17'40	17°56'12
asc. node	-1323 Aug 06 j 12:42	13°♋06'28	
	-1323 Aug 18 j 01:35	0°♌	
morning set	-1323 Aug 22 j 18:23	8°♌26'42	
superior conj	-1323 Sep 02 j 14:33	27°♌42'34	1°20'59
minimum elong	-1323 Sep 02 j 19:29	28°♌03'50	1°20'29
	-1323 Sep 03 j 22:36	0°♍	
max. Earth dist.	-1323 Sep 09 j 21:22	9°♍57'04	1.42715 AU
desc. node	-1323 Sep 16 j 02:30	19°♍56'42	
evening rise	-1323 Sep 17 j 01:53	21°♍28'44	
	-1323 Sep 22 j 14:04	0°♎	
greatest brilliancy	-1323 Oct 13 j 18:02	0°♏03'35	-0.4m
	-1323 Oct 13 j 16:52	0°♏	
evening max el	-1323 Oct 18 j 14:28	5°♏35'38	21°45'57
retrograde	-1323 Oct 27 j 16:03	10°♏58'55	
evening set	-1323 Oct 31 j 22:02	9°♏19'48	
asc. node	-1323 Nov 02 j 11:54	7°♏52'11	
inferior conj	-1323 Nov 06 j 07:29	3°♏01'54	1°17'14
minimum elong	-1323 Nov 06 j 05:47	3°♏07'47	1°16'32
min. Earth dist.	-1323 Nov 06 j 11:24	2°♏48'23	0.67486 AU
	-1323 Nov 08 j 13:34	30°℞♎	
morning rise	-1323 Nov 11 j 13:16	26°♎46'19	
direct	-1323 Nov 16 j 10:08	24°♎43'55	
	-1323 Nov 25 j 17:58	0°♏	
morning max el	-1323 Nov 26 j 10:56	0°♏42'02	23°00'14
greatest brilliancy	-1323 Dec 01 j 06:57	6°♏07'03	-0.3m
desc. node	-1323 Dec 13 j 01:49	21°♏58'05	
	-1323 Dec 18 j 12:23	0°♐	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning set	-1323 Dec 30 j 21:45	19°♐35'48	
max. Earth dist.	-1322 Jan 04 j 12:32	27°♐23'54	1.39831 AU
	-1322 Jan 06 j 00:34	0°♑	
superior conj	-1322 Jan 12 j 06:03	11°♑08'48	-1°-57'-33
minimum elong	-1322 Jan 12 j 07:49	11°♑16'54	1°57'33
evening rise	-1322 Jan 21 j 21:18	29°♑19'52	
	-1322 Jan 22 j 05:42	0°♒	
asc. node	-1322 Jan 29 j 11:13	13°♒20'13	
evening max el	-1322 Feb 07 j 02:33	25°♒22'50	18°29'34
retrograde	-1322 Feb 14 j 15:44	29°♒04'53	
evening set	-1322 Feb 17 j 02:20	28°♒42'54	
inferior conj	-1322 Feb 24 j 12:52	24°♒10'54	3°22'44
minimum elong	-1322 Feb 24 j 16:29	24°♒03'40	3°22'06
min. Earth dist.	-1322 Feb 27 j 22:58	21°♒28'22	0.58601 AU
morning rise	-1322 Mar 04 j 02:54	18°♒46'38	
direct	-1322 Mar 10 j 05:11	17°♒11'13	
desc. node	-1322 Mar 11 j 00:55	17°♒12'57	
morning max el	-1322 Mar 24 j 12:41	24°♒47'43	26°43'29
	-1322 Mar 29 j 07:34	0°♓	
	-1322 Apr 17 j 12:08	0°♈	
morning set	-1322 Apr 23 j 03:36	11°♈19'15	
asc. node	-1322 Apr 27 j 10:32	20°♈29'47	
superior conj	-1322 Apr 30 j 05:36	26°♈36'50	0°29'09
minimum elong	-1322 Apr 30 j 04:21	26°♈29'56	0°28'53
max. Earth dist.	-1322 Apr 30 j 06:35	26°♈42'16	1.32451 AU
	-1322 May 01 j 18:40	0°♉	
evening rise	-1322 May 07 j 05:32	11°♉43'21	
	-1322 May 16 j 15:28	0°♊	
evening max el	-1322 Jun 05 j 19:32	27°♊58'49	26°33'27
desc. node	-1322 Jun 07 j 00:06	29°♊04'44	
	-1322 Jun 08 j 01:45	0°♋	
retrograde	-1322 Jun 19 j 19:52	5°♋14'32	
evening set	-1322 Jun 26 j 10:22	3°♋23'43	
min. Earth dist.	-1322 Jun 30 j 08:47	0°♋45'30	0.59985 AU
	-1322 Jul 01 j 08:01	30°℞♊	
inferior conj	-1322 Jul 03 j 17:01	28°♊04'35	-4°-34'-48
minimum elong	-1322 Jul 03 j 18:27	28°♊01'41	4°34'43
morning rise	-1322 Jul 11 j 05:50	23°♊25'47	
direct	-1322 Jul 13 j 17:01	23°♊03'21	
morning max el	-1322 Jul 21 j 04:17	26°♊40'25	18°15'03
asc. node	-1322 Jul 24 j 09:45	0°♋20'33	
	-1322 Jul 24 j 03:24	0°♋	
morning set	-1322 Aug 06 j 02:50	21°♋57'09	
	-1322 Aug 10 j 09:04	0°♌	
superior conj	-1322 Aug 15 j 15:08	9°♌42'53	1°40'08
minimum elong	-1322 Aug 15 j 18:04	9°♌56'12	1°39'57
max. Earth dist.	-1322 Aug 23 j 04:44	23°♌01'50	1.40911 AU
	-1322 Aug 27 j 08:39	0°♍	
evening rise	-1322 Aug 28 j 03:49	1°♍18'34	
desc. node	-1322 Sep 02 j 23:29	10°♍36'21	
	-1322 Sep 16 j 00:41	0°♎	
greatest brilliancy	-1322 Sep 25 j 19:31	12°♎58'21	-0.2m
evening max el	-1322 Oct 01 j 05:58	19°♎04'37	23°04'52
retrograde	-1322 Oct 11 j 09:57	25°♎06'01	
evening set	-1322 Oct 16 j 05:17	23°♎08'18	
asc. node	-1322 Oct 20 j 08:57	18°♎26'51	
inferior conj	-1322 Oct 21 j 14:25	16°♎46'08	0°25'22
minimum elong	-1322 Oct 21 j 13:49	16°♎48'11	0°25'07
min. Earth dist.	-1322 Oct 21 j 07:53	17°♎08'39	0.67582 AU
morning rise	-1322 Oct 26 j 22:23	10°♎33'29	
direct	-1322 Oct 31 j 04:36	8°♎53'35	
morning max el	-1322 Nov 09 j 01:11	14°♎06'18	21°36'00
greatest brilliancy	-1322 Nov 14 j 01:33	19°♎50'08	-0.4m
	-1322 Nov 21 j 15:23	0°♏	
desc. node	-1322 Nov 29 j 22:50	12°♏07'07	
morning set	-1322 Dec 10 j 15:20	28°♏35'06	
	-1322 Dec 11 j 12:42	0°♐	
max. Earth dist.	-1322 Dec 17 j 13:22	9°♐46'50	1.41857 AU
superior conj	-1322 Dec 25 j 01:45	22°♐31'20	-1°-58'-30
minimum elong	-1322 Dec 25 j 00:00	22°♐23'42	1°58'30
	-1322 Dec 29 j 07:33	0°♑	
evening rise	-1321 Jan 05 j 00:36	12°♑10'14	
	-1321 Jan 15 j 04:10	0°♒	
asc. node	-1321 Jan 16 j 08:15	1°♒48'05	
evening max el	-1321 Jan 21 j 11:36	8°♒17'56	18°10'04
retrograde	-1321 Jan 28 j 07:23	11°♒45'50	
evening set	-1321 Jan 30 j 21:48	11°♒16'10	
inferior conj	-1321 Feb 06 j 17:34	6°♒22'13	3°50'45
minimum elong	-1321 Feb 06 j 18:48	6°♒19'22	3°50'40
min. Earth dist.	-1321 Feb 09 j 23:05	3°♒23'59	0.60671 AU
morning rise	-1321 Feb 13 j 12:57	0°♒38'08	
	-1321 Feb 14 j 14:36	30°℞♑	
direct	-1321 Feb 20 j 07:43	28°♑26'06	
desc. node	-1321 Feb 25 j 21:58	29°♑47'55	
	-1321 Feb 26 j 07:57	0°♒	
morning max el	-1321 Mar 06 j 12:27	6°♒12'04	27°32'44
	-1321 Mar 24 j 09:31	0°♓	
morning set	-1321 Apr 07 j 10:58	26°♓02'29	
	-1321 Apr 09 j 08:29	0°♈	
max. Earth dist.	-1321 Apr 13 j 19:14	9°♈34'20	1.32466 AU
asc. node	-1321 Apr 14 j 07:35	10°♈41'41	
superior conj	-1321 Apr 14 j 16:57	11°♈32'58	0°04'09
minimum elong	-1321 Apr 14 j 16:46	11°♈31'55	0°04'07
behind sun begin	-1321 Apr 14 j 11:52	11°♈05'10	
behind sun end	-1321 Apr 14 j 21:39	11°♈58'41	
evening rise	-1321 Apr 21 j 16:05	26°♈38'17	
	-1321 Apr 23 j 06:43	0°♉	
	-1321 May 10 j 16:05	0°♊	
evening max el	-1321 May 18 j 14:51	9°♊13'34	25°22'11
desc. node	-1321 May 24 j 21:07	14°♊04'43	
retrograde	-1321 Jun 01 j 15:52	16°♊23'53	
evening set	-1321 Jun 07 j 05:20	15°♊11'36	
min. Earth dist.	-1321 Jun 12 j 02:45	12°♊26'41	0.57960 AU
inferior conj	-1321 Jun 15 j 07:12	10°♊13'59	-4°-29'-45
minimum elong	-1321 Jun 15 j 04:35	10°♊18'33	4°29'32
morning rise	-1321 Jun 23 j 07:45	5°♊57'41	
direct	-1321 Jun 25 j 20:10	5°♊38'18	
morning max el	-1321 Jul 04 j 08:39	9°♊38'06	18°54'22
asc. node	-1321 Jul 11 j 06:49	18°♊27'45	
	-1321 Jul 17 j 19:39	0°♋	
morning set	-1321 Jul 20 j 22:05	6°♋00'43	
superior conj	-1321 Jul 29 j 11:44	22°♋44'19	1°47'37
minimum elong	-1321 Jul 29 j 12:22	22°♋47'20	1°47'37
	-1321 Aug 02 j 08:36	0°♌	
max. Earth dist.	-1321 Aug 05 j 07:54	5°♌23'45	1.38917 AU
evening rise	-1321 Aug 09 j 06:53	12°♌20'15	
	-1321 Aug 20 j 03:04	0°♍	
desc. node	-1321 Aug 20 j 20:28	1°♍06'58	
	-1321 Sep 11 j 06:16	0°♎	
evening max el	-1321 Sep 13 j 18:05	2°♎36'23	24°24'44
retrograde	-1321 Sep 25 j 00:20	9°♎12'10	
evening set	-1321 Sep 30 j 10:15	6°♎55'52	
min. Earth dist.	-1321 Oct 05 j 03:33	1°♎30'05	0.67366 AU
inferior conj	-1321 Oct 05 j 20:30	0°♎33'12	0°-28'-51
minimum elong	-1321 Oct 05 j 21:12	0°♎30'51	0°28'34
	-1321 Oct 06 j 06:25	30°℞♍	
asc. node	-1321 Oct 07 j 05:59	28°♍42'30	
morning rise	-1321 Oct 11 j 08:29	24°♍26'09	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

direct	-1321 Oct 15 j 01:41	23°♍07'00	
morning max el	-1321 Oct 22 j 22:38	27°♍40'35	20°21'14
	-1321 Oct 25 j 01:52	0°♎	
greatest brilliancy	-1321 Oct 29 j 12:49	5°♎36'31	-0.6m
	-1321 Nov 15 j 04:14	0°♏	
desc. node	-1321 Nov 16 j 19:51	2°♏31'49	
morning set	-1321 Nov 19 j 13:45	6°♏45'53	
max. Earth dist.	-1321 Nov 29 j 21:31	23°♏01'48	1.43513 AU
	-1321 Dec 04 j 04:39	0°♐	
superior conj	-1321 Dec 05 j 19:38	2°♐40'19	-1°-44'-1
minimum elong	-1321 Dec 05 j 13:25	2°♐14'41	1°43'35
evening rise	-1321 Dec 18 j 11:33	24°♐13'34	
	-1321 Dec 21 j 19:03	0°♑	
asc. node	-1320 Jan 03 j 05:17	19°♑31'59	
evening max el	-1320 Jan 04 j 23:40	21°♑29'20	18°10'09
retrograde	-1320 Jan 11 j 12:19	24°♑56'38	
evening set	-1320 Jan 14 j 06:30	24°♑18'23	
inferior conj	-1320 Jan 20 j 14:46	19°♑03'29	3°53'07
minimum elong	-1320 Jan 20 j 13:50	19°♑05'58	3°53'03
min. Earth dist.	-1320 Jan 23 j 08:00	16°♑12'48	0.62658 AU
morning rise	-1320 Jan 26 j 19:09	13°♑06'27	
direct	-1320 Feb 02 j 19:32	10°♑27'35	
desc. node	-1320 Feb 12 j 19:02	14°♑45'48	
morning max el	-1320 Feb 16 j 18:03	18°♑17'40	27°45'28
	-1320 Feb 26 j 15:12	0°♒	
	-1320 Mar 16 j 04:15	0°♓	
morning set	-1320 Mar 21 j 12:58	10°♓26'39	
max. Earth dist.	-1320 Mar 27 j 03:52	22°♓09'33	1.32856 AU
superior conj	-1320 Mar 29 j 02:20	26°♓19'32	0°-21'-57
minimum elong	-1320 Mar 29 j 03:22	26°♓25'05	0°21'44
	-1320 Mar 30 j 19:01	0°♈	
asc. node	-1320 Mar 31 j 04:37	0°♈52'04	
evening rise	-1320 Apr 05 j 03:50	11°♈32'59	
	-1320 Apr 14 j 15:21	0°♉	
evening max el	-1320 Apr 29 j 05:53	19°♉56'28	23°51'59
desc. node	-1320 May 10 j 18:09	26°♉39'08	
retrograde	-1320 May 13 j 00:12	26°♉50'43	
evening set	-1320 May 17 j 03:49	26°♉12'33	
min. Earth dist.	-1320 May 23 j 16:57	23°♉05'42	0.56257 AU
inferior conj	-1320 May 26 j 01:08	21°♉39'51	-3°-46'-11
minimum elong	-1320 May 25 j 18:49	21°♉49'34	3°44'51
morning rise	-1320 Jun 03 j 13:36	17°♉40'34	
direct	-1320 Jun 06 j 03:54	17°♉23'16	
morning max el	-1320 Jun 16 j 03:42	22°♉00'41	19°54'29
	-1320 Jun 22 j 17:39	0°♊	
asc. node	-1320 Jun 27 j 03:52	7°♊15'00	
morning set	-1320 Jul 04 j 00:52	20°♊27'56	
	-1320 Jul 08 j 17:24	0°♋	
superior conj	-1320 Jul 11 j 22:50	6°♋30'07	1°45'53
minimum elong	-1320 Jul 11 j 21:42	6°♋24'27	1°45'52
max. Earth dist.	-1320 Jul 17 j 11:29	17°♋15'14	1.36992 AU
evening rise	-1320 Jul 21 j 09:43	24°♋31'10	
	-1320 Jul 24 j 11:46	0°♌	
desc. node	-1320 Aug 06 j 17:29	21°♌22'50	
	-1320 Aug 12 j 17:55	0°♍	
evening max el	-1320 Aug 26 j 05:13	16°♍10'58	25°38'24
retrograde	-1320 Sep 07 j 10:22	23°♍12'05	
evening set	-1320 Sep 13 j 11:05	20°♍39'43	
min. Earth dist.	-1320 Sep 17 j 20:01	15°♍50'05	0.66824 AU
inferior conj	-1320 Sep 18 j 23:57	14°♍20'29	-1°-23'-55
minimum elong	-1320 Sep 19 j 02:02	14°♍13'50	1°23'05
asc. node	-1320 Sep 23 j 03:03	9°♍36'28	
morning rise	-1320 Sep 24 j 17:40	8°♍21'58	
direct	-1320 Sep 28 j 00:01	7°♍20'22	
morning max el	-1320 Oct 05 j 03:29	11°♍23'39	19°19'53
greatest brilliancy	-1320 Oct 15 j 02:53	24°♍26'46	-0.7m
	-1320 Oct 18 j 19:25	0°♎	
morning set	-1320 Oct 28 j 16:10	15°♎16'05	
desc. node	-1320 Nov 02 j 16:53	23°♎07'05	
	-1320 Nov 07 j 02:21	0°♏	
max. Earth dist.	-1320 Nov 11 j 11:43	6°♏54'46	1.44590 AU
superior conj	-1320 Nov 14 j 11:15	11°♏38'18	-1°-11'-36
minimum elong	-1320 Nov 14 j 03:30	11°♏07'29	1°10'46
	-1320 Nov 25 j 19:50	0°♐	
evening rise	-1320 Nov 29 j 01:40	5°♐21'18	
	-1320 Dec 14 j 12:13	0°♑	
evening max el	-1320 Dec 18 j 12:02	4°♑50'45	18°29'01
asc. node	-1320 Dec 20 j 02:19	6°♑19'15	
retrograde	-1320 Dec 25 j 02:03	8°♑28'35	
evening set	-1320 Dec 28 j 00:55	7°♑40'28	
inferior conj	-1319 Jan 03 j 00:32	2°♑06'38	3°37'15
minimum elong	-1319 Jan 02 j 22:12	2°♑13'24	3°36'51
	-1319 Jan 04 j 20:01	30°℞♐	
min. Earth dist.	-1319 Jan 05 j 02:44	29°♐40'47	0.64366 AU
morning rise	-1319 Jan 08 j 18:08	26°♐01'10	
direct	-1319 Jan 15 j 14:59	23°♐10'24	
	-1319 Jan 28 j 03:37	0°♑	
morning max el	-1319 Jan 29 j 02:57	0°♑56'54	27°22'38
desc. node	-1319 Jan 29 j 16:07	1°♑30'04	
	-1319 Feb 19 j 16:34	0°♒	
morning set	-1319 Mar 05 j 06:53	24°♒22'50	
	-1319 Mar 08 j 02:33	0°♓	
max. Earth dist.	-1319 Mar 10 j 04:34	4°♓16'00	1.33659 AU
superior conj	-1319 Mar 13 j 07:55	10°♓50'41	0°-48'-6
minimum elong	-1319 Mar 13 j 10:09	11°♓02'32	0°47'41
asc. node	-1319 Mar 18 j 01:40	20°♓57'00	
evening rise	-1319 Mar 20 j 15:01	26°♓21'25	
	-1319 Mar 22 j 09:10	0°♈	
	-1319 Apr 10 j 08:27	0°♉	
evening max el	-1319 Apr 10 j 23:02	0°♉35'50	22°17'18
retrograde	-1319 Apr 23 j 20:04	6°♉54'18	
evening set	-1319 Apr 26 j 17:37	6°♉35'49	
desc. node	-1319 Apr 27 j 15:12	6°♉22'54	
min. Earth dist.	-1319 May 05 j 06:20	2°♉55'14	0.55233 AU
inferior conj	-1319 May 06 j 02:11	2°♉27'10	-2°-19'-3
minimum elong	-1319 May 05 j 20:13	2°♉35'37	2°17'09
	-1319 May 10 j 17:39	30°℞♈	
morning rise	-1319 May 15 j 00:40	28°♈31'56	
direct	-1319 May 17 j 19:59	28°♈14'04	
	-1319 May 24 j 11:06	0°♉	
morning max el	-1319 May 29 j 11:47	3°♉41'29	21°14'10
asc. node	-1319 Jun 14 j 00:57	26°♉32'41	
	-1319 Jun 15 j 19:12	0°♊	
morning set	-1319 Jun 18 j 08:40	5°♊12'08	
superior conj	-1319 Jun 25 j 20:08	20°♊47'42	1°37'03
minimum elong	-1319 Jun 25 j 17:57	20°♊36'26	1°36'54
max. Earth dist.	-1319 Jun 29 j 21:58	29°♊05'13	1.35341 AU
	-1319 Jun 30 j 08:58	0°♋	
evening rise	-1319 Jul 04 j 07:35	7°♋38'58	
	-1319 Jul 17 j 03:23	0°♌	
desc. node	-1319 Jul 24 j 14:30	11°♌17'02	
evening max el	-1319 Aug 08 j 16:54	29°♌44'42	26°37'55
	-1319 Aug 08 j 23:17	0°♍	
retrograde	-1319 Aug 21 j 15:21	6°♍59'48	
evening set	-1319 Aug 28 j 05:39	4°♍16'44	
	-1319 Sep 01 j 08:32	30°℞♌	
min. Earth dist.	-1319 Sep 01 j 06:52	0°♍04'56	0.65939 AU
inferior conj	-1319 Sep 02 j 22:51	28°♌04'58	-2°-18'-2

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1319 Sep 03 j 02:12	27°♌54'55	2°16'49
morning rise	-1319 Sep 08 j 23:51	22°♌18'11	
asc. node	-1319 Sep 10 j 00:08	21°♌50'50	
direct	-1319 Sep 11 j 21:45	21°♌30'27	
morning max el	-1319 Sep 18 j 14:18	25°♌12'28	18°34'11
	-1319 Sep 22 j 14:46	0°♍	
morning set	-1319 Oct 08 j 18:21	24°♍59'32	
	-1319 Oct 11 j 21:16	0°♎	
desc. node	-1319 Oct 20 j 13:54	13°♎49'09	
superior conj	-1319 Oct 24 j 11:48	19°♎59'15	0°-25'-12
minimum elong	-1319 Oct 24 j 08:28	19°♎46'08	0°24'47
max. Earth dist.	-1319 Oct 25 j 05:45	21°♎09'53	1.44970 AU
	-1319 Oct 30 j 20:36	0°♏	
evening rise	-1319 Nov 09 j 15:49	15°♏28'38	
	-1319 Nov 18 j 19:55	0°♐	
evening max el	-1319 Dec 01 j 22:11	18°♐16'43	19°05'25
asc. node	-1319 Dec 06 j 23:22	21°♐54'38	
retrograde	-1319 Dec 08 j 20:57	22°♐14'40	
evening set	-1319 Dec 12 j 02:01	21°♐14'56	
inferior conj	-1319 Dec 17 j 19:18	15°♐24'32	3°08'24
minimum elong	-1319 Dec 17 j 16:25	15°♐33'38	3°07'40
min. Earth dist.	-1319 Dec 19 j 06:38	13°♐33'25	0.65714 AU
morning rise	-1319 Dec 23 j 05:54	9°♐13'26	
direct	-1319 Dec 29 j 16:42	6°♐25'19	
morning max el	-1318 Jan 11 j 12:29	13°♐56'55	26°29'55
desc. node	-1318 Jan 16 j 13:10	19°♐29'22	
	-1318 Jan 24 j 14:51	0°♑	
	-1318 Feb 12 j 09:19	0°♒	
morning set	-1318 Feb 16 j 12:56	7°♒38'12	
max. Earth dist.	-1318 Feb 20 j 18:07	15°♒46'45	1.34913 AU
superior conj	-1318 Feb 25 j 07:21	24°♒58'05	-1°-13'-5
minimum elong	-1318 Feb 25 j 10:34	25°♒14'39	1°12'35
	-1318 Feb 27 j 17:40	0°♓	
evening rise	-1318 Mar 04 j 23:40	10°♓56'10	
asc. node	-1318 Mar 04 j 22:42	10°♓51'14	
	-1318 Mar 15 j 02:22	0°♈	
evening max el	-1318 Mar 24 j 00:20	11°♈37'03	20°50'55
retrograde	-1318 Apr 04 j 09:00	17°♈04'47	
evening set	-1318 Apr 06 j 15:32	16°♈52'33	
desc. node	-1318 Apr 14 j 12:17	13°♈40'53	
inferior conj	-1318 Apr 15 j 20:41	12°♈55'02	0°-23'00
minimum elong	-1318 Apr 15 j 19:36	12°♈56'35	0°22'37
min. Earth dist.	-1318 Apr 16 j 19:49	12°♈22'04	0.55115 AU
morning rise	-1318 Apr 24 j 22:34	8°♈46'12	
direct	-1318 Apr 28 j 07:15	8°♈21'43	
morning max el	-1318 May 11 j 09:32	14°♈41'02	22°49'01
	-1318 May 23 j 04:25	0°♉	
asc. node	-1318 May 31 j 22:01	16°♉12'23	
morning set	-1318 Jun 02 j 19:28	20°♉07'02	
	-1318 Jun 07 j 11:08	0°♊	
superior conj	-1318 Jun 10 j 00:21	5°♊26'49	1°22'48
minimum elong	-1318 Jun 09 j 21:48	5°♊13'15	1°22'28
max. Earth dist.	-1318 Jun 12 j 18:19	11°♊14'21	1.34050 AU
evening rise	-1318 Jun 17 j 19:28	21°♊29'19	
	-1318 Jun 22 j 06:22	0°♋	
	-1318 Jul 10 j 23:33	0°♌	
desc. node	-1318 Jul 11 j 11:32	0°♌40'18	
evening max el	-1318 Jul 22 j 04:40	13°♌07'50	27°15'33
retrograde	-1318 Aug 04 j 14:41	20°♌27'54	
evening set	-1318 Aug 11 j 15:19	17°♌42'52	
min. Earth dist.	-1318 Aug 15 j 09:44	14°♌08'22	0.64687 AU
inferior conj	-1318 Aug 17 j 14:54	11°♌42'12	-3°-8'-51
minimum elong	-1318 Aug 17 j 19:10	11°♌30'30	3°07'34
morning rise	-1318 Aug 24 j 00:37	6°♌10'40	
direct	-1318 Aug 26 j 16:32	5°♌33'23	
asc. node	-1318 Aug 27 j 21:12	5°♌40'55	
morning max el	-1318 Sep 02 j 04:47	9°♌02'32	18°05'23
	-1318 Sep 16 j 09:43	0°♍	
morning set	-1318 Sep 20 j 00:48	6°♍05'53	
superior conj	-1318 Oct 03 j 19:10	28°♍44'56	0°23'43
minimum elong	-1318 Oct 03 j 21:57	28°♍56'09	0°23'21
	-1318 Oct 04 j 13:54	0°♎	
desc. node	-1318 Oct 07 j 10:55	4°♎34'57	
max. Earth dist.	-1318 Oct 08 j 00:27	5°♎28'36	1.44611 AU
evening rise	-1318 Oct 20 j 08:10	24°♎43'41	
	-1318 Oct 23 j 18:11	0°♏	
greatest brilliancy	-1318 Nov 07 j 22:13	22°♏41'47	-0.6m
	-1318 Nov 13 j 13:50	0°♐	
evening max el	-1318 Nov 15 j 04:03	1°♐44'27	19°57'38
retrograde	-1318 Nov 22 j 18:13	6°♐10'56	
asc. node	-1318 Nov 23 j 20:25	6°♐04'06	
evening set	-1318 Nov 26 j 07:21	4°♐57'29	
	-1318 Dec 01 j 00:08	30°℞♏	
inferior conj	-1318 Dec 01 j 20:16	28°♏53'32	2°30'17
minimum elong	-1318 Dec 01 j 17:28	29°♏02'48	2°29'22
min. Earth dist.	-1318 Dec 02 j 18:10	27°♏40'43	0.66682 AU
morning rise	-1318 Dec 07 j 03:00	22°♏38'53	
direct	-1318 Dec 12 j 23:54	20°♏04'15	
morning max el	-1318 Dec 24 j 21:19	27°♏07'58	25°15'57
	-1318 Dec 27 j 14:00	0°♐	
desc. node	-1317 Jan 03 j 10:12	8°♐21'59	
	-1317 Jan 18 j 06:37	0°♑	
morning set	-1317 Jan 30 j 02:15	19°♑58'55	
max. Earth dist.	-1317 Feb 02 j 20:31	26°♑53'13	1.36606 AU
	-1317 Feb 04 j 12:05	0°♒	
superior conj	-1317 Feb 08 j 21:50	8°♒33'42	-1°-35'-5
minimum elong	-1317 Feb 09 j 01:27	8°♒51'38	1°34'42
evening rise	-1317 Feb 17 j 03:44	25°♒11'06	
asc. node	-1317 Feb 19 j 19:45	0°♓29'58	
	-1317 Feb 19 j 13:39	0°♓	
evening max el	-1317 Mar 06 j 12:27	23°♓13'48	19°40'35
retrograde	-1317 Mar 16 j 04:09	27°♓50'49	
evening set	-1317 Mar 18 j 08:41	27°♓37'37	
inferior conj	-1317 Mar 26 j 23:09	23°♓34'02	1°29'18
minimum elong	-1317 Mar 27 j 02:41	23°♓28'26	1°28'09
min. Earth dist.	-1317 Mar 29 j 10:03	22°♓01'32	0.55928 AU
desc. node	-1317 Apr 01 j 09:20	20°♓20'07	
morning rise	-1317 Apr 04 j 17:19	18°♓56'18	
direct	-1317 Apr 09 j 01:29	18°♓14'14	
morning max el	-1317 Apr 23 j 01:09	25°♓15'28	24°29'24
	-1317 Apr 27 j 11:00	0°♈	
	-1317 May 15 j 20:07	0°♉	
morning set	-1317 May 18 j 07:29	5°♉06'48	
asc. node	-1317 May 18 j 19:03	6°♉07'48	
superior conj	-1317 May 25 j 09:00	20°♉19'34	1°04'22
minimum elong	-1317 May 25 j 06:38	20°♉06'42	1°03'58
max. Earth dist.	-1317 May 26 j 23:25	23°♉46'56	1.33140 AU
	-1317 May 29 j 21:34	0°♊	
evening rise	-1317 Jun 01 j 17:19	5°♊49'54	
	-1317 Jun 14 j 20:54	0°♋	
desc. node	-1317 Jun 28 j 08:35	19°♋19'15	
evening max el	-1317 Jul 04 j 14:27	26°♋06'56	27°24'43
	-1317 Jul 09 j 06:06	0°♌	
retrograde	-1317 Jul 18 j 07:58	3°♌27'10	
evening set	-1317 Jul 25 j 12:41	0°♌52'07	
	-1317 Jul 26 j 16:06	30°℞♋	
min. Earth dist.	-1317 Jul 29 j 02:46	27°♋49'45	0.63072 AU
inferior conj	-1317 Jul 31 j 21:21	25°♋05'33	-3°-52'-57

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1317 Aug 01 j 01:42	24°♋54'47	3°51'59	
morning rise	-1317 Aug 07 j 16:57	19°♋52'41		
direct	-1317 Aug 10 j 05:16	19°♋22'55		
asc. node	-1317 Aug 14 j 18:15	21°♋01'16		
morning max el	-1317 Aug 16 j 20:13	22°♋47'43	17°54'18	
	-1317 Aug 22 j 11:22	0°♌		
morning set	-1317 Sep 02 j 07:06	18°♌20'05		
	-1317 Sep 08 j 23:20	0°♍		
superior conj	-1317 Sep 14 j 02:18	8°♍41'59	1°03'54	
minimum elong	-1317 Sep 14 j 07:33	9°♍03'58	1°03'16	
max. Earth dist.	-1317 Sep 20 j 16:08	19°♍30'00	1.43565 AU	
desc. node	-1317 Sep 24 j 07:56	25°♍20'50		
	-1317 Sep 27 j 06:52	0°♎		
evening rise	-1317 Sep 29 j 14:06	3°♎34'54		
	-1317 Oct 17 j 06:28	0°♏		
greatest brilliancy	-1317 Oct 23 j 17:49	8°♏49'37	-0.5m	
evening max el	-1317 Oct 29 j 04:09	15°♏11'36	21°03'22	
retrograde	-1317 Nov 06 j 15:35	20°♏13'21		
evening set	-1317 Nov 10 j 14:49	18°♏44'05		
asc. node	-1317 Nov 10 j 17:28	18°♏39'00		
inferior conj	-1317 Nov 16 j 01:03	12°♏30'00	1°45'23	
minimum elong	-1317 Nov 15 j 22:51	12°♏37'34	1°44'33	
min. Earth dist.	-1317 Nov 16 j 11:08	11°♏55'25	0.67285 AU	
morning rise	-1317 Nov 21 j 06:32	6°♏13'58		
direct	-1317 Nov 26 j 12:04	3°♏59'08		
morning max el	-1317 Dec 07 j 06:02	10°♏23'38	23°50'38	
desc. node	-1317 Dec 21 j 07:14	27°♏52'07		
	-1317 Dec 22 j 19:23	0°♐		
	-1316 Jan 11 j 00:37	0°♑		
morning set	-1316 Jan 11 j 16:45	1°♑08'41		
max. Earth dist.	-1316 Jan 15 j 16:17	8°♑04'12	1.38615 AU	
superior conj	-1316 Jan 22 j 23:38	21°♑27'26	-1°-51'-43	
minimum elong	-1316 Jan 23 j 02:33	21°♑41'14	1°51'34	
	-1316 Jan 27 j 10:25	0°♒		
evening rise	-1316 Feb 01 j 00:44	8°♒59'13		
asc. node	-1316 Feb 06 j 16:47	19°♒47'19		
	-1316 Feb 12 j 21:44	0°♓		
evening max el	-1316 Feb 17 j 10:48	5°♓26'59	18°49'42	
retrograde	-1316 Feb 25 j 15:32	9°♓24'48		
evening set	-1316 Feb 27 j 23:30	9°♓06'49		
inferior conj	-1316 Mar 06 j 19:53	4°♓46'46	2°51'48	
minimum elong	-1316 Mar 07 j 00:22	4°♓38'34	2°50'44	
min. Earth dist.	-1316 Mar 10 j 02:29	2°♓24'08	0.57484 AU	
	-1316 Mar 14 j 01:31	30°♓℞		
morning rise	-1316 Mar 14 j 21:09	29°♒37'09		
desc. node	-1316 Mar 18 j 06:23	28°♒34'43		
direct	-1316 Mar 20 j 09:08	28°♒23'44		
	-1316 Mar 26 j 18:27	0°♓		
morning max el	-1316 Apr 03 j 16:44	5°♓51'57	26°00'53	
	-1316 Apr 21 j 08:38	0°♈		
morning set	-1316 May 01 j 19:06	20°♈05'54		
asc. node	-1316 May 04 j 16:05	26°♈13'47		
	-1316 May 06 j 09:44	0°♉		
superior conj	-1316 May 08 j 20:07	5°♉19'22	0°42'44	
minimum elong	-1316 May 08 j 18:21	5°♉09'42	0°42'23	
max. Earth dist.	-1316 May 09 j 10:17	6°♉36'52	1.32596 AU	
evening rise	-1316 May 15 j 22:01	20°♉31'06		
	-1316 May 20 j 15:31	0°♊		
	-1316 Jun 08 j 06:08	0°♋		
desc. node	-1316 Jun 14 j 05:35	6°♋55'32		
evening max el	-1316 Jun 15 j 19:51	8°♋30'20	27°01'31	
retrograde	-1316 Jun 29 j 18:30	15°♋48'54		
evening set	-1316 Jul 06 j 17:38	13°♋38'06		
min. Earth dist.	-1316 Jul 10 j 09:42	10°♋55'52	0.61158 AU	

inferior conj	-1316 Jul 13 j 14:58	8°♋07'56	-4°-24'-58	
minimum elong	-1316 Jul 13 j 18:00	8°♋01'17	4°24'36	
morning rise	-1316 Jul 20 j 21:21	3°♋16'27		
direct	-1316 Jul 23 j 08:17	2°♋51'57		
morning max el	-1316 Jul 30 j 09:44	6°♋21'36	18°01'52	
asc. node	-1316 Jul 31 j 15:18	7°♋38'35		
	-1316 Aug 14 j 12:44	0°♌		
morning set	-1316 Aug 15 j 07:30	1°♌26'32		
superior conj	-1316 Aug 25 j 12:53	20°♌00'36	1°30'41	
minimum elong	-1316 Aug 25 j 17:06	20°♌19'11	1°30'19	
	-1316 Aug 31 j 08:00	0°♍		
max. Earth dist.	-1316 Sep 02 j 02:10	2°♍56'35	1.41980 AU	
evening rise	-1316 Sep 08 j 04:17	12°♍51'11		
desc. node	-1316 Sep 10 j 04:56	16°♍03'47		
	-1316 Sep 19 j 07:40	0°♎		
greatest brilliancy	-1316 Oct 06 j 04:45	23°♎19'07	-0.3m	
evening max el	-1316 Oct 10 j 22:23	28°♎38'56	22°18'58	
	-1316 Oct 12 j 07:47	0°♏		
retrograde	-1316 Oct 20 j 11:15	4°♏19'17		
evening set	-1316 Oct 24 j 22:37	2°♏32'24		
	-1316 Oct 27 j 10:42	30°℞♎		
asc. node	-1316 Oct 27 j 14:30	29°♎48'32		
inferior conj	-1316 Oct 30 j 07:45	26°♎11'58	0°55'38	
minimum elong	-1316 Oct 30 j 06:29	26°♎16'20	0°55'06	
min. Earth dist.	-1316 Oct 30 j 07:09	26°♎14'02	0.67559 AU	
morning rise	-1316 Nov 04 j 14:11	19°♎57'05		
direct	-1316 Nov 09 j 04:34	18°♎04'25		
morning max el	-1316 Nov 18 j 17:15	23°♎43'32	22°23'34	
greatest brilliancy	-1316 Nov 23 j 08:59	28°♎57'29	-0.3m	
	-1316 Nov 24 j 05:18	0°♏		
desc. node	-1316 Dec 07 j 04:16	17°♏49'07		
	-1316 Dec 15 j 05:52	0°♐		
morning set	-1316 Dec 22 j 02:54	10°♐54'39		
max. Earth dist.	-1316 Dec 27 j 12:53	19°♐52'51	1.40715 AU	
	-1315 Jan 02 j 09:24	0°♑		
superior conj	-1315 Jan 04 j 07:56	3°♑27'10	-1°-59'-35	
minimum elong	-1315 Jan 04 j 08:26	3°♑29'25	1°59'37	
evening rise	-1315 Jan 14 j 11:33	22°♑12'53		
	-1315 Jan 18 j 15:52	0°♒		
asc. node	-1315 Jan 23 j 13:48	8°♒35'52		
evening max el	-1315 Jan 30 j 16:53	18°♒09'41	18°18'52	
retrograde	-1315 Feb 06 j 21:25	21°♒43'54		
evening set	-1315 Feb 09 j 09:35	21°♒18'54		
inferior conj	-1315 Feb 16 j 13:29	16°♒37'56	3°38'16	
minimum elong	-1315 Feb 16 j 16:09	16°♒32'15	3°37'55	
min. Earth dist.	-1315 Feb 19 j 23:10	13°♒45'18	0.59472 AU	
morning rise	-1315 Feb 23 j 19:14	11°♒04'02		
direct	-1315 Mar 02 j 05:54	9°♒12'03		
desc. node	-1315 Mar 05 j 03:26	9°♒33'53		
morning max el	-1315 Mar 16 j 12:49	16°♒54'14	27°08'36	
	-1315 Mar 27 j 08:16	0°♓		
	-1315 Apr 13 j 18:33	0°♈		
morning set	-1315 Apr 16 j 04:33	4°♈56'50		
asc. node	-1315 Apr 21 j 13:08	16°♈24'48		
superior conj	-1315 Apr 23 j 07:52	20°♈18'45	0°18'44	
minimum elong	-1315 Apr 23 j 07:02	20°♈14'12	0°18'34	
max. Earth dist.	-1315 Apr 22 j 23:12	19°♈31'15	1.32410 AU	
	-1315 Apr 27 j 18:23	0°♉		
evening rise	-1315 Apr 30 j 07:02	5°♉23'14		
	-1315 May 13 j 09:19	0°♊		
evening max el	-1315 May 28 j 19:00	20°♊10'03	26°06'15	
desc. node	-1315 Jun 01 j 02:37	23°♊02'05		
retrograde	-1315 Jun 11 j 20:37	27°♊24'41		
evening set	-1315 Jun 18 j 01:43	25°♊50'07		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

min. Earth dist.	-1315 Jun 22 j 07:52	23°♊10'53	0.59104 AU	
inferior conj	-1315 Jun 25 j 16:06	20°♊39'19	-4°-36'-38	
minimum elong	-1315 Jun 25 j 15:58	20°♊39'34	4°36'38	
morning rise	-1315 Jul 03 j 09:52	16°♊10'16		
direct	-1315 Jul 05 j 21:17	15°♊49'22		
morning max el	-1315 Jul 13 j 18:16	19°♊34'51	18°29'12	
asc. node	-1315 Jul 18 j 12:21	25°♊16'46		
	-1315 Jul 21 j 13:33	0°♋		
morning set	-1315 Jul 29 j 20:59	15°♋11'49		
	-1315 Aug 06 j 14:51	0°♌		
superior conj	-1315 Aug 07 j 22:40	2°♌28'26	1°44'34	
minimum elong	-1315 Aug 08 j 00:36	2°♌37'22	1°44'31	
max. Earth dist.	-1315 Aug 15 j 06:48	15°♌39'57	1.40068 AU	
evening rise	-1315 Aug 19 j 16:37	23°♌10'26		
	-1315 Aug 23 j 20:38	0°♍		
desc. node	-1315 Aug 28 j 01:57	6°♍39'58		
	-1315 Sep 13 j 06:05	0°♎		
evening max el	-1315 Sep 23 j 12:12	12°♎08'51	23°39'17	
retrograde	-1315 Oct 04 j 03:48	18°♎25'56		
evening set	-1315 Oct 09 j 05:06	16°♎20'29		
min. Earth dist.	-1315 Oct 14 j 03:41	10°♎34'42	0.67520 AU	
asc. node	-1315 Oct 14 j 11:32	10°♎07'55		
inferior conj	-1315 Oct 14 j 14:33	9°♎57'38	0°02'36	
minimum elong	-1315 Oct 14 j 14:29	9°♎57'51	0°02'33	
transit middle	-1315 Oct 14 j 14:29	9°♎57'51	0°02'33	
transit begin	-1315 Oct 14 j 11:48	10°♎07'00		
transit end	-1315 Oct 14 j 17:10	9°♎48'42		
morning rise	-1315 Oct 19 j 23:57	3°♎46'45		
direct	-1315 Oct 24 j 00:26	2°♎15'49		
morning max el	-1315 Nov 01 j 10:16	7°♎11'10	21°02'44	
greatest brilliancy	-1315 Nov 06 j 23:55	13°♎40'35	-0.5m	
	-1315 Nov 18 j 15:34	0°♏		
desc. node	-1315 Nov 24 j 01:17	8°♏05'22		
morning set	-1315 Dec 01 j 10:09	19°♏26'18		
	-1315 Dec 08 j 01:35	0°♐		
max. Earth dist.	-1315 Dec 09 j 16:23	2°♐37'29	1.42614 AU	
superior conj	-1315 Dec 16 j 17:16	14°♐20'02	-1°-54'-30	
minimum elong	-1315 Dec 16 j 13:35	14°♐04'23	1°54'22	
	-1315 Dec 25 j 16:53	0°♑		
evening rise	-1315 Dec 28 j 08:27	4°♑44'18		
asc. node	-1314 Jan 10 j 10:51	26°♑46'51		
	-1314 Jan 13 j 00:01	0°♒		
evening max el	-1314 Jan 14 j 03:43	1°♒13'35	18°07'50	
retrograde	-1314 Jan 20 j 19:09	4°♒39'22		
evening set	-1314 Jan 23 j 11:14	4°♒06'05		
	-1314 Jan 29 j 02:18	30°♑℞		
inferior conj	-1314 Jan 30 j 01:45	29°♑03'17	3°54'24	
minimum elong	-1314 Jan 30 j 01:58	29°♑02'43	3°54'22	
min. Earth dist.	-1314 Feb 02 j 02:46	26°♑05'38	0.61543 AU	
morning rise	-1314 Feb 05 j 14:16	23°♑13'18		
direct	-1314 Feb 12 j 12:56	20°♑47'59		
desc. node	-1314 Feb 20 j 00:29	23°♑14'24		
morning max el	-1314 Feb 26 j 15:05	28°♑36'06	27°42'35	
	-1314 Feb 28 j 00:04	0°♒		
	-1314 Mar 21 j 02:55	0°♓		
morning set	-1314 Mar 31 j 09:56	19°♓33'03		
	-1314 Apr 05 j 09:05	0°♈		
max. Earth dist.	-1314 Apr 06 j 10:35	2°♈17'47	1.32590 AU	
superior conj	-1314 Apr 07 j 18:38	5°♈11'57	0°-6'-50	
minimum elong	-1314 Apr 07 j 18:57	5°♈13'40	0°06'47	
behind sun begin	-1314 Apr 07 j 14:19	4°♈48'26		
behind sun end	-1314 Apr 07 j 23:35	5°♈38'55		
asc. node	-1314 Apr 08 j 10:11	6°♈36'45		
evening rise	-1314 Apr 14 j 18:22	20°♈19'19		
	-1314 Apr 19 j 12:14	0°♉		
	-1314 May 09 j 08:10	0°♊		
evening max el	-1314 May 10 j 12:13	1°♊09'36	24°45'16	
desc. node	-1314 May 18 j 23:39	7°♊04'42		
retrograde	-1314 May 24 j 11:41	8°♊14'08		
evening set	-1314 May 29 j 11:08	7°♊17'59		
min. Earth dist.	-1314 Jun 03 j 23:57	4°♊25'08	0.57183 AU	
inferior conj	-1314 Jun 06 j 21:44	2°♊30'49	-4°-16'-34	
minimum elong	-1314 Jun 06 j 17:17	2°♊38'10	4°15'58	
	-1314 Jun 11 j 00:26	30°℞♉		
morning rise	-1314 Jun 15 j 03:20	28°♉22'22		
direct	-1314 Jun 17 j 16:30	28°♉03'56		
	-1314 Jun 23 j 20:24	0°♊		
morning max el	-1314 Jun 26 j 18:53	2°♊18'11	19°17'18	
asc. node	-1314 Jul 05 j 09:26	13°♊42'15		
morning set	-1314 Jul 13 j 19:47	29°♊26'16		
	-1314 Jul 14 j 02:34	0°♋		
superior conj	-1314 Jul 22 j 02:00	15°♋49'54	1°47'51	
minimum elong	-1314 Jul 22 j 01:48	15°♋48'54	1°47'53	
max. Earth dist.	-1314 Jul 28 j 09:38	27°♋46'53	1.38083 AU	
	-1314 Jul 29 j 14:53	0°♌		
evening rise	-1314 Aug 01 j 06:17	4°♌42'37		
desc. node	-1314 Aug 14 j 22:58	27°♌04'52		
	-1314 Aug 16 j 21:39	0°♍		
evening max el	-1314 Sep 05 j 23:49	25°♍42'23	24°57'28	
	-1314 Sep 11 j 01:25	0°♎		
retrograde	-1314 Sep 17 j 16:15	2°♎29'30		
evening set	-1314 Sep 23 j 08:31	0°♎06'07		
	-1314 Sep 23 j 11:21	30°℞♍		
min. Earth dist.	-1314 Sep 27 j 22:17	24°♍55'27	0.67174 AU	
inferior conj	-1314 Sep 28 j 19:43	23°♍44'42	0°-52'-13	
minimum elong	-1314 Sep 28 j 21:00	23°♍40'29	0°51'41	
asc. node	-1314 Oct 01 j 08:37	20°♍32'42		
morning rise	-1314 Oct 04 j 09:56	17°♍40'53		
direct	-1314 Oct 07 j 22:21	16°♍29'25		
morning max el	-1314 Oct 15 j 10:51	20°♍48'38	19°53'21	
	-1314 Oct 22 j 21:11	0°♎		
greatest brilliancy	-1314 Oct 23 j 01:52	0°♎16'17	-0.6m	
morning set	-1314 Nov 10 j 07:04	27°♎35'48		
desc. node	-1314 Nov 10 j 22:18	28°♎34'46		
	-1314 Nov 11 j 20:17	0°♏		
max. Earth dist.	-1314 Nov 22 j 03:48	16°♏11'58	1.44051 AU	
superior conj	-1314 Nov 26 j 23:28	23°♏56'42	-1°-32'-26	
minimum elong	-1314 Nov 26 j 15:57	23°♏26'14	1°31'47	
	-1314 Nov 30 j 16:25	0°♐		
evening rise	-1314 Dec 10 j 11:00	16°♐24'24		
	-1314 Dec 18 j 11:21	0°♑		
asc. node	-1314 Dec 28 j 07:55	14°♑08'14		
evening max el	-1314 Dec 28 j 16:16	14°♑29'49	18°15'59	
retrograde	-1313 Jan 04 j 04:21	18°♑00'05		
evening set	-1313 Jan 07 j 00:30	17°♑17'39		
inferior conj	-1313 Jan 13 j 04:44	11°♑54'13	3°48'14	
minimum elong	-1313 Jan 13 j 03:06	11°♑58'44	3°48'03	
min. Earth dist.	-1313 Jan 15 j 15:34	9°♑12'49	0.63426 AU	
morning rise	-1313 Jan 19 j 04:03	5°♑53'25		
direct	-1313 Jan 26 j 03:58	3°♑07'55		
desc. node	-1313 Feb 06 j 21:32	9°♑01'22		
morning max el	-1313 Feb 08 j 22:20	10°♑56'37	27°39'54	
	-1313 Feb 23 j 23:54	0°♒		
	-1313 Mar 13 j 10:59	0°♓		
morning set	-1313 Mar 15 j 08:53	3°♓46'13		
max. Earth dist.	-1313 Mar 20 j 16:28	14°♓42'37	1.33153 AU	
superior conj	-1313 Mar 23 j 02:39	19°♓52'36	0°-33'-5	
minimum elong	-1313 Mar 23 j 04:12	20°♓00'55	0°32'46	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

asc. node	-1313 Mar 26 j 07:15	26°♓45'17	
	-1313 Mar 27 j 19:26	0°♈	
evening rise	-1313 Mar 30 j 06:07	5°♈12'15	
	-1313 Apr 12 j 16:21	0°♉	
evening max el	-1313 Apr 22 j 03:20	11°♉47'21	23°11'18
retrograde	-1313 May 05 j 14:08	18°♉28'24	
desc. node	-1313 May 05 j 20:41	18°♉28'14	
evening set	-1313 May 09 j 03:59	18°♉00'22	
min. Earth dist.	-1313 May 16 j 13:15	14°♉41'00	0.55730 AU
inferior conj	-1313 May 18 j 07:41	13°♉38'56	-3°-14'-15
minimum elong	-1313 May 18 j 00:51	13°♉48'59	3°12'27
morning rise	-1313 May 27 j 00:53	9°♉43'34	
direct	-1313 May 29 j 16:58	9°♉26'22	
morning max el	-1313 Jun 09 j 09:18	14°♉23'20	20°26'08
	-1313 Jun 20 j 18:16	0°♊	
asc. node	-1313 Jun 22 j 06:30	2°♊43'48	
morning set	-1313 Jun 28 j 01:02	14°♊02'11	
superior conj	-1313 Jul 05 j 17:57	29°♊51'06	1°42'54
minimum elong	-1313 Jul 05 j 16:17	29°♊42'39	1°42'50
	-1313 Jul 05 j 19:42	0°♋	
max. Earth dist.	-1313 Jul 10 j 16:00	9°♋36'44	1.36252 AU
evening rise	-1313 Jul 14 j 17:54	17°♋19'47	
	-1313 Jul 21 j 21:57	0°♌	
desc. node	-1313 Aug 01 j 20:00	17°♌12'58	
	-1313 Aug 11 j 04:56	0°♍	
evening max el	-1313 Aug 19 j 11:09	9°♍17'42	26°05'52
retrograde	-1313 Sep 01 j 00:02	16°♍25'34	
evening set	-1313 Sep 07 j 06:58	13°♍47'38	
min. Earth dist.	-1313 Sep 11 j 12:32	9°♍14'15	0.66496 AU
inferior conj	-1313 Sep 12 j 21:29	7°♍31'20	-1°-47'-7
minimum elong	-1313 Sep 13 j 00:07	7°♍23'06	1°46'05
asc. node	-1313 Sep 18 j 05:40	1°♍57'33	
morning rise	-1313 Sep 18 j 18:08	1°♍37'39	
direct	-1313 Sep 21 j 20:39	0°♍42'22	
morning max el	-1313 Sep 28 j 18:33	4°♍35'08	18°58'30
	-1313 Oct 16 j 14:06	0°♎	
morning set	-1313 Oct 20 j 18:06	6°♎33'39	
desc. node	-1313 Oct 28 j 19:21	19°♎13'31	
	-1313 Nov 04 j 15:50	0°♏	
max. Earth dist.	-1313 Nov 04 j 20:28	0°♏18'13	1.44843 AU
superior conj	-1313 Nov 06 j 06:22	2°♏31'49	0°-53'-3
minimum elong	-1313 Nov 05 j 23:50	2°♏06'03	0°52'17
evening rise	-1313 Nov 21 j 15:08	27°♏06'40	
	-1313 Nov 23 j 09:48	0°♐	
evening max el	-1313 Dec 12 j 03:53	27°♐52'51	18°42'24
	-1313 Dec 14 j 13:24	0°♑	
asc. node	-1313 Dec 15 j 04:57	0°♑26'27	
retrograde	-1313 Dec 18 j 20:48	1°♑38'25	
evening set	-1313 Dec 21 j 22:05	0°♑45'31	
	-1313 Dec 23 j 01:16	30°℞♐	
inferior conj	-1313 Dec 27 j 18:42	25°♐03'58	3°26'19
minimum elong	-1313 Dec 27 j 16:03	25°♐11'59	3°25'47
min. Earth dist.	-1313 Dec 29 j 14:21	22°♐52'20	0.64982 AU
morning rise	-1312 Jan 02 j 08:53	18°♐55'41	
direct	-1312 Jan 09 j 01:54	16°♐04'45	
morning max el	-1312 Jan 22 j 07:59	23°♐46'27	27°03'30
desc. node	-1312 Jan 24 j 18:35	26°♐20'19	
	-1312 Jan 27 j 22:37	0°♑	
	-1312 Feb 17 j 07:54	0°♒	
morning set	-1312 Feb 26 j 22:17	17°♒26'28	
max. Earth dist.	-1312 Mar 02 j 12:57	26°♒34'51	1.34136 AU
	-1312 Mar 04 j 05:01	0°♓	
superior conj	-1312 Mar 06 j 05:54	4°♓14'08	0°-58'-56
minimum elong	-1312 Mar 06 j 08:36	4°♓28'17	0°58'28

asc. node	-1312 Mar 12 j 04:18	16°♓46'06	
evening rise	-1312 Mar 13 j 16:28	19°♓55'33	
	-1312 Mar 18 j 16:33	0°♈	
evening max el	-1312 Apr 02 j 23:10	22°♈32'41	21°38'54
retrograde	-1312 Apr 15 j 06:17	28°♈31'26	
evening set	-1312 Apr 17 j 19:24	28°♈16'47	
desc. node	-1312 Apr 21 j 17:45	27°♈02'43	
inferior conj	-1312 Apr 27 j 04:15	24°♈14'32	-1°-31'-36
minimum elong	-1312 Apr 27 j 00:01	24°♈20'29	1°30'10
min. Earth dist.	-1312 Apr 27 j 02:28	24°♈17'04	0.55061 AU
morning rise	-1312 May 06 j 05:24	20°♈16'07	
direct	-1312 May 09 j 04:51	19°♈56'38	
morning max el	-1312 May 21 j 12:51	25°♈46'21	21°53'10
	-1312 May 25 j 11:40	0°♉	
asc. node	-1312 Jun 08 j 03:34	22°♉11'50	
morning set	-1312 Jun 11 j 10:20	28°♉52'01	
	-1312 Jun 11 j 23:25	0°♊	
superior conj	-1312 Jun 18 j 18:34	14°♊19'30	1°31'36
minimum elong	-1312 Jun 18 j 16:09	14°♊06'52	1°31'22
max. Earth dist.	-1312 Jun 22 j 06:27	21°♊33'02	1.34741 AU
evening rise	-1312 Jun 26 j 22:16	0°♋47'27	
	-1312 Jun 26 j 12:27	0°♋	
	-1312 Jul 13 j 22:32	0°♌	
desc. node	-1312 Jul 18 j 17:03	6°♌55'46	
evening max el	-1312 Jul 31 j 22:46	22°♌47'44	26°56'53
	-1312 Aug 12 j 16:52	0°♍	
retrograde	-1312 Aug 14 j 02:48	0°♍06'27	
	-1312 Aug 15 j 11:55	30°℞♌	
evening set	-1312 Aug 20 j 22:07	27°♌20'54	
min. Earth dist.	-1312 Aug 24 j 20:08	23°♌25'31	0.65455 AU
inferior conj	-1312 Aug 26 j 17:45	21°♌13'20	-2°-40'-11
minimum elong	-1312 Aug 26 j 21:33	21°♌02'19	2°38'53
morning rise	-1312 Sep 01 j 22:20	15°♌32'55	
asc. node	-1312 Sep 04 j 02:44	14°♌52'13	
direct	-1312 Sep 04 j 17:19	14°♌50'10	
morning max el	-1312 Sep 11 j 07:19	18°♌25'44	18°19'49
	-1312 Sep 19 j 22:04	0°♍	
morning set	-1312 Sep 30 j 08:25	16°♍52'56	
	-1312 Oct 08 j 10:24	0°♎	
desc. node	-1312 Oct 14 j 16:23	9°♎57'46	
superior conj	-1312 Oct 15 j 07:02	10°♎55'44	0°-3'-59
minimum elong	-1312 Oct 15 j 06:31	10°♎53'41	0°03'55
behind sun begin	-1312 Oct 14 j 19:38	10°♎10'38	
behind sun end	-1312 Oct 15 j 17:24	11°♎36'42	
max. Earth dist.	-1312 Oct 17 j 14:52	14°♎35'59	1.44904 AU
	-1312 Oct 27 j 10:34	0°♏	
evening rise	-1312 Oct 31 j 19:15	6°♏49'32	
greatest brilliancy	-1312 Nov 15 j 11:58	29°♏31'19	-0.7m
	-1312 Nov 15 j 19:45	0°♐	
evening max el	-1312 Nov 24 j 12:19	11°♐19'24	19°25'50
asc. node	-1312 Dec 01 j 01:58	15°♐26'46	
retrograde	-1312 Dec 01 j 17:05	15°♐29'01	
evening set	-1312 Dec 05 j 01:13	14°♐23'52	
inferior conj	-1312 Dec 10 j 16:25	8°♐27'15	2°53'12
minimum elong	-1312 Dec 10 j 13:30	8°♐36'41	2°52'22
min. Earth dist.	-1312 Dec 11 j 21:53	6°♐52'02	0.66164 AU
morning rise	-1312 Dec 16 j 00:59	2°♐14'06	
	-1312 Dec 19 j 13:33	30°℞♏	
direct	-1312 Dec 22 j 06:06	29°♏30'33	
	-1312 Dec 25 j 02:36	0°♐	
morning max el	-1311 Jan 03 j 17:27	6°♐52'56	26°00'32
desc. node	-1311 Jan 10 j 15:38	14°♐44'42	
	-1311 Jan 21 j 17:22	0°♑	
morning set	-1311 Feb 08 j 21:58	0°♒21'11	
	-1311 Feb 08 j 17:23	0°♒	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

max. Earth dist.	-1311 Feb 12 j 21:26	7°♒52'38	1.35571 AU
	-1311 Feb 18 j 01:56	18°♒09'21	-1°-22'-54
superior conj	-1311 Feb 18 j 05:25	18°♒27'02	1°22'26
minimum elong	-1311 Feb 23 j 20:19	0°♓	
	-1311 Feb 25 j 23:27	4°♓22'52	
evening rise	-1311 Feb 27 j 01:20	6°♓34'37	
asc. node	-1311 Mar 12 j 18:11	0°♈	
	-1311 Mar 16 j 05:01	3°♈49'00	20°18'53
evening max el	-1311 Mar 26 j 20:31	8°♈54'35	
retrograde	-1311 Mar 29 j 00:44	8°♈42'44	
evening set	-1311 Apr 07 j 00:36	4°♈44'39	0°26'56
inferior conj	-1311 Apr 07 j 01:49	4°♈42'51	0°26'30
minimum elong	-1311 Apr 08 j 16:35	3°♈45'41	0.55344 AU
min. Earth dist.	-1311 Apr 08 j 14:47	3°♈48'20	
desc. node	-1311 Apr 16 j 00:32	0°♈24'22	
morning rise	-1311 Apr 18 j 02:46	30°℞♓	
	-1311 Apr 19 j 17:55	29°♓54'05	
direct	-1311 Apr 21 j 08:50	0°♈	
	-1311 May 03 j 07:31	6°♈33'53	23°31'44
morning max el	-1311 May 19 j 22:20	0°♉	
	-1311 May 26 j 00:38	11°♉59'22	
asc. node	-1311 May 26 j 21:52	13°♉50'04	
morning set			
	-1311 Jun 03 j 00:59	29°♉06'02	1°15'27
superior conj	-1311 Jun 02 j 22:27	28°♉52'26	1°15'04
minimum elong	-1311 Jun 03 j 11:03	0°♊	
	-1311 Jun 05 j 06:35	3°♊51'48	1.33617 AU
max. Earth dist.	-1311 Jun 10 j 14:52	14°♊52'40	
evening rise	-1311 Jun 18 j 15:15	0°♋	
	-1311 Jul 05 j 14:03	26°♋02'20	
desc. node	-1311 Jul 08 j 18:55	0°♌	
	-1311 Jul 14 j 09:54	6°♌02'17	27°23'08
evening max el	-1311 Jul 27 j 23:53	13°♌23'30	
retrograde	-1311 Aug 04 j 03:02	10°♌41'03	
evening set	-1311 Aug 07 j 19:07	7°♌21'01	0.64044 AU
min. Earth dist.	-1311 Aug 10 j 06:04	4°♌45'43	-3°-28'-40
inferior conj	-1311 Aug 10 j 10:30	4°♌34'02	3°27'28
minimum elong	-1311 Aug 15 j 14:27	30°℞♋	
	-1311 Aug 16 j 19:53	29°♋21'40	
morning rise	-1311 Aug 19 j 09:50	28°♋48'03	
direct	-1311 Aug 21 j 23:47	29°♋21'54	
asc. node	-1311 Aug 23 j 04:38	0°♌	
	-1311 Aug 25 j 22:33	2°♌14'39	17°58'19
morning max el	-1311 Sep 12 j 01:42	28°♌30'02	
morning set	-1311 Sep 12 j 22:42	0°♍	
	-1311 Sep 24 j 23:13	20°♍08'24	0°42'17
superior conj	-1311 Sep 25 j 03:36	20°♍26'17	0°41'42
minimum elong	-1311 Sep 30 j 08:02	28°♍47'25	1.44245 AU
max. Earth dist.	-1311 Oct 01 j 02:17	0°♎	
	-1311 Oct 01 j 13:24	0°♎44'08	
desc. node	-1311 Oct 11 j 05:02	15°♎48'49	
evening rise	-1311 Oct 20 j 12:20	0°♏	
	-1311 Nov 01 j 07:59	17°♏06'53	-0.5m
greatest brilliancy	-1311 Nov 07 j 15:49	24°♏46'57	20°24'14
evening max el	-1311 Nov 15 j 14:32	29°♏27'51	
retrograde	-1311 Nov 17 j 22:59	28°♏56'08	
asc. node	-1311 Nov 19 j 07:38	28°♏08'08	
evening set	-1311 Nov 24 j 19:15	21°♏59'39	2°11'57
inferior conj	-1311 Nov 24 j 16:39	22°♏08'25	2°11'02
minimum elong	-1311 Nov 25 j 12:02	21°♏02'55	0.66980 AU
min. Earth dist.	-1311 Nov 30 j 01:08	15°♏44'03	
morning rise	-1311 Dec 05 j 15:39	13°♏16'58	
direct	-1311 Dec 17 j 01:47	20°♏05'31	24°40'23
morning max el	-1311 Dec 25 j 13:41	0°♐	
	-1311 Dec 28 j 12:40	3°♐54'51	
desc. node			

	-1310 Jan 14 j 21:39	0°♑	
morning set	-1310 Jan 22 j 02:17	12°♑13'26	
max. Earth dist.	-1310 Jan 25 j 19:35	18°♑54'02	1.37425 AU
	-1310 Jan 31 j 17:15	0°♒	
superior conj	-1310 Feb 01 j 11:30	1°♒28'23	-1°-42'-59
minimum elong	-1310 Feb 01 j 14:59	1°♒45'21	1°42'42
evening rise	-1310 Feb 10 j 00:47	18°♒26'44	
asc. node	-1310 Feb 13 j 22:21	26°♒04'46	
	-1310 Feb 16 j 00:39	0°♓	
evening max el	-1310 Feb 26 j 21:48	15°♓41'58	19°16'37
retrograde	-1310 Mar 07 j 21:16	19°♓59'59	
evening set	-1310 Mar 10 j 03:06	19°♓45'04	
inferior conj	-1310 Mar 18 j 09:57	15°♓35'44	2°08'39
minimum elong	-1310 Mar 18 j 14:21	15°♓28'22	2°07'23
min. Earth dist.	-1310 Mar 21 j 07:37	13°♓39'58	0.56514 AU
desc. node	-1310 Mar 26 j 11:49	10°♓53'30	
morning rise	-1310 Mar 26 j 21:41	10°♓44'08	
direct	-1310 Mar 31 j 18:03	9°♓49'57	
morning max el	-1310 Apr 14 j 22:08	17°♓04'39	25°10'14
	-1310 Apr 25 j 11:23	0°♈	
morning set	-1310 May 11 j 09:53	28°♈49'56	
	-1310 May 11 j 23:10	0°♉	
asc. node	-1310 May 12 j 21:41	1°♉59'46	
superior conj	-1310 May 18 j 10:53	14°♉02'25	0°55'32
minimum elong	-1310 May 18 j 08:44	13°♉50'38	0°55'09
max. Earth dist.	-1310 May 19 j 14:31	16°♉32'37	1.32867 AU
evening rise	-1310 May 25 j 15:58	29°♉23'18	
	-1310 May 25 j 23:09	0°♊	
	-1310 Jun 11 j 18:36	0°♋	
desc. node	-1310 Jun 22 j 11:04	14°♋17'30	
evening max el	-1310 Jun 26 j 18:22	18°♋48'37	27°18'59
retrograde	-1310 Jul 10 j 14:26	26°♋07'48	
evening set	-1310 Jul 17 j 17:59	23°♋41'46	
min. Earth dist.	-1310 Jul 21 j 08:02	20°♋49'26	0.62290 AU
inferior conj	-1310 Jul 24 j 07:32	18°♋01'48	-4°-8'-26
minimum elong	-1310 Jul 24 j 11:32	17°♋52'22	4°07'43
morning rise	-1310 Jul 31 j 07:36	12°♋57'23	
direct	-1310 Aug 02 j 19:04	12°♋30'04	
asc. node	-1310 Aug 08 j 20:52	15°♋17'00	
morning max el	-1310 Aug 09 j 13:28	15°♋55'55	17°55'03
	-1310 Aug 19 j 09:39	0°♌	
morning set	-1310 Aug 25 j 16:28	11°♌09'06	
	-1310 Sep 05 j 08:41	0°♍	
superior conj	-1310 Sep 05 j 18:14	0°♍40'52	1°16'56
minimum elong	-1310 Sep 05 j 23:21	1°♍02'43	1°16'24
max. Earth dist.	-1310 Sep 12 j 21:42	12°♍36'50	1.42953 AU
desc. node	-1310 Sep 18 j 10:25	21°♍29'34	
evening rise	-1310 Sep 20 j 12:19	24°♍45'43	
	-1310 Sep 23 j 21:25	0°♎	
	-1310 Oct 14 j 14:32	0°♏	
greatest brilliancy	-1310 Oct 16 j 14:30	2°♏33'34	-0.4m
evening max el	-1310 Oct 21 j 13:32	8°♏15'09	21°34'38
retrograde	-1310 Oct 30 j 11:15	13°♏32'34	
evening set	-1310 Nov 03 j 15:28	11°♏56'01	
asc. node	-1310 Nov 04 j 20:01	10°♏52'46	
inferior conj	-1310 Nov 09 j 01:04	5°♏39'02	1°24'48
minimum elong	-1310 Nov 08 j 23:14	5°♏45'24	1°24'03
min. Earth dist.	-1310 Nov 09 j 06:32	5°♏20'10	0.67447 AU
	-1310 Nov 13 j 14:40	30°℞♎	
morning rise	-1310 Nov 14 j 06:43	29°♎23'22	
direct	-1310 Nov 19 j 05:50	27°♎17'43	
	-1310 Nov 25 j 16:22	0°♏	
morning max el	-1310 Nov 29 j 11:00	3°♏22'29	23°13'15
greatest brilliancy	-1310 Dec 04 j 13:14	9°♏05'42	-0.3m

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-1310 Dec 15 j 09:42	23°♏37'56		
	-1310 Dec 19 j 18:16	0°♐		
morning set	-1309 Jan 03 j 05:06	22°♐48'03		
	-1309 Jan 07 j 10:40	0°♑		
max. Earth dist.	-1309 Jan 07 j 14:58	0°♑18'35	1.39521 AU	
superior conj	-1309 Jan 15 j 06:30	14°♑01'03	-1°-56'-22	
minimum elong	-1309 Jan 15 j 08:38	14°♑10'54	1°56'19	
	-1309 Jan 23 j 16:40	0°♒		
evening rise	-1309 Jan 24 j 17:51	2°♒01'10		
asc. node	-1309 Jan 31 j 19:21	15°♒10'42		
evening max el	-1309 Feb 09 j 23:46	28°♒08'28	18°34'05	
	-1309 Feb 12 j 05:19	0°♓		
retrograde	-1309 Feb 17 j 16:34	1°♓54'07		
evening set	-1309 Feb 20 j 02:31	1°♓33'11		
	-1309 Feb 23 j 12:50	30°℞♒		
inferior conj	-1309 Feb 27 j 15:31	27°♒04'12	3°15'44	
minimum elong	-1309 Feb 27 j 19:25	26°♒56'34	3°14'59	
min. Earth dist.	-1309 Mar 03 j 01:09	24°♒26'11	0.58304 AU	
morning rise	-1309 Mar 07 j 08:29	21°♒43'30		
direct	-1309 Mar 13 j 07:18	20°♒13'59		
desc. node	-1309 Mar 13 j 08:52	20°♒14'00		
morning max el	-1309 Mar 27 j 15:01	27°♒48'24	26°33'24	
	-1309 Mar 29 j 18:22	0°♓		
	-1309 Apr 18 j 22:26	0°♈		
morning set	-1309 Apr 25 j 20:48	13°♈45'56		
asc. node	-1309 Apr 29 j 18:44	22°♈08'05		
superior conj	-1309 May 02 j 22:27	29°♈02'13	0°32'47	
minimum elong	-1309 May 02 j 21:03	28°♈54'31	0°32'31	
max. Earth dist.	-1309 May 03 j 02:52	29°♈26'26	1.32476 AU	
	-1309 May 03 j 08:59	0°♉		
evening rise	-1309 May 09 j 22:47	14°♉09'52		
	-1309 May 18 j 00:29	0°♊		
	-1309 Jun 07 j 23:12	0°♋		
evening max el	-1309 Jun 08 j 21:25	0°♋54'16	26°41'45	
desc. node	-1309 Jun 09 j 08:05	1°♋19'22		
retrograde	-1309 Jun 22 j 21:16	8°♋10'39		
evening set	-1309 Jun 29 j 14:30	6°♋14'14		
min. Earth dist.	-1309 Jul 03 j 10:48	3°♋35'42	0.60291 AU	
inferior conj	-1309 Jul 06 j 18:36	0°♋52'20	-4°-33'-2	
minimum elong	-1309 Jul 06 j 20:31	0°♋48'21	4°32'54	
	-1309 Jul 07 j 20:16	30°℞♊		
morning rise	-1309 Jul 14 j 05:44	26°♊10'15		
direct	-1309 Jul 16 j 16:50	25°♊47'18		
morning max el	-1309 Jul 24 j 01:12	29°♊21'56	18°11'02	
	-1309 Jul 24 j 16:28	0°♋		
asc. node	-1309 Jul 26 j 17:57	2°♋22'03		
morning set	-1309 Aug 08 j 23:01	24°♋33'59		
	-1309 Aug 11 j 20:23	0°♌		
superior conj	-1309 Aug 18 j 15:25	12°♌31'14	1°38'01	
minimum elong	-1309 Aug 18 j 18:43	12°♌46'03	1°37'49	
max. Earth dist.	-1309 Aug 26 j 05:58	25°♌48'26	1.41197 AU	
	-1309 Aug 28 j 18:02	0°♍		
evening rise	-1309 Aug 31 j 10:55	4°♍26'08		
desc. node	-1309 Sep 05 j 07:25	12°♍10'20		
	-1309 Sep 17 j 04:44	0°♎		
greatest brilliancy	-1309 Sep 29 j 04:03	16°♎02'54	-0.3m	
evening max el	-1309 Oct 04 j 05:40	21°♎43'34	22°52'51	
retrograde	-1309 Oct 14 j 05:41	27°♎39'38		
evening set	-1309 Oct 18 j 22:56	25°♎44'38		
asc. node	-1309 Oct 22 j 17:05	21°♎35'13		
inferior conj	-1309 Oct 24 j 08:01	19°♎22'45	0°33'27	
minimum elong	-1309 Oct 24 j 07:14	19°♎25'26	0°33'06	
min. Earth dist.	-1309 Oct 24 j 02:58	19°♎40'09	0.67588 AU	
morning rise	-1309 Oct 29 j 15:32	13°♎09'30		
direct	-1309 Nov 02 j 23:47	11°♎26'25		
morning max el	-1309 Nov 12 j 00:27	16°♎45'48	21°48'03	
greatest brilliancy	-1309 Nov 16 j 21:24	22°♎18'00	-0.4m	
	-1309 Nov 22 j 17:53	0°♏		
desc. node	-1309 Dec 02 j 06:44	13°♏43'59		
	-1309 Dec 12 j 20:55	0°♐		
morning set	-1309 Dec 14 j 02:51	1°♐58'54		
max. Earth dist.	-1309 Dec 20 j 14:38	12°♐32'39	1.41571 AU	
superior conj	-1309 Dec 28 j 05:39	25°♐33'36	-1°-59'-16	
minimum elong	-1309 Dec 28 j 04:33	25°♐28'43	1°59'17	
	-1309 Dec 30 j 17:56	0°♑		
evening rise	-1308 Jan 07 j 23:14	14°♑58'01		
	-1308 Jan 16 j 08:36	0°♒		
asc. node	-1308 Jan 18 j 16:23	3°♒44'28		
evening max el	-1308 Jan 24 j 08:09	11°♒00'44	18°11'43	
retrograde	-1308 Jan 31 j 05:56	14°♒29'59		
evening set	-1308 Feb 02 j 19:43	14°♒01'36		
inferior conj	-1308 Feb 09 j 17:29	9°♒10'59	3°48'22	
minimum elong	-1308 Feb 09 j 19:05	9°♒07'20	3°48'12	
min. Earth dist.	-1308 Feb 13 j 00:21	6°♒13'23	0.60358 AU	
morning rise	-1308 Feb 16 j 15:26	3°♒29'11		
direct	-1308 Feb 23 j 08:22	1°♒22'07		
desc. node	-1308 Feb 28 j 05:55	2°♒24'50		
morning max el	-1308 Mar 08 j 13:57	9°♒07'32	27°27'42	
	-1308 Mar 24 j 14:39	0°♓		
morning set	-1308 Apr 09 j 04:49	28°♓31'58		
	-1308 Apr 09 j 21:46	0°♈		
max. Earth dist.	-1308 Apr 15 j 15:45	12°♈20'05	1.32437 AU	
asc. node	-1308 Apr 15 j 15:46	12°♈20'09		
superior conj	-1308 Apr 16 j 10:00	13°♈59'51	0°08'02	
minimum elong	-1308 Apr 16 j 09:38	13°♈57'51	0°07'58	
behind sun begin	-1308 Apr 16 j 05:15	13°♈33'55		
behind sun end	-1308 Apr 16 j 14:00	14°♈21'48		
evening rise	-1308 Apr 23 j 09:02	29°♈04'42		
	-1308 Apr 23 j 19:34	0°♉		
	-1308 May 10 j 14:13	0°♊		
evening max el	-1308 May 20 j 17:39	12°♊15'16	25°34'18	
desc. node	-1308 May 26 j 05:07	16°♊38'19		
retrograde	-1308 Jun 03 j 19:01	19°♊27'15		
evening set	-1308 Jun 09 j 12:56	18°♊09'08		
min. Earth dist.	-1308 Jun 14 j 05:44	15°♊26'15	0.58248 AU	
inferior conj	-1308 Jun 17 j 11:43	13°♊07'54	-4°-32'-48	
minimum elong	-1308 Jun 17 j 09:47	13°♊11'22	4°32'40	
morning rise	-1308 Jun 25 j 10:31	8°♊48'33		
direct	-1308 Jun 27 j 22:38	8°♊28'50		
morning max el	-1308 Jul 06 j 06:48	12°♊24'26	18°47'12	
asc. node	-1308 Jul 12 j 15:02	20°♊22'20		
	-1308 Jul 18 j 05:39	0°♋		
morning set	-1308 Jul 22 j 16:55	8°♋33'20		
superior conj	-1308 Jul 31 j 09:27	25°♋24'51	1°47'06	
minimum elong	-1308 Jul 31 j 10:25	25°♋29'23	1°47'07	
	-1308 Aug 02 j 20:08	0°♌		
max. Earth dist.	-1308 Aug 07 j 09:15	8°♌15'10	1.39215 AU	
evening rise	-1308 Aug 11 j 10:12	15°♌16'59		
	-1308 Aug 20 j 10:29	0°♍		
desc. node	-1308 Aug 22 j 04:27	2°♍42'43		
	-1308 Sep 10 j 22:50	0°♎		
evening max el	-1308 Sep 15 j 18:06	5°♎14'41	24°13'03	
retrograde	-1308 Sep 26 j 20:44	11°♎46'07		
evening set	-1308 Oct 02 j 04:22	9°♎32'34		
min. Earth dist.	-1308 Oct 06 j 23:00	4°♎01'28	0.67417 AU	
inferior conj	-1308 Oct 07 j 14:22	3°♎09'36	0°-20'-32	
minimum elong	-1308 Oct 07 j 14:52	3°♎07'56	0°20'20	
asc. node	-1308 Oct 08 j 14:10	1°♎49'56		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1308 Oct 10 j 00:53	30°℞♍	
morning rise	-1308 Oct 13 j 01:38	27°♍01'26	
direct	-1308 Oct 16 j 20:37	25°♍39'23	
	-1308 Oct 24 j 13:25	0°♎	
morning max el	-1308 Oct 24 j 20:46	0°♎18'27	20°31'30
greatest brilliancy	-1308 Oct 31 j 03:57	7°♎49'13	-0.5m
	-1308 Nov 15 j 11:06	0°♏	
desc. node	-1308 Nov 18 j 03:46	4°♏06'30	
morning set	-1308 Nov 22 j 02:49	10°♏12'47	
max. Earth dist.	-1308 Dec 01 j 21:24	25°♏39'17	1.43295 AU
	-1308 Dec 04 j 13:42	0°♐	
superior conj	-1308 Dec 08 j 03:36	5°♐53'53	-1°-47'-21
minimum elong	-1308 Dec 07 j 22:00	5°♐30'36	1°47'01
evening rise	-1308 Dec 20 j 12:53	27°♐08'46	
	-1308 Dec 22 j 03:52	0°♑	
asc. node	-1307 Jan 04 j 13:26	21°♑36'01	
evening max el	-1307 Jan 06 j 20:00	24°♑10'29	18°09'00
retrograde	-1307 Jan 13 j 09:08	27°♑37'04	
evening set	-1307 Jan 16 j 02:44	27°♑00'12	
inferior conj	-1307 Jan 22 j 12:32	21°♑48'30	3°54'04
minimum elong	-1307 Jan 22 j 11:52	21°♑50'12	3°54'01
min. Earth dist.	-1307 Jan 25 j 07:57	18°♑55'15	0.62372 AU
morning rise	-1307 Jan 28 j 18:52	15°♑53'06	
direct	-1307 Feb 04 j 19:07	13°♑17'10	
desc. node	-1307 Feb 14 j 02:58	17°♑03'37	
morning max el	-1307 Feb 18 j 18:45	21°♑07'19	27°45'55
	-1307 Feb 26 j 12:30	0°♒	
	-1307 Mar 17 j 14:38	0°♓	
morning set	-1307 Mar 24 j 07:46	12°♓59'43	
max. Earth dist.	-1307 Mar 30 j 01:11	24°♓58'37	1.32771 AU
superior conj	-1307 Mar 31 j 19:48	28°♓48'32	0°-17'-57
minimum elong	-1307 Mar 31 j 20:38	28°♓53'05	0°17'47
	-1307 Apr 01 j 08:58	0°♈	
asc. node	-1307 Apr 02 j 12:48	2°♈31'10	
evening rise	-1307 Apr 07 j 20:44	14°♈00'03	
	-1307 Apr 15 j 23:00	0°♉	
evening max el	-1307 May 02 j 09:04	23°♉01'53	24°06'05
desc. node	-1307 May 13 j 02:10	29°♉37'03	
retrograde	-1307 May 16 j 05:19	29°♉59'28	
evening set	-1307 May 20 j 13:58	29°♉17'10	
min. Earth dist.	-1307 May 26 j 20:26	26°♉14'13	0.56479 AU
inferior conj	-1307 May 29 j 08:40	24°♉40'35	-3°-55'-42
minimum elong	-1307 May 29 j 02:44	24°♉49'52	3°54'34
morning rise	-1307 Jun 06 j 19:21	20°♉39'10	
direct	-1307 Jun 09 j 09:16	20°♉21'39	
morning max el	-1307 Jun 19 j 03:23	24°♉52'49	19°44'11
	-1307 Jun 23 j 15:51	0°♊	
asc. node	-1307 Jun 29 j 12:05	9°♊04'15	
morning set	-1307 Jul 06 j 18:44	22°♊57'24	
	-1307 Jul 10 j 06:15	0°♋	
superior conj	-1307 Jul 14 j 18:41	9°♋04'45	1°46'39
minimum elong	-1307 Jul 14 j 17:46	9°♋00'13	1°46'38
max. Earth dist.	-1307 Jul 20 j 12:17	20°♋09'16	1.37268 AU
evening rise	-1307 Jul 24 j 09:47	27°♋18'22	
	-1307 Jul 25 j 22:07	0°♌	
desc. node	-1307 Aug 09 j 01:30	23°♌01'23	
	-1307 Aug 13 j 20:41	0°♍	
evening max el	-1307 Aug 29 j 05:22	18°♍49'32	25°28'13
retrograde	-1307 Sep 10 j 07:28	25°♍47'27	
evening set	-1307 Sep 16 j 05:58	23°♍17'23	
min. Earth dist.	-1307 Sep 20 j 16:10	18°♍22'07	0.66924 AU
inferior conj	-1307 Sep 21 j 18:21	16°♍57'25	-1°-15'-36
minimum elong	-1307 Sep 21 j 20:13	16°♍51'23	1°14'50
asc. node	-1307 Sep 25 j 11:14	12°♍35'09	
morning rise	-1307 Sep 27 j 11:06	10°♍57'19	
direct	-1307 Sep 30 j 18:56	9°♍53'14	
morning max el	-1307 Oct 08 j 00:33	14°♍00'28	19°28'02
greatest brilliancy	-1307 Oct 17 j 03:55	25°♍46'20	-0.7m
	-1307 Oct 20 j 00:32	0°♎	
morning set	-1307 Nov 01 j 03:07	18°♎36'04	
desc. node	-1307 Nov 05 j 00:48	24°♎40'46	
	-1307 Nov 08 j 10:30	0°♏	
max. Earth dist.	-1307 Nov 14 j 10:57	9°♏28'24	1.44473 AU
superior conj	-1307 Nov 17 j 22:51	15°♏01'53	-1°-17'-37
minimum elong	-1307 Nov 17 j 14:57	14°♏30'21	1°16'48
	-1307 Nov 27 j 04:29	0°♐	
evening rise	-1307 Dec 02 j 06:23	8°♐25'27	
	-1307 Dec 15 j 12:05	0°♑	
evening max el	-1307 Dec 21 j 08:32	7°♑31'09	18°25'05
asc. node	-1307 Dec 22 j 10:29	8°♑33'03	
retrograde	-1307 Dec 27 j 21:46	11°♑06'34	
evening set	-1307 Dec 30 j 19:55	10°♑19'57	
inferior conj	-1306 Jan 05 j 20:39	4°♑48'50	3°40'31
minimum elong	-1306 Jan 05 j 18:29	4°♑55'04	3°40'12
min. Earth dist.	-1306 Jan 08 j 01:08	2°♑18'34	0.64136 AU
	-1306 Jan 10 j 05:55	30°℞♐	
morning rise	-1306 Jan 11 j 15:37	28°♐44'33	
direct	-1306 Jan 18 j 13:33	25°♐54'36	
	-1306 Jan 28 j 00:04	0°♑	
morning max el	-1306 Feb 01 j 03:14	3°♑41'54	27°28'05
desc. node	-1306 Feb 01 j 00:00	3°♑33'51	
	-1306 Feb 20 j 23:05	0°♒	
morning set	-1306 Mar 08 j 03:03	27°♒00'25	
	-1306 Mar 09 j 15:11	0°♓	
max. Earth dist.	-1306 Mar 13 j 03:13	7°♓09'35	1.33515 AU
superior conj	-1306 Mar 16 j 02:03	13°♓22'18	0°-44'-10
minimum elong	-1306 Mar 16 j 04:06	13°♓33'16	0°43'47
asc. node	-1306 Mar 20 j 09:50	22°♓37'10	
evening rise	-1306 Mar 23 j 08:05	28°♓49'43	
	-1306 Mar 23 j 21:32	0°♈	
	-1306 Apr 10 j 15:39	0°♉	
evening max el	-1306 Apr 14 j 01:30	3°♉39'52	22°31'07
retrograde	-1306 Apr 27 j 02:33	10°♉04'30	
desc. node	-1306 Apr 29 j 23:12	9°♉46'32	
evening set	-1306 Apr 30 j 03:54	9°♉44'02	
min. Earth dist.	-1306 May 08 j 09:44	6°♉09'28	0.55337 AU
inferior conj	-1306 May 09 j 11:41	5°♉32'32	-2°-34'-41
minimum elong	-1306 May 09 j 05:19	5°♉41'37	2°32'46
morning rise	-1306 May 18 j 08:56	1°♉37'44	
direct	-1306 May 21 j 03:16	1°♉20'08	
morning max el	-1306 Jun 01 j 13:00	6°♉39'28	21°01'09
asc. node	-1306 Jun 16 j 09:08	28°♉17'47	
	-1306 Jun 17 j 06:21	0°♊	
morning set	-1306 Jun 21 j 01:54	7°♊39'25	
superior conj	-1306 Jun 28 j 14:38	23°♊18'03	1°38'47
minimum elong	-1306 Jun 28 j 12:34	23°♊07'25	1°38'38
	-1306 Jul 01 j 21:47	0°♋	
max. Earth dist.	-1306 Jul 02 j 21:37	1°♋58'36	1.35567 AU
evening rise	-1306 Jul 07 j 05:06	10°♋18'29	
	-1306 Jul 18 j 10:56	0°♌	
desc. node	-1306 Jul 26 j 22:32	12°♌59'34	
	-1306 Aug 09 j 08:21	0°♍	
evening max el	-1306 Aug 11 j 17:01	2°♍24'10	26°30'19
retrograde	-1306 Aug 24 j 13:07	9°♍37'27	
evening set	-1306 Aug 31 j 01:35	6°♍55'35	
min. Earth dist.	-1306 Sep 04 j 03:57	2°♍38'09	0.66093 AU
inferior conj	-1306 Sep 05 j 18:02	0°♍42'37	-2°-10'-1
minimum elong	-1306 Sep 05 j 21:13	0°♍32'59	2°08'49

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1306 Sep 06 j 08:09	30°℞♌	
morning rise	-1306 Sep 11 j 17:52	24°♌53'53	
asc. node	-1306 Sep 12 j 08:18	24°♌35'49	
direct	-1306 Sep 14 j 16:55	24°♌04'15	
morning max el	-1306 Sep 21 j 10:34	27°♌48'41	18°39'58
	-1306 Sep 23 j 09:58	0°♍	
morning set	-1306 Oct 12 j 01:09	28°♍07'27	
	-1306 Oct 13 j 05:20	0°♎	
desc. node	-1306 Oct 22 j 21:51	15°♎22'17	
superior conj	-1306 Oct 28 j 00:22	23°♎24'46	0°-32'-43
minimum elong	-1306 Oct 27 j 20:05	23°♎07'53	0°32'10
max. Earth dist.	-1306 Oct 28 j 04:52	23°♎42'27	1.44963 AU
	-1306 Nov 01 j 04:50	0°♏	
evening rise	-1306 Nov 13 j 00:11	18°♏42'04	
	-1306 Nov 20 j 02:08	0°♐	
evening max el	-1306 Dec 04 j 19:08	20°♐56'42	18°58'53
asc. node	-1306 Dec 09 j 07:32	24°♐20'24	
retrograde	-1306 Dec 11 j 16:06	24°♐51'01	
evening set	-1306 Dec 14 j 20:10	23°♐53'03	
inferior conj	-1306 Dec 20 j 14:14	18°♐04'49	3°13'22
minimum elong	-1306 Dec 20 j 11:23	18°♐13'41	3°12'43
min. Earth dist.	-1306 Dec 22 j 03:39	16°♐08'20	0.65541 AU
morning rise	-1306 Dec 26 j 01:41	11°♐54'27	
direct	-1305 Jan 01 j 14:15	9°♐05'18	
morning max el	-1305 Jan 14 j 12:48	16°♐39'34	26°39'21
desc. node	-1305 Jan 18 j 21:02	21°♐23'18	
	-1305 Jan 25 j 15:58	0°♑	
	-1305 Feb 13 j 19:21	0°♒	
morning set	-1305 Feb 19 j 11:08	10°♒22'33	
max. Earth dist.	-1305 Feb 23 j 18:39	18°♒45'54	1.34700 AU
superior conj	-1305 Feb 28 j 02:32	27°♒33'34	-1°-9'-26
minimum elong	-1305 Feb 28 j 05:38	27°♒49'35	1°08'57
	-1305 Mar 01 j 06:46	0°♓	
asc. node	-1305 Mar 07 j 06:52	12°♓33'22	
evening rise	-1305 Mar 07 j 17:13	13°♓26'57	
	-1305 Mar 16 j 07:21	0°♈	
evening max el	-1305 Mar 27 j 01:13	14°♈36'17	21°02'51
retrograde	-1305 Apr 07 j 15:51	20°♈12'14	
evening set	-1305 Apr 09 j 23:41	19°♈59'35	
desc. node	-1305 Apr 16 j 20:12	17°♈21'53	
inferior conj	-1305 Apr 19 j 06:13	16°♈01'25	0°-41'-9
minimum elong	-1305 Apr 19 j 04:16	16°♈04'10	0°40'28
min. Earth dist.	-1305 Apr 19 j 22:58	15°♈37'42	0.55070 AU
morning rise	-1305 Apr 28 j 08:15	11°♈56'00	
direct	-1305 May 01 j 14:14	11°♈33'09	
morning max el	-1305 May 14 j 12:06	17°♈44'50	22°34'19
	-1305 May 24 j 07:48	0°♉	
asc. node	-1305 Jun 03 j 06:11	17°♉55'00	
morning set	-1305 Jun 05 j 12:21	22°♉33'35	
	-1305 Jun 09 j 00:48	0°♊	
superior conj	-1305 Jun 12 j 18:00	7°♊54'59	1°25'16
minimum elong	-1305 Jun 12 j 15:28	7°♊41'34	1°24'58
max. Earth dist.	-1305 Jun 15 j 16:33	14°♊05'00	1.34217 AU
evening rise	-1305 Jun 20 j 15:09	24°♊03'37	
	-1305 Jun 23 j 17:25	0°♋	
	-1305 Jul 12 j 00:26	0°♌	
desc. node	-1305 Jul 13 j 19:32	2°♌28'34	
evening max el	-1305 Jul 25 j 04:46	15°♌49'44	27°11'33
retrograde	-1305 Aug 07 j 13:16	23°♌09'28	
evening set	-1305 Aug 14 j 12:45	20°♌23'52	
min. Earth dist.	-1305 Aug 18 j 08:02	16°♌44'11	0.64899 AU
inferior conj	-1305 Aug 20 j 11:15	14°♌21'26	-3°-1'-31
minimum elong	-1305 Aug 20 j 15:24	14°♌09'49	3°00'12
morning rise	-1305 Aug 26 j 19:36	8°♌47'33	
direct	-1305 Aug 29 j 12:15	8°♌08'55	
asc. node	-1305 Aug 30 j 05:21	8°♌11'38	
morning max el	-1305 Sep 05 j 00:42	11°♌39'20	18°08'36
	-1305 Sep 17 j 17:25	0°♍	
morning set	-1305 Sep 23 j 03:31	9°♍02'10	
	-1305 Oct 05 j 22:35	0°♎	
superior conj	-1305 Oct 07 j 05:19	2°♎03'02	0°16'41
minimum elong	-1305 Oct 07 j 07:21	2°♎11'08	0°16'24
desc. node	-1305 Oct 09 j 18:54	6°♎08'03	
max. Earth dist.	-1305 Oct 10 j 23:46	8°♎02'18	1.44711 AU
evening rise	-1305 Oct 23 j 19:18	28°♎03'50	
	-1305 Oct 25 j 01:19	0°♏	
greatest brilliancy	-1305 Nov 10 j 10:33	24°♏45'52	-0.6m
	-1305 Nov 14 j 07:13	0°♐	
evening max el	-1305 Nov 18 j 01:41	4°♐24'09	19°48'52
retrograde	-1305 Nov 25 j 13:12	8°♐46'03	
asc. node	-1305 Nov 26 j 04:33	8°♐43'43	
evening set	-1305 Nov 29 j 00:59	7°♐34'47	
inferior conj	-1305 Dec 04 j 14:25	1°♐32'31	2°36'32
minimum elong	-1305 Dec 04 j 11:35	1°♐41'54	2°35'38
min. Earth dist.	-1305 Dec 05 j 14:12	0°♐13'58	0.66561 AU
	-1305 Dec 05 j 18:28	30°℞♏	
morning rise	-1305 Dec 09 j 21:33	25°♏18'08	
direct	-1305 Dec 15 j 20:35	22°♏41'05	
morning max el	-1305 Dec 27 j 21:52	29°♏50'02	25°27'56
	-1305 Dec 28 j 01:49	0°♐	
desc. node	-1304 Jan 05 j 18:06	10°♐09'07	
	-1304 Jan 19 j 13:28	0°♑	
morning set	-1304 Feb 02 j 03:19	22°♑52'41	
	-1304 Feb 05 j 23:40	0°♒	
max. Earth dist.	-1304 Feb 05 j 22:38	29°♑55'06	1.36326 AU
superior conj	-1304 Feb 11 j 18:33	11°♒14'33	-1°-32'-3
minimum elong	-1304 Feb 11 j 22:10	11°♒32'35	1°31'38
evening rise	-1304 Feb 19 j 22:07	27°♒45'25	
	-1304 Feb 21 j 00:50	0°♓	
asc. node	-1304 Feb 22 j 03:53	2°♓14'53	
evening max el	-1304 Mar 08 j 11:39	26°♓07'31	19°49'53
	-1304 Mar 14 j 03:11	0°♈	
retrograde	-1304 Mar 18 j 09:28	0°♈51'51	
evening set	-1304 Mar 20 j 13:38	0°♈39'10	
	-1304 Mar 22 j 21:08	30°℞♓	
inferior conj	-1304 Mar 29 j 06:41	26°♓37'20	1°13'46
minimum elong	-1304 Mar 29 j 09:44	26°♓32'37	1°12'46
min. Earth dist.	-1304 Mar 31 j 13:07	25°♓13'21	0.55745 AU
desc. node	-1304 Apr 02 j 17:13	23°♓58'11	
morning rise	-1304 Apr 07 j 02:40	22°♓04'20	
direct	-1304 Apr 11 j 06:42	21°♓25'52	
morning max el	-1304 Apr 25 j 04:23	28°♓22'09	24°14'42
	-1304 Apr 26 j 19:35	0°♈	
	-1304 May 16 j 07:42	0°♉	
morning set	-1304 May 20 j 00:18	7°♉33'21	
asc. node	-1304 May 20 j 03:13	7°♉48'42	
superior conj	-1304 May 27 j 02:08	22°♉46'35	1°07'23
minimum elong	-1304 May 26 j 23:42	22°♉33'26	1°07'00
max. Earth dist.	-1304 May 28 j 20:26	26°♉34'17	1.33247 AU
	-1304 May 30 j 11:04	0°♊	
evening rise	-1304 Jun 03 j 11:44	8°♊20'38	
	-1304 Jun 15 j 04:02	0°♋	
desc. node	-1304 Jun 29 j 16:33	21°♋15'29	
evening max el	-1304 Jul 06 j 14:52	28°♋53'05	27°25'18
	-1304 Jul 07 j 19:47	0°♌	
retrograde	-1304 Jul 20 j 07:35	6°♌13'55	
evening set	-1304 Jul 27 j 12:12	3°♌36'22	
min. Earth dist.	-1304 Jul 31 j 02:36	0°♌29'48	0.63336 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1304 Jul	31 j 14:44	30℞♋	
inferior conj	-1304 Aug	02 j 19:18	27°♋47'24	-3°-46'-54
minimum elong	-1304 Aug	02 j 23:42	27°♋36'17	3°45'53
morning rise	-1304 Aug	09 j 13:24	22°♋31'40	
direct	-1304 Aug	12 j 02:02	22°♋01'01	
asc. node	-1304 Aug	16 j 02:25	23°♋19'15	
morning max el	-1304 Aug	18 j 16:11	25°♋26'00	17°54'45
	-1304 Aug	22 j 11:36	0°♌	
morning set	-1304 Sep	04 j 06:36	21°♌07'14	
	-1304 Sep	09 j 09:04	0°♍	
superior conj	-1304 Sep	16 j 08:22	11°♍48'11	0°58'38
minimum elong	-1304 Sep	16 j 13:32	12°♍09'36	0°58'00
max. Earth dist.	-1304 Sep	22 j 15:45	22°♍06'22	1.43760 AU
desc. node	-1304 Sep	25 j 15:55	26°♍54'18	
	-1304 Sep	27 j 14:58	0°♎	
evening rise	-1304 Oct	02 j 01:36	6°♎55'29	
	-1304 Oct	17 j 09:56	0°♏	
greatest brilliancy	-1304 Oct	25 j 11:26	11°♏11'56	-0.5m
evening max el	-1304 Oct	31 j 02:39	17°♏51'26	20°52'53
retrograde	-1304 Nov	08 j 10:44	22°♏47'53	
evening set	-1304 Nov	12 j 08:15	21°♏21'12	
asc. node	-1304 Nov	12 j 01:35	21°♏33'14	
inferior conj	-1304 Nov	17 j 18:48	15°♏08'23	1°52'36
minimum elong	-1304 Nov	17 j 16:29	15°♏16'19	1°51'43
min. Earth dist.	-1304 Nov	18 j 06:35	14°♏28'04	0.67213 AU
morning rise	-1304 Nov	23 j 00:17	8°♏52'19	
direct	-1304 Nov	28 j 08:08	6°♏34'11	
morning max el	-1304 Dec	09 j 06:30	13°♏05'30	24°03'41
desc. node	-1304 Dec	22 j 15:10	29°♏34'52	
	-1304 Dec	22 j 22:23	0°♐	
	-1303 Jan	11 j 09:48	0°♑	
morning set	-1303 Jan	13 j 21:42	4°♑14'52	
max. Earth dist.	-1303 Jan	17 j 18:45	11°♑02'50	1.38298 AU
superior conj	-1303 Jan	24 j 22:33	24°♑15'50	-1°-49'-42
minimum elong	-1303 Jan	25 j 01:41	24°♑30'43	1°49'30
	-1303 Jan	27 j 22:04	0°♒	
evening rise	-1303 Feb	02 j 20:23	11°♒38'32	
asc. node	-1303 Feb	08 j 00:55	21°♒36'14	
	-1303 Feb	12 j 21:53	0°♓	
evening max el	-1303 Feb	19 j 08:42	8°♓16'24	18°56'03
retrograde	-1303 Feb	27 j 18:02	12°♓18'57	
evening set	-1303 Mar	02 j 01:20	12°♓01'54	
inferior conj	-1303 Mar	10 j 00:26	7°♓44'53	2°41'37
minimum elong	-1303 Mar	10 j 05:00	7°♓36'43	2°40'28
min. Earth dist.	-1303 Mar	13 j 05:19	5°♓28'33	0.57215 AU
morning rise	-1303 Mar	18 j 04:32	2°♓39'38	
desc. node	-1303 Mar	20 j 14:16	1°♓52'14	
direct	-1303 Mar	23 j 12:33	1°♓31'26	
morning max el	-1303 Apr	06 j 19:37	8°♓56'52	25°48'22
	-1303 Apr	22 j 14:57	0°♈	
morning set	-1303 May	04 j 12:05	22°♈32'56	
asc. node	-1303 May	07 j 00:16	27°♈53'30	
	-1303 May	07 j 23:40	0°♉	
superior conj	-1303 May	11 j 13:01	7°♉45'54	0°46'11
minimum elong	-1303 May	11 j 11:08	7°♉35'37	0°45'51
max. Earth dist.	-1303 May	12 j 06:33	9°♉21'45	1.32654 AU
evening rise	-1303 May	18 j 15:36	22°♉59'29	
	-1303 May	22 j 02:56	0°♊	
	-1303 Jun	09 j 02:50	0°♋	
desc. node	-1303 Jun	16 j 13:32	9°♋02'36	
evening max el	-1303 Jun	18 j 21:07	11°♋22'34	27°07'05
retrograde	-1303 Jul	02 j 19:18	18°♋41'32	
evening set	-1303 Jul	09 j 19:53	16°♋26'22	
min. Earth dist.	-1303 Jul	13 j 11:06	13°♋41'58	0.61458 AU
inferior conj	-1303 Jul	16 j 15:03	10°♋53'28	-4°-21'-15
minimum elong	-1303 Jul	16 j 18:24	10°♋45'59	4°20'48
morning rise	-1303 Jul	23 j 19:48	5°♋58'34	
direct	-1303 Jul	26 j 06:44	5°♋33'27	
morning max el	-1303 Aug	02 j 06:10	9°♋01'54	17°59'26
asc. node	-1303 Aug	02 j 23:30	9°♋45'54	
	-1303 Aug	15 j 22:42	0°♌	
morning set	-1303 Aug	18 j 04:39	4°♌06'46	
superior conj	-1303 Aug	28 j 14:59	22°♌54'50	1°27'29
minimum elong	-1303 Aug	28 j 19:30	23°♌14'32	1°27'05
	-1303 Sep	01 j 17:45	0°♍	
max. Earth dist.	-1303 Sep	05 j 02:31	5°♍38'12	1.42245 AU
evening rise	-1303 Sep	11 j 13:24	16°♍05'02	
desc. node	-1303 Sep	12 j 12:55	17°♍37'56	
	-1303 Sep	20 j 13:53	0°♎	
greatest brilliancy	-1303 Oct	09 j 04:03	25°♎57'39	-0.3m
	-1303 Oct	12 j 15:42	0°♏	
evening max el	-1303 Oct	13 j 21:45	1°♏18'53	22°07'22
retrograde	-1303 Oct	23 j 06:42	6°♏53'23	
evening set	-1303 Oct	27 j 16:08	5°♏09'18	
asc. node	-1303 Oct	29 j 22:39	2°♏54'04	
	-1303 Nov	01 j 04:56	30℞♎	
inferior conj	-1303 Nov	02 j 01:20	28°♎49'43	1°03'28
minimum elong	-1303 Nov	01 j 23:55	28°♎54'38	1°02'51
min. Earth dist.	-1303 Nov	02 j 02:19	28°♎46'17	0.67537 AU
morning rise	-1303 Nov	07 j 07:29	22°♎34'28	
direct	-1303 Nov	12 j 00:07	20°♎38'21	
morning max el	-1303 Nov	21 j 17:01	26°♎24'12	22°36'18
	-1303 Nov	24 j 23:58	0°♏	
greatest brilliancy	-1303 Nov	26 j 08:45	1°♏37'34	-0.3m
desc. node	-1303 Dec	09 j 12:13	19°♏28'30	
	-1303 Dec	16 j 12:48	0°♐	
morning set	-1303 Dec	25 j 12:12	14°♐13'22	
max. Earth dist.	-1303 Dec	30 j 14:39	22°♐43'53	1.40406 AU
	-1302 Jan	03 j 19:33	0°♑	
superior conj	-1302 Jan	07 j 09:50	6°♑24'38	-1°-59'-9
minimum elong	-1302 Jan	07 j 10:49	6°♑29'09	1°59'10
evening rise	-1302 Jan	17 j 08:57	24°♑57'46	
	-1302 Jan	20 j 01:10	0°♒	
asc. node	-1302 Jan	25 j 21:58	10°♒29'45	
evening max el	-1302 Feb	02 j 13:52	20°♒55'30	18°22'13
retrograde	-1302 Feb	09 j 21:09	24°♒32'02	
evening set	-1302 Feb	12 j 08:49	24°♒08'06	
inferior conj	-1302 Feb	19 j 14:59	19°♒30'22	3°33'20
minimum elong	-1302 Feb	19 j 18:00	19°♒24'04	3°32'53
min. Earth dist.	-1302 Feb	23 j 01:07	16°♒40'43	0.59166 AU
morning rise	-1302 Feb	26 j 23:37	13°♒59'40	
direct	-1302 Mar	05 j 07:37	12°♒13'23	
desc. node	-1302 Mar	07 j 11:20	12°♒25'24	
morning max el	-1302 Mar	19 j 14:45	19°♒53'43	27°00'26
	-1302 Mar	28 j 06:09	0°♓	
	-1302 Apr	15 j 06:20	0°♈	
morning set	-1302 Apr	18 j 21:59	7°♈25'21	
asc. node	-1302 Apr	23 j 21:20	18°♈03'54	
superior conj	-1302 Apr	26 j 00:48	22°♈45'41	0°22'30
minimum elong	-1302 Apr	25 j 23:49	22°♈40'15	0°22'18
max. Earth dist.	-1302 Apr	25 j 19:27	22°♈16'22	1.32419 AU
	-1302 Apr	29 j 08:12	0°♉	
evening rise	-1302 May	03 j 00:10	7°♉50'34	
	-1302 May	14 j 15:12	0°♊	
evening max el	-1302 May	31 j 21:26	23°♊09'28	26°16'21
desc. node	-1302 Jun	03 j 10:33	25°♊24'48	
	-1302 Jun	11 j 18:52	0°♋	
retrograde	-1302 Jun	14 j 22:44	0°♋24'27	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1302 Jun 18 j 01:38	30℞♊	
evening set	-1302 Jun 21 j 07:20	28°♊44'09	
min. Earth dist.	-1302 Jun 25 j 10:28	26°♊05'36	0.59409 AU
inferior conj	-1302 Jun 28 j 18:54	23°♊30'24	-4°-36'-44
minimum elong	-1302 Jun 28 j 19:22	23°♊29'30	4°36'42
morning rise	-1302 Jul 06 j 10:56	18°♊57'52	
direct	-1302 Jul 08 j 22:13	18°♊36'27	
morning max el	-1302 Jul 16 j 15:38	22°♊18'51	18°23'50
asc. node	-1302 Jul 20 j 20:35	27°♊16'02	
	-1302 Jul 22 j 17:20	0°♋	
morning set	-1302 Aug 01 j 16:32	17°♋47'35	
	-1302 Aug 08 j 02:20	0°♌	
superior conj	-1302 Aug 10 j 21:45	5°♌13'48	1°43'12
minimum elong	-1302 Aug 11 j 00:02	5°♌24'19	1°43'06
max. Earth dist.	-1302 Aug 18 j 08:13	18°♌29'55	1.40367 AU
evening rise	-1302 Aug 22 j 22:07	26°♌14'21	
	-1302 Aug 25 j 05:09	0°♍	
desc. node	-1302 Aug 30 j 09:56	8°♍15'40	
	-1302 Sep 14 j 07:04	0°♎	
evening max el	-1302 Sep 26 j 12:12	14°♎48'51	23°27'16
retrograde	-1302 Oct 06 j 23:44	21°♎00'25	
evening set	-1302 Oct 11 j 22:55	18°♎57'41	
asc. node	-1302 Oct 16 j 19:44	13°♎17'51	
inferior conj	-1302 Oct 17 j 08:14	12°♎35'04	0°10'47
minimum elong	-1302 Oct 17 j 07:59	12°♎35'57	0°10'40
transit middle	-1302 Oct 17 j 07:59	12°♎35'57	0°10'40
transit begin	-1302 Oct 17 j 05:56	12°♎42'58	
transit end	-1302 Oct 17 j 10:02	12°♎28'56	
min. Earth dist.	-1302 Oct 16 j 22:54	13°♎07'01	0.67551 AU
morning rise	-1302 Oct 22 j 17:06	6°♎23'32	
direct	-1302 Oct 26 j 19:36	4°♎49'25	
morning max el	-1302 Nov 04 j 09:00	9°♎50'36	21°14'07
greatest brilliancy	-1302 Nov 09 j 17:28	16°♎02'07	-0.5m
	-1302 Nov 19 j 20:15	0°♏	
desc. node	-1302 Nov 26 j 09:16	9°♏42'21	
morning set	-1302 Dec 04 j 22:46	22°♏53'29	
	-1302 Dec 09 j 10:07	0°♐	
max. Earth dist.	-1302 Dec 12 j 17:14	5°♐20'56	1.42360 AU
superior conj	-1302 Dec 19 j 22:53	17°♐27'59	-1°-56'-17
minimum elong	-1302 Dec 19 j 19:54	17°♐15'12	1°56'13
	-1302 Dec 27 j 02:46	0°♑	
evening rise	-1302 Dec 31 j 08:10	7°♑35'47	
asc. node	-1301 Jan 12 j 19:01	28°♑46'52	
	-1301 Jan 13 j 16:04	0°♒	
evening max el	-1301 Jan 17 j 00:10	3°♒56'23	18°08'13
retrograde	-1301 Jan 23 j 16:52	7°♒22'33	
evening set	-1301 Jan 26 j 08:23	6°♒50'31	
inferior conj	-1301 Feb 02 j 00:40	1°♒50'44	3°53'31
minimum elong	-1301 Feb 02 j 01:15	1°♒49'21	3°53'29
	-1301 Feb 03 j 22:34	30℞♑	
min. Earth dist.	-1301 Feb 05 j 03:22	28°♑52'31	0.61242 AU
morning rise	-1301 Feb 08 j 15:31	26°♑02'45	
direct	-1301 Feb 15 j 13:04	23°♑41'53	
desc. node	-1301 Feb 22 j 08:24	25°♑43'07	
	-1301 Feb 28 j 02:26	0°♒	
morning max el	-1301 Mar 01 j 16:07	1°♒29'08	27°39'54
	-1301 Mar 22 j 10:42	0°♓	
morning set	-1301 Apr 03 j 04:08	22°♓04'09	
	-1301 Apr 06 j 22:49	0°♈	
max. Earth dist.	-1301 Apr 09 j 07:24	5°♈05'15	1.32542 AU
superior conj	-1301 Apr 10 j 11:49	7°♈40'01	0°-2'-53
minimum elong	-1301 Apr 10 j 11:57	7°♈40'45	0°02'52
behind sun begin	-1301 Apr 10 j 06:57	7°♈13'27	
behind sun end	-1301 Apr 10 j 16:57	8°♈08'03	
asc. node	-1301 Apr 10 j 18:24	8°♈15'54	
evening rise	-1301 Apr 17 j 11:17	22°♈46'28	
	-1301 Apr 20 j 23:26	0°♉	
	-1301 May 09 j 16:04	0°♊	
evening max el	-1301 May 13 j 15:21	4°♊14'00	24°58'29
desc. node	-1301 May 21 j 07:35	9°♊48'42	
retrograde	-1301 May 27 j 15:25	11°♊20'38	
evening set	-1301 Jun 01 j 19:59	10°♊18'58	
min. Earth dist.	-1301 Jun 07 j 03:06	7°♊29'13	0.57447 AU
inferior conj	-1301 Jun 10 j 03:33	5°♊28'13	-4°-22'-14
minimum elong	-1301 Jun 09 j 23:44	5°♊34'39	4°21'47
morning rise	-1301 Jun 18 j 07:22	1°♊17'08	
direct	-1301 Jun 20 j 20:19	0°♊58'21	
morning max el	-1301 Jun 29 j 17:35	5°♊07'11	19°08'53
asc. node	-1301 Jul 07 j 17:39	15°♊35'09	
	-1301 Jul 15 j 14:09	0°♋	
morning set	-1301 Jul 16 j 14:11	1°♋58'27	
superior conj	-1301 Jul 24 j 22:51	18°♋28'32	1°47'57
minimum elong	-1301 Jul 24 j 22:56	18°♋28'56	1°47'58
	-1301 Jul 31 j 01:55	0°♌	
max. Earth dist.	-1301 Jul 31 j 11:10	0°♌42'07	1.38371 AU
evening rise	-1301 Aug 04 j 08:09	7°♌35'57	
desc. node	-1301 Aug 17 j 06:57	28°♌42'47	
	-1301 Aug 18 j 03:20	0°♍	
evening max el	-1301 Sep 08 j 23:57	28°♍21'46	24°46'09
	-1301 Sep 10 j 17:32	0°♎	
retrograde	-1301 Sep 20 j 12:49	5°♎04'59	
evening set	-1301 Sep 26 j 02:54	2°♎44'00	
	-1301 Sep 28 j 18:05	30℞♍	
min. Earth dist.	-1301 Sep 30 j 17:53	27°♍28'04	0.67251 AU
inferior conj	-1301 Oct 01 j 13:46	26°♍22'06	0°-43'-52
minimum elong	-1301 Oct 01 j 14:50	26°♍18'32	0°43'25
asc. node	-1301 Oct 03 j 16:49	23°♍38'05	
morning rise	-1301 Oct 07 j 03:10	20°♍17'09	
direct	-1301 Oct 10 j 17:13	19°♍03'04	
morning max el	-1301 Oct 18 j 08:30	23°♍26'56	20°02'47
	-1301 Oct 23 j 20:46	0°♎	
greatest brilliancy	-1301 Oct 25 j 13:59	2°♎18'57	-0.6m
desc. node	-1301 Nov 13 j 06:18	0°♏10'08	
	-1301 Nov 13 j 03:40	0°♏	
morning set	-1301 Nov 13 j 19:38	1°♏01'41	
max. Earth dist.	-1301 Nov 25 j 03:36	18°♏49'02	1.43878 AU
superior conj	-1301 Nov 30 j 09:07	27°♏15'28	-1°-36'-56
minimum elong	-1301 Nov 30 j 01:58	26°♏46'19	1°36'22
	-1301 Dec 02 j 01:18	0°♐	
evening rise	-1301 Dec 13 j 13:41	19°♐23'52	
	-1301 Dec 19 j 18:07	0°♑	
asc. node	-1301 Dec 30 j 16:03	16°♑16'22	
evening max el	-1301 Dec 31 j 12:33	17°♑10'42	18°13'35
retrograde	-1300 Jan 07 j 00:41	20°♑39'48	
evening set	-1300 Jan 09 j 20:08	19°♑58'50	
inferior conj	-1300 Jan 16 j 01:42	14°♑38'17	3°50'17
minimum elong	-1300 Jan 16 j 00:18	14°♑42'06	3°50'09
min. Earth dist.	-1300 Jan 18 j 14:47	11°♑53'20	0.63160 AU
morning rise	-1300 Jan 22 j 02:42	8°♑38'42	
direct	-1300 Jan 29 j 02:53	5°♑55'18	
desc. node	-1300 Feb 09 j 05:28	11°♑13'14	
morning max el	-1300 Feb 11 j 22:53	13°♑44'41	27°42'41
	-1300 Feb 25 j 02:17	0°♒	
	-1300 Mar 13 j 22:25	0°♓	
morning set	-1300 Mar 17 j 04:13	6°♓21'41	
max. Earth dist.	-1300 Mar 22 j 14:26	17°♓34'47	1.33037 AU
superior conj	-1300 Mar 24 j 20:21	22°♓23'07	0°-29'-5
minimum elong	-1300 Mar 24 j 21:43	22°♓30'28	0°28'49

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

asc. node	-1300 Mar 27 j 15:24	28°♓25'10	
	-1300 Mar 28 j 08:57	0°♈	
evening rise	-1300 Mar 31 j 23:04	7°♈40'30	
	-1300 Apr 12 j 18:42	0°♉	
evening max el	-1300 Apr 24 j 06:17	14°♉53'19	23°25'34
desc. node	-1300 May 07 j 04:37	21°♉38'35	
retrograde	-1300 May 07 j 20:01	21°♉39'31	
evening set	-1300 May 11 j 14:36	21°♉08'12	
min. Earth dist.	-1300 May 18 j 16:37	17°♉53'30	0.55902 AU
inferior conj	-1300 May 20 j 16:16	16°♉42'49	-3°-26'-36
minimum elong	-1300 May 20 j 09:30	16°♉52'54	3°24'57
morning rise	-1300 May 29 j 07:51	12°♉46'28	
direct	-1300 May 31 j 23:17	12°♉29'17	
morning max el	-1300 Jun 11 j 09:42	17°♉19'01	20°14'38
	-1300 Jun 21 j 00:36	0°♊	
asc. node	-1300 Jun 23 j 14:41	4°♊31'51	
morning set	-1300 Jun 29 j 18:36	16°♊31'33	
	-1300 Jul 06 j 08:34	0°♋	
superior conj	-1300 Jul 07 j 13:10	2°♋24'44	1°44'06
minimum elong	-1300 Jul 07 j 11:41	2°♋17'13	1°44'03
max. Earth dist.	-1300 Jul 12 j 16:24	12°♋31'53	1.36506 AU
evening rise	-1300 Jul 16 j 16:47	20°♋04'09	
	-1300 Jul 22 j 07:13	0°♌	
desc. node	-1300 Aug 03 j 03:58	18°♌53'46	
	-1300 Aug 11 j 03:23	0°♍	
evening max el	-1300 Aug 21 j 11:08	11°♍56'43	25°56'33
retrograde	-1300 Sep 02 j 21:26	19°♍02'31	
evening set	-1300 Sep 09 j 02:13	16°♍26'19	
min. Earth dist.	-1300 Sep 13 j 08:55	11°♍47'17	0.66620 AU
inferior conj	-1300 Sep 14 j 16:08	10°♍08'53	-1°-38'-54
minimum elong	-1300 Sep 14 j 18:34	10°♍01'11	1°37'55
asc. node	-1300 Sep 19 j 13:52	4°♍51'03	
morning rise	-1300 Sep 20 j 11:44	4°♍13'31	
direct	-1300 Sep 23 j 15:31	3°♍16'08	
morning max el	-1300 Sep 30 j 15:15	7°♍12'23	19°05'37
	-1300 Oct 16 j 20:51	0°♎	
morning set	-1300 Oct 23 j 03:17	9°♎48'51	
desc. node	-1300 Oct 30 j 03:19	20°♎47'42	
	-1300 Nov 05 j 00:02	0°♏	
max. Earth dist.	-1300 Nov 06 j 19:28	2°♏51'02	1.44770 AU
superior conj	-1300 Nov 08 j 18:43	5°♏57'32	0°-59'-55
minimum elong	-1300 Nov 08 j 11:37	5°♏29'28	0°59'05
evening rise	-1300 Nov 23 j 21:21	0°♐15'01	
	-1300 Nov 23 j 17:41	0°♐	
	-1300 Dec 13 j 11:55	0°♑	
evening max el	-1300 Dec 14 j 00:25	0°♑32'55	18°37'22
asc. node	-1300 Dec 16 j 13:05	2°♑45'03	
retrograde	-1300 Dec 20 j 16:13	4°♑15'40	
evening set	-1300 Dec 23 j 16:36	3°♑24'31	
	-1300 Dec 27 j 15:45	30°℞♐	
inferior conj	-1300 Dec 29 j 14:13	27°♐45'37	3°30'25
minimum elong	-1300 Dec 29 j 11:40	27°♐53'13	3°29'57
min. Earth dist.	-1300 Dec 31 j 12:09	25°♐28'45	0.64773 AU
morning rise	-1299 Jan 04 j 05:31	21°♐38'10	
direct	-1299 Jan 10 j 23:57	18°♐47'00	
morning max el	-1299 Jan 24 j 08:20	26°♐30'55	27°10'49
desc. node	-1299 Jan 26 j 02:31	28°♐20'09	
	-1299 Jan 27 j 14:47	0°♑	
	-1299 Feb 17 j 16:06	0°♒	
morning set	-1299 Feb 28 j 19:13	20°♒07'21	
max. Earth dist.	-1299 Mar 05 j 12:22	29°♒31'28	1.33955 AU
	-1299 Mar 05 j 17:57	0°♓	
superior conj	-1299 Mar 09 j 00:24	6°♓47'40	0°-55'-6
minimum elong	-1299 Mar 09 j 02:57	7°♓01'03	0°54'39
asc. node	-1299 Mar 14 j 12:25	18°♓27'14	
evening rise	-1299 Mar 16 j 09:41	22°♓25'13	
	-1299 Mar 20 j 02:53	0°♈	
evening max el	-1299 Apr 06 j 00:59	25°♈35'40	21°52'11
	-1299 Apr 11 j 23:30	0°♉	
retrograde	-1299 Apr 18 j 13:25	1°♉41'47	
evening set	-1299 Apr 21 j 05:04	1°♉26'04	
desc. node	-1299 Apr 24 j 01:39	0°♉36'48	
	-1299 Apr 25 j 13:24	30°℞♈	
min. Earth dist.	-1299 Apr 30 j 05:53	27°♈33'25	0.55100 AU
inferior conj	-1299 Apr 30 j 14:08	27°♈21'50	-1°-49'-2
minimum elong	-1299 Apr 30 j 09:11	27°♈28'47	1°47'23
morning rise	-1299 May 09 j 14:29	23°♈24'55	
direct	-1299 May 12 j 12:14	23°♈06'10	
morning max el	-1299 May 24 j 14:48	28°♈48'09	21°39'11
	-1299 May 25 j 20:16	0°♉	
asc. node	-1299 Jun 10 j 11:43	23°♉56'07	
	-1299 Jun 13 j 12:00	0°♊	
morning set	-1299 Jun 14 j 03:22	1°♊19'18	
superior conj	-1299 Jun 21 j 12:40	16°♊49'24	1°33'40
minimum elong	-1299 Jun 21 j 10:19	16°♊37'12	1°33'27
max. Earth dist.	-1299 Jun 25 j 05:20	24°♊25'08	1.34945 AU
	-1299 Jun 28 j 00:37	0°♋	
evening rise	-1299 Jun 29 j 18:56	3°♋25'01	
	-1299 Jul 15 j 03:57	0°♌	
desc. node	-1299 Jul 21 j 01:00	8°♌40'41	
evening max el	-1299 Aug 03 j 22:45	25°♌27'59	26°50'43
	-1299 Aug 09 j 10:33	0°♍	
retrograde	-1299 Aug 17 j 01:00	2°♍45'48	
evening set	-1299 Aug 23 j 18:37	0°♍00'55	
	-1299 Aug 23 j 19:04	30°℞♌	
min. Earth dist.	-1299 Aug 27 j 17:44	25°♌59'46	0.65630 AU
inferior conj	-1299 Aug 29 j 13:21	23°♌51'44	-2°-32'-23
minimum elong	-1299 Aug 29 j 17:00	23°♌41'01	2°31'07
morning rise	-1299 Sep 04 j 16:40	18°♌09'00	
asc. node	-1299 Sep 06 j 10:54	17°♌31'00	
direct	-1299 Sep 07 j 12:34	17°♌24'38	
morning max el	-1299 Sep 14 j 03:22	21°♌02'23	18°24'28
	-1299 Sep 21 j 01:37	0°♍	
morning set	-1299 Oct 03 j 13:21	19°♍55'41	
	-1299 Oct 09 j 18:49	0°♎	
desc. node	-1299 Oct 17 j 00:22	11°♎31'24	
superior conj	-1299 Oct 18 j 18:55	14°♎19'27	0°-11'-30
minimum elong	-1299 Oct 18 j 17:24	14°♎13'27	0°11'20
behind sun begin	-1299 Oct 18 j 09:14	13°♎41'14	
behind sun end	-1299 Oct 19 j 01:34	14°♎45'40	
max. Earth dist.	-1299 Oct 20 j 13:40	17°♎07'54	1.44941 AU
	-1299 Oct 28 j 18:24	0°♏	
evening rise	-1299 Nov 04 j 04:57	10°♏06'30	
	-1299 Nov 16 j 23:09	0°♐	
greatest brilliancy	-1299 Nov 17 j 16:50	1°♐06'40	-0.7m
evening max el	-1299 Nov 27 j 09:30	13°♐59'34	19°18'20
asc. node	-1299 Dec 03 j 10:07	17°♐58'21	
retrograde	-1299 Dec 04 j 12:04	18°♐04'55	
evening set	-1299 Dec 07 j 19:04	17°♐01'45	
inferior conj	-1299 Dec 13 j 10:57	11°♐07'19	2°58'47
minimum elong	-1299 Dec 13 j 08:02	11°♐16'39	2°57'59
min. Earth dist.	-1299 Dec 14 j 18:28	9°♐26'23	0.66017 AU
morning rise	-1299 Dec 18 j 20:10	4°♐54'47	
direct	-1299 Dec 25 j 03:22	2°♐09'20	
morning max el	-1298 Jan 06 j 17:47	9°♐35'18	26°11'09
desc. node	-1298 Jan 12 j 23:34	16°♐36'05	
	-1298 Jan 22 j 21:31	0°♑	
	-1298 Feb 10 j 04:09	0°♒	
morning set	-1298 Feb 11 j 21:12	3°♒09'18	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

max. Earth dist.	-1298 Feb 15 j 22:27	10°♒52'33	1.35333 AU
superior conj	-1298 Feb 20 j 21:39	20°♒47'01	-1°-19'-29
minimum elong	-1298 Feb 21 j 01:04	21°♒04'22	1°19'00
	-1298 Feb 25 j 09:00	0°♓	
evening rise	-1298 Feb 28 j 17:16	6°♓54'52	
asc. node	-1298 Mar 01 j 09:27	8°♓17'37	
	-1298 Mar 13 j 12:58	0°♈	
evening max el	-1298 Mar 19 j 05:10	6°♈45'58	20°29'44
retrograde	-1298 Mar 30 j 02:44	11°♈59'09	
evening set	-1298 Apr 01 j 07:28	11°♈47'18	
inferior conj	-1298 Apr 10 j 09:25	7°♈49'52	0°09'23
minimum elong	-1298 Apr 10 j 09:51	7°♈49'14	0°09'15
transit middle	-1298 Apr 10 j 09:51	7°♈49'14	0°09'15
transit begin	-1298 Apr 10 j 06:33	7°♈54'02	
transit end	-1298 Apr 10 j 13:08	7°♈44'26	
desc. node	-1298 Apr 10 j 22:40	7°♈30'33	
min. Earth dist.	-1298 Apr 11 j 19:47	6°♈59'52	0.55244 AU
morning rise	-1298 Apr 19 j 10:14	3°♈33'48	
direct	-1298 Apr 23 j 00:24	3°♈05'46	
morning max el	-1298 May 06 j 10:21	9°♈38'48	23°16'45
	-1298 May 21 j 06:35	0°♉	
asc. node	-1298 May 28 j 08:46	13°♉40'39	
morning set	-1298 May 29 j 14:39	16°♉15'59	
	-1298 Jun 05 j 00:56	0°♊	
superior conj	-1298 Jun 05 j 18:20	1°♊33'13	1°18'09
minimum elong	-1298 Jun 05 j 15:47	1°♊19'33	1°17'48
max. Earth dist.	-1298 Jun 08 j 04:07	6°♊40'04	1.33761 AU
evening rise	-1298 Jun 13 j 09:56	17°♊25'03	
	-1298 Jun 20 j 01:05	0°♋	
desc. node	-1298 Jul 07 j 21:59	27°♋53'18	
	-1298 Jul 09 j 13:31	0°♌	
evening max el	-1298 Jul 17 j 10:10	8°♌45'50	27°21'07
retrograde	-1298 Jul 30 j 22:54	16°♌06'39	
evening set	-1298 Aug 07 j 01:15	13°♌23'07	
min. Earth dist.	-1298 Aug 10 j 18:07	9°♌58'04	0.64276 AU
inferior conj	-1298 Aug 13 j 03:02	7°♌25'49	-3°-21'-47
minimum elong	-1298 Aug 13 j 07:25	7°♌14'04	3°20'34
morning rise	-1298 Aug 19 j 15:23	1°♌59'00	
direct	-1298 Aug 22 j 05:58	1°♌24'09	
asc. node	-1298 Aug 24 j 07:58	1°♌46'32	
morning max el	-1298 Aug 28 j 18:22	4°♌51'32	18°00'23
	-1298 Sep 14 j 07:39	0°♍	
morning set	-1298 Sep 15 j 02:57	1°♍22'08	
superior conj	-1298 Sep 28 j 07:40	23°♍21'25	0°35'55
minimum elong	-1298 Sep 28 j 11:35	23°♍37'17	0°35'23
	-1298 Oct 02 j 10:50	0°♎	
max. Earth dist.	-1298 Oct 03 j 07:23	1°♎21'49	1.44386 AU
desc. node	-1298 Oct 03 j 21:23	2°♎17'23	
evening rise	-1298 Oct 14 j 16:41	19°♎10'10	
	-1298 Oct 21 j 18:25	0°♏	
greatest brilliancy	-1298 Nov 03 j 23:07	19°♏21'22	-0.6m
evening max el	-1298 Nov 10 j 13:53	27°♏27'12	20°14'41
	-1298 Nov 13 j 09:33	0°♐	
retrograde	-1298 Nov 18 j 09:28	2°♐02'49	
asc. node	-1298 Nov 20 j 07:10	1°♐42'01	
evening set	-1298 Nov 22 j 01:09	0°♐45'19	
	-1298 Nov 22 j 23:53	30°℞♏	
inferior conj	-1298 Nov 27 j 13:11	24°♏38'26	2°18'38
minimum elong	-1298 Nov 27 j 10:30	24°♏47'25	2°17'42
min. Earth dist.	-1298 Nov 28 j 07:45	23°♏36'04	0.66885 AU
morning rise	-1298 Dec 02 j 19:19	18°♏23'10	
direct	-1298 Dec 08 j 12:08	15°♏53'17	
morning max el	-1298 Dec 20 j 02:13	22°♏47'12	24°52'59
	-1298 Dec 26 j 11:09	0°♐	
desc. node	-1298 Dec 30 j 20:37	5°♐40'16	
	-1297 Jan 16 j 05:44	0°♑	
morning set	-1297 Jan 25 j 04:49	15°♑11'51	
max. Earth dist.	-1297 Jan 28 j 22:00	21°♑55'09	1.37135 AU
	-1297 Feb 02 j 05:02	0°♒	
superior conj	-1297 Feb 04 j 09:03	4°♒12'08	-1°-40'-20
minimum elong	-1297 Feb 04 j 12:37	4°♒29'35	1°39'59
evening rise	-1297 Feb 12 j 19:38	21°♒02'44	
asc. node	-1297 Feb 16 j 06:29	27°♒50'54	
	-1297 Feb 17 j 09:30	0°♓	
evening max el	-1297 Mar 01 j 20:22	18°♓33'14	19°24'33
retrograde	-1297 Mar 11 j 01:15	22°♓57'31	
evening set	-1297 Mar 13 j 06:36	22°♓43'15	
inferior conj	-1297 Mar 21 j 16:09	18°♓36'08	1°55'22
minimum elong	-1297 Mar 21 j 20:20	18°♓29'16	1°54'06
min. Earth dist.	-1297 Mar 24 j 10:27	16°♓48'15	0.56294 AU
desc. node	-1297 Mar 28 j 19:42	14°♓23'35	
morning rise	-1297 Mar 30 j 06:18	13°♓49'27	
direct	-1297 Apr 03 j 22:26	12°♓59'47	
morning max el	-1297 Apr 18 j 01:10	20°♓10'01	24°56'19
	-1297 Apr 26 j 10:03	0°♈	
	-1297 May 13 j 12:14	0°♉	
morning set	-1297 May 14 j 02:45	1°♉16'06	
asc. node	-1297 May 15 j 05:50	3°♉39'25	
superior conj	-1297 May 21 j 03:53	16°♉28'33	0°58'45
minimum elong	-1297 May 21 j 01:38	16°♉16'21	0°58'22
max. Earth dist.	-1297 May 22 j 11:14	19°♉18'41	1.32952 AU
	-1297 May 27 j 12:06	0°♊	
evening rise	-1297 May 28 j 10:00	1°♊52'35	
	-1297 Jun 12 j 22:52	0°♋	
desc. node	-1297 Jun 24 j 18:58	16°♋17'28	
evening max el	-1297 Jun 29 j 19:15	21°♋37'29	27°21'43
retrograde	-1297 Jul 13 j 14:23	28°♋56'50	
evening set	-1297 Jul 20 j 18:36	26°♋27'22	
min. Earth dist.	-1297 Jul 24 j 08:32	23°♋31'48	0.62571 AU
inferior conj	-1297 Jul 27 j 06:22	20°♋45'08	-4°-3'-14
minimum elong	-1297 Jul 27 j 10:32	20°♋35'09	4°02'26
morning rise	-1297 Aug 03 j 04:52	15°♋37'38	
direct	-1297 Aug 05 j 16:36	15°♋09'29	
asc. node	-1297 Aug 11 j 05:04	17°♋29'59	
morning max el	-1297 Aug 12 j 09:35	18°♋34'42	17°54'23
	-1297 Aug 20 j 16:19	0°♌	
morning set	-1297 Aug 28 j 14:57	13°♌53'19	
	-1297 Sep 06 j 18:38	0°♍	
superior conj	-1297 Sep 08 j 22:35	3°♍41'47	1°12'33
minimum elong	-1297 Sep 09 j 03:48	4°♍03'56	1°12'00
max. Earth dist.	-1297 Sep 15 j 22:02	15°♍16'41	1.43182 AU
desc. node	-1297 Sep 20 j 18:24	23°♍03'04	
evening rise	-1297 Sep 23 j 23:10	28°♍04'21	
	-1297 Sep 25 j 04:57	0°♎	
	-1297 Oct 15 j 14:23	0°♏	
greatest brilliancy	-1297 Oct 19 j 10:04	5°♏01'19	-0.4m
evening max el	-1297 Oct 24 j 12:28	10°♏55'01	21°23'31
retrograde	-1297 Nov 02 j 06:28	16°♏06'48	
evening set	-1297 Nov 06 j 08:56	14°♏32'46	
asc. node	-1297 Nov 07 j 04:14	13°♏51'57	
inferior conj	-1297 Nov 11 j 18:44	8°♏16'41	1°32'15
minimum elong	-1297 Nov 11 j 16:45	8°♏23'31	1°31'27
min. Earth dist.	-1297 Nov 12 j 01:46	7°♏52'28	0.67399 AU
morning rise	-1297 Nov 17 j 00:16	2°♏00'56	
	-1297 Nov 20 j 18:40	30°℞♎	
direct	-1297 Nov 22 j 01:38	29°♎52'04	
	-1297 Nov 23 j 09:36	0°♏	
morning max el	-1297 Dec 02 j 11:15	6°♏03'40	23°26'18

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

greatest brilliancy	-1297 Dec 08 j 03:17	12°♏28'20	-0.2m
desc. node	-1297 Dec 17 j 17:41	25°♏18'53	
	-1297 Dec 20 j 23:29	0°♐	
morning set	-1296 Jan 06 j 11:51	25°♐58'54	
	-1296 Jan 08 j 20:32	0°♑	
max. Earth dist.	-1296 Jan 10 j 17:29	3°♑14'46	1.39204 AU
superior conj	-1296 Jan 18 j 06:34	16°♑52'26	-1°-54'-56
minimum elong	-1296 Jan 18 j 09:01	17°♑03'52	1°54'51
	-1296 Jan 25 j 03:52	0°♒	
evening rise	-1296 Jan 27 j 14:10	4°♒42'12	
asc. node	-1296 Feb 03 j 03:32	17°♒01'08	
	-1296 Feb 11 j 23:24	0°♓	
evening max el	-1296 Feb 12 j 21:10	0°♓55'18	18°39'07
retrograde	-1296 Feb 20 j 17:54	4°♓44'55	
evening set	-1296 Feb 23 j 03:09	4°♓25'04	
inferior conj	-1296 Mar 01 j 18:40	29°♒59'10	3°07'56
minimum elong	-1296 Mar 01 j 22:49	29°♒51'14	3°07'03
	-1296 Mar 01 j 18:14	30°℞♒	
min. Earth dist.	-1296 Mar 05 j 03:31	27°♒26'06	0.58009 AU
morning rise	-1296 Mar 09 j 14:34	24°♒42'09	
desc. node	-1296 Mar 14 j 16:47	23°♒19'41	
direct	-1296 Mar 15 j 09:43	23°♒18'26	
	-1296 Mar 28 j 20:06	0°♓	
morning max el	-1296 Mar 29 j 17:33	0°♓50'49	26°22'40
	-1296 Apr 19 j 07:47	0°♈	
morning set	-1296 Apr 27 j 13:57	16°♈13'13	
asc. node	-1296 May 01 j 02:52	23°♈46'47	
	-1296 May 03 j 23:13	0°♉	
superior conj	-1296 May 04 j 15:19	1°♉28'19	0°36'24
minimum elong	-1296 May 04 j 13:47	1°♉19'53	0°36'06
max. Earth dist.	-1296 May 04 j 23:10	2°♉11'17	1.32508 AU
evening rise	-1296 May 11 j 16:08	16°♉37'13	
	-1296 May 18 j 10:15	0°♊	
	-1296 Jun 07 j 07:07	0°♋	
desc. node	-1296 Jun 10 j 16:01	3°♋32'03	
evening max el	-1296 Jun 10 j 23:08	3°♋49'09	26°49'21
retrograde	-1296 Jun 24 j 22:32	11°♋06'23	
evening set	-1296 Jul 01 j 18:11	9°♋04'37	
min. Earth dist.	-1296 Jul 05 j 12:40	6°♋25'17	0.60596 AU
inferior conj	-1296 Jul 08 j 19:48	3°♋39'50	-4°-30'-44
minimum elong	-1296 Jul 08 j 22:10	3°♋34'51	4°30'31
	-1296 Jul 13 j 18:43	30°℞♊	
morning rise	-1296 Jul 16 j 05:18	28°♊54'32	
direct	-1296 Jul 18 j 16:19	28°♊31'04	
	-1296 Jul 23 j 08:19	0°♋	
morning max el	-1296 Jul 25 j 22:02	2°♋03'38	18°07'25
asc. node	-1296 Jul 28 j 02:08	4°♋25'22	
morning set	-1296 Aug 10 j 19:28	27°♋12'03	
	-1296 Aug 12 j 07:24	0°♌	
superior conj	-1296 Aug 20 j 16:12	15°♌21'31	1°35'39
minimum elong	-1296 Aug 20 j 19:51	15°♌37'45	1°35'23
max. Earth dist.	-1296 Aug 28 j 06:58	28°♌33'52	1.41479 AU
	-1296 Aug 29 j 03:31	0°♍	
evening rise	-1296 Sep 02 j 18:37	7°♍35'44	
desc. node	-1296 Sep 06 j 15:24	13°♍44'37	
	-1296 Sep 17 j 09:28	0°♎	
greatest brilliancy	-1296 Oct 01 j 08:16	18°♎54'58	-0.3m
evening max el	-1296 Oct 06 j 05:18	24°♎22'55	22°40'54
	-1296 Oct 14 j 08:12	0°♏	
retrograde	-1296 Oct 16 j 01:24	0°♏13'39	
	-1296 Oct 17 j 16:59	30°℞♎	
evening set	-1296 Oct 20 j 16:35	28°♎21'27	
asc. node	-1296 Oct 24 j 01:19	24°♎43'19	
inferior conj	-1296 Oct 26 j 01:39	21°♎59'54	0°41'26
minimum elong	-1296 Oct 26 j 00:41	22°♎03'12	0°41'01
min. Earth dist.	-1296 Oct 25 j 22:08	22°♎12'03	0.67585 AU
morning rise	-1296 Oct 31 j 08:45	15°♎46'02	
direct	-1296 Nov 04 j 19:05	13°♎59'41	
morning max el	-1296 Nov 13 j 23:56	19°♎25'55	22°00'17
greatest brilliancy	-1296 Nov 18 j 18:17	24°♎49'18	-0.4m
	-1296 Nov 22 j 18:54	0°♏	
desc. node	-1296 Dec 03 j 14:45	15°♏21'53	
	-1296 Dec 13 j 04:47	0°♐	
morning set	-1296 Dec 16 j 13:54	5°♐21'56	
max. Earth dist.	-1296 Dec 22 j 16:01	15°♐19'52	1.41273 AU
superior conj	-1296 Dec 30 j 09:03	28°♐34'50	-1°-59'-41
minimum elong	-1296 Dec 30 j 08:33	28°♐32'38	1°59'44
	-1296 Dec 31 j 04:17	0°♑	
evening rise	-1295 Jan 09 j 21:34	17°♑45'22	
	-1295 Jan 16 j 14:54	0°♒	
asc. node	-1295 Jan 20 j 00:35	5°♒40'39	
evening max el	-1295 Jan 26 j 04:50	13°♒44'40	18°13'50
retrograde	-1295 Feb 02 j 04:49	17°♒15'29	
evening set	-1295 Feb 04 j 18:01	16°♒48'20	
inferior conj	-1295 Feb 11 j 17:51	12°♒01'05	3°45'16
minimum elong	-1295 Feb 11 j 19:50	11°♒56'41	3°45'04
min. Earth dist.	-1295 Feb 15 j 01:54	9°♒04'41	0.60045 AU
morning rise	-1295 Feb 18 j 18:28	6°♒21'48	
direct	-1295 Feb 25 j 09:22	4°♒19'51	
desc. node	-1295 Mar 01 j 13:52	5°♒05'41	
morning max el	-1295 Mar 11 j 15:35	12°♒04'27	27°21'45
	-1295 Mar 25 j 18:15	0°♓	
	-1295 Apr 11 j 10:40	0°♈	
morning set	-1295 Apr 11 j 22:32	1°♈01'14	
asc. node	-1295 Apr 17 j 23:55	13°♈58'36	
max. Earth dist.	-1295 Apr 18 j 12:09	15°♈05'31	1.32421 AU
superior conj	-1295 Apr 19 j 03:00	16°♈26'46	0°11'55
minimum elong	-1295 Apr 19 j 02:27	16°♈23'49	0°11'48
behind sun begin	-1295 Apr 18 j 23:06	16°♈05'23	
behind sun end	-1295 Apr 19 j 05:49	16°♈42'15	
	-1295 Apr 25 j 08:46	0°♉	
evening rise	-1295 Apr 26 j 02:01	1°♉31'15	
	-1295 May 11 j 15:12	0°♊	
evening max el	-1295 May 23 j 20:18	15°♊16'08	25°45'55
desc. node	-1295 May 28 j 13:02	19°♊08'25	
retrograde	-1295 Jun 06 j 21:56	22°♊29'21	
evening set	-1295 Jun 12 j 19:59	21°♊05'24	
min. Earth dist.	-1295 Jun 17 j 08:39	18°♊24'10	0.58543 AU
inferior conj	-1295 Jun 20 j 15:45	16°♊00'41	-4°-35'00
minimum elong	-1295 Jun 20 j 14:28	16°♊03'01	4°34'56
morning rise	-1295 Jun 28 j 12:47	11°♊38'03	
direct	-1295 Jul 01 j 00:36	11°♊17'58	
morning max el	-1295 Jul 09 j 04:43	15°♊09'48	18°40'30
asc. node	-1295 Jul 14 j 23:11	22°♊17'40	
	-1295 Jul 19 j 14:35	0°♋	
morning set	-1295 Jul 25 j 11:52	11°♋06'15	
superior conj	-1295 Aug 03 j 07:28	28°♋06'10	1°46'24
minimum elong	-1295 Aug 03 j 08:45	28°♋12'15	1°46'23
	-1295 Aug 04 j 07:46	0°♌	
max. Earth dist.	-1295 Aug 10 j 10:29	11°♌05'28	1.39513 AU
evening rise	-1295 Aug 14 j 14:02	18°♌15'12	
	-1295 Aug 21 j 18:20	0°♍	
desc. node	-1295 Aug 24 j 12:25	4°♍18'13	
	-1295 Sep 11 j 18:43	0°♎	
evening max el	-1295 Sep 18 j 18:08	7°♎53'26	24°01'19
retrograde	-1295 Sep 29 j 17:03	14°♎20'10	
evening set	-1295 Oct 04 j 22:25	12°♎09'29	
inferior conj	-1295 Oct 10 j 08:11	5°♎46'23	0°-12'-14

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1295	Oct	10 j	08:29	5°♎45'23	0°12'07	max. Earth dist.	-1294	Jul	23 j	13:17	23°♋03'24	1.37547 AU
transit middle	-1295	Oct	10 j	08:29	5°♎45'23	0°12'07	evening rise	-1294	Jul	27 j	10:14	0°♌06'40	
transit begin	-1295	Oct	10 j	06:39	5°♎51'34			-1294	Jul	27 j	08:44	0°♌	
transit end	-1295	Oct	10 j	10:18	5°♎39'13		desc. node	-1294	Aug	11 j	09:25	24°♌39'09	
min. Earth dist.	-1295	Oct	09 j	18:24	6°♎33'08	0.67459 AU		-1294	Aug	15 j	00:32	0°♍	
asc. node	-1295	Oct	10 j	22:23	4°♎58'25		evening max el	-1294	Sep	01 j	05:31	21°♍28'07	25°17'42
	-1295	Oct	15 j	07:06	30°℞♍		retrograde	-1294	Sep	13 j	04:22	28°♍22'28	
morning rise	-1295	Oct	15 j	18:45	29°♍37'09		evening set	-1294	Sep	19 j	00:39	25°♍54'45	
direct	-1295	Oct	19 j	15:37	28°♍12'04		min. Earth dist.	-1294	Sep	23 j	12:07	20°♍54'00	0.67018 AU
	-1295	Oct	24 j	09:46	0°♎		inferior conj	-1294	Sep	24 j	12:36	19°♍34'14	-1°-7'-14
morning max el	-1295	Oct	27 j	19:03	2°♎56'45	20°42'08	minimum elong	-1294	Sep	24 j	14:16	19°♍28'49	1°06'33
greatest brilliancy	-1295	Nov	02 j	19:42	10°♎04'24	-0.5m	asc. node	-1294	Sep	27 j	19:25	15°♍35'33	
	-1295	Nov	16 j	17:28	0°♏		morning rise	-1294	Sep	30 j	04:25	13°♍32'40	
desc. node	-1295	Nov	20 j	11:46	5°♏42'10		direct	-1294	Oct	03 j	13:49	12°♍26'03	
morning set	-1295	Nov	25 j	15:58	13°♏40'29		morning max el	-1294	Oct	10 j	21:42	16°♍37'17	19°36'35
max. Earth dist.	-1295	Dec	04 j	21:31	28°♏18'20	1.43067 AU	greatest brilliancy	-1294	Oct	19 j	10:18	27°♍26'32	-0.6m
	-1295	Dec	05 j	22:35	0°♐			-1294	Oct	21 j	04:39	0°♎	
							morning set	-1294	Nov	04 j	14:35	21°♎57'43	
superior conj	-1295	Dec	11 j	11:02	9°♐06'26	-1°-50'-17	desc. node	-1294	Nov	07 j	08:48	26°♎14'52	
minimum elong	-1295	Dec	11 j	06:05	8°♐45'44	1°50'02		-1294	Nov	09 j	18:34	0°♏	
evening rise	-1295	Dec	23 j	13:50	0°♑03'12		max. Earth dist.	-1294	Nov	17 j	10:22	12°♏02'44	1.44343 AU
	-1295	Dec	23 j	13:06	0°♑								
asc. node	-1294	Jan	06 j	21:38	23°♑39'11		superior conj	-1294	Nov	21 j	10:02	18°♏24'20	-1°-23'-16
evening max el	-1294	Jan	09 j	16:22	26°♑52'15	18°08'13	minimum elong	-1294	Nov	21 j	02:08	17°♏52'39	1°22'29
	-1294	Jan	14 j	08:04	0°♒			-1294	Nov	28 j	13:17	0°♐	
retrograde	-1294	Jan	16 j	06:07	0°♒18'14		evening rise	-1294	Dec	05 j	10:34	11°♐28'12	
	-1294	Jan	18 j	04:30	30°℞♑			-1294	Dec	16 j	14:54	0°♑	
evening set	-1294	Jan	18 j	23:10	29°♑42'40		evening max el	-1294	Dec	24 j	04:57	10°♑11'21	18°21'30
inferior conj	-1294	Jan	25 j	10:34	24°♑34'09	3°54'32	asc. node	-1294	Dec	24 j	18:40	10°♑45'02	
minimum elong	-1294	Jan	25 j	10:12	24°♑35'04	3°54'31	retrograde	-1294	Dec	30 j	17:34	13°♑44'38	
min. Earth dist.	-1294	Jan	28 j	08:04	21°♑38'52	0.62086 AU	evening set	-1293	Jan	02 j	15:01	12°♑59'27	
morning rise	-1294	Jan	31 j	18:59	18°♑40'32		inferior conj	-1293	Jan	08 j	16:55	7°♑30'59	3°43'32
direct	-1294	Feb	07 j	18:55	16°♑07'57		minimum elong	-1293	Jan	08 j	14:56	7°♑36'38	3°43'15
desc. node	-1294	Feb	16 j	10:55	19°♑24'05		min. Earth dist.	-1293	Jan	10 j	23:39	4°♑56'35	0.63899 AU
morning max el	-1294	Feb	21 j	19:30	23°♑57'42	27°45'30	morning rise	-1293	Jan	14 j	13:21	1°♑27'56	
	-1294	Feb	27 j	06:44	0°♒			-1293	Jan	16 j	16:13	30°℞♐	
	-1294	Mar	19 j	00:27	0°♓		direct	-1293	Jan	21 j	12:10	28°♐39'12	
morning set	-1294	Mar	27 j	02:22	15°♓31'56			-1293	Jan	26 j	17:27	0°♑	
max. Earth dist.	-1294	Apr	01 j	22:16	27°♓46'40	1.32699 AU	desc. node	-1293	Feb	03 j	08:00	5°♑39'21	
	-1294	Apr	02 j	22:57	0°♈		morning max el	-1293	Feb	04 j	03:30	6°♑26'59	27°32'52
								-1293	Feb	22 j	04:45	0°♒	
superior conj	-1294	Apr	03 j	13:09	1°♈17'03	0°-13'-57	morning set	-1293	Mar	10 j	22:57	29°♒36'48	
minimum elong	-1294	Apr	03 j	13:48	1°♈20'35	0°13'50		-1293	Mar	11 j	03:38	0°♓	
behind sun begin	-1294	Apr	03 j	11:17	1°♈06'51		max. Earth dist.	-1293	Mar	16 j	01:40	10°♓02'10	1.33378 AU
behind sun end	-1294	Apr	03 j	16:20	1°♈34'18								
asc. node	-1294	Apr	04 j	20:57	4°♈09'56		superior conj	-1293	Mar	18 j	20:02	15°♓53'02	0°-40'-13
evening rise	-1294	Apr	10 j	13:35	16°♈26'47		minimum elong	-1293	Mar	18 j	21:55	16°♓03'05	0°39'52
	-1294	Apr	17 j	07:58	0°♉		asc. node	-1293	Mar	22 j	17:58	24°♓16'43	
evening max el	-1294	May	05 j	12:15	26°♉06'45	24°19'59		-1293	Mar	25 j	10:23	0°♈	
	-1294	May	10 j	06:38	0°♊		evening rise	-1293	Mar	26 j	01:05	1°♈17'27	
desc. node	-1294	May	15 j	10:03	2°♊30'30			-1293	Apr	11 j	07:27	0°♉	
retrograde	-1294	May	19 j	09:57	3°♊07'04		evening max el	-1293	Apr	17 j	04:04	6°♉43'57	22°45'05
evening set	-1294	May	23 j	23:45	2°♊20'13		retrograde	-1293	Apr	30 j	08:49	13°♉14'35	
	-1294	May	28 j	21:57	30°℞♉		desc. node	-1293	May	02 j	07:06	13°♉06'21	
min. Earth dist.	-1294	May	29 j	23:50	29°♉20'59	0.56713 AU	evening set	-1293	May	03 j	14:19	12°♉51'47	
inferior conj	-1294	Jun	01 j	15:42	27°♉39'54	-4°-4'-8	min. Earth dist.	-1293	May	11 j	13:02	9°♉22'53	0.55457 AU
minimum elong	-1294	Jun	01 j	10:14	27°♉48'37	4°03'12	inferior conj	-1293	May	12 j	20:59	8°♉37'06	-2°-49'-37
morning rise	-1294	Jun	10 j	00:36	23°♉36'09		minimum elong	-1293	May	12 j	14:19	8°♉46'41	2°47'42
direct	-1294	Jun	12 j	14:13	23°♉18'20		morning rise	-1293	May	21 j	16:52	4°♉42'27	
morning max el	-1294	Jun	22 j	02:42	27°♉43'25	19°34'22	direct	-1293	May	24 j	10:23	4°♉25'02	
	-1294	Jun	24 j	07:34	0°♊		morning max el	-1293	Jun	04 j	13:57	9°♉36'20	20°48'32
asc. node	-1294	Jul	01 j	20:13	10°♊53'50		asc. node	-1293	Jun	18 j	17:15	0°♊03'09	
morning set	-1294	Jul	09 j	12:40	25°♊27'00			-1293	Jun	18 j	16:35	0°♊	
	-1294	Jul	11 j	18:55	0°♋		morning set	-1293	Jun	23 j	19:10	10°♊06'52	
superior conj	-1294	Jul	17 j	14:41	11°♋39'46	1°47'14	superior conj	-1293	Jul	01 j	09:16	25°♊48'45	1°40'22
minimum elong	-1294	Jul	17 j	14:01	11°♋36'27	1°47'14	minimum elong	-1293	Jul	01 j	07:20	25°♊38'49	1°40'15

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1293 Jul	03 j 10:44	0°♋	
max. Earth dist.	-1293 Jul	05 j 21:31	4°♋52'28	1.35799 AU
evening rise	-1293 Jul	10 j 02:54	12°♋58'43	
	-1293 Jul	19 j 19:05	0°♌	
desc. node	-1293 Jul	29 j 06:24	14°♌40'47	
	-1293 Aug	09 j 23:11	0°♍	
evening max el	-1293 Aug	14 j 17:03	5°♍03'02	26°22'11
retrograde	-1293 Aug	27 j 10:42	12°♍14'26	
evening set	-1293 Sep	02 j 21:17	9°♍33'51	
min. Earth dist.	-1293 Sep	07 j 00:46	5°♍10'50	0.66242 AU
inferior conj	-1293 Sep	08 j 13:02	3°♍19'42	-2°-1'-53
minimum elong	-1293 Sep	08 j 16:01	3°♍10'32	2°00'45
	-1293 Sep	11 j 10:06	30°℞♌	
morning rise	-1293 Sep	14 j 11:43	27°♌29'11	
asc. node	-1293 Sep	14 j 16:27	27°♌22'40	
direct	-1293 Sep	17 j 11:57	26°♌37'37	
	-1293 Sep	23 j 20:58	0°♍	
morning max el	-1293 Sep	24 j 06:55	0°♍24'40	18°46'08
	-1293 Oct	14 j 13:14	0°♎	
morning set	-1293 Oct	15 j 08:34	1°♎16'50	
desc. node	-1293 Oct	25 j 05:48	16°♎55'18	
max. Earth dist.	-1293 Oct	31 j 04:02	26°♎14'57	1.44939 AU
superior conj	-1293 Oct	31 j 12:58	26°♎50'06	0°-40'-6
minimum elong	-1293 Oct	31 j 07:47	26°♎29'43	0°39'28
	-1293 Nov	02 j 13:12	0°♏	
evening rise	-1293 Nov	16 j 07:59	21°♏53'46	
	-1293 Nov	21 j 09:02	0°♐	
evening max el	-1293 Dec	07 j 15:57	23°♐36'11	18°52'44
asc. node	-1293 Dec	11 j 15:42	26°♐43'48	
retrograde	-1293 Dec	14 j 11:18	27°♐27'11	
evening set	-1293 Dec	17 j 14:23	26°♐30'58	
inferior conj	-1293 Dec	23 j 09:18	20°♐44'58	3°18'13
minimum elong	-1293 Dec	23 j 06:31	20°♐53'35	3°17'35
min. Earth dist.	-1293 Dec	25 j 00:51	18°♐43'08	0.65356 AU
morning rise	-1293 Dec	28 j 21:39	14°♐35'18	
direct	-1292 Jan	04 j 11:51	11°♐45'22	
morning max el	-1292 Jan	17 j 13:10	19°♐22'21	26°48'20
desc. node	-1292 Jan	21 j 05:03	23°♐18'36	
	-1292 Jan	26 j 15:32	0°♑	
	-1292 Feb	15 j 05:01	0°♒	
morning set	-1292 Feb	22 j 09:00	13°♒05'42	
max. Earth dist.	-1292 Feb	26 j 19:00	21°♒44'39	1.34492 AU
superior conj	-1292 Mar	01 j 21:33	0°♓08'15	-1°-5'-45
minimum elong	-1292 Mar	02 j 00:31	0°♓23'40	1°05'15
	-1292 Mar	01 j 19:58	0°♓	
asc. node	-1292 Mar	08 j 15:01	14°♓14'51	
evening rise	-1292 Mar	09 j 10:42	15°♓57'14	
	-1292 Mar	16 j 14:23	0°♈	
evening max el	-1292 Mar	29 j 02:22	17°♈36'22	21°15'12
retrograde	-1292 Apr	09 j 22:57	23°♈20'34	
evening set	-1292 Apr	12 j 08:21	23°♈07'23	
desc. node	-1292 Apr	18 j 04:08	21°♈01'41	
inferior conj	-1292 Apr	21 j 15:59	19°♈08'05	0°-59'-22
minimum elong	-1292 Apr	21 j 13:11	19°♈12'02	0°58'22
min. Earth dist.	-1292 Apr	22 j 02:11	18°♈53'42	0.55045 AU
morning rise	-1292 Apr	30 j 17:55	15°♈05'39	
direct	-1292 May	03 j 21:23	14°♈44'11	
morning max el	-1292 May	16 j 14:36	20°♈48'07	22°19'42
	-1292 May	24 j 08:21	0°♉	
asc. node	-1292 Jun	04 j 14:18	19°♉37'27	
morning set	-1292 Jun	07 j 05:18	25°♉00'01	
	-1292 Jun	09 j 14:21	0°♊	
superior conj	-1292 Jun	14 j 11:45	10°♊23'13	1°27'37
minimum elong	-1292 Jun	14 j 09:15	10°♊10'01	1°27'21
max. Earth dist.	-1292 Jun	17 j 14:59	16°♊55'47	1.34393 AU
evening rise	-1292 Jun	22 j 11:05	26°♊38'13	
	-1292 Jun	24 j 04:59	0°♋	
	-1292 Jul	12 j 03:01	0°♌	
desc. node	-1292 Jul	15 j 03:25	4°♌14'58	
evening max el	-1292 Jul	27 j 04:46	18°♌30'16	27°06'54
retrograde	-1292 Aug	09 j 11:43	25°♌49'41	
evening set	-1292 Aug	16 j 09:54	23°♌03'47	
min. Earth dist.	-1292 Aug	20 j 06:05	19°♌18'44	0.65105 AU
inferior conj	-1292 Aug	22 j 07:21	16°♌59'32	-2°-54'-1
minimum elong	-1292 Aug	22 j 11:24	16°♌48'05	2°52'43
morning rise	-1292 Aug	28 j 14:23	11°♌23'21	
direct	-1292 Aug	31 j 07:47	10°♌43'21	
asc. node	-1292 Aug	31 j 13:30	10°♌43'40	
morning max el	-1292 Sep	06 j 20:38	14°♌15'20	18°12'08
	-1292 Sep	18 j 00:33	0°♍	
morning set	-1292 Sep	25 j 06:42	11°♍58'56	
	-1292 Oct	06 j 07:24	0°♎	
superior conj	-1292 Oct	09 j 15:54	5°♎21'40	0°09'29
minimum elong	-1292 Oct	09 j 17:05	5°♎26'23	0°09'19
behind sun begin	-1292 Oct	09 j 08:03	4°♎50'23	
behind sun end	-1292 Oct	10 j 02:08	6°♎02'19	
desc. node	-1292 Oct	11 j 02:49	7°♎40'16	
max. Earth dist.	-1292 Oct	12 j 22:49	10°♎34'16	1.44793 AU
	-1292 Oct	25 j 08:54	0°♏	
evening rise	-1292 Oct	26 j 06:03	1°♏22'11	
greatest brilliancy	-1292 Nov	11 j 21:50	26°♏45'22	-0.7m
	-1292 Nov	14 j 05:11	0°♐	
evening max el	-1292 Nov	19 j 23:10	7°♐03'09	19°40'31
retrograde	-1292 Nov	27 j 08:14	11°♐20'45	
asc. node	-1292 Nov	27 j 12:45	11°♐20'33	
evening set	-1292 Nov	30 j 18:41	10°♐11'39	
inferior conj	-1292 Dec	06 j 08:41	4°♐11'12	2°42'39
minimum elong	-1292 Dec	06 j 05:49	4°♐20'39	2°41'46
min. Earth dist.	-1292 Dec	07 j 10:24	2°♐46'52	0.66428 AU
	-1292 Dec	09 j 16:20	30°℞♏	
morning rise	-1292 Dec	11 j 16:15	27°♏57'11	
direct	-1292 Dec	17 j 17:26	25°♏17'44	
	-1292 Dec	27 j 05:48	0°♐	
morning max el	-1292 Dec	29 j 22:27	2°♐31'49	25°39'40
desc. node	-1291 Jan	07 j 02:06	11°♐57'08	
	-1291 Jan	19 j 19:51	0°♑	
morning set	-1291 Feb	04 j 03:57	25°♑44'49	
	-1291 Feb	06 j 11:09	0°♒	
max. Earth dist.	-1291 Feb	08 j 00:33	2°♒56'30	1.36054 AU
superior conj	-1291 Feb	13 j 15:03	13°♒54'19	-1°-28'-54
minimum elong	-1291 Feb	13 j 18:38	14°♒12'20	1°28'27
evening rise	-1291 Feb	21 j 16:25	0°♓18'58	
	-1291 Feb	21 j 12:41	0°♓	
asc. node	-1291 Feb	23 j 12:04	3°♓59'01	
evening max el	-1291 Mar	11 j 11:10	29°♓02'00	19°59'38
	-1291 Mar	12 j 12:42	0°♈	
retrograde	-1291 Mar	21 j 15:12	3°♈53'43	
evening set	-1291 Mar	23 j 19:08	3°♈41'28	
	-1291 Apr	01 j 02:19	30°℞♓	
inferior conj	-1291 Apr	01 j 14:42	29°♓41'12	0°57'36
minimum elong	-1291 Apr	01 j 17:10	29°♓37'27	0°56'45
min. Earth dist.	-1291 Apr	03 j 16:22	28°♓25'51	0.55585 AU
desc. node	-1291 Apr	05 j 01:12	27°♓38'01	
morning rise	-1291 Apr	10 j 12:17	25°♓12'46	
direct	-1291 Apr	14 j 12:22	24°♓37'29	
	-1291 Apr	26 j 16:22	0°♈	
morning max el	-1291 Apr	28 j 07:38	1°♈28'27	23°59'46
	-1291 May	17 j 18:44	0°♉	
asc. node	-1291 May	22 j 11:22	9°♉28'57	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning set	-1291 May 22 j 17:09	9°♉59'16	
superior conj	-1291 May 29 j 19:22	25°♉13'14	1°10'21
minimum elong	-1291 May 29 j 16:53	24°♉59'52	1°09'58
max. Earth dist.	-1291 May 31 j 17:33	29°♉21'01	1.33368 AU
	-1291 Jun 01 j 00:52	0°♊	
evening rise	-1291 Jun 06 j 06:22	10°♊51'18	
	-1291 Jun 16 j 12:15	0°♋	
desc. node	-1291 Jul 02 j 00:27	23°♋09'17	
	-1291 Jul 07 j 23:52	0°♌	
evening max el	-1291 Jul 09 j 15:14	1°♌37'38	27°25'10
retrograde	-1291 Jul 23 j 07:06	8°♌58'51	
evening set	-1291 Jul 30 j 11:23	6°♌19'14	
min. Earth dist.	-1291 Aug 03 j 02:15	3°♌08'10	0.63591 AU
inferior conj	-1291 Aug 05 j 16:59	0°♌27'55	-3°-40'-40
minimum elong	-1291 Aug 05 j 21:26	0°♌16'32	3°39'34
	-1291 Aug 06 j 03:55	30°℞♋	
morning rise	-1291 Aug 12 j 09:35	25°♋09'17	
direct	-1291 Aug 14 j 22:36	24°♋37'42	
asc. node	-1291 Aug 18 j 10:35	25°♋38'05	
morning max el	-1291 Aug 21 j 12:08	28°♋03'05	17°55'36
	-1291 Aug 23 j 06:46	0°♌	
morning set	-1291 Sep 07 j 06:32	23°♌54'40	
	-1291 Sep 10 j 18:54	0°♍	
superior conj	-1291 Sep 19 j 15:03	14°♍55'16	0°53'04
minimum elong	-1291 Sep 19 j 20:01	15°♍15'46	0°52'28
max. Earth dist.	-1291 Sep 25 j 15:10	24°♍40'50	1.43939 AU
desc. node	-1291 Sep 27 j 23:50	28°♍26'38	
	-1291 Sep 28 j 23:26	0°♎	
evening rise	-1291 Oct 05 j 13:13	10°♎15'36	
	-1291 Oct 18 j 14:32	0°♏	
greatest brilliancy	-1291 Oct 28 j 04:30	13°♏31'54	-0.5m
evening max el	-1291 Nov 03 j 01:03	20°♏30'39	20°42'39
retrograde	-1291 Nov 11 j 05:49	25°♏21'42	
asc. node	-1291 Nov 14 j 09:48	24°♏24'23	
evening set	-1291 Nov 15 j 01:43	23°♏57'33	
inferior conj	-1291 Nov 20 j 12:36	17°♏46'11	1°59'37
minimum elong	-1291 Nov 20 j 10:11	17°♏54'27	1°58'44
min. Earth dist.	-1291 Nov 21 j 02:08	17°♏00'04	0.67136 AU
morning rise	-1291 Nov 25 j 18:10	11°♏30'09	
direct	-1291 Dec 01 j 04:21	9°♏08'47	
morning max el	-1291 Dec 12 j 06:57	15°♏46'30	24°16'38
	-1291 Dec 24 j 00:28	0°♐	
desc. node	-1291 Dec 24 j 23:09	1°♐17'40	
	-1290 Jan 12 j 18:55	0°♑	
morning set	-1290 Jan 17 j 01:59	7°♑18'10	
max. Earth dist.	-1290 Jan 20 j 21:11	14°♑01'11	1.37989 AU
superior conj	-1290 Jan 27 j 21:07	27°♑02'14	-1°-47'-28
minimum elong	-1290 Jan 28 j 00:25	27°♑18'01	1°47'15
	-1290 Jan 29 j 09:59	0°♒	
evening rise	-1290 Feb 05 j 15:51	14°♒16'08	
asc. node	-1290 Feb 10 j 09:08	23°♒23'51	
	-1290 Feb 14 j 01:51	0°♓	
evening max el	-1290 Feb 22 j 06:48	11°♓05'33	19°02'48
retrograde	-1290 Mar 02 j 20:52	15°♓13'07	
evening set	-1290 Mar 05 j 03:35	14°♓56'54	
inferior conj	-1290 Mar 13 j 05:25	10°♓42'46	2°30'36
minimum elong	-1290 Mar 13 j 10:00	10°♓34'46	2°29'22
min. Earth dist.	-1290 Mar 16 j 08:13	8°♓33'10	0.56960 AU
morning rise	-1290 Mar 21 j 12:17	5°♓42'06	
desc. node	-1290 Mar 22 j 22:16	5°♓12'32	
direct	-1290 Mar 26 j 16:18	4°♓38'57	
morning max el	-1290 Apr 09 j 22:32	12°♓01'05	25°35'25
	-1290 Apr 23 j 19:57	0°♈	
morning set	-1290 May 07 j 05:04	24°♈58'50	

asc. node	-1290 May 09 j 08:27	29°♈32'07	
	-1290 May 09 j 13:38	0°♉	
superior conj	-1290 May 14 j 05:58	10°♉11'33	0°49'37
minimum elong	-1290 May 14 j 03:59	10°♉00'42	0°49'14
max. Earth dist.	-1290 May 15 j 02:55	12°♉05'52	1.32720 AU
evening rise	-1290 May 21 j 09:20	25°♉27'19	
	-1290 May 23 j 15:02	0°♊	
	-1290 Jun 10 j 02:33	0°♋	
desc. node	-1290 Jun 18 j 21:29	11°♋06'58	
evening max el	-1290 Jun 21 j 22:21	14°♋13'21	27°11'57
retrograde	-1290 Jul 05 j 19:56	21°♋32'28	
evening set	-1290 Jul 12 j 21:44	19°♋13'15	
min. Earth dist.	-1290 Jul 16 j 12:21	16°♋26'22	0.61752 AU
inferior conj	-1290 Jul 19 j 14:50	13°♋37'48	-4°-17'-8
minimum elong	-1290 Jul 19 j 18:27	13°♋29'33	4°16'35
morning rise	-1290 Jul 26 j 17:56	8°♋39'28	
direct	-1290 Jul 29 j 04:58	8°♋13'39	
morning max el	-1290 Aug 05 j 02:32	11°♋41'08	17°57'29
asc. node	-1290 Aug 05 j 07:40	11°♋53'50	
	-1290 Aug 17 j 08:13	0°♌	
morning set	-1290 Aug 21 j 02:11	6°♌47'31	
superior conj	-1290 Aug 31 j 17:41	25°♌50'13	1°24'00
minimum elong	-1290 Aug 31 j 22:27	26°♌10'51	1°23'32
	-1290 Sep 03 j 03:47	0°♍	
max. Earth dist.	-1290 Sep 08 j 02:58	8°♍19'06	1.42501 AU
evening rise	-1290 Sep 14 j 23:05	19°♍19'52	
desc. node	-1290 Sep 14 j 20:50	19°♍11'00	
	-1290 Sep 21 j 20:42	0°♎	
greatest brilliancy	-1290 Oct 12 j 02:20	28°♎32'38	-0.4m
	-1290 Oct 13 j 07:11	0°♏	
evening max el	-1290 Oct 16 j 21:04	3°♏58'19	21°55'49
retrograde	-1290 Oct 26 j 02:03	9°♏26'47	
evening set	-1290 Oct 30 j 09:36	7°♏45'25	
asc. node	-1290 Nov 01 j 06:53	5°♏57'14	
inferior conj	-1290 Nov 04 j 18:56	1°♏26'42	1°11'08
minimum elong	-1290 Nov 04 j 17:21	1°♏32'10	1°10'30
min. Earth dist.	-1290 Nov 04 j 21:29	1°♏17'52	0.67512 AU
	-1290 Nov 05 j 20:09	30°℞♎	
morning rise	-1290 Nov 10 j 00:51	25°♎11'16	
direct	-1290 Nov 14 j 19:46	23°♎11'42	
morning max el	-1290 Nov 24 j 16:53	29°♎04'10	22°49'06
	-1290 Nov 25 j 14:27	0°♏	
greatest brilliancy	-1290 Nov 29 j 10:02	4°♏21'09	-0.3m
desc. node	-1290 Dec 11 j 20:10	21°♏07'31	
	-1290 Dec 17 j 19:34	0°♐	
morning set	-1290 Dec 28 j 20:49	17°♐29'03	
max. Earth dist.	-1289 Jan 02 j 16:39	25°♐35'24	1.40098 AU
	-1289 Jan 05 j 05:50	0°♑	
superior conj	-1289 Jan 10 j 11:11	9°♑19'31	-1°-58'-25
minimum elong	-1289 Jan 10 j 12:38	9°♑26'06	1°58'25
evening rise	-1289 Jan 20 j 06:01	27°♑40'36	
	-1289 Jan 21 j 11:22	0°♒	
asc. node	-1289 Jan 28 j 06:11	12°♒21'58	
evening max el	-1289 Feb 05 j 10:56	23°♒40'34	18°25'59
retrograde	-1289 Feb 12 j 21:15	27°♒19'51	
evening set	-1289 Feb 15 j 08:22	26°♒56'57	
inferior conj	-1289 Feb 22 j 16:51	22°♒22'21	3°27'39
minimum elong	-1289 Feb 22 j 20:13	22°♒15'30	3°27'07
min. Earth dist.	-1289 Feb 26 j 03:06	19°♒36'17	0.58861 AU
morning rise	-1289 Mar 02 j 04:24	16°♒55'01	
direct	-1289 Mar 08 j 09:27	15°♒14'35	
desc. node	-1289 Mar 09 j 19:20	15°♒19'42	
morning max el	-1289 Mar 22 j 16:47	22°♒52'55	26°51'39
	-1289 Mar 29 j 01:04	0°♓	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1289 Apr 16 j 17:43	0°♈	
morning set	-1289 Apr 21 j 15:22	9°♈52'50	
asc. node	-1289 Apr 26 j 05:30	19°♈42'06	
superior conj	-1289 Apr 28 j 17:43	25°♈11'41	0°26'15
minimum elong	-1289 Apr 28 j 16:34	25°♈05'24	0°26'00
max. Earth dist.	-1289 Apr 28 j 15:44	25°♈00'50	1.32431 AU
	-1289 Apr 30 j 22:20	0°♉	
evening rise	-1289 May 05 j 17:20	10°♉17'19	
	-1289 May 15 j 22:30	0°♊	
evening max el	-1289 Jun 03 j 23:45	26°♊07'27	26°25'54
desc. node	-1289 Jun 05 j 18:31	27°♊44'23	
	-1289 Jun 08 j 16:30	0°♋	
retrograde	-1289 Jun 18 j 00:32	3°♋22'48	
evening set	-1289 Jun 24 j 12:28	1°♋36'46	
	-1289 Jun 27 j 03:08	30°℞♊	
min. Earth dist.	-1289 Jun 28 j 12:55	28°♊58'36	0.59717 AU
inferior conj	-1289 Jul 01 j 21:19	26°♊20'11	-4°-36'-5
minimum elong	-1289 Jul 01 j 22:21	26°♊18'09	4°36'02
morning rise	-1289 Jul 09 j 11:37	21°♊44'15	
direct	-1289 Jul 11 j 22:50	21°♊22'18	
morning max el	-1289 Jul 19 j 12:50	25°♊01'44	18°18'55
asc. node	-1289 Jul 23 j 04:43	29°♊15'32	
	-1289 Jul 23 j 17:44	0°♋	
morning set	-1289 Aug 04 j 12:19	20°♋23'32	
	-1289 Aug 09 j 13:51	0°♌	
superior conj	-1289 Aug 13 j 21:15	7°♌59'56	1°41'35
minimum elong	-1289 Aug 13 j 23:54	8°♌12'01	1°41'26
max. Earth dist.	-1289 Aug 21 j 09:40	21°♌18'43	1.40664 AU
evening rise	-1289 Aug 26 j 04:12	29°♌19'20	
	-1289 Aug 26 j 14:07	0°♍	
desc. node	-1289 Sep 01 j 17:51	9°♍50'15	
	-1289 Sep 15 j 09:32	0°♎	
greatest brilliancy	-1289 Sep 23 j 07:23	10°♎27'00	-0.2m
evening max el	-1289 Sep 29 j 12:06	17°♎28'04	23°15'10
retrograde	-1289 Oct 09 j 19:33	23°♎34'05	
evening set	-1289 Oct 14 j 16:39	21°♎34'04	
asc. node	-1289 Oct 19 j 03:55	16°♎26'51	
inferior conj	-1289 Oct 20 j 01:53	15°♎11'39	0°18'56
minimum elong	-1289 Oct 20 j 01:26	15°♎13'12	0°18'44
min. Earth dist.	-1289 Oct 19 j 18:03	15°♎38'33	0.67576 AU
morning rise	-1289 Oct 25 j 10:14	8°♎59'31	
direct	-1289 Oct 29 j 14:44	7°♎22'16	
morning max el	-1289 Nov 07 j 07:54	12°♎29'27	21°25'42
greatest brilliancy	-1289 Nov 12 j 11:45	18°♎25'06	-0.4m
	-1289 Nov 21 j 00:25	0°♏	
desc. node	-1289 Nov 28 j 17:12	11°♏18'42	
morning set	-1289 Dec 08 j 10:59	26°♏18'48	
	-1289 Dec 10 j 18:42	0°♐	
max. Earth dist.	-1289 Dec 15 j 18:10	8°♐04'27	1.42094 AU
superior conj	-1289 Dec 23 j 03:49	20°♐33'03	-1°-57'-42
minimum elong	-1289 Dec 23 j 01:31	20°♐23'06	1°57'40
	-1289 Dec 28 j 12:58	0°♑	
evening rise	-1288 Jan 03 j 07:24	10°♑25'05	
	-1288 Jan 14 j 15:05	0°♒	
asc. node	-1288 Jan 15 j 03:13	0°♒45'04	
evening max el	-1288 Jan 19 j 20:35	6°♒38'21	18°09'04
retrograde	-1288 Jan 26 j 14:50	10°♒05'20	
evening set	-1288 Jan 29 j 05:46	9°♒34'35	
inferior conj	-1288 Feb 04 j 23:52	4°♒37'54	3°52'08
minimum elong	-1288 Feb 05 j 00:49	4°♒35'41	3°52'05
min. Earth dist.	-1288 Feb 08 j 04:09	1°♒39'29	0.60933 AU
	-1288 Feb 10 j 03:22	30°℞♑	
morning rise	-1288 Feb 11 j 17:08	28°♑51'59	
direct	-1288 Feb 18 j 13:17	26°♑35'48	
desc. node	-1288 Feb 24 j 16:23	28°♑14'09	
	-1288 Feb 27 j 13:45	0°♒	
morning max el	-1288 Mar 03 j 17:15	4°♒22'23	27°36'29
	-1288 Mar 22 j 17:39	0°♓	
morning set	-1288 Apr 04 j 22:10	24°♓34'18	
	-1288 Apr 07 j 12:28	0°♈	
max. Earth dist.	-1288 Apr 11 j 04:08	7°♈52'02	1.32496 AU
superior conj	-1288 Apr 12 j 04:55	10°♈07'15	0°01'04
minimum elong	-1288 Apr 12 j 04:52	10°♈06'59	0°01'03
behind sun begin	-1288 Apr 11 j 23:49	9°♈39'26	
behind sun end	-1288 Apr 12 j 09:54	10°♈34'33	
asc. node	-1288 Apr 12 j 02:32	9°♈54'12	
evening rise	-1288 Apr 19 j 04:10	25°♈13'01	
	-1288 Apr 21 j 11:23	0°♉	
	-1288 May 09 j 07:10	0°♊	
evening max el	-1288 May 15 j 18:22	7°♊17'24	25°11'24
desc. node	-1288 May 22 j 15:34	12°♊28'52	
retrograde	-1288 May 29 j 18:59	14°♊26'04	
evening set	-1288 Jun 04 j 04:28	13°♊18'43	
min. Earth dist.	-1288 Jun 09 j 06:10	10°♊31'45	0.57722 AU
inferior conj	-1288 Jun 12 j 08:57	8°♊24'16	-4°-26'-53
minimum elong	-1288 Jun 12 j 05:47	8°♊29'43	4°26'35
morning rise	-1288 Jun 20 j 11:00	4°♊10'28	
direct	-1288 Jun 22 j 23:42	3°♊51'20	
morning max el	-1288 Jul 01 j 16:06	7°♊55'08	19°00'51
asc. node	-1288 Jul 09 j 01:45	17°♊28'00	
	-1288 Jul 16 j 01:17	0°♋	
morning set	-1288 Jul 18 j 08:41	4°♋30'28	
superior conj	-1288 Jul 26 j 19:58	21°♋07'34	1°47'50
minimum elong	-1288 Jul 26 j 20:21	21°♋09'24	1°47'50
	-1288 Jul 31 j 13:13	0°♌	
max. Earth dist.	-1288 Aug 02 j 12:40	3°♌35'52	1.38666 AU
evening rise	-1288 Aug 06 j 10:29	10°♌30'08	
	-1288 Aug 18 j 09:48	0°♍	
desc. node	-1288 Aug 18 j 14:53	0°♍19'26	
	-1288 Sep 10 j 00:09	0°♎	
evening max el	-1288 Sep 11 j 00:01	1°♎00'25	24°34'39
retrograde	-1288 Sep 22 j 09:20	7°♎39'39	
evening set	-1288 Sep 27 j 21:11	5°♎21'10	
min. Earth dist.	-1288 Oct 02 j 13:24	29°♍59'57	0.67319 AU
	-1288 Oct 02 j 13:23	30°℞♍	
inferior conj	-1288 Oct 03 j 07:42	28°♍58'48	0°-35'-28
minimum elong	-1288 Oct 03 j 08:34	28°♍55'54	0°35'08
asc. node	-1288 Oct 05 j 00:56	26°♍44'09	
morning rise	-1288 Oct 08 j 20:20	22°♍52'44	
direct	-1288 Oct 12 j 12:04	21°♍35'58	
morning max el	-1288 Oct 20 j 06:19	26°♍04'53	20°12'32
	-1288 Oct 23 j 17:29	0°♎	
greatest brilliancy	-1288 Oct 27 j 03:14	4°♎25'18	-0.6m
	-1288 Nov 13 j 10:55	0°♏	
desc. node	-1288 Nov 14 j 14:14	1°♏45'02	
morning set	-1288 Nov 16 j 08:29	4°♏28'03	
max. Earth dist.	-1288 Nov 27 j 03:28	21°♏26'11	1.43686 AU
	-1288 Dec 02 j 10:18	0°♐	
superior conj	-1288 Dec 02 j 18:12	0°♐32'22	-1°-41'-3
minimum elong	-1288 Dec 02 j 11:31	0°♐04'59	1°40'33
evening rise	-1288 Dec 15 j 15:55	22°♐21'47	
	-1288 Dec 20 j 01:49	0°♑	
asc. node	-1287 Jan 01 j 00:13	18°♑22'50	
evening max el	-1287 Jan 02 j 08:48	19°♑51'23	18°11'34
retrograde	-1287 Jan 08 j 21:08	23°♑19'28	
evening set	-1287 Jan 11 j 15:54	22°♑39'57	
inferior conj	-1287 Jan 17 j 22:53	17°♑22'26	3°51'59
minimum elong	-1287 Jan 17 j 21:44	17°♑25'31	3°51'53

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

min. Earth dist.	-1287 Jan 20 j 14:14	14°♑34'11	0.62888 AU
morning rise	-1287 Jan 24 j 01:39	11°♑24'09	
direct	-1287 Jan 31 j 01:59	8°♑43'06	
desc. node	-1287 Feb 10 j 13:25	13°♑26'59	
morning max el	-1287 Feb 13 j 23:28	16°♑33'04	27°44'36
	-1287 Feb 25 j 03:09	0°♒	
	-1287 Mar 15 j 09:31	0°♓	
morning set	-1287 Mar 19 j 23:18	8°♓55'46	
max. Earth dist.	-1287 Mar 25 j 12:06	20°♓25'14	1.32935 AU
superior conj	-1287 Mar 27 j 13:54	24°♓52'29	0°-25'-6
minimum elong	-1287 Mar 27 j 15:05	24°♓58'50	0°24'52
asc. node	-1287 Mar 29 j 23:34	0°♈04'30	
	-1287 Mar 29 j 22:44	0°♈	
evening rise	-1287 Apr 03 j 15:56	10°♈07'41	
	-1287 Apr 13 j 23:32	0°♉	
evening max el	-1287 Apr 27 j 09:15	17°♉58'29	23°39'48
desc. node	-1287 May 09 j 12:34	24°♉43'49	
retrograde	-1287 May 11 j 01:37	24°♉49'14	
evening set	-1287 May 15 j 01:02	24°♉14'21	
min. Earth dist.	-1287 May 21 j 19:58	21°♉03'59	0.56091 AU
inferior conj	-1287 May 24 j 00:26	19°♉44'59	-3°-37'-58
minimum elong	-1287 May 23 j 17:51	19°♉54'56	3°36'29
morning rise	-1287 Jun 01 j 14:20	15°♉47'11	
direct	-1287 Jun 04 j 05:08	15°♉29'57	
morning max el	-1287 Jun 14 j 09:47	20°♉12'51	20°03'33
	-1287 Jun 22 j 04:45	0°♊	
asc. node	-1287 Jun 25 j 22:49	6°♊19'36	
morning set	-1287 Jul 02 j 12:12	19°♊00'17	
	-1287 Jul 07 j 21:32	0°♋	
superior conj	-1287 Jul 10 j 08:33	4°♋58'08	1°45'08
minimum elong	-1287 Jul 10 j 07:15	4°♋51'37	1°45'07
max. Earth dist.	-1287 Jul 15 j 16:53	15°♋25'59	1.36768 AU
evening rise	-1287 Jul 19 j 16:00	22°♋48'55	
	-1287 Jul 23 j 17:02	0°♌	
desc. node	-1287 Aug 05 j 11:53	20°♌33'05	
	-1287 Aug 12 j 03:50	0°♍	
evening max el	-1287 Aug 24 j 11:07	14°♍35'01	25°46'56
retrograde	-1287 Sep 05 j 18:44	21°♍38'30	
evening set	-1287 Sep 11 j 21:19	19°♍04'18	
min. Earth dist.	-1287 Sep 16 j 05:13	14°♍19'34	0.66732 AU
inferior conj	-1287 Sep 17 j 10:40	12°♍45'50	-1°-30'-35
minimum elong	-1287 Sep 17 j 12:54	12°♍38'43	1°29'42
asc. node	-1287 Sep 21 j 21:59	7°♍46'07	
morning rise	-1287 Sep 23 j 05:14	6°♍48'47	
direct	-1287 Sep 26 j 10:21	5°♍49'11	
morning max el	-1287 Oct 03 j 12:03	9°♍49'11	19°13'09
	-1287 Oct 18 j 03:08	0°♎	
morning set	-1287 Oct 26 j 13:09	13°♎05'46	
desc. node	-1287 Nov 01 j 11:16	22°♎21'30	
	-1287 Nov 06 j 08:14	0°♏	
max. Earth dist.	-1287 Nov 09 j 18:29	5°♏23'46	1.44679 AU
superior conj	-1287 Nov 12 j 06:56	9°♏22'53	-1°-6'-30
minimum elong	-1287 Nov 11 j 23:24	8°♏53'02	1°05'40
	-1287 Nov 25 j 01:55	0°♐	
evening rise	-1287 Nov 27 j 03:06	3°♐22'05	
	-1287 Dec 14 j 02:26	0°♑	
evening max el	-1287 Dec 16 j 20:57	3°♑13'10	18°32'41
asc. node	-1287 Dec 18 j 21:15	5°♑01'57	
retrograde	-1287 Dec 23 j 11:44	6°♑53'11	
evening set	-1287 Dec 26 j 11:17	6°♑03'42	
inferior conj	-1286 Jan 01 j 09:56	0°♑27'30	3°34'17
minimum elong	-1286 Jan 01 j 07:30	0°♑34'40	3°33'51
	-1286 Jan 01 j 19:15	30°℞♐	
min. Earth dist.	-1286 Jan 03 j 10:10	28°♐05'40	0.64558 AU
morning rise	-1286 Jan 07 j 02:26	24°♐21'04	
direct	-1286 Jan 13 j 22:15	21°♐29'56	
morning max el	-1286 Jan 27 j 08:38	29°♐15'30	27°17'27
desc. node	-1286 Jan 28 j 10:29	0°♑21'28	
	-1286 Jan 28 j 02:12	0°♑	
	-1286 Feb 18 j 23:46	0°♒	
morning set	-1286 Mar 03 j 15:52	22°♒46'49	
	-1286 Mar 07 j 06:48	0°♓	
max. Earth dist.	-1286 Mar 08 j 11:26	2°♓26'25	1.33790 AU
superior conj	-1286 Mar 11 j 18:45	9°♓20'14	0°-51'-14
minimum elong	-1286 Mar 11 j 21:08	9°♓32'47	0°50'48
asc. node	-1286 Mar 16 j 20:36	20°♓07'59	
evening rise	-1286 Mar 19 j 02:49	24°♓54'01	
	-1286 Mar 21 j 14:12	0°♈	
evening max el	-1286 Apr 09 j 03:00	28°♈38'32	22°05'37
	-1286 Apr 10 j 14:52	0°♉	
retrograde	-1286 Apr 21 j 20:15	4°♉51'31	
evening set	-1286 Apr 24 j 14:53	4°♉34'27	
desc. node	-1286 Apr 26 j 09:36	4°♉06'38	
inferior conj	-1286 May 03 j 23:50	0°♉28'00	-2°-5'-56
minimum elong	-1286 May 03 j 18:17	0°♉35'50	2°04'08
min. Earth dist.	-1286 May 03 j 09:18	0°♉48'28	0.55162 AU
	-1286 May 04 j 19:45	30°℞♈	
morning rise	-1286 May 12 j 23:13	26°♈32'09	
direct	-1286 May 15 j 19:34	26°♈13'56	
	-1286 May 25 j 13:36	0°♉	
morning max el	-1286 May 27 j 16:27	1°♉48'07	21°25'36
asc. node	-1286 Jun 12 j 19:53	25°♉40'25	
	-1286 Jun 15 j 00:13	0°♊	
morning set	-1286 Jun 16 j 20:28	3°♊46'18	
superior conj	-1286 Jun 24 j 06:53	19°♊19'15	1°35'35
minimum elong	-1286 Jun 24 j 04:38	19°♊07'32	1°35'25
max. Earth dist.	-1286 Jun 28 j 04:26	27°♊17'21	1.35154 AU
	-1286 Jun 29 j 13:05	0°♋	
evening rise	-1286 Jul 02 j 15:53	6°♋03'06	
	-1286 Jul 16 j 10:19	0°♌	
desc. node	-1286 Jul 23 j 08:53	10°♌24'22	
evening max el	-1286 Aug 06 j 22:47	28°♌08'02	26°44'04
	-1286 Aug 08 j 23:33	0°♍	
retrograde	-1286 Aug 19 j 23:05	5°♍24'34	
evening set	-1286 Aug 26 j 14:56	2°♍40'38	
	-1286 Aug 29 j 08:52	30°℞♌	
min. Earth dist.	-1286 Aug 30 j 15:11	28°♌33'43	0.65798 AU
inferior conj	-1286 Sep 01 j 08:49	26°♌29'59	-2°-24'-29
minimum elong	-1286 Sep 01 j 12:19	26°♌19'37	2°23'14
morning rise	-1286 Sep 07 j 10:53	20°♌45'01	
asc. node	-1286 Sep 08 j 19:03	20°♌12'04	
direct	-1286 Sep 10 j 07:49	19°♌58'55	
morning max el	-1286 Sep 16 j 23:31	23°♌38'54	18°29'31
	-1286 Sep 22 j 03:00	0°♍	
morning set	-1286 Oct 06 j 18:57	23°♍00'16	
	-1286 Oct 11 j 03:11	0°♎	
desc. node	-1286 Oct 19 j 08:16	13°♎04'30	
superior conj	-1286 Oct 22 j 07:07	17°♎43'59	0°-19'-5
minimum elong	-1286 Oct 22 j 04:36	17°♎34'01	0°18'46
max. Earth dist.	-1286 Oct 23 j 12:33	19°♎39'49	1.44964 AU
	-1286 Oct 30 j 02:26	0°♏	
evening rise	-1286 Nov 07 j 14:12	13°♏22'15	
	-1286 Nov 18 j 03:52	0°♐	
greatest brilliancy	-1286 Nov 19 j 12:32	2°♐05'47	-0.7m
evening max el	-1286 Nov 30 j 06:39	16°♐39'48	19°11'12
asc. node	-1286 Dec 05 j 18:18	20°♐27'55	
retrograde	-1286 Dec 07 j 07:06	20°♐41'03	
evening set	-1286 Dec 10 j 13:03	19°♐39'44	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

inferior conj	-1286 Dec 16 j 05:40	13°♐47'30	3°04'10
minimum elong	-1286 Dec 16 j 02:46	13°♐56'43	3°03'25
min. Earth dist.	-1286 Dec 17 j 15:14	12°♐01'01	0.65862 AU
morning rise	-1286 Dec 21 j 15:36	7°♐35'42	
direct	-1286 Dec 28 j 00:47	4°♐48'40	
morning max el	-1285 Jan 09 j 18:07	12°♐17'43	26°21'22
desc. node	-1285 Jan 15 j 07:33	18°♐28'34	
	-1285 Jan 24 j 00:41	0°♑	
	-1285 Feb 11 j 14:41	0°♒	
morning set	-1285 Feb 14 j 20:05	5°♒56'07	
max. Earth dist.	-1285 Feb 18 j 23:21	13°♒52'24	1.35104 AU
superior conj	-1285 Feb 23 j 17:14	23°♒24'01	-1°-15'-58
minimum elong	-1285 Feb 23 j 20:33	23°♒40'59	1°15'29
	-1285 Feb 26 j 21:54	0°♓	
evening rise	-1285 Mar 03 j 11:01	9°♓26'27	
asc. node	-1285 Mar 03 j 17:39	10°♓00'30	
	-1285 Mar 14 j 12:56	0°♈	
evening max el	-1285 Mar 22 j 05:37	9°♈43'47	20°40'57
retrograde	-1285 Apr 02 j 09:10	15°♈04'46	
evening set	-1285 Apr 04 j 14:44	14°♈52'47	
desc. node	-1285 Apr 13 j 06:40	11°♈12'35	
inferior conj	-1285 Apr 13 j 18:32	10°♈55'33	0°-8'-25
minimum elong	-1285 Apr 13 j 18:08	10°♈56'07	0°08'17
transit middle	-1285 Apr 13 j 18:08	10°♈56'07	0°08'17
transit begin	-1285 Apr 13 j 14:40	11°♈01'06	
transit end	-1285 Apr 13 j 21:36	10°♈51'07	
min. Earth dist.	-1285 Apr 14 j 22:58	10°♈14'40	0.55162 AU
morning rise	-1285 Apr 22 j 20:00	6°♈43'33	
direct	-1285 Apr 26 j 07:10	6°♈17'30	
morning max el	-1285 May 09 j 13:07	12°♈43'20	23°01'52
	-1285 May 22 j 13:18	0°♉	
asc. node	-1285 May 30 j 16:57	15°♉22'30	
morning set	-1285 Jun 01 j 07:31	18°♉42'14	
	-1285 Jun 06 j 14:48	0°♊	
superior conj	-1285 Jun 08 j 11:49	4°♊00'47	1°20'47
minimum elong	-1285 Jun 08 j 09:15	3°♊47'09	1°20'27
max. Earth dist.	-1285 Jun 11 j 01:58	9°♊29'29	1.33910 AU
evening rise	-1285 Jun 16 j 05:15	19°♊58'14	
	-1285 Jun 21 j 11:24	0°♋	
desc. node	-1285 Jul 10 j 05:55	29°♋43'16	
	-1285 Jul 10 j 10:59	0°♌	
evening max el	-1285 Jul 20 j 10:27	11°♌29'15	27°18'25
retrograde	-1285 Aug 02 j 21:47	18°♌49'36	
evening set	-1285 Aug 09 j 23:15	16°♌05'11	
min. Earth dist.	-1285 Aug 13 j 16:56	12°♌35'05	0.64502 AU
inferior conj	-1285 Aug 15 j 23:50	10°♌06'04	-3°-14'-46
minimum elong	-1285 Aug 16 j 04:09	9°♌54'18	3°13'29
morning rise	-1285 Aug 22 j 10:46	4°♌36'38	
direct	-1285 Aug 25 j 02:02	4°♌00'30	
asc. node	-1285 Aug 26 j 16:09	4°♌13'42	
morning max el	-1285 Aug 31 j 14:17	7°♌28'46	18°02'51
	-1285 Sep 15 j 16:11	0°♍	
morning set	-1285 Sep 18 j 04:45	4°♍16'05	
superior conj	-1285 Oct 01 j 16:47	26°♍36'36	0°29'16
minimum elong	-1285 Oct 01 j 20:07	26°♍50'02	0°28'50
	-1285 Oct 03 j 19:27	0°♎	
desc. node	-1285 Oct 06 j 05:17	3°♎50'22	
max. Earth dist.	-1285 Oct 06 j 06:52	3°♎56'40	1.44518 AU
evening rise	-1285 Oct 18 j 04:15	22°♎31'33	
	-1285 Oct 23 j 00:55	0°♏	
greatest brilliancy	-1285 Nov 06 j 13:23	21°♏32'42	-0.6m
	-1285 Nov 13 j 08:58	0°♐	
evening max el	-1285 Nov 13 j 11:52	0°♐07'31	20°05'24
retrograde	-1285 Nov 21 j 04:28	4°♐38'05	
asc. node	-1285 Nov 22 j 15:22	4°♐25'57	
evening set	-1285 Nov 24 j 18:46	3°♐22'45	
	-1285 Nov 28 j 05:01	30°℞♏	
inferior conj	-1285 Nov 30 j 07:15	27°♏17'24	2°25'08
minimum elong	-1285 Nov 30 j 04:31	27°♏26'34	2°24'13
min. Earth dist.	-1285 Dec 01 j 03:36	26°♏09'27	0.66782 AU
morning rise	-1285 Dec 05 j 13:41	21°♏02'30	
direct	-1285 Dec 11 j 08:44	18°♏30'01	
morning max el	-1285 Dec 23 j 02:46	25°♏29'15	25°05'24
	-1285 Dec 27 j 05:56	0°♐	
desc. node	-1284 Jan 02 j 04:35	7°♐26'27	
	-1284 Jan 17 j 13:21	0°♑	
morning set	-1284 Jan 28 j 06:52	18°♑08'56	
max. Earth dist.	-1284 Feb 01 j 00:26	24°♑57'13	1.36846 AU
	-1284 Feb 03 j 16:43	0°♒	
superior conj	-1284 Feb 07 j 06:22	6°♒55'19	-1°-37'-30
minimum elong	-1284 Feb 07 j 09:59	7°♒13'06	1°37'08
evening rise	-1284 Feb 15 j 14:22	23°♒38'41	
asc. node	-1284 Feb 18 j 14:42	29°♒37'13	
	-1284 Feb 18 j 19:23	0°♓	
evening max el	-1284 Mar 03 j 19:15	21°♓26'01	19°33'01
retrograde	-1284 Mar 13 j 05:51	25°♓57'03	
evening set	-1284 Mar 15 j 10:43	25°♓43'24	
inferior conj	-1284 Mar 23 j 22:56	21°♓38'15	1°41'12
minimum elong	-1284 Mar 24 j 02:48	21°♓32'03	1°39'59
min. Earth dist.	-1284 Mar 26 j 13:24	19°♓58'37	0.56086 AU
desc. node	-1284 Mar 30 j 03:44	17°♓57'26	
morning rise	-1284 Apr 01 j 15:20	16°♓56'29	
direct	-1284 Apr 06 j 03:10	16°♓11'03	
morning max el	-1284 Apr 20 j 04:21	23°♓16'32	24°42'01
	-1284 Apr 26 j 04:49	0°♈	
	-1284 May 14 j 00:46	0°♉	
morning set	-1284 May 15 j 19:38	3°♉42'45	
asc. node	-1284 May 16 j 14:01	5°♉19'49	
superior conj	-1284 May 22 j 20:56	18°♉55'17	1°01'56
minimum elong	-1284 May 22 j 18:37	18°♉42'41	1°01'32
max. Earth dist.	-1284 May 24 j 08:06	22°♉05'37	1.33048 AU
	-1284 May 28 j 01:18	0°♊	
evening rise	-1284 May 30 j 04:12	4°♊22'38	
	-1284 Jun 13 j 04:21	0°♋	
desc. node	-1284 Jun 26 j 02:58	18°♋16'11	
evening max el	-1284 Jul 01 j 19:58	24°♋25'23	27°23'37
	-1284 Jul 09 j 05:42	0°♌	
retrograde	-1284 Jul 15 j 14:10	1°♌45'06	
	-1284 Jul 21 j 13:21	30°℞♋	
evening set	-1284 Jul 22 j 18:48	29°♋12'29	
min. Earth dist.	-1284 Jul 26 j 08:46	26°♋13'23	0.62848 AU
inferior conj	-1284 Jul 29 j 04:52	23°♋27'56	-3°-57'-45
minimum elong	-1284 Jul 29 j 09:10	23°♋17'28	3°56'51
morning rise	-1284 Aug 05 j 01:50	18°♋17'30	
direct	-1284 Aug 07 j 13:51	17°♋48'30	
asc. node	-1284 Aug 12 j 13:13	19°♋44'42	
morning max el	-1284 Aug 14 j 05:39	21°♋13'20	17°54'06
	-1284 Aug 20 j 21:14	0°♌	
morning set	-1284 Aug 30 j 13:46	16°♌38'34	
	-1284 Sep 07 j 04:31	0°♍	
superior conj	-1284 Sep 11 j 03:31	6°♍44'37	1°07'53
minimum elong	-1284 Sep 11 j 08:47	7°♍06'47	1°07'17
max. Earth dist.	-1284 Sep 17 j 22:07	17°♍55'25	1.43399 AU
desc. node	-1284 Sep 22 j 02:18	24°♍36'18	
	-1284 Sep 25 j 12:43	0°♎	
evening rise	-1284 Sep 26 j 10:17	1°♎23'52	
	-1284 Oct 15 j 15:52	0°♏	
greatest brilliancy	-1284 Oct 21 j 04:50	7°♏26'54	-0.4m

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening max el	-1284 Oct 26 j 11:14	13°♏34'54	21°12'35
retrograde	-1284 Nov 04 j 01:40	18°♏41'18	
evening set	-1284 Nov 08 j 02:23	17°♏09'47	
asc. node	-1284 Nov 08 j 12:26	16°♏49'39	
inferior conj	-1284 Nov 13 j 12:25	10°♏54'45	1°39'35
minimum elong	-1284 Nov 13 j 10:18	11°♏01'59	1°38'46
min. Earth dist.	-1284 Nov 13 j 21:04	10°♏25'00	0.67343 AU
morning rise	-1284 Nov 18 j 17:54	4°♏38'50	
direct	-1284 Nov 23 j 21:29	2°♏26'46	
morning max el	-1284 Dec 04 j 11:36	8°♏45'18	23°39'22
desc. node	-1284 Dec 19 j 01:37	27°♏00'23	
	-1284 Dec 21 j 03:56	0°♐	
morning set	-1283 Jan 08 j 17:58	29°♐08'22	
	-1283 Jan 09 j 06:07	0°♑	
max. Earth dist.	-1283 Jan 12 j 20:02	6°♑12'06	1.38885 AU
superior conj	-1283 Jan 20 j 06:13	19°♑42'58	-1°-53'-16
minimum elong	-1283 Jan 20 j 08:57	19°♑55'48	1°53'09
	-1283 Jan 25 j 15:14	0°♒	
evening rise	-1283 Jan 29 j 10:16	7°♒22'59	
asc. node	-1283 Feb 04 j 11:45	18°♒51'33	
	-1283 Feb 11 j 12:21	0°♓	
evening max el	-1283 Feb 14 j 18:44	3°♓43'19	18°44'37
retrograde	-1283 Feb 22 j 19:42	7°♓37'16	
evening set	-1283 Feb 25 j 04:13	7°♓18'28	
inferior conj	-1283 Mar 04 j 22:20	2°♓55'42	2°59'15
minimum elong	-1283 Mar 05 j 02:41	2°♓47'34	2°58'17
min. Earth dist.	-1283 Mar 08 j 06:07	0°♓28'03	0.57721 AU
	-1283 Mar 08 j 22:13	30°℞♒	
morning rise	-1283 Mar 12 j 21:08	27°♒42'34	
desc. node	-1283 Mar 17 j 00:47	26°♒29'57	
direct	-1283 Mar 18 j 12:26	26°♒24'28	
	-1283 Mar 28 j 04:41	0°♓	
morning max el	-1283 Apr 01 j 20:16	3°♓54'44	26°11'14
	-1283 Apr 20 j 16:03	0°♈	
morning set	-1283 Apr 30 j 07:04	18°♈40'46	
asc. node	-1283 May 03 j 11:03	25°♈26'19	
	-1283 May 05 j 13:19	0°♉	
superior conj	-1283 May 07 j 08:12	3°♉54'53	0°39'58
minimum elong	-1283 May 07 j 06:32	3°♉45'45	0°39'38
max. Earth dist.	-1283 May 07 j 19:27	4°♉56'25	1.32551 AU
evening rise	-1283 May 14 j 09:34	19°♉05'10	
	-1283 May 19 j 20:41	0°♊	
	-1283 Jun 07 j 21:21	0°♋	
desc. node	-1283 Jun 13 j 00:00	5°♋42'47	
evening max el	-1283 Jun 14 j 00:37	6°♋42'59	26°56'10
retrograde	-1283 Jun 27 j 23:38	14°♋00'58	
evening set	-1283 Jul 04 j 21:17	11°♋54'11	
min. Earth dist.	-1283 Jul 08 j 14:20	9°♋13'29	0.60900 AU
inferior conj	-1283 Jul 11 j 20:33	6°♋26'30	-4°-27'-51
minimum elong	-1283 Jul 11 j 23:19	6°♋20'34	4°27'34
morning rise	-1283 Jul 19 j 04:23	1°♋37'54	
direct	-1283 Jul 21 j 15:20	1°♋13'54	
morning max el	-1283 Jul 28 j 18:41	4°♋44'48	18°04'15
asc. node	-1283 Jul 30 j 10:16	6°♋29'58	
morning set	-1283 Aug 13 j 16:06	29°♋50'48	
	-1283 Aug 13 j 18:05	0°♌	
superior conj	-1283 Aug 23 j 17:24	18°♌13'13	1°32'59
minimum elong	-1283 Aug 23 j 21:22	18°♌30'47	1°32'41
	-1283 Aug 30 j 13:05	0°♍	
max. Earth dist.	-1283 Aug 31 j 07:39	1°♍17'51	1.41751 AU
evening rise	-1283 Sep 06 j 02:47	10°♍46'58	
desc. node	-1283 Sep 08 j 23:20	15°♍18'52	
	-1283 Sep 18 j 14:45	0°♎	
greatest brilliancy	-1283 Oct 04 j 10:11	21°♎40'58	-0.3m
evening max el	-1283 Oct 09 j 04:48	27°♎02'48	22°29'04
	-1283 Oct 12 j 11:00	0°♏	
retrograde	-1283 Oct 18 j 21:02	2°♏48'03	
evening set	-1283 Oct 23 j 10:09	0°♏58'43	
	-1283 Oct 24 j 12:02	30°℞♎	
asc. node	-1283 Oct 26 j 09:27	27°♎51'14	
inferior conj	-1283 Oct 28 j 19:14	24°♎37'41	0°49'23
minimum elong	-1283 Oct 28 j 18:06	24°♎41'35	0°48'54
min. Earth dist.	-1283 Oct 28 j 17:16	24°♎44'29	0.67574 AU
morning rise	-1283 Nov 03 j 01:57	18°♎23'16	
direct	-1283 Nov 07 j 14:27	16°♎33'32	
morning max el	-1283 Nov 16 j 23:30	22°♎06'42	22°12'44
greatest brilliancy	-1283 Nov 21 j 16:07	27°♎23'58	-0.4m
	-1283 Nov 23 j 17:54	0°♏	
desc. node	-1283 Dec 05 j 22:38	17°♏00'18	
	-1283 Dec 14 j 12:14	0°♐	
morning set	-1283 Dec 20 j 00:22	8°♐43'54	
max. Earth dist.	-1283 Dec 25 j 17:31	18°♐08'36	1.40975 AU
	-1282 Jan 01 j 14:30	0°♑	
superior conj	-1282 Jan 02 j 11:53	1°♑34'55	-1°-59'-48
minimum elong	-1282 Jan 02 j 11:57	1°♑35'15	1°59'50
evening rise	-1282 Jan 12 j 19:32	20°♑31'58	
	-1282 Jan 17 j 22:35	0°♒	
asc. node	-1282 Jan 22 j 08:47	7°♒36'15	
evening max el	-1282 Jan 29 j 01:34	16°♒29'13	18°16'20
retrograde	-1282 Feb 05 j 03:55	20°♒01'43	
evening set	-1282 Feb 07 j 16:32	19°♒35'46	
inferior conj	-1282 Feb 14 j 18:32	14°♒51'56	3°41'34
minimum elong	-1282 Feb 14 j 20:54	14°♒46'48	3°41'17
min. Earth dist.	-1282 Feb 18 j 03:35	11°♒57'16	0.59737 AU
morning rise	-1282 Feb 21 j 21:54	9°♒15'24	
direct	-1282 Feb 28 j 10:36	7°♒18'46	
desc. node	-1282 Mar 03 j 21:49	7°♒50'08	
morning max el	-1282 Mar 14 j 17:16	15°♒02'14	27°14'59
	-1282 Mar 26 j 20:01	0°♓	
	-1282 Apr 12 j 23:09	0°♈	
morning set	-1282 Apr 14 j 16:06	3°♈30'13	
asc. node	-1282 Apr 20 j 08:06	15°♈37'39	
superior conj	-1282 Apr 21 j 19:55	18°♈53'42	0°15'44
minimum elong	-1282 Apr 21 j 19:13	18°♈49'50	0°15'35
behind sun begin	-1282 Apr 21 j 18:24	18°♈45'26	
behind sun end	-1282 Apr 21 j 20:01	18°♈54'15	
max. Earth dist.	-1282 Apr 21 j 08:24	17°♈50'33	1.32412 AU
	-1282 Apr 26 j 22:12	0°♉	
evening rise	-1282 Apr 28 j 18:59	3°♉58'01	
	-1282 May 12 j 18:20	0°♊	
evening max el	-1282 May 26 j 22:50	18°♊16'35	25°57'05
desc. node	-1282 May 30 j 21:02	21°♊36'02	
retrograde	-1282 Jun 10 j 00:32	25°♊30'40	
evening set	-1282 Jun 16 j 02:29	24°♊00'57	
min. Earth dist.	-1282 Jun 20 j 11:27	21°♊20'57	0.58841 AU
inferior conj	-1282 Jun 23 j 19:17	18°♊52'56	-4°-36'-21
minimum elong	-1282 Jun 23 j 18:39	18°♊54'07	4°36'21
morning rise	-1282 Jul 01 j 14:34	14°♊26'53	
direct	-1282 Jul 04 j 02:06	14°♊06'24	
morning max el	-1282 Jul 12 j 02:21	17°♊54'45	18°34'15
asc. node	-1282 Jul 17 j 07:18	24°♊14'28	
	-1282 Jul 20 j 21:55	0°♋	
morning set	-1282 Jul 28 j 06:57	13°♋40'12	
	-1282 Aug 05 j 19:17	0°♌	
superior conj	-1282 Aug 06 j 05:45	0°♌48'55	1°45'28
minimum elong	-1282 Aug 06 j 07:23	0°♌56'35	1°45'25
max. Earth dist.	-1282 Aug 13 j 11:42	13°♌55'44	1.39809 AU
evening rise	-1282 Aug 17 j 18:21	21°♌15'32	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1282 Aug 23 j 02:21	0°♍	
desc. node	-1282 Aug 26 j 20:21	5°♍54'03	
	-1282 Sep 12 j 16:49	0°♎	
evening max el	-1282 Sep 21 j 18:07	10°♎32'58	23°49'30
retrograde	-1282 Oct 02 j 13:10	16°♎54'40	
evening set	-1282 Oct 07 j 16:19	14°♎46'49	
min. Earth dist.	-1282 Oct 12 j 13:41	9°♎05'22	0.67496 AU
inferior conj	-1282 Oct 13 j 01:54	8°♎23'48	0°-3'-56
minimum elong	-1282 Oct 13 j 01:59	8°♎23'29	0°03'56
transit middle	-1282 Oct 13 j 01:59	8°♎23'29	0°03'56
transit begin	-1282 Oct 12 j 23:21	8°♎32'28	
transit end	-1282 Oct 13 j 04:38	8°♎14'30	
asc. node	-1282 Oct 13 j 06:29	8°♎08'12	
morning rise	-1282 Oct 18 j 11:49	2°♎13'37	
direct	-1282 Oct 22 j 10:37	0°♎45'24	
morning max el	-1282 Oct 30 j 17:26	5°♎35'46	20°53'04
greatest brilliancy	-1282 Nov 05 j 12:00	12°♎22'05	-0.5m
	-1282 Nov 17 j 23:08	0°♏	
desc. node	-1282 Nov 22 j 19:39	7°♏18'20	
morning set	-1282 Nov 29 j 04:59	17°♏08'41	
	-1282 Dec 07 j 07:13	0°♐	
max. Earth dist.	-1282 Dec 07 j 21:49	0°♐59'10	1.42831 AU
superior conj	-1282 Dec 14 j 17:48	12°♐17'48	-1°-52'-49
minimum elong	-1282 Dec 14 j 13:32	11°♐59'49	1°52'37
	-1282 Dec 24 j 22:32	0°♑	
evening rise	-1282 Dec 26 j 14:16	2°♑56'51	
asc. node	-1281 Jan 09 j 05:48	25°♑41'31	
evening max el	-1281 Jan 12 j 12:43	29°♑34'36	18°07'49
	-1281 Jan 12 j 23:13	0°♒	
retrograde	-1281 Jan 19 j 03:16	3°♒00'17	
evening set	-1281 Jan 21 j 19:48	2°♒25'57	
	-1281 Jan 25 j 12:59	30°℞♑	
inferior conj	-1281 Jan 28 j 08:51	27°♑20'32	3°54'34
minimum elong	-1281 Jan 28 j 08:48	27°♑20'37	3°54'33
min. Earth dist.	-1281 Jan 31 j 08:18	24°♑23'44	0.61798 AU
morning rise	-1281 Feb 03 j 19:27	21°♑28'49	
direct	-1281 Feb 10 j 18:49	18°♑59'59	
desc. node	-1281 Feb 18 j 18:51	21°♑47'30	
morning max el	-1281 Feb 24 j 20:14	26°♑48'57	27°44'18
	-1281 Feb 27 j 20:44	0°♒	
	-1281 Mar 20 j 09:30	0°♓	
morning set	-1281 Mar 29 j 20:46	18°♓03'51	
	-1281 Apr 04 j 12:47	0°♈	
max. Earth dist.	-1281 Apr 04 j 19:10	0°♈34'30	1.32634 AU
superior conj	-1281 Apr 06 j 06:24	3°♈45'37	0°-9'-59
minimum elong	-1281 Apr 06 j 06:52	3°♈48'08	0°09'53
behind sun begin	-1281 Apr 06 j 02:51	3°♈26'15	
behind sun end	-1281 Apr 06 j 10:53	4°♈10'02	
asc. node	-1281 Apr 07 j 05:08	5°♈49'26	
evening rise	-1281 Apr 13 j 06:25	18°♈53'54	
	-1281 Apr 18 j 17:50	0°♉	
evening max el	-1281 May 08 j 15:27	29°♉12'11	24°33'46
	-1281 May 09 j 11:55	0°♊	
desc. node	-1281 May 17 j 18:03	5°♊21'12	
retrograde	-1281 May 22 j 14:13	6°♊14'55	
evening set	-1281 May 27 j 09:16	5°♊23'10	
min. Earth dist.	-1281 Jun 02 j 03:10	2°♊27'31	0.56959 AU
inferior conj	-1281 Jun 04 j 22:21	0°♊39'12	-4°-11'-36
minimum elong	-1281 Jun 04 j 17:25	0°♊47'13	4°10'51
	-1281 Jun 05 j 22:44	30°℞♉	
morning rise	-1281 Jun 13 j 05:27	26°♉32'59	
direct	-1281 Jun 15 j 18:50	26°♉14'50	
	-1281 Jun 24 j 10:42	0°♊	
morning max el	-1281 Jun 25 j 01:48	0°♊34'00	19°24'59
asc. node	-1281 Jul 04 j 04:22	12°♊45'06	
morning set	-1281 Jul 12 j 06:44	27°♊57'59	
	-1281 Jul 13 j 07:09	0°♋	
superior conj	-1281 Jul 20 j 10:57	14°♋16'23	1°47'39
minimum elong	-1281 Jul 20 j 10:31	14°♋14'20	1°47'40
max. Earth dist.	-1281 Jul 26 j 14:28	25°♋58'30	1.37833 AU
	-1281 Jul 28 j 19:27	0°♌	
evening rise	-1281 Jul 30 j 11:07	2°♌57'03	
desc. node	-1281 Aug 13 j 17:23	26°♌17'29	
	-1281 Aug 16 j 05:06	0°♍	
evening max el	-1281 Sep 04 j 05:40	24°♍07'19	25°06'53
	-1281 Sep 12 j 01:09	0°♎	
retrograde	-1281 Sep 16 j 01:05	0°♎57'48	
	-1281 Sep 19 j 17:10	30°℞♍	
evening set	-1281 Sep 21 j 19:12	28°♍32'27	
min. Earth dist.	-1281 Sep 26 j 07:55	23°♍26'18	0.67108 AU
inferior conj	-1281 Sep 27 j 06:45	22°♍11'24	0°-58'-51
minimum elong	-1281 Sep 27 j 08:12	22°♍06'39	0°58'16
asc. node	-1281 Sep 30 j 03:31	18°♍38'13	
morning rise	-1281 Oct 02 j 21:40	16°♍08'34	
direct	-1281 Oct 06 j 08:42	14°♍59'21	
morning max el	-1281 Oct 13 j 18:57	19°♍14'42	19°45'26
greatest brilliancy	-1281 Oct 21 j 19:16	29°♍17'12	-0.6m
	-1281 Oct 22 j 07:21	0°♎	
morning set	-1281 Nov 08 j 02:27	25°♎21'10	
desc. node	-1281 Nov 09 j 16:42	27°♎49'23	
	-1281 Nov 11 j 02:18	0°♏	
max. Earth dist.	-1281 Nov 20 j 09:54	14°♏38'25	1.44196 AU
superior conj	-1281 Nov 24 j 20:39	21°♏45'48	-1°-28'-30
minimum elong	-1281 Nov 24 j 12:54	21°♏14'32	1°27'48
	-1281 Nov 29 j 22:00	0°♐	
evening rise	-1281 Dec 08 j 14:10	14°♐30'04	
	-1281 Dec 17 j 19:31	0°♑	
evening max el	-1281 Dec 27 j 01:18	12°♑52'16	18°18'20
asc. node	-1281 Dec 27 j 02:49	12°♑56'05	
retrograde	-1280 Jan 02 j 13:32	16°♑23'47	
evening set	-1280 Jan 05 j 10:18	15°♑40'03	
inferior conj	-1280 Jan 11 j 13:25	10°♑14'16	3°46'12
minimum elong	-1280 Jan 11 j 11:37	10°♑19'17	3°45'59
min. Earth dist.	-1280 Jan 13 j 22:23	7°♑35'56	0.63650 AU
morning rise	-1280 Jan 17 j 11:22	4°♑12'24	
direct	-1280 Jan 24 j 10:51	1°♑25'16	
desc. node	-1280 Feb 05 j 15:53	7°♑47'22	
morning max el	-1280 Feb 07 j 03:51	9°♑13'34	27°37'00
	-1280 Feb 23 j 09:11	0°♒	
	-1280 Mar 11 j 15:39	0°♓	
morning set	-1280 Mar 12 j 18:40	2°♓13'22	
max. Earth dist.	-1280 Mar 17 j 23:59	12°♓55'25	1.33250 AU
superior conj	-1280 Mar 20 j 13:55	18°♓24'15	0°-36'-16
minimum elong	-1280 Mar 20 j 15:37	18°♓33'21	0°35'55
asc. node	-1280 Mar 24 j 02:11	25°♓57'16	
	-1280 Mar 25 j 23:27	0°♈	
evening rise	-1280 Mar 27 j 18:05	3°♈46'01	
	-1280 Apr 11 j 04:20	0°♉	
evening max el	-1280 Apr 19 j 06:51	9°♉49'30	22°59'13
retrograde	-1280 May 02 j 15:00	16°♉25'56	
desc. node	-1280 May 03 j 15:05	16°♉23'41	
evening set	-1280 May 06 j 00:55	16°♉00'27	
min. Earth dist.	-1280 May 13 j 16:21	12°♉36'54	0.55596 AU
inferior conj	-1280 May 15 j 06:06	11°♉42'14	-3°-3'-44
minimum elong	-1280 May 14 j 23:16	11°♉52'09	3°01'51
morning rise	-1280 May 24 j 00:33	7°♉47'25	
direct	-1280 May 26 j 17:19	7°♉30'06	
morning max el	-1280 Jun 06 j 14:46	12°♉33'33	20°36'17
	-1280 Jun 19 j 01:30	0°♊	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

asc. node	-1280 Jun 20 j 01:27	1°♊50'14		
morning set	-1280 Jun 25 j 12:35	12°♊35'43		
superior conj	-1280 Jul 03 j 04:09	28°♊21'11	1°41'50	
minimum elong	-1280 Jul 03 j 02:21	28°♊12'04	1°41'44	
	-1280 Jul 03 j 23:36	0°♋		
max. Earth dist.	-1280 Jul 07 j 21:43	7°♋47'51	1.36042 AU	
evening rise	-1280 Jul 12 j 01:07	15°♋41'04		
	-1280 Jul 20 j 03:37	0°♌		
desc. node	-1280 Jul 30 j 14:24	16°♌22'36		
	-1280 Aug 09 j 17:35	0°♍		
evening max el	-1280 Aug 16 j 17:06	7°♍42'23	26°13'34	
retrograde	-1280 Aug 29 j 08:11	14°♍51'51		
evening set	-1280 Sep 04 j 16:50	12°♍12'37		
min. Earth dist.	-1280 Sep 08 j 21:27	7°♍44'02	0.66384 AU	
inferior conj	-1280 Sep 10 j 07:55	5°♍57'18	-1°-53'-43	
minimum elong	-1280 Sep 10 j 10:43	5°♍48'38	1°52'38	
morning rise	-1280 Sep 16 j 05:30	0°♍05'04		
asc. node	-1280 Sep 16 j 00:35	0°♍12'25		
	-1280 Sep 16 j 09:04	30°℞♌		
direct	-1280 Sep 19 j 06:56	29°♌11'31		
	-1280 Sep 22 j 07:00	0°♍		
morning max el	-1280 Sep 26 j 03:24	3°♍01'30	18°52'37	
	-1280 Oct 14 j 20:40	0°♎		
morning set	-1280 Oct 17 j 16:36	4°♎28'37		
desc. node	-1280 Oct 26 j 13:45	18°♎28'58		
max. Earth dist.	-1280 Nov 02 j 03:11	28°♎48'05	1.44892 AU	
	-1280 Nov 02 j 21:27	0°♏		
superior conj	-1280 Nov 03 j 01:34	0°♏16'13	0°-47'-21	
minimum elong	-1280 Nov 02 j 19:36	29°♎52'40	0°46'37	
evening rise	-1280 Nov 18 j 15:16	25°♏04'55		
	-1280 Nov 21 j 16:15	0°♐		
evening max el	-1280 Dec 09 j 12:42	26°♐16'39	18°47'01	
asc. node	-1280 Dec 12 j 23:50	29°♐06'12		
	-1280 Dec 15 j 08:55	0°♑		
retrograde	-1280 Dec 16 j 06:40	0°♑04'37		
	-1280 Dec 17 j 04:15	30°℞♐		
evening set	-1280 Dec 19 j 08:47	29°♐10'11		
inferior conj	-1280 Dec 25 j 04:34	23°♐26'33	3°22'47	
minimum elong	-1280 Dec 25 j 01:51	23°♐34'50	3°22'13	
min. Earth dist.	-1280 Dec 26 j 22:18	21°♐19'23	0.65156 AU	
morning rise	-1280 Dec 30 j 17:52	17°♐17'35		
direct	-1279 Jan 06 j 09:38	14°♐27'03		
morning max el	-1279 Jan 19 j 13:37	22°♐06'44	26°56'48	
desc. node	-1279 Jan 22 j 12:58	25°♐16'03		
	-1279 Jan 26 j 12:39	0°♑		
	-1279 Feb 15 j 14:00	0°♒		
morning set	-1279 Feb 24 j 06:36	15°♒48'54		
max. Earth dist.	-1279 Feb 28 j 19:08	24°♒43'45	1.34297 AU	
	-1279 Mar 03 j 09:00	0°♓		
superior conj	-1279 Mar 04 j 16:26	2°♓43'18	-1°-1'-58	
minimum elong	-1279 Mar 04 j 19:16	2°♓58'02	1°01'29	
asc. node	-1279 Mar 10 j 23:14	15°♓57'04		
evening rise	-1279 Mar 12 j 04:09	18°♓28'07		
	-1279 Mar 17 j 22:51	0°♈		
evening max el	-1279 Apr 01 j 03:46	20°♈37'53	21°27'48	
retrograde	-1279 Apr 13 j 06:10	26°♈30'03		
evening set	-1279 Apr 15 j 17:23	26°♈16'11		
desc. node	-1279 Apr 20 j 12:06	24°♈40'11		
inferior conj	-1279 Apr 25 j 01:49	22°♈15'24	-1°-17'-21	
minimum elong	-1279 Apr 24 j 22:12	22°♈20'29	1°16'06	
min. Earth dist.	-1279 Apr 25 j 05:31	22°♈10'12	0.55046 AU	
morning rise	-1279 May 04 j 03:24	18°♈15'21		
direct	-1279 May 07 j 04:36	17°♈55'03		
morning max el	-1279 May 19 j 16:58	23°♈51'14	22°05'18	
	-1279 May 25 j 04:43	0°♉		
asc. node	-1279 Jun 06 j 22:33	21°♉21'10		
morning set	-1279 Jun 09 j 22:18	27°♉27'03		
	-1279 Jun 11 j 03:35	0°♊		
superior conj	-1279 Jun 17 j 05:40	12°♊52'22	1°29'53	
minimum elong	-1279 Jun 17 j 03:13	12°♊39'28	1°29'37	
max. Earth dist.	-1279 Jun 20 j 13:33	19°♊47'04	1.34580 AU	
evening rise	-1279 Jun 25 j 07:18	29°♊14'07		
	-1279 Jun 25 j 16:48	0°♋		
	-1279 Jul 13 j 06:46	0°♌		
desc. node	-1279 Jul 17 j 11:25	6°♌01'21		
evening max el	-1279 Jul 30 j 04:45	21°♌10'50	27°01'44	
retrograde	-1279 Aug 12 j 10:09	28°♌29'58		
evening set	-1279 Aug 19 j 06:52	25°♌44'07		
min. Earth dist.	-1279 Aug 23 j 04:01	21°♌53'32	0.65297 AU	
inferior conj	-1279 Aug 25 j 03:19	19°♌38'03	-2°-46'-28	
minimum elong	-1279 Aug 25 j 07:14	19°♌26'48	2°45'09	
morning rise	-1279 Aug 31 j 09:02	13°♌59'35		
asc. node	-1279 Sep 02 j 21:42	13°♌18'28		
direct	-1279 Sep 03 j 03:15	13°♌18'10		
morning max el	-1279 Sep 09 j 16:39	16°♌51'58	18°16'05	
	-1279 Sep 19 j 06:35	0°♍		
morning set	-1279 Sep 28 j 10:32	14°♍58'07		
	-1279 Oct 07 j 16:02	0°♎		
superior conj	-1279 Oct 13 j 03:02	8°♎42'40	0°02'07	
minimum elong	-1279 Oct 13 j 03:18	8°♎43'42	0°02'05	
behind sun begin	-1279 Oct 12 j 16:18	8°♎00'08		
behind sun end	-1279 Oct 13 j 14:17	9°♎27'13		
desc. node	-1279 Oct 13 j 10:47	9°♎13'21		
max. Earth dist.	-1279 Oct 15 j 21:44	13°♎06'17	1.44856 AU	
	-1279 Oct 26 j 16:34	0°♏		
evening rise	-1279 Oct 29 j 16:29	4°♏40'33		
greatest brilliancy	-1279 Nov 14 j 07:49	28°♏40'37	-0.7m	
	-1279 Nov 15 j 05:45	0°♐		
evening max el	-1279 Nov 22 j 20:34	9°♐43'03	19°32'30	
asc. node	-1279 Nov 29 j 20:54	13°♐56'00		
retrograde	-1279 Nov 30 j 03:18	13°♐56'24		
evening set	-1279 Dec 03 j 12:29	12°♐49'26		
inferior conj	-1279 Dec 09 j 03:06	6°♐51'00	2°48'34	
minimum elong	-1279 Dec 09 j 00:12	7°♐00'27	2°47'43	
min. Earth dist.	-1279 Dec 10 j 06:49	5°♐20'47	0.66287 AU	
morning rise	-1279 Dec 14 j 11:10	0°♐37'24		
	-1279 Dec 15 j 05:00	30°℞♏		
direct	-1279 Dec 20 j 14:28	27°♏55'39		
	-1279 Dec 26 j 16:16	0°♐		
morning max el	-1278 Jan 01 j 22:59	5°♐14'25	25°51'05	
desc. node	-1278 Jan 09 j 10:01	13°♐46'38		
	-1278 Jan 21 j 01:22	0°♑		
morning set	-1278 Feb 07 j 04:08	28°♑36'17		
	-1278 Feb 07 j 22:16	0°♒		
max. Earth dist.	-1278 Feb 11 j 02:14	5°♒58'17	1.35792 AU	
superior conj	-1278 Feb 16 j 11:19	16°♒33'59	-1°-25'-37	
minimum elong	-1278 Feb 16 j 14:51	16°♒51'52	1°25'10	
	-1278 Feb 23 j 00:51	0°♓		
evening rise	-1278 Feb 24 j 10:34	2°♓52'35		
asc. node	-1278 Feb 25 j 20:16	5°♓43'21		
	-1278 Mar 12 j 13:37	0°♈		
evening max el	-1278 Mar 14 j 10:56	1°♈57'56	20°09'46	
retrograde	-1278 Mar 24 j 21:08	6°♈57'05		
evening set	-1278 Mar 27 j 01:06	6°♈45'06		
inferior conj	-1278 Apr 04 j 23:04	2°♈46'09	0°40'48	
minimum elong	-1278 Apr 05 j 00:53	2°♈43'27	0°40'11	
min. Earth dist.	-1278 Apr 06 j 19:41	1°♈39'31	0.55448 AU	
desc. node	-1278 Apr 07 j 09:10	1°♈19'48		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1278 Apr 09 j 19:36	30°℞♓	
morning rise	-1278 Apr 13 j 22:00	28°♓22'07	
direct	-1278 Apr 17 j 18:24	27°♓49'40	
	-1278 Apr 25 j 09:51	0°♈	
morning max el	-1278 May 01 j 10:49	4°♈34'48	23°44'44
	-1278 May 19 j 04:50	0°♉	
asc. node	-1278 May 24 j 19:37	11°♉10'12	
morning set	-1278 May 25 j 10:00	12°♉25'25	
superior conj	-1278 Jun 01 j 12:40	27°♉40'23	1°13'13
minimum elong	-1278 Jun 01 j 10:09	27°♉26'52	1°12'51
	-1278 Jun 02 j 14:42	0°♊	
max. Earth dist.	-1278 Jun 03 j 14:46	2°♊08'16	1.33496 AU
evening rise	-1278 Jun 09 j 01:09	13°♊22'51	
	-1278 Jun 17 j 21:07	0°♋	
desc. node	-1278 Jul 04 j 08:26	25°♋02'40	
	-1278 Jul 08 j 11:13	0°♌	
evening max el	-1278 Jul 12 j 15:36	4°♌22'21	27°24'24
retrograde	-1278 Jul 26 j 06:33	11°♌43'42	
evening set	-1278 Aug 02 j 10:16	9°♌02'26	
min. Earth dist.	-1278 Aug 06 j 01:44	5°♌46'39	0.63837 AU
inferior conj	-1278 Aug 08 j 14:28	3°♌08'53	-3°-34'-12
minimum elong	-1278 Aug 08 j 18:55	2°♌57'18	3°33'01
	-1278 Aug 11 j 20:18	30°℞♋	
morning rise	-1278 Aug 15 j 05:34	27°♋47'19	
direct	-1278 Aug 17 j 19:02	27°♋14'42	
asc. node	-1278 Aug 20 j 18:47	27°♋59'31	
	-1278 Aug 23 j 14:58	0°♌	
morning max el	-1278 Aug 24 j 08:05	0°♌40'43	17°56'52
morning set	-1278 Sep 10 j 06:56	26°♌44'14	
	-1278 Sep 12 j 04:23	0°♍	
superior conj	-1278 Sep 22 j 22:23	18°♍04'57	0°47'13
minimum elong	-1278 Sep 23 j 03:04	18°♍24'10	0°46'37
max. Earth dist.	-1278 Sep 28 j 14:33	27°♍15'37	1.44110 AU
desc. node	-1278 Sep 30 j 07:47	29°♍59'42	
	-1278 Sep 30 j 07:51	0°♎	
evening rise	-1278 Oct 09 j 00:55	13°♎36'44	
	-1278 Oct 19 j 19:44	0°♏	
greatest brilliancy	-1278 Oct 30 j 21:00	15°♏50'36	-0.5m
evening max el	-1278 Nov 05 j 23:21	23°♏10'29	20°32'39
retrograde	-1278 Nov 14 j 00:50	27°♏56'02	
asc. node	-1278 Nov 16 j 17:58	27°♏13'52	
evening set	-1278 Nov 17 j 19:13	26°♏34'19	
inferior conj	-1278 Nov 23 j 06:28	20°♏24'28	2°06'32
minimum elong	-1278 Nov 23 j 03:56	20°♏33'02	2°05'37
min. Earth dist.	-1278 Nov 23 j 21:45	19°♏32'38	0.67056 AU
morning rise	-1278 Nov 28 j 12:09	14°♏08'37	
direct	-1278 Dec 04 j 00:42	11°♏44'06	
morning max el	-1278 Dec 15 j 07:23	18°♏27'47	24°29'26
	-1278 Dec 25 j 01:02	0°♐	
desc. node	-1278 Dec 27 j 07:03	3°♐01'18	
	-1277 Jan 14 j 03:38	0°♑	
morning set	-1277 Jan 20 j 05:36	10°♑19'45	
max. Earth dist.	-1277 Jan 23 j 23:33	17°♑00'25	1.37683 AU
superior conj	-1277 Jan 30 j 19:17	29°♑47'46	-1°-45'-5
minimum elong	-1277 Jan 30 j 22:42	0°♒04'18	1°44'49
	-1277 Jan 30 j 21:49	0°♒	
evening rise	-1277 Feb 08 j 11:02	16°♒53'10	
asc. node	-1277 Feb 12 j 17:17	25°♒10'57	
	-1277 Feb 15 j 08:09	0°♓	
evening max el	-1277 Feb 25 j 05:04	13°♓55'50	19°10'03
retrograde	-1277 Mar 06 j 00:05	18°♓08'48	
evening set	-1277 Mar 08 j 06:18	17°♓53'20	
inferior conj	-1277 Mar 16 j 10:51	13°♓41'53	2°18'44
minimum elong	-1277 Mar 16 j 15:22	13°♓34'10	2°17'28
min. Earth dist.	-1277 Mar 19 j 11:04	11°♓39'33	0.56714 AU
morning rise	-1277 Mar 24 j 20:23	8°♓46'02	
desc. node	-1277 Mar 25 j 06:12	8°♓37'02	
direct	-1277 Mar 29 j 20:21	7°♓47'46	
morning max el	-1277 Apr 13 j 01:29	15°♓06'05	25°22'04
	-1277 Apr 24 j 22:51	0°♈	
morning set	-1277 May 09 j 21:59	27°♈25'05	
	-1277 May 11 j 03:14	0°♉	
asc. node	-1277 May 11 j 16:38	1°♉11'38	
superior conj	-1277 May 16 j 22:54	12°♉37'39	0°52'57
minimum elong	-1277 May 16 j 20:49	12°♉26'16	0°52'34
max. Earth dist.	-1277 May 17 j 23:24	14°♉51'04	1.32795 AU
evening rise	-1277 May 24 j 03:09	27°♉56'02	
	-1277 May 25 j 03:26	0°♊	
	-1277 Jun 11 j 04:15	0°♋	
desc. node	-1277 Jun 21 j 05:29	13°♋10'13	
evening max el	-1277 Jun 24 j 23:30	17°♋03'53	27°16'06
retrograde	-1277 Jul 08 j 20:18	24°♋23'01	
evening set	-1277 Jul 15 j 23:08	22°♋00'02	
min. Earth dist.	-1277 Jul 19 j 13:23	19°♋10'18	0.62043 AU
inferior conj	-1277 Jul 22 j 14:16	16°♋22'08	-4°-12'-34
minimum elong	-1277 Jul 22 j 18:08	16°♋13'12	4°11'56
morning rise	-1277 Jul 29 j 15:45	11°♋20'28	
direct	-1277 Aug 01 j 02:58	10°♋53'53	
asc. node	-1277 Aug 07 j 15:51	14°♋03'49	
morning max el	-1277 Aug 07 j 22:46	14°♋20'27	17°55'59
	-1277 Aug 18 j 16:46	0°♌	
morning set	-1277 Aug 24 j 00:02	9°♌29'49	
superior conj	-1277 Sep 03 j 20:57	28°♌47'49	1°20'11
minimum elong	-1277 Sep 04 j 01:56	29°♌09'12	1°19'41
	-1277 Sep 04 j 13:46	0°♍	
max. Earth dist.	-1277 Sep 11 j 03:24	11°♍00'02	1.42753 AU
desc. node	-1277 Sep 17 j 04:49	20°♍44'39	
evening rise	-1277 Sep 18 j 09:16	22°♍36'37	
	-1277 Sep 23 j 03:45	0°♎	
	-1277 Oct 14 j 02:50	0°♏	
greatest brilliancy	-1277 Oct 14 j 23:34	1°♏05'03	-0.4m
evening max el	-1277 Oct 19 j 20:15	6°♏38'06	21°44'20
retrograde	-1277 Oct 28 j 21:18	12°♏00'33	
evening set	-1277 Nov 02 j 03:02	10°♏21'47	
asc. node	-1277 Nov 03 j 15:00	8°♏59'14	
inferior conj	-1277 Nov 07 j 12:31	4°♏03'59	1°18'47
minimum elong	-1277 Nov 07 j 10:47	4°♏09'57	1°18'04
min. Earth dist.	-1277 Nov 07 j 16:38	3°♏49'45	0.67485 AU
	-1277 Nov 10 j 14:50	30°℞♎	
morning rise	-1277 Nov 12 j 18:16	27°♎48'25	
direct	-1277 Nov 17 j 15:27	25°♎45'30	
	-1277 Nov 25 j 21:12	0°♏	
morning max el	-1277 Nov 27 j 16:51	1°♏44'31	23°02'00
greatest brilliancy	-1277 Dec 02 j 13:25	7°♏11'08	-0.3m
desc. node	-1277 Dec 14 j 04:04	22°♏47'05	
	-1277 Dec 19 j 01:46	0°♐	
morning set	-1276 Jan 01 j 04:44	20°♐42'56	
max. Earth dist.	-1276 Jan 05 j 18:45	28°♐28'15	1.39785 AU
	-1276 Jan 06 j 15:57	0°♑	
superior conj	-1276 Jan 13 j 12:02	12°♑13'05	-1°-57'-26
minimum elong	-1276 Jan 13 j 13:53	12°♑21'34	1°57'24
	-1276 Jan 22 j 22:00	0°♒	
evening rise	-1276 Jan 23 j 02:45	0°♒22'43	
asc. node	-1276 Jan 30 j 14:18	14°♒13'18	
evening max el	-1276 Feb 08 j 08:05	26°♒26'21	18°30'13
	-1276 Feb 14 j 09:14	0°♓	
retrograde	-1276 Feb 15 j 21:46	0°♓08'55	
	-1276 Feb 17 j 10:54	30°℞♒	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening set	-1276 Feb 18 j 08:16	29°♒47'05	
inferior conj	-1276 Feb 25 j 19:08	25°♒15'31	3°21'19
minimum elong	-1276 Feb 25 j 22:49	25°♒08'12	3°20'39
min. Earth dist.	-1276 Feb 29 j 05:11	22°♒33'37	0.58553 AU
morning rise	-1276 Mar 04 j 09:37	19°♒51'45	
direct	-1276 Mar 10 j 11:23	18°♒17'14	
desc. node	-1276 Mar 11 j 03:14	18°♒18'21	
morning max el	-1276 Mar 24 j 18:56	25°♒53'30	26°42'12
	-1276 Mar 28 j 15:25	0°♓	
	-1276 Apr 17 j 04:18	0°♈	
morning set	-1276 Apr 23 j 08:37	12°♈20'33	
asc. node	-1276 Apr 27 j 13:39	21°♈20'51	
superior conj	-1276 Apr 30 j 10:34	27°♈37'59	0°29'56
minimum elong	-1276 Apr 30 j 09:17	27°♈30'54	0°29'41
max. Earth dist.	-1276 Apr 30 j 12:03	27°♈46'04	1.32452 AU
	-1276 May 01 j 12:28	0°♉	
evening rise	-1276 May 07 j 10:33	12°♉44'37	
	-1276 May 16 j 06:48	0°♊	
evening max el	-1276 Jun 06 j 01:49	29°♊04'26	26°34'42
desc. node	-1276 Jun 07 j 02:29	0°♋01'37	
	-1276 Jun 07 j 01:46	0°♋	
retrograde	-1276 Jun 20 j 02:03	6°♋20'12	
evening set	-1276 Jun 26 j 17:01	4°♋28'29	
min. Earth dist.	-1276 Jun 30 j 15:06	1°♋50'17	0.60031 AU
	-1276 Jul 02 j 22:15	30°℞♊	
inferior conj	-1276 Jul 03 j 23:15	29°♊09'02	-4°-34'-45
minimum elong	-1276 Jul 04 j 00:48	29°♊05'54	4°34'41
morning rise	-1276 Jul 11 j 11:51	24°♊29'45	
direct	-1276 Jul 13 j 23:01	24°♊07'15	
morning max el	-1276 Jul 21 j 09:51	27°♊43'57	18°14'26
	-1276 Jul 23 j 12:23	0°♋	
asc. node	-1276 Jul 24 j 12:53	1°♋16'17	
morning set	-1276 Aug 06 j 08:17	22°♋59'54	
	-1276 Aug 10 j 01:15	0°♌	
superior conj	-1276 Aug 15 j 21:09	10°♌47'11	1°39'41
minimum elong	-1276 Aug 16 j 00:09	11°♌00'47	1°39'31
max. Earth dist.	-1276 Aug 23 j 10:56	24°♌06'04	1.40958 AU
	-1276 Aug 26 j 23:22	0°♍	
evening rise	-1276 Aug 28 j 10:49	2°♍25'37	
desc. node	-1276 Sep 03 j 01:50	11°♍24'43	
	-1276 Sep 15 j 13:02	0°♎	
greatest brilliancy	-1276 Sep 26 j 02:50	14°♎04'56	-0.2m
evening max el	-1276 Oct 01 j 11:52	20°♎07'02	23°03'06
retrograde	-1276 Oct 11 j 15:17	26°♎07'39	
evening set	-1276 Oct 16 j 10:19	24°♎10'19	
asc. node	-1276 Oct 20 j 12:02	19°♎35'27	
inferior conj	-1276 Oct 21 j 19:28	17°♎48'09	0°27'02
minimum elong	-1276 Oct 21 j 18:50	17°♎50'20	0°26'45
min. Earth dist.	-1276 Oct 21 j 13:07	18°♎09'59	0.67590 AU
morning rise	-1276 Oct 27 j 03:21	11°♎35'25	
direct	-1276 Oct 31 j 09:52	9°♎55'03	
morning max el	-1276 Nov 09 j 06:59	15°♎08'35	21°37'35
greatest brilliancy	-1276 Nov 14 j 06:52	20°♎50'46	-0.4m
	-1276 Nov 21 j 03:38	0°♏	
desc. node	-1276 Nov 30 j 01:07	12°♏55'24	
morning set	-1276 Dec 10 j 22:52	29°♏43'30	
	-1276 Dec 11 j 03:02	0°♐	
max. Earth dist.	-1276 Dec 17 j 19:21	10°♐49'25	1.41815 AU
superior conj	-1276 Dec 25 j 08:12	23°♐36'41	-1°-58'-45
minimum elong	-1276 Dec 25 j 06:34	23°♐29'34	1°58'45
	-1276 Dec 28 j 23:15	0°♑	
evening rise	-1275 Jan 05 j 06:19	13°♑13'39	
	-1275 Jan 14 j 17:52	0°♒	
asc. node	-1275 Jan 16 j 11:19	2°♒42'08	
evening max el	-1275 Jan 21 j 17:02	9°♒20'47	18°10'20
retrograde	-1275 Jan 28 j 13:06	12°♒48'55	
evening set	-1275 Jan 31 j 03:25	12°♒19'26	
inferior conj	-1275 Feb 06 j 23:27	7°♒26'00	3°50'13
minimum elong	-1275 Feb 07 j 00:45	7°♒22'59	3°50'07
min. Earth dist.	-1275 Feb 10 j 05:11	4°♒27'46	0.60619 AU
morning rise	-1275 Feb 13 j 19:12	1°♒42'12	
	-1275 Feb 17 j 09:05	30°℞♑	
direct	-1275 Feb 20 j 13:40	29°♑30'55	
	-1275 Feb 23 j 20:34	0°♒	
desc. node	-1275 Feb 26 j 00:16	0°♒48'25	
morning max el	-1275 Mar 06 j 18:35	7°♒16'58	27°32'12
	-1275 Mar 23 j 23:31	0°♓	
morning set	-1275 Apr 07 j 16:04	27°♓04'09	
	-1275 Apr 09 j 01:51	0°♈	
max. Earth dist.	-1275 Apr 14 j 00:45	10°♈38'29	1.32459 AU
asc. node	-1275 Apr 14 j 10:40	11°♈32'39	
superior conj	-1275 Apr 14 j 21:56	12°♈34'16	0°04'59
minimum elong	-1275 Apr 14 j 21:43	12°♈33'02	0°04'56
behind sun begin	-1275 Apr 14 j 16:54	12°♈06'42	
behind sun end	-1275 Apr 15 j 02:31	12°♈59'23	
evening rise	-1275 Apr 21 j 21:02	27°♈39'29	
	-1275 Apr 22 j 23:52	0°♉	
	-1275 May 10 j 03:00	0°♊	
evening max el	-1275 May 18 j 21:14	10°♊19'51	25°23'55
desc. node	-1275 May 24 j 23:30	15°♊05'14	
retrograde	-1275 Jun 01 j 22:16	17°♊30'20	
evening set	-1275 Jun 07 j 12:27	16°♊17'08	
min. Earth dist.	-1275 Jun 12 j 09:08	13°♊32'33	0.58007 AU
inferior conj	-1275 Jun 15 j 13:50	11°♊19'00	-4°-30'-40
minimum elong	-1275 Jun 15 j 11:21	11°♊23'22	4°30'28
morning rise	-1275 Jun 23 j 14:08	7°♊02'15	
direct	-1275 Jun 26 j 02:32	6°♊42'48	
morning max el	-1275 Jul 04 j 14:22	10°♊41'58	18°53'16
asc. node	-1275 Jul 11 j 09:56	19°♊21'44	
	-1275 Jul 17 j 11:48	0°♋	
morning set	-1275 Jul 21 j 03:19	7°♋02'26	
superior conj	-1275 Jul 29 j 17:21	23°♋47'03	1°47'30
minimum elong	-1275 Jul 29 j 18:03	23°♋50'22	1°47'30
	-1275 Aug 02 j 00:43	0°♌	
max. Earth dist.	-1275 Aug 05 j 14:01	6°♌27'58	1.38963 AU
evening rise	-1275 Aug 09 j 13:18	13°♌25'16	
	-1275 Aug 19 j 16:56	0°♍	
desc. node	-1275 Aug 20 j 22:52	1°♍55'34	
	-1275 Sep 10 j 13:51	0°♎	
evening max el	-1275 Sep 14 j 00:02	3°♎38'41	24°23'06
retrograde	-1275 Sep 25 j 05:48	10°♎13'53	
evening set	-1275 Sep 30 j 15:22	7°♎58'01	
min. Earth dist.	-1275 Oct 05 j 08:51	2°♎31'30	0.67373 AU
inferior conj	-1275 Oct 06 j 01:36	1°♎35'16	0°-27'-9
minimum elong	-1275 Oct 06 j 02:15	1°♎33'03	0°26'53
asc. node	-1275 Oct 07 j 09:06	29°♍50'54	
	-1275 Oct 07 j 06:18	30°℞♍	
morning rise	-1275 Oct 11 j 13:28	25°♍28'06	
direct	-1275 Oct 15 j 06:56	24°♍08'31	
morning max el	-1275 Oct 23 j 04:19	28°♍42'51	20°22'38
	-1275 Oct 24 j 09:29	0°♎	
greatest brilliancy	-1275 Oct 29 j 17:30	6°♎35'10	-0.5m
	-1275 Nov 14 j 17:56	0°♏	
desc. node	-1275 Nov 16 j 22:10	3°♏19'54	
morning set	-1275 Nov 19 j 21:32	7°♏55'02	
max. Earth dist.	-1275 Nov 30 j 03:26	24°♏03'54	1.43482 AU
	-1275 Dec 03 j 19:20	0°♐	
superior conj	-1275 Dec 06 j 02:44	3°♐47'39	-1°-44'-44

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1275 Dec 05 j 20:37	3°♐22'23	1°44'20
evening rise	-1275 Dec 18 j 17:42	25°♐18'19	
	-1275 Dec 21 j 10:15	0°♑	
asc. node	-1274 Jan 03 j 08:22	20°♑27'42	
evening max el	-1274 Jan 05 j 05:06	22°♑32'06	18°09'58
retrograde	-1274 Jan 11 j 17:47	25°♑59'15	
evening set	-1274 Jan 14 j 11:54	25°♑21'12	
inferior conj	-1274 Jan 20 j 20:22	20°♑06'47	3°53'12
minimum elong	-1274 Jan 20 j 19:29	20°♑09'07	3°53'09
min. Earth dist.	-1274 Jan 23 j 13:56	17°♑15'38	0.62614 AU
morning rise	-1274 Jan 27 j 01:02	14°♑09'57	
direct	-1274 Feb 03 j 01:24	11°♑31'30	
desc. node	-1274 Feb 12 j 21:19	15°♑42'30	
morning max el	-1274 Feb 17 j 00:07	19°♑21'47	27°45'39
	-1274 Feb 26 j 02:08	0°♒	
	-1274 Mar 16 j 20:17	0°♓	
morning set	-1274 Mar 22 j 18:12	11°♓28'39	
max. Earth dist.	-1274 Mar 28 j 09:28	23°♓13'55	1.32841 AU
superior conj	-1274 Mar 30 j 07:23	27°♓20'59	0°-21'-7
minimum elong	-1274 Mar 30 j 08:22	27°♓26'19	0°20'55
	-1274 Mar 31 j 12:44	0°♈	
asc. node	-1274 Apr 01 j 07:43	1°♈43'04	
evening rise	-1274 Apr 06 j 08:47	12°♈34'05	
	-1274 Apr 15 j 06:21	0°♉	
evening max el	-1274 Apr 30 j 12:18	21°♉03'09	23°54'01
desc. node	-1274 May 11 j 20:31	27°♉44'21	
retrograde	-1274 May 14 j 06:56	27°♉57'53	
evening set	-1274 May 18 j 11:18	27°♉19'06	
min. Earth dist.	-1274 May 24 j 23:25	24°♉12'51	0.56292 AU
inferior conj	-1274 May 27 j 08:13	22°♉45'50	-3°-48'-19
minimum elong	-1274 May 27 j 01:57	22°♉55'30	3°47'01
morning rise	-1274 Jun 04 j 20:23	18°♉46'14	
direct	-1274 Jun 07 j 10:40	18°♉28'53	
morning max el	-1274 Jun 17 j 09:38	23°♉05'20	19°52'56
	-1274 Jun 23 j 05:44	0°♊	
asc. node	-1274 Jun 28 j 07:00	8°♊07'58	
morning set	-1274 Jul 05 j 05:56	21°♊29'08	
	-1274 Jul 09 j 10:29	0°♋	
superior conj	-1274 Jul 13 j 04:10	7°♋31'56	1°46'03
minimum elong	-1274 Jul 13 j 03:04	7°♋26'30	1°46'01
max. Earth dist.	-1274 Jul 18 j 17:31	18°♋19'51	1.37034 AU
evening rise	-1274 Jul 22 j 15:39	25°♋34'46	
	-1274 Jul 25 j 03:14	0°♌	
desc. node	-1274 Aug 07 j 19:53	22°♌11'57	
	-1274 Aug 13 j 05:51	0°♍	
evening max el	-1274 Aug 27 j 11:11	17°♍13'15	25°37'00
retrograde	-1274 Sep 08 j 15:56	24°♍13'58	
evening set	-1274 Sep 14 j 16:19	21°♍41'58	
min. Earth dist.	-1274 Sep 19 j 01:26	16°♍51'31	0.66838 AU
inferior conj	-1274 Sep 20 j 05:08	15°♍22'36	-1°-22'-17
minimum elong	-1274 Sep 20 j 07:10	15°♍16'04	1°21'27
asc. node	-1274 Sep 24 j 06:11	10°♍42'55	
morning rise	-1274 Sep 25 j 22:42	9°♍23'52	
direct	-1274 Sep 29 j 05:15	8°♍21'56	
morning max el	-1274 Oct 06 j 09:00	12°♍25'45	19°20'59
greatest brilliancy	-1274 Oct 16 j 04:57	25°♍15'34	-0.7m
	-1274 Oct 19 j 08:51	0°♎	
morning set	-1274 Oct 29 j 23:36	16°♎24'01	
desc. node	-1274 Nov 03 j 19:13	23°♎54'59	
	-1274 Nov 07 j 16:29	0°♏	
max. Earth dist.	-1274 Nov 12 j 17:33	7°♏56'22	1.44576 AU
superior conj	-1274 Nov 15 j 18:50	12°♏46'58	-1°-12'-47
minimum elong	-1274 Nov 15 j 11:02	12°♏15'56	1°11'57
	-1274 Nov 26 j 10:30	0°♐	
evening rise	-1274 Nov 30 j 08:17	6°♐27'11	
	-1274 Dec 14 j 23:49	0°♑	
evening max el	-1274 Dec 19 j 17:29	5°♑53'09	18°28'24
asc. node	-1274 Dec 21 j 05:26	7°♑16'46	
retrograde	-1274 Dec 26 j 07:22	9°♑30'34	
evening set	-1274 Dec 29 j 06:08	8°♑42'38	
inferior conj	-1273 Jan 04 j 05:53	3°♑09'11	3°37'46
minimum elong	-1273 Jan 04 j 03:36	3°♑15'50	3°37'25
min. Earth dist.	-1273 Jan 06 j 08:26	0°♑42'39	0.64339 AU
	-1273 Jan 06 j 23:41	30°℞♐	
morning rise	-1273 Jan 09 j 23:41	27°♐03'51	
direct	-1273 Jan 16 j 20:42	24°♐13'10	
	-1273 Jan 28 j 06:21	0°♑	
morning max el	-1273 Jan 30 j 08:55	1°♑59'48	27°23'25
desc. node	-1273 Jan 30 j 18:23	2°♑23'36	
	-1273 Feb 20 j 06:53	0°♒	
morning set	-1273 Mar 06 j 12:17	25°♒24'47	
	-1273 Mar 08 j 19:38	0°♓	
max. Earth dist.	-1273 Mar 11 j 10:15	5°♓19'55	1.33635 AU
superior conj	-1273 Mar 14 j 13:01	11°♓51'51	0°-47'-19
minimum elong	-1273 Mar 14 j 15:14	12°♓03'33	0°46'55
asc. node	-1273 Mar 19 j 04:47	21°♓47'50	
evening rise	-1273 Mar 21 j 19:57	27°♓22'06	
	-1273 Mar 23 j 02:19	0°♈	
	-1273 Apr 10 j 13:19	0°♉	
evening max el	-1273 Apr 12 j 05:18	1°♉41'48	22°19'18
retrograde	-1273 Apr 25 j 02:58	8°♉01'18	
evening set	-1273 Apr 28 j 01:01	7°♉42'33	
desc. node	-1273 Apr 28 j 17:32	7°♉32'55	
min. Earth dist.	-1273 May 06 j 12:46	4°♉02'57	0.55241 AU
inferior conj	-1273 May 07 j 09:30	3°♉33'36	-2°-22'-12
minimum elong	-1273 May 07 j 03:26	3°♉42'11	2°20'19
	-1273 May 14 j 22:08	30°℞♈	
morning rise	-1273 May 16 j 07:45	29°♈38'31	
direct	-1273 May 19 j 02:58	29°♈20'40	
	-1273 May 23 j 04:06	0°♉	
morning max el	-1273 May 30 j 17:55	4°♉46'58	21°12'21
asc. node	-1273 Jun 15 j 04:05	27°♉25'05	
	-1273 Jun 16 j 11:51	0°♊	
morning set	-1273 Jun 19 j 13:41	6°♊13'28	
superior conj	-1273 Jun 27 j 01:18	21°♊49'24	1°37'25
minimum elong	-1273 Jun 26 j 23:09	21°♊38'16	1°37'16
max. Earth dist.	-1273 Jul 01 j 03:55	0°♋10'28	1.35371 AU
	-1273 Jul 01 j 01:49	0°♋	
evening rise	-1273 Jul 05 j 13:11	8°♋42'01	
	-1273 Jul 17 j 17:29	0°♌	
desc. node	-1273 Jul 25 j 16:54	12°♌07'22	
	-1273 Aug 09 j 03:30	0°♍	
evening max el	-1273 Aug 09 j 22:55	0°♍47'47	26°36'50
retrograde	-1273 Aug 22 j 21:02	8°♍02'35	
evening set	-1273 Aug 29 j 11:03	5°♍19'44	
min. Earth dist.	-1273 Sep 02 j 12:27	1°♍07'06	0.65964 AU
	-1273 Sep 03 j 10:51	30°℞♌	
inferior conj	-1273 Sep 04 j 04:10	29°♌07'45	-2°-16'-30
minimum elong	-1273 Sep 04 j 07:29	28°♌57'46	2°15'16
morning rise	-1273 Sep 10 j 05:01	23°♌20'40	
asc. node	-1273 Sep 11 j 03:16	22°♌55'05	
direct	-1273 Sep 13 j 03:04	22°♌32'41	
morning max el	-1273 Sep 19 j 19:44	26°♌14'59	18°34'56
	-1273 Sep 23 j 01:13	0°♍	
morning set	-1273 Oct 10 j 01:11	26°♍06'06	
	-1273 Oct 12 j 11:32	0°♎	
desc. node	-1273 Oct 21 j 16:16	14°♎37'17	
superior conj	-1273 Oct 25 j 19:32	21°♎08'26	0°-26'-38

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1273 Oct 25 j 16:01	20°♎54'35	0°26'11	
max. Earth dist.	-1273 Oct 26 j 11:34	22°♎11'31	1.44975 AU	
	-1273 Oct 31 j 10:43	0°♏		
evening rise	-1273 Nov 10 j 22:58	16°♏36'02		
	-1273 Nov 19 j 09:44	0°♐		
evening max el	-1273 Dec 03 j 03:43	19°♐19'17	19°04'25	
asc. node	-1273 Dec 08 j 02:29	22°♐54'44		
retrograde	-1273 Dec 10 j 02:12	23°♐16'39		
evening set	-1273 Dec 13 j 07:08	22°♐17'07		
inferior conj	-1273 Dec 19 j 00:30	16°♐27'03	3°09'20	
minimum elong	-1273 Dec 18 j 21:38	16°♐36'04	3°08'37	
min. Earth dist.	-1273 Dec 20 j 12:09	14°♐35'07	0.65696 AU	
morning rise	-1273 Dec 24 j 11:13	10°♐16'00		
direct	-1273 Dec 30 j 22:17	7°♐27'43		
morning max el	-1272 Jan 12 j 18:28	14°♐59'41	26°31'13	
desc. node	-1272 Jan 17 j 15:27	20°♐21'10		
	-1272 Jan 25 j 02:48	0°♑		
	-1272 Feb 13 j 01:01	0°♒		
morning set	-1272 Feb 17 j 18:38	8°♒41'16		
max. Earth dist.	-1272 Feb 22 j 00:06	16°♒51'39	1.34881 AU	
superior conj	-1272 Feb 26 j 12:38	25°♒59'57	-1°-12'-23	
minimum elong	-1272 Feb 26 j 15:50	26°♒16'26	1°11'53	
	-1272 Feb 28 j 11:01	0°♓		
evening rise	-1272 Mar 05 j 04:42	11°♓57'22		
asc. node	-1272 Mar 05 j 01:50	11°♓42'30		
	-1272 Mar 14 j 16:25	0°♈		
evening max el	-1272 Mar 24 j 06:22	12°♈42'15	20°52'34	
retrograde	-1272 Apr 04 j 15:55	18°♈11'16		
evening set	-1272 Apr 06 j 22:33	17°♈59'01		
desc. node	-1272 Apr 14 j 14:35	14°♈54'10		
inferior conj	-1272 Apr 16 j 03:57	14°♈01'28	0°-26'-32	
minimum elong	-1272 Apr 16 j 02:42	14°♈03'15	0°26'05	
min. Earth dist.	-1272 Apr 17 j 02:10	13°♈29'51	0.55100 AU	
morning rise	-1272 Apr 25 j 05:48	9°♈53'16		
direct	-1272 Apr 28 j 14:09	9°♈29'00		
morning max el	-1272 May 11 j 15:50	15°♈47'18	22°47'03	
	-1272 May 22 j 18:12	0°♉		
asc. node	-1272 Jun 01 j 01:08	17°♉04'22		
morning set	-1272 Jun 03 j 00:27	21°♉08'26		
	-1272 Jun 07 j 04:40	0°♊		
superior conj	-1272 Jun 10 j 05:25	6°♊28'24	1°23'19	
minimum elong	-1272 Jun 10 j 02:52	6°♊14'52	1°23'00	
max. Earth dist.	-1272 Jun 13 j 00:05	12°♊19'28	1.34069 AU	
evening rise	-1272 Jun 18 j 00:48	22°♊31'46		
	-1272 Jun 21 j 22:19	0°♋		
	-1272 Jul 10 j 10:51	0°♌		
desc. node	-1272 Jul 11 j 13:55	1°♌31'52		
evening max el	-1272 Jul 22 j 10:40	14°♌11'25	27°14'59	
retrograde	-1272 Aug 04 j 20:27	21°♌31'21		
evening set	-1272 Aug 11 j 20:56	18°♌46'14		
min. Earth dist.	-1272 Aug 15 j 15:29	15°♌10'58	0.64723 AU	
inferior conj	-1272 Aug 17 j 20:23	12°♌45'18	-3°-7'-30	
minimum elong	-1272 Aug 18 j 00:37	12°♌33'36	3°06'12	
morning rise	-1272 Aug 24 j 05:55	7°♌13'24		
direct	-1272 Aug 26 j 21:55	6°♌35'57		
asc. node	-1272 Aug 28 j 00:20	6°♌42'22		
morning max el	-1272 Sep 02 j 10:11	10°♌05'14	18°05'44	
	-1272 Sep 16 j 00:22	0°♍		
morning set	-1272 Sep 20 j 07:02	7°♍10'45		
superior conj	-1272 Oct 04 j 02:28	29°♍52'50	0°22'25	
minimum elong	-1272 Oct 04 j 05:07	0°♎03'28	0°22'02	
	-1272 Oct 04 j 04:15	0°♎		
desc. node	-1272 Oct 07 j 13:18	5°♎23'05		
max. Earth dist.	-1272 Oct 08 j 06:15	6°♎30'17	1.44632 AU	

evening rise	-1272 Oct 20 j 15:37	25°♎51'48		
	-1272 Oct 23 j 07:56	0°♏		
greatest brilliancy	-1272 Nov 08 j 02:39	23°♏39'50	-0.6m	
	-1272 Nov 12 j 22:14	0°♐		
evening max el	-1272 Nov 15 j 09:38	2°♐46'59	19°56'24	
retrograde	-1272 Nov 22 j 23:27	7°♐12'49		
asc. node	-1272 Nov 23 j 23:31	7°♐07'04		
evening set	-1272 Nov 26 j 12:24	5°♐59'40		
inferior conj	-1272 Dec 02 j 01:22	29°♏55'56	2°31'33	
minimum elong	-1272 Dec 01 j 22:34	0°♐05'14	2°30'38	
	-1272 Dec 02 j 00:08	30°℞♏		
min. Earth dist.	-1272 Dec 02 j 23:32	28°♏42'19	0.66666 AU	
morning rise	-1272 Dec 07 j 08:08	23°♏41'20		
direct	-1272 Dec 13 j 05:21	21°♏06'21		
morning max el	-1272 Dec 25 j 03:20	28°♏10'55	25°17'41	
	-1272 Dec 26 j 21:07	0°♐		
desc. node	-1271 Jan 03 j 12:31	9°♐12'44		
	-1271 Jan 17 j 20:36	0°♑		
morning set	-1271 Jan 30 j 08:25	21°♑03'58		
max. Earth dist.	-1271 Feb 03 j 02:48	27°♑59'15	1.36562 AU	
	-1271 Feb 04 j 04:25	0°♒		
superior conj	-1271 Feb 09 j 03:22	9°♒36'55	-1°-34'-33	
minimum elong	-1271 Feb 09 j 07:00	9°♒54'55	1°34'09	
evening rise	-1271 Feb 17 j 08:56	26°♒13'27		
	-1271 Feb 19 j 06:12	0°♓		
asc. node	-1271 Feb 19 j 22:51	1°♓22'13		
evening max el	-1271 Mar 06 j 18:18	24°♓18'50	19°41'53	
retrograde	-1271 Mar 16 j 10:54	28°♓56'57		
evening set	-1271 Mar 18 j 15:18	28°♓43'53		
inferior conj	-1271 Mar 27 j 06:10	24°♓40'33	1°26'15	
minimum elong	-1271 Mar 27 j 09:37	24°♓35'07	1°25'08	
min. Earth dist.	-1271 Mar 29 j 16:26	23°♓09'19	0.55896 AU	
desc. node	-1271 Apr 01 j 11:37	21°♓33'21		
morning rise	-1271 Apr 05 j 00:35	20°♓03'34		
direct	-1271 Apr 09 j 08:09	19°♓22'02		
morning max el	-1271 Apr 23 j 07:34	26°♓22'35	24°27'23	
	-1271 Apr 26 j 18:26	0°♈		
	-1271 May 15 j 12:53	0°♉		
morning set	-1271 May 18 j 12:28	6°♉08'26		
asc. node	-1271 May 18 j 22:11	6°♉59'40		
superior conj	-1271 May 25 j 14:01	21°♉21'13	1°05'00	
minimum elong	-1271 May 25 j 11:38	21°♉08'18	1°04'37	
max. Earth dist.	-1271 May 27 j 05:00	24°♉51'35	1.33153 AU	
	-1271 May 29 j 14:54	0°♊		
evening rise	-1271 Jun 01 j 22:29	6°♊52'02		
	-1271 Jun 14 j 11:08	0°♋		
desc. node	-1271 Jun 28 j 10:54	20°♋12'25		
evening max el	-1271 Jul 04 j 20:29	27°♋11'14	27°24'49	
	-1271 Jul 08 j 01:44	0°♌		
retrograde	-1271 Jul 18 j 13:52	4°♌31'32		
evening set	-1271 Jul 25 j 18:36	1°♌56'06		
	-1271 Jul 28 j 03:56	30°℞♋		
min. Earth dist.	-1271 Jul 29 j 08:44	28°♋53'08	0.63114 AU	
inferior conj	-1271 Aug 01 j 03:02	26°♋09'11	-3°-51'-56	
minimum elong	-1271 Aug 01 j 07:25	25°♋58'20	3°50'58	
morning rise	-1271 Aug 07 j 22:28	20°♋55'55		
direct	-1271 Aug 10 j 10:47	20°♋26'03		
asc. node	-1271 Aug 14 j 21:23	22°♋00'22		
morning max el	-1271 Aug 17 j 01:37	23°♋50'51	17°54'16	
	-1271 Aug 21 j 23:49	0°♌		
morning set	-1271 Sep 02 j 12:55	19°♌24'00		
	-1271 Sep 08 j 14:29	0°♍		
superior conj	-1271 Sep 14 j 09:02	9°♍48'32	1°02'53	
minimum elong	-1271 Sep 14 j 14:16	10°♍10'24	1°02'16	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

max. Earth dist.	-1271 Sep 20 j 21:58	20°♍32'16	1.43598 AU
desc. node	-1271 Sep 24 j 10:18	26°♍09'14	
	-1271 Sep 26 j 20:51	0°♎	
evening rise	-1271 Sep 29 j 21:37	4°♎43'24	
	-1271 Oct 16 j 18:47	0°♏	
greatest brilliancy	-1271 Oct 23 j 22:51	9°♏49'55	-0.5m
evening max el	-1271 Oct 29 j 09:51	16°♏14'16	21°01'53
retrograde	-1271 Nov 06 j 20:49	21°♏15'19	
evening set	-1271 Nov 10 j 19:49	19°♏46'24	
asc. node	-1271 Nov 10 j 20:33	19°♏45'00	
inferior conj	-1271 Nov 16 j 06:06	13°♏32'28	1°46'53
minimum elong	-1271 Nov 16 j 03:52	13°♏40'07	1°46'01
min. Earth dist.	-1271 Nov 16 j 16:25	12°♏57'06	0.67277 AU
morning rise	-1271 Nov 21 j 11:33	7°♏16'28	
direct	-1271 Nov 26 j 17:25	5°♏01'07	
morning max el	-1271 Dec 07 j 12:01	11°♏26'36	23°52'27
desc. node	-1271 Dec 21 j 09:33	28°♏42'06	
	-1271 Dec 22 j 07:41	0°♐	
	-1270 Jan 10 j 15:34	0°♑	
morning set	-1270 Jan 11 j 23:25	2°♑15'24	
max. Earth dist.	-1270 Jan 15 j 22:34	9°♑09'44	1.38568 AU
superior conj	-1270 Jan 23 j 05:25	22°♑31'34	-1°-51'-25
minimum elong	-1270 Jan 23 j 08:24	22°♑45'37	1°51'14
	-1270 Jan 27 j 02:54	0°♒	
evening rise	-1270 Feb 01 j 06:05	10°♒02'11	
asc. node	-1270 Feb 06 j 19:52	20°♒40'19	
	-1270 Feb 12 j 09:35	0°♓	
evening max el	-1270 Feb 17 j 16:26	6°♓31'15	18°50'34
retrograde	-1270 Feb 25 j 21:49	10°♓29'45	
evening set	-1270 Feb 28 j 05:39	10°♓11'56	
inferior conj	-1270 Mar 08 j 02:27	5°♓52'18	2°49'47
minimum elong	-1270 Mar 08 j 06:56	5°♓44'06	2°48'41
min. Earth dist.	-1270 Mar 11 j 08:49	3°♓30'32	0.57444 AU
morning rise	-1270 Mar 16 j 04:08	0°♓43'16	
	-1270 Mar 18 j 04:23	30°℞♒	
desc. node	-1270 Mar 19 j 08:40	29°♒43'26	
direct	-1270 Mar 21 j 15:31	29°♒30'37	
	-1270 Mar 25 j 03:22	0°♓	
morning max el	-1270 Apr 04 j 23:05	6°♓58'28	25°59'10
	-1270 Apr 21 j 23:21	0°♈	
morning set	-1270 May 03 j 00:04	21°♈07'06	
asc. node	-1270 May 05 j 19:13	27°♈05'03	
	-1270 May 07 j 03:28	0°♉	
superior conj	-1270 May 10 j 01:04	6°♉20'29	0°43'28
minimum elong	-1270 May 09 j 23:16	6°♉10'42	0°43'07
max. Earth dist.	-1270 May 10 j 15:40	7°♉40'25	1.32602 AU
evening rise	-1270 May 17 j 03:03	21°♉32'24	
	-1270 May 21 j 07:56	0°♊	
	-1270 Jun 08 j 16:11	0°♋	
desc. node	-1270 Jun 15 j 07:55	7°♋50'37	
evening max el	-1270 Jun 17 j 02:00	9°♋35'17	27°02'23
retrograde	-1270 Jul 01 j 00:36	16°♋53'54	
evening set	-1270 Jul 07 j 23:57	14°♋42'26	
min. Earth dist.	-1270 Jul 11 j 15:52	11°♋59'58	0.61198 AU
inferior conj	-1270 Jul 14 j 20:56	9°♋11'58	-4°-24'-32
minimum elong	-1270 Jul 15 j 00:03	9°♋05'08	4°24'09
morning rise	-1270 Jul 22 j 03:07	4°♋20'00	
direct	-1270 Jul 24 j 14:00	3°♋55'26	
morning max el	-1270 Jul 31 j 15:12	7°♋25'00	18°01'30
asc. node	-1270 Aug 01 j 18:26	8°♋35'35	
	-1270 Aug 15 j 04:29	0°♌	
morning set	-1270 Aug 16 j 13:01	2°♌29'53	
superior conj	-1270 Aug 26 j 19:06	21°♌05'55	1°30'02
minimum elong	-1270 Aug 26 j 23:22	21°♌24'42	1°29'41
	-1270 Aug 31 j 22:53	0°♍	
max. Earth dist.	-1270 Sep 03 j 08:13	4°♍00'23	1.42018 AU
evening rise	-1270 Sep 09 j 11:31	13°♍59'23	
desc. node	-1270 Sep 11 j 07:19	16°♍52'43	
	-1270 Sep 19 j 20:45	0°♎	
greatest brilliancy	-1270 Oct 07 j 10:37	24°♎22'18	-0.3m
evening max el	-1270 Oct 12 j 04:14	29°♎42'16	22°17'18
	-1270 Oct 12 j 11:18	0°♏	
retrograde	-1270 Oct 21 j 16:34	5°♏21'47	
evening set	-1270 Oct 26 j 03:39	3°♏35'20	
asc. node	-1270 Oct 28 j 17:36	0°♏57'24	
	-1270 Oct 29 j 11:58	30°℞♎	
inferior conj	-1270 Oct 31 j 12:47	27°♎14'59	0°57'16
minimum elong	-1270 Oct 31 j 11:29	27°♎19'28	0°56'43
min. Earth dist.	-1270 Oct 31 j 12:24	27°♎16'19	0.67560 AU
morning rise	-1270 Nov 05 j 19:10	21°♎00'04	
direct	-1270 Nov 10 j 09:54	19°♎06'52	
morning max el	-1270 Nov 19 j 23:09	24°♎46'54	22°25'18
greatest brilliancy	-1270 Nov 24 j 14:52	0°♏00'41	-0.3m
	-1270 Nov 24 j 14:38	0°♏	
desc. node	-1270 Dec 08 j 06:37	18°♏38'53	
	-1270 Dec 15 j 19:32	0°♐	
morning set	-1270 Dec 23 j 10:10	12°♐03'19	
max. Earth dist.	-1270 Dec 28 j 19:03	20°♐57'27	1.40674 AU
	-1269 Jan 03 j 00:48	0°♑	
superior conj	-1269 Jan 05 j 14:08	4°♑32'41	-1°-59'-35
minimum elong	-1269 Jan 05 j 14:44	4°♑35'23	1°59'37
evening rise	-1269 Jan 15 j 17:08	23°♑16'42	
	-1269 Jan 19 j 07:30	0°♒	
asc. node	-1269 Jan 24 j 16:53	9°♒29'54	
evening max el	-1269 Jan 31 j 22:23	19°♒13'29	18°19'18
retrograde	-1269 Feb 08 j 03:17	22°♒47'57	
evening set	-1269 Feb 10 j 15:22	22°♒23'07	
inferior conj	-1269 Feb 17 j 19:36	17°♒42'36	3°37'12
minimum elong	-1269 Feb 17 j 22:19	17°♒36'49	3°36'50
min. Earth dist.	-1269 Feb 21 j 05:21	14°♒50'21	0.59429 AU
morning rise	-1269 Feb 25 j 01:46	12°♒09'06	
direct	-1269 Mar 03 j 12:04	10°♒17'57	
desc. node	-1269 Mar 06 j 05:43	10°♒37'25	
morning max el	-1269 Mar 17 j 19:01	17°♒59'56	27°07'31
	-1269 Mar 27 j 19:46	0°♓	
	-1269 Apr 14 j 11:20	0°♈	
morning set	-1269 Apr 17 j 09:34	5°♈58'15	
asc. node	-1269 Apr 22 j 16:14	17°♈15'57	
max. Earth dist.	-1269 Apr 24 j 04:36	20°♈34'53	1.32410 AU
superior conj	-1269 Apr 24 j 12:49	21°♈20'01	0°19'32
minimum elong	-1269 Apr 24 j 11:57	21°♈15'16	0°19'21
	-1269 Apr 28 j 12:00	0°♉	
evening rise	-1269 May 01 j 12:00	6°♉24'28	
	-1269 May 13 j 23:23	0°♊	
evening max el	-1269 May 30 j 01:19	21°♊16'07	26°07'45
desc. node	-1269 Jun 02 j 04:56	24°♊00'23	
retrograde	-1269 Jun 13 j 02:53	28°♊30'47	
evening set	-1269 Jun 19 j 08:32	26°♊55'20	
min. Earth dist.	-1269 Jun 23 j 14:13	24°♊16'16	0.59144 AU
inferior conj	-1269 Jun 26 j 22:28	21°♊44'12	-4°-37'-2
minimum elong	-1269 Jun 26 j 22:27	21°♊44'14	4°37'01
morning rise	-1269 Jul 04 j 15:59	17°♊14'41	
direct	-1269 Jul 07 j 03:22	16°♊53'43	
morning max el	-1269 Jul 14 j 23:52	20°♊38'49	18°28'27
asc. node	-1269 Jul 19 j 15:30	26°♊12'16	
	-1269 Jul 22 j 03:23	0°♋	
morning set	-1269 Jul 31 j 02:19	16°♋14'44	
	-1269 Aug 07 j 06:56	0°♌	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1269 Aug 09 j 04:28	3°♌32'39	1°44'18
minimum elong	-1269 Aug 09 j 06:28	3°♌41'54	1°44'13
max. Earth dist.	-1269 Aug 16 j 13:01	16°♌45'15	1.40110 AU
evening rise	-1269 Aug 20 j 23:21	24°♌17'26	
	-1269 Aug 24 j 10:51	0°♍	
desc. node	-1269 Aug 29 j 04:20	7°♍29'20	
	-1269 Sep 13 j 17:01	0°♎	
evening max el	-1269 Sep 24 j 18:08	13°♎12'19	23°37'31
retrograde	-1269 Oct 05 j 09:10	19°♎28'38	
evening set	-1269 Oct 10 j 10:10	17°♎23'35	
inferior conj	-1269 Oct 15 j 19:36	11°♎00'45	0°04'16
minimum elong	-1269 Oct 15 j 19:30	11°♎01'06	0°04'14
transit middle	-1269 Oct 15 j 19:30	11°♎01'06	0°04'14
transit begin	-1269 Oct 15 j 16:53	11°♎10'04	
transit end	-1269 Oct 15 j 22:07	10°♎52'10	
min. Earth dist.	-1269 Oct 15 j 08:57	11°♎37'08	0.67531 AU
asc. node	-1269 Oct 15 j 14:40	11°♎17'40	
morning rise	-1269 Oct 21 j 04:56	4°♎49'47	
direct	-1269 Oct 25 j 05:42	3°♎18'23	
morning max el	-1269 Nov 02 j 16:00	8°♎14'27	21°04'14
greatest brilliancy	-1269 Nov 08 j 04:55	14°♎41'11	-0.5m
	-1269 Nov 19 j 04:22	0°♏	
desc. node	-1269 Nov 25 j 03:40	8°♏54'45	
morning set	-1269 Dec 02 j 17:50	20°♏35'58	
	-1269 Dec 08 j 15:55	0°♐	
max. Earth dist.	-1269 Dec 10 j 22:20	3°♐40'39	1.42584 AU
superior conj	-1269 Dec 17 j 23:58	15°♐26'54	-1°-54'-55
minimum elong	-1269 Dec 17 j 20:24	15°♐11'45	1°54'49
	-1269 Dec 26 j 08:20	0°♑	
evening rise	-1269 Dec 29 j 14:19	5°♑48'50	
asc. node	-1268 Jan 11 j 13:55	27°♑42'04	
	-1268 Jan 13 j 07:58	0°♒	
evening max el	-1268 Jan 15 j 09:07	2°♒16'48	18°07'52
retrograde	-1268 Jan 22 j 00:43	5°♒42'35	
evening set	-1268 Jan 24 j 16:43	5°♒09'29	
inferior conj	-1268 Jan 31 j 07:27	0°♒07'06	3°54'06
minimum elong	-1268 Jan 31 j 07:45	0°♒06'23	3°54'06
	-1268 Jan 31 j 10:22	30°℞♑	
min. Earth dist.	-1268 Feb 03 j 08:45	27°♑09'18	0.61498 AU
morning rise	-1268 Feb 06 j 20:19	24°♑17'23	
direct	-1268 Feb 13 j 18:48	21°♑52'43	
desc. node	-1268 Feb 21 j 02:47	24°♑13'31	
morning max el	-1268 Feb 27 j 21:07	29°♑40'49	27°42'22
	-1268 Feb 28 j 04:51	0°♒	
	-1268 Mar 20 j 17:51	0°♓	
morning set	-1268 Mar 31 j 15:06	20°♓35'18	
	-1268 Apr 05 j 02:36	0°♈	
max. Earth dist.	-1268 Apr 06 j 16:06	3°♈22'19	1.32577 AU
superior conj	-1268 Apr 07 j 23:39	6°♈13'51	0°-6'00
minimum elong	-1268 Apr 07 j 23:56	6°♈15'23	0°05'58
behind sun begin	-1268 Apr 07 j 19:11	5°♈49'31	
behind sun end	-1268 Apr 08 j 04:40	6°♈41'15	
asc. node	-1268 Apr 08 j 13:17	7°♈28'14	
evening rise	-1268 Apr 14 j 23:19	21°♈21'03	
	-1268 Apr 19 j 04:37	0°♉	
	-1268 May 08 j 12:59	0°♊	
evening max el	-1268 May 10 j 18:41	2°♊17'06	24°47'15
desc. node	-1268 May 19 j 01:57	8°♊08'00	
retrograde	-1268 May 24 j 18:14	9°♊21'59	
evening set	-1268 May 29 j 18:30	8°♊24'59	
min. Earth dist.	-1268 Jun 04 j 06:24	5°♊32'41	0.57220 AU
inferior conj	-1268 Jun 07 j 04:36	3°♊37'22	-4°-18'-2
minimum elong	-1268 Jun 07 j 00:16	3°♊44'33	4°17'28
	-1268 Jun 13 j 17:05	30°℞♉	
morning rise	-1268 Jun 15 j 09:56	29°♉28'33	
direct	-1268 Jun 17 j 23:06	29°♉10'03	
	-1268 Jun 22 j 00:20	0°♊	
morning max el	-1268 Jun 27 j 00:43	3°♊23'31	19°16'03
asc. node	-1268 Jul 05 j 12:35	14°♊36'59	
	-1268 Jul 13 j 19:07	0°♋	
morning set	-1268 Jul 14 j 00:59	0°♋29'10	
superior conj	-1268 Jul 22 j 07:32	16°♋53'36	1°47'53
minimum elong	-1268 Jul 22 j 07:23	16°♋52'53	1°47'53
max. Earth dist.	-1268 Jul 28 j 15:53	28°♋53'13	1.38126 AU
	-1268 Jul 29 j 06:32	0°♌	
evening rise	-1268 Aug 01 j 12:33	5°♌48'28	
desc. node	-1268 Aug 15 j 01:20	27°♌54'49	
	-1268 Aug 16 j 10:34	0°♍	
evening max el	-1268 Sep 06 j 05:50	26°♍46'02	24°55'48
	-1268 Sep 09 j 20:51	0°♎	
retrograde	-1268 Sep 17 j 21:45	3°♎32'35	
evening set	-1268 Sep 23 j 13:41	1°♎09'35	
	-1268 Sep 24 j 19:07	30°℞♍	
min. Earth dist.	-1268 Sep 28 j 03:37	25°♍58'09	0.67190 AU
inferior conj	-1268 Sep 29 j 00:51	24°♍48'03	0°-50'-32
minimum elong	-1268 Sep 29 j 02:06	24°♍43'57	0°50'00
asc. node	-1268 Oct 01 j 11:45	21°♍41'40	
morning rise	-1268 Oct 04 j 14:56	18°♍44'05	
direct	-1268 Oct 08 j 03:36	17°♍32'15	
morning max el	-1268 Oct 15 j 16:27	21°♍52'01	19°54'36
	-1268 Oct 22 j 08:30	0°♎	
greatest brilliancy	-1268 Oct 23 j 06:03	1°♎14'16	-0.6m
morning set	-1268 Nov 10 j 14:45	28°♎45'38	
desc. node	-1268 Nov 11 j 00:42	29°♎24'07	
	-1268 Nov 11 j 09:58	0°♏	
max. Earth dist.	-1268 Nov 22 j 09:41	17°♏14'50	1.44030 AU
superior conj	-1268 Nov 27 j 06:48	25°♏05'37	-1°-33'-22
minimum elong	-1268 Nov 26 j 23:19	24°♏35'17	1°32'43
	-1268 Nov 30 j 06:54	0°♐	
evening rise	-1268 Dec 10 j 17:20	17°♐30'31	
	-1268 Dec 18 j 01:38	0°♑	
asc. node	-1268 Dec 28 j 10:59	15°♑05'27	
evening max el	-1268 Dec 28 j 21:40	15°♑33'10	18°15'35
retrograde	-1267 Jan 04 j 09:44	19°♑03'13	
evening set	-1267 Jan 07 j 05:48	18°♑20'58	
inferior conj	-1267 Jan 13 j 10:12	12°♑57'58	3°48'33
minimum elong	-1267 Jan 13 j 08:36	13°♑02'19	3°48'23
min. Earth dist.	-1267 Jan 15 j 21:23	10°♑15'56	0.63389 AU
morning rise	-1267 Jan 19 j 09:45	6°♑57'17	
direct	-1267 Jan 26 j 09:41	4°♑12'05	
desc. node	-1267 Feb 06 j 23:52	9°♑57'35	
morning max el	-1267 Feb 09 j 04:21	12°♑01'00	27°40'25
	-1267 Feb 23 j 12:27	0°♒	
	-1267 Mar 13 j 03:21	0°♓	
morning set	-1267 Mar 15 j 14:11	4°♓49'10	
max. Earth dist.	-1267 Mar 20 j 22:09	15°♓48'00	1.33132 AU
superior conj	-1267 Mar 23 j 07:43	20°♓54'54	0°-32'-15
minimum elong	-1267 Mar 23 j 09:14	21°♓03'02	0°31'58
asc. node	-1267 Mar 26 j 10:20	27°♓36'58	
	-1267 Mar 27 j 12:52	0°♈	
evening rise	-1267 Mar 30 j 11:04	6°♈14'12	
	-1267 Apr 12 j 05:01	0°♉	
evening max el	-1267 Apr 22 j 09:43	12°♉54'55	23°13'23
retrograde	-1267 May 05 j 21:00	19°♉36'47	
desc. node	-1267 May 05 j 23:00	19°♉36'46	
evening set	-1267 May 09 j 11:32	19°♉08'18	
min. Earth dist.	-1267 May 16 j 19:40	15°♉49'40	0.55754 AU
inferior conj	-1267 May 18 j 14:56	14°♉46'17	-3°-16'-51
minimum elong	-1267 May 18 j 08:05	14°♉56'22	3°15'06

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning rise	-1267 May 27 j 07:51	10°♉50'51	
direct	-1267 May 29 j 23:53	10°♉33'37	
morning max el	-1267 Jun 09 j 15:21	15°♉29'29	20°24'26
	-1267 Jun 20 j 09:02	0°♊	
asc. node	-1267 Jun 22 j 09:39	3°♊37'27	
morning set	-1267 Jun 28 j 06:05	15°♊04'26	
superior conj	-1267 Jul 05 j 23:13	0°♋53'49	1°43'08
minimum elong	-1267 Jul 05 j 21:35	0°♋45'34	1°43'04
	-1267 Jul 05 j 12:36	0°♋	
max. Earth dist.	-1267 Jul 10 j 22:02	10°♋42'40	1.36290 AU
evening rise	-1267 Jul 14 j 23:41	18°♋23'59	
	-1267 Jul 21 j 12:45	0°♌	
desc. node	-1267 Aug 01 j 22:20	18°♌03'15	
	-1267 Aug 10 j 14:52	0°♍	
evening max el	-1267 Aug 19 j 17:06	10°♍21'05	26°04'36
retrograde	-1267 Sep 01 j 05:38	17°♍28'42	
evening set	-1267 Sep 07 j 12:16	14°♍51'01	
min. Earth dist.	-1267 Sep 11 j 17:59	10°♍16'51	0.66513 AU
inferior conj	-1267 Sep 13 j 02:42	8°♍34'33	-1°-45'-31
minimum elong	-1267 Sep 13 j 05:19	8°♍26'24	1°44'30
asc. node	-1267 Sep 18 j 08:50	3°♍03'54	
morning rise	-1267 Sep 18 j 23:13	2°♍40'39	
direct	-1267 Sep 22 j 01:52	1°♍45'06	
morning max el	-1267 Sep 29 j 00:01	5°♍38'20	18°59'27
	-1267 Oct 16 j 03:48	0°♎	
morning set	-1267 Oct 21 j 01:17	7°♎42'01	
desc. node	-1267 Oct 28 j 21:43	20°♎02'44	
	-1267 Nov 04 j 05:44	0°♏	
max. Earth dist.	-1267 Nov 05 j 02:17	1°♏20'53	1.44831 AU
superior conj	-1267 Nov 06 j 14:05	3°♏42'02	0°-54'-24
minimum elong	-1267 Nov 06 j 07:25	3°♏15'46	0°53'36
evening rise	-1267 Nov 21 j 22:00	28°♏14'29	
	-1267 Nov 22 j 23:57	0°♐	
evening max el	-1267 Dec 12 j 09:21	28°♐56'43	18°41'38
	-1267 Dec 13 j 11:36	0°♑	
asc. node	-1267 Dec 15 j 08:03	1°♑26'24	
retrograde	-1267 Dec 19 j 02:06	2°♑41'50	
evening set	-1267 Dec 22 j 03:16	1°♑49'11	
	-1267 Dec 24 j 12:17	30°℞♐	
inferior conj	-1267 Dec 27 j 23:59	26°♐08'02	3°27'06
minimum elong	-1267 Dec 27 j 21:22	26°♐15'57	3°26'34
min. Earth dist.	-1267 Dec 29 j 19:58	23°♐55'36	0.64954 AU
morning rise	-1266 Jan 02 j 14:20	19°♐59'50	
direct	-1266 Jan 09 j 07:34	17°♐08'50	
morning max el	-1266 Jan 22 j 14:00	24°♐50'58	27°04'36
desc. node	-1266 Jan 24 j 20:55	27°♐14'44	
	-1266 Jan 27 j 07:03	0°♑	
	-1266 Feb 16 j 22:33	0°♒	
morning set	-1266 Feb 27 j 03:49	18°♒30'24	
max. Earth dist.	-1266 Mar 03 j 18:50	27°♒41'00	1.34112 AU
	-1266 Mar 04 j 22:02	0°♓	
superior conj	-1266 Mar 07 j 11:05	5°♓17'01	0°-58'-10
minimum elong	-1266 Mar 07 j 13:46	5°♓31'02	0°57'42
asc. node	-1266 Mar 13 j 07:22	17°♓38'09	
evening rise	-1266 Mar 14 j 21:28	20°♓57'51	
	-1266 Mar 19 j 08:39	0°♈	
evening max el	-1266 Apr 04 j 05:20	23°♈39'28	21°40'43
retrograde	-1266 Apr 16 j 13:15	29°♈39'20	
evening set	-1266 Apr 19 j 02:40	29°♈24'33	
desc. node	-1266 Apr 22 j 20:02	28°♈15'35	
inferior conj	-1266 Apr 28 j 11:36	25°♈22'02	-1°-35'-3
minimum elong	-1266 Apr 28 j 07:13	25°♈28'11	1°33'33
min. Earth dist.	-1266 Apr 28 j 08:52	25°♈25'52	0.55067 AU
morning rise	-1266 May 07 j 12:35	21°♈23'52	
direct	-1266 May 10 j 11:49	21°♈04'29	
morning max el	-1266 May 22 j 19:04	26°♈53'02	21°51'12
	-1266 May 25 j 19:08	0°♉	
asc. node	-1266 Jun 09 j 06:41	23°♉04'36	
morning set	-1266 Jun 12 j 15:19	29°♉53'52	
	-1266 Jun 12 j 16:30	0°♊	
superior conj	-1266 Jun 19 j 23:40	15°♊21'37	1°32'01
minimum elong	-1266 Jun 19 j 21:16	15°♊09'05	1°31'48
max. Earth dist.	-1266 Jun 23 j 12:14	22°♊38'18	1.34770 AU
	-1266 Jun 27 j 04:53	0°♋	
evening rise	-1266 Jun 28 j 03:43	1°♋50'37	
	-1266 Jul 14 j 11:38	0°♌	
desc. node	-1266 Jul 19 j 19:21	7°♌46'48	
evening max el	-1266 Aug 02 j 04:42	23°♌51'12	26°56'04
	-1266 Aug 10 j 13:01	0°♍	
retrograde	-1266 Aug 15 j 08:30	1°♍09'48	
	-1266 Aug 19 j 19:13	30°℞♌	
evening set	-1266 Aug 22 j 03:35	28°♌24'23	
min. Earth dist.	-1266 Aug 26 j 01:45	24°♌28'10	0.65479 AU
inferior conj	-1266 Aug 27 j 23:05	22°♌16'33	-2°-38'-44
minimum elong	-1266 Aug 28 j 02:52	22°♌05'35	2°37'26
morning rise	-1266 Sep 03 j 03:31	16°♌35'49	
asc. node	-1266 Sep 05 j 05:54	15°♌55'33	
direct	-1266 Sep 05 j 22:36	15°♌52'53	
morning max el	-1266 Sep 12 j 12:42	19°♌28'43	18°20'23
	-1266 Sep 20 j 11:13	0°♍	
morning set	-1266 Oct 01 j 14:56	17°♍59'11	
	-1266 Oct 09 j 00:35	0°♎	
desc. node	-1266 Oct 15 j 18:43	10°♎46'36	
superior conj	-1266 Oct 16 j 14:35	12°♎05'07	0°-5'-23
minimum elong	-1266 Oct 16 j 13:52	12°♎02'19	0°05'18
behind sun begin	-1266 Oct 16 j 03:14	11°♎20'16	
behind sun end	-1266 Oct 17 j 00:30	12°♎44'20	
max. Earth dist.	-1266 Oct 18 j 20:34	15°♎38'05	1.44909 AU
	-1266 Oct 28 j 00:22	0°♏	
evening rise	-1266 Nov 02 j 02:31	7°♏58'02	
	-1266 Nov 16 j 08:16	0°♐	
greatest brilliancy	-1266 Nov 16 j 15:42	0°♐27'38	-0.7m
evening max el	-1266 Nov 25 j 17:51	12°♐22'55	19°24'45
asc. node	-1266 Dec 02 j 05:07	16°♐29'03	
retrograde	-1266 Dec 02 j 22:18	16°♐31'56	
evening set	-1266 Dec 06 j 06:18	15°♐27'02	
inferior conj	-1266 Dec 11 j 21:34	9°♐30'45	2°54'18
minimum elong	-1266 Dec 11 j 18:39	9°♐40'10	2°53'28
min. Earth dist.	-1266 Dec 13 j 03:19	7°♐54'42	0.66146 AU
morning rise	-1266 Dec 17 j 06:13	3°♐17'40	
direct	-1266 Dec 23 j 11:37	0°♐33'49	
morning max el	-1265 Jan 04 j 23:24	7°♐56'44	26°02'01
desc. node	-1265 Jan 11 j 17:58	15°♐37'10	
	-1265 Jan 22 j 06:07	0°♑	
	-1265 Feb 09 j 09:10	0°♒	
morning set	-1265 Feb 10 j 03:47	1°♒25'48	
max. Earth dist.	-1265 Feb 14 j 03:30	8°♒58'49	1.35540 AU
superior conj	-1265 Feb 19 j 07:16	19°♒12'28	-1°-22'-17
minimum elong	-1265 Feb 19 j 10:45	19°♒30'07	1°21'47
	-1265 Feb 24 j 13:21	0°♓	
evening rise	-1265 Feb 27 j 04:31	5°♓25'12	
asc. node	-1265 Feb 28 j 04:25	7°♓26'54	
	-1265 Mar 13 j 03:37	0°♈	
evening max el	-1265 Mar 17 j 10:54	4°♈54'32	20°20'20
retrograde	-1265 Mar 28 j 03:14	10°♈01'12	
evening set	-1265 Mar 30 j 07:29	9°♈49'22	
inferior conj	-1265 Apr 08 j 07:41	5°♈51'26	0°23'35
minimum elong	-1265 Apr 08 j 08:45	5°♈49'52	0°23'13

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-1265 Apr 09 j 17:04	5°♈02'15	
min. Earth dist.	-1265 Apr 09 j 22:55	4°♈53'43	0.55327 AU
morning rise	-1265 Apr 17 j 07:43	1°♈31'47	
direct	-1265 Apr 21 j 00:42	1°♈01'49	
morning max el	-1265 May 04 j 13:48	7°♈40'42	23°29'44
	-1265 May 20 j 13:46	0°♉	
asc. node	-1265 May 27 j 03:43	12°♉51'25	
morning set	-1265 May 28 j 02:48	14°♉51'46	
superior conj	-1265 Jun 04 j 05:59	0°♊07'56	1°16'01
minimum elong	-1265 Jun 04 j 03:27	29°♉54'19	1°15'39
	-1265 Jun 04 j 04:30	0°♊	
max. Earth dist.	-1265 Jun 06 j 12:10	4°♊56'38	1.33631 AU
evening rise	-1265 Jun 11 j 20:06	15°♊55'16	
	-1265 Jun 19 j 06:32	0°♋	
desc. node	-1265 Jul 06 j 16:21	26°♋54'58	
	-1265 Jul 09 j 03:22	0°♌	
evening max el	-1265 Jul 15 j 15:55	7°♌06'53	27°22'57
retrograde	-1265 Jul 29 j 05:44	14°♌28'02	
evening set	-1265 Aug 05 j 08:46	11°♌45'25	
min. Earth dist.	-1265 Aug 09 j 00:58	8°♌24'41	0.64077 AU
inferior conj	-1265 Aug 11 j 11:38	5°♌49'49	-3°-27'-26
minimum elong	-1265 Aug 11 j 16:04	5°♌38'05	3°26'14
morning rise	-1265 Aug 18 j 01:16	0°♌25'21	
	-1265 Aug 19 j 08:28	30°℞♋	
direct	-1265 Aug 20 j 15:16	29°♋51'35	
	-1265 Aug 21 j 22:03	0°♌	
asc. node	-1265 Aug 23 j 02:56	0°♌23'03	
morning max el	-1265 Aug 27 j 03:56	3°♌18'19	17°58'34
morning set	-1265 Sep 13 j 07:48	29°♌35'32	
	-1265 Sep 13 j 13:31	0°♍	
superior conj	-1265 Sep 26 j 06:21	21°♍16'49	0°41'03
minimum elong	-1265 Sep 26 j 10:39	21°♍34'19	0°40'30
max. Earth dist.	-1265 Oct 01 j 13:55	29°♍50'28	1.44270 AU
	-1265 Oct 01 j 16:19	0°♎	
desc. node	-1265 Oct 02 j 15:45	1°♎33'09	
evening rise	-1265 Oct 12 j 12:38	16°♎58'19	
	-1265 Oct 21 j 01:27	0°♏	
greatest brilliancy	-1265 Nov 02 j 12:45	18°♏07'07	-0.6m
evening max el	-1265 Nov 08 j 21:30	25°♏50'31	20°22'51
	-1265 Nov 14 j 09:45	0°♐	
retrograde	-1265 Nov 16 j 19:46	0°♐30'39	
asc. node	-1265 Nov 19 j 02:09	0°♐01'12	
	-1265 Nov 19 j 03:14	30°℞♏	
evening set	-1265 Nov 20 j 12:40	29°♏11'13	
inferior conj	-1265 Nov 26 j 00:19	23°♏02'57	2°13'17
minimum elong	-1265 Nov 25 j 21:43	23°♏11'45	2°12'22
min. Earth dist.	-1265 Nov 26 j 17:22	22°♏05'25	0.66971 AU
morning rise	-1265 Dec 01 j 06:14	16°♏47'24	
direct	-1265 Dec 06 j 21:06	14°♏19'53	
morning max el	-1265 Dec 18 j 07:47	21°♏09'11	24°42'07
	-1265 Dec 25 j 23:49	0°♐	
desc. node	-1265 Dec 29 j 15:01	4°♐46'06	
	-1264 Jan 15 j 11:57	0°♑	
morning set	-1264 Jan 23 j 08:36	13°♑19'37	
max. Earth dist.	-1264 Jan 27 j 01:50	20°♑00'23	1.37383 AU
	-1264 Feb 01 j 09:34	0°♒	
superior conj	-1264 Feb 02 j 17:06	2°♒32'28	-1°-42'-33
minimum elong	-1264 Feb 02 j 20:37	2°♒49'35	1°42'14
evening rise	-1264 Feb 11 j 06:00	19°♒29'47	
asc. node	-1264 Feb 15 j 01:26	26°♒57'51	
	-1264 Feb 16 j 16:06	0°♓	
evening max el	-1264 Feb 28 j 03:30	16°♓47'04	19°17'43
retrograde	-1264 Mar 08 j 03:45	21°♓05'59	
evening set	-1264 Mar 10 j 09:27	20°♓51'12	
inferior conj	-1264 Mar 18 j 16:43	16°♓42'11	2°06'05
minimum elong	-1264 Mar 18 j 21:05	16°♓34'54	2°04'48
min. Earth dist.	-1264 Mar 21 j 13:55	14°♓47'33	0.56478 AU
desc. node	-1264 Mar 26 j 14:07	12°♓05'23	
morning rise	-1264 Mar 27 j 04:48	11°♓51'19	
direct	-1264 Apr 01 j 00:35	10°♓57'47	
morning max el	-1264 Apr 15 j 04:28	18°♓11'52	25°08'22
	-1264 Apr 24 j 23:10	0°♈	
morning set	-1264 May 11 j 14:50	29°♈51'51	
	-1264 May 11 j 16:23	0°♉	
asc. node	-1264 May 13 j 00:44	2°♉51'29	
superior conj	-1264 May 18 j 15:51	15°♉04'19	0°56'14
minimum elong	-1264 May 18 j 13:40	14°♉52'26	0°55'50
max. Earth dist.	-1264 May 19 j 20:00	17°♉37'23	1.32877 AU
evening rise	-1264 May 25 j 21:04	0°♊25'36	
	-1264 May 25 j 16:04	0°♊	
	-1264 Jun 11 j 07:30	0°♋	
desc. node	-1264 Jun 22 j 13:23	15°♋11'58	
evening max el	-1264 Jun 27 j 00:28	19°♋53'53	27°19'25
retrograde	-1264 Jul 10 j 20:22	27°♋13'01	
evening set	-1264 Jul 18 j 00:03	24°♋46'29	
min. Earth dist.	-1264 Jul 21 j 14:05	21°♋53'41	0.62332 AU
inferior conj	-1264 Jul 24 j 13:20	19°♋06'14	-4°-7'-38
minimum elong	-1264 Jul 24 j 17:23	18°♋56'40	4°06'54
morning rise	-1264 Jul 31 j 13:13	14°♋01'21	
direct	-1264 Aug 03 j 00:42	13°♋33'56	
asc. node	-1264 Aug 08 j 23:58	16°♋15'36	
morning max el	-1264 Aug 09 j 18:54	16°♋59'41	17°54'55
	-1264 Aug 19 j 00:10	0°♌	
morning set	-1264 Aug 25 j 22:11	12°♌13'27	
	-1264 Sep 04 j 23:41	0°♍	
superior conj	-1264 Sep 06 j 00:46	1°♍47'29	1°16'05
minimum elong	-1264 Sep 06 j 05:54	2°♍09'22	1°15'32
max. Earth dist.	-1264 Sep 13 j 03:42	13°♍40'30	1.42991 AU
desc. node	-1264 Sep 18 j 12:46	22°♍18'35	
evening rise	-1264 Sep 20 j 19:48	25°♍54'46	
	-1264 Sep 23 j 11:00	0°♎	
	-1264 Oct 14 j 01:11	0°♏	
greatest brilliancy	-1264 Oct 16 j 19:48	3°♏35'13	-0.4m
evening max el	-1264 Oct 21 j 19:18	9°♏18'28	21°33'04
retrograde	-1264 Oct 30 j 16:30	14°♏35'06	
evening set	-1264 Nov 03 j 20:29	12°♏58'52	
asc. node	-1264 Nov 04 j 23:10	12°♏00'16	
inferior conj	-1264 Nov 09 j 06:07	6°♏41'59	1°26'19
minimum elong	-1264 Nov 09 j 04:15	6°♏48'27	1°25'33
min. Earth dist.	-1264 Nov 09 j 11:48	6°♏22'24	0.67444 AU
morning rise	-1264 Nov 14 j 11:44	0°♏26'21	
	-1264 Nov 15 j 00:42	30°℞♎	
direct	-1264 Nov 19 j 11:11	28°♎20'12	
	-1264 Nov 24 j 09:48	0°♏	
morning max el	-1264 Nov 29 j 16:58	4°♏25'54	23°15'03
greatest brilliancy	-1264 Dec 04 j 20:29	10°♏12'55	-0.3m
desc. node	-1264 Dec 15 j 12:05	24°♏28'14	
	-1264 Dec 19 j 07:13	0°♐	
morning set	-1263 Jan 03 j 12:03	23°♐55'58	
	-1263 Jan 07 j 01:47	0°♑	
max. Earth dist.	-1263 Jan 07 j 21:12	1°♑24'01	1.39471 AU
superior conj	-1263 Jan 15 j 12:28	15°♑06'11	-1°-56'-10
minimum elong	-1263 Jan 15 j 14:40	15°♑16'23	1°56'07
	-1263 Jan 23 j 08:53	0°♒	
evening rise	-1263 Jan 24 j 23:17	3°♒04'56	
asc. node	-1263 Jan 31 j 22:29	16°♒04'49	
evening max el	-1263 Feb 10 j 05:22	29°♒13'14	18°34'51
	-1263 Feb 11 j 01:46	0°♓	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

retrograde	-1263 Feb 17 j 22:45	2°♓59'30	
evening set	-1263 Feb 20 j 08:34	2°♓38'45	
	-1263 Feb 25 j 11:15	30°℞♒	
inferior conj	-1263 Feb 27 j 21:55	28°♒10'14	3°14'07
minimum elong	-1263 Feb 28 j 01:52	28°♒02'32	3°13'21
min. Earth dist.	-1263 Mar 03 j 07:27	25°♒32'55	0.58254 AU
morning rise	-1263 Mar 07 j 15:20	22°♒50'04	
desc. node	-1263 Mar 13 j 11:10	21°♒21'28	
direct	-1263 Mar 13 j 13:34	21°♒21'27	
morning max el	-1263 Mar 27 j 21:20	28°♒55'38	26°31'58
	-1263 Mar 28 j 23:07	0°♓	
	-1263 Apr 18 j 14:03	0°♈	
morning set	-1263 Apr 26 j 01:48	14°♈48'19	
asc. node	-1263 Apr 29 j 21:48	22°♈59'57	
superior conj	-1263 May 03 j 03:25	0°♉04'25	0°33'35
minimum elong	-1263 May 03 j 01:59	29°♈56'34	0°33'17
	-1263 May 03 j 02:37	0°♉	
max. Earth dist.	-1263 May 03 j 08:21	0°♉31'26	1.32481 AU
evening rise	-1263 May 10 j 03:49	15°♉12'10	
	-1263 May 17 j 15:58	0°♊	
	-1263 Jun 07 j 03:37	0°♋	
evening max el	-1263 Jun 09 j 03:40	2°♋00'26	26°42'49
desc. node	-1263 Jun 09 j 10:23	2°♋16'20	
retrograde	-1263 Jun 23 j 03:23	9°♋16'50	
evening set	-1263 Jun 29 j 21:03	7°♋19'33	
min. Earth dist.	-1263 Jul 03 j 17:03	4°♋40'56	0.60340 AU
inferior conj	-1263 Jul 07 j 00:45	1°♋57'16	-4°-32'-54
minimum elong	-1263 Jul 07 j 02:46	1°♋53'05	4°32'44
	-1263 Jul 09 j 11:46	30°℞♊	
morning rise	-1263 Jul 14 j 11:41	27°♊14'42	
direct	-1263 Jul 16 j 22:46	26°♊51'40	
	-1263 Jul 23 j 19:34	0°♋	
morning max el	-1263 Jul 24 j 06:43	0°♋25'59	18°10'26
asc. node	-1263 Jul 26 j 21:01	3°♋18'31	
morning set	-1263 Aug 09 j 04:26	25°♋37'16	
	-1263 Aug 11 j 12:22	0°♌	
superior conj	-1263 Aug 18 j 21:27	13°♌36'09	1°37'33
minimum elong	-1263 Aug 19 j 00:48	13°♌51'14	1°37'19
max. Earth dist.	-1263 Aug 26 j 12:02	26°♌52'40	1.41241 AU
	-1263 Aug 28 j 08:41	0°♍	
evening rise	-1263 Aug 31 j 17:56	5°♍33'48	
desc. node	-1263 Sep 05 j 09:47	12°♍59'23	
	-1263 Sep 16 j 17:11	0°♎	
greatest brilliancy	-1263 Sep 29 j 10:41	17°♎08'14	-0.3m
evening max el	-1263 Oct 04 j 11:34	22°♎46'53	22°51'10
retrograde	-1263 Oct 14 j 11:02	28°♎42'13	
evening set	-1263 Oct 19 j 03:59	26°♎47'37	
asc. node	-1263 Oct 22 j 20:14	22°♎44'33	
inferior conj	-1263 Oct 24 j 13:04	20°♎25'44	0°35'05
minimum elong	-1263 Oct 24 j 12:16	20°♎28'32	0°34'44
min. Earth dist.	-1263 Oct 24 j 08:14	20°♎42'27	0.67589 AU
morning rise	-1263 Oct 29 j 20:31	14°♎12'25	
direct	-1263 Nov 03 j 05:05	12°♎28'51	
morning max el	-1263 Nov 12 j 06:19	17°♎49'08	21°49'43
greatest brilliancy	-1263 Nov 17 j 02:53	23°♎20'03	-0.4m
	-1263 Nov 22 j 05:23	0°♏	
desc. node	-1263 Dec 02 j 09:08	14°♏33'42	
	-1263 Dec 12 j 10:53	0°♐	
morning set	-1263 Dec 14 j 10:24	3°♐08'25	
max. Earth dist.	-1263 Dec 20 j 20:46	13°♐36'58	1.41528 AU
superior conj	-1263 Dec 28 j 12:06	26°♐39'57	-1°-59'-27
minimum elong	-1263 Dec 28 j 11:06	26°♐35'35	1°59'29
	-1263 Dec 30 j 09:24	0°♑	
evening rise	-1262 Jan 08 j 04:58	16°♑02'30	

	-1262 Jan 15 j 22:55	0°♒	
asc. node	-1262 Jan 18 j 19:32	4°♒39'31	
evening max el	-1262 Jan 24 j 13:38	12°♒04'40	18°12'00
retrograde	-1262 Jan 31 j 11:43	15°♒34'07	
evening set	-1262 Feb 03 j 01:25	15°♒05'55	
inferior conj	-1262 Feb 09 j 23:27	10°♒15'48	3°47'37
minimum elong	-1262 Feb 10 j 01:08	10°♒11'59	3°47'29
min. Earth dist.	-1262 Feb 13 j 06:31	7°♒18'17	0.60311 AU
morning rise	-1262 Feb 16 j 21:48	4°♒34'16	
direct	-1262 Feb 23 j 14:25	2°♒28'00	
desc. node	-1262 Feb 28 j 08:15	3°♒26'51	
morning max el	-1262 Mar 09 j 20:08	10°♒13'24	27°26'57
	-1262 Mar 25 j 03:59	0°♓	
morning set	-1262 Apr 10 j 09:53	29°♓34'01	
	-1262 Apr 10 j 14:54	0°♈	
asc. node	-1262 Apr 16 j 18:52	13°♈11'35	
max. Earth dist.	-1262 Apr 16 j 21:13	13°♈24'28	1.32434 AU
superior conj	-1262 Apr 17 j 14:58	15°♈01'35	0°08'52
minimum elong	-1262 Apr 17 j 14:34	14°♈59'23	0°08'47
behind sun begin	-1262 Apr 17 j 10:21	14°♈36'19	
behind sun end	-1262 Apr 17 j 18:47	15°♈22'27	
evening rise	-1262 Apr 24 j 13:59	0°♉06'17	
	-1262 Apr 24 j 12:48	0°♉	
	-1262 May 11 j 02:10	0°♊	
evening max el	-1262 May 22 j 00:00	13°♊21'51	25°35'59
desc. node	-1262 May 27 j 07:24	17°♊38'24	
retrograde	-1262 Jun 05 j 01:24	20°♊33'58	
evening set	-1262 Jun 10 j 19:58	19°♊14'56	
min. Earth dist.	-1262 Jun 15 j 12:07	16°♊32'21	0.58292 AU
inferior conj	-1262 Jun 18 j 18:16	14°♊13'15	-4°-33'-34
minimum elong	-1262 Jun 18 j 16:27	14°♊16'31	4°33'27
morning rise	-1262 Jun 26 j 16:49	9°♊53'26	
direct	-1262 Jun 29 j 04:53	9°♊33'40	
morning max el	-1262 Jul 07 j 12:29	13°♊28'43	18°46'12
asc. node	-1262 Jul 13 j 18:07	21°♊17'01	
	-1262 Jul 18 j 21:16	0°♋	
morning set	-1262 Jul 23 j 22:08	9°♋35'42	
superior conj	-1262 Aug 01 j 15:05	26°♋28'21	1°46'58
minimum elong	-1262 Aug 01 j 16:06	26°♋33'12	1°46'57
	-1262 Aug 03 j 12:09	0°♌	
max. Earth dist.	-1262 Aug 08 j 15:22	9°♌20'07	1.39258 AU
evening rise	-1262 Aug 12 j 16:40	16°♌22'56	
	-1262 Aug 21 j 00:20	0°♍	
desc. node	-1262 Aug 23 j 06:47	3°♍31'51	
	-1262 Sep 11 j 07:35	0°♎	
evening max el	-1262 Sep 17 j 00:04	6°♎17'57	24°11'25
retrograde	-1262 Sep 28 j 02:11	12°♎48'48	
evening set	-1262 Oct 03 j 09:29	10°♎35'42	
min. Earth dist.	-1262 Oct 08 j 04:18	5°♎03'51	0.67423 AU
inferior conj	-1262 Oct 08 j 19:28	4°♎12'40	0°-18'-49
minimum elong	-1262 Oct 08 j 19:55	4°♎11'08	0°18'39
asc. node	-1262 Oct 09 j 17:18	2°♎59'27	
	-1262 Oct 12 j 03:58	30°℞♍	
morning rise	-1262 Oct 14 j 06:37	28°♍04'22	
direct	-1262 Oct 18 j 01:52	26°♍41'52	
	-1262 Oct 24 j 16:20	0°♎	
morning max el	-1262 Oct 26 j 02:28	1°♎21'43	20°33'00
greatest brilliancy	-1262 Nov 01 j 08:39	8°♎48'52	-0.5m
	-1262 Nov 16 j 00:25	0°♏	
desc. node	-1262 Nov 19 j 06:10	4°♏55'55	
morning set	-1262 Nov 23 j 10:41	11°♏23'08	
max. Earth dist.	-1262 Dec 03 j 03:25	26°♏42'40	1.43266 AU
	-1262 Dec 05 j 04:07	0°♐	
superior conj	-1262 Dec 09 j 10:41	7°♐02'05	-1°-48'00

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1262 Dec 09 j 05:11	6°♐39'14	1°47'41
evening rise	-1262 Dec 21 j 19:02	28°♐14'21	
	-1262 Dec 22 j 19:04	0°♑	
asc. node	-1261 Jan 05 j 16:35	22°♑32'18	
evening max el	-1261 Jan 08 j 01:27	25°♑13'57	18°08'48
retrograde	-1261 Jan 14 j 14:38	28°♑40'21	
evening set	-1261 Jan 17 j 08:09	28°♑03'39	
inferior conj	-1261 Jan 23 j 18:09	22°♑52'24	3°54'03
minimum elong	-1261 Jan 23 j 17:33	22°♑53'57	3°54'00
min. Earth dist.	-1261 Jan 26 j 13:54	19°♑58'46	0.62335 AU
morning rise	-1261 Jan 30 j 00:48	16°♑57'11	
direct	-1261 Feb 06 j 01:02	14°♑21'42	
desc. node	-1261 Feb 15 j 05:20	18°♑01'23	
morning max el	-1261 Feb 20 j 00:48	22°♑11'51	27°45'55
	-1261 Feb 26 j 22:17	0°♒	
	-1261 Mar 18 j 06:23	0°♓	
morning set	-1261 Mar 25 j 12:58	14°♓01'45	
max. Earth dist.	-1261 Mar 31 j 06:41	26°♓02'39	1.32758 AU
superior conj	-1261 Apr 02 j 00:50	29°♓50'06	0°-17'-7
minimum elong	-1261 Apr 02 j 01:38	29°♓54'26	0°16'58
	-1261 Apr 02 j 02:39	0°♈	
asc. node	-1261 Apr 03 j 15:55	3°♈22'23	
evening rise	-1261 Apr 09 j 01:40	15°♈01'16	
	-1261 Apr 16 j 14:30	0°♉	
evening max el	-1261 May 03 j 15:27	24°♉08'39	24°08'05
	-1261 May 12 j 02:02	0°♊	
desc. node	-1261 May 14 j 04:27	0°♊41'36	
retrograde	-1261 May 17 j 11:56	1°♊06'42	
evening set	-1261 May 21 j 21:22	0°♊23'44	
	-1261 May 23 j 00:06	30°℞♉	
min. Earth dist.	-1261 May 28 j 02:52	27°♉21'23	0.56509 AU
inferior conj	-1261 May 30 j 15:39	25°♉46'40	-3°-57'-38
minimum elong	-1261 May 30 j 09:46	25°♉55'53	3°56'32
morning rise	-1261 Jun 08 j 02:02	21°♉44'59	
direct	-1261 Jun 10 j 15:56	21°♉27'24	
morning max el	-1261 Jun 20 j 09:15	25°♉57'42	19°42'46
	-1261 Jun 24 j 01:37	0°♊	
asc. node	-1261 Jun 30 j 15:11	9°♊57'45	
morning set	-1261 Jul 07 j 23:49	23°♊59'19	
	-1261 Jul 10 j 23:10	0°♋	
superior conj	-1261 Jul 16 j 00:02	10°♋07'19	1°46'45
minimum elong	-1261 Jul 15 j 23:10	10°♋03'02	1°46'45
max. Earth dist.	-1261 Jul 21 j 18:23	21°♋14'48	1.37308 AU
evening rise	-1261 Jul 25 j 15:46	28°♋22'52	
	-1261 Jul 26 j 13:33	0°♌	
desc. node	-1261 Aug 10 j 03:47	23°♌50'42	
	-1261 Aug 14 j 08:51	0°♍	
evening max el	-1261 Aug 30 j 11:19	19°♍52'30	25°26'43
retrograde	-1261 Sep 11 j 12:59	26°♍49'54	
evening set	-1261 Sep 17 j 11:09	24°♍20'13	
min. Earth dist.	-1261 Sep 21 j 21:32	19°♍24'10	0.66941 AU
inferior conj	-1261 Sep 22 j 23:30	18°♍00'08	-1°-13'-55
minimum elong	-1261 Sep 23 j 01:19	17°♍54'13	1°13'10
asc. node	-1261 Sep 26 j 14:22	13°♍42'33	
morning rise	-1261 Sep 28 j 16:06	11°♍59'49	
direct	-1261 Oct 02 j 00:10	10°♍55'24	
morning max el	-1261 Oct 09 j 06:03	15°♍03'05	19°29'09
greatest brilliancy	-1261 Oct 18 j 07:11	26°♍40'18	-0.7m
	-1261 Oct 20 j 13:29	0°♎	
morning set	-1261 Nov 02 j 10:35	19°♎44'35	
desc. node	-1261 Nov 06 j 03:10	25°♎29'18	
	-1261 Nov 09 j 00:30	0°♏	
max. Earth dist.	-1261 Nov 15 j 16:43	10°♏30'13	1.44459 AU
superior conj	-1261 Nov 19 j 06:20	16°♏10'40	-1°-18'-43
minimum elong	-1261 Nov 18 j 22:25	15°♏39'01	1°17'55
	-1261 Nov 27 j 19:04	0°♐	
evening rise	-1261 Dec 03 j 12:54	9°♐31'25	
	-1261 Dec 16 j 00:49	0°♑	
evening max el	-1261 Dec 22 j 13:57	8°♑33'56	18°24'33
asc. node	-1261 Dec 23 j 13:38	9°♑30'42	
retrograde	-1261 Dec 29 j 03:04	12°♑09'00	
evening set	-1260 Jan 01 j 01:08	11°♑22'32	
inferior conj	-1260 Jan 07 j 02:01	5°♑51'49	3°41'04
minimum elong	-1260 Jan 06 j 23:53	5°♑57'55	3°40'44
min. Earth dist.	-1260 Jan 09 j 06:50	3°♑20'52	0.64104 AU
morning rise	-1260 Jan 12 j 21:11	29°♐47'40	
	-1260 Jan 12 j 15:17	30°℞♐	
direct	-1260 Jan 19 j 19:15	26°♐57'52	
	-1260 Jan 27 j 19:45	0°♑	
desc. node	-1260 Feb 02 j 02:24	4°♑28'30	
morning max el	-1260 Feb 02 j 09:12	4°♑45'18	27°28'51
	-1260 Feb 21 j 12:56	0°♒	
morning set	-1260 Mar 08 j 08:28	28°♒03'03	
	-1260 Mar 09 j 08:03	0°♓	
max. Earth dist.	-1260 Mar 13 j 08:57	8°♓14'20	1.33489 AU
superior conj	-1260 Mar 16 j 07:11	14°♓24'11	0°-43'-23
minimum elong	-1260 Mar 16 j 09:13	14°♓34'59	0°42'59
asc. node	-1260 Mar 20 j 12:57	23°♓28'32	
evening rise	-1260 Mar 23 j 13:03	29°♓51'08	
	-1260 Mar 23 j 14:45	0°♈	
	-1260 Apr 09 j 23:56	0°♉	
evening max el	-1260 Apr 14 j 07:50	4°♉46'46	22°33'10
retrograde	-1260 Apr 27 j 09:29	11°♉12'25	
evening set	-1260 Apr 30 j 11:24	10°♉51'38	
desc. node	-1260 Apr 30 j 01:30	10°♉56'45	
min. Earth dist.	-1260 May 08 j 16:10	7°♉18'01	0.55348 AU
inferior conj	-1260 May 09 j 19:03	6°♉39'45	-2°-37'-50
minimum elong	-1260 May 09 j 12:36	6°♉48'57	2°35'53
morning rise	-1260 May 18 j 16:02	2°♉45'04	
direct	-1260 May 21 j 10:19	2°♉27'28	
morning max el	-1260 Jun 01 j 19:09	7°♉45'39	20°59'21
asc. node	-1260 Jun 16 j 12:14	29°♉10'41	
	-1260 Jun 16 j 22:32	0°♊	
morning set	-1260 Jun 21 j 06:57	8°♊41'28	
superior conj	-1260 Jun 28 j 19:51	24°♊20'27	1°39'06
minimum elong	-1260 Jun 28 j 17:49	24°♊09'59	1°38'59
	-1260 Jul 01 j 14:36	0°♋	
max. Earth dist.	-1260 Jul 03 j 03:40	3°♋04'43	1.35600 AU
evening rise	-1260 Jul 07 j 10:46	11°♋22'16	
	-1260 Jul 18 j 01:11	0°♌	
desc. node	-1260 Jul 27 j 00:47	13°♌49'38	
	-1260 Aug 08 j 14:58	0°♍	
evening max el	-1260 Aug 11 j 23:00	3°♍27'27	26°29'05
retrograde	-1260 Aug 24 j 18:44	10°♍40'20	
evening set	-1260 Aug 31 j 06:55	7°♍58'41	
min. Earth dist.	-1260 Sep 04 j 09:28	3°♍40'25	0.66122 AU
inferior conj	-1260 Sep 05 j 23:18	1°♍45'30	-2°-8'-25
minimum elong	-1260 Sep 06 j 02:27	1°♍35'57	2°07'14
	-1260 Sep 07 j 10:40	30°℞♌	
morning rise	-1260 Sep 11 j 22:59	25°♌56'29	
asc. node	-1260 Sep 12 j 11:25	25°♌40'38	
direct	-1260 Sep 14 j 22:11	25°♌06'36	
morning max el	-1260 Sep 21 j 15:59	28°♌51'18	18°40'42
	-1260 Sep 22 j 17:45	0°♍	
morning set	-1260 Oct 12 j 08:00	29°♍14'02	
	-1260 Oct 12 j 19:31	0°♎	
desc. node	-1260 Oct 23 j 00:09	16°♎10'19	
superior conj	-1260 Oct 28 j 08:00	24°♎33'38	0°-34'-6

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1260 Oct 28 j 03:32	24°♎16'04	0°33'32
max. Earth dist.	-1260 Oct 28 j 10:36	24°♎43'53	1.44965 AU
	-1260 Oct 31 j 18:57	0°♏	
evening rise	-1260 Nov 13 j 07:09	19°♏48'57	
	-1260 Nov 19 j 16:09	0°♐	
evening max el	-1260 Dec 05 j 00:36	21°♐59'13	18°58'02
asc. node	-1260 Dec 09 j 10:40	25°♐20'09	
retrograde	-1260 Dec 11 j 21:20	25°♐53'02	
evening set	-1260 Dec 15 j 01:16	24°♐55'16	
inferior conj	-1260 Dec 20 j 19:26	19°♐07'21	3°14'19
minimum elong	-1260 Dec 20 j 16:36	19°♐16'10	3°13'39
min. Earth dist.	-1260 Dec 22 j 09:10	17°♐10'05	0.65515 AU
morning rise	-1260 Dec 26 j 07:00	12°♐57'05	
direct	-1259 Jan 01 j 19:48	10°♐07'48	
morning max el	-1259 Jan 14 j 18:47	17°♐42'34	26°40'41
desc. node	-1259 Jan 18 j 23:26	22°♐15'51	
	-1259 Jan 25 j 03:15	0°♑	
	-1259 Feb 13 j 10:46	0°♒	
morning set	-1259 Feb 19 j 16:48	11°♒25'58	
max. Earth dist.	-1259 Feb 24 j 00:39	19°♒51'29	1.34666 AU
superior conj	-1259 Feb 28 j 07:48	28°♒35'51	-1°-8'-44
minimum elong	-1259 Feb 28 j 10:53	28°♒51'47	1°08'14
	-1259 Mar 01 j 00:02	0°♓	
asc. node	-1259 Mar 07 j 09:59	13°♓24'58	
evening rise	-1259 Mar 07 j 22:16	14°♓28'37	
	-1259 Mar 15 j 22:09	0°♈	
evening max el	-1259 Mar 27 j 07:19	15°♈42'14	21°04'36
retrograde	-1259 Apr 07 j 22:51	21°♈19'27	
evening set	-1259 Apr 10 j 06:51	21°♈06'45	
desc. node	-1259 Apr 16 j 22:34	18°♈35'26	
inferior conj	-1259 Apr 19 j 13:35	17°♈08'24	0°-44'-43
minimum elong	-1259 Apr 19 j 11:28	17°♈11'24	0°43'58
min. Earth dist.	-1259 Apr 20 j 05:21	16°♈46'06	0.55062 AU
morning rise	-1259 Apr 28 j 15:34	13°♈03'31	
direct	-1259 May 01 j 21:13	12°♈40'50	
morning max el	-1259 May 14 j 18:25	18°♈51'21	22°32'16
	-1259 May 23 j 20:33	0°♉	
asc. node	-1259 Jun 03 j 09:16	18°♉46'48	
morning set	-1259 Jun 05 j 17:21	23°♉34'58	
	-1259 Jun 08 j 18:18	0°♊	
superior conj	-1259 Jun 12 j 23:05	8°♊56'31	1°25'46
minimum elong	-1259 Jun 12 j 20:33	8°♊43'09	1°25'28
max. Earth dist.	-1259 Jun 15 j 22:19	15°♊09'55	1.34241 AU
evening rise	-1259 Jun 20 j 20:32	25°♊06'02	
	-1259 Jun 23 j 09:37	0°♋	
	-1259 Jul 11 j 12:27	0°♌	
desc. node	-1259 Jul 13 j 21:49	3°♌19'23	
evening max el	-1259 Jul 25 j 10:44	16°♌52'50	27°10'53
retrograde	-1259 Aug 07 j 18:59	24°♌12'28	
evening set	-1259 Aug 14 j 18:18	21°♌26'51	
min. Earth dist.	-1259 Aug 18 j 13:43	17°♌46'23	0.64932 AU
inferior conj	-1259 Aug 20 j 16:40	15°♌24'08	-3°00'-8
minimum elong	-1259 Aug 20 j 20:48	15°♌12'32	2°58'49
morning rise	-1259 Aug 27 j 00:51	9°♌49'55	
direct	-1259 Aug 29 j 17:35	9°♌11'08	
asc. node	-1259 Aug 30 j 08:27	9°♌13'12	
morning max el	-1259 Sep 05 j 06:04	12°♌41'43	18°09'00
	-1259 Sep 17 j 07:52	0°♍	
morning set	-1259 Sep 23 j 09:48	10°♍07'00	
	-1259 Oct 05 j 12:58	0°♎	
superior conj	-1259 Oct 07 j 12:40	3°♎10'58	0°15'19
minimum elong	-1259 Oct 07 j 14:33	3°♎18'28	0°15'04
behind sun begin	-1259 Oct 07 j 10:29	3°♎02'13	
behind sun end	-1259 Oct 07 j 18:37	3°♎34'42	
desc. node	-1259 Oct 09 j 21:11	6°♎55'45	
max. Earth dist.	-1259 Oct 11 j 05:29	9°♎03'39	1.44726 AU
evening rise	-1259 Oct 24 j 02:42	29°♎11'43	
	-1259 Oct 24 j 15:09	0°♏	
greatest brilliancy	-1259 Nov 10 j 14:49	25°♏43'20	-0.6m
	-1259 Nov 13 j 17:36	0°♐	
evening max el	-1259 Nov 18 j 07:14	5°♐26'35	19°47'42
retrograde	-1259 Nov 25 j 18:25	9°♐47'56	
asc. node	-1259 Nov 26 j 07:41	9°♐46'11	
evening set	-1259 Nov 29 j 06:01	8°♐36'56	
inferior conj	-1259 Dec 04 j 19:31	2°♐34'55	2°37'45
minimum elong	-1259 Dec 04 j 16:41	2°♐44'18	2°36'51
min. Earth dist.	-1259 Dec 05 j 19:35	1°♐15'32	0.66543 AU
	-1259 Dec 06 j 18:59	30°℞♏	
morning rise	-1259 Dec 10 j 02:42	26°♏20'36	
direct	-1259 Dec 16 j 02:02	23°♏43'10	
	-1259 Dec 27 j 06:23	0°♐	
morning max el	-1259 Dec 28 j 03:52	0°♐52'55	25°29'37
desc. node	-1258 Jan 05 j 20:27	11°♐00'11	
	-1258 Jan 19 j 03:14	0°♑	
morning set	-1258 Feb 02 j 09:22	23°♑57'20	
	-1258 Feb 05 j 15:55	0°♒	
max. Earth dist.	-1258 Feb 06 j 04:53	1°♒01'05	1.36286 AU
superior conj	-1258 Feb 12 j 00:01	12°♒17'25	-1°-31'-29
minimum elong	-1258 Feb 12 j 03:38	12°♒35'29	1°31'03
evening rise	-1258 Feb 20 j 03:17	28°♒47'29	
	-1258 Feb 20 j 17:38	0°♓	
asc. node	-1258 Feb 22 j 07:01	3°♓06'59	
evening max el	-1258 Mar 09 j 17:31	27°♓12'23	19°51'14
	-1258 Mar 13 j 06:26	0°♈	
retrograde	-1258 Mar 19 j 16:13	1°♈57'49	
evening set	-1258 Mar 21 j 20:18	1°♈45'13	
	-1258 Mar 26 j 15:29	30°℞♓	
inferior conj	-1258 Mar 30 j 13:45	27°♓43'35	1°10'40
minimum elong	-1258 Mar 30 j 16:41	27°♓39'03	1°09'40
min. Earth dist.	-1258 Apr 01 j 19:31	26°♓20'50	0.55721 AU
desc. node	-1258 Apr 03 j 19:36	25°♓11'13	
morning rise	-1258 Apr 08 j 09:57	23°♓11'13	
direct	-1258 Apr 12 j 13:25	22°♓33'13	
morning max el	-1258 Apr 26 j 10:47	29°♓28'42	24°12'38
	-1258 Apr 26 j 23:44	0°♈	
	-1258 May 17 j 00:20	0°♉	
morning set	-1258 May 21 j 05:16	8°♉34'14	
asc. node	-1258 May 21 j 06:18	8°♉39'44	
superior conj	-1258 May 28 j 07:08	23°♉47'32	1°08'02
minimum elong	-1258 May 28 j 04:42	23°♉34'21	1°07'38
max. Earth dist.	-1258 May 30 j 01:57	27°♉37'55	1.33263 AU
	-1258 May 31 j 04:36	0°♊	
evening rise	-1258 Jun 04 j 16:55	9°♊22'05	
	-1258 Jun 15 j 18:49	0°♋	
desc. node	-1258 Jun 30 j 18:51	22°♋07'36	
	-1258 Jul 07 j 22:20	0°♌	
evening max el	-1258 Jul 07 j 20:53	29°♋56'34	27°25'20
retrograde	-1258 Jul 21 j 13:29	7°♌17'26	
evening set	-1258 Jul 28 j 18:04	4°♌39'33	
min. Earth dist.	-1258 Aug 01 j 08:31	1°♌32'23	0.63372 AU
	-1258 Aug 02 j 21:29	30°℞♋	
inferior conj	-1258 Aug 04 j 00:56	28°♋50'18	-3°-45'-54
minimum elong	-1258 Aug 04 j 05:22	28°♋39'06	3°44'51
morning rise	-1258 Aug 10 j 18:51	23°♋34'08	
direct	-1258 Aug 13 j 07:30	23°♋03'24	
asc. node	-1258 Aug 17 j 05:30	24°♋18'00	
morning max el	-1258 Aug 19 j 21:35	26°♋28'27	17°54'50
	-1258 Aug 22 j 22:26	0°♌	
morning set	-1258 Sep 05 j 12:30	22°♌10'55	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1258 Sep 10 j 00:19	0°♍	
superior conj	-1258 Sep 17 j 15:13	12°♍54'39	0°57'34
minimum elong	-1258 Sep 17 j 20:20	13°♍15'54	0°56'57
max. Earth dist.	-1258 Sep 23 j 21:38	23°♍08'26	1.43788 AU
desc. node	-1258 Sep 26 j 18:12	27°♍41'58	
	-1258 Sep 28 j 05:08	0°♎	
evening rise	-1258 Oct 03 j 09:10	8°♎03'48	
	-1258 Oct 17 j 22:41	0°♏	
greatest brilliancy	-1258 Oct 26 j 16:22	12°♏11'38	-0.5m
evening max el	-1258 Nov 01 j 08:20	18°♏53'49	20°51'23
retrograde	-1258 Nov 09 j 15:57	23°♏49'29	
asc. node	-1258 Nov 13 j 04:44	22°♏38'20	
evening set	-1258 Nov 13 j 13:15	22°♏23'10	
inferior conj	-1258 Nov 18 j 23:50	16°♏10'31	1°53'59
minimum elong	-1258 Nov 18 j 21:30	16°♏18'31	1°53'07
min. Earth dist.	-1258 Nov 19 j 11:52	15°♏29'25	0.67208 AU
morning rise	-1258 Nov 24 j 05:20	9°♏54'27	
direct	-1258 Nov 29 j 13:31	7°♏35'50	
morning max el	-1258 Dec 10 j 12:28	14°♏08'01	24°05'25
	-1258 Dec 23 j 10:25	0°♐	
desc. node	-1258 Dec 23 j 17:30	0°♐24'30	
	-1257 Jan 12 j 00:46	0°♑	
morning set	-1257 Jan 15 j 04:12	5°♑20'21	
max. Earth dist.	-1257 Jan 19 j 00:57	12°♑07'27	1.38257 AU
superior conj	-1257 Jan 26 j 04:15	25°♑18'51	-1°-49'-20
minimum elong	-1257 Jan 26 j 07:25	25°♑33'57	1°49'08
	-1257 Jan 28 j 14:43	0°♒	
evening rise	-1257 Feb 04 j 01:40	12°♒40'23	
asc. node	-1257 Feb 09 j 04:04	22°♒28'34	
	-1257 Feb 13 j 11:31	0°♓	
evening max el	-1257 Feb 20 j 14:18	9°♓19'44	18°56'58
retrograde	-1257 Mar 01 j 00:18	13°♓22'59	
evening set	-1257 Mar 03 j 07:29	13°♓06'04	
inferior conj	-1257 Mar 11 j 06:59	8°♓49'29	2°39'27
minimum elong	-1257 Mar 11 j 11:33	8°♓41'21	2°38'18
min. Earth dist.	-1257 Mar 14 j 11:36	6°♓34'04	0.57175 AU
morning rise	-1257 Mar 19 j 11:29	3°♓44'52	
desc. node	-1257 Mar 21 j 16:38	3°♓00'36	
direct	-1257 Mar 24 j 18:56	2°♓37'24	
morning max el	-1257 Apr 08 j 01:55	10°♓02'29	25°46'42
	-1257 Apr 23 j 05:16	0°♈	
morning set	-1257 May 05 j 17:04	23°♈33'35	
asc. node	-1257 May 08 j 03:23	28°♈44'06	
	-1257 May 08 j 17:26	0°♉	
superior conj	-1257 May 12 j 17:59	8°♉46'32	0°46'56
minimum elong	-1257 May 12 j 16:05	8°♉36'08	0°46'34
max. Earth dist.	-1257 May 13 j 11:59	10°♉24'54	1.32657 AU
evening rise	-1257 May 19 j 20:39	24°♉00'22	
	-1257 May 22 j 19:40	0°♊	
	-1257 Jun 09 j 14:07	0°♋	
desc. node	-1257 Jun 17 j 15:53	9°♋57'03	
evening max el	-1257 Jun 20 j 03:18	12°♋27'14	27°07'55
retrograde	-1257 Jul 04 j 01:24	19°♋46'14	
evening set	-1257 Jul 11 j 02:13	17°♋30'26	
min. Earth dist.	-1257 Jul 14 j 17:19	14°♋45'43	0.61496 AU
inferior conj	-1257 Jul 17 j 21:02	11°♋57'14	-4°-20'-44
minimum elong	-1257 Jul 18 j 00:27	11°♋49'35	4°20'16
morning rise	-1257 Jul 25 j 01:34	7°♋01'49	
direct	-1257 Jul 27 j 12:28	6°♋36'38	
morning max el	-1257 Aug 03 j 11:40	10°♋05'01	17°59'09
asc. node	-1257 Aug 04 j 02:34	10°♋42'40	
	-1257 Aug 16 j 14:21	0°♌	
morning set	-1257 Aug 19 j 10:17	5°♌10'05	
superior conj	-1257 Aug 29 j 21:21	24°♌00'15	1°26'48
minimum elong	-1257 Aug 30 j 01:55	24°♌20'07	1°26'22
	-1257 Sep 02 j 08:50	0°♍	
max. Earth dist.	-1257 Sep 06 j 08:39	6°♍41'52	1.42284 AU
evening rise	-1257 Sep 12 j 20:49	17°♍13'18	
desc. node	-1257 Sep 13 j 15:14	18°♍26'05	
	-1257 Sep 21 j 03:17	0°♎	
greatest brilliancy	-1257 Oct 10 j 09:48	26°♎59'58	-0.3m
	-1257 Oct 12 j 22:52	0°♏	
evening max el	-1257 Oct 15 j 03:38	2°♏21'44	22°05'38
retrograde	-1257 Oct 24 j 12:00	7°♏55'20	
evening set	-1257 Oct 28 j 21:09	6°♏11'39	
asc. node	-1257 Oct 31 j 01:46	4°♏02'04	
inferior conj	-1257 Nov 03 j 06:23	29°♎52'09	1°05'02
minimum elong	-1257 Nov 03 j 04:56	29°♎57'11	1°04'26
	-1257 Nov 03 j 04:08	30°℞♎	
min. Earth dist.	-1257 Nov 03 j 07:35	29°♎48'00	0.67542 AU
morning rise	-1257 Nov 08 j 12:30	23°♎36'53	
direct	-1257 Nov 13 j 05:28	21°♎40'14	
morning max el	-1257 Nov 22 j 22:56	27°♎26'55	22°38'00
	-1257 Nov 25 j 08:02	0°♏	
greatest brilliancy	-1257 Nov 27 j 14:49	2°♏40'32	-0.3m
desc. node	-1257 Dec 10 j 14:33	20°♏17'32	
	-1257 Dec 17 j 02:32	0°♐	
morning set	-1257 Dec 26 j 19:21	15°♐20'46	
max. Earth dist.	-1257 Dec 31 j 20:46	23°♐47'25	1.40368 AU
	-1256 Jan 04 j 11:05	0°♑	
superior conj	-1256 Jan 08 j 15:56	7°♑28'57	-1°-59'-6
minimum elong	-1256 Jan 08 j 17:01	7°♑33'52	1°59'07
evening rise	-1256 Jan 18 j 14:28	26°♑00'24	
	-1256 Jan 20 j 17:16	0°♒	
asc. node	-1256 Jan 27 j 01:06	11°♒22'56	
evening max el	-1256 Feb 03 j 19:21	21°♒58'15	18°22'42
retrograde	-1256 Feb 11 j 03:02	25°♒35'07	
evening set	-1256 Feb 13 j 14:36	25°♒11'21	
inferior conj	-1256 Feb 20 j 21:06	20°♒34'04	3°32'08
minimum elong	-1256 Feb 21 j 00:10	20°♒27'39	3°31'41
min. Earth dist.	-1256 Feb 24 j 07:17	17°♒44'51	0.59120 AU
morning rise	-1256 Feb 28 j 06:09	15°♒03'49	
direct	-1256 Mar 05 j 13:44	13°♒18'23	
desc. node	-1256 Mar 07 j 13:43	13°♒28'43	
morning max el	-1256 Mar 19 j 20:54	20°♒58'31	26°59'22
	-1256 Mar 27 j 16:47	0°♓	
	-1256 Apr 14 j 23:01	0°♈	
morning set	-1256 Apr 19 j 03:01	8°♈26'13	
asc. node	-1256 Apr 24 j 00:26	18°♈54'30	
superior conj	-1256 Apr 26 j 05:45	23°♈46'24	0°23'18
minimum elong	-1256 Apr 26 j 04:44	23°♈40'47	0°23'05
max. Earth dist.	-1256 Apr 26 j 00:52	23°♈19'36	1.32414 AU
	-1256 Apr 29 j 01:59	0°♉	
evening rise	-1256 May 03 j 05:07	8°♉51'19	
	-1256 May 14 j 05:54	0°♊	
evening max el	-1256 Jun 01 j 03:46	24°♊15'10	26°17'51
desc. node	-1256 Jun 03 j 12:55	26°♊22'23	
	-1256 Jun 09 j 01:32	0°♋	
retrograde	-1256 Jun 15 j 04:59	1°♋30'10	
	-1256 Jun 21 j 05:24	30°℞♊	
evening set	-1256 Jun 21 j 14:09	29°♊48'59	
min. Earth dist.	-1256 Jun 25 j 16:50	27°♊10'35	0.59453 AU
inferior conj	-1256 Jun 29 j 01:17	24°♊34'53	-4°-36'-55
minimum elong	-1256 Jun 29 j 01:51	24°♊33'45	4°36'55
morning rise	-1256 Jul 06 j 17:04	20°♊01'52	
direct	-1256 Jul 09 j 04:21	19°♊40'22	
morning max el	-1256 Jul 16 j 21:15	23°♊22'21	18°23'04
asc. node	-1256 Jul 20 j 23:40	28°♊10'58	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1256 Jul 22 j 06:06	0°♋	
morning set	-1256 Aug 01 j 21:54	18°♋49'58	
	-1256 Aug 07 j 18:35	0°♌	
superior conj	-1256 Aug 11 j 03:37	6°♌17'30	1°42'52
minimum elong	-1256 Aug 11 j 05:58	6°♌28'19	1°42'46
max. Earth dist.	-1256 Aug 18 j 14:25	19°♌34'11	1.40412 AU
evening rise	-1256 Aug 23 j 04:56	27°♌20'48	
	-1256 Aug 24 j 19:42	0°♍	
desc. node	-1256 Aug 30 j 12:16	9°♍03'57	
	-1256 Sep 13 j 18:46	0°♎	
evening max el	-1256 Sep 26 j 18:09	15°♎51'31	23°25'32
retrograde	-1256 Oct 07 j 05:07	22°♎02'18	
evening set	-1256 Oct 12 j 04:00	20°♎00'00	
asc. node	-1256 Oct 16 j 22:50	14°♎26'56	
min. Earth dist.	-1256 Oct 17 j 04:11	14°♎08'40	0.67557 AU
inferior conj	-1256 Oct 17 j 13:19	13°♎37'22	0°12'29
minimum elong	-1256 Oct 17 j 13:01	13°♎38'23	0°12'21
transit middle	-1256 Oct 17 j 13:01	13°♎38'23	0°12'21
transit begin	-1256 Oct 17 j 11:15	13°♎44'27	
transit end	-1256 Oct 17 j 14:47	13°♎32'19	
morning rise	-1256 Oct 22 j 22:05	7°♎25'46	
direct	-1256 Oct 27 j 00:53	5°♎51'12	
morning max el	-1256 Nov 04 j 14:47	10°♎53'08	21°15'41
greatest brilliancy	-1256 Nov 09 j 22:31	17°♎02'06	-0.4m
	-1256 Nov 19 j 09:00	0°♏	
desc. node	-1256 Nov 26 j 11:36	10°♏30'57	
morning set	-1256 Dec 05 j 06:29	24°♏02'41	
	-1256 Dec 09 j 00:32	0°♐	
max. Earth dist.	-1256 Dec 12 j 23:17	6°♐23'57	1.42323 AU
superior conj	-1256 Dec 20 j 05:34	18°♐34'18	-1°-56'-40
minimum elong	-1256 Dec 20 j 02:42	18°♐22'01	1°56'35
	-1256 Dec 26 j 18:22	0°♑	
evening rise	-1256 Dec 31 j 14:02	8°♑39'51	
asc. node	-1255 Jan 12 j 22:09	29°♑41'36	
	-1255 Jan 13 j 03:19	0°♒	
evening max el	-1255 Jan 17 j 05:36	4°♒59'16	18°08'18
retrograde	-1255 Jan 23 j 22:29	8°♒25'31	
evening set	-1255 Jan 26 j 13:56	7°♒53'40	
inferior conj	-1255 Feb 02 j 06:27	2°♒54'20	3°53'09
minimum elong	-1255 Feb 02 j 07:06	2°♒52'47	3°53'06
	-1255 Feb 05 j 07:40	30°♑	
min. Earth dist.	-1255 Feb 05 j 09:25	29°♑55'59	0.61196 AU
morning rise	-1255 Feb 08 j 21:40	27°♑06'36	
direct	-1255 Feb 15 j 18:59	24°♑46'27	
desc. node	-1255 Feb 22 j 10:46	26°♑42'32	
	-1255 Feb 27 j 03:01	0°♒	
morning max el	-1255 Mar 01 j 22:12	2°♒33'42	27°39'33
	-1255 Mar 22 j 01:24	0°♓	
morning set	-1255 Apr 03 j 09:15	23°♓05'44	
	-1255 Apr 06 j 16:23	0°♈	
max. Earth dist.	-1255 Apr 09 j 12:55	6°♈09'17	1.32532 AU
superior conj	-1255 Apr 10 j 16:49	8°♈41'14	0°-2'-4
minimum elong	-1255 Apr 10 j 16:54	8°♈41'44	0°02'02
behind sun begin	-1255 Apr 10 j 11:52	8°♈14'15	
behind sun end	-1255 Apr 10 j 21:56	9°♈09'14	
asc. node	-1255 Apr 10 j 21:30	9°♈06'49	
evening rise	-1255 Apr 17 j 16:13	23°♈47'32	
	-1255 Apr 20 j 16:14	0°♉	
	-1255 May 09 j 00:09	0°♊	
evening max el	-1255 May 13 j 21:47	5°♊20'36	25°00'23
desc. node	-1255 May 21 j 09:56	10°♊50'29	
retrograde	-1255 May 27 j 21:56	12°♊27'30	
evening set	-1255 Jun 02 j 03:17	11°♊24'57	
min. Earth dist.	-1255 Jun 07 j 09:31	8°♊35'41	0.57489 AU
inferior conj	-1255 Jun 10 j 10:21	6°♊33'42	-4°-23'-28
minimum elong	-1255 Jun 10 j 06:39	6°♊39'57	4°23'03
morning rise	-1255 Jun 18 j 13:54	2°♊22'14	
direct	-1255 Jun 21 j 02:50	2°♊03'23	
morning max el	-1255 Jun 29 j 23:22	6°♊11'26	19°07'39
asc. node	-1255 Jul 07 j 20:44	16°♊28'51	
	-1255 Jul 15 j 06:42	0°♋	
morning set	-1255 Jul 16 j 19:21	3°♋00'11	
superior conj	-1255 Jul 25 j 04:22	19°♋31'09	1°47'54
minimum elong	-1255 Jul 25 j 04:30	19°♋31'50	1°47'56
	-1255 Jul 30 j 17:53	0°♌	
max. Earth dist.	-1255 Jul 31 j 17:21	1°♌47'00	1.38417 AU
evening rise	-1255 Aug 04 j 14:25	8°♌40'42	
desc. node	-1255 Aug 17 j 09:16	29°♌31'20	
	-1255 Aug 17 j 16:48	0°♍	
evening max el	-1255 Sep 09 j 05:56	29°♍24'15	24°44'33
	-1255 Sep 09 j 20:37	0°♎	
retrograde	-1255 Sep 20 j 18:18	6°♎06'56	
evening set	-1255 Sep 26 j 08:04	3°♎46'19	
	-1255 Sep 29 j 19:25	30°♍	
min. Earth dist.	-1255 Sep 30 j 23:13	28°♍29'40	0.67261 AU
inferior conj	-1255 Oct 01 j 18:53	27°♍24'19	0°-42'-9
minimum elong	-1255 Oct 01 j 19:55	27°♍20'54	0°41'44
asc. node	-1255 Oct 03 j 19:54	24°♍46'18	
morning rise	-1255 Oct 07 j 08:10	21°♍19'15	
direct	-1255 Oct 10 j 22:27	20°♍04'47	
morning max el	-1255 Oct 18 j 14:07	24°♍29'19	20°04'07
	-1255 Oct 23 j 07:21	0°♎	
greatest brilliancy	-1255 Oct 25 j 18:13	3°♎16'13	-0.6m
	-1255 Nov 12 j 17:28	0°♏	
desc. node	-1255 Nov 13 j 08:37	0°♏58'24	
morning set	-1255 Nov 14 j 03:24	2°♏11'00	
max. Earth dist.	-1255 Nov 25 j 09:34	19°♏51'32	1.43849 AU
superior conj	-1255 Nov 30 j 16:24	28°♏23'41	-1°-37'-48
minimum elong	-1255 Nov 30 j 09:19	27°♏54'47	1°37'15
	-1255 Dec 01 j 15:57	0°♐	
evening rise	-1255 Dec 13 j 20:01	20°♐29'26	
	-1255 Dec 19 j 08:52	0°♑	
asc. node	-1255 Dec 30 j 19:11	17°♑12'57	
evening max el	-1255 Dec 31 j 17:59	18°♑13'41	18°13'13
retrograde	-1254 Jan 07 j 06:06	21°♑42'34	
evening set	-1254 Jan 10 j 01:28	21°♑01'48	
inferior conj	-1254 Jan 16 j 07:13	15°♑41'41	3°50'32
minimum elong	-1254 Jan 16 j 05:51	15°♑45'21	3°50'24
min. Earth dist.	-1254 Jan 18 j 20:38	12°♑56'12	0.63123 AU
morning rise	-1254 Jan 22 j 08:28	9°♑42'13	
direct	-1254 Jan 29 j 08:41	6°♑59'10	
desc. node	-1254 Feb 09 j 07:49	12°♑09'25	
morning max el	-1254 Feb 12 j 04:55	14°♑48'42	27°42'59
	-1254 Feb 24 j 14:26	0°♒	
	-1254 Mar 14 j 14:46	0°♓	
morning set	-1254 Mar 18 j 09:28	7°♓23'31	
max. Earth dist.	-1254 Mar 23 j 20:02	18°♓38'50	1.33025 AU
superior conj	-1254 Mar 26 j 01:23	23°♓24'19	0°-28'-17
minimum elong	-1254 Mar 26 j 02:43	23°♓31'27	0°28'00
asc. node	-1254 Mar 28 j 18:32	29°♓16'10	
	-1254 Mar 29 j 02:38	0°♈	
evening rise	-1254 Apr 02 j 04:00	8°♈41'18	
	-1254 Apr 13 j 08:38	0°♉	
evening max el	-1254 Apr 25 j 12:35	15°♉59'20	23°27'31
desc. node	-1254 May 08 j 06:58	22°♉44'42	
retrograde	-1254 May 09 j 02:43	22°♉46'14	
evening set	-1254 May 12 j 22:00	22°♉14'25	
min. Earth dist.	-1254 May 19 j 23:00	19°♉00'22	0.55928 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

inferior conj	-1254 May 21 j 23:20	17°♉48'31	-3°-29'-3
minimum elong	-1254 May 21 j 16:35	17°♉58'36	3°27'25
morning rise	-1254 May 30 j 14:39	13°♉52'01	
direct	-1254 Jun 02 j 06:00	13°♉34'50	
morning max el	-1254 Jun 12 j 15:38	18°♉23'34	20°13'05
	-1254 Jun 21 j 14:47	0°♊	
asc. node	-1254 Jun 24 j 17:48	5°♊24'25	
morning set	-1254 Jun 30 j 23:38	17°♊32'42	
	-1254 Jul 07 j 01:40	0°♋	
superior conj	-1254 Jul 08 j 18:26	3°♋26'27	1°44'18
minimum elong	-1254 Jul 08 j 16:59	3°♋19'09	1°44'16
max. Earth dist.	-1254 Jul 13 j 22:25	13°♋36'42	1.36541 AU
evening rise	-1254 Jul 17 j 22:34	21°♋07'29	
	-1254 Jul 22 j 22:24	0°♌	
desc. node	-1254 Aug 04 j 06:16	19°♌42'56	
	-1254 Aug 11 j 14:18	0°♍	
evening max el	-1254 Aug 22 j 17:04	12°♍59'16	25°55'15
retrograde	-1254 Sep 04 j 03:01	20°♍04'50	
evening set	-1254 Sep 10 j 07:29	17°♍28'57	
min. Earth dist.	-1254 Sep 14 j 14:22	12°♍49'06	0.66634 AU
inferior conj	-1254 Sep 15 j 21:20	11°♍11'19	-1°-37'-15
minimum elong	-1254 Sep 15 j 23:44	11°♍03'44	1°36'18
asc. node	-1254 Sep 20 j 16:57	5°♍57'09	
morning rise	-1254 Sep 21 j 16:48	5°♍15'44	
direct	-1254 Sep 24 j 20:45	4°♍18'04	
morning max el	-1254 Oct 01 j 20:44	8°♍14'49	19°06'39
	-1254 Oct 17 j 10:35	0°♎	
morning set	-1254 Oct 24 j 10:35	10°♎56'51	
desc. node	-1254 Oct 31 j 05:37	21°♎35'49	
	-1254 Nov 05 j 14:06	0°♏	
max. Earth dist.	-1254 Nov 08 j 01:16	3°♏52'52	1.44757 AU
superior conj	-1254 Nov 10 j 02:26	7°♏07'01	-1°-1'-12
minimum elong	-1254 Nov 09 j 19:14	6°♏38'32	1°00'23
	-1254 Nov 24 j 08:07	0°♐	
evening rise	-1254 Nov 25 j 04:10	1°♐21'57	
	-1254 Dec 13 j 19:01	0°♑	
evening max el	-1254 Dec 15 j 05:55	1°♑36'02	18°36'39
asc. node	-1254 Dec 17 j 16:13	3°♑43'53	
retrograde	-1254 Dec 21 j 21:33	5°♑18'23	
evening set	-1254 Dec 24 j 21:49	4°♑27'26	
	-1254 Dec 29 j 19:26	30°℞♐	
inferior conj	-1254 Dec 30 j 19:33	28°♐48'56	3°31'08
minimum elong	-1254 Dec 30 j 17:02	28°♐56'27	3°30'40
min. Earth dist.	-1253 Jan 01 j 17:50	26°♐31'18	0.64745 AU
morning rise	-1253 Jan 05 j 11:01	22°♐41'36	
direct	-1253 Jan 12 j 05:40	19°♐50'24	
morning max el	-1253 Jan 25 j 14:20	27°♐34'35	27°11'46
desc. node	-1253 Jan 27 j 04:52	29°♐14'03	
	-1253 Jan 27 j 21:53	0°♑	
	-1253 Feb 18 j 06:43	0°♒	
morning set	-1253 Mar 02 j 00:42	21°♒10'11	
	-1253 Mar 06 j 11:04	0°♓	
max. Earth dist.	-1253 Mar 06 j 18:12	0°♓36'26	1.33934 AU
superior conj	-1253 Mar 10 j 05:34	7°♓49'31	0°-54'-20
minimum elong	-1253 Mar 10 j 08:05	8°♓02'44	0°53'53
asc. node	-1253 Mar 15 j 15:33	19°♓18'37	
evening rise	-1253 Mar 17 j 14:40	23°♓26'29	
	-1253 Mar 20 j 19:33	0°♈	
evening max el	-1253 Apr 07 j 07:08	26°♈41'22	21°53'58
	-1253 Apr 11 j 08:54	0°♉	
retrograde	-1253 Apr 19 j 20:16	2°♉48'29	
evening set	-1253 Apr 22 j 12:17	2°♉32'37	
desc. node	-1253 Apr 25 j 04:01	1°♉47'43	
	-1253 Apr 29 j 02:41	30°℞♈	

inferior conj	-1253 May 01 j 21:23	28°♈28'06	-1°-52'-22
minimum elong	-1253 May 01 j 16:19	28°♈35'14	1°50'40
min. Earth dist.	-1253 May 01 j 12:16	28°♈40'56	0.55108 AU
morning rise	-1253 May 10 j 21:33	24°♈31'23	
direct	-1253 May 13 j 19:10	24°♈12'42	
	-1253 May 25 j 23:41	0°♉	
morning max el	-1253 May 25 j 20:56	29°♈53'35	21°37'19
asc. node	-1253 Jun 11 j 14:50	24°♉48'05	
	-1253 Jun 14 j 05:04	0°♊	
morning set	-1253 Jun 15 j 08:20	2°♊20'17	
superior conj	-1253 Jun 22 j 17:46	17°♊50'46	1°34'04
minimum elong	-1253 Jun 22 j 15:26	17°♊38'40	1°33'51
max. Earth dist.	-1253 Jun 26 j 11:06	25°♊29'38	1.34970 AU
	-1253 Jun 28 j 17:19	0°♋	
evening rise	-1253 Jul 01 j 00:24	4°♋27'31	
	-1253 Jul 15 j 17:35	0°♌	
desc. node	-1253 Jul 22 j 03:17	9°♌30'58	
evening max el	-1253 Aug 05 j 04:41	26°♌30'59	26°49'50
	-1253 Aug 09 j 05:10	0°♍	
retrograde	-1253 Aug 18 j 06:42	3°♍48'38	
evening set	-1253 Aug 25 j 00:03	1°♍03'56	
	-1253 Aug 26 j 04:45	30°℞♌	
min. Earth dist.	-1253 Aug 28 j 23:19	27°♌01'57	0.65655 AU
inferior conj	-1253 Aug 30 j 18:40	24°♌54'30	-2°-30'-55
minimum elong	-1253 Aug 30 j 22:18	24°♌43'50	2°29'38
morning rise	-1253 Sep 05 j 21:49	19°♌11'27	
asc. node	-1253 Sep 07 j 14:00	18°♌34'22	
direct	-1253 Sep 08 j 17:51	18°♌26'52	
morning max el	-1253 Sep 15 j 08:46	22°♌04'54	18°25'07
	-1253 Sep 21 j 14:09	0°♍	
morning set	-1253 Oct 04 j 19:59	21°♍01'42	
	-1253 Oct 10 j 09:10	0°♎	
desc. node	-1253 Oct 18 j 02:37	12°♎19'12	
superior conj	-1253 Oct 20 j 02:31	15°♎28'18	0°-12'-56
minimum elong	-1253 Oct 20 j 00:48	15°♎21'34	0°12'43
behind sun begin	-1253 Oct 19 j 17:42	14°♎53'31	
behind sun end	-1253 Oct 20 j 07:55	15°♎49'36	
max. Earth dist.	-1253 Oct 21 j 19:24	18°♎09'22	1.44948 AU
	-1253 Oct 29 j 08:27	0°♏	
evening rise	-1253 Nov 05 j 12:07	11°♏14'00	
	-1253 Nov 17 j 12:23	0°♐	
greatest brilliancy	-1253 Nov 18 j 19:44	1°♐58'55	-0.7m
evening max el	-1253 Nov 28 j 15:02	15°♐02'16	19°17'21
asc. node	-1253 Dec 04 j 13:14	18°♐59'21	
retrograde	-1253 Dec 05 j 17:17	19°♐07'01	
evening set	-1253 Dec 09 j 00:10	18°♐04'04	
inferior conj	-1253 Dec 14 j 16:08	12°♐09'58	2°59'49
minimum elong	-1253 Dec 14 j 13:14	12°♐19'17	2°59'02
min. Earth dist.	-1253 Dec 15 j 23:57	10°♐28'13	0.65996 AU
morning rise	-1253 Dec 20 j 01:26	5°♐57'33	
direct	-1253 Dec 26 j 08:55	3°♐11'50	
morning max el	-1252 Jan 07 j 23:47	10°♐38'22	26°12'39
desc. node	-1252 Jan 14 j 01:54	17°♐27'57	
	-1252 Jan 23 j 10:06	0°♑	
	-1252 Feb 10 j 19:56	0°♒	
morning set	-1252 Feb 13 j 03:02	4°♒13'26	
max. Earth dist.	-1252 Feb 17 j 04:33	11°♒58'28	1.35295 AU
superior conj	-1252 Feb 22 j 03:01	21°♒49'48	-1°-18'-49
minimum elong	-1252 Feb 22 j 06:25	22°♒07'07	1°18'20
	-1252 Feb 26 j 02:11	0°♓	
evening rise	-1252 Feb 29 j 22:21	7°♓56'53	
asc. node	-1252 Mar 01 j 12:35	9°♓09'44	
	-1252 Mar 13 j 00:42	0°♈	
evening max el	-1252 Mar 19 j 11:12	7°♈51'52	20°31'21

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

retrograde	-1252 Mar 30 j 09:39	13°♈06'15	
evening set	-1252 Apr 01 j 14:27	12°♈54'25	
inferior conj	-1252 Apr 10 j 16:42	8°♈57'03	0°05'55
minimum elong	-1252 Apr 10 j 16:59	8°♈56'39	0°05'49
transit middle	-1252 Apr 10 j 16:59	8°♈56'39	0°05'49
transit begin	-1252 Apr 10 j 13:12	9°♈02'08	
transit end	-1252 Apr 10 j 20:45	8°♈51'10	
desc. node	-1252 Apr 11 j 01:03	8°♈44'54	
min. Earth dist.	-1252 Apr 12 j 02:11	8°♈08'26	0.55227 AU
morning rise	-1252 Apr 19 j 17:36	4°♈41'40	
direct	-1252 Apr 23 j 07:21	4°♈13'54	
morning max el	-1252 May 06 j 16:43	10°♈45'52	23°14'38
	-1252 May 20 j 21:28	0°♉	
asc. node	-1252 May 28 j 11:53	14°♉32'43	
morning set	-1252 May 29 j 19:38	17°♉17'39	
	-1252 Jun 04 j 18:27	0°♊	
superior conj	-1252 Jun 05 j 23:23	2°♊35'01	1°18'44
minimum elong	-1252 Jun 05 j 20:50	2°♊21'23	1°18'22
max. Earth dist.	-1252 Jun 08 j 09:49	7°♊45'10	1.33782 AU
evening rise	-1252 Jun 13 j 15:14	18°♊27'39	
	-1252 Jun 19 j 16:40	0°♋	
desc. node	-1252 Jul 08 j 00:20	28°♋45'21	
	-1252 Jul 08 j 23:21	0°♌	
evening max el	-1252 Jul 17 j 16:11	9°♌49'52	27°20'43
retrograde	-1252 Jul 31 j 04:43	17°♌10'33	
evening set	-1252 Aug 07 j 06:57	14°♌26'54	
min. Earth dist.	-1252 Aug 10 j 23:58	11°♌01'06	0.64312 AU
inferior conj	-1252 Aug 13 j 08:34	8°♌29'21	-3°-20'-33
minimum elong	-1252 Aug 13 j 12:57	8°♌17'35	3°19'18
morning rise	-1252 Aug 19 j 20:44	3°♌02'08	
direct	-1252 Aug 22 j 11:23	2°♌27'08	
asc. node	-1252 Aug 24 j 11:03	2°♌47'31	
morning max el	-1252 Aug 28 j 23:46	5°♌54'37	18°00'40
	-1252 Sep 13 j 22:30	0°♍	
morning set	-1252 Sep 15 j 09:06	2°♍27'11	
superior conj	-1252 Sep 28 j 14:52	24°♍29'26	0°34'39
minimum elong	-1252 Sep 28 j 18:40	24°♍44'50	0°34'08
	-1252 Oct 02 j 01:04	0°♎	
max. Earth dist.	-1252 Oct 03 j 13:14	2°♎24'05	1.44412 AU
desc. node	-1252 Oct 03 j 23:40	3°♎05'30	
evening rise	-1252 Oct 15 j 00:14	20°♎18'56	
	-1252 Oct 21 j 07:52	0°♏	
greatest brilliancy	-1252 Nov 04 j 03:45	20°♏20'24	-0.6m
evening max el	-1252 Nov 10 j 19:32	28°♏30'03	20°13'22
	-1252 Nov 12 j 08:51	0°♐	
retrograde	-1252 Nov 18 j 14:42	3°♐04'56	
asc. node	-1252 Nov 20 j 10:17	2°♐46'01	
evening set	-1252 Nov 22 j 06:12	1°♐47'43	
	-1252 Nov 24 j 06:41	30°℞♏	
inferior conj	-1252 Nov 27 j 18:17	25°♏41'01	2°19'55
minimum elong	-1252 Nov 27 j 15:36	25°♏50'02	2°19'00
min. Earth dist.	-1252 Nov 28 j 13:06	24°♏37'52	0.66874 AU
morning rise	-1252 Dec 03 j 00:26	19°♏25'50	
direct	-1252 Dec 08 j 17:35	16°♏55'32	
morning max el	-1252 Dec 20 j 08:14	23°♏50'13	24°54'44
	-1252 Dec 25 j 20:34	0°♐	
desc. node	-1252 Dec 30 j 22:56	6°♐30'54	
	-1251 Jan 15 j 20:00	0°♑	
morning set	-1251 Jan 25 j 11:06	16°♑17'25	
max. Earth dist.	-1251 Jan 29 j 04:15	23°♑01'06	1.37088 AU
	-1251 Feb 01 j 21:24	0°♒	
superior conj	-1251 Feb 04 j 14:38	5°♒15'45	-1°-39'-50
minimum elong	-1251 Feb 04 j 18:14	5°♒33'19	1°39'30
evening rise	-1251 Feb 13 j 00:51	22°♒05'26	
asc. node	-1251 Feb 16 j 09:38	28°♒43'47	
	-1251 Feb 17 j 01:29	0°♓	
evening max el	-1251 Mar 02 j 02:11	19°♓38'30	19°25'49
retrograde	-1251 Mar 11 j 07:55	24°♓03'51	
evening set	-1251 Mar 13 j 13:09	23°♓49'42	
inferior conj	-1251 Mar 21 j 23:06	19°♓42'52	1°52'33
minimum elong	-1251 Mar 22 j 03:13	19°♓36'08	1°51'18
min. Earth dist.	-1251 Mar 24 j 16:50	17°♓56'14	0.56258 AU
desc. node	-1251 Mar 28 j 22:06	15°♓36'16	
morning rise	-1251 Mar 30 j 13:35	14°♓56'57	
direct	-1251 Apr 04 j 05:04	14°♓07'56	
morning max el	-1251 Apr 18 j 07:35	21°♓17'27	24°54'18
	-1251 Apr 25 j 20:37	0°♈	
	-1251 May 13 j 05:20	0°♉	
morning set	-1251 May 14 j 07:44	2°♉17'51	
asc. node	-1251 May 15 j 08:57	4°♉31'16	
superior conj	-1251 May 21 j 08:52	17°♉30'17	0°59'27
minimum elong	-1251 May 21 j 06:37	17°♉18'00	0°59'03
max. Earth dist.	-1251 May 22 j 16:47	20°♉23'23	1.32969 AU
	-1251 May 27 j 05:15	0°♊	
evening rise	-1251 May 28 j 15:09	2°♊54'44	
	-1251 Jun 12 j 12:26	0°♋	
desc. node	-1251 Jun 24 j 21:22	17°♋11'13	
evening max el	-1251 Jun 30 j 01:19	22°♋41'54	27°21'56
	-1251 Jul 13 j 04:43	0°♌	
retrograde	-1251 Jul 13 j 20:17	0°♌01'10	
	-1251 Jul 14 j 11:45	30°℞♋	
evening set	-1251 Jul 21 j 00:35	27°♋31'15	
min. Earth dist.	-1251 Jul 24 j 14:32	24°♋35'10	0.62616 AU
inferior conj	-1251 Jul 27 j 12:06	21°♋48'43	-4°-2'-23
minimum elong	-1251 Jul 27 j 16:18	21°♋38'37	4°01'33
morning rise	-1251 Aug 03 j 10:25	16°♋40'47	
direct	-1251 Aug 05 j 22:10	16°♋12'32	
asc. node	-1251 Aug 11 j 08:08	18°♋28'10	
morning max el	-1251 Aug 12 j 14:58	19°♋37'41	17°54'16
	-1251 Aug 20 j 06:23	0°♌	
morning set	-1251 Aug 28 j 20:40	14°♌57'00	
	-1251 Sep 06 j 09:46	0°♍	
superior conj	-1251 Sep 09 j 05:09	4°♍47'56	1°11'40
minimum elong	-1251 Sep 09 j 10:23	5°♍10'05	1°11'05
max. Earth dist.	-1251 Sep 16 j 03:56	16°♍19'28	1.43215 AU
desc. node	-1251 Sep 20 j 20:43	23°♍51'25	
evening rise	-1251 Sep 24 j 06:39	29°♍12'56	
	-1251 Sep 24 j 18:45	0°♎	
	-1251 Oct 15 j 01:49	0°♏	
greatest brilliancy	-1251 Oct 19 j 15:17	6°♏02'29	-0.4m
evening max el	-1251 Oct 24 j 18:14	11°♏58'07	21°21'58
retrograde	-1251 Nov 02 j 11:43	17°♏09'11	
evening set	-1251 Nov 06 j 13:57	15°♏35'30	
asc. node	-1251 Nov 07 j 07:19	14°♏59'08	
inferior conj	-1251 Nov 11 j 23:46	9°♏19'34	1°33'46
minimum elong	-1251 Nov 11 j 21:46	9°♏26'28	1°32'58
min. Earth dist.	-1251 Nov 12 j 07:02	8°♏54'35	0.67392 AU
morning rise	-1251 Nov 17 j 05:17	3°♏03'48	
direct	-1251 Nov 22 j 06:58	0°♏54'28	
morning max el	-1251 Dec 02 j 17:14	7°♏07'02	23°28'09
greatest brilliancy	-1251 Dec 08 j 12:52	13°♏42'41	-0.2m
desc. node	-1251 Dec 17 j 20:00	26°♏08'54	
	-1251 Dec 20 j 12:12	0°♐	
morning set	-1250 Jan 06 j 18:44	27°♐06'35	
	-1250 Jan 08 j 11:35	0°♑	
max. Earth dist.	-1250 Jan 10 j 23:49	4°♑20'31	1.39157 AU
superior conj	-1250 Jan 18 j 12:30	17°♑57'19	-1°-54'-42
minimum elong	-1250 Jan 18 j 15:01	18°♑09'04	1°54'36

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1250 Jan 24 j 20:13	0°♒	
evening rise	-1250 Jan 27 j 19:36	5°♒45'48	
asc. node	-1250 Feb 03 j 06:41	17°♒54'57	
	-1250 Feb 11 j 05:57	0°♓	
evening max el	-1250 Feb 13 j 02:47	1°♓59'49	18°39'52
retrograde	-1250 Feb 21 j 00:07	5°♓50'05	
evening set	-1250 Feb 23 j 09:14	5°♓30'24	
inferior conj	-1250 Mar 03 j 01:07	1°♓04'58	3°06'09
minimum elong	-1250 Mar 03 j 05:19	0°♓56'59	3°05'16
	-1250 Mar 04 j 11:05	30°℞♒	
min. Earth dist.	-1250 Mar 06 j 09:51	28°♒32'39	0.57964 AU
morning rise	-1250 Mar 10 j 21:28	25°♒48'28	
desc. node	-1250 Mar 15 j 19:09	24°♒27'31	
direct	-1250 Mar 16 j 16:01	24°♒25'37	
	-1250 Mar 28 j 20:20	0°♓	
morning max el	-1250 Mar 30 j 23:54	1°♓57'46	26°21'08
	-1250 Apr 19 j 23:07	0°♈	
morning set	-1250 Apr 28 j 18:58	17°♈15'07	
asc. node	-1250 May 02 j 06:01	24°♈38'39	
	-1250 May 04 j 16:55	0°♉	
superior conj	-1250 May 05 j 20:18	2°♉30'04	0°37'10
minimum elong	-1250 May 05 j 18:44	2°♉21'29	0°36'51
max. Earth dist.	-1250 May 06 j 04:38	3°♉15'44	1.32513 AU
evening rise	-1250 May 12 j 21:10	17°♉39'04	
	-1250 May 19 j 02:09	0°♊	
	-1250 Jun 07 j 14:25	0°♋	
desc. node	-1250 Jun 11 j 18:24	4°♋28'18	
evening max el	-1250 Jun 12 j 05:19	4°♋54'39	26°50'19
retrograde	-1250 Jun 26 j 04:38	12°♋11'52	
evening set	-1250 Jul 03 j 00:37	10°♋09'19	
min. Earth dist.	-1250 Jul 06 j 18:53	7°♋29'49	0.60643 AU
inferior conj	-1250 Jul 10 j 01:52	4°♋44'10	-4°-30'-26
minimum elong	-1250 Jul 10 j 04:20	4°♋38'59	4°30'14
morning rise	-1250 Jul 17 j 11:09	29°♊58'22	
	-1250 Jul 17 j 09:07	30°℞♊	
direct	-1250 Jul 19 j 22:08	29°♊34'51	
	-1250 Jul 22 j 09:43	0°♋	
morning max el	-1250 Jul 27 j 03:31	3°♋07'11	18°06'53
asc. node	-1250 Jul 29 j 05:14	5°♋21'46	
morning set	-1250 Aug 12 j 00:52	28°♋14'58	
	-1250 Aug 12 j 23:22	0°♌	
superior conj	-1250 Aug 21 j 22:14	16°♌26'12	1°35'07
minimum elong	-1250 Aug 22 j 01:56	16°♌42'41	1°34'51
max. Earth dist.	-1250 Aug 29 j 12:59	29°♌37'39	1.41519 AU
	-1250 Aug 29 j 18:18	0°♍	
evening rise	-1250 Sep 04 j 01:39	8°♍43'12	
desc. node	-1250 Sep 07 j 17:44	14°♍33'19	
	-1250 Sep 17 j 22:12	0°♎	
greatest brilliancy	-1250 Oct 02 j 14:38	19°♎59'31	-0.3m
evening max el	-1250 Oct 07 j 11:09	25°♎26'04	22°39'15
	-1250 Oct 13 j 01:57	0°♏	
retrograde	-1250 Oct 17 j 06:44	1°♏16'06	
	-1250 Oct 21 j 02:32	30°℞♎	
evening set	-1250 Oct 21 j 21:36	29°♎24'19	
asc. node	-1250 Oct 25 j 04:24	25°♎52'30	
inferior conj	-1250 Oct 27 j 06:40	23°♎02'49	0°43'05
minimum elong	-1250 Oct 27 j 05:41	23°♎06'15	0°42'38
min. Earth dist.	-1250 Oct 27 j 03:21	23°♎14'17	0.67585 AU
morning rise	-1250 Nov 01 j 13:42	16°♎48'55	
direct	-1250 Nov 06 j 00:21	15°♎02'03	
morning max el	-1250 Nov 15 j 05:47	20°♎29'16	22°02'00
greatest brilliancy	-1250 Nov 19 j 23:48	25°♎51'28	-0.4m
	-1250 Nov 23 j 05:45	0°♏	
desc. node	-1250 Dec 04 j 17:01	16°♏11'17	
	-1250 Dec 13 j 18:37	0°♐	
morning set	-1250 Dec 17 j 21:20	6°♐31'09	
max. Earth dist.	-1250 Dec 23 j 22:10	16°♐24'16	1.41235 AU
superior conj	-1250 Dec 31 j 15:23	29°♐40'49	-1°-59'-49
minimum elong	-1250 Dec 31 j 15:00	29°♐39'06	1°59'51
	-1250 Dec 31 j 19:43	0°♑	
evening rise	-1249 Jan 11 j 03:14	18°♑49'30	
	-1249 Jan 17 j 05:53	0°♒	
asc. node	-1249 Jan 21 j 03:43	6°♒35'13	
evening max el	-1249 Jan 27 j 10:17	14°♒48'14	18°14'07
retrograde	-1249 Feb 03 j 10:34	18°♒19'13	
evening set	-1249 Feb 05 j 23:40	17°♒52'15	
inferior conj	-1249 Feb 12 j 23:48	13°♒05'30	3°44'28
minimum elong	-1249 Feb 13 j 01:52	13°♒00'57	3°44'15
min. Earth dist.	-1249 Feb 16 j 08:03	10°♒09'13	0.60001 AU
morning rise	-1249 Feb 20 j 00:49	7°♒26'31	
direct	-1249 Feb 26 j 15:25	5°♒25'20	
desc. node	-1249 Mar 02 j 16:12	6°♒07'52	
morning max el	-1249 Mar 12 j 21:44	13°♒09'55	27°20'57
	-1249 Mar 26 j 07:02	0°♓	
	-1249 Apr 12 j 03:42	0°♈	
morning set	-1249 Apr 13 j 03:36	2°♈03'06	
asc. node	-1249 Apr 19 j 03:05	14°♈50'19	
max. Earth dist.	-1249 Apr 19 j 17:33	16°♈09'29	1.32412 AU
superior conj	-1249 Apr 20 j 07:58	17°♈28'23	0°12'42
minimum elong	-1249 Apr 20 j 07:23	17°♈25'15	0°12'36
behind sun begin	-1249 Apr 20 j 04:20	17°♈08'32	
behind sun end	-1249 Apr 20 j 10:26	17°♈41'58	
	-1249 Apr 26 j 02:09	0°♉	
evening rise	-1249 Apr 27 j 06:57	2°♉32'45	
	-1249 May 12 j 04:01	0°♊	
evening max el	-1249 May 25 j 02:40	16°♊23'00	25°47'40
desc. node	-1249 May 29 j 15:25	20°♊08'27	
retrograde	-1249 Jun 08 j 04:19	23°♊36'26	
evening set	-1249 Jun 14 j 03:01	22°♊11'35	
min. Earth dist.	-1249 Jun 18 j 15:03	19°♊30'38	0.58583 AU
inferior conj	-1249 Jun 21 j 22:17	17°♊06'28	-4°-35'-37
minimum elong	-1249 Jun 21 j 21:08	17°♊08'35	4°35'35
morning rise	-1249 Jun 29 j 19:05	12°♊43'23	
direct	-1249 Jul 02 j 06:50	12°♊23'15	
morning max el	-1249 Jul 10 j 10:23	16°♊14'35	18°39'32
asc. node	-1249 Jul 16 j 02:18	23°♊13'12	
	-1249 Jul 20 j 05:35	0°♋	
morning set	-1249 Jul 26 j 17:08	12°♋09'20	
superior conj	-1249 Aug 04 j 13:09	29°♋10'23	1°46'12
minimum elong	-1249 Aug 04 j 14:31	29°♋16'47	1°46'11
	-1249 Aug 04 j 23:43	0°♌	
max. Earth dist.	-1249 Aug 11 j 16:40	12°♌11'05	1.39558 AU
evening rise	-1249 Aug 15 j 20:36	19°♌21'59	
	-1249 Aug 22 j 08:14	0°♍	
desc. node	-1249 Aug 25 j 14:45	5°♍07'45	
	-1249 Sep 12 j 04:23	0°♎	
evening max el	-1249 Sep 20 j 00:04	8°♎56'56	23°59'35
retrograde	-1249 Sep 30 j 22:26	15°♎22'58	
evening set	-1249 Oct 06 j 03:29	13°♎12'43	
min. Earth dist.	-1249 Oct 10 j 23:40	7°♎35'38	0.67470 AU
inferior conj	-1249 Oct 11 j 13:14	6°♎49'35	0°-10'-31
minimum elong	-1249 Oct 11 j 13:30	6°♎48'44	0°10'26
transit middle	-1249 Oct 11 j 13:30	6°♎48'44	0°10'26
transit begin	-1249 Oct 11 j 11:24	6°♎55'49	
transit end	-1249 Oct 11 j 15:35	6°♎41'38	
asc. node	-1249 Oct 12 j 01:27	6°♎08'17	
morning rise	-1249 Oct 16 j 23:43	0°♎40'13	
	-1249 Oct 18 j 00:49	30°℞♍	
direct	-1249 Oct 20 j 20:51	29°♍14'41	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1249 Oct 23 j 21:01	0°♎	
morning max el	-1249 Oct 29 j 00:43	4°♎00'04	20°43'33
greatest brilliancy	-1249 Nov 04 j 00:30	11°♎04'34	-0.5m
	-1249 Nov 17 j 06:34	0°♏	
desc. node	-1249 Nov 21 j 14:03	6°♏31'17	
morning set	-1249 Nov 26 j 23:40	14°♏50'25	
max. Earth dist.	-1249 Dec 06 j 03:23	29°♏21'21	1.43038 AU
	-1249 Dec 06 j 12:55	0°♐	
superior conj	-1249 Dec 12 j 17:54	10°♐14'02	-1°-50'-51
minimum elong	-1249 Dec 12 j 13:04	9°♐53'48	1°50'37
	-1249 Dec 24 j 04:22	0°♑	
evening rise	-1249 Dec 24 j 19:49	1°♑08'19	
asc. node	-1248 Jan 08 j 00:44	24°♑35'09	
evening max el	-1248 Jan 10 j 21:46	27°♑55'39	18°08'07
	-1248 Jan 13 j 09:35	0°♒	
retrograde	-1248 Jan 17 j 11:36	1°♒21'32	
evening set	-1248 Jan 20 j 04:35	0°♒46'07	
	-1248 Jan 21 j 15:21	30°℞♑	
inferior conj	-1248 Jan 26 j 16:11	25°♑38'03	3°54'27
minimum elong	-1248 Jan 26 j 15:53	25°♑38'48	3°54'25
min. Earth dist.	-1248 Jan 29 j 14:00	22°♑42'26	0.62046 AU
morning rise	-1248 Feb 02 j 00:55	19°♑44'39	
direct	-1248 Feb 09 j 00:46	17°♑12'34	
desc. node	-1248 Feb 17 j 13:14	20°♑22'19	
morning max el	-1248 Feb 23 j 01:29	25°♑02'17	27°45'28
	-1248 Feb 27 j 15:05	0°♒	
	-1248 Mar 18 j 15:52	0°♓	
morning set	-1248 Mar 27 j 07:32	16°♓34'14	
max. Earth dist.	-1248 Apr 02 j 03:45	28°♓51'04	1.32683 AU
	-1248 Apr 02 j 16:31	0°♈	
superior conj	-1248 Apr 03 j 18:10	2°♈18'58	0°-13'-8
minimum elong	-1248 Apr 03 j 18:46	2°♈22'17	0°13'00
behind sun begin	-1248 Apr 03 j 15:49	2°♈06'15	
behind sun end	-1248 Apr 03 j 21:43	2°♈38'20	
asc. node	-1248 Apr 05 j 00:06	5°♈01'46	
evening rise	-1248 Apr 10 j 18:31	17°♈28'27	
	-1248 Apr 16 j 23:47	0°♉	
evening max el	-1248 May 05 j 18:42	27°♉14'23	24°22'04
	-1248 May 08 j 23:17	0°♊	
desc. node	-1248 May 15 j 12:26	3°♊35'17	
retrograde	-1248 May 19 j 16:36	4°♊15'09	
evening set	-1248 May 24 j 07:12	3°♊27'36	
min. Earth dist.	-1248 May 30 j 06:17	0°♊29'00	0.56744 AU
	-1248 May 31 j 00:50	30°℞♉	
inferior conj	-1248 Jun 01 j 22:41	28°♉46'49	-4°-5'-57
minimum elong	-1248 Jun 01 j 17:18	28°♉55'25	4°05'02
morning rise	-1248 Jun 10 j 07:17	24°♉42'45	
direct	-1248 Jun 12 j 20:54	24°♉24'52	
morning max el	-1248 Jun 22 j 08:36	28°♉49'08	19°32'59
	-1248 Jun 23 j 13:18	0°♊	
asc. node	-1248 Jul 01 j 23:21	11°♊48'23	
morning set	-1248 Jul 09 j 17:49	26°♊29'53	
	-1248 Jul 11 j 11:38	0°♋	
superior conj	-1248 Jul 17 j 20:07	12°♋43'20	1°47'19
minimum elong	-1248 Jul 17 j 19:30	12°♋40'17	1°47'19
max. Earth dist.	-1248 Jul 23 j 19:29	24°♋09'57	1.37591 AU
	-1248 Jul 27 j 00:10	0°♌	
evening rise	-1248 Jul 27 j 16:20	1°♌12'13	
desc. node	-1248 Aug 11 j 11:47	25°♌29'19	
	-1248 Aug 14 j 12:55	0°♍	
evening max el	-1248 Sep 01 j 11:29	22°♍31'41	25°16'07
retrograde	-1248 Sep 13 j 09:51	29°♍25'23	
evening set	-1248 Sep 19 j 05:49	26°♍58'03	
min. Earth dist.	-1248 Sep 23 j 17:28	21°♍56'31	0.67038 AU
inferior conj	-1248 Sep 24 j 17:44	20°♍37'23	-1°-5'-33
minimum elong	-1248 Sep 24 j 19:21	20°♍32'07	1°04'53
asc. node	-1248 Sep 27 j 22:29	16°♍43'53	
morning rise	-1248 Sep 30 j 09:25	14°♍35'40	
direct	-1248 Oct 03 j 19:03	13°♍28'40	
morning max el	-1248 Oct 11 j 03:13	17°♍40'22	19°37'41
greatest brilliancy	-1248 Oct 19 j 14:01	28°♍22'39	-0.6m
	-1248 Oct 20 j 17:02	0°♎	
morning set	-1248 Nov 04 j 22:04	23°♎06'46	
desc. node	-1248 Nov 07 j 11:05	27°♎03'41	
	-1248 Nov 09 j 08:22	0°♏	
max. Earth dist.	-1248 Nov 17 j 16:07	13°♏05'06	1.44324 AU
superior conj	-1248 Nov 21 j 17:24	19°♏33'20	-1°-24'-18
minimum elong	-1248 Nov 21 j 09:30	19°♏01'38	1°23'33
	-1248 Nov 28 j 03:43	0°♐	
evening rise	-1248 Dec 05 j 16:58	12°♐34'29	
	-1248 Dec 16 j 04:16	0°♑	
evening max el	-1248 Dec 24 j 10:22	11°♑14'57	18°21'04
asc. node	-1248 Dec 24 j 21:44	11°♑43'03	
retrograde	-1248 Dec 30 j 22:54	14°♑47'56	
evening set	-1247 Jan 02 j 20:17	14°♑02'57	
inferior conj	-1247 Jan 08 j 22:19	8°♑34'54	3°43'59
minimum elong	-1247 Jan 08 j 20:22	8°♑40'25	3°43'44
min. Earth dist.	-1247 Jan 11 j 05:23	5°♑59'51	0.63861 AU
morning rise	-1247 Jan 14 j 18:57	2°♑31'59	
	-1247 Jan 19 j 12:40	30°℞♐	
direct	-1247 Jan 21 j 17:52	29°♐43'30	
	-1247 Jan 24 j 01:00	0°♑	
desc. node	-1247 Feb 03 j 10:16	6°♑35'02	
morning max el	-1247 Feb 04 j 09:29	7°♑31'29	27°33'35
	-1247 Feb 21 j 17:57	0°♒	
	-1247 Mar 10 j 20:10	0°♓	
morning set	-1247 Mar 11 j 04:20	0°♓40'18	
max. Earth dist.	-1247 Mar 16 j 07:25	11°♓08'06	1.33357 AU
superior conj	-1247 Mar 19 j 01:09	16°♓55'52	0°-39'-25
minimum elong	-1247 Mar 19 j 03:00	17°♓05'44	0°39'03
asc. node	-1247 Mar 22 j 21:07	25°♓09'08	
	-1247 Mar 25 j 03:34	0°♈	
evening rise	-1247 Mar 26 j 06:04	2°♈19'53	
	-1247 Apr 10 j 17:45	0°♉	
evening max el	-1247 Apr 17 j 10:27	7°♉51'48	22°47'07
retrograde	-1247 Apr 30 j 15:43	14°♉23'20	
desc. node	-1247 May 02 j 09:27	14°♉16'37	
evening set	-1247 May 03 j 21:51	14°♉00'09	
min. Earth dist.	-1247 May 11 j 19:28	10°♉32'05	0.55476 AU
inferior conj	-1247 May 13 j 04:18	9°♉44'58	-2°-52'-35
minimum elong	-1247 May 12 j 21:35	9°♉54'38	2°50'39
morning rise	-1247 May 21 j 23:56	5°♉50'20	
direct	-1247 May 24 j 17:24	5°♉32'54	
morning max el	-1247 Jun 04 j 20:04	10°♉43'00	20°46'47
	-1247 Jun 18 j 08:14	0°♊	
asc. node	-1247 Jun 18 j 20:24	0°♊56'57	
morning set	-1247 Jun 24 j 00:15	11°♊09'32	
superior conj	-1247 Jul 01 j 14:32	26°♊51'50	1°40'41
minimum elong	-1247 Jul 01 j 12:37	26°♊42'05	1°40'33
	-1247 Jul 03 j 03:32	0°♋	
max. Earth dist.	-1247 Jul 06 j 03:35	5°♋59'04	1.35836 AU
evening rise	-1247 Jul 10 j 08:38	14°♋03'15	
	-1247 Jul 19 j 09:28	0°♌	
desc. node	-1247 Jul 29 j 08:48	15°♌31'45	
	-1247 Aug 09 j 07:15	0°♍	
evening max el	-1247 Aug 14 j 23:02	6°♍06'50	26°20'56
retrograde	-1247 Aug 27 j 16:17	13°♍17'53	
evening set	-1247 Sep 03 j 02:36	10°♍37'31	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

min. Earth dist.	-1247 Sep 07 j 06:17	6°♍13'42	0.66266 AU
inferior conj	-1247 Sep 08 j 18:17	4°♍23'10	-2°00'-18
minimum elong	-1247 Sep 08 j 21:14	4°♍14'06	1°59'10
	-1247 Sep 12 j 17:24	30°℞♌	
morning rise	-1247 Sep 14 j 16:49	28°♌32'25	
asc. node	-1247 Sep 14 j 19:33	28°♌28'36	
direct	-1247 Sep 17 j 17:13	27°♌40'35	
	-1247 Sep 22 j 22:24	0°♍	
morning max el	-1247 Sep 24 j 12:21	1°♍27'58	18°46'57
	-1247 Oct 14 j 03:08	0°♎	
morning set	-1247 Oct 15 j 15:32	2°♎24'31	
desc. node	-1247 Oct 25 j 08:07	17°♎44'06	
superior conj	-1247 Oct 31 j 20:38	27°♎59'56	0°-41'-29
minimum elong	-1247 Oct 31 j 15:18	27°♎38'54	0°40'49
max. Earth dist.	-1247 Oct 31 j 09:48	27°♎17'14	1.44935 AU
	-1247 Nov 02 j 03:09	0°♏	
evening rise	-1247 Nov 16 j 14:54	23°♏01'26	
	-1247 Nov 20 j 23:01	0°♐	
evening max el	-1247 Dec 07 j 21:25	24°♐39'39	18°51'55
asc. node	-1247 Dec 11 j 18:47	27°♐44'04	
retrograde	-1247 Dec 14 j 16:34	28°♐30'13	
evening set	-1247 Dec 17 j 19:32	27°♐34'14	
inferior conj	-1247 Dec 23 j 14:32	21°♐48'34	3°19'03
minimum elong	-1247 Dec 23 j 11:46	21°♐57'06	3°18'27
min. Earth dist.	-1247 Dec 25 j 06:24	19°♐45'56	0.65328 AU
morning rise	-1247 Dec 29 j 03:00	15°♐38'59	
direct	-1246 Jan 04 j 17:26	12°♐48'57	
morning max el	-1246 Jan 17 j 19:09	20°♐26'23	26°49'34
desc. node	-1246 Jan 21 j 07:19	24°♐12'02	
	-1246 Jan 26 j 01:46	0°♑	
	-1246 Feb 14 j 20:02	0°♒	
morning set	-1246 Feb 22 j 14:36	14°♒09'45	
max. Earth dist.	-1246 Feb 27 j 00:58	22°♒51'01	1.34464 AU
	-1246 Mar 02 j 13:03	0°♓	
superior conj	-1246 Mar 03 j 02:46	1°♓11'10	-1°-5'00
minimum elong	-1246 Mar 03 j 05:43	1°♓26'28	1°04'31
asc. node	-1246 Mar 09 j 18:08	15°♓07'14	
evening rise	-1246 Mar 10 j 15:43	16°♓59'35	
	-1246 Mar 17 j 05:42	0°♈	
evening max el	-1246 Mar 30 j 08:27	18°♈42'49	21°16'55
retrograde	-1246 Apr 11 j 05:52	24°♈28'12	
evening set	-1246 Apr 13 j 15:29	24°♈14'56	
desc. node	-1246 Apr 19 j 06:28	22°♈15'11	
inferior conj	-1246 Apr 22 j 23:16	20°♈15'25	-1°-2'-50
minimum elong	-1246 Apr 22 j 20:19	20°♈19'35	1°01'48
min. Earth dist.	-1246 Apr 23 j 08:34	20°♈02'21	0.55045 AU
morning rise	-1246 May 02 j 01:07	16°♈13'21	
direct	-1246 May 05 j 04:18	15°♈52'02	
morning max el	-1246 May 17 j 20:51	21°♈54'49	22°17'44
	-1246 May 24 j 19:36	0°♉	
asc. node	-1246 Jun 05 j 17:28	20°♉30'12	
morning set	-1246 Jun 08 j 10:17	26°♉01'52	
	-1246 Jun 10 j 07:39	0°♊	
superior conj	-1246 Jun 15 j 16:51	11°♊25'19	1°28'06
minimum elong	-1246 Jun 15 j 14:22	11°♊12'12	1°27'50
max. Earth dist.	-1246 Jun 18 j 20:43	18°♊00'56	1.34416 AU
evening rise	-1246 Jun 23 j 16:29	27°♊41'16	
	-1246 Jun 24 j 21:13	0°♋	
	-1246 Jul 12 j 15:22	0°♌	
desc. node	-1246 Jul 16 j 05:49	5°♌06'46	
evening max el	-1246 Jul 28 j 10:45	19°♌34'16	27°06'15
retrograde	-1246 Aug 10 j 17:30	26°♌53'43	
evening set	-1246 Aug 17 j 15:28	24°♌07'50	
min. Earth dist.	-1246 Aug 21 j 11:47	20°♌22'01	0.65129 AU
inferior conj	-1246 Aug 23 j 12:47	18°♌03'19	-2°-52'-38
minimum elong	-1246 Aug 23 j 16:49	17°♌51'54	2°51'19
morning rise	-1246 Aug 29 j 19:38	12°♌26'50	
direct	-1246 Sep 01 j 13:08	11°♌46'40	
asc. node	-1246 Sep 01 j 16:38	11°♌46'47	
morning max el	-1246 Sep 08 j 02:03	15°♌18'54	18°12'41
	-1246 Sep 18 j 14:26	0°♍	
morning set	-1246 Sep 26 j 13:12	13°♍05'32	
	-1246 Oct 06 j 21:32	0°♎	
superior conj	-1246 Oct 10 j 23:28	6°♎31'27	0°08'05
minimum elong	-1246 Oct 11 j 00:29	6°♎35'29	0°07'56
behind sun begin	-1246 Oct 10 j 14:50	5°♎57'07	
behind sun end	-1246 Oct 11 j 10:07	7°♎13'48	
desc. node	-1246 Oct 12 j 05:10	8°♎29'21	
max. Earth dist.	-1246 Oct 14 j 04:40	11°♎37'10	1.44805 AU
	-1246 Oct 25 j 22:33	0°♏	
evening rise	-1246 Oct 27 j 13:31	2°♏31'32	
greatest brilliancy	-1246 Nov 13 j 01:52	27°♏43'02	-0.7m
	-1246 Nov 14 j 16:27	0°♐	
evening max el	-1246 Nov 21 j 04:45	8°♐06'50	19°39'19
retrograde	-1246 Nov 28 j 13:28	12°♐23'48	
asc. node	-1246 Nov 28 j 15:50	12°♐23'45	
evening set	-1246 Dec 01 j 23:46	11°♐14'59	
inferior conj	-1246 Dec 07 j 13:50	5°♐14'49	2°43'49
minimum elong	-1246 Dec 07 j 10:58	5°♐24'15	2°42'57
min. Earth dist.	-1246 Dec 08 j 15:51	3°♐49'37	0.66414 AU
	-1246 Dec 11 j 20:54	30°℞♏	
morning rise	-1246 Dec 12 j 21:28	29°♏00'49	
direct	-1246 Dec 18 j 22:57	26°♏21'01	
	-1246 Dec 27 j 05:00	0°♐	
morning max el	-1246 Dec 31 j 04:28	3°♐35'46	25°41'14
desc. node	-1245 Jan 08 j 04:23	12°♐49'04	
	-1245 Jan 20 j 09:08	0°♑	
morning set	-1245 Feb 05 j 09:54	26°♑49'53	
	-1245 Feb 07 j 03:08	0°♒	
max. Earth dist.	-1245 Feb 09 j 06:43	4°♒02'59	1.36018 AU
superior conj	-1245 Feb 14 j 20:27	14°♒57'40	-1°-28'-18
minimum elong	-1245 Feb 15 j 00:03	15°♒15'42	1°27'51
	-1245 Feb 22 j 05:31	0°♓	
evening rise	-1245 Feb 22 j 21:31	1°♓21'29	
asc. node	-1245 Feb 24 j 15:10	4°♓51'35	
evening max el	-1245 Mar 12 j 17:01	0°♈07'30	20°01'02
	-1245 Mar 12 j 13:55	0°♈	
retrograde	-1245 Mar 22 j 21:56	5°♈00'19	
evening set	-1245 Mar 25 j 01:50	4°♈48'08	
inferior conj	-1245 Apr 02 j 21:47	0°♈48'04	0°54'21
minimum elong	-1245 Apr 03 j 00:07	0°♈44'30	0°53'34
	-1245 Apr 04 j 05:24	30°℞♓	
min. Earth dist.	-1245 Apr 04 j 22:43	29°♓33'58	0.55563 AU
desc. node	-1245 Apr 06 j 03:31	28°♓51'55	
morning rise	-1245 Apr 11 j 19:32	26°♓20'16	
direct	-1245 Apr 15 j 19:07	25°♓45'23	
	-1245 Apr 26 j 13:29	0°♈	
morning max el	-1245 Apr 29 j 14:00	2°♈35'33	23°57'43
	-1245 May 18 j 10:52	0°♉	
morning set	-1245 May 23 j 22:05	11°♉00'50	
asc. node	-1245 May 23 j 14:31	10°♉21'08	
superior conj	-1245 May 31 j 00:22	26°♉14'55	1°10'58
minimum elong	-1245 May 30 j 21:52	26°♉01'32	1°10'35
	-1245 Jun 01 j 18:18	0°♊	
max. Earth dist.	-1245 Jun 01 j 23:05	0°♊25'31	1.33382 AU
evening rise	-1245 Jun 07 j 11:33	11°♊53'34	
	-1245 Jun 17 j 03:09	0°♋	
desc. node	-1245 Jul 03 j 02:51	24°♋02'26	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1245 Jul 08 j 05:19	0°♌	
evening max el	-1245 Jul 10 j 21:17	2°♌42'10	27°25'10
retrograde	-1245 Jul 24 j 13:02	10°♌03'26	
evening set	-1245 Jul 31 j 17:14	7°♌23'34	
min. Earth dist.	-1245 Aug 04 j 08:11	4°♌11'50	0.63623 AU
inferior conj	-1245 Aug 06 j 22:38	1°♌31'57	-3°-39'-34
minimum elong	-1245 Aug 07 j 03:05	1°♌20'30	3°38'28
	-1245 Aug 08 j 11:12	30°℞♋	
morning rise	-1245 Aug 13 j 15:02	26°♋12'54	
direct	-1245 Aug 16 j 04:04	25°♋41'12	
asc. node	-1245 Aug 19 j 13:43	26°♋38'25	
morning max el	-1245 Aug 22 j 17:33	29°♋06'43	17°55'46
	-1245 Aug 23 j 13:57	0°♌	
morning set	-1245 Sep 08 j 12:32	24°♌59'48	
	-1245 Sep 11 j 09:52	0°♍	
superior conj	-1245 Sep 20 j 22:03	16°♍03'18	0°51'57
minimum elong	-1245 Sep 21 j 02:58	16°♍23'34	0°51'19
max. Earth dist.	-1245 Sep 26 j 21:06	25°♍44'08	1.43967 AU
desc. node	-1245 Sep 29 j 02:12	29°♍15'42	
	-1245 Sep 29 j 13:23	0°♎	
evening rise	-1245 Oct 06 j 20:51	11°♎25'15	
	-1245 Oct 19 j 03:17	0°♏	
greatest brilliancy	-1245 Oct 29 j 09:26	14°♏32'38	-0.5m
evening max el	-1245 Nov 04 j 06:46	21°♏34'10	20°41'10
retrograde	-1245 Nov 12 j 11:04	26°♏24'25	
asc. node	-1245 Nov 15 j 12:54	25°♏30'18	
evening set	-1245 Nov 16 j 06:45	25°♏00'35	
inferior conj	-1245 Nov 21 j 17:41	18°♏49'24	2°01'03
minimum elong	-1245 Nov 21 j 15:14	18°♏57'44	2°00'08
min. Earth dist.	-1245 Nov 22 j 07:27	18°♏02'30	0.67132 AU
morning rise	-1245 Nov 26 j 23:15	12°♏33'24	
direct	-1245 Dec 02 j 09:48	10°♏11'31	
morning max el	-1245 Dec 13 j 12:57	16°♏50'04	24°18'21
	-1245 Dec 24 j 11:44	0°♐	
desc. node	-1245 Dec 26 j 01:27	2°♐08'18	
	-1244 Jan 13 j 09:31	0°♑	
morning set	-1244 Jan 18 j 08:27	8°♑24'30	
max. Earth dist.	-1244 Jan 22 j 03:21	15°♑06'43	1.37945 AU
superior conj	-1244 Jan 29 j 02:47	28°♑06'13	-1°-47'-5
minimum elong	-1244 Jan 29 j 06:07	28°♑22'12	1°46'51
	-1244 Jan 30 j 02:24	0°♒	
evening rise	-1244 Feb 06 j 21:06	15°♒18'59	
asc. node	-1244 Feb 11 j 12:13	24°♒16'50	
	-1244 Feb 14 j 16:15	0°♓	
evening max el	-1244 Feb 23 j 12:28	12°♓10'18	19°03'50
retrograde	-1244 Mar 03 j 03:15	16°♓18'40	
evening set	-1244 Mar 05 j 09:51	16°♓02'35	
inferior conj	-1244 Mar 13 j 12:05	11°♓48'53	2°28'16
minimum elong	-1244 Mar 13 j 16:39	11°♓40'55	2°27'02
min. Earth dist.	-1244 Mar 16 j 14:32	9°♓40'19	0.56917 AU
morning rise	-1244 Mar 21 j 19:21	6°♓48'57	
desc. node	-1244 Mar 23 j 00:34	6°♓23'11	
direct	-1244 Mar 26 j 22:46	5°♓46'31	
morning max el	-1244 Apr 10 j 04:52	13°♓08'13	25°33'39
	-1244 Apr 23 j 09:14	0°♈	
morning set	-1244 May 07 j 10:02	26°♈00'50	
asc. node	-1244 May 09 j 11:34	0°♉24'14	
	-1244 May 09 j 07:03	0°♉	
superior conj	-1244 May 14 j 10:56	11°♉13'33	0°50'19
minimum elong	-1244 May 14 j 08:55	11°♉02'34	0°49'57
max. Earth dist.	-1244 May 15 j 08:24	13°♉10'39	1.32727 AU
evening rise	-1244 May 21 j 14:24	26°♉29'38	
	-1244 May 23 j 07:42	0°♊	
	-1244 Jun 09 j 14:22	0°♋	

desc. node	-1244 Jun 18 j 23:51	12°♋02'14	
evening max el	-1244 Jun 22 j 04:31	15°♋18'59	27°12'37
retrograde	-1244 Jul 06 j 01:59	22°♋38'02	
evening set	-1244 Jul 13 j 03:59	20°♋18'14	
min. Earth dist.	-1244 Jul 16 j 18:32	17°♋30'56	0.61797 AU
inferior conj	-1244 Jul 19 j 20:46	14°♋42'27	-4°-16'-28
minimum elong	-1244 Jul 20 j 00:27	14°♋34'02	4°15'55
morning rise	-1244 Jul 26 j 23:40	9°♋43'36	
direct	-1244 Jul 29 j 10:42	9°♋17'41	
asc. node	-1244 Aug 05 j 10:48	12°♋51'56	
morning max el	-1244 Aug 05 j 08:00	12°♋45'02	17°57'12
	-1244 Aug 16 j 23:24	0°♌	
morning set	-1244 Aug 21 j 07:49	7°♌51'35	
superior conj	-1244 Sep 01 j 00:06	26°♌56'23	1°23'14
minimum elong	-1244 Sep 01 j 04:54	27°♌17'10	1°22'47
	-1244 Sep 02 j 18:45	0°♍	
max. Earth dist.	-1244 Sep 08 j 08:59	9°♍22'54	1.42542 AU
desc. node	-1244 Sep 14 j 23:14	20°♍00'06	
evening rise	-1244 Sep 15 j 06:31	20°♍28'50	
	-1244 Sep 21 j 10:04	0°♎	
greatest brilliancy	-1244 Oct 12 j 08:00	29°♎35'22	-0.4m
	-1244 Oct 12 j 16:01	0°♏	
evening max el	-1244 Oct 17 j 02:55	5°♏01'49	21°54'09
retrograde	-1244 Oct 26 j 07:20	10°♏29'24	
evening set	-1244 Oct 30 j 14:38	8°♏48'24	
asc. node	-1244 Nov 01 j 09:58	7°♏05'40	
inferior conj	-1244 Nov 04 j 23:59	2°♏29'49	1°12'45
minimum elong	-1244 Nov 04 j 22:23	2°♏35'23	1°12'04
min. Earth dist.	-1244 Nov 05 j 02:45	2°♏20'14	0.67513 AU
	-1244 Nov 06 j 20:06	30°℞♎	
morning rise	-1244 Nov 10 j 05:52	26°♎14'21	
direct	-1244 Nov 15 j 01:07	24°♎14'17	
	-1244 Nov 24 j 19:48	0°♏	
morning max el	-1244 Nov 24 j 22:48	0°♏07'35	22°50'52
greatest brilliancy	-1244 Nov 29 j 16:13	5°♏25'12	-0.3m
desc. node	-1244 Dec 11 j 22:30	21°♏57'27	
	-1244 Dec 17 j 08:53	0°♐	
morning set	-1244 Dec 29 j 03:56	18°♐37'22	
max. Earth dist.	-1243 Jan 02 j 22:50	26°♐40'16	1.40054 AU
	-1243 Jan 04 j 21:05	0°♑	
superior conj	-1243 Jan 10 j 17:17	10°♑24'50	-1°-58'-19
minimum elong	-1243 Jan 10 j 18:49	10°♑31'49	1°58'19
evening rise	-1243 Jan 20 j 11:32	28°♑44'19	
	-1243 Jan 21 j 03:27	0°♒	
asc. node	-1243 Jan 28 j 09:16	13°♒15'47	
evening max el	-1243 Feb 05 j 16:28	24°♒44'38	18°26'32
retrograde	-1243 Feb 13 j 03:13	28°♒24'21	
evening set	-1243 Feb 15 j 14:14	28°♒01'38	
inferior conj	-1243 Feb 22 j 23:03	23°♒27'28	3°26'22
minimum elong	-1243 Feb 23 j 02:28	23°♒20'31	3°25'47
min. Earth dist.	-1243 Feb 26 j 09:20	20°♒41'55	0.58813 AU
morning rise	-1243 Mar 02 j 11:02	18°♒00'38	
direct	-1243 Mar 08 j 15:35	16°♒21'04	
desc. node	-1243 Mar 09 j 21:37	16°♒25'05	
morning max el	-1243 Mar 22 j 22:59	23°♒59'10	26°50'27
	-1243 Mar 28 j 09:55	0°♓	
	-1243 Apr 16 j 09:55	0°♈	
morning set	-1243 Apr 21 j 20:22	10°♈54'43	
asc. node	-1243 Apr 26 j 08:36	20°♈33'44	
superior conj	-1243 Apr 28 j 22:39	26°♈13'23	0°27'02
minimum elong	-1243 Apr 28 j 21:29	26°♈06'56	0°26'47
max. Earth dist.	-1243 Apr 28 j 21:11	26°♈05'16	1.32431 AU
	-1243 Apr 30 j 15:59	0°♉	
evening rise	-1243 May 05 j 22:18	11°♉19'05	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1243 May 15 j 13:27	0°♊	
evening max el	-1243 Jun 04 j 06:01	27°♊13'33	26°27'10
desc. node	-1243 Jun 05 j 20:51	28°♊42'01	
	-1243 Jun 07 j 10:44	0°♋	
retrograde	-1243 Jun 18 j 06:41	4°♋28'48	
evening set	-1243 Jun 24 j 19:07	2°♋41'53	
	-1243 Jun 28 j 21:11	30°℞♊	
min. Earth dist.	-1243 Jun 28 j 19:11	0°♋03'47	0.59767 AU
inferior conj	-1243 Jul 02 j 03:34	27°♊24'56	-4°-36'-8
minimum elong	-1243 Jul 02 j 04:42	27°♊22'41	4°36'05
morning rise	-1243 Jul 09 j 17:38	22°♊48'29	
direct	-1243 Jul 12 j 04:50	22°♊26'28	
morning max el	-1243 Jul 19 j 18:23	26°♊05'29	18°18'11
asc. node	-1243 Jul 23 j 07:51	0°♋11'22	
	-1243 Jul 23 j 04:25	0°♋	
morning set	-1243 Aug 04 j 17:39	21°♋26'11	
	-1243 Aug 09 j 05:59	0°♌	
superior conj	-1243 Aug 14 j 03:07	9°♌03'59	1°41'11
minimum elong	-1243 Aug 14 j 05:49	9°♌16'22	1°41'03
max. Earth dist.	-1243 Aug 21 j 15:45	22°♌22'53	1.40708 AU
evening rise	-1243 Aug 26 j 11:02	0°♍26'06	
	-1243 Aug 26 j 04:41	0°♍	
desc. node	-1243 Sep 01 j 20:14	10°♍39'08	
	-1243 Sep 14 j 21:31	0°♎	
greatest brilliancy	-1243 Sep 23 j 18:22	11°♎45'29	-0.2m
evening max el	-1243 Sep 29 j 18:01	18°♎31'09	23°13'31
retrograde	-1243 Oct 10 j 00:55	24°♎36'28	
evening set	-1243 Oct 14 j 21:43	22°♎36'50	
asc. node	-1243 Oct 19 j 07:01	17°♎36'14	
inferior conj	-1243 Oct 20 j 06:56	16°♎14'26	0°20'36
minimum elong	-1243 Oct 20 j 06:27	16°♎16'07	0°20'23
min. Earth dist.	-1243 Oct 19 j 23:17	16°♎40'41	0.67576 AU
morning rise	-1243 Oct 25 j 15:12	10°♎02'16	
direct	-1243 Oct 29 j 20:00	8°♎24'34	
morning max el	-1243 Nov 07 j 13:43	13°♎32'37	21°27'24
greatest brilliancy	-1243 Nov 12 j 16:52	19°♎25'58	-0.4m
	-1243 Nov 20 j 12:39	0°♏	
desc. node	-1243 Nov 28 j 19:32	12°♏08'05	
morning set	-1243 Dec 08 j 18:44	27°♏28'57	
	-1243 Dec 10 j 08:49	0°♐	
max. Earth dist.	-1243 Dec 16 j 00:22	9°♐08'52	1.42052 AU
superior conj	-1243 Dec 23 j 10:29	21°♐40'10	-1°-58'00
minimum elong	-1243 Dec 23 j 08:18	21°♐30'46	1°57'59
	-1243 Dec 28 j 04:24	0°♑	
evening rise	-1242 Jan 03 j 13:17	11°♑30'05	
	-1242 Jan 14 j 03:49	0°♒	
asc. node	-1242 Jan 15 j 06:18	1°♒40'15	
evening max el	-1242 Jan 20 j 02:03	7°♒42'15	18°09'11
retrograde	-1242 Jan 26 j 20:31	11°♒09'19	
evening set	-1242 Jan 29 j 11:22	10°♒38'45	
inferior conj	-1242 Feb 05 j 05:44	5°♒42'32	3°51'38
minimum elong	-1242 Feb 05 j 06:45	5°♒40'09	3°51'35
min. Earth dist.	-1242 Feb 08 j 10:14	2°♒44'04	0.60888 AU
morning rise	-1242 Feb 11 j 23:23	29°♑56'49	
	-1242 Feb 11 j 21:27	30°℞♑	
direct	-1242 Feb 18 j 19:16	27°♑41'24	
desc. node	-1242 Feb 24 j 18:40	29°♑14'55	
	-1242 Feb 26 j 03:34	0°♒	
morning max el	-1242 Mar 04 j 23:24	5°♒27'56	27°35'56
	-1242 Mar 23 j 07:49	0°♓	
morning set	-1242 Apr 06 j 03:16	25°♓36'13	
	-1242 Apr 08 j 05:50	0°♈	
max. Earth dist.	-1242 Apr 12 j 09:36	8°♈56'14	1.32491 AU
superior conj	-1242 Apr 13 j 09:53	11°♈08'46	0°01'53
minimum elong	-1242 Apr 13 j 09:48	11°♈08'18	0°01'52
behind sun begin	-1242 Apr 13 j 04:47	10°♈40'51	
behind sun end	-1242 Apr 13 j 14:49	11°♈35'47	
asc. node	-1242 Apr 13 j 05:37	10°♈45'28	
evening rise	-1242 Apr 20 j 09:05	26°♈14'22	
	-1242 Apr 22 j 04:21	0°♉	
	-1242 May 09 j 17:07	0°♊	
evening max el	-1242 May 17 j 00:43	8°♊23'50	25°13'10
desc. node	-1242 May 23 j 17:52	13°♊29'54	
retrograde	-1242 May 31 j 01:21	15°♊32'44	
evening set	-1242 Jun 05 j 11:36	14°♊24'29	
min. Earth dist.	-1242 Jun 10 j 12:31	11°♊37'55	0.57764 AU
inferior conj	-1242 Jun 13 j 15:35	9°♊29'34	-4°-27'-59
minimum elong	-1242 Jun 13 j 12:33	9°♊34'49	4°27'42
morning rise	-1242 Jun 21 j 17:24	5°♊15'22	
direct	-1242 Jun 24 j 06:04	4°♊56'11	
morning max el	-1242 Jul 02 j 21:48	8°♊59'17	18°59'43
asc. node	-1242 Jul 10 j 04:54	18°♊22'19	
	-1242 Jul 16 j 17:32	0°♋	
morning set	-1242 Jul 19 j 13:50	5°♋32'23	
superior conj	-1242 Jul 28 j 01:28	22°♋10'24	1°47'45
minimum elong	-1242 Jul 28 j 01:55	22°♋12'32	1°47'46
	-1242 Aug 01 j 05:12	0°♌	
max. Earth dist.	-1242 Aug 03 j 18:46	4°♌40'42	1.38709 AU
evening rise	-1242 Aug 07 j 16:46	11°♌35'11	
	-1242 Aug 18 j 23:25	0°♍	
desc. node	-1242 Aug 19 j 17:14	1°♍08'25	
	-1242 Sep 10 j 06:19	0°♎	
evening max el	-1242 Sep 12 j 05:55	2°♎03'01	24°33'04
retrograde	-1242 Sep 23 j 14:45	8°♎41'46	
evening set	-1242 Sep 29 j 02:17	6°♎23'40	
min. Earth dist.	-1242 Oct 03 j 18:41	1°♎01'43	0.67326 AU
inferior conj	-1242 Oct 04 j 12:47	0°♎01'13	0°-33'-50
minimum elong	-1242 Oct 04 j 13:37	29°♍58'27	0°33'29
	-1242 Oct 04 j 13:09	30°℞♍	
asc. node	-1242 Oct 06 j 04:04	27°♍52'32	
morning rise	-1242 Oct 10 j 01:18	23°♍55'01	
direct	-1242 Oct 13 j 17:16	22°♍37'51	
morning max el	-1242 Oct 21 j 11:56	27°♍07'29	20°13'54
	-1242 Oct 24 j 02:24	0°♎	
greatest brilliancy	-1242 Oct 28 j 07:43	5°♎23'44	-0.6m
	-1242 Nov 14 j 00:33	0°♏	
desc. node	-1242 Nov 15 j 16:32	2°♏33'33	
morning set	-1242 Nov 17 j 16:13	5°♏37'29	
max. Earth dist.	-1242 Nov 28 j 09:22	22°♏28'45	1.43658 AU
	-1242 Dec 03 j 00:52	0°♐	
superior conj	-1242 Dec 04 j 01:20	1°♐40'16	-1°-41'-50
minimum elong	-1242 Dec 03 j 18:44	1°♐13'12	1°41'21
evening rise	-1242 Dec 16 j 22:07	23°♐27'07	
	-1242 Dec 20 j 16:46	0°♑	
asc. node	-1241 Jan 02 j 03:20	19°♑19'11	
evening max el	-1241 Jan 03 j 14:14	20°♑54'27	18°11'19
retrograde	-1241 Jan 10 j 02:36	24°♑22'21	
evening set	-1241 Jan 12 j 21:17	23°♑43'03	
inferior conj	-1241 Jan 19 j 04:27	18°♑25'58	3°52'05
minimum elong	-1241 Jan 19 j 03:21	18°♑28'54	3°52'01
min. Earth dist.	-1241 Jan 21 j 20:07	15°♑37'14	0.62850 AU
morning rise	-1241 Jan 25 j 07:30	12°♑27'49	
direct	-1241 Feb 01 j 07:49	9°♑47'07	
desc. node	-1241 Feb 11 j 15:42	14°♑23'30	
morning max el	-1241 Feb 15 j 05:29	17°♑37'12	27°44'48
	-1241 Feb 25 j 14:35	0°♒	
	-1241 Mar 16 j 01:39	0°♓	
morning set	-1241 Mar 21 j 04:32	9°♓57'43	
max. Earth dist.	-1241 Mar 26 j 17:39	21°♓29'15	1.32919 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1241 Mar 28 j 18:57	25°♓53'51	0°-24'-16
minimum elong	-1241 Mar 28 j 20:05	26°♓00'00	0°24'03
	-1241 Mar 30 j 16:26	0°♈	
asc. node	-1241 Mar 31 j 02:40	0°♈55'26	
evening rise	-1241 Apr 04 j 20:52	11°♈08'42	
	-1241 Apr 14 j 14:10	0°♉	
evening max el	-1241 Apr 28 j 15:37	19°♉05'01	23°41'50
desc. node	-1241 May 10 j 14:53	25°♉49'40	
retrograde	-1241 May 12 j 08:20	25°♉56'28	
evening set	-1241 May 16 j 08:30	25°♉21'01	
min. Earth dist.	-1241 May 23 j 02:24	22°♉11'18	0.56115 AU
inferior conj	-1241 May 25 j 07:30	20°♉51'08	-3°-40'-14
minimum elong	-1241 May 25 j 00:58	21°♉01'04	3°38'48
morning rise	-1241 Jun 02 j 21:07	16°♉53'10	
direct	-1241 Jun 05 j 11:53	16°♉35'54	
morning max el	-1241 Jun 15 j 15:44	21°♉17'54	20°02'04
	-1241 Jun 22 j 17:39	0°♊	
asc. node	-1241 Jun 27 j 01:56	7°♊12'52	
morning set	-1241 Jul 03 j 17:17	20°♊02'10	
	-1241 Jul 08 j 14:32	0°♋	
superior conj	-1241 Jul 11 j 13:53	6°♋00'39	1°45'20
minimum elong	-1241 Jul 11 j 12:38	5°♋54'22	1°45'17
max. Earth dist.	-1241 Jul 16 j 22:58	16°♋31'38	1.36803 AU
evening rise	-1241 Jul 20 j 21:54	23°♋53'12	
	-1241 Jul 24 j 08:15	0°♌	
desc. node	-1241 Aug 06 j 14:15	21°♌22'57	
	-1241 Aug 12 j 15:13	0°♍	
evening max el	-1241 Aug 25 j 17:05	15°♍38'05	25°45'30
retrograde	-1241 Sep 07 j 00:18	22°♍41'10	
evening set	-1241 Sep 13 j 02:33	20°♍07'19	
min. Earth dist.	-1241 Sep 17 j 10:38	15°♍21'46	0.66752 AU
inferior conj	-1241 Sep 18 j 15:51	13°♍48'39	-1°-28'-57
minimum elong	-1241 Sep 18 j 18:03	13°♍41'38	1°28'03
asc. node	-1241 Sep 23 j 01:07	8°♍52'56	
morning rise	-1241 Sep 24 j 10:17	7°♍51'21	
direct	-1241 Sep 27 j 15:36	6°♍51'27	
morning max el	-1241 Oct 04 j 17:34	10°♍51'53	19°14'09
	-1241 Oct 18 j 16:38	0°♎	
morning set	-1241 Oct 27 j 20:28	14°♎13'45	
desc. node	-1241 Nov 02 j 13:36	23°♎09'46	
	-1241 Nov 06 j 22:18	0°♏	
max. Earth dist.	-1241 Nov 11 j 00:12	6°♏25'15	1.44670 AU
superior conj	-1241 Nov 13 j 14:31	10°♏31'45	-1°-7'-44
minimum elong	-1241 Nov 13 j 06:55	10°♏01'36	1°06'53
	-1241 Nov 25 j 16:28	0°♐	
evening rise	-1241 Nov 28 j 09:44	4°♐28'11	
	-1241 Dec 14 j 12:48	0°♑	
evening max el	-1241 Dec 18 j 02:24	4°♑15'49	18°32'05
asc. node	-1241 Dec 20 j 00:22	6°♑00'01	
retrograde	-1241 Dec 24 j 17:02	7°♑55'25	
evening set	-1241 Dec 27 j 16:30	7°♑06'08	
inferior conj	-1240 Jan 02 j 15:17	1°♑30'21	3°34'52
minimum elong	-1240 Jan 02 j 12:53	1°♑37'24	3°34'29
	-1240 Jan 03 j 21:55	30°℞♐	
min. Earth dist.	-1240 Jan 04 j 15:53	29°♐07'45	0.64528 AU
morning rise	-1240 Jan 08 j 07:58	25°♐24'01	
direct	-1240 Jan 15 j 03:56	22°♐32'56	
	-1240 Jan 28 j 07:02	0°♑	
morning max el	-1240 Jan 28 j 14:37	0°♑18'46	27°18'22
desc. node	-1240 Jan 29 j 12:46	1°♑15'07	
	-1240 Feb 19 j 14:10	0°♒	
morning set	-1240 Mar 03 j 21:20	23°♒49'30	
	-1240 Mar 06 j 23:51	0°♓	
max. Earth dist.	-1240 Mar 08 j 17:14	3°♓31'15	1.33764 AU

superior conj	-1240 Mar 11 j 23:56	10°♓22'06	0°-50'-27
minimum elong	-1240 Mar 12 j 02:17	10°♓34'29	0°50'01
asc. node	-1240 Mar 16 j 23:42	20°♓59'08	
evening rise	-1240 Mar 19 j 07:49	25°♓55'21	
	-1240 Mar 21 j 07:07	0°♈	
evening max el	-1240 Apr 09 j 09:18	29°♈45'03	22°07'35
	-1240 Apr 09 j 15:35	0°♉	
retrograde	-1240 Apr 22 j 03:14	5°♉59'03	
evening set	-1240 Apr 24 j 22:19	5°♉41'46	
desc. node	-1240 Apr 26 j 11:55	5°♉17'49	
min. Earth dist.	-1240 May 03 j 15:45	1°♉56'47	0.55169 AU
inferior conj	-1240 May 04 j 07:13	1°♉34'58	-2°-9'-13
minimum elong	-1240 May 04 j 01:33	1°♉42'58	2°07'23
	-1240 May 07 j 04:25	30°℞♈	
morning rise	-1240 May 13 j 06:22	27°♈39'17	
direct	-1240 May 16 j 02:38	27°♈21'06	
	-1240 May 24 j 06:33	0°♉	
morning max el	-1240 May 27 j 22:39	2°♉54'07	21°23'43
asc. node	-1240 Jun 12 j 22:59	26°♉32'44	
	-1240 Jun 14 j 17:00	0°♊	
morning set	-1240 Jun 17 j 01:30	4°♊47'50	
superior conj	-1240 Jun 24 j 12:04	20°♊21'09	1°35'59
minimum elong	-1240 Jun 24 j 09:50	20°♊09'34	1°35'48
max. Earth dist.	-1240 Jun 28 j 10:22	28°♊22'44	1.35185 AU
	-1240 Jun 29 j 05:51	0°♋	
evening rise	-1240 Jul 02 j 21:28	7°♋06'15	
	-1240 Jul 16 j 00:14	0°♌	
desc. node	-1240 Jul 23 j 11:17	11°♌14'53	
evening max el	-1240 Aug 07 j 04:46	29°♌11'08	26°43'01
	-1240 Aug 08 j 01:26	0°♍	
retrograde	-1240 Aug 20 j 04:46	6°♍27'21	
evening set	-1240 Aug 26 j 20:20	3°♍43'36	
	-1240 Aug 30 j 12:28	30°℞♌	
min. Earth dist.	-1240 Aug 30 j 20:46	29°♌35'50	0.65826 AU
inferior conj	-1240 Sep 01 j 14:08	27°♌32'44	-2°-22'-57
minimum elong	-1240 Sep 01 j 17:35	27°♌22'26	2°21'42
morning rise	-1240 Sep 07 j 16:02	21°♌47'26	
asc. node	-1240 Sep 08 j 22:10	21°♌15'51	
direct	-1240 Sep 10 j 13:06	21°♌01'05	
morning max el	-1240 Sep 17 j 04:55	24°♌41'21	18°30'12
	-1240 Sep 21 j 14:26	0°♍	
morning set	-1240 Oct 07 j 01:41	24°♍06'25	
	-1240 Oct 10 j 17:32	0°♎	
desc. node	-1240 Oct 19 j 10:40	13°♎52'38	
superior conj	-1240 Oct 22 j 14:47	18°♎52'49	0°-20'-30
minimum elong	-1240 Oct 22 j 12:04	18°♎42'07	0°20'10
max. Earth dist.	-1240 Oct 23 j 18:17	20°♎41'05	1.44971 AU
	-1240 Oct 29 j 16:33	0°♏	
evening rise	-1240 Nov 07 j 21:21	14°♏29'28	
	-1240 Nov 17 j 17:31	0°♐	
greatest brilliancy	-1240 Nov 19 j 12:01	2°♐44'26	-0.7m
evening max el	-1240 Nov 30 j 12:10	17°♐42'16	19°10'15
asc. node	-1240 Dec 05 j 21:24	21°♐28'16	
retrograde	-1240 Dec 07 j 12:20	21°♐42'56	
evening set	-1240 Dec 10 j 18:09	20°♐41'50	
inferior conj	-1240 Dec 16 j 10:51	14°♐49'55	3°05'11
minimum elong	-1240 Dec 16 j 07:58	14°♐59'05	3°04'26
min. Earth dist.	-1240 Dec 17 j 20:44	13°♐02'37	0.65838 AU
morning rise	-1240 Dec 21 j 20:53	8°♐38'15	
direct	-1240 Dec 28 j 06:21	5°♐50'59	
morning max el	-1239 Jan 10 j 00:07	13°♐20'36	26°22'52
desc. node	-1239 Jan 15 j 09:51	19°♐20'20	
	-1239 Jan 23 j 12:53	0°♑	
	-1239 Feb 11 j 06:22	0°♒	
morning set	-1239 Feb 15 j 01:54	7°♒00'01	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

max. Earth dist.	-1239 Feb 19 j 05:26	14°♒58'11	1.35066 AU
superior conj	-1239 Feb 23 j 22:35	24°♒26'39	-1°-15'-17
minimum elong	-1239 Feb 24 j 01:53	24°♒43'33	1°14'47
	-1239 Feb 26 j 15:09	0°♓	
evening rise	-1239 Mar 03 j 16:07	10°♓28'24	
asc. node	-1239 Mar 03 j 20:46	10°♓52'15	
	-1239 Mar 14 j 02:11	0°♈	
evening max el	-1239 Mar 22 j 11:43	10°♈49'51	20°42'39
retrograde	-1239 Apr 02 j 16:11	16°♈12'06	
evening set	-1239 Apr 04 j 21:51	16°♈00'06	
desc. node	-1239 Apr 13 j 08:57	12°♈27'09	
inferior conj	-1239 Apr 14 j 01:56	12°♈02'50	0°-12'-3
minimum elong	-1239 Apr 14 j 01:22	12°♈03'39	0°11'50
transit middle	-1239 Apr 14 j 01:22	12°♈03'39	0°11'50
transit begin	-1239 Apr 13 j 22:39	12°♈07'32	
transit end	-1239 Apr 14 j 04:04	11°♈59'45	
min. Earth dist.	-1239 Apr 15 j 05:26	11°♈23'23	0.55150 AU
morning rise	-1239 Apr 23 j 03:25	7°♈51'28	
direct	-1239 Apr 26 j 14:12	7°♈25'40	
morning max el	-1239 May 09 j 19:31	13°♈50'19	22°59'43
	-1239 May 22 j 03:34	0°♉	
asc. node	-1239 May 30 j 20:05	16°♉14'22	
morning set	-1239 Jun 01 j 12:32	19°♉43'41	
	-1239 Jun 06 j 08:23	0°♊	
superior conj	-1239 Jun 08 j 16:54	5°♊02'22	1°21'19
minimum elong	-1239 Jun 08 j 14:21	4°♊48'45	1°21'00
max. Earth dist.	-1239 Jun 11 j 07:43	10°♊34'20	1.33936 AU
evening rise	-1239 Jun 16 j 10:36	21°♊00'37	
	-1239 Jun 21 j 03:19	0°♋	
	-1239 Jul 09 j 21:55	0°♌	
desc. node	-1239 Jul 10 j 08:17	0°♌34'36	
evening max el	-1239 Jul 20 j 16:28	12°♌32'33	27°17'53
retrograde	-1239 Aug 03 j 03:33	19°♌52'43	
evening set	-1239 Aug 10 j 04:53	17°♌08'13	
min. Earth dist.	-1239 Aug 13 j 22:43	13°♌37'20	0.64537 AU
inferior conj	-1239 Aug 16 j 05:19	11°♌08'49	-3°-13'-25
minimum elong	-1239 Aug 16 j 09:38	10°♌57'03	3°12'09
morning rise	-1239 Aug 22 j 16:04	5°♌39'01	
direct	-1239 Aug 25 j 07:25	5°♌02'43	
asc. node	-1239 Aug 26 j 19:16	5°♌14'25	
morning max el	-1239 Aug 31 j 19:38	8°♌31'05	18°03'11
	-1239 Sep 15 j 07:01	0°♍	
morning set	-1239 Sep 18 j 10:56	5°♍20'38	
superior conj	-1239 Oct 02 j 00:03	27°♍44'15	0°27'59
minimum elong	-1239 Oct 02 j 03:15	27°♍57'10	0°27'32
	-1239 Oct 03 j 09:50	0°♎	
desc. node	-1239 Oct 06 j 07:41	4°♎38'27	
max. Earth dist.	-1239 Oct 06 j 12:41	4°♎58'15	1.44536 AU
evening rise	-1239 Oct 18 j 11:47	23°♎39'47	
	-1239 Oct 22 j 14:36	0°♏	
greatest brilliancy	-1239 Nov 06 j 17:53	22°♏30'55	-0.6m
	-1239 Nov 12 j 15:24	0°♐	
evening max el	-1239 Nov 13 j 17:28	1°♐09'59	20°04'06
retrograde	-1239 Nov 21 j 09:40	5°♐39'53	
asc. node	-1239 Nov 22 j 18:28	5°♐29'11	
evening set	-1239 Nov 24 j 23:48	4°♐24'50	
	-1239 Nov 29 j 05:54	30°℞♏	
inferior conj	-1239 Nov 30 j 12:20	28°♏19'43	2°26'27
minimum elong	-1239 Nov 30 j 09:35	28°♏28'54	2°25'31
min. Earth dist.	-1239 Dec 01 j 08:56	27°♏10'57	0.66768 AU
morning rise	-1239 Dec 05 j 18:48	22°♏04'51	
direct	-1239 Dec 11 j 14:10	19°♏31'58	
morning max el	-1239 Dec 23 j 08:46	26°♏31'58	25°07'09
	-1239 Dec 26 j 14:11	0°♐	

desc. node	-1238 Jan 02 j 06:56	8°♐16'57	
	-1238 Jan 17 j 03:31	0°♑	
morning set	-1238 Jan 28 j 13:04	19°♑13'44	
max. Earth dist.	-1238 Feb 01 j 06:43	26°♑02'57	1.36805 AU
	-1238 Feb 03 j 09:08	0°♒	
superior conj	-1238 Feb 07 j 11:53	7°♒58'09	-1°-36'-59
minimum elong	-1238 Feb 07 j 15:31	8°♒16'02	1°36'36
evening rise	-1238 Feb 15 j 19:34	24°♒40'36	
	-1238 Feb 18 j 11:51	0°♓	
asc. node	-1238 Feb 18 j 17:48	0°♓29'05	
evening max el	-1238 Mar 05 j 01:01	22°♓30'21	19°34'14
retrograde	-1238 Mar 14 j 12:30	27°♓02'28	
evening set	-1238 Mar 16 j 17:15	26°♓48'55	
inferior conj	-1238 Mar 25 j 05:53	22°♓44'02	1°38'18
minimum elong	-1238 Mar 25 j 09:40	22°♓37'59	1°37'06
min. Earth dist.	-1238 Mar 27 j 19:45	21°♓05'37	0.56056 AU
desc. node	-1238 Mar 31 j 06:01	19°♓09'35	
morning rise	-1238 Apr 02 j 22:34	18°♓02'59	
direct	-1238 Apr 07 j 09:47	17°♓18'08	
morning max el	-1238 Apr 21 j 10:45	24°♓22'56	24°40'00
	-1238 Apr 26 j 13:58	0°♈	
	-1238 May 14 j 17:50	0°♉	
morning set	-1238 May 17 j 00:36	4°♉43'33	
asc. node	-1238 May 17 j 17:09	6°♉10'53	
superior conj	-1238 May 24 j 01:55	19°♉56'04	1°02'34
minimum elong	-1238 May 23 j 23:35	19°♉43'24	1°02'12
max. Earth dist.	-1238 May 25 j 13:38	23°♉09'15	1.33060 AU
	-1238 May 28 j 18:44	0°♊	
evening rise	-1238 May 31 j 09:19	5°♊23'50	
	-1238 Jun 13 j 18:32	0°♋	
desc. node	-1238 Jun 27 j 05:16	19°♋08'45	
evening max el	-1238 Jul 03 j 02:02	25°♋29'08	27°23'52
	-1238 Jul 08 j 16:15	0°♌	
retrograde	-1238 Jul 16 j 20:07	2°♌48'54	
evening set	-1238 Jul 24 j 00:47	0°♌15'49	
	-1238 Jul 24 j 09:36	30°℞♋	
min. Earth dist.	-1238 Jul 27 j 14:46	27°♋16'12	0.62886 AU
inferior conj	-1238 Jul 30 j 10:36	24°♋30'59	-3°-56'-49
minimum elong	-1238 Jul 30 j 14:56	24°♋20'25	3°55'54
morning rise	-1238 Aug 06 j 07:22	19°♋20'08	
direct	-1238 Aug 08 j 19:24	18°♋51'02	
asc. node	-1238 Aug 13 j 16:21	20°♋42'55	
morning max el	-1238 Aug 15 j 11:03	22°♋15'52	17°54'04
	-1238 Aug 21 j 10:33	0°♌	
morning set	-1238 Aug 31 j 19:32	17°♌41'58	
	-1238 Sep 07 j 19:46	0°♍	
superior conj	-1238 Sep 12 j 10:12	7°♍50'39	1°06'55
minimum elong	-1238 Sep 12 j 15:27	8°♍12'45	1°06'19
max. Earth dist.	-1238 Sep 19 j 04:05	18°♍57'56	1.43428 AU
desc. node	-1238 Sep 23 j 04:41	25°♍24'27	
	-1238 Sep 26 j 02:44	0°♎	
evening rise	-1238 Sep 27 j 17:49	2°♎32'12	
	-1238 Oct 16 j 03:57	0°♏	
greatest brilliancy	-1238 Oct 22 j 10:00	8°♏27'33	-0.4m
evening max el	-1238 Oct 27 j 17:00	14°♏37'37	21°11'02
retrograde	-1238 Nov 05 j 06:56	19°♏43'17	
evening set	-1238 Nov 09 j 07:24	18°♏12'08	
asc. node	-1238 Nov 09 j 15:31	17°♏56'01	
inferior conj	-1238 Nov 14 j 17:28	11°♏57'12	1°41'07
minimum elong	-1238 Nov 14 j 15:20	12°♏04'32	1°40'16
min. Earth dist.	-1238 Nov 15 j 02:20	11°♏26'43	0.67337 AU
morning rise	-1238 Nov 19 j 22:55	5°♏41'19	
direct	-1238 Nov 25 j 02:51	3°♏28'44	
morning max el	-1238 Dec 05 j 17:36	9°♏48'16	23°41'10

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-1238 Dec 20 j 03:59	27°♏50'14	
	-1238 Dec 21 j 16:30	0°♐	
	-1237 Jan 09 j 21:12	0°♑	
morning set	-1237 Jan 10 j 00:42	0°♑14'54	
max. Earth dist.	-1237 Jan 14 j 02:20	7°♑17'11	1.38844 AU
superior conj	-1237 Jan 21 j 12:03	20°♑46'43	-1°-52'-59
minimum elong	-1237 Jan 21 j 14:50	20°♑59'50	1°52'52
	-1237 Jan 26 j 07:48	0°♒	
evening rise	-1237 Jan 30 j 15:38	8°♒25'27	
asc. node	-1237 Feb 05 j 14:49	19°♒43'59	
	-1237 Feb 11 j 23:00	0°♓	
evening max el	-1237 Feb 16 j 00:18	4°♓46'41	18°45'23
retrograde	-1237 Feb 24 j 01:52	8°♓41'14	
evening set	-1237 Feb 26 j 10:15	8°♓22'35	
inferior conj	-1237 Mar 06 j 04:46	4°♓00'17	2°57'23
minimum elong	-1237 Mar 06 j 09:08	3°♓52'08	2°56'23
min. Earth dist.	-1237 Mar 09 j 12:23	1°♓33'24	0.57680 AU
	-1237 Mar 11 j 21:10	30°℞♒	
morning rise	-1237 Mar 14 j 04:00	28°♒47'41	
desc. node	-1237 Mar 18 j 03:04	27°♒37'09	
direct	-1237 Mar 19 j 18:45	27°♒30'23	
	-1237 Mar 27 j 18:45	0°♓	
morning max el	-1237 Apr 03 j 02:34	5°♓00'23	26°09'40
	-1237 Apr 21 j 07:12	0°♈	
morning set	-1237 May 01 j 12:02	19°♈41'27	
asc. node	-1237 May 04 j 14:10	26°♈16'58	
	-1237 May 06 j 07:10	0°♉	
superior conj	-1237 May 08 j 13:09	4°♉55'28	0°40'42
minimum elong	-1237 May 08 j 11:27	4°♉46'12	0°40'23
max. Earth dist.	-1237 May 09 j 00:51	5°♉59'31	1.32553 AU
evening rise	-1237 May 15 j 14:34	20°♉05'55	
	-1237 May 20 j 13:03	0°♊	
	-1237 Jun 08 j 06:41	0°♋	
desc. node	-1237 Jun 14 j 02:17	6°♋37'44	
evening max el	-1237 Jun 15 j 06:48	7°♋47'45	26°57'11
retrograde	-1237 Jun 29 j 05:46	15°♋05'51	
evening set	-1237 Jul 06 j 03:44	12°♋58'19	
min. Earth dist.	-1237 Jul 09 j 20:33	10°♋17'28	0.60941 AU
inferior conj	-1237 Jul 13 j 02:37	7°♋30'18	-4°-27'-32
minimum elong	-1237 Jul 13 j 05:28	7°♋24'10	4°27'13
morning rise	-1237 Jul 20 j 10:14	2°♋41'14	
direct	-1237 Jul 22 j 21:09	2°♋17'11	
morning max el	-1237 Jul 30 j 00:11	5°♋47'54	18°03'47
asc. node	-1237 Jul 31 j 13:25	7°♋26'21	
	-1237 Aug 14 j 10:03	0°♌	
morning set	-1237 Aug 14 j 21:35	0°♌53'28	
superior conj	-1237 Aug 24 j 23:33	19°♌17'44	1°32'24
minimum elong	-1237 Aug 25 j 03:34	19°♌35'32	1°32'05
	-1237 Aug 31 j 04:05	0°♍	
max. Earth dist.	-1237 Sep 01 j 13:42	2°♍21'11	1.41793 AU
evening rise	-1237 Sep 07 j 09:57	11°♍54'17	
desc. node	-1237 Sep 10 j 01:40	16°♍07'00	
	-1237 Sep 19 j 03:54	0°♎	
greatest brilliancy	-1237 Oct 05 j 16:17	22°♎44'00	-0.3m
evening max el	-1237 Oct 10 j 10:39	28°♎05'12	22°27'22
	-1237 Oct 12 j 10:59	0°♏	
retrograde	-1237 Oct 20 j 02:20	3°♏49'40	
evening set	-1237 Oct 24 j 15:09	2°♏00'45	
	-1237 Oct 26 j 16:15	30°℞♎	
asc. node	-1237 Oct 27 j 12:35	28°♎59'14	
inferior conj	-1237 Oct 30 j 00:15	25°♎39'47	0°50'59
minimum elong	-1237 Oct 29 j 23:05	25°♎43'48	0°50'29
min. Earth dist.	-1237 Oct 29 j 22:30	25°♎45'50	0.67578 AU
morning rise	-1237 Nov 04 j 06:54	19°♎25'17	
direct	-1237 Nov 08 j 19:43	17°♎35'02	
morning max el	-1237 Nov 18 j 05:20	23°♎09'06	22°14'23
greatest brilliancy	-1237 Nov 22 j 21:43	28°♎25'30	-0.3m
	-1237 Nov 24 j 04:11	0°♏	
desc. node	-1237 Dec 07 j 01:01	17°♏49'16	
	-1237 Dec 15 j 02:11	0°♐	
morning set	-1237 Dec 21 j 07:40	9°♐51'48	
max. Earth dist.	-1237 Dec 26 j 23:32	19°♐11'44	1.40934 AU
	-1236 Jan 02 j 06:05	0°♑	
superior conj	-1236 Jan 03 j 18:06	2°♑39'42	-1°-59'-51
minimum elong	-1236 Jan 03 j 18:17	2°♑40'30	1°59'54
evening rise	-1236 Jan 14 j 01:07	21°♑35'01	
	-1236 Jan 18 j 14:10	0°♒	
asc. node	-1236 Jan 23 j 11:51	8°♒29'40	
evening max el	-1236 Jan 30 j 07:01	17°♒32'05	18°16'44
retrograde	-1236 Feb 06 j 09:42	21°♒04'51	
evening set	-1236 Feb 08 j 22:14	20°♒39'04	
inferior conj	-1236 Feb 16 j 00:32	15°♒55'43	3°40'38
minimum elong	-1236 Feb 16 j 02:58	15°♒50'27	3°40'20
min. Earth dist.	-1236 Feb 19 j 09:44	13°♒01'18	0.59689 AU
morning rise	-1236 Feb 23 j 04:19	10°♒19'35	
direct	-1236 Feb 29 j 16:39	8°♒23'43	
desc. node	-1236 Mar 04 j 00:08	8°♒52'22	
morning max el	-1236 Mar 14 j 23:24	16°♒07'07	27°14'07
	-1236 Mar 26 j 08:12	0°♓	
	-1236 Apr 12 j 16:07	0°♈	
morning set	-1236 Apr 14 j 21:09	4°♈31'30	
asc. node	-1236 Apr 20 j 11:11	16°♈28'23	
max. Earth dist.	-1236 Apr 21 j 13:49	18°♈54'06	1.32405 AU
superior conj	-1236 Apr 22 j 00:53	19°♈54'49	0°16'33
minimum elong	-1236 Apr 22 j 00:09	19°♈50'46	0°16'23
	-1236 Apr 26 j 15:49	0°♉	
evening rise	-1236 Apr 28 j 23:56	4°♉59'05	
	-1236 May 12 j 08:03	0°♊	
evening max el	-1236 May 27 j 05:13	19°♊22'53	25°58'43
desc. node	-1236 May 30 j 23:18	22°♊34'45	
retrograde	-1236 Jun 10 j 06:55	26°♊37'04	
evening set	-1236 Jun 16 j 09:28	25°♊06'28	
min. Earth dist.	-1236 Jun 20 j 17:52	22°♊26'42	0.58884 AU
inferior conj	-1236 Jun 24 j 01:47	19°♊58'03	-4°-36'-53
minimum elong	-1236 Jun 24 j 01:17	19°♊59'01	4°36'51
morning rise	-1236 Jul 01 j 20:49	15°♊31'30	
direct	-1236 Jul 04 j 08:20	15°♊10'56	
morning max el	-1236 Jul 12 j 08:02	18°♊58'52	18°33'21
asc. node	-1236 Jul 17 j 10:27	25°♊09'37	
	-1236 Jul 20 j 12:23	0°♋	
morning set	-1236 Jul 28 j 12:17	14°♋42'45	
	-1236 Aug 05 j 11:29	0°♌	
superior conj	-1236 Aug 06 j 11:32	1°♌52'40	1°45'13
minimum elong	-1236 Aug 06 j 13:15	2°♌00'39	1°45'10
max. Earth dist.	-1236 Aug 13 j 17:55	15°♌00'27	1.39859 AU
evening rise	-1236 Aug 18 j 01:04	22°♌21'53	
	-1236 Aug 22 j 16:39	0°♍	
desc. node	-1236 Aug 26 j 22:40	6°♍42'32	
	-1236 Sep 12 j 03:36	0°♎	
evening max el	-1236 Sep 22 j 00:05	11°♎35'34	23°47'44
retrograde	-1236 Oct 02 j 18:33	17°♎56'26	
evening set	-1236 Oct 07 j 21:23	15°♎49'01	
inferior conj	-1236 Oct 13 j 06:58	9°♎25'58	0°-2'-17
minimum elong	-1236 Oct 13 j 07:01	9°♎25'47	0°02'16
transit middle	-1236 Oct 13 j 07:01	9°♎25'47	0°02'16
transit begin	-1236 Oct 13 j 04:20	9°♎34'57	
transit end	-1236 Oct 13 j 09:42	9°♎16'38	
min. Earth dist.	-1236 Oct 12 j 18:58	10°♎06'51	0.67508 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

asc. node	-1236 Oct 13 j 09:38	9°♎16'52	
morning rise	-1236 Oct 18 j 16:48	3°♎15'41	
direct	-1236 Oct 22 j 15:53	1°♎47'00	
morning max el	-1236 Oct 30 j 23:08	6°♎38'03	20°54'30
greatest brilliancy	-1236 Nov 05 j 16:55	13°♎21'37	-0.5m
	-1236 Nov 17 j 12:19	0°♏	
desc. node	-1236 Nov 22 j 22:02	8°♏06'52	
morning set	-1236 Nov 29 j 12:40	18°♏17'32	
	-1236 Dec 06 j 21:45	0°♐	
max. Earth dist.	-1236 Dec 08 j 03:42	2°♐01'22	1.42797 AU
superior conj	-1236 Dec 15 j 00:34	13°♐24'11	-1°-53'-18
minimum elong	-1236 Dec 14 j 20:26	13°♐06'42	1°53'08
	-1236 Dec 24 j 14:05	0°♑	
evening rise	-1236 Dec 26 j 20:12	4°♑00'54	
asc. node	-1235 Jan 09 j 08:53	26°♑36'30	
	-1235 Jan 12 j 03:39	0°♒	
evening max el	-1235 Jan 12 j 18:08	0°♒37'23	18°07'50
retrograde	-1235 Jan 19 j 08:48	4°♒03'03	
evening set	-1235 Jan 22 j 01:16	3°♒28'52	
	-1235 Jan 26 j 22:50	30°℞♑	
inferior conj	-1235 Jan 28 j 14:31	28°♑23'55	3°54'22
minimum elong	-1235 Jan 28 j 14:33	28°♑23'51	3°54'21
min. Earth dist.	-1235 Jan 31 j 14:16	25°♑26'54	0.61751 AU
morning rise	-1235 Feb 04 j 01:27	22°♑32'26	
direct	-1235 Feb 11 j 00:41	20°♑04'14	
desc. node	-1235 Feb 18 j 21:11	22°♑45'48	
morning max el	-1235 Feb 25 j 02:16	27°♑53'11	27°44'10
	-1235 Feb 27 j 03:21	0°♒	
	-1235 Mar 20 j 00:45	0°♓	
morning set	-1235 Mar 30 j 01:56	19°♓05'35	
	-1235 Apr 04 j 06:26	0°♈	
max. Earth dist.	-1235 Apr 05 j 00:42	1°♈38'34	1.32623 AU
superior conj	-1235 Apr 06 j 11:25	4°♈46'56	0°-9'-8
minimum elong	-1235 Apr 06 j 11:50	4°♈49'15	0°09'04
behind sun begin	-1235 Apr 06 j 07:37	4°♈26'18	
behind sun end	-1235 Apr 06 j 16:03	5°♈12'13	
asc. node	-1235 Apr 07 j 08:12	6°♈40'08	
evening rise	-1235 Apr 13 j 11:22	19°♈55'01	
	-1235 Apr 18 j 10:10	0°♉	
	-1235 May 08 j 14:06	0°♊	
evening max el	-1235 May 08 j 21:53	0°♊18'49	24°35'42
desc. node	-1235 May 17 j 20:20	6°♊24'08	
retrograde	-1235 May 22 j 20:45	7°♊21'50	
evening set	-1235 May 27 j 16:36	6°♊29'18	
min. Earth dist.	-1235 Jun 02 j 09:34	3°♊34'11	0.56998 AU
inferior conj	-1235 Jun 05 j 05:13	1°♊44'52	-4°-13'-9
minimum elong	-1235 Jun 05 j 00:23	1°♊52'45	4°12'26
	-1235 Jun 08 j 00:16	30°℞♉	
morning rise	-1235 Jun 13 j 12:02	27°♉38'16	
direct	-1235 Jun 16 j 01:25	27°♉20'04	
	-1235 Jun 23 j 08:28	0°♊	
morning max el	-1235 Jun 25 j 07:38	1°♊38'24	19°23'42
asc. node	-1235 Jul 04 j 07:29	13°♊38'40	
morning set	-1235 Jul 12 j 11:54	28°♊59'47	
	-1235 Jul 12 j 23:58	0°♋	
superior conj	-1235 Jul 20 j 16:25	15°♋18'57	1°47'41
minimum elong	-1235 Jul 20 j 16:03	15°♋17'11	1°47'42
max. Earth dist.	-1235 Jul 26 j 20:40	27°♋03'45	1.37876 AU
	-1235 Jul 28 j 11:15	0°♌	
evening rise	-1235 Jul 30 j 17:17	4°♌01'41	
desc. node	-1235 Aug 13 j 19:41	27°♌06'21	
	-1235 Aug 15 j 18:05	0°♍	
evening max el	-1235 Sep 04 j 11:39	25°♍10'02	25°05'20
	-1235 Sep 10 j 09:00	0°♎	
retrograde	-1235 Sep 16 j 06:35	1°♎59'57	
	-1235 Sep 21 j 12:10	30°℞♍	
evening set	-1235 Sep 22 j 00:23	29°♍34'58	
min. Earth dist.	-1235 Sep 26 j 13:16	24°♍28'05	0.67121 AU
inferior conj	-1235 Sep 27 j 11:54	23°♍13'50	0°-57'-12
minimum elong	-1235 Sep 27 j 13:18	23°♍09'12	0°56'36
asc. node	-1235 Sep 30 j 06:42	19°♍45'57	
morning rise	-1235 Oct 03 j 02:42	17°♍10'52	
direct	-1235 Oct 06 j 13:57	16°♍01'16	
morning max el	-1235 Oct 14 j 00:33	20°♍17'10	19°46'39
	-1235 Oct 21 j 19:23	0°♎	
greatest brilliancy	-1235 Oct 21 j 23:18	0°♎13'44	-0.6m
morning set	-1235 Nov 08 j 10:05	26°♎30'03	
desc. node	-1235 Nov 09 j 19:03	28°♎37'48	
	-1235 Nov 10 j 16:14	0°♏	
max. Earth dist.	-1235 Nov 20 j 15:47	15°♏40'34	1.44174 AU
superior conj	-1235 Nov 25 j 04:02	22°♏54'11	-1°-29'-30
minimum elong	-1235 Nov 24 j 20:18	22°♏23'00	1°28'47
	-1235 Nov 29 j 12:38	0°♐	
evening rise	-1235 Dec 08 j 20:34	15°♐35'42	
	-1235 Dec 17 j 09:39	0°♑	
asc. node	-1235 Dec 27 j 05:57	13°♑53'12	
evening max el	-1235 Dec 27 j 06:45	13°♑55'15	18°17'56
retrograde	-1234 Jan 02 j 18:56	17°♑26'30	
evening set	-1234 Jan 05 j 15:37	16°♑42'58	
inferior conj	-1234 Jan 11 j 18:53	11°♑17'35	3°46'35
minimum elong	-1234 Jan 11 j 17:08	11°♑22'28	3°46'23
min. Earth dist.	-1234 Jan 14 j 04:10	8°♑38'41	0.63612 AU
morning rise	-1234 Jan 17 j 17:05	5°♑15'52	
direct	-1234 Jan 24 j 16:36	2°♑29'01	
desc. node	-1234 Feb 05 j 18:15	8°♑42'55	
morning max el	-1234 Feb 07 j 09:52	10°♑17'28	27°37'33
	-1234 Feb 22 j 22:09	0°♒	
	-1234 Mar 12 j 08:13	0°♓	
morning set	-1234 Mar 13 j 23:59	3°♓15'43	
max. Earth dist.	-1234 Mar 19 j 05:41	14°♓00'10	1.33234 AU
superior conj	-1234 Mar 21 j 19:00	19°♓25'55	0°-35'-26
minimum elong	-1234 Mar 21 j 20:40	19°♓34'50	0°35'07
asc. node	-1234 Mar 25 j 05:15	26°♓48'14	
	-1234 Mar 26 j 16:57	0°♈	
evening rise	-1234 Mar 28 j 23:02	4°♈47'18	
	-1234 Apr 11 j 16:31	0°♉	
evening max el	-1234 Apr 20 j 13:10	10°♉55'55	23°01'10
retrograde	-1234 May 03 j 21:45	17°♉33'09	
desc. node	-1234 May 04 j 17:23	17°♉31'39	
evening set	-1234 May 07 j 08:21	17°♉07'15	
min. Earth dist.	-1234 May 14 j 22:44	13°♉44'24	0.55619 AU
inferior conj	-1234 May 16 j 13:17	12°♉48'29	-3°-6'-26
minimum elong	-1234 May 16 j 06:26	12°♉58'27	3°04'35
morning rise	-1234 May 25 j 07:28	8°♉53'37	
direct	-1234 May 28 j 00:12	8°♉36'18	
morning max el	-1234 Jun 07 j 20:47	13°♉38'36	20°34'37
	-1234 Jun 19 j 16:51	0°♊	
asc. node	-1234 Jun 21 j 04:32	2°♊42'40	
morning set	-1234 Jun 26 j 17:37	13°♊37'02	
superior conj	-1234 Jul 04 j 09:22	29°♊22'58	1°42'06
minimum elong	-1234 Jul 04 j 07:37	29°♊14'02	1°42'00
	-1234 Jul 04 j 16:40	0°♋	
max. Earth dist.	-1234 Jul 09 j 03:41	8°♋52'49	1.36076 AU
evening rise	-1234 Jul 13 j 06:50	16°♋44'19	
	-1234 Jul 20 j 18:28	0°♌	
desc. node	-1234 Jul 31 j 16:43	17°♌12'13	
	-1234 Aug 10 j 03:09	0°♍	
evening max el	-1234 Aug 17 j 23:03	8°♍45'10	26°12'20

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

retrograde	-1234 Aug 30 j 13:48	15°♍54'25	
evening set	-1234 Sep 05 j 22:09	13°♍15'27	
min. Earth dist.	-1234 Sep 10 j 02:55	8°♍46'07	0.66401 AU
inferior conj	-1234 Sep 11 j 13:10	6°♍59'57	-1°-52'-7
minimum elong	-1234 Sep 11 j 15:55	6°♍51'23	1°51'03
morning rise	-1234 Sep 17 j 10:36	1°♍07'31	
asc. node	-1234 Sep 17 j 03:45	1°♍17'54	
direct	-1234 Sep 20 j 12:12	0°♍13'43	
morning max el	-1234 Sep 27 j 08:52	4°♍04'05	18°53'32
	-1234 Oct 15 j 10:39	0°♎	
morning set	-1234 Oct 18 j 23:42	5°♎36'01	
desc. node	-1234 Oct 27 j 16:05	19°♎17'14	
	-1234 Nov 03 j 11:34	0°♏	
max. Earth dist.	-1234 Nov 03 j 09:00	29°♎49'56	1.44888 AU
superior conj	-1234 Nov 04 j 09:16	1°♏25'28	0°-48'-42
minimum elong	-1234 Nov 04 j 03:09	1°♏01'21	0°47'57
evening rise	-1234 Nov 19 j 22:08	26°♏11'48	
	-1234 Nov 22 j 06:33	0°♐	
evening max el	-1234 Dec 10 j 18:10	27°♐19'14	18°46'12
	-1234 Dec 13 j 23:28	0°♑	
asc. node	-1234 Dec 14 j 03:01	0°♑05'19	
retrograde	-1234 Dec 17 j 11:56	1°♑06'46	
evening set	-1234 Dec 20 j 13:56	0°♑12'33	
	-1234 Dec 20 j 22:08	30°℞♐	
inferior conj	-1234 Dec 26 j 09:50	24°♐29'16	3°23'35
minimum elong	-1234 Dec 26 j 07:08	24°♐37'28	3°23'01
min. Earth dist.	-1234 Dec 28 j 03:54	22°♐21'17	0.65133 AU
morning rise	-1234 Dec 31 j 23:17	18°♐20'21	
direct	-1233 Jan 07 j 15:13	15°♐29'44	
morning max el	-1233 Jan 20 j 19:35	23°♐09'48	26°57'52
desc. node	-1233 Jan 23 j 15:19	26°♐09'00	
	-1233 Jan 26 j 22:14	0°♑	
	-1233 Feb 16 j 05:03	0°♒	
morning set	-1233 Feb 25 j 12:07	16°♒51'36	
max. Earth dist.	-1233 Mar 02 j 00:59	25°♒48'35	1.34268 AU
	-1233 Mar 04 j 02:14	0°♓	
superior conj	-1233 Mar 05 j 21:36	3°♓44'57	-1°-1'-15
minimum elong	-1233 Mar 06 j 00:24	3°♓59'34	1°00'45
asc. node	-1233 Mar 12 j 02:19	16°♓48'15	
evening rise	-1233 Mar 13 j 09:07	19°♓29'14	
	-1233 Mar 18 j 14:53	0°♈	
evening max el	-1233 Apr 02 j 09:52	21°♈43'33	21°29'38
retrograde	-1233 Apr 14 j 13:06	27°♈36'58	
evening set	-1233 Apr 17 j 00:34	27°♈23'00	
desc. node	-1233 Apr 21 j 14:25	25°♈52'31	
inferior conj	-1233 Apr 26 j 09:07	23°♈22'00	-1°-20'-51
minimum elong	-1233 Apr 26 j 05:20	23°♈27'18	1°19'32
min. Earth dist.	-1233 Apr 26 j 11:52	23°♈18'08	0.55043 AU
morning rise	-1233 May 05 j 10:33	19°♈22'19	
direct	-1233 May 08 j 11:31	19°♈02'08	
morning max el	-1233 May 20 j 23:11	24°♈57'16	22°03'23
	-1233 May 25 j 14:09	0°♉	
asc. node	-1233 Jun 08 j 01:36	22°♉13'04	
morning set	-1233 Jun 11 j 03:17	28°♉28'27	
	-1233 Jun 11 j 20:50	0°♊	
superior conj	-1233 Jun 18 j 10:46	13°♊54'05	1°30'20
minimum elong	-1233 Jun 18 j 08:19	13°♊41'15	1°30'05
max. Earth dist.	-1233 Jun 21 j 19:20	20°♊52'05	1.34601 AU
	-1233 Jun 26 j 09:14	0°♋	
evening rise	-1233 Jun 26 j 12:43	0°♋16'52	
	-1233 Jul 13 j 19:41	0°♌	
desc. node	-1233 Jul 18 j 13:44	6°♌52'26	
evening max el	-1233 Jul 31 j 10:44	22°♌14'29	27°00'59
retrograde	-1233 Aug 13 j 15:56	29°♌33'35	
evening set	-1233 Aug 20 j 12:23	26°♌47'48	
min. Earth dist.	-1233 Aug 24 j 09:41	22°♌56'25	0.65323 AU
inferior conj	-1233 Aug 26 j 08:43	20°♌41'28	-2°-44'-58
minimum elong	-1233 Aug 26 j 12:37	20°♌30'16	2°43'40
morning rise	-1233 Sep 01 j 14:15	15°♌02'41	
direct	-1233 Sep 04 j 08:34	14°♌21'05	
asc. node	-1233 Sep 04 j 00:48	14°♌21'39	
morning max el	-1233 Sep 10 j 22:04	17°♌55'11	18°16'40
	-1233 Sep 19 j 20:06	0°♍	
morning set	-1233 Sep 29 j 17:06	16°♍04'32	
	-1233 Oct 08 j 06:17	0°♎	
superior conj	-1233 Oct 14 j 10:39	9°♎52'11	0°00'41
minimum elong	-1233 Oct 14 j 10:45	9°♎52'33	0°00'39
behind sun begin	-1233 Oct 13 j 23:42	9°♎08'46	
behind sun end	-1233 Oct 14 j 21:48	10°♎36'18	
desc. node	-1233 Oct 14 j 13:09	10°♎02'04	
max. Earth dist.	-1233 Oct 17 j 03:36	14°♎08'45	1.44870 AU
	-1233 Oct 27 j 06:24	0°♏	
evening rise	-1233 Oct 30 j 23:55	5°♏49'18	
greatest brilliancy	-1233 Nov 15 j 11:37	29°♏36'46	-0.7m
	-1233 Nov 15 j 17:59	0°♐	
evening max el	-1233 Nov 24 j 02:09	10°♐46'08	19°31'18
retrograde	-1233 Dec 01 j 08:32	14°♐58'47	
asc. node	-1233 Dec 01 j 00:03	14°♐58'05	
evening set	-1233 Dec 04 j 17:33	13°♐52'06	
inferior conj	-1233 Dec 10 j 08:15	7°♐53'58	2°49'42
minimum elong	-1233 Dec 10 j 05:21	8°♐03'24	2°48'51
min. Earth dist.	-1233 Dec 11 j 12:15	6°♐22'53	0.66275 AU
morning rise	-1233 Dec 15 j 16:23	1°♐40'24	
	-1233 Dec 17 j 23:55	30°℞♏	
direct	-1233 Dec 21 j 20:01	28°♏58'19	
	-1233 Dec 26 j 00:20	0°♐	
morning max el	-1232 Jan 03 j 05:00	6°♐17'42	25°52'34
desc. node	-1232 Jan 10 j 12:23	14°♐38'23	
	-1232 Jan 21 j 14:32	0°♑	
morning set	-1232 Feb 08 j 10:01	29°♑40'29	
	-1232 Feb 08 j 14:16	0°♒	
max. Earth dist.	-1232 Feb 12 j 08:16	7°♒03'39	1.35754 AU
superior conj	-1232 Feb 17 j 16:40	17°♒36'36	-1°-25'-1
minimum elong	-1232 Feb 17 j 20:13	17°♒54'29	1°24'32
	-1232 Feb 23 j 17:55	0°♓	
evening rise	-1232 Feb 25 j 15:39	3°♓54'25	
asc. node	-1232 Feb 26 j 23:22	6°♓35'19	
	-1232 Mar 11 j 21:05	0°♈	
evening max el	-1232 Mar 14 j 16:49	3°♈03'09	20°11'15
retrograde	-1232 Mar 25 j 03:57	8°♈03'27	
evening set	-1232 Mar 27 j 07:52	7°♈51'32	
inferior conj	-1232 Apr 05 j 06:11	3°♈52'47	0°37'30
minimum elong	-1232 Apr 05 j 07:51	3°♈50'18	0°36'56
min. Earth dist.	-1232 Apr 07 j 02:02	2°♈47'28	0.55423 AU
desc. node	-1232 Apr 07 j 11:29	2°♈33'38	
	-1232 Apr 12 j 15:36	30°℞♓	
morning rise	-1232 Apr 14 j 05:15	29°♓29'28	
direct	-1232 Apr 18 j 01:10	28°♓57'22	
	-1232 Apr 23 j 07:51	0°♈	
morning max el	-1232 May 01 j 17:09	5°♈41'42	23°42'42
	-1232 May 18 j 20:34	0°♉	
asc. node	-1232 May 24 j 22:39	12°♉01'56	
morning set	-1232 May 25 j 14:56	13°♉27'00	
superior conj	-1232 Jun 01 j 17:40	28°♉42'07	1°13'49
minimum elong	-1232 Jun 01 j 15:09	28°♉28'34	1°13'27
	-1232 Jun 02 j 08:10	0°♊	
max. Earth dist.	-1232 Jun 03 j 20:22	3°♊13'07	1.33512 AU
evening rise	-1232 Jun 09 j 06:21	14°♊25'13	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1232 Jun 17 j 12:18	0°♋	
desc. node	-1232 Jul 04 j 10:45	25°♋55'10	
	-1232 Jul 07 j 18:50	0°♌	
evening max el	-1232 Jul 12 j 21:36	5°♌26'32	27°24'14
retrograde	-1232 Jul 26 j 12:23	12°♌47'50	
evening set	-1232 Aug 02 j 16:02	10°♌06'22	
min. Earth dist.	-1232 Aug 06 j 07:36	6°♌49'50	0.63873 AU
inferior conj	-1232 Aug 08 j 20:02	4°♌12'31	-3°-33'00
minimum elong	-1232 Aug 09 j 00:29	4°♌00'53	3°31'50
	-1232 Aug 13 j 10:03	30°℞♋	
morning rise	-1232 Aug 15 j 10:57	28°♋50'31	
direct	-1232 Aug 18 j 00:27	28°♋17'46	
asc. node	-1232 Aug 20 j 21:52	28°♋59'48	
	-1232 Aug 22 j 13:32	0°♌	
morning max el	-1232 Aug 24 j 13:26	1°♌43'53	17°57'03
morning set	-1232 Sep 10 j 12:57	27°♌49'02	
	-1232 Sep 11 j 19:22	0°♍	
superior conj	-1232 Sep 23 j 05:25	19°♍12'43	0°46'02
minimum elong	-1232 Sep 23 j 10:02	19°♍31'37	0°45'27
max. Earth dist.	-1232 Sep 28 j 20:21	28°♍18'02	1.44136 AU
	-1232 Sep 29 j 21:57	0°♎	
desc. node	-1232 Sep 30 j 10:09	0°♎48'25	
evening rise	-1232 Oct 09 j 08:31	14°♎45'55	
	-1232 Oct 19 j 08:48	0°♏	
greatest brilliancy	-1232 Oct 31 j 01:52	16°♏50'55	-0.5m
evening max el	-1232 Nov 06 j 05:02	24°♏13'50	20°31'14
retrograde	-1232 Nov 14 j 06:04	28°♏58'38	
asc. node	-1232 Nov 16 j 21:05	28°♏19'08	
evening set	-1232 Nov 18 j 00:14	27°♏37'13	
inferior conj	-1232 Nov 23 j 11:32	21°♏27'38	2°07'55
minimum elong	-1232 Nov 23 j 09:00	21°♏36'14	2°07'00
min. Earth dist.	-1232 Nov 24 j 03:04	20°♏34'57	0.67046 AU
morning rise	-1232 Nov 28 j 17:15	15°♏11'50	
direct	-1232 Dec 04 j 06:07	12°♏46'50	
morning max el	-1232 Dec 15 j 13:23	19°♏31'20	24°31'15
	-1232 Dec 24 j 11:40	0°♐	
desc. node	-1232 Dec 27 j 09:26	3°♐52'25	
	-1231 Jan 13 j 18:04	0°♑	
morning set	-1231 Jan 20 j 12:03	11°♑26'15	
max. Earth dist.	-1231 Jan 24 j 05:48	18°♑06'33	1.37639 AU
	-1231 Jan 30 j 14:11	0°♒	
superior conj	-1231 Jan 31 j 00:58	0°♒52'01	-1°-44'-39
minimum elong	-1231 Jan 31 j 04:25	1°♒08'43	1°44'22
evening rise	-1231 Feb 08 j 16:19	17°♒56'18	
asc. node	-1231 Feb 12 j 20:25	26°♒04'10	
	-1231 Feb 14 j 23:16	0°♓	
evening max el	-1231 Feb 25 j 10:47	15°♓00'52	19°11'06
retrograde	-1231 Mar 06 j 06:33	19°♓14'43	
evening set	-1231 Mar 08 j 12:38	18°♓59'22	
inferior conj	-1231 Mar 16 j 17:36	14°♓48'18	2°16'15
minimum elong	-1231 Mar 16 j 22:05	14°♓40'40	2°14'58
min. Earth dist.	-1231 Mar 19 j 17:26	12°♓47'04	0.56676 AU
morning rise	-1231 Mar 25 j 03:31	9°♓53'12	
desc. node	-1231 Mar 25 j 08:31	9°♓48'34	
direct	-1231 Mar 30 j 02:52	8°♓55'40	
morning max el	-1231 Apr 13 j 07:51	16°♓13'24	25°20'12
	-1231 Apr 24 j 11:17	0°♈	
morning set	-1231 May 10 j 02:56	28°♈27'01	
	-1231 May 10 j 20:33	0°♉	
asc. node	-1231 May 11 j 19:43	2°♉03'31	
superior conj	-1231 May 17 j 03:52	13°♉39'33	0°53'39
minimum elong	-1231 May 17 j 01:45	13°♉28'03	0°53'16
max. Earth dist.	-1231 May 18 j 04:53	15°♉55'47	1.32804 AU
evening rise	-1231 May 24 j 08:13	28°♉58'15	
	-1231 May 24 j 20:17	0°♊	
	-1231 Jun 10 j 16:49	0°♋	
desc. node	-1231 Jun 21 j 07:44	14°♋04'39	
evening max el	-1231 Jun 25 j 05:36	18°♋09'03	27°16'36
retrograde	-1231 Jul 09 j 02:16	25°♋28'03	
evening set	-1231 Jul 16 j 05:15	23°♋04'30	
min. Earth dist.	-1231 Jul 19 j 19:27	20°♋14'21	0.62089 AU
inferior conj	-1231 Jul 22 j 20:06	17°♋26'18	-4°-11'-52
minimum elong	-1231 Jul 23 j 00:01	17°♋17'13	4°11'12
morning rise	-1231 Jul 29 j 21:23	12°♋24'08	
direct	-1231 Aug 01 j 08:37	11°♋57'27	
asc. node	-1231 Aug 07 j 18:55	15°♋01'49	
morning max el	-1231 Aug 08 j 04:10	15°♋23'53	17°55'44
	-1231 Aug 18 j 07:38	0°♌	
morning set	-1231 Aug 24 j 05:38	10°♌33'31	
superior conj	-1231 Sep 04 j 03:20	29°♌53'41	1°19'24
minimum elong	-1231 Sep 04 j 08:20	0°♍15'09	1°18'53
	-1231 Sep 04 j 04:48	0°♍	
max. Earth dist.	-1231 Sep 11 j 09:18	12°♍03'15	1.42788 AU
desc. node	-1231 Sep 17 j 07:07	21°♍33'20	
evening rise	-1231 Sep 18 j 16:37	23°♍45'08	
	-1231 Sep 22 j 17:16	0°♎	
	-1231 Oct 13 j 12:54	0°♏	
greatest brilliancy	-1231 Oct 15 j 05:05	2°♏07'25	-0.4m
evening max el	-1231 Oct 20 j 02:03	7°♏41'35	21°42'47
retrograde	-1231 Oct 29 j 02:34	13°♏03'15	
evening set	-1231 Nov 02 j 08:04	11°♏24'50	
asc. node	-1231 Nov 03 j 18:08	10°♏07'18	
inferior conj	-1231 Nov 07 j 17:33	5°♏07'09	1°20'19
minimum elong	-1231 Nov 07 j 15:48	5°♏13'13	1°19'37
min. Earth dist.	-1231 Nov 07 j 21:53	4°♏52'13	0.67478 AU
	-1231 Nov 11 j 18:32	30°℞♎	
morning rise	-1231 Nov 12 j 23:16	28°♎51'37	
direct	-1231 Nov 17 j 20:47	26°♎48'14	
	-1231 Nov 24 j 21:28	0°♏	
morning max el	-1231 Nov 27 j 22:47	2°♏48'12	23°03'51
greatest brilliancy	-1231 Dec 02 j 19:56	8°♏16'27	-0.3m
desc. node	-1231 Dec 14 j 06:27	23°♏37'37	
	-1231 Dec 18 j 14:46	0°♐	
morning set	-1230 Jan 01 j 11:48	21°♐51'34	
max. Earth dist.	-1230 Jan 06 j 01:08	29°♐34'28	1.39741 AU
	-1230 Jan 06 j 07:02	0°♑	
superior conj	-1230 Jan 13 j 18:05	13°♑18'46	-1°-57'-16
minimum elong	-1230 Jan 13 j 20:01	13°♑27'38	1°57'14
	-1230 Jan 22 j 14:08	0°♒	
evening rise	-1230 Jan 23 j 08:16	1°♒26'54	
asc. node	-1230 Jan 30 j 17:27	15°♒07'38	
evening max el	-1230 Feb 08 j 13:39	27°♒30'53	18°30'48
	-1230 Feb 11 j 19:03	0°♓	
retrograde	-1230 Feb 16 j 03:49	1°♓13'56	
evening set	-1230 Feb 18 j 14:12	0°♓52'16	
	-1230 Feb 20 j 17:56	30°℞♒	
inferior conj	-1230 Feb 26 j 01:27	26°♒21'08	3°19'47
minimum elong	-1230 Feb 26 j 05:10	26°♒13'44	3°19'07
min. Earth dist.	-1230 Mar 01 j 11:26	23°♒39'51	0.58512 AU
morning rise	-1230 Mar 05 j 16:22	20°♒57'48	
direct	-1230 Mar 11 j 17:37	19°♒24'11	
desc. node	-1230 Mar 12 j 05:35	19°♒24'49	
morning max el	-1230 Mar 26 j 01:13	27°♒00'08	26°40'47
	-1230 Mar 28 j 22:12	0°♓	
	-1230 Apr 17 j 20:13	0°♈	
morning set	-1230 Apr 24 j 13:37	13°♈22'14	
asc. node	-1230 Apr 28 j 16:46	22°♈12'24	
superior conj	-1230 May 01 j 15:31	28°♈39'30	0°30'43

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1230 May 01 j 14:11	28°♈32'15	0°30'26
max. Earth dist.	-1230 May 01 j 17:27	28°♈50'06	1.32455 AU
	-1230 May 02 j 06:11	0°♉	
evening rise	-1230 May 08 j 15:31	13°♉46'12	
	-1230 May 16 j 22:10	0°♊	
	-1230 Jun 07 j 03:44	0°♋	
evening max el	-1230 Jun 07 j 08:02	0°♋10'20	26°35'56
desc. node	-1230 Jun 08 j 04:46	0°♋58'34	
retrograde	-1230 Jun 21 j 08:11	7°♋26'09	
evening set	-1230 Jun 27 j 23:36	5°♋33'34	
min. Earth dist.	-1230 Jul 01 j 21:21	2°♋55'24	0.60073 AU
inferior conj	-1230 Jul 05 j 05:26	0°♋13'49	-4°-34'-45
minimum elong	-1230 Jul 05 j 07:05	0°♋10'29	4°34'39
	-1230 Jul 05 j 12:15	30°℞♊	
morning rise	-1230 Jul 12 j 17:49	25°♊34'05	
direct	-1230 Jul 15 j 04:56	25°♊11'32	
morning max el	-1230 Jul 22 j 15:22	28°♊47'54	18°13'50
	-1230 Jul 23 j 19:30	0°♋	
asc. node	-1230 Jul 25 j 15:59	2°♋12'31	
morning set	-1230 Aug 07 j 13:39	24°♋03'07	
	-1230 Aug 10 j 17:15	0°♌	
superior conj	-1230 Aug 17 j 03:04	11°♌51'56	1°39'16
minimum elong	-1230 Aug 17 j 06:08	12°♌05'50	1°39'04
max. Earth dist.	-1230 Aug 24 j 17:04	25°♌10'53	1.40998 AU
	-1230 Aug 27 j 13:54	0°♍	
evening rise	-1230 Aug 29 j 17:44	3°♍33'10	
desc. node	-1230 Sep 04 j 04:07	12°♍13'44	
	-1230 Sep 16 j 01:12	0°♎	
greatest brilliancy	-1230 Sep 27 j 10:20	15°♎13'18	-0.2m
evening max el	-1230 Oct 02 j 17:46	21°♎10'42	23°01'26
retrograde	-1230 Oct 12 j 20:38	27°♎10'38	
evening set	-1230 Oct 17 j 15:22	25°♎13'42	
asc. node	-1230 Oct 21 j 15:10	20°♎45'19	
inferior conj	-1230 Oct 23 j 00:31	18°♎51'32	0°28'41
minimum elong	-1230 Oct 22 j 23:51	18°♎53'51	0°28'24
min. Earth dist.	-1230 Oct 22 j 18:22	19°♎12'42	0.67590 AU
morning rise	-1230 Oct 28 j 08:19	12°♎38'45	
direct	-1230 Nov 01 j 15:08	10°♎57'55	
morning max el	-1230 Nov 10 j 12:49	16°♎12'23	21°39'17
greatest brilliancy	-1230 Nov 15 j 12:07	21°♎52'35	-0.4m
	-1230 Nov 21 j 15:18	0°♏	
desc. node	-1230 Dec 01 j 03:28	13°♏45'27	
	-1230 Dec 11 j 16:55	0°♐	
morning set	-1230 Dec 12 j 06:31	0°♐53'52	
max. Earth dist.	-1230 Dec 19 j 01:31	11°♐54'23	1.41775 AU
superior conj	-1230 Dec 26 j 14:44	24°♐43'53	-1°-58'-59
minimum elong	-1230 Dec 26 j 13:14	24°♐37'17	1°59'00
	-1230 Dec 29 j 14:35	0°♑	
evening rise	-1229 Jan 06 j 12:08	14°♑18'52	
	-1229 Jan 15 j 07:36	0°♒	
asc. node	-1229 Jan 17 j 14:29	3°♒37'46	
evening max el	-1229 Jan 22 j 22:32	10°♒25'06	18°10'31
retrograde	-1229 Jan 29 j 18:51	13°♒53'22	
evening set	-1229 Feb 01 j 09:05	13°♒24'05	
inferior conj	-1229 Feb 08 j 05:23	8°♒31'06	3°49'34
minimum elong	-1229 Feb 08 j 06:46	8°♒27'55	3°49'28
min. Earth dist.	-1229 Feb 11 j 11:19	5°♒32'56	0.60577 AU
morning rise	-1229 Feb 15 j 01:32	2°♒47'33	
direct	-1229 Feb 21 j 19:43	0°♒37'00	
desc. node	-1229 Feb 27 j 02:39	1°♒50'16	
morning max el	-1229 Mar 08 j 00:45	8°♒22'58	27°31'29
	-1229 Mar 24 j 13:08	0°♓	
morning set	-1229 Apr 08 j 21:10	28°♓06'17	
	-1229 Apr 09 j 19:04	0°♈	
max. Earth dist.	-1229 Apr 15 j 06:11	11°♈42'42	1.32456 AU
asc. node	-1229 Apr 15 j 13:48	12°♈24'17	
superior conj	-1229 Apr 16 j 02:56	13°♈36'07	0°05'48
minimum elong	-1229 Apr 16 j 02:40	13°♈34'39	0°05'45
behind sun begin	-1229 Apr 15 j 21:57	13°♈08'49	
behind sun end	-1229 Apr 16 j 07:23	14°♈00'30	
evening rise	-1229 Apr 23 j 02:00	28°♈41'09	
	-1229 Apr 23 j 17:01	0°♉	
	-1229 May 10 j 14:15	0°♊	
evening max el	-1229 May 20 j 03:35	11°♊26'33	25°25'38
desc. node	-1229 May 26 j 01:49	16°♊05'59	
retrograde	-1229 Jun 03 j 04:40	18°♊37'18	
evening set	-1229 Jun 08 j 19:33	17°♊23'14	
min. Earth dist.	-1229 Jun 13 j 15:31	14°♊39'00	0.58044 AU
inferior conj	-1229 Jun 16 j 20:25	12°♊24'40	-4°-31'-33
minimum elong	-1229 Jun 16 j 18:03	12°♊28'50	4°31'24
morning rise	-1229 Jun 24 j 20:28	8°♊07'33	
direct	-1229 Jun 27 j 08:50	7°♊48'03	
morning max el	-1229 Jul 05 j 20:05	11°♊46'41	18°52'17
asc. node	-1229 Jul 12 j 13:02	20°♊16'38	
	-1229 Jul 18 j 03:36	0°♋	
morning set	-1229 Jul 22 j 08:32	8°♋05'21	
superior conj	-1229 Jul 30 j 22:58	24°♋51'00	1°47'23
minimum elong	-1229 Jul 30 j 23:43	24°♋54'38	1°47'23
	-1229 Aug 02 j 16:37	0°♌	
max. Earth dist.	-1229 Aug 06 j 20:13	7°♌33'47	1.39004 AU
evening rise	-1229 Aug 10 j 19:43	14°♌31'36	
	-1229 Aug 20 j 06:33	0°♍	
desc. node	-1229 Aug 22 j 01:09	2°♍45'01	
	-1229 Sep 10 j 21:38	0°♎	
evening max el	-1229 Sep 15 j 05:58	4°♎42'13	24°21'25
retrograde	-1229 Sep 26 j 11:13	11°♎16'49	
evening set	-1229 Oct 01 j 20:28	9°♎01'22	
min. Earth dist.	-1229 Oct 06 j 14:08	3°♎34'06	0.67385 AU
inferior conj	-1229 Oct 07 j 06:41	2°♎38'30	0°-25'-27
minimum elong	-1229 Oct 07 j 07:18	2°♎36'26	0°25'13
asc. node	-1229 Oct 08 j 12:13	1°♎00'26	
	-1229 Oct 09 j 07:14	30°℞♍	
morning rise	-1229 Oct 12 j 18:27	26°♍31'11	
direct	-1229 Oct 16 j 12:10	25°♍11'12	
morning max el	-1229 Oct 24 j 09:57	29°♍46'12	20°23'59
	-1229 Oct 24 j 15:22	0°♎	
greatest brilliancy	-1229 Oct 30 j 22:13	7°♎35'03	-0.5m
	-1229 Nov 15 j 07:18	0°♏	
desc. node	-1229 Nov 18 j 00:30	4°♏09'09	
morning set	-1229 Nov 21 j 05:15	9°♏04'58	
max. Earth dist.	-1229 Dec 01 j 09:15	25°♏06'39	1.43453 AU
	-1229 Dec 04 j 09:43	0°♐	
superior conj	-1229 Dec 07 j 09:45	4°♐55'43	-1°-45'-26
minimum elong	-1229 Dec 07 j 03:44	4°♐30'50	1°45'03
evening rise	-1229 Dec 19 j 23:47	26°♐23'51	
	-1229 Dec 22 j 01:16	0°♑	
asc. node	-1228 Jan 04 j 11:31	21°♑24'30	
evening max el	-1228 Jan 06 j 10:31	23°♑35'48	18°09'50
retrograde	-1228 Jan 12 j 23:16	27°♑02'51	
evening set	-1228 Jan 15 j 17:19	26°♑24'58	
inferior conj	-1228 Jan 22 j 01:58	21°♑11'04	3°53'19
minimum elong	-1228 Jan 22 j 01:08	21°♑13'14	3°53'15
min. Earth dist.	-1228 Jan 24 j 19:53	18°♑19'26	0.62569 AU
morning rise	-1228 Jan 28 j 06:55	15°♑14'25	
direct	-1228 Feb 04 j 07:14	12°♑36'24	
desc. node	-1228 Feb 13 j 23:43	16°♑40'30	
morning max el	-1228 Feb 18 j 06:10	20°♑26'51	27°45'51
	-1228 Feb 26 j 12:24	0°♒	
	-1228 Mar 16 j 11:59	0°♓	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning set	-1228 Mar 22 j 23:29	12°♓31'52	
max. Earth dist.	-1228 Mar 28 j 15:07	24°♓19'27	1.32824 AU
superior conj	-1228 Mar 30 j 12:28	28°♓23'41	0°-20'-17
minimum elong	-1228 Mar 30 j 13:25	28°♓28'49	0°20'05
	-1228 Mar 31 j 06:15	0°♈	
asc. node	-1228 Apr 01 j 10:51	2°♈35'14	
evening rise	-1228 Apr 06 j 13:46	13°♈36'28	
	-1228 Apr 14 j 21:20	0°♉	
evening max el	-1228 Apr 30 j 18:47	22°♉11'16	23°56'04
desc. node	-1228 May 11 j 22:52	28°♉50'50	
retrograde	-1228 May 14 j 13:43	29°♉06'30	
evening set	-1228 May 18 j 18:51	28°♉27'06	
min. Earth dist.	-1228 May 25 j 05:55	25°♉21'29	0.56324 AU
inferior conj	-1228 May 27 j 15:21	23°♉53'18	-3°-50'-26
minimum elong	-1228 May 27 j 09:08	24°♉02'54	3°49'10
morning rise	-1228 Jun 05 j 03:13	19°♉53'24	
direct	-1228 Jun 07 j 17:29	19°♉36'00	
morning max el	-1228 Jun 17 j 15:37	24°♉11'32	19°51'25
	-1228 Jun 22 j 16:41	0°♊	
asc. node	-1228 Jun 28 j 10:06	9°♊02'10	
morning set	-1228 Jul 05 j 11:04	22°♊32'02	
	-1228 Jul 09 j 03:19	0°♋	
superior conj	-1228 Jul 13 j 09:34	8°♋35'30	1°46'10
minimum elong	-1228 Jul 13 j 08:31	8°♋30'19	1°46'10
max. Earth dist.	-1228 Jul 18 j 23:40	19°♋26'23	1.37076 AU
evening rise	-1228 Jul 22 j 21:40	26°♋40'11	
	-1228 Jul 24 j 18:27	0°♌	
desc. node	-1228 Aug 07 j 22:10	23°♌02'03	
	-1228 Aug 12 j 17:33	0°♍	
evening max el	-1228 Aug 27 j 17:11	18°♍17'02	25°35'29
retrograde	-1228 Sep 08 j 21:29	25°♍17'14	
evening set	-1228 Sep 14 j 21:31	22°♍45'36	
min. Earth dist.	-1228 Sep 19 j 06:51	17°♍54'20	0.66858 AU
inferior conj	-1228 Sep 20 j 10:18	16°♍26'05	-1°-20'-35
minimum elong	-1228 Sep 20 j 12:18	16°♍19'40	1°19'47
asc. node	-1228 Sep 24 j 09:17	11°♍50'53	
morning rise	-1228 Sep 26 j 03:44	10°♍27'06	
direct	-1228 Sep 29 j 10:29	9°♍24'50	
morning max el	-1228 Oct 06 j 14:31	13°♍29'07	19°22'02
greatest brilliancy	-1228 Oct 16 j 07:26	26°♍07'08	-0.7m
	-1228 Oct 18 j 21:52	0°♎	
morning set	-1228 Oct 30 j 06:59	17°♎32'57	
desc. node	-1228 Nov 03 j 21:32	24°♎43'59	
	-1228 Nov 07 j 06:21	0°♏	
max. Earth dist.	-1228 Nov 12 j 23:17	8°♏58'38	1.44564 AU
superior conj	-1228 Nov 16 j 02:22	13°♏56'28	-1°-13'-57
minimum elong	-1228 Nov 15 j 18:31	13°♏25'13	1°13'07
	-1228 Nov 26 j 00:54	0°♐	
evening rise	-1228 Nov 30 j 14:50	7°♐33'50	
	-1228 Dec 14 j 11:38	0°♑	
evening max el	-1228 Dec 19 j 22:54	6°♑56'36	18°27'52
asc. node	-1228 Dec 21 j 08:33	8°♑15'19	
retrograde	-1228 Dec 26 j 12:40	10°♑33'38	
evening set	-1228 Dec 29 j 11:21	9°♑45'54	
inferior conj	-1227 Jan 04 j 11:14	4°♑12'52	3°38'24
minimum elong	-1227 Jan 04 j 08:59	4°♑19'24	3°38'02
min. Earth dist.	-1227 Jan 06 j 14:07	1°♑45'36	0.64302 AU
	-1227 Jan 08 j 05:05	30°℞♐	
morning rise	-1227 Jan 10 j 05:13	28°♐07'40	
direct	-1227 Jan 17 j 02:24	25°♐17'06	
	-1227 Jan 27 j 06:36	0°♑	
morning max el	-1227 Jan 30 j 14:54	3°♑04'01	27°24'20
desc. node	-1227 Jan 30 j 20:46	3°♑18'45	
	-1227 Feb 19 j 20:43	0°♒	
morning set	-1227 Mar 06 j 17:43	26°♒28'33	
	-1227 Mar 08 j 12:21	0°♓	
max. Earth dist.	-1227 Mar 11 j 16:04	6°♓26'02	1.33609 AU
superior conj	-1227 Mar 14 j 18:11	12°♓54'50	0°-46'-32
minimum elong	-1227 Mar 14 j 20:21	13°♓06'21	0°46'07
asc. node	-1227 Mar 19 j 07:54	22°♓40'12	
evening rise	-1227 Mar 22 j 00:57	28°♓24'35	
	-1227 Mar 22 j 19:14	0°♈	
	-1227 Apr 09 j 19:11	0°♉	
evening max el	-1227 Apr 12 j 11:39	2°♉49'38	22°21'19
retrograde	-1227 Apr 25 j 09:55	9°♉10'06	
evening set	-1227 Apr 28 j 08:33	8°♉51'03	
desc. node	-1227 Apr 28 j 19:55	8°♉44'34	
min. Earth dist.	-1227 May 06 j 19:14	5°♉12'23	0.55258 AU
inferior conj	-1227 May 07 j 16:55	4°♉41'41	-2°-25'-26
minimum elong	-1227 May 07 j 10:46	4°♉50'25	2°23'31
morning rise	-1227 May 16 j 14:56	0°♉46'41	
direct	-1227 May 19 j 10:04	0°♉28'52	
morning max el	-1227 May 31 j 00:06	5°♉53'51	21°10'23
asc. node	-1227 Jun 15 j 07:11	28°♉18'13	
	-1227 Jun 16 j 04:10	0°♊	
morning set	-1227 Jun 19 j 18:42	7°♊15'42	
superior conj	-1227 Jun 27 j 06:29	22°♊51'57	1°37'46
minimum elong	-1227 Jun 27 j 04:22	22°♊40'57	1°37'37
	-1227 Jun 30 j 18:33	0°♋	
max. Earth dist.	-1227 Jul 01 j 09:50	1°♋16'20	1.35408 AU
evening rise	-1227 Jul 05 j 18:47	9°♋45'51	
	-1227 Jul 17 j 07:33	0°♌	
desc. node	-1227 Jul 25 j 19:12	12°♌57'58	
	-1227 Aug 08 j 08:38	0°♍	
evening max el	-1227 Aug 10 j 04:53	1°♍51'17	26°35'45
retrograde	-1227 Aug 23 j 02:40	9°♍05'47	
evening set	-1227 Aug 29 j 16:25	6°♍23'09	
min. Earth dist.	-1227 Sep 02 j 18:00	2°♍09'42	0.65987 AU
inferior conj	-1227 Sep 04 j 09:26	0°♍10'59	-2°-14'-56
minimum elong	-1227 Sep 04 j 12:44	0°♍01'05	2°13'43
	-1227 Sep 04 j 13:05	30°℞♌	
morning rise	-1227 Sep 10 j 10:08	24°♌23'38	
asc. node	-1227 Sep 11 j 06:21	23°♌59'55	
direct	-1227 Sep 13 j 08:19	23°♌35'25	
morning max el	-1227 Sep 20 j 01:08	27°♌18'00	18°35'41
	-1227 Sep 22 j 10:37	0°♍	
morning set	-1227 Oct 10 j 08:00	27°♍13'19	
	-1227 Oct 12 j 01:36	0°♎	
desc. node	-1227 Oct 21 j 18:34	15°♎26'00	
superior conj	-1227 Oct 26 j 03:13	22°♎18'20	0°-28'-3
minimum elong	-1227 Oct 25 j 23:31	22°♎03'46	0°27'35
max. Earth dist.	-1227 Oct 26 j 17:19	23°♎13'49	1.44974 AU
	-1227 Oct 31 j 00:37	0°♏	
evening rise	-1227 Nov 11 j 06:03	17°♏44'12	
	-1227 Nov 18 j 23:22	0°♐	
evening max el	-1227 Dec 03 j 09:13	20°♐22'51	19°03'29
asc. node	-1227 Dec 08 j 05:36	23°♐55'49	
retrograde	-1227 Dec 10 j 07:25	24°♐19'41	
evening set	-1227 Dec 13 j 12:14	23°♐20'22	
inferior conj	-1227 Dec 19 j 05:42	17°♐30'36	3°10'18
minimum elong	-1227 Dec 19 j 02:50	17°♐39'35	3°09'36
min. Earth dist.	-1227 Dec 20 j 17:38	15°♐37'52	0.65671 AU
morning rise	-1227 Dec 24 j 16:31	11°♐19'40	
direct	-1227 Dec 31 j 03:50	8°♐31'12	
morning max el	-1226 Jan 13 j 00:26	16°♐03'35	26°32'38
desc. node	-1226 Jan 17 j 17:49	21°♐14'23	
	-1226 Jan 24 j 14:10	0°♑	
	-1226 Feb 12 j 16:20	0°♒	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning set	-1226 Feb 18 j 00:20	9°♒45'41	
max. Earth dist.	-1226 Feb 22 j 06:08	17°♒58'11	1.34849 AU
superior conj	-1226 Feb 26 j 17:54	27°♒03'07	-1°-11'-41
minimum elong	-1226 Feb 26 j 21:05	27°♒19'31	1°11'11
	-1226 Feb 28 j 04:06	0°♓	
evening rise	-1226 Mar 06 j 09:45	12°♓59'52	
asc. node	-1226 Mar 06 j 04:56	12°♓35'03	
	-1226 Mar 15 j 06:32	0°♈	
evening max el	-1226 Mar 25 j 12:25	13°♈48'48	20°54'16
retrograde	-1226 Apr 05 j 22:51	19°♈19'05	
evening set	-1226 Apr 08 j 05:39	19°♈06'47	
desc. node	-1226 Apr 15 j 16:57	16°♈08'38	
inferior conj	-1226 Apr 17 j 11:17	15°♈09'09	0°-30'-4
minimum elong	-1226 Apr 17 j 09:52	15°♈11'10	0°29'35
min. Earth dist.	-1226 Apr 18 j 08:33	14°♈38'55	0.55093 AU
morning rise	-1226 Apr 26 j 13:08	11°♈01'29	
direct	-1226 Apr 29 j 21:07	10°♈37'27	
morning max el	-1226 May 12 j 22:09	16°♈54'33	22°44'56
	-1226 May 23 j 07:27	0°♉	
asc. node	-1226 Jun 02 j 04:14	17°♉56'47	
morning set	-1226 Jun 04 j 05:24	22°♉10'17	
	-1226 Jun 07 j 22:05	0°♊	
superior conj	-1226 Jun 11 j 10:28	7°♊30'24	1°23'50
minimum elong	-1226 Jun 11 j 07:55	7°♊16'54	1°23'31
max. Earth dist.	-1226 Jun 14 j 05:48	13°♊24'41	1.34095 AU
evening rise	-1226 Jun 19 j 06:08	23°♊34'35	
	-1226 Jun 22 j 14:18	0°♋	
	-1226 Jul 10 j 22:21	0°♌	
desc. node	-1226 Jul 12 j 16:14	2°♌23'29	
evening max el	-1226 Jul 23 j 16:38	15°♌15'10	27°14'24
retrograde	-1226 Aug 06 j 02:12	22°♌34'58	
evening set	-1226 Aug 13 j 02:31	19°♌49'46	
min. Earth dist.	-1226 Aug 16 j 21:12	16°♌13'47	0.64755 AU
inferior conj	-1226 Aug 19 j 01:49	13°♌48'36	-3°-6'-11
minimum elong	-1226 Aug 19 j 06:03	13°♌36'53	3°04'52
morning rise	-1226 Aug 25 j 11:11	8°♌16'22	
direct	-1226 Aug 28 j 03:16	7°♌38'45	
asc. node	-1226 Aug 29 j 03:25	7°♌44'08	
morning max el	-1226 Sep 03 j 15:32	11°♌08'11	18°06'06
	-1226 Sep 16 j 14:50	0°♍	
morning set	-1226 Sep 21 j 13:16	8°♍16'05	
	-1226 Oct 04 j 18:29	0°♎	
superior conj	-1226 Oct 05 j 09:46	1°♎01'20	0°21'04
minimum elong	-1226 Oct 05 j 12:17	1°♎11'23	0°20'44
desc. node	-1226 Oct 08 j 15:34	6°♎11'27	
max. Earth dist.	-1226 Oct 09 j 12:04	7°♎32'43	1.44647 AU
evening rise	-1226 Oct 21 j 23:05	27°♎00'37	
	-1226 Oct 23 j 21:31	0°♏	
greatest brilliancy	-1226 Nov 09 j 07:03	24°♏38'27	-0.6m
	-1226 Nov 13 j 07:18	0°♐	
evening max el	-1226 Nov 16 j 15:13	3°♐50'10	19°55'08
retrograde	-1226 Nov 24 j 04:39	8°♐15'21	
asc. node	-1226 Nov 25 j 02:39	8°♐10'33	
evening set	-1226 Nov 27 j 17:25	7°♐02'28	
inferior conj	-1226 Dec 03 j 06:26	0°♐58'57	2°32'45
minimum elong	-1226 Dec 03 j 03:38	1°♐08'16	2°31'51
min. Earth dist.	-1226 Dec 04 j 04:52	29°♏44'33	0.66653 AU
	-1226 Dec 04 j 00:12	30°℞♏	
morning rise	-1226 Dec 08 j 13:15	24°♏44'24	
direct	-1226 Dec 14 j 10:47	22°♏09'02	
morning max el	-1226 Dec 26 j 09:19	29°♏14'20	25°19'19
	-1226 Dec 27 j 03:10	0°♐	
desc. node	-1225 Jan 04 j 14:50	10°♐04'05	
	-1225 Jan 18 j 10:22	0°♑	
morning set	-1225 Jan 31 j 14:28	22°♑08'53	
max. Earth dist.	-1225 Feb 04 j 08:58	29°♑05'10	1.36524 AU
	-1225 Feb 04 j 20:37	0°♒	
superior conj	-1225 Feb 10 j 08:48	10°♒40'00	-1°-34'00
minimum elong	-1225 Feb 10 j 12:26	10°♒58'03	1°33'36
evening rise	-1225 Feb 18 j 14:03	27°♒15'39	
	-1225 Feb 19 j 22:48	0°♓	
asc. node	-1225 Feb 21 j 01:59	2°♓14'46	
evening max el	-1225 Mar 08 j 00:02	25°♓23'36	19°43'10
	-1225 Mar 16 j 17:36	0°♈	
retrograde	-1225 Mar 17 j 17:31	0°♈02'49	
	-1225 Mar 18 j 17:42	30°℞♓	
evening set	-1225 Mar 19 j 21:48	29°♓49'51	
inferior conj	-1225 Mar 28 j 13:04	25°♓46'47	1°23'17
minimum elong	-1225 Mar 28 j 16:25	25°♓41'31	1°22'11
min. Earth dist.	-1225 Mar 30 j 22:43	24°♓16'45	0.55864 AU
desc. node	-1225 Apr 02 j 13:59	22°♓46'02	
morning rise	-1225 Apr 06 j 07:43	21°♓10'31	
direct	-1225 Apr 10 j 14:43	20°♓29'29	
morning max el	-1225 Apr 24 j 13:54	27°♓29'26	24°25'29
	-1225 Apr 27 j 00:50	0°♈	
	-1225 May 16 j 05:31	0°♉	
morning set	-1225 May 19 j 17:25	7°♉10'10	
asc. node	-1225 May 20 j 01:17	7°♉51'35	
superior conj	-1225 May 26 j 19:00	22°♉23'00	1°05'40
minimum elong	-1225 May 26 j 16:36	22°♉10'02	1°05'16
max. Earth dist.	-1225 May 28 j 10:33	25°♉56'22	1.33161 AU
	-1225 May 30 j 08:13	0°♊	
evening rise	-1225 Jun 03 j 03:38	7°♊54'19	
	-1225 Jun 15 j 01:28	0°♋	
desc. node	-1225 Jun 29 j 13:14	21°♋05'56	
evening max el	-1225 Jul 06 j 02:32	28°♋16'04	27°24'59
	-1225 Jul 08 j 00:21	0°♌	
retrograde	-1225 Jul 19 j 19:48	5°♌36'27	
evening set	-1225 Jul 27 j 00:33	3°♌00'37	
min. Earth dist.	-1225 Jul 30 j 14:43	29°♋57'04	0.63153 AU
	-1225 Jul 30 j 13:30	30°℞♋	
inferior conj	-1225 Aug 02 j 08:45	27°♋13'23	-3°-50'-58
minimum elong	-1225 Aug 02 j 13:10	27°♋02'26	3°49'57
morning rise	-1225 Aug 09 j 04:00	21°♋59'40	
direct	-1225 Aug 11 j 16:20	21°♋29'44	
asc. node	-1225 Aug 16 j 00:28	22°♋59'59	
morning max el	-1225 Aug 18 j 07:03	24°♋54'32	17°54'16
	-1225 Aug 22 j 11:31	0°♌	
morning set	-1225 Sep 03 j 18:47	20°♌28'37	
	-1225 Sep 09 j 05:32	0°♍	
superior conj	-1225 Sep 15 j 15:51	10°♍55'49	1°01'51
minimum elong	-1225 Sep 15 j 21:03	11°♍17'34	1°01'14
max. Earth dist.	-1225 Sep 22 j 03:54	21°♍35'25	1.43632 AU
desc. node	-1225 Sep 25 j 12:35	26°♍57'44	
	-1225 Sep 27 j 10:46	0°♎	
evening rise	-1225 Oct 01 j 05:13	5°♎52'38	
	-1225 Oct 17 j 07:07	0°♏	
greatest brilliancy	-1225 Oct 25 j 03:57	10°♏50'51	-0.5m
evening max el	-1225 Oct 30 j 15:34	17°♏17'24	21°00'21
retrograde	-1225 Nov 08 j 02:04	22°♏17'42	
asc. node	-1225 Nov 11 j 23:40	20°♏51'18	
evening set	-1225 Nov 12 j 00:50	20°♏49'08	
inferior conj	-1225 Nov 17 j 11:09	14°♏35'22	1°48'18
minimum elong	-1225 Nov 17 j 08:54	14°♏43'04	1°47'27
min. Earth dist.	-1225 Nov 17 j 21:42	13°♏59'12	0.67274 AU
morning rise	-1225 Nov 22 j 16:36	8°♏19'20	
direct	-1225 Nov 27 j 22:48	6°♏03'29	
morning max el	-1225 Dec 08 j 18:00	12°♏29'53	23°54'11

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-1225 Dec 22 j 11:52	29°♏32'18	
	-1225 Dec 22 j 19:47	0°♐	
	-1224 Jan 11 j 06:25	0°♑	
morning set	-1224 Jan 13 j 06:02	3°♑21'58	
max. Earth dist.	-1224 Jan 17 j 04:44	10°♑14'51	1.38525 AU
superior conj	-1224 Jan 24 j 11:11	23°♑35'33	-1°-51'-5
minimum elong	-1224 Jan 24 j 14:12	23°♑49'51	1°50'55
	-1224 Jan 27 j 19:23	0°♒	
evening rise	-1224 Feb 02 j 11:24	11°♒04'58	
asc. node	-1224 Feb 07 j 23:00	21°♒33'28	
	-1224 Feb 12 j 22:09	0°♓	
evening max el	-1224 Feb 18 j 22:01	7°♓35'17	18°51'26
retrograde	-1224 Feb 27 j 04:03	11°♓34'26	
evening set	-1224 Feb 29 j 11:44	11°♓16'46	
inferior conj	-1224 Mar 08 j 08:55	6°♓57'35	2°47'44
minimum elong	-1224 Mar 08 j 13:25	6°♓49'24	2°46'39
min. Earth dist.	-1224 Mar 11 j 15:06	4°♓36'39	0.57400 AU
morning rise	-1224 Mar 16 j 11:00	1°♓49'10	
desc. node	-1224 Mar 19 j 11:02	0°♓51'56	
direct	-1224 Mar 21 j 21:50	0°♓37'14	
morning max el	-1224 Apr 05 j 05:21	8°♓04'49	25°57'36
	-1224 Apr 21 j 13:49	0°♈	
morning set	-1224 May 03 j 05:03	22°♈08'45	
asc. node	-1224 May 05 j 22:19	27°♈56'38	
	-1224 May 06 j 21:06	0°♉	
superior conj	-1224 May 10 j 06:01	7°♉22'06	0°44'13
minimum elong	-1224 May 10 j 04:12	7°♉12'11	0°43'52
max. Earth dist.	-1224 May 10 j 21:06	8°♉44'35	1.32602 AU
evening rise	-1224 May 17 j 08:04	22°♉34'12	
	-1224 May 21 j 00:20	0°♊	
	-1224 Jun 08 j 02:31	0°♋	
desc. node	-1224 Jun 15 j 10:16	8°♋46'21	
evening max el	-1224 Jun 17 j 08:10	10°♋40'54	27°03'17
retrograde	-1224 Jul 01 j 06:43	17°♋59'34	
evening set	-1224 Jul 08 j 06:20	15°♋47'25	
min. Earth dist.	-1224 Jul 11 j 22:05	13°♋04'42	0.61243 AU
inferior conj	-1224 Jul 15 j 02:58	10°♋16'35	-4°-24'-4
minimum elong	-1224 Jul 15 j 06:09	10°♋09'34	4°23'40
morning rise	-1224 Jul 22 j 08:56	5°♋24'07	
direct	-1224 Jul 24 j 19:48	4°♋59'29	
morning max el	-1224 Jul 31 j 20:43	8°♋28'53	18°01'05
asc. node	-1224 Aug 01 j 21:31	9°♋32'51	
	-1224 Aug 14 j 20:09	0°♌	
morning set	-1224 Aug 16 j 18:35	3°♌33'27	
superior conj	-1224 Aug 27 j 01:21	22°♌11'22	1°29'23
minimum elong	-1224 Aug 27 j 05:41	22°♌30'21	1°29'01
	-1224 Aug 31 j 13:50	0°♍	
max. Earth dist.	-1224 Sep 03 j 14:12	5°♍03'56	1.42063 AU
evening rise	-1224 Sep 09 j 18:47	15°♍07'31	
desc. node	-1224 Sep 11 j 09:36	17°♍41'08	
	-1224 Sep 19 j 09:58	0°♎	
greatest brilliancy	-1224 Oct 07 j 16:27	25°♎25'02	-0.3m
	-1224 Oct 11 j 16:36	0°♏	
evening max el	-1224 Oct 12 j 10:05	0°♏45'12	22°15'38
retrograde	-1224 Oct 21 j 21:52	6°♏23'53	
evening set	-1224 Oct 26 j 08:41	4°♏37'50	
asc. node	-1224 Oct 28 j 20:43	2°♏05'48	
	-1224 Oct 30 j 11:59	30°℞♎	
inferior conj	-1224 Oct 31 j 17:51	28°♎17'34	0°58'52
minimum elong	-1224 Oct 31 j 16:31	28°♎22'11	0°58'17
min. Earth dist.	-1224 Oct 31 j 17:40	28°♎18'10	0.67561 AU
morning rise	-1224 Nov 06 j 00:11	22°♎02'38	
direct	-1224 Nov 10 j 15:13	20°♎08'55	
morning max el	-1224 Nov 20 j 05:03	25°♎49'49	22°27'00
	-1224 Nov 23 j 23:36	0°♏	
greatest brilliancy	-1224 Nov 24 j 20:44	1°♏03'26	-0.3m
desc. node	-1224 Dec 08 j 08:55	19°♏28'09	
	-1224 Dec 15 j 09:12	0°♐	
morning set	-1224 Dec 23 j 17:26	13°♐11'44	
max. Earth dist.	-1224 Dec 29 j 01:10	22°♐01'38	1.40628 AU
	-1223 Jan 02 j 16:12	0°♑	
superior conj	-1223 Jan 05 j 20:20	5°♑38'05	-1°-59'-36
minimum elong	-1223 Jan 05 j 21:03	5°♑41'14	1°59'37
evening rise	-1223 Jan 15 j 22:43	24°♑20'25	
	-1223 Jan 18 j 23:15	0°♒	
asc. node	-1223 Jan 24 j 20:03	10°♒24'12	
evening max el	-1223 Feb 01 j 03:55	20°♒17'24	18°19'48
retrograde	-1223 Feb 08 j 09:11	23°♒52'12	
evening set	-1223 Feb 10 j 21:12	23°♒27'31	
inferior conj	-1223 Feb 18 j 01:44	18°♒47'30	3°36'06
minimum elong	-1223 Feb 18 j 04:31	18°♒41'35	3°35'44
min. Earth dist.	-1223 Feb 21 j 11:35	15°♒55'37	0.59380 AU
morning rise	-1223 Feb 25 j 08:20	13°♒14'25	
direct	-1223 Mar 03 j 18:13	11°♒24'08	
desc. node	-1223 Mar 06 j 08:05	11°♒41'24	
morning max el	-1223 Mar 18 j 01:14	19°♒05'55	27°06'29
	-1223 Mar 27 j 06:49	0°♓	
	-1223 Apr 14 j 03:58	0°♈	
morning set	-1223 Apr 17 j 14:37	7°♈00'07	
asc. node	-1223 Apr 22 j 19:22	18°♈07'30	
superior conj	-1223 Apr 24 j 17:48	22°♈21'40	0°20'20
minimum elong	-1223 Apr 24 j 16:54	22°♈16'44	0°20'09
max. Earth dist.	-1223 Apr 24 j 10:03	21°♈39'08	1.32407 AU
	-1223 Apr 28 j 05:36	0°♉	
evening rise	-1223 May 01 j 16:59	7°♉26'07	
	-1223 May 13 j 13:37	0°♊	
evening max el	-1223 May 30 j 07:41	22°♊22'34	26°09'15
desc. node	-1223 Jun 02 j 07:18	24°♊58'59	
retrograde	-1223 Jun 13 j 09:11	29°♊37'10	
evening set	-1223 Jun 19 j 15:24	28°♊00'49	
min. Earth dist.	-1223 Jun 23 j 20:35	25°♊21'55	0.59190 AU
inferior conj	-1223 Jun 27 j 04:52	22°♊49'20	-4°-37'-19
minimum elong	-1223 Jun 27 j 04:58	22°♊49'08	4°37'20
morning rise	-1223 Jul 04 j 22:09	18°♊19'16	
direct	-1223 Jul 07 j 09:30	17°♊58'14	
morning max el	-1223 Jul 15 j 05:29	21°♊42'53	18°27'38
asc. node	-1223 Jul 19 j 18:35	27°♊07'35	
	-1223 Jul 21 j 16:49	0°♋	
morning set	-1223 Jul 31 j 07:39	17°♋17'28	
	-1223 Aug 06 j 23:06	0°♌	
superior conj	-1223 Aug 09 j 10:18	4°♌36'39	1°43'59
minimum elong	-1223 Aug 09 j 12:22	4°♌46'12	1°43'55
max. Earth dist.	-1223 Aug 16 j 19:13	17°♌50'01	1.40157 AU
evening rise	-1223 Aug 21 j 06:07	25°♌24'06	
	-1223 Aug 24 j 01:13	0°♍	
desc. node	-1223 Aug 29 j 06:38	8°♍17'59	
	-1223 Sep 13 j 04:18	0°♎	
evening max el	-1223 Sep 25 j 00:06	14°♎15'17	23°35'49
retrograde	-1223 Oct 05 j 14:34	20°♎30'48	
evening set	-1223 Oct 10 j 15:15	18°♎26'10	
min. Earth dist.	-1223 Oct 15 j 14:15	12°♎39'02	0.67538 AU
asc. node	-1223 Oct 15 j 17:46	12°♎26'59	
inferior conj	-1223 Oct 16 j 00:42	12°♎03'19	0°05'59
minimum elong	-1223 Oct 16 j 00:33	12°♎03'49	0°05'54
transit middle	-1223 Oct 16 j 00:33	12°♎03'49	0°05'54
transit begin	-1223 Oct 15 j 22:01	12°♎12'27	
transit end	-1223 Oct 16 j 03:05	11°♎55'10	
morning rise	-1223 Oct 21 j 09:56	5°♎52'17	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

direct	-1223 Oct 25 j 11:00	4°♎20'25	
morning max el	-1223 Nov 02 j 21:46	9°♎17'13	21°05'46
greatest brilliancy	-1223 Nov 08 j 09:56	15°♎41'23	-0.5m
	-1223 Nov 18 j 17:13	0°♏	
desc. node	-1223 Nov 25 j 05:57	9°♏43'21	
morning set	-1223 Dec 03 j 01:33	21°♏45'23	
	-1223 Dec 08 j 06:17	0°♐	
max. Earth dist.	-1223 Dec 11 j 04:24	4°♐43'54	1.42549 AU
superior conj	-1223 Dec 18 j 06:42	16°♐33'37	-1°-55'-22
minimum elong	-1223 Dec 18 j 03:15	16°♐18'59	1°55'14
	-1223 Dec 25 j 23:51	0°♑	
evening rise	-1223 Dec 29 j 20:15	6°♑53'19	
asc. node	-1222 Jan 11 j 17:06	28°♑37'21	
	-1222 Jan 12 j 17:29	0°♒	
evening max el	-1222 Jan 15 j 14:35	3°♒20'03	18°07'54
retrograde	-1222 Jan 22 j 06:20	6°♒45'50	
evening set	-1222 Jan 24 j 22:15	6°♒12'54	
inferior conj	-1222 Jan 31 j 13:14	1°♒10'57	3°53'49
minimum elong	-1222 Jan 31 j 13:36	1°♒10'03	3°53'47
	-1222 Feb 01 j 18:11	30°℞♑	
min. Earth dist.	-1222 Feb 03 j 14:46	28°♑13'01	0.61456 AU
morning rise	-1222 Feb 07 j 02:27	25°♑21'27	
direct	-1222 Feb 14 j 00:45	22°♑57'28	
desc. node	-1222 Feb 21 j 05:08	25°♑12'40	
	-1222 Feb 27 j 08:24	0°♒	
morning max el	-1222 Feb 28 j 03:12	0°♒45'28	27°42'02
	-1222 Mar 21 j 08:45	0°♓	
morning set	-1222 Apr 01 j 20:12	21°♓36'45	
	-1222 Apr 05 j 20:13	0°♈	
max. Earth dist.	-1222 Apr 07 j 21:34	4°♈25'59	1.32571 AU
superior conj	-1222 Apr 09 j 04:38	7°♈14'57	0°-5'-12
minimum elong	-1222 Apr 09 j 04:52	7°♈16'15	0°05'08
behind sun begin	-1222 Apr 09 j 00:02	6°♈49'53	
behind sun end	-1222 Apr 09 j 09:43	7°♈42'38	
asc. node	-1222 Apr 09 j 16:26	8°♈19'19	
evening rise	-1222 Apr 16 j 04:15	22°♈21'56	
	-1222 Apr 19 j 21:18	0°♉	
	-1222 May 08 j 19:29	0°♊	
evening max el	-1222 May 12 j 01:03	3°♊23'16	24°49'07
desc. node	-1222 May 20 j 04:20	9°♊09'58	
retrograde	-1222 May 26 j 00:40	10°♊28'25	
evening set	-1222 May 31 j 01:44	9°♊30'36	
min. Earth dist.	-1222 Jun 05 j 12:47	6°♊38'47	0.57256 AU
inferior conj	-1222 Jun 08 j 11:22	4°♊42'32	-4°-19'-25
minimum elong	-1222 Jun 08 j 07:08	4°♊49'34	4°18'52
morning rise	-1222 Jun 16 j 16:24	0°♊33'23	
direct	-1222 Jun 19 j 05:35	0°♊14'49	
morning max el	-1222 Jun 28 j 06:28	4°♊27'30	19°14'54
asc. node	-1222 Jul 06 j 15:40	15°♊30'31	
	-1222 Jul 14 j 11:46	0°♋	
morning set	-1222 Jul 15 j 06:09	1°♋31'01	
superior conj	-1222 Jul 23 j 13:01	17°♋56'17	1°47'52
minimum elong	-1222 Jul 23 j 12:56	17°♋55'52	1°47'54
	-1222 Jul 29 j 22:24	0°♌	
max. Earth dist.	-1222 Jul 29 j 22:05	29°♋58'32	1.38163 AU
evening rise	-1222 Aug 02 j 18:46	6°♌53'22	
desc. node	-1222 Aug 16 j 03:40	28°♌43'57	
	-1222 Aug 16 j 23:47	0°♍	
evening max el	-1222 Sep 07 j 11:49	27°♍49'05	24°54'13
	-1222 Sep 09 j 20:17	0°♎	
retrograde	-1222 Sep 19 j 03:14	4°♎35'08	
evening set	-1222 Sep 24 j 18:51	2°♎12'31	
	-1222 Sep 26 j 23:22	30°℞♍	
min. Earth dist.	-1222 Sep 29 j 08:58	27°♍00'22	0.67201 AU
inferior conj	-1222 Sep 30 j 06:00	25°♍50'53	0°-48'-47
minimum elong	-1222 Sep 30 j 07:11	25°♍46'55	0°48'18
asc. node	-1222 Oct 02 j 14:49	22°♍50'25	
morning rise	-1222 Oct 05 j 19:58	19°♍46'47	
direct	-1222 Oct 09 j 08:51	18°♍34'35	
morning max el	-1222 Oct 16 j 22:05	22°♍54'56	19°55'55
	-1222 Oct 22 j 19:38	0°♎	
greatest brilliancy	-1222 Oct 24 j 10:17	2°♎11'54	-0.6m
morning set	-1222 Nov 11 j 22:31	29°♎55'12	
	-1222 Nov 11 j 23:45	0°♏	
desc. node	-1222 Nov 12 j 03:00	0°♏12'33	
max. Earth dist.	-1222 Nov 23 j 15:39	18°♏17'26	1.44010 AU
superior conj	-1222 Nov 28 j 14:10	26°♏14'08	-1°-34'-16
minimum elong	-1222 Nov 28 j 06:44	25°♏44'00	1°33'40
	-1222 Nov 30 j 21:31	0°♐	
evening rise	-1222 Dec 11 j 23:42	18°♐36'13	
	-1222 Dec 18 j 16:11	0°♑	
asc. node	-1222 Dec 29 j 14:07	16°♑02'05	
evening max el	-1222 Dec 30 j 03:06	16°♑35'57	18°15'10
retrograde	-1221 Jan 05 j 15:08	20°♑05'46	
evening set	-1221 Jan 08 j 11:07	19°♑23'42	
inferior conj	-1221 Jan 14 j 15:41	14°♑01'06	3°48'51
minimum elong	-1221 Jan 14 j 14:09	14°♑05'19	3°48'41
min. Earth dist.	-1221 Jan 17 j 03:13	11°♑18'30	0.63356 AU
morning rise	-1221 Jan 20 j 15:30	8°♑00'31	
direct	-1221 Jan 27 j 15:27	5°♑15'37	
desc. node	-1221 Feb 08 j 02:12	10°♑53'07	
morning max el	-1221 Feb 10 j 10:21	13°♑04'39	27°40'47
	-1221 Feb 24 j 01:01	0°♒	
	-1221 Mar 13 j 19:51	0°♓	
morning set	-1221 Mar 16 j 19:27	5°♓50'54	
max. Earth dist.	-1221 Mar 22 j 03:46	16°♓51'59	1.33116 AU
superior conj	-1221 Mar 24 j 12:47	21°♓55'59	0°-31'-28
minimum elong	-1221 Mar 24 j 14:15	22°♓03'56	0°31'10
asc. node	-1221 Mar 27 j 13:29	28°♓27'58	
	-1221 Mar 28 j 06:33	0°♈	
evening rise	-1221 Mar 31 j 16:00	7°♈14'56	
	-1221 Apr 12 j 18:25	0°♉	
evening max el	-1221 Apr 23 j 16:01	14°♉00'53	23°15'21
retrograde	-1221 May 07 j 03:44	20°♉43'33	
desc. node	-1221 May 07 j 01:22	20°♉43'32	
evening set	-1221 May 10 j 18:57	20°♉14'36	
min. Earth dist.	-1221 May 18 j 02:02	16°♉56'40	0.55776 AU
inferior conj	-1221 May 19 j 22:03	15°♉52'03	-3°-19'-28
minimum elong	-1221 May 19 j 15:11	16°♉02'10	3°17'42
morning rise	-1221 May 28 j 14:41	11°♉56'32	
direct	-1221 May 31 j 06:41	11°♉39'17	
morning max el	-1221 Jun 10 j 21:19	16°♉34'07	20°22'52
	-1221 Jun 20 j 23:43	0°♊	
asc. node	-1221 Jun 23 j 12:44	4°♊29'54	
morning set	-1221 Jun 29 j 11:07	16°♊05'37	
	-1221 Jul 06 j 05:41	0°♋	
superior conj	-1221 Jul 07 j 04:27	1°♋55'33	1°43'23
minimum elong	-1221 Jul 07 j 02:51	1°♋47'30	1°43'19
max. Earth dist.	-1221 Jul 12 j 04:02	11°♋47'39	1.36321 AU
evening rise	-1221 Jul 16 j 05:26	19°♋27'16	
	-1221 Jul 22 j 03:48	0°♌	
desc. node	-1221 Aug 03 j 00:41	18°♌52'52	
	-1221 Aug 11 j 01:18	0°♍	
evening max el	-1221 Aug 20 j 23:03	11°♍23'51	26°03'18
retrograde	-1221 Sep 02 j 11:15	18°♍31'13	
evening set	-1221 Sep 08 j 17:32	15°♍53'48	
min. Earth dist.	-1221 Sep 12 j 23:25	11°♍18'51	0.66531 AU
inferior conj	-1221 Sep 14 j 07:54	9°♍37'08	-1°-43'-53

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1221 Sep 14 j 10:28	9°♍29'06	1°42'52
asc. node	-1221 Sep 19 j 11:53	4°♍09'53	
morning rise	-1221 Sep 20 j 04:16	3°♍43'00	
direct	-1221 Sep 23 j 07:06	2°♍47'10	
morning max el	-1221 Sep 30 j 05:30	6°♍40'52	19°00'26
	-1221 Oct 16 j 17:40	0°♎	
morning set	-1221 Oct 22 j 08:30	8°♎49'41	
desc. node	-1221 Oct 30 j 00:01	20°♎50'44	
	-1221 Nov 04 j 19:52	0°♏	
max. Earth dist.	-1221 Nov 06 j 08:05	2°♏22'35	1.44826 AU
superior conj	-1221 Nov 07 j 21:48	4°♏51'14	0°-55'-43
minimum elong	-1221 Nov 07 j 15:01	4°♏24'29	0°54'55
evening rise	-1221 Nov 23 j 04:49	29°♏21'03	
	-1221 Nov 23 j 14:24	0°♐	
evening max el	-1221 Dec 13 j 14:48	29°♐59'07	18°40'53
	-1221 Dec 13 j 15:09	0°♑	
asc. node	-1221 Dec 16 j 11:08	2°♑24'48	
retrograde	-1221 Dec 20 j 07:22	3°♑43'47	
evening set	-1221 Dec 23 j 08:25	2°♑51'21	
	-1221 Dec 26 j 18:21	30°℞♐	
inferior conj	-1221 Dec 29 j 05:16	27°♐10'35	3°27'50
minimum elong	-1221 Dec 29 j 02:40	27°♐18'25	3°27'20
min. Earth dist.	-1221 Dec 31 j 01:36	24°♐57'20	0.64927 AU
morning rise	-1220 Jan 03 j 19:46	21°♐02'27	
direct	-1220 Jan 10 j 13:12	18°♐11'25	
morning max el	-1220 Jan 23 j 20:01	25°♐53'58	27°05'39
desc. node	-1220 Jan 25 j 23:15	28°♐07'43	
	-1220 Jan 27 j 15:24	0°♑	
	-1220 Feb 17 j 13:25	0°♒	
morning set	-1220 Feb 28 j 09:21	19°♒33'05	
max. Earth dist.	-1220 Mar 04 j 00:41	28°♒45'46	1.34081 AU
	-1220 Mar 04 j 15:14	0°♓	
superior conj	-1220 Mar 07 j 16:16	6°♓18'43	0°-57'-25
minimum elong	-1220 Mar 07 j 18:55	6°♓32'35	0°56'57
asc. node	-1220 Mar 13 j 10:31	18°♓29'27	
evening rise	-1220 Mar 15 j 02:27	21°♓58'59	
	-1220 Mar 19 j 01:06	0°♈	
evening max el	-1220 Apr 04 j 11:32	24°♈45'34	21°42'39
	-1220 Apr 12 j 09:42	0°♉	
retrograde	-1220 Apr 16 j 20:18	0°♉46'37	
evening set	-1220 Apr 19 j 10:01	0°♉31'44	
	-1220 Apr 21 j 11:08	30°℞♈	
desc. node	-1220 Apr 22 j 22:24	29°♈27'46	
inferior conj	-1220 Apr 28 j 19:00	26°♈28'58	-1°-38'-31
minimum elong	-1220 Apr 28 j 14:28	26°♈35'19	1°36'59
min. Earth dist.	-1220 Apr 28 j 15:18	26°♈34'10	0.55067 AU
morning rise	-1220 May 07 j 19:49	22°♈31'06	
direct	-1220 May 10 j 18:51	22°♈11'48	
morning max el	-1220 May 23 j 01:19	27°♈59'14	21°49'12
	-1220 May 25 j 01:29	0°♉	
asc. node	-1220 Jun 09 j 09:48	23°♉56'48	
	-1220 Jun 12 j 09:38	0°♊	
morning set	-1220 Jun 12 j 20:18	0°♊55'10	
superior conj	-1220 Jun 20 j 04:47	16°♊23'14	1°32'28
minimum elong	-1220 Jun 20 j 02:24	16°♊10'47	1°32'14
max. Earth dist.	-1220 Jun 23 j 18:04	23°♊43'19	1.34798 AU
	-1220 Jun 26 j 21:31	0°♋	
evening rise	-1220 Jun 28 j 09:11	2°♋53'17	
	-1220 Jul 14 j 01:03	0°♌	
desc. node	-1220 Jul 19 j 21:41	8°♌37'18	
evening max el	-1220 Aug 02 j 10:39	24°♌54'09	26°55'11
	-1220 Aug 08 j 19:51	0°♍	
retrograde	-1220 Aug 15 j 14:12	2°♍12'37	
	-1220 Aug 21 j 16:14	30°℞♌	
evening set	-1220 Aug 22 j 09:02	29°♌27'18	
min. Earth dist.	-1220 Aug 26 j 07:23	25°♌30'13	0.65507 AU
inferior conj	-1220 Aug 28 j 04:26	23°♌19'13	-2°-37'-17
minimum elong	-1220 Aug 28 j 08:11	23°♌08'17	2°35'58
morning rise	-1220 Sep 03 j 08:41	17°♌38'07	
asc. node	-1220 Sep 05 j 08:58	16°♌58'25	
direct	-1220 Sep 06 j 03:52	16°♌54'59	
morning max el	-1220 Sep 12 j 18:04	20°♌31'06	18°20'59
	-1220 Sep 20 j 00:17	0°♍	
morning set	-1220 Oct 01 j 21:30	19°♍04'53	
	-1220 Oct 08 j 14:58	0°♎	
desc. node	-1220 Oct 15 j 21:01	11°♎34'27	
superior conj	-1220 Oct 16 j 22:10	13°♎13'54	0°-6'-49
minimum elong	-1220 Oct 16 j 21:17	13°♎10'23	0°06'43
behind sun begin	-1220 Oct 16 j 11:01	12°♎29'46	
behind sun end	-1220 Oct 17 j 07:34	13°♎50'59	
max. Earth dist.	-1220 Oct 19 j 02:17	16°♎39'24	1.44917 AU
	-1220 Oct 27 j 14:25	0°♏	
evening rise	-1220 Nov 02 j 09:48	9°♏05'47	
	-1220 Nov 15 j 21:13	0°♐	
greatest brilliancy	-1220 Nov 16 j 19:12	1°♐22'08	-0.7m
evening max el	-1220 Nov 25 j 23:23	13°♐25'29	19°23'41
asc. node	-1220 Dec 02 j 08:10	17°♐30'13	
retrograde	-1220 Dec 03 j 03:31	17°♐33'54	
evening set	-1220 Dec 06 j 11:22	16°♐29'15	
inferior conj	-1220 Dec 12 j 02:43	10°♐33'17	2°55'23
minimum elong	-1220 Dec 11 j 23:48	10°♐42'39	2°54'34
min. Earth dist.	-1220 Dec 13 j 08:46	8°♐56'23	0.66127 AU
morning rise	-1220 Dec 17 j 11:26	4°♐20'17	
direct	-1220 Dec 23 j 17:10	1°♐36'06	
morning max el	-1219 Jan 05 j 05:24	8°♐59'35	26°03'34
desc. node	-1219 Jan 11 j 20:16	16°♐28'35	
	-1219 Jan 21 j 19:01	0°♑	
	-1219 Feb 09 j 01:06	0°♒	
morning set	-1219 Feb 10 j 09:39	2°♒29'42	
max. Earth dist.	-1219 Feb 14 j 09:35	10°♒04'15	1.35503 AU
superior conj	-1219 Feb 19 j 12:38	20°♒14'53	-1°-21'-36
minimum elong	-1219 Feb 19 j 16:06	20°♒32'31	1°21'09
	-1219 Feb 24 j 06:33	0°♓	
evening rise	-1219 Feb 27 j 09:37	6°♓26'50	
asc. node	-1219 Feb 28 j 07:32	8°♓18'33	
	-1219 Mar 12 j 14:14	0°♈	
evening max el	-1219 Mar 17 j 16:52	5°♈59'42	20°21'52
retrograde	-1219 Mar 28 j 10:06	11°♈07'33	
evening set	-1219 Mar 30 j 14:22	10°♈55'45	
inferior conj	-1219 Apr 08 j 14:55	6°♈57'56	0°20'10
minimum elong	-1219 Apr 08 j 15:50	6°♈56'35	0°19'50
desc. node	-1219 Apr 09 j 19:26	6°♈15'59	
min. Earth dist.	-1219 Apr 10 j 05:20	6°♈01'32	0.55310 AU
morning rise	-1219 Apr 17 j 15:03	2°♈38'57	
direct	-1219 Apr 21 j 07:34	2°♈09'18	
morning max el	-1219 May 04 j 20:10	8°♈47'09	23°27'35
	-1219 May 20 j 05:09	0°♉	
asc. node	-1219 May 27 j 06:51	13°♉42'56	
morning set	-1219 May 28 j 07:45	15°♉52'37	
	-1219 Jun 03 j 22:09	0°♊	
superior conj	-1219 Jun 04 j 11:00	1°♊08'54	1°16'36
minimum elong	-1219 Jun 04 j 08:27	0°♊55'17	1°16'14
max. Earth dist.	-1219 Jun 06 j 17:46	6°♊00'37	1.33654 AU
evening rise	-1219 Jun 12 j 01:20	16°♊56'54	
	-1219 Jun 18 j 22:10	0°♋	
desc. node	-1219 Jul 06 j 18:43	27°♋46'23	
	-1219 Jul 08 j 12:48	0°♌	
evening max el	-1219 Jul 15 j 21:54	8°♌09'52	27°22'39

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

retrograde	-1219 Jul 29 j 11:32	15°♌30'51	
evening set	-1219 Aug 05 j 14:27	12°♌48'07	
min. Earth dist.	-1219 Aug 09 j 06:47	9°♌26'38	0.64112 AU
inferior conj	-1219 Aug 11 j 17:09	6°♌52'14	-3°-26'-17
minimum elong	-1219 Aug 11 j 21:35	6°♌40'28	3°25'03
morning rise	-1219 Aug 18 j 06:35	1°♌27'21	
direct	-1219 Aug 20 j 20:40	0°♌53'26	
asc. node	-1219 Aug 23 j 06:02	1°♌22'36	
morning max el	-1219 Aug 27 j 09:16	4°♌20'16	17°58'47
	-1219 Sep 13 j 04:37	0°♍	
morning set	-1219 Sep 13 j 13:48	0°♍39'18	
superior conj	-1219 Sep 26 j 13:23	22°♍23'36	0°39'51
minimum elong	-1219 Sep 26 j 17:35	22°♍40'43	0°39'18
	-1219 Oct 01 j 06:40	0°♎	
max. Earth dist.	-1219 Oct 01 j 19:40	0°♎51'47	1.44289 AU
desc. node	-1219 Oct 02 j 18:02	2°♎20'43	
evening rise	-1219 Oct 12 j 20:08	18°♎06'21	
	-1219 Oct 20 j 14:55	0°♏	
greatest brilliancy	-1219 Nov 02 j 17:34	19°♏06'34	-0.6m
evening max el	-1219 Nov 09 j 03:10	26°♏53'13	20°21'33
	-1219 Nov 12 j 17:33	0°♐	
retrograde	-1219 Nov 17 j 00:59	1°♐32'37	
asc. node	-1219 Nov 19 j 05:13	1°♐05'28	
evening set	-1219 Nov 20 j 17:42	0°♐13'29	
	-1219 Nov 21 j 00:56	30°℞♏	
inferior conj	-1219 Nov 26 j 05:24	24°♏05'27	2°14'38
minimum elong	-1219 Nov 26 j 02:47	24°♏14'19	2°13'44
min. Earth dist.	-1219 Nov 26 j 22:42	23°♏07'08	0.66955 AU
morning rise	-1219 Dec 01 j 11:19	17°♏49'59	
direct	-1219 Dec 07 j 02:32	15°♏22'02	
morning max el	-1219 Dec 18 j 13:47	22°♏12'09	24°43'59
	-1219 Dec 25 j 09:51	0°♐	
desc. node	-1219 Dec 29 j 17:18	5°♐36'27	
	-1218 Jan 15 j 02:21	0°♑	
morning set	-1218 Jan 23 j 14:59	14°♑25'22	
max. Earth dist.	-1218 Jan 27 j 08:13	21°♑06'37	1.37341 AU
	-1218 Feb 01 j 02:01	0°♒	
superior conj	-1218 Feb 02 j 22:45	3°♒36'03	-1°-42'-3
minimum elong	-1218 Feb 03 j 02:17	3°♒53'19	1°41'45
evening rise	-1218 Feb 11 j 11:17	20°♒32'18	
asc. node	-1218 Feb 15 j 04:33	27°♒50'14	
	-1218 Feb 16 j 07:55	0°♓	
evening max el	-1218 Feb 28 j 09:16	17°♓51'30	19°18'47
retrograde	-1218 Mar 09 j 10:15	22°♓11'18	
evening set	-1218 Mar 11 j 15:52	21°♓56'38	
inferior conj	-1218 Mar 19 j 23:33	17°♓47'55	2°03'24
minimum elong	-1218 Mar 20 j 03:52	17°♓40'43	2°02'08
min. Earth dist.	-1218 Mar 22 j 20:15	15°♓54'25	0.56449 AU
desc. node	-1218 Mar 27 j 16:28	13°♓16'37	
morning rise	-1218 Mar 28 j 12:00	12°♓57'44	
direct	-1218 Apr 02 j 07:10	12°♓04'52	
morning max el	-1218 Apr 16 j 10:51	19°♓18'14	25°06'24
	-1218 Apr 25 j 10:51	0°♈	
	-1218 May 12 j 09:47	0°♉	
morning set	-1218 May 12 j 19:48	0°♉52'35	
asc. node	-1218 May 14 j 03:54	3°♉42'35	
superior conj	-1218 May 19 j 20:50	16°♉05'01	0°56'55
minimum elong	-1218 May 19 j 18:38	15°♉53'03	0°56'31
max. Earth dist.	-1218 May 21 j 01:30	18°♉40'49	1.32890 AU
	-1218 May 26 j 09:20	0°♊	
evening rise	-1218 May 27 j 02:10	1°♊26'41	
	-1218 Jun 11 j 20:59	0°♋	
desc. node	-1218 Jun 23 j 15:45	16°♋05'08	
evening max el	-1218 Jun 28 j 06:33	20°♋57'42	27°19'49
retrograde	-1218 Jul 12 j 02:17	28°♋16'45	
evening set	-1218 Jul 19 j 06:06	25°♋49'41	
min. Earth dist.	-1218 Jul 22 j 20:07	22°♋56'26	0.62373 AU
inferior conj	-1218 Jul 25 j 19:07	20°♋09'10	-4°-6'-51
minimum elong	-1218 Jul 25 j 23:13	19°♋59'29	4°06'06
morning rise	-1218 Aug 01 j 18:49	15°♋03'51	
direct	-1218 Aug 04 j 06:18	14°♋36'20	
asc. node	-1218 Aug 10 j 03:06	17°♋12'57	
morning max el	-1218 Aug 11 j 00:18	18°♋02'00	17°54'46
	-1218 Aug 19 j 14:48	0°♌	
morning set	-1218 Aug 27 j 03:51	13°♌16'17	
	-1218 Sep 05 j 14:59	0°♍	
superior conj	-1218 Sep 07 j 07:14	2°♍52'36	1°15'14
minimum elong	-1218 Sep 07 j 12:23	3°♍14'32	1°14'41
max. Earth dist.	-1218 Sep 14 j 09:40	14°♍42'52	1.43024 AU
desc. node	-1218 Sep 19 j 15:04	23°♍06'12	
evening rise	-1218 Sep 22 j 03:11	27°♍02'23	
	-1218 Sep 24 j 00:54	0°♎	
	-1218 Oct 14 j 12:25	0°♏	
greatest brilliancy	-1218 Oct 18 j 01:13	4°♏36'14	-0.4m
evening max el	-1218 Oct 23 j 01:04	10°♏20'51	21°31'32
retrograde	-1218 Oct 31 j 21:46	15°♏36'45	
evening set	-1218 Nov 05 j 01:30	14°♏00'52	
asc. node	-1218 Nov 06 j 02:17	13°♏06'55	
inferior conj	-1218 Nov 10 j 11:09	7°♏44'06	1°27'50
minimum elong	-1218 Nov 10 j 09:15	7°♏50'38	1°27'04
min. Earth dist.	-1218 Nov 10 j 17:02	7°♏23'48	0.67437 AU
morning rise	-1218 Nov 15 j 16:44	1°♏28'28	
	-1218 Nov 17 j 21:53	30°℞♎	
direct	-1218 Nov 20 j 16:30	29°♎21'50	
	-1218 Nov 23 j 15:51	0°♏	
morning max el	-1218 Nov 30 j 22:55	5°♏28'31	23°16'52
greatest brilliancy	-1218 Dec 06 j 03:39	11°♏19'07	-0.3m
desc. node	-1218 Dec 16 j 14:20	25°♏17'21	
	-1218 Dec 19 j 20:16	0°♐	
morning set	-1217 Jan 04 j 18:58	25°♐03'01	
	-1217 Jan 07 j 17:01	0°♑	
max. Earth dist.	-1217 Jan 09 j 03:30	2°♑28'57	1.39426 AU
superior conj	-1217 Jan 16 j 18:25	16°♑10'24	-1°-55'-59
minimum elong	-1217 Jan 16 j 20:41	16°♑20'56	1°55'55
	-1217 Jan 24 j 01:19	0°♒	
evening rise	-1217 Jan 26 j 04:43	4°♒07'47	
asc. node	-1217 Feb 02 j 01:35	16°♒57'48	
	-1217 Feb 11 j 04:07	0°♓	
evening max el	-1217 Feb 11 j 10:55	0°♓16'43	18°35'32
retrograde	-1217 Feb 19 j 04:51	4°♓03'32	
evening set	-1217 Feb 21 j 14:33	3°♓42'57	
	-1217 Feb 28 j 04:45	30°℞♒	
inferior conj	-1217 Mar 01 j 04:16	29°♒14'52	3°12'30
minimum elong	-1217 Mar 01 j 08:15	29°♒07'06	3°11'42
min. Earth dist.	-1217 Mar 04 j 13:42	26°♒38'14	0.58211 AU
morning rise	-1217 Mar 08 j 22:07	23°♒55'11	
direct	-1217 Mar 14 j 19:49	22°♒27'25	
desc. node	-1217 Mar 14 j 13:30	22°♒27'36	
morning max el	-1217 Mar 29 j 03:37	0°♓01'22	26°30'33
	-1217 Mar 29 j 03:04	0°♓	
	-1217 Apr 19 j 05:48	0°♈	
morning set	-1217 Apr 27 j 06:50	15°♈49'19	
asc. node	-1217 May 01 j 00:57	23°♈50'53	
	-1217 May 03 j 20:30	0°♉	
superior conj	-1217 May 04 j 08:24	1°♉05'19	0°34'21
minimum elong	-1217 May 04 j 06:56	0°♉57'18	0°34'03
max. Earth dist.	-1217 May 04 j 13:47	1°♉34'48	1.32482 AU
evening rise	-1217 May 11 j 08:50	16°♉13'10	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1217 May 18 j 07:51	0°♊	
	-1217 Jun 07 j 09:35	0°♋	
evening max el	-1217 Jun 10 j 09:54	3°♋05'38	26°43'58
desc. node	-1217 Jun 10 j 12:47	3°♋12'29	
retrograde	-1217 Jun 24 j 09:34	10°♋22'10	
evening set	-1217 Jul 01 j 03:38	8°♋24'05	
min. Earth dist.	-1217 Jul 04 j 23:20	5°♋45'25	0.60382 AU
inferior conj	-1217 Jul 08 j 06:55	3°♋01'28	-4°-32'-42
minimum elong	-1217 Jul 08 j 09:03	2°♋57'05	4°32'34
	-1217 Jul 12 j 06:28	30°℞♊	
morning rise	-1217 Jul 15 j 17:38	28°♊18'28	
direct	-1217 Jul 18 j 04:41	27°♊55'24	
	-1217 Jul 23 j 18:20	0°♋	
morning max el	-1217 Jul 25 j 12:17	1°♋29'28	18°09'54
asc. node	-1217 Jul 28 j 00:10	4°♋14'35	
morning set	-1217 Aug 10 j 09:55	26°♋40'11	
	-1217 Aug 12 j 04:29	0°♌	
superior conj	-1217 Aug 20 j 03:32	14°♌40'45	1°37'03
minimum elong	-1217 Aug 20 j 06:57	14°♌56'06	1°36'49
max. Earth dist.	-1217 Aug 27 j 18:13	27°♌56'49	1.41284 AU
	-1217 Aug 28 j 23:32	0°♍	
evening rise	-1217 Sep 02 j 01:01	6°♍41'10	
desc. node	-1217 Sep 06 j 12:08	13°♍47'48	
	-1217 Sep 17 j 05:53	0°♎	
greatest brilliancy	-1217 Sep 30 j 17:11	18°♎12'36	-0.3m
evening max el	-1217 Oct 05 j 17:27	23°♎49'29	22°49'24
retrograde	-1217 Oct 15 j 16:22	29°♎44'04	
evening set	-1217 Oct 20 j 09:01	27°♎49'53	
asc. node	-1217 Oct 23 j 23:20	23°♎53'15	
inferior conj	-1217 Oct 25 j 18:07	21°♎27'59	0°36'44
minimum elong	-1217 Oct 25 j 17:16	21°♎30'56	0°36'21
min. Earth dist.	-1217 Oct 25 j 13:29	21°♎44'01	0.67595 AU
morning rise	-1217 Oct 31 j 01:29	15°♎14'36	
direct	-1217 Nov 04 j 10:21	13°♎30'34	
morning max el	-1217 Nov 13 j 12:09	18°♎51'43	21°51'20
greatest brilliancy	-1217 Nov 18 j 08:23	24°♎21'24	-0.4m
	-1217 Nov 22 j 16:52	0°♏	
desc. node	-1217 Dec 03 j 11:24	15°♏22'12	
	-1217 Dec 13 j 01:00	0°♐	
morning set	-1217 Dec 15 j 17:51	4°♐16'50	
max. Earth dist.	-1217 Dec 22 j 02:47	14°♐39'59	1.41487 AU
superior conj	-1217 Dec 29 j 18:28	27°♐45'13	-1°-59'-38
minimum elong	-1217 Dec 29 j 17:35	27°♐41'22	1°59'39
	-1217 Dec 31 j 01:01	0°♑	
evening rise	-1216 Jan 09 j 10:39	17°♑05'55	
	-1216 Jan 16 j 13:41	0°♒	
asc. node	-1216 Jan 19 j 22:38	5°♒33'32	
evening max el	-1216 Jan 25 j 19:05	13°♒07'40	18°12'20
retrograde	-1216 Feb 01 j 17:28	16°♒37'21	
evening set	-1216 Feb 04 j 07:05	16°♒09'20	
inferior conj	-1216 Feb 11 j 05:24	11°♒19'43	3°46'56
minimum elong	-1216 Feb 11 j 07:09	11°♒15'45	3°46'46
min. Earth dist.	-1216 Feb 14 j 12:40	8°♒22'17	0.60260 AU
morning rise	-1216 Feb 18 j 04:08	5°♒38'30	
direct	-1216 Feb 24 j 20:25	3°♒32'59	
desc. node	-1216 Feb 29 j 10:33	4°♒28'07	
morning max el	-1216 Mar 10 j 02:16	11°♒18'26	27°26'16
	-1216 Mar 24 j 17:15	0°♓	
	-1216 Apr 10 j 08:05	0°♈	
morning set	-1216 Apr 10 j 14:58	0°♈35'38	
asc. node	-1216 Apr 16 j 21:59	14°♈02'42	
max. Earth dist.	-1216 Apr 17 j 02:41	14°♈28'25	1.32425 AU
superior conj	-1216 Apr 17 j 19:57	16°♈02'55	0°09'41
minimum elong	-1216 Apr 17 j 19:31	16°♈00'31	0°09'36
behind sun begin	-1216 Apr 17 j 15:30	15°♈38'29	
behind sun end	-1216 Apr 17 j 23:32	16°♈22'33	
	-1216 Apr 24 j 06:11	0°♉	
evening rise	-1216 Apr 24 j 18:57	1°♉07'32	
	-1216 May 10 j 14:35	0°♊	
evening max el	-1216 May 22 j 06:23	14°♊28'20	25°37'43
desc. node	-1216 May 27 j 09:49	18°♊38'27	
retrograde	-1216 Jun 05 j 07:50	21°♊40'38	
evening set	-1216 Jun 11 j 03:04	20°♊20'41	
min. Earth dist.	-1216 Jun 15 j 18:32	17°♊38'26	0.58336 AU
inferior conj	-1216 Jun 19 j 00:53	15°♊18'33	-4°-34'-17
minimum elong	-1216 Jun 18 j 23:11	15°♊21'36	4°34'12
morning rise	-1216 Jun 26 j 23:11	10°♊58'16	
direct	-1216 Jun 29 j 11:11	10°♊38'26	
morning max el	-1216 Jul 07 j 18:12	14°♊32'58	18°45'11
asc. node	-1216 Jul 13 j 21:14	22°♊11'39	
	-1216 Jul 18 j 12:47	0°♋	
morning set	-1216 Jul 24 j 03:24	10°♋38'01	
superior conj	-1216 Aug 01 j 20:46	27°♋31'46	1°46'48
minimum elong	-1216 Aug 01 j 21:51	27°♋36'55	1°46'47
	-1216 Aug 03 j 04:17	0°♌	
max. Earth dist.	-1216 Aug 08 j 21:33	10°♌24'59	1.39305 AU
evening rise	-1216 Aug 12 j 23:12	17°♌28'47	
	-1216 Aug 20 j 14:22	0°♍	
desc. node	-1216 Aug 23 j 09:11	4°♍20'48	
	-1216 Sep 10 j 16:56	0°♎	
evening max el	-1216 Sep 17 j 06:01	7°♎20'38	24°09'42
retrograde	-1216 Sep 28 j 07:38	13°♎50'48	
evening set	-1216 Oct 03 j 14:35	11°♎38'09	
min. Earth dist.	-1216 Oct 08 j 09:35	6°♎05'34	0.67434 AU
inferior conj	-1216 Oct 09 j 00:32	5°♎15'03	0°-17'-7
minimum elong	-1216 Oct 09 j 00:57	5°♎13'39	0°16'58
asc. node	-1216 Oct 09 j 20:23	4°♎08'24	
	-1216 Oct 13 j 09:47	30°℞♍	
morning rise	-1216 Oct 14 j 11:35	29°♍06'37	
direct	-1216 Oct 18 j 07:07	27°♍43'41	
	-1216 Oct 23 j 16:11	0°♎	
morning max el	-1216 Oct 26 j 08:09	2°♎24'15	20°34'23
greatest brilliancy	-1216 Nov 01 j 13:25	9°♎48'10	-0.5m
	-1216 Nov 15 j 13:50	0°♏	
desc. node	-1216 Nov 19 j 08:28	5°♏44'17	
morning set	-1216 Nov 23 j 18:24	12°♏32'21	
max. Earth dist.	-1216 Dec 03 j 09:14	27°♏44'47	1.43233 AU
	-1216 Dec 04 j 18:39	0°♐	
superior conj	-1216 Dec 09 j 17:37	8°♐09'13	-1°-48'-38
minimum elong	-1216 Dec 09 j 12:14	7°♐46'47	1°48'20
evening rise	-1216 Dec 22 j 01:04	29°♐19'00	
	-1216 Dec 22 j 10:23	0°♑	
asc. node	-1215 Jan 05 j 19:40	23°♑28'00	
evening max el	-1215 Jan 08 j 06:52	26°♑17'02	18°08'44
retrograde	-1215 Jan 14 j 20:07	29°♑43'19	
evening set	-1215 Jan 17 j 13:34	29°♑06'48	
inferior conj	-1215 Jan 23 j 23:47	23°♑56'04	3°54'02
minimum elong	-1215 Jan 23 j 23:14	23°♑57'27	3°54'00
min. Earth dist.	-1215 Jan 26 j 19:51	21°♑02'02	0.62287 AU
morning rise	-1215 Jan 30 j 06:44	18°♑01'04	
direct	-1215 Feb 06 j 06:54	15°♑26'06	
desc. node	-1215 Feb 15 j 07:36	18°♑59'00	
morning max el	-1215 Feb 20 j 06:51	23°♑16'24	27°46'02
	-1215 Feb 26 j 07:35	0°♒	
	-1215 Mar 17 j 21:57	0°♓	
morning set	-1215 Mar 25 j 18:11	15°♓04'16	
max. Earth dist.	-1215 Mar 31 j 12:17	27°♓07'34	1.32742 AU
	-1215 Apr 01 j 20:14	0°♈	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1215 Apr 02 j 05:52	0°♈52'09	0°-16'-17
minimum elong	-1215 Apr 02 j 06:38	0°♈56'16	0°16'07
asc. node	-1215 Apr 03 j 19:02	4°♈14'01	
evening rise	-1215 Apr 09 j 06:37	16°♈03'00	
	-1215 Apr 16 j 06:05	0°♉	
evening max el	-1215 May 03 j 21:56	25°♉16'13	24°10'09
	-1215 May 10 j 01:13	0°♊	
desc. node	-1215 May 14 j 06:48	1°♊46'44	
retrograde	-1215 May 17 j 18:38	2°♊14'39	
evening set	-1215 May 22 j 04:52	1°♊30'58	
	-1215 May 25 j 17:50	30°℞♉	
min. Earth dist.	-1215 May 28 j 09:22	28°♉29'13	0.56547 AU
inferior conj	-1215 May 30 j 22:43	26°♉53'22	-3°-59'-35
minimum elong	-1215 May 30 j 16:55	27°♉02'29	3°58'30
morning rise	-1215 Jun 08 j 08:49	22°♉51'18	
direct	-1215 Jun 10 j 22:42	22°♉33'40	
morning max el	-1215 Jun 20 j 15:10	27°♉03'00	19°41'15
	-1215 Jun 23 j 10:07	0°♊	
asc. node	-1215 Jun 30 j 18:18	10°♊51'32	
morning set	-1215 Jul 08 j 04:56	25°♊01'20	
	-1215 Jul 10 j 16:05	0°♋	
superior conj	-1215 Jul 16 j 05:25	11°♋10'01	1°46'52
minimum elong	-1215 Jul 16 j 04:37	11°♋05'59	1°46'51
max. Earth dist.	-1215 Jul 22 j 00:31	22°♋20'16	1.37354 AU
evening rise	-1215 Jul 25 j 21:49	29°♋27'29	
	-1215 Jul 26 j 05:05	0°♌	
desc. node	-1215 Aug 10 j 06:11	24°♌40'19	
	-1215 Aug 13 j 21:15	0°♍	
evening max el	-1215 Aug 30 j 17:18	20°♍55'21	25°25'12
retrograde	-1215 Sep 11 j 18:30	27°♍52'15	
evening set	-1215 Sep 17 j 16:20	25°♍22'56	
min. Earth dist.	-1215 Sep 22 j 02:55	20°♍26'06	0.66957 AU
inferior conj	-1215 Sep 23 j 04:39	19°♍02'45	-1°-12'-15
minimum elong	-1215 Sep 23 j 06:26	18°♍56'57	1°11'31
asc. node	-1215 Sep 26 j 17:27	14°♍50'02	
morning rise	-1215 Sep 28 j 21:07	13°♍02'14	
direct	-1215 Oct 02 j 05:23	11°♍57'28	
morning max el	-1215 Oct 09 j 11:34	16°♍05'40	19°30'17
greatest brilliancy	-1215 Oct 18 j 10:28	27°♍34'15	-0.7m
	-1215 Oct 20 j 02:18	0°♎	
morning set	-1215 Nov 02 j 18:04	20°♎53'18	
desc. node	-1215 Nov 06 j 05:31	26°♎17'50	
	-1215 Nov 08 j 14:27	0°♏	
max. Earth dist.	-1215 Nov 15 j 22:31	11°♏32'15	1.44442 AU
superior conj	-1215 Nov 19 j 13:51	17°♏19'42	-1°-19'-50
minimum elong	-1215 Nov 19 j 05:55	16°♏47'57	1°19'02
	-1215 Nov 27 j 09:37	0°♐	
evening rise	-1215 Dec 03 j 19:25	10°♐37'39	
	-1215 Dec 15 j 13:49	0°♑	
evening max el	-1215 Dec 22 j 19:23	9°♑36'58	18°24'00
asc. node	-1215 Dec 23 j 16:42	10°♑28'23	
retrograde	-1215 Dec 29 j 08:22	13°♑11'40	
evening set	-1214 Jan 01 j 06:22	12°♑25'23	
inferior conj	-1214 Jan 07 j 07:22	6°♑55'03	3°41'32
minimum elong	-1214 Jan 07 j 05:17	7°♑01'02	3°41'15
min. Earth dist.	-1214 Jan 09 j 12:32	4°♑23'27	0.64071 AU
morning rise	-1214 Jan 13 j 02:45	0°♑51'03	
	-1214 Jan 14 j 05:46	30°℞♐	
direct	-1214 Jan 20 j 00:56	28°♐01'25	
	-1214 Jan 26 j 09:49	0°♑	
desc. node	-1214 Feb 02 j 04:39	5°♑23'08	
morning max el	-1214 Feb 02 j 15:08	5°♑48'58	27°29'35
	-1214 Feb 21 j 02:33	0°♒	
morning set	-1214 Mar 09 j 13:48	29°♒05'39	
	-1214 Mar 10 j 00:48	0°♓	

max. Earth dist.	-1214 Mar 14 j 14:39	9°♓19'11	1.33468 AU
superior conj	-1214 Mar 17 j 12:16	15°♓26'03	0°-42'-35
minimum elong	-1214 Mar 17 j 14:15	15°♓36'40	0°42'12
asc. node	-1214 Mar 21 j 16:03	24°♓20'01	
	-1214 Mar 24 j 07:59	0°♈	
evening rise	-1214 Mar 24 j 17:59	0°♈52'33	
	-1214 Apr 10 j 09:11	0°♉	
evening max el	-1214 Apr 15 j 14:06	5°♉53'22	22°35'08
retrograde	-1214 Apr 28 j 16:18	12°♉19'57	
desc. node	-1214 May 01 j 03:48	12°♉06'24	
evening set	-1214 May 01 j 18:49	11°♉58'50	
min. Earth dist.	-1214 May 09 j 22:33	8°♉26'06	0.55363 AU
inferior conj	-1214 May 11 j 02:18	7°♉46'32	-2°-40'-50
minimum elong	-1214 May 10 j 19:47	7°♉55'51	2°38'54
morning rise	-1214 May 19 j 23:03	3°♉51'57	
direct	-1214 May 22 j 17:16	3°♉34'20	
morning max el	-1214 Jun 03 j 01:13	8°♉51'20	20°57'34
asc. node	-1214 Jun 17 j 15:22	0°♊03'37	
	-1214 Jun 17 j 14:36	0°♊	
morning set	-1214 Jun 22 j 11:57	9°♊43'06	
superior conj	-1214 Jun 30 j 01:01	25°♊22'29	1°39'26
minimum elong	-1214 Jun 29 j 23:01	25°♊12'09	1°39'18
	-1214 Jul 02 j 07:30	0°♋	
max. Earth dist.	-1214 Jul 04 j 09:36	4°♋10'08	1.35633 AU
evening rise	-1214 Jul 08 j 16:23	12°♋25'41	
	-1214 Jul 18 j 15:35	0°♌	
desc. node	-1214 Jul 28 j 03:10	14°♌40'06	
	-1214 Aug 08 j 22:18	0°♍	
evening max el	-1214 Aug 13 j 04:58	4°♍30'45	26°27'58
retrograde	-1214 Aug 26 j 00:22	11°♍43'22	
evening set	-1214 Sep 01 j 12:16	9°♍01'56	
min. Earth dist.	-1214 Sep 05 j 14:59	4°♍42'53	0.66143 AU
inferior conj	-1214 Sep 07 j 04:34	2°♍48'34	-2°-6'-51
minimum elong	-1214 Sep 07 j 07:40	2°♍39'06	2°05'41
	-1214 Sep 09 j 14:23	30°℞♌	
morning rise	-1214 Sep 13 j 04:05	26°♌59'20	
asc. node	-1214 Sep 13 j 14:31	26°♌45'47	
direct	-1214 Sep 16 j 03:27	26°♌09'10	
	-1214 Sep 22 j 23:41	0°♍	
morning max el	-1214 Sep 22 j 21:25	29°♌54'14	18°41'33
	-1214 Oct 13 j 09:33	0°♎	
morning set	-1214 Oct 13 j 14:57	0°♎21'32	
desc. node	-1214 Oct 24 j 02:32	16°♎59'09	
superior conj	-1214 Oct 29 j 15:46	25°♎43'36	0°-35'-31
minimum elong	-1214 Oct 29 j 11:07	25°♎25'21	0°34'56
max. Earth dist.	-1214 Oct 29 j 16:28	25°♎46'22	1.44964 AU
	-1214 Nov 01 j 08:56	0°♏	
evening rise	-1214 Nov 14 j 14:14	20°♏56'57	
	-1214 Nov 20 j 06:03	0°♐	
evening max el	-1214 Dec 06 j 06:06	23°♐02'33	18°57'05
asc. node	-1214 Dec 10 j 13:44	26°♐20'32	
retrograde	-1214 Dec 13 j 02:34	26°♐55'51	
evening set	-1214 Dec 16 j 06:24	25°♐58'18	
inferior conj	-1214 Dec 22 j 00:39	20°♐10'43	3°15'13
minimum elong	-1214 Dec 21 j 21:51	20°♐19'27	3°14'33
min. Earth dist.	-1214 Dec 23 j 14:42	18°♐12'37	0.65494 AU
morning rise	-1214 Dec 27 j 12:20	14°♐00'29	
direct	-1213 Jan 03 j 01:23	11°♐11'06	
morning max el	-1213 Jan 16 j 00:46	18°♐46'14	26°41'56
desc. node	-1213 Jan 20 j 01:43	23°♐08'47	
	-1213 Jan 25 j 14:05	0°♑	
	-1213 Feb 14 j 02:01	0°♒	
morning set	-1213 Feb 20 j 22:25	12°♒29'32	
max. Earth dist.	-1213 Feb 25 j 06:36	20°♒57'08	1.34638 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1213 Mar 01 j 13:02	29°♒38'14	-1°-8'00
minimum elong	-1213 Mar 01 j 16:05	29°♒54'04	1°07'31
	-1213 Mar 01 j 17:14	0°♓	
asc. node	-1213 Mar 08 j 13:04	14°♓16'43	
evening rise	-1213 Mar 09 j 03:16	15°♓30'22	
	-1213 Mar 16 j 13:12	0°♈	
evening max el	-1213 Mar 28 j 13:21	16°♈48'01	21°06'17
retrograde	-1213 Apr 09 j 05:45	22°♈26'30	
evening set	-1213 Apr 11 j 13:54	22°♈13'45	
desc. node	-1213 Apr 18 j 00:50	19°♈48'48	
inferior conj	-1213 Apr 20 j 20:50	18°♈15'17	0°-48'-14
minimum elong	-1213 Apr 20 j 18:33	18°♈18'31	0°47'26
min. Earth dist.	-1213 Apr 21 j 11:40	17°♈54'20	0.55054 AU
morning rise	-1213 Apr 29 j 22:45	14°♈10'55	
direct	-1213 May 03 j 04:06	13°♈48'25	
morning max el	-1213 May 16 j 00:40	19°♈57'51	22°30'18
	-1213 May 24 j 08:45	0°♉	
asc. node	-1213 Jun 04 j 12:24	19°♉39'19	
morning set	-1213 Jun 06 j 22:18	24°♉36'39	
	-1213 Jun 09 j 11:40	0°♊	
superior conj	-1213 Jun 14 j 04:07	9°♊58'26	1°26'15
minimum elong	-1213 Jun 14 j 01:36	9°♊45'07	1°25'58
max. Earth dist.	-1213 Jun 17 j 04:04	16°♊15'15	1.34261 AU
evening rise	-1213 Jun 22 j 01:52	26°♊08'49	
	-1213 Jun 24 j 01:45	0°♋	
	-1213 Jul 12 j 00:30	0°♌	
desc. node	-1213 Jul 15 j 00:10	4°♌11'06	
evening max el	-1213 Jul 26 j 16:42	17°♌56'44	27°10'17
retrograde	-1213 Aug 09 j 00:44	25°♌16'20	
evening set	-1213 Aug 15 j 23:52	22°♌30'40	
min. Earth dist.	-1213 Aug 19 j 19:26	18°♌49'27	0.64963 AU
inferior conj	-1213 Aug 21 j 22:06	16°♌27'41	-2°-58'-46
minimum elong	-1213 Aug 22 j 02:14	16°♌16'07	2°57'26
morning rise	-1213 Aug 28 j 06:07	10°♌53'09	
direct	-1213 Aug 30 j 22:56	10°♌14'12	
asc. node	-1213 Aug 31 j 11:35	10°♌15'42	
morning max el	-1213 Sep 06 j 11:28	13°♌44'59	18°09'27
	-1213 Sep 17 j 22:03	0°♍	
morning set	-1213 Sep 24 j 16:09	11°♍12'47	
	-1213 Oct 06 j 03:12	0°♎	
superior conj	-1213 Oct 08 j 20:05	4°♎19'50	0°13'58
minimum elong	-1213 Oct 08 j 21:48	4°♎26'41	0°13'43
behind sun begin	-1213 Oct 08 j 15:56	4°♎03'20	
behind sun end	-1213 Oct 09 j 03:39	4°♎50'01	
desc. node	-1213 Oct 10 j 23:33	7°♎44'29	
max. Earth dist.	-1213 Oct 12 j 11:18	10°♎06'02	1.44744 AU
evening rise	-1213 Oct 25 j 10:07	0°♏20'24	
	-1213 Oct 25 j 04:52	0°♏	
greatest brilliancy	-1213 Nov 11 j 19:05	26°♏41'22	-0.6m
	-1213 Nov 14 j 04:18	0°♐	
evening max el	-1213 Nov 19 j 12:49	6°♐29'42	19°46'30
retrograde	-1213 Nov 26 j 23:40	10°♐50'27	
asc. node	-1213 Nov 27 j 10:47	10°♐49'13	
evening set	-1213 Nov 30 j 11:05	9°♐39'44	
inferior conj	-1213 Dec 06 j 00:39	3°♐37'58	2°38'58
minimum elong	-1213 Dec 05 j 21:48	3°♐47'22	2°38'04
min. Earth dist.	-1213 Dec 07 j 00:59	2°♐17'46	0.66529 AU
	-1213 Dec 08 j 20:37	30°℞♏	
morning rise	-1213 Dec 11 j 07:52	27°♏23'42	
direct	-1213 Dec 17 j 07:32	24°♏45'54	
	-1213 Dec 27 j 09:13	0°♐	
morning max el	-1213 Dec 29 j 09:54	1°♐56'27	25°31'15
desc. node	-1212 Jan 06 j 22:47	11°♐51'44	
	-1212 Jan 19 j 16:45	0°♑	
morning set	-1212 Feb 03 j 15:25	25°♑02'29	
	-1212 Feb 06 j 07:59	0°♒	
max. Earth dist.	-1212 Feb 07 j 11:03	2°♒07'17	1.36245 AU
superior conj	-1212 Feb 13 j 05:28	13°♒20'49	-1°-30'-54
minimum elong	-1212 Feb 13 j 09:06	13°♒38'56	1°30'28
evening rise	-1212 Feb 21 j 08:26	29°♒50'04	
	-1212 Feb 21 j 10:24	0°♓	
asc. node	-1212 Feb 23 j 10:06	3°♓59'28	
evening max el	-1212 Mar 09 j 23:22	28°♓17'57	19°52'38
	-1212 Mar 11 j 22:31	0°♈	
retrograde	-1212 Mar 19 j 23:01	3°♈04'32	
evening set	-1212 Mar 22 j 02:59	2°♈52'03	
	-1212 Mar 28 j 22:57	30°℞♓	
inferior conj	-1212 Mar 30 j 20:49	28°♓50'40	1°07'29
minimum elong	-1212 Mar 30 j 23:39	28°♓46'19	1°06'32
min. Earth dist.	-1212 Apr 02 j 01:54	27°♓29'11	0.55691 AU
desc. node	-1212 Apr 03 j 21:53	26°♓25'20	
morning rise	-1212 Apr 08 j 17:14	24°♓19'02	
direct	-1212 Apr 12 j 20:08	23°♓41'29	
	-1212 Apr 26 j 01:36	0°♈	
morning max el	-1212 Apr 26 j 17:11	0°♈36'17	24°10'37
	-1212 May 16 j 16:35	0°♉	
morning set	-1212 May 21 j 10:15	9°♉36'28	
asc. node	-1212 May 21 j 09:27	9°♉32'16	
superior conj	-1212 May 28 j 12:10	24°♉49'52	1°08'39
minimum elong	-1212 May 28 j 09:43	24°♉36'38	1°08'17
max. Earth dist.	-1212 May 30 j 07:33	28°♉43'17	1.33275 AU
	-1212 May 30 j 21:56	0°♊	
evening rise	-1212 Jun 04 j 22:07	10°♊24'57	
	-1212 Jun 15 j 09:25	0°♋	
desc. node	-1212 Jun 30 j 21:11	23°♋01'09	
	-1212 Jul 07 j 01:46	0°♌	
evening max el	-1212 Jul 08 j 02:56	1°♌01'34	27°25'20
retrograde	-1212 Jul 21 j 19:25	8°♌22'28	
evening set	-1212 Jul 28 j 23:58	5°♌44'17	
min. Earth dist.	-1212 Aug 01 j 14:29	2°♌36'27	0.63412 AU
inferior conj	-1212 Aug 04 j 06:37	29°♋54'39	-3°-44'-48
minimum elong	-1212 Aug 04 j 11:04	29°♋43'23	3°43'45
	-1212 Aug 04 j 04:31	30°℞♋	
morning rise	-1212 Aug 11 j 00:20	24°♋38'05	
direct	-1212 Aug 13 j 13:02	24°♋07'13	
asc. node	-1212 Aug 17 j 08:40	25°♋18'18	
morning max el	-1212 Aug 20 j 03:00	27°♋32'19	17°54'52
	-1212 Aug 22 j 07:49	0°♌	
morning set	-1212 Sep 05 j 18:24	23°♌15'46	
	-1212 Sep 09 j 15:19	0°♍	
superior conj	-1212 Sep 17 j 22:06	14°♍02'14	0°56'29
minimum elong	-1212 Sep 18 j 03:11	14°♍23'17	0°55'52
max. Earth dist.	-1212 Sep 24 j 03:27	24°♍11'11	1.43821 AU
desc. node	-1212 Sep 26 j 20:34	28°♍30'55	
	-1212 Sep 27 j 19:05	0°♎	
evening rise	-1212 Oct 03 j 16:44	9°♎13'03	
	-1212 Oct 17 j 11:18	0°♏	
greatest brilliancy	-1212 Oct 26 j 21:22	13°♏12'22	-0.5m
evening max el	-1212 Nov 01 j 14:03	19°♏57'06	20°49'56
retrograde	-1212 Nov 09 j 21:12	24°♏52'01	
asc. node	-1212 Nov 13 j 07:51	23°♏44'23	
evening set	-1212 Nov 13 j 18:17	23°♏26'02	
inferior conj	-1212 Nov 19 j 04:56	17°♏13'34	1°55'26
minimum elong	-1212 Nov 19 j 02:34	17°♏21'39	1°54'33
min. Earth dist.	-1212 Nov 19 j 17:12	16°♏31'39	0.67201 AU
morning rise	-1212 Nov 24 j 10:24	10°♏57'31	
direct	-1212 Nov 29 j 18:56	8°♏38'25	
morning max el	-1212 Dec 10 j 18:28	15°♏11'30	24°07'11
	-1212 Dec 22 j 22:00	0°♐	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-1212 Dec 23 j 19:50	1°♐15'09	
	-1211 Jan 11 j 15:24	0°♑	
morning set	-1211 Jan 15 j 10:47	6°♑27'16	
max. Earth dist.	-1211 Jan 19 j 07:13	13°♑13'27	1.38209 AU
superior conj	-1211 Jan 26 j 10:00	26°♑23'23	-1°-48'-59
minimum elong	-1211 Jan 26 j 13:13	26°♑38'42	1°48'46
	-1211 Jan 28 j 07:06	0°♒	
evening rise	-1211 Feb 04 j 07:00	13°♒43'48	
asc. node	-1211 Feb 09 j 07:09	23°♒21'55	
	-1211 Feb 13 j 01:15	0°♓	
evening max el	-1211 Feb 20 j 20:00	10°♓24'49	18°57'56
retrograde	-1211 Mar 01 j 06:40	14°♓28'50	
evening set	-1211 Mar 03 j 13:44	14°♓12'03	
inferior conj	-1211 Mar 11 j 13:38	9°♓55'55	2°37'15
minimum elong	-1211 Mar 11 j 18:12	9°♓47'48	2°36'04
min. Earth dist.	-1211 Mar 14 j 17:59	7°♓41'27	0.57134 AU
morning rise	-1211 Mar 19 j 18:32	4°♓51'57	
desc. node	-1211 Mar 21 j 18:57	4°♓11'02	
direct	-1211 Mar 25 j 01:24	3°♓45'14	
morning max el	-1211 Apr 08 j 08:17	11°♓09'53	25°44'55
	-1211 Apr 22 j 18:59	0°♈	
morning set	-1211 May 05 j 22:03	24°♈35'39	
asc. node	-1211 May 08 j 06:29	29°♈36'06	
	-1211 May 08 j 10:55	0°♉	
superior conj	-1211 May 12 j 22:57	9°♉48'35	0°47'39
minimum elong	-1211 May 12 j 21:02	9°♉38'03	0°47'18
max. Earth dist.	-1211 May 13 j 17:26	11°♉29'33	1.32666 AU
evening rise	-1211 May 20 j 01:44	25°♉02'39	
	-1211 May 22 j 12:14	0°♊	
	-1211 Jun 09 j 01:27	0°♋	
desc. node	-1211 Jun 17 j 18:13	10°♋52'25	
evening max el	-1211 Jun 20 j 09:27	13°♋32'47	27°08'37
retrograde	-1211 Jul 04 j 07:28	20°♋51'42	
evening set	-1211 Jul 11 j 08:28	18°♋35'17	
min. Earth dist.	-1211 Jul 14 j 23:28	15°♋50'14	0.61541 AU
inferior conj	-1211 Jul 18 j 02:58	13°♋01'47	-4°-20'-9
minimum elong	-1211 Jul 18 j 06:27	12°♋53'57	4°19'40
morning rise	-1211 Jul 25 j 07:17	8°♋05'50	
direct	-1211 Jul 27 j 18:11	7°♋40'35	
morning max el	-1211 Aug 03 j 17:07	11°♋08'51	17°58'50
asc. node	-1211 Aug 04 j 05:43	11°♋40'31	
	-1211 Aug 16 j 05:44	0°♌	
morning set	-1211 Aug 19 j 15:52	6°♌13'56	
superior conj	-1211 Aug 30 j 03:39	25°♌06'07	1°26'05
minimum elong	-1211 Aug 30 j 08:15	25°♌26'09	1°25'40
	-1211 Sep 01 j 23:46	0°♍	
max. Earth dist.	-1211 Sep 06 j 14:39	7°♍45'43	1.42323 AU
evening rise	-1211 Sep 13 j 04:07	18°♍21'57	
desc. node	-1211 Sep 13 j 17:37	19°♍15'14	
	-1211 Sep 20 j 16:32	0°♎	
greatest brilliancy	-1211 Oct 10 j 15:32	28°♎03'02	-0.3m
	-1211 Oct 12 j 06:35	0°♏	
evening max el	-1211 Oct 15 j 09:28	3°♏25'19	22°04'01
retrograde	-1211 Oct 24 j 17:18	8°♏58'05	
evening set	-1211 Oct 29 j 02:11	7°♏14'48	
asc. node	-1211 Oct 31 j 04:54	5°♏10'46	
inferior conj	-1211 Nov 03 j 11:26	0°♏55'24	1°06'38
minimum elong	-1211 Nov 03 j 09:57	1°♏00'33	1°06'00
min. Earth dist.	-1211 Nov 03 j 12:51	0°♏50'32	0.67540 AU
	-1211 Nov 04 j 03:29	30°℞♎	
morning rise	-1211 Nov 08 j 17:30	24°♎40'08	
direct	-1211 Nov 13 j 10:49	22°♎42'57	
morning max el	-1211 Nov 23 j 04:51	28°♎30'33	22°39'47
	-1211 Nov 24 j 14:58	0°♏	
greatest brilliancy	-1211 Nov 27 j 20:52	3°♏44'29	-0.3m
desc. node	-1211 Dec 10 j 16:53	21°♏07'42	
	-1211 Dec 16 j 15:52	0°♐	
morning set	-1211 Dec 27 j 02:34	16°♐29'43	
max. Earth dist.	-1210 Jan 01 j 03:00	24°♐52'48	1.40323 AU
	-1210 Jan 04 j 02:17	0°♑	
superior conj	-1210 Jan 08 j 22:06	8°♑34'53	-1°-59'-2
minimum elong	-1210 Jan 08 j 23:17	8°♑40'14	1°59'03
evening rise	-1210 Jan 18 j 20:02	27°♑04'44	
	-1210 Jan 20 j 09:08	0°♒	
asc. node	-1210 Jan 27 j 04:13	12°♒17'22	
evening max el	-1210 Feb 04 j 00:55	23°♒02'51	18°23'13
retrograde	-1210 Feb 11 j 09:00	26°♒40'04	
evening set	-1210 Feb 13 j 20:28	26°♒16'27	
inferior conj	-1210 Feb 21 j 03:18	21°♒39'37	3°30'55
minimum elong	-1210 Feb 21 j 06:26	21°♒33'06	3°30'26
min. Earth dist.	-1210 Feb 24 j 13:31	18°♒50'54	0.59075 AU
morning rise	-1210 Feb 28 j 12:48	16°♒09'49	
direct	-1210 Mar 06 j 19:57	14°♒25'16	
desc. node	-1210 Mar 08 j 16:00	14°♒33'59	
morning max el	-1210 Mar 21 j 03:09	22°♒05'08	26°58'10
	-1210 Mar 28 j 02:30	0°♓	
	-1210 Apr 15 j 15:20	0°♈	
morning set	-1210 Apr 20 j 08:02	9°♈28'17	
asc. node	-1210 Apr 25 j 03:32	19°♈46'12	
superior conj	-1210 Apr 27 j 10:43	24°♈48'17	0°24'06
minimum elong	-1210 Apr 27 j 09:40	24°♈42'29	0°23'53
max. Earth dist.	-1210 Apr 27 j 06:17	24°♈23'59	1.32417 AU
	-1210 Apr 29 j 19:37	0°♉	
evening rise	-1210 May 04 j 10:06	9°♉53'13	
	-1210 May 14 j 20:34	0°♊	
evening max el	-1210 Jun 02 j 10:03	25°♊21'27	26°19'11
desc. node	-1210 Jun 04 j 15:14	27°♊20'26	
	-1210 Jun 08 j 07:10	0°♋	
retrograde	-1210 Jun 16 j 11:09	2°♋36'23	
evening set	-1210 Jun 22 j 20:51	0°♋54'20	
	-1210 Jun 24 j 10:47	30°℞♊	
min. Earth dist.	-1210 Jun 26 j 23:08	28°♊16'00	0.59497 AU
inferior conj	-1210 Jun 30 j 07:33	25°♊39'55	-4°-37'-7
minimum elong	-1210 Jun 30 j 08:14	25°♊38'34	4°37'06
morning rise	-1210 Jul 07 j 23:05	21°♊06'24	
direct	-1210 Jul 10 j 10:21	20°♊44'50	
morning max el	-1210 Jul 18 j 02:47	24°♊26'25	18°22'22
asc. node	-1210 Jul 22 j 02:47	29°♊06'56	
	-1210 Jul 22 j 17:58	0°♋	
morning set	-1210 Aug 03 j 03:14	19°♋53'04	
	-1210 Aug 08 j 10:39	0°♌	
superior conj	-1210 Aug 12 j 09:27	7°♌21'59	1°42'32
minimum elong	-1210 Aug 12 j 11:52	7°♌33'06	1°42'25
max. Earth dist.	-1210 Aug 19 j 20:34	20°♌39'14	1.40453 AU
evening rise	-1210 Aug 24 j 11:43	28°♌28'03	
	-1210 Aug 25 j 10:04	0°♍	
desc. node	-1210 Aug 31 j 14:37	9°♍53'25	
	-1210 Sep 14 j 06:20	0°♎	
evening max el	-1210 Sep 28 j 00:04	16°♎55'07	23°23'49
retrograde	-1210 Oct 08 j 10:27	23°♎05'09	
evening set	-1210 Oct 13 j 09:02	21°♎03'14	
asc. node	-1210 Oct 18 j 01:57	15°♎36'43	
inferior conj	-1210 Oct 18 j 18:21	14°♎40'36	0°14'09
minimum elong	-1210 Oct 18 j 18:01	14°♎41'46	0°14'00
transit middle	-1210 Oct 18 j 18:01	14°♎41'46	0°14'00
transit begin	-1210 Oct 18 j 16:37	14°♎46'32	
transit end	-1210 Oct 18 j 19:24	14°♎37'00	
min. Earth dist.	-1210 Oct 18 j 09:25	15°♎11'15	0.67563 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning rise	-1210 Oct 24 j 03:03	8°♎28'57	
direct	-1210 Oct 28 j 06:08	6°♎53'55	
morning max el	-1210 Nov 05 j 20:32	11°♎56'36	21°17'16
greatest brilliancy	-1210 Nov 11 j 03:36	18°♎03'15	-0.4m
	-1210 Nov 19 j 21:22	0°♏	
desc. node	-1210 Nov 27 j 13:56	11°♏20'32	
morning set	-1210 Dec 06 j 14:07	25°♏12'32	
	-1210 Dec 09 j 14:39	0°♐	
max. Earth dist.	-1210 Dec 14 j 05:18	7°♐27'47	1.42290 AU
superior conj	-1210 Dec 21 j 12:10	19°♐41'09	-1°-57'00
minimum elong	-1210 Dec 21 j 09:25	19°♐29'24	1°56'57
	-1210 Dec 27 j 09:46	0°♑	
evening rise	-1209 Jan 01 j 19:51	9°♑44'31	
	-1209 Jan 13 j 15:08	0°♒	
asc. node	-1209 Jan 14 j 01:14	0°♒36'51	
evening max el	-1209 Jan 18 j 11:00	6°♒02'44	18°08'23
retrograde	-1209 Jan 25 j 04:05	9°♒29'03	
evening set	-1209 Jan 27 j 19:27	8°♒57'22	
inferior conj	-1209 Feb 03 j 12:12	3°♒58'28	3°52'43
minimum elong	-1209 Feb 03 j 12:56	3°♒56'45	3°52'42
min. Earth dist.	-1209 Feb 06 j 15:25	1°♒00'01	0.61153 AU
	-1209 Feb 07 j 18:41	30°℞♑	
morning rise	-1209 Feb 10 j 03:47	28°♑10'58	
direct	-1209 Feb 17 j 00:53	25°♑51'30	
desc. node	-1209 Feb 23 j 13:04	27°♑42'31	
	-1209 Feb 27 j 00:44	0°♒	
morning max el	-1209 Mar 03 j 04:16	3°♒38'43	27°39'10
	-1209 Mar 22 j 15:48	0°♓	
morning set	-1209 Apr 04 j 14:22	24°♓07'51	
	-1209 Apr 07 j 09:46	0°♈	
max. Earth dist.	-1209 Apr 10 j 18:23	7°♈13'38	1.32520 AU
superior conj	-1209 Apr 11 j 21:47	9°♈42'58	0°-1'-14
minimum elong	-1209 Apr 11 j 21:50	9°♈43'17	0°01'14
behind sun begin	-1209 Apr 11 j 16:47	9°♈15'42	
behind sun end	-1209 Apr 12 j 02:53	10°♈10'53	
asc. node	-1209 Apr 12 j 00:35	9°♈58'17	
evening rise	-1209 Apr 18 j 21:08	24°♈49'09	
	-1209 Apr 21 j 09:00	0°♉	
	-1209 May 09 j 08:47	0°♊	
evening max el	-1209 May 15 j 04:10	6°♊27'49	25°02'18
desc. node	-1209 May 22 j 12:14	11°♊52'50	
retrograde	-1209 May 29 j 04:24	13°♊35'05	
evening set	-1209 Jun 03 j 10:32	12°♊31'41	
min. Earth dist.	-1209 Jun 08 j 15:54	9°♊42'55	0.57525 AU
inferior conj	-1209 Jun 11 j 17:06	7°♊39'57	-4°-24'-43
minimum elong	-1209 Jun 11 j 13:30	7°♊46'02	4°24'19
morning rise	-1209 Jun 19 j 20:23	3°♊28'09	
direct	-1209 Jun 22 j 09:18	3°♊09'14	
morning max el	-1209 Jul 01 j 05:08	7°♊16'36	19°06'30
asc. node	-1209 Jul 08 j 23:50	17°♊23'43	
	-1209 Jul 15 j 22:56	0°♋	
morning set	-1209 Jul 18 j 00:32	4°♋03'11	
superior conj	-1209 Jul 26 j 09:53	20°♋35'03	1°47'53
minimum elong	-1209 Jul 26 j 10:05	20°♋36'02	1°47'53
	-1209 Jul 31 j 09:38	0°♌	
max. Earth dist.	-1209 Aug 01 j 23:35	2°♌53'22	1.38457 AU
evening rise	-1209 Aug 05 j 20:42	9°♌46'53	
desc. node	-1209 Aug 18 j 11:38	0°♍21'28	
	-1209 Aug 18 j 06:01	0°♍	
	-1209 Sep 10 j 00:38	0°♎	
evening max el	-1209 Sep 10 j 11:54	0°♎28'07	24°42'53
retrograde	-1209 Sep 21 j 23:46	7°♎10'15	
evening set	-1209 Sep 27 j 13:11	4°♎50'01	
	-1209 Oct 01 j 20:13	30°℞♍	

min. Earth dist.	-1209 Oct 02 j 04:30	29°♍32'37	0.67275 AU
inferior conj	-1209 Oct 02 j 23:58	28°♍27'54	0°-40'-27
minimum elong	-1209 Oct 03 j 00:58	28°♍24'36	0°40'02
asc. node	-1209 Oct 04 j 23:00	25°♍55'51	
morning rise	-1209 Oct 08 j 13:08	22°♍22'41	
direct	-1209 Oct 12 j 03:40	21°♍07'50	
morning max el	-1209 Oct 19 j 19:44	25°♍32'59	20°05'25
	-1209 Oct 23 j 17:00	0°♎	
greatest brilliancy	-1209 Oct 26 j 22:36	4°♎15'15	-0.6m
	-1209 Nov 13 j 06:57	0°♏	
desc. node	-1209 Nov 14 j 10:58	1°♏47'53	
morning set	-1209 Nov 15 j 11:07	3°♏21'08	
max. Earth dist.	-1209 Nov 26 j 15:28	20°♏54'40	1.43829 AU
superior conj	-1209 Dec 01 j 23:36	29°♏32'22	-1°-38'-39
minimum elong	-1209 Dec 01 j 16:35	29°♏03'44	1°38'06
	-1209 Dec 02 j 06:21	0°♐	
evening rise	-1209 Dec 15 j 02:14	21°♐35'21	
	-1209 Dec 19 j 23:32	0°♑	
asc. node	-1209 Dec 31 j 22:16	18°♑09'48	
evening max el	-1208 Jan 01 j 23:22	19°♑16'58	18°12'54
retrograde	-1208 Jan 08 j 11:29	22°♑45'38	
evening set	-1208 Jan 11 j 06:45	22°♑05'03	
inferior conj	-1208 Jan 17 j 12:41	16°♑45'23	3°50'43
minimum elong	-1208 Jan 17 j 11:23	16°♑48'54	3°50'37
min. Earth dist.	-1208 Jan 20 j 02:27	13°♑59'19	0.63086 AU
morning rise	-1208 Jan 23 j 14:12	10°♑46'01	
direct	-1208 Jan 30 j 14:25	8°♑03'18	
desc. node	-1208 Feb 10 j 10:07	13°♑05'58	
morning max el	-1208 Feb 13 j 10:54	15°♑53'02	27°43'20
	-1208 Feb 25 j 02:10	0°♒	
	-1208 Mar 14 j 06:53	0°♓	
morning set	-1208 Mar 18 j 14:43	8°♓26'08	
max. Earth dist.	-1208 Mar 24 j 01:37	19°♓43'41	1.33004 AU
superior conj	-1208 Mar 26 j 06:25	24°♓26'20	0°-27'-27
minimum elong	-1208 Mar 26 j 07:43	24°♓33'17	0°27'12
asc. node	-1208 Mar 28 j 21:36	0°♈07'45	
	-1208 Mar 28 j 20:10	0°♈	
evening rise	-1208 Apr 02 j 08:55	9°♈43'00	
	-1208 Apr 12 j 22:36	0°♉	
evening max el	-1208 Apr 25 j 18:59	17°♉06'55	23°29'39
desc. node	-1208 May 08 j 09:16	23°♉52'17	
retrograde	-1208 May 09 j 09:33	23°♉54'36	
evening set	-1208 May 13 j 05:33	23°♉22'16	
min. Earth dist.	-1208 May 20 j 05:25	20°♉08'56	0.55951 AU
inferior conj	-1208 May 22 j 06:32	18°♉55'49	-3°-31'-28
minimum elong	-1208 May 21 j 23:47	19°♉05'54	3°29'53
morning rise	-1208 May 30 j 21:33	14°♉59'10	
direct	-1208 Jun 02 j 12:50	14°♉41'57	
morning max el	-1208 Jun 12 j 21:39	19°♉29'41	20°11'28
	-1208 Jun 21 j 04:13	0°♊	
asc. node	-1208 Jun 24 j 20:53	6°♊18'13	
morning set	-1208 Jul 01 j 04:41	18°♊35'11	
	-1208 Jul 06 j 18:33	0°♋	
superior conj	-1208 Jul 08 j 23:43	4°♋29'30	1°44'31
minimum elong	-1208 Jul 08 j 22:19	4°♋22'25	1°44'28
max. Earth dist.	-1208 Jul 14 j 04:30	14°♋43'02	1.36580 AU
evening rise	-1208 Jul 18 j 04:25	22°♋12'10	
	-1208 Jul 22 j 13:24	0°♌	
desc. node	-1208 Aug 04 j 08:37	20°♌33'21	
	-1208 Aug 11 j 01:11	0°♍	
evening max el	-1208 Aug 22 j 23:01	14°♍02'45	25°53'51
retrograde	-1208 Sep 04 j 08:35	21°♍07'59	
evening set	-1208 Sep 10 j 12:44	18°♍32'24	
min. Earth dist.	-1208 Sep 14 j 19:47	13°♍51'44	0.66653 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

inferior conj	-1208 Sep 16 j 02:31	12°♍14'36	-1°-35'-36
minimum elong	-1208 Sep 16 j 04:53	12°♍07'07	1°34'40
asc. node	-1208 Sep 20 j 20:04	7°♍04'05	
morning rise	-1208 Sep 21 j 21:49	6°♍18'45	
direct	-1208 Sep 25 j 01:57	5°♍20'48	
morning max el	-1208 Oct 02 j 02:12	9°♍18'02	19°07'38
	-1208 Oct 17 j 00:03	0°♎	
morning set	-1208 Oct 24 j 17:50	12°♎05'23	
desc. node	-1208 Oct 31 j 08:00	22°♎25'03	
	-1208 Nov 05 j 03:59	0°♏	
max. Earth dist.	-1208 Nov 08 j 07:00	4°♏55'11	1.44745 AU
superior conj	-1208 Nov 10 j 10:05	8°♏16'58	-1°-2'-29
minimum elong	-1208 Nov 10 j 02:48	7°♏48'06	1°01'39
	-1208 Nov 23 j 22:24	0°♐	
evening rise	-1208 Nov 25 j 10:54	2°♐29'16	
	-1208 Dec 13 j 03:25	0°♑	
evening max el	-1208 Dec 15 j 11:21	2°♑39'37	18°35'58
asc. node	-1208 Dec 17 j 19:18	4°♑43'07	
retrograde	-1208 Dec 22 j 02:50	6°♑21'32	
evening set	-1208 Dec 25 j 03:00	5°♑30'49	
	-1208 Dec 30 j 22:24	30°℞♐	
inferior conj	-1208 Dec 31 j 00:51	29°♐52'43	3°31'50
minimum elong	-1208 Dec 30 j 22:21	0°♑00'08	3°31'23
min. Earth dist.	-1207 Jan 01 j 23:28	27°♐34'18	0.64714 AU
morning rise	-1207 Jan 05 j 16:29	23°♐45'30	
direct	-1207 Jan 12 j 11:20	20°♐54'16	
morning max el	-1207 Jan 25 j 20:19	28°♐38'49	27°12'48
desc. node	-1207 Jan 27 j 07:10	0°♑08'32	
	-1207 Jan 27 j 03:57	0°♑	
	-1207 Feb 17 j 21:02	0°♒	
morning set	-1207 Mar 02 j 06:12	22°♒13'56	
	-1207 Mar 06 j 03:58	0°♓	
max. Earth dist.	-1207 Mar 07 j 00:01	1°♓42'17	1.33908 AU
superior conj	-1207 Mar 10 j 10:45	8°♓52'20	0°-53'-33
minimum elong	-1207 Mar 10 j 13:14	9°♓05'24	0°53'06
asc. node	-1207 Mar 15 j 18:38	20°♓10'40	
evening rise	-1207 Mar 17 j 19:40	24°♓28'45	
	-1207 Mar 20 j 12:07	0°♈	
evening max el	-1207 Apr 07 j 13:24	27°♈48'37	21°55'54
	-1207 Apr 10 j 01:46	0°♉	
retrograde	-1207 Apr 20 j 03:16	3°♉56'49	
evening set	-1207 Apr 22 j 19:41	3°♉40'45	
desc. node	-1207 Apr 25 j 06:17	3°♉00'18	
	-1207 May 01 j 11:40	30°℞♈	
inferior conj	-1207 May 02 j 04:47	29°♈35'57	-1°-55'-46
minimum elong	-1207 May 01 j 23:35	29°♈43'16	1°54'03
min. Earth dist.	-1207 May 01 j 18:44	29°♈50'06	0.55115 AU
morning rise	-1207 May 11 j 04:45	25°♈39'26	
direct	-1207 May 14 j 02:13	25°♈20'48	
	-1207 May 24 j 23:57	0°♉	
morning max el	-1207 May 26 j 03:10	1°♉00'30	21°35'22
asc. node	-1207 Jun 11 j 17:57	25°♉41'07	
	-1207 Jun 13 j 21:52	0°♊	
morning set	-1207 Jun 15 j 13:21	3°♊22'28	
superior conj	-1207 Jun 22 j 22:55	18°♊53'15	1°34'27
minimum elong	-1207 Jun 22 j 20:37	18°♊41'16	1°34'16
max. Earth dist.	-1207 Jun 26 j 16:59	26°♊35'25	1.35003 AU
	-1207 Jun 28 j 09:55	0°♋	
evening rise	-1207 Jul 01 j 05:57	5°♋31'10	
	-1207 Jul 15 j 07:11	0°♌	
desc. node	-1207 Jul 22 j 05:37	10°♌21'52	
evening max el	-1207 Aug 05 j 10:39	27°♌34'32	26°48'52
	-1207 Aug 08 j 03:14	0°♍	
retrograde	-1207 Aug 18 j 12:23	4°♍51'56	
evening set	-1207 Aug 25 j 05:28	2°♍07'24	
	-1207 Aug 27 j 11:24	30°℞♌	
min. Earth dist.	-1207 Aug 29 j 04:56	28°♌04'34	0.65682 AU
inferior conj	-1207 Aug 31 j 00:00	25°♌57'44	-2°-29'-24
minimum elong	-1207 Aug 31 j 03:36	25°♌47'07	2°28'07
morning rise	-1207 Sep 06 j 02:59	20°♌14'21	
asc. node	-1207 Sep 07 j 17:09	19°♌38'15	
direct	-1207 Sep 08 j 23:08	19°♌29'32	
morning max el	-1207 Sep 15 j 14:09	23°♌07'50	18°25'45
	-1207 Sep 21 j 02:11	0°♍	
morning set	-1207 Oct 05 j 02:37	22°♍08'12	
	-1207 Oct 09 j 23:22	0°♎	
desc. node	-1207 Oct 18 j 05:01	13°♎08'03	
superior conj	-1207 Oct 20 j 10:08	16°♎37'48	0°-14'-21
minimum elong	-1207 Oct 20 j 08:14	16°♎30'19	0°14'07
behind sun begin	-1207 Oct 20 j 02:34	16°♎07'57	
behind sun end	-1207 Oct 20 j 13:54	16°♎52'41	
max. Earth dist.	-1207 Oct 22 j 01:05	19°♎11'14	1.44951 AU
	-1207 Oct 28 j 22:20	0°♏	
evening rise	-1207 Nov 05 j 19:20	12°♏22'18	
	-1207 Nov 17 j 01:33	0°♐	
greatest brilliancy	-1207 Nov 18 j 22:42	2°♐52'04	-0.7m
evening max el	-1207 Nov 28 j 20:35	16°♐05'48	19°16'20
asc. node	-1207 Dec 04 j 16:22	20°♐01'07	
retrograde	-1207 Dec 05 j 22:31	20°♐09'58	
evening set	-1207 Dec 09 j 05:16	19°♐07'15	
inferior conj	-1207 Dec 14 j 21:19	13°♐13'29	3°00'54
minimum elong	-1207 Dec 14 j 18:25	13°♐22'46	3°00'07
min. Earth dist.	-1207 Dec 16 j 05:26	11°♐30'55	0.65974 AU
morning rise	-1207 Dec 20 j 06:43	7°♐01'10	
direct	-1207 Dec 26 j 14:29	4°♐15'12	
morning max el	-1206 Jan 08 j 05:46	11°♐42'11	26°14'08
desc. node	-1206 Jan 14 j 04:14	18°♐20'39	
	-1206 Jan 22 j 22:19	0°♑	
	-1206 Feb 10 j 11:32	0°♒	
morning set	-1206 Feb 13 j 08:50	5°♒17'58	
max. Earth dist.	-1206 Feb 17 j 10:39	13°♒04'54	1.35265 AU
superior conj	-1206 Feb 22 j 08:21	22°♒52'54	-1°-18'-9
minimum elong	-1206 Feb 22 j 11:44	23°♒10'10	1°17'39
	-1206 Feb 25 j 19:17	0°♓	
evening rise	-1206 Mar 02 j 03:26	8°♓59'12	
asc. node	-1206 Mar 02 j 15:41	10°♓01'53	
	-1206 Mar 13 j 13:03	0°♈	
evening max el	-1206 Mar 20 j 17:09	8°♈57'32	20°32'50
retrograde	-1206 Mar 31 j 16:26	14°♈13'00	
evening set	-1206 Apr 02 j 21:19	14°♈01'10	
inferior conj	-1206 Apr 11 j 23:53	10°♈03'50	0°02'27
minimum elong	-1206 Apr 12 j 00:00	10°♈03'40	0°02'25
transit middle	-1206 Apr 12 j 00:00	10°♈03'40	0°02'25
transit begin	-1206 Apr 11 j 19:59	10°♈09'29	
transit end	-1206 Apr 12 j 04:01	9°♈57'51	
desc. node	-1206 Apr 12 j 03:20	9°♈58'49	
min. Earth dist.	-1206 Apr 13 j 08:33	9°♈16'30	0.55217 AU
morning rise	-1206 Apr 21 j 00:50	5°♈49'03	
direct	-1206 Apr 24 j 14:15	5°♈21'32	
morning max el	-1206 May 07 j 23:02	11°♈52'27	23°12'37
	-1206 May 21 j 12:10	0°♉	
asc. node	-1206 May 29 j 15:00	15°♉24'38	
morning set	-1206 May 31 j 00:36	18°♉19'03	
	-1206 Jun 05 j 12:01	0°♊	
superior conj	-1206 Jun 07 j 04:26	3°♊36'35	1°19'16
minimum elong	-1206 Jun 07 j 01:53	3°♊22'57	1°18'56
max. Earth dist.	-1206 Jun 09 j 15:27	8°♊49'43	1.33799 AU
evening rise	-1206 Jun 14 j 20:31	19°♊29'58	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1206 Jun 20 j 08:24	0°♋	
desc. node	-1206 Jul 09 j 02:37	29°♋37'10	
	-1206 Jul 09 j 09:35	0°♌	
evening max el	-1206 Jul 18 j 22:13	10°♌53'54	27°20'26
retrograde	-1206 Aug 01 j 10:32	18°♌14'29	
evening set	-1206 Aug 08 j 12:39	15°♌30'43	
min. Earth dist.	-1206 Aug 12 j 05:47	12°♌04'12	0.64343 AU
inferior conj	-1206 Aug 14 j 14:06	9°♌32'56	-3°-19'-17
minimum elong	-1206 Aug 14 j 18:29	9°♌21'08	3°18'01
morning rise	-1206 Aug 21 j 02:06	4°♌05'19	
direct	-1206 Aug 23 j 16:49	3°♌30'10	
asc. node	-1206 Aug 25 j 14:13	3°♌48'43	
morning max el	-1206 Aug 30 j 05:10	6°♌57'47	18°00'59
	-1206 Sep 14 j 13:16	0°♍	
morning set	-1206 Sep 16 j 15:16	3°♍32'28	
superior conj	-1206 Sep 29 j 22:05	25°♍37'45	0°33'22
minimum elong	-1206 Sep 30 j 01:47	25°♍52'42	0°32'53
	-1206 Oct 02 j 15:16	0°♎	
max. Earth dist.	-1206 Oct 04 j 19:09	3°♎26'53	1.44432 AU
desc. node	-1206 Oct 05 j 02:02	3°♎54'13	
evening rise	-1206 Oct 16 j 07:49	21°♎28'06	
	-1206 Oct 21 j 21:15	0°♏	
greatest brilliancy	-1206 Nov 05 j 08:25	21°♏20'04	-0.6m
evening max el	-1206 Nov 12 j 01:13	29°♏33'31	20°12'02
	-1206 Nov 12 j 11:40	0°♐	
retrograde	-1206 Nov 19 j 19:57	4°♐07'41	
asc. node	-1206 Nov 21 j 13:26	3°♐50'33	
evening set	-1206 Nov 23 j 11:15	2°♐50'44	
	-1206 Nov 26 j 10:22	30°℞♏	
inferior conj	-1206 Nov 28 j 23:24	26°♏44'16	2°21'15
minimum elong	-1206 Nov 28 j 20:42	26°♏53'18	2°20'20
min. Earth dist.	-1206 Nov 29 j 18:27	25°♏40'20	0.66861 AU
morning rise	-1206 Dec 04 j 05:35	20°♏29'08	
direct	-1206 Dec 09 j 23:04	17°♏58'26	
morning max el	-1206 Dec 21 j 14:16	24°♏53'53	24°56'29
	-1206 Dec 26 j 05:23	0°♐	
desc. node	-1205 Jan 01 j 01:18	7°♐22'13	
	-1205 Jan 16 j 10:05	0°♑	
morning set	-1205 Jan 26 j 17:21	17°♑23'11	
max. Earth dist.	-1205 Jan 30 j 10:35	24°♑07'38	1.37049 AU
	-1205 Feb 02 j 13:41	0°♒	
superior conj	-1205 Feb 05 j 20:13	6°♒19'30	-1°-39'-20
minimum elong	-1205 Feb 05 j 23:49	6°♒37'10	1°38'59
evening rise	-1205 Feb 14 j 06:05	23°♒08'10	
asc. node	-1205 Feb 17 j 12:44	29°♒36'23	
	-1205 Feb 17 j 17:37	0°♓	
evening max el	-1205 Mar 03 j 07:56	20°♓43'20	19°26'56
retrograde	-1205 Mar 12 j 14:28	25°♓09'36	
evening set	-1205 Mar 14 j 19:35	24°♓55'34	
inferior conj	-1205 Mar 23 j 05:58	20°♓48'58	1°49'49
minimum elong	-1205 Mar 23 j 10:01	20°♓42'22	1°48'33
min. Earth dist.	-1205 Mar 25 j 23:08	19°♓03'32	0.56229 AU
desc. node	-1205 Mar 30 j 00:24	16°♓48'21	
morning rise	-1205 Mar 31 j 20:45	16°♓03'46	
direct	-1205 Apr 05 j 11:39	15°♓15'19	
morning max el	-1205 Apr 19 j 13:56	22°♓24'07	24°52'21
	-1205 Apr 26 j 06:47	0°♈	
	-1205 May 13 j 22:26	0°♉	
morning set	-1205 May 15 j 12:41	3°♉19'03	
asc. node	-1205 May 16 j 12:02	5°♉22'32	
superior conj	-1205 May 22 j 13:50	18°♉31'29	1°00'07
minimum elong	-1205 May 22 j 11:34	18°♉19'07	0°59'43
max. Earth dist.	-1205 May 23 j 22:16	21°♉27'19	1.32978 AU
	-1205 May 27 j 22:31	0°♊	
evening rise	-1205 May 29 j 20:15	3°♊56'21	
	-1205 Jun 13 j 02:14	0°♋	
desc. node	-1205 Jun 25 j 23:40	18°♋04'39	
evening max el	-1205 Jul 01 j 07:25	23°♋46'28	27°22'19
	-1205 Jul 10 j 02:21	0°♌	
retrograde	-1205 Jul 15 j 02:14	1°♌05'49	
	-1205 Jul 19 j 20:19	30°℞♋	
evening set	-1205 Jul 22 j 06:38	28°♋35'24	
min. Earth dist.	-1205 Jul 25 j 20:34	25°♋38'51	0.62652 AU
inferior conj	-1205 Jul 28 j 17:54	22°♋52'35	-4°-1'-31
minimum elong	-1205 Jul 28 j 22:08	22°♋42'23	4°00'40
morning rise	-1205 Aug 04 j 16:00	17°♋44'16	
direct	-1205 Aug 07 j 03:46	17°♋15'55	
asc. node	-1205 Aug 12 j 11:17	19°♋26'50	
morning max el	-1205 Aug 13 j 20:25	20°♋41'02	17°54'13
	-1205 Aug 20 j 20:07	0°♌	
morning set	-1205 Aug 30 j 02:27	16°♌01'07	
	-1205 Sep 07 j 00:55	0°♍	
superior conj	-1205 Sep 10 j 11:48	5°♍54'30	1°10'44
minimum elong	-1205 Sep 10 j 17:02	6°♍16'37	1°10'09
max. Earth dist.	-1205 Sep 17 j 09:59	17°♍22'51	1.43250 AU
desc. node	-1205 Sep 21 j 23:03	24°♍39'56	
	-1205 Sep 25 j 08:35	0°♎	
evening rise	-1205 Sep 25 j 14:11	0°♎21'47	
	-1205 Oct 15 j 13:30	0°♏	
greatest brilliancy	-1205 Oct 20 j 20:29	7°♏03'24	-0.4m
evening max el	-1205 Oct 25 j 23:59	13°♏01'00	21°20'23
retrograde	-1205 Nov 03 j 16:59	18°♏11'19	
evening set	-1205 Nov 07 j 18:58	16°♏37'58	
asc. node	-1205 Nov 08 j 10:29	16°♏05'47	
inferior conj	-1205 Nov 13 j 04:50	10°♏22'08	1°35'15
minimum elong	-1205 Nov 13 j 02:48	10°♏29'07	1°34'27
min. Earth dist.	-1205 Nov 13 j 12:18	9°♏56'24	0.67391 AU
morning rise	-1205 Nov 18 j 10:19	4°♏06'21	
direct	-1205 Nov 23 j 12:19	1°♏56'32	
morning max el	-1205 Dec 03 j 23:12	8°♏10'01	23°29'53
greatest brilliancy	-1205 Dec 09 j 23:45	15°♏00'43	-0.2m
desc. node	-1205 Dec 18 j 22:22	26°♏58'48	
	-1205 Dec 21 j 00:55	0°♐	
morning set	-1204 Jan 08 j 01:32	28°♐13'30	
	-1204 Jan 09 j 02:39	0°♑	
max. Earth dist.	-1204 Jan 12 j 06:01	5°♑25'22	1.39109 AU
superior conj	-1204 Jan 19 j 18:21	19°♑01'32	-1°-54'-27
minimum elong	-1204 Jan 19 j 20:56	19°♑13'36	1°54'21
	-1204 Jan 25 j 12:38	0°♒	
evening rise	-1204 Jan 29 j 00:59	6°♒48'45	
asc. node	-1204 Feb 04 j 09:46	18°♒48'10	
	-1204 Feb 11 j 14:25	0°♓	
evening max el	-1204 Feb 14 j 08:22	3°♓03'54	18°40'42
retrograde	-1204 Feb 22 j 06:19	6°♓54'51	
evening set	-1204 Feb 24 j 15:18	6°♓35'20	
inferior conj	-1204 Mar 03 j 07:34	2°♓10'22	3°04'23
minimum elong	-1204 Mar 03 j 11:47	2°♓02'21	3°03'28
	-1204 Mar 06 j 04:30	30°℞♒	
min. Earth dist.	-1204 Mar 06 j 16:09	29°♒38'49	0.57915 AU
morning rise	-1204 Mar 11 j 04:20	26°♒54'26	
desc. node	-1204 Mar 15 j 21:28	25°♒35'07	
direct	-1204 Mar 16 j 22:17	25°♒32'26	
	-1204 Mar 27 j 18:01	0°♓	
morning max el	-1204 Mar 31 j 06:13	3°♓04'22	26°19'37
	-1204 Apr 19 j 14:19	0°♈	
morning set	-1204 Apr 28 j 23:58	18°♈16'50	
asc. node	-1204 May 02 j 09:05	25°♈29'55	
	-1204 May 04 j 10:38	0°♉	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1204 May 06 j 01:16	3°♉31'39	0°37'57
minimum elong	-1204 May 05 j 23:40	3°♉22'55	0°37'37
max. Earth dist.	-1204 May 06 j 10:05	4°♉20'01	1.32517 AU
evening rise	-1204 May 13 j 02:12	18°♉40'48	
	-1204 May 18 j 18:12	0°♊	
	-1204 Jun 06 j 22:28	0°♋	
desc. node	-1204 Jun 11 j 20:41	5°♋24'16	
evening max el	-1204 Jun 12 j 11:33	6°♋00'15	26°51'20
retrograde	-1204 Jun 26 j 10:47	13°♋17'31	
evening set	-1204 Jul 03 j 07:07	11°♋14'09	
min. Earth dist.	-1204 Jul 07 j 01:07	8°♋34'30	0.60690 AU
inferior conj	-1204 Jul 10 j 07:59	5°♋48'37	-4°-30'-11
minimum elong	-1204 Jul 10 j 10:32	5°♋43'14	4°29'56
morning rise	-1204 Jul 17 j 17:03	1°♋02'20	
direct	-1204 Jul 20 j 04:00	0°♋38'45	
morning max el	-1204 Jul 27 j 09:03	4°♋10'51	18°06'23
asc. node	-1204 Jul 29 j 08:20	6°♋18'16	
morning set	-1204 Aug 12 j 06:22	29°♋18'06	
	-1204 Aug 12 j 15:21	0°♌	
superior conj	-1204 Aug 22 j 04:23	17°♌31'06	1°34'34
minimum elong	-1204 Aug 22 j 08:08	17°♌47'50	1°34'17
	-1204 Aug 29 j 09:12	0°♍	
max. Earth dist.	-1204 Aug 29 j 19:04	0°♍41'29	1.41563 AU
evening rise	-1204 Sep 04 j 08:48	9°♍50'53	
desc. node	-1204 Sep 07 j 20:04	15°♍21'48	
	-1204 Sep 17 j 11:07	0°♎	
greatest brilliancy	-1204 Oct 02 j 20:50	21°♎03'09	-0.3m
evening max el	-1204 Oct 07 j 17:01	26°♎28'51	22°37'31
	-1204 Oct 11 j 17:07	0°♏	
retrograde	-1204 Oct 17 j 12:04	2°♏18'05	
evening set	-1204 Oct 22 j 02:38	0°♏26'44	
	-1204 Oct 22 j 15:01	30°℞♎	
asc. node	-1204 Oct 25 j 07:32	27°♎01'03	
inferior conj	-1204 Oct 27 j 11:43	24°♎05'14	0°44'41
minimum elong	-1204 Oct 27 j 10:41	24°♎08'47	0°44'15
min. Earth dist.	-1204 Oct 27 j 08:36	24°♎16'00	0.67589 AU
morning rise	-1204 Nov 01 j 18:40	17°♎51'15	
direct	-1204 Nov 06 j 05:39	16°♎03'54	
morning max el	-1204 Nov 15 j 11:38	21°♎32'00	22°03'39
greatest brilliancy	-1204 Nov 20 j 05:24	26°♎53'17	-0.4m
	-1204 Nov 22 j 16:30	0°♏	
desc. node	-1204 Dec 04 j 19:24	17°♏00'27	
	-1204 Dec 13 j 08:35	0°♐	
morning set	-1204 Dec 18 j 04:45	7°♐39'36	
max. Earth dist.	-1204 Dec 24 j 04:12	17°♐27'40	1.41191 AU
	-1204 Dec 31 j 11:16	0°♑	
superior conj	-1204 Dec 31 j 21:42	0°♑46'08	-1°-59'-55
minimum elong	-1204 Dec 31 j 21:25	0°♑44'54	1°59'58
evening rise	-1203 Jan 11 j 08:53	19°♑53'01	
	-1203 Jan 16 j 21:07	0°♒	
asc. node	-1203 Jan 21 j 06:49	7°♒29'17	
evening max el	-1203 Jan 27 j 15:45	15°♒51'32	18°14'30
retrograde	-1203 Feb 03 j 16:21	19°♒22'45	
evening set	-1203 Feb 06 j 05:22	18°♒55'58	
inferior conj	-1203 Feb 13 j 05:48	14°♒09'46	3°43'36
minimum elong	-1203 Feb 13 j 07:55	14°♒05'04	3°43'23
min. Earth dist.	-1203 Feb 16 j 14:12	11°♒13'40	0.59950 AU
morning rise	-1203 Feb 20 j 07:13	8°♒31'09	
direct	-1203 Feb 26 j 21:28	6°♒30'46	
desc. node	-1203 Mar 02 j 18:32	7°♒10'08	
morning max el	-1203 Mar 13 j 03:53	14°♒15'21	27°20'08
	-1203 Mar 25 j 19:34	0°♓	
	-1203 Apr 11 j 20:40	0°♈	
morning set	-1203 Apr 13 j 08:38	3°♈04'44	
asc. node	-1203 Apr 19 j 06:07	15°♈41'14	
max. Earth dist.	-1203 Apr 19 j 23:00	17°♈13'32	1.32409 AU
superior conj	-1203 Apr 20 j 12:55	18°♈29'45	0°13'32
minimum elong	-1203 Apr 20 j 12:18	18°♈26'25	0°13'24
behind sun begin	-1203 Apr 20 j 09:38	18°♈11'46	
behind sun end	-1203 Apr 20 j 14:59	18°♈41'04	
	-1203 Apr 25 j 19:38	0°♉	
evening rise	-1203 Apr 27 j 11:54	3°♉34'01	
	-1203 May 11 j 17:16	0°♊	
evening max el	-1203 May 25 j 08:59	17°♊29'04	25°49'14
desc. node	-1203 May 29 j 17:42	21°♊07'24	
retrograde	-1203 Jun 08 j 10:37	24°♊42'29	
evening set	-1203 Jun 14 j 09:57	23°♊16'44	
min. Earth dist.	-1203 Jun 18 j 21:25	20°♊35'58	0.58631 AU
inferior conj	-1203 Jun 22 j 04:45	18°♊11'10	-4°-36'-11
minimum elong	-1203 Jun 22 j 03:43	18°♊13'04	4°36'09
morning rise	-1203 Jun 30 j 01:17	13°♊47'32	
direct	-1203 Jul 02 j 13:00	13°♊27'21	
morning max el	-1203 Jul 10 j 16:01	17°♊18'11	18°38'35
asc. node	-1203 Jul 16 j 05:22	24°♊07'33	
	-1203 Jul 19 j 20:33	0°♋	
morning set	-1203 Jul 26 j 22:21	13°♋11'08	
superior conj	-1203 Aug 04 j 18:49	0°♌13'22	1°46'00
minimum elong	-1203 Aug 04 j 20:14	0°♌20'05	1°45'58
	-1203 Aug 04 j 15:58	0°♌	
max. Earth dist.	-1203 Aug 11 j 22:44	13°♌15'03	1.39603 AU
evening rise	-1203 Aug 16 j 03:08	20°♌27'29	
	-1203 Aug 21 j 22:30	0°♍	
desc. node	-1203 Aug 25 j 17:03	5°♍56'04	
	-1203 Sep 11 j 14:42	0°♎	
evening max el	-1203 Sep 20 j 06:00	9°♎59'28	23°57'57
retrograde	-1203 Oct 01 j 03:51	16°♎24'51	
evening set	-1203 Oct 06 j 08:33	14°♎15'02	
min. Earth dist.	-1203 Oct 11 j 04:57	8°♎37'15	0.67474 AU
inferior conj	-1203 Oct 11 j 18:18	7°♎51'53	0°-8'-51
minimum elong	-1203 Oct 11 j 18:31	7°♎51'11	0°08'46
transit middle	-1203 Oct 11 j 18:31	7°♎51'11	0°08'46
transit begin	-1203 Oct 11 j 16:13	7°♎58'58	
transit end	-1203 Oct 11 j 20:48	7°♎43'24	
asc. node	-1203 Oct 12 j 04:34	7°♎17'07	
morning rise	-1203 Oct 17 j 04:40	1°♎42'25	
direct	-1203 Oct 21 j 02:04	0°♎16'25	
morning max el	-1203 Oct 29 j 06:25	5°♎02'35	20°45'05
greatest brilliancy	-1203 Nov 04 j 05:16	12°♎03'49	-0.5m
	-1203 Nov 16 j 19:48	0°♏	
desc. node	-1203 Nov 21 j 16:25	7°♏20'03	
morning set	-1203 Nov 27 j 07:30	16°♏00'08	
	-1203 Dec 06 j 03:23	0°♐	
max. Earth dist.	-1203 Dec 06 j 09:22	0°♐24'12	1.43004 AU
superior conj	-1203 Dec 13 j 00:50	11°♐21'21	-1°-51'-25
minimum elong	-1203 Dec 12 j 20:07	11°♐01'34	1°51'11
	-1203 Dec 23 j 19:48	0°♑	
evening rise	-1203 Dec 25 j 01:52	2°♑13'07	
asc. node	-1202 Jan 08 j 03:51	25°♑30'40	
evening max el	-1202 Jan 11 j 03:12	28°♑58'43	18°08'01
	-1202 Jan 12 j 05:40	0°♒	
retrograde	-1202 Jan 17 j 17:07	2°♒24'29	
evening set	-1202 Jan 20 j 10:01	1°♒49'14	
	-1202 Jan 23 j 08:15	30°℞♑	
inferior conj	-1202 Jan 26 j 21:50	26°♑41'37	3°54'19
minimum elong	-1202 Jan 26 j 21:37	26°♑42'12	3°54'18
min. Earth dist.	-1202 Jan 29 j 19:58	23°♑45'43	0.62005 AU
morning rise	-1202 Feb 02 j 06:55	20°♑48'26	
direct	-1202 Feb 09 j 06:41	18°♑16'55	
desc. node	-1202 Feb 17 j 15:36	21°♑20'24	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning max el	-1202 Feb 23 j 07:31	26°♓06'35	27°45'21
	-1202 Feb 26 j 22:58	0°♒	
	-1202 Mar 19 j 07:17	0°♓	
morning set	-1202 Mar 28 j 12:41	17°♓35'52	
	-1202 Apr 03 j 10:12	0°♈	
max. Earth dist.	-1202 Apr 03 j 09:14	29°♓54'52	1.32673 AU
superior conj	-1202 Apr 04 j 23:09	3°♈20'09	0°-12'-18
minimum elong	-1202 Apr 04 j 23:44	3°♈23'16	0°12'11
behind sun begin	-1202 Apr 04 j 20:26	3°♈05'20	
behind sun end	-1202 Apr 05 j 03:02	3°♈41'13	
asc. node	-1202 Apr 06 j 03:09	5°♈52'29	
evening rise	-1202 Apr 11 j 23:26	18°♈29'20	
	-1202 Apr 17 j 15:56	0°♉	
evening max el	-1202 May 07 j 01:04	28°♉20'42	24°24'00
	-1202 May 08 j 20:54	0°♊	
desc. node	-1202 May 16 j 14:44	4°♊38'28	
retrograde	-1202 May 20 j 23:06	5°♊21'45	
evening set	-1202 May 25 j 14:31	4°♊33'28	
min. Earth dist.	-1202 May 31 j 12:41	1°♊35'26	0.56782 AU
inferior conj	-1202 Jun 03 j 05:34	29°♉52'12	-4°-7'-38
minimum elong	-1202 Jun 03 j 00:16	0°♊00'42	4°06'46
	-1202 Jun 03 j 00:42	30°℞♉	
morning rise	-1202 Jun 11 j 13:53	25°♉47'48	
direct	-1202 Jun 14 j 03:31	25°♉29'51	
morning max el	-1202 Jun 23 j 14:24	29°♉53'14	19°31'36
	-1202 Jun 23 j 17:17	0°♊	
asc. node	-1202 Jul 03 j 02:25	12°♊41'23	
morning set	-1202 Jul 10 j 22:53	27°♊31'05	
	-1202 Jul 12 j 04:34	0°♋	
superior conj	-1202 Jul 19 j 01:28	13°♋45'12	1°47'22
minimum elong	-1202 Jul 19 j 00:54	13°♋42'24	1°47'23
max. Earth dist.	-1202 Jul 25 j 01:32	25°♋14'27	1.37632 AU
	-1202 Jul 27 j 15:57	0°♌	
evening rise	-1202 Jul 28 j 22:20	2°♌16'03	
desc. node	-1202 Aug 12 j 14:03	26°♌17'49	
	-1202 Aug 15 j 01:48	0°♍	
evening max el	-1202 Sep 02 j 17:25	23°♍33'55	25°14'38
	-1202 Sep 11 j 22:23	0°♎	
retrograde	-1202 Sep 14 j 15:19	0°♎27'06	
	-1202 Sep 17 j 04:32	30°℞♍	
evening set	-1202 Sep 20 j 10:58	28°♍00'08	
min. Earth dist.	-1202 Sep 24 j 22:48	22°♍57'52	0.67050 AU
inferior conj	-1202 Sep 25 j 22:51	21°♍39'23	-1°-3'-53
minimum elong	-1202 Sep 26 j 00:25	21°♍34'14	1°03'14
asc. node	-1202 Sep 29 j 01:37	17°♍50'56	
morning rise	-1202 Oct 01 j 14:24	15°♍37'30	
direct	-1202 Oct 05 j 00:16	14°♍30'09	
morning max el	-1202 Oct 12 j 08:43	18°♍42'21	19°38'53
greatest brilliancy	-1202 Oct 20 j 17:44	29°♍17'48	-0.6m
	-1202 Oct 21 j 05:32	0°♎	
morning set	-1202 Nov 06 j 05:36	24°♎15'05	
desc. node	-1202 Nov 08 j 13:25	27°♎51'42	
	-1202 Nov 09 j 22:23	0°♏	
max. Earth dist.	-1202 Nov 18 j 21:58	14°♏06'51	1.44306 AU
superior conj	-1202 Nov 23 j 00:49	20°♏41'29	-1°-25'-21
minimum elong	-1202 Nov 22 j 16:55	20°♏09'47	1°24'35
	-1202 Nov 28 j 18:25	0°♐	
evening rise	-1202 Dec 06 j 23:24	13°♐39'51	
	-1202 Dec 16 j 18:09	0°♑	
evening max el	-1202 Dec 25 j 15:47	12°♑17'17	18°20'34
asc. node	-1202 Dec 26 j 00:54	12°♑39'55	
retrograde	-1201 Jan 01 j 04:14	15°♑49'58	
evening set	-1201 Jan 04 j 01:32	15°♑05'08	
inferior conj	-1201 Jan 10 j 03:43	9°♑37'27	3°44'25
minimum elong	-1201 Jan 10 j 01:49	9°♑42'50	3°44'10
min. Earth dist.	-1201 Jan 12 j 11:07	7°♑01'48	0.63830 AU
morning rise	-1201 Jan 16 j 00:35	3°♑34'39	
direct	-1201 Jan 22 j 23:34	0°♑46'23	
desc. node	-1201 Feb 04 j 12:39	7°♑29'34	
morning max el	-1201 Feb 05 j 15:26	8°♑34'28	27°34'11
	-1201 Feb 22 j 07:23	0°♒	
	-1201 Mar 11 j 12:58	0°♓	
morning set	-1201 Mar 12 j 09:39	1°♓41'58	
max. Earth dist.	-1201 Mar 17 j 13:04	12°♓11'56	1.33335 AU
superior conj	-1201 Mar 20 j 06:13	17°♓56'50	0°-38'-37
minimum elong	-1201 Mar 20 j 08:02	18°♓06'31	0°38'16
asc. node	-1201 Mar 24 j 00:13	25°♓59'44	
	-1201 Mar 25 j 21:07	0°♈	
evening rise	-1201 Mar 27 j 11:00	3°♈20'27	
	-1201 Apr 11 j 05:09	0°♉	
evening max el	-1201 Apr 18 j 16:46	8°♉57'50	22°49'09
retrograde	-1201 May 01 j 22:34	15°♉30'20	
desc. node	-1201 May 03 j 11:46	15°♉24'59	
evening set	-1201 May 05 j 05:19	15°♉06'47	
min. Earth dist.	-1201 May 13 j 01:51	11°♉39'35	0.55489 AU
inferior conj	-1201 May 14 j 11:33	10°♉51'10	-2°-55'-29
minimum elong	-1201 May 14 j 04:47	11°♉00'55	2°53'34
morning rise	-1201 May 23 j 06:55	6°♉56'38	
direct	-1201 May 26 j 00:19	6°♉39'11	
morning max el	-1201 Jun 06 j 02:08	11°♉48'12	20°45'05
	-1201 Jun 18 j 23:55	0°♊	
asc. node	-1201 Jun 19 j 23:28	1°♊49'16	
morning set	-1201 Jun 25 j 05:17	12°♊10'56	
superior conj	-1201 Jul 02 j 19:45	27°♊53'40	1°40'58
minimum elong	-1201 Jul 02 j 17:52	27°♊44'05	1°40'52
	-1201 Jul 03 j 20:33	0°♋	
max. Earth dist.	-1201 Jul 07 j 09:38	7°♋04'34	1.35867 AU
evening rise	-1201 Jul 11 j 14:20	15°♋06'31	
	-1201 Jul 20 j 00:11	0°♌	
desc. node	-1201 Jul 30 j 11:04	16°♌21'20	
	-1201 Aug 09 j 16:10	0°♍	
evening max el	-1201 Aug 16 j 05:01	7°♍09'39	26°19'41
retrograde	-1201 Aug 28 j 21:54	14°♍20'23	
evening set	-1201 Sep 04 j 07:56	11°♍40'14	
min. Earth dist.	-1201 Sep 08 j 11:46	7°♍15'37	0.66291 AU
inferior conj	-1201 Sep 09 j 23:32	5°♍25'41	-1°-58'-41
minimum elong	-1201 Sep 10 j 02:27	5°♍16'42	1°57'34
	-1201 Sep 15 j 05:52	30°℞♌	
morning rise	-1201 Sep 15 j 21:56	29°♌34'40	
asc. node	-1201 Sep 15 j 22:40	29°♌33'37	
direct	-1201 Sep 18 j 22:29	28°♌42'35	
	-1201 Sep 22 j 18:17	0°♍	
morning max el	-1201 Sep 25 j 17:48	2°♍30'18	18°47'47
	-1201 Oct 14 j 17:17	0°♎	
morning set	-1201 Oct 16 j 22:31	3°♎31'15	
desc. node	-1201 Oct 26 j 10:26	18°♎31'55	
max. Earth dist.	-1201 Nov 01 j 15:36	28°♎18'40	1.44935 AU
superior conj	-1201 Nov 02 j 04:19	29°♎08'42	0°-42'-51
minimum elong	-1201 Nov 01 j 22:49	28°♎47'04	0°42'11
	-1201 Nov 02 j 17:21	0°♏	
evening rise	-1201 Nov 17 j 21:50	24°♏08'02	
	-1201 Nov 21 j 13:19	0°♐	
evening max el	-1201 Dec 09 j 02:54	25°♐41'56	18°51'06
asc. node	-1201 Dec 12 j 21:57	28°♐43'10	
retrograde	-1201 Dec 15 j 21:50	29°♐32'02	
evening set	-1201 Dec 19 j 00:41	28°♐36'16	
inferior conj	-1201 Dec 24 j 19:47	22°♐50'55	3°19'55
minimum elong	-1201 Dec 24 j 17:02	22°♐59'24	3°19'18

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

min. Earth dist.	-1201 Dec 26 j 11:58	20°♐47'30	0.65303 AU
morning rise	-1201 Dec 30 j 08:23	16°♐41'24	
direct	-1200 Jan 05 j 23:02	13°♐51'16	
morning max el	-1200 Jan 19 j 01:09	21°♐29'10	26°50'46
desc. node	-1200 Jan 22 j 09:42	25°♐04'32	
	-1200 Jan 26 j 12:05	0°♑	
	-1200 Feb 15 j 11:16	0°♒	
morning set	-1200 Feb 23 j 20:13	15°♒12'29	
max. Earth dist.	-1200 Feb 28 j 06:54	23°♒55'48	1.34433 AU
	-1200 Mar 02 j 06:22	0°♓	
superior conj	-1200 Mar 03 j 08:01	2°♓12'50	-1°-4'-17
minimum elong	-1200 Mar 03 j 10:56	2°♓28'02	1°03'47
asc. node	-1200 Mar 09 j 21:16	15°♓58'22	
evening rise	-1200 Mar 10 j 20:45	18°♓00'41	
	-1200 Mar 16 j 21:30	0°♈	
evening max el	-1200 Mar 30 j 14:35	19°♈48'23	21°18'43
retrograde	-1200 Apr 11 j 12:54	25°♈35'03	
evening set	-1200 Apr 13 j 22:42	25°♈21'43	
desc. node	-1200 Apr 19 j 08:50	23°♈27'53	
inferior conj	-1200 Apr 23 j 06:38	21°♈22'02	-1°-6'-23
minimum elong	-1200 Apr 23 j 03:30	21°♈26'26	1°05'17
min. Earth dist.	-1200 Apr 23 j 14:58	21°♈10'18	0.55038 AU
morning rise	-1200 May 02 j 08:21	17°♈20'24	
direct	-1200 May 05 j 11:14	16°♈59'15	
morning max el	-1200 May 18 j 03:08	23°♈00'56	22°15'46
	-1200 May 24 j 06:23	0°♉	
asc. node	-1200 Jun 05 j 20:32	21°♉21'52	
morning set	-1200 Jun 08 j 15:17	27°♉03'11	
	-1200 Jun 10 j 01:03	0°♊	
superior conj	-1200 Jun 15 j 21:58	12°♊26'52	1°28'35
minimum elong	-1200 Jun 15 j 19:29	12°♊13'49	1°28'18
max. Earth dist.	-1200 Jun 19 j 02:33	19°♊05'57	1.34440 AU
evening rise	-1200 Jun 23 j 21:55	28°♊43'47	
	-1200 Jun 24 j 13:39	0°♋	
	-1200 Jul 12 j 04:08	0°♌	
desc. node	-1200 Jul 16 j 08:07	5°♌57'25	
evening max el	-1200 Jul 28 j 16:43	20°♌37'16	27°05'28
retrograde	-1200 Aug 10 j 23:14	27°♌56'38	
evening set	-1200 Aug 17 j 20:59	25°♌10'47	
min. Earth dist.	-1200 Aug 21 j 17:28	21°♌24'09	0.65162 AU
inferior conj	-1200 Aug 23 j 18:11	19°♌05'58	-2°-51'-11
minimum elong	-1200 Aug 23 j 22:12	18°♌54'34	2°49'53
morning rise	-1200 Aug 30 j 00:52	13°♌29'09	
direct	-1200 Sep 01 j 18:28	12°♌48'49	
asc. node	-1200 Sep 01 j 19:44	12°♌48'50	
morning max el	-1200 Sep 08 j 07:27	16°♌21'15	18°13'08
	-1200 Sep 18 j 04:28	0°♍	
morning set	-1200 Sep 26 j 19:35	14°♍10'29	
	-1200 Oct 06 j 12:00	0°♎	
superior conj	-1200 Oct 11 j 06:55	7°♎39'29	0°06'41
minimum elong	-1200 Oct 11 j 07:45	7°♎42'51	0°06'34
behind sun begin	-1200 Oct 10 j 21:39	7°♎02'39	
behind sun end	-1200 Oct 11 j 17:52	8°♎23'00	
desc. node	-1200 Oct 12 j 07:29	9°♎16'59	
max. Earth dist.	-1200 Oct 14 j 10:22	12°♎38'07	1.44819 AU
	-1200 Oct 25 j 12:34	0°♏	
evening rise	-1200 Oct 27 j 20:51	3°♏39'04	
greatest brilliancy	-1200 Nov 13 j 05:59	28°♏39'40	-0.7m
	-1200 Nov 14 j 04:25	0°♐	
evening max el	-1200 Nov 21 j 10:18	9°♐09'04	19°38'12
retrograde	-1200 Nov 28 j 18:42	13°♐25'28	
asc. node	-1200 Nov 28 j 18:59	13°♐25'28	
evening set	-1200 Dec 02 j 04:50	12°♐16'55	
inferior conj	-1200 Dec 07 j 18:59	6°♐17'03	2°44'59
minimum elong	-1200 Dec 07 j 16:06	6°♐26'29	2°44'07
min. Earth dist.	-1200 Dec 08 j 21:16	4°♐50'58	0.66394 AU
morning rise	-1200 Dec 13 j 02:39	0°♐03'07	
	-1200 Dec 13 j 04:04	30°℞♏	
direct	-1200 Dec 19 j 04:27	27°♏22'56	
	-1200 Dec 26 j 01:18	0°♐	
morning max el	-1200 Dec 31 j 10:29	4°♐38'28	25°42'53
desc. node	-1199 Jan 08 j 06:45	13°♐40'12	
	-1199 Jan 19 j 22:35	0°♑	
morning set	-1199 Feb 05 j 15:56	27°♑54'19	
	-1199 Feb 06 j 19:15	0°♒	
max. Earth dist.	-1199 Feb 09 j 12:56	5°♒08'48	1.35976 AU
superior conj	-1199 Feb 15 j 01:55	16°♒00'26	-1°-27'-41
minimum elong	-1199 Feb 15 j 05:30	16°♒18'29	1°27'14
	-1199 Feb 21 j 22:34	0°♓	
evening rise	-1199 Feb 23 j 02:42	2°♓23'28	
asc. node	-1199 Feb 24 j 18:20	5°♓43'38	
	-1199 Mar 11 j 18:14	0°♈	
evening max el	-1199 Mar 12 j 22:57	1°♈12'37	20°02'28
retrograde	-1199 Mar 23 j 04:46	6°♈06'35	
evening set	-1199 Mar 25 j 08:36	5°♈54'28	
inferior conj	-1199 Apr 03 j 04:57	1°♈54'37	0°51'05
minimum elong	-1199 Apr 03 j 07:09	1°♈51'15	0°50'19
min. Earth dist.	-1199 Apr 05 j 05:10	0°♈41'47	0.55540 AU
desc. node	-1199 Apr 06 j 05:52	0°♈05'38	
	-1199 Apr 06 j 09:49	30°℞♓	
morning rise	-1199 Apr 12 j 02:52	27°♓27'29	
direct	-1199 Apr 16 j 01:56	26°♓53'01	
	-1199 Apr 25 j 06:26	0°♈	
morning max el	-1199 Apr 29 j 20:25	3°♈42'20	23°55'38
	-1199 May 18 j 02:59	0°♉	
asc. node	-1199 May 23 j 17:37	11°♉12'27	
morning set	-1199 May 24 j 03:05	12°♉02'00	
superior conj	-1199 May 31 j 05:24	27°♉16'13	1°11'35
minimum elong	-1199 May 31 j 02:55	27°♉02'48	1°11'12
	-1199 Jun 01 j 11:53	0°♊	
max. Earth dist.	-1199 Jun 02 j 04:41	1°♊29'40	1.33399 AU
evening rise	-1199 Jun 07 j 16:47	12°♊55'25	
	-1199 Jun 16 j 18:20	0°♋	
desc. node	-1199 Jul 03 j 05:08	24°♋54'24	
	-1199 Jul 07 j 11:59	0°♌	
evening max el	-1199 Jul 11 j 03:18	3°♌45'47	27°25'03
retrograde	-1199 Jul 24 j 18:55	11°♌07'00	
evening set	-1199 Jul 31 j 23:02	8°♌26'53	
min. Earth dist.	-1199 Aug 04 j 14:05	5°♌14'28	0.63662 AU
inferior conj	-1199 Aug 07 j 04:14	2°♌34'58	-3°-38'-27
minimum elong	-1199 Aug 07 j 08:42	2°♌23'27	3°37'19
	-1199 Aug 09 j 19:31	30°℞♋	
morning rise	-1199 Aug 13 j 20:27	27°♋15'27	
direct	-1199 Aug 16 j 09:32	26°♋43'39	
asc. node	-1199 Aug 19 j 16:48	27°♋37'43	
	-1199 Aug 22 j 19:11	0°♌	
morning max el	-1199 Aug 22 j 22:56	0°♌09'16	17°55'53
morning set	-1199 Sep 08 j 18:28	26°♌03'41	
	-1199 Sep 11 j 01:04	0°♍	
superior conj	-1199 Sep 21 j 04:59	17°♍10'01	0°50'49
minimum elong	-1199 Sep 21 j 09:50	17°♍30'01	0°50'12
max. Earth dist.	-1199 Sep 27 j 02:54	26°♍45'50	1.43995 AU
desc. node	-1199 Sep 29 j 04:30	0°♎03'26	
	-1199 Sep 29 j 03:38	0°♎	
evening rise	-1199 Oct 07 j 04:24	12°♎33'29	
	-1199 Oct 18 j 16:25	0°♏	
greatest brilliancy	-1199 Oct 29 j 14:19	15°♏32'10	-0.5m
evening max el	-1199 Nov 04 j 12:26	22°♏36'36	20°39'45

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

retrograde	-1199 Nov 12 j 16:17	27°♏26'04	
asc. node	-1199 Nov 15 j 16:01	26°♏34'58	
evening set	-1199 Nov 16 j 11:46	26°♏02'35	
inferior conj	-1199 Nov 21 j 22:44	19°♏51'37	2°02'25
minimum elong	-1199 Nov 21 j 20:16	20°♏00'00	2°01'31
min. Earth dist.	-1199 Nov 22 j 12:45	19°♏03'55	0.67122 AU
morning rise	-1199 Nov 27 j 04:19	13°♏35'39	
direct	-1199 Dec 02 j 15:12	11°♏13'18	
morning max el	-1199 Dec 13 j 18:56	17°♏52'42	24°20'09
	-1199 Dec 23 j 23:01	0°♐	
desc. node	-1199 Dec 26 j 03:47	2°♐58'19	
	-1198 Jan 13 j 00:13	0°♑	
morning set	-1198 Jan 18 j 14:54	9°♑30'10	
max. Earth dist.	-1198 Jan 22 j 09:38	16°♑12'02	1.37901 AU
superior conj	-1198 Jan 29 j 08:28	29°♑09'35	-1°-46'-41
minimum elong	-1198 Jan 29 j 11:50	29°♑25'44	1°46'26
	-1198 Jan 29 j 18:56	0°♒	
evening rise	-1198 Feb 07 j 02:22	16°♒21'13	
asc. node	-1198 Feb 11 j 15:22	25°♒09'23	
	-1198 Feb 14 j 07:08	0°♓	
evening max el	-1198 Feb 23 j 18:08	13°♓14'17	19°04'50
retrograde	-1198 Mar 04 j 09:37	17°♓23'24	
evening set	-1198 Mar 06 j 16:07	17°♓07'26	
inferior conj	-1198 Mar 14 j 18:46	12°♓54'07	2°25'54
minimum elong	-1198 Mar 14 j 23:18	12°♓46'14	2°24'40
min. Earth dist.	-1198 Mar 17 j 20:51	10°♓46'37	0.56882 AU
morning rise	-1198 Mar 23 j 02:25	7°♓54'52	
desc. node	-1198 Mar 24 j 02:56	7°♓32'58	
direct	-1198 Mar 28 j 05:17	6°♓53'09	
morning max el	-1198 Apr 11 j 11:13	14°♓14'17	25°31'50
	-1198 Apr 23 j 22:31	0°♈	
morning set	-1198 May 08 j 14:59	27°♈01'31	
	-1198 May 10 j 00:40	0°♉	
asc. node	-1198 May 10 j 14:41	1°♉15'01	
superior conj	-1198 May 15 j 15:53	12°♉14'13	0°51'02
minimum elong	-1198 May 15 j 13:51	12°♉03'07	0°50'39
max. Earth dist.	-1198 May 16 j 13:49	14°♉13'53	1.32735 AU
evening rise	-1198 May 22 j 19:27	27°♉30'35	
	-1198 May 24 j 00:41	0°♊	
	-1198 Jun 10 j 02:49	0°♋	
desc. node	-1198 Jun 20 j 02:09	12°♋56'07	
evening max el	-1198 Jun 23 j 10:39	16°♋23'21	27°13'18
retrograde	-1198 Jul 07 j 08:00	23°♋42'24	
evening set	-1198 Jul 14 j 10:10	21°♋22'02	
min. Earth dist.	-1198 Jul 18 j 00:40	18°♋34'21	0.61834 AU
inferior conj	-1198 Jul 21 j 02:39	15°♋45'59	-4°-15'-52
minimum elong	-1198 Jul 21 j 06:24	15°♋37'25	4°15'16
morning rise	-1198 Jul 28 j 05:20	10°♋46'40	
direct	-1198 Jul 30 j 16:22	10°♋20'40	
morning max el	-1198 Aug 06 j 13:25	13°♋47'56	17°56'59
asc. node	-1198 Aug 06 j 13:51	13°♋49'00	
	-1198 Aug 17 j 14:39	0°♌	
morning set	-1198 Aug 22 j 13:27	8°♌54'55	
superior conj	-1198 Sep 02 j 06:29	28°♌01'56	1°22'30
minimum elong	-1198 Sep 02 j 11:19	28°♌22'50	1°22'00
	-1198 Sep 03 j 09:53	0°♍	
max. Earth dist.	-1198 Sep 09 j 15:02	10°♍26'22	1.42578 AU
desc. node	-1198 Sep 16 j 01:31	20°♍48'21	
evening rise	-1198 Sep 16 j 13:55	21°♍37'13	
	-1198 Sep 21 j 23:37	0°♎	
	-1198 Oct 13 j 01:30	0°♏	
greatest brilliancy	-1198 Oct 13 j 13:34	0°♏37'28	-0.4m
evening max el	-1198 Oct 18 j 08:45	6°♏04'52	21°52'28
retrograde	-1198 Oct 27 j 12:36	11°♏31'38	
evening set	-1198 Oct 31 j 19:39	9°♏51'00	
asc. node	-1198 Nov 02 j 13:03	8°♏13'34	
inferior conj	-1198 Nov 06 j 05:01	3°♏32'30	1°14'18
minimum elong	-1198 Nov 06 j 03:23	3°♏38'11	1°13'38
min. Earth dist.	-1198 Nov 06 j 08:00	3°♏22'13	0.67514 AU
	-1198 Nov 08 j 20:52	30°℞♎	
morning rise	-1198 Nov 11 j 10:52	27°♎17'04	
direct	-1198 Nov 16 j 06:27	25°♎16'29	
	-1198 Nov 24 j 23:47	0°♏	
morning max el	-1198 Nov 26 j 04:44	1°♏10'38	22°52'38
greatest brilliancy	-1198 Nov 30 j 22:31	6°♏29'14	-0.3m
desc. node	-1198 Dec 13 j 00:50	22°♏47'01	
	-1198 Dec 17 j 22:13	0°♐	
morning set	-1198 Dec 30 j 10:59	19°♐44'57	
max. Earth dist.	-1197 Jan 04 j 05:01	27°♐44'43	1.40015 AU
	-1197 Jan 05 j 12:24	0°♑	
superior conj	-1197 Jan 11 j 23:18	11°♑29'24	-1°-58'-12
minimum elong	-1197 Jan 12 j 00:55	11°♑36'46	1°58'12
evening rise	-1197 Jan 21 j 17:00	29°♑47'18	
	-1197 Jan 21 j 19:40	0°♒	
asc. node	-1197 Jan 29 j 12:23	14°♒09'09	
evening max el	-1197 Feb 06 j 21:57	25°♒47'54	18°27'05
retrograde	-1197 Feb 14 j 09:11	29°♒28'03	
evening set	-1197 Feb 16 j 20:04	29°♒05'29	
inferior conj	-1197 Feb 24 j 05:15	24°♒31'44	3°24'59
minimum elong	-1197 Feb 24 j 08:43	24°♒24'41	3°24'24
min. Earth dist.	-1197 Feb 27 j 15:31	21°♒46'45	0.58770 AU
morning rise	-1197 Mar 03 j 17:40	19°♒05'22	
direct	-1197 Mar 09 j 21:44	17°♒26'40	
desc. node	-1197 Mar 10 j 23:59	17°♒29'45	
morning max el	-1197 Mar 24 j 05:10	25°♒04'28	26°49'11
	-1197 Mar 28 j 18:23	0°♓	
	-1197 Apr 17 j 02:10	0°♈	
morning set	-1197 Apr 23 j 01:21	11°♈55'36	
asc. node	-1197 Apr 27 j 11:42	21°♈24'32	
superior conj	-1197 Apr 30 j 03:35	27°♈14'07	0°27'49
minimum elong	-1197 Apr 30 j 02:22	27°♈07'30	0°27'34
max. Earth dist.	-1197 Apr 30 j 02:33	27°♈08'29	1.32431 AU
	-1197 May 01 j 09:49	0°♉	
evening rise	-1197 May 07 j 03:15	12°♉19'53	
	-1197 May 16 j 04:45	0°♊	
evening max el	-1197 Jun 05 j 12:16	28°♊18'59	26°28'32
desc. node	-1197 Jun 06 j 23:11	29°♊38'53	
	-1197 Jun 07 j 08:57	0°♋	
retrograde	-1197 Jun 19 j 12:52	5°♋34'19	
evening set	-1197 Jun 26 j 01:48	3°♋46'31	
min. Earth dist.	-1197 Jun 30 j 01:28	1°♋08'29	0.59807 AU
	-1197 Jul 01 j 12:35	30°℞♊	
inferior conj	-1197 Jul 03 j 09:49	28°♊29'16	-4°-36'-12
minimum elong	-1197 Jul 03 j 11:03	28°♊26'47	4°36'09
morning rise	-1197 Jul 10 j 23:39	23°♊52'21	
direct	-1197 Jul 13 j 10:50	23°♊30'16	
morning max el	-1197 Jul 20 j 23:55	27°♊08'56	18°17'33
	-1197 Jul 23 j 14:06	0°♋	
asc. node	-1197 Jul 24 j 10:55	1°♋06'45	
morning set	-1197 Aug 05 j 23:01	22°♋28'52	
	-1197 Aug 09 j 22:09	0°♌	
superior conj	-1197 Aug 15 j 09:01	10°♌08'10	1°40'48
minimum elong	-1197 Aug 15 j 11:48	10°♌20'50	1°40'39
max. Earth dist.	-1197 Aug 22 j 21:57	23°♌27'27	1.40750 AU
	-1197 Aug 26 j 19:19	0°♍	
evening rise	-1197 Aug 27 j 17:55	1°♍33'07	
desc. node	-1197 Sep 02 j 22:31	11°♍27'40	
	-1197 Sep 15 j 09:38	0°♎	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

greatest brilliancy	-1197 Sep 25 j 03:46	12°♎59'00	-0.2m
evening max el	-1197 Sep 30 j 23:56	19°♎34'10	23°11'45
retrograde	-1197 Oct 11 j 06:15	25°♎38'44	
evening set	-1197 Oct 16 j 02:45	23°♎39'30	
asc. node	-1197 Oct 20 j 10:05	18°♎45'34	
inferior conj	-1197 Oct 21 j 11:58	17°♎17'06	0°22'17
minimum elong	-1197 Oct 21 j 11:26	17°♎18'54	0°22'03
min. Earth dist.	-1197 Oct 21 j 04:31	17°♎42'41	0.67583 AU
morning rise	-1197 Oct 26 j 20:09	11°♎04'51	
direct	-1197 Oct 31 j 01:15	9°♎26'42	
morning max el	-1197 Nov 08 j 19:29	14°♎35'33	21°28'59
greatest brilliancy	-1197 Nov 13 j 22:03	20°♎26'50	-0.4m
	-1197 Nov 21 j 00:49	0°♏	
desc. node	-1197 Nov 29 j 21:51	12°♏57'08	
morning set	-1197 Dec 10 j 02:20	28°♏38'09	
	-1197 Dec 10 j 23:00	0°♐	
max. Earth dist.	-1197 Dec 17 j 06:24	10°♐12'13	1.42016 AU
superior conj	-1197 Dec 24 j 17:00	22°♐46'17	-1°-58'-18
minimum elong	-1197 Dec 24 j 14:57	22°♐37'24	1°58'16
	-1197 Dec 28 j 19:56	0°♑	
evening rise	-1196 Jan 04 j 19:03	12°♑34'06	
	-1196 Jan 14 j 17:11	0°♒	
asc. node	-1196 Jan 16 j 09:24	2°♒34'52	
evening max el	-1196 Jan 21 j 07:27	8°♒45'16	18°09'20
retrograde	-1196 Jan 28 j 02:10	12°♒12'29	
evening set	-1196 Jan 30 j 16:55	11°♒42'06	
inferior conj	-1196 Feb 06 j 11:32	6°♒46'22	3°51'09
minimum elong	-1196 Feb 06 j 12:37	6°♒43'49	3°51'04
min. Earth dist.	-1196 Feb 09 j 16:18	3°♒47'49	0.60841 AU
morning rise	-1196 Feb 13 j 05:33	1°♒00'54	
	-1196 Feb 15 j 00:10	30°℞♑	
direct	-1196 Feb 20 j 01:10	28°♑46'13	
	-1196 Feb 25 j 08:02	0°♒	
desc. node	-1196 Feb 25 j 21:02	0°♒15'14	
morning max el	-1196 Mar 05 j 05:30	6°♒32'50	27°35'28
	-1196 Mar 22 j 21:52	0°♓	
morning set	-1196 Apr 06 j 08:22	26°♓38'06	
	-1196 Apr 07 j 23:10	0°♈	
max. Earth dist.	-1196 Apr 12 j 15:06	10°♈00'32	1.32480 AU
asc. node	-1196 Apr 13 j 08:45	11°♈36'51	
superior conj	-1196 Apr 13 j 14:52	12°♈10'20	0°02'43
minimum elong	-1196 Apr 13 j 14:44	12°♈09'38	0°02'42
behind sun begin	-1196 Apr 13 j 09:45	11°♈42'22	
behind sun end	-1196 Apr 13 j 19:44	12°♈36'56	
evening rise	-1196 Apr 20 j 14:02	27°♈15'48	
	-1196 Apr 21 j 21:24	0°♉	
	-1196 May 09 j 03:34	0°♊	
evening max el	-1196 May 17 j 07:08	9°♊30'52	25°15'03
desc. node	-1196 May 23 j 20:12	14°♊31'22	
retrograde	-1196 May 31 j 07:51	16°♊40'02	
evening set	-1196 Jun 05 j 18:51	15°♊30'52	
min. Earth dist.	-1196 Jun 10 j 18:56	12°♊44'44	0.57805 AU
inferior conj	-1196 Jun 13 j 22:19	10°♊35'28	-4°-29'-1
minimum elong	-1196 Jun 13 j 19:24	10°♊40'31	4°28'46
morning rise	-1196 Jun 21 j 23:52	6°♊20'51	
direct	-1196 Jun 24 j 12:29	6°♊01'37	
morning max el	-1196 Jul 03 j 03:34	10°♊04'02	18°58'35
asc. node	-1196 Jul 10 j 07:59	19°♊16'50	
	-1196 Jul 16 j 09:37	0°♋	
morning set	-1196 Jul 19 j 19:03	6°♋34'53	
superior conj	-1196 Jul 28 j 07:04	23°♋13'53	1°47'39
minimum elong	-1196 Jul 28 j 07:34	23°♋16'19	1°47'41
	-1196 Jul 31 j 21:10	0°♌	
max. Earth dist.	-1196 Aug 04 j 00:59	5°♌46'13	1.38755 AU
evening rise	-1196 Aug 07 j 23:09	12°♌40'56	
	-1196 Aug 18 j 13:04	0°♍	
desc. node	-1196 Aug 19 j 19:31	1°♍57'24	
	-1196 Sep 09 j 13:13	0°♎	
evening max el	-1196 Sep 12 j 11:54	3°♎06'05	24°31'24
retrograde	-1196 Sep 23 j 20:13	9°♎44'17	
evening set	-1196 Sep 29 j 07:24	7°♎26'34	
min. Earth dist.	-1196 Oct 03 j 23:59	2°♎03'53	0.67338 AU
inferior conj	-1196 Oct 04 j 17:53	1°♎04'01	0°-32'-6
minimum elong	-1196 Oct 04 j 18:40	1°♎01'24	0°31'47
	-1196 Oct 05 j 13:08	30°℞♍	
asc. node	-1196 Oct 06 j 07:09	29°♍01'37	
morning rise	-1196 Oct 10 j 06:17	24°♍57'40	
direct	-1196 Oct 13 j 22:29	23°♍40'07	
morning max el	-1196 Oct 21 j 17:35	28°♍10'28	20°15'16
	-1196 Oct 23 j 10:19	0°♎	
greatest brilliancy	-1196 Oct 28 j 12:10	6°♎22'21	-0.6m
	-1196 Nov 13 j 14:05	0°♏	
desc. node	-1196 Nov 15 j 18:52	3°♏22'24	
morning set	-1196 Nov 18 j 00:00	6°♏47'19	
max. Earth dist.	-1196 Nov 28 j 15:17	23°♏31'30	1.43629 AU
	-1196 Dec 02 j 15:21	0°♐	
superior conj	-1196 Dec 04 j 08:30	2°♐48'33	-1°-42'-36
minimum elong	-1196 Dec 04 j 02:00	2°♐21'49	1°42'09
evening rise	-1196 Dec 17 j 04:20	24°♐32'45	
	-1196 Dec 20 j 07:44	0°♑	
asc. node	-1195 Jan 02 j 06:26	20°♑15'45	
evening max el	-1195 Jan 03 j 19:39	21°♑57'47	18°11'04
retrograde	-1195 Jan 10 j 08:02	25°♑25'31	
evening set	-1195 Jan 13 j 02:38	24°♑46'24	
inferior conj	-1195 Jan 19 j 09:59	19°♑29'48	3°52'17
minimum elong	-1195 Jan 19 j 08:57	19°♑32'35	3°52'11
min. Earth dist.	-1195 Jan 22 j 02:00	16°♑40'35	0.62809 AU
morning rise	-1195 Jan 25 j 13:19	13°♑31'49	
direct	-1195 Feb 01 j 13:38	10°♑51'30	
desc. node	-1195 Feb 11 j 18:05	15°♑20'45	
morning max el	-1195 Feb 15 j 11:32	18°♑41'47	27°45'03
	-1195 Feb 25 j 01:33	0°♒	
	-1195 Mar 15 j 17:35	0°♓	
morning set	-1195 Mar 21 j 09:47	11°♓00'16	
max. Earth dist.	-1195 Mar 26 j 23:15	22°♓34'02	1.32904 AU
superior conj	-1195 Mar 28 j 23:59	26°♓55'49	0°-23'-27
minimum elong	-1195 Mar 29 j 01:05	27°♓01'46	0°23'14
	-1195 Mar 30 j 10:02	0°♈	
asc. node	-1195 Mar 31 j 05:47	1°♈47'04	
evening rise	-1195 Apr 05 j 01:48	12°♈10'18	
	-1195 Apr 14 j 04:54	0°♉	
evening max el	-1195 Apr 28 j 21:59	20°♉12'08	23°43'51
desc. node	-1195 May 10 j 17:15	26°♉55'52	
retrograde	-1195 May 12 j 15:04	27°♉04'10	
evening set	-1195 May 16 j 15:58	26°♉28'09	
min. Earth dist.	-1195 May 23 j 08:51	23°♉19'04	0.56146 AU
inferior conj	-1195 May 25 j 14:36	21°♉57'44	-3°-42'-30
minimum elong	-1195 May 25 j 08:06	22°♉07'38	3°41'05
morning rise	-1195 Jun 03 j 03:56	17°♉59'31	
direct	-1195 Jun 05 j 18:39	17°♉42'14	
morning max el	-1195 Jun 15 j 21:42	22°♉23'16	20°00'30
	-1195 Jun 22 j 05:56	0°♊	
asc. node	-1195 Jun 27 j 05:04	8°♊06'18	
morning set	-1195 Jul 03 j 22:22	21°♊04'03	
	-1195 Jul 08 j 07:32	0°♋	
superior conj	-1195 Jul 11 j 19:12	7°♋03'07	1°45'29
minimum elong	-1195 Jul 11 j 17:59	6°♋57'04	1°45'28
max. Earth dist.	-1195 Jul 17 j 05:00	17°♋36'55	1.36844 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening rise	-1195 Jul 21 j 03:48	24°♋57'21	
	-1195 Jul 23 j 23:34	0°♌	
desc. node	-1195 Aug 06 j 16:32	22°♌12'23	
	-1195 Aug 12 j 02:51	0°♍	
evening max el	-1195 Aug 25 j 23:02	16°♍41'02	25°44'08
retrograde	-1195 Sep 07 j 05:53	23°♍43'47	
evening set	-1195 Sep 13 j 07:48	21°♍10'18	
min. Earth dist.	-1195 Sep 17 j 16:04	16°♍23'55	0.66765 AU
inferior conj	-1195 Sep 18 j 21:03	14°♍51'28	-1°-27'-17
minimum elong	-1195 Sep 18 j 23:12	14°♍44'34	1°26'25
asc. node	-1195 Sep 23 j 04:14	9°♍59'52	
morning rise	-1195 Sep 24 j 15:20	8°♍53'57	
direct	-1195 Sep 27 j 20:50	7°♍53'44	
morning max el	-1195 Oct 04 j 23:04	11°♍54'41	19°15'13
greatest brilliancy	-1195 Oct 15 j 19:51	26°♍19'56	-0.7m
	-1195 Oct 18 j 05:57	0°♎	
morning set	-1195 Oct 28 j 03:50	15°♎22'24	
desc. node	-1195 Nov 02 j 15:53	23°♎58'20	
	-1195 Nov 06 j 12:13	0°♏	
max. Earth dist.	-1195 Nov 11 j 05:59	7°♏27'30	1.44652 AU
superior conj	-1195 Nov 13 j 22:10	11°♏41'32	-1°-8'-57
minimum elong	-1195 Nov 13 j 14:30	11°♏11'06	1°08'07
	-1195 Nov 25 j 06:51	0°♐	
evening rise	-1195 Nov 28 j 16:26	5°♐35'21	
	-1195 Dec 13 j 23:39	0°♑	
evening max el	-1195 Dec 18 j 07:53	5°♑19'36	18°31'27
asc. node	-1195 Dec 20 j 03:30	6°♑59'05	
retrograde	-1195 Dec 24 j 22:23	8°♑58'50	
evening set	-1195 Dec 27 j 21:45	8°♑09'44	
inferior conj	-1194 Jan 02 j 20:40	2°♑34'22	3°35'32
minimum elong	-1194 Jan 02 j 18:18	2°♑41'19	3°35'08
min. Earth dist.	-1194 Jan 04 j 21:36	0°♑11'03	0.64496 AU
	-1194 Jan 05 j 01:28	30°℞♐	
morning rise	-1194 Jan 08 j 13:31	26°♐28'11	
direct	-1194 Jan 15 j 09:40	23°♐37'09	
	-1194 Jan 27 j 10:08	0°♑	
morning max el	-1194 Jan 28 j 20:37	1°♑23'11	27°19'16
desc. node	-1194 Jan 29 j 15:08	2°♑10'08	
	-1194 Feb 19 j 04:12	0°♒	
morning set	-1194 Mar 05 j 02:48	24°♒53'03	
	-1194 Mar 07 j 16:41	0°♓	
max. Earth dist.	-1194 Mar 09 j 23:03	4°♓37'03	1.33744 AU
superior conj	-1194 Mar 13 j 05:06	11°♓24'44	0°-49'-39
minimum elong	-1194 Mar 13 j 07:25	11°♓36'57	0°49'14
asc. node	-1194 Mar 18 j 02:50	21°♓51'11	
evening rise	-1194 Mar 20 j 12:50	26°♓57'26	
	-1194 Mar 22 j 00:00	0°♈	
	-1194 Apr 09 j 18:38	0°♉	
evening max el	-1194 Apr 10 j 15:32	0°♉51'49	22°09'26
retrograde	-1194 Apr 23 j 10:06	7°♉06'45	
evening set	-1194 Apr 26 j 05:40	6°♉49'14	
desc. node	-1194 Apr 27 j 14:19	6°♉28'54	
min. Earth dist.	-1194 May 04 j 22:10	3°♉05'10	0.55184 AU
inferior conj	-1194 May 05 j 14:31	2°♉42'06	-2°-12'-27
minimum elong	-1194 May 05 j 08:45	2°♉50'15	2°10'36
	-1194 May 10 j 19:38	30°℞♈	
morning rise	-1194 May 14 j 13:28	28°♈46'33	
direct	-1194 May 17 j 09:39	28°♈28'22	
	-1194 May 23 j 14:21	0°♉	
morning max el	-1194 May 29 j 04:48	4°♉00'14	21°21'50
asc. node	-1194 Jun 14 j 02:07	27°♉25'27	
	-1194 Jun 15 j 09:37	0°♊	
morning set	-1194 Jun 18 j 06:30	5°♊49'29	
superior conj	-1194 Jun 25 j 17:13	21°♊23'09	1°36'21
minimum elong	-1194 Jun 25 j 15:00	21°♊11'42	1°36'10
max. Earth dist.	-1194 Jun 29 j 16:13	29°♊27'57	1.35215 AU
	-1194 Jun 29 j 22:38	0°♋	
evening rise	-1194 Jul 04 j 03:00	8°♋09'28	
	-1194 Jul 16 j 14:13	0°♌	
desc. node	-1194 Jul 24 j 13:36	12°♌05'23	
	-1194 Aug 08 j 04:45	0°♍	
evening max el	-1194 Aug 08 j 10:45	0°♍14'33	26°42'03
retrograde	-1194 Aug 21 j 10:27	7°♍30'30	
evening set	-1194 Aug 28 j 01:45	4°♍46'56	
min. Earth dist.	-1194 Sep 01 j 02:21	0°♍38'23	0.65849 AU
	-1194 Sep 01 j 15:20	30°℞♌	
inferior conj	-1194 Sep 02 j 19:27	28°♌35'52	-2°-21'-27
minimum elong	-1194 Sep 02 j 22:53	28°♌25'38	2°20'12
morning rise	-1194 Sep 08 j 21:11	22°♌50'17	
asc. node	-1194 Sep 10 j 01:18	22°♌20'10	
direct	-1194 Sep 11 j 18:24	22°♌03'41	
morning max el	-1194 Sep 18 j 10:20	25°♌44'15	18°30'54
	-1194 Sep 22 j 01:08	0°♍	
morning set	-1194 Oct 08 j 08:25	25°♍13'06	
	-1194 Oct 11 j 07:42	0°♎	
desc. node	-1194 Oct 20 j 12:54	14°♎40'52	
superior conj	-1194 Oct 23 j 22:24	20°♎02'14	0°-21'-56
minimum elong	-1194 Oct 23 j 19:30	19°♎50'49	0°21'33
max. Earth dist.	-1194 Oct 25 j 00:04	21°♎43'14	1.44973 AU
	-1194 Oct 30 j 06:29	0°♏	
evening rise	-1194 Nov 09 j 04:27	15°♏37'22	
	-1194 Nov 18 j 07:03	0°♐	
greatest brilliancy	-1194 Nov 20 j 08:31	3°♐12'15	-0.7m
evening max el	-1194 Dec 01 j 17:42	18°♐45'37	19°09'18
asc. node	-1194 Dec 07 j 00:34	22°♐29'27	
retrograde	-1194 Dec 08 j 17:34	22°♐45'43	
evening set	-1194 Dec 11 j 23:16	21°♐44'50	
inferior conj	-1194 Dec 17 j 16:03	15°♐53'14	3°06'08
minimum elong	-1194 Dec 17 j 13:10	16°♐02'22	3°05'25
min. Earth dist.	-1194 Dec 19 j 02:13	14°♐05'09	0.65817 AU
morning rise	-1194 Dec 23 j 02:11	9°♐41'40	
direct	-1194 Dec 29 j 11:55	6°♐54'12	
morning max el	-1193 Jan 11 j 06:06	14°♐24'16	26°24'15
desc. node	-1193 Jan 16 j 12:10	20°♐12'59	
	-1193 Jan 24 j 00:39	0°♑	
	-1193 Feb 11 j 21:50	0°♒	
morning set	-1193 Feb 16 j 07:38	8°♒04'14	
max. Earth dist.	-1193 Feb 20 j 11:28	16°♒04'20	1.35034 AU
superior conj	-1193 Feb 25 j 03:53	25°♒29'37	-1°-14'-36
minimum elong	-1193 Feb 25 j 07:10	25°♒46'27	1°14'06
	-1193 Feb 27 j 08:16	0°♓	
evening rise	-1193 Mar 04 j 21:10	11°♓30'39	
asc. node	-1193 Mar 04 j 23:54	11°♓44'40	
	-1193 Mar 14 j 15:46	0°♈	
evening max el	-1193 Mar 23 j 17:44	11°♈55'57	20°44'16
retrograde	-1193 Apr 03 j 23:05	17°♈19'24	
evening set	-1193 Apr 06 j 04:50	17°♈07'23	
desc. node	-1193 Apr 14 j 11:20	13°♈41'16	
inferior conj	-1193 Apr 15 j 09:10	13°♈10'05	0°-15'-30
minimum elong	-1193 Apr 15 j 08:27	13°♈11'08	0°15'16
transit middle	-1193 Apr 15 j 08:27	13°♈11'08	0°15'16
transit begin	-1193 Apr 15 j 07:20	13°♈12'44	
transit end	-1193 Apr 15 j 09:33	13°♈09'32	
min. Earth dist.	-1193 Apr 16 j 11:46	12°♈31'59	0.55138 AU
morning rise	-1193 Apr 24 j 10:41	8°♈59'20	
direct	-1193 Apr 27 j 21:07	8°♈33'46	
morning max el	-1193 May 11 j 01:49	14°♈57'19	22°57'41
	-1193 May 22 j 17:22	0°♉	
asc. node	-1193 May 31 j 23:10	17°♉06'46	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning set	-1193 Jun 02 j 17:30	20°♉45'39	
	-1193 Jun 07 j 01:49	0°♊	
superior conj	-1193 Jun 09 j 21:57	6°♊04'29	1°21'52
minimum elong	-1193 Jun 09 j 19:24	5°♊50'54	1°21'32
max. Earth dist.	-1193 Jun 12 j 13:25	11°♊39'46	1.33955 AU
evening rise	-1193 Jun 17 j 15:55	22°♊03'36	
	-1193 Jun 21 j 19:08	0°♋	
	-1193 Jul 10 j 08:52	0°♌	
desc. node	-1193 Jul 11 j 10:38	1°♌26'56	
evening max el	-1193 Jul 21 j 22:29	13°♌36'59	27°17'27
retrograde	-1193 Aug 04 j 09:20	20°♌57'05	
evening set	-1193 Aug 11 j 10:32	18°♌12'30	
min. Earth dist.	-1193 Aug 15 j 04:30	14°♌40'53	0.64570 AU
inferior conj	-1193 Aug 17 j 10:49	12°♌12'52	-3°-12'-8
minimum elong	-1193 Aug 17 j 15:07	12°♌01'05	3°10'50
morning rise	-1193 Aug 23 j 21:23	6°♌42'42	
direct	-1193 Aug 26 j 12:49	6°♌06'15	
asc. node	-1193 Aug 27 j 22:21	6°♌16'29	
morning max el	-1193 Sep 02 j 01:02	9°♌34'44	18°03'33
	-1193 Sep 15 j 21:32	0°♍	
morning set	-1193 Sep 19 j 17:11	6°♍26'32	
superior conj	-1193 Oct 03 j 07:22	28°♍53'10	0°26'40
minimum elong	-1193 Oct 03 j 10:26	29°♍05'33	0°26'15
	-1193 Oct 03 j 23:59	0°♎	
desc. node	-1193 Oct 07 j 09:58	5°♎27'06	
max. Earth dist.	-1193 Oct 07 j 18:33	6°♎01'10	1.44560 AU
evening rise	-1193 Oct 19 j 19:20	24°♎49'06	
	-1193 Oct 23 j 04:04	0°♏	
greatest brilliancy	-1193 Nov 07 j 22:23	23°♏30'02	-0.6m
	-1193 Nov 12 j 22:54	0°♐	
evening max el	-1193 Nov 14 j 23:05	2°♐13'18	20°02'47
retrograde	-1193 Nov 22 j 14:53	6°♐42'31	
asc. node	-1193 Nov 23 j 21:35	6°♐33'08	
evening set	-1193 Nov 26 j 04:50	5°♐27'44	
	-1193 Dec 01 j 06:16	30°℞♏	
inferior conj	-1193 Dec 01 j 17:26	29°♏22'49	2°27'40
minimum elong	-1193 Dec 01 j 14:40	29°♏32'02	2°26'46
min. Earth dist.	-1193 Dec 02 j 14:17	28°♏13'15	0.66757 AU
morning rise	-1193 Dec 06 j 23:56	23°♏08'00	
direct	-1193 Dec 12 j 19:37	20°♏34'44	
morning max el	-1193 Dec 24 j 14:46	27°♏35'29	25°08'50
	-1193 Dec 26 j 21:30	0°♐	
desc. node	-1192 Jan 03 j 09:13	9°♐08'09	
	-1192 Jan 17 j 17:22	0°♑	
morning set	-1192 Jan 29 j 19:13	20°♑19'18	
max. Earth dist.	-1192 Feb 02 j 12:55	27°♑09'12	1.36761 AU
	-1192 Feb 04 j 01:19	0°♒	
superior conj	-1192 Feb 08 j 17:24	9°♒01'51	-1°-36'-27
minimum elong	-1192 Feb 08 j 21:02	9°♒19'49	1°36'04
evening rise	-1192 Feb 17 j 00:44	25°♒43'25	
	-1192 Feb 19 j 04:12	0°♓	
asc. node	-1192 Feb 19 j 20:56	1°♓22'11	
evening max el	-1192 Mar 05 j 06:48	23°♓35'49	19°35'32
retrograde	-1192 Mar 14 j 19:11	28°♓09'03	
evening set	-1192 Mar 16 j 23:48	27°♓55'37	
inferior conj	-1192 Mar 25 j 12:50	23°♓51'02	1°35'22
minimum elong	-1192 Mar 25 j 16:32	23°♓45'07	1°34'11
min. Earth dist.	-1192 Mar 28 j 02:06	22°♓13'50	0.56021 AU
desc. node	-1192 Mar 31 j 08:22	20°♓22'55	
morning rise	-1192 Apr 03 j 05:47	19°♓10'43	
direct	-1192 Apr 07 j 16:21	18°♓26'27	
morning max el	-1192 Apr 21 j 17:07	25°♓30'34	24°38'01
	-1192 Apr 25 j 21:52	0°♈	
	-1192 May 14 j 10:30	0°♉	
morning set	-1192 May 17 j 05:33	5°♉45'44	
asc. node	-1192 May 17 j 20:13	7°♉03'10	
superior conj	-1192 May 24 j 06:54	20°♉58'18	1°03'15
minimum elong	-1192 May 24 j 04:33	20°♉45'34	1°02'51
max. Earth dist.	-1192 May 25 j 19:10	24°♉14'27	1.33074 AU
	-1192 May 28 j 11:55	0°♊	
evening rise	-1192 May 31 j 14:28	6°♊26'30	
	-1192 Jun 13 j 08:34	0°♋	
desc. node	-1192 Jun 27 j 07:40	20°♋02'52	
evening max el	-1192 Jul 03 j 08:04	26°♋34'06	27°24'01
	-1192 Jul 07 j 08:51	0°♌	
retrograde	-1192 Jul 17 j 02:00	3°♌53'51	
evening set	-1192 Jul 24 j 06:43	1°♌20'21	
	-1192 Jul 26 j 00:11	30°℞♋	
min. Earth dist.	-1192 Jul 27 j 20:43	28°♋20'10	0.62929 AU
inferior conj	-1192 Jul 30 j 16:18	25°♋35'11	-3°-55'-51
minimum elong	-1192 Jul 30 j 20:39	25°♋24'31	3°54'55
morning rise	-1192 Aug 06 j 12:52	20°♋23'55	
direct	-1192 Aug 09 j 00:55	19°♋54'44	
asc. node	-1192 Aug 13 j 19:24	21°♋42'11	
morning max el	-1192 Aug 15 j 16:26	23°♋19'33	17°54'02
	-1192 Aug 20 j 23:07	0°♌	
morning set	-1192 Sep 01 j 01:19	18°♌46'29	
	-1192 Sep 07 j 10:49	0°♍	
superior conj	-1192 Sep 12 j 16:54	8°♍57'45	1°05'57
minimum elong	-1192 Sep 12 j 22:09	9°♍19'47	1°05'20
max. Earth dist.	-1192 Sep 19 j 09:58	20°♍01'05	1.43461 AU
desc. node	-1192 Sep 23 j 07:00	26°♍13'18	
	-1192 Sep 25 j 16:33	0°♎	
evening rise	-1192 Sep 28 j 01:21	3°♎41'27	
	-1192 Oct 15 j 15:57	0°♏	
greatest brilliancy	-1192 Oct 22 j 15:04	9°♏28'36	-0.5m
evening max el	-1192 Oct 27 j 22:43	15°♏41'01	21°09'31
retrograde	-1192 Nov 05 j 12:10	20°♏45'56	
evening set	-1192 Nov 09 j 12:24	19°♏15'09	
asc. node	-1192 Nov 09 j 18:35	19°♏03'00	
inferior conj	-1192 Nov 14 j 22:30	13°♏00'21	1°42'35
minimum elong	-1192 Nov 14 j 20:20	13°♏07'46	1°41'44
min. Earth dist.	-1192 Nov 15 j 07:36	12°♏29'05	0.67330 AU
morning rise	-1192 Nov 20 j 03:56	6°♏44'27	
direct	-1192 Nov 25 j 08:11	4°♏31'24	
morning max el	-1192 Dec 05 j 23:35	10°♏51'54	23°43'00
desc. node	-1192 Dec 20 j 06:16	28°♏40'37	
	-1192 Dec 21 j 04:43	0°♐	
	-1191 Jan 09 j 11:59	0°♑	
morning set	-1191 Jan 10 j 07:28	1°♑22'31	
max. Earth dist.	-1191 Jan 14 j 08:36	8°♑23'10	1.38794 AU
superior conj	-1191 Jan 21 j 17:53	21°♑51'40	-1°-52'-42
minimum elong	-1191 Jan 21 j 20:44	22°♑05'04	1°52'34
	-1191 Jan 26 j 00:06	0°♒	
evening rise	-1191 Jan 30 j 21:00	9°♒29'10	
asc. node	-1191 Feb 05 j 17:57	20°♒38'03	
	-1191 Feb 11 j 10:10	0°♓	
evening max el	-1191 Feb 16 j 05:55	5°♓51'45	18°46'16
retrograde	-1191 Feb 24 j 08:08	9°♓47'00	
evening set	-1191 Feb 26 j 16:23	9°♓28'32	
inferior conj	-1191 Mar 06 j 11:18	5°♓06'44	2°55'25
minimum elong	-1191 Mar 06 j 15:42	4°♓58'34	2°54'24
min. Earth dist.	-1191 Mar 09 j 18:43	2°♓40'42	0.57632 AU
morning rise	-1191 Mar 14 j 10:57	29°♒54'44	
	-1191 Mar 14 j 06:19	30°℞♒	
desc. node	-1191 Mar 18 j 05:24	28°♒46'29	
direct	-1191 Mar 20 j 01:06	28°♒38'16	
	-1191 Mar 25 j 21:45	0°♓	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning max el	-1191 Apr 03 j 08:56	6°♓08'03	26°08'02
	-1191 Apr 20 j 21:46	0°♈	
morning set	-1191 May 01 j 17:01	20°♈43'56	
asc. node	-1191 May 04 j 17:17	27°♈09'23	
	-1191 May 06 j 00:42	0°♉	
superior conj	-1191 May 08 j 18:06	5°♉57'50	0°41'28
minimum elong	-1191 May 08 j 16:23	5°♉48'25	0°41'08
max. Earth dist.	-1191 May 09 j 06:19	7°♉04'41	1.32559 AU
evening rise	-1191 May 15 j 19:35	21°♉08'25	
	-1191 May 20 j 05:12	0°♊	
	-1191 Jun 07 j 16:08	0°♋	
desc. node	-1191 Jun 14 j 04:39	7°♋34'07	
evening max el	-1191 Jun 15 j 12:58	8°♋53'44	26°58'03
retrograde	-1191 Jun 29 j 11:50	16°♋11'48	
evening set	-1191 Jul 06 j 10:06	14°♋03'31	
min. Earth dist.	-1191 Jul 10 j 02:45	11°♋22'23	0.60991 AU
inferior conj	-1191 Jul 13 j 08:38	8°♋35'07	-4°-27'-6
minimum elong	-1191 Jul 13 j 11:33	8°♋28'47	4°26'47
morning rise	-1191 Jul 20 j 16:03	3°♋45'31	
direct	-1191 Jul 23 j 02:55	3°♋21'24	
morning max el	-1191 Jul 30 j 05:39	6°♋51'55	18°03'18
asc. node	-1191 Jul 31 j 16:28	8°♋23'32	
	-1191 Aug 14 j 01:46	0°♌	
morning set	-1191 Aug 15 j 03:02	1°♌56'57	
superior conj	-1191 Aug 25 j 05:40	20°♌23'04	1°31'48
minimum elong	-1191 Aug 25 j 09:44	20°♌41'06	1°31'28
	-1191 Aug 30 j 18:54	0°♍	
max. Earth dist.	-1191 Sep 01 j 19:39	3°♍25'00	1.41835 AU
evening rise	-1191 Sep 07 j 17:04	13°♍02'24	
desc. node	-1191 Sep 10 j 04:00	16°♍56'04	
	-1191 Sep 18 j 16:51	0°♎	
greatest brilliancy	-1191 Oct 05 j 22:21	23°♎47'59	-0.3m
evening max el	-1191 Oct 10 j 16:28	29°♎08'39	22°25'44
	-1191 Oct 11 j 13:17	0°♏	
retrograde	-1191 Oct 20 j 07:39	4°♏52'23	
evening set	-1191 Oct 24 j 20:10	3°♏03'53	
asc. node	-1191 Oct 27 j 15:38	0°♏08'33	
	-1191 Oct 27 j 18:23	30°℞♎	
inferior conj	-1191 Oct 30 j 05:16	26°♎42'58	0°52'38
minimum elong	-1191 Oct 30 j 04:05	26°♎47'07	0°52'06
min. Earth dist.	-1191 Oct 30 j 03:44	26°♎48'19	0.67576 AU
morning rise	-1191 Nov 04 j 11:52	20°♎28'27	
direct	-1191 Nov 09 j 01:01	18°♎37'40	
morning max el	-1191 Nov 18 j 11:13	24°♎12'43	22°16'09
greatest brilliancy	-1191 Nov 23 j 03:23	29°♎28'23	-0.3m
	-1191 Nov 23 j 13:41	0°♏	
desc. node	-1191 Dec 07 j 03:17	18°♏39'05	
	-1191 Dec 14 j 15:45	0°♐	
morning set	-1191 Dec 21 j 15:01	11°♐01'09	
max. Earth dist.	-1191 Dec 27 j 05:41	20°♐16'37	1.40892 AU
	-1190 Jan 01 j 21:21	0°♑	
superior conj	-1190 Jan 04 j 00:22	3°♑45'52	-1°-59'-55
minimum elong	-1190 Jan 04 j 00:39	3°♑47'08	1°59'56
evening rise	-1190 Jan 14 j 06:45	22°♑39'25	
	-1190 Jan 18 j 05:36	0°♒	
asc. node	-1190 Jan 23 j 14:58	9°♒24'27	
evening max el	-1190 Jan 30 j 12:30	18°♒36'17	18°17'08
retrograde	-1190 Feb 06 j 15:32	22°♒09'15	
evening set	-1190 Feb 09 j 03:58	21°♒43'38	
inferior conj	-1190 Feb 16 j 06:35	17°♒00'47	3°39'39
minimum elong	-1190 Feb 16 j 09:05	16°♒55'23	3°39'20
min. Earth dist.	-1190 Feb 19 j 15:54	14°♒06'39	0.59644 AU
morning rise	-1190 Feb 23 j 10:47	11°♒25'01	
direct	-1190 Mar 01 j 22:47	9°♒29'58	
desc. node	-1190 Mar 05 j 02:27	9°♒55'56	
morning max el	-1190 Mar 16 j 05:34	17°♒13'13	27°13'08
	-1190 Mar 26 j 19:47	0°♓	
	-1190 Apr 13 j 08:48	0°♈	
morning set	-1190 Apr 16 j 02:11	5°♈33'30	
asc. node	-1190 Apr 21 j 14:20	17°♈20'21	
superior conj	-1190 Apr 23 j 05:50	20°♈56'36	0°17'20
minimum elong	-1190 Apr 23 j 05:04	20°♈52'22	0°17'11
max. Earth dist.	-1190 Apr 22 j 19:12	19°♈58'16	1.32401 AU
	-1190 Apr 27 j 09:19	0°♉	
evening rise	-1190 Apr 30 j 04:52	6°♉00'48	
	-1190 May 12 j 21:51	0°♊	
evening max el	-1190 May 28 j 11:31	20°♊29'34	26°00'19
desc. node	-1190 Jun 01 j 01:40	23°♊34'02	
retrograde	-1190 Jun 11 j 13:12	27°♊43'49	
evening set	-1190 Jun 17 j 16:22	26°♊12'20	
min. Earth dist.	-1190 Jun 22 j 00:14	23°♊32'46	0.58927 AU
inferior conj	-1190 Jun 25 j 08:13	21°♊03'34	-4°-37'-18
minimum elong	-1190 Jun 25 j 07:50	21°♊04'17	4°37'18
morning rise	-1190 Jul 03 j 03:00	16°♊36'31	
direct	-1190 Jul 05 j 14:29	16°♊15'54	
morning max el	-1190 Jul 13 j 13:39	20°♊03'22	18°32'29
asc. node	-1190 Jul 18 j 13:33	26°♊05'18	
	-1190 Jul 21 j 02:19	0°♋	
morning set	-1190 Jul 29 j 17:33	15°♋45'49	
	-1190 Aug 06 j 03:31	0°♌	
superior conj	-1190 Aug 07 j 17:16	2°♌56'57	1°44'57
minimum elong	-1190 Aug 07 j 19:02	3°♌05'14	1°44'54
max. Earth dist.	-1190 Aug 15 j 00:02	16°♌05'43	1.39903 AU
evening rise	-1190 Aug 19 j 07:42	23°♌28'51	
	-1190 Aug 23 j 06:47	0°♍	
desc. node	-1190 Aug 28 j 01:01	7°♍32'05	
	-1190 Sep 12 j 14:17	0°♎	
evening max el	-1190 Sep 23 j 06:01	12°♎39'18	23°46'02
retrograde	-1190 Oct 03 j 23:56	18°♎59'26	
evening set	-1190 Oct 09 j 02:27	16°♎52'27	
min. Earth dist.	-1190 Oct 14 j 00:14	11°♎09'35	0.67514 AU
inferior conj	-1190 Oct 14 j 12:02	10°♎29'25	0°00'-33
minimum elong	-1190 Oct 14 j 12:03	10°♎29'22	0°00'35
transit middle	-1190 Oct 14 j 12:03	10°♎29'22	0°00'35
transit begin	-1190 Oct 14 j 09:20	10°♎38'37	
transit end	-1190 Oct 14 j 14:45	10°♎20'07	
asc. node	-1190 Oct 14 j 12:41	10°♎27'10	
morning rise	-1190 Oct 19 j 21:46	4°♎19'01	
direct	-1190 Oct 23 j 21:08	2°♎49'52	
morning max el	-1190 Nov 01 j 04:51	7°♎41'39	20°56'02
greatest brilliancy	-1190 Nov 06 j 21:47	14°♎22'14	-0.5m
	-1190 Nov 18 j 01:05	0°♏	
desc. node	-1190 Nov 24 j 00:19	8°♏56'23	
morning set	-1190 Nov 30 j 20:27	19°♏28'01	
	-1190 Dec 07 j 11:56	0°♐	
max. Earth dist.	-1190 Dec 09 j 09:44	3°♐05'18	1.42766 AU
superior conj	-1190 Dec 16 j 07:24	14°♐32'02	-1°-53'-47
minimum elong	-1190 Dec 16 j 03:23	14°♐15'03	1°53'38
	-1190 Dec 25 j 05:22	0°♑	
evening rise	-1190 Dec 28 j 02:11	5°♑06'20	
asc. node	-1189 Jan 10 j 12:00	27°♑32'27	
	-1189 Jan 12 j 10:21	0°♒	
evening max el	-1189 Jan 13 j 23:34	1°♒41'11	18°07'46
retrograde	-1189 Jan 20 j 14:21	5°♒06'46	
evening set	-1189 Jan 23 j 06:45	4°♒32'45	
	-1189 Jan 29 j 07:19	30°℞♑	
inferior conj	-1189 Jan 29 j 20:14	29°♑28'12	3°54'10
minimum elong	-1189 Jan 29 j 20:20	29°♑27'58	3°54'08

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

min. Earth dist.	-1189 Feb 01 j 20:16	26°♉30'57	0.61713 AU
morning rise	-1189 Feb 05 j 07:30	23°♉36'55	
direct	-1189 Feb 12 j 06:36	21°♉09'19	
desc. node	-1189 Feb 19 j 23:30	23°♉44'55	
morning max el	-1189 Feb 26 j 08:18	28°♉58'08	27°43'56
	-1189 Feb 27 j 08:48	0°♒	
	-1189 Mar 20 j 15:44	0°♓	
morning set	-1189 Mar 31 j 07:05	20°♓07'44	
	-1189 Apr 04 j 23:58	0°♈	
max. Earth dist.	-1189 Apr 06 j 06:11	2°♈42'49	1.32612 AU
superior conj	-1189 Apr 07 j 16:26	5°♈48'43	0°-8'-20
minimum elong	-1189 Apr 07 j 16:49	5°♈50'49	0°08'15
behind sun begin	-1189 Apr 07 j 12:25	5°♈26'56	
behind sun end	-1189 Apr 07 j 21:12	6°♈14'43	
asc. node	-1189 Apr 08 j 11:22	7°♈31'56	
evening rise	-1189 Apr 14 j 16:18	20°♈56'34	
	-1189 Apr 19 j 02:32	0°♉	
	-1189 May 08 j 17:54	0°♊	
evening max el	-1189 May 10 j 04:18	1°♊26'02	24°37'40
desc. node	-1189 May 18 j 22:42	7°♊27'38	
retrograde	-1189 May 24 j 03:19	8°♊29'24	
evening set	-1189 May 28 j 23:57	7°♊36'06	
min. Earth dist.	-1189 Jun 03 j 15:59	4°♊41'34	0.57030 AU
inferior conj	-1189 Jun 06 j 12:05	2°♊51'13	-4°-14'-45
minimum elong	-1189 Jun 06 j 07:21	2°♊58'57	4°14'03
	-1189 Jun 11 j 08:07	30°℞♉	
morning rise	-1189 Jun 14 j 18:37	28°♉44'19	
direct	-1189 Jun 17 j 08:00	28°♉26'02	
	-1189 Jun 22 j 22:14	0°♊	
morning max el	-1189 Jun 26 j 13:27	2°♊43'36	19°22'26
asc. node	-1189 Jul 05 j 10:38	14°♊33'14	
morning set	-1189 Jul 13 j 17:03	0°♋02'31	
	-1189 Jul 13 j 16:33	0°♋	
superior conj	-1189 Jul 21 j 21:52	16°♋22'26	1°47'43
minimum elong	-1189 Jul 21 j 21:34	16°♋20'56	1°47'44
max. Earth dist.	-1189 Jul 28 j 02:55	28°♋10'11	1.37918 AU
	-1189 Jul 29 j 02:54	0°♌	
evening rise	-1189 Jul 31 j 23:27	5°♌07'15	
desc. node	-1189 Aug 14 j 22:02	27°♌56'17	
	-1189 Aug 16 j 06:57	0°♍	
evening max el	-1189 Sep 05 j 17:38	26°♍13'34	25°03'43
	-1189 Sep 10 j 01:46	0°♎	
retrograde	-1189 Sep 17 j 12:04	3°♎02'53	
evening set	-1189 Sep 23 j 05:32	0°♎38'15	
	-1189 Sep 23 j 22:23	30°℞♍	
min. Earth dist.	-1189 Sep 27 j 18:36	25°♍30'38	0.67139 AU
inferior conj	-1189 Sep 28 j 17:01	24°♍16'59	0°-55'-29
minimum elong	-1189 Sep 28 j 18:23	24°♍12'30	0°54'56
asc. node	-1189 Oct 01 j 09:46	20°♍54'42	
morning rise	-1189 Oct 04 j 07:43	18°♍13'53	
direct	-1189 Oct 07 j 19:12	17°♍03'55	
morning max el	-1189 Oct 15 j 06:07	21°♍20'20	19°47'50
	-1189 Oct 22 j 06:57	0°♎	
greatest brilliancy	-1189 Oct 23 j 03:19	1°♎11'01	-0.6m
morning set	-1189 Nov 09 j 17:40	27°♎39'22	
desc. node	-1189 Nov 10 j 21:22	29°♎26'39	
	-1189 Nov 11 j 05:58	0°♏	
max. Earth dist.	-1189 Nov 21 j 21:38	16°♏43'08	1.44155 AU
superior conj	-1189 Nov 26 j 11:21	24°♏02'54	-1°-30'-27
minimum elong	-1189 Nov 26 j 03:39	23°♏31'49	1°29'46
	-1189 Nov 30 j 03:07	0°♐	
evening rise	-1189 Dec 10 j 02:55	16°♐41'42	
	-1189 Dec 17 j 23:49	0°♑	
asc. node	-1189 Dec 28 j 09:02	14°♑50'33	
evening max el	-1189 Dec 28 j 12:10	14°♑58'34	18°17'33
retrograde	-1188 Jan 04 j 00:18	18°♑29'35	
evening set	-1188 Jan 06 j 20:54	17°♑46'13	
inferior conj	-1188 Jan 13 j 00:20	12°♑21'15	3°46'57
minimum elong	-1188 Jan 12 j 22:37	12°♑26'00	3°46'46
min. Earth dist.	-1188 Jan 15 j 09:57	9°♑41'45	0.63574 AU
morning rise	-1188 Jan 18 j 22:45	6°♑19'38	
direct	-1188 Jan 25 j 22:20	3°♑33'05	
desc. node	-1188 Feb 06 j 20:34	9°♑38'48	
morning max el	-1188 Feb 08 j 15:52	11°♑21'46	27°38'09
	-1188 Feb 23 j 10:49	0°♒	
	-1188 Mar 12 j 00:37	0°♓	
morning set	-1188 Mar 14 j 05:20	4°♓18'46	
max. Earth dist.	-1188 Mar 19 j 11:24	15°♓05'30	1.33212 AU
superior conj	-1188 Mar 22 j 00:08	20°♓28'20	0°-34'-37
minimum elong	-1188 Mar 22 j 01:45	20°♓37'03	0°34'18
asc. node	-1188 Mar 25 j 08:25	27°♓40'17	
	-1188 Mar 26 j 10:24	0°♈	
evening rise	-1188 Mar 29 j 04:02	5°♈49'20	
	-1188 Apr 11 j 04:57	0°♉	
evening max el	-1188 Apr 20 j 19:34	12°♉03'32	23°03'14
retrograde	-1188 May 04 j 04:39	18°♉41'39	
desc. node	-1188 May 04 j 19:45	18°♉40'46	
evening set	-1188 May 07 j 15:55	18°♉15'19	
min. Earth dist.	-1188 May 15 j 05:11	14°♉53'15	0.55638 AU
inferior conj	-1188 May 16 j 20:35	13°♉56'03	-3°-9'-14
minimum elong	-1188 May 16 j 13:42	14°♉06'04	3°07'23
morning rise	-1188 May 25 j 14:29	10°♉01'09	
direct	-1188 May 28 j 07:09	9°♉43'49	
morning max el	-1188 Jun 08 j 02:53	14°♉45'00	20°32'56
	-1188 Jun 19 j 07:43	0°♊	
asc. node	-1188 Jun 21 j 07:42	3°♊36'33	
morning set	-1188 Jun 26 j 22:43	14°♊39'42	
	-1188 Jul 04 j 09:33	0°♋	
superior conj	-1188 Jul 04 j 14:40	0°♋26'05	1°42'22
minimum elong	-1188 Jul 04 j 12:57	0°♋17'20	1°42'16
max. Earth dist.	-1188 Jul 09 j 09:49	9°♋59'30	1.36111 AU
evening rise	-1188 Jul 13 j 12:38	17°♋48'56	
	-1188 Jul 20 j 09:12	0°♌	
desc. node	-1188 Jul 31 j 19:04	18°♌02'49	
	-1188 Aug 09 j 12:49	0°♍	
evening max el	-1188 Aug 18 j 05:02	9°♍48'46	26°10'59
retrograde	-1188 Aug 30 j 19:23	16°♍57'42	
evening set	-1188 Sep 06 j 03:27	14°♍18'59	
min. Earth dist.	-1188 Sep 10 j 08:24	9°♍48'49	0.66426 AU
inferior conj	-1188 Sep 11 j 18:24	8°♍03'15	-1°-50'-30
minimum elong	-1188 Sep 11 j 21:07	7°♍54'47	1°49'26
asc. node	-1188 Sep 17 j 06:51	2°♍24'12	
morning rise	-1188 Sep 17 j 15:41	2°♍10'34	
direct	-1188 Sep 20 j 17:27	1°♍16'31	
morning max el	-1188 Sep 27 j 14:20	5°♍07'15	18°54'23
	-1188 Oct 15 j 00:29	0°♎	
morning set	-1188 Oct 19 j 06:46	6°♎43'42	
desc. node	-1188 Oct 27 j 18:23	20°♎05'46	
	-1188 Nov 03 j 01:34	0°♏	
max. Earth dist.	-1188 Nov 03 j 14:43	0°♏51'46	1.44884 AU
superior conj	-1188 Nov 04 j 16:54	2°♏34'55	0°-50'-2
minimum elong	-1188 Nov 04 j 10:39	2°♏10'16	0°49'17
evening rise	-1188 Nov 20 j 04:58	27°♏18'52	
	-1188 Nov 21 j 20:47	0°♐	
evening max el	-1188 Dec 10 j 23:36	28°♐22'16	18°45'27
	-1188 Dec 12 j 17:47	0°♑	
asc. node	-1188 Dec 14 j 06:05	1°♑04'41	
retrograde	-1188 Dec 17 j 17:12	2°♑09'24	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening set	-1188 Dec 20 j 19:05	1°♑15'24	
	-1188 Dec 22 j 12:36	30°℞♐	
inferior conj	-1188 Dec 26 j 15:05	25°♐32'29	3°24'21
minimum elong	-1188 Dec 26 j 12:25	25°♐40'37	3°23'49
min. Earth dist.	-1188 Dec 28 j 09:29	23°♐23'42	0.65103 AU
morning rise	-1187 Jan 01 j 04:40	19°♐23'40	
direct	-1187 Jan 07 j 20:50	16°♐32'57	
morning max el	-1187 Jan 21 j 01:34	24°♐13'30	26°59'04
desc. node	-1187 Jan 23 j 17:37	27°♐02'29	
	-1187 Jan 26 j 07:10	0°♑	
	-1187 Feb 15 j 19:49	0°♒	
morning set	-1187 Feb 25 j 17:41	17°♒55'18	
max. Earth dist.	-1187 Mar 02 j 06:55	26°♒54'35	1.34239 AU
	-1187 Mar 03 j 19:18	0°♓	
superior conj	-1187 Mar 06 j 02:49	4°♓47'35	-1°00'-29
minimum elong	-1187 Mar 06 j 05:35	5°♓02'04	1°00'01
asc. node	-1187 Mar 12 j 05:26	17°♓40'16	
evening rise	-1187 Mar 13 j 14:09	20°♓31'19	
	-1187 Mar 18 j 06:57	0°♈	
evening max el	-1187 Apr 02 j 16:01	22°♈50'08	21°31'27
retrograde	-1187 Apr 14 j 20:04	28°♈44'44	
evening set	-1187 Apr 17 j 07:51	28°♈30'39	
desc. node	-1187 Apr 21 j 16:47	27°♈05'34	
inferior conj	-1187 Apr 26 j 16:29	24°♈29'23	-1°-24'-18
minimum elong	-1187 Apr 26 j 12:33	24°♈34'54	1°22'57
min. Earth dist.	-1187 Apr 26 j 18:18	24°♈26'50	0.55046 AU
morning rise	-1187 May 05 j 17:47	20°♈30'00	
direct	-1187 May 08 j 18:31	20°♈09'55	
morning max el	-1187 May 21 j 05:27	26°♈03'54	22°01'22
	-1187 May 24 j 22:30	0°♉	
asc. node	-1187 Jun 08 j 04:45	23°♉05'38	
morning set	-1187 Jun 11 j 08:16	29°♉30'04	
	-1187 Jun 11 j 14:01	0°♊	
superior conj	-1187 Jun 18 j 15:52	14°♊55'58	1°30'47
minimum elong	-1187 Jun 18 j 13:27	14°♊43'14	1°30'32
max. Earth dist.	-1187 Jun 22 j 01:05	21°♊57'01	1.34628 AU
	-1187 Jun 26 j 01:45	0°♋	
evening rise	-1187 Jun 26 j 18:10	1°♋19'44	
	-1187 Jul 13 j 08:48	0°♌	
desc. node	-1187 Jul 18 j 16:07	7°♌43'31	
evening max el	-1187 Jul 31 j 16:40	23°♌17'47	27°00'12
	-1187 Aug 10 j 10:35	0°♍	
retrograde	-1187 Aug 13 j 21:40	0°♍36'49	
	-1187 Aug 17 j 04:07	30°℞♌	
evening set	-1187 Aug 20 j 17:52	27°♌51'07	
min. Earth dist.	-1187 Aug 24 j 15:19	23°♌58'56	0.65349 AU
inferior conj	-1187 Aug 26 j 14:04	21°♌44'31	-2°-43'-34
minimum elong	-1187 Aug 26 j 17:57	21°♌33'21	2°42'14
morning rise	-1187 Sep 01 j 19:27	16°♌05'25	
asc. node	-1187 Sep 04 j 03:55	15°♌24'34	
direct	-1187 Sep 04 j 13:52	15°♌23'38	
morning max el	-1187 Sep 11 j 03:27	18°♌58'00	18°17'13
	-1187 Sep 19 j 09:29	0°♍	
morning set	-1187 Sep 29 j 23:34	17°♍10'24	
	-1187 Oct 07 j 20:34	0°♎	
superior conj	-1187 Oct 14 j 18:11	11°♎01'14	0°00'-44
minimum elong	-1187 Oct 14 j 18:05	11°♎00'50	0°00'45
behind sun begin	-1187 Oct 14 j 07:01	10°♎17'01	
behind sun end	-1187 Oct 15 j 05:09	11°♎44'38	
desc. node	-1187 Oct 14 j 15:26	10°♎50'19	
max. Earth dist.	-1187 Oct 17 j 09:19	15°♎10'34	1.44879 AU
	-1187 Oct 26 j 20:17	0°♏	
evening rise	-1187 Oct 31 j 07:13	6°♏57'31	
	-1187 Nov 15 j 06:26	0°♐	
greatest brilliancy	-1187 Nov 15 j 15:24	0°♐32'56	-0.7m
evening max el	-1187 Nov 24 j 07:41	11°♐49'09	19°30'12
asc. node	-1187 Dec 01 j 03:07	16°♐00'04	
retrograde	-1187 Dec 01 j 13:44	16°♐01'11	
evening set	-1187 Dec 04 j 22:36	14°♐54'46	
inferior conj	-1187 Dec 10 j 13:22	8°♐56'57	2°50'48
minimum elong	-1187 Dec 10 j 10:28	9°♐06'22	2°49'58
min. Earth dist.	-1187 Dec 11 j 17:41	7°♐25'00	0.66256 AU
morning rise	-1187 Dec 15 j 21:35	2°♐43'27	
direct	-1187 Dec 22 j 01:31	0°♐01'02	
morning max el	-1186 Jan 03 j 10:59	7°♐21'04	25°54'07
desc. node	-1186 Jan 10 j 14:39	15°♐30'04	
	-1186 Jan 21 j 03:29	0°♑	
	-1186 Feb 08 j 06:07	0°♒	
morning set	-1186 Feb 08 j 15:54	0°♒44'58	
max. Earth dist.	-1186 Feb 12 j 14:24	8°♒09'49	1.35719 AU
superior conj	-1186 Feb 17 j 22:02	18°♒39'32	-1°-24'-22
minimum elong	-1186 Feb 18 j 01:34	18°♒57'24	1°23'55
	-1186 Feb 23 j 10:57	0°♓	
evening rise	-1186 Feb 25 j 20:44	4°♓56'32	
asc. node	-1186 Feb 27 j 02:27	7°♓27'24	
	-1186 Mar 12 j 05:51	0°♈	
evening max el	-1186 Mar 15 j 22:43	4°♈08'33	20°12'43
retrograde	-1186 Mar 26 j 10:44	9°♈09'56	
evening set	-1186 Mar 28 j 14:39	8°♈58'04	
inferior conj	-1186 Apr 06 j 13:20	4°♈59'27	0°34'09
minimum elong	-1186 Apr 06 j 14:52	4°♈57'11	0°33'37
min. Earth dist.	-1186 Apr 08 j 08:24	3°♈55'26	0.55407 AU
desc. node	-1186 Apr 08 j 13:48	3°♈47'30	
morning rise	-1186 Apr 15 j 12:32	0°♈36'46	
direct	-1186 Apr 19 j 08:01	0°♈04'59	
morning max el	-1186 May 02 j 23:29	6°♈48'20	23°40'36
	-1186 May 19 j 12:12	0°♉	
asc. node	-1186 May 26 j 01:47	12°♉53'35	
morning set	-1186 May 26 j 19:52	14°♉28'00	
superior conj	-1186 Jun 02 j 22:39	29°♉43'15	1°14'25
minimum elong	-1186 Jun 02 j 20:08	29°♉29'42	1°14'02
	-1186 Jun 03 j 01:46	0°♊	
max. Earth dist.	-1186 Jun 05 j 01:55	4°♊17'06	1.33531 AU
evening rise	-1186 Jun 10 j 11:34	15°♊27'00	
	-1186 Jun 18 j 03:44	0°♋	
desc. node	-1186 Jul 05 j 13:08	26°♋47'16	
	-1186 Jul 08 j 03:16	0°♌	
evening max el	-1186 Jul 14 j 03:36	6°♌30'07	27°24'06
retrograde	-1186 Jul 27 j 18:13	13°♌51'21	
evening set	-1186 Aug 03 j 21:46	11°♌09'42	
min. Earth dist.	-1186 Aug 07 j 13:28	7°♌52'27	0.63904 AU
inferior conj	-1186 Aug 10 j 01:34	5°♌15'36	-3°-31'-52
minimum elong	-1186 Aug 10 j 06:02	5°♌03'54	3°30'41
	-1186 Aug 16 j 10:06	30°℞♋	
morning rise	-1186 Aug 16 j 16:18	29°♋53'10	
direct	-1186 Aug 19 j 05:51	29°♋20'17	
asc. node	-1186 Aug 22 j 00:58	29°♋59'41	
	-1186 Aug 22 j 01:15	0°♌	
morning max el	-1186 Aug 25 j 18:48	2°♌46'32	17°57'16
morning set	-1186 Sep 11 j 18:57	28°♌53'29	
	-1186 Sep 12 j 10:25	0°♍	
superior conj	-1186 Sep 24 j 12:27	20°♍20'08	0°44'52
minimum elong	-1186 Sep 24 j 16:59	20°♍38'42	0°44'16
max. Earth dist.	-1186 Sep 30 j 02:13	29°♍20'26	1.44159 AU
	-1186 Sep 30 j 12:09	0°♎	
desc. node	-1186 Oct 01 j 12:28	1°♎36'41	
evening rise	-1186 Oct 10 j 16:05	15°♎54'42	
	-1186 Oct 19 j 22:00	0°♏	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

greatest brilliancy	-1186 Nov 01 j 06:40	17♏50'40	-0.5m
evening max el	-1186 Nov 07 j 10:41	25♏16'39	20°29'48
retrograde	-1186 Nov 15 j 11:15	0♐00'39	
	-1186 Nov 15 j 02:57	0♐	
	-1186 Nov 15 j 19:29	30°℞♏	
asc. node	-1186 Nov 18 j 00:10	29♏23'46	
evening set	-1186 Nov 19 j 05:13	28♏39'33	
inferior conj	-1186 Nov 24 j 16:34	22♏30'09	2°09'16
minimum elong	-1186 Nov 24 j 14:01	22♏38'48	2°08'21
min. Earth dist.	-1186 Nov 25 j 08:21	21♏36'43	0.67040 AU
morning rise	-1186 Nov 29 j 22:18	16♏14'25	
direct	-1186 Dec 05 j 11:32	13♏48'56	
morning max el	-1186 Dec 16 j 19:20	20♏34'11	24°32'57
	-1186 Dec 24 j 22:12	0♐	
desc. node	-1186 Dec 28 j 11:41	4♐42'31	
	-1185 Jan 14 j 08:35	0♑	
morning set	-1185 Jan 21 j 18:21	12♑31'27	
max. Earth dist.	-1185 Jan 25 j 11:57	19♑11'28	1.37599 AU
	-1185 Jan 31 j 06:39	0♒	
superior conj	-1185 Feb 01 j 06:32	1♒55'03	-1°-44'-13
minimum elong	-1185 Feb 01 j 10:01	2♒11'54	1°43'56
evening rise	-1185 Feb 09 j 21:30	18♒58'15	
asc. node	-1185 Feb 13 j 23:29	26♒56'18	
	-1185 Feb 15 j 14:47	0♓	
evening max el	-1185 Feb 26 j 16:25	16♓04'48	19°12'09
retrograde	-1185 Mar 07 j 12:56	20♓19'30	
evening set	-1185 Mar 09 j 18:54	20♓04'16	
inferior conj	-1185 Mar 18 j 00:16	15♓53'34	2°13'45
minimum elong	-1185 Mar 18 j 04:44	15♓46'00	2°12'29
min. Earth dist.	-1185 Mar 20 j 23:41	13♓53'25	0.56638 AU
morning rise	-1185 Mar 26 j 10:33	10♓59'12	
desc. node	-1185 Mar 26 j 10:49	10♓58'58	
direct	-1185 Mar 31 j 09:18	10♓02'20	
morning max el	-1185 Apr 14 j 14:08	17♓19'31	25°18'24
	-1185 Apr 24 j 23:35	0♈	
morning set	-1185 May 11 j 07:53	29♈28'03	
	-1185 May 11 j 13:57	0♉	
asc. node	-1185 May 12 j 22:49	2♉54'44	
superior conj	-1185 May 18 j 08:49	14♉40'36	0°54'21
minimum elong	-1185 May 18 j 06:41	14♉29'00	0°53'58
max. Earth dist.	-1185 May 19 j 10:20	16♉59'35	1.32811 AU
evening rise	-1185 May 25 j 13:17	29♉59'40	
	-1185 May 25 j 13:21	0♊	
	-1185 Jun 11 j 05:48	0♋	
desc. node	-1185 Jun 22 j 10:07	14♋58'47	
evening max el	-1185 Jun 26 j 11:44	19♋13'44	27°17'10
retrograde	-1185 Jul 10 j 08:15	26♋32'42	
evening set	-1185 Jul 17 j 11:24	24♋08'37	
min. Earth dist.	-1185 Jul 21 j 01:33	21♋18'03	0.62128 AU
inferior conj	-1185 Jul 24 j 01:58	18♋30'08	-4°-11'-6
minimum elong	-1185 Jul 24 j 05:55	18♋20'54	4°10'26
morning rise	-1185 Jul 31 j 03:02	13♋27'30	
direct	-1185 Aug 02 j 14:17	13♋00'42	
asc. node	-1185 Aug 08 j 22:02	15♋59'35	
morning max el	-1185 Aug 09 j 09:36	16♋27'03	17°55'34
	-1185 Aug 18 j 22:26	0♌	
morning set	-1185 Aug 25 j 11:20	11♌37'14	
	-1185 Sep 04 j 19:58	0♍	
superior conj	-1185 Sep 05 j 09:51	0♍59'41	1°18'34
minimum elong	-1185 Sep 05 j 14:52	1♍21'14	1°18'04
max. Earth dist.	-1185 Sep 12 j 15:22	13♍06'39	1.42826 AU
desc. node	-1185 Sep 18 j 09:30	22♍21'54	
evening rise	-1185 Sep 20 j 00:07	24♍53'49	
	-1185 Sep 23 j 06:57	0♎	
	-1185 Oct 13 j 23:28	0♏	
greatest brilliancy	-1185 Oct 16 j 10:31	3♏08'59	-0.4m
evening max el	-1185 Oct 21 j 07:52	8♏44'32	21°41'06
retrograde	-1185 Oct 30 j 07:49	14♏05'20	
evening set	-1185 Nov 03 j 13:04	12♏27'17	
asc. node	-1185 Nov 04 j 21:12	11♏14'45	
inferior conj	-1185 Nov 08 j 22:35	6♏09'42	1°21'54
minimum elong	-1185 Nov 08 j 20:48	6♏15'52	1°21'09
min. Earth dist.	-1185 Nov 09 j 03:07	5♏54'02	0.67479 AU
morning rise	-1185 Nov 14 j 04:16	29♎54'10	
	-1185 Nov 14 j 01:34	30°℞♎	
direct	-1185 Nov 19 j 02:08	27♎50'17	
	-1185 Nov 24 j 18:11	0♏	
morning max el	-1185 Nov 29 j 04:43	3♏51'04	23°05'37
greatest brilliancy	-1185 Dec 04 j 02:38	9♏21'32	-0.3m
desc. node	-1185 Dec 15 j 08:45	24♏26'58	
	-1185 Dec 19 j 03:56	0♐	
morning set	-1184 Jan 02 j 18:45	22♐58'41	
	-1184 Jan 06 j 22:19	0♑	
max. Earth dist.	-1184 Jan 07 j 07:19	0♑38'48	1.39700 AU
superior conj	-1184 Jan 15 j 00:03	14♑22'56	-1°-57'-7
minimum elong	-1184 Jan 15 j 02:03	14♑32'09	1°57'04
	-1184 Jan 23 j 06:30	0♒	
evening rise	-1184 Jan 24 j 13:42	2♒29'34	
asc. node	-1184 Jan 31 j 20:31	16♒00'28	
evening max el	-1184 Feb 09 j 19:08	28♒34'01	18°31'25
	-1184 Feb 11 j 10:43	0♓	
retrograde	-1184 Feb 17 j 09:49	2♓17'35	
evening set	-1184 Feb 19 j 20:05	1♓56'06	
	-1184 Feb 23 j 19:47	30°℞♒	
inferior conj	-1184 Feb 27 j 07:40	27♒25'24	3°18'20
minimum elong	-1184 Feb 27 j 11:27	27♒17'56	3°17'38
min. Earth dist.	-1184 Mar 01 j 17:38	24♒44'41	0.58465 AU
morning rise	-1184 Mar 05 j 23:02	22♒02'34	
direct	-1184 Mar 11 j 23:45	20♒29'49	
desc. node	-1184 Mar 12 j 07:52	20♒30'07	
morning max el	-1184 Mar 26 j 07:26	28♒05'35	26°39'31
	-1184 Mar 28 j 04:20	0♓	
	-1184 Apr 17 j 12:07	0♈	
morning set	-1184 Apr 24 j 18:36	14♈23'24	
asc. node	-1184 Apr 28 j 19:51	23♈03'22	
superior conj	-1184 May 01 j 20:27	29♈40'30	0°31'29
minimum elong	-1184 May 01 j 19:05	29♈33'05	0°31'13
	-1184 May 02 j 00:00	0♉	
max. Earth dist.	-1184 May 01 j 22:53	29♈53'52	1.32452 AU
evening rise	-1184 May 08 j 20:29	14♉47'19	
	-1184 May 16 j 13:47	0♊	
	-1184 Jun 06 j 07:31	0♋	
evening max el	-1184 Jun 07 j 14:17	1♋15'50	26°37'09
desc. node	-1184 Jun 08 j 07:08	1♋55'14	
retrograde	-1184 Jun 21 j 14:21	8♋31'41	
evening set	-1184 Jun 28 j 06:13	6♋38'12	
min. Earth dist.	-1184 Jul 02 j 03:36	4♋00'03	0.60120 AU
inferior conj	-1184 Jul 05 j 11:38	1♋18'07	-4°-34'-39
minimum elong	-1184 Jul 05 j 13:23	1♋14'33	4°34'33
	-1184 Jul 07 j 02:48	30°℞♊	
morning rise	-1184 Jul 12 j 23:48	26♊37'52	
direct	-1184 Jul 15 j 10:54	26♊15'15	
morning max el	-1184 Jul 22 j 20:55	29♊51'16	18°13'12
	-1184 Jul 23 j 00:32	0♋	
asc. node	-1184 Jul 25 j 19:07	3♋08'15	
morning set	-1184 Aug 07 j 19:02	25♋05'35	
	-1184 Aug 10 j 09:27	0♌	
superior conj	-1184 Aug 17 j 09:02	12♌55'56	1°38'49

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1184 Aug 17 j 12:10	13°♌10'06	1°38'37
max. Earth dist.	-1184 Aug 24 j 23:11	26°♌14'38	1.41042 AU
	-1184 Aug 27 j 04:45	0°♍	
evening rise	-1184 Aug 30 j 00:40	4°♍39'52	
desc. node	-1184 Sep 04 j 06:31	13°♍02'11	
	-1184 Sep 15 j 13:46	0°♎	
greatest brilliancy	-1184 Sep 27 j 17:39	16°♎19'59	-0.2m
evening max el	-1184 Oct 02 j 23:40	22°♎13'17	22°59'46
retrograde	-1184 Oct 13 j 02:00	28°♎12'31	
evening set	-1184 Oct 17 j 20:26	26°♎15'58	
asc. node	-1184 Oct 21 j 18:16	21°♎54'08	
inferior conj	-1184 Oct 23 j 05:35	19°♎53'48	0°30'22
minimum elong	-1184 Oct 23 j 04:52	19°♎56'15	0°30'03
min. Earth dist.	-1184 Oct 22 j 23:37	20°♎14'20	0.67591 AU
morning rise	-1184 Oct 28 j 13:18	13°♎40'59	
direct	-1184 Nov 01 j 20:25	11°♎59'41	
morning max el	-1184 Nov 10 j 18:40	17°♎15'05	21°40'58
greatest brilliancy	-1184 Nov 15 j 17:25	22°♎53'25	-0.4m
	-1184 Nov 21 j 03:07	0°♏	
desc. node	-1184 Dec 01 j 05:48	14°♏34'18	
	-1184 Dec 11 j 07:03	0°♐	
morning set	-1184 Dec 12 j 14:09	2°♐03'07	
max. Earth dist.	-1184 Dec 19 j 07:41	12°♐58'10	1.41732 AU
superior conj	-1184 Dec 26 j 21:17	25°♐50'00	-1°-59'-13
minimum elong	-1184 Dec 26 j 19:53	25°♐43'56	1°59'13
	-1184 Dec 29 j 06:08	0°♑	
evening rise	-1183 Jan 06 j 17:56	15°♑23'01	
	-1183 Jan 14 j 21:53	0°♒	
asc. node	-1183 Jan 17 j 17:34	4°♒32'09	
evening max el	-1183 Jan 23 j 04:00	11°♒28'27	18°10'44
retrograde	-1183 Jan 30 j 00:35	14°♒56'52	
evening set	-1183 Feb 01 j 14:43	14°♒27'46	
inferior conj	-1183 Feb 08 j 11:18	9°♒35'18	3°48'57
minimum elong	-1183 Feb 08 j 12:45	9°♒31'57	3°48'50
min. Earth dist.	-1183 Feb 11 j 17:27	6°♒37'10	0.60529 AU
morning rise	-1183 Feb 15 j 07:51	3°♒52'00	
direct	-1183 Feb 22 j 01:45	1°♒42'14	
desc. node	-1183 Feb 27 j 04:55	2°♒51'16	
morning max el	-1183 Mar 08 j 06:57	9°♒28'14	27°30'50
	-1183 Mar 24 j 02:43	0°♓	
morning set	-1183 Apr 09 j 02:16	29°♓07'55	
	-1183 Apr 09 j 12:19	0°♈	
max. Earth dist.	-1183 Apr 15 j 11:40	12°♈46'40	1.32450 AU
asc. node	-1183 Apr 15 j 16:55	13°♈15'20	
superior conj	-1183 Apr 16 j 07:55	14°♈37'24	0°06'37
minimum elong	-1183 Apr 16 j 07:37	14°♈35'45	0°06'34
behind sun begin	-1183 Apr 16 j 03:00	14°♈10'31	
behind sun end	-1183 Apr 16 j 12:14	15°♈00'59	
evening rise	-1183 Apr 23 j 06:57	29°♈42'17	
	-1183 Apr 23 j 10:19	0°♉	
	-1183 May 10 j 02:05	0°♊	
evening max el	-1183 May 20 j 09:57	12°♊32'53	25°27'23
desc. node	-1183 May 26 j 04:09	17°♊06'11	
retrograde	-1183 Jun 03 j 11:05	19°♊43'50	
evening set	-1183 Jun 09 j 02:41	18°♊28'51	
min. Earth dist.	-1183 Jun 13 j 21:56	15°♊44'58	0.58089 AU
inferior conj	-1183 Jun 17 j 03:04	13°♊29'48	-4°-32'-28
minimum elong	-1183 Jun 17 j 00:49	13°♊33'46	4°32'18
morning rise	-1183 Jun 25 j 02:52	9°♊12'14	
direct	-1183 Jun 27 j 15:11	8°♊52'41	
morning max el	-1183 Jul 06 j 01:48	12°♊50'40	18°51'10
asc. node	-1183 Jul 12 j 16:11	21°♊10'57	
	-1183 Jul 17 j 19:26	0°♋	
morning set	-1183 Jul 22 j 13:45	9°♋07'07	
superior conj	-1183 Jul 31 j 04:34	25°♋53'47	1°47'16
minimum elong	-1183 Jul 31 j 05:23	25°♋57'43	1°47'15
	-1183 Aug 02 j 08:48	0°♌	
max. Earth dist.	-1183 Aug 07 j 02:20	8°♌38'07	1.39051 AU
evening rise	-1183 Aug 11 j 02:08	15°♌36'42	
	-1183 Aug 19 j 20:34	0°♍	
desc. node	-1183 Aug 22 j 03:32	3°♍33'37	
	-1183 Sep 10 j 06:23	0°♎	
evening max el	-1183 Sep 15 j 11:55	5°♎44'31	24°19'49
retrograde	-1183 Sep 26 j 16:41	12°♎18'35	
evening set	-1183 Oct 02 j 01:36	10°♎03'32	
inferior conj	-1183 Oct 07 j 11:47	3°♎40'36	0°-23'-47
minimum elong	-1183 Oct 07 j 12:22	3°♎38'40	0°23'33
min. Earth dist.	-1183 Oct 06 j 19:28	4°♎35'31	0.67391 AU
asc. node	-1183 Oct 08 j 15:22	2°♎08'49	
	-1183 Oct 10 j 09:08	30°℞♍	
morning rise	-1183 Oct 12 j 23:26	27°♍33'08	
direct	-1183 Oct 16 j 17:24	26°♍12'45	
	-1183 Oct 23 j 19:52	0°♎	
morning max el	-1183 Oct 24 j 15:38	0°♎48'28	20°25'24
greatest brilliancy	-1183 Oct 31 j 02:49	8°♎33'32	-0.5m
	-1183 Nov 14 j 20:52	0°♏	
desc. node	-1183 Nov 18 j 02:50	4°♏57'29	
morning set	-1183 Nov 21 j 13:03	10°♏14'20	
max. Earth dist.	-1183 Dec 01 j 15:10	26°♏09'01	1.43420 AU
	-1183 Dec 04 j 00:18	0°♐	
superior conj	-1183 Dec 07 j 16:51	6°♐03'18	-1°-46'-8
minimum elong	-1183 Dec 07 j 10:55	5°♐38'48	1°45'46
evening rise	-1183 Dec 20 j 05:58	27°♐28'56	
	-1183 Dec 21 j 16:31	0°♑	
asc. node	-1182 Jan 04 j 14:38	22°♑20'24	
evening max el	-1182 Jan 06 j 15:59	24°♑38'51	18°09'38
retrograde	-1182 Jan 13 j 04:47	28°♑05'45	
evening set	-1182 Jan 15 j 22:45	27°♑28'03	
inferior conj	-1182 Jan 22 j 07:36	22°♑14'35	3°53'19
minimum elong	-1182 Jan 22 j 06:49	22°♑16'36	3°53'16
min. Earth dist.	-1182 Jan 25 j 01:50	19°♑22'34	0.62531 AU
morning rise	-1182 Jan 28 j 12:50	16°♑18'07	
direct	-1182 Feb 04 j 13:07	13°♑40'32	
desc. node	-1182 Feb 14 j 01:59	17°♑37'28	
morning max el	-1182 Feb 18 j 12:12	21°♑30'59	27°45'54
	-1182 Feb 25 j 22:34	0°♒	
	-1182 Mar 17 j 03:52	0°♓	
morning set	-1182 Mar 24 j 04:41	13°♓33'25	
max. Earth dist.	-1182 Mar 29 j 20:38	25°♓23'05	1.32814 AU
superior conj	-1182 Mar 31 j 17:30	29°♓24'43	0°-19'-27
minimum elong	-1182 Mar 31 j 18:24	29°♓29'38	0°19'16
	-1182 Apr 01 j 00:01	0°♈	
asc. node	-1182 Apr 02 j 13:58	3°♈25'55	
evening rise	-1182 Apr 07 j 18:42	14°♈37'09	
	-1182 Apr 15 j 12:52	0°♉	
evening max el	-1182 May 02 j 01:08	23°♉17'14	23°58'00
desc. node	-1182 May 13 j 01:10	29°♉55'04	
	-1182 May 13 j 11:11	0°♊	
retrograde	-1182 May 15 j 20:21	0°♊12'58	
	-1182 May 18 j 05:56	30°℞♉	
evening set	-1182 May 20 j 02:13	29°♉32'59	
min. Earth dist.	-1182 May 26 j 12:19	26°♉27'57	0.56354 AU
inferior conj	-1182 May 28 j 22:19	24°♉58'41	-3°-52'-29
minimum elong	-1182 May 28 j 16:09	25°♉08'14	3°51'15
morning rise	-1182 Jun 06 j 09:54	20°♉58'33	
direct	-1182 Jun 09 j 00:09	20°♉41'05	
morning max el	-1182 Jun 18 j 21:30	25°♉15'48	19°50'00
	-1182 Jun 23 j 03:14	0°♊	
asc. node	-1182 Jun 29 j 13:15	9°♊55'08	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning set	-1182 Jul 06 j 16:10	23°♊33'20		
	-1182 Jul 09 j 20:24	0°♋		
superior conj	-1182 Jul 14 j 14:54	9°♋37'28	1°46'19	
minimum elong	-1182 Jul 14 j 13:55	9°♋32'31	1°46'18	
max. Earth dist.	-1182 Jul 20 j 05:45	20°♋31'15	1.37113 AU	
evening rise	-1182 Jul 24 j 03:37	27°♋44'00		
	-1182 Jul 25 j 10:01	0°♌		
desc. node	-1182 Aug 09 j 00:33	23°♌51'16		
	-1182 Aug 13 j 05:47	0°♍		
evening max el	-1182 Aug 28 j 23:09	19°♍19'40	25°34'04	
retrograde	-1182 Sep 10 j 03:03	26°♍19'25		
evening set	-1182 Sep 16 j 02:45	23°♍48'10		
min. Earth dist.	-1182 Sep 20 j 12:15	18°♍56'07	0.66873 AU	
inferior conj	-1182 Sep 21 j 15:29	17°♍28'30	-1°-18'-56	
minimum elong	-1182 Sep 21 j 17:26	17°♍22'13	1°18'08	
asc. node	-1182 Sep 25 j 12:25	12°♍57'47		
morning rise	-1182 Sep 27 j 08:47	11°♍29'19		
direct	-1182 Sep 30 j 15:45	10°♍26'41		
morning max el	-1182 Oct 07 j 20:03	14°♍31'28	19°23'09	
greatest brilliancy	-1182 Oct 17 j 10:04	26°♍58'13	-0.7m	
	-1182 Oct 19 j 11:02	0°♎		
morning set	-1182 Oct 31 j 14:27	18°♎41'12		
desc. node	-1182 Nov 04 j 23:54	25°♎32'09		
	-1182 Nov 07 j 20:25	0°♏		
max. Earth dist.	-1182 Nov 14 j 05:06	10°♏00'21	1.44548 AU	
superior conj	-1182 Nov 17 j 09:57	15°♏05'18	-1°-15'-7	
minimum elong	-1182 Nov 17 j 02:04	14°♏33'53	1°14'17	
	-1182 Nov 26 j 15:31	0°♐		
evening rise	-1182 Dec 01 j 21:27	8°♐39'53		
	-1182 Dec 15 j 00:09	0°♑		
evening max el	-1182 Dec 21 j 04:23	7°♑59'23	18°27'17	
asc. node	-1182 Dec 22 j 11:40	9°♑13'01		
retrograde	-1182 Dec 27 j 17:59	11°♑36'01		
evening set	-1182 Dec 30 j 16:37	10°♑48'27		
inferior conj	-1181 Jan 05 j 16:37	5°♑15'49	3°38'55	
minimum elong	-1181 Jan 05 j 14:24	5°♑22'15	3°38'35	
min. Earth dist.	-1181 Jan 07 j 19:51	2°♑47'53	0.64271 AU	
	-1181 Jan 10 j 12:24	30°℞♐		
morning rise	-1181 Jan 11 j 10:48	29°♐10'45		
direct	-1181 Jan 18 j 08:08	26°♐20'18		
	-1181 Jan 27 j 04:34	0°♑		
desc. node	-1181 Jan 31 j 23:03	4°♑12'49		
morning max el	-1181 Jan 31 j 20:53	4°♑07'22	27°25'07	
	-1181 Feb 20 j 10:40	0°♒		
morning set	-1181 Mar 07 j 23:08	27°♒30'51		
	-1181 Mar 09 j 05:17	0°♓		
max. Earth dist.	-1181 Mar 12 j 21:49	7°♓30'32	1.33588 AU	
superior conj	-1181 Mar 15 j 23:19	13°♓56'21	0°-45'-43	
minimum elong	-1181 Mar 16 j 01:27	14°♓07'42	0°45'20	
asc. node	-1181 Mar 20 j 11:00	23°♓31'04		
evening rise	-1181 Mar 23 j 05:55	29°♓25'34		
	-1181 Mar 23 j 12:30	0°♈		
	-1181 Apr 10 j 02:55	0°♉		
evening max el	-1181 Apr 13 j 17:55	3°♉55'35	22°23'13	
retrograde	-1181 Apr 26 j 16:46	10°♉16'56		
evening set	-1181 Apr 29 j 15:54	9°♉57'37		
desc. node	-1181 Apr 29 j 22:12	9°♉54'08		
min. Earth dist.	-1181 May 08 j 01:36	6°♉19'50	0.55271 AU	
inferior conj	-1181 May 09 j 00:10	5°♉47'52	-2°-28'-32	
minimum elong	-1181 May 08 j 17:56	5°♉56'44	2°26'36	
morning rise	-1181 May 17 j 21:57	1°♉52'59		
direct	-1181 May 20 j 17:01	1°♉35'09		
morning max el	-1181 Jun 01 j 06:11	6°♉58'59	21°08'37	
asc. node	-1181 Jun 16 j 10:17	29°♉10'22		
	-1181 Jun 16 j 20:36	0°♊		
morning set	-1181 Jun 20 j 23:42	8°♊16'47		
superior conj	-1181 Jun 28 j 11:39	23°♊53'24	1°38'07	
minimum elong	-1181 Jun 28 j 09:33	23°♊42'33	1°37'58	
	-1181 Jul 01 j 11:31	0°♋		
max. Earth dist.	-1181 Jul 02 j 15:46	2°♋21'20	1.35437 AU	
evening rise	-1181 Jul 07 j 00:22	10°♋48'40		
	-1181 Jul 17 j 21:55	0°♌		
desc. node	-1181 Jul 26 j 21:33	13°♌47'58		
	-1181 Aug 08 j 14:58	0°♍		
evening max el	-1181 Aug 11 j 10:50	2°♍54'07	26°34'40	
retrograde	-1181 Aug 24 j 08:17	10°♍08'20		
evening set	-1181 Aug 30 j 21:46	7°♍25'54		
min. Earth dist.	-1181 Sep 03 j 23:32	3°♍11'39	0.66012 AU	
inferior conj	-1181 Sep 05 j 14:42	1°♍13'33	-2°-13'-22	
minimum elong	-1181 Sep 05 j 17:58	1°♍03'44	2°12'10	
	-1181 Sep 06 j 15:21	30°℞♌		
morning rise	-1181 Sep 11 j 15:14	25°♌25'56		
asc. node	-1181 Sep 12 j 09:28	25°♌04'07		
direct	-1181 Sep 14 j 13:35	24°♌37'27		
morning max el	-1181 Sep 21 j 06:32	28°♌20'20	18°36'26	
	-1181 Sep 22 j 19:11	0°♍		
morning set	-1181 Oct 11 j 14:50	28°♍19'39		
	-1181 Oct 12 j 15:53	0°♎		
desc. node	-1181 Oct 22 j 20:56	16°♎13'59		
superior conj	-1181 Oct 27 j 10:52	23°♎27'05	0°-29'-27	
minimum elong	-1181 Oct 27 j 06:59	23°♎11'49	0°28'58	
max. Earth dist.	-1181 Oct 27 j 23:04	24°♎15'05	1.44979 AU	
	-1181 Oct 31 j 14:47	0°♏		
evening rise	-1181 Nov 12 j 13:05	18°♏51'02		
	-1181 Nov 19 j 13:22	0°♐		
evening max el	-1181 Dec 04 j 14:41	21°♐25'06	19°02'35	
asc. node	-1181 Dec 09 j 08:41	24°♐55'30		
retrograde	-1181 Dec 11 j 12:39	25°♐21'25		
evening set	-1181 Dec 14 j 17:20	24°♐22'19		
inferior conj	-1181 Dec 20 j 10:53	18°♐32'51	3°11'15	
minimum elong	-1181 Dec 20 j 08:02	18°♐41'47	3°10'33	
min. Earth dist.	-1181 Dec 21 j 23:08	16°♐39'19	0.65646 AU	
morning rise	-1181 Dec 25 j 21:50	12°♐22'02		
direct	-1180 Jan 01 j 09:24	9°♐33'24		
morning max el	-1180 Jan 14 j 06:24	17°♐06'18	26°34'02	
desc. node	-1180 Jan 18 j 20:08	22°♐06'18		
	-1180 Jan 25 j 01:39	0°♑		
	-1180 Feb 13 j 07:48	0°♒		
morning set	-1180 Feb 19 j 06:03	10°♒49'09		
max. Earth dist.	-1180 Feb 23 j 12:09	19°♒03'40	1.34811 AU	
superior conj	-1180 Feb 27 j 23:12	28°♒05'24	-1°-10'-58	
minimum elong	-1180 Feb 28 j 02:22	28°♒21'43	1°10'28	
	-1180 Feb 28 j 21:22	0°♓		
asc. node	-1180 Mar 06 j 08:01	13°♓26'31		
evening rise	-1180 Mar 06 j 14:48	14°♓01'32		
	-1180 Mar 14 j 21:11	0°♈		
evening max el	-1180 Mar 25 j 18:31	14°♈54'49	20°56'03	
retrograde	-1180 Apr 06 j 05:52	20°♈26'26		
evening set	-1180 Apr 08 j 12:49	20°♈14'05		
desc. node	-1180 Apr 15 j 19:14	17°♈22'48		
inferior conj	-1180 Apr 17 j 18:41	16°♈16'21	0°-33'-43	
minimum elong	-1180 Apr 17 j 17:05	16°♈18'37	0°33'09	
min. Earth dist.	-1180 Apr 18 j 14:58	15°♈47'34	0.55082 AU	
morning rise	-1180 Apr 26 j 20:30	12°♈09'16		
direct	-1180 Apr 30 j 04:07	11°♈45'27		
morning max el	-1180 May 13 j 04:30	18°♈01'22	22°42'49	
	-1180 May 22 j 20:24	0°♉		
asc. node	-1180 Jun 02 j 07:20	18°♉48'48		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning set	-1180 Jun 04 j 10:22	23°♉11'46	
	-1180 Jun 07 j 15:34	0°♊	
superior conj	-1180 Jun 11 j 15:32	8°♊32'02	1°24'21
minimum elong	-1180 Jun 11 j 13:00	8°♊18'35	1°24'03
max. Earth dist.	-1180 Jun 14 j 11:33	14°♊29'45	1.34120 AU
evening rise	-1180 Jun 19 j 11:29	24°♊37'05	
	-1180 Jun 22 j 06:27	0°♋	
	-1180 Jul 10 j 10:13	0°♌	
desc. node	-1180 Jul 12 j 18:33	3°♌14'39	
evening max el	-1180 Jul 23 j 22:37	16°♌18'28	27°13'46
retrograde	-1180 Aug 06 j 07:56	23°♌38'09	
evening set	-1180 Aug 13 j 08:05	20°♌52'54	
min. Earth dist.	-1180 Aug 17 j 02:54	17°♌16'08	0.64789 AU
inferior conj	-1180 Aug 19 j 07:15	14°♌51'27	-3°-4'-48
minimum elong	-1180 Aug 19 j 11:28	14°♌39'45	3°03'30
morning rise	-1180 Aug 25 j 16:26	9°♌18'54	
direct	-1180 Aug 28 j 08:36	8°♌41'07	
asc. node	-1180 Aug 29 j 06:31	8°♌45'33	
morning max el	-1180 Sep 03 j 20:53	12°♌10'42	18°06'30
	-1180 Sep 16 j 05:21	0°♍	
morning set	-1180 Sep 21 j 19:31	9°♍20'59	
	-1180 Oct 04 j 08:53	0°♎	
superior conj	-1180 Oct 05 j 17:06	2°♎09'20	0°19'44
minimum elong	-1180 Oct 05 j 19:28	2°♎18'48	0°19'24
desc. node	-1180 Oct 08 j 17:56	6°♎59'34	
max. Earth dist.	-1180 Oct 09 j 17:50	8°♎34'16	1.44666 AU
evening rise	-1180 Oct 22 j 06:32	28°♎08'44	
	-1180 Oct 23 j 11:19	0°♏	
greatest brilliancy	-1180 Nov 09 j 11:19	25°♏35'54	-0.6m
	-1180 Nov 12 j 17:19	0°♐	
evening max el	-1180 Nov 16 j 20:47	4°♐52'31	19°53'53
retrograde	-1180 Nov 24 j 09:50	9°♐17'05	
asc. node	-1180 Nov 25 j 05:43	9°♐13'09	
evening set	-1180 Nov 27 j 22:26	8°♐04'28	
inferior conj	-1180 Dec 03 j 11:31	2°♐01'12	2°34'01
minimum elong	-1180 Dec 03 j 08:43	2°♐10'32	2°33'06
min. Earth dist.	-1180 Dec 04 j 10:13	0°♐45'57	0.66638 AU
	-1180 Dec 05 j 00:16	30°℞♏	
morning rise	-1180 Dec 08 j 18:23	25°♏46'40	
direct	-1180 Dec 14 j 16:13	23°♏10'56	
	-1180 Dec 26 j 08:30	0°♐	
morning max el	-1180 Dec 26 j 15:19	0°♐17'01	25°21'01
desc. node	-1179 Jan 04 j 17:11	10°♐54'50	
	-1179 Jan 18 j 00:11	0°♑	
morning set	-1179 Jan 31 j 20:34	23°♑13'35	
max. Earth dist.	-1179 Feb 04 j 15:12	0°♒11'01	1.36479 AU
	-1179 Feb 04 j 12:51	0°♒	
superior conj	-1179 Feb 10 j 14:17	11°♒42'54	-1°-33'-27
minimum elong	-1179 Feb 10 j 17:56	12°♒01'01	1°33'02
evening rise	-1179 Feb 18 j 19:13	28°♒17'44	
	-1179 Feb 19 j 15:32	0°♓	
asc. node	-1179 Feb 21 j 05:02	3°♓06'42	
evening max el	-1179 Mar 08 j 05:53	26°♓28'37	19°44'33
	-1179 Mar 13 j 03:21	0°♈	
retrograde	-1179 Mar 18 j 00:17	1°♈09'00	
evening set	-1179 Mar 20 j 04:28	0°♈56'08	
	-1179 Mar 23 j 04:30	30°℞♓	
inferior conj	-1179 Mar 28 j 20:09	26°♓53'21	1°20'11
minimum elong	-1179 Mar 28 j 23:24	26°♓48'15	1°19'07
min. Earth dist.	-1179 Mar 31 j 05:07	25°♓24'35	0.55834 AU
desc. node	-1179 Apr 02 j 16:16	23°♓59'26	
morning rise	-1179 Apr 06 j 15:02	22°♓17'47	
direct	-1179 Apr 10 j 21:26	21°♓37'19	
morning max el	-1179 Apr 24 j 20:21	28°♓36'32	24°23'23
	-1179 Apr 26 j 05:59	0°♈	
	-1179 May 15 j 22:07	0°♉	
morning set	-1179 May 19 j 22:22	8°♉11'25	
asc. node	-1179 May 20 j 04:22	8°♉43'02	
superior conj	-1179 May 26 j 23:59	23°♉24'17	1°06'18
minimum elong	-1179 May 26 j 21:35	23°♉11'16	1°05'55
max. Earth dist.	-1179 May 28 j 16:06	27°♉00'37	1.33179 AU
	-1179 May 30 j 01:40	0°♊	
evening rise	-1179 Jun 03 j 08:47	8°♊56'03	
	-1179 Jun 14 j 16:07	0°♋	
desc. node	-1179 Jun 29 j 15:33	21°♋58'25	
evening max el	-1179 Jul 06 j 08:33	29°♋19'46	27°25'01
	-1179 Jul 07 j 01:44	0°♌	
retrograde	-1179 Jul 20 j 01:41	6°♌40'08	
evening set	-1179 Jul 27 j 06:26	4°♌03'55	
min. Earth dist.	-1179 Jul 30 j 20:39	0°♌59'45	0.63194 AU
	-1179 Jul 31 j 21:02	30°℞♋	
inferior conj	-1179 Aug 02 j 14:24	28°♋16'22	-3°-49'-56
minimum elong	-1179 Aug 02 j 18:50	28°♋05'20	3°48'55
morning rise	-1179 Aug 09 j 09:27	23°♋02'14	
direct	-1179 Aug 11 j 21:48	22°♋32'12	
asc. node	-1179 Aug 16 j 03:35	23°♋58'39	
morning max el	-1179 Aug 18 j 12:25	25°♋57'03	17°54'16
	-1179 Aug 21 j 22:45	0°♌	
morning set	-1179 Sep 04 j 00:34	21°♌32'06	
	-1179 Sep 08 j 20:47	0°♍	
superior conj	-1179 Sep 15 j 22:35	12°♍02'04	1°00'49
minimum elong	-1179 Sep 16 j 03:46	12°♍23'41	1°00'13
max. Earth dist.	-1179 Sep 22 j 09:44	22°♍37'29	1.43660 AU
desc. node	-1179 Sep 25 j 14:57	27°♍45'55	
	-1179 Sep 27 j 00:53	0°♎	
evening rise	-1179 Oct 01 j 12:43	7°♎00'55	
	-1179 Oct 16 j 19:41	0°♏	
greatest brilliancy	-1179 Oct 25 j 09:02	11°♏51'19	-0.5m
evening max el	-1179 Oct 30 j 21:16	18°♏20'08	20°58'52
retrograde	-1179 Nov 08 j 07:19	23°♏19'45	
evening set	-1179 Nov 12 j 05:50	21°♏51'33	
asc. node	-1179 Nov 12 j 02:46	21°♏57'13	
inferior conj	-1179 Nov 17 j 16:11	15°♏37'56	1°49'47
minimum elong	-1179 Nov 17 j 13:55	15°♏45'43	1°48'54
min. Earth dist.	-1179 Nov 18 j 02:58	15°♏01'00	0.67265 AU
morning rise	-1179 Nov 22 j 21:37	9°♏21'56	
direct	-1179 Nov 28 j 04:10	7°♏05'35	
morning max el	-1179 Dec 09 j 00:00	13°♏33'00	23°56'02
	-1179 Dec 22 j 07:46	0°♐	
desc. node	-1179 Dec 22 j 14:14	0°♐22'32	
	-1178 Jan 10 j 21:14	0°♑	
morning set	-1178 Jan 13 j 12:41	4°♑28'38	
max. Earth dist.	-1178 Jan 17 j 11:03	11°♑20'25	1.38481 AU
superior conj	-1178 Jan 24 j 16:59	24°♑39'37	-1°-50'-45
minimum elong	-1178 Jan 24 j 20:03	24°♑54'10	1°50'34
	-1178 Jan 27 j 11:52	0°♒	
evening rise	-1178 Feb 02 j 16:45	12°♒07'50	
asc. node	-1178 Feb 08 j 02:05	22°♒26'13	
	-1178 Feb 12 j 11:18	0°♓	
evening max el	-1178 Feb 19 j 03:39	8°♓39'27	18°52'18
retrograde	-1178 Feb 27 j 10:20	12°♓39'16	
evening set	-1178 Mar 01 j 17:54	12°♓21'46	
inferior conj	-1178 Mar 09 j 15:29	8°♓03'02	2°45'41
minimum elong	-1178 Mar 09 j 20:00	7°♓54'51	2°44'33
min. Earth dist.	-1178 Mar 12 j 21:26	5°♓42'59	0.57360 AU
morning rise	-1178 Mar 17 j 18:00	2°♓55'13	
desc. node	-1178 Mar 20 j 13:20	2°♓00'51	
direct	-1178 Mar 23 j 04:15	1°♓44'03	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning max el	-1178 Apr 06 j 11:42	9°♓11'16	25°55'54
	-1178 Apr 22 j 04:07	0°♈	
morning set	-1178 May 04 j 10:02	23°♈09'59	
asc. node	-1178 May 07 j 01:25	28°♈47'45	
	-1178 May 07 j 14:47	0°♉	
superior conj	-1178 May 11 j 10:59	8°♉23'17	0°44'57
minimum elong	-1178 May 11 j 09:09	8°♉13'14	0°44'36
max. Earth dist.	-1178 May 12 j 02:32	9°♉48'17	1.32609 AU
evening rise	-1178 May 18 j 13:07	23°♉35'34	
	-1178 May 21 j 16:58	0°♊	
	-1178 Jun 08 j 13:30	0°♋	
desc. node	-1178 Jun 16 j 12:34	9°♋41'04	
evening max el	-1178 Jun 18 j 14:19	11°♋45'42	27°04'06
retrograde	-1178 Jul 02 j 12:46	19°♋04'22	
evening set	-1178 Jul 09 j 12:38	16°♋51'33	
min. Earth dist.	-1178 Jul 13 j 04:16	14°♋08'31	0.61286 AU
inferior conj	-1178 Jul 16 j 08:56	11°♋20'22	-4°-23'-36
minimum elong	-1178 Jul 16 j 12:12	11°♋13'10	4°23'11
morning rise	-1178 Jul 23 j 14:42	6°♋27'24	
direct	-1178 Jul 26 j 01:32	6°♋02'43	
morning max el	-1178 Aug 02 j 02:10	9°♋31'57	18°00'41
asc. node	-1178 Aug 03 j 00:40	10°♋29'41	
	-1178 Aug 15 j 11:52	0°♌	
morning set	-1178 Aug 18 j 00:05	4°♌36'18	
superior conj	-1178 Aug 28 j 07:33	23°♌16'09	1°28'44
minimum elong	-1178 Aug 28 j 11:55	23°♌35'20	1°28'22
	-1178 Sep 01 j 04:54	0°♍	
max. Earth dist.	-1178 Sep 04 j 20:10	6°♍07'02	1.42103 AU
evening rise	-1178 Sep 11 j 01:59	16°♍15'07	
desc. node	-1178 Sep 12 j 11:57	18°♍29'30	
	-1178 Sep 19 j 23:18	0°♎	
greatest brilliancy	-1178 Oct 08 j 22:20	26°♎27'47	-0.3m
	-1178 Oct 11 j 23:10	0°♏	
evening max el	-1178 Oct 13 j 15:54	1°♏47'55	22°13'59
retrograde	-1178 Oct 23 j 03:09	7°♏25'50	
evening set	-1178 Oct 27 j 13:41	5°♏40'10	
asc. node	-1178 Oct 29 j 23:51	3°♏13'48	
	-1178 Nov 01 j 11:18	30°℞♎	
inferior conj	-1178 Nov 01 j 22:52	29°♎20'02	1°00'26
minimum elong	-1178 Nov 01 j 21:30	29°♎24'44	0°59'52
min. Earth dist.	-1178 Nov 01 j 22:54	29°♎19'53	0.67562 AU
morning rise	-1178 Nov 07 j 05:09	23°♎05'02	
direct	-1178 Nov 11 j 20:31	21°♎10'50	
morning max el	-1178 Nov 21 j 10:54	26°♎52'36	22°28'43
	-1178 Nov 24 j 07:59	0°♏	
greatest brilliancy	-1178 Nov 26 j 02:29	2°♏05'48	-0.3m
desc. node	-1178 Dec 09 j 11:16	20°♏17'36	
	-1178 Dec 15 j 22:50	0°♐	
morning set	-1178 Dec 25 j 00:39	14°♐19'47	
max. Earth dist.	-1178 Dec 30 j 07:16	23°♐05'33	1.40589 AU
	-1177 Jan 03 j 07:36	0°♑	
superior conj	-1177 Jan 07 j 02:30	6°♑43'02	-1°-59'-35
minimum elong	-1177 Jan 07 j 03:18	6°♑46'38	1°59'37
evening rise	-1177 Jan 17 j 04:17	25°♑23'41	
	-1177 Jan 19 j 15:10	0°♒	
asc. node	-1177 Jan 25 j 23:08	11°♒17'45	
evening max el	-1177 Feb 02 j 09:23	21°♒20'36	18°20'13
retrograde	-1177 Feb 09 j 15:01	24°♒55'41	
evening set	-1177 Feb 12 j 02:56	24°♒31'10	
inferior conj	-1177 Feb 19 j 07:47	19°♒51'36	3°35'01
minimum elong	-1177 Feb 19 j 10:38	19°♒45'34	3°34'37
min. Earth dist.	-1177 Feb 22 j 17:45	17°♒00'03	0.59335 AU
morning rise	-1177 Feb 26 j 14:49	14°♒18'57	
direct	-1177 Mar 05 j 00:18	12°♒29'28	
desc. node	-1177 Mar 07 j 10:24	12°♒44'42	
morning max el	-1177 Mar 19 j 07:22	20°♒11'06	27°05'30
	-1177 Mar 27 j 17:37	0°♓	
	-1177 Apr 14 j 20:36	0°♈	
morning set	-1177 Apr 18 j 19:41	8°♈01'34	
asc. node	-1177 Apr 23 j 22:29	18°♈58'31	
superior conj	-1177 Apr 25 j 22:47	23°♈22'59	0°21'09
minimum elong	-1177 Apr 25 j 21:51	23°♈17'52	0°20'57
max. Earth dist.	-1177 Apr 25 j 15:28	22°♈42'49	1.32400 AU
	-1177 Apr 28 j 23:18	0°♉	
evening rise	-1177 May 02 j 21:58	8°♉27'26	
	-1177 May 14 j 04:06	0°♊	
evening max el	-1177 May 31 j 14:03	23°♊29'04	26°10'49
desc. node	-1177 Jun 03 j 09:36	25°♊57'24	
	-1177 Jun 10 j 09:24	0°♋	
retrograde	-1177 Jun 14 j 15:32	0°♋43'45	
	-1177 Jun 18 j 20:09	30°℞♊	
evening set	-1177 Jun 20 j 22:18	29°♊06'32	
min. Earth dist.	-1177 Jun 25 j 02:58	26°♊27'50	0.59231 AU
inferior conj	-1177 Jun 28 j 11:18	23°♊54'42	-4°-37'-40
minimum elong	-1177 Jun 28 j 11:32	23°♊54'16	4°37'40
morning rise	-1177 Jul 06 j 04:20	19°♊24'09	
direct	-1177 Jul 08 j 15:40	19°♊03'02	
morning max el	-1177 Jul 16 j 11:09	22°♊47'19	18°26'50
asc. node	-1177 Jul 20 j 21:44	28°♊03'26	
	-1177 Jul 22 j 05:40	0°♋	
morning set	-1177 Aug 01 j 13:01	18°♋20'39	
	-1177 Aug 07 j 15:14	0°♌	
superior conj	-1177 Aug 10 j 16:09	5°♌41'05	1°43'41
minimum elong	-1177 Aug 10 j 18:17	5°♌50'57	1°43'36
max. Earth dist.	-1177 Aug 18 j 01:28	18°♌55'21	1.40204 AU
evening rise	-1177 Aug 22 j 12:54	26°♌31'14	
	-1177 Aug 24 j 15:35	0°♍	
desc. node	-1177 Aug 30 j 08:58	9°♍07'03	
	-1177 Sep 13 j 15:41	0°♎	
evening max el	-1177 Sep 26 j 06:03	15°♎18'32	23°34'03
retrograde	-1177 Oct 06 j 19:56	21°♎33'11	
evening set	-1177 Oct 11 j 20:19	19°♎28'58	
asc. node	-1177 Oct 16 j 20:56	13°♎36'17	
inferior conj	-1177 Oct 17 j 05:45	13°♎06'05	0°07'37
minimum elong	-1177 Oct 17 j 05:34	13°♎06'43	0°07'33
transit middle	-1177 Oct 17 j 05:34	13°♎06'43	0°07'33
transit begin	-1177 Oct 17 j 03:10	13°♎14'56	
transit end	-1177 Oct 17 j 07:58	12°♎58'31	
min. Earth dist.	-1177 Oct 16 j 19:30	13°♎41'10	0.67550 AU
morning rise	-1177 Oct 22 j 14:55	6°♎54'59	
direct	-1177 Oct 26 j 16:17	5°♎22'40	
morning max el	-1177 Nov 04 j 03:30	10°♎20'09	21°07'14
greatest brilliancy	-1177 Nov 09 j 14:58	16°♎41'49	-0.5m
	-1177 Nov 19 j 05:55	0°♏	
desc. node	-1177 Nov 26 j 08:18	10°♏32'29	
morning set	-1177 Dec 04 j 09:11	22°♏54'41	
	-1177 Dec 08 j 20:34	0°♐	
max. Earth dist.	-1177 Dec 12 j 10:22	5°♐46'59	1.42516 AU
superior conj	-1177 Dec 19 j 13:21	17°♐40'10	-1°-55'-46
minimum elong	-1177 Dec 19 j 10:02	17°♐26'02	1°55'40
	-1177 Dec 26 j 15:20	0°♑	
evening rise	-1177 Dec 31 j 02:06	7°♑57'38	
asc. node	-1176 Jan 12 j 20:12	29°♑32'25	
	-1176 Jan 13 j 04:07	0°♒	
evening max el	-1176 Jan 16 j 19:59	4°♒23'09	18°07'57
retrograde	-1176 Jan 23 j 11:53	7°♒48'58	
evening set	-1176 Jan 26 j 03:45	7°♒16'11	
inferior conj	-1176 Feb 01 j 18:57	2°♒14'41	3°53'29

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1176 Feb 01 j 19:23	2°♒13'37	3°53'28
	-1176 Feb 04 j 02:18	30°℞♉	
min. Earth dist.	-1176 Feb 04 j 20:45	29°♉16'35	0.61411 AU
morning rise	-1176 Feb 08 j 08:30	26°♉25'24	
direct	-1176 Feb 15 j 06:38	24°♉02'05	
desc. node	-1176 Feb 22 j 07:28	26°♉11'55	
	-1176 Feb 27 j 10:18	0°♒	
morning max el	-1176 Feb 29 j 09:15	1°♒50'06	27°41'47
	-1176 Mar 20 j 23:27	0°♓	
morning set	-1176 Apr 02 j 01:21	22°♓38'45	
	-1176 Apr 05 j 13:41	0°♈	
max. Earth dist.	-1176 Apr 08 j 03:04	5°♈30'17	1.32557 AU
superior conj	-1176 Apr 09 j 09:38	8°♈16'35	0°-4'-21
minimum elong	-1176 Apr 09 j 09:50	8°♈17'42	0°04'20
behind sun begin	-1176 Apr 09 j 04:55	7°♈50'54	
behind sun end	-1176 Apr 09 j 14:45	8°♈44'30	
asc. node	-1176 Apr 09 j 19:31	9°♈10'30	
evening rise	-1176 Apr 16 j 09:11	23°♈23'26	
	-1176 Apr 19 j 13:58	0°♉	
	-1176 May 08 j 02:42	0°♊	
evening max el	-1176 May 12 j 07:30	4°♊30'34	24°51'06
desc. node	-1176 May 20 j 06:39	10°♊12'49	
retrograde	-1176 May 26 j 07:13	11°♊36'04	
evening set	-1176 May 31 j 09:05	10°♊37'23	
min. Earth dist.	-1176 Jun 05 j 19:13	7°♊46'08	0.57292 AU
inferior conj	-1176 Jun 08 j 18:13	5°♊48'54	-4°-20'-47
minimum elong	-1176 Jun 08 j 14:05	5°♊55'46	4°20'17
morning rise	-1176 Jun 16 j 22:58	1°♊39'23	
direct	-1176 Jun 19 j 12:08	1°♊20'46	
morning max el	-1176 Jun 28 j 12:18	5°♊32'40	19°13'40
asc. node	-1176 Jul 06 j 18:47	16°♊25'03	
	-1176 Jul 14 j 04:12	0°♋	
morning set	-1176 Jul 15 j 11:21	2°♋33'45	
superior conj	-1176 Jul 23 j 18:32	18°♋59'50	1°47'52
minimum elong	-1176 Jul 23 j 18:31	18°♋59'43	1°47'53
	-1176 Jul 29 j 14:12	0°♌	
max. Earth dist.	-1176 Jul 30 j 04:22	1°♌04'47	1.38208 AU
evening rise	-1176 Aug 03 j 01:01	7°♌59'03	
desc. node	-1176 Aug 16 j 06:00	29°♌33'30	
	-1176 Aug 16 j 12:58	0°♍	
evening max el	-1176 Sep 07 j 17:47	28°♍52'19	24°52'35
	-1176 Sep 08 j 22:03	0°♎	
retrograde	-1176 Sep 19 j 08:42	5°♎37'47	
evening set	-1176 Sep 25 j 00:00	3°♎15'31	
	-1176 Sep 28 j 01:40	30°℞♍	
min. Earth dist.	-1176 Sep 29 j 14:17	28°♍02'39	0.67217 AU
inferior conj	-1176 Sep 30 j 11:07	26°♍53'47	0°-47'-7
minimum elong	-1176 Sep 30 j 12:16	26°♍49'57	0°46'38
asc. node	-1176 Oct 02 j 17:58	23°♍58'58	
morning rise	-1176 Oct 06 j 00:58	20°♍49'32	
direct	-1176 Oct 09 j 14:05	19°♍36'59	
morning max el	-1176 Oct 17 j 03:40	23°♍57'54	19°57'08
	-1176 Oct 22 j 06:18	0°♎	
greatest brilliancy	-1176 Oct 24 j 14:31	3°♎09'43	-0.6m
	-1176 Nov 11 j 13:26	0°♏	
morning set	-1176 Nov 12 j 06:07	1°♏04'27	
desc. node	-1176 Nov 12 j 05:21	1°♏01'30	
max. Earth dist.	-1176 Nov 23 j 21:27	19°♏19'49	1.43986 AU
superior conj	-1176 Nov 28 j 21:23	27°♏22'28	-1°-35'-11
minimum elong	-1176 Nov 28 j 14:00	26°♏52'31	1°34'34
	-1176 Nov 30 j 12:00	0°♐	
evening rise	-1176 Dec 12 j 05:58	19°♐41'55	
	-1176 Dec 18 j 06:42	0°♑	
asc. node	-1176 Dec 29 j 17:14	16°♑59'14	
evening max el	-1176 Dec 30 j 08:30	17°♑39'16	18°14'51
retrograde	-1175 Jan 05 j 20:32	21°♑08'55	
evening set	-1175 Jan 08 j 16:25	20°♑27'03	
inferior conj	-1175 Jan 14 j 21:09	15°♑04'52	3°49'07
minimum elong	-1175 Jan 14 j 19:40	15°♑08'56	3°48'59
min. Earth dist.	-1175 Jan 17 j 09:01	12°♑21'43	0.63315 AU
morning rise	-1175 Jan 20 j 21:13	9°♑04'26	
direct	-1175 Jan 27 j 21:11	6°♑19'52	
desc. node	-1175 Feb 08 j 04:31	11°♑49'34	
morning max el	-1175 Feb 10 j 16:21	14°♑09'07	27°41'16
	-1175 Feb 23 j 13:05	0°♒	
	-1175 Mar 13 j 12:01	0°♓	
morning set	-1175 Mar 17 j 00:44	6°♓53'51	
max. Earth dist.	-1175 Mar 22 j 09:26	17°♓57'20	1.33098 AU
superior conj	-1175 Mar 24 j 17:50	22°♓58'18	0°-30'-38
minimum elong	-1175 Mar 24 j 19:17	23°♓06'03	0°30'21
asc. node	-1175 Mar 27 j 16:33	29°♓19'39	
	-1175 Mar 28 j 00:01	0°♈	
evening rise	-1175 Mar 31 j 20:57	8°♈16'54	
	-1175 Apr 12 j 07:53	0°♉	
evening max el	-1175 Apr 23 j 22:23	15°♉08'18	23°17'23
retrograde	-1175 May 07 j 10:31	21°♉51'46	
desc. node	-1175 May 07 j 03:39	21°♉51'35	
evening set	-1175 May 11 j 02:28	21°♉22'19	
min. Earth dist.	-1175 May 18 j 08:28	18°♉05'04	0.55801 AU
inferior conj	-1175 May 20 j 05:14	16°♉59'13	-3°-22'00
minimum elong	-1175 May 19 j 22:22	17°♉09'20	3°20'17
morning rise	-1175 May 28 j 21:36	13°♉03'34	
direct	-1175 May 31 j 13:33	12°♉46'18	
morning max el	-1175 Jun 11 j 03:20	17°♉40'04	20°21'14
	-1175 Jun 20 j 13:50	0°♊	
asc. node	-1175 Jun 23 j 15:49	5°♊23'19	
morning set	-1175 Jun 29 j 16:11	17°♊07'55	
	-1175 Jul 05 j 22:38	0°♋	
superior conj	-1175 Jul 07 j 09:44	2°♋58'23	1°43'37
minimum elong	-1175 Jul 07 j 08:11	2°♋50'33	1°43'33
max. Earth dist.	-1175 Jul 12 j 10:04	12°♋53'37	1.36358 AU
evening rise	-1175 Jul 16 j 11:15	20°♋31'41	
	-1175 Jul 21 j 18:46	0°♌	
desc. node	-1175 Aug 03 j 03:01	19°♌43'06	
	-1175 Aug 10 j 11:49	0°♍	
evening max el	-1175 Aug 21 j 05:00	12°♍27'17	26°01'58
retrograde	-1175 Sep 02 j 16:50	19°♍34'21	
evening set	-1175 Sep 08 j 22:48	16°♍57'14	
min. Earth dist.	-1175 Sep 13 j 04:51	12°♍21'29	0.66550 AU
inferior conj	-1175 Sep 14 j 13:06	10°♍40'22	-1°-42'-14
minimum elong	-1175 Sep 14 j 15:38	10°♍32'25	1°41'14
asc. node	-1175 Sep 19 j 15:01	5°♍16'27	
morning rise	-1175 Sep 20 j 09:20	4°♍46'00	
direct	-1175 Sep 23 j 12:20	3°♍49'54	
morning max el	-1175 Sep 30 j 10:58	7°♍44'01	19°01'23
	-1175 Oct 16 j 07:18	0°♎	
morning set	-1175 Oct 22 j 15:40	9°♎57'51	
desc. node	-1175 Oct 30 j 02:22	21°♎39'41	
	-1175 Nov 04 j 09:48	0°♏	
max. Earth dist.	-1175 Nov 06 j 13:49	3°♏24'44	1.44818 AU
superior conj	-1175 Nov 08 j 05:26	6°♏00'58	0°-57'-1
minimum elong	-1175 Nov 07 j 22:33	5°♏33'45	0°56'13
evening rise	-1175 Nov 23 j 11:35	0°♐28'16	
	-1175 Nov 23 j 04:39	0°♐	
	-1175 Dec 12 j 21:04	0°♑	
evening max el	-1175 Dec 13 j 20:13	1°♑02'21	18°40'08
asc. node	-1175 Dec 16 j 14:16	3°♑24'06	
retrograde	-1175 Dec 20 j 12:37	4°♑46'36	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening set	-1175 Dec 23 j 13:33	3°♑54'23	
	-1175 Dec 27 j 22:32	30°℞♐	
inferior conj	-1175 Dec 29 j 10:32	28°♐14'00	3°28'34
minimum elong	-1175 Dec 29 j 07:57	28°♐21'45	3°28'04
min. Earth dist.	-1175 Dec 31 j 07:12	25°♐59'57	0.64900 AU
morning rise	-1174 Jan 04 j 01:11	22°♐05'58	
direct	-1174 Jan 10 j 18:48	19°♐14'53	
morning max el	-1174 Jan 24 j 01:57	26°♐57'47	27°06'40
desc. node	-1174 Jan 26 j 01:34	29°♐01'42	
	-1174 Jan 26 j 22:48	0°♑	
	-1174 Feb 17 j 03:56	0°♒	
morning set	-1174 Feb 28 j 14:47	20°♒36'21	
	-1174 Mar 05 j 08:13	0°♓	
max. Earth dist.	-1174 Mar 05 j 06:30	29°♒51'17	1.34057 AU
superior conj	-1174 Mar 08 j 21:24	7°♓21'00	0°-56'-40
minimum elong	-1174 Mar 09 j 00:01	7°♓34'44	0°56'12
asc. node	-1174 Mar 14 j 13:35	19°♓21'14	
evening rise	-1174 Mar 16 j 07:24	23°♓00'43	
	-1174 Mar 19 j 17:32	0°♈	
evening max el	-1174 Apr 05 j 17:38	25°♈51'51	21°44'27
	-1174 Apr 11 j 04:40	0°♉	
retrograde	-1174 Apr 18 j 03:10	1°♉53'58	
evening set	-1174 Apr 20 j 17:13	1°♉38'57	
desc. node	-1174 Apr 24 j 00:40	0°♉39'49	
	-1174 Apr 25 j 13:30	30°℞♈	
inferior conj	-1174 Apr 30 j 02:15	27°♈35'55	-1°-41'-55
minimum elong	-1174 Apr 29 j 21:35	27°♈42'28	1°40'20
min. Earth dist.	-1174 Apr 29 j 21:38	27°♈42'24	0.55072 AU
morning rise	-1174 May 09 j 02:53	23°♈38'17	
direct	-1174 May 12 j 01:46	23°♈19'03	
morning max el	-1174 May 24 j 07:28	29°♈05'25	21°47'19
	-1174 May 25 j 06:05	0°♉	
asc. node	-1174 Jun 10 j 12:52	24°♉49'11	
	-1174 Jun 13 j 02:36	0°♊	
morning set	-1174 Jun 14 j 01:15	1°♊56'50	
superior conj	-1174 Jun 21 j 09:52	17°♊25'16	1°32'52
minimum elong	-1174 Jun 21 j 07:30	17°♊12'55	1°32'39
max. Earth dist.	-1174 Jun 24 j 23:49	24°♊48'29	1.34822 AU
	-1174 Jun 27 j 14:05	0°♋	
evening rise	-1174 Jun 29 j 14:38	3°♋56'27	
	-1174 Jul 14 j 14:27	0°♌	
desc. node	-1174 Jul 21 j 00:00	9°♌28'27	
evening max el	-1174 Aug 03 j 16:37	25°♌58'06	26°54'23
	-1174 Aug 08 j 11:05	0°♍	
retrograde	-1174 Aug 16 j 19:57	3°♍16'29	
evening set	-1174 Aug 23 j 14:30	0°♍31'18	
	-1174 Aug 24 j 05:10	30°℞♌	
min. Earth dist.	-1174 Aug 27 j 13:01	26°♌33'24	0.65528 AU
inferior conj	-1174 Aug 29 j 09:47	24°♌22'59	-2°-35'-45
minimum elong	-1174 Aug 29 j 13:30	24°♌12'06	2°34'28
morning rise	-1174 Sep 04 j 13:51	18°♌41'34	
asc. node	-1174 Sep 06 j 12:03	18°♌02'30	
direct	-1174 Sep 07 j 09:09	17°♌58'13	
morning max el	-1174 Sep 13 j 23:29	21°♌34'41	18°21'41
	-1174 Sep 20 j 12:46	0°♍	
morning set	-1174 Oct 03 j 04:10	20°♍12'08	
	-1174 Oct 09 j 05:05	0°♎	
desc. node	-1174 Oct 16 j 23:24	12°♎23'44	
superior conj	-1174 Oct 18 j 05:53	14°♎24'15	0°-8'-15
minimum elong	-1174 Oct 18 j 04:48	14°♎19'58	0°08'09
behind sun begin	-1174 Oct 17 j 19:01	13°♎41'18	
behind sun end	-1174 Oct 18 j 14:35	14°♎58'36	
max. Earth dist.	-1174 Oct 20 j 08:08	17°♎42'23	1.44926 AU
	-1174 Oct 28 j 04:10	0°♏	
evening rise	-1174 Nov 03 j 17:10	10°♏14'57	
	-1174 Nov 16 j 10:01	0°♐	
greatest brilliancy	-1174 Nov 17 j 22:30	2°♐16'59	-0.7m
evening max el	-1174 Nov 27 j 04:57	14°♐29'11	19°22'32
asc. node	-1174 Dec 03 j 11:18	18°♐32'24	
retrograde	-1174 Dec 04 j 08:44	18°♐36'54	
evening set	-1174 Dec 07 j 16:26	17°♐32'32	
inferior conj	-1174 Dec 13 j 07:52	11°♐36'51	2°56'29
minimum elong	-1174 Dec 13 j 04:58	11°♐46'13	2°55'39
min. Earth dist.	-1174 Dec 14 j 14:13	9°♐59'08	0.66113 AU
morning rise	-1174 Dec 18 j 16:41	5°♐23'56	
direct	-1174 Dec 24 j 22:44	2°♐39'27	
morning max el	-1173 Jan 06 j 11:23	10°♐03'26	26°04'59
desc. node	-1173 Jan 12 j 22:38	17°♐21'11	
	-1173 Jan 22 j 07:30	0°♑	
	-1173 Feb 09 j 16:46	0°♒	
morning set	-1173 Feb 11 j 15:26	3°♒34'04	
max. Earth dist.	-1173 Feb 15 j 15:35	11°♒10'04	1.35471 AU
superior conj	-1173 Feb 20 j 17:56	21°♒17'47	-1°-20'-59
minimum elong	-1173 Feb 20 j 21:24	21°♒35'22	1°20'29
	-1173 Feb 24 j 23:38	0°♓	
evening rise	-1173 Feb 28 j 14:39	7°♓28'56	
asc. node	-1173 Mar 01 j 10:37	9°♓10'48	
	-1173 Mar 13 j 01:29	0°♈	
evening max el	-1173 Mar 18 j 22:45	7°♈05'16	20°23'22
retrograde	-1173 Mar 29 j 16:53	12°♈14'14	
evening set	-1173 Mar 31 j 21:09	12°♈02'27	
inferior conj	-1173 Apr 09 j 22:02	8°♈04'45	0°16'46
minimum elong	-1173 Apr 09 j 22:48	8°♈03'37	0°16'30
desc. node	-1173 Apr 10 j 21:44	7°♈29'57	
min. Earth dist.	-1173 Apr 11 j 11:38	7°♈09'39	0.55293 AU
morning rise	-1173 Apr 18 j 22:15	3°♈46'26	
direct	-1173 Apr 22 j 14:21	3°♈17'04	
morning max el	-1173 May 06 j 02:26	9°♈53'57	23°25'34
	-1173 May 20 j 20:07	0°♉	
asc. node	-1173 May 28 j 09:54	14°♉34'58	
morning set	-1173 May 29 j 12:40	16°♉54'15	
	-1173 Jun 04 j 15:38	0°♊	
superior conj	-1173 Jun 05 j 15:58	2°♊10'40	1°17'09
minimum elong	-1173 Jun 05 j 13:26	1°♊57'03	1°16'48
max. Earth dist.	-1173 Jun 07 j 23:21	7°♊05'28	1.33670 AU
evening rise	-1173 Jun 13 j 06:32	17°♊59'25	
	-1173 Jun 19 j 13:39	0°♋	
desc. node	-1173 Jul 07 j 21:00	28°♋38'48	
	-1173 Jul 08 j 22:15	0°♌	
evening max el	-1173 Jul 17 j 03:53	9°♌14'18	27°22'26
retrograde	-1173 Jul 30 j 17:22	16°♌35'15	
evening set	-1173 Aug 06 j 20:11	13°♌52'23	
min. Earth dist.	-1173 Aug 10 j 12:38	10°♌30'11	0.64143 AU
inferior conj	-1173 Aug 12 j 22:41	7°♌56'15	-3°-25'-2
minimum elong	-1173 Aug 13 j 03:07	7°♌44'27	3°23'48
morning rise	-1173 Aug 19 j 11:56	2°♌30'58	
direct	-1173 Aug 22 j 02:05	1°♌56'54	
asc. node	-1173 Aug 24 j 09:07	2°♌23'49	
morning max el	-1173 Aug 28 j 14:39	5°♌23'51	17°59'05
	-1173 Sep 13 j 19:23	0°♍	
morning set	-1173 Sep 14 j 19:56	1°♍44'57	
superior conj	-1173 Sep 27 j 20:33	23°♍32'17	0°38'37
minimum elong	-1173 Sep 28 j 00:40	23°♍49'00	0°38'05
	-1173 Oct 01 j 20:44	0°♎	
max. Earth dist.	-1173 Oct 03 j 01:33	1°♎54'58	1.44313 AU
desc. node	-1173 Oct 03 j 20:24	3°♎09'53	
evening rise	-1173 Oct 14 j 03:45	19°♎16'07	
	-1173 Oct 21 j 04:06	0°♏	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

greatest brilliancy	-1173 Nov 03 j 22:16	20°♏06'44	-0.6m
evening max el	-1173 Nov 10 j 08:50	27°♏56'57	20°20'08
	-1173 Nov 12 j 13:26	0°♐	
retrograde	-1173 Nov 18 j 06:12	2°♐35'35	
asc. node	-1173 Nov 20 j 08:21	2°♐10'34	
evening set	-1173 Nov 21 j 22:44	1°♐16'44	
	-1173 Nov 23 j 10:46	30°℞♏	
inferior conj	-1173 Nov 27 j 10:30	25°♏08'56	2°16'00
minimum elong	-1173 Nov 27 j 07:52	25°♏17'49	2°15'04
min. Earth dist.	-1173 Nov 28 j 04:02	24°♏09'49	0.66947 AU
morning rise	-1173 Dec 02 j 16:26	18°♏53'31	
direct	-1173 Dec 08 j 07:59	16°♏25'07	
morning max el	-1173 Dec 19 j 19:47	23°♏15'56	24°45'42
	-1173 Dec 25 j 19:16	0°♐	
desc. node	-1173 Dec 30 j 19:42	6°♐28'00	
	-1172 Jan 15 j 16:29	0°♑	
morning set	-1172 Jan 24 j 21:17	15°♑31'31	
max. Earth dist.	-1172 Jan 28 j 14:27	22°♑12'51	1.37299 AU
	-1172 Feb 01 j 18:16	0°♒	
superior conj	-1172 Feb 04 j 04:20	4°♒40'06	-1°-41'-35
minimum elong	-1172 Feb 04 j 07:55	4°♒57'29	1°41'16
evening rise	-1172 Feb 12 j 16:30	21°♒35'18	
asc. node	-1172 Feb 16 j 07:40	28°♒43'21	
	-1172 Feb 16 j 23:43	0°♓	
evening max el	-1172 Feb 29 j 14:59	18°♓56'41	19°19'55
retrograde	-1172 Mar 09 j 16:46	23°♓17'28	
evening set	-1172 Mar 11 j 22:16	23°♓02'55	
inferior conj	-1172 Mar 20 j 06:22	18°♓54'32	2°00'46
minimum elong	-1172 Mar 20 j 10:38	18°♓47'27	1°59'29
min. Earth dist.	-1172 Mar 23 j 02:35	17°♓02'12	0.56410 AU
desc. node	-1172 Mar 27 j 18:48	14°♓28'55	
morning rise	-1172 Mar 28 j 19:09	14°♓05'08	
direct	-1172 Apr 02 j 13:41	13°♓12'56	
morning max el	-1172 Apr 16 j 17:13	20°♓25'42	25°04'31
	-1172 Apr 24 j 21:41	0°♈	
	-1172 May 12 j 02:49	0°♉	
morning set	-1172 May 13 j 00:46	1°♉54'44	
asc. node	-1172 May 14 j 06:58	4°♉34'45	
superior conj	-1172 May 20 j 01:48	17°♉07'10	0°57'36
minimum elong	-1172 May 19 j 23:35	16°♉55'07	0°57'13
max. Earth dist.	-1172 May 21 j 07:01	19°♉45'58	1.32899 AU
	-1172 May 26 j 02:21	0°♊	
evening rise	-1172 May 27 j 07:16	2°♊29'14	
	-1172 Jun 11 j 10:17	0°♋	
desc. node	-1172 Jun 23 j 18:01	16°♋59'27	
evening max el	-1172 Jun 28 j 12:40	22°♋03'06	27°20'12
retrograde	-1172 Jul 12 j 08:15	29°♋22'04	
evening set	-1172 Jul 19 j 12:11	26°♋54'28	
min. Earth dist.	-1172 Jul 23 j 02:11	24°♋00'46	0.62418 AU
inferior conj	-1172 Jul 26 j 00:56	21°♋13'40	-4°-6'-3
minimum elong	-1172 Jul 26 j 05:05	21°♋03'50	4°05'16
morning rise	-1172 Aug 02 j 00:25	16°♋07'52	
direct	-1172 Aug 04 j 11:56	15°♋40'15	
asc. node	-1172 Aug 10 j 06:12	18°♋11'46	
morning max el	-1172 Aug 11 j 05:43	19°♋05'50	17°54'36
	-1172 Aug 19 j 04:52	0°♌	
morning set	-1172 Aug 27 j 09:32	14°♌20'34	
	-1172 Sep 05 j 06:01	0°♍	
superior conj	-1172 Sep 07 j 13:46	3°♍59'14	1°14'22
minimum elong	-1172 Sep 07 j 18:56	4°♍21'11	1°13'48
max. Earth dist.	-1172 Sep 14 j 15:38	15°♍46'31	1.43060 AU
desc. node	-1172 Sep 19 j 17:24	23°♍55'09	
evening rise	-1172 Sep 22 j 10:39	28°♍11'31	
	-1172 Sep 23 j 14:32	0°♎	
	-1172 Oct 13 j 23:33	0°♏	
greatest brilliancy	-1172 Oct 18 j 06:36	5°♏38'24	-0.4m
evening max el	-1172 Oct 23 j 06:53	11°♏24'33	21°29'58
retrograde	-1172 Nov 01 j 03:03	16°♏39'40	
evening set	-1172 Nov 05 j 06:32	15°♏04'08	
asc. node	-1172 Nov 06 j 05:25	14°♏14'46	
inferior conj	-1172 Nov 10 j 16:13	8°♏47'28	1°29'21
minimum elong	-1172 Nov 10 j 14:18	8°♏54'06	1°28'35
min. Earth dist.	-1172 Nov 10 j 22:19	8°♏26'28	0.67432 AU
morning rise	-1172 Nov 15 j 21:46	2°♏31'51	
direct	-1172 Nov 20 j 21:52	0°♏24'45	
morning max el	-1172 Dec 01 j 04:54	6°♏32'23	23°18'42
greatest brilliancy	-1172 Dec 06 j 11:04	12°♏27'14	-0.2m
desc. node	-1172 Dec 16 j 16:44	26°♏08'08	
	-1172 Dec 19 j 08:56	0°♐	
morning set	-1171 Jan 05 j 01:55	26°♐11'19	
	-1171 Jan 07 j 07:58	0°♑	
max. Earth dist.	-1171 Jan 09 j 09:52	3°♑35'09	1.39380 AU
superior conj	-1171 Jan 17 j 00:25	17°♑15'52	-1°-55'-45
minimum elong	-1171 Jan 17 j 02:45	17°♑26'45	1°55'42
	-1171 Jan 23 j 17:33	0°♒	
evening rise	-1171 Jan 26 j 10:12	5°♒11'53	
asc. node	-1171 Feb 02 j 04:44	17°♒51'59	
	-1171 Feb 10 j 09:12	0°♓	
evening max el	-1171 Feb 11 j 16:31	1°♓21'27	18°36'12
retrograde	-1171 Feb 19 j 10:59	5°♓08'49	
evening set	-1171 Feb 21 j 20:33	4°♓48'25	
inferior conj	-1171 Mar 01 j 10:38	0°♓20'46	3°10'49
minimum elong	-1171 Mar 01 j 14:40	0°♓12'57	3°10'01
	-1171 Mar 01 j 21:20	30°℞♒	
min. Earth dist.	-1171 Mar 04 j 19:58	27°♒44'50	0.58167 AU
morning rise	-1171 Mar 09 j 04:56	25°♒01'34	
desc. node	-1171 Mar 14 j 15:52	23°♒35'08	
direct	-1171 Mar 15 j 02:05	23°♒34'41	
	-1171 Mar 28 j 04:50	0°♓	
morning max el	-1171 Mar 29 j 09:56	1°♓08'22	26°29'04
	-1171 Apr 18 j 21:10	0°♈	
morning set	-1171 Apr 27 j 11:49	16°♈51'19	
asc. node	-1171 May 01 j 04:02	24°♈42'36	
	-1171 May 03 j 14:10	0°♉	
superior conj	-1171 May 04 j 13:21	2°♉07'07	0°35'07
minimum elong	-1171 May 04 j 11:51	1°♉58'57	0°34'49
max. Earth dist.	-1171 May 04 j 19:13	2°♉39'17	1.32486 AU
evening rise	-1171 May 11 j 13:50	17°♉15'05	
	-1171 May 17 j 23:40	0°♊	
	-1171 Jun 06 j 16:15	0°♋	
evening max el	-1171 Jun 10 j 16:05	4°♋11'23	26°45'02
desc. node	-1171 Jun 10 j 15:04	4°♋08'57	
retrograde	-1171 Jun 24 j 15:39	11°♋27'56	
evening set	-1171 Jul 01 j 10:06	9°♋29'02	
min. Earth dist.	-1171 Jul 05 j 05:32	6°♋50'16	0.60428 AU
inferior conj	-1171 Jul 08 j 13:01	4°♋06'04	-4°-32'-33
minimum elong	-1171 Jul 08 j 15:14	4°♋01'28	4°32'22
	-1171 Jul 14 j 09:43	30°℞♊	
morning rise	-1171 Jul 15 j 23:32	29°♊22'36	
direct	-1171 Jul 18 j 10:33	28°♊59'28	
	-1171 Jul 22 j 07:34	0°♋	
morning max el	-1171 Jul 25 j 17:47	2°♋33'14	18°09'20
asc. node	-1171 Jul 28 j 03:16	5°♋11'04	
morning set	-1171 Aug 10 j 15:18	27°♋43'14	
	-1171 Aug 11 j 20:28	0°♌	
superior conj	-1171 Aug 20 j 09:30	15°♌45'27	1°36'34
minimum elong	-1171 Aug 20 j 12:59	16°♌01'04	1°36'19
max. Earth dist.	-1171 Aug 28 j 00:14	29°♌00'50	1.41325 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1171 Aug 28 j 14:17	0°♍	
evening rise	-1171 Sep 02 j 07:59	7°♍48'37	
desc. node	-1171 Sep 06 j 14:25	14°♍36'32	
	-1171 Sep 16 j 18:30	0°♎	
greatest brilliancy	-1171 Sep 30 j 23:55	19°♎18'25	-0.3m
evening max el	-1171 Oct 05 j 23:19	24°♎52'53	22°47'48
	-1171 Oct 12 j 15:20	0°♏	
retrograde	-1171 Oct 15 j 21:43	0°♏46'51	
	-1171 Oct 18 j 22:29	30°℞♎	
evening set	-1171 Oct 20 j 14:04	28°♎53'04	
asc. node	-1171 Oct 24 j 02:29	25°♎02'43	
inferior conj	-1171 Oct 25 j 23:10	22°♎31'13	0°38'21
minimum elong	-1171 Oct 25 j 22:17	22°♎34'16	0°37'59
min. Earth dist.	-1171 Oct 25 j 18:44	22°♎46'32	0.67592 AU
morning rise	-1171 Oct 31 j 06:28	16°♎17'46	
direct	-1171 Nov 04 j 15:38	14°♎33'14	
morning max el	-1171 Nov 13 j 18:01	19°♎55'24	21°53'06
greatest brilliancy	-1171 Nov 18 j 13:44	25°♎23'26	-0.4m
	-1171 Nov 22 j 03:48	0°♏	
desc. node	-1171 Dec 03 j 13:46	16°♏12'17	
	-1171 Dec 12 j 14:45	0°♐	
morning set	-1171 Dec 16 j 01:28	5°♐27'08	
max. Earth dist.	-1171 Dec 22 j 09:00	15°♐45'07	1.41442 AU
superior conj	-1171 Dec 30 j 00:57	28°♐52'19	-1°-59'-47
minimum elong	-1171 Dec 30 j 00:11	28°♐48'58	1°59'49
	-1171 Dec 30 j 16:19	0°♑	
evening rise	-1170 Jan 09 j 16:26	18°♑11'08	
	-1170 Jan 16 j 04:22	0°♒	
asc. node	-1170 Jan 20 j 01:47	6°♒29'00	
evening max el	-1170 Jan 26 j 00:36	14°♒12'10	18°12'34
retrograde	-1170 Feb 01 j 23:16	17°♒42'01	
evening set	-1170 Feb 04 j 12:47	17°♒14'11	
inferior conj	-1170 Feb 11 j 11:24	12°♒25'03	3°46'08
minimum elong	-1170 Feb 11 j 13:13	12°♒20'56	3°45'58
min. Earth dist.	-1170 Feb 14 j 18:51	9°♒27'46	0.60218 AU
morning rise	-1170 Feb 18 j 10:33	6°♒44'08	
direct	-1170 Feb 25 j 02:31	4°♒39'22	
desc. node	-1170 Mar 01 j 12:56	5°♒30'53	
morning max el	-1170 Mar 11 j 08:28	12°♒24'41	27°25'25
	-1170 Mar 25 j 06:03	0°♓	
	-1170 Apr 11 j 01:04	0°♈	
morning set	-1170 Apr 11 j 20:03	1°♈37'43	
asc. node	-1170 Apr 18 j 01:05	14°♈54'12	
max. Earth dist.	-1170 Apr 18 j 08:06	15°♈32'33	1.32425 AU
superior conj	-1170 Apr 19 j 00:56	17°♈04'41	0°10'30
minimum elong	-1170 Apr 19 j 00:28	17°♈02'05	0°10'24
behind sun begin	-1170 Apr 18 j 20:39	16°♈41'12	
behind sun end	-1170 Apr 19 j 04:16	17°♈22'58	
	-1170 Apr 24 j 23:33	0°♉	
evening rise	-1170 Apr 25 j 23:54	2°♉09'08	
	-1170 May 11 j 03:16	0°♊	
evening max el	-1170 May 23 j 12:40	15°♊34'36	25°39'18
desc. node	-1170 May 28 j 12:07	19°♊38'08	
retrograde	-1170 Jun 06 j 14:08	22°♊47'01	
evening set	-1170 Jun 12 j 10:01	21°♊26'13	
min. Earth dist.	-1170 Jun 17 j 00:52	18°♊44'12	0.58377 AU
inferior conj	-1170 Jun 20 j 07:20	16°♊23'39	-4°-34'-59
minimum elong	-1170 Jun 20 j 05:46	16°♊26'29	4°34'55
morning rise	-1170 Jun 28 j 05:24	12°♊02'55	
direct	-1170 Jun 30 j 17:22	11°♊43'02	
morning max el	-1170 Jul 08 j 23:50	15°♊37'05	18°44'14
asc. node	-1170 Jul 15 j 00:19	23°♊06'25	
	-1170 Jul 19 j 04:00	0°♋	
morning set	-1170 Jul 25 j 08:35	11°♋40'24	
superior conj	-1170 Aug 03 j 02:22	28°♋35'13	1°46'38
minimum elong	-1170 Aug 03 j 03:31	28°♋40'42	1°46'37
	-1170 Aug 03 j 20:22	0°♌	
max. Earth dist.	-1170 Aug 10 j 03:37	11°♌29'47	1.39347 AU
evening rise	-1170 Aug 14 j 05:38	18°♌34'41	
	-1170 Aug 21 j 04:21	0°♍	
desc. node	-1170 Aug 24 j 11:25	5°♍09'41	
	-1170 Sep 11 j 02:30	0°♎	
evening max el	-1170 Sep 18 j 11:54	8°♎23'41	24°08'04
retrograde	-1170 Sep 29 j 13:01	14°♎53'12	
evening set	-1170 Oct 04 j 19:38	12°♎40'59	
min. Earth dist.	-1170 Oct 09 j 14:50	7°♎07'41	0.67441 AU
inferior conj	-1170 Oct 10 j 05:35	6°♎17'49	0°-15'-28
minimum elong	-1170 Oct 10 j 05:57	6°♎16'34	0°15'19
transit middle	-1170 Oct 10 j 05:57	6°♎16'34	0°15'19
transit begin	-1170 Oct 10 j 05:02	6°♎19'43	
transit end	-1170 Oct 10 j 06:53	6°♎13'25	
asc. node	-1170 Oct 10 j 23:31	5°♎17'29	
morning rise	-1170 Oct 15 j 16:32	0°♎09'15	
	-1170 Oct 15 j 21:44	30°℞♍	
direct	-1170 Oct 19 j 12:19	28°♍45'53	
	-1170 Oct 23 j 09:28	0°♎	
morning max el	-1170 Oct 27 j 13:47	3°♎27'09	20°35'48
greatest brilliancy	-1170 Nov 02 j 18:12	10°♎48'00	-0.5m
	-1170 Nov 16 j 03:04	0°♏	
desc. node	-1170 Nov 20 j 10:46	6°♏33'12	
morning set	-1170 Nov 25 j 02:06	13°♏42'01	
max. Earth dist.	-1170 Dec 04 j 15:06	28°♏47'36	1.43203 AU
	-1170 Dec 05 j 09:01	0°♐	
superior conj	-1170 Dec 11 j 00:31	9°♐16'45	-1°-49'-16
minimum elong	-1170 Dec 10 j 19:14	8°♐54'46	1°48'57
evening rise	-1170 Dec 23 j 07:05	0°♑24'04	
	-1170 Dec 23 j 01:37	0°♑	
asc. node	-1169 Jan 06 j 22:49	24°♑24'14	
evening max el	-1169 Jan 09 j 12:16	27°♑20'24	18°08'38
	-1169 Jan 13 j 00:09	0°♒	
retrograde	-1169 Jan 16 j 01:36	0°♒46'35	
evening set	-1169 Jan 18 j 18:59	0°♒10'13	
	-1169 Jan 19 j 03:48	30°℞♑	
inferior conj	-1169 Jan 25 j 05:24	24°♑59'57	3°53'59
minimum elong	-1169 Jan 25 j 04:55	25°♑01'10	3°53'58
min. Earth dist.	-1169 Jan 28 j 01:48	22°♑05'34	0.62246 AU
morning rise	-1169 Jan 31 j 12:39	19°♑05'10	
direct	-1169 Feb 07 j 12:45	16°♑30'41	
desc. node	-1169 Feb 16 j 09:58	19°♑57'04	
morning max el	-1169 Feb 21 j 12:52	24°♑21'00	27°46'03
	-1169 Feb 26 j 16:19	0°♒	
	-1169 Mar 18 j 13:25	0°♓	
morning set	-1169 Mar 26 j 23:23	16°♓06'33	
max. Earth dist.	-1169 Apr 01 j 17:48	28°♓12'01	1.32728 AU
	-1169 Apr 02 j 13:50	0°♈	
superior conj	-1169 Apr 03 j 10:53	1°♈53'59	0°-15'-27
minimum elong	-1169 Apr 03 j 11:36	1°♈57'54	0°15'18
behind sun begin	-1169 Apr 03 j 10:16	1°♈50'36	
behind sun end	-1169 Apr 03 j 12:57	2°♈05'13	
asc. node	-1169 Apr 04 j 22:08	5°♈05'29	
evening rise	-1169 Apr 10 j 11:33	17°♈04'32	
	-1169 Apr 16 j 21:52	0°♉	
evening max el	-1169 May 05 j 04:21	26°♉23'25	24°12'10
	-1169 May 09 j 12:59	0°♊	
desc. node	-1169 May 15 j 09:09	2°♊51'23	
retrograde	-1169 May 19 j 01:16	3°♊22'14	
evening set	-1169 May 23 j 12:17	2°♊37'53	
	-1169 May 29 j 00:23	30°℞♉	
min. Earth dist.	-1169 May 29 j 15:48	29°♉36'44	0.56578 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

inferior conj	-1169 Jun	01 j 05:41	27°♉59'48	-4°-1'-26	min. Earth dist.	-1168 May	10 j 04:59	9°♉34'54	0.55380 AU
minimum elong	-1169 May	31 j 23:57	28°♉08'50	4°00'25	inferior conj	-1168 May	11 j 09:40	8°♉54'00	-2°-43'-54
morning rise	-1169 Jun	09 j 15:29	23°♉57'26		minimum elong	-1168 May	11 j 03:04	9°♉03'25	2°41'57
direct	-1169 Jun	12 j 05:22	23°♉39'43		morning rise	-1168 May	20 j 06:09	4°♉59'27	
morning max el	-1169 Jun	21 j 21:02	28°♉08'14	19°39'52	direct	-1168 May	23 j 00:19	4°♉41'51	
	-1169 Jun	23 j 17:06	0°♊		morning max el	-1168 Jun	03 j 07:20	9°♉57'35	20°55'43
asc. node	-1169 Jul	01 j 21:21	11°♊45'17			-1168 Jun	17 j 06:26	0°♊	
morning set	-1169 Jul	09 j 10:02	26°♊03'41		asc. node	-1168 Jun	17 j 18:24	0°♊56'24	
	-1169 Jul	11 j 08:54	0°♋		morning set	-1168 Jun	22 j 16:58	10°♊45'04	
superior conj	-1169 Jul	17 j 10:48	12°♋13'03	1°46'57	superior conj	-1168 Jun	30 j 06:13	26°♊24'48	1°39'45
minimum elong	-1169 Jul	17 j 10:02	12°♋09'17	1°46'58	minimum elong	-1168 Jun	30 j 04:14	26°♊14'38	1°39'37
max. Earth dist.	-1169 Jul	23 j 06:40	23°♋26'22	1.37393 AU		-1168 Jul	02 j 00:24	0°♋	
	-1169 Jul	26 j 20:35	0°♌		max. Earth dist.	-1168 Jul	04 j 15:35	5°♋15'57	1.35670 AU
evening rise	-1169 Jul	27 j 03:50	0°♌32'29		evening rise	-1168 Jul	08 j 22:03	13°♋29'23	
desc. node	-1169 Aug	11 j 08:27	25°♌29'57			-1168 Jul	18 j 06:04	0°♌	
	-1169 Aug	14 j 09:37	0°♍		desc. node	-1168 Jul	28 j 05:29	15°♌30'17	
evening max el	-1169 Aug	31 j 23:15	21°♍58'45	25°23'40		-1168 Aug	08 j 06:17	0°♍	
retrograde	-1169 Sep	12 j 23:59	28°♍55'04		evening max el	-1168 Aug	13 j 10:55	5°♍33'48	26°26'45
evening set	-1169 Sep	18 j 21:29	26°♍26'08		retrograde	-1168 Aug	26 j 05:56	12°♍46'06	
min. Earth dist.	-1169 Sep	23 j 08:16	21°♍28'31	0.66975 AU	evening set	-1168 Sep	01 j 17:34	10°♍04'54	
inferior conj	-1169 Sep	24 j 09:46	20°♍05'49	-1°-10'-32	min. Earth dist.	-1168 Sep	05 j 20:28	5°♍45'02	0.66167 AU
minimum elong	-1169 Sep	24 j 11:31	20°♍00'09	1°09'50	inferior conj	-1168 Sep	07 j 09:47	3°♍51'19	-2°-5'-14
asc. node	-1169 Sep	27 j 20:32	15°♍58'00		minimum elong	-1168 Sep	07 j 12:52	3°♍41'57	2°04'05
morning rise	-1169 Sep	30 j 02:07	14°♍05'05			-1168 Sep	10 j 20:01	30°℞♌	
direct	-1169 Oct	03 j 10:36	12°♍59'58		morning rise	-1168 Sep	13 j 09:10	28°♌01'50	
morning max el	-1169 Oct	10 j 17:04	17°♍08'37	19°31'24	asc. node	-1168 Sep	13 j 17:34	27°♌50'44	
greatest brilliancy	-1169 Oct	19 j 13:56	28°♍29'15	-0.7m	direct	-1168 Sep	16 j 08:41	27°♌11'26	
	-1169 Oct	20 j 14:53	0°♎			-1168 Sep	22 j 03:09	0°♍	
morning set	-1169 Nov	04 j 01:31	22°♎02'00		morning max el	-1168 Sep	23 j 02:48	0°♍56'47	18°42'21
desc. node	-1169 Nov	07 j 07:47	27°♎06'21			-1168 Oct	12 j 23:39	0°♎	
	-1169 Nov	09 j 04:20	0°♏		morning set	-1168 Oct	13 j 21:51	1°♎28'28	
max. Earth dist.	-1169 Nov	17 j 04:17	12°♏34'15	1.44428 AU	desc. node	-1168 Oct	24 j 04:50	17°♎47'23	
superior conj	-1169 Nov	20 j 21:16	18°♏28'28	-1°-20'-55	superior conj	-1168 Oct	29 j 23:25	26°♎52'52	0°-36'-54
minimum elong	-1169 Nov	20 j 13:19	17°♏56'38	1°20'08	minimum elong	-1168 Oct	29 j 18:37	26°♎33'56	0°36'19
	-1169 Nov	28 j 00:07	0°♐		max. Earth dist.	-1168 Oct	29 j 22:12	26°♎48'03	1.44962 AU
evening rise	-1169 Dec	05 j 01:51	11°♐43'33			-1168 Oct	31 j 22:59	0°♏	
	-1169 Dec	16 j 03:08	0°♑		evening rise	-1168 Nov	14 j 21:12	22°♏04'12	
evening max el	-1169 Dec	24 j 00:46	10°♑39'52	18°23'31		-1168 Nov	19 j 20:05	0°♐	
asc. node	-1169 Dec	24 j 19:50	11°♑26'05		evening max el	-1168 Dec	06 j 11:34	24°♐05'23	18°56'13
retrograde	-1169 Dec	30 j 13:40	14°♑14'13		asc. node	-1168 Dec	10 j 16:50	27°♐20'27	
evening set	-1168 Jan	02 j 11:35	13°♑28'08		retrograde	-1168 Dec	13 j 07:48	27°♐58'12	
inferior conj	-1168 Jan	08 j 12:44	7°♑58'11	3°42'03	evening set	-1168 Dec	16 j 11:30	27°♐00'53	
minimum elong	-1168 Jan	08 j 10:41	8°♑04'02	3°41'45	inferior conj	-1168 Dec	22 j 05:51	21°♐13'37	3°16'07
min. Earth dist.	-1168 Jan	10 j 18:14	5°♑25'56	0.64036 AU	minimum elong	-1168 Dec	22 j 03:03	21°♐22'18	3°15'28
morning rise	-1168 Jan	14 j 08:19	1°♑54'19		min. Earth dist.	-1168 Dec	23 j 20:13	19°♐14'43	0.65467 AU
	-1168 Jan	17 j 06:59	30°℞♐		morning rise	-1168 Dec	27 j 17:39	15°♐03'29	
direct	-1168 Jan	21 j 06:38	29°♐04'52		direct	-1167 Jan	03 j 06:55	12°♐13'57	
	-1168 Jan	25 j 12:47	0°♑		morning max el	-1167 Jan	16 j 06:44	19°♐49'34	26°43'17
desc. node	-1168 Feb	03 j 07:01	6°♑18'04		desc. node	-1167 Jan	20 j 04:04	24°♐01'39	
morning max el	-1168 Feb	03 j 21:05	6°♑52'38	27°30'22		-1167 Jan	25 j 00:42	0°♑	
	-1168 Feb	21 j 15:59	0°♒			-1167 Feb	13 j 17:10	0°♒	
morning set	-1168 Mar	09 j 19:11	0°♓08'32		morning set	-1167 Feb	21 j 04:05	13°♒33'20	
	-1168 Mar	09 j 17:27	0°♓		max. Earth dist.	-1167 Feb	25 j 12:38	22°♒03'14	1.34604 AU
max. Earth dist.	-1168 Mar	14 j 20:22	10°♓24'21	1.33442 AU		-1167 Mar	01 j 10:23	0°♓	
superior conj	-1168 Mar	17 j 17:22	16°♓28'15	0°-41'-47	superior conj	-1167 Mar	01 j 18:17	0°♓40'53	-1°-7'-17
minimum elong	-1168 Mar	17 j 19:20	16°♓38'41	0°41'24	minimum elong	-1167 Mar	01 j 21:19	0°♓56'37	1°06'47
asc. node	-1168 Mar	21 j 19:10	25°♓11'45		asc. node	-1167 Mar	08 j 16:13	15°♓08'53	
	-1168 Mar	24 j 01:15	0°♈		evening rise	-1167 Mar	09 j 08:19	16°♓32'27	
evening rise	-1168 Mar	24 j 22:56	1°♈54'18			-1167 Mar	16 j 04:27	0°♈	
	-1168 Apr	09 j 19:09	0°♉		evening max el	-1167 Mar	28 j 19:28	17°♈54'29	21°08'05
evening max el	-1168 Apr	15 j 20:28	7°♉00'42	22°37'13	retrograde	-1167 Apr	09 j 12:47	23°♈34'17	
retrograde	-1168 Apr	28 j 23:12	13°♉28'14		evening set	-1167 Apr	11 j 21:08	23°♈21'28	
desc. node	-1168 May	01 j 06:11	13°♉16'38		desc. node	-1167 Apr	18 j 03:12	21°♈02'52	
evening set	-1168 May	02 j 02:21	13°♉06'46		inferior conj	-1167 Apr	21 j 04:15	19°♈22'50	0°-51'-51

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1167 Apr 21 j 01:48	19°♈26'18	0°50'58
min. Earth dist.	-1167 Apr 21 j 18:06	19°♈03'17	0.55049 AU
morning rise	-1167 Apr 30 j 06:06	15°♈18'56	
direct	-1167 May 03 j 11:07	14°♈56'37	
morning max el	-1167 May 16 j 07:01	21°♈04'51	22°28'12
	-1167 May 23 j 20:24	0°♉	
asc. node	-1167 Jun 04 j 15:29	20°♉31'30	
morning set	-1167 Jun 07 j 03:17	25°♉38'18	
	-1167 Jun 09 j 05:03	0°♊	
superior conj	-1167 Jun 14 j 09:13	11°♊00'16	1°26'45
minimum elong	-1167 Jun 14 j 06:43	10°♊47'00	1°26'28
max. Earth dist.	-1167 Jun 17 j 09:51	17°♊20'21	1.34289 AU
evening rise	-1167 Jun 22 j 07:16	27°♊11'32	
	-1167 Jun 23 j 18:04	0°♋	
	-1167 Jul 11 j 12:56	0°♌	
desc. node	-1167 Jul 15 j 02:29	5°♌02'06	
evening max el	-1167 Jul 26 j 22:40	18°♌59'56	27°09'34
retrograde	-1167 Aug 09 j 06:28	26°♌19'23	
evening set	-1167 Aug 16 j 05:24	23°♌33'40	
min. Earth dist.	-1167 Aug 20 j 01:06	19°♌51'39	0.64995 AU
inferior conj	-1167 Aug 22 j 03:30	17°♌30'25	-2°-57'-22
minimum elong	-1167 Aug 22 j 07:37	17°♌18'51	2°56'03
morning rise	-1167 Aug 28 j 11:20	11°♌55'32	
direct	-1167 Aug 31 j 04:15	11°♌16'25	
asc. node	-1167 Aug 31 j 14:39	11°♌17'26	
morning max el	-1167 Sep 06 j 16:49	14°♌47'24	18°09'53
	-1167 Sep 17 j 12:16	0°♍	
morning set	-1167 Sep 24 j 22:27	12°♍17'48	
	-1167 Oct 05 j 17:35	0°♎	
superior conj	-1167 Oct 09 j 03:28	5°♎28'04	0°12'36
minimum elong	-1167 Oct 09 j 05:02	5°♎34'16	0°12'23
behind sun begin	-1167 Oct 08 j 21:56	5°♎05'59	
behind sun end	-1167 Oct 09 j 12:07	6°♎02'31	
desc. node	-1167 Oct 11 j 01:51	8°♎32'26	
max. Earth dist.	-1167 Oct 12 j 17:05	11°♎07'41	1.44755 AU
	-1167 Oct 24 j 18:43	0°♏	
evening rise	-1167 Oct 25 j 17:32	1°♏28'32	
greatest brilliancy	-1167 Nov 11 j 23:18	27°♏38'51	-0.6m
	-1167 Nov 13 j 15:33	0°♐	
evening max el	-1167 Nov 19 j 18:23	7°♐32'26	19°45'18
retrograde	-1167 Nov 27 j 04:52	11°♐52'34	
asc. node	-1167 Nov 27 j 13:53	11°♐51'46	
evening set	-1167 Nov 30 j 16:07	10°♐42'08	
inferior conj	-1167 Dec 06 j 05:45	4°♐40'37	2°40'09
minimum elong	-1167 Dec 06 j 02:54	4°♐50'02	2°39'16
min. Earth dist.	-1167 Dec 07 j 06:21	3°♐19'36	0.66511 AU
	-1167 Dec 09 j 23:34	30°℞♏	
morning rise	-1167 Dec 11 j 13:01	28°♏26'24	
direct	-1167 Dec 17 j 13:00	25°♏48'13	
	-1167 Dec 26 j 10:14	0°♐	
morning max el	-1167 Dec 29 j 15:54	2°♐59'32	25°32'54
desc. node	-1166 Jan 07 j 01:07	12°♐42'57	
	-1166 Jan 19 j 06:16	0°♑	
morning set	-1166 Feb 03 j 21:26	26°♑06'58	
	-1166 Feb 06 j 00:07	0°♒	
max. Earth dist.	-1166 Feb 07 j 17:15	3°♒13'03	1.36208 AU
superior conj	-1166 Feb 13 j 10:54	14°♒23'32	-1°-30'-19
minimum elong	-1166 Feb 13 j 14:32	14°♒41'41	1°29'53
	-1166 Feb 21 j 03:20	0°♓	
evening rise	-1166 Feb 21 j 13:34	0°♓51'56	
asc. node	-1166 Feb 23 j 13:15	4°♓51'35	
evening max el	-1166 Mar 11 j 05:11	29°♓22'34	19°53'57
	-1166 Mar 11 j 21:20	0°♈	
retrograde	-1166 Mar 21 j 05:44	4°♈10'13	
evening set	-1166 Mar 23 j 09:36	3°♈57'49	
inferior conj	-1166 Apr 01 j 03:51	29°♓56'41	1°04'21
minimum elong	-1166 Apr 01 j 06:33	29°♓52'31	1°03'26
	-1166 Apr 01 j 01:41	30°℞♓	
min. Earth dist.	-1166 Apr 03 j 08:15	28°♓36'26	0.55666 AU
desc. node	-1166 Apr 05 j 00:15	27°♓38'12	
morning rise	-1166 Apr 10 j 00:27	25°♓25'44	
direct	-1166 Apr 14 j 02:50	24°♓48'36	
	-1166 Apr 26 j 01:36	0°♈	
morning max el	-1166 Apr 27 j 23:33	1°♈42'42	24°08'38
	-1166 May 17 j 08:56	0°♉	
morning set	-1166 May 22 j 15:13	10°♉37'30	
asc. node	-1166 May 22 j 12:35	10°♉23'40	
superior conj	-1166 May 29 j 17:10	25°♉50'58	1°09'17
minimum elong	-1166 May 29 j 14:43	25°♉37'42	1°08'54
max. Earth dist.	-1166 May 31 j 13:07	29°♉47'14	1.33288 AU
	-1166 May 31 j 15:30	0°♊	
evening rise	-1166 Jun 06 j 03:18	11°♊26'34	
	-1166 Jun 16 j 00:26	0°♋	
desc. node	-1166 Jul 01 j 23:30	23°♋53'31	
	-1166 Jul 07 j 06:53	0°♌	
evening max el	-1166 Jul 09 j 08:58	2°♌05'24	27°25'24
retrograde	-1166 Jul 23 j 01:20	9°♌26'23	
evening set	-1166 Jul 30 j 05:51	6°♌47'53	
min. Earth dist.	-1166 Aug 02 j 20:26	3°♌39'25	0.63447 AU
inferior conj	-1166 Aug 05 j 12:17	0°♌57'57	-3°-43'-46
minimum elong	-1166 Aug 05 j 16:46	0°♌46'36	3°42'41
	-1166 Aug 06 j 11:22	30°℞♋	
morning rise	-1166 Aug 12 j 05:49	25°♋40'57	
direct	-1166 Aug 14 j 18:32	25°♋10'00	
asc. node	-1166 Aug 18 j 11:45	26°♋17'34	
morning max el	-1166 Aug 21 j 08:25	28°♋35'10	17°54'57
	-1166 Aug 22 j 16:07	0°♌	
morning set	-1166 Sep 07 j 00:19	24°♌19'50	
	-1166 Sep 10 j 06:31	0°♍	
superior conj	-1166 Sep 19 j 04:59	15°♍09'07	0°55'24
minimum elong	-1166 Sep 19 j 10:01	15°♍29'58	0°54'46
max. Earth dist.	-1166 Sep 25 j 09:20	25°♍13'30	1.43848 AU
desc. node	-1166 Sep 27 j 22:52	29°♍18'55	
	-1166 Sep 28 j 09:14	0°♎	
evening rise	-1166 Oct 05 j 00:20	10°♎21'43	
	-1166 Oct 18 j 00:11	0°♏	
greatest brilliancy	-1166 Oct 28 j 02:25	14°♏12'47	-0.5m
evening max el	-1166 Nov 02 j 19:46	20°♏59'55	20°48'28
retrograde	-1166 Nov 11 j 02:28	25°♏54'06	
asc. node	-1166 Nov 14 j 10:57	24°♏49'56	
evening set	-1166 Nov 14 j 23:19	24°♏28'28	
inferior conj	-1166 Nov 20 j 10:00	18°♏16'12	1°56'51
minimum elong	-1166 Nov 20 j 07:37	18°♏24'20	1°55'58
min. Earth dist.	-1166 Nov 20 j 22:30	17°♏33'29	0.67194 AU
morning rise	-1166 Nov 25 j 15:28	12°♏00'10	
direct	-1166 Dec 01 j 00:21	9°♏40'32	
morning max el	-1166 Dec 12 j 00:28	16°♏14'30	24°08'58
	-1166 Dec 23 j 09:33	0°♐	
desc. node	-1166 Dec 24 j 22:10	2°♐05'16	
	-1165 Jan 12 j 06:09	0°♑	
morning set	-1165 Jan 16 j 17:19	7°♑33'16	
max. Earth dist.	-1165 Jan 20 j 13:27	14°♑18'30	1.38169 AU
superior conj	-1165 Jan 27 j 15:43	27°♑26'53	-1°-48'-35
minimum elong	-1165 Jan 27 j 18:59	27°♑42'25	1°48'23
	-1165 Jan 28 j 23:38	0°♒	
evening rise	-1165 Feb 05 j 12:18	14°♒46'06	
asc. node	-1165 Feb 10 j 10:18	24°♒14'28	
	-1165 Feb 13 j 15:38	0°♓	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening max el	-1165 Feb 22 j 01:37	11°♓28'29	18°58'50
retrograde	-1165 Mar 02 j 12:56	15°♓33'10	
evening set	-1165 Mar 04 j 19:53	15°♓16'32	
inferior conj	-1165 Mar 12 j 20:12	11°♓00'47	2°35'00
minimum elong	-1165 Mar 13 j 00:45	10°♓52'43	2°33'49
min. Earth dist.	-1165 Mar 16 j 00:17	8°♓47'15	0.57096 AU
morning rise	-1165 Mar 21 j 01:30	5°♓57'29	
desc. node	-1165 Mar 22 j 21:19	5°♓19'54	
direct	-1165 Mar 26 j 07:48	4°♓51'28	
morning max el	-1165 Apr 09 j 14:34	12°♓15'39	25°43'14
	-1165 Apr 23 j 08:45	0°♈	
morning set	-1165 May 07 j 03:01	25°♈36'26	
asc. node	-1165 May 09 j 09:37	0°♉27'04	
	-1165 May 09 j 04:35	0°♉	
superior conj	-1165 May 14 j 03:55	10°♉49'23	0°48'23
minimum elong	-1165 May 14 j 01:58	10°♉38'44	0°48'01
max. Earth dist.	-1165 May 14 j 22:51	12°♉32'49	1.32669 AU
evening rise	-1165 May 21 j 06:46	26°♉03'42	
	-1165 May 23 j 05:06	0°♊	
	-1165 Jun 09 j 13:22	0°♋	
desc. node	-1165 Jun 18 j 20:34	11°♋46'54	
evening max el	-1165 Jun 21 j 15:38	14°♋37'34	27°09'25
retrograde	-1165 Jul 05 j 13:34	21°♋56'31	
evening set	-1165 Jul 12 j 14:46	19°♋39'29	
min. Earth dist.	-1165 Jul 16 j 05:39	16°♋54'08	0.61582 AU
inferior conj	-1165 Jul 19 j 08:57	14°♋05'39	-4°-19'-36
minimum elong	-1165 Jul 19 j 12:30	13°♋57'40	4°19'05
morning rise	-1165 Jul 26 j 13:03	9°♋09'14	
direct	-1165 Jul 28 j 23:56	8°♋43'53	
morning max el	-1165 Aug 04 j 22:37	12°♋12'03	17°58'30
asc. node	-1165 Aug 05 j 08:50	12°♋37'35	
	-1165 Aug 16 j 21:12	0°♌	
morning set	-1165 Aug 20 j 21:28	7°♌17'05	
superior conj	-1165 Aug 31 j 09:59	26°♌11'14	1°25'23
minimum elong	-1165 Aug 31 j 14:37	26°♌31'26	1°24'56
	-1165 Sep 02 j 14:56	0°♍	
max. Earth dist.	-1165 Sep 07 j 20:41	8°♍48'53	1.42365 AU
evening rise	-1165 Sep 14 j 11:26	19°♍29'48	
desc. node	-1165 Sep 14 j 19:53	20°♍03'09	
	-1165 Sep 21 j 06:05	0°♎	
greatest brilliancy	-1165 Oct 11 j 21:15	29°♎05'01	-0.4m
	-1165 Oct 12 j 15:22	0°♏	
evening max el	-1165 Oct 16 j 15:18	4°♏27'48	22°02'21
retrograde	-1165 Oct 25 j 22:34	9°♏59'41	
evening set	-1165 Oct 30 j 07:12	8°♏16'46	
asc. node	-1165 Nov 01 j 08:01	6°♏18'16	
inferior conj	-1165 Nov 04 j 16:29	1°♏57'28	1°08'12
minimum elong	-1165 Nov 04 j 14:58	2°♏02'44	1°07'34
min. Earth dist.	-1165 Nov 04 j 18:06	1°♏51'52	0.67542 AU
	-1165 Nov 06 j 02:48	30°℞♎	
morning rise	-1165 Nov 09 j 22:30	25°♎42'11	
direct	-1165 Nov 14 j 16:09	23°♎44'30	
morning max el	-1165 Nov 24 j 10:44	29°♎32'55	22°41'28
	-1165 Nov 24 j 21:19	0°♏	
greatest brilliancy	-1165 Nov 29 j 02:52	4°♏47'08	-0.3m
desc. node	-1165 Dec 11 j 19:12	21°♏56'39	
	-1165 Dec 17 j 05:26	0°♐	
morning set	-1165 Dec 28 j 09:41	17°♐37'08	
max. Earth dist.	-1164 Jan 02 j 09:08	25°♐56'36	1.40278 AU
	-1164 Jan 04 j 17:42	0°♑	
superior conj	-1164 Jan 10 j 04:11	9°♑39'22	-1°-58'-58
minimum elong	-1164 Jan 10 j 05:27	9°♑45'07	1°58'59
evening rise	-1164 Jan 20 j 01:32	28°♑07'37	
	-1164 Jan 21 j 01:17	0°♒	

asc. node	-1164 Jan 28 j 07:20	13°♒10'46	
evening max el	-1164 Feb 05 j 06:25	24°♒06'07	18°23'46
retrograde	-1164 Feb 12 j 14:55	27°♒43'44	
evening set	-1164 Feb 15 j 02:18	27°♒20'17	
inferior conj	-1164 Feb 22 j 09:27	22°♒43'55	3°29'40
minimum elong	-1164 Feb 22 j 12:39	22°♒37'17	3°29'10
min. Earth dist.	-1164 Feb 25 j 19:42	19°♒55'40	0.59026 AU
morning rise	-1164 Feb 29 j 19:23	17°♒14'34	
direct	-1164 Mar 07 j 02:04	15°♒30'54	
desc. node	-1164 Mar 08 j 18:22	15°♒38'11	
morning max el	-1164 Mar 21 j 09:20	23°♒10'34	26°57'03
	-1164 Mar 27 j 12:00	0°♓	
	-1164 Apr 15 j 07:43	0°♈	
morning set	-1164 Apr 20 j 13:04	10°♈29'37	
asc. node	-1164 Apr 25 j 06:40	20°♈37'17	
superior conj	-1164 Apr 27 j 15:41	25°♈49'27	0°24'54
minimum elong	-1164 Apr 27 j 14:36	25°♈43'28	0°24'40
max. Earth dist.	-1164 Apr 27 j 11:44	25°♈27'48	1.32414 AU
	-1164 Apr 29 j 13:23	0°♉	
evening rise	-1164 May 04 j 15:06	10°♉54'28	
	-1164 May 14 j 11:34	0°♊	
evening max el	-1164 Jun 02 j 16:24	26°♊27'29	26°20'36
desc. node	-1164 Jun 04 j 17:35	28°♊18'04	
	-1164 Jun 06 j 21:48	0°♋	
retrograde	-1164 Jun 16 j 17:23	3°♋42'24	
evening set	-1164 Jun 23 j 03:38	1°♋59'26	
	-1164 Jun 26 j 08:14	30°℞♊	
min. Earth dist.	-1164 Jun 27 j 05:29	29°♊21'13	0.59544 AU
inferior conj	-1164 Jun 30 j 13:54	26°♊44'41	-4°-37'-15
minimum elong	-1164 Jun 30 j 14:42	26°♊43'06	4°37'14
morning rise	-1164 Jul 08 j 05:12	22°♊10'39	
direct	-1164 Jul 10 j 16:27	21°♊49'01	
morning max el	-1164 Jul 18 j 08:24	25°♊30'10	18°21'37
asc. node	-1164 Jul 22 j 05:53	0°♋02'19	
	-1164 Jul 22 j 05:12	0°♋	
morning set	-1164 Aug 03 j 08:36	20°♋55'41	
	-1164 Aug 08 j 02:53	0°♌	
superior conj	-1164 Aug 12 j 15:21	8°♌25'57	1°42'10
minimum elong	-1164 Aug 12 j 17:50	8°♌37'23	1°42'03
max. Earth dist.	-1164 Aug 20 j 02:48	21°♌43'46	1.40502 AU
evening rise	-1164 Aug 24 j 18:35	29°♌34'44	
	-1164 Aug 25 j 00:43	0°♍	
desc. node	-1164 Aug 31 j 16:54	10°♍41'35	
	-1164 Sep 13 j 18:22	0°♎	
evening max el	-1164 Sep 28 j 05:59	17°♎57'36	23°22'04
retrograde	-1164 Oct 08 j 15:48	24°♎06'49	
evening set	-1164 Oct 13 j 14:05	22°♎05'17	
asc. node	-1164 Oct 18 j 05:03	16°♎45'26	
inferior conj	-1164 Oct 18 j 23:24	15°♎42'39	0°15'49
minimum elong	-1164 Oct 18 j 23:02	15°♎43'56	0°15'39
transit middle	-1164 Oct 18 j 23:02	15°♎43'56	0°15'39
transit begin	-1164 Oct 18 j 22:16	15°♎46'34	
transit end	-1164 Oct 18 j 23:48	15°♎41'18	
min. Earth dist.	-1164 Oct 18 j 14:40	16°♎12'37	0.67573 AU
morning rise	-1164 Oct 24 j 08:01	9°♎30'55	
direct	-1164 Oct 28 j 11:24	7°♎55'26	
morning max el	-1164 Nov 06 j 02:18	12°♎58'52	21°18'48
greatest brilliancy	-1164 Nov 11 j 08:42	19°♎03'13	-0.4m
	-1164 Nov 19 j 09:56	0°♏	
desc. node	-1164 Nov 27 j 16:13	12°♏08'48	
morning set	-1164 Dec 06 j 21:45	26°♏21'13	
	-1164 Dec 09 j 05:00	0°♐	
max. Earth dist.	-1164 Dec 14 j 11:18	8°♐30'25	1.42251 AU
superior conj	-1164 Dec 21 j 18:45	20°♐47'00	-1°-57'-22

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1164 Dec 21 j 16:08	20°♐35'45	1°57'18
	-1164 Dec 27 j 01:23	0°♑	
evening rise	-1163 Jan 02 j 01:39	10°♑48'16	
	-1163 Jan 13 j 03:47	0°♒	
asc. node	-1163 Jan 14 j 04:21	1°♒31'22	
evening max el	-1163 Jan 18 j 16:25	7°♒05'34	18°08'31
retrograde	-1163 Jan 25 j 09:43	10°♒32'00	
evening set	-1163 Jan 28 j 01:00	10°♒00'30	
inferior conj	-1163 Feb 03 j 18:00	5°♒02'03	3°52'21
minimum elong	-1163 Feb 03 j 18:47	5°♒00'10	3°52'17
min. Earth dist.	-1163 Feb 06 j 21:26	2°♒03'32	0.61104 AU
	-1163 Feb 09 j 08:29	30°℞♑	
morning rise	-1163 Feb 10 j 09:56	29°♑14'48	
direct	-1163 Feb 17 j 06:48	26°♑56'03	
desc. node	-1163 Feb 23 j 15:24	28°♑42'09	
	-1163 Feb 25 j 18:58	0°♒	
morning max el	-1163 Mar 03 j 10:20	4°♒43'16	27°38'46
	-1163 Mar 22 j 06:10	0°♓	
morning set	-1163 Apr 04 j 19:27	25°♓09'14	
	-1163 Apr 07 j 03:14	0°♈	
max. Earth dist.	-1163 Apr 10 j 23:51	8°♈17'24	1.32514 AU
superior conj	-1163 Apr 12 j 02:45	10°♈44'02	0°00'-24
minimum elong	-1163 Apr 12 j 02:46	10°♈44'07	0°00'24
behind sun begin	-1163 Apr 11 j 21:43	10°♈16'31	
behind sun end	-1163 Apr 12 j 07:49	11°♈11'44	
asc. node	-1163 Apr 12 j 03:41	10°♈49'10	
evening rise	-1163 Apr 19 j 02:03	25°♈50'01	
	-1163 Apr 21 j 02:02	0°♉	
	-1163 May 08 j 18:28	0°♊	
evening max el	-1163 May 15 j 10:31	7°♊33'49	25°04'05
desc. node	-1163 May 22 j 14:36	12°♊53'53	
retrograde	-1163 May 29 j 10:47	14°♊41'18	
evening set	-1163 Jun 03 j 17:42	13°♊37'02	
min. Earth dist.	-1163 Jun 08 j 22:15	10°♊48'40	0.57567 AU
inferior conj	-1163 Jun 11 j 23:46	8°♊44'50	-4°-25'-52
minimum elong	-1163 Jun 11 j 20:18	8°♊50'44	4°25'30
morning rise	-1163 Jun 20 j 02:48	4°♊32'39	
direct	-1163 Jun 22 j 15:42	4°♊13'40	
morning max el	-1163 Jul 01 j 10:51	8°♊20'19	19°05'22
asc. node	-1163 Jul 09 j 02:55	18°♊17'13	
	-1163 Jul 15 j 15:20	0°♋	
morning set	-1163 Jul 18 j 05:42	5°♋04'44	
superior conj	-1163 Jul 26 j 15:24	21°♋37'32	1°47'49
minimum elong	-1163 Jul 26 j 15:40	21°♋38'48	1°47'50
	-1163 Jul 31 j 01:44	0°♌	
max. Earth dist.	-1163 Aug 02 j 05:43	3°♌57'55	1.38500 AU
evening rise	-1163 Aug 06 j 02:58	10°♌51'34	
	-1163 Aug 17 j 19:41	0°♍	
desc. node	-1163 Aug 18 j 13:56	1°♍09'57	
	-1163 Sep 09 j 06:22	0°♎	
evening max el	-1163 Sep 10 j 17:49	1°♎30'30	24°41'16
retrograde	-1163 Sep 22 j 05:13	8°♎12'08	
evening set	-1163 Sep 27 j 18:18	5°♎52'18	
min. Earth dist.	-1163 Oct 02 j 09:48	0°♎34'10	0.67284 AU
	-1163 Oct 02 j 20:06	30°℞♍	
inferior conj	-1163 Oct 03 j 05:04	29°♍30'04	0°-38'-44
minimum elong	-1163 Oct 03 j 06:01	29°♍26'55	0°38'21
asc. node	-1163 Oct 05 j 02:05	27°♍04'07	
morning rise	-1163 Oct 08 j 18:07	23°♍24'44	
direct	-1163 Oct 12 j 08:53	22°♍09'31	
morning max el	-1163 Oct 20 j 01:22	26°♍35'20	20°06'46
	-1163 Oct 23 j 02:27	0°♎	
greatest brilliancy	-1163 Oct 27 j 03:03	5°♎13'14	-0.6m
	-1163 Nov 12 j 20:43	0°♏	
desc. node	-1163 Nov 14 j 13:14	2°♏35'54	
morning set	-1163 Nov 15 j 18:52	4°♏30'16	
max. Earth dist.	-1163 Nov 26 j 21:21	21°♏56'45	1.43802 AU
	-1163 Dec 01 j 20:59	0°♐	
superior conj	-1163 Dec 02 j 06:49	0°♐40'08	-1°-39'-29
minimum elong	-1163 Dec 01 j 23:53	0°♐11'47	1°38'57
evening rise	-1163 Dec 15 j 08:29	22°♐40'28	
	-1163 Dec 19 j 14:29	0°♑	
asc. node	-1162 Jan 01 j 01:22	19°♑05'57	
evening max el	-1162 Jan 02 j 04:46	20°♑19'38	18°12'36
retrograde	-1162 Jan 08 j 16:54	23°♑48'08	
evening set	-1162 Jan 11 j 12:06	23°♑07'45	
inferior conj	-1162 Jan 17 j 18:12	17°♑48'31	3°50'57
minimum elong	-1162 Jan 17 j 16:57	17°♑51'53	3°50'50
min. Earth dist.	-1162 Jan 20 j 08:19	15°♑01'55	0.63048 AU
morning rise	-1162 Jan 23 j 20:00	11°♑49'17	
direct	-1162 Jan 30 j 20:11	9°♑06'55	
desc. node	-1162 Feb 10 j 12:27	14°♑02'03	
morning max el	-1162 Feb 13 j 16:55	16°♑56'48	27°43'38
	-1162 Feb 24 j 13:50	0°♒	
	-1162 Mar 14 j 23:04	0°♓	
morning set	-1162 Mar 19 j 19:56	9°♓27'54	
max. Earth dist.	-1162 Mar 25 j 07:13	20°♓47'47	1.32989 AU
superior conj	-1162 Mar 27 j 11:27	25°♓27'27	0°-26'-39
minimum elong	-1162 Mar 27 j 12:42	25°♓34'12	0°26'23
	-1162 Mar 29 j 13:53	0°♈	
asc. node	-1162 Mar 30 j 00:43	0°♈58'37	
evening rise	-1162 Apr 03 j 13:49	10°♈43'46	
	-1162 Apr 13 j 13:08	0°♉	
evening max el	-1162 Apr 27 j 01:17	18°♉12'56	23°31'37
desc. node	-1162 May 09 j 11:38	24°♉58'03	
retrograde	-1162 May 10 j 16:14	25°♉01'16	
evening set	-1162 May 14 j 12:57	24°♉28'25	
min. Earth dist.	-1162 May 21 j 11:47	21°♉15'42	0.55979 AU
inferior conj	-1162 May 23 j 13:35	20°♉01'23	-3°-33'-51
minimum elong	-1162 May 23 j 06:51	20°♉11'27	3°32'17
morning rise	-1162 Jun 01 j 04:19	16°♉04'33	
direct	-1162 Jun 03 j 19:35	15°♉47'17	
morning max el	-1162 Jun 14 j 03:34	20°♉34'03	20°09'55
	-1162 Jun 21 j 17:33	0°♊	
asc. node	-1162 Jun 25 j 23:58	7°♊10'37	
morning set	-1162 Jul 02 j 09:42	19°♊36'07	
	-1162 Jul 07 j 11:42	0°♋	
superior conj	-1162 Jul 10 j 04:58	5°♋31'02	1°44'43
minimum elong	-1162 Jul 10 j 03:36	5°♋24'10	1°44'40
max. Earth dist.	-1162 Jul 15 j 10:28	15°♋47'31	1.36615 AU
evening rise	-1162 Jul 19 j 10:12	23°♋15'22	
	-1162 Jul 23 j 04:47	0°♌	
desc. node	-1162 Aug 05 j 10:57	21°♌22'30	
	-1162 Aug 11 j 12:38	0°♍	
evening max el	-1162 Aug 24 j 04:57	15°♍05'12	25°52'32
retrograde	-1162 Sep 05 j 14:10	22°♍10'09	
evening set	-1162 Sep 11 j 17:58	19°♍34'54	
min. Earth dist.	-1162 Sep 16 j 01:11	14°♍53'27	0.66668 AU
inferior conj	-1162 Sep 17 j 07:41	13°♍16'55	-1°-33'-58
minimum elong	-1162 Sep 17 j 10:01	13°♍09'32	1°33'02
asc. node	-1162 Sep 21 j 23:08	8°♍10'15	
morning rise	-1162 Sep 23 j 02:51	7°♍20'52	
direct	-1162 Sep 26 j 07:10	6°♍22'36	
morning max el	-1162 Oct 03 j 07:41	10°♍20'20	19°08'40
	-1162 Oct 17 j 13:42	0°♎	
morning set	-1162 Oct 26 j 01:08	13°♎13'06	
desc. node	-1162 Nov 01 j 10:16	23°♎12'48	
	-1162 Nov 05 j 18:07	0°♏	
max. Earth dist.	-1162 Nov 09 j 12:49	5°♏56'49	1.44737 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1162 Nov 11 j 17:44	9°♏25'51	-1°-3'-44
minimum elong	-1162 Nov 11 j 10:20	8°♏56'37	1°02'54
	-1162 Nov 24 j 12:57	0°♐	
evening rise	-1162 Nov 26 j 17:36	3°♐35'25	
	-1162 Dec 13 j 13:21	0°♑	
evening max el	-1162 Dec 16 j 16:47	3°♑41'55	18°35'16
asc. node	-1162 Dec 18 j 22:24	5°♑41'03	
retrograde	-1162 Dec 23 j 08:06	7°♑23'22	
evening set	-1162 Dec 26 j 08:10	6°♑32'52	
inferior conj	-1161 Jan 01 j 06:09	0°♑55'09	3°32'28
minimum elong	-1161 Jan 01 j 03:41	1°♑02'28	3°32'02
	-1161 Jan 02 j 00:39	30°℞♐	
min. Earth dist.	-1161 Jan 03 j 05:07	28°♐35'59	0.64689 AU
morning rise	-1161 Jan 06 j 21:58	24°♐48'01	
direct	-1161 Jan 13 j 17:00	21°♐56'48	
morning max el	-1161 Jan 27 j 02:17	29°♐41'38	27°13'42
	-1161 Jan 27 j 09:36	0°♑	
desc. node	-1161 Jan 28 j 09:29	1°♑01'41	
	-1161 Feb 18 j 11:34	0°♒	
morning set	-1161 Mar 03 j 11:39	23°♒16'06	
	-1161 Mar 06 j 21:04	0°♓	
max. Earth dist.	-1161 Mar 08 j 05:45	2°♓46'25	1.33880 AU
superior conj	-1161 Mar 11 j 15:52	9°♓53'36	0°-52'-47
minimum elong	-1161 Mar 11 j 18:20	10°♓06'31	0°52'21
asc. node	-1161 Mar 16 j 21:46	21°♓01'41	
evening rise	-1161 Mar 19 j 00:36	25°♓29'28	
	-1161 Mar 21 j 05:03	0°♈	
evening max el	-1161 Apr 08 j 19:36	28°♈54'30	21°57'52
	-1161 Apr 10 j 00:07	0°♉	
retrograde	-1161 Apr 21 j 10:14	5°♉03'49	
evening set	-1161 Apr 24 j 03:02	4°♉47'35	
desc. node	-1161 Apr 26 j 08:40	4°♉11'18	
min. Earth dist.	-1161 May 03 j 01:08	0°♉57'58	0.55118 AU
inferior conj	-1161 May 03 j 12:07	0°♉42'30	-1°-59'-6
minimum elong	-1161 May 03 j 06:48	0°♉50'00	1°57'21
	-1161 May 04 j 18:30	30°℞♈	
morning rise	-1161 May 12 j 11:53	26°♈46'12	
direct	-1161 May 15 j 09:11	26°♈27'37	
	-1161 May 24 j 21:02	0°♉	
morning max el	-1161 May 27 j 09:20	2°♉06'13	21°33'28
asc. node	-1161 Jun 12 j 21:03	26°♉33'15	
	-1161 Jun 14 j 14:44	0°♊	
morning set	-1161 Jun 16 j 18:20	4°♊23'43	
superior conj	-1161 Jun 24 j 04:03	19°♊54'51	1°34'52
minimum elong	-1161 Jun 24 j 01:46	19°♊42'59	1°34'40
max. Earth dist.	-1161 Jun 27 j 22:51	27°♊40'31	1.35030 AU
	-1161 Jun 29 j 02:42	0°♋	
evening rise	-1161 Jul 02 j 11:27	6°♋33'58	
	-1161 Jul 15 j 21:05	0°♌	
desc. node	-1161 Jul 23 j 07:59	11°♌12'23	
evening max el	-1161 Aug 06 j 16:38	28°♌37'41	26°47'55
	-1161 Aug 08 j 04:00	0°♍	
retrograde	-1161 Aug 19 j 18:05	5°♍54'54	
evening set	-1161 Aug 26 j 10:55	3°♍10'33	
	-1161 Aug 29 j 15:58	30°℞♌	
min. Earth dist.	-1161 Aug 30 j 10:33	29°♌06'52	0.65707 AU
inferior conj	-1161 Sep 01 j 05:20	27°♌00'38	-2°-27'-53
minimum elong	-1161 Sep 01 j 08:54	26°♌50'05	2°26'36
morning rise	-1161 Sep 07 j 08:09	21°♌16'56	
asc. node	-1161 Sep 08 j 20:12	20°♌41'57	
direct	-1161 Sep 10 j 04:26	20°♌31'54	
morning max el	-1161 Sep 16 j 19:34	24°♌10'29	18°26'26
	-1161 Sep 21 j 13:52	0°♍	
morning set	-1161 Oct 06 j 09:20	23°♍14'33	
	-1161 Oct 10 j 13:41	0°♎	
desc. node	-1161 Oct 19 j 07:19	13°♎56'04	
superior conj	-1161 Oct 21 j 17:50	17°♎47'05	0°-15'-48
minimum elong	-1161 Oct 21 j 15:45	17°♎38'51	0°15'32
behind sun begin	-1161 Oct 21 j 12:20	17°♎25'24	
behind sun end	-1161 Oct 21 j 19:09	17°♎52'18	
max. Earth dist.	-1161 Oct 23 j 06:52	20°♎12'56	1.44960 AU
	-1161 Oct 29 j 12:23	0°♏	
evening rise	-1161 Nov 07 j 02:36	13°♏30'09	
	-1161 Nov 17 j 15:01	0°♐	
greatest brilliancy	-1161 Nov 20 j 01:14	3°♐42'48	-0.7m
evening max el	-1161 Nov 30 j 02:07	17°♐08'28	19°15'16
asc. node	-1161 Dec 05 j 19:28	21°♐01'53	
retrograde	-1161 Dec 07 j 03:45	21°♐12'01	
evening set	-1161 Dec 10 j 10:22	20°♐09'31	
inferior conj	-1161 Dec 16 j 02:30	14°♐16'04	3°01'53
minimum elong	-1161 Dec 15 j 23:36	14°♐25'19	3°01'08
min. Earth dist.	-1161 Dec 17 j 10:55	12°♐32'40	0.65958 AU
morning rise	-1161 Dec 21 j 11:59	8°♐03'50	
direct	-1161 Dec 27 j 20:03	5°♐17'36	
morning max el	-1160 Jan 09 j 11:44	12°♐45'01	26°15'32
desc. node	-1160 Jan 15 j 06:32	19°♐12'18	
	-1160 Jan 23 j 10:38	0°♑	
	-1160 Feb 11 j 03:17	0°♒	
morning set	-1160 Feb 14 j 14:37	6°♒21'27	
max. Earth dist.	-1160 Feb 18 j 16:39	14°♒09'54	1.35230 AU
superior conj	-1160 Feb 23 j 13:41	23°♒55'04	-1°-17'-28
minimum elong	-1160 Feb 23 j 17:03	24°♒12'17	1°16'59
	-1160 Feb 26 j 12:34	0°♓	
evening rise	-1160 Mar 02 j 08:31	10°♓00'39	
asc. node	-1160 Mar 02 j 18:49	10°♓53'31	
	-1160 Mar 13 j 02:06	0°♈	
evening max el	-1160 Mar 20 j 23:09	10°♈02'49	20°34'27
retrograde	-1160 Mar 31 j 23:20	15°♈19'33	
evening set	-1160 Apr 03 j 04:16	15°♈07'43	
inferior conj	-1160 Apr 12 j 07:08	11°♈10'27	0°-1'00
minimum elong	-1160 Apr 12 j 07:05	11°♈10'31	0°01'00
transit middle	-1160 Apr 12 j 07:05	11°♈10'31	0°01'00
transit begin	-1160 Apr 12 j 03:02	11°♈16'23	
transit end	-1160 Apr 12 j 11:09	11°♈04'39	
desc. node	-1160 Apr 12 j 05:43	11°♈12'31	
min. Earth dist.	-1160 Apr 13 j 14:56	10°♈24'28	0.55198 AU
morning rise	-1160 Apr 21 j 08:08	6°♈56'21	
direct	-1160 Apr 24 j 21:08	6°♈29'07	
morning max el	-1160 May 08 j 05:22	12°♈59'00	23°10'34
	-1160 May 21 j 02:35	0°♉	
asc. node	-1160 May 29 j 18:08	16°♉16'32	
morning set	-1160 May 31 j 05:34	19°♉20'24	
	-1160 Jun 05 j 05:36	0°♊	
superior conj	-1160 Jun 07 j 09:28	4°♊38'04	1°19'50
minimum elong	-1160 Jun 07 j 06:55	4°♊24'27	1°19'29
max. Earth dist.	-1160 Jun 09 j 21:09	9°♊54'32	1.33820 AU
evening rise	-1160 Jun 15 j 01:48	20°♊32'14	
	-1160 Jun 20 j 00:15	0°♋	
	-1160 Jul 08 j 20:17	0°♌	
desc. node	-1160 Jul 09 j 05:01	0°♌28'57	
evening max el	-1160 Jul 19 j 04:13	11°♌57'25	27°20'00
retrograde	-1160 Aug 01 j 16:20	19°♌17'49	
evening set	-1160 Aug 08 j 18:19	16°♌33'57	
min. Earth dist.	-1160 Aug 12 j 11:34	13°♌06'41	0.64379 AU
inferior conj	-1160 Aug 14 j 19:36	10°♌35'53	-3°-18'-1
minimum elong	-1160 Aug 14 j 23:59	10°♌24'04	3°16'44
morning rise	-1160 Aug 21 j 07:25	5°♌07'54	
direct	-1160 Aug 23 j 22:13	4°♌32'34	
asc. node	-1160 Aug 25 j 17:18	4°♌49'18	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning max el	-1160 Aug 30 j 10:31	8°♌00'17	18°01'15
	-1160 Sep 14 j 04:07	0°♍	
morning set	-1160 Sep 16 j 21:23	4°♍37'00	
superior conj	-1160 Sep 30 j 05:16	26°♍45'21	0°32'07
minimum elong	-1160 Sep 30 j 08:51	26°♍59'49	0°31'38
	-1160 Oct 02 j 05:36	0°♎	
max. Earth dist.	-1160 Oct 05 j 00:56	4°♎28'40	1.44452 AU
desc. node	-1160 Oct 05 j 04:21	4°♎42'15	
evening rise	-1160 Oct 16 j 15:20	22°♎36'34	
	-1160 Oct 21 j 10:49	0°♏	
greatest brilliancy	-1160 Nov 05 j 13:04	22°♏19'12	-0.6m
	-1160 Nov 11 j 17:01	0°♐	
evening max el	-1160 Nov 12 j 06:52	0°♐36'28	20°10'44
retrograde	-1160 Nov 20 j 01:11	5°♐09'56	
asc. node	-1160 Nov 21 j 16:30	4°♐54'33	
evening set	-1160 Nov 23 j 16:18	3°♐53'17	
	-1160 Nov 27 j 11:58	30°℞♏	
inferior conj	-1160 Nov 29 j 04:30	27°♏47'02	2°22'33
minimum elong	-1160 Nov 29 j 01:47	27°♏56'07	2°21'38
min. Earth dist.	-1160 Nov 29 j 23:48	26°♏42'19	0.66846 AU
morning rise	-1160 Dec 04 j 10:42	21°♏31'59	
direct	-1160 Dec 10 j 04:31	19°♏00'53	
morning max el	-1160 Dec 21 j 20:18	25°♏57'10	24°58'17
	-1160 Dec 25 j 13:47	0°♐	
desc. node	-1159 Jan 01 j 03:36	8°♐13'00	
	-1159 Jan 16 j 00:08	0°♑	
morning set	-1159 Jan 26 j 23:39	18°♑28'58	
max. Earth dist.	-1159 Jan 30 j 16:57	25°♑14'10	1.37007 AU
	-1159 Feb 02 j 05:59	0°♒	
superior conj	-1159 Feb 06 j 01:50	7°♒23'16	-1°-38'-49
minimum elong	-1159 Feb 06 j 05:28	7°♒41'03	1°38'27
evening rise	-1159 Feb 14 j 11:21	24°♒10'57	
	-1159 Feb 17 j 09:53	0°♓	
asc. node	-1159 Feb 17 j 15:52	0°♓29'07	
evening max el	-1159 Mar 03 j 13:44	21°♓48'18	19°28'05
retrograde	-1159 Mar 12 j 21:05	26°♓15'35	
evening set	-1159 Mar 15 j 02:04	26°♓01'40	
inferior conj	-1159 Mar 23 j 12:52	21°♓55'22	1°46'56
minimum elong	-1159 Mar 23 j 16:52	21°♓48'53	1°45'42
min. Earth dist.	-1159 Mar 26 j 05:29	20°♓11'07	0.56197 AU
desc. node	-1159 Mar 30 j 02:45	18°♓00'50	
morning rise	-1159 Apr 01 j 03:59	17°♓10'53	
direct	-1159 Apr 05 j 18:16	16°♓23'05	
morning max el	-1159 Apr 19 j 20:21	23°♓31'11	24°50'23
	-1159 Apr 25 j 16:15	0°♈	
	-1159 May 13 j 15:25	0°♉	
morning set	-1159 May 15 j 17:40	4°♉20'33	
asc. node	-1159 May 16 j 15:12	6°♉14'23	
superior conj	-1159 May 22 j 18:50	19°♉32'57	1°00'47
minimum elong	-1159 May 22 j 16:32	19°♉20'30	1°00'23
max. Earth dist.	-1159 May 24 j 03:49	22°♉31'44	1.32990 AU
	-1159 May 27 j 15:49	0°♊	
evening rise	-1159 May 30 j 01:23	4°♊58'13	
	-1159 Jun 12 j 16:12	0°♋	
desc. node	-1159 Jun 26 j 02:02	18°♋58'07	
evening max el	-1159 Jul 01 j 13:28	24°♋50'47	27°22'35
	-1159 Jul 08 j 05:03	0°♌	
retrograde	-1159 Jul 15 j 08:07	2°♌10'05	
	-1159 Jul 22 j 00:11	30°℞♋	
evening set	-1159 Jul 22 j 12:37	29°♋39'11	
min. Earth dist.	-1159 Jul 26 j 02:34	26°♋42'07	0.62695 AU
inferior conj	-1159 Jul 28 j 23:38	23°♋56'04	-4°00'-38
minimum elong	-1159 Jul 29 j 03:54	23°♋45'45	3°59'46
morning rise	-1159 Aug 04 j 21:33	18°♋47'18	

direct	-1159 Aug 07 j 09:20	18°♋18'52	
asc. node	-1159 Aug 12 j 14:23	20°♋25'08	
morning max el	-1159 Aug 14 j 01:48	21°♋43'54	17°54'06
	-1159 Aug 20 j 09:34	0°♌	
morning set	-1159 Aug 30 j 08:08	17°♌04'34	
	-1159 Sep 06 j 16:08	0°♍	
superior conj	-1159 Sep 10 j 18:21	7°♍00'22	1°09'49
minimum elong	-1159 Sep 10 j 23:35	7°♍22'28	1°09'14
max. Earth dist.	-1159 Sep 17 j 15:51	18°♍25'21	1.43282 AU
desc. node	-1159 Sep 22 j 01:22	25°♍28'06	
	-1159 Sep 24 j 22:31	0°♎	
evening rise	-1159 Sep 25 j 21:35	1°♎29'57	
	-1159 Oct 15 j 01:22	0°♏	
greatest brilliancy	-1159 Oct 21 j 01:46	8°♏04'34	-0.4m
evening max el	-1159 Oct 26 j 05:43	14°♏03'53	21°18'54
retrograde	-1159 Nov 03 j 22:14	19°♏13'31	
evening set	-1159 Nov 07 j 23:59	17°♏40'30	
asc. node	-1159 Nov 08 j 13:34	17°♏12'38	
inferior conj	-1159 Nov 13 j 09:52	11°♏24'49	1°36'45
minimum elong	-1159 Nov 13 j 07:48	11°♏31'53	1°35'56
min. Earth dist.	-1159 Nov 13 j 17:33	10°♏58'21	0.67381 AU
morning rise	-1159 Nov 18 j 15:19	5°♏09'03	
direct	-1159 Nov 23 j 17:39	2°♏58'45	
morning max el	-1159 Dec 04 j 05:11	9°♏13'17	23°31'46
greatest brilliancy	-1159 Dec 10 j 13:02	16°♏26'37	-0.2m
desc. node	-1159 Dec 19 j 00:37	27°♏48'41	
	-1159 Dec 20 j 13:25	0°♐	
morning set	-1158 Jan 08 j 08:22	29°♐21'01	
	-1158 Jan 08 j 17:35	0°♑	
max. Earth dist.	-1158 Jan 12 j 12:22	6°♑31'16	1.39065 AU
superior conj	-1158 Jan 20 j 00:15	20°♑06'16	-1°-54'-12
minimum elong	-1158 Jan 20 j 02:54	20°♑18'38	1°54'05
	-1158 Jan 25 j 05:01	0°♒	
evening rise	-1158 Jan 29 j 06:24	7°♒52'12	
asc. node	-1158 Feb 04 j 12:54	19°♒41'40	
	-1158 Feb 11 j 00:13	0°♓	
evening max el	-1158 Feb 14 j 13:57	4°♓08'07	18°41'25
retrograde	-1158 Feb 22 j 12:30	7°♓59'38	
evening set	-1158 Feb 24 j 21:20	7°♓40'18	
inferior conj	-1158 Mar 04 j 14:00	3°♓15'46	3°02'33
minimum elong	-1158 Mar 04 j 18:15	3°♓07'42	3°01'37
min. Earth dist.	-1158 Mar 07 j 22:25	0°♓44'58	0.57877 AU
	-1158 Mar 09 j 00:14	30°℞♒	
morning rise	-1158 Mar 12 j 11:12	28°♒00'20	
desc. node	-1158 Mar 16 j 23:47	26°♒42'45	
direct	-1158 Mar 18 j 04:36	26°♒39'08	
	-1158 Mar 27 j 11:59	0°♓	
morning max el	-1158 Apr 01 j 12:32	4°♓10'46	26°18'02
	-1158 Apr 20 j 05:25	0°♈	
morning set	-1158 Apr 30 j 04:57	19°♈18'05	
asc. node	-1158 May 03 j 12:14	26°♈21'21	
	-1158 May 05 j 04:24	0°♉	
superior conj	-1158 May 07 j 06:12	4°♉32'47	0°38'41
minimum elong	-1158 May 07 j 04:35	4°♉23'54	0°38'22
max. Earth dist.	-1158 May 07 j 15:28	5°♉23'31	1.32520 AU
evening rise	-1158 May 14 j 07:11	19°♉42'02	
	-1158 May 19 j 10:25	0°♊	
	-1158 Jun 07 j 07:16	0°♋	
desc. node	-1158 Jun 12 j 23:03	6°♋20'06	
evening max el	-1158 Jun 13 j 17:42	7°♋05'26	26°52'23
retrograde	-1158 Jun 27 j 16:54	14°♋22'53	
evening set	-1158 Jul 04 j 13:33	12°♋18'46	
min. Earth dist.	-1158 Jul 08 j 07:19	9°♋38'59	0.60729 AU
inferior conj	-1158 Jul 11 j 14:03	6°♋52'54	-4°-29'-52

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1158 Jul	11 j 16:41	6°♋47'19	4°29'38
morning rise	-1158 Jul	18 j 22:54	2°♋06'12	
direct	-1158 Jul	21 j 09:49	1°♋42'33	
morning max el	-1158 Jul	28 j 14:32	5°♋14'29	18°05'56
asc. node	-1158 Jul	30 j 11:26	7°♋14'57	
morning set	-1158 Aug	13 j 11:49	0°♌21'22	
	-1158 Aug	13 j 07:14	0°♌	
superior conj	-1158 Aug	23 j 10:28	18°♌36'10	1°34'00
minimum elong	-1158 Aug	23 j 14:17	18°♌53'09	1°33'43
	-1158 Aug	30 j 00:02	0°♍	
max. Earth dist.	-1158 Aug	31 j 01:07	1°♍45'38	1.41602 AU
evening rise	-1158 Sep	05 j 15:54	10°♍58'47	
desc. node	-1158 Sep	08 j 22:24	16°♍10'42	
	-1158 Sep	18 j 00:00	0°♎	
greatest brilliancy	-1158 Oct	04 j 02:59	22°♎07'12	-0.3m
evening max el	-1158 Oct	08 j 22:52	27°♎32'08	22°35'49
	-1158 Oct	11 j 14:35	0°♏	
retrograde	-1158 Oct	18 j 17:22	3°♏20'38	
evening set	-1158 Oct	23 j 07:38	1°♏29'41	
	-1158 Oct	24 j 21:23	30°℞♎	
asc. node	-1158 Oct	26 j 10:35	28°♎10'19	
inferior conj	-1158 Oct	28 j 16:44	25°♎08'13	0°46'21
minimum elong	-1158 Oct	28 j 15:40	25°♎11'54	0°45'53
min. Earth dist.	-1158 Oct	28 j 13:50	25°♎18'16	0.67591 AU
morning rise	-1158 Nov	02 j 23:38	18°♎54'10	
direct	-1158 Nov	07 j 10:55	17°♎06'19	
morning max el	-1158 Nov	16 j 17:29	22°♎35'20	22°05'20
greatest brilliancy	-1158 Nov	21 j 11:01	27°♎55'46	-0.4m
	-1158 Nov	23 j 02:43	0°♏	
desc. node	-1158 Dec	05 j 21:39	17°♏49'50	
	-1158 Dec	13 j 22:19	0°♐	
morning set	-1158 Dec	19 j 12:08	8°♐48'43	
max. Earth dist.	-1158 Dec	25 j 10:17	18°♐31'56	1.41150 AU
	-1157 Jan	01 j 02:37	0°♑	
superior conj	-1157 Jan	02 j 03:59	1°♑52'03	-2°00'-2
minimum elong	-1157 Jan	02 j 03:49	1°♑51'19	2°00'03
evening rise	-1157 Jan	12 j 14:30	20°♑57'09	
	-1157 Jan	17 j 12:22	0°♒	
asc. node	-1157 Jan	22 j 09:54	8°♒23'48	
evening max el	-1157 Jan	28 j 21:12	16°♒55'21	18°14'52
retrograde	-1157 Feb	04 j 22:08	20°♒26'48	
evening set	-1157 Feb	07 j 11:04	20°♒00'11	
inferior conj	-1157 Feb	14 j 11:48	15°♒14'27	3°42'44
minimum elong	-1157 Feb	14 j 14:00	15°♒09'37	3°42'30
min. Earth dist.	-1157 Feb	17 j 20:22	12°♒18'34	0.59905 AU
morning rise	-1157 Feb	21 j 13:39	9°♒36'11	
direct	-1157 Feb	28 j 03:32	7°♒36'36	
desc. node	-1157 Mar	03 j 20:49	8°♒12'50	
morning max el	-1157 Mar	14 j 10:02	15°♒21'03	27°19'13
	-1157 Mar	26 j 07:45	0°♓	
	-1157 Apr	12 j 13:31	0°♈	
morning set	-1157 Apr	14 j 13:40	4°♈06'28	
asc. node	-1157 Apr	20 j 09:15	16°♈32'46	
max. Earth dist.	-1157 Apr	21 j 04:24	18°♈17'27	1.32406 AU
superior conj	-1157 Apr	21 j 17:52	19°♈31'16	0°14'20
minimum elong	-1157 Apr	21 j 17:13	19°♈27'44	0°14'13
behind sun begin	-1157 Apr	21 j 15:01	19°♈15'38	
behind sun end	-1157 Apr	21 j 19:26	19°♈39'49	
	-1157 Apr	26 j 13:08	0°♉	
evening rise	-1157 Apr	28 j 16:50	4°♉35'28	
	-1157 May	12 j 06:45	0°♊	
evening max el	-1157 May	26 j 15:19	18°♊35'32	25°50'52
desc. node	-1157 May	30 j 20:04	22°♊06'49	
retrograde	-1157 Jun	09 j 16:59	25°♊49'03	
evening set	-1157 Jun	15 j 16:54	24°♊22'26	
min. Earth dist.	-1157 Jun	20 j 03:47	21°♊41'55	0.58672 AU
inferior conj	-1157 Jun	23 j 11:13	19°♊16'29	-4°-36'-45
minimum elong	-1157 Jun	23 j 10:18	19°♊18'09	4°36'44
morning rise	-1157 Jul	01 j 07:30	14°♊52'22	
direct	-1157 Jul	03 j 19:10	14°♊32'08	
morning max el	-1157 Jul	11 j 21:39	18°♊22'32	18°37'42
asc. node	-1157 Jul	17 j 08:29	25°♊02'51	
	-1157 Jul	20 j 11:04	0°♋	
morning set	-1157 Jul	28 j 03:37	14°♋14'00	
	-1157 Aug	05 j 08:03	0°♌	
superior conj	-1157 Aug	06 j 00:31	1°♌17'26	1°45'47
minimum elong	-1157 Aug	06 j 02:01	1°♌24'27	1°45'44
max. Earth dist.	-1157 Aug	13 j 04:55	14°♌20'28	1.39647 AU
evening rise	-1157 Aug	17 j 09:44	21°♌34'09	
	-1157 Aug	22 j 12:36	0°♍	
desc. node	-1157 Aug	26 j 19:26	6°♍45'33	
	-1157 Sep	12 j 01:03	0°♎	
evening max el	-1157 Sep	21 j 11:55	11°♎02'49	23°56'13
retrograde	-1157 Oct	02 j 09:14	17°♎27'27	
evening set	-1157 Oct	07 j 13:36	15°♎18'04	
inferior conj	-1157 Oct	12 j 23:21	8°♎54'53	0°-7'-8
minimum elong	-1157 Oct	12 j 23:31	8°♎54'18	0°07'05
transit middle	-1157 Oct	12 j 23:31	8°♎54'18	0°07'05
transit begin	-1157 Oct	12 j 21:04	9°♎02'37	
transit end	-1157 Oct	13 j 01:58	8°♎45'59	
min. Earth dist.	-1157 Oct	12 j 10:12	9°♎39'34	0.67486 AU
asc. node	-1157 Oct	13 j 07:38	8°♎26'47	
morning rise	-1157 Oct	18 j 09:37	2°♎45'16	
direct	-1157 Oct	22 j 07:19	1°♎18'49	
morning max el	-1157 Oct	30 j 12:06	6°♎05'41	20°46'31
greatest brilliancy	-1157 Nov	05 j 10:07	13°♎04'01	-0.5m
	-1157 Nov	17 j 08:50	0°♏	
desc. node	-1157 Nov	22 j 18:43	8°♏09'03	
morning set	-1157 Nov	28 j 15:11	17°♏09'46	
	-1157 Dec	06 j 17:42	0°♐	
max. Earth dist.	-1157 Dec	07 j 15:13	1°♐26'59	1.42972 AU
superior conj	-1157 Dec	14 j 07:38	12°♐28'36	-1°-51'-57
minimum elong	-1157 Dec	14 j 03:02	12°♐09'18	1°51'45
	-1157 Dec	24 j 11:06	0°♑	
evening rise	-1157 Dec	26 j 07:47	3°♑17'57	
asc. node	-1156 Jan	09 j 06:54	26°♑26'27	
	-1156 Jan	12 j 07:43	0°♒	
evening max el	-1156 Jan	12 j 08:35	0°♒02'12	18°08'01
retrograde	-1156 Jan	18 j 22:36	3°♒27'55	
evening set	-1156 Jan	21 j 15:28	2°♒52'50	
	-1156 Jan	25 j 19:49	30°℞♑	
inferior conj	-1156 Jan	28 j 03:29	27°♑45'42	3°54'12
minimum elong	-1156 Jan	28 j 03:19	27°♑46'07	3°54'11
min. Earth dist.	-1156 Jan	31 j 01:55	24°♑49'31	0.61957 AU
morning rise	-1156 Feb	03 j 12:52	21°♑52'46	
direct	-1156 Feb	10 j 12:32	19°♑21'50	
desc. node	-1156 Feb	18 j 17:52	22°♑19'03	
morning max el	-1156 Feb	24 j 13:33	27°♑11'34	27°45'21
	-1156 Feb	27 j 05:51	0°♒	
	-1156 Mar	18 j 22:21	0°♓	
morning set	-1156 Mar	28 j 17:52	18°♓38'41	
	-1156 Apr	03 j 03:39	0°♈	
max. Earth dist.	-1156 Apr	03 j 14:48	1°♈00'04	1.32659 AU
superior conj	-1156 Apr	05 j 04:11	4°♈22'36	0°-11'-27
minimum elong	-1156 Apr	05 j 04:43	4°♈25'30	0°11'21
behind sun begin	-1156 Apr	05 j 01:07	4°♈05'55	
behind sun end	-1156 Apr	05 j 08:19	4°♈45'05	
asc. node	-1156 Apr	06 j 06:17	6°♈44'35	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening rise	-1156 Apr 12 j 04:23	19°♈31'33	
	-1156 Apr 17 j 07:59	0°♉	
evening max el	-1156 May 07 j 07:33	29°♉28'43	24°26'02
	-1156 May 07 j 20:49	0°♊	
desc. node	-1156 May 16 j 17:04	5°♊43'10	
retrograde	-1156 May 21 j 05:43	6°♊30'05	
evening set	-1156 May 25 j 21:58	5°♊41'02	
min. Earth dist.	-1156 May 31 j 19:10	2°♊43'34	0.56821 AU
inferior conj	-1156 Jun 03 j 12:33	0°♊59'16	-4°-9'-22
minimum elong	-1156 Jun 03 j 07:21	1°♊07'38	4°08'31
	-1156 Jun 05 j 02:04	30°℞♉	
morning rise	-1156 Jun 11 j 20:35	26°♉54'29	
direct	-1156 Jun 14 j 10:13	26°♉36'28	
	-1156 Jun 22 j 17:23	0°♊	
morning max el	-1156 Jun 23 j 20:17	0°♊58'56	19°30'12
asc. node	-1156 Jul 03 j 05:33	13°♊36'01	
morning set	-1156 Jul 11 j 04:02	28°♊33'53	
	-1156 Jul 11 j 21:14	0°♋	
superior conj	-1156 Jul 19 j 06:55	14°♋48'43	1°47'26
minimum elong	-1156 Jul 19 j 06:24	14°♋46'12	1°47'26
max. Earth dist.	-1156 Jul 25 j 07:43	26°♋20'44	1.37679 AU
	-1156 Jul 27 j 07:33	0°♌	
evening rise	-1156 Jul 29 j 04:29	3°♌21'37	
desc. node	-1156 Aug 12 j 16:26	27°♌07'55	
	-1156 Aug 14 j 14:31	0°♍	
evening max el	-1156 Sep 02 j 23:24	24°♍37'27	25°13'02
	-1156 Sep 09 j 18:51	0°♎	
retrograde	-1156 Sep 14 j 20:48	1°♎30'03	
	-1156 Sep 19 j 10:37	30°℞♍	
evening set	-1156 Sep 20 j 16:08	29°♍03'28	
min. Earth dist.	-1156 Sep 25 j 04:09	24°♍00'25	0.67066 AU
inferior conj	-1156 Sep 26 j 03:58	22°♍42'36	-1°-2'-12
minimum elong	-1156 Sep 26 j 05:30	22°♍37'35	1°01'34
asc. node	-1156 Sep 29 j 04:42	18°♍59'28	
morning rise	-1156 Oct 01 j 19:24	16°♍40'33	
direct	-1156 Oct 05 j 05:30	15°♍32'50	
morning max el	-1156 Oct 12 j 14:16	19°♍45'32	19°40'05
	-1156 Oct 20 j 17:30	0°♎	
greatest brilliancy	-1156 Oct 20 j 21:31	0°♎14'16	-0.6m
morning set	-1156 Nov 06 j 13:11	25°♎24'33	
desc. node	-1156 Nov 08 j 15:46	28°♎40'48	
	-1156 Nov 09 j 12:08	0°♏	
max. Earth dist.	-1156 Nov 19 j 03:46	15°♏09'23	1.44287 AU
superior conj	-1156 Nov 23 j 08:14	21°♏50'41	-1°-26'-22
minimum elong	-1156 Nov 23 j 00:21	21°♏19'01	1°25'38
	-1156 Nov 28 j 08:50	0°♐	
evening rise	-1156 Dec 07 j 05:49	14°♐46'14	
	-1156 Dec 16 j 07:58	0°♑	
evening max el	-1156 Dec 25 j 21:11	13°♑20'46	18°20'07
asc. node	-1156 Dec 26 j 03:57	13°♑37'38	
retrograde	-1155 Jan 01 j 09:34	16°♑53'10	
evening set	-1155 Jan 04 j 06:47	16°♑08'32	
inferior conj	-1155 Jan 10 j 09:07	10°♑41'14	3°44'50
minimum elong	-1155 Jan 10 j 07:15	10°♑46'29	3°44'36
min. Earth dist.	-1155 Jan 12 j 16:51	8°♑04'57	0.63792 AU
morning rise	-1155 Jan 16 j 06:12	4°♑38'36	
direct	-1155 Jan 23 j 05:16	1°♑50'33	
desc. node	-1155 Feb 04 j 14:56	8°♑25'17	
morning max el	-1155 Feb 05 j 21:24	9°♑38'49	27°34'53
	-1155 Feb 21 j 20:16	0°♒	
	-1155 Mar 11 j 05:22	0°♓	
morning set	-1155 Mar 12 j 15:00	2°♓45'17	
max. Earth dist.	-1155 Mar 17 j 18:48	13°♓17'42	1.33314 AU
superior conj	-1155 Mar 20 j 11:19	18°♓59'27	0°-37'-48
minimum elong	-1155 Mar 20 j 13:06	19°♓08'57	0°37'28
asc. node	-1155 Mar 24 j 03:18	26°♓51'48	
	-1155 Mar 25 j 14:25	0°♈	
evening rise	-1155 Mar 27 j 15:57	4°♈22'40	
	-1155 Apr 10 j 16:43	0°♉	
evening max el	-1155 Apr 18 j 23:06	10°♉05'24	22°51'10
retrograde	-1155 May 02 j 05:24	16°♉38'47	
desc. node	-1155 May 03 j 14:06	16°♉34'38	
evening set	-1155 May 05 j 12:49	16°♉14'50	
min. Earth dist.	-1155 May 13 j 08:15	12°♉48'26	0.55512 AU
inferior conj	-1155 May 14 j 18:50	11°♉58'41	-2°-58'-20
minimum elong	-1155 May 14 j 12:01	12°♉08'31	2°56'26
morning rise	-1155 May 23 j 13:57	8°♉04'09	
direct	-1155 May 26 j 07:19	7°♉46'42	
morning max el	-1155 Jun 06 j 08:13	12°♉54'30	20°43'17
	-1155 Jun 18 j 15:12	0°♊	
asc. node	-1155 Jun 20 j 02:38	2°♊42'52	
morning set	-1155 Jun 25 j 10:18	13°♊13'05	
superior conj	-1155 Jul 03 j 00:58	28°♊56'13	1°41'15
minimum elong	-1155 Jul 02 j 23:07	28°♊46'49	1°41'09
	-1155 Jul 03 j 13:28	0°♋	
max. Earth dist.	-1155 Jul 07 j 15:35	8°♋10'19	1.35905 AU
evening rise	-1155 Jul 11 j 20:01	16°♋10'28	
	-1155 Jul 19 j 14:52	0°♌	
desc. node	-1155 Jul 30 j 13:27	17°♌11'52	
	-1155 Aug 09 j 01:19	0°♍	
evening max el	-1155 Aug 16 j 10:58	8°♍13'01	26°18'29
retrograde	-1155 Aug 29 j 03:30	15°♍23'29	
evening set	-1155 Sep 04 j 13:15	12°♍43'34	
min. Earth dist.	-1155 Sep 08 j 17:15	8°♍18'10	0.66310 AU
inferior conj	-1155 Sep 10 j 04:46	6°♍28'49	-1°-57'-7
minimum elong	-1155 Sep 10 j 07:39	6°♍19'56	1°56'00
morning rise	-1155 Sep 16 j 03:01	0°♍37'37	
asc. node	-1155 Sep 16 j 01:48	0°♍39'22	
	-1155 Sep 17 j 13:09	30°℞♌	
direct	-1155 Sep 19 j 03:43	29°♌45'16	
	-1155 Sep 20 j 18:57	0°♍	
morning max el	-1155 Sep 25 j 23:14	3°♍33'22	18°48'39
	-1155 Oct 14 j 07:09	0°♎	
morning set	-1155 Oct 17 j 05:32	4°♎39'06	
desc. node	-1155 Oct 26 j 12:48	19°♎20'58	
max. Earth dist.	-1155 Nov 01 j 21:25	29°♎21'17	1.44927 AU
	-1155 Nov 02 j 07:15	0°♏	
superior conj	-1155 Nov 02 j 12:01	0°♏18'46	0°-44'-14
minimum elong	-1155 Nov 02 j 06:22	29°♎56'31	0°43'32
evening rise	-1155 Nov 18 j 04:47	25°♏15'59	
	-1155 Nov 21 j 03:19	0°♐	
evening max el	-1155 Dec 09 j 08:23	26°♐45'38	18°50'15
asc. node	-1155 Dec 13 j 01:01	29°♐43'27	
	-1155 Dec 13 j 14:17	0°♑	
retrograde	-1155 Dec 16 j 03:06	0°♑35'16	
	-1155 Dec 18 j 14:35	30°℞♐	
evening set	-1155 Dec 19 j 05:50	29°♐39'44	
inferior conj	-1155 Dec 25 j 01:02	23°♐54'44	3°20'45
minimum elong	-1155 Dec 24 j 22:18	24°♐03'08	3°20'09
min. Earth dist.	-1155 Dec 26 j 17:32	21°♐50'30	0.65276 AU
morning rise	-1155 Dec 30 j 13:46	17°♐45'16	
direct	-1154 Jan 06 j 04:38	14°♐55'03	
morning max el	-1154 Jan 19 j 07:09	22°♐33'23	26°51'59
desc. node	-1154 Jan 22 j 12:00	25°♐58'16	
	-1154 Jan 25 j 21:34	0°♑	
	-1154 Feb 15 j 02:06	0°♒	
morning set	-1154 Feb 24 j 01:48	16°♒16'30	
max. Earth dist.	-1154 Feb 28 j 12:51	25°♒02'05	1.34405 AU
	-1154 Mar 02 j 23:24	0°♓	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1154 Mar 04 j 13:14	3°♓15'43	-1°-3'-31
minimum elong	-1154 Mar 04 j 16:07	3°♓30'48	1°03'03
asc. node	-1154 Mar 11 j 00:21	16°♓50'30	
evening rise	-1154 Mar 12 j 01:46	19°♓02'58	
	-1154 Mar 17 j 13:14	0°♈	
evening max el	-1154 Mar 31 j 20:40	20°♈54'56	21°20'28
retrograde	-1154 Apr 12 j 19:52	26°♈42'49	
evening set	-1154 Apr 15 j 05:52	26°♈29'25	
desc. node	-1154 Apr 20 j 11:08	24°♈41'25	
inferior conj	-1154 Apr 24 j 13:57	22°♈29'30	-1°-9'-53
minimum elong	-1154 Apr 24 j 10:40	22°♈34'07	1°08'44
min. Earth dist.	-1154 Apr 24 j 21:19	22°♈19'08	0.55037 AU
morning rise	-1154 May 03 j 15:34	18°♈28'16	
direct	-1154 May 06 j 18:12	18°♈07'15	
morning max el	-1154 May 19 j 09:24	24°♈07'49	22°13'45
	-1154 May 24 j 16:11	0°♉	
asc. node	-1154 Jun 06 j 23:41	22°♉14'44	
morning set	-1154 Jun 09 j 20:15	28°♉05'03	
	-1154 Jun 10 j 18:15	0°♊	
superior conj	-1154 Jun 17 j 03:02	13°♊28'58	1°29'02
minimum elong	-1154 Jun 17 j 00:34	13°♊15'59	1°28'46
max. Earth dist.	-1154 Jun 20 j 08:18	20°♊11'18	1.34465 AU
evening rise	-1154 Jun 25 j 03:18	29°♊46'48	
	-1154 Jun 25 j 06:01	0°♋	
	-1154 Jul 12 j 16:53	0°♌	
desc. node	-1154 Jul 17 j 10:28	6°♌48'57	
evening max el	-1154 Jul 29 j 22:39	21°♌40'59	27°04'47
retrograde	-1154 Aug 12 j 04:58	29°♌00'18	
evening set	-1154 Aug 19 j 02:31	26°♌14'28	
min. Earth dist.	-1154 Aug 22 j 23:08	22°♌27'04	0.65190 AU
inferior conj	-1154 Aug 24 j 23:35	20°♌09'24	-2°-49'-48
minimum elong	-1154 Aug 25 j 03:34	19°♌58'02	2°48'28
morning rise	-1154 Aug 31 j 06:06	14°♌32'15	
direct	-1154 Sep 02 j 23:47	13°♌51'45	
asc. node	-1154 Sep 02 j 22:54	13°♌51'46	
morning max el	-1154 Sep 09 j 12:50	17°♌24'26	18°13'37
	-1154 Sep 18 j 18:06	0°♍	
morning set	-1154 Sep 28 j 01:58	15°♍16'25	
	-1154 Oct 07 j 02:13	0°♎	
superior conj	-1154 Oct 12 j 14:22	8°♎48'35	0°05'18
minimum elong	-1154 Oct 12 j 15:01	8°♎51'14	0°05'13
behind sun begin	-1154 Oct 12 j 04:33	8°♎09'36	
behind sun end	-1154 Oct 13 j 01:30	9°♎32'48	
desc. node	-1154 Oct 13 j 09:49	10°♎05'47	
max. Earth dist.	-1154 Oct 15 j 16:08	13°♎40'28	1.44831 AU
	-1154 Oct 26 j 02:19	0°♏	
evening rise	-1154 Oct 29 j 04:12	4°♏47'42	
greatest brilliancy	-1154 Nov 14 j 10:07	29°♏37'26	-0.7m
	-1154 Nov 14 j 16:22	0°♐	
evening max el	-1154 Nov 22 j 15:52	10°♐12'23	19°37'02
retrograde	-1154 Nov 29 j 23:56	14°♐28'11	
asc. node	-1154 Nov 29 j 22:05	14°♐28'09	
evening set	-1154 Dec 03 j 09:53	13°♐19'54	
inferior conj	-1154 Dec 09 j 00:06	7°♐20'19	2°46'07
minimum elong	-1154 Dec 08 j 21:13	7°♐29'44	2°45'15
min. Earth dist.	-1154 Dec 10 j 02:40	5°♐53'24	0.66379 AU
morning rise	-1154 Dec 14 j 07:50	1°♐06'26	
	-1154 Dec 15 j 17:26	30°℞♏	
direct	-1154 Dec 20 j 09:56	28°♏25'53	
	-1154 Dec 25 j 14:55	0°♐	
morning max el	-1153 Jan 01 j 16:28	5°♐42'05	25°44'26
desc. node	-1153 Jan 09 j 09:03	14°♐32'04	
	-1153 Jan 20 j 11:39	0°♑	
morning set	-1153 Feb 06 j 21:51	28°♑59'06	
	-1153 Feb 07 j 11:07	0°♒	
max. Earth dist.	-1153 Feb 10 j 19:00	6°♒14'41	1.35939 AU
superior conj	-1153 Feb 16 j 07:17	17°♒03'34	-1°-27'-5
minimum elong	-1153 Feb 16 j 10:53	17°♒21'37	1°26'38
	-1153 Feb 22 j 15:30	0°♓	
evening rise	-1153 Feb 24 j 07:47	3°♓25'49	
asc. node	-1153 Feb 25 j 21:24	6°♓35'59	
	-1153 Mar 12 j 00:27	0°♈	
evening max el	-1153 Mar 14 j 04:47	2°♈18'06	20°03'53
retrograde	-1153 Mar 24 j 11:32	7°♈13'12	
evening set	-1153 Mar 26 j 15:17	7°♈01'09	
inferior conj	-1153 Apr 04 j 12:00	3°♈01'31	0°47'49
minimum elong	-1153 Apr 04 j 14:05	2°♈58'22	0°47'07
min. Earth dist.	-1153 Apr 06 j 11:31	1°♈49'56	0.55513 AU
desc. node	-1153 Apr 07 j 08:10	1°♈19'40	
	-1153 Apr 09 j 19:28	30°℞♓	
morning rise	-1153 Apr 13 j 10:04	28°♓35'05	
direct	-1153 Apr 17 j 08:37	28°♓00'59	
	-1153 Apr 24 j 15:48	0°♈	
morning max el	-1153 May 01 j 02:45	4°♈49'33	23°53'39
	-1153 May 18 j 18:43	0°♉	
asc. node	-1153 May 24 j 20:44	12°♉04'55	
morning set	-1153 May 25 j 08:02	13°♉04'07	
superior conj	-1153 Jun 01 j 10:24	28°♉18'28	1°12'11
minimum elong	-1153 Jun 01 j 07:55	28°♉05'01	1°11'49
	-1153 Jun 02 j 05:18	0°♊	
max. Earth dist.	-1153 Jun 03 j 10:16	2°♊34'54	1.33411 AU
evening rise	-1153 Jun 08 j 21:59	13°♊58'17	
	-1153 Jun 17 j 09:22	0°♋	
desc. node	-1153 Jul 04 j 07:29	25°♋47'46	
	-1153 Jul 07 j 18:58	0°♌	
evening max el	-1153 Jul 12 j 09:20	4°♌50'43	27°24'58
retrograde	-1153 Jul 26 j 00:49	12°♌11'56	
evening set	-1153 Aug 02 j 04:53	9°♌31'35	
min. Earth dist.	-1153 Aug 05 j 20:00	6°♌18'30	0.63699 AU
inferior conj	-1153 Aug 08 j 09:52	3°♌39'20	-3°-37'-18
minimum elong	-1153 Aug 08 j 14:21	3°♌27'46	3°36'09
	-1153 Aug 12 j 07:30	30°℞♋	
morning rise	-1153 Aug 15 j 01:54	28°♋19'24	
direct	-1153 Aug 17 j 15:01	27°♋47'28	
asc. node	-1153 Aug 20 j 19:57	28°♋38'32	
	-1153 Aug 22 j 20:10	0°♌	
morning max el	-1153 Aug 24 j 04:21	1°♌13'09	17°55'59
morning set	-1153 Sep 10 j 00:27	27°♌08'51	
	-1153 Sep 11 j 16:00	0°♍	
superior conj	-1153 Sep 22 j 11:57	18°♍18'00	0°49'40
minimum elong	-1153 Sep 22 j 16:45	18°♍37'43	0°49'04
max. Earth dist.	-1153 Sep 28 j 08:43	27°♍48'42	1.44027 AU
	-1153 Sep 29 j 17:39	0°♎	
desc. node	-1153 Sep 30 j 06:52	0°♎52'28	
evening rise	-1153 Oct 08 j 11:59	13°♎42'55	
	-1153 Oct 19 j 05:21	0°♏	
greatest brilliancy	-1153 Oct 30 j 19:14	16°♏32'43	-0.5m
evening max el	-1153 Nov 05 j 18:06	23°♏39'54	20°38'18
retrograde	-1153 Nov 13 j 21:29	28°♏28'34	
asc. node	-1153 Nov 16 j 19:08	27°♏40'24	
evening set	-1153 Nov 17 j 16:46	27°♏05'24	
inferior conj	-1153 Nov 23 j 03:48	20°♏54'39	2°03'48
minimum elong	-1153 Nov 23 j 01:19	21°♏03'05	2°02'53
min. Earth dist.	-1153 Nov 23 j 18:03	20°♏06'07	0.67118 AU
morning rise	-1153 Nov 28 j 09:22	14°♏38'42	
direct	-1153 Dec 03 j 20:36	12°♏15'52	
morning max el	-1153 Dec 15 j 00:53	18°♏56'03	24°21'51
	-1153 Dec 24 j 09:49	0°♐	
desc. node	-1153 Dec 27 j 06:05	3°♐49'01	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1152 Jan 13 j 14:40	0°♉	
morning set	-1152 Jan 19 j 21:19	10°♉36'25	
max. Earth dist.	-1152 Jan 23 j 15:48	17°♉17'39	1.37857 AU
	-1152 Jan 30 j 11:17	0°♒	
superior conj	-1152 Jan 30 j 14:07	0°♒13'35	-1°-46'-17
minimum elong	-1152 Jan 30 j 17:31	0°♒29'55	1°46'01
evening rise	-1152 Feb 08 j 07:37	17°♒24'06	
asc. node	-1152 Feb 12 j 18:26	26°♒02'20	
	-1152 Feb 14 j 22:07	0°♓	
evening max el	-1152 Feb 24 j 23:47	14°♓18'59	19°05'50
retrograde	-1152 Mar 04 j 15:57	18°♓28'54	
evening set	-1152 Mar 06 j 22:20	18°♓13'04	
inferior conj	-1152 Mar 15 j 01:23	14°♓00'10	2°23'33
minimum elong	-1152 Mar 15 j 05:55	13°♓52'19	2°22'18
min. Earth dist.	-1152 Mar 18 j 03:08	11°♓53'39	0.56840 AU
morning rise	-1152 Mar 23 j 09:24	9°♓01'37	
desc. node	-1152 Mar 24 j 05:13	8°♓43'42	
direct	-1152 Mar 28 j 11:41	8°♓00'36	
morning max el	-1152 Apr 11 j 17:30	15°♓21'16	25°30'06
	-1152 Apr 23 j 11:11	0°♈	
morning set	-1152 May 08 j 19:57	28°♈03'30	
	-1152 May 09 j 17:59	0°♉	
asc. node	-1152 May 10 j 17:45	2°♉06'58	
superior conj	-1152 May 15 j 20:50	13°♉16'12	0°51'45
minimum elong	-1152 May 15 j 18:47	13°♉04'59	0°51'22
max. Earth dist.	-1152 May 16 j 19:17	15°♉18'38	1.32740 AU
evening rise	-1152 May 23 j 00:30	28°♉32'53	
	-1152 May 23 j 17:30	0°♊	
	-1152 Jun 09 j 15:12	0°♋	
desc. node	-1152 Jun 20 j 04:30	13°♋51'14	
evening max el	-1152 Jun 23 j 16:47	17°♋28'57	27°13'54
retrograde	-1152 Jul 07 j 14:00	24°♋47'53	
evening set	-1152 Jul 14 j 16:21	22°♋26'55	
min. Earth dist.	-1152 Jul 18 j 06:46	19°♋38'52	0.61879 AU
inferior conj	-1152 Jul 21 j 08:31	16°♋50'34	-4°-15'-9
minimum elong	-1152 Jul 21 j 12:19	16°♋41'51	4°14'33
morning rise	-1152 Jul 28 j 11:00	11°♋50'44	
direct	-1152 Jul 30 j 22:02	11°♋24'39	
asc. node	-1152 Aug 06 j 16:59	14°♋47'14	
morning max el	-1152 Aug 06 j 18:51	14°♋51'48	17°56'43
	-1152 Aug 17 j 05:34	0°♌	
morning set	-1152 Aug 22 j 19:03	9°♌58'55	
superior conj	-1152 Sep 02 j 12:52	29°♌08'00	1°21'43
minimum elong	-1152 Sep 02 j 17:44	29°♌29'01	1°21'14
	-1152 Sep 03 j 00:55	0°♍	
max. Earth dist.	-1152 Sep 09 j 21:01	11°♍30'02	1.42619 AU
desc. node	-1152 Sep 16 j 03:53	21°♍37'23	
evening rise	-1152 Sep 16 j 21:16	22°♍45'54	
	-1152 Sep 21 j 13:06	0°♎	
	-1152 Oct 12 j 11:20	0°♏	
greatest brilliancy	-1152 Oct 13 j 19:05	1°♏39'42	-0.4m
evening max el	-1152 Oct 18 j 14:32	7°♏08'08	21°50'52
retrograde	-1152 Oct 27 j 17:51	12°♏34'02	
evening set	-1152 Nov 01 j 00:38	10°♏53'46	
asc. node	-1152 Nov 02 j 16:10	9°♏21'29	
inferior conj	-1152 Nov 06 j 10:03	4°♏35'23	1°15'52
minimum elong	-1152 Nov 06 j 08:22	4°♏41'09	1°15'10
min. Earth dist.	-1152 Nov 06 j 13:14	4°♏24'23	0.67513 AU
	-1152 Nov 09 j 23:18	30°℞♎	
morning rise	-1152 Nov 11 j 15:51	28°♎19'58	
direct	-1152 Nov 16 j 11:47	26°♎18'52	
	-1152 Nov 24 j 01:36	0°♏	
morning max el	-1152 Nov 26 j 10:39	2°♏13'56	22°54'24
greatest brilliancy	-1152 Dec 01 j 04:50	7°♏33'43	-0.3m
desc. node	-1152 Dec 13 j 03:09	23°♏36'58	
	-1152 Dec 17 j 11:20	0°♐	
morning set	-1152 Dec 30 j 18:03	20°♐53'12	
max. Earth dist.	-1151 Jan 04 j 11:14	28°♐49'55	1.39968 AU
	-1151 Jan 05 j 03:31	0°♉	
superior conj	-1151 Jan 12 j 05:21	12°♉34'45	-1°-58'-6
minimum elong	-1151 Jan 12 j 07:03	12°♉42'31	1°58'04
	-1151 Jan 21 j 11:45	0°♒	
evening rise	-1151 Jan 21 j 22:29	0°♒51'10	
asc. node	-1151 Jan 29 j 15:28	15°♒03'13	
evening max el	-1151 Feb 07 j 03:30	26°♒52'21	18°27'42
	-1151 Feb 11 j 17:42	0°♓	
retrograde	-1151 Feb 14 j 15:12	0°♓32'58	
evening set	-1151 Feb 17 j 01:59	0°♓10'35	
	-1151 Feb 17 j 14:52	30°℞♒	
inferior conj	-1151 Feb 24 j 11:30	25°♒37'16	3°23'36
minimum elong	-1151 Feb 24 j 15:02	25°♒30'08	3°23'00
min. Earth dist.	-1151 Feb 27 j 21:43	22°♒52'53	0.58722 AU
morning rise	-1151 Mar 04 j 00:22	20°♒11'23	
direct	-1151 Mar 10 j 03:56	18°♒33'36	
desc. node	-1151 Mar 11 j 02:14	18°♒35'49	
morning max el	-1151 Mar 24 j 11:25	26°♒11'08	26°47'55
	-1151 Mar 28 j 01:44	0°♓	
	-1151 Apr 16 j 18:04	0°♈	
morning set	-1151 Apr 23 j 06:21	12°♈57'40	
asc. node	-1151 Apr 27 j 14:47	22°♈16'14	
superior conj	-1151 Apr 30 j 08:31	28°♈16'01	0°28'36
minimum elong	-1151 Apr 30 j 07:17	28°♈09'13	0°28'21
max. Earth dist.	-1151 Apr 30 j 07:59	28°♈13'02	1.32432 AU
	-1151 May 01 j 03:29	0°♉	
evening rise	-1151 May 07 j 08:14	13°♉21'50	
	-1151 May 15 j 20:00	0°♊	
evening max el	-1151 Jun 05 j 18:31	29°♊25'11	26°29'47
	-1151 Jun 06 j 09:22	0°♋	
desc. node	-1151 Jun 07 j 01:30	0°♋36'25	
retrograde	-1151 Jun 19 j 18:59	6°♋40'30	
evening set	-1151 Jun 26 j 08:26	4°♋51'49	
min. Earth dist.	-1151 Jun 30 j 07:45	2°♋13'48	0.59854 AU
	-1151 Jul 03 j 03:12	30°℞♊	
inferior conj	-1151 Jul 03 j 16:01	29°♊34'13	-4°-36'-14
minimum elong	-1151 Jul 03 j 17:22	29°♊31'31	4°36'10
morning rise	-1151 Jul 11 j 05:38	24°♊56'49	
direct	-1151 Jul 13 j 16:48	24°♊34'39	
morning max el	-1151 Jul 21 j 05:27	28°♊12'56	18°16'53
	-1151 Jul 22 j 22:08	0°♋	
asc. node	-1151 Jul 24 j 14:01	2°♋02'54	
morning set	-1151 Aug 06 j 04:22	23°♋31'58	
	-1151 Aug 09 j 14:14	0°♌	
superior conj	-1151 Aug 15 j 14:55	11°♌12'44	1°40'24
minimum elong	-1151 Aug 15 j 17:46	11°♌25'41	1°40'14
max. Earth dist.	-1151 Aug 23 j 04:04	24°♌32'06	1.40793 AU
	-1151 Aug 26 j 09:55	0°♍	
evening rise	-1151 Aug 28 j 00:48	2°♍40'25	
desc. node	-1151 Sep 03 j 00:54	12°♍16'52	
	-1151 Sep 14 j 21:48	0°♎	
greatest brilliancy	-1151 Sep 25 j 12:21	14°♎10'22	-0.2m
evening max el	-1151 Oct 01 j 05:48	20°♎37'26	23°10'03
retrograde	-1151 Oct 11 j 11:34	26°♎41'15	
evening set	-1151 Oct 16 j 07:47	24°♎42'25	
asc. node	-1151 Oct 20 j 13:12	19°♎55'01	
inferior conj	-1151 Oct 21 j 17:00	18°♎20'00	0°23'57
minimum elong	-1151 Oct 21 j 16:26	18°♎21'57	0°23'42
min. Earth dist.	-1151 Oct 21 j 09:45	18°♎44'57	0.67587 AU
morning rise	-1151 Oct 27 j 01:07	12°♎07'42	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

direct	-1151 Oct 31 j 06:30	10°♎29'06	
morning max el	-1151 Nov 09 j 01:17	15°♎38'47	21°30'36
greatest brilliancy	-1151 Nov 14 j 03:18	21°♎28'12	-0.4m
	-1151 Nov 20 j 12:45	0°♏	
desc. node	-1151 Nov 30 j 00:11	13°♏46'32	
morning set	-1151 Dec 10 j 09:55	29°♏47'42	
	-1151 Dec 10 j 13:02	0°♐	
max. Earth dist.	-1151 Dec 17 j 12:28	11°♐16'08	1.41980 AU
superior conj	-1151 Dec 24 j 23:31	23°♐52'43	-1°-58'-34
minimum elong	-1151 Dec 24 j 21:35	23°♐44'22	1°58'33
	-1151 Dec 28 j 11:21	0°♑	
evening rise	-1150 Jan 05 j 00:49	13°♑38'32	
	-1150 Jan 14 j 06:51	0°♒	
asc. node	-1150 Jan 16 j 12:30	3°♒29'48	
evening max el	-1150 Jan 21 j 12:53	9°♒48'43	18°09'29
retrograde	-1150 Jan 28 j 07:50	13°♒16'05	
evening set	-1150 Jan 30 j 22:30	12°♒45'53	
inferior conj	-1150 Feb 06 j 17:23	7°♒50'35	3°50'34
minimum elong	-1150 Feb 06 j 18:32	7°♒47'54	3°50'31
min. Earth dist.	-1150 Feb 09 j 22:22	4°♒52'03	0.60798 AU
morning rise	-1150 Feb 13 j 11:47	2°♒05'22	
	-1150 Feb 18 j 13:29	30°℞♑	
direct	-1150 Feb 20 j 07:07	29°♑51'25	
	-1150 Feb 22 j 01:29	0°♒	
desc. node	-1150 Feb 25 j 23:18	1°♒15'52	
morning max el	-1150 Mar 06 j 11:36	7°♒37'58	27°34'53
	-1150 Mar 23 j 11:42	0°♓	
morning set	-1150 Apr 07 j 13:25	27°♓39'42	
	-1150 Apr 08 j 16:27	0°♈	
max. Earth dist.	-1150 Apr 13 j 20:31	11°♈04'21	1.32474 AU
asc. node	-1150 Apr 14 j 11:50	12°♈27'59	
superior conj	-1150 Apr 14 j 19:49	13°♈11'35	0°03'32
minimum elong	-1150 Apr 14 j 19:39	13°♈10'42	0°03'30
behind sun begin	-1150 Apr 14 j 14:42	12°♈43'41	
behind sun end	-1150 Apr 15 j 00:35	13°♈37'44	
evening rise	-1150 Apr 21 j 18:56	28°♈16'55	
	-1150 Apr 22 j 14:34	0°♉	
	-1150 May 09 j 14:36	0°♊	
evening max el	-1150 May 18 j 13:28	10°♊37'13	25°16'51
desc. node	-1150 May 24 j 22:30	15°♊32'08	
retrograde	-1150 Jun 01 j 14:15	17°♊46'41	
evening set	-1150 Jun 07 j 01:58	16°♊36'38	
min. Earth dist.	-1150 Jun 12 j 01:16	13°♊50'54	0.57842 AU
inferior conj	-1150 Jun 15 j 04:56	11°♊40'46	-4°-30'-4
minimum elong	-1150 Jun 15 j 02:08	11°♊45'37	4°29'49
morning rise	-1150 Jun 23 j 06:13	7°♊25'46	
direct	-1150 Jun 25 j 18:49	7°♊06'29	
morning max el	-1150 Jul 04 j 09:16	11°♊08'19	18°57'33
asc. node	-1150 Jul 11 j 11:05	20°♊11'16	
	-1150 Jul 17 j 01:34	0°♋	
morning set	-1150 Jul 21 j 00:14	7°♋37'18	
superior conj	-1150 Jul 29 j 12:37	24°♋17'19	1°47'35
minimum elong	-1150 Jul 29 j 13:11	24°♋20'04	1°47'35
	-1150 Aug 01 j 13:10	0°♌	
max. Earth dist.	-1150 Aug 05 j 07:10	6°♌51'42	1.38793 AU
evening rise	-1150 Aug 09 j 05:30	13°♌46'43	
	-1150 Aug 19 j 02:44	0°♍	
desc. node	-1150 Aug 20 j 21:54	2°♍47'02	
	-1150 Sep 09 j 20:41	0°♎	
evening max el	-1150 Sep 13 j 17:51	4°♎09'35	24°29'45
retrograde	-1150 Sep 25 j 01:42	10°♎47'15	
evening set	-1150 Sep 30 j 12:32	8°♎29'56	
min. Earth dist.	-1150 Oct 05 j 05:17	3°♎06'31	0.67347 AU
inferior conj	-1150 Oct 05 j 22:59	2°♎07'16	0°-30'-24
minimum elong	-1150 Oct 05 j 23:43	2°♎04'47	0°30'05
asc. node	-1150 Oct 07 j 10:15	0°♎11'08	
	-1150 Oct 07 j 13:45	30°℞♍	
morning rise	-1150 Oct 11 j 11:16	26°♍00'47	
direct	-1150 Oct 15 j 03:44	24°♍42'50	
morning max el	-1150 Oct 22 j 23:15	29°♍13'52	20°16'39
	-1150 Oct 23 j 16:58	0°♎	
greatest brilliancy	-1150 Oct 29 j 16:45	7°♎21'43	-0.6m
	-1150 Nov 14 j 03:31	0°♏	
desc. node	-1150 Nov 16 j 21:15	4°♏11'42	
morning set	-1150 Nov 19 j 07:48	7°♏57'28	
max. Earth dist.	-1150 Nov 29 j 21:15	24°♏34'39	1.43606 AU
	-1150 Dec 03 j 05:47	0°♐	
superior conj	-1150 Dec 05 j 15:39	3°♐56'52	-1°-43'-21
minimum elong	-1150 Dec 05 j 09:15	3°♐30'29	1°42'55
evening rise	-1150 Dec 18 j 10:32	25°♐38'21	
	-1150 Dec 20 j 22:45	0°♑	
asc. node	-1149 Jan 03 j 09:32	21°♑12'04	
evening max el	-1149 Jan 05 j 01:04	23°♑00'54	18°10'46
retrograde	-1149 Jan 11 j 13:28	26°♑28'25	
evening set	-1149 Jan 14 j 07:59	25°♑49'29	
inferior conj	-1149 Jan 20 j 15:32	20°♑33'20	3°52'20
minimum elong	-1149 Jan 20 j 14:33	20°♑35'57	3°52'16
min. Earth dist.	-1149 Jan 23 j 07:54	17°♑43'36	0.62775 AU
morning rise	-1149 Jan 26 j 19:09	14°♑35'28	
direct	-1149 Feb 02 j 19:28	11°♑55'32	
desc. node	-1149 Feb 12 j 20:23	16°♑17'28	
morning max el	-1149 Feb 16 j 17:33	19°♑45'56	27°45'12
	-1149 Feb 25 j 12:18	0°♒	
	-1149 Mar 16 j 09:31	0°♓	
morning set	-1149 Mar 22 j 15:00	12°♓02'10	
max. Earth dist.	-1149 Mar 28 j 04:47	23°♓38'02	1.32888 AU
superior conj	-1149 Mar 30 j 05:01	27°♓57'11	0°-22'-38
minimum elong	-1149 Mar 30 j 06:05	28°♓02'56	0°22'25
	-1149 Mar 31 j 03:43	0°♈	
asc. node	-1149 Apr 01 j 08:53	2°♈38'06	
evening rise	-1149 Apr 06 j 06:44	13°♈11'19	
	-1149 Apr 14 j 20:00	0°♉	
evening max el	-1149 Apr 30 j 04:22	21°♉18'49	23°45'54
desc. node	-1149 May 11 j 19:32	28°♉01'28	
retrograde	-1149 May 13 j 21:48	28°♉11'28	
evening set	-1149 May 17 j 23:25	27°♉34'53	
min. Earth dist.	-1149 May 24 j 15:16	24°♉26'27	0.56171 AU
inferior conj	-1149 May 26 j 21:40	23°♉03'57	-3°-44'-42
minimum elong	-1149 May 26 j 15:12	23°♉13'49	3°43'19
morning rise	-1149 Jun 04 j 10:42	19°♉05'30	
direct	-1149 Jun 07 j 01:22	18°♉48'11	
morning max el	-1149 Jun 17 j 03:38	23°♉28'19	19°59'01
	-1149 Jun 22 j 17:34	0°♊	
asc. node	-1149 Jun 28 j 08:10	8°♊59'37	
morning set	-1149 Jul 05 j 03:26	22°♊05'54	
	-1149 Jul 09 j 00:32	0°♋	
superior conj	-1149 Jul 13 j 00:31	8°♋05'36	1°45'39
minimum elong	-1149 Jul 12 j 23:21	7°♋59'47	1°45'38
max. Earth dist.	-1149 Jul 18 j 11:05	18°♋42'34	1.36880 AU
evening rise	-1149 Jul 22 j 09:42	26°♋01'38	
	-1149 Jul 24 j 14:56	0°♌	
desc. node	-1149 Aug 07 j 18:54	23°♌02'14	
	-1149 Aug 12 j 14:39	0°♍	
evening max el	-1149 Aug 27 j 05:00	17°♍44'10	25°42'44
retrograde	-1149 Sep 08 j 11:26	24°♍46'33	
evening set	-1149 Sep 14 j 13:02	22°♍13'24	
min. Earth dist.	-1149 Sep 18 j 21:29	17°♍26'12	0.66782 AU
inferior conj	-1149 Sep 20 j 02:13	15°♍54'25	-1°-25'-38

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1149 Sep 20 j 04:20	15°♍47'38	1°24'46
asc. node	-1149 Sep 24 j 07:21	11°♍06'58	
morning rise	-1149 Sep 25 j 20:22	9°♍56'38	
direct	-1149 Sep 29 j 02:03	8°♍56'06	
morning max el	-1149 Oct 06 j 04:34	12°♍57'32	19°16'17
greatest brilliancy	-1149 Oct 16 j 17:54	26°♍54'11	-0.7m
	-1149 Oct 18 j 19:12	0°♎	
morning set	-1149 Oct 29 j 11:14	16°♎30'53	
desc. node	-1149 Nov 03 j 18:18	24°♎47'10	
	-1149 Nov 07 j 02:12	0°♏	
max. Earth dist.	-1149 Nov 12 j 11:45	8°♏29'27	1.44641 AU
superior conj	-1149 Nov 15 j 05:48	12°♏50'55	-1°-10'-10
minimum elong	-1149 Nov 14 j 22:04	12°♏20'13	1°09'20
	-1149 Nov 25 j 21:20	0°♐	
evening rise	-1149 Nov 29 j 23:06	6°♐41'55	
	-1149 Dec 14 j 11:17	0°♑	
evening max el	-1149 Dec 19 j 13:20	6°♑22'33	18°30'49
asc. node	-1149 Dec 21 j 06:35	7°♑57'15	
retrograde	-1149 Dec 26 j 03:41	10°♑01'21	
evening set	-1149 Dec 29 j 02:57	9°♑12'27	
inferior conj	-1148 Jan 04 j 01:59	3°♑37'30	3°36'09
minimum elong	-1148 Jan 03 j 23:40	3°♑44'20	3°35'46
min. Earth dist.	-1148 Jan 06 j 03:17	1°♑13'26	0.64466 AU
	-1148 Jan 07 j 05:38	30°℞♐	
morning rise	-1148 Jan 09 j 19:03	27°♐31'26	
direct	-1148 Jan 16 j 15:22	24°♐40'27	
	-1148 Jan 27 j 11:54	0°♑	
morning max el	-1148 Jan 30 j 02:36	2°♑26'44	27°20'10
desc. node	-1148 Jan 30 j 17:29	3°♑04'20	
	-1148 Feb 19 j 18:17	0°♒	
morning set	-1148 Mar 05 j 08:17	25°♒55'59	
	-1148 Mar 07 j 09:35	0°♓	
max. Earth dist.	-1148 Mar 10 j 04:50	5°♓42'00	1.33718 AU
superior conj	-1148 Mar 13 j 10:16	12°♓26'50	0°-48'-52
minimum elong	-1148 Mar 13 j 12:33	12°♓38'54	0°48'27
asc. node	-1148 Mar 18 j 05:56	22°♓42'35	
evening rise	-1148 Mar 20 j 17:49	27°♓59'01	
	-1148 Mar 21 j 17:04	0°♈	
	-1148 Apr 08 j 23:41	0°♉	
evening max el	-1148 Apr 10 j 21:50	1°♉58'37	22°11'25
retrograde	-1148 Apr 23 j 17:04	8°♉14'36	
evening set	-1148 Apr 26 j 13:07	7°♉56'51	
desc. node	-1148 Apr 27 j 16:34	7°♉40'09	
min. Earth dist.	-1148 May 05 j 04:39	4°♉13'47	0.55192 AU
inferior conj	-1148 May 05 j 21:56	3°♉49'24	-2°-15'-45
minimum elong	-1148 May 05 j 16:02	3°♉57'43	2°13'53
	-1148 May 14 j 10:01	30°℞♈	
morning rise	-1148 May 14 j 20:39	29°♈54'02	
direct	-1148 May 17 j 16:42	29°♈35'53	
	-1148 May 20 j 21:14	0°♉	
morning max el	-1148 May 29 j 11:00	5°♉06'34	21°19'55
asc. node	-1148 Jun 14 j 05:15	28°♉18'14	
	-1148 Jun 15 j 02:07	0°♊	
morning set	-1148 Jun 18 j 11:31	6°♊51'16	
superior conj	-1148 Jun 25 j 22:23	22°♊25'15	1°36'42
minimum elong	-1148 Jun 25 j 20:12	22°♊13'55	1°36'33
	-1148 Jun 29 j 15:28	0°♋	
max. Earth dist.	-1148 Jun 29 j 22:09	0°♋33'30	1.35248 AU
evening rise	-1148 Jul 04 j 08:35	9°♋12'49	
	-1148 Jul 16 j 04:21	0°♌	
desc. node	-1148 Jul 24 j 15:54	12°♌55'38	
	-1148 Aug 07 j 09:28	0°♍	
evening max el	-1148 Aug 08 j 16:43	1°♍17'39	26°40'59
retrograde	-1148 Aug 21 j 16:06	8°♍33'16	
evening set	-1148 Aug 28 j 07:07	5°♍49'54	
min. Earth dist.	-1148 Sep 01 j 07:54	1°♍40'30	0.65876 AU
	-1148 Sep 02 j 17:36	30°℞♌	
inferior conj	-1148 Sep 03 j 00:44	29°♌38'37	-2°-19'-54
minimum elong	-1148 Sep 03 j 04:09	29°♌28'26	2°18'39
morning rise	-1148 Sep 09 j 02:19	23°♌52'43	
asc. node	-1148 Sep 10 j 04:26	23°♌24'08	
direct	-1148 Sep 11 j 23:41	23°♌05'52	
morning max el	-1148 Sep 18 j 15:43	26°♌46'42	18°31'35
	-1148 Sep 21 j 11:12	0°♍	
morning set	-1148 Oct 08 j 15:08	26°♍19'25	
	-1148 Oct 10 j 21:59	0°♎	
desc. node	-1148 Oct 20 j 15:17	15°♎29'13	
superior conj	-1148 Oct 24 j 06:03	21°♎11'19	0°-23'-20
minimum elong	-1148 Oct 24 j 02:57	20°♎59'09	0°22'58
max. Earth dist.	-1148 Oct 25 j 05:46	22°♎44'39	1.44975 AU
	-1148 Oct 29 j 20:33	0°♏	
evening rise	-1148 Nov 09 j 11:35	16°♏44'52	
	-1148 Nov 17 j 20:46	0°♐	
evening max el	-1148 Dec 01 j 23:13	19°♐48'31	19°08'21
asc. node	-1148 Dec 07 j 03:39	23°♐30'05	
retrograde	-1148 Dec 08 j 22:48	23°♐48'03	
evening set	-1148 Dec 12 j 04:23	22°♐47'23	
inferior conj	-1148 Dec 17 j 21:15	16°♐56'06	3°07'10
minimum elong	-1148 Dec 17 j 18:22	17°♐05'12	3°06'26
min. Earth dist.	-1148 Dec 19 j 07:43	15°♐07'12	0.65792 AU
morning rise	-1148 Dec 23 j 07:29	10°♐44'38	
direct	-1148 Dec 29 j 17:29	7°♐56'59	
morning max el	-1147 Jan 11 j 12:04	15°♐27'30	26°25'43
desc. node	-1147 Jan 16 j 14:32	21°♐05'25	
	-1147 Jan 23 j 12:20	0°♑	
	-1147 Feb 11 j 13:18	0°♒	
morning set	-1147 Feb 16 j 13:23	9°♒08'09	
max. Earth dist.	-1147 Feb 20 j 17:34	17°♒10'22	1.35002 AU
superior conj	-1147 Feb 25 j 09:12	26°♒32'13	-1°-13'-54
minimum elong	-1147 Feb 25 j 12:28	26°♒48'59	1°13'24
	-1147 Feb 27 j 01:29	0°♓	
evening rise	-1147 Mar 05 j 02:15	12°♓32'33	
asc. node	-1147 Mar 05 j 02:58	12°♓36'14	
	-1147 Mar 14 j 05:52	0°♈	
evening max el	-1147 Mar 23 j 23:46	13°♈01'34	20°45'52
retrograde	-1147 Apr 04 j 05:58	18°♈26'13	
evening set	-1147 Apr 06 j 11:51	18°♈14'11	
desc. node	-1147 Apr 14 j 13:38	14°♈55'00	
inferior conj	-1147 Apr 15 j 16:28	14°♈16'49	0°-19'-4
minimum elong	-1147 Apr 15 j 15:34	14°♈18'06	0°18'45
min. Earth dist.	-1147 Apr 16 j 18:08	13°♈40'06	0.55131 AU
morning rise	-1147 Apr 24 j 17:59	10°♈06'40	
direct	-1147 Apr 28 j 04:05	9°♈41'20	
morning max el	-1147 May 11 j 08:09	16°♈03'44	22°55'35
	-1147 May 22 j 07:02	0°♉	
asc. node	-1147 Jun 01 j 02:17	17°♉58'24	
morning set	-1147 Jun 02 j 22:27	21°♉46'39	
	-1147 Jun 06 j 19:25	0°♊	
superior conj	-1147 Jun 10 j 02:59	7°♊05'37	1°22'23
minimum elong	-1147 Jun 10 j 00:26	6°♊52'04	1°22'04
max. Earth dist.	-1147 Jun 12 j 19:06	12°♊44'06	1.33978 AU
evening rise	-1147 Jun 17 j 21:13	23°♊05'31	
	-1147 Jun 21 j 11:16	0°♋	
	-1147 Jul 09 j 20:27	0°♌	
desc. node	-1147 Jul 11 j 12:55	2°♌17'47	
evening max el	-1147 Jul 22 j 04:27	14°♌40'02	27°16'58
retrograde	-1147 Aug 04 j 15:04	22°♌00'00	
evening set	-1147 Aug 11 j 16:08	19°♌15'19	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

min. Earth dist.	-1147 Aug 15 j 10:15	15°♌42'58	0.64602 AU
inferior conj	-1147 Aug 17 j 16:16	13°♌15'26	-3°-10'-48
minimum elong	-1147 Aug 17 j 20:34	13°♌03'39	3°09'31
morning rise	-1147 Aug 24 j 02:40	7°♌44'56	
direct	-1147 Aug 26 j 18:10	7°♌08'19	
asc. node	-1147 Aug 28 j 01:30	7°♌17'17	
morning max el	-1147 Sep 02 j 06:23	10°♌36'56	18°03'53
	-1147 Sep 15 j 12:15	0°♍	
morning set	-1147 Sep 19 j 23:20	7°♍30'55	
superior conj	-1147 Oct 03 j 14:34	0°♎00'39	0°25'21
minimum elong	-1147 Oct 03 j 17:31	0°♎12'30	0°24'58
	-1147 Oct 03 j 14:24	0°♎	
desc. node	-1147 Oct 07 j 12:17	6°♎14'59	
max. Earth dist.	-1147 Oct 08 j 00:21	7°♎02'48	1.44574 AU
evening rise	-1147 Oct 20 j 02:46	25°♎57'09	
	-1147 Oct 22 j 17:46	0°♏	
greatest brilliancy	-1147 Nov 08 j 02:55	24°♏28'38	-0.6m
	-1147 Nov 12 j 07:37	0°♐	
evening max el	-1147 Nov 15 j 04:42	3°♐16'03	20°01'34
retrograde	-1147 Nov 22 j 20:07	7°♐44'38	
asc. node	-1147 Nov 24 j 00:42	7°♐36'30	
evening set	-1147 Nov 26 j 09:52	6°♐30'08	
inferior conj	-1147 Dec 01 j 22:31	0°♐25'26	2°28'58
minimum elong	-1147 Dec 01 j 19:45	0°♐34'40	2°28'03
	-1147 Dec 02 j 06:09	30°℞♏	
min. Earth dist.	-1147 Dec 02 j 19:37	29°♏15'06	0.66738 AU
morning rise	-1147 Dec 07 j 05:03	24°♏10'41	
direct	-1147 Dec 13 j 01:03	21°♏37'02	
morning max el	-1147 Dec 24 j 20:47	28°♏38'37	25°10'37
	-1147 Dec 26 j 04:13	0°♐	
desc. node	-1146 Jan 03 j 11:34	9°♐59'11	
	-1146 Jan 17 j 07:14	0°♑	
morning set	-1146 Jan 30 j 01:23	21°♑24'31	
max. Earth dist.	-1146 Feb 02 j 19:15	28°♑15'36	1.36721 AU
	-1146 Feb 03 j 17:32	0°♒	
superior conj	-1146 Feb 08 j 22:55	10°♒05'08	-1°-35'-55
minimum elong	-1146 Feb 09 j 02:34	10°♒23'10	1°35'31
evening rise	-1146 Feb 17 j 05:56	26°♒45'47	
	-1146 Feb 18 j 20:46	0°♓	
asc. node	-1146 Feb 19 j 23:59	2°♓14'14	
evening max el	-1146 Mar 06 j 12:35	24°♓40'29	19°36'44
retrograde	-1146 Mar 16 j 01:49	29°♓14'43	
evening set	-1146 Mar 18 j 06:19	29°♓01'23	
inferior conj	-1146 Mar 26 j 19:47	24°♓57'00	1°32'26
minimum elong	-1146 Mar 26 j 23:24	24°♓51'14	1°31'15
min. Earth dist.	-1146 Mar 29 j 08:25	23°♓21'02	0.55997 AU
desc. node	-1146 Apr 01 j 10:41	21°♓35'19	
morning rise	-1146 Apr 04 j 13:00	20°♓17'21	
direct	-1146 Apr 08 j 23:00	19°♓33'38	
morning max el	-1146 Apr 22 j 23:29	26°♓36'57	24°35'58
	-1146 Apr 26 j 05:17	0°♈	
	-1146 May 15 j 03:21	0°♉	
morning set	-1146 May 18 j 10:29	6°♉46'23	
asc. node	-1146 May 18 j 23:18	7°♉54'00	
superior conj	-1146 May 25 j 11:52	21°♉58'58	1°03'54
minimum elong	-1146 May 25 j 09:30	21°♉46'10	1°03'30
max. Earth dist.	-1146 May 27 j 00:38	25°♉17'48	1.33088 AU
	-1146 May 29 j 05:26	0°♊	
evening rise	-1146 Jun 01 j 19:35	7°♊27'36	
	-1146 Jun 13 j 23:07	0°♋	
desc. node	-1146 Jun 28 j 09:56	20°♋55'08	
evening max el	-1146 Jul 04 j 14:04	27°♋37'33	27°24'13
	-1146 Jul 07 j 06:18	0°♌	
retrograde	-1146 Jul 18 j 07:54	4°♌57'24	
evening set	-1146 Jul 25 j 12:38	2°♌23'30	
	-1146 Jul 28 j 10:41	30°℞♋	
min. Earth dist.	-1146 Jul 29 j 02:40	29°♋22'47	0.62965 AU
inferior conj	-1146 Jul 31 j 21:59	26°♋38'02	-3°-54'-55
minimum elong	-1146 Aug 01 j 02:22	26°♋27'17	3°53'58
morning rise	-1146 Aug 07 j 18:22	21°♋26'23	
direct	-1146 Aug 10 j 06:26	20°♋57'07	
asc. node	-1146 Aug 14 j 22:32	22°♋40'27	
morning max el	-1146 Aug 16 j 21:49	24°♋21'56	17°54'02
	-1146 Aug 21 j 11:28	0°♌	
morning set	-1146 Sep 02 j 07:06	19°♌49'47	
	-1146 Sep 08 j 02:07	0°♍	
superior conj	-1146 Sep 13 j 23:34	10°♍03'38	1°04'57
minimum elong	-1146 Sep 14 j 04:48	10°♍25'34	1°04'21
max. Earth dist.	-1146 Sep 20 j 15:52	21°♍03'14	1.43492 AU
desc. node	-1146 Sep 24 j 09:18	27°♍01'00	
	-1146 Sep 26 j 06:40	0°♎	
evening rise	-1146 Sep 29 j 08:50	4°♎49'25	
	-1146 Oct 16 j 04:24	0°♏	
greatest brilliancy	-1146 Oct 23 j 20:08	10°♏28'37	-0.5m
evening max el	-1146 Oct 29 j 04:24	16°♏43'11	21°08'00
retrograde	-1146 Nov 06 j 17:23	21°♏47'23	
evening set	-1146 Nov 10 j 17:23	20°♏16'57	
asc. node	-1146 Nov 10 j 21:44	20°♏08'29	
inferior conj	-1146 Nov 16 j 03:31	14°♏02'18	1°44'01
minimum elong	-1146 Nov 16 j 01:20	14°♏09'47	1°43'11
min. Earth dist.	-1146 Nov 16 j 12:50	13°♏30'15	0.67325 AU
morning rise	-1146 Nov 21 j 08:56	7°♏46'22	
direct	-1146 Nov 26 j 13:30	5°♏32'49	
morning max el	-1146 Dec 07 j 05:31	11°♏54'16	23°44'46
desc. node	-1146 Dec 21 j 08:35	29°♏30'04	
	-1146 Dec 21 j 17:06	0°♐	
	-1145 Jan 10 j 02:59	0°♑	
morning set	-1145 Jan 11 j 14:06	2°♑28'30	
max. Earth dist.	-1145 Jan 15 j 14:46	9°♑27'35	1.38748 AU
superior conj	-1145 Jan 22 j 23:38	22°♑55'02	-1°-52'-24
minimum elong	-1145 Jan 23 j 02:32	23°♑08'42	1°52'15
	-1145 Jan 26 j 16:39	0°♒	
evening rise	-1145 Feb 01 j 02:18	10°♒31'20	
asc. node	-1145 Feb 06 j 21:02	21°♒30'30	
	-1145 Feb 11 j 22:29	0°♓	
evening max el	-1145 Feb 17 j 11:29	6°♓55'11	18°47'08
retrograde	-1145 Feb 25 j 14:21	10°♓51'09	
evening set	-1145 Feb 27 j 22:27	10°♓32'50	
inferior conj	-1145 Mar 07 j 17:46	6°♓11'29	2°53'29
minimum elong	-1145 Mar 07 j 22:10	6°♓03'19	2°52'27
min. Earth dist.	-1145 Mar 11 j 01:00	3°♓46'16	0.57588 AU
morning rise	-1145 Mar 15 j 17:49	1°♓00'03	
	-1145 Mar 18 j 19:03	30°℞♒	
desc. node	-1145 Mar 19 j 07:43	29°♒54'08	
direct	-1145 Mar 21 j 07:23	29°♒44'23	
	-1145 Mar 23 j 20:10	0°♓	
morning max el	-1145 Apr 04 j 15:13	7°♓13'54	26°06'27
	-1145 Apr 21 j 12:27	0°♈	
morning set	-1145 May 02 j 21:59	21°♈44'54	
asc. node	-1145 May 05 j 20:20	28°♈00'01	
	-1145 May 06 j 18:28	0°♉	
superior conj	-1145 May 09 j 23:04	6°♉58'45	0°42'14
minimum elong	-1145 May 09 j 21:19	6°♉49'12	0°41'53
max. Earth dist.	-1145 May 10 j 11:44	8°♉08'08	1.32562 AU
evening rise	-1145 May 17 j 00:37	22°♉09'32	
	-1145 May 20 j 21:45	0°♊	
	-1145 Jun 08 j 02:26	0°♋	
desc. node	-1145 Jun 15 j 06:57	8°♋29'07	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening max el	-1145 Jun	16 j 19:09	9♋58'39	26°58'59
retrograde	-1145 Jun	30 j 17:58	17°♋16'46	
evening set	-1145 Jul	07 j 16:30	15°♋07'47	
min. Earth dist.	-1145 Jul	11 j 08:58	12°♋26'26	0.61033 AU
inferior conj	-1145 Jul	14 j 14:40	9°♋39'02	-4°-26'-43
minimum elong	-1145 Jul	14 j 17:40	9°♋32'31	4°26'22
morning rise	-1145 Jul	21 j 21:52	4°♋48'57	
direct	-1145 Jul	24 j 08:42	4°♋24'46	
morning max el	-1145 Jul	31 j 11:09	7°♋55'09	18°02'54
asc. node	-1145 Aug	01 j 19:34	9°♋20'01	
	-1145 Aug	14 j 17:38	0°♌	
morning set	-1145 Aug	16 j 08:35	2°♌59'58	
superior conj	-1145 Aug	26 j 11:54	21°♌28'00	1°31'12
minimum elong	-1145 Aug	26 j 16:02	21°♌46'14	1°30'50
	-1145 Aug	31 j 09:59	0°♍	
max. Earth dist.	-1145 Sep	03 j 01:45	4°♍28'33	1.41878 AU
evening rise	-1145 Sep	09 j 00:20	14°♍10'09	
desc. node	-1145 Sep	11 j 06:20	17°♍44'12	
	-1145 Sep	19 j 06:09	0°♎	
greatest brilliancy	-1145 Oct	07 j 04:14	24°♎50'28	-0.3m
	-1145 Oct	11 j 17:57	0°♏	
evening max el	-1145 Oct	11 j 22:19	0°♏11'08	22°23'59
retrograde	-1145 Oct	21 j 12:56	5°♏53'59	
evening set	-1145 Oct	26 j 01:10	4°♏05'55	
asc. node	-1145 Oct	28 j 18:47	1°♏16'25	
	-1145 Oct	29 j 18:43	30°℞♎	
inferior conj	-1145 Oct	31 j 10:18	27°♎45'03	0°54'12
minimum elong	-1145 Oct	31 j 09:04	27°♎49'19	0°53'41
min. Earth dist.	-1145 Oct	31 j 08:58	27°♎49'40	0.67582 AU
morning rise	-1145 Nov	05 j 16:50	21°♎30'27	
direct	-1145 Nov	10 j 06:19	19°♎39'10	
morning max el	-1145 Nov	19 j 17:04	25°♎15'03	22°17'47
	-1145 Nov	23 j 23:09	0°♏	
greatest brilliancy	-1145 Nov	24 j 09:12	0°♏30'28	-0.3m
desc. node	-1145 Dec	08 j 05:39	19°♏27'53	
	-1145 Dec	15 j 05:38	0°♐	
morning set	-1145 Dec	22 j 22:16	12°♐08'43	
max. Earth dist.	-1145 Dec	28 j 11:42	21°♐19'33	1.40850 AU
	-1144 Jan	02 j 12:54	0°♑	
superior conj	-1144 Jan	05 j 06:33	4°♑50'20	-1°-59'-56
minimum elong	-1144 Jan	05 j 06:56	4°♑52'03	1°59'59
evening rise	-1144 Jan	15 j 12:18	23°♑42'09	
	-1144 Jan	18 j 21:25	0°♒	
asc. node	-1144 Jan	24 j 18:04	10°♒17'49	
evening max el	-1144 Jan	31 j 17:57	19°♒39'06	18°17'35
retrograde	-1144 Feb	07 j 21:20	23°♒12'21	
evening set	-1144 Feb	10 j 09:42	22°♒46'54	
inferior conj	-1144 Feb	17 j 12:37	18°♒04'34	3°38'39
minimum elong	-1144 Feb	17 j 15:11	17°♒59'02	3°38'20
min. Earth dist.	-1144 Feb	20 j 22:04	15°♒10'43	0.59592 AU
morning rise	-1144 Feb	24 j 17:14	12°♒29'12	
direct	-1144 Mar	02 j 04:51	10°♒34'59	
desc. node	-1144 Mar	05 j 04:47	10°♒58'27	
morning max el	-1144 Mar	16 j 11:43	18°♒18'11	27°12'15
	-1144 Mar	26 j 07:17	0°♓	
	-1144 Apr	13 j 01:34	0°♈	
morning set	-1144 Apr	16 j 07:13	6°♈34'49	
asc. node	-1144 Apr	21 j 17:22	18°♈10'59	
superior conj	-1144 Apr	23 j 10:47	21°♈57'43	0°18'10
minimum elong	-1144 Apr	23 j 09:59	21°♈53'17	0°17'59
max. Earth dist.	-1144 Apr	23 j 00:38	21°♈02'03	1.32396 AU
	-1144 Apr	27 j 02:59	0°♉	
evening rise	-1144 Apr	30 j 09:50	7°♉01'53	
	-1144 May	12 j 12:03	0°♊	

evening max el	-1144 May	28 j 17:53	21°♊35'38	26°01'53
desc. node	-1144 Jun	01 j 03:59	24°♊32'25	
retrograde	-1144 Jun	11 j 19:30	28°♊49'51	
evening set	-1144 Jun	17 j 23:16	27°♊17'28	
min. Earth dist.	-1144 Jun	22 j 06:38	24°♊38'04	0.58975 AU
inferior conj	-1144 Jun	25 j 14:39	22°♊08'17	-4°-37'-42
minimum elong	-1144 Jun	25 j 14:23	22°♊08'48	4°37'42
morning rise	-1144 Jul	03 j 09:12	17°♊40'42	
direct	-1144 Jul	05 j 20:39	17°♊20'01	
morning max el	-1144 Jul	13 j 19:17	21°♊07'00	18°31'35
asc. node	-1144 Jul	18 j 16:38	26°♊59'56	
	-1144 Jul	20 j 16:07	0°♋	
morning set	-1144 Jul	29 j 22:51	16°♋47'54	
	-1144 Aug	05 j 19:51	0°♌	
superior conj	-1144 Aug	07 j 23:02	4°♌00'14	1°44'42
minimum elong	-1144 Aug	08 j 00:53	4°♌08'50	1°44'37
max. Earth dist.	-1144 Aug	15 j 06:10	17°♌09'47	1.39951 AU
evening rise	-1144 Aug	19 j 14:23	24°♌34'45	
	-1144 Aug	22 j 21:17	0°♍	
desc. node	-1144 Aug	28 j 03:21	8°♍20'20	
	-1144 Sep	12 j 01:35	0°♎	
evening max el	-1144 Sep	23 j 11:58	13°♎41'42	23°44'21
retrograde	-1144 Oct	04 j 05:19	20°♎01'06	
evening set	-1144 Oct	09 j 07:32	17°♎54'32	
min. Earth dist.	-1144 Oct	14 j 05:31	12°♎11'00	0.67522 AU
inferior conj	-1144 Oct	14 j 17:06	11°♎31'30	0°01'06
minimum elong	-1144 Oct	14 j 17:04	11°♎31'36	0°01'05
transit middle	-1144 Oct	14 j 17:04	11°♎31'36	0°01'05
transit begin	-1144 Oct	14 j 14:22	11°♎40'50	
transit end	-1144 Oct	14 j 19:47	11°♎22'22	
asc. node	-1144 Oct	14 j 15:50	11°♎35'51	
morning rise	-1144 Oct	20 j 02:45	5°♎21'02	
direct	-1144 Oct	24 j 02:23	3°♎51'26	
morning max el	-1144 Nov	01 j 10:35	8°♎43'56	20°57'33
greatest brilliancy	-1144 Nov	07 j 02:41	15°♎21'38	-0.5m
	-1144 Nov	17 j 14:06	0°♏	
desc. node	-1144 Nov	24 j 02:42	9°♏44'57	
morning set	-1144 Dec	01 j 04:11	20°♏37'08	
	-1144 Dec	07 j 02:23	0°♐	
max. Earth dist.	-1144 Dec	09 j 15:41	4°♐07'45	1.42731 AU
superior conj	-1144 Dec	16 j 14:12	15°♐38'34	-1°-54'-16
minimum elong	-1144 Dec	16 j 10:18	15°♐22'04	1°54'07
	-1144 Dec	24 j 20:54	0°♑	
evening rise	-1144 Dec	28 j 08:07	6°♑10'30	
asc. node	-1143 Jan	10 j 15:07	28°♑27'27	
	-1143 Jan	11 j 19:11	0°♒	
evening max el	-1143 Jan	14 j 05:00	2°♒44'00	18°07'47
retrograde	-1143 Jan	20 j 19:55	6°♒09'35	
evening set	-1143 Jan	23 j 12:14	5°♒35'44	
inferior conj	-1143 Jan	30 j 01:56	0°♒31'38	3°53'55
minimum elong	-1143 Jan	30 j 02:06	0°♒31'14	3°53'54
	-1143 Jan	30 j 14:42	30°℞♑	
min. Earth dist.	-1143 Feb	02 j 02:16	27°♑34'11	0.61666 AU
morning rise	-1143 Feb	05 j 13:33	24°♑40'37	
direct	-1143 Feb	12 j 12:30	22°♑13'38	
desc. node	-1143 Feb	20 j 01:51	24°♑43'30	
morning max el	-1143 Feb	26 j 14:21	0°♒02'26	27°43'47
	-1143 Feb	26 j 13:22	0°♒	
	-1143 Mar	20 j 06:42	0°♓	
morning set	-1143 Mar	31 j 12:14	21°♓09'28	
	-1143 Apr	04 j 17:32	0°♈	
max. Earth dist.	-1143 Apr	06 j 11:42	3°♈46'56	1.32600 AU
superior conj	-1143 Apr	07 j 21:26	6°♈50'04	0°-7'-29
minimum elong	-1143 Apr	07 j 21:46	6°♈51'58	0°07'25

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

behind sun begin	-1143 Apr 07 j 17:14	6°♈27'16	
behind sun end	-1143 Apr 08 j 02:19	7°♈16'41	
asc. node	-1143 Apr 08 j 14:27	8°♈22'48	
evening rise	-1143 Apr 14 j 21:14	21°♈57'43	
	-1143 Apr 18 j 19:07	0°♉	
	-1143 May 07 j 23:20	0°♊	
evening max el	-1143 May 10 j 10:44	2°♊32'47	24°39'39
desc. node	-1143 May 19 j 01:00	8°♊30'25	
retrograde	-1143 May 24 j 09:50	9°♊36'26	
evening set	-1143 May 29 j 07:20	8°♊42'19	
min. Earth dist.	-1143 Jun 03 j 22:25	5°♊48'20	0.57070 AU
inferior conj	-1143 Jun 06 j 18:59	3°♊56'56	-4°-16'-13
minimum elong	-1143 Jun 06 j 14:21	4°♊04'32	4°15'34
	-1143 Jun 14 j 09:28	30°℞♉	
morning rise	-1143 Jun 15 j 01:14	29°♉49'40	
direct	-1143 Jun 17 j 14:38	29°♉31'18	
	-1143 Jun 20 j 17:07	0°♊	
morning max el	-1143 Jun 26 j 19:16	3°♊47'59	19°21'05
asc. node	-1143 Jul 05 j 13:42	15°♊26'38	
	-1143 Jul 13 j 09:17	0°♋	
morning set	-1143 Jul 13 j 22:11	1°♋04'08	
superior conj	-1143 Jul 22 j 03:19	17°♋24'46	1°47'44
minimum elong	-1143 Jul 22 j 03:04	17°♋23'34	1°47'45
max. Earth dist.	-1143 Jul 28 j 09:03	29°♋15'02	1.37963 AU
	-1143 Jul 28 j 18:51	0°♌	
evening rise	-1143 Aug 01 j 05:36	6°♌11'40	
desc. node	-1143 Aug 15 j 00:22	28°♌44'57	
	-1143 Aug 15 j 20:14	0°♍	
evening max el	-1143 Sep 05 j 23:36	27°♍15'58	25°02'09
	-1143 Sep 08 j 23:50	0°♎	
retrograde	-1143 Sep 17 j 17:33	4°♎04'44	
evening set	-1143 Sep 23 j 10:42	1°♎40'29	
	-1143 Sep 25 j 03:50	30°℞♍	
min. Earth dist.	-1143 Sep 27 j 23:57	26°♍32'08	0.67151 AU
inferior conj	-1143 Sep 28 j 22:09	25°♍19'07	0°-53'-48
minimum elong	-1143 Sep 28 j 23:28	25°♍14'45	0°53'15
asc. node	-1143 Oct 01 j 12:54	22°♍02'20	
morning rise	-1143 Oct 04 j 12:43	19°♍15'53	
direct	-1143 Oct 08 j 00:26	18°♍05'34	
morning max el	-1143 Oct 15 j 11:41	22°♍22'31	19°49'04
	-1143 Oct 21 j 18:27	0°♎	
greatest brilliancy	-1143 Oct 23 j 07:18	2°♎07'15	-0.6m
morning set	-1143 Nov 10 j 01:18	28°♎48'07	
desc. node	-1143 Nov 10 j 23:43	0°♏14'57	
	-1143 Nov 10 j 19:52	0°♏	
max. Earth dist.	-1143 Nov 22 j 03:33	17°♏45'17	1.44133 AU
superior conj	-1143 Nov 26 j 18:43	25°♏11'05	-1°-31'-26
minimum elong	-1143 Nov 26 j 11:03	24°♏40'07	1°30'44
	-1143 Nov 29 j 17:45	0°♐	
evening rise	-1143 Dec 10 j 09:18	17°♐47'11	
	-1143 Dec 17 j 14:18	0°♑	
evening max el	-1143 Dec 28 j 17:35	16°♑01'08	18°17'05
asc. node	-1143 Dec 28 j 12:12	15°♑47'17	
retrograde	-1142 Jan 04 j 05:40	19°♑31'53	
evening set	-1142 Jan 07 j 02:11	18°♑48'43	
inferior conj	-1142 Jan 13 j 05:46	13°♑24'08	3°47'17
minimum elong	-1142 Jan 13 j 04:06	13°♑28'44	3°47'06
min. Earth dist.	-1142 Jan 15 j 15:43	10°♑44'02	0.63542 AU
morning rise	-1142 Jan 19 j 04:25	7°♑22'37	
direct	-1142 Jan 26 j 04:03	4°♑36'21	
desc. node	-1142 Feb 06 j 22:55	10°♑34'01	
morning max el	-1142 Feb 08 j 21:50	12°♑25'09	27°38'37
	-1142 Feb 22 j 23:32	0°♒	
	-1142 Mar 12 j 17:08	0°♓	
morning set	-1142 Mar 15 j 10:36	5°♓20'25	

max. Earth dist.	-1142 Mar 20 j 17:01	16°♓09'24	1.33194 AU
superior conj	-1142 Mar 23 j 05:10	21°♓29'19	0°-33'-50
minimum elong	-1142 Mar 23 j 06:45	21°♓37'51	0°33'30
asc. node	-1142 Mar 26 j 11:30	28°♓30'59	
	-1142 Mar 27 j 04:03	0°♈	
evening rise	-1142 Mar 30 j 08:56	6°♈49'56	
	-1142 Apr 11 j 18:07	0°♉	
evening max el	-1142 Apr 22 j 01:51	13°♉09'30	23°05'14
retrograde	-1142 May 05 j 11:26	19°♉48'30	
desc. node	-1142 May 05 j 22:02	19°♉48'04	
evening set	-1142 May 08 j 23:21	19°♉21'44	
min. Earth dist.	-1142 May 16 j 11:31	16°♉00'27	0.55656 AU
inferior conj	-1142 May 18 j 03:44	15°♉01'58	-3°-11'-55
minimum elong	-1142 May 17 j 20:50	15°♉12'02	3°10'06
morning rise	-1142 May 26 j 21:22	11°♉07'05	
direct	-1142 May 29 j 13:58	10°♉49'44	
morning max el	-1142 Jun 09 j 08:52	15°♉49'53	20°31'20
	-1142 Jun 19 j 22:32	0°♊	
asc. node	-1142 Jun 22 j 10:46	4°♊28'58	
morning set	-1142 Jun 28 j 03:45	15°♊41'01	
	-1142 Jul 05 j 02:38	0°♋	
superior conj	-1142 Jul 05 j 19:54	1°♋27'54	1°42'36
minimum elong	-1142 Jul 05 j 18:13	1°♋19'21	1°42'32
max. Earth dist.	-1142 Jul 10 j 15:51	11°♋04'47	1.36143 AU
evening rise	-1142 Jul 14 j 18:22	18°♋52'15	
	-1142 Jul 21 j 00:13	0°♌	
desc. node	-1142 Aug 01 j 21:21	18°♌52'22	
	-1142 Aug 09 j 23:05	0°♍	
evening max el	-1142 Aug 19 j 10:59	10°♍51'38	26°09'45
retrograde	-1142 Sep 01 j 01:00	18°♍00'20	
evening set	-1142 Sep 07 j 08:45	15°♍21'51	
min. Earth dist.	-1142 Sep 11 j 13:52	10°♍50'54	0.66445 AU
inferior conj	-1142 Sep 12 j 23:37	9°♍05'56	-1°-48'-51
minimum elong	-1142 Sep 13 j 02:19	8°♍57'34	1°47'48
asc. node	-1142 Sep 18 j 09:58	3°♍29'56	
morning rise	-1142 Sep 18 j 20:46	3°♍13'01	
direct	-1142 Sep 21 j 22:41	2°♍18'41	
morning max el	-1142 Sep 28 j 19:48	6°♍09'52	18°55'19
	-1142 Oct 15 j 14:23	0°♎	
morning set	-1142 Oct 20 j 13:54	7°♎51'13	
desc. node	-1142 Oct 28 j 20:45	20°♎54'07	
	-1142 Nov 03 j 15:39	0°♏	
max. Earth dist.	-1142 Nov 04 j 20:33	1°♏53'43	1.44880 AU
superior conj	-1142 Nov 06 j 00:38	3°♏44'19	0°-51'-22
minimum elong	-1142 Nov 05 j 18:14	3°♏19'07	0°50'37
evening rise	-1142 Nov 21 j 11:52	28°♏25'53	
	-1142 Nov 22 j 11:07	0°♐	
evening max el	-1142 Dec 12 j 05:04	29°♐24'58	18°44'37
	-1142 Dec 12 j 19:09	0°♑	
asc. node	-1142 Dec 15 j 09:14	2°♑03'42	
retrograde	-1142 Dec 18 j 22:29	3°♑11'38	
evening set	-1142 Dec 22 j 00:14	2°♑17'53	
	-1142 Dec 24 j 20:27	30°℞♐	
inferior conj	-1142 Dec 27 j 20:21	26°♐35'18	3°25'09
minimum elong	-1142 Dec 27 j 17:42	26°♐43'22	3°24'36
min. Earth dist.	-1142 Dec 29 j 15:04	24°♐25'45	0.65080 AU
morning rise	-1141 Jan 02 j 10:05	20°♐26'33	
direct	-1141 Jan 09 j 02:28	17°♐35'46	
morning max el	-1141 Jan 22 j 07:33	25°♐16'43	27°00'07
desc. node	-1141 Jan 24 j 19:59	27°♐55'41	
	-1141 Jan 26 j 15:46	0°♑	
	-1141 Feb 16 j 10:40	0°♒	
morning set	-1141 Feb 26 j 23:12	18°♒57'56	
max. Earth dist.	-1141 Mar 03 j 12:44	27°♒59'08	1.34213 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1141 Mar 04 j 12:29	0°♓	
superior conj	-1141 Mar 07 j 07:59	5°♓49'10	0°-59'-45
minimum elong	-1141 Mar 07 j 10:44	6°♓03'32	0°59'16
asc. node	-1141 Mar 13 j 08:33	18°♓31'24	
evening rise	-1141 Mar 14 j 19:08	21°♓32'19	
	-1141 Mar 18 j 23:21	0°♈	
evening max el	-1141 Apr 03 j 22:06	23°♈55'33	21°33'14
retrograde	-1141 Apr 16 j 03:00	29°♈51'19	
evening set	-1141 Apr 18 j 15:00	29°♈37'09	
desc. node	-1141 Apr 22 j 19:05	28°♈17'19	
inferior conj	-1141 Apr 27 j 23:44	25°♈35'41	-1°-27'-46
minimum elong	-1141 Apr 27 j 19:39	25°♈41'25	1°26'21
min. Earth dist.	-1141 Apr 28 j 00:38	25°♈34'25	0.55043 AU
morning rise	-1141 May 07 j 00:52	21°♈36'38	
direct	-1141 May 10 j 01:22	21°♈16'40	
morning max el	-1141 May 22 j 11:37	27°♈09'38	21°59'30
	-1141 May 25 j 05:53	0°♉	
asc. node	-1141 Jun 09 j 07:49	23°♉57'31	
	-1141 Jun 12 j 07:11	0°♊	
morning set	-1141 Jun 12 j 13:14	0°♊31'21	
superior conj	-1141 Jun 19 j 20:57	15°♊57'33	1°31'13
minimum elong	-1141 Jun 19 j 18:32	15°♊44'54	1°30'59
max. Earth dist.	-1141 Jun 23 j 06:52	23°♊01'58	1.34649 AU
	-1141 Jun 26 j 18:20	0°♋	
evening rise	-1141 Jun 27 j 23:34	2°♋22'22	
	-1141 Jul 13 j 22:04	0°♌	
desc. node	-1141 Jul 19 j 18:22	8°♌34'11	
evening max el	-1141 Aug 01 j 22:36	24°♌21'04	26°59'25
	-1141 Aug 09 j 07:10	0°♍	
retrograde	-1141 Aug 15 j 03:22	1°♍40'02	
	-1141 Aug 20 j 11:16	30°℞♌	
evening set	-1141 Aug 21 j 23:21	28°♌54'27	
min. Earth dist.	-1141 Aug 25 j 20:57	25°♌01'26	0.65377 AU
inferior conj	-1141 Aug 27 j 19:26	22°♌47'33	-2°-42'-4
minimum elong	-1141 Aug 27 j 23:17	22°♌36'25	2°40'46
morning rise	-1141 Sep 03 j 00:38	17°♌08'07	
asc. node	-1141 Sep 05 j 07:00	16°♌27'33	
direct	-1141 Sep 05 j 19:10	16°♌26'09	
morning max el	-1141 Sep 12 j 08:50	20°♌00'46	18°17'46
	-1141 Sep 19 j 22:39	0°♍	
morning set	-1141 Oct 01 j 06:04	18°♍16'09	
	-1141 Oct 08 j 10:55	0°♎	
desc. node	-1141 Oct 15 j 17:44	11°♎38'23	
superior conj	-1141 Oct 16 j 01:43	12°♎10'02	0°-2'-10
minimum elong	-1141 Oct 16 j 01:26	12°♎08'53	0°02'09
behind sun begin	-1141 Oct 15 j 14:24	11°♎25'12	
behind sun end	-1141 Oct 16 j 12:27	12°♎52'31	
max. Earth dist.	-1141 Oct 18 j 15:00	16°♎11'57	1.44892 AU
	-1141 Oct 27 j 10:15	0°♏	
evening rise	-1141 Nov 01 j 14:29	8°♏05'21	
	-1141 Nov 15 j 19:11	0°♐	
greatest brilliancy	-1141 Nov 16 j 19:13	1°♐28'50	-0.7m
evening max el	-1141 Nov 25 j 13:12	12°♐51'46	19°29'07
asc. node	-1141 Dec 02 j 06:15	17°♐01'37	
retrograde	-1141 Dec 02 j 18:57	17°♐03'12	
evening set	-1141 Dec 06 j 03:39	15°♐57'02	
inferior conj	-1141 Dec 11 j 18:31	9°♐59'32	2°51'55
minimum elong	-1141 Dec 11 j 15:37	10°♐08'57	2°51'05
min. Earth dist.	-1141 Dec 12 j 23:07	8°♐26'44	0.66238 AU
morning rise	-1141 Dec 17 j 02:48	3°♐46'07	
direct	-1141 Dec 23 j 07:01	1°♐03'22	
morning max el	-1140 Jan 04 j 16:58	8°♐24'03	25°55'40
desc. node	-1140 Jan 11 j 17:01	16°♐21'50	
	-1140 Jan 21 j 16:22	0°♑	
	-1140 Feb 08 j 21:58	0°♒	
morning set	-1140 Feb 09 j 21:48	1°♒49'17	
max. Earth dist.	-1140 Feb 13 j 20:31	9°♒15'35	1.35680 AU
superior conj	-1140 Feb 19 j 03:25	19°♒42'19	-1°-23'-45
minimum elong	-1140 Feb 19 j 06:57	20°♒00'10	1°23'16
	-1140 Feb 24 j 04:04	0°♓	
evening rise	-1140 Feb 27 j 01:50	5°♓58'32	
asc. node	-1140 Feb 28 j 05:35	8°♓19'30	
	-1140 Mar 11 j 15:45	0°♈	
evening max el	-1140 Mar 16 j 04:38	5°♈13'58	20°14'13
retrograde	-1140 Mar 26 j 17:32	10°♈16'32	
evening set	-1140 Mar 28 j 21:27	10°♈04'42	
inferior conj	-1140 Apr 06 j 20:30	6°♈06'16	0°30'48
minimum elong	-1140 Apr 06 j 21:53	6°♈04'13	0°30'18
min. Earth dist.	-1140 Apr 08 j 14:47	5°♈03'33	0.55385 AU
desc. node	-1140 Apr 08 j 16:08	5°♈01'34	
morning rise	-1140 Apr 15 j 19:49	1°♈44'17	
direct	-1140 Apr 19 j 14:49	1°♈12'51	
morning max el	-1140 May 03 j 05:51	7°♈55'19	23°38'32
	-1140 May 19 j 03:33	0°♉	
asc. node	-1140 May 26 j 04:52	13°♉45'26	
morning set	-1140 May 27 j 00:49	15°♉29'35	
	-1140 Jun 02 j 19:17	0°♊	
superior conj	-1140 Jun 03 j 03:40	0°♊44'59	1°15'00
minimum elong	-1140 Jun 03 j 01:08	0°♊31'25	1°14'38
max. Earth dist.	-1140 Jun 05 j 07:31	5°♊21'52	1.33547 AU
evening rise	-1140 Jun 10 j 16:47	16°♊29'23	
	-1140 Jun 17 j 19:10	0°♋	
desc. node	-1140 Jul 05 j 15:23	27°♋39'26	
	-1140 Jul 07 j 12:05	0°♌	
evening max el	-1140 Jul 14 j 09:36	7°♌34'15	27°23'53
retrograde	-1140 Jul 28 j 00:04	14°♌55'22	
evening set	-1140 Aug 04 j 03:30	12°♌13'32	
min. Earth dist.	-1140 Aug 07 j 19:19	8°♌55'34	0.63942 AU
inferior conj	-1140 Aug 10 j 07:08	6°♌19'08	-3°-30'-41
minimum elong	-1140 Aug 10 j 11:36	6°♌07'24	3°29'28
morning rise	-1140 Aug 16 j 21:40	0°♌56'15	
direct	-1140 Aug 19 j 11:16	0°♌23'14	
asc. node	-1140 Aug 22 j 04:03	1°♌00'02	
morning max el	-1140 Aug 26 j 00:09	3°♌49'35	17°57'27
morning set	-1140 Sep 12 j 00:57	29°♌58'04	
	-1140 Sep 12 j 01:24	0°♍	
superior conj	-1140 Sep 24 j 19:28	21°♍27'36	0°43'40
minimum elong	-1140 Sep 24 j 23:55	21°♍45'49	0°43'06
	-1140 Sep 30 j 02:21	0°♎	
max. Earth dist.	-1140 Sep 30 j 08:01	0°♎22'35	1.44187 AU
desc. node	-1140 Oct 01 j 14:45	2°♎24'52	
evening rise	-1140 Oct 10 j 23:36	17°♎03'21	
	-1140 Oct 19 j 11:16	0°♏	
greatest brilliancy	-1140 Nov 01 j 11:26	18°♏50'15	-0.5m
evening max el	-1140 Nov 07 j 16:19	26°♏19'29	20°28'27
	-1140 Nov 12 j 03:59	0°♐	
retrograde	-1140 Nov 15 j 16:27	1°♐02'44	
asc. node	-1140 Nov 18 j 03:17	0°♐28'19	
	-1140 Nov 18 j 23:37	30°℞♏	
evening set	-1140 Nov 19 j 10:13	29°♏41'55	
inferior conj	-1140 Nov 24 j 21:38	23°♏32'44	2°10'37
minimum elong	-1140 Nov 24 j 19:03	23°♏41'27	2°09'42
min. Earth dist.	-1140 Nov 25 j 13:39	22°♏38'31	0.67030 AU
morning rise	-1140 Nov 30 j 03:22	17°♏17'04	
direct	-1140 Dec 05 j 16:57	14°♏51'08	
morning max el	-1140 Dec 17 j 01:18	21°♏37'12	24°34'44
	-1140 Dec 24 j 08:23	0°♐	
desc. node	-1140 Dec 28 j 14:03	5°♐33'14	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1139 Jan 13 j 22:55	0°♉	
morning set	-1139 Jan 22 j 00:43	13°♉37'22	
max. Earth dist.	-1139 Jan 25 j 18:13	20°♉17'29	1.37554 AU
	-1139 Jan 30 j 23:00	0°♒	
superior conj	-1139 Feb 01 j 12:10	2°♒58'50	-1°-43'-46
minimum elong	-1139 Feb 01 j 15:40	3°♒15'51	1°43'29
evening rise	-1139 Feb 10 j 02:45	20°♒01'00	
asc. node	-1139 Feb 14 j 02:37	27°♒49'15	
	-1139 Feb 15 j 06:23	0°♓	
evening max el	-1139 Feb 26 j 22:09	17°♓09'39	19°13'15
retrograde	-1139 Mar 07 j 19:24	21°♓25'13	
evening set	-1139 Mar 10 j 01:16	21°♓10'07	
inferior conj	-1139 Mar 18 j 07:03	16°♓59'44	2°11'13
minimum elong	-1139 Mar 18 j 11:28	16°♓52'16	2°09'56
min. Earth dist.	-1139 Mar 21 j 06:00	15°♓00'45	0.56604 AU
morning rise	-1139 Mar 26 j 17:42	12°♓06'06	
desc. node	-1139 Mar 26 j 13:12	12°♓10'23	
direct	-1139 Mar 31 j 15:52	11°♓09'56	
morning max el	-1139 Apr 14 j 20:29	18°♓26'26	25°16'28
	-1139 Apr 24 j 11:21	0°♈	
	-1139 May 11 j 07:13	0°♉	
morning set	-1139 May 11 j 12:49	0°♉29'22	
asc. node	-1139 May 13 j 01:54	3°♉46'09	
superior conj	-1139 May 18 j 13:45	15°♉41'53	0°55'03
minimum elong	-1139 May 18 j 11:36	15°♉30'11	0°54'39
max. Earth dist.	-1139 May 19 j 15:47	18°♉03'36	1.32825 AU
	-1139 May 25 j 06:27	0°♊	
evening rise	-1139 May 25 j 18:21	1°♊01'19	
	-1139 Jun 10 j 19:01	0°♋	
desc. node	-1139 Jun 22 j 12:25	15°♋52'36	
evening max el	-1139 Jun 26 j 17:48	20°♋18'15	27°17'38
retrograde	-1139 Jul 10 j 14:10	27°♋37'09	
evening set	-1139 Jul 17 j 17:28	25°♋12'33	
min. Earth dist.	-1139 Jul 21 j 07:36	22°♋21'33	0.62169 AU
inferior conj	-1139 Jul 24 j 07:45	19°♋33'48	-4°-10'-24
minimum elong	-1139 Jul 24 j 11:45	19°♋24'26	4°09'41
morning rise	-1139 Jul 31 j 08:37	14°♋30'43	
direct	-1139 Aug 02 j 19:52	14°♋03'50	
asc. node	-1139 Aug 09 j 01:06	16°♋57'20	
morning max el	-1139 Aug 09 j 14:59	17°♋30'06	17°55'25
	-1139 Aug 18 j 13:00	0°♌	
morning set	-1139 Aug 25 j 16:58	12°♌40'53	
	-1139 Sep 04 j 11:07	0°♍	
superior conj	-1139 Sep 05 j 16:17	2°♍05'36	1°17'46
minimum elong	-1139 Sep 05 j 21:20	2°♍27'13	1°17'14
max. Earth dist.	-1139 Sep 12 j 21:20	14°♍09'58	1.42859 AU
desc. node	-1139 Sep 18 j 11:46	23°♍10'20	
evening rise	-1139 Sep 20 j 07:30	26°♍02'25	
	-1139 Sep 22 j 20:36	0°♎	
	-1139 Oct 13 j 10:13	0°♏	
greatest brilliancy	-1139 Oct 16 j 15:56	4°♏10'59	-0.4m
evening max el	-1139 Oct 21 j 13:39	9°♏47'53	21°39'32
retrograde	-1139 Oct 30 j 13:04	15°♏07'56	
evening set	-1139 Nov 03 j 18:05	13°♏30'13	
asc. node	-1139 Nov 05 j 00:18	12°♏22'34	
inferior conj	-1139 Nov 09 j 03:37	7°♏12'45	1°23'25
minimum elong	-1139 Nov 09 j 01:48	7°♏19'01	1°22'41
min. Earth dist.	-1139 Nov 09 j 08:22	6°♏56'23	0.67474 AU
morning rise	-1139 Nov 14 j 09:16	0°♏57'14	
	-1139 Nov 15 j 16:04	30°℞♎	
direct	-1139 Nov 19 j 07:27	28°♎52'52	
	-1139 Nov 23 j 07:00	0°♏	
morning max el	-1139 Nov 29 j 10:40	4°♏54'35	23°07'27
greatest brilliancy	-1139 Dec 04 j 09:22	10°♏27'18	-0.3m
desc. node	-1139 Dec 15 j 11:05	25°♏17'12	
	-1139 Dec 18 j 16:49	0°♐	
morning set	-1138 Jan 03 j 01:44	24°♐06'46	
	-1138 Jan 06 j 13:21	0°♑	
max. Earth dist.	-1138 Jan 07 j 13:36	1°♑44'24	1.39656 AU
superior conj	-1138 Jan 15 j 06:03	15°♑28'07	-1°-56'-56
minimum elong	-1138 Jan 15 j 08:08	15°♑37'41	1°56'54
	-1138 Jan 22 j 22:43	0°♒	
evening rise	-1138 Jan 24 j 19:10	3°♒33'19	
asc. node	-1138 Jan 31 j 23:39	16°♒54'27	
evening max el	-1138 Feb 10 j 00:42	29°♒38'19	18°32'03
	-1138 Feb 10 j 09:53	0°♓	
retrograde	-1138 Feb 17 j 15:54	3°♓22'24	
evening set	-1138 Feb 20 j 02:02	3°♓01'05	
	-1138 Feb 25 j 15:28	30°℞♒	
inferior conj	-1138 Feb 27 j 13:59	28°♒30'48	3°16'46
minimum elong	-1138 Feb 27 j 17:49	28°♒23'15	3°16'03
min. Earth dist.	-1138 Mar 02 j 23:53	25°♒50'45	0.58423 AU
morning rise	-1138 Mar 07 j 05:48	23°♒08'26	
direct	-1138 Mar 13 j 05:58	21°♒36'34	
desc. node	-1138 Mar 13 j 10:15	21°♒36'39	
morning max el	-1138 Mar 27 j 13:42	29°♒12'01	26°38'05
	-1138 Mar 28 j 09:01	0°♓	
	-1138 Apr 18 j 03:47	0°♈	
morning set	-1138 Apr 25 j 23:35	15°♈24'55	
asc. node	-1138 Apr 29 j 22:58	23°♈54'46	
	-1138 May 02 j 17:46	0°♉	
superior conj	-1138 May 03 j 01:23	0°♉41'52	0°32'16
minimum elong	-1138 May 03 j 00:01	0°♉34'17	0°31'58
max. Earth dist.	-1138 May 03 j 04:17	0°♉57'44	1.32458 AU
evening rise	-1138 May 10 j 01:28	15°♉48'45	
	-1138 May 17 j 05:31	0°♊	
	-1138 Jun 06 j 12:36	0°♋	
evening max el	-1138 Jun 08 j 20:29	2°♋21'14	26°38'17
desc. node	-1138 Jun 09 j 09:28	2°♋51'43	
retrograde	-1138 Jun 22 j 20:27	9°♋37'07	
evening set	-1138 Jun 29 j 12:45	7°♋42'50	
min. Earth dist.	-1138 Jul 03 j 09:48	5°♋04'38	0.60163 AU
inferior conj	-1138 Jul 06 j 17:46	2°♋22'24	-4°-34'-34
minimum elong	-1138 Jul 06 j 19:36	2°♋18'38	4°34'27
	-1138 Jul 09 j 19:31	30°℞♊	
morning rise	-1138 Jul 14 j 05:42	27°♊41'43	
direct	-1138 Jul 16 j 16:47	27°♊19'03	
	-1138 Jul 23 j 01:59	0°♋	
morning max el	-1138 Jul 24 j 02:25	0°♋54'47	18°12'38
asc. node	-1138 Jul 26 j 22:11	4°♋04'10	
morning set	-1138 Aug 09 j 00:25	26°♋08'30	
	-1138 Aug 11 j 01:31	0°♌	
superior conj	-1138 Aug 18 j 14:59	14°♌00'29	1°38'22
minimum elong	-1138 Aug 18 j 18:11	14°♌14'56	1°38'09
max. Earth dist.	-1138 Aug 26 j 05:17	27°♌19'02	1.41080 AU
	-1138 Aug 27 j 19:29	0°♍	
evening rise	-1138 Aug 31 j 07:36	5°♍47'14	
desc. node	-1138 Sep 05 j 08:48	13°♍50'56	
	-1138 Sep 16 j 02:14	0°♎	
greatest brilliancy	-1138 Sep 29 j 00:39	17°♎26'33	-0.3m
evening max el	-1138 Oct 04 j 05:33	23°♎16'38	22°58'04
retrograde	-1138 Oct 14 j 07:20	29°♎15'09	
evening set	-1138 Oct 19 j 01:27	27°♎19'01	
asc. node	-1138 Oct 22 j 21:22	23°♎03'37	
inferior conj	-1138 Oct 24 j 10:36	20°♎56'51	0°32'00
minimum elong	-1138 Oct 24 j 09:51	20°♎59'25	0°31'41
min. Earth dist.	-1138 Oct 24 j 04:50	21°♎16'43	0.67594 AU
morning rise	-1138 Oct 29 j 18:15	14°♎43'57	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

direct	-1138 Nov 03 j 01:40	13°♎02'12	
morning max el	-1138 Nov 12 j 00:29	18°♎18'27	21°42'36
greatest brilliancy	-1138 Nov 16 j 22:46	23°♎55'13	-0.4m
	-1138 Nov 21 j 14:30	0°♏	
desc. node	-1138 Dec 02 j 08:08	15°♏23'50	
	-1138 Dec 11 j 20:58	0°♐	
morning set	-1138 Dec 13 j 21:40	3°♐12'31	
max. Earth dist.	-1138 Dec 20 j 13:46	14°♐02'12	1.41696 AU
superior conj	-1138 Dec 28 j 03:42	26°♐56'11	-1°-59'-25
minimum elong	-1138 Dec 28 j 02:25	26°♐50'37	1°59'26
	-1138 Dec 29 j 21:33	0°♑	
evening rise	-1137 Jan 07 j 23:38	16°♑27'13	
	-1137 Jan 15 j 12:20	0°♒	
asc. node	-1137 Jan 18 j 20:42	5°♒26'57	
evening max el	-1137 Jan 24 j 09:24	12°♒31'47	18°10'57
retrograde	-1137 Jan 31 j 06:16	16°♒00'22	
evening set	-1137 Feb 02 j 20:18	15°♒31'27	
inferior conj	-1137 Feb 09 j 17:09	10°♒39'28	3°48'18
minimum elong	-1137 Feb 09 j 18:41	10°♒35'58	3°48'10
min. Earth dist.	-1137 Feb 12 j 23:33	7°♒41'19	0.60484 AU
morning rise	-1137 Feb 16 j 14:05	4°♒56'26	
direct	-1137 Feb 23 j 07:41	2°♒47'24	
desc. node	-1137 Feb 28 j 07:18	3°♒52'33	
morning max el	-1137 Mar 09 j 13:03	10°♒33'28	27°30'15
	-1137 Mar 24 j 16:01	0°♓	
morning set	-1137 Apr 10 j 07:21	0°♈09'55	
	-1137 Apr 10 j 05:26	0°♈	
max. Earth dist.	-1137 Apr 16 j 17:07	13°♈50'55	1.32439 AU
asc. node	-1137 Apr 16 j 20:03	14°♈06'56	
superior conj	-1137 Apr 17 j 12:54	15°♈39'06	0°07'26
minimum elong	-1137 Apr 17 j 12:33	15°♈37'15	0°07'22
behind sun begin	-1137 Apr 17 j 08:04	15°♈12'42	
behind sun end	-1137 Apr 17 j 17:02	16°♈01'48	
evening rise	-1137 Apr 24 j 11:54	0°♉43'52	
	-1137 Apr 24 j 03:36	0°♉	
	-1137 May 10 j 14:07	0°♊	
evening max el	-1137 May 21 j 16:20	13°♊39'54	25°29'12
desc. node	-1137 May 27 j 06:30	18°♊07'02	
retrograde	-1137 Jun 04 j 17:32	20°♊51'07	
evening set	-1137 Jun 10 j 09:48	19°♊35'13	
min. Earth dist.	-1137 Jun 15 j 04:19	16°♊51'43	0.58129 AU
inferior conj	-1137 Jun 18 j 09:41	14°♊35'45	-4°-33'-17
minimum elong	-1137 Jun 18 j 07:34	14°♊39'30	4°33'10
morning rise	-1137 Jun 26 j 09:14	10°♊17'44	
direct	-1137 Jun 28 j 21:29	9°♊58'09	
morning max el	-1137 Jul 07 j 07:32	13°♊55'35	18°50'08
asc. node	-1137 Jul 13 j 19:16	22°♊06'02	
	-1137 Jul 18 j 10:54	0°♋	
morning set	-1137 Jul 23 j 18:58	10°♋10'04	
superior conj	-1137 Aug 01 j 10:11	26°♋57'48	1°47'07
minimum elong	-1137 Aug 01 j 11:04	27°♋02'03	1°47'07
	-1137 Aug 03 j 00:47	0°♌	
max. Earth dist.	-1137 Aug 08 j 08:32	9°♌43'58	1.39094 AU
evening rise	-1137 Aug 12 j 08:34	16°♌43'06	
	-1137 Aug 20 j 10:23	0°♍	
desc. node	-1137 Aug 23 j 05:49	4°♍23'02	
	-1137 Sep 10 j 15:11	0°♎	
evening max el	-1137 Sep 16 j 17:51	6°♎48'05	24°18'07
retrograde	-1137 Sep 27 j 22:08	13°♎21'33	
evening set	-1137 Oct 03 j 06:41	11°♎06'56	
min. Earth dist.	-1137 Oct 08 j 00:45	5°♎38'10	0.67402 AU
inferior conj	-1137 Oct 08 j 16:52	4°♎43'54	0°-22'-3
minimum elong	-1137 Oct 08 j 17:24	4°♎42'07	0°21'51
asc. node	-1137 Oct 09 j 18:26	3°♎18'36	
	-1137 Oct 12 j 13:42	30°℞♍	
morning rise	-1137 Oct 14 j 04:24	28°♍36'18	
direct	-1137 Oct 17 j 22:37	27°♍15'29	
	-1137 Oct 23 j 21:10	0°♎	
morning max el	-1137 Oct 25 j 21:17	1°♎51'56	20°26'47
greatest brilliancy	-1137 Nov 01 j 07:26	9°♎33'14	-0.5m
	-1137 Nov 15 j 10:06	0°♏	
desc. node	-1137 Nov 19 j 05:09	5°♏46'45	
morning set	-1137 Nov 22 j 20:49	11°♏24'32	
max. Earth dist.	-1137 Dec 02 j 21:03	27°♏12'06	1.43393 AU
	-1137 Dec 04 j 14:37	0°♐	
superior conj	-1137 Dec 08 j 23:52	7°♐11'30	-1°-46'-49
minimum elong	-1137 Dec 08 j 18:03	6°♐47'25	1°46'27
evening rise	-1137 Dec 21 j 12:04	28°♐34'32	
	-1137 Dec 22 j 07:36	0°♑	
asc. node	-1136 Jan 05 j 17:44	23°♑16'55	
evening max el	-1136 Jan 07 j 21:22	25°♑42'20	18°09'27
retrograde	-1136 Jan 14 j 10:13	29°♑09'03	
evening set	-1136 Jan 17 j 04:06	28°♑31'33	
inferior conj	-1136 Jan 23 j 13:09	23°♑18'33	3°53'23
minimum elong	-1136 Jan 23 j 12:26	23°♑20'24	3°53'20
min. Earth dist.	-1136 Jan 26 j 07:43	20°♑26'05	0.62490 AU
morning rise	-1136 Jan 29 j 18:41	17°♑22'15	
direct	-1136 Feb 05 j 18:57	14°♑45'05	
desc. node	-1136 Feb 15 j 04:22	18°♑35'19	
morning max el	-1136 Feb 19 j 18:13	22°♑35'40	27°46'03
	-1136 Feb 26 j 08:05	0°♒	
	-1136 Mar 16 j 19:25	0°♓	
morning set	-1136 Mar 24 j 09:53	14°♓36'05	
max. Earth dist.	-1136 Mar 30 j 02:10	26°♓27'51	1.32796 AU
superior conj	-1136 Mar 31 j 22:31	0°♈26'54	0°-18'-38
minimum elong	-1136 Mar 31 j 23:23	0°♈31'37	0°18'27
	-1136 Mar 31 j 17:33	0°♈	
asc. node	-1136 Apr 02 j 17:05	4°♈17'50	
evening rise	-1136 Apr 07 j 23:37	15°♈39'00	
	-1136 Apr 15 j 04:18	0°♉	
evening max el	-1136 May 02 j 07:33	24°♉24'59	24°00'06
	-1136 May 10 j 03:30	0°♊	
desc. node	-1136 May 13 j 03:33	1°♊00'58	
retrograde	-1136 May 16 j 03:03	1°♊21'15	
evening set	-1136 May 20 j 09:43	0°♊40'38	
	-1136 May 22 j 05:52	30°℞♉	
min. Earth dist.	-1136 May 26 j 18:48	27°♉36'15	0.56385 AU
inferior conj	-1136 May 29 j 05:24	26°♉05'50	-3°-54'-32
minimum elong	-1136 May 28 j 23:18	26°♉15'18	3°53'20
morning rise	-1136 Jun 06 j 16:42	22°♉05'25	
direct	-1136 Jun 09 j 06:55	21°♉47'55	
morning max el	-1136 Jun 19 j 03:27	26°♉21'42	19°48'29
	-1136 Jun 22 j 12:17	0°♊	
asc. node	-1136 Jun 29 j 16:20	10°♊49'14	
morning set	-1136 Jul 06 j 21:15	24°♊35'52	
	-1136 Jul 09 j 13:13	0°♋	
superior conj	-1136 Jul 14 j 20:15	10°♋40'35	1°46'26
minimum elong	-1136 Jul 14 j 19:18	10°♋35'54	1°46'25
max. Earth dist.	-1136 Jul 20 j 11:49	21°♋37'15	1.37157 AU
evening rise	-1136 Jul 24 j 09:35	28°♋48'57	
	-1136 Jul 25 j 01:25	0°♌	
desc. node	-1136 Aug 09 j 02:51	24°♌41'09	
	-1136 Aug 12 j 17:55	0°♍	
evening max el	-1136 Aug 29 j 05:06	20°♍23'00	25°32'36
retrograde	-1136 Sep 10 j 08:34	27°♍22'16	
evening set	-1136 Sep 16 j 07:56	24°♍51'24	
min. Earth dist.	-1136 Sep 20 j 17:38	19°♍58'33	0.66889 AU
inferior conj	-1136 Sep 21 j 20:37	18°♍31'35	-1°-17'-15

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1136 Sep 21 j 22:32	18°♍25'25	1°16'29
asc. node	-1136 Sep 25 j 15:30	14°♍05'30	
morning rise	-1136 Sep 27 j 13:47	12°♍32'12	
direct	-1136 Sep 30 j 20:57	11°♍29'15	
morning max el	-1136 Oct 08 j 01:31	15°♍34'30	19°24'13
greatest brilliancy	-1136 Oct 17 j 12:43	27°♍50'22	-0.7m
	-1136 Oct 18 j 23:49	0°♎	
morning set	-1136 Oct 31 j 21:51	19°♎50'10	
desc. node	-1136 Nov 05 j 02:10	26°♎21'02	
	-1136 Nov 07 j 10:13	0°♏	
max. Earth dist.	-1136 Nov 14 j 10:49	11°♏02'43	1.44530 AU
superior conj	-1136 Nov 17 j 17:29	16°♏14'58	-1°-16'-16
minimum elong	-1136 Nov 17 j 09:33	15°♏43'22	1°15'27
	-1136 Nov 26 j 05:51	0°♐	
evening rise	-1136 Dec 02 j 04:00	9°♐46'52	
	-1136 Dec 14 j 12:43	0°♑	
evening max el	-1136 Dec 21 j 09:49	9°♑03'15	18°26'45
asc. node	-1136 Dec 22 j 14:46	10°♑11'49	
retrograde	-1136 Dec 27 j 23:18	12°♑39'32	
evening set	-1136 Dec 30 j 21:50	11°♑52'09	
inferior conj	-1135 Jan 05 j 21:59	6°♑19'57	3°39'29
minimum elong	-1135 Jan 05 j 19:48	6°♑26'15	3°39'10
min. Earth dist.	-1135 Jan 08 j 01:33	3°♑51'18	0.64236 AU
morning rise	-1135 Jan 11 j 16:22	0°♑15'02	
	-1135 Jan 11 j 23:47	30°℞♐	
direct	-1135 Jan 18 j 13:49	27°♐24'42	
	-1135 Jan 25 j 21:48	0°♑	
morning max el	-1135 Feb 01 j 02:50	5°♑11'56	27°25'57
desc. node	-1135 Feb 01 j 01:23	5°♑08'20	
	-1135 Feb 20 j 00:08	0°♒	
morning set	-1135 Mar 08 j 04:33	28°♒34'33	
	-1135 Mar 08 j 21:51	0°♓	
max. Earth dist.	-1135 Mar 13 j 03:36	8°♓36'34	1.33567 AU
superior conj	-1135 Mar 16 j 04:27	14°♓59'15	0°-44'-56
minimum elong	-1135 Mar 16 j 06:33	15°♓10'26	0°44'32
asc. node	-1135 Mar 20 j 14:07	24°♓23'30	
evening rise	-1135 Mar 23 j 10:54	0°♈27'58	
	-1135 Mar 23 j 05:34	0°♈	
	-1135 Apr 09 j 11:16	0°♉	
evening max el	-1135 Apr 14 j 00:12	5°♉03'02	22°25'10
retrograde	-1135 Apr 26 j 23:37	11°♉25'17	
evening set	-1135 Apr 29 j 23:20	11°♉05'41	
desc. node	-1135 Apr 30 j 00:34	11°♉05'01	
min. Earth dist.	-1135 May 08 j 08:01	7°♉28'48	0.55287 AU
inferior conj	-1135 May 09 j 07:29	6°♉55'31	-2°-31'-41
minimum elong	-1135 May 09 j 01:09	7°♉04'31	2°29'44
morning rise	-1135 May 18 j 05:02	3°♉00'44	
direct	-1135 May 21 j 00:03	2°♉42'53	
morning max el	-1135 Jun 01 j 12:18	8°♉05'31	21°06'46
asc. node	-1135 Jun 16 j 13:23	0°♊03'37	
	-1135 Jun 16 j 12:38	0°♊	
morning set	-1135 Jun 21 j 04:43	9°♊18'59	
superior conj	-1135 Jun 28 j 16:49	24°♊55'57	1°38'27
minimum elong	-1135 Jun 28 j 14:44	24°♊45'15	1°38'18
	-1135 Jul 01 j 04:20	0°♋	
max. Earth dist.	-1135 Jul 02 j 21:42	3°♋27'15	1.35471 AU
evening rise	-1135 Jul 07 j 05:59	11°♋52'31	
	-1135 Jul 17 j 12:12	0°♌	
desc. node	-1135 Jul 26 j 23:52	14°♌38'38	
	-1135 Aug 07 j 21:48	0°♍	
evening max el	-1135 Aug 11 j 16:48	3°♍57'39	26°33'33
retrograde	-1135 Aug 24 j 13:53	11°♍11'30	
evening set	-1135 Aug 31 j 03:06	8°♍29'16	
min. Earth dist.	-1135 Sep 04 j 05:02	4°♍14'13	0.66037 AU
inferior conj	-1135 Sep 05 j 19:58	2°♍16'43	-2°-11'-49
minimum elong	-1135 Sep 05 j 23:11	2°♍06'58	2°10'37
	-1135 Sep 07 j 18:37	30°℞♌	
morning rise	-1135 Sep 11 j 20:21	26°♌28'50	
asc. node	-1135 Sep 12 j 12:33	26°♌09'03	
direct	-1135 Sep 14 j 18:50	25°♌40'06	
morning max el	-1135 Sep 21 j 11:55	29°♌23'16	18°37'10
	-1135 Sep 22 j 02:01	0°♍	
morning set	-1135 Oct 11 j 21:37	29°♍26'40	
	-1135 Oct 12 j 05:56	0°♎	
desc. node	-1135 Oct 22 j 23:11	17°♎02'30	
superior conj	-1135 Oct 27 j 18:29	24°♎36'41	0°-30'-52
minimum elong	-1135 Oct 27 j 14:25	24°♎20'42	0°30'21
max. Earth dist.	-1135 Oct 28 j 04:50	25°♎17'22	1.44977 AU
	-1135 Oct 31 j 04:42	0°♏	
evening rise	-1135 Nov 12 j 20:06	19°♏58'57	
	-1135 Nov 19 j 03:07	0°♐	
evening max el	-1135 Dec 04 j 20:11	22°♐28'41	19°01'41
asc. node	-1135 Dec 09 j 11:48	25°♐56'28	
retrograde	-1135 Dec 11 j 17:52	26°♐24'29	
evening set	-1135 Dec 14 j 22:27	25°♐25'36	
inferior conj	-1135 Dec 20 j 16:05	19°♐36'27	3°12'09
minimum elong	-1135 Dec 20 j 13:15	19°♐45'20	3°11'29
min. Earth dist.	-1135 Dec 22 j 04:37	17°♐42'10	0.65621 AU
morning rise	-1135 Dec 26 j 03:07	13°♐25'44	
direct	-1134 Jan 01 j 14:56	10°♐36'57	
morning max el	-1134 Jan 14 j 12:22	18°♐10'19	26°35'23
desc. node	-1134 Jan 18 j 22:24	22°♐59'31	
	-1134 Jan 24 j 12:29	0°♑	
	-1134 Feb 12 j 22:55	0°♒	
morning set	-1134 Feb 19 j 11:42	11°♒53'23	
max. Earth dist.	-1134 Feb 23 j 18:10	20°♒10'06	1.34783 AU
superior conj	-1134 Feb 28 j 04:26	29°♒08'26	-1°-10'-15
minimum elong	-1134 Feb 28 j 07:35	29°♒24'39	1°09'45
	-1134 Feb 28 j 14:25	0°♓	
asc. node	-1134 Mar 07 j 11:09	14°♓19'03	
evening rise	-1134 Mar 07 j 19:49	15°♓03'54	
	-1134 Mar 15 j 11:58	0°♈	
evening max el	-1134 Mar 27 j 00:31	16°♈00'56	20°57'39
retrograde	-1134 Apr 07 j 12:44	21°♈33'43	
evening set	-1134 Apr 09 j 19:48	21°♈21'20	
desc. node	-1134 Apr 16 j 21:35	18°♈36'26	
inferior conj	-1134 Apr 19 j 01:54	17°♈23'27	0°-37'-11
minimum elong	-1134 Apr 19 j 00:08	17°♈25'57	0°36'34
min. Earth dist.	-1134 Apr 19 j 21:15	16°♈55'59	0.55077 AU
morning rise	-1134 Apr 28 j 03:40	13°♈16'53	
direct	-1134 May 01 j 10:59	12°♈53'15	
morning max el	-1134 May 14 j 10:44	19°♈08'00	22°40'50
	-1134 May 23 j 08:51	0°♉	
asc. node	-1134 Jun 03 j 10:26	19°♉41'13	
morning set	-1134 Jun 05 j 15:20	24°♉13'31	
	-1134 Jun 08 j 08:57	0°♊	
superior conj	-1134 Jun 12 j 20:34	9°♊33'59	1°24'52
minimum elong	-1134 Jun 12 j 18:03	9°♊20'35	1°24'33
max. Earth dist.	-1134 Jun 15 j 17:15	15°♊34'53	1.34140 AU
evening rise	-1134 Jun 20 j 16:49	25°♊39'55	
	-1134 Jun 22 j 22:34	0°♋	
	-1134 Jul 10 j 22:08	0°♌	
desc. node	-1134 Jul 13 j 20:53	4°♌06'34	
evening max el	-1134 Jul 25 j 04:35	17°♌22'36	27°13'16
retrograde	-1134 Aug 07 j 13:41	24°♌42'17	
evening set	-1134 Aug 14 j 13:41	21°♌56'59	
min. Earth dist.	-1134 Aug 18 j 08:38	18°♌19'29	0.64817 AU
inferior conj	-1134 Aug 20 j 12:41	15°♌55'17	-3°-3'-28

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1134 Aug 20 j 16:54	15°♌43'36	3°02'08
morning rise	-1134 Aug 26 j 21:43	10°♌22'24	
direct	-1134 Aug 29 j 13:57	9°♌44'28	
asc. node	-1134 Aug 30 j 09:36	9°♌48'02	
morning max el	-1134 Sep 05 j 02:17	13°♌14'13	18°06'57
	-1134 Sep 16 j 19:33	0°♍	
morning set	-1134 Sep 23 j 01:51	10°♍27'05	
	-1134 Oct 04 j 23:03	0°♎	
superior conj	-1134 Oct 07 j 00:30	3°♎18'34	0°18'22
minimum elong	-1134 Oct 07 j 02:43	3°♎27'25	0°18'04
desc. node	-1134 Oct 09 j 20:13	7°♎48'19	
max. Earth dist.	-1134 Oct 10 j 23:42	9°♎37'09	1.44683 AU
evening rise	-1134 Oct 23 j 14:02	29°♎18'01	
	-1134 Oct 24 j 00:53	0°♏	
greatest brilliancy	-1134 Nov 10 j 15:38	26°♏34'34	-0.6m
	-1134 Nov 13 j 03:35	0°♐	
evening max el	-1134 Nov 18 j 02:22	5°♐56'01	19°52'38
retrograde	-1134 Nov 25 j 15:03	10°♐19'57	
asc. node	-1134 Nov 26 j 08:49	10°♐16'49	
evening set	-1134 Nov 29 j 03:28	9°♐07'37	
inferior conj	-1134 Dec 04 j 16:38	3°♐04'34	2°35'12
minimum elong	-1134 Dec 04 j 13:49	3°♐13'55	2°34'19
min. Earth dist.	-1134 Dec 05 j 15:36	1°♐48'29	0.66624 AU
	-1134 Dec 07 j 01:22	30°℞♏	
morning rise	-1134 Dec 09 j 23:32	26°♏50'05	
direct	-1134 Dec 15 j 21:41	24°♏13'57	
	-1134 Dec 26 j 12:06	0°♐	
morning max el	-1134 Dec 27 j 21:19	1°♐20'48	25°22'40
desc. node	-1133 Jan 05 j 19:28	11°♐46'24	
	-1133 Jan 18 j 13:40	0°♑	
morning set	-1133 Feb 02 j 02:37	24°♑18'57	
	-1133 Feb 05 j 04:52	0°♒	
max. Earth dist.	-1133 Feb 05 j 21:24	1°♒17'27	1.36440 AU
superior conj	-1133 Feb 11 j 19:44	12°♒46'26	-1°-32'-53
minimum elong	-1133 Feb 11 j 23:23	13°♒04'36	1°32'28
evening rise	-1133 Feb 20 j 00:21	29°♒20'25	
	-1133 Feb 20 j 08:12	0°♓	
asc. node	-1133 Feb 22 j 08:10	3°♓59'39	
evening max el	-1133 Mar 09 j 11:40	27°♓33'58	19°45'51
	-1133 Mar 12 j 11:24	0°♈	
retrograde	-1133 Mar 19 j 06:58	2°♈15'27	
evening set	-1133 Mar 21 j 11:03	2°♈02'40	
	-1133 Mar 26 j 18:19	30°℞♓	
inferior conj	-1133 Mar 30 j 03:07	28°♓00'07	1°17'07
minimum elong	-1133 Mar 30 j 06:16	27°♓55'12	1°16'05
min. Earth dist.	-1133 Apr 01 j 11:27	26°♓32'35	0.55806 AU
desc. node	-1133 Apr 03 j 18:37	25°♓12'53	
morning rise	-1133 Apr 07 j 22:15	23°♓25'14	
direct	-1133 Apr 12 j 04:03	22°♓45'15	
morning max el	-1133 Apr 26 j 02:42	29°♓43'44	24°21'23
	-1133 Apr 26 j 09:28	0°♈	
	-1133 May 16 j 14:28	0°♉	
morning set	-1133 May 21 j 03:18	9°♉13'10	
asc. node	-1133 May 21 j 07:28	9°♉35'07	
superior conj	-1133 May 28 j 04:57	24°♉26'06	1°06'57
minimum elong	-1133 May 28 j 02:32	24°♉13'01	1°06'33
max. Earth dist.	-1133 May 29 j 21:36	28°♉05'13	1.33191 AU
	-1133 May 30 j 19:03	0°♊	
evening rise	-1133 Jun 04 j 13:56	9°♊58'21	
	-1133 Jun 15 j 06:45	0°♋	
desc. node	-1133 Jun 30 j 17:55	22°♋51'57	
	-1133 Jul 07 j 04:26	0°♌	
evening max el	-1133 Jul 07 j 14:34	0°♌24'26	27°25'08
retrograde	-1133 Jul 21 j 07:36	7°♌44'52	
evening set	-1133 Jul 28 j 12:20	5°♌08'18	
min. Earth dist.	-1133 Aug 01 j 02:35	2°♌03'33	0.63229 AU
	-1133 Aug 03 j 04:20	30°℞♋	
inferior conj	-1133 Aug 03 j 20:04	29°♋20'26	-3°-48'-55
minimum elong	-1133 Aug 04 j 00:31	29°♋09'19	3°47'53
morning rise	-1133 Aug 10 j 14:56	24°♋05'54	
direct	-1133 Aug 13 j 03:18	23°♋35'45	
asc. node	-1133 Aug 17 j 06:39	24°♋58'20	
morning max el	-1133 Aug 19 j 17:49	27°♋00'41	17°54'21
	-1133 Aug 22 j 08:46	0°♌	
morning set	-1133 Sep 05 j 06:28	22°♌36'52	
	-1133 Sep 09 j 11:52	0°♍	
superior conj	-1133 Sep 17 j 05:25	13°♍09'32	0°59'47
minimum elong	-1133 Sep 17 j 10:34	13°♍31'00	0°59'09
max. Earth dist.	-1133 Sep 23 j 15:39	23°♍40'40	1.43692 AU
desc. node	-1133 Sep 26 j 17:15	28°♍34'39	
	-1133 Sep 27 j 14:49	0°♎	
evening rise	-1133 Oct 02 j 20:18	8°♎10'15	
	-1133 Oct 17 j 08:12	0°♏	
greatest brilliancy	-1133 Oct 26 j 14:00	12°♏51'59	-0.5m
evening max el	-1133 Nov 01 j 02:59	19°♏23'24	20°57'22
retrograde	-1133 Nov 09 j 12:34	24°♏22'13	
evening set	-1133 Nov 13 j 10:51	22°♏54'23	
asc. node	-1133 Nov 13 j 05:51	23°♏03'31	
inferior conj	-1133 Nov 18 j 21:15	16°♏40'55	1°51'13
minimum elong	-1133 Nov 18 j 18:57	16°♏48'47	1°50'20
min. Earth dist.	-1133 Nov 19 j 08:16	16°♏03'11	0.67260 AU
morning rise	-1133 Nov 24 j 02:40	10°♏24'55	
direct	-1133 Nov 29 j 09:34	8°♏08'04	
morning max el	-1133 Dec 10 j 05:59	14°♏36'24	23°57'47
	-1133 Dec 22 j 19:29	0°♐	
desc. node	-1133 Dec 23 j 16:32	1°♐12'52	
	-1132 Jan 11 j 11:54	0°♑	
morning set	-1132 Jan 14 j 19:18	5°♑35'30	
max. Earth dist.	-1132 Jan 18 j 17:16	12°♑26'00	1.38432 AU
superior conj	-1132 Jan 25 j 22:44	25°♑43'59	-1°-50'-24
minimum elong	-1132 Jan 26 j 01:51	25°♑58'46	1°50'13
	-1132 Jan 28 j 04:14	0°♒	
evening rise	-1132 Feb 03 j 22:04	13°♒11'01	
asc. node	-1132 Feb 09 j 05:13	23°♒19'47	
	-1132 Feb 13 j 00:48	0°♓	
evening max el	-1132 Feb 20 j 09:18	9°♓44'19	18°53'17
retrograde	-1132 Feb 28 j 16:40	13°♓44'54	
evening set	-1132 Mar 02 j 00:06	13°♓27'33	
inferior conj	-1132 Mar 09 j 22:06	9°♓09'19	2°43'31
minimum elong	-1132 Mar 10 j 02:37	9°♓01'09	2°42'24
min. Earth dist.	-1132 Mar 13 j 03:47	6°♓50'12	0.57313 AU
morning rise	-1132 Mar 18 j 01:01	4°♓02'10	
desc. node	-1132 Mar 20 j 15:40	3°♓10'49	
direct	-1132 Mar 23 j 10:40	2°♓51'48	
morning max el	-1132 Apr 06 j 18:04	10°♓18'43	25°54'12
	-1132 Apr 21 j 17:57	0°♈	
morning set	-1132 May 04 j 15:01	24°♈12'14	
asc. node	-1132 May 07 j 04:33	29°♈40'00	
	-1132 May 07 j 08:15	0°♉	
superior conj	-1132 May 11 j 15:58	9°♉25'29	0°45'42
minimum elong	-1132 May 11 j 14:06	9°♉15'17	0°45'21
max. Earth dist.	-1132 May 12 j 08:01	10°♉53'17	1.32616 AU
evening rise	-1132 May 18 j 18:10	24°♉37'59	
	-1132 May 21 j 09:30	0°♊	
	-1132 Jun 08 j 00:35	0°♋	
desc. node	-1132 Jun 16 j 14:56	10°♋36'52	
evening max el	-1132 Jun 18 j 20:30	12°♋51'31	27°04'52
retrograde	-1132 Jul 02 j 18:51	20°♋10'06	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening set	-1132 Jul 09 j 18:58	17°♋56'36	
min. Earth dist.	-1132 Jul 13 j 10:29	15°♋13'13	0.61335 AU
inferior conj	-1132 Jul 16 j 14:56	12°♋25'03	-4°-23'-3
minimum elong	-1132 Jul 16 j 18:16	12°♋17'41	4°22'38
morning rise	-1132 Jul 23 j 20:29	7°♋31'31	
direct	-1132 Jul 26 j 07:18	7°♋06'46	
morning max el	-1132 Aug 02 j 07:39	10°♋35'50	18°00'17
asc. node	-1132 Aug 03 j 03:45	11°♋27'08	
	-1132 Aug 15 j 03:22	0°♌	
morning set	-1132 Aug 18 j 05:37	5°♌39'54	
superior conj	-1132 Aug 28 j 13:48	24°♌21'43	1°28'04
minimum elong	-1132 Aug 28 j 18:13	24°♌41'05	1°27'41
	-1132 Aug 31 j 19:54	0°♍	
max. Earth dist.	-1132 Sep 05 j 02:10	7°♍10'41	1.42145 AU
evening rise	-1132 Sep 11 j 09:15	17°♍23'27	
desc. node	-1132 Sep 12 j 14:17	19°♍18'17	
	-1132 Sep 19 j 12:36	0°♎	
greatest brilliancy	-1132 Oct 09 j 04:14	27°♎31'01	-0.3m
	-1132 Oct 11 j 06:32	0°♏	
evening max el	-1132 Oct 13 j 21:45	2°♏51'10	22°12'20
retrograde	-1132 Oct 23 j 08:27	8°♏28'15	
evening set	-1132 Oct 27 j 18:43	6°♏42'59	
asc. node	-1132 Oct 30 j 02:56	4°♏22'30	
inferior conj	-1132 Nov 02 j 03:55	0°♏22'55	1°02'03
minimum elong	-1132 Nov 02 j 02:31	0°♏27'45	1°01'27
min. Earth dist.	-1132 Nov 02 j 04:10	0°♏22'03	0.67562 AU
	-1132 Nov 02 j 10:32	30°℞♎	
morning rise	-1132 Nov 07 j 10:08	24°♎07'55	
direct	-1132 Nov 12 j 01:50	22°♎13'10	
morning max el	-1132 Nov 21 j 16:48	27°♎55'50	22°30'28
	-1132 Nov 23 j 15:32	0°♏	
greatest brilliancy	-1132 Nov 26 j 08:20	3°♏08'46	-0.3m
desc. node	-1132 Dec 09 j 13:35	21°♏07'12	
	-1132 Dec 15 j 12:19	0°♐	
morning set	-1132 Dec 25 j 07:54	15°♐28'24	
max. Earth dist.	-1132 Dec 30 j 13:24	24°♐10'02	1.40544 AU
	-1131 Jan 02 j 22:53	0°♑	
superior conj	-1131 Jan 07 j 08:42	7°♑48'37	-1°-59'-34
minimum elong	-1131 Jan 07 j 09:35	7°♑52'39	1°59'35
evening rise	-1131 Jan 17 j 09:52	26°♑27'36	
	-1131 Jan 19 j 07:02	0°♒	
asc. node	-1131 Jan 26 j 02:15	12°♒11'59	
evening max el	-1131 Feb 02 j 14:54	22°♒24'39	18°20'42
retrograde	-1131 Feb 09 j 20:55	26°♒00'04	
evening set	-1131 Feb 12 j 08:45	25°♒35'43	
inferior conj	-1131 Feb 19 j 13:55	20°♒56'37	3°33'54
minimum elong	-1131 Feb 19 j 16:50	20°♒50'28	3°33'28
min. Earth dist.	-1131 Feb 22 j 23:57	18°♒05'30	0.59287 AU
morning rise	-1131 Feb 26 j 21:23	15°♒24'25	
direct	-1131 Mar 05 j 06:28	13°♒35'48	
desc. node	-1131 Mar 07 j 12:44	13°♒49'06	
morning max el	-1131 Mar 19 j 13:34	21°♒17'13	27°04'25
	-1131 Mar 27 j 03:46	0°♓	
	-1131 Apr 14 j 13:00	0°♈	
morning set	-1131 Apr 19 j 00:42	9°♈03'27	
asc. node	-1131 Apr 24 j 01:36	19°♈50'14	
superior conj	-1131 Apr 26 j 03:44	24°♈24'41	0°21'56
minimum elong	-1131 Apr 26 j 02:46	24°♈19'22	0°21'45
max. Earth dist.	-1131 Apr 25 j 20:53	23°♈47'04	1.32401 AU
	-1131 Apr 28 j 16:57	0°♉	
evening rise	-1131 May 03 j 02:55	9°♉29'06	
	-1131 May 13 j 18:44	0°♊	
evening max el	-1131 May 31 j 20:20	24°♊35'14	26°12'14
desc. node	-1131 Jun 03 j 11:57	26°♊55'38	
	-1131 Jun 08 j 02:11	0°♋	
retrograde	-1131 Jun 14 j 21:43	1°♋49'50	
evening set	-1131 Jun 21 j 05:04	0°♋11'44	
	-1131 Jun 21 j 14:06	30°℞♊	
min. Earth dist.	-1131 Jun 25 j 09:18	27°♊33'09	0.59280 AU
inferior conj	-1131 Jun 28 j 17:38	24°♊59'33	-4°-37'-54
minimum elong	-1131 Jun 28 j 17:59	24°♊58'53	4°37'54
morning rise	-1131 Jul 06 j 10:26	20°♊28'28	
direct	-1131 Jul 08 j 21:46	20°♊07'17	
morning max el	-1131 Jul 16 j 16:43	23°♊51'06	18°26'00
asc. node	-1131 Jul 21 j 00:50	28°♊58'46	
	-1131 Jul 21 j 18:00	0°♋	
morning set	-1131 Aug 01 j 18:17	19°♋23'05	
	-1131 Aug 07 j 07:27	0°♌	
superior conj	-1131 Aug 10 j 21:54	6°♌44'47	1°43'22
minimum elong	-1131 Aug 11 j 00:07	6°♌54'57	1°43'17
max. Earth dist.	-1131 Aug 18 j 07:32	19°♌59'34	1.40248 AU
evening rise	-1131 Aug 22 j 19:36	27°♌37'37	
	-1131 Aug 24 j 06:06	0°♍	
desc. node	-1131 Aug 30 j 11:18	9°♍55'49	
	-1131 Sep 13 j 03:19	0°♎	
evening max el	-1131 Sep 26 j 11:59	16°♎21'32	23°32'24
retrograde	-1131 Oct 07 j 01:18	22°♎35'28	
evening set	-1131 Oct 12 j 01:22	20°♎31'39	
asc. node	-1131 Oct 16 j 23:59	14°♎45'47	
inferior conj	-1131 Oct 17 j 10:48	14°♎08'48	0°09'20
minimum elong	-1131 Oct 17 j 10:35	14°♎09'34	0°09'13
transit middle	-1131 Oct 17 j 10:35	14°♎09'34	0°09'13
transit begin	-1131 Oct 17 j 08:21	14°♎17'13	
transit end	-1131 Oct 17 j 12:49	14°♎01'55	
min. Earth dist.	-1131 Oct 17 j 00:45	14°♎43'11	0.67552 AU
morning rise	-1131 Oct 22 j 19:52	7°♎57'38	
direct	-1131 Oct 26 j 21:32	6°♎24'51	
morning max el	-1131 Nov 04 j 09:14	11°♎23'06	21°08'51
greatest brilliancy	-1131 Nov 09 j 19:54	17°♎42'01	-0.5m
	-1131 Nov 18 j 18:28	0°♏	
desc. node	-1131 Nov 26 j 10:37	11°♏21'34	
morning set	-1131 Dec 04 j 16:58	24°♏04'42	
	-1131 Dec 08 j 10:46	0°♐	
max. Earth dist.	-1131 Dec 12 j 16:27	6°♐50'45	1.42479 AU
superior conj	-1131 Dec 19 j 20:07	18°♐47'24	-1°-56'-10
minimum elong	-1131 Dec 19 j 16:56	18°♐33'48	1°56'05
	-1131 Dec 26 j 06:44	0°♑	
evening rise	-1131 Dec 31 j 08:02	9°♑02'34	
asc. node	-1130 Jan 12 j 23:18	0°♒27'43	
	-1130 Jan 12 j 15:32	0°♒	
evening max el	-1130 Jan 17 j 01:26	5°♒26'39	18°07'56
retrograde	-1130 Jan 23 j 17:29	8°♒52'28	
evening set	-1130 Jan 26 j 09:16	8°♒19'52	
inferior conj	-1130 Feb 02 j 00:42	3°♒18'48	3°53'10
minimum elong	-1130 Feb 02 j 01:12	3°♒17'34	3°53'08
min. Earth dist.	-1130 Feb 05 j 02:46	0°♒20'32	0.61369 AU
	-1130 Feb 05 j 11:45	30°℞♑	
morning rise	-1130 Feb 08 j 14:37	27°♑29'43	
direct	-1130 Feb 15 j 12:33	25°♑07'04	
desc. node	-1130 Feb 22 j 09:48	27°♑11'31	
	-1130 Feb 26 j 10:00	0°♒	
morning max el	-1130 Mar 01 j 15:19	2°♒54'59	27°41'26
	-1130 Mar 21 j 13:59	0°♓	
morning set	-1130 Apr 03 j 06:28	23°♓40'31	
	-1130 Apr 06 j 07:10	0°♈	
max. Earth dist.	-1130 Apr 09 j 08:33	6°♈34'18	1.32549 AU
superior conj	-1130 Apr 10 j 14:37	9°♈17'58	0°-3'-32
minimum elong	-1130 Apr 10 j 14:47	9°♈18'50	0°03'31

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

behind sun begin	-1130 Apr 10 j 09:48	8°♈51'43	
behind sun end	-1130 Apr 10 j 19:45	9°♈45'59	
asc. node	-1130 Apr 10 j 22:39	10°♈01'47	
evening rise	-1130 Apr 17 j 14:07	24°♈24'35	
	-1130 Apr 20 j 06:48	0°♉	
	-1130 May 08 j 11:01	0°♊	
evening max el	-1130 May 13 j 13:52	5°♊37'01	24°52'57
desc. node	-1130 May 21 j 09:00	11°♊14'46	
retrograde	-1130 May 27 j 13:39	12°♊42'46	
evening set	-1130 Jun 01 j 16:18	11°♊43'16	
min. Earth dist.	-1130 Jun 07 j 01:33	8°♊52'30	0.57330 AU
inferior conj	-1130 Jun 10 j 00:56	6°♊54'18	-4°-22'-8
minimum elong	-1130 Jun 09 j 20:56	7°♊00'59	4°21'38
morning rise	-1130 Jun 18 j 05:27	2°♊44'26	
direct	-1130 Jun 20 j 18:35	2°♊25'45	
morning max el	-1130 Jun 29 j 18:02	6°♊36'54	19°12'27
asc. node	-1130 Jul 07 j 21:54	17°♊19'00	
	-1130 Jul 14 j 20:40	0°♋	
morning set	-1130 Jul 16 j 16:28	3°♋35'35	
superior conj	-1130 Jul 24 j 23:58	20°♋02'28	1°47'50
minimum elong	-1130 Jul 25 j 00:00	20°♋02'38	1°47'52
	-1130 Jul 30 j 06:10	0°♌	
max. Earth dist.	-1130 Jul 31 j 10:30	2°♌09'56	1.38250 AU
evening rise	-1130 Aug 04 j 07:10	9°♌03'48	
desc. node	-1130 Aug 17 j 08:18	0°♍22'30	
	-1130 Aug 17 j 02:25	0°♍	
evening max el	-1130 Sep 08 j 23:42	29°♍54'58	24°51'00
	-1130 Sep 09 j 01:44	0°♎	
retrograde	-1130 Sep 20 j 14:07	6°♎39'53	
evening set	-1130 Sep 26 j 05:06	4°♎17'58	
	-1130 Sep 30 j 02:31	30°℞♍	
min. Earth dist.	-1130 Sep 30 j 19:34	29°♍04'22	0.67229 AU
inferior conj	-1130 Oct 01 j 16:11	27°♍56'07	0°-45'-26
minimum elong	-1130 Oct 01 j 17:18	27°♍52'25	0°44'58
asc. node	-1130 Oct 03 j 21:03	25°♍07'07	
morning rise	-1130 Oct 07 j 05:55	21°♍51'44	
direct	-1130 Oct 10 j 19:16	20°♍38'48	
morning max el	-1130 Oct 18 j 09:14	25°♍00'19	19°58'24
	-1130 Oct 22 j 16:37	0°♎	
greatest brilliancy	-1130 Oct 25 j 18:43	4°♎07'05	-0.6m
	-1130 Nov 12 j 03:12	0°♏	
desc. node	-1130 Nov 13 j 07:37	1°♏49'41	
morning set	-1130 Nov 13 j 13:44	2°♏13'20	
max. Earth dist.	-1130 Nov 25 j 03:21	20°♏22'03	1.43964 AU
superior conj	-1130 Nov 30 j 04:35	28°♏30'18	-1°-36'-3
minimum elong	-1130 Nov 29 j 21:16	28°♏00'33	1°35'27
	-1130 Dec 01 j 02:35	0°♐	
evening rise	-1130 Dec 13 j 12:13	20°♐47'05	
	-1130 Dec 18 j 21:27	0°♑	
asc. node	-1130 Dec 30 j 20:19	17°♑55'34	
evening max el	-1130 Dec 31 j 13:53	18°♑41'50	18°14'30
retrograde	-1129 Jan 07 j 01:54	22°♑11'16	
evening set	-1129 Jan 09 j 21:43	21°♑29'35	
inferior conj	-1129 Jan 16 j 02:36	16°♑07'50	3°49'23
minimum elong	-1129 Jan 16 j 01:10	16°♑11'45	3°49'15
min. Earth dist.	-1129 Jan 18 j 14:48	13°♑24'06	0.63278 AU
morning rise	-1129 Jan 22 j 02:55	10°♑07'29	
direct	-1129 Jan 29 j 02:55	7°♑23'13	
desc. node	-1129 Feb 09 j 06:49	12°♑45'11	
morning max el	-1129 Feb 11 j 22:20	15°♑12'42	27°41'42
	-1129 Feb 24 j 01:10	0°♒	
	-1129 Mar 14 j 04:18	0°♓	
morning set	-1129 Mar 18 j 06:01	7°♓55'48	
max. Earth dist.	-1129 Mar 23 j 15:02	19°♓01'25	1.33077 AU
superior conj	-1129 Mar 25 j 22:53	23°♓59'38	0°-29'-49
minimum elong	-1129 Mar 26 j 00:18	24°♓07'11	0°29'33
asc. node	-1129 Mar 28 j 19:40	0°♈10'45	
	-1129 Mar 28 j 17:41	0°♈	
evening rise	-1129 Apr 02 j 01:52	9°♈17'52	
	-1129 Apr 12 j 21:52	0°♉	
evening max el	-1129 Apr 25 j 04:44	16°♉14'57	23°19'28
desc. node	-1129 May 08 j 06:01	22°♉58'46	
retrograde	-1129 May 08 j 17:19	22°♉59'17	
evening set	-1129 May 12 j 09:58	22°♉29'20	
min. Earth dist.	-1129 May 19 j 14:52	19°♉12'51	0.55820 AU
inferior conj	-1129 May 21 j 12:25	18°♉05'44	-3°-24'-35
minimum elong	-1129 May 21 j 05:33	18°♉15'53	3°22'53
morning rise	-1129 May 30 j 04:29	14°♉10'01	
direct	-1129 Jun 01 j 20:21	13°♉52'44	
morning max el	-1129 Jun 12 j 09:21	18°♉45'30	20°19'38
	-1129 Jun 21 j 03:40	0°♊	
asc. node	-1129 Jun 24 j 18:56	6°♊16'32	
morning set	-1129 Jun 30 j 21:14	18°♊09'50	
	-1129 Jul 06 j 15:39	0°♋	
superior conj	-1129 Jul 08 j 15:00	4°♋00'50	1°43'50
minimum elong	-1129 Jul 08 j 13:30	3°♋53'12	1°43'46
max. Earth dist.	-1129 Jul 13 j 16:10	13°♋59'33	1.36394 AU
evening rise	-1129 Jul 17 j 17:03	21°♋35'45	
	-1129 Jul 22 j 09:54	0°♌	
desc. node	-1129 Aug 04 j 05:20	20°♌33'00	
	-1129 Aug 10 j 22:43	0°♍	
evening max el	-1129 Aug 22 j 10:56	13°♍30'12	26°00'34
retrograde	-1129 Sep 03 j 22:23	20°♍36'57	
evening set	-1129 Sep 10 j 04:03	18°♍00'08	
min. Earth dist.	-1129 Sep 14 j 10:17	13°♍23'32	0.66574 AU
inferior conj	-1129 Sep 15 j 18:18	11°♍43'01	-1°-40'-37
minimum elong	-1129 Sep 15 j 20:47	11°♍35'11	1°39'37
asc. node	-1129 Sep 20 j 18:06	6°♍22'36	
morning rise	-1129 Sep 21 j 14:23	5°♍48'25	
direct	-1129 Sep 24 j 17:33	4°♍52'02	
morning max el	-1129 Oct 01 j 16:25	8°♍46'33	19°02'16
	-1129 Oct 16 j 21:03	0°♎	
morning set	-1129 Oct 23 j 22:46	11°♎05'07	
desc. node	-1129 Oct 31 j 04:38	22°♎27'33	
	-1129 Nov 04 j 23:54	0°♏	
max. Earth dist.	-1129 Nov 07 j 19:29	4°♏25'49	1.44813 AU
superior conj	-1129 Nov 09 j 13:01	7°♏09'37	0°-58'-19
minimum elong	-1129 Nov 09 j 06:00	6°♏41'58	0°57'29
	-1129 Nov 23 j 19:07	0°♐	
evening rise	-1129 Nov 24 j 18:17	1°♐34'20	
	-1129 Dec 13 j 05:07	0°♑	
evening max el	-1129 Dec 15 j 01:38	2°♑04'36	18°39'28
asc. node	-1129 Dec 17 j 17:21	4°♑22'18	
retrograde	-1129 Dec 21 j 17:52	5°♑48'27	
evening set	-1129 Dec 24 j 18:42	4°♑56'27	
	-1129 Dec 30 j 01:12	30°℞♐	
inferior conj	-1129 Dec 30 j 15:47	29°♐16'27	3°29'15
minimum elong	-1129 Dec 30 j 13:14	29°♐24'06	3°28'47
min. Earth dist.	-1128 Jan 01 j 12:48	27°♐01'36	0.64871 AU
morning rise	-1128 Jan 05 j 06:36	23°♐08'30	
direct	-1128 Jan 12 j 00:25	20°♐17'21	
morning max el	-1128 Jan 25 j 07:53	28°♐00'39	27°07'44
desc. node	-1128 Jan 27 j 03:51	29°♐54'43	
	-1128 Jan 27 j 05:48	0°♑	
	-1128 Feb 17 j 18:32	0°♒	
morning set	-1128 Feb 29 j 20:17	21°♒39'02	
	-1128 Mar 05 j 01:18	0°♓	
max. Earth dist.	-1128 Mar 05 j 12:19	0°♓56'03	1.34027 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1128 Mar 09 j 02:34	8°♓22'43	0°-55'-53
minimum elong	-1128 Mar 09 j 05:09	8°♓36'19	0°55'26
asc. node	-1128 Mar 14 j 16:42	20°♓12'28	
evening rise	-1128 Mar 16 j 12:23	24°♓01'55	
	-1128 Mar 19 j 10:15	0°♈	
evening max el	-1128 Apr 05 j 23:50	26°♈57'59	21°46'23
	-1128 Apr 09 j 15:58	0°♉	
retrograde	-1128 Apr 18 j 10:09	3°♉01'17	
evening set	-1128 Apr 21 j 00:33	2°♉46'07	
desc. node	-1128 Apr 24 j 03:02	1°♉51'43	
	-1128 Apr 28 j 01:52	30°℞♈	
inferior conj	-1128 Apr 30 j 09:37	28°♈42'49	-1°-45'-18
minimum elong	-1128 Apr 30 j 04:49	28°♈49'34	1°43'42
min. Earth dist.	-1128 Apr 30 j 04:04	28°♈50'37	0.55074 AU
morning rise	-1128 May 09 j 10:04	24°♈45'27	
direct	-1128 May 12 j 08:46	24°♈26'17	
	-1128 May 24 j 08:41	0°♉	
morning max el	-1128 May 24 j 13:42	0°♉11'33	21°45'23
asc. node	-1128 Jun 10 j 15:59	25°♉41'25	
	-1128 Jun 12 j 19:35	0°♊	
morning set	-1128 Jun 14 j 06:15	2°♊58'15	
superior conj	-1128 Jun 21 j 15:00	18°♊27'00	1°33'18
minimum elong	-1128 Jun 21 j 12:40	18°♊14'46	1°33'04
max. Earth dist.	-1128 Jun 25 j 05:40	25°♊53'32	1.34851 AU
	-1128 Jun 27 j 06:49	0°♋	
evening rise	-1128 Jun 29 j 20:08	4°♋59'18	
	-1128 Jul 14 j 04:10	0°♌	
desc. node	-1128 Jul 21 j 02:23	10°♌19'04	
evening max el	-1128 Aug 03 j 22:34	27°♌01'02	26°53'26
	-1128 Aug 07 j 07:41	0°♍	
retrograde	-1128 Aug 17 j 01:38	4°♍19'11	
evening set	-1128 Aug 23 j 19:56	1°♍34'09	
	-1128 Aug 25 j 13:11	30°℞♌	
min. Earth dist.	-1128 Aug 27 j 18:37	27°♌35'25	0.65558 AU
inferior conj	-1128 Aug 29 j 15:06	25°♌25'34	-2°-34'-17
minimum elong	-1128 Aug 29 j 18:48	25°♌14'44	2°32'59
morning rise	-1128 Sep 04 j 19:01	19°♌43'49	
asc. node	-1128 Sep 06 j 15:08	19°♌05'29	
direct	-1128 Sep 07 j 14:26	19°♌00'15	
morning max el	-1128 Sep 14 j 04:52	22°♌36'59	18°22'15
	-1128 Sep 20 j 01:13	0°♍	
morning set	-1128 Oct 03 j 10:43	21°♍17'37	
	-1128 Oct 08 j 19:30	0°♎	
desc. node	-1128 Oct 17 j 01:42	13°♎11'28	
superior conj	-1128 Oct 18 j 13:25	15°♎32'41	0°-9'-41
minimum elong	-1128 Oct 18 j 12:09	15°♎27'40	0°09'32
behind sun begin	-1128 Oct 18 j 02:58	14°♎51'24	
behind sun end	-1128 Oct 18 j 21:20	16°♎03'54	
max. Earth dist.	-1128 Oct 20 j 13:48	18°♎43'21	1.44935 AU
	-1128 Oct 27 j 18:15	0°♏	
evening rise	-1128 Nov 04 j 00:21	11°♏22'12	
	-1128 Nov 15 j 23:18	0°♐	
greatest brilliancy	-1128 Nov 18 j 01:52	3°♐10'47	-0.7m
evening max el	-1128 Nov 27 j 10:27	15°♐31'30	19°21'31
asc. node	-1128 Dec 03 j 14:22	19°♐33'11	
retrograde	-1128 Dec 04 j 13:55	19°♐38'36	
evening set	-1128 Dec 07 j 21:29	18°♐34'28	
inferior conj	-1128 Dec 13 j 13:00	12°♐39'09	2°57'30
minimum elong	-1128 Dec 13 j 10:06	12°♐48'28	2°56'43
min. Earth dist.	-1128 Dec 14 j 19:39	11°♐00'34	0.66091 AU
morning rise	-1128 Dec 18 j 21:54	6°♐26'18	
direct	-1128 Dec 25 j 04:15	3°♐41'33	
morning max el	-1127 Jan 06 j 17:21	11°♐06'07	26°06'32
desc. node	-1127 Jan 13 j 00:53	18°♐12'27	
	-1127 Jan 21 j 20:04	0°♑	
	-1127 Feb 09 j 08:33	0°♒	
morning set	-1127 Feb 11 j 21:17	4°♒37'57	
max. Earth dist.	-1127 Feb 15 j 21:42	12°♒15'44	1.35434 AU
superior conj	-1127 Feb 20 j 23:17	22°♒20'16	-1°-20'-19
minimum elong	-1127 Feb 21 j 02:44	22°♒37'49	1°19'50
	-1127 Feb 24 j 16:50	0°♓	
evening rise	-1127 Feb 28 j 19:44	8°♓30'40	
asc. node	-1127 Mar 01 j 13:44	10°♓02'32	
	-1127 Mar 12 j 13:34	0°♈	
evening max el	-1127 Mar 19 j 04:45	8°♈10'41	20°24'56
retrograde	-1127 Mar 29 j 23:45	13°♈20'47	
evening set	-1127 Apr 01 j 04:04	13°♈09'02	
inferior conj	-1127 Apr 10 j 05:17	9°♈11'23	0°13'18
minimum elong	-1127 Apr 10 j 05:54	9°♈10'29	0°13'05
transit middle	-1127 Apr 10 j 05:54	9°♈10'29	0°13'05
transit begin	-1127 Apr 10 j 03:36	9°♈13'51	
transit end	-1127 Apr 10 j 08:11	9°♈07'08	
desc. node	-1127 Apr 11 j 00:03	8°♈43'52	
min. Earth dist.	-1127 Apr 11 j 18:02	8°♈17'39	0.55277 AU
morning rise	-1127 Apr 19 j 05:35	4°♈53'43	
direct	-1127 Apr 22 j 21:18	4°♈24'37	
morning max el	-1127 May 06 j 08:48	11°♈00'27	23°23'28
	-1127 May 20 j 11:02	0°♉	
asc. node	-1127 May 28 j 13:03	15°♉26'31	
morning set	-1127 May 29 j 17:38	17°♉55'15	
	-1127 Jun 04 j 09:18	0°♊	
superior conj	-1127 Jun 05 j 21:01	3°♊11'49	1°17'44
minimum elong	-1127 Jun 05 j 18:28	2°♊58'12	1°17'22
max. Earth dist.	-1127 Jun 08 j 05:00	8°♊09'41	1.33691 AU
evening rise	-1127 Jun 13 j 11:49	19°♊01'17	
	-1127 Jun 19 j 05:30	0°♋	
desc. node	-1127 Jul 07 j 23:24	29°♋30'24	
	-1127 Jul 08 j 08:30	0°♌	
evening max el	-1127 Jul 17 j 09:54	10°♌17'35	27°22'07
retrograde	-1127 Jul 30 j 23:10	17°♌38'23	
evening set	-1127 Aug 07 j 01:52	14°♌55'23	
min. Earth dist.	-1127 Aug 10 j 18:27	11°♌32'26	0.64177 AU
inferior conj	-1127 Aug 13 j 04:12	8°♌58'59	-3°-23'-48
minimum elong	-1127 Aug 13 j 08:39	8°♌47'10	3°22'34
morning rise	-1127 Aug 19 j 17:16	3°♌33'18	
direct	-1127 Aug 22 j 07:29	2°♌59'05	
asc. node	-1127 Aug 24 j 12:13	3°♌23'51	
morning max el	-1127 Aug 28 j 20:00	6°♌26'09	17°59'20
	-1127 Sep 13 j 10:24	0°♍	
morning set	-1127 Sep 15 j 02:01	2°♍49'11	
superior conj	-1127 Sep 28 j 03:41	24°♍39'31	0°37'23
minimum elong	-1127 Sep 28 j 07:42	24°♍55'48	0°36'51
	-1127 Oct 01 j 11:08	0°♎	
max. Earth dist.	-1127 Oct 03 j 07:23	2°♎56'43	1.44335 AU
desc. node	-1127 Oct 03 j 22:45	3°♎57'45	
evening rise	-1127 Oct 14 j 11:18	20°♎24'23	
	-1127 Oct 20 j 17:38	0°♏	
greatest brilliancy	-1127 Nov 04 j 02:57	21°♏05'36	-0.6m
evening max el	-1127 Nov 10 j 14:28	28°♏59'21	20°18'46
	-1127 Nov 11 j 15:01	0°♐	
retrograde	-1127 Nov 18 j 11:24	3°♐37'15	
asc. node	-1127 Nov 20 j 11:25	3°♐14'18	
evening set	-1127 Nov 22 j 03:45	2°♐18'41	
	-1127 Nov 24 j 15:19	30°℞♏	
inferior conj	-1127 Nov 27 j 15:33	26°♏11'05	2°17'18
minimum elong	-1127 Nov 27 j 12:54	26°♏20'00	2°16'23
min. Earth dist.	-1127 Nov 28 j 09:20	25°♏11'11	0.66938 AU
morning rise	-1127 Dec 02 j 21:32	19°♏55'44	
direct	-1127 Dec 08 j 13:25	17°♏26'55	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning max el	-1127 Dec 20 j 01:46	24°♏18'28	24°47'26
	-1127 Dec 25 j 04:39	0°♐	
desc. node	-1127 Dec 30 j 21:57	7°♐17'55	
	-1126 Jan 15 j 06:49	0°♑	
morning set	-1126 Jan 25 j 03:31	16°♑36'15	
max. Earth dist.	-1126 Jan 28 j 20:39	23°♑17'55	1.37260 AU
	-1126 Feb 01 j 10:42	0°♒	
superior conj	-1126 Feb 04 j 09:53	5°♒42'46	-1°-41'-7
minimum elong	-1126 Feb 04 j 13:28	6°♒00'17	1°40'47
evening rise	-1126 Feb 12 j 21:41	22°♒36'58	
asc. node	-1126 Feb 16 j 10:46	29°♒35'10	
	-1126 Feb 16 j 15:56	0°♓	
evening max el	-1126 Mar 01 j 20:41	20°♓00'26	19°21'02
retrograde	-1126 Mar 10 j 23:15	24°♓22'09	
evening set	-1126 Mar 13 j 04:37	24°♓07'42	
inferior conj	-1126 Mar 21 j 13:08	19°♓59'36	1°58'05
minimum elong	-1126 Mar 21 j 17:21	19°♓52'38	1°56'49
min. Earth dist.	-1126 Mar 24 j 08:52	18°♓08'24	0.56378 AU
desc. node	-1126 Mar 28 j 21:06	15°♓39'41	
morning rise	-1126 Mar 30 j 02:15	15°♓10'55	
direct	-1126 Apr 03 j 20:11	14°♓19'21	
morning max el	-1126 Apr 17 j 23:31	21°♓31'26	25°02'39
	-1126 Apr 25 j 08:29	0°♈	
	-1126 May 12 j 20:05	0°♉	
morning set	-1126 May 14 j 05:43	2°♉55'15	
asc. node	-1126 May 15 j 10:07	5°♉25'39	
superior conj	-1126 May 21 j 06:45	18°♉07'41	0°58'16
minimum elong	-1126 May 21 j 04:31	17°♉55'32	0°57'54
max. Earth dist.	-1126 May 22 j 12:29	20°♉49'10	1.32907 AU
	-1126 May 26 j 19:44	0°♊	
evening rise	-1126 May 28 j 12:21	3°♊30'08	
	-1126 Jun 12 j 00:09	0°♋	
desc. node	-1126 Jun 24 j 20:24	17°♋52'41	
evening max el	-1126 Jun 29 j 18:46	23°♋07'07	27°20'40
	-1126 Jul 10 j 11:21	0°♌	
retrograde	-1126 Jul 13 j 14:13	0°♌26'08	
	-1126 Jul 16 j 14:47	30°℞♋	
evening set	-1126 Jul 20 j 18:16	27°♋58'02	
min. Earth dist.	-1126 Jul 24 j 08:14	25°♋03'55	0.62453 AU
inferior conj	-1126 Jul 27 j 06:45	22°♋16'58	-4°-5'-12
minimum elong	-1126 Jul 27 j 10:55	22°♋07'01	4°04'25
morning rise	-1126 Aug 03 j 06:01	17°♋10'45	
direct	-1126 Aug 05 j 17:32	16°♋43'03	
asc. node	-1126 Aug 11 j 09:19	19°♋09'34	
morning max el	-1126 Aug 12 j 11:08	20°♋08'35	17°54'31
	-1126 Aug 19 j 18:54	0°♌	
morning set	-1126 Aug 28 j 15:17	15°♌24'10	
	-1126 Sep 05 j 21:17	0°♍	
superior conj	-1126 Sep 08 j 20:23	5°♍05'17	1°13'28
minimum elong	-1126 Sep 09 j 01:33	5°♍27'16	1°12'54
max. Earth dist.	-1126 Sep 15 j 21:42	16°♍49'43	1.43092 AU
desc. node	-1126 Sep 20 j 19:47	24°♍43'32	
evening rise	-1126 Sep 23 j 18:12	29°♍20'10	
	-1126 Sep 24 j 04:26	0°♎	
	-1126 Oct 14 j 11:07	0°♏	
greatest brilliancy	-1126 Oct 19 j 11:52	6°♏39'23	-0.4m
evening max el	-1126 Oct 24 j 12:41	12°♏27'26	21°28'18
retrograde	-1126 Nov 02 j 08:19	17°♏41'45	
evening set	-1126 Nov 06 j 11:33	16°♏06'34	
asc. node	-1126 Nov 07 j 08:29	15°♏21'51	
inferior conj	-1126 Nov 11 j 21:16	9°♏50'00	1°30'55
minimum elong	-1126 Nov 11 j 19:19	9°♏56'44	1°30'07
min. Earth dist.	-1126 Nov 12 j 03:34	9°♏28'16	0.67432 AU
morning rise	-1126 Nov 17 j 02:47	3°♏34'22	
direct	-1126 Nov 22 j 03:13	1°♏26'47	
morning max el	-1126 Dec 02 j 10:52	7°♏35'17	23°20'27
greatest brilliancy	-1126 Dec 07 j 18:57	13°♏35'52	-0.2m
desc. node	-1126 Dec 17 j 19:02	26°♏57'30	
	-1126 Dec 19 j 21:46	0°♐	
morning set	-1125 Jan 06 j 08:46	27°♐17'59	
	-1125 Jan 07 j 23:07	0°♑	
max. Earth dist.	-1125 Jan 10 j 16:06	4°♑39'40	1.39342 AU
superior conj	-1125 Jan 18 j 06:18	18°♑19'38	-1°-55'-33
minimum elong	-1125 Jan 18 j 08:43	18°♑30'50	1°55'28
	-1125 Jan 24 j 10:03	0°♒	
evening rise	-1125 Jan 27 j 15:36	6°♒14'14	
asc. node	-1125 Feb 03 j 07:48	18°♒44'27	
	-1125 Feb 10 j 17:01	0°♓	
evening max el	-1125 Feb 12 j 22:01	2°♓24'21	18°36'52
retrograde	-1125 Feb 20 j 17:03	6°♓12'17	
evening set	-1125 Feb 23 j 02:28	5°♓52'03	
inferior conj	-1125 Mar 02 j 16:56	1°♓24'51	3°09'11
minimum elong	-1125 Mar 02 j 21:01	1°♓16'59	3°08'21
	-1125 Mar 04 j 12:45	30°℞♒	
min. Earth dist.	-1125 Mar 06 j 02:11	28°♒49'33	0.58124 AU
morning rise	-1125 Mar 10 j 11:39	26°♒06'07	
desc. node	-1125 Mar 15 j 18:09	24°♒40'57	
direct	-1125 Mar 16 j 08:15	24°♒40'05	
	-1125 Mar 28 j 05:14	0°♓	
morning max el	-1125 Mar 30 j 16:10	2°♓13'34	26°27'40
	-1125 Apr 19 j 12:40	0°♈	
morning set	-1125 Apr 28 j 16:47	17°♈51'55	
asc. node	-1125 May 02 j 07:10	25°♈33'18	
	-1125 May 04 j 08:03	0°♉	
superior conj	-1125 May 05 j 18:16	3°♉07'36	0°35'52
minimum elong	-1125 May 05 j 16:45	2°♉59'16	0°35'34
max. Earth dist.	-1125 May 06 j 00:36	3°♉42'22	1.32484 AU
evening rise	-1125 May 12 j 18:47	18°♉15'40	
	-1125 May 18 j 15:50	0°♊	
	-1125 Jun 07 j 00:03	0°♋	
desc. node	-1125 Jun 11 j 17:26	5°♋04'42	
evening max el	-1125 Jun 11 j 22:18	5°♋16'22	26°46'13
retrograde	-1125 Jun 25 j 21:49	12°♋33'02	
evening set	-1125 Jul 02 j 16:39	10°♋33'17	
min. Earth dist.	-1125 Jul 06 j 11:46	7°♋54'28	0.60469 AU
inferior conj	-1125 Jul 09 j 19:10	5°♋09'59	-4°-32'-20
minimum elong	-1125 Jul 09 j 21:28	5°♋05'10	4°32'09
morning rise	-1125 Jul 17 j 05:27	0°♋26'02	
direct	-1125 Jul 19 j 16:26	0°♋02'52	
morning max el	-1125 Jul 26 j 23:18	3°♋36'23	18°08'48
asc. node	-1125 Jul 29 j 06:24	6°♋06'58	
morning set	-1125 Aug 11 j 20:44	28°♋45'46	
	-1125 Aug 12 j 12:34	0°♌	
superior conj	-1125 Aug 21 j 15:33	16°♌49'42	1°36'03
minimum elong	-1125 Aug 21 j 19:05	17°♌05'34	1°35'48
	-1125 Aug 29 j 05:16	0°♍	
max. Earth dist.	-1125 Aug 29 j 06:22	0°♍04'39	1.41366 AU
evening rise	-1125 Sep 03 j 15:02	8°♍55'40	
desc. node	-1125 Sep 07 j 16:48	15°♍24'59	
	-1125 Sep 17 j 07:26	0°♎	
greatest brilliancy	-1125 Oct 02 j 06:31	20°♎23'03	-0.3m
evening max el	-1125 Oct 07 j 05:11	25°♎55'29	22°46'05
	-1125 Oct 12 j 00:28	0°♏	
retrograde	-1125 Oct 17 j 03:04	1°♏48'43	
evening set	-1125 Oct 21 j 19:07	29°♎55'20	
	-1125 Oct 21 j 16:49	30°℞♎	
asc. node	-1125 Oct 25 j 05:33	26°♎11'26	
inferior conj	-1125 Oct 27 j 04:13	23°♎33'29	0°40'02

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1125 Oct 27 j 03:17	23°♎36'41	0°39'37
min. Earth dist.	-1125 Oct 26 j 23:58	23°♎48'09	0.67596 AU
morning rise	-1125 Nov 01 j 11:25	17°♎19'59	
direct	-1125 Nov 05 j 20:54	15°♎34'58	
morning max el	-1125 Nov 14 j 23:52	20°♎58'04	21°54'45
greatest brilliancy	-1125 Nov 19 j 19:09	26°♎24'37	-0.4m
	-1125 Nov 22 j 14:46	0°♏	
desc. node	-1125 Dec 04 j 16:05	17°♏01'09	
	-1125 Dec 13 j 04:44	0°♐	
morning set	-1125 Dec 17 j 08:56	6°♐35'46	
max. Earth dist.	-1125 Dec 23 j 15:05	16°♐48'33	1.41402 AU
superior conj	-1125 Dec 31 j 07:20	29°♐57'46	-1°-59'-55
minimum elong	-1125 Dec 31 j 06:41	29°♐54'56	1°59'58
	-1125 Dec 31 j 07:50	0°♑	
evening rise	-1124 Jan 10 j 22:07	19°♑14'42	
	-1124 Jan 16 j 19:31	0°♒	
asc. node	-1124 Jan 21 j 04:50	7°♒22'47	
evening max el	-1124 Jan 27 j 06:02	15°♒15'08	18°12'51
retrograde	-1124 Feb 03 j 05:00	18°♒45'10	
evening set	-1124 Feb 05 j 18:24	18°♒17'31	
inferior conj	-1124 Feb 12 j 17:19	13°♒28'54	3°45'23
minimum elong	-1124 Feb 12 j 19:13	13°♒24'39	3°45'12
min. Earth dist.	-1124 Feb 16 j 00:58	10°♒31'43	0.60170 AU
morning rise	-1124 Feb 19 j 16:52	7°♒48'18	
direct	-1124 Feb 26 j 08:32	5°♒44'18	
desc. node	-1124 Mar 01 j 15:12	6°♒32'18	
morning max el	-1124 Mar 11 j 14:36	13°♒29'39	27°24'41
	-1124 Mar 24 j 18:50	0°♓	
	-1124 Apr 10 j 18:06	0°♈	
morning set	-1124 Apr 12 j 01:06	2°♈39'08	
asc. node	-1124 Apr 18 j 04:11	15°♈45'13	
max. Earth dist.	-1124 Apr 18 j 13:31	16°♈36'14	1.32418 AU
superior conj	-1124 Apr 19 j 05:53	18°♈05'50	0°11'19
minimum elong	-1124 Apr 19 j 05:23	18°♈03'01	0°11'13
behind sun begin	-1124 Apr 19 j 01:49	17°♈43'29	
behind sun end	-1124 Apr 19 j 08:57	18°♈22'34	
	-1124 Apr 24 j 17:03	0°♉	
evening rise	-1124 Apr 26 j 04:50	3°♉10'09	
	-1124 May 10 j 16:22	0°♊	
evening max el	-1124 May 23 j 19:01	16°♊40'54	25°41'03
desc. node	-1124 May 28 j 14:25	20°♊37'38	
retrograde	-1124 Jun 06 j 20:31	23°♊53'30	
evening set	-1124 Jun 12 j 17:04	22°♊31'47	
min. Earth dist.	-1124 Jun 17 j 07:16	19°♊50'04	0.58421 AU
inferior conj	-1124 Jun 20 j 13:54	17°♊28'46	-4°-35'-43
minimum elong	-1124 Jun 20 j 12:28	17°♊31'23	4°35'38
morning rise	-1124 Jun 28 j 11:43	13°♊07'33	
direct	-1124 Jun 30 j 23:38	12°♊47'38	
morning max el	-1124 Jul 09 j 05:31	16°♊41'06	18°43'13
asc. node	-1124 Jul 15 j 03:28	24°♊01'10	
	-1124 Jul 18 j 19:05	0°♋	
morning set	-1124 Jul 25 j 13:49	12°♋42'28	
superior conj	-1124 Aug 03 j 08:01	29°♋38'23	1°46'27
minimum elong	-1124 Aug 03 j 09:14	29°♋44'10	1°46'25
	-1124 Aug 03 j 12:36	0°♌	
max. Earth dist.	-1124 Aug 10 j 09:44	12°♌34'12	1.39394 AU
evening rise	-1124 Aug 14 j 12:08	19°♌40'18	
	-1124 Aug 20 j 18:35	0°♍	
desc. node	-1124 Aug 24 j 13:48	5°♍58'21	
	-1124 Sep 10 j 12:37	0°♎	
evening max el	-1124 Sep 18 j 17:50	9°♎26'11	24°06'25
retrograde	-1124 Sep 29 j 18:26	15°♎55'05	
evening set	-1124 Oct 05 j 00:44	13°♎43'17	
inferior conj	-1124 Oct 10 j 10:39	7°♎20'05	0°-13'-46
minimum elong	-1124 Oct 10 j 10:59	7°♎18'58	0°13'38
transit middle	-1124 Oct 10 j 10:59	7°♎18'58	0°13'38
transit begin	-1124 Oct 10 j 09:30	7°♎24'00	
transit end	-1124 Oct 10 j 12:29	7°♎13'55	
min. Earth dist.	-1124 Oct 09 j 20:08	8°♎09'15	0.67449 AU
asc. node	-1124 Oct 11 j 02:37	6°♎26'17	
morning rise	-1124 Oct 15 j 21:29	1°♎11'22	
	-1124 Oct 18 j 05:42	30°℞♍	
direct	-1124 Oct 19 j 17:33	29°♍47'35	
	-1124 Oct 21 j 06:32	0°♎	
morning max el	-1124 Oct 27 j 19:27	4°♎29'34	20°37'15
greatest brilliancy	-1124 Nov 02 j 22:52	11°♎46'54	-0.5m
	-1124 Nov 15 j 16:22	0°♏	
desc. node	-1124 Nov 20 j 13:07	7°♏21'49	
morning set	-1124 Nov 25 j 09:54	14°♏51'32	
	-1124 Dec 04 j 23:28	0°♐	
max. Earth dist.	-1124 Dec 04 j 20:59	29°♏50'01	1.43168 AU
superior conj	-1124 Dec 11 j 07:30	10°♐24'11	-1°-49'-52
minimum elong	-1124 Dec 11 j 02:20	10°♐02'39	1°49'35
	-1124 Dec 22 j 16:57	0°♑	
evening rise	-1124 Dec 23 j 13:10	1°♑29'01	
asc. node	-1123 Jan 07 j 01:52	25°♑19'51	
evening max el	-1123 Jan 09 j 17:41	28°♑23'35	18°08'30
	-1123 Jan 11 j 13:32	0°♒	
retrograde	-1123 Jan 16 j 07:05	1°♒49'39	
evening set	-1123 Jan 19 j 00:24	1°♒13'28	
	-1123 Jan 21 j 02:51	30°℞♑	
inferior conj	-1123 Jan 25 j 11:01	26°♑03'41	3°53'55
minimum elong	-1123 Jan 25 j 10:37	26°♑04'44	3°53'54
min. Earth dist.	-1123 Jan 28 j 07:44	23°♑08'57	0.62205 AU
morning rise	-1123 Jan 31 j 18:36	20°♑09'06	
direct	-1123 Feb 07 j 18:37	17°♑35'08	
desc. node	-1123 Feb 16 j 12:15	20°♑54'55	
morning max el	-1123 Feb 21 j 18:52	25°♑25'25	27°46'01
	-1123 Feb 26 j 00:33	0°♒	
	-1123 Mar 18 j 04:50	0°♓	
morning set	-1123 Mar 27 j 04:32	17°♓08'22	
max. Earth dist.	-1123 Apr 01 j 23:18	29°♓16'01	1.32721 AU
	-1123 Apr 02 j 07:28	0°♈	
superior conj	-1123 Apr 03 j 15:53	2°♈55'21	0°-14'-37
minimum elong	-1123 Apr 03 j 16:34	2°♈59'03	0°14'29
behind sun begin	-1123 Apr 03 j 14:28	2°♈47'38	
behind sun end	-1123 Apr 03 j 18:40	3°♈10'27	
asc. node	-1123 Apr 05 j 01:12	5°♈56'24	
evening rise	-1123 Apr 10 j 16:28	18°♈05'34	
	-1123 Apr 16 j 13:56	0°♉	
evening max el	-1123 May 05 j 10:41	27°♉29'41	24°14'03
	-1123 May 08 j 07:26	0°♊	
desc. node	-1123 May 15 j 11:26	3°♊54'57	
retrograde	-1123 May 19 j 07:48	4°♊28'50	
evening set	-1123 May 23 j 19:35	3°♊43'50	
min. Earth dist.	-1123 May 29 j 22:10	0°♊43'14	0.56615 AU
	-1123 May 31 j 01:57	30°℞♉	
inferior conj	-1123 Jun 01 j 12:33	29°♉05'16	-4°-3'-16
minimum elong	-1123 Jun 01 j 06:55	29°♉14'12	4°02'16
morning rise	-1123 Jun 09 j 22:05	25°♉02'34	
direct	-1123 Jun 12 j 11:59	24°♉44'48	
morning max el	-1123 Jun 22 j 02:52	29°♉12'28	19°38'29
	-1123 Jun 22 j 22:30	0°♊	
asc. node	-1123 Jul 02 j 00:30	12°♊38'36	
morning set	-1123 Jul 09 j 15:07	27°♊05'03	
	-1123 Jul 11 j 01:52	0°♋	
superior conj	-1123 Jul 17 j 16:09	13°♋15'05	1°47'03
minimum elong	-1123 Jul 17 j 15:26	13°♋11'34	1°47'03

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

max. Earth dist.	-1123 Jul 23 j 12:43	24°♋31'04	1.37433 AU	
	-1123 Jul 26 j 12:21	0°♌		
evening rise	-1123 Jul 27 j 09:49	1°♌36'26		
desc. node	-1123 Aug 11 j 10:47	26°♌18'57		
	-1123 Aug 13 j 22:23	0°♍		
evening max el	-1123 Sep 01 j 05:12	23°♍01'17	25°22'14	
retrograde	-1123 Sep 13 j 05:29	29°♍57'05		
evening set	-1123 Sep 19 j 02:40	27°♍28'31		
min. Earth dist.	-1123 Sep 23 j 13:37	22°♍30'09	0.66987 AU	
inferior conj	-1123 Sep 24 j 14:54	21°♍08'05	-1°-8'-55	
minimum elong	-1123 Sep 24 j 16:36	21°♍02'33	1°08'12	
asc. node	-1123 Sep 27 j 23:40	17°♍05'08		
morning rise	-1123 Sep 30 j 07:07	15°♍07'12		
direct	-1123 Oct 03 j 15:49	14°♍01'42		
morning max el	-1123 Oct 10 j 22:35	18°♍10'53	19°32'34	
greatest brilliancy	-1123 Oct 19 j 17:22	29°♍23'36	-0.7m	
	-1123 Oct 20 j 03:27	0°♎		
morning set	-1123 Nov 04 j 09:02	23°♎10'37		
desc. node	-1123 Nov 07 j 10:08	27°♎54'44		
	-1123 Nov 08 j 18:17	0°♏		
max. Earth dist.	-1123 Nov 17 j 10:07	13°♏36'21	1.44406 AU	
superior conj	-1123 Nov 21 j 04:46	19°♏37'19	-1°-22'-1	
minimum elong	-1123 Nov 20 j 20:47	19°♏05'25	1°21'13	
	-1123 Nov 27 j 14:39	0°♐		
evening rise	-1123 Dec 05 j 08:21	12°♐49'42		
	-1123 Dec 15 j 16:41	0°♑		
evening max el	-1123 Dec 24 j 06:14	11°♑43'06	18°23'02	
asc. node	-1123 Dec 24 j 22:54	12°♑23'47		
retrograde	-1123 Dec 30 j 19:01	15°♑17'09		
evening set	-1122 Jan 02 j 16:52	14°♑31'14		
inferior conj	-1122 Jan 08 j 18:09	9°♑01'41	3°42'30	
minimum elong	-1122 Jan 08 j 16:08	9°♑07'24	3°42'15	
min. Earth dist.	-1122 Jan 10 j 23:58	6°♑28'48	0.64001 AU	
morning rise	-1122 Jan 14 j 13:57	2°♑57'58		
direct	-1122 Jan 21 j 12:22	0°♑08'44		
desc. node	-1122 Feb 03 j 09:18	7°♑13'08		
morning max el	-1122 Feb 04 j 03:04	7°♑56'37	27°31'03	
	-1122 Feb 21 j 05:16	0°♒		
	-1122 Mar 10 j 10:04	0°♓		
morning set	-1122 Mar 11 j 00:32	1°♓11'09		
max. Earth dist.	-1122 Mar 16 j 02:06	11°♓29'21	1.33427 AU	
superior conj	-1122 Mar 18 j 22:28	17°♓30'07	0°-40'-58	
minimum elong	-1122 Mar 19 j 00:24	17°♓40'22	0°40'36	
asc. node	-1122 Mar 22 j 22:13	26°♓02'55		
	-1122 Mar 24 j 18:38	0°♈		
evening rise	-1122 Mar 26 j 03:54	2°♈55'42		
	-1122 Apr 10 j 06:01	0°♉		
evening max el	-1122 Apr 17 j 02:43	8°♉06'57	22°39'05	
retrograde	-1122 Apr 30 j 05:58	14°♉35'16		
desc. node	-1122 May 02 j 08:28	14°♉25'28		
evening set	-1122 May 03 j 09:42	14°♉13'28		
min. Earth dist.	-1122 May 11 j 11:19	10°♉42'23	0.55401 AU	
inferior conj	-1122 May 12 j 16:51	10°♉00'13	-2°-46'-48	
minimum elong	-1122 May 12 j 10:11	10°♉09'45	2°44'52	
morning rise	-1122 May 21 j 13:06	6°♉05'43		
direct	-1122 May 24 j 07:12	5°♉48'06		
morning max el	-1122 Jun 04 j 13:21	11°♉02'39	20°53'59	
	-1122 Jun 17 j 22:14	0°♊		
asc. node	-1122 Jun 18 j 21:31	1°♊48'52		
morning set	-1122 Jun 23 j 21:57	11°♊46'11		
superior conj	-1122 Jul 01 j 11:22	27°♊26'18	1°40'03	
minimum elong	-1122 Jul 01 j 09:25	27°♊16'19	1°39'56	
	-1122 Jul 02 j 17:28	0°♋		
max. Earth dist.	-1122 Jul 05 j 21:29	6°♋20'48	1.35701 AU	
evening rise	-1122 Jul 10 j 03:39	14°♋32'17		
	-1122 Jul 18 j 20:46	0°♌		
desc. node	-1122 Jul 29 j 07:49	16°♌20'10		
	-1122 Aug 08 j 14:54	0°♍		
evening max el	-1122 Aug 14 j 16:50	6°♍36'36	26°25'39	
retrograde	-1122 Aug 27 j 11:31	13°♍48'40		
evening set	-1122 Sep 02 j 22:53	11°♍07'40		
min. Earth dist.	-1122 Sep 07 j 01:57	6°♍47'02	0.66187 AU	
inferior conj	-1122 Sep 08 j 15:02	4°♍53'56	-2°-3'-42	
minimum elong	-1122 Sep 08 j 18:04	4°♍44'38	2°02'32	
	-1122 Sep 13 j 05:28	30°℞♌		
morning rise	-1122 Sep 14 j 14:15	29°♌04'13		
asc. node	-1122 Sep 14 j 20:44	28°♌55'30		
direct	-1122 Sep 17 j 13:55	28°♌13'33		
	-1122 Sep 22 j 02:21	0°♍		
morning max el	-1122 Sep 24 j 08:13	1°♍59'14	18°43'11	
	-1122 Oct 13 j 13:46	0°♎		
morning set	-1122 Oct 15 j 04:45	2°♎35'17		
desc. node	-1122 Oct 25 j 07:10	18°♎35'34		
superior conj	-1122 Oct 31 j 07:03	28°♎01'53	0°-38'-18	
minimum elong	-1122 Oct 31 j 02:05	27°♎42'19	0°37'40	
max. Earth dist.	-1122 Oct 31 j 03:59	27°♎49'47	1.44961 AU	
	-1122 Nov 01 j 13:05	0°♏		
evening rise	-1122 Nov 16 j 04:08	23°♏11'10		
	-1122 Nov 20 j 10:12	0°♐		
evening max el	-1122 Dec 07 j 17:02	25°♐08'04	18°55'23	
asc. node	-1122 Dec 11 j 19:58	28°♐20'09		
retrograde	-1122 Dec 14 j 13:03	29°♐00'26		
evening set	-1122 Dec 17 j 16:38	28°♐03'19		
inferior conj	-1122 Dec 23 j 11:05	22°♐16'22	3°16'59	
minimum elong	-1122 Dec 23 j 08:18	22°♐24'59	3°16'21	
min. Earth dist.	-1122 Dec 25 j 01:45	20°♐16'40	0.65441 AU	
morning rise	-1122 Dec 28 j 23:00	16°♐06'19		
direct	-1121 Jan 04 j 12:30	13°♐16'40		
morning max el	-1121 Jan 17 j 12:42	20°♐52'46	26°44'33	
desc. node	-1121 Jan 21 j 06:22	24°♐54'15		
	-1121 Jan 25 j 11:02	0°♑		
	-1121 Feb 14 j 08:16	0°♒		
morning set	-1121 Feb 22 j 09:42	14°♒36'49		
max. Earth dist.	-1121 Feb 26 j 18:36	23°♒08'50	1.34571 AU	
	-1121 Mar 02 j 03:33	0°♓		
superior conj	-1121 Mar 02 j 23:31	1°♓43'15	-1°-6'-33	
minimum elong	-1121 Mar 03 j 02:32	1°♓58'52	1°06'03	
asc. node	-1121 Mar 09 j 19:17	16°♓00'29		
evening rise	-1121 Mar 10 j 13:20	17°♓34'14		
	-1121 Mar 16 j 19:58	0°♈		
evening max el	-1121 Mar 30 j 01:34	19°♈00'40	21°09'53	
retrograde	-1121 Apr 10 j 19:46	24°♈41'47		
evening set	-1121 Apr 13 j 04:19	24°♈28'55		
desc. node	-1121 Apr 19 j 05:29	22°♈16'35		
inferior conj	-1121 Apr 22 j 11:36	20°♈30'07	0°-55'-25	
minimum elong	-1121 Apr 22 j 08:59	20°♈33'49	0°54'29	
min. Earth dist.	-1121 Apr 23 j 00:29	20°♈11'57	0.55043 AU	
morning rise	-1121 May 01 j 13:22	16°♈26'41		
direct	-1121 May 04 j 18:03	16°♈04'34		
morning max el	-1121 May 17 j 13:18	22°♈11'39	22°26'09	
	-1121 May 24 j 07:26	0°♉		
asc. node	-1121 Jun 05 j 18:35	21°♉23'50		
morning set	-1121 Jun 08 j 08:16	26°♉40'04		
	-1121 Jun 09 j 22:21	0°♊		
superior conj	-1121 Jun 15 j 14:18	12°♊02'15	1°27'14	
minimum elong	-1121 Jun 15 j 11:48	11°♊49'04	1°26'57	
max. Earth dist.	-1121 Jun 18 j 15:36	18°♊25'39	1.34313 AU	
evening rise	-1121 Jun 23 j 12:40	28°♊14'27		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1121 Jun 24 j 10:24	0°♋	
	-1121 Jul 12 j 01:27	0°♌	
desc. node	-1121 Jul 16 j 04:50	5°♌53'36	
evening max el	-1121 Jul 28 j 04:38	20°♌03'38	27°08'52
retrograde	-1121 Aug 10 j 12:13	27°♌23'03	
evening set	-1121 Aug 17 j 10:57	24°♌37'21	
min. Earth dist.	-1121 Aug 21 j 06:47	20°♌54'34	0.65026 AU
inferior conj	-1121 Aug 23 j 08:54	18°♌33'49	-2°-55'-57
minimum elong	-1121 Aug 23 j 13:01	18°♌22'17	2°54'38
morning rise	-1121 Aug 29 j 16:35	12°♌58'37	
direct	-1121 Sep 01 j 09:35	12°♌19'20	
asc. node	-1121 Sep 01 j 17:47	12°♌19'58	
morning max el	-1121 Sep 07 j 22:13	15°♌50'32	18°10'21
	-1121 Sep 18 j 02:14	0°♍	
morning set	-1121 Sep 26 j 04:50	13°♍23'34	
	-1121 Oct 06 j 07:53	0°♎	
superior conj	-1121 Oct 10 j 10:56	6°♎36'57	0°11'14
minimum elong	-1121 Oct 10 j 12:19	6°♎42'29	0°11'01
behind sun begin	-1121 Oct 10 j 04:15	6°♎10'21	
behind sun end	-1121 Oct 10 j 20:23	7°♎14'36	
desc. node	-1121 Oct 12 j 04:13	9°♎21'04	
max. Earth dist.	-1121 Oct 13 j 22:52	12°♎09'49	1.44773 AU
	-1121 Oct 25 j 08:30	0°♏	
evening rise	-1121 Oct 27 j 00:58	2°♏37'06	
greatest brilliancy	-1121 Nov 13 j 03:26	28°♏36'14	-0.6m
	-1121 Nov 14 j 03:07	0°♐	
evening max el	-1121 Nov 20 j 23:57	8°♐35'16	19°44'06
retrograde	-1121 Nov 28 j 10:05	12°♐54'45	
asc. node	-1121 Nov 28 j 17:01	12°♐54'17	
evening set	-1121 Dec 01 j 21:10	11°♐44'36	
inferior conj	-1121 Dec 07 j 10:52	5°♐43'21	2°41'20
minimum elong	-1121 Dec 07 j 08:01	5°♐52'45	2°40'27
min. Earth dist.	-1121 Dec 08 j 11:45	4°♐21'27	0.66497 AU
	-1121 Dec 12 j 04:57	30°℞♏	
morning rise	-1121 Dec 12 j 18:12	29°♏29'08	
direct	-1121 Dec 18 j 18:28	26°♏50'35	
	-1121 Dec 26 j 08:26	0°♐	
morning max el	-1121 Dec 30 j 21:54	4°♐02'38	25°34'30
desc. node	-1120 Jan 08 j 03:26	13°♐34'14	
	-1120 Jan 19 j 19:38	0°♑	
morning set	-1120 Feb 05 j 03:27	27°♑11'42	
	-1120 Feb 06 j 16:07	0°♒	
max. Earth dist.	-1120 Feb 08 j 23:24	4°♒18'55	1.36164 AU
superior conj	-1120 Feb 14 j 16:20	15°♒26'36	-1°-29'-44
minimum elong	-1120 Feb 14 j 19:58	15°♒44'46	1°29'17
	-1120 Feb 21 j 20:14	0°♓	
evening rise	-1120 Feb 22 j 18:42	1°♓54'12	
asc. node	-1120 Feb 24 j 16:20	5°♓43'49	
	-1120 Mar 10 j 23:36	0°♈	
evening max el	-1120 Mar 11 j 11:03	0°♈28'05	19°55'24
retrograde	-1120 Mar 21 j 12:32	5°♈16'56	
evening set	-1120 Mar 23 j 16:19	5°♈04'37	
inferior conj	-1120 Apr 01 j 10:57	1°♈03'46	1°01'07
minimum elong	-1120 Apr 01 j 13:33	0°♈59'48	1°00'15
	-1120 Apr 03 j 04:35	30°℞♓	
min. Earth dist.	-1120 Apr 03 j 14:38	29°♓44'49	0.55636 AU
desc. node	-1120 Apr 05 j 02:33	28°♓52'25	
morning rise	-1120 Apr 10 j 07:45	26°♓33'33	
direct	-1120 Apr 14 j 09:34	25°♓56'53	
	-1120 Apr 24 j 21:53	0°♈	
morning max el	-1120 Apr 28 j 05:58	2°♈50'15	24°06'33
	-1120 May 17 j 00:55	0°♉	
morning set	-1120 May 22 j 20:10	11°♉39'26	
asc. node	-1120 May 22 j 15:39	11°♉15'43	
superior conj	-1120 May 29 j 22:10	26°♉53'00	1°09'54
minimum elong	-1120 May 29 j 19:42	26°♉39'41	1°09'32
	-1120 May 31 j 08:56	0°♊	
max. Earth dist.	-1120 May 31 j 18:43	0°♊52'21	1.33306 AU
evening rise	-1120 Jun 06 j 08:30	12°♊29'09	
	-1120 Jun 15 j 15:24	0°♋	
desc. node	-1120 Jul 02 j 01:51	24°♋46'30	
	-1120 Jul 06 j 12:47	0°♌	
evening max el	-1120 Jul 09 j 14:59	3°♌09'42	27°25'17
retrograde	-1120 Jul 23 j 07:12	10°♌30'35	
evening set	-1120 Jul 30 j 11:40	7°♌51'49	
min. Earth dist.	-1120 Aug 03 j 02:20	4°♌42'39	0.63489 AU
inferior conj	-1120 Aug 05 j 17:54	2°♌01'32	-3°-42'-38
minimum elong	-1120 Aug 05 j 22:23	1°♌50'08	3°41'33
	-1120 Aug 07 j 19:19	30°℞♋	
morning rise	-1120 Aug 12 j 11:15	26°♋44'05	
direct	-1120 Aug 14 j 23:58	26°♋13'03	
asc. node	-1120 Aug 18 j 14:52	27°♋17'16	
morning max el	-1120 Aug 21 j 13:47	29°♋38'17	17°55'00
	-1120 Aug 21 j 22:21	0°♌	
morning set	-1120 Sep 07 j 06:11	25°♌24'05	
	-1120 Sep 09 j 21:38	0°♍	
superior conj	-1120 Sep 19 j 11:50	16°♍16'11	0°54'19
minimum elong	-1120 Sep 19 j 16:49	16°♍36'49	0°53'41
max. Earth dist.	-1120 Sep 25 j 15:07	26°♍15'47	1.43877 AU
	-1120 Sep 27 j 23:19	0°♎	
desc. node	-1120 Sep 28 j 01:16	0°♎07'41	
evening rise	-1120 Oct 05 j 07:51	11°♎30'31	
	-1120 Oct 17 j 13:02	0°♏	
greatest brilliancy	-1120 Oct 28 j 07:24	15°♏13'22	-0.5m
evening max el	-1120 Nov 03 j 01:26	22°♏03'02	20°47'02
retrograde	-1120 Nov 11 j 07:41	26°♏56'29	
asc. node	-1120 Nov 14 j 14:04	25°♏55'38	
evening set	-1120 Nov 15 j 04:19	25°♏31'11	
inferior conj	-1120 Nov 20 j 15:02	19°♏19'08	1°58'17
minimum elong	-1120 Nov 20 j 12:38	19°♏27'20	1°57'23
min. Earth dist.	-1120 Nov 21 j 03:47	18°♏35'36	0.67185 AU
morning rise	-1120 Nov 25 j 20:30	13°♏03'08	
direct	-1120 Dec 01 j 05:44	10°♏42'59	
morning max el	-1120 Dec 12 j 06:27	17°♏17'55	24°10'48
	-1120 Dec 22 j 20:45	0°♐	
desc. node	-1120 Dec 25 j 00:31	2°♐56'00	
	-1119 Jan 11 j 20:40	0°♑	
morning set	-1119 Jan 16 j 23:53	8°♑40'07	
max. Earth dist.	-1119 Jan 20 j 19:42	15°♑24'25	1.38121 AU
superior conj	-1119 Jan 27 j 21:29	28°♑31'20	-1°-48'-14
minimum elong	-1119 Jan 28 j 00:46	28°♑47'05	1°47'59
	-1119 Jan 28 j 15:58	0°♒	
evening rise	-1119 Feb 05 j 17:37	15°♒49'24	
asc. node	-1119 Feb 10 j 13:23	25°♒07'44	
	-1119 Feb 13 j 06:08	0°♓	
evening max el	-1119 Feb 22 j 07:18	12°♓33'29	18°59'49
retrograde	-1119 Mar 02 j 19:19	16°♓38'56	
evening set	-1119 Mar 05 j 02:08	16°♓22'27	
inferior conj	-1119 Mar 13 j 02:52	12°♓07'09	2°32'45
minimum elong	-1119 Mar 13 j 07:25	11°♓59'07	2°31'33
min. Earth dist.	-1119 Mar 16 j 06:37	9°♓54'37	0.57054 AU
morning rise	-1119 Mar 21 j 08:34	7°♓04'33	
desc. node	-1119 Mar 22 j 23:36	6°♓30'36	
direct	-1119 Mar 26 j 14:16	5°♓59'16	
morning max el	-1119 Apr 09 j 20:56	13°♓23'02	25°41'28
	-1119 Apr 22 j 21:54	0°♈	
morning set	-1119 May 07 j 08:00	26°♈38'32	
	-1119 May 08 j 21:59	0°♉	
asc. node	-1119 May 09 j 12:43	1°♉19'01	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1119 May 14 j 08:53	11°♉51'25	0°49'06
minimum elong	-1119 May 14 j 06:55	11°♉40'39	0°48'44
max. Earth dist.	-1119 May 15 j 04:19	13°♉37'35	1.32678 AU
evening rise	-1119 May 21 j 11:49	27°♉05'58	
	-1119 May 22 j 21:51	0°♊	
	-1119 Jun 09 j 01:22	0°♋	
desc. node	-1119 Jun 18 j 22:51	12°♋41'56	
evening max el	-1119 Jun 21 j 21:44	15°♋42'56	27°10'04
retrograde	-1119 Jul 05 j 19:33	23°♋01'46	
evening set	-1119 Jul 12 j 20:59	20°♋44'08	
min. Earth dist.	-1119 Jul 16 j 11:48	17°♋58'24	0.61629 AU
inferior conj	-1119 Jul 19 j 14:51	15°♋09'59	-4°-18'-59
minimum elong	-1119 Jul 19 j 18:28	15°♋01'49	4°18'27
morning rise	-1119 Jul 26 j 18:46	10°♋13'02	
direct	-1119 Jul 29 j 05:38	9°♋47'36	
morning max el	-1119 Aug 05 j 04:01	13°♋15'36	17°58'08
asc. node	-1119 Aug 05 j 11:56	13°♋35'16	
	-1119 Aug 16 j 12:25	0°♌	
morning set	-1119 Aug 21 j 02:58	8°♌20'31	
superior conj	-1119 Aug 31 j 16:13	27°♌16'40	1°24'40
minimum elong	-1119 Aug 31 j 20:54	27°♌37'01	1°24'13
	-1119 Sep 02 j 05:59	0°♍	
max. Earth dist.	-1119 Sep 08 j 02:33	9°♍52'02	1.42405 AU
evening rise	-1119 Sep 14 j 18:40	20°♍37'58	
desc. node	-1119 Sep 14 j 22:15	20°♍52'04	
	-1119 Sep 20 j 19:31	0°♎	
greatest brilliancy	-1119 Oct 12 j 02:57	0°♏07'47	-0.4m
	-1119 Oct 12 j 00:26	0°♏	
evening max el	-1119 Oct 16 j 21:05	5°♏31'01	22°00'45
retrograde	-1119 Oct 26 j 03:49	11°♏02'06	
evening set	-1119 Oct 30 j 12:11	9°♏19'35	
asc. node	-1119 Nov 01 j 11:07	7°♏26'27	
inferior conj	-1119 Nov 04 j 21:29	3°♏00'24	1°09'46
minimum elong	-1119 Nov 04 j 19:56	3°♏05'46	1°09'07
min. Earth dist.	-1119 Nov 04 j 23:19	2°♏54'05	0.67539 AU
	-1119 Nov 07 j 03:04	30°℞♎	
morning rise	-1119 Nov 10 j 03:27	26°♎45'08	
direct	-1119 Nov 14 j 21:26	24°♎46'56	
	-1119 Nov 24 j 02:01	0°♏	
morning max el	-1119 Nov 24 j 16:36	0°♏36'14	22°43'15
greatest brilliancy	-1119 Nov 29 j 08:49	5°♏50'37	-0.3m
desc. node	-1119 Dec 11 j 21:33	22°♏46'47	
	-1119 Dec 16 j 18:38	0°♐	
morning set	-1119 Dec 28 j 16:49	18°♐45'36	
max. Earth dist.	-1118 Jan 02 j 15:20	27°♐01'39	1.40237 AU
	-1118 Jan 04 j 08:50	0°♑	
superior conj	-1118 Jan 10 j 10:16	10°♑44'48	-1°-58'-54
minimum elong	-1118 Jan 10 j 11:38	10°♑50'59	1°58'54
evening rise	-1118 Jan 20 j 07:03	29°♑11'27	
	-1118 Jan 20 j 17:18	0°♒	
asc. node	-1118 Jan 28 j 10:25	14°♒04'47	
evening max el	-1118 Feb 05 j 11:54	25°♒10'03	18°24'15
retrograde	-1118 Feb 12 j 20:49	28°♒48'03	
evening set	-1118 Feb 15 j 08:06	28°♒24'44	
inferior conj	-1118 Feb 22 j 15:35	23°♒48'47	3°28'24
minimum elong	-1118 Feb 22 j 18:51	23°♒42'04	3°27'53
min. Earth dist.	-1118 Feb 26 j 01:53	21°♒01'00	0.58983 AU
morning rise	-1118 Mar 02 j 01:57	18°♒19'52	
direct	-1118 Mar 08 j 08:11	16°♒37'03	
desc. node	-1118 Mar 09 j 20:39	16°♒43'01	
morning max el	-1118 Mar 22 j 15:30	24°♒16'27	26°55'54
	-1118 Mar 27 j 20:44	0°♓	
	-1118 Apr 15 j 23:52	0°♈	
morning set	-1118 Apr 21 j 18:04	11°♈31'18	
asc. node	-1118 Apr 26 j 09:45	21°♈28'44	
superior conj	-1118 Apr 28 j 20:37	26°♈50'59	0°25'41
minimum elong	-1118 Apr 28 j 19:30	26°♈44'49	0°25'27
max. Earth dist.	-1118 Apr 28 j 17:07	26°♈31'46	1.32410 AU
	-1118 Apr 30 j 07:04	0°♉	
evening rise	-1118 May 05 j 20:02	11°♉56'01	
	-1118 May 15 j 02:37	0°♊	
evening max el	-1118 Jun 03 j 22:41	27°♊33'53	26°22'03
desc. node	-1118 Jun 05 j 19:51	29°♊15'58	
	-1118 Jun 06 j 17:07	0°♋	
retrograde	-1118 Jun 17 j 23:37	4°♋48'52	
evening set	-1118 Jun 24 j 10:22	3°♋05'01	
min. Earth dist.	-1118 Jun 28 j 11:46	0°♋26'58	0.59585 AU
	-1118 Jun 29 j 02:01	30°℞♊	
inferior conj	-1118 Jul 01 j 20:11	27°♊49'58	-4°-37'-26
minimum elong	-1118 Jul 01 j 21:06	27°♊48'10	4°37'24
morning rise	-1118 Jul 09 j 11:16	23°♊15'28	
direct	-1118 Jul 11 j 22:29	22°♊53'46	
morning max el	-1118 Jul 19 j 13:57	26°♊34'33	18°20'54
	-1118 Jul 22 j 15:12	0°♋	
asc. node	-1118 Jul 23 j 09:00	0°♋58'34	
morning set	-1118 Aug 04 j 13:56	21°♋59'03	
	-1118 Aug 08 j 18:56	0°♌	
superior conj	-1118 Aug 13 j 21:11	9°♌30'42	1°41'48
minimum elong	-1118 Aug 13 j 23:45	9°♌42'26	1°41'40
max. Earth dist.	-1118 Aug 21 j 08:59	22°♌49'11	1.40546 AU
	-1118 Aug 25 j 15:10	0°♍	
evening rise	-1118 Aug 26 j 01:24	0°♍42'14	
desc. node	-1118 Sep 01 j 19:14	11°♍31'04	
	-1118 Sep 14 j 06:12	0°♎	
evening max el	-1118 Sep 29 j 11:54	19°♎01'16	23°20'19
retrograde	-1118 Oct 09 j 21:08	25°♎09'41	
evening set	-1118 Oct 14 j 19:07	23°♎08'33	
asc. node	-1118 Oct 19 j 08:10	17°♎55'14	
inferior conj	-1118 Oct 20 j 04:26	16°♎45'54	0°17'29
minimum elong	-1118 Oct 20 j 04:01	16°♎47'20	0°17'18
min. Earth dist.	-1118 Oct 19 j 19:53	17°♎15'15	0.67580 AU
morning rise	-1118 Oct 25 j 12:58	10°♎34'08	
direct	-1118 Oct 29 j 16:38	8°♎58'12	
morning max el	-1118 Nov 07 j 08:03	14°♎02'24	21°20'21
greatest brilliancy	-1118 Nov 12 j 13:48	20°♎04'30	-0.4m
	-1118 Nov 19 j 22:00	0°♏	
desc. node	-1118 Nov 28 j 18:34	12°♏58'38	
morning set	-1118 Dec 08 j 05:21	27°♏31'06	
	-1118 Dec 09 j 19:00	0°♐	
max. Earth dist.	-1118 Dec 15 j 17:21	9°♐34'34	1.42217 AU
superior conj	-1118 Dec 23 j 01:19	21°♐53'54	-1°-57'-40
minimum elong	-1118 Dec 22 j 22:49	21°♐43'11	1°57'38
	-1118 Dec 27 j 16:42	0°♑	
evening rise	-1117 Jan 03 j 07:27	11°♑53'03	
	-1117 Jan 13 j 16:43	0°♒	
asc. node	-1117 Jan 15 j 07:27	2°♒26'40	
evening max el	-1117 Jan 19 j 21:49	8°♒09'10	18°08'36
retrograde	-1117 Jan 26 j 15:19	11°♒35'39	
evening set	-1117 Jan 29 j 06:31	11°♒04'20	
inferior conj	-1117 Feb 04 j 23:45	6°♒06'20	3°51'51
minimum elong	-1117 Feb 05 j 00:37	6°♒04'16	3°51'49
min. Earth dist.	-1117 Feb 08 j 03:26	3°♒07'43	0.61062 AU
morning rise	-1117 Feb 11 j 16:03	0°♒19'15	
	-1117 Feb 12 j 04:04	30°℞♑	
direct	-1117 Feb 18 j 12:42	28°♑01'13	
desc. node	-1117 Feb 24 j 17:43	29°♑42'27	
	-1117 Feb 25 j 06:45	0°♒	
morning max el	-1117 Mar 04 j 16:24	5°♒48'25	27°38'20
	-1117 Mar 22 j 20:14	0°♓	
morning set	-1117 Apr 06 j 00:32	26°♓11'15	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1117 Apr 07 j 20:32	0°♈	
max. Earth dist.	-1117 Apr 12 j 05:17	9°♈21'35	1.32502 AU
superior conj	-1117 Apr 13 j 07:43	11°♈45'42	0°00'25
minimum elong	-1117 Apr 13 j 07:42	11°♈45'36	0°00'25
behind sun begin	-1117 Apr 13 j 02:38	11°♈18'00	
behind sun end	-1117 Apr 13 j 12:45	12°♈13'13	
asc. node	-1117 Apr 13 j 06:46	11°♈40'31	
evening rise	-1117 Apr 20 j 06:58	26°♈51'33	
	-1117 Apr 21 j 19:01	0°♉	
	-1117 May 09 j 04:27	0°♊	
evening max el	-1117 May 16 j 16:54	8°♊41'03	25°06'01
desc. node	-1117 May 23 j 16:53	13°♊55'55	
retrograde	-1117 May 30 j 17:16	15°♊48'53	
evening set	-1117 Jun 05 j 00:56	14°♊43'43	
min. Earth dist.	-1117 Jun 10 j 04:38	11°♊55'52	0.57600 AU
inferior conj	-1117 Jun 13 j 06:29	9°♊51'06	-4°-27'-3
minimum elong	-1117 Jun 13 j 03:08	9°♊56'49	4°26'43
morning rise	-1117 Jun 21 j 09:15	5°♊38'34	
direct	-1117 Jun 23 j 22:07	5°♊19'33	
morning max el	-1117 Jul 02 j 16:37	9°♊25'31	19°04'15
asc. node	-1117 Jul 10 j 06:02	19°♊12'13	
	-1117 Jul 16 j 07:22	0°♋	
morning set	-1117 Jul 19 j 10:54	6°♋07'50	
superior conj	-1117 Jul 27 j 20:57	22°♋41'33	1°47'46
minimum elong	-1117 Jul 27 j 21:17	22°♋43'08	1°47'46
	-1117 Jul 31 j 17:34	0°♌	
max. Earth dist.	-1117 Aug 03 j 11:59	5°♌04'28	1.38543 AU
evening rise	-1117 Aug 07 j 09:17	11°♌57'49	
	-1117 Aug 18 j 09:07	0°♍	
desc. node	-1117 Aug 19 j 16:15	1°♍59'48	
	-1117 Sep 09 j 12:36	0°♎	
evening max el	-1117 Sep 11 j 23:45	2°♎34'04	24°39'34
retrograde	-1117 Sep 23 j 10:38	9°♎15'08	
evening set	-1117 Sep 28 j 23:24	6°♎55'40	
min. Earth dist.	-1117 Oct 03 j 15:06	1°♎36'47	0.67301 AU
inferior conj	-1117 Oct 04 j 10:09	0°♎33'19	0°-37'-4
minimum elong	-1117 Oct 04 j 11:03	0°♎30'18	0°36'41
	-1117 Oct 04 j 20:11	30°℞♍	
asc. node	-1117 Oct 06 j 05:13	28°♍13'18	
morning rise	-1117 Oct 09 j 23:06	24°♍27'49	
direct	-1117 Oct 13 j 14:05	23°♍12'14	
morning max el	-1117 Oct 21 j 06:57	27°♍38'39	20°08'01
	-1117 Oct 23 j 10:44	0°♎	
greatest brilliancy	-1117 Oct 28 j 07:30	6°♎12'15	-0.6m
	-1117 Nov 13 j 10:11	0°♏	
desc. node	-1117 Nov 15 j 15:36	3°♏25'16	
morning set	-1117 Nov 17 j 02:29	5°♏39'54	
max. Earth dist.	-1117 Nov 28 j 03:07	22°♏59'18	1.43778 AU
	-1117 Dec 02 j 11:22	0°♐	
superior conj	-1117 Dec 03 j 13:55	1°♐48'23	-1°-40'-17
minimum elong	-1117 Dec 03 j 07:03	1°♐20'18	1°39'46
evening rise	-1117 Dec 16 j 14:39	23°♐46'07	
	-1117 Dec 20 j 05:17	0°♑	
asc. node	-1116 Jan 02 j 04:28	20°♑02'53	
evening max el	-1116 Jan 03 j 10:09	21°♑23'04	18°12'21
retrograde	-1116 Jan 09 j 22:19	24°♑51'26	
evening set	-1116 Jan 12 j 17:25	24°♑11'14	
inferior conj	-1116 Jan 18 j 23:42	18°♑52'29	3°51'08
minimum elong	-1116 Jan 18 j 22:30	18°♑55'41	3°51'02
min. Earth dist.	-1116 Jan 21 j 14:09	16°♑05'20	0.63006 AU
morning rise	-1116 Jan 25 j 01:45	12°♑53'24	
direct	-1116 Feb 01 j 01:56	10°♑11'22	
desc. node	-1116 Feb 11 j 14:46	14°♑59'09	
morning max el	-1116 Feb 14 j 22:54	18°♑01'30	27°44'00
	-1116 Feb 25 j 00:53	0°♒	
	-1116 Mar 14 j 14:56	0°♓	
morning set	-1116 Mar 20 j 01:12	10°♓30'58	
max. Earth dist.	-1116 Mar 25 j 12:50	21°♓53'06	1.32970 AU
superior conj	-1116 Mar 27 j 16:31	26°♓29'57	0°-25'-48
minimum elong	-1116 Mar 27 j 17:43	26°♓36'30	0°25'34
	-1116 Mar 29 j 07:23	0°♈	
asc. node	-1116 Mar 30 j 03:48	1°♈50'32	
evening rise	-1116 Apr 03 j 18:47	11°♈45'56	
	-1116 Apr 13 j 03:37	0°♉	
evening max el	-1116 Apr 27 j 07:42	19°♉20'46	23°33'42
desc. node	-1116 May 09 j 13:54	26°♉05'30	
retrograde	-1116 May 10 j 23:01	26°♉09'50	
evening set	-1116 May 14 j 20:29	25°♉36'25	
min. Earth dist.	-1116 May 21 j 18:15	22°♉24'22	0.56004 AU
inferior conj	-1116 May 23 j 20:44	21°♉08'51	-3°-36'-13
minimum elong	-1116 May 23 j 14:03	21°♉18'54	3°34'41
morning rise	-1116 Jun 01 j 11:11	17°♉11'50	
direct	-1116 Jun 04 j 02:25	16°♉54'32	
morning max el	-1116 Jun 14 j 09:34	21°♉40'20	20°08'22
	-1116 Jun 21 j 05:58	0°♊	
asc. node	-1116 Jun 26 j 03:05	8°♊04'41	
morning set	-1116 Jul 02 j 14:49	20°♊38'59	
	-1116 Jul 07 j 04:35	0°♋	
superior conj	-1116 Jul 10 j 10:19	6°♋34'29	1°44'54
minimum elong	-1116 Jul 10 j 09:00	6°♋27'51	1°44'52
max. Earth dist.	-1116 Jul 15 j 16:34	16°♋54'01	1.36653 AU
evening rise	-1116 Jul 19 j 16:08	24°♋20'30	
	-1116 Jul 22 j 19:55	0°♌	
desc. node	-1116 Aug 05 j 13:15	22°♌12'51	
	-1116 Aug 10 j 23:56	0°♍	
evening max el	-1116 Aug 24 j 10:55	16°♍08'56	25°51'06
retrograde	-1116 Sep 05 j 19:45	23°♍13'29	
evening set	-1116 Sep 11 j 23:13	20°♍38'35	
min. Earth dist.	-1116 Sep 16 j 06:37	15°♍56'18	0.66689 AU
inferior conj	-1116 Sep 17 j 12:53	14°♍20'23	-1°-32'-18
minimum elong	-1116 Sep 17 j 15:10	14°♍13'08	1°31'23
asc. node	-1116 Sep 22 j 02:16	9°♍17'34	
morning rise	-1116 Sep 23 j 07:55	8°♍24'05	
direct	-1116 Sep 26 j 12:25	7°♍25'31	
morning max el	-1116 Oct 03 j 13:11	11°♍23'42	19°09'38
	-1116 Oct 17 j 03:01	0°♎	
morning set	-1116 Oct 26 j 08:23	14°♎21'36	
desc. node	-1116 Nov 01 j 12:38	24°♎01'56	
	-1116 Nov 05 j 07:59	0°♏	
max. Earth dist.	-1116 Nov 09 j 18:30	6°♏58'54	1.44728 AU
superior conj	-1116 Nov 12 j 01:19	10°♏35'29	-1°-4'-59
minimum elong	-1116 Nov 11 j 17:51	10°♏05'54	1°04'08
	-1116 Nov 24 j 03:16	0°♐	
evening rise	-1116 Nov 27 j 00:16	4°♐42'21	
	-1116 Dec 12 j 23:49	0°♑	
evening max el	-1116 Dec 16 j 22:12	4°♑45'17	18°34'38
asc. node	-1116 Dec 19 j 01:31	6°♑40'01	
retrograde	-1116 Dec 23 j 13:22	8°♑26'20	
evening set	-1116 Dec 26 j 13:20	7°♑36'02	
inferior conj	-1115 Jan 01 j 11:27	1°♑58'45	3°33'09
minimum elong	-1115 Jan 01 j 09:01	2°♑05'58	3°32'44
	-1115 Jan 03 j 03:30	30°℞♐	
min. Earth dist.	-1115 Jan 03 j 10:46	29°♐38'47	0.64656 AU
morning rise	-1115 Jan 07 j 03:26	25°♐51'44	
direct	-1115 Jan 13 j 22:39	23°♐00'32	
	-1115 Jan 26 j 13:36	0°♑	
morning max el	-1115 Jan 27 j 08:14	0°♑45'42	27°14'41
desc. node	-1115 Jan 28 j 11:50	1°♑56'19	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1115 Feb 18 j 01:38	0°♒	
morning set	-1115 Mar 03 j 17:06	24°♒19'42	
	-1115 Mar 06 j 13:51	0°♓	
max. Earth dist.	-1115 Mar 08 j 11:35	3°♓52'21	1.33856 AU
superior conj	-1115 Mar 11 j 21:01	10°♓56'18	0°-52'-1
minimum elong	-1115 Mar 11 j 23:27	11°♓09'04	0°51'34
asc. node	-1115 Mar 17 j 00:50	21°♓53'41	
evening rise	-1115 Mar 19 j 05:35	26°♓31'38	
	-1115 Mar 20 j 21:50	0°♈	
evening max el	-1115 Apr 09 j 01:49	0°♉01'29	21°59'45
	-1115 Apr 09 j 01:12	0°♉	
retrograde	-1115 Apr 21 j 17:08	6°♉11'46	
evening set	-1115 Apr 24 j 10:22	5°♉55'21	
desc. node	-1115 Apr 26 j 10:57	5°♉23'10	
inferior conj	-1115 May 03 j 19:27	1°♉49'55	-2°-2'-26
minimum elong	-1115 May 03 j 14:00	1°♉57'35	2°00'38
min. Earth dist.	-1115 May 03 j 07:32	2°♉06'41	0.55129 AU
	-1115 May 07 j 04:23	30°℞♈	
morning rise	-1115 May 12 j 19:00	27°♈53'46	
direct	-1115 May 15 j 16:13	27°♈35'12	
	-1115 May 23 j 12:04	0°♉	
morning max el	-1115 May 27 j 15:31	3°♉12'38	21°31'34
asc. node	-1115 Jun 13 j 00:09	27°♉25'57	
	-1115 Jun 14 j 07:22	0°♊	
morning set	-1115 Jun 16 j 23:20	5°♊25'34	
superior conj	-1115 Jun 24 j 09:11	20°♊57'03	1°35'14
minimum elong	-1115 Jun 24 j 06:56	20°♊45'18	1°35'03
max. Earth dist.	-1115 Jun 28 j 04:41	28°♊45'52	1.35059 AU
	-1115 Jun 28 j 19:27	0°♋	
evening rise	-1115 Jul 02 j 16:59	7°♋37'21	
	-1115 Jul 15 j 10:58	0°♌	
desc. node	-1115 Jul 23 j 10:16	12°♌03'09	
evening max el	-1115 Aug 06 j 22:37	29°♌41'25	26°47'01
	-1115 Aug 07 j 06:22	0°♍	
retrograde	-1115 Aug 19 j 23:48	6°♍58'26	
evening set	-1115 Aug 26 j 16:20	4°♍14'15	
min. Earth dist.	-1115 Aug 30 j 16:09	0°♍09'46	0.65728 AU
	-1115 Aug 30 j 19:30	30°℞♌	
inferior conj	-1115 Sep 01 j 10:39	28°♌04'09	-2°-26'-21
minimum elong	-1115 Sep 01 j 14:12	27°♌53'39	2°25'05
morning rise	-1115 Sep 07 j 13:18	22°♌20'07	
asc. node	-1115 Sep 08 j 23:21	21°♌46'19	
direct	-1115 Sep 10 j 09:43	21°♌34'51	
morning max el	-1115 Sep 17 j 00:59	25°♌13'46	18°27'08
	-1115 Sep 21 j 00:49	0°♍	
morning set	-1115 Oct 06 j 16:03	24°♍21'41	
	-1115 Oct 10 j 03:49	0°♎	
desc. node	-1115 Oct 19 j 09:40	14°♎45'06	
superior conj	-1115 Oct 22 j 01:31	18°♎57'08	0°-17'-14
minimum elong	-1115 Oct 21 j 23:14	18°♎48'09	0°16'58
max. Earth dist.	-1115 Oct 23 j 12:41	21°♎15'36	1.44964 AU
	-1115 Oct 29 j 02:13	0°♏	
evening rise	-1115 Nov 07 j 09:50	14°♏38'47	
	-1115 Nov 17 j 04:21	0°♐	
greatest brilliancy	-1115 Nov 20 j 03:24	4°♐33'06	-0.7m
evening max el	-1115 Nov 30 j 07:39	18°♐12'05	19°14'14
asc. node	-1115 Dec 05 j 22:35	22°♐03'31	
retrograde	-1115 Dec 07 j 08:58	22°♐15'00	
evening set	-1115 Dec 10 j 15:27	21°♐12'45	
inferior conj	-1115 Dec 16 j 07:40	15°♐19'36	3°02'56
minimum elong	-1115 Dec 16 j 04:47	15°♐28'49	3°02'10
min. Earth dist.	-1115 Dec 17 j 16:23	13°♐35'24	0.65939 AU
morning rise	-1115 Dec 21 j 17:16	9°♐07'28	
direct	-1115 Dec 28 j 01:38	6°♐21'00	

morning max el	-1114 Jan 09 j 17:43	13°♐48'52	26°16'57
desc. node	-1114 Jan 15 j 08:55	20°♐05'11	
	-1114 Jan 22 j 22:29	0°♑	
	-1114 Feb 10 j 18:43	0°♒	
morning set	-1114 Feb 14 j 20:22	7°♒25'46	
max. Earth dist.	-1114 Feb 18 j 22:41	15°♒16'02	1.35199 AU
superior conj	-1114 Feb 23 j 18:58	24°♒58'02	-1°-16'-48
minimum elong	-1114 Feb 23 j 22:19	25°♒15'12	1°16'18
	-1114 Feb 26 j 05:39	0°♓	
evening rise	-1114 Mar 03 j 13:33	11°♓02'52	
asc. node	-1114 Mar 03 j 21:54	11°♓45'41	
	-1114 Mar 13 j 15:26	0°♈	
evening max el	-1114 Mar 22 j 05:07	11°♈08'41	20°36'01
retrograde	-1114 Apr 02 j 06:10	16°♈26'33	
evening set	-1114 Apr 04 j 11:11	16°♈14'42	
desc. node	-1114 Apr 13 j 08:01	12°♈26'34	
inferior conj	-1114 Apr 13 j 14:21	12°♈17'26	0°-4'-29
minimum elong	-1114 Apr 13 j 14:08	12°♈17'44	0°04'25
transit middle	-1114 Apr 13 j 14:08	12°♈17'44	0°04'25
transit begin	-1114 Apr 13 j 10:14	12°♈23'22	
transit end	-1114 Apr 13 j 18:02	12°♈12'05	
min. Earth dist.	-1114 Apr 14 j 21:16	11°♈32'48	0.55188 AU
morning rise	-1114 Apr 22 j 15:23	8°♈03'56	
direct	-1114 Apr 26 j 04:00	7°♈36'57	
morning max el	-1114 May 09 j 11:38	14°♈05'41	23°08'29
	-1114 May 21 j 16:40	0°♉	
asc. node	-1114 May 30 j 21:12	17°♉08'25	
morning set	-1114 Jun 01 j 10:29	20°♉21'45	
	-1114 Jun 05 j 23:07	0°♊	
superior conj	-1114 Jun 08 j 14:27	5°♊39'33	1°20'21
minimum elong	-1114 Jun 08 j 11:54	5°♊25'57	1°20'02
max. Earth dist.	-1114 Jun 11 j 02:45	10°♊59'03	1.33840 AU
evening rise	-1114 Jun 16 j 07:03	21°♊34'29	
	-1114 Jun 20 j 16:09	0°♋	
	-1114 Jul 09 j 07:14	0°♌	
desc. node	-1114 Jul 10 j 07:18	1°♌20'39	
evening max el	-1114 Jul 20 j 10:13	13°♌01'18	27°19'41
retrograde	-1114 Aug 02 j 22:07	20°♌21'38	
evening set	-1114 Aug 09 j 23:58	17°♌37'40	
min. Earth dist.	-1114 Aug 13 j 17:22	14°♌09'42	0.64407 AU
inferior conj	-1114 Aug 16 j 01:05	11°♌39'22	-3°-16'-44
minimum elong	-1114 Aug 16 j 05:28	11°♌27'32	3°15'28
morning rise	-1114 Aug 22 j 12:43	6°♌11'01	
direct	-1114 Aug 25 j 03:36	5°♌35'32	
asc. node	-1114 Aug 26 j 20:25	5°♌50'35	
morning max el	-1114 Aug 31 j 15:53	9°♌03'23	18°01'37
	-1114 Sep 14 j 18:47	0°♍	
morning set	-1114 Sep 18 j 03:33	5°♍42'24	
superior conj	-1114 Oct 01 j 12:30	27°♍53'51	0°30'49
minimum elong	-1114 Oct 01 j 15:58	28°♍07'50	0°30'22
	-1114 Oct 02 j 19:48	0°♎	
desc. node	-1114 Oct 06 j 06:41	5°♎30'58	
max. Earth dist.	-1114 Oct 06 j 06:49	5°♎31'32	1.44471 AU
evening rise	-1114 Oct 17 j 22:54	23°♎45'52	
	-1114 Oct 22 j 00:15	0°♏	
greatest brilliancy	-1114 Nov 06 j 17:39	23°♏18'35	-0.6m
	-1114 Nov 11 j 23:49	0°♐	
evening max el	-1114 Nov 13 j 12:29	1°♐39'47	20°09'21
retrograde	-1114 Nov 21 j 06:22	6°♐12'31	
asc. node	-1114 Nov 22 j 19:39	5°♐58'42	
evening set	-1114 Nov 24 j 21:19	4°♐56'08	
	-1114 Nov 29 j 12:33	30°℞♏	
inferior conj	-1114 Nov 30 j 09:34	28°♏50'05	2°23'50
minimum elong	-1114 Nov 30 j 06:51	28°♏59'12	2°22'55

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

min. Earth dist.	-1114 Dec 01 j 05:07	27°♏44'35	0.66839 AU
morning rise	-1114 Dec 05 j 15:49	22°♏35'04	
direct	-1114 Dec 11 j 09:56	20°♏03'35	
morning max el	-1114 Dec 23 j 02:16	27°♏00'31	24°59'56
	-1114 Dec 25 j 21:32	0°♐	
desc. node	-1113 Jan 02 j 05:57	9°♐04'14	
	-1113 Jan 16 j 14:04	0°♑	
morning set	-1113 Jan 28 j 05:48	19°♑34'06	
max. Earth dist.	-1113 Jan 31 j 23:07	26°♑19'49	1.36968 AU
	-1113 Feb 02 j 22:12	0°♒	
superior conj	-1113 Feb 07 j 07:19	8°♒26'26	-1°-38'-19
minimum elong	-1113 Feb 07 j 10:58	8°♒44'19	1°37'56
evening rise	-1113 Feb 15 j 16:29	25°♒13'10	
	-1113 Feb 18 j 02:15	0°♓	
asc. node	-1113 Feb 18 j 18:57	1°♓21'32	
evening max el	-1113 Mar 04 j 19:25	22°♓52'49	19°29'16
retrograde	-1113 Mar 14 j 03:36	27°♓21'11	
evening set	-1113 Mar 16 j 08:29	27°♓07'22	
inferior conj	-1113 Mar 24 j 19:41	23°♓01'23	1°44'11
minimum elong	-1113 Mar 24 j 23:36	22°♓55'02	1°42'57
min. Earth dist.	-1113 Mar 27 j 11:46	21°♓18'17	0.56162 AU
desc. node	-1113 Mar 31 j 05:04	19°♓12'55	
morning rise	-1113 Apr 02 j 11:05	18°♓17'38	
direct	-1113 Apr 07 j 00:44	17°♓30'27	
morning max el	-1113 Apr 21 j 02:40	24°♓37'57	24°48'29
	-1113 Apr 26 j 00:58	0°♈	
	-1113 May 14 j 08:14	0°♉	
morning set	-1113 May 16 j 22:35	5°♉22'08	
asc. node	-1113 May 17 j 18:15	7°♉05'59	
superior conj	-1113 May 23 j 23:47	20°♉34'33	1°01'27
minimum elong	-1113 May 23 j 21:28	20°♉22'02	1°01'04
max. Earth dist.	-1113 May 25 j 09:19	23°♉36'18	1.32999 AU
	-1113 May 28 j 09:06	0°♊	
evening rise	-1113 May 31 j 06:28	6°♊00'15	
	-1113 Jun 13 j 06:15	0°♋	
desc. node	-1113 Jun 27 j 04:19	19°♋51'44	
evening max el	-1113 Jul 02 j 19:32	25°♋55'38	27°22'54
	-1113 Jul 07 j 18:02	0°♌	
retrograde	-1113 Jul 16 j 14:04	3°♌14'57	
evening set	-1113 Jul 23 j 18:38	0°♌43'32	
	-1113 Jul 24 j 18:19	30°℞♋	
min. Earth dist.	-1113 Jul 27 j 08:34	27°♋46'00	0.62735 AU
inferior conj	-1113 Jul 30 j 05:23	25°♋00'08	-3°-59'-44
minimum elong	-1113 Jul 30 j 09:42	24°♋49'42	3°58'50
morning rise	-1113 Aug 06 j 03:07	19°♋50'55	
direct	-1113 Aug 08 j 14:54	19°♋22'24	
asc. node	-1113 Aug 13 j 17:28	21°♋24'03	
morning max el	-1113 Aug 15 j 07:12	22°♋47'24	17°54'02
	-1113 Aug 20 j 22:27	0°♌	
morning set	-1113 Aug 31 j 13:54	18°♌08'48	
	-1113 Sep 07 j 07:16	0°♍	
superior conj	-1113 Sep 12 j 01:01	8°♍07'09	1°08'53
minimum elong	-1113 Sep 12 j 06:14	8°♍29'12	1°08'17
max. Earth dist.	-1113 Sep 18 j 21:51	19°♍28'46	1.43316 AU
desc. node	-1113 Sep 23 j 03:41	26°♍16'44	
	-1113 Sep 25 j 12:22	0°♎	
evening rise	-1113 Sep 27 j 05:08	2°♎39'03	
	-1113 Oct 15 j 13:19	0°♏	
greatest brilliancy	-1113 Oct 22 j 06:59	9°♏05'56	-0.4m
evening max el	-1113 Oct 27 j 11:29	15°♏07'08	21°17'18
retrograde	-1113 Nov 05 j 03:29	20°♏15'59	
evening set	-1113 Nov 09 j 04:59	18°♏43'20	
asc. node	-1113 Nov 09 j 16:42	18°♏19'32	
inferior conj	-1113 Nov 14 j 14:54	12°♏27'44	1°38'13
minimum elong	-1113 Nov 14 j 12:49	12°♏34'54	1°37'25
min. Earth dist.	-1113 Nov 14 j 22:48	12°♏00'32	0.67378 AU
morning rise	-1113 Nov 19 j 20:20	6°♏11'58	
direct	-1113 Nov 24 j 23:00	4°♏01'10	
morning max el	-1113 Dec 05 j 11:09	10°♏16'39	23°33'32
desc. node	-1113 Dec 20 j 02:59	28°♏39'00	
	-1113 Dec 21 j 01:48	0°♐	
	-1112 Jan 09 j 08:29	0°♑	
morning set	-1112 Jan 09 j 15:09	0°♑28'08	
max. Earth dist.	-1112 Jan 13 j 18:37	7°♑36'31	1.39021 AU
superior conj	-1112 Jan 21 j 06:07	21°♑10'38	-1°-53'-55
minimum elong	-1112 Jan 21 j 08:49	21°♑23'17	1°53'49
	-1112 Jan 25 j 21:24	0°♒	
evening rise	-1112 Jan 30 j 11:46	8°♒55'15	
asc. node	-1112 Feb 05 j 16:00	20°♒34'54	
	-1112 Feb 11 j 11:07	0°♓	
evening max el	-1112 Feb 15 j 19:29	5°♓12'00	18°42'09
retrograde	-1112 Feb 23 j 18:37	9°♓04'07	
evening set	-1112 Feb 26 j 03:18	8°♓44'58	
inferior conj	-1112 Mar 04 j 20:22	4°♓20'54	3°00'45
minimum elong	-1112 Mar 05 j 00:38	4°♓12'49	2°59'48
min. Earth dist.	-1112 Mar 08 j 04:39	1°♓50'51	0.57831 AU
	-1112 Mar 11 j 00:32	30°℞♒	
morning rise	-1112 Mar 12 j 17:59	29°♒06'01	
desc. node	-1112 Mar 17 j 02:08	27°♒50'16	
direct	-1112 Mar 18 j 10:50	27°♒45'38	
	-1112 Mar 26 j 00:02	0°♓	
morning max el	-1112 Apr 01 j 18:48	5°♓17'05	26°16'33
	-1112 Apr 19 j 20:16	0°♈	
morning set	-1112 Apr 30 j 09:54	20°♈19'38	
asc. node	-1112 May 03 j 15:17	27°♈12'35	
	-1112 May 04 j 22:04	0°♉	
superior conj	-1112 May 07 j 11:08	5°♉34'13	0°39'27
minimum elong	-1112 May 07 j 09:29	5°♉25'11	0°39'07
max. Earth dist.	-1112 May 07 j 20:53	6°♉27'38	1.32522 AU
evening rise	-1112 May 14 j 12:10	20°♉43'36	
	-1112 May 19 j 02:41	0°♊	
	-1112 Jun 06 j 16:34	0°♋	
desc. node	-1112 Jun 13 j 01:20	7°♋15'54	
evening max el	-1112 Jun 13 j 23:50	8°♋10'48	26°53'22
retrograde	-1112 Jun 27 j 22:58	15°♋28'18	
evening set	-1112 Jul 04 j 19:58	13°♋23'24	
min. Earth dist.	-1112 Jul 08 j 13:30	10°♋43'25	0.60776 AU
inferior conj	-1112 Jul 11 j 20:05	7°♋57'09	-4°-29'-34
minimum elong	-1112 Jul 11 j 22:48	7°♋51'22	4°29'17
morning rise	-1112 Jul 19 j 04:44	3°♋09'56	
direct	-1112 Jul 21 j 15:37	2°♋46'15	
morning max el	-1112 Jul 28 j 20:00	6°♋17'55	18°05'24
asc. node	-1112 Jul 30 j 14:30	8°♋11'24	
	-1112 Aug 12 j 23:09	0°♌	
morning set	-1112 Aug 13 j 17:14	1°♌24'09	
superior conj	-1112 Aug 23 j 16:31	19°♌40'42	1°33'28
minimum elong	-1112 Aug 23 j 20:24	19°♌57'55	1°33'09
	-1112 Aug 29 j 15:01	0°♍	
max. Earth dist.	-1112 Aug 31 j 07:04	2°♍48'52	1.41645 AU
evening rise	-1112 Sep 05 j 22:57	12°♍06'01	
desc. node	-1112 Sep 09 j 00:41	16°♍58'58	
	-1112 Sep 17 j 13:05	0°♎	
greatest brilliancy	-1112 Oct 04 j 09:16	23°♎11'08	-0.3m
evening max el	-1112 Oct 09 j 04:41	28°♎34'54	22°34'13
	-1112 Oct 10 j 15:52	0°♏	
retrograde	-1112 Oct 18 j 22:41	4°♏22'43	
evening set	-1112 Oct 23 j 12:40	2°♏32'11	
	-1112 Oct 26 j 00:22	30°℞♎	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

asc. node	-1112 Oct 26 j 13:43	29°♎18'55	
inferior conj	-1112 Oct 28 j 21:46	26°♎10'47	0°47'56
minimum elong	-1112 Oct 28 j 20:40	26°♎14'35	0°47'29
min. Earth dist.	-1112 Oct 28 j 19:05	26°♎20'05	0.67588 AU
morning rise	-1112 Nov 03 j 04:35	19°♎56'41	
direct	-1112 Nov 07 j 16:11	18°♎08'18	
morning max el	-1112 Nov 16 j 23:20	23°♎38'19	22°07'06
greatest brilliancy	-1112 Nov 21 j 16:30	28°♎57'33	-0.4m
	-1112 Nov 22 j 12:41	0°♏	
desc. node	-1112 Dec 06 j 00:00	18°♏39'20	
	-1112 Dec 13 j 12:02	0°♐	
morning set	-1112 Dec 19 j 19:36	9°♐57'58	
max. Earth dist.	-1112 Dec 25 j 16:26	19°♐36'14	1.41104 AU
	-1112 Dec 31 j 17:57	0°♑	
superior conj	-1111 Jan 02 j 10:21	2°♑58'08	-2°00'-6
minimum elong	-1111 Jan 02 j 10:17	2°♑57'53	2°00'09
evening rise	-1111 Jan 12 j 20:12	22°♑01'26	
	-1111 Jan 17 j 03:47	0°♒	
asc. node	-1111 Jan 22 j 13:02	9°♒18'27	
evening max el	-1111 Jan 29 j 02:42	17°♒59'17	18°15'12
retrograde	-1111 Feb 05 j 03:58	21°♒30'57	
evening set	-1111 Feb 07 j 16:47	21°♒04'31	
inferior conj	-1111 Feb 14 j 17:50	16°♒19'17	3°41'48
minimum elong	-1111 Feb 14 j 20:06	16°♒14'18	3°41'33
min. Earth dist.	-1111 Feb 18 j 02:33	13°♒23'37	0.59859 AU
morning rise	-1111 Feb 21 j 20:06	10°♒41'22	
direct	-1111 Feb 28 j 09:39	8°♒42'34	
desc. node	-1111 Mar 03 j 23:10	9°♒15'50	
morning max el	-1111 Mar 14 j 16:13	16°♒26'53	27°18'17
	-1111 Mar 25 j 19:38	0°♓	
	-1111 Apr 12 j 06:19	0°♈	
morning set	-1111 Apr 14 j 18:43	5°♈08'09	
asc. node	-1111 Apr 20 j 12:19	17°♈23'54	
superior conj	-1111 Apr 21 j 22:49	20°♈32'41	0°15'10
minimum elong	-1111 Apr 21 j 22:09	20°♈28'58	0°15'01
behind sun begin	-1111 Apr 21 j 20:34	20°♈20'21	
behind sun end	-1111 Apr 21 j 23:43	20°♈37'35	
max. Earth dist.	-1111 Apr 21 j 09:48	19°♈21'18	1.32405 AU
	-1111 Apr 26 j 06:43	0°♉	
evening rise	-1111 Apr 28 j 21:47	5°♉36'46	
	-1111 May 11 j 20:33	0°♊	
evening max el	-1111 May 26 j 21:36	19°♊41'34	25°52'25
desc. node	-1111 May 30 j 22:22	23°♊05'38	
retrograde	-1111 Jun 09 j 23:16	26°♊55'08	
evening set	-1111 Jun 15 j 23:47	25°♊27'39	
min. Earth dist.	-1111 Jun 20 j 10:07	22°♊47'20	0.58717 AU
inferior conj	-1111 Jun 23 j 17:38	20°♊21'17	-4°-37'-15
minimum elong	-1111 Jun 23 j 16:51	20°♊22'44	4°37'15
morning rise	-1111 Jul 01 j 13:42	15°♊56'40	
direct	-1111 Jul 04 j 01:20	15°♊36'22	
morning max el	-1111 Jul 12 j 03:16	19°♊26'18	18°36'46
asc. node	-1111 Jul 17 j 11:33	25°♊57'30	
	-1111 Jul 20 j 01:23	0°♋	
morning set	-1111 Jul 28 j 08:51	15°♋16'05	
	-1111 Aug 05 j 00:18	0°♌	
superior conj	-1111 Aug 06 j 06:11	2°♌20'37	1°45'33
minimum elong	-1111 Aug 06 j 07:45	2°♌27'58	1°45'30
max. Earth dist.	-1111 Aug 13 j 10:58	15°♌24'36	1.39692 AU
evening rise	-1111 Aug 17 j 16:15	22°♌39'51	
	-1111 Aug 22 j 02:57	0°♍	
desc. node	-1111 Aug 26 j 21:41	7°♍33'52	
	-1111 Sep 11 j 11:53	0°♎	
evening max el	-1111 Sep 21 j 17:50	12°♎05'23	23°54'36
retrograde	-1111 Oct 02 j 14:36	18°♎29'18	

evening set	-1111 Oct 07 j 18:40	16°♎20'20	
min. Earth dist.	-1111 Oct 12 j 15:27	10°♎41'09	0.67491 AU
inferior conj	-1111 Oct 13 j 04:24	9°♎57'08	0°-5'-28
minimum elong	-1111 Oct 13 j 04:32	9°♎56'42	0°05'26
transit middle	-1111 Oct 13 j 04:32	9°♎56'42	0°05'26
transit begin	-1111 Oct 13 j 01:58	10°♎05'25	
transit end	-1111 Oct 13 j 07:06	9°♎47'59	
asc. node	-1111 Oct 13 j 10:46	9°♎35'32	
morning rise	-1111 Oct 18 j 14:34	3°♎47'26	
direct	-1111 Oct 22 j 12:33	2°♎20'31	
morning max el	-1111 Oct 30 j 17:46	7°♎08'06	20°48'00
greatest brilliancy	-1111 Nov 05 j 14:59	14°♎03'33	-0.5m
	-1111 Nov 16 j 21:55	0°♏	
desc. node	-1111 Nov 22 j 21:01	8°♏57'35	
morning set	-1111 Nov 28 j 22:55	18°♏19'09	
	-1111 Dec 06 j 08:05	0°♐	
max. Earth dist.	-1111 Dec 07 j 21:11	2°♐29'50	1.42937 AU
superior conj	-1111 Dec 14 j 14:29	13°♐35'37	-1°-52'-30
minimum elong	-1111 Dec 14 j 10:00	13°♐16'48	1°52'17
	-1111 Dec 24 j 02:30	0°♑	
evening rise	-1111 Dec 26 j 13:46	4°♑22'36	
asc. node	-1110 Jan 09 j 10:05	27°♑22'07	
	-1110 Jan 11 j 13:20	0°♒	
evening max el	-1110 Jan 12 j 14:02	1°♒05'22	18°07'58
retrograde	-1110 Jan 19 j 04:08	4°♒31'00	
evening set	-1110 Jan 21 j 20:57	3°♒56'05	
	-1110 Jan 27 j 04:36	30°℞♑	
inferior conj	-1110 Jan 28 j 09:11	28°♑49'24	3°54'01
minimum elong	-1110 Jan 28 j 09:05	28°♑49'38	3°54'01
min. Earth dist.	-1110 Jan 31 j 07:54	25°♑52'58	0.61916 AU
morning rise	-1110 Feb 03 j 18:54	22°♑56'40	
direct	-1110 Feb 10 j 18:27	20°♑26'19	
desc. node	-1110 Feb 18 j 20:13	23°♑17'22	
morning max el	-1110 Feb 24 j 19:35	28°♑15'56	27°45'10
	-1110 Feb 26 j 12:09	0°♒	
	-1110 Mar 19 j 13:32	0°♓	
morning set	-1110 Mar 29 j 23:01	19°♓40'09	
	-1110 Apr 03 j 21:17	0°♈	
max. Earth dist.	-1110 Apr 04 j 20:17	2°♈03'42	1.32651 AU
superior conj	-1110 Apr 06 j 09:11	5°♈23'39	0°-10'-38
minimum elong	-1110 Apr 06 j 09:40	5°♈26'21	0°10'32
behind sun begin	-1110 Apr 06 j 05:49	5°♈05'24	
behind sun end	-1110 Apr 06 j 13:32	5°♈47'18	
asc. node	-1110 Apr 07 j 09:23	7°♈35'25	
evening rise	-1110 Apr 13 j 09:18	20°♈32'20	
	-1110 Apr 18 j 00:27	0°♉	
	-1110 May 07 j 23:38	0°♊	
evening max el	-1110 May 08 j 13:56	0°♊34'55	24°27'56
desc. node	-1110 May 17 j 19:23	6°♊45'59	
retrograde	-1110 May 22 j 12:14	7°♊36'35	
evening set	-1110 May 27 j 05:16	6°♊46'47	
min. Earth dist.	-1110 Jun 02 j 01:33	3°♊49'52	0.56854 AU
inferior conj	-1110 Jun 04 j 19:24	2°♊04'35	-4°-10'-59
minimum elong	-1110 Jun 04 j 14:16	2°♊12'50	4°10'11
	-1110 Jun 08 j 05:07	30°℞♉	
morning rise	-1110 Jun 13 j 03:08	27°♉59'29	
direct	-1110 Jun 15 j 16:46	27°♉41'24	
	-1110 Jun 22 j 13:02	0°♊	
morning max el	-1110 Jun 25 j 02:04	2°♊03'04	19°28'56
asc. node	-1110 Jul 04 j 08:37	14°♊29'12	
morning set	-1110 Jul 12 j 09:09	29°♊35'34	
	-1110 Jul 12 j 14:02	0°♋	
superior conj	-1110 Jul 20 j 12:20	15°♋51'08	1°47'29
minimum elong	-1110 Jul 20 j 11:52	15°♋48'53	1°47'30

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

max. Earth dist.	-1110 Jul 26 j 13:54	27°♋26'08	1.37716 AU	
	-1110 Jul 27 j 23:24	0°♌		
evening rise	-1110 Jul 30 j 10:34	4°♌26'07		
desc. node	-1110 Aug 13 j 18:43	27°♌56'56		
	-1110 Aug 15 j 03:32	0°♍		
evening max el	-1110 Sep 04 j 05:23	25°♍40'22	25°11'30	
	-1110 Sep 09 j 08:14	0°♎		
retrograde	-1110 Sep 16 j 02:18	2°♎32'26		
evening set	-1110 Sep 21 j 21:18	0°♎06'12		
	-1110 Sep 22 j 00:09	30°℞♍		
min. Earth dist.	-1110 Sep 26 j 09:30	25°♍02'25	0.67081 AU	
inferior conj	-1110 Sep 27 j 09:07	23°♍45'14	-1°00'-28	
minimum elong	-1110 Sep 27 j 10:36	23°♍40'21	0°59'52	
asc. node	-1110 Sep 30 j 07:48	20°♍07'27		
morning rise	-1110 Oct 03 j 00:25	17°♍43'01		
direct	-1110 Oct 06 j 10:44	16°♍34'56		
morning max el	-1110 Oct 13 j 19:50	20°♍48'09	19°41'17	
	-1110 Oct 21 j 05:26	0°♎		
greatest brilliancy	-1110 Oct 22 j 01:22	1°♎10'17	-0.6m	
morning set	-1110 Nov 07 j 20:46	26°♎33'19		
desc. node	-1110 Nov 09 j 18:04	29°♎29'01		
	-1110 Nov 10 j 02:03	0°♏		
max. Earth dist.	-1110 Nov 20 j 09:39	16°♏11'27	1.44270 AU	
superior conj	-1110 Nov 24 j 15:38	22°♏59'03	-1°-27'-23	
minimum elong	-1110 Nov 24 j 07:46	22°♏27'26	1°26'39	
	-1110 Nov 28 j 23:26	0°♐		
evening rise	-1110 Dec 08 j 12:14	15°♐51'47		
	-1110 Dec 16 j 22:10	0°♑		
evening max el	-1110 Dec 27 j 02:37	14°♑23'23	18°19'40	
asc. node	-1110 Dec 27 j 07:07	14°♑34'40		
retrograde	-1109 Jan 02 j 14:56	17°♑55'30		
evening set	-1109 Jan 05 j 12:04	17°♑11'03		
inferior conj	-1109 Jan 11 j 14:33	11°♑44'07	3°45'14	
minimum elong	-1109 Jan 11 j 12:44	11°♑49'14	3°45'01	
min. Earth dist.	-1109 Jan 13 j 22:37	9°♑07'14	0.63758 AU	
morning rise	-1109 Jan 17 j 11:52	5°♑41'36		
direct	-1109 Jan 24 j 11:01	2°♑53'48		
desc. node	-1109 Feb 05 j 17:17	9°♑20'13		
morning max el	-1109 Feb 07 j 03:23	10°♑42'12	27°35'28	
	-1109 Feb 22 j 09:15	0°♒		
	-1109 Mar 11 j 21:57	0°♓		
morning set	-1109 Mar 13 j 20:20	3°♓47'18		
max. Earth dist.	-1109 Mar 19 j 00:28	14°♓21'56	1.33294 AU	
superior conj	-1109 Mar 21 j 16:25	20°♓00'49	0°-37'00	
minimum elong	-1109 Mar 21 j 18:09	20°♓10'07	0°36'39	
asc. node	-1109 Mar 25 j 06:27	27°♓42'52		
	-1109 Mar 26 j 08:00	0°♈		
evening rise	-1109 Mar 28 j 20:55	5°♈23'38		
	-1109 Apr 11 j 05:08	0°♉		
evening max el	-1109 Apr 20 j 05:26	11°♉11'41	22°53'11	
retrograde	-1109 May 03 j 12:12	17°♉45'57		
desc. node	-1109 May 04 j 16:26	17°♉42'51		
evening set	-1109 May 06 j 20:17	17°♉21'36		
min. Earth dist.	-1109 May 14 j 14:39	13°♉55'59	0.55530 AU	
inferior conj	-1109 May 16 j 02:04	13°♉04'58	-3°-1'-12	
minimum elong	-1109 May 15 j 19:13	13°♉14'52	2°59'17	
morning rise	-1109 May 24 j 20:55	9°♉10'27		
direct	-1109 May 27 j 14:14	8°♉52'59		
morning max el	-1109 Jun 07 j 14:15	13°♉59'37	20°41'36	
	-1109 Jun 19 j 06:25	0°♊		
asc. node	-1109 Jun 21 j 05:41	3°♊35'08		
morning set	-1109 Jun 26 j 15:20	14°♊14'26		
superior conj	-1109 Jul 04 j 06:11	29°♊58'00	1°41'32	
minimum elong	-1109 Jul 04 j 04:22	29°♊48'47	1°41'26	
	-1109 Jul 04 j 06:34	0°♋		
max. Earth dist.	-1109 Jul 08 j 21:36	9°♋15'35	1.35938 AU	
evening rise	-1109 Jul 13 j 01:43	17°♋13'43		
	-1109 Jul 20 j 05:48	0°♌		
desc. node	-1109 Jul 31 j 15:45	18°♌01'29		
	-1109 Aug 09 j 11:05	0°♍		
evening max el	-1109 Aug 17 j 16:55	9°♍15'43	26°17'13	
retrograde	-1109 Aug 30 j 09:06	16°♍25'56		
evening set	-1109 Sep 05 j 18:32	13°♍46'16		
min. Earth dist.	-1109 Sep 09 j 22:42	9°♍20'05	0.66333 AU	
inferior conj	-1109 Sep 11 j 09:59	7°♍31'19	-1°-55'-28	
minimum elong	-1109 Sep 11 j 12:51	7°♍22'32	1°54'23	
morning rise	-1109 Sep 17 j 08:05	1°♍39'53		
asc. node	-1109 Sep 17 j 04:51	1°♍44'37		
direct	-1109 Sep 20 j 08:57	0°♍47'17		
morning max el	-1109 Sep 27 j 04:40	4°♍35'44	18°49'32	
	-1109 Oct 14 j 21:13	0°♎		
morning set	-1109 Oct 18 j 12:34	5°♎46'04		
desc. node	-1109 Oct 27 j 15:07	20°♎08'53		
	-1109 Nov 02 j 21:25	0°♏		
max. Earth dist.	-1109 Nov 03 j 03:10	0°♏22'35	1.44925 AU	
superior conj	-1109 Nov 03 j 19:43	1°♏27'43	0°-45'-35	
minimum elong	-1109 Nov 03 j 13:55	1°♏04'52	0°44'54	
evening rise	-1109 Nov 19 j 11:41	26°♏22'36		
	-1109 Nov 21 j 17:39	0°♐		
evening max el	-1109 Dec 10 j 13:49	27°♐47'55	18°49'26	
	-1109 Dec 13 j 01:41	0°♑		
asc. node	-1109 Dec 14 j 04:08	0°♑42'22		
retrograde	-1109 Dec 17 j 08:21	1°♑37'07		
evening set	-1109 Dec 20 j 10:57	0°♑41'48		
	-1109 Dec 21 j 11:36	30°℞♐		
inferior conj	-1109 Dec 26 j 06:16	24°♐57'09	3°21'36	
minimum elong	-1109 Dec 26 j 03:33	25°♐05'28	3°21'00	
min. Earth dist.	-1109 Dec 27 j 23:06	22°♐52'05	0.65249 AU	
morning rise	-1109 Dec 31 j 19:08	18°♐47'46		
direct	-1108 Jan 07 j 10:12	15°♐57'26		
morning max el	-1108 Jan 20 j 13:08	23°♐36'16	26°53'14	
desc. node	-1108 Jan 23 j 14:22	26°♐50'58		
	-1108 Jan 26 j 07:02	0°♑		
	-1108 Feb 15 j 17:05	0°♒		
morning set	-1108 Feb 25 j 07:26	17°♒19'39		
max. Earth dist.	-1108 Feb 29 j 18:50	26°♒07'27	1.34371 AU	
	-1108 Mar 02 j 16:36	0°♓		
superior conj	-1108 Mar 04 j 18:28	4°♓17'46	-1°-2'-48	
minimum elong	-1108 Mar 04 j 21:20	4°♓32'44	1°02'18	
asc. node	-1108 Mar 11 j 03:30	17°♓42'05		
evening rise	-1108 Mar 12 j 06:48	20°♓04'27		
	-1108 Mar 17 j 05:20	0°♈		
evening max el	-1108 Apr 01 j 02:50	22°♈01'04	21°22'21	
retrograde	-1108 Apr 13 j 02:55	27°♈50'16		
evening set	-1108 Apr 15 j 13:10	27°♈36'46		
desc. node	-1108 Apr 20 j 13:29	25°♈54'37		
inferior conj	-1108 Apr 24 j 21:23	23°♈36'39	-1°-13'-29	
minimum elong	-1108 Apr 24 j 17:55	23°♈41'30	1°12'16	
min. Earth dist.	-1108 Apr 25 j 03:45	23°♈27'42	0.55033 AU	
morning rise	-1108 May 03 j 22:53	19°♈35'51		
direct	-1108 May 07 j 01:14	19°♈14'58		
morning max el	-1108 May 19 j 15:43	25°♈14'23	22°11'41	
	-1108 May 24 j 01:17	0°♉		
asc. node	-1108 Jun 07 j 02:47	23°♉06'42		
morning set	-1108 Jun 10 j 01:14	29°♉06'24		
	-1108 Jun 10 j 11:31	0°♊		
superior conj	-1108 Jun 17 j 08:08	14°♊30'34	1°29'30	
minimum elong	-1108 Jun 17 j 05:41	14°♊17'39	1°29'14	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

max. Earth dist.	-1108 Jun 20 j 14:05	21°♊16'13	1.34494 AU	
	-1108 Jun 24 j 22:36	0°♋		
evening rise	-1108 Jun 25 j 08:44	0°♋49'20		
	-1108 Jul 12 j 06:02	0°♌		
desc. node	-1108 Jul 17 j 12:46	7°♌39'23		
evening max el	-1108 Jul 30 j 04:36	22°♌43'48	27°03'58	
	-1108 Aug 11 j 11:29	0°♍		
retrograde	-1108 Aug 12 j 10:41	0°♍02'59		
	-1108 Aug 13 j 09:30	30°℞♌		
evening set	-1108 Aug 19 j 08:00	27°♌17'11		
min. Earth dist.	-1108 Aug 23 j 04:46	23°♌28'56	0.65222 AU	
inferior conj	-1108 Aug 25 j 04:56	21°♌11'49	-2°-48'-21	
minimum elong	-1108 Aug 25 j 08:55	21°♌00'29	2°47'02	
morning rise	-1108 Aug 31 j 11:17	15°♌34'20		
direct	-1108 Sep 03 j 05:03	14°♌53'40		
asc. node	-1108 Sep 03 j 01:56	14°♌53'45		
morning max el	-1108 Sep 09 j 18:11	18°♌26'35	18°14'07	
	-1108 Sep 18 j 07:47	0°♍		
morning set	-1108 Sep 28 j 08:22	16°♍21'22		
	-1108 Oct 06 j 16:41	0°♎		
superior conj	-1108 Oct 12 j 21:48	9°♎56'40	0°03'55	
minimum elong	-1108 Oct 12 j 22:18	9°♎58'39	0°03'51	
behind sun begin	-1108 Oct 12 j 11:34	9°♎15'59		
behind sun end	-1108 Oct 13 j 09:03	10°♎41'16		
desc. node	-1108 Oct 13 j 12:08	10°♎53'28		
max. Earth dist.	-1108 Oct 15 j 21:51	14°♎41'36	1.44842 AU	
	-1108 Oct 25 j 16:20	0°♏		
evening rise	-1108 Oct 29 j 11:32	5°♏55'16		
	-1108 Nov 14 j 04:50	0°♐		
greatest brilliancy	-1108 Nov 14 j 14:06	0°♐33'39	-0.7m	
evening max el	-1108 Nov 22 j 21:23	11°♐14'40	19°35'55	
retrograde	-1108 Nov 30 j 05:08	15°♐29'50		
asc. node	-1108 Nov 30 j 01:10	15°♐29'41		
evening set	-1108 Dec 03 j 14:55	14°♐21'51		
inferior conj	-1108 Dec 09 j 05:12	8°♐22'33	2°47'16	
minimum elong	-1108 Dec 09 j 02:19	8°♐31'58	2°46'25	
min. Earth dist.	-1108 Dec 10 j 08:04	6°♐54'47	0.66360 AU	
morning rise	-1108 Dec 14 j 13:00	2°♐08'44		
	-1108 Dec 17 j 20:40	30°℞♏		
direct	-1108 Dec 20 j 15:25	29°♏27'49		
	-1108 Dec 23 j 14:30	0°♐		
morning max el	-1107 Jan 01 j 22:28	6°♐44'47	25°46'03	
desc. node	-1107 Jan 09 j 11:24	15°♐23'15		
	-1107 Jan 20 j 00:50	0°♑		
morning set	-1107 Feb 07 j 03:48	0°♒03'12		
	-1107 Feb 07 j 03:06	0°♒		
max. Earth dist.	-1107 Feb 11 j 01:09	7°♒20'12	1.35900 AU	
superior conj	-1107 Feb 16 j 12:41	18°♒06'02	-1°-26'-28	
minimum elong	-1107 Feb 16 j 16:16	18°♒24'05	1°26'00	
	-1107 Feb 22 j 08:37	0°♓		
evening rise	-1107 Feb 24 j 12:53	4°♓27'27		
asc. node	-1107 Feb 26 j 00:32	7°♓27'45		
	-1107 Mar 11 j 08:33	0°♈		
evening max el	-1107 Mar 14 j 10:40	3°♈22'57	20°05'20	
retrograde	-1107 Mar 24 j 18:20	8°♈19'09		
evening set	-1107 Mar 26 j 22:02	8°♈07'11		
inferior conj	-1107 Apr 04 j 19:08	4°♈07'45	0°44'33	
minimum elong	-1107 Apr 04 j 21:05	4°♈04'48	0°43'52	
min. Earth dist.	-1107 Apr 06 j 17:53	2°♈57'28	0.55492 AU	
desc. node	-1107 Apr 07 j 10:32	2°♈33'02		
	-1107 Apr 12 j 18:18	30°℞♓		
morning rise	-1107 Apr 13 j 17:21	29°♓42'00		
direct	-1107 Apr 17 j 15:25	29°♓08'17		
	-1107 Apr 22 j 10:27	0°♈		
morning max el	-1107 May 01 j 09:07	5°♈55'59	23°51'32	
	-1107 May 18 j 10:31	0°♉		
asc. node	-1107 May 24 j 23:50	12°♉56'07		
morning set	-1107 May 25 j 12:58	14°♉04'50		
superior conj	-1107 Jun 01 j 15:23	29°♉19'17	1°12'47	
minimum elong	-1107 Jun 01 j 12:53	29°♉05'48	1°12'25	
	-1107 Jun 01 j 22:57	0°♊		
max. Earth dist.	-1107 Jun 03 j 15:48	3°♊38'37	1.33430 AU	
evening rise	-1107 Jun 09 j 03:09	14°♊59'39		
	-1107 Jun 17 j 00:52	0°♋		
desc. node	-1107 Jul 04 j 09:47	26°♋39'19		
	-1107 Jul 07 j 03:13	0°♌		
evening max el	-1107 Jul 12 j 15:18	5°♌53'49	27°24'52	
retrograde	-1107 Jul 26 j 06:39	13°♌15'00		
evening set	-1107 Aug 02 j 10:38	10°♌34'26		
min. Earth dist.	-1107 Aug 06 j 01:52	7°♌20'38	0.63735 AU	
inferior conj	-1107 Aug 08 j 15:26	4°♌41'53	-3°-36'-12	
minimum elong	-1107 Aug 08 j 19:56	4°♌30'15	3°35'02	
	-1107 Aug 14 j 00:53	30°℞♋		
morning rise	-1107 Aug 15 j 07:16	29°♋21'31		
direct	-1107 Aug 17 j 20:25	28°♋49'28		
asc. node	-1107 Aug 20 j 23:01	29°♋37'36		
	-1107 Aug 21 j 14:58	0°♌		
morning max el	-1107 Aug 24 j 09:41	2°♌15'14	17°56'06	
morning set	-1107 Sep 10 j 06:21	28°♌12'22		
	-1107 Sep 11 j 07:14	0°♍		
superior conj	-1107 Sep 22 j 18:50	19°♍24'25	0°48'32	
minimum elong	-1107 Sep 22 j 23:34	19°♍43'51	0°47'56	
max. Earth dist.	-1107 Sep 28 j 14:28	28°♍50'08	1.44050 AU	
	-1107 Sep 29 j 07:58	0°♎		
desc. node	-1107 Sep 30 j 09:07	1°♎40'01		
evening rise	-1107 Oct 08 j 19:29	14°♎50'56		
	-1107 Oct 18 j 18:36	0°♏		
greatest brilliancy	-1107 Oct 31 j 00:11	17°♏32'36	-0.5m	
evening max el	-1107 Nov 05 j 23:46	24°♏42'26	20°36'55	
retrograde	-1107 Nov 14 j 02:42	29°♏30'23		
asc. node	-1107 Nov 16 j 22:13	28°♏45'08		
evening set	-1107 Nov 17 j 21:46	28°♏07'32		
inferior conj	-1107 Nov 23 j 08:50	21°♏57'01	2°05'10	
minimum elong	-1107 Nov 23 j 06:20	22°♏05'31	2°04'17	
min. Earth dist.	-1107 Nov 23 j 23:20	21°♏07'42	0.67106 AU	
morning rise	-1107 Nov 28 j 14:25	15°♏41'08		
direct	-1107 Dec 04 j 01:59	13°♏17'49		
morning max el	-1107 Dec 15 j 06:51	19°♏58'50	24°23'41	
	-1107 Dec 23 j 20:32	0°♐		
desc. node	-1107 Dec 27 j 08:25	4°♐39'17		
	-1106 Jan 13 j 05:11	0°♑		
morning set	-1106 Jan 20 j 03:45	11°♑42'12		
max. Earth dist.	-1106 Jan 23 j 22:03	18°♑23'03	1.37816 AU	
	-1106 Jan 30 j 03:44	0°♒		
superior conj	-1106 Jan 30 j 19:47	1°♒17'02	-1°-45'-50	
minimum elong	-1106 Jan 30 j 23:12	1°♒33'33	1°45'36	
evening rise	-1106 Feb 08 j 12:53	18°♒26'23		
asc. node	-1106 Feb 12 j 21:33	26°♒54'42		
	-1106 Feb 14 j 13:31	0°♓		
evening max el	-1106 Feb 25 j 05:27	15°♓22'55	19°06'49	
retrograde	-1106 Mar 05 j 22:18	19°♓33'36		
evening set	-1106 Mar 08 j 04:35	19°♓17'53		
inferior conj	-1106 Mar 16 j 08:03	15°♓05'19	2°21'08	
minimum elong	-1106 Mar 16 j 12:33	14°♓57'33	2°19'52	
min. Earth dist.	-1106 Mar 19 j 09:26	12°♓59'51	0.56807 AU	
morning rise	-1106 Mar 24 j 16:27	10°♓07'28		
desc. node	-1106 Mar 25 j 07:35	9°♓53'37		
direct	-1106 Mar 29 j 18:09	9°♓07'09		
morning max el	-1106 Apr 12 j 23:48	16°♓27'12	25°28'16	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1106 Apr 23 j 23:49	0°♈	
morning set	-1106 May 10 j 00:53	29°♈04'05	
	-1106 May 10 j 11:29	0°♉	
asc. node	-1106 May 11 j 20:52	2°♉57'46	
superior conj	-1106 May 17 j 01:46	14°♉16'47	0°52'28
minimum elong	-1106 May 16 j 23:42	14°♉05'28	0°52'04
max. Earth dist.	-1106 May 18 j 00:42	16°♉21'46	1.32749 AU
evening rise	-1106 May 24 j 05:33	29°♉33'47	
	-1106 May 24 j 10:39	0°♊	
	-1106 Jun 10 j 04:12	0°♋	
desc. node	-1106 Jun 21 j 06:49	14°♋44'49	
evening max el	-1106 Jun 24 j 22:53	18°♋33'03	27°14'31
retrograde	-1106 Jul 08 j 19:59	25°♋51'55	
evening set	-1106 Jul 15 j 22:30	23°♋30'25	
min. Earth dist.	-1106 Jul 19 j 12:51	20°♋41'59	0.61920 AU
inferior conj	-1106 Jul 22 j 14:22	17°♋53'47	-4°-14'-31
minimum elong	-1106 Jul 22 j 18:14	17°♋44'54	4°13'53
morning rise	-1106 Jul 29 j 16:39	12°♋53'27	
direct	-1106 Aug 01 j 03:41	12°♋27'17	
asc. node	-1106 Aug 07 j 20:04	15°♋44'13	
morning max el	-1106 Aug 08 j 00:16	15°♋54'20	17°56'28
	-1106 Aug 17 j 20:36	0°♌	
morning set	-1106 Aug 24 j 00:38	11°♌01'43	
superior conj	-1106 Sep 03 j 19:12	0°♍12'53	1°20'57
minimum elong	-1106 Sep 04 j 00:06	0°♍34'01	1°20'27
	-1106 Sep 03 j 16:13	0°♍	
max. Earth dist.	-1106 Sep 11 j 02:59	12°♍32'41	1.42656 AU
desc. node	-1106 Sep 17 j 06:08	22°♍24'59	
evening rise	-1106 Sep 18 j 04:35	23°♍53'28	
	-1106 Sep 22 j 02:53	0°♎	
	-1106 Oct 12 j 21:50	0°♏	
greatest brilliancy	-1106 Oct 15 j 00:37	2°♏41'04	-0.4m
evening max el	-1106 Oct 19 j 20:19	8°♏10'26	21°49'15
retrograde	-1106 Oct 28 j 23:05	13°♏35'30	
evening set	-1106 Nov 02 j 05:37	11°♏55'35	
asc. node	-1106 Nov 03 j 19:16	10°♏28'23	
inferior conj	-1106 Nov 07 j 15:03	5°♏37'18	1°17'23
minimum elong	-1106 Nov 07 j 13:20	5°♏43'11	1°16'41
min. Earth dist.	-1106 Nov 07 j 18:26	5°♏25'36	0.67513 AU
	-1106 Nov 12 j 04:02	30°℞♎	
morning rise	-1106 Nov 12 j 20:49	29°♎21'54	
direct	-1106 Nov 17 j 17:04	27°♎20'19	
	-1106 Nov 24 j 00:47	0°♏	
morning max el	-1106 Nov 27 j 16:30	3°♏16'14	22°56'08
greatest brilliancy	-1106 Dec 02 j 11:06	8°♏37'06	-0.3m
desc. node	-1106 Dec 14 j 05:26	24°♏25'59	
	-1106 Dec 18 j 00:36	0°♐	
morning set	-1105 Jan 01 j 01:01	22°♐00'07	
max. Earth dist.	-1105 Jan 05 j 17:25	29°♐53'58	1.39926 AU
	-1105 Jan 05 j 18:49	0°♑	
superior conj	-1105 Jan 13 j 11:20	13°♑38'48	-1°-57'-58
minimum elong	-1105 Jan 13 j 13:06	13°♑46'56	1°57'56
	-1105 Jan 22 j 04:06	0°♒	
evening rise	-1105 Jan 23 j 03:55	1°♒53'44	
asc. node	-1105 Jan 30 j 18:34	15°♒56'13	
evening max el	-1105 Feb 08 j 08:58	27°♒55'19	18°28'17
	-1105 Feb 10 j 22:23	0°♓	
retrograde	-1105 Feb 15 j 21:08	1°♓36'25	
evening set	-1105 Feb 18 j 07:49	1°♓14'11	
	-1105 Feb 21 j 02:49	30°℞♒	
inferior conj	-1105 Feb 25 j 17:40	26°♒41'19	3°22'12
minimum elong	-1105 Feb 25 j 21:15	26°♒34'06	3°21'35
min. Earth dist.	-1105 Mar 01 j 03:53	23°♒57'28	0.58676 AU
morning rise	-1105 Mar 05 j 06:58	21°♒15'53	
direct	-1105 Mar 11 j 10:02	19°♒38'59	
desc. node	-1105 Mar 12 j 04:37	19°♒40'31	
morning max el	-1105 Mar 25 j 17:36	27°♒16'20	26°46'43
	-1105 Mar 28 j 08:40	0°♓	
	-1105 Apr 17 j 10:04	0°♈	
morning set	-1105 Apr 24 j 11:21	13°♈58'44	
asc. node	-1105 Apr 28 j 17:54	23°♈07'07	
superior conj	-1105 May 01 j 13:29	29°♈16'55	0°29'23
minimum elong	-1105 May 01 j 12:13	29°♈09'57	0°29'07
max. Earth dist.	-1105 May 01 j 13:25	29°♈16'33	1.32429 AU
	-1105 May 01 j 21:20	0°♉	
evening rise	-1105 May 08 j 13:13	14°♉22'53	
	-1105 May 16 j 11:36	0°♊	
	-1105 Jun 06 j 12:01	0°♋	
evening max el	-1105 Jun 07 j 00:49	0°♋30'55	26°31'07
desc. node	-1105 Jun 08 j 03:51	1°♋33'22	
retrograde	-1105 Jun 21 j 01:11	7°♋46'18	
evening set	-1105 Jun 27 j 15:07	5°♋56'43	
min. Earth dist.	-1105 Jul 01 j 14:03	3°♋18'47	0.59897 AU
inferior conj	-1105 Jul 04 j 22:17	0°♋38'49	-4°-36'-14
minimum elong	-1105 Jul 04 j 23:44	0°♋35'54	4°36'10
	-1105 Jul 05 j 17:46	30°℞♊	
morning rise	-1105 Jul 12 j 11:40	26°♊00'57	
direct	-1105 Jul 14 j 22:49	25°♊38'43	
morning max el	-1105 Jul 22 j 11:02	29°♊16'38	18°16'15
	-1105 Jul 23 j 04:24	0°♋	
asc. node	-1105 Jul 25 j 17:07	2°♋58'38	
morning set	-1105 Aug 07 j 09:47	24°♋34'49	
	-1105 Aug 10 j 06:25	0°♌	
superior conj	-1105 Aug 16 j 20:54	12°♌17'04	1°39'58
minimum elong	-1105 Aug 16 j 23:49	12°♌30'19	1°39'48
max. Earth dist.	-1105 Aug 24 j 10:18	25°♌36'41	1.40840 AU
	-1105 Aug 27 j 00:42	0°♍	
evening rise	-1105 Aug 29 j 07:45	3°♍47'29	
desc. node	-1105 Sep 04 j 03:10	13°♍05'05	
	-1105 Sep 15 j 10:15	0°♎	
greatest brilliancy	-1105 Sep 26 j 20:33	15°♎19'52	-0.2m
evening max el	-1105 Oct 02 j 11:42	21°♎40'01	23°08'17
retrograde	-1105 Oct 12 j 16:54	27°♎43'04	
evening set	-1105 Oct 17 j 12:49	25°♎44'36	
asc. node	-1105 Oct 21 j 16:18	21°♎03'43	
inferior conj	-1105 Oct 22 j 22:02	19°♎22'11	0°25'36
minimum elong	-1105 Oct 22 j 21:26	19°♎24'15	0°25'20
min. Earth dist.	-1105 Oct 22 j 14:58	19°♎46'28	0.67596 AU
morning rise	-1105 Oct 28 j 06:05	13°♎09'49	
direct	-1105 Nov 01 j 11:45	11°♎30'45	
morning max el	-1105 Nov 10 j 07:04	16°♎41'14	21°32'09
greatest brilliancy	-1105 Nov 15 j 08:33	22°♎28'47	-0.4m
	-1105 Nov 21 j 00:44	0°♏	
desc. node	-1105 Dec 01 j 02:27	14°♏34'58	
	-1105 Dec 11 j 03:13	0°♐	
morning set	-1105 Dec 11 j 17:26	0°♐56'13	
max. Earth dist.	-1105 Dec 18 j 18:28	12°♐18'57	1.41941 AU
superior conj	-1105 Dec 26 j 05:59	24°♐58'15	-1°-58'-50
minimum elong	-1105 Dec 26 j 04:10	24°♐50'24	1°58'49
	-1105 Dec 29 j 02:55	0°♑	
evening rise	-1104 Jan 06 j 06:33	14°♑42'05	
	-1104 Jan 14 j 21:00	0°♒	
asc. node	-1104 Jan 17 j 15:37	4°♒24'07	
evening max el	-1104 Jan 22 j 18:17	10°♒51'33	18°09'42
retrograde	-1104 Jan 29 j 13:30	14°♒19'04	
evening set	-1104 Feb 01 j 04:04	13°♒49'03	
inferior conj	-1104 Feb 07 j 23:13	8°♒54'15	3°50'04
minimum elong	-1104 Feb 08 j 00:26	8°♒51'23	3°49'58

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

min. Earth dist.	-1104 Feb 11 j 04:25	5°♒55'41	0.60748 AU
morning rise	-1104 Feb 14 j 17:59	3°♒09'17	
direct	-1104 Feb 21 j 13:03	0°♒56'03	
desc. node	-1104 Feb 27 j 01:40	2°♒16'14	
morning max el	-1104 Mar 06 j 17:41	8°♒42'41	27°34'24
	-1104 Mar 23 j 01:25	0°♓	
morning set	-1104 Apr 07 j 18:31	28°♓41'21	
	-1104 Apr 08 j 09:43	0°♈	
max. Earth dist.	-1104 Apr 14 j 01:59	12°♈08'18	1.32464 AU
asc. node	-1104 Apr 14 j 14:56	13°♈19'03	
superior conj	-1104 Apr 15 j 00:47	14°♈12'55	0°04'21
minimum elong	-1104 Apr 15 j 00:35	14°♈11'49	0°04'19
behind sun begin	-1104 Apr 14 j 19:43	13°♈45'08	
behind sun end	-1104 Apr 15 j 05:28	14°♈38'30	
evening rise	-1104 Apr 21 j 23:52	29°♈18'06	
	-1104 Apr 22 j 07:50	0°♉	
	-1104 May 09 j 02:07	0°♊	
evening max el	-1104 May 18 j 19:50	11°♊43'44	25°18'39
desc. node	-1104 May 25 j 00:54	16°♊33'01	
retrograde	-1104 Jun 01 j 20:40	18°♊53'29	
evening set	-1104 Jun 07 j 09:08	17°♊42'32	
min. Earth dist.	-1104 Jun 12 j 07:41	14°♊57'11	0.57884 AU
inferior conj	-1104 Jun 15 j 11:36	12°♊46'12	-4°-31'00
minimum elong	-1104 Jun 15 j 08:55	12°♊50'51	4°30'48
morning rise	-1104 Jun 23 j 12:38	8°♊30'48	
direct	-1104 Jun 26 j 01:12	8°♊11'28	
morning max el	-1104 Jul 04 j 15:01	12°♊12'40	18°56'28
asc. node	-1104 Jul 11 j 14:11	21°♊05'32	
	-1104 Jul 16 j 17:26	0°♋	
morning set	-1104 Jul 21 j 05:28	8°♋39'32	
superior conj	-1104 Jul 29 j 18:14	25°♋20'32	1°47'28
minimum elong	-1104 Jul 29 j 18:52	25°♋23'35	1°47'29
	-1104 Aug 01 j 05:18	0°♌	
max. Earth dist.	-1104 Aug 05 j 13:20	7°♌56'40	1.38839 AU
evening rise	-1104 Aug 09 j 11:54	14°♌52'12	
	-1104 Aug 18 j 16:38	0°♍	
desc. node	-1104 Aug 21 j 00:13	3°♍35'48	
	-1104 Sep 09 j 05:00	0°♎	
evening max el	-1104 Sep 13 j 23:48	5°♎12'15	24°28'06
retrograde	-1104 Sep 25 j 07:09	11°♎49'21	
evening set	-1104 Sep 30 j 17:39	9°♎32'27	
min. Earth dist.	-1104 Oct 05 j 10:35	4°♎08'18	0.67357 AU
inferior conj	-1104 Oct 06 j 04:05	3°♎09'41	0°-28'-40
minimum elong	-1104 Oct 06 j 04:47	3°♎07'21	0°28'24
asc. node	-1104 Oct 07 j 13:21	1°♎19'53	
	-1104 Oct 08 j 15:07	30°℞♍	
morning rise	-1104 Oct 11 j 16:15	27°♍03'04	
direct	-1104 Oct 15 j 08:58	25°♍44'43	
	-1104 Oct 22 j 22:20	0°♎	
morning max el	-1104 Oct 23 j 04:54	0°♎16'26	20°18'00
greatest brilliancy	-1104 Oct 29 j 21:24	8°♎20'37	-0.6m
	-1104 Nov 13 j 17:04	0°♏	
desc. node	-1104 Nov 16 j 23:31	4°♏59'56	
morning set	-1104 Nov 19 j 15:31	9°♏06'42	
max. Earth dist.	-1104 Nov 30 j 03:04	25°♏36'45	1.43576 AU
	-1104 Dec 02 j 20:17	0°♐	
superior conj	-1104 Dec 05 j 22:44	5°♐04'26	-1°-44'-6
minimum elong	-1104 Dec 05 j 16:24	4°♐38'25	1°43'40
evening rise	-1104 Dec 18 j 16:40	26°♐43'23	
	-1104 Dec 20 j 13:52	0°♑	
asc. node	-1103 Jan 03 j 12:40	22°♑08'17	
evening max el	-1103 Jan 05 j 06:28	24°♑03'55	18°10'36
retrograde	-1103 Jan 11 j 18:56	27°♑31'19	
evening set	-1103 Jan 14 j 13:22	26°♑52'35	
inferior conj	-1103 Jan 20 j 21:06	21°♑36'55	3°52'28
minimum elong	-1103 Jan 20 j 20:10	21°♑39'23	3°52'24
min. Earth dist.	-1103 Jan 23 j 13:49	18°♑46'42	0.62732 AU
morning rise	-1103 Jan 27 j 01:00	15°♑39'14	
direct	-1103 Feb 03 j 01:16	12°♑59'42	
desc. node	-1103 Feb 12 j 22:42	17°♑14'31	
morning max el	-1103 Feb 16 j 23:34	20°♑50'16	27°45'26
	-1103 Feb 24 j 22:36	0°♒	
	-1103 Mar 16 j 01:17	0°♓	
morning set	-1103 Mar 22 j 20:13	13°♓04'31	
max. Earth dist.	-1103 Mar 28 j 10:23	24°♓42'46	1.32874 AU
superior conj	-1103 Mar 30 j 10:03	28°♓58'59	0°-21'-49
minimum elong	-1103 Mar 30 j 11:04	29°♓04'31	0°21'36
	-1103 Mar 30 j 21:20	0°♈	
asc. node	-1103 Apr 01 j 12:00	3°♈29'36	
evening rise	-1103 Apr 06 j 11:40	14°♈12'47	
	-1103 Apr 14 j 11:15	0°♉	
evening max el	-1103 Apr 30 j 10:45	22°♉25'45	23°47'54
desc. node	-1103 May 11 j 21:55	29°♉07'07	
retrograde	-1103 May 14 j 04:31	29°♉18'56	
evening set	-1103 May 18 j 06:52	28°♉41'46	
min. Earth dist.	-1103 May 24 j 21:42	25°♉33'56	0.56204 AU
inferior conj	-1103 May 27 j 04:43	24°♉10'16	-3°-46'-53
minimum elong	-1103 May 26 j 22:18	24°♉20'05	3°45'31
morning rise	-1103 Jun 04 j 17:28	20°♉11'33	
direct	-1103 Jun 07 j 08:08	19°♉54'10	
morning max el	-1103 Jun 17 j 09:33	24°♉33'23	19°57'30
	-1103 Jun 22 j 04:27	0°♊	
asc. node	-1103 Jun 28 j 11:15	9°♊52'48	
morning set	-1103 Jul 05 j 08:30	23°♊07'35	
	-1103 Jul 08 j 17:33	0°♋	
superior conj	-1103 Jul 13 j 05:50	9°♋07'56	1°45'49
minimum elong	-1103 Jul 13 j 04:43	9°♋02'21	1°45'47
max. Earth dist.	-1103 Jul 18 j 17:07	19°♋47'44	1.36919 AU
evening rise	-1103 Jul 22 j 15:36	27°♋05'44	
	-1103 Jul 24 j 06:26	0°♌	
desc. node	-1103 Aug 07 j 21:16	23°♌51'46	
	-1103 Aug 12 j 02:41	0°♍	
evening max el	-1103 Aug 27 j 10:58	18°♍47'06	25°41'20
retrograde	-1103 Sep 08 j 17:01	25°♍49'04	
evening set	-1103 Sep 14 j 18:16	23°♍16'17	
min. Earth dist.	-1103 Sep 19 j 02:54	18°♍28'18	0.66797 AU
inferior conj	-1103 Sep 20 j 07:23	16°♍57'09	-1°-23'-57
minimum elong	-1103 Sep 20 j 09:28	16°♍50'29	1°23'07
asc. node	-1103 Sep 24 j 10:25	12°♍14'04	
morning rise	-1103 Sep 26 j 01:24	10°♍59'09	
direct	-1103 Sep 29 j 07:17	9°♍58'17	
morning max el	-1103 Oct 06 j 10:04	14°♍00'15	19°17'20
greatest brilliancy	-1103 Oct 16 j 18:04	27°♍36'20	-0.7m
	-1103 Oct 18 j 08:22	0°♎	
morning set	-1103 Oct 29 j 18:36	17°♎39'15	
desc. node	-1103 Nov 03 j 20:33	25°♎35'25	
	-1103 Nov 06 j 16:10	0°♏	
max. Earth dist.	-1103 Nov 12 j 17:33	9°♏31'32	1.44629 AU
superior conj	-1103 Nov 15 j 13:23	14°♏00'09	-1°-11'-22
minimum elong	-1103 Nov 15 j 05:35	13°♏29'11	1°10'32
	-1103 Nov 25 j 11:48	0°♐	
evening rise	-1103 Nov 30 j 05:43	7°♐48'22	
	-1103 Dec 13 j 23:26	0°♑	
evening max el	-1103 Dec 19 j 18:46	7°♑25'28	18°30'11
asc. node	-1103 Dec 21 j 09:42	8°♑55'24	
retrograde	-1103 Dec 26 j 08:57	11°♑03'49	
evening set	-1103 Dec 29 j 08:08	10°♑15'07	
inferior conj	-1102 Jan 04 j 07:19	4°♑40'34	3°36'42

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1102 Jan 04 j 05:01	4°♉47'17	3°36'20
min. Earth dist.	-1102 Jan 06 j 08:56	2°♉15'48	0.64438 AU
	-1102 Jan 08 j 11:22	30°℞♐	
morning rise	-1102 Jan 10 j 00:33	28°♐34'37	
direct	-1102 Jan 16 j 21:03	25°♐43'42	
	-1102 Jan 26 j 11:29	0°♉	
morning max el	-1102 Jan 30 j 08:32	3°♉30'11	27°20'59
desc. node	-1102 Jan 30 j 19:45	3°♉58'26	
	-1102 Feb 19 j 08:12	0°♒	
morning set	-1102 Mar 06 j 13:38	26°♒58'28	
	-1102 Mar 08 j 02:24	0°♓	
max. Earth dist.	-1102 Mar 11 j 10:31	6°♓46'34	1.33695 AU
superior conj	-1102 Mar 14 j 15:21	13°♓28'31	0°-48'-6
minimum elong	-1102 Mar 14 j 17:36	13°♓40'25	0°47'40
asc. node	-1102 Mar 19 j 09:04	23°♓34'08	
evening rise	-1102 Mar 21 j 22:44	29°♓00'10	
	-1102 Mar 22 j 10:12	0°♈	
	-1102 Apr 09 j 06:21	0°♉	
evening max el	-1102 Apr 12 j 04:02	3°♉04'51	22°13'21
retrograde	-1102 Apr 24 j 23:54	9°♉21'49	
evening set	-1102 Apr 27 j 20:26	9°♉03'49	
desc. node	-1102 Apr 28 j 18:55	8°♉50'27	
min. Earth dist.	-1102 May 06 j 11:00	5°♉21'42	0.55202 AU
inferior conj	-1102 May 07 j 05:10	4°♉56'03	-2°-18'-56
minimum elong	-1102 May 06 j 23:11	5°♉04'31	2°17'02
morning rise	-1102 May 16 j 03:40	1°♉00'49	
direct	-1102 May 18 j 23:37	0°♉42'42	
morning max el	-1102 May 30 j 17:04	6°♉12'13	21°18'06
asc. node	-1102 Jun 15 j 08:20	29°♉10'45	
	-1102 Jun 15 j 18:30	0°♊	
morning set	-1102 Jun 19 j 16:29	7°♊52'46	
superior conj	-1102 Jun 27 j 03:30	23°♊27'07	1°37'05
minimum elong	-1102 Jun 27 j 01:21	23°♊15'56	1°36'55
	-1102 Jun 30 j 08:20	0°♋	
max. Earth dist.	-1102 Jul 01 j 04:01	1°♋38'48	1.35275 AU
evening rise	-1102 Jul 05 j 14:07	10°♋16'01	
	-1102 Jul 16 j 18:34	0°♌	
desc. node	-1102 Jul 25 j 18:16	13°♌46'24	
	-1102 Aug 07 j 15:02	0°♍	
evening max el	-1102 Aug 09 j 22:41	2°♍21'13	26°40'00
retrograde	-1102 Aug 22 j 21:46	9°♍36'39	
evening set	-1102 Aug 29 j 12:31	6°♍53'30	
min. Earth dist.	-1102 Sep 02 j 13:29	2°♍43'17	0.65897 AU
inferior conj	-1102 Sep 04 j 06:02	0°♍42'01	-2°-18'-20
minimum elong	-1102 Sep 04 j 09:25	0°♍31'55	2°17'06
	-1102 Sep 04 j 20:08	30°℞♌	
morning rise	-1102 Sep 10 j 07:27	24°♌55'50	
asc. node	-1102 Sep 11 j 07:29	24°♌28'57	
direct	-1102 Sep 13 j 04:57	24°♌08'44	
morning max el	-1102 Sep 19 j 21:08	27°♌49'53	18°32'22
	-1102 Sep 21 j 20:05	0°♍	
morning set	-1102 Oct 09 j 21:59	27°♍26'49	
	-1102 Oct 11 j 12:05	0°♎	
desc. node	-1102 Oct 21 j 17:36	16°♎17'57	
superior conj	-1102 Oct 25 j 13:49	22°♎21'30	0°-24'-48
minimum elong	-1102 Oct 25 j 10:32	22°♎08'35	0°24'23
max. Earth dist.	-1102 Oct 26 j 11:37	23°♎47'15	1.44980 AU
	-1102 Oct 30 j 10:27	0°♏	
evening rise	-1102 Nov 10 j 18:48	17°♏53'21	
	-1102 Nov 18 j 10:25	0°♐	
evening max el	-1102 Dec 03 j 04:44	20°♐51'50	19°07'17
asc. node	-1102 Dec 08 j 06:44	24°♐31'00	
retrograde	-1102 Dec 10 j 04:00	24°♐50'46	
evening set	-1102 Dec 13 j 09:28	23°♐50'19	
inferior conj	-1102 Dec 19 j 02:25	17°♐59'20	3°08'06
minimum elong	-1102 Dec 18 j 23:34	18°♐08'23	3°07'23
min. Earth dist.	-1102 Dec 20 j 13:12	16°♐09'38	0.65776 AU
morning rise	-1102 Dec 24 j 12:46	11°♐47'57	
direct	-1102 Dec 30 j 23:02	9°♐00'05	
morning max el	-1101 Jan 12 j 18:01	16°♐30'57	26°27'02
desc. node	-1101 Jan 17 j 16:48	21°♐57'54	
	-1101 Jan 23 j 23:44	0°♉	
	-1101 Feb 12 j 04:40	0°♒	
morning set	-1101 Feb 17 j 19:04	10°♒11'48	
max. Earth dist.	-1101 Feb 21 j 23:30	18°♒15'45	1.34971 AU
superior conj	-1101 Feb 26 j 14:27	27°♒34'37	-1°-13'-12
minimum elong	-1101 Feb 26 j 17:41	27°♒51'18	1°12'42
	-1101 Feb 27 j 18:39	0°♓	
evening rise	-1101 Mar 06 j 07:15	13°♓34'15	
asc. node	-1101 Mar 06 j 06:05	13°♓28'16	
	-1101 Mar 14 j 20:18	0°♈	
evening max el	-1101 Mar 25 j 05:43	14°♈07'07	20°47'29
retrograde	-1101 Apr 05 j 12:48	19°♈33'01	
evening set	-1101 Apr 07 j 18:47	19°♈20'58	
desc. node	-1101 Apr 15 j 15:58	16°♈08'33	
inferior conj	-1101 Apr 16 j 23:39	15°♈23'36	0°-22'-32
minimum elong	-1101 Apr 16 j 22:36	15°♈25'07	0°22'10
min. Earth dist.	-1101 Apr 18 j 00:26	14°♈48'12	0.55116 AU
morning rise	-1101 Apr 26 j 01:10	11°♈14'04	
direct	-1101 Apr 29 j 10:54	10°♈48'58	
morning max el	-1101 May 12 j 14:23	17°♈10'18	22°53'36
	-1101 May 22 j 20:11	0°♉	
asc. node	-1101 Jun 02 j 05:23	18°♉50'46	
morning set	-1101 Jun 04 j 03:22	22°♉48'18	
	-1101 Jun 07 j 12:50	0°♊	
superior conj	-1101 Jun 11 j 07:59	8°♊07'26	1°22'55
minimum elong	-1101 Jun 11 j 05:27	7°♊53'55	1°22'35
max. Earth dist.	-1101 Jun 14 j 00:46	13°♊49'17	1.33996 AU
evening rise	-1101 Jun 19 j 02:29	24°♊08'09	
	-1101 Jun 22 j 03:18	0°♋	
	-1101 Jul 10 j 08:01	0°♌	
desc. node	-1101 Jul 12 j 15:16	3°♌09'50	
evening max el	-1101 Jul 23 j 10:25	15°♌44'02	27°16'29
retrograde	-1101 Aug 05 j 20:49	23°♌03'54	
evening set	-1101 Aug 12 j 21:44	20°♌19'08	
min. Earth dist.	-1101 Aug 16 j 15:58	16°♌46'04	0.64635 AU
inferior conj	-1101 Aug 18 j 21:42	14°♌19'00	-3°-9'-30
minimum elong	-1101 Aug 19 j 02:00	14°♌07'13	3°08'11
morning rise	-1101 Aug 25 j 07:56	8°♌48'09	
direct	-1101 Aug 27 j 23:31	8°♌11'22	
asc. node	-1101 Aug 29 j 04:33	8°♌19'05	
morning max el	-1101 Sep 03 j 11:44	11°♌40'07	18°04'16
	-1101 Sep 16 j 02:41	0°♍	
morning set	-1101 Sep 21 j 05:33	8°♍36'28	
	-1101 Oct 04 j 04:38	0°♎	
superior conj	-1101 Oct 04 j 21:51	1°♎09'20	0°24'03
minimum elong	-1101 Oct 05 j 00:40	1°♎20'37	0°23'39
desc. node	-1101 Oct 08 j 14:37	7°♎03'42	
max. Earth dist.	-1101 Oct 09 j 06:10	8°♎05'23	1.44593 AU
evening rise	-1101 Oct 21 j 10:16	27°♎06'15	
	-1101 Oct 23 j 07:19	0°♏	
greatest brilliancy	-1101 Nov 09 j 07:21	25°♏27'35	-0.6m
	-1101 Nov 12 j 16:56	0°♐	
evening max el	-1101 Nov 16 j 10:18	4°♐19'28	20°00'17
retrograde	-1101 Nov 24 j 01:19	8°♐47'23	
asc. node	-1101 Nov 25 j 03:45	8°♐40'26	
evening set	-1101 Nov 27 j 14:55	7°♐33'10	
inferior conj	-1101 Dec 03 j 03:37	1°♐28'42	2°30'14

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1101 Dec 03 j 00:50	1°♐37'57	2°29'19
min. Earth dist.	-1101 Dec 04 j 00:59	0°♐17'33	0.66724 AU
	-1101 Dec 04 j 06:17	30°℞♏	
morning rise	-1101 Dec 08 j 10:11	25°♏14'00	
direct	-1101 Dec 14 j 06:30	22°♏39'58	
morning max el	-1101 Dec 26 j 02:48	29°♏42'22	25°12'21
	-1101 Dec 26 j 09:46	0°♐	
desc. node	-1100 Jan 04 j 13:52	10°♐50'38	
	-1100 Jan 17 j 20:52	0°♑	
morning set	-1100 Jan 31 j 07:33	22°♑30'16	
max. Earth dist.	-1100 Feb 04 j 01:32	29°♑22'18	1.36679 AU
	-1100 Feb 04 j 09:35	0°♒	
superior conj	-1100 Feb 10 j 04:27	11°♒09'00	-1°-35'-21
minimum elong	-1100 Feb 10 j 08:07	11°♒27'06	1°34'58
evening rise	-1100 Feb 18 j 11:06	27°♒48'43	
	-1100 Feb 19 j 13:18	0°♓	
asc. node	-1100 Feb 21 j 03:06	3°♓07'14	
evening max el	-1100 Mar 06 j 18:23	25°♓45'58	19°38'00
	-1100 Mar 13 j 15:44	0°♈	
retrograde	-1100 Mar 16 j 08:29	0°♈21'18	
evening set	-1100 Mar 18 j 12:52	0°♈08'05	
	-1100 Mar 19 j 03:19	30°℞♓	
inferior conj	-1100 Mar 27 j 02:44	26°♓04'00	1°29'25
minimum elong	-1100 Mar 27 j 06:16	25°♓58'24	1°28'17
min. Earth dist.	-1100 Mar 29 j 14:45	24°♓29'17	0.55963 AU
desc. node	-1100 Apr 01 j 13:00	22°♓48'53	
morning rise	-1100 Apr 04 j 20:14	21°♓25'06	
direct	-1100 Apr 09 j 05:38	20°♓41'56	
morning max el	-1100 Apr 23 j 05:53	27°♓44'37	24°33'59
	-1100 Apr 25 j 11:11	0°♈	
	-1100 May 14 j 19:49	0°♉	
morning set	-1100 May 18 j 15:26	7°♉48'33	
asc. node	-1100 May 19 j 02:26	8°♉46'34	
superior conj	-1100 May 25 j 16:50	23°♉01'07	1°04'33
minimum elong	-1100 May 25 j 14:28	22°♉48'16	1°04'10
max. Earth dist.	-1100 May 27 j 06:12	26°♉23'03	1.33100 AU
	-1100 May 28 j 22:44	0°♊	
evening rise	-1100 Jun 02 j 00:42	8°♊30'13	
	-1100 Jun 13 j 13:28	0°♋	
desc. node	-1100 Jun 28 j 12:16	21°♋48'57	
evening max el	-1100 Jul 04 j 20:06	28°♋42'28	27°24'21
	-1100 Jul 06 j 05:50	0°♌	
retrograde	-1100 Jul 18 j 13:47	6°♌02'19	
evening set	-1100 Jul 25 j 18:34	3°♌27'59	
min. Earth dist.	-1100 Jul 29 j 08:37	0°♌26'41	0.63008 AU
	-1100 Jul 29 j 19:46	30°℞♋	
inferior conj	-1100 Aug 01 j 03:40	27°♋42'11	-3°-53'-56
minimum elong	-1100 Aug 01 j 08:05	27°♋31'20	3°52'58
morning rise	-1100 Aug 07 j 23:52	22°♋30'05	
direct	-1100 Aug 10 j 11:57	22°♋00'44	
asc. node	-1100 Aug 15 j 01:37	23°♋39'53	
morning max el	-1100 Aug 17 j 03:11	25°♋25'31	17°53'58
	-1100 Aug 20 j 22:49	0°♌	
morning set	-1100 Sep 02 j 12:51	20°♌54'02	
	-1100 Sep 07 j 17:13	0°♍	
superior conj	-1100 Sep 14 j 06:13	11°♍10'28	1°03'58
minimum elong	-1100 Sep 14 j 11:26	11°♍32'19	1°03'22
max. Earth dist.	-1100 Sep 20 j 21:41	22°♍06'04	1.43525 AU
desc. node	-1100 Sep 24 j 11:37	27°♍49'47	
	-1100 Sep 25 j 20:34	0°♎	
evening rise	-1100 Sep 29 j 16:17	5°♎58'19	
	-1100 Oct 15 j 16:40	0°♏	
greatest brilliancy	-1100 Oct 24 j 01:18	11°♏30'01	-0.5m
evening max el	-1100 Oct 29 j 10:06	17°♏46'35	21°06'33
retrograde	-1100 Nov 06 j 22:38	22°♏50'08	
evening set	-1100 Nov 10 j 22:24	21°♏20'02	
asc. node	-1100 Nov 11 j 00:48	21°♏15'25	
inferior conj	-1100 Nov 16 j 08:34	15°♏05'32	1°45'30
minimum elong	-1100 Nov 16 j 06:21	15°♏13'06	1°44'39
min. Earth dist.	-1100 Nov 16 j 18:07	14°♏32'43	0.67315 AU
morning rise	-1100 Nov 21 j 13:57	8°♏49'38	
direct	-1100 Nov 26 j 18:52	6°♏35'34	
morning max el	-1100 Dec 07 j 11:31	12°♏58'05	23°46'37
desc. node	-1100 Dec 21 j 10:53	0°♐20'43	
	-1100 Dec 21 j 04:58	0°♐	
	-1099 Jan 09 j 17:36	0°♑	
morning set	-1099 Jan 11 j 20:51	3°♑36'21	
max. Earth dist.	-1099 Jan 15 j 21:06	10°♑34'06	1.38701 AU
superior conj	-1099 Jan 23 j 05:30	24°♑00'14	-1°-52'-6
minimum elong	-1099 Jan 23 j 08:27	24°♑14'09	1°51'56
	-1099 Jan 26 j 08:55	0°♒	
evening rise	-1099 Feb 01 j 07:42	11°♒35'20	
asc. node	-1099 Feb 07 j 00:08	22°♒24'26	
	-1099 Feb 11 j 11:05	0°♓	
evening max el	-1099 Feb 17 j 17:08	8°♓00'18	18°47'58
retrograde	-1099 Feb 25 j 20:37	11°♓56'55	
evening set	-1099 Feb 28 j 04:36	11°♓38'46	
inferior conj	-1099 Mar 08 j 00:18	7°♓17'51	2°51'28
minimum elong	-1099 Mar 08 j 04:44	7°♓09'40	2°50'25
min. Earth dist.	-1099 Mar 11 j 07:20	4°♓53'30	0.57548 AU
morning rise	-1099 Mar 16 j 00:48	2°♓06'59	
desc. node	-1099 Mar 19 j 10:02	1°♓03'34	
direct	-1099 Mar 21 j 13:47	0°♓52'06	
morning max el	-1099 Apr 04 j 21:34	8°♓21'13	26°04'44
	-1099 Apr 21 j 02:41	0°♈	
morning set	-1099 May 03 j 02:57	22°♈46'48	
asc. node	-1099 May 05 j 23:28	28°♈52'05	
	-1099 May 06 j 12:01	0°♉	
superior conj	-1099 May 10 j 04:01	8°♉00'34	0°42'57
minimum elong	-1099 May 10 j 02:14	7°♉50'52	0°42'37
max. Earth dist.	-1099 May 10 j 17:07	9°♉12'21	1.32570 AU
evening rise	-1099 May 17 j 05:38	23°♉11'28	
	-1099 May 20 j 14:12	0°♊	
	-1099 Jun 07 j 12:58	0°♋	
desc. node	-1099 Jun 15 j 09:18	9°♋24'51	
evening max el	-1099 Jun 17 j 01:17	11°♋04'04	26°59'51
retrograde	-1099 Jul 01 j 00:02	18°♋22'14	
evening set	-1099 Jul 07 j 22:49	16°♋12'34	
min. Earth dist.	-1099 Jul 11 j 15:07	13°♋30'58	0.61076 AU
inferior conj	-1099 Jul 14 j 20:39	10°♋43'29	-4°-26'-17
minimum elong	-1099 Jul 14 j 23:44	10°♋36'47	4°25'56
morning rise	-1099 Jul 22 j 03:38	5°♋52'55	
direct	-1099 Jul 24 j 14:27	5°♋28'41	
morning max el	-1099 Jul 31 j 16:36	8°♋58'55	18°02'29
asc. node	-1099 Aug 01 j 22:41	10°♋17'18	
	-1099 Aug 14 j 09:16	0°♌	
morning set	-1099 Aug 16 j 14:03	4°♌03'27	
superior conj	-1099 Aug 26 j 18:02	22°♌33'21	1°30'34
minimum elong	-1099 Aug 26 j 22:13	22°♌51'48	1°30'13
	-1099 Aug 31 j 00:54	0°♍	
max. Earth dist.	-1099 Sep 03 j 07:42	5°♍32'20	1.41917 AU
evening rise	-1099 Sep 09 j 07:28	15°♍18'17	
desc. node	-1099 Sep 11 j 08:39	18°♍33'13	
	-1099 Sep 18 j 19:15	0°♎	
greatest brilliancy	-1099 Oct 07 j 10:13	25°♎54'17	-0.3m
	-1099 Oct 10 j 23:34	0°♏	
evening max el	-1099 Oct 12 j 04:09	1°♏14'41	22°22'22
retrograde	-1099 Oct 21 j 18:14	6°♏56'46	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening set	-1099 Oct 26 j 06:11	5°♏09'07	
asc. node	-1099 Oct 28 j 21:51	2°♏25'40	
	-1099 Oct 30 j 18:33	30°℞♎	
inferior conj	-1099 Oct 31 j 15:20	28°♎48'21	0°55'50
minimum elong	-1099 Oct 31 j 14:04	28°♎52'44	0°55'18
min. Earth dist.	-1099 Oct 31 j 14:13	28°♎52'13	0.67579 AU
morning rise	-1099 Nov 05 j 21:48	22°♎33'43	
direct	-1099 Nov 10 j 11:37	20°♎41'55	
morning max el	-1099 Nov 19 j 22:56	26°♎18'44	22°19'34
	-1099 Nov 23 j 07:36	0°♏	
greatest brilliancy	-1099 Nov 24 j 14:54	1°♏33'34	-0.3m
desc. node	-1099 Dec 08 j 07:55	20°♏17'53	
	-1099 Dec 14 j 19:02	0°♐	
morning set	-1099 Dec 23 j 05:38	13°♐18'19	
max. Earth dist.	-1099 Dec 28 j 17:53	22°♐24'50	1.40805 AU
	-1098 Jan 02 j 04:02	0°♑	
superior conj	-1098 Jan 05 j 12:49	5°♑56'48	-1°-59'-59
minimum elong	-1098 Jan 05 j 13:19	5°♑59'00	2°00'00
evening rise	-1098 Jan 15 j 17:56	24°♑46'54	
	-1098 Jan 18 j 13:00	0°♒	
asc. node	-1098 Jan 24 j 21:10	11°♒12'45	
evening max el	-1098 Jan 31 j 23:29	20°♒43'46	18°18'00
retrograde	-1098 Feb 08 j 03:13	24°♒17'18	
evening set	-1098 Feb 10 j 15:30	23°♒52'00	
inferior conj	-1098 Feb 17 j 18:44	19°♒10'07	3°37'38
minimum elong	-1098 Feb 17 j 21:22	19°♒04'28	3°37'16
min. Earth dist.	-1098 Feb 21 j 04:17	16°♒16'37	0.59549 AU
morning rise	-1098 Feb 24 j 23:47	13°♒35'10	
direct	-1098 Mar 03 j 11:01	11°♒41'46	
desc. node	-1098 Mar 06 j 07:05	12°♒02'47	
morning max el	-1098 Mar 17 j 17:56	19°♒24'44	27°11'10
	-1098 Mar 26 j 18:03	0°♓	
	-1098 Apr 13 j 18:04	0°♈	
morning set	-1098 Apr 17 j 12:16	7°♈36'57	
asc. node	-1098 Apr 22 j 20:31	19°♈02'54	
superior conj	-1098 Apr 24 j 15:46	22°♈59'39	0°18'58
minimum elong	-1098 Apr 24 j 14:56	22°♈55'01	0°18'47
max. Earth dist.	-1098 Apr 24 j 06:03	22°♈06'21	1.32398 AU
	-1098 Apr 27 j 20:34	0°♉	
evening rise	-1098 May 01 j 14:49	8°♉03'45	
	-1098 May 13 j 02:22	0°♊	
evening max el	-1098 May 30 j 00:11	22°♊42'02	26°03'20
desc. node	-1098 Jun 02 j 06:21	25°♊31'13	
retrograde	-1098 Jun 13 j 01:46	29°♊56'13	
evening set	-1098 Jun 19 j 06:04	28°♊22'58	
min. Earth dist.	-1098 Jun 23 j 12:57	25°♊43'44	0.59017 AU
inferior conj	-1098 Jun 26 j 21:01	23°♊13'27	-4°-38'-5
minimum elong	-1098 Jun 26 j 20:52	23°♊13'44	4°38'05
morning rise	-1098 Jul 04 j 15:19	18°♊45'21	
direct	-1098 Jul 07 j 02:44	18°♊24'36	
morning max el	-1098 Jul 15 j 00:52	22°♊11'12	18°30'48
asc. node	-1098 Jul 19 j 19:45	27°♊55'37	
	-1098 Jul 21 j 05:13	0°♋	
morning set	-1098 Jul 31 j 04:08	17°♋50'53	
	-1098 Aug 06 j 11:58	0°♌	
superior conj	-1098 Aug 09 j 04:46	5°♌04'28	1°44'25
minimum elong	-1098 Aug 09 j 06:41	5°♌13'22	1°44'21
max. Earth dist.	-1098 Aug 16 j 12:21	18°♌15'07	1.39992 AU
evening rise	-1098 Aug 20 j 21:02	25°♌41'39	
	-1098 Aug 23 j 11:35	0°♍	
desc. node	-1098 Aug 29 j 05:42	9°♍09'47	
	-1098 Sep 12 j 12:44	0°♎	
evening max el	-1098 Sep 24 j 17:52	14°♎45'13	23°42'39
retrograde	-1098 Oct 05 j 10:40	21°♎03'51	
evening set	-1098 Oct 10 j 12:34	18°♎57'41	
inferior conj	-1098 Oct 15 j 22:08	12°♎34'38	0°02'47
minimum elong	-1098 Oct 15 j 22:04	12°♎34'52	0°02'45
transit middle	-1098 Oct 15 j 22:04	12°♎34'52	0°02'45
transit begin	-1098 Oct 15 j 19:24	12°♎44'00	
transit end	-1098 Oct 16 j 00:45	12°♎25'45	
min. Earth dist.	-1098 Oct 15 j 10:45	13°♎13'29	0.67531 AU
asc. node	-1098 Oct 15 j 18:55	12°♎45'38	
morning rise	-1098 Oct 21 j 07:42	6°♎24'05	
direct	-1098 Oct 25 j 07:38	4°♎54'01	
morning max el	-1098 Nov 02 j 16:17	9°♎47'14	20°59'02
greatest brilliancy	-1098 Nov 08 j 07:38	16°♎22'18	-0.5m
	-1098 Nov 18 j 02:45	0°♏	
desc. node	-1098 Nov 25 j 04:58	10°♏34'07	
morning set	-1098 Dec 02 j 11:51	21°♏46'56	
	-1098 Dec 07 j 16:33	0°♐	
max. Earth dist.	-1098 Dec 10 j 21:37	5°♐11'07	1.42699 AU
superior conj	-1098 Dec 17 j 20:54	16°♐45'42	-1°-54'-43
minimum elong	-1098 Dec 17 j 17:08	16°♐29'43	1°54'35
	-1098 Dec 25 j 12:13	0°♑	
evening rise	-1098 Dec 29 j 14:00	7°♑15'19	
asc. node	-1097 Jan 11 j 18:12	29°♑23'05	
	-1097 Jan 12 j 05:03	0°♒	
evening max el	-1097 Jan 15 j 10:24	3°♒47'36	18°07'49
retrograde	-1097 Jan 22 j 01:27	7°♒13'10	
evening set	-1097 Jan 24 j 17:43	6°♒39'29	
inferior conj	-1097 Jan 31 j 07:38	1°♒35'50	3°53'40
minimum elong	-1097 Jan 31 j 07:52	1°♒35'16	3°53'40
	-1097 Feb 01 j 22:21	30°℞♑	
min. Earth dist.	-1097 Feb 03 j 08:14	28°♑38'12	0.61620 AU
morning rise	-1097 Feb 06 j 19:35	25°♑45'04	
direct	-1097 Feb 13 j 18:22	23°♑18'44	
desc. node	-1097 Feb 21 j 04:08	25°♑42'52	
	-1097 Feb 26 j 16:13	0°♒	
morning max el	-1097 Feb 27 j 20:24	1°♒07'34	27°43'38
	-1097 Mar 20 j 21:20	0°♓	
morning set	-1097 Apr 01 j 17:24	22°♓12'08	
	-1097 Apr 05 j 10:55	0°♈	
max. Earth dist.	-1097 Apr 07 j 17:14	4°♈51'53	1.32586 AU
superior conj	-1097 Apr 09 j 02:27	7°♈52'23	0°-6'-39
minimum elong	-1097 Apr 09 j 02:45	7°♈54'03	0°06'36
behind sun begin	-1097 Apr 08 j 22:05	7°♈28'38	
behind sun end	-1097 Apr 09 j 07:25	8°♈19'28	
asc. node	-1097 Apr 09 j 17:35	9°♈14'49	
evening rise	-1097 Apr 16 j 02:11	22°♈59'48	
	-1097 Apr 19 j 11:38	0°♉	
	-1097 May 08 j 05:38	0°♊	
evening max el	-1097 May 11 j 17:11	3°♊40'35	24°41'37
desc. node	-1097 May 20 j 03:22	9°♊34'10	
retrograde	-1097 May 25 j 16:22	10°♊44'33	
evening set	-1097 May 30 j 14:42	9°♊49'36	
min. Earth dist.	-1097 Jun 05 j 04:52	6°♊56'10	0.57107 AU
inferior conj	-1097 Jun 08 j 01:52	5°♊03'46	-4°-17'-44
minimum elong	-1097 Jun 07 j 21:20	5°♊11'12	4°17'06
morning rise	-1097 Jun 16 j 07:51	0°♊56'08	
direct	-1097 Jun 18 j 21:14	0°♊37'43	
morning max el	-1097 Jun 28 j 01:06	4°♊53'33	19°19'48
asc. node	-1097 Jul 06 j 16:50	16°♊21'30	
	-1097 Jul 14 j 01:42	0°♋	
morning set	-1097 Jul 15 j 03:21	2°♋07'08	
superior conj	-1097 Jul 23 j 08:48	18°♋28'32	1°47'45
minimum elong	-1097 Jul 23 j 08:36	18°♋27'36	1°47'45
	-1097 Jul 29 j 10:35	0°♌	
max. Earth dist.	-1097 Jul 29 j 15:16	0°♌21'31	1.38007 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening rise	-1097 Aug 02 j 11:48	7°♌17'33	
desc. node	-1097 Aug 16 j 02:44	29°♌35'07	
	-1097 Aug 16 j 09:18	0°♍	
evening max el	-1097 Sep 07 j 05:33	28°♍19'38	25°00'31
	-1097 Sep 09 j 00:12	0°♎	
retrograde	-1097 Sep 18 j 22:59	5°♎07'49	
evening set	-1097 Sep 24 j 15:49	2°♎43'56	
	-1097 Sep 27 j 07:12	30°℞♍	
min. Earth dist.	-1097 Sep 29 j 05:15	27°♍34'51	0.67168 AU
inferior conj	-1097 Sep 30 j 03:15	26°♍22'27	0°-52'-6
minimum elong	-1097 Sep 30 j 04:32	26°♍18'13	0°51'34
asc. node	-1097 Oct 02 j 15:59	23°♍11'19	
morning rise	-1097 Oct 05 j 17:42	20°♍19'04	
direct	-1097 Oct 09 j 05:38	19°♍08'23	
morning max el	-1097 Oct 16 j 17:14	23°♍25'51	19°50'17
	-1097 Oct 22 j 05:15	0°♎	
greatest brilliancy	-1097 Oct 24 j 11:24	3°♎05'00	-0.6m
morning set	-1097 Nov 11 j 08:53	29°♎57'39	
	-1097 Nov 11 j 09:30	0°♏	
desc. node	-1097 Nov 12 j 02:02	1°♏03'59	
max. Earth dist.	-1097 Nov 23 j 09:21	18°♏47'50	1.44114 AU
superior conj	-1097 Nov 28 j 01:59	26°♏19'48	-1°-32'-21
minimum elong	-1097 Nov 27 j 18:22	25°♏48'58	1°31'42
	-1097 Nov 30 j 08:10	0°♐	
evening rise	-1097 Dec 11 j 15:36	18°♐53'06	
	-1097 Dec 18 j 04:41	0°♑	
asc. node	-1097 Dec 29 j 15:14	16°♑44'25	
evening max el	-1097 Dec 29 j 22:57	17°♑04'18	18°16'42
retrograde	-1096 Jan 05 j 11:00	20°♑34'51	
evening set	-1096 Jan 08 j 07:26	19°♑51'51	
inferior conj	-1096 Jan 14 j 11:10	14°♑27'41	3°47'36
minimum elong	-1096 Jan 14 j 09:34	14°♑32'09	3°47'26
min. Earth dist.	-1096 Jan 16 j 21:29	11°♑46'58	0.63502 AU
morning rise	-1096 Jan 20 j 10:04	8°♑26'18	
direct	-1096 Jan 27 j 09:44	5°♑40'18	
desc. node	-1096 Feb 08 j 01:11	11°♑29'57	
morning max el	-1096 Feb 10 j 03:48	13°♑29'19	27°39'12
	-1096 Feb 23 j 11:45	0°♒	
	-1096 Mar 12 j 09:19	0°♓	
morning set	-1096 Mar 15 j 15:55	6°♓23'30	
max. Earth dist.	-1096 Mar 20 j 22:42	17°♓14'55	1.33170 AU
superior conj	-1096 Mar 23 j 10:14	22°♓31'45	0°-33'00
minimum elong	-1096 Mar 23 j 11:47	22°♓40'06	0°32'42
asc. node	-1096 Mar 26 j 14:36	29°♓22'58	
	-1096 Mar 26 j 21:28	0°♈	
evening rise	-1096 Mar 30 j 13:52	7°♈52'02	
	-1096 Apr 11 j 07:17	0°♉	
evening max el	-1096 Apr 22 j 08:14	14°♉17'19	23°07'21
retrograde	-1096 May 05 j 18:18	20°♉57'14	
desc. node	-1096 May 06 j 00:23	20°♉57'05	
evening set	-1096 May 09 j 06:56	20°♉30'00	
min. Earth dist.	-1096 May 16 j 17:58	17°♉09'30	0.55679 AU
inferior conj	-1096 May 18 j 11:01	16°♉09'41	-3°-14'-37
minimum elong	-1096 May 18 j 04:06	16°♉19'48	3°12'49
morning rise	-1096 May 27 j 04:23	12°♉14'44	
direct	-1096 May 29 j 20:56	11°♉57'23	
morning max el	-1096 Jun 09 j 14:57	16°♉56'22	20°29'34
	-1096 Jun 19 j 12:46	0°♊	
asc. node	-1096 Jun 22 j 13:53	5°♊22'46	
morning set	-1096 Jun 28 j 08:47	16°♊43'25	
	-1096 Jul 04 j 19:34	0°♋	
superior conj	-1096 Jul 06 j 01:08	2°♋30'46	1°42'52
minimum elong	-1096 Jul 05 j 23:30	2°♋22'24	1°42'47
max. Earth dist.	-1096 Jul 10 j 21:51	12°♋10'54	1.36183 AU
evening rise	-1096 Jul 15 j 00:07	19°♋56'35	
	-1096 Jul 20 j 15:10	0°♌	
desc. node	-1096 Aug 01 j 23:45	19°♌42'55	
	-1096 Aug 09 j 09:28	0°♍	
evening max el	-1096 Aug 19 j 16:55	11°♍54'55	26°08'25
retrograde	-1096 Sep 01 j 06:34	19°♍03'17	
evening set	-1096 Sep 07 j 14:00	16°♍25'03	
min. Earth dist.	-1096 Sep 11 j 19:17	11°♍53'19	0.66467 AU
inferior conj	-1096 Sep 13 j 04:49	10°♍08'56	-1°-47'-15
minimum elong	-1096 Sep 13 j 07:28	10°♍00'40	1°46'12
asc. node	-1096 Sep 18 j 13:02	4°♍36'04	
morning rise	-1096 Sep 19 j 01:48	4°♍15'48	
direct	-1096 Sep 22 j 03:53	3°♍21'12	
morning max el	-1096 Sep 29 j 01:13	7°♍12'47	18°56'12
	-1096 Oct 15 j 04:06	0°♎	
morning set	-1096 Oct 20 j 20:57	8°♎59'01	
desc. node	-1096 Oct 28 j 23:04	21°♎42'57	
	-1096 Nov 03 j 05:35	0°♏	
max. Earth dist.	-1096 Nov 05 j 02:17	2°♏55'51	1.44871 AU
superior conj	-1096 Nov 06 j 08:16	4°♏53'57	0°-52'-43
minimum elong	-1096 Nov 06 j 01:44	4°♏28'15	0°51'56
evening rise	-1096 Nov 21 j 18:40	29°♏33'10	
	-1096 Nov 22 j 01:18	0°♐	
	-1096 Dec 11 j 23:44	0°♑	
evening max el	-1096 Dec 12 j 10:30	0°♑28'16	18°43'52
asc. node	-1096 Dec 15 j 12:16	3°♑03'10	
retrograde	-1096 Dec 19 j 03:43	4°♑14'30	
evening set	-1096 Dec 22 j 05:21	3°♑20'59	
	-1096 Dec 26 j 01:28	30°℞♐	
inferior conj	-1096 Dec 28 j 01:35	27°♐38'47	3°25'54
minimum elong	-1096 Dec 27 j 22:57	27°♐46'45	3°25'23
min. Earth dist.	-1096 Dec 29 j 20:39	25°♐28'24	0.65050 AU
morning rise	-1095 Jan 02 j 15:28	21°♐30'06	
direct	-1095 Jan 09 j 08:03	18°♐39'14	
morning max el	-1095 Jan 22 j 13:31	26°♐20'39	27°01'17
desc. node	-1095 Jan 24 j 22:14	28°♐49'26	
	-1095 Jan 25 j 23:31	0°♑	
	-1095 Feb 16 j 01:11	0°♒	
morning set	-1095 Feb 27 j 04:44	20°♒01'43	
max. Earth dist.	-1095 Mar 03 j 18:38	29°♒05'11	1.34184 AU
	-1095 Mar 04 j 05:25	0°♓	
superior conj	-1095 Mar 07 j 13:10	6°♓51'55	0°-58'-59
minimum elong	-1095 Mar 07 j 15:53	7°♓06'09	0°58'31
asc. node	-1095 Mar 13 j 11:37	19°♓23'28	
evening rise	-1095 Mar 15 j 00:06	22°♓34'29	
	-1095 Mar 18 j 15:39	0°♈	
evening max el	-1095 Apr 04 j 04:16	25°♈02'28	21°35'06
	-1095 Apr 11 j 10:12	0°♉	
retrograde	-1095 Apr 16 j 10:01	0°♉59'25	
evening set	-1095 Apr 18 j 22:17	0°♉45'07	
	-1095 Apr 21 j 15:31	30°℞♈	
desc. node	-1095 Apr 22 j 21:23	29°♈30'35	
inferior conj	-1095 Apr 28 j 07:06	26°♈43'25	-1°-31'-14
minimum elong	-1095 Apr 28 j 02:53	26°♈49'21	1°29'48
min. Earth dist.	-1095 Apr 28 j 07:02	26°♈43'31	0.55045 AU
morning rise	-1095 May 07 j 08:06	22°♈44'40	
direct	-1095 May 10 j 08:23	22°♈24'47	
morning max el	-1095 May 22 j 17:52	28°♈16'36	21°57'29
	-1095 May 24 j 11:31	0°♉	
asc. node	-1095 Jun 09 j 10:56	24°♉50'24	
	-1095 Jun 12 j 00:10	0°♊	
morning set	-1095 Jun 12 j 18:12	1°♊33'16	
superior conj	-1095 Jun 20 j 02:03	16°♊59'45	1°31'40
minimum elong	-1095 Jun 19 j 23:39	16°♊47'12	1°31'25

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

max. Earth dist.	-1095 Jun 23 j 12:40	24°♊07'26	1.34680 AU	
	-1095 Jun 26 j 10:55	0°♋		
evening rise	-1095 Jun 28 j 05:01	3°♋25'34		
	-1095 Jul 13 j 11:27	0°♌		
desc. node	-1095 Jul 19 j 20:45	9°♌25'23		
evening max el	-1095 Aug 02 j 04:31	25°♌24'26	26°58'34	
	-1095 Aug 07 j 18:47	0°♍		
retrograde	-1095 Aug 15 j 09:04	2°♍43'16		
evening set	-1095 Aug 22 j 04:48	29°♌57'45		
	-1095 Aug 22 j 03:41	30°℞♌		
min. Earth dist.	-1095 Aug 26 j 02:34	26°♌03'54	0.65406 AU	
inferior conj	-1095 Aug 28 j 00:46	23°♌50'36	-2°-40'-38	
minimum elong	-1095 Aug 28 j 04:36	23°♌39'30	2°39'19	
morning rise	-1095 Sep 03 j 05:49	18°♌10'49		
asc. node	-1095 Sep 05 j 10:07	17°♌30'37		
direct	-1095 Sep 06 j 00:25	17°♌28'39		
morning max el	-1095 Sep 12 j 14:11	21°♌03'31	18°18'18	
	-1095 Sep 19 j 11:30	0°♍		
morning set	-1095 Oct 01 j 12:30	19°♍21'57		
	-1095 Oct 08 j 01:12	0°♎		
desc. node	-1095 Oct 15 j 20:05	12°♎27'02		
superior conj	-1095 Oct 16 j 09:11	13°♎18'54	0°-3'-34	
minimum elong	-1095 Oct 16 j 08:44	13°♎17'05	0°03'32	
behind sun begin	-1095 Oct 15 j 21:49	12°♎33'55		
behind sun end	-1095 Oct 16 j 19:38	14°♎00'13		
max. Earth dist.	-1095 Oct 18 j 20:41	17°♎13'42	1.44899 AU	
	-1095 Oct 27 j 00:07	0°♏		
evening rise	-1095 Nov 01 j 21:45	9°♏13'31		
	-1095 Nov 15 j 07:59	0°♐		
greatest brilliancy	-1095 Nov 16 j 23:04	2°♐25'17	-0.7m	
evening max el	-1095 Nov 25 j 18:43	13°♐54'48	19°28'01	
asc. node	-1095 Dec 02 j 09:19	18°♐03'29		
retrograde	-1095 Dec 03 j 00:08	18°♐05'38		
evening set	-1095 Dec 06 j 08:41	16°♐59'44		
inferior conj	-1095 Dec 11 j 23:37	11°♐02'33	2°53'00	
minimum elong	-1095 Dec 11 j 20:43	11°♐11'55	2°52'11	
min. Earth dist.	-1095 Dec 13 j 04:30	9°♐28'54	0.66221 AU	
morning rise	-1095 Dec 17 j 07:58	4°♐49'11		
direct	-1095 Dec 23 j 12:31	2°♐06'06		
morning max el	-1094 Jan 04 j 22:54	9°♐27'22	25°57'11	
desc. node	-1094 Jan 11 j 19:17	17°♐13'38		
	-1094 Jan 21 j 05:00	0°♑		
	-1094 Feb 08 j 13:42	0°♒		
morning set	-1094 Feb 10 j 03:38	2°♒53'29		
max. Earth dist.	-1094 Feb 14 j 02:32	10°♒21'08	1.35647 AU	
superior conj	-1094 Feb 19 j 08:44	20°♒44'59	-1°-23'-7	
minimum elong	-1094 Feb 19 j 12:15	21°♒02'48	1°22'38	
	-1094 Feb 23 j 21:09	0°♓		
evening rise	-1094 Feb 27 j 06:53	7°♓00'23		
asc. node	-1094 Feb 28 j 08:39	9°♓11'25		
	-1094 Mar 12 j 02:35	0°♈		
evening max el	-1094 Mar 17 j 10:29	6°♈19'01	20°15'39	
retrograde	-1094 Mar 28 j 00:16	11°♈22'41		
evening set	-1094 Mar 30 j 04:09	11°♈10'54		
inferior conj	-1094 Apr 08 j 03:34	7°♈12'37	0°27'26	
minimum elong	-1094 Apr 08 j 04:48	7°♈10'47	0°27'01	
desc. node	-1094 Apr 09 j 18:24	6°♈15'05		
min. Earth dist.	-1094 Apr 09 j 21:06	6°♈11'07	0.55365 AU	
morning rise	-1094 Apr 17 j 02:58	2°♈51'17		
direct	-1094 Apr 20 j 21:33	2°♈20'10		
morning max el	-1094 May 04 j 12:07	9°♈01'46	23°36'34	
	-1094 May 19 j 18:44	0°♉		
asc. node	-1094 May 27 j 07:59	14°♉37'24		
morning set	-1094 May 28 j 05:46	16°♉31'00		
	-1094 Jun 03 j 12:51	0°♊		

superior conj	-1094 Jun 04 j 08:40	1°♊46'34	1°15'34	
minimum elong	-1094 Jun 04 j 06:08	1°♊32'59	1°15'13	
max. Earth dist.	-1094 Jun 06 j 13:05	6°♊26'22	1.33561 AU	
evening rise	-1094 Jun 11 j 22:00	17°♊31'39		
	-1094 Jun 18 j 10:43	0°♋		
desc. node	-1094 Jul 06 j 17:44	28°♋31'56		
	-1094 Jul 07 j 21:23	0°♌		
evening max el	-1094 Jul 15 j 15:37	8°♌38'30	27°23'44	
retrograde	-1094 Jul 29 j 05:56	15°♌59'35		
evening set	-1094 Aug 05 j 09:17	13°♌17'35		
min. Earth dist.	-1094 Aug 09 j 01:11	9°♌58'56	0.63975 AU	
inferior conj	-1094 Aug 11 j 12:42	7°♌22'55	-3°-29'-28	
minimum elong	-1094 Aug 11 j 17:11	7°♌11'08	3°28'15	
morning rise	-1094 Aug 18 j 03:04	1°♌59'37		
direct	-1094 Aug 20 j 16:44	1°♌26'28		
asc. node	-1094 Aug 23 j 07:11	2°♌00'45		
morning max el	-1094 Aug 27 j 05:33	4°♌52'55	17°57'39	
	-1094 Sep 12 j 16:19	0°♍		
morning set	-1094 Sep 13 j 07:01	1°♍03'07		
superior conj	-1094 Sep 26 j 02:33	22°♍35'34	0°42'28	
minimum elong	-1094 Sep 26 j 06:55	22°♍53'25	0°41'54	
	-1094 Sep 30 j 16:31	0°♎		
max. Earth dist.	-1094 Oct 01 j 13:52	1°♎25'15	1.44214 AU	
desc. node	-1094 Oct 02 j 17:07	3°♎13'38		
evening rise	-1094 Oct 12 j 07:12	18°♎12'33		
	-1094 Oct 20 j 00:31	0°♏		
greatest brilliancy	-1094 Nov 02 j 16:14	19°♏50'14	-0.5m	
evening max el	-1094 Nov 08 j 22:00	27°♏22'39	20°27'01	
	-1094 Nov 11 j 19:44	0°♐		
retrograde	-1094 Nov 16 j 21:39	2°♐05'04		
asc. node	-1094 Nov 19 j 06:22	1°♐33'05		
evening set	-1094 Nov 20 j 15:14	0°♐44'33		
	-1094 Nov 21 j 13:19	30°℞♏		
inferior conj	-1094 Nov 26 j 02:42	24°♏35'36	2°11'58	
minimum elong	-1094 Nov 26 j 00:07	24°♏44'21	2°11'03	
min. Earth dist.	-1094 Nov 26 j 18:58	23°♏40'34	0.67023 AU	
morning rise	-1094 Dec 01 j 08:27	18°♏19'57		
direct	-1094 Dec 06 j 22:22	15°♏53'35		
morning max el	-1094 Dec 18 j 07:16	22°♏40'20	24°36'26	
	-1094 Dec 24 j 18:11	0°♐		
desc. node	-1094 Dec 29 j 16:20	6°♐23'49		
	-1093 Jan 14 j 13:12	0°♑		
morning set	-1093 Jan 23 j 07:01	14°♑42'53		
max. Earth dist.	-1093 Jan 27 j 00:26	21°♑23'00	1.37515 AU	
	-1093 Jan 31 j 15:21	0°♒		
superior conj	-1093 Feb 02 j 17:45	4°♒02'12	-1°-43'-20	
minimum elong	-1093 Feb 02 j 21:17	4°♒19'21	1°43'01	
evening rise	-1093 Feb 11 j 07:57	21°♒03'16		
asc. node	-1093 Feb 15 j 05:41	28°♒41'33		
	-1093 Feb 15 j 22:14	0°♓		
evening max el	-1093 Feb 28 j 03:48	18°♓13'44	19°14'16	
retrograde	-1093 Mar 09 j 01:45	22°♓30'09		
evening set	-1093 Mar 11 j 07:32	22°♓15'10		
inferior conj	-1093 Mar 19 j 13:43	18°♓05'07	2°08'41	
minimum elong	-1093 Mar 19 j 18:06	17°♓57'44	2°07'25	
min. Earth dist.	-1093 Mar 22 j 12:15	16°♓07'10	0.56568 AU	
desc. node	-1093 Mar 27 j 15:27	13°♓21'03		
morning rise	-1093 Mar 28 j 00:43	13°♓12'11		
direct	-1093 Apr 01 j 22:18	12°♓16'40		
morning max el	-1093 Apr 16 j 02:46	19°♓32'36	25°14'42	
	-1093 Apr 24 j 22:49	0°♈		
	-1093 May 12 j 00:28	0°♉		
morning set	-1093 May 12 j 17:46	1°♉30'34		
asc. node	-1093 May 14 j 05:01	4°♉37'31		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1093 May 19 j 18:42	16°♉43'05	0°55'44
minimum elong	-1093 May 19 j 16:32	16°♉31'18	0°55'21
max. Earth dist.	-1093 May 20 j 21:15	19°♉07'36	1.32828 AU
	-1093 May 25 j 23:37	0°♊	
evening rise	-1093 May 26 j 23:25	2°♊02'55	
	-1093 Jun 11 j 08:23	0°♋	
desc. node	-1093 Jun 23 j 14:46	16°♋46'46	
evening max el	-1093 Jun 27 j 23:56	21°♋23'13	27°18'11
retrograde	-1093 Jul 11 j 20:09	28°♋42'05	
evening set	-1093 Jul 18 j 23:36	26°♋16'56	
min. Earth dist.	-1093 Jul 22 j 13:42	23°♋25'32	0.62209 AU
inferior conj	-1093 Jul 25 j 13:36	20°♋37'55	-4°-9'-36
minimum elong	-1093 Jul 25 j 17:40	20°♋28'24	4°08'53
morning rise	-1093 Aug 01 j 14:16	15°♋34'21	
direct	-1093 Aug 04 j 01:32	15°♋07'22	
asc. node	-1093 Aug 10 j 04:15	17°♋55'35	
morning max el	-1093 Aug 10 j 20:26	18°♋33'33	17°55'14
	-1093 Aug 19 j 03:20	0°♌	
morning set	-1093 Aug 26 j 22:40	13°♌44'44	
	-1093 Sep 05 j 02:19	0°♍	
superior conj	-1093 Sep 06 j 22:47	3°♍11'39	1°16'54
minimum elong	-1093 Sep 07 j 03:51	3°♍33'20	1°16'23
max. Earth dist.	-1093 Sep 14 j 03:23	15°♍13'26	1.42899 AU
desc. node	-1093 Sep 19 j 14:09	23°♍58'56	
evening rise	-1093 Sep 21 j 14:57	27°♍10'56	
	-1093 Sep 23 j 10:22	0°♎	
	-1093 Oct 13 j 21:23	0°♏	
greatest brilliancy	-1093 Oct 17 j 21:19	5°♏12'21	-0.4m
evening max el	-1093 Oct 22 j 19:27	10°♏50'41	21°37'55
retrograde	-1093 Oct 31 j 18:20	16°♏09'53	
evening set	-1093 Nov 04 j 23:06	14°♏32'31	
asc. node	-1093 Nov 06 j 03:26	13°♏29'38	
inferior conj	-1093 Nov 10 j 08:40	8°♏15'08	1°24'58
minimum elong	-1093 Nov 10 j 06:49	8°♏21'30	1°24'12
min. Earth dist.	-1093 Nov 10 j 13:37	7°♏58'04	0.67474 AU
morning rise	-1093 Nov 15 j 14:17	1°♏59'38	
	-1093 Nov 19 j 11:50	30°℞♎	
direct	-1093 Nov 20 j 12:48	29°♎54'47	
	-1093 Nov 21 j 14:25	0°♏	
morning max el	-1093 Nov 30 j 16:37	5°♏57'23	23°09'11
greatest brilliancy	-1093 Dec 05 j 16:13	11°♏32'47	-0.3m
desc. node	-1093 Dec 16 j 13:25	26°♏06'44	
	-1093 Dec 19 j 05:46	0°♐	
morning set	-1092 Jan 04 j 08:40	25°♐13'58	
	-1092 Jan 07 j 04:29	0°♑	
max. Earth dist.	-1092 Jan 08 j 19:49	2°♑49'01	1.39609 AU
superior conj	-1092 Jan 16 j 12:00	16°♑32'31	-1°-56'-46
minimum elong	-1092 Jan 16 j 14:09	16°♑42'27	1°56'42
	-1092 Jan 23 j 15:03	0°♒	
evening rise	-1092 Jan 26 j 00:36	4°♒36'21	
asc. node	-1092 Feb 02 j 02:44	17°♒47'39	
	-1092 Feb 10 j 13:32	0°♓	
evening max el	-1092 Feb 11 j 06:15	0°♓42'07	18°32'45
retrograde	-1092 Feb 18 j 21:59	4°♓26'46	
evening set	-1092 Feb 21 j 08:00	4°♓05'37	
	-1092 Feb 28 j 07:56	30°℞♒	
inferior conj	-1092 Feb 28 j 20:18	29°♒35'47	3°15'14
minimum elong	-1092 Feb 29 j 00:10	29°♒28'10	3°14'29
min. Earth dist.	-1092 Mar 03 j 06:06	26°♒56'24	0.58374 AU
morning rise	-1092 Mar 07 j 12:32	24°♒13'55	
direct	-1092 Mar 13 j 12:11	22°♒42'56	
desc. node	-1092 Mar 13 j 12:31	22°♒42'56	
	-1092 Mar 27 j 12:26	0°♓	
morning max el	-1092 Mar 27 j 19:58	0°♓18'10	26°36'45
	-1092 Apr 17 j 19:20	0°♈	
morning set	-1092 Apr 26 j 04:35	16°♈26'29	
asc. node	-1092 Apr 30 j 02:04	24°♈46'02	
	-1092 May 02 j 11:31	0°♉	
superior conj	-1092 May 03 j 06:21	1°♉43'16	0°33'02
minimum elong	-1092 May 03 j 04:56	1°♉35'31	0°32'45
max. Earth dist.	-1092 May 03 j 09:44	2°♉01'49	1.32458 AU
evening rise	-1092 May 10 j 06:28	16°♉50'15	
	-1092 May 16 j 21:22	0°♊	
	-1092 Jun 05 j 18:43	0°♋	
evening max el	-1092 Jun 09 j 02:44	3°♋26'58	26°39'29
desc. node	-1092 Jun 09 j 11:46	3°♋48'17	
retrograde	-1092 Jun 23 j 02:36	10°♋42'55	
evening set	-1092 Jun 29 j 19:21	8°♋47'46	
min. Earth dist.	-1092 Jul 03 j 16:05	6°♋09'32	0.60209 AU
inferior conj	-1092 Jul 06 j 23:57	3°♋26'59	-4°-34'-27
minimum elong	-1092 Jul 07 j 01:54	3°♋22'59	4°34'19
	-1092 Jul 11 j 17:29	30°℞♊	
morning rise	-1092 Jul 14 j 11:41	28°♊45'49	
direct	-1092 Jul 16 j 22:44	28°♊23'04	
	-1092 Jul 21 j 21:21	0°♋	
morning max el	-1092 Jul 24 j 07:58	1°♋58'29	18°12'03
asc. node	-1092 Jul 27 j 01:19	5°♋00'21	
morning set	-1092 Aug 09 j 05:51	27°♋11'26	
	-1092 Aug 10 j 17:38	0°♌	
superior conj	-1092 Aug 18 j 21:00	15°♌05'01	1°37'53
minimum elong	-1092 Aug 19 j 00:16	15°♌19'44	1°37'41
max. Earth dist.	-1092 Aug 26 j 11:25	28°♌23'08	1.41126 AU
	-1092 Aug 27 j 10:22	0°♍	
evening rise	-1092 Aug 31 j 14:37	6°♍54'31	
desc. node	-1092 Sep 05 j 11:10	14°♍39'36	
	-1092 Sep 15 j 14:56	0°♎	
greatest brilliancy	-1092 Sep 29 j 07:31	18°♎32'06	-0.3m
evening max el	-1092 Oct 04 j 11:26	24°♎19'22	22°56'20
	-1092 Oct 12 j 13:50	0°♏	
retrograde	-1092 Oct 14 j 12:40	0°♏17'11	
	-1092 Oct 16 j 09:24	30°℞♎	
evening set	-1092 Oct 19 j 06:31	28°♎21'25	
asc. node	-1092 Oct 23 j 00:30	24°♎12'27	
inferior conj	-1092 Oct 24 j 15:40	21°♎59'15	0°33'39
minimum elong	-1092 Oct 24 j 14:53	22°♎01'57	0°33'19
min. Earth dist.	-1092 Oct 24 j 10:06	22°♎18'26	0.67599 AU
morning rise	-1092 Oct 29 j 23:14	15°♎46'17	
direct	-1092 Nov 03 j 06:56	14°♎04'03	
morning max el	-1092 Nov 12 j 06:19	19°♎21'11	21°44'13
greatest brilliancy	-1092 Nov 17 j 04:10	24°♎56'25	-0.4m
	-1092 Nov 21 j 01:53	0°♏	
desc. node	-1092 Dec 02 j 10:28	16°♏12'47	
	-1092 Dec 11 j 11:00	0°♐	
morning set	-1092 Dec 14 j 05:12	4°♐21'21	
max. Earth dist.	-1092 Dec 20 j 19:49	15°♐05'33	1.41655 AU
superior conj	-1092 Dec 28 j 10:08	28°♐01'55	-1°-59'-37
minimum elong	-1092 Dec 28 j 08:59	27°♐56'52	1°59'38
	-1092 Dec 29 j 13:03	0°♑	
evening rise	-1091 Jan 08 j 05:22	17°♑31'04	
	-1091 Jan 15 j 03:07	0°♒	
asc. node	-1091 Jan 18 j 23:47	6°♒21'12	
evening max el	-1091 Jan 24 j 14:52	13°♒34'59	18°11'12
retrograde	-1091 Jan 31 j 12:00	17°♒03'46	
evening set	-1091 Feb 03 j 01:56	16°♒35'02	
inferior conj	-1091 Feb 09 j 23:04	11°♒43'32	3°47'37
minimum elong	-1091 Feb 10 j 00:40	11°♒39'53	3°47'29
min. Earth dist.	-1091 Feb 13 j 05:40	8°♒45'27	0.60437 AU
morning rise	-1091 Feb 16 j 20:23	6°♒00'47	
direct	-1091 Feb 23 j 13:40	3°♒52'30	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-1091 Feb 28 j 09:35	4°♒53'43	
morning max el	-1091 Mar 09 j 19:11	11°♒38'32	27°29'32
	-1091 Mar 24 j 05:10	0°♓	
	-1091 Apr 09 j 22:33	0°♈	
morning set	-1091 Apr 10 j 12:24	1°♈11'14	
asc. node	-1091 Apr 16 j 23:07	14°♈57'39	
max. Earth dist.	-1091 Apr 16 j 22:32	14°♈54'30	1.32436 AU
superior conj	-1091 Apr 17 j 17:50	16°♈40'04	0°08'15
minimum elong	-1091 Apr 17 j 17:28	16°♈38'00	0°08'11
behind sun begin	-1091 Apr 17 j 13:07	16°♈14'16	
behind sun end	-1091 Apr 17 j 21:48	17°♈01'46	
	-1091 Apr 23 j 21:03	0°♉	
evening rise	-1091 Apr 24 j 16:49	1°♉44'42	
	-1091 May 10 j 02:47	0°♊	
evening max el	-1091 May 21 j 22:37	14°♊45'35	25°30'51
desc. node	-1091 May 27 j 08:47	19°♊06'24	
retrograde	-1091 Jun 04 j 23:52	21°♊56'57	
evening set	-1091 Jun 10 j 16:48	20°♊40'10	
min. Earth dist.	-1091 Jun 15 j 10:39	17°♊56'58	0.58171 AU
inferior conj	-1091 Jun 18 j 16:12	15°♊40'14	-4°-34'-7
minimum elong	-1091 Jun 18 j 14:12	15°♊43'47	4°33'59
morning rise	-1091 Jun 26 j 15:30	11°♊21'47	
direct	-1091 Jun 29 j 03:42	11°♊02'09	
morning max el	-1091 Jul 07 j 13:10	14°♊59'03	18°49'09
asc. node	-1091 Jul 13 j 22:22	23°♊00'05	
	-1091 Jul 18 j 02:24	0°♋	
morning set	-1091 Jul 24 j 00:10	11°♋11'44	
superior conj	-1091 Aug 01 j 15:46	28°♋00'34	1°46'59
minimum elong	-1091 Aug 01 j 16:44	28°♋05'07	1°46'58
	-1091 Aug 02 j 17:02	0°♌	
max. Earth dist.	-1091 Aug 08 j 14:38	10°♌48'17	1.39134 AU
evening rise	-1091 Aug 12 j 14:59	17°♌48'18	
	-1091 Aug 20 j 00:31	0°♍	
desc. node	-1091 Aug 23 j 08:11	5°♍11'44	
	-1091 Sep 10 j 00:42	0°♎	
evening max el	-1091 Sep 16 j 23:47	7°♎50'45	24°16'29
retrograde	-1091 Sep 28 j 03:35	14°♎23'38	
evening set	-1091 Oct 03 j 11:47	12°♎09'27	
inferior conj	-1091 Oct 08 j 21:56	5°♎46'22	0°-20'-22
minimum elong	-1091 Oct 08 j 22:26	5°♎44'42	0°20'10
min. Earth dist.	-1091 Oct 08 j 06:01	6°♎39'59	0.67409 AU
asc. node	-1091 Oct 09 j 21:33	4°♎27'27	
	-1091 Oct 13 j 22:12	30°℞♍	
morning rise	-1091 Oct 14 j 09:22	29°♍38'37	
direct	-1091 Oct 18 j 03:51	28°♍17'22	
	-1091 Oct 22 j 18:16	0°♎	
morning max el	-1091 Oct 26 j 02:58	2°♎54'35	20°28'14
greatest brilliancy	-1091 Nov 01 j 12:08	10°♎32'20	-0.5m
	-1091 Nov 14 j 23:31	0°♏	
desc. node	-1091 Nov 19 j 07:31	6°♏35'27	
morning set	-1091 Nov 23 j 04:38	12°♏34'09	
max. Earth dist.	-1091 Dec 03 j 03:00	28°♏14'44	1.43364 AU
	-1091 Dec 04 j 05:05	0°♐	
superior conj	-1091 Dec 09 j 06:56	8°♐19'04	-1°-47'-29
minimum elong	-1091 Dec 09 j 01:13	7°♐55'23	1°47'09
evening rise	-1091 Dec 21 j 18:12	29°♐39'28	
	-1091 Dec 21 j 22:53	0°♑	
asc. node	-1090 Jan 05 j 20:49	24°♑12'28	
evening max el	-1090 Jan 08 j 02:47	26°♑45'07	18°09'14
	-1090 Jan 13 j 03:16	0°♒	
retrograde	-1090 Jan 14 j 15:40	0°♒11'38	
	-1090 Jan 16 j 04:11	30°℞♑	
evening set	-1090 Jan 17 j 09:28	29°♑34'18	
inferior conj	-1090 Jan 23 j 18:44	24°♑21'47	3°53'21
minimum elong	-1090 Jan 23 j 18:05	24°♑23'28	3°53'19
min. Earth dist.	-1090 Jan 26 j 13:38	21°♑28'54	0.62453 AU
morning rise	-1090 Jan 30 j 00:35	18°♑25'39	
direct	-1090 Feb 06 j 00:49	15°♑48'57	
desc. node	-1090 Feb 15 j 06:39	19°♑32'18	
morning max el	-1090 Feb 20 j 00:14	23°♑39'33	27°46'05
	-1090 Feb 25 j 17:23	0°♒	
	-1090 Mar 17 j 11:04	0°♓	
morning set	-1090 Mar 25 j 15:03	15°♓37'28	
max. Earth dist.	-1090 Mar 31 j 07:39	27°♓31'20	1.32785 AU
	-1090 Apr 01 j 11:16	0°♈	
superior conj	-1090 Apr 02 j 03:30	1°♈27'46	0°-17'-48
minimum elong	-1090 Apr 02 j 04:20	1°♈32'17	0°17'38
asc. node	-1090 Apr 03 j 20:09	5°♈08'19	
evening rise	-1090 Apr 09 j 04:31	16°♈39'30	
	-1090 Apr 15 j 20:11	0°♉	
evening max el	-1090 May 03 j 13:52	25°♉30'53	24°02'04
	-1090 May 09 j 07:20	0°♊	
desc. node	-1090 May 14 j 05:48	2°♊04'45	
retrograde	-1090 May 17 j 09:37	2°♊27'34	
evening set	-1090 May 21 j 17:02	1°♊46'18	
	-1090 May 25 j 19:12	30°℞♉	
min. Earth dist.	-1090 May 28 j 01:09	28°♉42'29	0.56416 AU
inferior conj	-1090 May 30 j 12:18	27°♉11'00	-3°-56'-29
minimum elong	-1090 May 30 j 06:16	27°♉20'24	3°55'20
morning rise	-1090 Jun 07 j 23:19	23°♉10'16	
direct	-1090 Jun 10 j 13:31	22°♉52'42	
morning max el	-1090 Jun 20 j 09:15	27°♉25'37	19°47'04
	-1090 Jun 22 j 20:34	0°♊	
asc. node	-1090 Jun 30 j 19:25	11°♊41'59	
morning set	-1090 Jul 08 j 02:16	25°♊36'49	
	-1090 Jul 10 j 06:17	0°♋	
superior conj	-1090 Jul 16 j 01:32	11°♋42'12	1°46'33
minimum elong	-1090 Jul 16 j 00:38	11°♋37'45	1°46'33
max. Earth dist.	-1090 Jul 21 j 17:50	22°♋41'48	1.37192 AU
evening rise	-1090 Jul 25 j 15:28	29°♋52'26	
	-1090 Jul 25 j 17:09	0°♌	
desc. node	-1090 Aug 10 j 05:10	25°♌30'05	
	-1090 Aug 13 j 06:30	0°♍	
evening max el	-1090 Aug 30 j 11:01	21°♍25'24	25°31'12
retrograde	-1090 Sep 11 j 14:03	28°♍24'16	
evening set	-1090 Sep 17 j 13:06	25°♍53'45	
min. Earth dist.	-1090 Sep 21 j 22:59	21°♍00'08	0.66902 AU
inferior conj	-1090 Sep 23 j 01:44	19°♍33'50	-1°-15'-37
minimum elong	-1090 Sep 23 j 03:37	19°♍27'47	1°14'50
asc. node	-1090 Sep 26 j 18:36	15°♍12'18	
morning rise	-1090 Sep 28 j 18:46	13°♍34'14	
direct	-1090 Oct 02 j 02:08	12°♍30'56	
morning max el	-1090 Oct 09 j 07:00	16°♍36'42	19°25'22
greatest brilliancy	-1090 Oct 18 j 15:34	28°♍42'22	-0.7m
	-1090 Oct 19 j 12:42	0°♎	
morning set	-1090 Nov 02 j 05:18	20°♎58'24	
desc. node	-1090 Nov 06 j 04:32	27°♎09'16	
	-1090 Nov 08 j 00:16	0°♏	
max. Earth dist.	-1090 Nov 15 j 16:37	12°♏04'22	1.44517 AU
superior conj	-1090 Nov 19 j 01:01	17°♏23'36	-1°-17'-25
minimum elong	-1090 Nov 18 j 17:03	16°♏51'52	1°16'35
	-1090 Nov 26 j 20:27	0°♐	
evening rise	-1090 Dec 03 j 10:33	10°♐52'37	
	-1090 Dec 15 j 01:58	0°♑	
evening max el	-1090 Dec 22 j 15:13	10°♑05'34	18°26'09
asc. node	-1090 Dec 23 j 17:51	11°♑08'59	
retrograde	-1090 Dec 29 j 04:34	13°♑41'27	
evening set	-1089 Jan 01 j 03:02	12°♑54'15	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

inferior conj	-1089 Jan 07 j 03:19	7°♑22'24	3°40'00
minimum elong	-1089 Jan 07 j 01:10	7°♑28'35	3°39'41
min. Earth dist.	-1089 Jan 09 j 07:13	4°♑53'06	0.64207 AU
morning rise	-1089 Jan 12 j 21:54	1°♑17'38	
	-1089 Jan 14 j 16:54	30°℞♐	
direct	-1089 Jan 19 j 19:30	28°♐27'25	
	-1089 Jan 25 j 09:02	0°♑	
desc. node	-1089 Feb 02 j 03:43	6°♑02'16	
morning max el	-1089 Feb 02 j 08:46	6°♑14'48	27°26'43
	-1089 Feb 20 j 13:52	0°♒	
morning set	-1089 Mar 09 j 09:55	29°♒36'30	
	-1089 Mar 09 j 14:41	0°♓	
max. Earth dist.	-1089 Mar 14 j 09:16	9°♓40'33	1.33542 AU
superior conj	-1089 Mar 17 j 09:32	16°♓00'27	0°-44'-8
minimum elong	-1089 Mar 17 j 11:37	16°♓11'27	0°43'45
asc. node	-1089 Mar 21 j 17:11	25°♓14'07	
	-1089 Mar 23 j 22:58	0°♈	
evening rise	-1089 Mar 24 j 15:49	1°♈28'41	
	-1089 Apr 09 j 20:58	0°♉	
evening max el	-1089 Apr 15 j 06:28	6°♉09'10	22°27'12
retrograde	-1089 Apr 28 j 06:30	12°♉32'27	
evening set	-1089 May 01 j 06:46	12°♉12'33	
desc. node	-1089 May 01 j 02:50	12°♉14'38	
min. Earth dist.	-1089 May 09 j 14:25	8°♉36'38	0.55297 AU
inferior conj	-1089 May 10 j 14:48	8°♉02'01	-2°-34'-47
minimum elong	-1089 May 10 j 08:23	8°♉11'09	2°32'50
morning rise	-1089 May 19 j 12:06	4°♉07'23	
direct	-1089 May 22 j 07:02	3°♉49'33	
morning max el	-1089 Jun 02 j 18:25	9°♉11'01	21°04'56
	-1089 Jun 17 j 04:41	0°♊	
asc. node	-1089 Jun 17 j 16:28	0°♊55'57	
morning set	-1089 Jun 22 j 09:42	10°♊20'16	
superior conj	-1089 Jun 29 j 21:58	25°♊57'35	1°38'47
minimum elong	-1089 Jun 29 j 19:55	25°♊47'02	1°38'39
	-1089 Jul 01 j 21:21	0°♋	
max. Earth dist.	-1089 Jul 04 j 03:38	4°♋32'28	1.35503 AU
evening rise	-1089 Jul 08 j 11:34	12°♋55'29	
	-1089 Jul 18 j 02:46	0°♌	
desc. node	-1089 Jul 28 j 02:10	15°♌28'25	
	-1089 Aug 08 j 05:34	0°♍	
evening max el	-1089 Aug 12 j 22:45	5°♍00'25	26°32'26
retrograde	-1089 Aug 25 j 19:30	12°♍13'58	
evening set	-1089 Sep 01 j 08:26	9°♍31'56	
min. Earth dist.	-1089 Sep 05 j 10:33	5°♍16'05	0.66062 AU
inferior conj	-1089 Sep 07 j 01:13	3°♍19'11	-2°-10'-15
minimum elong	-1089 Sep 07 j 04:24	3°♍09'31	2°09'03
	-1089 Sep 09 j 23:08	30°℞♌	
morning rise	-1089 Sep 13 j 01:26	27°♌31'02	
asc. node	-1089 Sep 13 j 15:40	27°♌13'20	
direct	-1089 Sep 16 j 00:05	26°♌42'02	
	-1089 Sep 22 j 07:01	0°♍	
morning max el	-1089 Sep 22 j 17:18	0°♍25'29	18°37'56
	-1089 Oct 12 j 20:10	0°♎	
morning set	-1089 Oct 13 j 04:27	0°♎33'05	
desc. node	-1089 Oct 24 j 01:32	17°♎50'33	
superior conj	-1089 Oct 29 j 02:09	25°♎45'35	0°-32'-16
minimum elong	-1089 Oct 28 j 21:55	25°♎28'54	0°31'45
max. Earth dist.	-1089 Oct 29 j 10:35	26°♎18'46	1.44979 AU
	-1089 Oct 31 j 18:51	0°♏	
evening rise	-1089 Nov 14 j 03:08	21°♏05'58	
	-1089 Nov 19 j 17:11	0°♐	
evening max el	-1089 Dec 06 j 01:39	23°♐31'07	19°00'46
asc. node	-1089 Dec 10 j 14:54	26°♐56'10	
retrograde	-1089 Dec 12 j 23:05	27°♐26'23	
evening set	-1089 Dec 16 j 03:33	26°♐27'43	
inferior conj	-1089 Dec 21 j 21:17	20°♐38'54	3°13'06
minimum elong	-1089 Dec 21 j 18:27	20°♐47'43	3°12'26
min. Earth dist.	-1089 Dec 23 j 10:08	18°♐43'47	0.65598 AU
morning rise	-1089 Dec 27 j 08:26	14°♐28'14	
direct	-1088 Jan 02 j 20:30	11°♐39'19	
morning max el	-1088 Jan 15 j 18:20	19°♐13'06	26°36'42
desc. node	-1088 Jan 20 j 00:46	23°♐51'44	
	-1088 Jan 24 j 23:25	0°♑	
	-1088 Feb 13 j 14:14	0°♒	
morning set	-1088 Feb 20 j 17:22	12°♒56'29	
max. Earth dist.	-1088 Feb 25 j 00:10	21°♒15'20	1.34751 AU
superior conj	-1088 Feb 29 j 09:42	0°♓10'22	-1°-9'-32
minimum elong	-1088 Feb 29 j 12:50	0°♓26'30	1°09'02
	-1088 Feb 29 j 07:41	0°♓	
asc. node	-1088 Mar 07 j 14:13	15°♓10'08	
evening rise	-1088 Mar 08 j 00:51	16°♓05'12	
	-1088 Mar 15 j 03:15	0°♈	
evening max el	-1088 Mar 27 j 06:35	17°♈06'22	20°59'22
retrograde	-1088 Apr 07 j 19:41	22°♈40'28	
evening set	-1088 Apr 10 j 02:54	22°♈28'02	
desc. node	-1088 Apr 16 j 23:53	19°♈49'42	
inferior conj	-1088 Apr 19 j 09:13	18°♈30'03	0°-40'-45
minimum elong	-1088 Apr 19 j 07:17	18°♈32'47	0°40'04
min. Earth dist.	-1088 Apr 20 j 03:37	18°♈03'59	0.55068 AU
morning rise	-1088 Apr 28 j 10:57	14°♈24'02	
direct	-1088 May 01 j 17:55	14°♈00'37	
morning max el	-1088 May 14 j 17:03	20°♈14'15	22°38'47
	-1088 May 22 j 20:59	0°♉	
asc. node	-1088 Jun 03 j 13:31	20°♉32'49	
morning set	-1088 Jun 05 j 20:17	25°♉14'37	
	-1088 Jun 08 j 02:26	0°♊	
superior conj	-1088 Jun 13 j 01:37	10°♊35'14	1°25'21
minimum elong	-1088 Jun 12 j 23:06	10°♊21'53	1°25'04
max. Earth dist.	-1088 Jun 15 j 23:00	16°♊39'35	1.34164 AU
evening rise	-1088 Jun 20 j 22:09	26°♊42'01	
	-1088 Jun 22 j 14:57	0°♋	
	-1088 Jul 10 j 10:33	0°♌	
desc. node	-1088 Jul 13 j 23:11	4°♌57'15	
evening max el	-1088 Jul 25 j 10:31	18°♌25'26	27°12'37
retrograde	-1088 Aug 07 j 19:23	25°♌44'59	
evening set	-1088 Aug 14 j 19:13	22°♌59'36	
min. Earth dist.	-1088 Aug 18 j 14:19	19°♌21'20	0.64851 AU
inferior conj	-1088 Aug 20 j 18:06	16°♌57'39	-3°-2'-4
minimum elong	-1088 Aug 20 j 22:18	16°♌45'58	3°00'46
morning rise	-1088 Aug 27 j 02:57	11°♌24'25	
direct	-1088 Aug 29 j 19:16	10°♌46'20	
asc. node	-1088 Aug 30 j 12:43	10°♌49'09	
morning max el	-1088 Sep 05 j 07:37	14°♌16'14	18°07'20
	-1088 Sep 16 j 09:58	0°♍	
morning set	-1088 Sep 23 j 08:04	11°♍31'27	
	-1088 Oct 04 j 13:33	0°♎	
superior conj	-1088 Oct 07 j 07:47	4°♎26'03	0°17'03
minimum elong	-1088 Oct 07 j 09:51	4°♎34'18	0°16'46
desc. node	-1088 Oct 09 j 22:34	8°♎36'04	
max. Earth dist.	-1088 Oct 11 j 05:26	10°♎38'19	1.44696 AU
evening rise	-1088 Oct 23 j 21:25	0°♏25'40	
	-1088 Oct 23 j 14:47	0°♏	
greatest brilliancy	-1088 Nov 10 j 20:02	27°♏32'26	-0.6m
	-1088 Nov 12 j 14:38	0°♐	
evening max el	-1088 Nov 18 j 07:57	6°♐58'30	19°51'28
retrograde	-1088 Nov 25 j 20:17	11°♐21'52	
asc. node	-1088 Nov 26 j 11:57	11°♐19'26	
evening set	-1088 Nov 29 j 08:32	10°♐09'48	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

inferior conj	-1088 Dec 04 j 21:44	4°♐07'01	2°36'27
minimum elong	-1088 Dec 04 j 18:55	4°♐16'23	2°35'34
min. Earth dist.	-1088 Dec 05 j 20:58	2°♐50'08	0.66604 AU
	-1088 Dec 08 j 03:19	30°℞♏	
morning rise	-1088 Dec 10 j 04:41	27°♏52'36	
direct	-1088 Dec 16 j 03:08	25°♏16'05	
	-1088 Dec 25 j 14:22	0°♐	
morning max el	-1088 Dec 28 j 03:21	2°♐23'49	25°24'26
desc. node	-1087 Jan 05 j 21:48	12°♐37'30	
	-1087 Jan 18 j 03:13	0°♑	
morning set	-1087 Feb 02 j 08:45	25°♑23'59	
	-1087 Feb 04 j 20:58	0°♒	
max. Earth dist.	-1087 Feb 06 j 03:42	2°♒23'47	1.36399 AU
superior conj	-1087 Feb 12 j 01:15	13°♒49'39	-1°-32'-18
minimum elong	-1087 Feb 12 j 04:54	14°♒07'51	1°31'52
evening rise	-1087 Feb 20 j 05:33	0°♓22'47	
	-1087 Feb 20 j 01:03	0°♓	
asc. node	-1087 Feb 22 j 11:16	4°♓51'42	
evening max el	-1087 Mar 09 j 17:32	28°♓38'58	19°47'09
	-1087 Mar 11 j 06:07	0°♈	
retrograde	-1087 Mar 19 j 13:43	3°♈21'31	
evening set	-1087 Mar 21 j 17:42	3°♈08'50	
	-1087 Mar 28 j 23:23	30°℞♓	
inferior conj	-1087 Mar 30 j 10:11	29°♓06'30	1°14'00
minimum elong	-1087 Mar 30 j 13:14	29°♓01'46	1°12'59
min. Earth dist.	-1087 Apr 01 j 17:50	27°♓40'14	0.55782 AU
desc. node	-1087 Apr 03 j 20:56	26°♓26'11	
morning rise	-1087 Apr 08 j 05:32	24°♓32'18	
direct	-1087 Apr 12 j 10:48	23°♓52'47	
	-1087 Apr 25 j 11:18	0°♈	
morning max el	-1087 Apr 26 j 09:07	0°♈50'29	24°19'18
	-1087 May 16 j 06:52	0°♉	
morning set	-1087 May 21 j 08:16	10°♉14'11	
asc. node	-1087 May 21 j 10:34	10°♉26'15	
superior conj	-1087 May 28 j 09:58	25°♉27'10	1°07'35
minimum elong	-1087 May 28 j 07:33	25°♉14'02	1°07'11
max. Earth dist.	-1087 May 30 j 03:08	29°♉09'02	1.33207 AU
	-1087 May 30 j 12:39	0°♊	
evening rise	-1087 Jun 04 j 19:07	10°♊59'53	
	-1087 Jun 14 j 21:46	0°♋	
desc. node	-1087 Jun 30 j 20:12	23°♋44'05	
	-1087 Jul 06 j 08:59	0°♌	
evening max el	-1087 Jul 07 j 20:34	1°♌27'54	27°25'10
retrograde	-1087 Jul 21 j 13:29	8°♌48'23	
evening set	-1087 Jul 28 j 18:11	6°♌11'29	
min. Earth dist.	-1087 Aug 01 j 08:30	3°♌06'06	0.63268 AU
inferior conj	-1087 Aug 04 j 01:43	0°♌23'17	-3°-47'-53
minimum elong	-1087 Aug 04 j 06:11	0°♌12'05	3°46'50
	-1087 Aug 04 j 11:02	30°℞♋	
morning rise	-1087 Aug 10 j 20:23	25°♋08'20	
direct	-1087 Aug 13 j 08:47	24°♋38'06	
asc. node	-1087 Aug 17 j 09:47	25°♋57'02	
morning max el	-1087 Aug 19 j 23:12	28°♋03'04	17°54'22
	-1087 Aug 21 j 17:56	0°♌	
morning set	-1087 Sep 05 j 12:17	23°♌40'15	
	-1087 Sep 09 j 03:11	0°♍	
superior conj	-1087 Sep 17 j 12:10	14°♍15'35	0°58'44
minimum elong	-1087 Sep 17 j 17:17	14°♍36'54	0°58'07
max. Earth dist.	-1087 Sep 23 j 21:25	24°♍42'16	1.43720 AU
desc. node	-1087 Sep 26 j 19:35	29°♍22'26	
	-1087 Sep 27 j 05:04	0°♎	
evening rise	-1087 Oct 03 j 03:46	9°♎18'10	
	-1087 Oct 16 j 21:04	0°♏	
greatest brilliancy	-1087 Oct 26 j 19:02	13°♏51'58	-0.5m
evening max el	-1087 Nov 01 j 08:39	20°♏25'45	20°55'56
retrograde	-1087 Nov 09 j 17:47	25°♏23'53	
asc. node	-1087 Nov 13 j 09:01	24°♏08'44	
evening set	-1087 Nov 13 j 15:51	23°♏56'22	
inferior conj	-1087 Nov 19 j 02:17	17°♏43'07	1°52'38
minimum elong	-1087 Nov 18 j 23:58	17°♏51'02	1°51'46
min. Earth dist.	-1087 Nov 19 j 13:33	17°♏04'33	0.67250 AU
morning rise	-1087 Nov 24 j 07:42	11°♏27'06	
direct	-1087 Nov 29 j 14:55	9°♏09'46	
morning max el	-1087 Dec 10 j 11:57	15°♏39'03	23°59'36
	-1087 Dec 22 j 07:12	0°♐	
desc. node	-1087 Dec 23 j 18:51	2°♐02'43	
	-1086 Jan 11 j 02:39	0°♑	
morning set	-1086 Jan 15 j 01:54	6°♑41'41	
max. Earth dist.	-1086 Jan 18 j 23:32	13°♑31'15	1.38388 AU
superior conj	-1086 Jan 26 j 04:29	26°♑47'39	-1°-50'-4
minimum elong	-1086 Jan 26 j 07:39	27°♑02'41	1°49'52
	-1086 Jan 27 j 20:43	0°♒	
evening rise	-1086 Feb 04 j 03:23	14°♒13'31	
asc. node	-1086 Feb 09 j 08:19	24°♒12'25	
	-1086 Feb 12 j 14:56	0°♓	
evening max el	-1086 Feb 20 j 14:56	10°♓48'10	18°54'10
retrograde	-1086 Feb 28 j 22:56	14°♓49'27	
evening set	-1086 Mar 03 j 06:15	14°♓32'14	
inferior conj	-1086 Mar 11 j 04:40	10°♓14'25	2°41'23
minimum elong	-1086 Mar 11 j 09:11	10°♓06'16	2°40'14
min. Earth dist.	-1086 Mar 14 j 10:06	7°♓56'13	0.57275 AU
morning rise	-1086 Mar 19 j 07:59	5°♓07'53	
desc. node	-1086 Mar 21 j 17:59	4°♓19'37	
direct	-1086 Mar 24 j 17:04	3°♓58'16	
morning max el	-1086 Apr 08 j 00:23	11°♓24'47	25°52'29
	-1086 Apr 22 j 07:50	0°♈	
morning set	-1086 May 05 j 20:00	25°♈13'06	
asc. node	-1086 May 08 j 07:38	0°♉30'44	
	-1086 May 08 j 01:55	0°♉	
superior conj	-1086 May 12 j 20:56	10°♉26'20	0°46'26
minimum elong	-1086 May 12 j 19:02	10°♉16'00	0°46'04
max. Earth dist.	-1086 May 13 j 13:25	11°♉56'32	1.32621 AU
evening rise	-1086 May 19 j 23:13	25°♉39'02	
	-1086 May 22 j 02:21	0°♊	
	-1086 Jun 08 j 12:20	0°♋	
desc. node	-1086 Jun 17 j 17:14	11°♋31'20	
evening max el	-1086 Jun 20 j 02:40	13°♋56'13	27°05'42
retrograde	-1086 Jul 04 j 00:57	21°♋14'51	
evening set	-1086 Jul 11 j 01:17	19°♋00'43	
min. Earth dist.	-1086 Jul 14 j 16:39	16°♋17'03	0.61374 AU
inferior conj	-1086 Jul 17 j 20:54	13°♋28'52	-4°-22'-34
minimum elong	-1086 Jul 18 j 00:19	13°♋21'19	4°22'06
morning rise	-1086 Jul 25 j 02:15	8°♋34'51	
direct	-1086 Jul 27 j 13:02	8°♋10'02	
morning max el	-1086 Aug 03 j 13:07	11°♋39'02	17°59'58
asc. node	-1086 Aug 04 j 06:51	12°♋24'03	
	-1086 Aug 15 j 18:53	0°♌	
morning set	-1086 Aug 19 j 11:12	6°♌43'10	
superior conj	-1086 Aug 29 j 20:05	25°♌27'00	1°27'24
minimum elong	-1086 Aug 30 j 00:33	25°♌46'32	1°26'59
	-1086 Sep 01 j 11:02	0°♍	
max. Earth dist.	-1086 Sep 06 j 08:15	8°♍14'23	1.42184 AU
evening rise	-1086 Sep 12 j 16:33	18°♍31'34	
desc. node	-1086 Sep 13 j 16:37	20°♍06'44	
	-1086 Sep 20 j 02:02	0°♎	
greatest brilliancy	-1086 Oct 10 j 09:59	28°♎33'31	-0.3m
	-1086 Oct 11 j 14:46	0°♏	
evening max el	-1086 Oct 15 j 03:36	3°♏54'05	22°10'38

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

retrograde	-1086 Oct 24 j 13:44	9°♏30'16	
evening set	-1086 Oct 28 j 23:43	7°♏45'25	
asc. node	-1086 Oct 31 j 06:03	5°♏30'30	
inferior conj	-1086 Nov 03 j 08:56	1°♏25'26	1°03'37
minimum elong	-1086 Nov 03 j 07:30	1°♏30'22	1°03'02
min. Earth dist.	-1086 Nov 03 j 09:24	1°♏23'50	0.67566 AU
	-1086 Nov 04 j 09:46	30°℞♎	
morning rise	-1086 Nov 08 j 15:07	25°♎10'23	
direct	-1086 Nov 13 j 07:10	23°♎15'07	
morning max el	-1086 Nov 22 j 22:41	28°♎58'38	22°32'09
	-1086 Nov 23 j 22:19	0°♏	
greatest brilliancy	-1086 Nov 27 j 14:18	4°♏11'44	-0.3m
desc. node	-1086 Dec 10 j 15:55	21°♏56'32	
	-1086 Dec 16 j 01:50	0°♐	
morning set	-1086 Dec 26 j 15:04	16°♐36'11	
max. Earth dist.	-1086 Dec 31 j 19:30	25°♐13'54	1.40503 AU
	-1085 Jan 03 j 14:13	0°♑	
superior conj	-1085 Jan 08 j 14:48	8°♑53'20	-1°-59'-32
minimum elong	-1085 Jan 08 j 15:47	8°♑57'48	1°59'33
evening rise	-1085 Jan 18 j 15:22	27°♑30'38	
	-1085 Jan 19 j 23:04	0°♒	
asc. node	-1085 Jan 27 j 05:22	13°♒05'33	
evening max el	-1085 Feb 03 j 20:22	23°♒27'55	18°21'12
retrograde	-1085 Feb 11 j 02:47	27°♒03'39	
evening set	-1085 Feb 13 j 14:31	26°♒39'27	
inferior conj	-1085 Feb 20 j 20:01	22°♒00'50	3°32'43
minimum elong	-1085 Feb 20 j 23:00	21°♒54'34	3°32'18
min. Earth dist.	-1085 Feb 24 j 06:06	19°♒10'08	0.59239 AU
morning rise	-1085 Feb 28 j 03:55	16°♒29'04	
direct	-1085 Mar 06 j 12:35	14°♒41'19	
desc. node	-1085 Mar 08 j 15:03	14°♒52'48	
morning max el	-1085 Mar 20 j 19:44	22°♒22'33	27°03'22
	-1085 Mar 27 j 13:37	0°♓	
	-1085 Apr 15 j 05:23	0°♈	
morning set	-1085 Apr 20 j 05:43	10°♈04'46	
asc. node	-1085 Apr 25 j 04:40	20°♈41'05	
superior conj	-1085 Apr 27 j 08:41	25°♈25'50	0°22'45
minimum elong	-1085 Apr 27 j 07:41	25°♈20'20	0°22'32
max. Earth dist.	-1085 Apr 27 j 02:17	24°♈50'47	1.32397 AU
	-1085 Apr 29 j 10:41	0°♉	
evening rise	-1085 May 04 j 07:53	10°♉30'17	
	-1085 May 14 j 09:38	0°♊	
evening max el	-1085 Jun 02 j 02:40	25°♊41'20	26°13'43
desc. node	-1085 Jun 04 j 14:16	27°♊53'33	
	-1085 Jun 07 j 11:12	0°♋	
retrograde	-1085 Jun 16 j 03:57	2°♋55'58	
evening set	-1085 Jun 22 j 11:53	1°♋16'58	
	-1085 Jun 24 j 16:47	30°℞♊	
min. Earth dist.	-1085 Jun 26 j 15:40	28°♊38'31	0.59324 AU
inferior conj	-1085 Jun 30 j 00:00	26°♊04'26	-4°-38'-9
minimum elong	-1085 Jun 30 j 00:28	26°♊03'33	4°38'09
morning rise	-1085 Jul 07 j 16:34	21°♊32'51	
direct	-1085 Jul 10 j 03:52	21°♊11'37	
morning max el	-1085 Jul 17 j 22:19	24°♊54'59	18°25'13
asc. node	-1085 Jul 22 j 03:54	29°♊54'06	
	-1085 Jul 22 j 05:36	0°♋	
morning set	-1085 Aug 02 j 23:37	20°♋25'46	
	-1085 Aug 07 j 23:41	0°♌	
superior conj	-1085 Aug 12 j 03:44	7°♌48'47	1°43'03
minimum elong	-1085 Aug 12 j 06:00	7°♌59'15	1°42'56
max. Earth dist.	-1085 Aug 19 j 13:43	21°♌04'21	1.40295 AU
evening rise	-1085 Aug 24 j 02:22	28°♌44'21	
	-1085 Aug 24 j 20:40	0°♍	
desc. node	-1085 Aug 31 j 13:38	10°♍44'35	

	-1085 Sep 13 j 15:08	0°♎	
evening max el	-1085 Sep 27 j 17:54	17°♎24'26	23°30'38
retrograde	-1085 Oct 08 j 06:38	23°♎37'35	
evening set	-1085 Oct 13 j 06:24	21°♎34'10	
min. Earth dist.	-1085 Oct 18 j 05:59	15°♎45'02	0.67562 AU
asc. node	-1085 Oct 18 j 03:06	15°♎54'54	
inferior conj	-1085 Oct 18 j 15:50	15°♎11'19	0°11'00
minimum elong	-1085 Oct 18 j 15:34	15°♎12'13	0°10'53
transit middle	-1085 Oct 18 j 15:34	15°♎12'13	0°10'53
transit begin	-1085 Oct 18 j 13:33	15°♎19'08	
transit end	-1085 Oct 18 j 17:36	15°♎05'18	
morning rise	-1085 Oct 24 j 00:49	9°♎00'05	
direct	-1085 Oct 28 j 02:46	7°♎26'50	
morning max el	-1085 Nov 05 j 14:57	12°♎25'49	21°10'22
greatest brilliancy	-1085 Nov 11 j 00:52	18°♎42'08	-0.5m
	-1085 Nov 19 j 06:59	0°♏	
desc. node	-1085 Nov 27 j 12:59	12°♏10'37	
morning set	-1085 Dec 06 j 00:36	25°♏13'55	
	-1085 Dec 09 j 01:00	0°♐	
max. Earth dist.	-1085 Dec 13 j 22:22	7°♐53'33	1.42443 AU
superior conj	-1085 Dec 21 j 02:45	19°♐53'47	-1°-56'-33
minimum elong	-1085 Dec 20 j 23:41	19°♐40'42	1°56'28
	-1085 Dec 26 j 22:11	0°♑	
evening rise	-1084 Jan 01 j 13:51	10°♑06'45	
	-1084 Jan 13 j 03:43	0°♒	
asc. node	-1084 Jan 14 j 02:23	1°♒22'42	
evening max el	-1084 Jan 18 j 06:49	6°♒29'45	18°08'02
retrograde	-1084 Jan 24 j 23:04	9°♒55'40	
evening set	-1084 Jan 27 j 14:45	9°♒23'14	
inferior conj	-1084 Feb 03 j 06:25	4°♒22'37	3°52'48
minimum elong	-1084 Feb 03 j 07:00	4°♒21'13	3°52'47
min. Earth dist.	-1084 Feb 06 j 08:45	1°♒24'14	0.61319 AU
	-1084 Feb 07 j 23:08	30°℞♑	
morning rise	-1084 Feb 09 j 20:42	28°♑33'48	
direct	-1084 Feb 16 j 18:25	26°♑11'51	
desc. node	-1084 Feb 23 j 12:06	28°♑11'08	
	-1084 Feb 26 j 06:50	0°♒	
morning max el	-1084 Mar 01 j 21:21	3°♒59'48	27°41'11
	-1084 Mar 21 j 04:18	0°♓	
morning set	-1084 Apr 03 j 11:35	24°♓42'44	
	-1084 Apr 06 j 00:30	0°♈	
max. Earth dist.	-1084 Apr 09 j 14:03	7°♈39'00	1.32537 AU
superior conj	-1084 Apr 10 j 19:36	10°♈19'49	0°-2'-42
minimum elong	-1084 Apr 10 j 19:43	10°♈20'30	0°02'41
behind sun begin	-1084 Apr 10 j 14:42	9°♈53'07	
behind sun end	-1084 Apr 11 j 00:44	10°♈47'53	
asc. node	-1084 Apr 11 j 01:43	10°♈53'11	
evening rise	-1084 Apr 17 j 19:02	25°♈26'18	
	-1084 Apr 19 j 23:37	0°♉	
	-1084 May 07 j 19:53	0°♊	
evening max el	-1084 May 13 j 20:18	6°♊44'24	24°54'54
desc. node	-1084 May 21 j 11:15	12°♊17'23	
retrograde	-1084 May 27 j 20:10	13°♊50'28	
evening set	-1084 Jun 01 j 23:38	12°♊50'04	
min. Earth dist.	-1084 Jun 07 j 07:59	9°♊59'49	0.57373 AU
inferior conj	-1084 Jun 10 j 07:46	8°♊00'36	-4°-23'-25
minimum elong	-1084 Jun 10 j 03:53	8°♊07'07	4°22'58
morning rise	-1084 Jun 18 j 12:01	3°♊50'22	
direct	-1084 Jun 21 j 01:09	3°♊31'36	
morning max el	-1084 Jun 29 j 23:50	7°♊41'57	19°11'10
asc. node	-1084 Jul 08 j 00:58	18°♊13'19	
	-1084 Jul 14 j 12:58	0°♋	
morning set	-1084 Jul 16 j 21:37	4°♋38'00	
superior conj	-1084 Jul 25 j 05:29	21°♋05'44	1°47'49

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1084 Jul 25 j 05:34	21°♋06'11	1°47'50	
	-1084 Jul 29 j 22:07	0°♌		
max. Earth dist.	-1084 Jul 31 j 16:40	3°♌15'29	1.38298 AU	
evening rise	-1084 Aug 04 j 13:26	10°♌09'13		
	-1084 Aug 16 j 15:54	0°♍		
desc. node	-1084 Aug 17 j 10:37	1°♍11'41		
	-1084 Sep 08 j 06:40	0°♎		
evening max el	-1084 Sep 09 j 05:39	0°♎57'54	24°49'20	
retrograde	-1084 Sep 20 j 19:34	7°♎42'15		
evening set	-1084 Sep 26 j 10:13	5°♎20'43		
min. Earth dist.	-1084 Oct 01 j 00:51	0°♎06'23	0.67243 AU	
	-1084 Oct 01 j 02:47	30°℞♍		
inferior conj	-1084 Oct 01 j 21:16	28°♍58'45	0°-43'-44	
minimum elong	-1084 Oct 01 j 22:21	28°♍55'11	0°43'18	
asc. node	-1084 Oct 04 j 00:09	26°♍15'36		
morning rise	-1084 Oct 07 j 10:53	22°♍54'15		
direct	-1084 Oct 11 j 00:28	21°♍40'57		
morning max el	-1084 Oct 18 j 14:48	26°♍03'04	19°59'40	
	-1084 Oct 22 j 02:16	0°♎		
greatest brilliancy	-1084 Oct 25 j 22:57	5°♎04'47	-0.6m	
	-1084 Nov 11 j 16:50	0°♏		
desc. node	-1084 Nov 13 j 09:59	2°♏38'38		
morning set	-1084 Nov 13 j 21:24	3°♏22'44		
max. Earth dist.	-1084 Nov 25 j 09:12	21°♏24'32	1.43938 AU	
superior conj	-1084 Nov 30 j 11:50	29°♏38'41	-1°-36'-56	
minimum elong	-1084 Nov 30 j 04:34	29°♏09'10	1°36'21	
	-1084 Nov 30 j 17:04	0°♐		
evening rise	-1084 Dec 13 j 18:29	21°♐52'49		
	-1084 Dec 18 j 12:10	0°♑		
asc. node	-1084 Dec 30 j 23:25	18°♑52'25		
evening max el	-1084 Dec 31 j 19:16	19°♑44'59	18°14'09	
retrograde	-1083 Jan 07 j 07:16	23°♑14'13		
evening set	-1083 Jan 10 j 02:59	22°♑32'43		
inferior conj	-1083 Jan 16 j 08:03	17°♑11'24	3°49'40	
minimum elong	-1083 Jan 16 j 06:40	17°♑15'11	3°49'31	
min. Earth dist.	-1083 Jan 18 j 20:36	14°♑27'05	0.63239 AU	
morning rise	-1083 Jan 22 j 08:36	11°♑11'10		
direct	-1083 Jan 29 j 08:37	8°♑27'15		
desc. node	-1083 Feb 09 j 09:10	13°♑41'39		
morning max el	-1083 Feb 12 j 04:19	16°♑16'56	27°42'08	
	-1083 Feb 23 j 12:48	0°♒		
	-1083 Mar 13 j 20:21	0°♓		
morning set	-1083 Mar 18 j 11:15	8°♓58'20		
max. Earth dist.	-1083 Mar 23 j 20:39	20°♓06'21	1.33059 AU	
superior conj	-1083 Mar 26 j 03:55	25°♓01'32	0°-29'00	
minimum elong	-1083 Mar 26 j 05:17	25°♓08'53	0°28'44	
	-1083 Mar 28 j 11:14	0°♈		
asc. node	-1083 Mar 28 j 22:44	1°♈02'10		
evening rise	-1083 Apr 02 j 06:47	10°♈19'24		
	-1083 Apr 12 j 12:02	0°♉		
evening max el	-1083 Apr 25 j 11:03	17°♉21'53	23°21'29	
desc. node	-1083 May 08 j 08:17	24°♉05'59		
retrograde	-1083 May 09 j 00:04	24°♉06'57		
evening set	-1083 May 12 j 17:25	23°♉36'31		
min. Earth dist.	-1083 May 19 j 21:14	20°♉20'44	0.55846 AU	
inferior conj	-1083 May 21 j 19:32	19°♉12'22	-3°-27'-4	
minimum elong	-1083 May 21 j 12:41	19°♉22'32	3°25'24	
morning rise	-1083 May 30 j 11:20	15°♉16'31		
direct	-1083 Jun 02 j 03:09	14°♉59'13		
morning max el	-1083 Jun 12 j 15:19	19°♉50'58	20°18'01	
	-1083 Jun 20 j 17:02	0°♊		
asc. node	-1083 Jun 24 j 22:01	7°♊09'43		
morning set	-1083 Jul 01 j 02:16	19°♊11'40		
	-1083 Jul 06 j 08:40	0°♋		

superior conj	-1083 Jul 08 j 20:15	5°♋03'13	1°44'02	
minimum elong	-1083 Jul 08 j 18:47	4°♋55'48	1°44'00	
max. Earth dist.	-1083 Jul 13 j 22:10	15°♋05'04	1.36431 AU	
evening rise	-1083 Jul 17 j 22:50	22°♋39'42		
	-1083 Jul 22 j 01:05	0°♌		
desc. node	-1083 Aug 04 j 07:36	21°♌22'41		
	-1083 Aug 10 j 09:51	0°♍		
evening max el	-1083 Aug 22 j 16:51	14°♍33'17	25°59'16	
retrograde	-1083 Sep 04 j 03:58	21°♍39'47		
evening set	-1083 Sep 10 j 09:18	19°♍03'15		
min. Earth dist.	-1083 Sep 14 j 15:43	14°♍25'52	0.66590 AU	
inferior conj	-1083 Sep 15 j 23:29	12°♍45'58	-1°-38'-57	
minimum elong	-1083 Sep 16 j 01:56	12°♍38'15	1°37'59	
asc. node	-1083 Sep 20 j 21:13	7°♍29'03		
morning rise	-1083 Sep 21 j 19:25	6°♍51'08		
direct	-1083 Sep 24 j 22:46	5°♍54'28		
morning max el	-1083 Oct 01 j 21:53	9°♍49'29	19°03'16	
	-1083 Oct 16 j 10:37	0°♎		
morning set	-1083 Oct 24 j 06:00	12°♎13'21		
desc. node	-1083 Oct 31 j 06:59	23°♎16'27		
	-1083 Nov 04 j 13:50	0°♏		
max. Earth dist.	-1083 Nov 08 j 01:17	5°♏28'11	1.44801 AU	
superior conj	-1083 Nov 09 j 20:42	8°♏19'28	0°-59'-36	
minimum elong	-1083 Nov 09 j 13:35	7°♏51'23	0°58'47	
	-1083 Nov 23 j 09:23	0°♐		
evening rise	-1083 Nov 25 j 01:05	2°♐41'42		
	-1083 Dec 12 j 14:06	0°♑		
evening max el	-1083 Dec 15 j 07:05	3°♑08'03	18°38'43	
asc. node	-1083 Dec 17 j 20:28	5°♑21'35		
retrograde	-1083 Dec 21 j 23:09	6°♑51'28		
evening set	-1083 Dec 24 j 23:52	5°♑59'42		
inferior conj	-1083 Dec 30 j 21:05	0°♑20'05	3°30'00	
minimum elong	-1083 Dec 30 j 18:33	0°♑27'39	3°29'31	
	-1083 Dec 31 j 03:46	30°℞♐		
min. Earth dist.	-1082 Jan 01 j 18:26	28°♐04'27	0.64844 AU	
morning rise	-1082 Jan 05 j 12:03	24°♐12'14		
direct	-1082 Jan 12 j 06:05	21°♐21'03		
morning max el	-1082 Jan 25 j 13:52	29°♐04'40	27°08'44	
	-1082 Jan 26 j 11:36	0°♑		
desc. node	-1082 Jan 27 j 06:14	0°♑49'06		
	-1082 Feb 17 j 08:50	0°♒		
morning set	-1082 Mar 02 j 01:46	22°♒42'21		
	-1082 Mar 05 j 18:12	0°♓		
max. Earth dist.	-1082 Mar 06 j 18:06	2°♓01'22	1.34003 AU	
superior conj	-1082 Mar 10 j 07:43	9°♓25'02	0°-55'-8	
minimum elong	-1082 Mar 10 j 10:16	9°♓38'29	0°54'40	
asc. node	-1082 Mar 15 j 19:47	21°♓04'12		
evening rise	-1082 Mar 17 j 17:21	25°♓03'39		
	-1082 Mar 20 j 02:56	0°♈		
evening max el	-1082 Apr 07 j 05:59	28°♈04'18	21°48'13	
	-1082 Apr 09 j 10:27	0°♉		
retrograde	-1082 Apr 19 j 17:02	4°♉08'40		
evening set	-1082 Apr 22 j 07:47	3°♉53'21		
desc. node	-1082 Apr 25 j 05:21	3°♉03'29		
	-1082 May 01 j 09:37	30°℞♈		
inferior conj	-1082 May 01 j 16:53	29°♈49'47	-1°-48'-42	
minimum elong	-1082 May 01 j 11:57	29°♈56'44	1°47'03	
min. Earth dist.	-1082 May 01 j 10:26	29°♈58'51	0.55078 AU	
morning rise	-1082 May 10 j 17:09	25°♈52'39		
direct	-1082 May 13 j 15:41	25°♈33'33		
	-1082 May 24 j 08:25	0°♉		
morning max el	-1082 May 25 j 19:50	1°♉17'43	21°43'29	
asc. node	-1082 Jun 11 j 19:03	26°♉33'55		
	-1082 Jun 13 j 12:23	0°♊		
morning set	-1082 Jun 15 j 11:12	3°♊59'54		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1082 Jun 22 j 20:05	19°♊28'59	1°33'42
minimum elong	-1082 Jun 22 j 17:46	19°♊16'51	1°33'29
max. Earth dist.	-1082 Jun 26 j 11:26	26°♊58'44	1.34876 AU
	-1082 Jun 27 j 23:31	0°♋	
evening rise	-1082 Jul 01 j 01:35	6°♋02'23	
	-1082 Jul 14 j 17:52	0°♌	
desc. node	-1082 Jul 22 j 04:38	11°♌09'48	
evening max el	-1082 Aug 05 j 04:30	28°♌04'37	26°52'35
	-1082 Aug 07 j 06:57	0°♍	
retrograde	-1082 Aug 18 j 07:20	5°♍22'39	
evening set	-1082 Aug 25 j 01:22	2°♍37'47	
	-1082 Aug 27 j 19:00	30°℞♌	
min. Earth dist.	-1082 Aug 29 j 00:13	28°♌38'14	0.65583 AU
inferior conj	-1082 Aug 30 j 20:26	26°♌28'57	-2°-32'-46
minimum elong	-1082 Aug 31 j 00:07	26°♌18'10	2°31'29
morning rise	-1082 Sep 06 j 00:11	20°♌46'53	
asc. node	-1082 Sep 07 j 18:16	20°♌09'21	
direct	-1082 Sep 08 j 19:44	20°♌03'07	
morning max el	-1082 Sep 15 j 10:15	23°♌40'06	18°22'51
	-1082 Sep 20 j 13:02	0°♍	
morning set	-1082 Oct 04 j 17:18	22°♍24'05	
	-1082 Oct 09 j 09:43	0°♎	
desc. node	-1082 Oct 18 j 03:59	14°♎00'02	
superior conj	-1082 Oct 19 j 20:59	16°♎42'04	0°-11'-6
minimum elong	-1082 Oct 19 j 19:32	16°♎36'18	0°10'55
behind sun begin	-1082 Oct 19 j 11:07	16°♎03'06	
behind sun end	-1082 Oct 20 j 03:56	17°♎09'29	
max. Earth dist.	-1082 Oct 21 j 19:31	19°♎45'22	1.44945 AU
	-1082 Oct 28 j 08:08	0°♏	
evening rise	-1082 Nov 05 j 07:34	12°♏30'23	
	-1082 Nov 16 j 12:30	0°♐	
greatest brilliancy	-1082 Nov 19 j 05:14	4°♐05'21	-0.7m
evening max el	-1082 Nov 28 j 15:58	16°♐34'40	19°20'28
asc. node	-1082 Dec 04 j 17:32	20°♐34'46	
retrograde	-1082 Dec 05 j 19:08	20°♐41'10	
evening set	-1082 Dec 09 j 02:34	19°♐37'15	
inferior conj	-1082 Dec 14 j 18:10	13°♐42'14	2°58'34
minimum elong	-1082 Dec 14 j 15:16	13°♐51'33	2°57'46
min. Earth dist.	-1082 Dec 16 j 01:07	12°♐02'50	0.66075 AU
morning rise	-1082 Dec 20 j 03:09	7°♐29'30	
direct	-1082 Dec 26 j 09:47	4°♐44'27	
morning max el	-1081 Jan 07 j 23:18	12°♐09'31	26°07'58
desc. node	-1081 Jan 14 j 03:16	19°♐04'54	
	-1081 Jan 22 j 08:16	0°♑	
	-1081 Feb 10 j 00:06	0°♒	
morning set	-1081 Feb 13 j 03:05	5°♒42'14	
max. Earth dist.	-1081 Feb 17 j 03:43	13°♒21'33	1.35398 AU
superior conj	-1081 Feb 22 j 04:36	23°♒23'11	-1°-19'-40
minimum elong	-1081 Feb 22 j 08:03	23°♒40'41	1°19'10
	-1081 Feb 25 j 09:56	0°♓	
evening rise	-1081 Mar 02 j 00:48	9°♓32'49	
asc. node	-1081 Mar 02 j 16:51	10°♓54'49	
	-1081 Mar 13 j 02:06	0°♈	
evening max el	-1081 Mar 20 j 10:41	9°♈16'30	20°26'30
retrograde	-1081 Mar 31 j 06:34	14°♈27'47	
evening set	-1081 Apr 02 j 10:56	14°♈16'03	
inferior conj	-1081 Apr 11 j 12:28	10°♈18'31	0°09'53
minimum elong	-1081 Apr 11 j 12:55	10°♈17'52	0°09'43
transit middle	-1081 Apr 11 j 12:55	10°♈17'52	0°09'43
transit begin	-1081 Apr 11 j 09:43	10°♈22'32	
transit end	-1081 Apr 11 j 16:07	10°♈13'11	
desc. node	-1081 Apr 12 j 02:24	9°♈58'08	
min. Earth dist.	-1081 Apr 13 j 00:23	9°♈26'06	0.55257 AU
morning rise	-1081 Apr 20 j 12:49	6°♈01'32	
direct	-1081 Apr 24 j 04:09	5°♈32'44	
morning max el	-1081 May 07 j 15:07	12°♈07'38	23°21'28
	-1081 May 21 j 01:27	0°♉	
asc. node	-1081 May 29 j 16:07	16°♉18'51	
morning set	-1081 May 30 j 22:36	18°♉57'22	
	-1081 Jun 05 j 02:44	0°♊	
superior conj	-1081 Jun 07 j 02:03	4°♊14'07	1°18'18
minimum elong	-1081 Jun 06 j 23:30	4°♊00'29	1°17'57
max. Earth dist.	-1081 Jun 09 j 10:40	9°♊15'13	1.33706 AU
evening rise	-1081 Jun 14 j 17:05	20°♊04'21	
	-1081 Jun 19 j 21:09	0°♋	
	-1081 Jul 08 j 18:42	0°♌	
desc. node	-1081 Jul 09 j 01:40	0°♌22'58	
evening max el	-1081 Jul 18 j 15:57	11°♌22'23	27°21'49
retrograde	-1081 Aug 01 j 05:01	18°♌43'04	
evening set	-1081 Aug 08 j 07:36	15°♌59'55	
min. Earth dist.	-1081 Aug 12 j 00:18	12°♌36'14	0.64214 AU
inferior conj	-1081 Aug 14 j 09:46	10°♌03'15	-3°-22'-32
minimum elong	-1081 Aug 14 j 14:12	9°♌51'24	3°21'17
morning rise	-1081 Aug 20 j 22:39	4°♌37'08	
direct	-1081 Aug 23 j 12:55	4°♌02'46	
asc. node	-1081 Aug 25 j 15:19	4°♌25'27	
morning max el	-1081 Aug 30 j 01:24	7°♌29'55	17°59'35
	-1081 Sep 14 j 01:06	0°♍	
morning set	-1081 Sep 16 j 08:08	3°♍54'44	
superior conj	-1081 Sep 29 j 10:50	25°♍48'00	0°36'07
minimum elong	-1081 Sep 29 j 14:45	26°♍03'51	0°35'37
	-1081 Oct 02 j 01:16	0°♎	
max. Earth dist.	-1081 Oct 04 j 13:15	3°♎59'41	1.44364 AU
desc. node	-1081 Oct 05 j 01:02	4°♎46'26	
evening rise	-1081 Oct 15 j 18:52	21°♎33'43	
	-1081 Oct 21 j 06:58	0°♏	
greatest brilliancy	-1081 Nov 05 j 07:38	22°♏05'20	-0.6m
	-1081 Nov 11 j 19:05	0°♐	
evening max el	-1081 Nov 11 j 20:07	0°♐02'41	20°17'25
retrograde	-1081 Nov 19 j 16:37	4°♐39'48	
asc. node	-1081 Nov 21 j 14:35	4°♐18'47	
evening set	-1081 Nov 23 j 08:46	3°♐21'31	
	-1081 Nov 26 j 17:45	30°℞♏	
inferior conj	-1081 Nov 28 j 20:38	27°♏14'06	2°18'35
minimum elong	-1081 Nov 28 j 17:59	27°♏23'05	2°17'41
min. Earth dist.	-1081 Nov 29 j 14:40	26°♏13'27	0.66930 AU
morning rise	-1081 Dec 04 j 02:38	20°♏58'49	
direct	-1081 Dec 09 j 18:51	18°♏29'36	
morning max el	-1081 Dec 21 j 07:45	25°♏21'54	24°49'07
	-1081 Dec 25 j 13:17	0°♐	
desc. node	-1080 Jan 01 j 00:19	8°♐09'08	
	-1080 Jan 15 j 20:49	0°♑	
morning set	-1080 Jan 26 j 09:47	17°♑42'03	
max. Earth dist.	-1080 Jan 30 j 02:53	24°♑24'01	1.37216 AU
	-1080 Feb 02 j 02:54	0°♒	
superior conj	-1080 Feb 05 j 15:28	6°♒46'38	-1°-40'-38
minimum elong	-1080 Feb 05 j 19:04	7°♒04'16	1°40'17
evening rise	-1080 Feb 14 j 02:54	23°♒39'52	
	-1080 Feb 17 j 08:03	0°♓	
asc. node	-1080 Feb 17 j 13:54	0°♓28'19	
evening max el	-1080 Mar 02 j 02:25	21°♓05'38	19°22'11
retrograde	-1080 Mar 11 j 05:47	25°♓28'19	
evening set	-1080 Mar 13 j 11:02	25°♓14'00	
inferior conj	-1080 Mar 21 j 19:57	21°♓06'12	1°55'24
minimum elong	-1080 Mar 22 j 00:06	20°♓59'21	1°54'08
min. Earth dist.	-1080 Mar 24 j 15:10	19°♓16'12	0.56341 AU
desc. node	-1080 Mar 28 j 23:28	16°♓52'05	
morning rise	-1080 Mar 30 j 09:23	16°♓18'17	
direct	-1080 Apr 04 j 02:43	15°♓27'21	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning max el	-1080 Apr 18 j 05:52	22°♓38'48	25°00'45	
	-1080 Apr 24 j 18:14	0°♈		
	-1080 May 12 j 12:58	0°♉		
morning set	-1080 May 14 j 10:40	3°♉57'18		
asc. node	-1080 May 15 j 13:11	6°♉17'36		
superior conj	-1080 May 21 j 11:43	19°♉09'42	0°58'58	
minimum elong	-1080 May 21 j 09:28	18°♉57'29	0°58'34	
max. Earth dist.	-1080 May 22 j 18:00	21°♉54'08	1.32918 AU	
	-1080 May 26 j 12:54	0°♊		
evening rise	-1080 May 28 j 17:27	4°♊32'35		
	-1080 Jun 11 j 13:53	0°♋		
desc. node	-1080 Jun 24 j 22:43	18°♋46'54		
evening max el	-1080 Jun 30 j 00:50	24°♋12'14	27°21'01	
	-1080 Jul 07 j 21:37	0°♌		
retrograde	-1080 Jul 13 j 20:07	1°♌31'13		
	-1080 Jul 19 j 10:54	30°℞♋		
evening set	-1080 Jul 21 j 00:17	29°♋02'37		
min. Earth dist.	-1080 Jul 24 j 14:15	26°♋08'00	0.62495 AU	
inferior conj	-1080 Jul 27 j 12:30	23°♋21'15	-4°-4'-23	
minimum elong	-1080 Jul 27 j 16:43	23°♋11'11	4°03'34	
morning rise	-1080 Aug 03 j 11:35	18°♋14'36		
direct	-1080 Aug 05 j 23:07	17°♋46'48		
asc. node	-1080 Aug 11 j 12:22	20°♋08'19		
morning max el	-1080 Aug 12 j 16:32	21°♋12'15	17°54'24	
	-1080 Aug 19 j 08:22	0°♌		
morning set	-1080 Aug 28 j 20:59	16°♌28'26		
	-1080 Sep 05 j 12:23	0°♍		
superior conj	-1080 Sep 09 j 02:56	6°♍11'57	1°12'35	
minimum elong	-1080 Sep 09 j 08:06	6°♍33'56	1°12'00	
max. Earth dist.	-1080 Sep 16 j 03:39	17°♍53'13	1.43128 AU	
desc. node	-1080 Sep 20 j 22:04	25°♍32'18		
	-1080 Sep 23 j 18:10	0°♎		
evening rise	-1080 Sep 24 j 01:40	0°♎29'15		
	-1080 Oct 13 j 22:40	0°♏		
greatest brilliancy	-1080 Oct 19 j 17:07	7°♏41'03	-0.4m	
evening max el	-1080 Oct 24 j 18:25	13°♏30'53	21°26'44	
retrograde	-1080 Nov 02 j 13:33	18°♏44'28		
evening set	-1080 Nov 06 j 16:33	17°♏09'38		
asc. node	-1080 Nov 07 j 11:36	16°♏29'18		
inferior conj	-1080 Nov 12 j 02:18	10°♏53'11	1°32'23	
minimum elong	-1080 Nov 12 j 00:19	11°♏00'01	1°31'36	
min. Earth dist.	-1080 Nov 12 j 08:49	10°♏30'43	0.67427 AU	
morning rise	-1080 Nov 17 j 07:48	4°♏37'33		
direct	-1080 Nov 22 j 08:33	2°♏29'30		
morning max el	-1080 Dec 02 j 16:50	8°♏38'57	23°22'16	
greatest brilliancy	-1080 Dec 08 j 02:56	14°♏45'38	-0.2m	
desc. node	-1080 Dec 17 j 21:21	27°♏47'58		
	-1080 Dec 19 j 10:13	0°♐		
morning set	-1079 Jan 06 j 15:39	28°♐25'58		
	-1079 Jan 07 j 13:57	0°♑		
max. Earth dist.	-1079 Jan 10 j 22:22	5°♑45'30	1.39295 AU	
superior conj	-1079 Jan 18 j 12:13	19°♑24'50	-1°-55'-19	
minimum elong	-1079 Jan 18 j 14:42	19°♑36'22	1°55'14	
	-1079 Jan 24 j 02:16	0°♒		
evening rise	-1079 Jan 27 j 21:01	7°♒18'08		
asc. node	-1079 Feb 03 j 10:57	19°♒38'39		
	-1079 Feb 10 j 01:53	0°♓		
evening max el	-1079 Feb 13 j 03:35	3°♓29'04	18°37'35	
retrograde	-1079 Feb 20 j 23:12	7°♓17'37		
evening set	-1079 Feb 23 j 08:29	6°♓57'34		
inferior conj	-1079 Mar 02 j 23:19	2°♓30'48	3°07'26	
minimum elong	-1079 Mar 03 j 03:26	2°♓22'53	3°06'35	
	-1079 Mar 06 j 06:24	30°℞♒		
min. Earth dist.	-1079 Mar 06 j 08:27	29°♒56'14	0.58079 AU	
morning rise	-1079 Mar 10 j 18:29	27°♒12'36		
desc. node	-1079 Mar 15 j 20:30	25°♒48'50		
direct	-1079 Mar 16 j 14:30	25°♒47'25		
	-1079 Mar 27 j 01:56	0°♓		
morning max el	-1079 Mar 30 j 22:28	3°♓20'38	26°26'10	
	-1079 Apr 19 j 03:39	0°♈		
morning set	-1079 Apr 28 j 21:46	18°♈53'58		
asc. node	-1079 May 02 j 10:14	26°♈25'09		
	-1079 May 04 j 01:40	0°♉		
superior conj	-1079 May 05 j 23:12	4°♉09'29	0°36'38	
minimum elong	-1079 May 05 j 21:39	4°♉01'00	0°36'19	
max. Earth dist.	-1079 May 06 j 06:01	4°♉46'50	1.32489 AU	
evening rise	-1079 May 12 j 23:46	19°♉17'39		
	-1079 May 18 j 07:53	0°♊		
	-1079 Jun 06 j 08:16	0°♋		
desc. node	-1079 Jun 11 j 19:44	6°♋01'08		
evening max el	-1079 Jun 12 j 04:27	6°♋22'06	26°47'15	
retrograde	-1079 Jun 26 j 03:54	13°♋38'48		
evening set	-1079 Jul 02 j 23:05	11°♋38'15		
min. Earth dist.	-1079 Jul 06 j 17:56	8°♋59'19	0.60514 AU	
inferior conj	-1079 Jul 10 j 01:13	6°♋14'35	-4°-32'-6	
minimum elong	-1079 Jul 10 j 03:37	6°♋09'35	4°31'54	
morning rise	-1079 Jul 17 j 11:18	1°♋30'11		
direct	-1079 Jul 19 j 22:14	1°♋06'56		
morning max el	-1079 Jul 27 j 04:46	4°♋40'14	18°08'18	
asc. node	-1079 Jul 29 j 09:26	7°♋03'31		
morning set	-1079 Aug 12 j 02:07	29°♋49'05		
	-1079 Aug 12 j 04:27	0°♌		
superior conj	-1079 Aug 21 j 21:33	17°♌54'44	1°35'32	
minimum elong	-1079 Aug 22 j 01:09	18°♌10'52	1°35'16	
	-1079 Aug 28 j 20:03	0°♍		
max. Earth dist.	-1079 Aug 29 j 12:23	1°♍08'55	1.41405 AU	
evening rise	-1079 Sep 03 j 22:02	10°♍03'30		
desc. node	-1079 Sep 07 j 19:04	16°♍13'56		
	-1079 Sep 16 j 20:11	0°♎		
greatest brilliancy	-1079 Oct 02 j 12:52	21°♎27'58	-0.3m	
evening max el	-1079 Oct 07 j 11:01	26°♎59'01	22°44'24	
	-1079 Oct 10 j 19:04	0°♏		
retrograde	-1079 Oct 17 j 08:22	2°♏51'32		
evening set	-1079 Oct 22 j 00:07	0°♏58'34		
	-1079 Oct 23 j 01:46	30°℞♎		
asc. node	-1079 Oct 25 j 08:38	27°♎20'57		
inferior conj	-1079 Oct 27 j 09:13	24°♎36'44	0°41'39	
minimum elong	-1079 Oct 27 j 08:16	24°♎40'04	0°41'14	
min. Earth dist.	-1079 Oct 27 j 05:10	24°♎50'43	0.67597 AU	
morning rise	-1079 Nov 01 j 16:22	18°♎23'10		
direct	-1079 Nov 06 j 02:09	16°♎37'40		
morning max el	-1079 Nov 15 j 05:41	22°♎01'41	21°56'26	
greatest brilliancy	-1079 Nov 20 j 00:40	27°♎27'09	-0.4m	
	-1079 Nov 22 j 01:07	0°♏		
desc. node	-1079 Dec 04 j 18:23	17°♏50'54		
	-1079 Dec 12 j 18:24	0°♐		
morning set	-1079 Dec 17 j 16:22	7°♐45'14		
max. Earth dist.	-1079 Dec 23 j 21:11	17°♐53'06	1.41365 AU	
	-1079 Dec 30 j 23:07	0°♑		
superior conj	-1079 Dec 31 j 13:39	1°♑03'58	-2°00'-4	
minimum elong	-1079 Dec 31 j 13:07	1°♑01'37	2°00'05	
evening rise	-1078 Jan 11 j 03:46	20°♑19'01		
	-1078 Jan 16 j 10:38	0°♒		
asc. node	-1078 Jan 21 j 07:58	8°♒17'41		
evening max el	-1078 Jan 27 j 11:26	16°♒18'47	18°13'07	
retrograde	-1078 Feb 03 j 10:42	19°♒48'58		
evening set	-1078 Feb 06 j 00:01	19°♒21'31		
inferior conj	-1078 Feb 12 j 23:14	14°♒33'23	3°44'34	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1078 Feb 13 j 01:12	14°♒28'59	3°44'22
min. Earth dist.	-1078 Feb 16 j 07:04	11°♒36'19	0.60128 AU
morning rise	-1078 Feb 19 j 23:11	8°♒53'04	
direct	-1078 Feb 26 j 14:33	6°♒49'50	
desc. node	-1078 Mar 02 j 17:33	7°♒34'29	
morning max el	-1078 Mar 12 j 20:43	14°♒35'09	27°23'52
	-1078 Mar 25 j 07:13	0°♓	
	-1078 Apr 11 j 10:58	0°♈	
morning set	-1078 Apr 13 j 06:07	3°♈40'51	
asc. node	-1078 Apr 19 j 07:18	16°♈36'45	
superior conj	-1078 Apr 20 j 10:48	19°♈07'16	0°12'07
minimum elong	-1078 Apr 20 j 10:15	19°♈04'17	0°12'00
behind sun begin	-1078 Apr 20 j 06:58	18°♈46'15	
behind sun end	-1078 Apr 20 j 13:33	19°♈22'18	
max. Earth dist.	-1078 Apr 19 j 18:53	17°♈40'05	1.32411 AU
	-1078 Apr 25 j 10:31	0°♉	
evening rise	-1078 Apr 27 j 09:43	4°♉11'29	
	-1078 May 11 j 05:39	0°♊	
evening max el	-1078 May 25 j 01:19	17°♊47'27	25°42'45
desc. node	-1078 May 29 j 16:45	21°♊37'25	
retrograde	-1078 Jun 08 j 02:52	25°♊00'13	
evening set	-1078 Jun 14 j 00:03	23°♊37'37	
min. Earth dist.	-1078 Jun 18 j 13:37	20°♊56'11	0.58460 AU
inferior conj	-1078 Jun 21 j 20:23	18°♊34'12	-4°-36'-21
minimum elong	-1078 Jun 21 j 19:04	18°♊36'35	4°36'18
morning rise	-1078 Jun 29 j 17:56	14°♊12'30	
direct	-1078 Jul 02 j 05:48	13°♊52'33	
morning max el	-1078 Jul 10 j 11:09	17°♊45'34	18°42'17
asc. node	-1078 Jul 16 j 06:30	24°♊56'13	
	-1078 Jul 19 j 09:43	0°♋	
morning set	-1078 Jul 26 j 19:02	13°♋45'19	
	-1078 Aug 04 j 04:40	0°♌	
superior conj	-1078 Aug 04 j 13:38	0°♌42'24	1°46'15
minimum elong	-1078 Aug 04 j 14:56	0°♌48'29	1°46'14
max. Earth dist.	-1078 Aug 11 j 15:53	13°♌39'47	1.39433 AU
evening rise	-1078 Aug 15 j 18:37	20°♌46'52	
	-1078 Aug 21 j 08:37	0°♍	
desc. node	-1078 Aug 25 j 16:05	6°♍47'51	
	-1078 Sep 10 j 22:39	0°♎	
evening max el	-1078 Sep 19 j 23:46	10°♎29'58	24°04'44
retrograde	-1078 Sep 30 j 23:51	16°♎58'14	
evening set	-1078 Oct 06 j 05:48	14°♎46'52	
min. Earth dist.	-1078 Oct 11 j 01:24	9°♎12'06	0.67457 AU
inferior conj	-1078 Oct 11 j 15:43	8°♎23'37	0°-12'-2
minimum elong	-1078 Oct 11 j 16:00	8°♎22'38	0°11'56
transit middle	-1078 Oct 11 j 16:00	8°♎22'38	0°11'56
transit begin	-1078 Oct 11 j 14:09	8°♎28'55	
transit end	-1078 Oct 11 j 17:51	8°♎16'21	
asc. node	-1078 Oct 12 j 05:40	7°♎36'31	
morning rise	-1078 Oct 17 j 02:26	2°♎14'46	
direct	-1078 Oct 20 j 22:46	0°♎50'30	
morning max el	-1078 Oct 29 j 01:07	5°♎33'15	20°38'43
greatest brilliancy	-1078 Nov 04 j 03:34	12°♎47'06	-0.5m
	-1078 Nov 16 j 05:19	0°♏	
desc. node	-1078 Nov 21 j 15:24	8°♏11'18	
morning set	-1078 Nov 26 j 17:40	16°♏02'01	
	-1078 Dec 05 j 13:39	0°♐	
max. Earth dist.	-1078 Dec 06 j 02:56	0°♐53'35	1.43141 AU
superior conj	-1078 Dec 12 j 14:26	11°♐32'17	-1°-50'-28
minimum elong	-1078 Dec 12 j 09:23	11°♐11'12	1°50'11
	-1078 Dec 23 j 08:08	0°♑	
evening rise	-1078 Dec 24 j 19:11	2°♑34'31	
asc. node	-1077 Jan 08 j 04:59	26°♑16'05	
evening max el	-1077 Jan 10 j 23:05	29°♑27'04	18°08'21
	-1077 Jan 11 j 12:45	0°♒	
retrograde	-1077 Jan 17 j 12:32	2°♒52'58	
evening set	-1077 Jan 20 j 05:47	2°♒16'58	
	-1077 Jan 23 j 16:32	30°℞♑	
inferior conj	-1077 Jan 26 j 16:37	27°♑07'36	3°53'51
minimum elong	-1077 Jan 26 j 16:16	27°♑08'29	3°53'49
min. Earth dist.	-1077 Jan 29 j 13:38	24°♑12'32	0.62168 AU
morning rise	-1077 Feb 02 j 00:31	21°♑13'13	
direct	-1077 Feb 09 j 00:29	18°♑39'45	
desc. node	-1077 Feb 17 j 14:36	21°♑53'09	
morning max el	-1077 Feb 23 j 00:52	26°♑29'58	27°45'57
	-1077 Feb 26 j 08:02	0°♒	
	-1077 Mar 18 j 20:03	0°♓	
morning set	-1077 Mar 28 j 09:41	18°♓10'27	
max. Earth dist.	-1077 Apr 03 j 04:44	0°♈20'04	1.32706 AU
	-1077 Apr 03 j 01:01	0°♈	
superior conj	-1077 Apr 04 j 20:52	3°♈57'00	0°-13'-48
minimum elong	-1077 Apr 04 j 21:31	4°♈00'30	0°13'40
behind sun begin	-1077 Apr 04 j 18:53	3°♈46'17	
behind sun end	-1077 Apr 05 j 00:08	4°♈14'44	
asc. node	-1077 Apr 06 j 04:20	6°♈48'02	
evening rise	-1077 Apr 11 j 21:21	19°♈06'57	
	-1077 Apr 17 j 06:02	0°♉	
evening max el	-1077 May 06 j 17:05	28°♉36'54	24°16'07
	-1077 May 08 j 05:23	0°♊	
desc. node	-1077 May 16 j 13:47	4°♊59'26	
retrograde	-1077 May 20 j 14:24	5°♊36'30	
evening set	-1077 May 25 j 02:59	4°♊50'48	
min. Earth dist.	-1077 May 31 j 04:36	1°♊50'50	0.56645 AU
inferior conj	-1077 Jun 02 j 19:31	0°♊11'47	-4°-5'-5
minimum elong	-1077 Jun 02 j 13:57	0°♊20'37	4°04'07
	-1077 Jun 03 j 02:58	30°℞♉	
morning rise	-1077 Jun 11 j 04:45	26°♉08'48	
direct	-1077 Jun 13 j 18:38	25°♉50'58	
	-1077 Jun 23 j 00:56	0°♊	
morning max el	-1077 Jun 23 j 08:43	0°♊17'47	19°37'06
asc. node	-1077 Jul 03 j 03:34	13°♊32'37	
morning set	-1077 Jul 10 j 20:12	28°♊07'29	
	-1077 Jul 11 j 18:36	0°♋	
superior conj	-1077 Jul 18 j 21:31	14°♋18'10	1°47'07
minimum elong	-1077 Jul 18 j 20:51	14°♋14'55	1°47'08
max. Earth dist.	-1077 Jul 24 j 18:50	25°♋37'08	1.37474 AU
	-1077 Jul 27 j 03:58	0°♌	
evening rise	-1077 Jul 28 j 15:50	2°♌41'30	
desc. node	-1077 Aug 12 j 13:06	27°♌08'46	
	-1077 Aug 14 j 11:03	0°♍	
evening max el	-1077 Sep 02 j 11:10	24°♍04'43	25°20'43
	-1077 Sep 10 j 08:13	0°♎	
retrograde	-1077 Sep 14 j 10:59	0°♎59'59	
	-1077 Sep 18 j 05:35	30°℞♍	
evening set	-1077 Sep 20 j 07:50	28°♍31'47	
min. Earth dist.	-1077 Sep 24 j 18:58	23°♍32'38	0.67003 AU
inferior conj	-1077 Sep 25 j 20:01	22°♍11'14	-1°-7'-12
minimum elong	-1077 Sep 25 j 21:41	22°♍05'49	1°06'31
asc. node	-1077 Sep 29 j 02:43	18°♍13'24	
morning rise	-1077 Oct 01 j 12:06	16°♍10'10	
direct	-1077 Oct 04 j 21:02	15°♍04'18	
morning max el	-1077 Oct 12 j 04:05	19°♍13'58	19°33'44
	-1077 Oct 20 j 15:35	0°♎	
greatest brilliancy	-1077 Oct 20 j 20:48	0°♎18'44	-0.7m
morning set	-1077 Nov 05 j 16:33	24°♎19'56	
desc. node	-1077 Nov 08 j 12:26	28°♎43'40	
	-1077 Nov 09 j 08:02	0°♏	
max. Earth dist.	-1077 Nov 18 j 15:55	14°♏38'53	1.44387 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1077 Nov 22 j 12:14	20°♏46'46	-1°-23'-5
minimum elong	-1077 Nov 22 j 04:16	20°♏14'49	1°22'19
	-1077 Nov 28 j 05:01	0°♐	
evening rise	-1077 Dec 06 j 14:50	13°♐56'21	
	-1077 Dec 16 j 06:18	0°♑	
evening max el	-1077 Dec 25 j 11:39	12°♑46'43	18°22'32
asc. node	-1077 Dec 26 j 02:00	13°♑21'55	
retrograde	-1076 Jan 01 j 00:21	16°♑20'27	
evening set	-1076 Jan 03 j 22:06	15°♑34'42	
inferior conj	-1076 Jan 09 j 23:32	10°♑05'33	3°43'00
minimum elong	-1076 Jan 09 j 21:34	10°♑11'09	3°42'44
min. Earth dist.	-1076 Jan 12 j 05:42	7°♑32'01	0.63966 AU
morning rise	-1076 Jan 15 j 19:33	4°♑01'58	
direct	-1076 Jan 22 j 18:04	1°♑12'56	
desc. node	-1076 Feb 04 j 11:39	8°♑08'48	
morning max el	-1076 Feb 05 j 09:02	9°♑00'57	27°31'47
	-1076 Feb 21 j 18:15	0°♒	
	-1076 Mar 10 j 02:31	0°♓	
morning set	-1076 Mar 11 j 05:55	2°♓14'25	
max. Earth dist.	-1076 Mar 16 j 07:51	12°♓34'57	1.33407 AU
superior conj	-1076 Mar 19 j 03:36	18°♓32'40	0°-40'-10
minimum elong	-1076 Mar 19 j 05:29	18°♓42'44	0°39'47
asc. node	-1076 Mar 23 j 01:23	26°♓55'04	
	-1076 Mar 24 j 11:58	0°♈	
evening rise	-1076 Mar 26 j 08:53	3°♈57'49	
	-1076 Apr 09 j 17:17	0°♉	
evening max el	-1076 Apr 17 j 09:04	9°♉14'18	22°41'04
retrograde	-1076 Apr 30 j 12:51	15°♉43'33	
desc. node	-1076 May 02 j 10:49	15°♉35'24	
evening set	-1076 May 03 j 17:12	15°♉21'23	
min. Earth dist.	-1076 May 11 j 17:44	11°♉51'10	0.55419 AU
inferior conj	-1076 May 13 j 00:09	11°♉07'41	-2°-49'-49
minimum elong	-1076 May 12 j 17:26	11°♉17'19	2°47'52
morning rise	-1076 May 21 j 20:10	7°♉13'16	
direct	-1076 May 24 j 14:13	6°♉55'38	
morning max el	-1076 Jun 04 j 19:28	12°♉09'00	20°52'12
	-1076 Jun 17 j 13:38	0°♊	
asc. node	-1076 Jun 19 j 00:39	2°♊42'12	
morning set	-1076 Jun 24 j 03:00	12°♊48'25	
superior conj	-1076 Jul 01 j 16:36	28°♊28'55	1°40'21
minimum elong	-1076 Jul 01 j 14:41	28°♊19'05	1°40'14
	-1076 Jul 02 j 10:24	0°♋	
max. Earth dist.	-1076 Jul 06 j 03:30	7°♋26'54	1.35737 AU
evening rise	-1076 Jul 10 j 09:20	15°♋36'14	
	-1076 Jul 18 j 11:26	0°♌	
desc. node	-1076 Jul 29 j 10:07	17°♌10'28	
	-1076 Aug 07 j 23:51	0°♍	
evening max el	-1076 Aug 14 j 22:48	7°♍39'54	26°24'26
retrograde	-1076 Aug 27 j 17:07	14°♍51'36	
evening set	-1076 Sep 03 j 04:12	12°♍10'48	
min. Earth dist.	-1076 Sep 07 j 07:26	7°♍49'22	0.66212 AU
inferior conj	-1076 Sep 08 j 20:16	5°♍56'51	-2°-2'-6
minimum elong	-1076 Sep 08 j 23:17	5°♍47'39	2°00'57
morning rise	-1076 Sep 14 j 19:20	0°♍06'53	
asc. node	-1076 Sep 14 j 23:48	0°♍00'47	
	-1076 Sep 15 j 00:24	30°℞♌	
direct	-1076 Sep 17 j 19:10	29°♌15'59	
	-1076 Sep 20 j 15:42	0°♍	
morning max el	-1076 Sep 24 j 13:38	3°♍01'58	18°43'59
	-1076 Oct 13 j 03:47	0°♎	
morning set	-1076 Oct 15 j 11:39	3°♎42'21	
desc. node	-1076 Oct 25 j 09:27	19°♎23'55	
superior conj	-1076 Oct 31 j 14:42	29°♎11'16	0°-39'-41
minimum elong	-1076 Oct 31 j 09:33	28°♎51'02	0°39'02
max. Earth dist.	-1076 Oct 31 j 09:44	28°♎51'43	1.44955 AU
	-1076 Nov 01 j 03:05	0°♏	
evening rise	-1076 Nov 16 j 11:04	24°♏18'36	
	-1076 Nov 20 j 00:14	0°♐	
evening max el	-1076 Dec 07 j 22:31	26°♐11'24	18°54'34
asc. node	-1076 Dec 11 j 23:04	29°♐20'23	
	-1076 Dec 13 j 23:54	0°♑	
retrograde	-1076 Dec 14 j 18:19	0°♑03'20	
	-1076 Dec 15 j 12:35	30°℞♐	
evening set	-1076 Dec 17 j 21:47	29°♐06'26	
inferior conj	-1076 Dec 23 j 16:19	23°♐19'49	3°17'52
minimum elong	-1076 Dec 23 j 13:33	23°♐28'22	3°17'15
min. Earth dist.	-1076 Dec 25 j 07:17	21°♐19'21	0.65411 AU
morning rise	-1076 Dec 29 j 04:22	17°♐09'51	
direct	-1075 Jan 04 j 18:05	14°♐20'05	
morning max el	-1075 Jan 17 j 18:43	21°♐56'42	26°45'53
desc. node	-1075 Jan 21 j 08:42	25°♐47'41	
	-1075 Jan 24 j 20:49	0°♑	
	-1075 Feb 13 j 23:09	0°♒	
morning set	-1075 Feb 22 j 15:21	15°♒40'53	
max. Earth dist.	-1075 Feb 27 j 00:38	24°♒15'18	1.34543 AU
	-1075 Mar 01 j 20:36	0°♓	
superior conj	-1075 Mar 03 j 04:47	2°♓46'09	-1°-5'-49
minimum elong	-1075 Mar 03 j 07:46	3°♓01'40	1°05'19
asc. node	-1075 Mar 09 j 22:25	16°♓52'43	
evening rise	-1075 Mar 10 j 18:23	18°♓36'30	
	-1075 Mar 16 j 11:39	0°♈	
evening max el	-1075 Mar 30 j 07:39	20°♈06'52	21°11'33
retrograde	-1075 Apr 11 j 02:42	25°♈49'09	
evening set	-1075 Apr 13 j 11:26	25°♈36'12	
desc. node	-1075 Apr 19 j 07:52	23°♈29'51	
inferior conj	-1075 Apr 22 j 18:54	21°♈37'11	0°-58'-54
minimum elong	-1075 Apr 22 j 16:07	21°♈41'07	0°57'56
min. Earth dist.	-1075 Apr 23 j 06:51	21°♈20'21	0.55044 AU
morning rise	-1075 May 01 j 20:36	17°♈34'09	
direct	-1075 May 05 j 01:00	17°♈12'11	
morning max el	-1075 May 17 j 19:35	23°♈18'05	22°24'08
	-1075 May 23 j 17:53	0°♉	
asc. node	-1075 Jun 05 j 21:43	22°♉16'01	
morning set	-1075 Jun 08 j 13:14	27°♉41'25	
	-1075 Jun 09 j 15:42	0°♊	
superior conj	-1075 Jun 15 j 19:22	13°♊03'48	1°27'43
minimum elong	-1075 Jun 15 j 16:53	12°♊50'39	1°27'26
max. Earth dist.	-1075 Jun 18 j 21:19	19°♊30'15	1.34338 AU
evening rise	-1075 Jun 23 j 18:02	29°♊16'52	
	-1075 Jun 24 j 02:54	0°♋	
	-1075 Jul 11 j 14:17	0°♌	
desc. node	-1075 Jul 16 j 07:09	6°♌44'34	
evening max el	-1075 Jul 28 j 10:34	21°♌06'52	27°08'15
retrograde	-1075 Aug 10 j 17:57	28°♌26'18	
evening set	-1075 Aug 17 j 16:30	25°♌40'35	
min. Earth dist.	-1075 Aug 21 j 12:28	21°♌57'02	0.65052 AU
inferior conj	-1075 Aug 23 j 14:19	19°♌36'48	-2°-54'-35
minimum elong	-1075 Aug 23 j 18:24	19°♌25'17	2°53'15
morning rise	-1075 Aug 29 j 21:49	14°♌01'18	
direct	-1075 Sep 01 j 14:54	13°♌21'51	
asc. node	-1075 Sep 01 j 20:53	13°♌22'12	
morning max el	-1075 Sep 08 j 03:35	16°♌53'16	18°10'50
	-1075 Sep 17 j 16:07	0°♍	
morning set	-1075 Sep 26 j 11:11	14°♍29'01	
	-1075 Oct 05 j 22:14	0°♎	
superior conj	-1075 Oct 10 j 18:20	7°♎45'34	0°09'50
minimum elong	-1075 Oct 10 j 19:34	7°♎50'26	0°09'41
behind sun begin	-1075 Oct 10 j 10:44	7°♎15'16	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

behind sun end	-1075 Oct 11 j 04:24	8°♎25'35	
desc. node	-1075 Oct 12 j 06:29	10°♎09'09	
max. Earth dist.	-1075 Oct 14 j 04:37	13°♎11'42	1.44783 AU
	-1075 Oct 24 j 22:18	0°♏	
evening rise	-1075 Oct 27 j 08:20	3°♏45'29	
greatest brilliancy	-1075 Nov 13 j 07:40	29°♏34'06	-0.6m
	-1075 Nov 13 j 14:55	0°♐	
evening max el	-1075 Nov 21 j 05:31	9°♐38'23	19°42'57
retrograde	-1075 Nov 28 j 15:19	13°♐57'19	
asc. node	-1075 Nov 28 j 20:07	13°♐57'05	
evening set	-1075 Dec 02 j 02:14	12°♐47'26	
inferior conj	-1075 Dec 07 j 16:00	6°♐46'27	2°42'30
minimum elong	-1075 Dec 07 j 13:08	6°♐55'51	2°41'38
min. Earth dist.	-1075 Dec 08 j 17:10	5°♐23'42	0.66477 AU
morning rise	-1075 Dec 12 j 23:22	0°♐32'18	
	-1075 Dec 13 j 14:37	30°℞♏	
direct	-1075 Dec 18 j 23:57	27°♏53'22	
	-1075 Dec 25 j 01:57	0°♐	
morning max el	-1075 Dec 31 j 03:55	5°♐06'12	25°36'11
desc. node	-1074 Jan 08 j 05:44	14°♐25'52	
	-1074 Jan 19 j 08:47	0°♑	
morning set	-1074 Feb 05 j 09:28	28°♑16'49	
	-1074 Feb 06 j 08:00	0°♒	
max. Earth dist.	-1074 Feb 09 j 05:38	5°♒25'29	1.36125 AU
superior conj	-1074 Feb 14 j 21:47	16°♒29'56	-1°-29'-7
minimum elong	-1074 Feb 15 j 01:25	16°♒48'07	1°28'41
	-1074 Feb 21 j 13:08	0°♓	
evening rise	-1074 Feb 22 j 23:50	2°♓56'42	
asc. node	-1074 Feb 24 j 19:27	6°♓36'20	
	-1074 Mar 11 j 04:33	0°♈	
evening max el	-1074 Mar 12 j 16:55	1°♈33'25	19°56'46
retrograde	-1074 Mar 22 j 19:16	6°♈23'20	
evening set	-1074 Mar 24 j 23:00	6°♈11'06	
inferior conj	-1074 Apr 02 j 18:02	2°♈10'25	0°57'55
minimum elong	-1074 Apr 02 j 20:31	2°♈06'38	0°57'04
min. Earth dist.	-1074 Apr 04 j 21:01	0°♈52'43	0.55616 AU
desc. node	-1074 Apr 06 j 04:55	0°♈06'03	
	-1074 Apr 06 j 09:12	30°℞♓	
morning rise	-1074 Apr 11 j 15:01	27°♓40'49	
direct	-1074 Apr 15 j 16:19	27°♓04'34	
	-1074 Apr 24 j 13:44	0°♈	
morning max el	-1074 Apr 29 j 12:20	3°♈57'03	24°04'26
	-1074 May 17 j 16:54	0°♉	
asc. node	-1074 May 23 j 18:46	12°♉07'15	
morning set	-1074 May 24 j 01:05	12°♉40'27	
superior conj	-1074 May 31 j 03:09	27°♉54'07	1°10'32
minimum elong	-1074 May 31 j 00:41	27°♉40'46	1°10'08
	-1074 Jun 01 j 02:32	0°♊	
max. Earth dist.	-1074 Jun 02 j 00:12	1°♊56'07	1.33323 AU
evening rise	-1074 Jun 07 j 13:39	13°♊30'47	
	-1074 Jun 16 j 06:40	0°♋	
desc. node	-1074 Jul 03 j 04:12	25°♋38'50	
	-1074 Jul 06 j 19:46	0°♌	
evening max el	-1074 Jul 10 j 20:59	4°♌13'24	27°25'18
retrograde	-1074 Jul 24 j 13:06	11°♌34'20	
evening set	-1074 Jul 31 j 17:29	8°♌55'17	
min. Earth dist.	-1074 Aug 04 j 08:14	5°♌45'29	0.63522 AU
inferior conj	-1074 Aug 06 j 23:30	3°♌04'44	-3°-41'-35
minimum elong	-1074 Aug 07 j 04:00	2°♌53'15	3°40'28
	-1074 Aug 10 j 05:13	30°℞♋	
morning rise	-1074 Aug 13 j 16:40	27°♋46'51	
direct	-1074 Aug 16 j 05:25	27°♋15'42	
asc. node	-1074 Aug 19 j 17:57	28°♋16'39	
	-1074 Aug 22 j 01:50	0°♌	
morning max el	-1074 Aug 22 j 19:10	0°♌41'03	17°55'07
morning set	-1074 Sep 08 j 12:06	26°♌28'13	
	-1074 Sep 10 j 12:49	0°♍	
superior conj	-1074 Sep 20 j 18:42	17°♍23'07	0°53'13
minimum elong	-1074 Sep 20 j 23:39	17°♍43'31	0°52'35
max. Earth dist.	-1074 Sep 26 j 20:59	27°♍18'11	1.43905 AU
	-1074 Sep 28 j 13:31	0°♎	
desc. node	-1074 Sep 29 j 03:31	0°♎55'38	
evening rise	-1074 Oct 06 j 15:24	12°♎39'08	
	-1074 Oct 18 j 02:03	0°♏	
greatest brilliancy	-1074 Oct 29 j 12:19	16°♏13'16	-0.5m
evening max el	-1074 Nov 04 j 07:06	23°♏05'39	20°45'33
retrograde	-1074 Nov 12 j 12:53	27°♏58'17	
asc. node	-1074 Nov 15 j 17:09	27°♏00'39	
evening set	-1074 Nov 16 j 09:18	26°♏33'19	
inferior conj	-1074 Nov 21 j 20:04	20°♏21'27	1°59'39
minimum elong	-1074 Nov 21 j 17:39	20°♏29'43	1°58'46
min. Earth dist.	-1074 Nov 22 j 09:03	19°♏37'07	0.67180 AU
morning rise	-1074 Nov 27 j 01:32	14°♏05'27	
direct	-1074 Dec 02 j 11:07	11°♏44'50	
morning max el	-1074 Dec 13 j 12:24	18°♏20'35	24°12'31
	-1074 Dec 23 j 07:54	0°♐	
desc. node	-1074 Dec 26 j 02:47	3°♐45'49	
	-1073 Jan 12 j 11:16	0°♑	
morning set	-1073 Jan 18 j 06:20	9°♑45'48	
max. Earth dist.	-1073 Jan 22 j 01:50	16°♑29'14	1.38075 AU
superior conj	-1073 Jan 29 j 03:07	29°♑34'41	-1°-47'-50
minimum elong	-1073 Jan 29 j 06:27	29°♑50'37	1°47'36
	-1073 Jan 29 j 08:24	0°♒	
evening rise	-1073 Feb 06 j 22:51	16°♒51'36	
asc. node	-1073 Feb 11 j 16:29	26°♒00'22	
	-1073 Feb 13 j 21:04	0°♓	
evening max el	-1073 Feb 23 j 12:56	13°♓37'36	19°00'51
retrograde	-1073 Mar 04 j 01:39	17°♓43'50	
evening set	-1073 Mar 06 j 08:20	17°♓27'29	
inferior conj	-1073 Mar 14 j 09:29	13°♓12'38	2°30'26
minimum elong	-1073 Mar 14 j 14:01	13°♓04'39	2°29'14
min. Earth dist.	-1073 Mar 17 j 12:55	11°♓01'06	0.57010 AU
morning rise	-1073 Mar 22 j 15:34	8°♓10'44	
desc. node	-1073 Mar 24 j 01:56	7°♓40'28	
direct	-1073 Mar 27 j 20:42	7°♓06'12	
morning max el	-1073 Apr 11 j 03:15	14°♓29'33	25°39'44
	-1073 Apr 23 j 10:54	0°♈	
morning set	-1073 May 08 j 12:57	27°♈39'56	
	-1073 May 09 j 15:25	0°♉	
asc. node	-1073 May 10 j 15:48	2°♉10'27	
superior conj	-1073 May 15 j 13:50	12°♉52'49	0°49'50
minimum elong	-1073 May 15 j 11:50	12°♉41'55	0°49'28
max. Earth dist.	-1073 May 16 j 09:47	14°♉41'47	1.32684 AU
evening rise	-1073 May 22 j 16:52	28°♉07'40	
	-1073 May 23 j 14:46	0°♊	
	-1073 Jun 09 j 13:47	0°♋	
desc. node	-1073 Jun 20 j 01:13	13°♋36'40	
evening max el	-1073 Jun 23 j 03:54	16°♋47'58	27°10'45
retrograde	-1073 Jul 07 j 01:35	24°♋06'43	
evening set	-1073 Jul 14 j 03:13	21°♋48'28	
min. Earth dist.	-1073 Jul 17 j 17:57	19°♋02'20	0.61675 AU
inferior conj	-1073 Jul 20 j 20:46	16°♋13'58	-4°-18'-21
minimum elong	-1073 Jul 21 j 00:27	16°♋05'39	4°17'48
morning rise	-1073 Jul 28 j 00:28	11°♋16'30	
direct	-1073 Jul 30 j 11:20	10°♋50'59	
morning max el	-1073 Aug 06 j 09:28	14°♋18'51	17°57'49
asc. node	-1073 Aug 06 j 15:00	14°♋32'31	
	-1073 Aug 17 j 03:36	0°♌	
morning set	-1073 Aug 22 j 08:34	9°♌23'50	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1073 Sep 01 j 22:34	28°♌22'04	1°23'56
minimum elong	-1073 Sep 02 j 03:17	28°♌42'33	1°23'28
	-1073 Sep 02 j 21:11	0°♍	
max. Earth dist.	-1073 Sep 09 j 08:34	10°♍55'16	1.42447 AU
evening rise	-1073 Sep 16 j 02:02	21°♍46'06	
desc. node	-1073 Sep 16 j 00:33	21°♍40'14	
	-1073 Sep 21 j 09:09	0°♎	
	-1073 Oct 12 j 10:10	0°♏	
greatest brilliancy	-1073 Oct 13 j 08:37	1°♏09'47	-0.4m
evening max el	-1073 Oct 18 j 02:54	6°♏33'39	21°59'04
retrograde	-1073 Oct 27 j 09:03	12°♏03'52	
evening set	-1073 Oct 31 j 17:10	10°♏21'42	
asc. node	-1073 Nov 02 j 14:11	8°♏34'01	
inferior conj	-1073 Nov 06 j 02:29	4°♏02'37	1°11'20
minimum elong	-1073 Nov 06 j 00:55	4°♏08'06	1°10'40
min. Earth dist.	-1073 Nov 06 j 04:32	3°♏55'34	0.67543 AU
	-1073 Nov 09 j 04:21	30°℞♎	
morning rise	-1073 Nov 11 j 08:25	27°♎47'21	
direct	-1073 Nov 16 j 02:44	25°♎48'37	
	-1073 Nov 24 j 05:19	0°♏	
morning max el	-1073 Nov 25 j 22:28	1°♏38'46	22°44'58
greatest brilliancy	-1073 Nov 30 j 14:52	6°♏53'33	-0.3m
desc. node	-1073 Dec 12 j 23:49	23°♏35'45	
	-1073 Dec 17 j 08:01	0°♐	
morning set	-1073 Dec 29 j 23:53	19°♐52'57	
max. Earth dist.	-1072 Jan 03 j 21:24	28°♐05'18	1.40193 AU
	-1072 Jan 05 j 00:08	0°♑	
superior conj	-1072 Jan 11 j 16:19	11°♑49'12	-1°-58'-49
minimum elong	-1072 Jan 11 j 17:46	11°♑55'47	1°58'49
	-1072 Jan 21 j 09:31	0°♒	
evening rise	-1072 Jan 21 j 12:31	0°♒14'15	
asc. node	-1072 Jan 29 j 13:30	14°♒58'02	
evening max el	-1072 Feb 06 j 17:22	26°♒13'17	18°24'49
retrograde	-1072 Feb 14 j 02:44	29°♒51'44	
evening set	-1072 Feb 16 j 13:55	29°♒28'36	
inferior conj	-1072 Feb 23 j 21:43	24°♒53'06	3°27'09
minimum elong	-1072 Feb 24 j 01:03	24°♒46'16	3°26'36
min. Earth dist.	-1072 Feb 27 j 08:03	22°♒05'49	0.58931 AU
morning rise	-1072 Mar 02 j 08:31	19°♒24'42	
direct	-1072 Mar 08 j 14:17	17°♒42'45	
desc. node	-1072 Mar 09 j 22:59	17°♒47'33	
morning max el	-1072 Mar 22 j 21:40	25°♒21'58	26°54'48
	-1072 Mar 27 j 04:55	0°♓	
	-1072 Apr 15 j 15:57	0°♈	
morning set	-1072 Apr 21 j 23:04	12°♈32'47	
asc. node	-1072 Apr 26 j 12:50	22°♈19'55	
superior conj	-1072 Apr 29 j 01:33	27°♈52'16	0°26'28
minimum elong	-1072 Apr 29 j 00:24	27°♈45'57	0°26'14
max. Earth dist.	-1072 Apr 28 j 22:33	27°♈35'48	1.32408 AU
	-1072 Apr 30 j 00:49	0°♉	
evening rise	-1072 May 06 j 00:59	12°♉57'22	
	-1072 May 14 j 17:55	0°♊	
evening max el	-1072 Jun 04 j 04:57	28°♊39'41	26°23'23
desc. node	-1072 Jun 05 j 22:14	0°♋13'25	
	-1072 Jun 05 j 16:03	0°♋	
retrograde	-1072 Jun 18 j 05:45	5°♋54'37	
evening set	-1072 Jun 24 j 17:04	4°♋09'52	
min. Earth dist.	-1072 Jun 28 j 18:04	1°♋31'52	0.59636 AU
	-1072 Jun 30 j 17:25	30°℞♊	
inferior conj	-1072 Jul 02 j 02:28	28°♊54'26	-4°-37'-29
minimum elong	-1072 Jul 02 j 03:30	28°♊52'24	4°37'27
morning rise	-1072 Jul 09 j 17:19	24°♊19'24	
direct	-1072 Jul 12 j 04:32	23°♊57'38	
morning max el	-1072 Jul 19 j 19:30	27°♊37'57	18°20'08
	-1072 Jul 22 j 00:15	0°♋	

asc. node	-1072 Jul 23 j 12:03	1°♋53'45	
morning set	-1072 Aug 04 j 19:15	23°♋01'13	
	-1072 Aug 08 j 11:13	0°♌	
superior conj	-1072 Aug 14 j 03:02	10°♌34'13	1°41'25
minimum elong	-1072 Aug 14 j 05:39	10°♌46'15	1°41'17
max. Earth dist.	-1072 Aug 21 j 15:02	23°♌52'47	1.40593 AU
	-1072 Aug 25 j 05:59	0°♍	
evening rise	-1072 Aug 26 j 08:11	1°♍48'26	
desc. node	-1072 Sep 01 j 21:34	12°♍19'15	
	-1072 Sep 13 j 18:32	0°♎	
evening max el	-1072 Sep 29 j 17:47	20°♎03'37	23°18'39
retrograde	-1072 Oct 10 j 02:28	26°♎11'19	
evening set	-1072 Oct 15 j 00:09	24°♎10'35	
asc. node	-1072 Oct 19 j 11:13	19°♎03'59	
inferior conj	-1072 Oct 20 j 09:28	17°♎47'56	0°19'10
minimum elong	-1072 Oct 20 j 09:00	17°♎49'29	0°18'57
min. Earth dist.	-1072 Oct 20 j 01:06	18°♎16'37	0.67583 AU
morning rise	-1072 Oct 25 j 17:54	11°♎36'07	
direct	-1072 Oct 29 j 21:52	9°♎59'44	
morning max el	-1072 Nov 07 j 13:48	15°♎04'46	21°21'59
greatest brilliancy	-1072 Nov 12 j 18:53	21°♎04'35	-0.4m
	-1072 Nov 19 j 10:16	0°♏	
desc. node	-1072 Nov 28 j 20:51	13°♏47'07	
morning set	-1072 Dec 08 j 13:02	28°♏40'19	
	-1072 Dec 09 j 09:13	0°♐	
max. Earth dist.	-1072 Dec 15 j 23:26	10°♐37'49	1.42177 AU
superior conj	-1072 Dec 23 j 07:57	23°♐00'09	-1°-58'00
minimum elong	-1072 Dec 23 j 05:35	22°♐49'58	1°57'58
	-1072 Dec 27 j 08:13	0°♑	
evening rise	-1071 Jan 03 j 13:18	12°♑57'10	
	-1071 Jan 13 j 06:16	0°♒	
asc. node	-1071 Jan 15 j 10:32	3°♒21'14	
evening max el	-1071 Jan 20 j 03:15	9°♒12'12	18°08'43
retrograde	-1071 Jan 26 j 20:58	12°♒38'48	
evening set	-1071 Jan 29 j 12:04	12°♒07'40	
inferior conj	-1071 Feb 05 j 05:34	7°♒10'07	3°51'26
minimum elong	-1071 Feb 05 j 06:30	7°♒07'55	3°51'22
min. Earth dist.	-1071 Feb 08 j 09:30	4°♒11'25	0.61015 AU
morning rise	-1071 Feb 11 j 22:14	1°♒23'17	
	-1071 Feb 14 j 11:29	30°℞♑	
direct	-1071 Feb 18 j 18:37	29°♑05'59	
	-1071 Feb 23 j 06:15	0°♒	
desc. node	-1071 Feb 24 j 20:01	0°♒42'25	
morning max el	-1071 Mar 04 j 22:30	6°♒53'11	27°37'54
	-1071 Mar 22 j 10:14	0°♓	
morning set	-1071 Apr 06 j 05:38	27°♓12'49	
	-1071 Apr 07 j 13:52	0°♈	
max. Earth dist.	-1071 Apr 12 j 10:47	10°♈25'34	1.32494 AU
asc. node	-1071 Apr 13 j 09:52	12°♈31'30	
superior conj	-1071 Apr 13 j 12:41	12°♈46'54	0°01'15
minimum elong	-1071 Apr 13 j 12:38	12°♈46'34	0°01'15
behind sun begin	-1071 Apr 13 j 07:35	12°♈19'00	
behind sun end	-1071 Apr 13 j 17:40	13°♈14'08	
evening rise	-1071 Apr 20 j 11:53	27°♈52'34	
	-1071 Apr 21 j 12:11	0°♉	
	-1071 May 08 j 15:14	0°♊	
evening max el	-1071 May 16 j 23:17	9°♊47'22	25°07'51
desc. node	-1071 May 23 j 19:15	14°♊56'59	
retrograde	-1071 May 30 j 23:41	16°♊55'26	
evening set	-1071 Jun 05 j 08:07	15°♊49'22	
min. Earth dist.	-1071 Jun 10 j 11:00	13°♊01'58	0.57643 AU
inferior conj	-1071 Jun 13 j 13:11	10°♊56'16	-4°-28'-9
minimum elong	-1071 Jun 13 j 09:58	11°♊01'47	4°27'51
morning rise	-1071 Jun 21 j 15:42	6°♊43'19	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

direct	-1071 Jun 24 j 04:32	6°♊24'14		
morning max el	-1071 Jul 02 j 22:20	10°♊29'29	19°03'04	
asc. node	-1071 Jul 10 j 09:07	20°♊06'01		
	-1071 Jul 15 j 23:31	0°♋		
morning set	-1071 Jul 19 j 16:02	7°♋09'23		
superior conj	-1071 Jul 28 j 02:27	23°♋44'00	1°47'41	
minimum elong	-1071 Jul 28 j 02:50	23°♋45'52	1°47'42	
	-1071 Jul 31 j 09:45	0°♌		
max. Earth dist.	-1071 Aug 03 j 18:06	6°♌09'00	1.38588 AU	
evening rise	-1071 Aug 07 j 15:33	13°♌02'26		
	-1071 Aug 17 j 23:01	0°♍		
desc. node	-1071 Aug 19 j 18:35	2°♍48'20		
	-1071 Sep 08 j 20:05	0°♎		
evening max el	-1071 Sep 12 j 05:40	3°♎36'16	24°37'59	
retrograde	-1071 Sep 23 j 16:04	10°♎16'47		
evening set	-1071 Sep 29 j 04:31	7°♎57'41		
min. Earth dist.	-1071 Oct 03 j 20:23	2°♎38'06	0.67310 AU	
inferior conj	-1071 Oct 04 j 15:14	1°♎35'15	0°-35'-22	
minimum elong	-1071 Oct 04 j 16:06	1°♎32'22	0°35'01	
	-1071 Oct 05 j 20:10	30°℞♍		
asc. node	-1071 Oct 06 j 08:18	29°♍21'21		
morning rise	-1071 Oct 10 j 04:04	25°♍29'37		
direct	-1071 Oct 13 j 19:18	24°♍13'39		
morning max el	-1071 Oct 21 j 12:34	28°♍40'46	20°09'21	
	-1071 Oct 22 j 18:27	0°♎		
greatest brilliancy	-1071 Oct 28 j 11:55	7°♎09'57	-0.6m	
	-1071 Nov 12 j 23:54	0°♏		
desc. node	-1071 Nov 15 j 17:52	4°♏13'10		
morning set	-1071 Nov 17 j 10:11	6°♏48'43		
max. Earth dist.	-1071 Nov 28 j 09:02	24°♏01'24	1.43751 AU	
	-1071 Dec 02 j 01:58	0°♐		
superior conj	-1071 Dec 03 j 21:04	2°♐55'50	-1°-41'-5	
minimum elong	-1071 Dec 03 j 14:17	2°♐28'04	1°40'35	
evening rise	-1071 Dec 16 j 20:52	24°♐51'00		
	-1071 Dec 19 j 20:23	0°♑		
asc. node	-1070 Jan 02 j 07:35	20°♑58'46		
evening max el	-1070 Jan 03 j 15:34	22°♑25'32	18°12'03	
retrograde	-1070 Jan 10 j 03:44	25°♑53'42		
evening set	-1070 Jan 12 j 22:45	25°♑13'42		
inferior conj	-1070 Jan 19 j 05:13	19°♑55'22	3°51'17	
minimum elong	-1070 Jan 19 j 04:05	19°♑58'26	3°51'12	
min. Earth dist.	-1070 Jan 21 j 20:00	17°♑07'44	0.62970 AU	
morning rise	-1070 Jan 25 j 07:32	13°♑56'24		
direct	-1070 Feb 01 j 07:45	11°♑14'44		
desc. node	-1070 Feb 11 j 17:03	15°♑55'04		
morning max el	-1070 Feb 15 j 04:55	19°♑05'01	27°44'14	
	-1070 Feb 24 j 12:01	0°♒		
	-1070 Mar 15 j 07:00	0°♓		
morning set	-1070 Mar 21 j 06:26	11°♓32'22		
max. Earth dist.	-1070 Mar 26 j 18:22	22°♓56'32	1.32954 AU	
superior conj	-1070 Mar 28 j 21:32	27°♓30'46	0°-25'00	
minimum elong	-1070 Mar 28 j 22:43	27°♓37'07	0°24'46	
	-1070 Mar 30 j 01:09	0°♈		
asc. node	-1070 Mar 31 j 06:56	2°♈41'14		
evening rise	-1070 Apr 04 j 23:41	12°♈46'23		
	-1070 Apr 13 j 18:42	0°♉		
evening max el	-1070 Apr 28 j 14:02	20°♉26'51	23°35'45	
desc. node	-1070 May 10 j 16:16	27°♉11'05		
retrograde	-1070 May 12 j 05:46	27°♉16'39		
evening set	-1070 May 16 j 03:56	26°♉42'42		
min. Earth dist.	-1070 May 23 j 00:40	23°♉31'21	0.56026 AU	
inferior conj	-1070 May 25 j 03:49	22°♉14'38	-3°-38'-35	
minimum elong	-1070 May 24 j 21:09	22°♉24'41	3°37'04	
morning rise	-1070 Jun 02 j 17:58	18°♉17'28		

direct	-1070 Jun 05 j 09:09	18°♉00'09		
morning max el	-1070 Jun 15 j 15:31	22°♉45'03	20°06'52	
	-1070 Jun 21 j 18:06	0°♊		
asc. node	-1070 Jun 27 j 06:12	8°♊57'33		
morning set	-1070 Jul 03 j 19:54	21°♊40'28		
	-1070 Jul 07 j 21:41	0°♋		
superior conj	-1070 Jul 11 j 15:37	7°♋36'35	1°45'05	
minimum elong	-1070 Jul 11 j 14:21	7°♋30'09	1°45'03	
max. Earth dist.	-1070 Jul 16 j 22:39	17°♋59'22	1.36688 AU	
evening rise	-1070 Jul 20 j 22:00	25°♋24'20		
	-1070 Jul 23 j 11:23	0°♌		
desc. node	-1070 Aug 06 j 15:37	23°♌02'24		
	-1070 Aug 11 j 11:44	0°♍		
evening max el	-1070 Aug 25 j 16:52	17°♍11'41	25°49'42	
retrograde	-1070 Sep 07 j 01:19	24°♍15'55		
evening set	-1070 Sep 13 j 04:28	21°♍41'21		
min. Earth dist.	-1070 Sep 17 j 12:03	16°♍58'14	0.66708 AU	
inferior conj	-1070 Sep 18 j 18:05	15°♍22'57	-1°-30'-38	
minimum elong	-1070 Sep 18 j 20:20	15°♍15'48	1°29'43	
asc. node	-1070 Sep 23 j 05:21	10°♍24'08		
morning rise	-1070 Sep 24 j 12:58	9°♍26'25		
direct	-1070 Sep 27 j 17:39	8°♍27'32		
morning max el	-1070 Oct 04 j 18:41	12°♍26'10	19°10'38	
	-1070 Oct 17 j 16:30	0°♎		
morning set	-1070 Oct 27 j 15:40	15°♎29'19		
desc. node	-1070 Nov 02 j 14:56	24°♎49'50		
	-1070 Nov 05 j 22:05	0°♏		
max. Earth dist.	-1070 Nov 11 j 00:14	8°♏00'13	1.44720 AU	
superior conj	-1070 Nov 13 j 08:56	11°♏44'18	-1°-6'-14	
minimum elong	-1070 Nov 13 j 01:23	11°♏14'23	1°05'23	
	-1070 Nov 24 j 17:50	0°♐		
evening rise	-1070 Nov 28 j 06:58	5°♐48'28		
	-1070 Dec 13 j 11:15	0°♑		
evening max el	-1070 Dec 18 j 03:39	5°♑47'40	18°33'58	
asc. node	-1070 Dec 20 j 04:38	7°♑37'52		
retrograde	-1070 Dec 24 j 18:39	9°♑28'17		
evening set	-1070 Dec 27 j 18:32	8°♑38'11		
inferior conj	-1069 Jan 02 j 16:46	3°♑01'17	3°33'45	
minimum elong	-1069 Jan 02 j 14:22	3°♑08'24	3°33'21	
min. Earth dist.	-1069 Jan 04 j 16:26	0°♑40'35	0.64630 AU	
	-1069 Jan 05 j 06:39	30°℞♐		
morning rise	-1069 Jan 08 j 08:56	26°♐54'23		
direct	-1069 Jan 15 j 04:19	24°♐03'12		
	-1069 Jan 26 j 16:41	0°♑		
morning max el	-1069 Jan 28 j 14:12	1°♑48'36	27°15'35	
desc. node	-1069 Jan 29 j 14:07	2°♑49'35		
	-1069 Feb 18 j 15:54	0°♒		
morning set	-1069 Mar 04 j 22:33	25°♒21'55		
	-1069 Mar 07 j 06:52	0°♓		
max. Earth dist.	-1069 Mar 09 j 17:20	4°♓56'32	1.33831 AU	
superior conj	-1069 Mar 13 j 02:11	11°♓57'39	0°-51'-14	
minimum elong	-1069 Mar 13 j 04:34	12°♓10'16	0°50'48	
asc. node	-1069 Mar 18 j 03:59	22°♓44'40		
evening rise	-1069 Mar 20 j 10:34	27°♓32'27		
	-1069 Mar 21 j 14:58	0°♈		
	-1069 Apr 09 j 05:10	0°♉		
evening max el	-1069 Apr 10 j 08:02	1°♉07'15	22°01'40	
retrograde	-1069 Apr 23 j 00:02	7°♉18'36		
evening set	-1069 Apr 25 j 17:42	7°♉01'59		
desc. node	-1069 Apr 27 j 13:18	6°♉33'43		
min. Earth dist.	-1069 May 04 j 13:56	3°♉14'20	0.55133 AU	
inferior conj	-1069 May 05 j 02:45	2°♉56'18	-2°-5'-42	
minimum elong	-1069 May 04 j 21:11	3°♉04'08	2°03'54	
	-1069 May 10 j 21:35	30°℞♈		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning rise	-1069 May 14 j 02:05	29°♈00'23	
direct	-1069 May 16 j 23:10	28°♈41'51	
	-1069 May 22 j 17:10	0°♉	
morning max el	-1069 May 28 j 21:40	4°♉18'13	21°29'45
asc. node	-1069 Jun 14 j 03:16	28°♉18'10	
	-1069 Jun 15 j 00:01	0°♊	
morning set	-1069 Jun 18 j 04:21	6°♊26'53	
superior conj	-1069 Jun 25 j 14:20	21°♊58'44	1°35'39
minimum elong	-1069 Jun 25 j 12:06	21°♊47'06	1°35'26
max. Earth dist.	-1069 Jun 29 j 10:35	29°♊51'02	1.35085 AU
	-1069 Jun 29 j 12:22	0°♋	
evening rise	-1069 Jul 03 j 22:31	8°♋40'16	
	-1069 Jul 16 j 01:08	0°♌	
desc. node	-1069 Jul 24 j 12:39	12°♌53'39	
	-1069 Aug 07 j 10:27	0°♍	
evening max el	-1069 Aug 08 j 04:35	0°♍44'30	26°46'01
retrograde	-1069 Aug 21 j 05:28	8°♍01'14	
evening set	-1069 Aug 27 j 21:45	5°♍17'14	
min. Earth dist.	-1069 Aug 31 j 21:44	1°♍11'55	0.65757 AU
	-1069 Sep 01 j 22:07	30°℞♌	
inferior conj	-1069 Sep 02 j 15:58	29°♌06'53	-2°-24'-49
minimum elong	-1069 Sep 02 j 19:29	28°♌56'28	2°23'33
morning rise	-1069 Sep 08 j 18:27	23°♌22'31	
asc. node	-1069 Sep 10 j 02:25	22°♌50'01	
direct	-1069 Sep 11 j 15:00	22°♌37'01	
morning max el	-1069 Sep 18 j 06:23	26°♌16'12	18°27'47
	-1069 Sep 21 j 11:20	0°♍	
morning set	-1069 Oct 07 j 22:44	25°♍27'37	
	-1069 Oct 10 j 18:12	0°♎	
desc. node	-1069 Oct 20 j 11:59	15°♎32'54	
superior conj	-1069 Oct 23 j 09:08	20°♎05'47	0°-18'-40
minimum elong	-1069 Oct 23 j 06:40	19°♎56'04	0°18'21
max. Earth dist.	-1069 Oct 24 j 18:24	22°♎16'44	1.44973 AU
	-1069 Oct 29 j 16:21	0°♏	
evening rise	-1069 Nov 08 j 16:58	15°♏45'54	
	-1069 Nov 17 j 18:04	0°♐	
greatest brilliancy	-1069 Nov 21 j 05:27	5°♐21'39	-0.7m
evening max el	-1069 Dec 01 j 13:10	19°♐14'24	19°13'16
asc. node	-1069 Dec 07 j 01:39	23°♐03'48	
retrograde	-1069 Dec 08 j 14:10	23°♐16'43	
evening set	-1069 Dec 11 j 20:32	22°♐14'42	
inferior conj	-1069 Dec 17 j 12:50	16°♐21'53	3°03'55
minimum elong	-1069 Dec 17 j 09:57	16°♐31'03	3°03'10
min. Earth dist.	-1069 Dec 18 j 21:51	14°♐36'51	0.65917 AU
morning rise	-1069 Dec 22 j 22:32	10°♐09'51	
direct	-1069 Dec 29 j 07:10	7°♐23'09	
morning max el	-1068 Jan 10 j 23:42	14°♐51'34	26°18'26
desc. node	-1068 Jan 16 j 11:11	20°♐56'44	
	-1068 Jan 23 j 10:24	0°♑	
	-1068 Feb 11 j 10:16	0°♒	
morning set	-1068 Feb 16 j 02:10	8°♒29'30	
max. Earth dist.	-1068 Feb 20 j 04:45	16°♒21'37	1.35162 AU
superior conj	-1068 Feb 25 j 00:18	26°♒00'29	-1°-16'-6
minimum elong	-1068 Feb 25 j 03:39	26°♒17'35	1°15'37
	-1068 Feb 26 j 22:53	0°♓	
evening rise	-1068 Mar 03 j 18:38	12°♓04'36	
asc. node	-1068 Mar 04 j 01:01	12°♓37'26	
	-1068 Mar 13 j 05:21	0°♈	
evening max el	-1068 Mar 22 j 11:09	12°♈14'21	20°37'39
retrograde	-1068 Apr 02 j 13:06	17°♈33'26	
evening set	-1068 Apr 04 j 18:11	17°♈21'36	
desc. node	-1068 Apr 13 j 10:20	13°♈40'38	
inferior conj	-1068 Apr 13 j 21:39	13°♈24'20	0°-8'-2
minimum elong	-1068 Apr 13 j 21:16	13°♈24'52	0°07'54
transit middle	-1068 Apr 13 j 21:16	13°♈24'52	0°07'54
transit begin	-1068 Apr 13 j 17:45	13°♈29'57	
transit end	-1068 Apr 14 j 00:48	13°♈19'47	
min. Earth dist.	-1068 Apr 15 j 03:39	12°♈41'05	0.55174 AU
morning rise	-1068 Apr 22 j 22:43	9°♈11'30	
direct	-1068 Apr 26 j 10:58	8°♈44'46	
morning max el	-1068 May 09 j 17:59	15°♈12'24	23°06'23
	-1068 May 21 j 06:28	0°♉	
asc. node	-1068 May 31 j 00:20	18°♉00'25	
morning set	-1068 Jun 01 j 15:28	21°♉23'09	
	-1068 Jun 05 j 16:41	0°♊	
superior conj	-1068 Jun 08 j 19:30	6°♊41'05	1°20'54
minimum elong	-1068 Jun 08 j 16:58	6°♊27'29	1°20'34
max. Earth dist.	-1068 Jun 11 j 08:28	12°♊03'55	1.33861 AU
evening rise	-1068 Jun 16 j 12:21	22°♊36'49	
	-1068 Jun 20 j 08:12	0°♋	
	-1068 Jul 08 j 18:33	0°♌	
desc. node	-1068 Jul 10 j 09:40	2°♌12'15	
evening max el	-1068 Jul 20 j 16:12	14°♌04'51	27°19'14
retrograde	-1068 Aug 03 j 03:52	21°♌25'03	
evening set	-1068 Aug 10 j 05:36	18°♌40'58	
min. Earth dist.	-1068 Aug 13 j 23:08	15°♌12'14	0.64443 AU
inferior conj	-1068 Aug 16 j 06:34	12°♌42'25	-3°-15'-26
minimum elong	-1068 Aug 16 j 10:57	12°♌30'34	3°14'09
morning rise	-1068 Aug 22 j 18:01	7°♌13'41	
direct	-1068 Aug 25 j 08:59	6°♌38'03	
asc. node	-1068 Aug 26 j 23:29	6°♌51'29	
morning max el	-1068 Aug 31 j 21:14	10°♌05'58	18°01'55
	-1068 Sep 14 j 09:32	0°♍	
morning set	-1068 Sep 18 j 09:42	6°♍47'04	
superior conj	-1068 Oct 01 j 19:42	29°♍01'32	0°29'33
minimum elong	-1068 Oct 01 j 23:03	29°♍15'01	0°29'05
	-1068 Oct 02 j 10:12	0°♎	
desc. node	-1068 Oct 06 j 09:01	6°♎18'59	
max. Earth dist.	-1068 Oct 06 j 12:37	6°♎33'18	1.44493 AU
evening rise	-1068 Oct 18 j 06:24	24°♎54'10	
	-1068 Oct 21 j 13:54	0°♏	
greatest brilliancy	-1068 Nov 06 j 22:09	24°♏17'01	-0.6m
	-1068 Nov 11 j 08:02	0°♐	
evening max el	-1068 Nov 13 j 18:05	2°♐42'17	20°08'04
retrograde	-1068 Nov 21 j 11:33	7°♐14'20	
asc. node	-1068 Nov 22 j 22:41	7°♐02'04	
evening set	-1068 Nov 25 j 02:20	5°♐58'14	
inferior conj	-1068 Nov 30 j 14:37	29°♏52'24	2°25'07
minimum elong	-1068 Nov 30 j 11:54	0°♐01'32	2°24'12
	-1068 Nov 30 j 12:21	30°℞♏	
min. Earth dist.	-1068 Dec 01 j 10:26	28°♏46'06	0.66825 AU
morning rise	-1068 Dec 05 j 20:54	23°♏37'27	
direct	-1068 Dec 11 j 15:21	21°♏05'33	
morning max el	-1068 Dec 23 j 08:15	28°♏03'16	25°01'42
	-1068 Dec 25 j 04:48	0°♐	
desc. node	-1067 Jan 02 j 08:13	9°♐54'39	
	-1067 Jan 16 j 04:01	0°♑	
morning set	-1067 Jan 28 j 11:59	20°♑39'07	
max. Earth dist.	-1067 Feb 01 j 05:22	27°♑25'38	1.36926 AU
	-1067 Feb 02 j 14:26	0°♒	
superior conj	-1067 Feb 07 j 12:50	9°♒29'31	-1°-37'-47
minimum elong	-1067 Feb 07 j 16:29	9°♒47'29	1°37'25
evening rise	-1067 Feb 15 j 21:39	26°♒15'20	
	-1067 Feb 17 j 18:46	0°♓	
asc. node	-1067 Feb 18 j 22:02	2°♓13'43	
evening max el	-1067 Mar 05 j 01:10	23°♓57'25	19°30'29
retrograde	-1067 Mar 14 j 10:14	28°♓26'49	
evening set	-1067 Mar 16 j 14:58	28°♓13'07	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

inferior conj	-1067 Mar 25 j 02:36	24°♓07'23	1°41'17
minimum elong	-1067 Mar 25 j 06:26	24°♓01'10	1°40'05
min. Earth dist.	-1067 Mar 27 j 18:05	22°♓25'32	0.56132 AU
desc. node	-1067 Mar 31 j 07:22	20°♓25'12	
morning rise	-1067 Apr 02 j 18:18	19°♓24'21	
direct	-1067 Apr 07 j 07:19	18°♓37'46	
morning max el	-1067 Apr 21 j 09:01	25°♓44'32	24°46'27
	-1067 Apr 25 j 09:01	0°♈	
	-1067 May 14 j 01:05	0°♉	
morning set	-1067 May 17 j 03:31	6°♉23'01	
asc. node	-1067 May 17 j 21:22	7°♉57'21	
superior conj	-1067 May 24 j 04:43	21°♉35'26	1°02'06
minimum elong	-1067 May 24 j 02:24	21°♉22'49	1°01'43
max. Earth dist.	-1067 May 25 j 14:46	24°♉39'55	1.33012 AU
	-1067 May 28 j 02:34	0°♊	
evening rise	-1067 May 31 j 11:34	7°♊01'31	
	-1067 Jun 12 j 20:40	0°♋	
desc. node	-1067 Jun 27 j 06:40	20°♋44'39	
evening max el	-1067 Jul 03 j 01:34	26°♋59'28	27°23'10
	-1067 Jul 06 j 13:02	0°♌	
retrograde	-1067 Jul 16 j 19:58	4°♌18'51	
evening set	-1067 Jul 24 j 00:35	1°♌47'01	
	-1067 Jul 26 j 07:02	30°℞♋	
min. Earth dist.	-1067 Jul 27 j 14:31	28°♋48'58	0.62772 AU
inferior conj	-1067 Jul 30 j 11:05	26°♋03'19	-3°-58'-49
minimum elong	-1067 Jul 30 j 15:25	25°♋52'47	3°57'55
morning rise	-1067 Aug 06 j 08:37	20°♋53'43	
direct	-1067 Aug 08 j 20:25	20°♋25'06	
asc. node	-1067 Aug 13 j 20:33	22°♋22'19	
morning max el	-1067 Aug 15 j 12:34	23°♋50'06	17°54'00
	-1067 Aug 20 j 11:00	0°♌	
morning set	-1067 Aug 31 j 19:38	19°♌12'28	
	-1067 Sep 06 j 22:31	0°♍	
superior conj	-1067 Sep 12 j 07:38	9°♍13'25	1°07'56
minimum elong	-1067 Sep 12 j 12:52	9°♍35'26	1°07'20
max. Earth dist.	-1067 Sep 19 j 03:47	20°♍31'34	1.43345 AU
desc. node	-1067 Sep 23 j 06:02	27°♍05'09	
	-1067 Sep 25 j 02:21	0°♎	
evening rise	-1067 Sep 27 j 12:39	3°♎47'43	
	-1067 Oct 15 j 01:27	0°♏	
greatest brilliancy	-1067 Oct 22 j 12:07	10°♏06'49	-0.4m
evening max el	-1067 Oct 27 j 17:13	16°♏10'11	21°15'44
retrograde	-1067 Nov 05 j 08:43	21°♏18'18	
evening set	-1067 Nov 09 j 09:58	19°♏46'00	
asc. node	-1067 Nov 09 j 19:43	19°♏26'24	
inferior conj	-1067 Nov 14 j 19:55	13°♏30'32	1°39'46
minimum elong	-1067 Nov 14 j 17:49	13°♏37'47	1°38'55
min. Earth dist.	-1067 Nov 15 j 04:03	13°♏02'34	0.67373 AU
morning rise	-1067 Nov 20 j 01:20	7°♏14'45	
direct	-1067 Nov 25 j 04:20	5°♏03'28	
morning max el	-1067 Dec 05 j 17:07	11°♏19'55	23°35'21
desc. node	-1067 Dec 20 j 05:16	29°♏28'55	
	-1067 Dec 20 j 14:04	0°♐	
	-1066 Jan 08 j 23:20	0°♑	
morning set	-1066 Jan 09 j 21:54	1°♑35'08	
max. Earth dist.	-1066 Jan 14 j 00:54	8°♑41'58	1.38979 AU
superior conj	-1066 Jan 21 j 11:56	22°♑14'49	-1°-53'-39
minimum elong	-1066 Jan 21 j 14:42	22°♑27'46	1°53'31
	-1066 Jan 25 j 13:48	0°♒	
evening rise	-1066 Jan 30 j 17:08	9°♒58'08	
asc. node	-1066 Feb 05 j 19:03	21°♒27'48	
	-1066 Feb 10 j 22:55	0°♓	
evening max el	-1066 Feb 16 j 01:02	6°♓15'46	18°42'55
retrograde	-1066 Feb 24 j 00:46	10°♓08'31	
evening set	-1066 Feb 26 j 09:19	9°♓49'31	
inferior conj	-1066 Mar 06 j 02:46	5°♓25'54	2°58'54
minimum elong	-1066 Mar 06 j 07:05	5°♓17'48	2°57'55
min. Earth dist.	-1066 Mar 09 j 10:55	2°♓56'36	0.57790 AU
morning rise	-1066 Mar 14 j 00:49	0°♓11'32	
	-1066 Mar 14 j 11:15	30°℞♒	
desc. node	-1066 Mar 18 j 04:24	28°♒57'48	
direct	-1066 Mar 19 j 17:06	28°♒51'59	
	-1066 Mar 25 j 00:50	0°♓	
morning max el	-1066 Apr 03 j 01:05	6°♓23'09	26°14'58
	-1066 Apr 20 j 11:01	0°♈	
morning set	-1066 May 01 j 14:51	21°♈20'38	
asc. node	-1066 May 04 j 18:24	28°♈03'46	
	-1066 May 05 j 15:49	0°♉	
superior conj	-1066 May 08 j 16:03	6°♉35'06	0°40'11
minimum elong	-1066 May 08 j 14:22	6°♉25'55	0°39'52
max. Earth dist.	-1066 May 09 j 02:15	7°♉31'03	1.32526 AU
evening rise	-1066 May 15 j 17:08	21°♉44'37	
	-1066 May 19 j 19:10	0°♊	
	-1066 Jun 07 j 02:34	0°♋	
desc. node	-1066 Jun 14 j 03:40	8°♋11'14	
evening max el	-1066 Jun 15 j 06:00	9°♋15'41	26°54'22
retrograde	-1066 Jun 29 j 05:04	16°♋33'15	
evening set	-1066 Jul 06 j 02:22	14°♋27'36	
min. Earth dist.	-1066 Jul 09 j 19:41	11°♋47'27	0.60817 AU
inferior conj	-1066 Jul 13 j 02:07	9°♋01'02	-4°-29'-14
minimum elong	-1066 Jul 13 j 04:55	8°♋55'03	4°28'57
morning rise	-1066 Jul 20 j 10:32	4°♋13'21	
direct	-1066 Jul 22 j 21:22	3°♋49'36	
morning max el	-1066 Jul 30 j 01:28	7°♋21'07	18°04'58
asc. node	-1066 Jul 31 j 17:38	9°♋07'51	
	-1066 Aug 13 j 15:01	0°♌	
morning set	-1066 Aug 14 j 22:41	2°♌27'01	
superior conj	-1066 Aug 24 j 22:37	20°♌45'27	1°32'53
minimum elong	-1066 Aug 25 j 02:33	21°♌02'53	1°32'35
	-1066 Aug 30 j 06:02	0°♍	
max. Earth dist.	-1066 Sep 01 j 13:08	3°♍52'43	1.41683 AU
evening rise	-1066 Sep 07 j 06:03	13°♍13'38	
desc. node	-1066 Sep 10 j 03:03	17°♍47'41	
	-1066 Sep 18 j 02:12	0°♎	
greatest brilliancy	-1066 Oct 05 j 15:28	24°♎15'06	-0.3m
evening max el	-1066 Oct 10 j 10:32	29°♎37'56	22°32'31
	-1066 Oct 10 j 19:21	0°♏	
retrograde	-1066 Oct 20 j 04:00	5°♏25'00	
evening set	-1066 Oct 24 j 17:40	3°♏34'53	
asc. node	-1066 Oct 27 j 16:47	0°♏27'47	
	-1066 Oct 28 j 01:32	30°℞♎	
inferior conj	-1066 Oct 30 j 02:47	27°♎13'32	0°49'35
minimum elong	-1066 Oct 30 j 01:39	27°♎17'27	0°49'06
min. Earth dist.	-1066 Oct 30 j 00:18	27°♎22'08	0.67591 AU
morning rise	-1066 Nov 04 j 09:32	20°♎59'22	
direct	-1066 Nov 08 j 21:28	19°♎10'29	
morning max el	-1066 Nov 18 j 05:11	24°♎41'25	22°08'47
	-1066 Nov 22 j 22:11	0°♏	
greatest brilliancy	-1066 Nov 22 j 22:05	29°♎59'42	-0.4m
desc. node	-1066 Dec 07 j 02:19	19°♏28'42	
	-1066 Dec 14 j 01:43	0°♐	
morning set	-1066 Dec 21 j 02:57	11°♐06'37	
max. Earth dist.	-1066 Dec 26 j 22:29	20°♐40'03	1.41066 AU
	-1065 Jan 01 j 09:18	0°♑	
superior conj	-1065 Jan 03 j 16:36	4°♑03'34	-2°00'-11
minimum elong	-1065 Jan 03 j 16:39	4°♑03'48	2°00'13
evening rise	-1065 Jan 14 j 01:48	23°♑05'03	
	-1065 Jan 17 j 19:22	0°♒	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

asc. node	-1065 Jan 23 j 16:04	10°♒12'17	
evening max el	-1065 Jan 30 j 08:07	19°♒02'31	18°15'33
retrograde	-1065 Feb 06 j 09:43	22°♒34'23	
evening set	-1065 Feb 08 j 22:26	22°♒08'08	
inferior conj	-1065 Feb 15 j 23:47	17°♒23'24	3°40'56
minimum elong	-1065 Feb 16 j 02:07	17°♒18'17	3°40'39
min. Earth dist.	-1065 Feb 19 j 08:40	14°♒27'57	0.59813 AU
morning rise	-1065 Feb 23 j 02:28	11°♒45'52	
direct	-1065 Mar 01 j 15:41	9°♒47'50	
desc. node	-1065 Mar 05 j 01:27	10°♒18'15	
morning max el	-1065 Mar 15 j 22:21	17°♒32'07	27°17'27
	-1065 Mar 26 j 07:16	0°♓	
	-1065 Apr 12 j 23:01	0°♈	
morning set	-1065 Apr 15 j 23:46	6°♈09'51	
asc. node	-1065 Apr 21 j 15:26	18°♈15'17	
max. Earth dist.	-1065 Apr 22 j 15:12	20°♈25'14	1.32396 AU
superior conj	-1065 Apr 23 j 03:47	21°♈34'12	0°15'58
minimum elong	-1065 Apr 23 j 03:04	21°♈30'17	0°15'49
	-1065 Apr 27 j 00:18	0°♉	
evening rise	-1065 Apr 30 j 02:43	6°♉38'12	
	-1065 May 12 j 10:31	0°♊	
evening max el	-1065 May 28 j 03:58	20°♊48'19	25°54'06
desc. node	-1065 Jun 01 j 00:41	24°♊05'00	
retrograde	-1065 Jun 11 j 05:38	28°♊02'00	
evening set	-1065 Jun 17 j 06:47	26°♊33'37	
min. Earth dist.	-1065 Jun 21 j 16:32	23°♊53'33	0.58760 AU
inferior conj	-1065 Jun 25 j 00:09	21°♊26'52	-4°-37'-48
minimum elong	-1065 Jun 24 j 23:29	21°♊28'04	4°37'47
morning rise	-1065 Jul 02 j 19:57	17°♊01'45	
direct	-1065 Jul 05 j 07:33	16°♊41'23	
morning max el	-1065 Jul 13 j 08:56	20°♊30'51	18°35'51
asc. node	-1065 Jul 18 j 14:42	26°♊53'06	
	-1065 Jul 20 j 15:12	0°♋	
morning set	-1065 Jul 29 j 14:08	16°♋18'59	
	-1065 Aug 05 j 16:29	0°♌	
superior conj	-1065 Aug 07 j 11:55	3°♌24'41	1°45'18
minimum elong	-1065 Aug 07 j 13:33	3°♌32'20	1°45'16
max. Earth dist.	-1065 Aug 14 j 17:08	16°♌29'44	1.39739 AU
evening rise	-1065 Aug 18 j 22:53	23°♌46'31	
	-1065 Aug 22 j 17:15	0°♍	
desc. node	-1065 Aug 28 j 00:03	8°♍23'07	
	-1065 Sep 11 j 22:47	0°♎	
evening max el	-1065 Sep 22 j 23:47	13°♎08'38	23°52'52
retrograde	-1065 Oct 03 j 20:00	19°♎31'48	
evening set	-1065 Oct 08 j 23:45	17°♎23'17	
inferior conj	-1065 Oct 14 j 09:28	11°♎00'04	0°-3'-47
minimum elong	-1065 Oct 14 j 09:33	10°♎59'46	0°03'46
transit middle	-1065 Oct 14 j 09:33	10°♎59'46	0°03'46
transit begin	-1065 Oct 14 j 06:55	11°♎08'46	
transit end	-1065 Oct 14 j 12:12	10°♎50'46	
min. Earth dist.	-1065 Oct 13 j 20:44	11°♎43'22	0.67501 AU
asc. node	-1065 Oct 14 j 13:52	10°♎45'07	
morning rise	-1065 Oct 19 j 19:32	4°♎50'15	
direct	-1065 Oct 23 j 17:47	3°♎22'53	
morning max el	-1065 Oct 31 j 23:28	8°♎11'10	20°49'29
greatest brilliancy	-1065 Nov 06 j 19:47	15°♎03'29	-0.5m
	-1065 Nov 17 j 10:48	0°♏	
desc. node	-1065 Nov 23 j 23:21	9°♏46'47	
morning set	-1065 Nov 30 j 06:40	19°♏29'04	
	-1065 Dec 06 j 22:19	0°♐	
max. Earth dist.	-1065 Dec 09 j 03:05	3°♐32'51	1.42905 AU
superior conj	-1065 Dec 15 j 21:20	14°♐43'06	-1°-53'-1
minimum elong	-1065 Dec 15 j 16:59	14°♐24'46	1°52'50
	-1065 Dec 24 j 17:49	0°♑	
evening rise	-1065 Dec 27 j 19:45	5°♑27'39	
asc. node	-1064 Jan 10 j 13:08	28°♑17'44	
	-1064 Jan 11 j 21:01	0°♒	
evening max el	-1064 Jan 13 j 19:27	2°♒08'51	18°07'55
retrograde	-1064 Jan 20 j 09:39	5°♒34'25	
evening set	-1064 Jan 23 j 02:23	4°♒59'39	
inferior conj	-1064 Jan 29 j 14:50	29°♑53'25	3°53'51
minimum elong	-1064 Jan 29 j 14:48	29°♑53'30	3°53'51
	-1064 Jan 29 j 12:12	30°℞♑	
min. Earth dist.	-1064 Feb 01 j 13:51	26°♑56'43	0.61872 AU
morning rise	-1064 Feb 05 j 00:53	24°♑00'55	
direct	-1064 Feb 12 j 00:19	21°♑31'09	
desc. node	-1064 Feb 19 j 22:31	24°♑16'08	
morning max el	-1064 Feb 26 j 01:36	29°♑20'44	27°45'04
	-1064 Feb 26 j 17:16	0°♒	
	-1064 Mar 19 j 04:25	0°♓	
morning set	-1064 Mar 30 j 04:11	20°♓42'32	
	-1064 Apr 03 j 14:45	0°♈	
max. Earth dist.	-1064 Apr 05 j 01:48	3°♈08'21	1.32638 AU
superior conj	-1064 Apr 06 j 14:11	6°♈25'38	0°-9'-47
minimum elong	-1064 Apr 06 j 14:39	6°♈28'07	0°09'43
behind sun begin	-1064 Apr 06 j 10:34	6°♈05'58	
behind sun end	-1064 Apr 06 j 18:43	6°♈50'16	
asc. node	-1064 Apr 07 j 12:28	8°♈26'55	
evening rise	-1064 Apr 13 j 14:14	21°♈34'04	
	-1064 Apr 17 j 16:51	0°♉	
	-1064 May 07 j 03:46	0°♊	
evening max el	-1064 May 08 j 20:21	1°♊42'18	24°29'56
desc. node	-1064 May 17 j 21:43	7°♊49'51	
retrograde	-1064 May 22 j 18:48	8°♊44'19	
evening set	-1064 May 27 j 12:39	7°♊53'47	
min. Earth dist.	-1064 Jun 02 j 07:59	4°♊57'27	0.56891 AU
inferior conj	-1064 Jun 05 j 02:19	3°♊11'06	-4°-12'-37
minimum elong	-1064 Jun 04 j 21:17	3°♊19'13	4°11'51
	-1064 Jun 10 j 17:10	30°℞♉	
morning rise	-1064 Jun 13 j 09:48	29°♉05'40	
direct	-1064 Jun 15 j 23:25	28°♉47'31	
	-1064 Jun 20 j 22:21	0°♊	
morning max el	-1064 Jun 25 j 07:56	3°♊08'21	19°27'35
asc. node	-1064 Jul 04 j 11:46	15°♊23'37	
	-1064 Jul 12 j 06:40	0°♋	
morning set	-1064 Jul 12 j 14:18	0°♋38'00	
superior conj	-1064 Jul 20 j 17:46	16°♋54'15	1°47'32
minimum elong	-1064 Jul 20 j 17:21	16°♋52'17	1°47'32
max. Earth dist.	-1064 Jul 26 j 20:04	28°♋31'57	1.37761 AU
	-1064 Jul 27 j 15:11	0°♌	
evening rise	-1064 Jul 30 j 16:41	5°♌31'13	
desc. node	-1064 Aug 13 j 21:05	28°♌46'37	
	-1064 Aug 14 j 16:34	0°♍	
evening max el	-1064 Sep 04 j 11:21	26°♍43'33	25°09'58
	-1064 Sep 08 j 03:49	0°♎	
retrograde	-1064 Sep 16 j 07:47	3°♎35'02	
evening set	-1064 Sep 22 j 02:28	1°♎09'10	
	-1064 Sep 23 j 07:48	30°℞♍	
min. Earth dist.	-1064 Sep 26 j 14:51	26°♍04'39	0.67095 AU
inferior conj	-1064 Sep 27 j 14:15	24°♍48'05	0°-58'-50
minimum elong	-1064 Sep 27 j 15:42	24°♍43'20	0°58'13
asc. node	-1064 Sep 30 j 10:57	21°♍15'36	
morning rise	-1064 Oct 03 j 05:26	18°♍45'44	
direct	-1064 Oct 06 j 15:58	17°♍37'18	
morning max el	-1064 Oct 14 j 01:22	21°♍51'03	19°42'27
	-1064 Oct 20 j 16:56	0°♎	
greatest brilliancy	-1064 Oct 22 j 05:12	2°♎06'37	-0.6m
morning set	-1064 Nov 08 j 04:20	27°♎42'37	
desc. node	-1064 Nov 09 j 20:24	0°♏17'57	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1064 Nov 09 j 15:46	0°♏	
max. Earth dist.	-1064 Nov 20 j 15:30	17°♏14'10	1.44246 AU
superior conj	-1064 Nov 24 j 23:02	24°♏08'09	-1°-28'-24
minimum elong	-1064 Nov 24 j 15:11	23°♏36'34	1°27'40
	-1064 Nov 28 j 13:49	0°♐	
evening rise	-1064 Dec 08 j 18:39	16°♐58'15	
	-1064 Dec 16 j 12:16	0°♑	
asc. node	-1064 Dec 27 j 10:12	15°♑32'34	
evening max el	-1064 Dec 27 j 08:04	15°♑27'11	18°19'15
retrograde	-1063 Jan 02 j 20:19	18°♑59'03	
evening set	-1063 Jan 05 j 17:22	18°♑14'46	
inferior conj	-1063 Jan 11 j 20:00	12°♑48'16	3°45'36
minimum elong	-1063 Jan 11 j 18:13	12°♑53'15	3°45'25
min. Earth dist.	-1063 Jan 14 j 04:23	10°♑10'47	0.63719 AU
morning rise	-1063 Jan 17 j 17:32	6°♑45'52	
direct	-1063 Jan 24 j 16:45	3°♑58'22	
desc. node	-1063 Feb 05 j 19:34	10°♑16'22	
morning max el	-1063 Feb 07 j 09:24	11°♑46'57	27°36'06
	-1063 Feb 21 j 21:42	0°♒	
	-1063 Mar 11 j 14:12	0°♓	
morning set	-1063 Mar 14 j 01:40	4°♓50'37	
max. Earth dist.	-1063 Mar 19 j 06:12	15°♓27'43	1.33277 AU
superior conj	-1063 Mar 21 j 21:31	21°♓03'26	0°-36'-10
minimum elong	-1063 Mar 21 j 23:13	21°♓12'33	0°35'50
asc. node	-1063 Mar 25 j 09:31	28°♓34'44	
	-1063 Mar 26 j 01:23	0°♈	
evening rise	-1063 Mar 29 j 01:53	6°♈25'49	
	-1063 Apr 10 j 17:44	0°♉	
evening max el	-1063 Apr 20 j 11:45	12°♉19'00	22°55'07
retrograde	-1063 May 03 j 19:00	18°♉54'03	
desc. node	-1063 May 04 j 18:45	18°♉51'52	
evening set	-1063 May 07 j 03:44	18°♉29'17	
min. Earth dist.	-1063 May 14 j 21:02	15°♉04'25	0.55554 AU
inferior conj	-1063 May 16 j 09:17	14°♉12'07	-3°-3'-56
minimum elong	-1063 May 16 j 02:24	14°♉22'06	3°02'04
morning rise	-1063 May 25 j 03:53	10°♉17'34	
direct	-1063 May 27 j 21:08	10°♉00'06	
morning max el	-1063 Jun 07 j 20:18	15°♉05'33	20°39'53
	-1063 Jun 18 j 21:13	0°♊	
asc. node	-1063 Jun 21 j 08:49	4°♊28'30	
morning set	-1063 Jun 26 j 20:22	15°♊16'28	
	-1063 Jul 03 j 23:33	0°♋	
superior conj	-1063 Jul 04 j 11:24	1°♋00'28	1°41'48
minimum elong	-1063 Jul 04 j 09:37	0°♋51'26	1°41'42
max. Earth dist.	-1063 Jul 09 j 03:35	10°♋21'23	1.35973 AU
evening rise	-1063 Jul 13 j 07:25	18°♋17'37	
	-1063 Jul 19 j 20:40	0°♌	
desc. node	-1063 Jul 31 j 18:07	18°♌51'57	
	-1063 Aug 08 j 20:59	0°♍	
evening max el	-1063 Aug 17 j 22:51	10°♍19'03	26°16'01
retrograde	-1063 Aug 30 j 14:40	17°♍29'01	
evening set	-1063 Sep 05 j 23:50	14°♍49'35	
min. Earth dist.	-1063 Sep 10 j 04:10	10°♍22'37	0.66353 AU
inferior conj	-1063 Sep 11 j 15:13	8°♍34'26	-1°-53'-54
minimum elong	-1063 Sep 11 j 18:02	8°♍25'44	1°52'48
asc. node	-1063 Sep 17 j 08:01	2°♍50'27	
morning rise	-1063 Sep 17 j 13:10	2°♍42'46	
direct	-1063 Sep 20 j 14:11	1°♍49'55	
morning max el	-1063 Sep 27 j 10:06	5°♍38'44	18°50'23
	-1063 Oct 14 j 11:03	0°♎	
morning set	-1063 Oct 18 j 19:33	6°♎53'40	
desc. node	-1063 Oct 27 j 17:26	20°♎57'39	
	-1063 Nov 02 j 11:22	0°♏	
max. Earth dist.	-1063 Nov 03 j 08:55	1°♏24'48	1.44920 AU
superior conj	-1063 Nov 04 j 03:21	2°♏37'20	0°-46'-57
minimum elong	-1063 Nov 03 j 21:24	2°♏13'54	0°46'13
evening rise	-1063 Nov 19 j 18:33	27°♏30'02	
	-1063 Nov 21 j 07:45	0°♐	
evening max el	-1063 Dec 10 j 19:16	28°♐51'12	18°48'38
	-1063 Dec 11 j 23:52	0°♑	
asc. node	-1063 Dec 14 j 07:15	1°♑42'14	
retrograde	-1063 Dec 17 j 13:36	2°♑40'00	
evening set	-1063 Dec 20 j 16:05	1°♑44'54	
	-1063 Dec 22 j 22:11	30°℞♐	
inferior conj	-1063 Dec 26 j 11:30	26°♐00'36	3°22'22
minimum elong	-1063 Dec 26 j 08:49	26°♐08'51	3°21'49
min. Earth dist.	-1063 Dec 28 j 04:40	23°♐54'45	0.65223 AU
morning rise	-1062 Jan 01 j 00:30	19°♐51'18	
direct	-1062 Jan 07 j 15:47	17°♐00'52	
morning max el	-1062 Jan 20 j 19:06	24°♐40'09	26°54'24
desc. node	-1062 Jan 23 j 16:37	27°♐44'28	
	-1062 Jan 25 j 15:41	0°♑	
	-1062 Feb 15 j 07:43	0°♒	
morning set	-1062 Feb 25 j 12:58	18°♒23'19	
max. Earth dist.	-1062 Mar 02 j 00:43	27°♒13'18	1.34344 AU
	-1062 Mar 03 j 09:34	0°♓	
superior conj	-1062 Mar 05 j 23:38	5°♓20'22	-1°-2'-3
minimum elong	-1062 Mar 06 j 02:29	5°♓35'12	1°01'34
asc. node	-1062 Mar 12 j 06:34	18°♓34'02	
evening rise	-1062 Mar 13 j 11:46	21°♓06'29	
	-1062 Mar 17 j 21:26	0°♈	
evening max el	-1062 Apr 02 j 08:54	23°♈07'25	21°24'07
retrograde	-1062 Apr 14 j 09:49	28°♈57'50	
evening set	-1062 Apr 16 j 20:19	28°♈44'14	
desc. node	-1062 Apr 21 j 15:45	27°♈07'43	
inferior conj	-1062 Apr 26 j 04:39	24°♈43'55	-1°-16'-58
minimum elong	-1062 Apr 26 j 01:02	24°♈48'59	1°15'42
min. Earth dist.	-1062 Apr 26 j 10:06	24°♈36'16	0.55032 AU
morning rise	-1062 May 05 j 06:02	20°♈43'27	
direct	-1062 May 08 j 08:07	20°♈22'43	
morning max el	-1062 May 20 j 21:56	26°♈21'02	22°09'44
	-1062 May 24 j 09:13	0°♉	
asc. node	-1062 Jun 08 j 05:51	23°♉59'21	
morning set	-1062 Jun 11 j 06:11	0°♊08'19	
	-1062 Jun 11 j 04:35	0°♊	
superior conj	-1062 Jun 18 j 13:12	15°♊32'46	1°29'57
minimum elong	-1062 Jun 18 j 10:46	15°♊19'56	1°29'42
max. Earth dist.	-1062 Jun 21 j 19:49	22°♊21'33	1.34516 AU
	-1062 Jun 25 j 15:05	0°♋	
evening rise	-1062 Jun 26 j 14:07	1°♋52'31	
	-1062 Jul 12 j 19:06	0°♌	
desc. node	-1062 Jul 18 j 15:07	8°♌31'08	
evening max el	-1062 Jul 31 j 10:33	23°♌47'54	27°03'16
	-1062 Aug 08 j 22:25	0°♍	
retrograde	-1062 Aug 13 j 16:26	1°♍07'05	
	-1062 Aug 18 j 02:12	30°℞♌	
evening set	-1062 Aug 20 j 13:30	28°♌21'21	
min. Earth dist.	-1062 Aug 24 j 10:25	24°♌32'20	0.65247 AU
inferior conj	-1062 Aug 26 j 10:19	22°♌15'43	-2°-46'-53
minimum elong	-1062 Aug 26 j 14:16	22°♌04'25	2°45'35
morning rise	-1062 Sep 01 j 16:30	16°♌37'55	
direct	-1062 Sep 04 j 10:22	15°♌57'04	
asc. node	-1062 Sep 04 j 05:03	15°♌57'20	
morning max el	-1062 Sep 10 j 23:35	19°♌30'15	18°14'41
	-1062 Sep 18 j 20:55	0°♍	
morning set	-1062 Sep 29 j 14:52	17°♍28'08	
	-1062 Oct 07 j 06:51	0°♎	
superior conj	-1062 Oct 14 j 05:23	11°♎06'36	0°02'30

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1062 Oct 14 j 05:42	11°♎07'50	0°02'26
behind sun begin	-1062 Oct 13 j 18:47	10°♎24'30	
behind sun end	-1062 Oct 14 j 16:37	11°♎51'08	
desc. node	-1062 Oct 14 j 14:30	11°♎42'44	
max. Earth dist.	-1062 Oct 17 j 03:39	15°♎44'24	1.44856 AU
	-1062 Oct 26 j 06:03	0°♏	
evening rise	-1062 Oct 30 j 18:56	7°♏04'27	
	-1062 Nov 14 j 17:11	0°♐	
greatest brilliancy	-1062 Nov 15 j 18:00	1°♐30'45	-0.7m
evening max el	-1062 Nov 24 j 02:56	12°♐18'07	19°34'42
retrograde	-1062 Dec 01 j 10:19	16°♐32'36	
asc. node	-1062 Dec 01 j 04:16	16°♐32'15	
evening set	-1062 Dec 04 j 19:57	15°♐24'54	
inferior conj	-1062 Dec 10 j 10:19	9°♐25'53	2°48'24
minimum elong	-1062 Dec 10 j 07:26	9°♐35'18	2°47'33
min. Earth dist.	-1062 Dec 11 j 13:28	7°♐57'15	0.66348 AU
morning rise	-1062 Dec 15 j 18:11	3°♐12'06	
direct	-1062 Dec 21 j 20:55	0°♐30'51	
morning max el	-1061 Jan 03 j 04:26	7°♐48'27	25°47'34
desc. node	-1061 Jan 10 j 13:41	16°♐15'13	
	-1061 Jan 20 j 13:37	0°♑	
	-1061 Feb 07 j 18:50	0°♒	
morning set	-1061 Feb 08 j 09:41	1°♒07'57	
max. Earth dist.	-1061 Feb 12 j 07:13	8°♒26'15	1.35862 AU
superior conj	-1061 Feb 17 j 18:02	19°♒09'11	-1°-25'-52
minimum elong	-1061 Feb 17 j 21:37	19°♒27'14	1°25'23
	-1061 Feb 23 j 01:34	0°♓	
evening rise	-1061 Feb 25 j 17:57	5°♓29'48	
asc. node	-1061 Feb 27 j 03:35	8°♓20'08	
	-1061 Mar 11 j 17:37	0°♈	
evening max el	-1061 Mar 15 j 16:31	4°♈28'34	20°06'47
retrograde	-1061 Mar 26 j 01:04	9°♈25'55	
evening set	-1061 Mar 28 j 04:44	9°♈14'00	
inferior conj	-1061 Apr 06 j 02:12	5°♈14'48	0°41'13
minimum elong	-1061 Apr 06 j 04:01	5°♈12'04	0°40'36
min. Earth dist.	-1061 Apr 08 j 00:13	4°♈05'48	0.55467 AU
desc. node	-1061 Apr 08 j 12:47	3°♈47'21	
morning rise	-1061 Apr 15 j 00:34	0°♈49'45	
direct	-1061 Apr 18 j 22:09	0°♈16'24	
morning max el	-1061 May 02 j 15:26	7°♈03'18	23°49'31
	-1061 May 19 j 01:51	0°♉	
asc. node	-1061 May 26 j 02:54	13°♉48'24	
morning set	-1061 May 26 j 17:53	15°♉06'49	
superior conj	-1061 Jun 02 j 20:21	0°♊21'23	1°13'23
minimum elong	-1061 Jun 02 j 17:51	0°♊07'53	1°13'01
	-1061 Jun 02 j 16:23	0°♊	
max. Earth dist.	-1061 Jun 04 j 21:22	4°♊43'47	1.33445 AU
evening rise	-1061 Jun 10 j 08:20	16°♊02'24	
	-1061 Jun 17 j 16:09	0°♋	
desc. node	-1061 Jul 05 j 12:06	27°♋32'22	
	-1061 Jul 07 j 11:33	0°♌	
evening max el	-1061 Jul 13 j 21:17	6°♌58'27	27°24'44
retrograde	-1061 Jul 27 j 12:29	14°♌19'33	
evening set	-1061 Aug 03 j 16:23	11°♌38'46	
min. Earth dist.	-1061 Aug 07 j 07:44	8°♌24'15	0.63772 AU
inferior conj	-1061 Aug 09 j 20:59	5°♌45'55	-3°-35'00
minimum elong	-1061 Aug 10 j 01:29	5°♌34'14	3°33'50
morning rise	-1061 Aug 16 j 12:38	0°♌25'05	
	-1061 Aug 17 j 21:18	30°℞♋	
direct	-1061 Aug 19 j 01:50	29°♋52'56	
	-1061 Aug 20 j 06:17	0°♌	
asc. node	-1061 Aug 22 j 02:06	0°♌38'12	
morning max el	-1061 Aug 25 j 15:02	3°♌18'48	17°56'16
morning set	-1061 Sep 11 j 12:19	29°♌17'26	
	-1061 Sep 11 j 22:10	0°♍	
superior conj	-1061 Sep 24 j 01:49	20°♍32'23	0°47'23
minimum elong	-1061 Sep 24 j 06:29	20°♍51'31	0°46'47
	-1061 Sep 29 j 22:02	0°♎	
max. Earth dist.	-1061 Sep 29 j 20:17	29°♍53'00	1.44078 AU
desc. node	-1061 Oct 01 j 11:31	2°♎29'13	
evening rise	-1061 Oct 10 j 03:02	16°♎00'18	
	-1061 Oct 19 j 07:38	0°♏	
greatest brilliancy	-1061 Nov 01 j 05:02	18°♏33'07	-0.5m
evening max el	-1061 Nov 07 j 05:25	25°♏45'53	20°35'30
	-1061 Nov 12 j 19:13	0°♐	
retrograde	-1061 Nov 15 j 07:54	0°♐33'03	
	-1061 Nov 17 j 17:41	30°℞♏	
asc. node	-1061 Nov 18 j 01:18	29°♏50'35	
evening set	-1061 Nov 19 j 02:46	29°♏10'31	
inferior conj	-1061 Nov 24 j 13:53	23°♏00'13	2°06'35
minimum elong	-1061 Nov 24 j 11:22	23°♏08'45	2°05'40
min. Earth dist.	-1061 Nov 25 j 04:38	22°♏10'06	0.67098 AU
morning rise	-1061 Nov 29 j 19:28	16°♏44'22	
direct	-1061 Dec 05 j 07:24	14°♏20'34	
morning max el	-1061 Dec 16 j 12:49	21°♏02'26	24°25'27
	-1061 Dec 24 j 06:44	0°♐	
desc. node	-1061 Dec 28 j 10:46	5°♐30'22	
	-1060 Jan 13 j 19:25	0°♑	
morning set	-1060 Jan 21 j 10:11	12°♑48'46	
max. Earth dist.	-1060 Jan 25 j 04:15	19°♑29'03	1.37770 AU
	-1060 Jan 30 j 19:57	0°♒	
superior conj	-1060 Feb 01 j 01:26	2°♒21'21	-1°-45'-26
minimum elong	-1060 Feb 01 j 04:54	2°♒38'03	1°45'09
evening rise	-1060 Feb 09 j 18:08	19°♒29'37	
asc. node	-1060 Feb 14 j 00:37	27°♒47'57	
	-1060 Feb 15 j 04:52	0°♓	
evening max el	-1060 Feb 26 j 11:08	16°♓28'11	19°07'54
retrograde	-1060 Mar 06 j 04:45	20°♓39'44	
evening set	-1060 Mar 08 j 10:53	20°♓24'10	
inferior conj	-1060 Mar 16 j 14:46	16°♓12'00	2°18'41
minimum elong	-1060 Mar 16 j 19:15	16°♓04'18	2°17'25
min. Earth dist.	-1060 Mar 19 j 15:46	14°♓07'38	0.56765 AU
morning rise	-1060 Mar 24 j 23:33	11°♓14'56	
desc. node	-1060 Mar 25 j 09:50	11°♓05'24	
direct	-1060 Mar 30 j 00:39	10°♓15'19	
morning max el	-1060 Apr 13 j 06:09	17°♓34'51	25°26'26
	-1060 Apr 23 j 11:37	0°♈	
morning set	-1060 May 10 j 05:50	0°♉06'27	
	-1060 May 10 j 04:37	0°♉	
asc. node	-1060 May 11 j 23:57	3°♉50'04	
superior conj	-1060 May 17 j 06:43	15°♉19'06	0°53'09
minimum elong	-1060 May 17 j 04:38	15°♉07'41	0°52'47
max. Earth dist.	-1060 May 18 j 06:11	17°♉26'59	1.32759 AU
evening rise	-1060 May 24 j 10:37	0°♊36'26	
	-1060 May 24 j 03:33	0°♊	
	-1060 Jun 09 j 17:03	0°♋	
desc. node	-1060 Jun 21 j 09:05	15°♋39'45	
evening max el	-1060 Jun 25 j 05:00	19°♋38'40	27°15'03
retrograde	-1060 Jul 09 j 01:57	26°♋57'25	
evening set	-1060 Jul 16 j 04:38	24°♋35'20	
min. Earth dist.	-1060 Jul 19 j 18:57	21°♋46'29	0.61967 AU
inferior conj	-1060 Jul 22 j 20:14	18°♋58'22	-4°-13'-47
minimum elong	-1060 Jul 23 j 00:09	18°♋49'21	4°13'08
morning rise	-1060 Jul 29 j 22:19	13°♋57'32	
direct	-1060 Aug 01 j 09:22	13°♋31'16	
asc. node	-1060 Aug 07 j 23:10	16°♋42'33	
morning max el	-1060 Aug 08 j 05:40	16°♋58'09	17°56'10
	-1060 Aug 17 j 11:10	0°♌	
morning set	-1060 Aug 24 j 06:13	12°♌05'38	
	-1060 Sep 03 j 07:18	0°♍	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1060 Sep 04 j 01:33	1°♍18'56	1°20'09
minimum elong	-1060 Sep 04 j 06:29	1°♍40'09	1°19'40
max. Earth dist.	-1060 Sep 11 j 08:53	13°♍36'04	1.42695 AU
desc. node	-1060 Sep 17 j 08:30	23°♍14'08	
evening rise	-1060 Sep 18 j 11:55	25°♍02'09	
	-1060 Sep 21 j 16:26	0°♎	
	-1060 Oct 12 j 08:19	0°♏	
greatest brilliancy	-1060 Oct 15 j 06:09	3°♏43'33	-0.4m
evening max el	-1060 Oct 20 j 02:06	9°♏13'56	21°47'41
retrograde	-1060 Oct 29 j 04:20	14°♏38'12	
evening set	-1060 Nov 02 j 10:38	12°♏58'38	
asc. node	-1060 Nov 03 j 22:22	11°♏36'32	
inferior conj	-1060 Nov 07 j 20:04	6°♏40'29	1°18'57
minimum elong	-1060 Nov 07 j 18:20	6°♏46'28	1°18'14
min. Earth dist.	-1060 Nov 07 j 23:40	6°♏28'03	0.67508 AU
morning rise	-1060 Nov 13 j 01:48	0°♏25'05	
	-1060 Nov 13 j 14:15	30°℞♎	
direct	-1060 Nov 17 j 22:23	28°♎23'01	
	-1060 Nov 22 j 18:05	0°♏	
morning max el	-1060 Nov 27 j 22:25	4°♏19'49	22°57'57
greatest brilliancy	-1060 Dec 02 j 17:25	9°♏41'50	-0.3m
desc. node	-1060 Dec 14 j 07:48	25°♏16'30	
	-1060 Dec 17 j 13:28	0°♐	
morning set	-1059 Jan 01 j 08:05	23°♐08'42	
	-1059 Jan 05 j 09:46	0°♑	
max. Earth dist.	-1059 Jan 05 j 23:41	0°♑59'41	1.39881 AU
superior conj	-1059 Jan 13 j 17:23	14°♑44'27	-1°-57'-49
minimum elong	-1059 Jan 13 j 19:15	14°♑52'58	1°57'48
	-1059 Jan 21 j 20:12	0°♒	
evening rise	-1059 Jan 23 j 09:25	2°♒57'52	
asc. node	-1059 Jan 30 j 21:40	16°♒50'22	
evening max el	-1059 Feb 08 j 14:31	28°♒59'51	18°28'52
	-1059 Feb 09 j 17:12	0°♓	
retrograde	-1059 Feb 16 j 03:09	2°♓41'26	
evening set	-1059 Feb 18 j 13:44	2°♓19'22	
	-1059 Feb 23 j 01:52	30°℞♒	
inferior conj	-1059 Feb 25 j 23:56	27°♒46'55	3°20'46
minimum elong	-1059 Feb 26 j 03:34	27°♒39'37	3°20'07
min. Earth dist.	-1059 Mar 01 j 10:07	25°♒03'40	0.58631 AU
morning rise	-1059 Mar 05 j 13:40	22°♒21'57	
direct	-1059 Mar 11 j 16:14	20°♒45'56	
desc. node	-1059 Mar 12 j 06:55	20°♒46'54	
morning max el	-1059 Mar 25 j 23:51	28°♒23'01	26°45'24
	-1059 Mar 27 j 14:08	0°♓	
	-1059 Apr 17 j 01:43	0°♈	
morning set	-1059 Apr 24 j 16:21	15°♈00'41	
asc. node	-1059 Apr 28 j 20:59	23°♈58'47	
superior conj	-1059 May 01 j 18:25	0°♉18'41	0°30'10
minimum elong	-1059 May 01 j 17:07	0°♉11'33	0°29'53
	-1059 May 01 j 15:01	0°♉	
max. Earth dist.	-1059 May 01 j 18:49	0°♉20'56	1.32432 AU
evening rise	-1059 May 08 j 18:11	15°♉24'42	
	-1059 May 16 j 03:10	0°♊	
	-1059 Jun 05 j 16:02	0°♋	
evening max el	-1059 Jun 07 j 07:03	1°♋36'59	26°32'21
desc. node	-1059 Jun 08 j 06:06	2°♋30'30	
retrograde	-1059 Jun 21 j 07:20	8°♋52'21	
evening set	-1059 Jun 27 j 21:43	7°♋01'55	
min. Earth dist.	-1059 Jul 01 j 20:17	4°♋24'01	0.59943 AU
inferior conj	-1059 Jul 05 j 04:29	1°♋43'41	-4°-36'-14
minimum elong	-1059 Jul 05 j 06:02	1°♋40'33	4°36'09
	-1059 Jul 07 j 09:44	30°℞♊	
morning rise	-1059 Jul 12 j 17:39	27°♊05'21	
direct	-1059 Jul 15 j 04:46	26°♊43'03	
	-1059 Jul 22 j 07:43	0°♋	
morning max el	-1059 Jul 22 j 16:33	0°♋20'38	18°15'35
asc. node	-1059 Jul 25 j 20:14	3°♋54'56	
morning set	-1059 Aug 07 j 15:08	25°♋37'54	
	-1059 Aug 09 j 22:29	0°♌	
superior conj	-1059 Aug 17 j 02:47	13°♌21'39	1°39'33
minimum elong	-1059 Aug 17 j 05:46	13°♌35'10	1°39'22
max. Earth dist.	-1059 Aug 24 j 16:24	26°♌41'20	1.40882 AU
	-1059 Aug 26 j 15:24	0°♍	
evening rise	-1059 Aug 29 j 14:36	4°♍54'48	
desc. node	-1059 Sep 04 j 05:30	13°♍54'16	
	-1059 Sep 14 j 22:37	0°♎	
greatest brilliancy	-1059 Sep 27 j 04:41	16°♎29'57	-0.2m
evening max el	-1059 Oct 02 j 17:35	22°♎43'29	23°06'37
retrograde	-1059 Oct 12 j 22:14	28°♎45'50	
evening set	-1059 Oct 17 j 17:51	26°♎47'45	
asc. node	-1059 Oct 21 j 19:26	22°♎13'19	
inferior conj	-1059 Oct 23 j 03:04	20°♎25'19	0°27'14
minimum elong	-1059 Oct 23 j 02:26	20°♎27'31	0°26'58
min. Earth dist.	-1059 Oct 22 j 20:12	20°♎48'58	0.67597 AU
morning rise	-1059 Oct 28 j 11:02	14°♎12'55	
direct	-1059 Nov 01 j 17:01	12°♎33'23	
morning max el	-1059 Nov 10 j 12:52	17°♎44'46	21°33'49
greatest brilliancy	-1059 Nov 15 j 13:45	23°♎30'18	-0.4m
	-1059 Nov 20 j 12:13	0°♏	
desc. node	-1059 Dec 01 j 04:51	15°♏24'57	
	-1059 Dec 10 j 17:04	0°♐	
morning set	-1059 Dec 12 j 01:05	2°♐06'19	
max. Earth dist.	-1059 Dec 19 j 00:38	13°♐23'40	1.41902 AU
superior conj	-1059 Dec 26 j 12:32	26°♐05'14	-1°-59'-4
minimum elong	-1059 Dec 26 j 10:51	25°♐57'55	1°59'05
	-1059 Dec 28 j 18:13	0°♑	
evening rise	-1058 Jan 06 j 12:22	15°♑47'04	
	-1058 Jan 14 j 11:12	0°♒	
asc. node	-1058 Jan 17 j 18:43	5°♒19'19	
evening max el	-1058 Jan 22 j 23:45	11°♒55'29	18°09'50
retrograde	-1058 Jan 29 j 19:12	15°♒23'06	
evening set	-1058 Feb 01 j 09:40	14°♒53'16	
inferior conj	-1058 Feb 08 j 05:05	9°♒58'55	3°49'26
minimum elong	-1058 Feb 08 j 06:23	9°♒55'54	3°49'21
min. Earth dist.	-1058 Feb 11 j 10:29	7°♒00'20	0.60706 AU
morning rise	-1058 Feb 15 j 00:14	4°♒14'10	
direct	-1058 Feb 21 j 19:02	2°♒01'39	
desc. node	-1058 Feb 27 j 03:59	3°♒17'30	
morning max el	-1058 Mar 07 j 23:50	9°♒48'15	27°33'47
	-1058 Mar 23 j 14:48	0°♓	
morning set	-1058 Apr 08 j 23:36	29°♓43'16	
	-1058 Apr 09 j 02:51	0°♈	
max. Earth dist.	-1058 Apr 15 j 07:25	13°♈12'20	1.32458 AU
asc. node	-1058 Apr 15 j 18:02	14°♈10'22	
superior conj	-1058 Apr 16 j 05:46	15°♈14'30	0°05'11
minimum elong	-1058 Apr 16 j 05:32	15°♈13'12	0°05'07
behind sun begin	-1058 Apr 16 j 00:44	14°♈46'57	
behind sun end	-1058 Apr 16 j 10:20	15°♈39'27	
evening rise	-1058 Apr 23 j 04:49	0°♉19'31	
	-1058 Apr 23 j 01:07	0°♉	
	-1058 May 09 j 14:00	0°♊	
evening max el	-1058 May 20 j 02:10	12°♊50'18	25°20'25
desc. node	-1058 May 26 j 03:09	17°♊33'39	
retrograde	-1058 Jun 03 j 03:03	20°♊00'18	
evening set	-1058 Jun 08 j 16:13	18°♊48'28	
min. Earth dist.	-1058 Jun 13 j 14:02	16°♊03'31	0.57921 AU
inferior conj	-1058 Jun 16 j 18:12	13°♊51'43	-4°-31'-59
minimum elong	-1058 Jun 16 j 15:39	13°♊56'10	4°31'47
morning rise	-1058 Jun 24 j 18:58	9°♊35'55	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

direct	-1058 Jun 27 j 07:29	9°♊16'33		
morning max el	-1058 Jul 05 j 20:42	13°♊17'09	18°55'26	
asc. node	-1058 Jul 12 j 17:18	22°♊00'20		
	-1058 Jul 17 j 09:03	0°♋		
morning set	-1058 Jul 22 j 10:39	9°♋42'04		
superior conj	-1058 Jul 30 j 23:47	26°♋24'05	1°47'22	
minimum elong	-1058 Jul 31 j 00:29	26°♋27'26	1°47'22	
	-1058 Aug 01 j 21:21	0°♌		
max. Earth dist.	-1058 Aug 06 j 19:30	9°♌02'15	1.38881 AU	
evening rise	-1058 Aug 10 j 18:15	15°♌58'04		
	-1058 Aug 19 j 06:29	0°♍		
desc. node	-1058 Aug 22 j 02:31	4°♍25'06		
	-1058 Sep 09 j 13:37	0°♎		
evening max el	-1058 Sep 15 j 05:42	6°♎15'24	24°26'26	
retrograde	-1058 Sep 26 j 12:34	12°♎51'57		
evening set	-1058 Oct 01 j 22:45	10°♎35'27		
min. Earth dist.	-1058 Oct 06 j 15:52	5°♎10'33	0.67369 AU	
inferior conj	-1058 Oct 07 j 09:09	4°♎12'35	0°-27'-1	
minimum elong	-1058 Oct 07 j 09:49	4°♎10'22	0°26'45	
asc. node	-1058 Oct 08 j 16:30	2°♎28'53		
	-1058 Oct 10 j 18:22	30°℞♍		
morning rise	-1058 Oct 12 j 21:13	28°♍05'48		
direct	-1058 Oct 16 j 14:10	26°♍47'04		
	-1058 Oct 23 j 01:17	0°♎		
morning max el	-1058 Oct 24 j 10:31	1°♎19'26	20°19'19	
greatest brilliancy	-1058 Oct 31 j 02:00	9°♎19'51	-0.6m	
	-1058 Nov 14 j 06:27	0°♏		
desc. node	-1058 Nov 18 j 01:52	5°♏49'01		
morning set	-1058 Nov 20 j 23:11	10°♏16'12		
max. Earth dist.	-1058 Dec 01 j 08:52	26°♏39'08	1.43550 AU	
	-1058 Dec 03 j 10:41	0°♐		
superior conj	-1058 Dec 07 j 05:45	6°♐12'10	-1°-44'-49	
minimum elong	-1058 Dec 06 j 23:31	5°♐46'30	1°44'24	
evening rise	-1058 Dec 19 j 22:46	27°♐48'33		
	-1058 Dec 21 j 04:58	0°♑		
asc. node	-1057 Jan 04 j 15:46	23°♑04'33		
evening max el	-1057 Jan 06 j 11:51	25°♑07'01	18°10'24	
retrograde	-1057 Jan 13 j 00:22	28°♑34'17		
evening set	-1057 Jan 15 j 18:43	27°♑55'44		
inferior conj	-1057 Jan 22 j 02:38	22°♑40'31	3°52'32	
minimum elong	-1057 Jan 22 j 01:46	22°♑42'49	3°52'29	
min. Earth dist.	-1057 Jan 24 j 19:41	19°♑49'49	0.62690 AU	
morning rise	-1057 Jan 28 j 06:49	16°♑43'00		
direct	-1057 Feb 04 j 07:04	14°♑03'51		
desc. node	-1057 Feb 14 j 01:03	18°♑11'44		
morning max el	-1057 Feb 18 j 05:34	21°♑54'34	27°45'40	
	-1057 Feb 25 j 08:30	0°♒		
	-1057 Mar 16 j 16:56	0°♓		
morning set	-1057 Mar 24 j 01:28	14°♓07'00		
max. Earth dist.	-1057 Mar 29 j 15:57	25°♓47'18	1.32854 AU	
superior conj	-1057 Mar 31 j 15:06	0°♈00'56	0°-20'-58	
minimum elong	-1057 Mar 31 j 16:05	0°♈06'15	0°20'47	
	-1057 Mar 31 j 14:56	0°♈		
asc. node	-1057 Apr 02 j 15:05	4°♈20'57		
evening rise	-1057 Apr 07 j 16:37	15°♈14'24		
	-1057 Apr 15 j 02:40	0°♉		
evening max el	-1057 May 01 j 17:10	23°♉33'09	23°49'59	
	-1057 May 12 j 00:46	0°♊		
desc. node	-1057 May 13 j 00:12	0°♊13'08		
retrograde	-1057 May 15 j 11:16	0°♊26'57		
	-1057 May 18 j 22:45	30°℞♉		
evening set	-1057 May 19 j 14:23	29°♉49'12		
min. Earth dist.	-1057 May 26 j 04:10	26°♉42'02	0.56229 AU	
inferior conj	-1057 May 28 j 11:49	25°♉17'12	-3°-49'-2	
minimum elong	-1057 May 28 j 05:27	25°♉26'57	3°47'43	
morning rise	-1057 Jun 06 j 00:16	21°♉18'16		
direct	-1057 Jun 08 j 14:54	21°♉00'50		
morning max el	-1057 Jun 18 j 15:31	25°♉39'11	19°56'00	
	-1057 Jun 22 j 14:12	0°♊		
asc. node	-1057 Jun 29 j 14:21	10°♊46'44		
morning set	-1057 Jul 06 j 13:37	24°♊10'10		
	-1057 Jul 09 j 10:26	0°♋		
superior conj	-1057 Jul 14 j 11:12	10°♋11'08	1°45'57	
minimum elong	-1057 Jul 14 j 10:07	10°♋05'48	1°45'56	
max. Earth dist.	-1057 Jul 19 j 23:15	20°♋54'02	1.36959 AU	
evening rise	-1057 Jul 23 j 21:34	28°♋10'45		
	-1057 Jul 24 j 21:51	0°♌		
desc. node	-1057 Aug 08 j 23:32	24°♌41'39		
	-1057 Aug 12 j 14:45	0°♍		
evening max el	-1057 Aug 28 j 16:55	19°♍50'31	25°39'49	
retrograde	-1057 Sep 09 j 22:33	26°♍51'59		
evening set	-1057 Sep 15 j 23:28	24°♍19'35		
min. Earth dist.	-1057 Sep 20 j 08:17	19°♍30'46	0.66819 AU	
inferior conj	-1057 Sep 21 j 12:33	18°♍00'16	-1°-22'-17	
minimum elong	-1057 Sep 21 j 14:35	17°♍53'43	1°21'27	
asc. node	-1057 Sep 25 j 13:33	13°♍21'27		
morning rise	-1057 Sep 27 j 06:25	12°♍02'01		
direct	-1057 Sep 30 j 12:31	11°♍00'49		
morning max el	-1057 Oct 07 j 15:33	15°♍03'12	19°18'20	
greatest brilliancy	-1057 Oct 17 j 19:29	28°♍23'27	-0.7m	
	-1057 Oct 18 j 21:22	0°♎		
morning set	-1057 Oct 31 j 01:54	18°♎47'29		
desc. node	-1057 Nov 04 j 22:53	26°♎24'03		
	-1057 Nov 07 j 06:06	0°♏		
max. Earth dist.	-1057 Nov 13 j 23:14	10°♏33'09	1.44619 AU	
superior conj	-1057 Nov 16 j 20:52	15°♏09'02	-1°-12'-33	
minimum elong	-1057 Nov 16 j 13:01	14°♏37'51	1°11'42	
	-1057 Nov 26 j 02:15	0°♐		
evening rise	-1057 Dec 01 j 12:15	8°♐54'27		
	-1057 Dec 14 j 11:59	0°♑		
evening max el	-1057 Dec 21 j 00:09	8°♑28'14	18°29'37	
asc. node	-1057 Dec 22 j 12:48	9°♑53'23		
retrograde	-1057 Dec 27 j 14:12	12°♑06'11		
evening set	-1057 Dec 30 j 13:18	11°♑17'40		
inferior conj	-1056 Jan 05 j 12:37	5°♑43'32	3°37'18	
minimum elong	-1056 Jan 05 j 10:21	5°♑50'08	3°36'56	
min. Earth dist.	-1056 Jan 07 j 14:35	3°♑18'01	0.64404 AU	
	-1056 Jan 10 j 19:39	30°℞♐		
morning rise	-1056 Jan 11 j 06:03	29°♐37'42		
direct	-1056 Jan 18 j 02:42	26°♐46'53		
	-1056 Jan 26 j 08:00	0°♑		
morning max el	-1056 Jan 31 j 14:28	4°♑33'37	27°21'54	
desc. node	-1056 Jan 31 j 22:06	4°♑52'47		
	-1056 Feb 19 j 21:57	0°♒		
morning set	-1056 Mar 06 j 19:03	28°♒01'25		
	-1056 Mar 07 j 19:07	0°♓		
max. Earth dist.	-1056 Mar 11 j 16:17	7°♓51'49	1.33668 AU	
superior conj	-1056 Mar 14 j 20:28	14°♓30'42	0°-47'-18	
minimum elong	-1056 Mar 14 j 22:41	14°♓42'25	0°46'53	
asc. node	-1056 Mar 19 j 12:07	24°♓25'33		
evening rise	-1056 Mar 22 j 03:42	0°♈01'50		
	-1056 Mar 22 j 03:21	0°♈		
	-1056 Apr 08 j 14:07	0°♉		
evening max el	-1056 Apr 12 j 10:19	4°♉11'48	22°15'21	
retrograde	-1056 Apr 25 j 06:50	10°♉29'43		
evening set	-1056 Apr 28 j 03:52	10°♉11'28		
desc. node	-1056 Apr 28 j 21:14	10°♉01'24		
min. Earth dist.	-1056 May 06 j 17:25	6°♉30'19	0.55214 AU	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

inferior conj	-1056 May 07 j 12:31	6°♉03'18	-2°-22'-9
minimum elong	-1056 May 07 j 06:26	6°♉11'55	2°20'15
morning rise	-1056 May 16 j 10:47	2°♉08'13	
direct	-1056 May 19 j 06:40	1°♉50'06	
morning max el	-1056 May 30 j 23:13	7°♉18'25	21°16'13
asc. node	-1056 Jun 15 j 11:23	0°♊03'18	
	-1056 Jun 15 j 10:42	0°♊	
morning set	-1056 Jun 19 j 21:29	8°♊54'30	
superior conj	-1056 Jun 27 j 08:40	24°♊29'11	1°37'26
minimum elong	-1056 Jun 27 j 06:32	24°♊18'08	1°37'16
	-1056 Jun 30 j 01:15	0°♋	
max. Earth dist.	-1056 Jul 01 j 09:56	2°♋44'19	1.35308 AU
evening rise	-1056 Jul 05 j 19:42	11°♋19'21	
	-1056 Jul 16 j 08:55	0°♌	
desc. node	-1056 Jul 25 j 20:34	14°♌36'39	
	-1056 Aug 06 j 21:35	0°♍	
evening max el	-1056 Aug 10 j 04:38	3°♍24'23	26°38'56
retrograde	-1056 Aug 23 j 03:23	10°♍39'30	
evening set	-1056 Aug 29 j 17:52	7°♍56'33	
min. Earth dist.	-1056 Sep 02 j 19:01	3°♍45'30	0.65923 AU
inferior conj	-1056 Sep 04 j 11:18	1°♍44'52	-2°-16'-46
minimum elong	-1056 Sep 04 j 14:39	1°♍34'51	2°15'32
	-1056 Sep 05 j 22:59	30°℞♌	
morning rise	-1056 Sep 10 j 12:33	25°♌58'24	
asc. node	-1056 Sep 11 j 10:35	25°♌33'14	
direct	-1056 Sep 13 j 10:12	25°♌11'04	
morning max el	-1056 Sep 20 j 02:30	28°♌52'29	18°33'05
	-1056 Sep 21 j 03:50	0°♍	
morning set	-1056 Oct 10 j 04:43	28°♍33'20	
	-1056 Oct 11 j 02:17	0°♎	
desc. node	-1056 Oct 21 j 19:55	17°♎06'15	
superior conj	-1056 Oct 25 j 21:26	23°♎30'39	0°-26'-13
minimum elong	-1056 Oct 25 j 17:58	23°♎17'00	0°25'47
max. Earth dist.	-1056 Oct 26 j 17:21	24°♎48'58	1.44983 AU
	-1056 Oct 30 j 00:28	0°♏	
evening rise	-1056 Nov 11 j 01:51	19°♏00'49	
	-1056 Nov 18 j 00:14	0°♐	
evening max el	-1056 Dec 03 j 10:12	21°♐54'39	19°06'21
asc. node	-1056 Dec 08 j 09:50	25°♐31'26	
retrograde	-1056 Dec 10 j 09:12	25°♐53'02	
evening set	-1056 Dec 13 j 14:31	24°♐52'48	
inferior conj	-1056 Dec 19 j 07:35	19°♐02'07	3°09'05
minimum elong	-1056 Dec 19 j 04:43	19°♐11'07	3°08'22
min. Earth dist.	-1056 Dec 20 j 18:39	17°♐11'37	0.65752 AU
morning rise	-1056 Dec 24 j 18:02	12°♐50'50	
direct	-1056 Dec 31 j 04:34	10°♐02'48	
morning max el	-1055 Jan 12 j 23:58	17°♐34'08	26°28'27
desc. node	-1055 Jan 17 j 19:08	22°♐50'20	
	-1055 Jan 23 j 10:55	0°♑	
	-1055 Feb 11 j 19:57	0°♒	
morning set	-1055 Feb 18 j 00:45	11°♒15'34	
max. Earth dist.	-1055 Feb 22 j 05:31	19°♒21'36	1.34938 AU
superior conj	-1055 Feb 26 j 19:42	28°♒37'09	-1°-12'-31
minimum elong	-1055 Feb 26 j 22:55	28°♒53'45	1°12'00
	-1055 Feb 27 j 11:47	0°♓	
asc. node	-1055 Mar 06 j 09:09	14°♓20'02	
evening rise	-1055 Mar 06 j 12:16	14°♓36'07	
	-1055 Mar 14 j 11:01	0°♈	
evening max el	-1055 Mar 25 j 11:45	15°♈13'00	20°49'10
retrograde	-1055 Apr 05 j 19:42	20°♈40'08	
evening set	-1055 Apr 08 j 01:50	20°♈28'02	
desc. node	-1055 Apr 15 j 18:16	17°♈22'25	
inferior conj	-1055 Apr 17 j 06:57	16°♈30'33	0°-26'-6
minimum elong	-1055 Apr 17 j 05:43	16°♈32'19	0°25'40
min. Earth dist.	-1055 Apr 18 j 06:47	15°♈56'33	0.55109 AU
morning rise	-1055 Apr 26 j 08:28	12°♈21'34	
direct	-1055 Apr 29 j 17:49	11°♈56'42	
morning max el	-1055 May 12 j 20:40	18°♈16'48	22°51'30
	-1055 May 22 j 09:00	0°♉	
asc. node	-1055 Jun 02 j 08:26	19°♉42'21	
morning set	-1055 Jun 04 j 08:19	23°♉49'27	
	-1055 Jun 07 j 06:21	0°♊	
superior conj	-1055 Jun 11 j 13:01	9°♊08'44	1°23'26
minimum elong	-1055 Jun 11 j 10:28	8°♊55'14	1°23'07
max. Earth dist.	-1055 Jun 14 j 06:26	14°♊53'44	1.34021 AU
evening rise	-1055 Jun 19 j 07:47	25°♊10'16	
	-1055 Jun 21 j 19:34	0°♋	
	-1055 Jul 09 j 20:04	0°♌	
desc. node	-1055 Jul 12 j 17:34	4°♌00'51	
evening max el	-1055 Jul 23 j 16:22	16°♌47'14	27°15'59
retrograde	-1055 Aug 06 j 02:33	24°♌07'02	
evening set	-1055 Aug 13 j 03:19	21°♌22'11	
min. Earth dist.	-1055 Aug 16 j 21:40	17°♌48'22	0.64664 AU
inferior conj	-1055 Aug 19 j 03:08	15°♌21'48	-3°-8'-8
minimum elong	-1055 Aug 19 j 07:26	15°♌10'01	3°06'50
morning rise	-1055 Aug 25 j 13:11	9°♌50'37	
direct	-1055 Aug 28 j 04:51	9°♌13'40	
asc. node	-1055 Aug 29 j 07:38	9°♌20'15	
morning max el	-1055 Sep 03 j 17:04	12°♌42'35	18°04'40
	-1055 Sep 15 j 17:11	0°♍	
morning set	-1055 Sep 21 j 11:46	9°♍41'24	
	-1055 Oct 03 j 19:01	0°♎	
superior conj	-1055 Oct 05 j 05:10	2°♎17'27	0°22'43
minimum elong	-1055 Oct 05 j 07:50	2°♎28'10	0°22'21
desc. node	-1055 Oct 08 j 16:56	7°♎51'50	
max. Earth dist.	-1055 Oct 09 j 12:00	9°♎07'26	1.44610 AU
evening rise	-1055 Oct 21 j 17:46	28°♎14'48	
	-1055 Oct 22 j 21:01	0°♏	
greatest brilliancy	-1055 Nov 09 j 11:43	26°♏25'41	-0.6m
	-1055 Nov 12 j 03:04	0°♐	
evening max el	-1055 Nov 16 j 15:53	5°♐22'09	19°58'57
retrograde	-1055 Nov 24 j 06:30	9°♐49'23	
asc. node	-1055 Nov 25 j 06:53	9°♐43'29	
evening set	-1055 Nov 27 j 19:54	8°♐35'27	
inferior conj	-1055 Dec 03 j 08:40	2°♐31'13	2°31'28
minimum elong	-1055 Dec 03 j 05:53	2°♐40'29	2°30'34
min. Earth dist.	-1055 Dec 04 j 06:18	1°♐19'15	0.66713 AU
	-1055 Dec 05 j 06:36	30°℞♏	
morning rise	-1055 Dec 08 j 15:17	26°♏16'32	
direct	-1055 Dec 14 j 11:54	23°♏42'08	
	-1055 Dec 25 j 14:28	0°♐	
morning max el	-1055 Dec 26 j 08:46	0°♐45'13	25°13'59
desc. node	-1054 Jan 04 j 16:11	11°♐41'27	
	-1054 Jan 17 j 10:35	0°♑	
morning set	-1054 Jan 31 j 13:36	23°♑34'38	
	-1054 Feb 04 j 01:47	0°♒	
max. Earth dist.	-1054 Feb 04 j 07:41	0°♒27'37	1.36642 AU
superior conj	-1054 Feb 10 j 09:52	12°♒11'28	-1°-34'-50
minimum elong	-1054 Feb 10 j 13:33	12°♒29'38	1°34'25
evening rise	-1054 Feb 18 j 16:13	28°♒50'17	
	-1054 Feb 19 j 06:05	0°♓	
asc. node	-1054 Feb 21 j 06:11	3°♓59'02	
evening max el	-1054 Mar 08 j 00:05	26°♓49'57	19°39'13
	-1054 Mar 12 j 05:24	0°♈	
retrograde	-1054 Mar 17 j 15:03	1°♈26'22	
evening set	-1054 Mar 19 j 19:19	1°♈13'16	
	-1054 Mar 23 j 09:59	30°℞♓	
inferior conj	-1054 Mar 28 j 09:36	27°♓09'26	1°26'30

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1054 Mar 28 j 13:02	27°♓03'59	1°25'23
min. Earth dist.	-1054 Mar 30 j 21:02	25°♓35'53	0.55933 AU
desc. node	-1054 Apr 02 j 15:18	24°♓00'47	
morning rise	-1054 Apr 06 j 03:21	22°♓31'14	
direct	-1054 Apr 10 j 12:09	21°♓48'36	
morning max el	-1054 Apr 24 j 12:12	28°♓50'39	24°32'03
	-1054 Apr 25 j 16:18	0°♈	
	-1054 May 15 j 12:25	0°♉	
morning set	-1054 May 19 j 20:21	8°♉49'22	
asc. node	-1054 May 20 j 05:30	9°♉37'30	
superior conj	-1054 May 26 j 21:47	24°♉01'58	1°05'12
minimum elong	-1054 May 26 j 19:24	23°♉49'03	1°04'48
max. Earth dist.	-1054 May 28 j 11:41	27°♉26'44	1.33109 AU
	-1054 May 29 j 16:17	0°♊	
evening rise	-1054 Jun 03 j 05:49	9°♊31'31	
	-1054 Jun 14 j 04:14	0°♋	
desc. node	-1054 Jun 29 j 14:34	22°♋41'34	
evening max el	-1054 Jul 06 j 02:09	29°♋46'28	27°24'36
	-1054 Jul 06 j 07:51	0°♌	
retrograde	-1054 Jul 19 j 19:43	7°♌06'24	
evening set	-1054 Jul 27 j 00:31	4°♌31'39	
min. Earth dist.	-1054 Jul 30 j 14:35	1°♌29'49	0.63042 AU
	-1054 Aug 01 j 03:24	30°℞♋	
inferior conj	-1054 Aug 02 j 09:22	28°♋45'33	-3°-52'-58
minimum elong	-1054 Aug 02 j 13:49	28°♋34'36	3°51'58
morning rise	-1054 Aug 09 j 05:23	23°♋33'03	
direct	-1054 Aug 11 j 17:28	23°♋03'35	
asc. node	-1054 Aug 16 j 04:42	24°♋38'39	
morning max el	-1054 Aug 18 j 08:36	26°♋28'27	17°54'00
	-1054 Aug 21 j 09:33	0°♌	
morning set	-1054 Sep 03 j 18:42	21°♌58'05	
	-1054 Sep 08 j 08:28	0°♍	
superior conj	-1054 Sep 15 j 13:01	12°♍17'16	1°02'57
minimum elong	-1054 Sep 15 j 18:12	12°♍39'00	1°02'20
max. Earth dist.	-1054 Sep 22 j 03:41	23°♍09'03	1.43554 AU
desc. node	-1054 Sep 25 j 13:57	28°♍38'04	
	-1054 Sep 26 j 10:39	0°♎	
evening rise	-1054 Sep 30 j 23:55	7°♎07'16	
	-1054 Oct 16 j 05:12	0°♏	
greatest brilliancy	-1054 Oct 25 j 06:24	12°♏30'42	-0.5m
evening max el	-1054 Oct 30 j 15:51	18°♏49'33	21°04'57
retrograde	-1054 Nov 08 j 03:54	23°♏52'18	
evening set	-1054 Nov 12 j 03:25	22°♏22'35	
asc. node	-1054 Nov 12 j 03:55	22°♏21'37	
inferior conj	-1054 Nov 17 j 13:36	16°♏08'13	1°46'57
minimum elong	-1054 Nov 17 j 11:23	16°♏15'51	1°46'07
min. Earth dist.	-1054 Nov 17 j 23:23	15°♏34'37	0.67312 AU
morning rise	-1054 Nov 22 j 18:59	9°♏52'18	
direct	-1054 Nov 28 j 00:15	7°♏37'44	
morning max el	-1054 Dec 08 j 17:31	14°♏01'10	23°48'23
	-1054 Dec 21 j 16:55	0°♐	
desc. node	-1054 Dec 22 j 13:15	1°♐10'45	
	-1053 Jan 10 j 08:25	0°♑	
morning set	-1053 Jan 13 j 03:31	4°♑42'36	
max. Earth dist.	-1053 Jan 17 j 03:20	11°♑38'55	1.38661 AU
superior conj	-1053 Jan 24 j 11:16	25°♑03'47	-1°-51'-46
minimum elong	-1053 Jan 24 j 14:17	25°♑17'59	1°51'37
	-1053 Jan 27 j 01:26	0°♒	
evening rise	-1053 Feb 02 j 13:01	12°♒37'37	
asc. node	-1053 Feb 08 j 03:14	23°♒16'56	
	-1053 Feb 12 j 00:35	0°♓	
evening max el	-1053 Feb 18 j 22:41	9°♓03'36	18°48'45
retrograde	-1053 Feb 27 j 02:47	13°♓00'49	
evening set	-1053 Mar 01 j 10:37	12°♓42'50	
inferior conj	-1053 Mar 09 j 06:44	8°♓22'22	2°49'29
minimum elong	-1053 Mar 09 j 11:11	8°♓14'12	2°48'25
min. Earth dist.	-1053 Mar 12 j 13:35	5°♓58'49	0.57506 AU
morning rise	-1053 Mar 17 j 07:38	3°♓12'06	
desc. node	-1053 Mar 20 j 12:22	2°♓11'14	
direct	-1053 Mar 22 j 20:05	1°♓57'58	
morning max el	-1053 Apr 06 j 03:50	9°♓26'50	26°03'11
	-1053 Apr 21 j 16:59	0°♈	
morning set	-1053 May 04 j 07:55	23°♈47'40	
asc. node	-1053 May 07 j 02:32	29°♈42'48	
	-1053 May 07 j 05:43	0°♉	
superior conj	-1053 May 11 j 08:56	9°♉01'22	0°43'43
minimum elong	-1053 May 11 j 07:08	8°♉51'32	0°43'21
max. Earth dist.	-1053 May 11 j 22:31	10°♉15'43	1.32570 AU
evening rise	-1053 May 18 j 10:37	24°♉12'26	
	-1053 May 21 j 06:56	0°♊	
	-1053 Jun 08 j 00:06	0°♋	
desc. node	-1053 Jun 16 j 11:36	10°♋19'48	
evening max el	-1053 Jun 18 j 07:26	12°♋08'59	27°00'49
retrograde	-1053 Jul 02 j 06:08	19°♋27'15	
evening set	-1053 Jul 09 j 05:13	17°♋16'51	
min. Earth dist.	-1053 Jul 12 j 21:21	14°♋35'01	0.61119 AU
inferior conj	-1053 Jul 16 j 02:41	11°♋47'25	-4°-25'-52
minimum elong	-1053 Jul 16 j 05:50	11°♋40'31	4°25'29
morning rise	-1053 Jul 23 j 09:28	6°♋56'20	
direct	-1053 Jul 25 j 20:14	6°♋32'03	
morning max el	-1053 Aug 01 j 22:06	10°♋02'06	18°02'03
asc. node	-1053 Aug 03 j 01:47	11°♋13'51	
	-1053 Aug 15 j 01:00	0°♌	
morning set	-1053 Aug 17 j 19:34	5°♌06'16	
superior conj	-1053 Aug 28 j 00:13	23°♌38'02	1°29'57
minimum elong	-1053 Aug 28 j 04:27	23°♌56'41	1°29'34
	-1053 Aug 31 j 16:05	0°♍	
max. Earth dist.	-1053 Sep 04 j 13:42	6°♍35'27	1.41958 AU
evening rise	-1053 Sep 10 j 14:40	16°♍25'43	
desc. node	-1053 Sep 12 j 10:58	19°♍21'15	
	-1053 Sep 19 j 08:41	0°♎	
greatest brilliancy	-1053 Oct 08 j 16:17	26°♎57'20	-0.3m
	-1053 Oct 11 j 06:39	0°♏	
evening max el	-1053 Oct 13 j 10:01	2°♏17'17	22°20'44
retrograde	-1053 Oct 22 j 23:34	7°♏58'37	
evening set	-1053 Oct 27 j 11:14	6°♏11'21	
asc. node	-1053 Oct 30 j 00:59	3°♏33'50	
inferior conj	-1053 Nov 01 j 20:23	29°♎50'41	0°57'26
minimum elong	-1053 Nov 01 j 19:05	29°♎55'11	0°56'53
	-1053 Nov 01 j 17:42	30°℞♎	
min. Earth dist.	-1053 Nov 01 j 19:29	29°♎53'48	0.67579 AU
morning rise	-1053 Nov 07 j 02:48	23°♎36'00	
direct	-1053 Nov 11 j 16:55	21°♎43'41	
morning max el	-1053 Nov 21 j 04:50	27°♎21'26	22°21'18
	-1053 Nov 23 j 15:46	0°♏	
greatest brilliancy	-1053 Nov 25 j 20:34	2°♏35'28	-0.3m
desc. node	-1053 Dec 09 j 10:18	21°♏07'10	
	-1053 Dec 15 j 08:41	0°♐	
morning set	-1053 Dec 24 j 12:59	14°♐26'45	
max. Earth dist.	-1053 Dec 30 j 00:01	23°♐28'43	1.40760 AU
	-1052 Jan 02 j 19:24	0°♑	
superior conj	-1052 Jan 06 j 19:05	7°♑02'08	-1°-59'-59
minimum elong	-1052 Jan 06 j 19:41	7°♑04'47	2°00'01
evening rise	-1052 Jan 16 j 23:34	25°♑50'28	
	-1052 Jan 19 j 04:54	0°♒	
asc. node	-1052 Jan 26 j 00:18	12°♒06'37	
evening max el	-1052 Feb 02 j 05:00	21°♒47'15	18°18'25
retrograde	-1052 Feb 09 j 09:05	25°♒21'03	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening set	-1052 Feb 11 j 21:16	24°♒55'56	
inferior conj	-1052 Feb 19 j 00:49	20°♒14'33	3°36'32
minimum elong	-1052 Feb 19 j 03:31	20°♒08'45	3°36'11
min. Earth dist.	-1052 Feb 22 j 10:30	17°♒21'22	0.59502 AU
morning rise	-1052 Feb 26 j 06:19	14°♒40'00	
direct	-1052 Mar 03 j 17:09	12°♒47'27	
desc. node	-1052 Mar 06 j 09:26	13°♒06'12	
morning max el	-1052 Mar 18 j 00:07	20°♒30'12	27°10'10
	-1052 Mar 26 j 04:40	0°♓	
	-1052 Apr 13 j 10:36	0°♈	
morning set	-1052 Apr 17 j 17:18	8°♈38'20	
asc. node	-1052 Apr 22 j 23:36	19°♈53'49	
superior conj	-1052 Apr 24 j 20:44	24°♈00'51	0°19'47
minimum elong	-1052 Apr 24 j 19:52	23°♈56'02	0°19'35
max. Earth dist.	-1052 Apr 24 j 11:28	23°♈10'03	1.32395 AU
	-1052 Apr 27 j 14:18	0°♉	
evening rise	-1052 May 01 j 19:46	9°♉04'54	
	-1052 May 12 j 17:00	0°♊	
evening max el	-1052 May 30 j 06:32	23°♊48'04	26°04'52
desc. node	-1052 Jun 02 j 08:38	26°♊29'21	
	-1052 Jun 08 j 05:36	0°♋	
retrograde	-1052 Jun 13 j 08:04	1°♋02'15	
	-1052 Jun 18 j 08:43	30°℞♊	
evening set	-1052 Jun 19 j 12:58	29°♊28'08	
min. Earth dist.	-1052 Jun 23 j 19:20	26°♊49'04	0.59064 AU
inferior conj	-1052 Jun 27 j 03:26	24°♊18'13	-4°-38'-26
minimum elong	-1052 Jun 27 j 03:25	24°♊18'16	4°38'26
morning rise	-1052 Jul 04 j 21:30	19°♊49'36	
direct	-1052 Jul 07 j 08:55	19°♊28'46	
morning max el	-1052 Jul 15 j 06:30	23°♊14'55	18°29'55
asc. node	-1052 Jul 19 j 22:50	28°♊50'29	
	-1052 Jul 20 j 17:57	0°♋	
morning set	-1052 Jul 31 j 09:26	18°♋53'04	
	-1052 Aug 06 j 04:18	0°♌	
superior conj	-1052 Aug 09 j 10:32	6°♌07'50	1°44'08
minimum elong	-1052 Aug 09 j 12:31	6°♌17'03	1°44'03
max. Earth dist.	-1052 Aug 16 j 18:28	19°♌19'14	1.40040 AU
evening rise	-1052 Aug 21 j 03:43	26°♌47'37	
	-1052 Aug 23 j 02:12	0°♍	
desc. node	-1052 Aug 29 j 07:59	9°♍57'54	
	-1052 Sep 12 j 00:25	0°♎	
evening max el	-1052 Sep 24 j 23:49	15°♎47'41	23°40'58
retrograde	-1052 Oct 05 j 16:04	22°♎05'31	
evening set	-1052 Oct 10 j 17:39	19°♎59'46	
min. Earth dist.	-1052 Oct 15 j 16:02	14°♎14'53	0.67537 AU
asc. node	-1052 Oct 15 j 22:03	13°♎54'19	
inferior conj	-1052 Oct 16 j 03:13	13°♎36'42	0°04'27
minimum elong	-1052 Oct 16 j 03:06	13°♎37'04	0°04'24
transit middle	-1052 Oct 16 j 03:06	13°♎37'04	0°04'24
transit begin	-1052 Oct 16 j 00:29	13°♎46'00	
transit end	-1052 Oct 16 j 05:43	13°♎28'10	
morning rise	-1052 Oct 21 j 12:40	7°♎26'05	
direct	-1052 Oct 25 j 12:54	5°♎55'32	
morning max el	-1052 Nov 02 j 22:00	10°♎49'30	21°00'34
greatest brilliancy	-1052 Nov 08 j 12:32	17°♎21'44	-0.5m
	-1052 Nov 17 j 15:34	0°♏	
desc. node	-1052 Nov 25 j 07:19	11°♏22'41	
morning set	-1052 Dec 02 j 19:36	22°♏56'14	
	-1052 Dec 07 j 06:53	0°♐	
max. Earth dist.	-1052 Dec 11 j 03:39	6°♐14'03	1.42660 AU
superior conj	-1052 Dec 18 j 03:42	17°♐52'29	-1°-55'-11
minimum elong	-1052 Dec 18 j 00:03	17°♐37'00	1°55'02
	-1052 Dec 25 j 03:41	0°♑	
evening rise	-1052 Dec 29 j 19:57	8°♑19'50	

asc. node	-1051 Jan 11 j 21:21	0°♒18'21	
	-1051 Jan 11 j 16:06	0°♒	
evening max el	-1051 Jan 15 j 15:52	4°♒50'49	18°07'49
retrograde	-1051 Jan 22 j 07:03	8°♒16'24	
evening set	-1051 Jan 24 j 23:14	7°♒42'53	
inferior conj	-1051 Jan 31 j 13:23	2°♒39'41	3°53'23
minimum elong	-1051 Jan 31 j 13:41	2°♒38'56	3°53'22
	-1051 Feb 03 j 06:34	30°℞♑	
min. Earth dist.	-1051 Feb 03 j 14:14	29°♑41'53	0.61576 AU
morning rise	-1051 Feb 07 j 01:41	26°♑49'08	
direct	-1051 Feb 14 j 00:18	24°♑23'28	
desc. node	-1051 Feb 21 j 06:30	26°♑41'59	
	-1051 Feb 25 j 17:32	0°♒	
morning max el	-1051 Feb 28 j 02:29	2°♒12'13	27°43'19
	-1051 Mar 20 j 11:59	0°♓	
morning set	-1051 Apr 01 j 22:31	23°♓13'35	
	-1051 Apr 05 j 04:27	0°♈	
max. Earth dist.	-1051 Apr 07 j 22:43	5°♈55'41	1.32583 AU
superior conj	-1051 Apr 09 j 07:26	8°♈53'25	0°-5'-49
minimum elong	-1051 Apr 09 j 07:42	8°♈54'53	0°05'47
behind sun begin	-1051 Apr 09 j 02:56	8°♈28'53	
behind sun end	-1051 Apr 09 j 12:28	9°♈20'54	
asc. node	-1051 Apr 09 j 20:40	10°♈05'32	
evening rise	-1051 Apr 16 j 07:07	24°♈00'38	
	-1051 Apr 19 j 04:30	0°♉	
	-1051 May 07 j 13:30	0°♊	
evening max el	-1051 May 11 j 23:33	4°♊46'32	24°43'26
desc. node	-1051 May 20 j 05:40	10°♊35'53	
retrograde	-1051 May 25 j 22:48	11°♊50'43	
evening set	-1051 May 30 j 21:55	10°♊54'57	
min. Earth dist.	-1051 Jun 05 j 11:13	8°♊02'00	0.57147 AU
inferior conj	-1051 Jun 08 j 08:36	6°♊08'41	-4°-19'-7
minimum elong	-1051 Jun 08 j 04:11	6°♊15'58	4°18'32
morning rise	-1051 Jun 16 j 14:20	2°♊00'41	
direct	-1051 Jun 19 j 03:43	1°♊42'12	
morning max el	-1051 Jun 28 j 06:51	5°♊57'16	19°18'35
asc. node	-1051 Jul 06 j 19:53	17°♊14'39	
	-1051 Jul 13 j 18:20	0°♋	
morning set	-1051 Jul 15 j 08:28	3°♋08'30	
superior conj	-1051 Jul 23 j 14:13	19°♋30'43	1°47'45
minimum elong	-1051 Jul 23 j 14:06	19°♋30'04	1°47'46
	-1051 Jul 29 j 02:40	0°♌	
max. Earth dist.	-1051 Jul 29 j 21:25	1°♌26'21	1.38046 AU
evening rise	-1051 Aug 02 j 17:56	8°♌21'50	
	-1051 Aug 15 j 22:47	0°♍	
desc. node	-1051 Aug 16 j 04:59	0°♍23'36	
evening max el	-1051 Sep 07 j 11:30	29°♍22'08	24°58'58
	-1051 Sep 08 j 03:07	0°♎	
retrograde	-1051 Sep 19 j 04:27	6°♎09'49	
evening set	-1051 Sep 24 j 20:58	3°♎46'17	
	-1051 Sep 28 j 08:39	30°℞♍	
min. Earth dist.	-1051 Sep 29 j 10:34	28°♍36'28	0.67179 AU
inferior conj	-1051 Sep 30 j 08:21	27°♍24'42	0°-50'-24
minimum elong	-1051 Sep 30 j 09:36	27°♍20'37	0°49'54
asc. node	-1051 Oct 02 j 19:05	24°♍19'13	
morning rise	-1051 Oct 05 j 22:41	21°♍21'10	
direct	-1051 Oct 09 j 10:51	20°♍10'08	
morning max el	-1051 Oct 16 j 22:49	24°♍28'11	19°51'34
	-1051 Oct 21 j 15:57	0°♎	
greatest brilliancy	-1051 Oct 24 j 15:30	4°♎01'43	-0.6m
	-1051 Nov 10 j 23:19	0°♏	
morning set	-1051 Nov 11 j 16:34	1°♏06'39	
desc. node	-1051 Nov 12 j 04:20	1°♏52'11	
max. Earth dist.	-1051 Nov 23 j 15:15	19°♏50'02	1.44090 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1051 Nov 28 j 09:20	27°♏28'03	-1°-33'-18
minimum elong	-1051 Nov 28 j 01:46	26°♏57'23	1°32'39
	-1051 Nov 29 j 22:44	0°♐	
evening rise	-1051 Dec 11 j 21:58	19°♐58'39	
	-1051 Dec 17 j 19:20	0°♑	
asc. node	-1051 Dec 29 j 18:23	17°♑41'13	
evening max el	-1051 Dec 30 j 04:23	18°♑07'09	18°16'19
retrograde	-1050 Jan 05 j 16:24	21°♑37'28	
evening set	-1050 Jan 08 j 12:45	20°♑54'41	
inferior conj	-1050 Jan 14 j 16:39	15°♑30'54	3°47'56
minimum elong	-1050 Jan 14 j 15:05	15°♑35'14	3°47'46
min. Earth dist.	-1050 Jan 17 j 03:17	12°♑49'37	0.63465 AU
morning rise	-1050 Jan 20 j 15:47	9°♑29'38	
direct	-1050 Jan 27 j 15:29	6°♑43'57	
desc. node	-1050 Feb 08 j 03:33	12°♑25'41	
morning max el	-1050 Feb 10 j 09:48	14°♑33'08	27°39'41
	-1050 Feb 22 j 23:55	0°♒	
	-1050 Mar 13 j 01:36	0°♓	
morning set	-1050 Mar 16 j 21:12	7°♓25'32	
max. Earth dist.	-1050 Mar 22 j 04:21	18°♓19'16	1.33154 AU
superior conj	-1050 Mar 24 j 15:17	23°♓33'07	0°-32'-11
minimum elong	-1050 Mar 24 j 16:48	23°♓41'15	0°31'53
asc. node	-1050 Mar 27 j 17:42	0°♈13'53	
	-1050 Mar 27 j 15:07	0°♈	
evening rise	-1050 Mar 31 j 18:48	8°♈52'59	
	-1050 Apr 11 j 21:09	0°♉	
evening max el	-1050 Apr 23 j 14:31	15°♉23'21	23°09'17
retrograde	-1050 May 07 j 00:59	22°♉04'02	
desc. node	-1050 May 07 j 02:42	22°♉04'01	
evening set	-1050 May 10 j 14:19	21°♉36'20	
min. Earth dist.	-1050 May 18 j 00:19	18°♉16'32	0.55703 AU
inferior conj	-1050 May 19 j 18:08	17°♉15'29	-3°-17'-15
minimum elong	-1050 May 19 j 11:12	17°♉25'38	3°15'27
morning rise	-1050 May 28 j 11:14	13°♉20'27	
direct	-1050 May 31 j 03:44	13°♉03'05	
morning max el	-1050 Jun 10 j 20:54	18°♉00'59	20°27'56
	-1050 Jun 20 j 02:57	0°♊	
asc. node	-1050 Jun 23 j 16:56	6°♊14'56	
morning set	-1050 Jun 29 j 13:46	17°♊44'24	
	-1050 Jul 05 j 12:44	0°♋	
superior conj	-1050 Jul 07 j 06:20	3°♋32'15	1°43'06
minimum elong	-1050 Jul 07 j 04:44	3°♋24'06	1°43'02
max. Earth dist.	-1050 Jul 12 j 03:48	13°♋15'32	1.36216 AU
evening rise	-1050 Jul 16 j 05:49	20°♋59'36	
	-1050 Jul 21 j 06:25	0°♌	
desc. node	-1050 Aug 03 j 02:00	20°♌32'06	
	-1050 Aug 09 j 20:22	0°♍	
evening max el	-1050 Aug 20 j 22:49	12°♍57'23	26°07'09
retrograde	-1050 Sep 02 j 12:08	20°♍05'33	
evening set	-1050 Sep 08 j 19:15	17°♍27'36	
min. Earth dist.	-1050 Sep 13 j 00:41	12°♍55'05	0.66485 AU
inferior conj	-1050 Sep 14 j 09:59	11°♍11'17	-1°-45'-36
minimum elong	-1050 Sep 14 j 12:36	11°♍03'06	1°44'35
asc. node	-1050 Sep 19 j 16:07	5°♍41'38	
morning rise	-1050 Sep 20 j 06:50	5°♍17'56	
direct	-1050 Sep 23 j 09:05	4°♍23'04	
morning max el	-1050 Sep 30 j 06:39	8°♍15'05	18°57'09
	-1050 Oct 15 j 17:58	0°♎	
morning set	-1050 Oct 22 j 04:04	10°♎06'15	
desc. node	-1050 Oct 30 j 01:21	22°♎30'47	
	-1050 Nov 03 j 19:43	0°♏	
max. Earth dist.	-1050 Nov 06 j 08:01	3°♏57'12	1.44866 AU
superior conj	-1050 Nov 07 j 15:54	6°♏02'49	0°-54'-2
minimum elong	-1050 Nov 07 j 09:15	5°♏36'36	0°53'15
	-1050 Nov 22 j 15:43	0°♐	
evening rise	-1050 Nov 23 j 01:27	0°♐39'30	
	-1050 Dec 12 j 06:55	0°♑	
evening max el	-1050 Dec 13 j 15:54	1°♑30'30	18°43'07
asc. node	-1050 Dec 16 j 15:24	4°♑01'37	
retrograde	-1050 Dec 20 j 08:57	5°♑16'19	
evening set	-1050 Dec 23 j 10:29	4°♑23'00	
	-1050 Dec 28 j 04:28	30°℞♐	
inferior conj	-1050 Dec 29 j 06:50	28°♐41'11	3°26'40
minimum elong	-1050 Dec 29 j 04:14	28°♐49'04	3°26'09
min. Earth dist.	-1050 Dec 31 j 02:14	26°♐29'57	0.65023 AU
morning rise	-1049 Jan 03 j 20:51	22°♐32'35	
direct	-1049 Jan 10 j 13:38	19°♐41'38	
morning max el	-1049 Jan 23 j 19:29	27°♐23'30	27°02'24
desc. node	-1049 Jan 26 j 00:35	29°♐42'26	
	-1049 Jan 26 j 07:00	0°♑	
	-1049 Feb 16 j 15:49	0°♒	
morning set	-1049 Feb 28 j 10:16	21°♒04'33	
	-1049 Mar 04 j 22:29	0°♓	
max. Earth dist.	-1049 Mar 05 j 00:29	0°♓10'11	1.34150 AU
superior conj	-1049 Mar 08 j 18:20	7°♓53'45	0°-58'-14
minimum elong	-1049 Mar 08 j 21:02	8°♓07'50	0°57'45
asc. node	-1049 Mar 14 j 14:44	20°♓14'51	
evening rise	-1049 Mar 16 j 05:05	23°♓35'46	
	-1049 Mar 19 j 08:15	0°♈	
evening max el	-1049 Apr 05 j 10:27	26°♈08'42	21°37'03
	-1049 Apr 10 j 10:02	0°♉	
retrograde	-1049 Apr 17 j 17:02	2°♉06'54	
evening set	-1049 Apr 20 j 05:37	1°♉52'30	
desc. node	-1049 Apr 23 j 23:44	0°♉43'07	
	-1049 Apr 25 j 13:53	30°℞♈	
inferior conj	-1049 Apr 29 j 14:31	27°♈50'34	-1°-34'-46
minimum elong	-1049 Apr 29 j 10:08	27°♈56'43	1°33'16
min. Earth dist.	-1049 Apr 29 j 13:27	27°♈52'03	0.55044 AU
morning rise	-1049 May 08 j 15:21	23°♈52'09	
direct	-1049 May 11 j 15:25	23°♈32'23	
morning max el	-1049 May 24 j 00:08	29°♈23'05	21°55'27
	-1049 May 24 j 15:36	0°♉	
asc. node	-1049 Jun 10 j 13:59	25°♉42'31	
	-1049 Jun 12 j 17:08	0°♊	
morning set	-1049 Jun 13 j 23:10	2°♊34'47	
superior conj	-1049 Jun 21 j 07:08	18°♊01'34	1°32'05
minimum elong	-1049 Jun 21 j 04:46	17°♊49'06	1°31'52
max. Earth dist.	-1049 Jun 24 j 18:29	25°♊12'40	1.34709 AU
	-1049 Jun 27 j 03:37	0°♋	
evening rise	-1049 Jun 29 j 10:28	4°♋28'28	
	-1049 Jul 14 j 01:05	0°♌	
desc. node	-1049 Jul 20 j 23:01	10°♌15'55	
evening max el	-1049 Aug 03 j 10:28	26°♌27'36	26°57'40
	-1049 Aug 07 j 12:59	0°♍	
retrograde	-1049 Aug 16 j 14:46	3°♍46'15	
evening set	-1049 Aug 23 j 10:14	1°♍00'52	
	-1049 Aug 24 j 13:58	30°℞♌	
min. Earth dist.	-1049 Aug 27 j 08:11	27°♌06'09	0.65436 AU
inferior conj	-1049 Aug 29 j 06:06	24°♌53'25	-2°-39'-8
minimum elong	-1049 Aug 29 j 09:55	24°♌42'23	2°37'49
morning rise	-1049 Sep 04 j 10:58	19°♌13'18	
asc. node	-1049 Sep 06 j 13:10	18°♌33'33	
direct	-1049 Sep 07 j 05:41	18°♌30'57	
morning max el	-1049 Sep 13 j 19:33	22°♌06'05	18°18'51
	-1049 Sep 20 j 00:06	0°♍	
morning set	-1049 Oct 02 j 19:01	20°♍27'38	
	-1049 Oct 08 j 15:36	0°♎	
desc. node	-1049 Oct 16 j 22:22	13°♎14'56	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1049 Oct 17 j 16:45	14°♎27'41	0°-5'00
minimum elong	-1049 Oct 17 j 16:05	14°♎25'05	0°04'55
behind sun begin	-1049 Oct 17 j 05:24	13°♎42'49	
behind sun end	-1049 Oct 18 j 02:47	15°♎07'20	
max. Earth dist.	-1049 Oct 20 j 02:23	18°♎15'07	1.44912 AU
	-1049 Oct 27 j 14:07	0°♏	
evening rise	-1049 Nov 03 j 05:01	10°♏21'15	
	-1049 Nov 15 j 21:05	0°♐	
greatest brilliancy	-1049 Nov 18 j 02:42	3°♐20'21	-0.7m
evening max el	-1049 Nov 27 j 00:13	14°♐57'17	19°26'56
asc. node	-1049 Dec 03 j 12:25	19°♐04'40	
retrograde	-1049 Dec 04 j 05:19	19°♐07'28	
evening set	-1049 Dec 07 j 13:44	18°♐01'50	
inferior conj	-1049 Dec 13 j 04:44	12°♐04'56	2°54'05
minimum elong	-1049 Dec 13 j 01:50	12°♐14'18	2°53'17
min. Earth dist.	-1049 Dec 14 j 09:55	10°♐30'27	0.66203 AU
morning rise	-1049 Dec 18 j 13:10	5°♐51'40	
direct	-1049 Dec 24 j 18:02	3°♐08'14	
morning max el	-1048 Jan 06 j 04:52	10°♐30'08	25°58'43
desc. node	-1048 Jan 12 j 21:38	18°♐05'10	
	-1048 Jan 21 j 17:38	0°♑	
	-1048 Feb 09 j 05:28	0°♒	
morning set	-1048 Feb 11 j 09:30	3°♒57'29	
max. Earth dist.	-1048 Feb 15 j 08:35	11°♒26'30	1.35606 AU
superior conj	-1048 Feb 20 j 14:06	21°♒47'32	-1°-22'-28
minimum elong	-1048 Feb 20 j 17:37	22°♒05'20	1°21'59
	-1048 Feb 24 j 14:19	0°♓	
evening rise	-1048 Feb 28 j 11:58	8°♓02'10	
asc. node	-1048 Feb 29 j 11:46	10°♓03'21	
	-1048 Mar 11 j 14:12	0°♈	
evening max el	-1048 Mar 17 j 16:27	7°♈24'34	20°17'14
retrograde	-1048 Mar 28 j 07:09	12°♈29'25	
evening set	-1048 Mar 30 j 11:02	12°♈17'41	
inferior conj	-1048 Apr 08 j 10:48	8°♈19'34	0°24'03
minimum elong	-1048 Apr 08 j 11:53	8°♈17'57	0°23'39
desc. node	-1048 Apr 09 j 20:47	7°♈29'17	
min. Earth dist.	-1048 Apr 10 j 03:30	7°♈19'26	0.55343 AU
morning rise	-1048 Apr 17 j 10:19	3°♈58'57	
direct	-1048 Apr 21 j 04:25	3°♈28'10	
morning max el	-1048 May 04 j 18:30	10°♈08'49	23°34'26
	-1048 May 19 j 09:39	0°♉	
asc. node	-1048 May 27 j 11:03	15°♉29'09	
morning set	-1048 May 28 j 10:43	17°♉32'29	
	-1048 Jun 03 j 06:25	0°♊	
superior conj	-1048 Jun 04 j 13:40	2°♊48'09	1°16'10
minimum elong	-1048 Jun 04 j 11:09	2°♊34'34	1°15'48
max. Earth dist.	-1048 Jun 06 j 18:43	7°♊31'10	1.33583 AU
evening rise	-1048 Jun 12 j 03:15	18°♊33'55	
	-1048 Jun 18 j 02:25	0°♋	
desc. node	-1048 Jul 06 j 20:03	29°♋23'48	
	-1048 Jul 07 j 07:17	0°♌	
evening max el	-1048 Jul 15 j 21:36	9°♌42'06	27°23'25
retrograde	-1048 Jul 29 j 11:44	17°♌03'01	
evening set	-1048 Aug 05 j 14:59	14°♌20'52	
min. Earth dist.	-1048 Aug 09 j 07:02	11°♌01'28	0.64015 AU
inferior conj	-1048 Aug 11 j 18:14	8°♌25'54	-3°-28'-16
minimum elong	-1048 Aug 11 j 22:43	8°♌14'05	3°27'02
morning rise	-1048 Aug 18 j 08:24	3°♌02'11	
direct	-1048 Aug 20 j 22:08	2°♌28'54	
asc. node	-1048 Aug 23 j 10:14	3°♌00'43	
morning max el	-1048 Aug 27 j 10:53	5°♌55'24	17°57'49
	-1048 Sep 12 j 07:21	0°♍	
morning set	-1048 Sep 13 j 12:59	2°♍07'13	
superior conj	-1048 Sep 26 j 09:33	23°♍42'37	0°41'17
minimum elong	-1048 Sep 26 j 13:50	24°♍00'06	0°40'43
	-1048 Sep 30 j 06:52	0°♎	
max. Earth dist.	-1048 Oct 01 j 19:36	2°♎26'50	1.44237 AU
desc. node	-1048 Oct 02 j 19:24	4°♎01'30	
evening rise	-1048 Oct 12 j 14:42	19°♎20'53	
	-1048 Oct 19 j 13:56	0°♏	
greatest brilliancy	-1048 Nov 02 j 21:04	20°♏50'01	-0.5m
evening max el	-1048 Nov 09 j 03:38	28°♏25'28	20°25'41
	-1048 Nov 10 j 18:57	0°♐	
retrograde	-1048 Nov 17 j 02:51	3°♐07'11	
asc. node	-1048 Nov 19 j 09:28	2°♐37'32	
evening set	-1048 Nov 20 j 20:15	1°♐46'58	
	-1048 Nov 22 j 19:53	30°♑℞	
inferior conj	-1048 Nov 26 j 07:45	25°♏38'14	2°13'18
minimum elong	-1048 Nov 26 j 05:09	25°♏47'02	2°12'24
min. Earth dist.	-1048 Nov 27 j 00:16	24°♏42'25	0.67010 AU
morning rise	-1048 Dec 01 j 13:31	19°♏22'41	
direct	-1048 Dec 07 j 03:47	16°♏55'51	
morning max el	-1048 Dec 18 j 13:15	23°♏43'25	24°38'16
	-1048 Dec 24 j 03:38	0°♐	
desc. node	-1048 Dec 29 j 18:41	7°♐14'33	
	-1047 Jan 14 j 03:23	0°♑	
morning set	-1047 Jan 23 j 13:24	15°♑48'53	
max. Earth dist.	-1047 Jan 27 j 06:44	22°♑29'04	1.37471 AU
	-1047 Jan 31 j 07:37	0°♒	
superior conj	-1047 Feb 02 j 23:24	5°♒06'03	-1°-42'-51
minimum elong	-1047 Feb 03 j 02:58	5°♒23'21	1°42'33
evening rise	-1047 Feb 11 j 13:13	22°♒06'03	
asc. node	-1047 Feb 15 j 08:50	29°♒34'25	
	-1047 Feb 15 j 14:12	0°♓	
evening max el	-1047 Feb 28 j 09:32	19°♓18'31	19°15'21
retrograde	-1047 Mar 09 j 08:15	23°♓35'50	
evening set	-1047 Mar 11 j 13:54	23°♓20'58	
inferior conj	-1047 Mar 19 j 20:31	19°♓11'14	2°06'04
minimum elong	-1047 Mar 20 j 00:51	19°♓03'57	2°04'48
min. Earth dist.	-1047 Mar 22 j 18:36	17°♓14'25	0.56533 AU
desc. node	-1047 Mar 27 j 17:50	14°♓32'37	
morning rise	-1047 Mar 28 j 07:52	14°♓19'03	
direct	-1047 Apr 02 j 04:50	13°♓24'12	
morning max el	-1047 Apr 16 j 09:08	20°♓39'29	25°12'49
	-1047 Apr 24 j 09:41	0°♈	
	-1047 May 11 j 17:36	0°♉	
morning set	-1047 May 12 j 22:44	2°♉32'04	
asc. node	-1047 May 14 j 08:08	5°♉29'05	
superior conj	-1047 May 19 j 23:41	17°♉44'34	0°56'26
minimum elong	-1047 May 19 j 21:30	17°♉32'40	0°56'02
max. Earth dist.	-1047 May 21 j 02:45	20°♉11'51	1.32839 AU
	-1047 May 25 j 16:51	0°♊	
evening rise	-1047 May 27 j 04:31	3°♊04'44	
	-1047 Jun 10 j 22:00	0°♋	
desc. node	-1047 Jun 23 j 17:05	17°♋40'36	
evening max el	-1047 Jun 28 j 06:02	22°♋27'49	27°18'37
retrograde	-1047 Jul 12 j 02:06	29°♋46'36	
evening set	-1047 Jul 19 j 05:41	27°♋20'55	
min. Earth dist.	-1047 Jul 22 j 19:44	24°♋29'06	0.62253 AU
inferior conj	-1047 Jul 25 j 19:25	21°♋41'36	-4°-8'-50
minimum elong	-1047 Jul 25 j 23:31	21°♋31'58	4°08'05
morning rise	-1047 Aug 01 j 19:53	16°♋37'35	
direct	-1047 Aug 04 j 07:10	16°♋10'31	
asc. node	-1047 Aug 10 j 07:19	18°♋53'27	
morning max el	-1047 Aug 11 j 01:50	19°♋36'35	17°55'01
	-1047 Aug 18 j 17:28	0°♌	
morning set	-1047 Aug 27 j 04:18	14°♌48'07	
	-1047 Sep 04 j 17:34	0°♍	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1047 Sep 07 j 05:13	4°♍17'17	1°16'05
minimum elong	-1047 Sep 07 j 10:18	4°♍39'00	1°15'32
max. Earth dist.	-1047 Sep 14 j 09:20	16°♍16'22	1.42935 AU
desc. node	-1047 Sep 19 j 16:24	24°♍47'01	
evening rise	-1047 Sep 21 j 22:20	28°♍19'07	
	-1047 Sep 23 j 00:12	0°♎	
	-1047 Oct 13 j 08:45	0°♏	
greatest brilliancy	-1047 Oct 18 j 02:43	6°♏13'52	-0.4m
evening max el	-1047 Oct 23 j 01:13	11°♏53'34	21°36'21
retrograde	-1047 Oct 31 j 23:34	17°♏12'00	
evening set	-1047 Nov 05 j 04:05	15°♏34'59	
asc. node	-1047 Nov 06 j 06:32	14°♏36'48	
inferior conj	-1047 Nov 10 j 13:41	9°♏17'43	1°26'27
minimum elong	-1047 Nov 10 j 11:49	9°♏24'10	1°25'42
min. Earth dist.	-1047 Nov 10 j 18:50	8°♏59'56	0.67471 AU
morning rise	-1047 Nov 15 j 19:16	3°♏02'13	
direct	-1047 Nov 20 j 18:07	0°♏56'54	
morning max el	-1047 Nov 30 j 22:31	7°♏00'26	23°10'58
greatest brilliancy	-1047 Dec 05 j 23:05	12°♏38'37	-0.3m
desc. node	-1047 Dec 16 j 15:42	26°♏56'28	
	-1047 Dec 18 j 18:32	0°♐	
morning set	-1046 Jan 04 j 15:35	26°♐21'24	
	-1046 Jan 06 j 19:30	0°♑	
max. Earth dist.	-1046 Jan 09 j 02:06	3°♑54'16	1.39568 AU
superior conj	-1046 Jan 16 j 17:57	17°♑37'06	-1°-56'-34
minimum elong	-1046 Jan 16 j 20:10	17°♑47'22	1°56'31
	-1046 Jan 23 j 07:23	0°♒	
evening rise	-1046 Jan 26 j 06:02	5°♒39'31	
asc. node	-1046 Feb 02 j 05:52	18°♒41'09	
	-1046 Feb 09 j 19:55	0°♓	
evening max el	-1046 Feb 11 j 11:45	1°♓45'43	18°33'21
retrograde	-1046 Feb 19 j 04:00	5°♓30'52	
evening set	-1046 Feb 21 j 13:53	5°♓09'54	
inferior conj	-1046 Mar 01 j 02:34	0°♓40'28	3°13'38
minimum elong	-1046 Mar 01 j 06:28	0°♓32'47	3°12'53
	-1046 Mar 01 j 23:06	30°♑♒	
min. Earth dist.	-1046 Mar 04 j 12:18	28°♒01'41	0.58331 AU
morning rise	-1046 Mar 08 j 19:13	25°♒19'04	
direct	-1046 Mar 14 j 18:21	23°♒48'55	
desc. node	-1046 Mar 14 j 14:53	23°♒48'58	
	-1046 Mar 27 j 14:13	0°♓	
morning max el	-1046 Mar 29 j 02:12	1°♓23'57	26°35'26
	-1046 Apr 18 j 10:46	0°♈	
morning set	-1046 Apr 27 j 09:36	17°♈27'50	
asc. node	-1046 May 01 j 05:12	25°♈37'22	
	-1046 May 03 j 05:19	0°♉	
superior conj	-1046 May 04 j 11:18	2°♉44'28	0°33'48
minimum elong	-1046 May 04 j 09:51	2°♉36'34	0°33'30
max. Earth dist.	-1046 May 04 j 15:08	3°♉05'33	1.32455 AU
evening rise	-1046 May 11 j 11:27	17°♉51'34	
	-1046 May 17 j 13:21	0°♊	
	-1046 Jun 06 j 01:44	0°♋	
evening max el	-1046 Jun 10 j 08:58	4°♋32'50	26°40'44
desc. node	-1046 Jun 10 j 14:07	4°♋45'02	
retrograde	-1046 Jun 24 j 08:47	11°♋48'56	
evening set	-1046 Jul 01 j 01:56	9°♋52'55	
min. Earth dist.	-1046 Jul 04 j 22:21	7°♋14'42	0.60248 AU
inferior conj	-1046 Jul 08 j 06:09	4°♋31'49	-4°-34'-19
minimum elong	-1046 Jul 08 j 08:11	4°♋27'37	4°34'11
	-1046 Jul 15 j 05:50	30°♋♊	
morning rise	-1046 Jul 15 j 17:39	29°♊50'13	
direct	-1046 Jul 18 j 04:40	29°♊27'26	
	-1046 Jul 21 j 01:27	0°♋	
morning max el	-1046 Jul 25 j 13:31	3°♋02'34	18°11'29
asc. node	-1046 Jul 28 j 04:24	5°♋56'49	
morning set	-1046 Aug 10 j 11:17	28°♋14'51	
	-1046 Aug 11 j 09:37	0°♌	
superior conj	-1046 Aug 20 j 03:01	16°♌10'04	1°37'24
minimum elong	-1046 Aug 20 j 06:21	16°♌25'04	1°37'11
max. Earth dist.	-1046 Aug 27 j 17:36	29°♌28'05	1.41169 AU
	-1046 Aug 28 j 01:09	0°♍	
evening rise	-1046 Sep 01 j 21:38	8°♍02'21	
desc. node	-1046 Sep 06 j 13:27	15°♍28'27	
	-1046 Sep 16 j 03:35	0°♎	
greatest brilliancy	-1046 Sep 30 j 14:20	19°♎38'06	-0.3m
evening max el	-1046 Oct 05 j 17:18	25°♎22'40	22°54'35
	-1046 Oct 11 j 09:39	0°♏	
retrograde	-1046 Oct 15 j 17:59	1°♏19'45	
	-1046 Oct 19 j 16:43	30°♎♎	
evening set	-1046 Oct 20 j 11:32	29°♎24'23	
asc. node	-1046 Oct 24 j 03:35	25°♎21'53	
inferior conj	-1046 Oct 25 j 20:41	23°♎02'13	0°35'18
minimum elong	-1046 Oct 25 j 19:52	23°♎05'03	0°34'56
min. Earth dist.	-1046 Oct 25 j 15:19	23°♎20'44	0.67606 AU
morning rise	-1046 Oct 31 j 04:12	16°♎49'10	
direct	-1046 Nov 04 j 12:12	15°♎06'28	
morning max el	-1046 Nov 13 j 12:07	20°♎24'29	21°45'49
greatest brilliancy	-1046 Nov 18 j 09:33	25°♎58'11	-0.4m
	-1046 Nov 21 j 12:50	0°♏	
desc. node	-1046 Dec 03 j 12:44	17°♏02'01	
	-1046 Dec 12 j 00:49	0°♐	
morning set	-1046 Dec 15 j 12:39	5°♐30'26	
max. Earth dist.	-1046 Dec 22 j 01:50	16°♐09'17	1.41618 AU
superior conj	-1046 Dec 29 j 16:30	29°♐07'51	-1°-59'-48
minimum elong	-1046 Dec 29 j 15:28	29°♐03'18	1°59'49
	-1046 Dec 30 j 04:24	0°♑	
evening rise	-1045 Jan 09 j 11:03	18°♑35'07	
	-1045 Jan 15 j 18:01	0°♒	
asc. node	-1045 Jan 20 j 02:54	7°♒15'52	
evening max el	-1045 Jan 25 j 20:16	14°♒38'19	18°11'26
retrograde	-1045 Feb 01 j 17:41	18°♒07'16	
evening set	-1045 Feb 04 j 07:32	17°♒38'44	
inferior conj	-1045 Feb 11 j 04:56	12°♒47'42	3°46'55
minimum elong	-1045 Feb 11 j 06:36	12°♒43'54	3°46'47
min. Earth dist.	-1045 Feb 14 j 11:44	9°♒49'41	0.60392 AU
morning rise	-1045 Feb 18 j 02:38	7°♒05'14	
direct	-1045 Feb 24 j 19:38	4°♒57'39	
desc. node	-1045 Mar 01 j 11:56	5°♒55'10	
morning max el	-1045 Mar 11 j 01:16	12°♒43'42	27°28'53
	-1045 Mar 24 j 18:00	0°♓	
	-1045 Apr 10 j 15:32	0°♈	
morning set	-1045 Apr 11 j 17:27	2°♈13'00	
max. Earth dist.	-1045 Apr 18 j 03:55	15°♈58'23	1.32426 AU
asc. node	-1045 Apr 18 j 02:14	15°♈49'09	
superior conj	-1045 Apr 18 j 22:47	17°♈41'34	0°09'04
minimum elong	-1045 Apr 18 j 22:22	17°♈39'19	0°08'59
behind sun begin	-1045 Apr 18 j 18:12	17°♈16'29	
behind sun end	-1045 Apr 19 j 02:33	18°♈02'10	
	-1045 Apr 24 j 14:28	0°♉	
evening rise	-1045 Apr 25 j 21:44	2°♉46'05	
	-1045 May 10 j 15:34	0°♊	
evening max el	-1045 May 23 j 04:59	15°♊52'27	25°32'40
desc. node	-1045 May 28 j 11:10	20°♊06'59	
retrograde	-1045 Jun 06 j 06:17	23°♊04'07	
evening set	-1045 Jun 11 j 23:54	21°♊46'27	
min. Earth dist.	-1045 Jun 16 j 17:03	19°♊03'36	0.58208 AU
inferior conj	-1045 Jun 19 j 22:47	16°♊46'05	-4°-34'-53
minimum elong	-1045 Jun 19 j 20:56	16°♊49'24	4°34'48
morning rise	-1045 Jun 27 j 21:50	12°♊27'13	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

direct	-1045 Jun 30 j 10:00	12°♊07'32	
morning max el	-1045 Jul 08 j 18:53	16°♊03'55	18°48'10
asc. node	-1045 Jul 15 j 01:27	23°♊55'12	
	-1045 Jul 18 j 17:26	0°♋	
morning set	-1045 Jul 25 j 05:24	12°♋14'47	
superior conj	-1045 Aug 02 j 21:25	29°♋04'41	1°46'49
minimum elong	-1045 Aug 02 j 22:26	29°♋09'32	1°46'48
	-1045 Aug 03 j 09:06	0°♌	
max. Earth dist.	-1045 Aug 09 j 20:49	11°♌54'03	1.39179 AU
evening rise	-1045 Aug 13 j 21:28	18°♌54'50	
	-1045 Aug 20 j 14:30	0°♍	
desc. node	-1045 Aug 24 j 10:29	6°♍01'11	
	-1045 Sep 10 j 10:19	0°♎	
evening max el	-1045 Sep 18 j 05:43	8°♎54'09	24°14'46
retrograde	-1045 Sep 29 j 08:59	15°♎26'23	
evening set	-1045 Oct 04 j 16:52	13°♎12'38	
min. Earth dist.	-1045 Oct 09 j 11:18	7°♎42'24	0.67422 AU
inferior conj	-1045 Oct 10 j 03:00	6°♎49'27	0°-18'-38
minimum elong	-1045 Oct 10 j 03:27	6°♎47'56	0°18'29
asc. node	-1045 Oct 11 j 00:36	5°♎37'07	
morning rise	-1045 Oct 15 j 14:20	0°♎41'34	
	-1045 Oct 16 j 17:15	30°℞♍	
direct	-1045 Oct 19 j 09:04	29°♍19'54	
	-1045 Oct 22 j 04:24	0°♎	
morning max el	-1045 Oct 27 j 08:36	3°♎57'46	20°29'35
greatest brilliancy	-1045 Nov 02 j 16:52	11°♎32'13	-0.5m
	-1045 Nov 15 j 12:41	0°♏	
desc. node	-1045 Nov 20 j 09:47	7°♏24'23	
morning set	-1045 Nov 24 j 12:19	13°♏43'54	
max. Earth dist.	-1045 Dec 04 j 08:47	29°♏17'22	1.43334 AU
	-1045 Dec 04 j 19:22	0°♐	
superior conj	-1045 Dec 10 j 13:52	9°♐26'50	-1°-48'-8
minimum elong	-1045 Dec 10 j 08:16	9°♐03'35	1°47'48
	-1045 Dec 22 j 14:01	0°♑	
evening rise	-1045 Dec 23 j 00:14	0°♑44'44	
asc. node	-1044 Jan 06 j 23:55	25°♑08'52	
evening max el	-1044 Jan 09 j 08:10	27°♑48'38	18°09'07
	-1044 Jan 11 j 23:57	0°♒	
retrograde	-1044 Jan 15 j 21:06	1°♒15'04	
evening set	-1044 Jan 18 j 14:51	0°♒37'54	
	-1044 Jan 19 j 19:23	30°℞♑	
inferior conj	-1044 Jan 25 j 00:18	25°♑25'53	3°53'22
minimum elong	-1044 Jan 24 j 23:43	25°♑27'24	3°53'20
min. Earth dist.	-1044 Jan 27 j 19:33	22°♑32'34	0.62409 AU
morning rise	-1044 Jan 31 j 06:27	19°♑29'58	
direct	-1044 Feb 07 j 06:37	16°♑53'44	
desc. node	-1044 Feb 16 j 08:57	20°♑30'24	
morning max el	-1044 Feb 21 j 06:13	24°♑44'27	27°46'12
	-1044 Feb 26 j 01:47	0°♒	
	-1044 Mar 17 j 02:20	0°♓	
morning set	-1044 Mar 25 j 20:14	16°♓40'17	
max. Earth dist.	-1044 Mar 31 j 13:12	28°♓36'29	1.32771 AU
	-1044 Apr 01 j 04:44	0°♈	
superior conj	-1044 Apr 02 j 08:31	2°♈30'07	0°-16'-58
minimum elong	-1044 Apr 02 j 09:19	2°♈34'25	0°16'48
asc. node	-1044 Apr 03 j 23:16	6°♈00'26	
evening rise	-1044 Apr 09 j 09:26	17°♈41'33	
	-1044 Apr 15 j 11:58	0°♉	
evening max el	-1044 May 03 j 20:18	26°♉38'37	24°04'05
	-1044 May 07 j 20:20	0°♊	
desc. node	-1044 May 14 j 08:09	3°♊10'14	
retrograde	-1044 May 17 j 16:18	3°♊35'43	
evening set	-1044 May 22 j 00:29	2°♊53'48	
	-1044 May 28 j 01:21	30°℞♉	

min. Earth dist.	-1044 May 28 j 07:36	29°♉50'35	0.56450 AU
inferior conj	-1044 May 30 j 19:19	28°♉17'59	-3°-58'-29
minimum elong	-1044 May 30 j 13:21	28°♉27'17	3°57'21
morning rise	-1044 Jun 08 j 06:02	24°♉16'55	
direct	-1044 Jun 10 j 20:14	23°♉59'17	
morning max el	-1044 Jun 20 j 15:09	28°♉31'19	19°45'37
	-1044 Jun 22 j 02:44	0°♊	
asc. node	-1044 Jun 30 j 22:30	12°♊36'06	
morning set	-1044 Jul 08 j 07:23	26°♊39'26	
	-1044 Jul 09 j 23:04	0°♋	
superior conj	-1044 Jul 16 j 06:54	12°♋45'30	1°46'40
minimum elong	-1044 Jul 16 j 06:04	12°♋41'18	1°46'39
max. Earth dist.	-1044 Jul 21 j 23:58	23°♋48'00	1.37234 AU
	-1044 Jul 25 j 08:41	0°♌	
evening rise	-1044 Jul 25 j 21:29	0°♌57'38	
desc. node	-1044 Aug 10 j 07:30	26°♌20'09	
	-1044 Aug 12 j 18:56	0°♍	
evening max el	-1044 Aug 30 j 16:59	22°♍29'00	25°29'42
retrograde	-1044 Sep 11 j 19:34	29°♍27'20	
evening set	-1044 Sep 17 j 18:17	26°♍57'11	
min. Earth dist.	-1044 Sep 22 j 04:22	22°♍02'46	0.66919 AU
inferior conj	-1044 Sep 23 j 06:53	20°♍37'08	-1°-13'-54
minimum elong	-1044 Sep 23 j 08:43	20°♍31'13	1°13'10
asc. node	-1044 Sep 26 j 21:39	16°♍20'28	
morning rise	-1044 Sep 28 j 23:46	14°♍37'20	
direct	-1044 Oct 02 j 07:21	13°♍33'40	
morning max el	-1044 Oct 09 j 12:30	17°♍39'55	19°26'28
greatest brilliancy	-1044 Oct 18 j 18:35	29°♍35'57	-0.7m
	-1044 Oct 19 j 01:10	0°♎	
morning set	-1044 Nov 02 j 12:44	22°♎07'30	
desc. node	-1044 Nov 06 j 06:48	27°♎58'08	
	-1044 Nov 07 j 14:02	0°♏	
max. Earth dist.	-1044 Nov 15 j 22:24	13°♏06'51	1.44501 AU
superior conj	-1044 Nov 19 j 08:31	18°♏33'06	-1°-18'-32
minimum elong	-1044 Nov 19 j 00:31	18°♏01'14	1°17'43
	-1044 Nov 26 j 10:47	0°♐	
evening rise	-1044 Dec 03 j 17:03	11°♐59'19	
	-1044 Dec 14 j 15:12	0°♑	
evening max el	-1044 Dec 22 j 20:37	11°♑09'04	18°25'37
asc. node	-1044 Dec 23 j 20:56	12°♑07'18	
retrograde	-1044 Dec 29 j 09:51	14°♑44'35	
evening set	-1043 Jan 01 j 08:13	13°♑57'34	
inferior conj	-1043 Jan 07 j 08:39	8°♑26'08	3°40'31
minimum elong	-1043 Jan 07 j 06:32	8°♑32'11	3°40'13
min. Earth dist.	-1043 Jan 09 j 12:53	5°♑56'10	0.64174 AU
morning rise	-1043 Jan 13 j 03:26	2°♑21'30	
	-1043 Jan 17 j 04:15	30°℞♐	
direct	-1043 Jan 20 j 01:11	29°♐31'27	
	-1043 Jan 23 j 01:32	0°♑	
desc. node	-1043 Feb 02 j 06:00	6°♑57'30	
morning max el	-1043 Feb 02 j 14:42	7°♑19'00	27°27'29
	-1043 Feb 20 j 03:04	0°♒	
	-1043 Mar 09 j 07:10	0°♓	
morning set	-1043 Mar 09 j 15:15	0°♓39'40	
max. Earth dist.	-1043 Mar 14 j 14:58	10°♓46'01	1.33523 AU
superior conj	-1043 Mar 17 j 14:36	17°♓02'53	0°-43'-21
minimum elong	-1043 Mar 17 j 16:39	17°♓13'42	0°42'57
asc. node	-1043 Mar 21 j 20:17	26°♓06'17	
	-1043 Mar 23 j 16:11	0°♈	
evening rise	-1043 Mar 24 j 20:45	2°♈30'38	
	-1043 Apr 09 j 07:08	0°♉	
evening max el	-1043 Apr 15 j 12:42	7°♉16'08	22°29'07
retrograde	-1043 Apr 28 j 13:16	13°♉40'16	
desc. node	-1043 May 01 j 05:10	13°♉24'39	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening set	-1043 May 01 j 14:07	13°♉20'03	
min. Earth dist.	-1043 May 09 j 20:46	9°♉44'58	0.55316 AU
inferior conj	-1043 May 10 j 22:01	9°♉09'05	-2°-37'-50
minimum elong	-1043 May 10 j 15:31	9°♉18'20	2°35'52
morning rise	-1043 May 19 j 19:05	5°♉14'30	
direct	-1043 May 22 j 13:57	4°♉56'40	
morning max el	-1043 Jun 03 j 00:27	10°♉16'54	21°03'09
	-1043 Jun 16 j 20:25	0°♊	
asc. node	-1043 Jun 17 j 19:34	1°♊49'00	
morning set	-1043 Jun 22 j 14:40	11°♊22'06	
superior conj	-1043 Jun 30 j 03:06	26°♊59'46	1°39'07
minimum elong	-1043 Jun 30 j 01:05	26°♊49'23	1°38'58
	-1043 Jul 01 j 14:17	0°♋	
max. Earth dist.	-1043 Jul 04 j 09:30	5°♋37'55	1.35534 AU
evening rise	-1043 Jul 08 j 17:08	13°♋59'03	
	-1043 Jul 17 j 17:17	0°♌	
desc. node	-1043 Jul 28 j 04:30	16°♌19'08	
	-1043 Aug 07 j 13:38	0°♍	
evening max el	-1043 Aug 13 j 04:42	6°♍04'06	26°31'23
retrograde	-1043 Aug 26 j 01:08	13°♍17'26	
evening set	-1043 Sep 01 j 13:47	10°♍35'38	
min. Earth dist.	-1043 Sep 05 j 16:04	6°♍18'59	0.66079 AU
inferior conj	-1043 Sep 07 j 06:28	4°♍22'43	-2°-8'-41
minimum elong	-1043 Sep 07 j 09:38	4°♍13'07	2°07'29
	-1043 Sep 11 j 06:59	30°℞♌	
morning rise	-1043 Sep 13 j 06:32	28°♌34'19	
asc. node	-1043 Sep 13 j 18:43	28°♌18'52	
direct	-1043 Sep 16 j 05:20	27°♌45'04	
	-1043 Sep 21 j 08:12	0°♍	
morning max el	-1043 Sep 22 j 22:43	1°♍28'52	18°38'49
	-1043 Oct 12 j 10:06	0°♎	
morning set	-1043 Oct 13 j 11:24	1°♎41'07	
desc. node	-1043 Oct 24 j 03:50	18°♎39'37	
superior conj	-1043 Oct 29 j 09:56	26°♎56'11	0°-33'-43
minimum elong	-1043 Oct 29 j 05:31	26°♎38'48	0°33'09
max. Earth dist.	-1043 Oct 29 j 16:27	27°♎21'48	1.44976 AU
	-1043 Oct 31 j 08:40	0°♏	
evening rise	-1043 Nov 14 j 10:15	22°♏14'40	
	-1043 Nov 19 j 06:57	0°♐	
evening max el	-1043 Dec 06 j 07:10	24°♐35'02	18°59'48
asc. node	-1043 Dec 10 j 17:58	27°♐57'12	
retrograde	-1043 Dec 13 j 04:20	28°♐29'45	
evening set	-1043 Dec 16 j 08:40	27°♐31'19	
inferior conj	-1043 Dec 22 j 02:29	21°♐42'48	3°14'00
minimum elong	-1043 Dec 21 j 23:41	21°♐51'33	3°13'21
min. Earth dist.	-1043 Dec 23 j 15:39	19°♐46'53	0.65577 AU
morning rise	-1043 Dec 27 j 13:47	15°♐32'13	
direct	-1042 Jan 03 j 02:05	12°♐43'09	
morning max el	-1042 Jan 16 j 00:19	20°♐17'18	26°37'59
desc. node	-1042 Jan 20 j 03:03	24°♐45'10	
	-1042 Jan 24 j 09:40	0°♑	
	-1042 Feb 13 j 05:11	0°♒	
morning set	-1042 Feb 20 j 23:00	14°♒00'38	
max. Earth dist.	-1042 Feb 25 j 06:09	22°♒21'36	1.34724 AU
	-1042 Mar 01 j 00:42	0°♓	
superior conj	-1042 Mar 01 j 14:55	1°♓13'16	-1°-8'-49
minimum elong	-1042 Mar 01 j 18:02	1°♓29'19	1°08'19
asc. node	-1042 Mar 08 j 17:19	16°♓02'33	
evening rise	-1042 Mar 09 j 05:51	17°♓07'28	
	-1042 Mar 15 j 18:33	0°♈	
evening max el	-1042 Mar 28 j 12:35	18°♈12'32	21°01'01
retrograde	-1042 Apr 09 j 02:33	23°♈47'53	
evening set	-1042 Apr 11 j 09:56	23°♈35'24	
desc. node	-1042 Apr 18 j 02:13	21°♈03'25	

inferior conj	-1042 Apr 20 j 16:28	19°♈37'18	0°-44'-14
minimum elong	-1042 Apr 20 j 14:22	19°♈40'16	0°43'31
min. Earth dist.	-1042 Apr 21 j 09:56	19°♈12'34	0.55063 AU
morning rise	-1042 Apr 29 j 18:09	15°♈31'47	
direct	-1042 May 03 j 00:48	15°♈08'34	
morning max el	-1042 May 15 j 23:17	21°♈21'03	22°36'45
	-1042 May 23 j 08:22	0°♉	
asc. node	-1042 Jun 04 j 16:38	21°♉25'26	
morning set	-1042 Jun 07 j 01:12	26°♉16'18	
	-1042 Jun 08 j 19:44	0°♊	
superior conj	-1042 Jun 14 j 06:38	11°♊37'07	1°25'52
minimum elong	-1042 Jun 14 j 04:07	11°♊23'48	1°25'33
max. Earth dist.	-1042 Jun 17 j 04:39	17°♊44'36	1.34186 AU
evening rise	-1042 Jun 22 j 03:27	27°♊44'44	
	-1042 Jun 23 j 07:14	0°♋	
	-1042 Jul 10 j 22:56	0°♌	
desc. node	-1042 Jul 15 j 01:32	5°♌49'05	
evening max el	-1042 Jul 26 j 16:29	19°♌29'23	27°12'06
retrograde	-1042 Aug 09 j 01:09	26°♌48'56	
evening set	-1042 Aug 16 j 00:47	24°♌03'30	
min. Earth dist.	-1042 Aug 19 j 20:01	20°♌24'31	0.64877 AU
inferior conj	-1042 Aug 21 j 23:31	18°♌01'18	-3°00'-45
minimum elong	-1042 Aug 22 j 03:43	17°♌49'38	2°59'24
morning rise	-1042 Aug 28 j 08:12	12°♌27'45	
direct	-1042 Aug 31 j 00:36	11°♌49'30	
asc. node	-1042 Aug 31 j 15:49	11°♌51'39	
morning max el	-1042 Sep 06 j 13:00	15°♌19'38	18°07'48
	-1042 Sep 16 j 23:58	0°♍	
morning set	-1042 Sep 24 j 14:23	12°♍37'33	
	-1042 Oct 05 j 03:44	0°♎	
superior conj	-1042 Oct 08 j 15:12	5°♎35'21	0°15'41
minimum elong	-1042 Oct 08 j 17:06	5°♎42'58	0°15'25
behind sun begin	-1042 Oct 08 j 13:41	5°♎29'17	
behind sun end	-1042 Oct 08 j 20:31	5°♎56'39	
desc. node	-1042 Oct 11 j 00:52	9°♎24'58	
max. Earth dist.	-1042 Oct 12 j 11:19	11°♎41'23	1.44710 AU
	-1042 Oct 24 j 04:22	0°♏	
evening rise	-1042 Oct 25 j 04:54	1°♏35'02	
greatest brilliancy	-1042 Nov 12 j 00:19	28°♏31'04	-0.6m
	-1042 Nov 13 j 01:44	0°♐	
evening max el	-1042 Nov 19 j 13:34	8°♐02'11	19°50'13
retrograde	-1042 Nov 27 j 01:31	12°♐24'53	
asc. node	-1042 Nov 27 j 15:02	12°♐23'05	
evening set	-1042 Nov 30 j 13:35	11°♐13'07	
inferior conj	-1042 Dec 06 j 02:51	5°♐10'34	2°37'39
minimum elong	-1042 Dec 06 j 00:02	5°♐19'56	2°36'46
min. Earth dist.	-1042 Dec 07 j 02:21	3°♐52'51	0.66591 AU
	-1042 Dec 10 j 07:33	30°℞♏	
morning rise	-1042 Dec 11 j 09:51	28°♏56'09	
direct	-1042 Dec 17 j 08:37	26°♏19'17	
	-1042 Dec 25 j 13:52	0°♐	
morning max el	-1042 Dec 29 j 09:22	3°♐27'45	25°26'03
desc. node	-1041 Jan 07 j 00:06	13°♐29'17	
	-1041 Jan 18 j 16:28	0°♑	
morning set	-1041 Feb 03 j 14:48	26°♑29'23	
	-1041 Feb 05 j 12:51	0°♒	
max. Earth dist.	-1041 Feb 07 j 09:53	3°♒30'13	1.36360 AU
superior conj	-1041 Feb 13 j 06:42	14°♒53'14	-1°-31'-43
minimum elong	-1041 Feb 13 j 10:22	15°♒11'29	1°31'18
	-1041 Feb 20 j 17:49	0°♓	
evening rise	-1041 Feb 21 j 10:41	1°♓25'30	
asc. node	-1041 Feb 23 j 14:22	5°♓44'31	
evening max el	-1041 Mar 10 j 23:20	29°♓44'29	19°48'29
	-1041 Mar 11 j 05:54	0°♈	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

retrograde	-1041 Mar 20 j 20:26	4°♈28'09	
evening set	-1041 Mar 23 j 00:18	4°♈15'35	
inferior conj	-1041 Mar 31 j 17:12	0°♈13'32	1°10'53
minimum elong	-1041 Mar 31 j 20:08	0°♈08'58	1°09'54
	-1041 Apr 01 j 01:54	30℞♓	
min. Earth dist.	-1041 Apr 03 j 00:11	28°♓48'30	0.55752 AU
desc. node	-1041 Apr 04 j 23:16	27°♓40'03	
morning rise	-1041 Apr 09 j 12:46	25°♓40'04	
direct	-1041 Apr 13 j 17:27	25°♓01'01	
	-1041 Apr 25 j 10:13	0°♈	
morning max el	-1041 Apr 27 j 15:30	1°♈58'04	24°17'18
	-1041 May 16 j 22:52	0°♉	
morning set	-1041 May 22 j 13:13	11°♉16'23	
asc. node	-1041 May 22 j 13:42	11°♉18'52	
superior conj	-1041 May 29 j 14:57	26°♉29'26	1°08'13
minimum elong	-1041 May 29 j 12:31	26°♉16'16	1°07'49
	-1041 May 31 j 06:02	0°♊	
max. Earth dist.	-1041 May 31 j 08:43	0°♊14'23	1.33220 AU
evening rise	-1041 Jun 06 j 00:16	12°♊02'40	
	-1041 Jun 15 j 12:35	0°♋	
desc. node	-1041 Jul 01 j 22:34	24°♋37'47	
	-1041 Jul 06 j 14:05	0°♌	
evening max el	-1041 Jul 09 j 02:36	2°♌32'53	27°25'13
retrograde	-1041 Jul 22 j 19:24	9°♌53'23	
evening set	-1041 Jul 30 j 00:05	7°♌16'08	
min. Earth dist.	-1041 Aug 02 j 14:28	4°♌10'07	0.63308 AU
inferior conj	-1041 Aug 05 j 07:23	1°♌27'35	-3°-46'-50
minimum elong	-1041 Aug 05 j 11:53	1°♌16'18	3°45'46
	-1041 Aug 06 j 18:58	30℞♋	
morning rise	-1041 Aug 12 j 01:53	26°♋12'12	
direct	-1041 Aug 14 j 14:17	25°♋41'52	
asc. node	-1041 Aug 18 j 12:53	26°♋57'07	
morning max el	-1041 Aug 21 j 04:36	29°♋06'51	17°54'23
	-1041 Aug 22 j 01:00	0°♌	
morning set	-1041 Sep 06 j 18:08	24°♌44'58	
	-1041 Sep 09 j 18:14	0°♍	
superior conj	-1041 Sep 18 j 18:58	15°♍23'02	0°57'41
minimum elong	-1041 Sep 19 j 00:03	15°♍44'10	0°57'03
max. Earth dist.	-1041 Sep 25 j 03:15	25°♍45'13	1.43751 AU
desc. node	-1041 Sep 27 j 21:54	0°♎11'19	
	-1041 Sep 27 j 19:03	0°♎	
evening rise	-1041 Oct 04 j 11:19	10°♎27'28	
	-1041 Oct 17 j 09:43	0°♏	
greatest brilliancy	-1041 Oct 28 j 00:09	14°♏53'21	-0.5m
evening max el	-1041 Nov 02 j 14:23	21°♏29'17	20°54'28
retrograde	-1041 Nov 10 j 23:03	26°♏26'42	
evening set	-1041 Nov 14 j 20:53	24°♏59'32	
asc. node	-1041 Nov 14 j 12:06	25°♏15'13	
inferior conj	-1041 Nov 20 j 07:22	18°♏46'26	1°54'04
minimum elong	-1041 Nov 20 j 05:01	18°♏54'26	1°53'12
min. Earth dist.	-1041 Nov 20 j 18:51	18°♏07'05	0.67242 AU
morning rise	-1041 Nov 25 j 12:45	12°♏30'27	
direct	-1041 Nov 30 j 20:19	10°♏12'35	
morning max el	-1041 Dec 11 j 17:57	16°♏42'50	24°01'25
	-1041 Dec 22 j 18:26	0°♐	
desc. node	-1041 Dec 24 j 21:09	2°♐53'27	
	-1040 Jan 11 j 17:06	0°♑	
morning set	-1040 Jan 16 j 08:32	7°♑49'01	
max. Earth dist.	-1040 Jan 20 j 05:47	14°♑37'18	1.38340 AU
superior conj	-1040 Jan 27 j 10:17	27°♑52'29	-1°-49'-42
minimum elong	-1040 Jan 27 j 13:29	28°♑07'44	1°49'30
	-1040 Jan 28 j 12:59	0°♒	
evening rise	-1040 Feb 05 j 08:44	15°♒17'10	
asc. node	-1040 Feb 10 j 11:25	25°♒06'02	
	-1040 Feb 13 j 05:11	0°♓	
evening max el	-1040 Feb 21 j 20:35	11°♓53'15	18°55'05
retrograde	-1040 Mar 01 j 05:15	15°♓55'14	
evening set	-1040 Mar 03 j 12:26	15°♓38'11	
inferior conj	-1040 Mar 11 j 11:15	11°♓20'48	2°39'12
minimum elong	-1040 Mar 11 j 15:46	11°♓12'40	2°38'02
min. Earth dist.	-1040 Mar 14 j 16:26	9°♓03'31	0.57233 AU
morning rise	-1040 Mar 19 j 14:59	6°♓14'55	
desc. node	-1040 Mar 21 j 20:19	5°♓29'52	
direct	-1040 Mar 24 j 23:29	5°♓06'03	
morning max el	-1040 Apr 08 j 06:43	12°♓32'09	25°50'45
	-1040 Apr 21 j 21:08	0°♈	
morning set	-1040 May 06 j 00:58	26°♈15'13	
	-1040 May 07 j 19:19	0°♉	
asc. node	-1040 May 08 j 10:45	1°♉22'53	
superior conj	-1040 May 13 j 01:53	11°♉28'24	0°47'10
minimum elong	-1040 May 12 j 23:58	11°♉17'57	0°46'48
max. Earth dist.	-1040 May 13 j 18:51	13°♉01'11	1.32629 AU
evening rise	-1040 May 20 j 04:15	26°♉41'19	
	-1040 May 21 j 19:04	0°♊	
	-1040 Jun 08 j 00:08	0°♋	
desc. node	-1040 Jun 17 j 19:36	12°♋26'54	
evening max el	-1040 Jun 20 j 08:47	15°♋01'45	27°06'25
retrograde	-1040 Jul 04 j 06:59	22°♋20'18	
evening set	-1040 Jul 11 j 07:32	20°♋05'33	
min. Earth dist.	-1040 Jul 14 j 22:48	17°♋21'34	0.61421 AU
inferior conj	-1040 Jul 18 j 02:50	14°♋33'21	-4°-21'-59
minimum elong	-1040 Jul 18 j 06:19	14°♋25'38	4°21'31
morning rise	-1040 Jul 25 j 07:59	9°♋38'49	
direct	-1040 Jul 27 j 18:45	9°♋13'55	
morning max el	-1040 Aug 03 j 18:34	12°♋42'46	17°59'34
asc. node	-1040 Aug 04 j 09:57	13°♋21'39	
	-1040 Aug 15 j 10:11	0°♌	
morning set	-1040 Aug 19 j 16:42	7°♌46'39	
superior conj	-1040 Aug 30 j 02:17	26°♌32'23	1°26'42
minimum elong	-1040 Aug 30 j 06:48	26°♌52'06	1°26'18
	-1040 Sep 01 j 02:06	0°♍	
max. Earth dist.	-1040 Sep 06 j 14:08	9°♍17'39	1.42225 AU
evening rise	-1040 Sep 12 j 23:45	19°♍39'40	
desc. node	-1040 Sep 13 j 18:56	20°♍55'30	
	-1040 Sep 19 j 15:26	0°♎	
greatest brilliancy	-1040 Oct 10 j 15:48	29°♎36'36	-0.3m
	-1040 Oct 10 j 23:29	0°♏	
evening max el	-1040 Oct 15 j 09:24	4°♏57'20	22°09'04
retrograde	-1040 Oct 24 j 19:00	10°♏32'44	
evening set	-1040 Oct 29 j 04:43	8°♏48'16	
asc. node	-1040 Oct 31 j 09:08	6°♏39'03	
inferior conj	-1040 Nov 03 j 13:57	2°♏28'24	1°05'13
minimum elong	-1040 Nov 03 j 12:30	2°♏33'27	1°04'36
min. Earth dist.	-1040 Nov 03 j 14:38	2°♏26'04	0.67561 AU
	-1040 Nov 05 j 09:38	30℞♎	
morning rise	-1040 Nov 08 j 20:05	26°♎13'22	
direct	-1040 Nov 13 j 12:28	24°♎17'34	
morning max el	-1040 Nov 23 j 04:34	0°♏02'01	22°33'58
	-1040 Nov 23 j 03:46	0°♏	
greatest brilliancy	-1040 Nov 27 j 20:09	5°♏14'57	-0.3m
desc. node	-1040 Dec 10 j 18:11	22°♏46'22	
	-1040 Dec 15 j 15:04	0°♐	
morning set	-1040 Dec 26 j 22:21	17°♐45'25	
max. Earth dist.	-1039 Jan 01 j 01:45	26°♐19'18	1.40454 AU
	-1039 Jan 03 j 05:16	0°♑	
superior conj	-1039 Jan 08 j 21:01	9°♑59'32	-1°-59'-30
minimum elong	-1039 Jan 08 j 22:06	10°♑04'27	1°59'30
evening rise	-1039 Jan 18 j 20:58	28°♑35'11	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1039 Jan 19 j 14:57	0°♒	
asc. node	-1039 Jan 27 j 08:28	14°♒00'13	
evening max el	-1039 Feb 04 j 01:55	24°♒32'39	18°21'42
retrograde	-1039 Feb 11 j 08:43	28°♒08'45	
evening set	-1039 Feb 13 j 20:23	27°♒44'42	
inferior conj	-1039 Feb 21 j 02:12	23°♒06'33	3°31'32
minimum elong	-1039 Feb 21 j 05:15	23°♒00'09	3°31'04
min. Earth dist.	-1039 Feb 24 j 12:21	20°♒16'18	0.59193 AU
morning rise	-1039 Feb 28 j 10:33	17°♒35'12	
direct	-1039 Mar 06 j 18:46	15°♒48'20	
desc. node	-1039 Mar 08 j 17:21	15°♒58'08	
morning max el	-1039 Mar 21 j 01:58	23°♒29'17	27°02'11
	-1039 Mar 26 j 22:35	0°♓	
	-1039 Apr 14 j 21:30	0°♈	
morning set	-1039 Apr 20 j 10:44	11°♈06'54	
asc. node	-1039 Apr 25 j 07:47	21°♈32'56	
superior conj	-1039 Apr 27 j 13:38	26°♈27'45	0°23'32
minimum elong	-1039 Apr 27 j 12:36	26°♈22'05	0°23'20
max. Earth dist.	-1039 Apr 27 j 07:43	25°♈55'16	1.32401 AU
	-1039 Apr 29 j 04:20	0°♉	
evening rise	-1039 May 04 j 12:51	11°♉32'11	
	-1039 May 14 j 00:36	0°♊	
evening max el	-1039 Jun 02 j 08:56	26°♊47'33	26°15'04
desc. node	-1039 Jun 04 j 16:37	28°♊51'41	
	-1039 Jun 06 j 03:23	0°♋	
retrograde	-1039 Jun 16 j 10:07	4°♋02'04	
evening set	-1039 Jun 22 j 18:35	2°♋22'11	
	-1039 Jun 26 j 13:06	30°℞♊	
min. Earth dist.	-1039 Jun 26 j 21:56	29°♊43'50	0.59371 AU
inferior conj	-1039 Jun 30 j 06:16	27°♊09'19	-4°-38'-20
minimum elong	-1039 Jun 30 j 06:51	27°♊08'12	4°38'20
morning rise	-1039 Jul 07 j 22:37	22°♊37'13	
direct	-1039 Jul 10 j 09:53	22°♊15'55	
morning max el	-1039 Jul 18 j 03:51	25°♊58'52	18°24'27
	-1039 Jul 21 j 16:16	0°♋	
asc. node	-1039 Jul 22 j 07:00	0°♋49'44	
morning set	-1039 Aug 03 j 04:53	21°♋28'28	
	-1039 Aug 07 j 15:51	0°♌	
superior conj	-1039 Aug 12 j 09:30	8°♌52'47	1°42'43
minimum elong	-1039 Aug 12 j 11:50	9°♌03'34	1°42'36
max. Earth dist.	-1039 Aug 19 j 19:50	22°♌09'03	1.40339 AU
evening rise	-1039 Aug 24 j 09:04	29°♌51'02	
	-1039 Aug 24 j 11:14	0°♍	
desc. node	-1039 Aug 31 j 15:57	11°♍33'35	
	-1039 Sep 13 j 03:01	0°♎	
evening max el	-1039 Sep 27 j 23:46	18°♎27'30	23°28'58
retrograde	-1039 Oct 08 j 11:57	24°♎39'53	
evening set	-1039 Oct 13 j 11:25	22°♎36'51	
asc. node	-1039 Oct 18 j 06:10	17°♎04'11	
inferior conj	-1039 Oct 18 j 20:51	16°♎13'59	0°12'40
minimum elong	-1039 Oct 18 j 20:33	16°♎15'02	0°12'32
transit middle	-1039 Oct 18 j 20:33	16°♎15'02	0°12'32
transit begin	-1039 Oct 18 j 18:49	16°♎20'58	
transit end	-1039 Oct 18 j 22:17	16°♎09'05	
min. Earth dist.	-1039 Oct 18 j 11:11	16°♎47'04	0.67568 AU
morning rise	-1039 Oct 24 j 05:44	10°♎02'42	
direct	-1039 Oct 28 j 07:59	8°♎29'00	
morning max el	-1039 Nov 05 j 20:40	13°♎28'45	21°11'56
greatest brilliancy	-1039 Nov 11 j 05:54	19°♎42'43	-0.5m
	-1039 Nov 18 j 19:18	0°♏	
desc. node	-1039 Nov 27 j 15:12	12°♏59'28	
morning set	-1039 Dec 06 j 08:14	26°♏23'26	
	-1039 Dec 08 j 15:06	0°♐	
max. Earth dist.	-1039 Dec 14 j 04:23	8°♐57'04	1.42407 AU
superior conj	-1039 Dec 21 j 09:21	21°♐00'29	-1°-56'-56
minimum elong	-1039 Dec 21 j 06:25	20°♐47'55	1°56'51
	-1039 Dec 26 j 13:33	0°♑	
evening rise	-1038 Jan 01 j 19:41	11°♑11'16	
	-1038 Jan 12 j 16:25	0°♒	
asc. node	-1038 Jan 14 j 05:29	2°♒17'57	
evening max el	-1038 Jan 18 j 12:14	7°♒33'12	18°08'09
retrograde	-1038 Jan 25 j 04:39	10°♒59'10	
evening set	-1038 Jan 27 j 20:17	10°♒26'55	
inferior conj	-1038 Feb 03 j 12:11	5°♒26'43	3°52'25
minimum elong	-1038 Feb 03 j 12:50	5°♒25'09	3°52'24
min. Earth dist.	-1038 Feb 06 j 14:45	2°♒28'14	0.61274 AU
	-1038 Feb 09 j 14:17	30°℞♑	
morning rise	-1038 Feb 10 j 02:48	29°♑38'08	
direct	-1038 Feb 17 j 00:20	27°♑16'52	
desc. node	-1038 Feb 23 j 14:22	29°♑10'56	
	-1038 Feb 24 j 23:17	0°♒	
morning max el	-1038 Mar 03 j 03:25	5°♒04'47	27°40'50
	-1038 Mar 21 j 18:28	0°♓	
morning set	-1038 Apr 04 j 16:41	25°♓44'41	
	-1038 Apr 06 j 17:49	0°♈	
max. Earth dist.	-1038 Apr 10 j 19:31	8°♈43'12	1.32527 AU
superior conj	-1038 Apr 12 j 00:34	11°♈21'26	0°-1'-52
minimum elong	-1038 Apr 12 j 00:39	11°♈21'53	0°01'51
behind sun begin	-1038 Apr 11 j 19:36	10°♈54'20	
behind sun end	-1038 Apr 12 j 05:42	11°♈49'26	
asc. node	-1038 Apr 12 j 04:51	11°♈44'47	
evening rise	-1038 Apr 18 j 23:57	26°♈27'42	
	-1038 Apr 20 j 16:35	0°♉	
	-1038 May 08 j 05:33	0°♊	
evening max el	-1038 May 15 j 02:41	7°♊51'18	24°56'48
desc. node	-1038 May 22 j 13:36	13°♊19'32	
retrograde	-1038 May 29 j 02:36	14°♊57'40	
evening set	-1038 Jun 03 j 06:53	13°♊56'24	
min. Earth dist.	-1038 Jun 08 j 14:22	11°♊06'38	0.57410 AU
inferior conj	-1038 Jun 11 j 14:31	9°♊06'28	-4°-24'-42
minimum elong	-1038 Jun 11 j 10:44	9°♊12'49	4°24'16
morning rise	-1038 Jun 19 j 18:29	4°♊55'53	
direct	-1038 Jun 22 j 07:37	4°♊37'04	
morning max el	-1038 Jul 01 j 05:35	8°♊46'39	19°10'00
asc. node	-1038 Jul 09 j 04:03	19°♊07'42	
	-1038 Jul 15 j 05:09	0°♋	
morning set	-1038 Jul 18 j 02:46	5°♋40'28	
superior conj	-1038 Jul 26 j 10:58	22°♋09'05	1°47'47
minimum elong	-1038 Jul 26 j 11:07	22°♋09'50	1°47'48
	-1038 Jul 30 j 14:05	0°♌	
max. Earth dist.	-1038 Aug 01 j 22:52	4°♌21'20	1.38339 AU
evening rise	-1038 Aug 05 j 19:40	11°♌14'47	
	-1038 Aug 17 j 05:24	0°♍	
desc. node	-1038 Aug 18 j 12:59	2°♍01'25	
	-1038 Sep 08 j 12:29	0°♎	
evening max el	-1038 Sep 10 j 11:34	2°♎01'13	24°47'41
retrograde	-1038 Sep 22 j 01:00	8°♎45'02	
evening set	-1038 Sep 27 j 15:19	6°♎23'53	
min. Earth dist.	-1038 Oct 02 j 06:08	1°♎08'49	0.67257 AU
inferior conj	-1038 Oct 03 j 02:21	0°♎01'48	0°-42'-1
minimum elong	-1038 Oct 03 j 03:23	29°♍58'23	0°41'36
	-1038 Oct 03 j 02:54	30°℞♍	
asc. node	-1038 Oct 05 j 03:12	27°♍24'39	
morning rise	-1038 Oct 08 j 15:51	23°♍57'09	
direct	-1038 Oct 12 j 05:40	22°♍43'29	
morning max el	-1038 Oct 19 j 20:23	27°♍06'11	20°00'57
	-1038 Oct 22 j 11:07	0°♎	
greatest brilliancy	-1038 Oct 27 j 03:17	6°♎03'10	-0.6m
	-1038 Nov 12 j 06:25	0°♏	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-1038 Nov 14 j 12:16	3°♏27'20	
morning set	-1038 Nov 15 j 05:04	4°♏32'13	
max. Earth dist.	-1038 Nov 26 j 15:01	22°♏26'55	1.43918 AU
	-1038 Dec 01 j 07:30	0°♐	
superior conj	-1038 Dec 01 j 19:01	0°♐46'51	-1°-37'-47
minimum elong	-1038 Dec 01 j 11:50	0°♐17'35	1°37'13
evening rise	-1038 Dec 15 j 00:43	22°♐58'14	
	-1038 Dec 19 j 02:59	0°♑	
asc. node	-1037 Jan 01 j 02:29	19°♑48'52	
evening max el	-1037 Jan 02 j 00:38	20°♑47'47	18°13'50
retrograde	-1037 Jan 08 j 12:39	24°♑16'50	
evening set	-1037 Jan 11 j 08:17	23°♑35'32	
inferior conj	-1037 Jan 17 j 13:31	18°♑14'39	3°49'51
minimum elong	-1037 Jan 17 j 12:11	18°♑18'16	3°49'45
min. Earth dist.	-1037 Jan 20 j 02:24	15°♑29'45	0.63201 AU
morning rise	-1037 Jan 23 j 14:19	12°♑14'31	
direct	-1037 Jan 30 j 14:21	9°♑30'54	
desc. node	-1037 Feb 10 j 11:25	14°♑37'34	
morning max el	-1037 Feb 13 j 10:17	17°♑20'47	27°42'33
	-1037 Feb 24 j 00:16	0°♒	
	-1037 Mar 14 j 12:23	0°♓	
morning set	-1037 Mar 19 j 16:31	10°♓00'39	
max. Earth dist.	-1037 Mar 25 j 02:16	21°♓10'56	1.33037 AU
superior conj	-1037 Mar 27 j 08:57	26°♓03'13	0°-28'-11
minimum elong	-1037 Mar 27 j 10:17	26°♓10'22	0°27'55
	-1037 Mar 29 j 04:51	0°♈	
asc. node	-1037 Mar 30 j 01:51	1°♈53'35	
evening rise	-1037 Apr 03 j 11:42	11°♈20'45	
	-1037 Apr 13 j 02:32	0°♉	
evening max el	-1037 Apr 26 j 17:26	18°♉29'04	23°23'37
desc. node	-1037 May 09 j 10:37	25°♉13'21	
retrograde	-1037 May 10 j 06:55	25°♉14'58	
evening set	-1037 May 14 j 00:58	24°♉44'02	
min. Earth dist.	-1037 May 21 j 03:40	21°♉28'58	0.55868 AU
inferior conj	-1037 May 23 j 02:44	20°♉19'19	-3°-29'-35
minimum elong	-1037 May 22 j 19:54	20°♉29'29	3°27'56
morning rise	-1037 May 31 j 18:15	16°♉23'21	
direct	-1037 Jun 03 j 10:02	16°♉06'01	
morning max el	-1037 Jun 13 j 21:20	20°♉56'44	20°16'23
	-1037 Jun 21 j 05:53	0°♊	
asc. node	-1037 Jun 26 j 01:07	8°♊03'07	
morning set	-1037 Jul 02 j 07:19	20°♊13'44	
	-1037 Jul 07 j 01:40	0°♋	
superior conj	-1037 Jul 10 j 01:32	6°♋05'50	1°44'16
minimum elong	-1037 Jul 10 j 00:06	5°♋58'38	1°44'12
max. Earth dist.	-1037 Jul 15 j 04:14	16°♋10'56	1.36470 AU
evening rise	-1037 Jul 19 j 04:39	23°♋43'56	
	-1037 Jul 22 j 16:22	0°♌	
desc. node	-1037 Aug 05 j 10:00	22°♌12'50	
	-1037 Aug 10 j 21:13	0°♍	
evening max el	-1037 Aug 23 j 22:48	15°♍36'18	25°57'51
retrograde	-1037 Sep 05 j 09:32	22°♍42'26	
evening set	-1037 Sep 11 j 14:32	20°♍06'12	
min. Earth dist.	-1037 Sep 15 j 21:07	15°♍27'59	0.66612 AU
inferior conj	-1037 Sep 17 j 04:39	13°♍48'42	-1°-37'-19
minimum elong	-1037 Sep 17 j 07:04	13°♍41'06	1°36'21
asc. node	-1037 Sep 22 j 00:16	8°♍35'28	
morning rise	-1037 Sep 23 j 00:27	7°♍53'38	
direct	-1037 Sep 26 j 03:58	6°♍56'40	
morning max el	-1037 Oct 03 j 03:20	10°♍52'09	19°04'13
	-1037 Oct 17 j 00:10	0°♎	
morning set	-1037 Oct 25 j 13:11	13°♎21'06	
desc. node	-1037 Nov 01 j 09:20	24°♎04'55	
	-1037 Nov 05 j 03:52	0°♏	
max. Earth dist.	-1037 Nov 09 j 07:00	6°♏29'50	1.44793 AU
superior conj	-1037 Nov 11 j 04:20	9°♏28'40	-1°00'-53
minimum elong	-1037 Nov 10 j 21:07	9°♏00'10	1°00'03
	-1037 Nov 23 j 23:48	0°♐	
evening rise	-1037 Nov 26 j 07:49	3°♐48'16	
	-1037 Dec 13 j 00:16	0°♑	
evening max el	-1037 Dec 16 j 12:30	4°♑10'48	18°38'01
asc. node	-1037 Dec 18 j 23:30	6°♑20'01	
retrograde	-1037 Dec 23 j 04:24	7°♑53'46	
evening set	-1037 Dec 26 j 05:01	7°♑02'13	
inferior conj	-1036 Jan 01 j 02:21	1°♑23'01	3°30'41
minimum elong	-1037 Dec 31 j 23:51	1°♑30'29	3°30'13
	-1036 Jan 02 j 06:01	30°℞♐	
min. Earth dist.	-1036 Jan 03 j 00:03	29°♐06'34	0.64813 AU
morning rise	-1036 Jan 06 j 17:29	25°♐15'16	
direct	-1036 Jan 13 j 11:43	22°♐24'02	
	-1036 Jan 26 j 16:36	0°♑	
morning max el	-1036 Jan 26 j 19:51	0°♑08'06	27°09'49
desc. node	-1036 Jan 28 j 08:30	1°♑42'37	
	-1036 Feb 17 j 23:07	0°♒	
morning set	-1036 Mar 02 j 07:18	23°♒45'36	
	-1036 Mar 05 j 11:06	0°♓	
max. Earth dist.	-1036 Mar 06 j 23:58	3°♓06'46	1.33972 AU
superior conj	-1036 Mar 10 j 12:55	10°♓27'22	0°-54'-21
minimum elong	-1036 Mar 10 j 15:26	10°♓40'39	0°53'54
asc. node	-1036 Mar 15 j 22:53	21°♓55'53	
evening rise	-1036 Mar 17 j 22:21	26°♓05'25	
	-1036 Mar 19 j 19:46	0°♈	
evening max el	-1036 Apr 07 j 12:15	29°♈11'14	21°50'12
	-1036 Apr 08 j 09:13	0°♉	
retrograde	-1036 Apr 20 j 00:06	5°♉16'44	
evening set	-1036 Apr 22 j 15:13	5°♉01'15	
desc. node	-1036 Apr 25 j 07:38	4°♉16'01	
min. Earth dist.	-1036 May 01 j 16:55	1°♉07'51	0.55082 AU
inferior conj	-1036 May 02 j 00:20	0°♉57'25	-1°-52'-9
minimum elong	-1036 May 01 j 19:16	1°♉04'33	1°50'28
	-1036 May 03 j 17:36	30°℞♈	
morning rise	-1036 May 11 j 00:25	27°♈00'31	
direct	-1036 May 13 j 22:46	26°♈41'29	
	-1036 May 23 j 03:58	0°♉	
morning max el	-1036 May 26 j 02:07	2°♉24'28	21°41'30
asc. node	-1036 Jun 11 j 22:12	27°♉26'43	
	-1036 Jun 13 j 05:07	0°♊	
morning set	-1036 Jun 15 j 16:14	5°♊01'46	
superior conj	-1036 Jun 23 j 01:15	20°♊31'09	1°34'06
minimum elong	-1036 Jun 22 j 22:57	20°♊19'08	1°33'54
max. Earth dist.	-1036 Jun 26 j 17:20	28°♊04'21	1.34909 AU
	-1036 Jun 27 j 16:19	0°♋	
evening rise	-1036 Jul 01 j 07:08	7°♋05'41	
	-1036 Jul 14 j 07:49	0°♌	
desc. node	-1036 Jul 22 j 07:00	12°♌00'31	
evening max el	-1036 Aug 05 j 10:28	29°♌07'45	26°51'36
	-1036 Aug 06 j 08:38	0°♍	
retrograde	-1036 Aug 18 j 13:01	6°♍25'32	
evening set	-1036 Aug 25 j 06:48	3°♍40'48	
	-1036 Aug 28 j 23:00	30°℞♌	
min. Earth dist.	-1036 Aug 29 j 05:50	29°♌40'23	0.65613 AU
inferior conj	-1036 Aug 31 j 01:46	27°♌31'43	-2°-31'-16
minimum elong	-1036 Aug 31 j 05:25	27°♌20'59	2°29'58
morning rise	-1036 Sep 06 j 05:21	21°♌49'17	
asc. node	-1036 Sep 07 j 21:22	21°♌12'40	
direct	-1036 Sep 09 j 01:01	21°♌05'18	
morning max el	-1036 Sep 15 j 15:38	24°♌42'32	18°23'26
	-1036 Sep 20 j 00:32	0°♍	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning set	-1036 Oct 04 j 23:53	23°♍29'51	
	-1036 Oct 09 j 00:06	0°♎	
desc. node	-1036 Oct 18 j 06:22	14°♎48'16	
superior conj	-1036 Oct 20 j 04:35	17°♎50'50	0°-12'-31
minimum elong	-1036 Oct 20 j 02:56	17°♎44'19	0°12'19
behind sun begin	-1036 Oct 19 j 19:30	17°♎15'02	
behind sun end	-1036 Oct 20 j 10:21	18°♎13'36	
max. Earth dist.	-1036 Oct 22 j 01:11	20°♎46'34	1.44951 AU
	-1036 Oct 27 j 22:10	0°♏	
evening rise	-1036 Nov 05 j 14:47	13°♏38'00	
	-1036 Nov 16 j 01:56	0°♐	
greatest brilliancy	-1036 Nov 19 j 08:33	4°♐59'14	-0.7m
evening max el	-1036 Nov 28 j 21:29	17°♐37'23	19°19'26
asc. node	-1036 Dec 04 j 20:35	21°♐35'46	
retrograde	-1036 Dec 06 j 00:20	21°♐43'17	
evening set	-1036 Dec 09 j 07:38	20°♐39'36	
inferior conj	-1036 Dec 14 j 23:19	14°♐44'55	2°59'37
minimum elong	-1036 Dec 14 j 20:25	14°♐54'12	2°58'50
min. Earth dist.	-1036 Dec 16 j 06:33	13°♐04'41	0.66054 AU
morning rise	-1036 Dec 20 j 08:23	8°♐32'17	
direct	-1036 Dec 26 j 15:18	5°♐46'57	
morning max el	-1035 Jan 08 j 05:16	13°♐12'32	26°09'29
desc. node	-1035 Jan 14 j 05:34	19°♐56'42	
	-1035 Jan 21 j 20:24	0°♑	
	-1035 Feb 09 j 15:42	0°♒	
morning set	-1035 Feb 13 j 08:54	6°♒46'11	
max. Earth dist.	-1035 Feb 17 j 09:47	14°♒27'09	1.35364 AU
superior conj	-1035 Feb 22 j 09:57	24°♒25'42	-1°-18'-59
minimum elong	-1035 Feb 22 j 13:23	24°♒43'09	1°18'30
	-1035 Feb 25 j 03:07	0°♓	
evening rise	-1035 Mar 02 j 05:53	10°♓34'33	
asc. node	-1035 Mar 02 j 19:56	11°♓46'24	
	-1035 Mar 12 j 15:20	0°♈	
evening max el	-1035 Mar 20 j 16:39	10°♈21'44	20°28'01
retrograde	-1035 Mar 31 j 13:24	15°♈34'10	
evening set	-1035 Apr 02 j 17:49	15°♈22'26	
inferior conj	-1035 Apr 11 j 19:40	11°♈24'58	0°06'24
minimum elong	-1035 Apr 11 j 19:58	11°♈24'33	0°06'19
transit middle	-1035 Apr 11 j 19:58	11°♈24'33	0°06'19
transit begin	-1035 Apr 11 j 16:15	11°♈29'58	
transit end	-1035 Apr 11 j 23:41	11°♈19'07	
desc. node	-1035 Apr 12 j 04:42	11°♈11'48	
min. Earth dist.	-1035 Apr 13 j 06:46	10°♈33'51	0.55243 AU
morning rise	-1035 Apr 20 j 20:06	7°♈08'38	
direct	-1035 Apr 24 j 11:01	6°♈40'07	
morning max el	-1035 May 07 j 21:26	13°♈13'57	23°19'24
	-1035 May 20 j 15:50	0°♉	
asc. node	-1035 May 29 j 19:16	17°♉10'33	
morning set	-1035 May 31 j 03:34	19°♉58'23	
	-1035 Jun 04 j 20:24	0°♊	
superior conj	-1035 Jun 07 j 07:05	5°♊15'14	1°18'50
minimum elong	-1035 Jun 07 j 04:32	5°♊01'38	1°18'30
max. Earth dist.	-1035 Jun 09 j 16:18	10°♊19'22	1.33725 AU
evening rise	-1035 Jun 14 j 22:21	21°♊06'12	
	-1035 Jun 19 j 13:09	0°♋	
	-1035 Jul 08 j 05:37	0°♌	
desc. node	-1035 Jul 09 j 04:01	1°♌14'28	
evening max el	-1035 Jul 18 j 21:58	12°♌25'51	27°21'32
retrograde	-1035 Aug 01 j 10:51	19°♌46'25	
evening set	-1035 Aug 08 j 13:18	17°♌03'09	
min. Earth dist.	-1035 Aug 12 j 06:08	13°♌38'46	0.64246 AU
inferior conj	-1035 Aug 14 j 15:18	11°♌06'13	-3°-21'-17
minimum elong	-1035 Aug 14 j 19:44	10°♌54'21	3°20'01
morning rise	-1035 Aug 21 j 04:00	5°♌39'44	
direct	-1035 Aug 23 j 18:21	5°♌05'12	
asc. node	-1035 Aug 25 j 18:28	5°♌25'55	
morning max el	-1035 Aug 30 j 06:47	8°♌32'27	17°59'50
	-1035 Sep 13 j 16:00	0°♍	
morning set	-1035 Sep 16 j 14:13	4°♍59'13	
superior conj	-1035 Sep 29 j 17:59	26°♍55'29	0°34'53
minimum elong	-1035 Sep 29 j 21:47	27°♍10'54	0°34'22
	-1035 Oct 01 j 15:39	0°♎	
max. Earth dist.	-1035 Oct 04 j 19:05	5°♎01'39	1.44384 AU
desc. node	-1035 Oct 05 j 03:23	5°♎34'36	
evening rise	-1035 Oct 16 j 02:25	22°♎42'13	
	-1035 Oct 20 j 20:32	0°♏	
greatest brilliancy	-1035 Nov 05 j 12:20	23°♏04'33	-0.6m
	-1035 Nov 11 j 01:15	0°♐	
evening max el	-1035 Nov 12 j 01:46	1°♐05'29	20°16'04
retrograde	-1035 Nov 19 j 21:49	5°♐41'52	
asc. node	-1035 Nov 21 j 17:39	5°♐22'46	
evening set	-1035 Nov 23 j 13:48	4°♐23'52	
	-1035 Nov 27 j 18:35	30°℞♏	
inferior conj	-1035 Nov 29 j 01:43	28°♏16'41	2°19'56
minimum elong	-1035 Nov 28 j 23:02	28°♏25'41	2°19'00
min. Earth dist.	-1035 Nov 29 j 19:59	27°♏15'14	0.66919 AU
morning rise	-1035 Dec 04 j 07:44	22°♏01'27	
direct	-1035 Dec 10 j 00:17	19°♏31'49	
morning max el	-1035 Dec 21 j 13:44	26°♏24'52	24°50'52
	-1035 Dec 24 j 21:32	0°♐	
desc. node	-1034 Jan 01 j 02:37	8°♐59'42	
	-1034 Jan 15 j 10:52	0°♑	
morning set	-1034 Jan 26 j 16:02	18°♑47'14	
max. Earth dist.	-1034 Jan 30 j 09:11	25°♑29'51	1.37178 AU
	-1034 Feb 01 j 19:11	0°♒	
superior conj	-1034 Feb 05 j 21:01	7°♒49'44	-1°-40'-8
minimum elong	-1034 Feb 06 j 00:39	8°♒07'28	1°39'47
evening rise	-1034 Feb 14 j 08:07	24°♒41'56	
	-1034 Feb 17 j 00:26	0°♓	
asc. node	-1034 Feb 17 j 16:57	1°♓20'11	
evening max el	-1034 Mar 03 j 08:07	22°♓09'39	19°23'16
retrograde	-1034 Mar 12 j 12:15	26°♓33'17	
evening set	-1034 Mar 14 j 17:24	26°♓19'04	
inferior conj	-1034 Mar 23 j 02:44	22°♓11'33	1°52'40
minimum elong	-1034 Mar 23 j 06:50	22°♓04'49	1°51'25
min. Earth dist.	-1034 Mar 25 j 21:27	20°♓22'40	0.56311 AU
desc. node	-1034 Mar 30 j 01:45	18°♓03'17	
morning rise	-1034 Mar 31 j 16:29	17°♓24'18	
direct	-1034 Apr 05 j 09:14	16°♓34'01	
morning max el	-1034 Apr 19 j 12:11	23°♓44'48	24°58'51
	-1034 Apr 25 j 03:46	0°♈	
	-1034 May 13 j 06:01	0°♉	
morning set	-1034 May 15 j 15:36	4°♉57'58	
asc. node	-1034 May 16 j 16:18	7°♉08'35	
superior conj	-1034 May 22 j 16:40	20°♉10'22	0°59'38
minimum elong	-1034 May 22 j 14:24	19°♉58'04	0°59'15
max. Earth dist.	-1034 May 23 j 23:28	22°♉57'36	1.32926 AU
	-1034 May 27 j 06:22	0°♊	
evening rise	-1034 May 29 j 22:32	5°♊33'39	
	-1034 Jun 12 j 04:05	0°♋	
desc. node	-1034 Jun 26 j 01:02	19°♋39'59	
evening max el	-1034 Jul 01 j 06:55	25°♋16'22	27°21'27
	-1034 Jul 07 j 05:37	0°♌	
retrograde	-1034 Jul 15 j 02:04	2°♌35'24	
evening set	-1034 Jul 22 j 06:21	0°♌06'16	
	-1034 Jul 22 j 09:58	30°℞♋	
min. Earth dist.	-1034 Jul 25 j 20:17	27°♋11'14	0.62533 AU
inferior conj	-1034 Jul 28 j 18:18	24°♋24'38	-4°-3'-30

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1034 Jul 28 j 22:33	24°♋14'27	4°02'41
morning rise	-1034 Aug 04 j 17:11	19°♋17'33	
direct	-1034 Aug 07 j 04:43	18°♋49'40	
asc. node	-1034 Aug 12 j 15:32	21°♋06'26	
morning max el	-1034 Aug 13 j 21:57	22°♋15'03	17°54'18
	-1034 Aug 19 j 21:41	0°♌	
morning set	-1034 Aug 30 j 02:42	17°♌31'51	
	-1034 Sep 06 j 03:43	0°♍	
superior conj	-1034 Sep 10 j 09:29	7°♍17'45	1°11'40
minimum elong	-1034 Sep 10 j 14:40	7°♍39'44	1°11'06
max. Earth dist.	-1034 Sep 17 j 09:40	18°♍56'08	1.43164 AU
desc. node	-1034 Sep 22 j 00:24	26°♍20'21	
	-1034 Sep 24 j 08:11	0°♎	
evening rise	-1034 Sep 25 j 09:08	1°♎37'25	
	-1034 Oct 14 j 10:41	0°♏	
greatest brilliancy	-1034 Oct 20 j 22:23	8°♏41'44	-0.4m
evening max el	-1034 Oct 26 j 00:10	14°♏33'15	21°25'08
retrograde	-1034 Nov 03 j 18:47	19°♏46'02	
evening set	-1034 Nov 07 j 21:32	18°♏11'32	
asc. node	-1034 Nov 08 j 14:42	17°♏35'32	
inferior conj	-1034 Nov 13 j 07:19	11°♏55'11	1°33'54
minimum elong	-1034 Nov 13 j 05:19	12°♏02'06	1°33'05
min. Earth dist.	-1034 Nov 13 j 14:03	11°♏32'00	0.67427 AU
morning rise	-1034 Nov 18 j 12:47	5°♏39'33	
direct	-1034 Nov 23 j 13:52	3°♏31'00	
morning max el	-1034 Dec 03 j 22:45	9°♏41'23	23°24'00
greatest brilliancy	-1034 Dec 09 j 11:08	15°♏54'53	-0.2m
desc. node	-1034 Dec 18 j 23:39	28°♏37'12	
	-1034 Dec 19 j 22:52	0°♐	
morning set	-1033 Jan 07 j 22:25	29°♐32'18	
	-1033 Jan 08 j 05:00	0°♑	
max. Earth dist.	-1033 Jan 12 j 04:32	6°♑49'43	1.39250 AU
superior conj	-1033 Jan 19 j 18:04	20°♑28'26	-1°-55'-5
minimum elong	-1033 Jan 19 j 20:36	20°♑40'17	1°54'59
	-1033 Jan 24 j 18:45	0°♒	
evening rise	-1033 Jan 29 j 02:22	8°♒20'27	
asc. node	-1033 Feb 04 j 13:59	20°♒31'06	
	-1033 Feb 10 j 12:23	0°♓	
evening max el	-1033 Feb 14 j 09:06	4°♓32'18	18°38'20
retrograde	-1033 Feb 22 j 05:18	8°♓21'27	
evening set	-1033 Feb 24 j 14:26	8°♓01'35	
inferior conj	-1033 Mar 04 j 05:39	3°♓35'17	3°05'45
minimum elong	-1033 Mar 04 j 09:48	3°♓27'19	3°04'52
min. Earth dist.	-1033 Mar 07 j 14:40	1°♓01'25	0.58032 AU
	-1033 Mar 09 j 01:56	30°♒℞	
morning rise	-1033 Mar 12 j 01:13	28°♒17'36	
desc. node	-1033 Mar 16 j 22:46	26°♒55'21	
direct	-1033 Mar 17 j 20:42	26°♒53'15	
	-1033 Mar 26 j 19:15	0°♓	
morning max el	-1033 Apr 01 j 04:42	4°♓26'17	26°24'46
	-1033 Apr 19 j 18:43	0°♈	
morning set	-1033 Apr 30 j 02:44	19°♈55'04	
asc. node	-1033 May 03 j 13:19	27°♈15'59	
	-1033 May 04 j 19:27	0°♉	
superior conj	-1033 May 07 j 04:08	5°♉10'28	0°37'24
minimum elong	-1033 May 07 j 02:34	5°♉01'50	0°37'05
max. Earth dist.	-1033 May 07 j 11:25	5°♉50'25	1.32488 AU
evening rise	-1033 May 14 j 04:46	20°♉18'46	
	-1033 May 19 j 00:13	0°♊	
	-1033 Jun 06 j 17:18	0°♋	
desc. node	-1033 Jun 12 j 22:02	6°♋56'57	
evening max el	-1033 Jun 13 j 10:40	7°♋27'26	26°48'22
retrograde	-1033 Jun 27 j 10:03	14°♋44'18	
evening set	-1033 Jul 04 j 05:37	12°♋42'56	
min. Earth dist.	-1033 Jul 08 j 00:11	10°♋03'53	0.60557 AU
inferior conj	-1033 Jul 11 j 07:21	7°♋18'54	-4°-31'-51
minimum elong	-1033 Jul 11 j 09:50	7°♋13'41	4°31'38
morning rise	-1033 Jul 18 j 17:13	2°♋34'02	
direct	-1033 Jul 21 j 04:07	2°♋10'44	
morning max el	-1033 Jul 28 j 10:18	5°♋43'46	18°07'47
asc. node	-1033 Jul 30 j 12:34	7°♋59'55	
	-1033 Aug 12 j 20:28	0°♌	
morning set	-1033 Aug 13 j 07:36	0°♌52'03	
superior conj	-1033 Aug 23 j 03:40	18°♌59'27	1°34'59
minimum elong	-1033 Aug 23 j 07:20	19°♌15'49	1°34'43
	-1033 Aug 29 j 11:06	0°♍	
max. Earth dist.	-1033 Aug 30 j 18:29	2°♍12'45	1.41451 AU
evening rise	-1033 Sep 05 j 05:10	11°♍10'58	
desc. node	-1033 Sep 08 j 21:25	17°♍02'17	
	-1033 Sep 17 j 09:16	0°♎	
greatest brilliancy	-1033 Oct 03 j 19:08	22°♎31'32	-0.3m
evening max el	-1033 Oct 08 j 16:53	28°♎01'29	22°42'38
	-1033 Oct 10 j 18:56	0°♏	
retrograde	-1033 Oct 18 j 13:40	3°♏53'13	
evening set	-1033 Oct 23 j 05:07	2°♏00'39	
	-1033 Oct 25 j 05:56	30°♑℞	
asc. node	-1033 Oct 26 j 11:45	28°♎29'14	
inferior conj	-1033 Oct 28 j 14:15	25°♎38'50	0°43'16
minimum elong	-1033 Oct 28 j 13:15	25°♎42'17	0°42'51
min. Earth dist.	-1033 Oct 28 j 10:25	25°♎52'05	0.67603 AU
morning rise	-1033 Nov 02 j 21:19	19°♎25'11	
direct	-1033 Nov 07 j 07:25	17°♎39'11	
morning max el	-1033 Nov 16 j 11:30	23°♎04'04	21°58'03
greatest brilliancy	-1033 Nov 21 j 06:13	28°♎28'31	-0.4m
	-1033 Nov 22 j 11:30	0°♏	
desc. node	-1033 Dec 05 j 20:42	18°♏39'34	
	-1033 Dec 13 j 08:20	0°♐	
morning set	-1033 Dec 18 j 23:45	8°♐53'17	
max. Earth dist.	-1033 Dec 25 j 03:09	18°♐55'51	1.41323 AU
	-1033 Dec 31 j 14:36	0°♑	
superior conj	-1032 Jan 01 j 19:57	2°♑08'53	-2°00'-11
minimum elong	-1032 Jan 01 j 19:32	2°♑07'03	2°00'13
evening rise	-1032 Jan 12 j 09:24	21°♑22'09	
	-1032 Jan 17 j 02:06	0°♒	
asc. node	-1032 Jan 22 j 11:01	9°♒11'15	
evening max el	-1032 Jan 28 j 16:52	17°♒21'36	18°13'28
retrograde	-1032 Feb 04 j 16:26	20°♒52'02	
evening set	-1032 Feb 07 j 05:40	20°♒24'45	
inferior conj	-1032 Feb 14 j 05:10	15°♒37'09	3°43'46
minimum elong	-1032 Feb 14 j 07:12	15°♒32'36	3°43'34
min. Earth dist.	-1032 Feb 17 j 13:11	12°♒40'13	0.60077 AU
morning rise	-1032 Feb 21 j 05:31	9°♒57'11	
direct	-1032 Feb 27 j 20:32	7°♒54'43	
desc. node	-1032 Mar 02 j 19:49	8°♒36'07	
morning max el	-1032 Mar 13 j 02:50	15°♒40'02	27°23'07
	-1032 Mar 24 j 19:26	0°♓	
	-1032 Apr 11 j 03:50	0°♈	
morning set	-1032 Apr 13 j 11:09	4°♈42'09	
asc. node	-1032 Apr 19 j 10:20	17°♈27'23	
max. Earth dist.	-1032 Apr 20 j 00:18	18°♈43'45	1.32406 AU
superior conj	-1032 Apr 20 j 15:45	20°♈08'19	0°12'56
minimum elong	-1032 Apr 20 j 15:10	20°♈05'07	0°12'49
behind sun begin	-1032 Apr 20 j 12:12	19°♈48'54	
behind sun end	-1032 Apr 20 j 18:07	20°♈21'21	
	-1032 Apr 25 j 04:08	0°♉	
evening rise	-1032 Apr 27 j 14:39	5°♉12'26	
	-1032 May 10 j 19:21	0°♊	
evening max el	-1032 May 25 j 07:38	18°♊53'24	25°44'24

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-1032 May 29 j 19:03	22°♊36'24	
retrograde	-1032 Jun 08 j 09:12	26°♊06'15	
evening set	-1032 Jun 14 j 07:00	24°♊42'45	
min. Earth dist.	-1032 Jun 18 j 19:58	22°♊01'34	0.58505 AU
inferior conj	-1032 Jun 22 j 02:52	19°♊38'54	-4°-36'-59
minimum elong	-1032 Jun 22 j 01:40	19°♊41'04	4°36'56
morning rise	-1032 Jun 30 j 00:10	15°♊16'42	
direct	-1032 Jul 02 j 12:00	14°♊56'40	
morning max el	-1032 Jul 10 j 16:47	18°♊49'13	18°41'20
asc. node	-1032 Jul 16 j 09:36	25°♊50'39	
	-1032 Jul 19 j 00:16	0°♋	
morning set	-1032 Jul 27 j 00:16	14°♋47'15	
	-1032 Aug 03 j 21:00	0°♌	
superior conj	-1032 Aug 04 j 19:19	1°♌45'30	1°46'04
minimum elong	-1032 Aug 04 j 20:40	1°♌51'54	1°46'01
max. Earth dist.	-1032 Aug 11 j 22:00	14°♌44'02	1.39479 AU
evening rise	-1032 Aug 16 j 01:10	21°♌52'29	
	-1032 Aug 20 j 23:01	0°♍	
desc. node	-1032 Aug 25 j 18:26	7°♍36'22	
	-1032 Sep 10 j 09:22	0°♎	
evening max el	-1032 Sep 20 j 05:42	11°♎32'31	24°03'04
retrograde	-1032 Oct 01 j 05:15	18°♎00'06	
evening set	-1032 Oct 06 j 10:53	15°♎49'10	
inferior conj	-1032 Oct 11 j 20:47	9°♎25'53	0°-10'-21
minimum elong	-1032 Oct 11 j 21:02	9°♎25'03	0°10'16
transit middle	-1032 Oct 11 j 21:02	9°♎25'03	0°10'16
transit begin	-1032 Oct 11 j 18:55	9°♎32'13	
transit end	-1032 Oct 11 j 23:09	9°♎17'53	
min. Earth dist.	-1032 Oct 11 j 06:40	10°♎13'42	0.67465 AU
asc. node	-1032 Oct 12 j 08:47	8°♎45'18	
morning rise	-1032 Oct 17 j 07:24	3°♎16'55	
direct	-1032 Oct 21 j 04:01	1°♎52'12	
morning max el	-1032 Oct 29 j 06:49	6°♎35'41	20°40'11
greatest brilliancy	-1032 Nov 04 j 08:24	13°♎46'28	-0.5m
	-1032 Nov 15 j 18:32	0°♏	
desc. node	-1032 Nov 21 j 17:45	8°♏59'47	
morning set	-1032 Nov 27 j 01:27	17°♏11'23	
	-1032 Dec 05 j 04:04	0°♐	
max. Earth dist.	-1032 Dec 06 j 08:52	1°♐56'03	1.43109 AU
superior conj	-1032 Dec 12 j 21:21	12°♐39'21	-1°-51'-2
minimum elong	-1032 Dec 12 j 16:25	12°♐18'44	1°50'47
	-1032 Dec 22 j 23:32	0°♑	
evening rise	-1032 Dec 25 j 01:13	3°♑39'04	
asc. node	-1031 Jan 08 j 08:04	27°♑11'23	
	-1031 Jan 10 j 16:51	0°♒	
evening max el	-1031 Jan 11 j 04:30	0°♒29'57	18°08'15
retrograde	-1031 Jan 17 j 18:01	3°♒55'43	
evening set	-1031 Jan 20 j 11:12	3°♒19'53	
	-1031 Jan 25 j 02:06	30°℞♑	
inferior conj	-1031 Jan 26 j 22:15	28°♑11'00	3°53'43
minimum elong	-1031 Jan 26 j 21:58	28°♑11'43	3°53'42
min. Earth dist.	-1031 Jan 29 j 19:35	25°♑15'37	0.62125 AU
morning rise	-1031 Feb 02 j 06:29	22°♑16'50	
direct	-1031 Feb 09 j 06:21	19°♑43'55	
desc. node	-1031 Feb 17 j 16:53	22°♑50'53	
morning max el	-1031 Feb 23 j 06:53	27°♑34'09	27°45'55
	-1031 Feb 25 j 14:56	0°♒	
	-1031 Mar 18 j 11:16	0°♓	
morning set	-1031 Mar 28 j 14:49	19°♓12'05	
	-1031 Apr 02 j 18:37	0°♈	
max. Earth dist.	-1031 Apr 03 j 10:15	1°♈24'01	1.32696 AU
superior conj	-1031 Apr 05 j 01:51	4°♈58'13	0°-12'-58
minimum elong	-1031 Apr 05 j 02:27	5°♈01'30	0°12'51
behind sun begin	-1031 Apr 04 j 23:26	4°♈45'03	
behind sun end	-1031 Apr 05 j 05:29	5°♈17'58	
asc. node	-1031 Apr 06 j 07:23	7°♈38'44	
evening rise	-1031 Apr 12 j 02:16	20°♈07'51	
	-1031 Apr 16 j 22:24	0°♉	
evening max el	-1031 May 06 j 23:28	29°♉43'17	24°18'04
	-1031 May 07 j 06:29	0°♊	
desc. node	-1031 May 16 j 16:04	6°♊02'47	
retrograde	-1031 May 20 j 20:55	6°♊43'11	
evening set	-1031 May 25 j 10:20	5°♊56'45	
min. Earth dist.	-1031 May 31 j 11:00	2°♊57'20	0.56682 AU
inferior conj	-1031 Jun 03 j 02:24	1°♊17'15	-4°-6'-50
minimum elong	-1031 Jun 02 j 20:56	1°♊25'58	4°05'54
	-1031 Jun 05 j 04:15	30°℞♉	
morning rise	-1031 Jun 11 j 11:22	27°♉13'55	
direct	-1031 Jun 14 j 01:15	26°♉56'01	
	-1031 Jun 22 j 00:07	0°♊	
morning max el	-1031 Jun 23 j 14:31	1°♊21'56	19°35'42
asc. node	-1031 Jul 03 j 06:39	14°♊25'44	
morning set	-1031 Jul 11 j 01:16	29°♊08'45	
	-1031 Jul 11 j 11:29	0°♋	
superior conj	-1031 Jul 19 j 02:51	15°♋20'08	1°47'13
minimum elong	-1031 Jul 19 j 02:15	15°♋17'09	1°47'12
max. Earth dist.	-1031 Jul 25 j 00:54	26°♋41'51	1.37514 AU
	-1031 Jul 26 j 19:53	0°♌	
evening rise	-1031 Jul 28 j 21:50	3°♌45'26	
desc. node	-1031 Aug 12 j 15:26	27°♌57'44	
	-1031 Aug 14 j 00:06	0°♍	
evening max el	-1031 Sep 02 j 17:07	25°♍07'17	25°19'15
	-1031 Sep 08 j 16:10	0°♎	
retrograde	-1031 Sep 14 j 16:29	2°♎02'05	
	-1031 Sep 20 j 00:26	30°℞♍	
evening set	-1031 Sep 20 j 13:01	29°♍34'16	
min. Earth dist.	-1031 Sep 25 j 00:20	24°♍34'22	0.67014 AU
inferior conj	-1031 Sep 26 j 01:09	23°♍13'38	-1°-5'-32
minimum elong	-1031 Sep 26 j 02:47	23°♍08'20	1°04'52
asc. node	-1031 Sep 29 j 05:52	19°♍20'49	
morning rise	-1031 Oct 01 j 17:06	17°♍12'23	
direct	-1031 Oct 05 j 02:16	16°♍06'10	
morning max el	-1031 Oct 12 j 09:37	20°♍16'21	19°34'56
	-1031 Oct 20 j 03:43	0°♎	
greatest brilliancy	-1031 Oct 21 j 00:22	1°♎13'33	-0.7m
morning set	-1031 Nov 06 j 00:07	25°♎28'39	
desc. node	-1031 Nov 08 j 14:47	29°♎32'01	
	-1031 Nov 08 j 21:58	0°♏	
max. Earth dist.	-1031 Nov 18 j 21:47	15°♏41'00	1.44371 AU
superior conj	-1031 Nov 22 j 19:43	21°♏55'25	-1°-24'-10
minimum elong	-1031 Nov 22 j 11:45	21°♏23'27	1°23'23
	-1031 Nov 27 j 19:35	0°♐	
evening rise	-1031 Dec 06 j 21:20	15°♐02'10	
	-1031 Dec 15 j 20:21	0°♑	
evening max el	-1031 Dec 25 j 17:04	13°♑49'18	18°21'59
asc. node	-1031 Dec 26 j 05:07	14°♑19'01	
retrograde	-1030 Jan 01 j 05:40	17°♑22'41	
evening set	-1030 Jan 04 j 03:20	16°♑37'07	
inferior conj	-1030 Jan 10 j 04:55	11°♑08'19	3°43'24
minimum elong	-1030 Jan 10 j 03:00	11°♑13'47	3°43'09
min. Earth dist.	-1030 Jan 12 j 11:25	8°♑34'11	0.63937 AU
morning rise	-1030 Jan 16 j 01:10	5°♑04'52	
direct	-1030 Jan 22 j 23:47	2°♑16'02	
desc. node	-1030 Feb 04 j 13:57	9°♑03'18	
morning max el	-1030 Feb 05 j 14:59	10°♑04'06	27°32'23
	-1030 Feb 21 j 07:21	0°♒	
	-1030 Mar 10 j 19:07	0°♓	
morning set	-1030 Mar 12 j 11:13	3°♓16'12	
max. Earth dist.	-1030 Mar 17 j 13:29	13°♓38'50	1.33386 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-1030 Mar 20 j 08:39	19°♓33'44	0°-39'-22
minimum elong	-1030 Mar 20 j 10:30	19°♓43'38	0°39'00
asc. node	-1030 Mar 24 j 04:27	27°♓45'44	
	-1030 Mar 25 j 05:31	0°♈	
evening rise	-1030 Mar 27 j 13:47	4°♈58'28	
	-1030 Apr 10 j 05:24	0°♉	
evening max el	-1030 Apr 18 j 15:19	10°♉20'20	22°43'05
retrograde	-1030 May 01 j 19:39	16°♉50'33	
desc. node	-1030 May 03 j 13:05	16°♉43'56	
evening set	-1030 May 05 j 00:37	16°♉28'03	
min. Earth dist.	-1030 May 13 j 00:06	12°♉58'41	0.55432 AU
inferior conj	-1030 May 14 j 07:23	12°♉13'55	-2°-52'-43
minimum elong	-1030 May 14 j 00:36	12°♉23'38	2°50'47
morning rise	-1030 May 23 j 03:08	8°♉19'35	
direct	-1030 May 25 j 21:08	8°♉01'57	
morning max el	-1030 Jun 06 j 01:31	13°♉14'12	20°50'29
	-1030 Jun 18 j 04:58	0°♊	
asc. node	-1030 Jun 20 j 03:44	3°♊34'39	
morning set	-1030 Jun 25 j 08:00	13°♊49'48	
superior conj	-1030 Jul 02 j 21:46	29°♊30'42	1°40'39
minimum elong	-1030 Jul 02 j 19:53	29°♊21'03	1°40'33
	-1030 Jul 03 j 03:30	0°♋	
max. Earth dist.	-1030 Jul 07 j 09:29	8°♋32'14	1.35767 AU
evening rise	-1030 Jul 11 j 14:58	16°♋39'28	
	-1030 Jul 19 j 02:18	0°♌	
desc. node	-1030 Jul 30 j 12:27	18°♌00'31	
	-1030 Aug 08 j 09:18	0°♍	
evening max el	-1030 Aug 16 j 04:47	8°♍43'04	26°23'17
retrograde	-1030 Aug 28 j 22:45	15°♍54'32	
evening set	-1030 Sep 04 j 09:33	13°♍13'58	
min. Earth dist.	-1030 Sep 08 j 12:56	8°♍51'46	0.66232 AU
inferior conj	-1030 Sep 10 j 01:32	6°♍59'50	-2°00'-29
minimum elong	-1030 Sep 10 j 04:30	6°♍50'43	1°59'21
morning rise	-1030 Sep 16 j 00:26	1°♍09'38	
asc. node	-1030 Sep 16 j 02:56	1°♍06'11	
direct	-1030 Sep 19 j 00:26	0°♍18'28	
morning max el	-1030 Sep 25 j 19:05	4°♍04'49	18°44'51
	-1030 Oct 13 j 17:47	0°♎	
morning set	-1030 Oct 16 j 18:41	4°♎49'54	
desc. node	-1030 Oct 26 j 11:50	20°♎12'34	
superior conj	-1030 Nov 01 j 22:29	0°♏21'05	0°-41'-5
minimum elong	-1030 Nov 01 j 17:11	0°♏00'13	0°40'26
max. Earth dist.	-1030 Nov 01 j 15:36	29°♎54'03	1.44955 AU
	-1030 Nov 01 j 17:07	0°♏	
evening rise	-1030 Nov 17 j 18:08	25°♏26'17	
	-1030 Nov 20 j 14:22	0°♐	
evening max el	-1030 Dec 09 j 04:01	27°♐14'22	18°53'38
	-1030 Dec 12 j 11:47	0°♑	
asc. node	-1030 Dec 13 j 02:11	0°♑20'07	
retrograde	-1030 Dec 15 j 23:34	1°♑05'45	
evening set	-1030 Dec 19 j 02:55	0°♑09'06	
	-1030 Dec 19 j 08:48	30°℞♐	
inferior conj	-1030 Dec 24 j 21:34	24°♐22'48	3°18'43
minimum elong	-1030 Dec 24 j 18:49	24°♐31'17	3°18'06
min. Earth dist.	-1030 Dec 26 j 12:51	22°♐21'30	0.65391 AU
morning rise	-1030 Dec 30 j 09:44	18°♐12'52	
direct	-1029 Jan 05 j 23:41	15°♐23'00	
morning max el	-1029 Jan 19 j 00:42	23°♐00'00	26°47'03
desc. node	-1029 Jan 22 j 11:02	26°♐40'31	
	-1029 Jan 25 j 06:26	0°♑	
	-1029 Feb 14 j 14:08	0°♒	
morning set	-1029 Feb 23 j 20:58	16°♒43'54	
max. Earth dist.	-1029 Feb 28 j 06:33	25°♒20'19	1.34515 AU
	-1029 Mar 02 j 13:46	0°♓	

superior conj	-1029 Mar 04 j 10:00	3°♓48'03	-1°-5'-5
minimum elong	-1029 Mar 04 j 12:58	4°♓03'27	1°04'35
asc. node	-1029 Mar 11 j 01:30	17°♓43'56	
evening rise	-1029 Mar 11 j 23:23	19°♓37'47	
	-1029 Mar 17 j 03:41	0°♈	
evening max el	-1029 Mar 31 j 13:43	21°♈12'23	21°13'16
retrograde	-1029 Apr 12 j 09:39	26°♈55'56	
evening set	-1029 Apr 14 j 18:33	26°♈42'56	
desc. node	-1029 Apr 20 j 10:09	24°♈42'38	
inferior conj	-1029 Apr 24 j 02:11	22°♈43'47	-1°-2'-27
minimum elong	-1029 Apr 23 j 23:14	22°♈47'56	1°01'24
min. Earth dist.	-1029 Apr 24 j 13:10	22°♈28'18	0.55035 AU
morning rise	-1029 May 03 j 03:47	18°♈41'15	
direct	-1029 May 06 j 07:53	18°♈19'26	
morning max el	-1029 May 19 j 01:49	24°♈24'18	22°22'11
	-1029 May 24 j 03:35	0°♉	
asc. node	-1029 Jun 07 j 00:47	23°♉08'01	
morning set	-1029 Jun 09 j 18:12	28°♉42'52	
	-1029 Jun 10 j 08:57	0°♊	
superior conj	-1029 Jun 17 j 00:26	14°♊05'28	1°28'11
minimum elong	-1029 Jun 16 j 21:57	13°♊52'24	1°27'55
max. Earth dist.	-1029 Jun 20 j 03:05	20°♊35'26	1.34359 AU
evening rise	-1029 Jun 24 j 23:23	0°♋19'28	
	-1029 Jun 24 j 19:24	0°♋	
	-1029 Jul 12 j 03:14	0°♌	
desc. node	-1029 Jul 17 j 09:28	7°♌35'40	
evening max el	-1029 Jul 29 j 16:30	22°♌10'13	27°07'33
retrograde	-1029 Aug 11 j 23:40	29°♌29'35	
evening set	-1029 Aug 18 j 22:00	26°♌43'52	
min. Earth dist.	-1029 Aug 22 j 18:08	22°♌59'31	0.65084 AU
inferior conj	-1029 Aug 24 j 19:42	20°♌39'47	-2°-53'-8
minimum elong	-1029 Aug 24 j 23:46	20°♌28'18	2°51'49
morning rise	-1029 Aug 31 j 03:02	15°♌03'56	
direct	-1029 Sep 02 j 20:12	14°♌24'20	
asc. node	-1029 Sep 03 j 00:00	14°♌24'28	
morning max el	-1029 Sep 09 j 08:57	17°♌55'57	18°11'17
	-1029 Sep 18 j 05:50	0°♍	
morning set	-1029 Sep 27 j 17:32	15°♍34'20	
	-1029 Oct 06 j 12:37	0°♎	
superior conj	-1029 Oct 12 j 01:45	8°♎54'03	0°08'28
minimum elong	-1029 Oct 12 j 02:48	8°♎58'15	0°08'19
behind sun begin	-1029 Oct 11 j 17:21	8°♎20'36	
behind sun end	-1029 Oct 12 j 12:16	9°♎35'51	
desc. node	-1029 Oct 13 j 08:51	10°♎57'36	
max. Earth dist.	-1029 Oct 15 j 10:21	14°♎13'22	1.44796 AU
	-1029 Oct 25 j 12:10	0°♏	
evening rise	-1029 Oct 28 j 15:43	4°♏53'42	
	-1029 Nov 14 j 03:03	0°♐	
greatest brilliancy	-1029 Nov 14 j 11:53	0°♐31'47	-0.7m
evening max el	-1029 Nov 22 j 11:05	10°♐41'21	19°41'48
retrograde	-1029 Nov 29 j 20:34	14°♐59'41	
asc. node	-1029 Nov 29 j 23:13	14°♐59'37	
evening set	-1029 Dec 03 j 07:18	13°♐50'06	
inferior conj	-1029 Dec 08 j 21:07	7°♐49'24	2°43'43
minimum elong	-1029 Dec 08 j 18:16	7°♐58'49	2°42'50
min. Earth dist.	-1029 Dec 09 j 22:34	6°♐25'49	0.66458 AU
morning rise	-1029 Dec 14 j 04:33	1°♐35'19	
	-1029 Dec 16 j 08:37	30°℞♏	
direct	-1029 Dec 20 j 05:26	28°♏56'01	
	-1029 Dec 24 j 10:49	0°♐	
morning max el	-1028 Jan 01 j 09:57	6°♐09'40	25°37'52
desc. node	-1028 Jan 09 j 08:06	15°♐17'38	
	-1028 Jan 19 j 21:51	0°♑	
morning set	-1028 Feb 06 j 15:31	29°♑21'59	
	-1028 Feb 06 j 23:50	0°♒	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

max. Earth dist.	-1028 Feb 10 j 11:51	6°♒31'54	1.36085 AU	
superior conj	-1028 Feb 16 j 03:15	17°♒33'23	-1°-28'-31	
minimum elong	-1028 Feb 16 j 06:53	17°♒51'35	1°28'03	
	-1028 Feb 22 j 06:05	0°♓		
evening rise	-1028 Feb 24 j 05:00	3°♓59'19		
asc. node	-1028 Feb 25 j 22:33	7°♓28'41		
	-1028 Mar 10 j 11:24	0°♈		
evening max el	-1028 Mar 12 j 22:48	2°♈38'58	19°58'09	
retrograde	-1028 Mar 23 j 02:04	7°♈30'00		
evening set	-1028 Mar 25 j 05:43	7°♈17'51		
inferior conj	-1028 Apr 03 j 01:09	3°♈17'24	0°54'39	
minimum elong	-1028 Apr 03 j 03:29	3°♈13'49	0°53'50	
min. Earth dist.	-1028 Apr 05 j 03:25	2°♈00'58	0.55592 AU	
desc. node	-1028 Apr 06 j 07:11	1°♈20'16		
	-1028 Apr 08 j 20:09	30°℞♓		
morning rise	-1028 Apr 11 j 22:18	28°♓48'29		
direct	-1028 Apr 15 j 23:05	28°♓12'40		
	-1028 Apr 22 j 21:17	0°♈		
morning max el	-1028 Apr 29 j 18:44	5°♈04'21	24°02'21	
	-1028 May 17 j 08:37	0°♉		
asc. node	-1028 May 23 j 21:51	12°♉59'09		
morning set	-1028 May 24 j 06:03	13°♉42'09		
superior conj	-1028 May 31 j 08:09	28°♉55'53	1°11'08	
minimum elong	-1028 May 31 j 05:40	28°♉42'31	1°10'45	
	-1028 May 31 j 20:03	0°♊		
max. Earth dist.	-1028 Jun 02 j 05:45	3°♊00'45	1.33339 AU	
evening rise	-1028 Jun 07 j 18:50	14°♊33'05		
	-1028 Jun 15 j 21:55	0°♋		
desc. node	-1028 Jul 03 j 06:28	26°♋31'22		
	-1028 Jul 06 j 03:18	0°♌		
evening max el	-1028 Jul 11 j 02:57	5°♌17'31	27°25'14	
retrograde	-1028 Jul 24 j 18:56	12°♌38'26		
evening set	-1028 Jul 31 j 23:17	9°♌59'08		
min. Earth dist.	-1028 Aug 04 j 14:07	6°♌48'40	0.63561 AU	
inferior conj	-1028 Aug 07 j 05:06	4°♌08'14	-3°-40'-27	
minimum elong	-1028 Aug 07 j 09:37	3°♌56'42	3°39'20	
	-1028 Aug 11 j 19:34	30°℞♋		
morning rise	-1028 Aug 13 j 22:04	28°♋49'56		
direct	-1028 Aug 16 j 10:51	28°♋18'41		
asc. node	-1028 Aug 19 j 21:03	29°♋16'27		
	-1028 Aug 21 j 00:14	0°♌		
morning max el	-1028 Aug 23 j 00:31	1°♌44'04	17°55'11	
morning set	-1028 Sep 08 j 17:58	27°♌32'22		
	-1028 Sep 10 j 03:56	0°♍		
superior conj	-1028 Sep 21 j 01:32	18°♍30'02	0°52'06	
minimum elong	-1028 Sep 21 j 06:25	18°♍50'12	0°51'29	
max. Earth dist.	-1028 Sep 27 j 02:41	28°♍20'07	1.43933 AU	
	-1028 Sep 28 j 03:41	0°♎		
desc. node	-1028 Sep 29 j 05:51	1°♎44'05		
evening rise	-1028 Oct 06 j 22:52	13°♎47'39		
	-1028 Oct 17 j 15:05	0°♏		
greatest brilliancy	-1028 Oct 29 j 17:16	17°♏13'41	-0.5m	
evening max el	-1028 Nov 04 j 12:46	24°♏08'40	20°44'12	
retrograde	-1028 Nov 12 j 18:06	29°♏00'35		
asc. node	-1028 Nov 15 j 20:16	28°♏06'04		
evening set	-1028 Nov 16 j 14:18	27°♏35'58		
inferior conj	-1028 Nov 22 j 01:06	21°♏24'20	2°01'04	
minimum elong	-1028 Nov 21 j 22:40	21°♏32'39	2°00'10	
min. Earth dist.	-1028 Nov 22 j 14:21	20°♏39'10	0.67166 AU	
morning rise	-1028 Nov 27 j 06:34	15°♏08'22		
direct	-1028 Dec 02 j 16:29	12°♏47'16		
morning max el	-1028 Dec 13 j 18:22	19°♏23'56	24°14'23	
	-1028 Dec 22 j 18:36	0°♐		
desc. node	-1028 Dec 26 j 05:07	4°♐36'39		
	-1027 Jan 12 j 01:36	0°♑		
morning set	-1027 Jan 18 j 12:52	10°♑52'44		
max. Earth dist.	-1027 Jan 22 j 08:10	17°♑35'42	1.38029 AU	
superior conj	-1027 Jan 29 j 08:51	0°♒39'13	-1°-47'-26	
minimum elong	-1027 Jan 29 j 12:13	0°♒55'22	1°47'11	
	-1027 Jan 29 j 00:39	0°♒		
evening rise	-1027 Feb 07 j 04:09	17°♒54'59		
asc. node	-1027 Feb 11 j 19:34	26°♒53'38		
	-1027 Feb 13 j 12:06	0°♓		
evening max el	-1027 Feb 23 j 18:37	14°♓42'38	19°01'49	
retrograde	-1027 Mar 04 j 08:01	18°♓49'37		
evening set	-1027 Mar 06 j 14:36	18°♓33'24		
inferior conj	-1027 Mar 14 j 16:10	14°♓18'56	2°28'06	
minimum elong	-1027 Mar 14 j 20:42	14°♓10'59	2°26'53	
min. Earth dist.	-1027 Mar 17 j 19:15	12°♓08'26	0.56976 AU	
morning rise	-1027 Mar 22 j 22:39	9°♓17'42		
desc. node	-1027 Mar 24 j 04:14	8°♓51'17		
direct	-1027 Mar 28 j 03:13	8°♓13'54		
morning max el	-1027 Apr 11 j 09:36	15°♓36'39	25°37'50	
	-1027 Apr 22 j 23:30	0°♈		
morning set	-1027 May 08 j 17:53	28°♈41'21		
	-1027 May 09 j 08:47	0°♉		
asc. node	-1027 May 10 j 18:52	3°♉01'50		
superior conj	-1027 May 15 j 18:46	13°♉54'12	0°50'33	
minimum elong	-1027 May 15 j 16:45	13°♉43'11	0°50'10	
max. Earth dist.	-1027 May 16 j 15:11	15°♉45'39	1.32696 AU	
evening rise	-1027 May 22 j 21:54	29°♉09'18		
	-1027 May 23 j 07:45	0°♊		
	-1027 Jun 09 j 02:28	0°♋		
desc. node	-1027 Jun 20 j 03:29	14°♋31'01		
evening max el	-1027 Jun 23 j 10:00	17°♋52'51	27°11'25	
retrograde	-1027 Jul 07 j 07:35	25°♋11'32		
evening set	-1027 Jul 14 j 09:23	22°♋52'42		
min. Earth dist.	-1027 Jul 18 j 00:03	20°♋06'13	0.61714 AU	
inferior conj	-1027 Jul 21 j 02:37	17°♋17'57	-4°-17'-45	
minimum elong	-1027 Jul 21 j 06:22	17°♋09'28	4°17'10	
morning rise	-1027 Jul 28 j 06:07	12°♋19'59		
direct	-1027 Jul 30 j 16:58	11°♋54'24		
morning max el	-1027 Aug 06 j 14:52	15°♋22'11	17°57'34	
asc. node	-1027 Aug 06 j 18:05	15°♋30'07		
	-1027 Aug 16 j 18:32	0°♌		
morning set	-1027 Aug 22 j 14:08	10°♌27'28		
superior conj	-1027 Sep 02 j 04:52	29°♌27'48	1°23'11	
minimum elong	-1027 Sep 02 j 09:37	29°♌48'25	1°22'43	
	-1027 Sep 02 j 12:18	0°♍		
max. Earth dist.	-1027 Sep 09 j 14:35	11°♍59'03	1.42483 AU	
evening rise	-1027 Sep 16 j 09:20	22°♍54'38		
desc. node	-1027 Sep 16 j 02:51	22°♍29'04		
	-1027 Sep 20 j 22:39	0°♎		
	-1027 Oct 11 j 20:05	0°♏		
greatest brilliancy	-1027 Oct 13 j 14:13	2°♏12'28	-0.4m	
evening max el	-1027 Oct 18 j 08:42	7°♏37'06	21°57'27	
retrograde	-1027 Oct 27 j 14:18	13°♏06'29		
evening set	-1027 Oct 31 j 22:09	11°♏24'41		
asc. node	-1027 Nov 02 j 17:17	9°♏42'16		
inferior conj	-1027 Nov 06 j 07:30	5°♏05'43	1°12'53	
minimum elong	-1027 Nov 06 j 05:53	5°♏11'18	1°12'14	
min. Earth dist.	-1027 Nov 06 j 09:45	4°♏57'57	0.67541 AU	
	-1027 Nov 10 j 08:01	30°℞♎		
morning rise	-1027 Nov 11 j 13:23	28°♎50'27		
direct	-1027 Nov 16 j 08:03	26°♎51'13		
	-1027 Nov 23 j 05:43	0°♏		
morning max el	-1027 Nov 26 j 04:22	2°♏42'16	22°46'45	
greatest brilliancy	-1027 Nov 30 j 21:01	7°♏57'44	-0.3m	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-1027 Dec 13 j 02:10	24°♏26'00	
	-1027 Dec 16 j 21:02	0°♐	
morning set	-1027 Dec 30 j 06:59	21°♐01'28	
max. Earth dist.	-1026 Jan 04 j 03:37	29°♐10'39	1.40150 AU
	-1026 Jan 04 j 15:09	0°♑	
superior conj	-1026 Jan 11 j 22:23	12°♑54'42	-1°-58'-42
minimum elong	-1026 Jan 11 j 23:55	13°♑01'42	1°58'42
	-1026 Jan 21 j 01:33	0°♒	
evening rise	-1026 Jan 21 j 18:01	1°♒18'12	
asc. node	-1026 Jan 29 j 16:36	15°♒52'12	
evening max el	-1026 Feb 06 j 22:53	27°♒17'37	18°25'23
	-1026 Feb 10 j 14:32	0°♓	
retrograde	-1026 Feb 14 j 08:42	0°♓56'27	
evening set	-1026 Feb 16 j 19:47	0°♓33'29	
	-1026 Feb 18 j 06:33	30°℞♒	
inferior conj	-1026 Feb 24 j 03:56	25°♒58'25	3°25'47
minimum elong	-1026 Feb 24 j 07:19	25°♒51'30	3°25'14
min. Earth dist.	-1026 Feb 27 j 14:14	23°♒11'43	0.58887 AU
morning rise	-1026 Mar 03 j 15:11	20°♒30'28	
direct	-1026 Mar 09 j 20:28	18°♒49'26	
desc. node	-1026 Mar 11 j 01:17	18°♒53'09	
morning max el	-1026 Mar 24 j 03:53	26°♒28'21	26°53'32
	-1026 Mar 27 j 12:06	0°♓	
	-1026 Apr 16 j 07:49	0°♈	
morning set	-1026 Apr 23 j 04:03	13°♈34'31	
asc. node	-1026 Apr 27 j 15:54	23°♈11'18	
superior conj	-1026 Apr 30 j 06:29	28°♈53'51	0°27'16
minimum elong	-1026 Apr 30 j 05:18	28°♈47'20	0°27'01
max. Earth dist.	-1026 Apr 30 j 03:57	28°♈39'54	1.32411 AU
	-1026 Apr 30 j 18:32	0°♉	
evening rise	-1026 May 07 j 05:57	13°♉59'01	
	-1026 May 15 j 09:20	0°♊	
evening max el	-1026 Jun 05 j 11:12	29°♊45'42	26°24'41
	-1026 Jun 05 j 17:14	0°♋	
desc. node	-1026 Jun 07 j 00:30	1°♋10'48	
retrograde	-1026 Jun 19 j 11:53	7°♋00'37	
evening set	-1026 Jun 25 j 23:44	5°♋15'00	
min. Earth dist.	-1026 Jun 30 j 00:21	2°♋37'04	0.59679 AU
inferior conj	-1026 Jul 03 j 08:42	29°♊59'15	-4°-37'-36
minimum elong	-1026 Jul 03 j 09:50	29°♊57'00	4°37'33
	-1026 Jul 03 j 08:19	30°℞♊	
morning rise	-1026 Jul 10 j 23:19	25°♊23'45	
direct	-1026 Jul 13 j 10:31	25°♊01'55	
morning max el	-1026 Jul 21 j 01:01	28°♊41'52	18°19'28
	-1026 Jul 22 j 07:28	0°♋	
asc. node	-1026 Jul 24 j 15:08	2°♋49'40	
morning set	-1026 Aug 06 j 00:35	24°♋04'18	
	-1026 Aug 09 j 03:20	0°♌	
superior conj	-1026 Aug 15 j 08:53	11°♌38'45	1°41'03
minimum elong	-1026 Aug 15 j 11:35	11°♌51'04	1°40'54
max. Earth dist.	-1026 Aug 22 j 21:12	24°♌57'48	1.40634 AU
	-1026 Aug 25 j 20:37	0°♍	
evening rise	-1026 Aug 27 j 15:01	2°♍55'45	
desc. node	-1026 Sep 02 j 23:52	13°♍08'22	
	-1026 Sep 14 j 06:42	0°♎	
evening max el	-1026 Sep 30 j 23:40	21°♎07'04	23°16'54
retrograde	-1026 Oct 11 j 07:46	27°♎14'01	
evening set	-1026 Oct 16 j 05:09	25°♎13'40	
asc. node	-1026 Oct 20 j 14:20	20°♎13'33	
inferior conj	-1026 Oct 21 j 14:28	18°♎51'01	0°20'48
minimum elong	-1026 Oct 21 j 13:59	18°♎52'42	0°20'35
min. Earth dist.	-1026 Oct 21 j 06:18	19°♎19'02	0.67591 AU
morning rise	-1026 Oct 26 j 22:51	12°♎39'08	
direct	-1026 Oct 31 j 03:06	11°♎02'18	
morning max el	-1026 Nov 08 j 19:33	16°♎08'05	21°23'34
greatest brilliancy	-1026 Nov 14 j 00:01	22°♎05'46	-0.4m
	-1026 Nov 19 j 22:06	0°♏	
desc. node	-1026 Nov 29 j 23:12	14°♏36'45	
morning set	-1026 Dec 09 j 20:37	29°♏49'53	
	-1026 Dec 09 j 23:10	0°♐	
max. Earth dist.	-1026 Dec 17 j 05:24	11°♐41'22	1.42142 AU
superior conj	-1026 Dec 24 j 14:28	24°♐06'42	-1°-58'-18
minimum elong	-1026 Dec 24 j 12:13	23°♐57'02	1°58'16
	-1026 Dec 27 j 23:32	0°♑	
evening rise	-1025 Jan 04 j 19:03	14°♑01'38	
	-1025 Jan 13 j 20:01	0°♒	
asc. node	-1025 Jan 16 j 13:37	4°♒16'24	
evening max el	-1025 Jan 21 j 08:39	10°♒15'45	18°08'53
retrograde	-1025 Jan 28 j 02:36	13°♒42'30	
evening set	-1025 Jan 30 j 17:36	13°♒11'34	
inferior conj	-1025 Feb 06 j 11:20	8°♒14'29	3°50'56
minimum elong	-1025 Feb 06 j 12:21	8°♒12'06	3°50'52
min. Earth dist.	-1025 Feb 09 j 15:31	5°♒15'42	0.60965 AU
morning rise	-1025 Feb 13 j 04:23	2°♒27'55	
direct	-1025 Feb 20 j 00:30	0°♒11'19	
desc. node	-1025 Feb 25 j 22:21	1°♒43'12	
morning max el	-1025 Mar 06 j 04:34	7°♒58'36	27°37'31
	-1025 Mar 22 j 23:50	0°♓	
morning set	-1025 Apr 07 j 10:46	28°♓15'28	
	-1025 Apr 08 j 06:58	0°♈	
max. Earth dist.	-1025 Apr 13 j 16:17	11°♈30'37	1.32482 AU
superior conj	-1025 Apr 14 j 17:41	13°♈49'12	0°02'06
minimum elong	-1025 Apr 14 j 17:35	13°♈48'40	0°02'05
behind sun begin	-1025 Apr 14 j 12:34	13°♈21'13	
behind sun end	-1025 Apr 14 j 22:36	14°♈16'07	
asc. node	-1025 Apr 14 j 12:57	13°♈23'23	
evening rise	-1025 Apr 21 j 16:51	28°♈54'45	
	-1025 Apr 22 j 05:14	0°♉	
	-1025 May 09 j 02:09	0°♊	
evening max el	-1025 May 18 j 05:43	10°♊55'08	25°09'45
desc. node	-1025 May 24 j 21:31	15°♊59'14	
retrograde	-1025 Jun 01 j 06:12	18°♊03'31	
evening set	-1025 Jun 06 j 15:24	16°♊56'33	
min. Earth dist.	-1025 Jun 11 j 17:26	14°♊09'36	0.57685 AU
inferior conj	-1025 Jun 14 j 19:58	12°♊02'56	-4°-29'-15
minimum elong	-1025 Jun 14 j 16:51	12°♊08'16	4°28'58
morning rise	-1025 Jun 22 j 22:12	7°♊49'36	
direct	-1025 Jun 25 j 11:01	7°♊30'28	
morning max el	-1025 Jul 04 j 04:08	11°♊35'00	19°01'54
asc. node	-1025 Jul 11 j 12:13	21°♊01'09	
	-1025 Jul 16 j 15:17	0°♋	
morning set	-1025 Jul 20 j 21:15	8°♋12'33	
superior conj	-1025 Jul 29 j 08:02	24°♋48'06	1°47'37
minimum elong	-1025 Jul 29 j 08:29	24°♋50'17	1°47'37
	-1025 Aug 01 j 01:43	0°♌	
max. Earth dist.	-1025 Aug 05 j 00:19	7°♌15'09	1.38635 AU
evening rise	-1025 Aug 08 j 21:55	14°♌08'47	
	-1025 Aug 18 j 12:40	0°♍	
desc. node	-1025 Aug 20 j 20:53	3°♍37'58	
	-1025 Sep 09 j 03:46	0°♎	
evening max el	-1025 Sep 13 j 11:38	4°♎39'51	24°36'17
retrograde	-1025 Sep 24 j 21:32	11°♎19'47	
evening set	-1025 Sep 30 j 09:37	9°♎01'05	
min. Earth dist.	-1025 Oct 05 j 01:40	3°♎40'45	0.67323 AU
inferior conj	-1025 Oct 05 j 20:19	2°♎38'31	0°-33'-40
minimum elong	-1025 Oct 05 j 21:08	2°♎35'46	0°33'20
asc. node	-1025 Oct 07 j 11:24	0°♎30'43	
	-1025 Oct 07 j 21:17	30°℞♍	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning rise	-1025 Oct 11 j 09:02	26°♍32'45	
direct	-1025 Oct 15 j 00:30	25°♍16'23	
morning max el	-1025 Oct 22 j 18:11	29°♍44'10	20°10'40
	-1025 Oct 23 j 00:22	0°♎	
greatest brilliancy	-1025 Oct 29 j 16:23	8°♎09'04	-0.6m
	-1025 Nov 13 j 13:16	0°♏	
desc. node	-1025 Nov 16 j 20:14	5°♏02'37	
morning set	-1025 Nov 18 j 17:54	7°♏58'44	
max. Earth dist.	-1025 Nov 29 j 14:53	25°♏04'19	1.43725 AU
	-1025 Dec 02 j 16:17	0°♐	
superior conj	-1025 Dec 05 j 04:13	4°♐04'20	-1°-41'-53
minimum elong	-1025 Dec 04 j 21:31	3°♐36'52	1°41'23
evening rise	-1025 Dec 18 j 03:03	25°♐56'50	
	-1025 Dec 20 j 11:16	0°♑	
asc. node	-1024 Jan 03 j 10:41	21°♑55'38	
evening max el	-1024 Jan 04 j 20:56	23°♑29'01	18°11'47
retrograde	-1024 Jan 11 j 09:08	26°♑57'01	
evening set	-1024 Jan 14 j 04:04	26°♑17'12	
inferior conj	-1024 Jan 20 j 10:43	20°♑59'21	3°51'27
minimum elong	-1024 Jan 20 j 09:38	21°♑02'15	3°51'22
min. Earth dist.	-1024 Jan 23 j 01:51	18°♑11'08	0.62928 AU
morning rise	-1024 Jan 26 j 13:18	15°♑00'31	
direct	-1024 Feb 02 j 13:30	12°♑19'13	
desc. node	-1024 Feb 12 j 19:26	16°♑52'25	
morning max el	-1024 Feb 16 j 10:55	20°♑09'45	27°44'36
	-1024 Feb 24 j 22:24	0°♒	
	-1024 Mar 14 j 22:39	0°♓	
morning set	-1024 Mar 21 j 11:41	12°♓35'29	
max. Earth dist.	-1024 Mar 27 j 00:00	24°♓02'01	1.32933 AU
superior conj	-1024 Mar 29 j 02:35	28°♓33'19	0°-24'-10
minimum elong	-1024 Mar 29 j 03:43	28°♓39'27	0°23'56
	-1024 Mar 29 j 18:38	0°♈	
asc. node	-1024 Mar 31 j 10:00	3°♈33'10	
evening rise	-1024 Apr 05 j 04:37	13°♈48'34	
	-1024 Apr 13 j 09:39	0°♉	
evening max el	-1024 Apr 28 j 20:27	21°♉34'50	23°37'51
desc. node	-1024 May 10 j 18:35	28°♉18'18	
retrograde	-1024 May 12 j 12:35	28°♉25'17	
evening set	-1024 May 16 j 11:29	27°♉50'47	
min. Earth dist.	-1024 May 23 j 07:07	24°♉40'07	0.56056 AU
inferior conj	-1024 May 25 j 11:00	23°♉22'10	-3°-40'-53
minimum elong	-1024 May 25 j 04:22	23°♉32'10	3°39'25
morning rise	-1024 Jun 03 j 00:52	19°♉24'45	
direct	-1024 Jun 05 j 15:59	19°♉07'25	
morning max el	-1024 Jun 15 j 21:32	23°♉51'19	20°05'13
	-1024 Jun 21 j 05:10	0°♊	
asc. node	-1024 Jun 27 j 09:17	9°♊51'30	
morning set	-1024 Jul 04 j 00:58	22°♊42'59	
	-1024 Jul 07 j 14:35	0°♋	
superior conj	-1024 Jul 11 j 20:56	8°♋39'41	1°45'15
minimum elong	-1024 Jul 11 j 19:42	8°♋33'29	1°45'13
max. Earth dist.	-1024 Jul 17 j 04:42	19°♋05'27	1.36731 AU
evening rise	-1024 Jul 21 j 03:53	26°♋29'05	
	-1024 Jul 23 j 02:43	0°♌	
desc. node	-1024 Aug 06 j 17:54	23°♌52'22	
	-1024 Aug 10 j 23:31	0°♍	
evening max el	-1024 Aug 25 j 22:49	18°♍15'04	25°48'18
retrograde	-1024 Sep 07 j 06:53	25°♍18'55	
evening set	-1024 Sep 13 j 09:42	22°♍44'41	
min. Earth dist.	-1024 Sep 17 j 17:29	18°♍00'45	0.66726 AU
inferior conj	-1024 Sep 18 j 23:15	16°♍26'08	-1°-28'-58
minimum elong	-1024 Sep 19 j 01:28	16°♍19'06	1°28'05
asc. node	-1024 Sep 23 j 08:29	11°♍31'18	
morning rise	-1024 Sep 24 j 18:00	10°♍29'21	
direct	-1024 Sep 27 j 22:52	9°♍30'10	
morning max el	-1024 Oct 05 j 00:09	13°♍29'17	19°11'38
	-1024 Oct 17 j 05:38	0°♎	
morning set	-1024 Oct 27 j 22:57	16°♎37'56	
desc. node	-1024 Nov 02 j 17:16	25°♎38'56	
	-1024 Nov 05 j 11:55	0°♏	
max. Earth dist.	-1024 Nov 11 j 05:58	9°♏02'35	1.44705 AU
superior conj	-1024 Nov 13 j 16:33	12°♏54'10	-1°-7'-27
minimum elong	-1024 Nov 13 j 08:55	12°♏23'55	1°06'37
	-1024 Nov 24 j 08:05	0°♐	
evening rise	-1024 Nov 28 j 13:38	6°♐55'44	
	-1024 Dec 12 j 22:52	0°♑	
evening max el	-1024 Dec 18 j 09:05	6°♑51'26	18°33'20
asc. node	-1024 Dec 20 j 07:45	8°♑37'04	
retrograde	-1024 Dec 24 j 23:57	10°♑31'39	
evening set	-1024 Dec 27 j 23:43	9°♑41'45	
inferior conj	-1023 Jan 02 j 22:05	4°♑05'16	3°34'26
minimum elong	-1023 Jan 02 j 19:43	4°♑12'16	3°34'01
min. Earth dist.	-1023 Jan 04 j 22:05	1°♑43'48	0.64598 AU
	-1023 Jan 06 j 11:30	30°℞♐	
morning rise	-1023 Jan 08 j 14:25	27°♐58'29	
direct	-1023 Jan 15 j 10:00	25°♐07'18	
	-1023 Jan 25 j 17:16	0°♑	
morning max el	-1023 Jan 28 j 20:09	2°♑53'00	27°16'33
desc. node	-1023 Jan 29 j 16:29	3°♑44'40	
	-1023 Feb 18 j 05:40	0°♒	
morning set	-1023 Mar 05 j 04:01	26°♒25'41	
	-1023 Mar 06 j 23:31	0°♓	
max. Earth dist.	-1023 Mar 09 j 23:07	6°♓02'26	1.33806 AU
superior conj	-1023 Mar 13 j 07:19	13°♓00'32	0°-50'-27
minimum elong	-1023 Mar 13 j 09:41	13°♓12'58	0°50'01
asc. node	-1023 Mar 18 j 07:04	23°♓36'50	
evening rise	-1023 Mar 20 j 15:32	28°♓34'46	
	-1023 Mar 21 j 07:54	0°♈	
	-1023 Apr 08 j 10:24	0°♉	
evening max el	-1023 Apr 10 j 14:16	2°♉14'31	22°03'35
retrograde	-1023 Apr 23 j 06:57	8°♉26'53	
evening set	-1023 Apr 26 j 01:04	8°♉10'03	
desc. node	-1023 Apr 27 j 15:38	7°♉45'36	
inferior conj	-1023 May 05 j 10:06	4°♉04'03	-2°-9'-2
minimum elong	-1023 May 05 j 04:24	4°♉12'04	2°07'11
min. Earth dist.	-1023 May 04 j 20:22	4°♉23'23	0.55143 AU
morning rise	-1023 May 14 j 09:13	0°♉08'18	
	-1023 May 15 j 03:13	30°℞♈	
direct	-1023 May 17 j 06:11	29°♈49'48	
	-1023 May 19 j 08:18	0°♉	
morning max el	-1023 May 29 j 03:50	5°♉24'59	21°27'49
asc. node	-1023 Jun 14 j 06:20	29°♉11'09	
	-1023 Jun 14 j 16:21	0°♊	
morning set	-1023 Jun 18 j 09:20	7°♊29'01	
superior conj	-1023 Jun 25 j 19:28	23°♊01'11	1°36'00
minimum elong	-1023 Jun 25 j 17:15	22°♊49'41	1°35'49
	-1023 Jun 29 j 05:09	0°♋	
max. Earth dist.	-1023 Jun 29 j 16:25	0°♋56'45	1.35118 AU
evening rise	-1023 Jul 04 j 04:03	9°♋43'56	
	-1023 Jul 15 j 15:13	0°♌	
desc. node	-1023 Jul 24 j 14:56	13°♌44'24	
	-1023 Aug 06 j 15:25	0°♍	
evening max el	-1023 Aug 08 j 10:32	1°♍48'10	26°45'02
retrograde	-1023 Aug 21 j 11:08	9°♍04'39	
evening set	-1023 Aug 28 j 03:09	6°♍20'50	
min. Earth dist.	-1023 Sep 01 j 03:19	2°♍14'42	0.65782 AU
inferior conj	-1023 Sep 02 j 21:16	0°♍10'16	-2°-23'-16
minimum elong	-1023 Sep 03 j 00:46	29°♌59'54	2°22'01

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-1023 Sep 03 j 00:44	30°℞♌	
morning rise	-1023 Sep 08 j 23:36	24°♌25'36	
asc. node	-1023 Sep 10 j 05:33	23°♌54'28	
direct	-1023 Sep 11 j 20:17	23°♌39'52	
morning max el	-1023 Sep 18 j 11:45	27°♌19'18	18°28'25
	-1023 Sep 20 j 20:45	0°♍	
morning set	-1023 Oct 08 j 05:23	26°♍34'21	
	-1023 Oct 10 j 08:20	0°♎	
desc. node	-1023 Oct 20 j 14:16	16°♎21'37	
superior conj	-1023 Oct 23 j 16:43	21°♎15'21	0°-20'-5
minimum elong	-1023 Oct 23 j 14:03	21°♎04'53	0°19'45
max. Earth dist.	-1023 Oct 25 j 00:07	23°♎18'56	1.44977 AU
	-1023 Oct 29 j 06:13	0°♏	
evening rise	-1023 Nov 09 j 00:06	16°♏54'04	
	-1023 Nov 17 j 07:36	0°♐	
greatest brilliancy	-1023 Nov 21 j 07:23	6°♐10'50	-0.7m
evening max el	-1023 Dec 01 j 18:39	20°♐17'47	19°12'15
asc. node	-1023 Dec 07 j 04:48	24°♐05'07	
retrograde	-1023 Dec 08 j 19:21	24°♐19'30	
evening set	-1023 Dec 12 j 01:35	23°♐17'42	
inferior conj	-1023 Dec 17 j 17:59	17°♐25'11	3°04'54
minimum elong	-1023 Dec 17 j 15:07	17°♐34'19	3°04'10
min. Earth dist.	-1023 Dec 19 j 03:17	15°♐39'22	0.65898 AU
morning rise	-1023 Dec 23 j 03:46	11°♐13'15	
direct	-1023 Dec 29 j 12:41	8°♐26'20	
morning max el	-1022 Jan 11 j 05:36	15°♐55'08	26°19'49
desc. node	-1022 Jan 16 j 13:31	21°♐49'32	
	-1022 Jan 22 j 21:49	0°♑	
	-1022 Feb 11 j 01:33	0°♒	
morning set	-1022 Feb 16 j 07:51	9°♒33'35	
max. Earth dist.	-1022 Feb 20 j 10:44	17°♒27'29	1.35131 AU
superior conj	-1022 Feb 25 j 05:33	27°♒03'16	-1°-15'-26
minimum elong	-1022 Feb 25 j 08:53	27°♒20'18	1°14'56
	-1022 Feb 26 j 15:57	0°♓	
evening rise	-1022 Mar 04 j 23:38	13°♓06'39	
asc. node	-1022 Mar 05 j 04:07	13°♓29'39	
	-1022 Mar 13 j 19:30	0°♈	
evening max el	-1022 Mar 23 j 17:04	13°♈20'04	20°39'13
retrograde	-1022 Apr 03 j 19:53	18°♈40'21	
evening set	-1022 Apr 06 j 01:03	18°♈28'30	
desc. node	-1022 Apr 14 j 12:39	14°♈54'27	
inferior conj	-1022 Apr 15 j 04:48	14°♈31'16	0°-11'-28
minimum elong	-1022 Apr 15 j 04:15	14°♈32'02	0°11'17
transit middle	-1022 Apr 15 j 04:15	14°♈32'02	0°11'17
transit begin	-1022 Apr 15 j 01:24	14°♈36'09	
transit end	-1022 Apr 15 j 07:07	14°♈27'55	
min. Earth dist.	-1022 Apr 16 j 09:56	13°♈49'19	0.55159 AU
morning rise	-1022 Apr 24 j 05:53	10°♈19'04	
direct	-1022 Apr 27 j 17:47	9°♈52'35	
morning max el	-1022 May 11 j 00:14	16°♈19'12	23°04'26
	-1022 May 21 j 19:46	0°♉	
asc. node	-1022 Jun 01 j 03:23	18°♉52'38	
morning set	-1022 Jun 02 j 20:25	22°♉25'06	
	-1022 Jun 06 j 10:05	0°♊	
superior conj	-1022 Jun 10 j 00:31	7°♊43'12	1°21'27
minimum elong	-1022 Jun 09 j 21:59	7°♊29'38	1°21'07
max. Earth dist.	-1022 Jun 12 j 14:08	13°♊09'21	1.33877 AU
evening rise	-1022 Jun 17 j 17:38	23°♊39'46	
	-1022 Jun 21 j 00:10	0°♋	
	-1022 Jul 09 j 05:54	0°♌	
desc. node	-1022 Jul 11 j 11:56	3°♌04'31	
evening max el	-1022 Jul 21 j 22:13	15°♌09'28	27°18'50
retrograde	-1022 Aug 04 j 09:40	22°♌29'34	
evening set	-1022 Aug 11 j 11:16	19°♌45'23	

min. Earth dist.	-1022 Aug 15 j 04:55	16°♌15'56	0.64476 AU
inferior conj	-1022 Aug 17 j 12:04	13°♌46'35	-3°-14'-6
minimum elong	-1022 Aug 17 j 16:27	13°♌34'43	3°12'49
morning rise	-1022 Aug 23 j 23:20	8°♌17'28	
direct	-1022 Aug 26 j 14:23	7°♌41'41	
asc. node	-1022 Aug 28 j 02:34	7°♌53'34	
morning max el	-1022 Sep 02 j 02:37	11°♌09'44	18°02'15
	-1022 Sep 14 j 23:58	0°♍	
morning set	-1022 Sep 19 j 15:54	7°♍52'56	
superior conj	-1022 Oct 03 j 02:58	0°♎10'26	0°28'14
minimum elong	-1022 Oct 03 j 06:11	0°♎23'24	0°27'48
	-1022 Oct 03 j 00:23	0°♎	
desc. node	-1022 Oct 07 j 11:18	7°♎07'48	
max. Earth dist.	-1022 Oct 07 j 18:31	7°♎36'28	1.44518 AU
evening rise	-1022 Oct 19 j 13:57	26°♎03'37	
	-1022 Oct 22 j 03:21	0°♏	
greatest brilliancy	-1022 Nov 08 j 02:40	25°♏16'19	-0.6m
	-1022 Nov 11 j 16:52	0°♐	
evening max el	-1022 Nov 14 j 23:41	3°♐45'39	20°06'42
retrograde	-1022 Nov 22 j 16:45	8°♐16'59	
asc. node	-1022 Nov 24 j 01:49	8°♐06'06	
evening set	-1022 Nov 26 j 07:20	7°♐01'09	
inferior conj	-1022 Dec 01 j 19:42	0°♐55'30	2°26'21
minimum elong	-1022 Dec 01 j 16:57	1°♐04'40	2°25'27
min. Earth dist.	-1022 Dec 02 j 15:45	29°♏48'25	0.66816 AU
	-1022 Dec 02 j 12:17	30°℞♏	
morning rise	-1022 Dec 07 j 02:00	24°♏40'35	
direct	-1022 Dec 12 j 20:47	22°♏08'19	
morning max el	-1022 Dec 24 j 14:13	29°♏06'46	25°03'21
	-1022 Dec 25 j 10:58	0°♐	
desc. node	-1021 Jan 03 j 10:33	10°♐45'59	
	-1021 Jan 16 j 17:43	0°♑	
morning set	-1021 Jan 29 j 18:07	21°♑44'27	
max. Earth dist.	-1021 Feb 02 j 11:32	28°♑31'36	1.36885 AU
	-1021 Feb 03 j 06:30	0°♒	
superior conj	-1021 Feb 08 j 18:19	10°♒32'57	-1°-37'-16
minimum elong	-1021 Feb 08 j 21:59	10°♒51'00	1°36'53
evening rise	-1021 Feb 17 j 02:48	27°♒17'51	
	-1021 Feb 18 j 11:16	0°♓	
asc. node	-1021 Feb 20 j 01:09	3°♓06'30	
evening max el	-1021 Mar 06 j 06:53	25°♓02'17	19°31'41
retrograde	-1021 Mar 15 j 16:47	29°♓32'42	
evening set	-1021 Mar 17 j 21:23	29°♓19'07	
inferior conj	-1021 Mar 26 j 09:25	25°♓13'39	1°38'28
minimum elong	-1021 Mar 26 j 13:11	25°♓07'35	1°37'16
min. Earth dist.	-1021 Mar 29 j 00:21	23°♓32'59	0.56097 AU
desc. node	-1021 Apr 01 j 09:42	21°♓37'40	
morning rise	-1021 Apr 04 j 01:23	20°♓31'21	
direct	-1021 Apr 08 j 13:50	19°♓45'20	
morning max el	-1021 Apr 22 j 15:19	26°♓51'28	24°44'36
	-1021 Apr 25 j 15:56	0°♈	
	-1021 May 14 j 17:38	0°♉	
morning set	-1021 May 18 j 08:27	7°♉24'52	
asc. node	-1021 May 19 j 00:24	8°♉49'08	
superior conj	-1021 May 25 j 09:40	22°♉37'17	1°02'47
minimum elong	-1021 May 25 j 07:20	22°♉24'37	1°02'23
max. Earth dist.	-1021 May 26 j 20:17	25°♉44'45	1.33019 AU
	-1021 May 28 j 19:53	0°♊	
evening rise	-1021 Jun 01 j 16:39	8°♊03'50	
	-1021 Jun 13 j 10:59	0°♋	
desc. node	-1021 Jun 28 j 08:58	21°♋38'33	
evening max el	-1021 Jul 04 j 07:36	28°♋04'31	27°23'27
	-1021 Jul 06 j 10:54	0°♌	
retrograde	-1021 Jul 18 j 01:52	5°♌23'58	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening set	-1021 Jul 25 j 06:33	2°♌51'41	
	-1021 Jul 28 j 17:33	30°℞♋	
min. Earth dist.	-1021 Jul 28 j 20:30	29°♋53'07	0.62812 AU
inferior conj	-1021 Jul 31 j 16:48	27°♋07'40	-3°-57'-53
minimum elong	-1021 Jul 31 j 21:11	26°♋57'01	3°56'57
morning rise	-1021 Aug 07 j 14:09	21°♋57'39	
direct	-1021 Aug 10 j 01:58	21°♋28'56	
asc. node	-1021 Aug 14 j 23:36	23°♋21'37	
morning max el	-1021 Aug 16 j 17:58	24°♋53'54	17°53'57
	-1021 Aug 20 j 22:42	0°♌	
morning set	-1021 Sep 02 j 01:25	20°♌17'00	
	-1021 Sep 07 j 13:38	0°♍	
superior conj	-1021 Sep 13 j 14:19	10°♍20'29	1°06'58
minimum elong	-1021 Sep 13 j 19:32	10°♍42'26	1°06'21
max. Earth dist.	-1021 Sep 20 j 09:42	21°♍34'52	1.43381 AU
desc. node	-1021 Sep 24 j 08:19	27°♍53'50	
	-1021 Sep 25 j 16:15	0°♎	
evening rise	-1021 Sep 28 j 20:10	4°♎56'54	
	-1021 Oct 15 j 13:38	0°♏	
greatest brilliancy	-1021 Oct 23 j 17:12	11°♏07'49	-0.4m
evening max el	-1021 Oct 28 j 22:56	17°♏13'23	21°14'11
retrograde	-1021 Nov 06 j 13:57	22°♏20'46	
evening set	-1021 Nov 10 j 14:58	20°♏48'49	
asc. node	-1021 Nov 10 j 22:50	20°♏33'10	
inferior conj	-1021 Nov 16 j 00:57	14°♏33'29	1°41'12
minimum elong	-1021 Nov 15 j 22:50	14°♏40'48	1°40'23
min. Earth dist.	-1021 Nov 16 j 09:19	14°♏04'44	0.67369 AU
morning rise	-1021 Nov 21 j 06:21	8°♏17'41	
direct	-1021 Nov 26 j 09:40	6°♏05'54	
morning max el	-1021 Dec 06 j 23:06	12°♏23'19	23°37'08
desc. node	-1021 Dec 21 j 07:36	0°♐19'14	
	-1021 Dec 21 j 02:08	0°♐	
	-1020 Jan 09 j 14:02	0°♑	
morning set	-1020 Jan 11 j 04:39	2°♑42'26	
max. Earth dist.	-1020 Jan 15 j 07:06	9°♑47'24	1.38931 AU
superior conj	-1020 Jan 22 j 17:46	23°♑19'26	-1°-53'-22
minimum elong	-1020 Jan 22 j 20:36	23°♑32'41	1°53'14
	-1020 Jan 26 j 06:06	0°♒	
evening rise	-1020 Jan 31 j 22:29	11°♒01'32	
asc. node	-1020 Feb 06 j 22:11	22°♒21'34	
	-1020 Feb 11 j 11:14	0°♓	
evening max el	-1020 Feb 17 j 06:37	7°♓20'22	18°43'46
retrograde	-1020 Feb 25 j 07:00	11°♓13'48	
evening set	-1020 Feb 27 j 15:24	10°♓54'59	
inferior conj	-1020 Mar 06 j 09:15	6°♓31'50	2°56'58
minimum elong	-1020 Mar 06 j 13:35	6°♓23'43	2°55'59
min. Earth dist.	-1020 Mar 09 j 17:14	4°♓03'20	0.57743 AU
morning rise	-1020 Mar 14 j 07:43	1°♓18'02	
desc. node	-1020 Mar 18 j 06:44	0°♓06'27	
	-1020 Mar 19 j 10:43	30°℞♒	
direct	-1020 Mar 19 j 23:24	29°♒59'18	
	-1020 Mar 20 j 12:07	0°♓	
morning max el	-1020 Apr 03 j 07:23	7°♓30'13	26°13'23
	-1020 Apr 20 j 01:22	0°♈	
morning set	-1020 May 01 j 19:49	22°♈22'39	
asc. node	-1020 May 04 j 21:28	28°♈55'34	
	-1020 May 05 j 09:22	0°♉	
superior conj	-1020 May 08 j 20:59	7°♉37'00	0°40'57
minimum elong	-1020 May 08 j 19:17	7°♉27'41	0°40'37
max. Earth dist.	-1020 May 09 j 07:41	8°♉35'35	1.32530 AU
evening rise	-1020 May 15 j 22:08	22°♉46'39	
	-1020 May 19 j 11:35	0°♊	
	-1020 Jun 06 j 12:47	0°♋	
desc. node	-1020 Jun 14 j 05:58	9°♋07'14	
evening max el	-1020 Jun 15 j 12:10	10°♋21'28	26°55'19
retrograde	-1020 Jun 29 j 11:10	17°♋39'03	
evening set	-1020 Jul 06 j 08:46	15°♋32'39	
min. Earth dist.	-1020 Jul 10 j 01:53	12°♋52'18	0.60863 AU
inferior conj	-1020 Jul 13 j 08:09	10°♋05'42	-4°-28'-52
minimum elong	-1020 Jul 13 j 11:02	9°♋59'32	4°28'33
morning rise	-1020 Jul 20 j 16:22	5°♋17'30	
direct	-1020 Jul 23 j 03:10	4°♋53'42	
morning max el	-1020 Jul 30 j 06:57	8°♋25'02	18°04'30
asc. node	-1020 Jul 31 j 20:40	10°♋04'46	
	-1020 Aug 13 j 06:44	0°♌	
morning set	-1020 Aug 15 j 04:09	3°♌30'29	
superior conj	-1020 Aug 25 j 04:45	21°♌50'45	1°32'18
minimum elong	-1020 Aug 25 j 08:44	22°♌08'26	1°31'58
	-1020 Aug 29 j 21:00	0°♍	
max. Earth dist.	-1020 Sep 01 j 19:09	4°♍56'43	1.41725 AU
evening rise	-1020 Sep 07 j 13:12	14°♍21'45	
desc. node	-1020 Sep 10 j 05:20	18°♍36'24	
	-1020 Sep 17 j 15:19	0°♎	
greatest brilliancy	-1020 Oct 05 j 21:31	25°♎18'52	-0.3m
	-1020 Oct 10 j 00:22	0°♏	
evening max el	-1020 Oct 10 j 16:23	0°♏41'15	22°30'50
retrograde	-1020 Oct 20 j 09:19	6°♏27'31	
evening set	-1020 Oct 24 j 22:42	4°♏37'49	
asc. node	-1020 Oct 27 j 19:53	1°♏36'52	
	-1020 Oct 29 j 01:39	30°℞♎	
inferior conj	-1020 Oct 30 j 07:49	28°♎16'31	0°51'12
minimum elong	-1020 Oct 30 j 06:39	28°♎20'34	0°50'42
min. Earth dist.	-1020 Oct 30 j 05:32	28°♎24'25	0.67592 AU
morning rise	-1020 Nov 04 j 14:31	22°♎02'18	
direct	-1020 Nov 09 j 02:46	20°♎12'54	
morning max el	-1020 Nov 18 j 11:03	25°♎44'45	22°10'29
	-1020 Nov 22 j 07:07	0°♏	
greatest brilliancy	-1020 Nov 23 j 03:48	1°♏02'26	-0.4m
desc. node	-1020 Dec 07 j 04:38	20°♏18'17	
	-1020 Dec 13 j 15:18	0°♐	
morning set	-1020 Dec 21 j 10:20	12°♐15'40	
max. Earth dist.	-1020 Dec 27 j 04:37	21°♐44'30	1.41024 AU
	-1019 Jan 01 j 00:33	0°♑	
superior conj	-1019 Jan 03 j 22:53	5°♑09'26	-2°00'-14
minimum elong	-1019 Jan 03 j 23:03	5°♑10'08	2°00'16
evening rise	-1019 Jan 14 j 07:26	24°♑09'07	
	-1019 Jan 17 j 10:59	0°♒	
asc. node	-1019 Jan 23 j 19:13	11°♒06'51	
evening max el	-1019 Jan 30 j 13:37	20°♒06'20	18°15'55
retrograde	-1019 Feb 06 j 15:31	23°♒38'25	
evening set	-1019 Feb 09 j 04:10	23°♒12'20	
inferior conj	-1019 Feb 16 j 05:49	18°♒28'06	3°39'56
minimum elong	-1019 Feb 16 j 08:14	18°♒22'51	3°39'39
min. Earth dist.	-1019 Feb 19 j 14:51	15°♒32'55	0.59768 AU
morning rise	-1019 Feb 23 j 08:56	12°♒50'55	
direct	-1019 Mar 01 j 21:48	10°♒53'43	
desc. node	-1019 Mar 05 j 03:48	11°♒21'24	
morning max el	-1019 Mar 16 j 04:31	18°♒37'51	27°16'29
	-1019 Mar 25 j 18:28	0°♓	
	-1019 Apr 12 j 15:38	0°♈	
morning set	-1019 Apr 16 j 04:46	7°♈11'23	
asc. node	-1019 Apr 21 j 18:32	19°♈06'35	
superior conj	-1019 Apr 23 j 08:43	22°♈35'29	0°16'46
minimum elong	-1019 Apr 23 j 07:58	22°♈31'23	0°16'37
max. Earth dist.	-1019 Apr 22 j 20:35	21°♈28'59	1.32395 AU
	-1019 Apr 26 j 17:57	0°♉	
evening rise	-1019 Apr 30 j 07:38	7°♉39'24	
	-1019 May 12 j 00:48	0°♊	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening max el	-1019 May 28 j 10:16	21°♊54'20	25°55'41
desc. node	-1019 Jun 01 j 03:00	25°♊03'37	
retrograde	-1019 Jun 11 j 11:54	29°♊08'02	
evening set	-1019 Jun 17 j 13:39	27°♊38'46	
min. Earth dist.	-1019 Jun 21 j 22:53	24°♊58'53	0.58802 AU
inferior conj	-1019 Jun 25 j 06:33	22°♊31'38	-4°-38'-15
minimum elong	-1019 Jun 25 j 06:01	22°♊32'38	4°38'15
morning rise	-1019 Jul 03 j 02:06	18°♊06'00	
direct	-1019 Jul 05 j 13:40	17°♊45'35	
morning max el	-1019 Jul 13 j 14:32	21°♊34'37	18°35'00
asc. node	-1019 Jul 18 j 17:45	27°♊47'55	
	-1019 Jul 20 j 04:40	0°♋	
morning set	-1019 Jul 29 j 19:23	17°♋21'22	
	-1019 Aug 05 j 08:44	0°♌	
superior conj	-1019 Aug 07 j 17:36	4°♌28'19	1°45'04
minimum elong	-1019 Aug 07 j 19:19	4°♌36'17	1°45'01
max. Earth dist.	-1019 Aug 14 j 23:16	17°♌34'34	1.39779 AU
evening rise	-1019 Aug 19 j 05:29	24°♌52'49	
	-1019 Aug 22 j 07:38	0°♍	
desc. node	-1019 Aug 28 j 02:21	9°♍11'59	
	-1019 Sep 11 j 09:54	0°♎	
evening max el	-1019 Sep 23 j 05:44	14°♎12'02	23°51'13
retrograde	-1019 Oct 04 j 01:25	20°♎34'32	
evening set	-1019 Oct 09 j 04:50	18°♎26'26	
min. Earth dist.	-1019 Oct 14 j 02:01	12°♎45'50	0.67506 AU
inferior conj	-1019 Oct 14 j 14:32	12°♎03'13	0°-2'-3
minimum elong	-1019 Oct 14 j 14:35	12°♎03'04	0°02'03
transit middle	-1019 Oct 14 j 14:35	12°♎03'04	0°02'03
transit begin	-1019 Oct 14 j 11:54	12°♎12'14	
transit end	-1019 Oct 14 j 17:17	11°♎53'53	
asc. node	-1019 Oct 14 j 16:56	11°♎55'06	
morning rise	-1019 Oct 20 j 00:30	5°♎53'18	
direct	-1019 Oct 23 j 23:03	4°♎25'27	
morning max el	-1019 Nov 01 j 05:12	9°♎14'30	20°51'02
greatest brilliancy	-1019 Nov 07 j 00:35	16°♎03'36	-0.5m
	-1019 Nov 16 j 23:34	0°♏	
desc. node	-1019 Nov 24 j 01:41	10°♏36'02	
morning set	-1019 Nov 30 j 14:31	20°♏39'27	
	-1019 Dec 06 j 12:31	0°♐	
max. Earth dist.	-1019 Dec 09 j 09:09	4°♐36'31	1.42875 AU
superior conj	-1019 Dec 16 j 04:15	15°♐50'51	-1°-53'-32
minimum elong	-1019 Dec 16 j 00:01	15°♐33'01	1°53'21
	-1019 Dec 24 j 09:08	0°♑	
evening rise	-1019 Dec 28 j 01:48	6°♑32'53	
asc. node	-1018 Jan 10 j 16:16	29°♑13'26	
	-1018 Jan 11 j 06:18	0°♒	
evening max el	-1018 Jan 14 j 00:53	3°♒12'14	18°07'48
retrograde	-1018 Jan 20 j 15:11	6°♒37'41	
evening set	-1018 Jan 23 j 07:50	6°♒03'06	
inferior conj	-1018 Jan 29 j 20:31	0°♒57'16	3°53'39
minimum elong	-1018 Jan 29 j 20:33	0°♒57'11	3°53'38
	-1018 Jan 30 j 19:20	30°℞♑	
min. Earth dist.	-1018 Feb 01 j 19:50	28°♑00'20	0.61836 AU
morning rise	-1018 Feb 05 j 06:55	25°♑04'58	
direct	-1018 Feb 12 j 06:14	22°♑35'48	
desc. node	-1018 Feb 20 j 00:52	25°♑14'50	
	-1018 Feb 25 j 21:19	0°♒	
morning max el	-1018 Feb 26 j 07:38	0°♒25'14	27°44'52
	-1018 Mar 19 j 19:17	0°♓	
morning set	-1018 Mar 31 j 09:19	21°♓44'08	
	-1018 Apr 04 j 08:18	0°♈	
max. Earth dist.	-1018 Apr 06 j 07:15	4°♈12'00	1.32629 AU
superior conj	-1018 Apr 07 j 19:11	7°♈26'50	0°-8'-59
minimum elong	-1018 Apr 07 j 19:36	7°♈29'06	0°08'54
behind sun begin	-1018 Apr 07 j 15:20	7°♈05'55	
behind sun end	-1018 Apr 07 j 23:51	7°♈52'18	
asc. node	-1018 Apr 08 j 15:36	9°♈18'03	
evening rise	-1018 Apr 14 j 19:09	22°♈35'00	
	-1018 Apr 18 j 09:32	0°♉	
	-1018 May 07 j 09:37	0°♊	
evening max el	-1018 May 10 j 02:43	2°♊48'42	24°31'52
desc. node	-1018 May 19 j 00:03	8°♊52'38	
retrograde	-1018 May 24 j 01:17	9°♊51'02	
evening set	-1018 May 28 j 19:57	8°♊59'44	
min. Earth dist.	-1018 Jun 03 j 14:22	6°♊03'57	0.56924 AU
inferior conj	-1018 Jun 06 j 09:09	4°♊16'37	-4°-14'-13
minimum elong	-1018 Jun 06 j 04:13	4°♊24'35	4°13'29
morning rise	-1018 Jun 14 j 16:21	0°♊10'50	
	-1018 Jun 15 j 15:02	30°℞♉	
direct	-1018 Jun 17 j 05:59	29°♉52'37	
	-1018 Jun 18 j 20:15	0°♊	
morning max el	-1018 Jun 26 j 13:43	4°♊12'38	19°26'18
asc. node	-1018 Jul 05 j 14:50	16°♊17'07	
	-1018 Jul 12 j 23:20	0°♋	
morning set	-1018 Jul 13 j 19:23	1°♋39'44	
superior conj	-1018 Jul 21 j 23:08	17°♋56'42	1°47'33
minimum elong	-1018 Jul 21 j 22:48	17°♋55'00	1°47'35
max. Earth dist.	-1018 Jul 28 j 02:11	29°♋37'12	1.37799 AU
	-1018 Jul 28 j 07:07	0°♌	
evening rise	-1018 Jul 31 j 22:44	6°♌35'43	
desc. node	-1018 Aug 14 j 23:22	29°♌35'39	
	-1018 Aug 15 j 05:48	0°♍	
evening max el	-1018 Sep 05 j 17:18	27°♍46'29	25°08'27
	-1018 Sep 08 j 03:07	0°♎	
retrograde	-1018 Sep 17 j 13:16	4°♎37'27	
evening set	-1018 Sep 23 j 07:37	2°♎11'58	
	-1018 Sep 25 j 12:07	30°℞♍	
min. Earth dist.	-1018 Sep 27 j 20:11	27°♍06'43	0.67108 AU
inferior conj	-1018 Sep 28 j 19:21	25°♍50'46	0°-57'-6
minimum elong	-1018 Sep 28 j 20:46	25°♍46'09	0°56'32
asc. node	-1018 Oct 01 j 14:00	22°♍23'48	
morning rise	-1018 Oct 04 j 10:24	19°♍48'17	
direct	-1018 Oct 07 j 21:11	18°♍39'28	
morning max el	-1018 Oct 15 j 06:55	22°♍53'44	19°43'42
	-1018 Oct 21 j 04:10	0°♎	
greatest brilliancy	-1018 Oct 23 j 09:00	3°♎02'45	-0.6m
morning set	-1018 Nov 09 j 11:58	28°♎51'48	
	-1018 Nov 10 j 05:34	0°♏	
desc. node	-1018 Nov 10 j 22:42	1°♏06'26	
max. Earth dist.	-1018 Nov 21 j 21:23	18°♏16'34	1.44227 AU
superior conj	-1018 Nov 26 j 06:27	25°♏16'54	-1°-29'-23
minimum elong	-1018 Nov 25 j 22:38	24°♏45'24	1°28'41
	-1018 Nov 29 j 04:19	0°♐	
evening rise	-1018 Dec 10 j 01:04	18°♐04'10	
	-1018 Dec 17 j 02:39	0°♑	
evening max el	-1018 Dec 28 j 13:29	16°♑30'05	18°18'46
asc. node	-1018 Dec 28 j 13:18	16°♑29'38	
retrograde	-1017 Jan 04 j 01:39	20°♑01'39	
evening set	-1017 Jan 06 j 22:37	19°♑17'34	
inferior conj	-1017 Jan 13 j 01:25	13°♑51'28	3°46'01
minimum elong	-1017 Jan 12 j 23:41	13°♑56'18	3°45'48
min. Earth dist.	-1017 Jan 15 j 10:09	11°♑13'21	0.63685 AU
morning rise	-1017 Jan 18 j 23:11	7°♑49'10	
direct	-1017 Jan 25 j 22:28	5°♑01'55	
desc. node	-1017 Feb 06 j 21:56	11°♑11'48	
morning max el	-1017 Feb 08 j 15:23	12°♑50'40	27°36'41
	-1017 Feb 22 j 10:12	0°♒	
	-1017 Mar 12 j 06:34	0°♓	
morning set	-1017 Mar 15 j 07:01	5°♓52'59	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

max. Earth dist.	-1017 Mar 20 j 11:54	16°♓32'21	1.33256 AU
	-1017 Mar 23 j 02:36	22°♓05'06	0°-35'-22
minimum elong	-1017 Mar 23 j 04:17	22°♓14'01	0°35'02
asc. node	-1017 Mar 26 j 12:39	29°♓26'04	
	-1017 Mar 26 j 18:58	0°♈	
evening rise	-1017 Mar 30 j 06:50	7°♈27'06	
	-1017 Apr 11 j 06:56	0°♉	
evening max el	-1017 Apr 21 j 18:06	13°♉25'46	22°57'10
retrograde	-1017 May 05 j 01:52	20°♉01'46	
desc. node	-1017 May 05 j 21:06	20°♉00'19	
evening set	-1017 May 08 j 11:16	19°♉36'36	
min. Earth dist.	-1017 May 16 j 03:26	16°♉12'34	0.55570 AU
inferior conj	-1017 May 17 j 16:33	15°♉18'57	-3°-6'-48
minimum elong	-1017 May 17 j 09:38	15°♉28'59	3°04'55
morning rise	-1017 May 26 j 10:53	11°♉24'26	
direct	-1017 May 29 j 04:05	11°♉06'57	
morning max el	-1017 Jun 09 j 02:23	16°♉11'18	20°38'09
	-1017 Jun 19 j 11:46	0°♊	
asc. node	-1017 Jun 22 j 11:54	5°♊21'28	
morning set	-1017 Jun 28 j 01:24	16°♊18'18	
	-1017 Jul 04 j 16:37	0°♋	
	-1017 Jul 05 j 16:37	2°♋02'43	1°42'04
minimum elong	-1017 Jul 05 j 14:53	1°♋53'53	1°41'59
max. Earth dist.	-1017 Jul 10 j 09:39	11°♋27'14	1.36008 AU
evening rise	-1017 Jul 14 j 13:08	19°♋21'18	
	-1017 Jul 20 j 11:42	0°♌	
desc. node	-1017 Aug 01 j 20:23	19°♌41'40	
	-1017 Aug 09 j 07:21	0°♍	
evening max el	-1017 Aug 19 j 04:47	11°♍21'57	26°14'43
retrograde	-1017 Aug 31 j 20:15	18°♍31'35	
evening set	-1017 Sep 07 j 05:07	15°♍52'21	
min. Earth dist.	-1017 Sep 11 j 09:37	11°♍24'35	0.66376 AU
inferior conj	-1017 Sep 12 j 20:26	9°♍37'00	-1°-52'-16
minimum elong	-1017 Sep 12 j 23:13	9°♍28'24	1°51'11
asc. node	-1017 Sep 18 j 11:04	3°♍55'54	
morning rise	-1017 Sep 18 j 18:14	3°♍45'05	
direct	-1017 Sep 21 j 19:24	2°♍51'58	
morning max el	-1017 Sep 28 j 15:32	6°♍41'10	18°51'14
	-1017 Oct 15 j 00:59	0°♎	
morning set	-1017 Oct 20 j 02:33	8°♎00'40	
desc. node	-1017 Oct 28 j 19:42	21°♎45'33	
	-1017 Nov 03 j 01:28	0°♏	
max. Earth dist.	-1017 Nov 04 j 14:39	2°♏26'17	1.44914 AU
	-1017 Nov 05 j 10:59	3°♏46'20	0°-48'-18
minimum elong	-1017 Nov 05 j 04:53	3°♏22'20	0°47'34
evening rise	-1017 Nov 21 j 01:25	28°♏36'48	
	-1017 Nov 21 j 22:02	0°♐	
evening max el	-1017 Dec 12 j 00:43	29°♐53'55	18°47'52
	-1017 Dec 12 j 03:06	0°♑	
asc. node	-1017 Dec 15 j 10:20	2°♑41'22	
retrograde	-1017 Dec 18 j 18:52	3°♑42'16	
evening set	-1017 Dec 21 j 21:14	2°♑47'24	
	-1017 Dec 25 j 04:10	30°℞♐	
inferior conj	-1017 Dec 27 j 16:45	27°♐03'28	3°23'11
minimum elong	-1017 Dec 27 j 14:05	27°♐11'38	3°22'38
min. Earth dist.	-1017 Dec 29 j 10:13	24°♐56'48	0.65193 AU
morning rise	-1016 Jan 02 j 05:53	20°♐54'14	
direct	-1016 Jan 08 j 21:22	18°♐03'42	
morning max el	-1016 Jan 22 j 01:05	25°♐43'30	26°55'37
desc. node	-1016 Jan 24 j 18:57	28°♐37'39	
	-1016 Jan 26 j 00:01	0°♑	
	-1016 Feb 15 j 22:25	0°♒	
morning set	-1016 Feb 26 j 18:33	19°♒26'40	
max. Earth dist.	-1016 Mar 02 j 06:40	28°♒18'53	1.34314 AU
	-1016 Mar 03 j 02:37	0°♓	
	-1016 Mar 06 j 04:52	6°♓22'37	-1°-1'-17
minimum elong	-1016 Mar 06 j 07:41	6°♓37'19	1°00'48
asc. node	-1016 Mar 12 j 09:40	19°♓25'37	
evening rise	-1016 Mar 13 j 16:48	22°♓08'09	
	-1016 Mar 17 j 13:48	0°♈	
evening max el	-1016 Apr 02 j 15:03	24°♈13'31	21°25'54
	-1016 Apr 13 j 05:35	0°♉	
retrograde	-1016 Apr 14 j 16:50	0°♉05'07	
	-1016 Apr 16 j 04:32	30°℞♈	
evening set	-1016 Apr 17 j 03:33	29°♈51'26	
desc. node	-1016 Apr 21 j 18:09	28°♈20'24	
inferior conj	-1016 Apr 26 j 12:01	25°♈50'53	-1°-20'-27
minimum elong	-1016 Apr 26 j 08:15	25°♈56'10	1°19'09
min. Earth dist.	-1016 Apr 26 j 16:30	25°♈44'34	0.55033 AU
morning rise	-1016 May 05 j 13:17	21°♈50'46	
direct	-1016 May 08 j 15:06	21°♈30'08	
morning max el	-1016 May 21 j 04:12	27°♈27'18	22°07'41
	-1016 May 23 j 16:08	0°♉	
asc. node	-1016 Jun 08 j 08:57	24°♉51'14	
	-1016 Jun 10 j 21:45	0°♊	
morning set	-1016 Jun 11 j 11:09	1°♊09'29	
	-1016 Jun 18 j 18:17	16°♊34'10	1°30'25
minimum elong	-1016 Jun 18 j 15:51	16°♊21'25	1°30'09
max. Earth dist.	-1016 Jun 22 j 01:34	23°♊26'09	1.34544 AU
	-1016 Jun 25 j 07:48	0°♋	
evening rise	-1016 Jun 26 j 19:32	2°♋54'53	
	-1016 Jul 12 j 08:36	0°♌	
desc. node	-1016 Jul 18 j 17:25	9°♌21'33	
evening max el	-1016 Jul 31 j 16:27	24°♌50'34	27°02'28
	-1016 Aug 07 j 04:29	0°♍	
retrograde	-1016 Aug 13 j 22:07	2°♍09'40	
	-1016 Aug 20 j 00:09	30°℞♌	
evening set	-1016 Aug 20 j 18:58	29°♌24'00	
min. Earth dist.	-1016 Aug 24 j 16:03	25°♌34'09	0.65276 AU
inferior conj	-1016 Aug 26 j 15:39	23°♌18'04	-2°-45'-28
minimum elong	-1016 Aug 26 j 19:36	23°♌06'48	2°44'08
morning rise	-1016 Sep 01 j 21:40	17°♌39'57	
asc. node	-1016 Sep 04 j 08:07	16°♌59'28	
direct	-1016 Sep 04 j 15:38	16°♌58'56	
morning max el	-1016 Sep 11 j 04:55	20°♌32'21	18°15'11
	-1016 Sep 18 j 10:08	0°♍	
morning set	-1016 Sep 29 j 21:14	18°♍33'03	
	-1016 Oct 06 j 21:20	0°♎	
	-1016 Oct 14 j 12:48	12°♎14'40	0°01'05
minimum elong	-1016 Oct 14 j 12:56	12°♎15'11	0°01'04
behind sun begin	-1016 Oct 14 j 01:56	11°♎31'32	
behind sun end	-1016 Oct 14 j 23:56	12°♎58'47	
desc. node	-1016 Oct 14 j 16:46	12°♎30'22	
max. Earth dist.	-1016 Oct 17 j 09:16	16°♎45'14	1.44864 AU
	-1016 Oct 25 j 20:03	0°♏	
evening rise	-1016 Oct 31 j 02:11	8°♏11'54	
	-1016 Nov 14 j 05:59	0°♐	
greatest brilliancy	-1016 Nov 15 j 22:03	2°♐27'26	-0.7m
evening max el	-1016 Nov 24 j 08:27	13°♐20'40	19°33'39
asc. node	-1016 Dec 01 j 07:22	17°♐33'57	
retrograde	-1016 Dec 01 j 15:32	17°♐34'36	
evening set	-1016 Dec 05 j 01:00	16°♐27'10	
inferior conj	-1016 Dec 10 j 15:26	10°♐28'28	2°49'30
minimum elong	-1016 Dec 10 j 12:33	10°♐37'52	2°48'41
min. Earth dist.	-1016 Dec 11 j 18:53	8°♐58'58	0.66324 AU
morning rise	-1016 Dec 15 j 23:21	4°♐14'46	
direct	-1016 Dec 22 j 02:24	1°♐33'09	
morning max el	-1015 Jan 03 j 10:25	8°♐51'29	25°49'14

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-1015 Jan 10 j 15:58	17°♐06'39	
	-1015 Jan 20 j 02:24	0°♑	
	-1015 Feb 07 j 10:35	0°♒	
morning set	-1015 Feb 08 j 15:38	2°♒12'34	
max. Earth dist.	-1015 Feb 12 j 13:25	9°♒32'33	1.35823 AU
superior conj	-1015 Feb 17 j 23:27	20°♒12'11	-1°-25'-12
minimum elong	-1015 Feb 18 j 03:01	20°♒30'13	1°24'44
	-1015 Feb 22 j 18:38	0°♓	
evening rise	-1015 Feb 25 j 23:04	6°♓31'58	
asc. node	-1015 Feb 27 j 06:42	9°♓12'15	
	-1015 Mar 11 j 03:53	0°♈	
evening max el	-1015 Mar 15 j 22:26	5°♈33'56	20°08'14
retrograde	-1015 Mar 26 j 07:52	10°♈32'23	
evening set	-1015 Mar 28 j 11:32	10°♈20'30	
inferior conj	-1015 Apr 06 j 09:23	6°♈21'27	0°37'53
minimum elong	-1015 Apr 06 j 11:03	6°♈18'56	0°37'18
min. Earth dist.	-1015 Apr 08 j 06:37	5°♈13'45	0.55451 AU
desc. node	-1015 Apr 08 j 15:10	5°♈01'12	
morning rise	-1015 Apr 15 j 07:53	1°♈57'02	
direct	-1015 Apr 19 j 05:01	1°♈24'02	
morning max el	-1015 May 02 j 21:49	8°♈09'58	23°47'20
	-1015 May 18 j 17:14	0°♉	
asc. node	-1015 May 26 j 05:59	14°♉39'38	
morning set	-1015 May 26 j 22:49	16°♉07'37	
	-1015 Jun 02 j 10:04	0°♊	
superior conj	-1015 Jun 03 j 01:22	1°♊22'20	1°13'59
minimum elong	-1015 Jun 02 j 22:51	1°♊08'49	1°13'36
max. Earth dist.	-1015 Jun 05 j 02:54	5°♊47'26	1.33467 AU
evening rise	-1015 Jun 10 j 13:33	17°♊03'56	
	-1015 Jun 17 j 07:51	0°♋	
desc. node	-1015 Jul 05 j 14:27	28°♋24'02	
	-1015 Jul 06 j 20:53	0°♌	
evening max el	-1015 Jul 14 j 03:17	8°♌01'39	27°24'34
retrograde	-1015 Jul 27 j 18:19	15°♌22'40	
evening set	-1015 Aug 03 j 22:08	12°♌41'42	
min. Earth dist.	-1015 Aug 07 j 13:34	9°♌26'29	0.63806 AU
inferior conj	-1015 Aug 10 j 02:32	6°♌48'34	-3°-33'-53
minimum elong	-1015 Aug 10 j 07:03	6°♌36'50	3°32'41
morning rise	-1015 Aug 16 j 18:00	1°♌27'19	
direct	-1015 Aug 19 j 07:14	0°♌55'02	
asc. node	-1015 Aug 22 j 05:10	1°♌37'32	
morning max el	-1015 Aug 25 j 20:23	4°♌21'01	17°56'27
morning set	-1015 Sep 11 j 18:16	0°♍21'15	
	-1015 Sep 11 j 13:21	0°♍	
superior conj	-1015 Sep 24 j 08:46	21°♍39'05	0°46'13
minimum elong	-1015 Sep 24 j 13:22	21°♍57'55	0°45'38
	-1015 Sep 29 j 12:25	0°♎	
max. Earth dist.	-1015 Sep 30 j 02:06	0°♎54'46	1.44103 AU
desc. node	-1015 Oct 01 j 13:45	3°♎16'43	
evening rise	-1015 Oct 10 j 10:33	17°♎08'26	
	-1015 Oct 18 j 21:00	0°♏	
greatest brilliancy	-1015 Nov 01 j 09:51	19°♏32'27	-0.5m
evening max el	-1015 Nov 07 j 11:04	26°♏48'12	20°34'06
	-1015 Nov 11 j 03:46	0°♐	
retrograde	-1015 Nov 15 j 13:04	1°♐34'35	
asc. node	-1015 Nov 18 j 04:23	0°♐54'46	
evening set	-1015 Nov 19 j 07:44	0°♐12'22	
	-1015 Nov 19 j 14:17	30°℞♏	
inferior conj	-1015 Nov 24 j 18:54	24°♏02'15	2°07'54
minimum elong	-1015 Nov 24 j 16:22	24°♏10'51	2°07'00
min. Earth dist.	-1015 Nov 25 j 09:54	23°♏11'21	0.67090 AU
morning rise	-1015 Nov 30 j 00:30	17°♏46'28	
direct	-1015 Dec 05 j 12:47	15°♏22'12	
morning max el	-1015 Dec 16 j 18:46	22°♏04'51	24°27'13
	-1015 Dec 23 j 16:56	0°♐	
desc. node	-1015 Dec 28 j 13:00	6°♐20'03	
	-1014 Jan 13 j 09:50	0°♑	
morning set	-1014 Jan 21 j 16:32	13°♑53'57	
max. Earth dist.	-1014 Jan 25 j 10:27	20°♑34'03	1.37727 AU
	-1014 Jan 30 j 12:21	0°♒	
superior conj	-1014 Feb 01 j 07:02	3°♒24'20	-1°-45'00
minimum elong	-1014 Feb 01 j 10:31	3°♒41'12	1°44'43
evening rise	-1014 Feb 09 j 23:20	20°♒31'30	
asc. node	-1014 Feb 14 j 03:44	28°♒40'12	
	-1014 Feb 14 j 20:41	0°♓	
evening max el	-1014 Feb 26 j 16:47	17°♓32'01	19°08'57
retrograde	-1014 Mar 07 j 11:07	21°♓44'23	
evening set	-1014 Mar 09 j 17:09	21°♓28'57	
inferior conj	-1014 Mar 17 j 21:27	17°♓17'09	2°16'11
minimum elong	-1014 Mar 18 j 01:54	17°♓09'31	2°14'56
min. Earth dist.	-1014 Mar 20 j 22:02	15°♓13'52	0.56727 AU
morning rise	-1014 Mar 26 j 06:36	12°♓20'47	
desc. node	-1014 Mar 26 j 12:10	12°♓15'34	
direct	-1014 Mar 31 j 07:08	11°♓21'53	
morning max el	-1014 Apr 14 j 12:27	18°♓40'51	25°24'37
	-1014 Apr 23 j 23:27	0°♈	
	-1014 May 10 j 21:57	0°♉	
morning set	-1014 May 11 j 10:47	1°♉07'16	
asc. node	-1014 May 13 j 03:03	4°♉41'01	
superior conj	-1014 May 18 j 11:41	16°♉19'55	0°53'52
minimum elong	-1014 May 18 j 09:34	16°♉08'24	0°53'29
max. Earth dist.	-1014 May 19 j 11:39	18°♉30'33	1.32767 AU
	-1014 May 24 j 20:49	0°♊	
evening rise	-1014 May 25 j 15:41	1°♊37'37	
	-1014 Jun 10 j 06:29	0°♋	
desc. node	-1014 Jun 22 j 11:28	16°♋33'38	
evening max el	-1014 Jun 26 j 11:08	20°♋43'05	27°15'38
retrograde	-1014 Jul 10 j 07:56	28°♋01'47	
evening set	-1014 Jul 17 j 10:48	25°♋39'10	
min. Earth dist.	-1014 Jul 21 j 01:04	22°♋49'53	0.62008 AU
inferior conj	-1014 Jul 24 j 02:06	20°♋01'55	-4°-13'-3
minimum elong	-1014 Jul 24 j 06:04	19°♋52'45	4°12'23
morning rise	-1014 Jul 31 j 03:58	15°♋00'37	
direct	-1014 Aug 02 j 15:01	14°♋34'15	
asc. node	-1014 Aug 09 j 02:14	17°♋39'52	
morning max el	-1014 Aug 09 j 11:06	18°♋01'03	17°55'59
	-1014 Aug 18 j 01:45	0°♌	
morning set	-1014 Aug 25 j 11:54	13°♌09'01	
	-1014 Sep 03 j 22:37	0°♍	
superior conj	-1014 Sep 05 j 08:01	2°♍24'32	1°19'21
minimum elong	-1014 Sep 05 j 12:59	2°♍45'51	1°18'50
max. Earth dist.	-1014 Sep 12 j 14:57	14°♍39'19	1.42733 AU
desc. node	-1014 Sep 18 j 10:48	24°♍02'10	
evening rise	-1014 Sep 19 j 19:23	26°♍10'28	
	-1014 Sep 22 j 06:16	0°♎	
	-1014 Oct 12 j 19:20	0°♏	
greatest brilliancy	-1014 Oct 16 j 11:37	4°♏44'59	-0.4m
evening max el	-1014 Oct 21 j 07:54	10°♏16'35	21°46'00
retrograde	-1014 Oct 30 j 09:34	15°♏40'00	
evening set	-1014 Nov 03 j 15:37	14°♏00'47	
asc. node	-1014 Nov 05 j 01:25	12°♏43'44	
inferior conj	-1014 Nov 09 j 01:05	7°♏42'44	1°20'30
minimum elong	-1014 Nov 08 j 23:20	7°♏48'48	1°19'46
min. Earth dist.	-1014 Nov 09 j 04:54	7°♏29'34	0.67510 AU
morning rise	-1014 Nov 14 j 06:47	1°♏27'19	
	-1014 Nov 16 j 12:11	30°℞♎	
direct	-1014 Nov 19 j 03:43	29°♎24'45	
	-1014 Nov 21 j 23:32	0°♏	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning max el	-1014 Nov 29 j 04:20	5°♏22'24	22°59'42
greatest brilliancy	-1014 Dec 03 j 23:54	10°♏46'01	-0.3m
desc. node	-1014 Dec 15 j 10:04	26°♏05'26	
	-1014 Dec 18 j 02:33	0°♐	
morning set	-1013 Jan 02 j 15:03	24°♐15'35	
	-1013 Jan 06 j 00:59	0°♑	
max. Earth dist.	-1013 Jan 07 j 05:49	2°♑03'32	1.39838 AU
superior conj	-1013 Jan 14 j 23:21	15°♑48'24	-1°-57'-41
minimum elong	-1013 Jan 15 j 01:17	15°♑57'18	1°57'38
	-1013 Jan 22 j 12:35	0°♒	
evening rise	-1013 Jan 24 j 14:51	4°♒00'20	
asc. node	-1013 Feb 01 j 00:46	17°♒43'16	
	-1013 Feb 09 j 18:49	0°♓	
evening max el	-1013 Feb 09 j 20:00	0°♓02'53	18°29'30
retrograde	-1013 Feb 17 j 09:09	3°♓44'58	
evening set	-1013 Feb 19 j 19:36	3°♓23'05	
	-1013 Feb 25 j 18:59	30°℞♒	
inferior conj	-1013 Feb 27 j 06:09	28°♒51'03	3°19'19
minimum elong	-1013 Feb 27 j 09:50	28°♒43'41	3°18'39
min. Earth dist.	-1013 Mar 02 j 16:18	26°♒08'23	0.58582 AU
morning rise	-1013 Mar 06 j 20:19	23°♒26'36	
direct	-1013 Mar 12 j 22:22	21°♒51'27	
desc. node	-1013 Mar 13 j 09:14	21°♒51'59	
morning max el	-1013 Mar 27 j 06:03	29°♒28'20	26°44'11
	-1013 Mar 27 j 18:53	0°♓	
	-1013 Apr 17 j 17:25	0°♈	
morning set	-1013 Apr 25 j 21:21	16°♈01'50	
asc. node	-1013 Apr 30 j 00:06	24°♈49'48	
	-1013 May 02 j 08:50	0°♉	
superior conj	-1013 May 02 j 23:21	1°♉19'41	0°30'56
minimum elong	-1013 May 02 j 22:01	1°♉12'23	0°30'40
max. Earth dist.	-1013 May 03 j 00:16	1°♉24'39	1.32429 AU
evening rise	-1013 May 09 j 23:09	16°♉25'48	
	-1013 May 16 j 19:02	0°♊	
	-1013 Jun 05 j 21:30	0°♋	
evening max el	-1013 Jun 08 j 13:19	2°♋42'37	26°33'38
desc. node	-1013 Jun 09 j 08:30	3°♋27'21	
retrograde	-1013 Jun 22 j 13:31	9°♋58'03	
evening set	-1013 Jun 29 j 04:24	8°♋06'44	
min. Earth dist.	-1013 Jul 03 j 02:34	5°♋28'52	0.59989 AU
inferior conj	-1013 Jul 06 j 10:44	2°♋48'08	-4°-36'-8
minimum elong	-1013 Jul 06 j 12:24	2°♋44'46	4°36'03
	-1013 Jul 10 j 04:44	30°℞♊	
morning rise	-1013 Jul 13 j 23:41	28°♊09'19	
direct	-1013 Jul 16 j 10:47	27°♊46'57	
	-1013 Jul 22 j 06:54	0°♋	
morning max el	-1013 Jul 23 j 22:07	1°♋24'10	18°14'55
asc. node	-1013 Jul 26 j 23:19	4°♋50'32	
morning set	-1013 Aug 08 j 20:31	26°♋40'26	
	-1013 Aug 10 j 14:42	0°♌	
superior conj	-1013 Aug 18 j 08:44	14°♌25'40	1°39'07
minimum elong	-1013 Aug 18 j 11:47	14°♌39'29	1°38'56
max. Earth dist.	-1013 Aug 25 j 22:31	27°♌45'12	1.40928 AU
	-1013 Aug 27 j 06:21	0°♍	
evening rise	-1013 Aug 30 j 21:32	6°♍01'33	
desc. node	-1013 Sep 05 j 07:51	14°♍42'33	
	-1013 Sep 15 j 11:20	0°♎	
greatest brilliancy	-1013 Sep 28 j 12:26	17°♎37'55	-0.2m
evening max el	-1013 Oct 03 j 23:29	23°♎46'00	23°04'54
retrograde	-1013 Oct 14 j 03:35	29°♎47'38	
evening set	-1013 Oct 18 j 22:54	27°♎49'57	
asc. node	-1013 Oct 22 j 22:29	23°♎22'12	
inferior conj	-1013 Oct 24 j 08:07	21°♎27'31	0°28'56
minimum elong	-1013 Oct 24 j 07:27	21°♎29'51	0°28'37
min. Earth dist.	-1013 Oct 24 j 01:27	21°♎50'30	0.67602 AU
morning rise	-1013 Oct 29 j 16:00	15°♎15'03	
direct	-1013 Nov 02 j 22:16	13°♎35'05	
morning max el	-1013 Nov 11 j 18:40	18°♎47'20	21°35'27
greatest brilliancy	-1013 Nov 16 j 19:00	24°♎30'57	-0.4m
	-1013 Nov 20 j 23:47	0°♏	
desc. node	-1013 Dec 02 j 07:08	16°♏13'34	
	-1013 Dec 11 j 07:07	0°♐	
morning set	-1013 Dec 13 j 08:41	3°♐15'19	
max. Earth dist.	-1013 Dec 20 j 06:42	14°♐26'57	1.41861 AU
superior conj	-1013 Dec 27 j 19:03	27°♐11'09	-1°-59'-19
minimum elong	-1013 Dec 27 j 17:29	27°♐04'21	1°59'19
	-1013 Dec 29 j 09:41	0°♑	
evening rise	-1012 Jan 07 j 18:08	16°♑50'58	
	-1012 Jan 15 j 01:50	0°♒	
asc. node	-1012 Jan 18 j 21:48	6°♒13'40	
evening max el	-1012 Jan 24 j 05:11	12°♒58'35	18°10'03
retrograde	-1012 Jan 31 j 00:53	16°♒26'23	
evening set	-1012 Feb 02 j 15:16	15°♒56'44	
inferior conj	-1012 Feb 09 j 10:57	11°♒02'54	3°48'52
minimum elong	-1012 Feb 09 j 12:19	10°♒59'43	3°48'46
min. Earth dist.	-1012 Feb 12 j 16:36	8°♒04'17	0.60656 AU
morning rise	-1012 Feb 16 j 06:28	5°♒18'24	
direct	-1012 Feb 23 j 00:59	3°♒06'39	
desc. node	-1012 Feb 28 j 06:17	4°♒18'19	
morning max el	-1012 Mar 08 j 05:58	10°♒53'20	27°33'15
	-1012 Mar 23 j 04:03	0°♓	
	-1012 Apr 08 j 19:57	0°♈	
morning set	-1012 Apr 09 j 04:43	0°♈45'07	
max. Earth dist.	-1012 Apr 15 j 12:55	14°♈16'39	1.32449 AU
asc. node	-1012 Apr 15 j 21:10	15°♈01'44	
superior conj	-1012 Apr 16 j 10:45	16°♈15'58	0°06'00
minimum elong	-1012 Apr 16 j 10:28	16°♈14'29	0°05'57
behind sun begin	-1012 Apr 16 j 05:46	15°♈48'46	
behind sun end	-1012 Apr 16 j 15:10	16°♈40'12	
	-1012 Apr 22 j 18:29	0°♉	
evening rise	-1012 Apr 23 j 09:45	1°♉20'53	
	-1012 May 09 j 02:17	0°♊	
evening max el	-1012 May 20 j 08:34	13°♊57'04	25°22'15
desc. node	-1012 May 26 j 05:31	18°♊34'24	
retrograde	-1012 Jun 03 j 09:31	21°♊07'17	
evening set	-1012 Jun 08 j 23:25	19°♊54'32	
min. Earth dist.	-1012 Jun 13 j 20:27	17°♊09'58	0.57966 AU
inferior conj	-1012 Jun 17 j 00:53	14°♊57'16	-4°-32'-54
minimum elong	-1012 Jun 16 j 22:28	15°♊01'31	4°32'43
morning rise	-1012 Jun 25 j 01:25	10°♊41'02	
direct	-1012 Jun 27 j 13:53	10°♊21'37	
morning max el	-1012 Jul 06 j 02:27	14°♊21'33	18°54'17
asc. node	-1012 Jul 12 j 20:24	22°♊54'45	
	-1012 Jul 17 j 00:35	0°♋	
morning set	-1012 Jul 22 j 15:51	10°♋44'08	
superior conj	-1012 Jul 31 j 05:22	27°♋27'09	1°47'14
minimum elong	-1012 Jul 31 j 06:08	27°♋30'48	1°47'14
	-1012 Aug 01 j 13:35	0°♌	
max. Earth dist.	-1012 Aug 07 j 01:40	10°♌07'05	1.38929 AU
evening rise	-1012 Aug 11 j 00:38	17°♌03'25	
	-1012 Aug 18 j 20:36	0°♍	
desc. node	-1012 Aug 22 j 04:52	5°♍13'50	
	-1012 Sep 08 j 22:57	0°♎	
evening max el	-1012 Sep 15 j 11:38	7°♎17'52	24°24'47
retrograde	-1012 Sep 26 j 18:01	13°♎53'50	
evening set	-1012 Oct 02 j 03:51	11°♎37'44	
min. Earth dist.	-1012 Oct 06 j 21:09	6°♎12'05	0.67380 AU
inferior conj	-1012 Oct 07 j 14:14	5°♎14'47	0°-25'-18

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-1012 Oct 07 j 14:51	5°♎12'43	0°25'03
asc. node	-1012 Oct 08 j 19:34	3°♎37'31	
	-1012 Oct 12 j 00:29	30°℞♍	
morning rise	-1012 Oct 13 j 02:11	29°♍07'52	
direct	-1012 Oct 16 j 19:23	27°♍48'42	
	-1012 Oct 22 j 01:02	0°♎	
morning max el	-1012 Oct 24 j 16:09	2°♎21'50	20°20'40
greatest brilliancy	-1012 Oct 31 j 06:32	10°♎18'14	-0.6m
	-1012 Nov 13 j 19:56	0°♏	
desc. node	-1012 Nov 18 j 04:10	6°♏37'19	
morning set	-1012 Nov 21 j 06:56	11°♏25'28	
max. Earth dist.	-1012 Dec 01 j 14:45	27°♏41'28	1.43519 AU
	-1012 Dec 03 j 01:08	0°♐	
superior conj	-1012 Dec 07 j 12:50	7°♐19'47	-1°-45'-32
minimum elong	-1012 Dec 07 j 06:42	6°♐54'30	1°45'08
evening rise	-1012 Dec 20 j 04:56	28°♐53'39	
	-1012 Dec 20 j 20:10	0°♑	
asc. node	-1011 Jan 04 j 18:51	24°♑00'29	
evening max el	-1011 Jan 06 j 17:16	26°♑09'58	18°10'10
retrograde	-1011 Jan 13 j 05:48	29°♑37'02	
evening set	-1011 Jan 16 j 00:04	28°♑58'42	
inferior conj	-1011 Jan 22 j 08:11	23°♑43'57	3°52'36
minimum elong	-1011 Jan 22 j 07:22	23°♑46'05	3°52'33
min. Earth dist.	-1011 Jan 25 j 01:34	20°♑52'47	0.62651 AU
morning rise	-1011 Jan 28 j 12:39	17°♑46'35	
direct	-1011 Feb 04 j 12:54	15°♑07'50	
desc. node	-1011 Feb 14 j 03:20	19°♑08'41	
morning max el	-1011 Feb 18 j 11:34	22°♑58'39	27°45'49
	-1011 Feb 24 j 18:01	0°♒	
	-1011 Mar 16 j 08:33	0°♓	
morning set	-1011 Mar 24 j 06:39	15°♓08'50	
max. Earth dist.	-1011 Mar 29 j 21:27	26°♓51'13	1.32841 AU
	-1011 Mar 31 j 08:35	0°♈	
superior conj	-1011 Mar 31 j 20:06	1°♈02'13	0°-20'-9
minimum elong	-1011 Mar 31 j 21:03	1°♈07'20	0°19'58
asc. node	-1011 Apr 02 j 18:12	5°♈12'05	
evening rise	-1011 Apr 07 j 21:30	16°♈15'19	
	-1011 Apr 14 j 18:23	0°♉	
evening max el	-1011 May 01 j 23:30	24°♉39'33	23°51'59
	-1011 May 09 j 07:28	0°♊	
desc. node	-1011 May 13 j 02:32	1°♊17'58	
retrograde	-1011 May 15 j 17:54	1°♊33'53	
evening set	-1011 May 19 j 21:46	0°♊55'33	
	-1011 May 22 j 08:41	30°℞♉	
min. Earth dist.	-1011 May 26 j 10:34	27°♉48'59	0.56259 AU
inferior conj	-1011 May 28 j 18:48	26°♉23'03	-3°-51'-11
minimum elong	-1011 May 28 j 12:30	26°♉32'45	3°49'53
morning rise	-1011 Jun 06 j 06:58	22°♉23'51	
direct	-1011 Jun 08 j 21:34	22°♉06'23	
morning max el	-1011 Jun 18 j 21:24	26°♉43'51	19°54'32
	-1011 Jun 21 j 23:05	0°♊	
asc. node	-1011 Jun 29 j 17:28	11°♊39'57	
morning set	-1011 Jul 06 j 18:40	25°♊11'43	
	-1011 Jul 09 j 03:27	0°♋	
superior conj	-1011 Jul 14 j 16:30	11°♋13'19	1°46'06
minimum elong	-1011 Jul 14 j 15:28	11°♋08'13	1°46'05
max. Earth dist.	-1011 Jul 20 j 05:17	21°♋59'10	1.36997 AU
evening rise	-1011 Jul 24 j 03:28	29°♋14'45	
	-1011 Jul 24 j 13:30	0°♌	
desc. node	-1011 Aug 09 j 01:52	25°♌31'05	
	-1011 Aug 12 j 03:09	0°♍	
evening max el	-1011 Aug 28 j 22:52	20°♍53'22	25°38'25
retrograde	-1011 Sep 10 j 04:05	27°♍54'26	
evening set	-1011 Sep 16 j 04:40	25°♍22'24	

min. Earth dist.	-1011 Sep 20 j 13:41	20°♍32'47	0.66834 AU
inferior conj	-1011 Sep 21 j 17:42	19°♍02'55	-1°-20'-36
minimum elong	-1011 Sep 21 j 19:42	18°♍56'30	1°19'47
asc. node	-1011 Sep 25 j 16:37	14°♍28'37	
morning rise	-1011 Sep 27 j 11:26	13°♍04'29	
direct	-1011 Sep 30 j 17:44	12°♍02'57	
morning max el	-1011 Oct 07 j 21:03	16°♍05'48	19°19'25
greatest brilliancy	-1011 Oct 17 j 21:10	29°♍11'20	-0.7m
	-1011 Oct 18 j 10:17	0°♎	
morning set	-1011 Oct 31 j 09:18	19°♎55'58	
desc. node	-1011 Nov 05 j 01:11	27°♎12'25	
	-1011 Nov 06 j 20:04	0°♏	
max. Earth dist.	-1011 Nov 14 j 04:59	11°♏35'03	1.44605 AU
superior conj	-1011 Nov 17 j 04:28	16°♏18'18	-1°-13'-44
minimum elong	-1011 Nov 16 j 20:34	15°♏46'54	1°12'53
	-1011 Nov 25 j 16:42	0°♐	
evening rise	-1011 Dec 01 j 18:53	10°♐00'59	
	-1011 Dec 14 j 00:51	0°♑	
evening max el	-1011 Dec 21 j 05:36	9°♑31'19	18°29'00
asc. node	-1011 Dec 22 j 15:53	10°♑51'26	
retrograde	-1011 Dec 27 j 19:30	13°♑08'52	
evening set	-1011 Dec 30 j 18:31	12°♑20'32	
inferior conj	-1010 Jan 05 j 17:57	6°♑46'48	3°37'51
minimum elong	-1010 Jan 05 j 15:43	6°♑53'17	3°37'30
min. Earth dist.	-1010 Jan 07 j 20:16	4°♑20'35	0.64375 AU
morning rise	-1010 Jan 11 j 11:35	0°♑41'07	
	-1010 Jan 12 j 08:36	30°℞♐	
direct	-1010 Jan 18 j 08:23	27°♐50'22	
	-1010 Jan 24 j 23:29	0°♑	
morning max el	-1010 Jan 31 j 20:24	5°♑37'14	27°22'42
desc. node	-1010 Feb 01 j 00:23	5°♑47'11	
	-1010 Feb 19 j 11:34	0°♒	
morning set	-1010 Mar 08 j 00:26	29°♒04'02	
	-1010 Mar 08 j 11:50	0°♓	
max. Earth dist.	-1010 Mar 12 j 22:00	8°♓56'31	1.33648 AU
superior conj	-1010 Mar 16 j 01:35	15°♓32'29	0°-46'-30
minimum elong	-1010 Mar 16 j 03:46	15°♓44'03	0°46'06
asc. node	-1010 Mar 20 j 15:13	25°♓16'55	
	-1010 Mar 22 j 20:37	0°♈	
evening rise	-1010 Mar 23 j 08:38	1°♈03'05	
	-1010 Apr 08 j 23:05	0°♉	
evening max el	-1010 Apr 13 j 16:31	5°♉17'57	22°17'14
retrograde	-1010 Apr 26 j 13:37	11°♉36'48	
evening set	-1010 Apr 29 j 11:11	11°♉18'18	
desc. node	-1010 Apr 29 j 23:33	11°♉11'18	
min. Earth dist.	-1010 May 07 j 23:45	7°♉38'04	0.55224 AU
inferior conj	-1010 May 08 j 19:45	7°♉09'48	-2°-25'-17
minimum elong	-1010 May 08 j 13:33	7°♉18'34	2°23'22
morning rise	-1010 May 17 j 17:47	3°♉14'51	
direct	-1010 May 20 j 13:35	2°♉56'45	
morning max el	-1010 Jun 01 j 05:18	8°♉23'57	21°14'26
	-1010 Jun 16 j 02:48	0°♊	
asc. node	-1010 Jun 16 j 14:30	0°♊55'56	
morning set	-1010 Jun 21 j 02:28	9°♊55'59	
superior conj	-1010 Jun 28 j 13:47	25°♊31'02	1°37'47
minimum elong	-1010 Jun 28 j 11:40	25°♊20'07	1°37'37
	-1010 Jun 30 j 18:13	0°♋	
max. Earth dist.	-1010 Jul 02 j 15:48	3°♋49'37	1.35335 AU
evening rise	-1010 Jul 07 j 01:14	12°♋22'31	
	-1010 Jul 16 j 23:22	0°♌	
desc. node	-1010 Jul 26 j 22:53	15°♌27'08	
	-1010 Aug 07 j 04:49	0°♍	
evening max el	-1010 Aug 11 j 10:35	4°♍27'44	26°37'54
retrograde	-1010 Aug 24 j 09:01	11°♍42'34	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening set	-1010 Aug 30 j 23:13	8°♍59'49	
min. Earth dist.	-1010 Sep 04 j 00:32	4°♍47'59	0.65947 AU
inferior conj	-1010 Sep 05 j 16:34	2°♍47'56	-2°-15'-14
minimum elong	-1010 Sep 05 j 19:53	2°♍37'59	2°13'59
	-1010 Sep 08 j 03:03	30°℞♌	
morning rise	-1010 Sep 11 j 17:40	27°♌01'11	
asc. node	-1010 Sep 12 j 13:40	26°♌37'52	
direct	-1010 Sep 14 j 15:27	26°♌13'36	
	-1010 Sep 21 j 09:45	0°♍	
morning max el	-1010 Sep 21 j 07:54	29°♌55'18	18°33'49
morning set	-1010 Oct 11 j 11:30	29°♍40'04	
	-1010 Oct 11 j 16:28	0°♎	
desc. node	-1010 Oct 22 j 22:12	17°♎54'30	
superior conj	-1010 Oct 27 j 05:04	24°♎39'54	0°-27'-38
minimum elong	-1010 Oct 27 j 01:25	24°♎25'33	0°27'10
max. Earth dist.	-1010 Oct 27 j 23:07	25°♎50'54	1.44989 AU
	-1010 Oct 30 j 14:29	0°♏	
evening rise	-1010 Nov 12 j 08:54	20°♏08'17	
	-1010 Nov 18 j 14:06	0°♐	
evening max el	-1010 Dec 04 j 15:41	22°♐57'26	19°05'25
asc. node	-1010 Dec 09 j 12:54	26°♐31'41	
retrograde	-1010 Dec 11 j 14:24	26°♐55'15	
evening set	-1010 Dec 14 j 19:37	25°♐55'15	
inferior conj	-1010 Dec 20 j 12:45	20°♐04'52	3°09'59
minimum elong	-1010 Dec 20 j 09:55	20°♐13'48	3°09'19
min. Earth dist.	-1010 Dec 22 j 00:08	18°♐13'34	0.65730 AU
morning rise	-1010 Dec 25 j 23:19	13°♐53'41	
direct	-1009 Jan 01 j 10:07	11°♐05'29	
morning max el	-1009 Jan 14 j 05:56	18°♐37'18	26°29'49
desc. node	-1009 Jan 18 j 21:25	23°♐42'39	
	-1009 Jan 23 j 21:52	0°♑	
	-1009 Feb 12 j 11:09	0°♒	
morning set	-1009 Feb 19 j 06:26	12°♒19'20	
max. Earth dist.	-1009 Feb 23 j 11:31	20°♒27'20	1.34903 AU
superior conj	-1009 Feb 28 j 00:58	29°♒39'44	-1°-11'-47
minimum elong	-1009 Feb 28 j 04:10	29°♒56'15	1°11'18
	-1009 Feb 28 j 04:54	0°♓	
evening rise	-1009 Mar 07 j 17:18	15°♓38'03	
asc. node	-1009 Mar 07 j 12:15	15°♓11'58	
	-1009 Mar 15 j 02:00	0°♈	
evening max el	-1009 Mar 26 j 17:47	16°♈19'04	20°50'52
retrograde	-1009 Apr 07 j 02:39	21°♈47'29	
evening set	-1009 Apr 09 j 08:53	21°♈35'22	
desc. node	-1009 Apr 16 j 20:35	18°♈36'31	
inferior conj	-1009 Apr 18 j 14:15	17°♈37'50	0°-29'-38
minimum elong	-1009 Apr 18 j 12:51	17°♈39'50	0°29'09
min. Earth dist.	-1009 Apr 19 j 13:08	17°♈05'13	0.55096 AU
morning rise	-1009 Apr 27 j 15:44	13°♈29'27	
direct	-1009 May 01 j 00:45	13°♈04'48	
morning max el	-1009 May 14 j 02:59	19°♈23'48	22°49'28
	-1009 May 22 j 21:14	0°♉	
asc. node	-1009 Jun 03 j 11:33	20°♉34'56	
morning set	-1009 Jun 05 j 13:16	24°♉51'25	
	-1009 Jun 07 j 23:42	0°♊	
superior conj	-1009 Jun 12 j 18:03	10°♊10'51	1°23'57
minimum elong	-1009 Jun 12 j 15:32	9°♊57'25	1°23'38
max. Earth dist.	-1009 Jun 15 j 12:11	15°♊59'21	1.34041 AU
evening rise	-1009 Jun 20 j 13:07	26°♊13'17	
	-1009 Jun 22 j 11:45	0°♋	
	-1009 Jul 10 j 08:06	0°♌	
desc. node	-1009 Jul 13 j 19:55	4°♌52'52	
evening max el	-1009 Jul 24 j 22:21	17°♌51'23	27°15'26
retrograde	-1009 Aug 07 j 08:18	25°♌11'06	
evening set	-1009 Aug 14 j 08:55	22°♌26'11	
min. Earth dist.	-1009 Aug 18 j 03:25	18°♌51'37	0.64699 AU
inferior conj	-1009 Aug 20 j 08:35	16°♌25'32	-3°-6'-48
minimum elong	-1009 Aug 20 j 12:52	16°♌13'45	3°05'28
morning rise	-1009 Aug 26 j 18:28	10°♌53'59	
direct	-1009 Aug 29 j 10:13	10°♌16'54	
asc. node	-1009 Aug 30 j 10:43	10°♌22'24	
morning max el	-1009 Sep 04 j 22:26	13°♌45'54	18°05'02
	-1009 Sep 16 j 07:26	0°♍	
morning set	-1009 Sep 22 j 18:00	10°♍46'59	
	-1009 Oct 04 j 09:18	0°♎	
superior conj	-1009 Oct 06 j 12:28	3°♎26'05	0°21'23
minimum elong	-1009 Oct 06 j 15:00	3°♎36'14	0°21'02
desc. node	-1009 Oct 09 j 19:14	8°♎40'22	
max. Earth dist.	-1009 Oct 10 j 17:48	10°♎09'49	1.44632 AU
evening rise	-1009 Oct 23 j 01:15	29°♎23'37	
	-1009 Oct 23 j 10:40	0°♏	
greatest brilliancy	-1009 Nov 10 j 16:03	27°♏24'02	-0.6m
	-1009 Nov 12 j 13:38	0°♐	
evening max el	-1009 Nov 17 j 21:27	6°♐25'08	19°57'42
retrograde	-1009 Nov 25 j 11:42	10°♐51'44	
asc. node	-1009 Nov 26 j 09:56	10°♐46'49	
evening set	-1009 Nov 29 j 00:56	9°♐38'04	
inferior conj	-1009 Dec 04 j 13:45	3°♐34'03	2°32'41
minimum elong	-1009 Dec 04 j 10:58	3°♐43'20	2°31'48
min. Earth dist.	-1009 Dec 05 j 11:39	2°♐21'16	0.66700 AU
	-1009 Dec 07 j 07:56	30°℞♏	
morning rise	-1009 Dec 09 j 20:25	27°♏19'24	
direct	-1009 Dec 15 j 17:20	24°♏44'37	
	-1009 Dec 25 j 17:35	0°♐	
morning max el	-1009 Dec 27 j 14:45	1°♐48'30	25°15'40
desc. node	-1008 Jan 05 j 18:27	12°♐32'33	
	-1008 Jan 18 j 00:05	0°♑	
morning set	-1008 Feb 01 j 19:43	24°♑39'55	
	-1008 Feb 04 j 17:46	0°♒	
max. Earth dist.	-1008 Feb 05 j 13:54	1°♒33'50	1.36598 AU
superior conj	-1008 Feb 11 j 15:21	13°♒14'57	-1°-34'-16
minimum elong	-1008 Feb 11 j 19:02	13°♒33'10	1°33'51
evening rise	-1008 Feb 19 j 21:23	29°♒52'58	
	-1008 Feb 19 j 22:46	0°♓	
asc. node	-1008 Feb 22 j 09:17	4°♓51'42	
evening max el	-1008 Mar 08 j 05:54	27°♓55'28	19°40'34
	-1008 Mar 10 j 17:21	0°♈	
retrograde	-1008 Mar 17 j 21:48	2°♈33'01	
evening set	-1008 Mar 20 j 01:56	2°♈20'01	
	-1008 Mar 25 j 20:23	30°℞♓	
inferior conj	-1008 Mar 28 j 16:38	28°♓16'27	1°23'26
minimum elong	-1008 Mar 28 j 19:58	28°♓11'11	1°22'20
min. Earth dist.	-1008 Mar 31 j 03:24	26°♓44'11	0.55902 AU
desc. node	-1008 Apr 02 j 17:37	25°♓14'33	
morning rise	-1008 Apr 06 j 10:37	23°♓38'58	
direct	-1008 Apr 10 j 18:49	22°♓56'53	
	-1008 Apr 24 j 19:21	0°♈	
morning max el	-1008 Apr 24 j 18:36	29°♓58'12	24°29'59
	-1008 May 15 j 04:41	0°♉	
morning set	-1008 May 20 j 01:18	9°♉51'13	
asc. node	-1008 May 20 j 08:36	10°♉29'39	
superior conj	-1008 May 27 j 02:46	25°♉03'52	1°05'51
minimum elong	-1008 May 27 j 00:22	24°♉50'53	1°05'27
max. Earth dist.	-1008 May 28 j 17:13	28°♉31'31	1.33125 AU
	-1008 May 29 j 09:42	0°♊	
evening rise	-1008 Jun 03 j 10:58	10°♊33'52	
	-1008 Jun 13 j 18:59	0°♋	
desc. node	-1008 Jun 29 j 16:56	23°♋35'01	
	-1008 Jul 05 j 11:14	0°♌	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening max el	-1008 Jul 06 j 08:10	0°♌50'57	27°24'41
retrograde	-1008 Jul 20 j 01:37	8°♌10'55	
evening set	-1008 Jul 27 j 06:25	5°♌35'46	
min. Earth dist.	-1008 Jul 30 j 20:31	2°♌33'21	0.63082 AU
	-1008 Aug 02 j 10:45	30°℞♋	
inferior conj	-1008 Aug 02 j 15:02	29°♋49'22	-3°-51'-56
minimum elong	-1008 Aug 02 j 19:30	29°♋38'20	3°50'57
morning rise	-1008 Aug 09 j 10:51	24°♋36'27	
direct	-1008 Aug 11 j 22:57	24°♋06'53	
asc. node	-1008 Aug 16 j 07:47	25°♋37'59	
morning max el	-1008 Aug 18 j 13:58	27°♋31'47	17°54'01
	-1008 Aug 20 j 19:03	0°♌	
morning set	-1008 Sep 04 j 00:30	23°♌02'26	
	-1008 Sep 07 j 23:37	0°♍	
superior conj	-1008 Sep 15 j 19:45	13°♍24'20	1°01'56
minimum elong	-1008 Sep 16 j 00:55	13°♍45'57	1°01'19
max. Earth dist.	-1008 Sep 22 j 09:32	24°♍11'58	1.43583 AU
desc. node	-1008 Sep 25 j 16:18	29°♍26'55	
	-1008 Sep 26 j 00:39	0°♎	
evening rise	-1008 Oct 01 j 07:27	8°♎16'26	
	-1008 Oct 15 j 17:42	0°♏	
greatest brilliancy	-1008 Oct 25 j 11:27	13°♏31'44	-0.5m
evening max el	-1008 Oct 30 j 21:34	19°♏53'00	21°03'27
retrograde	-1008 Nov 08 j 09:08	24°♏55'01	
evening set	-1008 Nov 12 j 08:25	23°♏25'39	
asc. node	-1008 Nov 12 j 06:59	23°♏28'21	
inferior conj	-1008 Nov 17 j 18:39	17°♏11'27	1°48'26
minimum elong	-1008 Nov 17 j 16:24	17°♏19'10	1°47'35
min. Earth dist.	-1008 Nov 18 j 04:40	16°♏37'04	0.67304 AU
morning rise	-1008 Nov 23 j 00:01	10°♏55'33	
direct	-1008 Nov 28 j 05:37	8°♏40'28	
morning max el	-1008 Dec 08 j 23:31	15°♏04'54	23°50'13
	-1008 Dec 21 j 04:29	0°♐	
desc. node	-1008 Dec 22 j 15:31	2°♐01'16	
	-1007 Jan 09 j 22:57	0°♑	
morning set	-1007 Jan 13 j 10:13	5°♑50'03	
max. Earth dist.	-1007 Jan 17 j 09:39	12°♑45'08	1.38616 AU
superior conj	-1007 Jan 24 j 17:05	26°♑08'37	-1°-51'-27
minimum elong	-1007 Jan 24 j 20:09	26°♑23'03	1°51'16
	-1007 Jan 26 j 17:41	0°♒	
evening rise	-1007 Feb 02 j 18:23	13°♒41'13	
asc. node	-1007 Feb 08 j 06:20	24°♒10'30	
	-1007 Feb 11 j 14:15	0°♓	
evening max el	-1007 Feb 19 j 04:19	10°♓08'28	18°49'37
retrograde	-1007 Feb 27 j 09:04	14°♓06'22	
evening set	-1007 Mar 01 j 16:46	13°♓48'32	
inferior conj	-1007 Mar 09 j 13:17	9°♓28'33	2°47'25
minimum elong	-1007 Mar 09 j 17:45	9°♓20'23	2°46'20
min. Earth dist.	-1007 Mar 12 j 19:55	7°♓05'52	0.57465 AU
morning rise	-1007 Mar 17 j 14:37	4°♓18'53	
desc. node	-1007 Mar 20 j 14:39	3°♓20'49	
direct	-1007 Mar 23 j 02:29	3°♓05'32	
morning max el	-1007 Apr 06 j 10:11	10°♓34'05	26°01'29
	-1007 Apr 21 j 06:46	0°♈	
morning set	-1007 May 04 j 12:53	24°♈49'34	
	-1007 May 06 j 23:13	0°♉	
asc. node	-1007 May 07 j 05:40	0°♉34'46	
superior conj	-1007 May 11 j 13:53	10°♉03'10	0°44'26
minimum elong	-1007 May 11 j 12:04	9°♉53'12	0°44'05
max. Earth dist.	-1007 May 12 j 03:57	11°♉20'06	1.32578 AU
evening rise	-1007 May 18 j 15:39	25°♉14'25	
	-1007 May 20 j 23:35	0°♊	
	-1007 Jun 07 j 11:26	0°♋	
desc. node	-1007 Jun 16 j 13:57	11°♋15'18	
evening max el	-1007 Jun 18 j 13:35	13°♋14'21	27°01'38
retrograde	-1007 Jul 02 j 12:11	20°♋32'34	
evening set	-1007 Jul 09 j 11:31	18°♋21'30	
min. Earth dist.	-1007 Jul 13 j 03:30	15°♋39'22	0.61163 AU
inferior conj	-1007 Jul 16 j 08:38	12°♋51'43	-4°-25'-22
minimum elong	-1007 Jul 16 j 11:52	12°♋44'39	4°24'59
morning rise	-1007 Jul 23 j 15:13	8°♋00'08	
direct	-1007 Jul 26 j 01:57	7°♋35'47	
morning max el	-1007 Aug 02 j 03:32	11°♋05'41	18°01'40
asc. node	-1007 Aug 03 j 04:53	12°♋11'05	
	-1007 Aug 14 j 16:30	0°♌	
morning set	-1007 Aug 18 j 01:03	6°♌09'41	
superior conj	-1007 Aug 28 j 06:23	24°♌43'25	1°29'18
minimum elong	-1007 Aug 28 j 10:40	25°♌02'16	1°28'56
	-1007 Aug 31 j 07:06	0°♍	
max. Earth dist.	-1007 Sep 04 j 19:41	7°♍39'20	1.41995 AU
evening rise	-1007 Sep 10 j 21:50	17°♍33'58	
desc. node	-1007 Sep 12 j 13:19	20°♍10'25	
	-1007 Sep 18 j 21:56	0°♎	
greatest brilliancy	-1007 Oct 08 j 22:16	28°♎01'12	-0.3m
	-1007 Oct 10 j 14:12	0°♏	
evening max el	-1007 Oct 13 j 15:51	3°♏20'51	22°19'05
retrograde	-1007 Oct 23 j 04:51	9°♏01'25	
evening set	-1007 Oct 27 j 16:14	7°♏14'34	
asc. node	-1007 Oct 30 j 04:04	4°♏42'55	
inferior conj	-1007 Nov 02 j 01:24	0°♏53'59	0°59'03
minimum elong	-1007 Nov 02 j 00:04	0°♏58'35	0°58'29
min. Earth dist.	-1007 Nov 02 j 00:42	0°♏56'23	0.67579 AU
	-1007 Nov 02 j 17:02	30°℞♎	
morning rise	-1007 Nov 07 j 07:45	24°♎39'16	
direct	-1007 Nov 11 j 22:13	22°♎46'24	
morning max el	-1007 Nov 21 j 10:42	28°♎25'05	22°23'03
	-1007 Nov 22 j 22:47	0°♏	
greatest brilliancy	-1007 Nov 26 j 02:18	3°♏38'35	-0.3m
desc. node	-1007 Dec 09 j 12:34	21°♏57'04	
	-1007 Dec 14 j 22:00	0°♐	
morning set	-1007 Dec 24 j 20:16	15°♐35'45	
max. Earth dist.	-1007 Dec 30 j 06:09	24°♐33'31	1.40722 AU
	-1006 Jan 02 j 10:31	0°♑	
superior conj	-1006 Jan 07 j 01:17	8°♑07'56	-1°-59'-59
minimum elong	-1006 Jan 07 j 01:58	8°♑11'03	2°00'00
evening rise	-1006 Jan 17 j 05:08	26°♑54'31	
	-1006 Jan 18 j 20:42	0°♒	
asc. node	-1006 Jan 26 j 03:22	13°♒00'50	
evening max el	-1006 Feb 02 j 10:27	22°♒51'04	18°18'49
retrograde	-1006 Feb 09 j 14:53	26°♒25'07	
evening set	-1006 Feb 12 j 02:58	26°♒00'10	
inferior conj	-1006 Feb 19 j 06:51	21°♒19'14	3°35'29
minimum elong	-1006 Feb 19 j 09:37	21°♒13'19	3°35'06
min. Earth dist.	-1006 Feb 22 j 16:38	18°♒26'23	0.59459 AU
morning rise	-1006 Feb 26 j 12:46	15°♒45'06	
direct	-1006 Mar 04 j 23:15	13°♒53'21	
desc. node	-1006 Mar 07 j 11:42	14°♒09'56	
morning max el	-1006 Mar 19 j 06:16	21°♒35'57	27°09'11
	-1006 Mar 26 j 14:43	0°♓	
	-1006 Apr 14 j 02:56	0°♈	
morning set	-1006 Apr 18 j 22:20	9°♈40'14	
asc. node	-1006 Apr 24 j 02:44	20°♈45'33	
max. Earth dist.	-1006 Apr 25 j 16:51	24°♈14'07	1.32389 AU
superior conj	-1006 Apr 26 j 01:41	25°♈02'34	0°20'34
minimum elong	-1006 Apr 26 j 00:46	24°♈57'34	0°20'23
	-1006 Apr 28 j 07:56	0°♉	
evening rise	-1006 May 03 j 00:42	10°♉06'35	
	-1006 May 13 j 07:41	0°♊	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening max el	-1006 May 31 j 12:51	24°♊54'53	26°06'28
desc. node	-1006 Jun 03 j 10:58	27°♊28'18	
	-1006 Jun 07 j 04:16	0°♋	
retrograde	-1006 Jun 14 j 14:21	2°♋09'09	
evening set	-1006 Jun 20 j 19:50	0°♋34'08	
	-1006 Jun 21 j 21:27	30°℞♊	
min. Earth dist.	-1006 Jun 25 j 01:42	27°♊55'16	0.59105 AU
inferior conj	-1006 Jun 28 j 09:51	25°♊23'53	-4°-38'-47
minimum elong	-1006 Jun 28 j 09:57	25°♊23'42	4°38'47
morning rise	-1006 Jul 06 j 03:40	20°♊54'46	
direct	-1006 Jul 08 j 15:03	20°♊33'53	
morning max el	-1006 Jul 16 j 12:07	24°♊19'36	18°29'05
asc. node	-1006 Jul 21 j 01:58	29°♊46'36	
	-1006 Jul 21 j 05:44	0°♋	
morning set	-1006 Aug 01 j 14:43	19°♋56'24	
	-1006 Aug 06 j 20:24	0°♌	
superior conj	-1006 Aug 10 j 16:18	7°♌12'25	1°43'50
minimum elong	-1006 Aug 10 j 18:21	7°♌21'56	1°43'45
max. Earth dist.	-1006 Aug 18 j 00:38	20°♌24'48	1.40084 AU
evening rise	-1006 Aug 22 j 10:24	27°♌54'56	
	-1006 Aug 23 j 16:34	0°♍	
desc. node	-1006 Aug 30 j 10:21	10°♍47'41	
	-1006 Sep 12 j 11:52	0°♎	
evening max el	-1006 Sep 26 j 05:46	16°♎51'34	23°39'15
retrograde	-1006 Oct 06 j 21:26	23°♎08'39	
evening set	-1006 Oct 11 j 22:42	21°♎03'19	
inferior conj	-1006 Oct 17 j 08:15	14°♎40'14	0°06'10
minimum elong	-1006 Oct 17 j 08:06	14°♎40'45	0°06'05
transit middle	-1006 Oct 17 j 08:06	14°♎40'45	0°06'05
transit begin	-1006 Oct 17 j 05:35	14°♎49'21	
transit end	-1006 Oct 17 j 10:37	14°♎32'10	
min. Earth dist.	-1006 Oct 16 j 21:16	15°♎17'44	0.67545 AU
asc. node	-1006 Oct 17 j 01:07	15°♎04'37	
morning rise	-1006 Oct 22 j 17:37	8°♎29'32	
direct	-1006 Oct 26 j 18:09	6°♎58'32	
morning max el	-1006 Nov 04 j 03:43	11°♎53'12	21°02'06
greatest brilliancy	-1006 Nov 09 j 17:25	18°♎22'33	-0.5m
	-1006 Nov 18 j 03:55	0°♏	
desc. node	-1006 Nov 26 j 09:37	12°♏12'25	
morning set	-1006 Dec 04 j 03:20	24°♏06'40	
	-1006 Dec 07 j 20:53	0°♐	
max. Earth dist.	-1006 Dec 12 j 09:38	7°♐17'59	1.42628 AU
superior conj	-1006 Dec 19 j 10:26	19°♐00'08	-1°-55'-36
minimum elong	-1006 Dec 19 j 06:55	18°♐45'11	1°55'29
	-1006 Dec 25 j 18:55	0°♑	
evening rise	-1006 Dec 31 j 01:52	9°♑25'07	
	-1005 Jan 12 j 03:43	0°♒	
asc. node	-1005 Jan 13 j 00:24	1°♒14'00	
evening max el	-1005 Jan 16 j 21:15	5°♒54'34	18°07'48
retrograde	-1005 Jan 23 j 12:34	9°♒20'07	
evening set	-1005 Jan 26 j 04:41	8°♒46'46	
inferior conj	-1005 Feb 01 j 19:04	3°♒44'00	3°53'05
minimum elong	-1005 Feb 01 j 19:26	3°♒43'05	3°53'04
min. Earth dist.	-1005 Feb 04 j 20:12	0°♒46'00	0.61535 AU
	-1005 Feb 05 j 16:20	30°℞♑	
morning rise	-1005 Feb 08 j 07:43	27°♑53'39	
direct	-1005 Feb 15 j 06:10	25°♑28'38	
desc. node	-1005 Feb 22 j 08:46	27°♑41'36	
	-1005 Feb 25 j 16:17	0°♒	
morning max el	-1005 Mar 01 j 08:30	3°♒17'17	27°43'05
	-1005 Mar 21 j 02:19	0°♓	
morning set	-1005 Apr 03 j 03:38	24°♓15'58	
	-1005 Apr 05 j 21:45	0°♈	
max. Earth dist.	-1005 Apr 09 j 04:11	7°♈00'16	1.32569 AU
superior conj	-1005 Apr 10 j 12:24	9°♈55'25	0°-5'00
minimum elong	-1005 Apr 10 j 12:38	9°♈56'41	0°04'58
behind sun begin	-1005 Apr 10 j 07:46	9°♈30'11	
behind sun end	-1005 Apr 10 j 17:30	10°♈23'11	
asc. node	-1005 Apr 10 j 23:45	10°♈57'16	
evening rise	-1005 Apr 17 j 12:01	25°♈02'27	
	-1005 Apr 19 j 21:15	0°♉	
	-1005 May 07 j 21:44	0°♊	
evening max el	-1005 May 13 j 05:58	5°♊54'12	24°45'26
desc. node	-1005 May 21 j 07:59	11°♊39'16	
retrograde	-1005 May 27 j 05:22	12°♊58'46	
evening set	-1005 Jun 01 j 05:16	12°♊02'11	
min. Earth dist.	-1005 Jun 06 j 17:37	9°♊09'49	0.57182 AU
inferior conj	-1005 Jun 09 j 15:28	7°♊15'27	-4°-20'-34
minimum elong	-1005 Jun 09 j 11:09	7°♊22'34	4°20'01
morning rise	-1005 Jun 17 j 20:55	3°♊07'08	
direct	-1005 Jun 20 j 10:17	2°♊48'36	
morning max el	-1005 Jun 29 j 12:40	7°♊02'52	19°17'18
asc. node	-1005 Jul 07 j 23:01	18°♊09'38	
	-1005 Jul 14 j 10:34	0°♋	
morning set	-1005 Jul 16 j 13:37	4°♋11'29	
superior conj	-1005 Jul 24 j 19:41	20°♋34'28	1°47'45
minimum elong	-1005 Jul 24 j 19:37	20°♋34'06	1°47'45
	-1005 Jul 29 j 18:30	0°♌	
max. Earth dist.	-1005 Jul 31 j 03:38	2°♌32'51	1.38092 AU
evening rise	-1005 Aug 04 j 00:06	9°♌27'40	
	-1005 Aug 16 j 12:04	0°♍	
desc. node	-1005 Aug 17 j 07:21	1°♍13'43	
	-1005 Sep 08 j 07:07	0°♎	
evening max el	-1005 Sep 08 j 17:27	0°♎25'40	24°57'21
retrograde	-1005 Sep 20 j 09:53	7°♎12'45	
evening set	-1005 Sep 26 j 02:05	4°♎49'35	
	-1005 Sep 30 j 09:28	30°℞♍	
min. Earth dist.	-1005 Sep 30 j 15:52	29°♍39'02	0.67194 AU
inferior conj	-1005 Oct 01 j 13:27	28°♍27'53	0°-48'-43
minimum elong	-1005 Oct 01 j 14:39	28°♍23'56	0°48'13
asc. node	-1005 Oct 03 j 22:10	25°♍28'06	
morning rise	-1005 Oct 07 j 03:39	22°♍24'14	
direct	-1005 Oct 10 j 16:03	21°♍12'49	
morning max el	-1005 Oct 18 j 04:21	25°♍31'27	19°52'48
	-1005 Oct 22 j 01:47	0°♎	
greatest brilliancy	-1005 Oct 25 j 19:32	4°♎59'18	-0.6m
	-1005 Nov 11 j 12:51	0°♏	
morning set	-1005 Nov 13 j 00:10	2°♏16'24	
desc. node	-1005 Nov 13 j 06:40	2°♏41'31	
max. Earth dist.	-1005 Nov 24 j 21:05	20°♏53'01	1.44064 AU
superior conj	-1005 Nov 29 j 16:37	28°♏37'07	-1°-34'-13
minimum elong	-1005 Nov 29 j 09:05	28°♏06'36	1°33'35
	-1005 Nov 30 j 13:02	0°♐	
evening rise	-1005 Dec 13 j 04:16	21°♐05'05	
	-1005 Dec 18 j 09:47	0°♑	
asc. node	-1005 Dec 30 j 21:25	18°♑38'52	
evening max el	-1005 Dec 31 j 09:47	19°♑11'05	18°15'58
retrograde	-1004 Jan 06 j 21:47	22°♑41'12	
evening set	-1004 Jan 09 j 18:02	21°♑58'36	
inferior conj	-1004 Jan 15 j 22:06	16°♑35'16	3°48'13
minimum elong	-1004 Jan 15 j 20:35	16°♑39'26	3°48'05
min. Earth dist.	-1004 Jan 18 j 09:04	13°♑53'24	0.63424 AU
morning rise	-1004 Jan 21 j 21:28	10°♑34'06	
direct	-1004 Jan 28 j 21:13	7°♑48'44	
desc. node	-1004 Feb 09 j 05:48	13°♑22'28	
morning max el	-1004 Feb 11 j 15:48	15°♑38'10	27°40'13
	-1004 Feb 23 j 11:28	0°♒	
	-1004 Mar 12 j 17:31	0°♓	
morning set	-1004 Mar 17 j 02:30	8°♓29'02	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

max. Earth dist.	-1004 Mar 22 j 10:02	19°♓25'13	1.33136 AU
superior conj	-1004 Mar 24 j 20:22	24°♓35'58	0°-31'-21
minimum elong	-1004 Mar 24 j 21:51	24°♓43'54	0°31'04
	-1004 Mar 27 j 08:31	0°♈	
asc. node	-1004 Mar 27 j 20:46	1°♈06'04	
evening rise	-1004 Mar 31 j 23:46	9°♈55'27	
	-1004 Apr 11 j 10:59	0°♉	
evening max el	-1004 Apr 23 j 20:54	16°♉31'15	23°11'19
retrograde	-1004 May 07 j 07:48	23°♉12'43	
desc. node	-1004 May 07 j 04:59	23°♉12'41	
evening set	-1004 May 10 j 21:51	22°♉44'33	
min. Earth dist.	-1004 May 18 j 06:44	19°♉25'28	0.55728 AU
inferior conj	-1004 May 20 j 01:21	18°♉23'09	-3°-19'-52
minimum elong	-1004 May 19 j 18:25	18°♉33'20	3°18'06
morning rise	-1004 May 28 j 18:11	14°♉28'01	
direct	-1004 May 31 j 10:37	14°♉10'38	
morning max el	-1004 Jun 11 j 02:56	19°♉07'26	20°26'15
	-1004 Jun 19 j 16:23	0°♊	
asc. node	-1004 Jun 23 j 20:03	7°♊08'56	
morning set	-1004 Jun 29 j 18:50	18°♊47'04	
	-1004 Jul 05 j 05:39	0°♋	
superior conj	-1004 Jul 07 j 11:36	4°♋35'25	1°43'20
minimum elong	-1004 Jul 07 j 10:02	4°♋27'28	1°43'16
max. Earth dist.	-1004 Jul 12 j 09:51	14°♋21'59	1.36255 AU
evening rise	-1004 Jul 16 j 11:36	22°♋04'18	
	-1004 Jul 20 j 21:29	0°♌	
desc. node	-1004 Aug 03 j 04:21	21°♌22'44	
	-1004 Aug 09 j 07:13	0°♍	
evening max el	-1004 Aug 21 j 04:44	14°♍00'56	26°05'48
retrograde	-1004 Sep 02 j 17:41	21°♍08'48	
evening set	-1004 Sep 09 j 00:30	18°♍31'07	
min. Earth dist.	-1004 Sep 13 j 06:07	13°♍57'45	0.66507 AU
inferior conj	-1004 Sep 14 j 15:11	12°♍14'34	-1°-44'00
minimum elong	-1004 Sep 14 j 17:46	12°♍06'30	1°42'58
asc. node	-1004 Sep 19 j 19:14	6°♍48'10	
morning rise	-1004 Sep 20 j 11:53	6°♍20'58	
direct	-1004 Sep 23 j 14:18	5°♍25'51	
morning max el	-1004 Sep 30 j 12:06	9°♍18'16	18°58'03
	-1004 Oct 15 j 07:33	0°♎	
morning set	-1004 Oct 22 j 11:09	11°♎14'14	
desc. node	-1004 Oct 30 j 03:41	23°♎19'49	
	-1004 Nov 03 j 09:36	0°♏	
max. Earth dist.	-1004 Nov 06 j 13:41	4°♏59'14	1.44856 AU
superior conj	-1004 Nov 07 j 23:31	7°♏12'33	0°-55'-21
minimum elong	-1004 Nov 07 j 16:45	6°♏45'51	0°54'33
	-1004 Nov 22 j 05:53	0°♐	
evening rise	-1004 Nov 23 j 08:14	1°♐46'52	
	-1004 Dec 11 j 15:09	0°♑	
evening max el	-1004 Dec 13 j 21:21	2°♑34'06	18°42'25
asc. node	-1004 Dec 16 j 18:28	5°♑01'17	
retrograde	-1004 Dec 20 j 14:13	6°♑19'32	
evening set	-1004 Dec 23 j 15:38	5°♑26'26	
	-1004 Dec 29 j 07:08	30°℞♐	
inferior conj	-1004 Dec 29 j 12:05	29°♐45'01	3°27'24
minimum elong	-1004 Dec 29 j 09:31	29°♐52'48	3°26'55
min. Earth dist.	-1004 Dec 31 j 07:50	27°♐32'59	0.64990 AU
morning rise	-1003 Jan 04 j 02:15	23°♐36'31	
direct	-1003 Jan 10 j 19:14	20°♐45'30	
morning max el	-1003 Jan 24 j 01:26	28°♐27'48	27°03'33
	-1003 Jan 25 j 13:11	0°♑	
desc. node	-1003 Jan 26 j 02:51	0°♑36'40	
	-1003 Feb 16 j 06:02	0°♒	
morning set	-1003 Feb 28 j 15:47	22°♒08'35	
	-1003 Mar 04 j 15:16	0°♓	

max. Earth dist.	-1003 Mar 05 j 06:23	1°♓16'32	1.34125 AU
superior conj	-1003 Mar 08 j 23:31	8°♓56'43	0°-57'-27
minimum elong	-1003 Mar 09 j 02:10	9°♓10'40	0°56'59
asc. node	-1003 Mar 14 j 17:47	21°♓07'01	
evening rise	-1003 Mar 16 j 10:04	24°♓38'10	
	-1003 Mar 19 j 00:47	0°♈	
evening max el	-1003 Apr 05 j 16:35	27°♈15'30	21°38'50
	-1003 Apr 08 j 22:55	0°♉	
retrograde	-1003 Apr 17 j 23:56	3°♉14'47	
evening set	-1003 Apr 20 j 12:51	3°♉00'14	
desc. node	-1003 Apr 24 j 02:00	1°♉55'50	
	-1003 Apr 28 j 01:14	30°℞♈	
inferior conj	-1003 Apr 29 j 21:49	28°♈58'01	-1°-38'-12
minimum elong	-1003 Apr 29 j 17:17	29°♈04'22	1°36'39
min. Earth dist.	-1003 Apr 29 j 19:51	29°♈00'47	0.55051 AU
morning rise	-1003 May 08 j 22:29	24°♈59'50	
direct	-1003 May 11 j 22:22	24°♈40'09	
	-1003 May 23 j 17:19	0°♉	
morning max el	-1003 May 24 j 06:20	0°♉29'42	21°53'30
asc. node	-1003 Jun 10 j 17:06	26°♉35'17	
	-1003 Jun 12 j 09:58	0°♊	
morning set	-1003 Jun 14 j 04:08	3°♊36'38	
superior conj	-1003 Jun 21 j 12:14	19°♊03'44	1°32'30
minimum elong	-1003 Jun 21 j 09:53	18°♊51'22	1°32'17
max. Earth dist.	-1003 Jun 25 j 00:13	26°♊17'48	1.34735 AU
	-1003 Jun 26 j 20:18	0°♋	
evening rise	-1003 Jun 29 j 15:55	5°♋31'41	
	-1003 Jul 13 j 14:43	0°♌	
desc. node	-1003 Jul 21 j 01:21	11°♌07'10	
evening max el	-1003 Aug 03 j 16:26	27°♌31'27	26°56'53
	-1003 Aug 06 j 10:37	0°♍	
retrograde	-1003 Aug 16 j 20:30	4°♍50'01	
evening set	-1003 Aug 23 j 15:43	2°♍04'46	
	-1003 Aug 25 j 21:16	30°℞♌	
min. Earth dist.	-1003 Aug 27 j 13:49	28°♌09'16	0.65459 AU
inferior conj	-1003 Aug 29 j 11:27	25°♌57'05	-2°-37'-39
minimum elong	-1003 Aug 29 j 15:14	25°♌46'05	2°36'20
morning rise	-1003 Sep 04 j 16:09	20°♌16'38	
asc. node	-1003 Sep 06 j 16:18	19°♌37'25	
direct	-1003 Sep 07 j 10:59	19°♌34'04	
morning max el	-1003 Sep 14 j 00:57	23°♌09'32	18°19'29
	-1003 Sep 19 j 12:07	0°♍	
morning set	-1003 Oct 03 j 01:37	21°♍34'29	
	-1003 Oct 08 j 05:47	0°♎	
desc. node	-1003 Oct 17 j 00:44	14°♎04'06	
superior conj	-1003 Oct 18 j 00:22	15°♎37'36	0°-6'-25
minimum elong	-1003 Oct 17 j 23:32	15°♎34'16	0°06'20
behind sun begin	-1003 Oct 17 j 13:10	14°♎53'20	
behind sun end	-1003 Oct 18 j 09:53	16°♎15'11	
max. Earth dist.	-1003 Oct 20 j 08:10	19°♎17'43	1.44920 AU
	-1003 Oct 27 j 03:54	0°♏	
evening rise	-1003 Nov 03 j 12:21	11°♏30'09	
	-1003 Nov 15 j 10:03	0°♐	
greatest brilliancy	-1003 Nov 18 j 06:18	4°♐16'16	-0.7m
evening max el	-1003 Nov 27 j 05:46	16°♐00'54	19°25'49
asc. node	-1003 Dec 03 j 15:30	20°♐06'52	
retrograde	-1003 Dec 04 j 10:32	20°♐10'24	
evening set	-1003 Dec 07 j 18:48	19°♐05'02	
inferior conj	-1003 Dec 13 j 09:53	13°♐08'28	2°55'11
minimum elong	-1003 Dec 13 j 07:00	13°♐17'49	2°54'23
min. Earth dist.	-1003 Dec 14 j 15:23	11°♐33'07	0.66186 AU
morning rise	-1003 Dec 18 j 18:24	6°♐55'15	
direct	-1003 Dec 24 j 23:34	4°♐11'31	
morning max el	-1002 Jan 06 j 10:52	11°♐33'59	26°00'14

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-1002 Jan 12 j 23:56	18°♐57'34		
	-1002 Jan 21 j 05:50	0°♑		
	-1002 Feb 08 j 20:57	0°♒		
morning set	-1002 Feb 11 j 15:21	5°♒02'15		
max. Earth dist.	-1002 Feb 15 j 14:40	12°♒32'53	1.35570 AU	
superior conj	-1002 Feb 20 j 19:26	22°♒50'47	-1°-21'-49	
minimum elong	-1002 Feb 20 j 22:56	23°♒08'33	1°21'20	
	-1002 Feb 24 j 07:19	0°♓		
evening rise	-1002 Feb 28 j 17:02	9°♓04'36		
asc. node	-1002 Mar 01 j 14:50	10°♓55'40		
	-1002 Mar 12 j 02:21	0°♈		
evening max el	-1002 Mar 18 j 22:22	8°♈30'27	20°18'45	
retrograde	-1002 Mar 29 j 13:57	13°♈36'25		
evening set	-1002 Mar 31 j 17:51	13°♈24'42		
inferior conj	-1002 Apr 09 j 17:58	9°♈26'42	0°20'36	
minimum elong	-1002 Apr 09 j 18:54	9°♈25'19	0°20'17	
desc. node	-1002 Apr 10 j 23:03	8°♈43'44		
min. Earth dist.	-1002 Apr 11 j 09:51	8°♈27'54	0.55326 AU	
morning rise	-1002 Apr 18 j 17:35	5°♈06'44		
direct	-1002 Apr 22 j 11:17	4°♈36'15		
morning max el	-1002 May 06 j 00:49	11°♈15'55	23°32'21	
	-1002 May 20 j 00:16	0°♉		
asc. node	-1002 May 28 j 14:09	16°♉21'17		
morning set	-1002 May 29 j 15:38	18°♉34'06		
	-1002 Jun 03 j 23:56	0°♊		
superior conj	-1002 Jun 05 j 18:40	3°♊49'55	1°16'44	
minimum elong	-1002 Jun 05 j 16:08	3°♊36'19	1°16'23	
max. Earth dist.	-1002 Jun 08 j 00:18	8°♊35'57	1.33601 AU	
evening rise	-1002 Jun 13 j 08:28	19°♊36'23		
	-1002 Jun 18 j 18:08	0°♋		
desc. node	-1002 Jul 07 j 22:22	0°♌16'11		
	-1002 Jul 07 j 17:25	0°♌		
evening max el	-1002 Jul 17 j 03:37	10°♌46'24	27°23'13	
retrograde	-1002 Jul 30 j 17:34	18°♌07'15		
evening set	-1002 Aug 06 j 20:43	15°♌24'57		
min. Earth dist.	-1002 Aug 10 j 12:53	12°♌04'48	0.64047 AU	
inferior conj	-1002 Aug 12 j 23:47	9°♌29'43	-3°-27'-1	
minimum elong	-1002 Aug 13 j 04:17	9°♌17'52	3°25'48	
morning rise	-1002 Aug 19 j 13:46	4°♌05'35		
direct	-1002 Aug 22 j 03:33	3°♌32'09		
asc. node	-1002 Aug 24 j 13:22	4°♌01'40		
morning max el	-1002 Aug 28 j 16:16	6°♌58'46	17°58'04	
	-1002 Sep 12 j 22:11	0°♍		
morning set	-1002 Sep 14 j 19:04	3°♍12'27		
superior conj	-1002 Sep 27 j 16:40	24°♍50'50	0°40'03	
minimum elong	-1002 Sep 27 j 20:51	25°♍07'56	0°39'30	
	-1002 Sep 30 j 21:03	0°♎		
max. Earth dist.	-1002 Oct 03 j 01:30	3°♎29'51	1.44263 AU	
desc. node	-1002 Oct 03 j 21:46	4°♎50'27		
evening rise	-1002 Oct 13 j 22:18	20°♎30'15		
	-1002 Oct 20 j 03:13	0°♏		
greatest brilliancy	-1002 Nov 04 j 01:50	21°♏49'59	-0.5m	
evening max el	-1002 Nov 10 j 09:18	29°♏28'45	20°24'16	
	-1002 Nov 10 j 21:41	0°♐		
retrograde	-1002 Nov 18 j 08:03	4°♐09'40		
asc. node	-1002 Nov 20 j 12:34	3°♐42'15		
evening set	-1002 Nov 22 j 01:16	2°♐49'44		
	-1002 Nov 24 j 23:16	30°℞♏		
inferior conj	-1002 Nov 27 j 12:49	26°♏41'12	2°14'39	
minimum elong	-1002 Nov 27 j 10:12	26°♏50'02	2°13'44	
min. Earth dist.	-1002 Nov 28 j 05:34	25°♏44'36	0.67005 AU	
morning rise	-1002 Dec 02 j 18:37	20°♏25'42		
direct	-1002 Dec 08 j 09:13	17°♏58'26		
morning max el	-1002 Dec 19 j 19:14	24°♏46'44	24°39'58	
	-1002 Dec 24 j 12:35	0°♐		
desc. node	-1002 Dec 30 j 21:01	8°♐05'26		
	-1001 Jan 14 j 17:28	0°♑		
morning set	-1001 Jan 24 j 19:42	16°♑54'37		
max. Earth dist.	-1001 Jan 28 j 12:53	23°♑34'38	1.37427 AU	
	-1001 Jan 31 j 23:49	0°♒		
superior conj	-1001 Feb 04 j 04:59	6°♒09'43	-1°-42'-24	
minimum elong	-1001 Feb 04 j 08:34	6°♒27'08	1°42'04	
evening rise	-1001 Feb 12 j 18:25	23°♒08'40		
asc. node	-1001 Feb 16 j 11:53	0°♓27'03		
	-1001 Feb 16 j 06:15	0°♓		
evening max el	-1001 Mar 01 j 15:15	20°♓23'26	19°16'31	
retrograde	-1001 Mar 10 j 14:46	24°♓41'44		
evening set	-1001 Mar 12 j 20:17	24°♓26'59		
inferior conj	-1001 Mar 21 j 03:19	20°♓17'37	2°03'28	
minimum elong	-1001 Mar 21 j 07:36	20°♓10'26	2°02'11	
min. Earth dist.	-1001 Mar 24 j 00:56	18°♓21'58	0.56491 AU	
desc. node	-1001 Mar 28 j 20:06	15°♓44'41		
morning rise	-1001 Mar 29 j 15:00	15°♓26'13		
direct	-1001 Apr 03 j 11:21	14°♓32'03		
morning max el	-1001 Apr 17 j 15:29	21°♓46'45	25°10'57	
	-1001 Apr 24 j 19:53	0°♈		
	-1001 May 12 j 10:32	0°♉		
morning set	-1001 May 14 j 03:42	3°♉34'07		
asc. node	-1001 May 15 j 11:12	6°♉21'03		
superior conj	-1001 May 21 j 04:39	18°♉46'36	0°57'07	
minimum elong	-1001 May 21 j 02:27	18°♉34'37	0°56'45	
max. Earth dist.	-1001 May 22 j 08:17	21°♉16'54	1.32848 AU	
	-1001 May 26 j 10:01	0°♊		
evening rise	-1001 May 28 j 09:37	4°♊07'10		
	-1001 Jun 11 j 11:40	0°♋		
desc. node	-1001 Jun 24 j 19:23	18°♋34'56		
evening max el	-1001 Jun 29 j 12:10	23°♋33'11	27°19'03	
	-1001 Jul 08 j 21:20	0°♌		
retrograde	-1001 Jul 13 j 08:04	0°♌51'53		
	-1001 Jul 17 j 14:24	30°℞♋		
evening set	-1001 Jul 20 j 11:48	28°♋25'40		
min. Earth dist.	-1001 Jul 24 j 01:50	25°♋33'23	0.62299 AU	
inferior conj	-1001 Jul 27 j 01:15	22°♋46'02	-4°-8'00	
minimum elong	-1001 Jul 27 j 05:25	22°♋36'15	4°07'14	
morning rise	-1001 Aug 03 j 01:32	17°♋41'31		
direct	-1001 Aug 05 j 12:50	17°♋14'21		
asc. node	-1001 Aug 11 j 10:27	19°♋52'04		
morning max el	-1001 Aug 12 j 07:16	20°♋40'16	17°54'49	
	-1001 Aug 19 j 07:10	0°♌		
morning set	-1001 Aug 28 j 09:58	15°♌52'09		
	-1001 Sep 05 j 08:45	0°♍		
superior conj	-1001 Sep 08 j 11:44	5°♍23'36	1°15'12	
minimum elong	-1001 Sep 08 j 16:50	5°♍45'23	1°14'40	
max. Earth dist.	-1001 Sep 15 j 15:18	17°♍19'44	1.42974 AU	
desc. node	-1001 Sep 20 j 18:47	25°♍35'50		
evening rise	-1001 Sep 23 j 05:48	29°♍27'58		
	-1001 Sep 23 j 14:01	0°♎		
	-1001 Oct 13 j 20:16	0°♏		
greatest brilliancy	-1001 Oct 19 j 08:06	7°♏15'34	-0.4m	
evening max el	-1001 Oct 24 j 07:00	12°♏56'43	21°34'43	
retrograde	-1001 Nov 02 j 04:49	18°♏14'21		
evening set	-1001 Nov 06 j 09:06	16°♏37'40		
asc. node	-1001 Nov 07 j 09:39	15°♏44'09		
inferior conj	-1001 Nov 11 j 18:43	10°♏20'30	1°27'59	
minimum elong	-1001 Nov 11 j 16:49	10°♏27'04	1°27'13	
min. Earth dist.	-1001 Nov 12 j 00:05	10°♏02'00	0.67469 AU	
morning rise	-1001 Nov 17 j 00:16	4°♏05'00		
direct	-1001 Nov 21 j 23:26	1°♏59'12		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning max el	-1001 Dec 02 j 04:28	8°♏03'38	23°12'44
greatest brilliancy	-1001 Dec 07 j 06:05	13°♏44'55	-0.3m
desc. node	-1001 Dec 17 j 18:04	27°♏46'33	
	-1001 Dec 19 j 07:11	0°♐	
morning set	-1000 Jan 05 j 22:31	27°♐28'58	
	-1000 Jan 07 j 10:27	0°♑	
max. Earth dist.	-1000 Jan 10 j 08:19	4°♑59'16	1.39522 AU
superior conj	-1000 Jan 17 j 23:55	18°♑41'50	-1°-56'-22
minimum elong	-1000 Jan 18 j 02:12	18°♑52'27	1°56'18
	-1000 Jan 23 j 23:41	0°♒	
evening rise	-1000 Jan 27 j 11:28	6°♒42'50	
asc. node	-1000 Feb 03 j 08:56	19°♒34'31	
	-1000 Feb 10 j 04:07	0°♓	
evening max el	-1000 Feb 12 j 17:17	2°♓49'42	18°34'01
retrograde	-1000 Feb 20 j 10:05	6°♓35'27	
evening set	-1000 Feb 22 j 19:50	6°♓14'39	
inferior conj	-1000 Mar 01 j 08:52	1°♓45'41	3°12'04
minimum elong	-1000 Mar 01 j 12:49	1°♓37'57	3°11'16
	-1000 Mar 03 j 14:50	30°℞♒	
min. Earth dist.	-1000 Mar 04 j 18:32	29°♒07'33	0.58283 AU
morning rise	-1000 Mar 09 j 01:57	26°♒24'47	
desc. node	-1000 Mar 14 j 17:11	24°♒55'46	
direct	-1000 Mar 15 j 00:32	24°♒55'32	
	-1000 Mar 26 j 13:32	0°♓	
morning max el	-1000 Mar 29 j 08:27	2°♓30'23	26°34'05
	-1000 Apr 18 j 01:55	0°♈	
morning set	-1000 Apr 27 j 14:35	18°♈29'39	
asc. node	-1000 May 01 j 08:15	26°♈28'42	
	-1000 May 02 j 23:00	0°♉	
superior conj	-1000 May 04 j 16:14	3°♉46'06	0°34'35
minimum elong	-1000 May 04 j 14:46	3°♉38'02	0°34'17
max. Earth dist.	-1000 May 04 j 20:35	4°♉09'58	1.32456 AU
evening rise	-1000 May 11 j 16:26	18°♉53'17	
	-1000 May 17 j 05:24	0°♊	
	-1000 Jun 05 j 09:33	0°♋	
evening max el	-1000 Jun 10 j 15:11	5°♋38'35	26°41'51
desc. node	-1000 Jun 10 j 16:24	5°♋41'28	
retrograde	-1000 Jun 24 j 14:54	12°♋54'40	
evening set	-1000 Jul 01 j 08:28	10°♋57'47	
min. Earth dist.	-1000 Jul 05 j 04:34	8°♋19'31	0.60297 AU
inferior conj	-1000 Jul 08 j 12:17	5°♋36'20	-4°-34'-9
minimum elong	-1000 Jul 08 j 14:26	5°♋31'55	4°33'59
morning rise	-1000 Jul 15 j 23:35	0°♋54'14	
direct	-1000 Jul 18 j 10:34	0°♋31'23	
morning max el	-1000 Jul 25 j 19:01	4°♋06'11	18°10'52
asc. node	-1000 Jul 28 j 07:30	6°♋53'03	
morning set	-1000 Aug 10 j 16:39	29°♋17'35	
	-1000 Aug 11 j 01:40	0°♌	
superior conj	-1000 Aug 20 j 08:59	17°♌14'25	1°36'55
minimum elong	-1000 Aug 20 j 12:22	17°♌29'40	1°36'41
	-1000 Aug 27 j 16:07	0°♍	
max. Earth dist.	-1000 Aug 27 j 23:39	0°♍31'54	1.41213 AU
evening rise	-1000 Sep 02 j 04:35	9°♍09'24	
desc. node	-1000 Sep 06 j 15:47	16°♍17'01	
	-1000 Sep 15 j 16:28	0°♎	
greatest brilliancy	-1000 Sep 30 j 21:10	20°♎43'43	-0.3m
evening max el	-1000 Oct 05 j 23:09	26°♎25'29	22°52'55
	-1000 Oct 10 j 00:56	0°♏	
retrograde	-1000 Oct 15 j 23:19	2°♏21'52	
evening set	-1000 Oct 20 j 16:33	0°♏26'54	
	-1000 Oct 21 j 04:55	30°℞♎	
asc. node	-1000 Oct 24 j 06:42	26°♎30'40	
inferior conj	-1000 Oct 26 j 01:43	24°♎04'45	0°36'56
minimum elong	-1000 Oct 26 j 00:51	24°♎07'42	0°36'34
min. Earth dist.	-1000 Oct 25 j 20:32	24°♎22'35	0.67606 AU
morning rise	-1000 Oct 31 j 09:08	17°♎51'39	
direct	-1000 Nov 04 j 17:27	16°♎08'28	
morning max el	-1000 Nov 13 j 17:57	21°♎27'27	21°47'31
greatest brilliancy	-1000 Nov 18 j 14:53	26°♎59'31	-0.4m
	-1000 Nov 20 j 23:36	0°♏	
desc. node	-1000 Dec 03 j 15:06	17°♏51'26	
	-1000 Dec 11 j 14:39	0°♐	
morning set	-1000 Dec 15 j 20:13	6°♐39'52	
max. Earth dist.	-1000 Dec 22 j 07:59	17°♐13'27	1.41576 AU
superior conj	-1000 Dec 29 j 22:58	0°♑14'06	-1°-59'-58
minimum elong	-1000 Dec 29 j 22:03	0°♑10'05	2°00'00
	-1000 Dec 29 j 19:45	0°♑	
evening rise	-999 Jan 09 j 16:48	19°♑39'28	
	-999 Jan 15 j 09:05	0°♒	
asc. node	-999 Jan 20 j 05:59	8°♒10'23	
evening max el	-999 Jan 26 j 01:43	15°♒41'53	18°11'39
retrograde	-999 Feb 01 j 23:25	19°♒10'58	
evening set	-999 Feb 04 j 13:09	18°♒42'38	
inferior conj	-999 Feb 11 j 10:51	13°♒52'06	3°46'11
minimum elong	-999 Feb 11 j 12:35	13°♒48'09	3°46'02
min. Earth dist.	-999 Feb 14 j 17:51	10°♒54'09	0.60347 AU
morning rise	-999 Feb 18 j 08:57	8°♒09'53	
direct	-999 Feb 25 j 01:40	6°♒03'04	
desc. node	-999 Mar 01 j 14:14	6°♒56'53	
morning max el	-999 Mar 11 j 07:25	13°♒49'06	27°28'09
	-999 Mar 24 j 06:36	0°♓	
	-999 Apr 10 j 08:28	0°♈	
morning set	-999 Apr 11 j 22:30	3°♈14'36	
asc. node	-999 Apr 18 j 05:17	16°♈40'01	
max. Earth dist.	-999 Apr 18 j 09:20	17°♈02'09	1.32422 AU
superior conj	-999 Apr 19 j 03:44	18°♈42'51	0°09'54
minimum elong	-999 Apr 19 j 03:17	18°♈40'23	0°09'47
behind sun begin	-999 Apr 18 j 23:18	18°♈18'36	
behind sun end	-999 Apr 19 j 07:16	19°♈02'11	
	-999 Apr 24 j 07:59	0°♉	
evening rise	-999 Apr 26 j 02:39	3°♉47'11	
	-999 May 10 j 04:47	0°♊	
evening max el	-999 May 23 j 11:16	16°♊58'33	25°34'22
desc. node	-999 May 28 j 13:25	21°♊06'28	
retrograde	-999 Jun 06 j 12:36	24°♊10'22	
evening set	-999 Jun 12 j 06:54	22°♊51'48	
min. Earth dist.	-999 Jun 16 j 23:23	20°♊09'15	0.58250 AU
inferior conj	-999 Jun 20 j 05:18	17°♊50'59	-4°-35'-40
minimum elong	-999 Jun 20 j 03:34	17°♊54'06	4°35'34
morning rise	-999 Jun 28 j 04:06	13°♊31'40	
direct	-999 Jun 30 j 16:13	13°♊11'56	
morning max el	-999 Jul 09 j 00:31	17°♊07'46	18°47'09
asc. node	-999 Jul 15 j 04:32	24°♊49'39	
	-999 Jul 18 j 08:23	0°♋	
morning set	-999 Jul 25 j 10:34	13°♋16'41	
superior conj	-999 Aug 03 j 02:59	0°♌07'39	1°46'40
minimum elong	-999 Aug 03 j 04:04	0°♌12'49	1°46'38
	-999 Aug 03 j 01:22	0°♌	
max. Earth dist.	-999 Aug 10 j 02:53	12°♌58'28	1.39223 AU
evening rise	-999 Aug 14 j 03:51	20°♌00'12	
	-999 Aug 20 j 04:45	0°♍	
desc. node	-999 Aug 24 j 12:46	6°♍49'45	
	-999 Sep 09 j 20:30	0°♎	
evening max el	-999 Sep 18 j 11:35	9°♎56'39	24°13'08
retrograde	-999 Sep 29 j 14:22	16°♎28'17	
evening set	-999 Oct 04 j 21:55	14°♎14'57	
min. Earth dist.	-999 Oct 09 j 16:33	8°♎44'00	0.67430 AU
inferior conj	-999 Oct 10 j 08:03	7°♎51'43	0°-17'00

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-999 Oct 10 j 08:27	7°♎50'20	0°16'49	
asc. node	-999 Oct 11 j 03:45	6°♎45'38		
morning rise	-999 Oct 15 j 19:16	1°♎43'40		
direct	-999 Oct 19 j 14:16	0°♎21'35		
morning max el	-999 Oct 27 j 14:13	5°♎00'10	20°30'59	
greatest brilliancy	-999 Nov 02 j 21:33	12°♎31'15	-0.5m	
	-999 Nov 15 j 01:59	0°♏		
desc. node	-999 Nov 20 j 12:06	8°♏12'54		
morning set	-999 Nov 24 j 20:00	14°♏53'01		
	-999 Dec 04 j 09:46	0°♐		
max. Earth dist.	-999 Dec 04 j 14:38	0°♐19'34	1.43306 AU	
superior conj	-999 Dec 10 j 20:47	10°♐33'53	-1°-48'-47	
minimum elong	-999 Dec 10 j 15:18	10°♐11'04	1°48'27	
	-999 Dec 22 j 05:20	0°♑		
evening rise	-999 Dec 23 j 06:16	1°♑49'18		
asc. node	-998 Jan 07 j 03:01	26°♑04'22		
evening max el	-998 Jan 09 j 13:33	28°♑51'17	18°08'58	
	-998 Jan 10 j 19:24	0°♒		
retrograde	-998 Jan 16 j 02:33	2°♒17'34		
evening set	-998 Jan 18 j 20:13	1°♒40'34		
	-998 Jan 21 j 12:17	30°℞♑		
inferior conj	-998 Jan 25 j 05:53	26°♑29'00	3°53'18	
minimum elong	-998 Jan 25 j 05:21	26°♑30'21	3°53'17	
min. Earth dist.	-998 Jan 28 j 01:27	23°♑35'18	0.62371 AU	
morning rise	-998 Jan 31 j 12:20	20°♑33'15		
direct	-998 Feb 07 j 12:27	17°♑57'29		
desc. node	-998 Feb 16 j 11:16	21°♑27'32		
morning max el	-998 Feb 21 j 12:11	25°♑48'10	27°46'13	
	-998 Feb 25 j 09:58	0°♒		
	-998 Mar 17 j 17:46	0°♓		
morning set	-998 Mar 27 j 01:23	17°♓41'41		
	-998 Apr 01 j 22:24	0°♈		
max. Earth dist.	-998 Apr 01 j 18:39	29°♓39'52	1.32756 AU	
superior conj	-998 Apr 03 j 13:30	3°♈31'04	0°-16'-8	
minimum elong	-998 Apr 03 j 14:16	3°♈35'10	0°16'00	
asc. node	-998 Apr 05 j 02:19	6°♈50'57		
evening rise	-998 Apr 10 j 14:20	18°♈42'12		
	-998 Apr 16 j 04:09	0°♉		
evening max el	-998 May 05 j 02:40	27°♉45'00	24°06'08	
	-998 May 07 j 15:43	0°♊		
desc. node	-998 May 15 j 10:26	4°♊14'17		
retrograde	-998 May 18 j 22:55	4°♊42'36		
evening set	-998 May 23 j 07:53	4°♊00'04		
min. Earth dist.	-998 May 29 j 14:01	0°♊57'28	0.56476 AU	
	-998 May 31 j 03:09	30°℞♉		
inferior conj	-998 Jun 01 j 02:16	29°♉23'47	-4°00'-23	
minimum elong	-998 May 31 j 20:23	29°♉33'00	3°59'18	
morning rise	-998 Jun 09 j 12:42	25°♉22'28		
direct	-998 Jun 12 j 02:54	25°♉04'47		
morning max el	-998 Jun 21 j 21:01	29°♉36'01	19°44'15	
	-998 Jun 22 j 07:08	0°♊		
asc. node	-998 Jul 02 j 01:34	13°♊29'23		
morning set	-998 Jul 09 j 12:28	27°♊41'18		
	-998 Jul 10 j 15:58	0°♋		
superior conj	-998 Jul 17 j 12:16	13°♋48'03	1°46'46	
minimum elong	-998 Jul 17 j 11:28	13°♋44'07	1°46'46	
max. Earth dist.	-998 Jul 23 j 06:06	24°♋53'40	1.37271 AU	
	-998 Jul 26 j 00:26	0°♌		
evening rise	-998 Jul 27 j 03:28	2°♌02'08		
desc. node	-998 Aug 11 j 09:47	27°♌09'28		
	-998 Aug 13 j 07:40	0°♍		
evening max el	-998 Aug 31 j 22:57	23°♍32'03	25°28'11	
	-998 Sep 10 j 04:11	0°♎		
retrograde	-998 Sep 13 j 01:05	0°♎29'50		
	-998 Sep 15 j 17:54	30°℞♍		
evening set	-998 Sep 18 j 23:28	28°♍00'04		
min. Earth dist.	-998 Sep 23 j 09:44	23°♍04'52	0.66938 AU	
inferior conj	-998 Sep 24 j 12:01	21°♍39'53	-1°-12'-13	
minimum elong	-998 Sep 24 j 13:49	21°♍34'05	1°11'29	
asc. node	-998 Sep 28 j 00:46	17°♍27'59		
morning rise	-998 Sep 30 j 04:47	15°♍39'51		
direct	-998 Oct 03 j 12:36	14°♍35'49		
morning max el	-998 Oct 10 j 18:01	18°♍42'32	19°27'33	
	-998 Oct 19 j 13:38	0°♎		
greatest brilliancy	-998 Oct 19 j 21:47	0°♎29'33	-0.7m	
morning set	-998 Nov 03 j 20:10	23°♎15'49		
desc. node	-998 Nov 07 j 09:08	28°♎46'24		
	-998 Nov 08 j 04:00	0°♏		
max. Earth dist.	-998 Nov 17 j 04:10	14°♏08'32	1.44490 AU	
superior conj	-998 Nov 20 j 15:58	19°♏41'36	-1°-19'-39	
minimum elong	-998 Nov 20 j 07:58	19°♏09'38	1°18'50	
	-998 Nov 27 j 01:20	0°♐		
evening rise	-998 Dec 04 j 23:32	13°♐04'57		
	-998 Dec 15 j 04:55	0°♑		
evening max el	-998 Dec 24 j 02:02	12°♑11'30	18°25'05	
asc. node	-998 Dec 25 j 00:03	13°♑04'33		
retrograde	-998 Dec 30 j 15:08	15°♑46'38		
evening set	-997 Jan 02 j 13:26	14°♑59'48		
inferior conj	-997 Jan 08 j 14:00	9°♑28'44	3°41'00	
minimum elong	-997 Jan 08 j 11:56	9°♑34'40	3°40'42	
min. Earth dist.	-997 Jan 10 j 18:35	6°♑58'06	0.64143 AU	
morning rise	-997 Jan 14 j 09:00	3°♑24'13		
direct	-997 Jan 21 j 06:52	0°♑34'21		
desc. node	-997 Feb 03 j 08:19	7°♑51'43		
morning max el	-997 Feb 03 j 20:38	8°♑22'02	27°28'13	
	-997 Feb 20 j 16:25	0°♒		
	-997 Mar 09 j 23:50	0°♓		
morning set	-997 Mar 10 j 20:36	1°♓41'41		
max. Earth dist.	-997 Mar 15 j 20:39	11°♓50'14	1.33500 AU	
superior conj	-997 Mar 18 j 19:42	18°♓04'13	0°-42'-33	
minimum elong	-997 Mar 18 j 21:43	18°♓14'51	0°42'09	
asc. node	-997 Mar 22 j 23:22	26°♓57'02		
	-997 Mar 24 j 09:40	0°♈		
evening rise	-997 Mar 26 j 01:42	3°♈31'31		
	-997 Apr 09 j 18:17	0°♉		
evening max el	-997 Apr 16 j 19:01	8°♉22'23	22°31'07	
retrograde	-997 Apr 29 j 20:09	14°♉47'27		
desc. node	-997 May 02 j 07:29	14°♉33'58		
evening set	-997 May 02 j 21:34	14°♉26'56		
min. Earth dist.	-997 May 11 j 03:09	10°♉52'44	0.55328 AU	
inferior conj	-997 May 12 j 05:18	10°♉15'33	-2°-40'-52	
minimum elong	-997 May 11 j 22:44	10°♉24'55	2°38'55	
morning rise	-997 May 21 j 02:07	6°♉21'05		
direct	-997 May 23 j 20:55	6°♉03'15		
morning max el	-997 Jun 04 j 06:32	11°♉22'20	21°01'23	
	-997 Jun 17 j 12:05	0°♊		
asc. node	-997 Jun 18 j 22:37	2°♊41'12		
morning set	-997 Jun 23 j 19:42	12°♊23'33		
superior conj	-997 Jul 01 j 08:18	28°♊01'36	1°39'26	
minimum elong	-997 Jul 01 j 06:18	27°♊51'22	1°39'18	
	-997 Jul 02 j 07:23	0°♋		
max. Earth dist.	-997 Jul 05 j 15:31	6°♋43'26	1.35565 AU	
evening rise	-997 Jul 09 j 22:47	15°♋02'16		
	-997 Jul 18 j 08:04	0°♌		
desc. node	-997 Jul 29 j 06:49	17°♌09'01		
	-997 Aug 07 j 22:28	0°♍		
evening max el	-997 Aug 14 j 10:40	7°♍06'59	26°30'12	
retrograde	-997 Aug 27 j 06:43	14°♍20'00		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening set	-997 Sep 02 j 19:07	11°♍38'24	
min. Earth dist.	-997 Sep 06 j 21:34	7°♍20'56	0.66105 AU
inferior conj	-997 Sep 08 j 11:43	5°♍25'17	-2°-7'-3
minimum elong	-997 Sep 08 j 14:51	5°♍15'46	2°05'53
	-997 Sep 13 j 20:19	30°℞♌	
morning rise	-997 Sep 14 j 11:37	29°♌36'37	
asc. node	-997 Sep 14 j 21:49	29°♌23'28	
direct	-997 Sep 17 j 10:35	28°♌47'07	
	-997 Sep 21 j 03:31	0°♍	
morning max el	-997 Sep 24 j 04:08	2°♍31'11	18°39'35
	-997 Oct 13 j 00:19	0°♎	
morning set	-997 Oct 14 j 18:15	2°♎47'35	
desc. node	-997 Oct 25 j 06:11	19°♎27'37	
superior conj	-997 Oct 30 j 17:35	28°♎04'59	0°-35'-6
minimum elong	-997 Oct 30 j 13:00	27°♎46'55	0°34'32
max. Earth dist.	-997 Oct 30 j 22:11	28°♎23'04	1.44978 AU
	-997 Oct 31 j 22:50	0°♏	
evening rise	-997 Nov 15 j 17:15	23°♏21'29	
	-997 Nov 19 j 21:06	0°♐	
evening max el	-997 Dec 07 j 12:37	25°♐37'21	18°58'56
asc. node	-997 Dec 11 j 21:05	28°♐56'41	
retrograde	-997 Dec 14 j 09:33	29°♐31'35	
evening set	-997 Dec 17 j 13:46	28°♐33'22	
inferior conj	-997 Dec 23 j 07:41	22°♐45'09	3°14'55
minimum elong	-997 Dec 23 j 04:53	22°♐53'51	3°14'16
min. Earth dist.	-997 Dec 24 j 21:09	20°♐48'27	0.65551 AU
morning rise	-997 Dec 28 j 19:05	16°♐34'40	
direct	-996 Jan 04 j 07:38	13°♐45'27	
morning max el	-996 Jan 17 j 06:17	21°♐20'07	26°39'21
desc. node	-996 Jan 21 j 05:24	25°♐37'28	
	-996 Jan 24 j 19:58	0°♑	
	-996 Feb 13 j 20:17	0°♒	
morning set	-996 Feb 22 j 04:41	15°♒03'57	
max. Earth dist.	-996 Feb 26 j 12:10	23°♒27'06	1.34690 AU
	-996 Feb 29 j 17:53	0°♓	
superior conj	-996 Mar 01 j 20:12	2°♓15'27	-1°-8'-6
minimum elong	-996 Mar 01 j 23:17	2°♓31'23	1°07'35
asc. node	-996 Mar 08 j 20:26	16°♓54'01	
evening rise	-996 Mar 09 j 10:54	18°♓09'03	
	-996 Mar 15 j 10:15	0°♈	
evening max el	-996 Mar 28 j 18:41	19°♈18'23	21°02'47
retrograde	-996 Apr 09 j 09:32	24°♈55'01	
evening set	-996 Apr 11 j 17:06	24°♈42'28	
desc. node	-996 Apr 18 j 04:30	22°♈16'58	
inferior conj	-996 Apr 20 j 23:50	20°♈44'13	0°-47'-52
minimum elong	-996 Apr 20 j 21:34	20°♈47'25	0°47'03
min. Earth dist.	-996 Apr 21 j 16:20	20°♈20'52	0.55057 AU
morning rise	-996 Apr 30 j 01:28	16°♈39'11	
direct	-996 May 03 j 07:46	16°♈16'09	
morning max el	-996 May 16 j 05:37	22°♈27'28	22°34'40
	-996 May 22 j 19:20	0°♉	
asc. node	-996 Jun 04 j 19:42	22°♉17'04	
morning set	-996 Jun 07 j 06:11	27°♉17'30	
	-996 Jun 08 j 13:09	0°♊	
superior conj	-996 Jun 14 j 11:43	12°♊38'29	1°26'20
minimum elong	-996 Jun 14 j 09:13	12°♊25'14	1°26'04
max. Earth dist.	-996 Jun 17 j 10:24	18°♊49'13	1.34211 AU
evening rise	-996 Jun 22 j 08:49	28°♊46'59	
	-996 Jun 22 j 23:47	0°♋	
	-996 Jul 10 j 11:46	0°♌	
desc. node	-996 Jul 15 j 03:49	6°♌39'45	
evening max el	-996 Jul 26 j 22:26	20°♌32'23	27°11'27
retrograde	-996 Aug 09 j 06:53	27°♌51'52	
evening set	-996 Aug 16 j 06:20	25°♌06'24	
min. Earth dist.	-996 Aug 20 j 01:42	21°♌26'39	0.64908 AU
inferior conj	-996 Aug 22 j 04:56	19°♌03'55	-2°-59'-19
minimum elong	-996 Aug 22 j 09:06	18°♌52'16	2°58'00
morning rise	-996 Aug 28 j 13:26	13°♌30'04	
direct	-996 Aug 31 j 05:55	12°♌51'39	
asc. node	-996 Aug 31 j 18:54	12°♌53'12	
morning max el	-996 Sep 06 j 18:21	16°♌21'57	18°08'15
	-996 Sep 16 j 14:05	0°♍	
morning set	-996 Sep 24 j 20:42	13°♍42'29	
	-996 Oct 04 j 18:13	0°♎	
superior conj	-996 Oct 08 j 22:36	6°♎43'30	0°14'19
minimum elong	-996 Oct 09 j 00:21	6°♎50'29	0°14'04
behind sun begin	-996 Oct 08 j 18:54	6°♎28'43	
behind sun end	-996 Oct 09 j 05:48	7°♎12'13	
desc. node	-996 Oct 11 j 03:13	10°♎12'55	
max. Earth dist.	-996 Oct 12 j 17:05	12°♎42'52	1.44725 AU
	-996 Oct 23 j 18:16	0°♏	
evening rise	-996 Oct 25 j 12:21	2°♏43'10	
greatest brilliancy	-996 Nov 12 j 04:33	29°♏28'25	-0.6m
	-996 Nov 12 j 13:30	0°♐	
evening max el	-996 Nov 19 j 19:08	9°♐04'42	19°48'59
retrograde	-996 Nov 27 j 06:44	13°♐26'46	
asc. node	-996 Nov 27 j 18:08	13°♐25'29	
evening set	-996 Nov 30 j 18:37	12°♐15'17	
inferior conj	-996 Dec 06 j 07:57	6°♐13'00	2°38'52
minimum elong	-996 Dec 06 j 05:07	6°♐22'22	2°37'59
min. Earth dist.	-996 Dec 07 j 07:44	4°♐54'25	0.66574 AU
morning rise	-996 Dec 11 j 14:59	29°♏58'37	
	-996 Dec 11 j 14:22	30°℞♏	
direct	-996 Dec 17 j 14:03	27°♏21'22	
	-996 Dec 24 j 10:25	0°♐	
morning max el	-996 Dec 29 j 15:23	4°♐30'36	25°27'44
desc. node	-995 Jan 07 j 02:28	14°♐20'19	
	-995 Jan 18 j 05:51	0°♑	
morning set	-995 Feb 03 j 20:51	27°♑33'48	
	-995 Feb 05 j 04:52	0°♒	
max. Earth dist.	-995 Feb 07 j 16:07	4°♒35'59	1.36321 AU
superior conj	-995 Feb 13 j 12:08	15°♒55'50	-1°-31'-9
minimum elong	-995 Feb 13 j 15:48	16°♒14'07	1°30'42
	-995 Feb 20 j 10:48	0°♓	
evening rise	-995 Feb 21 j 15:49	2°♓27'14	
asc. node	-995 Feb 23 j 17:28	6°♓36'18	
	-995 Mar 10 j 09:30	0°♈	
evening max el	-995 Mar 11 j 05:08	0°♈48'57	19°49'48
retrograde	-995 Mar 21 j 03:08	5°♈33'44	
evening set	-995 Mar 23 j 06:55	5°♈21'14	
inferior conj	-995 Apr 01 j 00:13	1°♈19'26	1°07'46
minimum elong	-995 Apr 01 j 03:02	1°♈15'03	1°06'48
	-995 Apr 03 j 03:39	30°℞♓	
min. Earth dist.	-995 Apr 03 j 06:32	29°♓55'38	0.55727 AU
desc. node	-995 Apr 05 j 01:34	28°♓52'53	
morning rise	-995 Apr 09 j 20:00	26°♓46'37	
direct	-995 Apr 14 j 00:09	26°♓08'03	
	-995 Apr 24 j 06:22	0°♈	
morning max el	-995 Apr 27 j 21:52	3°♈04'21	24°15'14
	-995 May 16 j 15:02	0°♉	
morning set	-995 May 22 j 18:09	12°♉16'59	
asc. node	-995 May 22 j 16:47	12°♉09'46	
superior conj	-995 May 29 j 19:55	27°♉30'06	1°08'50
minimum elong	-995 May 29 j 17:28	27°♉16'52	1°08'27
	-995 May 30 j 23:43	0°♊	
max. Earth dist.	-995 May 31 j 14:13	1°♊17'48	1.33234 AU
evening rise	-995 Jun 06 j 05:24	13°♊03'49	
	-995 Jun 15 j 03:54	0°♋	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-995 Jul 02 j 00:50	25°♋29'38	
	-995 Jul 05 j 20:42	0°♌	
evening max el	-995 Jul 09 j 08:37	3°♌36'19	27°25'20
retrograde	-995 Jul 23 j 01:18	10°♌56'53	
evening set	-995 Jul 30 j 05:57	8°♌19'19	
min. Earth dist.	-995 Aug 02 j 20:24	5°♌12'41	0.63341 AU
inferior conj	-995 Aug 05 j 13:02	2°♌30'29	-3°-45'-47
minimum elong	-995 Aug 05 j 17:33	2°♌19'08	3°44'42
	-995 Aug 08 j 03:47	30°℞♋	
morning rise	-995 Aug 12 j 07:19	27°♋14'41	
direct	-995 Aug 14 j 19:45	26°♋44'16	
asc. node	-995 Aug 18 j 15:59	27°♋55'59	
	-995 Aug 21 j 06:10	0°♌	
morning max el	-995 Aug 21 j 09:58	0°♌09'21	17°54'28
morning set	-995 Sep 07 j 00:00	25°♌48'49	
	-995 Sep 09 j 09:31	0°♍	
superior conj	-995 Sep 19 j 01:49	16°♍29'47	0°56'36
minimum elong	-995 Sep 19 j 06:52	16°♍50'44	0°55'59
max. Earth dist.	-995 Sep 25 j 09:10	26°♍47'43	1.43776 AU
	-995 Sep 27 j 09:16	0°♎	
desc. node	-995 Sep 28 j 00:13	0°♎59'26	
evening rise	-995 Oct 04 j 18:55	11°♎36'13	
	-995 Oct 16 j 22:39	0°♏	
greatest brilliancy	-995 Oct 28 j 05:11	15°♏53'48	-0.5m
evening max el	-995 Nov 02 j 20:06	22°♏32'15	20°52'57
retrograde	-995 Nov 11 j 04:18	27°♏28'53	
asc. node	-995 Nov 14 j 15:11	26°♏20'57	
evening set	-995 Nov 15 j 01:53	26°♏02'05	
inferior conj	-995 Nov 20 j 12:24	19°♏49'11	1°55'31
minimum elong	-995 Nov 20 j 10:03	19°♏57'15	1°54'38
min. Earth dist.	-995 Nov 21 j 00:08	19°♏09'02	0.67235 AU
morning rise	-995 Nov 25 j 17:47	13°♏33'12	
direct	-995 Dec 01 j 01:43	11°♏14'49	
morning max el	-995 Dec 11 j 23:57	17°♏45'59	24°03'13
	-995 Dec 22 j 05:39	0°♐	
desc. node	-995 Dec 24 j 23:31	3°♐43'47	
	-994 Jan 11 j 07:41	0°♑	
morning set	-994 Jan 16 j 15:06	8°♑55'11	
max. Earth dist.	-994 Jan 20 j 12:01	15°♑42'30	1.38301 AU
superior conj	-994 Jan 27 j 16:00	28°♑56'04	-1°-49'-19
minimum elong	-994 Jan 27 j 19:15	29°♑11'32	1°49'07
	-994 Jan 28 j 05:24	0°♒	
evening rise	-994 Feb 05 j 14:01	16°♒19'30	
asc. node	-994 Feb 10 j 14:30	25°♒58'25	
	-994 Feb 12 j 20:01	0°♓	
evening max el	-994 Feb 22 j 02:10	12°♓56'50	18°55'57
retrograde	-994 Mar 02 j 11:30	16°♓59'27	
evening set	-994 Mar 04 j 18:32	16°♓42'33	
inferior conj	-994 Mar 12 j 17:47	12°♓25'35	2°37'01
minimum elong	-994 Mar 12 j 22:18	12°♓17'30	2°35'51
min. Earth dist.	-994 Mar 15 j 22:42	10°♓09'14	0.57196 AU
morning rise	-994 Mar 20 j 21:55	7°♓20'21	
desc. node	-994 Mar 22 j 22:38	6°♓38'37	
direct	-994 Mar 26 j 05:52	6°♓12'11	
morning max el	-994 Apr 09 j 12:59	13°♓37'52	25°49'03
	-994 Apr 22 j 10:30	0°♈	
morning set	-994 May 07 j 05:53	27°♈15'48	
	-994 May 08 j 12:54	0°♉	
asc. node	-994 May 09 j 13:49	2°♉13'31	
superior conj	-994 May 14 j 06:47	12°♉28'57	0°47'53
minimum elong	-994 May 14 j 04:51	12°♉18'23	0°47'31
max. Earth dist.	-994 May 15 j 00:14	14°♉04'15	1.32634 AU
evening rise	-994 May 21 j 09:14	27°♉42'05	
	-994 May 22 j 12:06	0°♊	
	-994 Jun 08 j 12:33	0°♋	
desc. node	-994 Jun 18 j 21:52	13°♋21'00	
evening max el	-994 Jun 21 j 14:54	16°♋06'12	27°07'15
retrograde	-994 Jul 05 j 13:02	23°♋24'47	
evening set	-994 Jul 12 j 13:48	21°♋09'24	
min. Earth dist.	-994 Jul 16 j 04:57	18°♋25'06	0.61461 AU
inferior conj	-994 Jul 19 j 08:47	15°♋36'53	-4°-21'-28
minimum elong	-994 Jul 19 j 12:19	15°♋29'00	4°20'58
morning rise	-994 Jul 26 j 13:43	10°♋41'52	
direct	-994 Jul 29 j 00:28	10°♋16'54	
morning max el	-994 Aug 05 j 00:00	13°♋45'36	17°59'13
asc. node	-994 Aug 05 j 13:02	14°♋18'23	
	-994 Aug 16 j 01:31	0°♌	
morning set	-994 Aug 20 j 22:14	8°♌49'29	
superior conj	-994 Aug 31 j 08:31	27°♌37'13	1°26'01
minimum elong	-994 Aug 31 j 13:05	27°♌57'06	1°25'36
	-994 Sep 01 j 17:22	0°♍	
max. Earth dist.	-994 Sep 07 j 20:07	10°♍20'41	1.42263 AU
evening rise	-994 Sep 14 j 07:00	20°♍47'20	
desc. node	-994 Sep 14 j 21:13	21°♍43'32	
	-994 Sep 20 j 05:03	0°♎	
	-994 Oct 11 j 08:55	0°♏	
greatest brilliancy	-994 Oct 11 j 21:38	0°♏39'12	-0.3m
evening max el	-994 Oct 16 j 15:14	6°♏00'04	22°07'24
retrograde	-994 Oct 26 j 00:16	11°♏34'39	
evening set	-994 Oct 30 j 09:43	9°♏50'33	
asc. node	-994 Nov 01 j 12:14	7°♏46'54	
inferior conj	-994 Nov 04 j 18:58	3°♏30'48	1°06'47
minimum elong	-994 Nov 04 j 17:29	3°♏35'58	1°06'10
min. Earth dist.	-994 Nov 04 j 19:52	3°♏27'44	0.67562 AU
	-994 Nov 07 j 10:17	30°℞♎	
morning rise	-994 Nov 10 j 01:02	27°♎15'45	
direct	-994 Nov 14 j 17:45	25°♎19'25	
	-994 Nov 23 j 07:58	0°♏	
morning max el	-994 Nov 24 j 10:25	1°♏04'45	22°35'43
greatest brilliancy	-994 Nov 29 j 01:56	6°♏17'21	-0.3m
desc. node	-994 Dec 11 j 20:33	23°♏35'51	
	-994 Dec 16 j 04:24	0°♐	
morning set	-994 Dec 28 j 05:32	18°♐53'23	
max. Earth dist.	-993 Jan 02 j 07:51	27°♐23'18	1.40412 AU
	-993 Jan 03 j 20:30	0°♑	
superior conj	-993 Jan 10 j 03:09	11°♑04'27	-1°-59'-26
minimum elong	-993 Jan 10 j 04:19	11°♑09'47	1°59'27
evening rise	-993 Jan 20 j 02:29	29°♑38'25	
	-993 Jan 20 j 07:04	0°♒	
asc. node	-993 Jan 28 j 11:32	14°♒53'41	
evening max el	-993 Feb 05 j 07:23	25°♒35'59	18°22'11
retrograde	-993 Feb 12 j 14:35	29°♒12'27	
evening set	-993 Feb 15 j 02:09	28°♒48'34	
inferior conj	-993 Feb 22 j 08:17	24°♒10'51	3°30'18
minimum elong	-993 Feb 22 j 11:24	24°♒04'22	3°29'50
min. Earth dist.	-993 Feb 25 j 18:31	21°♒21'02	0.59146 AU
morning rise	-993 Mar 01 j 17:04	18°♒39'58	
direct	-993 Mar 08 j 00:51	16°♒53'58	
desc. node	-993 Mar 09 j 19:41	17°♒02'15	
morning max el	-993 Mar 22 j 08:07	24°♒34'41	27°01'07
	-993 Mar 27 j 07:16	0°♓	
	-993 Apr 15 j 13:39	0°♈	
morning set	-993 Apr 21 j 15:45	12°♈08'18	
asc. node	-993 Apr 26 j 10:51	22°♈23'52	
superior conj	-993 Apr 28 j 18:35	27°♈29'00	0°24'21
minimum elong	-993 Apr 28 j 17:31	27°♈23'08	0°24'07
max. Earth dist.	-993 Apr 28 j 13:07	26°♈59'04	1.32397 AU
	-993 Apr 29 j 22:06	0°♉	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening rise	-993 May 05 j 17:48	12°♉33'28	
	-993 May 14 j 15:50	0°♊	
evening max el	-993 Jun 03 j 15:16	27°♊53'45	26°16'33
desc. node	-993 Jun 05 j 18:53	29°♊49'26	
	-993 Jun 05 j 23:58	0°♋	
retrograde	-993 Jun 17 j 16:22	5°♋08'17	
evening set	-993 Jun 24 j 01:24	3°♋27'31	
min. Earth dist.	-993 Jun 28 j 04:17	0°♋49'19	0.59417 AU
	-993 Jun 29 j 06:24	30°℞♊	
inferior conj	-993 Jul 01 j 12:38	28°♊14'18	-4°-38'-32
minimum elong	-993 Jul 01 j 13:20	28°♊12'57	4°38'31
morning rise	-993 Jul 09 j 04:45	23°♊41'41	
direct	-993 Jul 11 j 16:00	23°♊20'18	
morning max el	-993 Jul 19 j 09:27	27°♊02'50	18°23'39
	-993 Jul 22 j 01:52	0°♋	
asc. node	-993 Jul 23 j 10:05	1°♋45'14	
morning set	-993 Aug 04 j 10:13	22°♋31'09	
	-993 Aug 08 j 08:07	0°♌	
superior conj	-993 Aug 13 j 15:20	9°♌56'46	1°42'22
minimum elong	-993 Aug 13 j 17:44	10°♌07'50	1°42'15
max. Earth dist.	-993 Aug 21 j 02:00	23°♌13'34	1.40387 AU
	-993 Aug 25 j 01:57	0°♍	
evening rise	-993 Aug 25 j 15:51	0°♍57'40	
desc. node	-993 Sep 01 j 18:13	12°♍21'54	
	-993 Sep 13 j 15:10	0°♎	
evening max el	-993 Sep 29 j 05:41	19°♎30'16	23°27'14
retrograde	-993 Oct 09 j 17:18	25°♎41'50	
evening set	-993 Oct 14 j 16:28	23°♎39'12	
asc. node	-993 Oct 19 j 09:17	18°♎13'05	
min. Earth dist.	-993 Oct 19 j 16:25	17°♎48'45	0.67575 AU
inferior conj	-993 Oct 20 j 01:53	17°♎16'20	0°14'19
minimum elong	-993 Oct 20 j 01:33	17°♎17'30	0°14'10
transit middle	-993 Oct 20 j 01:33	17°♎17'30	0°14'10
transit begin	-993 Oct 20 j 00:12	17°♎22'06	
transit end	-993 Oct 20 j 02:53	17°♎12'54	
morning rise	-993 Oct 25 j 10:41	11°♎05'00	
direct	-993 Oct 29 j 13:14	9°♎30'50	
morning max el	-993 Nov 07 j 02:24	14°♎31'21	21°13'30
greatest brilliancy	-993 Nov 12 j 10:54	20°♎42'47	-0.5m
	-993 Nov 19 j 07:35	0°♏	
desc. node	-993 Nov 28 j 17:33	13°♏48'25	
morning set	-993 Dec 07 j 15:55	27°♏32'52	
	-993 Dec 09 j 05:15	0°♐	
max. Earth dist.	-993 Dec 15 j 10:25	10°♐00'23	1.42368 AU
superior conj	-993 Dec 22 j 16:02	22°♐07'07	-1°-57'-18
minimum elong	-993 Dec 22 j 13:13	21°♐55'04	1°57'13
	-993 Dec 27 j 04:57	0°♑	
evening rise	-992 Jan 03 j 01:32	12°♑15'44	
	-992 Jan 13 j 05:38	0°♒	
asc. node	-992 Jan 15 j 08:34	3°♒13'01	
evening max el	-992 Jan 19 j 17:39	8°♒36'35	18°08'14
retrograde	-992 Jan 26 j 10:16	12°♒02'38	
evening set	-992 Jan 29 j 01:48	11°♒30'34	
inferior conj	-992 Feb 04 j 17:57	6°♒30'50	3°52'02
minimum elong	-992 Feb 04 j 18:40	6°♒29'06	3°52'00
min. Earth dist.	-992 Feb 07 j 20:46	3°♒32'15	0.61226 AU
morning rise	-992 Feb 11 j 08:56	0°♒42'29	
	-992 Feb 12 j 12:16	30°℞♑	
direct	-992 Feb 18 j 06:14	28°♑21'57	
	-992 Feb 24 j 08:20	0°♒	
desc. node	-992 Feb 24 j 16:44	0°♒11'03	
morning max el	-992 Mar 03 j 09:30	6°♒09'52	27°40'29
	-992 Mar 21 j 08:27	0°♓	
morning set	-992 Apr 04 j 21:48	26°♓46'40	
	-992 Apr 06 j 11:06	0°♈	
max. Earth dist.	-992 Apr 11 j 01:01	9°♈47'36	1.32520 AU
superior conj	-992 Apr 12 j 05:33	12°♈23'00	0°-1'-1
minimum elong	-992 Apr 12 j 05:35	12°♈23'15	0°01'02
behind sun begin	-992 Apr 12 j 00:32	11°♈55'38	
behind sun end	-992 Apr 12 j 10:39	12°♈50'53	
asc. node	-992 Apr 12 j 07:52	12°♈35'43	
evening rise	-992 Apr 19 j 04:53	27°♈29'07	
	-992 Apr 20 j 09:40	0°♉	
	-992 May 07 j 15:52	0°♊	
evening max el	-992 May 15 j 09:03	8°♊57'56	24°58'37
desc. node	-992 May 22 j 15:55	14°♊21'12	
retrograde	-992 May 29 j 09:02	16°♊04'31	
evening set	-992 Jun 03 j 14:05	15°♊02'23	
min. Earth dist.	-992 Jun 08 j 20:44	12°♊13'03	0.57452 AU
inferior conj	-992 Jun 11 j 21:14	10°♊11'59	-4°-25'-52
minimum elong	-992 Jun 11 j 17:34	10°♊18'09	4°25'29
morning rise	-992 Jun 20 j 00:57	6°♊01'00	
direct	-992 Jun 22 j 14:03	5°♊42'08	
morning max el	-992 Jul 01 j 11:20	9°♊50'58	19°08'49
asc. node	-992 Jul 09 j 07:07	20°♊01'36	
	-992 Jul 14 j 21:19	0°♋	
morning set	-992 Jul 18 j 07:56	6°♋42'27	
superior conj	-992 Jul 26 j 16:28	23°♋11'56	1°47'44
minimum elong	-992 Jul 26 j 16:41	23°♋12'59	1°47'45
	-992 Jul 30 j 06:13	0°♌	
max. Earth dist.	-992 Aug 02 j 05:01	5°♌26'28	1.38383 AU
evening rise	-992 Aug 06 j 01:54	12°♌19'46	
	-992 Aug 16 j 19:09	0°♍	
desc. node	-992 Aug 18 j 15:14	2°♍50'06	
	-992 Sep 07 j 19:23	0°♎	
evening max el	-992 Sep 10 j 17:30	3°♎03'53	24°46'06
retrograde	-992 Sep 22 j 06:26	9°♎47'12	
evening set	-992 Sep 27 j 20:27	7°♎26'25	
min. Earth dist.	-992 Oct 02 j 11:26	2°♎10'38	0.67267 AU
inferior conj	-992 Oct 03 j 07:27	1°♎04'14	0°-40'-20
minimum elong	-992 Oct 03 j 08:26	1°♎00'57	0°39'55
	-992 Oct 04 j 02:55	30°℞♍	
asc. node	-992 Oct 05 j 06:19	28°♍32'58	
morning rise	-992 Oct 08 j 20:50	24°♍59'27	
direct	-992 Oct 12 j 10:52	23°♍45'25	
morning max el	-992 Oct 20 j 01:59	28°♍08'46	20°02'16
	-992 Oct 21 j 19:15	0°♎	
greatest brilliancy	-992 Oct 27 j 07:38	7°♎01'05	-0.6m
	-992 Nov 11 j 20:02	0°♏	
desc. node	-992 Nov 14 j 14:34	4°♏15'51	
morning set	-992 Nov 15 j 12:46	5°♏41'37	
max. Earth dist.	-992 Nov 26 j 20:53	23°♏29'21	1.43889 AU
	-992 Nov 30 j 21:57	0°♐	
superior conj	-992 Dec 02 j 02:15	1°♐55'10	-1°-38'-39
minimum elong	-992 Dec 01 j 19:08	1°♐26'09	1°38'05
evening rise	-992 Dec 15 j 06:59	24°♐03'58	
	-992 Dec 18 j 17:50	0°♑	
asc. node	-991 Jan 01 j 05:37	20°♑45'53	
evening max el	-991 Jan 02 j 06:04	21°♑51'14	18°13'33
retrograde	-991 Jan 08 j 18:06	25°♑20'08	
evening set	-991 Jan 11 j 13:38	24°♑39'02	
inferior conj	-991 Jan 17 j 19:03	19°♑18'36	3°50'07
minimum elong	-991 Jan 17 j 17:46	19°♑22'04	3°50'00
min. Earth dist.	-991 Jan 20 j 08:16	16°♑33'10	0.63159 AU
morning rise	-991 Jan 23 j 20:07	13°♑18'38	
direct	-991 Jan 30 j 20:08	10°♑35'21	
desc. node	-991 Feb 10 j 13:47	15°♑34'31	
morning max el	-991 Feb 13 j 16:20	18°♑25'27	27°42'56
	-991 Feb 23 j 11:15	0°♒	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-991 Mar 14 j 04:14	0°♓	
morning set	-991 Mar 19 j 21:47	11°♓03'24	
max. Earth dist.	-991 Mar 25 j 07:56	22°♓16'05	1.33023 AU
superior conj	-991 Mar 27 j 14:01	27°♓05'20	0°-27'-21
minimum elong	-991 Mar 27 j 15:18	27°♓12'17	0°27'05
	-991 Mar 28 j 22:24	0°♈	
asc. node	-991 Mar 30 j 04:55	2°♈45'05	
evening rise	-991 Apr 03 j 16:39	12°♈22'30	
	-991 Apr 12 j 17:16	0°♉	
evening max el	-991 Apr 26 j 23:47	19°♉36'00	23°25'35
desc. node	-991 May 09 j 12:58	26°♉20'09	
retrograde	-991 May 10 j 13:37	26°♉22'33	
evening set	-991 May 14 j 08:25	25°♉51'06	
min. Earth dist.	-991 May 21 j 10:05	22°♉36'39	0.55899 AU
inferior conj	-991 May 23 j 09:51	21°♉25'48	-3°-32'00
minimum elong	-991 May 23 j 03:02	21°♉35'57	3°30'23
morning rise	-991 Jun 01 j 01:06	17°♉29'38	
direct	-991 Jun 03 j 16:50	17°♉12'17	
morning max el	-991 Jun 14 j 03:18	22°♉01'58	20°14'46
	-991 Jun 20 j 18:15	0°♊	
asc. node	-991 Jun 26 j 04:10	8°♊55'59	
morning set	-991 Jul 02 j 12:20	21°♊15'20	
	-991 Jul 06 j 18:45	0°♋	
superior conj	-991 Jul 10 j 06:47	7°♋07'59	1°44'27
minimum elong	-991 Jul 10 j 05:24	7°♋01'00	1°44'25
max. Earth dist.	-991 Jul 15 j 10:10	17°♋15'56	1.36507 AU
evening rise	-991 Jul 19 j 10:27	24°♋47'41	
	-991 Jul 22 j 07:47	0°♌	
desc. node	-991 Aug 05 j 12:16	23°♌02'19	
	-991 Aug 10 j 08:51	0°♍	
evening max el	-991 Aug 24 j 04:43	16°♍39'13	25°56'33
retrograde	-991 Sep 05 j 15:07	23°♍45'06	
evening set	-991 Sep 11 j 19:47	21°♍09'12	
min. Earth dist.	-991 Sep 16 j 02:32	16°♍30'12	0.66627 AU
inferior conj	-991 Sep 17 j 09:51	14°♍51'31	-1°-35'-39
minimum elong	-991 Sep 17 j 12:13	14°♍44'00	1°34'43
asc. node	-991 Sep 22 j 03:23	9°♍41'58	
morning rise	-991 Sep 23 j 05:29	8°♍56'14	
direct	-991 Sep 26 j 09:11	7°♍58'59	
morning max el	-991 Oct 03 j 08:48	11°♍54'55	19°05'12
	-991 Oct 16 j 13:38	0°♎	
morning set	-991 Oct 25 j 20:24	14°♎29'06	
desc. node	-991 Nov 01 j 11:36	24°♎53'11	
	-991 Nov 04 j 17:50	0°♏	
max. Earth dist.	-991 Nov 09 j 12:45	7°♏31'45	1.44784 AU
superior conj	-991 Nov 11 j 11:57	10°♏37'59	-1°-2'-9
minimum elong	-991 Nov 11 j 04:38	10°♏09'05	1°01'19
	-991 Nov 23 j 14:09	0°♐	
evening rise	-991 Nov 26 j 14:32	4°♐55'00	
	-991 Dec 12 j 11:09	0°♑	
evening max el	-991 Dec 16 j 17:57	5°♑13'45	18°37'20
asc. node	-991 Dec 19 j 02:40	7°♑18'48	
retrograde	-991 Dec 23 j 09:40	8°♑56'18	
evening set	-991 Dec 26 j 10:11	8°♑04'57	
inferior conj	-990 Jan 01 j 07:39	2°♑26'09	3°31'21
minimum elong	-990 Jan 01 j 05:11	2°♑33'31	3°30'54
min. Earth dist.	-990 Jan 03 j 05:41	0°♑08'55	0.64785 AU
	-990 Jan 03 j 08:45	30°℞♐	
morning rise	-990 Jan 06 j 22:57	26°♐18'30	
direct	-990 Jan 13 j 17:22	23°♐27'15	
	-990 Jan 25 j 20:17	0°♑	
morning max el	-990 Jan 27 j 01:48	1°♑11'39	27°10'47
desc. node	-990 Jan 28 j 10:50	2°♑36'34	
	-990 Feb 17 j 13:14	0°♒	
morning set	-990 Mar 03 j 12:45	24°♒48'42	
	-990 Mar 06 j 03:56	0°♓	
max. Earth dist.	-990 Mar 08 j 05:45	4°♓12'00	1.33945 AU
superior conj	-990 Mar 11 j 18:03	11°♓29'31	0°-53'-36
minimum elong	-990 Mar 11 j 20:33	11°♓42'40	0°53'07
asc. node	-990 Mar 17 j 02:00	22°♓47'39	
evening rise	-990 Mar 19 j 03:18	27°♓07'02	
	-990 Mar 20 j 12:41	0°♈	
	-990 Apr 08 j 11:06	0°♉	
evening max el	-990 Apr 08 j 18:27	0°♉17'51	21°52'08
retrograde	-990 Apr 21 j 07:04	6°♉24'28	
evening set	-990 Apr 23 j 22:33	6°♉08'50	
desc. node	-990 Apr 26 j 09:59	5°♉27'57	
inferior conj	-990 May 03 j 07:41	2°♉04'44	-1°-55'-34
minimum elong	-990 May 03 j 02:29	2°♉12'03	1°53'50
min. Earth dist.	-990 May 02 j 23:19	2°♉16'30	0.55086 AU
	-990 May 07 j 04:37	30°℞♈	
morning rise	-990 May 12 j 07:34	28°♈08'05	
direct	-990 May 15 j 05:46	27°♈49'06	
	-990 May 22 j 17:08	0°♉	
morning max el	-990 May 27 j 08:18	3°♉30'59	21°39'33
asc. node	-990 Jun 13 j 01:15	28°♉19'14	
	-990 Jun 13 j 21:41	0°♊	
morning set	-990 Jun 16 j 21:12	6°♊03'39	
superior conj	-990 Jun 24 j 06:22	21°♊33'24	1°34'31
minimum elong	-990 Jun 24 j 04:05	21°♊21'29	1°34'18
max. Earth dist.	-990 Jun 27 j 23:11	29°♊09'58	1.34937 AU
	-990 Jun 28 j 09:06	0°♋	
evening rise	-990 Jul 02 j 12:37	8°♋09'07	
	-990 Jul 14 j 21:47	0°♌	
desc. node	-990 Jul 23 j 09:18	12°♌51'29	
	-990 Aug 06 j 11:40	0°♍	
evening max el	-990 Aug 06 j 16:27	0°♍11'35	26°50'41
retrograde	-990 Aug 19 j 18:44	7°♍29'10	
evening set	-990 Aug 26 j 12:14	4°♍44'36	
min. Earth dist.	-990 Aug 30 j 11:27	0°♍43'20	0.65639 AU
	-990 Aug 31 j 02:20	30°℞♌	
inferior conj	-990 Sep 01 j 07:06	28°♌35'16	-2°-29'-43
minimum elong	-990 Sep 01 j 10:44	28°♌24'36	2°28'26
morning rise	-990 Sep 07 j 10:31	22°♌52'30	
asc. node	-990 Sep 09 j 00:25	22°♌16'55	
direct	-990 Sep 10 j 06:18	22°♌08'18	
morning max el	-990 Sep 16 j 21:02	25°♌45'51	18°24'06
	-990 Sep 20 j 11:11	0°♍	
morning set	-990 Oct 06 j 06:33	24°♍36'44	
	-990 Oct 09 j 14:18	0°♎	
desc. node	-990 Oct 19 j 08:39	15°♎36'53	
superior conj	-990 Oct 21 j 12:15	19°♎00'41	0°-13'-58
minimum elong	-990 Oct 21 j 10:24	18°♎53'25	0°13'44
behind sun begin	-990 Oct 21 j 04:18	18°♎29'21	
behind sun end	-990 Oct 21 j 16:30	19°♎17'29	
max. Earth dist.	-990 Oct 23 j 07:00	21°♎49'03	1.44961 AU
	-990 Oct 28 j 12:03	0°♏	
evening rise	-990 Nov 06 j 22:04	14°♏46'31	
	-990 Nov 16 j 15:19	0°♐	
greatest brilliancy	-990 Nov 20 j 11:32	5°♐52'26	-0.7m
evening max el	-990 Nov 30 j 03:01	18°♐40'36	19°18'21
asc. node	-990 Dec 05 j 23:43	22°♐37'10	
retrograde	-990 Dec 07 j 05:33	22°♐45'49	
evening set	-990 Dec 10 j 12:42	21°♐42'24	
inferior conj	-990 Dec 16 j 04:28	15°♐48'00	3°00'37
minimum elong	-990 Dec 16 j 01:35	15°♐57'15	2°59'51
min. Earth dist.	-990 Dec 17 j 12:00	14°♐06'57	0.66038 AU
morning rise	-990 Dec 21 j 13:38	9°♐35'27	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

direct	-990 Dec 27 j 20:51	6°♐49'51	
morning max el	-989 Jan 09 j 11:14	14°♐15'55	26°10'55
desc. node	-989 Jan 15 j 07:54	20°♐48'58	
	-989 Jan 22 j 08:15	0°♑	
	-989 Feb 10 j 07:08	0°♒	
morning set	-989 Feb 14 j 14:41	7°♒50'21	
max. Earth dist.	-989 Feb 18 j 15:46	15°♒32'44	1.35327 AU
superior conj	-989 Feb 23 j 15:16	25°♒28'32	-1°-18'-20
minimum elong	-989 Feb 23 j 18:41	25°♒45'57	1°17'49
	-989 Feb 25 j 20:13	0°♓	
evening rise	-989 Mar 03 j 10:55	11°♓36'38	
asc. node	-989 Mar 03 j 23:04	12°♓38'46	
	-989 Mar 13 j 04:52	0°♈	
evening max el	-989 Mar 21 j 22:37	11°♈27'41	20°29'38
retrograde	-989 Apr 01 j 20:17	16°♈41'22	
evening set	-989 Apr 04 j 00:43	16°♈29'39	
inferior conj	-989 Apr 13 j 02:54	12°♈32'18	0°02'57
minimum elong	-989 Apr 13 j 03:02	12°♈32'06	0°02'54
transit middle	-989 Apr 13 j 03:02	12°♈32'06	0°02'54
transit begin	-989 Apr 12 j 23:03	12°♈37'53	
transit end	-989 Apr 13 j 07:01	12°♈26'18	
desc. node	-989 Apr 13 j 07:03	12°♈26'15	
min. Earth dist.	-989 Apr 14 j 13:08	11°♈42'33	0.55222 AU
morning rise	-989 Apr 22 j 03:23	8°♈16'40	
direct	-989 Apr 25 j 17:52	7°♈48'27	
morning max el	-989 May 09 j 03:45	14°♈21'17	23°17'21
	-989 May 21 j 05:38	0°♉	
asc. node	-989 May 30 j 22:20	18°♉02'56	
morning set	-989 Jun 01 j 08:31	21°♉00'30	
	-989 Jun 05 j 13:49	0°♊	
superior conj	-989 Jun 08 j 12:05	6°♊17'28	1°19'25
minimum elong	-989 Jun 08 j 09:33	6°♊03'53	1°19'04
max. Earth dist.	-989 Jun 10 j 21:59	11°♊25'00	1.33745 AU
evening rise	-989 Jun 16 j 03:36	22°♊09'13	
	-989 Jun 20 j 05:00	0°♋	
	-989 Jul 08 j 16:34	0°♌	
desc. node	-989 Jul 10 j 06:20	2°♌06'51	
evening max el	-989 Jul 20 j 03:57	13°♌30'12	27°21'07
retrograde	-989 Aug 02 j 16:37	20°♌50'36	
evening set	-989 Aug 09 j 18:58	18°♌07'13	
min. Earth dist.	-989 Aug 13 j 11:55	14°♌42'04	0.64285 AU
inferior conj	-989 Aug 15 j 20:48	12°♌09'59	-3°-20'00
minimum elong	-989 Aug 16 j 01:14	11°♌58'06	3°18'43
morning rise	-989 Aug 22 j 09:19	6°♌43'06	
direct	-989 Aug 24 j 23:45	6°♌08'25	
asc. node	-989 Aug 26 j 21:30	6°♌27'11	
morning max el	-989 Aug 31 j 12:07	9°♌35'44	18°00'04
	-989 Sep 14 j 06:39	0°♍	
morning set	-989 Sep 17 j 20:18	6°♍04'21	
superior conj	-989 Oct 01 j 01:06	28°♍03'38	0°33'38
minimum elong	-989 Oct 01 j 04:48	28°♍18'36	0°33'08
	-989 Oct 02 j 05:54	0°♎	
max. Earth dist.	-989 Oct 06 j 00:50	6°♎03'58	1.44408 AU
desc. node	-989 Oct 06 j 05:41	6°♎23'12	
evening rise	-989 Oct 17 j 09:55	23°♎51'17	
	-989 Oct 21 j 09:57	0°♏	
greatest brilliancy	-989 Nov 06 j 17:00	24°♏04'20	-0.6m
	-989 Nov 11 j 08:34	0°♐	
evening max el	-989 Nov 13 j 07:23	2°♐08'51	20°14'44
retrograde	-989 Nov 21 j 03:01	6°♐44'32	
asc. node	-989 Nov 22 j 20:44	6°♐27'13	
evening set	-989 Nov 24 j 18:49	5°♐26'48	
	-989 Nov 29 j 18:48	30°℞♏	
inferior conj	-989 Nov 30 j 06:47	29°♏19'50	2°21'13
minimum elong	-989 Nov 30 j 04:05	29°♏28'53	2°20'19
min. Earth dist.	-989 Dec 01 j 01:18	28°♏17'36	0.66905 AU
morning rise	-989 Dec 05 j 12:49	23°♏04'41	
direct	-989 Dec 11 j 05:41	20°♏34'38	
morning max el	-989 Dec 22 j 19:43	27°♏28'29	24°52'40
	-989 Dec 25 j 04:55	0°♐	
desc. node	-988 Jan 02 j 04:57	9°♐51'05	
	-988 Jan 16 j 00:38	0°♑	
morning set	-988 Jan 27 j 22:20	19°♑53'28	
max. Earth dist.	-988 Jan 31 j 15:27	26°♑36'26	1.37133 AU
	-988 Feb 02 j 11:14	0°♒	
superior conj	-988 Feb 07 j 02:37	8°♒53'56	-1°-39'-37
minimum elong	-988 Feb 07 j 06:16	9°♒11'47	1°39'16
evening rise	-988 Feb 15 j 13:20	25°♒45'08	
	-988 Feb 17 j 16:43	0°♓	
asc. node	-988 Feb 18 j 20:06	2°♓13'33	
evening max el	-988 Mar 03 j 13:52	23°♓15'10	19°24'27
retrograde	-988 Mar 12 j 18:50	27°♓39'51	
evening set	-988 Mar 14 j 23:51	27°♓25'45	
inferior conj	-988 Mar 23 j 09:37	23°♓18'34	1°49'52
minimum elong	-988 Mar 23 j 13:39	23°♓11'57	1°48'38
min. Earth dist.	-988 Mar 26 j 03:47	21°♓30'53	0.56274 AU
desc. node	-988 Mar 30 j 04:05	19°♓16'21	
morning rise	-988 Mar 31 j 23:41	18°♓32'05	
direct	-988 Apr 05 j 15:47	17°♓42'28	
morning max el	-988 Apr 19 j 18:35	24°♓52'37	24°56'54
	-988 Apr 24 j 12:03	0°♈	
	-988 May 12 j 22:40	0°♉	
morning set	-988 May 15 j 20:34	6°♉00'19	
asc. node	-988 May 16 j 19:24	8°♉01'01	
superior conj	-988 May 22 j 21:38	21°♉12'40	1°00'19
minimum elong	-988 May 22 j 19:21	21°♉00'17	0°59'55
max. Earth dist.	-988 May 24 j 05:00	24°♉02'55	1.32937 AU
	-988 May 26 j 23:35	0°♊	
evening rise	-988 May 30 j 03:38	6°♊36'21	
	-988 Jun 11 j 18:07	0°♋	
desc. node	-988 Jun 26 j 03:20	20°♋34'10	
evening max el	-988 Jul 01 j 12:59	26°♋21'36	27°21'44
	-988 Jul 05 j 20:51	0°♌	
retrograde	-988 Jul 15 j 07:59	3°♌40'33	
evening set	-988 Jul 22 j 12:21	1°♌10'56	
	-988 Jul 24 j 02:11	30°℞♋	
min. Earth dist.	-988 Jul 26 j 02:17	28°♋15'24	0.62579 AU
inferior conj	-988 Jul 29 j 00:03	25°♋28'59	-4°-2'-38
minimum elong	-988 Jul 29 j 04:21	25°♋18'41	4°01'46
morning rise	-988 Aug 04 j 22:45	20°♋21'27	
direct	-988 Aug 07 j 10:18	19°♋53'28	
asc. node	-988 Aug 12 j 18:34	22°♋05'22	
morning max el	-988 Aug 14 j 03:20	23°♋18'46	17°54'08
	-988 Aug 19 j 10:16	0°♌	
morning set	-988 Aug 30 j 08:22	18°♌35'58	
	-988 Sep 05 j 18:51	0°♍	
superior conj	-988 Sep 10 j 16:00	8°♍24'15	1°10'46
minimum elong	-988 Sep 10 j 21:11	8°♍46'13	1°10'11
max. Earth dist.	-988 Sep 17 j 15:33	19°♍59'19	1.43199 AU
desc. node	-988 Sep 22 j 02:40	27°♍09'02	
	-988 Sep 23 j 22:01	0°♎	
evening rise	-988 Sep 25 j 16:32	2°♎46'15	
	-988 Oct 13 j 22:35	0°♏	
greatest brilliancy	-988 Oct 21 j 03:38	9°♏43'26	-0.4m
evening max el	-988 Oct 26 j 05:53	15°♏36'38	21°23'37
retrograde	-988 Nov 04 j 00:01	20°♏48'42	
evening set	-988 Nov 08 j 02:32	19°♏14'33	
asc. node	-988 Nov 08 j 17:46	18°♏42'54	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

inferior conj	-988 Nov 13 j 12:19	12°♏58'20	1°35'23
minimum elong	-988 Nov 13 j 10:18	13°♏05'19	1°34'35
min. Earth dist.	-988 Nov 13 j 19:16	12°♏34'24	0.67419 AU
morning rise	-988 Nov 18 j 17:46	6°♏42'42	
direct	-988 Nov 23 j 19:10	4°♏33'41	
morning max el	-988 Dec 04 j 04:42	10°♏45'05	23°25'51
greatest brilliancy	-988 Dec 09 j 19:40	17°♏06'26	-0.2m
desc. node	-988 Dec 19 j 01:58	29°♏27'45	
	-988 Dec 19 j 11:03	0°♐	
	-987 Jan 07 j 19:40	0°♑	
morning set	-987 Jan 08 j 05:16	0°♑40'19	
max. Earth dist.	-987 Jan 12 j 10:52	7°♑56'01	1.39205 AU
superior conj	-987 Jan 19 j 23:58	21°♑33'39	-1°-54'-50
minimum elong	-987 Jan 20 j 02:34	21°♑45'48	1°54'44
	-987 Jan 24 j 10:57	0°♒	
evening rise	-987 Jan 29 j 07:47	9°♒24'20	
asc. node	-987 Feb 04 j 17:07	21°♒25'12	
	-987 Feb 09 j 23:29	0°♓	
evening max el	-987 Feb 14 j 14:39	5°♓36'54	18°39'02
retrograde	-987 Feb 22 j 11:25	9°♓26'38	
evening set	-987 Feb 24 j 20:26	9°♓06'56	
inferior conj	-987 Mar 04 j 12:02	4°♓41'04	3°03'57
minimum elong	-987 Mar 04 j 16:13	4°♓33'04	3°03'03
min. Earth dist.	-987 Mar 07 j 20:55	2°♓07'56	0.57991 AU
	-987 Mar 11 j 03:55	30°♑℞♒	
morning rise	-987 Mar 12 j 08:02	29°♒23'53	
desc. node	-987 Mar 17 j 01:08	28°♒03'16	
direct	-987 Mar 18 j 02:58	28°♒00'22	
	-987 Mar 25 j 05:12	0°♓	
morning max el	-987 Apr 01 j 10:59	5°♓33'09	26°23'15
	-987 Apr 19 j 09:24	0°♈	
morning set	-987 Apr 30 j 07:42	20°♈56'56	
asc. node	-987 May 03 j 16:26	28°♈07'53	
	-987 May 04 j 13:04	0°♉	
superior conj	-987 May 07 j 09:04	6°♉12'11	0°38'09
minimum elong	-987 May 07 j 07:28	6°♉03'24	0°37'50
max. Earth dist.	-987 May 07 j 16:48	6°♉54'38	1.32491 AU
evening rise	-987 May 14 j 09:44	21°♉20'36	
	-987 May 18 j 16:30	0°♊	
	-987 Jun 06 j 02:42	0°♋	
desc. node	-987 Jun 13 j 00:21	7°♋53'22	
evening max el	-987 Jun 13 j 16:49	8°♋33'18	26°49'27
retrograde	-987 Jun 27 j 16:09	15°♋50'18	
evening set	-987 Jul 04 j 12:04	13°♋48'08	
min. Earth dist.	-987 Jul 08 j 06:24	11°♋08'59	0.60599 AU
inferior conj	-987 Jul 11 j 13:26	8°♋23'46	-4°-31'-35
minimum elong	-987 Jul 11 j 16:00	8°♋18'21	4°31'21
morning rise	-987 Jul 18 j 23:05	3°♋38'27	
direct	-987 Jul 21 j 09:56	3°♋15'06	
morning max el	-987 Jul 28 j 15:47	6°♋47'55	18°07'16
asc. node	-987 Jul 30 j 15:37	8°♋56'55	
	-987 Aug 12 j 12:13	0°♌	
morning set	-987 Aug 13 j 13:01	1°♌55'40	
superior conj	-987 Aug 23 j 09:42	20°♌04'50	1°34'27
minimum elong	-987 Aug 23 j 13:26	20°♌21'27	1°34'10
	-987 Aug 29 j 01:57	0°♍	
max. Earth dist.	-987 Aug 31 j 00:33	3°♍17'24	1.41491 AU
evening rise	-987 Sep 05 j 12:12	12°♍19'10	
desc. node	-987 Sep 08 j 23:41	17°♍51'23	
	-987 Sep 16 j 22:08	0°♎	
greatest brilliancy	-987 Oct 04 j 01:30	23°♎36'42	-0.3m
evening max el	-987 Oct 08 j 22:43	29°♎05'11	22°40'57
	-987 Oct 09 j 21:01	0°♏	
retrograde	-987 Oct 18 j 18:59	4°♏56'12	
evening set	-987 Oct 23 j 10:08	3°♏04'03	
	-987 Oct 26 j 08:09	30°♑℞♎	
asc. node	-987 Oct 26 j 14:48	29°♎38'59	
inferior conj	-987 Oct 28 j 19:16	26°♎42'16	0°44'55
minimum elong	-987 Oct 28 j 18:14	26°♎45'51	0°44'28
min. Earth dist.	-987 Oct 28 j 15:38	26°♎54'49	0.67605 AU
morning rise	-987 Nov 03 j 02:16	20°♎28'33	
direct	-987 Nov 07 j 12:41	18°♎42'03	
morning max el	-987 Nov 16 j 17:21	24°♎07'52	21°59'44
greatest brilliancy	-987 Nov 21 j 11:42	29°♎31'06	-0.4m
	-987 Nov 21 j 21:03	0°♏	
desc. node	-987 Dec 05 j 22:59	19°♏29'31	
	-987 Dec 12 j 21:50	0°♐	
morning set	-987 Dec 19 j 07:11	10°♐02'58	
max. Earth dist.	-987 Dec 25 j 09:14	20°♐00'33	1.41283 AU
	-987 Dec 31 j 05:45	0°♑	
superior conj	-986 Jan 02 j 02:17	3°♑15'22	-2°00'-18
minimum elong	-986 Jan 02 j 01:58	3°♑14'01	2°00'19
evening rise	-986 Jan 12 j 15:03	22°♑26'48	
	-986 Jan 16 j 17:25	0°♒	
asc. node	-986 Jan 22 j 14:08	10°♒06'18	
evening max el	-986 Jan 28 j 22:19	18°♒25'44	18°13'46
retrograde	-986 Feb 04 j 22:12	21°♒56'21	
evening set	-986 Feb 07 j 11:20	21°♒29'15	
inferior conj	-986 Feb 14 j 11:07	16°♒42'06	3°42'55
minimum elong	-986 Feb 14 j 13:14	16°♒37'24	3°42'41
min. Earth dist.	-986 Feb 17 j 19:19	13°♒45'20	0.60035 AU
morning rise	-986 Feb 21 j 11:54	11°♒02'27	
direct	-986 Feb 28 j 02:35	9°♒00'44	
desc. node	-986 Mar 03 j 22:10	9°♒38'59	
morning max el	-986 Mar 14 j 08:57	16°♒45'55	27°22'15
	-986 Mar 25 j 07:07	0°♓	
	-986 Apr 11 j 20:30	0°♈	
morning set	-986 Apr 14 j 16:11	5°♈44'08	
asc. node	-986 Apr 20 j 13:28	18°♈19'11	
max. Earth dist.	-986 Apr 21 j 05:40	19°♈47'45	1.32401 AU
superior conj	-986 Apr 21 j 20:42	21°♈10'04	0°13'44
minimum elong	-986 Apr 21 j 20:05	21°♈06'41	0°13'37
behind sun begin	-986 Apr 21 j 17:31	20°♈52'37	
behind sun end	-986 Apr 21 j 22:39	21°♈20'45	
	-986 Apr 25 j 21:40	0°♉	
evening rise	-986 Apr 28 j 19:35	6°♉14'05	
	-986 May 11 j 09:09	0°♊	
evening max el	-986 May 26 j 13:58	20°♊00'11	25°46'05
desc. node	-986 May 30 j 21:24	23°♊36'13	
retrograde	-986 Jun 09 j 15:34	27°♊13'12	
evening set	-986 Jun 15 j 13:59	25°♊48'51	
min. Earth dist.	-986 Jun 20 j 02:20	23°♊07'56	0.58543 AU
inferior conj	-986 Jun 23 j 09:21	20°♊44'36	-4°-37'-35
minimum elong	-986 Jun 23 j 08:17	20°♊46'33	4°37'33
morning rise	-986 Jul 01 j 06:24	16°♊21'57	
direct	-986 Jul 03 j 18:11	16°♊01'52	
morning max el	-986 Jul 11 j 22:26	19°♊53'59	18°40'26
asc. node	-986 Jul 17 j 12:41	26°♊46'11	
	-986 Jul 19 j 14:12	0°♋	
morning set	-986 Jul 28 j 05:32	15°♋50'30	
	-986 Aug 04 j 13:06	0°♌	
superior conj	-986 Aug 06 j 01:00	2°♌49'53	1°45'50
minimum elong	-986 Aug 06 j 02:26	2°♌56'35	1°45'49
max. Earth dist.	-986 Aug 13 j 04:11	15°♌49'50	1.39522 AU
evening rise	-986 Aug 17 j 07:43	22°♌59'26	
	-986 Aug 21 j 13:10	0°♍	
desc. node	-986 Aug 26 j 20:43	8°♍25'54	
	-986 Sep 10 j 19:57	0°♎	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening max el	-986 Sep 21 j 11:38	12°♎36'13	24°01'20
retrograde	-986 Oct 02 j 10:39	19°♎03'03	
evening set	-986 Oct 07 j 15:56	16°♎52'34	
min. Earth dist.	-986 Oct 12 j 11:56	11°♎16'23	0.67477 AU
inferior conj	-986 Oct 13 j 01:50	10°♎29'14	0°-8'-38
minimum elong	-986 Oct 13 j 02:02	10°♎28'32	0°08'34
transit middle	-986 Oct 13 j 02:02	10°♎28'32	0°08'34
transit begin	-986 Oct 12 j 23:43	10°♎36'24	
transit end	-986 Oct 13 j 04:21	10°♎20'41	
asc. node	-986 Oct 13 j 11:51	9°♎55'21	
morning rise	-986 Oct 18 j 12:21	4°♎20'08	
direct	-986 Oct 22 j 09:15	2°♎54'59	
morning max el	-986 Oct 30 j 12:28	7°♎39'06	20°41'35
greatest brilliancy	-986 Nov 05 j 13:15	14°♎46'57	-0.5m
	-986 Nov 16 j 07:23	0°♏	
desc. node	-986 Nov 22 j 20:01	9°♏48'59	
morning set	-986 Nov 28 j 09:08	18°♏21'17	
	-986 Dec 05 j 18:13	0°♐	
max. Earth dist.	-986 Dec 07 j 14:41	2°♐59'01	1.43080 AU
superior conj	-986 Dec 14 j 04:11	13°♐46'56	-1°-51'-36
minimum elong	-986 Dec 13 j 23:23	13°♐26'48	1°51'21
	-986 Dec 23 j 14:43	0°♑	
evening rise	-986 Dec 26 j 07:11	4°♑44'13	
asc. node	-985 Jan 09 j 11:09	28°♑07'30	
	-985 Jan 10 j 23:21	0°♒	
evening max el	-985 Jan 12 j 09:53	1°♒33'34	18°08'12
retrograde	-985 Jan 18 j 23:29	4°♒59'15	
evening set	-985 Jan 21 j 16:37	4°♒23'34	
	-985 Jan 27 j 10:03	30°℞♑	
inferior conj	-985 Jan 28 j 03:52	29°♑15'10	3°53'38
minimum elong	-985 Jan 28 j 03:39	29°♑15'43	3°53'37
min. Earth dist.	-985 Jan 31 j 01:31	26°♑19'27	0.62080 AU
morning rise	-985 Feb 03 j 12:24	23°♑21'13	
direct	-985 Feb 10 j 12:12	20°♑48'51	
desc. node	-985 Feb 18 j 19:13	23°♑49'36	
morning max el	-985 Feb 24 j 12:53	28°♑39'08	27°45'55
	-985 Feb 25 j 20:39	0°♒	
	-985 Mar 19 j 02:07	0°♓	
morning set	-985 Mar 29 j 20:01	20°♓14'54	
	-985 Apr 03 j 12:01	0°♈	
max. Earth dist.	-985 Apr 04 j 15:47	2°♈29'05	1.32681 AU
superior conj	-985 Apr 06 j 06:53	6°♈00'37	0°-12'-8
minimum elong	-985 Apr 06 j 07:27	6°♈03'41	0°12'01
behind sun begin	-985 Apr 06 j 04:05	5°♈45'22	
behind sun end	-985 Apr 06 j 10:50	6°♈22'01	
asc. node	-985 Apr 07 j 10:31	8°♈30'52	
evening rise	-985 Apr 13 j 07:13	21°♈10'00	
	-985 Apr 17 j 14:41	0°♉	
	-985 May 07 j 09:08	0°♊	
evening max el	-985 May 08 j 05:56	0°♊51'16	24°20'06
desc. node	-985 May 17 j 18:26	7°♊07'38	
retrograde	-985 May 22 j 03:35	7°♊51'32	
evening set	-985 May 26 j 17:47	7°♊04'23	
min. Earth dist.	-985 Jun 01 j 17:28	4°♊05'34	0.56715 AU
inferior conj	-985 Jun 04 j 09:24	2°♊24'24	-4°-8'-37
minimum elong	-985 Jun 04 j 04:00	2°♊33'00	4°07'43
	-985 Jun 08 j 10:53	30°℞♉	
morning rise	-985 Jun 12 j 18:04	28°♉20'43	
direct	-985 Jun 15 j 07:57	28°♉02'46	
	-985 Jun 21 j 16:17	0°♊	
morning max el	-985 Jun 24 j 20:25	2°♊27'50	19°34'21
asc. node	-985 Jul 04 j 09:46	15°♊20'24	
morning set	-985 Jul 12 j 06:27	0°♋11'53	
	-985 Jul 12 j 04:04	0°♋	
superior conj	-985 Jul 20 j 08:19	16°♋23'59	1°47'16
minimum elong	-985 Jul 20 j 07:46	16°♋21'16	1°47'16
max. Earth dist.	-985 Jul 26 j 07:09	27°♋48'44	1.37557 AU
	-985 Jul 27 j 11:33	0°♌	
evening rise	-985 Jul 30 j 03:58	4°♌51'19	
desc. node	-985 Aug 13 j 17:45	28°♌47'52	
	-985 Aug 14 j 12:56	0°♍	
evening max el	-985 Sep 03 j 23:07	26°♍11'11	25°17'39
	-985 Sep 08 j 08:40	0°♎	
retrograde	-985 Sep 15 j 21:58	3°♎05'22	
evening set	-985 Sep 21 j 18:11	0°♎37'55	
	-985 Sep 22 j 10:55	30°℞♍	
min. Earth dist.	-985 Sep 26 j 05:42	25°♍37'15	0.67034 AU
inferior conj	-985 Sep 27 j 06:18	24°♍17'09	-1°-3'-48
minimum elong	-985 Sep 27 j 07:52	24°♍12'01	1°03'10
asc. node	-985 Sep 30 j 08:55	20°♍29'40	
morning rise	-985 Oct 02 j 22:07	18°♍15'44	
direct	-985 Oct 06 j 07:30	17°♍09'09	
morning max el	-985 Oct 13 j 15:10	21°♍19'49	19°36'04
	-985 Oct 20 j 15:18	0°♎	
greatest brilliancy	-985 Oct 22 j 04:03	2°♎09'47	-0.7m
morning set	-985 Nov 07 j 07:38	26°♎38'01	
	-985 Nov 09 j 11:40	0°♏	
desc. node	-985 Nov 09 j 17:03	0°♏20'55	
max. Earth dist.	-985 Nov 20 j 03:35	16°♏43'35	1.44356 AU
superior conj	-985 Nov 24 j 03:08	23°♏04'37	-1°-25'-12
minimum elong	-985 Nov 23 j 19:10	22°♏32'39	1°24'27
	-985 Nov 28 j 09:55	0°♐	
evening rise	-985 Dec 08 j 03:45	16°♐08'32	
	-985 Dec 16 j 10:21	0°♑	
evening max el	-985 Dec 26 j 22:28	14°♑52'41	18°21'31
asc. node	-985 Dec 27 j 08:12	15°♑16'49	
retrograde	-984 Jan 02 j 10:59	18°♑25'45	
evening set	-984 Jan 05 j 08:34	17°♑40'23	
inferior conj	-984 Jan 11 j 10:18	12°♑11'58	3°43'51
minimum elong	-984 Jan 11 j 08:25	12°♑17'18	3°43'37
min. Earth dist.	-984 Jan 13 j 17:08	9°♑37'12	0.63900 AU
morning rise	-984 Jan 17 j 06:46	6°♑08'39	
direct	-984 Jan 24 j 05:28	3°♑20'03	
desc. node	-984 Feb 05 j 16:16	9°♑58'56	
morning max el	-984 Feb 06 j 20:56	11°♑08'20	27°33'07
	-984 Feb 21 j 19:57	0°♒	
	-984 Mar 10 j 11:23	0°♓	
morning set	-984 Mar 12 j 16:34	4°♓19'27	
max. Earth dist.	-984 Mar 17 j 19:12	14°♓44'30	1.33363 AU
superior conj	-984 Mar 20 j 13:44	20°♓36'18	0°-38'-33
minimum elong	-984 Mar 20 j 15:34	20°♓46'01	0°38'12
asc. node	-984 Mar 24 j 07:33	28°♓37'54	
	-984 Mar 24 j 22:52	0°♈	
evening rise	-984 Mar 27 j 18:44	6°♈00'38	
	-984 Apr 09 j 17:41	0°♉	
evening max el	-984 Apr 18 j 21:39	11°♉27'51	22°45'06
retrograde	-984 May 02 j 02:28	17°♉58'56	
desc. node	-984 May 03 j 15:29	17°♉53'39	
evening set	-984 May 05 j 08:07	17°♉36'02	
min. Earth dist.	-984 May 13 j 06:31	14°♉07'29	0.55453 AU
inferior conj	-984 May 14 j 14:40	13°♉21'25	-2°-55'-39
minimum elong	-984 May 14 j 07:51	13°♉31'13	2°53'42
morning rise	-984 May 23 j 10:10	9°♉27'05	
direct	-984 May 26 j 04:07	9°♉09'26	
morning max el	-984 Jun 06 j 07:36	14°♉20'27	20°48'41
	-984 Jun 17 j 19:52	0°♊	
asc. node	-984 Jun 20 j 06:50	4°♊28'00	
morning set	-984 Jun 25 j 13:01	14°♊51'56	
	-984 Jul 02 j 20:30	0°♋	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-984 Jul 03 j 02:58	0°♋33'13	1°40'57	
minimum elong	-984 Jul 03 j 01:07	0°♋23'44	1°40'50	
max. Earth dist.	-984 Jul 07 j 15:26	9°♋38'03	1.35801 AU	
evening rise	-984 Jul 11 j 20:38	17°♋43'22		
	-984 Jul 18 j 17:09	0°♌		
desc. node	-984 Jul 30 j 14:48	18°♌51'02		
	-984 Aug 07 j 18:59	0°♍		
evening max el	-984 Aug 16 j 10:44	9°♍46'33	26°22'06	
retrograde	-984 Aug 29 j 04:22	16°♍57'47		
evening set	-984 Sep 04 j 14:52	14°♍17'27		
min. Earth dist.	-984 Sep 08 j 18:25	9°♍54'28	0.66252 AU	
inferior conj	-984 Sep 10 j 06:46	8°♍03'07	-1°-58'-53	
minimum elong	-984 Sep 10 j 09:43	7°♍54'06	1°57'45	
morning rise	-984 Sep 16 j 05:31	2°♍12'42		
asc. node	-984 Sep 16 j 06:00	2°♍12'03		
direct	-984 Sep 19 j 05:40	1°♍21'17		
morning max el	-984 Sep 26 j 00:30	5°♍07'59	18°45'43	
	-984 Oct 13 j 07:39	0°♎		
morning set	-984 Oct 17 j 01:40	5°♎57'44		
desc. node	-984 Oct 26 j 14:06	21°♎01'15		
	-984 Nov 01 j 07:01	0°♏		
superior conj	-984 Nov 02 j 06:12	1°♏31'11	0°-42'-29	
minimum elong	-984 Nov 02 j 00:44	1°♏09'41	0°41'48	
max. Earth dist.	-984 Nov 01 j 21:24	0°♏56'33	1.44950 AU	
evening rise	-984 Nov 18 j 01:06	26°♏34'15		
	-984 Nov 20 j 04:22	0°♐		
evening max el	-984 Dec 09 j 09:29	28°♐17'53	18°52'46	
	-984 Dec 11 j 05:37	0°♑		
asc. node	-984 Dec 13 j 05:15	1°♑20'21		
retrograde	-984 Dec 16 j 04:49	2°♑08'49		
evening set	-984 Dec 19 j 08:02	1°♑12'22		
	-984 Dec 20 j 23:19	30°℞♐		
inferior conj	-984 Dec 25 j 02:47	25°♐26'25	3°19'33	
minimum elong	-984 Dec 25 j 00:03	25°♐34'50	3°18'58	
min. Earth dist.	-984 Dec 26 j 18:23	23°♐24'18	0.65365 AU	
morning rise	-984 Dec 30 j 15:05	19°♐16'34		
direct	-983 Jan 06 j 05:15	16°♐26'34		
morning max el	-983 Jan 19 j 06:41	24°♐04'01	26°48'18	
desc. node	-983 Jan 22 j 13:18	27°♐34'01		
	-983 Jan 24 j 15:21	0°♑		
	-983 Feb 14 j 04:47	0°♒		
morning set	-983 Feb 24 j 02:33	17°♒47'50		
max. Earth dist.	-983 Feb 28 j 12:31	26°♒26'34	1.34486 AU	
	-983 Mar 02 j 06:43	0°♓		
superior conj	-983 Mar 04 j 15:12	4°♓50'49	-1°-4'-20	
minimum elong	-983 Mar 04 j 18:09	5°♓06'06	1°03'51	
asc. node	-983 Mar 11 j 04:36	18°♓36'11		
evening rise	-983 Mar 12 j 04:23	20°♓39'57		
	-983 Mar 16 j 19:41	0°♈		
evening max el	-983 Mar 31 j 19:47	22°♈18'47	21°15'02	
retrograde	-983 Apr 12 j 16:35	28°♈03'35		
evening set	-983 Apr 15 j 01:42	27°♈50'30		
desc. node	-983 Apr 20 j 12:30	25°♈56'06		
inferior conj	-983 Apr 24 j 09:30	23°♈51'08	-1°-5'-56	
minimum elong	-983 Apr 24 j 06:23	23°♈55'31	1°04'52	
min. Earth dist.	-983 Apr 24 j 19:32	23°♈37'01	0.55034 AU	
morning rise	-983 May 03 j 11:01	19°♈49'00		
direct	-983 May 06 j 14:51	19°♈27'21		
morning max el	-983 May 19 j 08:05	25°♈31'02	22°20'07	
	-983 May 23 j 12:16	0°♉		
asc. node	-983 Jun 07 j 03:53	24°♉00'28		
morning set	-983 Jun 09 j 23:07	29°♉44'22		
	-983 Jun 10 j 02:07	0°♊		
superior conj	-983 Jun 17 j 05:28	15°♊07'12	1°28'39	
minimum elong	-983 Jun 17 j 03:00	14°♊54'12	1°28'22	
max. Earth dist.	-983 Jun 20 j 08:46	21°♊40'15	1.34385 AU	
	-983 Jun 24 j 11:58	0°♋		
evening rise	-983 Jun 25 j 04:44	1°♋22'05		
	-983 Jul 11 j 16:22	0°♌		
desc. node	-983 Jul 17 j 11:49	8°♌26'57		
evening max el	-983 Jul 29 j 22:26	23°♌13'41	27°06'54	
	-983 Aug 08 j 22:12	0°♍		
retrograde	-983 Aug 12 j 05:24	0°♍33'01		
	-983 Aug 15 j 08:34	30°℞♌		
evening set	-983 Aug 19 j 03:32	27°♌47'17		
min. Earth dist.	-983 Aug 22 j 23:47	24°♌02'11	0.65109 AU	
inferior conj	-983 Aug 25 j 01:05	21°♌42'58	-2°-51'-45	
minimum elong	-983 Aug 25 j 05:08	21°♌31'29	2°50'25	
morning rise	-983 Aug 31 j 08:14	16°♌06'48		
direct	-983 Sep 03 j 01:29	15°♌27'02		
asc. node	-983 Sep 03 j 03:04	15°♌27'03		
morning max el	-983 Sep 09 j 14:18	18°♌58'55	18°11'48	
	-983 Sep 17 j 19:16	0°♍		
morning set	-983 Sep 27 j 23:55	16°♍40'14		
	-983 Oct 06 j 02:54	0°♎		
superior conj	-983 Oct 12 j 09:13	10°♎03'13	0°07'04	
minimum elong	-983 Oct 12 j 10:06	10°♎06'45	0°06'57	
behind sun begin	-983 Oct 12 j 00:09	9°♎27'07		
behind sun end	-983 Oct 12 j 20:04	10°♎46'20		
desc. node	-983 Oct 13 j 11:07	11°♎46'03		
max. Earth dist.	-983 Oct 15 j 16:11	15°♎15'55	1.44806 AU	
	-983 Oct 25 j 01:55	0°♏		
evening rise	-983 Oct 28 j 23:08	6°♏02'36		
	-983 Nov 13 j 15:17	0°♐		
greatest brilliancy	-983 Nov 14 j 15:59	1°♐29'27	-0.7m	
evening max el	-983 Nov 22 j 16:38	11°♐44'38	19°40'34	
retrograde	-983 Nov 30 j 01:45	16°♐02'18		
asc. node	-983 Nov 30 j 02:18	16°♐02'18		
evening set	-983 Dec 03 j 12:19	14°♐53'01		
inferior conj	-983 Dec 09 j 02:13	8°♐52'35	2°44'49	
minimum elong	-983 Dec 08 j 23:21	9°♐01'59	2°43'59	
min. Earth dist.	-983 Dec 10 j 03:56	7°♐28'09	0.66446 AU	
morning rise	-983 Dec 14 j 09:42	2°♐38'31		
	-983 Dec 19 j 22:05	30°℞♏		
direct	-983 Dec 20 j 10:55	29°♏58'51		
	-983 Dec 20 j 23:53	0°♐		
morning max el	-982 Jan 01 j 15:56	7°♐13'11	25°39'24	
desc. node	-982 Jan 09 j 10:20	16°♐09'11		
	-982 Jan 19 j 10:45	0°♑		
morning set	-982 Feb 06 j 21:25	0°♒26'26		
	-982 Feb 06 j 15:38	0°♒		
max. Earth dist.	-982 Feb 10 j 17:55	7°♒37'31	1.36051 AU	
superior conj	-982 Feb 16 j 08:36	18°♒36'07	-1°-27'-54	
minimum elong	-982 Feb 16 j 12:14	18°♒54'19	1°27'27	
	-982 Feb 21 j 23:05	0°♓		
evening rise	-982 Feb 24 j 10:04	5°♓01'12		
asc. node	-982 Feb 26 j 01:38	8°♓20'49		
	-982 Mar 10 j 19:53	0°♈		
evening max el	-982 Mar 14 j 04:34	3°♈43'46	19°59'30	
retrograde	-982 Mar 24 j 08:45	8°♈35'53		
evening set	-982 Mar 26 j 12:18	8°♈23'48		
inferior conj	-982 Apr 04 j 08:07	4°♈23'36	0°51'27	
minimum elong	-982 Apr 04 j 10:21	4°♈20'14	0°50'41	
min. Earth dist.	-982 Apr 06 j 09:42	3°♈08'24	0.55566 AU	
desc. node	-982 Apr 07 j 09:31	2°♈33'27		
	-982 Apr 12 j 23:15	30°℞♓		
morning rise	-982 Apr 13 j 05:27	29°♓55'23		
direct	-982 Apr 17 j 05:43	29°♓19'58		
	-982 Apr 21 j 10:49	0°♈		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning max el	-982 May 01 j 01:01	6°♈10'55	24°00'22
	-982 May 18 j 00:11	0°♉	
morning set	-982 May 25 j 10:58	14°♉43'31	
asc. node	-982 May 25 j 00:56	13°♉51'01	
superior conj	-982 Jun 01 j 13:06	29°♉57'22	1°11'45
minimum elong	-982 Jun 01 j 10:37	29°♉43'58	1°11'22
	-982 Jun 01 j 13:35	0°♊	
max. Earth dist.	-982 Jun 03 j 11:17	4°♊05'13	1.33351 AU
evening rise	-982 Jun 08 j 23:59	15°♊35'09	
	-982 Jun 16 j 13:18	0°♋	
desc. node	-982 Jul 04 j 08:50	27°♋24'14	
	-982 Jul 06 j 11:27	0°♌	
evening max el	-982 Jul 12 j 08:57	6°♌21'47	27°25'14
retrograde	-982 Jul 26 j 00:49	13°♌42'43	
evening set	-982 Aug 02 j 05:06	11°♌03'09	
min. Earth dist.	-982 Aug 05 j 20:01	7°♌52'00	0.63596 AU
inferior conj	-982 Aug 08 j 10:42	5°♌11'56	-3°-39'-20
minimum elong	-982 Aug 08 j 15:14	5°♌00'20	3°38'12
	-982 Aug 14 j 21:06	30°℞♋	
morning rise	-982 Aug 15 j 03:29	29°♋53'12	
direct	-982 Aug 17 j 16:18	29°♋21'49	
	-982 Aug 20 j 10:56	0°♌	
asc. node	-982 Aug 21 j 00:07	0°♌16'26	
morning max el	-982 Aug 24 j 05:53	2°♌47'18	17°55'19
morning set	-982 Sep 09 j 23:54	28°♌36'59	
	-982 Sep 10 j 19:01	0°♍	
superior conj	-982 Sep 22 j 08:28	19°♍37'33	0°50'59
minimum elong	-982 Sep 22 j 13:18	19°♍57'27	0°50'21
max. Earth dist.	-982 Sep 28 j 08:32	29°♍22'47	1.43960 AU
	-982 Sep 28 j 17:50	0°♎	
desc. node	-982 Sep 30 j 08:09	2°♎32'36	
evening rise	-982 Oct 08 j 06:28	14°♎56'50	
	-982 Oct 18 j 04:08	0°♏	
greatest brilliancy	-982 Oct 30 j 22:16	18°♏14'23	-0.5m
evening max el	-982 Nov 05 j 18:28	25°♏11'53	20°42'43
	-982 Nov 13 j 05:18	0°♐	
retrograde	-982 Nov 13 j 23:19	0°♐03'02	
	-982 Nov 14 j 17:03	30°℞♏	
asc. node	-982 Nov 16 j 23:20	29°♏11'38	
evening set	-982 Nov 17 j 19:19	28°♏38'44	
inferior conj	-982 Nov 23 j 06:09	22°♏27'18	2°02'27
minimum elong	-982 Nov 23 j 03:42	22°♏35'40	2°01'34
min. Earth dist.	-982 Nov 23 j 19:38	21°♏41'20	0.67161 AU
morning rise	-982 Nov 28 j 11:37	16°♏11'22	
direct	-982 Dec 03 j 21:53	13°♏49'44	
morning max el	-982 Dec 15 j 00:20	20°♏27'15	24°16'09
	-982 Dec 23 j 05:04	0°♐	
desc. node	-982 Dec 27 j 07:23	5°♐27'02	
	-981 Jan 12 j 15:57	0°♑	
morning set	-981 Jan 19 j 19:21	11°♑58'55	
max. Earth dist.	-981 Jan 23 j 14:21	18°♑41'03	1.37988 AU
	-981 Jan 29 j 16:57	0°♒	
superior conj	-981 Jan 30 j 14:31	1°♒43'02	-1°-47'-2
minimum elong	-981 Jan 30 j 17:56	1°♒59'21	1°46'47
evening rise	-981 Feb 08 j 09:25	18°♒57'36	
asc. node	-981 Feb 12 j 22:39	27°♒46'19	
	-981 Feb 14 j 03:30	0°♓	
evening max el	-981 Feb 25 j 00:13	15°♓46'46	19°02'45
retrograde	-981 Mar 05 j 14:18	19°♓54'29	
evening set	-981 Mar 07 j 20:46	19°♓38'25	
inferior conj	-981 Mar 15 j 22:44	15°♓24'20	2°25'46
minimum elong	-981 Mar 16 j 03:15	15°♓16'27	2°24'32
min. Earth dist.	-981 Mar 19 j 01:32	13°♓14'48	0.56936 AU
morning rise	-981 Mar 24 j 05:37	10°♓23'48	
desc. node	-981 Mar 25 j 06:33	10°♓01'15	
direct	-981 Mar 29 j 09:35	9°♓20'42	
morning max el	-981 Apr 12 j 15:51	16°♓42'58	25°36'07
	-981 Apr 23 j 11:50	0°♈	
morning set	-981 May 09 j 22:49	29°♈42'41	
	-981 May 10 j 02:07	0°♉	
asc. node	-981 May 11 j 21:58	3°♉53'19	
superior conj	-981 May 16 j 23:41	14°♉55'31	0°51'16
minimum elong	-981 May 16 j 21:39	14°♉44'24	0°50'53
max. Earth dist.	-981 May 17 j 20:36	16°♉49'38	1.32700 AU
evening rise	-981 May 24 j 02:55	0°♊10'55	
	-981 May 24 j 00:48	0°♊	
	-981 Jun 09 j 15:22	0°♋	
desc. node	-981 Jun 21 j 05:51	15°♋25'45	
evening max el	-981 Jun 24 j 16:07	18°♋57'52	27°12'05
retrograde	-981 Jul 08 j 13:35	26°♋16'29	
evening set	-981 Jul 15 j 15:34	23°♋57'05	
min. Earth dist.	-981 Jul 19 j 06:09	21°♋10'14	0.61759 AU
inferior conj	-981 Jul 22 j 08:31	18°♋21'59	-4°-17'-3
minimum elong	-981 Jul 22 j 12:19	18°♋13'21	4°16'29
morning rise	-981 Jul 29 j 11:48	13°♋23'30	
direct	-981 Jul 31 j 22:40	12°♋57'50	
asc. node	-981 Aug 07 j 21:10	16°♋27'38	
morning max el	-981 Aug 07 j 20:18	16°♋25'29	17°57'16
	-981 Aug 17 j 09:23	0°♌	
morning set	-981 Aug 23 j 19:42	11°♌30'46	
superior conj	-981 Sep 03 j 11:11	0°♍33'06	1°22'26
minimum elong	-981 Sep 03 j 15:58	0°♍53'50	1°21'58
	-981 Sep 03 j 03:33	0°♍	
max. Earth dist.	-981 Sep 10 j 20:30	13°♍01'57	1.42523 AU
desc. node	-981 Sep 17 j 05:11	23°♍17'23	
evening rise	-981 Sep 17 j 16:38	24°♍02'34	
	-981 Sep 21 j 12:21	0°♎	
	-981 Oct 12 j 06:32	0°♏	
greatest brilliancy	-981 Oct 14 j 19:52	3°♏14'37	-0.4m
evening max el	-981 Oct 19 j 14:30	8°♏39'57	21°55'53
retrograde	-981 Oct 28 j 19:34	14°♏08'31	
evening set	-981 Nov 02 j 03:10	12°♏27'05	
asc. node	-981 Nov 03 j 20:22	10°♏50'02	
inferior conj	-981 Nov 07 j 12:32	6°♏08'14	1°14'28
minimum elong	-981 Nov 07 j 10:53	6°♏13'55	1°13'47
min. Earth dist.	-981 Nov 07 j 14:59	5°♏59'44	0.67536 AU
morning rise	-981 Nov 12 j 18:22	29°♎52'59	
	-981 Nov 12 j 15:06	30°℞♎	
direct	-981 Nov 17 j 13:22	27°♎53'14	
	-981 Nov 23 j 02:28	0°♏	
morning max el	-981 Nov 27 j 10:16	3°♏45'13	22°48'35
greatest brilliancy	-981 Dec 02 j 03:07	9°♏01'09	-0.3m
desc. node	-981 Dec 14 j 04:26	25°♏15'27	
	-981 Dec 17 j 10:07	0°♐	
morning set	-981 Dec 31 j 14:10	22°♐09'51	
	-980 Jan 05 j 06:13	0°♑	
max. Earth dist.	-980 Jan 05 j 09:54	0°♑15'47	1.40100 AU
superior conj	-980 Jan 13 j 04:31	14°♑00'08	-1°-58'-37
minimum elong	-980 Jan 13 j 06:08	14°♑07'32	1°58'35
	-980 Jan 21 j 17:42	0°♒	
evening rise	-980 Jan 22 j 23:33	2°♒22'03	
asc. node	-980 Jan 30 j 19:41	16°♒46'08	
evening max el	-980 Feb 08 j 04:27	28°♒21'53	18°25'58
	-980 Feb 10 j 02:29	0°♓	
retrograde	-980 Feb 15 j 14:42	2°♓01'11	
evening set	-980 Feb 18 j 01:42	1°♓38'23	
	-980 Feb 21 j 11:39	30°℞♒	
inferior conj	-980 Feb 25 j 10:11	27°♒03'46	3°24'25

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-980 Feb	25 j 13:38	26°♒56'45	3°23'50
min. Earth dist.	-980 Feb	28 j 20:29	24°♒17'37	0.58840 AU
morning rise	-980 Mar	03 j 21:53	21°♒36'17	
direct	-980 Mar	10 j 02:41	19°♒56'09	
desc. node	-980 Mar	11 j 03:35	19°♒58'56	
morning max el	-980 Mar	24 j 10:10	27°♒34'48	26°52'15
	-980 Mar	26 j 18:26	0°♓	
	-980 Apr	15 j 23:35	0°♈	
morning set	-980 Apr	23 j 09:04	14°♈36'15	
asc. node	-980 Apr	27 j 19:01	24°♈02'46	
superior conj	-980 Apr	30 j 11:26	29°♈55'22	0°28'03
minimum elong	-980 Apr	30 j 10:13	29°♈48'42	0°27'48
max. Earth dist.	-980 Apr	30 j 09:24	29°♈44'09	1.32415 AU
	-980 Apr	30 j 12:17	0°♉	
evening rise	-980 May	07 j 10:56	15°♉00'36	
	-980 May	15 j 00:56	0°♊	
	-980 Jun	04 j 20:20	0°♋	
evening max el	-980 Jun	05 j 17:29	0°♋51'34	26°25'58
desc. node	-980 Jun	07 j 02:51	2°♋08'05	
retrograde	-980 Jun	19 j 18:03	8°♋06'25	
evening set	-980 Jun	26 j 06:24	6°♋19'54	
min. Earth dist.	-980 Jun	30 j 06:38	3°♋42'01	0.59727 AU
inferior conj	-980 Jul	03 j 14:57	1°♋03'49	-4°-37'-36
minimum elong	-980 Jul	03 j 16:12	1°♋01'21	4°37'34
	-980 Jul	04 j 23:38	30°℞♊	
morning rise	-980 Jul	11 j 05:21	26°♊27'49	
direct	-980 Jul	13 j 16:31	26°♊05'55	
morning max el	-980 Jul	21 j 06:34	29°♊45'27	18°18'45
	-980 Jul	21 j 12:35	0°♋	
asc. node	-980 Jul	24 j 18:14	3°♋45'15	
morning set	-980 Aug	06 j 05:55	25°♋06'48	
	-980 Aug	08 j 19:34	0°♌	
superior conj	-980 Aug	15 j 14:45	12°♌42'40	1°40'39
minimum elong	-980 Aug	15 j 17:31	12°♌55'16	1°40'30
max. Earth dist.	-980 Aug	23 j 03:20	26°♌01'58	1.40680 AU
	-980 Aug	25 j 11:29	0°♍	
evening rise	-980 Aug	27 j 21:51	4°♍02'20	
desc. node	-980 Sep	03 j 02:13	13°♍56'52	
	-980 Sep	13 j 19:12	0°♎	
greatest brilliancy	-980 Sep	24 j 22:45	15°♎02'10	-0.2m
evening max el	-980 Oct	01 j 05:33	22°♎09'38	23°15'14
retrograde	-980 Oct	11 j 13:06	28°♎15'51	
evening set	-980 Oct	16 j 10:12	26°♎15'52	
asc. node	-980 Oct	20 j 17:25	21°♎22'23	
inferior conj	-980 Oct	21 j 19:31	19°♎53'13	0°22'29
minimum elong	-980 Oct	21 j 18:59	19°♎55'03	0°22'14
min. Earth dist.	-980 Oct	21 j 11:33	20°♎20'36	0.67594 AU
morning rise	-980 Oct	27 j 03:48	13°♎41'17	
direct	-980 Oct	31 j 08:21	12°♎03'59	
morning max el	-980 Nov	09 j 01:19	17°♎10'38	21°25'11
greatest brilliancy	-980 Nov	14 j 05:11	23°♎06'11	-0.4m
	-980 Nov	19 j 10:00	0°♏	
desc. node	-980 Nov	30 j 01:28	15°♏25'20	
	-980 Dec	09 j 13:15	0°♐	
morning set	-980 Dec	10 j 04:15	0°♐59'07	
max. Earth dist.	-980 Dec	17 j 11:30	12°♐44'54	1.42099 AU
superior conj	-980 Dec	24 j 21:02	25°♐12'59	-1°-58'-36
minimum elong	-980 Dec	24 j 18:55	25°♐03'52	1°58'34
	-980 Dec	27 j 14:58	0°♑	
evening rise	-979 Jan	05 j 00:52	15°♑05'55	
	-979 Jan	13 j 10:11	0°♒	
asc. node	-979 Jan	16 j 16:44	5°♒11'11	
evening max el	-979 Jan	21 j 14:07	11°♒19'11	18°09'03
retrograde	-979 Jan	28 j 08:18	14°♒46'03	
evening set	-979 Jan	30 j 23:13	14°♒15'18	
inferior conj	-979 Feb	06 j 17:13	9°♒18'41	3°50'25
minimum elong	-979 Feb	06 j 18:17	9°♒16'08	3°50'21
min. Earth dist.	-979 Feb	09 j 21:36	6°♒19'54	0.60919 AU
morning rise	-979 Feb	13 j 10:37	3°♒32'21	
direct	-979 Feb	20 j 06:30	1°♒16'30	
desc. node	-979 Feb	26 j 00:37	2°♒43'41	
morning max el	-979 Mar	06 j 10:42	9°♒03'44	27°36'58
	-979 Mar	22 j 13:25	0°♓	
morning set	-979 Apr	07 j 15:51	29°♓16'58	
	-979 Apr	08 j 00:11	0°♈	
max. Earth dist.	-979 Apr	13 j 21:44	12°♈34'24	1.32479 AU
superior conj	-979 Apr	14 j 22:39	14°♈50'18	0°02'55
minimum elong	-979 Apr	14 j 22:31	14°♈49'35	0°02'54
behind sun begin	-979 Apr	14 j 17:32	14°♈22'21	
behind sun end	-979 Apr	15 j 03:30	15°♈16'51	
asc. node	-979 Apr	14 j 16:04	14°♈14'22	
evening rise	-979 Apr	21 j 21:46	29°♈55'42	
	-979 Apr	21 j 22:35	0°♉	
	-979 May	08 j 13:57	0°♊	
evening max el	-979 May	18 j 12:02	12°♊01'05	25°11'30
desc. node	-979 May	24 j 23:52	16°♊59'43	
retrograde	-979 Jun	01 j 12:34	19°♊09'42	
evening set	-979 Jun	06 j 22:31	18°♊01'52	
min. Earth dist.	-979 Jun	11 j 23:48	15°♊15'17	0.57726 AU
inferior conj	-979 Jun	15 j 02:35	13°♊07'47	-4°-30'-18
minimum elong	-979 Jun	14 j 23:36	13°♊12'55	4°30'02
morning rise	-979 Jun	23 j 04:35	8°♊54'04	
direct	-979 Jun	25 j 17:23	8°♊34'53	
morning max el	-979 Jul	04 j 09:50	12°♊38'45	19°00'48
asc. node	-979 Jul	11 j 15:19	21°♊55'00	
	-979 Jul	16 j 07:09	0°♋	
morning set	-979 Jul	21 j 02:24	9°♋14'16	
superior conj	-979 Jul	29 j 13:33	25°♋50'48	1°47'32
minimum elong	-979 Jul	29 j 14:04	25°♋53'17	1°47'32
	-979 Jul	31 j 17:57	0°♌	
max. Earth dist.	-979 Aug	05 j 06:26	8°♌19'51	1.38675 AU
evening rise	-979 Aug	09 j 04:13	15°♌13'47	
	-979 Aug	18 j 02:40	0°♍	
desc. node	-979 Aug	20 j 23:15	4°♍26'55	
	-979 Sep	08 j 12:18	0°♎	
evening max el	-979 Sep	13 j 17:34	5°♎42'34	24°34'39
retrograde	-979 Sep	25 j 02:59	12°♎22'01	
evening set	-979 Sep	30 j 14:45	10°♎03'43	
min. Earth dist.	-979 Oct	05 j 06:58	4°♎42'38	0.67332 AU
inferior conj	-979 Oct	06 j 01:24	3°♎41'03	0°-31'-57
minimum elong	-979 Oct	06 j 02:11	3°♎38'26	0°31'38
asc. node	-979 Oct	07 j 14:28	1°♎39'32	
	-979 Oct	08 j 23:32	30°℞♍	
morning rise	-979 Oct	11 j 14:00	27°♍35'08	
direct	-979 Oct	15 j 05:44	26°♍18'23	
	-979 Oct	22 j 04:43	0°♎	
morning max el	-979 Oct	22 j 23:49	0°♎46'50	20°12'03
greatest brilliancy	-979 Oct	29 j 20:55	9°♎07'37	-0.6m
	-979 Nov	13 j 02:49	0°♏	
desc. node	-979 Nov	16 j 22:33	5°♏51'01	
morning set	-979 Nov	19 j 01:40	9°♏08'12	
max. Earth dist.	-979 Nov	29 j 20:46	26°♏06'37	1.43699 AU
	-979 Dec	02 j 06:46	0°♐	
superior conj	-979 Dec	05 j 11:23	5°♐12'11	-1°-42'-39
minimum elong	-979 Dec	05 j 04:46	4°♐45'03	1°42'11
evening rise	-979 Dec	18 j 09:17	27°♐02'01	
	-979 Dec	20 j 02:23	0°♑	
asc. node	-978 Jan	03 j 13:46	22°♑51'37	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening max el	-978 Jan 05 j 02:22	24°♑31'49	18°11'31
retrograde	-978 Jan 11 j 14:35	27°♑59'39	
evening set	-978 Jan 14 j 09:26	27°♑20'02	
inferior conj	-978 Jan 20 j 16:15	22°♑02'37	3°51'34
minimum elong	-978 Jan 20 j 15:14	22°♑05'22	3°51'30
min. Earth dist.	-978 Jan 23 j 07:45	19°♑13'53	0.62889 AU
morning rise	-978 Jan 26 j 19:07	16°♑03'56	
direct	-978 Feb 02 j 19:18	13°♑22'59	
desc. node	-978 Feb 12 j 21:41	17°♑48'47	
morning max el	-978 Feb 16 j 16:57	21°♑13'39	27°44'51
	-978 Feb 24 j 08:42	0°♒	
	-978 Mar 15 j 14:27	0°♓	
morning set	-978 Mar 22 j 16:56	13°♓37'23	
max. Earth dist.	-978 Mar 28 j 05:35	25°♓06'08	1.32917 AU
superior conj	-978 Mar 30 j 07:37	29°♓34'37	0°-23'-20
minimum elong	-978 Mar 30 j 08:43	29°♓40'32	0°23'07
	-978 Mar 30 j 12:20	0°♈	
asc. node	-978 Apr 01 j 13:07	4°♈24'09	
evening rise	-978 Apr 06 j 09:33	14°♈49'31	
	-978 Apr 14 j 01:07	0°♉	
evening max el	-978 Apr 30 j 02:49	22°♉41'16	23°39'52
desc. node	-978 May 11 j 20:53	29°♉23'48	
retrograde	-978 May 13 j 19:19	29°♉32'20	
evening set	-978 May 17 j 18:57	28°♉57'17	
min. Earth dist.	-978 May 24 j 13:32	25°♉47'16	0.56084 AU
inferior conj	-978 May 26 j 18:04	24°♉28'07	-3°-43'-10
minimum elong	-978 May 26 j 11:29	24°♉38'06	3°41'43
morning rise	-978 Jun 04 j 07:39	20°♉30'29	
direct	-978 Jun 06 j 22:45	20°♉13'06	
morning max el	-978 Jun 17 j 03:28	24°♉56'05	20°03'41
	-978 Jun 21 j 15:46	0°♊	
asc. node	-978 Jun 28 j 12:23	10°♊44'27	
morning set	-978 Jul 05 j 06:00	23°♊44'21	
	-978 Jul 08 j 07:40	0°♋	
superior conj	-978 Jul 13 j 02:13	9°♋41'39	1°45'26
minimum elong	-978 Jul 13 j 01:01	9°♋35'42	1°45'23
max. Earth dist.	-978 Jul 18 j 10:44	20°♋10'29	1.36769 AU
evening rise	-978 Jul 22 j 09:44	27°♋32'48	
	-978 Jul 23 j 18:21	0°♌	
desc. node	-978 Aug 07 j 20:16	24°♌41'48	
	-978 Aug 11 j 11:43	0°♍	
evening max el	-978 Aug 27 j 04:45	19°♍17'39	25°46'54
retrograde	-978 Sep 08 j 12:26	26°♍21'08	
evening set	-978 Sep 14 j 14:54	23°♍47'15	
min. Earth dist.	-978 Sep 18 j 22:52	19°♍02'31	0.66744 AU
inferior conj	-978 Sep 20 j 04:24	17°♍28'31	-1°-27'-19
minimum elong	-978 Sep 20 j 06:34	17°♍21'36	1°26'26
asc. node	-978 Sep 24 j 11:32	12°♍37'50	
morning rise	-978 Sep 25 j 23:00	11°♍31'30	
direct	-978 Sep 29 j 04:04	10°♍32'00	
morning max el	-978 Oct 06 j 05:37	14°♍31'36	19°12'40
	-978 Oct 17 j 18:53	0°♎	
morning set	-978 Oct 29 j 06:15	17°♎45'43	
desc. node	-978 Nov 03 j 19:35	26°♎27'00	
	-978 Nov 06 j 02:00	0°♏	
max. Earth dist.	-978 Nov 12 j 11:43	10°♏03'57	1.44696 AU
superior conj	-978 Nov 15 j 00:09	14°♏02'56	-1°-8'-41
minimum elong	-978 Nov 14 j 16:26	13°♏32'23	1°07'50
	-978 Nov 24 j 22:38	0°♐	
evening rise	-978 Nov 29 j 20:17	8°♐01'41	
	-978 Dec 13 j 11:17	0°♑	
evening max el	-978 Dec 19 j 14:30	7°♑53'45	18°32'41
asc. node	-978 Dec 21 j 10:47	9°♑34'38	
retrograde	-978 Dec 26 j 05:12	11°♑33'30	
evening set	-978 Dec 29 j 04:53	10°♑43'49	
inferior conj	-977 Jan 04 j 03:22	5°♑07'44	3°35'01
minimum elong	-977 Jan 04 j 01:02	5°♑14'38	3°34'38
min. Earth dist.	-977 Jan 06 j 03:44	2°♑45'30	0.64567 AU
	-977 Jan 08 j 17:44	30°℞♐	
morning rise	-977 Jan 09 j 19:53	29°♐01'04	
direct	-977 Jan 16 j 15:40	26°♐09'55	
	-977 Jan 25 j 16:03	0°♑	
morning max el	-977 Jan 30 j 02:07	3°♑55'57	27°17'32
desc. node	-977 Jan 30 j 18:46	4°♑38'07	
	-977 Feb 18 j 19:37	0°♒	
morning set	-977 Mar 06 j 09:29	27°♒28'19	
	-977 Mar 07 j 16:20	0°♓	
max. Earth dist.	-977 Mar 11 j 04:54	7°♓07'08	1.33775 AU
superior conj	-977 Mar 14 j 12:29	14°♓02'19	0°-49'-39
minimum elong	-977 Mar 14 j 14:48	14°♓14'36	0°49'14
asc. node	-977 Mar 19 j 10:09	24°♓28'00	
evening rise	-977 Mar 21 j 20:30	29°♓36'00	
	-977 Mar 22 j 01:06	0°♈	
	-977 Apr 08 j 17:23	0°♉	
evening max el	-977 Apr 11 j 20:34	3°♉21'12	22°05'38
retrograde	-977 Apr 24 j 13:58	9°♉34'39	
evening set	-977 Apr 27 j 08:33	9°♉17'37	
desc. node	-977 Apr 28 j 17:55	8°♉56'57	
min. Earth dist.	-977 May 06 j 02:49	5°♉32'01	0.55149 AU
inferior conj	-977 May 06 j 17:31	5°♉11'18	-2°-12'-22
minimum elong	-977 May 06 j 11:43	5°♉19'29	2°10'31
morning rise	-977 May 15 j 16:26	1°♉15'45	
direct	-977 May 18 j 13:15	0°♉57'18	
morning max el	-977 May 30 j 10:03	6°♉31'17	21°25'50
asc. node	-977 Jun 15 j 09:28	0°♊03'51	
	-977 Jun 15 j 08:40	0°♊	
morning set	-977 Jun 19 j 14:20	8°♊30'39	
superior conj	-977 Jun 27 j 00:36	24°♊03'07	1°36'23
minimum elong	-977 Jun 26 j 22:25	23°♊51'45	1°36'12
	-977 Jun 29 j 22:06	0°♋	
max. Earth dist.	-977 Jun 30 j 22:21	2°♋02'19	1.35151 AU
evening rise	-977 Jul 05 j 09:36	10°♋47'07	
	-977 Jul 16 j 05:36	0°♌	
desc. node	-977 Jul 25 j 17:15	14°♌34'39	
	-977 Aug 06 j 21:36	0°♍	
evening max el	-977 Aug 09 j 16:29	2°♍51'04	26°43'57
retrograde	-977 Aug 22 j 16:46	10°♍07'14	
evening set	-977 Aug 29 j 08:31	7°♍23'36	
min. Earth dist.	-977 Sep 02 j 08:52	3°♍16'36	0.65813 AU
inferior conj	-977 Sep 04 j 02:33	1°♍12'49	-2°-21'-44
minimum elong	-977 Sep 04 j 06:01	1°♍02'31	2°20'28
	-977 Sep 05 j 03:19	30°℞♌	
morning rise	-977 Sep 10 j 04:43	25°♌27'49	
asc. node	-977 Sep 11 j 08:37	24°♌58'09	
direct	-977 Sep 13 j 01:32	24°♌41'51	
morning max el	-977 Sep 19 j 17:07	28°♌21'31	18°29'04
	-977 Sep 21 j 05:19	0°♍	
morning set	-977 Oct 09 j 12:02	27°♍40'12	
	-977 Oct 10 j 22:41	0°♎	
desc. node	-977 Oct 21 j 16:36	17°♎09'31	
superior conj	-977 Oct 25 j 00:19	22°♎23'59	0°-21'-30
minimum elong	-977 Oct 24 j 21:28	22°♎12'46	0°21'09
max. Earth dist.	-977 Oct 26 j 05:47	24°♎19'55	1.44984 AU
	-977 Oct 29 j 20:20	0°♏	
evening rise	-977 Nov 10 j 07:13	18°♏01'12	
	-977 Nov 17 j 21:27	0°♐	
greatest brilliancy	-977 Nov 22 j 08:37	6°♐56'18	-0.7m
evening max el	-977 Dec 03 j 00:08	21°♐20'07	19°11'16

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

asc. node	-977 Dec 08 j 07:50	25°♐05'15	
retrograde	-977 Dec 10 j 00:32	25°♐21'16	
evening set	-977 Dec 13 j 06:39	24°♐19'40	
inferior conj	-977 Dec 18 j 23:07	18°♐27'29	3°05'54
minimum elong	-977 Dec 18 j 20:15	18°♐36'34	3°05'10
min. Earth dist.	-977 Dec 20 j 08:44	16°♐40'50	0.65875 AU
morning rise	-977 Dec 24 j 09:00	12°♐15'39	
direct	-977 Dec 30 j 18:11	9°♐28'30	
morning max el	-976 Jan 12 j 11:32	16°♐57'47	26°21'18
desc. node	-976 Jan 17 j 15:49	22°♐41'16	
	-976 Jan 23 j 09:17	0°♑	
	-976 Feb 11 j 16:57	0°♒	
morning set	-976 Feb 17 j 13:37	10°♒37'09	
max. Earth dist.	-976 Feb 21 j 16:46	18°♒32'55	1.35094 AU
superior conj	-976 Feb 26 j 10:51	28°♒05'33	-1°-14'-44
minimum elong	-976 Feb 26 j 14:10	28°♒22'31	1°14'14
	-976 Feb 27 j 09:09	0°♓	
evening rise	-976 Mar 05 j 04:41	14°♓08'14	
asc. node	-976 Mar 05 j 07:10	14°♓21'02	
	-976 Mar 13 j 10:08	0°♈	
evening max el	-976 Mar 23 j 23:06	14°♈25'40	20°40'54
retrograde	-976 Apr 04 j 02:48	19°♈47'14	
evening set	-976 Apr 06 j 08:05	19°♈35'22	
desc. node	-976 Apr 14 j 14:57	16°♈08'25	
inferior conj	-976 Apr 15 j 12:06	15°♈38'08	0°-15'-2
minimum elong	-976 Apr 15 j 11:24	15°♈39'09	0°14'48
transit middle	-976 Apr 15 j 11:24	15°♈39'09	0°14'48
transit begin	-976 Apr 15 j 09:55	15°♈41'16	
transit end	-976 Apr 15 j 12:52	15°♈37'02	
min. Earth dist.	-976 Apr 16 j 16:20	14°♈57'35	0.55145 AU
morning rise	-976 Apr 24 j 13:13	11°♈26'35	
direct	-976 Apr 28 j 00:43	11°♈00'22	
morning max el	-976 May 11 j 06:35	17°♈25'51	23°02'19
	-976 May 21 j 08:51	0°♉	
asc. node	-976 Jun 01 j 06:30	19°♉44'31	
morning set	-976 Jun 03 j 01:22	23°♉26'19	
	-976 Jun 06 j 03:38	0°♊	
superior conj	-976 Jun 10 j 05:33	8°♊44'32	1°21'59
minimum elong	-976 Jun 10 j 03:01	8°♊30'59	1°21'39
max. Earth dist.	-976 Jun 12 j 19:49	14°♊13'58	1.33901 AU
evening rise	-976 Jun 17 j 22:55	24°♊41'52	
	-976 Jun 20 j 16:25	0°♋	
	-976 Jul 08 j 17:51	0°♌	
desc. node	-976 Jul 11 j 14:16	3°♌55'41	
evening max el	-976 Jul 22 j 04:11	16°♌12'36	27°18'21
retrograde	-976 Aug 04 j 15:25	23°♌32'33	
evening set	-976 Aug 11 j 16:53	20°♌48'16	
min. Earth dist.	-976 Aug 15 j 10:39	17°♌18'05	0.64512 AU
inferior conj	-976 Aug 17 j 17:32	14°♌49'11	-3°-12'-47
minimum elong	-976 Aug 17 j 21:54	14°♌37'20	3°11'29
morning rise	-976 Aug 24 j 04:37	9°♌19'44	
direct	-976 Aug 26 j 19:44	8°♌43'47	
asc. node	-976 Aug 28 j 05:41	8°♌54'15	
morning max el	-976 Sep 02 j 07:57	12°♌11'56	18°02'31
	-976 Sep 14 j 14:38	0°♍	
morning set	-976 Sep 19 j 22:00	8°♍57'10	
	-976 Oct 02 j 14:52	0°♎	
superior conj	-976 Oct 03 j 10:08	1°♎17'44	0°26'57
minimum elong	-976 Oct 03 j 13:13	1°♎30'11	0°26'32
desc. node	-976 Oct 07 j 13:37	7°♎55'39	
max. Earth dist.	-976 Oct 08 j 00:16	8°♎37'53	1.44536 AU
evening rise	-976 Oct 19 j 21:24	27°♎11'35	
	-976 Oct 21 j 17:06	0°♏	
greatest brilliancy	-976 Nov 08 j 07:13	26°♏14'49	-0.6m
	-976 Nov 11 j 02:42	0°♐	
evening max el	-976 Nov 15 j 05:17	4°♐48'11	20°05'26
retrograde	-976 Nov 22 j 21:56	9°♐18'51	
asc. node	-976 Nov 24 j 04:52	9°♐09'20	
evening set	-976 Nov 26 j 12:21	8°♐03'19	
inferior conj	-976 Dec 02 j 00:45	1°♐57'54	2°27'39
minimum elong	-976 Dec 01 j 22:00	2°♐07'05	2°26'45
min. Earth dist.	-976 Dec 02 j 21:03	0°♐50'01	0.66800 AU
	-976 Dec 03 j 12:13	30°♑♏	
morning rise	-976 Dec 07 j 07:05	25°♏43'02	
direct	-976 Dec 13 j 02:11	23°♏10'23	
	-976 Dec 24 j 16:21	0°♐	
morning max el	-976 Dec 24 j 20:12	0°♐09'40	25°05'07
desc. node	-975 Jan 03 j 12:51	11°♐36'40	
	-975 Jan 16 j 07:26	0°♑	
morning set	-975 Jan 30 j 00:17	22°♑49'34	
max. Earth dist.	-975 Feb 02 j 17:51	29°♑37'46	1.36845 AU
	-975 Feb 02 j 22:37	0°♒	
superior conj	-975 Feb 08 j 23:51	11°♒36'08	-1°-36'-44
minimum elong	-975 Feb 09 j 03:32	11°♒54'15	1°36'20
evening rise	-975 Feb 17 j 07:59	28°♒20'05	
	-975 Feb 18 j 03:57	0°♓	
asc. node	-975 Feb 20 j 04:12	3°♓58'28	
evening max el	-975 Mar 06 j 12:39	26°♓06'50	19°32'53
	-975 Mar 12 j 09:29	0°♈	
retrograde	-975 Mar 15 j 23:23	0°♈38'17	
evening set	-975 Mar 18 j 03:53	0°♈24'49	
	-975 Mar 19 j 17:04	30°♓♓	
inferior conj	-975 Mar 26 j 16:19	26°♓19'36	1°35'32
minimum elong	-975 Mar 26 j 20:01	26°♓13'41	1°34'22
min. Earth dist.	-975 Mar 29 j 06:39	24°♓40'09	0.56068 AU
desc. node	-975 Apr 01 j 11:59	22°♓50'01	
morning rise	-975 Apr 04 j 08:35	21°♓38'00	
direct	-975 Apr 08 j 20:26	20°♓52'33	
morning max el	-975 Apr 22 j 21:42	27°♓57'59	24°42'37
	-975 Apr 24 j 21:58	0°♈	
	-975 May 14 j 10:16	0°♉	
morning set	-975 May 18 j 13:24	8°♉25'51	
asc. node	-975 May 19 j 03:31	9°♉40'24	
superior conj	-975 May 25 j 14:38	23°♉38'17	1°03'26
minimum elong	-975 May 25 j 12:18	23°♉25'33	1°03'02
max. Earth dist.	-975 May 27 j 01:48	26°♉48'37	1.33032 AU
	-975 May 28 j 13:26	0°♊	
evening rise	-975 Jun 01 j 21:47	9°♊05'16	
	-975 Jun 13 j 01:43	0°♋	
desc. node	-975 Jun 28 j 11:17	22°♋31'19	
evening max el	-975 Jul 04 j 13:38	29°♋08'24	27°23'41
	-975 Jul 05 j 11:49	0°♌	
retrograde	-975 Jul 18 j 07:46	6°♌27'53	
evening set	-975 Jul 25 j 12:30	3°♌55'08	
min. Earth dist.	-975 Jul 29 j 02:28	0°♌56'03	0.62851 AU
	-975 Jul 30 j 01:56	30°♋♋	
inferior conj	-975 Jul 31 j 22:31	28°♋10'49	-3°-56'-55
minimum elong	-975 Aug 01 j 02:55	28°♋00'05	3°55'59
morning rise	-975 Aug 07 j 19:40	23°♋00'23	
direct	-975 Aug 10 j 07:29	22°♋31'35	
asc. node	-975 Aug 15 j 02:45	24°♋20'02	
morning max el	-975 Aug 16 j 23:21	25°♋56'32	17°53'54
	-975 Aug 20 j 09:56	0°♌	
morning set	-975 Sep 02 j 07:09	21°♌20'23	
	-975 Sep 07 j 04:59	0°♍	
superior conj	-975 Sep 13 j 20:56	11°♍26'24	1°05'59
minimum elong	-975 Sep 14 j 02:09	11°♍48'17	1°05'23
max. Earth dist.	-975 Sep 20 j 15:36	22°♍37'16	1.43414 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-975 Sep 24 j 10:38	28°♍41'50	
	-975 Sep 25 j 06:23	0°♎	
evening rise	-975 Sep 29 j 03:38	6°♎05'00	
	-975 Oct 15 j 02:10	0°♏	
greatest brilliancy	-975 Oct 23 j 22:21	12°♏08'15	-0.4m
evening max el	-975 Oct 29 j 04:37	18°♏15'46	21°12'38
retrograde	-975 Nov 06 j 19:10	23°♏22'26	
evening set	-975 Nov 10 j 19:57	21°♏50'50	
asc. node	-975 Nov 11 j 01:56	21°♏39'02	
inferior conj	-975 Nov 16 j 05:58	15°♏35'37	1°42'41
minimum elong	-975 Nov 16 j 03:49	15°♏43'02	1°41'50
min. Earth dist.	-975 Nov 16 j 14:32	15°♏06'09	0.67365 AU
morning rise	-975 Nov 21 j 11:20	9°♏19'50	
direct	-975 Nov 26 j 14:59	7°♏07'33	
morning max el	-975 Dec 07 j 05:02	13°♏25'57	23°38'53
	-975 Dec 20 j 14:14	0°♐	
desc. node	-975 Dec 21 j 09:53	1°♐08'45	
	-974 Jan 09 j 04:51	0°♑	
morning set	-974 Jan 11 j 11:19	3°♑48'41	
max. Earth dist.	-974 Jan 15 j 13:18	10°♑52'02	1.38889 AU
superior conj	-974 Jan 22 j 23:33	24°♑23'01	-1°-53'-5
minimum elong	-974 Jan 23 j 02:26	24°♑36'32	1°52'56
	-974 Jan 25 j 22:33	0°♒	
evening rise	-974 Feb 01 j 03:49	12°♒03'54	
asc. node	-974 Feb 07 j 01:14	23°♒14'01	
	-974 Feb 11 j 00:25	0°♓	
evening max el	-974 Feb 17 j 12:09	8°♓23'43	18°44'33
retrograde	-974 Feb 25 j 13:08	12°♓17'47	
evening set	-974 Feb 27 j 21:24	11°♓59'08	
inferior conj	-974 Mar 07 j 15:38	7°♓36'26	2°55'06
minimum elong	-974 Mar 07 j 19:59	7°♓28'18	2°54'06
min. Earth dist.	-974 Mar 10 j 23:28	5°♓08'42	0.57700 AU
morning rise	-974 Mar 15 j 14:30	2°♓23'11	
desc. node	-974 Mar 19 j 09:01	1°♓13'49	
direct	-974 Mar 21 j 05:39	1°♓05'13	
morning max el	-974 Apr 04 j 13:39	8°♓35'55	26°11'54
	-974 Apr 20 j 15:45	0°♈	
morning set	-974 May 03 j 00:48	23°♈23'44	
asc. node	-974 May 06 j 00:34	29°♈46'30	
	-974 May 06 j 03:04	0°♉	
superior conj	-974 May 10 j 01:56	8°♉38'02	0°41'42
minimum elong	-974 May 10 j 00:13	8°♉28'34	0°41'22
max. Earth dist.	-974 May 10 j 13:04	9°♉39'02	1.32529 AU
evening rise	-974 May 17 j 03:09	23°♉47'51	
	-974 May 20 j 04:15	0°♊	
	-974 Jun 06 j 23:37	0°♋	
desc. node	-974 Jun 15 j 08:18	10°♋02'44	
evening max el	-974 Jun 16 j 18:22	11°♋26'48	26°56'22
retrograde	-974 Jun 30 j 17:20	18°♋44'34	
evening set	-974 Jul 07 j 15:14	16°♋37'26	
min. Earth dist.	-974 Jul 11 j 08:07	13°♋56'54	0.60902 AU
inferior conj	-974 Jul 14 j 14:14	11°♋10'08	-4°-28'-29
minimum elong	-974 Jul 14 j 17:12	11°♋03'46	4°28'09
morning rise	-974 Jul 21 j 22:14	6°♋21'29	
direct	-974 Jul 24 j 09:00	5°♋57'37	
morning max el	-974 Jul 31 j 12:29	9°♋28'47	18°04'05
asc. node	-974 Aug 01 j 23:48	11°♋01'46	
	-974 Aug 13 j 22:27	0°♌	
morning set	-974 Aug 16 j 09:42	4°♌33'57	
superior conj	-974 Aug 26 j 10:57	22°♌56'04	1°31'41
minimum elong	-974 Aug 26 j 15:00	23°♌13'58	1°31'21
	-974 Aug 30 j 12:06	0°♍	
max. Earth dist.	-974 Sep 03 j 01:16	6°♍00'48	1.41769 AU
evening rise	-974 Sep 08 j 20:26	15°♍29'52	
desc. node	-974 Sep 11 j 07:41	19°♍25'08	
	-974 Sep 18 j 04:35	0°♎	
greatest brilliancy	-974 Oct 07 j 03:30	26°♎22'04	-0.3m
	-974 Oct 10 j 06:44	0°♏	
evening max el	-974 Oct 11 j 22:15	1°♏44'12	22°29'04
retrograde	-974 Oct 21 j 14:37	7°♏29'37	
evening set	-974 Oct 26 j 03:42	5°♏40'21	
asc. node	-974 Oct 28 j 22:59	2°♏45'24	
	-974 Oct 31 j 01:01	30°℞♎	
inferior conj	-974 Oct 31 j 12:51	29°♎19'07	0°52'49
minimum elong	-974 Oct 31 j 11:39	29°♎23'16	0°52'18
min. Earth dist.	-974 Oct 31 j 10:47	29°♎26'15	0.67599 AU
morning rise	-974 Nov 05 j 19:29	23°♎04'49	
direct	-974 Nov 10 j 08:04	21°♎14'55	
morning max el	-974 Nov 19 j 16:54	26°♎47'35	22°12'07
	-974 Nov 22 j 15:36	0°♏	
greatest brilliancy	-974 Nov 24 j 09:31	2°♏04'45	-0.4m
desc. node	-974 Dec 08 j 06:57	21°♏07'24	
	-974 Dec 14 j 04:56	0°♐	
morning set	-974 Dec 22 j 17:37	13°♐23'46	
max. Earth dist.	-974 Dec 28 j 10:37	22°♐47'51	1.40984 AU
	-973 Jan 01 j 15:53	0°♑	
superior conj	-973 Jan 05 j 05:06	6°♑14'25	-2°00'-17
minimum elong	-973 Jan 05 j 05:22	6°♑15'36	2°00'19
evening rise	-973 Jan 15 j 13:00	25°♑12'21	
	-973 Jan 18 j 02:48	0°♒	
asc. node	-973 Jan 24 j 22:17	12°♒00'29	
evening max el	-973 Jan 31 j 19:03	21°♒09'26	18°16'19
retrograde	-973 Feb 07 j 21:17	24°♒41'46	
evening set	-973 Feb 10 j 09:51	24°♒15'51	
inferior conj	-973 Feb 17 j 11:48	19°♒32'07	3°38'59
minimum elong	-973 Feb 17 j 14:17	19°♒26'44	3°38'41
min. Earth dist.	-973 Feb 20 j 20:59	16°♒37'09	0.59720 AU
morning rise	-973 Feb 24 j 15:19	13°♒55'19	
direct	-973 Mar 03 j 03:50	11°♒58'55	
desc. node	-973 Mar 06 j 06:04	12°♒24'00	
morning max el	-973 Mar 17 j 10:38	19°♒42'57	27°15'37
	-973 Mar 26 j 05:23	0°♓	
	-973 Apr 13 j 08:11	0°♈	
morning set	-973 Apr 17 j 09:48	8°♈12'53	
asc. node	-973 Apr 22 j 21:36	19°♈57'34	
max. Earth dist.	-973 Apr 24 j 01:59	22°♈32'47	1.32388 AU
superior conj	-973 Apr 24 j 13:40	23°♈36'48	0°17'35
minimum elong	-973 Apr 24 j 12:53	23°♈32'30	0°17'25
	-973 Apr 27 j 11:38	0°♉	
evening rise	-973 May 01 j 12:35	8°♉40'40	
	-973 May 12 j 15:17	0°♊	
evening max el	-973 May 29 j 16:38	23°♊00'52	25°57'20
desc. node	-973 Jun 02 j 05:20	26°♊02'33	
	-973 Jun 10 j 07:17	0°♋	
retrograde	-973 Jun 12 j 18:16	0°♋14'39	
	-973 Jun 15 j 04:49	30°℞♊	
evening set	-973 Jun 18 j 20:37	28°♊44'29	
min. Earth dist.	-973 Jun 23 j 05:16	26°♊04'50	0.58844 AU
inferior conj	-973 Jun 26 j 13:01	23°♊36'58	-4°-38'-43
minimum elong	-973 Jun 26 j 12:37	23°♊37'44	4°38'43
morning rise	-973 Jul 04 j 08:20	19°♊10'50	
direct	-973 Jul 06 j 19:51	18°♊50'22	
morning max el	-973 Jul 14 j 20:11	22°♊38'57	18°34'07
asc. node	-973 Jul 19 j 20:52	28°♊43'18	
	-973 Jul 20 j 17:34	0°♋	
morning set	-973 Jul 31 j 00:42	18°♋24'14	
	-973 Aug 06 j 00:59	0°♌	
superior conj	-973 Aug 08 j 23:23	5°♌32'23	1°44'49

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-973 Aug 09 j 01:09	5°♌40'39	1°44'44
max. Earth dist.	-973 Aug 16 j 05:30	18°♌39'47	1.39826 AU
evening rise	-973 Aug 20 j 12:10	25°♌59'30	
	-973 Aug 22 j 22:06	0°♍	
desc. node	-973 Aug 29 j 04:43	10°♍01'08	
	-973 Sep 11 j 21:16	0°♎	
evening max el	-973 Sep 24 j 11:42	15°♎15'11	23°49'29
retrograde	-973 Oct 05 j 06:48	21°♎36'54	
evening set	-973 Oct 10 j 09:54	19°♎29'13	
inferior conj	-973 Oct 15 j 19:37	13°♎05'58	0°00'-21
minimum elong	-973 Oct 15 j 19:37	13°♎05'57	0°00'23
transit middle	-973 Oct 15 j 19:37	13°♎05'57	0°00'23
transit begin	-973 Oct 15 j 16:54	13°♎15'12	
transit end	-973 Oct 15 j 22:20	12°♎56'43	
min. Earth dist.	-973 Oct 15 j 07:17	13°♎47'56	0.67517 AU
asc. node	-973 Oct 15 j 20:03	13°♎04'29	
morning rise	-973 Oct 21 j 05:29	6°♎55'58	
direct	-973 Oct 25 j 04:19	5°♎27'39	
morning max el	-973 Nov 02 j 10:54	10°♎17'25	20°52'30
greatest brilliancy	-973 Nov 08 j 05:30	17°♎03'40	-0.5m
	-973 Nov 17 j 12:19	0°♏	
desc. node	-973 Nov 25 j 04:01	11°♏25'01	
morning set	-973 Dec 01 j 22:14	21°♏48'59	
	-973 Dec 07 j 02:44	0°♐	
max. Earth dist.	-973 Dec 10 j 15:04	5°♐39'24	1.42842 AU
superior conj	-973 Dec 17 j 11:02	16°♐57'52	-1°-54'-1
minimum elong	-973 Dec 17 j 06:56	16°♐40'33	1°53'51
	-973 Dec 25 j 00:28	0°♑	
evening rise	-973 Dec 29 j 07:43	7°♑37'32	
asc. node	-972 Jan 11 j 19:20	0°♒08'51	
	-972 Jan 11 j 16:45	0°♒	
evening max el	-972 Jan 15 j 06:17	4°♒15'32	18°07'48
retrograde	-972 Jan 21 j 20:42	7°♒40'57	
evening set	-972 Jan 24 j 13:18	7°♒06'32	
inferior conj	-972 Jan 31 j 02:12	2°♒01'11	3°53'25
minimum elong	-972 Jan 31 j 02:18	2°♒00'56	3°53'25
	-972 Feb 02 j 02:43	30°℞♑	
min. Earth dist.	-972 Feb 03 j 01:47	29°♑04'02	0.61789 AU
morning rise	-972 Feb 06 j 12:56	26°♑09'08	
direct	-972 Feb 13 j 12:06	23°♑40'35	
desc. node	-972 Feb 21 j 03:08	26°♑13'43	
	-972 Feb 25 j 23:45	0°♒	
morning max el	-972 Feb 27 j 13:40	1°♒30'03	27°44'44
	-972 Mar 19 j 09:52	0°♓	
morning set	-972 Mar 31 j 14:27	22°♓46'25	
	-972 Apr 04 j 01:41	0°♈	
max. Earth dist.	-972 Apr 06 j 12:46	5°♈16'41	1.32617 AU
superior conj	-972 Apr 08 j 00:10	8°♈28'44	0°-8'-8
minimum elong	-972 Apr 08 j 00:33	8°♈30'48	0°08'04
behind sun begin	-972 Apr 07 j 20:07	8°♈06'41	
behind sun end	-972 Apr 08 j 04:58	8°♈54'55	
asc. node	-972 Apr 08 j 18:39	10°♈09'28	
evening rise	-972 Apr 15 j 00:04	23°♈36'41	
	-972 Apr 18 j 02:11	0°♉	
	-972 May 06 j 16:21	0°♊	
evening max el	-972 May 10 j 09:09	3°♊56'02	24°33'50
desc. node	-972 May 19 j 02:19	9°♊56'04	
retrograde	-972 May 24 j 07:49	10°♊58'39	
evening set	-972 May 29 j 03:19	10°♊06'32	
min. Earth dist.	-972 Jun 03 j 20:48	7°♊11'18	0.56964 AU
inferior conj	-972 Jun 06 j 16:02	5°♊22'56	-4°-15'-46
minimum elong	-972 Jun 06 j 11:13	5°♊30'46	4°15'04
morning rise	-972 Jun 14 j 22:57	1°♊16'47	
direct	-972 Jun 17 j 12:35	0°♊58'30	
morning max el	-972 Jun 26 j 19:32	5°♊17'38	19°24'58

asc. node	-972 Jul 05 j 17:56	17°♊11'16	
	-972 Jul 12 j 15:51	0°♋	
morning set	-972 Jul 14 j 00:31	2°♋42'03	
superior conj	-972 Jul 22 j 04:35	18°♋59'46	1°47'36
minimum elong	-972 Jul 22 j 04:17	18°♋58'20	1°47'36
	-972 Jul 27 j 23:03	0°♌	
max. Earth dist.	-972 Jul 28 j 08:20	0°♌42'57	1.37843 AU
evening rise	-972 Aug 01 j 04:52	7°♌40'52	
	-972 Aug 14 j 19:04	0°♍	
desc. node	-972 Aug 15 j 01:44	0°♍25'18	
evening max el	-972 Sep 05 j 23:17	28°♍49'45	25°06'53
	-972 Sep 07 j 04:44	0°♎	
retrograde	-972 Sep 17 j 18:44	5°♎40'12	
evening set	-972 Sep 23 j 12:47	3°♎15'04	
	-972 Sep 26 j 14:36	30°℞♍	
min. Earth dist.	-972 Sep 28 j 01:31	28°♍09'04	0.67121 AU
inferior conj	-972 Sep 29 j 00:29	26°♍53'47	0°-55'-25
minimum elong	-972 Sep 29 j 01:51	26°♍49'17	0°54'51
asc. node	-972 Oct 01 j 17:07	23°♍32'16	
morning rise	-972 Oct 04 j 15:24	20°♍51'08	
direct	-972 Oct 08 j 02:24	19°♍41'58	
morning max el	-972 Oct 15 j 12:28	23°♍56'46	19°44'56
	-972 Oct 20 j 14:55	0°♎	
greatest brilliancy	-972 Oct 23 j 12:53	3°♎59'25	-0.6m
morning set	-972 Nov 09 j 19:35	0°♏01'20	
	-972 Nov 09 j 19:15	0°♏	
desc. node	-972 Nov 11 j 01:04	1°♏55'30	
max. Earth dist.	-972 Nov 22 j 03:16	19°♏19'17	1.44206 AU
superior conj	-972 Nov 26 j 13:51	26°♏25'57	-1°-30'-23
minimum elong	-972 Nov 26 j 06:03	25°♏54'33	1°29'41
	-972 Nov 28 j 18:42	0°♐	
evening rise	-972 Dec 10 j 07:28	19°♐10'27	
	-972 Dec 16 j 17:02	0°♑	
asc. node	-972 Dec 28 j 16:23	17°♑26'59	
evening max el	-972 Dec 28 j 18:52	17°♑33'21	18°18'18
retrograde	-971 Jan 04 j 07:00	21°♑04'39	
evening set	-971 Jan 07 j 03:52	20°♑20'45	
inferior conj	-971 Jan 13 j 06:49	14°♑55'02	3°46'20
minimum elong	-971 Jan 13 j 05:08	14°♑59'44	3°46'09
min. Earth dist.	-971 Jan 15 j 15:53	12°♑16'19	0.63651 AU
morning rise	-971 Jan 19 j 04:49	8°♑52'51	
direct	-971 Jan 26 j 04:09	6°♑05'53	
desc. node	-971 Feb 07 j 00:12	12°♑07'32	
morning max el	-971 Feb 08 j 21:19	13°♑54'44	27°37'13
	-971 Feb 21 j 22:21	0°♒	
	-971 Mar 11 j 22:45	0°♓	
morning set	-971 Mar 15 j 12:16	6°♓55'27	
max. Earth dist.	-971 Mar 20 j 17:31	17°♓37'09	1.33239 AU
superior conj	-971 Mar 23 j 07:37	23°♓06'52	0°-34'-33
minimum elong	-971 Mar 23 j 09:15	23°♓15'36	0°34'14
asc. node	-971 Mar 26 j 15:42	0°♈17'24	
	-971 Mar 26 j 12:28	0°♈	
evening rise	-971 Mar 30 j 11:43	8°♈28'29	
	-971 Apr 10 j 20:26	0°♉	
evening max el	-971 Apr 22 j 00:21	14°♉32'21	22°59'08
retrograde	-971 May 05 j 08:36	21°♉09'14	
desc. node	-971 May 05 j 23:20	21°♉08'23	
evening set	-971 May 08 j 18:39	20°♉43'39	
min. Earth dist.	-971 May 16 j 09:46	17°♉20'22	0.55591 AU
inferior conj	-971 May 17 j 23:41	16°♉25'30	-3°-9'-30
minimum elong	-971 May 17 j 16:44	16°♉35'35	3°07'38
morning rise	-971 May 26 j 17:46	12°♉30'59	
direct	-971 May 29 j 10:55	12°♉13'29	
morning max el	-971 Jun 09 j 08:21	17°♉16'44	20°36'29

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-971 Jun 19 j 01:58	0°♊	
asc. node	-971 Jun 22 j 14:59	6°♊14'32	
morning set	-971 Jun 28 j 06:23	17°♊20'02	
	-971 Jul 04 j 09:40	0°♋	
superior conj	-971 Jul 05 j 21:48	3°♋04'55	1°42'19
minimum elong	-971 Jul 05 j 20:06	2°♋56'16	1°42'14
max. Earth dist.	-971 Jul 10 j 15:34	12°♋32'39	1.36039 AU
evening rise	-971 Jul 14 j 18:48	20°♋24'59	
	-971 Jul 20 j 02:47	0°♌	
desc. node	-971 Aug 01 j 22:42	20°♌31'57	
	-971 Aug 08 j 17:52	0°♍	
evening max el	-971 Aug 19 j 10:44	12°♍25'27	26°13'33
retrograde	-971 Sep 01 j 01:51	19°♍34'55	
evening set	-971 Sep 07 j 10:25	16°♍55'55	
min. Earth dist.	-971 Sep 11 j 15:04	12°♍27'24	0.66392 AU
inferior conj	-971 Sep 13 j 01:39	10°♍40'24	-1°-50'-38
minimum elong	-971 Sep 13 j 04:23	10°♍31'53	1°49'34
morning rise	-971 Sep 18 j 23:17	4°♍48'16	
asc. node	-971 Sep 18 j 14:10	5°♍02'15	
direct	-971 Sep 22 j 00:38	3°♍54'53	
morning max el	-971 Sep 28 j 20:59	7°♍44'32	18°52'12
	-971 Oct 14 j 14:40	0°♎	
morning set	-971 Oct 20 j 09:43	9°♎09'12	
desc. node	-971 Oct 28 j 22:05	22°♎34'55	
	-971 Nov 02 j 15:19	0°♏	
max. Earth dist.	-971 Nov 04 j 20:33	3°♏29'22	1.44908 AU
superior conj	-971 Nov 05 j 18:47	4°♏56'55	0°-49'-41
minimum elong	-971 Nov 05 j 12:33	4°♏32'21	0°48'56
evening rise	-971 Nov 21 j 08:24	29°♏45'02	
	-971 Nov 21 j 12:06	0°♐	
	-971 Dec 11 j 08:44	0°♑	
evening max el	-971 Dec 12 j 06:12	0°♑57'37	18°46'59
asc. node	-971 Dec 15 j 13:24	3°♑41'21	
retrograde	-971 Dec 19 j 00:07	4°♑45'28	
evening set	-971 Dec 22 j 02:21	3°♑50'50	
	-971 Dec 26 j 08:15	30°℞♐	
inferior conj	-971 Dec 27 j 22:00	28°♐07'15	3°23'59
minimum elong	-971 Dec 27 j 19:21	28°♐15'20	3°23'26
min. Earth dist.	-971 Dec 29 j 15:48	25°♐59'45	0.65171 AU
morning rise	-970 Jan 02 j 11:16	21°♐58'03	
direct	-970 Jan 09 j 02:59	19°♐07'27	
morning max el	-970 Jan 22 j 07:04	26°♐47'37	26°56'43
desc. node	-970 Jan 24 j 21:16	29°♐31'34	
	-970 Jan 25 j 07:29	0°♑	
	-970 Feb 15 j 12:52	0°♒	
morning set	-970 Feb 27 j 00:04	20°♒30'08	
max. Earth dist.	-970 Mar 03 j 12:30	29°♒24'25	1.34290 AU
	-970 Mar 03 j 19:32	0°♓	
superior conj	-970 Mar 07 j 10:01	7°♓24'59	-1°00'-32
minimum elong	-970 Mar 07 j 12:49	7°♓39'34	1°00'03
asc. node	-970 Mar 13 j 12:43	20°♓17'18	
evening rise	-970 Mar 14 j 21:45	23°♓09'54	
	-970 Mar 18 j 06:14	0°♈	
evening max el	-970 Apr 03 j 21:06	25°♈19'34	21°27'40
	-970 Apr 10 j 12:08	0°♉	
retrograde	-970 Apr 15 j 23:44	1°♉12'20	
evening set	-970 Apr 18 j 10:41	0°♉58'35	
	-970 Apr 21 j 18:38	30°℞♈	
desc. node	-970 Apr 22 j 20:23	29°♈32'59	
inferior conj	-970 Apr 27 j 19:15	26°♈57'50	-1°-23'-56
minimum elong	-970 Apr 27 j 15:20	27°♈03'20	1°22'34
min. Earth dist.	-970 Apr 27 j 22:49	26°♈52'50	0.55031 AU
morning rise	-970 May 06 j 20:23	22°♈58'05	
direct	-970 May 09 j 21:58	22°♈37'34	
morning max el	-970 May 22 j 10:22	28°♈33'42	22°05'45
	-970 May 23 j 21:28	0°♉	
asc. node	-970 Jun 09 j 12:01	25°♉43'47	
	-970 Jun 11 j 14:41	0°♊	
morning set	-970 Jun 12 j 16:04	2°♊11'11	
superior conj	-970 Jun 19 j 23:19	17°♊36'09	1°30'50
minimum elong	-970 Jun 19 j 20:54	17°♊23'29	1°30'36
max. Earth dist.	-970 Jun 23 j 07:18	24°♊31'30	1.34566 AU
	-970 Jun 26 j 00:24	0°♋	
evening rise	-970 Jun 28 j 00:53	3°♋57'52	
	-970 Jul 12 j 22:00	0°♌	
desc. node	-970 Jul 19 j 19:42	10°♌12'49	
evening max el	-970 Aug 01 j 22:21	25°♌54'21	27°01'45
	-970 Aug 06 j 19:16	0°♍	
retrograde	-970 Aug 15 j 03:50	3°♍13'25	
evening set	-970 Aug 22 j 00:26	0°♍27'49	
	-970 Aug 22 j 13:41	30°℞♌	
min. Earth dist.	-970 Aug 25 j 21:40	26°♌37'09	0.65302 AU
inferior conj	-970 Aug 27 j 21:00	24°♌21'37	-2°-44'00
minimum elong	-970 Aug 28 j 00:55	24°♌10'23	2°42'41
morning rise	-970 Sep 03 j 02:51	18°♌43'10	
asc. node	-970 Sep 05 j 11:14	18°♌02'51	
direct	-970 Sep 05 j 20:54	18°♌01'57	
morning max el	-970 Sep 12 j 10:17	21°♌35'39	18°15'44
	-970 Sep 18 j 22:45	0°♍	
morning set	-970 Oct 01 j 03:42	19°♍39'26	
	-970 Oct 07 j 11:33	0°♎	
superior conj	-970 Oct 15 j 20:19	13°♎24'10	0°00'-19
minimum elong	-970 Oct 15 j 20:17	13°♎24'01	0°00'21
behind sun begin	-970 Oct 15 j 09:15	12°♎40'19	
behind sun end	-970 Oct 16 j 07:18	14°♎07'40	
desc. node	-970 Oct 15 j 19:04	13°♎19'13	
max. Earth dist.	-970 Oct 18 j 15:01	17°♎47'40	1.44875 AU
	-970 Oct 26 j 09:49	0°♏	
evening rise	-970 Nov 01 j 09:32	9°♏20'46	
	-970 Nov 14 j 18:41	0°♐	
greatest brilliancy	-970 Nov 17 j 02:00	3°♐24'44	-0.7m
evening max el	-970 Nov 25 j 14:00	14°♐24'14	19°32'32
asc. node	-970 Dec 02 j 10:27	18°♐36'31	
retrograde	-970 Dec 02 j 20:46	18°♐37'34	
evening set	-970 Dec 06 j 06:04	17°♐30'23	
inferior conj	-970 Dec 11 j 20:34	11°♐31'59	2°50'40
minimum elong	-970 Dec 11 j 17:41	11°♐41'23	2°49'49
min. Earth dist.	-970 Dec 13 j 00:19	10°♐01'38	0.66307 AU
morning rise	-970 Dec 17 j 04:34	5°♐18'21	
direct	-970 Dec 23 j 07:55	2°♐36'23	
morning max el	-969 Jan 04 j 16:25	9°♐55'24	25°50'49
desc. node	-969 Jan 11 j 18:20	17°♐59'09	
	-969 Jan 20 j 14:50	0°♑	
	-969 Feb 08 j 02:07	0°♒	
morning set	-969 Feb 09 j 21:35	3°♒17'43	
max. Earth dist.	-969 Feb 13 j 19:31	10°♒38'57	1.35785 AU
superior conj	-969 Feb 19 j 04:50	21°♒15'44	-1°-24'-35
minimum elong	-969 Feb 19 j 08:25	21°♒33'45	1°24'06
	-969 Feb 23 j 11:36	0°♓	
evening rise	-969 Feb 27 j 04:11	7°♓34'42	
asc. node	-969 Feb 28 j 09:46	10°♓04'45	
	-969 Mar 11 j 14:50	0°♈	
evening max el	-969 Mar 17 j 04:20	6°♈39'57	20°09'42
retrograde	-969 Mar 27 j 14:41	11°♈39'33	
evening set	-969 Mar 29 j 18:18	11°♈27'44	
inferior conj	-969 Apr 07 j 16:31	7°♈28'53	0°34'31
minimum elong	-969 Apr 07 j 18:03	7°♈26'35	0°33'59
min. Earth dist.	-969 Apr 09 j 13:01	6°♈22'28	0.55428 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-969 Apr 09 j 17:26	6°♈15'58	
morning rise	-969 Apr 16 j 15:10	3°♈05'10	
direct	-969 Apr 20 j 11:48	2°♈32'33	
morning max el	-969 May 04 j 04:11	9°♈17'36	23°45'16
	-969 May 19 j 08:06	0°♉	
asc. node	-969 May 27 j 09:04	15°♉32'08	
morning set	-969 May 28 j 03:46	17°♉09'52	
	-969 Jun 03 j 03:30	0°♊	
superior conj	-969 Jun 04 j 06:21	2°♊24'43	1°14'34
minimum elong	-969 Jun 04 j 03:51	2°♊11'11	1°14'12
max. Earth dist.	-969 Jun 06 j 08:29	6°♊52'52	1.33483 AU
evening rise	-969 Jun 11 j 18:45	18°♊06'58	
	-969 Jun 17 j 23:20	0°♋	
desc. node	-969 Jul 06 j 16:42	29°♋16'54	
	-969 Jul 07 j 06:12	0°♌	
evening max el	-969 Jul 15 j 09:17	9°♌06'27	27°24'23
retrograde	-969 Jul 29 j 00:10	16°♌27'23	
evening set	-969 Aug 05 j 03:54	13°♌46'13	
min. Earth dist.	-969 Aug 08 j 19:27	10°♌30'17	0.63845 AU
inferior conj	-969 Aug 11 j 08:07	7°♌52'46	-3°-32'-40
minimum elong	-969 Aug 11 j 12:38	7°♌41'00	3°31'28
morning rise	-969 Aug 17 j 23:24	2°♌31'05	
direct	-969 Aug 20 j 12:41	1°♌58'39	
asc. node	-969 Aug 23 j 08:17	2°♌38'29	
morning max el	-969 Aug 27 j 01:45	5°♌24'42	17°56'34
	-969 Sep 12 j 04:13	0°♍	
morning set	-969 Sep 13 j 00:13	1°♍26'18	
superior conj	-969 Sep 25 j 15:44	22°♍46'58	0°45'02
minimum elong	-969 Sep 25 j 20:15	23°♍05'28	0°44'28
	-969 Sep 30 j 02:32	0°♎	
max. Earth dist.	-969 Oct 01 j 07:50	1°♎57'18	1.44131 AU
desc. node	-969 Oct 02 j 16:05	4°♎05'40	
evening rise	-969 Oct 11 j 18:04	18°♎17'38	
	-969 Oct 19 j 10:09	0°♏	
greatest brilliancy	-969 Nov 02 j 14:44	20°♏33'07	-0.5m
evening max el	-969 Nov 08 j 16:44	27°♏51'46	20°32'45
	-969 Nov 10 j 23:41	0°♐	
retrograde	-969 Nov 16 j 18:17	2°♐37'23	
asc. node	-969 Nov 19 j 07:31	2°♐00'10	
evening set	-969 Nov 20 j 12:46	1°♐15'29	
	-969 Nov 21 j 23:50	30°℞♏	
inferior conj	-969 Nov 25 j 23:58	25°♏05'37	2°09'17
minimum elong	-969 Nov 25 j 21:26	25°♏14'15	2°08'23
min. Earth dist.	-969 Nov 26 j 15:13	24°♏13'53	0.67077 AU
morning rise	-969 Dec 01 j 05:35	18°♏49'52	
direct	-969 Dec 06 j 18:12	16°♏25'07	
morning max el	-969 Dec 18 j 00:45	23°♏08'37	24°29'02
	-969 Dec 24 j 02:24	0°♐	
desc. node	-969 Dec 29 j 15:22	7°♐11'29	
	-968 Jan 13 j 23:51	0°♑	
morning set	-968 Jan 22 j 22:59	15°♑00'56	
max. Earth dist.	-968 Jan 26 j 16:47	21°♑40'55	1.37680 AU
	-968 Jan 31 j 04:26	0°♒	
superior conj	-968 Feb 02 j 12:43	4°♒29'07	-1°-44'-33
minimum elong	-968 Feb 02 j 16:15	4°♒46'08	1°44'15
evening rise	-968 Feb 11 j 04:38	21°♒35'11	
asc. node	-968 Feb 15 j 06:49	29°♒33'41	
	-968 Feb 15 j 12:22	0°♓	
evening max el	-968 Feb 27 j 22:32	18°♓37'40	19°10'00
retrograde	-968 Mar 07 j 17:35	22°♓50'55	
evening set	-968 Mar 09 j 23:31	22°♓35'35	
inferior conj	-968 Mar 18 j 04:14	18°♓24'09	2°13'41
minimum elong	-968 Mar 18 j 08:39	18°♓16'36	2°12'24
min. Earth dist.	-968 Mar 21 j 04:23	16°♓21'59	0.56691 AU
morning rise	-968 Mar 26 j 13:45	13°♓28'30	
desc. node	-968 Mar 26 j 14:30	13°♓27'48	
direct	-968 Mar 31 j 13:41	12°♓30'19	
morning max el	-968 Apr 14 j 18:50	19°♓48'38	25°22'41
	-968 Apr 23 j 10:25	0°♈	
	-968 May 10 j 14:59	0°♉	
morning set	-968 May 11 j 15:45	2°♉09'23	
asc. node	-968 May 13 j 06:06	5°♉32'58	
superior conj	-968 May 18 j 16:38	17°♉22'00	0°54'35
minimum elong	-968 May 18 j 14:31	17°♉10'23	0°54'11
max. Earth dist.	-968 May 19 j 17:07	19°♉35'23	1.32780 AU
	-968 May 24 j 13:54	0°♊	
evening rise	-968 May 25 j 20:46	2°♊40'02	
	-968 Jun 09 j 19:51	0°♋	
desc. node	-968 Jun 22 j 13:45	17°♋28'06	
evening max el	-968 Jun 26 j 17:14	21°♋48'22	27°16'07
retrograde	-968 Jul 10 j 13:53	29°♋06'56	
evening set	-968 Jul 17 j 16:53	26°♋43'46	
min. Earth dist.	-968 Jul 21 j 07:09	23°♋54'04	0.62051 AU
inferior conj	-968 Jul 24 j 07:55	21°♋06'15	-4°-12'-19
minimum elong	-968 Jul 24 j 11:56	20°♋56'57	4°11'38
morning rise	-968 Jul 31 j 09:35	16°♋04'28	
direct	-968 Aug 02 j 20:38	15°♋38'02	
asc. node	-968 Aug 09 j 05:20	18°♋38'13	
morning max el	-968 Aug 09 j 16:30	19°♋04'43	17°55'46
	-968 Aug 17 j 15:53	0°♌	
morning set	-968 Aug 25 j 17:30	14°♌13'02	
	-968 Sep 03 j 13:45	0°♍	
superior conj	-968 Sep 05 j 14:25	3°♍30'45	1°18'33
minimum elong	-968 Sep 05 j 19:24	3°♍52'08	1°18'02
max. Earth dist.	-968 Sep 12 j 20:56	15°♍43'05	1.42770 AU
desc. node	-968 Sep 18 j 13:07	24°♍51'08	
evening rise	-968 Sep 20 j 02:44	27°♍19'18	
	-968 Sep 21 j 19:54	0°♎	
	-968 Oct 12 j 06:20	0°♏	
greatest brilliancy	-968 Oct 16 j 17:06	5°♏47'26	-0.4m
evening max el	-968 Oct 21 j 13:42	11°♏20'12	21°44'26
retrograde	-968 Oct 30 j 14:49	16°♏42'49	
evening set	-968 Nov 03 j 20:37	15°♏03'57	
asc. node	-968 Nov 05 j 04:34	13°♏51'44	
inferior conj	-968 Nov 09 j 06:07	8°♏45'59	1°22'01
minimum elong	-968 Nov 09 j 04:20	8°♏52'10	1°21'18
min. Earth dist.	-968 Nov 09 j 10:08	8°♏32'07	0.67505 AU
morning rise	-968 Nov 14 j 11:46	2°♏30'37	
direct	-968 Nov 19 j 09:02	0°♏27'33	
morning max el	-968 Nov 29 j 10:16	6°♏26'10	23°01'32
greatest brilliancy	-968 Dec 04 j 06:25	11°♏51'27	-0.3m
desc. node	-968 Dec 15 j 12:25	26°♏56'03	
	-968 Dec 17 j 15:11	0°♐	
morning set	-967 Jan 02 j 22:06	25°♐24'20	
	-967 Jan 05 j 15:47	0°♑	
max. Earth dist.	-967 Jan 07 j 12:08	3°♑09'37	1.39791 AU
superior conj	-967 Jan 15 j 05:24	16°♑54'16	-1°-57'-30
minimum elong	-967 Jan 15 j 07:25	17°♑03'32	1°57'28
	-967 Jan 22 j 04:40	0°♒	
evening rise	-967 Jan 24 j 20:21	5°♒04'45	
asc. node	-967 Feb 01 j 03:53	18°♒37'45	
	-967 Feb 08 j 23:17	0°♓	
evening max el	-967 Feb 10 j 01:35	1°♓07'51	18°30'08
retrograde	-967 Feb 17 j 15:15	4°♓50'27	
evening set	-967 Feb 20 j 01:34	4°♓28'44	
	-967 Feb 27 j 11:02	30°℞♒	
inferior conj	-967 Feb 27 j 12:28	29°♒57'08	3°17'47
minimum elong	-967 Feb 27 j 16:13	29°♒49'41	3°17'06

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

min. Earth dist.	-967 Mar 02 j 22:33	27°♒15'08	0.58537 AU
morning rise	-967 Mar 07 j 03:05	24°♒33'09	
direct	-967 Mar 13 j 04:37	22°♒58'54	
desc. node	-967 Mar 13 j 11:33	22°♒59'07	
	-967 Mar 26 j 21:32	0°♓	
morning max el	-967 Mar 27 j 12:20	0°♓35'28	26°42'47
	-967 Apr 17 j 08:42	0°♈	
morning set	-967 Apr 26 j 02:21	17°♈04'01	
asc. node	-967 Apr 30 j 03:10	25°♈41'29	
	-967 May 02 j 02:29	0°♉	
superior conj	-967 May 03 j 04:19	2°♉21'41	0°31'44
minimum elong	-967 May 03 j 02:57	2°♉14'13	0°31'26
max. Earth dist.	-967 May 03 j 05:41	2°♉29'14	1.32435 AU
evening rise	-967 May 10 j 04:09	17°♉27'51	
	-967 May 16 j 10:52	0°♊	
	-967 Jun 05 j 03:51	0°♋	
evening max el	-967 Jun 08 j 19:31	3°♋48'32	26°34'47
desc. node	-967 Jun 09 j 10:47	4°♋24'17	
retrograde	-967 Jun 22 j 19:35	11°♋03'57	
evening set	-967 Jun 29 j 10:55	9°♋11'46	
min. Earth dist.	-967 Jul 03 j 08:47	6°♋33'52	0.60035 AU
inferior conj	-967 Jul 06 j 16:52	3°♋52'50	-4°-36'-5
minimum elong	-967 Jul 06 j 18:38	3°♋49'16	4°35'59
	-967 Jul 12 j 07:17	30°℞♊	
morning rise	-967 Jul 14 j 05:37	29°♊13'33	
direct	-967 Jul 16 j 16:40	28°♊51'08	
	-967 Jul 20 j 21:22	0°♋	
morning max el	-967 Jul 24 j 03:36	2°♋28'00	18°14'19
asc. node	-967 Jul 27 j 02:24	5°♋46'46	
morning set	-967 Aug 09 j 01:52	27°♋43'32	
	-967 Aug 10 j 06:44	0°♌	
superior conj	-967 Aug 18 j 14:38	15°♌30'21	1°38'41
minimum elong	-967 Aug 18 j 17:45	15°♌44'26	1°38'28
max. Earth dist.	-967 Aug 26 j 04:36	28°♌49'48	1.40968 AU
	-967 Aug 26 j 21:09	0°♍	
evening rise	-967 Aug 31 j 04:25	7°♍08'59	
desc. node	-967 Sep 05 j 10:08	15°♍31'36	
	-967 Sep 14 j 23:53	0°♎	
greatest brilliancy	-967 Sep 28 j 19:48	18°♎45'50	-0.2m
evening max el	-967 Oct 04 j 05:19	24°♎49'24	23°03'12
	-967 Oct 10 j 22:39	0°♏	
retrograde	-967 Oct 14 j 08:53	0°♏50'21	
	-967 Oct 17 j 12:55	30°℞♎	
evening set	-967 Oct 19 j 03:54	28°♎53'03	
asc. node	-967 Oct 23 j 01:37	24°♎31'36	
inferior conj	-967 Oct 24 j 13:07	22°♎30'38	0°30'32
minimum elong	-967 Oct 24 j 12:25	22°♎33'05	0°30'14
min. Earth dist.	-967 Oct 24 j 06:38	22°♎52'56	0.67606 AU
morning rise	-967 Oct 29 j 20:56	16°♎18'05	
direct	-967 Nov 03 j 03:29	14°♎37'39	
morning max el	-967 Nov 12 j 00:27	19°♎50'45	21°37'04
greatest brilliancy	-967 Nov 17 j 00:18	25°♎32'41	-0.4m
	-967 Nov 20 j 10:51	0°♏	
desc. node	-967 Dec 02 j 09:27	17°♏03'15	
	-967 Dec 10 j 20:54	0°♐	
morning set	-967 Dec 13 j 16:11	4°♐24'49	
max. Earth dist.	-967 Dec 20 j 12:43	15°♐30'51	1.41824 AU
superior conj	-967 Dec 28 j 01:28	28°♐17'30	-1°-59'-32
minimum elong	-967 Dec 28 j 00:01	28°♐11'13	1°59'33
	-967 Dec 29 j 00:57	0°♑	
evening rise	-966 Jan 07 j 23:50	17°♑55'21	
	-966 Jan 14 j 16:31	0°♒	
asc. node	-966 Jan 19 j 00:55	7°♒08'42	
evening max el	-966 Jan 24 j 10:35	14°♒02'08	18°10'16
retrograde	-966 Jan 31 j 06:33	17°♒30'07	
evening set	-966 Feb 02 j 20:50	17°♒00'40	
inferior conj	-966 Feb 09 j 16:47	12°♒07'17	3°48'13
minimum elong	-966 Feb 09 j 18:13	12°♒03'57	3°48'07
min. Earth dist.	-966 Feb 12 j 22:40	9°♒08'40	0.60609 AU
morning rise	-966 Feb 16 j 12:41	6°♒23'04	
direct	-966 Feb 23 j 06:55	4°♒12'02	
desc. node	-966 Feb 28 j 08:36	5°♒19'41	
morning max el	-966 Mar 09 j 12:03	11°♒58'46	27°32'42
	-966 Mar 23 j 16:56	0°♓	
	-966 Apr 09 j 12:52	0°♈	
morning set	-966 Apr 10 j 09:47	1°♈47'20	
max. Earth dist.	-966 Apr 16 j 18:21	15°♈21'07	1.32438 AU
asc. node	-966 Apr 17 j 00:14	15°♈53'17	
superior conj	-966 Apr 17 j 15:42	17°♈17'53	0°06'50
minimum elong	-966 Apr 17 j 15:24	17°♈16'10	0°06'46
behind sun begin	-966 Apr 17 j 10:48	16°♈51'04	
behind sun end	-966 Apr 17 j 19:59	17°♈41'17	
	-966 Apr 23 j 11:49	0°♉	
evening rise	-966 Apr 24 j 14:40	2°♉22'38	
	-966 May 09 j 14:47	0°♊	
evening max el	-966 May 21 j 14:56	15°♊04'16	25°24'05
desc. node	-966 May 27 j 07:48	19°♊35'26	
retrograde	-966 Jun 04 j 15:58	22°♊14'46	
evening set	-966 Jun 10 j 06:34	21°♊01'06	
min. Earth dist.	-966 Jun 15 j 02:49	18°♊16'56	0.58005 AU
inferior conj	-966 Jun 18 j 07:31	16°♊03'22	-4°-33'-47
minimum elong	-966 Jun 18 j 05:13	16°♊07'24	4°33'38
morning rise	-966 Jun 26 j 07:47	11°♊46'43	
direct	-966 Jun 28 j 20:13	11°♊27'15	
morning max el	-966 Jul 07 j 08:10	15°♊26'36	18°53'13
asc. node	-966 Jul 13 j 23:27	23°♊49'49	
	-966 Jul 17 j 15:42	0°♋	
morning set	-966 Jul 23 j 21:02	11°♋47'07	
superior conj	-966 Aug 01 j 10:57	28°♋31'11	1°47'07
minimum elong	-966 Aug 01 j 11:47	28°♋35'09	1°47'06
	-966 Aug 02 j 05:39	0°♌	
max. Earth dist.	-966 Aug 08 j 07:49	11°♌12'57	1.38972 AU
evening rise	-966 Aug 12 j 07:02	18°♌09'49	
	-966 Aug 19 j 10:31	0°♍	
desc. node	-966 Aug 23 j 07:09	6°♍03'26	
	-966 Sep 09 j 08:17	0°♎	
evening max el	-966 Sep 16 j 17:33	8°♎21'31	24°23'05
retrograde	-966 Sep 27 j 23:26	14°♎56'52	
evening set	-966 Oct 03 j 08:55	12°♎41'12	
min. Earth dist.	-966 Oct 08 j 02:25	7°♎14'49	0.67392 AU
inferior conj	-966 Oct 08 j 19:17	6°♎18'08	0°-23'-36
minimum elong	-966 Oct 08 j 19:52	6°♎16'13	0°23'22
asc. node	-966 Oct 09 j 22:39	4°♎47'12	
morning rise	-966 Oct 14 j 07:07	0°♎11'05	
	-966 Oct 14 j 13:33	30°℞♍	
direct	-966 Oct 18 j 00:35	28°♍51'30	
	-966 Oct 21 j 17:24	0°♎	
morning max el	-966 Oct 25 j 21:46	3°♎25'19	20°22'02
greatest brilliancy	-966 Nov 01 j 11:08	11°♎17'58	-0.5m
	-966 Nov 14 j 09:06	0°♏	
desc. node	-966 Nov 19 j 06:29	7°♏26'43	
morning set	-966 Nov 22 j 14:39	12°♏35'32	
max. Earth dist.	-966 Dec 02 j 20:36	28°♏44'29	1.43495 AU
	-966 Dec 03 j 15:22	0°♐	
superior conj	-966 Dec 08 j 19:51	8°♐27'55	-1°-46'-14
minimum elong	-966 Dec 08 j 13:49	8°♐03'02	1°45'50
evening rise	-966 Dec 21 j 11:01	29°♐59'07	
	-966 Dec 21 j 11:13	0°♑	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

asc. node	-965 Jan 05 j 21:57	24°♉56'52		
evening max el	-965 Jan 07 j 22:37	27°♉13'13	18°09'57	
	-965 Jan 11 j 15:42	0°♒		
retrograde	-965 Jan 14 j 11:11	0°♒40'06		
evening set	-965 Jan 17 j 05:23	0°♒01'56		
	-965 Jan 17 j 07:04	30°℞♉		
inferior conj	-965 Jan 23 j 13:42	24°♉47'40	3°52'38	
minimum elong	-965 Jan 23 j 12:57	24°♉49'38	3°52'36	
min. Earth dist.	-965 Jan 26 j 07:26	21°♉56'01	0.62612 AU	
morning rise	-965 Jan 29 j 18:27	18°♉50'27		
direct	-965 Feb 05 j 18:41	16°♉12'08		
desc. node	-965 Feb 15 j 05:40	20°♉06'11		
morning max el	-965 Feb 19 j 17:33	24°♉03'05	27°46'00	
	-965 Feb 25 j 02:54	0°♒		
	-965 Mar 16 j 23:55	0°♓		
morning set	-965 Mar 25 j 11:51	16°♓11'21		
max. Earth dist.	-965 Mar 31 j 02:58	27°♓55'54	1.32821 AU	
	-965 Apr 01 j 02:05	0°♈		
superior conj	-965 Apr 02 j 01:06	2°♈04'15	0°-19'-19	
minimum elong	-965 Apr 02 j 02:01	2°♈09'10	0°19'08	
asc. node	-965 Apr 03 j 21:16	6°♈03'40		
evening rise	-965 Apr 09 j 02:24	17°♈17'01		
	-965 Apr 15 j 10:07	0°♉		
evening max el	-965 May 03 j 05:56	25°♉47'17	23°54'08	
	-965 May 08 j 12:49	0°♊		
desc. node	-965 May 14 j 04:50	2°♊23'57		
retrograde	-965 May 17 j 00:38	2°♊42'12		
evening set	-965 May 21 j 05:17	2°♊03'13		
	-965 May 25 j 21:38	30°℞♉		
min. Earth dist.	-965 May 27 j 17:01	28°♉57'20	0.56288 AU	
inferior conj	-965 May 30 j 01:54	27°♉30'13	-3°-53'-15	
minimum elong	-965 May 29 j 19:39	27°♉39'51	3°52'01	
morning rise	-965 Jun 07 j 13:47	23°♉30'44		
direct	-965 Jun 10 j 04:20	23°♉13'14		
morning max el	-965 Jun 20 j 03:20	27°♉49'45	19°52'59	
	-965 Jun 22 j 06:15	0°♊		
asc. node	-965 Jun 30 j 20:31	12°♊33'52		
morning set	-965 Jul 07 j 23:44	26°♊14'11		
	-965 Jul 09 j 20:16	0°♋		
superior conj	-965 Jul 15 j 21:49	12°♋16'25	1°46'13	
minimum elong	-965 Jul 15 j 20:50	12°♋11'33	1°46'13	
max. Earth dist.	-965 Jul 21 j 11:23	23°♋05'24	1.37040 AU	
evening rise	-965 Jul 25 j 09:24	0°♌19'39		
	-965 Jul 25 j 05:03	0°♌		
desc. node	-965 Aug 10 j 04:10	26°♌20'56		
	-965 Aug 12 j 15:33	0°♍		
evening max el	-965 Aug 30 j 04:47	21°♍56'35	25°36'55	
retrograde	-965 Sep 11 j 09:34	28°♍57'09		
evening set	-965 Sep 17 j 09:50	26°♍25'29		
min. Earth dist.	-965 Sep 21 j 19:03	21°♍35'03	0.66854 AU	
inferior conj	-965 Sep 22 j 22:49	20°♍05'52	-1°-18'-55	
minimum elong	-965 Sep 23 j 00:47	19°♍59'34	1°18'08	
asc. node	-965 Sep 26 j 19:42	15°♍36'01		
morning rise	-965 Sep 28 j 16:25	14°♍07'11		
direct	-965 Oct 01 j 22:55	13°♍05'19		
morning max el	-965 Oct 09 j 02:29	17°♍08'39	19°20'28	
	-965 Oct 18 j 22:57	0°♎		
greatest brilliancy	-965 Oct 18 j 23:06	0°♎00'35	-0.7m	
morning set	-965 Nov 01 j 16:38	21°♎04'29		
desc. node	-965 Nov 06 j 03:31	28°♎01'18		
	-965 Nov 07 j 09:54	0°♏		
max. Earth dist.	-965 Nov 15 j 10:41	12°♏37'02	1.44590 AU	
superior conj	-965 Nov 18 j 11:58	17°♏27'36	-1°-14'-53	
minimum elong	-965 Nov 18 j 04:02	16°♏56'00	1°14'03	
	-965 Nov 26 j 07:02	0°♐		
evening rise	-965 Dec 03 j 01:26	11°♐07'33		
	-965 Dec 14 j 13:55	0°♑		
evening max el	-965 Dec 22 j 10:59	10°♑34'37	18°28'25	
asc. node	-965 Dec 23 j 18:58	11°♑49'48		
retrograde	-965 Dec 29 j 00:45	14°♑11'47		
evening set	-965 Dec 31 j 23:41	13°♑23'38		
inferior conj	-964 Jan 06 j 23:15	7°♑50'17	3°38'26	
minimum elong	-964 Jan 06 j 21:04	7°♑56'40	3°38'05	
min. Earth dist.	-964 Jan 09 j 01:54	5°♑23'23	0.64342 AU	
morning rise	-964 Jan 12 j 17:04	1°♑44'45		
	-964 Jan 15 j 06:46	30°℞♐		
direct	-964 Jan 19 j 14:02	28°♐54'06		
	-964 Jan 24 j 05:15	0°♑		
morning max el	-964 Feb 02 j 02:19	6°♑41'11	27°23'36	
desc. node	-964 Feb 02 j 02:43	6°♑42'09		
	-964 Feb 20 j 00:54	0°♒		
morning set	-964 Mar 08 j 05:51	0°♓07'21		
	-964 Mar 08 j 04:21	0°♓		
max. Earth dist.	-964 Mar 13 j 03:44	10°♓02'00	1.33623 AU	
superior conj	-964 Mar 16 j 06:42	16°♓35'01	0°-45'-43	
minimum elong	-964 Mar 16 j 08:51	16°♓46'24	0°45'18	
asc. node	-964 Mar 20 j 18:18	26°♓08'51		
	-964 Mar 22 j 13:49	0°♈		
evening rise	-964 Mar 23 j 13:35	2°♈05'07		
	-964 Apr 08 j 08:41	0°♉		
evening max el	-964 Apr 13 j 22:49	6°♉25'16	22°19'15	
retrograde	-964 Apr 26 j 20:32	12°♉45'06		
evening set	-964 Apr 29 j 18:38	12°♉26'19		
desc. node	-964 Apr 30 j 01:51	12°♉22'21		
min. Earth dist.	-964 May 08 j 06:11	8°♉47'02	0.55237 AU	
inferior conj	-964 May 09 j 03:06	8°♉17'27	-2°-28'-31	
minimum elong	-964 May 08 j 20:49	8°♉26'21	2°26'34	
morning rise	-964 May 18 j 00:54	4°♉22'38		
direct	-964 May 20 j 20:38	4°♉04'31		
morning max el	-964 Jun 01 j 11:27	9°♉30'30	21°12'33	
	-964 Jun 15 j 18:36	0°♊		
asc. node	-964 Jun 16 j 17:34	1°♊48'54		
morning set	-964 Jun 21 j 07:28	10°♊58'05		
superior conj	-964 Jun 28 j 18:57	26°♊33'27	1°38'07	
minimum elong	-964 Jun 28 j 16:52	26°♊22'41	1°37'58	
	-964 Jun 30 j 11:10	0°♋		
max. Earth dist.	-964 Jul 02 j 21:44	4°♋55'27	1.35370 AU	
evening rise	-964 Jul 07 j 06:50	13°♋26'14		
	-964 Jul 16 j 13:53	0°♌		
desc. node	-964 Jul 27 j 01:10	16°♌17'28		
	-964 Aug 06 j 12:40	0°♍		
evening max el	-964 Aug 11 j 16:33	5°♍31'03	26°36'47	
retrograde	-964 Aug 24 j 14:38	12°♍45'32		
evening set	-964 Aug 31 j 04:34	10°♍02'59		
min. Earth dist.	-964 Sep 04 j 06:04	5°♍50'20	0.65973 AU	
inferior conj	-964 Sep 05 j 21:50	3°♍50'53	-2°-13'-38	
minimum elong	-964 Sep 06 j 01:07	3°♍41'00	2°12'25	
	-964 Sep 09 j 09:13	30°℞♌		
morning rise	-964 Sep 11 j 22:46	28°♌03'51		
asc. node	-964 Sep 12 j 16:45	27°♌42'28		
direct	-964 Sep 14 j 20:43	27°♌16'00		
	-964 Sep 20 j 13:01	0°♍		
morning max el	-964 Sep 21 j 13:16	0°♍57'57	18°34'31	
	-964 Oct 11 j 06:37	0°♎		
morning set	-964 Oct 11 j 18:14	0°♎46'41		
desc. node	-964 Oct 23 j 00:31	18°♎42'56		
superior conj	-964 Oct 27 j 12:41	25°♎49'09	0°-29'-2	
minimum elong	-964 Oct 27 j 08:51	25°♎34'05	0°28'34	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

max. Earth dist.	-964 Oct 28 j 04:49	26°♎52'37	1.44989 AU
	-964 Oct 30 j 04:29	0°♏	
evening rise	-964 Nov 12 j 15:57	21°♏15'54	
	-964 Nov 18 j 03:58	0°♐	
evening max el	-964 Dec 04 j 21:10	24°♐00'35	19°04'29
asc. node	-964 Dec 09 j 16:01	27°♐32'18	
retrograde	-964 Dec 11 j 19:36	27°♐57'52	
evening set	-964 Dec 15 j 00:42	26°♐58'04	
inferior conj	-964 Dec 20 j 17:55	21°♐08'01	3°10'57
minimum elong	-964 Dec 20 j 15:06	21°♐16'55	3°10'16
min. Earth dist.	-964 Dec 22 j 05:36	19°♐15'55	0.65706 AU
morning rise	-964 Dec 26 j 04:35	14°♐56'55	
direct	-963 Jan 01 j 15:38	12°♐08'33	
morning max el	-963 Jan 14 j 11:52	19°♐40'49	26°31'11
desc. node	-963 Jan 18 j 23:45	24°♐35'34	
	-963 Jan 23 j 08:26	0°♑	
	-963 Feb 12 j 02:12	0°♒	
morning set	-963 Feb 19 j 12:07	13°♒23'10	
max. Earth dist.	-963 Feb 23 j 17:32	21°♒33'22	1.34874 AU
	-963 Feb 27 j 21:59	0°♓	
superior conj	-963 Feb 28 j 06:13	0°♓42'19	-1°-11'-6
minimum elong	-963 Feb 28 j 09:24	0°♓58'45	1°10'35
evening rise	-963 Mar 07 j 22:19	16°♓39'57	
asc. node	-963 Mar 07 j 15:20	16°♓03'53	
	-963 Mar 14 j 17:17	0°♈	
evening max el	-963 Mar 26 j 23:45	17°♈24'40	20°52'28
retrograde	-963 Apr 07 j 09:29	22°♈54'18	
evening set	-963 Apr 09 j 15:51	22°♈42'08	
desc. node	-963 Apr 16 j 22:53	19°♈49'52	
inferior conj	-963 Apr 18 j 21:27	18°♈44'31	0°-33'-9
minimum elong	-963 Apr 18 j 19:53	18°♈46'45	0°32'36
min. Earth dist.	-963 Apr 19 j 19:27	18°♈13'13	0.55088 AU
morning rise	-963 Apr 27 j 22:56	14°♈36'41	
direct	-963 May 01 j 07:37	14°♈12'14	
morning max el	-963 May 14 j 09:14	20°♈30'09	22°47'29
	-963 May 22 j 09:06	0°♉	
asc. node	-963 Jun 03 j 14:38	21°♉26'48	
morning set	-963 Jun 05 j 18:14	25°♉52'48	
	-963 Jun 07 j 17:08	0°♊	
superior conj	-963 Jun 12 j 23:06	11°♊12'24	1°24'27
minimum elong	-963 Jun 12 j 20:35	10°♊59'00	1°24'09
max. Earth dist.	-963 Jun 15 j 17:53	17°♊04'06	1.34060 AU
evening rise	-963 Jun 20 j 18:25	27°♊15'40	
	-963 Jun 22 j 04:07	0°♋	
	-963 Jul 09 j 20:29	0°♌	
desc. node	-963 Jul 13 j 22:11	5°♌44'08	
evening max el	-963 Jul 25 j 04:21	18°♌55'07	27°14'58
retrograde	-963 Aug 07 j 14:04	26°♌14'48	
evening set	-963 Aug 14 j 14:32	23°♌29'47	
min. Earth dist.	-963 Aug 18 j 09:09	19°♌54'30	0.64727 AU
inferior conj	-963 Aug 20 j 14:03	17°♌28'54	-3°-5'-25
minimum elong	-963 Aug 20 j 18:20	17°♌17'07	3°04'06
morning rise	-963 Aug 26 j 23:45	11°♌57'01	
direct	-963 Aug 29 j 15:35	11°♌19'46	
asc. node	-963 Aug 30 j 13:49	11°♌24'19	
morning max el	-963 Sep 05 j 03:50	14°♌48'57	18°05'27
	-963 Sep 15 j 21:39	0°♍	
morning set	-963 Sep 23 j 00:17	11°♍52'28	
	-963 Oct 03 j 23:38	0°♎	
superior conj	-963 Oct 06 j 19:50	4°♎34'42	0°20'01
minimum elong	-963 Oct 06 j 22:13	4°♎44'15	0°19'42
desc. node	-963 Oct 09 j 21:32	9°♎28'44	
max. Earth dist.	-963 Oct 10 j 23:42	11°♎12'24	1.44648 AU
evening rise	-963 Oct 23 j 08:45	0°♏32'29	
	-963 Oct 23 j 00:21	0°♏	
greatest brilliancy	-963 Nov 10 j 20:27	28°♏22'34	-0.6m
	-963 Nov 12 j 00:38	0°♐	
evening max el	-963 Nov 18 j 03:04	7°♐28'15	19°56'25
retrograde	-963 Nov 25 j 16:55	11°♐54'12	
asc. node	-963 Nov 26 j 13:04	11°♐50'10	
evening set	-963 Nov 29 j 05:58	10°♐40'49	
inferior conj	-963 Dec 04 j 18:52	4°♐37'00	2°33'55
minimum elong	-963 Dec 04 j 16:04	4°♐46'19	2°33'02
min. Earth dist.	-963 Dec 05 j 17:00	3°♐23'25	0.66687 AU
	-963 Dec 08 j 10:46	30°℞♏	
morning rise	-963 Dec 10 j 01:33	28°♏22'24	
direct	-963 Dec 15 j 22:48	25°♏47'14	
	-963 Dec 24 j 18:43	0°♐	
morning max el	-963 Dec 27 j 20:46	2°♐51'53	25°17'20
desc. node	-962 Jan 05 j 20:49	13°♐23'56	
	-962 Jan 17 j 13:29	0°♑	
morning set	-962 Feb 02 j 01:47	25°♑44'50	
	-962 Feb 04 j 09:45	0°♒	
max. Earth dist.	-962 Feb 05 j 20:07	2°♒39'48	1.36561 AU
superior conj	-962 Feb 11 j 20:49	14°♒17'59	-1°-33'-42
minimum elong	-962 Feb 12 j 00:30	14°♒36'16	1°33'17
	-962 Feb 19 j 15:36	0°♓	
evening rise	-962 Feb 20 j 02:31	0°♓55'06	
asc. node	-962 Feb 22 j 12:23	5°♓43'56	
evening max el	-962 Mar 09 j 11:39	28°♓59'59	19°41'48
	-962 Mar 10 j 14:10	0°♈	
retrograde	-962 Mar 19 j 04:25	3°♈38'34	
evening set	-962 Mar 21 j 08:26	3°♈25'41	
	-962 Mar 28 j 23:25	30°℞♓	
inferior conj	-962 Mar 29 j 23:32	29°♓22'21	1°20'27
minimum elong	-962 Mar 30 j 02:47	29°♓17'14	1°19'23
min. Earth dist.	-962 Apr 01 j 09:42	27°♓51'15	0.55875 AU
desc. node	-962 Apr 03 j 19:57	26°♓27'00	
morning rise	-962 Apr 07 j 17:46	24°♓45'32	
direct	-962 Apr 12 j 01:24	24°♓03'56	
	-962 Apr 24 j 20:51	0°♈	
morning max el	-962 Apr 26 j 00:55	1°♈04'32	24°28'02
	-962 May 15 j 20:58	0°♉	
morning set	-962 May 21 j 06:14	10°♉52'15	
asc. node	-962 May 21 j 11:40	11°♉20'53	
superior conj	-962 May 28 j 07:43	26°♉04'57	1°06'29
minimum elong	-962 May 28 j 05:19	25°♉51'55	1°06'05
max. Earth dist.	-962 May 29 j 22:42	29°♉35'22	1.33134 AU
	-962 May 30 j 03:17	0°♊	
evening rise	-962 Jun 04 j 16:05	11°♊35'26	
	-962 Jun 14 j 10:00	0°♋	
desc. node	-962 Jun 30 j 19:14	24°♋27'47	
	-962 Jul 05 j 16:01	0°♌	
evening max el	-962 Jul 07 j 14:11	1°♌55'08	27°24'54
retrograde	-962 Jul 21 j 07:33	9°♌15'15	
evening set	-962 Jul 28 j 12:21	6°♌39'44	
min. Earth dist.	-962 Aug 01 j 02:29	3°♌36'45	0.63117 AU
inferior conj	-962 Aug 03 j 20:44	0°♌53'00	-3°-50'-57
minimum elong	-962 Aug 04 j 01:14	0°♌41'52	3°49'55
	-962 Aug 04 j 18:19	30°℞♋	
morning rise	-962 Aug 10 j 16:22	25°♋39'41	
direct	-962 Aug 13 j 04:29	25°♋10'02	
asc. node	-962 Aug 17 j 10:53	26°♋37'10	
morning max el	-962 Aug 19 j 19:23	28°♋34'58	17°54'03
	-962 Aug 21 j 03:14	0°♌	
morning set	-962 Sep 05 j 06:21	24°♌06'36	
	-962 Sep 08 j 14:52	0°♍	
superior conj	-962 Sep 17 j 02:32	14°♍31'08	1°00'54

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-962 Sep 17 j 07:41	14°♍52'37	1°00'17
max. Earth dist.	-962 Sep 23 j 15:27	25°♍14'42	1.43616 AU
desc. node	-962 Sep 26 j 18:34	0°♎15'00	
	-962 Sep 26 j 14:47	0°♎	
evening rise	-962 Oct 02 j 15:00	9°♎25'10	
	-962 Oct 16 j 06:27	0°♏	
greatest brilliancy	-962 Oct 26 j 16:29	14°♏32'04	-0.5m
evening max el	-962 Nov 01 j 03:17	20°♏55'42	21°01'55
retrograde	-962 Nov 09 j 14:23	25°♏56'58	
asc. node	-962 Nov 13 j 10:07	24°♏34'05	
evening set	-962 Nov 13 j 13:26	24°♏27'56	
inferior conj	-962 Nov 18 j 23:42	18°♏13'54	1°49'51
minimum elong	-962 Nov 18 j 21:26	18°♏21'40	1°49'00
min. Earth dist.	-962 Nov 19 j 09:57	17°♏38'42	0.67301 AU
morning rise	-962 Nov 24 j 05:03	11°♏57'57	
direct	-962 Nov 29 j 10:59	9°♏42'23	
morning max el	-962 Dec 10 j 05:29	16°♏07'43	23°51'57
	-962 Dec 21 j 16:06	0°♐	
desc. node	-962 Dec 23 j 17:52	2°♐51'12	
	-961 Jan 10 j 13:37	0°♑	
morning set	-961 Jan 14 j 16:49	6°♑56'18	
max. Earth dist.	-961 Jan 18 j 15:48	13°♑49'52	1.38568 AU
superior conj	-961 Jan 25 j 22:50	27°♑12'19	-1°-51'-7
minimum elong	-961 Jan 26 j 01:57	27°♑27'01	1°50'56
	-961 Jan 27 j 10:05	0°♒	
evening rise	-961 Feb 03 j 23:41	14°♒43'45	
asc. node	-961 Feb 09 j 09:27	25°♒03'22	
	-961 Feb 12 j 04:30	0°♓	
evening max el	-961 Feb 20 j 09:55	11°♓12'28	18°50'32
retrograde	-961 Feb 28 j 15:19	15°♓11'06	
evening set	-961 Mar 02 j 22:54	14°♓53'26	
inferior conj	-961 Mar 10 j 19:49	10°♓33'54	2°45'20
minimum elong	-961 Mar 11 j 00:17	10°♓25'45	2°44'14
min. Earth dist.	-961 Mar 14 j 02:14	8°♓12'06	0.57420 AU
morning rise	-961 Mar 18 j 21:33	5°♓24'52	
desc. node	-961 Mar 21 j 17:01	4°♓29'39	
direct	-961 Mar 24 j 08:49	4°♓12'18	
morning max el	-961 Apr 07 j 16:29	11°♓40'32	25°59'50
	-961 Apr 21 j 20:25	0°♈	
morning set	-961 May 05 j 17:51	25°♈51'00	
	-961 May 07 j 16:45	0°♉	
asc. node	-961 May 08 j 08:44	1°♉26'01	
superior conj	-961 May 12 j 18:50	11°♉04'34	0°45'12
minimum elong	-961 May 12 j 17:00	10°♉54'28	0°44'50
max. Earth dist.	-961 May 13 j 09:23	12°♉24'09	1.32582 AU
evening rise	-961 May 19 j 20:41	26°♉16'01	
	-961 May 21 j 16:24	0°♊	
	-961 Jun 07 j 23:12	0°♋	
desc. node	-961 Jun 17 j 16:15	12°♋10'25	
evening max el	-961 Jun 19 j 19:46	14°♋19'41	27°02'30
retrograde	-961 Jul 03 j 18:18	21°♋37'54	
evening set	-961 Jul 10 j 17:53	19°♋26'08	
min. Earth dist.	-961 Jul 14 j 09:43	16°♋43'43	0.61207 AU
inferior conj	-961 Jul 17 j 14:39	13°♋56'00	-4°-24'-54
minimum elong	-961 Jul 17 j 17:58	13°♋48'44	4°24'29
morning rise	-961 Jul 24 j 21:01	9°♋03'52	
direct	-961 Jul 27 j 07:43	8°♋39'28	
morning max el	-961 Aug 03 j 09:02	12°♋09'14	18°01'16
asc. node	-961 Aug 04 j 07:57	13°♋08'03	
	-961 Aug 15 j 07:58	0°♌	
morning set	-961 Aug 19 j 06:36	7°♌12'59	
superior conj	-961 Aug 29 j 12:38	25°♌48'39	1°28'39
minimum elong	-961 Aug 29 j 16:58	26°♌07'41	1°28'15
	-961 Aug 31 j 22:18	0°♍	
max. Earth dist.	-961 Sep 06 j 01:44	8°♍42'52	1.42039 AU
evening rise	-961 Sep 12 j 05:07	18°♍42'00	
desc. node	-961 Sep 13 j 15:36	20°♍58'34	
	-961 Sep 19 j 11:26	0°♎	
greatest brilliancy	-961 Oct 10 j 04:08	29°♎03'55	-0.3m
	-961 Oct 10 j 22:44	0°♏	
evening max el	-961 Oct 14 j 21:42	4°♏23'38	22°17'22
retrograde	-961 Oct 24 j 10:09	10°♏03'19	
evening set	-961 Oct 28 j 21:15	8°♏16'52	
asc. node	-961 Oct 31 j 07:10	5°♏51'01	
inferior conj	-961 Nov 03 j 06:26	1°♏56'21	1°00'38
minimum elong	-961 Nov 03 j 05:04	2°♏01'05	1°00'04
min. Earth dist.	-961 Nov 03 j 05:57	1°♏58'02	0.67582 AU
	-961 Nov 04 j 16:27	30°℞♎	
morning rise	-961 Nov 08 j 12:44	25°♎41'36	
direct	-961 Nov 13 j 03:32	23°♎48'13	
morning max el	-961 Nov 22 j 16:35	29°♎27'46	22°24'44
	-961 Nov 23 j 05:09	0°♏	
greatest brilliancy	-961 Nov 27 j 08:07	4°♏40'59	-0.3m
desc. node	-961 Dec 10 j 14:54	22°♏46'11	
	-961 Dec 15 j 11:30	0°♐	
morning set	-961 Dec 26 j 03:31	16°♐43'45	
max. Earth dist.	-961 Dec 31 j 12:14	25°♐37'13	1.40678 AU
	-960 Jan 03 j 01:48	0°♑	
superior conj	-960 Jan 08 j 07:28	9°♑12'53	-1°-59'-58
minimum elong	-960 Jan 08 j 08:15	9°♑16'26	2°00'00
evening rise	-960 Jan 18 j 10:42	27°♑57'45	
	-960 Jan 19 j 12:44	0°♒	
asc. node	-960 Jan 27 j 06:29	13°♒54'34	
evening max el	-960 Feb 03 j 15:56	23°♒54'25	18°19'17
retrograde	-960 Feb 10 j 20:43	27°♒28'47	
evening set	-960 Feb 13 j 08:44	27°♒03'59	
inferior conj	-960 Feb 20 j 12:55	22°♒23'33	3°34'22
minimum elong	-960 Feb 20 j 15:45	22°♒17'32	3°33'59
min. Earth dist.	-960 Feb 23 j 22:48	19°♒31'05	0.59409 AU
morning rise	-960 Feb 27 j 19:16	16°♒49'51	
direct	-960 Mar 05 j 05:21	14°♒58'59	
desc. node	-960 Mar 07 j 14:04	15°♒13'34	
morning max el	-960 Mar 19 j 12:25	22°♒41'24	27°08'09
	-960 Mar 26 j 00:22	0°♓	
	-960 Apr 13 j 19:14	0°♈	
morning set	-960 Apr 19 j 03:19	10°♈41'31	
asc. node	-960 Apr 24 j 05:47	21°♈36'26	
superior conj	-960 Apr 26 j 06:36	26°♈03'39	0°21'23
minimum elong	-960 Apr 26 j 05:39	25°♈58'28	0°21'11
max. Earth dist.	-960 Apr 25 j 22:15	25°♈17'51	1.32390 AU
	-960 Apr 28 j 01:42	0°♉	
evening rise	-960 May 03 j 05:38	11°♉07'39	
	-960 May 12 j 22:43	0°♊	
evening max el	-960 May 31 j 19:07	26°♊00'29	26°07'54
desc. node	-960 Jun 03 j 13:16	28°♊25'58	
	-960 Jun 05 j 16:08	0°♋	
retrograde	-960 Jun 14 j 20:31	3°♋14'40	
evening set	-960 Jun 21 j 02:36	1°♋38'46	
	-960 Jun 23 j 21:42	30°℞♊	
min. Earth dist.	-960 Jun 25 j 08:01	29°♊00'01	0.59153 AU
inferior conj	-960 Jun 28 j 16:10	26°♊28'09	-4°-39'-3
minimum elong	-960 Jun 28 j 16:23	26°♊27'45	4°39'03
morning rise	-960 Jul 06 j 09:45	21°♊58'31	
direct	-960 Jul 08 j 21:07	21°♊37'34	
morning max el	-960 Jul 16 j 17:40	25°♊22'49	18°28'16
	-960 Jul 20 j 17:05	0°♋	
asc. node	-960 Jul 21 j 05:00	0°♋41'12	
morning set	-960 Aug 01 j 19:59	20°♋58'21	
	-960 Aug 06 j 12:47	0°♌	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-960 Aug 10 j 22:02	8°♌15'39	1°43'32
minimum elong	-960 Aug 11 j 00:09	8°♌25'29	1°43'27
max. Earth dist.	-960 Aug 18 j 06:44	21°♌28'47	1.40127 AU
evening rise	-960 Aug 22 j 17:04	29°♌00'52	
	-960 Aug 23 j 07:18	0°♍	
desc. node	-960 Aug 30 j 12:36	11°♍35'48	
	-960 Sep 11 j 23:50	0°♎	
evening max el	-960 Sep 26 j 11:40	17°♎54'12	23°37'34
retrograde	-960 Oct 07 j 02:47	24°♎10'34	
evening set	-960 Oct 12 j 03:45	22°♎05'38	
min. Earth dist.	-960 Oct 17 j 02:31	16°♎19'24	0.67549 AU
asc. node	-960 Oct 17 j 04:12	16°♎13'40	
inferior conj	-960 Oct 17 j 13:17	15°♎42'35	0°07'51
minimum elong	-960 Oct 17 j 13:06	15°♎43'14	0°07'46
transit middle	-960 Oct 17 j 13:06	15°♎43'14	0°07'46
transit begin	-960 Oct 17 j 10:43	15°♎51'23	
transit end	-960 Oct 17 j 15:29	15°♎35'05	
morning rise	-960 Oct 22 j 22:33	9°♎31'49	
direct	-960 Oct 26 j 23:23	8°♎00'20	
morning max el	-960 Nov 04 j 09:26	12°♎55'47	21°03'43
greatest brilliancy	-960 Nov 09 j 22:19	19°♎22'17	-0.5m
	-960 Nov 17 j 16:26	0°♏	
desc. node	-960 Nov 26 j 11:55	13°♏01'04	
morning set	-960 Dec 04 j 11:07	25°♏16'18	
	-960 Dec 07 j 11:06	0°♐	
max. Earth dist.	-960 Dec 12 j 15:40	8°♐21'08	1.42592 AU
superior conj	-960 Dec 19 j 17:13	20°♐06'58	-1°-56'-2
minimum elong	-960 Dec 19 j 13:49	19°♐52'33	1°55'55
	-960 Dec 25 j 10:20	0°♑	
evening rise	-960 Dec 31 j 07:48	10°♑29'37	
	-959 Jan 11 j 16:12	0°♒	
asc. node	-959 Jan 13 j 03:31	2°♒09'02	
evening max el	-959 Jan 17 j 02:41	6°♒57'35	18°07'47
retrograde	-959 Jan 23 j 18:08	10°♒23'08	
evening set	-959 Jan 26 j 10:10	9°♒49'59	
inferior conj	-959 Feb 02 j 00:47	4°♒47'37	3°52'46
minimum elong	-959 Feb 02 j 01:14	4°♒46'32	3°52'45
min. Earth dist.	-959 Feb 05 j 02:11	1°♒49'27	0.61492 AU
	-959 Feb 07 j 04:21	30°℞♑	
morning rise	-959 Feb 08 j 13:48	28°♑57'30	
direct	-959 Feb 15 j 12:04	26°♑33'08	
desc. node	-959 Feb 22 j 11:07	28°♑40'45	
	-959 Feb 24 j 12:09	0°♒	
morning max el	-959 Mar 01 j 14:32	4°♒21'42	27°42'47
	-959 Mar 20 j 16:41	0°♓	
morning set	-959 Apr 03 j 08:44	25°♓17'20	
	-959 Apr 05 j 15:11	0°♈	
max. Earth dist.	-959 Apr 09 j 09:38	8°♈03'55	1.32561 AU
superior conj	-959 Apr 10 j 17:21	10°♈56'24	0°-4'-10
minimum elong	-959 Apr 10 j 17:33	10°♈57'26	0°04'08
behind sun begin	-959 Apr 10 j 12:37	10°♈30'32	
behind sun end	-959 Apr 10 j 22:29	11°♈24'21	
asc. node	-959 Apr 11 j 02:50	11°♈48'02	
evening rise	-959 Apr 17 j 16:54	26°♈03'12	
	-959 Apr 19 j 14:18	0°♉	
	-959 May 07 j 07:10	0°♊	
evening max el	-959 May 13 j 12:18	7°♊00'13	24°47'18
desc. node	-959 May 21 j 10:18	12°♊40'53	
retrograde	-959 May 27 j 11:45	14°♊05'01	
evening set	-959 Jun 01 j 12:28	13°♊07'36	
min. Earth dist.	-959 Jun 06 j 23:57	10°♊15'44	0.57222 AU
inferior conj	-959 Jun 09 j 22:12	8°♊20'23	-4°-21'-54
minimum elong	-959 Jun 09 j 18:00	8°♊27'21	4°21'23
morning rise	-959 Jun 18 j 03:23	4°♊11'43	
direct	-959 Jun 20 j 16:45	3°♊53'06	
morning max el	-959 Jun 29 j 18:23	8°♊06'34	19°16'03
asc. node	-959 Jul 08 j 02:03	19°♊02'48	
	-959 Jul 14 j 03:01	0°♋	
morning set	-959 Jul 16 j 18:41	5°♋12'41	
superior conj	-959 Jul 25 j 01:04	21°♋36'26	1°47'44
minimum elong	-959 Jul 25 j 01:03	21°♋36'22	1°47'45
	-959 Jul 29 j 10:41	0°♌	
max. Earth dist.	-959 Jul 31 j 09:41	3°♌37'14	1.38132 AU
evening rise	-959 Aug 04 j 06:12	10°♌31'44	
	-959 Aug 16 j 01:47	0°♍	
desc. node	-959 Aug 17 j 09:36	2°♍02'06	
	-959 Sep 07 j 12:44	0°♎	
evening max el	-959 Sep 08 j 23:21	1°♎28'01	24°55'49
retrograde	-959 Sep 20 j 15:20	8°♎14'38	
evening set	-959 Sep 26 j 07:12	5°♎51'50	
min. Earth dist.	-959 Sep 30 j 21:08	0°♎40'35	0.67203 AU
	-959 Oct 01 j 09:27	30°℞♍	
inferior conj	-959 Oct 01 j 18:31	29°♍30'02	0°-47'-1
minimum elong	-959 Oct 01 j 19:41	29°♍26'12	0°46'33
asc. node	-959 Oct 04 j 01:14	26°♍36'01	
morning rise	-959 Oct 07 j 08:36	23°♍26'15	
direct	-959 Oct 10 j 21:14	22°♍14'29	
morning max el	-959 Oct 18 j 09:54	26°♍33'43	19°54'06
	-959 Oct 21 j 11:18	0°♎	
greatest brilliancy	-959 Oct 25 j 23:38	5°♎56'07	-0.6m
	-959 Nov 11 j 02:36	0°♏	
morning set	-959 Nov 13 j 07:51	3°♏25'25	
desc. node	-959 Nov 13 j 08:55	3°♏29'34	
max. Earth dist.	-959 Nov 25 j 03:01	21°♏55'17	1.44042 AU
superior conj	-959 Nov 29 j 23:55	29°♏45'13	-1°-35'-9
minimum elong	-959 Nov 29 j 16:27	29°♏14'54	1°34'31
	-959 Nov 30 j 03:34	0°♐	
evening rise	-959 Dec 13 j 10:36	22°♐10'26	
	-959 Dec 18 j 00:36	0°♑	
asc. node	-959 Dec 31 j 00:33	19°♑35'14	
evening max el	-959 Dec 31 j 15:11	20°♑13'34	18°15'33
retrograde	-958 Jan 07 j 03:08	23°♑43'25	
evening set	-958 Jan 09 j 23:18	23°♑01'01	
inferior conj	-958 Jan 16 j 03:32	17°♑38'05	3°48'31
minimum elong	-958 Jan 16 j 02:04	17°♑42'07	3°48'22
min. Earth dist.	-958 Jan 18 j 14:51	14°♑55'37	0.63391 AU
morning rise	-958 Jan 22 j 03:10	11°♑37'00	
direct	-958 Jan 29 j 02:56	8°♑51'56	
desc. node	-958 Feb 09 j 08:09	14°♑17'55	
morning max el	-958 Feb 11 j 21:47	16°♑41'31	27°40'38
	-958 Feb 22 j 23:15	0°♒	
	-958 Mar 13 j 09:42	0°♓	
morning set	-958 Mar 18 j 07:45	9°♓30'37	
max. Earth dist.	-958 Mar 23 j 15:38	20°♓28'58	1.33117 AU
superior conj	-958 Mar 26 j 01:23	25°♓36'53	0°-30'-33
minimum elong	-958 Mar 26 j 02:50	25°♓44'38	0°30'15
	-958 Mar 28 j 02:14	0°♈	
asc. node	-958 Mar 28 j 23:53	1°♈56'49	
evening rise	-958 Apr 02 j 04:40	10°♈56'01	
	-958 Apr 12 j 01:29	0°♉	
evening max el	-958 Apr 25 j 03:13	17°♉37'25	23°13'24
desc. node	-958 May 08 j 07:20	24°♉19'34	
retrograde	-958 May 08 j 14:37	24°♉19'46	
evening set	-958 May 12 j 05:20	23°♉51'09	
min. Earth dist.	-958 May 19 j 13:06	20°♉32'51	0.55746 AU
inferior conj	-958 May 21 j 08:31	19°♉29'14	-3°-22'-29
minimum elong	-958 May 21 j 01:34	19°♉39'27	3°20'44
morning rise	-958 May 30 j 01:04	15°♉34'05	
direct	-958 Jun 01 j 17:26	15°♉16'41	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning max el	-958 Jun 12 j 08:56	20°♉12'28	20°24'38	
	-958 Jun 20 j 05:39	0°♊		
asc. node	-958 Jun 24 j 23:07	8°♊01'31		
morning set	-958 Jun 30 j 23:51	19°♊48'29		
	-958 Jul 05 j 22:47	0°♋		
superior conj	-958 Jul 08 j 16:50	5°♋37'21	1°43'34	
minimum elong	-958 Jul 08 j 15:18	5°♋29'36	1°43'30	
max. Earth dist.	-958 Jul 13 j 15:53	15°♋27'25	1.36289 AU	
evening rise	-958 Jul 17 j 17:21	23°♋07'47		
	-958 Jul 21 j 12:51	0°♌		
desc. node	-958 Aug 04 j 06:38	22°♌12'10		
	-958 Aug 09 j 18:35	0°♍		
evening max el	-958 Aug 22 j 10:40	15°♍03'38	26°04'29	
retrograde	-958 Sep 03 j 23:16	22°♍11'14		
evening set	-958 Sep 10 j 05:46	19°♍33'49		
min. Earth dist.	-958 Sep 14 j 11:33	14°♍59'39	0.66527 AU	
inferior conj	-958 Sep 15 j 20:22	13°♍17'04	-1°-42'-20	
minimum elong	-958 Sep 15 j 22:55	13°♍09'07	1°41'20	
asc. node	-958 Sep 20 j 22:17	7°♍54'06		
morning rise	-958 Sep 21 j 16:56	7°♍23'14		
direct	-958 Sep 24 j 19:31	6°♍27'49		
morning max el	-958 Oct 01 j 17:32	10°♍20'42	18°58'58	
	-958 Oct 15 j 21:16	0°♎		
morning set	-958 Oct 23 j 18:17	12°♎21'37		
desc. node	-958 Oct 31 j 05:57	24°♎07'41		
	-958 Nov 03 j 23:41	0°♏		
max. Earth dist.	-958 Nov 07 j 19:27	6°♏00'49	1.44850 AU	
superior conj	-958 Nov 09 j 07:11	8°♏21'38	0°-56'-40	
minimum elong	-958 Nov 09 j 00:18	7°♏54'27	0°55'51	
	-958 Nov 22 j 20:17	0°♐		
evening rise	-958 Nov 24 j 15:03	2°♐53'30		
	-958 Dec 12 j 00:52	0°♑		
evening max el	-958 Dec 15 j 02:48	3°♑36'41	18°41'40	
asc. node	-958 Dec 17 j 21:35	5°♑59'51		
retrograde	-958 Dec 21 j 19:30	7°♑21'40		
evening set	-958 Dec 24 j 20:48	6°♑28'48		
inferior conj	-958 Dec 30 j 17:22	0°♑47'45	3°28'08	
minimum elong	-958 Dec 30 j 14:49	0°♑55'27	3°27'39	
	-958 Dec 31 j 09:08	30°℞♐		
min. Earth dist.	-957 Jan 01 j 13:27	28°♐34'56	0.64964 AU	
morning rise	-957 Jan 05 j 07:42	24°♐39'20		
direct	-957 Jan 12 j 00:53	21°♐48'15		
morning max el	-957 Jan 25 j 07:26	29°♐30'57	27°04'36	
	-957 Jan 25 j 18:56	0°♑		
desc. node	-957 Jan 27 j 05:11	1°♑29'56		
	-957 Feb 16 j 20:26	0°♒		
morning set	-957 Mar 01 j 21:19	23°♒11'19		
	-957 Mar 05 j 08:16	0°♓		
max. Earth dist.	-957 Mar 06 j 12:13	2°♓21'14	1.34097 AU	
superior conj	-957 Mar 10 j 04:42	9°♓58'27	0°-56'-41	
minimum elong	-957 Mar 10 j 07:20	10°♓12'15	0°56'13	
asc. node	-957 Mar 15 j 20:55	21°♓58'15		
evening rise	-957 Mar 17 j 15:04	25°♓39'21		
	-957 Mar 19 j 17:41	0°♈		
evening max el	-957 Apr 06 j 22:46	28°♈21'25	21°40'43	
	-957 Apr 08 j 18:52	0°♉		
retrograde	-957 Apr 19 j 06:55	4°♉21'53		
evening set	-957 Apr 21 j 20:09	4°♉07'13		
desc. node	-957 Apr 25 j 04:23	3°♉07'37		
inferior conj	-957 May 01 j 05:10	0°♉04'46	-1°-41'-38	
minimum elong	-957 May 01 j 00:30	0°♉11'19	1°40'03	
min. Earth dist.	-957 May 01 j 02:16	0°♉08'50	0.55051 AU	
	-957 May 01 j 08:34	30°℞♈		
morning rise	-957 May 10 j 05:40	26°♈06'53		
direct	-957 May 13 j 05:19	25°♈47'16		
	-957 May 23 j 16:19	0°♉		
morning max el	-957 May 25 j 12:34	1°♉35'45	21°51'34	
asc. node	-957 Jun 11 j 20:11	27°♉27'17		
	-957 Jun 13 j 02:49	0°♊		
morning set	-957 Jun 15 j 09:07	4°♊38'00		
superior conj	-957 Jun 22 j 17:21	20°♊05'24	1°32'57	
minimum elong	-957 Jun 22 j 15:01	19°♊53'08	1°32'42	
max. Earth dist.	-957 Jun 26 j 06:03	27°♊22'52	1.34762 AU	
	-957 Jun 27 j 13:10	0°♋		
evening rise	-957 Jun 30 j 21:23	6°♋34'27		
	-957 Jul 14 j 04:40	0°♌		
desc. node	-957 Jul 22 j 03:41	11°♌57'39		
evening max el	-957 Aug 04 j 22:21	28°♌34'21	26°55'58	
	-957 Aug 06 j 11:18	0°♍		
retrograde	-957 Aug 18 j 02:11	5°♍52'45		
evening set	-957 Aug 24 j 21:09	3°♍07'37		
	-957 Aug 28 j 02:05	30°℞♌		
min. Earth dist.	-957 Aug 28 j 19:26	29°♌11'15	0.65490 AU	
inferior conj	-957 Aug 30 j 16:47	26°♌59'38	-2°-36'-9	
minimum elong	-957 Aug 30 j 20:33	26°♌48'41	2°34'51	
morning rise	-957 Sep 05 j 21:19	21°♌18'51		
asc. node	-957 Sep 07 j 19:21	20°♌40'17		
direct	-957 Sep 08 j 16:16	20°♌36'06		
morning max el	-957 Sep 15 j 06:19	24°♌11'46	18°20'01	
	-957 Sep 19 j 23:57	0°♍		
morning set	-957 Oct 04 j 08:06	22°♍39'48		
	-957 Oct 08 j 20:15	0°♎		
desc. node	-957 Oct 18 j 03:00	14°♎51'43		
superior conj	-957 Oct 19 j 07:53	16°♎45'57	0°-7'-51	
minimum elong	-957 Oct 19 j 06:51	16°♎41'54	0°07'43	
behind sun begin	-957 Oct 18 j 20:56	16°♎02'41		
behind sun end	-957 Oct 19 j 16:46	17°♎21'05		
max. Earth dist.	-957 Oct 21 j 13:47	20°♎18'32	1.44928 AU	
	-957 Oct 27 j 17:58	0°♏		
evening rise	-957 Nov 04 j 19:34	12°♏37'33		
	-957 Nov 15 j 23:24	0°♐		
greatest brilliancy	-957 Nov 19 j 10:03	5°♐11'42	-0.7m	
evening max el	-957 Nov 28 j 11:18	17°♐03'30	19°24'48	
asc. node	-957 Dec 04 j 18:36	21°♐08'04		
retrograde	-957 Dec 05 j 15:45	21°♐12'27		
evening set	-957 Dec 08 j 23:53	20°♐07'19		
inferior conj	-957 Dec 14 j 15:02	14°♐11'06	2°56'15	
minimum elong	-957 Dec 14 j 12:09	14°♐20'25	2°55'28	
min. Earth dist.	-957 Dec 15 j 20:50	12°♐34'53	0.66162 AU	
morning rise	-957 Dec 19 j 23:37	7°♐58'00		
direct	-957 Dec 26 j 05:05	5°♐13'57		
morning max el	-956 Jan 07 j 16:51	12°♐37'04	26°01'51	
desc. node	-956 Jan 14 j 02:14	19°♐49'18		
	-956 Jan 21 j 18:03	0°♑		
	-956 Feb 09 j 12:30	0°♒		
morning set	-956 Feb 12 j 21:17	6°♒06'50		
max. Earth dist.	-956 Feb 16 j 20:52	13°♒39'12	1.35532 AU	
superior conj	-956 Feb 22 j 00:51	23°♒53'53	-1°-21'-8	
minimum elong	-956 Feb 22 j 04:21	24°♒11'37	1°20'39	
	-956 Feb 25 j 00:26	0°♓		
evening rise	-956 Feb 29 j 22:10	10°♓06'55		
asc. node	-956 Mar 01 j 17:59	11°♓47'55		
	-956 Mar 11 j 15:10	0°♈		
evening max el	-956 Mar 19 j 04:22	9°♈36'15	20°20'16	
retrograde	-956 Mar 29 j 20:50	14°♈43'22		
evening set	-956 Apr 01 j 00:46	14°♈31'40		
inferior conj	-956 Apr 10 j 01:13	10°♈33'47	0°17'09	
minimum elong	-956 Apr 10 j 02:00	10°♈32'38	0°16'52	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-956 Apr 11 j 01:25	9°♈58'07	
min. Earth dist.	-956 Apr 11 j 16:17	9°♈36'19	0.55311 AU
morning rise	-956 Apr 19 j 00:56	6°♈14'28	
direct	-956 Apr 22 j 18:13	5°♈44'18	
morning max el	-956 May 06 j 07:13	12°♈22'55	23°30'12
	-956 May 19 j 14:43	0°♉	
asc. node	-956 May 28 j 17:16	17°♉13'02	
morning set	-956 May 29 j 20:37	19°♉35'28	
	-956 Jun 03 j 17:33	0°♊	
superior conj	-956 Jun 05 j 23:43	4°♊51'24	1°17'19
minimum elong	-956 Jun 05 j 21:11	4°♊37'49	1°16'57
max. Earth dist.	-956 Jun 08 j 05:57	9°♊40'26	1.33622 AU
evening rise	-956 Jun 13 j 13:44	20°♊38'34	
	-956 Jun 18 j 10:05	0°♋	
	-956 Jul 07 j 04:07	0°♌	
desc. node	-956 Jul 08 j 00:43	1°♌07'57	
evening max el	-956 Jul 17 j 09:38	11°♌50'01	27°22'56
retrograde	-956 Jul 30 j 23:23	19°♌10'41	
evening set	-956 Aug 07 j 02:25	16°♌28'14	
min. Earth dist.	-956 Aug 10 j 18:43	13°♌07'22	0.64083 AU
inferior conj	-956 Aug 13 j 05:19	10°♌32'44	-3°-25'-48
minimum elong	-956 Aug 13 j 09:48	10°♌20'51	3°24'33
morning rise	-956 Aug 19 j 19:07	5°♌08'10	
direct	-956 Aug 22 j 08:57	4°♌34'35	
asc. node	-956 Aug 24 j 16:25	5°♌01'49	
morning max el	-956 Aug 28 j 21:37	8°♌01'19	17°58'17
	-956 Sep 12 j 13:09	0°♍	
morning set	-956 Sep 15 j 01:05	4°♍16'43	
superior conj	-956 Sep 27 j 23:42	25°♍58'01	0°38'50
minimum elong	-956 Sep 28 j 03:48	26°♍14'42	0°38'17
	-956 Sep 30 j 11:28	0°♎	
max. Earth dist.	-956 Oct 03 j 07:17	4°♎31'36	1.44287 AU
desc. node	-956 Oct 04 j 00:02	5°♎38'13	
evening rise	-956 Oct 14 j 05:48	21°♎38'31	
	-956 Oct 19 j 16:45	0°♏	
greatest brilliancy	-956 Nov 04 j 06:34	22°♏49'16	-0.6m
	-956 Nov 10 j 02:58	0°♐	
evening max el	-956 Nov 10 j 14:56	0°♐31'23	20°22'56
retrograde	-956 Nov 18 j 13:15	5°♐11'34	
asc. node	-956 Nov 20 j 15:39	4°♐46'19	
evening set	-956 Nov 22 j 06:16	3°♐51'56	
	-956 Nov 26 j 00:34	30°℞♏	
inferior conj	-956 Nov 27 j 17:52	27°♏43'36	2°15'57
minimum elong	-956 Nov 27 j 15:15	27°♏52'29	2°15'03
min. Earth dist.	-956 Nov 28 j 10:52	26°♏46'13	0.66991 AU
morning rise	-956 Dec 02 j 23:41	21°♏28'11	
direct	-956 Dec 08 j 14:38	19°♏00'29	
morning max el	-956 Dec 20 j 01:13	25°♏49'38	24°41'46
	-956 Dec 23 j 21:10	0°♐	
desc. node	-956 Dec 30 j 23:16	8°♐55'47	
	-955 Jan 14 j 07:30	0°♑	
morning set	-955 Jan 25 j 02:02	18°♑00'17	
max. Earth dist.	-955 Jan 28 j 19:12	24°♑40'43	1.37384 AU
	-955 Jan 31 j 16:01	0°♒	
superior conj	-955 Feb 04 j 10:35	7°♒13'17	-1°-41'-55
minimum elong	-955 Feb 04 j 14:12	7°♒30'50	1°41'35
evening rise	-955 Feb 12 j 23:39	24°♒11'12	
	-955 Feb 15 j 22:29	0°♓	
asc. node	-955 Feb 16 j 15:01	1°♓19'46	
evening max el	-955 Mar 01 j 20:58	21°♓28'03	19°17'37
retrograde	-955 Mar 10 j 21:16	25°♓47'17	
evening set	-955 Mar 13 j 02:40	25°♓32'38	
inferior conj	-955 Mar 21 j 10:07	21°♓23'34	2°00'45
minimum elong	-955 Mar 21 j 14:22	21°♓16'30	1°59'30
min. Earth dist.	-955 Mar 24 j 07:14	19°♓29'06	0.56460 AU
desc. node	-955 Mar 28 j 22:27	16°♓56'19	
morning rise	-955 Mar 29 j 22:10	16°♓32'54	
direct	-955 Apr 03 j 17:55	15°♓39'24	
morning max el	-955 Apr 17 j 21:50	22°♓53'24	25°09'00
	-955 Apr 24 j 05:44	0°♈	
	-955 May 12 j 03:33	0°♉	
morning set	-955 May 14 j 08:39	4°♉35'10	
asc. node	-955 May 15 j 14:20	7°♉12'25	
superior conj	-955 May 21 j 09:36	19°♉47'37	0°57'49
minimum elong	-955 May 21 j 07:23	19°♉35'33	0°57'25
max. Earth dist.	-955 May 22 j 13:45	22°♉20'39	1.32860 AU
	-955 May 26 j 03:25	0°♊	
evening rise	-955 May 28 j 14:42	5°♊08'35	
	-955 Jun 11 j 01:44	0°♋	
desc. node	-955 Jun 24 j 21:44	19°♋28'29	
evening max el	-955 Jun 29 j 18:15	24°♋37'31	27°19'31
	-955 Jul 06 j 19:48	0°♌	
retrograde	-955 Jul 13 j 14:00	1°♌56'13	
	-955 Jul 19 j 22:49	30°℞♋	
evening set	-955 Jul 20 j 17:52	29°♋29'29	
min. Earth dist.	-955 Jul 24 j 07:53	26°♋36'45	0.62336 AU
inferior conj	-955 Jul 27 j 07:03	23°♋49'35	-4°-7'-11
minimum elong	-955 Jul 27 j 11:14	23°♋39'41	4°06'24
morning rise	-955 Aug 03 j 07:07	18°♋44'39	
direct	-955 Aug 05 j 18:25	18°♋17'24	
asc. node	-955 Aug 11 j 13:30	20°♋49'58	
morning max el	-955 Aug 12 j 12:40	21°♋43'15	17°54'42
	-955 Aug 18 j 20:37	0°♌	
morning set	-955 Aug 28 j 15:40	16°♌55'51	
	-955 Sep 05 j 00:02	0°♍	
superior conj	-955 Sep 08 j 18:15	6°♍29'42	1°14'21
minimum elong	-955 Sep 08 j 23:22	6°♍51'30	1°13'47
max. Earth dist.	-955 Sep 15 j 21:19	18°♍23'08	1.43007 AU
desc. node	-955 Sep 20 j 21:04	26°♍24'12	
	-955 Sep 23 j 03:53	0°♎	
evening rise	-955 Sep 23 j 13:16	0°♎36'40	
	-955 Oct 13 j 07:58	0°♏	
greatest brilliancy	-955 Oct 19 j 13:24	8°♏17'03	-0.4m
evening max el	-955 Oct 24 j 12:46	13°♏59'51	21°33'05
retrograde	-955 Nov 02 j 10:03	19°♏16'42	
evening set	-955 Nov 06 j 14:05	17°♏40'22	
asc. node	-955 Nov 07 j 12:41	16°♏51'33	
inferior conj	-955 Nov 11 j 23:44	11°♏23'18	1°29'31
minimum elong	-955 Nov 11 j 21:48	11°♏29'57	1°28'44
min. Earth dist.	-955 Nov 12 j 05:18	11°♏04'04	0.67468 AU
morning rise	-955 Nov 17 j 05:15	5°♏07'48	
direct	-955 Nov 22 j 04:45	3°♏01'31	
morning max el	-955 Dec 02 j 10:24	9°♏06'50	23°14'31
greatest brilliancy	-955 Dec 07 j 13:19	14°♏51'56	-0.3m
desc. node	-955 Dec 17 j 20:19	28°♏36'15	
	-955 Dec 18 j 19:43	0°♐	
morning set	-954 Jan 06 j 05:23	28°♐36'18	
	-954 Jan 07 j 01:20	0°♑	
max. Earth dist.	-954 Jan 10 j 14:32	6°♑04'15	1.39480 AU
superior conj	-954 Jan 18 j 05:49	19°♑46'16	-1°-56'-10
minimum elong	-954 Jan 18 j 08:11	19°♑57'13	1°56'05
	-954 Jan 23 j 15:59	0°♒	
evening rise	-954 Jan 27 j 16:52	7°♒45'54	
asc. node	-954 Feb 03 j 12:02	20°♒27'51	
	-954 Feb 09 j 13:47	0°♓	
evening max el	-954 Feb 12 j 22:48	3°♓53'26	18°34'43
retrograde	-954 Feb 20 j 16:10	7°♓39'45	
evening set	-954 Feb 23 j 01:46	7°♓19'09	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

inferior conj	-954 Mar 02 j 15:10	2°♓50'37	3°10'23
minimum elong	-954 Mar 02 j 19:10	2°♓42'49	3°09'35
min. Earth dist.	-954 Mar 06 j 00:46	0°♓13'09	0.58238 AU
	-954 Mar 06 j 07:57	30°℞♒	
morning rise	-954 Mar 10 j 08:41	27°♒30'13	
desc. node	-954 Mar 15 j 19:29	26°♒02'22	
direct	-954 Mar 16 j 06:43	26°♒01'49	
	-954 Mar 26 j 09:57	0°♓	
morning max el	-954 Mar 30 j 14:41	3°♓36'26	26°32'40
	-954 Apr 18 j 16:59	0°♈	
morning set	-954 Apr 28 j 19:33	19°♈30'59	
asc. node	-954 May 02 j 11:22	27°♈20'07	
	-954 May 03 j 16:43	0°♉	
superior conj	-954 May 05 j 21:09	4°♉47'18	0°35'20
minimum elong	-954 May 05 j 19:39	4°♉39'04	0°35'03
max. Earth dist.	-954 May 06 j 01:58	5°♉13'44	1.32457 AU
evening rise	-954 May 12 j 21:23	19°♉54'36	
	-954 May 17 j 21:39	0°♊	
	-954 Jun 05 j 18:08	0°♋	
desc. node	-954 Jun 11 j 18:45	6°♋37'50	
evening max el	-954 Jun 11 j 21:23	6°♋44'08	26°43'01
retrograde	-954 Jun 25 j 21:02	14°♋00'20	
evening set	-954 Jul 02 j 15:01	12°♋02'37	
min. Earth dist.	-954 Jul 06 j 10:47	9°♋24'18	0.60340 AU
inferior conj	-954 Jul 09 j 18:26	6°♋40'48	-4°-33'-56
minimum elong	-954 Jul 09 j 20:40	6°♋36'11	4°33'47
morning rise	-954 Jul 17 j 05:30	1°♋58'15	
direct	-954 Jul 19 j 16:27	1°♋35'21	
morning max el	-954 Jul 27 j 00:31	5°♋09'53	18°10'18
asc. node	-954 Jul 29 j 10:34	7°♋49'18	
morning set	-954 Aug 11 j 22:02	0°♌20'36	
	-954 Aug 11 j 17:39	0°♌	
superior conj	-954 Aug 21 j 14:59	18°♌19'06	1°36'25
minimum elong	-954 Aug 21 j 18:26	18°♌34'37	1°36'11
	-954 Aug 28 j 07:04	0°♍	
max. Earth dist.	-954 Aug 29 j 05:44	1°♍36'08	1.41255 AU
evening rise	-954 Sep 03 j 11:35	10°♍16'53	
desc. node	-954 Sep 07 j 18:05	17°♍05'43	
	-954 Sep 16 j 05:22	0°♎	
greatest brilliancy	-954 Oct 02 j 03:50	21°♎49'06	-0.3m
evening max el	-954 Oct 07 j 05:00	27°♎28'32	22°51'11
	-954 Oct 09 j 22:28	0°♏	
retrograde	-954 Oct 17 j 04:37	3°♏24'10	
evening set	-954 Oct 21 j 21:33	1°♏29'37	
	-954 Oct 23 j 11:05	30°℞♎	
asc. node	-954 Oct 25 j 09:44	27°♎39'54	
inferior conj	-954 Oct 27 j 06:43	25°♎07'28	0°38'36
minimum elong	-954 Oct 27 j 05:49	25°♎10'33	0°38'12
min. Earth dist.	-954 Oct 27 j 01:44	25°♎24'37	0.67611 AU
morning rise	-954 Nov 01 j 14:04	18°♎54'18	
direct	-954 Nov 05 j 22:40	17°♎10'38	
morning max el	-954 Nov 14 j 23:44	22°♎30'30	21°49'08
greatest brilliancy	-954 Nov 19 j 20:16	28°♎01'10	-0.4m
	-954 Nov 21 j 09:59	0°♏	
desc. node	-954 Dec 04 j 17:22	18°♏40'36	
	-954 Dec 12 j 04:24	0°♐	
morning set	-954 Dec 17 j 03:40	7°♐48'52	
max. Earth dist.	-954 Dec 23 j 13:59	18°♐17'04	1.41536 AU
	-954 Dec 30 j 11:03	0°♑	
superior conj	-954 Dec 31 j 05:20	1°♑19'56	-2°00'-8
minimum elong	-954 Dec 31 j 04:32	1°♑16'26	2°00'09
evening rise	-953 Jan 10 j 22:27	20°♑43'24	
	-953 Jan 16 j 00:17	0°♒	
asc. node	-953 Jan 21 j 09:02	9°♒04'48	
evening max el	-953 Jan 27 j 07:07	16°♒45'16	18°11'56
retrograde	-953 Feb 03 j 05:06	20°♒14'34	
evening set	-953 Feb 05 j 18:45	19°♒46'24	
inferior conj	-953 Feb 12 j 16:43	14°♒56'24	3°45'29
minimum elong	-953 Feb 12 j 18:32	14°♒52'18	3°45'18
min. Earth dist.	-953 Feb 15 j 23:56	11°♒58'30	0.60297 AU
morning rise	-953 Feb 19 j 15:13	9°♒14'31	
direct	-953 Feb 26 j 07:37	7°♒08'28	
desc. node	-953 Mar 02 j 16:32	7°♒58'44	
morning max el	-953 Mar 12 j 13:32	14°♒54'36	27°27'31
	-953 Mar 24 j 18:50	0°♓	
	-953 Apr 11 j 01:13	0°♈	
morning set	-953 Apr 13 j 03:34	4°♈16'50	
asc. node	-953 Apr 19 j 08:24	17°♈31'53	
max. Earth dist.	-953 Apr 19 j 14:47	18°♈06'48	1.32412 AU
superior conj	-953 Apr 20 j 08:41	19°♈44'48	0°10'42
minimum elong	-953 Apr 20 j 08:12	19°♈42'09	0°10'37
behind sun begin	-953 Apr 20 j 04:27	19°♈21'35	
behind sun end	-953 Apr 20 j 11:58	20°♈02'43	
	-953 Apr 25 j 01:26	0°♉	
evening rise	-953 Apr 27 j 07:34	4°♉49'03	
	-953 May 10 j 18:05	0°♊	
evening max el	-953 May 24 j 17:40	18°♊05'53	25°36'09
desc. node	-953 May 29 j 15:45	22°♊07'04	
retrograde	-953 Jun 07 j 19:03	25°♊17'53	
evening set	-953 Jun 13 j 14:02	23°♊58'23	
min. Earth dist.	-953 Jun 18 j 05:48	21°♊16'10	0.58295 AU
inferior conj	-953 Jun 21 j 11:55	18°♊57'07	-4°-36'-23
minimum elong	-953 Jun 21 j 10:19	19°♊00'00	4°36'19
morning rise	-953 Jun 29 j 10:28	14°♊37'17	
direct	-953 Jul 01 j 22:32	14°♊17'31	
morning max el	-953 Jul 10 j 06:14	18°♊12'47	18°46'05
asc. node	-953 Jul 16 j 07:38	25°♊45'02	
	-953 Jul 18 j 22:52	0°♋	
morning set	-953 Jul 26 j 15:48	14°♋19'37	
	-953 Aug 03 j 17:32	0°♌	
superior conj	-953 Aug 04 j 08:38	1°♌11'41	1°46'28
minimum elong	-953 Aug 04 j 09:48	1°♌17'10	1°46'27
max. Earth dist.	-953 Aug 11 j 09:04	14°♌03'58	1.39272 AU
evening rise	-953 Aug 15 j 10:22	21°♌06'40	
	-953 Aug 20 j 18:56	0°♍	
desc. node	-953 Aug 25 j 15:05	7°♍39'01	
	-953 Sep 10 j 06:49	0°♎	
evening max el	-953 Sep 19 j 17:31	10°♎59'50	24°11'25
retrograde	-953 Sep 30 j 19:47	17°♎30'47	
evening set	-953 Oct 06 j 02:59	15°♎17'53	
min. Earth dist.	-953 Oct 10 j 21:49	9°♎46'11	0.67441 AU
inferior conj	-953 Oct 11 j 13:06	8°♎54'36	0°-15'-16
minimum elong	-953 Oct 11 j 13:28	8°♎53'21	0°15'08
transit middle	-953 Oct 11 j 13:28	8°♎53'21	0°15'08
transit begin	-953 Oct 11 j 12:27	8°♎56'46	
transit end	-953 Oct 11 j 14:28	8°♎49'56	
asc. node	-953 Oct 12 j 06:47	7°♎55'08	
morning rise	-953 Oct 17 j 00:12	2°♎46'24	
direct	-953 Oct 20 j 19:28	1°♎23'52	
morning max el	-953 Oct 28 j 19:52	6°♎03'11	20°32'23
greatest brilliancy	-953 Nov 04 j 02:12	13°♎30'42	-0.5m
	-953 Nov 15 j 15:04	0°♏	
desc. node	-953 Nov 21 j 14:23	9°♏01'51	
morning set	-953 Nov 26 j 03:44	16°♏02'52	
	-953 Dec 05 j 00:01	0°♐	
max. Earth dist.	-953 Dec 05 j 20:28	1°♐22'19	1.43274 AU
superior conj	-953 Dec 12 j 03:45	11°♐41'42	-1°-49'-24
minimum elong	-953 Dec 11 j 22:22	11°♐19'19	1°49'06

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-953 Dec 22 j 20:31	0°♉		
evening rise	-953 Dec 24 j 12:19	2°♉54'36		
asc. node	-952 Jan 08 j 06:04	27°♉00'26		
	-952 Jan 10 j 21:03	0°♒		
evening max el	-952 Jan 10 j 18:56	29°♉54'45	18°08'50	
retrograde	-952 Jan 17 j 07:59	3°♒20'53		
evening set	-952 Jan 20 j 01:35	2°♒44'05		
	-952 Jan 23 j 23:37	30°℞♉		
inferior conj	-952 Jan 26 j 11:26	27°♉32'59	3°53'18	
minimum elong	-952 Jan 26 j 10:59	27°♉34'10	3°53'16	
min. Earth dist.	-952 Jan 29 j 07:20	24°♉38'54	0.62328 AU	
morning rise	-952 Feb 01 j 18:12	21°♉37'27		
direct	-952 Feb 08 j 18:16	19°♉02'09		
desc. node	-952 Feb 17 j 13:34	22°♉25'41		
morning max el	-952 Feb 22 j 18:10	26°♉52'55	27°46'19	
	-952 Feb 25 j 17:08	0°♒		
	-952 Mar 17 j 08:50	0°♓		
morning set	-952 Mar 27 j 06:34	18°♓44'18		
	-952 Apr 01 j 15:51	0°♈		
max. Earth dist.	-952 Apr 02 j 00:10	0°♈44'41	1.32741 AU	
superior conj	-952 Apr 03 j 18:30	4°♈33'13	0°-15'-18	
minimum elong	-952 Apr 03 j 19:13	4°♈37'07	0°15'10	
behind sun begin	-952 Apr 03 j 17:43	4°♈28'54		
behind sun end	-952 Apr 03 j 20:44	4°♈45'19		
asc. node	-952 Apr 05 j 05:25	7°♈42'48		
evening rise	-952 Apr 10 j 19:14	19°♈44'02		
	-952 Apr 15 j 20:16	0°♉		
evening max el	-952 May 05 j 09:03	28°♉52'28	24°08'09	
	-952 May 06 j 14:16	0°♊		
desc. node	-952 May 15 j 12:47	5°♊19'14		
retrograde	-952 May 19 j 05:31	5°♊50'29		
evening set	-952 May 23 j 15:18	5°♊07'16		
min. Earth dist.	-952 May 29 j 20:27	2°♊05'16	0.56512 AU	
inferior conj	-952 Jun 01 j 09:15	0°♊30'30	-4°-2'-19	
minimum elong	-952 Jun 01 j 03:26	0°♊39'37	4°01'15	
	-952 Jun 02 j 04:51	30°℞♉		
morning rise	-952 Jun 09 j 19:24	26°♉28'52		
direct	-952 Jun 12 j 09:36	26°♉11'07		
	-952 Jun 21 j 08:20	0°♊		
morning max el	-952 Jun 22 j 02:54	0°♊41'27	19°42'47	
asc. node	-952 Jul 02 j 04:42	14°♊23'32		
morning set	-952 Jul 09 j 17:34	28°♊43'36		
	-952 Jul 10 j 08:44	0°♋		
superior conj	-952 Jul 17 j 17:37	14°♋50'59	1°46'52	
minimum elong	-952 Jul 17 j 16:53	14°♋47'18	1°46'51	
max. Earth dist.	-952 Jul 23 j 12:10	25°♋59'20	1.37315 AU	
	-952 Jul 25 j 16:10	0°♌		
evening rise	-952 Jul 27 j 09:28	3°♌06'59		
desc. node	-952 Aug 11 j 12:07	27°♌59'13		
	-952 Aug 12 j 20:27	0°♍		
evening max el	-952 Sep 01 j 04:54	24°♍35'17	25°26'43	
	-952 Sep 08 j 01:39	0°♎		
retrograde	-952 Sep 13 j 06:36	1°♎32'34		
	-952 Sep 17 j 23:02	30°℞♍		
evening set	-952 Sep 19 j 04:39	29°♍03'11		
min. Earth dist.	-952 Sep 23 j 15:06	24°♍07'13	0.66953 AU	
inferior conj	-952 Sep 24 j 17:10	22°♍42'53	-1°-10'-32	
minimum elong	-952 Sep 24 j 18:55	22°♍37'12	1°09'49	
asc. node	-952 Sep 28 j 03:52	18°♍35'54		
morning rise	-952 Sep 30 j 09:47	16°♍42'40		
direct	-952 Oct 03 j 17:49	15°♍38'18		
morning max el	-952 Oct 10 j 23:31	19°♍45'29	19°28'41	
	-952 Oct 19 j 01:45	0°♎		
greatest brilliancy	-952 Oct 20 j 01:02	1°♎23'48	-0.7m	
morning set	-952 Nov 04 j 03:38	24°♎24'54		
desc. node	-952 Nov 07 j 11:25	29°♎35'12		
	-952 Nov 07 j 17:47	0°♏		
max. Earth dist.	-952 Nov 17 j 09:57	15°♏11'01	1.44470 AU	
superior conj	-952 Nov 20 j 23:28	20°♏51'05	-1°-20'-45	
minimum elong	-952 Nov 20 j 15:27	20°♏19'01	1°19'57	
	-952 Nov 26 j 15:39	0°♐		
evening rise	-952 Dec 05 j 06:04	14°♐11'43		
	-952 Dec 14 j 18:33	0°♑		
evening max el	-952 Dec 24 j 07:28	13°♑15'13	18°24'33	
asc. node	-952 Dec 25 j 03:07	14°♑02'50		
retrograde	-952 Dec 30 j 20:28	16°♑50'02		
evening set	-951 Jan 02 j 18:41	16°♑03'22		
inferior conj	-951 Jan 08 j 19:23	10°♑32'42	3°41'29	
minimum elong	-951 Jan 08 j 17:21	10°♑38'31	3°41'12	
min. Earth dist.	-951 Jan 11 j 00:18	8°♑01'25	0.64109 AU	
morning rise	-951 Jan 14 j 14:35	4°♑28'20		
direct	-951 Jan 21 j 12:34	1°♑38'38		
desc. node	-951 Feb 03 j 10:37	8°♑47'14		
morning max el	-951 Feb 04 j 02:35	9°♑26'25	27°28'58	
	-951 Feb 20 j 05:16	0°♒		
	-951 Mar 09 j 16:11	0°♓		
morning set	-951 Mar 11 j 01:58	2°♓44'58		
max. Earth dist.	-951 Mar 16 j 02:23	12°♓55'50	1.33481 AU	
superior conj	-951 Mar 19 j 00:48	19°♓06'43	0°-41'-44	
minimum elong	-951 Mar 19 j 02:47	19°♓17'11	0°41'22	
asc. node	-951 Mar 23 j 02:27	27°♓49'01		
	-951 Mar 24 j 02:58	0°♈		
evening rise	-951 Mar 26 j 06:39	4°♈33'33		
	-951 Apr 09 j 05:46	0°♉		
evening max el	-951 Apr 17 j 01:16	9°♉29'26	22°33'02	
retrograde	-951 Apr 30 j 02:57	15°♉55'24		
desc. node	-951 May 02 j 09:50	15°♉43'51		
evening set	-951 May 03 j 04:57	15°♉34'34		
min. Earth dist.	-951 May 11 j 09:30	12°♉01'13	0.55345 AU	
inferior conj	-951 May 12 j 12:32	11°♉22'45	-2°-43'-52	
minimum elong	-951 May 12 j 05:54	11°♉32'13	2°41'54	
morning rise	-951 May 21 j 09:07	7°♉28'22		
direct	-951 May 24 j 03:52	7°♉10'31		
morning max el	-951 Jun 04 j 12:36	12°♉28'26	20°59'36	
	-951 Jun 17 j 03:23	0°♊		
asc. node	-951 Jun 19 j 01:44	3°♊34'30		
morning set	-951 Jun 24 j 00:41	13°♊25'33		
superior conj	-951 Jul 01 j 13:27	29°♊03'59	1°39'45	
minimum elong	-951 Jul 01 j 11:30	28°♊53'55	1°39'36	
	-951 Jul 02 j 00:22	0°♋		
max. Earth dist.	-951 Jul 05 j 21:27	7°♋49'13	1.35597 AU	
evening rise	-951 Jul 10 j 04:23	16°♋06'00		
	-951 Jul 17 j 22:47	0°♌		
desc. node	-951 Jul 29 j 09:10	17°♌59'44		
	-951 Aug 07 j 07:32	0°♍		
evening max el	-951 Aug 14 j 16:38	8°♍10'37	26°29'06	
retrograde	-951 Aug 27 j 12:21	15°♍23'21		
evening set	-951 Sep 03 j 00:28	12°♍41'58		
min. Earth dist.	-951 Sep 07 j 03:05	8°♍23'44	0.66127 AU	
inferior conj	-951 Sep 08 j 16:59	6°♍28'39	-2°-5'-30	
minimum elong	-951 Sep 08 j 20:05	6°♍19'14	2°04'19	
morning rise	-951 Sep 14 j 16:44	0°♍39'45		
asc. node	-951 Sep 15 j 00:56	0°♍29'00		
	-951 Sep 16 j 07:59	30°℞♌		
direct	-951 Sep 17 j 15:51	29°♌50'00		
	-951 Sep 19 j 00:07	0°♍		
morning max el	-951 Sep 24 j 09:33	3°♍34'24	18°40'22	
	-951 Oct 12 j 14:16	0°♎		
morning set	-951 Oct 15 j 01:07	3°♎55'00		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

desc. node	-951 Oct	25 j 08:27	20°♎16'15	
superior conj	-951 Oct	31 j 01:14	29°♎14'44	0°-36'-31
minimum elong	-951 Oct	30 j 20:28	28°♎55'59	0°35'54
max. Earth dist.	-951 Oct	31 j 04:00	29°♎25'39	1.44979 AU
	-951 Oct	31 j 12:44	0°♏	
evening rise	-951 Nov	16 j 00:14	24°♏29'18	
	-951 Nov	19 j 11:02	0°♐	
evening max el	-951 Dec	07 j 18:06	26°♐40'41	18°58'02
asc. node	-951 Dec	12 j 00:11	29°♐57'04	
	-951 Dec	12 j 02:45	0°♑	
retrograde	-951 Dec	14 j 14:47	0°♑34'24	
	-951 Dec	17 j 01:20	30°℞♐	
evening set	-951 Dec	17 j 18:53	29°♐36'24	
inferior conj	-951 Dec	23 j 12:53	23°♐48'30	3°15'45
minimum elong	-951 Dec	23 j 10:07	23°♐57'08	3°15'08
min. Earth dist.	-951 Dec	25 j 02:39	21°♐51'00	0.65529 AU
morning rise	-951 Dec	29 j 00:25	17°♐38'04	
direct	-950 Jan	04 j 13:11	14°♐48'45	
morning max el	-950 Jan	17 j 12:15	22°♐23'50	26°40'35
desc. node	-950 Jan	21 j 07:39	26°♐30'29	
	-950 Jan	24 j 05:37	0°♑	
	-950 Feb	13 j 11:06	0°♒	
morning set	-950 Feb	22 j 10:17	16°♒07'41	
max. Earth dist.	-950 Feb	26 j 18:05	24°♒32'52	1.34660 AU
	-950 Mar	01 j 10:53	0°♓	
superior conj	-950 Mar	03 j 01:24	3°♓18'04	-1°-7'-22
minimum elong	-950 Mar	03 j 04:28	3°♓33'54	1°06'53
asc. node	-950 Mar	09 j 23:31	17°♓46'07	
evening rise	-950 Mar	10 j 15:54	19°♓11'03	
	-950 Mar	16 j 02:00	0°♈	
evening max el	-950 Mar	30 j 00:43	20°♈24'33	21°04'29
retrograde	-950 Apr	10 j 16:27	26°♈02'26	
evening set	-950 Apr	13 j 00:10	25°♈49'51	
desc. node	-950 Apr	19 j 06:51	23°♈30'32	
inferior conj	-950 Apr	22 j 07:05	21°♈51'28	0°-51'-21
minimum elong	-950 Apr	22 j 04:39	21°♈54'54	0°50'30
min. Earth dist.	-950 Apr	22 j 22:39	21°♈29'27	0.55047 AU
morning rise	-950 May	01 j 08:38	17°♈46'57	
direct	-950 May	04 j 14:38	17°♈24'05	
morning max el	-950 May	17 j 11:51	23°♈34'20	22°32'44
	-950 May	23 j 05:22	0°♉	
asc. node	-950 Jun	05 j 22:48	23°♉09'52	
morning set	-950 Jun	08 j 11:09	28°♉19'40	
	-950 Jun	09 j 06:19	0°♊	
superior conj	-950 Jun	15 j 16:46	13°♊40'52	1°26'51
minimum elong	-950 Jun	15 j 14:17	13°♊27'40	1°26'33
max. Earth dist.	-950 Jun	18 j 16:09	19°♊55'00	1.34230 AU
evening rise	-950 Jun	23 j 14:10	29°♊50'17	
	-950 Jun	23 j 16:09	0°♋	
	-950 Jul	11 j 00:26	0°♌	
desc. node	-950 Jul	16 j 06:12	7°♌32'01	
evening max el	-950 Jul	28 j 04:24	21°♌36'48	27°10'50
retrograde	-950 Aug	10 j 12:38	28°♌56'17	
evening set	-950 Aug	17 j 11:55	26°♌10'48	
min. Earth dist.	-950 Aug	21 j 07:24	22°♌30'17	0.64939 AU
inferior conj	-950 Aug	23 j 10:22	20°♌08'03	-2°-57'-55
minimum elong	-950 Aug	23 j 14:32	19°♌56'24	2°56'35
morning rise	-950 Aug	29 j 18:42	14°♌33'51	
direct	-950 Sep	01 j 11:16	13°♌55'16	
asc. node	-950 Sep	01 j 21:59	13°♌56'21	
morning max el	-950 Sep	07 j 23:45	17°♌25'45	18°08'42
	-950 Sep	17 j 03:42	0°♍	
morning set	-950 Sep	26 j 03:03	14°♍48'48	
	-950 Oct	05 j 08:26	0°♎	

superior conj	-950 Oct	10 j 06:02	7°♎52'55	0°12'56
minimum elong	-950 Oct	10 j 07:37	7°♎59'15	0°12'42
behind sun begin	-950 Oct	10 j 00:49	7°♎32'07	
behind sun end	-950 Oct	10 j 14:25	8°♎26'21	
desc. node	-950 Oct	12 j 05:31	11°♎01'53	
max. Earth dist.	-950 Oct	13 j 22:53	13°♎45'40	1.44745 AU
	-950 Oct	24 j 07:55	0°♏	
evening rise	-950 Oct	26 j 19:49	3°♏52'22	
	-950 Nov	13 j 01:17	0°♐	
greatest brilliancy	-950 Nov	13 j 08:47	0°♐26'41	-0.6m
evening max el	-950 Nov	21 j 00:41	10°♐08'00	19°47'44
retrograde	-950 Nov	28 j 11:56	14°♐29'26	
asc. node	-950 Nov	28 j 21:14	14°♐28'34	
evening set	-950 Dec	01 j 23:38	13°♐18'14	
inferior conj	-950 Dec	07 j 13:03	7°♐16'11	2°40'01
minimum elong	-950 Dec	07 j 10:13	7°♐25'33	2°39'09
min. Earth dist.	-950 Dec	08 j 13:06	5°♐56'45	0.66563 AU
morning rise	-950 Dec	12 j 20:08	1°♐01'49	
	-950 Dec	14 j 03:08	30°℞♏	
direct	-950 Dec	18 j 19:31	28°♏24'11	
	-950 Dec	24 j 00:37	0°♐	
morning max el	-950 Dec	30 j 21:21	5°♐34'09	25°29'19
desc. node	-949 Jan	08 j 04:42	15°♐11'49	
	-949 Jan	18 j 18:54	0°♑	
morning set	-949 Feb	05 j 02:50	28°♑38'50	
	-949 Feb	05 j 20:39	0°♒	
max. Earth dist.	-949 Feb	08 j 22:13	5°♒41'58	1.36280 AU
superior conj	-949 Feb	14 j 17:33	16°♒59'09	-1°-30'-34
minimum elong	-949 Feb	14 j 21:13	17°♒17'28	1°30'07
	-949 Feb	21 j 03:39	0°♓	
evening rise	-949 Feb	22 j 20:55	3°♓29'45	
asc. node	-949 Feb	24 j 20:34	7°♓28'57	
	-949 Mar	10 j 15:04	0°♈	
evening max el	-949 Mar	12 j 10:56	1°♈54'24	19°51'11
retrograde	-949 Mar	22 j 09:50	6°♈40'20	
evening set	-949 Mar	24 j 13:31	6°♈27'56	
inferior conj	-949 Apr	02 j 07:12	2°♈26'23	1°04'36
minimum elong	-949 Apr	02 j 09:55	2°♈22'12	1°03'41
min. Earth dist.	-949 Apr	04 j 12:52	1°♈03'49	0.55697 AU
desc. node	-949 Apr	06 j 03:52	0°♈06'47	
	-949 Apr	06 j 08:44	30°℞♓	
morning rise	-949 Apr	11 j 03:11	27°♓54'16	
direct	-949 Apr	15 j 06:45	27°♓16'10	
	-949 Apr	23 j 20:47	0°♈	
morning max el	-949 Apr	29 j 04:12	4°♈11'45	24°13'14
	-949 May	17 j 06:43	0°♉	
morning set	-949 May	23 j 23:05	13°♉19'04	
asc. node	-949 May	23 j 19:51	13°♉02'09	
superior conj	-949 May	31 j 00:53	28°♉32'15	1°09'28
minimum elong	-949 May	30 j 22:26	28°♉19'00	1°09'04
	-949 May	31 j 17:08	0°♊	
max. Earth dist.	-949 Jun	01 j 19:44	2°♊22'52	1.33246 AU
evening rise	-949 Jun	07 j 10:33	14°♊06'30	
	-949 Jun	15 j 19:00	0°♋	
desc. node	-949 Jul	03 j 03:13	26°♋23'18	
	-949 Jul	06 j 03:36	0°♌	
evening max el	-949 Jul	10 j 14:36	4°♌41'08	27°25'21
retrograde	-949 Jul	24 j 07:11	12°♌01'44	
evening set	-949 Jul	31 j 11:47	9°♌23'51	
min. Earth dist.	-949 Aug	04 j 02:17	6°♌16'35	0.63380 AU
inferior conj	-949 Aug	06 j 18:38	3°♌34'41	-3°-44'-40
minimum elong	-949 Aug	06 j 23:10	3°♌23'16	3°43'35
	-949 Aug	10 j 16:12	30°℞♋	
morning rise	-949 Aug	13 j 12:45	28°♋18'27	
direct	-949 Aug	16 j 01:12	27°♋47'55	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

asc. node	-949 Aug 19 j 19:02	28°♋56'09	
	-949 Aug 21 j 07:03	0°♌	
morning max el	-949 Aug 22 j 15:20	1°♌13'05	17°54'33
morning set	-949 Sep 08 j 05:53	26°♌53'42	
	-949 Sep 10 j 00:33	0°♍	
superior conj	-949 Sep 20 j 08:40	17°♍37'27	0°55'31
minimum elong	-949 Sep 20 j 13:40	17°♍58'11	0°54'54
max. Earth dist.	-949 Sep 26 j 14:59	27°♍50'43	1.43807 AU
	-949 Sep 27 j 23:18	0°♎	
desc. node	-949 Sep 29 j 02:34	1°♎48'32	
evening rise	-949 Oct 06 j 02:28	12°♎45'38	
	-949 Oct 17 j 11:27	0°♏	
greatest brilliancy	-949 Oct 29 j 10:07	16°♏54'38	-0.5m
evening max el	-949 Nov 04 j 01:46	23°♏35'46	20°51'29
retrograde	-949 Nov 12 j 09:30	28°♏31'37	
asc. node	-949 Nov 15 j 18:14	27°♏27'10	
evening set	-949 Nov 16 j 06:52	27°♏05'10	
inferior conj	-949 Nov 21 j 17:26	20°♏52'28	1°56'57
minimum elong	-949 Nov 21 j 15:03	21°♏00'36	1°56'03
min. Earth dist.	-949 Nov 22 j 05:25	20°♏11'30	0.67228 AU
morning rise	-949 Nov 26 j 22:49	14°♏36'30	
direct	-949 Dec 02 j 07:06	12°♏17'37	
morning max el	-949 Dec 13 j 05:56	18°♏49'43	24°05'02
	-949 Dec 22 j 16:25	0°♐	
desc. node	-949 Dec 26 j 01:46	4°♐34'30	
	-948 Jan 11 j 21:58	0°♑	
morning set	-948 Jan 17 j 21:41	10°♑02'22	
max. Earth dist.	-948 Jan 21 j 18:16	16°♑48'40	1.38254 AU
superior conj	-948 Jan 28 j 21:44	0°♒00'47	-1°-48'-58
minimum elong	-948 Jan 29 j 01:01	0°♒16'28	1°48'44
	-948 Jan 28 j 21:34	0°♒	
evening rise	-948 Feb 06 j 19:19	17°♒23'02	
asc. node	-948 Feb 11 j 17:35	26°♒52'02	
	-948 Feb 13 j 10:50	0°♓	
evening max el	-948 Feb 23 j 07:49	14°♓02'02	18°56'55
retrograde	-948 Mar 02 j 17:49	18°♓05'25	
evening set	-948 Mar 05 j 00:44	17°♓48'39	
inferior conj	-948 Mar 13 j 00:24	13°♓32'09	2°34'46
minimum elong	-948 Mar 13 j 04:55	13°♓24'06	2°33'35
min. Earth dist.	-948 Mar 16 j 05:01	11°♓16'47	0.57153 AU
morning rise	-948 Mar 21 j 04:56	8°♓27'36	
desc. node	-948 Mar 23 j 00:53	7°♓49'25	
direct	-948 Mar 26 j 12:19	7°♓20'13	
morning max el	-948 Apr 09 j 19:20	14°♓45'28	25°47'16
	-948 Apr 21 j 23:09	0°♈	
morning set	-948 May 07 j 10:50	28°♈18'00	
	-948 May 08 j 06:09	0°♉	
asc. node	-948 May 09 j 16:55	3°♉05'50	
superior conj	-948 May 14 j 11:43	13°♉31'04	0°48'36
minimum elong	-948 May 14 j 09:46	13°♉20'23	0°48'14
max. Earth dist.	-948 May 15 j 05:39	15°♉09'07	1.32642 AU
evening rise	-948 May 21 j 14:16	28°♉44'27	
	-948 May 22 j 04:56	0°♊	
	-948 Jun 08 j 00:54	0°♋	
desc. node	-948 Jun 19 j 00:12	14°♋16'26	
evening max el	-948 Jun 21 j 21:01	17°♋11'48	27°07'58
retrograde	-948 Jul 05 j 19:01	24°♋30'16	
evening set	-948 Jul 12 j 20:01	22°♋14'15	
min. Earth dist.	-948 Jul 16 j 11:05	19°♋29'34	0.61506 AU
inferior conj	-948 Jul 19 j 14:40	16°♋41'25	-4°-20'-51
minimum elong	-948 Jul 19 j 18:17	16°♋33'21	4°20'20
morning rise	-948 Jul 26 j 19:24	11°♋45'51	
direct	-948 Jul 29 j 06:08	11°♋20'48	
morning max el	-948 Aug 05 j 05:24	14°♋49'22	17°58'53
asc. node	-948 Aug 05 j 16:06	15°♋16'09	
	-948 Aug 15 j 16:30	0°♌	
morning set	-948 Aug 21 j 03:44	9°♌53'14	
superior conj	-948 Aug 31 j 14:45	28°♌43'00	1°25'19
minimum elong	-948 Aug 31 j 19:21	29°♌03'02	1°24'53
	-948 Sep 01 j 08:27	0°♍	
max. Earth dist.	-948 Sep 08 j 02:04	11°♍24'31	1.42302 AU
evening rise	-948 Sep 14 j 14:15	21°♍55'56	
desc. node	-948 Sep 14 j 23:35	22°♍32'48	
	-948 Sep 19 j 18:29	0°♎	
	-948 Oct 10 j 18:29	0°♏	
greatest brilliancy	-948 Oct 12 j 03:23	1°♏42'28	-0.3m
evening max el	-948 Oct 16 j 21:02	7°♏03'41	22°05'46
retrograde	-948 Oct 26 j 05:31	12°♏37'27	
evening set	-948 Oct 30 j 14:42	10°♏53'45	
asc. node	-948 Nov 01 j 15:17	8°♏55'42	
inferior conj	-948 Nov 04 j 23:58	4°♏34'07	1°08'24
minimum elong	-948 Nov 04 j 22:27	4°♏39'23	1°07'45
min. Earth dist.	-948 Nov 05 j 01:04	4°♏30'18	0.67560 AU
	-948 Nov 08 j 12:51	30°℞♎	
morning rise	-948 Nov 10 j 05:59	28°♎19'03	
direct	-948 Nov 14 j 23:03	26°♎22'12	
	-948 Nov 22 j 09:41	0°♏	
morning max el	-948 Nov 24 j 16:18	2°♏08'26	22°37'31
greatest brilliancy	-948 Nov 29 j 07:52	7°♏21'04	-0.3m
desc. node	-948 Dec 11 j 22:49	24°♏25'56	
	-948 Dec 15 j 17:26	0°♐	
morning set	-948 Dec 28 j 12:42	20°♐02'15	
max. Earth dist.	-947 Jan 02 j 14:02	28°♐28'32	1.40371 AU
	-947 Jan 03 j 11:28	0°♑	
superior conj	-947 Jan 10 j 09:15	12°♑10'12	-1°-59'-23
minimum elong	-947 Jan 10 j 10:32	12°♑15'59	1°59'22
	-947 Jan 19 j 23:02	0°♒	
evening rise	-947 Jan 20 j 08:01	0°♒42'31	
asc. node	-947 Jan 28 j 14:36	15°♒47'54	
evening max el	-947 Feb 05 j 12:52	26°♒40'07	18°22'39
	-947 Feb 10 j 19:24	0°♓	
retrograde	-947 Feb 12 j 20:28	0°♓16'55	
	-947 Feb 14 j 22:32	30°℞♒	
evening set	-947 Feb 15 j 07:55	29°♒53'12	
inferior conj	-947 Feb 22 j 14:25	25°♒15'55	3°29'04
minimum elong	-947 Feb 22 j 17:35	25°♒09'19	3°28'35
min. Earth dist.	-947 Feb 26 j 00:40	22°♒26'34	0.59104 AU
morning rise	-947 Mar 01 j 23:38	19°♒45'29	
direct	-947 Mar 08 j 07:00	18°♒00'20	
desc. node	-947 Mar 09 j 21:56	18°♒07'10	
morning max el	-947 Mar 22 j 14:17	25°♒40'46	26°59'56
	-947 Mar 26 j 15:03	0°♓	
	-947 Apr 15 j 05:35	0°♈	
morning set	-947 Apr 21 j 20:43	13°♈09'58	
asc. node	-947 Apr 26 j 13:57	23°♈15'34	
superior conj	-947 Apr 28 j 23:29	28°♈30'28	0°25'07
minimum elong	-947 Apr 28 j 22:23	28°♈24'27	0°24'54
max. Earth dist.	-947 Apr 28 j 18:28	28°♈02'59	1.32396 AU
	-947 Apr 29 j 15:47	0°♉	
evening rise	-947 May 05 j 22:42	13°♉34'57	
	-947 May 14 j 07:09	0°♊	
evening max el	-947 Jun 03 j 21:30	28°♊59'54	26°17'58
	-947 Jun 04 j 23:29	0°♋	
desc. node	-947 Jun 05 j 21:11	0°♋47'18	
retrograde	-947 Jun 17 j 22:32	6°♋14'26	
evening set	-947 Jun 24 j 08:07	4°♋32'48	
min. Earth dist.	-947 Jun 28 j 10:33	1°♋54'43	0.59459 AU
	-947 Jun 30 j 22:07	30°℞♊	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

inferior conj	-947 Jul 01 j 18:54	29°♊19'15	-4°-38'-43	
minimum elong	-947 Jul 01 j 19:43	29°♊17'41	4°38'41	
morning rise	-947 Jul 09 j 10:46	24°♊46'10		
direct	-947 Jul 11 j 22:01	24°♊24'42		
morning max el	-947 Jul 19 j 14:58	28°♊06'50	18°22'56	
	-947 Jul 21 j 09:58	0°♋		
asc. node	-947 Jul 23 j 13:11	2°♋41'10		
morning set	-947 Aug 04 j 15:30	23°♋34'08		
	-947 Aug 08 j 00:15	0°♌		
superior conj	-947 Aug 13 j 21:07	11°♌01'07	1°42'01	
minimum elong	-947 Aug 13 j 23:35	11°♌12'29	1°41'54	
max. Earth dist.	-947 Aug 21 j 08:07	24°♌18'34	1.40426 AU	
	-947 Aug 24 j 16:34	0°♍		
evening rise	-947 Aug 25 j 22:35	2°♍04'49		
desc. node	-947 Sep 01 j 20:35	13°♍11'27		
	-947 Sep 13 j 03:12	0°♎		
evening max el	-947 Sep 29 j 11:36	20°♎34'03	23°25'33	
retrograde	-947 Oct 09 j 22:38	26°♎44'56		
evening set	-947 Oct 14 j 21:30	24°♎42'41		
asc. node	-947 Oct 19 j 12:20	19°♎23'23		
inferior conj	-947 Oct 20 j 06:55	18°♎19'49	0°16'02	
minimum elong	-947 Oct 20 j 06:32	18°♎21'08	0°15'51	
transit middle	-947 Oct 20 j 06:32	18°♎21'08	0°15'51	
transit begin	-947 Oct 20 j 05:54	18°♎23'19		
transit end	-947 Oct 20 j 07:11	18°♎18'56		
min. Earth dist.	-947 Oct 19 j 21:39	18°♎51'35	0.67578 AU	
morning rise	-947 Oct 25 j 15:38	12°♎08'25		
direct	-947 Oct 29 j 18:28	10°♎33'48		
morning max el	-947 Nov 07 j 08:09	15°♎35'07	21°15'08	
greatest brilliancy	-947 Nov 12 j 15:53	21°♎43'54	-0.4m	
	-947 Nov 18 j 19:26	0°♏		
desc. node	-947 Nov 28 j 19:52	14°♏38'17		
morning set	-947 Dec 07 j 23:40	28°♏43'25		
	-947 Dec 08 j 19:06	0°♐		
max. Earth dist.	-947 Dec 15 j 16:32	11°♐04'55	1.42334 AU	
superior conj	-947 Dec 22 j 22:42	23°♐14'39	-1°-57'-38	
minimum elong	-947 Dec 22 j 20:01	23°♐03'08	1°57'35	
	-947 Dec 26 j 20:09	0°♑		
evening rise	-946 Jan 03 j 07:25	13°♑21'00		
	-946 Jan 12 j 19:06	0°♒		
asc. node	-946 Jan 15 j 11:38	4°♒08'23		
evening max el	-946 Jan 19 j 23:04	9°♒40'23	18°08'15	
retrograde	-946 Jan 26 j 15:52	13°♒06'28		
evening set	-946 Jan 29 j 07:19	12°♒34'35		
inferior conj	-946 Feb 04 j 23:43	7°♒35'16	3°51'35	
minimum elong	-946 Feb 05 j 00:30	7°♒33'23	3°51'33	
min. Earth dist.	-946 Feb 08 j 02:47	4°♒36'33	0.61187 AU	
morning rise	-946 Feb 11 j 15:04	1°♒47'07		
	-946 Feb 15 j 04:03	30°℞♑		
direct	-946 Feb 18 j 12:09	29°♑27'16		
	-946 Feb 21 j 23:05	0°♒		
desc. node	-946 Feb 24 j 19:00	1°♒11'20		
morning max el	-946 Mar 04 j 15:35	7°♒15'05	27°40'02	
	-946 Mar 21 j 22:14	0°♓		
morning set	-946 Apr 06 j 02:53	27°♓48'35		
	-946 Apr 07 j 04:18	0°♈		
max. Earth dist.	-946 Apr 12 j 06:27	10°♈51'42	1.32512 AU	
superior conj	-946 Apr 13 j 10:30	13°♈24'32	0°00'-12	
minimum elong	-946 Apr 13 j 10:31	13°♈24'36	0°00'12	
behind sun begin	-946 Apr 13 j 05:28	12°♈57'01		
behind sun end	-946 Apr 13 j 15:34	13°♈52'12		
asc. node	-946 Apr 13 j 10:59	13°♈27'10		
evening rise	-946 Apr 20 j 09:47	28°♈30'31		
	-946 Apr 21 j 02:48	0°♉		
	-946 May 08 j 02:41	0°♊		
evening max el	-946 May 16 j 15:25	10°♊04'50	25°00'31	
desc. node	-946 May 23 j 18:13	15°♊23'02		
retrograde	-946 May 30 j 15:30	17°♊11'45		
evening set	-946 Jun 04 j 21:18	16°♊08'45		
min. Earth dist.	-946 Jun 10 j 03:05	13°♊19'57	0.57488 AU	
inferior conj	-946 Jun 13 j 03:58	11°♊17'55	-4°-27'-7	
minimum elong	-946 Jun 13 j 00:25	11°♊23'54	4°26'44	
morning rise	-946 Jun 21 j 07:25	7°♊06'35		
direct	-946 Jun 23 j 20:29	6°♊47'40		
morning max el	-946 Jul 02 j 17:05	10°♊55'48	19°07'39	
asc. node	-946 Jul 10 j 10:15	20°♊56'19		
	-946 Jul 15 j 13:15	0°♋		
morning set	-946 Jul 19 j 13:04	7°♋45'00		
superior conj	-946 Jul 27 j 21:57	24°♋15'22	1°47'41	
minimum elong	-946 Jul 27 j 22:13	24°♋16'42	1°47'41	
	-946 Jul 30 j 22:15	0°♌		
max. Earth dist.	-946 Aug 03 j 11:13	6°♌32'25	1.38425 AU	
evening rise	-946 Aug 07 j 08:08	13°♌25'22		
	-946 Aug 17 j 08:50	0°♍		
desc. node	-946 Aug 19 j 17:36	3°♍39'48		
	-946 Sep 08 j 02:47	0°♎		
evening max el	-946 Sep 11 j 23:26	4°♎07'13	24°44'29	
retrograde	-946 Sep 23 j 11:53	10°♎49'59		
evening set	-946 Sep 29 j 01:34	8°♎29'34		
min. Earth dist.	-946 Oct 03 j 16:43	3°♎13'03	0.67280 AU	
inferior conj	-946 Oct 04 j 12:32	2°♎07'16	0°-38'-38	
minimum elong	-946 Oct 04 j 13:29	2°♎04'06	0°38'15	
asc. node	-946 Oct 06 j 09:25	29°♍42'00		
	-946 Oct 06 j 03:38	30°℞♍		
morning rise	-946 Oct 10 j 01:48	26°♍02'20		
direct	-946 Oct 13 j 16:04	24°♍47'55		
morning max el	-946 Oct 21 j 07:34	29°♍11'56	20°03'34	
	-946 Oct 22 j 02:00	0°♎		
greatest brilliancy	-946 Oct 28 j 11:54	7°♎59'19	-0.6m	
	-946 Nov 12 j 09:29	0°♏		
desc. node	-946 Nov 15 j 16:55	5°♏05'03		
morning set	-946 Nov 16 j 20:28	6°♏51'26		
max. Earth dist.	-946 Nov 28 j 02:46	24°♏32'14	1.43863 AU	
	-946 Dec 01 j 12:16	0°♐		
superior conj	-946 Dec 03 j 09:29	3°♐03'47	-1°-39'-29	
minimum elong	-946 Dec 03 j 02:25	2°♐35'02	1°38'57	
evening rise	-946 Dec 16 j 13:15	25°♐09'57		
	-946 Dec 19 j 08:39	0°♑		
asc. node	-945 Jan 02 j 08:40	21°♑42'44		
evening max el	-945 Jan 03 j 11:28	22°♑54'45	18°13'15	
retrograde	-945 Jan 09 j 23:31	26°♑23'27		
evening set	-945 Jan 12 j 18:58	25°♑42'33		
inferior conj	-945 Jan 19 j 00:32	20°♑22'35	3°50'18	
minimum elong	-945 Jan 18 j 23:19	20°♑25'54	3°50'12	
min. Earth dist.	-945 Jan 21 j 14:06	17°♑36'36	0.63119 AU	
morning rise	-945 Jan 25 j 01:52	14°♑22'44		
direct	-945 Feb 01 j 01:55	11°♑39'47		
desc. node	-945 Feb 11 j 16:04	16°♑31'24		
morning max el	-945 Feb 14 j 22:22	19°♑30'08	27°43'19	
	-945 Feb 23 j 21:54	0°♒		
	-945 Mar 14 j 19:58	0°♓		
morning set	-945 Mar 21 j 03:05	12°♓06'20		
max. Earth dist.	-945 Mar 26 j 13:34	23°♓21'14	1.33005 AU	
superior conj	-945 Mar 28 j 19:06	28°♓07'40	0°-26'-30	
minimum elong	-945 Mar 28 j 20:21	28°♓14'24	0°26'16	
	-945 Mar 29 j 15:56	0°♈		
asc. node	-945 Mar 31 j 08:02	3°♈36'46		
evening rise	-945 Apr 04 j 21:38	13°♈24'26		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-945 Apr 13 j 08:11	0°♉	
evening max el	-945 Apr 28 j 06:11	20°♉43'32	23°27'38
desc. node	-945 May 10 j 15:15	27°♉27'28	
retrograde	-945 May 11 j 20:27	27°♉30'50	
evening set	-945 May 15 j 15:58	26°♉58'51	
min. Earth dist.	-945 May 22 j 16:33	23°♉45'06	0.55924 AU
inferior conj	-945 May 24 j 17:03	22°♉33'01	-3°-34'-26
minimum elong	-945 May 24 j 10:14	22°♉43'11	3°32'51
morning rise	-945 Jun 02 j 08:00	18°♉36'43	
direct	-945 Jun 04 j 23:41	18°♉19'21	
morning max el	-945 Jun 15 j 09:20	23°♉08'02	20°13'09
	-945 Jun 21 j 05:49	0°♊	
asc. node	-945 Jun 27 j 07:19	9°♊49'55	
morning set	-945 Jul 03 j 17:26	22°♊17'48	
	-945 Jul 07 j 11:43	0°♋	
superior conj	-945 Jul 11 j 12:06	8°♋11'00	1°44'39
minimum elong	-945 Jul 11 j 10:46	8°♋04'14	1°44'36
max. Earth dist.	-945 Jul 16 j 16:17	18°♋22'12	1.36546 AU
evening rise	-945 Jul 20 j 16:19	25°♋52'20	
	-945 Jul 22 j 23:10	0°♌	
desc. node	-945 Aug 06 j 14:36	23°♌52'26	
	-945 Aug 10 j 20:34	0°♍	
evening max el	-945 Aug 25 j 10:39	17°♍42'25	25°55'08
retrograde	-945 Sep 06 j 20:40	24°♍47'56	
evening set	-945 Sep 13 j 01:01	22°♍12'21	
min. Earth dist.	-945 Sep 17 j 07:58	17°♍32'29	0.66649 AU
inferior conj	-945 Sep 18 j 15:01	15°♍54'26	-1°-34'-2
minimum elong	-945 Sep 18 j 17:22	15°♍47'03	1°33'05
asc. node	-945 Sep 23 j 06:30	10°♍48'37	
morning rise	-945 Sep 24 j 10:32	9°♍58'53	
direct	-945 Sep 27 j 14:24	9°♍01'21	
morning max el	-945 Oct 04 j 14:16	12°♍57'42	19°06'08
	-945 Oct 17 j 02:59	0°♎	
morning set	-945 Oct 27 j 03:35	15°♎36'56	
desc. node	-945 Nov 02 j 13:57	25°♎41'49	
	-945 Nov 05 j 07:48	0°♏	
max. Earth dist.	-945 Nov 10 j 18:23	8°♏33'11	1.44773 AU
superior conj	-945 Nov 12 j 19:32	11°♏47'11	-1°-3'-25
minimum elong	-945 Nov 12 j 12:07	11°♏17'55	1°02'34
	-945 Nov 24 j 04:30	0°♐	
evening rise	-945 Nov 27 j 21:13	6°♐01'38	
	-945 Dec 12 j 22:35	0°♑	
evening max el	-945 Dec 17 j 23:23	6°♑16'55	18°36'43
asc. node	-945 Dec 20 j 05:44	8°♑17'31	
retrograde	-945 Dec 24 j 14:58	9°♑59'05	
evening set	-945 Dec 27 j 15:23	9°♑07'56	
inferior conj	-944 Jan 02 j 12:56	3°♑29'34	3°32'02
minimum elong	-944 Jan 02 j 10:30	3°♑36'49	3°31'36
min. Earth dist.	-944 Jan 04 j 11:20	1°♑11'32	0.64750 AU
	-944 Jan 05 j 12:27	30°℞♐	
morning rise	-944 Jan 08 j 04:24	27°♐22'02	
direct	-944 Jan 14 j 23:00	24°♐30'46	
	-944 Jan 25 j 22:17	0°♑	
morning max el	-944 Jan 28 j 07:46	2°♑15'33	27°11'53
desc. node	-944 Jan 29 j 13:08	3°♑30'48	
	-944 Feb 18 j 03:08	0°♒	
morning set	-944 Mar 03 j 18:16	25°♒52'22	
	-944 Mar 05 j 20:39	0°♓	
max. Earth dist.	-944 Mar 08 j 11:39	5°♓18'02	1.33918 AU
superior conj	-944 Mar 11 j 23:14	12°♓32'14	0°-52'-47
minimum elong	-944 Mar 12 j 01:42	12°♓45'13	0°52'21
asc. node	-944 Mar 17 j 05:03	23°♓39'22	
evening rise	-944 Mar 19 j 08:19	28°♓09'11	
	-944 Mar 20 j 05:38	0°♈	
	-944 Apr 07 j 15:10	0°♉	
evening max el	-944 Apr 09 j 00:41	1°♉24'46	21°54'01
retrograde	-944 Apr 21 j 13:59	7°♉32'24	
evening set	-944 Apr 24 j 05:55	7°♉16'34	
desc. node	-944 Apr 26 j 12:17	6°♉39'56	
min. Earth dist.	-944 May 03 j 05:46	3°♉25'14	0.55098 AU
inferior conj	-944 May 03 j 15:04	3°♉12'09	-1°-58'-54
minimum elong	-944 May 03 j 09:44	3°♉19'39	1°57'09
	-944 May 10 j 02:17	30°℞♈	
morning rise	-944 May 12 j 14:46	29°♈15'41	
direct	-944 May 15 j 12:50	28°♈56'44	
	-944 May 20 j 17:33	0°♉	
morning max el	-944 May 27 j 14:32	4°♉37'25	21°37'34
asc. node	-944 Jun 13 j 04:22	29°♉11'48	
	-944 Jun 13 j 14:12	0°♊	
morning set	-944 Jun 17 j 02:12	7°♊05'12	
superior conj	-944 Jun 24 j 11:30	22°♊35'14	1°34'54
minimum elong	-944 Jun 24 j 09:14	22°♊23'27	1°34'42
max. Earth dist.	-944 Jun 28 j 04:58	0°♋14'53	1.34968 AU
	-944 Jun 28 j 02:02	0°♋	
evening rise	-944 Jul 02 j 18:08	9°♋12'06	
	-944 Jul 14 j 12:00	0°♌	
desc. node	-944 Jul 23 j 11:38	13°♌41'57	
	-944 Aug 05 j 16:15	0°♍	
evening max el	-944 Aug 06 j 22:24	1°♍14'41	26°49'46
retrograde	-944 Aug 20 j 00:25	8°♍32'03	
evening set	-944 Aug 26 j 17:39	5°♍47'40	
min. Earth dist.	-944 Aug 30 j 17:02	1°♍45'34	0.65664 AU
	-944 Sep 01 j 04:59	30°℞♌	
inferior conj	-944 Sep 01 j 12:24	29°♌38'06	-2°-28'-13
minimum elong	-944 Sep 01 j 16:01	29°♌27'30	2°26'56
morning rise	-944 Sep 07 j 15:40	23°♌55'01	
asc. node	-944 Sep 09 j 03:34	23°♌20'30	
direct	-944 Sep 10 j 11:34	23°♌10'35	
morning max el	-944 Sep 17 j 02:24	26°♌48'25	18°24'44
	-944 Sep 19 j 21:15	0°♍	
morning set	-944 Oct 06 j 13:09	25°♍42'48	
	-944 Oct 09 j 04:38	0°♎	
desc. node	-944 Oct 19 j 10:59	16°♎25'11	
superior conj	-944 Oct 21 j 19:49	20°♎09'39	0°-15'-23
minimum elong	-944 Oct 21 j 17:47	20°♎01'38	0°15'08
behind sun begin	-944 Oct 21 j 13:36	19°♎45'07	
behind sun end	-944 Oct 21 j 21:58	20°♎18'09	
max. Earth dist.	-944 Oct 23 j 12:41	22°♎50'37	1.44965 AU
	-944 Oct 28 j 02:02	0°♏	
evening rise	-944 Nov 07 j 05:13	15°♏54'13	
	-944 Nov 16 j 04:52	0°♐	
greatest brilliancy	-944 Nov 20 j 14:31	6°♐45'18	-0.7m
evening max el	-944 Nov 30 j 08:32	19°♐43'34	19°17'21
asc. node	-944 Dec 06 j 02:47	23°♐38'16	
retrograde	-944 Dec 07 j 10:44	23°♐48'11	
evening set	-944 Dec 10 j 17:46	22°♐45'00	
inferior conj	-944 Dec 16 j 09:37	16°♐50'57	3°01'40
minimum elong	-944 Dec 16 j 06:44	17°♐00'09	3°00'54
min. Earth dist.	-944 Dec 17 j 17:27	15°♐09'03	0.66014 AU
morning rise	-944 Dec 21 j 18:52	10°♐38'29	
direct	-944 Dec 28 j 02:23	7°♐52'37	
morning max el	-943 Jan 09 j 17:12	15°♐19'15	26°12'27
desc. node	-943 Jan 15 j 10:10	21°♐41'09	
	-943 Jan 21 j 19:53	0°♑	
	-943 Feb 09 j 22:28	0°♒	
morning set	-943 Feb 14 j 20:29	8°♒54'41	
max. Earth dist.	-943 Feb 18 j 21:53	16°♒39'04	1.35292 AU
superior conj	-943 Feb 23 j 20:35	26°♒31'29	-1°-17'-38

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-943 Feb 23 j 23:59	26°♒48'50	1°17'08
	-943 Feb 25 j 13:17	0°♓	
evening rise	-943 Mar 03 j 15:59	12°♓38'48	
asc. node	-943 Mar 04 j 02:05	13°♓30'36	
	-943 Mar 12 j 18:50	0°♈	
evening max el	-943 Mar 22 j 04:36	12°♈33'33	20°31'13
retrograde	-943 Apr 02 j 03:09	17°♈48'22	
evening set	-943 Apr 04 j 07:40	17°♈36'39	
inferior conj	-943 Apr 13 j 10:09	13°♈39'17	0°00'-35
minimum elong	-943 Apr 13 j 10:07	13°♈39'20	0°00'34
transit middle	-943 Apr 13 j 10:07	13°♈39'20	0°00'34
transit begin	-943 Apr 13 j 06:04	13°♈45'13	
transit end	-943 Apr 13 j 14:10	13°♈33'26	
desc. node	-943 Apr 13 j 09:19	13°♈40'30	
min. Earth dist.	-943 Apr 14 j 19:29	12°♈50'56	0.55212 AU
morning rise	-943 Apr 22 j 10:42	9°♈24'18	
direct	-943 Apr 26 j 00:49	8°♈56'19	
morning max el	-943 May 09 j 10:05	15°♈27'59	23°15'11
	-943 May 20 j 19:17	0°♉	
asc. node	-943 May 31 j 01:24	18°♉54'34	
morning set	-943 Jun 01 j 13:26	22°♉01'34	
	-943 Jun 05 j 07:24	0°♊	
superior conj	-943 Jun 08 j 17:05	7°♊18'40	1°19'57
minimum elong	-943 Jun 08 j 14:33	7°♊05'05	1°19'37
max. Earth dist.	-943 Jun 11 j 03:36	12°♊29'17	1.33769 AU
evening rise	-943 Jun 16 j 08:52	23°♊11'10	
	-943 Jun 19 j 21:10	0°♋	
	-943 Jul 08 j 04:06	0°♌	
desc. node	-943 Jul 10 j 08:39	2°♌58'11	
evening max el	-943 Jul 20 j 09:56	14°♌33'30	27°20'46
retrograde	-943 Aug 02 j 22:22	21°♌53'47	
evening set	-943 Aug 10 j 00:36	19°♌10'17	
min. Earth dist.	-943 Aug 13 j 17:42	15°♌44'24	0.64316 AU
inferior conj	-943 Aug 16 j 02:16	13°♌12'49	-3°-18'-42
minimum elong	-943 Aug 16 j 06:42	13°♌00'55	3°17'26
morning rise	-943 Aug 22 j 14:36	7°♌45'33	
direct	-943 Aug 25 j 05:06	7°♌10'44	
asc. node	-943 Aug 27 j 00:37	7°♌27'44	
morning max el	-943 Aug 31 j 17:27	10°♌38'09	18°00'23
	-943 Sep 13 j 21:25	0°♍	
morning set	-943 Sep 18 j 02:23	7°♍08'53	
superior conj	-943 Oct 01 j 08:15	29°♍11'12	0°32'22
minimum elong	-943 Oct 01 j 11:50	29°♍25'42	0°31'53
	-943 Oct 01 j 20:19	0°♎	
desc. node	-943 Oct 06 j 08:01	7°♎11'19	
max. Earth dist.	-943 Oct 06 j 06:42	7°♎06'05	1.44429 AU
evening rise	-943 Oct 17 j 17:26	24°♎59'43	
	-943 Oct 20 j 23:34	0°♏	
greatest brilliancy	-943 Nov 06 j 21:36	25°♏03'08	-0.6m
	-943 Nov 10 j 17:10	0°♐	
evening max el	-943 Nov 13 j 12:59	3°♐11'21	20°13'22
retrograde	-943 Nov 21 j 08:10	7°♐46'17	
asc. node	-943 Nov 22 j 23:50	7°♐30'39	
evening set	-943 Nov 24 j 23:47	6°♐28'50	
inferior conj	-943 Nov 30 j 11:48	0°♐22'04	2°22'30
minimum elong	-943 Nov 30 j 09:06	0°♐31'08	2°21'35
	-943 Nov 30 j 18:22	30°℞♏	
min. Earth dist.	-943 Dec 01 j 06:34	29°♏19'02	0.66897 AU
morning rise	-943 Dec 05 j 17:52	24°♏06'57	
direct	-943 Dec 11 j 11:05	21°♏36'29	
morning max el	-943 Dec 23 j 01:39	28°♏31'03	24°54'21
	-943 Dec 24 j 11:53	0°♐	
desc. node	-942 Jan 02 j 07:14	10°♐41'23	
	-942 Jan 15 j 14:33	0°♑	
morning set	-942 Jan 28 j 04:28	20°♑58'05	

max. Earth dist.	-942 Jan 31 j 21:34	27°♑41'24	1.37091 AU
	-942 Feb 02 j 03:26	0°♒	
superior conj	-942 Feb 07 j 08:06	9°♒56'36	-1°-39'-8
minimum elong	-942 Feb 07 j 11:45	10°♒14'33	1°38'45
evening rise	-942 Feb 15 j 18:27	26°♒46'51	
	-942 Feb 17 j 09:17	0°♓	
asc. node	-942 Feb 18 j 23:08	3°♓05'21	
evening max el	-942 Mar 04 j 19:33	24°♓19'17	19°25'40
retrograde	-942 Mar 14 j 01:22	28°♓45'00	
evening set	-942 Mar 16 j 06:15	28°♓31'02	
inferior conj	-942 Mar 24 j 16:24	24°♓24'09	1°47'07
minimum elong	-942 Mar 24 j 20:23	24°♓17'39	1°45'53
min. Earth dist.	-942 Mar 27 j 10:03	22°♓37'39	0.56236 AU
desc. node	-942 Mar 31 j 06:20	20°♓28'04	
morning rise	-942 Apr 02 j 06:47	19°♓38'26	
direct	-942 Apr 06 j 22:15	18°♓49'25	
morning max el	-942 Apr 21 j 00:53	25°♓58'57	24°55'02
	-942 Apr 24 j 19:53	0°♈	
	-942 May 13 j 15:24	0°♉	
morning set	-942 May 17 j 01:30	7°♉01'29	
asc. node	-942 May 17 j 22:27	8°♉52'12	
superior conj	-942 May 24 j 02:35	22°♉13'53	1°00'59
minimum elong	-942 May 24 j 00:17	22°♉01'24	1°00'36
max. Earth dist.	-942 May 25 j 10:30	25°♉07'05	1.32946 AU
	-942 May 27 j 17:02	0°♊	
evening rise	-942 May 31 j 08:43	7°♊37'59	
	-942 Jun 12 j 08:33	0°♋	
desc. node	-942 Jun 27 j 05:38	21°♋27'28	
evening max el	-942 Jul 02 j 19:04	27°♋26'02	27°22'04
	-942 Jul 05 j 17:06	0°♌	
retrograde	-942 Jul 16 j 13:55	4°♌45'01	
evening set	-942 Jul 23 j 18:22	2°♌14'53	
	-942 Jul 26 j 14:09	30°℞♋	
min. Earth dist.	-942 Jul 27 j 08:17	29°♋18'53	0.62620 AU
inferior conj	-942 Jul 30 j 05:48	26°♋32'37	-4°-1'-42
minimum elong	-942 Jul 30 j 10:09	26°♋22'13	4°00'49
morning rise	-942 Aug 06 j 04:19	21°♋24'39	
direct	-942 Aug 08 j 15:53	20°♋56'35	
asc. node	-942 Aug 13 j 21:40	23°♋03'47	
morning max el	-942 Aug 15 j 08:44	24°♋21'49	17°54'02
	-942 Aug 19 j 22:30	0°♌	
morning set	-942 Aug 31 j 14:06	19°♌39'40	
	-942 Sep 06 j 10:10	0°♍	
superior conj	-942 Sep 11 j 22:37	9°♍30'27	1°09'49
minimum elong	-942 Sep 12 j 03:49	9°♍52'23	1°09'15
max. Earth dist.	-942 Sep 18 j 21:30	21°♍02'09	1.43236 AU
desc. node	-942 Sep 23 j 05:02	27°♍57'19	
	-942 Sep 24 j 12:05	0°♎	
evening rise	-942 Sep 27 j 00:04	3°♎54'48	
	-942 Oct 14 j 10:50	0°♏	
greatest brilliancy	-942 Oct 22 j 08:49	10°♏44'04	-0.4m
evening max el	-942 Oct 27 j 11:37	16°♏39'13	21°21'59
retrograde	-942 Nov 05 j 05:13	21°♏50'30	
evening set	-942 Nov 09 j 07:30	20°♏16'42	
asc. node	-942 Nov 09 j 20:52	19°♏49'12	
inferior conj	-942 Nov 14 j 17:20	14°♏00'34	1°36'52
minimum elong	-942 Nov 14 j 15:16	14°♏07'39	1°36'04
min. Earth dist.	-942 Nov 15 j 00:30	13°♏35'53	0.67418 AU
morning rise	-942 Nov 19 j 22:45	7°♏44'55	
direct	-942 Nov 25 j 00:29	5°♏35'25	
morning max el	-942 Dec 05 j 10:38	11°♏47'43	23°27'35
greatest brilliancy	-942 Dec 11 j 05:07	18°♏19'46	-0.2m
	-942 Dec 19 j 23:24	0°♐	
desc. node	-942 Dec 20 j 04:17	0°♐17'14	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-941 Jan 08 j 10:35	0°♉		
morning set	-941 Jan 09 j 12:01	1°♉46'42		
max. Earth dist.	-941 Jan 13 j 17:02	9°♉00'16	1.39161 AU	
superior conj	-941 Jan 21 j 05:48	22°♉37'15	-1°-54'-35	
minimum elong	-941 Jan 21 j 08:28	22°♉49'43	1°54'28	
	-941 Jan 25 j 03:24	0°♒		
evening rise	-941 Jan 30 j 13:07	10°♒26'37		
asc. node	-941 Feb 05 j 20:10	22°♒17'38		
	-941 Feb 10 j 11:43	0°♓		
evening max el	-941 Feb 15 j 20:09	6°♓40'05	18°39'48	
retrograde	-941 Feb 23 j 17:31	10°♓30'27		
evening set	-941 Feb 26 j 02:23	10°♓10'56		
inferior conj	-941 Mar 05 j 18:21	5°♓45'33	3°02'13	
minimum elong	-941 Mar 05 j 22:34	5°♓37'31	3°01'18	
min. Earth dist.	-941 Mar 09 j 03:08	3°♓13'06	0.57941 AU	
morning rise	-941 Mar 13 j 14:46	0°♓28'54		
	-941 Mar 14 j 17:52	30°℞♒		
desc. node	-941 Mar 18 j 03:24	29°♒10'04		
direct	-941 Mar 19 j 09:08	29°♒06'13		
	-941 Mar 24 j 02:09	0°♓		
morning max el	-941 Apr 02 j 17:14	6°♓38'52	26°21'52	
	-941 Apr 20 j 00:03	0°♈		
morning set	-941 May 01 j 12:40	21°♈58'11		
asc. node	-941 May 04 j 19:28	28°♈58'46		
	-941 May 05 j 06:45	0°♉		
superior conj	-941 May 08 j 13:59	7°♉13'19	0°38'55	
minimum elong	-941 May 08 j 12:21	7°♉04'23	0°38'36	
max. Earth dist.	-941 May 08 j 22:14	7°♉58'33	1.32489 AU	
evening rise	-941 May 15 j 14:42	22°♉21'51		
	-941 May 19 j 09:00	0°♊		
	-941 Jun 06 j 12:48	0°♋		
desc. node	-941 Jun 14 j 02:38	8°♋49'03		
evening max el	-941 Jun 14 j 23:01	9°♋38'39	26°50'31	
retrograde	-941 Jun 28 j 22:17	16°♋55'42		
evening set	-941 Jul 05 j 18:33	14°♋52'43		
min. Earth dist.	-941 Jul 09 j 12:37	12°♋13'26	0.60647 AU	
inferior conj	-941 Jul 12 j 19:32	9°♋27'58	-4°-31'-16	
minimum elong	-941 Jul 12 j 22:12	9°♋22'21	4°31'00	
morning rise	-941 Jul 20 j 04:58	4°♋42'08		
direct	-941 Jul 22 j 15:48	4°♋18'45		
morning max el	-941 Jul 29 j 21:18	7°♋51'18	18°06'43	
asc. node	-941 Jul 31 j 18:43	9°♋53'13		
	-941 Aug 13 j 04:10	0°♌		
morning set	-941 Aug 14 j 18:27	2°♌58'16		
superior conj	-941 Aug 24 j 15:46	21°♌09'10	1°33'54	
minimum elong	-941 Aug 24 j 19:33	21°♌26'01	1°33'36	
	-941 Aug 29 j 17:08	0°♍		
max. Earth dist.	-941 Sep 01 j 06:34	4°♍20'41	1.41538 AU	
evening rise	-941 Sep 06 j 19:16	13°♍26'12		
desc. node	-941 Sep 10 j 02:02	18°♍39'34		
	-941 Sep 17 j 11:27	0°♎		
greatest brilliancy	-941 Oct 05 j 07:50	24°♎40'23	-0.3m	
evening max el	-941 Oct 10 j 04:34	0°♏07'31	22°39'17	
	-941 Oct 10 j 01:35	0°♏		
retrograde	-941 Oct 20 j 00:18	5°♏57'48		
evening set	-941 Oct 24 j 15:09	4°♏06'04		
asc. node	-941 Oct 27 j 17:55	0°♏47'07		
	-941 Oct 28 j 08:28	30°℞♎		
inferior conj	-941 Oct 30 j 00:17	27°♎44'20	0°46'32	
minimum elong	-941 Oct 29 j 23:13	27°♎48'01	0°46'05	
min. Earth dist.	-941 Oct 29 j 20:52	27°♎56'10	0.67607 AU	
morning rise	-941 Nov 04 j 07:14	21°♎30'33		
direct	-941 Nov 08 j 17:57	19°♎43'33		
morning max el	-941 Nov 17 j 23:11	25°♎10'20	22°01'25	
	-941 Nov 22 j 06:34	0°♏		
greatest brilliancy	-941 Nov 22 j 17:13	0°♏32'27	-0.4m	
desc. node	-941 Dec 07 j 01:20	20°♏18'30		
	-941 Dec 13 j 11:36	0°♐		
morning set	-941 Dec 20 j 14:38	11°♐11'30		
max. Earth dist.	-941 Dec 26 j 15:20	21°♐04'03	1.41239 AU	
	-941 Dec 31 j 21:07	0°♉		
superior conj	-940 Jan 03 j 08:37	4°♉20'45	-2°00'-23	
minimum elong	-940 Jan 03 j 08:26	4°♉19'54	2°00'25	
evening rise	-940 Jan 13 j 20:44	23°♉30'22		
	-940 Jan 17 j 09:04	0°♒		
asc. node	-940 Jan 23 j 17:13	11°♒00'09		
evening max el	-940 Jan 30 j 03:47	19°♒28'56	18°14'06	
retrograde	-940 Feb 06 j 03:58	22°♒59'44		
evening set	-940 Feb 08 j 17:01	22°♒32'49		
inferior conj	-940 Feb 15 j 17:06	17°♒46'11	3°42'02	
minimum elong	-940 Feb 15 j 19:17	17°♒41'22	3°41'48	
min. Earth dist.	-940 Feb 19 j 01:28	14°♒49'36	0.59986 AU	
morning rise	-940 Feb 22 j 18:17	12°♒06'54		
direct	-940 Feb 29 j 08:40	10°♒05'57		
desc. node	-940 Mar 04 j 00:27	10°♒41'08		
morning max el	-940 Mar 14 j 15:07	17°♒51'06	27°21'27	
	-940 Mar 24 j 18:41	0°♓		
	-940 Apr 11 j 13:12	0°♈		
morning set	-940 Apr 14 j 21:14	6°♈45'37		
asc. node	-940 Apr 20 j 16:31	19°♈10'00		
max. Earth dist.	-940 Apr 21 j 11:05	20°♈51'30	1.32395 AU	
superior conj	-940 Apr 22 j 01:39	22°♈11'18	0°14'34	
minimum elong	-940 Apr 22 j 01:00	22°♈07'43	0°14'25	
behind sun begin	-940 Apr 21 j 22:56	21°♈56'24		
behind sun end	-940 Apr 22 j 03:04	22°♈19'01		
	-940 Apr 25 j 15:20	0°♉		
evening rise	-940 Apr 29 j 00:31	7°♉15'10		
	-940 May 10 j 23:20	0°♊		
evening max el	-940 May 26 j 20:18	21°♊06'24	25°47'45	
desc. node	-940 May 30 j 23:39	24°♊35'07		
retrograde	-940 Jun 09 j 21:54	28°♊19'30		
evening set	-940 Jun 15 j 20:59	26°♊54'14		
min. Earth dist.	-940 Jun 20 j 08:44	24°♊13'34	0.58588 AU	
inferior conj	-940 Jun 23 j 15:52	21°♊49'34	-4°-38'-10	
minimum elong	-940 Jun 23 j 14:55	21°♊51'17	4°38'08	
morning rise	-940 Jul 01 j 12:40	17°♊26'24		
direct	-940 Jul 04 j 00:25	17°♊06'16		
morning max el	-940 Jul 12 j 04:06	20°♊57'52	18°39'27	
asc. node	-940 Jul 17 j 15:47	27°♊40'51		
	-940 Jul 19 j 03:58	0°♋		
morning set	-940 Jul 28 j 10:46	16°♋52'30		
	-940 Aug 04 j 05:28	0°♌		
superior conj	-940 Aug 06 j 06:40	3°♌53'00	1°45'38	
minimum elong	-940 Aug 06 j 08:10	4°♌00'02	1°45'35	
max. Earth dist.	-940 Aug 13 j 10:17	16°♌54'03	1.39570 AU	
evening rise	-940 Aug 17 j 14:16	24°♌05'04		
	-940 Aug 21 j 03:43	0°♍		
desc. node	-940 Aug 26 j 23:02	9°♍14'17		
	-940 Sep 10 j 07:11	0°♎		
evening max el	-940 Sep 21 j 17:33	13°♎38'35	23°59'40	
retrograde	-940 Oct 02 j 16:02	20°♎04'43		
evening set	-940 Oct 07 j 21:01	17°♎54'40		
min. Earth dist.	-940 Oct 12 j 17:13	12°♎17'46	0.67485 AU	
inferior conj	-940 Oct 13 j 06:54	11°♎31'18	0°-6'-58	
minimum elong	-940 Oct 13 j 07:04	11°♎30'45	0°06'55	
transit middle	-940 Oct 13 j 07:04	11°♎30'45	0°06'55	
transit begin	-940 Oct 13 j 04:36	11°♎39'07		
transit end	-940 Oct 13 j 09:32	11°♎22'23		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

asc. node	-940 Oct 13 j 15:00	11°♎03'54	
morning rise	-940 Oct 18 j 17:19	5°♎22'05	
direct	-940 Oct 22 j 14:29	3°♎56'29	
morning max el	-940 Oct 30 j 18:09	8°♎41'19	20°43'02
greatest brilliancy	-940 Nov 05 j 18:02	15°♎46'03	-0.5m
	-940 Nov 15 j 20:27	0°♏	
desc. node	-940 Nov 22 j 22:22	10°♏37'29	
morning set	-940 Nov 28 j 16:52	19°♏30'22	
	-940 Dec 05 j 08:36	0°♐	
max. Earth dist.	-940 Dec 07 j 20:36	4°♐01'20	1.43047 AU
superior conj	-940 Dec 14 j 11:04	14°♐53'46	-1°-52'-9
minimum elong	-940 Dec 14 j 06:23	14°♐34'06	1°51'55
	-940 Dec 23 j 06:08	0°♑	
evening rise	-940 Dec 26 j 13:12	5°♑48'39	
asc. node	-939 Jan 09 j 14:17	29°♑02'43	
	-939 Jan 10 j 08:02	0°♒	
evening max el	-939 Jan 12 j 15:19	2°♒36'19	18°08'06
retrograde	-939 Jan 19 j 05:00	6°♒01'55	
evening set	-939 Jan 21 j 22:04	5°♒26'24	
inferior conj	-939 Jan 28 j 09:31	0°♒18'25	3°53'26
minimum elong	-939 Jan 28 j 09:22	0°♒18'49	3°53'26
	-939 Jan 28 j 16:47	30°℞♑	
min. Earth dist.	-939 Jan 31 j 07:28	27°♑22'26	0.62041 AU
morning rise	-939 Feb 03 j 18:23	24°♑24'41	
direct	-939 Feb 10 j 18:04	21°♑52'52	
desc. node	-939 Feb 18 j 21:31	24°♑47'25	
morning max el	-939 Feb 24 j 18:53	29°♑43'02	27°45'47
	-939 Feb 25 j 01:42	0°♒	
	-939 Mar 18 j 17:08	0°♓	
morning set	-939 Mar 30 j 01:09	21°♓16'06	
	-939 Apr 03 j 05:38	0°♈	
max. Earth dist.	-939 Apr 04 j 21:15	3°♈32'21	1.32670 AU
superior conj	-939 Apr 06 j 11:52	7°♈01'23	0°-11'-18
minimum elong	-939 Apr 06 j 12:23	7°♈04'16	0°11'12
behind sun begin	-939 Apr 06 j 08:44	6°♈44'24	
behind sun end	-939 Apr 06 j 16:03	7°♈24'08	
asc. node	-939 Apr 07 j 13:35	9°♈21'17	
evening rise	-939 Apr 13 j 12:07	22°♈10'30	
	-939 Apr 17 j 07:23	0°♉	
	-939 May 06 j 14:06	0°♊	
evening max el	-939 May 08 j 12:18	1°♊57'19	24°22'04
desc. node	-939 May 17 j 20:41	8°♊10'25	
retrograde	-939 May 22 j 10:07	8°♊57'57	
evening set	-939 May 27 j 01:06	8°♊10'06	
min. Earth dist.	-939 Jun 01 j 23:51	5°♊11'52	0.56745 AU
inferior conj	-939 Jun 04 j 16:16	3°♊29'41	-4°-10'-18
minimum elong	-939 Jun 04 j 10:57	3°♊38'09	4°09'27
	-939 Jun 11 j 03:22	30°℞♉	
morning rise	-939 Jun 13 j 00:38	29°♉25'42	
direct	-939 Jun 15 j 14:32	29°♉07'40	
	-939 Jun 19 j 20:32	0°♊	
morning max el	-939 Jun 25 j 02:14	3°♊31'58	19°33'03
asc. node	-939 Jul 04 j 12:50	16°♊13'35	
	-939 Jul 11 j 20:51	0°♋	
morning set	-939 Jul 12 j 11:33	1°♋13'28	
superior conj	-939 Jul 20 j 13:42	17°♋26'17	1°47'20
minimum elong	-939 Jul 20 j 13:13	17°♋23'50	1°47'20
max. Earth dist.	-939 Jul 26 j 13:18	28°♋53'59	1.37594 AU
	-939 Jul 27 j 03:33	0°♌	
evening rise	-939 Jul 30 j 10:02	5°♌55'40	
desc. node	-939 Aug 13 j 20:03	29°♌36'53	
	-939 Aug 14 j 02:11	0°♍	
evening max el	-939 Sep 04 j 05:06	27°♍14'04	25°16'08
	-939 Sep 07 j 06:24	0°♎	
retrograde	-939 Sep 16 j 03:29	4°♎07'43	
evening set	-939 Sep 21 j 23:22	1°♎40'38	
	-939 Sep 23 j 16:41	30°℞♍	
min. Earth dist.	-939 Sep 26 j 11:03	26°♍39'14	0.67049 AU
inferior conj	-939 Sep 27 j 11:26	25°♍19'45	-1°-2'-7
minimum elong	-939 Sep 27 j 12:59	25°♍14'44	1°01'28
asc. node	-939 Sep 30 j 12:02	21°♍37'30	
morning rise	-939 Oct 03 j 03:08	19°♍18'10	
direct	-939 Oct 06 j 12:45	18°♍11'13	
morning max el	-939 Oct 13 j 20:43	22°♍22'23	19°37'15
	-939 Oct 20 j 02:50	0°♎	
greatest brilliancy	-939 Oct 22 j 07:44	3°♎05'10	-0.6m
morning set	-939 Nov 07 j 15:12	27°♎46'46	
	-939 Nov 09 j 01:33	0°♏	
desc. node	-939 Nov 09 j 19:25	1°♏09'23	
max. Earth dist.	-939 Nov 20 j 09:29	17°♏45'45	1.44341 AU
superior conj	-939 Nov 24 j 10:35	24°♏13'11	-1°-26'-15
minimum elong	-939 Nov 24 j 02:37	23°♏41'14	1°25'29
	-939 Nov 28 j 00:27	0°♐	
evening rise	-939 Dec 08 j 10:13	17°♐14'17	
	-939 Dec 16 j 00:41	0°♑	
evening max el	-939 Dec 27 j 03:54	15°♑55'19	18°21'00
asc. node	-939 Dec 27 j 11:20	16°♑13'49	
retrograde	-938 Jan 02 j 16:19	19°♑28'03	
evening set	-938 Jan 05 j 13:50	18°♑42'51	
inferior conj	-938 Jan 11 j 15:42	13°♑14'49	3°44'14
minimum elong	-938 Jan 11 j 13:52	13°♑20'02	3°44'01
min. Earth dist.	-938 Jan 13 j 22:52	10°♑39'25	0.63869 AU
morning rise	-938 Jan 17 j 12:24	7°♑11'36	
direct	-938 Jan 24 j 11:11	4°♑23'15	
desc. node	-938 Feb 05 j 18:36	10°♑53'45	
morning max el	-938 Feb 07 j 02:54	12°♑11'39	27°33'42
	-938 Feb 21 j 08:39	0°♒	
	-938 Mar 11 j 03:51	0°♓	
morning set	-938 Mar 13 j 21:53	5°♓21'16	
max. Earth dist.	-938 Mar 19 j 00:51	15°♓48'30	1.33345 AU
superior conj	-938 Mar 21 j 18:49	21°♓37'26	0°-37'-45
minimum elong	-938 Mar 21 j 20:36	21°♓46'57	0°37'24
asc. node	-938 Mar 25 j 10:38	29°♓28'31	
	-938 Mar 25 j 16:30	0°♈	
evening rise	-938 Mar 28 j 23:40	7°♈01'20	
	-938 Apr 10 j 06:47	0°♉	
evening max el	-938 Apr 20 j 03:55	12°♉33'43	22°47'03
retrograde	-938 May 03 j 09:15	19°♉05'41	
desc. node	-938 May 04 j 17:44	19°♉01'36	
evening set	-938 May 06 j 15:30	18°♉42'26	
min. Earth dist.	-938 May 14 j 12:51	15°♉14'40	0.55467 AU
inferior conj	-938 May 15 j 21:50	14°♉27'21	-2°-58'-29
minimum elong	-938 May 15 j 14:58	14°♉37'14	2°56'34
morning rise	-938 May 24 j 17:04	10°♉33'04	
direct	-938 May 27 j 10:57	10°♉15'25	
morning max el	-938 Jun 07 j 13:36	15°♉25'20	20°47'03
	-938 Jun 18 j 10:41	0°♊	
asc. node	-938 Jun 21 j 09:53	5°♊20'16	
morning set	-938 Jun 26 j 18:02	15°♊53'15	
	-938 Jul 03 j 13:38	0°♋	
superior conj	-938 Jul 04 j 08:09	1°♋34'59	1°41'14
minimum elong	-938 Jul 04 j 06:20	1°♋25'41	1°41'08
max. Earth dist.	-938 Jul 08 j 21:27	10°♋43'28	1.35830 AU
evening rise	-938 Jul 13 j 02:17	18°♋46'36	
	-938 Jul 19 j 08:14	0°♌	
desc. node	-938 Jul 31 j 17:04	19°♌40'47	
	-938 Aug 08 j 05:12	0°♍	
evening max el	-938 Aug 17 j 16:40	10°♍49'31	26°20'54

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

retrograde	-938 Aug 30 j 09:56	18°♍00'30	
evening set	-938 Sep 05 j 20:10	15°♍20'23	
min. Earth dist.	-938 Sep 09 j 23:53	10°♍56'37	0.66275 AU
inferior conj	-938 Sep 11 j 11:59	9°♍05'52	-1°-57'-15
minimum elong	-938 Sep 11 j 14:54	8°♍56'56	1°56'08
morning rise	-938 Sep 17 j 10:36	3°♍15'12	
asc. node	-938 Sep 17 j 09:05	3°♍17'22	
direct	-938 Sep 20 j 10:54	2°♍23'31	
morning max el	-938 Sep 27 j 05:56	6°♍10'33	18°46'34
	-938 Oct 13 j 21:39	0°♎	
morning set	-938 Oct 18 j 08:39	7°♎04'44	
desc. node	-938 Oct 27 j 16:27	21°♎49'28	
	-938 Nov 01 j 21:08	0°♏	
max. Earth dist.	-938 Nov 03 j 03:09	1°♏58'04	1.44952 AU
superior conj	-938 Nov 03 j 13:52	2°♏40'13	0°-43'-51
minimum elong	-938 Nov 03 j 08:15	2°♏18'06	0°43'10
evening rise	-938 Nov 19 j 08:01	27°♏41'01	
	-938 Nov 20 j 18:37	0°♐	
evening max el	-938 Dec 10 j 14:55	29°♐20'12	18°51'55
	-938 Dec 11 j 06:57	0°♑	
asc. node	-938 Dec 14 j 08:21	2°♑19'24	
retrograde	-938 Dec 17 j 10:02	3°♑10'41	
evening set	-938 Dec 20 j 13:08	2°♑14'28	
	-938 Dec 23 j 06:45	30°℞♐	
inferior conj	-938 Dec 26 j 07:59	26°♐28'50	3°20'24
minimum elong	-938 Dec 26 j 05:17	26°♐37'11	3°19'49
min. Earth dist.	-938 Dec 27 j 23:55	24°♐25'55	0.65340 AU
morning rise	-938 Dec 31 j 20:26	20°♐19'03	
direct	-937 Jan 07 j 10:48	17°♐28'58	
morning max el	-937 Jan 20 j 12:39	25°♐06'54	26°49'32
desc. node	-937 Jan 23 j 15:40	28°♐26'44	
	-937 Jan 25 j 00:07	0°♑	
	-937 Feb 14 j 19:33	0°♒	
morning set	-937 Feb 25 j 08:08	18°♒50'56	
max. Earth dist.	-937 Mar 01 j 18:26	27°♒31'46	1.34453 AU
	-937 Mar 02 j 23:47	0°♓	
superior conj	-937 Mar 05 j 20:25	5°♓52'49	-1°-3'-36
minimum elong	-937 Mar 05 j 23:20	6°♓08'00	1°03'06
asc. node	-937 Mar 12 j 07:40	19°♓27'30	
evening rise	-937 Mar 13 j 09:23	21°♓41'24	
	-937 Mar 17 j 11:59	0°♈	
evening max el	-937 Apr 02 j 01:53	23°♈24'45	21°16'51
retrograde	-937 Apr 13 j 23:35	29°♈10'50	
evening set	-937 Apr 16 j 08:55	28°♈57'41	
desc. node	-937 Apr 21 j 14:46	27°♈09'14	
inferior conj	-937 Apr 25 j 16:51	24°♈58'09	-1°-9'-33
minimum elong	-937 Apr 25 j 13:35	25°♈02'46	1°08'23
min. Earth dist.	-937 Apr 26 j 01:55	24°♈45'24	0.55029 AU
morning rise	-937 May 04 j 18:15	20°♈56'27	
direct	-937 May 07 j 21:47	20°♈34'57	
morning max el	-937 May 20 j 14:21	26°♈37'31	22°18'05
	-937 May 23 j 20:00	0°♉	
asc. node	-937 Jun 08 j 06:57	24°♉52'28	
	-937 Jun 10 j 19:15	0°♊	
morning set	-937 Jun 11 j 04:05	0°♊45'52	
superior conj	-937 Jun 18 j 10:32	16°♊08'55	1°29'06
minimum elong	-937 Jun 18 j 08:05	15°♊56'00	1°28'51
max. Earth dist.	-937 Jun 21 j 14:31	22°♊45'17	1.34409 AU
	-937 Jun 25 j 04:37	0°♋	
evening rise	-937 Jun 26 j 10:07	2°♋24'45	
	-937 Jul 12 j 05:41	0°♌	
desc. node	-937 Jul 18 j 14:04	9°♌17'44	
evening max el	-937 Jul 31 j 04:22	24°♌17'02	27°06'10
	-937 Aug 07 j 16:38	0°♍	
retrograde	-937 Aug 13 j 11:08	1°♍36'18	
	-937 Aug 18 j 18:02	30°℞♌	
evening set	-937 Aug 20 j 09:01	28°♌50'36	
min. Earth dist.	-937 Aug 24 j 05:25	25°♌04'42	0.65139 AU
inferior conj	-937 Aug 26 j 06:26	22°♌45'59	-2°-50'-16
minimum elong	-937 Aug 26 j 10:28	22°♌34'32	2°48'57
morning rise	-937 Sep 01 j 13:26	17°♌09'30	
direct	-937 Sep 04 j 06:46	16°♌29'33	
asc. node	-937 Sep 04 j 06:08	16°♌29'33	
morning max el	-937 Sep 10 j 19:39	20°♌01'39	18°12'18
	-937 Sep 18 j 08:31	0°♍	
morning set	-937 Sep 29 j 06:18	17°♍45'46	
	-937 Oct 06 j 17:18	0°♎	
superior conj	-937 Oct 13 j 16:41	11°♎11'55	0°05'40
minimum elong	-937 Oct 13 j 17:24	11°♎14'44	0°05'34
behind sun begin	-937 Oct 13 j 07:02	10°♎33'33	
behind sun end	-937 Oct 14 j 03:45	11°♎55'52	
desc. node	-937 Oct 14 j 13:26	12°♎34'18	
max. Earth dist.	-937 Oct 16 j 21:53	16°♎17'31	1.44821 AU
	-937 Oct 25 j 15:50	0°♏	
evening rise	-937 Oct 30 j 06:30	7°♏10'45	
	-937 Nov 14 j 03:52	0°♐	
greatest brilliancy	-937 Nov 15 j 19:58	2°♐26'06	-0.7m
evening max el	-937 Nov 23 j 22:09	12°♐47'14	19°39'24
retrograde	-937 Dec 01 j 06:56	17°♐04'17	
asc. node	-937 Dec 01 j 05:23	17°♐04'15	
evening set	-937 Dec 04 j 17:20	15°♐55'15	
inferior conj	-937 Dec 10 j 07:18	9°♐55'07	2°46'00
minimum elong	-937 Dec 10 j 04:26	10°♐04'31	2°45'09
min. Earth dist.	-937 Dec 11 j 09:19	8°♐29'48	0.66429 AU
morning rise	-937 Dec 15 j 14:51	3°♐41'06	
direct	-937 Dec 21 j 16:22	1°♐01'05	
morning max el	-936 Jan 02 j 21:54	8°♐16'08	25°41'01
desc. node	-936 Jan 10 j 12:42	17°♐00'40	
	-936 Jan 19 j 23:37	0°♑	
	-936 Feb 07 j 07:23	0°♒	
morning set	-936 Feb 08 j 03:22	1°♒30'53	
max. Earth dist.	-936 Feb 12 j 00:04	8°♒43'25	1.36010 AU
superior conj	-936 Feb 17 j 13:59	19°♒38'55	-1°-27'-18
minimum elong	-936 Feb 17 j 17:37	19°♒57'08	1°26'50
	-936 Feb 22 j 16:07	0°♓	
evening rise	-936 Feb 25 j 15:09	6°♓03'11	
asc. node	-936 Feb 27 j 04:42	9°♓12'46	
	-936 Mar 10 j 05:31	0°♈	
evening max el	-936 Mar 14 j 10:26	4°♈48'59	20°00'57
retrograde	-936 Mar 24 j 15:31	9°♈42'15	
evening set	-936 Mar 26 j 19:02	9°♈30'15	
inferior conj	-936 Apr 04 j 15:14	5°♈30'17	0°48'10
minimum elong	-936 Apr 04 j 17:20	5°♈27'06	0°47'27
min. Earth dist.	-936 Apr 06 j 16:04	4°♈16'23	0.55544 AU
desc. node	-936 Apr 07 j 11:49	3°♈47'21	
morning rise	-936 Apr 13 j 12:45	1°♈02'45	
direct	-936 Apr 17 j 12:31	0°♈27'44	
morning max el	-936 May 01 j 07:24	7°♈17'51	23°58'13
	-936 May 17 j 15:35	0°♉	
asc. node	-936 May 25 j 03:59	14°♉42'24	
morning set	-936 May 25 j 15:52	15°♉44'36	
	-936 Jun 01 j 07:12	0°♊	
superior conj	-936 Jun 01 j 18:03	0°♊58'34	1°12'21
minimum elong	-936 Jun 01 j 15:34	0°♊45'08	1°11'58
max. Earth dist.	-936 Jun 03 j 16:47	5°♊09'15	1.33370 AU
evening rise	-936 Jun 09 j 05:08	16°♊36'54	
	-936 Jun 16 j 04:53	0°♋	
desc. node	-936 Jul 04 j 11:05	28°♋16'08	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-936 Jul 05 j 20:22	0°♌	
evening max el	-936 Jul 12 j 14:55	7°♌25'23	27°25'09
retrograde	-936 Jul 26 j 06:39	14°♌46'18	
evening set	-936 Aug 02 j 10:52	12°♌06'29	
min. Earth dist.	-936 Aug 06 j 01:53	8°♌54'38	0.63631 AU
inferior conj	-936 Aug 08 j 16:15	6°♌14'59	-3°-38'-13
minimum elong	-936 Aug 08 j 20:48	6°♌03'19	3°37'03
morning rise	-936 Aug 15 j 08:51	0°♌55'49	
direct	-936 Aug 17 j 21:41	0°♌24'20	
asc. node	-936 Aug 21 j 03:11	1°♌15'57	
morning max el	-936 Aug 24 j 11:12	3°♌49'56	17°55'28
morning set	-936 Sep 10 j 05:48	29°♌41'09	
	-936 Sep 10 j 10:08	0°♍	
superior conj	-936 Sep 22 j 15:22	20°♍44'41	0°49'50
minimum elong	-936 Sep 22 j 20:08	21°♍04'20	0°49'14
	-936 Sep 28 j 08:04	0°♎	
max. Earth dist.	-936 Sep 28 j 14:21	0°♎25'08	1.43984 AU
desc. node	-936 Sep 30 j 10:27	3°♎20'56	
evening rise	-936 Oct 08 j 14:00	16°♎05'41	
	-936 Oct 17 j 17:15	0°♏	
greatest brilliancy	-936 Oct 31 j 03:12	19°♏14'52	-0.5m
evening max el	-936 Nov 06 j 00:08	26°♏15'06	20°41'17
	-936 Nov 10 j 13:35	0°♐	
retrograde	-936 Nov 14 j 04:31	1°♐05'29	
asc. node	-936 Nov 17 j 02:25	0°♐17'03	
	-936 Nov 17 j 13:39	30°℞♏	
evening set	-936 Nov 18 j 00:18	29°♏41'31	
inferior conj	-936 Nov 23 j 11:11	23°♏30'18	2°03'51
minimum elong	-936 Nov 23 j 08:43	23°♏38'44	2°02'58
min. Earth dist.	-936 Nov 24 j 00:55	22°♏43'32	0.67151 AU
morning rise	-936 Nov 28 j 16:39	17°♏14'25	
direct	-936 Dec 04 j 03:17	14°♏52'18	
morning max el	-936 Dec 15 j 06:19	21°♏30'41	24°17'59
	-936 Dec 22 j 15:12	0°♐	
desc. node	-936 Dec 27 j 09:44	6°♐17'55	
	-935 Jan 12 j 06:11	0°♑	
morning set	-935 Jan 20 j 01:49	13°♑05'19	
max. Earth dist.	-935 Jan 23 j 20:37	19°♑46'59	1.37947 AU
	-935 Jan 29 j 09:11	0°♒	
superior conj	-935 Jan 30 j 20:12	2°♒47'02	-1°-46'-37
minimum elong	-935 Jan 30 j 23:38	3°♒03'33	1°46'21
evening rise	-935 Feb 08 j 14:41	20°♒00'27	
asc. node	-935 Feb 13 j 01:44	28°♒39'08	
	-935 Feb 13 j 19:03	0°♓	
evening max el	-935 Feb 25 j 05:52	16°♓51'12	19°03'43
retrograde	-935 Mar 05 j 20:38	20°♓59'40	
evening set	-935 Mar 08 j 02:59	20°♓43'44	
inferior conj	-935 Mar 16 j 05:23	16°♓30'01	2°23'24
minimum elong	-935 Mar 16 j 09:52	16°♓22'12	2°22'09
min. Earth dist.	-935 Mar 19 j 07:49	14°♓21'32	0.56902 AU
morning rise	-935 Mar 24 j 12:39	11°♓30'12	
desc. node	-935 Mar 25 j 08:52	11°♓11'41	
direct	-935 Mar 29 j 16:03	10°♓27'48	
morning max el	-935 Apr 12 j 22:09	17°♓49'29	25°34'16
	-935 Apr 22 j 23:48	0°♈	
	-935 May 09 j 19:24	0°♉	
morning set	-935 May 10 j 03:45	0°♉43'47	
asc. node	-935 May 12 j 01:02	4°♉44'28	
superior conj	-935 May 17 j 04:37	15°♉56'36	0°51'58
minimum elong	-935 May 17 j 02:33	15°♉45'22	0°51'35
max. Earth dist.	-935 May 18 j 01:59	17°♉53'17	1.32711 AU
	-935 May 23 j 17:59	0°♊	
evening rise	-935 May 24 j 07:57	1°♊12'17	
	-935 Jun 09 j 04:38	0°♋	
desc. node	-935 Jun 21 j 08:06	16°♋19'38	
evening max el	-935 Jun 24 j 22:11	20°♋02'19	27°12'43
retrograde	-935 Jul 08 j 19:32	27°♋20'52	
evening set	-935 Jul 15 j 21:42	25°♋00'54	
min. Earth dist.	-935 Jul 19 j 12:14	22°♋13'39	0.61800 AU
inferior conj	-935 Jul 22 j 14:21	19°♋25'31	-4°-16'-26
minimum elong	-935 Jul 22 j 18:12	19°♋16'44	4°15'49
morning rise	-935 Jul 29 j 17:26	14°♋26'33	
direct	-935 Aug 01 j 04:18	14°♋00'47	
morning max el	-935 Aug 08 j 01:40	17°♋28'20	17°57'00
asc. node	-935 Aug 08 j 00:15	17°♋24'54	
	-935 Aug 17 j 00:03	0°♌	
morning set	-935 Aug 24 j 01:15	12°♌33'54	
	-935 Sep 02 j 18:50	0°♍	
superior conj	-935 Sep 03 j 17:28	1°♍38'22	1°21'41
minimum elong	-935 Sep 03 j 22:17	1°♍59'13	1°21'12
max. Earth dist.	-935 Sep 11 j 02:26	14°♍05'06	1.42557 AU
desc. node	-935 Sep 17 j 07:27	24°♍05'44	
evening rise	-935 Sep 17 j 23:54	25°♍10'38	
	-935 Sep 21 j 02:03	0°♎	
	-935 Oct 11 j 17:12	0°♏	
greatest brilliancy	-935 Oct 15 j 01:30	4°♏17'06	-0.4m
evening max el	-935 Oct 19 j 20:18	9°♏43'07	21°54'16
retrograde	-935 Oct 29 j 00:48	15°♏10'53	
evening set	-935 Nov 02 j 08:10	13°♏29'49	
asc. node	-935 Nov 03 j 23:28	11°♏57'53	
inferior conj	-935 Nov 07 j 17:32	7°♏11'04	1°16'00
minimum elong	-935 Nov 07 j 15:52	7°♏16'52	1°15'20
min. Earth dist.	-935 Nov 07 j 20:12	7°♏01'52	0.67534 AU
morning rise	-935 Nov 12 j 23:19	0°♏55'50	
	-935 Nov 14 j 05:44	30°℞♎	
direct	-935 Nov 17 j 18:39	28°♎55'35	
	-935 Nov 21 j 15:15	0°♏	
morning max el	-935 Nov 27 j 16:09	4°♏48'26	22°50'22
greatest brilliancy	-935 Dec 02 j 09:11	10°♏04'51	-0.3m
desc. node	-935 Dec 14 j 06:46	26°♏05'29	
	-935 Dec 16 j 23:02	0°♐	
morning set	-935 Dec 31 j 21:13	23°♐17'53	
	-934 Jan 04 j 21:12	0°♑	
max. Earth dist.	-934 Jan 05 j 16:05	1°♑20'38	1.40061 AU
superior conj	-934 Jan 13 j 10:33	15°♑05'09	-1°-58'-29
minimum elong	-934 Jan 13 j 12:15	15°♑12'56	1°58'28
	-934 Jan 21 j 09:52	0°♒	
evening rise	-934 Jan 23 j 05:02	3°♒25'28	
asc. node	-934 Jan 30 j 22:47	17°♒39'47	
evening max el	-934 Feb 08 j 09:55	29°♒25'26	18°26'28
	-934 Feb 09 j 00:44	0°♓	
retrograde	-934 Feb 15 j 20:37	3°♓05'10	
evening set	-934 Feb 18 j 07:29	2°♓42'31	
	-934 Feb 23 j 07:06	30°℞♒	
inferior conj	-934 Feb 25 j 16:19	28°♒08'20	3°23'02
minimum elong	-934 Feb 25 j 19:49	28°♒01'13	3°22'27
min. Earth dist.	-934 Mar 01 j 02:38	25°♒22'41	0.58796 AU
morning rise	-934 Mar 05 j 04:27	22°♒41'17	
direct	-934 Mar 11 j 08:46	21°♒02'02	
desc. node	-934 Mar 12 j 05:56	21°♒04'02	
morning max el	-934 Mar 25 j 16:19	28°♒40'27	26°51'05
	-934 Mar 26 j 23:54	0°♓	
	-934 Apr 16 j 15:16	0°♈	
morning set	-934 Apr 24 j 14:04	15°♈37'47	
asc. node	-934 Apr 28 j 22:06	24°♈53'59	
	-934 May 01 j 06:02	0°♉	
superior conj	-934 May 01 j 16:23	0°♉56'45	0°28'51
minimum elong	-934 May 01 j 15:08	0°♉49'54	0°28'35

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

max. Earth dist.	-934 May 01 j 14:48	0°♉48'02	1.32411 AU
evening rise	-934 May 08 j 15:53	16°♉02'03	
	-934 May 15 j 16:39	0°♊	
	-934 Jun 05 j 00:46	0°♋	
evening max el	-934 Jun 06 j 23:46	1°♋57'48	26°27'21
desc. node	-934 Jun 08 j 05:08	3°♋05'28	
retrograde	-934 Jun 21 j 00:16	9°♋12'42	
evening set	-934 Jun 27 j 13:06	7°♋25'19	
min. Earth dist.	-934 Jul 01 j 12:55	4°♋47'33	0.59770 AU
inferior conj	-934 Jul 04 j 21:13	2°♋08'55	-4°-37'-40
minimum elong	-934 Jul 04 j 22:35	2°♋06'13	4°37'36
	-934 Jul 07 j 17:15	30°℞♊	
morning rise	-934 Jul 12 j 11:24	27°♊32'27	
direct	-934 Jul 14 j 22:32	27°♊10'29	
	-934 Jul 21 j 14:05	0°♋	
morning max el	-934 Jul 22 j 12:09	0°♋49'40	18°18'04
asc. node	-934 Jul 25 j 21:20	4°♋41'25	
morning set	-934 Aug 07 j 11:17	26°♋10'02	
	-934 Aug 09 j 11:41	0°♌	
superior conj	-934 Aug 16 j 20:39	13°♌47'19	1°40'15
minimum elong	-934 Aug 16 j 23:29	14°♌00'12	1°40'04
max. Earth dist.	-934 Aug 24 j 09:31	27°♌06'58	1.40724 AU
	-934 Aug 26 j 02:15	0°♍	
evening rise	-934 Aug 29 j 04:42	5°♍09'42	
desc. node	-934 Sep 04 j 04:29	14°♍45'43	
	-934 Sep 14 j 07:37	0°♎	
greatest brilliancy	-934 Sep 26 j 10:13	16°♎22'32	-0.2m
evening max el	-934 Oct 02 j 11:27	23°♎13'03	23°13'31
retrograde	-934 Oct 12 j 18:27	29°♎18'31	
evening set	-934 Oct 17 j 15:15	27°♎18'55	
asc. node	-934 Oct 21 j 20:32	22°♎31'54	
min. Earth dist.	-934 Oct 22 j 16:46	21°♎22'59	0.67599 AU
inferior conj	-934 Oct 23 j 00:33	20°♎56'15	0°24'07
minimum elong	-934 Oct 22 j 23:59	20°♎58'12	0°23'53
morning rise	-934 Oct 28 j 08:45	14°♎44'16	
direct	-934 Nov 01 j 13:36	13°♎06'31	
morning max el	-934 Nov 10 j 07:06	18°♎14'00	21°26'47
greatest brilliancy	-934 Nov 15 j 10:18	24°♎07'20	-0.4m
	-934 Nov 19 j 21:28	0°♏	
desc. node	-934 Dec 01 j 03:48	16°♏14'56	
	-934 Dec 10 j 03:06	0°♐	
morning set	-934 Dec 11 j 11:53	2°♐09'00	
max. Earth dist.	-934 Dec 18 j 17:35	13°♐49'03	1.42061 AU
superior conj	-934 Dec 26 j 03:36	26°♐19'51	-1°-58'-53
minimum elong	-934 Dec 26 j 01:37	26°♐11'14	1°58'52
	-934 Dec 28 j 06:13	0°♑	
evening rise	-933 Jan 06 j 06:40	16°♑10'41	
	-933 Jan 14 j 00:29	0°♒	
asc. node	-933 Jan 17 j 19:51	6°♒06'26	
evening max el	-933 Jan 22 j 19:32	12°♒22'55	18°09'11
retrograde	-933 Jan 29 j 13:56	15°♒49'54	
evening set	-933 Feb 01 j 04:46	15°♒19'19	
inferior conj	-933 Feb 07 j 23:01	10°♒23'10	3°49'52
minimum elong	-933 Feb 08 j 00:10	10°♒20'28	3°49'48
min. Earth dist.	-933 Feb 11 j 03:39	7°♒24'20	0.60873 AU
morning rise	-933 Feb 14 j 16:48	4°♒37'03	
direct	-933 Feb 21 j 12:26	2°♒21'56	
desc. node	-933 Feb 27 j 03:00	3°♒44'45	
morning max el	-933 Mar 07 j 16:49	10°♒09'13	27°36'29
	-933 Mar 23 j 02:39	0°♓	
morning set	-933 Apr 08 j 20:56	0°♈19'13	
	-933 Apr 08 j 17:12	0°♈	
max. Earth dist.	-933 Apr 15 j 03:12	13°♈38'57	1.32469 AU
asc. node	-933 Apr 15 j 19:08	15°♈05'53	
superior conj	-933 Apr 16 j 03:37	15°♈52'15	0°03'45
minimum elong	-933 Apr 16 j 03:27	15°♈51'17	0°03'43
behind sun begin	-933 Apr 15 j 22:31	15°♈24'20	
behind sun end	-933 Apr 16 j 08:23	16°♈18'16	
	-933 Apr 22 j 15:51	0°♉	
evening rise	-933 Apr 23 j 02:42	0°♉57'28	
	-933 May 09 j 01:52	0°♊	
evening max el	-933 May 19 j 18:25	13°♊08'16	25°13'20
desc. node	-933 May 26 j 02:12	18°♊01'16	
retrograde	-933 Jun 02 j 19:01	20°♊17'11	
evening set	-933 Jun 08 j 05:43	19°♊08'27	
min. Earth dist.	-933 Jun 13 j 06:12	16°♊22'18	0.57766 AU
inferior conj	-933 Jun 16 j 09:17	14°♊13'55	-4°-31'-17
minimum elong	-933 Jun 16 j 06:26	14°♊18'51	4°31'04
morning rise	-933 Jun 24 j 11:02	9°♊59'49	
direct	-933 Jun 26 j 23:46	9°♊40'36	
morning max el	-933 Jul 05 j 15:35	13°♊43'49	18°59'40
asc. node	-933 Jul 12 j 18:23	22°♊49'51	
	-933 Jul 16 j 22:38	0°♋	
morning set	-933 Jul 22 j 07:36	10°♋17'04	
superior conj	-933 Jul 30 j 19:07	26°♋54'32	1°47'26
minimum elong	-933 Jul 30 j 19:42	26°♋57'19	1°47'26
	-933 Aug 01 j 10:03	0°♌	
max. Earth dist.	-933 Aug 06 j 12:37	9°♌25'39	1.38722 AU
evening rise	-933 Aug 10 j 10:33	16°♌19'42	
	-933 Aug 18 j 16:34	0°♍	
desc. node	-933 Aug 22 j 01:31	5°♍16'10	
	-933 Sep 08 j 21:07	0°♎	
evening max el	-933 Sep 14 j 23:28	6°♎45'41	24°33'01
retrograde	-933 Sep 26 j 08:24	13°♎24'36	
evening set	-933 Oct 01 j 19:51	11°♎06'41	
min. Earth dist.	-933 Oct 06 j 12:15	5°♎44'52	0.67344 AU
inferior conj	-933 Oct 07 j 06:29	4°♎43'55	0°-30'-15
minimum elong	-933 Oct 07 j 07:13	4°♎41'27	0°29'57
asc. node	-933 Oct 08 j 17:35	2°♎48'33	
	-933 Oct 11 j 04:17	30°℞♍	
morning rise	-933 Oct 12 j 18:58	28°♍37'51	
direct	-933 Oct 16 j 10:55	27°♍20'43	
	-933 Oct 22 j 06:05	0°♎	
morning max el	-933 Oct 24 j 05:25	1°♎49'51	20°13'20
greatest brilliancy	-933 Oct 31 j 01:24	10°♎06'30	-0.6m
	-933 Nov 13 j 16:09	0°♏	
desc. node	-933 Nov 18 j 00:51	6°♏40'04	
morning set	-933 Nov 20 j 09:21	10°♏17'56	
max. Earth dist.	-933 Dec 01 j 02:34	27°♏09'16	1.43668 AU
	-933 Dec 02 j 21:01	0°♐	
superior conj	-933 Dec 06 j 18:28	6°♐20'30	-1°-43'-25
minimum elong	-933 Dec 06 j 11:57	5°♐53'43	1°42'57
evening rise	-933 Dec 19 j 15:26	28°♐07'51	
	-933 Dec 20 j 17:18	0°♑	
asc. node	-932 Jan 04 j 16:53	23°♑48'44	
evening max el	-932 Jan 06 j 07:46	25°♑35'41	18°11'20
retrograde	-932 Jan 12 j 20:02	29°♑03'23	
evening set	-932 Jan 15 j 14:48	28°♑23'58	
inferior conj	-932 Jan 21 j 21:48	23°♑07'02	3°51'42
minimum elong	-932 Jan 21 j 20:50	23°♑09'37	3°51'38
min. Earth dist.	-932 Jan 24 j 13:38	20°♑17'49	0.62844 AU
morning rise	-932 Jan 28 j 00:56	17°♑08'32	
direct	-932 Feb 04 j 01:06	14°♑27'57	
desc. node	-932 Feb 14 j 00:02	18°♑46'40	
morning max el	-932 Feb 17 j 22:57	22°♑18'49	27°45'09
	-932 Feb 24 j 18:10	0°♒	
	-932 Mar 15 j 05:50	0°♓	
morning set	-932 Mar 22 j 22:10	14°♓40'38	
max. Earth dist.	-932 Mar 28 j 11:12	26°♓11'44	1.32902 AU

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-932 Mar 30 j 05:45	0°♈		
superior conj	-932 Mar 30 j 12:40	0°♈37'16	0°-22'-30	
minimum elong	-932 Mar 30 j 13:43	0°♈43'00	0°22'17	
asc. node	-932 Apr 01 j 16:12	5°♈16'15		
evening rise	-932 Apr 06 j 14:30	15°♈51'49		
	-932 Apr 13 j 16:30	0°♉		
evening max el	-932 Apr 30 j 09:12	23°♉48'59	23°41'52	
	-932 May 09 j 20:42	0°♊		
desc. node	-932 May 11 j 23:13	0°♊30'23		
retrograde	-932 May 14 j 02:01	0°♊40'36		
evening set	-932 May 18 j 02:25	0°♊04'59		
	-932 May 18 j 09:05	30°℞♉		
min. Earth dist.	-932 May 24 j 19:59	26°♉55'33	0.56117 AU	
inferior conj	-932 May 27 j 01:09	25°♉35'14	-3°-45'-22	
minimum elong	-932 May 26 j 18:37	25°♉45'11	3°43'58	
morning rise	-932 Jun 04 j 14:28	21°♉37'21		
direct	-932 Jun 07 j 05:32	21°♉19'56		
morning max el	-932 Jun 17 j 09:25	26°♉01'56	20°02'06	
	-932 Jun 21 j 01:02	0°♊		
asc. node	-932 Jun 28 j 15:26	11°♊38'08		
morning set	-932 Jul 05 j 11:03	24°♊46'42		
	-932 Jul 08 j 00:34	0°♋		
superior conj	-932 Jul 13 j 07:31	10°♋44'36	1°45'35	
minimum elong	-932 Jul 13 j 06:22	10°♋38'53	1°45'33	
max. Earth dist.	-932 Jul 18 j 16:44	21°♋16'14	1.36809 AU	
evening rise	-932 Jul 22 j 15:37	28°♋37'29		
	-932 Jul 23 j 09:51	0°♌		
desc. node	-932 Aug 07 j 22:33	25°♌31'43		
	-932 Aug 10 j 23:52	0°♍		
evening max el	-932 Aug 27 j 10:40	20°♍21'02	25°45'29	
retrograde	-932 Sep 08 j 17:59	27°♍24'06		
evening set	-932 Sep 14 j 20:06	24°♍50'35		
min. Earth dist.	-932 Sep 19 j 04:15	20°♍05'02	0.66761 AU	
inferior conj	-932 Sep 20 j 09:33	18°♍31'40	-1°-25'-37	
minimum elong	-932 Sep 20 j 11:41	18°♍24'52	1°24'47	
asc. node	-932 Sep 24 j 14:37	13°♍45'11		
morning rise	-932 Sep 26 j 04:01	12°♍34'26		
direct	-932 Sep 29 j 09:16	11°♍34'37		
morning max el	-932 Oct 06 j 11:04	15°♍34'40	19°13'41	
	-932 Oct 17 j 07:48	0°♎		
morning set	-932 Oct 29 j 13:31	18°♎54'14		
desc. node	-932 Nov 03 j 21:52	27°♎15'48		
	-932 Nov 05 j 15:49	0°♏		
max. Earth dist.	-932 Nov 12 j 17:24	11°♏06'06	1.44682 AU	
superior conj	-932 Nov 15 j 07:41	15°♏12'29	-1°-9'-53	
minimum elong	-932 Nov 14 j 23:55	14°♏41'40	1°09'03	
	-932 Nov 24 j 12:54	0°♐		
evening rise	-932 Nov 30 j 02:53	9°♐08'36		
	-932 Dec 12 j 23:46	0°♑		
evening max el	-932 Dec 19 j 19:55	8°♑57'16	18°32'05	
asc. node	-932 Dec 21 j 13:55	10°♑33'34		
retrograde	-932 Dec 26 j 10:27	12°♑36'38		
evening set	-932 Dec 29 j 10:03	11°♑47'08		
inferior conj	-931 Jan 04 j 08:40	6°♑11'29	3°35'38	
minimum elong	-931 Jan 04 j 06:22	6°♑18'16	3°35'16	
min. Earth dist.	-931 Jan 06 j 09:22	3°♑48'30	0.64535 AU	
morning rise	-931 Jan 10 j 01:21	0°♑04'57		
	-931 Jan 10 j 03:44	30°℞♐		
direct	-931 Jan 16 j 21:18	27°♐13'51		
	-931 Jan 24 j 10:28	0°♑		
morning max el	-931 Jan 30 j 08:03	5°♑00'09	27°18'28	
desc. node	-931 Jan 30 j 21:04	5°♑33'02		
	-931 Feb 18 j 09:06	0°♒		
morning set	-931 Mar 06 j 14:53	28°♒31'50		
	-931 Mar 07 j 08:51	0°♓		
max. Earth dist.	-931 Mar 11 j 10:39	8°♓12'56	1.33752 AU	
superior conj	-931 Mar 14 j 17:35	15°♓04'59	0°-48'-53	
minimum elong	-931 Mar 14 j 19:52	15°♓17'05	0°48'26	
asc. node	-931 Mar 19 j 13:15	25°♓20'15		
	-931 Mar 21 j 18:09	0°♈		
evening rise	-931 Mar 22 j 01:26	0°♈38'06		
	-931 Apr 08 j 01:22	0°♉		
evening max el	-931 Apr 12 j 02:45	4°♉28'13	22°07'32	
retrograde	-931 Apr 24 j 20:49	10°♉42'36		
evening set	-931 Apr 27 j 15:51	10°♉25'20		
desc. node	-931 Apr 28 j 20:13	10°♉08'11		
min. Earth dist.	-931 May 06 j 09:10	6°♉40'41	0.55162 AU	
inferior conj	-931 May 07 j 00:47	6°♉18'41	-2°-15'-39	
minimum elong	-931 May 06 j 18:52	6°♉27'01	2°13'44	
morning rise	-931 May 15 j 23:29	2°♉23'16		
direct	-931 May 18 j 20:13	2°♉04'50		
morning max el	-931 May 30 j 16:09	7°♉37'39	21°23'58	
	-931 Jun 15 j 00:42	0°♊		
asc. node	-931 Jun 15 j 12:29	0°♊56'38		
morning set	-931 Jun 19 j 19:17	9°♊32'35		
superior conj	-931 Jun 27 j 05:43	25°♊05'26	1°36'44	
minimum elong	-931 Jun 27 j 03:33	24°♊54'12	1°36'34	
	-931 Jun 29 j 14:59	0°♋		
max. Earth dist.	-931 Jul 01 j 04:10	3°♋07'54	1.35181 AU	
evening rise	-931 Jul 05 j 15:07	11°♋50'42		
	-931 Jul 15 j 19:55	0°♌		
desc. node	-931 Jul 25 j 19:33	15°♌25'33		
	-931 Aug 06 j 04:15	0°♍		
evening max el	-931 Aug 09 j 22:26	3°♍54'59	26°43'00	
retrograde	-931 Aug 22 j 22:25	11°♍10'55		
evening set	-931 Aug 29 j 13:53	8°♍27'29		
min. Earth dist.	-931 Sep 02 j 14:26	4°♍19'40	0.65834 AU	
inferior conj	-931 Sep 04 j 07:50	2°♍16'31	-2°-20'-9	
minimum elong	-931 Sep 04 j 11:16	2°♍06'17	2°18'55	
	-931 Sep 06 j 07:08	30°℞♌		
morning rise	-931 Sep 10 j 09:49	26°♌31'13		
asc. node	-931 Sep 11 j 11:40	26°♌03'09		
direct	-931 Sep 13 j 06:47	25°♌45'01		
morning max el	-931 Sep 19 j 22:30	29°♌25'01	18°29'50	
	-931 Sep 20 j 11:57	0°♍		
morning set	-931 Oct 09 j 18:49	28°♍47'46		
	-931 Oct 10 j 12:44	0°♎		
desc. node	-931 Oct 21 j 18:54	17°♎58'35		
superior conj	-931 Oct 25 j 08:02	23°♎34'22	0°-22'-57	
minimum elong	-931 Oct 25 j 04:59	23°♎22'24	0°22'34	
max. Earth dist.	-931 Oct 26 j 11:37	25°♎22'54	1.44989 AU	
	-931 Oct 29 j 10:08	0°♏		
evening rise	-931 Nov 10 j 14:25	19°♏09'59		
	-931 Nov 17 j 11:01	0°♐		
greatest brilliancy	-931 Nov 22 j 08:32	7°♐37'57	-0.7m	
evening max el	-931 Dec 03 j 05:38	22°♐23'48	19°10'13	
asc. node	-931 Dec 08 j 10:56	26°♐06'37		
retrograde	-931 Dec 10 j 05:44	26°♐24'19		
evening set	-931 Dec 13 j 11:42	25°♐22'57		
inferior conj	-931 Dec 19 j 04:16	19°♐31'02	3°06'52	
minimum elong	-931 Dec 19 j 01:25	19°♐40'05	3°06'09	
min. Earth dist.	-931 Dec 20 j 14:11	17°♐43'36	0.65858 AU	
morning rise	-931 Dec 24 j 14:16	13°♐19'18		
direct	-931 Dec 30 j 23:44	10°♐31'56		
morning max el	-930 Jan 12 j 17:29	18°♐01'39	26°22'40	
desc. node	-930 Jan 17 j 18:08	23°♐34'16		
	-930 Jan 22 j 20:11	0°♑		
	-930 Feb 11 j 08:02	0°♒		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning set	-930 Feb 17 j 19:18	11°♒41'24	
max. Earth dist.	-930 Feb 21 j 22:43	19°♒38'55	1.35061 AU
superior conj	-930 Feb 26 j 16:06	29°♒08'32	-1°-14'-3
minimum elong	-930 Feb 26 j 19:24	29°♒25'25	1°13'32
	-930 Feb 27 j 02:08	0°♓	
evening rise	-930 Mar 06 j 09:41	15°♓10'29	
asc. node	-930 Mar 06 j 10:17	15°♓13'34	
	-930 Mar 14 j 00:52	0°♈	
evening max el	-930 Mar 25 j 05:03	15°♈31'46	20°42'31
retrograde	-930 Apr 05 j 09:39	20°♈54'34	
evening set	-930 Apr 07 j 15:01	20°♈42'41	
desc. node	-930 Apr 15 j 17:16	17°♈22'35	
inferior conj	-930 Apr 16 j 19:18	16°♈45'26	0°-18'-32
minimum elong	-930 Apr 16 j 18:26	16°♈46'41	0°18'14
min. Earth dist.	-930 Apr 17 j 22:38	16°♈06'14	0.55131 AU
morning rise	-930 Apr 25 j 20:25	12°♈34'30	
direct	-930 Apr 29 j 07:33	12°♈08'31	
morning max el	-930 May 12 j 12:49	18°♈32'53	23°00'17
	-930 May 21 j 21:18	0°♉	
asc. node	-930 Jun 02 j 09:33	20°♉36'59	
morning set	-930 Jun 04 j 06:16	24°♉28'17	
	-930 Jun 06 j 20:58	0°♊	
superior conj	-930 Jun 11 j 10:32	9°♊46'38	1°22'31
minimum elong	-930 Jun 11 j 08:00	9°♊33'07	1°22'11
max. Earth dist.	-930 Jun 14 j 01:28	15°♊19'23	1.33920 AU
evening rise	-930 Jun 19 j 04:10	25°♊44'48	
	-930 Jun 21 j 08:33	0°♋	
	-930 Jul 09 j 05:44	0°♌	
desc. node	-930 Jul 12 j 16:33	4°♌47'49	
evening max el	-930 Jul 23 j 10:08	17°♌16'53	27°17'54
retrograde	-930 Aug 05 j 21:09	24°♌36'45	
evening set	-930 Aug 12 j 22:29	21°♌52'23	
min. Earth dist.	-930 Aug 16 j 16:23	18°♌21'27	0.64544 AU
inferior conj	-930 Aug 18 j 22:59	15°♌53'03	-3°-11'-28
minimum elong	-930 Aug 19 j 03:20	15°♌41'10	3°10'09
morning rise	-930 Aug 25 j 09:54	10°♌23'14	
direct	-930 Aug 28 j 01:06	9°♌47'07	
asc. node	-930 Aug 29 j 08:43	9°♌56'14	
morning max el	-930 Sep 03 j 13:17	13°♌15'23	18°02'53
	-930 Sep 15 j 04:55	0°♍	
morning set	-930 Sep 21 j 04:10	10°♍02'53	
	-930 Oct 03 j 05:05	0°♎	
superior conj	-930 Oct 04 j 17:23	2°♎26'32	0°25'38
minimum elong	-930 Oct 04 j 20:20	2°♎38'26	0°25'14
desc. node	-930 Oct 08 j 15:54	8°♎44'27	
max. Earth dist.	-930 Oct 09 j 06:05	9°♎40'43	1.44557 AU
evening rise	-930 Oct 21 j 04:54	28°♎20'54	
	-930 Oct 22 j 06:36	0°♏	
greatest brilliancy	-930 Nov 09 j 11:41	27°♏14'02	-0.6m
	-930 Nov 11 j 12:48	0°♐	
evening max el	-930 Nov 16 j 10:53	5°♐51'39	20°04'08
retrograde	-930 Nov 24 j 03:07	10°♐21'39	
asc. node	-930 Nov 25 j 07:58	10°♐13'23	
evening set	-930 Nov 27 j 17:22	9°♐06'22	
inferior conj	-930 Dec 03 j 05:49	3°♐01'10	2°28'54
minimum elong	-930 Dec 03 j 03:04	3°♐10'23	2°28'00
min. Earth dist.	-930 Dec 04 j 02:23	1°♐52'29	0.66788 AU
	-930 Dec 05 j 13:04	30°℞♏	
morning rise	-930 Dec 08 j 12:12	26°♏46'21	
direct	-930 Dec 14 j 07:36	24°♏13'19	
	-930 Dec 24 j 20:09	0°♐	
morning max el	-930 Dec 26 j 02:11	1°♐13'21	25°06'50
desc. node	-929 Jan 04 j 15:11	12°♐28'18	
	-929 Jan 16 j 20:52	0°♑	
morning set	-929 Jan 31 j 06:27	23°♑55'21	
	-929 Feb 03 j 14:32	0°♒	
max. Earth dist.	-929 Feb 04 j 00:03	0°♒44'12	1.36801 AU
superior conj	-929 Feb 10 j 05:21	12°♒39'59	-1°-36'-11
minimum elong	-929 Feb 10 j 09:03	12°♒58'12	1°35'48
evening rise	-929 Feb 18 j 13:09	29°♒23'02	
	-929 Feb 18 j 20:31	0°♓	
asc. node	-929 Feb 21 j 07:19	4°♓51'37	
evening max el	-929 Mar 07 j 18:24	27°♓12'24	19°34'10
	-929 Mar 11 j 08:19	0°♈	
retrograde	-929 Mar 17 j 06:02	1°♈45'00	
evening set	-929 Mar 19 j 10:25	1°♈31'38	
	-929 Mar 23 j 15:14	30°℞♓	
inferior conj	-929 Mar 27 j 23:16	27°♓26'45	1°32'36
minimum elong	-929 Mar 28 j 02:52	27°♓20'59	1°31'26
min. Earth dist.	-929 Mar 30 j 13:01	25°♓48'31	0.56031 AU
desc. node	-929 Apr 02 j 14:19	24°♓03'40	
morning rise	-929 Apr 05 j 15:48	22°♓45'54	
direct	-929 Apr 10 j 03:01	22°♓01'04	
morning max el	-929 Apr 24 j 04:06	29°♓05'53	24°40'39
	-929 Apr 25 j 02:10	0°♈	
	-929 May 15 j 02:29	0°♉	
morning set	-929 May 19 j 18:21	9°♉28'19	
asc. node	-929 May 20 j 06:37	10°♉32'59	
superior conj	-929 May 26 j 19:37	24°♉40'44	1°04'06
minimum elong	-929 May 26 j 17:15	24°♉27'56	1°03'42
max. Earth dist.	-929 May 28 j 07:21	27°♉54'11	1.33043 AU
	-929 May 29 j 06:45	0°♊	
evening rise	-929 Jun 03 j 02:54	10°♊08'09	
	-929 Jun 13 j 16:16	0°♋	
desc. node	-929 Jun 29 j 13:34	23°♋25'17	
	-929 Jul 05 j 13:59	0°♌	
evening max el	-929 Jul 05 j 19:42	0°♌13'43	27°23'52
retrograde	-929 Jul 19 j 13:42	7°♌33'10	
evening set	-929 Jul 26 j 18:28	4°♌59'57	
min. Earth dist.	-929 Jul 30 j 08:27	2°♌00'19	0.62896 AU
	-929 Aug 01 j 10:03	30°℞♋	
inferior conj	-929 Aug 02 j 04:14	29°♋15'18	-3°-55'-57
minimum elong	-929 Aug 02 j 08:41	29°♋04'27	3°54'59
morning rise	-929 Aug 09 j 01:12	24°♋04'24	
direct	-929 Aug 11 j 13:02	23°♋35'31	
asc. node	-929 Aug 16 j 05:48	25°♋19'36	
morning max el	-929 Aug 18 j 04:45	27°♋00'25	17°53'48
	-929 Aug 20 j 19:53	0°♌	
morning set	-929 Sep 03 j 12:54	22°♌24'49	
	-929 Sep 07 j 20:07	0°♍	
superior conj	-929 Sep 15 j 03:35	12°♍33'23	1°05'01
minimum elong	-929 Sep 15 j 08:47	12°♍55'11	1°04'24
max. Earth dist.	-929 Sep 21 j 21:28	23°♍40'26	1.43449 AU
desc. node	-929 Sep 25 j 12:55	29°♍30'32	
	-929 Sep 25 j 20:21	0°♎	
evening rise	-929 Sep 30 j 11:07	7°♎14'06	
	-929 Oct 15 j 14:33	0°♏	
greatest brilliancy	-929 Oct 25 j 03:31	13°♏09'40	-0.4m
evening max el	-929 Oct 30 j 10:21	19°♏19'10	21°11'08
retrograde	-929 Nov 08 j 00:26	24°♏25'06	
evening set	-929 Nov 12 j 00:58	22°♏53'51	
asc. node	-929 Nov 12 j 05:01	22°♏45'56	
inferior conj	-929 Nov 17 j 11:00	16°♏38'47	1°44'08
minimum elong	-929 Nov 17 j 08:50	16°♏46'16	1°43'18
min. Earth dist.	-929 Nov 17 j 19:48	16°♏08'32	0.67358 AU
morning rise	-929 Nov 22 j 16:21	10°♏22'59	
direct	-929 Nov 27 j 20:20	8°♏10'13	
morning max el	-929 Dec 08 j 11:01	14°♏29'37	23°40'42

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-929 Dec 21 j 01:54	0°♐	
desc. node	-929 Dec 22 j 12:13	1°♐59'24	
	-928 Jan 09 j 19:23	0°♑	
morning set	-928 Jan 12 j 18:04	4°♑56'18	
max. Earth dist.	-928 Jan 16 j 19:35	11°♑58'06	1.38842 AU
superior conj	-928 Jan 24 j 05:25	25°♑28'00	-1°-52'-46
minimum elong	-928 Jan 24 j 08:21	25°♑41'47	1°52'38
	-928 Jan 26 j 14:46	0°♒	
evening rise	-928 Feb 02 j 09:12	13°♒07'38	
asc. node	-928 Feb 08 j 04:22	24°♒07'54	
	-928 Feb 11 j 13:49	0°♓	
evening max el	-928 Feb 18 j 17:46	9°♓28'34	18°45'22
retrograde	-928 Feb 26 j 19:22	13°♓23'15	
evening set	-928 Feb 29 j 03:30	13°♓04'46	
inferior conj	-928 Mar 07 j 22:07	8°♓42'33	2°53'07
minimum elong	-928 Mar 08 j 02:30	8°♓34'24	2°52'06
min. Earth dist.	-928 Mar 11 j 05:46	6°♓15'38	0.57657 AU
morning rise	-928 Mar 15 j 21:25	3°♓29'52	
desc. node	-928 Mar 19 j 11:23	2°♓22'53	
direct	-928 Mar 21 j 12:00	2°♓12'42	
morning max el	-928 Apr 04 j 19:58	9°♓43'08	26°10'17
	-928 Apr 20 j 05:39	0°♈	
morning set	-928 May 03 j 05:47	24°♈25'48	
	-928 May 05 j 20:33	0°♉	
asc. node	-928 May 06 j 03:40	0°♉38'28	
superior conj	-928 May 10 j 06:53	9°♉39'58	0°42'27
minimum elong	-928 May 10 j 05:08	9°♉30'22	0°42'06
max. Earth dist.	-928 May 10 j 18:30	10°♉43'36	1.32535 AU
evening rise	-928 May 17 j 08:10	24°♉49'55	
	-928 May 19 j 20:52	0°♊	
	-928 Jun 06 j 10:41	0°♋	
desc. node	-928 Jun 15 j 10:37	10°♋58'36	
evening max el	-928 Jun 17 j 00:30	12°♋32'25	26°57'16
retrograde	-928 Jun 30 j 23:24	19°♋50'12	
evening set	-928 Jul 07 j 21:36	17°♋42'20	
min. Earth dist.	-928 Jul 11 j 14:19	15°♋01'34	0.60948 AU
inferior conj	-928 Jul 14 j 20:15	12°♋14'41	-4°-28'-4
minimum elong	-928 Jul 14 j 23:18	12°♋08'07	4°27'44
morning rise	-928 Jul 22 j 04:03	7°♋25'31	
direct	-928 Jul 24 j 14:47	7°♋01'36	
morning max el	-928 Jul 31 j 17:57	10°♋32'34	18°03'36
asc. node	-928 Aug 02 j 02:52	11°♋58'51	
	-928 Aug 13 j 14:02	0°♌	
morning set	-928 Aug 16 j 15:08	5°♌37'14	
superior conj	-928 Aug 26 j 17:03	24°♌01'12	1°31'05
minimum elong	-928 Aug 26 j 21:09	24°♌19'18	1°30'44
	-928 Aug 30 j 03:09	0°♍	
max. Earth dist.	-928 Sep 03 j 07:12	7°♍04'28	1.41810 AU
evening rise	-928 Sep 09 j 03:32	16°♍37'45	
desc. node	-928 Sep 11 j 09:57	20°♍13'45	
	-928 Sep 17 j 17:51	0°♎	
greatest brilliancy	-928 Oct 07 j 09:38	27°♎26'05	-0.3m
	-928 Oct 09 j 13:54	0°♏	
evening max el	-928 Oct 12 j 04:04	2°♏47'28	22°27'27
retrograde	-928 Oct 21 j 19:55	8°♏32'10	
evening set	-928 Oct 26 j 08:43	6°♏43'18	
asc. node	-928 Oct 29 j 02:04	3°♏54'24	
inferior conj	-928 Oct 31 j 17:53	0°♏22'08	0°54'26
minimum elong	-928 Oct 31 j 16:38	0°♏26'25	0°53'54
min. Earth dist.	-928 Oct 31 j 16:02	0°♏28'33	0.67597 AU
	-928 Nov 01 j 00:17	30°℞♎	
morning rise	-928 Nov 06 j 00:27	24°♎07'47	
direct	-928 Nov 10 j 13:20	22°♎17'22	
morning max el	-928 Nov 19 j 22:46	27°♎51'00	22°13'52
	-928 Nov 21 j 23:10	0°♏	
greatest brilliancy	-928 Nov 24 j 15:06	3°♏07'14	-0.3m
desc. node	-928 Dec 08 j 09:15	21°♏57'12	
	-928 Dec 13 j 18:18	0°♐	
morning set	-928 Dec 23 j 01:00	14°♐33'09	
max. Earth dist.	-928 Dec 28 j 16:46	23°♐52'37	1.40941 AU
	-927 Jan 01 j 06:59	0°♑	
superior conj	-927 Jan 05 j 11:24	7°♑20'40	-2°00'-20
minimum elong	-927 Jan 05 j 11:46	7°♑22'20	2°00'21
evening rise	-927 Jan 15 j 18:40	26°♑16'51	
	-927 Jan 17 j 18:31	0°♒	
asc. node	-927 Jan 25 j 01:25	12°♒55'14	
evening max el	-927 Feb 01 j 00:33	22°♒13'39	18°16'41
retrograde	-927 Feb 08 j 03:07	25°♒46'14	
evening set	-927 Feb 10 j 15:36	25°♒20'29	
inferior conj	-927 Feb 17 j 17:52	20°♒37'12	3°37'58
minimum elong	-927 Feb 17 j 20:24	20°♒31'41	3°37'39
min. Earth dist.	-927 Feb 21 j 03:10	17°♒42'32	0.59677 AU
morning rise	-927 Feb 24 j 21:48	15°♒00'47	
direct	-927 Mar 03 j 09:57	13°♒05'10	
desc. node	-927 Mar 06 j 08:27	13°♒27'48	
morning max el	-927 Mar 17 j 16:47	20°♒48'59	27°14'38
	-927 Mar 25 j 15:41	0°♓	
	-927 Apr 13 j 00:33	0°♈	
morning set	-927 Apr 17 j 14:50	9°♈14'44	
asc. node	-927 Apr 23 j 00:44	20°♈49'09	
superior conj	-927 Apr 24 j 18:37	24°♈38'27	0°18'23
minimum elong	-927 Apr 24 j 17:48	24°♈33'57	0°18'13
max. Earth dist.	-927 Apr 24 j 07:22	23°♈36'44	1.32387 AU
	-927 Apr 27 j 05:18	0°♉	
evening rise	-927 May 01 j 17:32	9°♉42'13	
	-927 May 12 j 05:57	0°♊	
evening max el	-927 May 29 j 22:55	24°♊07'06	25°58'51
desc. node	-927 Jun 02 j 07:40	27°♊01'16	
	-927 Jun 07 j 04:17	0°♋	
retrograde	-927 Jun 13 j 00:31	1°♋20'53	
	-927 Jun 18 j 18:50	30°℞♊	
evening set	-927 Jun 19 j 03:26	29°♊49'52	
min. Earth dist.	-927 Jun 23 j 11:35	27°♊10'24	0.58887 AU
inferior conj	-927 Jun 26 j 19:24	24°♊41'59	-4°-39'-7
minimum elong	-927 Jun 26 j 19:07	24°♊42'32	4°39'07
morning rise	-927 Jul 04 j 14:28	20°♊15'21	
direct	-927 Jul 07 j 01:58	19°♊54'49	
morning max el	-927 Jul 15 j 01:46	23°♊42'59	18°33'16
asc. node	-927 Jul 19 j 23:56	29°♊38'32	
	-927 Jul 20 j 05:52	0°♋	
morning set	-927 Jul 31 j 05:56	19°♋26'50	
	-927 Aug 05 j 17:14	0°♌	
superior conj	-927 Aug 09 j 05:04	6°♌36'10	1°44'32
minimum elong	-927 Aug 09 j 06:54	6°♌44'45	1°44'28
max. Earth dist.	-927 Aug 16 j 11:36	19°♌44'36	1.39869 AU
evening rise	-927 Aug 20 j 18:44	27°♌05'54	
	-927 Aug 22 j 12:36	0°♍	
desc. node	-927 Aug 29 j 06:58	10°♍49'58	
	-927 Sep 11 j 08:47	0°♎	
evening max el	-927 Sep 24 j 17:35	16°♎18'18	23°47'48
retrograde	-927 Oct 05 j 12:09	22°♎39'14	
evening set	-927 Oct 10 j 14:56	20°♎31'58	
min. Earth dist.	-927 Oct 15 j 12:31	14°♎50'01	0.67525 AU
asc. node	-927 Oct 15 j 23:07	14°♎13'52	
inferior conj	-927 Oct 16 j 00:38	14°♎08'43	0°01'18
minimum elong	-927 Oct 16 j 00:36	14°♎08'49	0°01'17
transit middle	-927 Oct 16 j 00:36	14°♎08'49	0°01'17
transit begin	-927 Oct 15 j 21:54	14°♎18'03	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

transit end	-927 Oct 16 j 03:19	13°♎59'36		
morning rise	-927 Oct 21 j 10:25	7°♎58'36		
direct	-927 Oct 25 j 09:33	6°♎29'50		
morning max el	-927 Nov 02 j 16:34	11°♎20'16	20°53'58	
greatest brilliancy	-927 Nov 08 j 10:24	18°♎03'49	-0.5m	
	-927 Nov 17 j 00:56	0°♏		
desc. node	-927 Nov 25 j 06:15	12°♏13'45		
morning set	-927 Dec 02 j 05:53	22°♏58'25		
	-927 Dec 06 j 16:54	0°♐		
max. Earth dist.	-927 Dec 10 j 20:59	6°♐42'23	1.42810 AU	
superior conj	-927 Dec 17 j 17:46	18°♐04'45	-1°-54'-30	
minimum elong	-927 Dec 17 j 13:47	17°♐47'55	1°54'19	
	-927 Dec 24 j 15:47	0°♑		
evening rise	-927 Dec 29 j 13:37	8°♑42'03		
	-926 Jan 11 j 04:06	0°♒		
asc. node	-926 Jan 11 j 22:26	1°♒04'14		
evening max el	-926 Jan 15 j 11:40	5°♒18'37	18°07'47	
retrograde	-926 Jan 22 j 02:12	8°♒44'01		
evening set	-926 Jan 24 j 18:44	8°♒09'45		
inferior conj	-926 Jan 31 j 07:51	3°♒04'50	3°53'12	
minimum elong	-926 Jan 31 j 08:01	3°♒04'24	3°53'11	
	-926 Feb 03 j 10:52	30°℞♑		
min. Earth dist.	-926 Feb 03 j 07:43	0°♒07'26	0.61747 AU	
morning rise	-926 Feb 06 j 18:55	27°♑12'59		
direct	-926 Feb 13 j 17:57	24°♑45'03		
desc. node	-926 Feb 21 j 05:28	27°♑12'30		
	-926 Feb 25 j 00:26	0°♒		
morning max el	-926 Feb 27 j 19:40	2°♒34'29	27°44'35	
	-926 Mar 20 j 00:24	0°♓		
morning set	-926 Apr 01 j 19:35	23°♓48'19		
	-926 Apr 04 j 19:05	0°♈		
max. Earth dist.	-926 Apr 07 j 18:14	6°♈20'46	1.32604 AU	
superior conj	-926 Apr 09 j 05:09	9°♈30'15	0°-7'-19	
minimum elong	-926 Apr 09 j 05:29	9°♈32'05	0°07'15	
behind sun begin	-926 Apr 09 j 00:55	9°♈07'12		
behind sun end	-926 Apr 09 j 10:04	9°♈57'00		
asc. node	-926 Apr 09 j 21:47	11°♈00'51		
evening rise	-926 Apr 16 j 04:58	24°♈37'58		
	-926 Apr 18 j 19:00	0°♉		
	-926 May 07 j 00:11	0°♊		
evening max el	-926 May 11 j 15:34	5°♊03'05	24°35'50	
desc. node	-926 May 20 j 04:42	10°♊59'15		
retrograde	-926 May 25 j 14:22	12°♊06'03		
evening set	-926 May 30 j 10:40	11°♊13'08		
min. Earth dist.	-926 Jun 05 j 03:11	8°♊18'29	0.56996 AU	
inferior conj	-926 Jun 07 j 22:54	6°♊29'07	-4°-17'-19	
minimum elong	-926 Jun 07 j 18:10	6°♊36'48	4°16'39	
morning rise	-926 Jun 16 j 05:32	2°♊22'39		
direct	-926 Jun 18 j 19:09	2°♊04'18		
morning max el	-926 Jun 28 j 01:20	6°♊22'38	19°23'42	
asc. node	-926 Jul 06 j 21:00	18°♊05'25		
	-926 Jul 13 j 08:15	0°♋		
morning set	-926 Jul 15 j 05:39	3°♋44'35		
superior conj	-926 Jul 23 j 10:01	20°♋03'04	1°47'37	
minimum elong	-926 Jul 23 j 09:47	20°♋01'55	1°47'38	
	-926 Jul 28 j 14:59	0°♌		
max. Earth dist.	-926 Jul 29 j 14:35	1°♌49'18	1.37884 AU	
evening rise	-926 Aug 02 j 11:01	8°♌46'17		
	-926 Aug 15 j 08:23	0°♍		
desc. node	-926 Aug 16 j 04:01	1°♍14'53		
evening max el	-926 Sep 07 j 05:13	29°♍53'05	25°05'15	
	-926 Sep 07 j 08:03	0°♎		
retrograde	-926 Sep 19 j 00:10	6°♎42'56		
evening set	-926 Sep 24 j 17:54	4°♎18'09		
	-926 Sep 28 j 15:49	30°℞♍		
min. Earth dist.	-926 Sep 29 j 06:49	29°♍11'25	0.67140 AU	
inferior conj	-926 Sep 30 j 05:34	27°♍56'45	0°-53'-41	
minimum elong	-926 Sep 30 j 06:54	27°♍52'24	0°53'09	
asc. node	-926 Oct 02 j 20:09	24°♍40'54		
morning rise	-926 Oct 05 j 20:23	21°♍53'56		
direct	-926 Oct 09 j 07:37	20°♍44'24		
morning max el	-926 Oct 16 j 18:00	24°♍59'42	19°46'07	
	-926 Oct 21 j 01:12	0°♎		
greatest brilliancy	-926 Oct 24 j 16:54	4°♎56'26	-0.6m	
	-926 Nov 10 j 08:57	0°♏		
morning set	-926 Nov 11 j 03:08	1°♏10'17		
desc. node	-926 Nov 12 j 03:17	2°♏43'50		
max. Earth dist.	-926 Nov 23 j 09:03	20°♏21'23	1.44190 AU	
superior conj	-926 Nov 27 j 21:07	27°♏34'12	-1°-31'-20	
minimum elong	-926 Nov 27 j 13:21	27°♏02'55	1°30'39	
	-926 Nov 29 j 09:08	0°♐		
evening rise	-926 Dec 11 j 13:46	20°♐15'53		
	-926 Dec 17 j 07:37	0°♑		
asc. node	-926 Dec 29 j 19:27	18°♑23'45		
evening max el	-926 Dec 30 j 00:13	18°♑35'58	18°17'54	
retrograde	-925 Jan 05 j 12:18	22°♑07'01		
evening set	-925 Jan 08 j 09:06	21°♑23'19		
inferior conj	-925 Jan 14 j 12:12	15°♑57'59	3°46'41	
minimum elong	-925 Jan 14 j 10:33	16°♑02'32	3°46'30	
min. Earth dist.	-925 Jan 16 j 21:36	13°♑18'39	0.63614 AU	
morning rise	-925 Jan 20 j 10:26	9°♑55'54		
direct	-925 Jan 27 j 09:50	7°♑09'12		
desc. node	-925 Feb 08 j 02:29	13°♑02'53		
morning max el	-925 Feb 10 j 03:16	14°♑58'15	27°37'48	
	-925 Feb 22 j 10:22	0°♒		
	-925 Mar 12 j 14:54	0°♓		
morning set	-925 Mar 16 j 17:33	7°♓57'46		
max. Earth dist.	-925 Mar 21 j 23:10	18°♓41'47	1.33216 AU	
superior conj	-925 Mar 24 j 12:40	24°♓08'33	0°-33'-44	
minimum elong	-925 Mar 24 j 14:16	24°♓17'06	0°33'25	
	-925 Mar 27 j 06:02	0°♈		
asc. node	-925 Mar 27 j 18:48	1°♈08'50		
evening rise	-925 Mar 31 j 16:38	9°♈29'49		
	-925 Apr 11 j 10:17	0°♉		
evening max el	-925 Apr 23 j 06:41	15°♉39'19	23°01'14	
retrograde	-925 May 06 j 15:24	22°♉17'05		
desc. node	-925 May 07 j 01:43	22°♉16'40		
evening set	-925 May 10 j 02:10	21°♉51'03		
min. Earth dist.	-925 May 17 j 16:10	18°♉28'34	0.55611 AU	
inferior conj	-925 May 19 j 06:56	17°♉32'23	-3°-12'-15	
minimum elong	-925 May 18 j 23:57	17°♉42'31	3°10'24	
morning rise	-925 May 28 j 00:44	13°♉37'50		
direct	-925 May 30 j 17:49	13°♉20'20		
morning max el	-925 Jun 10 j 14:23	18°♉22'27	20°34'47	
	-925 Jun 19 j 15:47	0°♊		
asc. node	-925 Jun 23 j 18:03	7°♊07'28		
morning set	-925 Jun 29 j 11:24	18°♊21'53		
	-925 Jul 05 j 02:44	0°♋		
superior conj	-925 Jul 07 j 03:01	4°♋07'14	1°42'35	
minimum elong	-925 Jul 07 j 01:21	3°♋58'47	1°42'30	
max. Earth dist.	-925 Jul 11 j 21:35	13°♋38'22	1.36076 AU	
evening rise	-925 Jul 16 j 00:31	21°♋28'48		
	-925 Jul 20 j 17:59	0°♌		
desc. node	-925 Aug 03 j 01:03	21°♌21'59		
	-925 Aug 09 j 04:47	0°♍		
evening max el	-925 Aug 20 j 16:39	13°♍28'22	26°12'13	
retrograde	-925 Sep 02 j 07:25	20°♍37'34		
evening set	-925 Sep 08 j 15:40	17°♍58'50		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

min. Earth dist.	-925 Sep 12 j 20:29	13°♍29'30	0.66414 AU
inferior conj	-925 Sep 14 j 06:50	11°♍43'05	-1°-48'-59
minimum elong	-925 Sep 14 j 09:32	11°♍34'41	1°47'56
asc. node	-925 Sep 19 j 17:11	6°♍08'04	
morning rise	-925 Sep 20 j 04:19	5°♍50'44	
direct	-925 Sep 23 j 05:50	4°♍57'05	
morning max el	-925 Sep 30 j 02:23	8°♍47'06	18°53'05
	-925 Oct 15 j 04:28	0°♎	
morning set	-925 Oct 21 j 16:45	10°♎16'30	
desc. node	-925 Oct 30 j 00:20	23°♎22'59	
	-925 Nov 03 j 05:22	0°♏	
max. Earth dist.	-925 Nov 06 j 02:14	4°♏30'50	1.44902 AU
superior conj	-925 Nov 07 j 02:25	6°♏06'06	0°-51'-2
minimum elong	-925 Nov 06 j 20:03	5°♏40'58	0°50'16
	-925 Nov 22 j 02:23	0°♐	
evening rise	-925 Nov 22 j 15:13	0°♐51'50	
	-925 Dec 11 j 16:31	0°♑	
evening max el	-925 Dec 13 j 11:36	2°♑00'15	18°46'12
asc. node	-925 Dec 16 j 16:28	4°♑40'18	
retrograde	-925 Dec 20 j 05:20	5°♑47'41	
evening set	-925 Dec 23 j 07:27	4°♑53'16	
	-925 Dec 28 j 10:44	30°℞♐	
inferior conj	-925 Dec 29 j 03:12	29°♐10'04	3°24'44
minimum elong	-925 Dec 29 j 00:35	29°♐18'04	3°24'13
min. Earth dist.	-925 Dec 30 j 21:22	27°♐01'44	0.65141 AU
morning rise	-924 Jan 03 j 16:38	23°♐00'57	
direct	-924 Jan 10 j 08:32	20°♐10'14	
morning max el	-924 Jan 23 j 13:01	27°♐50'53	26°57'55
desc. node	-924 Jan 25 j 23:31	0°♑24'39	
	-924 Jan 25 j 14:30	0°♑	
	-924 Feb 16 j 03:19	0°♒	
morning set	-924 Feb 28 j 05:37	21°♒33'25	
	-924 Mar 03 j 12:28	0°♓	
max. Earth dist.	-924 Mar 03 j 18:25	0°♓30'02	1.34258 AU
superior conj	-924 Mar 07 j 15:12	8°♓27'12	0°-59'-47
minimum elong	-924 Mar 07 j 17:58	8°♓41'39	0°59'18
asc. node	-924 Mar 13 j 15:50	21°♓09'06	
evening rise	-924 Mar 15 j 02:44	24°♓11'34	
	-924 Mar 17 j 22:50	0°♈	
evening max el	-924 Apr 04 j 03:15	26°♈25'55	21°29'32
	-924 Apr 08 j 15:46	0°♉	
retrograde	-924 Apr 16 j 06:43	2°♉19'54	
evening set	-924 Apr 18 j 17:58	2°♉06'02	
desc. node	-924 Apr 22 j 22:43	0°♉45'48	
	-924 Apr 24 j 13:40	30°℞♈	
inferior conj	-924 Apr 28 j 02:38	28°♈05'02	-1°-27'-26
minimum elong	-924 Apr 27 j 22:33	28°♈10'45	1°26'02
min. Earth dist.	-924 Apr 28 j 05:13	28°♈01'25	0.55033 AU
morning rise	-924 May 07 j 03:37	24°♈05'36	
direct	-924 May 10 j 04:59	23°♈45'12	
morning max el	-924 May 22 j 16:38	29°♈40'09	22°03'43
	-924 May 23 j 01:02	0°♉	
asc. node	-924 Jun 09 j 15:07	26°♉35'58	
	-924 Jun 11 j 07:39	0°♊	
morning set	-924 Jun 12 j 21:02	3°♊12'31	
superior conj	-924 Jun 20 j 04:24	18°♊37'45	1°31'17
minimum elong	-924 Jun 20 j 02:00	18°♊25'11	1°31'02
max. Earth dist.	-924 Jun 23 j 13:03	25°♊36'16	1.34596 AU
	-924 Jun 25 j 17:14	0°♋	
evening rise	-924 Jun 28 j 06:19	5°♋00'28	
	-924 Jul 12 j 11:47	0°♌	
desc. node	-924 Jul 19 j 22:03	11°♌03'30	
evening max el	-924 Aug 02 j 04:18	26°♌57'19	27°00'57
	-924 Aug 05 j 15:29	0°♍	
retrograde	-924 Aug 15 j 09:33	4°♍16'16	
evening set	-924 Aug 22 j 05:54	1°♍30'44	
	-924 Aug 23 j 22:17	30°℞♌	
min. Earth dist.	-924 Aug 26 j 03:18	27°♌39'15	0.65329 AU
inferior conj	-924 Aug 28 j 02:20	25°♌24'16	-2°-42'-33
minimum elong	-924 Aug 28 j 06:14	25°♌13'04	2°41'13
morning rise	-924 Sep 03 j 08:01	19°♌45'28	
asc. node	-924 Sep 05 j 14:16	19°♌05'25	
direct	-924 Sep 06 j 02:10	19°♌04'04	
morning max el	-924 Sep 12 j 15:38	22°♌38'03	18°16'18
	-924 Sep 18 j 11:15	0°♍	
morning set	-924 Oct 01 j 10:10	20°♍44'58	
	-924 Oct 07 j 01:59	0°♎	
desc. node	-924 Oct 15 j 21:22	14°♎07'13	
superior conj	-924 Oct 16 j 03:52	14°♎33'00	0°-1'-46
minimum elong	-924 Oct 16 j 03:38	14°♎32'03	0°01'45
behind sun begin	-924 Oct 15 j 16:37	13°♎48'23	
behind sun end	-924 Oct 16 j 14:39	15°♎15'40	
max. Earth dist.	-924 Oct 18 j 20:45	18°♎49'17	1.44883 AU
	-924 Oct 25 j 23:47	0°♏	
evening rise	-924 Nov 01 j 16:52	10°♏28'50	
	-924 Nov 14 j 07:44	0°♐	
greatest brilliancy	-924 Nov 17 j 05:51	4°♐20'51	-0.7m
evening max el	-924 Nov 25 j 19:32	15°♐26'59	19°31'23
asc. node	-924 Dec 02 j 13:30	19°♐38'07	
retrograde	-924 Dec 03 j 01:57	19°♐39'38	
evening set	-924 Dec 06 j 11:05	18°♐32'45	
inferior conj	-924 Dec 12 j 01:40	12°♐34'40	2°51'44
minimum elong	-924 Dec 11 j 22:48	12°♐44'02	2°50'56
min. Earth dist.	-924 Dec 13 j 05:42	11°♐03'27	0.66290 AU
morning rise	-924 Dec 17 j 09:45	6°♐21'05	
direct	-924 Dec 23 j 13:25	3°♐38'47	
morning max el	-923 Jan 04 j 22:23	10°♐58'25	25°52'22
desc. node	-923 Jan 11 j 20:34	18°♐50'29	
	-923 Jan 20 j 03:21	0°♑	
	-923 Feb 07 j 17:48	0°♒	
morning set	-923 Feb 10 j 03:26	4°♒21'37	
max. Earth dist.	-923 Feb 14 j 01:35	11°♒44'16	1.35751 AU
superior conj	-923 Feb 19 j 10:11	22°♒18'03	-1°-23'-56
minimum elong	-923 Feb 19 j 13:45	22°♒36'03	1°23'27
	-923 Feb 23 j 04:45	0°♓	
evening rise	-923 Feb 27 j 09:14	8°♓36'10	
asc. node	-923 Feb 28 j 12:52	10°♓56'27	
	-923 Mar 11 j 02:51	0°♈	
evening max el	-923 Mar 17 j 10:11	7°♈44'34	20°11'07
retrograde	-923 Mar 27 j 21:25	12°♈45'14	
evening set	-923 Mar 30 j 01:00	12°♈33'28	
inferior conj	-923 Apr 07 j 23:35	8°♈34'47	0°31'12
minimum elong	-923 Apr 08 j 00:59	8°♈32'42	0°30'43
desc. node	-923 Apr 09 j 19:45	7°♈29'01	
min. Earth dist.	-923 Apr 09 j 19:19	7°♈29'38	0.55408 AU
morning rise	-923 Apr 16 j 22:21	4°♈11'44	
direct	-923 Apr 20 j 18:33	3°♈39'26	
morning max el	-923 May 04 j 10:28	10°♈23'37	23°43'15
	-923 May 18 j 23:04	0°♉	
asc. node	-923 May 27 j 12:12	16°♉23'33	
morning set	-923 May 28 j 08:42	18°♉10'36	
	-923 Jun 02 j 21:12	0°♊	
superior conj	-923 Jun 04 j 11:20	3°♊25'34	1°15'09
minimum elong	-923 Jun 04 j 08:49	3°♊12'02	1°14'47
max. Earth dist.	-923 Jun 06 j 14:03	7°♊56'40	1.33498 AU
evening rise	-923 Jun 11 j 23:56	19°♊08'28	
	-923 Jun 17 j 15:14	0°♋	
desc. node	-923 Jul 06 j 19:04	0°♌08'44	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-923 Jul 06 j 16:22	0°♌		
evening max el	-923 Jul 15 j 15:17	10°♌09'57	27°24'18	
retrograde	-923 Jul 29 j 06:02	17°♌30'53		
evening set	-923 Aug 05 j 09:40	14°♌49'32		
min. Earth dist.	-923 Aug 09 j 01:20	11°♌32'54	0.63876 AU	
inferior conj	-923 Aug 11 j 13:41	8°♌55'48	-3°-31'-30	
minimum elong	-923 Aug 11 j 18:13	8°♌43'59	3°30'17	
morning rise	-923 Aug 18 j 04:47	3°♌33'42		
direct	-923 Aug 20 j 18:07	3°♌01'09		
asc. node	-923 Aug 23 j 11:22	3°♌38'20		
morning max el	-923 Aug 27 j 07:07	6°♌27'18	17°56'47	
	-923 Sep 11 j 19:17	0°♍		
morning set	-923 Sep 13 j 06:15	2°♍30'43		
superior conj	-923 Sep 25 j 22:47	23°♍54'23	0°43'52	
minimum elong	-923 Sep 26 j 03:13	24°♍12'33	0°43'16	
	-923 Sep 29 j 16:53	0°♎		
max. Earth dist.	-923 Oct 01 j 13:43	2°♎59'36	1.44154 AU	
desc. node	-923 Oct 02 j 18:24	4°♎53'50		
evening rise	-923 Oct 12 j 01:42	19°♎26'34		
	-923 Oct 18 j 23:32	0°♏		
greatest brilliancy	-923 Nov 02 j 19:38	21°♏33'11	-0.5m	
evening max el	-923 Nov 08 j 22:26	28°♏54'48	20°31'18	
	-923 Nov 10 j 00:54	0°♐		
retrograde	-923 Nov 16 j 23:31	3°♐39'39		
asc. node	-923 Nov 19 j 10:34	3°♐05'01		
evening set	-923 Nov 20 j 17:48	2°♐18'02		
	-923 Nov 23 j 04:28	30°℞♏		
inferior conj	-923 Nov 26 j 05:03	26°♏08'23	2°10'39	
minimum elong	-923 Nov 26 j 02:29	26°♏17'04	2°09'45	
min. Earth dist.	-923 Nov 26 j 20:32	25°♏15'52	0.67071 AU	
morning rise	-923 Dec 01 j 10:40	19°♏52'42		
direct	-923 Dec 06 j 23:38	17°♏27'29		
morning max el	-923 Dec 18 j 06:45	24°♏11'43	24°30'48	
	-923 Dec 23 j 11:42	0°♐		
desc. node	-923 Dec 29 j 17:38	8°♐01'48		
	-922 Jan 13 j 14:03	0°♑		
morning set	-922 Jan 23 j 05:22	16°♑06'29		
max. Earth dist.	-922 Jan 26 j 23:01	22°♑46'15	1.37643 AU	
	-922 Jan 30 j 20:44	0°♒		
superior conj	-922 Feb 02 j 18:21	5°♒32'23	-1°-44'-6	
minimum elong	-922 Feb 02 j 21:54	5°♒49'33	1°43'48	
evening rise	-922 Feb 11 j 09:52	22°♒37'17		
asc. node	-922 Feb 15 j 09:54	0°♓25'48		
	-922 Feb 15 j 04:30	0°♓		
evening max el	-922 Feb 28 j 04:10	19°♓41'24	19°10'59	
retrograde	-922 Mar 08 j 23:55	23°♓55'27		
evening set	-922 Mar 11 j 05:45	23°♓40'14		
inferior conj	-922 Mar 19 j 10:53	19°♓29'08	2°11'09	
minimum elong	-922 Mar 19 j 15:16	19°♓21'40	2°09'54	
min. Earth dist.	-922 Mar 22 j 10:40	17°♓28'00	0.56657 AU	
morning rise	-922 Mar 27 j 20:46	14°♓34'11		
desc. node	-922 Mar 27 j 16:48	14°♓37'59		
direct	-922 Apr 01 j 20:06	13°♓36'40		
morning max el	-922 Apr 16 j 01:07	20°♓54'22	25°20'54	
	-922 Apr 23 j 21:23	0°♈		
	-922 May 11 j 08:11	0°♉		
morning set	-922 May 12 j 20:41	3°♉10'02		
asc. node	-922 May 14 j 09:14	6°♉24'01		
superior conj	-922 May 19 j 21:34	18°♉22'39	0°55'16	
minimum elong	-922 May 19 j 19:25	18°♉10'56	0°54'52	
max. Earth dist.	-922 May 20 j 22:32	20°♉38'42	1.32785 AU	
	-922 May 25 j 07:17	0°♊		
evening rise	-922 May 27 j 01:48	3°♊41'02		
	-922 Jun 10 j 09:41	0°♋		
desc. node	-922 Jun 23 j 16:07	18°♋21'51		
evening max el	-922 Jun 27 j 23:21	22°♋52'47	27°16'44	
	-922 Jul 09 j 18:33	0°♌		
retrograde	-922 Jul 11 j 19:53	0°♌11'21		
	-922 Jul 13 j 20:15	30°℞♋		
evening set	-922 Jul 18 j 23:03	27°♋47'38		
min. Earth dist.	-922 Jul 22 j 13:14	24°♋57'34	0.62091 AU	
inferior conj	-922 Jul 25 j 13:47	22°♋09'49	-4°-11'-33	
minimum elong	-922 Jul 25 j 17:51	22°♋00'23	4°10'51	
morning rise	-922 Aug 01 j 15:15	17°♋07'34		
direct	-922 Aug 04 j 02:19	16°♋41'02		
asc. node	-922 Aug 10 j 08:27	19°♋35'48		
morning max el	-922 Aug 10 j 21:56	20°♋07'37	17°55'33	
	-922 Aug 18 j 05:58	0°♌		
morning set	-922 Aug 26 j 23:09	15°♌16'13		
	-922 Sep 04 j 05:08	0°♍		
superior conj	-922 Sep 06 j 20:51	4°♍36'06	1°17'43	
minimum elong	-922 Sep 07 j 01:50	4°♍57'34	1°17'12	
max. Earth dist.	-922 Sep 14 j 02:56	16°♍46'00	1.42808 AU	
desc. node	-922 Sep 19 j 15:26	25°♍39'09		
evening rise	-922 Sep 21 j 10:07	28°♍27'14		
	-922 Sep 22 j 09:51	0°♎		
	-922 Oct 12 j 17:52	0°♏		
greatest brilliancy	-922 Oct 17 j 22:37	6°♏48'57	-0.4m	
evening max el	-922 Oct 22 j 19:30	12°♏22'48	21°42'49	
retrograde	-922 Oct 31 j 20:06	17°♏44'36		
evening set	-922 Nov 05 j 01:39	16°♏06'05		
asc. node	-922 Nov 06 j 07:38	14°♏58'52		
inferior conj	-922 Nov 10 j 11:09	9°♏48'13	1°23'35	
minimum elong	-922 Nov 10 j 09:20	9°♏54'30	1°22'50	
min. Earth dist.	-922 Nov 10 j 15:23	9°♏33'39	0.67503 AU	
morning rise	-922 Nov 15 j 16:46	3°♏32'52		
direct	-922 Nov 20 j 14:22	1°♏29'20		
morning max el	-922 Nov 30 j 16:12	7°♏28'51	23°03'19	
greatest brilliancy	-922 Dec 05 j 12:55	12°♏55'45	-0.3m	
desc. node	-922 Dec 16 j 14:41	27°♏45'18		
	-922 Dec 18 j 04:00	0°♐		
morning set	-921 Jan 04 j 05:07	26°♐31'46		
	-921 Jan 06 j 06:49	0°♑		
max. Earth dist.	-921 Jan 08 j 18:24	4°♑14'24	1.39745 AU	
superior conj	-921 Jan 16 j 11:25	17°♑58'49	-1°-57'-20	
minimum elong	-921 Jan 16 j 13:30	18°♑08'27	1°57'17	
	-921 Jan 22 j 20:59	0°♒		
evening rise	-921 Jan 26 j 01:49	6°♒07'50		
asc. node	-921 Feb 02 j 06:57	19°♒30'51		
	-921 Feb 09 j 06:35	0°♓		
evening max el	-921 Feb 11 j 07:07	2°♓11'29	18°30'46	
retrograde	-921 Feb 18 j 21:17	5°♓54'37		
evening set	-921 Feb 21 j 07:29	5°♓33'04		
inferior conj	-921 Feb 28 j 18:45	1°♓01'55	3°16'16	
minimum elong	-921 Feb 28 j 22:32	0°♓54'24	3°15'33	
	-921 Mar 02 j 01:46	30°℞♒		
min. Earth dist.	-921 Mar 04 j 04:47	28°♒20'32	0.58490 AU	
morning rise	-921 Mar 08 j 09:48	25°♒38'25		
direct	-921 Mar 14 j 10:48	24°♒05'04		
desc. node	-921 Mar 14 j 13:51	24°♒05'06		
	-921 Mar 26 j 22:48	0°♓		
morning max el	-921 Mar 28 j 18:36	1°♓41'25	26°41'28	
	-921 Apr 18 j 00:03	0°♈		
morning set	-921 Apr 27 j 07:21	18°♈05'21		
asc. node	-921 May 01 j 06:17	26°♈32'40		
	-921 May 02 j 20:16	0°♉		
superior conj	-921 May 04 j 09:15	3°♉22'50	0°32'30	
minimum elong	-921 May 04 j 07:52	3°♉15'12	0°32'13	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

max. Earth dist.	-921 May 04 j 11:08	3°♉33'07	1.32435 AU
evening rise	-921 May 11 j 09:08	18°♉29'07	
	-921 May 17 j 02:59	0°♊	
	-921 Jun 05 j 11:15	0°♋	
evening max el	-921 Jun 10 j 01:47	4°♋54'11	26°36'01
desc. node	-921 Jun 10 j 13:08	5°♋20'52	
retrograde	-921 Jun 24 j 01:46	12°♋09'38	
evening set	-921 Jun 30 j 17:33	10°♋16'34	
min. Earth dist.	-921 Jul 04 j 15:04	7°♋38'41	0.60081 AU
inferior conj	-921 Jul 07 j 23:05	4°♋57'18	-4°-35'-58
minimum elong	-921 Jul 08 j 00:57	4°♋53'30	4°35'51
morning rise	-921 Jul 15 j 11:37	0°♋17'31	
	-921 Jul 16 j 19:12	30°℞♊	
direct	-921 Jul 17 j 22:38	29°♊55'03	
	-921 Jul 19 j 01:46	0°♋	
morning max el	-921 Jul 25 j 09:09	3°♋31'34	18°13'40
asc. node	-921 Jul 28 j 05:31	6°♋42'41	
morning set	-921 Aug 10 j 07:15	28°♋46'11	
	-921 Aug 10 j 22:54	0°♌	
superior conj	-921 Aug 19 j 20:37	16°♌34'32	1°38'12
minimum elong	-921 Aug 19 j 23:47	16°♌48'54	1°38'00
max. Earth dist.	-921 Aug 27 j 10:45	29°♌53'51	1.41015 AU
	-921 Aug 27 j 12:12	0°♍	
evening rise	-921 Sep 01 j 11:22	8°♍15'52	
desc. node	-921 Sep 06 j 12:28	16°♍19'52	
	-921 Sep 15 j 12:48	0°♎	
greatest brilliancy	-921 Sep 30 j 03:10	19°♎52'38	-0.2m
evening max el	-921 Oct 05 j 11:12	25°♎51'49	23°01'29
	-921 Oct 10 j 08:21	0°♏	
retrograde	-921 Oct 15 j 14:12	1°♏52'01	
evening set	-921 Oct 20 j 08:56	29°♎55'07	
	-921 Oct 20 j 06:33	30°℞♎	
asc. node	-921 Oct 24 j 04:41	25°♎40'10	
inferior conj	-921 Oct 25 j 18:09	23°♎32'40	0°32'13
minimum elong	-921 Oct 25 j 17:24	23°♎35'16	0°31'52
min. Earth dist.	-921 Oct 25 j 11:52	23°♎54'19	0.67611 AU
morning rise	-921 Oct 31 j 01:53	17°♎20'04	
direct	-921 Nov 04 j 08:44	15°♎39'09	
morning max el	-921 Nov 13 j 06:15	20°♎53'09	21°38'41
greatest brilliancy	-921 Nov 18 j 05:33	26°♎33'15	-0.4m
	-921 Nov 20 j 21:57	0°♏	
desc. node	-921 Dec 03 j 11:43	17°♏51'45	
	-921 Dec 11 j 10:51	0°♐	
morning set	-921 Dec 14 j 23:45	5°♐33'38	
max. Earth dist.	-921 Dec 21 j 18:45	16°♐34'01	1.41780 AU
superior conj	-921 Dec 29 j 07:56	29°♐23'17	-1°-59'-46
minimum elong	-921 Dec 29 j 06:37	29°♐17'32	1°59'46
	-921 Dec 29 j 16:22	0°♑	
evening rise	-920 Jan 09 j 05:35	18°♑59'16	
	-920 Jan 15 j 07:32	0°♒	
asc. node	-920 Jan 20 j 03:59	8°♒02'59	
evening max el	-920 Jan 25 j 16:01	15°♒05'25	18°10'31
retrograde	-920 Feb 01 j 12:16	18°♒33'34	
evening set	-920 Feb 04 j 02:27	18°♒04'19	
inferior conj	-920 Feb 10 j 22:40	13°♒11'27	3°47'36
minimum elong	-920 Feb 11 j 00:11	13°♒07'57	3°47'28
min. Earth dist.	-920 Feb 14 j 04:45	10°♒12'54	0.60560 AU
morning rise	-920 Feb 17 j 18:58	7°♒27'30	
direct	-920 Feb 24 j 12:54	5°♒17'14	
desc. node	-920 Feb 29 j 10:53	6°♒20'53	
morning max el	-920 Mar 09 j 18:11	13°♒03'58	27°32'03
	-920 Mar 23 j 05:42	0°♓	
	-920 Apr 09 j 05:50	0°♈	
morning set	-920 Apr 10 j 14:50	2°♈48'52	
max. Earth dist.	-920 Apr 16 j 23:47	16°♈24'58	1.32436 AU
asc. node	-920 Apr 17 j 03:18	16°♈44'13	
superior conj	-920 Apr 17 j 20:39	18°♈19'04	0°07'39
minimum elong	-920 Apr 17 j 20:18	18°♈17'09	0°07'35
behind sun begin	-920 Apr 17 j 15:51	17°♈52'47	
behind sun end	-920 Apr 18 j 00:45	18°♈41'32	
	-920 Apr 23 j 05:20	0°♉	
evening rise	-920 Apr 24 j 19:35	3°♉23'40	
	-920 May 09 j 03:53	0°♊	
evening max el	-920 May 21 j 21:13	16°♊10'04	25°25'44
desc. node	-920 May 27 j 10:08	20°♊35'07	
retrograde	-920 Jun 04 j 22:16	23°♊20'43	
evening set	-920 Jun 10 j 13:34	22°♊06'11	
min. Earth dist.	-920 Jun 15 j 09:10	19°♊22'17	0.58050 AU
inferior conj	-920 Jun 18 j 14:03	17°♊07'58	-4°-34'-37
minimum elong	-920 Jun 18 j 11:53	17°♊11'47	4°34'29
morning rise	-920 Jun 26 j 14:04	12°♊50'53	
direct	-920 Jun 29 j 02:28	12°♊31'21	
morning max el	-920 Jul 07 j 13:49	16°♊30'08	18°52'11
asc. node	-920 Jul 14 j 02:33	24°♊43'49	
	-920 Jul 17 j 06:52	0°♋	
morning set	-920 Jul 24 j 02:12	12°♋48'42	
superior conj	-920 Aug 01 j 16:30	29°♋33'48	1°46'58
minimum elong	-920 Aug 01 j 17:24	29°♋38'04	1°46'58
	-920 Aug 01 j 22:01	0°♌	
max. Earth dist.	-920 Aug 08 j 13:52	12°♌17'02	1.39015 AU
evening rise	-920 Aug 12 j 13:23	19°♌14'48	
	-920 Aug 19 j 00:50	0°♍	
desc. node	-920 Aug 23 j 09:29	6°♍51'58	
	-920 Sep 08 j 18:21	0°♎	
evening max el	-920 Sep 16 j 23:27	9°♎23'53	24°21'28
retrograde	-920 Sep 28 j 04:51	15°♎58'41	
evening set	-920 Oct 03 j 14:00	13°♎43'27	
min. Earth dist.	-920 Oct 08 j 07:40	8°♎16'19	0.67398 AU
inferior conj	-920 Oct 09 j 00:20	7°♎20'19	0°-21'-54
minimum elong	-920 Oct 09 j 00:52	7°♎18'31	0°21'41
asc. node	-920 Oct 10 j 01:43	5°♎55'47	
morning rise	-920 Oct 14 j 12:04	1°♎13'07	
	-920 Oct 17 j 03:08	30°℞♍	
direct	-920 Oct 18 j 05:47	29°♍53'07	
	-920 Oct 19 j 09:02	0°♎	
morning max el	-920 Oct 26 j 03:24	4°♎27'39	20°23'28
greatest brilliancy	-920 Nov 01 j 15:48	12°♎16'48	-0.5m
	-920 Nov 13 j 22:29	0°♏	
desc. node	-920 Nov 19 j 08:46	8°♏14'57	
morning set	-920 Nov 22 j 22:24	13°♏44'51	
max. Earth dist.	-920 Dec 03 j 02:27	29°♏46'38	1.43463 AU
	-920 Dec 03 j 05:47	0°♐	
superior conj	-920 Dec 09 j 02:54	9°♐35'23	-1°-46'-55
minimum elong	-920 Dec 08 j 20:59	9°♐10'54	1°46'33
	-920 Dec 21 j 02:27	0°♑	
evening rise	-920 Dec 21 j 17:08	1°♑04'02	
asc. node	-919 Jan 06 j 01:00	25°♑52'37	
evening max el	-919 Jan 08 j 04:01	28°♑16'11	18°09'47
	-919 Jan 10 j 03:35	0°♒	
retrograde	-919 Jan 14 j 16:38	1°♒42'56	
evening set	-919 Jan 17 j 10:46	1°♒04'56	
	-919 Jan 19 j 07:06	30°℞♑	
inferior conj	-919 Jan 23 j 19:16	25°♑51'09	3°52'40
minimum elong	-919 Jan 23 j 18:35	25°♑52'58	3°52'38
min. Earth dist.	-919 Jan 26 j 13:21	22°♑59'04	0.62569 AU
morning rise	-919 Jan 30 j 00:19	19°♑54'09	
direct	-919 Feb 06 j 00:30	17°♑16'16	
desc. node	-919 Feb 15 j 07:55	21°♑03'22	
morning max el	-919 Feb 19 j 23:33	25°♑07'18	27°46'08

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-919 Feb 24 j 11:21	0°♒	
	-919 Mar 16 j 15:17	0°♓	
morning set	-919 Mar 25 j 17:01	17°♓13'18	
max. Earth dist.	-919 Mar 31 j 08:31	29°♓00'09	1.32810 AU
	-919 Mar 31 j 19:40	0°♈	
superior conj	-919 Apr 02 j 06:06	3°♈05'39	0°-18'-29
minimum elong	-919 Apr 02 j 06:58	3°♈10'21	0°18'19
asc. node	-919 Apr 04 j 00:20	6°♈54'40	
evening rise	-919 Apr 09 j 07:18	18°♈18'03	
	-919 Apr 15 j 02:10	0°♉	
evening max el	-919 May 03 j 12:16	26°♉53'39	23°56'04
	-919 May 07 j 04:03	0°♊	
desc. node	-919 May 14 j 07:08	3°♊28'21	
retrograde	-919 May 17 j 07:15	3°♊48'58	
evening set	-919 May 21 j 12:39	3°♊09'23	
min. Earth dist.	-919 May 27 j 23:23	0°♊04'05	0.56322 AU
	-919 May 28 j 02:06	30°℞♉	
inferior conj	-919 May 30 j 08:51	28°♉35'51	-3°-55'-17
minimum elong	-919 May 30 j 02:40	28°♉45'24	3°54'04
morning rise	-919 Jun 07 j 20:27	24°♉36'03	
direct	-919 Jun 10 j 11:00	24°♉18'29	
morning max el	-919 Jun 20 j 09:11	28°♉54'06	19°51'30
	-919 Jun 21 j 12:06	0°♊	
asc. node	-919 Jun 30 j 23:36	13°♊26'49	
morning set	-919 Jul 08 j 04:44	27°♊15'17	
	-919 Jul 09 j 13:17	0°♋	
superior conj	-919 Jul 16 j 03:05	13°♋18'10	1°46'21
minimum elong	-919 Jul 16 j 02:09	13°♋13'33	1°46'20
max. Earth dist.	-919 Jul 21 j 17:21	24°♋09'54	1.37078 AU
	-919 Jul 24 j 20:54	0°♌	
evening rise	-919 Jul 25 j 15:16	1°♌23'14	
desc. node	-919 Aug 10 j 06:30	27°♌10'03	
	-919 Aug 12 j 04:20	0°♍	
evening max el	-919 Aug 30 j 10:42	22°♍59'04	25°35'32
retrograde	-919 Sep 11 j 15:04	29°♍59'14	
evening set	-919 Sep 17 j 15:00	27°♍27'56	
min. Earth dist.	-919 Sep 22 j 00:23	22°♍36'44	0.66867 AU
inferior conj	-919 Sep 23 j 03:56	21°♍08'11	-1°-17'-16
minimum elong	-919 Sep 23 j 05:52	21°♍02'00	1°16'29
asc. node	-919 Sep 26 j 22:46	16°♍42'54	
morning rise	-919 Sep 28 j 21:23	15°♍09'18	
direct	-919 Oct 02 j 04:06	14°♍07'05	
morning max el	-919 Oct 09 j 07:57	18°♍10'56	19°21'35
	-919 Oct 18 j 11:36	0°♎	
greatest brilliancy	-919 Oct 19 j 01:23	0°♎50'33	-0.7m
morning set	-919 Nov 02 j 00:01	22°♎12'40	
desc. node	-919 Nov 06 j 05:48	28°♎49'21	
	-919 Nov 06 j 23:53	0°♏	
max. Earth dist.	-919 Nov 15 j 16:29	13°♏38'52	1.44577 AU
superior conj	-919 Nov 18 j 19:29	18°♏36'19	-1°-16'-3
minimum elong	-919 Nov 18 j 11:30	18°♏04'33	1°15'12
	-919 Nov 25 j 21:32	0°♐	
evening rise	-919 Dec 03 j 07:59	12°♐13'27	
	-919 Dec 14 j 03:26	0°♑	
evening max el	-919 Dec 22 j 16:23	11°♑37'05	18°27'50
asc. node	-919 Dec 23 j 22:02	12°♑47'11	
retrograde	-919 Dec 29 j 06:01	15°♑13'50	
evening set	-918 Jan 01 j 04:52	14°♑25'52	
inferior conj	-918 Jan 07 j 04:34	8°♑52'55	3°38'55
minimum elong	-918 Jan 07 j 02:25	8°♑59'10	3°38'37
min. Earth dist.	-918 Jan 09 j 07:34	6°♑25'18	0.64312 AU
morning rise	-918 Jan 12 j 22:35	2°♑47'29	
	-918 Jan 18 j 20:59	30°℞♐	
direct	-918 Jan 19 j 19:42	29°♐56'57	
	-918 Jan 20 j 18:48	0°♑	
desc. node	-918 Feb 02 j 04:58	7°♑36'04	
morning max el	-918 Feb 02 j 08:15	7°♑44'14	27°24'24
	-918 Feb 19 j 14:18	0°♒	
	-918 Mar 08 j 20:58	0°♓	
morning set	-918 Mar 09 j 11:13	1°♓09'37	
max. Earth dist.	-918 Mar 14 j 09:24	11°♓06'21	1.33597 AU
superior conj	-918 Mar 17 j 11:47	17°♓36'32	0°-44'-55
minimum elong	-918 Mar 17 j 13:54	17°♓47'45	0°44'31
asc. node	-918 Mar 21 j 21:23	26°♓59'57	
	-918 Mar 23 j 07:13	0°♈	
evening rise	-918 Mar 24 j 18:30	3°♈06'09	
	-918 Apr 08 j 19:18	0°♉	
evening max el	-918 Apr 15 j 05:05	7°♉31'45	22°21'17
retrograde	-918 Apr 28 j 03:26	13°♉52'37	
evening set	-918 May 01 j 02:04	13°♉33'34	
desc. node	-918 May 01 j 04:09	13°♉32'27	
min. Earth dist.	-918 May 09 j 12:35	9°♉55'15	0.55247 AU
inferior conj	-918 May 10 j 10:25	9°♉24'20	-2°-31'-39
minimum elong	-918 May 10 j 04:03	9°♉33'22	2°29'42
morning rise	-918 May 19 j 07:59	5°♉29'40	
direct	-918 May 22 j 03:36	5°♉11'35	
morning max el	-918 Jun 02 j 17:33	10°♉36'22	21°10'41
	-918 Jun 16 j 10:17	0°♊	
asc. node	-918 Jun 17 j 20:40	2°♊41'38	
morning set	-918 Jun 22 j 12:27	11°♊59'41	
superior conj	-918 Jun 30 j 00:05	27°♊35'24	1°38'28
minimum elong	-918 Jun 29 j 22:02	27°♊24'47	1°38'19
	-918 Jul 01 j 04:12	0°♋	
max. Earth dist.	-918 Jul 04 j 03:40	6°♋01'03	1.35403 AU
evening rise	-918 Jul 08 j 12:24	14°♋29'32	
	-918 Jul 17 j 04:35	0°♌	
desc. node	-918 Jul 28 j 03:31	17°♌07'51	
	-918 Aug 06 j 21:09	0°♍	
evening max el	-918 Aug 12 j 22:30	6°♍34'11	26°35'40
retrograde	-918 Aug 25 j 20:14	13°♍48'21	
evening set	-918 Sep 01 j 09:54	11°♍06'01	
min. Earth dist.	-918 Sep 05 j 11:35	6°♍52'32	0.66000 AU
inferior conj	-918 Sep 07 j 03:05	4°♍53'42	-2°-12'-4
minimum elong	-918 Sep 07 j 06:20	4°♍43'55	2°10'51
	-918 Sep 11 j 19:26	30°℞♌	
morning rise	-918 Sep 13 j 03:51	29°♌06'24	
asc. node	-918 Sep 13 j 19:50	28°♌47'02	
direct	-918 Sep 16 j 01:58	28°♌18'18	
	-918 Sep 20 j 11:46	0°♍	
morning max el	-918 Sep 22 j 18:39	2°♍00'31	18°35'16
	-918 Oct 11 j 20:47	0°♎	
morning set	-918 Oct 13 j 01:02	1°♎53'18	
desc. node	-918 Oct 24 j 02:51	19°♎31'12	
superior conj	-918 Oct 28 j 20:20	26°♎58'19	0°-30'-28
minimum elong	-918 Oct 28 j 16:19	26°♎42'33	0°29'57
max. Earth dist.	-918 Oct 29 j 10:33	27°♎54'15	1.44993 AU
	-918 Oct 30 j 18:32	0°♏	
evening rise	-918 Nov 13 j 23:01	22°♏23'16	
	-918 Nov 18 j 17:57	0°♐	
evening max el	-918 Dec 06 j 02:38	25°♐03'11	19°03'32
asc. node	-918 Dec 10 j 19:05	28°♐32'15	
retrograde	-918 Dec 13 j 00:48	28°♐59'55	
evening set	-918 Dec 16 j 05:46	28°♐00'20	
inferior conj	-918 Dec 21 j 23:05	22°♐10'35	3°11'51
minimum elong	-918 Dec 21 j 20:17	22°♐19'24	3°11'11
min. Earth dist.	-918 Dec 23 j 11:04	20°♐17'41	0.65685 AU
morning rise	-918 Dec 27 j 09:52	15°♐59'33	
direct	-917 Jan 02 j 21:10	13°♐11'01	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning max el	-917 Jan 15 j 17:48	20°♐43'41	26°32'32
desc. node	-917 Jan 20 j 02:02	25°♐27'42	
	-917 Jan 23 j 18:52	0°♑	
	-917 Feb 12 j 17:18	0°♒	
morning set	-917 Feb 20 j 17:47	14°♒26'32	
max. Earth dist.	-917 Feb 24 j 23:30	22°♒38'35	1.34839 AU
	-917 Feb 28 j 15:07	0°♓	
superior conj	-917 Mar 01 j 11:28	1°♓44'31	-1°-10'-22
minimum elong	-917 Mar 01 j 14:39	2°♓00'52	1°09'52
asc. node	-917 Mar 08 j 18:25	16°♓55'27	
evening rise	-917 Mar 09 j 03:20	17°♓41'32	
	-917 Mar 15 j 08:50	0°♈	
evening max el	-917 Mar 28 j 05:48	18°♈30'30	20°54'12
retrograde	-917 Apr 08 j 16:25	24°♈01'29	
evening set	-917 Apr 10 j 22:56	23°♈49'17	
desc. node	-917 Apr 18 j 01:11	21°♈03'43	
inferior conj	-917 Apr 20 j 04:46	19°♈51'37	0°-36'-43
minimum elong	-917 Apr 20 j 03:02	19°♈54'06	0°36'06
min. Earth dist.	-917 Apr 21 j 01:48	19°♈21'43	0.55074 AU
morning rise	-917 Apr 29 j 06:12	15°♈44'24	
direct	-917 May 02 j 14:32	15°♈20'11	
morning max el	-917 May 15 j 15:33	21°♈37'01	22°45'26
	-917 May 22 j 20:19	0°♉	
asc. node	-917 Jun 04 j 17:44	22°♉19'10	
morning set	-917 Jun 06 j 23:12	26°♉54'32	
	-917 Jun 08 j 10:27	0°♊	
superior conj	-917 Jun 14 j 04:09	12°♊14'18	1°24'58
minimum elong	-917 Jun 14 j 01:38	12°♊00'57	1°24'40
max. Earth dist.	-917 Jun 16 j 23:37	18°♊09'28	1.34084 AU
evening rise	-917 Jun 21 j 23:45	28°♊18'24	
	-917 Jun 22 j 20:32	0°♋	
	-917 Jul 10 j 09:05	0°♌	
desc. node	-917 Jul 15 j 00:32	6°♌35'42	
evening max el	-917 Jul 26 j 10:18	19°♌58'39	27°14'20
retrograde	-917 Aug 08 j 19:47	27°♌18'11	
evening set	-917 Aug 15 j 20:05	24°♌33'06	
min. Earth dist.	-917 Aug 19 j 14:51	20°♌57'03	0.64764 AU
inferior conj	-917 Aug 21 j 19:29	18°♌31'55	-3°-4'-2
minimum elong	-917 Aug 21 j 23:44	18°♌20'09	3°02'43
morning rise	-917 Aug 28 j 05:00	12°♌59'42	
direct	-917 Aug 30 j 20:55	12°♌22'18	
asc. node	-917 Aug 31 j 16:55	12°♌25'59	
morning max el	-917 Sep 06 j 09:10	15°♌51'36	18°05'47
	-917 Sep 16 j 11:48	0°♍	
morning set	-917 Sep 24 j 06:28	12°♍57'19	
	-917 Oct 04 j 14:04	0°♎	
superior conj	-917 Oct 08 j 03:05	5°♎42'39	0°18'43
minimum elong	-917 Oct 08 j 05:19	5°♎51'37	0°18'23
desc. node	-917 Oct 10 j 23:54	10°♎17'05	
max. Earth dist.	-917 Oct 12 j 05:25	12°♎14'03	1.44665 AU
	-917 Oct 23 j 14:08	0°♏	
evening rise	-917 Oct 24 j 16:09	1°♏40'42	
greatest brilliancy	-917 Nov 12 j 00:52	29°♏20'55	-0.6m
	-917 Nov 12 j 12:04	0°♐	
evening max el	-917 Nov 19 j 08:38	8°♐31'07	19°55'13
retrograde	-917 Nov 26 j 22:07	12°♐56'26	
asc. node	-917 Nov 27 j 16:08	12°♐53'13	
evening set	-917 Nov 30 j 11:00	11°♐43'21	
inferior conj	-917 Dec 05 j 23:56	5°♐39'48	2°35'10
minimum elong	-917 Dec 05 j 21:08	5°♐49'06	2°34'16
min. Earth dist.	-917 Dec 06 j 22:21	4°♐25'22	0.66668 AU
	-917 Dec 10 j 15:51	30°℞♏	
morning rise	-917 Dec 11 j 06:40	29°♏25'13	
direct	-917 Dec 17 j 04:13	26°♏49'41	
	-917 Dec 24 j 17:06	0°♐	
morning max el	-917 Dec 29 j 02:47	3°♐55'13	25°19'05
desc. node	-916 Jan 06 j 23:06	14°♐15'11	
	-916 Jan 18 j 02:45	0°♑	
morning set	-916 Feb 03 j 07:56	26°♑50'17	
	-916 Feb 05 j 01:38	0°♒	
max. Earth dist.	-916 Feb 07 j 02:24	3°♒46'24	1.36518 AU
superior conj	-916 Feb 13 j 02:21	15°♒21'36	-1°-33'-8
minimum elong	-916 Feb 13 j 06:02	15°♒39'56	1°32'42
	-916 Feb 20 j 08:25	0°♓	
evening rise	-916 Feb 21 j 07:43	1°♓57'51	
asc. node	-916 Feb 23 j 15:29	6°♓36'28	
evening max el	-916 Mar 09 j 17:29	0°♈05'24	19°43'05
	-916 Mar 09 j 15:14	0°♈	
retrograde	-916 Mar 19 j 11:08	4°♈45'05	
evening set	-916 Mar 21 j 15:02	4°♈32'18	
inferior conj	-916 Mar 30 j 06:33	0°♈29'14	1°17'20
minimum elong	-916 Mar 30 j 09:42	0°♈24'18	1°16'18
	-916 Mar 31 j 01:08	30°℞♓	
min. Earth dist.	-916 Apr 01 j 16:04	28°♓59'24	0.55846 AU
desc. node	-916 Apr 03 j 22:14	27°♓40'49	
morning rise	-916 Apr 08 j 01:01	25°♓53'09	
direct	-916 Apr 12 j 08:05	25°♓12'04	
	-916 Apr 23 j 19:20	0°♈	
morning max el	-916 Apr 26 j 07:20	2°♈11'59	24°26'01
	-916 May 15 j 12:59	0°♉	
morning set	-916 May 21 j 11:12	11°♉54'07	
asc. node	-916 May 21 j 14:48	12°♉13'01	
superior conj	-916 May 28 j 12:44	27°♉06'50	1°07'07
minimum elong	-916 May 28 j 10:19	26°♉53'45	1°06'44
	-916 May 29 j 20:47	0°♊	
max. Earth dist.	-916 May 30 j 04:16	0°♊40'14	1.33148 AU
evening rise	-916 Jun 04 j 21:15	12°♊37'46	
	-916 Jun 14 j 01:03	0°♋	
desc. node	-916 Jun 30 j 21:33	25°♋20'55	
	-916 Jul 04 j 21:45	0°♌	
evening max el	-916 Jul 07 j 20:12	2°♌59'31	27°24'58
retrograde	-916 Jul 21 j 13:26	10°♌19'38	
evening set	-916 Jul 28 j 18:14	7°♌43'44	
min. Earth dist.	-916 Aug 01 j 08:26	4°♌40'09	0.63158 AU
inferior conj	-916 Aug 04 j 02:24	1°♌56'40	-3°-49'-53
minimum elong	-916 Aug 04 j 06:54	1°♌45'28	3°48'51
	-916 Aug 06 j 02:51	30°℞♋	
morning rise	-916 Aug 10 j 21:50	26°♋42'55	
direct	-916 Aug 13 j 09:58	26°♋13'12	
asc. node	-916 Aug 17 j 14:00	27°♋36'34	
morning max el	-916 Aug 20 j 00:45	29°♋38'08	17°54'01
	-916 Aug 20 j 09:24	0°♌	
morning set	-916 Sep 05 j 12:07	25°♌10'32	
	-916 Sep 08 j 06:05	0°♍	
superior conj	-916 Sep 17 j 09:13	15°♍37'44	0°59'52
minimum elong	-916 Sep 17 j 14:20	15°♍59'04	0°59'15
max. Earth dist.	-916 Sep 23 j 21:15	26°♍17'05	1.43647 AU
	-916 Sep 26 j 04:55	0°♎	
desc. node	-916 Sep 26 j 20:55	1°♎03'35	
evening rise	-916 Oct 02 j 22:27	10°♎33'41	
	-916 Oct 15 j 19:13	0°♏	
greatest brilliancy	-916 Oct 26 j 21:34	15°♏32'52	-0.5m
evening max el	-916 Nov 01 j 08:57	21°♏58'37	21°00'28
retrograde	-916 Nov 09 j 19:36	26°♏59'11	
evening set	-916 Nov 13 j 18:25	25°♏30'31	
asc. node	-916 Nov 13 j 13:11	25°♏40'05	
inferior conj	-916 Nov 19 j 04:43	19°♏16'38	1°51'19
minimum elong	-916 Nov 19 j 02:25	19°♏24'30	1°50'26

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

min. Earth dist.	-916 Nov 19 j 15:12	18°♏40'39	0.67292 AU
morning rise	-916 Nov 24 j 10:03	13°♏00'43	
direct	-916 Nov 29 j 16:20	10°♏44'38	
morning max el	-916 Dec 10 j 11:26	17°♏10'58	23°53'46
	-916 Dec 21 j 03:21	0°♐	
desc. node	-916 Dec 23 j 20:09	3°♐41'33	
	-915 Jan 10 j 04:04	0°♑	
morning set	-915 Jan 14 j 23:26	8°♑03'09	
max. Earth dist.	-915 Jan 18 j 22:03	14°♑55'32	1.38525 AU
superior conj	-915 Jan 26 j 04:36	28°♑16'36	-1°-50'-47
minimum elong	-915 Jan 26 j 07:45	28°♑31'32	1°50'35
	-915 Jan 27 j 02:21	0°♒	
evening rise	-915 Feb 04 j 05:01	15°♒46'50	
asc. node	-915 Feb 09 j 12:31	25°♒56'26	
	-915 Feb 11 j 18:59	0°♓	
evening max el	-915 Feb 20 j 15:30	12°♓16'44	18°51'23
retrograde	-915 Feb 28 j 21:32	16°♓16'00	
evening set	-915 Mar 03 j 04:59	15°♓58'30	
inferior conj	-915 Mar 11 j 02:18	11°♓39'23	2°43'16
minimum elong	-915 Mar 11 j 06:47	11°♓31'14	2°42'08
min. Earth dist.	-915 Mar 14 j 08:30	9°♓18'26	0.57382 AU
morning rise	-915 Mar 19 j 04:27	6°♓30'56	
desc. node	-915 Mar 21 j 19:16	5°♓38'42	
direct	-915 Mar 24 j 15:10	5°♓19'06	
morning max el	-915 Apr 07 j 22:46	12°♓46'57	25°58'12
	-915 Apr 21 j 09:47	0°♈	
morning set	-915 May 05 j 22:49	26°♈52'25	
	-915 May 07 j 10:13	0°♉	
asc. node	-915 May 08 j 11:51	2°♉17'31	
superior conj	-915 May 12 j 23:46	12°♉05'56	0°45'54
minimum elong	-915 May 12 j 21:54	11°♉55'42	0°45'33
max. Earth dist.	-915 May 13 j 14:45	13°♉27'51	1.32585 AU
evening rise	-915 May 20 j 01:41	27°♉17'34	
	-915 May 21 j 09:17	0°♊	
	-915 Jun 07 j 11:13	0°♋	
desc. node	-915 Jun 17 j 18:33	13°♋05'42	
evening max el	-915 Jun 20 j 01:54	15°♋25'04	27°03'25
retrograde	-915 Jul 04 j 00:23	22°♋43'22	
evening set	-915 Jul 11 j 00:12	20°♋30'57	
min. Earth dist.	-915 Jul 14 j 15:53	17°♋48'19	0.61246 AU
inferior conj	-915 Jul 17 j 20:38	15°♋00'30	-4°-24'-23
minimum elong	-915 Jul 18 j 00:01	14°♋53'04	4°23'58
morning rise	-915 Jul 25 j 02:47	10°♋07'55	
direct	-915 Jul 27 j 13:28	9°♋43'27	
morning max el	-915 Aug 03 j 14:29	13°♋13'06	18°00'53
asc. node	-915 Aug 04 j 11:04	14°♋05'40	
	-915 Aug 14 j 23:13	0°♌	
morning set	-915 Aug 19 j 12:07	8°♌16'45	
superior conj	-915 Aug 29 j 18:50	26°♌54'22	1°27'58
minimum elong	-915 Aug 29 j 23:13	27°♌13'35	1°27'35
	-915 Aug 31 j 13:22	0°♍	
max. Earth dist.	-915 Sep 06 j 07:44	9°♍47'01	1.42079 AU
evening rise	-915 Sep 12 j 12:20	19°♍50'33	
desc. node	-915 Sep 13 j 17:57	21°♍47'48	
	-915 Sep 19 j 00:47	0°♎	
	-915 Oct 10 j 07:34	0°♏	
greatest brilliancy	-915 Oct 10 j 09:56	0°♏07'14	-0.3m
evening max el	-915 Oct 15 j 03:31	5°♏27'10	22°15'41
retrograde	-915 Oct 24 j 15:24	11°♏05'59	
evening set	-915 Oct 29 j 02:14	9°♏19'57	
asc. node	-915 Oct 31 j 10:14	6°♏59'53	
inferior conj	-915 Nov 03 j 11:27	2°♏59'32	1°02'15
minimum elong	-915 Nov 03 j 10:03	3°♏04'22	1°01'39
min. Earth dist.	-915 Nov 03 j 11:10	3°♏00'28	0.67585 AU
	-915 Nov 05 j 16:47	30°℞♎	
morning rise	-915 Nov 08 j 17:41	26°♎44'44	
direct	-915 Nov 13 j 08:49	24°♎50'50	
	-915 Nov 22 j 09:53	0°♏	
morning max el	-915 Nov 22 j 22:25	0°♏31'12	22°26'26
greatest brilliancy	-915 Nov 27 j 13:57	5°♏44'18	-0.3m
desc. node	-915 Dec 10 j 17:12	23°♏36'08	
	-915 Dec 15 j 00:42	0°♐	
morning set	-915 Dec 26 j 10:42	17°♐52'21	
max. Earth dist.	-915 Dec 31 j 18:19	26°♐41'45	1.40638 AU
	-914 Jan 02 j 16:50	0°♑	
superior conj	-914 Jan 08 j 13:35	10°♑18'23	-1°-59'-57
minimum elong	-914 Jan 08 j 14:29	10°♑22'24	1°59'58
evening rise	-914 Jan 18 j 16:13	29°♑01'34	
	-914 Jan 19 j 04:38	0°♒	
asc. node	-914 Jan 27 j 09:32	14°♒48'37	
evening max el	-914 Feb 03 j 21:22	24°♒58'14	18°19'44
retrograde	-914 Feb 11 j 02:31	28°♒32'54	
evening set	-914 Feb 13 j 14:28	28°♒08'15	
inferior conj	-914 Feb 20 j 18:58	23°♒28'16	3°33'15
minimum elong	-914 Feb 20 j 21:52	23°♒22'08	3°32'50
min. Earth dist.	-914 Feb 24 j 04:56	20°♒36'10	0.59365 AU
morning rise	-914 Feb 28 j 01:44	17°♒54'58	
direct	-914 Mar 06 j 11:25	16°♒04'56	
desc. node	-914 Mar 08 j 16:19	16°♒17'36	
morning max el	-914 Mar 20 j 18:32	23°♒47'07	27°07'07
	-914 Mar 26 j 09:20	0°♓	
	-914 Apr 14 j 11:21	0°♈	
morning set	-914 Apr 20 j 08:19	11°♈43'12	
asc. node	-914 Apr 25 j 08:52	22°♈27'51	
superior conj	-914 Apr 27 j 11:31	27°♈05'10	0°22'10
minimum elong	-914 Apr 27 j 10:32	26°♈59'48	0°21'58
max. Earth dist.	-914 Apr 27 j 03:36	26°♈21'46	1.32386 AU
	-914 Apr 28 j 19:23	0°♉	
evening rise	-914 May 04 j 10:33	12°♉09'10	
	-914 May 13 j 13:48	0°♊	
evening max el	-914 Jun 02 j 01:26	27°♊07'07	26°09'28
desc. node	-914 Jun 04 j 15:34	29°♊24'29	
	-914 Jun 05 j 09:32	0°♋	
retrograde	-914 Jun 16 j 02:48	4°♋21'20	
evening set	-914 Jun 22 j 09:25	2°♋44'33	
min. Earth dist.	-914 Jun 26 j 14:20	0°♋06'00	0.59193 AU
	-914 Jun 26 j 17:37	30°℞♊	
inferior conj	-914 Jun 29 j 22:32	27°♊33'37	-4°-39'-22
minimum elong	-914 Jun 29 j 22:52	27°♊32'59	4°39'21
morning rise	-914 Jul 07 j 15:52	23°♊03'30	
direct	-914 Jul 10 j 03:12	22°♊42'29	
morning max el	-914 Jul 17 j 23:15	26°♊27'21	18°27'30
	-914 Jul 21 j 03:06	0°♋	
asc. node	-914 Jul 22 j 08:06	1°♋37'17	
morning set	-914 Aug 03 j 01:17	22°♋01'45	
	-914 Aug 07 j 04:54	0°♌	
superior conj	-914 Aug 12 j 03:50	9°♌20'21	1°43'13
minimum elong	-914 Aug 12 j 06:01	9°♌30'29	1°43'07
max. Earth dist.	-914 Aug 19 j 12:58	22°♌34'35	1.40172 AU
evening rise	-914 Aug 23 j 23:48	0°♍08'17	
	-914 Aug 23 j 21:49	0°♍	
desc. node	-914 Aug 31 j 14:57	12°♍25'28	
	-914 Sep 12 j 11:38	0°♎	
evening max el	-914 Sep 27 j 17:35	18°♎57'51	23°35'48
retrograde	-914 Oct 08 j 08:06	25°♎13'23	
evening set	-914 Oct 13 j 08:46	23°♎08'51	
asc. node	-914 Oct 18 j 07:16	17°♎23'30	
inferior conj	-914 Oct 18 j 18:19	16°♎45'47	0°09'32

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-914 Oct 18 j 18:05	16°♎46'34	0°09'26	
transit middle	-914 Oct 18 j 18:05	16°♎46'34	0°09'26	
transit begin	-914 Oct 18 j 15:52	16°♎54'08		
transit end	-914 Oct 18 j 20:18	16°♎39'00		
min. Earth dist.	-914 Oct 18 j 07:44	17°♎21'57	0.67561 AU	
morning rise	-914 Oct 24 j 03:30	10°♎34'57		
direct	-914 Oct 28 j 04:37	9°♎03'00		
morning max el	-914 Nov 05 j 15:08	13°♎59'09	21°05'11	
greatest brilliancy	-914 Nov 11 j 03:18	20°♎23'06	-0.5m	
	-914 Nov 18 j 04:37	0°♏		
desc. node	-914 Nov 27 j 14:15	13°♏50'38		
morning set	-914 Dec 05 j 18:43	26°♏26'01		
	-914 Dec 08 j 01:05	0°♐		
max. Earth dist.	-914 Dec 13 j 21:35	9°♐24'32	1.42559 AU	
superior conj	-914 Dec 20 j 23:50	21°♐13'57	-1°-56'-25	
minimum elong	-914 Dec 20 j 20:34	21°♐00'02	1°56'20	
	-914 Dec 26 j 01:33	0°♑		
evening rise	-913 Jan 01 j 13:37	11°♑34'20		
	-913 Jan 12 j 05:02	0°♒		
asc. node	-913 Jan 14 j 06:33	3°♒04'24		
evening max el	-913 Jan 18 j 08:03	8°♒01'10	18°07'52	
retrograde	-913 Jan 24 j 23:40	11°♒26'46		
evening set	-913 Jan 27 j 15:38	10°♒53'47		
inferior conj	-913 Feb 03 j 06:28	5°♒51'52	3°52'26	
minimum elong	-913 Feb 03 j 06:59	5°♒50'38	3°52'25	
min. Earth dist.	-913 Feb 06 j 08:08	2°♒53'34	0.61444 AU	
morning rise	-913 Feb 09 j 19:49	0°♒02'00		
	-913 Feb 09 j 21:00	30°℞♑		
direct	-913 Feb 16 j 17:54	27°♑38'19		
desc. node	-913 Feb 23 j 13:22	29°♑40'38		
	-913 Feb 24 j 02:35	0°♒		
morning max el	-913 Mar 02 j 20:33	5°♒26'55	27°42'34	
	-913 Mar 21 j 06:37	0°♓		
morning set	-913 Apr 04 j 13:50	26°♓19'57		
	-913 Apr 06 j 08:20	0°♈		
max. Earth dist.	-913 Apr 10 j 15:07	9°♈08'54	1.32549 AU	
superior conj	-913 Apr 11 j 22:19	11°♈58'38	0°-3'-20	
minimum elong	-913 Apr 11 j 22:29	11°♈59'30	0°03'19	
behind sun begin	-913 Apr 11 j 17:29	11°♈32'16		
behind sun end	-913 Apr 12 j 03:28	12°♈26'43		
asc. node	-913 Apr 12 j 05:54	12°♈39'56		
evening rise	-913 Apr 18 j 21:49	27°♈05'18		
	-913 Apr 20 j 07:11	0°♉		
	-913 May 07 j 16:48	0°♊		
evening max el	-913 May 14 j 18:43	8°♊07'59	24°49'16	
desc. node	-913 May 22 j 12:33	13°♊43'59		
retrograde	-913 May 28 j 18:14	15°♊13'06		
evening set	-913 Jun 02 j 19:48	14°♊14'48		
min. Earth dist.	-913 Jun 08 j 06:22	11°♊23'27	0.57260 AU	
inferior conj	-913 Jun 11 j 05:01	9°♊27'08	-4°-23'-17	
minimum elong	-913 Jun 11 j 00:56	9°♊33'55	4°22'47	
morning rise	-913 Jun 19 j 09:56	5°♊18'05		
direct	-913 Jun 21 j 23:18	4°♊59'24		
morning max el	-913 Jul 01 j 00:10	9°♊12'03	19°14'49	
asc. node	-913 Jul 09 j 05:09	19°♊57'48		
	-913 Jul 14 j 19:03	0°♋		
morning set	-913 Jul 17 j 23:51	6°♋15'46		
superior conj	-913 Jul 26 j 06:34	22°♋40'22	1°47'43	
minimum elong	-913 Jul 26 j 06:37	22°♋40'35	1°47'43	
	-913 Jul 30 j 02:37	0°♌		
max. Earth dist.	-913 Aug 01 j 15:54	4°♌43'43	1.38176 AU	
evening rise	-913 Aug 05 j 12:27	11°♌37'51		
	-913 Aug 16 j 15:16	0°♍		
desc. node	-913 Aug 18 j 11:57	2°♍52'10		
	-913 Sep 07 j 18:49	0°♎		
evening max el	-913 Sep 10 j 05:18	2°♎31'45	24°54'09	
retrograde	-913 Sep 21 j 20:46	9°♎17'48		
evening set	-913 Sep 27 j 12:19	6°♎55'22		
min. Earth dist.	-913 Oct 02 j 02:27	1°♎43'22	0.67219 AU	
inferior conj	-913 Oct 02 j 23:36	0°♎33'28	0°-45'-19	
minimum elong	-913 Oct 03 j 00:44	0°♎29'46	0°44'51	
	-913 Oct 03 j 09:46	30°℞♍		
asc. node	-913 Oct 05 j 04:20	27°♍45'14		
morning rise	-913 Oct 08 j 13:34	24°♍29'32		
direct	-913 Oct 12 j 02:26	23°♍17'23		
morning max el	-913 Oct 19 j 15:28	27°♍37'11	19°55'21	
	-913 Oct 21 j 19:38	0°♎		
greatest brilliancy	-913 Oct 27 j 03:50	6°♎54'25	-0.6m	
	-913 Nov 11 j 16:04	0°♏		
desc. node	-913 Nov 14 j 11:17	4°♏19'03		
morning set	-913 Nov 14 j 15:30	4°♏35'20		
max. Earth dist.	-913 Nov 26 j 08:49	22°♏58'06	1.44020 AU	
	-913 Nov 30 j 17:50	0°♐		
superior conj	-913 Dec 01 j 07:11	0°♐54'08	-1°-36'-2	
minimum elong	-913 Nov 30 j 23:46	0°♐24'02	1°35'25	
evening rise	-913 Dec 14 j 16:53	23°♐16'38		
	-913 Dec 18 j 15:15	0°♑		
asc. node	-912 Jan 01 j 03:35	20°♑32'27		
evening max el	-912 Jan 01 j 20:32	21°♑17'05	18°15'11	
retrograde	-912 Jan 08 j 08:30	24°♑46'45		
evening set	-912 Jan 11 j 04:34	24°♑04'32		
inferior conj	-912 Jan 17 j 08:58	18°♑42'02	3°48'46	
minimum elong	-912 Jan 17 j 07:33	18°♑45'55	3°48'38	
min. Earth dist.	-912 Jan 19 j 20:37	15°♑58'58	0.63352 AU	
morning rise	-912 Jan 23 j 08:50	12°♑41'06		
direct	-912 Jan 30 j 08:38	9°♑56'20		
desc. node	-912 Feb 10 j 10:26	15°♑14'36		
morning max el	-912 Feb 13 j 03:45	17°♑46'07	27°41'07	
	-912 Feb 23 j 10:20	0°♒		
	-912 Mar 13 j 01:28	0°♓		
morning set	-912 Mar 18 j 13:00	10°♓33'41		
max. Earth dist.	-912 Mar 23 j 21:16	21°♓34'29	1.33098 AU	
superior conj	-912 Mar 26 j 06:25	26°♓39'18	0°-29'-43	
minimum elong	-912 Mar 26 j 07:49	26°♓46'51	0°29'26	
	-912 Mar 27 j 19:41	0°♈		
asc. node	-912 Mar 29 j 02:55	2°♈48'38		
evening rise	-912 Apr 02 j 09:34	11°♈58'04		
	-912 Apr 11 j 15:57	0°♉		
evening max el	-912 Apr 25 j 09:31	18°♉44'51	23°15'24	
desc. node	-912 May 08 j 09:35	25°♉27'25		
retrograde	-912 May 08 j 21:22	25°♉27'58		
evening set	-912 May 12 j 12:47	24°♉58'52		
min. Earth dist.	-912 May 19 j 19:29	21°♉41'14	0.55773 AU	
inferior conj	-912 May 21 j 15:39	20°♉36'22	-3°-25'00	
minimum elong	-912 May 21 j 08:43	20°♉46'35	3°23'17	
morning rise	-912 May 30 j 07:57	16°♉41'05		
direct	-912 Jun 02 j 00:17	16°♉23'40		
morning max el	-912 Jun 12 j 14:55	21°♉18'23	20°22'59	
	-912 Jun 19 j 18:11	0°♊		
asc. node	-912 Jun 25 j 02:13	8°♊55'09		
morning set	-912 Jul 01 j 04:52	20°♊50'38		
	-912 Jul 05 j 15:47	0°♋		
superior conj	-912 Jul 08 j 22:04	6°♋40'01	1°43'47	
minimum elong	-912 Jul 08 j 20:34	6°♋32'29	1°43'43	
max. Earth dist.	-912 Jul 13 j 21:50	16°♋33'02	1.36325 AU	
evening rise	-912 Jul 17 j 23:06	24°♋11'58		
	-912 Jul 21 j 04:08	0°♌		
desc. node	-912 Aug 04 j 08:57	23°♌02'26		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

	-912 Aug 09 j 05:56	0°♍		
evening max el	-912 Aug 22 j 16:36	16°♍07'11	26°03'14	
retrograde	-912 Sep 04 j 04:52	23°♍14'34		
evening set	-912 Sep 10 j 11:02	20°♍37'26		
min. Earth dist.	-912 Sep 14 j 16:59	16°♍02'29	0.66541 AU	
inferior conj	-912 Sep 16 j 01:34	14°♍20'30	-1°-40'-42	
minimum elong	-912 Sep 16 j 04:04	14°♍12'39	1°39'42	
asc. node	-912 Sep 21 j 01:25	9°♍00'56		
morning rise	-912 Sep 21 j 21:59	8°♍26'27		
direct	-912 Sep 25 j 00:44	7°♍30'45		
morning max el	-912 Oct 01 j 23:00	11°♍24'07	18°59'59	
	-912 Oct 15 j 10:38	0°♎		
morning set	-912 Oct 24 j 01:31	13°♎30'25		
desc. node	-912 Oct 31 j 08:19	24°♎57'08		
	-912 Nov 03 j 13:29	0°♏		
max. Earth dist.	-912 Nov 08 j 01:18	7°♏03'49	1.44839 AU	
superior conj	-912 Nov 09 j 14:55	9°♏32'09	0°-58'00	
minimum elong	-912 Nov 09 j 07:55	9°♏04'31	0°57'10	
	-912 Nov 22 j 10:23	0°♐		
evening rise	-912 Nov 24 j 21:54	4°♐01'31		
	-912 Dec 11 j 11:03	0°♑		
evening max el	-912 Dec 15 j 08:15	4°♑40'37	18°40'53	
asc. node	-912 Dec 18 j 00:39	6°♑59'37		
retrograde	-912 Dec 22 j 00:46	8°♑25'07		
evening set	-912 Dec 25 j 01:57	7°♑32'29		
inferior conj	-912 Dec 30 j 22:39	1°♑51'50	3°28'52	
minimum elong	-912 Dec 30 j 20:07	1°♑59'26	3°28'23	
	-911 Jan 01 j 11:44	30°℞♐		
min. Earth dist.	-911 Jan 01 j 19:04	29°♐38'13	0.64937 AU	
morning rise	-911 Jan 05 j 13:08	25°♐43'29		
direct	-911 Jan 12 j 06:32	22°♐52'22		
	-911 Jan 24 j 23:03	0°♑		
morning max el	-911 Jan 25 j 13:25	0°♑35'26	27°05'38	
desc. node	-911 Jan 27 j 07:31	2°♑24'32		
	-911 Feb 16 j 10:25	0°♒		
morning set	-911 Mar 02 j 02:48	24°♒15'05		
	-911 Mar 05 j 00:58	0°♓		
max. Earth dist.	-911 Mar 06 j 18:03	3°♓27'10	1.34074 AU	
superior conj	-911 Mar 10 j 09:51	11°♓01'11	0°-55'-55	
minimum elong	-911 Mar 10 j 12:27	11°♓14'51	0°55'27	
asc. node	-911 Mar 15 j 23:58	22°♓50'11		
evening rise	-911 Mar 17 j 20:01	26°♓41'28		
	-911 Mar 19 j 10:26	0°♈		
evening max el	-911 Apr 07 j 04:53	29°♈28'07	21°42'32	
	-911 Apr 07 j 18:26	0°♉		
retrograde	-911 Apr 19 j 13:51	5°♉29'38		
evening set	-911 Apr 22 j 03:22	5°♉14'50		
desc. node	-911 Apr 25 j 06:39	4°♉20'00		
inferior conj	-911 May 01 j 12:27	1°♉12'08	-1°-45'-3	
minimum elong	-911 May 01 j 07:39	1°♉18'53	1°43'25	
min. Earth dist.	-911 May 01 j 08:38	1°♉17'30	0.55056 AU	
	-911 May 03 j 16:34	30°℞♈		
morning rise	-911 May 10 j 12:48	27°♈14'30		
direct	-911 May 13 j 12:16	26°♈54'57		
	-911 May 22 j 10:39	0°♉		
morning max el	-911 May 25 j 18:44	2°♉42'18	21°49'36	
asc. node	-911 Jun 11 j 23:16	28°♉20'02		
	-911 Jun 12 j 19:26	0°♊		
morning set	-911 Jun 15 j 14:03	5°♊39'43		
superior conj	-911 Jun 22 j 22:25	21°♊07'25	1°33'20	
minimum elong	-911 Jun 22 j 20:05	20°♊55'16	1°33'07	
max. Earth dist.	-911 Jun 26 j 11:47	28°♊28'05	1.34789 AU	
	-911 Jun 27 j 05:57	0°♋		
evening rise	-911 Jul 01 j 02:48	7°♋37'32		
	-911 Jul 13 j 18:36	0°♌		
desc. node	-911 Jul 22 j 05:58	12°♌48'36		
evening max el	-911 Aug 05 j 04:17	29°♌37'58	26°55'12	
	-911 Aug 05 j 13:31	0°♍		
retrograde	-911 Aug 18 j 07:53	6°♍56'16		
evening set	-911 Aug 25 j 02:36	4°♍11'16		
min. Earth dist.	-911 Aug 29 j 01:03	0°♍14'05	0.65512 AU	
	-911 Aug 29 j 05:58	30°℞♌		
inferior conj	-911 Aug 30 j 22:07	28°♌03'03	-2°-34'-40	
minimum elong	-911 Aug 31 j 01:52	27°♌52'09	2°33'22	
morning rise	-911 Sep 06 j 02:29	22°♌21'56		
asc. node	-911 Sep 07 j 22:30	21°♌44'04		
direct	-911 Sep 08 j 21:32	21°♌38'59		
morning max el	-911 Sep 15 j 11:41	25°♌14'57	18°20'38	
	-911 Sep 19 j 10:58	0°♍		
morning set	-911 Oct 04 j 14:39	23°♍46'25		
	-911 Oct 08 j 10:27	0°♎		
desc. node	-911 Oct 18 j 05:20	15°♎40'44		
superior conj	-911 Oct 19 j 15:27	17°♎55'41	0°-9'-16	
minimum elong	-911 Oct 19 j 14:14	17°♎50'52	0°09'07	
behind sun begin	-911 Oct 19 j 04:53	17°♎13'56		
behind sun end	-911 Oct 19 j 23:35	18°♎27'48		
max. Earth dist.	-911 Oct 21 j 19:33	21°♎21'05	1.44935 AU	
	-911 Oct 27 j 07:46	0°♏		
evening rise	-911 Nov 05 j 02:51	13°♏46'19		
	-911 Nov 15 j 12:35	0°♐		
greatest brilliancy	-911 Nov 19 j 13:40	6°♐07'42	-0.7m	
evening max el	-911 Nov 28 j 16:51	18°♐07'08	19°23'42	
asc. node	-911 Dec 04 j 21:44	22°♐10'10		
retrograde	-911 Dec 05 j 20:58	22°♐15'26		
evening set	-911 Dec 09 j 04:57	21°♐10'33		
inferior conj	-911 Dec 14 j 20:11	15°♐14'38	2°57'19	
minimum elong	-911 Dec 14 j 17:18	15°♐23'56	2°56'31	
min. Earth dist.	-911 Dec 16 j 02:16	13°♐37'36	0.66147 AU	
morning rise	-911 Dec 20 j 04:51	9°♐01'37		
direct	-911 Dec 26 j 10:37	6°♐17'15		
morning max el	-910 Jan 07 j 22:49	13°♐40'52	26°03'18	
desc. node	-910 Jan 14 j 04:34	20°♐41'56		
	-910 Jan 21 j 05:53	0°♑		
	-910 Feb 09 j 03:52	0°♒		
morning set	-910 Feb 13 j 03:05	7°♒11'20		
max. Earth dist.	-910 Feb 17 j 02:51	14°♒45'03	1.35499 AU	
superior conj	-910 Feb 22 j 06:10	24°♒56'56	-1°-20'-30	
minimum elong	-910 Feb 22 j 09:39	25°♒14'37	1°19'59	
	-910 Feb 24 j 17:28	0°♓		
evening rise	-910 Mar 02 j 03:13	11°♓09'09		
asc. node	-910 Mar 02 j 21:02	12°♓40'03		
	-910 Mar 12 j 04:26	0°♈		
evening max el	-910 Mar 20 j 10:15	10°♈41'54	20°21'45	
retrograde	-910 Mar 31 j 03:36	15°♈50'10		
evening set	-910 Apr 02 j 07:33	15°♈38'30		
inferior conj	-910 Apr 11 j 08:20	11°♈40'45	0°13'44	
minimum elong	-910 Apr 11 j 08:58	11°♈39'50	0°13'31	
transit middle	-910 Apr 11 j 08:58	11°♈39'50	0°13'31	
transit begin	-910 Apr 11 j 06:50	11°♈42'57		
transit end	-910 Apr 11 j 11:05	11°♈36'42		
desc. node	-910 Apr 12 j 03:41	11°♈12'17		
min. Earth dist.	-910 Apr 12 j 22:37	10°♈44'34	0.55291 AU	
morning rise	-910 Apr 20 j 08:08	7°♈22'08		
direct	-910 Apr 24 j 00:59	6°♈52'17		
morning max el	-910 May 07 j 13:30	13°♈29'58	23°28'12	
	-910 May 20 j 04:43	0°♉		
asc. node	-910 May 29 j 20:19	18°♉05'18		
morning set	-910 May 31 j 01:33	20°♉37'26		
	-910 Jun 04 j 11:00	0°♊		

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

superior conj	-910 Jun 07 j 04:42	5°♊53'31	1°17'52
minimum elong	-910 Jun 07 j 02:10	5°♊39'56	1°17'31
max. Earth dist.	-910 Jun 09 j 11:33	10°♊45'42	1.33637 AU
evening rise	-910 Jun 14 j 18:57	21°♊41'25	
	-910 Jun 19 j 01:56	0°♋	
	-910 Jul 07 j 14:51	0°♌	
desc. node	-910 Jul 09 j 02:59	2°♌00'30	
evening max el	-910 Jul 18 j 15:38	12°♌54'38	27°22'41
retrograde	-910 Aug 01 j 05:13	20°♌15'13	
evening set	-910 Aug 08 j 08:08	17°♌32'36	
min. Earth dist.	-910 Aug 12 j 00:33	14°♌11'01	0.64119 AU
inferior conj	-910 Aug 14 j 10:52	11°♌36'48	-3°-24'-31
minimum elong	-910 Aug 14 j 15:21	11°♌24'54	3°23'16
morning rise	-910 Aug 21 j 00:28	6°♌11'50	
direct	-910 Aug 23 j 14:24	5°♌38'05	
asc. node	-910 Aug 25 j 19:33	6°♌03'10	
morning max el	-910 Aug 30 j 02:59	9°♌04'53	17°58'30
	-910 Sep 13 j 03:51	0°♍	
morning set	-910 Sep 16 j 07:09	5°♍22'00	
superior conj	-910 Sep 29 j 06:48	27°♍06'14	0°37'36
minimum elong	-910 Sep 29 j 10:48	27°♍22'31	0°37'04
	-910 Oct 01 j 01:40	0°♎	
max. Earth dist.	-910 Oct 04 j 13:06	5°♎34'21	1.44312 AU
desc. node	-910 Oct 05 j 02:22	6°♎27'07	
evening rise	-910 Oct 15 j 13:21	22°♎47'48	
	-910 Oct 20 j 06:05	0°♏	
greatest brilliancy	-910 Nov 05 j 11:21	23°♏49'29	-0.6m
	-910 Nov 10 j 09:33	0°♐	
evening max el	-910 Nov 11 j 20:36	1°♐34'51	20°21'34
retrograde	-910 Nov 19 j 18:27	6°♐14'16	
asc. node	-910 Nov 21 j 18:48	5°♐51'03	
evening set	-910 Nov 23 j 11:17	4°♐54'55	
	-910 Nov 28 j 01:05	30°℞♏	
inferior conj	-910 Nov 28 j 22:56	28°♏46'49	2°17'17
minimum elong	-910 Nov 28 j 20:18	28°♏55'43	2°16'22
min. Earth dist.	-910 Nov 29 j 16:11	27°♏48'37	0.66981 AU
morning rise	-910 Dec 04 j 04:46	22°♏31'26	
direct	-910 Dec 09 j 20:02	20°♏03'18	
morning max el	-910 Dec 21 j 07:11	26°♏53'12	24°43'31
	-910 Dec 24 j 04:56	0°♐	
desc. node	-909 Jan 01 j 01:37	9°♐47'07	
	-909 Jan 14 j 21:18	0°♑	
morning set	-909 Jan 26 j 08:20	19°♑06'25	
max. Earth dist.	-909 Jan 30 j 01:27	25°♑47'04	1.37340 AU
	-909 Feb 01 j 08:04	0°♒	
superior conj	-909 Feb 05 j 16:11	8°♒17'21	-1°-41'-26
minimum elong	-909 Feb 05 j 19:49	8°♒35'02	1°41'05
evening rise	-909 Feb 14 j 04:52	25°♒14'13	
	-909 Feb 16 j 14:43	0°♓	
asc. node	-909 Feb 17 j 18:05	2°♓12'39	
evening max el	-909 Mar 03 j 02:40	22°♓33'06	19°18'42
retrograde	-909 Mar 12 j 03:43	26°♓53'16	
evening set	-909 Mar 14 j 09:01	26°♓38'45	
inferior conj	-909 Mar 22 j 16:53	22°♓30'00	1°58'08
minimum elong	-909 Mar 22 j 21:04	22°♓23'02	1°56'51
min. Earth dist.	-909 Mar 25 j 13:30	20°♓36'41	0.56424 AU
desc. node	-909 Mar 30 j 00:45	18°♓08'29	
morning rise	-909 Mar 31 j 05:15	17°♓40'03	
direct	-909 Apr 05 j 00:24	16°♓47'14	
morning max el	-909 Apr 19 j 04:10	24°♓00'37	25°07'07
	-909 Apr 24 j 14:40	0°♈	
	-909 May 12 j 20:17	0°♉	
morning set	-909 May 15 j 13:35	5°♉37'04	
asc. node	-909 May 16 j 17:21	8°♉04'07	
superior conj	-909 May 22 j 14:33	20°♉49'29	0°58'30
minimum elong	-909 May 22 j 12:19	20°♉37'20	0°58'06
max. Earth dist.	-909 May 23 j 19:14	23°♉25'27	1.32869 AU
	-909 May 26 j 20:42	0°♊	
evening rise	-909 May 29 j 19:46	6°♊10'51	
	-909 Jun 11 j 15:46	0°♋	
desc. node	-909 Jun 26 j 00:01	20°♋22'34	
evening max el	-909 Jul 01 j 00:18	25°♋42'35	27°19'54
	-909 Jul 06 j 06:51	0°♌	
retrograde	-909 Jul 14 j 19:54	3°♌01'13	
evening set	-909 Jul 21 j 23:53	0°♌33'57	
	-909 Jul 22 j 19:02	30°℞♋	
min. Earth dist.	-909 Jul 25 j 13:53	27°♋40'46	0.62380 AU
inferior conj	-909 Jul 28 j 12:48	24°♋53'46	-4°-6'-20
minimum elong	-909 Jul 28 j 17:03	24°♋43'45	4°05'32
morning rise	-909 Aug 04 j 12:41	19°♋48'22	
direct	-909 Aug 07 j 00:00	19°♋21'01	
asc. node	-909 Aug 12 j 16:35	21°♋48'34	
morning max el	-909 Aug 13 j 18:02	22°♋46'46	17°54'32
	-909 Aug 19 j 09:32	0°♌	
morning set	-909 Aug 29 j 21:18	17°♌59'46	
	-909 Sep 05 j 15:15	0°♍	
superior conj	-909 Sep 10 j 00:43	7°♍35'53	1°13'28
minimum elong	-909 Sep 10 j 05:51	7°♍57'42	1°12'54
max. Earth dist.	-909 Sep 17 j 03:14	19°♍26'20	1.43044 AU
desc. node	-909 Sep 21 j 23:23	27°♍12'53	
	-909 Sep 23 j 17:46	0°♎	
evening rise	-909 Sep 24 j 20:39	1°♎45'13	
	-909 Oct 13 j 19:49	0°♏	
greatest brilliancy	-909 Oct 20 j 18:43	9°♏18'37	-0.4m
evening max el	-909 Oct 25 j 18:29	15°♏02'55	21°31'34
retrograde	-909 Nov 03 j 15:17	20°♏19'01	
evening set	-909 Nov 07 j 19:04	18°♏43'01	
asc. node	-909 Nov 08 j 15:49	17°♏58'36	
inferior conj	-909 Nov 13 j 04:44	12°♏26'03	1°31'00
minimum elong	-909 Nov 13 j 02:47	12°♏32'48	1°30'14
min. Earth dist.	-909 Nov 13 j 10:31	12°♏06'06	0.67461 AU
morning rise	-909 Nov 18 j 10:13	6°♏10'35	
direct	-909 Nov 23 j 10:03	4°♏03'48	
morning max el	-909 Dec 03 j 16:20	10°♏10'09	23°16'22
greatest brilliancy	-909 Dec 08 j 20:31	15°♏59'01	-0.3m
desc. node	-909 Dec 18 j 22:39	29°♏26'31	
	-909 Dec 19 j 08:03	0°♐	
morning set	-908 Jan 07 j 12:19	29°♐44'19	
	-908 Jan 07 j 16:04	0°♑	
max. Earth dist.	-908 Jan 11 j 20:49	7°♑10'01	1.39429 AU
superior conj	-908 Jan 19 j 11:46	20°♑51'30	-1°-55'-57
minimum elong	-908 Jan 19 j 14:12	21°♑02'48	1°55'51
	-908 Jan 24 j 08:10	0°♒	
evening rise	-908 Jan 28 j 22:18	8°♒49'47	
asc. node	-908 Feb 04 j 15:07	21°♒21'50	
	-908 Feb 10 j 00:20	0°♓	
evening max el	-908 Feb 14 j 04:22	4°♓58'11	18°35'27
retrograde	-908 Feb 21 j 22:19	8°♓45'06	
evening set	-908 Feb 24 j 07:47	8°♓24'40	
inferior conj	-908 Mar 02 j 21:33	3°♓56'35	3°08'42
minimum elong	-908 Mar 03 j 01:35	3°♓48'45	3°07'52
min. Earth dist.	-908 Mar 06 j 07:01	1°♓19'52	0.58191 AU
	-908 Mar 08 j 05:03	30°℞♒	
morning rise	-908 Mar 10 j 15:31	28°♒36'43	
desc. node	-908 Mar 15 j 21:46	27°♒10'12	
direct	-908 Mar 16 j 12:59	27°♒09'11	
	-908 Mar 25 j 01:17	0°♓	
morning max el	-908 Mar 30 j 20:59	4°♓43'31	26°31'10
	-908 Apr 18 j 07:43	0°♈	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

morning set	-908 Apr 29 j 00:31	20°♈33'00	
asc. node	-908 May 02 j 14:24	28°♈11'38	
	-908 May 03 j 10:19	0°♉	
superior conj	-908 May 06 j 02:05	5°♉49'08	0°36'07
minimum elong	-908 May 06 j 00:33	5°♉40'45	0°35'48
max. Earth dist.	-908 May 06 j 07:23	6°♉18'14	1.32463 AU
evening rise	-908 May 13 j 02:22	20°♉56'30	
	-908 May 17 j 13:54	0°♊	
	-908 Jun 05 j 03:15	0°♋	
desc. node	-908 Jun 11 j 21:01	7°♋34'05	
evening max el	-908 Jun 12 j 03:32	7°♋49'44	26°44'04
retrograde	-908 Jun 26 j 03:05	15°♋05'57	
evening set	-908 Jul 02 j 21:28	13°♋07'25	
min. Earth dist.	-908 Jul 06 j 16:59	10°♋28'59	0.60388 AU
inferior conj	-908 Jul 10 j 00:30	7°♋45'14	-4°-33'-44
minimum elong	-908 Jul 10 j 02:50	7°♋40'24	4°33'32
morning rise	-908 Jul 17 j 11:22	3°♋02'13	
direct	-908 Jul 19 j 22:17	2°♋39'15	
morning max el	-908 Jul 27 j 05:59	6°♋13'30	18°09'44
asc. node	-908 Jul 29 j 13:36	8°♋45'35	
	-908 Aug 11 j 09:35	0°♌	
morning set	-908 Aug 12 j 03:24	1°♌23'30	
superior conj	-908 Aug 21 j 20:57	19°♌23'40	1°35'56
minimum elong	-908 Aug 22 j 00:27	19°♌39'26	1°35'39
	-908 Aug 27 j 22:04	0°♍	
max. Earth dist.	-908 Aug 29 j 11:44	2°♍40'00	1.41297 AU
evening rise	-908 Sep 03 j 18:32	11°♍24'11	
desc. node	-908 Sep 07 j 20:23	17°♍54'24	
	-908 Sep 15 j 18:21	0°♎	
greatest brilliancy	-908 Oct 02 j 10:18	22°♎53'50	-0.3m
evening max el	-908 Oct 07 j 10:49	28°♎31'27	22°49'31
	-908 Oct 08 j 23:33	0°♏	
retrograde	-908 Oct 17 j 09:54	4°♏26'23	
evening set	-908 Oct 22 j 02:32	2°♏32'14	
	-908 Oct 24 j 14:03	30°℞♎	
asc. node	-908 Oct 25 j 12:50	28°♎48'42	
inferior conj	-908 Oct 27 j 11:42	26°♎10'06	0°40'12
minimum elong	-908 Oct 27 j 10:47	26°♎13'18	0°39'48
min. Earth dist.	-908 Oct 27 j 06:56	26°♎26'33	0.67612 AU
morning rise	-908 Nov 01 j 18:59	19°♎56'51	
direct	-908 Nov 06 j 03:54	18°♎12'42	
morning max el	-908 Nov 15 j 05:32	23°♎33'28	21°50'49
greatest brilliancy	-908 Nov 20 j 01:43	29°♎02'57	-0.4m
	-908 Nov 20 j 20:02	0°♏	
desc. node	-908 Dec 04 j 19:41	19°♏29'58	
	-908 Dec 11 j 18:05	0°♐	
morning set	-908 Dec 17 j 11:07	8°♐57'55	
max. Earth dist.	-908 Dec 23 j 20:01	19°♐20'51	1.41494 AU
	-908 Dec 30 j 02:18	0°♑	
superior conj	-908 Dec 31 j 11:40	2°♑25'48	-2°00'-17
minimum elong	-908 Dec 31 j 10:59	2°♑22'48	2°00'18
evening rise	-907 Jan 11 j 04:07	21°♑47'25	
	-907 Jan 15 j 15:37	0°♒	
asc. node	-907 Jan 21 j 12:09	9°♒59'25	
evening max el	-907 Jan 27 j 12:33	17°♒48'47	18°12'15
retrograde	-907 Feb 03 j 10:50	21°♒18'17	
evening set	-907 Feb 06 j 00:23	20°♒50'18	
inferior conj	-907 Feb 12 j 22:39	16°♒00'47	3°44'39
minimum elong	-907 Feb 13 j 00:32	15°♒56'32	3°44'30
min. Earth dist.	-907 Feb 16 j 06:04	13°♒03'00	0.60250 AU
morning rise	-907 Feb 19 j 21:33	10°♒19'12	
direct	-907 Feb 26 j 13:37	8°♒13'54	
desc. node	-907 Mar 02 j 18:49	9°♒00'43	
morning max el	-907 Mar 12 j 19:39	15°♒59'58	27°26'44
	-907 Mar 24 j 06:50	0°♓	
	-907 Apr 10 j 17:58	0°♈	
morning set	-907 Apr 13 j 08:35	5°♈18'26	
asc. node	-907 Apr 19 j 11:27	18°♈22'55	
max. Earth dist.	-907 Apr 19 j 20:10	19°♈10'35	1.32407 AU
superior conj	-907 Apr 20 j 13:37	20°♈46'05	0°11'31
minimum elong	-907 Apr 20 j 13:06	20°♈43'14	0°11'25
behind sun begin	-907 Apr 20 j 09:36	20°♈24'03	
behind sun end	-907 Apr 20 j 16:36	21°♈02'26	
	-907 Apr 24 j 19:01	0°♉	
evening rise	-907 Apr 27 j 12:28	5°♉50'12	
	-907 May 10 j 07:51	0°♊	
evening max el	-907 May 24 j 23:59	19°♊12'07	25°37'51
desc. node	-907 May 29 j 18:01	23°♊06'29	
retrograde	-907 Jun 08 j 01:24	26°♊24'15	
evening set	-907 Jun 13 j 21:01	25°♊03'52	
min. Earth dist.	-907 Jun 18 j 12:08	22°♊21'56	0.58336 AU
inferior conj	-907 Jun 21 j 18:25	20°♊02'10	-4°-37'-5
minimum elong	-907 Jun 21 j 16:56	20°♊04'50	4°37'01
morning rise	-907 Jun 29 j 16:43	15°♊41'52	
direct	-907 Jul 02 j 04:43	15°♊22'03	
morning max el	-907 Jul 10 j 11:52	19°♊16'50	18°45'07
asc. node	-907 Jul 16 j 10:40	26°♊39'36	
	-907 Jul 18 j 13:08	0°♋	
morning set	-907 Jul 26 j 21:00	15°♋21'54	
	-907 Aug 03 j 09:48	0°♌	
superior conj	-907 Aug 04 j 14:15	2°♌15'06	1°46'18
minimum elong	-907 Aug 04 j 15:28	2°♌20'54	1°46'16
max. Earth dist.	-907 Aug 11 j 15:10	15°♌08'53	1.39314 AU
evening rise	-907 Aug 15 j 16:49	22°♌12'37	
	-907 Aug 20 j 09:15	0°♍	
desc. node	-907 Aug 25 j 17:24	8°♍28'02	
	-907 Sep 09 j 17:25	0°♎	
evening max el	-907 Sep 19 j 23:27	12°♎03'02	24°09'45
retrograde	-907 Oct 01 j 01:11	18°♎33'21	
evening set	-907 Oct 06 j 08:03	16°♎20'54	
min. Earth dist.	-907 Oct 11 j 03:04	10°♎48'28	0.67450 AU
inferior conj	-907 Oct 11 j 18:09	9°♎57'32	0°-13'-33
minimum elong	-907 Oct 11 j 18:28	9°♎56'26	0°13'26
transit middle	-907 Oct 11 j 18:28	9°♎56'26	0°13'26
transit begin	-907 Oct 11 j 16:56	10°♎01'39	
transit end	-907 Oct 11 j 20:01	9°♎51'13	
asc. node	-907 Oct 12 j 09:52	9°♎04'38	
morning rise	-907 Oct 17 j 05:09	3°♎49'13	
direct	-907 Oct 21 j 00:42	2°♎26'14	
morning max el	-907 Oct 29 j 01:31	7°♎06'15	20°33'50
greatest brilliancy	-907 Nov 04 j 06:55	14°♎30'23	-0.5m
	-907 Nov 15 j 04:06	0°♏	
desc. node	-907 Nov 21 j 16:44	9°♏50'56	
morning set	-907 Nov 26 j 11:30	17°♏12'43	
	-907 Dec 04 j 14:16	0°♐	
max. Earth dist.	-907 Dec 06 j 02:24	2°♐25'13	1.43248 AU
superior conj	-907 Dec 12 j 10:42	12°♐49'16	-1°-50'-1
minimum elong	-907 Dec 12 j 05:26	12°♐27'20	1°49'43
	-907 Dec 22 j 11:46	0°♑	
evening rise	-907 Dec 24 j 18:22	3°♑59'33	
asc. node	-906 Jan 08 j 09:11	27°♑56'10	
	-906 Jan 10 j 02:27	0°♒	
evening max el	-906 Jan 11 j 00:19	0°♒57'42	18°08'40
retrograde	-906 Jan 17 j 13:25	4°♒23'39	
evening set	-906 Jan 20 j 06:58	3°♒47'01	
	-906 Jan 25 j 07:52	30°℞♑	
inferior conj	-906 Jan 26 j 17:02	28°♑36'23	3°53'12
minimum elong	-906 Jan 26 j 16:38	28°♑37'24	3°53'11

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

min. Earth dist.	-906 Jan 29 j 13:15	25°♉41'55	0.62289 AU
morning rise	-906 Feb 02 j 00:06	22°♉41'01	
direct	-906 Feb 09 j 00:07	20°♉06'13	
desc. node	-906 Feb 17 j 15:54	23°♉23'17	
morning max el	-906 Feb 23 j 00:10	27°♉57'00	27°46'20
	-906 Feb 24 j 23:46	0°♒	
	-906 Mar 17 j 23:57	0°♓	
morning set	-906 Mar 28 j 11:44	19°♓46'02	
	-906 Apr 02 j 09:24	0°♈	
max. Earth dist.	-906 Apr 03 j 05:39	1°♈48'31	1.32726 AU
superior conj	-906 Apr 04 j 23:30	5°♈34'31	0°-14'-29
minimum elong	-906 Apr 05 j 00:11	5°♈38'12	0°14'21
behind sun begin	-906 Apr 04 j 21:58	5°♈26'13	
behind sun end	-906 Apr 05 j 02:24	5°♈50'12	
asc. node	-906 Apr 06 j 08:30	8°♈33'48	
evening rise	-906 Apr 12 j 00:09	20°♈45'01	
	-906 Apr 16 j 12:41	0°♉	
evening max el	-906 May 06 j 15:28	29°♉59'19	24°10'13
	-906 May 06 j 15:45	0°♊	
desc. node	-906 May 16 j 15:03	6°♊23'22	
retrograde	-906 May 20 j 12:10	6°♊57'46	
evening set	-906 May 24 j 22:44	6°♊13'51	
min. Earth dist.	-906 May 31 j 02:53	3°♊12'29	0.56542 AU
inferior conj	-906 Jun 02 j 16:14	1°♊36'38	-4°-4'-10
minimum elong	-906 Jun 02 j 10:30	1°♊45'39	4°03'09
	-906 Jun 05 j 07:56	30°℞♉	
morning rise	-906 Jun 11 j 02:05	27°♉34'41	
direct	-906 Jun 13 j 16:16	27°♉16'53	
	-906 Jun 21 j 05:24	0°♊	
morning max el	-906 Jun 23 j 08:46	1°♊46'20	19°41'22
asc. node	-906 Jul 03 j 07:45	15°♊16'59	
morning set	-906 Jul 10 j 22:39	29°♊45'31	
	-906 Jul 11 j 01:31	0°♋	
superior conj	-906 Jul 18 j 22:59	15°♋53'34	1°46'57
minimum elong	-906 Jul 18 j 22:17	15°♋50'09	1°46'57
max. Earth dist.	-906 Jul 24 j 18:19	27°♋05'03	1.37356 AU
	-906 Jul 26 j 08:02	0°♌	
evening rise	-906 Jul 28 j 15:28	4°♌11'32	
desc. node	-906 Aug 12 j 14:24	28°♌48'28	
	-906 Aug 13 j 09:28	0°♍	
evening max el	-906 Sep 02 j 10:51	25°♍38'11	25°25'11
	-906 Sep 07 j 15:02	0°♎	
retrograde	-906 Sep 14 j 12:04	2°♎34'55	
evening set	-906 Sep 20 j 09:49	0°♎05'55	
	-906 Sep 20 j 12:33	30°℞♍	
min. Earth dist.	-906 Sep 24 j 20:27	25°♍09'09	0.66971 AU
inferior conj	-906 Sep 25 j 22:17	23°♍45'29	-1°-8'-50
minimum elong	-906 Sep 26 j 00:00	23°♍39'57	1°08'08
asc. node	-906 Sep 29 j 06:56	19°♍43'27	
morning rise	-906 Oct 01 j 14:46	17°♍45'04	
direct	-906 Oct 04 j 23:01	16°♍40'21	
morning max el	-906 Oct 12 j 05:00	20°♍48'00	19°29'48
	-906 Oct 19 j 13:45	0°♎	
greatest brilliancy	-906 Oct 21 j 04:18	2°♎17'41	-0.7m
morning set	-906 Nov 05 j 11:06	25°♎33'23	
	-906 Nov 08 j 07:41	0°♏	
desc. node	-906 Nov 08 j 13:46	0°♏23'42	
max. Earth dist.	-906 Nov 18 j 15:43	16°♏12'45	1.44456 AU
superior conj	-906 Nov 22 j 06:57	21°♏59'46	-1°-21'-51
minimum elong	-906 Nov 21 j 22:54	21°♏27'38	1°21'03
	-906 Nov 27 j 06:08	0°♐	
evening rise	-906 Dec 06 j 12:33	15°♐17'35	
	-906 Dec 15 j 08:35	0°♑	
evening max el	-906 Dec 25 j 12:52	14°♑17'52	18°24'01
asc. node	-906 Dec 26 j 06:13	15°♑00'08	
retrograde	-905 Jan 01 j 01:45	17°♑52'19	
evening set	-905 Jan 03 j 23:53	17°♑05'50	
inferior conj	-905 Jan 10 j 00:43	11°♑35'33	3°41'59
minimum elong	-905 Jan 09 j 22:44	11°♑41'14	3°41'42
min. Earth dist.	-905 Jan 12 j 05:59	9°♑03'36	0.64075 AU
morning rise	-905 Jan 15 j 20:09	5°♑31'19	
direct	-905 Jan 22 j 18:14	2°♑41'46	
desc. node	-905 Feb 04 j 12:59	9°♑41'58	
morning max el	-905 Feb 05 j 08:31	10°♑29'44	27°29'46
	-905 Feb 20 j 18:12	0°♒	
	-905 Mar 10 j 08:39	0°♓	
morning set	-905 Mar 12 j 07:22	3°♓47'33	
max. Earth dist.	-905 Mar 17 j 08:06	14°♓00'34	1.33455 AU
superior conj	-905 Mar 20 j 05:56	20°♓08'35	0°-40'-56
minimum elong	-905 Mar 20 j 07:52	20°♓18'52	0°40'33
asc. node	-905 Mar 24 j 05:34	28°♓40'20	
	-905 Mar 24 j 20:27	0°♈	
evening rise	-905 Mar 27 j 11:36	5°♈34'57	
	-905 Apr 09 j 17:56	0°♉	
evening max el	-905 Apr 18 j 07:37	10°♉36'21	22°35'06
retrograde	-905 May 01 j 09:52	17°♉03'19	
desc. node	-905 May 03 j 12:06	16°♉53'37	
evening set	-905 May 04 j 12:29	16°♉42'09	
min. Earth dist.	-905 May 12 j 15:57	13°♉09'43	0.55358 AU
inferior conj	-905 May 13 j 19:54	12°♉29'55	-2°-46'-58
minimum elong	-905 May 13 j 13:11	12°♉39'29	2°44'59
morning rise	-905 May 22 j 16:13	8°♉35'38	
direct	-905 May 25 j 10:55	8°♉17'47	
morning max el	-905 Jun 05 j 18:45	13°♉34'30	20°57'47
	-905 Jun 17 j 18:30	0°♊	
asc. node	-905 Jun 20 j 04:50	4°♊27'19	
morning set	-905 Jun 25 j 05:44	14°♊27'25	
superior conj	-905 Jul 02 j 18:40	0°♋06'11	1°40'02
minimum elong	-905 Jul 02 j 16:44	29°♊56'17	1°39'56
	-905 Jul 02 j 17:28	0°♋	
max. Earth dist.	-905 Jul 07 j 03:28	8°♋55'01	1.35633 AU
evening rise	-905 Jul 11 j 10:03	17°♋09'34	
	-905 Jul 18 j 13:43	0°♌	
desc. node	-905 Jul 30 j 11:24	18°♌49'27	
	-905 Aug 07 j 17:12	0°♍	
evening max el	-905 Aug 15 j 22:35	9°♍13'32	26°27'53
retrograde	-905 Aug 28 j 17:56	16°♍25'54	
evening set	-905 Sep 04 j 05:47	13°♍44'43	
min. Earth dist.	-905 Sep 08 j 08:34	9°♍25'41	0.66155 AU
inferior conj	-905 Sep 09 j 22:14	7°♍31'11	-2°-3'-52
minimum elong	-905 Sep 10 j 01:17	7°♍21'51	2°02'43
morning rise	-905 Sep 15 j 21:50	1°♍42'02	
asc. node	-905 Sep 16 j 04:01	1°♍33'46	
direct	-905 Sep 18 j 21:06	0°♍52'02	
morning max el	-905 Sep 25 j 14:57	4°♍36'42	18°41'07
	-905 Oct 13 j 04:24	0°♎	
morning set	-905 Oct 16 j 07:58	5°♎01'26	
desc. node	-905 Oct 26 j 10:47	21°♎04'16	
superior conj	-905 Nov 01 j 08:51	0°♏23'31	0°-37'-53
minimum elong	-905 Nov 01 j 03:55	0°♏04'07	0°37'17
	-905 Nov 01 j 02:53	0°♏	
max. Earth dist.	-905 Nov 01 j 09:43	0°♏26'53	1.44978 AU
evening rise	-905 Nov 17 j 07:12	25°♏36'10	
	-905 Nov 20 j 01:13	0°♐	
evening max el	-905 Dec 08 j 23:33	27°♐43'11	18°57'09
	-905 Dec 11 j 13:39	0°♑	
asc. node	-905 Dec 13 j 03:17	0°♑56'35	
retrograde	-905 Dec 15 j 20:00	1°♑36'26	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening set	-905 Dec 18 j 23:58	0°♑38'39	
	-905 Dec 19 j 22:27	30°℞♐	
inferior conj	-905 Dec 24 j 18:05	24°♐51'04	3°16'40
minimum elong	-905 Dec 24 j 15:19	24°♐59'39	3°16'02
min. Earth dist.	-905 Dec 26 j 08:10	22°♐52'46	0.65502 AU
morning rise	-905 Dec 30 j 05:43	18°♐40'43	
direct	-904 Jan 05 j 18:43	15°♐51'16	
morning max el	-904 Jan 18 j 18:12	23°♐26'51	26°41'56
desc. node	-904 Jan 22 j 10:02	27°♐23'15	
	-904 Jan 24 j 15:05	0°♑	
	-904 Feb 14 j 01:58	0°♒	
morning set	-904 Feb 23 j 15:55	17°♒11'00	
max. Earth dist.	-904 Feb 28 j 00:05	25°♒38'28	1.34629 AU
	-904 Mar 01 j 03:58	0°♓	
superior conj	-904 Mar 03 j 06:39	4°♓20'13	-1°-6'-39
minimum elong	-904 Mar 03 j 09:41	4°♓35'57	1°06'08
asc. node	-904 Mar 10 j 02:36	18°♓37'30	
evening rise	-904 Mar 10 j 20:55	20°♓12'34	
	-904 Mar 15 j 18:05	0°♈	
evening max el	-904 Mar 30 j 06:46	21°♈30'10	21°06'12
retrograde	-904 Apr 10 j 23:24	27°♈09'18	
evening set	-904 Apr 13 j 07:17	26°♈56'40	
desc. node	-904 Apr 19 j 09:11	24°♈43'32	
inferior conj	-904 Apr 22 j 14:23	22°♈58'06	0°-54'-54
minimum elong	-904 Apr 22 j 11:47	23°♈01'46	0°53'59
min. Earth dist.	-904 Apr 23 j 05:00	22°♈37'28	0.55042 AU
morning rise	-904 May 01 j 15:53	18°♈54'04	
direct	-904 May 04 j 21:35	18°♈31'24	
morning max el	-904 May 17 j 18:08	24°♈40'30	22°30'42
	-904 May 22 j 14:53	0°♉	
asc. node	-904 Jun 06 j 01:53	24°♉01'30	
morning set	-904 Jun 08 j 16:07	29°♉20'40	
	-904 Jun 08 j 23:39	0°♊	
superior conj	-904 Jun 15 j 21:49	14°♊42'03	1°27'19
minimum elong	-904 Jun 15 j 19:20	14°♊28'55	1°27'02
max. Earth dist.	-904 Jun 18 j 21:52	20°♊59'26	1.34253 AU
	-904 Jun 23 j 08:51	0°♋	
evening rise	-904 Jun 23 j 19:31	0°♋52'19	
	-904 Jul 10 j 13:39	0°♌	
desc. node	-904 Jul 16 j 08:26	8°♌22'24	
evening max el	-904 Jul 28 j 10:20	22°♌39'41	27°10'14
retrograde	-904 Aug 10 j 18:22	29°♌59'08	
evening set	-904 Aug 17 j 17:27	27°♌13'36	
min. Earth dist.	-904 Aug 21 j 13:05	23°♌32'20	0.64968 AU
inferior conj	-904 Aug 23 j 15:46	21°♌10'35	-2°-56'-31
minimum elong	-904 Aug 23 j 19:55	20°♌58'58	2°55'10
morning rise	-904 Aug 29 j 23:56	15°♌36'04	
direct	-904 Sep 01 j 16:35	14°♌57'20	
asc. node	-904 Sep 02 j 01:05	14°♌58'00	
morning max el	-904 Sep 08 j 05:06	18°♌28'01	18°09'07
	-904 Sep 16 j 17:28	0°♍	
morning set	-904 Sep 26 j 09:19	15°♍53'34	
	-904 Oct 04 j 22:55	0°♎	
superior conj	-904 Oct 10 j 13:22	9°♎00'52	0°11'33
minimum elong	-904 Oct 10 j 14:48	9°♎06'33	0°11'22
behind sun begin	-904 Oct 10 j 06:59	8°♎35'24	
behind sun end	-904 Oct 10 j 22:36	9°♎37'40	
desc. node	-904 Oct 12 j 07:47	11°♎49'35	
max. Earth dist.	-904 Oct 14 j 04:38	14°♎47'08	1.44757 AU
	-904 Oct 23 j 21:51	0°♏	
evening rise	-904 Oct 27 j 03:11	5°♏00'15	
	-904 Nov 12 j 13:32	0°♐	
greatest brilliancy	-904 Nov 13 j 13:03	1°♐24'15	-0.6m
evening max el	-904 Nov 21 j 06:14	11°♐10'32	19°46'33
retrograde	-904 Nov 28 j 17:08	15°♐31'22	
asc. node	-904 Nov 29 j 00:19	15°♐30'52	
evening set	-904 Dec 02 j 04:40	14°♐20'27	
inferior conj	-904 Dec 07 j 18:08	8°♐18'40	2°41'13
minimum elong	-904 Dec 07 j 15:18	8°♐28'02	2°40'21
min. Earth dist.	-904 Dec 08 j 18:28	6°♐58'25	0.66546 AU
morning rise	-904 Dec 13 j 01:16	2°♐04'22	
	-904 Dec 16 j 05:24	30°℞♏	
direct	-904 Dec 19 j 00:58	29°♏26'21	
	-904 Dec 22 j 01:03	0°♐	
morning max el	-904 Dec 31 j 03:21	6°♐37'08	25°30'58
desc. node	-903 Jan 08 j 07:04	16°♐03'07	
	-903 Jan 18 j 07:58	0°♑	
morning set	-903 Feb 05 j 08:50	29°♑43'16	
	-903 Feb 05 j 12:31	0°♒	
max. Earth dist.	-903 Feb 09 j 04:24	6°♒47'44	1.36244 AU
superior conj	-903 Feb 14 j 22:58	18°♒01'48	-1°-29'-57
minimum elong	-903 Feb 15 j 02:38	18°♒20'08	1°29'31
	-903 Feb 20 j 20:41	0°♓	
evening rise	-903 Feb 23 j 02:02	4°♓31'32	
asc. node	-903 Feb 24 j 23:38	8°♓20'40	
	-903 Mar 09 j 22:46	0°♈	
evening max el	-903 Mar 12 j 16:43	2°♈58'50	19°52'28
retrograde	-903 Mar 22 j 16:30	7°♈45'48	
evening set	-903 Mar 24 j 20:05	7°♈33'29	
inferior conj	-903 Apr 02 j 14:11	3°♈32'08	1°01'29
minimum elong	-903 Apr 02 j 16:47	3°♈28'08	1°00'35
min. Earth dist.	-903 Apr 04 j 19:11	2°♈10'47	0.55675 AU
desc. node	-903 Apr 06 j 06:13	1°♈19'25	
	-903 Apr 08 j 19:53	30°℞♓	
morning rise	-903 Apr 11 j 10:21	29°♓00'40	
direct	-903 Apr 15 j 13:25	28°♓22'59	
	-903 Apr 22 j 03:14	0°♈	
morning max el	-903 Apr 29 j 10:31	5°♈17'46	24°11'12
	-903 May 16 j 22:32	0°♉	
asc. node	-903 May 23 j 22:55	13°♉52'57	
morning set	-903 May 24 j 03:59	14°♉19'34	
superior conj	-903 May 31 j 05:50	29°♉32'50	1°10'05
minimum elong	-903 May 31 j 03:22	29°♉19'32	1°09'41
	-903 May 31 j 10:52	0°♊	
max. Earth dist.	-903 Jun 02 j 01:11	3°♊26'07	1.33261 AU
evening rise	-903 Jun 07 j 15:40	15°♊07'35	
	-903 Jun 15 j 10:34	0°♋	
desc. node	-903 Jul 03 j 05:29	27°♋15'02	
	-903 Jul 05 j 11:43	0°♌	
evening max el	-903 Jul 10 j 20:34	5°♌44'23	27°25'25
retrograde	-903 Jul 24 j 13:03	13°♌05'05	
evening set	-903 Jul 31 j 17:37	10°♌26'54	
min. Earth dist.	-903 Aug 04 j 08:10	7°♌19'01	0.63413 AU
inferior conj	-903 Aug 07 j 00:15	4°♌37'26	-3°-43'-37
minimum elong	-903 Aug 07 j 04:48	4°♌25'55	3°42'30
	-903 Aug 12 j 10:25	30°℞♋	
morning rise	-903 Aug 13 j 18:10	29°♋20'47	
direct	-903 Aug 16 j 06:38	28°♋50'10	
asc. node	-903 Aug 19 j 22:07	29°♋55'01	
	-903 Aug 20 j 01:28	0°♌	
morning max el	-903 Aug 22 j 20:41	2°♌15'24	17°54'38
morning set	-903 Sep 08 j 11:43	27°♌57'13	
	-903 Sep 09 j 15:51	0°♍	
superior conj	-903 Sep 20 j 15:27	18°♍43'44	0°54'26
minimum elong	-903 Sep 20 j 20:25	19°♍04'16	0°53'49
max. Earth dist.	-903 Sep 26 j 20:48	28°♍52'31	1.43835 AU
	-903 Sep 27 j 13:38	0°♎	
desc. node	-903 Sep 29 j 04:48	2°♎36'02	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

evening rise	-903 Oct 06 j 09:57	13°♎53'41		
	-903 Oct 17 j 00:38	0°♏		
greatest brilliancy	-903 Oct 29 j 15:03	17°♏54'17	-0.5m	
evening max el	-903 Nov 04 j 07:25	24°♏37'56	20°50'00	
retrograde	-903 Nov 12 j 14:41	29°♏33'00		
asc. node	-903 Nov 15 j 21:21	28°♏31'47		
evening set	-903 Nov 16 j 11:50	28°♏06'54		
inferior conj	-903 Nov 21 j 22:26	21°♏54'23	1°58'18	
minimum elong	-903 Nov 21 j 20:02	22°♏02'35	1°57'26	
min. Earth dist.	-903 Nov 22 j 10:39	21°♏12'37	0.67224 AU	
morning rise	-903 Nov 27 j 03:49	15°♏38'25		
direct	-903 Dec 02 j 12:26	13°♏19'04		
morning max el	-903 Dec 13 j 11:50	19°♏51'58	24°06'44	
	-903 Dec 22 j 03:19	0°♐		
desc. node	-903 Dec 26 j 04:05	5°♐24'10		
	-902 Jan 11 j 12:30	0°♑		
morning set	-902 Jan 18 j 04:07	11°♑07'37		
max. Earth dist.	-902 Jan 22 j 00:22	17°♑52'58	1.38212 AU	
	-902 Jan 28 j 13:59	0°♒		
superior conj	-902 Jan 29 j 03:22	1°♒03'40	-1°-48'-35	
minimum elong	-902 Jan 29 j 06:42	1°♒19'33	1°48'21	
evening rise	-902 Feb 07 j 00:32	18°♒24'46		
asc. node	-902 Feb 11 j 20:40	27°♒44'09		
	-902 Feb 13 j 02:14	0°♓		
evening max el	-902 Feb 23 j 13:22	15°♓05'20	18°57'51	
retrograde	-902 Mar 04 j 00:02	19°♓09'27		
evening set	-902 Mar 06 j 06:50	18°♓52'50		
inferior conj	-902 Mar 14 j 06:54	14°♓36'45	2°32'33	
minimum elong	-902 Mar 14 j 11:25	14°♓28'44	2°31'22	
min. Earth dist.	-902 Mar 17 j 11:16	12°♓22'18	0.57113 AU	
morning rise	-902 Mar 22 j 11:49	9°♓32'52		
desc. node	-902 Mar 24 j 03:14	8°♓58'10		
direct	-902 Mar 27 j 18:38	8°♓26'11		
morning max el	-902 Apr 11 j 01:34	15°♓51'02	25°45'36	
	-902 Apr 22 j 11:53	0°♈		
morning set	-902 May 08 j 15:45	29°♈18'42		
	-902 May 08 j 23:36	0°♉		
asc. node	-902 May 10 j 19:57	3°♉56'25		
superior conj	-902 May 15 j 16:38	14°♉31'47	0°49'20	
minimum elong	-902 May 15 j 14:40	14°♉20'59	0°48'57	
max. Earth dist.	-902 May 16 j 11:03	16°♉12'22	1.32646 AU	
evening rise	-902 May 22 j 19:16	29°♉45'26		
	-902 May 22 j 22:05	0°♊		
	-902 Jun 08 j 13:50	0°♋		
desc. node	-902 Jun 20 j 02:30	15°♋10'41		
evening max el	-902 Jun 23 j 03:10	18°♋16'31	27°08'46	
retrograde	-902 Jul 07 j 01:05	25°♋34'58		
evening set	-902 Jul 14 j 02:16	23°♋18'20		
min. Earth dist.	-902 Jul 17 j 17:14	20°♋33'20	0.61546 AU	
inferior conj	-902 Jul 20 j 20:36	17°♋45'11	-4°-20'-16	
minimum elong	-902 Jul 21 j 00:16	17°♋36'58	4°19'44	
morning rise	-902 Jul 28 j 01:06	12°♋49'07		
direct	-902 Jul 30 j 11:49	12°♋23'59		
morning max el	-902 Aug 06 j 10:51	15°♋52'28	17°58'36	
asc. node	-902 Aug 06 j 19:09	16°♋13'09		
	-902 Aug 16 j 07:31	0°♌		
morning set	-902 Aug 22 j 09:20	10°♌56'28		
superior conj	-902 Sep 01 j 21:05	29°♌48'17	1°24'36	
minimum elong	-902 Sep 02 j 01:43	0°♍08'28	1°24'08	
	-902 Sep 01 j 23:47	0°♍		
max. Earth dist.	-902 Sep 09 j 08:08	12°♍27'55	1.42343 AU	
evening rise	-902 Sep 15 j 21:36	23°♍03'59		
desc. node	-902 Sep 16 j 01:50	23°♍20'44		
	-902 Sep 20 j 08:13	0°♎		
	-902 Oct 11 j 04:47	0°♏		
greatest brilliancy	-902 Oct 13 j 09:02	2°♏44'25	-0.3m	
evening max el	-902 Oct 18 j 02:51	8°♏06'16	22°04'04	
retrograde	-902 Oct 27 j 10:45	13°♏39'08		
evening set	-902 Oct 31 j 19:41	11°♏55'48		
asc. node	-902 Nov 02 j 18:23	10°♏03'09		
inferior conj	-902 Nov 06 j 04:59	5°♏36'15	1°09'56	
minimum elong	-902 Nov 06 j 03:26	5°♏41'38	1°09'18	
min. Earth dist.	-902 Nov 06 j 06:17	5°♏31'44	0.67564 AU	
	-902 Nov 10 j 17:44	30°℞♎		
morning rise	-902 Nov 11 j 10:57	29°♎21'11		
direct	-902 Nov 16 j 04:21	27°♎23'49		
	-902 Nov 22 j 08:52	0°♏		
morning max el	-902 Nov 25 j 22:10	3°♏10'52	22°39'12	
greatest brilliancy	-902 Nov 30 j 13:54	8°♏23'53	-0.3m	
desc. node	-902 Dec 13 j 01:07	25°♏14'55		
	-902 Dec 16 j 06:42	0°♐		
morning set	-902 Dec 29 j 19:47	21°♐09'29		
max. Earth dist.	-901 Jan 03 j 20:07	29°♐32'06	1.40329 AU	
	-901 Jan 04 j 02:40	0°♑		
superior conj	-901 Jan 11 j 15:18	13°♑14'28	-1°-59'-18	
minimum elong	-901 Jan 11 j 16:40	13°♑20'39	1°59'17	
	-901 Jan 20 j 15:16	0°♒		
evening rise	-901 Jan 21 j 13:29	1°♒45'09		
asc. node	-901 Jan 29 j 17:42	16°♒41'04		
evening max el	-901 Feb 06 j 18:19	27°♒43'05	18°23'11	
	-901 Feb 09 j 15:37	0°♓		
retrograde	-901 Feb 14 j 02:19	1°♓20'16		
evening set	-901 Feb 16 j 13:42	0°♓56'43		
	-901 Feb 18 j 18:16	30°℞♒		
inferior conj	-901 Feb 23 j 20:30	26°♒19'54	3°27'48	
minimum elong	-901 Feb 23 j 23:44	26°♒13'12	3°27'18	
min. Earth dist.	-901 Feb 27 j 06:48	23°♒31'02	0.59055 AU	
morning rise	-901 Mar 03 j 06:09	20°♒49'55		
direct	-901 Mar 09 j 13:04	19°♒05'40		
desc. node	-901 Mar 11 j 00:17	19°♒11'15		
morning max el	-901 Mar 23 j 20:25	26°♒45'55	26°58'51	
	-901 Mar 26 j 22:21	0°♓		
	-901 Apr 15 j 21:31	0°♈		
morning set	-901 Apr 23 j 01:42	14°♈11'03		
asc. node	-901 Apr 27 j 17:00	24°♈06'14		
superior conj	-901 Apr 30 j 04:23	29°♈31'24	0°25'55	
minimum elong	-901 Apr 30 j 03:15	29°♈25'11	0°25'41	
max. Earth dist.	-901 Apr 29 j 23:52	29°♈06'35	1.32395 AU	
	-901 Apr 30 j 09:36	0°♉		
evening rise	-901 May 07 j 03:38	14°♉35'56		
	-901 May 14 j 22:46	0°♊		
evening max el	-901 Jun 05 j 03:46	0°♋05'30	26°19'22	
	-901 Jun 05 j 01:28	0°♋		
desc. node	-901 Jun 06 j 23:31	1°♋44'31		
retrograde	-901 Jun 19 j 04:41	7°♋20'01		
evening set	-901 Jun 25 j 14:49	5°♋37'29		
min. Earth dist.	-901 Jun 29 j 16:51	2°♋59'29	0.59505 AU	
inferior conj	-901 Jul 03 j 01:11	0°♋23'36	-4°-38'-49	
minimum elong	-901 Jul 03 j 02:06	0°♋21'48	4°38'48	
	-901 Jul 03 j 13:18	30°℞♊		
morning rise	-901 Jul 10 j 16:49	25°♊50'00		
direct	-901 Jul 13 j 04:03	25°♊28'29		
morning max el	-901 Jul 20 j 20:31	29°♊10'10	18°22'12	
	-901 Jul 21 j 16:27	0°♋		
asc. node	-901 Jul 24 j 16:13	3°♋36'10		
morning set	-901 Aug 05 j 20:49	24°♋36'25		
	-901 Aug 08 j 16:34	0°♌		
superior conj	-901 Aug 15 j 02:57	12°♌04'45	1°41'39	

Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

minimum elong	-901 Aug 15 j 05:30	12°♌16'25	1°41'31
max. Earth dist.	-901 Aug 22 j 14:14	25°♌22'36	1.40472 AU
	-901 Aug 25 j 07:29	0°♍	
evening rise	-901 Aug 27 j 05:22	3°♍11'09	
desc. node	-901 Sep 02 j 22:52	13°♍59'36	
	-901 Sep 13 j 15:40	0°♎	
evening max el	-901 Sep 30 j 17:30	21°♎36'37	23°23'51
retrograde	-901 Oct 11 j 03:58	27°♎46'46	
evening set	-901 Oct 16 j 02:33	25°♎44'55	
asc. node	-901 Oct 20 j 15:25	20°♎32'16	
inferior conj	-901 Oct 21 j 11:57	19°♎22'03	0°17'42
minimum elong	-901 Oct 21 j 11:32	19°♎23'29	0°17'31
min. Earth dist.	-901 Oct 21 j 02:53	19°♎53'09	0.67583 AU
morning rise	-901 Oct 26 j 20:35	13°♎10'36	
direct	-901 Oct 30 j 23:43	11°♎35'31	
morning max el	-901 Nov 08 j 13:55	16°♎37'37	21°16'44
greatest brilliancy	-901 Nov 13 j 20:56	22°♎44'01	-0.4m
	-901 Nov 19 j 07:27	0°♏	
desc. node	-901 Nov 29 j 22:10	15°♏26'54	
morning set	-901 Dec 09 j 07:20	29°♏52'37	
	-901 Dec 09 j 09:13	0°♐	
max. Earth dist.	-901 Dec 16 j 22:34	12°♐07'59	1.42296 AU
superior conj	-901 Dec 24 j 05:20	24°♐20'55	-1°-57'-59
minimum elong	-901 Dec 24 j 02:46	24°♐09'57	1°57'55
	-901 Dec 27 j 11:33	0°♑	
evening rise	-900 Jan 04 j 13:15	14°♑25'07	
	-900 Jan 13 j 09:07	0°♒	
asc. node	-900 Jan 16 j 14:45	5°♒03'10	
evening max el	-900 Jan 21 j 04:29	10°♒43'24	18°08'21
retrograde	-900 Jan 27 j 21:29	14°♒09'35	
evening set	-900 Jan 30 j 12:51	13°♒37'53	
inferior conj	-900 Feb 06 j 05:29	8°♒39'02	3°51'08
minimum elong	-900 Feb 06 j 06:21	8°♒36'58	3°51'06
min. Earth dist.	-900 Feb 09 j 08:49	5°♒40'14	0.61140 AU
morning rise	-900 Feb 12 j 21:13	2°♒51'08	
direct	-900 Feb 19 j 18:03	0°♒31'59	
desc. node	-900 Feb 25 j 21:20	2°♒11'17	
morning max el	-900 Mar 04 j 21:39	8°♒19'49	27°39'39
	-900 Mar 21 j 11:56	0°♓	
morning set	-900 Apr 06 j 07:58	28°♓50'14	
	-900 Apr 06 j 21:30	0°♈	
max. Earth dist.	-900 Apr 12 j 11:56	11°♈55'46	1.32504 AU
superior conj	-900 Apr 13 j 15:28	14°♈25'50	0°00'37
minimum elong	-900 Apr 13 j 15:26	14°♈25'39	0°00'38
behind sun begin	-900 Apr 13 j 10:22	13°♈58'02	
behind sun end	-900 Apr 13 j 20:29	14°♈53'18	
asc. node	-900 Apr 13 j 14:04	14°♈18'13	
evening rise	-900 Apr 20 j 14:42	29°♈31'36	
	-900 Apr 20 j 20:05	0°♉	
	-900 May 07 j 14:06	0°♊	
evening max el	-900 May 16 j 21:46	11°♊11'11	25°02'21
desc. node	-900 May 23 j 20:33	16°♊24'15	
retrograde	-900 May 30 j 21:55	18°♊18'22	
evening set	-900 Jun 05 j 04:30	17°♊14'29	
min. Earth dist.	-900 Jun 10 j 09:27	14°♊26'06	0.57531 AU
inferior conj	-900 Jun 13 j 10:40	12°♊23'08	-4°-28'-14
minimum elong	-900 Jun 13 j 07:15	12°♊28'56	4°27'54
morning rise	-900 Jun 21 j 13:52	8°♊11'25	
direct	-900 Jun 24 j 02:56	7°♊52'26	
morning max el	-900 Jul 02 j 22:48	11°♊59'50	19°06'27
asc. node	-900 Jul 10 j 13:17	21°♊49'58	
	-900 Jul 15 j 05:11	0°♋	
morning set	-900 Jul 19 j 18:12	8°♋46'37	
superior conj	-900 Jul 28 j 03:25	25°♋17'52	1°47'37
minimum elong	-900 Jul 28 j 03:45	25°♋19'29	1°47'38
	-900 Jul 30 j 14:31	0°♌	
max. Earth dist.	-900 Aug 03 j 17:18	7°♌36'57	1.38468 AU
evening rise	-900 Aug 07 j 14:21	14°♌30'02	
	-900 Aug 16 j 22:50	0°♍	
desc. node	-900 Aug 19 j 19:53	4°♍28'23	
	-900 Sep 07 j 11:03	0°♎	
evening max el	-900 Sep 12 j 05:22	5°♎09'47	24°42'55
retrograde	-900 Sep 23 j 17:21	11°♎52'05	
evening set	-900 Sep 29 j 06:41	9°♎32'02	
min. Earth dist.	-900 Oct 03 j 22:01	4°♎14'48	0.67287 AU
inferior conj	-900 Oct 04 j 17:37	3°♎09'37	0°-36'-55
minimum elong	-900 Oct 04 j 18:31	3°♎06'36	0°36'33
asc. node	-900 Oct 06 j 12:29	0°♎50'28	
	-900 Oct 07 j 05:10	30°℞♍	
morning rise	-900 Oct 10 j 06:46	27°♍04'34	
direct	-900 Oct 13 j 21:17	25°♍49'47	
	-900 Oct 21 j 07:24	0°♎	
morning max el	-900 Oct 21 j 13:10	0°♎14'28	20°04'55
greatest brilliancy	-900 Oct 28 j 16:13	8°♎57'07	-0.6m
	-900 Nov 11 j 23:03	0°♏	
desc. node	-900 Nov 15 j 19:11	5°♏53'27	
morning set	-900 Nov 17 j 04:13	8°♏00'54	
max. Earth dist.	-900 Nov 28 j 08:42	25°♏34'54	1.43836 AU
	-900 Dec 01 j 02:41	0°♐	
superior conj	-900 Dec 03 j 16:43	4°♐11'59	-1°-40'-19
minimum elong	-900 Dec 03 j 09:44	3°♐43'32	1°39'47
evening rise	-900 Dec 16 j 19:31	26°♐15'30	
	-900 Dec 18 j 23:39	0°♑	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-900 Apr 13 j 15:28	14°♈25'50	0°00'37
minimum elong	-900 Apr 13 j 15:26	14°♈25'39	0°00'38
behind sun begin	-900 Apr 13 j 10:22	13°♈58'02	
behind sun end	-900 Apr 13 j 20:29	14°♈53'18	
asc. node	-900 Apr 13 j 14:04	14°♈18'13	
evening rise	-900 Apr 20 j 14:42	29°♈31'36	
	-900 Apr 20 j 20:05	0°♉	
	-900 May 07 j 14:06	0°♊	
evening max el	-900 May 16 j 21:46	11°♊11'11	25°02'21
desc. node	-900 May 23 j 20:33	16°♊24'15	
retrograde	-900 May 30 j 21:55	18°♊18'22	
evening set	-900 Jun 05 j 04:30	17°♊14'29	
min. Earth dist.	-900 Jun 10 j 09:27	14°♊26'06	0.57531 AU
inferior conj	-900 Jun 13 j 10:40	12°♊23'08	-4°-28'-14
minimum elong	-900 Jun 13 j 07:15	12°♊28'56	4°27'54
morning rise	-900 Jun 21 j 13:52	8°♊11'25	
direct	-900 Jun 24 j 02:56	7°♊52'26	
morning max el	-900 Jul 02 j 22:48	11°♊59'50	19°06'27
asc. node	-900 Jul 10 j 13:17	21°♊49'58	
	-900 Jul 15 j 05:11	0°♋	
morning set	-900 Jul 19 j 18:12	8°♋46'37	
superior conj	-900 Jul 28 j 03:25	25°♋17'52	1°47'37
minimum elong	-900 Jul 28 j 03:45	25°♋19'29	1°47'38
	-900 Jul 30 j 14:31	0°♌	
max. Earth dist.	-900 Aug 03 j 17:18	7°♌36'57	1.38468 AU
evening rise	-900 Aug 07 j 14:21	14°♌30'02	
	-900 Aug 16 j 22:50	0°♍	
desc. node	-900 Aug 19 j 19:53	4°♍28'23	
	-900 Sep 07 j 11:03	0°♎	
evening max el	-900 Sep 12 j 05:22	5°♎09'47	24°42'55
retrograde	-900 Sep 23 j 17:21	11°♎52'05	
evening set	-900 Sep 29 j 06:41	9°♎32'02	
min. Earth dist.	-900 Oct 03 j 22:01	4°♎14'48	0.67287 AU
inferior conj	-900 Oct 04 j 17:37	3°♎09'37	0°-36'-55
minimum elong	-900 Oct 04 j 18:31	3°♎06'36	0°36'33
asc. node	-900 Oct 06 j 12:29	0°♎50'28	
	-900 Oct 07 j 05:10	30°℞♍	
morning rise	-900 Oct 10 j 06:46	27°♍04'34	
direct	-900 Oct 13 j 21:17	25°♍49'47	
	-900 Oct 21 j 07:24	0°♎	
morning max el	-900 Oct 21 j 13:10	0°♎14'28	20°04'55
greatest brilliancy	-900 Oct 28 j 16:13	8°♎57'07	-0.6m
	-900 Nov 11 j 23:03	0°♏	
desc. node	-900 Nov 15 j 19:11	5°♏53'27	
morning set	-900 Nov 17 j 04:13	8°♏00'54	
max. Earth dist.	-900 Nov 28 j 08:42	25°♏34'54	1.43836 AU
	-900 Dec 01 j 02:41	0°♐	
superior conj	-900 Dec 03 j 16:43	4°♐11'59	-1°-40'-19
minimum elong	-900 Dec 03 j 09:44	3°♐43'32	1°39'47
evening rise	-900 Dec 16 j 19:31	26°♐15'30	
	-900 Dec 18 j 23:39	0°♑	
asc. node	-899 Jan 02 j 11:48	22°♑39'13	
evening max el	-899 Jan 03 j 16:53	23°♑57'41	18°12'53
retrograde	-899 Jan 10 j 04:55	27°♑26'10	
evening set	-899 Jan 13 j 00:16	26°♑45'28	
inferior conj	-899 Jan 19 j 06:02	21°♑25'55	3°50'29
minimum elong	-899 Jan 19 j 04:52	21°♑29'05	3°50'23
min. Earth dist.	-899 Jan 21 j 19:57	18°♑39'23	0.63084 AU
morning rise	-899 Jan 25 j 07:38	15°♑26'10	
direct	-899 Feb 01 j 07:41	12°♑43'35	
desc. node	-899 Feb 11 j 18:23	17°♑27'46	
morning max el	-899 Feb 15 j 04:22	20°♑34'03	27°43'36
	-899 Feb 23 j 08:24	0°♒	
	-899 Mar 14 j 11:46	0°♓	
morning set	-899 Mar 21 j 08:18	13°♓08'07	
max. Earth dist.	-899 Mar 26 j 19:07	24°♓25'10	1.32990 AU
superior conj	-899 Mar 29 j 00:06	29°♓08'49	0°-25'-42
minimum elong	-899 Mar 29 j 01:19	29°♓15'21	0°25'27
	-899 Mar 29 j 09:36	0°♈	
asc. node	-899 Mar 31 j 11:09	4°♈27'50	
evening rise	-899 Apr 05 j 02:31	14°♈25'13	
	-899 Apr 12 j 23:32	0°♉	
evening max el	-899 Apr 28 j 12:29	21°♉49'47	23°29'38
desc. node	-899 May 10 j 17:34	28°♉33'20	
retrograde	-899 May 12 j 03:11	28°♉37'48	
evening set	-899 May 15 j 23:23	28°♉05'18	
min. Earth dist.	-899 May 22 j 22:54	24°♉52'15	0.55948 AU
inferior conj	-899 May 25 j 00:06	23°♉38'59	-3°-36'-50
minimum elong	-899 May 24 j 17:19	23°♉49'07	3°35'15
morning rise	-899 Jun 02 j 14:47	19°♉42'31	
direct	-899 Jun 05 j 06:23	19°♉25'08	
morning max el	-899 Jun 15 j 15:15	24°♉12'53	20°11'36
	-899 Jun 20 j 16:51	0°♊	
asc. node	-899 Jun 27 j 10:23	10°♊42'45	
morning set	-899 Jul 03 j 22:27	23°♊19'14	
	-899 Jul 07 j 04:48	0°♋	
superior conj	-899 Jul 11 j 17:20	9°♋13'02	1°44'50
minimum elong	-899 Jul 11 j 16:02	9°♋06'29	1°44'48
max. Earth dist.	-899 Jul 16 j 22:17	19°♋27'24	1.36581 AU
evening rise	-899 Jul 20 j 22:06	26°♋56'01	
	-899 Jul 22 j 14:44	0°♌	
desc. node	-899 Aug 06 j 16:54	24°♌41'56	
	-899 Aug 10 j 08:37	0°♍	
evening max el	-899 Aug 25 j 16:36	18°♍45'24	25°53'49
retrograde	-899 Sep 07 j 02:15	25°♍50'39	
evening set	-899 Sep 13 j 06:16	23°♍15'23	
min. Earth dist.	-899 Sep 17 j 13:23	18°♍34'43	0.66664 AU
inferior conj	-899 Sep 18 j 20:12	16°♍57'18	-1°-32'-20
minimum elong	-899 Sep 18 j 22:30	16°♍50'01	1°31'25
asc. node	-899 Sep 23 j 09:33	11°♍55'26	
morning rise	-899 Sep 24 j 15:33	11°♍01'32	
direct	-899 Sep 27 j 19:37	10°♍03'41	
morning max el	-899 Oct 04 j 19:44	14°♍00'33	19°07'11
	-899 Oct 16 j 16:13	0°♎	
morning set	-899 Oct 27 j 10:54	16°♎45'22	
desc. node	-899 Nov 02 j 16:14	26°♎30'20	
	-899 Nov 04 j 21:44	0°♏	
max. Earth dist.	-899 Nov 11 j 00:12	9°♏35'31	1.44762 AU
superior conj	-899 Nov 13 j 03:14	12°♏57'01	-1°-4'-41
minimum elong	-899 Nov 12 j 19:44	12°♏27'22	1°03'51
	-899 Nov 23 j 18:50	0°♐	
evening rise	-899 Nov 28 j 04:01	7°♐08'51	
	-899 Dec 12 j 10:31	0°♑	
evening max el	-899 Dec 18 j 04:51	7°♑20'09	18°35'58
asc. node	-899 Dec 20 j 08:51	9°♑16'17	
retrograde	-899 Dec 24 j 20:15	11°♑01'51	
evening set	-899 Dec 27 j 20:33	10°♑10'55	
inferior conj	-898 Jan 02 j 18:15	4°♑32'56	3°32'41
minimum elong	-898 Jan 02 j 15:50	4°♑40'06	3°32'16
min. Earth dist.	-898 Jan 04 j 16:59	2°♑14'09	0.64725 AU
	-898 Jan 06 j 17:39	30°℞♐	
morning rise	-898 Jan 08 j 09:53	28°♐25'30	
direct	-898 Jan 15 j 04:42	25°♐34'13	
	-898 Jan 24 j 22:16	0°♑	
morning max el	-898 Jan 28 j 13:45	3°♑19'14	27°12'48

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-898 Jan 29 j 15:27	4°♉24'56	
	-898 Feb 17 j 17:01	0°♒	
morning set	-898 Mar 04 j 23:43	26°♒55'11	
	-898 Mar 06 j 13:24	0°♓	
max. Earth dist.	-898 Mar 09 j 17:23	6°♓22'43	1.33896 AU
superior conj	-898 Mar 13 j 04:23	13°♓34'08	0°-52'-1
minimum elong	-898 Mar 13 j 06:49	13°♓46'57	0°51'34
asc. node	-898 Mar 18 j 08:11	24°♓30'54	
evening rise	-898 Mar 20 j 13:16	29°♓10'29	
	-898 Mar 20 j 22:46	0°♈	
	-898 Apr 07 j 21:13	0°♉	
evening max el	-898 Apr 10 j 06:49	2°♉30'45	21°55'51
retrograde	-898 Apr 22 j 20:51	8°♉39'26	
evening set	-898 Apr 25 j 13:09	8°♉23'26	
desc. node	-898 Apr 27 j 14:37	7°♉50'48	
inferior conj	-898 May 04 j 22:19	4°♉18'46	-2°-2'-14
minimum elong	-898 May 04 j 16:51	4°♉26'28	2°00'26
min. Earth dist.	-898 May 04 j 12:07	4°♉33'06	0.55102 AU
morning rise	-898 May 13 j 21:48	0°♉22'32	
direct	-898 May 16 j 19:44	0°♉03'39	
morning max el	-898 May 28 j 20:39	5°♉43'16	21°35'43
asc. node	-898 Jun 14 j 07:26	0°♊04'13	
	-898 Jun 14 j 06:34	0°♊	
morning set	-898 Jun 18 j 07:09	8°♊06'44	
superior conj	-898 Jun 25 j 16:35	23°♊37'06	1°35'17
minimum elong	-898 Jun 25 j 14:20	23°♊25'26	1°35'05
	-898 Jun 28 j 18:57	0°♋	
max. Earth dist.	-898 Jun 29 j 10:47	1°♋20'10	1.34995 AU
evening rise	-898 Jul 03 j 23:35	10°♋15'09	
	-898 Jul 15 j 02:16	0°♌	
desc. node	-898 Jul 24 j 13:55	14°♌32'34	
	-898 Aug 05 j 21:46	0°♍	
evening max el	-898 Aug 08 j 04:19	2°♍18'00	26°48'49
retrograde	-898 Aug 21 j 06:03	9°♍35'09	
evening set	-898 Aug 27 j 23:02	6°♍50'56	
min. Earth dist.	-898 Aug 31 j 22:36	2°♍48'01	0.65691 AU
inferior conj	-898 Sep 02 j 17:42	0°♍41'08	-2°-26'-41
minimum elong	-898 Sep 02 j 21:16	0°♍30'35	2°25'24
	-898 Sep 03 j 07:43	30°℞♌	
morning rise	-898 Sep 08 j 20:47	24°♌57'43	
asc. node	-898 Sep 10 j 06:36	24°♌24'25	
direct	-898 Sep 11 j 16:49	24°♌13'05	
morning max el	-898 Sep 18 j 07:45	27°♌51'08	18°25'21
	-898 Sep 20 j 06:16	0°♍	
morning set	-898 Oct 07 j 19:45	26°♍49'01	
	-898 Oct 09 j 18:54	0°♎	
desc. node	-898 Oct 20 j 13:15	17°♎13'23	
superior conj	-898 Oct 23 j 03:23	21°♎18'44	0°-16'-49
minimum elong	-898 Oct 23 j 01:09	21°♎09'59	0°16'32
max. Earth dist.	-898 Oct 24 j 18:20	23°♎52'08	1.44972 AU
	-898 Oct 28 j 16:00	0°♏	
evening rise	-898 Nov 08 j 12:22	17°♏02'00	
	-898 Nov 16 j 18:27	0°♐	
greatest brilliancy	-898 Nov 21 j 17:28	7°♐38'08	-0.7m
evening max el	-898 Dec 01 j 14:02	20°♐46'40	19°16'23
asc. node	-898 Dec 07 j 05:52	24°♐39'26	
retrograde	-898 Dec 08 j 15:56	24°♐50'42	
evening set	-898 Dec 11 j 22:50	23°♐47'44	
inferior conj	-898 Dec 17 j 14:46	17°♐54'01	3°02'41
minimum elong	-898 Dec 17 j 11:54	18°♐03'11	3°01'56
min. Earth dist.	-898 Dec 18 j 22:55	16°♐11'17	0.65991 AU
morning rise	-898 Dec 23 j 00:06	11°♐41'40	
direct	-898 Dec 29 j 07:54	8°♐55'33	
morning max el	-897 Jan 10 j 23:10	16°♐22'43	26°13'59
desc. node	-897 Jan 16 j 12:30	22°♐33'39	
	-897 Jan 22 j 07:15	0°♉	
	-897 Feb 10 j 13:41	0°♒	
morning set	-897 Feb 16 j 02:19	9°♒59'20	
max. Earth dist.	-897 Feb 20 j 03:59	17°♒45'33	1.35254 AU
superior conj	-897 Feb 25 j 01:56	27°♒34'45	-1°-16'-56
minimum elong	-897 Feb 25 j 05:19	27°♒52'03	1°16'26
	-897 Feb 26 j 06:18	0°♓	
evening rise	-897 Mar 04 j 21:04	13°♓41'19	
asc. node	-897 Mar 05 j 05:13	14°♓23'06	
	-897 Mar 13 j 09:06	0°♈	
evening max el	-897 Mar 23 j 10:36	13°♈39'48	20°32'48
retrograde	-897 Apr 03 j 10:02	18°♈55'51	
evening set	-897 Apr 05 j 14:37	18°♈44'08	
desc. node	-897 Apr 14 j 11:40	14°♈55'09	
inferior conj	-897 Apr 14 j 17:25	14°♈46'49	0°-4'-5
minimum elong	-897 Apr 14 j 17:13	14°♈47'06	0°04'02
transit middle	-897 Apr 14 j 17:13	14°♈47'06	0°04'02
transit begin	-897 Apr 14 j 13:18	14°♈52'47	
transit end	-897 Apr 14 j 21:09	14°♈41'24	
min. Earth dist.	-897 Apr 16 j 01:52	13°♈59'50	0.55197 AU
morning rise	-897 Apr 23 j 18:01	10°♈32'29	
direct	-897 Apr 27 j 07:45	10°♈04'48	
morning max el	-897 May 10 j 16:26	16°♈35'23	23°13'04
	-897 May 21 j 08:24	0°♉	
asc. node	-897 Jun 01 j 04:29	19°♉47'02	
morning set	-897 Jun 02 j 18:23	23°♉03'33	
	-897 Jun 06 j 00:48	0°♊	
superior conj	-897 Jun 09 j 22:06	8°♊20'47	1°20'30
minimum elong	-897 Jun 09 j 19:34	8°♊07'13	1°20'09
max. Earth dist.	-897 Jun 12 j 09:15	13°♊34'39	1.33790 AU
evening rise	-897 Jun 17 j 14:08	24°♊14'03	
	-897 Jun 20 j 13:14	0°♋	
	-897 Jul 08 j 15:40	0°♌	
desc. node	-897 Jul 11 j 10:56	3°♌50'18	
evening max el	-897 Jul 21 j 15:54	15°♌37'42	27°20'21
retrograde	-897 Aug 04 j 04:07	22°♌57'48	
evening set	-897 Aug 11 j 06:14	20°♌14'10	
min. Earth dist.	-897 Aug 14 j 23:28	16°♌47'33	0.64354 AU
inferior conj	-897 Aug 17 j 07:45	14°♌16'27	-3°-17'-26
minimum elong	-897 Aug 17 j 12:10	14°♌04'32	3°16'07
morning rise	-897 Aug 23 j 19:54	8°♌48'47	
direct	-897 Aug 26 j 10:28	8°♌13'49	
asc. node	-897 Aug 28 j 03:39	8°♌29'05	
morning max el	-897 Sep 01 j 22:47	11°♌41'19	18°00'38
	-897 Sep 14 j 11:58	0°♍	
morning set	-897 Sep 19 j 08:27	8°♍13'53	
	-897 Oct 02 j 10:38	0°♎	
superior conj	-897 Oct 02 j 15:21	0°♎19'08	0°31'06
minimum elong	-897 Oct 02 j 18:49	0°♎33'09	0°30'38
desc. node	-897 Oct 07 j 10:15	7°♎59'35	
max. Earth dist.	-897 Oct 07 j 12:27	8°♎08'19	1.44453 AU
evening rise	-897 Oct 19 j 00:52	26°♎08'21	
	-897 Oct 21 j 13:06	0°♏	
greatest brilliancy	-897 Nov 08 j 02:10	26°♏02'23	-0.6m
	-897 Nov 11 j 02:23	0°♐	
evening max el	-897 Nov 14 j 18:34	4°♐14'25	20°12'06
retrograde	-897 Nov 22 j 13:21	8°♐48'40	
asc. node	-897 Nov 24 j 02:53	8°♐34'40	
evening set	-897 Nov 26 j 04:47	7°♐31'30	
inferior conj	-897 Dec 01 j 16:51	1°♐24'56	2°23'46
minimum elong	-897 Dec 01 j 14:08	1°♐34'02	2°22'53
min. Earth dist.	-897 Dec 02 j 11:52	0°♐21'07	0.66881 AU
	-897 Dec 02 j 18:12	30°℞♏	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning rise	-897 Dec 06 j 22:57	25°♏09'54	
direct	-897 Dec 12 j 16:28	22°♏39'03	
morning max el	-897 Dec 24 j 07:37	29°♏34'28	24°56'10
	-897 Dec 24 j 17:40	0°♐	
desc. node	-896 Jan 03 j 09:31	11°♐32'33	
	-896 Jan 16 j 04:07	0°♑	
morning set	-896 Jan 29 j 10:43	22°♑04'12	
max. Earth dist.	-896 Feb 02 j 03:53	28°♑48'18	1.37045 AU
	-896 Feb 02 j 19:21	0°♒	
superior conj	-896 Feb 08 j 13:39	11°♒00'46	-1°-38'-36
minimum elong	-896 Feb 08 j 17:20	11°♒18'49	1°38'14
evening rise	-896 Feb 16 j 23:39	27°♒50'04	
	-896 Feb 18 j 01:42	0°♓	
asc. node	-896 Feb 20 j 02:14	3°♓58'36	
evening max el	-896 Mar 05 j 01:20	25°♓24'57	19°26'53
retrograde	-896 Mar 14 j 08:00	29°♓51'42	
evening set	-896 Mar 16 j 12:45	29°♓37'50	
inferior conj	-896 Mar 24 j 23:20	25°♓31'13	1°44'14
minimum elong	-896 Mar 25 j 03:14	25°♓24'52	1°43'01
min. Earth dist.	-896 Mar 27 j 16:23	23°♓46'00	0.56206 AU
desc. node	-896 Mar 31 j 08:41	21°♓41'21	
morning rise	-896 Apr 02 j 14:01	20°♓46'14	
direct	-896 Apr 07 j 04:53	19°♓57'51	
morning max el	-896 Apr 21 j 07:16	27°♓06'37	24°52'58
	-896 Apr 24 j 02:24	0°♈	
	-896 May 13 j 07:53	0°♉	
morning set	-896 May 17 j 06:25	8°♉03'16	
asc. node	-896 May 18 j 01:32	9°♉44'14	
superior conj	-896 May 24 j 07:31	23°♉15'37	1°01'40
minimum elong	-896 May 24 j 05:13	23°♉03'04	1°01'15
max. Earth dist.	-896 May 25 j 15:59	26°♉11'40	1.32963 AU
	-896 May 27 j 10:26	0°♊	
evening rise	-896 May 31 j 13:49	8°♊40'08	
	-896 Jun 11 j 23:03	0°♋	
desc. node	-896 Jun 27 j 07:58	22°♋21'05	
evening max el	-896 Jul 03 j 01:04	28°♋30'31	27°22'19
	-896 Jul 04 j 16:18	0°♌	
retrograde	-896 Jul 16 j 19:46	5°♌49'30	
evening set	-896 Jul 24 j 00:18	3°♌18'56	
min. Earth dist.	-896 Jul 27 j 14:15	0°♌22'24	0.62660 AU
	-896 Jul 27 j 23:50	30°℞♋	
inferior conj	-896 Jul 30 j 11:30	27°♋36'23	-4°00'-49
minimum elong	-896 Jul 30 j 15:52	27°♋25'52	3°59'55
morning rise	-896 Aug 06 j 09:49	22°♋28'00	
direct	-896 Aug 08 j 21:23	21°♋59'51	
asc. node	-896 Aug 14 j 00:42	24°♋02'27	
morning max el	-896 Aug 15 j 14:05	25°♋25'02	17°53'58
	-896 Aug 19 j 09:57	0°♌	
morning set	-896 Aug 31 j 19:47	20°♌43'41	
	-896 Sep 06 j 01:23	0°♍	
superior conj	-896 Sep 12 j 05:11	10°♍36'58	1°08'54
minimum elong	-896 Sep 12 j 10:22	10°♍58'53	1°08'18
max. Earth dist.	-896 Sep 19 j 03:24	22°♍05'21	1.43267 AU
desc. node	-896 Sep 23 j 07:17	28°♍45'55	
	-896 Sep 24 j 02:00	0°♎	
evening rise	-896 Sep 27 j 07:30	5°♎03'41	
	-896 Oct 13 j 23:00	0°♏	
greatest brilliancy	-896 Oct 22 j 13:59	11°♏45'28	-0.4m
evening max el	-896 Oct 27 j 17:19	17°♏42'35	21°20'26
retrograde	-896 Nov 05 j 10:26	22°♏53'10	
evening set	-896 Nov 09 j 12:28	21°♏19'42	
asc. node	-896 Nov 09 j 23:54	20°♏56'26	
inferior conj	-896 Nov 14 j 22:20	15°♏03'43	1°38'21
minimum elong	-896 Nov 14 j 20:15	15°♏10'53	1°37'33
min. Earth dist.	-896 Nov 15 j 05:43	14°♏38'16	0.67412 AU
morning rise	-896 Nov 20 j 03:43	8°♏48'03	
direct	-896 Nov 25 j 05:47	6°♏38'03	
morning max el	-896 Dec 05 j 16:34	12°♏51'21	23°29'25
greatest brilliancy	-896 Dec 11 j 15:33	19°♏37'12	-0.2m
	-896 Dec 19 j 11:19	0°♐	
desc. node	-896 Dec 20 j 06:33	1°♐07'36	
	-895 Jan 08 j 01:09	0°♑	
morning set	-895 Jan 09 j 18:49	2°♑54'30	
max. Earth dist.	-895 Jan 13 j 23:17	10°♑06'12	1.39115 AU
superior conj	-895 Jan 21 j 11:39	23°♑42'17	-1°-54'-19
minimum elong	-895 Jan 21 j 14:23	23°♑55'03	1°54'12
	-895 Jan 24 j 19:34	0°♒	
evening rise	-895 Jan 30 j 18:30	11°♒30'23	
asc. node	-895 Feb 05 j 23:16	23°♒11'35	
	-895 Feb 10 j 00:15	0°♓	
evening max el	-895 Feb 16 j 01:44	7°♓44'51	18°40'35
retrograde	-895 Feb 23 j 23:42	11°♓35'52	
evening set	-895 Feb 26 j 08:26	11°♓16'31	
inferior conj	-895 Mar 06 j 00:48	6°♓51'35	3°00'21
minimum elong	-895 Mar 06 j 05:02	6°♓43'31	2°59'25
min. Earth dist.	-895 Mar 09 j 09:26	4°♓19'54	0.57898 AU
morning rise	-895 Mar 13 j 21:38	1°♓35'27	
desc. node	-895 Mar 18 j 05:43	0°♓18'33	
direct	-895 Mar 19 j 15:25	0°♓13'36	
morning max el	-895 Apr 02 j 23:32	7°♓45'58	26°20'17
	-895 Apr 19 j 14:18	0°♈	
morning set	-895 May 01 j 17:38	23°♈00'08	
asc. node	-895 May 04 j 22:35	29°♈50'44	
	-895 May 05 j 00:18	0°♉	
superior conj	-895 May 08 j 18:56	8°♉15'08	0°39'40
minimum elong	-895 May 08 j 17:16	8°♉06'03	0°39'21
max. Earth dist.	-895 May 09 j 03:38	9°♉02'54	1.32495 AU
evening rise	-895 May 15 j 19:42	23°♉23'47	
	-895 May 19 j 01:31	0°♊	
	-895 Jun 05 j 23:15	0°♋	
desc. node	-895 Jun 14 j 05:00	9°♋45'09	
evening max el	-895 Jun 15 j 05:10	10°♋44'12	26°51'29
retrograde	-895 Jun 29 j 04:21	18°♋01'16	
evening set	-895 Jul 06 j 00:57	15°♋57'32	
min. Earth dist.	-895 Jul 09 j 18:47	13°♋18'05	0.60691 AU
inferior conj	-895 Jul 13 j 01:33	10°♋32'26	-4°-30'-55
minimum elong	-895 Jul 13 j 04:19	10°♋26'36	4°30'40
morning rise	-895 Jul 20 j 10:47	5°♋46'07	
direct	-895 Jul 22 j 21:35	5°♋22'40	
morning max el	-895 Jul 30 j 02:45	8°♋55'02	18°06'14
asc. node	-895 Jul 31 j 21:47	10°♋50'00	
	-895 Aug 12 j 19:53	0°♌	
morning set	-895 Aug 14 j 23:51	4°♌01'33	
superior conj	-895 Aug 24 j 21:49	22°♌14'14	1°33'20
minimum elong	-895 Aug 25 j 01:39	22°♌31'20	1°33'02
	-895 Aug 29 j 08:08	0°♍	
max. Earth dist.	-895 Sep 01 j 12:35	5°♍24'48	1.41576 AU
evening rise	-895 Sep 07 j 02:19	14°♍34'05	
desc. node	-895 Sep 10 j 04:19	19°♍28'30	
	-895 Sep 17 j 00:33	0°♎	
greatest brilliancy	-895 Oct 05 j 14:04	25°♎44'50	-0.3m
	-895 Oct 09 j 07:06	0°♏	
evening max el	-895 Oct 10 j 10:23	1°♏10'56	22°37'35
retrograde	-895 Oct 20 j 05:35	7°♏00'28	
evening set	-895 Oct 24 j 20:08	5°♏09'09	
asc. node	-895 Oct 27 j 20:58	1°♏56'25	
	-895 Oct 29 j 08:13	30°℞♎	
inferior conj	-895 Oct 30 j 05:17	28°♎47'26	0°48'10

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-895 Oct	30 j 04:11	28°♎51'15	0°47'41
min. Earth dist.	-895 Oct	30 j 02:03	28°♎58'35	0.67610 AU
morning rise	-895 Nov	04 j 12:09	22°♎33'36	
direct	-895 Nov	08 j 23:12	20°♎46'06	
morning max el	-895 Nov	18 j 05:00	26°♎13'47	22°03'05
	-895 Nov	21 j 15:11	0°♏	
greatest brilliancy	-895 Nov	22 j 22:46	1°♏35'00	-0.4m
desc. node	-895 Dec	07 j 03:36	21°♏08'05	
	-895 Dec	13 j 01:04	0°♐	
morning set	-895 Dec	20 j 21:58	12°♐20'33	
max. Earth dist.	-895 Dec	26 j 21:22	22°♐08'13	1.41201 AU
	-895 Dec	31 j 12:15	0°♑	
superior conj	-894 Jan	03 j 14:53	5°♑26'36	-2°00'-29
minimum elong	-894 Jan	03 j 14:48	5°♑26'15	2°00'30
evening rise	-894 Jan	14 j 02:19	24°♑34'23	
	-894 Jan	17 j 00:38	0°♒	
asc. node	-894 Jan	23 j 20:18	11°♒54'41	
evening max el	-894 Jan	30 j 09:11	20°♒32'35	18°14'27
retrograde	-894 Feb	06 j 09:41	24°♒03'37	
evening set	-894 Feb	08 j 22:38	23°♒36'52	
inferior conj	-894 Feb	15 j 23:02	18°♒50'46	3°41'10
minimum elong	-894 Feb	16 j 01:16	18°♒45'48	3°40'55
min. Earth dist.	-894 Feb	19 j 07:35	15°♒54'20	0.59938 AU
morning rise	-894 Feb	23 j 00:36	13°♒11'50	
direct	-894 Mar	01 j 14:40	11°♒11'39	
desc. node	-894 Mar	05 j 02:46	11°♒43'57	
morning max el	-894 Mar	15 j 21:14	18°♒56'50	27°20'42
	-894 Mar	25 j 05:40	0°♓	
	-894 Apr	12 j 05:38	0°♈	
morning set	-894 Apr	16 j 02:18	7°♈47'57	
asc. node	-894 Apr	21 j 19:39	20°♈02'04	
max. Earth dist.	-894 Apr	22 j 16:31	21°♈56'07	1.32386 AU
superior conj	-894 Apr	23 j 06:37	23°♈13'24	0°15'22
minimum elong	-894 Apr	23 j 05:56	23°♈09'37	0°15'14
behind sun begin	-894 Apr	23 j 04:36	23°♈02'18	
behind sun end	-894 Apr	23 j 07:16	23°♈16'57	
	-894 Apr	26 j 08:53	0°♉	
evening rise	-894 Apr	30 j 05:27	8°♉17'12	
	-894 May	11 j 13:31	0°♊	
evening max el	-894 May	28 j 02:41	22°♊13'48	25°49'29
desc. node	-894 Jun	01 j 02:01	25°♊35'14	
retrograde	-894 Jun	11 j 04:17	29°♊27'01	
evening set	-894 Jun	17 j 04:00	28°♊00'50	
min. Earth dist.	-894 Jun	21 j 15:09	25°♊20'26	0.58631 AU
inferior conj	-894 Jun	24 j 22:24	22°♊55'45	-4°-38'-42
minimum elong	-894 Jun	24 j 21:36	22°♊57'14	4°38'41
morning rise	-894 Jul	02 j 18:58	18°♊32'05	
direct	-894 Jul	05 j 06:39	18°♊11'55	
morning max el	-894 Jul	13 j 09:47	22°♊03'00	18°38'30
asc. node	-894 Jul	18 j 18:53	28°♊36'47	
	-894 Jul	19 j 16:57	0°♋	
morning set	-894 Jul	29 j 16:02	17°♋55'52	
	-894 Aug	04 j 21:37	0°♌	
superior conj	-894 Aug	07 j 12:22	4°♌57'32	1°45'23
minimum elong	-894 Aug	07 j 13:56	5°♌04'52	1°45'21
max. Earth dist.	-894 Aug	14 j 16:28	17°♌59'55	1.39618 AU
evening rise	-894 Aug	18 j 20:52	25°♌12'09	
	-894 Aug	21 j 18:01	0°♍	
desc. node	-894 Aug	28 j 01:22	10°♍03'53	
	-894 Sep	10 j 18:14	0°♎	
evening max el	-894 Sep	22 j 23:29	14°♎42'14	23°57'56
retrograde	-894 Oct	03 j 21:25	21°♎07'37	
evening set	-894 Oct	09 j 02:04	18°♎57'59	
inferior conj	-894 Oct	14 j 11:56	12°♎34'37	0°-5'-15
minimum elong	-894 Oct	14 j 12:04	12°♎34'11	0°05'13
transit middle	-894 Oct	14 j 12:04	12°♎34'11	0°05'13
transit begin	-894 Oct	14 j 09:29	12°♎42'56	
transit end	-894 Oct	14 j 14:39	12°♎25'26	
min. Earth dist.	-894 Oct	13 j 22:28	13°♎20'22	0.67497 AU
asc. node	-894 Oct	14 j 18:03	12°♎13'55	
morning rise	-894 Oct	19 j 22:16	6°♎25'16	
direct	-894 Oct	23 j 19:42	4°♎59'12	
morning max el	-894 Oct	31 j 23:48	9°♎44'44	20°44'28
greatest brilliancy	-894 Nov	06 j 22:47	16°♎46'14	-0.5m
	-894 Nov	16 j 09:08	0°♏	
desc. node	-894 Nov	24 j 00:38	11°♏26'45	
morning set	-894 Nov	30 j 00:34	20°♏40'26	
	-894 Dec	05 j 22:40	0°♐	
max. Earth dist.	-894 Dec	09 j 02:28	5°♐04'31	1.43018 AU
superior conj	-894 Dec	15 j 17:54	16°♐01'26	-1°-52'-41
minimum elong	-894 Dec	15 j 13:20	15°♐42'15	1°52'28
	-894 Dec	23 j 21:19	0°♑	
evening rise	-894 Dec	27 j 19:09	6°♑53'51	
asc. node	-893 Jan	10 j 17:20	29°♑58'37	
	-893 Jan	10 j 17:45	0°♒	
evening max el	-893 Jan	13 j 20:41	3°♒39'49	18°08'01
retrograde	-893 Jan	20 j 10:27	7°♒05'19	
evening set	-893 Jan	23 j 03:26	6°♒29'58	
inferior conj	-893 Jan	29 j 15:07	1°♒22'26	3°53'19
minimum elong	-893 Jan	29 j 15:01	1°♒22'39	3°53'18
	-893 Jan	30 j 23:35	30°℞♑	
min. Earth dist.	-893 Feb	01 j 13:22	28°♑26'08	0.61998 AU
morning rise	-893 Feb	05 j 00:18	25°♑28'55	
direct	-893 Feb	11 j 23:54	22°♑57'38	
desc. node	-893 Feb	19 j 23:49	25°♑46'10	
	-893 Feb	25 j 05:08	0°♒	
morning max el	-893 Feb	26 j 00:52	0°♒47'49	27°45'48
	-893 Mar	19 j 07:44	0°♓	
morning set	-893 Mar	31 j 06:18	22°♓18'47	
	-893 Apr	03 j 22:56	0°♈	
max. Earth dist.	-893 Apr	06 j 02:44	4°♈37'14	1.32653 AU
superior conj	-893 Apr	07 j 16:52	8°♈03'41	0°-10'-28
minimum elong	-893 Apr	07 j 17:21	8°♈06'21	0°10'23
behind sun begin	-893 Apr	07 j 13:26	7°♈45'07	
behind sun end	-893 Apr	07 j 21:15	8°♈27'35	
asc. node	-893 Apr	08 j 16:41	10°♈13'21	
evening rise	-893 Apr	14 j 17:01	23°♈12'32	
	-893 Apr	17 j 23:54	0°♉	
	-893 May	06 j 19:46	0°♊	
evening max el	-893 May	09 j 18:45	3°♊05'18	24°24'09
desc. node	-893 May	18 j 23:04	9°♊15'04	
retrograde	-893 May	23 j 16:43	10°♊06'21	
evening set	-893 May	28 j 08:33	9°♊17'44	
min. Earth dist.	-893 Jun	03 j 06:18	6°♊20'08	0.56780 AU
inferior conj	-893 Jun	05 j 23:14	4°♊36'51	-4°-12'-2
minimum elong	-893 Jun	05 j 18:02	4°♊45'12	4°11'12
morning rise	-893 Jun	14 j 07:21	0°♊32'33	
direct	-893 Jun	16 j 21:14	0°♊14'27	
morning max el	-893 Jun	26 j 08:06	4°♊37'52	19°31'38
asc. node	-893 Jul	05 j 15:57	17°♊08'21	
	-893 Jul	12 j 13:18	0°♋	
morning set	-893 Jul	13 j 16:40	2°♋16'22	
superior conj	-893 Jul	21 j 19:06	18°♋29'48	1°47'23
minimum elong	-893 Jul	21 j 18:40	18°♋27'38	1°47'23
	-893 Jul	27 j 19:23	0°♌	
max. Earth dist.	-893 Jul	27 j 19:27	0°♌00'19	1.37641 AU
evening rise	-893 Jul	31 j 16:06	7°♌01'10	
desc. node	-893 Aug	14 j 22:24	0°♍26'56	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-893 Aug 14 j 15:18	0°♍	
evening max el	-893 Sep 05 j 11:02	28°♍17'31	25°14'34
	-893 Sep 07 j 06:45	0°♎	
retrograde	-893 Sep 17 j 08:57	5°♎10'34	
evening set	-893 Sep 23 j 04:31	2°♎43'51	
	-893 Sep 25 j 20:06	30°℞♍	
min. Earth dist.	-893 Sep 27 j 16:23	27°♍41'41	0.67066 AU
inferior conj	-893 Sep 28 j 16:33	26°♍22'51	-1°00'-25
minimum elong	-893 Sep 28 j 18:03	26°♍17'58	0°59'48
asc. node	-893 Oct 01 j 15:06	22°♍45'57	
morning rise	-893 Oct 04 j 08:07	20°♍21'07	
direct	-893 Oct 07 j 17:58	19°♍13'48	
morning max el	-893 Oct 15 j 02:13	23°♍25'26	19°38'22
	-893 Oct 20 j 13:47	0°♎	
greatest brilliancy	-893 Oct 23 j 11:25	4°♎01'17	-0.6m
morning set	-893 Nov 08 j 22:41	28°♎55'58	
	-893 Nov 09 j 15:12	0°♏	
desc. node	-893 Nov 10 j 21:41	1°♏58'16	
max. Earth dist.	-893 Nov 21 j 15:14	18°♏48'15	1.44319 AU
superior conj	-893 Nov 25 j 17:57	25°♏22'18	-1°-27'-16
minimum elong	-893 Nov 25 j 10:00	24°♏50'22	1°26'32
	-893 Nov 28 j 14:44	0°♐	
evening rise	-893 Dec 09 j 16:37	18°♐20'45	
	-893 Dec 16 j 14:52	0°♑	
evening max el	-893 Dec 28 j 09:18	16°♑58'58	18°20'33
asc. node	-893 Dec 28 j 14:23	17°♑11'43	
retrograde	-892 Jan 03 j 21:38	20°♑31'26	
evening set	-892 Jan 06 j 19:04	19°♑46'25	
inferior conj	-892 Jan 12 j 21:04	14°♑18'48	3°44'38
minimum elong	-892 Jan 12 j 19:17	14°♑23'52	3°44'26
min. Earth dist.	-892 Jan 15 j 04:34	11°♑42'46	0.63831 AU
morning rise	-892 Jan 18 j 17:59	8°♑15'42	
direct	-892 Jan 25 j 16:50	5°♑27'35	
desc. node	-892 Feb 06 j 20:51	11°♑49'44	
morning max el	-892 Feb 08 j 08:51	13°♑16'10	27°34'23
	-892 Feb 21 j 20:45	0°♒	
	-892 Mar 10 j 19:54	0°♓	
morning set	-892 Mar 14 j 03:12	6°♓24'39	
max. Earth dist.	-892 Mar 19 j 06:34	16°♓54'19	1.33325 AU
superior conj	-892 Mar 21 j 23:53	22°♓40'06	0°-36'-55
minimum elong	-892 Mar 22 j 01:38	22°♓49'26	0°36'35
	-892 Mar 25 j 09:52	0°♈	
asc. node	-892 Mar 25 j 13:44	0°♈20'46	
evening rise	-892 Mar 29 j 04:36	8°♈03'36	
	-892 Apr 09 j 19:53	0°♉	
evening max el	-892 Apr 20 j 10:14	13°♉41'18	22°49'04
retrograde	-892 May 03 j 16:05	20°♉14'11	
desc. node	-892 May 04 j 20:04	20°♉11'08	
evening set	-892 May 06 j 22:58	19°♉50'32	
min. Earth dist.	-892 May 14 j 19:13	16°♉23'35	0.55487 AU
inferior conj	-892 May 16 j 05:05	15°♉34'56	-3°-1'-22
minimum elong	-892 May 15 j 22:10	15°♉44'54	2°59'26
morning rise	-892 May 25 j 00:04	11°♉40'42	
direct	-892 May 27 j 17:55	11°♉23'02	
morning max el	-892 Jun 07 j 19:39	16°♉31'47	20°45'17
	-892 Jun 18 j 00:55	0°♊	
asc. node	-892 Jun 21 j 13:00	6°♊13'57	
morning set	-892 Jun 26 j 23:02	16°♊55'38	
	-892 Jul 03 j 06:37	0°♋	
superior conj	-892 Jul 04 j 13:21	2°♋37'46	1°41'31
minimum elong	-892 Jul 04 j 11:34	2°♋28'39	1°41'24
max. Earth dist.	-892 Jul 09 j 03:26	11°♋49'41	1.35866 AU
evening rise	-892 Jul 13 j 07:58	19°♋50'48	
	-892 Jul 18 j 23:12	0°♌	
desc. node	-892 Jul 31 j 19:26	20°♌31'30	
	-892 Aug 07 j 15:31	0°♍	
evening max el	-892 Aug 17 j 22:36	11°♍53'03	26°19'40
retrograde	-892 Aug 30 j 15:30	19°♍03'44	
evening set	-892 Sep 06 j 01:27	16°♍23'48	
min. Earth dist.	-892 Sep 10 j 05:21	11°♍59'15	0.66298 AU
inferior conj	-892 Sep 11 j 17:12	10°♍09'05	-1°-55'-39
minimum elong	-892 Sep 11 j 20:05	10°♍00'15	1°54'32
morning rise	-892 Sep 17 j 15:40	4°♍18'11	
asc. node	-892 Sep 17 j 12:10	4°♍23'18	
direct	-892 Sep 20 j 16:07	3°♍26'15	
morning max el	-892 Sep 27 j 11:20	7°♍13'38	18°47'22
	-892 Oct 13 j 11:26	0°♎	
morning set	-892 Oct 18 j 15:34	8°♎12'13	
desc. node	-892 Oct 27 j 18:42	22°♎38'09	
	-892 Nov 01 j 11:02	0°♏	
superior conj	-892 Nov 03 j 21:28	3°♏49'50	0°-45'-13
minimum elong	-892 Nov 03 j 15:42	3°♏27'06	0°44'30
max. Earth dist.	-892 Nov 03 j 08:54	3°♏00'24	1.44947 AU
evening rise	-892 Nov 19 j 14:54	28°♏48'33	
	-892 Nov 20 j 08:40	0°♐	
	-892 Dec 10 j 11:22	0°♑	
evening max el	-892 Dec 10 j 20:20	0°♑23'30	18°51'05
asc. node	-892 Dec 14 j 11:25	3°♑19'17	
retrograde	-892 Dec 17 j 15:15	4°♑13'31	
evening set	-892 Dec 20 j 18:13	3°♑17'32	
	-892 Dec 24 j 11:29	30°℞♐	
inferior conj	-892 Dec 26 j 13:10	27°♐32'15	3°21'10
minimum elong	-892 Dec 26 j 10:29	27°♐40'31	3°20'37
min. Earth dist.	-892 Dec 28 j 05:25	25°♐28'32	0.65314 AU
morning rise	-891 Jan 01 j 01:45	21°♐22'31	
direct	-891 Jan 07 j 16:21	18°♐32'20	
morning max el	-891 Jan 20 j 18:34	26°♐10'44	26°50'44
desc. node	-891 Jan 23 j 17:53	29°♐20'08	
	-891 Jan 24 j 07:59	0°♑	
	-891 Feb 14 j 10:00	0°♒	
morning set	-891 Feb 25 j 13:39	19°♒54'30	
max. Earth dist.	-891 Mar 02 j 00:18	28°♒37'29	1.34427 AU
	-891 Mar 02 j 16:40	0°♓	
superior conj	-891 Mar 06 j 01:34	6°♓55'18	-1°-2'-51
minimum elong	-891 Mar 06 j 04:28	7°♓10'21	1°02'22
asc. node	-891 Mar 12 j 10:45	20°♓19'31	
evening rise	-891 Mar 13 j 14:20	22°♓43'17	
	-891 Mar 17 j 04:19	0°♈	
evening max el	-891 Apr 02 j 07:54	24°♈30'45	21°18'34
	-891 Apr 11 j 12:46	0°♉	
retrograde	-891 Apr 14 j 06:27	0°♉18'02	
evening set	-891 Apr 16 j 15:58	0°♉04'49	
	-891 Apr 17 j 01:50	30°℞♈	
desc. node	-891 Apr 21 j 17:04	28°♈21'58	
inferior conj	-891 Apr 26 j 00:03	26°♈05'05	-1°-12'-58
minimum elong	-891 Apr 25 j 20:37	26°♈09'55	1°11'47
min. Earth dist.	-891 Apr 26 j 08:13	25°♈53'37	0.55026 AU
morning rise	-891 May 05 j 01:20	22°♈03'46	
direct	-891 May 08 j 04:36	21°♈42'24	
morning max el	-891 May 20 j 20:31	27°♈43'55	22°16'11
	-891 May 23 j 02:24	0°♉	
asc. node	-891 Jun 08 j 10:02	25°♉45'06	
	-891 Jun 10 j 12:14	0°♊	
morning set	-891 Jun 11 j 09:01	1°♊47'40	
superior conj	-891 Jun 18 j 15:35	17°♊11'00	1°29'35
minimum elong	-891 Jun 18 j 13:08	16°♊58'09	1°29'19
max. Earth dist.	-891 Jun 21 j 20:14	23°♊50'35	1.34429 AU
	-891 Jun 24 j 21:14	0°♋	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening rise	-891 Jun 26 j 15:29	3°♋27'49	
	-891 Jul 11 j 19:01	0°♌	
desc. node	-891 Jul 18 j 16:26	10°♌09'30	
evening max el	-891 Jul 31 j 10:18	25°♌21'02	27°05'30
	-891 Aug 06 j 03:02	0°♍	
retrograde	-891 Aug 13 j 16:52	2°♍40'21	
	-891 Aug 20 j 11:53	30°℞♌	
evening set	-891 Aug 20 j 14:32	29°♌54'42	
min. Earth dist.	-891 Aug 24 j 11:05	26°♌08'00	0.65165 AU
inferior conj	-891 Aug 26 j 11:49	23°♌49'47	-2°-48'-51
minimum elong	-891 Aug 26 j 15:51	23°♌38'23	2°47'30
morning rise	-891 Sep 01 j 18:39	18°♌12'59	
asc. node	-891 Sep 04 j 09:12	17°♌32'56	
direct	-891 Sep 04 j 12:05	17°♌32'52	
morning max el	-891 Sep 11 j 01:03	21°♌05'13	18°12'50
	-891 Sep 17 j 21:19	0°♍	
morning set	-891 Sep 29 j 12:44	18°♍52'13	
	-891 Oct 06 j 07:32	0°♎	
superior conj	-891 Oct 14 j 00:12	12°♎21'30	0°04'16
minimum elong	-891 Oct 14 j 00:44	12°♎23'38	0°04'11
behind sun begin	-891 Oct 13 j 14:05	11°♎41'18	
behind sun end	-891 Oct 14 j 11:23	13°♎05'55	
desc. node	-891 Oct 14 j 15:45	13°♎23'13	
max. Earth dist.	-891 Oct 17 j 03:39	17°♎20'07	1.44836 AU
	-891 Oct 25 j 05:34	0°♏	
evening rise	-891 Oct 30 j 13:54	8°♏19'47	
	-891 Nov 13 j 16:26	0°♐	
greatest brilliancy	-891 Nov 16 j 00:00	3°♐23'39	-0.7m
evening max el	-891 Nov 24 j 03:41	13°♐50'33	19°38'12
asc. node	-891 Dec 01 j 08:26	18°♐06'48	
retrograde	-891 Dec 01 j 12:07	18°♐06'57	
evening set	-891 Dec 04 j 22:21	16°♐58'12	
inferior conj	-891 Dec 10 j 12:24	10°♐58'20	2°47'06
minimum elong	-891 Dec 10 j 09:32	11°♐07'43	2°46'16
min. Earth dist.	-891 Dec 11 j 14:43	9°♐32'09	0.66416 AU
morning rise	-891 Dec 15 j 20:01	4°♐44'21	
direct	-891 Dec 21 j 21:51	2°♐03'57	
morning max el	-890 Jan 03 j 03:52	9°♐19'39	25°42'33
desc. node	-890 Jan 10 j 14:56	17°♐52'22	
	-890 Jan 19 j 12:12	0°♑	
	-890 Feb 06 j 23:00	0°♒	
morning set	-890 Feb 08 j 09:15	2°♒35'27	
max. Earth dist.	-890 Feb 12 j 06:07	9°♒49'12	1.35974 AU
superior conj	-890 Feb 17 j 19:20	20°♒41'51	-1°-26'-41
minimum elong	-890 Feb 17 j 22:57	21°♒00'03	1°26'13
	-890 Feb 22 j 09:06	0°♓	
evening rise	-890 Feb 25 j 20:12	7°♓05'17	
asc. node	-890 Feb 27 j 07:46	10°♓05'01	
	-890 Mar 10 j 16:05	0°♈	
evening max el	-890 Mar 15 j 16:13	5°♈54'06	20°02'20
retrograde	-890 Mar 25 j 22:11	10°♈48'27	
evening set	-890 Mar 28 j 01:39	10°♈36'30	
inferior conj	-890 Apr 05 j 22:14	6°♈36'45	0°44'55
minimum elong	-890 Apr 06 j 00:12	6°♈33'46	0°44'15
min. Earth dist.	-890 Apr 07 j 22:23	5°♈24'03	0.55520 AU
desc. node	-890 Apr 08 j 14:06	5°♈00'55	
morning rise	-890 Apr 14 j 19:53	2°♈09'52	
direct	-890 Apr 18 j 19:10	1°♈35'14	
morning max el	-890 May 02 j 13:40	8°♈24'33	23°56'15
	-890 May 18 j 06:42	0°♉	
asc. node	-890 May 26 j 07:04	15°♉34'26	
morning set	-890 May 26 j 20:46	16°♉46'06	
	-890 Jun 02 j 00:44	0°♊	
superior conj	-890 Jun 02 j 23:00	2°♊00'13	1°12'57
minimum elong	-890 Jun 02 j 20:31	1°♊46'46	1°12'34
max. Earth dist.	-890 Jun 04 j 22:17	6°♊13'45	1.33382 AU
evening rise	-890 Jun 10 j 10:17	17°♊39'09	
	-890 Jun 16 j 20:27	0°♋	
desc. node	-890 Jul 05 j 13:27	29°♋09'09	
	-890 Jul 06 j 05:31	0°♌	
evening max el	-890 Jul 13 j 20:55	8°♌29'53	27°25'08
retrograde	-890 Jul 27 j 12:32	15°♌50'48	
evening set	-890 Aug 03 j 16:39	13°♌10'46	
min. Earth dist.	-890 Aug 07 j 07:45	9°♌58'15	0.63665 AU
inferior conj	-890 Aug 09 j 21:51	7°♌18'57	-3°-37'-3
minimum elong	-890 Aug 10 j 02:24	7°♌07'15	3°35'53
morning rise	-890 Aug 16 j 14:14	1°♌59'21	
direct	-890 Aug 19 j 03:07	1°♌27'45	
asc. node	-890 Aug 22 j 06:16	2°♌16'23	
morning max el	-890 Aug 25 j 16:35	4°♌53'28	17°55'37
morning set	-890 Sep 11 j 11:46	0°♍46'09	
	-890 Sep 11 j 01:07	0°♍	
superior conj	-890 Sep 23 j 22:20	21°♍52'31	0°48'42
minimum elong	-890 Sep 24 j 03:02	22°♍11'53	0°48'05
	-890 Sep 28 j 22:15	0°♎	
max. Earth dist.	-890 Sep 29 j 20:12	1°♎28'01	1.44014 AU
desc. node	-890 Oct 01 j 12:47	4°♎09'46	
evening rise	-890 Oct 09 j 21:35	17°♎14'59	
	-890 Oct 18 j 06:24	0°♏	
greatest brilliancy	-890 Nov 01 j 08:02	20°♏15'05	-0.5m
evening max el	-890 Nov 07 j 05:48	27°♏18'17	20°39'50
	-890 Nov 10 j 05:30	0°♐	
retrograde	-890 Nov 15 j 09:43	2°♐07'50	
asc. node	-890 Nov 18 j 05:28	1°♐22'20	
evening set	-890 Nov 19 j 05:18	0°♐44'12	
	-890 Nov 20 j 02:54	30°℞♏	
inferior conj	-890 Nov 24 j 16:14	24°♏33'11	2°05'15
minimum elong	-890 Nov 24 j 13:45	24°♏41'40	2°04'21
min. Earth dist.	-890 Nov 25 j 06:12	23°♏45'37	0.67145 AU
morning rise	-890 Nov 29 j 21:43	18°♏17'19	
direct	-890 Dec 05 j 08:41	15°♏54'43	
morning max el	-890 Dec 16 j 12:17	22°♏33'55	24°19'43
	-890 Dec 23 j 01:02	0°♐	
desc. node	-890 Dec 28 j 12:00	7°♐08'23	
	-889 Jan 12 j 20:22	0°♑	
morning set	-889 Jan 21 j 08:14	14°♑11'28	
max. Earth dist.	-889 Jan 25 j 02:48	20°♑52'33	1.37901 AU
	-889 Jan 30 j 01:22	0°♒	
superior conj	-889 Feb 01 j 01:51	3°♒50'56	-1°-46'-12
minimum elong	-889 Feb 01 j 05:19	4°♒07'37	1°45'55
evening rise	-889 Feb 09 j 19:55	21°♒03'13	
asc. node	-889 Feb 14 j 04:48	29°♒32'02	
	-889 Feb 14 j 10:45	0°♓	
evening max el	-889 Feb 26 j 11:32	17°♓55'58	19°04'46
retrograde	-889 Mar 07 j 03:01	22°♓05'16	
evening set	-889 Mar 09 j 09:15	21°♓49'27	
inferior conj	-889 Mar 17 j 12:03	17°♓36'10	2°20'58
minimum elong	-889 Mar 17 j 16:32	17°♓28'24	2°19'44
min. Earth dist.	-889 Mar 20 j 14:07	15°♓28'45	0.56860 AU
morning rise	-889 Mar 25 j 19:42	12°♓37'04	
desc. node	-889 Mar 26 j 11:08	12°♓22'46	
direct	-889 Mar 30 j 22:32	11°♓35'24	
morning max el	-889 Apr 14 j 04:29	18°♓56'35	25°32'28
	-889 Apr 23 j 11:12	0°♈	
	-889 May 10 j 12:30	0°♉	
morning set	-889 May 11 j 08:41	1°♉45'36	
asc. node	-889 May 13 j 04:08	5°♉36'26	
superior conj	-889 May 18 j 09:33	16°♉58'23	0°52'40

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-889 May 18 j 07:28	16°♉47'03	0°52'18
max. Earth dist.	-889 May 19 j 07:28	18°♉57'56	1.32719 AU
	-889 May 24 j 11:06	0°♊	
evening rise	-889 May 25 j 13:00	2°♊14'24	
	-889 Jun 09 j 17:56	0°♋	
desc. node	-889 Jun 22 j 10:26	17°♋14'25	
evening max el	-889 Jun 26 j 04:20	21°♋07'40	27°13'20
retrograde	-889 Jul 10 j 01:31	28°♋26'07	
evening set	-889 Jul 17 j 03:53	26°♋05'34	
min. Earth dist.	-889 Jul 20 j 18:23	23°♋17'54	0.61844 AU
inferior conj	-889 Jul 23 j 20:14	20°♋29'52	-4°-15'-42
minimum elong	-889 Jul 24 j 00:09	20°♋20'56	4°15'05
morning rise	-889 Jul 30 j 23:07	15°♋30'24	
direct	-889 Aug 02 j 09:59	15°♋04'32	
asc. node	-889 Aug 09 j 03:21	18°♋22'52	
morning max el	-889 Aug 09 j 07:06	18°♋31'56	17°56'44
	-889 Aug 17 j 14:23	0°♌	
morning set	-889 Aug 25 j 06:51	13°♌37'43	
	-889 Sep 03 j 10:04	0°♍	
superior conj	-889 Sep 04 j 23:51	2°♍44'20	1°20'54
minimum elong	-889 Sep 05 j 04:42	3°♍05'18	1°20'25
max. Earth dist.	-889 Sep 12 j 08:27	15°♍08'45	1.42597 AU
desc. node	-889 Sep 18 j 09:49	24°♍54'37	
evening rise	-889 Sep 19 j 07:18	26°♍19'19	
	-889 Sep 21 j 15:46	0°♎	
	-889 Oct 12 j 04:08	0°♏	
greatest brilliancy	-889 Oct 16 j 07:05	5°♏19'26	-0.4m
evening max el	-889 Oct 21 j 02:07	10°♏46'23	21°52'37
retrograde	-889 Oct 30 j 06:04	16°♏13'18	
evening set	-889 Nov 03 j 13:10	14°♏32'34	
asc. node	-889 Nov 05 j 02:32	13°♏05'54	
inferior conj	-889 Nov 08 j 22:34	8°♏13'56	1°17'36
minimum elong	-889 Nov 08 j 20:52	8°♏19'50	1°16'53
min. Earth dist.	-889 Nov 09 j 01:27	8°♏04'00	0.67534 AU
morning rise	-889 Nov 14 j 04:19	1°♏58'42	
	-889 Nov 18 j 08:24	30°℞♎	
direct	-889 Nov 18 j 23:59	29°♎57'57	
	-889 Nov 19 j 15:50	0°♏	
morning max el	-889 Nov 28 j 22:04	5°♏51'39	22°52'08
greatest brilliancy	-889 Dec 03 j 15:26	11°♏08'57	-0.3m
desc. node	-889 Dec 15 j 09:04	26°♏55'13	
	-889 Dec 17 j 11:53	0°♐	
morning set	-888 Jan 02 j 04:18	24°♐25'53	
	-888 Jan 05 j 12:10	0°♑	
max. Earth dist.	-888 Jan 06 j 22:17	2°♑25'27	1.40017 AU
superior conj	-888 Jan 14 j 16:36	16°♑10'12	-1°-58'-22
minimum elong	-888 Jan 14 j 18:24	16°♑18'23	1°58'19
	-888 Jan 22 j 02:04	0°♒	
evening rise	-888 Jan 24 j 10:32	4°♒29'00	
asc. node	-888 Feb 01 j 01:51	18°♒33'21	
	-888 Feb 09 j 03:41	0°♓	
evening max el	-888 Feb 09 j 15:26	0°♓29'19	18°27'02
retrograde	-888 Feb 17 j 02:36	4°♓09'30	
evening set	-888 Feb 19 j 13:21	3°♓47'02	
	-888 Feb 25 j 23:11	30°℞♒	
inferior conj	-888 Feb 26 j 22:32	29°♒13'16	3°21'39
minimum elong	-888 Feb 27 j 02:05	29°♒06'04	3°21'01
min. Earth dist.	-888 Mar 01 j 08:50	26°♒28'11	0.58750 AU
morning rise	-888 Mar 05 j 11:06	23°♒46'42	
direct	-888 Mar 11 j 14:56	22°♒08'19	
desc. node	-888 Mar 12 j 08:12	22°♒09'39	
morning max el	-888 Mar 25 j 22:32	29°♒46'27	26°49'48
	-888 Mar 26 j 04:03	0°♓	
	-888 Apr 16 j 06:46	0°♈	
morning set	-888 Apr 24 j 19:03	16°♈39'11	
asc. node	-888 Apr 29 j 01:12	25°♈45'17	
	-888 Apr 30 j 23:48	0°♉	
superior conj	-888 May 01 j 21:17	1°♉57'57	0°29'36
minimum elong	-888 May 01 j 20:01	1°♉50'56	0°29'21
max. Earth dist.	-888 May 01 j 20:11	1°♉51'53	1.32414 AU
evening rise	-888 May 08 j 20:50	17°♉03'18	
	-888 May 15 j 08:33	0°♊	
	-888 Jun 04 j 06:37	0°♋	
evening max el	-888 Jun 07 j 05:58	3°♋03'11	26°28'35
desc. node	-888 Jun 08 j 07:27	4°♋02'11	
retrograde	-888 Jun 21 j 06:22	10°♋18'05	
evening set	-888 Jun 27 j 19:41	8°♋29'49	
min. Earth dist.	-888 Jul 01 j 19:08	5°♋52'05	0.59816 AU
inferior conj	-888 Jul 05 j 03:24	3°♋13'05	-4°-37'-40
minimum elong	-888 Jul 05 j 04:52	3°♋10'09	4°37'35
	-888 Jul 09 j 14:46	30°℞♊	
morning rise	-888 Jul 12 j 17:22	28°♊36'08	
direct	-888 Jul 15 j 04:29	28°♊14'06	
	-888 Jul 20 j 10:20	0°♋	
morning max el	-888 Jul 22 j 17:38	1°♋52'54	18°17'24
asc. node	-888 Jul 26 j 00:26	5°♋36'58	
morning set	-888 Aug 07 j 16:35	27°♋12'22	
	-888 Aug 09 j 03:54	0°♌	
superior conj	-888 Aug 17 j 02:30	14°♌51'08	1°39'50
minimum elong	-888 Aug 17 j 05:23	15°♌04'18	1°39'40
max. Earth dist.	-888 Aug 24 j 15:34	28°♌10'53	1.40764 AU
	-888 Aug 25 j 17:13	0°♍	
evening rise	-888 Aug 29 j 11:31	6°♍16'17	
desc. node	-888 Sep 04 j 06:50	15°♍34'27	
	-888 Sep 13 j 20:17	0°♎	
greatest brilliancy	-888 Sep 26 j 20:08	17°♎37'41	-0.2m
evening max el	-888 Oct 02 j 17:21	24°♎16'03	23°11'51
	-888 Oct 10 j 19:31	0°♏	
retrograde	-888 Oct 12 j 23:47	0°♏20'52	
	-888 Oct 15 j 01:27	30°℞♎	
evening set	-888 Oct 17 j 20:17	28°♎21'40	
asc. node	-888 Oct 21 j 23:36	23°♎41'19	
inferior conj	-888 Oct 23 j 05:35	21°♎59'00	0°25'49
minimum elong	-888 Oct 23 j 04:58	22°♎01'05	0°25'33
min. Earth dist.	-888 Oct 22 j 22:00	22°♎25'04	0.67599 AU
morning rise	-888 Oct 28 j 13:42	15°♎46'58	
direct	-888 Nov 01 j 18:50	14°♎08'45	
morning max el	-888 Nov 10 j 12:54	19°♎17'07	21°28'28
greatest brilliancy	-888 Nov 15 j 15:26	25°♎08'13	-0.4m
	-888 Nov 19 j 08:48	0°♏	
desc. node	-888 Dec 01 j 06:08	17°♏04'15	
	-888 Dec 09 j 16:58	0°♐	
morning set	-888 Dec 11 j 19:36	3°♐18'54	
max. Earth dist.	-888 Dec 18 j 23:44	14°♐53'12	1.42023 AU
superior conj	-888 Dec 26 j 10:13	27°♐26'36	-1°-59'-9
minimum elong	-888 Dec 26 j 08:21	27°♐18'32	1°59'08
	-888 Dec 27 j 21:31	0°♑	
evening rise	-887 Jan 06 j 12:31	17°♑15'20	
	-887 Jan 13 j 15:06	0°♒	
asc. node	-887 Jan 17 j 22:54	7°♒01'04	
evening max el	-887 Jan 23 j 00:58	13°♒26'16	18°09'16
retrograde	-887 Jan 29 j 19:35	16°♒53'21	
evening set	-887 Feb 01 j 10:19	16°♒22'57	
inferior conj	-887 Feb 08 j 04:51	11°♒27'16	3°49'19
minimum elong	-887 Feb 08 j 06:04	11°♒24'24	3°49'13
min. Earth dist.	-887 Feb 11 j 09:43	8°♒28'22	0.60832 AU
morning rise	-887 Feb 14 j 23:01	5°♒41'21	
direct	-887 Feb 21 j 18:23	3°♒26'57	
desc. node	-887 Feb 27 j 05:16	4°♒45'21	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning max el	-887 Mar 07 j 22:55	11°♒14'10	27°35'55
	-887 Mar 22 j 15:50	0°♓	
	-887 Apr 08 j 10:18	0°♈	
morning set	-887 Apr 09 j 02:00	1°♈20'34	
max. Earth dist.	-887 Apr 15 j 08:38	14°♈42'30	1.32463 AU
asc. node	-887 Apr 15 j 22:14	15°♈56'46	
superior conj	-887 Apr 16 j 08:34	16°♈53'11	0°04'34
minimum elong	-887 Apr 16 j 08:21	16°♈52'03	0°04'31
behind sun begin	-887 Apr 16 j 03:29	16°♈25'27	
behind sun end	-887 Apr 16 j 13:13	17°♈18'39	
	-887 Apr 22 j 09:19	0°♉	
evening rise	-887 Apr 23 j 07:36	1°♉58'14	
	-887 May 08 j 14:26	0°♊	
evening max el	-887 May 20 j 00:43	14°♊14'09	25°15'06
desc. node	-887 May 26 j 04:29	19°♊01'22	
retrograde	-887 Jun 03 j 01:22	21°♊23'17	
evening set	-887 Jun 08 j 12:47	20°♊13'40	
min. Earth dist.	-887 Jun 13 j 12:29	17°♊27'55	0.57805 AU
inferior conj	-887 Jun 16 j 15:52	15°♊18'40	-4°-32'-19
minimum elong	-887 Jun 16 j 13:08	15°♊23'24	4°32'05
morning rise	-887 Jun 24 j 17:22	11°♊04'10	
direct	-887 Jun 27 j 06:04	10°♊44'54	
morning max el	-887 Jul 05 j 21:15	14°♊47'29	18°58'35
asc. node	-887 Jul 12 j 21:30	23°♊43'54	
	-887 Jul 16 j 14:08	0°♋	
morning set	-887 Jul 22 j 12:43	11°♋18'35	
superior conj	-887 Jul 31 j 00:35	27°♋57'00	1°47'20
minimum elong	-887 Jul 31 j 01:13	28°♋00'05	1°47'20
	-887 Aug 01 j 02:22	0°♌	
max. Earth dist.	-887 Aug 06 j 18:42	10°♌30'08	1.38761 AU
evening rise	-887 Aug 10 j 16:47	17°♌24'25	
	-887 Aug 18 j 06:44	0°♍	
desc. node	-887 Aug 22 j 03:50	6°♍04'54	
	-887 Sep 08 j 06:33	0°♎	
evening max el	-887 Sep 15 j 05:21	7°♎48'11	24°31'27
retrograde	-887 Sep 26 j 13:49	14°♎26'37	
evening set	-887 Oct 02 j 00:55	12°♎09'05	
min. Earth dist.	-887 Oct 06 j 17:30	6°♎46'32	0.67351 AU
inferior conj	-887 Oct 07 j 11:32	5°♎46'14	0°-28'-35
minimum elong	-887 Oct 07 j 12:14	5°♎43'53	0°28'17
asc. node	-887 Oct 08 j 20:41	3°♎57'00	
morning rise	-887 Oct 12 j 23:54	29°♍40'01	
	-887 Oct 12 j 13:13	30°℞♍	
direct	-887 Oct 16 j 16:06	28°♍22'29	
	-887 Oct 21 j 02:53	0°♎	
morning max el	-887 Oct 24 j 11:01	2°♎52'22	20°14'43
greatest brilliancy	-887 Oct 31 j 05:48	11°♎04'42	-0.6m
	-887 Nov 13 j 05:35	0°♏	
desc. node	-887 Nov 18 j 03:09	7°♏28'36	
morning set	-887 Nov 20 j 17:05	11°♏27'20	
max. Earth dist.	-887 Dec 01 j 08:28	28°♏11'48	1.43641 AU
	-887 Dec 02 j 11:24	0°♐	
superior conj	-887 Dec 07 j 01:35	7°♐28'17	-1°-44'-10
minimum elong	-887 Dec 06 j 19:09	7°♐01'51	1°43'43
evening rise	-887 Dec 19 j 21:36	29°♐13'01	
	-887 Dec 20 j 08:26	0°♑	
asc. node	-886 Jan 04 j 19:56	24°♑44'34	
evening max el	-886 Jan 06 j 13:09	26°♑38'26	18°11'03
	-886 Jan 11 j 23:45	0°♒	
retrograde	-886 Jan 13 j 01:26	0°♒05'55	
	-886 Jan 14 j 03:09	30°℞♑	
evening set	-886 Jan 15 j 20:07	29°♑26'42	
inferior conj	-886 Jan 22 j 03:18	24°♑10'13	3°51'46
minimum elong	-886 Jan 22 j 02:24	24°♑12'39	3°51'43
min. Earth dist.	-886 Jan 24 j 19:29	21°♑20'30	0.62808 AU
morning rise	-886 Jan 28 j 06:43	18°♑11'51	
direct	-886 Feb 04 j 06:54	15°♑31'38	
desc. node	-886 Feb 14 j 02:19	19°♑43'14	
morning max el	-886 Feb 18 j 04:57	23°♑22'38	27°45'22
	-886 Feb 24 j 03:35	0°♒	
	-886 Mar 15 j 21:25	0°♓	
morning set	-886 Mar 24 j 03:23	15°♓42'21	
max. Earth dist.	-886 Mar 29 j 16:43	27°♓15'26	1.32885 AU
	-886 Mar 30 j 23:25	0°♈	
superior conj	-886 Mar 31 j 17:41	1°♈38'27	0°-21'-40
minimum elong	-886 Mar 31 j 18:42	1°♈43'57	0°21'28
asc. node	-886 Apr 02 j 19:16	6°♈06'58	
evening rise	-886 Apr 07 j 19:24	16°♈52'36	
	-886 Apr 14 j 08:21	0°♉	
evening max el	-886 May 01 j 15:33	24°♉55'26	23°43'56
	-886 May 08 j 11:12	0°♊	
desc. node	-886 May 13 j 01:30	1°♊35'38	
retrograde	-886 May 15 j 08:44	1°♊47'43	
evening set	-886 May 19 j 09:52	1°♊11'32	
	-886 May 22 j 11:57	30°℞♉	
min. Earth dist.	-886 May 26 j 02:24	28°♉02'46	0.56141 AU
inferior conj	-886 May 28 j 08:13	26°♉41'19	-3°-47'-35
minimum elong	-886 May 28 j 01:42	26°♉51'13	3°46'13
morning rise	-886 Jun 05 j 21:14	22°♉43'14	
direct	-886 Jun 08 j 12:14	22°♉25'47	
morning max el	-886 Jun 18 j 15:20	27°♉06'53	20°00'35
	-886 Jun 21 j 09:22	0°♊	
asc. node	-886 Jun 29 j 18:33	12°♊31'26	
morning set	-886 Jul 06 j 16:06	25°♊48'22	
	-886 Jul 08 j 17:34	0°♋	
superior conj	-886 Jul 14 j 12:48	11°♋46'52	1°45'44
minimum elong	-886 Jul 14 j 11:42	11°♋41'22	1°45'42
max. Earth dist.	-886 Jul 19 j 22:48	22°♋21'42	1.36847 AU
evening rise	-886 Jul 23 j 21:28	29°♋41'29	
	-886 Jul 24 j 01:33	0°♌	
desc. node	-886 Aug 09 j 00:52	26°♌21'08	
	-886 Aug 11 j 12:22	0°♍	
evening max el	-886 Aug 28 j 16:34	21°♍23'37	25°44'03
retrograde	-886 Sep 09 j 23:28	28°♍26'15	
evening set	-886 Sep 16 j 01:17	25°♍53'06	
min. Earth dist.	-886 Sep 20 j 09:37	21°♍06'43	0.66782 AU
inferior conj	-886 Sep 21 j 14:41	19°♍33'59	-1°-24'00
minimum elong	-886 Sep 21 j 16:46	19°♍27'18	1°23'08
asc. node	-886 Sep 25 j 17:43	14°♍51'40	
morning rise	-886 Sep 27 j 09:00	13°♍36'30	
direct	-886 Sep 30 j 14:27	12°♍36'23	
morning max el	-886 Oct 07 j 16:30	16°♍36'51	19°14'40
	-886 Oct 17 j 20:47	0°♎	
greatest brilliancy	-886 Oct 18 j 16:17	1°♎12'55	-0.7m
morning set	-886 Oct 30 j 20:46	20°♎01'46	
desc. node	-886 Nov 05 j 00:10	28°♎03'49	
	-886 Nov 06 j 05:52	0°♏	
max. Earth dist.	-886 Nov 13 j 23:02	12°♏07'07	1.44670 AU
superior conj	-886 Nov 16 j 15:11	16°♏20'56	-1°-11'-6
minimum elong	-886 Nov 16 j 07:21	15°♏49'52	1°10'14
	-886 Nov 25 j 03:23	0°♐	
evening rise	-886 Dec 01 j 09:27	10°♐14'23	
	-886 Dec 13 j 12:51	0°♑	
evening max el	-886 Dec 21 j 01:18	9°♑59'43	18°31'30
asc. node	-886 Dec 22 j 16:58	11°♑31'12	
retrograde	-886 Dec 27 j 15:42	13°♑38'42	
evening set	-886 Dec 30 j 15:13	12°♑49'22	
inferior conj	-885 Jan 05 j 13:57	7°♑14'08	3°36'12

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-885 Jan 05 j 11:41	7°♉20'48	3°35'51
min. Earth dist.	-885 Jan 07 j 15:00	4°♉50'25	0.64502 AU
morning rise	-885 Jan 11 j 06:50	1°♉07'44	
	-885 Jan 12 j 18:59	30°℞♐	
direct	-885 Jan 18 j 02:56	28°♐16'41	
	-885 Jan 23 j 23:21	0°♉	
morning max el	-885 Jan 31 j 13:57	6°♉03'12	27°19'23
desc. node	-885 Jan 31 j 23:21	6°♉26'51	
	-885 Feb 18 j 22:42	0°♒	
morning set	-885 Mar 07 j 20:18	29°♒34'24	
	-885 Mar 08 j 01:32	0°♓	
max. Earth dist.	-885 Mar 12 j 16:24	9°♓17'41	1.33727 AU
superior conj	-885 Mar 15 j 22:42	16°♓06'43	0°-48'-4
minimum elong	-885 Mar 16 j 00:58	16°♓18'40	0°47'39
asc. node	-885 Mar 20 j 16:17	26°♓11'10	
	-885 Mar 22 j 11:29	0°♈	
evening rise	-885 Mar 23 j 06:24	1°♈39'20	
	-885 Apr 08 j 10:38	0°♉	
evening max el	-885 Apr 13 j 09:00	5°♉34'31	22°09'28
retrograde	-885 Apr 26 j 03:42	11°♉49'54	
evening set	-885 Apr 28 j 23:14	11°♉32'24	
desc. node	-885 Apr 29 j 22:32	11°♉18'39	
min. Earth dist.	-885 May 07 j 15:34	7°♉48'44	0.55172 AU
inferior conj	-885 May 08 j 08:07	7°♉25'24	-2°-18'-50
minimum elong	-885 May 08 j 02:06	7°♉33'54	2°16'57
morning rise	-885 May 17 j 06:36	3°♉30'10	
direct	-885 May 20 j 03:15	3°♉11'44	
morning max el	-885 May 31 j 22:18	8°♉43'23	21°22'04
	-885 Jun 15 j 16:46	0°♊	
asc. node	-885 Jun 16 j 15:34	1°♊48'51	
morning set	-885 Jun 21 j 00:15	10°♊33'49	
superior conj	-885 Jun 28 j 10:50	26°♊06'59	1°37'06
minimum elong	-885 Jun 28 j 08:42	25°♊55'53	1°36'56
	-885 Jun 30 j 08:05	0°♋	
max. Earth dist.	-885 Jul 02 j 10:03	4°♋12'51	1.35213 AU
evening rise	-885 Jul 06 j 20:39	12°♋53'29	
	-885 Jul 16 j 10:35	0°♌	
desc. node	-885 Jul 26 j 21:53	16°♌15'33	
	-885 Aug 06 j 12:00	0°♍	
evening max el	-885 Aug 11 j 04:22	4°♍57'35	26°41'56
retrograde	-885 Aug 24 j 04:01	12°♍13'11	
evening set	-885 Aug 30 j 19:13	9°♍29'57	
min. Earth dist.	-885 Sep 03 j 19:56	5°♍21'19	0.65861 AU
inferior conj	-885 Sep 05 j 13:04	3°♍18'45	-2°-18'-37
minimum elong	-885 Sep 05 j 16:29	3°♍08'36	2°17'22
	-885 Sep 08 j 11:59	30°℞♌	
morning rise	-885 Sep 11 j 14:55	27°♌33'09	
asc. node	-885 Sep 12 j 14:45	27°♌06'41	
direct	-885 Sep 14 j 12:01	26°♌46'42	
	-885 Sep 20 j 16:55	0°♍	
morning max el	-885 Sep 21 j 03:50	0°♍26'57	18°30'29
morning set	-885 Oct 11 j 01:27	29°♍53'22	
	-885 Oct 11 j 03:06	0°♎	
desc. node	-885 Oct 22 j 21:13	18°♎46'21	
superior conj	-885 Oct 26 j 15:34	24°♎42'38	0°-24'-21
minimum elong	-885 Oct 26 j 12:20	24°♎29'57	0°23'57
max. Earth dist.	-885 Oct 27 j 17:15	26°♎23'44	1.44992 AU
	-885 Oct 30 j 00:17	0°♏	
evening rise	-885 Nov 11 j 21:26	20°♏16'44	
	-885 Nov 18 j 00:58	0°♐	
greatest brilliancy	-885 Nov 23 j 07:19	8°♐13'52	-0.7m
evening max el	-885 Dec 04 j 11:06	23°♐26'10	19°09'20
asc. node	-885 Dec 09 j 14:00	27°♐06'41	
retrograde	-885 Dec 11 j 10:55	27°♐26'09	
evening set	-885 Dec 14 j 16:46	26°♐25'00	
inferior conj	-885 Dec 20 j 09:25	20°♐33'25	3°07'50
minimum elong	-885 Dec 20 j 06:35	20°♐42'25	3°07'08
min. Earth dist.	-885 Dec 21 j 19:37	18°♐45'10	0.65830 AU
morning rise	-885 Dec 25 j 19:30	14°♐21'48	
direct	-884 Jan 01 j 05:15	11°♐34'15	
morning max el	-884 Jan 13 j 23:26	19°♐04'32	26°24'11
desc. node	-884 Jan 18 j 20:23	24°♐26'13	
	-884 Jan 23 j 07:04	0°♉	
	-884 Feb 11 j 23:11	0°♒	
morning set	-884 Feb 19 j 01:03	12°♒45'17	
max. Earth dist.	-884 Feb 23 j 04:49	20°♒45'00	1.35026 AU
superior conj	-884 Feb 27 j 21:24	0°♓11'09	-1°-13'-20
minimum elong	-884 Feb 28 j 00:41	0°♓27'58	1°12'49
	-884 Feb 27 j 19:14	0°♓	
evening rise	-884 Mar 06 j 14:44	16°♓12'26	
asc. node	-884 Mar 06 j 13:20	16°♓05'09	
	-884 Mar 13 j 16:01	0°♈	
evening max el	-884 Mar 25 j 11:06	16°♈37'40	20°44'11
retrograde	-884 Apr 05 j 16:35	22°♈01'42	
evening set	-884 Apr 07 j 22:05	21°♈49'47	
desc. node	-884 Apr 15 j 19:32	18°♈36'39	
inferior conj	-884 Apr 17 j 02:38	17°♈52'26	0°-22'-9
minimum elong	-884 Apr 17 j 01:35	17°♈53'56	0°21'46
min. Earth dist.	-884 Apr 18 j 05:00	17°♈14'40	0.55124 AU
morning rise	-884 Apr 26 j 03:46	13°♈42'06	
direct	-884 Apr 29 j 14:33	13°♈16'20	
morning max el	-884 May 12 j 19:10	19°♈39'29	22°58'08
	-884 May 21 j 09:31	0°♉	
asc. node	-884 Jun 02 j 12:37	21°♉28'33	
morning set	-884 Jun 04 j 11:14	25°♉29'20	
	-884 Jun 06 j 14:29	0°♊	
superior conj	-884 Jun 11 j 15:35	10°♊47'49	1°23'02
minimum elong	-884 Jun 11 j 13:03	10°♊34'20	1°22'42
max. Earth dist.	-884 Jun 14 j 07:10	16°♊23'46	1.33947 AU
evening rise	-884 Jun 19 j 09:29	26°♊46'48	
	-884 Jun 21 j 01:02	0°♋	
	-884 Jul 08 j 18:13	0°♌	
desc. node	-884 Jul 12 j 18:53	5°♌38'44	
evening max el	-884 Jul 23 j 16:06	18°♌19'49	27°17'23
retrograde	-884 Aug 06 j 02:51	25°♌39'33	
evening set	-884 Aug 13 j 04:03	22°♌55'06	
min. Earth dist.	-884 Aug 16 j 22:07	19°♌23'25	0.64577 AU
inferior conj	-884 Aug 19 j 04:24	16°♌55'30	-3°-10'-6
minimum elong	-884 Aug 19 j 08:45	16°♌43'39	3°08'48
morning rise	-884 Aug 25 j 15:09	11°♌25'21	
direct	-884 Aug 28 j 06:25	10°♌49'05	
asc. node	-884 Aug 29 j 11:49	10°♌56'58	
morning max el	-884 Sep 03 j 18:37	14°♌17'27	18°03'15
	-884 Sep 14 j 19:25	0°♍	
morning set	-884 Sep 21 j 10:20	11°♍07'14	
	-884 Oct 02 j 19:38	0°♎	
superior conj	-884 Oct 05 j 00:36	3°♎33'58	0°24'20
minimum elong	-884 Oct 05 j 03:25	3°♎45'20	0°23'57
desc. node	-884 Oct 08 j 18:15	9°♎32'20	
max. Earth dist.	-884 Oct 09 j 11:53	10°♎42'15	1.44575 AU
evening rise	-884 Oct 21 j 12:21	29°♎28'50	
	-884 Oct 21 j 20:25	0°♏	
greatest brilliancy	-884 Nov 09 j 16:07	28°♏12'04	-0.6m
	-884 Nov 10 j 23:44	0°♐	
evening max el	-884 Nov 16 j 16:26	6°♐53'55	20°02'51
retrograde	-884 Nov 24 j 08:17	11°♐23'15	
asc. node	-884 Nov 25 j 11:03	11°♐16'08	
evening set	-884 Nov 27 j 22:21	10°♐08'15	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

inferior conj	-884 Dec 03 j 10:52	4°♐03'16	2°30'09
minimum elong	-884 Dec 03 j 08:06	4°♐12'30	2°29'15
min. Earth dist.	-884 Dec 04 j 07:41	2°♐53'46	0.66775 AU
	-884 Dec 06 j 14:39	30°℞♏	
morning rise	-884 Dec 08 j 17:17	27°♏48'29	
direct	-884 Dec 14 j 12:59	25°♏15'04	
	-884 Dec 23 j 22:46	0°♐	
morning max el	-884 Dec 26 j 08:08	2°♐15'53	25°08'32
desc. node	-883 Jan 04 j 17:27	13°♐18'40	
	-883 Jan 16 j 10:27	0°♑	
morning set	-883 Jan 31 j 12:33	24°♑59'50	
	-883 Feb 03 j 06:36	0°♒	
max. Earth dist.	-883 Feb 04 j 06:15	1°♒49'35	1.36760 AU
superior conj	-883 Feb 10 j 10:49	13°♒42'34	-1°-35'-40
minimum elong	-883 Feb 10 j 14:31	14°♒00'51	1°35'14
evening rise	-883 Feb 18 j 18:17	0°♓24'44	
	-883 Feb 18 j 13:22	0°♓	
asc. node	-883 Feb 21 j 10:22	5°♓43'20	
evening max el	-883 Mar 08 j 00:08	28°♓16'34	19°35'25
	-883 Mar 10 j 00:14	0°♈	
retrograde	-883 Mar 17 j 12:40	2°♈50'14	
evening set	-883 Mar 19 j 16:53	2°♈36'59	
	-883 Mar 25 j 21:34	30°℞♓	
inferior conj	-883 Mar 28 j 06:09	28°♓32'21	1°29'38
minimum elong	-883 Mar 28 j 09:41	28°♓26'44	1°28'30
min. Earth dist.	-883 Mar 30 j 19:19	26°♓55'19	0.56001 AU
desc. node	-883 Apr 02 j 16:34	25°♓15'51	
morning rise	-883 Apr 05 j 22:57	23°♓52'13	
direct	-883 Apr 10 j 09:34	23°♓07'55	
	-883 Apr 24 j 05:21	0°♈	
morning max el	-883 Apr 24 j 10:26	0°♈12'03	24°38'40
	-883 May 14 j 18:53	0°♉	
morning set	-883 May 19 j 23:17	10°♉29'05	
asc. node	-883 May 20 j 09:42	11°♉23'59	
superior conj	-883 May 27 j 00:34	25°♉41'32	1°04'44
minimum elong	-883 May 26 j 22:12	25°♉28'41	1°04'21
max. Earth dist.	-883 May 28 j 12:50	28°♉57'45	1.33055 AU
	-883 May 29 j 00:24	0°♊	
evening rise	-883 Jun 03 j 08:01	11°♊09'24	
	-883 Jun 13 j 07:19	0°♋	
desc. node	-883 Jun 29 j 15:53	24°♋17'49	
	-883 Jul 04 j 18:13	0°♌	
evening max el	-883 Jul 06 j 01:44	1°♌17'30	27°24'06
retrograde	-883 Jul 19 j 19:37	8°♌37'02	
evening set	-883 Jul 27 j 00:25	6°♌03'24	
min. Earth dist.	-883 Jul 30 j 14:25	3°♌03'15	0.62932 AU
inferior conj	-883 Aug 02 j 09:57	0°♌18'27	-3°-54'-57
minimum elong	-883 Aug 02 j 14:25	0°♌07'31	3°53'58
	-883 Aug 02 j 17:30	30°℞♋	
morning rise	-883 Aug 09 j 06:43	25°♋07'10	
direct	-883 Aug 11 j 18:34	24°♋38'11	
asc. node	-883 Aug 16 j 08:55	26°♋18'08	
morning max el	-883 Aug 18 j 10:09	28°♋03'07	17°53'48
	-883 Aug 20 j 04:57	0°♌	
morning set	-883 Sep 03 j 18:42	23°♌28'31	
	-883 Sep 07 j 11:29	0°♍	
superior conj	-883 Sep 15 j 10:18	13°♍39'45	1°04'00
minimum elong	-883 Sep 15 j 15:29	14°♍01'27	1°03'24
max. Earth dist.	-883 Sep 22 j 03:25	24°♍43'04	1.43479 AU
	-883 Sep 25 j 10:33	0°♎	
desc. node	-883 Sep 25 j 15:17	0°♎18'49	
evening rise	-883 Sep 30 j 18:40	8°♎22'41	
	-883 Oct 15 j 03:14	0°♏	
greatest brilliancy	-883 Oct 25 j 08:36	14°♏10'04	-0.5m
evening max el	-883 Oct 30 j 16:04	20°♏21'53	21°09'33
retrograde	-883 Nov 08 j 05:39	25°♏27'03	
evening set	-883 Nov 12 j 05:57	23°♏56'09	
asc. node	-883 Nov 12 j 08:06	23°♏51'59	
inferior conj	-883 Nov 17 j 16:02	17°♏41'12	1°45'37
minimum elong	-883 Nov 17 j 13:50	17°♏48'46	1°44'46
min. Earth dist.	-883 Nov 18 j 01:03	17°♏10'11	0.67355 AU
morning rise	-883 Nov 22 j 21:22	11°♏25'23	
direct	-883 Nov 28 j 01:41	9°♏12'07	
morning max el	-883 Dec 08 j 16:58	15°♏32'26	23°42'28
	-883 Dec 20 j 13:39	0°♐	
desc. node	-883 Dec 22 j 14:33	2°♐49'09	
	-882 Jan 09 j 10:05	0°♑	
morning set	-882 Jan 13 j 00:44	6°♑02'31	
max. Earth dist.	-882 Jan 17 j 01:47	13°♑02'43	1.38800 AU
superior conj	-882 Jan 24 j 11:11	26°♑31'30	-1°-52'-29
minimum elong	-882 Jan 24 j 14:10	26°♑45'33	1°52'19
	-882 Jan 26 j 07:12	0°♒	
evening rise	-882 Feb 02 j 14:31	14°♒09'52	
asc. node	-882 Feb 08 j 07:25	25°♒00'15	
	-882 Feb 11 j 03:55	0°♓	
evening max el	-882 Feb 18 j 23:18	10°♓31'52	18°46'10
retrograde	-882 Feb 27 j 01:31	14°♓27'13	
evening set	-882 Mar 01 j 09:31	14°♓08'54	
inferior conj	-882 Mar 09 j 04:32	9°♓47'09	2°51'12
minimum elong	-882 Mar 09 j 08:56	9°♓39'00	2°50'09
min. Earth dist.	-882 Mar 12 j 12:01	7°♓21'00	0.57612 AU
morning rise	-882 Mar 17 j 04:14	4°♓35'02	
desc. node	-882 Mar 20 j 13:38	3°♓30'34	
direct	-882 Mar 22 j 18:16	3°♓18'40	
morning max el	-882 Apr 06 j 02:14	10°♓48'53	26°08'45
	-882 Apr 20 j 19:34	0°♈	
morning set	-882 May 04 j 10:44	25°♈26'47	
	-882 May 06 j 14:10	0°♉	
asc. node	-882 May 07 j 06:45	1°♉29'21	
superior conj	-882 May 11 j 11:48	10°♉40'52	0°43'11
minimum elong	-882 May 11 j 10:02	10°♉31'08	0°42'51
max. Earth dist.	-882 May 11 j 23:54	11°♉47'08	1.32535 AU
evening rise	-882 May 18 j 13:09	25°♉51'01	
	-882 May 20 j 13:43	0°♊	
	-882 Jun 06 j 22:19	0°♋	
desc. node	-882 Jun 16 j 12:54	11°♋53'40	
evening max el	-882 Jun 18 j 06:41	13°♋37'33	26°58'16
retrograde	-882 Jul 02 j 05:32	20°♋55'24	
evening set	-882 Jul 09 j 04:01	18°♋46'48	
min. Earth dist.	-882 Jul 12 j 20:32	16°♋05'50	0.60992 AU
inferior conj	-882 Jul 16 j 02:18	13°♋18'47	-4°-27'-39
minimum elong	-882 Jul 16 j 05:26	13°♋12'02	4°27'17
morning rise	-882 Jul 23 j 09:54	8°♋29'07	
direct	-882 Jul 25 j 20:35	8°♋05'10	
morning max el	-882 Aug 01 j 23:26	11°♋35'57	18°03'07
asc. node	-882 Aug 03 j 06:00	12°♋55'35	
	-882 Aug 14 j 05:38	0°♌	
morning set	-882 Aug 17 j 20:37	6°♌40'07	
superior conj	-882 Aug 27 j 23:12	25°♌05'56	1°30'27
minimum elong	-882 Aug 28 j 03:21	25°♌24'15	1°30'06
	-882 Aug 30 j 18:24	0°♍	
max. Earth dist.	-882 Sep 04 j 13:14	8°♍07'54	1.41853 AU
evening rise	-882 Sep 10 j 10:42	17°♍45'15	
desc. node	-882 Sep 12 j 12:18	21°♍02'07	
	-882 Sep 18 j 07:21	0°♎	
greatest brilliancy	-882 Oct 08 j 15:44	28°♎29'20	-0.3m
	-882 Oct 09 j 22:06	0°♏	
evening max el	-882 Oct 13 j 09:54	3°♏50'03	22°25'46

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-882 Oct 23 j 01:12	9°♏33'57		
evening set	-882 Oct 27 j 13:43	7°♏45'29		
asc. node	-882 Oct 30 j 05:11	5°♏02'29		
inferior conj	-882 Nov 01 j 22:54	1°♏24'23	0°56'02	
minimum elong	-882 Nov 01 j 21:37	1°♏28'47	0°55'30	
min. Earth dist.	-882 Nov 01 j 21:15	1°♏30'04	0.67600 AU	
	-882 Nov 02 j 23:26	30°℞♎		
morning rise	-882 Nov 07 j 05:24	25°♎09'59		
direct	-882 Nov 11 j 18:37	23°♎19'03		
morning max el	-882 Nov 21 j 04:36	28°♎53'37	22°15'33	
	-882 Nov 22 j 06:07	0°♏		
greatest brilliancy	-882 Nov 25 j 20:42	4°♏08'58	-0.3m	
desc. node	-882 Dec 09 j 11:36	22°♏46'28		
	-882 Dec 14 j 07:50	0°♐		
morning set	-882 Dec 24 j 08:18	15°♐41'20		
max. Earth dist.	-882 Dec 29 j 22:49	24°♐56'09	1.40898 AU	
	-881 Jan 01 j 22:13	0°♑		
superior conj	-881 Jan 06 j 17:37	8°♑25'45	-2°00'-20	
minimum elong	-881 Jan 06 j 18:05	8°♑27'53	2°00'23	
evening rise	-881 Jan 17 j 00:15	27°♑20'11		
	-881 Jan 18 j 10:27	0°♒		
asc. node	-881 Jan 26 j 04:28	13°♒48'50		
evening max el	-881 Feb 02 j 05:59	23°♒16'54	18°17'06	
retrograde	-881 Feb 09 j 08:54	26°♒49'44		
evening set	-881 Feb 11 j 21:17	26°♒24'09		
inferior conj	-881 Feb 18 j 23:52	21°♒41'23	3°36'58	
minimum elong	-881 Feb 19 j 02:28	21°♒35'44	3°36'37	
min. Earth dist.	-881 Feb 22 j 09:18	18°♒46'59	0.59627 AU	
morning rise	-881 Feb 26 j 04:13	16°♒05'23		
direct	-881 Mar 04 j 16:01	14°♒10'35		
desc. node	-881 Mar 07 j 10:43	14°♒30'50		
morning max el	-881 Mar 18 j 22:55	21°♒54'19	27°13'45	
	-881 Mar 26 j 01:41	0°♓		
	-881 Apr 13 j 16:52	0°♈		
morning set	-881 Apr 18 j 19:52	10°♈16'24		
asc. node	-881 Apr 24 j 03:47	21°♈40'16		
superior conj	-881 Apr 25 j 23:34	25°♈39'55	0°19'12	
minimum elong	-881 Apr 25 j 22:43	25°♈35'14	0°19'01	
max. Earth dist.	-881 Apr 25 j 12:46	24°♈40'45	1.32381 AU	
	-881 Apr 27 j 23:00	0°♉		
evening rise	-881 May 02 j 22:28	10°♉43'39		
	-881 May 12 j 20:48	0°♊		
evening max el	-881 May 31 j 05:15	25°♊13'39	26°00'28	
desc. node	-881 Jun 03 j 09:54	27°♊59'53		
	-881 Jun 06 j 07:47	0°♋		
retrograde	-881 Jun 14 j 06:49	2°♋27'29		
evening set	-881 Jun 20 j 10:23	0°♋55'34		
	-881 Jun 22 j 03:19	30°℞♊		
min. Earth dist.	-881 Jun 24 j 17:59	28°♊16'19	0.58934 AU	
inferior conj	-881 Jun 28 j 01:52	25°♊47'17	-4°-39'-32	
minimum elong	-881 Jun 28 j 01:42	25°♊47'36	4°39'32	
morning rise	-881 Jul 05 j 20:42	21°♊20'08		
direct	-881 Jul 08 j 08:10	20°♊59'32		
morning max el	-881 Jul 16 j 07:25	24°♊47'12	18°32'20	
	-881 Jul 20 j 17:27	0°♋		
asc. node	-881 Jul 21 j 03:03	0°♋33'56		
morning set	-881 Aug 01 j 11:13	20°♋29'24		
	-881 Aug 06 j 09:33	0°♌		
superior conj	-881 Aug 10 j 10:48	7°♌39'55	1°44'16	
minimum elong	-881 Aug 10 j 12:43	7°♌48'48	1°44'11	
max. Earth dist.	-881 Aug 17 j 17:43	20°♌49'11	1.39920 AU	
evening rise	-881 Aug 22 j 01:24	28°♌12'15		
	-881 Aug 23 j 03:16	0°♍		
desc. node	-881 Aug 30 j 09:17	11°♍38'37		
	-881 Sep 11 j 20:36	0°♎		
evening max el	-881 Sep 25 j 23:30	17°♎20'58	23°46'04	
retrograde	-881 Oct 06 j 17:30	23°♎41'07		
evening set	-881 Oct 11 j 19:59	21°♎34'17		
min. Earth dist.	-881 Oct 16 j 17:45	15°♎51'37	0.67535 AU	
inferior conj	-881 Oct 17 j 05:40	15°♎11'00	0°02'58	
minimum elong	-881 Oct 17 j 05:36	15°♎11'15	0°02'56	
transit middle	-881 Oct 17 j 05:36	15°♎11'15	0°02'56	
transit begin	-881 Oct 17 j 02:56	15°♎20'22		
transit end	-881 Oct 17 j 08:16	15°♎02'09		
asc. node	-881 Oct 17 j 02:15	15°♎22'42		
morning rise	-881 Oct 22 j 15:21	9°♎00'48		
direct	-881 Oct 26 j 14:46	7°♎31'35		
morning max el	-881 Nov 03 j 22:14	12°♎22'42	20°55'26	
greatest brilliancy	-881 Nov 09 j 15:13	19°♎03'19	-0.5m	
	-881 Nov 17 j 13:33	0°♏		
desc. node	-881 Nov 26 j 08:38	13°♏02'41		
morning set	-881 Dec 03 j 13:34	24°♏07'41		
	-881 Dec 07 j 07:05	0°♐		
max. Earth dist.	-881 Dec 12 j 02:53	7°♐45'00	1.42774 AU	
superior conj	-881 Dec 19 j 00:32	19°♐11'33	-1°-54'-57	
minimum elong	-881 Dec 18 j 20:40	18°♐55'14	1°54'49	
	-881 Dec 25 j 07:08	0°♑		
evening rise	-881 Dec 30 j 19:32	9°♑46'34		
	-880 Jan 11 j 16:11	0°♒		
asc. node	-880 Jan 13 j 01:30	1°♒59'24		
evening max el	-880 Jan 16 j 17:04	6°♒21'45	18°07'45	
retrograde	-880 Jan 23 j 07:43	9°♒47'08		
evening set	-880 Jan 26 j 00:10	9°♒13'02		
inferior conj	-880 Feb 01 j 13:30	4°♒08'33	3°52'56	
minimum elong	-880 Feb 01 j 13:44	4°♒07'57	3°52'55	
min. Earth dist.	-880 Feb 04 j 13:39	1°♒10'57	0.61702 AU	
	-880 Feb 05 j 20:47	30°℞♑		
morning rise	-880 Feb 08 j 00:54	28°♑16'56		
direct	-880 Feb 14 j 23:47	25°♑49'38		
desc. node	-880 Feb 22 j 07:46	28°♑11'28		
	-880 Feb 24 j 22:32	0°♒		
morning max el	-880 Feb 29 j 01:39	3°♒38'59	27°44'25	
	-880 Mar 19 j 14:44	0°♓		
morning set	-880 Apr 02 j 00:41	24°♓50'08		
	-880 Apr 04 j 12:26	0°♈		
max. Earth dist.	-880 Apr 07 j 23:42	7°♈24'53	1.32595 AU	
superior conj	-880 Apr 09 j 10:06	10°♈31'38	0°-6'-28	
minimum elong	-880 Apr 09 j 10:24	10°♈33'18	0°06'26	
behind sun begin	-880 Apr 09 j 05:43	10°♈07'44		
behind sun end	-880 Apr 09 j 15:06	10°♈58'52		
asc. node	-880 Apr 10 j 00:48	11°♈51'44		
evening rise	-880 Apr 16 j 09:52	25°♈39'09		
	-880 Apr 18 j 11:55	0°♉		
	-880 May 06 j 08:55	0°♊		
evening max el	-880 May 11 j 21:55	6°♊09'40	24°37'44	
desc. node	-880 May 20 j 06:56	12°♊01'42		
retrograde	-880 May 25 j 20:49	13°♊12'54		
evening set	-880 May 30 j 17:55	12°♊19'12		
min. Earth dist.	-880 Jun 05 j 09:32	9°♊25'06	0.57034 AU	
inferior conj	-880 Jun 08 j 05:40	7°♊34'43	-4°-18'-46	
minimum elong	-880 Jun 08 j 01:03	7°♊42'16	4°18'09	
morning rise	-880 Jun 16 j 12:03	3°♊27'55		
direct	-880 Jun 19 j 01:40	3°♊09'31		
morning max el	-880 Jun 28 j 07:06	7°♊27'03	19°22'26	
asc. node	-880 Jul 07 j 00:04	18°♊59'12		
	-880 Jul 13 j 00:39	0°♋		
morning set	-880 Jul 15 j 10:45	4°♋46'28		
superior conj	-880 Jul 23 j 15:25	21°♋05'42	1°47'38	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-880 Jul	23 j 15:15	21°♋04'51	1°47'38
	-880 Jul	28 j 07:05	0°♌	
max. Earth dist.	-880 Jul	29 j 20:42	2°♌54'34	1.37926 AU
evening rise	-880 Aug	02 j 17:07	9°♌50'59	
	-880 Aug	14 j 21:57	0°♍	
desc. node	-880 Aug	16 j 06:17	2°♍03'55	
	-880 Sep	06 j 12:52	0°♎	
evening max el	-880 Sep	07 j 11:09	0°♎55'58	25°03'42
retrograde	-880 Sep	19 j 05:38	7°♎45'16	
evening set	-880 Sep	24 j 23:02	5°♎20'51	
min. Earth dist.	-880 Sep	29 j 12:07	0°♎13'24	0.67152 AU
	-880 Sep	29 j 16:13	30°℞♍	
inferior conj	-880 Sep	30 j 10:40	28°♍59'21	0°-52'-1
minimum elong	-880 Sep	30 j 11:57	28°♍55'07	0°51'29
asc. node	-880 Oct	02 j 23:17	25°♍48'59	
morning rise	-880 Oct	06 j 01:21	22°♍56'25	
direct	-880 Oct	09 j 12:49	21°♍46'31	
morning max el	-880 Oct	16 j 23:33	26°♍02'22	19°47'21
	-880 Oct	20 j 10:59	0°♎	
greatest brilliancy	-880 Oct	24 j 20:53	5°♎53'13	-0.6m
	-880 Nov	09 j 22:38	0°♏	
morning set	-880 Nov	11 j 10:44	2°♏19'28	
desc. node	-880 Nov	12 j 05:38	3°♏32'39	
max. Earth dist.	-880 Nov	23 j 14:56	21°♏23'56	1.44168 AU
superior conj	-880 Nov	28 j 04:27	28°♏42'50	-1°-32'-18
minimum elong	-880 Nov	27 j 20:44	28°♏11'40	1°31'37
	-880 Nov	28 j 23:31	0°♐	
evening rise	-880 Dec	11 j 20:08	21°♐21'50	
	-880 Dec	16 j 22:12	0°♑	
asc. node	-880 Dec	29 j 22:32	19°♑20'54	
evening max el	-880 Dec	30 j 05:38	19°♑39'10	18°17'29
retrograde	-879 Jan	05 j 17:40	23°♑09'58	
evening set	-879 Jan	08 j 14:22	22°♑26'27	
inferior conj	-879 Jan	14 j 17:37	17°♑01'31	3°47'00
minimum elong	-879 Jan	14 j 16:02	17°♑05'56	3°46'50
min. Earth dist.	-879 Jan	17 j 03:21	14°♑21'36	0.63578 AU
morning rise	-879 Jan	20 j 16:06	10°♑59'33	
direct	-879 Jan	27 j 15:32	8°♑13'08	
desc. node	-879 Feb	08 j 04:50	13°♑58'54	
morning max el	-879 Feb	10 j 09:14	16°♑02'22	27°38'19
	-879 Feb	21 j 22:03	0°♒	
	-879 Mar	12 j 06:55	0°♓	
morning set	-879 Mar	16 j 22:48	9°♓00'08	
max. Earth dist.	-879 Mar	22 j 04:47	19°♓46'28	1.33200 AU
superior conj	-879 Mar	24 j 17:42	25°♓10'16	0°-32'-55
minimum elong	-879 Mar	24 j 19:15	25°♓18'36	0°32'37
	-879 Mar	26 j 23:35	0°♈	
asc. node	-879 Mar	27 j 21:50	1°♈59'53	
evening rise	-879 Mar	31 j 21:32	10°♈31'06	
	-879 Apr	11 j 00:30	0°♉	
evening max el	-879 Apr	23 j 12:56	16°♉45'43	23°03'10
retrograde	-879 May	06 j 22:07	23°♉24'17	
desc. node	-879 May	07 j 03:58	23°♉24'09	
evening set	-879 May	10 j 09:32	22°♉57'50	
min. Earth dist.	-879 May	17 j 22:29	19°♉36'03	0.55632 AU
inferior conj	-879 May	19 j 14:01	18°♉38'38	-3°-14'-53
minimum elong	-879 May	19 j 07:02	18°♉48'49	3°13'03
morning rise	-879 May	28 j 07:33	14°♉44'03	
direct	-879 May	31 j 00:35	14°♉26'32	
morning max el	-879 Jun	10 j 20:20	19°♉27'35	20°33'10
	-879 Jun	19 j 05:14	0°♊	
asc. node	-879 Jun	23 j 21:06	8°♊00'16	
morning set	-879 Jun	29 j 16:23	19°♊23'27	
	-879 Jul	04 j 19:50	0°♋	

superior conj	-879 Jul	07 j 08:12	5°♋09'17	1°42'49
minimum elong	-879 Jul	07 j 06:34	5°♋01'01	1°42'45
max. Earth dist.	-879 Jul	12 j 03:32	14°♋43'44	1.36107 AU
evening rise	-879 Jul	16 j 06:11	22°♋32'21	
	-879 Jul	20 j 09:16	0°♌	
desc. node	-879 Aug	03 j 03:18	22°♌11'49	
	-879 Aug	08 j 15:53	0°♍	
evening max el	-879 Aug	20 j 22:32	14°♍31'26	26°11'00
retrograde	-879 Sep	02 j 12:58	21°♍40'26	
evening set	-879 Sep	08 j 20:55	19°♍01'58	
min. Earth dist.	-879 Sep	13 j 01:54	14°♍31'52	0.66433 AU
inferior conj	-879 Sep	14 j 12:01	12°♍46'02	-1°-47'-22
minimum elong	-879 Sep	14 j 14:41	12°♍37'43	1°46'19
asc. node	-879 Sep	19 j 20:19	7°♍14'03	
morning rise	-879 Sep	20 j 09:22	6°♍53'26	
direct	-879 Sep	23 j 11:02	5°♍59'32	
morning max el	-879 Sep	30 j 07:49	9°♍49'58	18°54'00
	-879 Oct	14 j 18:08	0°♎	
morning set	-879 Oct	21 j 23:48	11°♎24'05	
desc. node	-879 Oct	30 j 02:39	24°♎11'33	
	-879 Nov	02 j 19:20	0°♏	
max. Earth dist.	-879 Nov	06 j 07:59	5°♏32'48	1.44900 AU
superior conj	-879 Nov	07 j 10:02	7°♏15'26	0°-52'-21
minimum elong	-879 Nov	07 j 03:32	6°♏49'48	0°51'35
	-879 Nov	21 j 16:37	0°♐	
evening rise	-879 Nov	22 j 22:01	1°♐58'46	
	-879 Dec	11 j 01:32	0°♑	
evening max el	-879 Dec	13 j 17:01	3°♑03'00	18°45'26
asc. node	-879 Dec	16 j 19:35	5°♑39'21	
retrograde	-879 Dec	20 j 10:34	6°♑50'00	
evening set	-879 Dec	23 j 12:34	5°♑55'48	
inferior conj	-879 Dec	29 j 08:26	0°♑12'57	3°25'30
minimum elong	-879 Dec	29 j 05:50	0°♑20'52	3°24'59
	-879 Dec	29 j 12:41	30°℞♐	
min. Earth dist.	-879 Dec	31 j 02:55	28°♐03'49	0.65117 AU
morning rise	-878 Jan	03 j 22:00	24°♐03'54	
direct	-878 Jan	10 j 14:07	21°♐13'07	
morning max el	-878 Jan	23 j 18:57	28°♐54'11	26°59'00
	-878 Jan	24 j 20:41	0°♑	
desc. node	-878 Jan	26 j 01:52	1°♑18'06	
	-878 Feb	15 j 17:38	0°♒	
morning set	-878 Feb	28 j 11:07	22°♒36'31	
	-878 Mar	04 j 05:21	0°♓	
max. Earth dist.	-878 Mar	05 j 00:14	1°♓35'09	1.34228 AU
superior conj	-878 Mar	08 j 20:21	9°♓29'18	0°-59'-2
minimum elong	-878 Mar	08 j 23:05	9°♓43'36	0°58'33
asc. node	-878 Mar	14 j 18:53	22°♓00'35	
evening rise	-878 Mar	16 j 07:41	25°♓13'07	
	-878 Mar	18 j 15:32	0°♈	
evening max el	-878 Apr	05 j 09:21	27°♈32'10	21°31'24
	-878 Apr	08 j 06:41	0°♉	
retrograde	-878 Apr	17 j 13:40	3°♉27'24	
evening set	-878 Apr	20 j 01:11	3°♉13'25	
desc. node	-878 Apr	24 j 01:00	1°♉58'25	
	-878 Apr	27 j 23:42	30°℞♈	
inferior conj	-878 Apr	29 j 09:56	29°♈12'13	-1°-30'-56
minimum elong	-878 Apr	29 j 05:43	29°♈18'09	1°29'28
min. Earth dist.	-878 Apr	29 j 11:35	29°♈09'54	0.55029 AU
morning rise	-878 May	08 j 10:46	25°♈13'08	
direct	-878 May	11 j 11:53	24°♈52'50	
	-878 May	23 j 02:07	0°♉	
morning max el	-878 May	23 j 22:50	0°♉46'45	22°01'47
asc. node	-878 Jun	10 j 18:09	27°♉28'26	
	-878 Jun	12 j 00:25	0°♊	
morning set	-878 Jun	14 j 01:59	4°♊14'28	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-878 Jun 21 j 09:29	19°♊40'01	1°31'43
minimum elong	-878 Jun 21 j 07:06	19°♊27'32	1°31'29
max. Earth dist.	-878 Jun 24 j 18:50	26°♊41'50	1.34618 AU
	-878 Jun 26 j 09:57	0°♋	
evening rise	-878 Jun 29 j 11:44	6°♋03'47	
	-878 Jul 13 j 01:29	0°♌	
desc. node	-878 Jul 21 j 00:20	11°♌54'45	
evening max el	-878 Aug 03 j 10:15	28°♌01'17	27°00'08
	-878 Aug 05 j 14:21	0°♍	
retrograde	-878 Aug 16 j 15:16	5°♍20'09	
evening set	-878 Aug 23 j 11:23	2°♍34'44	
	-878 Aug 26 j 04:41	30°℞♌	
min. Earth dist.	-878 Aug 27 j 08:55	28°♌42'25	0.65358 AU
inferior conj	-878 Aug 29 j 07:42	26°♌27'58	-2°-41'-1
minimum elong	-878 Aug 29 j 11:34	26°♌16'50	2°39'43
morning rise	-878 Sep 04 j 13:12	20°♌48'51	
asc. node	-878 Sep 06 j 17:21	20°♌09'09	
direct	-878 Sep 07 j 07:28	20°♌07'15	
morning max el	-878 Sep 13 j 21:01	23°♌41'29	18°16'51
	-878 Sep 18 j 23:04	0°♍	
morning set	-878 Oct 02 j 16:40	21°♍51'26	
	-878 Oct 07 j 16:14	0°♎	
desc. node	-878 Oct 16 j 23:41	14°♎56'02	
superior conj	-878 Oct 17 j 11:24	15°♎42'27	0°-3'-12
minimum elong	-878 Oct 17 j 11:00	15°♎40'49	0°03'10
behind sun begin	-878 Oct 17 j 00:05	14°♎57'35	
behind sun end	-878 Oct 17 j 21:55	16°♎24'01	
max. Earth dist.	-878 Oct 20 j 02:29	19°♎51'32	1.44899 AU
	-878 Oct 26 j 13:37	0°♏	
evening rise	-878 Nov 03 j 00:11	11°♏37'24	
	-878 Nov 14 j 20:46	0°♐	
greatest brilliancy	-878 Nov 18 j 09:35	5°♐17'00	-0.7m
evening max el	-878 Nov 27 j 01:03	16°♐30'03	19°30'15
asc. node	-878 Dec 03 j 16:38	20°♐39'59	
retrograde	-878 Dec 04 j 07:08	20°♐42'02	
evening set	-878 Dec 07 j 16:07	19°♐35'25	
inferior conj	-878 Dec 13 j 06:48	13°♐37'38	2°52'50
minimum elong	-878 Dec 13 j 03:55	13°♐46'59	2°52'01
min. Earth dist.	-878 Dec 14 j 11:08	12°♐05'33	0.66276 AU
morning rise	-878 Dec 18 j 14:56	7°♐24'06	
direct	-878 Dec 24 j 18:55	4°♐41'28	
morning max el	-877 Jan 06 j 04:21	12°♐01'42	25°53'51
desc. node	-877 Jan 12 j 22:56	19°♐42'32	
	-877 Jan 20 j 15:34	0°♑	
	-877 Feb 08 j 09:18	0°♒	
morning set	-877 Feb 11 j 09:17	5°♒26'04	
max. Earth dist.	-877 Feb 15 j 07:37	12°♒50'02	1.35712 AU
superior conj	-877 Feb 20 j 15:31	23°♒21'00	-1°-23'-19
minimum elong	-877 Feb 20 j 19:05	23°♒38'59	1°22'49
	-877 Feb 23 j 21:47	0°♓	
evening rise	-877 Feb 28 j 14:18	9°♓38'21	
asc. node	-877 Mar 01 j 15:57	11°♓48'42	
	-877 Mar 11 j 15:16	0°♈	
evening max el	-877 Mar 18 j 16:05	8°♈50'21	20°12'39
retrograde	-877 Mar 29 j 04:13	13°♈52'11	
evening set	-877 Mar 31 j 07:48	13°♈40'28	
inferior conj	-877 Apr 09 j 06:44	9°♈41'58	0°27'49
minimum elong	-877 Apr 09 j 07:59	9°♈40'07	0°27'23
desc. node	-877 Apr 10 j 22:04	8°♈43'29	
min. Earth dist.	-877 Apr 11 j 01:41	8°♈38'10	0.55385 AU
morning rise	-877 Apr 18 j 05:37	5°♈19'38	
direct	-877 Apr 22 j 01:22	4°♈47'41	
morning max el	-877 May 05 j 16:49	11°♈30'58	23°41'11
	-877 May 19 j 13:30	0°♉	
asc. node	-877 May 28 j 15:13	17°♉15'35	
morning set	-877 May 29 j 13:37	19°♉12'30	
	-877 Jun 03 j 14:41	0°♊	
superior conj	-877 Jun 05 j 16:19	4°♊27'35	1°15'44
minimum elong	-877 Jun 05 j 13:48	4°♊14'02	1°15'22
max. Earth dist.	-877 Jun 07 j 19:38	9°♊01'48	1.33516 AU
evening rise	-877 Jun 13 j 05:09	20°♊11'09	
	-877 Jun 18 j 06:59	0°♋	
	-877 Jul 07 j 02:38	0°♌	
desc. node	-877 Jul 07 j 21:21	1°♌01'14	
evening max el	-877 Jul 16 j 21:16	11°♌14'18	27°24'05
retrograde	-877 Jul 30 j 11:50	18°♌35'07	
evening set	-877 Aug 06 j 15:23	15°♌53'35	
min. Earth dist.	-877 Aug 10 j 07:11	12°♌36'12	0.63913 AU
inferior conj	-877 Aug 12 j 19:13	9°♌59'34	-3°-30'-16
minimum elong	-877 Aug 12 j 23:45	9°♌47'42	3°29'03
morning rise	-877 Aug 19 j 10:07	4°♌37'01	
direct	-877 Aug 21 j 23:30	4°♌04'20	
asc. node	-877 Aug 24 j 14:25	4°♌39'00	
morning max el	-877 Aug 28 j 12:27	7°♌30'36	17°56'58
	-877 Sep 12 j 10:08	0°♍	
morning set	-877 Sep 14 j 12:14	3°♍35'41	
superior conj	-877 Sep 27 j 05:48	25°♍02'21	0°42'40
minimum elong	-877 Sep 27 j 10:09	25°♍20'09	0°42'06
	-877 Sep 30 j 07:06	0°♎	
max. Earth dist.	-877 Oct 02 j 19:31	4°♎02'20	1.44179 AU
desc. node	-877 Oct 03 j 20:44	5°♎42'41	
evening rise	-877 Oct 13 j 09:15	20°♎35'52	
	-877 Oct 19 j 12:46	0°♏	
greatest brilliancy	-877 Nov 04 j 00:27	22°♏33'36	-0.5m
evening max el	-877 Nov 10 j 04:05	29°♏58'19	20°29'54
	-877 Nov 10 j 04:44	0°♐	
retrograde	-877 Nov 18 j 04:42	4°♐42'24	
asc. node	-877 Nov 20 j 13:40	4°♐10'11	
evening set	-877 Nov 21 j 22:47	3°♐21'06	
	-877 Nov 25 j 06:48	30°℞♏	
inferior conj	-877 Nov 27 j 10:05	27°♏11'40	2°12'00
minimum elong	-877 Nov 27 j 07:31	27°♏20'24	2°11'06
min. Earth dist.	-877 Nov 28 j 01:49	26°♏18'21	0.67061 AU
morning rise	-877 Dec 02 j 15:44	20°♏56'03	
direct	-877 Dec 08 j 05:02	18°♏30'22	
morning max el	-877 Dec 19 j 12:44	25°♏15'26	24°32'36
	-877 Dec 23 j 20:18	0°♐	
desc. node	-877 Dec 30 j 20:00	8°♐53'10	
	-876 Jan 14 j 03:56	0°♑	
morning set	-876 Jan 24 j 11:46	17°♑13'01	
max. Earth dist.	-876 Jan 28 j 05:16	23°♑52'36	1.37600 AU
	-876 Jan 31 j 12:46	0°♒	
superior conj	-876 Feb 04 j 00:00	6°♒36'45	-1°-43'-39
minimum elong	-876 Feb 04 j 03:35	6°♒54'04	1°43'19
evening rise	-876 Feb 12 j 15:07	23°♒40'33	
	-876 Feb 15 j 20:30	0°♓	
asc. node	-876 Feb 16 j 13:01	1°♓19'08	
evening max el	-876 Feb 29 j 09:52	20°♓46'37	19°12'02
retrograde	-876 Mar 09 j 06:23	25°♓01'33	
evening set	-876 Mar 11 j 12:04	24°♓46'28	
inferior conj	-876 Mar 19 j 17:38	20°♓35'42	2°08'36
minimum elong	-876 Mar 19 j 21:58	20°♓28'20	2°07'20
min. Earth dist.	-876 Mar 22 j 16:58	18°♓35'42	0.56621 AU
desc. node	-876 Mar 27 j 19:07	15°♓50'01	
morning rise	-876 Mar 28 j 03:53	15°♓41'31	
direct	-876 Apr 02 j 02:37	14°♓44'42	
morning max el	-876 Apr 16 j 07:27	22°♓01'46	25°19'01
	-876 Apr 23 j 07:22	0°♈	
	-876 May 11 j 01:03	0°♉	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-876 May 13 j 01:37	4°♉12'00	
asc. node	-876 May 14 j 12:18	7°♉15'56	
superior conj	-876 May 20 j 02:30	19°♉24'33	0°55'57
minimum elong	-876 May 20 j 00:20	19°♉12'44	0°55'34
max. Earth dist.	-876 May 21 j 04:00	21°♉43'24	1.32796 AU
	-876 May 25 j 00:30	0°♊	
evening rise	-876 May 27 j 06:51	4°♊43'16	
	-876 Jun 09 j 23:28	0°♋	
desc. node	-876 Jun 23 j 18:22	19°♋16'03	
evening max el	-876 Jun 28 j 05:25	23°♋57'49	27°17'13
	-876 Jul 06 j 15:10	0°♌	
retrograde	-876 Jul 12 j 01:47	1°♌16'16	
	-876 Jul 17 j 06:14	30°℞♋	
evening set	-876 Jul 19 j 05:07	28°♋52'01	
min. Earth dist.	-876 Jul 22 j 19:16	26°♋01'31	0.62134 AU
inferior conj	-876 Jul 25 j 19:34	23°♋13'54	-4°-10'-48
minimum elong	-876 Jul 25 j 23:41	23°♋04'20	4°10'04
morning rise	-876 Aug 01 j 20:50	18°♋11'11	
direct	-876 Aug 04 j 07:55	17°♋44'33	
asc. node	-876 Aug 10 j 11:30	20°♋33'58	
morning max el	-876 Aug 11 j 03:17	21°♋11'01	17°55'21
	-876 Aug 17 j 19:30	0°♌	
morning set	-876 Aug 27 j 04:44	16°♌20'02	
	-876 Sep 03 j 20:21	0°♍	
superior conj	-876 Sep 07 j 03:13	5°♍42'10	1°16'54
minimum elong	-876 Sep 07 j 08:14	6°♍03'41	1°16'22
max. Earth dist.	-876 Sep 14 j 08:50	17°♍49'25	1.42841 AU
desc. node	-876 Sep 19 j 17:44	26°♍28'01	
evening rise	-876 Sep 21 j 17:27	29°♍35'58	
	-876 Sep 21 j 23:36	0°♎	
	-876 Oct 12 j 05:17	0°♏	
greatest brilliancy	-876 Oct 18 j 04:04	7°♏51'22	-0.4m
evening max el	-876 Oct 23 j 01:15	13°♏26'26	21°41'14
retrograde	-876 Nov 01 j 01:19	18°♏47'28	
evening set	-876 Nov 05 j 06:37	17°♏09'18	
asc. node	-876 Nov 06 j 10:44	16°♏06'51	
inferior conj	-876 Nov 10 j 16:09	10°♏51'34	1°25'05
minimum elong	-876 Nov 10 j 14:19	10°♏57'56	1°24'21
min. Earth dist.	-876 Nov 10 j 20:35	10°♏36'16	0.67498 AU
morning rise	-876 Nov 15 j 21:44	4°♏36'13	
direct	-876 Nov 20 j 19:39	2°♏32'12	
morning max el	-876 Nov 30 j 22:06	8°♏32'38	23°05'08
greatest brilliancy	-876 Dec 05 j 19:29	14°♏01'25	-0.3m
desc. node	-876 Dec 16 j 17:01	28°♏35'55	
	-876 Dec 17 j 16:25	0°♐	
morning set	-875 Jan 04 j 12:05	27°♐40'05	
	-875 Jan 05 j 21:32	0°♑	
max. Earth dist.	-875 Jan 09 j 00:41	5°♑20'15	1.39704 AU
superior conj	-875 Jan 16 j 17:23	19°♑04'10	-1°-57'-9
minimum elong	-875 Jan 16 j 19:33	19°♑14'10	1°57'06
	-875 Jan 22 j 13:07	0°♒	
evening rise	-875 Jan 26 j 07:16	7°♒11'42	
asc. node	-875 Feb 02 j 10:03	20°♒24'54	
	-875 Feb 08 j 15:20	0°♓	
evening max el	-875 Feb 11 j 12:36	3°♓15'35	18°31'19
retrograde	-875 Feb 19 j 03:16	6°♓59'12	
evening set	-875 Feb 21 j 13:20	6°♓37'50	
inferior conj	-875 Mar 01 j 00:58	2°♓07'06	3°14'42
minimum elong	-875 Mar 01 j 04:48	1°♓59'30	3°13'58
	-875 Mar 03 j 17:14	30°℞♒	
min. Earth dist.	-875 Mar 04 j 10:57	29°♒26'17	0.58450 AU
morning rise	-875 Mar 08 j 16:27	26°♒44'02	
direct	-875 Mar 14 j 16:56	25°♒11'32	
desc. node	-875 Mar 14 j 16:10	25°♒11'32	
	-875 Mar 25 j 21:31	0°♓	
morning max el	-875 Mar 29 j 00:48	2°♓47'38	26°40'07
	-875 Apr 17 j 15:07	0°♈	
morning set	-875 Apr 27 j 12:19	19°♈06'59	
asc. node	-875 May 01 j 09:22	27°♈24'12	
	-875 May 02 j 13:56	0°♉	
superior conj	-875 May 04 j 14:09	4°♉24'18	0°33'16
minimum elong	-875 May 04 j 12:44	4°♉16'30	0°32'58
max. Earth dist.	-875 May 04 j 16:29	4°♉37'05	1.32434 AU
evening rise	-875 May 11 j 14:03	19°♉30'39	
	-875 May 16 j 19:05	0°♊	
	-875 Jun 04 j 19:15	0°♋	
evening max el	-875 Jun 10 j 07:59	6°♋00'12	26°37'18
desc. node	-875 Jun 10 j 15:23	6°♋17'41	
retrograde	-875 Jun 24 j 07:54	13°♋15'46	
evening set	-875 Jul 01 j 00:07	11°♋21'50	
min. Earth dist.	-875 Jul 04 j 21:16	8°♋43'59	0.60122 AU
inferior conj	-875 Jul 08 j 05:15	6°♋02'15	-4°-35'-53
minimum elong	-875 Jul 08 j 07:13	5°♋58'14	4°35'45
morning rise	-875 Jul 15 j 17:33	1°♋22'01	
direct	-875 Jul 18 j 04:32	0°♋59'30	
morning max el	-875 Jul 25 j 14:39	4°♋35'43	18°13'04
asc. node	-875 Jul 28 j 08:34	7°♋39'12	
morning set	-875 Aug 10 j 12:36	29°♋49'34	
	-875 Aug 10 j 14:49	0°♌	
superior conj	-875 Aug 20 j 02:31	17°♌39'30	1°37'45
minimum elong	-875 Aug 20 j 05:45	17°♌54'08	1°37'32
	-875 Aug 27 j 03:01	0°♍	
max. Earth dist.	-875 Aug 27 j 16:51	0°♍58'51	1.41055 AU
evening rise	-875 Sep 01 j 18:15	9°♍23'37	
desc. node	-875 Sep 06 j 14:44	17°♍09'06	
	-875 Sep 15 j 01:28	0°♎	
greatest brilliancy	-875 Sep 30 j 10:32	21°♎00'49	-0.2m
evening max el	-875 Oct 05 j 17:04	26°♎55'39	22°59'48
	-875 Oct 09 j 02:49	0°♏	
retrograde	-875 Oct 15 j 19:32	2°♏55'09	
evening set	-875 Oct 20 j 13:57	0°♏58'38	
	-875 Oct 21 j 15:30	30°℞♎	
asc. node	-875 Oct 24 j 07:46	26°♎50'08	
inferior conj	-875 Oct 25 j 23:10	24°♎36'12	0°33'51
minimum elong	-875 Oct 25 j 22:23	24°♎38'55	0°33'31
min. Earth dist.	-875 Oct 25 j 17:04	24°♎57'11	0.67613 AU
morning rise	-875 Oct 31 j 06:49	18°♎23'32	
direct	-875 Nov 04 j 13:58	16°♎42'09	
morning max el	-875 Nov 13 j 12:02	21°♎57'03	21°40'21
greatest brilliancy	-875 Nov 18 j 10:48	27°♎35'16	-0.4m
	-875 Nov 20 j 08:19	0°♏	
desc. node	-875 Dec 03 j 14:03	18°♏41'56	
	-875 Dec 11 j 00:25	0°♐	
morning set	-875 Dec 15 j 07:19	6°♐43'51	
max. Earth dist.	-875 Dec 22 j 00:52	17°♐38'52	1.41743 AU
	-875 Dec 29 j 07:27	0°♑	
superior conj	-875 Dec 29 j 14:24	0°♑30'16	-1°-59'-57
minimum elong	-875 Dec 29 j 13:12	0°♑25'02	1°59'58
evening rise	-874 Jan 09 j 11:20	20°♑04'14	
	-874 Jan 14 j 22:28	0°♒	
asc. node	-874 Jan 20 j 07:05	8°♒58'16	
evening max el	-874 Jan 25 j 21:25	16°♒09'22	18°10'40
retrograde	-874 Feb 01 j 17:55	19°♒37'38	
evening set	-874 Feb 04 j 08:01	19°♒08'34	
inferior conj	-874 Feb 11 j 04:31	14°♒16'10	3°46'53
minimum elong	-874 Feb 11 j 06:06	14°♒12'31	3°46'46
min. Earth dist.	-874 Feb 14 j 10:48	11°♒17'38	0.60519 AU
morning rise	-874 Feb 18 j 01:12	8°♒32'28	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

direct	-874 Feb 24 j 18:52	6°♒22'55	
desc. node	-874 Mar 01 j 13:13	7°♒22'45	
morning max el	-874 Mar 11 j 00:17	14°♒09'37	27°31'22
	-874 Mar 23 j 18:03	0°♓	
	-874 Apr 09 j 22:36	0°♈	
morning set	-874 Apr 11 j 19:52	3°♈50'52	
max. Earth dist.	-874 Apr 18 j 05:09	17°♈29'02	1.32428 AU
asc. node	-874 Apr 18 j 06:23	17°♈35'46	
superior conj	-874 Apr 19 j 01:35	19°♈20'46	0°08'28
minimum elong	-874 Apr 19 j 01:12	19°♈18'39	0°08'23
behind sun begin	-874 Apr 18 j 20:54	18°♈55'06	
behind sun end	-874 Apr 19 j 05:30	19°♈42'12	
	-874 Apr 23 j 22:47	0°♉	
evening rise	-874 Apr 26 j 00:29	4°♉25'12	
	-874 May 09 j 17:04	0°♊	
evening max el	-874 May 23 j 03:33	17°♊17'03	25°27'33
desc. node	-874 May 28 j 12:25	21°♊35'44	
retrograde	-874 Jun 06 j 04:41	24°♊27'59	
evening set	-874 Jun 11 j 20:40	23°♊12'33	
min. Earth dist.	-874 Jun 16 j 15:31	20°♊29'03	0.58087 AU
inferior conj	-874 Jun 19 j 20:38	18°♊13'56	-4°-35'-26
minimum elong	-874 Jun 19 j 18:35	18°♊17'32	4°35'20
morning rise	-874 Jun 27 j 20:24	13°♊56'26	
direct	-874 Jun 30 j 08:44	13°♊36'53	
morning max el	-874 Jul 08 j 19:30	17°♊35'07	18°51'09
asc. node	-874 Jul 15 j 05:36	25°♊39'01	
	-874 Jul 17 j 21:28	0°♋	
morning set	-874 Jul 25 j 07:24	13°♋51'43	
superior conj	-874 Aug 02 j 22:05	0°♌37'52	1°46'49
minimum elong	-874 Aug 02 j 23:03	0°♌42'26	1°46'48
	-874 Aug 02 j 14:08	0°♌	
max. Earth dist.	-874 Aug 09 j 20:02	13°♌22'58	1.39059 AU
evening rise	-874 Aug 13 j 19:47	20°♌21'13	
	-874 Aug 19 j 14:54	0°♍	
desc. node	-874 Aug 24 j 11:45	7°♍41'26	
	-874 Sep 09 j 04:22	0°♎	
evening max el	-874 Sep 18 j 05:20	10°♎27'19	24°19'47
retrograde	-874 Sep 29 j 10:14	17°♎01'32	
evening set	-874 Oct 04 j 19:03	14°♎46'42	
min. Earth dist.	-874 Oct 09 j 12:56	9°♎18'48	0.67410 AU
inferior conj	-874 Oct 10 j 05:23	8°♎23'28	0°-20'-12
minimum elong	-874 Oct 10 j 05:52	8°♎21'49	0°20'01
asc. node	-874 Oct 11 j 04:48	7°♎05'19	
morning rise	-874 Oct 15 j 17:00	2°♎16'06	
direct	-874 Oct 19 j 10:58	0°♎55'42	
morning max el	-874 Oct 27 j 09:00	5°♎30'55	20°24'49
greatest brilliancy	-874 Nov 02 j 20:23	13°♎16'23	-0.5m
	-874 Nov 14 j 11:32	0°♏	
desc. node	-874 Nov 20 j 11:05	9°♏04'20	
morning set	-874 Nov 24 j 06:05	14°♏54'52	
	-874 Dec 03 j 19:54	0°♐	
max. Earth dist.	-874 Dec 04 j 08:13	0°♐49'28	1.43432 AU
superior conj	-874 Dec 10 j 09:53	10°♐43'35	-1°-47'-36
minimum elong	-874 Dec 10 j 04:04	10°♐19'31	1°47'14
	-874 Dec 21 j 17:28	0°♑	
evening rise	-874 Dec 22 j 23:12	2°♑09'45	
asc. node	-873 Jan 07 j 04:06	26°♑49'24	
evening max el	-873 Jan 09 j 09:24	29°♑20'04	18°09'39
	-873 Jan 10 j 02:04	0°♒	
retrograde	-873 Jan 15 j 22:05	2°♒46'41	
evening set	-873 Jan 18 j 16:08	2°♒08'53	
	-873 Jan 21 j 21:03	30°℞♑	
inferior conj	-873 Jan 25 j 00:49	26°♑55'35	3°52'42
minimum elong	-873 Jan 25 j 00:12	26°♑57'14	3°52'39
min. Earth dist.	-873 Jan 27 j 19:14	24°♑03'04	0.62526 AU
morning rise	-873 Jan 31 j 06:10	20°♑58'46	
direct	-873 Feb 07 j 06:19	18°♑21'19	
desc. node	-873 Feb 16 j 10:16	22°♑01'46	
morning max el	-873 Feb 21 j 05:32	26°♑12'27	27°46'17
	-873 Feb 24 j 18:49	0°♒	
	-873 Mar 17 j 06:18	0°♓	
morning set	-873 Mar 26 j 22:14	18°♓16'24	
max. Earth dist.	-873 Apr 01 j 14:04	0°♈05'30	1.32796 AU
	-873 Apr 01 j 13:03	0°♈	
superior conj	-873 Apr 03 j 11:08	4°♈08'15	0°-17'-39
minimum elong	-873 Apr 03 j 11:58	4°♈12'44	0°17'29
asc. node	-873 Apr 05 j 03:25	7°♈46'45	
evening rise	-873 Apr 10 j 12:15	19°♈20'20	
	-873 Apr 15 j 18:10	0°♉	
evening max el	-873 May 04 j 18:40	28°♉01'30	23°58'05
	-873 May 06 j 23:39	0°♊	
desc. node	-873 May 15 j 09:26	4°♊34'05	
retrograde	-873 May 18 j 13:55	4°♊57'16	
evening set	-873 May 22 j 20:06	4°♊17'03	
min. Earth dist.	-873 May 29 j 05:51	1°♊12'21	0.56355 AU
	-873 May 31 j 04:55	30°℞♉	
inferior conj	-873 May 31 j 15:53	29°♉43'00	-3°-57'-18
minimum elong	-873 May 31 j 09:46	29°♉52'29	3°56'07
morning rise	-873 Jun 09 j 03:12	25°♉42'55	
direct	-873 Jun 11 j 17:45	25°♉25'18	
morning max el	-873 Jun 21 j 15:06	0°♊00'01	19°50'01
	-873 Jun 21 j 15:06	0°♊	
asc. node	-873 Jul 02 j 02:40	14°♊20'57	
morning set	-873 Jul 09 j 09:50	28°♊18'01	
	-873 Jul 10 j 06:02	0°♋	
superior conj	-873 Jul 17 j 08:27	14°♋21'31	1°46'27
minimum elong	-873 Jul 17 j 07:34	14°♋17'09	1°46'27
max. Earth dist.	-873 Jul 22 j 23:27	25°♋16'07	1.37121 AU
	-873 Jul 25 j 12:34	0°♌	
evening rise	-873 Jul 26 j 21:15	2°♌28'27	
desc. node	-873 Aug 11 j 08:45	27°♌59'56	
	-873 Aug 12 j 16:59	0°♍	
evening max el	-873 Aug 31 j 16:39	24°♍02'36	25°34'02
	-873 Sep 08 j 14:56	0°♎	
retrograde	-873 Sep 12 j 20:35	1°♎02'13	
	-873 Sep 16 j 17:45	30°℞♍	
evening set	-873 Sep 18 j 20:11	28°♍31'17	
min. Earth dist.	-873 Sep 23 j 05:45	23°♍39'17	0.66886 AU
inferior conj	-873 Sep 24 j 09:04	22°♍11'23	-1°-15'-34
minimum elong	-873 Sep 24 j 10:57	22°♍05'19	1°14'48
asc. node	-873 Sep 28 j 01:51	17°♍50'46	
morning rise	-873 Sep 30 j 02:23	16°♍12'16	
direct	-873 Oct 03 j 09:19	15°♍09'42	
morning max el	-873 Oct 10 j 13:26	19°♍14'00	19°22'38
	-873 Oct 18 j 23:51	0°♎	
greatest brilliancy	-873 Oct 20 j 04:02	1°♎42'36	-0.7m
morning set	-873 Nov 03 j 07:22	23°♎21'22	
desc. node	-873 Nov 07 j 08:06	29°♎38'12	
	-873 Nov 07 j 13:41	0°♏	
max. Earth dist.	-873 Nov 16 j 22:10	14°♏40'55	1.44561 AU
superior conj	-873 Nov 20 j 02:57	19°♏45'34	-1°-17'-11
minimum elong	-873 Nov 19 j 18:56	19°♏13'39	1°16'21
	-873 Nov 26 j 11:50	0°♐	
evening rise	-873 Dec 04 j 14:29	13°♐19'59	
	-873 Dec 14 j 16:56	0°♑	
evening max el	-873 Dec 23 j 21:48	12°♑40'37	18°27'20
asc. node	-873 Dec 25 j 01:08	13°♑45'39	
retrograde	-873 Dec 30 j 11:17	16°♑17'01	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-872 Jan 02 j 10:04	15°♉29'14	
inferior conj	-872 Jan 08 j 09:54	9°♉56'42	3°39'29
minimum elong	-872 Jan 08 j 07:47	10°♉02'50	3°39'11
min. Earth dist.	-872 Jan 10 j 13:14	7°♉28'24	0.64274 AU
morning rise	-872 Jan 14 j 04:07	3°♉51'26	
direct	-872 Jan 21 j 01:22	1°♉01'02	
desc. node	-872 Feb 03 j 07:19	8°♉31'30	
morning max el	-872 Feb 03 j 14:11	8°♉48'33	27°25'17
	-872 Feb 20 j 03:12	0°♒	
	-872 Mar 08 j 13:17	0°♓	
morning set	-872 Mar 09 j 16:36	2°♓13'13	
max. Earth dist.	-872 Mar 14 j 15:12	12°♓12'27	1.33576 AU
superior conj	-872 Mar 17 j 16:54	18°♓39'21	0°-44'-7
minimum elong	-872 Mar 17 j 18:59	18°♓50'23	0°43'42
asc. node	-872 Mar 22 j 00:27	27°♓52'08	
	-872 Mar 23 j 00:27	0°♈	
evening rise	-872 Mar 24 j 23:28	4°♈08'27	
	-872 Apr 08 j 06:20	0°♉	
evening max el	-872 Apr 15 j 11:21	8°♉39'02	22°23'11
retrograde	-872 Apr 28 j 10:15	15°♉00'45	
evening set	-872 May 01 j 09:28	14°♉41'24	
desc. node	-872 May 01 j 06:29	14°♉42'57	
min. Earth dist.	-872 May 09 j 18:57	11°♉03'56	0.55267 AU
inferior conj	-872 May 10 j 17:42	10°♉31'43	-2°-34'-47
minimum elong	-872 May 10 j 11:15	10°♉40'52	2°32'48
morning rise	-872 May 19 j 15:03	6°♉37'07	
direct	-872 May 22 j 10:36	6°♉19'01	
morning max el	-872 Jun 02 j 23:39	11°♉42'33	21°08'50
	-872 Jun 16 j 01:43	0°♊	
asc. node	-872 Jun 17 j 23:43	3°♊34'26	
morning set	-872 Jun 22 j 17:26	13°♊01'29	
superior conj	-872 Jun 30 j 05:14	28°♊37'33	1°38'47
minimum elong	-872 Jun 30 j 03:13	28°♊27'05	1°38'38
	-872 Jun 30 j 21:15	0°♋	
max. Earth dist.	-872 Jul 04 j 09:33	7°♋06'26	1.35437 AU
evening rise	-872 Jul 08 j 17:59	15°♋32'59	
	-872 Jul 16 j 19:20	0°♌	
desc. node	-872 Jul 28 j 05:47	17°♌58'08	
	-872 Aug 06 j 06:02	0°♍	
evening max el	-872 Aug 13 j 04:26	7°♍37'36	26°34'38
retrograde	-872 Aug 26 j 01:51	14°♍51'32	
evening set	-872 Sep 01 j 15:15	12°♍09'24	
min. Earth dist.	-872 Sep 05 j 17:06	7°♍55'08	0.66019 AU
inferior conj	-872 Sep 07 j 08:20	5°♍56'55	-2°-10'-29
minimum elong	-872 Sep 07 j 11:34	5°♍47'13	2°09'17
morning rise	-872 Sep 13 j 08:57	0°♍09'22	
asc. node	-872 Sep 13 j 22:55	29°♌52'07	
	-872 Sep 13 j 16:10	30°℞♌	
direct	-872 Sep 16 j 07:12	29°♌21'01	
	-872 Sep 18 j 23:37	0°♍	
morning max el	-872 Sep 23 j 00:03	3°♍03'34	18°36'04
	-872 Oct 11 j 10:48	0°♎	
morning set	-872 Oct 13 j 07:53	3°♎00'41	
desc. node	-872 Oct 24 j 05:08	20°♎19'52	
superior conj	-872 Oct 29 j 04:02	28°♎08'17	0°-31'-53
minimum elong	-872 Oct 28 j 23:50	27°♎51'47	0°31'21
max. Earth dist.	-872 Oct 29 j 16:22	28°♎56'49	1.44992 AU
	-872 Oct 30 j 08:26	0°♏	
evening rise	-872 Nov 14 j 06:06	23°♏31'26	
	-872 Nov 18 j 07:48	0°♐	
evening max el	-872 Dec 06 j 08:07	26°♐06'41	19°02'36
asc. node	-872 Dec 10 j 22:11	29°♐33'01	
	-872 Dec 12 j 12:55	0°♑	
retrograde	-872 Dec 13 j 06:02	0°♑02'53	
	-872 Dec 13 j 23:00	30°℞♐	
evening set	-872 Dec 16 j 10:52	29°♐03'31	
inferior conj	-872 Dec 22 j 04:17	23°♐14'03	3°12'47
minimum elong	-872 Dec 22 j 01:29	23°♐22'50	3°12'07
min. Earth dist.	-872 Dec 23 j 16:33	21°♐20'22	0.65662 AU
morning rise	-872 Dec 27 j 15:11	17°♐03'07	
direct	-871 Jan 03 j 02:44	14°♐14'26	
morning max el	-871 Jan 15 j 23:47	21°♐47'33	26°33'54
desc. node	-871 Jan 20 j 04:22	26°♐20'57	
	-871 Jan 23 j 04:42	0°♑	
	-871 Feb 12 j 08:06	0°♒	
morning set	-871 Feb 20 j 23:26	15°♒30'39	
max. Earth dist.	-871 Feb 25 j 05:30	23°♒44'51	1.34809 AU
	-871 Feb 28 j 08:04	0°♓	
superior conj	-871 Mar 01 j 16:42	2°♓47'24	-1°-9'-39
minimum elong	-871 Mar 01 j 19:52	3°♓03'39	1°09'09
asc. node	-871 Mar 08 j 21:31	17°♓47'42	
evening rise	-871 Mar 09 j 08:21	18°♓43'44	
	-871 Mar 15 j 00:27	0°♈	
evening max el	-871 Mar 28 j 11:49	19°♈36'39	20°55'52
retrograde	-871 Apr 08 j 23:19	25°♈08'51	
evening set	-871 Apr 11 j 05:59	24°♈56'37	
desc. node	-871 Apr 18 j 03:32	22°♈17'28	
inferior conj	-871 Apr 20 j 12:02	20°♈58'49	0°-40'-15
minimum elong	-871 Apr 20 j 10:08	21°♈01'31	0°39'35
min. Earth dist.	-871 Apr 21 j 08:08	20°♈30'16	0.55069 AU
morning rise	-871 Apr 29 j 13:27	16°♈52'05	
direct	-871 May 02 j 21:26	16°♈28'05	
morning max el	-871 May 15 j 21:48	22°♈43'42	22°43'20
	-871 May 22 j 06:55	0°♉	
asc. node	-871 Jun 04 j 20:48	23°♉11'15	
morning set	-871 Jun 07 j 04:06	27°♉55'56	
	-871 Jun 08 j 03:45	0°♊	
superior conj	-871 Jun 14 j 09:09	13°♊15'51	1°25'28
minimum elong	-871 Jun 14 j 06:39	13°♊02'32	1°25'09
max. Earth dist.	-871 Jun 17 j 05:16	19°♊14'08	1.34108 AU
evening rise	-871 Jun 22 j 05:02	29°♊20'47	
	-871 Jun 22 j 13:02	0°♋	
	-871 Jul 09 j 21:54	0°♌	
desc. node	-871 Jul 15 j 02:49	7°♌26'54	
evening max el	-871 Jul 26 j 16:14	21°♌02'04	27°13'48
retrograde	-871 Aug 09 j 01:31	28°♌21'35	
evening set	-871 Aug 16 j 01:39	25°♌36'27	
min. Earth dist.	-871 Aug 19 j 20:32	21°♌59'40	0.64792 AU
inferior conj	-871 Aug 22 j 00:53	19°♌35'01	-3°-2'-42
minimum elong	-871 Aug 22 j 05:08	19°♌23'15	3°01'21
morning rise	-871 Aug 28 j 10:15	14°♌02'29	
direct	-871 Aug 31 j 02:14	13°♌24'55	
asc. node	-871 Aug 31 j 20:00	13°♌27'50	
morning max el	-871 Sep 06 j 14:31	16°♌54'24	18°06'12
	-871 Sep 16 j 01:44	0°♍	
morning set	-871 Sep 24 j 12:43	14°♍02'37	
	-871 Oct 04 j 04:26	0°♎	
superior conj	-871 Oct 08 j 10:24	6°♎51'07	0°17'21
minimum elong	-871 Oct 08 j 12:29	6°♎59'28	0°17'04
desc. node	-871 Oct 11 j 02:09	11°♎05'17	
max. Earth dist.	-871 Oct 12 j 11:14	13°♎16'21	1.44681 AU
	-871 Oct 23 j 03:52	0°♏	
evening rise	-871 Oct 24 j 23:36	2°♏49'21	
	-871 Nov 11 j 23:45	0°♐	
greatest brilliancy	-871 Nov 12 j 05:12	0°♐19'11	-0.6m
evening max el	-871 Nov 19 j 14:12	9°♐34'02	19°53'56
retrograde	-871 Nov 27 j 03:18	13°♐58'42	
asc. node	-871 Nov 27 j 19:14	13°♐56'11	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-871 Nov 30 j 16:00	12°♐45'53	
inferior conj	-871 Dec 06 j 05:01	6°♐42'33	2°36'20
minimum elong	-871 Dec 06 j 02:12	6°♐51'52	2°35'27
min. Earth dist.	-871 Dec 07 j 03:41	5°♐27'18	0.66658 AU
morning rise	-871 Dec 11 j 11:47	0°♐28'00	
	-871 Dec 12 j 00:54	30°℞♏	
direct	-871 Dec 17 j 09:38	27°♏52'04	
	-871 Dec 23 j 11:11	0°♐	
morning max el	-871 Dec 29 j 08:44	4°♐58'19	25°20'42
desc. node	-870 Jan 07 j 01:25	15°♐06'23	
	-870 Jan 17 j 15:58	0°♑	
morning set	-870 Feb 03 j 13:57	27°♑54'55	
	-870 Feb 04 j 17:30	0°♒	
max. Earth dist.	-870 Feb 07 j 08:31	4°♒51'55	1.36477 AU
superior conj	-870 Feb 13 j 07:45	16°♒24'26	-1°-32'-34
minimum elong	-870 Feb 13 j 11:27	16°♒42'49	1°32'08
	-870 Feb 20 j 01:18	0°♓	
evening rise	-870 Feb 21 j 12:48	2°♓59'48	
asc. node	-870 Feb 23 j 18:35	7°♓28'46	
	-870 Mar 09 j 19:32	0°♈	
evening max el	-870 Mar 10 j 23:13	1°♈10'10	19°44'25
retrograde	-870 Mar 20 j 17:47	5°♈51'00	
evening set	-870 Mar 22 j 21:35	5°♈38'19	
inferior conj	-870 Mar 31 j 13:29	1°♈35'34	1°14'18
minimum elong	-870 Mar 31 j 16:32	1°♈30'48	1°13'17
min. Earth dist.	-870 Apr 02 j 22:22	0°♈06'56	0.55812 AU
	-870 Apr 03 j 02:56	30°℞♓	
desc. node	-870 Apr 05 j 00:34	28°♓53'51	
morning rise	-870 Apr 09 j 08:11	27°♓00'11	
direct	-870 Apr 13 j 14:40	26°♓19'37	
	-870 Apr 23 j 14:23	0°♈	
morning max el	-870 Apr 27 j 13:40	3°♈18'55	24°24'04
	-870 May 16 j 04:50	0°♉	
morning set	-870 May 22 j 16:08	12°♉55'46	
asc. node	-870 May 22 j 17:52	13°♉04'52	
superior conj	-870 May 29 j 17:41	28°♉08'32	1°07'46
minimum elong	-870 May 29 j 15:15	27°♉55'25	1°07'22
	-870 May 30 j 14:18	0°♊	
max. Earth dist.	-870 May 31 j 09:48	1°♊44'58	1.33159 AU
evening rise	-870 Jun 06 j 02:22	13°♊39'58	
	-870 Jun 14 j 16:12	0°♋	
desc. node	-870 Jul 01 j 23:51	26°♋14'00	
	-870 Jul 05 j 04:21	0°♌	
evening max el	-870 Jul 09 j 02:13	4°♌04'01	27°25'04
retrograde	-870 Jul 22 j 19:20	11°♌24'10	
evening set	-870 Jul 30 j 00:08	8°♌47'53	
min. Earth dist.	-870 Aug 02 j 14:22	5°♌43'41	0.63199 AU
inferior conj	-870 Aug 05 j 08:04	3°♌00'28	-3°-48'-51
minimum elong	-870 Aug 05 j 12:36	2°♌49'11	3°47'47
	-870 Aug 08 j 13:37	30°℞♋	
morning rise	-870 Aug 12 j 03:19	27°♋46'17	
direct	-870 Aug 14 j 15:28	27°♋16'27	
asc. node	-870 Aug 18 j 17:03	28°♋36'00	
	-870 Aug 20 j 12:35	0°♌	
morning max el	-870 Aug 21 j 06:08	0°♌41'25	17°54'00
morning set	-870 Sep 06 j 17:56	26°♌14'40	
	-870 Sep 08 j 21:18	0°♍	
superior conj	-870 Sep 18 j 15:59	16°♍44'33	0°58'50
minimum elong	-870 Sep 18 j 21:04	17°♍05'44	0°58'12
max. Earth dist.	-870 Sep 25 j 03:06	27°♍19'40	1.43681 AU
	-870 Sep 26 j 19:07	0°♎	
desc. node	-870 Sep 27 j 23:11	1°♎51'44	
evening rise	-870 Oct 04 j 05:59	11°♎42'25	
	-870 Oct 16 j 08:07	0°♏	
greatest brilliancy	-870 Oct 28 j 02:39	16°♏33'31	-0.5m
evening max el	-870 Nov 02 j 14:38	23°♏01'25	20°58'57
retrograde	-870 Nov 11 j 00:49	28°♏01'13	
evening set	-870 Nov 14 j 23:24	26°♏32'55	
asc. node	-870 Nov 14 j 16:17	26°♏45'48	
inferior conj	-870 Nov 20 j 09:44	20°♏19'11	1°52'42
minimum elong	-870 Nov 20 j 07:25	20°♏27'07	1°51'51
min. Earth dist.	-870 Nov 20 j 20:27	19°♏42'25	0.67288 AU
morning rise	-870 Nov 25 j 15:03	14°♏03'16	
direct	-870 Nov 30 j 21:41	11°♏46'40	
morning max el	-870 Dec 11 j 17:23	18°♏13'57	23°55'32
	-870 Dec 21 j 14:28	0°♐	
desc. node	-870 Dec 24 j 22:27	4°♐31'38	
	-869 Jan 10 j 18:33	0°♑	
morning set	-869 Jan 16 j 06:02	9°♑09'31	
max. Earth dist.	-869 Jan 20 j 04:12	16°♑00'29	1.38479 AU
superior conj	-869 Jan 27 j 10:20	29°♑20'27	-1°-50'-25
minimum elong	-869 Jan 27 j 13:32	29°♑35'37	1°50'14
	-869 Jan 27 j 18:40	0°♒	
evening rise	-869 Feb 05 j 10:18	16°♒49'28	
asc. node	-869 Feb 10 j 15:37	26°♒49'21	
	-869 Feb 12 j 09:51	0°♓	
evening max el	-869 Feb 21 j 21:04	13°♓20'45	18°52'16
retrograde	-869 Mar 02 j 03:45	17°♓20'41	
evening set	-869 Mar 04 j 11:03	17°♓03'20	
inferior conj	-869 Mar 12 j 08:47	12°♓44'42	2°41'08
minimum elong	-869 Mar 12 j 13:16	12°♓36'34	2°40'01
min. Earth dist.	-869 Mar 15 j 14:45	10°♓24'38	0.57336 AU
morning rise	-869 Mar 20 j 11:19	7°♓36'54	
desc. node	-869 Mar 22 j 21:38	6°♓47'44	
direct	-869 Mar 25 j 21:29	6°♓25'49	
morning max el	-869 Apr 09 j 05:01	13°♓53'22	25°56'36
	-869 Apr 21 j 22:50	0°♈	
morning set	-869 May 07 j 03:45	27°♈53'57	
	-869 May 08 j 03:37	0°♉	
asc. node	-869 May 09 j 14:54	3°♉08'55	
superior conj	-869 May 14 j 04:42	13°♉07'24	0°46'40
minimum elong	-869 May 14 j 02:48	12°♉57'03	0°46'17
max. Earth dist.	-869 May 14 j 20:10	14°♉32'02	1.32588 AU
evening rise	-869 May 21 j 06:40	28°♉19'14	
	-869 May 22 j 02:13	0°♊	
	-869 Jun 07 j 23:34	0°♋	
desc. node	-869 Jun 18 j 20:53	14°♋00'48	
evening max el	-869 Jun 21 j 08:01	16°♋30'12	27°04'13
retrograde	-869 Jul 05 j 06:24	23°♋48'27	
evening set	-869 Jul 12 j 06:28	21°♋35'22	
min. Earth dist.	-869 Jul 15 j 22:02	18°♋52'24	0.61294 AU
inferior conj	-869 Jul 19 j 02:34	16°♋04'33	-4°-23'-51
minimum elong	-869 Jul 19 j 06:01	15°♋56'56	4°23'24
morning rise	-869 Jul 26 j 08:31	11°♋11'25	
direct	-869 Jul 28 j 19:11	10°♋46'53	
morning max el	-869 Aug 04 j 19:55	14°♋16'21	18°00'28
asc. node	-869 Aug 05 j 14:06	15°♋02'34	
	-869 Aug 15 j 14:28	0°♌	
morning set	-869 Aug 20 j 17:35	9°♌19'37	
superior conj	-869 Aug 31 j 01:00	27°♌59'07	1°27'19
minimum elong	-869 Aug 31 j 05:26	28°♌18'31	1°26'54
	-869 Sep 01 j 04:40	0°♍	
max. Earth dist.	-869 Sep 07 j 13:37	10°♍49'47	1.42123 AU
evening rise	-869 Sep 13 j 19:30	20°♍57'59	
desc. node	-869 Sep 14 j 20:12	22°♍35'47	
	-869 Sep 19 j 14:25	0°♎	
	-869 Oct 10 j 17:11	0°♏	
greatest brilliancy	-869 Oct 11 j 15:47	1°♏09'45	-0.3m

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening max el	-869 Oct 16 j 09:18	6°♏29'39	22°14'04
retrograde	-869 Oct 25 j 20:39	12°♏07'42	
evening set	-869 Oct 30 j 07:13	10°♏22'03	
asc. node	-869 Nov 01 j 13:18	8°♏07'40	
inferior conj	-869 Nov 04 j 16:26	4°♏01'44	1°03'49
minimum elong	-869 Nov 04 j 15:01	4°♏06'42	1°03'13
min. Earth dist.	-869 Nov 04 j 16:23	4°♏01'56	0.67584 AU
	-869 Nov 07 j 18:05	30°℞♎	
morning rise	-869 Nov 09 j 22:38	27°♎46'55	
direct	-869 Nov 14 j 14:05	25°♎52'30	
	-869 Nov 22 j 13:14	0°♏	
morning max el	-869 Nov 24 j 04:15	1°♏33'48	22°28'11
greatest brilliancy	-869 Nov 28 j 19:39	6°♏46'23	-0.3m
desc. node	-869 Dec 11 j 19:29	24°♏25'18	
	-869 Dec 15 j 14:00	0°♐	
morning set	-869 Dec 27 j 17:56	19°♐00'38	
max. Earth dist.	-868 Jan 02 j 00:26	27°♐45'52	1.40592 AU
	-868 Jan 03 j 07:57	0°♑	
superior conj	-868 Jan 09 j 19:46	11°♑23'39	-1°-59'-56
minimum elong	-868 Jan 09 j 20:45	11°♑28'06	1°59'56
evening rise	-868 Jan 19 j 21:47	0°♒05'09	
	-868 Jan 19 j 20:41	0°♒	
asc. node	-868 Jan 28 j 12:39	15°♒42'34	
evening max el	-868 Feb 05 j 02:51	26°♒01'53	18°20'11
retrograde	-868 Feb 12 j 08:23	29°♒36'52	
evening set	-868 Feb 14 j 20:13	29°♒12'24	
inferior conj	-868 Feb 22 j 01:03	24°♒32'52	3°32'05
minimum elong	-868 Feb 22 j 04:01	24°♒26'36	3°31'39
min. Earth dist.	-868 Feb 25 j 11:06	21°♒41'09	0.59318 AU
morning rise	-868 Feb 29 j 08:15	18°♒59'59	
direct	-868 Mar 06 j 17:32	17°♒10'48	
desc. node	-868 Mar 08 j 18:39	17°♒21'44	
morning max el	-868 Mar 21 j 00:41	24°♒52'44	27°06'03
	-868 Mar 25 j 17:46	0°♓	
	-868 Apr 14 j 03:24	0°♈	
morning set	-868 Apr 20 j 13:19	12°♈44'37	
asc. node	-868 Apr 25 j 11:57	23°♈18'59	
superior conj	-868 Apr 27 j 16:27	28°♈06'23	0°22'58
minimum elong	-868 Apr 27 j 15:26	28°♈00'50	0°22'45
max. Earth dist.	-868 Apr 27 j 09:00	27°♈25'30	1.32384 AU
	-868 Apr 28 j 13:09	0°♉	
evening rise	-868 May 04 j 15:29	13°♉10'22	
	-868 May 13 j 05:09	0°♊	
evening max el	-868 Jun 02 j 07:42	28°♊12'54	26°10'54
	-868 Jun 04 j 07:14	0°♋	
desc. node	-868 Jun 04 j 17:54	0°♋22'14	
retrograde	-868 Jun 16 j 08:59	5°♋27'04	
evening set	-868 Jun 22 j 16:10	3°♋49'25	
min. Earth dist.	-868 Jun 26 j 20:37	1°♋11'00	0.59239 AU
	-868 Jun 28 j 10:24	30°℞♊	
inferior conj	-868 Jun 30 j 04:50	28°♊38'07	-4°-39'-33
minimum elong	-868 Jun 30 j 05:17	28°♊37'15	4°39'34
morning rise	-868 Jul 07 j 21:57	24°♊07'29	
direct	-868 Jul 10 j 09:16	23°♊46'23	
morning max el	-868 Jul 18 j 04:48	27°♊30'49	18°26'41
	-868 Jul 20 j 12:10	0°♋	
asc. node	-868 Jul 22 j 11:08	2°♋32'14	
morning set	-868 Aug 03 j 06:33	23°♋03'53	
	-868 Aug 06 j 21:15	0°♌	
superior conj	-868 Aug 12 j 09:34	10°♌23'42	1°42'53
minimum elong	-868 Aug 12 j 11:49	10°♌34'09	1°42'47
max. Earth dist.	-868 Aug 19 j 19:02	23°♌38'35	1.40217 AU
	-868 Aug 23 j 12:39	0°♍	
evening rise	-868 Aug 24 j 06:27	1°♍14'15	
desc. node	-868 Aug 31 j 17:13	13°♍13'38	
	-868 Sep 11 j 23:53	0°♎	
evening max el	-868 Sep 27 j 23:27	20°♎00'18	23°34'08
retrograde	-868 Oct 08 j 13:25	26°♎15'03	
evening set	-868 Oct 13 j 13:47	24°♎10'55	
asc. node	-868 Oct 18 j 10:20	18°♎32'13	
inferior conj	-868 Oct 18 j 23:19	17°♎47'51	0°11'12
minimum elong	-868 Oct 18 j 23:03	17°♎48'45	0°11'05
transit middle	-868 Oct 18 j 23:03	17°♎48'45	0°11'05
transit begin	-868 Oct 18 j 21:04	17°♎55'34	
transit end	-868 Oct 19 j 01:03	17°♎41'57	
min. Earth dist.	-868 Oct 18 j 12:56	18°♎23'22	0.67566 AU
morning rise	-868 Oct 24 j 08:25	11°♎36'57	
direct	-868 Oct 28 j 09:50	10°♎04'33	
morning max el	-868 Nov 05 j 20:50	15°♎01'27	21°06'43
greatest brilliancy	-868 Nov 11 j 08:17	21°♎22'56	-0.5m
	-868 Nov 17 j 16:56	0°♏	
desc. node	-868 Nov 27 j 16:29	14°♏38'56	
morning set	-868 Dec 06 j 02:21	27°♏34'59	
	-868 Dec 07 j 15:14	0°♐	
max. Earth dist.	-868 Dec 14 j 03:36	10°♐27'31	1.42524 AU
superior conj	-868 Dec 21 j 06:29	22°♐20'10	-1°-56'-50
minimum elong	-868 Dec 21 j 03:21	22°♐06'47	1°56'43
	-868 Dec 25 j 16:57	0°♑	
evening rise	-867 Jan 01 j 19:27	12°♑38'23	
	-867 Jan 11 j 18:30	0°♒	
asc. node	-867 Jan 14 j 09:40	3°♒59'12	
evening max el	-867 Jan 18 j 13:27	9°♒03'58	18°07'54
retrograde	-867 Jan 25 j 05:14	12°♒29'35	
evening set	-867 Jan 27 j 21:07	11°♒56'46	
inferior conj	-867 Feb 03 j 12:12	6°♒55'18	3°52'04
minimum elong	-867 Feb 03 j 12:47	6°♒53'53	3°52'02
min. Earth dist.	-867 Feb 06 j 14:06	3°♒56'51	0.61402 AU
morning rise	-867 Feb 10 j 01:54	1°♒05'37	
	-867 Feb 11 j 21:47	30°℞♑	
direct	-867 Feb 16 j 23:47	28°♑42'37	
	-867 Feb 22 j 08:30	0°♒	
desc. node	-867 Feb 23 j 15:41	0°♒39'45	
morning max el	-867 Mar 03 j 02:35	6°♒31'08	27°42'13
	-867 Mar 20 j 20:41	0°♓	
morning set	-867 Apr 04 j 18:55	27°♓21'03	
	-867 Apr 06 j 01:41	0°♈	
max. Earth dist.	-867 Apr 10 j 20:33	10°♈12'12	1.32541 AU
superior conj	-867 Apr 12 j 03:17	12°♈59'24	0°-2'-31
minimum elong	-867 Apr 12 j 03:23	13°♈00'01	0°02'30
behind sun begin	-867 Apr 11 j 22:21	12°♈32'34	
behind sun end	-867 Apr 12 j 08:25	13°♈27'28	
asc. node	-867 Apr 12 j 09:00	13°♈30'38	
evening rise	-867 Apr 19 j 02:43	28°♈05'51	
	-867 Apr 20 j 00:26	0°♉	
	-867 May 07 j 03:30	0°♊	
evening max el	-867 May 15 j 01:04	9°♊14'02	24°51'10
desc. node	-867 May 22 j 14:55	14°♊45'26	
retrograde	-867 May 29 j 00:41	16°♊19'28	
evening set	-867 Jun 03 j 03:01	15°♊20'20	
min. Earth dist.	-867 Jun 08 j 12:43	12°♊29'29	0.57294 AU
inferior conj	-867 Jun 11 j 11:44	10°♊32'14	-4°-24'-35
minimum elong	-867 Jun 11 j 07:46	10°♊38'51	4°24'07
morning rise	-867 Jun 19 j 16:23	6°♊22'51	
direct	-867 Jun 22 j 05:43	6°♊04'08	
morning max el	-867 Jul 01 j 05:54	10°♊16'03	19°13'40
asc. node	-867 Jul 09 j 08:12	20°♊51'21	
	-867 Jul 14 j 11:12	0°♋	
morning set	-867 Jul 18 j 04:59	7°♋17'37	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-867 Jul	26 j 12:02	23°♋43'05	1°47'41
minimum elong	-867 Jul	26 j 12:08	23°♋43'36	1°47'42
	-867 Jul	29 j 18:50	0°♌	
max. Earth dist.	-867 Aug	01 j 22:08	5°♌49'12	1.38215 AU
evening rise	-867 Aug	05 j 18:38	12°♌42'45	
	-867 Aug	16 j 05:04	0°♍	
desc. node	-867 Aug	18 j 14:15	3°♍41'09	
	-867 Sep	07 j 02:00	0°♎	
evening max el	-867 Sep	10 j 11:15	3°♎34'35	24°52'32
retrograde	-867 Sep	22 j 02:13	10°♎20'08	
evening set	-867 Sep	27 j 17:27	7°♎58'03	
min. Earth dist.	-867 Oct	02 j 07:44	2°♎45'20	0.67232 AU
inferior conj	-867 Oct	03 j 04:42	1°♎36'01	0°-43'-34
minimum elong	-867 Oct	03 j 05:47	1°♎32'28	0°43'09
	-867 Oct	04 j 10:07	30°℞♍	
asc. node	-867 Oct	05 j 07:22	28°♍53'50	
morning rise	-867 Oct	08 j 18:33	25°♍31'57	
direct	-867 Oct	12 j 07:39	24°♍19'26	
morning max el	-867 Oct	19 j 21:04	28°♍39'49	19°56'38
	-867 Oct	21 j 03:15	0°♎	
greatest brilliancy	-867 Oct	27 j 08:04	7°♎51'55	-0.6m
	-867 Nov	11 j 05:44	0°♏	
morning set	-867 Nov	14 j 23:09	5°♏44'20	
desc. node	-867 Nov	14 j 13:32	5°♏07'11	
max. Earth dist.	-867 Nov	26 j 14:41	24°♏00'14	1.44001 AU
	-867 Nov	30 j 08:19	0°♐	
superior conj	-867 Dec	01 j 14:25	2°♐02'01	-1°-36'-55
minimum elong	-867 Dec	01 j 07:03	1°♐32'08	1°36'19
evening rise	-867 Dec	14 j 23:09	24°♐21'47	
	-867 Dec	18 j 06:11	0°♑	
asc. node	-866 Jan	01 j 06:42	21°♑28'38	
evening max el	-866 Jan	02 j 01:56	22°♑19'30	18°14'49
retrograde	-866 Jan	08 j 13:53	25°♑48'57	
evening set	-866 Jan	11 j 09:51	25°♑06'56	
inferior conj	-866 Jan	17 j 14:25	19°♑44'50	3°49'00
minimum elong	-866 Jan	17 j 13:04	19°♑48'34	3°48'53
min. Earth dist.	-866 Jan	20 j 02:25	17°♑01'13	0.63317 AU
morning rise	-866 Jan	23 j 14:33	13°♑44'00	
direct	-866 Jan	30 j 14:22	10°♑59'32	
desc. node	-866 Feb	10 j 12:44	16°♑10'08	
morning max el	-866 Feb	13 j 09:43	18°♑49'30	27°41'31
	-866 Feb	22 j 21:30	0°♒	
	-866 Mar	13 j 17:27	0°♓	
morning set	-866 Mar	19 j 18:15	11°♓35'18	
max. Earth dist.	-866 Mar	25 j 02:51	22°♓38'14	1.33080 AU
superior conj	-866 Mar	27 j 11:27	27°♓40'18	0°-28'-54
minimum elong	-866 Mar	27 j 12:49	27°♓47'39	0°28'37
	-866 Mar	28 j 13:24	0°♈	
asc. node	-866 Mar	30 j 06:03	3°♈39'30	
evening rise	-866 Apr	03 j 14:29	12°♈58'43	
	-866 Apr	12 j 07:00	0°♉	
evening max el	-866 Apr	26 j 15:50	19°♉50'58	23°17'26
desc. node	-866 May	09 j 11:57	26°♉33'53	
retrograde	-866 May	10 j 04:07	26°♉34'54	
evening set	-866 May	13 j 20:14	26°♉05'19	
min. Earth dist.	-866 May	21 j 01:52	22°♉48'24	0.55793 AU
inferior conj	-866 May	22 j 22:47	21°♉42'19	-3°-27'-33
minimum elong	-866 May	22 j 15:51	21°♉52'34	3°25'51
morning rise	-866 May	31 j 14:47	17°♉46'56	
direct	-866 Jun	03 j 07:04	17°♉29'30	
morning max el	-866 Jun	13 j 20:54	22°♉23'14	20°21'25
	-866 Jun	20 j 06:24	0°♊	
asc. node	-866 Jun	26 j 05:17	9°♊47'43	
morning set	-866 Jul	02 j 09:54	21°♊52'05	
	-866 Jul	06 j 08:56	0°♋	

superior conj	-866 Jul	10 j 03:19	7°♋42'00	1°44'00
minimum elong	-866 Jul	10 j 01:52	7°♋34'41	1°43'56
max. Earth dist.	-866 Jul	15 j 03:52	17°♋38'20	1.36358 AU
evening rise	-866 Jul	19 j 04:53	25°♋15'35	
	-866 Jul	21 j 19:40	0°♌	
desc. node	-866 Aug	05 j 11:17	23°♌52'04	
	-866 Aug	09 j 17:44	0°♍	
evening max el	-866 Aug	23 j 22:32	17°♍09'55	26°01'53
retrograde	-866 Sep	05 j 10:26	24°♍17'00	
evening set	-866 Sep	11 j 16:17	21°♍40'10	
min. Earth dist.	-866 Sep	15 j 22:24	17°♍04'24	0.66562 AU
inferior conj	-866 Sep	17 j 06:45	15°♍23'00	-1°-39'-1
minimum elong	-866 Sep	17 j 09:13	15°♍15'16	1°38'03
asc. node	-866 Sep	22 j 04:26	10°♍07'06	
morning rise	-866 Sep	23 j 03:01	9°♍28'43	
direct	-866 Sep	26 j 05:56	8°♍32'45	
morning max el	-866 Oct	03 j 04:27	12°♍26'31	19°00'55
	-866 Oct	16 j 00:13	0°♎	
morning set	-866 Oct	25 j 08:41	14°♎37'47	
desc. node	-866 Nov	01 j 10:36	25°♎45'00	
	-866 Nov	04 j 03:35	0°♏	
max. Earth dist.	-866 Nov	09 j 06:59	8°♏04'57	1.44833 AU
superior conj	-866 Nov	10 j 22:33	10°♏40'59	0°-59'-17
minimum elong	-866 Nov	10 j 15:26	10°♏12'54	0°58'28
	-866 Nov	23 j 00:50	0°♐	
evening rise	-866 Nov	26 j 04:39	5°♐07'45	
	-866 Dec	11 j 22:21	0°♑	
evening max el	-866 Dec	16 j 13:40	5°♑42'53	18°40'10
asc. node	-866 Dec	19 j 03:43	7°♑57'43	
retrograde	-866 Dec	23 j 06:00	9°♑26'58	
evening set	-866 Dec	26 j 07:05	8°♑34'33	
inferior conj	-865 Jan	01 j 03:54	2°♑54'18	3°29'33
minimum elong	-865 Jan	01 j 01:24	3°♑01'48	3°29'06
min. Earth dist.	-865 Jan	03 j 00:41	0°♑39'50	0.64908 AU
	-865 Jan	03 j 14:21	30°℞♐	
morning rise	-865 Jan	06 j 18:33	26°♐46'02	
direct	-865 Jan	13 j 12:09	23°♐54'53	
	-865 Jan	25 j 02:24	0°♑	
morning max el	-865 Jan	26 j 19:23	1°♑38'22	27°06'44
desc. node	-865 Jan	28 j 09:48	3°♑17'39	
	-865 Feb	17 j 00:35	0°♒	
morning set	-865 Mar	03 j 08:19	25°♒17'56	
	-865 Mar	05 j 17:50	0°♓	
max. Earth dist.	-865 Mar	07 j 23:55	4°♓32'13	1.34043 AU
superior conj	-865 Mar	11 j 15:02	12°♓03'05	0°-55'-8
minimum elong	-865 Mar	11 j 17:36	12°♓16'35	0°54'41
asc. node	-865 Mar	17 j 03:06	23°♓41'39	
evening rise	-865 Mar	19 j 01:01	27°♓42'48	
	-865 Mar	20 j 03:29	0°♈	
	-865 Apr	07 j 21:06	0°♉	
evening max el	-865 Apr	08 j 11:06	0°♉34'26	21°44'28
retrograde	-865 Apr	20 j 20:51	6°♉37'06	
evening set	-865 Apr	23 j 10:44	6°♉22'10	
desc. node	-865 Apr	26 j 08:58	5°♉32'00	
inferior conj	-865 May	02 j 19:52	2°♉19'12	-1°-48'-30
minimum elong	-865 May	02 j 14:55	2°♉26'09	1°46'51
min. Earth dist.	-865 May	02 j 15:04	2°♉25'56	0.55060 AU
	-865 May	07 j 04:49	30°℞♈	
morning rise	-865 May	11 j 20:01	28°♈21'50	
direct	-865 May	14 j 19:20	28°♈02'22	
	-865 May	21 j 22:01	0°♉	
morning max el	-865 May	27 j 00:59	3°♉48'34	21°47'35
asc. node	-865 Jun	13 j 02:23	29°♉12'18	
	-865 Jun	13 j 12:04	0°♊	
morning set	-865 Jun	16 j 19:02	6°♊41'04	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-865 Jun 24 j 03:32	22°♊09'05	1°33'45
minimum elong	-865 Jun 24 j 01:14	21°♊57'02	1°33'32
max. Earth dist.	-865 Jun 27 j 17:37	29°♊33'02	1.34819 AU
	-865 Jun 27 j 22:56	0°♋	
evening rise	-865 Jul 02 j 08:17	8°♋40'17	
	-865 Jul 14 j 08:51	0°♌	
desc. node	-865 Jul 23 j 08:18	13°♌38'59	
	-865 Aug 05 j 17:30	0°♍	
evening max el	-865 Aug 06 j 10:14	0°♍40'55	26°54'17
retrograde	-865 Aug 19 j 13:34	7°♍59'01	
evening set	-865 Aug 26 j 08:01	5°♍14'08	
min. Earth dist.	-865 Aug 30 j 06:39	1°♍16'06	0.65539 AU
	-865 Aug 31 j 08:52	30°℞♌	
inferior conj	-865 Sep 01 j 03:26	29°♌05'40	-2°-33'-10
minimum elong	-865 Sep 01 j 07:09	28°♌54'50	2°31'51
morning rise	-865 Sep 07 j 07:37	23°♌24'12	
asc. node	-865 Sep 09 j 01:32	22°♌47'10	
direct	-865 Sep 10 j 02:47	22°♌41'02	
morning max el	-865 Sep 16 j 17:03	26°♌17'17	18°21'15
	-865 Sep 19 j 21:32	0°♍	
morning set	-865 Oct 05 j 21:13	24°♍52'07	
	-865 Oct 09 j 00:54	0°♎	
desc. node	-865 Oct 19 j 07:37	16°♎28'35	
superior conj	-865 Oct 20 j 23:02	19°♎04'25	0°-10'-42
minimum elong	-865 Oct 20 j 21:38	18°♎58'53	0°10'31
behind sun begin	-865 Oct 20 j 13:00	18°♎24'49	
behind sun end	-865 Oct 21 j 06:15	19°♎32'56	
max. Earth dist.	-865 Oct 23 j 01:16	22°♎22'25	1.44943 AU
	-865 Oct 27 j 21:49	0°♏	
evening rise	-865 Nov 06 j 10:06	14°♏53'57	
	-865 Nov 16 j 02:07	0°♐	
greatest brilliancy	-865 Nov 20 j 17:04	7°♐01'52	-0.7m
evening max el	-865 Nov 29 j 22:21	19°♐09'40	19°22'38
asc. node	-865 Dec 06 j 00:46	23°♐11'02	
retrograde	-865 Dec 07 j 02:08	23°♐17'19	
evening set	-865 Dec 10 j 09:59	22°♐12'42	
inferior conj	-865 Dec 16 j 01:18	16°♐17'06	2°58'21
minimum elong	-865 Dec 15 j 22:25	16°♐26'22	2°57'35
min. Earth dist.	-865 Dec 17 j 07:41	14°♐39'13	0.66127 AU
morning rise	-865 Dec 21 j 10:03	10°♐04'10	
direct	-865 Dec 27 j 16:08	7°♐19'31	
morning max el	-864 Jan 09 j 04:46	14°♐43'42	26°04'51
desc. node	-864 Jan 15 j 06:51	21°♐33'28	
	-864 Jan 21 j 17:46	0°♑	
	-864 Feb 09 j 19:19	0°♒	
morning set	-864 Feb 14 j 08:54	8°♒15'11	
max. Earth dist.	-864 Feb 18 j 08:55	15°♒50'33	1.35463 AU
superior conj	-864 Feb 23 j 11:30	25°♒59'20	-1°-19'-49
minimum elong	-864 Feb 23 j 14:58	26°♒16'59	1°19'19
	-864 Feb 25 j 10:37	0°♓	
evening rise	-864 Mar 02 j 08:16	12°♓10'46	
asc. node	-864 Mar 03 j 00:08	13°♓31'44	
	-864 Mar 11 j 18:18	0°♈	
evening max el	-864 Mar 20 j 16:11	11°♈47'05	20°23'18
retrograde	-864 Mar 31 j 10:26	16°♈56'30	
evening set	-864 Apr 02 j 14:24	16°♈44'51	
inferior conj	-864 Apr 11 j 15:32	12°♈47'10	0°10'17
minimum elong	-864 Apr 11 j 16:00	12°♈46'29	0°10'07
transit middle	-864 Apr 11 j 16:00	12°♈46'29	0°10'07
transit begin	-864 Apr 11 j 12:53	12°♈51'03	
transit end	-864 Apr 11 j 19:07	12°♈41'55	
desc. node	-864 Apr 12 j 06:01	12°♈25'55	
min. Earth dist.	-864 Apr 13 j 04:58	11°♈52'22	0.55277 AU
morning rise	-864 Apr 20 j 15:26	8°♈29'15	
direct	-864 Apr 24 j 07:51	7°♈59'41	
morning max el	-864 May 07 j 19:49	14°♈36'17	23°26'03
	-864 May 19 j 18:39	0°♉	
asc. node	-864 May 29 j 23:27	18°♉56'50	
morning set	-864 May 31 j 06:28	21°♉38'10	
	-864 Jun 04 j 04:40	0°♊	
superior conj	-864 Jun 07 j 09:41	6°♊54'21	1°18'26
minimum elong	-864 Jun 07 j 07:09	6°♊40'46	1°18'04
max. Earth dist.	-864 Jun 09 j 17:07	11°♊49'34	1.33659 AU
evening rise	-864 Jun 15 j 00:09	22°♊42'56	
	-864 Jun 18 j 18:08	0°♋	
	-864 Jul 07 j 02:19	0°♌	
desc. node	-864 Jul 09 j 05:19	2°♌51'46	
evening max el	-864 Jul 18 j 21:36	13°♌57'42	27°22'25
retrograde	-864 Aug 01 j 10:59	21°♌18'10	
evening set	-864 Aug 08 j 13:48	18°♌35'27	
min. Earth dist.	-864 Aug 12 j 06:20	15°♌13'08	0.64151 AU
inferior conj	-864 Aug 14 j 16:21	12°♌39'24	-3°-23'-19
minimum elong	-864 Aug 14 j 20:51	12°♌27'28	3°22'02
morning rise	-864 Aug 21 j 05:46	7°♌14'02	
direct	-864 Aug 23 j 19:45	6°♌40'09	
asc. node	-864 Aug 25 j 22:37	7°♌03'10	
morning max el	-864 Aug 30 j 08:18	10°♌07'03	17°58'45
	-864 Sep 12 j 18:44	0°♍	
morning set	-864 Sep 16 j 13:10	6°♍26'11	
superior conj	-864 Sep 29 j 13:51	28°♍13'30	0°36'22
minimum elong	-864 Sep 29 j 17:46	28°♍29'21	0°35'51
	-864 Sep 30 j 16:07	0°♎	
max. Earth dist.	-864 Oct 04 j 18:53	6°♎36'13	1.44331 AU
desc. node	-864 Oct 05 j 04:38	7°♎15'00	
evening rise	-864 Oct 15 j 20:52	23°♎56'19	
	-864 Oct 19 j 19:39	0°♏	
greatest brilliancy	-864 Nov 05 j 16:05	24°♏49'01	-0.6m
	-864 Nov 09 j 17:29	0°♐	
evening max el	-864 Nov 12 j 02:14	2°♐37'47	20°20'12
retrograde	-864 Nov 19 j 23:38	7°♐16'28	
asc. node	-864 Nov 21 j 21:48	6°♐55'18	
evening set	-864 Nov 23 j 16:17	5°♐57'24	
inferior conj	-864 Nov 29 j 03:59	29°♏49'31	2°18'36
minimum elong	-864 Nov 29 j 01:19	29°♏58'28	2°17'42
	-864 Nov 29 j 00:52	30°℞♏	
min. Earth dist.	-864 Nov 29 j 21:28	28°♏50'33	0.66969 AU
morning rise	-864 Dec 04 j 09:50	23°♏34'13	
direct	-864 Dec 10 j 01:26	21°♏05'39	
morning max el	-864 Dec 21 j 13:08	27°♏56'18	24°45'19
	-864 Dec 23 j 12:11	0°♐	
desc. node	-863 Jan 01 j 03:53	10°♐37'43	
	-863 Jan 14 j 11:09	0°♑	
morning set	-863 Jan 26 j 14:37	20°♑11'54	
max. Earth dist.	-863 Jan 30 j 07:43	26°♑52'57	1.37302 AU
	-863 Feb 01 j 00:11	0°♒	
superior conj	-863 Feb 05 j 21:45	9°♒20'41	-1°-40'-55
minimum elong	-863 Feb 06 j 01:24	9°♒38'29	1°40'35
evening rise	-863 Feb 14 j 10:04	26°♒16'29	
	-863 Feb 16 j 07:11	0°♓	
asc. node	-863 Feb 17 j 21:09	3°♓04'50	
evening max el	-863 Mar 03 j 08:20	23°♓37'15	19°19'46
retrograde	-863 Mar 12 j 10:09	27°♓58'20	
evening set	-863 Mar 14 j 15:20	27°♓43'55	
inferior conj	-863 Mar 22 j 23:37	23°♓35'28	1°55'25
minimum elong	-863 Mar 23 j 03:46	23°♓28'37	1°54'09
min. Earth dist.	-863 Mar 25 j 19:47	21°♓43'16	0.56393 AU
desc. node	-863 Mar 30 j 03:03	19°♓19'44	
morning rise	-863 Mar 31 j 12:20	18°♓46'13	
direct	-863 Apr 05 j 06:52	17°♓54'03	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning max el	-863 Apr 19 j 10:28	25°♓06'45	25°05'12
	-863 Apr 23 j 23:13	0°♈	
	-863 May 12 j 13:08	0°♉	
morning set	-863 May 15 j 18:29	6°♉37'45	
asc. node	-863 May 16 j 20:28	8°♉55'19	
superior conj	-863 May 22 j 19:27	21°♉50'09	0°59'10
minimum elong	-863 May 22 j 17:13	21°♉37'54	0°58'46
max. Earth dist.	-863 May 24 j 00:39	24°♉28'52	1.32880 AU
	-863 May 26 j 14:13	0°♊	
evening rise	-863 May 30 j 00:48	7°♊11'53	
	-863 Jun 11 j 06:14	0°♋	
desc. node	-863 Jun 26 j 02:21	21°♋15'40	
evening max el	-863 Jul 01 j 06:21	26°♋46'31	27°20'19
	-863 Jul 05 j 00:48	0°♌	
retrograde	-863 Jul 15 j 01:48	4°♌05'08	
evening set	-863 Jul 22 j 05:54	1°♌37'21	
	-863 Jul 24 j 09:03	30°℞♋	
min. Earth dist.	-863 Jul 25 j 19:52	28°♋43'45	0.62420 AU
inferior conj	-863 Jul 28 j 18:34	25°♋56'53	-4°-5'-30
minimum elong	-863 Jul 28 j 22:50	25°♋46'45	4°04'40
morning rise	-863 Aug 04 j 18:15	20°♋51'04	
direct	-863 Aug 07 j 05:34	20°♋23'38	
asc. node	-863 Aug 12 j 19:41	22°♋46'19	
morning max el	-863 Aug 13 j 23:24	23°♋49'19	17°54'23
	-863 Aug 18 j 22:09	0°♌	
morning set	-863 Aug 30 j 02:56	19°♌02'50	
	-863 Sep 05 j 06:39	0°♍	
superior conj	-863 Sep 10 j 07:10	8°♍41'18	1°12'35
minimum elong	-863 Sep 10 j 12:18	9°♍03'08	1°12'01
max. Earth dist.	-863 Sep 17 j 09:10	20°♍28'59	1.43077 AU
desc. node	-863 Sep 22 j 01:39	28°♍00'46	
	-863 Sep 23 j 07:50	0°♎	
evening rise	-863 Sep 25 j 04:01	2°♎53'09	
	-863 Oct 13 j 07:57	0°♏	
greatest brilliancy	-863 Oct 21 j 00:04	10°♏19'48	-0.4m
evening max el	-863 Oct 26 j 00:13	16°♏05'33	21°29'59
retrograde	-863 Nov 03 j 20:30	21°♏20'53	
evening set	-863 Nov 08 j 00:02	19°♏45'14	
asc. node	-863 Nov 08 j 18:51	19°♏05'19	
inferior conj	-863 Nov 13 j 09:44	13°♏28'23	1°32'31
minimum elong	-863 Nov 13 j 07:45	13°♏35'12	1°31'44
min. Earth dist.	-863 Nov 13 j 15:43	13°♏07'43	0.67457 AU
morning rise	-863 Nov 18 j 15:11	7°♏12'54	
direct	-863 Nov 23 j 15:20	5°♏05'39	
morning max el	-863 Dec 03 j 22:14	11°♏12'58	23°18'09
greatest brilliancy	-863 Dec 09 j 03:49	17°♏05'58	-0.2m
	-863 Dec 18 j 20:24	0°♐	
desc. node	-863 Dec 19 j 00:54	0°♐15'59	
	-862 Jan 07 j 06:53	0°♑	
morning set	-862 Jan 07 j 19:09	0°♑51'21	
max. Earth dist.	-862 Jan 12 j 03:04	8°♑14'57	1.39386 AU
superior conj	-862 Jan 19 j 17:39	21°♑55'43	-1°-55'-43
minimum elong	-862 Jan 19 j 20:09	22°♑07'20	1°55'37
	-862 Jan 24 j 00:29	0°♒	
evening rise	-862 Jan 29 j 03:41	9°♒52'38	
asc. node	-862 Feb 04 j 18:10	22°♒14'46	
	-862 Feb 09 j 12:04	0°♓	
evening max el	-862 Feb 14 j 09:52	6°♓01'40	18°36'07
retrograde	-862 Feb 22 j 04:21	9°♓49'09	
evening set	-862 Feb 24 j 13:41	9°♓28'54	
inferior conj	-862 Mar 04 j 03:50	5°♓01'17	3°07'02
minimum elong	-862 Mar 04 j 07:54	4°♓53'23	3°06'10
min. Earth dist.	-862 Mar 07 j 13:12	2°♓25'12	0.58146 AU
	-862 Mar 11 j 07:51	30°℞♒	
morning rise	-862 Mar 11 j 22:13	29°♒41'53	
desc. node	-862 Mar 17 j 00:04	28°♒16'48	
direct	-862 Mar 17 j 19:09	28°♒15'12	
	-862 Mar 24 j 09:44	0°♓	
morning max el	-862 Apr 01 j 03:13	5°♓49'23	26°29'47
	-862 Apr 18 j 22:27	0°♈	
morning set	-862 Apr 30 j 05:29	21°♈34'17	
asc. node	-862 May 03 j 17:30	29°♈02'53	
	-862 May 04 j 04:01	0°♉	
superior conj	-862 May 07 j 07:00	6°♉50'18	0°36'53
minimum elong	-862 May 07 j 05:27	6°♉41'46	0°36'34
max. Earth dist.	-862 May 07 j 12:47	7°♉22'00	1.32462 AU
evening rise	-862 May 14 j 07:20	21°♉57'48	
	-862 May 18 j 06:22	0°♊	
	-862 Jun 05 j 12:59	0°♋	
desc. node	-862 Jun 12 j 23:22	8°♋30'19	
evening max el	-862 Jun 13 j 09:45	8°♋55'20	26°45'13
retrograde	-862 Jun 27 j 09:14	16°♋11'42	
evening set	-862 Jul 04 j 04:00	14°♋12'20	
min. Earth dist.	-862 Jul 07 j 23:13	11°♋33'50	0.60431 AU
inferior conj	-862 Jul 11 j 06:38	8°♋49'48	-4°-33'-28
minimum elong	-862 Jul 11 j 09:04	8°♋44'46	4°33'17
morning rise	-862 Jul 18 j 17:18	4°♋06'19	
direct	-862 Jul 21 j 04:10	3°♋43'19	
morning max el	-862 Jul 28 j 11:31	7°♋17'18	18°09'11
asc. node	-862 Jul 30 j 16:43	9°♋42'08	
	-862 Aug 12 j 01:30	0°♌	
morning set	-862 Aug 13 j 08:50	2°♌26'35	
superior conj	-862 Aug 23 j 02:59	20°♌28'26	1°35'23
minimum elong	-862 Aug 23 j 06:34	20°♌44'27	1°35'07
	-862 Aug 28 j 13:10	0°♍	
max. Earth dist.	-862 Aug 30 j 17:50	3°♍44'07	1.41343 AU
evening rise	-862 Sep 05 j 01:34	12°♍31'39	
desc. node	-862 Sep 08 j 22:42	18°♍42'54	
	-862 Sep 16 j 07:29	0°♎	
greatest brilliancy	-862 Oct 03 j 16:52	23°♎58'35	-0.3m
evening max el	-862 Oct 08 j 16:39	29°♎34'09	22°47'47
	-862 Oct 09 j 03:02	0°♏	
retrograde	-862 Oct 18 j 15:12	5°♏28'21	
evening set	-862 Oct 23 j 07:32	3°♏34'36	
asc. node	-862 Oct 26 j 15:54	29°♎57'23	
	-862 Oct 26 j 15:05	30°℞♎	
inferior conj	-862 Oct 28 j 16:43	27°♎12'28	0°41'51
minimum elong	-862 Oct 28 j 15:45	27°♎15'49	0°41'25
min. Earth dist.	-862 Oct 28 j 12:09	27°♎28'13	0.67617 AU
morning rise	-862 Nov 02 j 23:56	20°♎59'09	
direct	-862 Nov 07 j 09:08	19°♎14'31	
morning max el	-862 Nov 16 j 11:20	24°♎36'12	21°52'27
	-862 Nov 21 j 05:44	0°♏	
greatest brilliancy	-862 Nov 21 j 07:08	0°♏04'19	-0.4m
desc. node	-862 Dec 05 j 21:56	20°♏18'50	
	-862 Dec 12 j 07:47	0°♐	
morning set	-862 Dec 18 j 18:33	10°♐06'40	
max. Earth dist.	-862 Dec 25 j 02:01	20°♐24'15	1.41451 AU
	-862 Dec 30 j 17:34	0°♑	
superior conj	-861 Jan 01 j 18:01	3°♑31'27	-2°00'-26
minimum elong	-861 Jan 01 j 17:27	3°♑28'58	2°00'26
evening rise	-861 Jan 12 j 09:46	22°♑51'16	
	-861 Jan 16 j 07:05	0°♒	
asc. node	-861 Jan 22 j 15:12	10°♒53'39	
evening max el	-861 Jan 28 j 17:58	18°♒52'13	18°12'34
retrograde	-861 Feb 04 j 16:34	22°♒21'56	
evening set	-861 Feb 07 j 06:01	21°♒54'09	
inferior conj	-861 Feb 14 j 04:34	17°♒05'08	3°43'55

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-861 Feb 14 j 06:31	17°♒00'44	3°43'43
min. Earth dist.	-861 Feb 17 j 12:10	14°♒07'28	0.60200 AU
morning rise	-861 Feb 21 j 03:52	11°♒23'53	
direct	-861 Feb 27 j 19:37	9°♒19'20	
desc. node	-861 Mar 03 j 21:07	10°♒02'49	
morning max el	-861 Mar 14 j 01:45	17°♒05'24	27°26'02
	-861 Mar 24 j 18:28	0°♓	
	-861 Apr 11 j 10:35	0°♈	
morning set	-861 Apr 14 j 13:39	6°♈20'21	
asc. node	-861 Apr 20 j 14:31	19°♈14'17	
max. Earth dist.	-861 Apr 21 j 01:35	20°♈14'46	1.32401 AU
superior conj	-861 Apr 21 j 18:34	21°♈47'45	0°12'21
minimum elong	-861 Apr 21 j 18:01	21°♈44'41	0°12'14
behind sun begin	-861 Apr 21 j 14:48	21°♈27'07	
behind sun end	-861 Apr 21 j 21:13	22°♈02'16	
	-861 Apr 25 j 12:35	0°♉	
evening rise	-861 Apr 28 j 17:24	6°♉51'44	
	-861 May 10 j 21:48	0°♊	
evening max el	-861 May 26 j 06:18	20°♊18'41	25°39'31
desc. node	-861 May 30 j 20:23	24°♊06'17	
retrograde	-861 Jun 09 j 07:45	27°♊30'57	
evening set	-861 Jun 15 j 04:02	26°♊09'41	
min. Earth dist.	-861 Jun 19 j 18:31	23°♊28'01	0.58381 AU
inferior conj	-861 Jun 23 j 00:56	21°♊07'32	-4°-37'-43
minimum elong	-861 Jun 22 j 23:35	21°♊09'59	4°37'40
morning rise	-861 Jun 30 j 23:00	16°♊46'46	
direct	-861 Jul 03 j 10:58	16°♊26'54	
morning max el	-861 Jul 11 j 17:33	20°♊21'10	18°44'08
asc. node	-861 Jul 17 j 13:46	27°♊34'34	
	-861 Jul 19 j 03:01	0°♋	
morning set	-861 Jul 28 j 02:14	16°♋24'22	
	-861 Aug 04 j 02:07	0°♌	
superior conj	-861 Aug 05 j 19:54	3°♌18'40	1°46'06
minimum elong	-861 Aug 05 j 21:11	3°♌24'46	1°46'04
max. Earth dist.	-861 Aug 12 j 21:16	16°♌13'38	1.39361 AU
evening rise	-861 Aug 16 j 23:19	23°♌18'36	
	-861 Aug 20 j 23:40	0°♍	
desc. node	-861 Aug 26 j 19:45	9°♍17'03	
	-861 Sep 10 j 04:21	0°♎	
evening max el	-861 Sep 21 j 05:21	13°♎05'52	24°08'04
retrograde	-861 Oct 02 j 06:35	19°♎35'30	
evening set	-861 Oct 07 j 13:08	17°♎23'30	
inferior conj	-861 Oct 12 j 23:12	11°♎00'05	0°-11'-51
minimum elong	-861 Oct 12 j 23:29	10°♎59'07	0°11'46
transit middle	-861 Oct 12 j 23:29	10°♎59'07	0°11'46
transit begin	-861 Oct 12 j 21:36	11°♎05'30	
transit end	-861 Oct 13 j 01:23	10°♎52'44	
min. Earth dist.	-861 Oct 12 j 08:21	11°♎50'20	0.67459 AU
asc. node	-861 Oct 13 j 12:57	10°♎13'46	
morning rise	-861 Oct 18 j 10:06	4°♎51'38	
direct	-861 Oct 22 j 05:55	3°♎28'13	
morning max el	-861 Oct 30 j 07:10	8°♎08'56	20°35'14
greatest brilliancy	-861 Nov 05 j 11:44	15°♎30'04	-0.5m
	-861 Nov 15 j 17:07	0°♏	
desc. node	-861 Nov 22 j 19:00	10°♏39'34	
morning set	-861 Nov 27 j 19:13	18°♏22'13	
	-861 Dec 05 j 04:29	0°♐	
max. Earth dist.	-861 Dec 07 j 08:13	3°♐27'41	1.43213 AU
superior conj	-861 Dec 13 j 17:37	13°♐56'43	-1°-50'-37
minimum elong	-861 Dec 13 j 12:28	13°♐35'15	1°50'20
	-861 Dec 23 j 02:59	0°♑	
evening rise	-861 Dec 26 j 00:23	5°♑04'34	
asc. node	-860 Jan 09 j 12:15	28°♑52'09	
	-860 Jan 10 j 09:55	0°♒	
evening max el	-860 Jan 12 j 05:44	2°♒01'14	18°08'37
retrograde	-860 Jan 18 j 18:55	5°♒27'06	
evening set	-860 Jan 21 j 12:23	4°♒50'38	
inferior conj	-860 Jan 27 j 22:39	29°♑40'29	3°53'07
minimum elong	-860 Jan 27 j 22:19	29°♑41'21	3°53'07
	-860 Jan 27 j 15:02	30°℞♑	
min. Earth dist.	-860 Jan 30 j 19:12	26°♑45'41	0.62242 AU
morning rise	-860 Feb 03 j 06:02	23°♑45'22	
direct	-860 Feb 10 j 05:59	21°♑11'05	
desc. node	-860 Feb 18 j 18:09	24°♑21'39	
morning max el	-860 Feb 24 j 06:12	29°♑01'56	27°46'23
	-860 Feb 25 j 05:09	0°♒	
	-860 Mar 17 j 14:45	0°♓	
morning set	-860 Mar 28 j 16:55	20°♓48'42	
	-860 Apr 02 j 02:47	0°♈	
max. Earth dist.	-860 Apr 03 j 11:13	2°♈53'36	1.32714 AU
superior conj	-860 Apr 05 j 04:31	6°♈36'43	0°-13'-38
minimum elong	-860 Apr 05 j 05:09	6°♈40'11	0°13'30
behind sun begin	-860 Apr 05 j 02:26	6°♈25'27	
behind sun end	-860 Apr 05 j 07:52	6°♈54'56	
asc. node	-860 Apr 06 j 11:35	9°♈25'31	
evening rise	-860 Apr 12 j 05:04	21°♈46'54	
	-860 Apr 16 j 05:05	0°♉	
	-860 May 05 j 19:01	0°♊	
evening max el	-860 May 06 j 21:53	1°♊06'43	24°12'11
desc. node	-860 May 16 j 17:24	7°♊27'51	
retrograde	-860 May 20 j 18:46	8°♊05'27	
evening set	-860 May 25 j 06:08	7°♊20'51	
min. Earth dist.	-860 May 31 j 09:18	4°♊20'03	0.56581 AU
inferior conj	-860 Jun 02 j 23:12	2°♊43'05	-4°-6'00
minimum elong	-860 Jun 02 j 17:33	2°♊52'01	4°05'00
	-860 Jun 07 j 16:50	30°℞♉	
morning rise	-860 Jun 11 j 08:46	28°♉40'47	
direct	-860 Jun 13 j 22:57	28°♉22'55	
	-860 Jun 19 j 18:44	0°♊	
morning max el	-860 Jun 23 j 14:37	2°♊51'27	19°39'55
asc. node	-860 Jul 03 j 10:50	16°♊10'51	
	-860 Jul 10 j 18:14	0°♋	
morning set	-860 Jul 11 j 03:43	0°♋47'32	
superior conj	-860 Jul 19 j 04:20	16°♋56'16	1°47'02
minimum elong	-860 Jul 19 j 03:41	16°♋53'06	1°47'01
max. Earth dist.	-860 Jul 25 j 00:23	28°♋10'27	1.37399 AU
	-860 Jul 25 j 23:57	0°♌	
evening rise	-860 Jul 28 j 21:28	5°♌16'09	
desc. node	-860 Aug 12 j 16:47	29°♌38'12	
	-860 Aug 12 j 22:34	0°♍	
evening max el	-860 Sep 02 j 16:48	26°♍41'18	25°23'43
	-860 Sep 06 j 10:32	0°♎	
retrograde	-860 Sep 14 j 17:34	3°♎37'33	
evening set	-860 Sep 20 j 14:59	1°♎08'54	
	-860 Sep 21 j 20:18	30°℞♍	
min. Earth dist.	-860 Sep 25 j 01:49	26°♍11'23	0.66985 AU
inferior conj	-860 Sep 26 j 03:25	24°♍48'22	-1°-7'-9
minimum elong	-860 Sep 26 j 05:05	24°♍42'58	1°06'28
asc. node	-860 Sep 29 j 10:01	20°♍51'25	
morning rise	-860 Oct 01 j 19:46	18°♍47'47	
direct	-860 Oct 05 j 04:14	17°♍42'42	
morning max el	-860 Oct 12 j 10:31	21°♍50'52	19°30'56
	-860 Oct 19 j 01:23	0°♎	
greatest brilliancy	-860 Oct 21 j 07:38	3°♎12'11	-0.7m
morning set	-860 Nov 05 j 18:35	26°♎42'19	
	-860 Nov 07 j 21:28	0°♏	
desc. node	-860 Nov 08 j 16:04	1°♏12'22	
max. Earth dist.	-860 Nov 18 j 21:33	17°♏15'15	1.44441 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-860 Nov 22 j 14:24	23°♏08'50	-1°-22'-56
minimum elong	-860 Nov 22 j 06:21	22°♏36'38	1°22'08
	-860 Nov 26 j 20:29	0°♐	
evening rise	-860 Dec 06 j 19:02	16°♐23'53	
	-860 Dec 14 j 22:39	0°♑	
evening max el	-860 Dec 25 j 18:16	15°♑21'00	18°23'29
asc. node	-860 Dec 26 j 09:18	15°♑57'49	
retrograde	-859 Jan 01 j 07:02	18°♑55'06	
evening set	-859 Jan 04 j 05:06	18°♑08'48	
inferior conj	-859 Jan 10 j 06:04	12°♑38'53	3°42'22
minimum elong	-859 Jan 10 j 04:08	12°♑44'27	3°42'08
min. Earth dist.	-859 Jan 12 j 11:39	10°♑06'18	0.64044 AU
morning rise	-859 Jan 16 j 01:43	6°♑34'47	
direct	-859 Jan 22 j 23:54	3°♑45'26	
desc. node	-859 Feb 04 j 15:12	10°♑36'56	
morning max el	-859 Feb 05 j 14:27	11°♑33'34	27°30'28
	-859 Feb 20 j 06:47	0°♒	
	-859 Mar 10 j 00:55	0°♓	
morning set	-859 Mar 12 j 12:40	4°♓50'12	
max. Earth dist.	-859 Mar 17 j 13:45	15°♓05'26	1.33434 AU
evening rise	-859 Nov 17 j 14:15	26°♏44'21	
	-859 Nov 19 j 15:10	0°♐	
evening max el	-859 Dec 09 j 05:01	28°♐46'30	18°56'11
	-859 Dec 10 j 11:38	0°♑	
asc. node	-859 Dec 13 j 06:20	1°♑56'45	
retrograde	-859 Dec 16 j 01:13	2°♑39'14	
evening set	-859 Dec 19 j 05:03	1°♑41'40	
	-859 Dec 21 j 08:47	30°℞♐	
inferior conj	-859 Dec 24 j 23:16	25°♐54'24	3°17'29
minimum elong	-859 Dec 24 j 20:31	26°♐02'54	3°16'53
min. Earth dist.	-859 Dec 26 j 13:40	23°♐55'16	0.65483 AU
morning rise	-859 Dec 30 j 11:02	19°♐44'05	
direct	-858 Jan 06 j 00:15	16°♐54'31	
morning max el	-858 Jan 19 j 00:08	24°♐30'29	26°43'08
desc. node	-858 Jan 22 j 12:17	28°♐16'17	
	-858 Jan 23 j 23:53	0°♑	
	-858 Feb 13 j 16:37	0°♒	
morning set	-858 Feb 23 j 21:30	18°♒14'35	
max. Earth dist.	-858 Feb 28 j 05:58	26°♒43'58	1.34598 AU
	-858 Mar 01 j 20:55	0°♓	
superior conj	-859 Mar 20 j 10:59	21°♓10'32	0°-40'-7
minimum elong	-859 Mar 20 j 12:53	21°♓20'38	0°39'45
asc. node	-859 Mar 24 j 08:39	29°♓32'00	
	-859 Mar 24 j 13:52	0°♈	
evening rise	-859 Mar 27 j 16:30	6°♈36'28	
	-859 Apr 09 j 06:30	0°♉	
evening max el	-859 Apr 18 j 13:52	11°♉43'12	22°37'07
retrograde	-859 May 01 j 16:40	18°♉11'08	
desc. node	-859 May 03 j 14:23	18°♉03'05	
evening set	-859 May 04 j 19:54	17°♉49'36	
min. Earth dist.	-859 May 12 j 22:19	14°♉18'02	0.55372 AU
inferior conj	-859 May 14 j 03:08	13°♉36'57	-2°-49'-55
minimum elong	-859 May 13 j 20:22	13°♉46'37	2°47'57
morning rise	-859 May 22 j 23:12	9°♉42'45	
direct	-859 May 25 j 17:50	9°♉24'55	
morning max el	-859 Jun 06 j 00:47	14°♉40'26	20°56'01
	-859 Jun 17 j 09:16	0°♊	
asc. node	-859 Jun 20 j 07:55	5°♊20'31	
morning set	-859 Jun 25 j 10:43	15°♊29'24	
	-859 Jul 02 j 10:29	0°♋	
superior conj	-859 Jul 02 j 23:49	1°♋08'34	1°40'21
minimum elong	-859 Jul 02 j 21:55	0°♋58'50	1°40'14
max. Earth dist.	-859 Jul 07 j 09:24	10°♋00'56	1.35664 AU
evening rise	-859 Jul 11 j 15:40	18°♋13'23	
	-859 Jul 18 j 04:37	0°♌	
desc. node	-859 Jul 30 j 13:47	19°♌40'18	
	-859 Aug 07 j 03:01	0°♍	
evening max el	-859 Aug 16 j 04:32	10°♍17'12	26°26'45
retrograde	-859 Aug 28 j 23:33	17°♍29'22	
evening set	-859 Sep 04 j 11:06	14°♍48'24	
min. Earth dist.	-859 Sep 08 j 14:03	10°♍28'35	0.66176 AU
inferior conj	-859 Sep 10 j 03:28	8°♍34'41	-2°-2'-17
minimum elong	-859 Sep 10 j 06:30	8°♍25'26	2°01'07
morning rise	-859 Sep 16 j 02:55	2°♍45'17	
asc. node	-859 Sep 16 j 07:05	2°♍39'37	
direct	-859 Sep 19 j 02:21	1°♍55'02	
morning max el	-859 Sep 25 j 20:21	5°♍40'01	18°41'58
	-859 Oct 12 j 18:15	0°♎	
morning set	-859 Oct 16 j 14:56	6°♎09'19	
desc. node	-859 Oct 26 j 13:07	21°♎53'21	
	-859 Oct 31 j 16:45	0°♏	
superior conj	-859 Nov 01 j 16:36	1°♏33'47	0°-39'-18
minimum elong	-859 Nov 01 j 11:30	1°♏13'42	0°38'40
max. Earth dist.	-859 Nov 01 j 15:33	1°♏29'39	1.44979 AU
superior conj	-858 Mar 04 j 11:50	5°♓22'38	-1°-5'-55
minimum elong	-858 Mar 04 j 14:51	5°♓38'16	1°05'25
asc. node	-858 Mar 11 j 05:41	19°♓29'27	
evening rise	-858 Mar 12 j 01:53	21°♓14'23	
	-858 Mar 16 j 10:12	0°♈	
evening max el	-858 Mar 31 j 12:46	22°♈36'12	21°07'56
retrograde	-858 Apr 12 j 06:18	28°♈16'40	
evening set	-858 Apr 14 j 14:21	28°♈03'59	
desc. node	-858 Apr 20 j 11:25	25°♈57'02	
inferior conj	-858 Apr 23 j 21:38	24°♈05'20	0°-58'-26
minimum elong	-858 Apr 23 j 18:52	24°♈09'14	0°57'27
min. Earth dist.	-858 Apr 24 j 11:18	23°♈46'01	0.55032 AU
morning rise	-858 May 02 j 23:03	20°♈01'48	
direct	-858 May 06 j 04:25	19°♈39'19	
morning max el	-858 May 19 j 00:22	25°♈47'23	22°28'44
	-858 May 22 j 23:11	0°♉	
asc. node	-858 Jun 07 j 04:59	24°♉54'21	
morning set	-858 Jun 09 j 21:02	0°♊22'44	
	-858 Jun 09 j 16:40	0°♊	
superior conj	-858 Jun 17 j 02:51	15°♊44'20	1°27'48
minimum elong	-858 Jun 17 j 00:22	15°♊31'15	1°27'31
max. Earth dist.	-858 Jun 20 j 03:35	22°♊05'09	1.34274 AU
	-858 Jun 24 j 01:21	0°♋	
evening rise	-858 Jun 25 j 00:50	1°♋55'30	
	-858 Jul 11 j 02:42	0°♌	
desc. node	-858 Jul 17 j 10:47	9°♌14'21	
evening max el	-858 Jul 29 j 16:16	23°♌43'46	27°09'34
	-858 Aug 07 j 08:43	0°♍	
retrograde	-858 Aug 12 j 00:05	1°♍03'08	
	-858 Aug 16 j 07:51	30°℞♌	
evening set	-858 Aug 18 j 22:58	28°♌17'34	
min. Earth dist.	-858 Aug 22 j 18:43	24°♌35'32	0.65001 AU
inferior conj	-858 Aug 24 j 21:09	22°♌14'16	-2°-55'-5
minimum elong	-858 Aug 25 j 01:17	22°♌02'40	2°53'44
morning rise	-858 Aug 31 j 05:08	16°♌39'24	
direct	-858 Sep 02 j 21:52	16°♌00'30	
asc. node	-858 Sep 03 j 04:09	16°♌00'52	
morning max el	-858 Sep 09 j 10:26	19°♌31'23	18°09'33
	-858 Sep 17 j 06:44	0°♍	
morning set	-858 Sep 27 j 15:37	16°♍59'27	
	-858 Oct 05 j 13:12	0°♎	
superior conj	-858 Oct 11 j 20:44	10°♎09'52	0°10'12
minimum elong	-858 Oct 11 j 22:00	10°♎14'54	0°10'01
behind sun begin	-858 Oct 11 j 13:23	9°♎40'31	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

behind sun end	-858 Oct 12 j 06:37	10°♎49'14	
desc. node	-858 Oct 13 j 10:09	12°♎38'36	
max. Earth dist.	-858 Oct 15 j 10:22	15°♎49'28	1.44774 AU
	-858 Oct 24 j 11:33	0°♏	
evening rise	-858 Oct 28 j 10:33	6°♏09'03	
	-858 Nov 13 j 01:46	0°♐	
greatest brilliancy	-858 Nov 14 j 17:15	2°♐22'24	-0.6m
evening max el	-858 Nov 22 j 11:46	12°♐13'51	19°45'21
retrograde	-858 Nov 29 j 22:19	16°♐34'04	
asc. node	-858 Nov 30 j 03:22	16°♐33'49	
evening set	-858 Dec 03 j 09:41	15°♐23'26	
inferior conj	-858 Dec 08 j 23:13	9°♐21'55	2°42'24
minimum elong	-858 Dec 08 j 20:22	9°♐31'17	2°41'32
min. Earth dist.	-858 Dec 09 j 23:49	8°♐00'49	0.66530 AU
morning rise	-858 Dec 14 j 06:24	3°♐07'39	
direct	-858 Dec 20 j 06:24	0°♐29'17	
morning max el	-857 Jan 01 j 09:20	7°♐40'52	25°32'38
desc. node	-857 Jan 09 j 09:21	16°♐55'00	
	-857 Jan 18 j 20:42	0°♑	
	-857 Feb 06 j 04:07	0°♒	
morning set	-857 Feb 06 j 14:51	0°♒48'40	
max. Earth dist.	-857 Feb 10 j 10:34	7°♒54'14	1.36202 AU
superior conj	-857 Feb 16 j 04:24	19°♒05'29	-1°-29'-21
minimum elong	-857 Feb 16 j 08:04	19°♒23'50	1°28'54
	-857 Feb 21 j 13:33	0°♓	
evening rise	-857 Feb 24 j 07:10	5°♓34'22	
asc. node	-857 Feb 26 j 02:42	9°♓13'23	
	-857 Mar 10 j 07:26	0°♈	
evening max el	-857 Mar 13 j 22:33	4°♈04'41	19°53'52
retrograde	-857 Mar 23 j 23:15	8°♈52'46	
evening set	-857 Mar 26 j 02:44	8°♈40'34	
inferior conj	-857 Apr 03 j 21:14	4°♈39'30	0°58'14
minimum elong	-857 Apr 03 j 23:43	4°♈35'42	0°57'23
min. Earth dist.	-857 Apr 06 j 01:32	3°♈19'26	0.55646 AU
desc. node	-857 Apr 07 j 08:28	2°♈34'00	
morning rise	-857 Apr 12 j 17:36	0°♈08'46	
	-857 Apr 13 j 06:11	30°♓	
direct	-857 Apr 16 j 20:08	29°♓31'32	
	-857 Apr 20 j 09:14	0°♈	
morning max el	-857 Apr 30 j 16:53	6°♈25'37	24°09'10
	-857 May 17 j 13:49	0°♉	
morning set	-857 May 25 j 08:55	15°♉21'56	
asc. node	-857 May 25 j 02:01	14°♉45'44	
superior conj	-857 Jun 01 j 10:48	0°♊35'17	1°10'41
minimum elong	-857 Jun 01 j 08:20	0°♊21'57	1°10'19
	-857 Jun 01 j 04:17	0°♊	
max. Earth dist.	-857 Jun 03 j 06:45	4°♊31'37	1.33275 AU
evening rise	-857 Jun 08 j 20:50	16°♊10'33	
	-857 Jun 16 j 01:51	0°♋	
desc. node	-857 Jul 04 j 07:46	28°♋08'27	
	-857 Jul 05 j 19:54	0°♌	
evening max el	-857 Jul 12 j 02:33	6°♌49'19	27°25'23
retrograde	-857 Jul 25 j 18:54	14°♌09'59	
evening set	-857 Aug 01 j 23:26	11°♌31'31	
min. Earth dist.	-857 Aug 05 j 14:04	8°♌22'56	0.63454 AU
inferior conj	-857 Aug 08 j 05:51	5°♌41'41	-3°-42'-29
minimum elong	-857 Aug 08 j 10:25	5°♌30'07	3°41'21
morning rise	-857 Aug 14 j 23:35	0°♌24'35	
	-857 Aug 16 j 09:14	30°♋	
direct	-857 Aug 17 j 12:05	29°♋53'52	
	-857 Aug 18 j 14:50	0°♌	
asc. node	-857 Aug 21 j 01:13	0°♌55'26	
morning max el	-857 Aug 24 j 02:02	3°♌19'07	17°54'39
morning set	-857 Sep 09 j 17:33	29°♌01'55	
	-857 Sep 10 j 06:52	0°♍	
superior conj	-857 Sep 21 j 22:15	19°♍51'10	0°53'20
minimum elong	-857 Sep 22 j 03:09	20°♍11'28	0°52'43
max. Earth dist.	-857 Sep 28 j 02:32	29°♍55'10	1.43866 AU
	-857 Sep 28 j 03:44	0°♎	
desc. node	-857 Sep 30 j 07:08	3°♎25'07	
evening rise	-857 Oct 07 j 17:25	15°♎02'46	
	-857 Oct 17 j 13:34	0°♏	
greatest brilliancy	-857 Oct 30 j 20:02	18°♏55'17	-0.5m
evening max el	-857 Nov 05 j 13:04	25°♏41'19	20°48'36
	-857 Nov 11 j 04:21	0°♐	
retrograde	-857 Nov 13 j 19:52	0°♐35'40	
	-857 Nov 16 j 08:07	30°♏	
asc. node	-857 Nov 17 j 00:24	29°♏37'44	
evening set	-857 Nov 17 j 16:49	29°♏09'54	
inferior conj	-857 Nov 23 j 03:27	22°♏57'35	1°59'44
minimum elong	-857 Nov 23 j 01:02	23°♏05'50	1°58'51
min. Earth dist.	-857 Nov 23 j 15:55	22°♏15'00	0.67214 AU
morning rise	-857 Nov 28 j 08:50	16°♏41'39	
direct	-857 Dec 03 j 17:47	14°♏21'47	
morning max el	-857 Dec 14 j 17:47	20°♏55'38	24°08'33
	-857 Dec 22 j 13:31	0°♐	
desc. node	-857 Dec 27 j 06:23	6°♐15'10	
	-856 Jan 12 j 02:38	0°♑	
morning set	-856 Jan 19 j 10:38	12°♑14'43	
max. Earth dist.	-856 Jan 23 j 06:37	18°♑59'16	1.38167 AU
	-856 Jan 29 j 06:04	0°♒	
superior conj	-856 Jan 30 j 09:05	2°♒08'21	-1°-48'-11
minimum elong	-856 Jan 30 j 12:27	2°♒24'27	1°47'57
evening rise	-856 Feb 08 j 05:50	19°♒28'18	
asc. node	-856 Feb 12 j 23:43	28°♒37'31	
	-856 Feb 13 j 17:32	0°♓	
evening max el	-856 Feb 24 j 19:01	16°♓10'24	18°58'47
retrograde	-856 Mar 04 j 06:20	20°♓15'14	
evening set	-856 Mar 06 j 13:01	19°♓58'45	
inferior conj	-856 Mar 14 j 13:30	15°♓43'04	2°30'16
minimum elong	-856 Mar 14 j 18:00	15°♓35'05	2°29'04
min. Earth dist.	-856 Mar 17 j 17:34	13°♓29'35	0.57077 AU
morning rise	-856 Mar 22 j 18:49	10°♓39'51	
desc. node	-856 Mar 24 j 05:30	10°♓08'53	
direct	-856 Mar 28 j 01:03	9°♓33'54	
morning max el	-856 Apr 11 j 07:51	16°♓58'12	25°43'49
	-856 Apr 21 j 23:55	0°♈	
morning set	-856 May 08 j 20:41	0°♉20'30	
	-856 May 08 j 16:47	0°♉	
asc. node	-856 May 10 j 23:03	4°♉48'23	
superior conj	-856 May 15 j 21:34	15°♉33'34	0°50'02
minimum elong	-856 May 15 j 19:34	15°♉22'39	0°49'40
max. Earth dist.	-856 May 16 j 16:25	17°♉16'37	1.32655 AU
	-856 May 22 j 15:07	0°♊	
evening rise	-856 May 23 j 00:17	0°♊47'27	
	-856 Jun 08 j 02:47	0°♋	
desc. node	-856 Jun 20 j 04:47	16°♋05'39	
evening max el	-856 Jun 23 j 09:15	19°♋21'49	27°09'28
retrograde	-856 Jul 07 j 07:05	26°♋40'14	
evening set	-856 Jul 14 j 08:27	24°♋23'01	
min. Earth dist.	-856 Jul 17 j 23:20	21°♋37'41	0.61588 AU
inferior conj	-856 Jul 21 j 02:28	18°♋49'35	-4°-19'-39
minimum elong	-856 Jul 21 j 06:12	18°♋41'11	4°19'06
morning rise	-856 Jul 28 j 06:46	13°♋53'00	
direct	-856 Jul 30 j 17:29	13°♋27'48	
morning max el	-856 Aug 06 j 16:14	16°♋56'11	17°58'17
asc. node	-856 Aug 06 j 22:16	17°♋11'06	
	-856 Aug 15 j 22:09	0°♌	
morning set	-856 Aug 22 j 14:51	12°♌00'15	
	-856 Sep 01 j 14:56	0°♍	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-856 Sep 02 j 03:20	0°♍54'04	1°23'51
minimum elong	-856 Sep 02 j 08:00	1°♍14'24	1°23'25
max. Earth dist.	-856 Sep 09 j 14:04	13°♍31'43	1.42380 AU
evening rise	-856 Sep 16 j 04:49	24°♍12'32	
desc. node	-856 Sep 16 j 04:10	24°♍09'55	
	-856 Sep 19 j 21:44	0°♎	
	-856 Oct 10 j 15:04	0°♏	
greatest brilliancy	-856 Oct 13 j 14:42	3°♏47'28	-0.4m
evening max el	-856 Oct 18 j 08:38	9°♏09'53	22°02'28
retrograde	-856 Oct 27 j 16:00	14°♏41'55	
evening set	-856 Nov 01 j 00:40	12°♏58'58	
asc. node	-856 Nov 02 j 21:27	11°♏11'44	
inferior conj	-856 Nov 06 j 09:59	6°♏39'32	1°11'32
minimum elong	-856 Nov 06 j 08:24	6°♏45'01	1°10'52
min. Earth dist.	-856 Nov 06 j 11:30	6°♏34'17	0.67562 AU
morning rise	-856 Nov 11 j 15:55	0°♏24'27	
	-856 Nov 12 j 04:11	30°℞♎	
direct	-856 Nov 16 j 09:39	28°♎26'34	
	-856 Nov 21 j 02:01	0°♏	
morning max el	-856 Nov 26 j 04:01	4°♏14'30	22°40'58
greatest brilliancy	-856 Nov 30 j 19:53	9°♏27'48	-0.3m
desc. node	-856 Dec 13 j 03:26	26°♏05'17	
	-856 Dec 15 j 19:32	0°♐	
morning set	-856 Dec 30 j 02:55	22°♐18'18	
	-855 Jan 03 j 17:30	0°♑	
max. Earth dist.	-855 Jan 04 j 02:20	0°♑37'35	1.40286 AU
superior conj	-855 Jan 11 j 21:24	14°♑20'17	-1°-59'-12
minimum elong	-855 Jan 11 j 22:51	14°♑26'53	1°59'12
	-855 Jan 20 j 07:16	0°♒	
evening rise	-855 Jan 21 j 19:00	2°♒49'23	
asc. node	-855 Jan 29 j 20:45	17°♒35'18	
evening max el	-855 Feb 06 j 23:49	28°♒47'28	18°23'41
	-855 Feb 08 j 08:30	0°♓	
retrograde	-855 Feb 14 j 08:14	2°♓25'02	
evening set	-855 Feb 16 j 19:31	2°♓01'38	
	-855 Feb 20 j 18:21	30°℞♒	
inferior conj	-855 Feb 24 j 02:39	27°♒25'14	3°26'32
minimum elong	-855 Feb 24 j 05:57	27°♒18'26	3°25'59
min. Earth dist.	-855 Feb 27 j 12:58	24°♒36'51	0.59013 AU
morning rise	-855 Mar 03 j 12:45	21°♒55'40	
direct	-855 Mar 09 j 19:13	20°♒12'17	
desc. node	-855 Mar 11 j 02:34	20°♒16'42	
morning max el	-855 Mar 24 j 02:36	27°♒52'13	26°57'38
	-855 Mar 26 j 04:24	0°♓	
	-855 Apr 15 j 13:09	0°♈	
morning set	-855 Apr 23 j 06:41	15°♈12'50	
asc. node	-855 Apr 27 j 20:05	24°♈57'48	
superior conj	-855 Apr 30 j 09:19	0°♉32'59	0°26'42
minimum elong	-855 Apr 30 j 08:09	0°♉26'36	0°26'27
max. Earth dist.	-855 Apr 30 j 05:15	0°♉10'37	1.32397 AU
	-855 Apr 30 j 03:19	0°♉	
evening rise	-855 May 07 j 08:35	15°♉37'35	
	-855 May 14 j 14:24	0°♊	
	-855 Jun 04 j 04:55	0°♋	
evening max el	-855 Jun 05 j 10:01	1°♋11'38	26°20'43
desc. node	-855 Jun 07 j 01:49	2°♋42'07	
retrograde	-855 Jun 19 j 10:50	8°♋26'07	
evening set	-855 Jun 25 j 21:28	6°♋42'42	
min. Earth dist.	-855 Jun 29 j 23:06	4°♋04'50	0.59546 AU
inferior conj	-855 Jul 03 j 07:25	1°♋28'32	-4°-38'-57
minimum elong	-855 Jul 03 j 08:26	1°♋26'31	4°38'55
	-855 Jul 05 j 05:47	30°℞♊	
morning rise	-855 Jul 10 j 22:49	26°♊54'28	
direct	-855 Jul 13 j 10:01	26°♊32'53	
	-855 Jul 20 j 19:59	0°♋	
morning max el	-855 Jul 21 j 02:02	0°♋14'13	18°21'32
asc. node	-855 Jul 24 j 19:20	4°♋32'18	
morning set	-855 Aug 06 j 02:08	25°♋39'35	
	-855 Aug 08 j 08:42	0°♌	
superior conj	-855 Aug 15 j 08:46	13°♌09'19	1°41'17
minimum elong	-855 Aug 15 j 11:23	13°♌21'17	1°41'08
max. Earth dist.	-855 Aug 22 j 20:25	26°♌27'55	1.40513 AU
	-855 Aug 24 j 22:13	0°♍	
evening rise	-855 Aug 27 j 12:08	4°♍18'27	
desc. node	-855 Sep 03 j 01:11	14°♍48'59	
	-855 Sep 13 j 03:57	0°♎	
evening max el	-855 Sep 30 j 23:23	22°♎40'08	23°22'08
retrograde	-855 Oct 11 j 09:17	28°♎49'32	
evening set	-855 Oct 16 j 07:33	26°♎48'03	
asc. node	-855 Oct 20 j 18:31	21°♎41'53	
inferior conj	-855 Oct 21 j 16:58	20°♎25'11	0°19'21
minimum elong	-855 Oct 21 j 16:31	20°♎26'45	0°19'09
min. Earth dist.	-855 Oct 21 j 08:05	20°♎55'38	0.67591 AU
morning rise	-855 Oct 27 j 01:31	14°♎13'40	
direct	-855 Oct 31 j 04:56	12°♎38'08	
morning max el	-855 Nov 08 j 19:38	17°♎41'00	21°18'16
greatest brilliancy	-855 Nov 14 j 02:02	23°♎45'09	-0.4m
	-855 Nov 18 j 19:03	0°♏	
desc. node	-855 Nov 30 j 00:29	16°♏16'28	
	-855 Dec 08 j 23:04	0°♐	
morning set	-855 Dec 09 j 14:54	1°♐02'14	
max. Earth dist.	-855 Dec 17 j 04:33	13°♐11'41	1.42262 AU
superior conj	-855 Dec 24 j 11:52	25°♐27'34	-1°-58'-17
minimum elong	-855 Dec 24 j 09:26	25°♐17'07	1°58'15
	-855 Dec 27 j 02:46	0°♑	
evening rise	-854 Jan 04 j 19:01	15°♑29'39	
	-854 Jan 12 j 23:16	0°♒	
asc. node	-854 Jan 16 j 17:48	5°♒58'13	
evening max el	-854 Jan 21 j 09:52	11°♒46'52	18°08'29
retrograde	-854 Jan 28 j 03:05	15°♒13'09	
evening set	-854 Jan 30 j 18:21	14°♒41'38	
inferior conj	-854 Feb 06 j 11:14	9°♒43'14	3°50'40
minimum elong	-854 Feb 06 j 12:10	9°♒41'00	3°50'38
min. Earth dist.	-854 Feb 09 j 14:48	6°♒44'20	0.61094 AU
morning rise	-854 Feb 13 j 03:19	3°♒55'33	
direct	-854 Feb 19 j 23:56	1°♒37'07	
desc. node	-854 Feb 25 j 23:37	3°♒11'42	
morning max el	-854 Mar 06 j 03:42	9°♒24'58	27°39'17
	-854 Mar 22 j 01:17	0°♓	
morning set	-854 Apr 07 j 13:05	29°♓52'30	
	-854 Apr 07 j 14:32	0°♈	
max. Earth dist.	-854 Apr 13 j 17:24	13°♈00'17	1.32492 AU
superior conj	-854 Apr 14 j 20:26	15°♈27'44	0°01'28
minimum elong	-854 Apr 14 j 20:22	15°♈27'23	0°01'27
behind sun begin	-854 Apr 14 j 15:19	14°♈59'49	
behind sun end	-854 Apr 15 j 01:25	15°♈54'58	
asc. node	-854 Apr 14 j 17:09	15°♈09'44	
evening rise	-854 Apr 21 j 19:37	0°♉33'23	
	-854 Apr 21 j 13:19	0°♉	
	-854 May 08 j 01:45	0°♊	
evening max el	-854 May 18 j 04:09	12°♊18'29	25°04'15
desc. node	-854 May 24 j 22:50	17°♊26'13	
retrograde	-854 Jun 01 j 04:22	19°♊26'00	
evening set	-854 Jun 06 j 11:44	18°♊21'14	
min. Earth dist.	-854 Jun 11 j 15:51	15°♊33'19	0.57567 AU
inferior conj	-854 Jun 14 j 17:24	13°♊29'26	-4°-29'-24
minimum elong	-854 Jun 14 j 14:06	13°♊35'02	4°29'05
morning rise	-854 Jun 22 j 20:20	9°♊17'22	
direct	-854 Jun 25 j 09:22	8°♊58'20	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning max el	-854 Jul 04 j 04:34	13°♊05'02	19°05'19	
asc. node	-854 Jul 11 j 16:24	22°♊45'01		
	-854 Jul 15 j 20:44	0°♋		
morning set	-854 Jul 20 j 23:23	9°♋49'39		
superior conj	-854 Jul 29 j 08:58	26°♋21'50	1°47'34	
minimum elong	-854 Jul 29 j 09:22	26°♋23'45	1°47'33	
	-854 Jul 31 j 06:36	0°♌		
max. Earth dist.	-854 Aug 04 j 23:31	8°♌43'14	1.38511 AU	
evening rise	-854 Aug 08 j 20:40	15°♌36'14		
	-854 Aug 17 j 12:38	0°♍		
desc. node	-854 Aug 20 j 22:13	5°♍18'16		
	-854 Sep 07 j 19:29	0°♎		
evening max el	-854 Sep 13 j 11:17	6°♎13'20	24°41'13	
retrograde	-854 Sep 24 j 22:46	12°♎55'05		
evening set	-854 Sep 30 j 11:47	10°♎35'25		
min. Earth dist.	-854 Oct 05 j 03:17	5°♎17'26	0.67303 AU	
inferior conj	-854 Oct 05 j 22:41	4°♎12'53	0°-35'-14	
minimum elong	-854 Oct 05 j 23:33	4°♎10'00	0°34'52	
asc. node	-854 Oct 07 j 15:35	1°♎59'45		
	-854 Oct 09 j 08:50	30°℞♍		
morning rise	-854 Oct 11 j 11:43	28°♍07'41		
direct	-854 Oct 15 j 02:28	26°♍52'31		
	-854 Oct 21 j 10:11	0°♎		
morning max el	-854 Oct 22 j 18:46	1°♎17'48	20°06'11	
greatest brilliancy	-854 Oct 29 j 20:40	9°♎56'07	-0.6m	
	-854 Nov 12 j 12:24	0°♏		
desc. node	-854 Nov 16 j 21:32	6°♏42'40		
morning set	-854 Nov 18 j 11:51	9°♏10'32		
max. Earth dist.	-854 Nov 29 j 14:29	26°♏37'22	1.43814 AU	
	-854 Dec 01 j 16:57	0°♐		
superior conj	-854 Dec 04 j 23:49	5°♐20'10	-1°-41'-7	
minimum elong	-854 Dec 04 j 16:56	4°♐52'00	1°40'36	
evening rise	-854 Dec 18 j 01:41	27°♐21'00		
	-854 Dec 19 j 14:34	0°♑		
asc. node	-853 Jan 03 j 14:51	23°♑35'41		
evening max el	-853 Jan 04 j 22:13	25°♑00'43	18°12'37	
retrograde	-853 Jan 11 j 10:16	28°♑29'02		
evening set	-853 Jan 14 j 05:33	27°♑48'31		
inferior conj	-853 Jan 20 j 11:29	22°♑29'26	3°50'37	
minimum elong	-853 Jan 20 j 10:22	22°♑32'26	3°50'33	
min. Earth dist.	-853 Jan 23 j 01:45	19°♑42'19	0.63044 AU	
morning rise	-853 Jan 26 j 13:20	16°♑29'49		
direct	-853 Feb 02 j 13:23	13°♑47'33		
desc. node	-853 Feb 12 j 20:41	18°♑24'29		
morning max el	-853 Feb 16 j 10:18	21°♑38'14	27°43'59	
	-853 Feb 23 j 18:21	0°♒		
	-853 Mar 15 j 03:18	0°♓		
morning set	-853 Mar 22 j 13:31	14°♓10'46		
max. Earth dist.	-853 Mar 28 j 00:42	25°♓30'10	1.32969 AU	
superior conj	-853 Mar 30 j 05:07	0°♈10'53	0°-24'-52	
minimum elong	-853 Mar 30 j 06:18	0°♈17'12	0°24'38	
	-853 Mar 30 j 03:06	0°♈		
asc. node	-853 Apr 01 j 14:11	5°♈19'19		
evening rise	-853 Apr 06 j 07:25	15°♈26'57		
	-853 Apr 13 j 14:53	0°♉		
evening max el	-853 Apr 29 j 18:51	22°♉57'13	23°31'44	
desc. node	-853 May 11 j 19:52	29°♉40'12		
retrograde	-853 May 13 j 09:57	29°♉45'56		
evening set	-853 May 17 j 06:53	29°♉12'55		
min. Earth dist.	-853 May 24 j 05:19	26°♉00'33	0.55975 AU	
inferior conj	-853 May 26 j 07:14	24°♉46'01	-3°-39'-9	
minimum elong	-853 May 26 j 00:29	24°♉56'08	3°37'37	
morning rise	-853 Jun 03 j 21:39	20°♉49'21		
direct	-853 Jun 06 j 13:13	20°♉31'56		
morning max el	-853 Jun 16 j 21:14	25°♉18'42	20°09'59	
	-853 Jun 21 j 02:47	0°♊		
asc. node	-853 Jun 28 j 13:28	11°♊36'22		
morning set	-853 Jul 05 j 03:29	24°♊21'22		
	-853 Jul 07 j 21:46	0°♋		
superior conj	-853 Jul 12 j 22:36	10°♋15'43	1°45'01	
minimum elong	-853 Jul 12 j 21:21	10°♋09'24	1°44'58	
max. Earth dist.	-853 Jul 18 j 04:17	20°♋33'06	1.36620 AU	
evening rise	-853 Jul 22 j 03:55	28°♋00'21		
	-853 Jul 23 j 06:17	0°♌		
desc. node	-853 Aug 07 j 19:14	25°♌31'57		
	-853 Aug 10 j 20:44	0°♍		
evening max el	-853 Aug 26 j 22:31	19°♍48'35	25°52'27	
retrograde	-853 Sep 08 j 07:48	26°♍53'29		
evening set	-853 Sep 14 j 11:29	24°♍18'33		
min. Earth dist.	-853 Sep 18 j 18:46	19°♍37'05	0.66682 AU	
inferior conj	-853 Sep 20 j 01:21	18°♍00'17	-1°-30'-41	
minimum elong	-853 Sep 20 j 03:37	17°♍53'07	1°29'47	
asc. node	-853 Sep 24 j 12:39	13°♍02'18		
morning rise	-853 Sep 25 j 20:33	12°♍04'16		
direct	-853 Sep 29 j 00:48	11°♍06'07		
morning max el	-853 Oct 06 j 01:11	15°♍03'28	19°08'10	
	-853 Oct 17 j 05:17	0°♎		
morning set	-853 Oct 28 j 18:07	17°♎53'39		
desc. node	-853 Nov 03 j 18:34	27°♎19'17		
	-853 Nov 05 j 11:36	0°♏		
max. Earth dist.	-853 Nov 12 j 05:55	10°♏37'38	1.44750 AU	
superior conj	-853 Nov 14 j 10:50	14°♏06'38	-1°-5'-57	
minimum elong	-853 Nov 14 j 03:15	13°♏36'39	1°05'05	
	-853 Nov 24 j 09:06	0°♐		
evening rise	-853 Nov 29 j 10:41	8°♐15'49		
	-853 Dec 12 j 22:48	0°♑		
evening max el	-853 Dec 19 j 10:15	8°♑23'27	18°35'18	
asc. node	-853 Dec 21 j 11:54	10°♑15'03		
retrograde	-853 Dec 26 j 01:29	12°♑04'42		
evening set	-853 Dec 29 j 01:41	11°♑13'59		
inferior conj	-852 Jan 03 j 23:30	5°♑36'25	3°33'19	
minimum elong	-852 Jan 03 j 21:08	5°♑43'28	3°32'55	
min. Earth dist.	-852 Jan 05 j 22:35	3°♑16'50	0.64694 AU	
	-852 Jan 09 j 01:16	30°℞♐		
morning rise	-852 Jan 09 j 15:19	29°♐29'05		
direct	-852 Jan 16 j 10:20	26°♐37'48		
	-852 Jan 24 j 19:12	0°♑		
morning max el	-852 Jan 29 j 19:41	4°♑23'10	27°13'48	
desc. node	-852 Jan 30 j 17:44	5°♑19'19		
	-852 Feb 18 j 06:37	0°♒		
morning set	-852 Mar 05 j 05:09	27°♒58'33		
	-852 Mar 06 j 05:59	0°♓		
max. Earth dist.	-852 Mar 09 j 23:09	7°♓28'17	1.33870 AU	
superior conj	-852 Mar 13 j 09:30	14°♓36'35	0°-51'-14	
minimum elong	-852 Mar 13 j 11:54	14°♓49'15	0°50'47	
asc. node	-852 Mar 18 j 11:13	25°♓22'35		
evening rise	-852 Mar 20 j 18:12	0°♈12'22		
	-852 Mar 20 j 15:50	0°♈		
	-852 Apr 07 j 04:25	0°♉		
evening max el	-852 Apr 10 j 13:02	3°♉37'39	21°57'47	
retrograde	-852 Apr 23 j 03:46	9°♉47'20		
evening set	-852 Apr 25 j 20:30	9°♉31'09		
desc. node	-852 Apr 27 j 16:52	9°♉02'31		
inferior conj	-852 May 05 j 05:39	5°♉26'09	-2°-5'-34	
minimum elong	-852 May 05 j 00:04	5°♉34'01	2°03'45	
min. Earth dist.	-852 May 04 j 18:30	5°♉41'49	0.55111 AU	
morning rise	-852 May 14 j 04:57	1°♉30'06		
direct	-852 May 17 j 02:44	1°♉11'15		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning max el	-852 May 29 j 02:48	6°♉49'39	21°33'45
	-852 Jun 13 j 22:46	0°♊	
asc. node	-852 Jun 14 j 10:30	0°♊56'49	
morning set	-852 Jun 18 j 12:05	9°♊08'18	
superior conj	-852 Jun 25 j 21:40	24°♊38'59	1°35'39
minimum elong	-852 Jun 25 j 19:27	24°♊27'26	1°35'28
	-852 Jun 28 j 11:56	0°♋	
max. Earth dist.	-852 Jun 29 j 16:35	2°♋25'20	1.35027 AU
evening rise	-852 Jul 04 j 05:04	11°♋18'12	
	-852 Jul 14 j 16:41	0°♌	
desc. node	-852 Jul 24 j 16:14	15°♌23'00	
	-852 Aug 05 j 04:14	0°♍	
evening max el	-852 Aug 08 j 10:14	3°♍21'07	26°47'54
retrograde	-852 Aug 21 j 11:41	10°♍38'03	
evening set	-852 Aug 28 j 04:25	7°♍54'00	
min. Earth dist.	-852 Sep 01 j 04:09	3°♍50'15	0.65715 AU
inferior conj	-852 Sep 02 j 22:58	1°♍43'59	-2°-25'-9
minimum elong	-852 Sep 03 j 02:31	1°♍33'30	2°23'53
	-852 Sep 04 j 10:54	30°℞♌	
morning rise	-852 Sep 09 j 01:53	26°♌00'15	
asc. node	-852 Sep 10 j 09:43	25°♌28'11	
direct	-852 Sep 11 j 22:03	25°♌15'23	
morning max el	-852 Sep 18 j 13:06	28°♌53'43	18°26'01
	-852 Sep 19 j 13:59	0°♍	
morning set	-852 Oct 08 j 02:22	27°♍55'22	
	-852 Oct 09 j 09:09	0°♎	
desc. node	-852 Oct 20 j 15:35	18°♎02'00	
superior conj	-852 Oct 23 j 10:58	22°♎28'05	0°-18'-14
minimum elong	-852 Oct 23 j 08:34	22°♎18'35	0°17'56
max. Earth dist.	-852 Oct 25 j 00:03	24°♎54'05	1.44975 AU
	-852 Oct 28 j 05:56	0°♏	
evening rise	-852 Nov 08 j 19:33	18°♏10'08	
	-852 Nov 16 j 08:05	0°♐	
greatest brilliancy	-852 Nov 21 j 20:12	8°♐30'15	-0.7m
evening max el	-852 Dec 01 j 19:32	21°♐49'48	19°15'19
asc. node	-852 Dec 07 j 08:57	25°♐40'33	
retrograde	-852 Dec 08 j 21:06	25°♐53'14	
evening set	-852 Dec 12 j 03:52	24°♐50'29	
inferior conj	-852 Dec 17 j 19:53	18°♐57'04	3°03'41
minimum elong	-852 Dec 17 j 17:01	19°♐06'12	3°02'56
min. Earth dist.	-852 Dec 19 j 04:19	17°♐13'32	0.65973 AU
morning rise	-852 Dec 23 j 05:19	12°♐44'49	
direct	-852 Dec 29 j 13:24	9°♐58'27	
morning max el	-851 Jan 11 j 05:04	17°♐26'02	26°15'24
desc. node	-851 Jan 16 j 14:47	23°♐25'59	
	-851 Jan 21 j 18:24	0°♑	
	-851 Feb 10 j 04:53	0°♒	
morning set	-851 Feb 16 j 08:01	11°♒03'02	
max. Earth dist.	-851 Feb 20 j 09:57	18°♒50'57	1.35226 AU
superior conj	-851 Feb 25 j 07:11	28°♒37'06	-1°-16'-16
minimum elong	-851 Feb 25 j 10:33	28°♒54'20	1°15'45
	-851 Feb 25 j 23:23	0°♓	
evening rise	-851 Mar 05 j 02:03	14°♓42'53	
asc. node	-851 Mar 05 j 08:15	15°♓14'41	
	-851 Mar 12 j 23:50	0°♈	
evening max el	-851 Mar 23 j 16:28	14°♈44'49	20°34'19
retrograde	-851 Apr 03 j 16:45	20°♈02'02	
evening set	-851 Apr 05 j 21:25	19°♈50'19	
desc. node	-851 Apr 14 j 13:53	16°♈08'22	
inferior conj	-851 Apr 15 j 00:30	15°♈53'02	0°-7'-33
minimum elong	-851 Apr 15 j 00:09	15°♈53'33	0°07'25
transit middle	-851 Apr 15 j 00:09	15°♈53'33	0°07'25
transit begin	-851 Apr 14 j 20:34	15°♈58'45	
transit end	-851 Apr 15 j 03:45	15°♈48'21	
min. Earth dist.	-851 Apr 16 j 08:08	15°♈07'19	0.55183 AU
morning rise	-851 Apr 24 j 01:09	11°♈39'20	
direct	-851 Apr 27 j 14:30	11°♈11'54	
morning max el	-851 May 10 j 22:38	17°♈41'28	23°11'06
	-851 May 20 j 21:19	0°♉	
asc. node	-851 Jun 01 j 07:33	20°♉38'42	
morning set	-851 Jun 02 j 23:18	24°♉04'42	
	-851 Jun 05 j 18:19	0°♊	
superior conj	-851 Jun 10 j 03:05	9°♊22'05	1°21'02
minimum elong	-851 Jun 10 j 00:33	9°♊08'32	1°20'42
max. Earth dist.	-851 Jun 12 j 14:51	14°♊39'06	1.33806 AU
evening rise	-851 Jun 17 j 19:21	25°♊16'08	
	-851 Jun 20 j 05:31	0°♋	
	-851 Jul 08 j 03:37	0°♌	
desc. node	-851 Jul 11 j 13:13	4°♌41'52	
evening max el	-851 Jul 21 j 21:52	16°♌41'27	27°20'01
retrograde	-851 Aug 04 j 09:53	24°♌01'29	
evening set	-851 Aug 11 j 11:53	21°♌17'45	
min. Earth dist.	-851 Aug 15 j 05:13	17°♌50'26	0.64385 AU
inferior conj	-851 Aug 17 j 13:14	15°♌19'46	-3°-16'-6
minimum elong	-851 Aug 17 j 17:39	15°♌07'50	3°14'48
morning rise	-851 Aug 24 j 01:12	9°♌51'44	
direct	-851 Aug 26 j 15:51	9°♌16'36	
asc. node	-851 Aug 28 j 06:46	9°♌30'15	
morning max el	-851 Sep 02 j 04:08	12°♌44'13	18°00'58
	-851 Sep 14 j 02:30	0°♍	
morning set	-851 Sep 19 j 14:36	9°♍18'57	
	-851 Oct 02 j 01:00	0°♎	
superior conj	-851 Oct 02 j 22:33	1°♎27'16	0°29'48
minimum elong	-851 Oct 03 j 01:54	1°♎40'48	0°29'21
desc. node	-851 Oct 07 j 12:36	8°♎48'08	
max. Earth dist.	-851 Oct 07 j 18:19	9°♎10'49	1.44473 AU
evening rise	-851 Oct 19 j 08:25	27°♎17'19	
	-851 Oct 21 j 02:41	0°♏	
greatest brilliancy	-851 Nov 08 j 06:46	27°♏01'39	-0.6m
	-851 Nov 10 j 12:16	0°♐	
evening max el	-851 Nov 15 j 00:12	5°♐17'34	20°10'45
retrograde	-851 Nov 22 j 18:33	9°♐51'05	
asc. node	-851 Nov 24 j 05:59	9°♐38'36	
evening set	-851 Nov 26 j 09:48	8°♐34'12	
inferior conj	-851 Dec 01 j 21:55	2°♐27'51	2°25'04
minimum elong	-851 Dec 01 j 19:12	2°♐36'58	2°24'10
min. Earth dist.	-851 Dec 02 j 17:11	1°♐23'14	0.66871 AU
	-851 Dec 03 j 18:30	30°℞♏	
morning rise	-851 Dec 07 j 04:02	26°♏12'50	
direct	-851 Dec 12 j 21:53	23°♏41'36	
	-851 Dec 23 j 22:23	0°♐	
morning max el	-851 Dec 24 j 13:36	0°♐37'46	24°57'52
desc. node	-850 Jan 03 j 11:50	12°♐23'37	
	-850 Jan 15 j 17:43	0°♑	
morning set	-850 Jan 29 j 16:54	23°♑09'26	
	-850 Feb 02 j 11:22	0°♒	
max. Earth dist.	-850 Feb 02 j 10:08	29°♑54'16	1.37007 AU
superior conj	-850 Feb 08 j 19:10	12°♒03'59	-1°-38'-5
minimum elong	-850 Feb 08 j 22:52	12°♒22'07	1°37'42
evening rise	-850 Feb 17 j 04:49	28°♒52'18	
	-850 Feb 17 j 18:22	0°♓	
asc. node	-850 Feb 20 j 05:17	4°♓50'43	
evening max el	-850 Mar 06 j 07:00	26°♓29'13	19°28'00
	-850 Mar 11 j 06:46	0°♈	
retrograde	-850 Mar 15 j 14:29	0°♈56'56	
evening set	-850 Mar 17 j 19:07	0°♈43'11	
	-850 Mar 20 j 03:56	30°℞♓	
inferior conj	-850 Mar 26 j 06:07	26°♓36'51	1°41'27

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-850 Mar 26 j 09:56	26°♓30'37	1°40'14
min. Earth dist.	-850 Mar 28 j 22:38	24°♓52'45	0.56174 AU
desc. node	-850 Apr 01 j 10:57	22°♓53'09	
morning rise	-850 Apr 03 j 21:05	21°♓52'34	
direct	-850 Apr 08 j 11:23	21°♓04'45	
morning max el	-850 Apr 22 j 13:34	28°♓12'54	24°51'06
	-850 Apr 24 j 08:10	0°♈	
	-850 May 14 j 00:24	0°♉	
morning set	-850 May 18 j 11:21	9°♉04'22	
asc. node	-850 May 19 j 04:34	10°♉35'22	
superior conj	-850 May 25 j 12:27	24°♉16'42	1°02'19
minimum elong	-850 May 25 j 10:08	24°♉04'05	1°01'55
max. Earth dist.	-850 May 26 j 21:27	27°♉15'39	1.32969 AU
	-850 May 28 j 03:58	0°♊	
evening rise	-850 Jun 01 j 18:53	9°♊41'39	
	-850 Jun 12 j 13:48	0°♋	
desc. node	-850 Jun 28 j 10:14	23°♋14'15	
evening max el	-850 Jul 04 j 07:07	29°♋34'57	27°22'41
	-850 Jul 04 j 17:45	0°♌	
retrograde	-850 Jul 18 j 01:41	6°♌53'59	
evening set	-850 Jul 25 j 06:18	4°♌22'55	
min. Earth dist.	-850 Jul 28 j 20:14	1°♌25'55	0.62699 AU
	-850 Jul 30 j 08:19	30°℞♋	
inferior conj	-850 Jul 31 j 17:14	28°♋40'04	-3°-59'-52
minimum elong	-850 Jul 31 j 21:39	28°♋29'27	3°58'57
morning rise	-850 Aug 07 j 15:22	23°♋31'16	
direct	-850 Aug 10 j 02:57	23°♋03'01	
asc. node	-850 Aug 15 j 03:49	25°♋01'06	
morning max el	-850 Aug 16 j 19:29	26°♋28'10	17°53'53
	-850 Aug 19 j 20:38	0°♌	
morning set	-850 Sep 02 j 01:31	21°♌47'25	
	-850 Sep 06 j 16:43	0°♍	
superior conj	-850 Sep 13 j 11:47	11°♍43'08	1°07'57
minimum elong	-850 Sep 13 j 16:58	12°♍04'59	1°07'21
max. Earth dist.	-850 Sep 20 j 09:20	23°♍08'07	1.43303 AU
desc. node	-850 Sep 24 j 09:37	29°♍34'08	
	-850 Sep 24 j 16:08	0°♎	
evening rise	-850 Sep 28 j 14:57	6°♎12'00	
	-850 Oct 14 j 11:29	0°♏	
greatest brilliancy	-850 Oct 23 j 19:11	12°♏46'14	-0.4m
evening max el	-850 Oct 28 j 23:03	18°♏45'12	21°18'55
retrograde	-850 Nov 06 j 15:41	23°♏55'03	
evening set	-850 Nov 10 j 17:29	22°♏21'56	
asc. node	-850 Nov 11 j 03:02	22°♏02'41	
inferior conj	-850 Nov 16 j 03:22	16°♏06'03	1°39'50
minimum elong	-850 Nov 16 j 01:16	16°♏13'18	1°39'01
min. Earth dist.	-850 Nov 16 j 10:58	15°♏39'52	0.67406 AU
morning rise	-850 Nov 21 j 08:44	9°♏50'24	
direct	-850 Nov 26 j 11:07	7°♏39'55	
morning max el	-850 Dec 06 j 22:33	13°♏54'15	23°31'14
greatest brilliancy	-850 Dec 13 j 04:05	21°♏00'21	-0.2m
	-850 Dec 19 j 23:18	0°♐	
desc. node	-850 Dec 21 j 08:54	1°♐57'31	
	-849 Jan 08 j 15:50	0°♑	
morning set	-849 Jan 11 j 01:38	4°♑01'35	
max. Earth dist.	-849 Jan 15 j 05:32	11°♑11'22	1.39066 AU
superior conj	-849 Jan 22 j 17:32	24°♑46'40	-1°-54'-2
minimum elong	-849 Jan 22 j 20:20	24°♑59'44	1°53'55
	-849 Jan 25 j 11:53	0°♒	
evening rise	-849 Jan 31 j 23:53	12°♒33'30	
asc. node	-849 Feb 07 j 02:20	24°♒04'45	
	-849 Feb 10 j 13:30	0°♓	
evening max el	-849 Feb 17 j 07:19	8°♓49'04	18°41'24
retrograde	-849 Feb 25 j 05:55	12°♓40'44	
evening set	-849 Feb 27 j 14:30	12°♓21'33	
inferior conj	-849 Mar 07 j 07:15	7°♓57'06	2°58'29
minimum elong	-849 Mar 07 j 11:31	7°♓49'01	2°57'32
min. Earth dist.	-849 Mar 10 j 15:43	5°♓26'14	0.57852 AU
morning rise	-849 Mar 15 j 04:31	2°♓41'33	
desc. node	-849 Mar 19 j 08:01	1°♓26'42	
direct	-849 Mar 20 j 21:44	1°♓20'31	
morning max el	-849 Apr 04 j 05:51	8°♓52'38	26°18'42
	-849 Apr 20 j 04:26	0°♈	
morning set	-849 May 02 j 22:37	24°♈01'41	
	-849 May 05 j 17:53	0°♉	
asc. node	-849 May 06 j 01:38	0°♉41'52	
superior conj	-849 May 09 j 23:52	9°♉16'33	0°40'27
minimum elong	-849 May 09 j 22:11	9°♉07'20	0°40'06
max. Earth dist.	-849 May 10 j 09:04	10°♉06'57	1.32501 AU
evening rise	-849 May 17 j 00:43	24°♉25'20	
	-849 May 19 j 18:12	0°♊	
	-849 Jun 06 j 10:14	0°♋	
desc. node	-849 Jun 15 j 07:15	10°♋40'35	
evening max el	-849 Jun 16 j 11:20	11°♋49'28	26°52'28
retrograde	-849 Jun 30 j 10:28	19°♋06'35	
evening set	-849 Jul 07 j 07:23	17°♋02'05	
min. Earth dist.	-849 Jul 11 j 01:00	14°♋22'26	0.60737 AU
inferior conj	-849 Jul 14 j 07:37	11°♋36'35	-4°-30'-35
minimum elong	-849 Jul 14 j 10:28	11°♋30'34	4°30'18
morning rise	-849 Jul 21 j 16:39	6°♋49'48	
direct	-849 Jul 24 j 03:24	6°♋26'17	
morning max el	-849 Jul 31 j 08:14	9°♋58'26	18°05'44
asc. node	-849 Aug 02 j 00:52	11°♋46'25	
	-849 Aug 13 j 11:39	0°♌	
morning set	-849 Aug 16 j 05:19	5°♌04'23	
superior conj	-849 Aug 26 j 03:55	23°♌18'50	1°32'46
minimum elong	-849 Aug 26 j 07:48	23°♌36'10	1°32'26
	-849 Aug 29 j 23:22	0°♍	
max. Earth dist.	-849 Sep 02 j 18:35	6°♍28'09	1.41621 AU
evening rise	-849 Sep 08 j 09:25	15°♍41'25	
desc. node	-849 Sep 11 j 06:38	20°♍16'44	
	-849 Sep 17 j 13:57	0°♎	
greatest brilliancy	-849 Oct 06 j 20:12	26°♎48'06	-0.3m
	-849 Oct 09 j 14:02	0°♏	
evening max el	-849 Oct 11 j 16:13	2°♏13'27	22°35'55
retrograde	-849 Oct 21 j 10:53	8°♏02'12	
evening set	-849 Oct 26 j 01:09	6°♏11'19	
asc. node	-849 Oct 29 j 00:05	3°♏04'37	
inferior conj	-849 Oct 31 j 10:19	29°♎49'38	0°49'46
minimum elong	-849 Oct 31 j 09:10	29°♎53'34	0°49'17
	-849 Oct 31 j 07:19	30°℞♎	
min. Earth dist.	-849 Oct 31 j 07:18	0°♏00'03	0.67611 AU
morning rise	-849 Nov 05 j 17:07	23°♎35'43	
direct	-849 Nov 10 j 04:28	21°♎47'43	
morning max el	-849 Nov 19 j 10:50	27°♎16'18	22°04'46
	-849 Nov 21 j 23:29	0°♏	
greatest brilliancy	-849 Nov 24 j 04:22	2°♏36'39	-0.4m
desc. node	-849 Dec 08 j 05:57	21°♏57'09	
	-849 Dec 13 j 14:42	0°♐	
morning set	-849 Dec 22 j 05:22	13°♐29'00	
max. Earth dist.	-849 Dec 28 j 03:25	23°♐11'41	1.41156 AU
	-848 Jan 01 j 03:31	0°♑	
superior conj	-848 Jan 04 j 21:11	6°♑31'59	-2°00'-33
minimum elong	-848 Jan 04 j 21:13	6°♑32'06	2°00'35
evening rise	-848 Jan 15 j 07:58	25°♑38'01	
	-848 Jan 17 j 16:26	0°♒	
asc. node	-848 Jan 24 j 23:24	12°♒48'45	
evening max el	-848 Jan 31 j 14:40	21°♒36'04	18°14'50

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-848 Feb 07 j 15:30	25°♒07'21	
evening set	-848 Feb 10 j 04:22	24°♒40'46	
inferior conj	-848 Feb 17 j 05:03	19°♒55'10	3°40'12
minimum elong	-848 Feb 17 j 07:22	19°♒50'04	3°39'57
min. Earth dist.	-848 Feb 20 j 13:46	16°♒58'58	0.59889 AU
morning rise	-848 Feb 24 j 07:03	14°♒16'37	
direct	-848 Mar 01 j 20:44	12°♒17'15	
desc. node	-848 Mar 05 j 05:05	12°♒46'44	
morning max el	-848 Mar 16 j 03:23	20°♒02'17	27°19'47
	-848 Mar 24 j 16:24	0°♓	
	-848 Apr 11 j 22:07	0°♈	
morning set	-848 Apr 16 j 07:19	8°♈49'19	
asc. node	-848 Apr 21 j 22:42	20°♈52'47	
superior conj	-848 Apr 23 j 11:33	24°♈14'30	0°16'12
minimum elong	-848 Apr 23 j 10:50	24°♈10'32	0°16'02
max. Earth dist.	-848 Apr 22 j 21:55	22°♈59'48	1.32386 AU
	-848 Apr 26 j 02:37	0°♉	
evening rise	-848 Apr 30 j 10:23	9°♉18'12	
	-848 May 11 j 04:13	0°♊	
evening max el	-848 May 28 j 08:59	23°♊19'26	25°51'00
desc. node	-848 Jun 01 j 04:17	26°♊33'26	
	-848 Jun 07 j 18:02	0°♋	
retrograde	-848 Jun 11 j 10:34	0°♋32'37	
	-848 Jun 15 j 02:19	30°℞♊	
evening set	-848 Jun 17 j 10:52	29°♊05'34	
min. Earth dist.	-848 Jun 21 j 21:28	26°♊25'21	0.58677 AU
inferior conj	-848 Jun 25 j 04:48	24°♊00'05	-4°-39'-12
minimum elong	-848 Jun 25 j 04:07	24°♊01'21	4°39'11
morning rise	-848 Jul 03 j 01:07	19°♊35'53	
direct	-848 Jul 05 j 12:47	19°♊15'39	
morning max el	-848 Jul 13 j 15:22	23°♊06'17	18°37'35
asc. node	-848 Jul 18 j 21:56	29°♊31'03	
	-848 Jul 19 j 05:46	0°♋	
morning set	-848 Jul 29 j 21:15	18°♋57'35	
	-848 Aug 04 j 14:04	0°♌	
superior conj	-848 Aug 07 j 18:01	6°♌00'26	1°45'10
minimum elong	-848 Aug 07 j 19:39	6°♌08'05	1°45'06
max. Earth dist.	-848 Aug 14 j 22:32	19°♌03'54	1.39660 AU
evening rise	-848 Aug 19 j 03:23	26°♌17'38	
	-848 Aug 21 j 08:42	0°♍	
desc. node	-848 Aug 28 j 03:39	10°♍52'09	
	-848 Sep 10 j 05:49	0°♎	
evening max el	-848 Sep 23 j 05:24	15°♎44'51	23°56'17
retrograde	-848 Oct 04 j 02:48	22°♎09'33	
evening set	-848 Oct 09 j 07:07	20°♎00'21	
min. Earth dist.	-848 Oct 14 j 03:43	14°♎22'02	0.67502 AU
inferior conj	-848 Oct 14 j 16:59	13°♎36'57	0°-3'-34
minimum elong	-848 Oct 14 j 17:04	13°♎36'40	0°03'33
transit middle	-848 Oct 14 j 17:04	13°♎36'40	0°03'33
transit begin	-848 Oct 14 j 14:25	13°♎45'41	
transit end	-848 Oct 14 j 19:43	13°♎27'39	
asc. node	-848 Oct 14 j 21:08	13°♎22'52	
morning rise	-848 Oct 20 j 03:12	7°♎27'30	
direct	-848 Oct 24 j 00:56	6°♎00'58	
morning max el	-848 Nov 01 j 05:29	10°♎47'15	20°45'59
greatest brilliancy	-848 Nov 07 j 03:35	17°♎45'39	-0.5m
	-848 Nov 15 j 21:58	0°♏	
desc. node	-848 Nov 24 j 03:00	12°♏15'31	
morning set	-848 Nov 30 j 08:21	21°♏49'58	
	-848 Dec 05 j 12:56	0°♐	
max. Earth dist.	-848 Dec 09 j 08:27	6°♐07'20	1.42986 AU
superior conj	-848 Dec 16 j 00:48	17°♐08'31	-1°-53'-13
minimum elong	-848 Dec 15 j 20:21	16°♐49'49	1°53'01
	-848 Dec 23 j 12:40	0°♑	
evening rise	-848 Dec 28 j 01:10	7°♑58'26	
	-847 Jan 10 j 04:44	0°♒	
asc. node	-847 Jan 10 j 20:27	0°♒53'49	
evening max el	-847 Jan 14 j 02:05	4°♒42'42	18°07'56
retrograde	-847 Jan 20 j 15:57	8°♒08'06	
evening set	-847 Jan 23 j 08:52	7°♒32'55	
inferior conj	-847 Jan 29 j 20:45	2°♒25'50	3°53'07
minimum elong	-847 Jan 29 j 20:44	2°♒25'53	3°53'06
	-847 Feb 01 j 06:42	30°℞♑	
min. Earth dist.	-847 Feb 01 j 19:19	29°♑29'16	0.61957 AU
morning rise	-847 Feb 05 j 06:17	26°♑32'31	
direct	-847 Feb 12 j 05:46	24°♑01'50	
desc. node	-847 Feb 20 j 02:09	26°♑44'23	
	-847 Feb 24 j 07:17	0°♒	
morning max el	-847 Feb 26 j 06:53	1°♒51'58	27°45'41
	-847 Mar 18 j 22:25	0°♓	
morning set	-847 Mar 31 j 11:26	23°♓20'13	
	-847 Apr 03 j 16:26	0°♈	
max. Earth dist.	-847 Apr 06 j 08:13	5°♈40'53	1.32643 AU
superior conj	-847 Apr 07 j 21:50	9°♈04'42	0°-9'-38
minimum elong	-847 Apr 07 j 22:17	9°♈07'10	0°09'33
behind sun begin	-847 Apr 07 j 18:10	8°♈44'46	
behind sun end	-847 Apr 08 j 02:24	9°♈29'34	
asc. node	-847 Apr 08 j 19:45	11°♈03'58	
evening rise	-847 Apr 14 j 21:55	24°♈13'16	
	-847 Apr 17 j 16:47	0°♉	
	-847 May 06 j 03:08	0°♊	
evening max el	-847 May 10 j 01:06	4°♊11'29	24°26'05
desc. node	-847 May 19 j 01:18	10°♊17'38	
retrograde	-847 May 23 j 23:11	11°♊12'48	
evening set	-847 May 28 j 15:51	10°♊23'25	
min. Earth dist.	-847 Jun 03 j 12:40	7°♊26'22	0.56817 AU
inferior conj	-847 Jun 06 j 06:04	5°♊42'05	-4°-13'-38
minimum elong	-847 Jun 06 j 00:58	5°♊50'18	4°12'51
morning rise	-847 Jun 14 j 13:55	1°♊37'26	
direct	-847 Jun 17 j 03:47	1°♊19'17	
morning max el	-847 Jun 26 j 13:52	5°♊41'48	19°30'17
asc. node	-847 Jul 05 j 18:59	18°♊01'23	
	-847 Jul 12 j 05:56	0°♋	
morning set	-847 Jul 13 j 21:43	3°♋17'33	
superior conj	-847 Jul 22 j 00:26	19°♋31'42	1°47'25
minimum elong	-847 Jul 22 j 00:03	19°♋29'48	1°47'26
	-847 Jul 27 j 11:32	0°♌	
max. Earth dist.	-847 Jul 28 j 01:31	1°♌05'01	1.37681 AU
evening rise	-847 Jul 31 j 22:06	8°♌05'05	
	-847 Aug 14 j 04:50	0°♍	
desc. node	-847 Aug 15 j 00:39	1°♍15'28	
evening max el	-847 Sep 05 j 16:56	29°♍19'50	25°13'03
	-847 Sep 06 j 09:34	0°♎	
retrograde	-847 Sep 17 j 14:22	6°♎12'23	
evening set	-847 Sep 23 j 09:37	3°♎46'02	
	-847 Sep 26 j 21:37	30°℞♍	
min. Earth dist.	-847 Sep 27 j 21:40	28°♍43'08	0.67080 AU
inferior conj	-847 Sep 28 j 21:37	27°♍24'56	0°-58'-44
minimum elong	-847 Sep 28 j 23:04	27°♍20'11	0°58'08
asc. node	-847 Oct 01 j 18:11	23°♍53'18	
morning rise	-847 Oct 04 j 13:03	21°♍23'03	
direct	-847 Oct 07 j 23:08	20°♍15'23	
morning max el	-847 Oct 15 j 07:42	24°♍27'31	19°39'35
	-847 Oct 20 j 00:35	0°♎	
greatest brilliancy	-847 Oct 23 j 15:07	4°♎56'32	-0.6m
morning set	-847 Nov 09 j 06:13	0°♏04'24	
	-847 Nov 09 j 05:05	0°♏	
desc. node	-847 Nov 11 j 00:00	2°♏46'26	
max. Earth dist.	-847 Nov 21 j 21:03	19°♏49'58	1.44303 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-847 Nov 26 j 01:19	26°♏30'24	-1°-28'-17
minimum elong	-847 Nov 25 j 17:23	25°♏58'32	1°27'32
	-847 Nov 28 j 05:15	0°♐	
evening rise	-847 Dec 09 j 23:00	19°♐26'01	
	-847 Dec 16 j 05:27	0°♑	
evening max el	-847 Dec 28 j 14:39	18°♑01'09	18°20'04
asc. node	-847 Dec 28 j 17:28	18°♑08'15	
retrograde	-846 Jan 04 j 02:55	21°♑33'19	
evening set	-846 Jan 07 j 00:16	20°♑48'29	
inferior conj	-846 Jan 13 j 02:25	15°♑21'14	3°45'02
minimum elong	-846 Jan 13 j 00:40	15°♑26'10	3°44'49
min. Earth dist.	-846 Jan 15 j 10:16	12°♑44'34	0.63798 AU
morning rise	-846 Jan 18 j 23:34	9°♑18'15	
direct	-846 Jan 25 j 22:30	6°♑30'21	
desc. node	-846 Feb 06 j 23:13	12°♑44'28	
morning max el	-846 Feb 08 j 14:46	14°♑19'06	27°35'03
	-846 Feb 21 j 09:03	0°♒	
	-846 Mar 11 j 12:11	0°♓	
morning set	-846 Mar 15 j 08:31	7°♓26'32	
max. Earth dist.	-846 Mar 20 j 12:12	17°♓58'23	1.33299 AU
superior conj	-846 Mar 23 j 04:56	23°♓41'19	0°-36'-7
minimum elong	-846 Mar 23 j 06:39	23°♓50'27	0°35'47
	-846 Mar 26 j 03:30	0°♈	
asc. node	-846 Mar 26 j 16:48	1°♈11'31	
evening rise	-846 Mar 30 j 09:31	9°♈04'24	
	-846 Apr 10 j 09:39	0°♉	
evening max el	-846 Apr 21 j 16:32	14°♉47'46	22°51'09
retrograde	-846 May 04 j 22:56	21°♉21'39	
desc. node	-846 May 05 j 22:20	21°♉19'31	
evening set	-846 May 08 j 06:29	20°♉57'37	
min. Earth dist.	-846 May 16 j 01:36	17°♉31'33	0.55502 AU
inferior conj	-846 May 17 j 12:21	16°♉41'34	-3°-4'-15
minimum elong	-846 May 17 j 05:24	16°♉51'35	3°02'19
morning rise	-846 May 26 j 07:04	12°♉47'24	
direct	-846 May 29 j 00:51	12°♉29'44	
morning max el	-846 Jun 09 j 01:43	17°♉37'21	20°43'32
	-846 Jun 18 j 14:59	0°♊	
asc. node	-846 Jun 22 j 16:02	7°♊06'34	
morning set	-846 Jun 28 j 04:02	17°♊57'14	
	-846 Jul 03 j 23:45	0°♋	
superior conj	-846 Jul 05 j 18:32	3°♋39'46	1°41'46
minimum elong	-846 Jul 05 j 16:48	3°♋30'50	1°41'41
max. Earth dist.	-846 Jul 10 j 09:26	12°♋55'16	1.35901 AU
evening rise	-846 Jul 14 j 13:38	20°♋54'14	
	-846 Jul 19 j 14:27	0°♌	
desc. node	-846 Aug 01 j 21:39	21°♌20'58	
	-846 Aug 08 j 02:21	0°♍	
evening max el	-846 Aug 19 j 04:31	12°♍55'44	26°18'23
retrograde	-846 Aug 31 j 21:03	20°♍06'06	
evening set	-846 Sep 07 j 06:43	17°♍26'25	
min. Earth dist.	-846 Sep 11 j 10:46	13°♍01'04	0.66324 AU
inferior conj	-846 Sep 12 j 22:24	11°♍11'28	-1°-54'00
minimum elong	-846 Sep 13 j 01:14	11°♍02'44	1°52'55
morning rise	-846 Sep 18 j 20:42	5°♍20'20	
asc. node	-846 Sep 18 j 15:14	5°♍28'26	
direct	-846 Sep 21 j 21:19	4°♍28'08	
morning max el	-846 Sep 28 j 16:43	8°♍15'51	18°48'11
	-846 Oct 14 j 01:23	0°♎	
morning set	-846 Oct 19 j 22:29	9°♎18'49	
desc. node	-846 Oct 28 j 21:00	23°♎26'01	
	-846 Nov 02 j 01:11	0°♏	
max. Earth dist.	-846 Nov 04 j 14:36	4°♏01'33	1.44945 AU
superior conj	-846 Nov 05 j 05:04	4°♏58'29	0°-46'-34
minimum elong	-846 Nov 04 j 23:09	4°♏35'10	0°45'51
evening rise	-846 Nov 20 j 21:45	29°♏55'01	
	-846 Nov 20 j 22:59	0°♐	
	-846 Dec 10 j 18:24	0°♑	
evening max el	-846 Dec 12 j 01:45	1°♑25'42	18°50'16
asc. node	-846 Dec 15 j 14:30	4°♑18'05	
retrograde	-846 Dec 18 j 20:27	5°♑15'16	
evening set	-846 Dec 21 j 23:18	4°♑19'30	
	-846 Dec 26 j 14:11	30°℞♐	
inferior conj	-846 Dec 27 j 18:22	28°♐34'33	3°22'00
minimum elong	-846 Dec 27 j 15:42	28°♐42'45	3°21'27
min. Earth dist.	-846 Dec 29 j 10:56	26°♐30'01	0.65288 AU
morning rise	-845 Jan 02 j 07:04	22°♐24'53	
direct	-845 Jan 08 j 21:52	19°♐34'36	
morning max el	-845 Jan 22 j 00:31	27°♐13'28	26°51'57
desc. node	-845 Jan 24 j 20:15	0°♑12'54	
	-845 Jan 24 j 15:36	0°♑	
	-845 Feb 15 j 00:36	0°♒	
morning set	-845 Feb 26 j 19:13	20°♒57'22	
	-845 Mar 03 j 09:41	0°♓	
max. Earth dist.	-845 Mar 03 j 06:12	29°♒42'29	1.34394 AU
superior conj	-845 Mar 07 j 06:46	7°♓57'06	-1°-2'-7
minimum elong	-845 Mar 07 j 09:38	8°♓12'01	1°01'37
asc. node	-845 Mar 13 j 13:49	21°♓10'41	
evening rise	-845 Mar 14 j 19:19	23°♓44'30	
	-845 Mar 17 j 20:56	0°♈	
evening max el	-845 Apr 03 j 14:00	25°♈36'36	21°20'24
	-845 Apr 09 j 15:20	0°♉	
retrograde	-845 Apr 15 j 13:27	1°♉25'10	
evening set	-845 Apr 17 j 23:11	1°♉11'53	
	-845 Apr 21 j 20:33	30°℞♈	
desc. node	-845 Apr 22 j 19:24	29°♈34'43	
inferior conj	-845 Apr 27 j 07:24	27°♈11'58	-1°-16'-32
minimum elong	-845 Apr 27 j 03:48	27°♈17'01	1°15'17
min. Earth dist.	-845 Apr 27 j 14:35	27°♈01'53	0.55021 AU
morning rise	-845 May 06 j 08:35	23°♈11'04	
direct	-845 May 09 j 11:33	22°♈49'51	
morning max el	-845 May 22 j 02:47	28°♈50'17	22°14'10
	-845 May 23 j 07:24	0°♉	
asc. node	-845 Jun 09 j 13:05	26°♉36'56	
	-845 Jun 11 j 05:15	0°♊	
morning set	-845 Jun 12 j 13:59	2°♊49'00	
superior conj	-845 Jun 19 j 20:38	18°♊12'34	1°30'02
minimum elong	-845 Jun 19 j 18:13	17°♊59'48	1°29'46
max. Earth dist.	-845 Jun 23 j 02:01	24°♊55'36	1.34456 AU
	-845 Jun 25 j 14:03	0°♋	
evening rise	-845 Jun 27 j 20:52	4°♋30'20	
	-845 Jul 12 j 08:44	0°♌	
desc. node	-845 Jul 19 j 18:41	10°♌59'55	
evening max el	-845 Aug 01 j 16:12	26°♌23'54	27°04'43
	-845 Aug 05 j 20:57	0°♍	
retrograde	-845 Aug 14 j 22:33	3°♍43'06	
evening set	-845 Aug 21 j 20:00	0°♍57'29	
	-845 Aug 22 j 22:38	30°℞♌	
min. Earth dist.	-845 Aug 25 j 16:42	27°♌09'57	0.65198 AU
inferior conj	-845 Aug 27 j 17:10	24°♌52'17	-2°-47'-22
minimum elong	-845 Aug 27 j 21:10	24°♌40'54	2°46'02
morning rise	-845 Sep 02 j 23:49	19°♌15'08	
direct	-845 Sep 05 j 17:20	18°♌34'51	
asc. node	-845 Sep 05 j 12:16	18°♌35'05	
morning max el	-845 Sep 12 j 06:22	22°♌07'25	18°13'17
	-845 Sep 18 j 10:05	0°♍	
morning set	-845 Sep 30 j 19:03	19°♍57'02	
	-845 Oct 06 j 22:03	0°♎	
superior conj	-845 Oct 15 j 07:34	13°♎29'27	0°02'52

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-845 Oct 15 j 07:56	13°♎30'54	0°02'49
behind sun begin	-845 Oct 14 j 21:05	12°♎47'48	
behind sun end	-845 Oct 15 j 18:47	14°♎13'56	
desc. node	-845 Oct 15 j 18:02	14°♎10'59	
max. Earth dist.	-845 Oct 18 j 09:18	18°♎21'05	1.44848 AU
	-845 Oct 25 j 19:34	0°♏	
evening rise	-845 Oct 31 j 21:10	9°♏27'16	
	-845 Nov 14 j 05:25	0°♐	
greatest brilliancy	-845 Nov 17 j 04:07	4°♐20'33	-0.7m
evening max el	-845 Nov 25 j 09:12	14°♐52'57	19°37'06
asc. node	-845 Dec 02 j 11:32	19°♐08'27	
retrograde	-845 Dec 02 j 17:18	19°♐08'46	
evening set	-845 Dec 06 j 03:22	18°♐00'18	
inferior conj	-845 Dec 11 j 17:29	12°♐00'44	2°48'15
minimum elong	-845 Dec 11 j 14:37	12°♐10'07	2°47'25
min. Earth dist.	-845 Dec 12 j 20:05	10°♐33'43	0.66396 AU
morning rise	-845 Dec 17 j 01:09	5°♐46'50	
direct	-845 Dec 23 j 03:18	3°♐06'04	
morning max el	-844 Jan 04 j 09:49	10°♐22'32	25°44'12
desc. node	-844 Jan 11 j 17:17	18°♐43'52	
	-844 Jan 20 j 00:47	0°♑	
	-844 Feb 07 j 14:37	0°♒	
morning set	-844 Feb 09 j 15:13	3°♒39'56	
max. Earth dist.	-844 Feb 13 j 12:16	10°♒55'03	1.35935 AU
	-844 Feb 19 j 00:44	21°♒44'41	-1°-26'-3
superior conj			
minimum elong	-844 Feb 19 j 04:22	22°♒02'53	1°25'35
	-844 Feb 23 j 02:10	0°♓	
evening rise	-844 Feb 27 j 01:19	8°♓07'20	
asc. node	-844 Feb 28 j 10:52	10°♓57'00	
	-844 Mar 10 j 03:34	0°♈	
evening max el	-844 Mar 15 j 22:06	6°♈59'15	20°03'46
retrograde	-844 Mar 26 j 04:58	11°♈54'43	
evening set	-844 Mar 28 j 08:22	11°♈42'49	
inferior conj	-844 Apr 06 j 05:20	7°♈43'15	0°41'38
minimum elong	-844 Apr 06 j 07:10	7°♈40'29	0°40'59
min. Earth dist.	-844 Apr 08 j 04:45	6°♈31'50	0.55499 AU
desc. node	-844 Apr 08 j 16:26	6°♈14'37	
morning rise	-844 Apr 15 j 03:08	3°♈17'02	
direct	-844 Apr 19 j 01:56	2°♈42'46	
morning max el	-844 May 02 j 20:01	9°♈31'13	23°54'11
	-844 May 17 j 21:42	0°♉	
asc. node	-844 May 26 j 10:08	16°♉25'47	
morning set	-844 May 27 j 01:43	17°♉47'16	
	-844 Jun 01 j 18:24	0°♊	
superior conj	-844 Jun 03 j 04:01	3°♊01'30	1°13'33
minimum elong	-844 Jun 03 j 01:31	2°♊48'01	1°13'10
max. Earth dist.	-844 Jun 05 j 03:50	7°♊17'52	1.33399 AU
evening rise	-844 Jun 10 j 15:29	18°♊41'01	
	-844 Jun 16 j 12:16	0°♋	
desc. node	-844 Jul 05 j 15:43	0°♌01'01	
	-844 Jul 05 j 15:24	0°♌	
evening max el	-844 Jul 14 j 02:54	9°♌33'29	27°25'01
retrograde	-844 Jul 27 j 18:22	16°♌54'22	
evening set	-844 Aug 03 j 22:25	14°♌14'08	
min. Earth dist.	-844 Aug 07 j 13:37	11°♌00'55	0.63701 AU
inferior conj	-844 Aug 10 j 03:25	8°♌22'00	-3°-35'-54
minimum elong	-844 Aug 10 j 07:59	8°♌10'14	3°34'42
morning rise	-844 Aug 16 j 19:38	3°♌01'58	
direct	-844 Aug 19 j 08:33	2°♌30'14	
asc. node	-844 Aug 22 j 09:20	3°♌16'00	
morning max el	-844 Aug 25 j 21:56	5°♌56'02	17°55'44
	-844 Sep 10 j 16:16	0°♍	
morning set	-844 Sep 11 j 17:40	1°♍50'05	
superior conj	-844 Sep 24 j 05:13	22°♍59'16	0°47'32
minimum elong	-844 Sep 24 j 09:52	23°♍18'20	0°46'57
	-844 Sep 28 j 12:38	0°♎	
max. Earth dist.	-844 Sep 30 j 01:57	2°♎29'45	1.44041 AU
desc. node	-844 Oct 01 j 15:03	4°♎57'35	
evening rise	-844 Oct 10 j 05:05	18°♎23'15	
	-844 Oct 17 j 19:45	0°♏	
greatest brilliancy	-844 Nov 01 j 12:54	21°♏14'49	-0.5m
evening max el	-844 Nov 07 j 11:26	28°♏20'49	20°38'25
	-844 Nov 09 j 04:47	0°♐	
retrograde	-844 Nov 15 j 14:53	3°♐09'36	
asc. node	-844 Nov 18 j 08:35	2°♐26'49	
evening set	-844 Nov 19 j 10:16	1°♐46'16	
	-844 Nov 21 j 09:05	30°℞♏	
inferior conj	-844 Nov 24 j 21:15	25°♏35'29	2°06'34
minimum elong	-844 Nov 24 j 18:45	25°♏44'01	2°05'41
min. Earth dist.	-844 Nov 25 j 11:28	24°♏47'07	0.67138 AU
morning rise	-844 Nov 30 j 02:44	19°♏19'40	
direct	-844 Dec 05 j 14:03	16°♏56'36	
morning max el	-844 Dec 16 j 18:13	23°♏36'36	24°21'28
	-844 Dec 22 j 10:38	0°♐	
desc. node	-844 Dec 28 j 14:19	7°♐58'37	
	-843 Jan 12 j 10:34	0°♑	
morning set	-843 Jan 21 j 14:37	15°♑17'01	
max. Earth dist.	-843 Jan 25 j 09:00	21°♑57'47	1.37860 AU
	-843 Jan 29 j 17:37	0°♒	
superior conj	-843 Feb 01 j 07:28	4°♒54'14	-1°-45'-46
minimum elong	-843 Feb 01 j 10:58	5°♒11'05	1°45'29
evening rise	-843 Feb 10 j 01:08	22°♒05'22	
asc. node	-843 Feb 14 j 07:55	0°♓24'30	
	-843 Feb 14 j 02:45	0°♓	
evening max el	-843 Feb 26 j 17:09	18°♓59'48	19°05'44
retrograde	-843 Mar 07 j 09:18	23°♓09'52	
evening set	-843 Mar 09 j 15:26	22°♓54'10	
inferior conj	-843 Mar 17 j 18:39	18°♓41'15	2°18'34
minimum elong	-843 Mar 17 j 23:06	18°♓33'33	2°17'19
min. Earth dist.	-843 Mar 20 j 20:22	16°♓34'50	0.56824 AU
morning rise	-843 Mar 26 j 02:40	13°♓42'50	
desc. node	-843 Mar 26 j 13:29	13°♓32'42	
direct	-843 Mar 31 j 04:56	12°♓41'51	
morning max el	-843 Apr 14 j 10:45	20°♓02'30	25°30'44
	-843 Apr 22 j 22:26	0°♈	
	-843 May 10 j 05:41	0°♉	
morning set	-843 May 11 j 13:38	2°♉46'31	
asc. node	-843 May 13 j 07:13	6°♉27'23	
superior conj	-843 May 18 j 14:29	17°♉59'19	0°53'23
minimum elong	-843 May 18 j 12:24	17°♉47'52	0°52'59
max. Earth dist.	-843 May 19 j 12:52	20°♉01'25	1.32723 AU
	-843 May 24 j 04:26	0°♊	
evening rise	-843 May 25 j 18:02	3°♊15'39	
	-843 Jun 09 j 07:37	0°♋	
desc. node	-843 Jun 22 j 12:45	18°♋08'30	
evening max el	-843 Jun 26 j 10:28	22°♋12'32	27°14'02
retrograde	-843 Jul 10 j 07:33	29°♋30'59	
evening set	-843 Jul 17 j 10:05	27°♋09'51	
min. Earth dist.	-843 Jul 21 j 00:29	24°♋21'52	0.61881 AU
inferior conj	-843 Jul 24 j 02:07	21°♋33'55	-4°-15'-2
minimum elong	-843 Jul 24 j 06:05	21°♋24'49	4°14'22
morning rise	-843 Jul 31 j 04:47	16°♋33'58	
direct	-843 Aug 02 j 15:39	16°♋08'01	
asc. node	-843 Aug 09 j 06:24	19°♋20'37	
morning max el	-843 Aug 09 j 12:32	19°♋35'21	17°56'32
	-843 Aug 17 j 04:30	0°♌	
morning set	-843 Aug 25 j 12:30	14°♌41'34	
	-843 Sep 03 j 01:21	0°♍	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-843 Sep 05 j 06:17	3°♍50'21	1°20'07	
minimum elong	-843 Sep 05 j 11:09	4°♍11'24	1°19'36	
max. Earth dist.	-843 Sep 12 j 14:33	16°♍12'43	1.42635 AU	
desc. node	-843 Sep 18 j 12:05	25°♍43'05		
evening rise	-843 Sep 19 j 14:43	27°♍28'05		
	-843 Sep 21 j 05:32	0°♎		
	-843 Oct 11 j 15:19	0°♏		
greatest brilliancy	-843 Oct 16 j 12:35	6°♏21'31	-0.4m	
evening max el	-843 Oct 21 j 07:55	11°♏49'35	21°50'55	
retrograde	-843 Oct 30 j 11:19	17°♏15'37		
evening set	-843 Nov 03 j 18:09	15°♏35'15		
asc. node	-843 Nov 05 j 05:38	14°♏13'39		
inferior conj	-843 Nov 09 j 03:35	9°♏16'42	1°19'07	
minimum elong	-843 Nov 09 j 01:51	9°♏22'41	1°18'25	
min. Earth dist.	-843 Nov 09 j 06:40	9°♏06'04	0.67537 AU	
morning rise	-843 Nov 14 j 09:18	3°♏01'29		
direct	-843 Nov 19 j 05:19	1°♏00'14		
morning max el	-843 Nov 29 j 03:58	6°♏54'47	22°53'51	
greatest brilliancy	-843 Dec 03 j 21:49	12°♏13'23	-0.3m	
desc. node	-843 Dec 15 j 11:22	27°♏44'54		
	-843 Dec 17 j 00:40	0°♐		
morning set	-842 Jan 02 j 11:16	25°♐33'21		
	-842 Jan 05 j 03:07	0°♑		
max. Earth dist.	-842 Jan 07 j 04:27	3°♑29'56	1.39977 AU	
superior conj	-842 Jan 14 j 22:35	17°♑14'43	-1°-58'-13	
minimum elong	-842 Jan 15 j 00:27	17°♑23'17	1°58'11	
	-842 Jan 21 j 18:18	0°♒		
evening rise	-842 Jan 24 j 15:57	5°♒31'59		
asc. node	-842 Feb 01 j 04:58	19°♒26'47		
	-842 Feb 08 j 09:44	0°♓		
evening max el	-842 Feb 09 j 20:53	1°♓32'41	18°27'37	
retrograde	-842 Feb 17 j 08:32	5°♓13'20		
evening set	-842 Feb 19 j 19:10	4°♓51'02		
inferior conj	-842 Feb 27 j 04:42	0°♓17'41	3°20'12	
minimum elong	-842 Feb 27 j 08:18	0°♓10'24	3°19'34	
	-842 Feb 27 j 13:26	30°♑♒		
min. Earth dist.	-842 Mar 02 j 14:58	27°♒33'10	0.58705 AU	
morning rise	-842 Mar 06 j 17:41	24°♒51'35		
direct	-842 Mar 12 j 21:02	23°♒14'04		
desc. node	-842 Mar 13 j 10:32	23°♒14'53		
	-842 Mar 26 j 06:51	0°♓		
morning max el	-842 Mar 27 j 04:41	0°♓51'58	26°48'36	
	-842 Apr 16 j 22:10	0°♈		
morning set	-842 Apr 26 j 00:00	17°♈40'26		
asc. node	-842 Apr 30 j 04:16	26°♈36'21		
	-842 May 01 j 17:33	0°♉		
superior conj	-842 May 03 j 02:12	2°♉59'04	0°30'24	
minimum elong	-842 May 03 j 00:53	2°♉51'53	0°30'07	
max. Earth dist.	-842 May 03 j 01:33	2°♉55'32	1.32411 AU	
evening rise	-842 May 10 j 01:46	18°♉04'30		
	-842 May 16 j 00:35	0°♊		
	-842 Jun 04 j 13:20	0°♋		
evening max el	-842 Jun 08 j 12:13	4°♋09'09	26°29'58	
desc. node	-842 Jun 09 j 09:47	4°♋59'18		
retrograde	-842 Jun 22 j 12:32	11°♋24'09		
evening set	-842 Jun 29 j 02:22	9°♋35'00		
min. Earth dist.	-842 Jul 03 j 01:25	6°♋57'20	0.59857 AU	
inferior conj	-842 Jul 06 j 09:39	4°♋17'57	-4°-37'-38	
minimum elong	-842 Jul 06 j 11:13	4°♋14'48	4°37'34	
	-842 Jul 13 j 00:47	30°♋♊		
morning rise	-842 Jul 13 j 23:23	29°♊40'33		
direct	-842 Jul 16 j 10:28	29°♊18'27		
	-842 Jul 19 j 17:19	0°♋		
morning max el	-842 Jul 23 j 23:11	2°♋56'54	18°16'46	
asc. node	-842 Jul 27 j 03:28	6°♋32'57		
morning set	-842 Aug 08 j 21:58	28°♋15'34		
	-842 Aug 09 j 19:59	0°♌		
superior conj	-842 Aug 18 j 08:26	15°♌55'51	1°39'25	
minimum elong	-842 Aug 18 j 11:23	16°♌09'19	1°39'13	
max. Earth dist.	-842 Aug 25 j 21:46	29°♌15'56	1.40808 AU	
	-842 Aug 26 j 08:07	0°♍		
evening rise	-842 Aug 30 j 18:25	7°♍23'47		
desc. node	-842 Sep 05 j 09:07	16°♍23'18		
	-842 Sep 14 j 08:56	0°♎		
greatest brilliancy	-842 Sep 28 j 04:57	18°♎49'43	-0.2m	
evening max el	-842 Oct 03 j 23:14	25°♎19'18	23°10'05	
	-842 Oct 09 j 17:10	0°♏		
retrograde	-842 Oct 14 j 05:06	1°♏23'22		
	-842 Oct 18 j 06:48	30°♎♎		
evening set	-842 Oct 19 j 01:18	29°♎24'34		
asc. node	-842 Oct 23 j 02:40	24°♎50'49		
inferior conj	-842 Oct 24 j 10:36	23°♎01'54	0°27'29	
minimum elong	-842 Oct 24 j 09:58	23°♎04'07	0°27'12	
min. Earth dist.	-842 Oct 24 j 03:13	23°♎27'18	0.67608 AU	
morning rise	-842 Oct 29 j 18:39	16°♎49'47		
direct	-842 Nov 03 j 00:04	15°♎11'07		
morning max el	-842 Nov 11 j 18:40	20°♎20'17	21°30'02	
greatest brilliancy	-842 Nov 16 j 20:38	26°♎09'25	-0.4m	
	-842 Nov 19 j 19:52	0°♏		
desc. node	-842 Dec 02 j 08:25	17°♏53'32		
	-842 Dec 10 j 06:47	0°♐		
morning set	-842 Dec 13 j 03:09	4°♐28'15		
max. Earth dist.	-842 Dec 20 j 05:43	15°♐56'39	1.41986 AU	
superior conj	-842 Dec 27 j 16:41	28°♐32'53	-1°-59'-24	
minimum elong	-842 Dec 27 j 14:57	28°♐25'20	1°59'23	
	-842 Dec 28 j 12:45	0°♑		
evening rise	-841 Jan 07 j 18:15	18°♑19'36		
	-841 Jan 14 j 05:53	0°♒		
asc. node	-841 Jan 19 j 02:00	7°♒55'57		
evening max el	-841 Jan 24 j 06:20	14°♒29'38	18°09'27	
retrograde	-841 Jan 31 j 01:13	17°♒56'53		
evening set	-841 Feb 02 j 15:51	17°♒26'41		
inferior conj	-841 Feb 09 j 10:38	12°♒31'29	3°48'44	
minimum elong	-841 Feb 09 j 11:56	12°♒28'28	3°48'39	
min. Earth dist.	-841 Feb 12 j 15:45	9°♒32'33	0.60783 AU	
morning rise	-841 Feb 16 j 05:11	6°♒45'51		
direct	-841 Feb 23 j 00:16	4°♒32'11		
desc. node	-841 Feb 28 j 07:35	5°♒46'25		
morning max el	-841 Mar 09 j 04:59	12°♒19'28	27°35'25	
	-841 Mar 23 j 04:37	0°♓		
	-841 Apr 09 j 03:09	0°♈		
morning set	-841 Apr 10 j 07:04	2°♈22'44		
max. Earth dist.	-841 Apr 16 j 14:04	15°♈47'03	1.32454 AU	
asc. node	-841 Apr 17 j 01:19	16°♈48'26		
superior conj	-841 Apr 17 j 13:30	17°♈55'01	0°05'23	
minimum elong	-841 Apr 17 j 13:15	17°♈53'40	0°05'21	
behind sun begin	-841 Apr 17 j 08:28	17°♈27'32		
behind sun end	-841 Apr 17 j 18:02	18°♈19'48		
	-841 Apr 23 j 02:41	0°♉		
evening rise	-841 Apr 24 j 12:30	2°♉59'56		
	-841 May 09 j 03:06	0°♊		
evening max el	-841 May 21 j 07:04	15°♊21'13	25°16'56	
desc. node	-841 May 27 j 06:47	20°♊02'32		
retrograde	-841 Jun 04 j 07:48	22°♊30'36		
evening set	-841 Jun 09 j 19:57	21°♊20'05		
min. Earth dist.	-841 Jun 14 j 18:51	18°♊34'44	0.57848 AU	
inferior conj	-841 Jun 17 j 22:31	16°♊24'35	-4°-33'-15	
minimum elong	-841 Jun 17 j 19:54	16°♊29'06	4°33'03	
morning rise	-841 Jun 25 j 23:46	12°♊09'39		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

direct	-841 Jun 28 j 12:25	11°♊50'20		
morning max el	-841 Jul 07 j 02:58	15°♊52'17	18°57'28	
asc. node	-841 Jul 14 j 00:32	24°♊38'34		
	-841 Jul 17 j 05:13	0°♋		
morning set	-841 Jul 23 j 17:53	12°♋21'11		
superior conj	-841 Aug 01 j 06:08	29°♋00'36	1°47'12	
minimum elong	-841 Aug 01 j 06:50	29°♋03'59	1°47'13	
	-841 Aug 01 j 18:34	0°♌		
max. Earth dist.	-841 Aug 08 j 00:49	11°♌35'32	1.38806 AU	
evening rise	-841 Aug 11 j 23:07	18°♌30'19		
	-841 Aug 18 j 20:49	0°♍		
desc. node	-841 Aug 23 j 06:07	6°♍54'08		
	-841 Sep 08 j 16:09	0°♎		
evening max el	-841 Sep 16 j 11:16	8°♎51'29	24°29'47	
retrograde	-841 Sep 27 j 19:16	15°♎29'21		
evening set	-841 Oct 03 j 06:01	13°♎12'14		
min. Earth dist.	-841 Oct 07 j 22:46	7°♎48'57	0.67361 AU	
inferior conj	-841 Oct 08 j 16:35	6°♎49'16	0°-26'-50	
minimum elong	-841 Oct 08 j 17:15	6°♎47'04	0°26'35	
asc. node	-841 Oct 09 j 23:43	5°♎06'28		
morning rise	-841 Oct 14 j 04:50	0°♎42'56		
	-841 Oct 15 j 09:48	30°℞♍		
direct	-841 Oct 17 j 21:17	29°♍24'59		
	-841 Oct 20 j 11:42	0°♎		
morning max el	-841 Oct 25 j 16:37	3°♎55'34	20°16'05	
greatest brilliancy	-841 Nov 01 j 10:17	12°♎03'46	-0.6m	
	-841 Nov 13 j 18:48	0°♏		
desc. node	-841 Nov 19 j 05:26	8°♏17'43		
morning set	-841 Nov 22 j 00:49	12°♏37'25		
max. Earth dist.	-841 Dec 02 j 14:20	29°♏14'49	1.43613 AU	
	-841 Dec 03 j 01:36	0°♐		
superior conj	-841 Dec 08 j 08:42	8°♐36'45	-1°-44'-54	
minimum elong	-841 Dec 08 j 02:22	8°♐10'41	1°44'29	
	-841 Dec 20 j 23:26	0°♑		
evening rise	-841 Dec 21 j 03:46	0°♑18'51		
asc. node	-840 Jan 05 j 23:01	25°♑41'14		
evening max el	-840 Jan 07 j 18:31	27°♑41'56	18°10'47	
	-840 Jan 10 j 14:09	0°♒		
retrograde	-840 Jan 14 j 06:49	1°♒09'14		
evening set	-840 Jan 17 j 01:25	0°♒30'12		
	-840 Jan 18 j 00:05	30°℞♑		
inferior conj	-840 Jan 23 j 08:48	25°♑14'13	3°51'52	
minimum elong	-840 Jan 23 j 07:57	25°♑16'29	3°51'49	
min. Earth dist.	-840 Jan 26 j 01:20	22°♑23'59	0.62769 AU	
morning rise	-840 Jan 29 j 12:30	19°♑16'00		
direct	-840 Feb 05 j 12:40	16°♑36'12		
desc. node	-840 Feb 15 j 04:38	20°♑40'50		
morning max el	-840 Feb 19 j 10:56	24°♑27'19	27°45'33	
	-840 Feb 24 j 12:11	0°♒		
	-840 Mar 15 j 12:40	0°♓		
morning set	-840 Mar 24 j 08:33	16°♓44'50		
max. Earth dist.	-840 Mar 29 j 22:14	28°♓20'09	1.32873 AU	
	-840 Mar 30 j 16:53	0°♈		
superior conj	-840 Mar 31 j 22:39	2°♈40'21	0°-20'-51	
minimum elong	-840 Mar 31 j 23:38	2°♈45'39	0°20'39	
asc. node	-840 Apr 02 j 22:21	6°♈58'42		
evening rise	-840 Apr 08 j 00:16	17°♈54'08		
	-840 Apr 14 j 00:11	0°♉		
evening max el	-840 May 01 j 21:51	26°♉02'23	23°45'54	
	-840 May 06 j 19:27	0°♊		
desc. node	-840 May 13 j 03:48	2°♊41'07		
retrograde	-840 May 15 j 15:21	2°♊55'10		
evening set	-840 May 19 j 17:13	2°♊18'24		
	-840 May 24 j 22:24	30°℞♉		

min. Earth dist.	-840 May 26 j 08:45	29°♉10'16	0.56172 AU	
inferior conj	-840 May 28 j 15:11	27°♉47'40	-3°-49'-45	
minimum elong	-840 May 28 j 08:44	27°♉57'31	3°48'23	
morning rise	-840 Jun 06 j 03:56	23°♉49'19		
direct	-840 Jun 08 j 18:53	23°♉31'50		
morning max el	-840 Jun 18 j 21:12	28°♉12'00	19°59'05	
	-840 Jun 20 j 16:06	0°♊		
asc. node	-840 Jun 29 j 21:36	13°♊24'53		
morning set	-840 Jul 06 j 21:06	26°♊50'10		
	-840 Jul 08 j 10:29	0°♋		
superior conj	-840 Jul 14 j 18:02	12°♋49'17	1°45'52	
minimum elong	-840 Jul 14 j 16:59	12°♋44'02	1°45'51	
max. Earth dist.	-840 Jul 20 j 04:45	23°♋26'58	1.36884 AU	
	-840 Jul 23 j 17:15	0°♌		
evening rise	-840 Jul 24 j 03:17	0°♌45'40		
desc. node	-840 Aug 09 j 03:07	27°♌10'46		
	-840 Aug 11 j 00:53	0°♍		
evening max el	-840 Aug 28 j 22:29	22°♍26'56	25°42'44	
retrograde	-840 Sep 10 j 05:01	29°♍29'16		
evening set	-840 Sep 16 j 06:29	26°♍56'27		
min. Earth dist.	-840 Sep 20 j 15:00	22°♍09'17	0.66792 AU	
inferior conj	-840 Sep 21 j 19:49	20°♍37'13	-1°-22'-18	
minimum elong	-840 Sep 21 j 21:52	20°♍30'39	1°21'28	
asc. node	-840 Sep 25 j 20:46	15°♍59'17		
morning rise	-840 Sep 27 j 14:00	14°♍39'31		
direct	-840 Sep 30 j 19:38	13°♍39'03		
morning max el	-840 Oct 07 j 21:59	17°♍40'05	19°15'48	
	-840 Oct 17 j 09:20	0°♎		
greatest brilliancy	-840 Oct 18 j 12:33	1°♎41'03	-0.7m	
morning set	-840 Oct 31 j 04:11	21°♎11'07		
desc. node	-840 Nov 05 j 02:27	28°♎52'56		
	-840 Nov 05 j 19:36	0°♏		
max. Earth dist.	-840 Nov 14 j 04:52	13°♏10'09	1.44654 AU	
superior conj	-840 Nov 16 j 22:51	17°♏31'21	-1°-12'-18	
minimum elong	-840 Nov 16 j 14:57	17°♏00'01	1°11'27	
	-840 Nov 24 j 17:34	0°♐		
evening rise	-840 Dec 01 j 16:09	11°♐22'04		
	-840 Dec 13 j 01:50	0°♑		
evening max el	-840 Dec 21 j 06:45	11°♑03'44	18°30'49	
asc. node	-840 Dec 22 j 20:03	12°♑30'16		
retrograde	-840 Dec 27 j 21:00	14°♑42'16		
evening set	-840 Dec 30 j 20:25	13°♑53'09		
inferior conj	-839 Jan 05 j 19:17	8°♑18'18	3°36'48	
minimum elong	-839 Jan 05 j 17:03	8°♑24'51	3°36'27	
min. Earth dist.	-839 Jan 07 j 20:40	5°♑53'53	0.64475 AU	
morning rise	-839 Jan 11 j 12:22	2°♑12'01		
	-839 Jan 15 j 01:12	30°℞♐		
direct	-839 Jan 18 j 08:38	29°♐21'02		
	-839 Jan 21 j 20:52	0°♑		
morning max el	-839 Jan 31 j 19:55	7°♑07'42	27°20'13	
desc. node	-839 Feb 01 j 01:41	7°♑22'11		
	-839 Feb 18 j 11:52	0°♒		
	-839 Mar 07 j 17:57	0°♓		
morning set	-839 Mar 08 j 01:41	0°♓37'42		
max. Earth dist.	-839 Mar 12 j 22:07	10°♓23'01	1.33709 AU	
superior conj	-839 Mar 16 j 03:48	17°♓09'09	0°-47'-17	
minimum elong	-839 Mar 16 j 06:02	17°♓20'56	0°46'52	
asc. node	-839 Mar 20 j 19:23	27°♓03'11		
	-839 Mar 22 j 04:41	0°♈		
evening rise	-839 Mar 23 j 11:19	2°♈41'11		
	-839 Apr 07 j 20:36	0°♉		
evening max el	-839 Apr 13 j 15:09	6°♉41'04	22°11'18	
retrograde	-839 Apr 26 j 10:27	12°♉57'22		
evening set	-839 Apr 29 j 06:29	12°♉39'38		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-839 Apr 30 j 00:51	12°♉29'02	
min. Earth dist.	-839 May 07 j 21:54	8°♉56'52	0.55185 AU
inferior conj	-839 May 08 j 15:19	8°♉32'19	-2°-22'-2
minimum elong	-839 May 08 j 09:11	8°♉40'57	2°20'06
morning rise	-839 May 17 j 13:35	4°♉37'13	
direct	-839 May 20 j 10:08	4°♉18'49	
morning max el	-839 Jun 01 j 04:20	9°♉49'18	21°20'14
	-839 Jun 15 j 08:30	0°♊	
asc. node	-839 Jun 16 j 18:39	2°♊41'42	
morning set	-839 Jun 21 j 05:11	11°♊35'28	
superior conj	-839 Jun 28 j 15:54	27°♊08'57	1°37'27
minimum elong	-839 Jun 28 j 13:48	26°♊57'59	1°37'17
	-839 Jun 30 j 01:04	0°♋	
max. Earth dist.	-839 Jul 02 j 15:50	5°♋18'07	1.35242 AU
evening rise	-839 Jul 07 j 02:07	13°♋56'43	
	-839 Jul 16 j 01:10	0°♌	
desc. node	-839 Jul 27 j 00:08	17°♌06'05	
	-839 Aug 05 j 20:02	0°♍	
evening max el	-839 Aug 11 j 10:16	6°♍01'04	26°40'59
retrograde	-839 Aug 24 j 09:38	13°♍16'26	
evening set	-839 Aug 31 j 00:34	10°♍33'23	
min. Earth dist.	-839 Sep 04 j 01:27	6°♍23'57	0.65883 AU
inferior conj	-839 Sep 05 j 18:20	4°♍21'58	-2°-17'-5
minimum elong	-839 Sep 05 j 21:42	4°♍11'54	2°15'50
	-839 Sep 09 j 20:14	30°℞♌	
morning rise	-839 Sep 11 j 20:00	28°♌36'07	
asc. node	-839 Sep 12 j 17:50	28°♌11'22	
direct	-839 Sep 14 j 17:16	27°♌49'25	
	-839 Sep 19 j 18:00	0°♍	
morning max el	-839 Sep 21 j 09:12	1°♍29'56	18°31'13
	-839 Oct 10 j 17:11	0°♎	
morning set	-839 Oct 11 j 08:10	1°♎00'21	
desc. node	-839 Oct 22 j 23:27	19°♎34'55	
superior conj	-839 Oct 26 j 23:10	25°♎52'20	0°-25'-47
minimum elong	-839 Oct 26 j 19:45	25°♎38'56	0°25'20
max. Earth dist.	-839 Oct 27 j 23:00	27°♎26'06	1.44993 AU
	-839 Oct 29 j 14:09	0°♏	
evening rise	-839 Nov 12 j 04:31	21°♏24'54	
	-839 Nov 17 j 14:41	0°♐	
evening max el	-839 Dec 04 j 16:36	24°♐29'45	19°08'23
asc. node	-839 Dec 09 j 17:06	28°♐07'53	
retrograde	-839 Dec 11 j 16:08	28°♐29'10	
evening set	-839 Dec 14 j 21:52	27°♐28'14	
inferior conj	-839 Dec 20 j 14:36	21°♐36'58	3°08'46
minimum elong	-839 Dec 20 j 11:46	21°♐45'55	3°08'05
min. Earth dist.	-839 Dec 22 j 01:06	19°♐47'55	0.65808 AU
morning rise	-839 Dec 26 j 00:47	15°♐25'26	
direct	-838 Jan 01 j 10:47	12°♐37'42	
morning max el	-838 Jan 14 j 05:24	20°♐08'25	26°25'34
desc. node	-838 Jan 18 j 22:43	25°♐19'20	
	-838 Jan 22 j 17:23	0°♑	
	-838 Feb 11 j 14:04	0°♒	
morning set	-838 Feb 19 j 06:46	13°♒49'42	
max. Earth dist.	-838 Feb 23 j 10:50	21°♒51'24	1.34993 AU
	-838 Feb 27 j 12:10	0°♓	
superior conj	-838 Feb 28 j 02:41	1°♓14'19	-1°-12'-37
minimum elong	-838 Feb 28 j 05:57	1°♓31'03	1°12'07
evening rise	-838 Mar 07 j 19:46	17°♓14'54	
asc. node	-838 Mar 07 j 16:26	16°♓57'41	
	-838 Mar 14 j 07:17	0°♈	
evening max el	-838 Mar 26 j 17:05	17°♈43'58	20°45'47
retrograde	-838 Apr 06 j 23:27	23°♈09'14	
evening set	-838 Apr 09 j 05:03	22°♈57'19	
desc. node	-838 Apr 16 j 21:54	19°♈50'54	
inferior conj	-838 Apr 18 j 09:52	18°♈59'56	0°-25'-38
minimum elong	-838 Apr 18 j 08:39	19°♈01'40	0°25'13
min. Earth dist.	-838 Apr 19 j 11:19	18°♈23'31	0.55112 AU
morning rise	-838 Apr 27 j 11:00	14°♈50'13	
direct	-838 Apr 30 j 21:26	14°♈24'42	
morning max el	-838 May 14 j 01:27	20°♈46'47	22°56'06
	-838 May 21 j 20:57	0°♉	
asc. node	-838 Jun 03 j 15:42	22°♉21'17	
morning set	-838 Jun 05 j 16:10	26°♉31'32	
	-838 Jun 07 j 07:44	0°♊	
superior conj	-838 Jun 12 j 20:36	11°♊50'10	1°23'33
minimum elong	-838 Jun 12 j 18:05	11°♊36'44	1°23'14
max. Earth dist.	-838 Jun 15 j 12:51	17°♊29'30	1.33966 AU
evening rise	-838 Jun 20 j 14:46	27°♊50'00	
	-838 Jun 21 j 17:18	0°♋	
	-838 Jul 09 j 06:30	0°♌	
desc. node	-838 Jul 13 j 21:12	6°♌30'59	
evening max el	-838 Jul 24 j 22:04	19°♌24'16	27°16'53
retrograde	-838 Aug 07 j 08:36	26°♌43'54	
evening set	-838 Aug 14 j 09:39	23°♌59'20	
min. Earth dist.	-838 Aug 18 j 03:51	20°♌26'56	0.64612 AU
inferior conj	-838 Aug 20 j 09:52	17°♌59'29	-3°-8'-47
minimum elong	-838 Aug 20 j 14:12	17°♌47'37	3°07'26
morning rise	-838 Aug 26 j 20:26	12°♌28'58	
direct	-838 Aug 29 j 11:47	11°♌52'33	
asc. node	-838 Aug 30 j 14:53	11°♌59'15	
morning max el	-838 Sep 04 j 23:58	15°♌21'01	18°03'34
	-838 Sep 15 j 09:29	0°♍	
morning set	-838 Sep 22 j 16:30	12°♍12'52	
	-838 Oct 03 j 09:54	0°♎	
superior conj	-838 Oct 06 j 07:49	4°♎42'35	0°23'01
minimum elong	-838 Oct 06 j 10:30	4°♎53'23	0°22'39
desc. node	-838 Oct 09 j 20:30	10°♎20'55	
max. Earth dist.	-838 Oct 10 j 17:40	11°♎44'53	1.44596 AU
	-838 Oct 22 j 10:00	0°♏	
evening rise	-838 Oct 22 j 19:47	0°♏37'48	
greatest brilliancy	-838 Nov 10 j 20:37	29°♏11'20	-0.6m
	-838 Nov 11 j 10:44	0°♐	
evening max el	-838 Nov 17 j 22:02	7°♐57'20	20°01'37
retrograde	-838 Nov 25 j 13:30	12°♐26'01	
asc. node	-838 Nov 26 j 14:09	12°♐19'59	
evening set	-838 Nov 29 j 03:23	11°♐11'18	
inferior conj	-838 Dec 04 j 15:57	5°♐06'31	2°31'21
minimum elong	-838 Dec 04 j 13:11	5°♐15'46	2°30'29
min. Earth dist.	-838 Dec 05 j 13:02	3°♐56'14	0.66758 AU
	-838 Dec 08 j 18:28	30°℞♏	
morning rise	-838 Dec 09 j 22:24	28°♏51'47	
direct	-838 Dec 15 j 18:25	26°♏17'59	
	-838 Dec 23 j 22:35	0°♐	
morning max el	-838 Dec 27 j 14:09	3°♐19'40	25°10'17
desc. node	-837 Jan 05 j 19:44	14°♐10'16	
	-837 Jan 16 j 23:38	0°♑	
morning set	-837 Feb 01 j 18:44	26°♑05'52	
	-837 Feb 03 j 22:21	0°♒	
max. Earth dist.	-837 Feb 05 j 12:31	2°♒56'32	1.36715 AU
superior conj	-837 Feb 11 j 16:21	14°♒46'46	-1°-35'-5
minimum elong	-837 Feb 11 j 20:04	15°♒05'06	1°34'41
	-837 Feb 19 j 06:00	0°♓	
evening rise	-837 Feb 19 j 23:28	1°♓28'03	
asc. node	-837 Feb 22 j 13:29	6°♓36'41	
evening max el	-837 Mar 09 j 05:57	29°♓22'33	19°36'42
	-837 Mar 09 j 22:07	0°♈	
retrograde	-837 Mar 18 j 19:22	3°♈57'18	
evening set	-837 Mar 20 j 23:28	3°♈44'11	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-837 Mar 29 j 00:25	30°℞♓	
inferior conj	-837 Mar 29 j 13:09	29°♓39'49	1°26'38
minimum elong	-837 Mar 29 j 16:34	29°♓34'21	1°25'31
min. Earth dist.	-837 Apr 01 j 01:40	28°♓04'03	0.55970 AU
desc. node	-837 Apr 03 j 18:57	26°♓29'55	
morning rise	-837 Apr 07 j 06:12	25°♓00'24	
direct	-837 Apr 11 j 16:13	24°♓16'39	
	-837 Apr 24 j 05:44	0°♈	
morning max el	-837 Apr 25 j 16:50	1°♈20'04	24°36'37
	-837 May 15 j 10:50	0°♉	
morning set	-837 May 21 j 04:14	11°♉31'22	
asc. node	-837 May 21 j 12:46	12°♉16'21	
superior conj	-837 May 28 j 05:33	26°♉43'49	1°05'24
minimum elong	-837 May 28 j 03:10	26°♉30'54	1°05'00
	-837 May 29 j 17:49	0°♊	
max. Earth dist.	-837 May 29 j 18:22	0°♊02'57	1.33071 AU
evening rise	-837 Jun 04 j 13:09	12°♊12'07	
	-837 Jun 13 j 22:13	0°♋	
desc. node	-837 Jun 30 j 18:15	25°♋11'37	
	-837 Jul 04 j 23:12	0°♌	
evening max el	-837 Jul 07 j 07:43	2°♌22'14	27°24'12
retrograde	-837 Jul 21 j 01:28	9°♌41'48	
evening set	-837 Jul 28 j 06:18	7°♌07'47	
min. Earth dist.	-837 Jul 31 j 20:21	4°♌07'01	0.62974 AU
inferior conj	-837 Aug 03 j 15:36	1°♌22'30	-3°-53'-57
minimum elong	-837 Aug 03 j 20:06	1°♌11'28	3°52'57
	-837 Aug 05 j 01:50	30°℞♋	
morning rise	-837 Aug 10 j 12:11	26°♋10'47	
direct	-837 Aug 13 j 00:03	25°♋41'43	
asc. node	-837 Aug 17 j 11:57	27°♋17'32	
morning max el	-837 Aug 19 j 15:30	29°♋06'39	17°53'46
	-837 Aug 20 j 12:02	0°♌	
morning set	-837 Sep 05 j 00:27	24°♌32'51	
	-837 Sep 08 j 02:39	0°♍	
superior conj	-837 Sep 16 j 16:58	14°♍46'41	1°03'02
minimum elong	-837 Sep 16 j 22:07	15°♍08'16	1°02'24
max. Earth dist.	-837 Sep 23 j 09:14	25°♍45'58	1.43511 AU
	-837 Sep 26 j 00:35	0°♎	
desc. node	-837 Sep 26 j 17:34	1°♎07'32	
evening rise	-837 Oct 02 j 02:07	9°♎31'39	
	-837 Oct 15 j 15:48	0°♏	
greatest brilliancy	-837 Oct 26 j 13:40	15°♏11'13	-0.5m
evening max el	-837 Oct 31 j 21:45	21°♏25'11	21°08'05
retrograde	-837 Nov 09 j 10:52	26°♏29'39	
evening set	-837 Nov 13 j 10:56	24°♏59'07	
asc. node	-837 Nov 13 j 11:10	24°♏58'39	
inferior conj	-837 Nov 18 j 21:03	18°♏44'19	1°47'03
minimum elong	-837 Nov 18 j 18:49	18°♏51'58	1°46'12
min. Earth dist.	-837 Nov 19 j 06:18	18°♏12'29	0.67345 AU
morning rise	-837 Nov 24 j 02:21	12°♏28'30	
direct	-837 Nov 29 j 07:00	10°♏14'44	
morning max el	-837 Dec 09 j 22:56	16°♏36'04	23°44'19
	-837 Dec 21 j 00:56	0°♐	
desc. node	-837 Dec 23 j 16:48	3°♐39'39	
	-836 Jan 10 j 00:26	0°♑	
morning set	-836 Jan 14 j 07:28	7°♑10'17	
max. Earth dist.	-836 Jan 18 j 08:02	14°♑08'52	1.38749 AU
superior conj	-836 Jan 25 j 17:01	27°♑36'38	-1°-52'-9
minimum elong	-836 Jan 25 j 20:03	27°♑50'57	1°51'59
	-836 Jan 26 j 23:18	0°♒	
evening rise	-836 Feb 03 j 19:53	15°♒13'47	
asc. node	-836 Feb 09 j 10:32	25°♒54'22	
	-836 Feb 11 j 18:03	0°♓	
evening max el	-836 Feb 20 j 04:55	11°♓37'08	18°47'04
retrograde	-836 Feb 28 j 07:47	15°♓33'11	
evening set	-836 Mar 01 j 15:39	15°♓15'02	
inferior conj	-836 Mar 09 j 11:05	10°♓53'45	2°49'07
minimum elong	-836 Mar 09 j 15:29	10°♓45'35	2°48'05
min. Earth dist.	-836 Mar 12 j 18:21	8°♓28'29	0.57568 AU
morning rise	-836 Mar 17 j 11:12	5°♓42'14	
desc. node	-836 Mar 20 j 15:58	4°♓40'27	
direct	-836 Mar 23 j 00:38	4°♓26'40	
morning max el	-836 Apr 06 j 08:35	11°♓56'32	26°07'04
	-836 Apr 20 j 08:52	0°♈	
morning set	-836 May 04 j 15:42	26°♈29'04	
	-836 May 06 j 07:30	0°♉	
asc. node	-836 May 07 j 09:50	2°♉21'35	
superior conj	-836 May 11 j 16:45	11°♉43'04	0°43'56
minimum elong	-836 May 11 j 14:57	11°♉33'11	0°43'35
max. Earth dist.	-836 May 12 j 05:20	12°♉51'56	1.32544 AU
evening rise	-836 May 18 j 18:10	26°♉53'20	
	-836 May 20 j 06:28	0°♊	
	-836 Jun 06 j 10:04	0°♋	
desc. node	-836 Jun 16 j 15:16	12°♋49'30	
evening max el	-836 Jun 18 j 12:48	14°♋43'07	26°59'05
retrograde	-836 Jul 02 j 11:33	22°♋00'52	
evening set	-836 Jul 09 j 10:18	19°♋51'35	
min. Earth dist.	-836 Jul 13 j 02:40	17°♋10'20	0.61039 AU
inferior conj	-836 Jul 16 j 08:15	14°♋23'13	-4°-27'-9
minimum elong	-836 Jul 16 j 11:27	14°♋16'17	4°26'47
morning rise	-836 Jul 23 j 15:38	9°♋33'01	
direct	-836 Jul 26 j 02:17	9°♋09'00	
morning max el	-836 Aug 02 j 04:51	12°♋39'38	18°02'41
asc. node	-836 Aug 03 j 09:01	13°♋52'40	
	-836 Aug 13 j 20:59	0°♌	
morning set	-836 Aug 18 j 02:02	7°♌43'26	
superior conj	-836 Aug 28 j 05:17	26°♌11'06	1°29'50
minimum elong	-836 Aug 28 j 09:29	26°♌29'37	1°29'28
	-836 Aug 30 j 09:32	0°♍	
max. Earth dist.	-836 Sep 04 j 19:09	9°♍11'33	1.41893 AU
evening rise	-836 Sep 10 j 17:47	18°♍53'13	
desc. node	-836 Sep 12 j 14:35	21°♍51'00	
	-836 Sep 17 j 20:42	0°♎	
greatest brilliancy	-836 Oct 08 j 21:40	29°♎32'57	-0.3m
	-836 Oct 09 j 06:37	0°♏	
evening max el	-836 Oct 13 j 15:41	4°♏53'22	22°24'07
retrograde	-836 Oct 23 j 06:27	10°♏36'29	
evening set	-836 Oct 27 j 18:41	8°♏48'26	
asc. node	-836 Oct 30 j 08:13	6°♏11'23	
inferior conj	-836 Nov 02 j 03:52	2°♏27'25	0°57'38
minimum elong	-836 Nov 02 j 02:34	2°♏31'55	0°57'05
min. Earth dist.	-836 Nov 02 j 02:26	2°♏32'23	0.67600 AU
	-836 Nov 03 j 23:17	30°℞♎	
morning rise	-836 Nov 07 j 10:19	26°♎12'58	
direct	-836 Nov 11 j 23:52	24°♎21'30	
	-836 Nov 21 j 11:37	0°♏	
morning max el	-836 Nov 21 j 10:25	29°♎56'58	22°17'16
greatest brilliancy	-836 Nov 26 j 02:24	5°♏11'51	-0.3m
desc. node	-836 Dec 09 j 13:50	23°♏36'03	
	-836 Dec 13 j 21:03	0°♐	
morning set	-836 Dec 24 j 15:33	16°♐50'12	
max. Earth dist.	-836 Dec 30 j 04:53	26°♐00'38	1.40857 AU
	-835 Jan 01 j 13:13	0°♑	
superior conj	-835 Jan 06 j 23:47	9°♑31'28	-2°00'-23
minimum elong	-835 Jan 07 j 00:22	9°♑34'03	2°00'23
evening rise	-835 Jan 17 j 05:47	28°♑24'09	
	-835 Jan 18 j 02:16	0°♒	
asc. node	-835 Jan 26 j 07:34	14°♒43'18	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening max el	-835 Feb 02 j 11:25	24°♒20'45	18°17'31
retrograde	-835 Feb 09 j 14:40	27°♒53'50	
evening set	-835 Feb 12 j 02:59	27°♒28'25	
inferior conj	-835 Feb 19 j 05:52	22°♒46'08	3°35'55
minimum elong	-835 Feb 19 j 08:32	22°♒40'22	3°35'34
min. Earth dist.	-835 Feb 22 j 15:26	19°♒52'02	0.59580 AU
morning rise	-835 Feb 26 j 10:39	17°♒10'31	
direct	-835 Mar 04 j 22:05	15°♒16'32	
desc. node	-835 Mar 07 j 13:00	15°♒34'33	
morning max el	-835 Mar 19 j 05:03	23°♒00'08	27°12'49
	-835 Mar 25 j 11:01	0°♓	
	-835 Apr 13 j 08:58	0°♈	
morning set	-835 Apr 19 j 00:53	11°♈18'21	
asc. node	-835 Apr 24 j 06:54	22°♈32'07	
superior conj	-835 Apr 26 j 04:29	26°♈41'39	0°19'59
minimum elong	-835 Apr 26 j 03:36	26°♈36'47	0°19'49
max. Earth dist.	-835 Apr 25 j 18:09	25°♈44'59	1.32375 AU
	-835 Apr 27 j 16:39	0°♉	
evening rise	-835 May 03 j 03:22	11°♉45'20	
	-835 May 12 j 11:45	0°♊	
evening max el	-835 May 31 j 11:34	26°♊20'25	26°02'04
desc. node	-835 Jun 03 j 12:15	28°♊58'54	
	-835 Jun 04 j 21:02	0°♋	
retrograde	-835 Jun 14 j 13:05	3°♋34'17	
evening set	-835 Jun 20 j 17:15	2°♋01'28	
	-835 Jun 24 j 02:55	30°℞♊	
min. Earth dist.	-835 Jun 25 j 00:20	29°♊22'25	0.58977 AU
inferior conj	-835 Jun 28 j 08:16	26°♊52'50	-4°-39'-52
minimum elong	-835 Jun 28 j 08:14	26°♊52'54	4°39'53
morning rise	-835 Jul 06 j 02:51	22°♊25'10	
direct	-835 Jul 08 j 14:17	22°♊04'30	
morning max el	-835 Jul 16 j 13:00	25°♊51'43	18°31'28
	-835 Jul 20 j 04:00	0°♋	
asc. node	-835 Jul 21 j 06:06	1°♋29'40	
morning set	-835 Aug 01 j 16:27	21°♋32'27	
	-835 Aug 06 j 01:44	0°♌	
superior conj	-835 Aug 10 j 16:30	8°♌44'12	1°43'58
minimum elong	-835 Aug 10 j 18:29	8°♌53'24	1°43'54
max. Earth dist.	-835 Aug 17 j 23:52	21°♌54'37	1.39964 AU
evening rise	-835 Aug 22 j 08:01	29°♌19'13	
	-835 Aug 22 j 17:47	0°♍	
desc. node	-835 Aug 30 j 11:36	12°♍28'04	
	-835 Sep 11 j 08:19	0°♎	
evening max el	-835 Sep 26 j 05:24	18°♎24'33	23°44'20
retrograde	-835 Oct 06 j 22:49	24°♎43'57	
evening set	-835 Oct 12 j 01:00	22°♎37'31	
inferior conj	-835 Oct 17 j 10:41	16°♎14'15	0°04'42
minimum elong	-835 Oct 17 j 10:34	16°♎14'38	0°04'38
transit middle	-835 Oct 17 j 10:34	16°♎14'38	0°04'38
transit begin	-835 Oct 17 j 07:58	16°♎23'31	
transit end	-835 Oct 17 j 13:10	16°♎05'46	
min. Earth dist.	-835 Oct 16 j 22:58	16°♎54'10	0.67544 AU
asc. node	-835 Oct 17 j 05:15	16°♎32'48	
morning rise	-835 Oct 22 j 20:16	10°♎03'58	
direct	-835 Oct 26 j 19:58	8°♎34'16	
morning max el	-835 Nov 04 j 03:54	13°♎26'07	20°56'57
greatest brilliancy	-835 Nov 09 j 20:02	20°♎03'43	-0.5m
	-835 Nov 17 j 01:49	0°♏	
desc. node	-835 Nov 26 j 10:52	13°♏51'57	
morning set	-835 Dec 03 j 21:15	25°♏17'44	
	-835 Dec 06 j 21:04	0°♐	
max. Earth dist.	-835 Dec 12 j 08:49	8°♐48'30	1.42745 AU
superior conj	-835 Dec 19 j 07:15	20°♐18'52	-1°-55'-24
minimum elong	-835 Dec 19 j 03:31	20°♐03'04	1°55'16
	-835 Dec 24 j 22:19	0°♑	
evening rise	-835 Dec 31 j 01:25	10°♑51'28	
	-834 Jan 11 j 04:45	0°♒	
asc. node	-834 Jan 13 j 04:34	2°♒54'51	
evening max el	-834 Jan 16 j 22:25	7°♒25'03	18°07'43
retrograde	-834 Jan 23 j 13:11	10°♒50'23	
evening set	-834 Jan 26 j 05:34	10°♒16'28	
inferior conj	-834 Feb 01 j 19:08	5°♒12'23	3°52'40
minimum elong	-834 Feb 01 j 19:26	5°♒11'38	3°52'39
min. Earth dist.	-834 Feb 04 j 19:34	2°♒14'34	0.61661 AU
	-834 Feb 07 j 09:42	30°℞♑	
morning rise	-834 Feb 08 j 06:53	29°♑20'59	
direct	-834 Feb 15 j 05:37	26°♑54'17	
desc. node	-834 Feb 22 j 10:02	29°♑10'34	
	-834 Feb 23 j 16:57	0°♒	
morning max el	-834 Mar 01 j 07:38	4°♒43'34	27°44'14
	-834 Mar 20 j 04:53	0°♓	
morning set	-834 Apr 03 j 05:48	25°♓52'11	
	-834 Apr 05 j 05:41	0°♈	
max. Earth dist.	-834 Apr 09 j 05:08	8°♈29'06	1.32580 AU
superior conj	-834 Apr 10 j 15:04	11°♈33'21	0°-5'-40
minimum elong	-834 Apr 10 j 15:19	11°♈34'47	0°05'36
behind sun begin	-834 Apr 10 j 10:31	11°♈08'38	
behind sun end	-834 Apr 10 j 20:07	12°♈00'56	
asc. node	-834 Apr 11 j 03:55	12°♈43'26	
evening rise	-834 Apr 17 j 14:45	26°♈40'39	
	-834 Apr 19 j 04:52	0°♉	
	-834 May 06 j 18:13	0°♊	
evening max el	-834 May 13 j 04:20	7°♊17'05	24°39'47
desc. node	-834 May 21 j 09:17	13°♊05'00	
retrograde	-834 May 27 j 03:20	14°♊20'44	
evening set	-834 Jun 01 j 01:17	13°♊26'12	
min. Earth dist.	-834 Jun 06 j 15:56	10°♊32'42	0.57068 AU
inferior conj	-834 Jun 09 j 12:33	8°♊41'16	-4°-20'-17
minimum elong	-834 Jun 09 j 08:02	8°♊48'39	4°19'41
morning rise	-834 Jun 17 j 18:39	4°♊34'08	
direct	-834 Jun 20 j 08:15	4°♊15'40	
morning max el	-834 Jun 29 j 12:54	8°♊32'23	19°21'07
asc. node	-834 Jul 08 j 03:09	19°♊53'47	
	-834 Jul 13 j 16:48	0°♋	
morning set	-834 Jul 16 j 15:52	5°♋49'09	
superior conj	-834 Jul 24 j 20:51	22°♋09'08	1°47'38
minimum elong	-834 Jul 24 j 20:44	22°♋08'33	1°47'38
	-834 Jul 28 j 23:05	0°♌	
max. Earth dist.	-834 Jul 31 j 02:54	4°♌00'50	1.37971 AU
evening rise	-834 Aug 03 j 23:15	10°♌56'30	
	-834 Aug 15 j 11:28	0°♍	
desc. node	-834 Aug 17 j 08:37	2°♍53'41	
	-834 Sep 06 j 18:37	0°♎	
evening max el	-834 Sep 08 j 17:05	1°♎59'11	25°02'03
retrograde	-834 Sep 20 j 11:03	8°♎47'53	
evening set	-834 Sep 26 j 04:08	6°♎23'50	
min. Earth dist.	-834 Sep 30 j 17:24	1°♎15'38	0.67170 AU
inferior conj	-834 Oct 01 j 15:44	0°♎02'11	0°-50'-18
minimum elong	-834 Oct 01 j 16:59	29°♍58'06	0°49'47
	-834 Oct 01 j 16:24	30°℞♍	
asc. node	-834 Oct 04 j 02:18	26°♍57'36	
morning rise	-834 Oct 07 j 06:18	23°♍59'07	
direct	-834 Oct 10 j 18:00	22°♍48'51	
morning max el	-834 Oct 18 j 05:03	27°♍05'14	19°48'32
	-834 Oct 20 j 19:57	0°♎	
greatest brilliancy	-834 Oct 26 j 00:52	6°♎50'16	-0.6m
	-834 Nov 10 j 12:14	0°♏	
morning set	-834 Nov 12 j 18:17	3°♏28'36	
desc. node	-834 Nov 13 j 07:55	4°♏21'21	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

max. Earth dist.	-834 Nov 24 j 20:42	22°♏26'13	1.44146 AU
superior conj	-834 Nov 29 j 11:43	29°♏51'21	-1°-33'-14
minimum elong	-834 Nov 29 j 04:02	29°♏20'19	1°32'34
	-834 Nov 29 j 13:52	0°♐	
evening rise	-834 Dec 13 j 02:26	22°♐27'42	
	-834 Dec 17 j 12:50	0°♑	
asc. node	-834 Dec 31 j 01:35	20°♑17'55	
evening max el	-834 Dec 31 j 11:00	20°♑42'19	18°17'05
retrograde	-833 Jan 06 j 22:59	24°♑12'53	
evening set	-833 Jan 09 j 19:36	23°♑29'34	
inferior conj	-833 Jan 15 j 23:01	18°♑05'03	3°47'19
minimum elong	-833 Jan 15 j 21:28	18°♑09'20	3°47'10
min. Earth dist.	-833 Jan 18 j 09:05	15°♑24'31	0.63539 AU
morning rise	-833 Jan 21 j 21:43	12°♑03'11	
direct	-833 Jan 28 j 21:12	9°♑17'04	
desc. node	-833 Feb 09 j 07:05	14°♑54'53	
morning max el	-833 Feb 11 j 15:11	17°♑06'32	27°38'55
	-833 Feb 22 j 09:25	0°♒	
	-833 Mar 12 j 22:48	0°♓	
morning set	-833 Mar 18 j 04:07	10°♓03'04	
max. Earth dist.	-833 Mar 23 j 10:28	20°♓51'47	1.33178 AU
superior conj	-833 Mar 25 j 22:46	26°♓12'32	0°-32'-6
minimum elong	-833 Mar 26 j 00:18	26°♓20'41	0°31'47
	-833 Mar 27 j 17:05	0°♈	
asc. node	-833 Mar 29 j 00:57	2°♈51'49	
evening rise	-833 Apr 02 j 02:29	11°♈33'00	
	-833 Apr 11 j 14:52	0°♉	
evening max el	-833 Apr 24 j 19:19	17°♉53'16	23°05'16
retrograde	-833 May 08 j 04:59	24°♉32'43	
desc. node	-833 May 08 j 06:17	24°♉32'43	
evening set	-833 May 11 j 17:06	24°♉05'49	
min. Earth dist.	-833 May 19 j 04:54	20°♉44'49	0.55652 AU
inferior conj	-833 May 20 j 21:17	19°♉46'04	-3°-17'-38
minimum elong	-833 May 20 j 14:17	19°♉56'18	3°15'48
morning rise	-833 May 29 j 14:33	15°♉51'26	
direct	-833 Jun 01 j 07:31	15°♉33'55	
morning max el	-833 Jun 12 j 02:25	20°♉33'52	20°31'28
	-833 Jun 19 j 18:03	0°♊	
asc. node	-833 Jun 25 j 00:14	8°♊53'58	
morning set	-833 Jun 30 j 21:27	20°♊25'50	
	-833 Jul 05 j 12:52	0°♋	
superior conj	-833 Jul 08 j 13:28	6°♋12'09	1°43'04
minimum elong	-833 Jul 08 j 11:53	6°♋04'05	1°42'59
max. Earth dist.	-833 Jul 13 j 09:37	15°♋50'02	1.36146 AU
evening rise	-833 Jul 17 j 11:58	23°♋36'42	
	-833 Jul 21 j 00:34	0°♌	
desc. node	-833 Aug 04 j 05:38	23°♌02'04	
	-833 Aug 09 j 03:13	0°♍	
evening max el	-833 Aug 22 j 04:29	15°♍34'40	26°09'39
retrograde	-833 Sep 03 j 18:32	22°♍43'19	
evening set	-833 Sep 10 j 02:11	20°♍05'05	
min. Earth dist.	-833 Sep 14 j 07:21	15°♍34'10	0.66458 AU
inferior conj	-833 Sep 15 j 17:13	13°♍48'55	-1°-45'-44
minimum elong	-833 Sep 15 j 19:51	13°♍40'43	1°44'41
asc. node	-833 Sep 20 j 23:23	8°♍20'11	
morning rise	-833 Sep 21 j 14:25	7°♍56'05	
direct	-833 Sep 24 j 16:15	7°♍01'55	
morning max el	-833 Oct 01 j 13:15	10°♍52'44	18°54'51
	-833 Oct 15 j 07:47	0°♎	
morning set	-833 Oct 23 j 06:49	12°♎31'26	
desc. node	-833 Oct 31 j 04:57	24°♎59'54	
	-833 Nov 03 j 09:20	0°♏	
max. Earth dist.	-833 Nov 07 j 13:40	6°♏34'24	1.44893 AU
superior conj	-833 Nov 08 j 17:39	8°♏24'37	0°-53'-41
minimum elong	-833 Nov 08 j 11:01	7°♏58'28	0°52'53
	-833 Nov 22 j 06:53	0°♐	
evening rise	-833 Nov 24 j 04:49	3°♐05'38	
	-833 Dec 11 j 11:30	0°♑	
evening max el	-833 Dec 14 j 22:26	4°♑05'56	18°44'41
asc. node	-833 Dec 17 j 22:38	6°♑38'23	
retrograde	-833 Dec 21 j 15:49	7°♑52'31	
evening set	-833 Dec 24 j 17:42	6°♑58'34	
inferior conj	-833 Dec 30 j 13:40	1°♑16'05	3°26'14
minimum elong	-833 Dec 30 j 11:05	1°♑23'55	3°25'45
	-833 Dec 31 j 14:37	30°℞♐	
min. Earth dist.	-832 Jan 01 j 08:29	29°♐06'09	0.65086 AU
morning rise	-832 Jan 05 j 03:23	25°♐07'08	
direct	-832 Jan 11 j 19:42	22°♐16'16	
morning max el	-832 Jan 25 j 00:55	29°♐57'49	27°00'10
	-832 Jan 25 j 01:47	0°♑	
desc. node	-832 Jan 27 j 04:08	2°♑11'39	
	-832 Feb 16 j 07:48	0°♒	
morning set	-832 Feb 29 j 16:38	23°♒39'56	
	-832 Mar 03 j 22:09	0°♓	
max. Earth dist.	-832 Mar 05 j 06:07	2°♓40'47	1.34201 AU
superior conj	-832 Mar 09 j 01:31	10°♓31'38	0°-58'-15
minimum elong	-832 Mar 09 j 04:14	10°♓45'49	0°57'47
asc. node	-832 Mar 14 j 21:59	22°♓52'18	
evening rise	-832 Mar 16 j 12:40	26°♓14'52	
	-832 Mar 18 j 08:21	0°♈	
evening max el	-832 Apr 05 j 15:28	28°♈38'20	21°33'11
	-832 Apr 07 j 03:32	0°♉	
retrograde	-832 Apr 17 j 20:35	4°♉34'40	
evening set	-832 Apr 20 j 08:23	4°♉20'35	
desc. node	-832 Apr 24 j 03:20	3°♉10'37	
inferior conj	-832 Apr 29 j 17:14	0°♉19'07	-1°-34'-21
minimum elong	-832 Apr 29 j 12:51	0°♉25'16	1°32'52
min. Earth dist.	-832 Apr 29 j 17:58	0°♉18'06	0.55033 AU
	-832 Apr 30 j 06:52	30°℞♈	
morning rise	-832 May 08 j 17:55	26°♈20'18	
direct	-832 May 11 j 18:49	26°♈00'07	
	-832 May 22 j 00:12	0°♉	
morning max el	-832 May 24 j 05:03	1°♉52'53	21°59'50
asc. node	-832 Jun 10 j 21:17	28°♉20'48	
	-832 Jun 11 j 17:12	0°♊	
morning set	-832 Jun 14 j 06:58	5°♊15'51	
superior conj	-832 Jun 21 j 14:34	20°♊41'40	1°32'09
minimum elong	-832 Jun 21 j 12:13	20°♊29'17	1°31'55
max. Earth dist.	-832 Jun 25 j 00:35	27°♊46'35	1.34644 AU
	-832 Jun 26 j 02:52	0°♋	
evening rise	-832 Jun 29 j 17:10	7°♋06'28	
	-832 Jul 12 j 15:29	0°♌	
desc. node	-832 Jul 21 j 02:40	12°♌45'33	
evening max el	-832 Aug 03 j 16:11	29°♌04'31	26°59'23
	-832 Aug 04 j 15:48	0°♍	
retrograde	-832 Aug 16 j 21:00	6°♍23'20	
evening set	-832 Aug 23 j 16:52	3°♍38'01	
	-832 Aug 27 j 09:12	30°℞♌	
min. Earth dist.	-832 Aug 27 j 14:34	29°♌44'54	0.65382 AU
inferior conj	-832 Aug 29 j 13:04	27°♌30'59	-2°-39'-34
minimum elong	-832 Aug 29 j 16:55	27°♌19'53	2°38'14
morning rise	-832 Sep 04 j 18:23	21°♌51'32	
asc. node	-832 Sep 06 j 20:28	21°♌12'17	
direct	-832 Sep 07 j 12:45	21°♌09'45	
morning max el	-832 Sep 14 j 02:24	24°♌44'15	18°17'25
	-832 Sep 18 j 10:34	0°♍	
morning set	-832 Oct 02 j 23:10	22°♍57'21	
	-832 Oct 07 j 06:38	0°♎	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-832 Oct 17 j 01:59	15°♎44'18	
superior conj	-832 Oct 17 j 18:57	16°♎51'29	0°-4'-37
minimum elong	-832 Oct 17 j 18:21	16°♎49'06	0°04'34
behind sun begin	-832 Oct 17 j 07:38	16°♎06'39	
behind sun end	-832 Oct 18 j 05:04	17°♎31'31	
max. Earth dist.	-832 Oct 20 j 08:13	20°♎53'17	1.44908 AU
	-832 Oct 26 j 03:33	0°♏	
evening rise	-832 Nov 03 j 07:30	12°♏45'35	
	-832 Nov 14 j 10:00	0°♐	
greatest brilliancy	-832 Nov 18 j 13:25	6°♐13'14	-0.7m
evening max el	-832 Nov 27 j 06:35	17°♐33'00	19°29'08
asc. node	-832 Dec 03 j 19:41	21°♐41'38	
retrograde	-832 Dec 04 j 12:20	21°♐44'21	
evening set	-832 Dec 07 j 21:11	20°♐37'59	
inferior conj	-832 Dec 13 j 11:55	14°♐40'32	2°53'54
minimum elong	-832 Dec 13 j 09:03	14°♐49'51	2°53'06
min. Earth dist.	-832 Dec 14 j 16:33	13°♐07'35	0.66259 AU
morning rise	-832 Dec 18 j 20:09	8°♐27'04	
direct	-832 Dec 25 j 00:25	5°♐44'06	
morning max el	-831 Jan 06 j 10:19	13°♐04'54	25°55'23
desc. node	-831 Jan 13 j 01:11	20°♐34'15	
	-831 Jan 20 j 03:39	0°♑	
	-831 Feb 08 j 00:46	0°♒	
morning set	-831 Feb 11 j 15:09	6°♒30'15	
max. Earth dist.	-831 Feb 15 j 13:43	13°♒55'49	1.35678 AU
superior conj	-831 Feb 20 j 20:52	24°♒23'39	-1°-22'-39
minimum elong	-831 Feb 21 j 00:25	24°♒41'36	1°22'10
	-831 Feb 23 j 14:52	0°♓	
evening rise	-831 Feb 28 j 19:22	10°♓40'11	
asc. node	-831 Mar 01 j 19:01	12°♓40'27	
	-831 Mar 11 j 04:23	0°♈	
evening max el	-831 Mar 18 j 21:57	9°♈55'20	20°14'05
retrograde	-831 Mar 29 j 10:57	14°♈58'16	
evening set	-831 Mar 31 j 14:32	14°♈46'34	
inferior conj	-831 Apr 09 j 13:50	10°♈48'12	0°24'27
minimum elong	-831 Apr 09 j 14:56	10°♈46'34	0°24'04
desc. node	-831 Apr 11 j 00:22	9°♈56'54	
min. Earth dist.	-831 Apr 11 j 08:01	9°♈45'39	0.55369 AU
morning rise	-831 Apr 18 j 12:50	6°♈26'30	
direct	-831 Apr 22 j 08:09	5°♈54'51	
morning max el	-831 May 05 j 23:06	12°♈37'11	23°39'07
	-831 May 19 j 03:54	0°♉	
asc. node	-831 May 28 j 18:20	18°♉07'05	
morning set	-831 May 29 j 18:32	20°♉13'19	
	-831 Jun 03 j 08:20	0°♊	
superior conj	-831 Jun 05 j 21:18	5°♊28'34	1°16'18
minimum elong	-831 Jun 05 j 18:46	5°♊15'00	1°15'56
max. Earth dist.	-831 Jun 08 j 01:10	10°♊05'38	1.33532 AU
evening rise	-831 Jun 13 j 10:20	21°♊12'47	
	-831 Jun 17 j 23:03	0°♋	
	-831 Jul 06 j 13:30	0°♌	
desc. node	-831 Jul 07 j 23:43	1°♌53'08	
evening max el	-831 Jul 17 j 03:17	12°♌17'59	27°23'58
retrograde	-831 Jul 30 j 17:42	19°♌38'45	
evening set	-831 Aug 06 j 21:08	16°♌57'02	
min. Earth dist.	-831 Aug 10 j 13:01	13°♌38'59	0.63944 AU
inferior conj	-831 Aug 13 j 00:47	11°♌02'46	-3°-29'-4
minimum elong	-831 Aug 13 j 05:19	10°♌50'52	3°27'50
morning rise	-831 Aug 19 j 15:29	5°♌39'48	
direct	-831 Aug 22 j 04:55	5°♌06'58	
asc. node	-831 Aug 24 j 17:32	5°♌39'13	
morning max el	-831 Aug 28 j 17:49	8°♌33'21	17°57'12
	-831 Sep 12 j 01:06	0°♍	
morning set	-831 Sep 14 j 18:15	4°♍40'10	
superior conj	-831 Sep 27 j 12:50	26°♍09'44	0°41'28
minimum elong	-831 Sep 27 j 17:06	26°♍27'10	0°40'54
	-831 Sep 29 j 21:30	0°♎	
max. Earth dist.	-831 Oct 03 j 01:24	5°♎04'41	1.44205 AU
desc. node	-831 Oct 03 j 23:02	6°♎30'47	
evening rise	-831 Oct 13 j 16:48	21°♎44'30	
	-831 Oct 19 j 02:15	0°♏	
greatest brilliancy	-831 Nov 04 j 05:12	23°♏32'58	-0.5m
	-831 Nov 09 j 10:49	0°♐	
evening max el	-831 Nov 10 j 09:44	1°♐00'54	20°28'28
retrograde	-831 Nov 18 j 09:53	5°♐44'09	
asc. node	-831 Nov 20 j 16:44	5°♐14'17	
evening set	-831 Nov 22 j 03:46	4°♐23'09	
	-831 Nov 26 j 07:22	30°℞♏	
inferior conj	-831 Nov 27 j 15:08	28°♏13'54	2°13'19
minimum elong	-831 Nov 27 j 12:32	28°♏22'41	2°12'25
min. Earth dist.	-831 Nov 28 j 07:06	27°♏19'49	0.67056 AU
morning rise	-831 Dec 02 j 20:47	21°♏58'20	
direct	-831 Dec 08 j 10:26	19°♏32'12	
morning max el	-831 Dec 19 j 18:40	26°♏18'00	24°34'17
	-831 Dec 23 j 04:45	0°♐	
desc. node	-831 Dec 30 j 22:14	9°♐43'08	
	-830 Jan 13 j 18:00	0°♑	
morning set	-830 Jan 24 j 18:02	18°♑18'00	
max. Earth dist.	-830 Jan 28 j 11:24	24°♑57'28	1.37557 AU
	-830 Jan 31 j 04:59	0°♒	
superior conj	-830 Feb 04 j 05:33	7°♒39'38	-1°-43'-11
minimum elong	-830 Feb 04 j 09:09	7°♒57'05	1°42'52
evening rise	-830 Feb 12 j 20:17	24°♒42'23	
	-830 Feb 15 j 12:51	0°♓	
asc. node	-830 Feb 16 j 16:04	2°♓11'06	
evening max el	-830 Mar 01 j 15:30	21°♓50'35	19°13'08
retrograde	-830 Mar 10 j 12:47	26°♓06'25	
evening set	-830 Mar 12 j 18:21	25°♓51'28	
inferior conj	-830 Mar 21 j 00:19	21°♓41'04	2°06'02
minimum elong	-830 Mar 21 j 04:37	21°♓33'47	2°04'46
min. Earth dist.	-830 Mar 23 j 23:13	19°♓42'11	0.56581 AU
desc. node	-830 Mar 28 j 21:23	17°♓00'52	
morning rise	-830 Mar 29 j 10:55	16°♓47'38	
direct	-830 Apr 03 j 09:04	15°♓51'30	
morning max el	-830 Apr 17 j 13:44	23°♓08'00	25°17'12
	-830 Apr 23 j 17:04	0°♈	
	-830 May 11 j 17:59	0°♉	
morning set	-830 May 14 j 06:32	5°♉13'06	
asc. node	-830 May 15 j 15:23	8°♉07'11	
superior conj	-830 May 21 j 07:26	20°♉25'39	0°56'39
minimum elong	-830 May 21 j 05:15	20°♉13'44	0°56'15
max. Earth dist.	-830 May 22 j 09:28	22°♉47'24	1.32803 AU
	-830 May 25 j 17:55	0°♊	
evening rise	-830 May 28 j 11:54	5°♊44'46	
	-830 Jun 10 j 13:36	0°♋	
desc. node	-830 Jun 24 j 20:43	20°♋09'57	
evening max el	-830 Jun 29 j 11:32	25°♋02'32	27°17'44
	-830 Jul 05 j 19:45	0°♌	
retrograde	-830 Jul 13 j 07:44	2°♌20'57	
evening set	-830 Jul 20 j 11:13	29°♋56'09	
	-830 Jul 20 j 08:54	30°℞♋	
min. Earth dist.	-830 Jul 24 j 01:21	27°♋05'12	0.62176 AU
inferior conj	-830 Jul 27 j 01:24	24°♋17'44	-4°-9'-58
minimum elong	-830 Jul 27 j 05:33	24°♋08'01	4°09'14
morning rise	-830 Aug 03 j 02:27	19°♋14'33	
direct	-830 Aug 05 j 13:33	18°♋47'49	
asc. node	-830 Aug 11 j 14:35	21°♋31'55	
morning max el	-830 Aug 12 j 08:42	22°♋14'09	17°55'10
	-830 Aug 18 j 08:46	0°♌	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-830 Aug 28 j 10:24	17°♌23'39		
	-830 Sep 04 j 11:43	0°♍		
superior conj	-830 Sep 08 j 09:43	6°♍48'04	1°16'03	
minimum elong	-830 Sep 08 j 14:45	7°♍09'38	1°15'31	
max. Earth dist.	-830 Sep 15 j 14:52	18°♍52'40	1.42880 AU	
desc. node	-830 Sep 20 j 20:04	27°♍16'21		
	-830 Sep 22 j 13:35	0°♎		
evening rise	-830 Sep 23 j 00:56	0°♎44'27		
	-830 Oct 12 j 17:08	0°♏		
greatest brilliancy	-830 Oct 19 j 09:26	8°♏52'37	-0.4m	
evening max el	-830 Oct 24 j 07:02	14°♏29'04	21°39'34	
retrograde	-830 Nov 02 j 06:32	19°♏49'16		
evening set	-830 Nov 06 j 11:36	18°♏11'27		
asc. node	-830 Nov 07 j 13:47	17°♏13'46		
inferior conj	-830 Nov 11 j 21:10	11°♏53'47	1°26'38	
minimum elong	-830 Nov 11 j 19:17	12°♏00'16	1°25'52	
min. Earth dist.	-830 Nov 12 j 01:48	11°♏37'47	0.67500 AU	
morning rise	-830 Nov 17 j 02:42	5°♏38'26		
direct	-830 Nov 22 j 00:57	3°♏33'55		
morning max el	-830 Dec 02 j 04:00	9°♏35'13	23°06'53	
greatest brilliancy	-830 Dec 07 j 02:11	15°♏06'20	-0.3m	
desc. node	-830 Dec 17 j 19:17	29°♏25'06		
	-830 Dec 18 j 05:02	0°♐		
morning set	-829 Jan 05 j 18:59	28°♐46'56		
	-829 Jan 06 j 12:29	0°♑		
max. Earth dist.	-829 Jan 10 j 06:48	6°♑24'17	1.39660 AU	
superior conj	-829 Jan 17 j 23:18	20°♑08'08	-1°-56'-58	
minimum elong	-829 Jan 18 j 01:33	20°♑18'29	1°56'54	
	-829 Jan 23 j 05:28	0°♒		
evening rise	-829 Jan 27 j 12:39	8°♒14'14		
asc. node	-829 Feb 03 j 13:05	21°♒17'35		
	-829 Feb 09 j 01:40	0°♓		
evening max el	-829 Feb 12 j 18:04	4°♓18'46	18°31'58	
retrograde	-829 Feb 20 j 09:17	8°♓02'57		
evening set	-829 Feb 22 j 19:12	7°♓41'46		
inferior conj	-829 Mar 02 j 07:12	3°♓11'29	3°13'10	
minimum elong	-829 Mar 02 j 11:04	3°♓03'50	3°12'24	
min. Earth dist.	-829 Mar 05 j 17:08	0°♓31'17	0.58400 AU	
	-829 Mar 06 j 10:13	30°♓℞		
morning rise	-829 Mar 09 j 23:06	27°♒48'56		
direct	-829 Mar 15 j 23:03	26°♒17'19		
desc. node	-829 Mar 15 j 18:25	26°♒17'25		
	-829 Mar 25 j 17:16	0°♓		
morning max el	-829 Mar 30 j 06:59	3°♓53'14	26°38'49	
	-829 Apr 18 j 06:08	0°♈		
morning set	-829 Apr 28 j 17:15	20°♈08'07		
asc. node	-829 May 02 j 12:25	28°♈15'07		
	-829 May 03 j 07:40	0°♉		
superior conj	-829 May 05 j 19:03	5°♉25'16	0°34'02	
minimum elong	-829 May 05 j 17:36	5°♉17'18	0°33'45	
max. Earth dist.	-829 May 05 j 21:53	5°♉40'48	1.32434 AU	
evening rise	-829 May 12 j 18:59	20°♉31'42		
	-829 May 17 j 11:26	0°♊		
	-829 Jun 05 j 04:10	0°♋		
evening max el	-829 Jun 11 j 14:09	7°♋05'19	26°38'27	
desc. node	-829 Jun 11 j 17:43	7°♋13'47		
retrograde	-829 Jun 25 j 13:59	14°♋20'55		
evening set	-829 Jul 02 j 06:38	12°♋26'08		
min. Earth dist.	-829 Jul 06 j 03:28	9°♋48'14	0.60170 AU	
inferior conj	-829 Jul 09 j 11:22	7°♋06'10	-4°-35'-42	
minimum elong	-829 Jul 09 j 13:26	7°♋01'57	4°35'34	
morning rise	-829 Jul 16 j 23:27	2°♋25'27		
direct	-829 Jul 19 j 10:25	2°♋02'52		
morning max el	-829 Jul 26 j 20:08	5°♋38'46	18°12'27	
asc. node	-829 Jul 29 j 11:38	8°♋34'48		
	-829 Aug 11 j 06:57	0°♌		
morning set	-829 Aug 11 j 17:56	0°♌51'47		
superior conj	-829 Aug 21 j 08:26	18°♌43'20	1°37'16	
minimum elong	-829 Aug 21 j 11:44	18°♌58'13	1°37'03	
	-829 Aug 27 j 18:12	0°♍		
max. Earth dist.	-829 Aug 28 j 22:52	2°♍02'12	1.41097 AU	
evening rise	-829 Sep 03 j 01:10	10°♍30'11		
desc. node	-829 Sep 07 j 17:05	17°♍57'23		
	-829 Sep 15 j 14:34	0°♎		
greatest brilliancy	-829 Oct 01 j 17:35	22°♎06'45	-0.3m	
evening max el	-829 Oct 06 j 22:55	27°♎58'07	22°58'07	
	-829 Oct 09 j 02:33	0°♏		
retrograde	-829 Oct 17 j 00:50	3°♏56'56		
evening set	-829 Oct 21 j 18:57	2°♏00'50		
	-829 Oct 23 j 19:39	30°℞♎		
asc. node	-829 Oct 25 j 10:49	27°♎58'49		
inferior conj	-829 Oct 27 j 04:10	25°♎38'24	0°35'31	
minimum elong	-829 Oct 27 j 03:21	25°♎41'15	0°35'09	
min. Earth dist.	-829 Oct 26 j 22:17	25°♎58'43	0.67613 AU	
morning rise	-829 Nov 01 j 11:44	19°♎25'40		
direct	-829 Nov 05 j 19:11	17°♎43'49		
morning max el	-829 Nov 14 j 17:50	22°♎59'39	21°42'03	
greatest brilliancy	-829 Nov 19 j 16:07	28°♎36'13	-0.4m	
	-829 Nov 20 j 18:44	0°♏		
desc. node	-829 Dec 04 j 16:20	19°♏30'43		
	-829 Dec 11 j 14:14	0°♐		
morning set	-829 Dec 16 j 14:54	7°♐52'57		
max. Earth dist.	-829 Dec 23 j 06:58	18°♐42'27	1.41702 AU	
	-829 Dec 29 j 22:46	0°♑		
superior conj	-829 Dec 30 j 20:52	1°♑36'10	-2°00'-9	
minimum elong	-829 Dec 30 j 19:48	1°♑31'29	2°00'09	
evening rise	-828 Jan 10 j 17:04	21°♑08'10		
	-828 Jan 15 j 13:47	0°♒		
asc. node	-828 Jan 21 j 10:07	9°♒52'20		
evening max el	-828 Jan 27 j 02:50	17°♒12'26	18°10'53	
retrograde	-828 Feb 02 j 23:36	20°♒40'52		
evening set	-828 Feb 05 j 13:36	20°♒11'59		
inferior conj	-828 Feb 12 j 10:23	15°♒20'06	3°46'12	
minimum elong	-828 Feb 12 j 12:02	15°♒16'18	3°46'03	
min. Earth dist.	-828 Feb 15 j 16:54	12°♒21'35	0.60472 AU	
morning rise	-828 Feb 19 j 07:28	9°♒36'39		
direct	-828 Feb 26 j 00:50	7°♒27'52		
desc. node	-828 Mar 01 j 15:28	8°♒23'54		
morning max el	-828 Mar 11 j 06:24	15°♒14'35	27°30'42	
	-828 Mar 23 j 06:20	0°♓		
	-828 Apr 09 j 15:26	0°♈		
morning set	-828 Apr 12 j 00:55	4°♈52'11		
asc. node	-828 Apr 18 j 09:27	18°♈26'35		
max. Earth dist.	-828 Apr 18 j 10:34	18°♈32'39	1.32423 AU	
superior conj	-828 Apr 19 j 06:30	20°♈21'43	0°09'17	
minimum elong	-828 Apr 19 j 06:05	20°♈19'25	0°09'12	
behind sun begin	-828 Apr 19 j 01:57	19°♈56'50		
behind sun end	-828 Apr 19 j 10:12	20°♈42'00		
	-828 Apr 23 j 16:24	0°♉		
evening rise	-828 Apr 26 j 05:22	5°♉26'01		
	-828 May 09 j 06:45	0°♊		
evening max el	-828 May 23 j 09:51	18°♊22'56	25°29'16	
desc. node	-828 May 28 j 14:42	22°♊35'09		
retrograde	-828 Jun 06 j 11:01	25°♊34'00		
evening set	-828 Jun 12 j 03:41	24°♊17'40		
min. Earth dist.	-828 Jun 16 j 21:51	21°♊34'29	0.58132 AU	
inferior conj	-828 Jun 20 j 03:10	19°♊18'35	-4°-36'-15	
minimum elong	-828 Jun 20 j 01:15	19°♊21'59	4°36'08	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning rise	-828 Jun 28 j 02:42	15°♊00'36		
direct	-828 Jun 30 j 14:58	14°♊41'01		
morning max el	-828 Jul 09 j 01:08	18°♊38'39	18°50'05	
asc. node	-828 Jul 15 j 08:42	26°♊33'07		
	-828 Jul 17 j 12:04	0°♋		
morning set	-828 Jul 25 j 12:31	14°♋53'08		
	-828 Aug 02 j 06:34	0°♌		
superior conj	-828 Aug 03 j 03:36	1°♌40'19	1°46'40	
minimum elong	-828 Aug 03 j 04:37	1°♌45'11	1°46'39	
max. Earth dist.	-828 Aug 10 j 02:04	14°♌26'57	1.39103 AU	
evening rise	-828 Aug 14 j 02:07	21°♌26'01		
	-828 Aug 19 j 05:23	0°♍		
desc. node	-828 Aug 24 j 14:05	8°♍29'53		
	-828 Sep 08 j 15:02	0°♎		
evening max el	-828 Sep 18 j 11:13	11°♎29'36	24°18'12	
retrograde	-828 Sep 29 j 15:39	18°♎03'17		
evening set	-828 Oct 05 j 00:08	15°♎48'52		
inferior conj	-828 Oct 10 j 10:25	9°♎25'35	0°-18'-31	
minimum elong	-828 Oct 10 j 10:52	9°♎24'04	0°18'20	
min. Earth dist.	-828 Oct 09 j 18:11	10°♎20'15	0.67415 AU	
asc. node	-828 Oct 11 j 07:53	8°♎13'50		
morning rise	-828 Oct 15 j 21:55	3°♎18'05		
direct	-828 Oct 19 j 16:09	1°♎57'15		
morning max el	-828 Oct 27 j 14:37	6°♎33'14	20°26'15	
greatest brilliancy	-828 Nov 03 j 00:57	14°♎14'56	-0.5m	
	-828 Nov 14 j 00:46	0°♏		
desc. node	-828 Nov 20 j 13:22	9°♏52'41		
morning set	-828 Nov 24 j 13:52	16°♏04'17		
	-828 Dec 03 j 10:14	0°♐		
max. Earth dist.	-828 Dec 04 j 14:09	1°♐51'59	1.43402 AU	
superior conj	-828 Dec 10 j 16:55	11°♐51'03	-1°-48'-16	
minimum elong	-828 Dec 10 j 11:12	11°♐27'24	1°47'55	
	-828 Dec 21 j 08:44	0°♑		
evening rise	-828 Dec 23 j 05:19	3°♑14'39		
asc. node	-827 Jan 07 j 07:10	27°♑44'55		
	-827 Jan 09 j 05:55	0°♒		
evening max el	-827 Jan 09 j 14:48	0°♒22'48	18°09'26	
retrograde	-827 Jan 16 j 03:31	3°♒49'13		
evening set	-827 Jan 18 j 21:29	3°♒11'36		
	-827 Jan 23 j 06:13	30°℞♑		
inferior conj	-827 Jan 25 j 06:23	27°♑58'44	3°52'38	
minimum elong	-827 Jan 25 j 05:49	28°♑00'14	3°52'37	
min. Earth dist.	-827 Jan 28 j 01:07	25°♑05'50	0.62490 AU	
morning rise	-827 Jan 31 j 12:02	22°♑02'05		
direct	-827 Feb 07 j 12:10	19°♑25'05		
desc. node	-827 Feb 16 j 12:31	22°♑58'44		
morning max el	-827 Feb 21 j 11:32	27°♑16'13	27°46'19	
	-827 Feb 24 j 02:04	0°♒		
	-827 Mar 16 j 21:33	0°♓		
morning set	-827 Mar 27 j 03:23	19°♓17'40		
	-827 Apr 01 j 06:41	0°♈		
max. Earth dist.	-827 Apr 01 j 19:31	1°♈08'41	1.32782 AU	
superior conj	-827 Apr 03 j 16:07	5°♈09'02	0°-16'-49	
minimum elong	-827 Apr 03 j 16:54	5°♈13'19	0°16'40	
asc. node	-827 Apr 05 j 06:30	8°♈37'18		
evening rise	-827 Apr 10 j 17:07	20°♈20'46		
	-827 Apr 15 j 10:36	0°♉		
evening max el	-827 May 05 j 01:01	29°♉07'36	24°00'07	
	-827 May 05 j 23:28	0°♊		
desc. node	-827 May 15 j 11:43	5°♊38'01		
retrograde	-827 May 18 j 20:32	6°♊03'55		
evening set	-827 May 23 j 03:29	5°♊23'05		
min. Earth dist.	-827 May 29 j 12:15	2°♊19'01	0.56382 AU	
inferior conj	-827 May 31 j 22:51	0°♊48'36	-3°-59'-18	
minimum elong	-827 May 31 j 16:48	0°♊58'00	3°58'09	
	-827 Jun 02 j 06:34	30°℞♉		
morning rise	-827 Jun 09 j 09:53	26°♉48'16		
direct	-827 Jun 12 j 00:24	26°♉30'36		
	-827 Jun 20 j 15:21	0°♊		
morning max el	-827 Jun 21 j 20:58	1°♊04'29	19°48'36	
asc. node	-827 Jul 02 j 05:46	15°♊14'11		
morning set	-827 Jul 09 j 14:54	29°♊19'32		
	-827 Jul 09 j 22:56	0°♋		
superior conj	-827 Jul 17 j 13:45	15°♋23'41	1°46'35	
minimum elong	-827 Jul 17 j 12:56	15°♋19'34	1°46'33	
max. Earth dist.	-827 Jul 23 j 05:32	26°♋21'22	1.37158 AU	
	-827 Jul 25 j 04:30	0°♌		
evening rise	-827 Jul 27 j 03:10	3°♌32'31		
desc. node	-827 Aug 11 j 11:06	28°♌49'16		
	-827 Aug 12 j 06:00	0°♍		
evening max el	-827 Aug 31 j 22:35	25°♍05'23	25°32'35	
	-827 Sep 06 j 22:52	0°♎		
retrograde	-827 Sep 13 j 02:06	2°♎04'32		
	-827 Sep 18 j 12:39	30°℞♍		
evening set	-827 Sep 19 j 01:22	29°♍33'59		
min. Earth dist.	-827 Sep 23 j 11:08	24°♍41'11	0.66902 AU	
inferior conj	-827 Sep 24 j 14:13	23°♍13'57	-1°-13'-54	
minimum elong	-827 Sep 24 j 16:03	23°♍08'01	1°13'08	
asc. node	-827 Sep 28 j 04:56	18°♍58'03		
morning rise	-827 Sep 30 j 07:24	17°♍14'37		
direct	-827 Oct 03 j 14:32	16°♍11'42		
morning max el	-827 Oct 10 j 18:55	20°♍16'28	19°23'44	
	-827 Oct 18 j 12:03	0°♎		
greatest brilliancy	-827 Oct 20 j 06:43	2°♎34'12	-0.7m	
morning set	-827 Nov 03 j 14:48	24°♎29'45		
desc. node	-827 Nov 07 j 10:25	0°♏26'32		
	-827 Nov 07 j 03:37	0°♏		
max. Earth dist.	-827 Nov 17 j 03:57	15°♏42'44	1.44547 AU	
superior conj	-827 Nov 20 j 10:30	20°♏54'28	-1°-18'-20	
minimum elong	-827 Nov 20 j 02:27	20°♏22'24	1°17'29	
	-827 Nov 26 j 02:17	0°♐		
evening rise	-827 Dec 04 j 21:03	14°♐26'07		
	-827 Dec 14 j 06:48	0°♑		
evening max el	-827 Dec 24 j 03:14	13°♑43'24	18°26'45	
asc. node	-827 Dec 25 j 04:13	14°♑43'10		
retrograde	-827 Dec 30 j 16:36	17°♑19'25		
evening set	-826 Jan 02 j 15:18	16°♑31'48		
inferior conj	-826 Jan 08 j 15:16	10°♑59'39	3°39'57	
minimum elong	-826 Jan 08 j 13:11	11°♑05'40	3°39'40	
min. Earth dist.	-826 Jan 10 j 18:56	8°♑30'41	0.64245 AU	
morning rise	-826 Jan 14 j 09:41	4°♑54'30		
direct	-826 Jan 21 j 07:03	2°♑04'14		
desc. node	-826 Feb 03 j 09:35	9°♑25'47		
morning max el	-826 Feb 03 j 20:08	9°♑51'50	27°26'03	
	-826 Feb 19 j 16:14	0°♒		
	-826 Mar 09 j 05:47	0°♓		
morning set	-826 Mar 10 j 21:59	3°♓15'28		
max. Earth dist.	-826 Mar 15 j 20:54	13°♓16'48	1.33555 AU	
superior conj	-826 Mar 18 j 22:01	19°♓40'51	0°-43'-18	
minimum elong	-826 Mar 19 j 00:04	19°♓51'42	0°42'55	
asc. node	-826 Mar 23 j 03:33	28°♓43'01		
	-826 Mar 23 j 17:58	0°♈		
evening rise	-826 Mar 26 j 04:25	5°♈09'28		
	-826 Apr 08 j 18:18	0°♉		
evening max el	-826 Apr 16 j 17:36	9°♉45'07	22°25'07	
retrograde	-826 Apr 29 j 17:06	16°♉07'48		
desc. node	-826 May 02 j 08:46	15°♉52'17		
evening set	-826 May 02 j 16:51	15°♉48'10		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

min. Earth dist.	-826 May 11 j 01:19	12°♉11'37	0.55277 AU
inferior conj	-826 May 12 j 00:57	11°♉38'07	-2°-37'-50
minimum elong	-826 May 11 j 18:25	11°♉47'24	2°35'52
morning rise	-826 May 20 j 22:03	7°♉43'40	
direct	-826 May 23 j 17:33	7°♉25'35	
morning max el	-826 Jun 04 j 05:44	12°♉48'00	21°07'04
	-826 Jun 16 j 17:02	0°♊	
asc. node	-826 Jun 19 j 02:49	4°♊26'56	
morning set	-826 Jun 23 j 22:26	14°♊02'57	
superior conj	-826 Jul 01 j 10:24	29°♊39'23	1°39'07
minimum elong	-826 Jul 01 j 08:24	29°♊29'05	1°38'58
	-826 Jul 01 j 14:24	0°♋	
max. Earth dist.	-826 Jul 05 j 15:30	8°♋11'55	1.35466 AU
evening rise	-826 Jul 09 j 23:34	16°♋36'11	
	-826 Jul 17 j 10:16	0°♌	
desc. node	-826 Jul 29 j 08:08	18°♌48'20	
	-826 Aug 06 j 15:28	0°♍	
evening max el	-826 Aug 14 j 10:23	8°♍40'37	26°33'29
retrograde	-826 Aug 27 j 07:27	15°♍54'13	
evening set	-826 Sep 02 j 20:35	13°♍12'16	
min. Earth dist.	-826 Sep 06 j 22:36	8°♍57'13	0.66047 AU
inferior conj	-826 Sep 08 j 13:35	6°♍59'35	-2°-8'-53
minimum elong	-826 Sep 08 j 16:47	6°♍49'57	2°07'42
morning rise	-826 Sep 14 j 14:03	1°♍11'45	
asc. node	-826 Sep 15 j 02:00	0°♍56'43	
direct	-826 Sep 17 j 12:28	0°♍23'10	
morning max el	-826 Sep 24 j 05:26	4°♍05'58	18°36'47
	-826 Oct 12 j 01:00	0°♎	
morning set	-826 Oct 14 j 14:40	4°♎07'00	
desc. node	-826 Oct 25 j 07:29	21°♎08'01	
superior conj	-826 Oct 30 j 11:38	29°♎17'02	0°-33'-17
minimum elong	-826 Oct 30 j 07:16	28°♎59'51	0°32'44
	-826 Oct 30 j 22:34	0°♏	
max. Earth dist.	-826 Oct 30 j 22:05	29°♎58'08	1.44995 AU
evening rise	-826 Nov 15 j 13:05	24°♏38'23	
	-826 Nov 18 j 21:54	0°♐	
evening max el	-826 Dec 07 j 13:35	27°♐09'17	19°01'43
	-826 Dec 10 j 23:54	0°♑	
asc. node	-826 Dec 12 j 01:15	0°♑32'50	
retrograde	-826 Dec 14 j 11:15	1°♑04'59	
evening set	-826 Dec 17 j 15:58	0°♑05'51	
	-826 Dec 17 j 19:43	30°℞♐	
inferior conj	-826 Dec 23 j 09:28	24°♐16'43	3°13'42
minimum elong	-826 Dec 23 j 06:41	24°♐25'26	3°13'03
min. Earth dist.	-826 Dec 24 j 22:03	22°♐22'13	0.65634 AU
morning rise	-826 Dec 28 j 20:28	18°♐05'52	
direct	-825 Jan 04 j 08:16	15°♐17'03	
morning max el	-825 Jan 17 j 05:45	22°♐50'44	26°35'19
desc. node	-825 Jan 21 j 06:40	27°♐13'25	
	-825 Jan 23 j 14:22	0°♑	
	-825 Feb 12 j 22:56	0°♒	
morning set	-825 Feb 22 j 05:10	16°♒34'34	
max. Earth dist.	-825 Feb 26 j 11:34	24°♒50'57	1.34773 AU
	-825 Mar 01 j 01:04	0°♓	
superior conj	-825 Mar 02 j 22:00	3°♓50'09	-1°-8'-55
minimum elong	-825 Mar 03 j 01:08	4°♓06'18	1°08'25
asc. node	-825 Mar 10 j 00:35	18°♓39'28	
evening rise	-825 Mar 10 j 13:25	19°♓45'51	
	-825 Mar 15 j 16:21	0°♈	
evening max el	-825 Mar 29 j 17:55	20°♈42'56	20°57'35
retrograde	-825 Apr 10 j 06:19	26°♈16'24	
evening set	-825 Apr 12 j 13:07	26°♈04'07	
desc. node	-825 Apr 19 j 05:47	23°♈31'35	
inferior conj	-825 Apr 21 j 19:24	22°♈06'10	0°-43'-53
minimum elong	-825 Apr 21 j 17:19	22°♈09'07	0°43'08
min. Earth dist.	-825 Apr 22 j 14:31	21°♈39'03	0.55062 AU
morning rise	-825 Apr 30 j 20:46	18°♈00'00	
direct	-825 May 04 j 04:25	17°♈36'11	
morning max el	-825 May 17 j 04:08	23°♈50'37	22°41'15
	-825 May 22 j 16:47	0°♉	
asc. node	-825 Jun 05 j 23:53	24°♉03'26	
morning set	-825 Jun 08 j 09:05	28°♉57'33	
	-825 Jun 08 j 21:01	0°♊	
superior conj	-825 Jun 15 j 14:13	14°♊17'37	1°25'57
minimum elong	-825 Jun 15 j 11:43	14°♊04'22	1°25'40
max. Earth dist.	-825 Jun 18 j 11:01	20°♊19'15	1.34133 AU
evening rise	-825 Jun 23 j 10:24	0°♋23'25	
	-825 Jun 23 j 05:38	0°♋	
	-825 Jul 10 j 10:54	0°♌	
desc. node	-825 Jul 16 j 05:08	8°♌18'07	
evening max el	-825 Jul 27 j 22:10	22°♌05'30	27°13'11
retrograde	-825 Aug 10 j 07:13	29°♌24'56	
evening set	-825 Aug 17 j 07:11	26°♌39'46	
min. Earth dist.	-825 Aug 21 j 02:13	23°♌02'13	0.64825 AU
inferior conj	-825 Aug 23 j 06:18	20°♌38'03	-3°-1'-16
minimum elong	-825 Aug 23 j 10:32	20°♌26'18	2°59'56
morning rise	-825 Aug 29 j 15:29	15°♌05'11	
direct	-825 Sep 01 j 07:33	14°♌27'28	
asc. node	-825 Sep 01 j 23:05	14°♌29'42	
morning max el	-825 Sep 07 j 19:51	17°♌57'06	18°06'37
	-825 Sep 16 j 15:33	0°♍	
morning set	-825 Sep 25 j 18:57	15°♍07'42	
	-825 Oct 04 j 18:53	0°♎	
superior conj	-825 Oct 09 j 17:42	7°♎59'18	0°16'01
minimum elong	-825 Oct 09 j 19:38	8°♎07'02	0°15'44
behind sun begin	-825 Oct 09 j 16:59	7°♎56'24	
behind sun end	-825 Oct 09 j 22:18	8°♎17'41	
desc. node	-825 Oct 12 j 04:30	11°♎53'38	
max. Earth dist.	-825 Oct 13 j 16:57	14°♎18'03	1.44699 AU
	-825 Oct 23 j 17:41	0°♏	
evening rise	-825 Oct 26 j 07:00	3°♏57'35	
	-825 Nov 12 j 11:46	0°♐	
greatest brilliancy	-825 Nov 13 j 09:29	1°♐17'04	-0.6m
evening max el	-825 Nov 20 j 19:44	10°♐36'39	19°52'43
retrograde	-825 Nov 28 j 08:29	15°♐00'44	
asc. node	-825 Nov 28 j 22:17	14°♐58'51	
evening set	-825 Dec 01 j 21:01	13°♐48'12	
inferior conj	-825 Dec 07 j 10:04	7°♐45'07	2°37'34
minimum elong	-825 Dec 07 j 07:15	7°♐54'27	2°36'41
min. Earth dist.	-825 Dec 08 j 09:01	6°♐29'01	0.66640 AU
morning rise	-825 Dec 12 j 16:53	1°♐30'37	
	-825 Dec 14 j 17:56	30°℞♏	
direct	-825 Dec 18 j 15:03	28°♏54'19	
	-825 Dec 22 j 20:56	0°♐	
morning max el	-825 Dec 30 j 14:43	6°♐01'24	25°22'25
desc. node	-824 Jan 08 j 03:43	15°♐57'34	
	-824 Jan 18 j 05:01	0°♑	
morning set	-824 Feb 04 j 20:01	28°♑59'58	
	-824 Feb 05 j 09:16	0°♒	
max. Earth dist.	-824 Feb 08 j 14:44	5°♒58'10	1.36435 AU
superior conj	-824 Feb 14 j 13:12	17°♒27'40	-1°-31'-59
minimum elong	-824 Feb 14 j 16:54	17°♒46'05	1°31'32
	-824 Feb 20 j 18:11	0°♓	
evening rise	-824 Feb 22 j 17:56	4°♓02'12	
asc. node	-824 Feb 24 j 21:37	8°♓20'57	
	-824 Mar 09 j 01:54	0°♈	
evening max el	-824 Mar 11 j 05:02	2°♈15'20	19°45'46
retrograde	-824 Mar 21 j 00:30	6°♈57'18	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-824 Mar 23 j 04:11	6°♈44'42	
inferior conj	-824 Mar 31 j 20:31	2°♈42'11	1°11'09
minimum elong	-824 Mar 31 j 23:27	2°♈37'36	1°10'10
min. Earth dist.	-824 Apr 03 j 04:43	1°♈14'49	0.55787 AU
desc. node	-824 Apr 05 j 02:50	0°♈07'30	
	-824 Apr 05 j 08:17	30°℞♓	
morning rise	-824 Apr 09 j 15:26	28°♓07'30	
direct	-824 Apr 13 j 21:20	27°♓27'25	
	-824 Apr 22 j 03:53	0°♈	
morning max el	-824 Apr 27 j 20:03	4°♈25'56	24°21'57
	-824 May 15 j 20:36	0°♉	
morning set	-824 May 22 j 21:02	13°♉56'56	
asc. node	-824 May 22 j 20:56	13°♉56'23	
superior conj	-824 May 29 j 22:38	29°♉09'44	1°08'22
minimum elong	-824 May 29 j 20:12	28°♉56'34	1°08'00
	-824 May 30 j 07:55	0°♊	
max. Earth dist.	-824 May 31 j 15:16	2°♊48'52	1.33176 AU
evening rise	-824 Jun 06 j 07:29	14°♊41'37	
	-824 Jun 14 j 07:36	0°♋	
desc. node	-824 Jul 02 j 02:08	27°♋06'25	
	-824 Jul 04 j 11:55	0°♌	
evening max el	-824 Jul 09 j 08:11	5°♌07'46	27°25'09
retrograde	-824 Jul 23 j 01:12	12°♌27'58	
evening set	-824 Jul 30 j 05:57	9°♌51'22	
min. Earth dist.	-824 Aug 02 j 20:15	6°♌46'33	0.63235 AU
inferior conj	-824 Aug 05 j 13:40	4°♌03'39	-3°-47'-47
minimum elong	-824 Aug 05 j 18:13	3°♌52'16	3°46'43
	-824 Aug 10 j 04:24	30°℞♋	
morning rise	-824 Aug 12 j 08:44	28°♋49'03	
direct	-824 Aug 14 j 20:53	28°♋19'08	
asc. node	-824 Aug 18 j 20:08	29°♋35'07	
	-824 Aug 19 j 10:54	0°♌	
morning max el	-824 Aug 21 j 11:28	1°♌44'10	17°54'04
morning set	-824 Sep 06 j 23:44	27°♌18'37	
	-824 Sep 08 j 12:32	0°♍	
superior conj	-824 Sep 18 j 22:43	17°♍51'18	0°57'46
minimum elong	-824 Sep 19 j 03:46	18°♍12'19	0°57'09
max. Earth dist.	-824 Sep 25 j 08:56	28°♍22'13	1.43707 AU
	-824 Sep 26 j 09:18	0°♎	
desc. node	-824 Sep 28 j 01:31	2°♎40'20	
evening rise	-824 Oct 04 j 13:29	12°♎51'12	
	-824 Oct 15 j 21:01	0°♏	
greatest brilliancy	-824 Oct 28 j 07:38	17°♏34'09	-0.5m
evening max el	-824 Nov 02 j 20:18	24°♏04'32	20°57'27
retrograde	-824 Nov 11 j 06:01	29°♏03'35	
asc. node	-824 Nov 14 j 19:20	27°♏51'47	
evening set	-824 Nov 15 j 04:21	27°♏35'38	
inferior conj	-824 Nov 20 j 14:44	21°♏22'05	1°54'10
minimum elong	-824 Nov 20 j 12:24	21°♏30'05	1°53'17
min. Earth dist.	-824 Nov 21 j 01:42	20°♏44'31	0.67281 AU
morning rise	-824 Nov 25 j 20:03	15°♏06'10	
direct	-824 Dec 01 j 03:01	12°♏49'05	
morning max el	-824 Dec 11 j 23:19	19°♏17'16	23°57'19
	-824 Dec 21 j 01:15	0°♐	
desc. node	-824 Dec 25 j 00:46	5°♐22'10	
	-823 Jan 10 j 08:52	0°♑	
morning set	-823 Jan 16 j 12:35	10°♑16'09	
max. Earth dist.	-823 Jan 20 j 10:26	17°♑06'05	1.38437 AU
	-823 Jan 27 j 10:52	0°♒	
superior conj	-823 Jan 27 j 16:03	0°♒24'31	-1°-50'-4
minimum elong	-823 Jan 27 j 19:17	0°♒39'54	1°49'51
evening rise	-823 Feb 05 j 15:35	17°♒52'19	
asc. node	-823 Feb 10 j 18:38	27°♒42'08	
	-823 Feb 12 j 00:54	0°♓	
evening max el	-823 Feb 22 j 02:38	14°♓24'57	18°53'09
retrograde	-823 Mar 02 j 09:58	18°♓25'35	
evening set	-823 Mar 04 j 17:09	18°♓08'22	
inferior conj	-823 Mar 12 j 15:18	13°♓50'11	2°39'01
minimum elong	-823 Mar 12 j 19:47	13°♓42'04	2°37'51
min. Earth dist.	-823 Mar 15 j 21:01	11°♓31'01	0.57297 AU
morning rise	-823 Mar 20 j 18:14	8°♓43'01	
desc. node	-823 Mar 22 j 23:52	7°♓57'07	
direct	-823 Mar 26 j 03:51	7°♓32'41	
morning max el	-823 Apr 09 j 11:18	14°♓59'51	25°54'53
	-823 Apr 21 j 11:36	0°♈	
morning set	-823 May 07 j 08:40	28°♈55'12	
	-823 May 07 j 20:58	0°♉	
asc. node	-823 May 09 j 17:58	4°♉00'14	
superior conj	-823 May 14 j 09:36	14°♉08'37	0°47'22
minimum elong	-823 May 14 j 07:41	13°♉58'08	0°47'01
max. Earth dist.	-823 May 15 j 01:32	15°♉35'47	1.32595 AU
evening rise	-823 May 21 j 11:39	29°♉20'39	
	-823 May 21 j 19:16	0°♊	
	-823 Jun 07 j 12:15	0°♋	
desc. node	-823 Jun 18 j 23:08	14°♋55'29	
evening max el	-823 Jun 21 j 14:07	17°♋35'11	27°05'03
retrograde	-823 Jul 05 j 12:25	24°♋53'24	
evening set	-823 Jul 12 j 12:44	22°♋39'40	
min. Earth dist.	-823 Jul 16 j 04:10	19°♋56'24	0.61336 AU
inferior conj	-823 Jul 19 j 08:30	17°♋08'32	-4°-23'-20
minimum elong	-823 Jul 19 j 12:01	17°♋00'45	4°22'51
morning rise	-823 Jul 26 j 14:14	12°♋14'54	
direct	-823 Jul 29 j 00:51	11°♋50'18	
morning max el	-823 Aug 05 j 01:19	15°♋19'38	18°00'06
asc. node	-823 Aug 05 j 17:12	15°♋59'47	
	-823 Aug 15 j 05:30	0°♌	
morning set	-823 Aug 20 j 23:03	10°♌22'48	
superior conj	-823 Aug 31 j 07:10	29°♌04'16	1°26'37
minimum elong	-823 Aug 31 j 11:38	29°♌23'50	1°26'13
	-823 Aug 31 j 19:55	0°♍	
max. Earth dist.	-823 Sep 07 j 19:36	11°♍53'23	1.42161 AU
evening rise	-823 Sep 14 j 02:41	22°♍05'58	
desc. node	-823 Sep 14 j 22:31	23°♍24'30	
	-823 Sep 19 j 04:00	0°♎	
	-823 Oct 10 j 03:02	0°♏	
greatest brilliancy	-823 Oct 11 j 21:39	2°♏12'57	-0.3m
evening max el	-823 Oct 16 j 15:05	7°♏32'46	22°12'24
retrograde	-823 Oct 26 j 01:53	13°♏10'00	
evening set	-823 Oct 30 j 12:10	11°♏24'43	
asc. node	-823 Nov 01 j 16:23	9°♏15'53	
inferior conj	-823 Nov 04 j 21:25	5°♏04'31	1°05'23
minimum elong	-823 Nov 04 j 19:57	5°♏09'35	1°04'47
min. Earth dist.	-823 Nov 04 j 21:34	5°♏03'59	0.67586 AU
	-823 Nov 08 j 21:39	30°℞♎	
morning rise	-823 Nov 10 j 03:33	28°♎49'41	
direct	-823 Nov 14 j 19:20	26°♎54'44	
	-823 Nov 21 j 13:49	0°♏	
morning max el	-823 Nov 24 j 10:05	2°♏36'54	22°29'54
greatest brilliancy	-823 Nov 29 j 01:23	7°♏49'08	-0.3m
desc. node	-823 Dec 11 j 21:48	25°♏15'09	
	-823 Dec 15 j 03:05	0°♐	
morning set	-823 Dec 28 j 01:05	20°♐08'54	
max. Earth dist.	-822 Jan 02 j 06:29	28°♐50'02	1.40552 AU
	-822 Jan 02 j 22:57	0°♑	
superior conj	-822 Jan 10 j 01:52	12°♑28'51	-1°-59'-52
minimum elong	-822 Jan 10 j 02:57	12°♑33'45	1°59'54
	-822 Jan 19 j 12:42	0°♒	
evening rise	-822 Jan 20 j 03:16	1°♒08'41	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

asc. node	-822 Jan 28 j 15:40	16°♒36'17	
evening max el	-822 Feb 05 j 08:17	27°♒05'29	18°20'39
	-822 Feb 09 j 10:42	0°♓	
retrograde	-822 Feb 12 j 14:11	0°♓40'47	
evening set	-822 Feb 15 j 01:56	0°♓16'29	
	-822 Feb 15 j 20:05	30°℞♒	
inferior conj	-822 Feb 22 j 07:05	25°♒37'25	3°30'56
minimum elong	-822 Feb 22 j 10:06	25°♒31'03	3°30'29
min. Earth dist.	-822 Feb 25 j 17:12	22°♒46'06	0.59270 AU
morning rise	-822 Mar 01 j 14:42	20°♒05'00	
direct	-822 Mar 07 j 23:35	18°♒16'39	
desc. node	-822 Mar 09 j 20:55	18°♒25'58	
morning max el	-822 Mar 22 j 06:48	25°♒58'26	27°05'04
	-822 Mar 26 j 01:25	0°♓	
	-822 Apr 14 j 19:14	0°♈	
morning set	-822 Apr 21 j 18:19	13°♈46'35	
asc. node	-822 Apr 26 j 15:00	24°♈10'28	
superior conj	-822 Apr 28 j 21:23	29°♈08'12	0°23'47
minimum elong	-822 Apr 28 j 20:20	29°♈02'29	0°23'33
max. Earth dist.	-822 Apr 28 j 14:23	28°♈29'51	1.32379 AU
	-822 Apr 29 j 06:49	0°♉	
evening rise	-822 May 05 j 20:25	14°♉12'13	
	-822 May 13 j 20:30	0°♊	
evening max el	-822 Jun 03 j 14:01	29°♊19'47	26°12'26
	-822 Jun 04 j 07:13	0°♋	
desc. node	-822 Jun 05 j 20:08	1°♋20'41	
retrograde	-822 Jun 17 j 15:14	6°♋33'59	
evening set	-822 Jun 23 j 23:00	4°♋55'26	
min. Earth dist.	-822 Jun 28 j 02:58	2°♋17'11	0.59284 AU
inferior conj	-822 Jul 01 j 11:13	29°♊43'47	-4°-39'-49
minimum elong	-822 Jul 01 j 11:47	29°♊42'41	4°39'48
	-822 Jul 01 j 02:49	30°℞♊	
morning rise	-822 Jul 09 j 04:06	25°♊12'38	
direct	-822 Jul 11 j 15:23	24°♊51'29	
morning max el	-822 Jul 19 j 10:24	28°♊35'28	18°25'52
	-822 Jul 20 j 19:18	0°♋	
asc. node	-822 Jul 23 j 14:15	3°♋28'28	
morning set	-822 Aug 04 j 11:51	24°♋07'11	
	-822 Aug 07 j 13:25	0°♌	
superior conj	-822 Aug 13 j 15:22	11°♌28'17	1°42'33
minimum elong	-822 Aug 13 j 17:42	11°♌39'01	1°42'26
max. Earth dist.	-822 Aug 21 j 01:12	24°♌43'48	1.40266 AU
	-822 Aug 24 j 03:21	0°♍	
evening rise	-822 Aug 25 j 13:13	2°♍21'30	
desc. node	-822 Sep 01 j 19:31	14°♍02'49	
	-822 Sep 12 j 12:02	0°♎	
evening max el	-822 Sep 29 j 05:21	21°♎03'36	23°32'23
retrograde	-822 Oct 09 j 18:44	27°♎17'33	
evening set	-822 Oct 14 j 18:48	25°♎13'49	
asc. node	-822 Oct 19 j 13:27	19°♎41'37	
inferior conj	-822 Oct 20 j 04:21	18°♎50'43	0°12'51
minimum elong	-822 Oct 20 j 04:02	18°♎51'47	0°12'43
transit middle	-822 Oct 20 j 04:02	18°♎51'47	0°12'43
transit begin	-822 Oct 20 j 02:20	18°♎57'35	
transit end	-822 Oct 20 j 05:44	18°♎45'59	
min. Earth dist.	-822 Oct 19 j 18:09	19°♎25'34	0.67576 AU
morning rise	-822 Oct 25 j 13:21	12°♎39'46	
direct	-822 Oct 29 j 15:03	11°♎06'55	
morning max el	-822 Nov 07 j 02:31	16°♎04'31	21°08'14
greatest brilliancy	-822 Nov 12 j 13:13	22°♎23'23	-0.5m
	-822 Nov 18 j 04:52	0°♏	
desc. node	-822 Nov 28 j 18:50	15°♏28'27	
morning set	-822 Dec 07 j 09:59	28°♏44'38	
	-822 Dec 08 j 05:10	0°♐	
max. Earth dist.	-822 Dec 15 j 09:32	11°♐30'52	1.42489 AU
superior conj	-822 Dec 22 j 13:07	23°♐27'04	-1°-57'-12
minimum elong	-822 Dec 22 j 10:06	23°♐14'12	1°57'07
	-822 Dec 26 j 08:10	0°♑	
evening rise	-821 Jan 03 j 01:18	13°♑43'04	
	-821 Jan 12 j 08:10	0°♒	
asc. node	-821 Jan 15 j 12:43	4°♒54'27	
evening max el	-821 Jan 19 j 18:49	10°♒07'25	18°07'57
retrograde	-821 Jan 26 j 10:47	13°♒33'07	
evening set	-821 Jan 29 j 02:35	13°♒00'28	
inferior conj	-821 Feb 04 j 17:53	7°♒59'26	3°51'41
minimum elong	-821 Feb 04 j 18:32	7°♒57'52	3°51'40
min. Earth dist.	-821 Feb 07 j 20:04	5°♒00'50	0.61355 AU
morning rise	-821 Feb 11 j 07:56	2°♒10'00	
	-821 Feb 16 j 04:28	30°℞♑	
direct	-821 Feb 18 j 05:37	29°♑47'40	
	-821 Feb 20 j 07:53	0°♒	
desc. node	-821 Feb 24 j 18:00	1°♒39'47	
morning max el	-821 Mar 04 j 08:36	7°♒36'13	27°41'58
	-821 Mar 21 j 10:18	0°♓	
morning set	-821 Apr 06 j 00:01	28°♓23'29	
	-821 Apr 06 j 18:45	0°♈	
max. Earth dist.	-821 Apr 12 j 02:02	11°♈17'02	1.32529 AU
superior conj	-821 Apr 13 j 08:14	14°♈01'26	0°-1'-40
minimum elong	-821 Apr 13 j 08:19	14°♈01'51	0°01'40
behind sun begin	-821 Apr 13 j 03:16	13°♈34'16	
behind sun end	-821 Apr 13 j 13:22	14°♈29'27	
asc. node	-821 Apr 13 j 12:01	14°♈22'05	
evening rise	-821 Apr 20 j 07:37	29°♈07'45	
	-821 Apr 20 j 17:32	0°♉	
	-821 May 07 j 14:20	0°♊	
evening max el	-821 May 16 j 07:28	10°♊21'30	24°53'05
desc. node	-821 May 23 j 17:11	15°♊48'01	
retrograde	-821 May 30 j 07:10	17°♊27'14	
evening set	-821 Jun 04 j 10:17	16°♊27'15	
min. Earth dist.	-821 Jun 09 j 19:05	13°♊36'56	0.57334 AU
inferior conj	-821 Jun 12 j 18:31	11°♊38'41	-4°-25'-51
minimum elong	-821 Jun 12 j 14:40	11°♊45'07	4°25'25
morning rise	-821 Jun 20 j 22:55	7°♊28'56	
direct	-821 Jun 23 j 12:14	7°♊10'09	
morning max el	-821 Jul 02 j 11:41	11°♊21'19	19°12'26
asc. node	-821 Jul 10 j 11:18	21°♊46'08	
	-821 Jul 15 j 03:02	0°♋	
morning set	-821 Jul 19 j 10:08	8°♋20'20	
superior conj	-821 Jul 27 j 17:31	24°♋46'37	1°47'39
minimum elong	-821 Jul 27 j 17:41	24°♋47'25	1°47'39
	-821 Jul 30 j 10:56	0°♌	
max. Earth dist.	-821 Aug 03 j 04:17	6°♌55'06	1.38261 AU
evening rise	-821 Aug 07 j 00:51	13°♌48'21	
	-821 Aug 16 j 18:50	0°♍	
desc. node	-821 Aug 19 j 16:33	4°♍30'40	
	-821 Sep 07 j 09:41	0°♎	
evening max el	-821 Sep 11 j 17:10	4°♎37'51	24°50'57
retrograde	-821 Sep 23 j 07:39	11°♎22'51	
evening set	-821 Sep 28 j 22:34	9°♎01'08	
min. Earth dist.	-821 Oct 03 j 13:02	3°♎47'42	0.67245 AU
inferior conj	-821 Oct 04 j 09:48	2°♎38'59	0°-41'-55
minimum elong	-821 Oct 04 j 10:50	2°♎35'34	0°41'29
asc. node	-821 Oct 06 j 10:31	0°♎02'34	
	-821 Oct 06 j 11:22	30°℞♍	
morning rise	-821 Oct 09 j 23:31	26°♍34'47	
direct	-821 Oct 13 j 12:51	25°♍21'54	
morning max el	-821 Oct 21 j 02:38	29°♍42'55	19°57'52
	-821 Oct 21 j 09:18	0°♎	
greatest brilliancy	-821 Oct 28 j 12:19	8°♎50'00	-0.6m
	-821 Nov 11 j 19:10	0°♏	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-821 Nov 15 j 15:53	5°♏56'24	
morning set	-821 Nov 16 j 06:47	6°♏53'58	
max. Earth dist.	-821 Nov 27 j 20:32	25°♏03'06	1.43974 AU
	-821 Nov 30 j 22:33	0°♐	
superior conj	-821 Dec 02 j 21:38	3°♐10'43	-1°-37'-48
minimum elong	-821 Dec 02 j 14:20	2°♐41'04	1°37'12
evening rise	-821 Dec 16 j 05:25	25°♐27'54	
	-821 Dec 18 j 20:55	0°♑	
asc. node	-820 Jan 02 j 09:47	22°♑25'59	
evening max el	-820 Jan 03 j 07:20	23°♑23'14	18°14'31
retrograde	-820 Jan 09 j 19:16	26°♑52'30	
evening set	-820 Jan 12 j 15:10	26°♑10'41	
inferior conj	-820 Jan 18 j 19:54	20°♑49'02	3°49'13
minimum elong	-820 Jan 18 j 18:35	20°♑52'37	3°49'07
min. Earth dist.	-820 Jan 21 j 08:13	18°♑04'51	0.63276 AU
morning rise	-820 Jan 24 j 20:16	14°♑48'19	
direct	-820 Jan 31 j 20:06	12°♑04'12	
desc. node	-820 Feb 11 j 15:03	17°♑07'14	
morning max el	-820 Feb 14 j 15:43	19°♑54'23	27°41'57
	-820 Feb 23 j 07:54	0°♒	
	-820 Mar 13 j 09:01	0°♓	
morning set	-820 Mar 19 j 23:31	12°♓38'27	
max. Earth dist.	-820 Mar 25 j 08:29	23°♓43'44	1.33064 AU
superior conj	-820 Mar 27 j 16:30	28°♓42'49	0°-28'-4
minimum elong	-820 Mar 27 j 17:50	28°♓49'57	0°27'48
	-820 Mar 28 j 06:50	0°♈	
asc. node	-820 Mar 30 j 09:05	4°♈31'17	
evening rise	-820 Apr 03 j 19:25	14°♈00'50	
	-820 Apr 11 j 21:58	0°♉	
evening max el	-820 Apr 26 j 22:10	20°♉58'27	23°19'26
desc. node	-820 May 09 j 14:14	27°♉41'27	
retrograde	-820 May 10 j 10:52	27°♉43'07	
evening set	-820 May 14 j 03:42	27°♉13'02	
min. Earth dist.	-820 May 21 j 08:16	23°♉56'47	0.55819 AU
inferior conj	-820 May 23 j 05:55	22°♉49'29	-3°-30'00
minimum elong	-820 May 22 j 23:00	22°♉59'44	3°28'20
morning rise	-820 May 31 j 21:39	18°♉53'58	
direct	-820 Jun 03 j 13:52	18°♉36'31	
morning max el	-820 Jun 14 j 02:52	23°♉29'12	20°19'47
	-820 Jun 19 j 17:38	0°♊	
asc. node	-820 Jun 26 j 08:21	10°♊41'19	
morning set	-820 Jul 02 j 14:56	22°♊54'23	
	-820 Jul 06 j 01:54	0°♋	
superior conj	-820 Jul 10 j 08:34	8°♋44'51	1°44'12
minimum elong	-820 Jul 10 j 07:09	8°♋37'44	1°44'09
max. Earth dist.	-820 Jul 15 j 09:52	18°♋44'18	1.36395 AU
evening rise	-820 Jul 19 j 10:40	26°♋20'00	
	-820 Jul 21 j 11:06	0°♌	
desc. node	-820 Aug 05 j 13:35	24°♌42'16	
	-820 Aug 09 j 05:30	0°♍	
evening max el	-820 Aug 24 j 04:27	18°♍13'22	26°00'34
retrograde	-820 Sep 05 j 16:00	25°♍20'12	
evening set	-820 Sep 11 j 21:32	22°♍43'40	
min. Earth dist.	-820 Sep 16 j 03:49	18°♍07'06	0.66581 AU
inferior conj	-820 Sep 17 j 11:56	16°♍26'19	-1°-37'-23
minimum elong	-820 Sep 17 j 14:22	16°♍18'40	1°36'25
asc. node	-820 Sep 22 j 07:35	11°♍13'57	
morning rise	-820 Sep 23 j 08:04	10°♍31'47	
direct	-820 Sep 26 j 11:09	9°♍35'32	
morning max el	-820 Oct 03 j 09:54	13°♍29'45	19°01'51
	-820 Oct 15 j 13:27	0°♎	
morning set	-820 Oct 25 j 15:49	15°♎46'00	
desc. node	-820 Nov 01 j 12:55	26°♎34'00	
	-820 Nov 03 j 17:25	0°♏	
max. Earth dist.	-820 Nov 09 j 12:41	9°♏07'13	1.44825 AU
superior conj	-820 Nov 11 j 06:09	11°♏50'43	-1°00'-34
minimum elong	-820 Nov 10 j 22:56	11°♏22'13	0°59'44
	-820 Nov 22 j 15:01	0°♐	
evening rise	-820 Nov 26 j 11:23	6°♐14'58	
	-820 Dec 11 j 09:54	0°♑	
evening max el	-820 Dec 16 j 19:05	6°♑46'13	18°39'27
asc. node	-820 Dec 19 j 06:51	8°♑56'57	
retrograde	-820 Dec 23 j 11:15	10°♑29'53	
evening set	-820 Dec 26 j 12:13	9°♑37'41	
inferior conj	-819 Jan 01 j 09:09	3°♑57'48	3°30'13
minimum elong	-819 Jan 01 j 06:41	4°♑05'13	3°29'47
min. Earth dist.	-819 Jan 03 j 06:16	1°♑42'34	0.64882 AU
	-819 Jan 04 j 18:27	30°℞♐	
morning rise	-819 Jan 06 j 23:58	27°♐49'38	
direct	-819 Jan 13 j 17:45	24°♐58'25	
	-819 Jan 24 j 03:34	0°♑	
morning max el	-819 Jan 27 j 01:18	2°♑42'14	27°07'43
desc. node	-819 Jan 28 j 12:06	4°♑11'55	
	-819 Feb 16 j 14:23	0°♒	
morning set	-819 Mar 03 j 13:45	26°♒21'14	
	-819 Mar 05 j 10:28	0°♓	
max. Earth dist.	-819 Mar 08 j 05:39	5°♓37'33	1.34018 AU
superior conj	-819 Mar 11 j 20:08	13°♓05'25	0°-54'-23
minimum elong	-819 Mar 11 j 22:41	13°♓18'47	0°53'55
asc. node	-819 Mar 17 j 06:09	24°♓33'27	
evening rise	-819 Mar 19 j 05:56	28°♓44'36	
	-819 Mar 19 j 20:26	0°♈	
	-819 Apr 07 j 01:43	0°♉	
evening max el	-819 Apr 08 j 17:12	1°♉40'53	21°46'18
retrograde	-819 Apr 21 j 03:42	7°♉44'40	
evening set	-819 Apr 23 j 17:57	7°♉29'34	
desc. node	-819 Apr 26 j 11:14	6°♉43'51	
inferior conj	-819 May 03 j 03:06	3°♉26'22	-1°-51'-53
minimum elong	-819 May 02 j 22:01	3°♉33'31	1°50'10
min. Earth dist.	-819 May 02 j 21:24	3°♉34'22	0.55062 AU
	-819 May 10 j 06:19	30°℞♈	
morning rise	-819 May 12 j 03:04	29°♈29'16	
direct	-819 May 15 j 02:14	29°♈09'51	
	-819 May 19 j 17:43	0°♉	
morning max el	-819 May 27 j 07:07	4°♉55'01	21°45'44
asc. node	-819 Jun 13 j 05:24	0°♊04'59	
	-819 Jun 13 j 04:23	0°♊	
morning set	-819 Jun 16 j 23:59	7°♊43'07	
superior conj	-819 Jun 24 j 08:37	23°♊11'30	1°34'09
minimum elong	-819 Jun 24 j 06:20	22°♊59'34	1°33'57
	-819 Jun 27 j 15:46	0°♋	
max. Earth dist.	-819 Jun 27 j 23:23	0°♋38'42	1.34843 AU
evening rise	-819 Jul 02 j 13:44	9°♋43'53	
	-819 Jul 13 j 22:56	0°♌	
desc. node	-819 Jul 23 j 10:35	14°♌30'22	
	-819 Aug 04 j 22:09	0°♍	
evening max el	-819 Aug 06 j 16:11	1°♍45'09	26°53'26
retrograde	-819 Aug 19 j 19:17	9°♍03'08	
evening set	-819 Aug 26 j 13:28	6°♍18'25	
min. Earth dist.	-819 Aug 30 j 12:15	2°♍19'34	0.65564 AU
inferior conj	-819 Sep 01 j 08:46	0°♍09'41	-2°-31'-36
minimum elong	-819 Sep 01 j 12:27	29°♌58'55	2°30'18
	-819 Sep 01 j 12:05	30°℞♌	
morning rise	-819 Sep 07 j 12:47	24°♌27'54	
asc. node	-819 Sep 09 j 04:36	23°♌51'46	
direct	-819 Sep 10 j 08:05	23°♌44'31	
morning max el	-819 Sep 16 j 22:26	27°♌21'03	18°21'53
	-819 Sep 19 j 06:49	0°♍	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-819 Oct 06 j 03:51	25°♍59'21	
	-819 Oct 08 j 15:01	0°♎	
desc. node	-819 Oct 19 j 09:58	17°♎17'51	
superior conj	-819 Oct 21 j 06:41	20°♎14'37	0°-12'-8
minimum elong	-819 Oct 21 j 05:05	20°♎08'19	0°11'57
behind sun begin	-819 Oct 20 j 21:24	19°♎37'57	
behind sun end	-819 Oct 21 j 12:46	20°♎38'39	
max. Earth dist.	-819 Oct 23 j 07:03	23°♎25'13	1.44955 AU
	-819 Oct 27 j 11:35	0°♏	
evening rise	-819 Nov 06 j 17:23	16°♏02'53	
	-819 Nov 15 j 15:27	0°♐	
greatest brilliancy	-819 Nov 20 j 20:20	7°♐56'36	-0.7m
evening max el	-819 Nov 30 j 03:52	20°♐13'09	19°21'31
asc. node	-819 Dec 06 j 03:53	24°♐12'47	
retrograde	-819 Dec 07 j 07:18	24°♐20'07	
evening set	-819 Dec 10 j 15:01	23°♐15'44	
inferior conj	-819 Dec 16 j 06:25	17°♐20'26	2°59'23
minimum elong	-819 Dec 16 j 03:33	17°♐29'41	2°58'37
min. Earth dist.	-819 Dec 17 j 13:06	15°♐41'43	0.66113 AU
morning rise	-819 Dec 21 j 15:16	11°♐07'34	
direct	-819 Dec 27 j 21:39	8°♐22'39	
morning max el	-818 Jan 09 j 10:42	15°♐47'19	26°06'16
desc. node	-818 Jan 15 j 09:10	22°♐26'01	
	-818 Jan 21 j 05:12	0°♑	
	-818 Feb 09 j 10:31	0°♒	
morning set	-818 Feb 14 j 14:39	9°♒19'29	
max. Earth dist.	-818 Feb 18 j 14:54	16°♒56'22	1.35428 AU
superior conj	-818 Feb 23 j 16:46	27°♒02'16	-1°-19'-10
minimum elong	-818 Feb 23 j 20:14	27°♒19'52	1°18'39
	-818 Feb 25 j 03:36	0°♓	
evening rise	-818 Mar 03 j 13:17	13°♓12'54	
asc. node	-818 Mar 04 j 03:12	14°♓24'01	
	-818 Mar 12 j 08:22	0°♈	
evening max el	-818 Mar 21 j 22:04	12°♈52'51	20°24'50
retrograde	-818 Apr 01 j 17:12	18°♈03'26	
evening set	-818 Apr 03 j 21:12	17°♈51'48	
inferior conj	-818 Apr 12 j 22:39	13°♈54'14	0°06'51
minimum elong	-818 Apr 12 j 22:58	13°♈53'46	0°06'45
transit middle	-818 Apr 12 j 22:58	13°♈53'46	0°06'45
transit begin	-818 Apr 12 j 19:18	13°♈59'08	
transit end	-818 Apr 13 j 02:37	13°♈48'25	
desc. node	-818 Apr 13 j 08:17	13°♈40'07	
min. Earth dist.	-818 Apr 14 j 11:15	13°♈00'44	0.55256 AU
morning rise	-818 Apr 21 j 22:36	9°♈37'00	
direct	-818 Apr 25 j 14:39	9°♈07'42	
morning max el	-818 May 09 j 02:04	15°♈43'21	23°24'03
	-818 May 20 j 07:58	0°♉	
asc. node	-818 May 31 j 02:27	19°♉49'02	
morning set	-818 Jun 01 j 11:22	22°♉40'08	
	-818 Jun 04 j 22:03	0°♊	
superior conj	-818 Jun 08 j 14:38	7°♊56'27	1°18'59
minimum elong	-818 Jun 08 j 12:06	7°♊42'53	1°18'38
max. Earth dist.	-818 Jun 10 j 22:43	12°♊54'56	1.33675 AU
evening rise	-818 Jun 16 j 05:21	23°♊45'49	
	-818 Jun 19 j 10:08	0°♋	
	-818 Jul 07 j 13:38	0°♌	
desc. node	-818 Jul 10 j 07:35	3°♌44'17	
evening max el	-818 Jul 20 j 03:34	15°♌02'19	27°22'08
retrograde	-818 Aug 02 j 16:45	22°♌22'42	
evening set	-818 Aug 09 j 19:27	19°♌39'50	
min. Earth dist.	-818 Aug 13 j 12:08	16°♌16'47	0.64186 AU
inferior conj	-818 Aug 15 j 21:51	13°♌43'31	-3°-22'00
minimum elong	-818 Aug 16 j 02:20	13°♌31'34	3°20'44
morning rise	-818 Aug 22 j 11:05	8°♌17'45	
direct	-818 Aug 25 j 01:07	7°♌43'43	
asc. node	-818 Aug 27 j 01:39	8°♌04'42	
morning max el	-818 Aug 31 j 13:38	11°♌10'42	17°59'01
	-818 Sep 13 j 09:15	0°♍	
morning set	-818 Sep 17 j 19:14	7°♍31'47	
superior conj	-818 Sep 30 j 21:00	29°♍22'06	0°35'07
minimum elong	-818 Oct 01 j 00:47	29°♍37'31	0°34'36
	-818 Oct 01 j 06:20	0°♎	
max. Earth dist.	-818 Oct 06 j 00:43	7°♎39'15	1.44357 AU
desc. node	-818 Oct 06 j 06:58	8°♎04'07	
evening rise	-818 Oct 17 j 04:25	25°♎05'52	
	-818 Oct 20 j 09:00	0°♏	
greatest brilliancy	-818 Nov 06 j 20:43	25°♏48'56	-0.6m
	-818 Nov 10 j 02:06	0°♐	
evening max el	-818 Nov 13 j 07:50	3°♐41'19	20°18'49
retrograde	-818 Nov 21 j 04:48	8°♐19'15	
asc. node	-818 Nov 23 j 00:53	7°♐59'57	
evening set	-818 Nov 24 j 21:16	7°♐00'28	
inferior conj	-818 Nov 30 j 09:01	0°♐52'48	2°19'55
minimum elong	-818 Nov 30 j 06:21	1°♐01'47	2°19'01
min. Earth dist.	-818 Dec 01 j 02:45	29°♏53'02	0.66960 AU
	-818 Dec 01 j 00:41	30°℞♏	
morning rise	-818 Dec 05 j 14:54	24°♏37'33	
direct	-818 Dec 11 j 06:50	22°♏08'34	
morning max el	-818 Dec 22 j 19:07	29°♏00'00	24°47'05
	-818 Dec 23 j 18:25	0°♐	
desc. node	-817 Jan 02 j 06:14	11°♐29'14	
	-817 Jan 15 j 00:43	0°♑	
morning set	-817 Jan 27 j 20:53	21°♑18'03	
max. Earth dist.	-817 Jan 31 j 13:55	27°♑59'14	1.37257 AU
	-817 Feb 01 j 16:05	0°♒	
superior conj	-817 Feb 07 j 03:19	10°♒24'47	-1°-40'-26
minimum elong	-817 Feb 07 j 06:59	10°♒42'42	1°40'04
evening rise	-817 Feb 15 j 15:15	27°♒19'34	
	-817 Feb 16 j 23:32	0°♓	
asc. node	-817 Feb 19 j 00:14	3°♓58'02	
evening max el	-817 Mar 04 j 14:02	24°♓42'38	19°20'57
retrograde	-817 Mar 13 j 16:42	29°♓04'44	
evening set	-817 Mar 15 j 21:44	28°♓50'27	
inferior conj	-817 Mar 24 j 06:27	24°♓42'19	1°52'41
minimum elong	-817 Mar 24 j 10:31	24°♓35'34	1°51'26
min. Earth dist.	-817 Mar 27 j 02:05	22°♓51'19	0.56355 AU
desc. node	-817 Mar 31 j 05:19	20°♓32'38	
morning rise	-817 Apr 01 j 19:29	19°♓53'51	
direct	-817 Apr 06 j 13:24	19°♓02'20	
morning max el	-817 Apr 20 j 16:48	26°♓14'23	25°03'16
	-817 Apr 24 j 06:26	0°♈	
	-817 May 13 j 05:35	0°♉	
morning set	-817 May 16 j 23:24	7°♉39'55	
asc. node	-817 May 17 j 23:30	9°♉47'27	
superior conj	-817 May 24 j 00:23	22°♉52'17	0°59'51
minimum elong	-817 May 23 j 22:07	22°♉39'57	0°59'27
max. Earth dist.	-817 May 25 j 06:08	25°♉33'59	1.32891 AU
	-817 May 27 j 07:31	0°♊	
evening rise	-817 May 31 j 05:52	8°♊14'24	
	-817 Jun 11 j 20:33	0°♋	
desc. node	-817 Jun 27 j 04:35	22°♋09'42	
evening max el	-817 Jul 02 j 12:23	27°♋51'41	27°20'41
	-817 Jul 04 j 21:55	0°♌	
retrograde	-817 Jul 16 j 07:42	5°♌10'16	
evening set	-817 Jul 23 j 11:54	2°♌41'58	
	-817 Jul 26 j 20:32	30°℞♋	
min. Earth dist.	-817 Jul 27 j 01:52	29°♋47'53	0.62463 AU
inferior conj	-817 Jul 30 j 00:18	27°♋01'12	-4°-4'-38

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-817 Jul 30 j 04:37	26°♋50'56	4°03'46
morning rise	-817 Aug 05 j 23:47	21°♋54'55	
direct	-817 Aug 08 j 11:08	21°♋27'23	
asc. node	-817 Aug 13 j 22:42	23°♋45'09	
morning max el	-817 Aug 15 j 04:46	24°♋52'58	17°54'15
	-817 Aug 19 j 09:52	0°♌	
morning set	-817 Aug 31 j 08:35	20°♌07'02	
	-817 Sep 05 j 21:51	0°♍	
superior conj	-817 Sep 11 j 13:40	9°♍47'55	1°11'42
minimum elong	-817 Sep 11 j 18:48	10°♍09'44	1°11'07
max. Earth dist.	-817 Sep 18 j 15:04	21°♍32'25	1.43112 AU
desc. node	-817 Sep 23 j 03:57	28°♍49'43	
	-817 Sep 23 j 21:43	0°♎	
evening rise	-817 Sep 26 j 11:26	4°♎02'13	
	-817 Oct 13 j 19:57	0°♏	
greatest brilliancy	-817 Oct 22 j 05:19	11°♏21'37	-0.4m
evening max el	-817 Oct 27 j 05:57	17°♏09'08	21°28'25
retrograde	-817 Nov 05 j 01:43	22°♏23'44	
evening set	-817 Nov 09 j 05:01	20°♏48'26	
asc. node	-817 Nov 09 j 21:56	20°♏12'54	
inferior conj	-817 Nov 14 j 14:44	14°♏31'42	1°34'01
minimum elong	-817 Nov 14 j 12:44	14°♏38'36	1°33'14
min. Earth dist.	-817 Nov 14 j 20:57	14°♏10'17	0.67451 AU
morning rise	-817 Nov 19 j 20:09	8°♏16'12	
direct	-817 Nov 24 j 20:38	6°♏08'28	
morning max el	-817 Dec 05 j 04:11	12°♏16'45	23°20'00
greatest brilliancy	-817 Dec 10 j 11:29	18°♏14'55	-0.2m
	-817 Dec 19 j 08:22	0°♐	
desc. node	-817 Dec 20 j 03:15	1°♐06'43	
	-816 Jan 07 j 21:26	0°♑	
morning set	-816 Jan 09 j 02:03	1°♑59'27	
max. Earth dist.	-816 Jan 13 j 09:21	9°♑20'59	1.39342 AU
superior conj	-816 Jan 20 j 23:34	23°♑00'56	-1°-55'-28
minimum elong	-816 Jan 21 j 02:09	23°♑12'53	1°55'22
	-816 Jan 24 j 16:37	0°♒	
evening rise	-816 Jan 30 j 09:05	10°♒56'29	
asc. node	-816 Feb 05 j 21:16	23°♒08'42	
	-816 Feb 10 j 00:17	0°♓	
evening max el	-816 Feb 15 j 15:24	7°♓06'08	18°36'48
retrograde	-816 Feb 23 j 10:26	10°♓54'12	
evening set	-816 Feb 25 j 19:38	10°♓34'07	
inferior conj	-816 Mar 04 j 10:11	6°♓06'56	3°05'16
minimum elong	-816 Mar 04 j 14:17	5°♓59'00	3°04'24
min. Earth dist.	-816 Mar 07 j 19:27	3°♓31'33	0.58104 AU
morning rise	-816 Mar 12 j 05:00	0°♓48'02	
	-816 Mar 14 j 04:36	30°♑℞♒	
desc. node	-816 Mar 17 j 02:23	29°♒24'31	
direct	-816 Mar 18 j 01:23	29°♒22'12	
	-816 Mar 21 j 23:33	0°♓	
morning max el	-816 Apr 01 j 09:29	6°♓56'06	26°28'17
	-816 Apr 18 j 12:50	0°♈	
morning set	-816 Apr 30 j 10:26	22°♈35'59	
asc. node	-816 May 03 j 20:34	29°♈54'25	
	-816 May 03 j 21:35	0°♉	
superior conj	-816 May 07 j 11:54	7°♉51'48	0°37'38
minimum elong	-816 May 07 j 10:19	7°♉43'07	0°37'19
max. Earth dist.	-816 May 07 j 18:10	8°♉26'07	1.32466 AU
evening rise	-816 May 14 j 12:17	22°♉59'24	
	-816 May 17 j 22:52	0°♊	
	-816 Jun 04 j 23:11	0°♋	
desc. node	-816 Jun 13 j 01:36	9°♋26'18	
evening max el	-816 Jun 13 j 15:53	10°♋00'52	26°46'19
retrograde	-816 Jun 27 j 15:19	17°♋17'16	
evening set	-816 Jul 04 j 10:26	15°♋17'06	
min. Earth dist.	-816 Jul 08 j 05:23	12°♋38'30	0.60475 AU
inferior conj	-816 Jul 11 j 12:42	9°♋54'13	-4°-33'-15
minimum elong	-816 Jul 11 j 15:13	9°♋48'58	4°33'02
morning rise	-816 Jul 18 j 23:09	5°♋10'15	
direct	-816 Jul 21 j 09:58	4°♋47'12	
morning max el	-816 Jul 28 j 16:58	8°♋20'56	18°08'38
asc. node	-816 Jul 30 j 19:47	10°♋38'37	
	-816 Aug 11 j 17:18	0°♌	
morning set	-816 Aug 13 j 14:11	3°♌29'35	
superior conj	-816 Aug 23 j 08:57	21°♌33'10	1°34'52
minimum elong	-816 Aug 23 j 12:35	21°♌49'26	1°34'35
	-816 Aug 28 j 04:13	0°♍	
max. Earth dist.	-816 Aug 30 j 23:50	4°♍48'15	1.41381 AU
evening rise	-816 Sep 05 j 08:32	13°♍39'12	
desc. node	-816 Sep 09 j 00:57	19°♍31'42	
	-816 Sep 15 j 20:33	0°♎	
greatest brilliancy	-816 Oct 03 j 23:33	25°♎04'27	-0.3m
	-816 Oct 08 j 07:47	0°♏	
evening max el	-816 Oct 08 j 22:30	0°♏37'42	22°46'09
retrograde	-816 Oct 18 j 20:32	6°♏31'15	
evening set	-816 Oct 23 j 12:34	4°♏37'54	
asc. node	-816 Oct 26 j 18:59	1°♏06'59	
	-816 Oct 27 j 15:19	30°℞♎	
inferior conj	-816 Oct 28 j 21:44	28°♎15'49	0°43'29
minimum elong	-816 Oct 28 j 20:44	28°♎19'16	0°43'03
min. Earth dist.	-816 Oct 28 j 17:22	28°♎30'53	0.67615 AU
morning rise	-816 Nov 03 j 04:52	22°♎02'27	
direct	-816 Nov 07 j 14:24	20°♎17'18	
morning max el	-816 Nov 16 j 17:11	25°♎39'59	21°54'11
	-816 Nov 20 j 14:37	0°♏	
greatest brilliancy	-816 Nov 21 j 12:30	1°♏06'32	-0.4m
desc. node	-816 Dec 06 j 00:17	21°♏09'00	
	-816 Dec 11 j 21:13	0°♐	
morning set	-816 Dec 19 j 02:06	11°♐16'46	
max. Earth dist.	-816 Dec 25 j 08:13	21°♐29'20	1.41411 AU
	-816 Dec 30 j 08:37	0°♑	
superior conj	-815 Jan 02 j 00:27	4°♑38'17	-2°00'-32
minimum elong	-815 Jan 02 j 00:00	4°♑36'19	2°00'34
evening rise	-815 Jan 12 j 15:31	23°♑56'10	
	-815 Jan 15 j 22:30	0°♒	
asc. node	-815 Jan 22 j 18:19	11°♒48'38	
evening max el	-815 Jan 28 j 23:26	19°♒56'17	18°12'48
retrograde	-815 Feb 04 j 22:18	23°♒26'08	
evening set	-815 Feb 07 j 11:40	22°♒58'31	
inferior conj	-815 Feb 14 j 10:31	18°♒09'59	3°43'02
minimum elong	-815 Feb 14 j 12:32	18°♒05'27	3°42'50
min. Earth dist.	-815 Feb 17 j 18:18	15°♒12'27	0.60160 AU
morning rise	-815 Feb 21 j 10:14	12°♒29'01	
direct	-815 Feb 28 j 01:42	10°♒25'13	
desc. node	-815 Mar 03 j 23:28	11°♒05'28	
morning max el	-815 Mar 14 j 07:54	18°♒11'09	27°25'11
	-815 Mar 24 j 05:46	0°♓	
	-815 Apr 11 j 03:08	0°♈	
morning set	-815 Apr 14 j 18:41	7°♈22'02	
asc. node	-815 Apr 20 j 17:37	20°♈05'34	
superior conj	-815 Apr 21 j 23:31	22°♈49'09	0°13'10
minimum elong	-815 Apr 21 j 22:55	22°♈45'54	0°13'02
behind sun begin	-815 Apr 21 j 20:04	22°♈30'12	
behind sun end	-815 Apr 22 j 01:47	23°♈01'37	
max. Earth dist.	-815 Apr 21 j 06:57	21°♈18'27	1.32398 AU
	-815 Apr 25 j 06:15	0°♉	
evening rise	-815 Apr 28 j 22:19	7°♉52'59	
	-815 May 10 j 12:03	0°♊	
evening max el	-815 May 26 j 12:35	21°♊24'55	25°41'11

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-815 May 30 j 22:39	25°♊05'31	
retrograde	-815 Jun 09 j 14:04	28°♊37'20	
evening set	-815 Jun 15 j 10:59	27°♊15'12	
min. Earth dist.	-815 Jun 20 j 00:52	24°♊33'48	0.58420 AU
inferior conj	-815 Jun 23 j 07:25	22°♊12'39	-4°-38'-22
minimum elong	-815 Jun 23 j 06:11	22°♊14'53	4°38'20
morning rise	-815 Jul 01 j 05:14	17°♊51'26	
direct	-815 Jul 03 j 17:09	17°♊31'31	
morning max el	-815 Jul 11 j 23:10	21°♊25'18	18°43'11
asc. node	-815 Jul 17 j 16:51	28°♊29'29	
	-815 Jul 18 j 16:27	0°♋	
morning set	-815 Jul 28 j 07:26	17°♋26'48	
	-815 Aug 03 j 18:25	0°♌	
superior conj	-815 Aug 06 j 01:30	4°♌22'11	1°45'54
minimum elong	-815 Aug 06 j 02:51	4°♌28'35	1°45'52
max. Earth dist.	-815 Aug 13 j 03:22	17°♌18'38	1.39403 AU
evening rise	-815 Aug 17 j 05:46	24°♌24'35	
	-815 Aug 20 j 14:06	0°♍	
desc. node	-815 Aug 26 j 21:59	10°♍05'51	
	-815 Sep 09 j 15:25	0°♎	
evening max el	-815 Sep 21 j 11:15	14°♎08'56	24°06'26
retrograde	-815 Oct 02 j 11:58	20°♎37'56	
evening set	-815 Oct 07 j 18:11	18°♎26'20	
min. Earth dist.	-815 Oct 12 j 13:36	12°♎52'27	0.67468 AU
inferior conj	-815 Oct 13 j 04:15	12°♎02'53	0°-10'-11
minimum elong	-815 Oct 13 j 04:29	12°♎02'04	0°10'05
transit middle	-815 Oct 13 j 04:29	12°♎02'04	0°10'05
transit begin	-815 Oct 13 j 02:21	12°♎09'18	
transit end	-815 Oct 13 j 06:38	11°♎54'49	
asc. node	-815 Oct 13 j 16:03	11°♎23'02	
morning rise	-815 Oct 18 j 15:02	5°♎54'18	
direct	-815 Oct 22 j 11:07	4°♎30'27	
morning max el	-815 Oct 30 j 12:48	9°♎11'51	20°36'40
greatest brilliancy	-815 Nov 05 j 16:25	16°♎29'36	-0.5m
	-815 Nov 15 j 05:58	0°♏	
desc. node	-815 Nov 22 j 21:19	11°♏28'37	
morning set	-815 Nov 28 j 02:57	19°♏32'01	
	-815 Dec 04 j 18:38	0°♐	
max. Earth dist.	-815 Dec 07 j 14:04	4°♐30'28	1.43183 AU
superior conj	-815 Dec 14 j 00:32	15°♐04'20	-1°-51'-12
minimum elong	-815 Dec 13 j 19:30	14°♐43'20	1°50'56
	-815 Dec 22 j 18:11	0°♑	
evening rise	-815 Dec 26 j 06:25	6°♑09'43	
asc. node	-814 Jan 09 j 15:21	29°♑48'08	
	-814 Jan 09 j 19:01	0°♒	
evening max el	-814 Jan 12 j 11:08	3°♒04'37	18°08'30
retrograde	-814 Jan 19 j 00:23	6°♒30'23	
evening set	-814 Jan 21 j 17:48	5°♒54'05	
inferior conj	-814 Jan 28 j 04:16	0°♒44'23	3°53'02
minimum elong	-814 Jan 28 j 03:59	0°♒45'05	3°53'01
	-814 Jan 28 j 21:32	30°℞♑	
min. Earth dist.	-814 Jan 31 j 01:07	27°♑49'15	0.62200 AU
morning rise	-814 Feb 03 j 11:57	24°♑49'29	
direct	-814 Feb 10 j 11:50	22°♑15'43	
desc. node	-814 Feb 18 j 20:31	25°♑20'04	
	-814 Feb 24 j 09:33	0°♒	
morning max el	-814 Feb 24 j 12:12	0°♒06'32	27°46'24
	-814 Mar 18 j 05:30	0°♓	
morning set	-814 Mar 29 j 22:07	21°♓51'02	
	-814 Apr 02 j 20:12	0°♈	
max. Earth dist.	-814 Apr 04 j 16:44	3°♈58'02	1.32700 AU
superior conj	-814 Apr 06 j 09:33	7°♈38'37	0°-12'-48
minimum elong	-814 Apr 06 j 10:09	7°♈41'52	0°12'41
behind sun begin	-814 Apr 06 j 07:02	7°♈24'58	
behind sun end	-814 Apr 06 j 13:16	7°♈58'46	
asc. node	-814 Apr 07 j 14:41	10°♈16'55	
evening rise	-814 Apr 13 j 10:01	22°♈48'30	
	-814 Apr 16 j 21:41	0°♉	
	-814 May 05 j 23:58	0°♊	
evening max el	-814 May 08 j 04:18	2°♊13'59	24°14'12
desc. node	-814 May 17 j 19:43	8°♊32'07	
retrograde	-814 May 22 j 01:23	9°♊13'07	
evening set	-814 May 26 j 13:33	8°♊27'49	
min. Earth dist.	-814 Jun 01 j 15:44	5°♊27'39	0.56612 AU
inferior conj	-814 Jun 04 j 06:10	3°♊49'37	-4°-7'-47
minimum elong	-814 Jun 04 j 00:36	3°♊58'25	4°06'51
	-814 Jun 11 j 19:27	30°℞♉	
morning rise	-814 Jun 12 j 15:28	29°♉47'00	
direct	-814 Jun 15 j 05:38	29°♉29'04	
	-814 Jun 18 j 12:51	0°♊	
morning max el	-814 Jun 24 j 20:30	3°♊56'47	19°38'31
asc. node	-814 Jul 04 j 13:54	17°♊04'47	
	-814 Jul 11 j 10:50	0°♋	
morning set	-814 Jul 12 j 08:50	1°♋49'59	
superior conj	-814 Jul 20 j 09:43	17°♋59'21	1°47'05
minimum elong	-814 Jul 20 j 09:08	17°♋56'28	1°47'06
max. Earth dist.	-814 Jul 26 j 06:33	29°♋16'35	1.37440 AU
	-814 Jul 26 j 15:52	0°♌	
evening rise	-814 Jul 30 j 03:31	6°♌21'12	
	-814 Aug 13 j 11:44	0°♍	
desc. node	-814 Aug 13 j 19:01	0°♍27'32	
evening max el	-814 Sep 03 j 22:45	27°♍44'29	25°22'09
	-814 Sep 06 j 09:38	0°♎	
retrograde	-814 Sep 15 j 23:02	4°♎40'06	
evening set	-814 Sep 21 j 20:08	2°♎11'49	
	-814 Sep 24 j 00:47	30°℞♍	
min. Earth dist.	-814 Sep 26 j 07:08	27°♍13'32	0.67005 AU
inferior conj	-814 Sep 27 j 08:32	25°♍51'09	-1°-5'-27
minimum elong	-814 Sep 27 j 10:09	25°♍45'52	1°04'47
asc. node	-814 Sep 30 j 13:06	21°♍59'16	
morning rise	-814 Oct 03 j 00:45	19°♍50'22	
direct	-814 Oct 06 j 09:27	18°♍44'55	
morning max el	-814 Oct 13 j 16:00	22°♍53'31	19°32'02
	-814 Oct 19 j 12:42	0°♎	
greatest brilliancy	-814 Oct 22 j 11:08	4°♎07'09	-0.7m
morning set	-814 Nov 07 j 02:00	27°♎50'45	
	-814 Nov 08 j 11:17	0°♏	
desc. node	-814 Nov 09 j 18:20	2°♏00'42	
max. Earth dist.	-814 Nov 20 j 03:16	18°♏16'58	1.44424 AU
superior conj	-814 Nov 23 j 21:46	24°♏17'19	-1°-23'-59
minimum elong	-814 Nov 23 j 13:43	23°♏45'06	1°23'12
	-814 Nov 27 j 10:54	0°♐	
evening rise	-814 Dec 08 j 01:26	17°♐29'38	
	-814 Dec 15 j 12:53	0°♑	
evening max el	-814 Dec 26 j 23:39	16°♑23'54	18°23'02
asc. node	-814 Dec 27 j 12:24	16°♑55'17	
retrograde	-813 Jan 02 j 12:20	19°♑57'42	
evening set	-813 Jan 05 j 10:19	19°♑11'34	
inferior conj	-813 Jan 11 j 11:25	13°♑42'04	3°42'51
minimum elong	-813 Jan 11 j 09:31	13°♑47'30	3°42'37
min. Earth dist.	-813 Jan 13 j 17:21	11°♑08'50	0.64005 AU
morning rise	-813 Jan 17 j 07:16	7°♑38'05	
direct	-813 Jan 24 j 05:34	4°♑48'58	
desc. node	-813 Feb 05 j 17:34	11°♑32'12	
morning max el	-813 Feb 06 j 20:24	12°♑37'19	27°31'15
	-813 Feb 20 j 19:12	0°♒	
	-813 Mar 10 j 17:07	0°♓	
morning set	-813 Mar 13 j 18:02	5°♓53'09	
max. Earth dist.	-813 Mar 18 j 19:31	16°♓10'53	1.33411 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-813 Mar 21 j 16:05	22°♓12'46	0°-39'-18
minimum elong	-813 Mar 21 j 17:57	22°♓22'41	0°38'56
asc. node	-813 Mar 25 j 11:43	0°♈23'32	
	-813 Mar 25 j 07:19	0°♈	
evening rise	-813 Mar 28 j 21:28	7°♈38'16	
	-813 Apr 09 j 19:30	0°♉	
evening max el	-813 Apr 19 j 20:12	12°♉50'19	22°39'07
retrograde	-813 May 02 j 23:31	19°♉19'07	
desc. node	-813 May 04 j 16:45	19°♉12'34	
evening set	-813 May 06 j 03:24	18°♉57'14	
min. Earth dist.	-813 May 14 j 04:42	15°♉26'31	0.55393 AU
inferior conj	-813 May 15 j 10:26	14°♉44'05	-2°-52'-54
minimum elong	-813 May 15 j 03:36	14°♉53'51	2°50'55
morning rise	-813 May 24 j 06:16	10°♉49'55	
direct	-813 May 27 j 00:50	10°♉32'04	
morning max el	-813 Jun 07 j 06:53	15°♉46'21	20°54'11
	-813 Jun 17 j 23:50	0°♊	
asc. node	-813 Jun 21 j 10:57	6°♊13'06	
morning set	-813 Jun 26 j 15:42	16°♊31'01	
	-813 Jul 03 j 03:38	0°♋	
superior conj	-813 Jul 04 j 04:59	2°♋10'33	1°40'38
minimum elong	-813 Jul 04 j 03:08	2°♋00'59	1°40'31
max. Earth dist.	-813 Jul 08 j 15:21	11°♋06'18	1.35700 AU
evening rise	-813 Jul 12 j 21:18	19°♋16'43	
	-813 Jul 18 j 19:46	0°♌	
desc. node	-813 Jul 31 j 16:03	20°♌30'03	
	-813 Aug 07 j 13:24	0°♍	
evening max el	-813 Aug 17 j 10:26	11°♍20'00	26°25'34
retrograde	-813 Aug 30 j 05:05	18°♍31'52	
evening set	-813 Sep 05 j 16:23	15°♍51'08	
min. Earth dist.	-813 Sep 09 j 19:31	11°♍30'31	0.66198 AU
inferior conj	-813 Sep 11 j 08:40	9°♍37'12	-2°00'-39
minimum elong	-813 Sep 11 j 11:40	9°♍28'04	1°59'31
morning rise	-813 Sep 17 j 07:58	3°♍47'34	
asc. node	-813 Sep 17 j 10:08	3°♍44'34	
direct	-813 Sep 20 j 07:33	2°♍57'04	
morning max el	-813 Sep 27 j 01:44	6°♍42'23	18°42'46
	-813 Oct 13 j 08:16	0°♎	
morning set	-813 Oct 17 j 21:47	7°♎16'01	
desc. node	-813 Oct 27 j 15:22	22°♎41'17	
	-813 Nov 01 j 06:49	0°♏	
superior conj	-813 Nov 03 j 00:12	2°♏42'45	0°-40'-41
minimum elong	-813 Nov 02 j 18:56	2°♏22'02	0°40'02
max. Earth dist.	-813 Nov 02 j 21:15	2°♏31'09	1.44976 AU
evening rise	-813 Nov 18 j 21:10	27°♏51'19	
	-813 Nov 20 j 05:19	0°♐	
evening max el	-813 Dec 10 j 10:26	29°♐49'12	18°55'22
	-813 Dec 10 j 14:41	0°♑	
asc. node	-813 Dec 14 j 09:25	2°♑56'20	
retrograde	-813 Dec 17 j 06:25	3°♑41'28	
evening set	-813 Dec 20 j 10:08	2°♑44'08	
	-813 Dec 23 j 14:29	30°℞♐	
inferior conj	-813 Dec 26 j 04:26	26°♐57'12	3°18'21
minimum elong	-813 Dec 26 j 01:43	27°♐05'38	3°17'45
min. Earth dist.	-813 Dec 27 j 19:09	24°♐57'15	0.65454 AU
morning rise	-813 Dec 31 j 16:20	20°♐46'58	
direct	-812 Jan 07 j 05:47	17°♐57'16	
morning max el	-812 Jan 20 j 06:05	25°♐33'46	26°44'29
desc. node	-812 Jan 23 j 14:35	29°♐09'14	
	-812 Jan 24 j 08:17	0°♑	
	-812 Feb 14 j 07:11	0°♒	
morning set	-812 Feb 25 j 03:07	19°♒18'13	
max. Earth dist.	-812 Feb 29 j 11:57	27°♒49'58	1.34565 AU
	-812 Mar 01 j 13:50	0°♓	

superior conj	-812 Mar 04 j 17:03	6°♓25'08	-1°-5'-11
minimum elong	-812 Mar 04 j 20:02	6°♓40'38	1°04'40
asc. node	-812 Mar 11 j 08:45	20°♓21'17	
evening rise	-812 Mar 12 j 06:52	22°♓16'17	
	-812 Mar 16 j 02:29	0°♈	
evening max el	-812 Mar 31 j 18:51	23°♈42'25	21°09'43
retrograde	-812 Apr 12 j 13:16	29°♈24'08	
evening set	-812 Apr 14 j 21:32	29°♈11'23	
desc. node	-812 Apr 20 j 13:46	27°♈10'27	
inferior conj	-812 Apr 24 j 04:59	25°♈12'31	-1°-2'00
minimum elong	-812 Apr 24 j 02:03	25°♈16'39	1°00'59
min. Earth dist.	-812 Apr 24 j 17:41	24°♈54'36	0.55031 AU
morning rise	-812 May 03 j 06:19	21°♈09'24	
direct	-812 May 06 j 11:23	20°♈47'05	
morning max el	-812 May 19 j 06:38	26°♈53'56	22°26'36
	-812 May 22 j 06:34	0°♉	
asc. node	-812 Jun 07 j 08:00	25°♉46'05	
	-812 Jun 09 j 09:48	0°♊	
morning set	-812 Jun 10 j 01:58	1°♊23'53	
superior conj	-812 Jun 17 j 07:53	16°♊45'41	1°28'16
minimum elong	-812 Jun 17 j 05:25	16°♊32'40	1°27'59
max. Earth dist.	-812 Jun 20 j 09:16	23°♊09'37	1.34303 AU
	-812 Jun 23 j 18:08	0°♋	
evening rise	-812 Jun 25 j 06:11	2°♋57'44	
	-812 Jul 10 j 16:15	0°♌	
desc. node	-812 Jul 17 j 13:04	10°♌04'55	
evening max el	-812 Jul 29 j 22:10	24°♌46'33	27°08'53
	-812 Aug 05 j 13:29	0°♍	
retrograde	-812 Aug 12 j 05:46	2°♍05'52	
	-812 Aug 18 j 07:17	30°℞♌	
evening set	-812 Aug 19 j 04:27	29°♌20'19	
min. Earth dist.	-812 Aug 23 j 00:21	25°♌37'29	0.65029 AU
inferior conj	-812 Aug 25 j 02:30	23°♌16'43	-2°-53'-40
minimum elong	-812 Aug 25 j 06:37	23°♌05'09	2°52'19
morning rise	-812 Aug 31 j 10:19	17°♌41'33	
direct	-812 Sep 03 j 03:08	17°♌02'29	
asc. node	-812 Sep 03 j 07:11	17°♌02'38	
morning max el	-812 Sep 09 j 15:45	20°♌33'35	18°10'01
	-812 Sep 16 j 20:00	0°♍	
morning set	-812 Sep 27 j 21:55	18°♍04'24	
	-812 Oct 05 j 03:42	0°♎	
superior conj	-812 Oct 12 j 04:07	11°♎18'04	0°08'48
minimum elong	-812 Oct 12 j 05:13	11°♎22'26	0°08'40
behind sun begin	-812 Oct 11 j 19:57	10°♎45'28	
behind sun end	-812 Oct 12 j 14:30	11°♎59'21	
desc. node	-812 Oct 13 j 12:23	13°♎26'19	
max. Earth dist.	-812 Oct 15 j 16:06	16°♎51'00	1.44785 AU
	-812 Oct 24 j 01:29	0°♏	
evening rise	-812 Oct 28 j 17:56	7°♏17'04	
	-812 Nov 12 j 14:25	0°♐	
greatest brilliancy	-812 Nov 14 j 21:23	3°♐19'31	-0.6m
evening max el	-812 Nov 22 j 17:17	13°♐16'15	19°44'08
retrograde	-812 Nov 30 j 03:28	17°♐35'50	
asc. node	-812 Nov 30 j 06:27	17°♐35'45	
evening set	-812 Dec 03 j 14:40	16°♐25'29	
inferior conj	-812 Dec 09 j 04:16	10°♐24'13	2°43'31
minimum elong	-812 Dec 09 j 01:25	10°♐33'36	2°42'41
min. Earth dist.	-812 Dec 10 j 05:09	9°♐02'15	0.66516 AU
morning rise	-812 Dec 14 j 11:30	4°♐09'59	
direct	-812 Dec 20 j 11:49	1°♐31'14	
morning max el	-811 Jan 01 j 15:16	8°♐43'31	25°34'13
desc. node	-811 Jan 09 j 11:37	17°♐45'56	
	-811 Jan 18 j 09:33	0°♑	
	-811 Feb 05 j 19:52	0°♒	
morning set	-811 Feb 06 j 20:46	1°♒52'36	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

max. Earth dist.	-811 Feb 10 j 16:38	8°♒59'21	1.36164 AU
	-811 Feb 16 j 09:45	20°♒07'42	-1°-28'-46
superior conj			
minimum elong	-811 Feb 16 j 13:25	20°♒26'03	1°28'18
	-811 Feb 21 j 06:38	0°♓	
evening rise	-811 Feb 24 j 12:12	6°♓35'44	
asc. node	-811 Feb 26 j 05:47	10°♓05'07	
	-811 Mar 09 j 17:38	0°♈	
evening max el	-811 Mar 14 j 04:18	5°♈09'00	19°55'14
retrograde	-811 Mar 24 j 05:54	9°♈58'13	
evening set	-811 Mar 26 j 09:19	9°♈46'05	
inferior conj	-811 Apr 04 j 04:12	5°♈45'17	0°55'04
minimum elong	-811 Apr 04 j 06:33	5°♈41'41	0°54'15
min. Earth dist.	-811 Apr 06 j 07:49	4°♈26'27	0.55619 AU
desc. node	-811 Apr 07 j 10:47	3°♈46'46	
morning rise	-811 Apr 13 j 00:45	1°♈15'15	
direct	-811 Apr 17 j 02:46	0°♈38'27	
morning max el	-811 Apr 30 j 23:12	7°♈31'50	24°07'11
	-811 May 17 j 05:11	0°♉	
asc. node	-811 May 25 j 05:05	15°♉36'55	
morning set	-811 May 25 j 13:50	16°♉22'51	
	-811 May 31 j 21:57	0°♊	
superior conj	-811 Jun 01 j 15:46	1°♊36'18	1°11'18
minimum elong	-811 Jun 01 j 13:17	1°♊22'57	1°10'55
max. Earth dist.	-811 Jun 03 j 12:16	5°♊35'35	1.33287 AU
evening rise	-811 Jun 09 j 01:58	17°♊12'09	
	-811 Jun 15 j 17:33	0°♋	
desc. node	-811 Jul 04 j 10:04	29°♋00'39	
	-811 Jul 05 j 05:01	0°♌	
evening max el	-811 Jul 12 j 08:33	7°♌53'08	27°25'24
retrograde	-811 Jul 26 j 00:47	15°♌13'48	
evening set	-811 Aug 02 j 05:16	12°♌35'03	
min. Earth dist.	-811 Aug 05 j 19:59	9°♌25'50	0.63490 AU
inferior conj	-811 Aug 08 j 11:28	6°♌44'55	-3°-41'-23
minimum elong	-811 Aug 08 j 16:03	6°♌33'17	3°40'13
morning rise	-811 Aug 15 j 05:01	1°♌27'22	
direct	-811 Aug 17 j 17:32	0°♌56'32	
asc. node	-811 Aug 21 j 04:15	1°♌54'49	
morning max el	-811 Aug 24 j 07:24	4°♌21'54	17°54'45
morning set	-811 Sep 09 j 23:27	0°♍05'59	
	-811 Sep 09 j 22:05	0°♍	
superior conj	-811 Sep 22 j 05:08	20°♍58'05	0°52'13
minimum elong	-811 Sep 22 j 10:00	21°♍18'09	0°51'36
	-811 Sep 27 j 18:05	0°♎	
max. Earth dist.	-811 Sep 28 j 08:24	0°♎57'27	1.43895 AU
desc. node	-811 Sep 30 j 09:25	4°♎13'01	
evening rise	-811 Oct 08 j 01:01	16°♎11'26	
	-811 Oct 17 j 02:48	0°♏	
greatest brilliancy	-811 Oct 31 j 01:01	19°♏55'25	-0.5m
evening max el	-811 Nov 05 j 18:45	26°♏43'58	20°47'05
	-811 Nov 09 j 13:18	0°♐	
retrograde	-811 Nov 14 j 01:05	1°♐37'31	
asc. node	-811 Nov 17 j 03:29	0°♐42'45	
evening set	-811 Nov 17 j 21:48	0°♐12'05	
	-811 Nov 18 j 04:06	30°℞♏	
inferior conj	-811 Nov 23 j 08:29	23°♏59'57	2°01'06
minimum elong	-811 Nov 23 j 06:03	24°♏08'16	2°00'14
min. Earth dist.	-811 Nov 23 j 21:11	23°♏16'35	0.67210 AU
morning rise	-811 Nov 28 j 13:51	17°♏44'02	
direct	-811 Dec 03 j 23:10	15°♏23'40	
morning max el	-811 Dec 14 j 23:44	21°♏58'21	24°10'18
	-811 Dec 21 j 23:44	0°♐	
desc. node	-811 Dec 27 j 08:40	7°♐05'06	
	-810 Jan 11 j 16:58	0°♑	
morning set	-810 Jan 19 j 17:06	13°♑20'16	
max. Earth dist.	-810 Jan 23 j 12:46	20°♑03'51	1.38125 AU
	-810 Jan 28 j 22:23	0°♒	
superior conj	-810 Jan 30 j 14:44	3°♒11'30	-1°-47'-47
minimum elong	-810 Jan 30 j 18:09	3°♒27'47	1°47'32
evening rise	-810 Feb 08 j 11:04	20°♒30'15	
asc. node	-810 Feb 13 j 02:50	29°♒29'47	
	-810 Feb 13 j 09:18	0°♓	
evening max el	-810 Feb 25 j 00:35	17°♓13'53	18°59'43
retrograde	-810 Mar 05 j 12:35	21°♓19'26	
evening set	-810 Mar 07 j 19:09	21°♓03'06	
inferior conj	-810 Mar 15 j 20:01	16°♓47'50	2°27'59
minimum elong	-810 Mar 16 j 00:31	16°♓39'54	2°26'46
min. Earth dist.	-810 Mar 18 j 23:48	14°♓35'18	0.57034 AU
morning rise	-810 Mar 24 j 01:44	11°♓45'19	
desc. node	-810 Mar 25 j 07:50	11°♓18'06	
direct	-810 Mar 29 j 07:25	10°♓40'04	
morning max el	-810 Apr 12 j 14:06	18°♓03'58	25°42'10
	-810 Apr 22 j 11:53	0°♈	
	-810 May 09 j 10:04	0°♉	
morning set	-810 May 10 j 01:37	1°♉21'28	
asc. node	-810 May 12 j 02:07	5°♉39'22	
superior conj	-810 May 17 j 02:29	16°♉34'31	0°50'46
minimum elong	-810 May 17 j 00:28	16°♉23'29	0°50'23
max. Earth dist.	-810 May 17 j 21:50	18°♉20'17	1.32657 AU
	-810 May 23 j 08:22	0°♊	
evening rise	-810 May 24 j 05:17	1°♊48'41	
	-810 Jun 08 j 16:08	0°♋	
desc. node	-810 Jun 21 j 07:06	17°♋00'02	
evening max el	-810 Jun 24 j 15:23	20°♋26'41	27°10'14
retrograde	-810 Jul 08 j 13:06	27°♋45'05	
evening set	-810 Jul 15 j 14:42	25°♋27'16	
min. Earth dist.	-810 Jul 19 j 05:29	22°♋41'35	0.61632 AU
inferior conj	-810 Jul 22 j 08:25	19°♋53'29	-4°-19'00
minimum elong	-810 Jul 22 j 12:12	19°♋44'57	4°18'26
morning rise	-810 Jul 29 j 12:30	14°♋56'25	
direct	-810 Jul 31 j 23:13	14°♋31'08	
morning max el	-810 Aug 07 j 21:41	17°♋59'20	17°57'57
asc. node	-810 Aug 08 j 01:20	18°♋08'17	
	-810 Aug 16 j 12:46	0°♌	
morning set	-810 Aug 23 j 20:25	13°♌03'20	
	-810 Sep 02 j 06:21	0°♍	
superior conj	-810 Sep 03 j 09:38	1°♍59'09	1°23'07
minimum elong	-810 Sep 03 j 14:20	2°♍19'36	1°22'39
max. Earth dist.	-810 Sep 10 j 20:01	14°♍34'35	1.42424 AU
desc. node	-810 Sep 17 j 06:26	24°♍57'47	
evening rise	-810 Sep 17 j 12:07	25°♍20'17	
	-810 Sep 20 j 11:36	0°♎	
	-810 Oct 11 j 02:01	0°♏	
greatest brilliancy	-810 Oct 14 j 20:24	4°♏49'26	-0.4m
evening max el	-810 Oct 19 j 14:27	10°♏12'21	22°00'50
retrograde	-810 Oct 28 j 21:15	15°♏43'33	
evening set	-810 Nov 02 j 05:40	14°♏00'58	
asc. node	-810 Nov 04 j 00:32	12°♏19'06	
inferior conj	-810 Nov 07 j 15:01	7°♏41'38	1°13'05
minimum elong	-810 Nov 07 j 13:24	7°♏47'14	1°12'25
min. Earth dist.	-810 Nov 07 j 16:44	7°♏35'39	0.67563 AU
morning rise	-810 Nov 12 j 20:53	1°♏26'33	
	-810 Nov 15 j 03:01	30°℞♎	
direct	-810 Nov 17 j 14:57	29°♎28'11	
	-810 Nov 20 j 06:40	0°♏	
morning max el	-810 Nov 27 j 09:54	5°♏16'58	22°42'43
greatest brilliancy	-810 Dec 02 j 01:50	10°♏30'26	-0.3m
desc. node	-810 Dec 14 j 05:43	26°♏54'23	
	-810 Dec 16 j 08:35	0°♐	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-810 Dec 31 j 10:03	23°♐25'58		
	-809 Jan 04 j 08:34	0°♑		
max. Earth dist.	-809 Jan 05 j 08:29	1°♑41'39	1.40241 AU	
superior conj	-809 Jan 13 j 03:30	15°♑24'59	-1°-59'-6	
minimum elong	-809 Jan 13 j 05:03	15°♑32'00	1°59'06	
	-809 Jan 20 j 23:30	0°♒		
evening rise	-809 Jan 23 j 00:31	3°♒52'29		
asc. node	-809 Jan 30 j 23:52	18°♒28'44		
evening max el	-809 Feb 08 j 05:19	29°♒50'53	18°24'13	
	-809 Feb 08 j 09:07	0°♓		
retrograde	-809 Feb 15 j 14:10	3°♓28'52		
evening set	-809 Feb 18 j 01:20	3°♓05'38		
	-809 Feb 23 j 11:39	30°℞♒		
inferior conj	-809 Feb 25 j 08:49	28°♒29'41	3°25'11	
minimum elong	-809 Feb 25 j 12:10	28°♒22'47	3°24'38	
min. Earth dist.	-809 Feb 28 j 19:09	25°♒41'48	0.58964 AU	
morning rise	-809 Mar 04 j 19:20	23°♒00'35		
direct	-809 Mar 11 j 01:20	21°♒18'05		
desc. node	-809 Mar 12 j 04:54	21°♒21'30		
morning max el	-809 Mar 25 j 08:47	28°♒57'47	26°56'30	
	-809 Mar 26 j 09:38	0°♓		
	-809 Apr 16 j 04:47	0°♈		
morning set	-809 Apr 24 j 11:42	16°♈14'13		
asc. node	-809 Apr 28 j 23:11	25°♈48'55		
	-809 Apr 30 j 21:06	0°♉		
superior conj	-809 May 01 j 14:16	1°♉34'12	0°27'30	
minimum elong	-809 May 01 j 13:04	1°♉27'38	0°27'15	
max. Earth dist.	-809 May 01 j 10:41	1°♉14'30	1.32394 AU	
evening rise	-809 May 08 j 13:33	16°♉38'50		
	-809 May 15 j 06:16	0°♊		
	-809 Jun 04 j 09:54	0°♋		
evening max el	-809 Jun 06 j 16:19	2°♋17'32	26°22'06	
desc. node	-809 Jun 08 j 04:08	3°♋39'23		
retrograde	-809 Jun 20 j 17:02	9°♋32'01		
evening set	-809 Jun 27 j 04:13	7°♋47'42		
min. Earth dist.	-809 Jul 01 j 05:24	5°♋09'56	0.59594 AU	
inferior conj	-809 Jul 04 j 13:43	2°♋33'11	-4°-39'00	
minimum elong	-809 Jul 04 j 14:52	2°♋30'56	4°38'58	
	-809 Jul 08 j 01:02	30°℞♊		
morning rise	-809 Jul 12 j 04:55	27°♊58'37		
direct	-809 Jul 14 j 16:05	27°♊36'57		
	-809 Jul 20 j 19:36	0°♋		
morning max el	-809 Jul 22 j 07:37	1°♋17'52	18°20'46	
asc. node	-809 Jul 25 j 22:24	5°♋27'41		
morning set	-809 Aug 07 j 07:28	26°♋42'01		
	-809 Aug 09 j 00:59	0°♌		
superior conj	-809 Aug 16 j 14:37	14°♌13'06	1°40'53	
minimum elong	-809 Aug 16 j 17:18	14°♌25'21	1°40'45	
max. Earth dist.	-809 Aug 24 j 02:34	27°♌32'03	1.40561 AU	
	-809 Aug 25 j 13:14	0°♍		
evening rise	-809 Aug 28 j 18:57	5°♍24'53		
desc. node	-809 Sep 04 j 03:28	15°♍37'06		
	-809 Sep 13 j 16:40	0°♎		
evening max el	-809 Oct 02 j 05:17	23°♎42'35	23°20'25	
retrograde	-809 Oct 12 j 14:37	29°♎51'12		
evening set	-809 Oct 17 j 12:36	27°♎50'07		
asc. node	-809 Oct 21 j 21:36	22°♎50'36		
inferior conj	-809 Oct 22 j 22:01	21°♎27'13	0°21'02	
minimum elong	-809 Oct 22 j 21:31	21°♎28'55	0°20'48	
min. Earth dist.	-809 Oct 22 j 13:19	21°♎57'02	0.67597 AU	
morning rise	-809 Oct 28 j 06:29	15°♎15'39		
direct	-809 Nov 01 j 10:11	13°♎39'40		
morning max el	-809 Nov 10 j 01:23	18°♎43'20	21°19'50	
greatest brilliancy	-809 Nov 15 j 07:08	24°♎45'16	-0.4m	
	-809 Nov 19 j 06:44	0°♏		
desc. node	-809 Dec 01 j 02:45	17°♏04'55		
	-809 Dec 09 j 13:06	0°♐		
morning set	-809 Dec 10 j 22:32	2°♐11'11		
max. Earth dist.	-809 Dec 18 j 10:36	14°♐14'51	1.42222 AU	
superior conj	-809 Dec 25 j 18:28	26°♐33'40	-1°-58'-37	
minimum elong	-809 Dec 25 j 16:09	26°♐23'45	1°58'34	
	-809 Dec 27 j 18:09	0°♑		
evening rise	-808 Jan 06 j 00:51	16°♑33'43		
	-808 Jan 13 j 13:49	0°♒		
asc. node	-808 Jan 17 j 20:55	6°♒52'49		
evening max el	-808 Jan 22 j 15:18	12°♒49'53	18°08'35	
retrograde	-808 Jan 29 j 08:43	16°♒16'15		
evening set	-808 Jan 31 j 23:53	15°♒44'56		
inferior conj	-808 Feb 07 j 17:02	10°♒46'59	3°50'12	
minimum elong	-808 Feb 07 j 18:02	10°♒44'36	3°50'08	
min. Earth dist.	-808 Feb 10 j 20:49	7°♒48'01	0.61049 AU	
morning rise	-808 Feb 14 j 09:28	4°♒59'30		
direct	-808 Feb 21 j 05:51	2°♒41'48		
desc. node	-808 Feb 27 j 01:56	4°♒11'47		
morning max el	-808 Mar 06 j 09:47	10°♒29'39	27°38'48	
	-808 Mar 21 j 14:37	0°♓		
	-808 Apr 07 j 07:39	0°♈		
morning set	-808 Apr 07 j 18:08	0°♈53'45		
max. Earth dist.	-808 Apr 13 j 22:50	14°♈03'49	1.32487 AU	
asc. node	-808 Apr 14 j 20:14	16°♈00'31		
superior conj	-808 Apr 15 j 01:23	16°♈28'39	0°02'17	
minimum elong	-808 Apr 15 j 01:16	16°♈28'03	0°02'16	
behind sun begin	-808 Apr 14 j 20:15	16°♈00'37		
behind sun end	-808 Apr 15 j 06:18	16°♈55'29		
	-808 Apr 21 j 06:47	0°♉		
evening rise	-808 Apr 22 j 00:31	1°♉34'04		
	-808 May 07 j 14:07	0°♊		
evening max el	-808 May 18 j 10:28	13°♊24'21	25°06'02	
desc. node	-808 May 25 j 01:10	18°♊26'43		
retrograde	-808 Jun 01 j 10:45	20°♊32'06		
evening set	-808 Jun 06 j 18:51	19°♊26'29		
min. Earth dist.	-808 Jun 11 j 22:10	16°♊38'59	0.57606 AU	
inferior conj	-808 Jun 15 j 00:01	14°♊34'14	-4°-30'-28	
minimum elong	-808 Jun 14 j 20:50	14°♊39'39	4°30'11	
morning rise	-808 Jun 23 j 02:43	10°♊21'48		
direct	-808 Jun 25 j 15:42	10°♊02'43		
morning max el	-808 Jul 04 j 10:15	14°♊08'45	19°04'14	
asc. node	-808 Jul 11 j 19:28	23°♊38'41		
	-808 Jul 15 j 12:21	0°♋		
morning set	-808 Jul 21 j 04:32	10°♋51'18		
superior conj	-808 Jul 29 j 14:27	27°♋24'26	1°47'28	
minimum elong	-808 Jul 29 j 14:55	27°♋26'39	1°47'29	
	-808 Jul 30 j 22:57	0°♌		
max. Earth dist.	-808 Aug 05 j 05:39	9°♌48'04	1.38551 AU	
evening rise	-808 Aug 09 j 02:54	16°♌41'05		
	-808 Aug 17 j 02:48	0°♍		
desc. node	-808 Aug 21 j 00:30	6°♍06'53		
	-808 Sep 07 j 04:40	0°♎		
evening max el	-808 Sep 13 j 17:12	7°♎15'59	24°39'37	
retrograde	-808 Sep 25 j 04:12	13°♎57'16		
evening set	-808 Sep 30 j 16:54	11°♎37'59		
min. Earth dist.	-808 Oct 05 j 08:35	6°♎19'16	0.67312 AU	
inferior conj	-808 Oct 06 j 03:46	5°♎15'21	0°-33'-29	
minimum elong	-808 Oct 06 j 04:35	5°♎12'37	0°33'10	
asc. node	-808 Oct 07 j 18:38	3°♎08'29		
	-808 Oct 10 j 15:29	30°℞♍		
morning rise	-808 Oct 11 j 16:41	29°♍10'00		
direct	-808 Oct 15 j 07:40	27°♍54'27		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-808 Oct 20 j 09:36	0°♎		
morning max el	-808 Oct 23 j 00:23	2°♎20'26	20°07'32	
greatest brilliancy	-808 Oct 30 j 01:05	10°♎54'18	-0.6m	
	-808 Nov 12 j 01:53	0°♏		
desc. node	-808 Nov 16 j 23:47	7°♏31'00		
morning set	-808 Nov 18 j 19:36	10°♏19'59		
max. Earth dist.	-808 Nov 29 j 20:22	27°♏39'47	1.43789 AU	
	-808 Dec 01 j 07:20	0°♐		
superior conj	-808 Dec 05 j 07:01	6°♐28'11	-1°-41'-55	
minimum elong	-808 Dec 05 j 00:13	6°♐00'21	1°41'25	
evening rise	-808 Dec 18 j 07:55	28°♐26'23		
	-808 Dec 19 j 05:38	0°♑		
asc. node	-807 Jan 03 j 17:57	24°♑31'53		
evening max el	-807 Jan 05 j 03:37	26°♑03'35	18°12'18	
retrograde	-807 Jan 11 j 15:41	29°♑31'42		
evening set	-807 Jan 14 j 10:52	28°♑51'24		
inferior conj	-807 Jan 20 j 16:59	23°♑32'45	3°50'47	
minimum elong	-807 Jan 20 j 15:56	23°♑35'36	3°50'42	
min. Earth dist.	-807 Jan 23 j 07:36	20°♑45'07	0.63007 AU	
morning rise	-807 Jan 26 j 19:07	17°♑33'16		
direct	-807 Feb 02 j 19:10	14°♑51'21		
desc. node	-807 Feb 12 j 22:59	19°♑21'01		
morning max el	-807 Feb 16 j 16:18	22°♑42'10	27°44'14	
	-807 Feb 23 j 04:01	0°♒		
	-807 Mar 14 j 18:53	0°♓		
morning set	-807 Mar 22 j 18:44	15°♓12'31		
max. Earth dist.	-807 Mar 28 j 06:14	26°♓34'01	1.32955 AU	
	-807 Mar 29 j 20:45	0°♈		
superior conj	-807 Mar 30 j 10:07	1°♈12'01	0°-24'-3	
minimum elong	-807 Mar 30 j 11:15	1°♈18'09	0°23'49	
asc. node	-807 Apr 01 j 17:17	6°♈10'16		
evening rise	-807 Apr 06 j 12:18	16°♈27'42		
	-807 Apr 13 j 06:39	0°♉		
evening max el	-807 Apr 30 j 01:07	24°♉03'12	23°33'41	
	-807 May 08 j 21:16	0°♊		
desc. node	-807 May 11 j 22:12	0°♊45'27		
retrograde	-807 May 13 j 16:34	0°♊52'33		
evening set	-807 May 17 j 14:14	0°♊19'00		
	-807 May 18 j 14:29	30°℞♉		
min. Earth dist.	-807 May 24 j 11:40	27°♉07'15	0.56000 AU	
inferior conj	-807 May 26 j 14:13	25°♉51'36	-3°-41'-28	
minimum elong	-807 May 26 j 07:30	26°♉01'42	3°39'57	
morning rise	-807 Jun 04 j 04:21	21°♉54'45		
direct	-807 Jun 06 j 19:53	21°♉37'18		
morning max el	-807 Jun 17 j 03:06	26°♉23'09	20°08'29	
	-807 Jun 20 j 11:59	0°♊		
asc. node	-807 Jun 28 j 16:31	12°♊29'02		
morning set	-807 Jul 05 j 08:29	25°♊22'37		
	-807 Jul 07 j 14:51	0°♋		
superior conj	-807 Jul 13 j 03:50	11°♋17'34	1°45'11	
minimum elong	-807 Jul 13 j 02:37	11°♋11'28	1°45'09	
max. Earth dist.	-807 Jul 18 j 10:14	21°♋37'57	1.36653 AU	
evening rise	-807 Jul 22 j 09:42	29°♋03'54		
	-807 Jul 22 j 22:02	0°♌		
desc. node	-807 Aug 07 j 21:31	26°♌21'19		
	-807 Aug 10 j 09:09	0°♍		
evening max el	-807 Aug 27 j 04:24	20°♍51'17	25°51'06	
retrograde	-807 Sep 08 j 13:20	27°♍55'53		
evening set	-807 Sep 14 j 16:40	25°♍21'18		
min. Earth dist.	-807 Sep 19 j 00:08	20°♍39'02	0.66699 AU	
inferior conj	-807 Sep 20 j 06:29	19°♍02'50	-1°-29'-1	
minimum elong	-807 Sep 20 j 08:43	18°♍55'47	1°28'07	
asc. node	-807 Sep 24 j 15:40	14°♍08'57		
morning rise	-807 Sep 26 j 01:33	13°♍06'37		
direct	-807 Sep 29 j 05:59	12°♍08'09		
morning max el	-807 Oct 06 j 06:37	16°♍05'57	19°09'11	
	-807 Oct 16 j 18:20	0°♎		
morning set	-807 Oct 29 j 01:22	19°♎01'28		
desc. node	-807 Nov 03 j 20:49	28°♎07'15		
	-807 Nov 05 j 01:36	0°♏		
max. Earth dist.	-807 Nov 12 j 11:37	11°♏39'07	1.44743 AU	
superior conj	-807 Nov 14 j 18:24	15°♏15'30	-1°-7'-11	
minimum elong	-807 Nov 14 j 10:44	14°♏45'11	1°06'19	
	-807 Nov 23 j 23:30	0°♐		
evening rise	-807 Nov 29 j 17:19	9°♐21'57		
	-807 Dec 12 j 11:38	0°♑		
evening max el	-807 Dec 19 j 15:38	9°♑25'50	18°34'38	
asc. node	-807 Dec 21 j 14:58	11°♑12'52		
retrograde	-807 Dec 26 j 06:42	13°♑06'38		
evening set	-807 Dec 29 j 06:49	12°♑16'08		
inferior conj	-806 Jan 04 j 04:46	6°♑38'58	3°33'56	
minimum elong	-806 Jan 04 j 02:25	6°♑45'55	3°33'32	
min. Earth dist.	-806 Jan 06 j 04:12	4°♑18'37	0.64666 AU	
morning rise	-806 Jan 09 j 20:45	0°♑31'45		
	-806 Jan 10 j 12:30	30°℞♐		
direct	-806 Jan 16 j 15:56	27°♐40'29		
	-806 Jan 23 j 12:12	0°♑		
morning max el	-806 Jan 30 j 01:36	5°♑26'09	27°14'46	
desc. node	-806 Jan 30 j 20:01	6°♑12'56		
	-806 Feb 17 j 20:18	0°♒		
morning set	-806 Mar 06 j 10:35	29°♒01'09		
	-806 Mar 06 j 22:38	0°♓		
max. Earth dist.	-806 Mar 11 j 04:54	8°♓32'59	1.33841 AU	
superior conj	-806 Mar 14 j 14:36	15°♓38'19	0°-50'-27	
minimum elong	-806 Mar 14 j 16:58	15°♓50'50	0°50'00	
asc. node	-806 Mar 19 j 14:19	26°♓13'58		
	-806 Mar 21 j 09:05	0°♈		
evening rise	-806 Mar 21 j 23:08	1°♈13'34		
	-806 Apr 07 j 12:56	0°♉		
evening max el	-806 Apr 11 j 19:14	4°♉44'03	21°59'45	
retrograde	-806 Apr 24 j 10:42	10°♉54'49		
evening set	-806 Apr 27 j 03:51	10°♉38'26		
desc. node	-806 Apr 28 j 19:13	10°♉13'36		
min. Earth dist.	-806 May 06 j 00:53	6°♉50'10	0.55116 AU	
inferior conj	-806 May 06 j 12:59	6°♉33'09	-2°-8'-54	
minimum elong	-806 May 06 j 07:16	6°♉41'11	2°07'03	
morning rise	-806 May 15 j 12:04	2°♉37'19		
direct	-806 May 18 j 09:44	2°♉18'30		
morning max el	-806 May 30 j 08:57	7°♉55'46	21°31'50	
	-806 Jun 14 j 14:48	0°♊		
asc. node	-806 Jun 15 j 13:34	1°♊49'21		
morning set	-806 Jun 19 j 17:02	10°♊09'53		
superior conj	-806 Jun 27 j 02:45	25°♊40'55	1°36'02	
minimum elong	-806 Jun 27 j 00:34	25°♊29'30	1°35'51	
	-806 Jun 29 j 04:56	0°♋		
max. Earth dist.	-806 Jun 30 j 22:26	3°♋30'46	1.35056 AU	
evening rise	-806 Jul 05 j 10:33	12°♋21'22		
	-806 Jul 15 j 07:12	0°♌		
desc. node	-806 Jul 25 j 18:32	16°♌13'36		
	-806 Aug 05 j 11:23	0°♍		
evening max el	-806 Aug 09 j 16:10	4°♍24'29	26°46'55	
retrograde	-806 Aug 22 j 17:20	11°♍41'09		
evening set	-806 Aug 29 j 09:47	8°♍57'17		
min. Earth dist.	-806 Sep 02 j 09:42	4°♍52'41	0.65742 AU	
inferior conj	-806 Sep 04 j 04:14	2°♍47'02	-2°-23'-37	
minimum elong	-806 Sep 04 j 07:45	2°♍36'37	2°22'20	
	-806 Sep 06 j 15:21	30°℞♌		
morning rise	-806 Sep 10 j 06:59	27°♌02'59		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

asc. node	-806 Sep 11 j 12:43	26°♌32'18	
direct	-806 Sep 13 j 03:17	26°♌17'52	
	-806 Sep 19 j 19:50	0°♍	
morning max el	-806 Sep 19 j 18:27	29°♌56'29	18°26'41
morning set	-806 Oct 09 j 09:01	29°♍01'46	
	-806 Oct 09 j 23:24	0°♎	
desc. node	-806 Oct 21 j 17:50	18°♎50'09	
superior conj	-806 Oct 24 j 18:35	23°♎37'19	0°-19'-41
minimum elong	-806 Oct 24 j 15:59	23°♎27'05	0°19'20
max. Earth dist.	-806 Oct 26 j 05:47	25°♎55'52	1.44984 AU
	-806 Oct 28 j 19:54	0°♏	
evening rise	-806 Nov 10 j 02:42	19°♏17'53	
	-806 Nov 16 j 21:49	0°♐	
greatest brilliancy	-806 Nov 22 j 22:26	9°♐20'08	-0.7m
evening max el	-806 Dec 03 j 01:00	22°♐52'34	19°14'18
asc. node	-806 Dec 08 j 11:59	26°♐41'11	
retrograde	-806 Dec 10 j 02:16	26°♐55'22	
evening set	-806 Dec 13 j 08:55	25°♐52'51	
inferior conj	-806 Dec 19 j 01:00	19°♐59'45	3°04'38
minimum elong	-806 Dec 18 j 22:09	20°♐08'50	3°03'56
min. Earth dist.	-806 Dec 20 j 09:44	18°♐15'24	0.65953 AU
morning rise	-806 Dec 24 j 10:32	13°♐47'35	
direct	-806 Dec 30 j 18:55	11°♐01'00	
morning max el	-805 Jan 12 j 11:01	18°♐29'05	26°16'51
desc. node	-805 Jan 17 j 17:03	24°♐18'01	
	-805 Jan 22 j 05:23	0°♑	
	-805 Feb 10 j 20:01	0°♒	
morning set	-805 Feb 17 j 13:45	12°♒06'56	
max. Earth dist.	-805 Feb 21 j 15:56	19°♒56'34	1.35189 AU
superior conj	-805 Feb 26 j 12:27	29°♒39'44	-1°-15'-34
minimum elong	-805 Feb 26 j 15:49	29°♒56'54	1°15'04
	-805 Feb 26 j 16:25	0°♓	
evening rise	-805 Mar 06 j 07:05	15°♓44'49	
asc. node	-805 Mar 06 j 11:20	16°♓06'41	
	-805 Mar 13 j 14:48	0°♈	
evening max el	-805 Mar 24 j 22:28	15°♈50'47	20°35'58
retrograde	-805 Apr 04 j 23:40	21°♈09'14	
evening set	-805 Apr 07 j 04:24	20°♈57'31	
desc. node	-805 Apr 15 j 16:15	17°♈22'38	
inferior conj	-805 Apr 16 j 07:47	17°♈00'16	0°-11'-3
minimum elong	-805 Apr 16 j 07:16	17°♈01'01	0°10'53
transit middle	-805 Apr 16 j 07:16	17°♈01'01	0°10'53
transit begin	-805 Apr 16 j 04:18	17°♈05'17	
transit end	-805 Apr 16 j 10:13	16°♈56'45	
min. Earth dist.	-805 Apr 17 j 14:30	16°♈15'57	0.55169 AU
morning rise	-805 Apr 25 j 08:28	12°♈47'14	
direct	-805 Apr 28 j 21:25	12°♈20'05	
morning max el	-805 May 12 j 04:57	18°♈48'30	23°08'57
	-805 May 21 j 09:40	0°♉	
asc. node	-805 Jun 02 j 10:38	21°♉30'52	
morning set	-805 Jun 04 j 04:13	25°♉06'15	
	-805 Jun 06 j 11:44	0°♊	
superior conj	-805 Jun 11 j 08:04	10°♊23'43	1°21'35
minimum elong	-805 Jun 11 j 05:32	10°♊10'12	1°21'14
max. Earth dist.	-805 Jun 13 j 20:30	15°♊44'01	1.33830 AU
evening rise	-805 Jun 19 j 00:36	26°♊18'34	
	-805 Jun 20 j 21:50	0°♋	
	-805 Jul 08 j 15:49	0°♌	
desc. node	-805 Jul 12 j 15:34	5°♌33'34	
evening max el	-805 Jul 23 j 03:49	17°♌45'00	27°19'35
retrograde	-805 Aug 05 j 15:37	25°♌04'54	
evening set	-805 Aug 12 j 17:28	22°♌21'04	
min. Earth dist.	-805 Aug 16 j 10:57	18°♌53'00	0.64419 AU
inferior conj	-805 Aug 18 j 18:40	16°♌22'49	-3°-14'-49
minimum elong	-805 Aug 18 j 23:05	16°♌10'53	3°13'29
morning rise	-805 Aug 25 j 06:28	10°♌54'26	
direct	-805 Aug 27 j 21:11	10°♌19'08	
asc. node	-805 Aug 29 j 09:48	10°♌31'15	
morning max el	-805 Sep 03 j 09:26	13°♌46'51	18°01'16
	-805 Sep 14 j 16:56	0°♍	
morning set	-805 Sep 20 j 20:41	10°♍23'47	
	-805 Oct 02 j 15:24	0°♎	
superior conj	-805 Oct 04 j 05:43	2°♎35'14	0°28'32
minimum elong	-805 Oct 04 j 08:56	2°♎48'15	0°28'05
desc. node	-805 Oct 08 j 14:53	9°♎36'26	
max. Earth dist.	-805 Oct 09 j 00:05	10°♎12'58	1.44490 AU
evening rise	-805 Oct 20 j 15:54	28°♎26'08	
	-805 Oct 21 j 16:16	0°♏	
greatest brilliancy	-805 Nov 09 j 11:21	28°♏01'01	-0.6m
	-805 Nov 10 j 22:37	0°♐	
evening max el	-805 Nov 16 j 05:48	6°♐20'49	20°09'26
retrograde	-805 Nov 23 j 23:44	10°♐53'40	
asc. node	-805 Nov 25 j 09:01	10°♐42'40	
evening set	-805 Nov 27 j 14:48	9°♐37'04	
inferior conj	-805 Dec 03 j 02:58	3°♐30'57	2°26'20
minimum elong	-805 Dec 03 j 00:14	3°♐40'06	2°25'27
min. Earth dist.	-805 Dec 03 j 22:29	2°♐25'32	0.66856 AU
	-805 Dec 05 j 19:41	30°℞♏	
morning rise	-805 Dec 08 j 09:07	27°♏16'00	
direct	-805 Dec 14 j 03:17	24°♏44'21	
	-805 Dec 24 j 01:33	0°♐	
morning max el	-805 Dec 25 j 19:35	1°♐41'20	24°59'40
desc. node	-804 Jan 04 j 14:05	13°♐14'49	
	-804 Jan 16 j 07:05	0°♑	
morning set	-804 Jan 30 j 23:08	24°♑15'19	
	-804 Feb 03 j 03:14	0°♒	
max. Earth dist.	-804 Feb 03 j 16:26	1°♒00'57	1.36966 AU
superior conj	-804 Feb 10 j 00:43	13°♒07'52	-1°-37'-32
minimum elong	-804 Feb 10 j 04:26	13°♒26'05	1°37'09
evening rise	-804 Feb 18 j 10:01	29°♒55'13	
	-804 Feb 18 j 10:59	0°♓	
asc. node	-804 Feb 21 j 08:23	5°♓43'35	
evening max el	-804 Mar 06 j 12:45	27°♓34'22	19°29'10
	-804 Mar 09 j 12:53	0°♈	
retrograde	-804 Mar 15 j 21:04	2°♈03'08	
evening set	-804 Mar 18 j 01:35	1°♈49'30	
	-804 Mar 22 j 18:55	30°℞♓	
inferior conj	-804 Mar 26 j 13:00	27°♓43'26	1°38'31
minimum elong	-804 Mar 26 j 16:45	27°♓37'22	1°37'20
min. Earth dist.	-804 Mar 29 j 04:58	26°♓00'33	0.56144 AU
desc. node	-804 Apr 01 j 13:16	24°♓06'06	
morning rise	-804 Apr 04 j 04:17	22°♓59'52	
direct	-804 Apr 08 j 17:56	22°♓12'41	
morning max el	-804 Apr 22 j 19:57	29°♓20'07	24°49'06
	-804 Apr 23 j 12:18	0°♈	
	-804 May 13 j 16:41	0°♉	
morning set	-804 May 18 j 16:17	10°♉05'58	
asc. node	-804 May 19 j 07:42	11°♉27'22	
superior conj	-804 May 25 j 17:24	25°♉18'17	1°02'58
minimum elong	-804 May 25 j 15:04	25°♉05'37	1°02'34
max. Earth dist.	-804 May 27 j 02:57	28°♉20'05	1.32983 AU
	-804 May 27 j 21:29	0°♊	
evening rise	-804 Jun 01 j 23:59	10°♊43'37	
	-804 Jun 12 j 04:38	0°♋	
desc. node	-804 Jun 28 j 12:35	24°♋07'38	
	-804 Jul 03 j 20:54	0°♌	
evening max el	-804 Jul 04 j 13:08	0°♌39'18	27°22'55
retrograde	-804 Jul 18 j 07:34	7°♌58'18	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-804 Jul 25 j 12:14	5°♌26'46		
min. Earth dist.	-804 Jul 29 j 02:11	2°♌29'15	0.62740 AU	
inferior conj	-804 Jul 31 j 22:56	29°♋43'37	-3°-58'-56	
minimum elong	-804 Aug 01 j 03:22	29°♋32'53	3°58'00	
	-804 Jul 31 j 16:11	30°℞♋		
morning rise	-804 Aug 07 j 20:52	24°♋34'23		
direct	-804 Aug 10 j 08:27	24°♋06'03		
asc. node	-804 Aug 15 j 06:53	25°♋59'44		
morning max el	-804 Aug 17 j 00:50	27°♋31'10	17°53'48	
	-804 Aug 19 j 06:14	0°♌		
morning set	-804 Sep 02 j 07:12	22°♌51'06		
	-804 Sep 06 j 08:01	0°♍		
superior conj	-804 Sep 13 j 18:20	12°♍49'21	1°07'01	
minimum elong	-804 Sep 13 j 23:30	13°♍11'09	1°06'24	
max. Earth dist.	-804 Sep 20 j 15:13	24°♍10'59	1.43331 AU	
desc. node	-804 Sep 24 j 11:54	0°♎22'36		
	-804 Sep 24 j 06:13	0°♎		
evening rise	-804 Sep 28 j 22:22	7°♎20'33		
	-804 Oct 13 j 23:56	0°♏		
greatest brilliancy	-804 Oct 24 j 00:25	13°♏47'44	-0.4m	
evening max el	-804 Oct 29 j 04:46	19°♏48'29	21°17'24	
retrograde	-804 Nov 06 j 20:55	24°♏57'38		
evening set	-804 Nov 10 j 22:28	23°♏24'52		
asc. node	-804 Nov 11 j 06:05	23°♏09'40		
inferior conj	-804 Nov 16 j 08:23	17°♏09'07	1°41'19	
minimum elong	-804 Nov 16 j 06:15	17°♏16'27	1°40'30	
min. Earth dist.	-804 Nov 16 j 16:12	16°♏42'11	0.67398 AU	
morning rise	-804 Nov 21 j 13:43	10°♏53'28		
direct	-804 Nov 26 j 16:26	8°♏42'29		
morning max el	-804 Dec 07 j 04:30	14°♏57'50	23°33'04	
	-804 Dec 19 j 10:55	0°♐		
desc. node	-804 Dec 21 j 11:08	2°♐47'46		
	-803 Jan 08 j 06:18	0°♑		
morning set	-803 Jan 11 j 08:25	5°♑09'09		
max. Earth dist.	-803 Jan 15 j 11:51	12°♑17'19	1.39024 AU	
superior conj	-803 Jan 22 j 23:23	25°♑51'26	-1°-53'-46	
minimum elong	-803 Jan 23 j 02:14	26°♑04'47	1°53'37	
	-803 Jan 25 j 04:04	0°♒		
evening rise	-803 Feb 01 j 05:16	13°♒36'58		
asc. node	-803 Feb 07 j 05:26	24°♒58'15		
	-803 Feb 10 j 03:10	0°♓		
evening max el	-803 Feb 17 j 12:51	9°♓53'14	18°42'06	
retrograde	-803 Feb 25 j 12:01	13°♓45'28		
evening set	-803 Feb 27 j 20:28	13°♓26'28		
inferior conj	-803 Mar 07 j 13:37	9°♓02'28	2°56'36	
minimum elong	-803 Mar 07 j 17:55	8°♓54'22	2°55'38	
min. Earth dist.	-803 Mar 10 j 21:57	6°♓32'19	0.57811 AU	
morning rise	-803 Mar 15 j 11:19	3°♓47'26		
desc. node	-803 Mar 19 j 10:19	2°♓34'44		
direct	-803 Mar 21 j 04:00	2°♓27'12		
morning max el	-803 Apr 04 j 12:08	9°♓59'05	26°17'12	
	-803 Apr 19 j 18:20	0°♈		
morning set	-803 May 03 j 03:36	25°♈03'21		
	-803 May 05 j 11:25	0°♉		
asc. node	-803 May 06 j 04:46	1°♉33'39		
superior conj	-803 May 10 j 04:49	10°♉18'07	0°41'11	
minimum elong	-803 May 10 j 03:06	10°♉08'45	0°40'51	
max. Earth dist.	-803 May 10 j 14:27	11°♉10'58	1.32501 AU	
evening rise	-803 May 17 j 05:42	25°♉27'01		
	-803 May 19 j 10:56	0°♊		
	-803 Jun 05 j 21:28	0°♋		
desc. node	-803 Jun 15 j 09:36	11°♋36'44		
evening max el	-803 Jun 16 j 17:31	12°♋55'18	26°53'33	
retrograde	-803 Jun 30 j 16:36	20°♋12'34		
evening set	-803 Jul 07 j 13:50	18°♋07'19		
min. Earth dist.	-803 Jul 11 j 07:14	15°♋27'31	0.60778 AU	
inferior conj	-803 Jul 14 j 13:42	12°♋41'29	-4°-30'-12	
minimum elong	-803 Jul 14 j 16:38	12°♋35'16	4°29'54	
morning rise	-803 Jul 21 j 22:31	7°♋54'13		
direct	-803 Jul 24 j 09:13	7°♋30'40		
morning max el	-803 Jul 31 j 13:45	11°♋02'37	18°05'15	
asc. node	-803 Aug 02 j 03:58	12°♋43'45		
	-803 Aug 13 j 03:10	0°♌		
morning set	-803 Aug 16 j 10:46	6°♌08'04		
superior conj	-803 Aug 26 j 10:01	24°♌24'19	1°32'10	
minimum elong	-803 Aug 26 j 13:57	24°♌41'52	1°31'51	
	-803 Aug 29 j 14:26	0°♍		
max. Earth dist.	-803 Sep 03 j 00:38	7°♍32'37	1.41662 AU	
evening rise	-803 Sep 08 j 16:31	16°♍49'41		
desc. node	-803 Sep 11 j 08:57	21°♍05'54		
	-803 Sep 17 j 03:10	0°♎		
greatest brilliancy	-803 Oct 07 j 02:26	27°♎52'44	-0.3m	
	-803 Oct 08 j 21:27	0°♏		
evening max el	-803 Oct 11 j 22:03	3°♏16'59	22°34'13	
retrograde	-803 Oct 21 j 16:11	9°♏05'00		
evening set	-803 Oct 26 j 06:09	7°♏14'31		
asc. node	-803 Oct 29 j 03:09	4°♏14'00		
inferior conj	-803 Oct 31 j 15:20	0°♏52'54	0°51'25	
minimum elong	-803 Oct 31 j 14:09	0°♏56'57	0°50'54	
min. Earth dist.	-803 Oct 31 j 12:32	1°♏02'34	0.67614 AU	
	-803 Nov 01 j 06:40	30°℞♎		
morning rise	-803 Nov 05 j 22:04	24°♎38'55		
direct	-803 Nov 10 j 09:44	22°♎50'23		
morning max el	-803 Nov 19 j 16:40	28°♎19'54	22°06'27	
	-803 Nov 21 j 06:36	0°♏		
greatest brilliancy	-803 Nov 24 j 09:53	3°♏39'09	-0.4m	
desc. node	-803 Dec 08 j 08:11	22°♏46'52		
	-803 Dec 13 j 04:00	0°♐		
morning set	-803 Dec 22 j 12:44	14°♐38'24		
max. Earth dist.	-803 Dec 28 j 09:28	24°♐16'09	1.41114 AU	
	-803 Dec 31 j 18:31	0°♑		
superior conj	-802 Jan 05 j 03:28	7°♑38'11	-2°00'-37	
minimum elong	-802 Jan 05 j 03:36	7°♑38'48	2°00'38	
evening rise	-802 Jan 15 j 13:35	26°♑42'25		
	-802 Jan 17 j 08:05	0°♒		
asc. node	-802 Jan 25 j 02:28	13°♒43'24		
evening max el	-802 Jan 31 j 20:06	22°♒40'08	18°15'11	
retrograde	-802 Feb 07 j 21:16	26°♒11'38		
evening set	-802 Feb 10 j 10:02	25°♒45'14		
inferior conj	-802 Feb 17 j 11:02	21°♒00'06	3°39'17	
minimum elong	-802 Feb 17 j 13:25	20°♒54'52	3°39'00	
min. Earth dist.	-802 Feb 20 j 19:53	18°♒04'08	0.59844 AU	
morning rise	-802 Feb 24 j 13:26	15°♒21'55		
direct	-802 Mar 03 j 02:47	13°♒23'20		
desc. node	-802 Mar 06 j 07:21	13°♒50'07		
morning max el	-802 Mar 17 j 09:30	21°♒08'14	27°18'54	
	-802 Mar 25 j 02:31	0°♓		
	-802 Apr 12 j 14:21	0°♈		
morning set	-802 Apr 17 j 12:21	9°♈51'28		
asc. node	-802 Apr 23 j 01:48	21°♈44'38		
max. Earth dist.	-802 Apr 24 j 03:18	24°♈04'06	1.32381 AU	
superior conj	-802 Apr 24 j 16:30	25°♈16'27	0°17'00	
minimum elong	-802 Apr 24 j 15:44	25°♈12'17	0°16'51	
	-802 Apr 26 j 20:13	0°♉		
evening rise	-802 May 01 j 15:19	10°♉20'05		
	-802 May 11 j 18:52	0°♊		
evening max el	-802 May 29 j 15:19	24°♊26'29	25°52'40	
desc. node	-802 Jun 02 j 06:39	27°♊33'06		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-802 Jun 06 j 04:29	0°♋		
retrograde	-802 Jun 12 j 16:55	1°♋39'47		
evening set	-802 Jun 18 j 17:50	0°♋11'52		
	-802 Jun 19 j 03:34	30°℞♊		
min. Earth dist.	-802 Jun 23 j 03:51	27°♊31'54	0.58718 AU	
inferior conj	-802 Jun 26 j 11:17	25°♊06'00	-4°-39'-40	
minimum elong	-802 Jun 26 j 10:44	25°♊07'02	4°39'40	
morning rise	-802 Jul 04 j 07:22	20°♊41'20		
direct	-802 Jul 06 j 18:59	20°♊21'02		
morning max el	-802 Jul 14 j 21:01	24°♊11'14	18°36'40	
	-802 Jul 19 j 17:33	0°♋		
asc. node	-802 Jul 20 j 01:01	0°♋26'57		
morning set	-802 Jul 31 j 02:30	20°♋00'54		
	-802 Aug 05 j 06:15	0°♌		
superior conj	-802 Aug 08 j 23:44	7°♌04'54	1°44'54	
minimum elong	-802 Aug 09 j 01:26	7°♌12'51	1°44'50	
max. Earth dist.	-802 Aug 16 j 04:42	20°♌09'35	1.39707 AU	
evening rise	-802 Aug 20 j 09:59	27°♌24'41		
	-802 Aug 21 j 23:09	0°♍		
desc. node	-802 Aug 29 j 06:00	11°♍41'50		
	-802 Sep 10 j 17:16	0°♎		
evening max el	-802 Sep 24 j 11:18	16°♎48'21	23°54'33	
retrograde	-802 Oct 05 j 08:09	23°♎12'16		
evening set	-802 Oct 10 j 12:10	21°♎03'29		
inferior conj	-802 Oct 15 j 22:01	14°♎40'03	0°-1'-51	
minimum elong	-802 Oct 15 j 22:04	14°♎39'54	0°01'52	
transit middle	-802 Oct 15 j 22:04	14°♎39'54	0°01'52	
transit begin	-802 Oct 15 j 19:21	14°♎49'05		
transit end	-802 Oct 16 j 00:46	14°♎30'44		
min. Earth dist.	-802 Oct 15 j 08:57	15°♎24'28	0.67514 AU	
asc. node	-802 Oct 16 j 00:11	14°♎32'42		
morning rise	-802 Oct 21 j 08:08	8°♎30'30		
direct	-802 Oct 25 j 06:09	7°♎03'30		
morning max el	-802 Nov 02 j 11:08	11°♎50'27	20°47'24	
greatest brilliancy	-802 Nov 08 j 08:25	18°♎45'58	-0.5m	
	-802 Nov 16 j 10:27	0°♏		
desc. node	-802 Nov 25 j 05:15	13°♏04'44		
morning set	-802 Dec 01 j 16:01	22°♏59'54		
	-802 Dec 06 j 02:55	0°♐		
max. Earth dist.	-802 Dec 10 j 14:17	7°♐10'27	1.42950 AU	
superior conj	-802 Dec 17 j 07:35	18°♐16'07	-1°-53'-43	
minimum elong	-802 Dec 17 j 03:15	17°♐57'55	1°53'32	
	-802 Dec 24 j 03:47	0°♑		
evening rise	-802 Dec 29 j 07:05	9°♑03'41		
	-801 Jan 10 j 16:10	0°♒		
asc. node	-801 Jan 11 j 23:29	1°♒49'56		
evening max el	-801 Jan 15 j 07:29	5°♒46'43	18°07'57	
retrograde	-801 Jan 21 j 21:27	9°♒12'06		
evening set	-801 Jan 24 j 14:19	8°♒37'05		
inferior conj	-801 Jan 31 j 02:24	3°♒30'29	3°52'56	
minimum elong	-801 Jan 31 j 02:27	3°♒30'22	3°52'56	
min. Earth dist.	-801 Feb 03 j 01:15	0°♒33'39	0.61908 AU	
	-801 Feb 03 j 15:30	30°℞♑		
morning rise	-801 Feb 06 j 12:15	27°♑37'25		
direct	-801 Feb 13 j 11:37	25°♑07'20		
desc. node	-801 Feb 21 j 04:23	27°♑43'52		
	-801 Feb 24 j 06:45	0°♒		
morning max el	-801 Feb 27 j 12:54	2°♒57'30	27°45'38	
	-801 Mar 19 j 12:34	0°♓		
morning set	-801 Apr 01 j 16:35	24°♓23'24		
	-801 Apr 04 j 09:34	0°♈		
max. Earth dist.	-801 Apr 07 j 13:46	6°♈46'33	1.32632 AU	
superior conj	-801 Apr 09 j 02:50	10°♈07'29	0°-8'-48	
minimum elong	-801 Apr 09 j 03:14	10°♈09'42	0°08'43	
behind sun begin	-801 Apr 08 j 22:56	9°♈46'16		
behind sun end	-801 Apr 09 j 07:33	10°♈33'09		
asc. node	-801 Apr 09 j 22:49	11°♈56'18		
evening rise	-801 Apr 16 j 02:50	25°♈15'48		
	-801 Apr 18 j 09:26	0°♉		
	-801 May 06 j 10:52	0°♊		
evening max el	-801 May 11 j 07:33	5°♊19'38	24°28'03	
desc. node	-801 May 20 j 03:38	11°♊22'01		
retrograde	-801 May 25 j 05:45	12°♊21'13		
evening set	-801 May 29 j 23:14	11°♊31'02		
min. Earth dist.	-801 Jun 04 j 19:06	8°♊34'33	0.56858 AU	
inferior conj	-801 Jun 07 j 13:00	6°♊49'13	-4°-15'-16	
minimum elong	-801 Jun 07 j 07:59	6°♊57'17	4°14'30	
morning rise	-801 Jun 15 j 20:34	2°♊44'10		
direct	-801 Jun 18 j 10:26	2°♊25'57		
morning max el	-801 Jun 27 j 19:42	6°♊47'35	19°28'54	
asc. node	-801 Jul 06 j 22:05	18°♊56'09		
	-801 Jul 12 j 22:13	0°♋		
morning set	-801 Jul 15 j 02:49	4°♋20'27		
superior conj	-801 Jul 23 j 05:51	20°♋35'20	1°47'27	
minimum elong	-801 Jul 23 j 05:32	20°♋33'43	1°47'27	
	-801 Jul 28 j 03:27	0°♌		
max. Earth dist.	-801 Jul 29 j 07:41	2°♌11'26	1.37727 AU	
evening rise	-801 Aug 02 j 04:13	9°♌10'45		
	-801 Aug 14 j 18:09	0°♍		
desc. node	-801 Aug 16 j 03:01	2°♍05'41		
	-801 Sep 06 j 13:24	0°♎		
evening max el	-801 Sep 06 j 22:53	0°♎23'30	25°11'28	
retrograde	-801 Sep 18 j 19:49	7°♎15'27		
evening set	-801 Sep 24 j 14:45	4°♎49'28		
	-801 Sep 28 j 22:37	30°℞♍		
min. Earth dist.	-801 Sep 29 j 02:59	29°♍45'49	0.67097 AU	
inferior conj	-801 Sep 30 j 02:43	28°♍28'16	0°-57'-1	
minimum elong	-801 Sep 30 j 04:08	28°♍23'38	0°56'27	
asc. node	-801 Oct 02 j 21:14	25°♍02'08		
morning rise	-801 Oct 05 j 18:01	22°♍26'12		
direct	-801 Oct 09 j 04:19	21°♍18'10		
morning max el	-801 Oct 16 j 13:12	25°♍30'49	19°40'46	
	-801 Oct 20 j 10:30	0°♎		
greatest brilliancy	-801 Oct 24 j 18:54	5°♎53'11	-0.6m	
	-801 Nov 09 j 18:39	0°♏		
morning set	-801 Nov 10 j 13:45	1°♏13'55		
desc. node	-801 Nov 12 j 02:18	3°♏35'36		
max. Earth dist.	-801 Nov 23 j 02:50	20°♏52'40	1.44282 AU	
superior conj	-801 Nov 27 j 08:40	27°♏39'36	-1°-29'-17	
minimum elong	-801 Nov 27 j 00:45	27°♏07'47	1°28'33	
	-801 Nov 28 j 19:28	0°♐		
evening rise	-801 Dec 11 j 05:22	20°♐32'30		
	-801 Dec 16 j 19:49	0°♑		
asc. node	-801 Dec 29 j 20:30	19°♑06'00		
evening max el	-801 Dec 29 j 20:02	19°♑04'48	18°19'38	
retrograde	-800 Jan 05 j 08:14	22°♑36'42		
evening set	-800 Jan 08 j 05:29	21°♑52'04		
inferior conj	-800 Jan 14 j 07:48	16°♑25'13	3°45'23	
minimum elong	-800 Jan 14 j 06:05	16°♑30'01	3°45'12	
min. Earth dist.	-800 Jan 16 j 15:57	13°♑47'56	0.63759 AU	
morning rise	-800 Jan 20 j 05:09	10°♑22'22		
direct	-800 Jan 27 j 04:10	7°♑34'44		
desc. node	-800 Feb 08 j 01:26	13°♑40'35		
morning max el	-800 Feb 09 j 20:42	15°♑23'41	27°35'43	
	-800 Feb 21 j 20:40	0°♒		
	-800 Mar 11 j 04:03	0°♓		
morning set	-800 Mar 15 j 13:48	8°♓29'53		
max. Earth dist.	-800 Mar 20 j 17:53	19°♓04'12	1.33280 AU	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-800 Mar 23 j 09:59	24°♓43'58	0°-35'-18
minimum elong	-800 Mar 23 j 11:39	24°♓52'54	0°34'58
	-800 Mar 25 j 20:51	0°♈	
asc. node	-800 Mar 26 j 19:51	2°♈03'42	
evening rise	-800 Mar 30 j 14:25	10°♈06'38	
	-800 Apr 09 j 23:27	0°♉	
evening max el	-800 Apr 21 j 22:49	15°♉55'15	22°53'09
retrograde	-800 May 05 j 05:41	22°♉29'58	
desc. node	-800 May 06 j 00:37	22°♉28'34	
evening set	-800 May 08 j 13:55	22°♉05'30	
min. Earth dist.	-800 May 16 j 07:57	18°♉40'12	0.55525 AU
inferior conj	-800 May 17 j 19:33	17°♉48'56	-3°-7'-2
minimum elong	-800 May 17 j 12:34	17°♉59'01	3°05'07
morning rise	-800 May 26 j 14:01	13°♉54'44	
direct	-800 May 29 j 07:44	13°♉37'04	
morning max el	-800 Jun 09 j 07:43	18°♉43'30	20°41'47
	-800 Jun 18 j 04:29	0°♊	
asc. node	-800 Jun 22 j 19:08	8°♊00'10	
morning set	-800 Jun 28 j 09:01	18°♊59'24	
	-800 Jul 03 j 16:46	0°♋	
superior conj	-800 Jul 05 j 23:43	4°♋42'23	1°42'03
minimum elong	-800 Jul 05 j 22:00	4°♋33'38	1°41'57
max. Earth dist.	-800 Jul 10 j 15:21	14°♋01'04	1.35937 AU
evening rise	-800 Jul 14 j 19:18	21°♋58'18	
	-800 Jul 19 j 05:37	0°♌	
desc. node	-800 Aug 02 j 00:00	22°♌11'40	
	-800 Aug 07 j 13:13	0°♍	
evening max el	-800 Aug 19 j 10:26	13°♍59'21	26°17'11
retrograde	-800 Sep 01 j 02:38	21°♍09'32	
evening set	-800 Sep 07 j 11:59	18°♍30'06	
min. Earth dist.	-800 Sep 11 j 16:12	14°♍03'58	0.66341 AU
inferior conj	-800 Sep 13 j 03:35	12°♍14'57	-1°-52'-24
minimum elong	-800 Sep 13 j 06:24	12°♍06'19	1°51'18
asc. node	-800 Sep 18 j 18:18	6°♍34'49	
morning rise	-800 Sep 19 j 01:45	6°♍23'37	
direct	-800 Sep 22 j 02:31	5°♍31'10	
morning max el	-800 Sep 28 j 22:08	9°♍19'17	18°49'07
	-800 Oct 13 j 14:59	0°♎	
morning set	-800 Oct 20 j 05:34	10°♎27'14	
desc. node	-800 Oct 28 j 23:20	24°♎15'21	
	-800 Nov 01 j 14:59	0°♏	
max. Earth dist.	-800 Nov 04 j 20:25	5°♏04'28	1.44940 AU
superior conj	-800 Nov 05 j 12:49	6°♏09'01	0°-47'-57
minimum elong	-800 Nov 05 j 06:44	5°♏45'07	0°47'13
	-800 Nov 20 j 12:58	0°♐	
evening rise	-800 Nov 21 j 04:42	1°♐03'16	
	-800 Dec 10 j 02:27	0°♑	
evening max el	-800 Dec 12 j 07:12	2°♑29'26	18°49'24
asc. node	-800 Dec 15 j 17:32	5°♑18'10	
retrograde	-800 Dec 19 j 01:40	6°♑18'31	
evening set	-800 Dec 22 j 04:25	5°♑22'59	
inferior conj	-800 Dec 27 j 23:34	29°♐38'23	3°22'47
minimum elong	-800 Dec 27 j 20:56	29°♐46'30	3°22'14
	-800 Dec 27 j 16:31	30°℞♐	
min. Earth dist.	-800 Dec 29 j 16:29	27°♐33'00	0.65264 AU
morning rise	-799 Jan 02 j 12:25	23°♐28'46	
direct	-799 Jan 09 j 03:26	20°♐38'22	
morning max el	-799 Jan 22 j 06:28	28°♐17'39	26°53'08
	-799 Jan 23 j 21:59	0°♑	
desc. node	-799 Jan 24 j 22:30	1°♑06'46	
	-799 Feb 14 j 14:47	0°♒	
morning set	-799 Feb 27 j 00:46	22°♒01'16	
	-799 Mar 03 j 02:25	0°♓	
max. Earth dist.	-799 Mar 03 j 12:05	0°♓48'32	1.34365 AU
superior conj	-799 Mar 07 j 11:55	8°♓59'51	-1°-1'-21
minimum elong	-799 Mar 07 j 14:46	9°♓14'39	1°00'53
asc. node	-799 Mar 13 j 16:53	22°♓02'50	
evening rise	-799 Mar 15 j 00:16	24°♓46'39	
	-799 Mar 17 j 13:27	0°♈	
evening max el	-799 Apr 03 j 20:03	26°♈43'08	21°22'12
	-799 Apr 07 j 21:57	0°♉	
retrograde	-799 Apr 15 j 20:21	2°♉32'56	
evening set	-799 Apr 18 j 06:20	2°♉19'33	
desc. node	-799 Apr 22 j 21:39	0°♉47'59	
	-799 Apr 24 j 13:03	30°℞♈	
inferior conj	-799 Apr 27 j 14:41	28°♈19'27	-1°-20'-2
minimum elong	-799 Apr 27 j 10:56	28°♈24'43	1°18'43
min. Earth dist.	-799 Apr 27 j 20:55	28°♈10'42	0.55018 AU
morning rise	-799 May 06 j 15:44	24°♈18'56	
direct	-799 May 09 j 18:28	23°♈57'51	
	-799 May 22 j 10:13	0°♉	
morning max el	-799 May 22 j 09:00	29°♈57'11	22°12'10
asc. node	-799 Jun 09 j 16:11	27°♉29'55	
	-799 Jun 10 j 22:01	0°♊	
morning set	-799 Jun 12 j 18:54	3°♊50'58	
superior conj	-799 Jun 20 j 01:40	19°♊14'46	1°30'28
minimum elong	-799 Jun 19 j 23:16	19°♊02'06	1°30'13
max. Earth dist.	-799 Jun 23 j 07:44	26°♊01'04	1.34480 AU
	-799 Jun 25 j 06:45	0°♋	
evening rise	-799 Jun 28 j 02:13	5°♋33'30	
	-799 Jul 11 j 22:22	0°♌	
desc. node	-799 Jul 19 j 21:00	11°♌51'31	
evening max el	-799 Aug 01 j 22:07	27°♌27'49	27°04'00
	-799 Aug 04 j 18:15	0°♍	
retrograde	-799 Aug 15 j 04:16	4°♍46'58	
evening set	-799 Aug 22 j 01:29	2°♍01'23	
	-799 Aug 24 j 06:26	30°℞♌	
min. Earth dist.	-799 Aug 25 j 22:20	28°♌13'05	0.65225 AU
inferior conj	-799 Aug 27 j 22:32	25°♌55'55	-2°-45'-56
minimum elong	-799 Aug 28 j 02:30	25°♌44'35	2°44'35
morning rise	-799 Sep 03 j 05:01	20°♌18'26	
direct	-799 Sep 05 j 22:37	19°♌37'58	
asc. node	-799 Sep 05 j 15:23	19°♌38'28	
morning max el	-799 Sep 12 j 11:44	23°♌10'48	18°13'48
	-799 Sep 17 j 22:10	0°♍	
morning set	-799 Oct 01 j 01:28	21°♍03'19	
	-799 Oct 06 j 12:18	0°♎	
superior conj	-799 Oct 15 j 15:03	14°♎38'55	0°01'28
minimum elong	-799 Oct 15 j 15:14	14°♎39'36	0°01'26
behind sun begin	-799 Oct 15 j 04:16	13°♎56'06	
behind sun end	-799 Oct 16 j 02:11	15°♎23'03	
desc. node	-799 Oct 15 j 20:22	15°♎00'01	
max. Earth dist.	-799 Oct 18 j 15:04	19°♎23'39	1.44860 AU
	-799 Oct 25 j 09:20	0°♏	
evening rise	-799 Nov 01 j 04:31	10°♏36'07	
	-799 Nov 13 j 18:15	0°♐	
greatest brilliancy	-799 Nov 17 j 08:07	5°♐17'58	-0.7m
evening max el	-799 Nov 25 j 14:44	15°♐56'21	19°35'56
retrograde	-799 Dec 02 j 22:30	20°♐11'30	
asc. node	-799 Dec 02 j 14:36	20°♐10'54	
evening set	-799 Dec 06 j 08:24	19°♐03'19	
inferior conj	-799 Dec 11 j 22:36	13°♐04'03	2°49'21
minimum elong	-799 Dec 11 j 19:44	13°♐13'25	2°48'32
min. Earth dist.	-799 Dec 13 j 01:29	11°♐36'09	0.66382 AU
morning rise	-799 Dec 17 j 06:20	6°♐50'11	
direct	-799 Dec 23 j 08:47	4°♐09'04	
morning max el	-798 Jan 04 j 15:48	11°♐26'13	25°45'45
desc. node	-798 Jan 11 j 19:34	19°♐35'55	
	-798 Jan 19 j 13:01	0°♑	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-798 Feb 07 j 06:03	0°♒	
morning set	-798 Feb 09 j 21:07	4°♒44'48	
max. Earth dist.	-798 Feb 13 j 18:19	12°♒01'01	1.35896 AU
superior conj	-798 Feb 19 j 06:06	22°♒47'57	-1°-25'-26
minimum elong	-798 Feb 19 j 09:43	23°♒06'08	1°24'57
	-798 Feb 22 j 19:08	0°♓	
evening rise	-798 Feb 27 j 06:24	9°♓09'46	
asc. node	-798 Feb 28 j 13:55	11°♓49'23	
	-798 Mar 10 j 15:33	0°♈	
evening max el	-798 Mar 17 j 03:58	8°♈05'03	20°05'14
retrograde	-798 Mar 27 j 11:45	13°♈01'40	
evening set	-798 Mar 29 j 15:06	12°♈49'51	
inferior conj	-798 Apr 07 j 12:26	8°♈50'31	0°38'17
minimum elong	-798 Apr 07 j 14:08	8°♈47'58	0°37'42
min. Earth dist.	-798 Apr 09 j 11:06	7°♈40'24	0.55470 AU
desc. node	-798 Apr 09 j 18:42	7°♈29'12	
morning rise	-798 Apr 16 j 10:23	4°♈25'03	
direct	-798 Apr 20 j 08:42	3°♈51'09	
morning max el	-798 May 04 j 02:22	10°♈38'50	23°52'10
	-798 May 18 j 12:13	0°♉	
asc. node	-798 May 27 j 13:15	17°♉18'30	
morning set	-798 May 28 j 06:40	18°♉49'37	
	-798 Jun 02 j 11:50	0°♊	
superior conj	-798 Jun 04 j 09:00	4°♊03'56	1°14'08
minimum elong	-798 Jun 04 j 06:30	3°♊50'27	1°13'46
max. Earth dist.	-798 Jun 06 j 09:27	8°♊23'31	1.33413 AU
evening rise	-798 Jun 11 j 20:41	19°♊44'06	
	-798 Jun 17 j 03:56	0°♋	
	-798 Jul 06 j 01:19	0°♌	
desc. node	-798 Jul 06 j 18:01	0°♌54'11	
evening max el	-798 Jul 15 j 08:55	10°♌38'27	27°24'53
retrograde	-798 Jul 29 j 00:14	17°♌59'16	
evening set	-798 Aug 05 j 04:13	15°♌18'48	
min. Earth dist.	-798 Aug 08 j 19:32	12°♌04'52	0.63742 AU
inferior conj	-798 Aug 11 j 09:01	9°♌26'20	-3°-34'-41
minimum elong	-798 Aug 11 j 13:36	9°♌14'31	3°33'29
morning rise	-798 Aug 18 j 01:03	4°♌05'50	
direct	-798 Aug 20 j 14:01	3°♌34'00	
asc. node	-798 Aug 23 j 12:27	4°♌16'57	
morning max el	-798 Aug 27 j 03:18	6°♌59'49	17°55'49
	-798 Sep 11 j 07:09	0°♍	
morning set	-798 Sep 12 j 23:36	2°♍55'05	
superior conj	-798 Sep 25 j 12:10	24°♍07'05	0°46'23
minimum elong	-798 Sep 25 j 16:44	24°♍25'51	0°45'47
	-798 Sep 29 j 02:50	0°♎	
max. Earth dist.	-798 Oct 01 j 07:44	3°♎32'24	1.44073 AU
desc. node	-798 Oct 02 j 17:23	5°♎46'32	
evening rise	-798 Oct 11 j 12:37	19°♎32'29	
	-798 Oct 18 j 08:58	0°♏	
greatest brilliancy	-798 Nov 02 j 17:50	22°♏15'29	-0.5m
evening max el	-798 Nov 08 j 17:06	29°♏24'07	20°37'00
	-798 Nov 09 j 07:22	0°♐	
retrograde	-798 Nov 16 j 20:06	4°♐12'08	
asc. node	-798 Nov 19 j 11:40	3°♐32'04	
evening set	-798 Nov 20 j 15:16	2°♐49'06	
	-798 Nov 23 j 12:20	30°℞♏	
inferior conj	-798 Nov 26 j 02:18	26°♏38'32	2°07'57
minimum elong	-798 Nov 25 j 23:47	26°♏47'07	2°07'03
min. Earth dist.	-798 Nov 26 j 16:46	25°♏49'21	0.67131 AU
morning rise	-798 Dec 01 j 07:48	20°♏22'46	
direct	-798 Dec 06 j 19:27	17°♏59'13	
morning max el	-798 Dec 18 j 00:10	24°♏40'01	24°23'13
	-798 Dec 22 j 19:36	0°♐	
desc. node	-798 Dec 29 j 16:37	8°♐49'31	

	-797 Jan 13 j 00:32	0°♉	
morning set	-797 Jan 22 j 21:03	16°♉23'27	
max. Earth dist.	-797 Jan 26 j 15:12	23°♉03'36	1.37816 AU
	-797 Jan 30 j 09:40	0°♒	
superior conj	-797 Feb 02 j 13:08	5°♒58'26	-1°-45'-20
minimum elong	-797 Feb 02 j 16:40	6°♒15'27	1°45'02
evening rise	-797 Feb 11 j 06:24	23°♒08'29	
	-797 Feb 14 j 18:43	0°♓	
asc. node	-797 Feb 15 j 10:59	1°♓17'26	
evening max el	-797 Feb 27 j 22:49	20°♓04'45	19°06'45
retrograde	-797 Mar 08 j 15:41	24°♓15'39	
evening set	-797 Mar 10 j 21:42	24°♓00'05	
inferior conj	-797 Mar 19 j 01:19	19°♓47'32	2°16'07
minimum elong	-797 Mar 19 j 05:45	19°♓39'55	2°14'52
min. Earth dist.	-797 Mar 22 j 02:40	17°♓42'11	0.56784 AU
morning rise	-797 Mar 27 j 09:42	14°♓49'51	
desc. node	-797 Mar 27 j 15:45	14°♓44'07	
direct	-797 Apr 01 j 11:23	13°♓49'35	
morning max el	-797 Apr 15 j 17:03	21°♓09'41	25°28'57
	-797 Apr 23 j 08:51	0°♈	
	-797 May 10 j 22:36	0°♉	
morning set	-797 May 12 j 18:35	3°♉48'32	
asc. node	-797 May 14 j 10:17	7°♉19'20	
superior conj	-797 May 19 j 19:26	19°♉01'17	0°54'05
minimum elong	-797 May 19 j 17:19	18°♉49'44	0°53'42
max. Earth dist.	-797 May 20 j 18:20	21°♉06'11	1.32731 AU
	-797 May 24 j 21:39	0°♊	
evening rise	-797 May 26 j 23:05	4°♊17'56	
	-797 Jun 09 j 21:19	0°♋	
desc. node	-797 Jun 23 j 15:03	19°♋03'10	
evening max el	-797 Jun 27 j 16:34	23°♋17'52	27°14'36
	-797 Jul 07 j 20:16	0°♌	
retrograde	-797 Jul 11 j 13:31	0°♌36'12	
	-797 Jul 15 j 03:51	30°℞♋	
evening set	-797 Jul 18 j 16:13	28°♋14'31	
min. Earth dist.	-797 Jul 22 j 06:34	25°♋26'07	0.61927 AU
inferior conj	-797 Jul 25 j 07:58	22°♋38'15	-4°-14'-15
minimum elong	-797 Jul 25 j 11:59	22°♋29'01	4°13'36
morning rise	-797 Aug 01 j 10:26	17°♋37'48	
direct	-797 Aug 03 j 21:19	17°♋11'46	
asc. node	-797 Aug 10 j 09:31	20°♋18'50	
morning max el	-797 Aug 10 j 17:56	20°♋38'58	17°56'15
	-797 Aug 17 j 18:14	0°♌	
morning set	-797 Aug 26 j 18:04	15°♌45'17	
	-797 Sep 03 j 16:38	0°♍	
superior conj	-797 Sep 06 j 12:37	4°♍56'10	1°19'18
minimum elong	-797 Sep 06 j 17:31	5°♍17'19	1°18'48
max. Earth dist.	-797 Sep 13 j 20:28	17°♍16'03	1.42675 AU
desc. node	-797 Sep 19 j 14:26	26°♍31'53	
evening rise	-797 Sep 20 j 22:01	28°♍36'30	
	-797 Sep 21 j 19:20	0°♎	
	-797 Oct 12 j 02:41	0°♏	
greatest brilliancy	-797 Oct 17 j 18:06	7°♏23'41	-0.4m
evening max el	-797 Oct 22 j 13:42	12°♏52'45	21°49'20
retrograde	-797 Oct 31 j 16:33	18°♏17'58	
evening set	-797 Nov 04 j 23:09	16°♏37'58	
asc. node	-797 Nov 06 j 08:43	15°♏21'20	
inferior conj	-797 Nov 10 j 08:36	10°♏19'31	1°20'40
minimum elong	-797 Nov 10 j 06:50	10°♏25'36	1°19'57
min. Earth dist.	-797 Nov 10 j 11:52	10°♏08'10	0.67534 AU
morning rise	-797 Nov 15 j 14:16	4°♏04'18	
direct	-797 Nov 20 j 10:37	2°♏02'34	
morning max el	-797 Nov 30 j 09:52	7°♏58'03	22°55'39
greatest brilliancy	-797 Dec 05 j 04:06	13°♏17'46	-0.3m

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-797 Dec 16 j 13:40	28°♏34'56		
	-797 Dec 17 j 13:15	0°♐		
morning set	-796 Jan 03 j 18:20	26°♐41'39		
	-796 Jan 05 j 17:54	0°♑		
max. Earth dist.	-796 Jan 08 j 10:43	4°♑35'25	1.39931 AU	
superior conj	-796 Jan 16 j 04:38	18°♑20'07	-1°-58'-4	
minimum elong	-796 Jan 16 j 06:35	18°♑29'04	1°58'01	
	-796 Jan 22 j 10:25	0°♒		
evening rise	-796 Jan 25 j 21:27	6°♒35'54		
asc. node	-796 Feb 02 j 08:02	20°♒20'38		
	-796 Feb 08 j 17:33	0°♓		
evening max el	-796 Feb 11 j 02:25	2°♓36'59	18°28'11	
retrograde	-796 Feb 18 j 14:32	6°♓18'06		
evening set	-796 Feb 21 j 01:03	5°♓55'59		
inferior conj	-796 Feb 28 j 10:56	1°♓23'04	3°18'45	
minimum elong	-796 Feb 28 j 14:35	1°♓15'42	3°18'05	
	-796 Mar 01 j 04:01	30°♑℞♒		
min. Earth dist.	-796 Mar 02 j 21:10	28°♒39'07	0.58660 AU	
morning rise	-796 Mar 07 j 00:22	25°♒57'24		
direct	-796 Mar 13 j 03:12	24°♒20'47		
desc. node	-796 Mar 13 j 12:48	24°♒21'12		
	-796 Mar 25 j 07:23	0°♓		
morning max el	-796 Mar 27 j 10:55	1°♓58'25	26°47'18	
	-796 Apr 16 j 13:19	0°♈		
morning set	-796 Apr 26 j 05:00	18°♈42'12		
asc. node	-796 Apr 30 j 07:20	27°♈27'44		
	-796 May 01 j 11:15	0°♉		
superior conj	-796 May 03 j 07:08	4°♉00'36	0°31'10	
minimum elong	-796 May 03 j 05:47	3°♉53'15	0°30'54	
max. Earth dist.	-796 May 03 j 06:58	3°♉59'42	1.32413 AU	
evening rise	-796 May 10 j 06:43	19°♉06'06		
	-796 May 15 j 16:41	0°♊		
	-796 Jun 03 j 20:55	0°♋		
evening max el	-796 Jun 08 j 18:25	5°♋14'57	26°31'12	
desc. node	-796 Jun 09 j 12:04	5°♋56'10		
retrograde	-796 Jun 22 j 18:38	12°♋29'57		
evening set	-796 Jun 29 j 08:56	10°♋39'54		
min. Earth dist.	-796 Jul 03 j 07:38	8°♋02'16	0.59901 AU	
inferior conj	-796 Jul 06 j 15:48	5°♋22'32	-4°-37'-36	
minimum elong	-796 Jul 06 j 17:29	5°♋19'09	4°37'30	
morning rise	-796 Jul 14 j 05:20	0°♋44'38		
direct	-796 Jul 16 j 16:23	0°♋22'29		
morning max el	-796 Jul 24 j 04:40	4°♋00'35	18°16'08	
asc. node	-796 Jul 27 j 06:34	7°♋28'59		
morning set	-796 Aug 09 j 03:17	29°♋18'22		
	-796 Aug 09 j 12:04	0°♌		
superior conj	-796 Aug 18 j 14:17	17°♌00'08	1°38'59	
minimum elong	-796 Aug 18 j 17:19	17°♌13'52	1°38'47	
	-796 Aug 25 j 23:06	0°♍		
max. Earth dist.	-796 Aug 26 j 03:52	0°♍20'23	1.40850 AU	
evening rise	-796 Aug 31 j 01:15	8°♍30'47		
desc. node	-796 Sep 05 j 11:26	17°♍12'10		
	-796 Sep 13 j 21:43	0°♎		
greatest brilliancy	-796 Sep 28 j 13:13	19°♎59'59	-0.2m	
evening max el	-796 Oct 04 j 05:04	26°♎22'16	23°08'23	
	-796 Oct 08 j 08:28	0°♏		
retrograde	-796 Oct 14 j 10:23	2°♏25'38		
evening set	-796 Oct 19 j 06:18	0°♏27'12		
	-796 Oct 19 j 18:43	30°♑℞♎		
asc. node	-796 Oct 23 j 05:46	25°♎59'49		
inferior conj	-796 Oct 24 j 15:36	24°♎04'31	0°29'07	
minimum elong	-796 Oct 24 j 14:55	24°♎06'52	0°28'49	
min. Earth dist.	-796 Oct 24 j 08:24	24°♎29'17	0.67612 AU	
morning rise	-796 Oct 29 j 23:34	17°♎52'20		
direct	-796 Nov 03 j 05:17	16°♎13'13		
morning max el	-796 Nov 12 j 00:25	21°♎23'14	21°31'39	
greatest brilliancy	-796 Nov 17 j 01:52	27°♎10'32	-0.4m	
	-796 Nov 19 j 06:41	0°♏		
desc. node	-796 Dec 02 j 10:42	18°♏42'39		
	-796 Dec 09 j 20:34	0°♐		
morning set	-796 Dec 13 j 10:39	5°♐37'22		
max. Earth dist.	-796 Dec 20 j 11:44	17°♐00'14	1.41950 AU	
superior conj	-796 Dec 27 j 23:08	29°♐38'53	-1°-59'-38	
minimum elong	-796 Dec 27 j 21:31	29°♐31'53	1°59'38	
	-796 Dec 28 j 04:00	0°♑		
evening rise	-795 Jan 07 j 23:58	19°♑23'37		
	-795 Jan 13 j 20:52	0°♒		
asc. node	-795 Jan 19 j 05:03	8°♒50'24		
evening max el	-795 Jan 24 j 11:43	15°♒32'43	18°09'37	
retrograde	-795 Jan 31 j 06:51	19°♒00'05		
evening set	-795 Feb 02 j 21:23	18°♒30'05		
inferior conj	-795 Feb 09 j 16:26	13°♒35'20	3°48'06	
minimum elong	-795 Feb 09 j 17:48	13°♒32'09	3°48'01	
min. Earth dist.	-795 Feb 12 j 21:46	10°♒36'23	0.60740 AU	
morning rise	-795 Feb 16 j 11:21	7°♒49'56		
direct	-795 Feb 23 j 06:11	5°♒36'58		
desc. node	-795 Feb 28 j 09:50	6°♒47'04		
morning max el	-795 Mar 09 j 11:03	13°♒24'15	27°34'52	
	-795 Mar 22 j 17:19	0°♓		
	-795 Apr 08 j 20:03	0°♈		
morning set	-795 Apr 10 j 12:06	3°♈24'08		
max. Earth dist.	-795 Apr 16 j 19:27	16°♈50'34	1.32445 AU	
asc. node	-795 Apr 17 j 04:22	17°♈39'17		
superior conj	-795 Apr 17 j 18:25	18°♈56'06	0°06'12	
minimum elong	-795 Apr 17 j 18:08	18°♈54'32	0°06'09	
behind sun begin	-795 Apr 17 j 13:28	18°♈28'57		
behind sun end	-795 Apr 17 j 22:49	19°♈20'09		
	-795 Apr 22 j 20:13	0°♉		
evening rise	-795 Apr 24 j 17:22	4°♉00'51		
	-795 May 08 j 16:15	0°♊		
evening max el	-795 May 21 j 13:23	16°♊27'35	25°18'47	
desc. node	-795 May 27 j 09:04	21°♊02'54		
retrograde	-795 Jun 04 j 14:12	23°♊37'18		
evening set	-795 Jun 10 j 03:04	22°♊25'53		
min. Earth dist.	-795 Jun 15 j 01:12	19°♊40'56	0.57883 AU	
inferior conj	-795 Jun 18 j 05:07	17°♊29'57	-4°-34'-13	
minimum elong	-795 Jun 18 j 02:38	17°♊34'16	4°34'02	
morning rise	-795 Jun 26 j 06:06	13°♊14'39		
direct	-795 Jun 28 j 18:43	12°♊55'17		
morning max el	-795 Jul 07 j 08:39	16°♊56'40	18°56'26	
asc. node	-795 Jul 14 j 03:36	25°♊33'08		
	-795 Jul 16 j 20:05	0°♋		
morning set	-795 Jul 23 j 23:03	13°♋23'41		
superior conj	-795 Aug 01 j 11:41	0°♌04'09	1°47'06	
minimum elong	-795 Aug 01 j 12:27	0°♌07'50	1°47'05	
	-795 Aug 01 j 10:49	0°♌		
max. Earth dist.	-795 Aug 08 j 06:59	12°♌41'09	1.38846 AU	
evening rise	-795 Aug 12 j 05:29	19°♌36'15		
	-795 Aug 18 j 10:59	0°♍		
desc. node	-795 Aug 23 j 08:27	7°♍43'36		
	-795 Sep 08 j 02:04	0°♎		
evening max el	-795 Sep 16 j 17:11	9°♎54'45	24°28'05	
retrograde	-795 Sep 28 j 00:40	16°♎32'02		
evening set	-795 Oct 03 j 11:05	14°♎15'21		
min. Earth dist.	-795 Oct 08 j 04:01	8°♎51'18	0.67374 AU	
inferior conj	-795 Oct 08 j 21:39	7°♎52'15	0°-25'-8	
minimum elong	-795 Oct 08 j 22:15	7°♎50'12	0°24'53	
asc. node	-795 Oct 10 j 02:47	6°♎15'47		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning rise	-795 Oct 14 j 09:47	1°♎45'45	
direct	-795 Oct 18 j 02:29	0°♎27'25	
morning max el	-795 Oct 25 j 22:14	4°♎58'38	20°17'26
greatest brilliancy	-795 Nov 01 j 14:54	13°♎03'05	-0.6m
	-795 Nov 13 j 08:01	0°♏	
desc. node	-795 Nov 19 j 07:45	9°♏06'34	
morning set	-795 Nov 22 j 08:31	13°♏46'56	
	-795 Dec 02 j 15:52	0°♐	
max. Earth dist.	-795 Dec 02 j 20:08	0°♐17'06	1.43590 AU
superior conj	-795 Dec 08 j 15:44	9°♐44'21	-1°-45'-37
minimum elong	-795 Dec 08 j 09:29	9°♐18'40	1°45'12
	-795 Dec 20 j 14:34	0°♑	
evening rise	-795 Dec 21 j 09:52	1°♑23'47	
asc. node	-794 Jan 06 j 02:04	26°♑36'57	
evening max el	-794 Jan 07 j 23:51	28°♑44'33	18°10'33
	-794 Jan 09 j 08:47	0°♒	
retrograde	-794 Jan 14 j 12:11	2°♒11'40	
evening set	-794 Jan 17 j 06:43	1°♒32'49	
	-794 Jan 19 j 17:14	30°℞♑	
inferior conj	-794 Jan 23 j 14:18	26°♑17'17	3°51'53
minimum elong	-794 Jan 23 j 13:30	26°♑19'23	3°51'51
min. Earth dist.	-794 Jan 26 j 07:10	23°♑26'33	0.62732 AU
morning rise	-794 Jan 29 j 18:17	20°♑19'12	
direct	-794 Feb 05 j 18:26	17°♑39'48	
desc. node	-794 Feb 15 j 06:53	21°♑37'29	
morning max el	-794 Feb 19 j 16:52	25°♑31'01	27°45'44
	-794 Feb 23 j 20:31	0°♒	
	-794 Mar 16 j 04:00	0°♓	
morning set	-794 Mar 25 j 13:43	17°♓46'33	
max. Earth dist.	-794 Mar 31 j 03:44	29°♓24'02	1.32855 AU
	-794 Mar 31 j 10:27	0°♈	
superior conj	-794 Apr 02 j 03:38	3°♈41'34	0°-20'-1
minimum elong	-794 Apr 02 j 04:35	3°♈46'40	0°19'50
asc. node	-794 Apr 04 j 01:24	7°♈49'29	
evening rise	-794 Apr 09 j 05:09	18°♈55'02	
	-794 Apr 14 j 16:19	0°♉	
evening max el	-794 May 03 j 04:13	27°♉09'07	23°48'00
	-794 May 06 j 11:44	0°♊	
desc. node	-794 May 14 j 06:05	3°♊46'17	
retrograde	-794 May 16 j 22:04	4°♊02'30	
evening set	-794 May 21 j 00:41	3°♊25'09	
min. Earth dist.	-794 May 27 j 15:09	0°♊17'40	0.56198 AU
	-794 May 28 j 02:55	30°℞♉	
inferior conj	-794 May 29 j 22:14	28°♉53'54	-3°-51'-52
minimum elong	-794 May 29 j 15:50	29°♉03'42	3°50'33
morning rise	-794 Jun 07 j 10:41	24°♉55'19	
direct	-794 Jun 10 j 01:37	24°♉37'46	
morning max el	-794 Jun 20 j 03:06	29°♉17'05	19°57'35
	-794 Jun 20 j 20:58	0°♊	
asc. node	-794 Jul 01 j 00:39	14°♊18'09	
morning set	-794 Jul 08 j 02:09	27°♊52'00	
	-794 Jul 09 j 03:24	0°♋	
superior conj	-794 Jul 15 j 23:20	13°♋51'46	1°46'01
minimum elong	-794 Jul 15 j 22:20	13°♋46'45	1°45'59
max. Earth dist.	-794 Jul 21 j 10:50	24°♋32'35	1.36923 AU
	-794 Jul 24 j 09:04	0°♌	
evening rise	-794 Jul 25 j 09:11	1°♌49'57	
desc. node	-794 Aug 10 j 05:28	28°♌00'26	
	-794 Aug 11 j 13:38	0°♍	
evening max el	-794 Aug 30 j 04:26	23°♍29'54	25°41'16
	-794 Sep 08 j 10:39	0°♎	
retrograde	-794 Sep 11 j 10:32	0°♎31'46	
	-794 Sep 14 j 06:03	30°℞♍	
evening set	-794 Sep 17 j 11:40	27°♍59'19	
min. Earth dist.	-794 Sep 21 j 20:22	23°♍11'20	0.66811 AU
inferior conj	-794 Sep 23 j 00:57	21°♍39'55	-1°-20'-37
minimum elong	-794 Sep 23 j 02:58	21°♍33'29	1°19'48
asc. node	-794 Sep 26 j 23:50	17°♍06'25	
morning rise	-794 Sep 28 j 18:59	15°♍41'58	
direct	-794 Oct 02 j 00:50	14°♍41'10	
morning max el	-794 Oct 09 j 03:26	18°♍42'41	19°16'51
	-794 Oct 17 j 21:52	0°♎	
greatest brilliancy	-794 Oct 19 j 12:26	2°♎22'07	-0.7m
morning set	-794 Nov 01 j 11:31	22°♎19'19	
desc. node	-794 Nov 06 j 04:48	29°♎41'28	
	-794 Nov 06 j 09:33	0°♏	
max. Earth dist.	-794 Nov 15 j 10:36	14°♏11'50	1.44642 AU
superior conj	-794 Nov 18 j 06:24	18°♏40'20	-1°-13'-30
minimum elong	-794 Nov 17 j 22:28	18°♏08'47	1°12'39
	-794 Nov 25 j 07:58	0°♐	
evening rise	-794 Dec 02 j 22:45	12°♐28'15	
	-794 Dec 13 j 15:20	0°♑	
evening max el	-794 Dec 22 j 12:09	12°♑06'25	18°30'13
asc. node	-794 Dec 23 j 23:06	13°♑28'00	
retrograde	-794 Dec 29 j 02:14	15°♑44'31	
evening set	-793 Jan 01 j 01:34	14°♑55'36	
inferior conj	-793 Jan 07 j 00:34	9°♑21'10	3°37'21
minimum elong	-793 Jan 06 j 22:22	9°♑27'36	3°37'01
min. Earth dist.	-793 Jan 09 j 02:18	6°♑56'01	0.64443 AU
morning rise	-793 Jan 12 j 17:50	3°♑15'00	
direct	-793 Jan 19 j 14:17	0°♑24'07	
morning max el	-793 Feb 02 j 01:50	8°♑11'01	27°21'08
desc. node	-793 Feb 02 j 03:57	8°♑16'19	
	-793 Feb 19 j 01:06	0°♒	
	-793 Mar 08 j 10:27	0°♓	
morning set	-793 Mar 09 j 07:06	1°♓40'26	
max. Earth dist.	-793 Mar 14 j 03:51	11°♓27'57	1.33683 AU
superior conj	-793 Mar 17 j 08:55	18°♓11'06	0°-46'-29
minimum elong	-793 Mar 17 j 11:07	18°♓22'42	0°46'04
asc. node	-793 Mar 21 j 22:26	27°♓54'25	
	-793 Mar 22 j 22:03	0°♈	
evening rise	-793 Mar 24 j 16:16	3°♈42'37	
	-793 Apr 08 j 07:23	0°♉	
evening max el	-793 Apr 14 j 21:26	7°♉47'49	22°13'18
retrograde	-793 Apr 27 j 17:23	14°♉05'06	
evening set	-793 Apr 30 j 13:56	13°♉47'06	
desc. node	-793 May 01 j 03:05	13°♉39'43	
min. Earth dist.	-793 May 09 j 04:20	10°♉05'19	0.55197 AU
inferior conj	-793 May 09 j 22:41	9°♉39'25	-2°-25'-16
minimum elong	-793 May 09 j 16:27	9°♉48'12	2°23'19
morning rise	-793 May 18 j 20:43	5°♉44'28	
direct	-793 May 21 j 17:10	5°♉26'05	
morning max el	-793 Jun 02 j 10:30	10°♉55'19	21°18'19
	-793 Jun 16 j 00:07	0°♊	
asc. node	-793 Jun 17 j 21:44	3°♊34'13	
morning set	-793 Jun 22 j 10:11	12°♊36'58	
superior conj	-793 Jun 29 j 21:03	28°♊10'45	1°37'47
minimum elong	-793 Jun 29 j 18:58	27°♊59'56	1°37'38
	-793 Jun 30 j 18:13	0°♋	
max. Earth dist.	-793 Jul 03 j 21:44	6°♋23'23	1.35276 AU
evening rise	-793 Jul 08 j 07:41	14°♋59'48	
	-793 Jul 16 j 16:00	0°♌	
desc. node	-793 Jul 28 j 02:27	17°♌56'04	
	-793 Aug 06 j 04:49	0°♍	
evening max el	-793 Aug 12 j 16:13	7°♍03'58	26°39'56
retrograde	-793 Aug 25 j 15:15	14°♍19'03	
evening set	-793 Sep 01 j 05:56	11°♍36'12	
min. Earth dist.	-793 Sep 05 j 06:59	7°♍25'56	0.65907 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

inferior conj	-793 Sep 06 j 23:36	5°♍24'35	-2°-15'-30	
minimum elong	-793 Sep 07 j 02:56	5°♍14'35	2°14'16	
	-793 Sep 12 j 10:30	30°℞♌		
morning rise	-793 Sep 13 j 01:06	29°♌38'26		
asc. node	-793 Sep 13 j 20:55	29°♌15'31		
direct	-793 Sep 15 j 22:31	28°♌51'29		
	-793 Sep 19 j 12:40	0°♍		
morning max el	-793 Sep 22 j 14:34	2°♍32'17	18°31'57	
	-793 Oct 11 j 07:26	0°♎		
morning set	-793 Oct 12 j 14:56	2°♎06'47		
desc. node	-793 Oct 24 j 01:49	20°♎23'16		
superior conj	-793 Oct 28 j 06:51	27°♎01'34	0°-27'-12	
minimum elong	-793 Oct 28 j 03:15	26°♎47'25	0°26'45	
max. Earth dist.	-793 Oct 29 j 04:44	28°♎27'42	1.44994 AU	
	-793 Oct 30 j 04:13	0°♏		
evening rise	-793 Nov 13 j 11:39	22°♏32'33		
	-793 Nov 18 j 04:38	0°♐		
evening max el	-793 Dec 05 j 22:06	25°♐32'37	19°07'23	
asc. node	-793 Dec 10 j 20:10	29°♐08'14		
retrograde	-793 Dec 12 j 21:20	29°♐31'29		
evening set	-793 Dec 16 j 02:57	28°♐30'46		
inferior conj	-793 Dec 21 j 19:46	22°♐39'48	3°09'45	
minimum elong	-793 Dec 21 j 16:57	22°♐48'42	3°09'04	
min. Earth dist.	-793 Dec 23 j 06:34	20°♐49'57	0.65786 AU	
morning rise	-793 Dec 27 j 06:04	16°♐28'22		
direct	-792 Jan 02 j 16:19	13°♐40'26		
morning max el	-792 Jan 15 j 11:21	21°♐11'34	26°26'59	
desc. node	-792 Jan 20 j 01:02	26°♐11'44		
	-792 Jan 23 j 03:36	0°♑		
	-792 Feb 12 j 05:03	0°♒		
morning set	-792 Feb 20 j 12:27	14°♒53'13		
max. Earth dist.	-792 Feb 24 j 16:52	22°♒56'58	1.34965 AU	
	-792 Feb 28 j 05:15	0°♓		
superior conj	-792 Feb 29 j 07:57	2°♓16'32	-1°-11'-55	
minimum elong	-792 Feb 29 j 11:11	2°♓33'10	1°11'24	
asc. node	-792 Mar 07 j 19:29	17°♓48'59		
evening rise	-792 Mar 08 j 00:48	18°♓16'23		
	-792 Mar 13 j 22:59	0°♈		
evening max el	-792 Mar 26 j 23:03	18°♈49'06	20°47'22	
retrograde	-792 Apr 07 j 06:16	24°♈15'34		
evening set	-792 Apr 09 j 12:00	24°♈03'37		
desc. node	-792 Apr 17 j 00:09	21°♈03'59		
inferior conj	-792 Apr 18 j 17:05	20°♈06'11	0°-29'-11	
minimum elong	-792 Apr 18 j 15:42	20°♈08'09	0°28'41	
min. Earth dist.	-792 Apr 19 j 17:39	19°♈31'06	0.55105 AU	
morning rise	-792 Apr 27 j 18:13	15°♈57'01		
direct	-792 May 01 j 04:18	15°♈31'44		
morning max el	-792 May 14 j 07:43	21°♈52'41	22°54'03	
	-792 May 21 j 08:12	0°♉		
asc. node	-792 Jun 03 j 18:48	23°♉12'44		
morning set	-792 Jun 05 j 21:06	27°♉32'15		
	-792 Jun 07 j 01:12	0°♊		
superior conj	-792 Jun 13 j 01:36	12°♊51'01	1°24'02	
minimum elong	-792 Jun 12 j 23:05	12°♊37'38	1°23'44	
max. Earth dist.	-792 Jun 15 j 18:30	18°♊33'28	1.33987 AU	
evening rise	-792 Jun 20 j 20:02	28°♊51'38		
	-792 Jun 21 j 09:57	0°♋		
	-792 Jul 08 j 19:25	0°♌		
desc. node	-792 Jul 13 j 23:27	7°♌21'35		
evening max el	-792 Jul 25 j 04:01	20°♌27'13	27°16'27	
retrograde	-792 Aug 07 j 14:21	27°♌46'48		
evening set	-792 Aug 14 j 15:15	25°♌02'09		
min. Earth dist.	-792 Aug 18 j 09:34	21°♌29'02	0.64640 AU	
inferior conj	-792 Aug 20 j 15:19	19°♌02'03	-3°-7'-25	
minimum elong	-792 Aug 20 j 19:38	18°♌50'11	3°06'05	
morning rise	-792 Aug 27 j 01:42	13°♌31'13		
direct	-792 Aug 29 j 17:08	12°♌54'38		
asc. node	-792 Aug 30 j 18:01	13°♌00'19		
morning max el	-792 Sep 05 j 05:19	16°♌23'17	18°03'58	
	-792 Sep 14 j 23:41	0°♍		
morning set	-792 Sep 22 j 22:42	13°♍17'33		
	-792 Oct 03 j 00:25	0°♎		
superior conj	-792 Oct 06 j 15:06	5°♎50'30	0°21'41	
minimum elong	-792 Oct 06 j 17:39	6°♎00'44	0°21'20	
desc. node	-792 Oct 09 j 22:50	11°♎09'00		
max. Earth dist.	-792 Oct 10 j 23:30	12°♎46'52	1.44609 AU	
	-792 Oct 21 j 23:47	0°♏		
evening rise	-792 Oct 23 j 03:17	1°♏46'16		
	-792 Nov 10 j 22:15	0°♐		
greatest brilliancy	-792 Nov 11 j 01:06	0°♐09'54	-0.6m	
evening max el	-792 Nov 18 j 03:39	9°♐00'17	20°00'20	
retrograde	-792 Nov 25 j 18:43	13°♐28'19		
asc. node	-792 Nov 26 j 17:14	13°♐23'17		
evening set	-792 Nov 29 j 08:25	12°♐13'52		
inferior conj	-792 Dec 04 j 21:02	6°♐09'20	2°32'38	
minimum elong	-792 Dec 04 j 18:16	6°♐18'36	2°31'45	
min. Earth dist.	-792 Dec 05 j 18:23	4°♐58'14	0.66744 AU	
morning rise	-792 Dec 10 j 03:31	29°♏54'38		
	-792 Dec 10 j 01:08	30°℞♏		
direct	-792 Dec 15 j 23:52	27°♏20'27		
	-792 Dec 22 j 19:17	0°♐		
morning max el	-792 Dec 27 j 20:10	4°♐22'55	25°12'00	
desc. node	-791 Jan 05 j 22:06	15°♐01'28		
	-791 Jan 16 j 12:53	0°♑		
morning set	-791 Feb 02 j 00:51	27°♑10'47		
	-791 Feb 03 j 14:15	0°♒		
max. Earth dist.	-791 Feb 05 j 18:48	4°♒02'38	1.36679 AU	
superior conj	-791 Feb 11 j 21:50	15°♒49'44	-1°-34'-32	
minimum elong	-791 Feb 12 j 01:33	16°♒08'08	1°34'06	
	-791 Feb 18 j 22:54	0°♓		
evening rise	-791 Feb 20 j 04:38	2°♓30'03		
asc. node	-791 Feb 22 j 16:32	7°♓28'25		
	-791 Mar 09 j 00:46	0°♈		
evening max el	-791 Mar 09 j 11:40	0°♈26'44	19°37'52	
retrograde	-791 Mar 19 j 01:55	5°♈02'29		
evening set	-791 Mar 21 j 05:55	4°♈49'27		
inferior conj	-791 Mar 29 j 20:01	0°♈45'20	1°23'40	
minimum elong	-791 Mar 29 j 23:21	0°♈40'02	1°22'34	
	-791 Mar 31 j 00:31	30°℞♓		
min. Earth dist.	-791 Apr 01 j 07:56	29°♓10'45	0.55945 AU	
desc. node	-791 Apr 03 j 21:13	27°♓42'02		
morning rise	-791 Apr 07 j 13:20	26°♓06'35		
direct	-791 Apr 11 j 22:48	25°♓23'21		
	-791 Apr 23 j 04:15	0°♈		
morning max el	-791 Apr 25 j 23:09	2°♈26'03	24°34'38	
	-791 May 15 j 02:58	0°♉		
morning set	-791 May 21 j 09:08	12°♉31'53		
asc. node	-791 May 21 j 15:50	13°♉07'10		
superior conj	-791 May 28 j 10:28	27°♉44'21	1°06'01	
minimum elong	-791 May 28 j 08:05	27°♉31'23	1°05'38	
	-791 May 29 j 11:32	0°♊		
max. Earth dist.	-791 May 29 j 23:49	1°♊06'15	1.33082 AU	
evening rise	-791 Jun 04 j 18:14	13°♊13'06		
	-791 Jun 13 j 13:34	0°♋		
desc. node	-791 Jun 30 j 20:30	26°♋03'47		
	-791 Jul 04 j 05:36	0°♌		
evening max el	-791 Jul 07 j 13:43	3°♌25'51	27°24'27	
retrograde	-791 Jul 21 j 07:23	10°♌45'32		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-791 Jul 28 j 12:14	8°♌11'06	
min. Earth dist.	-791 Aug 01 j 02:17	5°♌09'49	0.63009 AU
inferior conj	-791 Aug 03 j 21:17	2°♌25'30	-3°-52'-57
minimum elong	-791 Aug 04 j 01:48	2°♌14'23	3°51'56
	-791 Aug 06 j 11:15	30℞♋	
morning rise	-791 Aug 10 j 17:41	27°♋13'24	
direct	-791 Aug 13 j 05:33	26°♋44'15	
asc. node	-791 Aug 17 j 15:05	28°♋16'08	
	-791 Aug 19 j 17:07	0°♌	
morning max el	-791 Aug 19 j 20:53	0°♌09'12	17°53'45
morning set	-791 Sep 05 j 06:12	25°♌36'13	
	-791 Sep 07 j 18:03	0°♍	
superior conj	-791 Sep 16 j 23:37	15°♍52'39	1°02'00
minimum elong	-791 Sep 17 j 04:45	16°♍14'07	1°01'24
max. Earth dist.	-791 Sep 23 j 15:07	26°♍48'11	1.43542 AU
	-791 Sep 25 j 14:53	0°♎	
desc. node	-791 Sep 26 j 19:51	1°♎55'20	
evening rise	-791 Oct 02 j 09:35	10°♎39'40	
	-791 Oct 15 j 04:44	0°♏	
greatest brilliancy	-791 Oct 26 j 18:49	16°♏11'41	-0.5m
evening max el	-791 Nov 01 j 03:26	22°♏27'35	21°06'35
retrograde	-791 Nov 09 j 16:06	27°♏31'21	
evening set	-791 Nov 13 j 15:55	26°♏01'08	
asc. node	-791 Nov 13 j 14:18	26°♏04'12	
inferior conj	-791 Nov 19 j 02:04	19°♏46'30	1°48'30
minimum elong	-791 Nov 18 j 23:49	19°♏54'13	1°47'39
min. Earth dist.	-791 Nov 19 j 11:33	19°♏13'53	0.67339 AU
morning rise	-791 Nov 24 j 07:21	13°♏30'41	
direct	-791 Nov 29 j 12:20	11°♏16'23	
morning max el	-791 Dec 10 j 04:53	17°♏38'44	23°46'06
	-791 Dec 20 j 12:17	0°♐	
desc. node	-791 Dec 23 j 19:08	4°♐29'30	
	-790 Jan 09 j 14:58	0°♑	
morning set	-790 Jan 14 j 14:08	8°♑16'41	
max. Earth dist.	-790 Jan 18 j 14:14	15°♑13'43	1.38702 AU
superior conj	-790 Jan 25 j 22:48	28°♑40'26	-1°-51'-50
minimum elong	-790 Jan 26 j 01:53	28°♑55'01	1°51'39
	-790 Jan 26 j 15:37	0°♒	
evening rise	-790 Feb 04 j 01:12	16°♒16'22	
asc. node	-790 Feb 09 j 13:35	26°♒46'56	
	-790 Feb 11 j 08:45	0°♓	
evening max el	-790 Feb 20 j 10:29	12°♓40'59	18°47'55
retrograde	-790 Feb 28 j 14:01	16°♓37'42	
evening set	-790 Mar 02 j 21:43	16°♓19'43	
inferior conj	-790 Mar 10 j 17:33	11°♓58'54	2°47'07
minimum elong	-790 Mar 10 j 21:58	11°♓50'45	2°46'02
min. Earth dist.	-790 Mar 14 j 00:38	9°♓34'29	0.57524 AU
morning rise	-790 Mar 18 j 18:05	6°♓48'00	
desc. node	-790 Mar 21 j 18:16	5°♓48'59	
direct	-790 Mar 24 j 06:57	5°♓33'12	
morning max el	-790 Apr 07 j 14:51	13°♓02'45	26°05'27
	-790 Apr 20 j 22:10	0°♈	
morning set	-790 May 05 j 20:39	27°♈30'16	
	-790 May 07 j 00:58	0°♉	
asc. node	-790 May 08 j 12:52	3°♉12'25	
superior conj	-790 May 12 j 21:41	12°♉44'13	0°44'42
minimum elong	-790 May 12 j 19:51	12°♉34'12	0°44'20
max. Earth dist.	-790 May 13 j 10:43	13°♉55'35	1.32548 AU
evening rise	-790 May 19 j 23:10	27°♉54'39	
	-790 May 20 j 23:28	0°♊	
	-790 Jun 06 j 22:21	0°♋	
desc. node	-790 Jun 17 j 17:31	13°♋44'22	
evening max el	-790 Jun 19 j 18:57	15°♋48'11	26°59'59
retrograde	-790 Jul 03 j 17:39	23°♋05'59	
evening set	-790 Jul 10 j 16:39	20°♋56'01	
min. Earth dist.	-790 Jul 14 j 08:51	18°♋14'31	0.61083 AU
inferior conj	-790 Jul 17 j 14:15	15°♋27'17	-4°-26'-42
minimum elong	-790 Jul 17 j 17:32	15°♋20'09	4°26'18
morning rise	-790 Jul 24 j 21:26	10°♋36'35	
direct	-790 Jul 27 j 08:03	10°♋12'30	
morning max el	-790 Aug 03 j 10:20	13°♋42'58	18°02'15
asc. node	-790 Aug 04 j 12:06	14°♋49'29	
	-790 Aug 14 j 12:21	0°♌	
morning set	-790 Aug 19 j 07:32	8°♌46'26	
superior conj	-790 Aug 29 j 11:29	27°♌15'59	1°29'12
minimum elong	-790 Aug 29 j 15:43	27°♌34'42	1°28'49
	-790 Aug 31 j 00:52	0°♍	
max. Earth dist.	-790 Sep 06 j 01:09	10°♍14'49	1.41938 AU
evening rise	-790 Sep 12 j 00:59	20°♍00'51	
desc. node	-790 Sep 13 j 16:52	22°♍39'06	
	-790 Sep 18 j 10:20	0°♎	
	-790 Oct 09 j 15:58	0°♏	
greatest brilliancy	-790 Oct 10 j 03:33	0°♏35'28	-0.3m
evening max el	-790 Oct 14 j 21:30	5°♏55'48	22°22'25
retrograde	-790 Oct 24 j 11:42	11°♏38'03	
evening set	-790 Oct 28 j 23:40	9°♏50'25	
asc. node	-790 Oct 31 j 11:19	7°♏19'05	
inferior conj	-790 Nov 03 j 08:52	3°♏29'28	0°59'12
minimum elong	-790 Nov 03 j 07:32	3°♏34'06	0°58'39
min. Earth dist.	-790 Nov 03 j 07:39	3°♏33'41	0.67604 AU
	-790 Nov 05 j 23:49	30℞♎	
morning rise	-790 Nov 08 j 15:15	27°♎14'58	
direct	-790 Nov 13 j 05:08	25°♎23'00	
	-790 Nov 21 j 16:03	0°♏	
morning max el	-790 Nov 22 j 16:14	0°♏59'18	22°18'56
greatest brilliancy	-790 Nov 27 j 08:06	6°♏13'46	-0.3m
desc. node	-790 Dec 10 j 16:10	24°♏25'06	
	-790 Dec 14 j 10:28	0°♐	
morning set	-790 Dec 25 j 22:48	17°♐58'07	
max. Earth dist.	-790 Dec 31 j 10:54	27°♐03'56	1.40811 AU
	-789 Jan 02 j 04:23	0°♑	
superior conj	-789 Jan 08 j 05:58	10°♑36'22	-2°00'-22
minimum elong	-789 Jan 08 j 06:39	10°♑39'25	2°00'24
evening rise	-789 Jan 18 j 11:20	29°♑27'21	
	-789 Jan 18 j 18:18	0°♒	
asc. node	-789 Jan 27 j 10:37	15°♒36'55	
evening max el	-789 Feb 03 j 16:53	25°♒24'07	18°17'59
retrograde	-789 Feb 10 j 20:29	28°♒57'32	
evening set	-789 Feb 13 j 08:42	28°♒32'16	
inferior conj	-789 Feb 20 j 11:54	23°♒50'30	3°34'50
minimum elong	-789 Feb 20 j 14:39	23°♒44'36	3°34'29
min. Earth dist.	-789 Feb 23 j 21:35	20°♒56'45	0.59529 AU
morning rise	-789 Feb 27 j 17:06	18°♒15'19	
direct	-789 Mar 06 j 04:09	16°♒22'12	
desc. node	-789 Mar 08 j 15:18	16°♒38'08	
morning max el	-789 Mar 20 j 11:11	24°♒05'39	27°11'51
	-789 Mar 25 j 19:53	0°♓	
	-789 Apr 14 j 01:03	0°♈	
morning set	-789 Apr 20 j 05:52	12°♈19'52	
asc. node	-789 Apr 25 j 09:53	23°♈22'52	
superior conj	-789 Apr 27 j 09:24	27°♈42'58	0°20'49
minimum elong	-789 Apr 27 j 08:29	27°♈37'55	0°20'37
max. Earth dist.	-789 Apr 26 j 23:34	26°♈48'59	1.32375 AU
	-789 Apr 28 j 10:23	0°♉	
evening rise	-789 May 04 j 08:18	12°♉46'37	
	-789 May 13 j 03:01	0°♊	
evening max el	-789 Jun 01 j 17:51	27°♊26'18	26°03'32
desc. node	-789 Jun 04 j 14:31	29°♊56'49	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-789 Jun 04 j 16:08	0°♋	
retrograde	-789 Jun 15 j 19:18	4°♋40'03	
evening set	-789 Jun 22 j 00:02	3°♋06'21	
min. Earth dist.	-789 Jun 26 j 06:38	0°♋27'26	0.59026 AU
	-789 Jun 26 j 21:41	30°℞♊	
inferior conj	-789 Jun 29 j 14:36	27°♊57'20	-4°-40'-11
minimum elong	-789 Jun 29 j 14:41	27°♊57'11	4°40'11
morning rise	-789 Jul 07 j 08:58	23°♊29'07	
direct	-789 Jul 09 j 20:22	23°♊08'23	
morning max el	-789 Jul 17 j 18:33	26°♊55'10	18°30'37
	-789 Jul 20 j 13:46	0°♋	
asc. node	-789 Jul 22 j 09:07	2°♋24'21	
morning set	-789 Aug 02 j 21:41	22°♋34'28	
	-789 Aug 06 j 18:09	0°♌	
superior conj	-789 Aug 11 j 22:13	9°♌47'27	1°43'41
minimum elong	-789 Aug 12 j 00:16	9°♌56'57	1°43'35
max. Earth dist.	-789 Aug 19 j 05:57	22°♌58'37	1.40010 AU
	-789 Aug 23 j 08:39	0°♍	
evening rise	-789 Aug 23 j 14:39	0°♍25'06	
desc. node	-789 Aug 31 j 13:53	13°♍16'21	
	-789 Sep 11 j 20:29	0°♎	
evening max el	-789 Sep 27 j 11:17	19°♎27'05	23°42'40
retrograde	-789 Oct 08 j 04:09	25°♎45'45	
evening set	-789 Oct 13 j 06:01	23°♎39'43	
min. Earth dist.	-789 Oct 18 j 04:11	17°♎55'43	0.67550 AU
asc. node	-789 Oct 18 j 08:21	17°♎41'33	
inferior conj	-789 Oct 18 j 15:42	17°♎16'27	0°06'21
minimum elong	-789 Oct 18 j 15:33	17°♎16'59	0°06'17
transit middle	-789 Oct 18 j 15:33	17°♎16'59	0°06'17
transit begin	-789 Oct 18 j 13:03	17°♎25'31	
transit end	-789 Oct 18 j 18:03	17°♎08'26	
morning rise	-789 Oct 24 j 01:12	11°♎06'06	
direct	-789 Oct 28 j 01:11	9°♎35'56	
morning max el	-789 Nov 05 j 09:36	14°♎28'33	20°58'30
greatest brilliancy	-789 Nov 11 j 00:57	21°♎03'25	-0.5m
	-789 Nov 17 j 14:12	0°♏	
desc. node	-789 Nov 27 j 13:12	14°♏40'43	
morning set	-789 Dec 05 j 04:59	26°♏27'07	
	-789 Dec 07 j 11:12	0°♐	
max. Earth dist.	-789 Dec 13 j 14:48	9°♐51'25	1.42708 AU
superior conj	-789 Dec 20 j 14:00	21°♐25'38	-1°-55'-51
minimum elong	-789 Dec 20 j 10:24	21°♐10'20	1°55'43
	-789 Dec 25 j 13:38	0°♑	
evening rise	-788 Jan 01 j 07:19	11°♑55'55	
	-788 Jan 11 j 17:53	0°♒	
asc. node	-788 Jan 14 j 07:39	3°♒50'00	
evening max el	-788 Jan 18 j 03:50	8°♒28'15	18°07'45
retrograde	-788 Jan 24 j 18:44	11°♒53'36	
evening set	-788 Jan 27 j 11:03	11°♒19'51	
inferior conj	-788 Feb 03 j 00:50	6°♒16'14	3°52'21
minimum elong	-788 Feb 03 j 01:13	6°♒15'18	3°52'21
min. Earth dist.	-788 Feb 06 j 01:32	3°♒18'14	0.61613 AU
morning rise	-788 Feb 09 j 12:55	0°♒25'05	
	-788 Feb 10 j 03:59	30°℞♑	
direct	-788 Feb 16 j 11:30	27°♑59'03	
	-788 Feb 23 j 05:29	0°♒	
desc. node	-788 Feb 23 j 12:21	0°♒09'53	
morning max el	-788 Mar 01 j 13:41	5°♒48'20	27°44'02
	-788 Mar 19 j 18:52	0°♓	
morning set	-788 Apr 03 j 10:54	26°♓54'08	
	-788 Apr 04 j 22:55	0°♈	
max. Earth dist.	-788 Apr 09 j 10:38	9°♈33'29	1.32571 AU
superior conj	-788 Apr 10 j 20:01	12°♈34'54	0°-4'-49
minimum elong	-788 Apr 10 j 20:15	12°♈36'07	0°04'47
behind sun begin	-788 Apr 10 j 15:22	12°♈09'29	
behind sun end	-788 Apr 11 j 01:08	13°♈02'45	
asc. node	-788 Apr 11 j 06:57	13°♈34'25	
evening rise	-788 Apr 17 j 19:39	27°♈41'59	
	-788 Apr 18 j 21:57	0°♉	
	-788 May 06 j 04:20	0°♊	
evening max el	-788 May 13 j 10:42	8°♊23'47	24°41'41
desc. node	-788 May 21 j 11:32	14°♊07'17	
retrograde	-788 May 27 j 09:46	15°♊27'39	
evening set	-788 Jun 01 j 08:33	14°♊32'17	
min. Earth dist.	-788 Jun 06 j 22:18	11°♊39'16	0.57110 AU
inferior conj	-788 Jun 09 j 19:20	9°♊46'51	-4°-21'-39
minimum elong	-788 Jun 09 j 14:56	9°♊54'04	4°21'05
morning rise	-788 Jun 18 j 01:11	5°♊39'20	
direct	-788 Jun 20 j 14:47	5°♊20'48	
morning max el	-788 Jun 29 j 18:39	9°♊36'39	19°19'48
asc. node	-788 Jul 08 j 06:10	20°♊47'17	
	-788 Jul 13 j 09:01	0°♋	
morning set	-788 Jul 16 j 20:56	6°♋50'43	
superior conj	-788 Jul 25 j 02:14	23°♋11'28	1°47'37
minimum elong	-788 Jul 25 j 02:10	23°♋11'10	1°47'38
	-788 Jul 28 j 15:19	0°♌	
max. Earth dist.	-788 Jul 31 j 08:58	5°♌05'36	1.38014 AU
evening rise	-788 Aug 04 j 05:21	12°♌00'54	
	-788 Aug 15 j 01:18	0°♍	
desc. node	-788 Aug 17 j 10:53	3°♍42'26	
	-788 Sep 06 j 01:26	0°♎	
evening max el	-788 Sep 08 j 22:59	3°♎01'44	25°00'32
retrograde	-788 Sep 20 j 16:28	9°♎49'58	
evening set	-788 Sep 26 j 09:14	7°♎26'18	
min. Earth dist.	-788 Sep 30 j 22:41	2°♎17'23	0.67180 AU
inferior conj	-788 Oct 01 j 20:49	1°♎04'33	0°-48'-36
minimum elong	-788 Oct 01 j 22:01	1°♎00'36	0°48'07
	-788 Oct 02 j 16:34	30°℞♍	
asc. node	-788 Oct 04 j 05:24	28°♍05'35	
morning rise	-788 Oct 07 j 11:15	25°♍01'21	
direct	-788 Oct 10 j 23:10	23°♍50'44	
morning max el	-788 Oct 18 j 10:35	28°♍07'41	19°49'49
	-788 Oct 20 j 04:09	0°♎	
greatest brilliancy	-788 Oct 26 j 04:54	7°♎47'02	-0.6m
	-788 Nov 10 j 01:54	0°♏	
morning set	-788 Nov 13 j 01:54	4°♏37'41	
desc. node	-788 Nov 13 j 10:13	5°♏09'52	
max. Earth dist.	-788 Nov 25 j 02:35	23°♏28'35	1.44126 AU
	-788 Nov 29 j 04:15	0°♐	
superior conj	-788 Nov 29 j 19:01	0°♐59'40	-1°-34'-11
minimum elong	-788 Nov 29 j 11:24	0°♐28'49	1°33'30
evening rise	-788 Dec 13 j 08:46	23°♐33'17	
	-788 Dec 17 j 03:37	0°♑	
asc. node	-788 Dec 31 j 04:42	21°♑14'38	
evening max el	-788 Dec 31 j 16:22	21°♑45'00	18°16'39
retrograde	-787 Jan 07 j 04:20	25°♑15'20	
evening set	-787 Jan 10 j 00:51	24°♑32'12	
inferior conj	-787 Jan 16 j 04:26	19°♑08'05	3°47'35
minimum elong	-787 Jan 16 j 02:56	19°♑12'13	3°47'27
min. Earth dist.	-787 Jan 18 j 14:51	16°♑26'57	0.63506 AU
morning rise	-787 Jan 22 j 03:23	13°♑06'19	
direct	-787 Jan 29 j 02:54	10°♑20'29	
desc. node	-787 Feb 09 j 09:25	15°♑50'31	
morning max el	-787 Feb 11 j 21:08	18°♑10'06	27°39'23
	-787 Feb 21 j 20:40	0°♒	
	-787 Mar 12 j 14:43	0°♓	
morning set	-787 Mar 18 j 09:22	11°♓05'05	
max. Earth dist.	-787 Mar 23 j 16:04	21°♓56'00	1.33156 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-787 Mar 26 j 03:47	27°♓13'53	0°-31'-17
minimum elong	-787 Mar 26 j 05:16	27°♓21'50	0°30'59
	-787 Mar 27 j 10:42	0°♈	
asc. node	-787 Mar 29 j 04:01	3°♈42'48	
evening rise	-787 Apr 02 j 07:22	12°♈33'59	
	-787 Apr 11 j 05:40	0°♉	
evening max el	-787 Apr 25 j 01:37	18°♉59'53	23°07'20
retrograde	-787 May 08 j 11:47	25°♉40'16	
desc. node	-787 May 08 j 08:34	25°♉40'13	
evening set	-787 May 12 j 00:35	25°♉12'54	
min. Earth dist.	-787 May 19 j 11:16	21°♉52'42	0.55670 AU
inferior conj	-787 May 21 j 04:28	20°♉52'40	-3°-20'-17
minimum elong	-787 May 20 j 21:27	21°♉02'56	3°18'29
morning rise	-787 May 29 j 21:28	16°♉58'02	
direct	-787 Jun 01 j 14:22	16°♉40'29	
morning max el	-787 Jun 12 j 08:25	21°♉39'24	20°29'48
	-787 Jun 19 j 06:26	0°♊	
asc. node	-787 Jun 25 j 03:15	9°♊46'54	
morning set	-787 Jul 01 j 02:27	21°♊27'41	
	-787 Jul 05 j 05:56	0°♋	
superior conj	-787 Jul 08 j 18:40	7°♋14'30	1°43'17
minimum elong	-787 Jul 08 j 17:08	7°♋06'39	1°43'14
max. Earth dist.	-787 Jul 13 j 15:37	16°♋55'48	1.36180 AU
evening rise	-787 Jul 17 j 17:42	24°♋40'35	
	-787 Jul 20 j 16:00	0°♌	
desc. node	-787 Aug 04 j 07:54	23°♌51'56	
	-787 Aug 08 j 14:47	0°♍	
evening max el	-787 Aug 22 j 10:25	16°♍37'53	26°08'21
retrograde	-787 Sep 04 j 00:07	23°♍46'17	
evening set	-787 Sep 10 j 07:27	21°♍08'19	
min. Earth dist.	-787 Sep 14 j 12:46	16°♍36'35	0.66478 AU
inferior conj	-787 Sep 15 j 22:24	14°♍51'56	-1°-44'-3
minimum elong	-787 Sep 16 j 01:00	14°♍43'50	1°43'02
asc. node	-787 Sep 21 j 02:27	9°♍26'31	
morning rise	-787 Sep 21 j 19:28	8°♍58'52	
direct	-787 Sep 24 j 21:28	8°♍04'25	
morning max el	-787 Oct 01 j 18:41	11°♍55'40	18°55'46
	-787 Oct 14 j 21:18	0°♎	
morning set	-787 Oct 23 j 13:56	13°♎39'16	
desc. node	-787 Oct 31 j 07:16	25°♎48'31	
	-787 Nov 02 j 23:18	0°♏	
max. Earth dist.	-787 Nov 07 j 19:27	7°♏36'32	1.44889 AU
superior conj	-787 Nov 09 j 01:20	9°♏34'14	0°-55'00
minimum elong	-787 Nov 08 j 18:34	9°♏07'35	0°54'13
	-787 Nov 21 j 21:07	0°♐	
evening rise	-787 Nov 24 j 11:40	4°♐12'50	
	-787 Dec 10 j 22:15	0°♑	
evening max el	-787 Dec 15 j 03:53	5°♑08'52	18°43'52
asc. node	-787 Dec 18 j 01:45	7°♑37'25	
retrograde	-787 Dec 21 j 21:04	8°♑54'58	
evening set	-787 Dec 24 j 22:50	8°♑01'14	
inferior conj	-787 Dec 30 j 18:55	2°♑19'07	3°26'59
minimum elong	-787 Dec 30 j 16:22	2°♑26'52	3°26'29
min. Earth dist.	-786 Jan 01 j 14:04	0°♑08'22	0.65063 AU
	-786 Jan 01 j 16:53	30°℞♐	
morning rise	-786 Jan 05 j 08:47	26°♐10'13	
direct	-786 Jan 12 j 01:19	23°♐19'17	
	-786 Jan 24 j 05:48	0°♑	
morning max el	-786 Jan 25 j 06:53	1°♑01'14	27°01'14
desc. node	-786 Jan 27 j 06:29	3°♑05'14	
	-786 Feb 15 j 21:55	0°♒	
morning set	-786 Mar 01 j 22:09	24°♒42'59	
	-786 Mar 04 j 14:57	0°♓	
max. Earth dist.	-786 Mar 06 j 11:55	3°♓45'45	1.34172 AU
superior conj	-786 Mar 10 j 06:42	11°♓33'42	0°-57'-31
minimum elong	-786 Mar 10 j 09:23	11°♓47'43	0°57'01
asc. node	-786 Mar 16 j 01:05	23°♓43'49	
evening rise	-786 Mar 17 j 17:38	27°♓16'20	
	-786 Mar 19 j 01:17	0°♈	
evening max el	-786 Apr 06 j 21:36	29°♈44'35	21°35'03
	-786 Apr 07 j 04:05	0°♉	
retrograde	-786 Apr 19 j 03:35	5°♉42'09	
evening set	-786 Apr 21 j 15:38	5°♉27'58	
desc. node	-786 Apr 25 j 05:37	4°♉23'02	
inferior conj	-786 May 01 j 00:33	1°♉26'20	-1°-37'-52
minimum elong	-786 Apr 30 j 20:02	1°♉32'41	1°36'19
min. Earth dist.	-786 May 01 j 00:20	1°♉26'38	0.55028 AU
	-786 May 03 j 15:17	30°℞♈	
morning rise	-786 May 10 j 01:05	27°♈27'53	
direct	-786 May 13 j 01:46	27°♈07'46	
	-786 May 21 j 17:16	0°♉	
morning max el	-786 May 25 j 11:16	2°♉59'32	21°57'54
asc. node	-786 Jun 12 j 00:20	29°♉13'17	
	-786 Jun 12 j 09:46	0°♊	
morning set	-786 Jun 15 j 11:56	6°♊17'49	
superior conj	-786 Jun 22 j 19:40	21°♊43'56	1°32'34
minimum elong	-786 Jun 22 j 17:19	21°♊31'39	1°32'21
max. Earth dist.	-786 Jun 26 j 06:24	28°♊52'23	1.34669 AU
	-786 Jun 26 j 19:42	0°♋	
evening rise	-786 Jun 30 j 22:36	8°♋09'49	
	-786 Jul 13 j 05:30	0°♌	
desc. node	-786 Jul 22 j 04:56	13°♌36'32	
	-786 Aug 04 j 18:44	0°♍	
evening max el	-786 Aug 04 j 22:06	0°♍08'09	26°58'31
retrograde	-786 Aug 18 j 02:41	7°♍26'50	
evening set	-786 Aug 24 j 22:18	4°♍41'37	
min. Earth dist.	-786 Aug 28 j 20:11	0°♍47'38	0.65414 AU
	-786 Aug 29 j 12:50	30°℞♌	
inferior conj	-786 Aug 30 j 18:24	28°♌34'17	-2°-38'-2
minimum elong	-786 Aug 30 j 22:14	28°♌23'14	2°36'43
morning rise	-786 Sep 05 j 23:34	22°♌54'29	
asc. node	-786 Sep 07 j 23:31	22°♌15'47	
direct	-786 Sep 08 j 18:02	22°♌12'31	
morning max el	-786 Sep 15 j 07:45	25°♌47'14	18°17'56
	-786 Sep 18 j 21:20	0°♍	
morning set	-786 Oct 04 j 05:37	24°♍03'15	
	-786 Oct 07 j 20:58	0°♎	
desc. node	-786 Oct 18 j 04:18	16°♎32'45	
superior conj	-786 Oct 19 j 02:27	18°♎00'27	0°-6'-2
minimum elong	-786 Oct 19 j 01:39	17°♎57'20	0°05'57
behind sun begin	-786 Oct 18 j 15:14	17°♎16'04	
behind sun end	-786 Oct 19 j 12:05	18°♎38'34	
max. Earth dist.	-786 Oct 21 j 13:51	21°♎54'51	1.44919 AU
	-786 Oct 26 j 17:27	0°♏	
evening rise	-786 Nov 04 j 14:44	13°♏53'40	
	-786 Nov 14 j 23:17	0°♐	
greatest brilliancy	-786 Nov 19 j 17:17	7°♐09'42	-0.7m
evening max el	-786 Nov 28 j 12:06	18°♐36'03	19°28'04
asc. node	-786 Dec 04 j 22:47	22°♐43'22	
retrograde	-786 Dec 05 j 17:32	22°♐46'48	
evening set	-786 Dec 09 j 02:13	21°♐40'42	
inferior conj	-786 Dec 14 j 17:02	15°♐43'34	2°55'00
minimum elong	-786 Dec 14 j 14:10	15°♐52'52	2°54'12
min. Earth dist.	-786 Dec 15 j 21:58	14°♐09'46	0.66238 AU
morning rise	-786 Dec 20 j 01:20	9°♐30'12	
direct	-786 Dec 26 j 05:55	6°♐46'54	
morning max el	-785 Jan 07 j 16:17	14°♐08'23	25°56'59
desc. node	-785 Jan 14 j 03:33	21°♐26'34	
	-785 Jan 20 j 15:27	0°♑	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-785 Feb 08 j 16:04	0°♒	
morning set	-785 Feb 12 j 21:04	7°♒35'10	
max. Earth dist.	-785 Feb 16 j 19:49	15°♒02'07	1.35639 AU
superior conj	-785 Feb 22 j 02:16	25°♒27'03	-1°-22'00
minimum elong	-785 Feb 22 j 05:48	25°♒44'58	1°21'30
	-785 Feb 24 j 07:51	0°♓	
evening rise	-785 Mar 02 j 00:28	11°♓42'47	
asc. node	-785 Mar 02 j 22:08	13°♓33'01	
	-785 Mar 11 j 17:48	0°♈	
evening max el	-785 Mar 20 j 03:53	11°♈01'24	20°15'35
retrograde	-785 Mar 30 j 17:47	16°♈05'29	
evening set	-785 Apr 01 j 21:21	15°♈53'51	
inferior conj	-785 Apr 10 j 21:01	11°♈55'38	0°21'02
minimum elong	-785 Apr 10 j 21:58	11°♈54'13	0°20'41
desc. node	-785 Apr 12 j 02:40	11°♈11'40	
min. Earth dist.	-785 Apr 12 j 14:25	10°♈54'24	0.55348 AU
morning rise	-785 Apr 19 j 20:07	7°♈34'39	
direct	-785 Apr 23 j 14:59	7°♈03'21	
morning max el	-785 May 07 j 05:28	13°♈44'42	23°37'02
	-785 May 19 j 17:45	0°♉	
asc. node	-785 May 29 j 21:24	18°♉59'25	
morning set	-785 May 30 j 23:30	21°♉15'25	
	-785 Jun 04 j 01:48	0°♊	
superior conj	-785 Jun 07 j 02:18	6°♊30'47	1°16'53
minimum elong	-785 Jun 06 j 23:47	6°♊17'13	1°16'31
max. Earth dist.	-785 Jun 09 j 06:47	11°♊10'56	1.33551 AU
evening rise	-785 Jun 14 j 15:34	22°♊15'41	
	-785 Jun 18 j 14:59	0°♋	
	-785 Jul 07 j 00:26	0°♌	
desc. node	-785 Jul 09 j 01:57	2°♌45'29	
evening max el	-785 Jul 18 j 09:16	13°♌22'24	27°23'42
retrograde	-785 Jul 31 j 23:30	20°♌43'01	
evening set	-785 Aug 08 j 02:50	18°♌01'10	
min. Earth dist.	-785 Aug 11 j 18:51	14°♌42'23	0.63983 AU
inferior conj	-785 Aug 14 j 06:19	12°♌06'35	-3°-27'-49
minimum elong	-785 Aug 14 j 10:51	11°♌54'39	3°26'34
morning rise	-785 Aug 20 j 20:50	6°♌43'11	
direct	-785 Aug 23 j 10:20	6°♌10'13	
asc. node	-785 Aug 25 j 20:35	6°♌40'04	
morning max el	-785 Aug 29 j 23:09	9°♌36'39	17°57'21
	-785 Sep 12 j 15:51	0°♍	
morning set	-785 Sep 16 j 00:13	5°♍44'58	
superior conj	-785 Sep 28 j 19:49	27°♍17'25	0°40'15
minimum elong	-785 Sep 29 j 00:00	27°♍34'29	0°39'42
	-785 Sep 30 j 11:48	0°♎	
max. Earth dist.	-785 Oct 04 j 07:08	6°♎06'58	1.44232 AU
desc. node	-785 Oct 05 j 01:18	7°♎19'17	
evening rise	-785 Oct 15 j 00:17	22°♎53'22	
	-785 Oct 19 j 15:38	0°♏	
greatest brilliancy	-785 Nov 05 j 09:58	24°♏33'02	-0.5m
	-785 Nov 09 j 18:00	0°♐	
evening max el	-785 Nov 11 j 15:20	2°♐04'07	20°27'07
retrograde	-785 Nov 19 j 15:03	6°♐46'37	
asc. node	-785 Nov 21 j 19:49	6°♐18'58	
evening set	-785 Nov 23 j 08:45	5°♐25'54	
	-785 Nov 28 j 07:23	30°℞♏	
inferior conj	-785 Nov 28 j 20:09	29°♏16'53	2°14'39
minimum elong	-785 Nov 28 j 17:33	29°♏25'43	2°13'45
min. Earth dist.	-785 Nov 29 j 12:22	28°♏22'00	0.67043 AU
morning rise	-785 Dec 04 j 01:49	23°♏01'23	
direct	-785 Dec 09 j 15:48	20°♏34'49	
morning max el	-785 Dec 21 j 00:36	27°♏21'25	24°36'05
	-785 Dec 23 j 12:15	0°♐	
desc. node	-784 Jan 01 j 00:34	10°♐34'22	
	-784 Jan 14 j 07:42	0°♑	
morning set	-784 Jan 26 j 00:22	19°♑24'19	
max. Earth dist.	-784 Jan 29 j 17:42	26°♑04'03	1.37514 AU
	-784 Jan 31 j 20:55	0°♒	
superior conj	-784 Feb 05 j 11:09	8°♒43'49	-1°-42'-42
minimum elong	-784 Feb 05 j 14:47	9°♒01'25	1°42'23
evening rise	-784 Feb 14 j 01:30	25°♒45'30	
	-784 Feb 16 j 05:05	0°♓	
asc. node	-784 Feb 17 j 19:10	3°♓04'18	
evening max el	-784 Mar 01 j 21:11	22°♓55'37	19°14'11
retrograde	-784 Mar 10 j 19:11	27°♓12'20	
evening set	-784 Mar 13 j 00:40	26°♓57'30	
inferior conj	-784 Mar 21 j 07:03	22°♓47'25	2°03'25
minimum elong	-784 Mar 21 j 11:19	22°♓40'14	2°02'09
min. Earth dist.	-784 Mar 24 j 05:29	20°♓49'39	0.56549 AU
desc. node	-784 Mar 28 j 23:43	18°♓12'45	
morning rise	-784 Mar 29 j 18:00	17°♓54'41	
direct	-784 Apr 03 j 15:34	16°♓59'13	
morning max el	-784 Apr 17 j 20:03	24°♓15'04	25°15'18
	-784 Apr 23 j 01:53	0°♈	
	-784 May 11 j 10:42	0°♉	
morning set	-784 May 14 j 11:28	6°♉14'41	
asc. node	-784 May 15 j 18:27	8°♉58'53	
superior conj	-784 May 21 j 12:21	21°♉27'11	0°57'20
minimum elong	-784 May 21 j 10:09	21°♉15'11	0°56'56
max. Earth dist.	-784 May 22 j 14:53	23°♉51'39	1.32813 AU
	-784 May 25 j 11:17	0°♊	
evening rise	-784 May 28 j 16:57	6°♊46'40	
	-784 Jun 10 j 03:48	0°♋	
desc. node	-784 Jun 24 j 22:58	21°♋03'57	
evening max el	-784 Jun 29 j 17:36	26°♋07'33	27°18'15
	-784 Jul 04 j 09:36	0°♌	
retrograde	-784 Jul 13 j 13:40	3°♌25'57	
evening set	-784 Jul 20 j 17:17	1°♌00'37	
	-784 Jul 22 j 02:48	30°℞♋	
min. Earth dist.	-784 Jul 24 j 07:22	28°♋09'17	0.62214 AU
inferior conj	-784 Jul 27 j 07:11	25°♋21'58	-4°-9'-12
minimum elong	-784 Jul 27 j 11:23	25°♋12'07	4°08'25
morning rise	-784 Aug 03 j 08:02	20°♋18'20	
direct	-784 Aug 05 j 19:08	19°♋51'31	
asc. node	-784 Aug 11 j 17:38	22°♋30'24	
morning max el	-784 Aug 12 j 14:05	23°♋17'47	17°55'01
	-784 Aug 17 j 21:23	0°♌	
morning set	-784 Aug 28 j 16:02	18°♌27'50	
	-784 Sep 04 j 02:55	0°♍	
superior conj	-784 Sep 08 j 16:09	7°♍54'33	1°15'12
minimum elong	-784 Sep 08 j 21:12	8°♍16'10	1°14'39
max. Earth dist.	-784 Sep 15 j 20:52	19°♍56'40	1.42915 AU
desc. node	-784 Sep 20 j 22:18	28°♍05'10	
	-784 Sep 22 j 03:23	0°♎	
evening rise	-784 Sep 23 j 08:19	1°♎53'33	
	-784 Oct 12 j 04:51	0°♏	
greatest brilliancy	-784 Oct 19 j 14:47	9°♏54'51	-0.4m
evening max el	-784 Oct 24 j 12:47	15°♏32'45	21°37'57
retrograde	-784 Nov 02 j 11:45	20°♏52'10	
evening set	-784 Nov 06 j 16:34	19°♏14'41	
asc. node	-784 Nov 07 j 16:50	18°♏21'41	
inferior conj	-784 Nov 12 j 02:09	12°♏57'07	1°28'08
minimum elong	-784 Nov 12 j 00:15	13°♏03'41	1°27'23
min. Earth dist.	-784 Nov 12 j 07:00	12°♏40'24	0.67498 AU
morning rise	-784 Nov 17 j 07:40	6°♏41'47	
direct	-784 Nov 22 j 06:15	4°♏36'47	
morning max el	-784 Dec 02 j 09:55	10°♏39'01	23°08'40
greatest brilliancy	-784 Dec 07 j 09:01	16°♏12'47	-0.3m

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-784 Dec 17 j 21:36	0°♐15'39	
	-784 Dec 17 j 17:12	0°♐	
morning set	-783 Jan 06 j 01:53	29°♐55'01	
	-783 Jan 06 j 03:05	0°♑	
max. Earth dist.	-783 Jan 10 j 13:03	7°♑30'03	1.39618 AU
superior conj	-783 Jan 18 j 05:13	21°♑13'20	-1°-56'-45
minimum elong	-783 Jan 18 j 07:32	21°♑24'02	1°56'41
	-783 Jan 22 j 21:34	0°♒	
evening rise	-783 Jan 27 j 18:03	9°♒18'02	
asc. node	-783 Feb 03 j 16:11	22°♒11'36	
	-783 Feb 08 j 12:39	0°♓	
evening max el	-783 Feb 12 j 23:34	5°♓23'06	18°32'37
retrograde	-783 Feb 20 j 15:18	9°♓07'48	
evening set	-783 Feb 23 j 01:06	8°♓46'48	
inferior conj	-783 Mar 02 j 13:27	4°♓16'56	3°11'31
minimum elong	-783 Mar 02 j 17:22	4°♓09'13	3°10'46
min. Earth dist.	-783 Mar 05 j 23:18	1°♓37'25	0.58358 AU
	-783 Mar 08 j 07:40	30°♓℞	
morning rise	-783 Mar 10 j 05:48	28°♒54'51	
desc. node	-783 Mar 15 j 20:46	27°♒24'24	
direct	-783 Mar 16 j 05:14	27°♒24'05	
	-783 Mar 24 j 07:33	0°♓	
morning max el	-783 Mar 30 j 13:12	4°♓59'43	26°37'25
	-783 Apr 17 j 20:48	0°♈	
morning set	-783 Apr 28 j 22:12	21°♈09'48	
asc. node	-783 May 02 j 15:29	29°♈06'41	
	-783 May 03 j 01:17	0°♉	
superior conj	-783 May 05 j 23:57	6°♉26'48	0°34'48
minimum elong	-783 May 05 j 22:28	6°♉18'41	0°34'30
max. Earth dist.	-783 May 06 j 03:14	6°♉44'48	1.32437 AU
evening rise	-783 May 12 j 23:56	21°♉33'20	
	-783 May 17 j 03:47	0°♊	
	-783 Jun 04 j 13:28	0°♋	
desc. node	-783 Jun 11 j 20:00	8°♋10'27	
evening max el	-783 Jun 11 j 20:19	8°♋11'13	26°39'39
retrograde	-783 Jun 25 j 20:05	15°♋26'57	
evening set	-783 Jul 02 j 13:10	13°♋31'20	
min. Earth dist.	-783 Jul 06 j 09:41	10°♋53'25	0.60209 AU
inferior conj	-783 Jul 09 j 17:29	8°♋11'03	-4°-35'-34
minimum elong	-783 Jul 09 j 19:39	8°♋06'37	4°35'24
morning rise	-783 Jul 17 j 05:21	3°♋29'54	
direct	-783 Jul 19 j 16:17	3°♋07'16	
morning max el	-783 Jul 27 j 01:37	6°♋42'54	18°11'55
asc. node	-783 Jul 29 j 14:40	9°♋31'25	
	-783 Aug 10 j 22:47	0°♌	
morning set	-783 Aug 11 j 23:19	1°♌55'21	
superior conj	-783 Aug 21 j 14:25	19°♌48'34	1°36'47
minimum elong	-783 Aug 21 j 17:46	20°♌03'43	1°36'33
	-783 Aug 27 j 09:08	0°♍	
max. Earth dist.	-783 Aug 29 j 04:59	3°♍07'16	1.41138 AU
evening rise	-783 Sep 03 j 08:08	11°♍38'14	
desc. node	-783 Sep 07 j 19:20	18°♍46'30	
	-783 Sep 15 j 03:25	0°♎	
greatest brilliancy	-783 Oct 02 j 00:26	23°♎13'18	-0.3m
evening max el	-783 Oct 07 j 04:45	29°♎01'45	22°56'21
	-783 Oct 08 j 04:32	0°♏	
retrograde	-783 Oct 17 j 06:07	4°♏59'51	
evening set	-783 Oct 21 j 23:56	3°♏04'09	
	-783 Oct 24 j 21:48	30°♏℞	
asc. node	-783 Oct 25 j 13:52	29°♎08'32	
inferior conj	-783 Oct 27 j 09:10	26°♎41'43	0°37'10
minimum elong	-783 Oct 27 j 08:18	26°♎44'41	0°36'47
min. Earth dist.	-783 Oct 27 j 03:28	27°♎01'20	0.67620 AU
morning rise	-783 Nov 01 j 16:40	20°♎28'54	
direct	-783 Nov 06 j 00:24	18°♎46'34	
morning max el	-783 Nov 14 j 23:37	24°♎03'16	21°43'39
greatest brilliancy	-783 Nov 19 j 21:28	29°♎38'21	-0.4m
	-783 Nov 20 j 04:26	0°♏	
desc. node	-783 Dec 04 j 18:38	20°♏20'29	
	-783 Dec 11 j 03:45	0°♐	
morning set	-783 Dec 16 j 22:20	9°♐02'23	
max. Earth dist.	-783 Dec 23 j 12:55	19°♐46'18	1.41664 AU
	-783 Dec 29 j 13:52	0°♑	
superior conj	-783 Dec 31 j 03:13	2°♑42'25	-2°00'-19
minimum elong	-783 Dec 31 j 02:16	2°♑38'14	2°00'20
evening rise	-782 Jan 10 j 22:43	22°♑12'30	
	-782 Jan 15 j 05:01	0°♒	
asc. node	-782 Jan 21 j 13:12	10°♒47'17	
evening max el	-782 Jan 27 j 08:13	18°♒16'07	18°11'09
retrograde	-782 Feb 03 j 05:16	21°♒44'45	
evening set	-782 Feb 05 j 19:09	21°♒16'04	
inferior conj	-782 Feb 12 j 16:13	16°♒24'40	3°45'29
minimum elong	-782 Feb 12 j 17:57	16°♒20'43	3°45'20
min. Earth dist.	-782 Feb 15 j 22:58	13°♒26'11	0.60423 AU
morning rise	-782 Feb 19 j 13:41	10°♒41'32	
direct	-782 Feb 26 j 06:44	8°♒33'28	
desc. node	-782 Mar 02 j 17:48	9°♒26'00	
morning max el	-782 Mar 12 j 12:28	16°♒20'15	27°30'06
	-782 Mar 23 j 18:04	0°♓	
	-782 Apr 10 j 07:58	0°♈	
morning set	-782 Apr 13 j 05:58	5°♈54'39	
max. Earth dist.	-782 Apr 19 j 15:59	19°♈37'25	1.32413 AU
asc. node	-782 Apr 19 j 12:31	19°♈18'31	
superior conj	-782 Apr 20 j 11:27	21°♈23'54	0°10'06
minimum elong	-782 Apr 20 j 10:59	21°♈21'23	0°10'01
behind sun begin	-782 Apr 20 j 07:04	20°♈59'54	
behind sun end	-782 Apr 20 j 14:55	21°♈42'53	
	-782 Apr 24 j 09:52	0°♉	
evening rise	-782 Apr 27 j 10:17	6°♉28'05	
	-782 May 09 j 20:24	0°♊	
evening max el	-782 May 24 j 16:13	19°♊30'25	25°31'04
desc. node	-782 May 29 j 17:01	23°♊36'01	
retrograde	-782 Jun 07 j 17:26	26°♊41'42	
evening set	-782 Jun 13 j 10:47	25°♊24'27	
min. Earth dist.	-782 Jun 18 j 04:14	22°♊41'37	0.58173 AU
inferior conj	-782 Jun 21 j 09:46	20°♊24'55	-4°-36'-59
minimum elong	-782 Jun 21 j 07:59	20°♊28'05	4°36'55
morning rise	-782 Jun 29 j 09:03	16°♊06'28	
direct	-782 Jul 01 j 21:16	15°♊46'50	
morning max el	-782 Jul 10 j 06:51	19°♊43'57	18°49'03
asc. node	-782 Jul 16 j 11:45	27°♊28'36	
	-782 Jul 18 j 01:57	0°♋	
morning set	-782 Jul 26 j 17:45	15°♋56'30	
	-782 Aug 02 j 22:44	0°♌	
superior conj	-782 Aug 04 j 09:14	2°♌44'46	1°46'29
minimum elong	-782 Aug 04 j 10:20	2°♌49'58	1°46'29
max. Earth dist.	-782 Aug 11 j 08:15	15°♌33'03	1.39148 AU
evening rise	-782 Aug 15 j 08:36	22°♌32'56	
	-782 Aug 19 j 19:36	0°♍	
desc. node	-782 Aug 25 j 16:21	9°♍19'29	
	-782 Sep 09 j 01:32	0°♎	
evening max el	-782 Sep 19 j 17:10	12°♎33'28	24°16'28
retrograde	-782 Sep 30 j 21:04	19°♎06'27	
evening set	-782 Oct 06 j 05:12	16°♎52'29	
min. Earth dist.	-782 Oct 10 j 23:27	11°♎23'08	0.67428 AU
inferior conj	-782 Oct 11 j 15:29	10°♎29'07	0°-16'-47
minimum elong	-782 Oct 11 j 15:53	10°♎27'45	0°16'38
asc. node	-782 Oct 12 j 10:56	9°♎23'58	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning rise	-782 Oct 17 j 02:52	4°♎21'29	
direct	-782 Oct 20 j 21:22	3°♎00'12	
morning max el	-782 Oct 28 j 20:16	7°♎36'53	20°27'38
greatest brilliancy	-782 Nov 04 j 05:37	15°♎15'03	-0.5m
	-782 Nov 14 j 13:38	0°♏	
desc. node	-782 Nov 21 j 15:39	10°♏42'07	
morning set	-782 Nov 25 j 21:36	17°♏14'36	
	-782 Dec 04 j 00:18	0°♐	
max. Earth dist.	-782 Dec 05 j 19:59	2°♐55'08	1.43375 AU
superior conj	-782 Dec 11 j 23:54	12°♐59'19	-1°-48'-55
minimum elong	-782 Dec 11 j 18:18	12°♐36'07	1°48'35
	-782 Dec 21 j 23:47	0°♑	
evening rise	-782 Dec 24 j 11:23	4°♑20'18	
asc. node	-781 Jan 08 j 10:15	28°♑41'24	
	-781 Jan 09 j 12:10	0°♒	
evening max el	-781 Jan 10 j 20:10	1°♒26'27	18°09'15
retrograde	-781 Jan 17 j 08:56	4°♒52'42	
evening set	-781 Jan 20 j 02:49	4°♒15'16	
	-781 Jan 25 j 13:42	30°℞♑	
inferior conj	-781 Jan 26 j 11:56	29°♑02'54	3°52'39
minimum elong	-781 Jan 26 j 11:25	29°♑04'13	3°52'37
min. Earth dist.	-781 Jan 29 j 07:00	26°♑09'33	0.62447 AU
morning rise	-781 Feb 01 j 17:53	23°♑06'26	
direct	-781 Feb 08 j 17:58	20°♑29'54	
desc. node	-781 Feb 17 j 14:52	23°♑57'05	
morning max el	-781 Feb 22 j 17:31	28°♑21'08	27°46'28
	-781 Feb 24 j 08:03	0°♒	
	-781 Mar 17 j 12:20	0°♓	
morning set	-781 Mar 28 j 08:34	20°♓20'34	
	-781 Apr 01 j 23:59	0°♈	
max. Earth dist.	-781 Apr 03 j 01:03	2°♈13'52	1.32766 AU
superior conj	-781 Apr 04 j 21:06	6°♈11'27	0°-15'-59
minimum elong	-781 Apr 04 j 21:51	6°♈15'32	0°15'50
behind sun begin	-781 Apr 04 j 21:34	6°♈14'00	
behind sun end	-781 Apr 04 j 22:08	6°♈17'03	
asc. node	-781 Apr 06 j 09:34	9°♈29'21	
evening rise	-781 Apr 11 j 22:01	21°♈22'51	
	-781 Apr 16 j 02:53	0°♉	
	-781 May 06 j 01:02	0°♊	
evening max el	-781 May 06 j 07:25	0°♊15'28	24°02'11
desc. node	-781 May 16 j 14:04	6°♊43'27	
retrograde	-781 May 20 j 03:11	7°♊12'11	
evening set	-781 May 24 j 10:56	6°♊30'41	
min. Earth dist.	-781 May 30 j 18:41	3°♊27'14	0.56417 AU
inferior conj	-781 Jun 02 j 05:52	1°♊55'41	-4°-1'-15
minimum elong	-781 Jun 01 j 23:53	2°♊04'59	4°00'08
	-781 Jun 05 j 11:56	30°℞♉	
morning rise	-781 Jun 10 j 16:37	27°♉55'01	
direct	-781 Jun 13 j 07:07	27°♉37'18	
	-781 Jun 20 j 09:54	0°♊	
morning max el	-781 Jun 23 j 02:51	2°♊10'15	19°47'06
asc. node	-781 Jul 03 j 08:50	16°♊08'18	
morning set	-781 Jul 10 j 19:58	0°♋21'59	
	-781 Jul 10 j 15:36	0°♋	
superior conj	-781 Jul 18 j 19:05	16°♋26'46	1°46'40
minimum elong	-781 Jul 18 j 18:18	16°♋22'54	1°46'40
max. Earth dist.	-781 Jul 24 j 11:35	27°♋27'17	1.37201 AU
	-781 Jul 25 j 20:19	0°♌	
evening rise	-781 Jul 28 j 09:07	4°♌37'26	
desc. node	-781 Aug 12 j 13:23	29°♌39'06	
	-781 Aug 12 j 18:56	0°♍	
evening max el	-781 Sep 02 j 04:32	26°♍08'55	25°31'10
	-781 Sep 06 j 15:26	0°♎	
retrograde	-781 Sep 14 j 07:37	3°♎07'38	
evening set	-781 Sep 20 j 06:34	0°♎37'27	
	-781 Sep 20 j 23:09	30°℞♍	
min. Earth dist.	-781 Sep 24 j 16:31	25°♍43'52	0.66916 AU
inferior conj	-781 Sep 25 j 19:22	24°♍17'18	-1°-12'-11
minimum elong	-781 Sep 25 j 21:09	24°♍11'30	1°11'27
asc. node	-781 Sep 29 j 08:01	20°♍06'17	
morning rise	-781 Oct 01 j 12:24	18°♍17'47	
direct	-781 Oct 04 j 19:44	17°♍14'32	
morning max el	-781 Oct 12 j 00:25	21°♍19'47	19°24'52
	-781 Oct 18 j 23:44	0°♎	
greatest brilliancy	-781 Oct 21 j 09:25	3°♎26'49	-0.7m
morning set	-781 Nov 04 j 22:17	25°♎39'17	
	-781 Nov 07 j 17:17	0°♏	
desc. node	-781 Nov 08 j 12:41	1°♏15'38	
max. Earth dist.	-781 Nov 18 j 09:46	16°♏45'41	1.44529 AU
superior conj	-781 Nov 21 j 18:04	22°♏04'35	-1°-19'-28
minimum elong	-781 Nov 21 j 10:00	21°♏32'23	1°18'39
	-781 Nov 26 j 16:27	0°♐	
evening rise	-781 Dec 06 j 03:38	15°♐33'28	
	-781 Dec 14 j 20:33	0°♑	
evening max el	-781 Dec 25 j 08:40	14°♑47'26	18°26'10
asc. node	-781 Dec 26 j 07:18	15°♑41'55	
retrograde	-781 Dec 31 j 21:54	18°♑23'04	
evening set	-780 Jan 03 j 20:30	17°♑35'39	
inferior conj	-780 Jan 09 j 20:37	12°♑03'53	3°40'28
minimum elong	-780 Jan 09 j 18:34	12°♑09'46	3°40'11
min. Earth dist.	-780 Jan 12 j 00:37	9°♑34'15	0.64213 AU
morning rise	-780 Jan 15 j 15:14	5°♑58'53	
direct	-780 Jan 22 j 12:45	3°♑08'46	
desc. node	-780 Feb 04 j 11:54	10°♑21'35	
morning max el	-780 Feb 05 j 02:05	10°♑56'29	27°26'50
	-780 Feb 20 j 04:44	0°♒	
	-780 Mar 08 j 21:56	0°♓	
morning set	-780 Mar 11 j 03:21	4°♓19'00	
max. Earth dist.	-780 Mar 16 j 02:37	14°♓22'35	1.33535 AU
superior conj	-780 Mar 19 j 03:07	20°♓43'35	0°-42'-30
minimum elong	-780 Mar 19 j 05:07	20°♓54'16	0°42'06
asc. node	-780 Mar 23 j 06:38	29°♓35'17	
	-780 Mar 23 j 11:16	0°♈	
evening rise	-780 Mar 26 j 09:21	6°♈11'41	
	-780 Apr 08 j 06:27	0°♉	
evening max el	-780 Apr 16 j 23:51	10°♉52'24	22°27'04
retrograde	-780 Apr 29 j 23:54	17°♉15'59	
desc. node	-780 May 02 j 11:07	17°♉02'33	
evening set	-780 May 03 j 00:15	16°♉56'03	
min. Earth dist.	-780 May 11 j 07:42	13°♉20'23	0.55294 AU
inferior conj	-780 May 12 j 08:14	12°♉45'35	-2°-40'-55
minimum elong	-780 May 12 j 01:37	12°♉54'59	2°38'56
morning rise	-780 May 21 j 05:06	8°♉51'14	
direct	-780 May 24 j 00:32	8°♉33'09	
morning max el	-780 Jun 04 j 11:49	13°♉54'20	21°05'13
	-780 Jun 16 j 07:55	0°♊	
asc. node	-780 Jun 19 j 05:53	5°♊20'07	
morning set	-780 Jun 24 j 03:24	15°♊04'58	
	-780 Jul 01 j 07:26	0°♋	
superior conj	-780 Jul 01 j 15:31	0°♋41'43	1°39'25
minimum elong	-780 Jul 01 j 13:33	0°♋31'35	1°39'17
max. Earth dist.	-780 Jul 05 j 21:23	9°♋17'35	1.35500 AU
evening rise	-780 Jul 10 j 05:08	17°♋39'49	
	-780 Jul 17 j 01:10	0°♌	
desc. node	-780 Jul 29 j 10:25	19°♌38'48	
	-780 Aug 06 j 01:08	0°♍	
evening max el	-780 Aug 14 j 16:19	9°♍44'07	26°32'26
retrograde	-780 Aug 27 j 13:03	16°♍57'27	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-780 Sep 03	j 01:55	14°♍15'42	
min. Earth dist.	-780 Sep 07	j 04:06	9°♍59'52	0.66068 AU
inferior conj	-780 Sep 08	j 18:50	8°♍02'49	-2°-7'-19
minimum elong	-780 Sep 08	j 22:00	7°♍53'16	2°06'07
morning rise	-780 Sep 14	j 19:09	2°♍14'45	
asc. node	-780 Sep 15	j 05:05	2°♍02'00	
direct	-780 Sep 17	j 17:42	1°♍25'54	
morning max el	-780 Sep 24	j 10:48	5°♍09'01	18°37'34
	-780 Oct 11	j 14:56	0°♎	
morning set	-780 Oct 14	j 21:29	5°♎14'21	
desc. node	-780 Oct 25	j 09:42	21°♎56'37	
superior conj	-780 Oct 30	j 19:17	0°♏26'58	0°-34'-42
minimum elong	-780 Oct 30	j 14:44	0°♏09'05	0°34'07
	-780 Oct 30	j 12:26	0°♏	
max. Earth dist.	-780 Oct 31	j 03:53	1°♏00'46	1.44992 AU
evening rise	-780 Nov 15	j 20:08	25°♏46'36	
	-780 Nov 18	j 11:45	0°♐	
evening max el	-780 Dec 07	j 19:05	28°♐12'56	19°00'46
	-780 Dec 09	j 17:27	0°♑	
asc. node	-780 Dec 12	j 04:22	1°♑33'37	
retrograde	-780 Dec 14	j 16:28	2°♑08'06	
evening set	-780 Dec 17	j 21:04	1°♑09'11	
	-780 Dec 19	j 10:08	30°℞♐	
inferior conj	-780 Dec 23	j 14:39	25°♐20'22	3°14'33
minimum elong	-780 Dec 23	j 11:53	25°♐29'01	3°13'56
min. Earth dist.	-780 Dec 25	j 03:32	23°♐25'04	0.65612 AU
morning rise	-780 Dec 29	j 01:46	19°♐09'34	
direct	-779 Jan 04	j 13:48	16°♐20'37	
morning max el	-779 Jan 17	j 11:42	23°♐54'42	26°36'36
desc. node	-779 Jan 21	j 08:56	28°♐06'45	
	-779 Jan 22	j 23:20	0°♑	
	-779 Feb 12	j 13:31	0°♒	
morning set	-779 Feb 22	j 10:46	17°♒38'29	
max. Earth dist.	-779 Feb 26	j 17:30	25°♒56'59	1.34746 AU
	-779 Feb 28	j 17:57	0°♓	
superior conj	-779 Mar 03	j 03:13	4°♓52'52	-1°-8'-12
minimum elong	-779 Mar 03	j 06:19	5°♓08'55	1°07'41
asc. node	-779 Mar 10	j 03:41	19°♓31'43	
evening rise	-779 Mar 10	j 18:24	20°♓47'54	
	-779 Mar 15	j 08:22	0°♈	
evening max el	-779 Mar 29	j 23:52	21°♈48'49	20°59'13
retrograde	-779 Apr 10	j 13:09	27°♈23'31	
evening set	-779 Apr 12	j 20:06	27°♈11'12	
desc. node	-779 Apr 19	j 08:08	24°♈44'54	
inferior conj	-779 Apr 22	j 02:35	23°♈13'09	0°-47'-21
minimum elong	-779 Apr 22	j 00:21	23°♈16'20	0°46'34
min. Earth dist.	-779 Apr 22	j 20:48	22°♈47'21	0.55054 AU
morning rise	-779 May 01	j 03:54	19°♈07'31	
direct	-779 May 04	j 11:14	18°♈43'54	
morning max el	-779 May 17	j 10:21	24°♈57'16	22°39'18
	-779 May 22	j 01:48	0°♉	
asc. node	-779 Jun 06	j 02:57	24°♉55'53	
morning set	-779 Jun 08	j 14:00	29°♉59'25	
	-779 Jun 08	j 14:07	0°♊	
superior conj	-779 Jun 15	j 19:14	15°♊19'41	1°26'27
minimum elong	-779 Jun 15	j 16:44	15°♊06'29	1°26'09
max. Earth dist.	-779 Jun 18	j 16:42	21°♊24'41	1.34150 AU
	-779 Jun 22	j 22:11	0°♋	
evening rise	-779 Jun 23	j 15:41	1°♋26'21	
	-779 Jul 09	j 23:55	0°♌	
desc. node	-779 Jul 16	j 07:27	9°♌10'01	
evening max el	-779 Jul 28	j 04:07	23°♌09'41	27°12'38
	-779 Aug 07	j 10:06	0°♍	
retrograde	-779 Aug 10	j 12:58	0°♍29'06	
	-779 Aug 13	j 12:20	30°℞♌	
evening set	-779 Aug 17	j 12:45	27°♌43'52	
min. Earth dist.	-779 Aug 21	j 07:55	24°♌05'34	0.64855 AU
inferior conj	-779 Aug 23	j 11:43	21°♌41'53	-2°-59'-53
minimum elong	-779 Aug 23	j 15:56	21°♌30'09	2°58'32
morning rise	-779 Aug 29	j 20:44	16°♌08'40	
direct	-779 Sep 01	j 12:53	15°♌30'47	
asc. node	-779 Sep 02	j 02:07	15°♌32'25	
morning max el	-779 Sep 08	j 01:13	19°♌00'36	18°07'02
	-779 Sep 16	j 04:58	0°♍	
morning set	-779 Sep 26	j 01:14	16°♍13'37	
	-779 Oct 04	j 09:11	0°♎	
superior conj	-779 Oct 10	j 01:04	9°♎08'21	0°14'38
minimum elong	-779 Oct 10	j 02:51	9°♎15'27	0°14'24
behind sun begin	-779 Oct 09	j 21:50	8°♎55'25	
behind sun end	-779 Oct 10	j 07:51	9°♎35'29	
desc. node	-779 Oct 12	j 06:45	12°♎42'12	
max. Earth dist.	-779 Oct 13	j 22:46	15°♎20'45	1.44716 AU
	-779 Oct 23	j 07:22	0°♏	
evening rise	-779 Oct 26	j 14:27	5°♏06'39	
	-779 Nov 11	j 23:50	0°♐	
greatest brilliancy	-779 Nov 13	j 13:50	2°♐15'45	-0.6m
evening max el	-779 Nov 21	j 01:18	11°♐40'02	19°51'29
retrograde	-779 Nov 28	j 13:41	16°♐03'28	
asc. node	-779 Nov 29	j 01:23	16°♐02'07	
evening set	-779 Dec 02	j 02:02	14°♐51'13	
inferior conj	-779 Dec 07	j 15:09	8°♐48'22	2°38'43
minimum elong	-779 Dec 07	j 12:20	8°♐57'43	2°37'51
min. Earth dist.	-779 Dec 08	j 14:23	7°♐31'27	0.66626 AU
morning rise	-779 Dec 12	j 22:01	2°♐33'54	
	-779 Dec 18	j 00:44	30°℞♏	
direct	-779 Dec 18	j 20:30	29°♏57'13	
	-779 Dec 19	j 16:38	0°♐	
morning max el	-779 Dec 30	j 20:43	7°♐05'06	25°24'04
desc. node	-778 Jan 08	j 05:58	16°♐49'11	
	-778 Jan 17	j 17:50	0°♑	
morning set	-778 Feb 05	j 02:03	0°♒05'15	
	-778 Feb 05	j 00:53	0°♒	
max. Earth dist.	-778 Feb 08	j 20:54	7°♒04'28	1.36395 AU
superior conj	-778 Feb 14	j 18:38	18°♒31'09	-1°-31'-23
minimum elong	-778 Feb 14	j 22:21	18°♒49'36	1°30'57
	-778 Feb 20	j 11:02	0°♓	
evening rise	-778 Feb 22	j 23:03	5°♓04'49	
asc. node	-778 Feb 25	j 00:43	9°♓13'42	
	-778 Mar 09	j 09:50	0°♈	
evening max el	-778 Mar 12	j 10:47	3°♈20'38	19°47'03
retrograde	-778 Mar 22	j 07:10	8°♈03'39	
evening set	-778 Mar 24	j 10:44	7°♈51'10	
inferior conj	-778 Apr 02	j 03:28	3°♈48'54	1°08'03
minimum elong	-778 Apr 02	j 06:17	3°♈44'30	1°07'05
min. Earth dist.	-778 Apr 04	j 11:01	2°♈22'46	0.55758 AU
desc. node	-778 Apr 06	j 05:10	1°♈21'03	
	-778 Apr 08	j 21:59	30°℞♓	
morning rise	-778 Apr 10	j 22:35	29°♓14'54	
direct	-778 Apr 15	j 03:57	28°♓35'17	
	-778 Apr 21	j 07:09	0°♈	
morning max el	-778 Apr 29	j 02:22	5°♈33'05	24°19'57
	-778 May 16	j 12:03	0°♉	
asc. node	-778 May 23	j 23:59	14°♉48'21	
morning set	-778 May 24	j 01:57	14°♉58'42	
superior conj	-778 May 31	j 03:34	0°♊11'34	1°09'01
minimum elong	-778 May 31	j 01:08	29°♉58'22	1°08'37
	-778 May 31	j 01:26	0°♊	
max. Earth dist.	-778 Jun 01	j 20:45	3°♊53'35	1.33188 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening rise	-778 Jun 07 j 12:36	15°♊43'58	
	-778 Jun 14 j 22:59	0°♋	
desc. node	-778 Jul 03 j 04:28	27°♋59'46	
	-778 Jul 04 j 19:52	0°♌	
evening max el	-778 Jul 10 j 14:09	6°♌12'20	27°25'14
retrograde	-778 Jul 24 j 07:04	13°♌32'36	
evening set	-778 Jul 31 j 11:48	10°♌55'41	
min. Earth dist.	-778 Aug 04 j 02:09	7°♌50'14	0.63273 AU
inferior conj	-778 Aug 06 j 19:18	5°♌07'36	-3°-46'-42
minimum elong	-778 Aug 06 j 23:52	4°♌56'10	3°45'37
	-778 Aug 13 j 07:01	30°℞♋	
morning rise	-778 Aug 13 j 14:10	29°♋52'35	
direct	-778 Aug 16 j 02:21	29°♋22'34	
	-778 Aug 18 j 20:55	0°♌	
asc. node	-778 Aug 19 j 23:09	0°♌34'53	
morning max el	-778 Aug 22 j 16:50	2°♌47'39	17°54'06
morning set	-778 Sep 08 j 05:34	28°♌23'07	
	-778 Sep 09 j 03:40	0°♍	
superior conj	-778 Sep 20 j 05:30	18°♍58'29	0°56'43
minimum elong	-778 Sep 20 j 10:31	19°♍19'18	0°56'05
max. Earth dist.	-778 Sep 26 j 14:43	29°♍24'46	1.43739 AU
	-778 Sep 26 j 23:29	0°♎	
desc. node	-778 Sep 29 j 03:47	3°♎28'48	
evening rise	-778 Oct 05 j 20:59	14°♎00'08	
	-778 Oct 16 j 09:58	0°♏	
greatest brilliancy	-778 Oct 29 j 12:36	18°♏34'42	-0.5m
evening max el	-778 Nov 04 j 01:58	25°♏07'34	20°56'00
	-778 Nov 11 j 09:53	0°♐	
retrograde	-778 Nov 12 j 11:12	0°♐05'52	
	-778 Nov 13 j 11:59	30°℞♏	
asc. node	-778 Nov 15 j 22:23	28°♏57'38	
evening set	-778 Nov 16 j 09:20	28°♏38'15	
inferior conj	-778 Nov 21 j 19:45	22°♏24'54	1°55'34
minimum elong	-778 Nov 21 j 17:24	22°♏32'58	1°54'42
min. Earth dist.	-778 Nov 22 j 06:58	21°♏46'30	0.67272 AU
morning rise	-778 Nov 27 j 01:03	16°♏08'59	
direct	-778 Dec 02 j 08:22	13°♏51'24	
morning max el	-778 Dec 13 j 05:17	20°♏20'33	23°59'09
	-778 Dec 21 j 11:46	0°♐	
desc. node	-778 Dec 26 j 03:01	6°♐12'29	
	-777 Jan 10 j 23:05	0°♑	
morning set	-777 Jan 17 j 19:12	11°♑23'10	
max. Earth dist.	-777 Jan 21 j 16:39	18°♑11'53	1.38387 AU
	-777 Jan 28 j 02:59	0°♒	
superior conj	-777 Jan 28 j 21:48	1°♒29'03	-1°-49'-42
minimum elong	-777 Jan 29 j 01:05	1°♒44'40	1°49'29
evening rise	-777 Feb 06 j 20:53	18°♒55'39	
asc. node	-777 Feb 11 j 21:44	28°♒35'41	
	-777 Feb 12 j 16:06	0°♓	
evening max el	-777 Feb 23 j 08:17	15°♓29'57	18°54'07
retrograde	-777 Mar 03 j 16:18	19°♓31'21	
evening set	-777 Mar 05 j 23:21	19°♓14'17	
inferior conj	-777 Mar 13 j 21:54	14°♓56'33	2°36'44
minimum elong	-777 Mar 14 j 02:23	14°♓48'29	2°35'36
min. Earth dist.	-777 Mar 17 j 03:22	12°♓38'22	0.57253 AU
morning rise	-777 Mar 22 j 01:16	9°♓50'04	
desc. node	-777 Mar 24 j 02:11	9°♓07'37	
direct	-777 Mar 27 j 10:16	8°♓40'31	
morning max el	-777 Apr 10 j 17:38	16°♓07'15	25°53'06
	-777 Apr 21 j 23:50	0°♈	
morning set	-777 May 08 j 13:37	29°♈57'09	
	-777 May 08 j 14:09	0°♉	
asc. node	-777 May 10 j 21:02	4°♉52'10	
superior conj	-777 May 15 j 14:31	15°♉10'31	0°48'07
minimum elong	-777 May 15 j 12:35	14°♉59'55	0°47'45
max. Earth dist.	-777 May 16 j 06:57	16°♉40'23	1.32605 AU
evening rise	-777 May 22 j 16:41	0°♊22'46	
	-777 May 22 j 12:17	0°♊	
	-777 Jun 08 j 01:05	0°♋	
desc. node	-777 Jun 20 j 01:28	15°♋50'39	
evening max el	-777 Jun 22 j 20:14	18°♋40'29	27°05'46
retrograde	-777 Jul 06 j 18:26	25°♋58'35	
evening set	-777 Jul 13 j 18:57	23°♋44'13	
min. Earth dist.	-777 Jul 17 j 10:18	21°♋00'35	0.61383 AU
inferior conj	-777 Jul 20 j 14:24	18°♋12'44	-4°-22'-43
minimum elong	-777 Jul 20 j 17:59	18°♋04'47	4°22'14
morning rise	-777 Jul 27 j 19:56	13°♋18'33	
direct	-777 Jul 30 j 06:32	12°♋53'52	
morning max el	-777 Aug 06 j 06:43	16°♋23'04	17°59'43
asc. node	-777 Aug 06 j 20:13	16°♋56'58	
	-777 Aug 15 j 20:21	0°♌	
morning set	-777 Aug 22 j 04:32	11°♌26'04	
	-777 Sep 01 j 11:12	0°♍	
superior conj	-777 Sep 01 j 13:23	0°♍09'30	1°25'56
minimum elong	-777 Sep 01 j 17:53	0°♍29'14	1°25'31
max. Earth dist.	-777 Sep 09 j 01:32	12°♍56'43	1.42201 AU
evening rise	-777 Sep 15 j 09:53	23°♍13'58	
desc. node	-777 Sep 16 j 00:48	24°♍13'01	
	-777 Sep 19 j 17:39	0°♎	
	-777 Oct 10 j 13:17	0°♏	
greatest brilliancy	-777 Oct 13 j 03:24	3°♏15'38	-0.3m
evening max el	-777 Oct 17 j 20:53	8°♏35'46	22°10'47
retrograde	-777 Oct 27 j 07:08	14°♏12'09	
evening set	-777 Oct 31 j 17:09	12°♏27'16	
asc. node	-777 Nov 02 j 19:25	10°♏24'07	
inferior conj	-777 Nov 06 j 02:25	6°♏07'09	1°07'00
minimum elong	-777 Nov 06 j 00:55	6°♏12'19	1°06'22
min. Earth dist.	-777 Nov 06 j 02:46	6°♏05'54	0.67584 AU
morning rise	-777 Nov 11 j 08:30	29°♎52'18	
	-777 Nov 11 j 04:52	30°℞♎	
direct	-777 Nov 16 j 00:38	27°♎56'49	
	-777 Nov 21 j 10:29	0°♏	
morning max el	-777 Nov 25 j 15:56	3°♏39'53	22°31'40
greatest brilliancy	-777 Nov 30 j 07:18	8°♏52'09	-0.3m
desc. node	-777 Dec 13 j 00:03	26°♏04'32	
	-777 Dec 15 j 16:09	0°♐	
morning set	-777 Dec 29 j 08:17	21°♐17'17	
max. Earth dist.	-776 Jan 03 j 12:39	29°♐54'38	1.40507 AU
	-776 Jan 03 j 13:55	0°♑	
superior conj	-776 Jan 11 j 08:00	13°♑34'11	-1°-59'-50
minimum elong	-776 Jan 11 j 09:11	13°♑39'31	1°59'50
	-776 Jan 20 j 04:45	0°♒	
evening rise	-776 Jan 21 j 08:48	2°♒12'21	
asc. node	-776 Jan 29 j 18:46	17°♒30'19	
evening max el	-776 Feb 06 j 13:46	28°♒09'23	18°21'09
	-776 Feb 08 j 18:49	0°♓	
retrograde	-776 Feb 13 j 20:05	1°♓45'02	
evening set	-776 Feb 16 j 07:44	1°♓20'53	
	-776 Feb 19 j 04:08	30°℞♒	
inferior conj	-776 Feb 23 j 13:13	26°♒42'17	3°29'42
minimum elong	-776 Feb 23 j 16:18	26°♒35'48	3°29'14
min. Earth dist.	-776 Feb 26 j 23:23	23°♒51'26	0.59224 AU
morning rise	-776 Mar 01 j 21:17	21°♒10'18	
direct	-776 Mar 08 j 05:44	19°♒22'51	
desc. node	-776 Mar 09 j 23:13	19°♒30'39	
morning max el	-776 Mar 22 j 12:59	27°♒04'23	27°03'55
	-776 Mar 25 j 08:16	0°♓	
	-776 Apr 14 j 10:59	0°♈	
morning set	-776 Apr 21 j 23:18	14°♈48'05	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

asc. node	-776 Apr 26 j 18:06	25°♈01'52	
superior conj	-776 Apr 29 j 02:17	0°♉09'29	0°24'33
minimum elong	-776 Apr 29 j 01:13	0°♉03'34	0°24'21
max. Earth dist.	-776 Apr 28 j 19:47	29°♈33'43	1.32381 AU
	-776 Apr 29 j 00:34	0°♉	
evening rise	-776 May 06 j 01:21	15°♉13'29	
	-776 May 13 j 12:09	0°♊	
	-776 Jun 03 j 09:41	0°♋	
evening max el	-776 Jun 03 j 20:17	0°♋25'34	26°13'50
desc. node	-776 Jun 05 j 22:29	2°♋18'15	
retrograde	-776 Jun 17 j 21:23	7°♋39'42	
evening set	-776 Jun 24 j 05:43	6°♋00'15	
min. Earth dist.	-776 Jun 28 j 09:15	3°♋22'07	0.59330 AU
inferior conj	-776 Jul 01 j 17:30	0°♋48'16	-4°-39'-58
minimum elong	-776 Jul 01 j 18:11	0°♋46'56	4°39'58
	-776 Jul 02 j 18:46	30°℞♊	
morning rise	-776 Jul 09 j 10:09	26°♊16'37	
direct	-776 Jul 11 j 21:25	25°♊55'24	
morning max el	-776 Jul 19 j 15:55	29°♊38'56	18°25'05
	-776 Jul 20 j 00:36	0°♋	
asc. node	-776 Jul 23 j 17:18	4°♋23'37	
morning set	-776 Aug 04 j 17:07	25°♋09'29	
	-776 Aug 07 j 05:43	0°♌	
superior conj	-776 Aug 13 j 21:07	12°♌31'55	1°42'12
minimum elong	-776 Aug 13 j 23:31	12°♌42'57	1°42'06
max. Earth dist.	-776 Aug 21 j 07:17	25°♌48'07	1.40308 AU
	-776 Aug 23 j 18:15	0°♍	
evening rise	-776 Aug 25 j 19:54	3°♍27'53	
desc. node	-776 Sep 01 j 21:50	14°♍51'31	
	-776 Sep 12 j 00:26	0°♎	
evening max el	-776 Sep 29 j 11:15	22°♎06'39	23°30'42
retrograde	-776 Oct 10 j 00:05	28°♎19'55	
evening set	-776 Oct 14 j 23:50	26°♎16'34	
asc. node	-776 Oct 19 j 16:28	20°♎51'14	
inferior conj	-776 Oct 20 j 09:22	19°♎53'30	0°14'35
minimum elong	-776 Oct 20 j 09:01	19°♎54'41	0°14'25
transit middle	-776 Oct 20 j 09:01	19°♎54'41	0°14'25
transit begin	-776 Oct 20 j 07:45	19°♎59'02	
transit end	-776 Oct 20 j 10:17	19°♎50'21	
min. Earth dist.	-776 Oct 19 j 23:23	20°♎27'40	0.67579 AU
morning rise	-776 Oct 25 j 18:17	13°♎42'28	
direct	-776 Oct 29 j 20:17	12°♎09'09	
morning max el	-776 Nov 07 j 08:15	17°♎07'33	21°09'52
greatest brilliancy	-776 Nov 12 j 18:09	23°♎23'39	-0.5m
	-776 Nov 17 j 16:42	0°♏	
desc. node	-776 Nov 28 j 21:07	16°♏17'29	
morning set	-776 Dec 07 j 17:44	29°♏54'35	
	-776 Dec 07 j 19:07	0°♐	
max. Earth dist.	-776 Dec 15 j 15:37	12°♐34'35	1.42454 AU
superior conj	-776 Dec 22 j 19:50	24°♐34'04	-1°-57'-34
minimum elong	-776 Dec 22 j 16:57	24°♐21'45	1°57'29
	-776 Dec 25 j 23:25	0°♑	
evening rise	-775 Jan 03 j 07:12	14°♑47'47	
	-775 Jan 11 j 22:12	0°♒	
asc. node	-775 Jan 15 j 15:48	5°♒49'25	
evening max el	-775 Jan 20 j 00:15	11°♒10'41	18°07'59
retrograde	-775 Jan 26 j 16:22	14°♒36'24	
evening set	-775 Jan 29 j 08:05	14°♒03'56	
inferior conj	-775 Feb 04 j 23:38	9°♒03'20	3°51'18
minimum elong	-775 Feb 05 j 00:21	9°♒01'35	3°51'15
min. Earth dist.	-775 Feb 08 j 02:04	6°♒04'35	0.61314 AU
morning rise	-775 Feb 11 j 14:03	3°♒14'05	
direct	-775 Feb 18 j 11:32	0°♒52'26	
desc. node	-775 Feb 24 j 20:17	2°♒39'30	
morning max el	-775 Mar 04 j 14:40	8°♒40'53	27°41'36
	-775 Mar 20 j 23:55	0°♓	
morning set	-775 Apr 06 j 05:08	29°♓25'03	
	-775 Apr 06 j 11:56	0°♈	
max. Earth dist.	-775 Apr 12 j 07:30	12°♈20'48	1.32520 AU
superior conj	-775 Apr 13 j 13:13	15°♈02'38	0°00'-51
minimum elong	-775 Apr 13 j 13:15	15°♈02'49	0°00'51
behind sun begin	-775 Apr 13 j 08:11	14°♈35'10	
behind sun end	-775 Apr 13 j 18:19	15°♈30'29	
asc. node	-775 Apr 13 j 15:10	15°♈13'20	
	-775 Apr 20 j 10:53	0°♉	
evening rise	-775 Apr 20 j 12:32	0°♉08'44	
	-775 May 07 j 01:57	0°♊	
evening max el	-775 May 16 j 13:49	11°♊27'53	24°54'58
desc. node	-775 May 23 j 19:31	16°♊49'30	
retrograde	-775 May 30 j 13:37	18°♊33'56	
evening set	-775 Jun 04 j 17:31	17°♊33'06	
min. Earth dist.	-775 Jun 10 j 01:27	14°♊43'16	0.57371 AU
inferior conj	-775 Jun 13 j 01:16	12°♊44'03	-4°-27'-7
minimum elong	-775 Jun 12 j 21:31	12°♊50'18	4°26'42
morning rise	-775 Jun 21 j 05:24	8°♊33'58	
direct	-775 Jun 23 j 18:42	8°♊15'08	
morning max el	-775 Jul 02 j 17:26	12°♊25'33	19°11'13
asc. node	-775 Jul 10 j 14:24	22°♊40'04	
	-775 Jul 14 j 18:52	0°♋	
morning set	-775 Jul 19 j 15:15	9°♋22'10	
superior conj	-775 Jul 27 j 22:58	25°♋49'18	1°47'36
minimum elong	-775 Jul 27 j 23:11	25°♋50'23	1°47'37
	-775 Jul 30 j 03:13	0°♌	
max. Earth dist.	-775 Aug 03 j 10:26	8°♌00'14	1.38303 AU
evening rise	-775 Aug 07 j 07:02	14°♌53'11	
	-775 Aug 16 j 08:51	0°♍	
desc. node	-775 Aug 19 j 18:51	5°♍19'35	
	-775 Sep 06 j 18:08	0°♎	
evening max el	-775 Sep 11 j 23:05	5°♎40'27	24°49'19
retrograde	-775 Sep 23 j 13:05	12°♎24'55	
evening set	-775 Sep 29 j 03:40	10°♎03'34	
min. Earth dist.	-775 Oct 03 j 18:18	4°♎49'24	0.67259 AU
inferior conj	-775 Oct 04 j 14:51	3°♎41'18	0°-40'-12
minimum elong	-775 Oct 04 j 15:51	3°♎38'01	0°39'47
asc. node	-775 Oct 06 j 13:33	1°♎10'55	
	-775 Oct 07 j 13:46	30°℞♍	
morning rise	-775 Oct 10 j 04:28	27°♍36'57	
direct	-775 Oct 13 j 18:01	26°♍23'43	
	-775 Oct 20 j 13:42	0°♎	
morning max el	-775 Oct 21 j 08:11	0°♎45'19	19°59'09
greatest brilliancy	-775 Oct 28 j 16:32	9°♎47'26	-0.6m
	-775 Nov 11 j 08:46	0°♏	
desc. node	-775 Nov 15 j 18:09	6°♏44'38	
morning set	-775 Nov 16 j 14:25	8°♏02'54	
max. Earth dist.	-775 Nov 28 j 02:22	26°♏05'07	1.43951 AU
	-775 Nov 30 j 12:58	0°♐	
superior conj	-775 Dec 03 j 04:51	4°♐18'32	-1°-38'-38
minimum elong	-775 Dec 02 j 21:37	3°♐49'08	1°38'04
evening rise	-775 Dec 16 j 11:40	26°♐33'04	
	-775 Dec 18 j 11:55	0°♑	
asc. node	-774 Jan 02 j 12:50	23°♑22'03	
evening max el	-774 Jan 03 j 12:42	24°♑25'46	18°14'10
retrograde	-774 Jan 10 j 00:37	27°♑54'49	
evening set	-774 Jan 12 j 20:26	27°♑13'12	
inferior conj	-774 Jan 19 j 01:20	21°♑51'59	3°49'27
minimum elong	-774 Jan 19 j 00:04	21°♑55'25	3°49'21
min. Earth dist.	-774 Jan 21 j 14:01	19°♑07'12	0.63237 AU
morning rise	-774 Jan 25 j 01:57	15°♑51'22	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

direct	-774 Feb 01 j 01:49	13°♉07'34	
desc. node	-774 Feb 11 j 17:20	18°♉03'06	
morning max el	-774 Feb 14 j 21:42	20°♉58'00	27°42'25
	-774 Feb 22 j 18:19	0°♒	
	-774 Mar 14 j 00:45	0°♓	
morning set	-774 Mar 21 j 04:49	13°♓40'37	
max. Earth dist.	-774 Mar 26 j 14:07	24°♓48'08	1.33041 AU
superior conj	-774 Mar 28 j 21:34	29°♓44'21	0°-27'-14
minimum elong	-774 Mar 28 j 22:51	29°♓51'17	0°26'59
	-774 Mar 29 j 00:28	0°♈	
asc. node	-774 Mar 31 j 12:12	5°♈22'29	
evening rise	-774 Apr 05 j 00:21	15°♈01'59	
	-774 Apr 12 j 13:22	0°♉	
evening max el	-774 Apr 28 j 04:34	22°♉05'26	23°21'33
desc. node	-774 May 10 j 16:33	28°♉48'26	
retrograde	-774 May 11 j 17:44	28°♉50'56	
evening set	-774 May 15 j 11:16	28°♉20'21	
min. Earth dist.	-774 May 22 j 14:42	25°♉04'52	0.55840 AU
inferior conj	-774 May 24 j 13:08	23°♉56'17	-3°-32'-33
minimum elong	-774 May 24 j 06:13	24°♉06'32	3°30'54
morning rise	-774 Jun 02 j 04:35	20°♉00'39	
direct	-774 Jun 04 j 20:43	19°♉43'11	
morning max el	-774 Jun 15 j 08:55	24°♉34'52	20°18'08
	-774 Jun 20 j 04:12	0°♊	
asc. node	-774 Jun 27 j 11:28	11°♊34'43	
morning set	-774 Jul 03 j 19:59	23°♊56'19	
	-774 Jul 06 j 18:57	0°♋	
superior conj	-774 Jul 11 j 13:50	9°♋47'19	1°44'24
minimum elong	-774 Jul 11 j 12:28	9°♋40'25	1°44'21
max. Earth dist.	-774 Jul 16 j 15:58	19°♋50'12	1.36434 AU
evening rise	-774 Jul 20 j 16:29	27°♋24'04	
	-774 Jul 22 j 02:44	0°♌	
desc. node	-774 Aug 06 j 15:53	25°♌31'52	
	-774 Aug 09 j 17:39	0°♍	
evening max el	-774 Aug 25 j 10:22	19°♍16'05	25°59'09
retrograde	-774 Sep 06 j 21:33	26°♍22'33	
evening set	-774 Sep 13 j 02:45	23°♍46'19	
min. Earth dist.	-774 Sep 17 j 09:13	19°♍08'54	0.66605 AU
inferior conj	-774 Sep 18 j 17:06	17°♍28'43	-1°-35'-44
minimum elong	-774 Sep 18 j 19:29	17°♍21'12	1°34'46
asc. node	-774 Sep 23 j 10:38	12°♍20'05	
morning rise	-774 Sep 24 j 13:05	11°♍33'57	
direct	-774 Sep 27 j 16:21	10°♍37'25	
morning max el	-774 Oct 04 j 15:20	14°♍32'02	19°02'45
	-774 Oct 16 j 02:49	0°♎	
morning set	-774 Oct 26 j 22:55	16°♎53'06	
desc. node	-774 Nov 02 j 15:10	27°♎21'49	
	-774 Nov 04 j 07:30	0°♏	
max. Earth dist.	-774 Nov 10 j 18:19	10°♏08'11	1.44817 AU
superior conj	-774 Nov 12 j 13:42	12°♏59'16	-1°-1'-50
minimum elong	-774 Nov 12 j 06:23	12°♏30'22	1°00'59
	-774 Nov 23 j 05:27	0°♐	
evening rise	-774 Nov 27 j 18:03	7°♐21'01	
	-774 Dec 11 j 22:09	0°♑	
evening max el	-774 Dec 18 j 00:29	7°♑48'34	18°38'47
asc. node	-774 Dec 20 j 09:53	9°♑54'58	
retrograde	-774 Dec 24 j 16:29	11°♑31'49	
evening set	-774 Dec 27 j 17:21	10°♑39'50	
inferior conj	-773 Jan 02 j 14:23	5°♑00'21	3°30'53
minimum elong	-773 Jan 02 j 11:57	5°♑07'40	3°30'28
min. Earth dist.	-773 Jan 04 j 11:51	2°♑44'19	0.64849 AU
	-773 Jan 06 j 23:58	30°℞♐	
morning rise	-773 Jan 08 j 05:21	28°♐52'18	
direct	-773 Jan 14 j 23:21	26°♐01'02	
	-773 Jan 24 j 02:48	0°♑	
morning max el	-773 Jan 28 j 07:13	3°♑45'16	27°08'50
desc. node	-773 Jan 29 j 14:22	5°♑05'17	
	-773 Feb 17 j 04:14	0°♒	
morning set	-773 Mar 04 j 19:15	27°♒24'09	
	-773 Mar 06 j 03:10	0°♓	
max. Earth dist.	-773 Mar 09 j 11:28	6°♓42'35	1.33988 AU
superior conj	-773 Mar 13 j 01:18	14°♓07'23	0°-53'-35
minimum elong	-773 Mar 13 j 03:49	14°♓20'35	0°53'08
asc. node	-773 Mar 18 j 09:13	25°♓24'43	
evening rise	-773 Mar 20 j 10:54	29°♓45'59	
	-773 Mar 20 j 13:36	0°♈	
	-773 Apr 07 j 08:07	0°♉	
evening max el	-773 Apr 09 j 23:25	2°♉47'15	21°48'14
retrograde	-773 Apr 22 j 10:40	8°♉52'08	
evening set	-773 Apr 25 j 01:18	8°♉36'52	
desc. node	-773 Apr 27 j 13:35	7°♉55'31	
inferior conj	-773 May 04 j 10:28	4°♉33'24	-1°-55'-16
minimum elong	-773 May 04 j 05:15	4°♉40'44	1°53'32
min. Earth dist.	-773 May 04 j 03:50	4°♉42'44	0.55067 AU
morning rise	-773 May 13 j 10:16	0°♉36'32	
direct	-773 May 16 j 09:14	0°♉17'12	
morning max el	-773 May 28 j 13:20	6°♉01'11	21°43'44
	-773 Jun 13 j 20:44	0°♊	
asc. node	-773 Jun 14 j 08:31	0°♊57'17	
morning set	-773 Jun 18 j 04:58	8°♊44'27	
superior conj	-773 Jun 25 j 13:43	24°♊13'06	1°34'33
minimum elong	-773 Jun 25 j 11:27	24°♊01'17	1°34'20
	-773 Jun 28 j 08:50	0°♋	
max. Earth dist.	-773 Jun 29 j 05:12	1°♋43'36	1.34874 AU
evening rise	-773 Jul 03 j 19:12	10°♋46'36	
	-773 Jul 14 j 13:25	0°♌	
desc. node	-773 Jul 24 j 12:55	15°♌20'38	
	-773 Aug 05 j 04:18	0°♍	
evening max el	-773 Aug 07 j 22:06	2°♍47'54	26°52'30
retrograde	-773 Aug 21 j 00:56	10°♍05'39	
evening set	-773 Aug 27 j 18:52	7°♍21'06	
min. Earth dist.	-773 Aug 31 j 17:49	3°♍21'26	0.65593 AU
inferior conj	-773 Sep 02 j 14:03	1°♍12'08	-2°-30'-6
minimum elong	-773 Sep 02 j 17:43	1°♍01'24	2°28'48
	-773 Sep 03 j 14:59	30°℞♌	
morning rise	-773 Sep 08 j 17:55	25°♌30'01	
asc. node	-773 Sep 10 j 07:41	24°♌54'53	
direct	-773 Sep 11 j 13:20	24°♌46'25	
morning max el	-773 Sep 18 j 03:46	28°♌23'11	18°22'27
	-773 Sep 19 j 15:24	0°♍	
morning set	-773 Oct 07 j 10:21	27°♍04'44	
	-773 Oct 09 j 05:28	0°♎	
desc. node	-773 Oct 20 j 12:13	18°♎05'29	
superior conj	-773 Oct 22 j 14:10	21°♎22'58	0°-13'-34
minimum elong	-773 Oct 22 j 12:24	21°♎15'56	0°13'20
behind sun begin	-773 Oct 22 j 05:53	20°♎50'16	
behind sun end	-773 Oct 22 j 18:54	21°♎41'35	
max. Earth dist.	-773 Oct 24 j 12:39	24°♎26'04	1.44962 AU
	-773 Oct 28 j 01:40	0°♏	
evening rise	-773 Nov 08 j 00:32	17°♏10'07	
	-773 Nov 16 j 05:09	0°♐	
greatest brilliancy	-773 Nov 21 j 23:44	8°♐50'42	-0.7m
evening max el	-773 Dec 01 j 09:21	21°♐15'35	19°20'30
asc. node	-773 Dec 07 j 06:55	25°♐13'28	
retrograde	-773 Dec 08 j 12:28	25°♐21'58	
evening set	-773 Dec 11 j 20:03	24°♐17'48	
inferior conj	-773 Dec 17 j 11:31	18°♐22'52	3°00'23
minimum elong	-773 Dec 17 j 08:40	18°♐32'03	2°59'39

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

min. Earth dist.	-773 Dec 18 j 18:31	16°♐43'18	0.66090 AU
morning rise	-773 Dec 22 j 20:27	12°♐10'05	
direct	-773 Dec 29 j 03:07	9°♐24'53	
morning max el	-772 Jan 10 j 16:37	16°♐50'06	26°07'49
desc. node	-772 Jan 16 j 11:24	23°♐17'36	
	-772 Jan 21 j 16:37	0°♑	
	-772 Feb 10 j 01:47	0°♒	
morning set	-772 Feb 15 j 20:27	10°♒23'24	
max. Earth dist.	-772 Feb 19 j 20:59	18°♒02'09	1.35393 AU
superior conj	-772 Feb 24 j 22:05	28°♒04'46	-1°-18'-28
minimum elong	-772 Feb 25 j 01:32	28°♒22'19	1°17'58
	-772 Feb 25 j 20:41	0°♓	
evening rise	-772 Mar 03 j 18:19	14°♓14'38	
asc. node	-772 Mar 04 j 06:15	15°♓15'35	
	-772 Mar 11 j 22:57	0°♈	
evening max el	-772 Mar 22 j 04:00	13°♈58'08	20°26'23
retrograde	-772 Apr 01 j 23:59	19°♈09'51	
evening set	-772 Apr 04 j 04:04	18°♈58'14	
inferior conj	-772 Apr 13 j 05:50	15°♈00'43	0°03'23
minimum elong	-772 Apr 13 j 05:59	15°♈00'29	0°03'20
transit middle	-772 Apr 13 j 05:59	15°♈00'29	0°03'20
transit begin	-772 Apr 13 j 02:02	15°♈06'16	
transit end	-772 Apr 13 j 09:57	14°♈54'42	
desc. node	-772 Apr 13 j 10:36	14°♈53'46	
min. Earth dist.	-772 Apr 14 j 17:36	14°♈08'33	0.55243 AU
morning rise	-772 Apr 22 j 05:52	10°♈44'06	
direct	-772 Apr 25 j 21:32	10°♈15'06	
morning max el	-772 May 09 j 08:22	16°♈49'39	23°21'57
	-772 May 19 j 21:10	0°♉	
asc. node	-772 May 31 j 05:32	20°♉40'30	
morning set	-772 Jun 01 j 16:17	23°♉40'59	
	-772 Jun 04 j 15:39	0°♊	
superior conj	-772 Jun 08 j 19:38	8°♊57'27	1°19'32
minimum elong	-772 Jun 08 j 17:06	8°♊43'53	1°19'11
max. Earth dist.	-772 Jun 11 j 04:19	13°♊58'58	1.33696 AU
evening rise	-772 Jun 16 j 10:36	24°♊47'33	
	-772 Jun 19 j 02:30	0°♋	
	-772 Jul 07 j 01:38	0°♌	
desc. node	-772 Jul 10 j 09:57	4°♌35'40	
evening max el	-772 Jul 20 j 09:33	16°♌05'34	27°21'49
retrograde	-772 Aug 02 j 22:31	23°♌25'49	
evening set	-772 Aug 10 j 01:06	20°♌42'49	
min. Earth dist.	-772 Aug 13 j 17:54	17°♌19'03	0.64219 AU
inferior conj	-772 Aug 16 j 03:20	14°♌46'14	-3°-20'-44
minimum elong	-772 Aug 16 j 07:49	14°♌34'16	3°19'27
morning rise	-772 Aug 22 j 16:23	9°♌20'05	
direct	-772 Aug 25 j 06:29	8°♌45'54	
asc. node	-772 Aug 27 j 04:43	9°♌05'00	
morning max el	-772 Aug 31 j 18:57	12°♌13'00	17°59'17
	-772 Sep 13 j 00:00	0°♍	
morning set	-772 Sep 18 j 01:17	8°♍36'01	
	-772 Sep 30 j 20:52	0°♎	
superior conj	-772 Oct 01 j 04:05	0°♎29'19	0°33'52
minimum elong	-772 Oct 01 j 07:46	0°♎44'17	0°33'22
desc. node	-772 Oct 06 j 09:15	8°♎51'52	
max. Earth dist.	-772 Oct 06 j 06:33	8°♎41'09	1.44380 AU
evening rise	-772 Oct 17 j 11:55	26°♎14'03	
	-772 Oct 19 j 22:42	0°♏	
greatest brilliancy	-772 Nov 07 j 01:19	26°♏47'37	-0.6m
	-772 Nov 09 j 11:48	0°♐	
evening max el	-772 Nov 13 j 13:26	4°♐43'38	20°17'27
retrograde	-772 Nov 21 j 09:57	9°♐20'48	
asc. node	-772 Nov 23 j 03:56	9°♐03'18	
evening set	-772 Nov 25 j 02:14	8°♐02'19	
inferior conj	-772 Nov 30 j 14:02	1°♐54'50	2°21'11
minimum elong	-772 Nov 30 j 11:21	2°♐03'51	2°20'17
min. Earth dist.	-772 Dec 01 j 08:01	0°♐54'17	0.66951 AU
	-772 Dec 02 j 00:19	30°℞♏	
morning rise	-772 Dec 05 j 19:56	25°♏39'38	
direct	-772 Dec 11 j 12:13	23°♏10'15	
morning max el	-772 Dec 23 j 01:02	0°♐02'26	24°48'46
	-772 Dec 23 j 00:04	0°♐	
desc. node	-771 Jan 02 j 08:26	12°♐19'11	
	-771 Jan 14 j 14:29	0°♑	
morning set	-771 Jan 28 j 03:03	22°♑22'36	
max. Earth dist.	-771 Jan 31 j 20:05	29°♑04'15	1.37218 AU
	-771 Feb 01 j 08:11	0°♒	
superior conj	-771 Feb 07 j 08:47	11°♒27'21	-1°-39'-56
minimum elong	-771 Feb 07 j 12:29	11°♒45'22	1°39'34
evening rise	-771 Feb 15 j 20:22	28°♒21'10	
	-771 Feb 16 j 16:13	0°♓	
asc. node	-771 Feb 19 j 03:16	4°♓49'46	
evening max el	-771 Mar 04 j 19:41	25°♓46'25	19°22'05
	-771 Mar 12 j 04:52	0°♈	
retrograde	-771 Mar 13 j 23:09	0°♈09'29	
	-771 Mar 15 j 18:19	30°℞♓	
evening set	-771 Mar 16 j 04:04	29°♓55'19	
inferior conj	-771 Mar 24 j 13:10	25°♓47'29	1°49'56
minimum elong	-771 Mar 24 j 17:11	25°♓40'51	1°48'43
min. Earth dist.	-771 Mar 27 j 08:18	23°♓57'38	0.56320 AU
desc. node	-771 Mar 31 j 07:36	21°♓43'46	
morning rise	-771 Apr 02 j 02:31	20°♓59'45	
direct	-771 Apr 06 j 19:51	20°♓08'51	
morning max el	-771 Apr 20 j 23:04	27°♓20'17	25°01'26
	-771 Apr 23 j 13:12	0°♈	
	-771 May 12 j 22:12	0°♉	
morning set	-771 May 17 j 04:19	8°♉40'45	
asc. node	-771 May 18 j 02:35	10°♉38'31	
superior conj	-771 May 24 j 05:19	23°♉53'07	1°00'31
minimum elong	-771 May 24 j 03:02	23°♉40'42	1°00'07
max. Earth dist.	-771 May 25 j 11:36	26°♉37'40	1.32898 AU
	-771 May 27 j 01:07	0°♊	
evening rise	-771 May 31 j 10:56	9°♊15'40	
	-771 Jun 11 j 11:18	0°♋	
desc. node	-771 Jun 27 j 06:56	23°♋03'07	
evening max el	-771 Jul 02 j 18:28	28°♋56'06	27°21'08
	-771 Jul 03 j 22:08	0°♌	
retrograde	-771 Jul 16 j 13:38	6°♌14'45	
evening set	-771 Jul 23 j 17:57	3°♌45'57	
min. Earth dist.	-771 Jul 27 j 07:54	0°♌51'25	0.62500 AU
	-771 Jul 28 j 05:58	30°℞♋	
inferior conj	-771 Jul 30 j 06:05	28°♋04'53	-4°-3'-42
minimum elong	-771 Jul 30 j 10:26	27°♋54'30	4°02'51
morning rise	-771 Aug 06 j 05:22	22°♋58'11	
direct	-771 Aug 08 j 16:43	22°♋30'34	
asc. node	-771 Aug 14 j 01:47	24°♋43'30	
morning max el	-771 Aug 15 j 10:10	25°♋56'06	17°54'11
	-771 Aug 18 j 21:01	0°♌	
morning set	-771 Aug 31 j 14:20	21°♌10'57	
	-771 Sep 05 j 13:13	0°♍	
superior conj	-771 Sep 11 j 20:18	10°♍54'19	1°10'46
minimum elong	-771 Sep 12 j 01:26	11°♍16'08	1°10'11
max. Earth dist.	-771 Sep 18 j 21:07	22°♍35'47	1.43148 AU
desc. node	-771 Sep 23 j 06:18	29°♍38'08	
	-771 Sep 23 j 11:49	0°♎	
evening rise	-771 Sep 26 j 18:59	5°♎11'04	
	-771 Oct 13 j 08:18	0°♏	
greatest brilliancy	-771 Oct 22 j 10:31	12°♏22'29	-0.4m

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening max el	-771 Oct 27 j 11:42	18°♏11'55	21°26'45
retrograde	-771 Nov 05 j 06:56	23°♏25'43	
evening set	-771 Nov 09 j 10:00	21°♏50'46	
asc. node	-771 Nov 10 j 00:58	21°♏19'37	
inferior conj	-771 Nov 14 j 19:45	15°♏34'08	1°35'33
minimum elong	-771 Nov 14 j 17:43	15°♏41'08	1°34'44
min. Earth dist.	-771 Nov 15 j 02:11	15°♏11'58	0.67453 AU
morning rise	-771 Nov 20 j 01:09	9°♏18'37	
direct	-771 Nov 25 j 01:57	7°♏10'24	
morning max el	-771 Dec 05 j 10:07	13°♏19'34	23°21'44
greatest brilliancy	-771 Dec 10 j 19:34	19°♏24'11	-0.2m
	-771 Dec 18 j 20:29	0°♐	
desc. node	-771 Dec 20 j 05:30	1°♐56'04	
	-770 Jan 07 j 12:11	0°♑	
morning set	-770 Jan 09 j 08:49	3°♑05'59	
max. Earth dist.	-770 Jan 13 j 15:29	10°♑25'13	1.39300 AU
superior conj	-770 Jan 21 j 05:24	24°♑04'39	-1°-55'-14
minimum elong	-770 Jan 21 j 08:02	24°♑16'54	1°55'07
	-770 Jan 24 j 08:59	0°♒	
evening rise	-770 Jan 30 j 14:26	11°♒58'51	
asc. node	-770 Feb 06 j 00:18	24°♒01'15	
	-770 Feb 09 j 13:23	0°♓	
evening max el	-770 Feb 15 j 20:53	8°♓09'18	18°37'32
retrograde	-770 Feb 23 j 16:31	11°♓57'58	
evening set	-770 Feb 26 j 01:34	11°♓38'05	
inferior conj	-770 Mar 05 j 16:29	7°♓11'22	3°03'33
minimum elong	-770 Mar 05 j 20:37	7°♓03'23	3°02'40
min. Earth dist.	-770 Mar 09 j 01:39	4°♓36'39	0.58056 AU
morning rise	-770 Mar 13 j 11:42	1°♓52'59	
desc. node	-770 Mar 18 j 04:38	0°♓31'09	
direct	-770 Mar 19 j 07:32	0°♓27'59	
morning max el	-770 Apr 02 j 15:42	8°♓01'44	26°26'54
	-770 Apr 19 j 03:12	0°♈	
morning set	-770 May 01 j 15:23	23°♈37'06	
asc. node	-770 May 04 j 23:38	0°♉45'27	
	-770 May 04 j 15:14	0°♉	
superior conj	-770 May 08 j 16:49	8°♉52'48	0°38'23
minimum elong	-770 May 08 j 15:12	8°♉43'58	0°38'05
max. Earth dist.	-770 May 08 j 23:33	9°♉29'46	1.32464 AU
evening rise	-770 May 15 j 17:14	24°♉00'32	
	-770 May 18 j 15:33	0°♊	
	-770 Jun 05 j 09:55	0°♋	
desc. node	-770 Jun 14 j 03:57	10°♋22'13	
evening max el	-770 Jun 14 j 22:05	11°♋06'15	26°47'27
retrograde	-770 Jun 28 j 21:28	18°♋22'47	
evening set	-770 Jul 05 j 16:57	16°♋21'47	
min. Earth dist.	-770 Jul 09 j 11:37	13°♋43'06	0.60518 AU
inferior conj	-770 Jul 12 j 18:49	10°♋58'32	-4°-32'-56
minimum elong	-770 Jul 12 j 21:25	10°♋53'05	4°32'43
morning rise	-770 Jul 20 j 05:03	6°♋14'06	
direct	-770 Jul 22 j 15:50	5°♋50'59	
morning max el	-770 Jul 29 j 22:29	9°♋24'30	18°08'07
asc. node	-770 Jul 31 j 22:52	11°♋35'00	
	-770 Aug 12 j 09:08	0°♌	
morning set	-770 Aug 14 j 19:38	4°♌32'33	
superior conj	-770 Aug 24 j 15:01	22°♌37'52	1°34'19
minimum elong	-770 Aug 24 j 18:43	22°♌54'22	1°34'02
	-770 Aug 28 j 19:26	0°♍	
max. Earth dist.	-770 Sep 01 j 05:55	5°♍52'08	1.41424 AU
evening rise	-770 Sep 06 j 15:36	14°♍46'40	
desc. node	-770 Sep 10 j 03:20	20°♍20'22	
	-770 Sep 16 j 09:52	0°♎	
greatest brilliancy	-770 Oct 05 j 05:58	26°♎08'52	-0.3m
	-770 Oct 08 j 14:03	0°♏	
evening max el	-770 Oct 10 j 04:22	1°♏40'35	22°44'25
retrograde	-770 Oct 20 j 01:52	7°♏33'22	
evening set	-770 Oct 24 j 17:35	5°♏40'27	
asc. node	-770 Oct 27 j 22:02	2°♏15'55	
	-770 Oct 29 j 14:43	30°℞♎	
inferior conj	-770 Oct 30 j 02:46	29°♎18'23	0°45'09
minimum elong	-770 Oct 30 j 01:44	29°♎21'58	0°44'42
min. Earth dist.	-770 Oct 29 j 22:37	29°♎32'45	0.67619 AU
morning rise	-770 Nov 04 j 09:50	23°♎04'57	
direct	-770 Nov 08 j 19:40	21°♎19'18	
morning max el	-770 Nov 17 j 23:02	26°♎42'55	21°55'52
	-770 Nov 20 j 23:11	0°♏	
greatest brilliancy	-770 Nov 22 j 18:01	2°♏08'18	-0.4m
desc. node	-770 Dec 07 j 02:35	21°♏58'06	
	-770 Dec 12 j 10:48	0°♐	
morning set	-770 Dec 20 j 09:35	12°♐25'42	
max. Earth dist.	-770 Dec 26 j 14:17	22°♐33'03	1.41370 AU
	-770 Dec 30 j 23:48	0°♑	
superior conj	-769 Jan 03 j 06:49	5°♑44'01	-2°00'-39
minimum elong	-769 Jan 03 j 06:29	5°♑42'33	2°00'41
evening rise	-769 Jan 13 j 21:11	25°♑00'01	
	-769 Jan 16 j 14:10	0°♒	
asc. node	-769 Jan 23 j 21:21	12°♒42'41	
evening max el	-769 Jan 30 j 04:52	20°♒59'39	18°13'06
retrograde	-769 Feb 06 j 04:02	24°♒29'42	
evening set	-769 Feb 08 j 17:18	24°♒02'16	
inferior conj	-769 Feb 15 j 16:27	19°♒14'16	3°42'13
minimum elong	-769 Feb 15 j 18:33	19°♒09'36	3°41'59
min. Earth dist.	-769 Feb 19 j 00:26	16°♒16'52	0.60111 AU
morning rise	-769 Feb 22 j 16:34	13°♒33'39	
direct	-769 Mar 01 j 07:43	11°♒30'39	
desc. node	-769 Mar 05 j 01:42	12°♒07'44	
morning max el	-769 Mar 15 j 14:03	19°♒16'36	27°24'25
	-769 Mar 24 j 16:44	0°♓	
	-769 Apr 11 j 19:35	0°♈	
morning set	-769 Apr 15 j 23:43	8°♈23'51	
asc. node	-769 Apr 21 j 20:42	20°♈56'56	
max. Earth dist.	-769 Apr 22 j 12:23	22°♈22'39	1.32392 AU
superior conj	-769 Apr 23 j 04:27	23°♈50'42	0°13'58
minimum elong	-769 Apr 23 j 03:50	23°♈47'14	0°13'51
behind sun begin	-769 Apr 23 j 01:23	23°♈33'53	
behind sun end	-769 Apr 23 j 06:16	24°♈00'36	
	-769 Apr 25 j 23:53	0°♉	
evening rise	-769 Apr 30 j 03:14	8°♉54'25	
	-769 May 11 j 02:30	0°♊	
evening max el	-769 May 27 j 18:57	22°♊31'33	25°42'54
desc. node	-769 Jun 01 j 00:57	26°♊04'57	
retrograde	-769 Jun 10 j 20:26	29°♊44'03	
evening set	-769 Jun 16 j 18:01	28°♊21'00	
min. Earth dist.	-769 Jun 21 j 07:16	25°♊39'52	0.58466 AU
inferior conj	-769 Jun 24 j 13:57	23°♊18'00	-4°-38'-59
minimum elong	-769 Jun 24 j 12:51	23°♊20'00	4°38'56
morning rise	-769 Jul 02 j 11:31	18°♊56'14	
direct	-769 Jul 04 j 23:23	18°♊36'17	
morning max el	-769 Jul 13 j 04:50	22°♊29'31	18°42'10
asc. node	-769 Jul 18 j 19:57	29°♊24'28	
	-769 Jul 19 j 05:24	0°♋	
morning set	-769 Jul 29 j 12:38	18°♋29'03	
	-769 Aug 04 j 10:48	0°♌	
superior conj	-769 Aug 07 j 07:08	5°♌25'35	1°45'41
minimum elong	-769 Aug 07 j 08:33	5°♌32'18	1°45'39
max. Earth dist.	-769 Aug 14 j 09:28	18°♌23'18	1.39449 AU
evening rise	-769 Aug 18 j 12:16	25°♌30'29	
	-769 Aug 21 j 04:41	0°♍	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-769 Aug 28 j 00:21	10°♍54'50	
	-769 Sep 10 j 02:47	0°♎	
evening max el	-769 Sep 22 j 17:11	15°♎11'53	24°04'47
retrograde	-769 Oct 03 j 17:23	21°♎40'14	
evening set	-769 Oct 08 j 23:16	19°♎29'04	
inferior conj	-769 Oct 14 j 09:19	13°♎05'35	0°-8'-28
minimum elong	-769 Oct 14 j 09:31	13°♎04'54	0°08'24
transit middle	-769 Oct 14 j 09:31	13°♎04'54	0°08'24
transit begin	-769 Oct 14 j 07:11	13°♎12'49	
transit end	-769 Oct 14 j 11:51	12°♎57'00	
min. Earth dist.	-769 Oct 13 j 18:53	13°♎54'28	0.67474 AU
asc. node	-769 Oct 14 j 19:08	12°♎32'24	
morning rise	-769 Oct 19 j 19:59	6°♎56'53	
direct	-769 Oct 23 j 16:21	5°♎32'34	
morning max el	-769 Oct 31 j 18:28	10°♎14'44	20°38'09
greatest brilliancy	-769 Nov 06 j 21:04	17°♎28'54	-0.5m
	-769 Nov 15 j 18:46	0°♏	
desc. node	-769 Nov 23 j 23:38	12°♏17'37	
morning set	-769 Nov 29 j 10:45	20°♏42'04	
	-769 Dec 05 j 08:46	0°♐	
max. Earth dist.	-769 Dec 08 j 20:01	5°♐33'37	1.43150 AU
superior conj	-769 Dec 15 j 07:31	16°♐12'12	-1°-51'-46
minimum elong	-769 Dec 15 j 02:36	15°♐51'40	1°51'32
	-769 Dec 23 j 09:22	0°♑	
evening rise	-769 Dec 27 j 12:29	7°♑15'04	
	-768 Jan 10 j 05:17	0°♒	
asc. node	-768 Jan 10 j 18:25	0°♒43'54	
evening max el	-768 Jan 13 j 16:33	4°♒08'02	18°08'20
retrograde	-768 Jan 20 j 05:52	7°♒33'40	
evening set	-768 Jan 22 j 23:11	6°♒57'33	
inferior conj	-768 Jan 29 j 09:52	1°♒48'18	3°52'53
minimum elong	-768 Jan 29 j 09:40	1°♒48'49	3°52'52
	-768 Jan 31 j 04:09	30°℞♑	
min. Earth dist.	-768 Feb 01 j 07:02	28°♑52'51	0.62162 AU
morning rise	-768 Feb 04 j 17:54	25°♑53'35	
direct	-768 Feb 11 j 17:42	23°♑20'22	
desc. node	-768 Feb 19 j 22:45	26°♑18'21	
	-768 Feb 24 j 12:34	0°♒	
morning max el	-768 Feb 25 j 18:11	1°♒11'06	27°46'20
	-768 Mar 17 j 20:07	0°♓	
morning set	-768 Mar 30 j 03:14	22°♓52'53	
	-768 Apr 02 j 13:35	0°♈	
max. Earth dist.	-768 Apr 04 j 22:11	5°♈01'58	1.32691 AU
superior conj	-768 Apr 06 j 14:31	8°♈40'02	0°-11'-58
minimum elong	-768 Apr 06 j 15:04	8°♈43'04	0°11'51
behind sun begin	-768 Apr 06 j 11:38	8°♈24'24	
behind sun end	-768 Apr 06 j 18:30	9°♈01'45	
asc. node	-768 Apr 07 j 17:45	11°♈08'05	
evening rise	-768 Apr 13 j 14:53	23°♈49'35	
	-768 Apr 16 j 14:25	0°♉	
	-768 May 05 j 06:22	0°♊	
evening max el	-768 May 08 j 10:38	3°♊20'32	24°16'09
desc. node	-768 May 17 j 21:57	9°♊35'33	
retrograde	-768 May 22 j 07:53	10°♊20'03	
evening set	-768 May 26 j 20:52	9°♊34'03	
min. Earth dist.	-768 Jun 01 j 22:07	6°♊34'28	0.56646 AU
inferior conj	-768 Jun 04 j 13:03	4°♊55'25	-4°-9'-34
minimum elong	-768 Jun 04 j 07:34	5°♊04'06	4°08'39
morning rise	-768 Jun 12 j 22:04	0°♊52'30	
direct	-768 Jun 15 j 12:14	0°♊34'31	
morning max el	-768 Jun 25 j 02:18	5°♊01'23	19°37'09
asc. node	-768 Jul 04 j 17:01	17°♊58'34	
	-768 Jul 11 j 03:26	0°♋	
morning set	-768 Jul 12 j 13:53	2°♋51'45	
superior conj	-768 Jul 20 j 15:02	19°♋01'48	1°47'10
minimum elong	-768 Jul 20 j 14:30	18°♋59'10	1°47'10
	-768 Jul 26 j 07:55	0°♌	
max. Earth dist.	-768 Jul 26 j 12:36	0°♌21'51	1.37479 AU
evening rise	-768 Jul 30 j 09:29	7°♌25'37	
	-768 Aug 13 j 01:05	0°♍	
desc. node	-768 Aug 13 j 21:20	1°♍17'01	
evening max el	-768 Sep 04 j 04:42	28°♍47'37	25°20'42
	-768 Sep 05 j 11:09	0°♎	
retrograde	-768 Sep 16 j 04:32	5°♎42'46	
evening set	-768 Sep 22 j 01:18	3°♎14'51	
	-768 Sep 25 j 03:23	30°℞♍	
min. Earth dist.	-768 Sep 26 j 12:29	28°♍15'50	0.67016 AU
inferior conj	-768 Sep 27 j 13:39	26°♍54'05	-1°-3'-46
minimum elong	-768 Sep 27 j 15:14	26°♍48'56	1°03'06
asc. node	-768 Sep 30 j 16:12	23°♍07'22	
morning rise	-768 Oct 03 j 05:44	20°♍53'09	
direct	-768 Oct 06 j 14:40	19°♍47'20	
morning max el	-768 Oct 13 j 21:30	23°♍56'27	19°33'15
	-768 Oct 18 j 23:33	0°♎	
greatest brilliancy	-768 Oct 22 j 14:31	5°♎01'56	-0.7m
morning set	-768 Nov 07 j 09:35	29°♎00'15	
	-768 Nov 08 j 00:59	0°♏	
desc. node	-768 Nov 09 j 20:40	2°♏49'44	
max. Earth dist.	-768 Nov 20 j 09:09	19°♏19'50	1.44404 AU
superior conj	-768 Nov 24 j 05:18	25°♏26'58	-1°-25'-4
minimum elong	-768 Nov 23 j 21:15	24°♏54'43	1°24'17
	-768 Nov 27 j 01:10	0°♐	
evening rise	-768 Dec 08 j 07:59	18°♐36'30	
	-768 Dec 15 j 03:06	0°♑	
evening max el	-768 Dec 27 j 05:06	17°♑27'32	18°22'28
asc. node	-768 Dec 27 j 15:27	17°♑53'10	
retrograde	-767 Jan 02 j 17:40	21°♑00'59	
evening set	-767 Jan 05 j 15:33	20°♑15'02	
inferior conj	-767 Jan 11 j 16:49	14°♑45'55	3°43'15
minimum elong	-767 Jan 11 j 14:57	14°♑51'13	3°43'02
min. Earth dist.	-767 Jan 13 j 23:04	12°♑12'03	0.63974 AU
morning rise	-767 Jan 17 j 12:53	8°♑42'03	
direct	-767 Jan 24 j 11:17	5°♑53'08	
desc. node	-767 Feb 05 j 19:49	12°♑27'45	
morning max el	-767 Feb 07 j 02:22	13°♑41'34	27°31'53
	-767 Feb 20 j 07:19	0°♒	
	-767 Mar 10 j 09:14	0°♓	
morning set	-767 Mar 13 j 23:21	6°♓55'52	
max. Earth dist.	-767 Mar 19 j 01:11	17°♓15'49	1.33395 AU
superior conj	-767 Mar 21 j 21:09	23°♓14'44	0°-38'-29
minimum elong	-767 Mar 21 j 22:59	23°♓24'27	0°38'08
	-767 Mar 25 j 00:48	0°♈	
asc. node	-767 Mar 25 j 14:46	1°♈14'54	
evening rise	-767 Mar 29 j 02:23	8°♈39'46	
	-767 Apr 09 j 08:58	0°♉	
evening max el	-767 Apr 20 j 02:25	13°♉56'44	22°41'00
retrograde	-767 May 03 j 06:16	20°♉26'25	
desc. node	-767 May 04 j 18:59	20°♉21'12	
evening set	-767 May 06 j 10:43	20°♉04'12	
min. Earth dist.	-767 May 14 j 11:00	16°♉34'17	0.55409 AU
inferior conj	-767 May 15 j 17:35	15°♉50'36	-2°-55'-45
minimum elong	-767 May 15 j 10:42	16°♉00'27	2°53'48
morning rise	-767 May 24 j 13:10	11°♉56'32	
direct	-767 May 27 j 07:41	11°♉38'40	
morning max el	-767 Jun 07 j 12:53	16°♉51'51	20°52'29
	-767 Jun 17 j 14:02	0°♊	
asc. node	-767 Jun 21 j 14:03	7°♊06'09	
morning set	-767 Jun 26 j 20:40	17°♊32'45	
	-767 Jul 02 j 20:44	0°♋	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-767 Jul 04 j 10:07	3°♋12'40	1°40'56	
minimum elong	-767 Jul 04 j 08:17	3°♋03'18	1°40'49	
max. Earth dist.	-767 Jul 08 j 21:17	12°♋11'58	1.35730 AU	
evening rise	-767 Jul 13 j 02:53	20°♋20'15		
	-767 Jul 18 j 10:53	0°♌		
desc. node	-767 Jul 31 j 18:21	21°♌20'24		
	-767 Aug 06 j 23:55	0°♍		
evening max el	-767 Aug 17 j 16:20	12°♍23'20	26°24'24	
retrograde	-767 Aug 30 j 10:39	19°♍34'57		
evening set	-767 Sep 05 j 21:40	16°♍54'25		
min. Earth dist.	-767 Sep 10 j 00:57	12°♍33'02	0.66221 AU	
inferior conj	-767 Sep 11 j 13:52	10°♍40'18	-1°-59'-4	
minimum elong	-767 Sep 11 j 16:50	10°♍31'14	1°57'55	
morning rise	-767 Sep 17 j 13:01	4°♍50'26		
asc. node	-767 Sep 17 j 13:14	4°♍50'07		
direct	-767 Sep 20 j 12:45	3°♍59'40		
morning max el	-767 Sep 27 j 07:07	7°♍45'19	18°43'35	
	-767 Oct 12 j 22:07	0°♎		
morning set	-767 Oct 18 j 04:41	8°♎23'17		
desc. node	-767 Oct 27 j 17:41	23°♎29'59		
	-767 Oct 31 j 20:46	0°♏		
superior conj	-767 Nov 03 j 07:49	3°♏52'13	0°-42'-4	
minimum elong	-767 Nov 03 j 02:24	3°♏30'52	0°41'23	
max. Earth dist.	-767 Nov 03 j 03:00	3°♏33'17	1.44975 AU	
evening rise	-767 Nov 19 j 04:04	28°♏58'44		
	-767 Nov 19 j 19:22	0°♐		
	-767 Dec 09 j 20:19	0°♑		
evening max el	-767 Dec 10 j 15:53	0°♑52'22	18°54'32	
asc. node	-767 Dec 14 j 12:28	3°♑56'14		
retrograde	-767 Dec 17 j 11:39	4°♑44'10		
evening set	-767 Dec 20 j 15:15	3°♑47'04		
	-767 Dec 24 j 18:08	30°℞♐		
inferior conj	-767 Dec 26 j 09:38	28°♐00'28	3°19'12	
minimum elong	-767 Dec 26 j 06:56	28°♐08'50	3°18'37	
min. Earth dist.	-767 Dec 28 j 00:40	25°♐59'43	0.65426 AU	
morning rise	-767 Dec 31 j 21:39	21°♐50'18		
direct	-766 Jan 07 j 11:20	19°♐00'30		
morning max el	-766 Jan 20 j 12:04	26°♐37'33	26°45'48	
desc. node	-766 Jan 23 j 16:52	0°♑02'34		
	-766 Jan 23 j 15:58	0°♑		
	-766 Feb 13 j 21:34	0°♒		
morning set	-766 Feb 25 j 08:44	20°♒22'18		
max. Earth dist.	-766 Mar 01 j 17:55	28°♒56'13	1.34532 AU	
	-766 Mar 02 j 06:38	0°♓		
superior conj	-766 Mar 05 j 22:16	7°♓28'05	-1°-4'-25	
minimum elong	-766 Mar 06 j 01:14	7°♓43'28	1°03'55	
asc. node	-766 Mar 12 j 11:47	21°♓13'17		
evening rise	-766 Mar 13 j 11:53	23°♓18'37		
	-766 Mar 16 j 18:50	0°♈		
evening max el	-766 Apr 02 j 00:57	24°♈49'09	21°11'30	
	-766 Apr 10 j 05:06	0°♉		
retrograde	-766 Apr 13 j 20:16	0°♉32'09		
evening set	-766 Apr 16 j 04:42	0°♉19'20		
	-766 Apr 17 j 14:35	30°℞♈		
desc. node	-766 Apr 21 j 16:01	28°♈24'28		
inferior conj	-766 Apr 25 j 12:20	26°♈20'19	-1°-5'-35	
minimum elong	-766 Apr 25 j 09:14	26°♈24'41	1°04'30	
min. Earth dist.	-766 Apr 26 j 00:03	26°♈03'47	0.55025 AU	
morning rise	-766 May 04 j 13:35	22°♈17'39		
direct	-766 May 07 j 18:19	21°♈55'30		
morning max el	-766 May 20 j 12:55	28°♈01'13	22°24'33	
	-766 May 22 j 12:22	0°♉		
asc. node	-766 Jun 08 j 11:05	26°♉38'57		
	-766 Jun 10 j 02:41	0°♊		
morning set	-766 Jun 11 j 06:55	2°♊26'07		

superior conj	-766 Jun 18 j 12:56	17°♊48'07	1°28'44	
minimum elong	-766 Jun 18 j 10:29	17°♊35'12	1°28'28	
max. Earth dist.	-766 Jun 21 j 15:01	24°♊15'26	1.34327 AU	
	-766 Jun 24 j 10:46	0°♋		
evening rise	-766 Jun 26 j 11:33	4°♋01'07		
	-766 Jul 11 j 05:38	0°♌		
desc. node	-766 Jul 18 j 15:21	10°♌56'37		
evening max el	-766 Jul 31 j 04:05	25°♌50'36	27°08'10	
	-766 Aug 05 j 03:30	0°♍		
retrograde	-766 Aug 13 j 11:28	3°♍09'53		
evening set	-766 Aug 20 j 09:57	0°♍24'21		
	-766 Aug 20 j 21:45	30°℞♌		
min. Earth dist.	-766 Aug 24 j 06:00	26°♌40'43	0.65061 AU	
inferior conj	-766 Aug 26 j 07:52	24°♌20'27	-2°-52'-12	
minimum elong	-766 Aug 26 j 11:58	24°♌08'55	2°50'52	
morning rise	-766 Sep 01 j 15:31	18°♌44'57		
direct	-766 Sep 04 j 08:26	18°♌05'43		
asc. node	-766 Sep 04 j 10:17	18°♌05'45		
morning max el	-766 Sep 10 j 21:06	21°♌37'01	18°10'28	
	-766 Sep 17 j 08:42	0°♍		
morning set	-766 Sep 29 j 04:14	19°♍10'20		
	-766 Oct 05 j 18:00	0°♎		
superior conj	-766 Oct 13 j 11:30	12°♎27'04	0°07'26	
minimum elong	-766 Oct 13 j 12:26	12°♎30'45	0°07'18	
behind sun begin	-766 Oct 13 j 02:38	11°♎51'42		
behind sun end	-766 Oct 13 j 22:14	13°♎09'46		
desc. node	-766 Oct 14 j 14:42	14°♎15'10		
max. Earth dist.	-766 Oct 16 j 21:46	17°♎53'04	1.44803 AU	
	-766 Oct 24 j 15:15	0°♏		
evening rise	-766 Oct 30 j 01:16	8°♏25'39		
	-766 Nov 13 j 03:02	0°♐		
greatest brilliancy	-766 Nov 16 j 01:31	4°♐17'19	-0.6m	
evening max el	-766 Nov 23 j 22:47	14°♐19'22	19°42'59	
retrograde	-766 Dec 01 j 08:39	18°♐38'21		
asc. node	-766 Dec 01 j 09:30	18°♐38'21		
evening set	-766 Dec 04 j 19:41	17°♐28'16		
inferior conj	-766 Dec 10 j 09:21	11°♐27'18	2°44'42	
minimum elong	-766 Dec 10 j 06:30	11°♐36'40	2°43'51	
min. Earth dist.	-766 Dec 11 j 10:31	10°♐04'27	0.66497 AU	
morning rise	-766 Dec 15 j 16:38	5°♐13'06		
direct	-766 Dec 21 j 17:15	2°♐33'58		
morning max el	-765 Jan 02 j 21:14	9°♐47'03	25°35'53	
desc. node	-765 Jan 10 j 13:55	18°♐37'50		
	-765 Jan 18 j 22:01	0°♑		
	-765 Feb 06 j 11:19	0°♒		
morning set	-765 Feb 08 j 02:46	2°♒58'01		
max. Earth dist.	-765 Feb 11 j 22:48	10°♒06'01	1.36119 AU	
superior conj	-765 Feb 17 j 15:10	21°♒11'26	-1°-28'-9	
minimum elong	-765 Feb 17 j 18:50	21°♒29'48	1°27'40	
	-765 Feb 21 j 23:29	0°♓		
evening rise	-765 Feb 25 j 17:19	7°♓38'41		
asc. node	-765 Feb 27 j 08:49	10°♓57'48		
	-765 Mar 10 j 04:19	0°♈		
evening max el	-765 Mar 15 j 10:11	6°♈15'15	19°56'43	
retrograde	-765 Mar 25 j 12:44	11°♈05'39		
evening set	-765 Mar 27 j 16:04	10°♈53'35		
inferior conj	-765 Apr 05 j 11:21	6°♈53'02	0°51'45	
minimum elong	-765 Apr 05 j 13:35	6°♈49'37	0°50'59	
min. Earth dist.	-765 Apr 07 j 14:13	5°♈35'30	0.55593 AU	
desc. node	-765 Apr 08 j 13:03	5°♈01'51		
morning rise	-765 Apr 14 j 08:04	2°♈23'41		
direct	-765 Apr 18 j 09:33	1°♈47'19		
morning max el	-765 May 02 j 05:36	8°♈39'51	24°05'01	
	-765 May 17 j 20:03	0°♉		
asc. node	-765 May 26 j 08:07	16°♉29'14		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-765 May 26 j 18:45	17°♉24'59	
	-765 Jun 01 j 15:25	0°♊	
superior conj	-765 Jun 02 j 20:44	2°♊38'31	1°11'55
minimum elong	-765 Jun 02 j 18:15	2°♊25'08	1°11'32
max. Earth dist.	-765 Jun 04 j 17:48	6°♊40'41	1.33308 AU
evening rise	-765 Jun 10 j 07:09	18°♊14'54	
	-765 Jun 16 j 09:09	0°♋	
desc. node	-765 Jul 05 j 12:23	29°♋53'36	
	-765 Jul 05 j 14:24	0°♌	
evening max el	-765 Jul 13 j 14:32	8°♌57'33	27°25'18
retrograde	-765 Jul 27 j 06:38	16°♌18'09	
evening set	-765 Aug 03 j 11:01	13°♌39'10	
min. Earth dist.	-765 Aug 07 j 01:51	10°♌29'15	0.63529 AU
inferior conj	-765 Aug 09 j 17:02	7°♌48'42	-3°-40'-12
minimum elong	-765 Aug 09 j 21:38	7°♌37'01	3°39'03
morning rise	-765 Aug 16 j 10:23	2°♌30'44	
direct	-765 Aug 18 j 22:56	1°♌59'47	
asc. node	-765 Aug 22 j 07:20	2°♌54'59	
morning max el	-765 Aug 25 j 12:44	5°♌25'14	17°54'51
	-765 Sep 10 j 13:05	0°♍	
morning set	-765 Sep 11 j 05:19	1°♍10'38	
superior conj	-765 Sep 23 j 11:59	22°♍05'36	0°51'06
minimum elong	-765 Sep 23 j 16:47	22°♍25'25	0°50'30
	-765 Sep 28 j 08:16	0°♎	
max. Earth dist.	-765 Sep 29 j 14:10	2°♎00'10	1.43922 AU
desc. node	-765 Oct 01 j 11:45	5°♎02'03	
evening rise	-765 Oct 09 j 08:31	17°♎20'40	
	-765 Oct 17 j 15:52	0°♏	
greatest brilliancy	-765 Nov 01 j 05:56	20°♏56'13	-0.5m
evening max el	-765 Nov 07 j 00:24	27°♏47'29	20°45'39
	-765 Nov 09 j 09:15	0°♐	
retrograde	-765 Nov 15 j 06:16	2°♐40'15	
asc. node	-765 Nov 18 j 06:33	1°♐48'33	
evening set	-765 Nov 19 j 02:46	1°♐15'10	
	-765 Nov 20 j 13:16	30°℞♏	
inferior conj	-765 Nov 24 j 13:30	25°♏03'15	2°02'32
minimum elong	-765 Nov 24 j 11:03	25°♏11'37	2°01'38
min. Earth dist.	-765 Nov 25 j 02:27	24°♏19'03	0.67200 AU
morning rise	-765 Nov 29 j 18:52	18°♏47'22	
direct	-765 Dec 05 j 04:32	16°♏26'29	
morning max el	-765 Dec 16 j 05:42	23°♏02'05	24°12'07
	-765 Dec 22 j 09:15	0°♐	
desc. node	-765 Dec 28 j 10:59	7°♐56'12	
	-764 Jan 12 j 06:56	0°♑	
morning set	-764 Jan 20 j 23:37	14°♑27'22	
max. Earth dist.	-764 Jan 24 j 19:01	21°♑10'17	1.38079 AU
	-764 Jan 29 j 14:23	0°♒	
superior conj	-764 Jan 31 j 20:27	4°♒16'13	-1°-47'-23
minimum elong	-764 Jan 31 j 23:53	4°♒32'42	1°47'07
evening rise	-764 Feb 09 j 16:21	21°♒33'48	
asc. node	-764 Feb 14 j 05:53	0°♓23'14	
	-764 Feb 14 j 00:56	0°♓	
evening max el	-764 Feb 26 j 06:16	18°♓19'14	19°00'43
retrograde	-764 Mar 05 j 18:57	22°♓25'33	
evening set	-764 Mar 08 j 01:24	22°♓09'21	
inferior conj	-764 Mar 16 j 02:42	17°♓54'30	2°25'38
minimum elong	-764 Mar 16 j 07:10	17°♓46'38	2°24'24
min. Earth dist.	-764 Mar 19 j 06:07	15°♓43'01	0.56995 AU
morning rise	-764 Mar 24 j 08:48	12°♓52'41	
desc. node	-764 Mar 25 j 10:06	12°♓29'31	
direct	-764 Mar 29 j 13:55	11°♓48'11	
morning max el	-764 Apr 12 j 20:27	19°♓11'34	25°40'21
	-764 Apr 21 j 23:02	0°♈	
	-764 May 09 j 03:03	0°♉	

morning set	-764 May 10 j 06:35	2°♉23'38	
asc. node	-764 May 12 j 05:11	6°♉31'25	
superior conj	-764 May 17 j 07:26	17°♉36'37	0°51'28
minimum elong	-764 May 17 j 05:23	17°♉25'28	0°51'06
max. Earth dist.	-764 May 18 j 03:18	19°♉25'07	1.32668 AU
	-764 May 23 j 01:30	0°♊	
evening rise	-764 May 24 j 10:20	2°♊51'04	
	-764 Jun 08 j 05:31	0°♋	
desc. node	-764 Jun 21 j 09:23	17°♋54'54	
evening max el	-764 Jun 24 j 21:29	21°♋32'06	27°10'51
retrograde	-764 Jul 08 j 19:04	28°♋50'21	
evening set	-764 Jul 15 j 20:52	26°♋31'56	
min. Earth dist.	-764 Jul 19 j 11:36	23°♋45'51	0.61677 AU
inferior conj	-764 Jul 22 j 14:17	20°♋57'51	-4°-18'-20
minimum elong	-764 Jul 22 j 18:08	20°♋49'09	4°17'44
morning rise	-764 Jul 29 j 18:10	16°♋00'15	
direct	-764 Aug 01 j 04:52	15°♋34'54	
morning max el	-764 Aug 08 j 03:05	19°♋02'58	17°57'38
asc. node	-764 Aug 08 j 04:25	19°♋06'14	
	-764 Aug 16 j 02:57	0°♌	
morning set	-764 Aug 24 j 01:56	14°♌07'02	
	-764 Sep 01 j 21:35	0°♍	
superior conj	-764 Sep 03 j 15:53	3°♍04'56	1°22'22
minimum elong	-764 Sep 03 j 20:38	3°♍25'31	1°21'54
max. Earth dist.	-764 Sep 11 j 01:58	15°♍38'20	1.42461 AU
desc. node	-764 Sep 17 j 08:46	25°♍46'55	
evening rise	-764 Sep 17 j 19:23	26°♍28'51	
	-764 Sep 20 j 01:16	0°♎	
	-764 Oct 10 j 12:53	0°♏	
greatest brilliancy	-764 Oct 15 j 02:04	5°♏52'28	-0.4m
evening max el	-764 Oct 19 j 20:13	11°♏15'55	21°59'11
retrograde	-764 Oct 29 j 02:29	16°♏46'18	
evening set	-764 Nov 02 j 10:38	15°♏04'05	
asc. node	-764 Nov 04 j 03:37	13°♏27'24	
inferior conj	-764 Nov 07 j 20:00	8°♏44'52	1°14'38
minimum elong	-764 Nov 07 j 18:21	8°♏50'33	1°13'58
min. Earth dist.	-764 Nov 07 j 21:56	8°♏38'11	0.67562 AU
morning rise	-764 Nov 13 j 01:50	2°♏29'48	
direct	-764 Nov 17 j 20:13	0°♏30'54	
morning max el	-764 Nov 27 j 15:46	6°♏20'35	22°44'29
greatest brilliancy	-764 Dec 02 j 07:50	11°♏34'19	-0.3m
desc. node	-764 Dec 14 j 08:02	27°♏44'42	
	-764 Dec 15 j 21:15	0°♐	
morning set	-764 Dec 31 j 17:07	24°♐34'24	
	-763 Jan 03 j 23:20	0°♑	
max. Earth dist.	-763 Jan 05 j 14:38	2°♑46'41	1.40201 AU
superior conj	-763 Jan 13 j 09:32	16°♑30'23	-1°-59'00
minimum elong	-763 Jan 13 j 11:10	16°♑37'48	1°58'59
	-763 Jan 20 j 15:32	0°♒	
evening rise	-763 Jan 23 j 05:59	4°♒56'17	
asc. node	-763 Jan 31 j 02:56	19°♒22'40	
	-763 Feb 07 j 13:20	0°♓	
evening max el	-763 Feb 08 j 10:46	0°♓54'50	18°24'44
retrograde	-763 Feb 15 j 20:03	4°♓33'13	
evening set	-763 Feb 18 j 07:06	4°♓10'10	
	-763 Feb 25 j 02:29	30°℞♒	
inferior conj	-763 Feb 25 j 14:55	29°♒34'37	3°23'52
minimum elong	-763 Feb 25 j 18:20	29°♒27'38	3°23'18
min. Earth dist.	-763 Mar 01 j 01:17	26°♒47'13	0.58918 AU
morning rise	-763 Mar 05 j 01:52	24°♒05'59	
direct	-763 Mar 11 j 07:25	22°♒24'20	
desc. node	-763 Mar 12 j 07:10	22°♒26'52	
morning max el	-763 Mar 25 j 14:56	0°♓03'49	26°55'24
	-763 Mar 25 j 13:22	0°♓	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-763 Apr 15 j 20:07	0°♈	
morning set	-763 Apr 24 j 16:42	17°♈16'18	
asc. node	-763 Apr 29 j 02:16	26°♈40'38	
	-763 Apr 30 j 14:45	0°♉	
superior conj	-763 May 01 j 19:12	2°♉36'07	0°28'17
minimum elong	-763 May 01 j 17:58	2°♉29'23	0°28'02
max. Earth dist.	-763 May 01 j 16:04	2°♉18'55	1.32388 AU
evening rise	-763 May 08 j 18:29	17°♉40'48	
	-763 May 14 j 22:06	0°♊	
	-763 Jun 03 j 15:39	0°♋	
evening max el	-763 Jun 06 j 22:37	3°♋24'24	26°23'33
desc. node	-763 Jun 08 j 06:24	4°♋37'24	
retrograde	-763 Jun 20 j 23:15	10°♋38'58	
evening set	-763 Jun 27 j 10:58	8°♋53'46	
min. Earth dist.	-763 Jul 01 j 11:43	6°♋16'08	0.59636 AU
inferior conj	-763 Jul 04 j 20:02	3°♋38'54	-4°-39'-6
minimum elong	-763 Jul 04 j 21:17	3°♋36'26	4°39'03
	-763 Jul 10 j 03:42	30°℞♊	
morning rise	-763 Jul 12 j 11:00	29°♊03'52	
direct	-763 Jul 14 j 22:08	28°♊42'09	
	-763 Jul 19 j 10:50	0°♋	
morning max el	-763 Jul 22 j 13:11	2°♋22'40	18°20'02
asc. node	-763 Jul 26 j 01:30	6°♋24'25	
morning set	-763 Aug 07 j 12:48	27°♋45'44	
	-763 Aug 08 j 16:59	0°♌	
superior conj	-763 Aug 16 j 20:29	15°♌18'13	1°40'30
minimum elong	-763 Aug 16 j 23:14	15°♌30'46	1°40'20
max. Earth dist.	-763 Aug 24 j 08:45	28°♌37'41	1.40606 AU
	-763 Aug 25 j 04:00	0°♍	
evening rise	-763 Aug 29 j 01:47	6°♍32'45	
desc. node	-763 Sep 04 j 05:47	16°♍26'43	
	-763 Sep 13 j 05:06	0°♎	
evening max el	-763 Oct 02 j 11:10	24°♎46'25	23°18'39
	-763 Oct 09 j 05:33	0°♏	
retrograde	-763 Oct 12 j 19:56	0°♏54'15	
	-763 Oct 16 j 03:32	30°℞♎	
evening set	-763 Oct 17 j 17:37	28°♎53'33	
asc. node	-763 Oct 22 j 00:41	24°♎00'33	
inferior conj	-763 Oct 23 j 03:01	22°♎30'39	0°22'41
minimum elong	-763 Oct 23 j 02:29	22°♎32'29	0°22'27
min. Earth dist.	-763 Oct 22 j 18:31	22°♎59'49	0.67606 AU
morning rise	-763 Oct 28 j 11:24	16°♎19'01	
direct	-763 Nov 01 j 15:24	14°♎42'35	
morning max el	-763 Nov 10 j 07:08	19°♎47'01	21°21'23
greatest brilliancy	-763 Nov 15 j 12:13	25°♎46'41	-0.4m
	-763 Nov 18 j 17:48	0°♏	
desc. node	-763 Dec 01 j 05:05	17°♏54'52	
	-763 Dec 09 j 02:47	0°♐	
morning set	-763 Dec 11 j 06:08	3°♐21'10	
max. Earth dist.	-763 Dec 18 j 16:37	15°♐18'53	1.42189 AU
superior conj	-763 Dec 26 j 01:00	27°♐40'36	-1°-58'-54
minimum elong	-763 Dec 25 j 22:49	27°♐31'13	1°58'52
	-763 Dec 27 j 09:15	0°♑	
evening rise	-762 Jan 06 j 06:38	17°♑38'31	
	-762 Jan 13 j 04:23	0°♒	
asc. node	-762 Jan 17 j 23:58	7°♒47'59	
evening max el	-762 Jan 22 j 20:39	13°♒53'27	18°08'40
retrograde	-762 Jan 29 j 14:17	17°♒19'55	
evening set	-762 Feb 01 j 05:22	16°♒48'46	
inferior conj	-762 Feb 07 j 22:45	11°♒51'16	3°49'39
minimum elong	-762 Feb 07 j 23:49	11°♒48'43	3°49'36
min. Earth dist.	-762 Feb 11 j 02:48	8°♒52'11	0.61004 AU
morning rise	-762 Feb 14 j 15:34	6°♒04'00	
direct	-762 Feb 21 j 11:42	3°♒46'58	
desc. node	-762 Feb 27 j 04:13	5°♒12'30	
morning max el	-762 Mar 07 j 15:49	11°♒34'51	27°38'25
	-762 Mar 22 j 03:31	0°♓	
	-762 Apr 08 j 00:31	0°♈	
morning set	-762 Apr 08 j 23:13	1°♈56'03	
max. Earth dist.	-762 Apr 15 j 04:16	15°♈08'23	1.32473 AU
asc. node	-762 Apr 15 j 23:17	16°♈52'07	
superior conj	-762 Apr 16 j 06:19	17°♈30'34	0°03'07
minimum elong	-762 Apr 16 j 06:11	17°♈29'47	0°03'05
behind sun begin	-762 Apr 16 j 01:12	17°♈02'34	
behind sun end	-762 Apr 16 j 11:09	17°♈57'01	
	-762 Apr 22 j 00:06	0°♉	
evening rise	-762 Apr 23 j 05:24	2°♉35'53	
	-762 May 08 j 02:30	0°♊	
evening max el	-762 May 19 j 16:52	14°♊31'58	25°08'00
desc. node	-762 May 26 j 03:26	19°♊28'42	
retrograde	-762 Jun 02 j 17:14	21°♊40'04	
evening set	-762 Jun 08 j 02:07	20°♊33'33	
min. Earth dist.	-762 Jun 13 j 04:33	17°♊46'34	0.57642 AU
inferior conj	-762 Jun 16 j 06:45	15°♊40'50	-4°-31'-34
minimum elong	-762 Jun 16 j 03:42	15°♊46'03	4°31'18
morning rise	-762 Jun 24 j 09:12	11°♊28'01	
direct	-762 Jun 26 j 22:08	11°♊08'54	
morning max el	-762 Jul 05 j 16:01	15°♊14'16	19°03'03
asc. node	-762 Jul 12 j 22:33	24°♊33'57	
	-762 Jul 16 j 03:26	0°♋	
morning set	-762 Jul 22 j 09:42	11°♋54'28	
superior conj	-762 Jul 30 j 19:59	28°♋28'30	1°47'23
minimum elong	-762 Jul 30 j 20:30	28°♋31'02	1°47'23
	-762 Jul 31 j 15:04	0°♌	
max. Earth dist.	-762 Aug 06 j 11:52	10°♌54'29	1.38597 AU
evening rise	-762 Aug 10 j 09:12	17°♌47'21	
	-762 Aug 17 j 16:45	0°♍	
desc. node	-762 Aug 22 j 02:47	6°♍56'40	
	-762 Sep 07 j 13:57	0°♎	
evening max el	-762 Sep 14 j 23:06	8°♎19'28	24°37'56
retrograde	-762 Sep 26 j 09:37	15°♎00'09	
evening set	-762 Oct 01 j 21:58	12°♎41'15	
min. Earth dist.	-762 Oct 06 j 13:50	7°♎21'48	0.67327 AU
inferior conj	-762 Oct 07 j 08:50	6°♎18'30	0°-31'-49
minimum elong	-762 Oct 07 j 09:36	6°♎15'54	0°31'29
asc. node	-762 Oct 08 j 21:44	4°♎17'43	
morning rise	-762 Oct 12 j 21:38	0°♎13'00	
	-762 Oct 13 j 05:24	30°℞♍	
direct	-762 Oct 16 j 12:51	28°♍57'04	
	-762 Oct 20 j 01:20	0°♎	
morning max el	-762 Oct 24 j 05:57	3°♎23'42	20°08'48
greatest brilliancy	-762 Oct 31 j 05:27	11°♎53'08	-0.6m
	-762 Nov 12 j 15:07	0°♏	
desc. node	-762 Nov 18 j 02:07	8°♏20'24	
morning set	-762 Nov 20 j 03:13	11°♏29'43	
max. Earth dist.	-762 Dec 01 j 02:09	28°♏42'33	1.43761 AU
	-762 Dec 01 j 21:28	0°♐	
superior conj	-762 Dec 06 j 14:06	7°♐36'36	-1°-42'-42
minimum elong	-762 Dec 06 j 07:23	7°♐09'04	1°42'12
evening rise	-762 Dec 19 j 14:05	29°♐32'14	
	-762 Dec 19 j 20:30	0°♑	
asc. node	-761 Jan 04 j 21:00	25°♑28'49	
evening max el	-761 Jan 06 j 08:59	27°♑07'13	18°12'03
	-761 Jan 10 j 06:26	0°♒	
retrograde	-761 Jan 12 j 21:04	0°♒35'10	
	-761 Jan 15 j 11:50	30°℞♑	
evening set	-761 Jan 15 j 16:09	29°♑55'03	
inferior conj	-761 Jan 21 j 22:27	24°♑36'53	3°50'54

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-761 Jan 21 j 21:27	24°♑39'35	3°50'50
min. Earth dist.	-761 Jan 24 j 13:24	21°♑48'44	0.62965 AU
morning rise	-761 Jan 28 j 00:51	18°♑37'33	
direct	-761 Feb 04 j 00:55	15°♑55'59	
desc. node	-761 Feb 14 j 01:16	20°♑18'30	
morning max el	-761 Feb 17 j 22:16	23°♑47'02	27°44'34
	-761 Feb 23 j 12:53	0°♒	
	-761 Mar 15 j 10:06	0°♓	
morning set	-761 Mar 23 j 23:57	16°♓15'35	
max. Earth dist.	-761 Mar 29 j 11:48	27°♓39'20	1.32938 AU
	-761 Mar 30 j 14:08	0°♈	
superior conj	-761 Mar 31 j 15:08	2°♈14'31	0°-23'-12
minimum elong	-761 Mar 31 j 16:14	2°♈20'26	0°22'59
asc. node	-761 Apr 02 j 20:19	7°♈02'07	
evening rise	-761 Apr 07 j 17:13	17°♈29'50	
	-761 Apr 13 j 22:18	0°♉	
evening max el	-761 May 01 j 07:30	25°♉11'00	23°35'45
	-761 May 07 j 15:49	0°♊	
desc. node	-761 May 13 j 00:26	1°♊52'19	
retrograde	-761 May 14 j 23:19	2°♊01'00	
evening set	-761 May 18 j 21:43	1°♊26'53	
	-761 May 22 j 14:01	30°℞♉	
min. Earth dist.	-761 May 25 j 18:06	28°♉15'47	0.56027 AU
inferior conj	-761 May 27 j 21:20	26°♉58'57	-3°-43'-44
minimum elong	-761 May 27 j 14:39	27°♉09'01	3°42'16
morning rise	-761 Jun 05 j 11:10	23°♉01'53	
direct	-761 Jun 08 j 02:39	22°♉44'24	
morning max el	-761 Jun 18 j 09:04	27°♉29'17	20°06'55
	-761 Jun 20 j 19:26	0°♊	
asc. node	-761 Jun 29 j 19:35	13°♊23'01	
morning set	-761 Jul 06 j 13:32	26°♊25'14	
	-761 Jul 08 j 07:41	0°♋	
superior conj	-761 Jul 14 j 09:08	12°♋20'47	1°45'21
minimum elong	-761 Jul 14 j 07:58	12°♋14'55	1°45'19
max. Earth dist.	-761 Jul 19 j 16:17	22°♋44'14	1.36693 AU
evening rise	-761 Jul 23 j 15:34	0°♌08'49	
	-761 Jul 23 j 13:38	0°♌	
desc. node	-761 Aug 08 j 23:48	27°♌11'28	
	-761 Aug 10 j 21:30	0°♍	
evening max el	-761 Aug 28 j 10:19	21°♍54'49	25°49'42
retrograde	-761 Sep 09 j 18:52	28°♍59'02	
evening set	-761 Sep 15 j 21:53	26°♍24'47	
min. Earth dist.	-761 Sep 20 j 05:32	21°♍41'41	0.66718 AU
inferior conj	-761 Sep 21 j 11:38	20°♍06'08	-1°-27'-20
minimum elong	-761 Sep 21 j 13:49	19°♍59'12	1°26'28
asc. node	-761 Sep 25 j 18:47	15°♍16'17	
morning rise	-761 Sep 27 j 06:34	14°♍09'39	
direct	-761 Sep 30 j 11:11	13°♍10'53	
morning max el	-761 Oct 07 j 12:04	17°♍09'07	19°10'10
	-761 Oct 17 j 07:03	0°♎	
morning set	-761 Oct 30 j 08:35	20°♎09'56	
desc. node	-761 Nov 04 j 23:08	28°♎56'19	
	-761 Nov 05 j 15:24	0°♏	
max. Earth dist.	-761 Nov 13 j 17:17	12°♏41'10	1.44731 AU
superior conj	-761 Nov 16 j 01:57	16°♏25'08	-1°-8'-25
minimum elong	-761 Nov 15 j 18:13	15°♏54'32	1°07'33
	-761 Nov 24 j 13:43	0°♐	
evening rise	-761 Nov 30 j 23:58	10°♐28'58	
	-761 Dec 13 j 00:30	0°♑	
evening max el	-761 Dec 20 j 21:01	10°♑29'18	18°33'59
asc. node	-761 Dec 22 j 18:02	12°♑11'44	
retrograde	-761 Dec 27 j 11:56	14°♑09'42	
evening set	-761 Dec 30 j 11:57	13°♑19'23	
inferior conj	-760 Jan 05 j 10:02	7°♑42'38	3°34'33
minimum elong	-760 Jan 05 j 07:43	7°♑49'28	3°34'10
min. Earth dist.	-760 Jan 07 j 09:49	5°♑21'31	0.64635 AU
morning rise	-760 Jan 11 j 02:12	1°♑35'32	
	-760 Jan 13 j 08:14	30°℞♐	
direct	-760 Jan 17 j 21:33	28°♐44'18	
	-760 Jan 22 j 20:12	0°♑	
morning max el	-760 Jan 31 j 07:30	6°♑30'12	27°15'41
desc. node	-760 Jan 31 j 22:19	7°♑07'43	
	-760 Feb 18 j 09:33	0°♒	
morning set	-760 Mar 06 j 15:58	0°♓04'28	
	-760 Mar 06 j 15:03	0°♓	
max. Earth dist.	-760 Mar 11 j 10:38	9°♓38'31	1.33820 AU
superior conj	-760 Mar 14 j 19:42	16°♓40'45	0°-49'-40
minimum elong	-760 Mar 14 j 22:02	16°♓53'05	0°49'13
asc. node	-760 Mar 19 j 17:20	27°♓05'42	
	-760 Mar 21 j 02:16	0°♈	
evening rise	-760 Mar 22 j 04:03	2°♈15'26	
	-760 Apr 06 j 22:19	0°♉	
evening max el	-760 Apr 12 j 01:22	5°♉50'33	22°01'35
retrograde	-760 Apr 24 j 17:28	12°♉02'15	
evening set	-760 Apr 27 j 11:05	11°♉45'40	
desc. node	-760 Apr 28 j 21:27	11°♉24'28	
inferior conj	-760 May 06 j 20:11	7°♉40'04	-2°-12'-9
minimum elong	-760 May 06 j 14:22	7°♉48'16	2°10'16
min. Earth dist.	-760 May 06 j 07:13	7°♉58'19	0.55127 AU
morning rise	-760 May 15 j 19:04	3°♉44'24	
direct	-760 May 18 j 16:39	3°♉25'36	
morning max el	-760 May 30 j 15:02	9°♉01'45	21°30'00
	-760 Jun 14 j 06:39	0°♊	
asc. node	-760 Jun 15 j 16:37	2°♊41'53	
morning set	-760 Jun 19 j 22:00	11°♊11'33	
superior conj	-760 Jun 27 j 07:51	26°♊42'56	1°36'23
minimum elong	-760 Jun 27 j 05:41	26°♊31'39	1°36'13
	-760 Jun 28 j 21:58	0°♋	
max. Earth dist.	-760 Jul 01 j 04:13	4°♋35'59	1.35082 AU
evening rise	-760 Jul 05 j 16:02	13°♋24'37	
	-760 Jul 14 j 21:47	0°♌	
desc. node	-760 Jul 25 j 20:48	17°♌04'14	
	-760 Aug 04 j 19:04	0°♍	
evening max el	-760 Aug 09 j 22:07	5°♍28'13	26°46'01
retrograde	-760 Aug 22 j 23:00	12°♍44'40	
evening set	-760 Aug 29 j 15:10	10°♍00'59	
min. Earth dist.	-760 Sep 02 j 15:16	5°♍55'36	0.65763 AU
inferior conj	-760 Sep 04 j 09:32	3°♍50'32	-2°-22'-2
minimum elong	-760 Sep 04 j 13:01	3°♍40'11	2°20'46
	-760 Sep 07 j 22:14	30°℞♌	
morning rise	-760 Sep 10 j 12:06	28°♌06'11	
asc. node	-760 Sep 11 j 15:49	27°♌36'56	
direct	-760 Sep 13 j 08:33	27°♌20'49	
	-760 Sep 18 j 22:43	0°♍	
morning max el	-760 Sep 19 j 23:50	0°♍59'45	18°27'25
morning set	-760 Oct 09 j 15:45	0°♎08'57	
	-760 Oct 09 j 13:32	0°♎	
desc. node	-760 Oct 21 j 20:10	19°♎39'08	
superior conj	-760 Oct 25 j 02:15	24°♎47'20	0°-21'-7
minimum elong	-760 Oct 24 j 23:28	24°♎36'20	0°20'46
max. Earth dist.	-760 Oct 26 j 11:35	26°♎58'30	1.44989 AU
	-760 Oct 28 j 09:46	0°♏	
evening rise	-760 Nov 10 j 09:54	20°♏26'24	
	-760 Nov 16 j 11:28	0°♐	
greatest brilliancy	-760 Nov 23 j 00:26	10°♐09'42	-0.7m
evening max el	-760 Dec 03 j 06:30	23°♐56'01	19°13'16
asc. node	-760 Dec 08 j 15:04	27°♐42'25	
retrograde	-760 Dec 10 j 07:27	27°♐58'11	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-760 Dec 13 j 13:58	26°♐55'54	
inferior conj	-760 Dec 19 j 06:09	21°♐03'05	3°05'39
minimum elong	-760 Dec 19 j 03:19	21°♐12'08	3°04'55
min. Earth dist.	-760 Dec 20 j 15:11	19°♐17'56	0.65935 AU
morning rise	-760 Dec 24 j 15:48	14°♐51'00	
direct	-760 Dec 31 j 00:27	12°♐04'12	
morning max el	-759 Jan 12 j 16:57	19°♐32'42	26°18'15
desc. node	-759 Jan 17 j 19:23	25°♐10'49	
	-759 Jan 21 j 15:56	0°♑	
	-759 Feb 10 j 10:59	0°♒	
morning set	-759 Feb 17 j 19:27	13°♒10'56	
max. Earth dist.	-759 Feb 21 j 21:56	21°♒02'29	1.35159 AU
	-759 Feb 26 j 09:24	0°♓	
superior conj	-759 Feb 26 j 17:42	0°♓42'25	-1°-14'-53
minimum elong	-759 Feb 26 j 21:03	0°♓59'30	1°14'22
evening rise	-759 Mar 06 j 12:05	16°♓46'44	
asc. node	-759 Mar 06 j 14:23	16°♓58'34	
	-759 Mar 13 j 06:01	0°♈	
evening max el	-759 Mar 25 j 04:23	16°♈56'18	20°37'31
retrograde	-759 Apr 05 j 06:26	22°♈15'54	
evening set	-759 Apr 07 j 11:15	22°♈04'11	
desc. node	-759 Apr 15 j 18:31	18°♈36'12	
inferior conj	-759 Apr 16 j 14:55	18°♈06'54	0°-14'-33
minimum elong	-759 Apr 16 j 14:15	18°♈07'53	0°14'18
transit middle	-759 Apr 16 j 14:15	18°♈07'53	0°14'18
transit begin	-759 Apr 16 j 12:29	18°♈10'25	
transit end	-759 Apr 16 j 16:00	18°♈05'20	
min. Earth dist.	-759 Apr 17 j 20:45	17°♈23'55	0.55158 AU
morning rise	-759 Apr 25 j 15:38	13°♈54'29	
direct	-759 Apr 29 j 04:14	13°♈27'33	
morning max el	-759 May 12 j 11:11	19°♈54'52	23°06'56
	-759 May 20 j 21:38	0°♉	
asc. node	-759 Jun 02 j 13:39	22°♉22'37	
morning set	-759 Jun 04 j 09:06	26°♉07'30	
	-759 Jun 06 j 05:08	0°♊	
superior conj	-759 Jun 11 j 13:02	11°♊25'07	1°22'05
minimum elong	-759 Jun 11 j 10:31	11°♊11'38	1°21'46
max. Earth dist.	-759 Jun 14 j 02:06	16°♊48'37	1.33848 AU
evening rise	-759 Jun 19 j 05:49	27°♊20'47	
	-759 Jun 20 j 14:15	0°♋	
	-759 Jul 08 j 04:12	0°♌	
desc. node	-759 Jul 12 j 17:49	6°♌25'09	
evening max el	-759 Jul 23 j 09:47	18°♌48'55	27°19'15
retrograde	-759 Aug 05 j 21:22	26°♌08'47	
evening set	-759 Aug 12 j 23:06	23°♌24'51	
min. Earth dist.	-759 Aug 16 j 16:43	19°♌56'04	0.64447 AU
inferior conj	-759 Aug 19 j 00:08	17°♌26'22	-3°-13'-28
minimum elong	-759 Aug 19 j 04:33	17°♌14'25	3°12'09
morning rise	-759 Aug 25 j 11:44	11°♌57'37	
direct	-759 Aug 28 j 02:33	11°♌22'10	
asc. node	-759 Aug 29 j 12:53	11°♌32'51	
morning max el	-759 Sep 03 j 14:47	14°♌50'00	18°01'39
	-759 Sep 14 j 07:12	0°♍	
morning set	-759 Sep 21 j 02:52	11°♍29'13	
	-759 Oct 02 j 05:46	0°♎	
superior conj	-759 Oct 04 j 12:58	3°♎43'45	0°27'13
minimum elong	-759 Oct 04 j 16:03	3°♎56'15	0°26'48
desc. node	-759 Oct 08 j 17:11	10°♎25'03	
max. Earth dist.	-759 Oct 09 j 05:58	11°♎15'47	1.44512 AU
evening rise	-759 Oct 20 j 23:27	29°♎35'16	
	-759 Oct 21 j 05:52	0°♏	
greatest brilliancy	-759 Nov 09 j 15:51	29°♏00'03	-0.6m
	-759 Nov 10 j 09:26	0°♐	
evening max el	-759 Nov 16 j 11:24	7°♐23'57	20°08'06
retrograde	-759 Nov 24 j 04:55	11°♐56'05	
asc. node	-759 Nov 25 j 12:08	11°♐46'25	
evening set	-759 Nov 27 j 19:49	10°♐39'45	
inferior conj	-759 Dec 03 j 08:02	4°♐33'50	2°27'36
minimum elong	-759 Dec 03 j 05:18	4°♐43'00	2°26'43
min. Earth dist.	-759 Dec 04 j 03:48	3°♐27'37	0.66846 AU
	-759 Dec 06 j 22:16	30°℞♏	
morning rise	-759 Dec 08 j 14:13	28°♏18'55	
direct	-759 Dec 14 j 08:43	25°♏46'52	
	-759 Dec 23 j 02:56	0°♐	
morning max el	-759 Dec 26 j 01:34	2°♐44'35	25°01'21
desc. node	-758 Jan 04 j 16:27	14°♐06'01	
	-758 Jan 15 j 20:28	0°♑	
morning set	-758 Jan 31 j 05:17	25°♑20'33	
	-758 Feb 02 j 19:06	0°♒	
max. Earth dist.	-758 Feb 03 j 22:36	2°♒06'43	1.36923 AU
superior conj	-758 Feb 10 j 06:13	14°♒11'10	-1°-37'-1
minimum elong	-758 Feb 10 j 09:56	14°♒29'28	1°36'37
	-758 Feb 18 j 03:42	0°♓	
evening rise	-758 Feb 18 j 15:10	0°♓57'35	
asc. node	-758 Feb 21 j 11:27	6°♓36'00	
evening max el	-758 Mar 07 j 18:29	28°♓39'16	19°30'25
	-758 Mar 09 j 07:02	0°♈	
retrograde	-758 Mar 17 j 03:41	3°♈09'08	
evening set	-758 Mar 19 j 08:03	2°♈55'38	
	-758 Mar 25 j 23:31	30°℞♓	
inferior conj	-758 Mar 27 j 19:53	28°♓49'52	1°35'39
minimum elong	-758 Mar 27 j 23:34	28°♓43'56	1°34'28
min. Earth dist.	-758 Mar 30 j 11:16	27°♓08'12	0.56107 AU
desc. node	-758 Apr 02 j 15:34	25°♓19'00	
morning rise	-758 Apr 05 j 11:27	24°♓07'03	
direct	-758 Apr 10 j 00:29	23°♓20'28	
	-758 Apr 23 j 14:43	0°♈	
morning max el	-758 Apr 24 j 02:18	0°♈27'16	24°47'07
	-758 May 14 j 08:48	0°♉	
morning set	-758 May 19 j 21:12	11°♉07'40	
asc. node	-758 May 20 j 10:44	12°♉19'02	
superior conj	-758 May 26 j 22:21	26°♉19'59	1°03'38
minimum elong	-758 May 26 j 20:00	26°♉07'15	1°03'14
max. Earth dist.	-758 May 28 j 08:27	29°♉24'47	1.32994 AU
	-758 May 28 j 14:59	0°♊	
evening rise	-758 Jun 03 j 05:05	11°♊45'46	
	-758 Jun 12 j 19:35	0°♋	
desc. node	-758 Jun 29 j 14:50	25°♋00'57	
	-758 Jul 04 j 01:17	0°♌	
evening max el	-758 Jul 05 j 19:11	1°♌44'00	27°23'10
retrograde	-758 Jul 19 j 13:29	9°♌03'03	
evening set	-758 Jul 26 j 18:13	6°♌31'03	
min. Earth dist.	-758 Jul 30 j 08:10	3°♌33'00	0.62781 AU
inferior conj	-758 Aug 02 j 04:40	0°♌47'33	-3°-57'-58
minimum elong	-758 Aug 02 j 09:08	0°♌36'44	3°57'00
	-758 Aug 03 j 00:26	30°℞♋	
morning rise	-758 Aug 09 j 02:24	25°♋37'54	
direct	-758 Aug 11 j 14:01	25°♋09'28	
asc. node	-758 Aug 16 j 09:57	26°♋58'44	
morning max el	-758 Aug 18 j 06:13	28°♋34'33	17°53'44
	-758 Aug 19 j 14:18	0°♌	
morning set	-758 Sep 03 j 12:57	23°♌55'13	
	-758 Sep 06 j 23:19	0°♍	
superior conj	-758 Sep 15 j 00:59	13°♍56'03	1°06'02
minimum elong	-758 Sep 15 j 06:09	14°♍17'47	1°05'26
max. Earth dist.	-758 Sep 21 j 21:08	25°♍14'01	1.43366 AU
	-758 Sep 24 j 20:20	0°♎	
desc. node	-758 Sep 25 j 14:12	1°♎11'04	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening rise	-758 Sep 30 j 05:54	8°♎29'31	
	-758 Oct 14 j 12:31	0°♏	
greatest brilliancy	-758 Oct 25 j 05:35	14°♏48'47	-0.4m
evening max el	-758 Oct 30 j 10:31	20°♏51'35	21°15'50
retrograde	-758 Nov 08 j 02:10	25°♏59'58	
evening set	-758 Nov 12 j 03:28	24°♏27'33	
asc. node	-758 Nov 12 j 09:12	24°♏16'15	
inferior conj	-758 Nov 17 j 13:24	18°♏11'55	1°42'47
minimum elong	-758 Nov 17 j 11:15	18°♏19'20	1°41'58
min. Earth dist.	-758 Nov 17 j 21:28	17°♏44'12	0.67394 AU
morning rise	-758 Nov 22 j 18:43	11°♏56'14	
direct	-758 Nov 27 j 21:46	9°♏44'46	
morning max el	-758 Dec 08 j 10:28	16°♏01'04	23°34'52
	-758 Dec 19 j 22:28	0°♐	
desc. node	-758 Dec 22 j 13:30	3°♐38'00	
	-757 Jan 08 j 20:49	0°♑	
morning set	-757 Jan 12 j 15:11	6°♑16'13	
max. Earth dist.	-757 Jan 16 j 18:05	13°♑22'32	1.38978 AU
superior conj	-757 Jan 24 j 05:14	26°♑55'47	-1°-53'-27
minimum elong	-757 Jan 24 j 08:09	27°♑09'25	1°53'19
	-757 Jan 25 j 20:19	0°♒	
evening rise	-757 Feb 02 j 10:38	14°♒40'01	
asc. node	-757 Feb 08 j 08:31	25°♒51'24	
	-757 Feb 10 j 17:18	0°♓	
evening max el	-757 Feb 18 j 18:25	10°♓57'17	18°42'53
retrograde	-757 Feb 26 j 18:11	14°♓50'10	
evening set	-757 Mar 01 j 02:29	14°♓31'20	
inferior conj	-757 Mar 08 j 20:02	10°♓07'49	2°54'42
minimum elong	-757 Mar 09 j 00:21	9°♓59'42	2°53'42
min. Earth dist.	-757 Mar 12 j 04:13	7°♓38'27	0.57765 AU
morning rise	-757 Mar 16 j 18:09	4°♓53'21	
desc. node	-757 Mar 20 j 12:38	3°♓42'57	
direct	-757 Mar 22 j 10:16	3°♓33'56	
morning max el	-757 Apr 05 j 18:25	11°♓05'35	26°15'38
	-757 Apr 20 j 07:59	0°♈	
morning set	-757 May 04 j 08:32	26°♈04'49	
	-757 May 06 j 04:53	0°♉	
asc. node	-757 May 07 j 07:48	2°♉24'48	
superior conj	-757 May 11 j 09:43	11°♉19'26	0°41'57
minimum elong	-757 May 11 j 07:59	11°♉09'56	0°41'35
max. Earth dist.	-757 May 11 j 19:51	12°♉15'01	1.32506 AU
evening rise	-757 May 18 j 10:40	26°♉28'29	
	-757 May 20 j 03:47	0°♊	
	-757 Jun 06 j 09:12	0°♋	
desc. node	-757 Jun 16 j 11:52	12°♋31'54	
evening max el	-757 Jun 17 j 23:38	14°♋00'19	26°54'28
retrograde	-757 Jul 01 j 22:38	21°♋17'33	
evening set	-757 Jul 08 j 20:11	19°♋11'33	
min. Earth dist.	-757 Jul 12 j 13:23	16°♋31'32	0.60825 AU
inferior conj	-757 Jul 15 j 19:42	13°♋45'20	-4°-29'-50
minimum elong	-757 Jul 15 j 22:42	13°♋38'56	4°29'30
morning rise	-757 Jul 23 j 04:19	8°♋57'33	
direct	-757 Jul 25 j 14:58	8°♋33'57	
morning max el	-757 Aug 01 j 19:11	12°♋05'42	18°04'45
asc. node	-757 Aug 03 j 07:01	13°♋40'03	
	-757 Aug 13 j 18:46	0°♌	
morning set	-757 Aug 17 j 16:09	7°♌10'35	
superior conj	-757 Aug 27 j 16:03	25°♌28'39	1°31'35
minimum elong	-757 Aug 27 j 20:03	25°♌46'25	1°31'15
	-757 Aug 30 j 05:44	0°♍	
max. Earth dist.	-757 Sep 04 j 06:34	8°♍35'42	1.41702 AU
evening rise	-757 Sep 09 j 23:34	17°♍56'48	
desc. node	-757 Sep 12 j 11:13	21°♍53'59	
	-757 Sep 17 j 16:40	0°♎	
greatest brilliancy	-757 Oct 08 j 08:44	28°♎56'47	-0.3m
	-757 Oct 09 j 05:49	0°♏	
evening max el	-757 Oct 13 j 03:53	4°♏19'49	22°32'36
retrograde	-757 Oct 22 j 21:30	10°♏07'07	
evening set	-757 Oct 27 j 11:10	8°♏17'03	
asc. node	-757 Oct 30 j 06:15	5°♏22'32	
inferior conj	-757 Nov 01 j 20:20	1°♏55'30	0°53'00
minimum elong	-757 Nov 01 j 19:08	1°♏59'41	0°52'30
min. Earth dist.	-757 Nov 01 j 17:45	2°♏04'27	0.67610 AU
	-757 Nov 03 j 06:08	30°℞♎	
morning rise	-757 Nov 07 j 03:00	25°♎41'28	
direct	-757 Nov 11 j 15:00	23°♎52'25	
morning max el	-757 Nov 20 j 22:31	29°♎22'56	22°08'15
	-757 Nov 21 j 12:56	0°♏	
greatest brilliancy	-757 Nov 25 j 15:22	4°♏40'59	-0.4m
desc. node	-757 Dec 09 j 10:32	23°♏36'25	
	-757 Dec 13 j 17:22	0°♐	
morning set	-757 Dec 23 j 20:13	15°♐47'40	
max. Earth dist.	-757 Dec 29 j 15:38	25°♐20'37	1.41070 AU
	-756 Jan 01 j 09:35	0°♑	
superior conj	-756 Jan 06 j 09:49	8°♑44'15	-2°00'-40
minimum elong	-756 Jan 06 j 10:04	8°♑45'22	2°00'42
evening rise	-756 Jan 16 j 19:16	27°♑46'38	
	-756 Jan 17 j 23:55	0°♒	
asc. node	-756 Jan 26 j 05:34	14°♒37'42	
evening max el	-756 Feb 02 j 01:35	23°♒43'52	18°15'30
retrograde	-756 Feb 09 j 03:03	27°♒15'33	
evening set	-756 Feb 11 j 15:43	26°♒49'20	
inferior conj	-756 Feb 18 j 17:02	22°♒04'41	3°38'16
minimum elong	-756 Feb 18 j 19:29	21°♒59'19	3°37'59
min. Earth dist.	-756 Feb 22 j 02:02	19°♒08'58	0.59800 AU
morning rise	-756 Feb 25 j 19:53	16°♒26'51	
direct	-756 Mar 03 j 08:55	14°♒29'04	
desc. node	-756 Mar 06 j 09:42	14°♒53'17	
morning max el	-756 Mar 17 j 15:40	22°♒13'48	27°17'58
	-756 Mar 24 j 12:20	0°♓	
	-756 Apr 12 j 06:36	0°♈	
morning set	-756 Apr 17 j 17:22	10°♈52'51	
asc. node	-756 Apr 23 j 04:51	22°♈35'31	
superior conj	-756 Apr 24 j 21:25	26°♈17'35	0°17'49
minimum elong	-756 Apr 24 j 20:38	26°♈13'14	0°17'38
max. Earth dist.	-756 Apr 24 j 08:40	25°♈07'39	1.32379 AU
	-756 Apr 26 j 13:59	0°♉	
evening rise	-756 May 01 j 20:13	11°♉21'05	
	-756 May 11 j 09:55	0°♊	
evening max el	-756 May 29 j 21:34	25°♊32'14	25°54'14
desc. node	-756 Jun 02 j 08:54	28°♊31'16	
	-756 Jun 04 j 12:01	0°♋	
retrograde	-756 Jun 12 j 23:08	2°♋45'32	
evening set	-756 Jun 19 j 00:40	1°♋16'45	
	-756 Jun 21 j 08:23	30°℞♊	
min. Earth dist.	-756 Jun 23 j 10:10	28°♊36'59	0.58764 AU
inferior conj	-756 Jun 26 j 17:40	26°♊10'29	-4°-40'-6
minimum elong	-756 Jun 26 j 17:14	26°♊11'17	4°40'07
morning rise	-756 Jul 04 j 13:31	21°♊45'18	
direct	-756 Jul 07 j 01:06	21°♊24'57	
morning max el	-756 Jul 15 j 02:35	25°♊14'40	18°35'44
	-756 Jul 19 j 04:52	0°♋	
asc. node	-756 Jul 20 j 04:04	1°♋21'30	
morning set	-756 Jul 31 j 07:41	21°♋02'39	
	-756 Aug 04 j 22:41	0°♌	
superior conj	-756 Aug 09 j 05:20	8°♌07'47	1°44'39
minimum elong	-756 Aug 09 j 07:06	8°♌16'02	1°44'35
max. Earth dist.	-756 Aug 16 j 10:42	21°♌13'24	1.39751 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening rise	-756 Aug 20 j 16:27	28°♌30'05	
	-756 Aug 21 j 13:56	0°♍	
desc. node	-756 Aug 29 j 08:13	12°♍29'53	
	-756 Sep 10 j 05:12	0°♎	
evening max el	-756 Sep 24 j 17:10	17°♎50'47	23°52'56
retrograde	-756 Oct 05 j 13:29	24°♎14'02	
evening set	-756 Oct 10 j 17:11	22°♎05'40	
min. Earth dist.	-756 Oct 15 j 14:10	16°♎25'57	0.67518 AU
inferior conj	-756 Oct 16 j 03:02	15°♎42'14	0°00'-12
minimum elong	-756 Oct 16 j 03:02	15°♎42'13	0°00'13
transit middle	-756 Oct 16 j 03:02	15°♎42'13	0°00'13
transit begin	-756 Oct 16 j 00:19	15°♎51'28	
transit end	-756 Oct 16 j 05:45	15°♎32'59	
asc. node	-756 Oct 16 j 03:17	15°♎41'22	
morning rise	-756 Oct 21 j 13:02	9°♎32'35	
direct	-756 Oct 25 j 11:21	8°♎05'08	
morning max el	-756 Nov 02 j 16:46	12°♎52'49	20°48'56
greatest brilliancy	-756 Nov 08 j 13:09	19°♎45'11	-0.5m
	-756 Nov 15 j 23:03	0°♏	
desc. node	-756 Nov 25 j 07:31	13°♏53'17	
morning set	-756 Dec 01 j 23:45	24°♏09'21	
	-756 Dec 05 j 17:04	0°♐	
max. Earth dist.	-756 Dec 10 j 20:14	8°♐13'17	1.42916 AU
superior conj	-756 Dec 17 j 14:24	19°♐23'07	-1°-54'-14
minimum elong	-756 Dec 17 j 10:12	19°♐05'25	1°54'02
	-756 Dec 23 j 19:04	0°♑	
evening rise	-756 Dec 29 j 13:03	10°♑08'16	
	-755 Jan 10 j 04:32	0°♒	
asc. node	-755 Jan 12 j 02:36	2°♒45'14	
evening max el	-755 Jan 15 j 12:53	6°♒49'40	18°07'52
retrograde	-755 Jan 22 j 02:56	10°♒14'58	
evening set	-755 Jan 24 j 19:44	9°♒40'06	
inferior conj	-755 Jan 31 j 08:03	4°♒33'55	3°52'42
minimum elong	-755 Jan 31 j 08:10	4°♒33'38	3°52'42
min. Earth dist.	-755 Feb 03 j 07:11	1°♒36'51	0.61868 AU
	-755 Feb 05 j 01:52	30°℞♑	
morning rise	-755 Feb 06 j 18:14	28°♑41'03	
direct	-755 Feb 13 j 17:28	26°♑11'34	
desc. node	-755 Feb 21 j 06:44	28°♑42'21	
	-755 Feb 23 j 04:01	0°♒	
morning max el	-755 Feb 27 j 18:53	4°♒01'35	27°45'29
	-755 Mar 19 j 02:56	0°♓	
morning set	-755 Apr 01 j 21:43	25°♓24'47	
	-755 Apr 04 j 02:57	0°♈	
max. Earth dist.	-755 Apr 07 j 19:12	7°♈50'02	1.32620 AU
superior conj	-755 Apr 09 j 07:48	11°♈08'27	0°-7'-58
minimum elong	-755 Apr 09 j 08:10	11°♈10'28	0°07'54
behind sun begin	-755 Apr 09 j 03:42	10°♈46'09	
behind sun end	-755 Apr 09 j 12:38	11°♈34'47	
asc. node	-755 Apr 10 j 01:53	12°♈46'57	
evening rise	-755 Apr 16 j 07:43	26°♈16'31	
	-755 Apr 18 j 02:30	0°♉	
	-755 May 05 j 19:57	0°♊	
evening max el	-755 May 11 j 13:55	6°♊26'00	24°30'03
desc. node	-755 May 20 j 05:55	12°♊24'36	
retrograde	-755 May 25 j 12:16	13°♊27'57	
evening set	-755 May 30 j 06:34	12°♊37'02	
min. Earth dist.	-755 Jun 05 j 01:28	9°♊41'08	0.56889 AU
inferior conj	-755 Jun 07 j 19:50	7°♊54'46	-4°-16'-49
minimum elong	-755 Jun 07 j 14:56	8°♊02'42	4°16'06
morning rise	-755 Jun 16 j 03:08	3°♊49'26	
direct	-755 Jun 18 j 16:59	3°♊31'09	
morning max el	-755 Jun 28 j 01:30	7°♊52'00	19°27'36
asc. node	-755 Jul 07 j 01:06	19°♊49'36	
	-755 Jul 12 j 14:35	0°♋	
morning set	-755 Jul 15 j 07:55	5°♋22'19	
superior conj	-755 Jul 23 j 11:14	21°♋37'56	1°47'28
minimum elong	-755 Jul 23 j 10:58	21°♋36'35	1°47'29
	-755 Jul 27 j 19:37	0°♌	
max. Earth dist.	-755 Jul 29 j 13:51	3°♌17'03	1.37767 AU
evening rise	-755 Aug 02 j 10:17	10°♌15'24	
	-755 Aug 14 j 07:48	0°♍	
desc. node	-755 Aug 16 j 05:14	2°♍54'33	
	-755 Sep 05 j 18:46	0°♎	
evening max el	-755 Sep 07 j 04:49	1°♎26'16	25°09'53
retrograde	-755 Sep 19 j 01:15	8°♎17'38	
evening set	-755 Sep 24 j 19:52	5°♎52'00	
min. Earth dist.	-755 Sep 29 j 08:17	0°♎47'37	0.67114 AU
	-755 Sep 29 j 22:51	30°℞♍	
inferior conj	-755 Sep 30 j 07:48	29°♍30'40	0°-55'-18
minimum elong	-755 Sep 30 j 09:10	29°♍26'10	0°54'45
asc. node	-755 Oct 03 j 00:18	26°♍10'02	
morning rise	-755 Oct 05 j 22:59	23°♍28'28	
direct	-755 Oct 09 j 09:31	22°♍20'04	
morning max el	-755 Oct 16 j 18:43	26°♍33'12	19°41'55
	-755 Oct 19 j 20:04	0°♎	
greatest brilliancy	-755 Oct 24 j 22:45	6°♎49'09	-0.6m
	-755 Nov 09 j 08:25	0°♏	
morning set	-755 Nov 10 j 21:15	2°♏22'25	
desc. node	-755 Nov 12 j 04:33	4°♏23'39	
max. Earth dist.	-755 Nov 23 j 08:38	21°♏54'30	1.44264 AU
superior conj	-755 Nov 27 j 15:59	28°♏47'41	-1°-30'-16
minimum elong	-755 Nov 27 j 08:06	28°♏15'58	1°29'33
	-755 Nov 28 j 09:55	0°♐	
evening rise	-755 Dec 11 j 11:42	21°♐37'51	
	-755 Dec 16 j 10:29	0°♑	
asc. node	-755 Dec 29 j 23:37	20°♑02'47	
evening max el	-755 Dec 30 j 01:25	20°♑07'23	18°19'14
retrograde	-754 Jan 05 j 13:34	23°♑39'01	
evening set	-754 Jan 08 j 10:44	22°♑54'34	
inferior conj	-754 Jan 14 j 13:11	17°♑28'07	3°45'45
minimum elong	-754 Jan 14 j 11:32	17°♑32'46	3°45'34
min. Earth dist.	-754 Jan 16 j 21:41	14°♑50'13	0.63722 AU
morning rise	-754 Jan 20 j 10:47	11°♑25'21	
direct	-754 Jan 27 j 09:51	8°♑37'59	
desc. node	-754 Feb 08 j 03:46	14°♑35'51	
morning max el	-754 Feb 10 j 02:40	16°♑27'09	27°36'20
	-754 Feb 21 j 08:23	0°♒	
	-754 Mar 11 j 20:05	0°♓	
morning set	-754 Mar 16 j 19:06	9°♓32'03	
max. Earth dist.	-754 Mar 21 j 23:33	20°♓08'41	1.33259 AU
superior conj	-754 Mar 24 j 15:03	25°♓45'29	0°-34'-29
minimum elong	-754 Mar 24 j 16:41	25°♓54'13	0°34'09
	-754 Mar 26 j 14:28	0°♈	
asc. node	-754 Mar 27 j 22:55	2°♈54'40	
evening rise	-754 Mar 31 j 19:21	11°♈07'46	
	-754 Apr 10 j 13:51	0°♉	
evening max el	-754 Apr 23 j 05:09	17°♉01'52	22°55'11
retrograde	-754 May 06 j 12:31	23°♉37'28	
desc. node	-754 May 07 j 02:58	23°♉36'39	
evening set	-754 May 09 j 21:25	23°♉12'35	
min. Earth dist.	-754 May 17 j 14:21	19°♉48'04	0.55544 AU
inferior conj	-754 May 19 j 02:47	18°♉55'30	-3°-9'-49
minimum elong	-754 May 18 j 19:46	19°♉05'39	3°07'55
morning rise	-754 May 27 j 20:59	15°♉01'17	
direct	-754 May 30 j 14:38	14°♉43'37	
morning max el	-754 Jun 10 j 13:46	19°♉48'55	20°40'04
	-754 Jun 18 j 17:45	0°♊	
asc. node	-754 Jun 23 j 22:09	8°♊52'35	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-754 Jun 29 j 14:02	20°♊00'57		
	-754 Jul 04 j 09:57	0°♋		
superior conj	-754 Jul 07 j 04:55	5°♋44'23	1°42'18	
minimum elong	-754 Jul 07 j 03:15	5°♋35'50	1°42'12	
max. Earth dist.	-754 Jul 11 j 21:23	15°♋06'38	1.35972 AU	
evening rise	-754 Jul 16 j 01:00	23°♋01'47		
	-754 Jul 19 j 21:03	0°♌		
desc. node	-754 Aug 03 j 02:17	23°♌01'15		
	-754 Aug 08 j 00:35	0°♍		
evening max el	-754 Aug 20 j 16:20	15°♍02'02	26°15'53	
retrograde	-754 Sep 02 j 08:10	22°♍11'56		
evening set	-754 Sep 08 j 17:15	19°♍32'44		
min. Earth dist.	-754 Sep 12 j 21:38	15°♍05'47	0.66366 AU	
inferior conj	-754 Sep 14 j 08:47	13°♍17'22	-1°-50'-43	
minimum elong	-754 Sep 14 j 11:33	13°♍08'50	1°49'40	
asc. node	-754 Sep 19 j 21:20	7°♍40'14		
morning rise	-754 Sep 20 j 06:48	7°♍25'46		
direct	-754 Sep 23 j 07:43	6°♍33'05		
morning max el	-754 Sep 30 j 03:32	10°♍21'33	18°49'57	
	-754 Oct 14 j 04:50	0°♎		
morning set	-754 Oct 21 j 12:31	11°♎33'57		
desc. node	-754 Oct 30 j 01:36	25°♎03'08		
	-754 Nov 02 j 05:06	0°♏		
max. Earth dist.	-754 Nov 06 j 02:04	6°♏05'29	1.44937 AU	
superior conj	-754 Nov 06 j 20:25	7°♏17'42	0°-49'-17	
minimum elong	-754 Nov 06 j 14:12	6°♏53'14	0°48'33	
	-754 Nov 21 j 03:18	0°♐		
evening rise	-754 Nov 22 j 11:32	2°♐09'43		
	-754 Dec 10 j 12:03	0°♑		
evening max el	-754 Dec 13 j 12:36	3°♑31'48	18°48'38	
asc. node	-754 Dec 16 j 20:37	6°♑16'59		
retrograde	-754 Dec 20 j 06:54	7°♑20'29		
evening set	-754 Dec 23 j 09:31	6°♑25'11		
inferior conj	-754 Dec 29 j 04:47	0°♑40'57	3°23'35	
minimum elong	-754 Dec 29 j 02:10	0°♑48'59	3°23'03	
	-754 Dec 29 j 18:07	30°℞♐		
min. Earth dist.	-754 Dec 30 j 22:02	28°♐34'45	0.65232 AU	
morning rise	-753 Jan 03 j 17:46	24°♐31'26		
direct	-753 Jan 10 j 08:59	21°♐40'55		
morning max el	-753 Jan 23 j 12:26	29°♐20'47	26°54'25	
	-753 Jan 24 j 03:54	0°♑		
desc. node	-753 Jan 26 j 00:49	1°♑59'49		
	-753 Feb 15 j 05:03	0°♒		
morning set	-753 Feb 28 j 06:22	23°♒04'44		
	-753 Mar 03 j 19:15	0°♓		
max. Earth dist.	-753 Mar 04 j 18:03	1°♓54'19	1.34332 AU	
superior conj	-753 Mar 08 j 17:09	10°♓02'15	-1°00'-36	
minimum elong	-753 Mar 08 j 19:57	10°♓16'55	1°00'06	
asc. node	-753 Mar 14 j 19:59	22°♓54'34		
evening rise	-753 Mar 16 j 05:17	25°♓48'30		
	-753 Mar 18 j 06:13	0°♈		
evening max el	-753 Apr 05 j 02:14	27°♈49'38	21°24'04	
	-753 Apr 07 j 14:25	0°♉		
retrograde	-753 Apr 17 j 03:24	3°♉40'41		
evening set	-753 Apr 19 j 13:39	3°♉27'12		
desc. node	-753 Apr 23 j 23:58	2°♉01'11		
	-753 Apr 27 j 22:28	30°℞♈		
inferior conj	-753 Apr 28 j 22:07	29°♈26'52	-1°-23'-38	
minimum elong	-753 Apr 28 j 18:12	29°♈32'22	1°22'16	
min. Earth dist.	-753 Apr 29 j 03:22	29°♈19'30	0.55019 AU	
morning rise	-753 May 07 j 23:02	25°♈26'42		
direct	-753 May 11 j 01:30	25°♈05'44		
	-753 May 22 j 10:41	0°♉		
morning max el	-753 May 23 j 15:19	1°♉03'52	22°10'04	
asc. node	-753 Jun 10 j 19:14	28°♉21'52		
	-753 Jun 11 j 14:51	0°♊		
morning set	-753 Jun 13 j 23:52	4°♊52'24		
superior conj	-753 Jun 21 j 06:46	20°♊16'28	1°30'55	
minimum elong	-753 Jun 21 j 04:23	20°♊03'52	1°30'40	
max. Earth dist.	-753 Jun 24 j 13:29	27°♊05'52	1.34510 AU	
	-753 Jun 25 j 23:42	0°♋		
evening rise	-753 Jun 29 j 07:39	6°♋36'10		
	-753 Jul 12 j 12:24	0°♌		
desc. node	-753 Jul 20 j 23:18	12°♌41'57		
evening max el	-753 Aug 03 j 04:03	28°♌30'43	27°03'11	
	-753 Aug 04 j 18:42	0°♍		
retrograde	-753 Aug 16 j 09:59	5°♍49'45		
evening set	-753 Aug 23 j 06:57	3°♍04'15		
	-753 Aug 26 j 11:41	30°℞♌		
min. Earth dist.	-753 Aug 27 j 03:58	29°♌15'07	0.65254 AU	
inferior conj	-753 Aug 29 j 03:52	26°♌58'29	-2°-44'-26	
minimum elong	-753 Aug 29 j 07:50	26°♌47'11	2°43'06	
morning rise	-753 Sep 04 j 10:11	21°♌20'41		
asc. node	-753 Sep 06 j 18:24	20°♌40'53		
direct	-753 Sep 07 j 03:54	20°♌40'02		
morning max el	-753 Sep 13 j 17:05	24°♌13'07	18°14'19	
	-753 Sep 18 j 10:04	0°♍		
morning set	-753 Oct 02 j 07:53	22°♍08'35		
	-753 Oct 07 j 02:49	0°♎		
superior conj	-753 Oct 16 j 22:31	15°♎47'17	0°00'02	
minimum elong	-753 Oct 16 j 22:32	15°♎47'20	0°00'02	
behind sun begin	-753 Oct 16 j 12:24	15°♎07'07		
behind sun end	-753 Oct 17 j 08:40	16°♎27'31		
desc. node	-753 Oct 16 j 22:38	15°♎47'43		
max. Earth dist.	-753 Oct 19 j 20:45	20°♎24'55	1.44871 AU	
	-753 Oct 25 j 23:21	0°♏		
evening rise	-753 Nov 02 j 11:50	11°♏43'56		
	-753 Nov 14 j 07:28	0°♐		
greatest brilliancy	-753 Nov 18 j 12:03	6°♐14'19	-0.7m	
evening max el	-753 Nov 26 j 20:15	16°♐58'52	19°34'47	
asc. node	-753 Dec 03 j 17:40	21°♐12'23		
retrograde	-753 Dec 04 j 03:41	21°♐13'22		
evening set	-753 Dec 07 j 13:25	20°♐05'27		
inferior conj	-753 Dec 13 j 03:41	14°♐06'30	2°50'28	
minimum elong	-753 Dec 13 j 00:49	14°♐15'51	2°49'39	
min. Earth dist.	-753 Dec 14 j 06:52	12°♐37'43	0.66363 AU	
morning rise	-753 Dec 18 j 11:29	7°♐52'41		
direct	-753 Dec 24 j 14:16	5°♐11'14		
morning max el	-752 Jan 05 j 21:46	12°♐29'04	25°47'22	
desc. node	-752 Jan 12 j 21:52	20°♐27'19		
	-752 Jan 20 j 01:16	0°♑		
	-752 Feb 07 j 21:34	0°♒		
morning set	-752 Feb 11 j 03:02	5°♒49'00		
max. Earth dist.	-752 Feb 15 j 00:27	13°♒06'44	1.35858 AU	
superior conj	-752 Feb 20 j 11:28	23°♒50'32	-1°-24'-47	
minimum elong	-752 Feb 20 j 15:05	24°♒08'43	1°24'18	
	-752 Feb 23 j 12:13	0°♓		
evening rise	-752 Feb 28 j 11:28	10°♓11'30		
asc. node	-752 Feb 29 j 17:02	12°♓41'17		
	-752 Mar 10 j 04:22	0°♈		
evening max el	-752 Mar 17 j 09:50	9°♈10'03	20°06'41	
retrograde	-752 Mar 27 j 18:31	14°♈07'47		
evening set	-752 Mar 29 j 21:50	13°♈56'01		
inferior conj	-752 Apr 07 j 19:34	9°♈56'53	0°34'57	
minimum elong	-752 Apr 07 j 21:07	9°♈54'33	0°34'24	
min. Earth dist.	-752 Apr 09 j 17:28	8°♈48'04	0.55450 AU	
desc. node	-752 Apr 09 j 21:02	8°♈42'49		
morning rise	-752 Apr 16 j 17:39	5°♈32'06		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

direct	-752 Apr 20 j 15:30	4°♈58'34	
morning max el	-752 May 04 j 08:44	11°♈45'21	23°50'03
	-752 May 18 j 02:46	0°♉	
asc. node	-752 May 27 j 16:20	18°♉09'51	
morning set	-752 May 28 j 11:36	19°♉50'32	
	-752 Jun 02 j 05:30	0°♊	
superior conj	-752 Jun 04 j 13:59	5°♊04'59	1°14'43
minimum elong	-752 Jun 04 j 11:29	4°♊51'28	1°14'21
max. Earth dist.	-752 Jun 06 j 15:00	9°♊27'28	1.33431 AU
evening rise	-752 Jun 12 j 01:52	20°♊45'45	
	-752 Jun 16 j 19:59	0°♋	
	-752 Jul 05 j 12:02	0°♌	
desc. node	-752 Jul 06 j 20:19	1°♌45'53	
evening max el	-752 Jul 15 j 14:55	11°♌42'01	27°24'48
retrograde	-752 Jul 29 j 06:05	19°♌02'47	
evening set	-752 Aug 05 j 09:59	16°♌22'06	
min. Earth dist.	-752 Aug 09 j 01:25	13°♌07'28	0.63775 AU
inferior conj	-752 Aug 11 j 14:36	10°♌29'21	-3°-33'-31
minimum elong	-752 Aug 11 j 19:11	10°♌17'29	3°32'17
morning rise	-752 Aug 18 j 06:26	5°♌08'26	
direct	-752 Aug 20 j 19:25	4°♌36'28	
asc. node	-752 Aug 23 j 15:30	5°♌16'41	
morning max el	-752 Aug 27 j 08:39	8°♌02'24	17°55'59
	-752 Sep 10 j 22:12	0°♍	
morning set	-752 Sep 13 j 05:34	3°♍59'17	
superior conj	-752 Sep 25 j 19:08	25°♍14'16	0°45'12
minimum elong	-752 Sep 25 j 23:38	25°♍32'43	0°44'37
	-752 Sep 28 j 17:15	0°♎	
max. Earth dist.	-752 Oct 01 j 13:35	4°♎34'43	1.44096 AU
desc. node	-752 Oct 02 j 19:39	6°♎34'32	
evening rise	-752 Oct 11 j 20:12	20°♎41'14	
	-752 Oct 17 j 22:22	0°♏	
greatest brilliancy	-752 Nov 02 j 22:44	23°♏15'36	-0.5m
	-752 Nov 08 j 12:23	0°♐	
evening max el	-752 Nov 08 j 22:46	0°♐27'06	20°35'33
retrograde	-752 Nov 17 j 01:17	5°♐14'19	
asc. node	-752 Nov 19 j 14:43	4°♐36'55	
evening set	-752 Nov 20 j 20:16	3°♐51'37	
	-752 Nov 24 j 13:36	30°℞♏	
inferior conj	-752 Nov 26 j 07:20	27°♏41'15	2°09'19
minimum elong	-752 Nov 26 j 04:48	27°♏49'53	2°08'25
min. Earth dist.	-752 Nov 26 j 22:02	26°♏51'17	0.67123 AU
morning rise	-752 Dec 01 j 12:50	21°♏25'32	
direct	-752 Dec 07 j 00:51	19°♏01'30	
morning max el	-752 Dec 18 j 06:08	25°♏43'06	24°25'00
	-752 Dec 22 j 04:13	0°♐	
desc. node	-752 Dec 29 j 18:56	9°♐40'01	
	-751 Jan 12 j 14:31	0°♑	
morning set	-751 Jan 23 j 03:26	17°♑29'10	
max. Earth dist.	-751 Jan 26 j 21:24	24°♑08'56	1.37776 AU
	-751 Jan 30 j 01:48	0°♒	
superior conj	-751 Feb 02 j 18:45	7°♒01'52	-1°-44'-52
minimum elong	-751 Feb 02 j 22:19	7°♒19'03	1°44'35
evening rise	-751 Feb 11 j 11:38	24°♒10'44	
	-751 Feb 14 j 10:56	0°♓	
asc. node	-751 Feb 15 j 14:04	2°♓09'51	
evening max el	-751 Feb 28 j 04:27	21°♓08'44	19°07'45
retrograde	-751 Mar 08 j 22:02	25°♓20'26	
evening set	-751 Mar 11 j 03:55	25°♓05'00	
inferior conj	-751 Mar 19 j 07:58	20°♓52'48	2°13'38
minimum elong	-751 Mar 19 j 12:21	20°♓45'16	2°12'23
min. Earth dist.	-751 Mar 22 j 08:56	18°♓48'30	0.56748 AU
morning rise	-751 Mar 27 j 16:43	15°♓55'51	
desc. node	-751 Mar 27 j 18:05	15°♓54'32	

direct	-751 Apr 01 j 17:49	14°♓56'16	
morning max el	-751 Apr 15 j 23:20	22°♓15'47	25°27'09
	-751 Apr 22 j 19:00	0°♈	
	-751 May 10 j 15:35	0°♉	
morning set	-751 May 12 j 23:30	4°♉49'28	
asc. node	-751 May 14 j 13:23	8°♉10'29	
superior conj	-751 May 20 j 00:21	20°♉02'12	0°54'47
minimum elong	-751 May 19 j 22:13	19°♉50'34	0°54'23
max. Earth dist.	-751 May 20 j 23:45	22°♉09'49	1.32738 AU
	-751 May 24 j 15:04	0°♊	
evening rise	-751 May 27 j 04:06	5°♊19'13	
	-751 Jun 09 j 11:23	0°♋	
desc. node	-751 Jun 23 j 17:21	19°♋57'02	
evening max el	-751 Jun 27 j 22:41	24°♋22'33	27°15'14
	-751 Jul 05 j 12:04	0°♌	
retrograde	-751 Jul 11 j 19:30	1°♌40'51	
	-751 Jul 17 j 19:11	30°℞♋	
evening set	-751 Jul 18 j 22:23	29°♋18'37	
min. Earth dist.	-751 Jul 22 j 12:40	26°♋29'51	0.61968 AU
inferior conj	-751 Jul 25 j 13:50	23°♋42'03	-4°-13'-33
minimum elong	-751 Jul 25 j 17:55	23°♋32'40	4°12'50
morning rise	-751 Aug 01 j 16:06	18°♋41'08	
direct	-751 Aug 04 j 02:59	18°♋15'01	
asc. node	-751 Aug 10 j 12:35	21°♋16'29	
morning max el	-751 Aug 10 j 23:21	21°♋42'04	17°56'00
	-751 Aug 17 j 07:44	0°♌	
morning set	-751 Aug 26 j 23:39	16°♌48'36	
	-751 Sep 03 j 08:02	0°♍	
superior conj	-751 Sep 06 j 18:59	6°♍01'38	1°18'30
minimum elong	-751 Sep 06 j 23:55	6°♍22'52	1°17'59
max. Earth dist.	-751 Sep 14 j 02:26	18°♍19'10	1.42713 AU
desc. node	-751 Sep 19 j 16:40	27°♍19'55	
evening rise	-751 Sep 21 j 05:22	29°♍44'38	
	-751 Sep 21 j 09:17	0°♎	
	-751 Oct 11 j 14:22	0°♏	
greatest brilliancy	-751 Oct 17 j 23:37	8°♏25'30	-0.4m
evening max el	-751 Oct 22 j 19:28	13°♏55'31	21°47'41
retrograde	-751 Oct 31 j 21:46	19°♏19'54	
evening set	-751 Nov 05 j 04:07	17°♏40'14	
asc. node	-751 Nov 06 j 11:47	16°♏28'35	
inferior conj	-751 Nov 10 j 13:35	11°♏21'54	1°22'11
minimum elong	-751 Nov 10 j 11:48	11°♏28'05	1°21'28
min. Earth dist.	-751 Nov 10 j 17:05	11°♏09'50	0.67534 AU
morning rise	-751 Nov 15 j 19:13	5°♏06'41	
direct	-751 Nov 20 j 15:53	3°♏04'28	
morning max el	-751 Nov 30 j 15:44	9°♏00'49	22°57'24
greatest brilliancy	-751 Dec 05 j 10:20	14°♏21'34	-0.3m
desc. node	-751 Dec 16 j 15:57	29°♏24'26	
	-751 Dec 17 j 01:51	0°♐	
morning set	-750 Jan 04 j 01:18	27°♐49'06	
	-750 Jan 05 j 08:45	0°♑	
max. Earth dist.	-750 Jan 08 j 16:52	5°♑39'52	1.39887 AU
superior conj	-750 Jan 16 j 10:36	19°♑24'40	-1°-57'-54
minimum elong	-750 Jan 16 j 12:38	19°♑33'59	1°57'51
	-750 Jan 22 j 02:39	0°♒	
evening rise	-750 Jan 26 j 02:53	7°♒38'58	
asc. node	-750 Feb 02 j 11:06	21°♒13'57	
	-750 Feb 08 j 03:04	0°♓	
evening max el	-750 Feb 11 j 07:53	3°♓40'30	18°28'47
retrograde	-750 Feb 18 j 20:29	7°♓22'08	
evening set	-750 Feb 21 j 06:53	7°♓00'11	
inferior conj	-750 Feb 28 j 17:07	2°♓27'43	3°17'16
minimum elong	-750 Feb 28 j 20:49	2°♓20'17	3°16'35
	-750 Mar 03 j 19:09	30°℞♒	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

min. Earth dist.	-750 Mar 04 j 03:20	29°♒44'20	0.58611 AU
morning rise	-750 Mar 08 j 06:58	27°♒02'33	
direct	-750 Mar 14 j 09:17	25°♒26'49	
desc. node	-750 Mar 14 j 15:08	25°♒26'58	
	-750 Mar 25 j 05:37	0°♓	
morning max el	-750 Mar 28 j 17:06	3°♓04'17	26°46'05
	-750 Apr 17 j 04:19	0°♈	
morning set	-750 Apr 27 j 09:59	19°♈43'52	
asc. node	-750 May 01 j 10:25	28°♈19'10	
	-750 May 02 j 04:55	0°♉	
superior conj	-750 May 04 j 12:03	5°♉02'07	0°31'57
minimum elong	-750 May 04 j 10:41	4°♉54'36	0°31'40
max. Earth dist.	-750 May 04 j 12:23	5°♉03'57	1.32410 AU
evening rise	-750 May 11 j 11:40	20°♉07'44	
	-750 May 16 j 08:54	0°♊	
	-750 Jun 04 j 05:10	0°♋	
evening max el	-750 Jun 10 j 00:42	6°♋21'13	26°32'31
desc. node	-750 Jun 10 j 14:22	6°♋53'18	
retrograde	-750 Jun 24 j 00:49	13°♋36'17	
evening set	-750 Jun 30 j 15:36	11°♋45'20	
min. Earth dist.	-750 Jul 04 j 13:55	9°♋07'46	0.59948 AU
inferior conj	-750 Jul 07 j 22:03	6°♋27'37	-4°-37'-30
minimum elong	-750 Jul 07 j 23:50	6°♋24'01	4°37'25
morning rise	-750 Jul 15 j 11:22	1°♋49'14	
direct	-750 Jul 17 j 22:22	1°♋27'02	
morning max el	-750 Jul 25 j 10:14	5°♋04'46	18°15'26
asc. node	-750 Jul 28 j 09:38	8°♋25'16	
morning set	-750 Aug 10 j 08:39	0°♌21'30	
	-750 Aug 10 j 04:06	0°♌	
superior conj	-750 Aug 19 j 20:14	18°♌04'47	1°38'31
minimum elong	-750 Aug 19 j 23:19	18°♌18'47	1°38'19
	-750 Aug 26 j 14:08	0°♍	
max. Earth dist.	-750 Aug 27 j 10:01	1°♍25'01	1.40899 AU
evening rise	-750 Sep 01 j 08:10	9°♍38'07	
desc. node	-750 Sep 06 j 13:40	18°♍00'36	
	-750 Sep 14 j 10:38	0°♎	
greatest brilliancy	-750 Sep 29 j 21:14	21°♎09'16	-0.2m
evening max el	-750 Oct 05 j 10:56	27°♎25'09	23°06'38
	-750 Oct 08 j 06:04	0°♏	
retrograde	-750 Oct 15 j 15:42	3°♏27'43	
evening set	-750 Oct 20 j 11:18	1°♏29'41	
	-750 Oct 22 j 00:43	30°℞♎	
asc. node	-750 Oct 24 j 08:49	27°♎08'49	
inferior conj	-750 Oct 25 j 20:36	25°♎06'59	0°30'46
minimum elong	-750 Oct 25 j 19:53	25°♎09'27	0°30'27
min. Earth dist.	-750 Oct 25 j 13:36	25°♎31'06	0.67619 AU
morning rise	-750 Oct 31 j 04:29	18°♎54'44	
direct	-750 Nov 04 j 10:30	17°♎15'09	
morning max el	-750 Nov 13 j 06:10	22°♎26'02	21°33'13
greatest brilliancy	-750 Nov 18 j 07:04	28°♎11'26	-0.4m
	-750 Nov 19 j 17:15	0°♏	
desc. node	-750 Dec 03 j 12:58	19°♏31'36	
	-750 Dec 10 j 10:19	0°♐	
morning set	-750 Dec 14 j 18:11	6°♐46'29	
max. Earth dist.	-750 Dec 21 j 17:44	18°♐03'41	1.41909 AU
	-750 Dec 28 j 19:13	0°♑	
superior conj	-750 Dec 29 j 05:36	0°♑45'00	-1°-59'-53
minimum elong	-750 Dec 29 j 04:06	0°♑38'31	1°59'52
evening rise	-749 Jan 09 j 05:42	20°♑27'47	
	-749 Jan 14 j 11:59	0°♒	
asc. node	-749 Jan 20 j 08:07	9°♒45'05	
evening max el	-749 Jan 25 j 17:07	16°♒36'06	18°09'49
retrograde	-749 Feb 01 j 12:29	20°♒03'37	
evening set	-749 Feb 04 j 02:55	19°♒33'49	
inferior conj	-749 Feb 10 j 22:15	14°♒39'35	3°47'31
minimum elong	-749 Feb 10 j 23:41	14°♒36'15	3°47'24
min. Earth dist.	-749 Feb 14 j 03:47	11°♒40'37	0.60690 AU
morning rise	-749 Feb 17 j 17:32	8°♒54'26	
direct	-749 Feb 24 j 12:05	6°♒42'12	
desc. node	-749 Mar 01 j 12:10	7°♒48'21	
morning max el	-749 Mar 10 j 17:07	14°♒29'34	27°34'20
	-749 Mar 23 j 05:36	0°♓	
	-749 Apr 09 j 12:47	0°♈	
morning set	-749 Apr 11 j 17:09	4°♈26'09	
max. Earth dist.	-749 Apr 18 j 00:52	17°♈54'55	1.32438 AU
asc. node	-749 Apr 18 j 07:26	18°♈30'43	
superior conj	-749 Apr 18 j 23:21	19°♈57'46	0°07'02
minimum elong	-749 Apr 18 j 23:02	19°♈56'01	0°06'58
behind sun begin	-749 Apr 18 j 18:29	19°♈31'04	
behind sun end	-749 Apr 19 j 03:36	20°♈20'58	
	-749 Apr 23 j 13:43	0°♉	
evening rise	-749 Apr 25 j 22:16	5°♉02'22	
	-749 May 09 j 05:36	0°♊	
evening max el	-749 May 22 j 19:42	17°♊34'17	25°20'33
desc. node	-749 May 28 j 11:24	22°♊03'32	
retrograde	-749 Jun 05 j 20:33	24°♊44'13	
evening set	-749 Jun 11 j 10:09	23°♊31'55	
min. Earth dist.	-749 Jun 16 j 07:34	20°♊47'19	0.57926 AU
inferior conj	-749 Jun 19 j 11:42	18°♊35'32	-4°-35'-4
minimum elong	-749 Jun 19 j 09:21	18°♊39'38	4°34'55
morning rise	-749 Jun 27 j 12:27	14°♊19'47	
direct	-749 Jun 30 j 01:01	14°♊00'23	
morning max el	-749 Jul 08 j 14:19	18°♊01'08	18°55'21
asc. node	-749 Jul 15 j 06:39	26°♊27'44	
	-749 Jul 17 j 10:40	0°♋	
morning set	-749 Jul 25 j 04:13	14°♋26'03	
	-749 Aug 02 j 03:08	0°♌	
superior conj	-749 Aug 02 j 17:14	1°♌07'32	1°46'57
minimum elong	-749 Aug 02 j 18:04	1°♌11'31	1°46'57
max. Earth dist.	-749 Aug 09 j 13:06	13°♌46'14	1.38892 AU
evening rise	-749 Aug 13 j 11:50	20°♌41'56	
	-749 Aug 19 j 01:18	0°♍	
desc. node	-749 Aug 24 j 10:43	8°♍32'29	
	-749 Sep 08 j 12:23	0°♎	
evening max el	-749 Sep 17 j 23:04	10°♎57'41	24°26'28
retrograde	-749 Sep 29 j 06:05	17°♎34'27	
evening set	-749 Oct 04 j 16:10	15°♎18'10	
min. Earth dist.	-749 Oct 09 j 09:17	9°♎53'23	0.67383 AU
inferior conj	-749 Oct 10 j 02:42	8°♎55'00	0°-23'-25
minimum elong	-749 Oct 10 j 03:16	8°♎53'05	0°23'12
asc. node	-749 Oct 11 j 05:51	7°♎24'56	
morning rise	-749 Oct 15 j 14:43	2°♎48'21	
direct	-749 Oct 19 j 07:41	1°♎29'36	
morning max el	-749 Oct 27 j 03:51	6°♎01'32	20°18'48
greatest brilliancy	-749 Nov 02 j 19:29	14°♎02'15	-0.6m
	-749 Nov 13 j 21:11	0°♏	
desc. node	-749 Nov 20 j 09:59	9°♏55'15	
morning set	-749 Nov 23 j 16:14	14°♏56'43	
	-749 Dec 03 j 06:03	0°♐	
max. Earth dist.	-749 Dec 04 j 01:57	1°♐19'44	1.43559 AU
superior conj	-749 Dec 09 j 22:48	10°♐52'27	-1°-46'-20
minimum elong	-749 Dec 09 j 16:39	10°♐27'10	1°45'56
	-749 Dec 21 j 05:37	0°♑	
evening rise	-749 Dec 22 j 16:00	2°♑29'20	
asc. node	-748 Jan 07 j 05:09	27°♑33'28	
evening max el	-748 Jan 09 j 05:15	29°♑48'05	18°10'22
	-748 Jan 09 j 10:04	0°♒	
retrograde	-748 Jan 15 j 17:38	3°♒15'03	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-748 Jan 18 j 12:04	2°♒36'24	
	-748 Jan 22 j 04:27	30°℞♑	
inferior conj	-748 Jan 24 j 19:51	27°♑21'20	3°51'57
minimum elong	-748 Jan 24 j 19:06	27°♑23'17	3°51'55
min. Earth dist.	-748 Jan 27 j 13:03	24°♑30'10	0.62690 AU
morning rise	-748 Jan 31 j 00:07	21°♑23'27	
direct	-748 Feb 07 j 00:14	18°♑44'27	
desc. node	-748 Feb 16 j 09:12	22°♑35'17	
morning max el	-748 Feb 20 j 22:51	26°♑35'46	27°45'55
	-748 Feb 24 j 03:52	0°♒	
	-748 Mar 15 j 19:01	0°♓	
morning set	-748 Mar 25 j 18:54	18°♓49'07	
	-748 Mar 31 j 03:52	0°♈	
max. Earth dist.	-748 Mar 31 j 09:15	0°♈28'48	1.32842 AU
superior conj	-748 Apr 02 j 08:38	4°♈43'34	0°-19'-11
minimum elong	-748 Apr 02 j 09:32	4°♈48'27	0°19'00
asc. node	-748 Apr 04 j 04:28	8°♈41'09	
evening rise	-748 Apr 09 j 10:03	19°♈56'41	
	-748 Apr 14 j 08:29	0°♉	
evening max el	-748 May 03 j 10:33	28°♉16'08	23°49'58
	-748 May 05 j 08:31	0°♊	
desc. node	-748 May 14 j 08:26	4°♊51'33	
retrograde	-748 May 17 j 04:41	5°♊10'00	
evening set	-748 May 21 j 08:04	4°♊32'04	
min. Earth dist.	-748 May 27 j 21:32	1°♊25'11	0.56230 AU
inferior conj	-748 May 30 j 05:13	0°♊00'18	-3°-53'-57
minimum elong	-748 May 29 j 22:52	0°♊10'02	3°52'41
	-748 May 30 j 05:25	30°℞♉	
morning rise	-748 Jun 07 j 17:23	26°♉01'27	
direct	-748 Jun 10 j 08:19	25°♉43'51	
	-748 Jun 19 j 23:11	0°♊	
morning max el	-748 Jun 20 j 08:58	0°♊22'16	19°56'06
asc. node	-748 Jul 01 j 03:42	15°♊11'40	
morning set	-748 Jul 08 j 07:11	28°♊53'58	
	-748 Jul 08 j 20:14	0°♋	
superior conj	-748 Jul 16 j 04:37	14°♋54'22	1°46'08
minimum elong	-748 Jul 16 j 03:40	14°♋49'36	1°46'07
max. Earth dist.	-748 Jul 21 j 16:49	25°♋38'00	1.36961 AU
	-748 Jul 24 j 00:53	0°♌	
evening rise	-748 Jul 25 j 15:04	2°♌54'23	
desc. node	-748 Aug 10 j 07:45	28°♌50'10	
	-748 Aug 11 j 02:27	0°♍	
evening max el	-748 Aug 30 j 10:21	24°♍33'12	25°39'53
	-748 Sep 06 j 08:27	0°♎	
retrograde	-748 Sep 11 j 16:03	1°♎34'40	
	-748 Sep 16 j 10:54	30°℞♍	
evening set	-748 Sep 17 j 16:52	29°♍02'35	
min. Earth dist.	-748 Sep 22 j 01:44	24°♍13'50	0.66826 AU
inferior conj	-748 Sep 23 j 06:06	22°♍43'02	-1°-18'-55
minimum elong	-748 Sep 23 j 08:04	22°♍36'44	1°18'07
asc. node	-748 Sep 27 j 02:54	18°♍14'07	
morning rise	-748 Sep 28 j 23:59	16°♍44'54	
direct	-748 Oct 02 j 06:03	15°♍43'45	
morning max el	-748 Oct 09 j 08:55	19°♍45'44	19°17'55
	-748 Oct 17 j 10:05	0°♎	
greatest brilliancy	-748 Oct 19 j 13:34	3°♎08'24	-0.7m
morning set	-748 Nov 01 j 18:52	23°♎28'01	
	-748 Nov 05 j 23:21	0°♏	
desc. node	-748 Nov 06 j 07:01	0°♏29'57	
max. Earth dist.	-748 Nov 15 j 16:22	15°♏14'10	1.44631 AU
superior conj	-748 Nov 18 j 13:56	19°♏49'43	-1°-14'-40
minimum elong	-748 Nov 18 j 05:56	19°♏17'58	1°13'49
	-748 Nov 24 j 22:14	0°♐	
evening rise	-748 Dec 03 j 05:19	13°♐34'51	
	-748 Dec 13 j 04:55	0°♑	
evening max el	-748 Dec 22 j 17:33	13°♑09'34	18°29'36
asc. node	-748 Dec 24 j 02:12	14°♑26'13	
retrograde	-748 Dec 29 j 07:29	16°♑47'15	
evening set	-747 Jan 01 j 06:44	15°♑58'30	
inferior conj	-747 Jan 07 j 05:53	10°♑24'27	3°37'52
minimum elong	-747 Jan 07 j 03:43	10°♑30'47	3°37'33
min. Earth dist.	-747 Jan 09 j 07:57	7°♑58'36	0.64414 AU
morning rise	-747 Jan 12 j 23:21	4°♑18'25	
direct	-747 Jan 19 j 19:56	1°♑27'37	
desc. node	-747 Feb 02 j 06:14	9°♑10'54	
morning max el	-747 Feb 02 j 07:45	9°♑14'42	27°21'56
	-747 Feb 18 j 14:03	0°♒	
	-747 Mar 08 j 02:49	0°♓	
morning set	-747 Mar 09 j 12:27	2°♓43'15	
max. Earth dist.	-747 Mar 14 j 09:32	12°♓32'55	1.33659 AU
superior conj	-747 Mar 17 j 14:00	19°♓13'09	0°-45'-41
minimum elong	-747 Mar 17 j 16:09	19°♓24'35	0°45'16
asc. node	-747 Mar 22 j 01:32	28°♓46'14	
	-747 Mar 22 j 15:24	0°♈	
evening rise	-747 Mar 24 j 21:10	4°♈44'10	
	-747 Apr 07 j 18:45	0°♉	
evening max el	-747 Apr 15 j 03:39	8°♉54'35	22°15'17
retrograde	-747 Apr 28 j 00:14	15°♉12'52	
evening set	-747 Apr 30 j 21:18	14°♉54'37	
desc. node	-747 May 01 j 05:27	14°♉50'09	
min. Earth dist.	-747 May 09 j 10:40	11°♉13'47	0.55205 AU
inferior conj	-747 May 10 j 05:56	10°♉46'35	-2°-28'-26
minimum elong	-747 May 09 j 23:37	10°♉55'31	2°26'28
morning rise	-747 May 19 j 03:45	6°♉51'48	
direct	-747 May 22 j 00:07	6°♉33'26	
morning max el	-747 Jun 02 j 16:35	12°♉01'33	21°16'31
	-747 Jun 15 j 15:23	0°♊	
asc. node	-747 Jun 18 j 00:47	4°♊27'12	
morning set	-747 Jun 22 j 15:09	13°♊39'05	
superior conj	-747 Jun 30 j 02:11	29°♊13'15	1°38'08
minimum elong	-747 Jun 30 j 00:07	29°♊02'35	1°37'58
	-747 Jun 30 j 11:14	0°♋	
max. Earth dist.	-747 Jul 04 j 03:39	7°♋29'30	1.35303 AU
evening rise	-747 Jul 08 j 13:14	16°♋03'39	
	-747 Jul 16 j 06:44	0°♌	
desc. node	-747 Jul 28 j 04:48	18°♌47'13	
	-747 Aug 05 j 13:43	0°♍	
evening max el	-747 Aug 12 j 22:12	8°♍08'04	26°38'53
retrograde	-747 Aug 25 j 20:54	15°♍22'54	
evening set	-747 Sep 01 j 11:18	12°♍40'15	
min. Earth dist.	-747 Sep 05 j 12:32	8°♍29'11	0.65932 AU
inferior conj	-747 Sep 07 j 04:53	6°♍28'27	-2°-13'-54
minimum elong	-747 Sep 07 j 08:11	6°♍18'32	2°12'40
morning rise	-747 Sep 13 j 06:13	0°♍42'00	
asc. node	-747 Sep 13 j 23:57	0°♍21'04	
	-747 Sep 15 j 04:42	30°℞♌	
direct	-747 Sep 16 j 03:46	29°♌54'48	
	-747 Sep 17 j 03:01	0°♍	
morning max el	-747 Sep 22 j 19:58	3°♍35'54	18°32'42
	-747 Oct 10 j 21:24	0°♎	
morning set	-747 Oct 12 j 21:45	3°♎14'26	
desc. node	-747 Oct 24 j 04:06	21°♎12'08	
superior conj	-747 Oct 28 j 14:33	28°♎11'49	0°-28'-39
minimum elong	-747 Oct 28 j 10:47	27°♎56'57	0°28'10
max. Earth dist.	-747 Oct 29 j 10:34	29°♎30'32	1.45001 AU
	-747 Oct 29 j 18:04	0°♏	
evening rise	-747 Nov 13 j 18:48	23°♏41'02	
	-747 Nov 17 j 18:25	0°♐	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening max el	-747 Dec 06 j 03:35	26°♐36'01	19°06'22
asc. node	-747 Dec 10 j 23:14	0°♑09'01	
	-747 Dec 10 j 14:35	0°♑	
retrograde	-747 Dec 13 j 02:32	0°♑34'17	
	-747 Dec 15 j 12:50	30°℞♐	
evening set	-747 Dec 16 j 08:01	29°♐33'47	
inferior conj	-747 Dec 22 j 00:55	23°♐43'07	3°10'38
minimum elong	-747 Dec 21 j 22:07	23°♐51'57	3°09'58
min. Earth dist.	-747 Dec 23 j 12:02	21°♐52'27	0.65768 AU
morning rise	-747 Dec 27 j 11:20	17°♐31'44	
direct	-746 Jan 02 j 21:52	14°♐43'38	
morning max el	-746 Jan 15 j 17:17	22°♐15'10	26°28'19
desc. node	-746 Jan 20 j 03:17	27°♐04'28	
	-746 Jan 22 j 13:20	0°♑	
	-746 Feb 11 j 19:49	0°♒	
morning set	-746 Feb 20 j 18:07	15°♒57'10	
max. Earth dist.	-746 Feb 24 j 22:47	24°♒02'39	1.34930 AU
	-746 Feb 27 j 22:10	0°♓	
superior conj	-746 Mar 01 j 13:11	3°♓19'17	-1°-11'-12
minimum elong	-746 Mar 01 j 16:25	3°♓35'51	1°10'42
asc. node	-746 Mar 08 j 22:36	18°♓41'20	
evening rise	-746 Mar 09 j 05:48	19°♓18'30	
	-746 Mar 14 j 14:42	0°♈	
evening max el	-746 Mar 28 j 05:03	19°♈55'19	20°49'04
retrograde	-746 Apr 08 j 13:11	25°♈23'06	
evening set	-746 Apr 10 j 19:01	25°♈11'07	
desc. node	-746 Apr 18 j 02:29	22°♈18'08	
inferior conj	-746 Apr 20 j 00:20	21°♈13'38	0°-32'-42
minimum elong	-746 Apr 19 j 22:47	21°♈15'51	0°32'09
min. Earth dist.	-746 Apr 20 j 23:58	20°♈39'56	0.55090 AU
morning rise	-746 Apr 29 j 01:27	17°♈05'06	
direct	-746 May 02 j 11:09	16°♈40'03	
morning max el	-746 May 15 j 13:59	22°♈59'53	22°52'01
	-746 May 21 j 18:24	0°♉	
asc. node	-746 Jun 04 j 21:52	24°♉05'27	
morning set	-746 Jun 07 j 02:02	28°♉34'24	
	-746 Jun 07 j 18:21	0°♊	
superior conj	-746 Jun 14 j 06:37	13°♊53'19	1°24'34
minimum elong	-746 Jun 14 j 04:06	13°♊39'58	1°24'15
max. Earth dist.	-746 Jun 17 j 00:11	19°♊39'12	1.34008 AU
evening rise	-746 Jun 22 j 01:19	29°♊54'47	
	-746 Jun 22 j 02:23	0°♋	
	-746 Jul 09 j 08:08	0°♌	
desc. node	-746 Jul 15 j 01:49	8°♌13'54	
evening max el	-746 Jul 26 j 09:58	21°♌31'31	27°15'55
retrograde	-746 Aug 08 j 20:05	28°♌51'02	
evening set	-746 Aug 15 j 20:50	26°♌06'19	
min. Earth dist.	-746 Aug 19 j 15:16	22°♌32'27	0.64673 AU
inferior conj	-746 Aug 21 j 20:44	20°♌05'56	-3°-6'-3
minimum elong	-746 Aug 22 j 01:03	19°♌54'05	3°04'42
morning rise	-746 Aug 28 j 06:56	14°♌34'45	
direct	-746 Aug 30 j 22:28	13°♌58'01	
asc. node	-746 Aug 31 j 21:02	14°♌02'42	
morning max el	-746 Sep 06 j 10:39	17°♌26'47	18°04'20
	-746 Sep 15 j 13:25	0°♍	
morning set	-746 Sep 24 j 04:55	14°♍23'27	
	-746 Oct 03 j 14:42	0°♎	
superior conj	-746 Oct 07 j 22:24	6°♎59'35	0°20'21
minimum elong	-746 Oct 08 j 00:48	7°♎09'14	0°20'01
desc. node	-746 Oct 11 j 01:09	11°♎58'01	
max. Earth dist.	-746 Oct 12 j 05:17	13°♎49'38	1.44627 AU
	-746 Oct 22 j 13:21	0°♏	
evening rise	-746 Oct 24 j 10:47	2°♏55'44	
	-746 Nov 11 j 09:49	0°♐	

greatest brilliancy	-746 Nov 12 j 05:29	1°♐09'03	-0.6m
evening max el	-746 Nov 19 j 09:14	10°♐03'58	19°59'02
retrograde	-746 Nov 26 j 23:55	14°♐31'21	
asc. node	-746 Nov 27 j 20:16	14°♐27'14	
evening set	-746 Nov 30 j 13:26	13°♐17'12	
inferior conj	-746 Dec 06 j 02:06	7°♐12'54	2°33'51
minimum elong	-746 Dec 05 j 23:19	7°♐22'10	2°32'59
min. Earth dist.	-746 Dec 06 j 23:43	6°♐00'56	0.66729 AU
morning rise	-746 Dec 11 j 08:38	0°♐58'13	
	-746 Dec 12 j 13:40	30°℞♏	
direct	-746 Dec 17 j 05:17	28°♏23'39	
	-746 Dec 22 j 09:38	0°♐	
morning max el	-746 Dec 29 j 02:10	5°♐26'56	25°13'45
desc. node	-745 Jan 07 j 00:21	15°♐53'14	
	-745 Jan 17 j 01:48	0°♑	
morning set	-745 Feb 03 j 07:00	28°♑16'48	
	-745 Feb 04 j 05:51	0°♒	
max. Earth dist.	-745 Feb 07 j 01:03	5°♒09'33	1.36637 AU
superior conj	-745 Feb 13 j 03:21	16°♒53'51	-1°-33'-57
minimum elong	-745 Feb 13 j 07:04	17°♒12'18	1°33'32
	-745 Feb 19 j 15:37	0°♓	
evening rise	-745 Feb 21 j 09:48	3°♓33'15	
asc. node	-745 Feb 23 j 19:38	8°♓21'40	
	-745 Mar 09 j 05:34	0°♈	
evening max el	-745 Mar 10 j 17:27	1°♈32'29	19°39'08
retrograde	-745 Mar 20 j 08:35	6°♈09'22	
evening set	-745 Mar 22 j 12:28	5°♈56'27	
inferior conj	-745 Mar 31 j 02:59	1°♈52'37	1°20'34
minimum elong	-745 Mar 31 j 06:13	1°♈47'30	1°19'31
min. Earth dist.	-745 Apr 02 j 14:17	0°♈19'16	0.55913 AU
	-745 Apr 03 j 02:56	30°℞♓	
desc. node	-745 Apr 04 j 23:30	28°♓56'08	
morning rise	-745 Apr 08 j 20:33	27°♓14'36	
direct	-745 Apr 13 j 05:25	26°♓31'56	
	-745 Apr 22 j 21:59	0°♈	
morning max el	-745 Apr 27 j 05:32	3°♈33'58	24°32'36
	-745 May 15 j 18:36	0°♉	
morning set	-745 May 22 j 14:03	13°♉34'08	
asc. node	-745 May 22 j 18:57	13°♉59'51	
superior conj	-745 May 29 j 15:25	28°♉46'36	1°06'40
minimum elong	-745 May 29 j 13:01	28°♉33'35	1°06'16
	-745 May 30 j 04:58	0°♊	
max. Earth dist.	-745 May 31 j 05:20	2°♊11'29	1.33095 AU
evening rise	-745 Jun 05 j 23:20	14°♊15'47	
	-745 Jun 14 j 04:42	0°♋	
desc. node	-745 Jul 01 j 22:49	26°♋57'28	
	-745 Jul 04 j 12:23	0°♌	
evening max el	-745 Jul 08 j 19:42	4°♌30'40	27°24'34
retrograde	-745 Jul 22 j 13:14	11°♌50'20	
evening set	-745 Jul 29 j 18:06	9°♌15'30	
min. Earth dist.	-745 Aug 02 j 08:12	6°♌13'37	0.63050 AU
inferior conj	-745 Aug 05 j 02:55	3°♌29'34	-3°-51'-56
minimum elong	-745 Aug 05 j 07:28	3°♌18'21	3°50'54
	-745 Aug 09 j 00:09	30°℞♋	
morning rise	-745 Aug 11 j 23:08	28°♋17'01	
direct	-745 Aug 14 j 11:00	27°♋47'47	
asc. node	-745 Aug 18 j 18:07	29°♋15'44	
	-745 Aug 19 j 17:57	0°♌	
morning max el	-745 Aug 21 j 02:13	1°♌12'44	17°53'43
morning set	-745 Sep 06 j 11:55	26°♌40'34	
	-745 Sep 08 j 09:11	0°♍	
superior conj	-745 Sep 18 j 06:16	16°♍59'40	1°01'00
minimum elong	-745 Sep 18 j 11:22	17°♍21'01	1°00'23
max. Earth dist.	-745 Sep 24 j 20:55	27°♍51'13	1.43571 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-745 Sep 26 j 04:57	0°♎	
desc. node	-745 Sep 27 j 22:09	2°♎44'18	
evening rise	-745 Oct 03 j 17:01	11°♎48'47	
	-745 Oct 15 j 17:24	0°♏	
greatest brilliancy	-745 Oct 27 j 23:57	17°♏13'18	-0.5m
evening max el	-745 Nov 02 j 09:07	23°♏31'16	21°05'06
retrograde	-745 Nov 10 j 21:19	28°♏34'19	
evening set	-745 Nov 14 j 20:54	27°♏04'29	
asc. node	-745 Nov 14 j 17:19	27°♏11'10	
inferior conj	-745 Nov 20 j 07:04	20°♏50'00	1°49'58
minimum elong	-745 Nov 20 j 04:48	20°♏57'48	1°49'06
min. Earth dist.	-745 Nov 20 j 16:47	20°♏16'37	0.67329 AU
morning rise	-745 Nov 25 j 12:20	14°♏34'12	
direct	-745 Nov 30 j 17:40	12°♏19'24	
morning max el	-745 Dec 11 j 10:51	18°♏42'47	23°47'58
	-745 Dec 20 j 23:00	0°♐	
desc. node	-745 Dec 24 j 21:22	5°♐20'23	
	-744 Jan 10 j 05:06	0°♑	
morning set	-744 Jan 15 j 20:49	9°♑24'30	
max. Earth dist.	-744 Jan 19 j 20:33	16°♑20'19	1.38659 AU
superior conj	-744 Jan 27 j 04:35	29°♑45'33	-1°-51'-29
minimum elong	-744 Jan 27 j 07:44	0°♒00'23	1°51'18
	-744 Jan 27 j 07:39	0°♒	
evening rise	-744 Feb 05 j 06:32	17°♒20'13	
asc. node	-744 Feb 10 j 16:39	27°♒40'45	
	-744 Feb 11 j 23:30	0°♓	
evening max el	-744 Feb 21 j 16:04	13°♓45'49	18°48'43
retrograde	-744 Feb 29 j 20:11	17°♓43'09	
evening set	-744 Mar 03 j 03:46	17°♓25'19	
inferior conj	-744 Mar 11 j 00:01	13°♓04'56	2°45'01
minimum elong	-744 Mar 11 j 04:27	12°♓56'47	2°43'56
min. Earth dist.	-744 Mar 14 j 06:53	10°♓41'22	0.57487 AU
morning rise	-744 Mar 19 j 00:59	7°♓54'37	
desc. node	-744 Mar 21 j 20:32	6°♓58'31	
direct	-744 Mar 24 j 13:18	6°♓40'34	
morning max el	-744 Apr 07 j 21:08	14°♓09'44	26°03'46
	-744 Apr 20 j 11:00	0°♈	
morning set	-744 May 06 j 01:34	28°♈32'00	
	-744 May 06 j 18:16	0°♉	
asc. node	-744 May 08 j 15:59	4°♉04'30	
superior conj	-744 May 13 j 02:35	13°♉45'51	0°45'24
minimum elong	-744 May 13 j 00:43	13°♉35'43	0°45'03
max. Earth dist.	-744 May 13 j 16:03	14°♉59'39	1.32553 AU
evening rise	-744 May 20 j 04:07	28°♉56'26	
	-744 May 20 j 16:24	0°♊	
	-744 Jun 06 j 10:44	0°♋	
desc. node	-744 Jun 17 j 19:49	14°♋39'57	
evening max el	-744 Jun 20 j 01:03	16°♋53'41	27°00'55
retrograde	-744 Jul 03 j 23:40	24°♋11'33	
evening set	-744 Jul 10 j 22:57	22°♋00'54	
min. Earth dist.	-744 Jul 14 j 15:00	19°♋19'09	0.61124 AU
inferior conj	-744 Jul 17 j 20:13	16°♋31'50	-4°-26'-12
minimum elong	-744 Jul 17 j 23:34	16°♋24'31	4°25'48
morning rise	-744 Jul 25 j 03:10	11°♋40'39	
direct	-744 Jul 27 j 13:46	11°♋16'31	
morning max el	-744 Aug 03 j 15:44	14°♋46'49	18°01'51
asc. node	-744 Aug 04 j 15:11	15°♋47'00	
	-744 Aug 14 j 03:23	0°♌	
morning set	-744 Aug 19 j 12:58	9°♌50'02	
superior conj	-744 Aug 29 j 17:34	28°♌21'29	1°28'32
minimum elong	-744 Aug 29 j 21:52	28°♌40'23	1°28'10
	-744 Aug 30 j 16:00	0°♍	
max. Earth dist.	-744 Sep 06 j 07:05	11°♍18'52	1.41975 AU
evening rise	-744 Sep 12 j 08:05	21°♍09'10	
desc. node	-744 Sep 13 j 19:10	23°♍28'18	
	-744 Sep 17 j 23:44	0°♎	
	-744 Oct 09 j 01:20	0°♏	
greatest brilliancy	-744 Oct 10 j 09:36	1°♏39'50	-0.3m
evening max el	-744 Oct 15 j 03:18	6°♏59'39	22°20'48
retrograde	-744 Oct 24 j 16:59	12°♏41'09	
evening set	-744 Oct 29 j 04:39	10°♏53'55	
asc. node	-744 Oct 31 j 14:21	8°♏28'33	
inferior conj	-744 Nov 03 j 13:52	4°♏33'04	1°00'51
minimum elong	-744 Nov 03 j 12:30	4°♏37'49	1°00'16
min. Earth dist.	-744 Nov 03 j 12:52	4°♏36'32	0.67601 AU
	-744 Nov 07 j 02:32	30°℞♎	
morning rise	-744 Nov 08 j 20:11	28°♎18'32	
direct	-744 Nov 13 j 10:23	26°♎26'02	
	-744 Nov 20 j 17:43	0°♏	
morning max el	-744 Nov 22 j 22:05	2°♏03'17	22°20'44
greatest brilliancy	-744 Nov 27 j 13:42	7°♏16'53	-0.3m
desc. node	-744 Dec 10 j 18:24	25°♏15'23	
	-744 Dec 13 j 23:23	0°♐	
morning set	-744 Dec 26 j 06:08	19°♐07'53	
max. Earth dist.	-744 Dec 31 j 17:03	28°♐09'24	1.40769 AU
	-743 Jan 01 j 19:09	0°♑	
superior conj	-743 Jan 08 j 12:12	11°♑42'57	-2°00'-22
minimum elong	-743 Jan 08 j 12:59	11°♑46'28	2°00'22
	-743 Jan 18 j 10:05	0°♒	
evening rise	-743 Jan 18 j 16:56	0°♒32'09	
asc. node	-743 Jan 27 j 13:40	16°♒31'42	
evening max el	-743 Feb 03 j 22:21	26°♒28'41	18°18'22
	-743 Feb 10 j 08:16	0°♓	
retrograde	-743 Feb 11 j 02:19	0°♓02'21	
	-743 Feb 11 j 20:29	30°℞♒	
evening set	-743 Feb 13 j 14:26	29°♒37'16	
inferior conj	-743 Feb 20 j 17:58	24°♒55'54	3°33'44
minimum elong	-743 Feb 20 j 20:46	24°♒49'54	3°33'20
min. Earth dist.	-743 Feb 24 j 03:44	22°♒02'31	0.59488 AU
morning rise	-743 Feb 27 j 23:36	19°♒21'08	
direct	-743 Mar 06 j 10:16	17°♒28'50	
desc. node	-743 Mar 08 j 17:34	17°♒42'45	
morning max el	-743 Mar 20 j 17:19	25°♒11'58	27°10'45
	-743 Mar 25 j 03:53	0°♓	
	-743 Apr 13 j 16:53	0°♈	
morning set	-743 Apr 20 j 10:52	13°♈21'50	
asc. node	-743 Apr 25 j 13:00	24°♈14'44	
max. Earth dist.	-743 Apr 27 j 04:54	27°♈53'02	1.32375 AU
superior conj	-743 Apr 27 j 14:20	28°♈44'44	0°21'36
minimum elong	-743 Apr 27 j 13:22	28°♈39'30	0°21'24
	-743 Apr 28 j 04:03	0°♉	
evening rise	-743 May 04 j 13:13	13°♉48'21	
	-743 May 12 j 18:21	0°♊	
evening max el	-743 Jun 02 j 00:08	28°♊32'52	26°05'03
	-743 Jun 03 j 14:22	0°♋	
desc. node	-743 Jun 04 j 16:51	0°♋55'27	
retrograde	-743 Jun 16 j 01:33	5°♋46'39	
evening set	-743 Jun 22 j 06:50	4°♋12'05	
min. Earth dist.	-743 Jun 26 j 12:56	1°♋33'22	0.59066 AU
	-743 Jun 28 j 14:56	30°℞♊	
inferior conj	-743 Jun 29 j 20:57	29°♊02'44	-4°-40'-29
minimum elong	-743 Jun 29 j 21:09	29°♊02'21	4°40'30
morning rise	-743 Jul 07 j 15:04	24°♊34'03	
direct	-743 Jul 10 j 02:27	24°♊13'15	
morning max el	-743 Jul 18 j 00:07	27°♊59'38	18°29'49
	-743 Jul 19 j 21:50	0°♋	
asc. node	-743 Jul 22 j 12:13	3°♋20'21	
morning set	-743 Aug 03 j 02:57	23°♋37'41	
	-743 Aug 06 j 10:20	0°♌	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-743 Aug 12 j 03:57	10°♌51'54	1°43'22
minimum elong	-743 Aug 12 j 06:04	11°♌01'42	1°43'17
max. Earth dist.	-743 Aug 19 j 12:06	24°♌04'08	1.40053 AU
	-743 Aug 22 j 23:18	0°♍	
evening rise	-743 Aug 23 j 21:17	1°♍32'12	
desc. node	-743 Aug 31 j 16:12	14°♍05'51	
	-743 Sep 11 j 08:29	0°♎	
evening max el	-743 Sep 27 j 17:11	20°♎30'39	23°40'57
retrograde	-743 Oct 08 j 09:29	26°♎48'30	
evening set	-743 Oct 13 j 11:02	24°♎42'52	
asc. node	-743 Oct 18 j 11:23	18°♎51'23	
inferior conj	-743 Oct 18 j 20:43	18°♎19'34	0°08'03
minimum elong	-743 Oct 18 j 20:31	18°♎20'14	0°07'57
transit middle	-743 Oct 18 j 20:31	18°♎20'14	0°07'57
transit begin	-743 Oct 18 j 18:09	18°♎28'19	
transit end	-743 Oct 18 j 22:53	18°♎12'09	
min. Earth dist.	-743 Oct 18 j 09:24	18°♎58'11	0.67559 AU
morning rise	-743 Oct 24 j 06:07	12°♎09'09	
direct	-743 Oct 28 j 06:24	10°♎38'31	
morning max el	-743 Nov 05 j 15:16	15°♎31'49	20°59'59
greatest brilliancy	-743 Nov 11 j 05:51	22°♎04'02	-0.5m
	-743 Nov 17 j 02:12	0°♏	
desc. node	-743 Nov 27 j 15:27	15°♏30'02	
morning set	-743 Dec 05 j 12:37	27°♏37'03	
	-743 Dec 07 j 01:04	0°♐	
max. Earth dist.	-743 Dec 13 j 20:42	10°♐54'54	1.42672 AU
superior conj	-743 Dec 20 j 20:41	22°♐32'57	-1°-56'-16
minimum elong	-743 Dec 20 j 17:13	22°♐18'11	1°56'09
	-743 Dec 25 j 04:44	0°♑	
evening rise	-742 Jan 01 j 13:11	13°♑00'59	
	-742 Jan 11 j 07:13	0°♒	
asc. node	-742 Jan 14 j 10:41	4°♒45'42	
evening max el	-742 Jan 18 j 09:13	9°♒32'09	18°07'49
retrograde	-742 Jan 25 j 00:17	12°♒57'32	
evening set	-742 Jan 27 j 16:31	12°♒23'57	
inferior conj	-742 Feb 03 j 06:32	7°♒20'48	3°52'04
minimum elong	-742 Feb 03 j 06:58	7°♒19'43	3°52'02
min. Earth dist.	-742 Feb 06 j 07:30	4°♒22'38	0.61565 AU
morning rise	-742 Feb 09 j 18:58	1°♒29'53	
	-742 Feb 12 j 10:25	30°℞♑	
direct	-742 Feb 16 j 17:21	29°♑04'32	
	-742 Feb 21 j 05:17	0°♒	
desc. node	-742 Feb 23 j 14:37	1°♒09'57	
morning max el	-742 Mar 02 j 19:43	6°♒53'50	27°43'51
	-742 Mar 20 j 08:30	0°♓	
morning set	-742 Apr 04 j 16:03	27°♓57'01	
	-742 Apr 05 j 15:56	0°♈	
max. Earth dist.	-742 Apr 10 j 16:10	10°♈38'47	1.32560 AU
superior conj	-742 Apr 12 j 01:02	13°♈37'24	0°-3'-58
minimum elong	-742 Apr 12 j 01:13	13°♈38'23	0°03'56
behind sun begin	-742 Apr 11 j 20:15	13°♈11'23	
behind sun end	-742 Apr 12 j 06:10	14°♈05'25	
asc. node	-742 Apr 12 j 10:03	14°♈26'33	
evening rise	-742 Apr 19 j 00:35	28°♈44'17	
	-742 Apr 19 j 14:58	0°♉	
	-742 May 06 j 14:47	0°♊	
evening max el	-742 May 14 j 17:08	9°♊31'39	24°43'37
desc. node	-742 May 22 j 13:52	15°♊10'37	
retrograde	-742 May 28 j 16:17	16°♊35'48	
evening set	-742 Jun 02 j 15:54	15°♊39'35	
min. Earth dist.	-742 Jun 08 j 04:44	12°♊47'05	0.57149 AU
inferior conj	-742 Jun 11 j 02:11	10°♊53'41	-4°-23'-4
minimum elong	-742 Jun 10 j 21:54	11°♊00'43	4°22'32
morning rise	-742 Jun 19 j 07:46	6°♊45'47	
direct	-742 Jun 21 j 21:21	6°♊27'12	
morning max el	-742 Jul 01 j 00:28	10°♊42'13	19°18'32
asc. node	-742 Jul 09 j 09:17	21°♊42'14	
	-742 Jul 14 j 00:53	0°♋	
morning set	-742 Jul 18 j 02:06	7°♋53'44	
superior conj	-742 Jul 26 j 07:43	24°♋15'17	1°47'36
minimum elong	-742 Jul 26 j 07:43	24°♋15'17	1°47'37
	-742 Jul 29 j 07:24	0°♌	
max. Earth dist.	-742 Aug 01 j 15:11	6°♌12'07	1.38059 AU
evening rise	-742 Aug 05 j 11:33	13°♌06'51	
	-742 Aug 15 j 14:58	0°♍	
desc. node	-742 Aug 18 j 13:14	4°♍32'25	
	-742 Sep 06 j 08:39	0°♎	
evening max el	-742 Sep 10 j 04:55	4°♎05'17	24°58'52
retrograde	-742 Sep 21 j 21:54	10°♎52'56	
evening set	-742 Sep 27 j 14:21	8°♎29'36	
min. Earth dist.	-742 Oct 02 j 03:58	3°♎19'56	0.67197 AU
inferior conj	-742 Oct 03 j 01:53	2°♎07'45	0°-46'-54
minimum elong	-742 Oct 03 j 03:03	2°♎03'56	0°46'25
	-742 Oct 04 j 17:31	30°℞♍	
asc. node	-742 Oct 05 j 08:27	29°♍14'36	
morning rise	-742 Oct 08 j 16:13	26°♍04'23	
direct	-742 Oct 12 j 04:22	24°♍53'24	
morning max el	-742 Oct 19 j 16:08	29°♍10'53	19°51'01
	-742 Oct 20 j 10:56	0°♎	
greatest brilliancy	-742 Oct 27 j 09:01	8°♎44'46	-0.6m
	-742 Nov 10 j 15:23	0°♏	
morning set	-742 Nov 14 j 09:29	5°♏47'07	
desc. node	-742 Nov 14 j 12:30	5°♏58'49	
max. Earth dist.	-742 Nov 26 j 08:21	24°♏31'01	1.44103 AU
	-742 Nov 29 j 18:31	0°♐	
superior conj	-742 Dec 01 j 02:16	2°♐08'17	-1°-35'-4
minimum elong	-742 Nov 30 j 18:41	1°♐37'36	1°34'26
evening rise	-742 Dec 14 j 15:02	24°♐39'12	
	-742 Dec 17 j 18:19	0°♑	
asc. node	-741 Jan 01 j 07:44	22°♑11'44	
evening max el	-741 Jan 01 j 21:44	22°♑48'24	18°16'20
retrograde	-741 Jan 08 j 09:41	26°♑18'33	
evening set	-741 Jan 11 j 06:07	25°♑35'37	
inferior conj	-741 Jan 17 j 09:51	20°♑11'56	3°47'52
minimum elong	-741 Jan 17 j 08:25	20°♑15'55	3°47'45
min. Earth dist.	-741 Jan 19 j 20:36	17°♑30'11	0.63462 AU
morning rise	-741 Jan 23 j 09:02	14°♑10'18	
direct	-741 Jan 30 j 08:35	11°♑24'45	
desc. node	-741 Feb 10 j 11:40	16°♑47'01	
morning max el	-741 Feb 13 j 03:07	19°♑14'40	27°40'00
	-741 Feb 22 j 07:19	0°♒	
	-741 Mar 13 j 06:19	0°♓	
morning set	-741 Mar 19 j 14:40	12°♓08'27	
max. Earth dist.	-741 Mar 24 j 21:46	23°♓01'54	1.33135 AU
superior conj	-741 Mar 27 j 08:51	28°♓16'35	0°-30'-26
minimum elong	-741 Mar 27 j 10:18	28°♓24'20	0°30'09
	-741 Mar 28 j 04:06	0°♈	
asc. node	-741 Mar 30 j 07:04	4°♈34'50	
evening rise	-741 Apr 03 j 12:18	13°♈36'18	
	-741 Apr 11 j 20:29	0°♉	
evening max el	-741 Apr 26 j 07:59	20°♉07'41	23°09'24
desc. node	-741 May 09 j 10:53	26°♉48'37	
retrograde	-741 May 09 j 18:35	26°♉48'51	
evening set	-741 May 13 j 08:07	26°♉21'00	
min. Earth dist.	-741 May 20 j 17:42	23°♉01'31	0.55699 AU
inferior conj	-741 May 22 j 11:43	22°♉00'12	-3°-22'-53
minimum elong	-741 May 22 j 04:41	22°♉10'28	3°21'07
morning rise	-741 May 31 j 04:27	18°♉05'25	
direct	-741 Jun 02 j 21:18	17°♉47'52	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning max el	-741 Jun 13 j 14:28	22°♉45'37	20°28'03	
	-741 Jun 19 j 18:05	0°♊		
asc. node	-741 Jun 26 j 06:22	10°♊40'30		
morning set	-741 Jul 02 j 07:29	22°♊29'49		
	-741 Jul 05 j 22:59	0°♋		
superior conj	-741 Jul 09 j 23:55	8°♋17'06	1°43'31	
minimum elong	-741 Jul 09 j 22:24	8°♋09'28	1°43'27	
max. Earth dist.	-741 Jul 14 j 21:34	18°♋01'24	1.36220 AU	
evening rise	-741 Jul 18 j 23:27	25°♋44'41		
	-741 Jul 21 j 07:30	0°♌		
desc. node	-741 Aug 05 j 10:16	24°♌42'11		
	-741 Aug 09 j 02:32	0°♍		
evening max el	-741 Aug 23 j 16:20	17°♍41'03	26°07'04	
retrograde	-741 Sep 05 j 05:42	24°♍49'12		
evening set	-741 Sep 11 j 12:42	22°♍11'31		
min. Earth dist.	-741 Sep 15 j 18:12	17°♍38'59	0.66496 AU	
inferior conj	-741 Sep 17 j 03:36	15°♍54'55	-1°-42'-26	
minimum elong	-741 Sep 17 j 06:09	15°♍46'56	1°41'25	
asc. node	-741 Sep 22 j 05:32	10°♍32'54		
morning rise	-741 Sep 23 j 00:30	10°♍01'39		
direct	-741 Sep 26 j 02:40	9°♍06'56		
morning max el	-741 Oct 03 j 00:07	12°♍58'36	18°56'42	
	-741 Oct 15 j 10:42	0°♎		
morning set	-741 Oct 24 j 21:03	14°♎47'16		
desc. node	-741 Nov 01 j 09:34	26°♎37'17		
	-741 Nov 03 j 13:11	0°♏		
max. Earth dist.	-741 Nov 09 j 01:10	8°♏38'39	1.44879 AU	
superior conj	-741 Nov 10 j 09:00	10°♏44'02	0°-56'-20	
minimum elong	-741 Nov 10 j 02:07	10°♏16'54	0°55'31	
	-741 Nov 22 j 11:17	0°♐		
evening rise	-741 Nov 25 j 18:29	5°♐20'12		
	-741 Dec 11 j 09:28	0°♑		
evening max el	-741 Dec 16 j 09:18	6°♑12'12	18°43'07	
asc. node	-741 Dec 19 j 04:47	8°♑36'41		
retrograde	-741 Dec 23 j 02:18	9°♑57'52		
evening set	-741 Dec 26 j 03:57	9°♑04'21		
inferior conj	-740 Jan 01 j 00:09	3°♑22'39	3°27'41	
minimum elong	-741 Dec 31 j 21:37	3°♑30'17	3°27'13	
min. Earth dist.	-740 Jan 02 j 19:39	1°♑11'02	0.65033 AU	
	-740 Jan 03 j 20:06	30°℞♐		
morning rise	-740 Jan 06 j 14:10	27°♐13'49		
direct	-740 Jan 13 j 06:54	24°♐22'47		
	-740 Jan 24 j 08:05	0°♑		
morning max el	-740 Jan 26 j 12:51	2°♑05'11	27°02'23	
desc. node	-740 Jan 28 j 08:44	3°♑59'10		
	-740 Feb 16 j 11:45	0°♒		
morning set	-740 Mar 02 j 03:40	25°♒46'43		
	-740 Mar 04 j 07:33	0°♓		
max. Earth dist.	-740 Mar 06 j 17:48	4°♓51'48	1.34143 AU	
superior conj	-740 Mar 10 j 11:51	12°♓36'23	0°-56'-43	
minimum elong	-740 Mar 10 j 14:31	12°♓50'16	0°56'15	
asc. node	-740 Mar 16 j 04:07	24°♓35'44		
evening rise	-740 Mar 17 j 22:36	28°♓18'26		
	-740 Mar 18 j 18:11	0°♈		
	-740 Apr 06 j 07:05	0°♉		
evening max el	-740 Apr 07 j 03:45	0°♉51'24	21°36'56	
retrograde	-740 Apr 19 j 10:32	6°♉50'05		
evening set	-740 Apr 21 j 22:56	6°♉35'47		
desc. node	-740 Apr 25 j 07:54	5°♉35'47		
inferior conj	-740 May 01 j 07:56	2°♉33'53	-1°-41'-19	
minimum elong	-740 May 01 j 03:15	2°♉40'26	1°39'44	
min. Earth dist.	-740 May 01 j 06:44	2°♉35'34	0.55033 AU	
	-740 May 06 j 05:31	30°℞♈		
morning rise	-740 May 10 j 08:18	28°♈35'43		
direct	-740 May 13 j 08:47	28°♈15'42		
	-740 May 20 j 02:05	0°♉		
morning max el	-740 May 25 j 17:30	4°♉06'17	21°55'50	
asc. node	-740 Jun 12 j 03:25	0°♊05'56		
	-740 Jun 12 j 02:13	0°♊		
morning set	-740 Jun 15 j 16:52	7°♊19'24		
superior conj	-740 Jun 23 j 00:43	22°♊45'49	1°32'59	
minimum elong	-740 Jun 22 j 22:24	22°♊33'38	1°32'45	
max. Earth dist.	-740 Jun 26 j 12:09	29°♊57'26	1.34700 AU	
	-740 Jun 26 j 12:39	0°♋		
evening rise	-740 Jul 01 j 04:01	9°♋12'44		
	-740 Jul 12 j 19:45	0°♌		
desc. node	-740 Jul 22 j 07:17	14°♌27'24		
	-740 Aug 03 j 23:08	0°♍		
evening max el	-740 Aug 05 j 04:02	1°♍11'23	26°57'41	
retrograde	-740 Aug 18 j 08:22	8°♍29'54		
evening set	-740 Aug 25 j 03:45	5°♍44'47		
min. Earth dist.	-740 Aug 29 j 01:47	1°♍49'59	0.65440 AU	
inferior conj	-740 Aug 30 j 23:43	29°♌37'13	-2°-36'-34	
minimum elong	-740 Aug 31 j 03:31	29°♌26'13	2°35'14	
	-740 Aug 30 j 15:52	30°℞♌		
morning rise	-740 Sep 06 j 04:42	23°♌57'04		
asc. node	-740 Sep 08 j 02:37	23°♌18'59		
direct	-740 Sep 08 j 23:17	23°♌14'54		
morning max el	-740 Sep 15 j 13:06	26°♌49'54	18°18'30	
	-740 Sep 18 j 07:24	0°♍		
morning set	-740 Oct 04 j 12:06	25°♍09'07		
	-740 Oct 07 j 11:20	0°♎		
desc. node	-740 Oct 18 j 06:36	17°♎21'10		
superior conj	-740 Oct 19 j 09:57	19°♎09'25	0°-7'-27	
minimum elong	-740 Oct 19 j 08:59	19°♎05'35	0°07'20	
behind sun begin	-740 Oct 18 j 22:57	18°♎25'56		
behind sun end	-740 Oct 19 j 19:00	19°♎45'13		
max. Earth dist.	-740 Oct 21 j 19:35	22°♎56'46	1.44927 AU	
	-740 Oct 26 j 07:23	0°♏		
evening rise	-740 Nov 04 j 22:00	15°♏01'49		
	-740 Nov 14 j 12:40	0°♐		
greatest brilliancy	-740 Nov 19 j 21:01	8°♐05'39	-0.7m	
evening max el	-740 Nov 28 j 17:36	19°♐38'58	19°26'57	
asc. node	-740 Dec 05 j 01:51	23°♐44'48		
retrograde	-740 Dec 05 j 22:41	23°♐49'02		
evening set	-740 Dec 09 j 07:14	22°♐43'11		
inferior conj	-740 Dec 14 j 22:07	16°♐46'21	2°56'02	
minimum elong	-740 Dec 14 j 19:15	16°♐55'38	2°55'15	
min. Earth dist.	-740 Dec 16 j 03:20	15°♐11'44	0.66223 AU	
morning rise	-740 Dec 20 j 06:30	10°♐33'02		
direct	-740 Dec 26 j 11:24	7°♐49'26		
morning max el	-739 Jan 07 j 22:12	15°♐11'28	25°58'28	
desc. node	-739 Jan 14 j 05:47	22°♐18'15		
	-739 Jan 20 j 03:09	0°♑		
	-739 Feb 08 j 07:23	0°♒		
morning set	-739 Feb 13 j 02:51	8°♒39'04		
max. Earth dist.	-739 Feb 17 j 01:46	16°♒07'17	1.35603 AU	
superior conj	-739 Feb 22 j 07:33	26°♒29'29	-1°-21'-20	
minimum elong	-739 Feb 22 j 11:05	26°♒47'22	1°20'50	
	-739 Feb 24 j 00:55	0°♓		
evening rise	-739 Mar 02 j 05:29	12°♓44'23		
asc. node	-739 Mar 03 j 01:10	14°♓24'40		
	-739 Mar 11 j 07:47	0°♈		
evening max el	-739 Mar 20 j 09:44	12°♈06'31	20°17'06	
retrograde	-739 Mar 31 j 00:33	17°♈11'46		
evening set	-739 Apr 02 j 04:06	17°♈00'10		
inferior conj	-739 Apr 11 j 04:06	13°♈02'07	0°17'37	
minimum elong	-739 Apr 11 j 04:54	13°♈00'56	0°17'21	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-739 Apr 12 j 04:55	12°♈25'24	
min. Earth dist.	-739 Apr 12 j 20:43	12°♈02'11	0.55325 AU
morning rise	-739 Apr 20 j 03:18	8°♈41'51	
direct	-739 Apr 23 j 21:44	8°♈10'52	
morning max el	-739 May 07 j 11:44	14°♈51'21	23°35'02
	-739 May 19 j 07:24	0°♉	
asc. node	-739 May 30 j 00:28	19°♉51'26	
morning set	-739 May 31 j 04:25	22°♉16'59	
	-739 Jun 03 j 19:18	0°♊	
superior conj	-739 Jun 07 j 07:17	7°♊32'28	1°17'27
minimum elong	-739 Jun 07 j 04:45	7°♊18'54	1°17'06
max. Earth dist.	-739 Jun 09 j 12:23	12°♊15'51	1.33566 AU
evening rise	-739 Jun 14 j 20:46	23°♊18'06	
	-739 Jun 18 j 07:05	0°♋	
	-739 Jul 06 j 11:46	0°♌	
desc. node	-739 Jul 09 j 04:16	3°♌37'49	
evening max el	-739 Jul 18 j 15:15	14°♌26'38	27°23'30
retrograde	-739 Aug 01 j 05:19	21°♌47'10	
evening set	-739 Aug 08 j 08:34	19°♌05'09	
min. Earth dist.	-739 Aug 12 j 00:42	15°♌45'38	0.64020 AU
inferior conj	-739 Aug 14 j 11:52	13°♌10'16	-3°-26'-32
minimum elong	-739 Aug 14 j 16:24	12°♌58'18	3°25'17
morning rise	-739 Aug 21 j 02:12	7°♌46'27	
direct	-739 Aug 23 j 15:45	7°♌13'20	
asc. node	-739 Aug 25 j 23:40	7°♌40'55	
morning max el	-739 Aug 30 j 04:30	10°♌39'49	17°57'32
	-739 Sep 12 j 06:37	0°♍	
morning set	-739 Sep 16 j 06:14	6°♍49'46	
superior conj	-739 Sep 29 j 02:52	28°♍25'08	0°39'02
minimum elong	-739 Sep 29 j 06:58	28°♍41'48	0°38'29
	-739 Sep 30 j 02:11	0°♎	
max. Earth dist.	-739 Oct 04 j 12:56	7°♎09'16	1.44260 AU
desc. node	-739 Oct 05 j 03:38	8°♎07'46	
evening rise	-739 Oct 15 j 07:50	24°♎02'16	
	-739 Oct 19 j 05:07	0°♏	
greatest brilliancy	-739 Nov 05 j 14:46	25°♏32'48	-0.5m
	-739 Nov 09 j 02:21	0°♐	
evening max el	-739 Nov 11 j 20:58	3°♐06'57	20°25'41
retrograde	-739 Nov 19 j 20:13	7°♐48'40	
asc. node	-739 Nov 21 j 22:53	7°♐23'11	
evening set	-739 Nov 23 j 13:44	6°♐28'14	
inferior conj	-739 Nov 29 j 01:10	0°♐19'26	2°15'58
minimum elong	-739 Nov 28 j 22:33	0°♐28'17	2°15'04
	-739 Nov 29 j 06:55	30°℞♏	
min. Earth dist.	-739 Nov 29 j 17:39	29°♏23'44	0.67037 AU
morning rise	-739 Dec 04 j 06:52	24°♏03'58	
direct	-739 Dec 09 j 21:11	21°♏36'57	
morning max el	-739 Dec 21 j 06:32	28°♏24'17	24°37'48
	-739 Dec 22 j 19:14	0°♐	
desc. node	-738 Jan 01 j 02:50	11°♐24'47	
	-738 Jan 13 j 21:31	0°♑	
morning set	-738 Jan 26 j 06:38	20°♑29'39	
max. Earth dist.	-738 Jan 29 j 23:50	27°♑09'13	1.37472 AU
	-738 Jan 31 j 12:59	0°♒	
superior conj	-738 Feb 05 j 16:43	9°♒47'01	-1°-42'-14
minimum elong	-738 Feb 05 j 20:22	10°♒04'44	1°41'53
evening rise	-738 Feb 14 j 06:41	26°♒47'38	
	-738 Feb 15 j 21:34	0°♓	
asc. node	-738 Feb 17 j 22:12	3°♓56'21	
evening max el	-738 Mar 03 j 02:49	23°♓59'42	19°15'15
retrograde	-738 Mar 12 j 01:35	28°♓17'21	
evening set	-738 Mar 14 j 06:55	28°♓02'38	
inferior conj	-738 Mar 22 j 13:43	23°♓52'53	2°00'49
minimum elong	-738 Mar 22 j 17:56	23°♓45'48	1°59'34
min. Earth dist.	-738 Mar 25 j 11:44	21°♓56'13	0.56509 AU
desc. node	-738 Mar 30 j 01:58	19°♓23'54	
morning rise	-738 Mar 31 j 01:00	19°♓00'54	
direct	-738 Apr 04 j 21:57	18°♓06'06	
morning max el	-738 Apr 19 j 02:19	25°♓21'24	25°13'32
	-738 Apr 23 j 10:07	0°♈	
	-738 May 12 j 03:23	0°♉	
morning set	-738 May 15 j 16:23	7°♉16'06	
asc. node	-738 May 16 j 21:30	9°♉50'19	
superior conj	-738 May 22 j 17:16	22°♉28'35	0°58'01
minimum elong	-738 May 22 j 15:03	22°♉16'29	0°57'37
max. Earth dist.	-738 May 23 j 20:21	24°♉55'59	1.32818 AU
	-738 May 26 j 04:43	0°♊	
evening rise	-738 May 29 j 21:59	7°♊48'27	
	-738 Jun 10 j 18:11	0°♋	
desc. node	-738 Jun 26 j 01:16	21°♋57'53	
evening max el	-738 Jun 30 j 23:41	27°♋12'25	27°18'44
	-738 Jul 04 j 04:43	0°♌	
retrograde	-738 Jul 14 j 19:36	4°♌30'47	
evening set	-738 Jul 21 j 23:21	2°♌04'53	
	-738 Jul 24 j 16:07	30°℞♋	
min. Earth dist.	-738 Jul 25 j 13:24	29°♋13'08	0.62259 AU
inferior conj	-738 Jul 28 j 12:59	26°♋25'55	-4°-8'-19
minimum elong	-738 Jul 28 j 17:14	26°♋15'56	4°07'32
morning rise	-738 Aug 04 j 13:39	21°♋21'49	
direct	-738 Aug 07 j 00:46	20°♋54'54	
asc. node	-738 Aug 12 j 20:43	23°♋28'40	
morning max el	-738 Aug 13 j 19:29	24°♋21'03	17°54'48
	-738 Aug 18 j 09:36	0°♌	
morning set	-738 Aug 29 j 21:39	19°♌31'20	
	-738 Sep 04 j 18:19	0°♍	
superior conj	-738 Sep 09 j 22:36	9°♍00'18	1°14'19
minimum elong	-738 Sep 10 j 03:40	9°♍21'56	1°13'46
max. Earth dist.	-738 Sep 17 j 02:47	20°♍59'30	1.42956 AU
desc. node	-738 Sep 22 j 00:39	28°♍53'29	
	-738 Sep 22 j 17:27	0°♎	
evening rise	-738 Sep 24 j 15:42	3°♎01'42	
	-738 Oct 12 j 17:00	0°♏	
greatest brilliancy	-738 Oct 20 j 20:07	10°♏55'55	-0.4m
evening max el	-738 Oct 25 j 18:31	16°♏35'18	21°36'22
retrograde	-738 Nov 03 j 16:58	21°♏53'55	
evening set	-738 Nov 07 j 21:33	20°♏16'47	
asc. node	-738 Nov 08 j 19:55	19°♏28'22	
inferior conj	-738 Nov 13 j 07:09	13°♏59'19	1°29'40
minimum elong	-738 Nov 13 j 05:14	14°♏05'59	1°28'54
min. Earth dist.	-738 Nov 13 j 12:12	13°♏41'53	0.67494 AU
morning rise	-738 Nov 18 j 12:38	7°♏43'59	
direct	-738 Nov 23 j 11:33	5°♏38'31	
morning max el	-738 Dec 03 j 15:50	11°♏41'43	23°10'28
greatest brilliancy	-738 Dec 08 j 15:55	17°♏18'23	-0.3m
	-738 Dec 18 j 05:32	0°♐	
desc. node	-738 Dec 18 j 23:53	1°♐05'09	
	-737 Jan 06 j 17:50	0°♑	
morning set	-737 Jan 07 j 08:49	1°♑02'21	
max. Earth dist.	-737 Jan 11 j 19:18	8°♑34'59	1.39570 AU
superior conj	-737 Jan 19 j 11:11	22°♑17'51	-1°-56'-33
minimum elong	-737 Jan 19 j 13:34	22°♑28'54	1°56'28
	-737 Jan 23 j 13:49	0°♒	
evening rise	-737 Jan 28 j 23:29	10°♒21'10	
asc. node	-737 Feb 04 j 19:13	23°♒04'43	
	-737 Feb 09 j 00:39	0°♓	
evening max el	-737 Feb 14 j 05:06	6°♓26'57	18°33'18
retrograde	-737 Feb 21 j 21:22	10°♓12'13	
evening set	-737 Feb 24 j 07:02	9°♓51'23	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

inferior conj	-737 Mar 03 j 19:46	5°♓21'58	3°09'55
minimum elong	-737 Mar 03 j 23:43	5°♓14'12	3°09'06
min. Earth dist.	-737 Mar 07 j 05:31	2°♓43'06	0.58310 AU
morning rise	-737 Mar 11 j 12:32	0°♓00'23	
	-737 Mar 11 j 12:50	30°℞♒	
desc. node	-737 Mar 16 j 23:00	28°♒31'11	
direct	-737 Mar 17 j 11:26	28°♒30'30	
	-737 Mar 23 j 13:15	0°♓	
morning max el	-737 Mar 31 j 19:28	6°♓05'56	26°36'03
	-737 Apr 18 j 11:24	0°♈	
morning set	-737 Apr 30 j 03:11	22°♈11'19	
asc. node	-737 May 03 j 18:32	29°♈57'51	
	-737 May 03 j 18:56	0°♉	
superior conj	-737 May 07 j 04:52	7°♉28'07	0°35'34
minimum elong	-737 May 07 j 03:22	7°♉19'51	0°35'16
max. Earth dist.	-737 May 07 j 08:39	7°♉48'52	1.32437 AU
evening rise	-737 May 14 j 04:54	22°♉34'45	
	-737 May 17 j 20:19	0°♊	
	-737 Jun 04 j 23:25	0°♋	
desc. node	-737 Jun 12 j 22:16	9°♋06'36	
evening max el	-737 Jun 13 j 02:32	9°♋16'47	26°40'49
retrograde	-737 Jun 27 j 02:12	16°♋32'34	
evening set	-737 Jul 03 j 19:42	14°♋36'05	
min. Earth dist.	-737 Jul 07 j 15:54	11°♋58'06	0.60256 AU
inferior conj	-737 Jul 10 j 23:37	9°♋15'26	-4°-35'-21
minimum elong	-737 Jul 11 j 01:53	9°♋10'47	4°35'11
morning rise	-737 Jul 18 j 11:17	4°♋33'48	
direct	-737 Jul 20 j 22:11	4°♋11'07	
morning max el	-737 Jul 28 j 07:07	7°♋46'25	18°11'19
asc. node	-737 Jul 30 j 17:46	10°♋27'34	
	-737 Aug 11 j 14:45	0°♌	
morning set	-737 Aug 13 j 04:41	2°♌58'00	
superior conj	-737 Aug 22 j 20:22	20°♌52'50	1°36'17
minimum elong	-737 Aug 22 j 23:48	21°♌08'15	1°36'02
	-737 Aug 28 j 00:20	0°♍	
max. Earth dist.	-737 Aug 30 j 11:03	4°♍11'04	1.41184 AU
evening rise	-737 Sep 04 j 15:05	12°♍45'13	
desc. node	-737 Sep 08 j 21:40	19°♍34'55	
	-737 Sep 15 j 16:39	0°♎	
greatest brilliancy	-737 Oct 03 j 07:13	24°♎18'31	-0.3m
	-737 Oct 08 j 08:54	0°♏	
evening max el	-737 Oct 08 j 10:35	0°♏04'15	22°54'40
retrograde	-737 Oct 18 j 11:25	6°♏01'39	
evening set	-737 Oct 23 j 04:57	4°♏06'20	
asc. node	-737 Oct 26 j 16:58	0°♏17'02	
	-737 Oct 26 j 22:10	30°℞♎	
inferior conj	-737 Oct 28 j 14:11	27°♎43'55	0°38'48
minimum elong	-737 Oct 28 j 13:17	27°♎47'01	0°38'25
min. Earth dist.	-737 Oct 28 j 08:41	28°♎02'51	0.67623 AU
morning rise	-737 Nov 02 j 21:36	21°♎31'01	
direct	-737 Nov 07 j 05:39	19°♎48'13	
morning max el	-737 Nov 16 j 05:25	25°♎05'50	21°45'17
	-737 Nov 20 j 14:00	0°♏	
greatest brilliancy	-737 Nov 21 j 02:51	0°♏39'29	-0.4m
desc. node	-737 Dec 05 j 20:56	21°♏09'19	
	-737 Dec 11 j 17:28	0°♐	
morning set	-737 Dec 18 j 05:49	10°♐11'05	
max. Earth dist.	-737 Dec 24 j 18:58	20°♐49'43	1.41624 AU
	-737 Dec 30 j 05:06	0°♑	
superior conj	-736 Jan 01 j 09:37	3°♑48'00	-2°00'-29
minimum elong	-736 Jan 01 j 08:47	3°♑44'21	2°00'30
evening rise	-736 Jan 12 j 04:25	23°♑16'14	
	-736 Jan 15 j 20:33	0°♒	
asc. node	-736 Jan 22 j 16:16	11°♒41'20	
evening max el	-736 Jan 28 j 13:39	19°♒19'13	18°11'24
retrograde	-736 Feb 04 j 10:59	22°♒48'01	
evening set	-736 Feb 07 j 00:47	22°♒19'31	
inferior conj	-736 Feb 13 j 22:08	17°♒28'36	3°44'43
minimum elong	-736 Feb 13 j 23:55	17°♒24'30	3°44'34
min. Earth dist.	-736 Feb 17 j 05:04	14°♒30'14	0.60379 AU
morning rise	-736 Feb 20 j 19:59	11°♒45'45	
direct	-736 Feb 27 j 12:45	9°♒38'25	
desc. node	-736 Mar 02 j 20:03	10°♒27'22	
morning max el	-736 Mar 12 j 18:34	17°♒25'08	27°29'21
	-736 Mar 23 j 05:46	0°♓	
	-736 Apr 10 j 00:39	0°♈	
morning set	-736 Apr 13 j 10:59	6°♈55'42	
asc. node	-736 Apr 19 j 15:35	20°♈09'04	
max. Earth dist.	-736 Apr 19 j 21:21	20°♈40'33	1.32409 AU
superior conj	-736 Apr 20 j 16:22	22°♈24'39	0°10'55
minimum elong	-736 Apr 20 j 15:53	22°♈21'56	0°10'49
behind sun begin	-736 Apr 20 j 12:11	22°♈01'42	
behind sun end	-736 Apr 20 j 19:34	22°♈42'11	
	-736 Apr 24 j 03:37	0°♉	
evening rise	-736 Apr 27 j 15:11	7°♉28'40	
	-736 May 09 j 10:40	0°♊	
evening max el	-736 May 24 j 22:30	20°♊36'05	25°32'47
desc. node	-736 May 29 j 19:17	24°♊35'02	
retrograde	-736 Jun 07 j 23:46	27°♊47'35	
evening set	-736 Jun 13 j 17:48	26°♊29'29	
min. Earth dist.	-736 Jun 18 j 10:35	23°♊46'56	0.58211 AU
inferior conj	-736 Jun 21 j 16:16	21°♊29'31	-4°-37'-46
minimum elong	-736 Jun 21 j 14:37	21°♊32'28	4°37'41
morning rise	-736 Jun 29 j 15:18	17°♊10'39	
direct	-736 Jul 02 j 03:29	16°♊50'57	
morning max el	-736 Jul 10 j 12:29	20°♊47'35	18°48'06
asc. node	-736 Jul 16 j 14:50	28°♊22'53	
	-736 Jul 17 j 15:45	0°♋	
morning set	-736 Jul 26 j 22:57	16°♋58'27	
	-736 Aug 02 j 15:10	0°♌	
superior conj	-736 Aug 04 j 14:51	3°♌47'51	1°46'20
minimum elong	-736 Aug 04 j 16:00	3°♌53'21	1°46'18
max. Earth dist.	-736 Aug 11 j 14:23	16°♌37'43	1.39188 AU
evening rise	-736 Aug 15 j 15:02	23°♌38'30	
	-736 Aug 19 j 10:08	0°♍	
desc. node	-736 Aug 25 j 18:41	10°♍08'20	
	-736 Sep 08 j 12:35	0°♎	
evening max el	-736 Sep 19 j 23:06	13°♎36'21	24°14'48
retrograde	-736 Oct 01 j 02:30	20°♎08'44	
evening set	-736 Oct 06 j 10:17	17°♎55'13	
min. Earth dist.	-736 Oct 11 j 04:43	12°♎25'07	0.67437 AU
inferior conj	-736 Oct 11 j 20:33	11°♎31'45	0°-15'-4
minimum elong	-736 Oct 11 j 20:55	11°♎30'32	0°14'56
transit middle	-736 Oct 11 j 20:55	11°♎30'32	0°14'56
transit begin	-736 Oct 11 j 19:49	11°♎34'13	
transit end	-736 Oct 11 j 22:00	11°♎26'51	
asc. node	-736 Oct 12 j 14:01	10°♎33'10	
morning rise	-736 Oct 17 j 07:50	5°♎23'59	
direct	-736 Oct 21 j 02:36	4°♎02'16	
morning max el	-736 Oct 29 j 01:56	8°♎39'38	20°29'04
greatest brilliancy	-736 Nov 04 j 10:22	16°♎14'26	-0.5m
	-736 Nov 14 j 02:41	0°♏	
desc. node	-736 Nov 21 j 18:00	11°♏30'51	
morning set	-736 Nov 26 j 05:22	18°♏24'08	
	-736 Dec 03 j 14:33	0°♐	
max. Earth dist.	-736 Dec 06 j 01:53	3°♐57'37	1.43349 AU
superior conj	-736 Dec 12 j 06:54	14°♐06'43	-1°-49'-32
minimum elong	-736 Dec 12 j 01:25	13°♐43'57	1°49'14

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-736 Dec	21 j 15:02	0°♑				-735 Nov	07 j 07:12	0°♏	
evening rise	-736 Dec	24 j 17:29	5°♑25'06			desc. node	-735 Nov	08 j 15:02	2°♏04'02	
asc. node	-735 Jan	08 j 13:19	29°♑36'45			max. Earth dist.	-735 Nov	18 j 15:33	17°♏47'25	1.44518 AU
	-735 Jan	08 j 20:41	0°♒							
evening max el	-735 Jan	11 j 01:34	2°♒29'09	18°09'04		superior conj	-735 Nov	22 j 01:34	23°♏13'13	-1°-20'-35
retrograde	-735 Jan	17 j 14:22	5°♒55'14			minimum elong	-735 Nov	21 j 17:28	22°♏40'56	1°19'45
evening set	-735 Jan	20 j 08:12	5°♒17'58				-735 Nov	26 j 06:54	0°♐	
inferior conj	-735 Jan	26 j 17:31	0°♒06'03	3°52'32		evening rise	-735 Dec	06 j 10:09	16°♐39'13	
minimum elong	-735 Jan	26 j 17:04	0°♒07'13	3°52'32			-735 Dec	14 j 10:46	0°♑	
	-735 Jan	26 j 19:51	30°℞♑			evening max el	-735 Dec	25 j 14:03	15°♑49'49	18°25'36
min. Earth dist.	-735 Jan	29 j 12:54	27°♑12'18	0.62410 AU		asc. node	-735 Dec	26 j 10:21	16°♑38'55	
morning rise	-735 Feb	01 j 23:46	24°♑09'46			retrograde	-734 Jan	01 j 03:10	19°♑25'03	
direct	-735 Feb	08 j 23:48	21°♑33'42			evening set	-734 Jan	04 j 01:41	18°♑37'50	
desc. node	-735 Feb	17 j 17:08	24°♑54'16			inferior conj	-734 Jan	10 j 01:56	13°♑06'27	3°40'56
morning max el	-735 Feb	22 j 23:30	29°♑24'56	27°46'29		minimum elong	-734 Jan	09 j 23:56	13°♑12'12	3°40'40
	-735 Feb	23 j 13:29	0°♒			min. Earth dist.	-734 Jan	12 j 06:17	10°♑36'07	0.64181 AU
	-735 Mar	17 j 03:19	0°♓			morning rise	-734 Jan	15 j 20:46	7°♑01'34	
morning set	-735 Mar	28 j 13:43	21°♓21'55			direct	-734 Jan	22 j 18:25	4°♑11'37	
	-735 Apr	01 j 17:33	0°♈			desc. node	-734 Feb	04 j 14:13	11°♑15'53	
max. Earth dist.	-735 Apr	03 j 06:31	3°♈17'18	1.32753 AU		morning max el	-734 Feb	05 j 08:02	11°♑59'33	27°27'38
							-734 Feb	19 j 17:25	0°♒	
superior conj	-735 Apr	05 j 02:06	7°♈12'21	0°-15'-9			-734 Mar	09 j 14:17	0°♓	
minimum elong	-735 Apr	05 j 02:48	7°♈16'12	0°15'01		morning set	-734 Mar	12 j 08:44	5°♓21'17	
behind sun begin	-735 Apr	05 j 01:08	7°♈07'09			max. Earth dist.	-734 Mar	17 j 08:19	15°♓27'01	1.33509 AU
behind sun end	-735 Apr	05 j 04:29	7°♈25'16							
asc. node	-735 Apr	06 j 12:38	10°♈19'50			superior conj	-734 Mar	20 j 08:12	21°♓45'09	0°-41'-41
evening rise	-735 Apr	12 j 02:55	22°♈23'25			minimum elong	-734 Mar	20 j 10:11	21°♓55'39	0°41'18
	-735 Apr	15 j 19:35	0°♉			asc. node	-734 Mar	24 j 09:41	0°♈26'10	
	-735 May	05 j 05:11	0°♊				-734 Mar	24 j 04:48	0°♈	
evening max el	-735 May	06 j 13:46	1°♊21'36	24°04'10		evening rise	-734 Mar	27 j 14:17	7°♈12'47	
desc. node	-735 May	16 j 16:19	7°♊47'00				-734 Apr	08 j 19:19	0°♉	
retrograde	-735 May	20 j 09:47	8°♊18'44			evening max el	-734 Apr	18 j 06:09	11°♉59'00	22°29'07
evening set	-735 May	24 j 18:18	7°♊36'35			retrograde	-734 May	01 j 06:48	18°♉23'35	
min. Earth dist.	-735 May	31 j 01:03	4°♊33'44	0.56445 AU		desc. node	-734 May	03 j 13:21	18°♉12'09	
inferior conj	-735 Jun	02 j 12:48	3°♊01'07	-4°-3'-9		evening set	-734 May	04 j 07:44	18°♉03'19	
minimum elong	-735 Jun	02 j 06:53	3°♊10'20	4°02'04		min. Earth dist.	-734 May	12 j 14:07	14°♉28'35	0.55306 AU
	-735 Jun	07 j 23:35	30°℞♉			inferior conj	-734 May	13 j 15:34	13°♉52'28	-2°-44'00
morning rise	-735 Jun	10 j 23:15	29°♉00'10			minimum elong	-734 May	13 j 08:52	14°♉01'59	2°42'01
direct	-735 Jun	13 j 13:44	28°♉42'23			morning rise	-734 May	22 j 12:11	9°♉58'14	
	-735 Jun	18 j 19:49	0°♊			direct	-734 May	25 j 07:32	9°♉40'10	
morning max el	-735 Jun	23 j 08:41	3°♊14'31	19°45'43		morning max el	-734 Jun	05 j 17:55	15°♉00'07	21°03'22
asc. node	-735 Jul	03 j 11:54	17°♊01'22				-734 Jun	16 j 22:40	0°♊	
	-735 Jul	10 j 08:24	0°♋			asc. node	-734 Jun	20 j 08:58	6°♊12'44	
morning set	-735 Jul	11 j 01:01	1°♋23'27			morning set	-734 Jun	25 j 08:23	16°♊06'31	
							-734 Jul	02 j 00:37	0°♋	
superior conj	-735 Jul	19 j 00:24	17°♋28'55	1°46'46						
minimum elong	-735 Jul	18 j 23:41	17°♋25'19	1°46'45		superior conj	-734 Jul	02 j 20:40	1°♋43'36	1°39'44
max. Earth dist.	-735 Jul	24 j 17:41	28°♋32'34	1.37236 AU		minimum elong	-734 Jul	02 j 18:44	1°♋33'37	1°39'36
	-735 Jul	25 j 12:23	0°♌			max. Earth dist.	-734 Jul	07 j 03:20	10°♋23'04	1.35533 AU
evening rise	-735 Jul	28 j 15:04	5°♌41'33			evening rise	-734 Jul	11 j 10:44	18°♋43'05	
	-735 Aug	12 j 08:12	0°♍				-734 Jul	17 j 16:17	0°♌	
desc. node	-735 Aug	12 j 15:42	0°♍28'19			desc. node	-734 Jul	30 j 12:41	20°♌28'39	
evening max el	-735 Sep	02 j 10:29	27°♍11'47	25°29'41			-734 Aug	06 j 11:19	0°♍	
	-735 Sep	05 j 13:02	0°♎			evening max el	-734 Aug	15 j 22:15	10°♍47'03	26°31'17
retrograde	-735 Sep	14 j 13:07	4°♎10'00			retrograde	-734 Aug	28 j 18:38	18°♍00'07	
evening set	-735 Sep	20 j 11:44	1°♎40'10			evening set	-734 Sep	04 j 07:13	15°♍18'35	
	-735 Sep	22 j 05:02	30°℞♍			min. Earth dist.	-734 Sep	08 j 09:35	11°♍01'56	0.66092 AU
min. Earth dist.	-735 Sep	24 j 21:51	26°♍45'50	0.66933 AU		inferior conj	-734 Sep	10 j 00:04	9°♍05'30	-2°-5'-42
inferior conj	-735 Sep	26 j 00:29	25°♍19'54	-1°-10'-30		minimum elong	-734 Sep	10 j 03:11	8°♍56'02	2°04'31
minimum elong	-735 Sep	26 j 02:14	25°♍14'13	1°09'46		morning rise	-734 Sep	16 j 00:12	3°♍17'10	
asc. node	-735 Sep	29 j 11:05	21°♍13'46			asc. node	-734 Sep	16 j 08:10	3°♍06'47	
morning rise	-735 Oct	01 j 17:23	19°♍20'10			direct	-734 Sep	18 j 22:55	2°♍28'04	
direct	-735 Oct	05 j 00:57	18°♍16'33			morning max el	-734 Sep	25 j 16:11	6°♍11'27	18°38'21
morning max el	-735 Oct	12 j 05:54	22°♍22'18	19°25'59			-734 Oct	12 j 05:01	0°♎	
	-735 Oct	18 j 11:21	0°♎			morning set	-734 Oct	16 j 04:20	6°♎21'05	
greatest brilliancy	-735 Oct	21 j 12:23	4°♎19'28	-0.7m		desc. node	-734 Oct	26 j 12:03	22°♎44'55	
morning set	-735 Nov	05 j 05:44	26°♎47'40				-734 Oct	31 j 02:31	0°♏	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-734 Nov 01 j 02:58	1°♏36'10	0°-36'-6
minimum elong	-734 Oct 31 j 22:15	1°♏17'36	0°35'31
max. Earth dist.	-734 Nov 01 j 09:37	2°♏02'21	1.44994 AU
evening rise	-734 Nov 17 j 03:10	26°♏53'52	
	-734 Nov 19 j 01:52	0°♐	
evening max el	-734 Dec 09 j 00:31	29°♐15'31	18°59'51
	-734 Dec 09 j 18:29	0°♑	
asc. node	-734 Dec 13 j 07:24	2°♑33'14	
retrograde	-734 Dec 15 j 21:39	3°♑10'10	
evening set	-734 Dec 19 j 02:08	2°♑11'29	
	-734 Dec 21 j 17:26	30°℞♐	
inferior conj	-734 Dec 24 j 19:48	26°♐22'58	3°15'28
minimum elong	-734 Dec 24 j 17:03	26°♐31'34	3°14'50
min. Earth dist.	-734 Dec 26 j 09:01	24°♐26'51	0.65588 AU
morning rise	-734 Dec 30 j 07:03	20°♐12'15	
direct	-733 Jan 05 j 19:19	17°♐23'09	
morning max el	-733 Jan 18 j 17:38	24°♐57'42	26°37'57
desc. node	-733 Jan 22 j 11:16	28°♐59'20	
	-733 Jan 23 j 08:07	0°♑	
	-733 Feb 13 j 04:12	0°♒	
morning set	-733 Feb 23 j 16:24	18°♒41'51	
max. Earth dist.	-733 Feb 27 j 23:29	27°♒02'31	1.34714 AU
	-733 Mar 01 j 10:56	0°♓	
superior conj	-733 Mar 04 j 08:26	5°♓55'02	-1°-7'-28
minimum elong	-733 Mar 04 j 11:31	6°♓10'58	1°06'57
asc. node	-733 Mar 11 j 06:43	20°♓22'58	
evening rise	-733 Mar 11 j 23:24	21°♓49'26	
	-733 Mar 16 j 00:38	0°♈	
evening max el	-733 Mar 31 j 05:54	22°♈54'31	21°00'56
retrograde	-733 Apr 11 j 20:05	28°♈30'33	
evening set	-733 Apr 14 j 03:12	28°♈18'11	
desc. node	-733 Apr 20 j 10:23	25°♈58'17	
inferior conj	-733 Apr 23 j 09:54	24°♈20'01	0°-50'-57
minimum elong	-733 Apr 23 j 07:29	24°♈23'26	0°50'05
min. Earth dist.	-733 Apr 24 j 03:09	23°♈55'36	0.55047 AU
morning rise	-733 May 02 j 11:11	20°♈14'54	
direct	-733 May 05 j 18:10	19°♈51'30	
morning max el	-733 May 18 j 16:39	26°♈03'43	22°37'11
	-733 May 22 j 10:01	0°♉	
asc. node	-733 Jun 07 j 06:01	25°♉47'41	
	-733 Jun 09 j 07:18	0°♊	
morning set	-733 Jun 09 j 18:55	1°♊00'30	
superior conj	-733 Jun 17 j 00:14	16°♊20'55	1°26'55
minimum elong	-733 Jun 16 j 21:45	16°♊07'47	1°26'38
max. Earth dist.	-733 Jun 19 j 22:23	22°♊29'09	1.34176 AU
	-733 Jun 23 j 14:58	0°♋	
evening rise	-733 Jun 24 j 20:59	2°♋28'25	
	-733 Jul 10 j 13:23	0°♌	
desc. node	-733 Jul 17 j 09:42	10°♌00'35	
evening max el	-733 Jul 29 j 10:02	24°♌12'35	27°12'02
	-733 Aug 06 j 02:28	0°♍	
retrograde	-733 Aug 11 j 18:40	1°♍31'55	
	-733 Aug 17 j 00:04	30°℞♌	
evening set	-733 Aug 18 j 18:16	28°♌46'38	
min. Earth dist.	-733 Aug 22 j 13:33	25°♌07'35	0.64885 AU
inferior conj	-733 Aug 24 j 17:05	22°♌44'23	-2°-58'-28
minimum elong	-733 Aug 24 j 21:18	22°♌32'41	2°57'07
morning rise	-733 Aug 31 j 01:55	17°♌10'52	
direct	-733 Sep 02 j 18:09	16°♌32'49	
asc. node	-733 Sep 03 j 05:13	16°♌33'57	
morning max el	-733 Sep 09 j 06:31	20°♌02'50	18°07'27
	-733 Sep 16 j 18:24	0°♍	
morning set	-733 Sep 27 j 07:27	17°♍18'26	
	-733 Oct 04 j 23:41	0°♎	

superior conj	-733 Oct 11 j 08:22	10°♎16'26	0°13'17
minimum elong	-733 Oct 11 j 10:00	10°♎22'55	0°13'03
behind sun begin	-733 Oct 11 j 03:32	9°♎57'06	
behind sun end	-733 Oct 11 j 16:27	10°♎48'43	
desc. node	-733 Oct 13 j 09:03	13°♎30'19	
max. Earth dist.	-733 Oct 15 j 04:31	16°♎22'27	1.44726 AU
	-733 Oct 23 j 21:13	0°♏	
evening rise	-733 Oct 27 j 21:51	6°♏14'55	
	-733 Nov 12 j 12:13	0°♐	
greatest brilliancy	-733 Nov 14 j 18:09	3°♐13'52	-0.6m
evening max el	-733 Nov 22 j 06:51	12°♐43'00	19°50'16
retrograde	-733 Nov 29 j 18:53	17°♐05'49	
asc. node	-733 Nov 30 j 04:27	17°♐04'55	
evening set	-733 Dec 03 j 07:03	15°♐53'51	
inferior conj	-733 Dec 08 j 20:13	9°♐51'16	2°39'57
minimum elong	-733 Dec 08 j 17:24	10°♐00'37	2°39'05
min. Earth dist.	-733 Dec 09 j 19:43	8°♐33'31	0.66608 AU
morning rise	-733 Dec 14 j 03:07	3°♐36'51	
direct	-733 Dec 20 j 01:55	0°♐59'47	
morning max el	-732 Jan 01 j 02:42	8°♐08'29	25°25'47
desc. node	-732 Jan 09 j 08:17	17°♐40'45	
	-732 Jan 18 j 06:35	0°♑	
	-732 Feb 05 j 16:31	0°♒	
morning set	-732 Feb 06 j 08:06	1°♒10'18	
max. Earth dist.	-732 Feb 10 j 03:08	8°♒10'52	1.36358 AU
superior conj	-732 Feb 16 j 00:05	19°♒34'21	-1°-30'-48
minimum elong	-732 Feb 16 j 03:47	19°♒52'49	1°30'20
	-732 Feb 21 j 03:59	0°♓	
evening rise	-732 Feb 24 j 04:11	6°♓07'07	
asc. node	-732 Feb 26 j 03:45	10°♓05'39	
	-732 Mar 08 j 19:13	0°♈	
evening max el	-732 Mar 12 j 16:34	4°♈25'31	19°48'20
retrograde	-732 Mar 22 j 13:49	9°♈09'34	
evening set	-732 Mar 24 j 17:18	8°♈57'10	
inferior conj	-732 Apr 02 j 10:26	4°♈55'09	1°04'54
minimum elong	-732 Apr 02 j 13:09	4°♈50'56	1°03'59
min. Earth dist.	-732 Apr 04 j 17:20	3°♈30'15	0.55736 AU
desc. node	-732 Apr 06 j 07:26	2°♈34'19	
morning rise	-732 Apr 11 j 05:47	0°♈21'50	
	-732 Apr 12 j 15:55	30°℞♓	
direct	-732 Apr 15 j 10:38	29°♓42'40	
	-732 Apr 18 j 04:55	0°♈	
morning max el	-732 Apr 29 j 08:43	6°♈39'42	24°17'53
	-732 May 16 j 03:30	0°♉	
morning set	-732 May 24 j 06:51	15°♉59'39	
asc. node	-732 May 24 j 03:02	15°♉39'36	
	-732 May 30 j 19:06	0°♊	
superior conj	-732 May 31 j 08:31	1°♊12'34	1°09'37
minimum elong	-732 May 31 j 06:04	0°♊59'19	1°09'14
max. Earth dist.	-732 Jun 02 j 02:14	4°♊57'22	1.33204 AU
evening rise	-732 Jun 07 j 17:43	16°♊45'28	
	-732 Jun 14 j 14:39	0°♋	
desc. node	-732 Jul 03 j 06:43	28°♋51'49	
	-732 Jul 04 j 04:44	0°♌	
evening max el	-732 Jul 10 j 20:06	7°♌15'55	27°25'18
retrograde	-732 Jul 24 j 12:54	14°♌36'13	
evening set	-732 Jul 31 j 17:37	11°♌58'59	
min. Earth dist.	-732 Aug 04 j 08:02	8°♌52'54	0.63309 AU
inferior conj	-732 Aug 07 j 00:53	6°♌10'35	-3°-45'-38
minimum elong	-732 Aug 07 j 05:29	5°♌59'04	3°44'32
morning rise	-732 Aug 13 j 19:35	0°♌55'09	
direct	-732 Aug 16 j 07:46	0°♌25'02	
asc. node	-732 Aug 20 j 02:16	1°♌33'58	
morning max el	-732 Aug 22 j 22:09	3°♌50'10	17°54'09
morning set	-732 Sep 08 j 11:20	29°♌26'41	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-732 Sep 08 j 18:57	0°♍	
superior conj	-732 Sep 20 j 12:13	20°♍04'48	0°55'38
minimum elong	-732 Sep 20 j 17:11	20°♍25'27	0°55'02
	-732 Sep 26 j 13:49	0°♎	
max. Earth dist.	-732 Sep 26 j 20:29	0°♎26'47	1.43766 AU
desc. node	-732 Sep 29 j 06:04	4°♎16'49	
evening rise	-732 Oct 06 j 04:25	15°♎08'21	
	-732 Oct 15 j 23:06	0°♏	
greatest brilliancy	-732 Oct 29 j 17:40	19°♏35'17	-0.5m
evening max el	-732 Nov 04 j 07:37	26°♏10'18	20°54'33
	-732 Nov 08 j 23:10	0°♐	
retrograde	-732 Nov 12 j 16:24	1°♐07'54	
asc. node	-732 Nov 16 j 01:30	0°♐03'00	
	-732 Nov 16 j 03:20	30°℞♏	
evening set	-732 Nov 16 j 14:18	29°♏40'37	
inferior conj	-732 Nov 22 j 00:45	23°♏27'28	1°56'58
minimum elong	-732 Nov 21 j 22:23	23°♏35'35	1°56'06
min. Earth dist.	-732 Nov 22 j 12:12	22°♏48'16	0.67264 AU
morning rise	-732 Nov 27 j 06:03	17°♏11'34	
direct	-732 Dec 02 j 13:42	14°♏53'28	
morning max el	-732 Dec 13 j 11:13	21°♏23'33	24°00'57
	-732 Dec 20 j 22:03	0°♐	
desc. node	-732 Dec 26 j 05:19	7°♐02'49	
	-731 Jan 10 j 13:18	0°♑	
morning set	-731 Jan 18 j 01:44	12°♑29'32	
max. Earth dist.	-731 Jan 21 j 22:50	19°♑17'11	1.38344 AU
	-731 Jan 27 j 19:10	0°♒	
superior conj	-731 Jan 29 j 03:30	2°♒32'55	-1°-49'-19
minimum elong	-731 Jan 29 j 06:50	2°♒48'45	1°49'05
evening rise	-731 Feb 07 j 02:09	19°♒58'20	
asc. node	-731 Feb 12 j 00:47	29°♒28'20	
	-731 Feb 12 j 07:38	0°♓	
evening max el	-731 Feb 23 j 13:51	16°♓33'57	18°55'00
retrograde	-731 Mar 03 j 22:31	20°♓36'01	
evening set	-731 Mar 06 j 05:26	20°♓19'07	
inferior conj	-731 Mar 14 j 04:24	16°♓01'47	2°34'35
minimum elong	-731 Mar 14 j 08:53	15°♓53'45	2°33'24
min. Earth dist.	-731 Mar 17 j 09:37	13°♓44'30	0.57215 AU
morning rise	-731 Mar 22 j 08:09	10°♓55'57	
desc. node	-731 Mar 24 j 04:27	10°♓16'58	
direct	-731 Mar 27 j 16:36	9°♓47'07	
morning max el	-731 Apr 10 j 23:53	17°♓13'26	25°51'25
	-731 Apr 21 j 11:57	0°♈	
	-731 May 08 j 07:25	0°♉	
morning set	-731 May 08 j 18:33	0°♉58'23	
asc. node	-731 May 11 j 00:05	5°♉43'11	
superior conj	-731 May 15 j 19:27	16°♉11'44	0°48'50
minimum elong	-731 May 15 j 17:30	16°♉01'01	0°48'28
max. Earth dist.	-731 May 16 j 12:20	17°♉44'00	1.32609 AU
	-731 May 22 j 05:29	0°♊	
evening rise	-731 May 22 j 21:41	1°♊24'14	
	-731 Jun 07 j 14:16	0°♋	
desc. node	-731 Jun 20 j 03:44	16°♋45'22	
evening max el	-731 Jun 23 j 02:23	19°♋45'42	27°06'36
retrograde	-731 Jul 07 j 00:31	27°♋03'51	
evening set	-731 Jul 14 j 01:14	24°♋48'53	
min. Earth dist.	-731 Jul 17 j 16:27	22°♋04'58	0.61422 AU
inferior conj	-731 Jul 20 j 20:22	19°♋17'05	-4°-22'-9
minimum elong	-731 Jul 21 j 00:01	19°♋08'58	4°21'38
morning rise	-731 Jul 28 j 01:41	14°♋22'25	
direct	-731 Jul 30 j 12:16	13°♋57'40	
morning max el	-731 Aug 06 j 12:11	17°♋26'46	17°59'24
asc. node	-731 Aug 06 j 23:18	17°♋54'34	
	-731 Aug 15 j 10:59	0°♌	
morning set	-731 Aug 22 j 10:07	12°♌29'47	
	-731 Sep 01 j 02:31	0°♍	
superior conj	-731 Sep 01 j 19:40	1°♍15'12	1°25'13
minimum elong	-731 Sep 02 j 00:13	1°♍35'05	1°24'47
max. Earth dist.	-731 Sep 09 j 07:34	14°♍00'34	1.42243 AU
evening rise	-731 Sep 15 j 17:11	24°♍22'25	
desc. node	-731 Sep 16 j 03:06	25°♍01'39	
	-731 Sep 19 j 07:20	0°♎	
	-731 Oct 09 j 23:49	0°♏	
greatest brilliancy	-731 Oct 13 j 09:08	4°♏18'20	-0.3m
evening max el	-731 Oct 18 j 02:42	9°♏38'54	22°09'05
retrograde	-731 Oct 27 j 12:22	15°♏14'23	
evening set	-731 Oct 31 j 22:08	13°♏29'53	
asc. node	-731 Nov 02 j 22:32	11°♏32'09	
inferior conj	-731 Nov 06 j 07:25	7°♏09'52	1°08'32
minimum elong	-731 Nov 06 j 05:54	7°♏15'09	1°07'55
min. Earth dist.	-731 Nov 06 j 08:00	7°♏07'53	0.67587 AU
morning rise	-731 Nov 11 j 13:27	0°♏55'00	
	-731 Nov 12 j 19:52	30°℞♎	
direct	-731 Nov 16 j 05:55	28°♎59'01	
	-731 Nov 19 j 23:05	0°♏	
morning max el	-731 Nov 25 j 21:47	4°♏42'54	22°33'22
greatest brilliancy	-731 Nov 30 j 13:13	9°♏55'16	-0.3m
desc. node	-731 Dec 13 j 02:22	26°♏54'14	
	-731 Dec 15 j 05:07	0°♐	
morning set	-731 Dec 29 j 15:26	22°♐25'27	
	-730 Jan 03 j 04:50	0°♑	
max. Earth dist.	-730 Jan 03 j 18:44	0°♑58'54	1.40463 AU
superior conj	-730 Jan 11 j 14:06	14°♑39'20	-1°-59'-46
minimum elong	-730 Jan 11 j 15:22	14°♑45'06	1°59'46
	-730 Jan 19 j 20:49	0°♒	
evening rise	-730 Jan 21 j 14:18	3°♒15'51	
asc. node	-730 Jan 29 j 21:50	18°♒24'08	
evening max el	-730 Feb 06 j 19:14	29°♒13'07	18°21'40
	-730 Feb 07 j 15:36	0°♓	
retrograde	-730 Feb 14 j 01:56	2°♓49'10	
evening set	-730 Feb 16 j 13:30	2°♓25'10	
	-730 Feb 21 j 00:19	30°℞♒	
inferior conj	-730 Feb 23 j 19:18	27°♒47'02	3°28'28
minimum elong	-730 Feb 23 j 22:27	27°♒40'27	3°27'59
min. Earth dist.	-730 Feb 27 j 05:32	24°♒56'37	0.59175 AU
morning rise	-730 Mar 03 j 03:48	22°♒15'29	
direct	-730 Mar 09 j 11:49	20°♒28'55	
desc. node	-730 Mar 11 j 01:31	20°♒35'21	
morning max el	-730 Mar 23 j 19:08	28°♒10'14	27°02'51
	-730 Mar 25 j 14:09	0°♓	
	-730 Apr 15 j 02:34	0°♈	
morning set	-730 Apr 23 j 04:18	15°♈49'53	
asc. node	-730 Apr 27 j 21:07	25°♈53'02	
	-730 Apr 29 j 18:16	0°♉	
superior conj	-730 Apr 30 j 07:13	1°♉11'07	0°25'22
minimum elong	-730 Apr 30 j 06:07	1°♉05'02	0°25'08
max. Earth dist.	-730 Apr 30 j 01:11	0°♉38'00	1.32379 AU
evening rise	-730 May 07 j 06:18	16°♉15'10	
	-730 May 14 j 03:52	0°♊	
	-730 Jun 03 j 13:32	0°♋	
evening max el	-730 Jun 05 j 02:35	1°♋32'00	26°15'16
desc. node	-730 Jun 07 j 00:46	3°♋16'13	
retrograde	-730 Jun 19 j 03:35	8°♋46'07	
evening set	-730 Jun 25 j 12:29	7°♋05'46	
min. Earth dist.	-730 Jun 29 j 15:34	4°♋27'46	0.59376 AU
inferior conj	-730 Jul 02 j 23:49	1°♋53'28	-4°-40'-7
minimum elong	-730 Jul 03 j 00:38	1°♋51'54	4°40'07
	-730 Jul 05 j 12:48	30°℞♊	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning rise	-730 Jul 10 j 16:15	27°♊21'18		
direct	-730 Jul 13 j 03:29	27°♊00'01		
	-730 Jul 20 j 02:27	0°♋		
morning max el	-730 Jul 20 j 21:30	0°♋43'08	18°24'19	
asc. node	-730 Jul 24 j 20:22	5°♋19'24		
morning set	-730 Aug 05 j 22:26	26°♋12'30		
	-730 Aug 07 j 21:56	0°♌		
superior conj	-730 Aug 15 j 02:57	13°♌36'16	1°41'52	
minimum elong	-730 Aug 15 j 05:24	13°♌47'35	1°41'43	
max. Earth dist.	-730 Aug 22 j 13:29	26°♌53'10	1.40355 AU	
	-730 Aug 24 j 09:07	0°♍		
evening rise	-730 Aug 27 j 02:40	4°♍34'53		
desc. node	-730 Sep 03 j 00:08	15°♍40'29		
	-730 Sep 12 j 12:53	0°♎		
evening max el	-730 Sep 30 j 17:09	23°♎09'50	23°28'59	
retrograde	-730 Oct 11 j 05:25	29°♎22'19		
evening set	-730 Oct 16 j 04:52	27°♎19'21		
asc. node	-730 Oct 20 j 19:35	22°♎00'33		
min. Earth dist.	-730 Oct 21 j 04:36	21°♎29'47	0.67588 AU	
inferior conj	-730 Oct 21 j 14:24	20°♎56'16	0°16'14	
minimum elong	-730 Oct 21 j 14:01	20°♎57'35	0°16'04	
transit middle	-730 Oct 21 j 14:01	20°♎57'35	0°16'04	
transit begin	-730 Oct 21 j 13:32	20°♎59'13		
transit end	-730 Oct 21 j 14:29	20°♎55'58		
morning rise	-730 Oct 26 j 23:14	14°♎45'11		
direct	-730 Oct 31 j 01:31	13°♎11'25		
morning max el	-730 Nov 08 j 13:59	18°♎10'34	21°11'23	
greatest brilliancy	-730 Nov 13 j 23:11	24°♎24'16	-0.5m	
	-730 Nov 18 j 04:20	0°♏		
desc. node	-730 Nov 29 j 23:27	17°♏06'49		
	-730 Dec 08 j 09:00	0°♐		
morning set	-730 Dec 09 j 01:23	1°♐04'12		
max. Earth dist.	-730 Dec 16 j 21:35	13°♐37'58	1.42415 AU	
superior conj	-730 Dec 24 j 02:27	25°♐40'53	-1°-57'-55	
minimum elong	-730 Dec 23 j 23:42	25°♐29'05	1°57'51	
	-730 Dec 26 j 14:36	0°♑		
evening rise	-729 Jan 04 j 13:00	15°♑52'28		
	-729 Jan 12 j 12:25	0°♒		
asc. node	-729 Jan 16 j 18:53	6°♒44'49		
evening max el	-729 Jan 21 j 05:39	12°♒14'24	18°08'07	
retrograde	-729 Jan 27 j 21:59	15°♒40'13		
evening set	-729 Jan 30 j 13:36	15°♒07'57		
inferior conj	-729 Feb 06 j 05:23	10°♒07'48	3°50'51	
minimum elong	-729 Feb 06 j 06:11	10°♒05'54	3°50'49	
min. Earth dist.	-729 Feb 09 j 08:04	7°♒08'58	0.61262 AU	
morning rise	-729 Feb 12 j 20:09	4°♒18'49		
direct	-729 Feb 19 j 17:26	1°♒57'53		
desc. node	-729 Feb 25 j 22:35	3°♒40'05		
morning max el	-729 Mar 05 j 20:44	9°♒46'24	27°41'19	
	-729 Mar 21 j 13:05	0°♓		
morning set	-729 Apr 07 j 10:14	0°♈27'41		
	-729 Apr 07 j 04:50	0°♈		
max. Earth dist.	-729 Apr 13 j 13:00	13°♈25'57	1.32510 AU	
superior conj	-729 Apr 14 j 18:11	16°♈04'53	0°00'00	
minimum elong	-729 Apr 14 j 18:11	16°♈04'52	0°00'01	
behind sun begin	-729 Apr 14 j 13:48	15°♈40'58		
behind sun end	-729 Apr 14 j 22:33	16°♈28'46		
asc. node	-729 Apr 14 j 18:11	16°♈04'57		
	-729 Apr 21 j 04:05	0°♉		
evening rise	-729 Apr 21 j 17:27	1°♉10'49		
	-729 May 07 j 13:42	0°♊		
evening max el	-729 May 17 j 20:13	12°♊35'22	24°56'51	
desc. node	-729 May 24 j 21:47	17°♊51'48		
retrograde	-729 May 31 j 20:03	19°♊41'39		
evening set	-729 Jun 06 j 00:47	18°♊39'56		
min. Earth dist.	-729 Jun 11 j 07:51	15°♊50'33	0.57416 AU	
inferior conj	-729 Jun 14 j 08:02	13°♊50'22	-4°-28'-17	
minimum elong	-729 Jun 14 j 04:25	13°♊56'26	4°27'54	
morning rise	-729 Jun 22 j 11:55	9°♊39'53		
direct	-729 Jun 25 j 01:11	9°♊20'59		
morning max el	-729 Jul 03 j 23:11	13°♊30'36	19°09'58	
asc. node	-729 Jul 11 j 17:25	23°♊34'33		
	-729 Jul 15 j 10:22	0°♋		
morning set	-729 Jul 20 j 20:22	10°♋24'39		
superior conj	-729 Jul 29 j 04:26	26°♋52'39	1°47'33	
minimum elong	-729 Jul 29 j 04:43	26°♋54'02	1°47'33	
	-729 Jul 30 j 19:26	0°♌		
max. Earth dist.	-729 Aug 04 j 16:32	9°♌05'43	1.38349 AU	
evening rise	-729 Aug 08 j 13:15	15°♌58'42		
	-729 Aug 16 j 22:49	0°♍		
desc. node	-729 Aug 20 j 21:09	6°♍08'59		
	-729 Sep 07 j 02:52	0°♎		
evening max el	-729 Sep 13 j 05:00	6°♎43'40	24°47'43	
retrograde	-729 Sep 24 j 18:31	13°♎27'40		
evening set	-729 Sep 30 j 08:46	11°♎06'42		
min. Earth dist.	-729 Oct 04 j 23:35	5°♎51'48	0.67269 AU	
inferior conj	-729 Oct 05 j 19:56	4°♎44'19	0°-38'-29	
minimum elong	-729 Oct 05 j 20:53	4°♎41'11	0°38'06	
asc. node	-729 Oct 07 j 16:38	2°♎19'54		
	-729 Oct 09 j 18:55	30°℞♍		
morning rise	-729 Oct 11 j 09:25	28°♍39'51		
direct	-729 Oct 14 j 23:12	27°♍26'14		
	-729 Oct 20 j 14:53	0°♎		
morning max el	-729 Oct 22 j 13:45	1°♎48'29	20°00'27	
greatest brilliancy	-729 Oct 29 j 20:47	10°♎45'38	-0.6m	
	-729 Nov 11 j 22:07	0°♏		
desc. node	-729 Nov 16 j 20:29	7°♏33'55		
morning set	-729 Nov 17 j 22:06	9°♏12'50		
max. Earth dist.	-729 Nov 29 j 08:13	27°♏08'03	1.43926 AU	
	-729 Dec 01 j 03:10	0°♐		
superior conj	-729 Dec 04 j 12:05	5°♐27'21	-1°-39'-30	
minimum elong	-729 Dec 04 j 04:55	4°♐58'12	1°38'56	
evening rise	-729 Dec 17 j 17:56	27°♐39'13		
	-729 Dec 19 j 02:44	0°♑		
asc. node	-728 Jan 03 j 15:56	24°♑19'09		
evening max el	-728 Jan 04 j 18:04	25°♑29'15	18°13'48	
retrograde	-728 Jan 11 j 05:59	28°♑58'07		
evening set	-728 Jan 14 j 01:42	28°♑16'42		
inferior conj	-728 Jan 20 j 06:47	22°♑55'55	3°49'38	
minimum elong	-728 Jan 20 j 05:34	22°♑59'12	3°49'32	
min. Earth dist.	-728 Jan 22 j 19:49	20°♑10'33	0.63200 AU	
morning rise	-728 Jan 26 j 07:40	16°♑55'25		
direct	-728 Feb 02 j 07:31	14°♑11'56		
desc. node	-728 Feb 12 j 19:39	19°♑00'05		
morning max el	-728 Feb 16 j 03:40	22°♑02'33	27°42'48	
	-728 Feb 23 j 04:00	0°♒		
	-728 Mar 13 j 16:10	0°♓		
morning set	-728 Mar 21 j 10:01	14°♓43'18		
max. Earth dist.	-728 Mar 26 j 19:41	25°♓53'07	1.33024 AU	
	-728 Mar 28 j 17:55	0°♈		
superior conj	-728 Mar 29 j 02:33	0°♈46'23	0°-26'-25	
minimum elong	-728 Mar 29 j 03:48	0°♈53'07	0°26'10	
asc. node	-728 Mar 31 j 15:15	6°♈14'07		
evening rise	-728 Apr 05 j 05:13	16°♈03'40		
	-728 Apr 12 j 04:49	0°♉		
evening max el	-728 Apr 28 j 10:50	23°♉12'30	23°23'34	
desc. node	-728 May 10 j 18:47	29°♉55'16		
retrograde	-728 May 12 j 00:26	29°♉58'44		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-728 May 15 j 18:41	29°♉27'39	
min. Earth dist.	-728 May 22 j 21:03	26°♉12'52	0.55866 AU
inferior conj	-728 May 24 j 20:12	25°♉03'03	-3°-34'-58
minimum elong	-728 May 24 j 13:19	25°♉13'17	3°33'20
morning rise	-728 Jun 02 j 11:23	21°♉07'17	
direct	-728 Jun 05 j 03:29	20°♉49'48	
morning max el	-728 Jun 15 j 14:51	25°♉40'30	20°16'31
	-728 Jun 19 j 13:44	0°♊	
asc. node	-728 Jun 27 j 14:30	12°♊28'06	
morning set	-728 Jul 04 j 00:58	24°♊58'22	
	-728 Jul 06 j 11:54	0°♋	
superior conj	-728 Jul 11 j 19:03	10°♋49'56	1°44'35
minimum elong	-728 Jul 11 j 17:43	10°♋43'15	1°44'33
max. Earth dist.	-728 Jul 16 j 21:54	20°♋55'52	1.36470 AU
evening rise	-728 Jul 20 j 22:13	28°♋28'18	
	-728 Jul 21 j 18:19	0°♌	
desc. node	-728 Aug 06 j 18:08	26°♌21'53	
	-728 Aug 09 j 05:48	0°♍	
evening max el	-728 Aug 25 j 16:16	20°♍19'35	25°57'51
retrograde	-728 Sep 07 j 03:07	27°♍25'47	
evening set	-728 Sep 13 j 07:59	24°♍49'52	
min. Earth dist.	-728 Sep 17 j 14:37	20°♍11'40	0.66620 AU
inferior conj	-728 Sep 18 j 22:15	18°♍32'06	-1°-34'-2
minimum elong	-728 Sep 19 j 00:36	18°♍24'41	1°33'06
asc. node	-728 Sep 23 j 13:41	13°♍27'15	
morning rise	-728 Sep 24 j 18:05	12°♍37'06	
direct	-728 Sep 27 j 21:32	11°♍40'15	
morning max el	-728 Oct 04 j 20:46	15°♍35'23	19°03'46
	-728 Oct 15 j 15:46	0°♎	
morning set	-728 Oct 27 j 06:09	18°♎01'54	
desc. node	-728 Nov 02 j 17:30	28°♎11'08	
	-728 Nov 03 j 21:17	0°♏	
max. Earth dist.	-728 Nov 11 j 00:08	11°♏11'03	1.44808 AU
superior conj	-728 Nov 12 j 21:24	14°♏09'37	-1°-3'-7
minimum elong	-728 Nov 12 j 13:58	13°♏40'18	1°02'17
	-728 Nov 22 j 19:35	0°♐	
evening rise	-728 Nov 28 j 00:51	8°♐28'46	
	-728 Dec 11 j 10:27	0°♑	
evening max el	-728 Dec 18 j 05:54	8°♑52'13	18°38'00
asc. node	-728 Dec 20 j 12:58	10°♑54'14	
retrograde	-728 Dec 24 j 21:43	12°♑34'58	
evening set	-728 Dec 27 j 22:28	11°♑43'12	
inferior conj	-727 Jan 02 j 19:39	6°♑04'07	3°31'34
minimum elong	-727 Jan 02 j 17:14	6°♑11'20	3°31'08
min. Earth dist.	-727 Jan 04 j 17:27	3°♑47'17	0.64825 AU
morning rise	-727 Jan 08 j 10:47	29°♐56'09	
	-727 Jan 08 j 08:59	30°℞♐	
direct	-727 Jan 15 j 04:59	27°♐04'51	
	-727 Jan 22 j 22:04	0°♑	
morning max el	-727 Jan 28 j 13:10	4°♑49'23	27°09'47
desc. node	-727 Jan 29 j 16:43	5°♑59'56	
	-727 Feb 16 j 17:44	0°♒	
morning set	-727 Mar 05 j 00:40	28°♒27'29	
	-727 Mar 05 j 19:40	0°♓	
max. Earth dist.	-727 Mar 09 j 17:12	7°♓47'51	1.33963 AU
superior conj	-727 Mar 13 j 06:24	15°♓09'46	0°-52'-49
minimum elong	-727 Mar 13 j 08:53	15°♓22'49	0°52'22
asc. node	-727 Mar 18 j 12:17	26°♓16'36	
	-727 Mar 20 j 06:41	0°♈	
evening rise	-727 Mar 20 j 15:49	0°♈47'46	
	-727 Apr 06 j 15:41	0°♉	
evening max el	-727 Apr 10 j 05:31	3°♉53'48	21°50'06
retrograde	-727 Apr 22 j 17:33	9°♉59'45	
evening set	-727 Apr 25 j 08:31	9°♉44'21	
desc. node	-727 Apr 27 j 15:50	9°♉07'11	
inferior conj	-727 May 04 j 17:42	5°♉40'38	-1°-58'-39
minimum elong	-727 May 04 j 12:21	5°♉48'08	1°56'52
min. Earth dist.	-727 May 04 j 10:09	5°♉51'14	0.55070 AU
morning rise	-727 May 13 j 17:18	1°♉44'00	
direct	-727 May 16 j 16:07	1°♉24'43	
morning max el	-727 May 28 j 19:26	7°♉07'38	21°41'52
	-727 Jun 13 j 12:46	0°♊	
asc. node	-727 Jun 14 j 11:32	1°♊50'07	
morning set	-727 Jun 18 j 09:53	9°♊46'27	
superior conj	-727 Jun 25 j 18:46	25°♊15'25	1°34'55
minimum elong	-727 Jun 25 j 16:31	25°♊03'43	1°34'44
	-727 Jun 28 j 01:44	0°♋	
max. Earth dist.	-727 Jun 29 j 10:59	2°♋49'24	1.34899 AU
evening rise	-727 Jul 04 j 00:37	11°♋50'05	
	-727 Jul 14 j 03:46	0°♌	
desc. node	-727 Jul 24 j 15:08	16°♌11'35	
	-727 Aug 04 j 10:50	0°♍	
evening max el	-727 Aug 08 j 04:00	3°♍51'46	26°51'37
retrograde	-727 Aug 21 j 06:34	11°♍09'20	
evening set	-727 Aug 28 j 00:15	8°♍24'57	
min. Earth dist.	-727 Aug 31 j 23:23	4°♍24'26	0.65620 AU
inferior conj	-727 Sep 02 j 19:20	2°♍15'43	-2°-28'-33
minimum elong	-727 Sep 02 j 22:58	2°♍05'03	2°27'15
	-727 Sep 04 j 19:09	30°℞♌	
morning rise	-727 Sep 08 j 23:02	26°♌33'16	
asc. node	-727 Sep 10 j 10:44	25°♌59'14	
direct	-727 Sep 11 j 18:34	25°♌49'27	
morning max el	-727 Sep 18 j 09:07	29°♌26'29	18°23'04
	-727 Sep 18 j 22:01	0°♍	
morning set	-727 Oct 07 j 16:54	28°♍11'26	
	-727 Oct 08 j 19:37	0°♎	
desc. node	-727 Oct 20 j 14:30	18°♎54'22	
superior conj	-727 Oct 22 j 21:43	22°♎32'34	0°-14'-59
minimum elong	-727 Oct 22 j 19:45	22°♎24'48	0°14'44
behind sun begin	-727 Oct 22 j 14:55	22°♎05'46	
behind sun end	-727 Oct 23 j 00:34	22°♎43'49	
max. Earth dist.	-727 Oct 24 j 18:19	25°♎28'16	1.44971 AU
	-727 Oct 27 j 15:29	0°♏	
evening rise	-727 Nov 08 j 07:42	18°♏18'31	
	-727 Nov 15 j 18:38	0°♐	
greatest brilliancy	-727 Nov 22 j 03:01	9°♐45'19	-0.7m
evening max el	-727 Dec 01 j 14:50	22°♐19'02	19°19'28
asc. node	-727 Dec 07 j 10:00	26°♐15'04	
retrograde	-727 Dec 08 j 17:39	26°♐24'48	
evening set	-727 Dec 12 j 01:05	25°♐20'53	
inferior conj	-727 Dec 17 j 16:39	19°♐26'14	3°01'26
minimum elong	-727 Dec 17 j 13:47	19°♐35'24	3°00'41
min. Earth dist.	-727 Dec 18 j 23:55	17°♐45'51	0.66071 AU
morning rise	-727 Dec 23 j 01:40	13°♐13'35	
direct	-727 Dec 29 j 08:37	10°♐28'06	
morning max el	-726 Jan 10 j 22:33	17°♐53'51	26°09'19
desc. node	-726 Jan 16 j 13:45	24°♐10'32	
	-726 Jan 21 j 03:31	0°♑	
	-726 Feb 09 j 16:46	0°♒	
morning set	-726 Feb 16 j 02:15	11°♒28'11	
max. Earth dist.	-726 Feb 20 j 02:59	19°♒08'27	1.35356 AU
superior conj	-726 Feb 25 j 03:24	29°♒08'11	-1°-17'-48
minimum elong	-726 Feb 25 j 06:50	29°♒25'40	1°17'17
	-726 Feb 25 j 13:34	0°♓	
evening rise	-726 Mar 04 j 23:22	15°♓17'16	
asc. node	-726 Mar 05 j 09:19	16°♓08'13	
	-726 Mar 12 j 13:36	0°♈	
evening max el	-726 Mar 23 j 09:57	15°♈04'31	20°27'58

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-726 Apr 03 j 06:50	20°♈17'29	
evening set	-726 Apr 05 j 10:57	20°♈05'53	
inferior conj	-726 Apr 14 j 13:03	16°♈08'28	0°00'-6
minimum elong	-726 Apr 14 j 13:02	16°♈08'28	0°00'07
transit middle	-726 Apr 14 j 13:02	16°♈08'28	0°00'07
transit begin	-726 Apr 14 j 08:59	16°♈14'22	
transit end	-726 Apr 14 j 17:05	16°♈02'34	
desc. node	-726 Apr 14 j 12:53	16°♈08'41	
min. Earth dist.	-726 Apr 15 j 23:58	15°♈17'39	0.55224 AU
morning rise	-726 Apr 23 j 13:08	11°♈52'33	
direct	-726 Apr 27 j 04:22	11°♈23'51	
morning max el	-726 May 10 j 14:42	17°♈57'23	23°19'53
	-726 May 20 j 09:36	0°♉	
asc. node	-726 Jun 01 j 08:35	21°♉33'16	
morning set	-726 Jun 02 j 21:13	24°♉43'29	
	-726 Jun 05 j 08:56	0°♊	
superior conj	-726 Jun 10 j 00:38	10°♊00'04	1°20'05
minimum elong	-726 Jun 09 j 22:06	9°♊46'31	1°19'45
max. Earth dist.	-726 Jun 12 j 09:58	15°♊04'53	1.33714 AU
evening rise	-726 Jun 17 j 15:50	25°♊50'55	
	-726 Jun 19 j 18:37	0°♋	
	-726 Jul 07 j 13:25	0°♌	
desc. node	-726 Jul 11 j 12:09	5°♌28'08	
evening max el	-726 Jul 21 j 15:32	17°♌10'23	27°21'27
retrograde	-726 Aug 04 j 04:18	24°♌30'28	
evening set	-726 Aug 11 j 06:46	21°♌47'20	
min. Earth dist.	-726 Aug 14 j 23:41	18°♌22'51	0.64257 AU
inferior conj	-726 Aug 17 j 08:50	15°♌50'28	-3°-19'-25
minimum elong	-726 Aug 17 j 13:19	15°♌38'29	3°18'07
morning rise	-726 Aug 23 j 21:42	10°♌23'54	
direct	-726 Aug 26 j 11:53	9°♌49'34	
asc. node	-726 Aug 28 j 07:47	10°♌06'49	
morning max el	-726 Sep 02 j 00:17	13°♌16'43	17°59'30
	-726 Sep 13 j 14:21	0°♍	
morning set	-726 Sep 19 j 07:19	9°♍41'26	
	-726 Oct 01 j 11:07	0°♎	
superior conj	-726 Oct 02 j 11:09	1°♎37'39	0°32'35
minimum elong	-726 Oct 02 j 14:44	1°♎52'10	0°32'07
desc. node	-726 Oct 07 j 11:30	9°♎40'38	
max. Earth dist.	-726 Oct 07 j 12:18	9°♎43'49	1.44406 AU
evening rise	-726 Oct 18 j 19:23	27°♎23'14	
	-726 Oct 20 j 12:08	0°♏	
greatest brilliancy	-726 Nov 08 j 05:57	27°♏47'27	-0.6m
	-726 Nov 09 j 21:44	0°♐	
evening max el	-726 Nov 14 j 19:02	5°♐47'06	20°16'09
retrograde	-726 Nov 22 j 15:07	10°♐23'33	
asc. node	-726 Nov 24 j 07:02	10°♐07'44	
evening set	-726 Nov 26 j 07:14	9°♐05'19	
inferior conj	-726 Dec 01 j 19:05	2°♐58'03	2°22'28
minimum elong	-726 Dec 01 j 16:23	3°♐07'06	2°21'34
min. Earth dist.	-726 Dec 02 j 13:18	1°♐56'43	0.66938 AU
	-726 Dec 04 j 00:59	30°℞♏	
morning rise	-726 Dec 07 j 01:00	26°♏42'55	
direct	-726 Dec 12 j 17:36	24°♏13'08	
	-726 Dec 23 j 04:01	0°♐	
morning max el	-726 Dec 24 j 07:00	1°♐06'07	24°50'32
desc. node	-725 Jan 03 j 10:47	13°♐10'50	
	-725 Jan 15 j 03:50	0°♑	
morning set	-725 Jan 29 j 09:18	23°♑28'54	
	-725 Feb 01 j 23:57	0°♒	
max. Earth dist.	-725 Feb 02 j 02:22	0°♒11'10	1.37173 AU
superior conj	-725 Feb 08 j 14:22	12°♒31'40	-1°-39'-25
minimum elong	-725 Feb 08 j 18:04	12°♒49'48	1°39'03
evening rise	-725 Feb 17 j 01:35	29°♒24'30	
	-725 Feb 17 j 08:42	0°♓	
asc. node	-725 Feb 20 j 06:22	5°♓43'06	
evening max el	-725 Mar 06 j 01:25	26°♓52'00	19°23'14
	-725 Mar 10 j 06:55	0°♈	
retrograde	-725 Mar 15 j 05:41	1°♈16'05	
evening set	-725 Mar 17 j 10:29	1°♈02'02	
	-725 Mar 20 j 12:15	30°℞♓	
inferior conj	-725 Mar 25 j 20:01	26°♓54'30	1°47'10
minimum elong	-725 Mar 25 j 23:58	26°♓48'00	1°45'56
min. Earth dist.	-725 Mar 28 j 14:36	25°♓05'51	0.56287 AU
desc. node	-725 Apr 01 j 09:57	22°♓56'52	
morning rise	-725 Apr 03 j 09:41	22°♓07'29	
direct	-725 Apr 08 j 02:24	21°♓17'14	
morning max el	-725 Apr 22 j 05:26	28°♓27'59	24°59'28
	-725 Apr 23 j 18:14	0°♈	
	-725 May 13 j 14:26	0°♉	
morning set	-725 May 18 j 09:15	9°♉42'53	
asc. node	-725 May 19 j 05:38	11°♉30'36	
superior conj	-725 May 25 j 10:15	24°♉55'12	1°01'12
minimum elong	-725 May 25 j 07:58	24°♉42'43	1°00'47
max. Earth dist.	-725 May 26 j 17:05	27°♉42'40	1.32910 AU
	-725 May 27 j 18:31	0°♊	
evening rise	-725 Jun 01 j 16:00	10°♊18'09	
	-725 Jun 12 j 01:58	0°♋	
desc. node	-725 Jun 28 j 09:12	23°♋57'00	
evening max el	-725 Jul 04 j 00:30	0°♌01'08	27°21'27
	-725 Jul 04 j 00:02	0°♌	
retrograde	-725 Jul 17 j 19:31	7°♌19'46	
evening set	-725 Jul 24 j 23:56	4°♌50'28	
min. Earth dist.	-725 Jul 28 j 13:52	1°♌55'27	0.62542 AU
	-725 Jul 30 j 14:38	30°℞♋	
inferior conj	-725 Jul 31 j 11:48	29°♋09'07	-4°-2'-50
minimum elong	-725 Jul 31 j 16:12	28°♋58'37	4°01'56
morning rise	-725 Aug 07 j 10:54	24°♋01'59	
direct	-725 Aug 09 j 22:15	23°♋34'17	
asc. node	-725 Aug 15 j 04:50	25°♋42'29	
morning max el	-725 Aug 16 j 15:32	26°♋59'45	17°54'04
	-725 Aug 19 j 07:00	0°♌	
morning set	-725 Sep 01 j 20:00	22°♌15'10	
	-725 Sep 06 j 04:27	0°♍	
superior conj	-725 Sep 13 j 02:48	12°♍00'57	1°09'51
minimum elong	-725 Sep 13 j 07:57	12°♍22'44	1°09'15
max. Earth dist.	-725 Sep 20 j 03:02	23°♍39'18	1.43181 AU
desc. node	-725 Sep 24 j 08:32	0°♎26'51	
	-725 Sep 24 j 01:47	0°♎	
evening rise	-725 Sep 28 j 02:24	6°♎20'03	
	-725 Oct 13 j 20:33	0°♏	
greatest brilliancy	-725 Oct 23 j 15:45	13°♏24'18	-0.4m
evening max el	-725 Oct 28 j 17:26	19°♏15'28	21°25'13
retrograde	-725 Nov 06 j 12:10	24°♏28'32	
evening set	-725 Nov 10 j 14:59	22°♏53'55	
asc. node	-725 Nov 11 j 04:04	22°♏26'57	
inferior conj	-725 Nov 16 j 00:45	16°♏37'25	1°37'00
minimum elong	-725 Nov 15 j 22:42	16°♏44'29	1°36'13
min. Earth dist.	-725 Nov 16 j 07:24	16°♏14'30	0.67446 AU
morning rise	-725 Nov 21 j 06:08	10°♏21'54	
direct	-725 Nov 26 j 07:16	8°♏13'11	
morning max el	-725 Dec 06 j 16:04	14°♏23'22	23°23'34
greatest brilliancy	-725 Dec 12 j 03:42	20°♏34'35	-0.2m
	-725 Dec 19 j 08:07	0°♐	
desc. node	-725 Dec 21 j 07:49	2°♐46'46	
	-724 Jan 08 j 02:34	0°♑	
morning set	-724 Jan 10 j 15:40	4°♑14'07	
max. Earth dist.	-724 Jan 14 j 21:47	11°♑31'24	1.39254 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-724 Jan 22 j 11:19	25°♑10'00	-1°-54'-57	
minimum elong	-724 Jan 22 j 14:01	25°♑22'34	1°54'51	
	-724 Jan 25 j 01:03	0°♒		
evening rise	-724 Jan 31 j 19:51	13°♒02'55		
asc. node	-724 Feb 07 j 03:25	24°♒55'25		
	-724 Feb 10 j 02:39	0°♓		
evening max el	-724 Feb 17 j 02:27	9°♓14'11	18°38'15	
retrograde	-724 Feb 24 j 22:40	13°♓03'26		
evening set	-724 Feb 27 j 07:34	12°♓43'43		
inferior conj	-724 Mar 05 j 22:52	8°♓17'26	3°01'43	
minimum elong	-724 Mar 06 j 03:03	8°♓09'26	3°00'49	
min. Earth dist.	-724 Mar 09 j 07:55	5°♓43'29	0.58014 AU	
morning rise	-724 Mar 13 j 18:32	2°♓59'35		
desc. node	-724 Mar 18 j 07:00	1°♓39'33		
direct	-724 Mar 19 j 13:49	1°♓35'24		
morning max el	-724 Apr 02 j 21:59	9°♓08'50	26°25'22	
	-724 Apr 18 j 17:06	0°♈		
morning set	-724 May 01 j 20:21	24°♈39'06		
	-724 May 04 j 08:42	0°♉		
asc. node	-724 May 05 j 02:42	1°♉37'11		
superior conj	-724 May 08 j 21:45	9°♉54'39	0°39'10	
minimum elong	-724 May 08 j 20:07	9°♉45'40	0°38'49	
max. Earth dist.	-724 May 09 j 04:56	10°♉34'04	1.32470 AU	
evening rise	-724 May 15 j 22:13	25°♉02'28		
	-724 May 18 j 08:14	0°♊		
	-724 Jun 04 j 20:56	0°♋		
desc. node	-724 Jun 14 j 06:15	11°♋18'20		
evening max el	-724 Jun 15 j 04:13	12°♋11'54	26°48'28	
retrograde	-724 Jun 29 j 03:32	19°♋28'30		
evening set	-724 Jul 05 j 23:22	17°♋26'45		
min. Earth dist.	-724 Jul 09 j 17:47	14°♋47'54	0.60560 AU	
inferior conj	-724 Jul 13 j 00:51	12°♋03'08	-4°-32'-39	
minimum elong	-724 Jul 13 j 03:33	11°♋57'28	4°32'24	
morning rise	-724 Jul 20 j 10:53	7°♋18'14		
direct	-724 Jul 22 j 21:38	6°♋55'04		
morning max el	-724 Jul 30 j 03:56	10°♋28'22	18°07'38	
asc. node	-724 Aug 01 j 01:54	12°♋31'46		
	-724 Aug 12 j 00:45	0°♌		
morning set	-724 Aug 15 j 01:02	5°♌35'56		
superior conj	-724 Aug 24 j 21:02	23°♌43'00	1°33'46	
minimum elong	-724 Aug 25 j 00:47	23°♌59'45	1°33'28	
	-724 Aug 28 j 10:32	0°♍		
max. Earth dist.	-724 Sep 01 j 11:55	6°♍56'26	1.41463 AU	
evening rise	-724 Sep 06 j 22:37	15°♍54'35		
desc. node	-724 Sep 10 j 05:34	21°♍09'13		
	-724 Sep 15 j 23:03	0°♎		
greatest brilliancy	-724 Oct 05 j 12:15	27°♎13'35	-0.3m	
	-724 Oct 07 j 21:00	0°♏		
evening max el	-724 Oct 10 j 10:11	2°♏44'02	22°42'44	
retrograde	-724 Oct 20 j 07:08	8°♏36'05		
evening set	-724 Oct 24 j 22:34	6°♏43'35		
asc. node	-724 Oct 28 j 01:07	3°♏25'11		
inferior conj	-724 Oct 30 j 07:46	0°♏21'32	0°46'45	
minimum elong	-724 Oct 30 j 06:41	0°♏25'15	0°46'18	
min. Earth dist.	-724 Oct 30 j 03:49	0°♏35'11	0.67622 AU	
	-724 Oct 30 j 14:00	30°℞♎		
morning rise	-724 Nov 04 j 14:45	24°♎08'01		
direct	-724 Nov 09 j 00:54	22°♎21'53		
morning max el	-724 Nov 18 j 04:50	27°♎46'22	21°57'31	
	-724 Nov 20 j 06:49	0°♏		
greatest brilliancy	-724 Nov 22 j 23:31	3°♏10'42	-0.4m	
desc. node	-724 Dec 07 j 04:51	22°♏47'45		
	-724 Dec 12 j 00:09	0°♐		
morning set	-724 Dec 20 j 16:57	13°♐34'51		
max. Earth dist.	-724 Dec 26 j 20:17	23°♐37'06	1.41332 AU	
	-724 Dec 30 j 14:49	0°♑		
superior conj	-723 Jan 03 j 13:05	6°♑49'57	-2°00'-45	
minimum elong	-723 Jan 03 j 12:52	6°♑48'59	2°00'46	
evening rise	-723 Jan 14 j 02:48	26°♑04'06		
	-723 Jan 16 j 05:48	0°♒		
asc. node	-723 Jan 24 j 00:28	13°♒37'21		
evening max el	-723 Jan 30 j 10:16	22°♒03'14	18°13'25	
retrograde	-723 Feb 06 j 09:44	25°♒33'29		
evening set	-723 Feb 08 j 22:55	25°♒06'15		
inferior conj	-723 Feb 15 j 22:22	20°♒18'44	3°41'20	
minimum elong	-723 Feb 16 j 00:31	20°♒13'55	3°41'06	
min. Earth dist.	-723 Feb 19 j 06:32	17°♒21'27	0.60065 AU	
morning rise	-723 Feb 22 j 22:53	14°♒38'26		
direct	-723 Mar 01 j 13:42	12°♒36'12		
desc. node	-723 Mar 05 j 04:02	13°♒10'21		
morning max el	-723 Mar 15 j 20:08	20°♒22'06	27°23'39	
	-723 Mar 24 j 03:14	0°♓		
	-723 Apr 11 j 11:53	0°♈		
morning set	-723 Apr 16 j 04:45	9°♈25'49		
asc. node	-723 Apr 21 j 23:47	21°♈48'28		
max. Earth dist.	-723 Apr 22 j 17:46	23°♈26'47	1.32384 AU	
superior conj	-723 Apr 23 j 09:23	24°♈52'24	0°14'47	
minimum elong	-723 Apr 23 j 08:44	24°♈48'45	0°14'39	
behind sun begin	-723 Apr 23 j 06:50	24°♈38'21		
behind sun end	-723 Apr 23 j 10:37	24°♈59'09		
	-723 Apr 25 j 17:31	0°♉		
evening rise	-723 Apr 30 j 08:09	9°♉56'01		
	-723 May 10 j 17:06	0°♊		
evening max el	-723 May 28 j 01:17	23°♊38'27	25°44'37	
desc. node	-723 Jun 01 j 03:16	27°♊04'40		
	-723 Jun 06 j 11:28	0°♋		
retrograde	-723 Jun 11 j 02:48	0°♋51'04		
	-723 Jun 15 j 17:14	30°℞♊		
evening set	-723 Jun 17 j 01:00	29°♊27'09		
min. Earth dist.	-723 Jun 21 j 13:38	26°♊46'18	0.58505 AU	
inferior conj	-723 Jun 24 j 20:27	24°♊23'45	-4°-39'-32	
minimum elong	-723 Jun 24 j 19:29	24°♊25'31	4°39'31	
morning rise	-723 Jul 02 j 17:46	20°♊01'31		
direct	-723 Jul 05 j 05:35	19°♊41'30		
morning max el	-723 Jul 13 j 10:29	23°♊34'18	18°41'14	
asc. node	-723 Jul 18 j 22:58	0°♋19'50		
	-723 Jul 18 j 17:35	0°♋		
morning set	-723 Jul 29 j 17:52	19°♋32'12		
	-723 Aug 04 j 03:02	0°♌		
superior conj	-723 Aug 07 j 12:48	6°♌29'53	1°45'28	
minimum elong	-723 Aug 07 j 14:17	6°♌36'55	1°45'25	
max. Earth dist.	-723 Aug 14 j 15:39	19°♌29'07	1.39492 AU	
evening rise	-723 Aug 18 j 18:48	26°♌37'23		
	-723 Aug 20 j 19:08	0°♍		
desc. node	-723 Aug 28 j 02:36	11°♍44'14		
	-723 Sep 09 j 14:06	0°♎		
evening max el	-723 Sep 22 j 23:07	16°♎15'37	24°03'02	
retrograde	-723 Oct 03 j 22:46	22°♎43'13		
evening set	-723 Oct 09 j 04:19	20°♎32'29		
min. Earth dist.	-723 Oct 14 j 00:07	14°♎57'10	0.67486 AU	
inferior conj	-723 Oct 14 j 14:21	14°♎08'57	0°-6'-44	
minimum elong	-723 Oct 14 j 14:30	14°♎08'24	0°06'42	
transit middle	-723 Oct 14 j 14:30	14°♎08'24	0°06'42	
transit begin	-723 Oct 14 j 12:01	14°♎16'49		
transit end	-723 Oct 14 j 16:59	13°♎59'59		
asc. node	-723 Oct 14 j 22:10	13°♎42'29		
morning rise	-723 Oct 20 j 00:55	8°♎00'06		
direct	-723 Oct 23 j 21:34	6°♎35'19		
morning max el	-723 Nov 01 j 00:07	11°♎18'11	20°39'35	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

greatest brilliancy	-723 Nov 07 j 01:50	18°♎29'08	-0.5m
	-723 Nov 15 j 07:21	0°♏	
desc. node	-723 Nov 24 j 01:53	13°♏06'47	
morning set	-723 Nov 29 j 18:28	21°♏52'04	
	-723 Dec 04 j 22:47	0°♐	
max. Earth dist.	-723 Dec 09 j 01:54	6°♐36'43	1.43123 AU
superior conj	-723 Dec 15 j 14:22	17°♐19'47	-1°-52'-20
minimum elong	-723 Dec 15 j 09:34	16°♐59'45	1°52'05
	-723 Dec 23 j 00:30	0°♑	
evening rise	-723 Dec 27 j 18:27	8°♑20'05	
	-722 Jan 09 j 16:27	0°♒	
asc. node	-722 Jan 10 j 21:29	1°♒39'42	
evening max el	-722 Jan 13 j 21:54	5°♒11'14	18°08'14
retrograde	-722 Jan 20 j 11:16	8°♒36'44	
evening set	-722 Jan 23 j 04:32	8°♒00'47	
inferior conj	-722 Jan 29 j 15:26	2°♒51'58	3°52'45
minimum elong	-722 Jan 29 j 15:17	2°♒52'20	3°52'45
	-722 Feb 01 j 11:21	30°℞♑	
min. Earth dist.	-722 Feb 01 j 12:55	29°♑56'11	0.62120 AU
morning rise	-722 Feb 04 j 23:47	26°♑57'28	
direct	-722 Feb 11 j 23:30	24°♑24'46	
desc. node	-722 Feb 20 j 01:05	27°♑16'45	
	-722 Feb 23 j 13:55	0°♒	
morning max el	-722 Feb 26 j 00:09	2°♒15'32	27°46'20
	-722 Mar 18 j 10:33	0°♓	
morning set	-722 Mar 31 j 08:21	23°♓55'07	
	-722 Apr 03 j 06:52	0°♈	
max. Earth dist.	-722 Apr 06 j 03:39	6°♈06'24	1.32675 AU
superior conj	-722 Apr 07 j 19:28	9°♈41'51	0°-11'-8
minimum elong	-722 Apr 07 j 19:59	9°♈44'41	0°11'02
behind sun begin	-722 Apr 07 j 16:16	9°♈24'29	
behind sun end	-722 Apr 07 j 23:43	10°♈04'53	
asc. node	-722 Apr 08 j 20:49	11°♈59'40	
evening rise	-722 Apr 14 j 19:46	24°♈51'09	
	-722 Apr 17 j 07:11	0°♉	
	-722 May 05 j 13:37	0°♊	
evening max el	-722 May 09 j 17:03	4°♊28'04	24°18'14
desc. node	-722 May 19 j 00:18	10°♊39'49	
retrograde	-722 May 23 j 14:29	11°♊27'58	
evening set	-722 May 28 j 04:18	10°♊41'13	
min. Earth dist.	-722 Jun 03 j 04:32	7°♊42'15	0.56679 AU
inferior conj	-722 Jun 05 j 20:00	6°♊02'06	-4°-11'-17
minimum elong	-722 Jun 05 j 14:37	6°♊10'40	4°10'25
morning rise	-722 Jun 14 j 04:45	1°♊58'52	
direct	-722 Jun 16 j 18:54	1°♊40'49	
morning max el	-722 Jun 26 j 08:09	6°♊06'46	19°35'43
asc. node	-722 Jul 05 j 20:02	18°♊52'34	
	-722 Jul 11 j 19:51	0°♋	
morning set	-722 Jul 13 j 18:57	3°♋54'09	
superior conj	-722 Jul 21 j 20:24	20°♋04'51	1°47'13
minimum elong	-722 Jul 21 j 19:55	20°♋02'29	1°47'13
	-722 Jul 26 j 23:56	0°♌	
max. Earth dist.	-722 Jul 27 j 18:44	1°♌27'54	1.37523 AU
evening rise	-722 Jul 31 j 15:30	8°♌30'40	
	-722 Aug 13 j 14:28	0°♍	
desc. node	-722 Aug 14 j 23:37	2°♍06'37	
evening max el	-722 Sep 05 j 10:37	29°♍50'52	25°19'09
	-722 Sep 05 j 14:22	0°♎	
retrograde	-722 Sep 17 j 09:59	6°♎45'29	
evening set	-722 Sep 23 j 06:26	4°♎17'56	
	-722 Sep 27 j 04:45	30°℞♍	
min. Earth dist.	-722 Sep 27 j 17:48	29°♍18'08	0.67033 AU
inferior conj	-722 Sep 28 j 18:44	27°♍57'03	-1°-2'-2
minimum elong	-722 Sep 28 j 20:17	27°♍52'01	1°01'24
asc. node	-722 Oct 01 j 19:12	24°♍15'40	
morning rise	-722 Oct 04 j 10:41	21°♍55'56	
direct	-722 Oct 07 j 19:50	20°♍49'45	
morning max el	-722 Oct 15 j 02:59	24°♍59'22	19°34'24
	-722 Oct 19 j 09:54	0°♎	
greatest brilliancy	-722 Oct 23 j 17:56	5°♎56'58	-0.7m
morning set	-722 Nov 08 j 17:04	0°♏09'25	
	-722 Nov 08 j 14:39	0°♏	
desc. node	-722 Nov 10 j 22:55	3°♏38'27	
max. Earth dist.	-722 Nov 21 j 14:55	20°♏22'12	1.44385 AU
superior conj	-722 Nov 25 j 12:44	26°♏36'09	-1°-26'-7
minimum elong	-722 Nov 25 j 04:41	26°♏03'55	1°25'21
	-722 Nov 27 j 15:25	0°♐	
evening rise	-722 Dec 09 j 14:25	19°♐42'55	
	-722 Dec 15 j 17:25	0°♑	
evening max el	-722 Dec 28 j 10:28	18°♑30'52	18°21'58
asc. node	-722 Dec 28 j 18:30	18°♑50'53	
retrograde	-721 Jan 03 j 22:57	22°♑04'01	
evening set	-721 Jan 06 j 20:45	21°♑18'15	
inferior conj	-721 Jan 12 j 22:09	15°♑49'31	3°43'41
minimum elong	-721 Jan 12 j 20:20	15°♑54'40	3°43'28
min. Earth dist.	-721 Jan 15 j 04:45	13°♑15'00	0.63938 AU
morning rise	-721 Jan 18 j 18:27	9°♑45'47	
direct	-721 Jan 25 j 16:56	6°♑57'04	
desc. node	-721 Feb 06 j 22:07	13°♑23'23	
morning max el	-721 Feb 08 j 08:17	14°♑45'39	27°32'38
	-721 Feb 20 j 19:11	0°♒	
	-721 Mar 11 j 01:12	0°♓	
morning set	-721 Mar 15 j 04:40	7°♓58'53	
max. Earth dist.	-721 Mar 20 j 06:52	18°♓21'12	1.33373 AU
superior conj	-721 Mar 23 j 02:13	24°♓17'01	0°-37'-41
minimum elong	-721 Mar 23 j 04:00	24°♓26'33	0°37'19
	-721 Mar 25 j 18:14	0°♈	
asc. node	-721 Mar 26 j 17:51	2°♈06'50	
evening rise	-721 Mar 30 j 07:18	9°♈41'38	
	-721 Apr 09 j 22:41	0°♉	
evening max el	-721 Apr 21 j 08:43	15°♉03'59	22°43'02
retrograde	-721 May 04 j 13:06	21°♉34'36	
desc. node	-721 May 05 j 21:18	21°♉30'35	
evening set	-721 May 07 j 18:13	21°♉12'00	
min. Earth dist.	-721 May 15 j 17:23	17°♉42'56	0.55429 AU
inferior conj	-721 May 17 j 00:52	16°♉57'55	-2°-58'-44
minimum elong	-721 May 16 j 17:56	17°♉07'51	2°56'45
morning rise	-721 May 25 j 20:12	13°♉03'53	
direct	-721 May 28 j 14:40	12°♉46'02	
morning max el	-721 Jun 08 j 18:57	17°♉58'00	20°50'40
	-721 Jun 18 j 03:49	0°♊	
asc. node	-721 Jun 22 j 17:06	7°♊59'12	
morning set	-721 Jun 28 j 01:39	18°♊34'38	
	-721 Jul 03 j 13:50	0°♋	
superior conj	-721 Jul 05 j 15:17	4°♋14'56	1°41'12
minimum elong	-721 Jul 05 j 13:29	4°♋05'44	1°41'06
max. Earth dist.	-721 Jul 10 j 03:13	13°♋17'35	1.35767 AU
evening rise	-721 Jul 14 j 08:31	21°♋23'53	
	-721 Jul 19 j 02:09	0°♌	
desc. node	-721 Aug 01 j 20:37	22°♌10'22	
	-721 Aug 07 j 10:49	0°♍	
evening max el	-721 Aug 18 j 22:16	13°♍26'21	26°23'12
retrograde	-721 Aug 31 j 16:13	20°♍37'40	
evening set	-721 Sep 07 j 02:56	17°♍57'21	
min. Earth dist.	-721 Sep 11 j 06:24	13°♍35'10	0.66243 AU
inferior conj	-721 Sep 12 j 19:05	11°♍43'01	-1°-57'-26
minimum elong	-721 Sep 12 j 22:00	11°♍34'03	1°56'19
morning rise	-721 Sep 18 j 18:04	5°♍52'55	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

asc. node	-721 Sep 18 j 16:16	5°♍55'29		
direct	-721 Sep 21 j 17:57	5°♍01'54		
morning max el	-721 Sep 28 j 12:29	8°♍47'53	18°44'25	
	-721 Oct 13 j 11:59	0°♎		
morning set	-721 Oct 19 j 11:35	9°♎30'26		
desc. node	-721 Oct 28 j 19:56	24°♎18'15		
	-721 Nov 01 j 10:45	0°♏		
superior conj	-721 Nov 04 j 15:29	5°♏01'44	0°-43'-27	
minimum elong	-721 Nov 04 j 09:54	4°♏39'45	0°42'46	
max. Earth dist.	-721 Nov 04 j 08:45	4°♏35'15	1.44968 AU	
evening rise	-721 Nov 20 j 11:02	0°♐06'18		
	-721 Nov 20 j 09:27	0°♐		
	-721 Dec 10 j 03:46	0°♑		
evening max el	-721 Dec 11 j 21:20	1°♑55'35	18°53'40	
asc. node	-721 Dec 15 j 15:33	4°♑56'07		
retrograde	-721 Dec 18 j 16:51	5°♑46'55		
evening set	-721 Dec 21 j 20:20	4°♑50'01		
	-721 Dec 26 j 20:31	30°℞♐		
inferior conj	-721 Dec 27 j 14:49	29°♐03'46	3°20'01	
minimum elong	-721 Dec 27 j 12:08	29°♐12'04	3°19'27	
min. Earth dist.	-721 Dec 29 j 06:10	27°♐02'12	0.65400 AU	
morning rise	-720 Jan 02 j 02:58	22°♐53'40		
direct	-720 Jan 08 j 16:52	20°♐03'45		
morning max el	-720 Jan 21 j 18:01	27°♐41'15	26°47'03	
	-720 Jan 23 j 22:58	0°♑		
desc. node	-720 Jan 24 j 19:09	0°♑55'54		
	-720 Feb 14 j 11:53	0°♒		
morning set	-720 Feb 26 j 14:18	21°♒25'47		
	-720 Mar 01 j 23:28	0°♓		
max. Earth dist.	-720 Mar 01 j 23:52	0°♓02'00	1.34507 AU	
superior conj	-720 Mar 06 j 03:27	8°♓30'24	-1°-3'-40	
minimum elong	-720 Mar 06 j 06:24	8°♓45'40	1°03'10	
asc. node	-720 Mar 12 j 14:53	22°♓05'05		
evening rise	-720 Mar 13 j 16:51	24°♓20'17		
	-720 Mar 16 j 11:25	0°♈		
evening max el	-720 Apr 02 j 06:57	25°♈54'45	21°13'10	
	-720 Apr 07 j 18:42	0°♉		
retrograde	-720 Apr 14 j 03:07	1°♉38'56		
evening set	-720 Apr 16 j 11:45	1°♉26'03		
	-720 Apr 20 j 22:27	30°℞♈		
desc. node	-720 Apr 21 j 18:20	29°♈36'55		
inferior conj	-720 Apr 25 j 19:32	27°♈26'50	-1°-9'-4	
minimum elong	-720 Apr 25 j 16:17	27°♈31'26	1°07'56	
min. Earth dist.	-720 Apr 26 j 06:20	27°♈11'37	0.55023 AU	
morning rise	-720 May 04 j 20:42	23°♈24'36		
direct	-720 May 08 j 01:11	23°♈02'36		
morning max el	-720 May 20 j 19:07	29°♈07'14	22°22'36	
	-720 May 21 j 16:58	0°♉		
asc. node	-720 Jun 08 j 14:10	27°♉30'56		
	-720 Jun 09 j 19:40	0°♊		
morning set	-720 Jun 11 j 11:50	3°♊27'18		
superior conj	-720 Jun 18 j 17:58	18°♊49'32	1°29'12	
minimum elong	-720 Jun 18 j 15:32	18°♊36'41	1°28'55	
max. Earth dist.	-720 Jun 21 j 20:43	25°♊20'04	1.34349 AU	
	-720 Jun 24 j 03:39	0°♋		
evening rise	-720 Jun 26 j 16:52	5°♋03'28		
	-720 Jul 10 j 19:24	0°♌		
desc. node	-720 Jul 18 j 17:38	11°♌47'27		
evening max el	-720 Jul 31 j 10:00	26°♌53'53	27°07'32	
	-720 Aug 03 j 23:10	0°♍		
retrograde	-720 Aug 13 j 17:12	4°♍13'10		
evening set	-720 Aug 20 j 15:28	1°♍27'38		
	-720 Aug 22 j 07:07	30°℞♌		
min. Earth dist.	-720 Aug 24 j 11:40	27°♌43'13	0.65088 AU	
inferior conj	-720 Aug 26 j 13:15	25°♌23'28	-2°-50'-47	
minimum elong	-720 Aug 26 j 17:20	25°♌11'57	2°49'26	
morning rise	-720 Sep 01 j 20:44	19°♌47'38		
direct	-720 Sep 04 j 13:43	19°♌08'15		
asc. node	-720 Sep 04 j 13:20	19°♌08'15		
morning max el	-720 Sep 11 j 02:28	22°♌39'47	18°10'58	
	-720 Sep 16 j 21:12	0°♍		
morning set	-720 Sep 29 j 10:36	20°♍15'55		
	-720 Oct 05 j 08:27	0°♎		
superior conj	-720 Oct 13 j 18:57	13°♎35'52	0°06'01	
minimum elong	-720 Oct 13 j 19:43	13°♎38'52	0°05'55	
behind sun begin	-720 Oct 13 j 09:29	12°♎58'10		
behind sun end	-720 Oct 14 j 05:56	14°♎19'32		
desc. node	-720 Oct 14 j 16:57	15°♎03'16		
max. Earth dist.	-720 Oct 17 j 03:33	18°♎55'08	1.44813 AU	
	-720 Oct 24 j 05:07	0°♏		
evening rise	-720 Oct 30 j 08:40	9°♏34'10		
	-720 Nov 12 j 15:51	0°♐		
greatest brilliancy	-720 Nov 16 j 05:43	5°♐15'06	-0.7m	
evening max el	-720 Nov 24 j 04:21	15°♐22'30	19°41'48	
retrograde	-720 Dec 01 j 13:52	19°♐40'51		
asc. node	-720 Dec 01 j 12:35	19°♐40'50		
evening set	-720 Dec 05 j 00:43	18°♐31'04		
inferior conj	-720 Dec 10 j 14:27	12°♐30'22	2°45'49	
minimum elong	-720 Dec 10 j 11:36	12°♐39'43	2°45'00	
min. Earth dist.	-720 Dec 11 j 15:55	11°♐06'40	0.66480 AU	
morning rise	-720 Dec 15 j 21:48	6°♐16'13		
direct	-720 Dec 21 j 22:45	3°♐36'42		
morning max el	-719 Jan 03 j 03:14	10°♐50'31	25°37'31	
desc. node	-719 Jan 10 j 16:12	19°♐29'28		
	-719 Jan 18 j 10:25	0°♑		
	-719 Feb 06 j 02:50	0°♒		
morning set	-719 Feb 08 j 08:44	4°♒02'44		
max. Earth dist.	-719 Feb 12 j 04:57	11°♒12'00	1.36084 AU	
superior conj	-719 Feb 17 j 20:34	22°♒14'23	-1°-27'-31	
minimum elong	-719 Feb 18 j 00:14	22°♒32'46	1°27'03	
	-719 Feb 21 j 16:30	0°♓		
evening rise	-719 Feb 25 j 22:25	8°♓40'46		
asc. node	-719 Feb 27 j 11:55	11°♓49'55		
	-719 Mar 09 j 16:05	0°♈		
evening max el	-719 Mar 15 j 15:59	7°♈20'06	19°58'02	
retrograde	-719 Mar 25 j 19:24	12°♈11'32		
evening set	-719 Mar 27 j 22:41	11°♈59'32		
inferior conj	-719 Apr 05 j 18:21	7°♈59'10	0°48'32	
minimum elong	-719 Apr 05 j 20:27	7°♈55'58	0°47'48	
min. Earth dist.	-719 Apr 07 j 20:33	6°♈42'52	0.55572 AU	
desc. node	-719 Apr 08 j 15:23	6°♈15'03		
morning rise	-719 Apr 14 j 15:15	3°♈30'28		
direct	-719 Apr 18 j 16:14	2°♈54'29		
morning max el	-719 May 02 j 11:54	9°♈46'11	24°02'59	
	-719 May 17 j 10:57	0°♉		
asc. node	-719 May 26 j 11:12	17°♉20'37		
morning set	-719 May 26 j 23:40	18°♉25'54		
	-719 Jun 01 j 09:05	0°♊		
superior conj	-719 Jun 03 j 01:41	3°♊39'34	1°12'31	
minimum elong	-719 Jun 02 j 23:12	3°♊26'09	1°12'08	
max. Earth dist.	-719 Jun 04 j 23:17	7°♊44'29	1.33321 AU	
evening rise	-719 Jun 10 j 12:17	19°♊16'31		
	-719 Jun 16 j 01:03	0°♋		
	-719 Jul 05 j 00:25	0°♌		
desc. node	-719 Jul 05 j 14:42	0°♌45'52		
evening max el	-719 Jul 13 j 20:31	10°♌01'25	27°25'20	
retrograde	-719 Jul 27 j 12:30	17°♌22'05		
evening set	-719 Aug 03 j 16:51	14°♌42'51		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

min. Earth dist.	-719 Aug 07 j 07:44	11°♌32'18	0.63563 AU
inferior conj	-719 Aug 09 j 22:39	8°♌52'04	-3°-39'-5
minimum elong	-719 Aug 10 j 03:15	8°♌40'20	3°37'54
morning rise	-719 Aug 16 j 15:48	3°♌33'41	
direct	-719 Aug 19 j 04:23	3°♌02'38	
asc. node	-719 Aug 22 j 10:24	3°♌54'43	
morning max el	-719 Aug 25 j 18:07	6°♌28'09	17°54'57
	-719 Sep 10 j 04:14	0°♍	
morning set	-719 Sep 11 j 11:14	2°♍14'51	
superior conj	-719 Sep 23 j 18:53	23°♍12'34	0°49'58
minimum elong	-719 Sep 23 j 23:37	23°♍32'07	0°49'22
	-719 Sep 27 j 22:40	0°♎	
max. Earth dist.	-719 Sep 29 j 19:59	3°♎02'19	1.43953 AU
desc. node	-719 Oct 01 j 14:00	5°♎49'56	
evening rise	-719 Oct 09 j 16:03	18°♎29'11	
	-719 Oct 17 j 05:12	0°♏	
greatest brilliancy	-719 Nov 01 j 10:51	21°♏56'07	-0.5m
evening max el	-719 Nov 07 j 06:04	28°♏50'05	20°44'13
	-719 Nov 08 j 10:32	0°♐	
retrograde	-719 Nov 15 j 11:28	3°♐42'03	
asc. node	-719 Nov 18 j 09:38	2°♐53'21	
evening set	-719 Nov 19 j 07:46	2°♐17'17	
	-719 Nov 21 j 17:33	30°℞♏	
inferior conj	-719 Nov 24 j 18:32	26°♏05'35	2°03'53
minimum elong	-719 Nov 24 j 16:04	26°♏14'00	2°03'00
min. Earth dist.	-719 Nov 25 j 07:44	25°♏20'33	0.67193 AU
morning rise	-719 Nov 29 j 23:55	19°♏49'43	
direct	-719 Dec 05 j 09:55	17°♏28'22	
morning max el	-719 Dec 16 j 11:39	24°♏04'48	24°13'54
	-719 Dec 21 j 18:42	0°♐	
desc. node	-719 Dec 28 j 13:15	8°♐46'11	
	-718 Jan 11 j 21:04	0°♑	
morning set	-718 Jan 21 j 06:06	15°♑33'22	
max. Earth dist.	-718 Jan 25 j 01:13	22°♑15'29	1.38031 AU
	-718 Jan 29 j 06:32	0°♒	
superior conj	-718 Feb 01 j 02:07	5°♒19'55	-1°-46'-57
minimum elong	-718 Feb 01 j 05:36	5°♒36'35	1°46'42
evening rise	-718 Feb 09 j 21:37	22°♒36'21	
	-718 Feb 13 j 16:54	0°♓	
asc. node	-718 Feb 14 j 08:58	1°♓15'56	
evening max el	-718 Feb 26 j 11:55	19°♓23'43	19°01'46
retrograde	-718 Mar 07 j 01:19	23°♓30'51	
evening set	-718 Mar 09 j 07:39	23°♓14'47	
inferior conj	-718 Mar 17 j 09:22	19°♓00'21	2°23'13
minimum elong	-718 Mar 17 j 13:50	18°♓52'32	2°21'59
min. Earth dist.	-718 Mar 20 j 12:27	16°♓49'56	0.56952 AU
morning rise	-718 Mar 25 j 15:51	13°♓59'16	
desc. node	-718 Mar 26 j 12:26	13°♓40'12	
direct	-718 Mar 30 j 20:23	12°♓55'31	
morning max el	-718 Apr 14 j 02:47	20°♓18'23	25°38'32
	-718 Apr 22 j 09:55	0°♈	
	-718 May 09 j 20:06	0°♉	
morning set	-718 May 11 j 11:32	3°♉25'07	
asc. node	-718 May 13 j 08:16	7°♉22'51	
superior conj	-718 May 18 j 12:22	18°♉38'05	0°52'12
minimum elong	-718 May 18 j 10:19	18°♉26'49	0°51'49
max. Earth dist.	-718 May 19 j 08:45	20°♉29'23	1.32676 AU
	-718 May 23 j 18:48	0°♊	
evening rise	-718 May 25 j 15:23	3°♊52'50	
	-718 Jun 08 j 19:15	0°♋	
desc. node	-718 Jun 22 j 11:44	18°♋49'20	
evening max el	-718 Jun 26 j 03:39	22°♋37'08	27°11'30
retrograde	-718 Jul 10 j 01:06	29°♋55'15	
evening set	-718 Jul 17 j 03:05	27°♋36'14	

min. Earth dist.	-718 Jul 20 j 17:44	24°♋49'46	0.61723 AU
inferior conj	-718 Jul 23 j 20:11	22°♋01'50	-4°-17'-38
minimum elong	-718 Jul 24 j 00:05	21°♋52'58	4°17'01
morning rise	-718 Jul 30 j 23:52	17°♋03'43	
direct	-718 Aug 02 j 10:34	16°♋38'15	
asc. node	-718 Aug 09 j 07:28	20°♋03'39	
morning max el	-718 Aug 09 j 08:31	20°♋06'12	17°57'20
	-718 Aug 16 j 17:00	0°♌	
morning set	-718 Aug 25 j 07:31	15°♌10'21	
	-718 Sep 02 j 13:01	0°♍	
superior conj	-718 Sep 04 j 22:15	4°♍10'20	1°21'36
minimum elong	-718 Sep 05 j 03:01	4°♍31'02	1°21'07
max. Earth dist.	-718 Sep 12 j 07:59	16°♍41'34	1.42503 AU
desc. node	-718 Sep 18 j 11:03	26°♍34'59	
evening rise	-718 Sep 19 j 02:44	27°♍36'57	
	-718 Sep 20 j 15:11	0°♎	
	-718 Oct 11 j 00:17	0°♏	
greatest brilliancy	-718 Oct 16 j 07:40	6°♏54'18	-0.4m
evening max el	-718 Oct 21 j 02:02	12°♏18'32	21°57'31
retrograde	-718 Oct 30 j 07:43	17°♏48'02	
evening set	-718 Nov 03 j 15:38	16°♏06'10	
asc. node	-718 Nov 05 j 06:41	14°♏34'46	
inferior conj	-718 Nov 09 j 01:00	9°♏47'02	1°16'11
minimum elong	-718 Nov 08 j 23:20	9°♏52'50	1°15'30
min. Earth dist.	-718 Nov 09 j 03:09	9°♏39'38	0.67564 AU
morning rise	-718 Nov 14 j 06:48	3°♏31'58	
direct	-718 Nov 19 j 01:32	1°♏32'34	
morning max el	-718 Nov 28 j 21:39	7°♏23'07	22°46'13
greatest brilliancy	-718 Dec 03 j 13:58	12°♏37'31	-0.3m
desc. node	-718 Dec 15 j 10:18	28°♏33'44	
	-718 Dec 16 j 10:07	0°♐	
morning set	-717 Jan 02 j 00:12	25°♐41'55	
	-717 Jan 04 j 14:18	0°♑	
max. Earth dist.	-717 Jan 06 j 20:47	3°♑50'48	1.40154 AU
superior conj	-717 Jan 14 j 15:36	17°♑35'00	-1°-58'-53
minimum elong	-717 Jan 14 j 17:19	17°♑42'49	1°58'51
	-717 Jan 21 j 07:46	0°♒	
evening rise	-717 Jan 24 j 11:28	5°♒59'22	
asc. node	-717 Feb 01 j 06:01	20°♒16'02	
	-717 Feb 07 j 20:17	0°♓	
evening max el	-717 Feb 09 j 16:16	1°♓58'26	18°25'20
retrograde	-717 Feb 17 j 02:01	5°♓37'18	
evening set	-717 Feb 19 j 12:58	5°♓14'25	
inferior conj	-717 Feb 26 j 21:07	0°♓39'20	3°22'30
minimum elong	-717 Feb 27 j 00:35	0°♓32'15	3°21'54
	-717 Feb 27 j 16:16	30°℞♒	
min. Earth dist.	-717 Mar 02 j 07:28	27°♒52'30	0.58867 AU
morning rise	-717 Mar 06 j 08:30	25°♒11'12	
direct	-717 Mar 12 j 13:33	23°♒30'27	
desc. node	-717 Mar 13 j 09:28	23°♒32'14	
	-717 Mar 25 j 15:37	0°♓	
morning max el	-717 Mar 26 j 21:08	1°♓09'44	26°54'12
	-717 Apr 16 j 11:24	0°♈	
morning set	-717 Apr 25 j 21:41	18°♈17'43	
asc. node	-717 Apr 30 j 05:19	27°♈31'45	
	-717 May 01 j 08:29	0°♉	
superior conj	-717 May 03 j 00:07	3°♉37'19	0°29'04
minimum elong	-717 May 02 j 22:51	3°♉30'25	0°28'49
max. Earth dist.	-717 May 02 j 21:29	3°♉22'55	1.32392 AU
evening rise	-717 May 09 j 23:26	18°♉42'04	
	-717 May 15 j 14:14	0°♊	
	-717 Jun 03 j 22:49	0°♋	
evening max el	-717 Jun 08 j 04:50	4°♋29'50	26°24'49
desc. node	-717 Jun 09 j 08:45	5°♋34'13	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-717 Jun 22 j 05:20	11°♋44'19		
evening set	-717 Jun 28 j 17:35	9°♋58'13		
min. Earth dist.	-717 Jul 02 j 17:58	7°♋20'36	0.59686 AU	
inferior conj	-717 Jul 06 j 02:14	4°♋43'00	-4°-39'-4	
minimum elong	-717 Jul 06 j 03:36	4°♋40'17	4°39'01	
morning rise	-717 Jul 13 j 16:59	0°♋07'27		
	-717 Jul 14 j 04:19	30°℞♊		
direct	-717 Jul 16 j 04:06	29°♊45'40		
	-717 Jul 18 j 02:55	0°♋		
morning max el	-717 Jul 23 j 18:41	3°♋25'45	18°19'19	
asc. node	-717 Jul 27 j 04:32	7°♋19'29		
morning set	-717 Aug 08 j 18:05	28°♋47'44		
	-717 Aug 09 j 09:16	0°♌		
superior conj	-717 Aug 18 j 02:18	16°♌21'40	1°40'05	
minimum elong	-717 Aug 18 j 05:07	16°♌34'29	1°39'56	
max. Earth dist.	-717 Aug 25 j 14:47	29°♌41'16	1.40650 AU	
	-717 Aug 25 j 19:10	0°♍		
evening rise	-717 Aug 30 j 08:33	7°♍38'55		
desc. node	-717 Sep 05 j 08:05	17°♍14'51		
	-717 Sep 13 j 18:00	0°♎		
evening max el	-717 Oct 03 j 17:02	25°♎48'53	23°16'58	
	-717 Oct 08 j 15:38	0°♏		
retrograde	-717 Oct 14 j 01:15	1°♏56'03		
evening set	-717 Oct 18 j 22:37	29°♎55'45		
	-717 Oct 18 j 20:34	30°℞♎		
asc. node	-717 Oct 23 j 03:43	25°♎09'27		
inferior conj	-717 Oct 24 j 08:01	23°♎32'51	0°24'23	
minimum elong	-717 Oct 24 j 07:27	23°♎34'49	0°24'07	
min. Earth dist.	-717 Oct 23 j 23:43	24°♎01'21	0.67608 AU	
morning rise	-717 Oct 29 j 16:19	17°♎21'10		
direct	-717 Nov 02 j 20:37	15°♎44'16		
morning max el	-717 Nov 11 j 12:53	20°♎49'34	21°23'03	
greatest brilliancy	-717 Nov 16 j 17:18	26°♎46'57	-0.4m	
	-717 Nov 19 j 04:56	0°♏		
desc. node	-717 Dec 02 j 07:20	18°♏43'30		
	-717 Dec 09 j 16:40	0°♐		
morning set	-717 Dec 12 j 13:48	4°♐30'32		
max. Earth dist.	-717 Dec 19 j 22:40	16°♐22'16	1.42150 AU	
superior conj	-717 Dec 27 j 07:36	28°♐46'55	-1°-59'-11	
minimum elong	-717 Dec 27 j 05:33	28°♐38'05	1°59'09	
	-717 Dec 28 j 00:31	0°♑		
evening rise	-716 Jan 07 j 12:27	18°♑42'43		
	-716 Jan 13 j 19:17	0°♒		
asc. node	-716 Jan 19 j 03:02	8°♒42'26		
evening max el	-716 Jan 24 j 02:04	14°♒56'30	18°08'47	
retrograde	-716 Jan 30 j 19:55	18°♒23'05		
evening set	-716 Feb 02 j 10:53	17°♒52'08		
inferior conj	-716 Feb 09 j 04:33	12°♒55'06	3°49'09	
minimum elong	-716 Feb 09 j 05:41	12°♒52'24	3°49'04	
min. Earth dist.	-716 Feb 12 j 08:50	9°♒55'57	0.60959 AU	
morning rise	-716 Feb 15 j 21:44	7°♒08'04		
direct	-716 Feb 22 j 17:37	4°♒51'46		
desc. node	-716 Feb 28 j 06:31	6°♒12'53		
morning max el	-716 Mar 07 j 21:53	12°♒39'38	27°37'56	
	-716 Mar 21 j 16:21	0°♓		
	-716 Apr 07 j 17:27	0°♈		
morning set	-716 Apr 09 j 04:17	2°♈57'31		
max. Earth dist.	-716 Apr 15 j 09:42	16°♈12'10	1.32466 AU	
superior conj	-716 Apr 16 j 11:15	18°♈31'38	0°03'56	
minimum elong	-716 Apr 16 j 11:04	18°♈30'39	0°03'54	
behind sun begin	-716 Apr 16 j 06:09	18°♈03'45		
behind sun end	-716 Apr 16 j 16:00	18°♈57'34		
asc. node	-716 Apr 16 j 02:22	17°♈43'04		
	-716 Apr 21 j 17:38	0°♉		
evening rise	-716 Apr 23 j 10:17	3°♉36'46		
	-716 May 07 j 15:31	0°♊		
evening max el	-716 May 19 j 23:10	15°♊38'01	25°09'48	
desc. node	-716 May 26 j 05:45	20°♊29'09		
retrograde	-716 Jun 02 j 23:36	22°♊46'22		
evening set	-716 Jun 08 j 09:14	21°♊38'57		
min. Earth dist.	-716 Jun 13 j 10:52	18°♊52'23	0.57685 AU	
inferior conj	-716 Jun 16 j 13:23	16°♊45'45	-4°-32'-35	
minimum elong	-716 Jun 16 j 10:27	16°♊50'45	4°32'20	
morning rise	-716 Jun 24 j 15:34	12°♊32'32		
direct	-716 Jun 27 j 04:29	12°♊13'22		
morning max el	-716 Jul 05 j 21:41	16°♊18'03	19°01'54	
asc. node	-716 Jul 13 j 01:36	25°♊27'43		
	-716 Jul 15 j 18:36	0°♋		
morning set	-716 Jul 22 j 14:47	12°♋55'54		
superior conj	-716 Jul 31 j 01:25	29°♋30'52	1°47'17	
minimum elong	-716 Jul 31 j 02:01	29°♋33'41	1°47'17	
	-716 Jul 31 j 07:30	0°♌		
max. Earth dist.	-716 Aug 06 j 17:54	11°♌58'45	1.38640 AU	
evening rise	-716 Aug 10 j 15:25	18°♌51'55		
	-716 Aug 17 j 07:07	0°♍		
desc. node	-716 Aug 22 j 05:05	7°♍45'09		
	-716 Sep 06 j 23:58	0°♎		
evening max el	-716 Sep 15 j 04:58	9°♎21'44	24°36'21	
retrograde	-716 Sep 26 j 15:01	16°♎01'55		
evening set	-716 Oct 02 j 03:02	13°♎43'25		
min. Earth dist.	-716 Oct 06 j 19:04	8°♎23'14	0.67336 AU	
inferior conj	-716 Oct 07 j 13:51	7°♎20'33	0°-30'-6	
minimum elong	-716 Oct 07 j 14:35	7°♎18'05	0°29'48	
asc. node	-716 Oct 09 j 00:46	5°♎26'00		
morning rise	-716 Oct 13 j 02:32	1°♎14'55		
	-716 Oct 16 j 05:55	30°℞♍		
direct	-716 Oct 16 j 18:00	29°♍58'35		
	-716 Oct 17 j 06:13	0°♎		
morning max el	-716 Oct 24 j 11:30	4°♎25'55	20°10'09	
greatest brilliancy	-716 Oct 31 j 09:52	12°♎51'06	-0.6m	
	-716 Nov 12 j 04:33	0°♏		
desc. node	-716 Nov 18 j 04:21	9°♏08'26		
morning set	-716 Nov 20 j 10:54	12°♏38'45		
	-716 Dec 01 j 11:50	0°♐		
max. Earth dist.	-716 Dec 01 j 08:01	29°♏44'42	1.43736 AU	
superior conj	-716 Dec 06 j 21:13	8°♐44'06	-1°-43'-28	
minimum elong	-716 Dec 06 j 14:35	8°♐16'55	1°43'00	
	-716 Dec 19 j 11:39	0°♑		
evening rise	-716 Dec 19 j 20:15	0°♑37'06		
asc. node	-715 Jan 05 j 00:04	26°♑24'26		
evening max el	-715 Jan 06 j 14:19	28°♑09'34	18°11'45	
	-715 Jan 08 j 17:13	0°♒		
retrograde	-715 Jan 13 j 02:25	1°♒37'18		
evening set	-715 Jan 15 j 21:26	0°♒57'24		
	-715 Jan 17 j 12:19	30°℞♑		
inferior conj	-715 Jan 22 j 03:55	25°♑39'40	3°51'00	
minimum elong	-715 Jan 22 j 02:58	25°♑42'12	3°50'56	
min. Earth dist.	-715 Jan 24 j 19:13	22°♑50'58	0.62930 AU	
morning rise	-715 Jan 28 j 06:36	19°♑40'26		
direct	-715 Feb 04 j 06:39	16°♑59'15		
desc. node	-715 Feb 14 j 03:32	21°♑14'38		
morning max el	-715 Feb 18 j 04:14	24°♑50'27	27°44'50	
	-715 Feb 22 j 21:41	0°♒		
	-715 Mar 15 j 01:31	0°♓		
morning set	-715 Mar 24 j 05:08	17°♓17'09		
max. Earth dist.	-715 Mar 29 j 17:19	28°♓42'58	1.32918 AU	
	-715 Mar 30 j 07:45	0°♈		
superior conj	-715 Mar 31 j 20:08	3°♈15'30	0°-22'-23	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-715 Mar 31 j 21:11	3°♈21'12	0°22'10
asc. node	-715 Apr 02 j 23:24	7°♈52'57	
evening rise	-715 Apr 07 j 22:05	18°♈30'27	
	-715 Apr 13 j 14:25	0°♉	
evening max el	-715 May 01 j 13:50	26°♉17'31	23°37'52
	-715 May 06 j 02:23	0°♊	
desc. node	-715 May 13 j 02:46	2°♊57'48	
retrograde	-715 May 15 j 06:05	3°♊08'14	
evening set	-715 May 19 j 05:12	2°♊33'35	
	-715 May 24 j 23:07	30°℞♉	
min. Earth dist.	-715 May 26 j 00:30	29°♉23'12	0.56050 AU
inferior conj	-715 May 28 j 04:25	28°♉05'09	-3°-46'-3
minimum elong	-715 May 27 j 21:47	28°♉15'11	3°44'36
morning rise	-715 Jun 05 j 17:58	24°♉07'54	
direct	-715 Jun 08 j 09:23	23°♉50'24	
morning max el	-715 Jun 18 j 15:00	28°♉34'23	20°05'22
	-715 Jun 20 j 01:35	0°♊	
asc. node	-715 Jun 29 j 22:39	14°♊16'15	
morning set	-715 Jul 06 j 18:34	27°♊26'56	
	-715 Jul 08 j 00:39	0°♋	
superior conj	-715 Jul 14 j 14:23	13°♋23'05	1°45'30
minimum elong	-715 Jul 14 j 13:16	13°♋17'27	1°45'28
max. Earth dist.	-715 Jul 19 j 22:21	23°♋49'52	1.36731 AU
	-715 Jul 23 j 05:28	0°♌	
evening rise	-715 Jul 23 j 21:24	1°♌12'53	
desc. node	-715 Aug 09 j 02:06	28°♌00'59	
	-715 Aug 10 j 10:13	0°♍	
evening max el	-715 Aug 28 j 16:14	22°♍57'35	25°48'16
	-715 Sep 09 j 09:36	0°♎	
retrograde	-715 Sep 10 j 00:23	0°♎01'25	
	-715 Sep 10 j 14:58	30°℞♍	
evening set	-715 Sep 16 j 03:04	27°♍27'30	
min. Earth dist.	-715 Sep 20 j 10:54	22°♍43'34	0.66739 AU
inferior conj	-715 Sep 21 j 16:47	21°♍08'40	-1°-25'-40
minimum elong	-715 Sep 21 j 18:55	21°♍01'51	1°24'47
asc. node	-715 Sep 25 j 21:49	16°♍23'03	
morning rise	-715 Sep 27 j 11:33	15°♍11'56	
direct	-715 Sep 30 j 16:22	14°♍12'51	
morning max el	-715 Oct 07 j 17:30	18°♍11'32	19°11'08
	-715 Oct 16 j 19:48	0°♎	
morning set	-715 Oct 30 j 15:49	21°♎17'35	
desc. node	-715 Nov 05 j 01:23	29°♎44'14	
	-715 Nov 05 j 05:24	0°♏	
max. Earth dist.	-715 Nov 13 j 22:57	13°♏42'28	1.44722 AU
superior conj	-715 Nov 16 j 09:29	17°♏33'51	-1°-9'-37
minimum elong	-715 Nov 16 j 01:41	17°♏02'56	1°08'46
	-715 Nov 24 j 04:08	0°♐	
evening rise	-715 Dec 01 j 06:34	11°♐34'59	
	-715 Dec 12 j 13:53	0°♑	
evening max el	-715 Dec 21 j 02:25	11°♑31'43	18°33'21
asc. node	-715 Dec 22 j 21:05	13°♑09'25	
retrograde	-715 Dec 27 j 17:10	15°♑11'41	
evening set	-715 Dec 30 j 17:06	14°♑21'34	
inferior conj	-714 Jan 05 j 15:18	8°♑45'12	3°35'07
minimum elong	-714 Jan 05 j 13:01	8°♑51'56	3°34'45
min. Earth dist.	-714 Jan 07 j 15:25	6°♑23'22	0.64607 AU
morning rise	-714 Jan 11 j 07:39	2°♑38'13	
	-714 Jan 16 j 05:06	30°℞♐	
direct	-714 Jan 18 j 03:11	29°♐47'01	
	-714 Jan 20 j 02:54	0°♑	
morning max el	-714 Jan 31 j 13:24	7°♑33'10	27°16'37
desc. node	-714 Feb 01 j 00:34	8°♑01'21	
	-714 Feb 17 j 22:56	0°♒	
	-714 Mar 07 j 07:36	0°♓	
morning set	-714 Mar 07 j 21:23	1°♓06'54	

max. Earth dist.	-714 Mar 12 j 16:20	10°♓42'53	1.33793 AU
superior conj	-714 Mar 16 j 00:49	17°♓42'22	0°-48'-52
minimum elong	-714 Mar 16 j 03:07	17°♓54'32	0°48'26
asc. node	-714 Mar 20 j 20:26	27°♓56'52	
	-714 Mar 21 j 19:39	0°♈	
evening rise	-714 Mar 23 j 09:00	3°♈16'32	
	-714 Apr 07 j 08:41	0°♉	
evening max el	-714 Apr 13 j 07:36	6°♉56'52	22°03'34
retrograde	-714 Apr 26 j 00:23	13°♉09'40	
evening set	-714 Apr 28 j 18:28	12°♉52'52	
desc. node	-714 Apr 29 j 23:48	12°♉35'12	
min. Earth dist.	-714 May 07 j 13:38	9°♉06'33	0.55132 AU
inferior conj	-714 May 08 j 03:31	8°♉47'00	-2°-15'-25
minimum elong	-714 May 07 j 21:35	8°♉55'22	2°13'31
morning rise	-714 May 17 j 02:11	4°♉51'33	
direct	-714 May 19 j 23:37	4°♉32'48	
morning max el	-714 May 31 j 21:11	10°♉07'48	21°28'06
	-714 Jun 14 j 22:22	0°♊	
asc. node	-714 Jun 16 j 19:42	3°♊34'29	
morning set	-714 Jun 21 j 02:59	12°♊13'13	
superior conj	-714 Jun 28 j 12:59	27°♊44'54	1°36'46
minimum elong	-714 Jun 28 j 10:50	27°♊33'45	1°36'35
	-714 Jun 29 j 15:04	0°♋	
max. Earth dist.	-714 Jul 02 j 10:07	5°♋41'30	1.35113 AU
evening rise	-714 Jul 06 j 21:34	14°♋27'51	
	-714 Jul 15 j 12:32	0°♌	
desc. node	-714 Jul 26 j 23:08	17°♌54'43	
	-714 Aug 05 j 03:30	0°♍	
evening max el	-714 Aug 11 j 04:03	6°♍31'18	26°44'57
retrograde	-714 Aug 24 j 04:38	13°♍47'27	
evening set	-714 Aug 30 j 20:32	11°♍03'58	
min. Earth dist.	-714 Sep 03 j 20:48	6°♍57'44	0.65793 AU
inferior conj	-714 Sep 05 j 14:48	4°♍53'16	-2°-20'-29
minimum elong	-714 Sep 05 j 18:16	4°♍43'00	2°19'13
	-714 Sep 10 j 09:10	30°℞♌	
morning rise	-714 Sep 11 j 17:13	29°♌08'36	
asc. node	-714 Sep 12 j 18:52	28°♌40'56	
direct	-714 Sep 14 j 13:49	28°♌23'00	
	-714 Sep 18 j 21:06	0°♍	
morning max el	-714 Sep 21 j 05:11	2°♍02'09	18°28'03
	-714 Oct 10 j 03:50	0°♎	
morning set	-714 Oct 10 j 22:22	1°♎14'54	
desc. node	-714 Oct 22 j 22:27	20°♎27'03	
superior conj	-714 Oct 26 j 09:49	25°♎56'03	0°-22'-32
minimum elong	-714 Oct 26 j 06:50	25°♎44'20	0°22'09
max. Earth dist.	-714 Oct 27 j 17:13	27°♎59'39	1.44994 AU
	-714 Oct 28 j 23:50	0°♏	
evening rise	-714 Nov 11 j 16:59	21°♏33'41	
	-714 Nov 17 j 01:21	0°♐	
greatest brilliancy	-714 Nov 24 j 02:27	10°♐58'34	-0.7m
evening max el	-714 Dec 04 j 11:59	24°♐58'41	19°12'18
asc. node	-714 Dec 09 j 18:07	28°♐42'50	
retrograde	-714 Dec 11 j 12:38	29°♐00'17	
evening set	-714 Dec 14 j 19:02	27°♐58'13	
inferior conj	-714 Dec 20 j 11:17	22°♐05'45	3°06'36
minimum elong	-714 Dec 20 j 08:27	22°♐14'44	3°05'54
min. Earth dist.	-714 Dec 21 j 20:38	20°♐19'45	0.65911 AU
morning rise	-714 Dec 25 j 21:02	15°♐53'46	
direct	-713 Jan 01 j 05:57	13°♐06'45	
morning max el	-713 Jan 13 j 22:53	20°♐35'46	26°19'44
desc. node	-713 Jan 18 j 21:37	26°♐02'54	
	-713 Jan 22 j 02:19	0°♑	
	-713 Feb 11 j 01:56	0°♒	
morning set	-713 Feb 19 j 01:13	14°♒15'01	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

max. Earth dist.	-713 Feb 23 j 04:01	22°♒08'35	1.35124 AU	
	-713 Feb 27 j 02:23	0°♓		
superior conj	-713 Feb 27 j 23:01	1°♓45'13	-1°-14'-10	
minimum elong	-713 Feb 28 j 02:21	2°♓02'14	1°13'39	
evening rise	-713 Mar 07 j 17:09	17°♓48'50		
asc. node	-713 Mar 07 j 17:29	17°♓50'34		
	-713 Mar 13 j 21:30	0°♈		
evening max el	-713 Mar 26 j 10:23	18°♈02'12	20°39'08	
retrograde	-713 Apr 06 j 13:20	23°♈23'02		
evening set	-713 Apr 08 j 18:15	23°♈11'18		
desc. node	-713 Apr 16 j 20:48	19°♈50'20		
inferior conj	-713 Apr 17 j 22:12	19°♈14'00	0°-18'-6	
minimum elong	-713 Apr 17 j 21:21	19°♈15'13	0°17'48	
min. Earth dist.	-713 Apr 19 j 03:07	18°♈32'24	0.55146 AU	
morning rise	-713 Apr 26 j 22:55	15°♈02'13		
direct	-713 Apr 30 j 11:11	14°♈35'32		
morning max el	-713 May 13 j 17:31	21°♈01'44	23°04'51	
	-713 May 21 j 09:03	0°♉		
asc. node	-713 Jun 03 j 16:47	23°♉14'48		
morning set	-713 Jun 05 j 14:04	27°♉09'04		
	-713 Jun 06 j 22:31	0°♊		
superior conj	-713 Jun 12 j 18:05	12°♊26'49	1°22'37	
minimum elong	-713 Jun 12 j 15:34	12°♊13'22	1°22'17	
max. Earth dist.	-713 Jun 15 j 07:48	17°♊53'33	1.33870 AU	
evening rise	-713 Jun 20 j 11:07	28°♊23'16		
	-713 Jun 21 j 06:46	0°♋		
	-713 Jul 08 j 16:51	0°♌		
desc. node	-713 Jul 13 j 20:10	7°♌16'46		
evening max el	-713 Jul 24 j 15:46	19°♌52'34	27°18'47	
retrograde	-713 Aug 07 j 03:06	27°♌12'16		
evening set	-713 Aug 14 j 04:42	24°♌28'14		
min. Earth dist.	-713 Aug 17 j 22:27	20°♌58'43	0.64483 AU	
inferior conj	-713 Aug 20 j 05:35	18°♌29'29	-3°-12'-8	
minimum elong	-713 Aug 20 j 10:00	18°♌17'32	3°10'48	
morning rise	-713 Aug 26 j 17:01	13°♌00'22		
direct	-713 Aug 29 j 07:54	12°♌24'46		
asc. node	-713 Aug 30 j 15:57	12°♌34'05		
morning max el	-713 Sep 04 j 20:07	15°♌52'43	18°01'57	
	-713 Sep 14 j 21:25	0°♍		
morning set	-713 Sep 22 j 08:59	12°♍33'58		
	-713 Oct 02 j 20:15	0°♎		
superior conj	-713 Oct 05 j 20:08	4°♎51'31	0°25'55	
minimum elong	-713 Oct 05 j 23:06	5°♎03'29	0°25'30	
desc. node	-713 Oct 09 j 19:30	11°♎13'13		
max. Earth dist.	-713 Oct 10 j 11:45	12°♎17'46	1.44532 AU	
	-713 Oct 21 j 19:35	0°♏		
evening rise	-713 Oct 22 j 06:53	0°♏43'38		
	-713 Nov 10 j 20:43	0°♐		
greatest brilliancy	-713 Nov 10 j 20:21	29°♏58'44	-0.6m	
evening max el	-713 Nov 17 j 16:59	8°♐26'42	20°06'49	
retrograde	-713 Nov 25 j 10:05	12°♐58'09		
asc. node	-713 Nov 26 j 15:10	12°♐49'45		
evening set	-713 Nov 29 j 00:48	11°♐42'06		
inferior conj	-713 Dec 04 j 13:04	5°♐36'23	2°28'51	
minimum elong	-713 Dec 04 j 10:20	5°♐45'34	2°27'58	
min. Earth dist.	-713 Dec 05 j 09:06	4°♐29'23	0.66832 AU	
	-713 Dec 09 j 02:59	30°℞♏		
morning rise	-713 Dec 09 j 19:18	29°♏21'31		
direct	-713 Dec 15 j 14:07	26°♏49'06		
	-713 Dec 23 j 01:40	0°♐		
morning max el	-713 Dec 27 j 07:32	3°♐47'39	25°03'05	
desc. node	-712 Jan 05 j 18:41	14°♐56'45		
	-712 Jan 16 j 09:44	0°♑		
morning set	-712 Feb 01 j 11:25	26°♑25'40		
	-712 Feb 03 j 10:56	0°♒		
max. Earth dist.	-712 Feb 05 j 04:51	3°♒12'47	1.36883 AU	
superior conj	-712 Feb 11 j 11:42	15°♒14'23	-1°-36'-28	
minimum elong	-712 Feb 11 j 15:26	15°♒32'46	1°36'04	
	-712 Feb 18 j 20:29	0°♓		
evening rise	-712 Feb 19 j 20:19	1°♓59'53		
asc. node	-712 Feb 22 j 14:31	7°♓28'20		
evening max el	-712 Mar 08 j 00:11	29°♓43'52	19°31'36	
	-712 Mar 08 j 07:01	0°♈		
retrograde	-712 Mar 17 j 10:15	4°♈14'44		
evening set	-712 Mar 19 j 14:29	4°♈01'20		
inferior conj	-712 Mar 28 j 02:44	29°♓55'49	1°32'42	
minimum elong	-712 Mar 28 j 06:20	29°♓50'02	1°31'34	
	-712 Mar 28 j 00:08	30°℞♓		
min. Earth dist.	-712 Mar 30 j 17:32	28°♓15'21	0.56079 AU	
desc. node	-712 Apr 02 j 17:51	26°♓31'24		
morning rise	-712 Apr 05 j 18:35	25°♓13'42		
direct	-712 Apr 10 j 07:02	24°♓27'40		
	-712 Apr 22 j 15:15	0°♈		
morning max el	-712 Apr 24 j 08:37	1°♈33'46	24°45'11	
	-712 May 14 j 00:54	0°♉		
morning set	-712 May 20 j 02:08	12°♉08'46		
asc. node	-712 May 20 j 13:51	13°♉10'35		
superior conj	-712 May 27 j 03:17	27°♉21'06	1°04'16	
minimum elong	-712 May 27 j 00:56	27°♉08'17	1°03'53	
	-712 May 28 j 08:36	0°♊		
max. Earth dist.	-712 May 28 j 13:54	0°♊28'36	1.33004 AU	
evening rise	-712 Jun 03 j 10:09	12°♊47'17		
	-712 Jun 12 j 10:46	0°♋		
desc. node	-712 Jun 29 j 17:11	25°♋54'08		
	-712 Jul 03 j 06:54	0°♌		
evening max el	-712 Jul 06 j 01:12	2°♌48'17	27°23'29	
retrograde	-712 Jul 19 j 19:24	10°♌07'29		
evening set	-712 Jul 27 j 00:11	7°♌35'04		
min. Earth dist.	-712 Jul 30 j 14:08	4°♌36'31	0.62816 AU	
inferior conj	-712 Aug 02 j 10:22	1°♌51'17	-3°-56'-59	
minimum elong	-712 Aug 02 j 14:52	1°♌40'21	3°56'01	
	-712 Aug 04 j 09:33	30°℞♋		
morning rise	-712 Aug 09 j 07:55	26°♋41'14		
direct	-712 Aug 11 j 19:31	26°♋12'44		
asc. node	-712 Aug 16 j 13:02	27°♋57'44		
morning max el	-712 Aug 18 j 11:36	29°♋37'49	17°53'44	
	-712 Aug 18 j 20:24	0°♌		
morning set	-712 Sep 03 j 18:43	24°♌59'27		
	-712 Sep 06 j 14:35	0°♍		
superior conj	-712 Sep 15 j 07:39	15°♍02'54	1°05'03	
minimum elong	-712 Sep 15 j 12:48	15°♍24'34	1°04'26	
max. Earth dist.	-712 Sep 22 j 03:05	26°♍17'22	1.43396 AU	
	-712 Sep 24 j 10:27	0°♎		
desc. node	-712 Sep 25 j 16:32	1°♎59'53		
evening rise	-712 Sep 30 j 13:25	9°♎38'40		
	-712 Oct 14 j 01:07	0°♏		
greatest brilliancy	-712 Oct 25 j 10:41	15°♏49'57	-0.4m	
evening max el	-712 Oct 30 j 16:13	21°♏54'54	21°14'14	
retrograde	-712 Nov 08 j 07:23	27°♏02'33		
evening set	-712 Nov 12 j 08:27	25°♏30'29		
asc. node	-712 Nov 12 j 12:13	25°♏23'08		
inferior conj	-712 Nov 17 j 18:25	19°♏14'59	1°44'17	
minimum elong	-712 Nov 17 j 16:14	19°♏22'29	1°43'27	
min. Earth dist.	-712 Nov 18 j 02:42	18°♏46'30	0.67391 AU	
morning rise	-712 Nov 22 j 23:43	12°♏59'18		
direct	-712 Nov 28 j 03:05	10°♏47'19		
morning max el	-712 Dec 08 j 16:25	17°♏04'33	23°36'38	
	-712 Dec 19 j 09:44	0°♐		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-712 Dec 22 j 15:45	4°♐28'13	
	-711 Jan 08 j 11:12	0°♑	
morning set	-711 Jan 12 j 21:52	7°♑23'16	
max. Earth dist.	-711 Jan 17 j 00:16	14°♑27'50	1.38936 AU
superior conj	-711 Jan 24 j 11:01	28°♑00'04	-1°-53'-10
minimum elong	-711 Jan 24 j 13:59	28°♑13'59	1°53'00
	-711 Jan 25 j 12:29	0°♒	
evening rise	-711 Feb 02 j 15:57	15°♒43'01	
asc. node	-711 Feb 08 j 11:33	26°♒44'27	
	-711 Feb 10 j 07:44	0°♓	
evening max el	-711 Feb 18 j 23:56	12°♓01'15	18°43'41
retrograde	-711 Feb 27 j 00:19	15°♓54'47	
evening set	-711 Mar 01 j 08:29	15°♓36'07	
inferior conj	-711 Mar 09 j 02:26	11°♓13'03	2°52'46
minimum elong	-711 Mar 09 j 06:46	11°♓04'55	2°51'46
min. Earth dist.	-711 Mar 12 j 10:28	8°♓44'26	0.57724 AU
morning rise	-711 Mar 17 j 00:57	5°♓59'07	
desc. node	-711 Mar 20 j 14:53	4°♓51'09	
direct	-711 Mar 22 j 16:30	4°♓40'30	
morning max el	-711 Apr 06 j 00:38	12°♓11'51	26°14'04
	-711 Apr 19 j 21:24	0°♈	
morning set	-711 May 04 j 13:27	27°♈06'09	
	-711 May 05 j 22:19	0°♉	
asc. node	-711 May 07 j 10:53	3°♉16'17	
superior conj	-711 May 11 j 14:36	12°♉20'41	0°42'40
minimum elong	-711 May 11 j 12:51	12°♉11'02	0°42'20
max. Earth dist.	-711 May 12 j 01:12	13°♉18'43	1.32508 AU
evening rise	-711 May 18 j 15:37	27°♉29'53	
	-711 May 19 j 20:42	0°♊	
	-711 Jun 05 j 21:13	0°♋	
desc. node	-711 Jun 16 j 14:12	13°♋27'33	
evening max el	-711 Jun 18 j 05:47	15°♋05'47	26°55'30
retrograde	-711 Jul 02 j 04:45	22°♋23'07	
evening set	-711 Jul 09 j 02:35	20°♋16'23	
min. Earth dist.	-711 Jul 12 j 19:34	17°♋36'12	0.60865 AU
inferior conj	-711 Jul 16 j 01:44	14°♋49'51	-4°-29'-24
minimum elong	-711 Jul 16 j 04:49	14°♋43'14	4°29'04
morning rise	-711 Jul 23 j 10:07	10°♋01'35	
direct	-711 Jul 25 j 20:44	9°♋37'56	
morning max el	-711 Aug 02 j 00:39	13°♋09'32	18°04'18
asc. node	-711 Aug 03 j 10:06	14°♋37'12	
	-711 Aug 13 j 10:05	0°♌	
morning set	-711 Aug 17 j 21:37	8°♌14'06	
superior conj	-711 Aug 27 j 22:10	26°♌34'03	1°30'58
minimum elong	-711 Aug 28 j 02:13	26°♌52'02	1°30'38
	-711 Aug 29 j 20:55	0°♍	
max. Earth dist.	-711 Sep 04 j 12:37	9°♍40'05	1.41742 AU
evening rise	-711 Sep 10 j 06:42	19°♍05'04	
desc. node	-711 Sep 12 j 13:34	22°♍43'10	
	-711 Sep 17 j 06:03	0°♎	
greatest brilliancy	-711 Oct 08 j 14:49	0°♏00'51	-0.3m
	-711 Oct 08 j 14:32	0°♏	
evening max el	-711 Oct 13 j 09:42	5°♏23'14	22°30'51
retrograde	-711 Oct 23 j 02:46	11°♏09'43	
evening set	-711 Oct 27 j 16:08	9°♏20'04	
asc. node	-711 Oct 30 j 09:16	6°♏31'40	
inferior conj	-711 Nov 02 j 01:19	2°♏58'34	0°54'39
minimum elong	-711 Nov 02 j 00:05	3°♏02'52	0°54'07
min. Earth dist.	-711 Nov 01 j 22:57	3°♏06'48	0.67616 AU
	-711 Nov 04 j 06:27	30°℞♎	
morning rise	-711 Nov 07 j 07:55	26°♎44'29	
direct	-711 Nov 11 j 20:15	24°♎54'54	
	-711 Nov 20 j 17:48	0°♏	
morning max el	-711 Nov 21 j 04:20	0°♏26'18	22°09'54
greatest brilliancy	-711 Nov 25 j 20:59	5°♏43'37	-0.4m
desc. node	-711 Dec 09 j 12:48	24°♏26'08	
	-711 Dec 13 j 06:35	0°♐	
morning set	-711 Dec 24 j 03:30	16°♐56'31	
max. Earth dist.	-711 Dec 29 j 21:38	26°♐24'39	1.41030 AU
	-710 Jan 01 j 00:33	0°♑	
superior conj	-710 Jan 06 j 16:01	9°♑49'56	-2°00'-42
minimum elong	-710 Jan 06 j 16:23	9°♑51'31	2°00'44
evening rise	-710 Jan 17 j 00:49	28°♑50'31	
	-710 Jan 17 j 15:43	0°♒	
asc. node	-710 Jan 26 j 08:34	15°♒31'48	
evening max el	-710 Feb 02 j 06:59	24°♒47'34	18°15'53
retrograde	-710 Feb 09 j 08:47	28°♒19'29	
evening set	-710 Feb 11 j 21:22	27°♒53'27	
inferior conj	-710 Feb 18 j 22:59	23°♒09'19	3°37'20
minimum elong	-710 Feb 19 j 01:30	23°♒03'49	3°37'00
min. Earth dist.	-710 Feb 22 j 08:08	20°♒13'50	0.59750 AU
morning rise	-710 Feb 26 j 02:14	17°♒31'53	
direct	-710 Mar 04 j 14:55	15°♒34'55	
desc. node	-710 Mar 07 j 11:55	15°♒56'41	
morning max el	-710 Mar 18 j 21:45	23°♒19'35	27°17'07
	-710 Mar 24 j 21:28	0°♓	
	-710 Apr 12 j 22:35	0°♈	
morning set	-710 Apr 18 j 22:22	11°♈55'02	
asc. node	-710 Apr 24 j 07:54	23°♈27'21	
max. Earth dist.	-710 Apr 25 j 14:03	26°♈12'14	1.32373 AU
superior conj	-710 Apr 26 j 02:20	27°♈19'34	0°18'37
minimum elong	-710 Apr 26 j 01:30	27°♈15'01	0°18'27
	-710 Apr 27 j 07:35	0°♉	
evening rise	-710 May 03 j 01:07	12°♉23'00	
	-710 May 12 j 00:55	0°♊	
evening max el	-710 May 31 j 03:54	26°♊39'21	25°55'53
desc. node	-710 Jun 03 j 11:10	29°♊30'36	
	-710 Jun 04 j 02:51	0°♋	
retrograde	-710 Jun 14 j 05:26	3°♋52'41	
evening set	-710 Jun 20 j 07:36	2°♋22'58	
	-710 Jun 24 j 07:06	30°℞♊	
min. Earth dist.	-710 Jun 24 j 16:32	29°♊43'25	0.58809 AU
inferior conj	-710 Jun 28 j 00:07	27°♊16'19	-4°-40'-33
minimum elong	-710 Jun 27 j 23:49	27°♊16'53	4°40'32
morning rise	-710 Jul 05 j 19:44	22°♊50'36	
direct	-710 Jul 08 j 07:16	22°♊30'11	
morning max el	-710 Jul 16 j 08:12	26°♊19'24	18°34'49
	-710 Jul 19 j 14:54	0°♋	
asc. node	-710 Jul 21 j 07:10	2°♋17'25	
morning set	-710 Aug 01 j 12:55	22°♋05'46	
	-710 Aug 05 j 14:56	0°♌	
superior conj	-710 Aug 10 j 11:02	9°♌12'06	1°44'22
minimum elong	-710 Aug 10 j 12:52	9°♌20'39	1°44'18
max. Earth dist.	-710 Aug 17 j 16:51	22°♌18'50	1.39799 AU
evening rise	-710 Aug 21 j 23:04	29°♌37'02	
	-710 Aug 22 j 04:33	0°♍	
desc. node	-710 Aug 30 j 10:33	13°♍19'26	
	-710 Sep 10 j 17:00	0°♎	
evening max el	-710 Sep 25 j 23:05	18°♎54'20	23°51'13
retrograde	-710 Oct 06 j 18:50	25°♎16'50	
evening set	-710 Oct 11 j 22:13	23°♎08'53	
inferior conj	-710 Oct 17 j 08:03	16°♎45'27	0°01'30
minimum elong	-710 Oct 17 j 08:01	16°♎45'34	0°01'28
transit middle	-710 Oct 17 j 08:01	16°♎45'34	0°01'28
transit begin	-710 Oct 17 j 05:18	16°♎54'47	
transit end	-710 Oct 17 j 10:43	16°♎36'22	
min. Earth dist.	-710 Oct 16 j 19:24	17°♎28'29	0.67528 AU
asc. node	-710 Oct 17 j 06:20	16°♎51'19	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning rise	-710 Oct 22 j 17:58	10°♎35'42	
direct	-710 Oct 26 j 16:33	9°♎07'47	
morning max el	-710 Nov 03 j 22:26	13°♎56'11	20°50'26
greatest brilliancy	-710 Nov 09 j 17:54	20°♎45'19	-0.5m
	-710 Nov 16 j 11:16	0°♏	
desc. node	-710 Nov 26 j 09:50	14°♏42'52	
morning set	-710 Dec 03 j 07:30	25°♏19'39	
	-710 Dec 06 j 06:59	0°♐	
max. Earth dist.	-710 Dec 12 j 02:08	9°♐16'45	1.42883 AU
superior conj	-710 Dec 18 j 21:14	20°♐30'55	-1°-54'-42
minimum elong	-710 Dec 18 j 17:09	20°♐13'45	1°54'33
	-710 Dec 24 j 10:09	0°♑	
evening rise	-710 Dec 30 j 19:00	11°♑13'40	
	-709 Jan 10 j 17:11	0°♒	
asc. node	-709 Jan 13 j 05:36	3°♒40'59	
evening max el	-709 Jan 16 j 18:15	7°♒53'27	18°07'48
retrograde	-709 Jan 23 j 08:25	11°♒18'42	
evening set	-709 Jan 26 j 01:08	10°♒44'02	
inferior conj	-709 Feb 01 j 13:40	5°♒38'17	3°52'28
minimum elong	-709 Feb 01 j 13:50	5°♒37'50	3°52'28
min. Earth dist.	-709 Feb 04 j 13:06	2°♒40'58	0.61824 AU
	-709 Feb 07 j 16:15	30°℞♑	
morning rise	-709 Feb 08 j 00:11	29°♑45'40	
direct	-709 Feb 14 j 23:18	27°♑16'46	
desc. node	-709 Feb 22 j 08:58	29°♑41'49	
	-709 Feb 22 j 20:31	0°♒	
morning max el	-709 Mar 01 j 00:52	5°♒06'46	27°45'22
	-709 Mar 19 j 16:51	0°♓	
morning set	-709 Apr 03 j 02:49	26°♓27'23	
	-709 Apr 04 j 20:03	0°♈	
max. Earth dist.	-709 Apr 09 j 00:40	8°♈54'55	1.32609 AU
superior conj	-709 Apr 10 j 12:45	12°♈10'38	0°-7'-7
minimum elong	-709 Apr 10 j 13:05	12°♈12'26	0°07'04
behind sun begin	-709 Apr 10 j 08:28	11°♈47'22	
behind sun end	-709 Apr 10 j 17:41	12°♈37'32	
asc. node	-709 Apr 11 j 04:55	13°♈38'44	
evening rise	-709 Apr 17 j 12:36	27°♈18'27	
	-709 Apr 18 j 19:25	0°♉	
	-709 May 06 j 05:24	0°♊	
evening max el	-709 May 12 j 20:16	7°♊33'26	24°31'59
desc. node	-709 May 21 j 08:11	13°♊28'04	
retrograde	-709 May 26 j 18:43	14°♊35'41	
evening set	-709 May 31 j 13:51	13°♊43'58	
min. Earth dist.	-709 Jun 06 j 07:50	10°♊48'38	0.56929 AU
inferior conj	-709 Jun 09 j 02:40	9°♊01'14	-4°-18'-22
minimum elong	-709 Jun 08 j 21:52	9°♊09'01	4°17'41
morning rise	-709 Jun 17 j 09:42	4°♊55'33	
direct	-709 Jun 19 j 23:34	4°♊37'12	
morning max el	-709 Jun 29 j 07:16	8°♊57'11	19°26'15
asc. node	-709 Jul 08 j 04:13	20°♊44'09	
	-709 Jul 13 j 06:43	0°♋	
morning set	-709 Jul 16 j 12:59	6°♋24'42	
superior conj	-709 Jul 24 j 16:36	22°♋41'00	1°47'29
minimum elong	-709 Jul 24 j 16:23	22°♋39'56	1°47'30
	-709 Jul 28 j 11:43	0°♌	
max. Earth dist.	-709 Jul 30 j 19:54	4°♌22'39	1.37810 AU
evening rise	-709 Aug 03 j 16:20	11°♌20'29	
	-709 Aug 14 j 21:24	0°♍	
desc. node	-709 Aug 17 j 07:33	3°♍44'18	
	-709 Sep 06 j 00:51	0°♎	
evening max el	-709 Sep 08 j 10:44	2°♎29'39	25°08'23
retrograde	-709 Sep 20 j 06:43	9°♎20'33	
evening set	-709 Sep 26 j 01:00	6°♎55'17	
min. Earth dist.	-709 Sep 30 j 13:35	1°♎50'10	0.67124 AU
inferior conj	-709 Oct 01 j 12:53	0°♎33'51	0°-53'-39
minimum elong	-709 Oct 01 j 14:13	0°♎29'29	0°53'05
	-709 Oct 01 j 23:15	30°℞♍	
asc. node	-709 Oct 04 j 03:24	27°♍18'41	
morning rise	-709 Oct 07 j 03:57	24°♍31'31	
direct	-709 Oct 10 j 14:43	23°♍22'46	
morning max el	-709 Oct 18 j 00:14	27°♍36'28	19°43'11
	-709 Oct 20 j 04:32	0°♎	
greatest brilliancy	-709 Oct 26 j 02:31	7°♎45'51	-0.6m
	-709 Nov 09 j 21:53	0°♏	
morning set	-709 Nov 12 j 04:54	3°♏32'28	
desc. node	-709 Nov 13 j 06:52	5°♏13'04	
max. Earth dist.	-709 Nov 24 j 14:32	22°♏57'53	1.44239 AU
superior conj	-709 Nov 28 j 23:25	29°♏57'26	-1°-31'-16
minimum elong	-709 Nov 28 j 15:33	29°♏25'49	1°30'33
	-709 Nov 29 j 00:03	0°♐	
evening rise	-709 Dec 12 j 18:09	22°♐44'56	
	-709 Dec 17 j 00:55	0°♑	
asc. node	-709 Dec 31 j 02:39	21°♑00'48	
evening max el	-709 Dec 31 j 06:50	21°♑11'32	18°18'45
retrograde	-708 Jan 06 j 18:55	24°♑42'55	
evening set	-708 Jan 09 j 16:00	23°♑58'39	
inferior conj	-708 Jan 15 j 18:37	18°♑32'36	3°46'04
minimum elong	-708 Jan 15 j 17:00	18°♑37'07	3°45'54
min. Earth dist.	-708 Jan 18 j 03:27	15°♑54'05	0.63687 AU
morning rise	-708 Jan 21 j 16:26	12°♑29'57	
direct	-708 Jan 28 j 15:34	9°♑42'52	
desc. node	-708 Feb 09 j 06:02	15°♑32'32	
morning max el	-708 Feb 11 j 08:39	17°♑32'09	27°36'53
	-708 Feb 21 j 19:25	0°♒	
	-708 Mar 11 j 11:47	0°♓	
morning set	-708 Mar 17 j 00:24	10°♓35'20	
max. Earth dist.	-708 Mar 22 j 05:13	21°♓14'22	1.33244 AU
superior conj	-708 Mar 24 j 20:06	26°♓48'02	0°-33'-38
minimum elong	-708 Mar 24 j 21:42	26°♓56'35	0°33'20
	-708 Mar 26 j 07:53	0°♈	
asc. node	-708 Mar 28 j 01:58	3°♈46'33	
evening rise	-708 Apr 01 j 00:16	12°♈09'53	
	-708 Apr 10 j 04:19	0°♉	
evening max el	-708 Apr 23 j 11:25	18°♉09'01	22°57'07
retrograde	-708 May 06 j 19:15	24°♉45'26	
desc. node	-708 May 07 j 05:13	24°♉45'03	
evening set	-708 May 10 j 04:49	24°♉20'09	
min. Earth dist.	-708 May 17 j 20:40	20°♉56'23	0.55566 AU
inferior conj	-708 May 19 j 09:56	20°♉02'33	-3°-12'-30
minimum elong	-708 May 19 j 02:53	20°♉12'45	3°10'38
morning rise	-708 May 28 j 03:53	16°♉08'20	
direct	-708 May 30 j 21:29	15°♉50'39	
morning max el	-708 Jun 10 j 19:45	20°♉54'50	20°38'23
	-708 Jun 18 j 06:20	0°♊	
asc. node	-708 Jun 24 j 01:15	9°♊46'11	
morning set	-708 Jun 29 j 19:00	21°♊03'02	
	-708 Jul 04 j 02:59	0°♋	
superior conj	-708 Jul 07 j 10:05	6°♋46'54	1°42'33
minimum elong	-708 Jul 07 j 08:27	6°♋38'33	1°42'27
max. Earth dist.	-708 Jul 12 j 03:19	16°♋12'27	1.36005 AU
evening rise	-708 Jul 16 j 06:38	24°♋05'43	
	-708 Jul 19 j 12:24	0°♌	
desc. node	-708 Aug 03 j 04:35	23°♌51'40	
	-708 Aug 07 j 11:56	0°♍	
evening max el	-708 Aug 20 j 22:14	16°♍05'30	26°14'42
retrograde	-708 Sep 02 j 13:44	23°♍15'10	
evening set	-708 Sep 08 j 22:31	20°♍36'11	
min. Earth dist.	-708 Sep 13 j 03:04	16°♍08'29	0.66384 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

inferior conj	-708 Sep 14 j 13:58	14°♍20'37	-1°-49'-9
minimum elong	-708 Sep 14 j 16:42	14°♍12'11	1°48'04
morning rise	-708 Sep 20 j 11:50	8°♍28'49	
asc. node	-708 Sep 20 j 00:28	8°♍46'26	
direct	-708 Sep 23 j 12:56	7°♍35'51	
morning max el	-708 Sep 30 j 08:57	11°♍24'44	18°50'50
	-708 Oct 13 j 18:21	0°♎	
morning set	-708 Oct 21 j 19:31	12°♎41'49	
desc. node	-708 Oct 30 j 03:53	25°♎52'06	
	-708 Nov 01 j 18:57	0°♏	
max. Earth dist.	-708 Nov 06 j 07:50	7°♏08'04	1.44930 AU
superior conj	-708 Nov 07 j 04:02	8°♏27'34	0°-50'-39
minimum elong	-708 Nov 06 j 21:41	8°♏02'33	0°49'52
	-708 Nov 20 j 17:20	0°♐	
evening rise	-708 Nov 22 j 18:22	3°♐17'23	
	-708 Dec 09 j 22:10	0°♑	
evening max el	-708 Dec 13 j 18:04	4°♑35'25	18°47'51
asc. node	-708 Dec 16 j 23:43	7°♑16'54	
retrograde	-708 Dec 20 j 12:10	8°♑23'40	
evening set	-708 Dec 23 j 14:40	7°♑28'35	
inferior conj	-708 Dec 29 j 10:02	1°♑44'43	3°24'20
minimum elong	-708 Dec 29 j 07:26	1°♑52'40	3°23'49
	-708 Dec 30 j 20:13	30°℞♐	
min. Earth dist.	-708 Dec 31 j 03:35	29°♐37'43	0.65206 AU
morning rise	-707 Jan 03 j 23:09	25°♐35'15	
direct	-707 Jan 10 j 14:35	22°♐44'40	
	-707 Jan 23 j 08:20	0°♑	
morning max el	-707 Jan 23 j 18:25	0°♑24'59	26°55'33
desc. node	-707 Jan 26 j 03:05	2°♑53'48	
	-707 Feb 14 j 19:00	0°♒	
morning set	-707 Feb 28 j 11:54	24°♒08'39	
	-707 Mar 03 j 11:53	0°♓	
max. Earth dist.	-707 Mar 04 j 23:54	3°♓00'18	1.34304 AU
superior conj	-707 Mar 08 j 22:19	11°♓05'06	0°-59'-50
minimum elong	-707 Mar 09 j 01:06	11°♓19'38	0°59'21
asc. node	-707 Mar 14 j 23:01	23°♓46'36	
evening rise	-707 Mar 16 j 10:15	26°♓50'45	
	-707 Mar 17 j 22:57	0°♈	
evening max el	-707 Apr 05 j 08:19	28°♈56'20	21°25'52
	-707 Apr 06 j 12:02	0°♉	
retrograde	-707 Apr 17 j 10:21	4°♉48'35	
evening set	-707 Apr 19 j 20:50	4°♉35'01	
desc. node	-707 Apr 24 j 02:15	3°♉14'19	
inferior conj	-707 Apr 29 j 05:24	0°♉34'29	-1°-27'-6
minimum elong	-707 Apr 29 j 01:20	0°♉40'11	1°25'42
min. Earth dist.	-707 Apr 29 j 09:43	0°♉28'25	0.55017 AU
	-707 Apr 30 j 06:01	30°℞♈	
morning rise	-707 May 08 j 06:11	26°♈34'39	
direct	-707 May 11 j 08:24	26°♈13'49	
	-707 May 21 j 07:23	0°♉	
morning max el	-707 May 23 j 21:31	2°♉10'53	22°08'08
asc. node	-707 Jun 10 j 22:18	29°♉14'52	
	-707 Jun 11 j 07:22	0°♊	
morning set	-707 Jun 14 j 04:50	5°♊54'42	
superior conj	-707 Jun 21 j 11:50	21°♊19'03	1°31'21
minimum elong	-707 Jun 21 j 09:28	21°♊06'33	1°31'07
max. Earth dist.	-707 Jun 24 j 19:15	28°♊11'46	1.34533 AU
	-707 Jun 25 j 16:28	0°♋	
evening rise	-707 Jun 29 j 13:03	7°♋39'47	
	-707 Jul 12 j 02:15	0°♌	
desc. node	-707 Jul 21 j 01:37	13°♌33'47	
evening max el	-707 Aug 03 j 09:59	29°♌35'01	27°02'26
	-707 Aug 03 j 20:29	0°♍	
retrograde	-707 Aug 16 j 15:42	6°♍54'01	
evening set	-707 Aug 23 j 12:26	4°♍08'36	
min. Earth dist.	-707 Aug 27 j 09:36	0°♍18'38	0.65283 AU
	-707 Aug 27 j 16:13	30°℞♌	
inferior conj	-707 Aug 29 j 09:14	28°♌02'31	-2°-42'-56
minimum elong	-707 Aug 29 j 13:10	27°♌51'16	2°41'36
morning rise	-707 Sep 04 j 15:23	22°♌24'23	
asc. node	-707 Sep 06 j 21:31	21°♌44'51	
direct	-707 Sep 07 j 09:12	21°♌43'33	
morning max el	-707 Sep 13 j 22:27	25°♌16'51	18°14'50
	-707 Sep 17 j 21:00	0°♍	
morning set	-707 Oct 02 j 14:20	23°♍15'09	
	-707 Oct 06 j 17:03	0°♎	
superior conj	-707 Oct 17 j 06:02	16°♎56'57	0°-1'-23
minimum elong	-707 Oct 17 j 05:51	16°♎56'14	0°01'23
behind sun begin	-707 Oct 16 j 18:51	16°♎12'39	
behind sun end	-707 Oct 17 j 16:50	17°♎39'46	
desc. node	-707 Oct 17 j 00:58	16°♎36'51	
max. Earth dist.	-707 Oct 20 j 02:26	21°♎27'17	1.44886 AU
	-707 Oct 25 j 13:06	0°♏	
evening rise	-707 Nov 02 j 19:09	12°♏52'46	
	-707 Nov 13 j 20:31	0°♐	
greatest brilliancy	-707 Nov 18 j 16:03	7°♐11'48	-0.7m
evening max el	-707 Nov 27 j 01:47	18°♐02'17	19°33'40
asc. node	-707 Dec 03 j 20:46	22°♐14'43	
retrograde	-707 Dec 04 j 08:52	22°♐16'09	
evening set	-707 Dec 07 j 18:28	21°♐08'30	
inferior conj	-707 Dec 13 j 08:48	15°♐09'51	2°51'33
minimum elong	-707 Dec 13 j 05:56	15°♐19'11	2°50'45
min. Earth dist.	-707 Dec 14 j 12:17	13°♐40'12	0.66347 AU
morning rise	-707 Dec 18 j 16:40	8°♐56'05	
direct	-707 Dec 24 j 19:44	6°♐14'16	
morning max el	-706 Jan 06 j 03:44	13°♐32'46	25°48'55
desc. node	-706 Jan 13 j 00:09	21°♐19'33	
	-706 Jan 19 j 13:06	0°♑	
	-706 Feb 07 j 12:48	0°♒	
morning set	-706 Feb 11 j 08:57	6°♒54'07	
max. Earth dist.	-706 Feb 15 j 06:32	14°♒13'09	1.35817 AU
superior conj	-706 Feb 20 j 16:51	24°♒54'06	-1°-24'-9
minimum elong	-706 Feb 20 j 20:27	25°♒12'16	1°23'39
	-706 Feb 23 j 05:06	0°♓	
evening rise	-706 Feb 28 j 16:33	11°♓14'16	
asc. node	-706 Mar 01 j 20:05	13°♓33'52	
	-706 Mar 10 j 17:25	0°♈	
evening max el	-706 Mar 18 j 15:43	10°♈16'13	20°08'11
retrograde	-706 Mar 29 j 01:18	15°♈15'08	
evening set	-706 Mar 31 j 04:36	15°♈03'25	
inferior conj	-706 Apr 09 j 02:42	11°♈04'29	0°31'33
minimum elong	-706 Apr 09 j 04:06	11°♈02'23	0°31'04
desc. node	-706 Apr 10 j 23:17	9°♈57'47	
min. Earth dist.	-706 Apr 10 j 23:50	9°♈56'59	0.55427 AU
morning rise	-706 Apr 18 j 00:54	6°♈40'25	
direct	-706 Apr 21 j 22:17	6°♈07'15	
morning max el	-706 May 05 j 15:04	12°♈53'09	23°47'58
	-706 May 18 j 16:42	0°♉	
asc. node	-706 May 28 j 19:21	19°♉02'17	
morning set	-706 May 29 j 16:31	20°♉52'47	
	-706 Jun 02 j 22:55	0°♊	
superior conj	-706 Jun 05 j 18:58	6°♊07'22	1°15'19
minimum elong	-706 Jun 05 j 16:27	5°♊53'51	1°14'57
max. Earth dist.	-706 Jun 07 j 20:34	10°♊32'52	1.33450 AU
evening rise	-706 Jun 13 j 07:03	21°♊48'47	
	-706 Jun 17 j 11:51	0°♋	
	-706 Jul 05 j 22:44	0°♌	
desc. node	-706 Jul 07 j 22:38	2°♌38'53	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening max el	-706 Jul 16 j 20:54	12°♌46'41	27°24'36	
retrograde	-706 Jul 30 j 11:54	20°♌07'19		
evening set	-706 Aug 06 j 15:42	17°♌26'27		
min. Earth dist.	-706 Aug 10 j 07:15	14°♌11'06	0.63814 AU	
inferior conj	-706 Aug 12 j 20:08	11°♌33'24	-3°-32'-15	
minimum elong	-706 Aug 13 j 00:43	11°♌21'30	3°31'03	
morning rise	-706 Aug 19 j 11:46	6°♌12'02		
direct	-706 Aug 22 j 00:49	5°♌39'55		
asc. node	-706 Aug 24 j 18:34	6°♌17'32		
morning max el	-706 Aug 28 j 13:59	9°♌05'57	17°56'09	
	-706 Sep 11 j 12:59	0°♍		
morning set	-706 Sep 14 j 11:30	5°♍04'20		
superior conj	-706 Sep 27 j 02:06	26°♍22'12	0°44'02	
minimum elong	-706 Sep 27 j 06:31	26°♍40'18	0°43'27	
	-706 Sep 29 j 07:30	0°♎		
max. Earth dist.	-706 Oct 02 j 19:22	5°♎37'29	1.44124 AU	
desc. node	-706 Oct 03 j 22:01	7°♎23'39		
evening rise	-706 Oct 13 j 03:42	21°♎50'30		
	-706 Oct 18 j 11:38	0°♏		
greatest brilliancy	-706 Nov 04 j 03:32	24°♏15'58	-0.5m	
	-706 Nov 08 j 18:48	0°♐		
evening max el	-706 Nov 10 j 04:24	1°♐30'31	20°34'09	
retrograde	-706 Nov 18 j 06:27	6°♐16'56		
asc. node	-706 Nov 20 j 17:47	5°♐42'02		
evening set	-706 Nov 22 j 01:14	4°♐54'32		
	-706 Nov 26 j 13:55	30°℞♏		
inferior conj	-706 Nov 27 j 12:21	28°♏44'23	2°10'41	
minimum elong	-706 Nov 27 j 09:48	28°♏53'04	2°09'46	
min. Earth dist.	-706 Nov 28 j 03:18	27°♏53'36	0.67113 AU	
morning rise	-706 Dec 02 j 17:52	22°♏28'43		
direct	-706 Dec 08 j 06:13	20°♏04'13		
morning max el	-706 Dec 19 j 12:05	26°♏46'40	24°26'49	
	-706 Dec 22 j 12:04	0°♐		
desc. node	-706 Dec 30 j 21:14	10°♐31'09		
	-705 Jan 13 j 04:15	0°♑		
morning set	-705 Jan 24 j 09:51	18°♑35'54		
max. Earth dist.	-705 Jan 28 j 03:39	25°♑15'23	1.37728 AU	
	-705 Jan 30 j 17:41	0°♒		
superior conj	-705 Feb 04 j 00:24	8°♒06'24	-1°-44'-26	
minimum elong	-705 Feb 04 j 04:00	8°♒23'44	1°44'07	
evening rise	-705 Feb 12 j 16:52	25°♒14'11		
	-705 Feb 15 j 03:02	0°♓		
asc. node	-705 Feb 16 j 17:07	3°♓03'13		
evening max el	-705 Mar 01 j 10:08	22°♓14'16	19°08'50	
retrograde	-705 Mar 10 j 04:29	26°♓26'52		
evening set	-705 Mar 12 j 10:14	26°♓11'34		
inferior conj	-705 Mar 20 j 14:42	21°♓59'46	2°11'05	
minimum elong	-705 Mar 20 j 19:04	21°♓52'18	2°09'50	
min. Earth dist.	-705 Mar 23 j 15:14	19°♓56'37	0.56707 AU	
morning rise	-705 Mar 28 j 23:50	17°♓03'35		
desc. node	-705 Mar 28 j 20:19	17°♓06'59		
direct	-705 Apr 03 j 00:21	16°♓04'44		
morning max el	-705 Apr 17 j 05:41	23°♓23'39	25°25'15	
	-705 Apr 23 j 04:06	0°♈		
	-705 May 11 j 08:13	0°♉		
morning set	-705 May 14 j 04:26	5°♉51'48		
asc. node	-705 May 15 j 16:25	9°♉02'41		
superior conj	-705 May 21 j 05:17	21°♉04'28	0°55'28	
minimum elong	-705 May 21 j 03:08	20°♉52'43	0°55'06	
max. Earth dist.	-705 May 22 j 05:13	23°♉15'01	1.32750 AU	
	-705 May 25 j 08:19	0°♊		
evening rise	-705 May 28 j 09:09	6°♊21'48		
	-705 Jun 10 j 01:24	0°♋		
desc. node	-705 Jun 24 j 19:37	20°♋51'35		
evening max el	-705 Jun 29 j 04:45	25°♋27'53	27°15'43	
	-705 Jul 04 j 20:39	0°♌		
retrograde	-705 Jul 13 j 01:23	2°♌46'02		
evening set	-705 Jul 20 j 04:27	0°♌23'14		
	-705 Jul 20 j 18:05	30°℞♋		
min. Earth dist.	-705 Jul 23 j 18:43	27°♋34'01	0.62015 AU	
inferior conj	-705 Jul 26 j 19:38	24°♋46'21	-4°-12'-44	
minimum elong	-705 Jul 26 j 23:45	24°♋36'50	4°12'01	
morning rise	-705 Aug 02 j 21:42	19°♋44'56		
direct	-705 Aug 05 j 08:35	19°♋18'44		
asc. node	-705 Aug 11 j 15:37	22°♋14'45		
morning max el	-705 Aug 12 j 04:42	22°♋45'37	17°55'44	
	-705 Aug 17 j 20:38	0°♌		
morning set	-705 Aug 28 j 05:12	17°♌52'22		
	-705 Sep 03 j 23:19	0°♍		
superior conj	-705 Sep 08 j 01:19	7°♍07'35	1°17'41	
minimum elong	-705 Sep 08 j 06:16	7°♍28'53	1°17'10	
max. Earth dist.	-705 Sep 15 j 08:20	19°♍22'34	1.42751 AU	
desc. node	-705 Sep 20 j 19:01	28°♍08'59		
	-705 Sep 21 j 23:07	0°♎		
evening rise	-705 Sep 22 j 12:40	0°♎53'13		
	-705 Oct 12 j 02:01	0°♏		
greatest brilliancy	-705 Oct 19 j 05:04	9°♏27'46	-0.4m	
evening max el	-705 Oct 24 j 01:12	14°♏58'52	21°46'06	
retrograde	-705 Nov 02 j 02:57	20°♏22'29		
evening set	-705 Nov 06 j 09:04	18°♏43'10		
asc. node	-705 Nov 07 j 14:50	17°♏36'22		
inferior conj	-705 Nov 11 j 18:33	12°♏24'56	1°23'44	
minimum elong	-705 Nov 11 j 16:44	12°♏31'13	1°23'00	
min. Earth dist.	-705 Nov 11 j 22:15	12°♏12'09	0.67530 AU	
morning rise	-705 Nov 17 j 00:09	6°♏09'44		
direct	-705 Nov 21 j 21:09	4°♏07'01		
morning max el	-705 Dec 01 j 21:36	10°♏04'17	22°59'13	
greatest brilliancy	-705 Dec 06 j 16:42	15°♏26'23	-0.3m	
desc. node	-705 Dec 17 j 18:16	0°♐14'46		
	-705 Dec 17 j 14:08	0°♐		
morning set	-704 Jan 05 j 08:17	28°♐57'15		
	-704 Jan 05 j 23:23	0°♑		
max. Earth dist.	-704 Jan 09 j 23:04	6°♑45'13	1.39844 AU	
superior conj	-704 Jan 17 j 16:34	20°♑29'52	-1°-57'-44	
minimum elong	-704 Jan 17 j 18:41	20°♑39'34	1°57'40	
	-704 Jan 22 j 18:43	0°♒		
evening rise	-704 Jan 27 j 08:18	8°♒42'41		
asc. node	-704 Feb 03 j 14:09	22°♒07'44		
	-704 Feb 08 j 13:33	0°♓		
evening max el	-704 Feb 12 j 13:21	4°♓44'37	18°29'23	
retrograde	-704 Feb 20 j 02:28	8°♓26'45		
evening set	-704 Feb 22 j 12:44	8°♓04'59		
inferior conj	-704 Feb 29 j 23:19	3°♓32'56	3°15'46	
minimum elong	-704 Mar 01 j 03:04	3°♓25'26	3°15'03	
min. Earth dist.	-704 Mar 04 j 09:30	0°♓50'09	0.58567 AU	
	-704 Mar 05 j 12:54	30°℞♒		
morning rise	-704 Mar 08 j 13:37	28°♒08'14		
direct	-704 Mar 14 j 15:26	26°♒33'22		
desc. node	-704 Mar 14 j 17:22	26°♒33'23		
	-704 Mar 24 j 00:03	0°♓		
morning max el	-704 Mar 28 j 23:18	4°♓10'34	26°44'47	
	-704 Apr 16 j 19:06	0°♈		
morning set	-704 Apr 27 j 14:56	20°♈45'35		
asc. node	-704 May 01 j 13:28	29°♈10'40		
	-704 May 01 j 22:32	0°♉		
superior conj	-704 May 04 j 16:56	6°♉03'39	0°32'43	
minimum elong	-704 May 04 j 15:32	5°♉55'58	0°32'26	
max. Earth dist.	-704 May 04 j 17:44	6°♉08'03	1.32409 AU	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening rise	-704 May 11 j 16:35	21°♉09'19	
	-704 May 16 j 01:12	0°♊	
	-704 Jun 03 j 14:05	0°♋	
evening max el	-704 Jun 10 j 06:53	7°♋27'11	26°33'47
desc. node	-704 Jun 10 j 16:36	7°♋50'05	
retrograde	-704 Jun 24 j 06:57	14°♋42'20	
evening set	-704 Jun 30 j 22:11	12°♋50'32	
min. Earth dist.	-704 Jul 04 j 20:07	10°♋12'59	0.59991 AU
inferior conj	-704 Jul 08 j 04:13	7°♋32'27	-4°-37'-26
minimum elong	-704 Jul 08 j 06:06	7°♋28'38	4°37'19
morning rise	-704 Jul 15 j 17:19	2°♋53'38	
direct	-704 Jul 18 j 04:18	2°♋31'22	
morning max el	-704 Jul 25 j 15:43	6°♋08'45	18°14'47
asc. node	-704 Jul 28 j 12:41	9°♋21'38	
	-704 Aug 09 j 20:03	0°♌	
morning set	-704 Aug 10 j 13:57	1°♌24'36	
superior conj	-704 Aug 20 j 02:06	19°♌09'26	1°38'04
minimum elong	-704 Aug 20 j 05:15	19°♌23'43	1°37'51
	-704 Aug 26 j 05:08	0°♍	
max. Earth dist.	-704 Aug 27 j 16:05	2°♍29'38	1.40941 AU
evening rise	-704 Sep 01 j 15:02	10°♍45'32	
desc. node	-704 Sep 06 j 16:00	18°♍49'49	
	-704 Sep 13 j 23:30	0°♎	
greatest brilliancy	-704 Sep 30 j 05:03	22°♎18'32	-0.2m
evening max el	-704 Oct 05 j 16:47	28°♎28'37	23°04'55
	-704 Oct 07 j 06:50	0°♏	
retrograde	-704 Oct 15 j 21:00	4°♏30'29	
evening set	-704 Oct 20 j 16:18	2°♏32'51	
	-704 Oct 23 j 03:51	30°℞♎	
asc. node	-704 Oct 24 j 11:52	28°♎18'26	
inferior conj	-704 Oct 26 j 01:36	26°♎10'08	0°32'26
minimum elong	-704 Oct 26 j 00:50	26°♎12'45	0°32'06
min. Earth dist.	-704 Oct 25 j 18:47	26°♎33'35	0.67623 AU
morning rise	-704 Oct 31 j 09:24	19°♎57'49	
direct	-704 Nov 04 j 15:42	18°♎17'46	
morning max el	-704 Nov 13 j 11:56	23°♎29'32	21°34'52
greatest brilliancy	-704 Nov 18 j 12:16	29°♎13'01	-0.4m
	-704 Nov 19 j 03:14	0°♏	
desc. node	-704 Dec 03 j 15:18	20°♏21'28	
	-704 Dec 09 j 23:53	0°♐	
morning set	-704 Dec 15 j 01:45	7°♐56'18	
max. Earth dist.	-704 Dec 21 j 23:49	19°♐07'58	1.41873 AU
	-704 Dec 28 j 10:17	0°♑	
superior conj	-704 Dec 29 j 12:04	1°♑51'36	-2°00'-4
minimum elong	-704 Dec 29 j 10:42	1°♑45'39	2°00'05
evening rise	-703 Jan 09 j 11:26	21°♑32'21	
	-703 Jan 14 j 03:09	0°♒	
asc. node	-703 Jan 20 j 11:10	10°♒39'48	
evening max el	-703 Jan 25 j 22:30	17°♒39'34	18°09'58
retrograde	-703 Feb 01 j 18:06	21°♒07'13	
evening set	-703 Feb 04 j 08:27	20°♒37'35	
inferior conj	-703 Feb 11 j 04:03	15°♒43'48	3°46'50
minimum elong	-703 Feb 11 j 05:33	15°♒40'19	3°46'43
min. Earth dist.	-703 Feb 14 j 09:50	12°♒44'48	0.60648 AU
morning rise	-703 Feb 17 j 23:43	9°♒58'52	
direct	-703 Feb 24 j 18:00	7°♒47'21	
desc. node	-703 Mar 01 j 14:26	8°♒49'35	
morning max el	-703 Mar 10 j 23:12	15°♒34'42	27°33'44
	-703 Mar 22 j 17:41	0°♓	
	-703 Apr 09 j 05:28	0°♈	
morning set	-703 Apr 11 j 22:12	5°♈27'52	
asc. node	-703 Apr 18 j 10:29	19°♈21'51	
max. Earth dist.	-703 Apr 18 j 06:16	18°♈58'47	1.32428 AU
superior conj	-703 Apr 19 j 04:17	20°♈59'10	0°07'51
minimum elong	-703 Apr 19 j 03:56	20°♈57'12	0°07'46
behind sun begin	-703 Apr 18 j 23:30	20°♈33'00	
behind sun end	-703 Apr 19 j 08:21	21°♈21'25	
	-703 Apr 23 j 07:17	0°♉	
evening rise	-703 Apr 26 j 03:10	6°♉03'37	
	-703 May 08 j 19:17	0°♊	
evening max el	-703 May 23 j 02:03	18°♊41'03	25°22'24
desc. node	-703 May 28 j 13:38	23°♊03'55	
retrograde	-703 Jun 06 j 02:59	25°♊51'16	
evening set	-703 Jun 11 j 17:17	24°♊38'03	
min. Earth dist.	-703 Jun 16 j 13:55	21°♊53'53	0.57963 AU
inferior conj	-703 Jun 19 j 18:19	19°♊41'14	-4°-35'-59
minimum elong	-703 Jun 19 j 16:06	19°♊45'08	4°35'50
morning rise	-703 Jun 27 j 18:49	15°♊25'05	
direct	-703 Jun 30 j 07:18	15°♊05'39	
morning max el	-703 Jul 08 j 20:01	19°♊05'50	18°54'17
asc. node	-703 Jul 15 j 09:44	27°♊22'42	
	-703 Jul 17 j 00:52	0°♋	
morning set	-703 Jul 25 j 09:23	15°♋28'41	
	-703 Aug 01 j 19:25	0°♌	
superior conj	-703 Aug 02 j 22:47	2°♌11'12	1°46'49
minimum elong	-703 Aug 02 j 23:41	2°♌15'30	1°46'48
max. Earth dist.	-703 Aug 09 j 19:17	14°♌51'58	1.38936 AU
evening rise	-703 Aug 13 j 18:11	21°♌47'56	
	-703 Aug 18 j 15:37	0°♍	
desc. node	-703 Aug 24 j 13:00	9°♍21'44	
	-703 Sep 07 j 22:54	0°♎	
evening max el	-703 Sep 18 j 04:58	12°♎00'48	24°24'45
retrograde	-703 Sep 29 j 11:29	18°♎36'56	
evening set	-703 Oct 04 j 21:13	16°♎21'04	
min. Earth dist.	-703 Oct 09 j 14:32	10°♎55'31	0.67398 AU
inferior conj	-703 Oct 10 j 07:44	9°♎57'47	0°-21'-44
minimum elong	-703 Oct 10 j 08:16	9°♎56'01	0°21'31
asc. node	-703 Oct 11 j 08:56	8°♎34'01	
morning rise	-703 Oct 15 j 19:39	3°♎50'59	
direct	-703 Oct 19 j 12:52	2°♎31'49	
morning max el	-703 Oct 27 j 09:26	7°♎04'25	20°20'07
greatest brilliancy	-703 Nov 03 j 00:02	15°♎01'18	-0.6m
	-703 Nov 13 j 10:17	0°♏	
desc. node	-703 Nov 20 j 12:20	10°♏44'18	
morning set	-703 Nov 23 j 23:54	16°♏06'08	
	-703 Dec 02 j 20:15	0°♐	
max. Earth dist.	-703 Dec 04 j 07:44	2°♐22'04	1.43532 AU
superior conj	-703 Dec 10 j 05:47	12°♐00'07	-1°-47'-1
minimum elong	-703 Dec 09 j 23:45	11°♐35'14	1°46'38
	-703 Dec 20 j 20:43	0°♑	
evening rise	-703 Dec 22 j 22:05	3°♑34'28	
asc. node	-702 Jan 07 j 08:12	28°♑29'28	
	-702 Jan 08 j 15:10	0°♒	
evening max el	-702 Jan 09 j 10:37	0°♒51'09	18°10'10
retrograde	-702 Jan 15 j 23:02	4°♒17'56	
evening set	-702 Jan 18 j 17:23	3°♒39'29	
	-702 Jan 23 j 12:22	30°℞♑	
inferior conj	-702 Jan 25 j 01:21	28°♑24'53	3°51'58
minimum elong	-702 Jan 25 j 00:40	28°♑26'40	3°51'56
min. Earth dist.	-702 Jan 27 j 18:53	25°♑33'15	0.62648 AU
morning rise	-702 Jan 31 j 05:55	22°♑27'10	
direct	-702 Feb 07 j 06:02	19°♑48'34	
desc. node	-702 Feb 16 j 11:30	23°♑32'42	
morning max el	-702 Feb 21 j 04:50	27°♑40'02	27°46'09
	-702 Feb 23 j 10:38	0°♒	
	-702 Mar 16 j 10:00	0°♓	
morning set	-702 Mar 27 j 00:07	19°♓51'32	
	-702 Mar 31 j 21:18	0°♈	
max. Earth dist.	-702 Apr 01 j 14:47	1°♈33'19	1.32823 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-702 Apr 03 j 13:40	5°♈45'31	0°-18'-20
minimum elong	-702 Apr 03 j 14:32	5°♈50'11	0°18'10
asc. node	-702 Apr 05 j 07:32	9°♈32'27	
evening rise	-702 Apr 10 j 14:58	20°♈58'16	
	-702 Apr 15 j 00:49	0°♉	
evening max el	-702 May 04 j 16:58	29°♉23'37	23°52'04
	-702 May 05 j 08:25	0°♊	
desc. node	-702 May 15 j 10:40	5°♊57'04	
retrograde	-702 May 18 j 11:25	6°♊18'03	
evening set	-702 May 22 j 15:35	5°♊39'29	
min. Earth dist.	-702 May 29 j 04:01	2°♊33'15	0.56257 AU
inferior conj	-702 May 31 j 12:18	1°♊07'14	-3°-56'-3
minimum elong	-702 May 31 j 06:01	1°♊16'53	3°54'49
	-702 Jun 02 j 08:57	30°℞♉	
morning rise	-702 Jun 09 j 00:11	27°♉08'07	
direct	-702 Jun 11 j 15:05	26°♉50'29	
	-702 Jun 19 j 21:28	0°♊	
morning max el	-702 Jun 21 j 14:56	1°♊27'59	19°54'36
asc. node	-702 Jul 02 j 06:48	16°♊05'38	
morning set	-702 Jul 09 j 12:17	29°♊56'26	
	-702 Jul 09 j 13:00	0°♋	
superior conj	-702 Jul 17 j 09:59	15°♋57'27	1°46'15
minimum elong	-702 Jul 17 j 09:04	15°♋52'55	1°46'14
max. Earth dist.	-702 Jul 22 j 22:57	26°♋44'10	1.37003 AU
	-702 Jul 24 j 16:46	0°♌	
evening rise	-702 Jul 26 j 21:02	3°♌59'17	
desc. node	-702 Aug 11 j 10:01	29°♌39'44	
	-702 Aug 11 j 15:25	0°♍	
evening max el	-702 Aug 31 j 16:18	25°♍36'22	25°38'22
	-702 Sep 05 j 21:38	0°♎	
retrograde	-702 Sep 12 j 21:34	2°♎37'18	
evening set	-702 Sep 18 j 22:03	0°♎05'36	
	-702 Sep 19 j 00:38	30°℞♍	
min. Earth dist.	-702 Sep 23 j 07:07	25°♍16'01	0.66848 AU
inferior conj	-702 Sep 24 j 11:14	23°♍45'53	-1°-17'-14
minimum elong	-702 Sep 24 j 13:10	23°♍39'41	1°16'27
asc. node	-702 Sep 28 j 06:01	19°♍21'27	
morning rise	-702 Sep 30 j 05:00	17°♍47'30	
direct	-702 Oct 03 j 11:15	16°♍46'01	
morning max el	-702 Oct 10 j 14:23	20°♍48'24	19°18'55
	-702 Oct 17 j 22:09	0°♎	
greatest brilliancy	-702 Oct 20 j 15:21	3°♎56'43	-0.7m
morning set	-702 Nov 03 j 02:11	24°♎36'07	
	-702 Nov 06 j 13:15	0°♏	
desc. node	-702 Nov 07 j 09:21	1°♏18'29	
max. Earth dist.	-702 Nov 16 j 22:00	16°♏15'33	1.44619 AU
superior conj	-702 Nov 19 j 21:25	20°♏58'30	-1°-15'-49
minimum elong	-702 Nov 19 j 13:23	20°♏26'34	1°14'58
	-702 Nov 25 j 12:36	0°♐	
evening rise	-702 Dec 04 j 11:51	14°♐40'54	
	-702 Dec 13 j 18:46	0°♑	
evening max el	-702 Dec 23 j 22:57	14°♑12'23	18°29'03
asc. node	-702 Dec 25 j 05:16	15°♑24'00	
retrograde	-702 Dec 30 j 12:44	17°♑49'41	
evening set	-701 Jan 02 j 11:55	17°♑01'08	
inferior conj	-701 Jan 08 j 11:11	11°♑27'29	3°38'25
minimum elong	-701 Jan 08 j 09:03	11°♑33'41	3°38'07
min. Earth dist.	-701 Jan 10 j 13:36	9°♑00'55	0.64380 AU
morning rise	-701 Jan 14 j 04:50	5°♑21'35	
direct	-701 Jan 21 j 01:34	2°♑30'54	
desc. node	-701 Feb 03 j 08:34	10°♑05'32	
morning max el	-701 Feb 03 j 13:40	10°♑18'11	27°22'51
	-701 Feb 19 j 02:52	0°♒	
	-701 Mar 08 j 19:07	0°♓	
morning set	-701 Mar 10 j 17:51	3°♓46'09	

max. Earth dist.	-701 Mar 15 j 15:18	13°♓38'08	1.33635 AU
superior conj	-701 Mar 18 j 19:06	20°♓15'14	0°-44'-53
minimum elong	-701 Mar 18 j 21:14	20°♓26'29	0°44'28
asc. node	-701 Mar 23 j 04:34	29°♓37'28	
	-701 Mar 23 j 08:48	0°♈	
evening rise	-701 Mar 26 j 02:07	5°♈45'44	
	-701 Apr 08 j 06:45	0°♉	
evening max el	-701 Apr 16 j 09:54	10°♉01'12	22°17'13
retrograde	-701 Apr 29 j 07:05	16°♉20'25	
evening set	-701 May 02 j 04:41	16°♉01'54	
desc. node	-701 May 02 j 07:43	16°♉00'17	
min. Earth dist.	-701 May 10 j 17:04	12°♉21'59	0.55219 AU
inferior conj	-701 May 11 j 13:14	11°♉53'29	-2°-31'-35
minimum elong	-701 May 11 j 06:49	12°♉02'33	2°29'36
morning rise	-701 May 20 j 10:49	7°♉58'49	
direct	-701 May 23 j 07:08	7°♉40'27	
morning max el	-701 Jun 03 j 22:42	13°♉07'22	21°14'40
	-701 Jun 16 j 06:34	0°♊	
asc. node	-701 Jun 19 j 03:51	5°♊19'38	
morning set	-701 Jun 23 j 20:09	14°♊40'33	
superior conj	-701 Jul 01 j 07:20	0°♋15'03	1°38'27
minimum elong	-701 Jul 01 j 05:18	0°♋04'32	1°38'19
	-701 Jul 01 j 04:25	0°♋	
max. Earth dist.	-701 Jul 05 j 09:32	8°♋34'36	1.35335 AU
evening rise	-701 Jul 09 j 18:48	17°♋06'44	
	-701 Jul 16 j 21:46	0°♌	
desc. node	-701 Jul 29 j 07:03	19°♌37'06	
	-701 Aug 05 j 23:21	0°♍	
evening max el	-701 Aug 14 j 04:09	9°♍11'07	26°37'51
retrograde	-701 Aug 27 j 02:32	16°♍25'40	
evening set	-701 Sep 02 j 16:39	13°♍43'12	
min. Earth dist.	-701 Sep 06 j 18:04	9°♍31'21	0.65955 AU
inferior conj	-701 Sep 08 j 10:09	7°♍31'12	-2°-12'-18
minimum elong	-701 Sep 08 j 13:25	7°♍21'21	2°11'05
morning rise	-701 Sep 14 j 11:19	1°♍44'30	
asc. node	-701 Sep 15 j 03:04	1°♍25'33	
direct	-701 Sep 17 j 09:02	0°♍57'02	
morning max el	-701 Sep 24 j 01:21	4°♍38'25	18°33'26
	-701 Oct 11 j 11:34	0°♎	
morning set	-701 Oct 14 j 04:30	4°♎20'57	
desc. node	-701 Oct 25 j 06:23	22°♎00'20	
superior conj	-701 Oct 29 j 22:11	29°♎20'57	0°-30'-4
minimum elong	-701 Oct 29 j 18:13	29°♎05'21	0°29'34
	-701 Oct 30 j 08:07	0°♏	
max. Earth dist.	-701 Oct 30 j 16:20	0°♏32'21	1.45003 AU
evening rise	-701 Nov 15 j 01:52	24°♏48'28	
	-701 Nov 18 j 08:24	0°♐	
evening max el	-701 Dec 07 j 09:03	27°♐38'49	19°05'25
	-701 Dec 10 j 01:09	0°♑	
asc. node	-701 Dec 12 j 02:19	1°♑09'11	
retrograde	-701 Dec 14 j 07:43	1°♑36'31	
evening set	-701 Dec 17 j 13:05	0°♑36'15	
	-701 Dec 18 j 09:52	30°℞♐	
inferior conj	-701 Dec 23 j 06:05	24°♐45'53	3°11'34
minimum elong	-701 Dec 23 j 03:17	24°♐54'40	3°10'55
min. Earth dist.	-701 Dec 24 j 17:29	22°♐54'25	0.65745 AU
morning rise	-701 Dec 28 j 16:37	18°♐34'35	
direct	-700 Jan 04 j 03:23	15°♐46'20	
morning max el	-700 Jan 16 j 23:14	23°♐18'21	26°29'41
desc. node	-700 Jan 21 j 05:37	27°♐57'04	
	-700 Jan 22 j 22:47	0°♑	
	-700 Feb 12 j 10:34	0°♒	
morning set	-700 Feb 21 j 23:46	17°♒00'40	
max. Earth dist.	-700 Feb 26 j 04:48	25°♒08'22	1.34900 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-700 Feb 28 j 15:08	0°♓	
superior conj	-700 Mar 01 j 18:25	4°♓21'34	-1°-10'-29
minimum elong	-700 Mar 01 j 21:37	4°♓38'01	1°09'58
evening rise	-700 Mar 09 j 10:48	20°♓20'05	
asc. node	-700 Mar 09 j 01:37	19°♓32'42	
	-700 Mar 14 j 06:44	0°♈	
evening max el	-700 Mar 28 j 11:01	21°♈00'44	20°50'41
retrograde	-700 Apr 08 j 20:01	26°♈29'42	
evening set	-700 Apr 11 j 02:00	26°♈17'41	
desc. node	-700 Apr 18 j 04:46	23°♈31'14	
inferior conj	-700 Apr 20 j 07:33	22°♈20'04	0°-36'-14
minimum elong	-700 Apr 20 j 05:50	22°♈22'31	0°35'37
min. Earth dist.	-700 Apr 21 j 06:15	21°♈47'44	0.55084 AU
morning rise	-700 Apr 29 j 08:39	18°♈12'03	
direct	-700 May 02 j 18:01	17°♈47'13	
morning max el	-700 May 15 j 20:13	24°♈05'52	22°49'58
	-700 May 21 j 04:14	0°♉	
asc. node	-700 Jun 05 j 00:54	24°♉56'46	
morning set	-700 Jun 07 j 06:56	29°♉35'12	
	-700 Jun 07 j 11:40	0°♊	
superior conj	-700 Jun 14 j 11:36	14°♊54'15	1°25'03
minimum elong	-700 Jun 14 j 09:06	14°♊40'57	1°24'45
max. Earth dist.	-700 Jun 17 j 05:49	20°♊43'18	1.34029 AU
	-700 Jun 21 j 19:08	0°♋	
evening rise	-700 Jun 22 j 06:35	0°♋56'33	
	-700 Jul 08 j 21:23	0°♌	
desc. node	-700 Jul 15 j 04:05	9°♌04'35	
evening max el	-700 Jul 26 j 15:54	22°♌34'34	27°15'28
retrograde	-700 Aug 09 j 01:48	29°♌54'05	
evening set	-700 Aug 16 j 02:24	27°♌09'17	
min. Earth dist.	-700 Aug 19 j 20:58	23°♌34'42	0.64701 AU
inferior conj	-700 Aug 22 j 02:09	21°♌08'40	-3°-4'-39
minimum elong	-700 Aug 22 j 06:27	20°♌56'49	3°03'19
morning rise	-700 Aug 28 j 12:10	15°♌37'09	
direct	-700 Aug 31 j 03:46	15°♌00'16	
asc. node	-700 Sep 01 j 00:07	15°♌04'04	
morning max el	-700 Sep 06 j 15:59	18°♌29'12	18°04'45
	-700 Sep 15 j 03:14	0°♍	
morning set	-700 Sep 24 j 11:07	15°♍28'18	
	-700 Oct 03 j 05:13	0°♎	
superior conj	-700 Oct 08 j 05:41	8°♎07'35	0°19'00
minimum elong	-700 Oct 08 j 07:57	8°♎16'39	0°18'42
desc. node	-700 Oct 11 j 03:25	12°♎45'56	
max. Earth dist.	-700 Oct 12 j 11:07	14°♎51'39	1.44645 AU
	-700 Oct 22 j 03:12	0°♏	
evening rise	-700 Oct 24 j 18:15	4°♏04'02	
	-700 Nov 10 j 21:56	0°♐	
greatest brilliancy	-700 Nov 12 j 09:50	2°♐06'57	-0.6m
evening max el	-700 Nov 19 j 14:46	11°♐06'22	19°57'43
retrograde	-700 Nov 27 j 05:04	15°♐33'04	
asc. node	-700 Nov 27 j 23:22	15°♐29'45	
evening set	-700 Nov 30 j 18:24	14°♐19'12	
inferior conj	-700 Dec 06 j 07:09	8°♐15'07	2°35'03
minimum elong	-700 Dec 06 j 04:21	8°♐24'24	2°34'11
min. Earth dist.	-700 Dec 07 j 05:01	7°♐02'21	0.66720 AU
morning rise	-700 Dec 11 j 13:43	2°♐00'28	
	-700 Dec 14 j 14:56	30°℞♏	
direct	-700 Dec 17 j 10:40	29°♏25'30	
	-700 Dec 20 j 11:02	0°♐	
morning max el	-700 Dec 29 j 08:05	6°♐29'30	25°15'21
desc. node	-699 Jan 07 j 02:39	16°♐43'57	
	-699 Jan 16 j 14:55	0°♑	
morning set	-699 Feb 03 j 13:00	29°♑20'50	
	-699 Feb 03 j 21:41	0°♒	
max. Earth dist.	-699 Feb 07 j 07:07	6°♒14'23	1.36598 AU
superior conj	-699 Feb 13 j 08:43	17°♒56'03	-1°-33'-24
minimum elong	-699 Feb 13 j 12:27	18°♒14'33	1°32'57
	-699 Feb 19 j 08:36	0°♓	
evening rise	-699 Feb 21 j 14:52	4°♓34'36	
asc. node	-699 Feb 23 j 22:40	9°♓13'10	
	-699 Mar 08 j 12:53	0°♈	
evening max el	-699 Mar 10 j 23:08	2°♈36'27	19°40'25
retrograde	-699 Mar 20 j 15:10	7°♈14'26	
evening set	-699 Mar 22 j 18:55	7°♈01'38	
inferior conj	-699 Mar 31 j 09:50	2°♈58'05	1°17'36
minimum elong	-699 Mar 31 j 12:59	2°♈53'07	1°16'34
min. Earth dist.	-699 Apr 02 j 20:32	1°♈25'55	0.55882 AU
desc. node	-699 Apr 05 j 01:47	0°♈08'17	
	-699 Apr 05 j 07:56	30°℞♓	
morning rise	-699 Apr 09 j 03:38	28°♓20'46	
direct	-699 Apr 13 j 11:55	27°♓38'37	
	-699 Apr 21 j 10:43	0°♈	
morning max el	-699 Apr 27 j 11:48	4°♈40'00	24°30'40
	-699 May 15 j 10:20	0°♉	
morning set	-699 May 22 j 18:57	14°♉34'56	
asc. node	-699 May 22 j 21:56	14°♉50'42	
superior conj	-699 May 29 j 20:20	29°♉47'29	1°07'18
minimum elong	-699 May 29 j 17:55	29°♉34'24	1°06'55
	-699 May 29 j 22:39	0°♊	
max. Earth dist.	-699 May 31 j 10:47	3°♊15'11	1.33105 AU
evening rise	-699 Jun 06 j 04:25	15°♊17'08	
	-699 Jun 13 j 20:13	0°♋	
desc. node	-699 Jul 02 j 01:05	27°♋49'56	
	-699 Jul 03 j 20:14	0°♌	
evening max el	-699 Jul 09 j 01:42	5°♌34'40	27°24'47
retrograde	-699 Jul 22 j 19:09	12°♌54'26	
evening set	-699 Jul 30 j 00:00	10°♌19'13	
min. Earth dist.	-699 Aug 02 j 14:07	7°♌16'46	0.63086 AU
inferior conj	-699 Aug 05 j 08:35	4°♌32'57	-3°-50'-53
minimum elong	-699 Aug 05 j 13:09	4°♌21'39	3°49'50
	-699 Aug 10 j 19:25	30°℞♋	
morning rise	-699 Aug 12 j 04:36	29°♋19'59	
direct	-699 Aug 14 j 16:29	28°♋50'39	
	-699 Aug 18 j 11:48	0°♌	
asc. node	-699 Aug 18 j 21:09	0°♌14'42	
morning max el	-699 Aug 21 j 07:35	2°♌15'40	17°53'46
morning set	-699 Sep 06 j 17:45	27°♌44'35	
	-699 Sep 08 j 00:30	0°♍	
superior conj	-699 Sep 18 j 13:03	18°♍06'27	0°59'57
minimum elong	-699 Sep 18 j 18:07	18°♍27'39	0°59'20
max. Earth dist.	-699 Sep 25 j 02:50	28°♍53'54	1.43603 AU
	-699 Sep 25 j 19:15	0°♎	
desc. node	-699 Sep 28 j 00:26	3°♎32'26	
evening rise	-699 Oct 04 j 00:37	12°♎57'38	
	-699 Oct 15 j 06:24	0°♏	
greatest brilliancy	-699 Oct 28 j 04:57	18°♏13'35	-0.5m
evening max el	-699 Nov 02 j 14:49	24°♏33'57	21°03'30
retrograde	-699 Nov 11 j 02:31	29°♏36'11	
asc. node	-699 Nov 14 j 20:24	28°♏16'46	
evening set	-699 Nov 15 j 01:51	28°♏06'43	
inferior conj	-699 Nov 20 j 12:04	21°♏52'24	1°51'23
minimum elong	-699 Nov 20 j 09:47	22°♏00'15	1°50'32
min. Earth dist.	-699 Nov 20 j 22:02	21°♏18'12	0.67328 AU
morning rise	-699 Nov 25 j 17:20	15°♏36'33	
direct	-699 Nov 30 j 23:01	13°♏21'15	
morning max el	-699 Dec 11 j 16:47	19°♏45'31	23°49'42
	-699 Dec 20 j 09:52	0°♐	
desc. node	-699 Dec 24 j 23:42	6°♐10'16	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-698 Jan 09 j 19:32	0°♉	
morning set	-698 Jan 16 j 03:24	10°♉30'24	
max. Earth dist.	-698 Jan 20 j 02:41	17°♉24'45	1.38617 AU
	-698 Jan 26 j 23:57	0°♒	
superior conj	-698 Jan 27 j 10:18	0°♒48'52	-1°-51'-8
minimum elong	-698 Jan 27 j 13:30	1°♒03'56	1°50'57
evening rise	-698 Feb 05 j 11:48	18°♒22'16	
asc. node	-698 Feb 10 j 19:43	28°♒33'01	
	-698 Feb 11 j 14:49	0°♓	
evening max el	-698 Feb 21 j 21:34	14°♓49'04	18°49'33
retrograde	-698 Mar 02 j 02:19	18°♓47'04	
evening set	-698 Mar 04 j 09:46	18°♓29'24	
inferior conj	-698 Mar 12 j 06:25	14°♓09'30	2°42'59
minimum elong	-698 Mar 12 j 10:52	14°♓01'22	2°41'52
min. Earth dist.	-698 Mar 15 j 13:06	11°♓46'45	0.57442 AU
morning rise	-698 Mar 20 j 07:47	8°♓59'49	
desc. node	-698 Mar 22 j 22:50	8°♓06'41	
direct	-698 Mar 25 j 19:33	7°♓46'32	
morning max el	-698 Apr 09 j 03:21	15°♓15'27	26°02'11
	-698 Apr 20 j 23:46	0°♈	
morning set	-698 May 07 j 06:29	29°♈32'53	
	-698 May 07 j 11:38	0°♉	
asc. node	-698 May 09 j 18:59	4°♉55'08	
superior conj	-698 May 14 j 07:27	14°♉46'40	0°46'09
minimum elong	-698 May 14 j 05:35	14°♉36'24	0°45'47
max. Earth dist.	-698 May 14 j 21:26	16°♉03'10	1.32556 AU
evening rise	-698 May 21 j 09:04	29°♉57'27	
	-698 May 21 j 09:33	0°♊	
	-698 Jun 06 j 23:37	0°♋	
desc. node	-698 Jun 18 j 22:05	15°♋34'30	
evening max el	-698 Jun 21 j 07:09	17°♋58'22	27°01'47
retrograde	-698 Jul 05 j 05:41	25°♋16'13	
evening set	-698 Jul 12 j 05:14	23°♋04'52	
min. Earth dist.	-698 Jul 15 j 21:08	20°♋22'49	0.61169 AU
inferior conj	-698 Jul 19 j 02:09	17°♋35'27	-4°-25'-43
minimum elong	-698 Jul 19 j 05:35	17°♋27'57	4°25'16
morning rise	-698 Jul 26 j 08:54	12°♋43'43	
direct	-698 Jul 28 j 19:28	12°♋19'32	
morning max el	-698 Aug 04 j 21:09	15°♋49'40	18°01'26
asc. node	-698 Aug 05 j 18:12	16°♋43'26	
	-698 Aug 14 j 18:30	0°♌	
morning set	-698 Aug 20 j 18:25	10°♌52'35	
superior conj	-698 Aug 30 j 23:43	29°♌25'57	1°27'54
minimum elong	-698 Aug 31 j 04:03	29°♌45'02	1°27'30
	-698 Aug 31 j 07:27	0°♍	
max. Earth dist.	-698 Sep 07 j 13:01	12°♍21'41	1.42015 AU
evening rise	-698 Sep 13 j 15:14	22°♍16'25	
desc. node	-698 Sep 14 j 21:27	24°♍16'13	
	-698 Sep 18 j 13:31	0°♎	
	-698 Oct 09 j 11:30	0°♏	
greatest brilliancy	-698 Oct 11 j 15:35	2°♏42'45	-0.3m
evening max el	-698 Oct 16 j 09:07	8°♏02'11	22°19'10
retrograde	-698 Oct 25 j 22:15	13°♏42'55	
evening set	-698 Oct 30 j 09:39	11°♏56'04	
asc. node	-698 Nov 01 j 17:26	9°♏36'25	
inferior conj	-698 Nov 04 j 18:52	5°♏35'19	1°02'26
minimum elong	-698 Nov 04 j 17:28	5°♏40'11	1°01'51
min. Earth dist.	-698 Nov 04 j 18:04	5°♏38'04	0.67600 AU
	-698 Nov 09 j 07:34	30°℞♎	
morning rise	-698 Nov 10 j 01:07	29°♎20'46	
direct	-698 Nov 14 j 15:40	27°♎27'43	
	-698 Nov 20 j 16:50	0°♏	
morning max el	-698 Nov 24 j 03:56	3°♏05'56	22°22'30
greatest brilliancy	-698 Nov 28 j 19:21	8°♏18'51	-0.3m
desc. node	-698 Dec 11 j 20:45	26°♏04'42	
	-698 Dec 14 j 12:35	0°♐	
morning set	-698 Dec 27 j 13:26	20°♐16'16	
max. Earth dist.	-697 Jan 01 j 23:11	29°♐13'27	1.40725 AU
	-697 Jan 02 j 10:12	0°♑	
superior conj	-697 Jan 09 j 18:25	12°♑48'13	-2°00'-20
minimum elong	-697 Jan 09 j 19:19	12°♑52'11	2°00'21
	-697 Jan 19 j 02:09	0°♒	
evening rise	-697 Jan 19 j 22:31	1°♒35'39	
asc. node	-697 Jan 28 j 16:45	17°♒25'25	
evening max el	-697 Feb 05 j 03:48	27°♒32'04	18°18'47
	-697 Feb 08 j 08:48	0°♓	
retrograde	-697 Feb 12 j 08:08	1°♓06'01	
evening set	-697 Feb 14 j 20:10	0°♓41'06	
	-697 Feb 16 j 11:19	30°℞♒	
inferior conj	-697 Feb 22 j 00:01	26°♒00'13	3°32'34
minimum elong	-697 Feb 22 j 02:53	25°♒54'06	3°32'11
min. Earth dist.	-697 Feb 25 j 09:53	23°♒07'12	0.59442 AU
morning rise	-697 Mar 01 j 06:05	20°♒25'52	
direct	-697 Mar 07 j 16:22	18°♒34'25	
desc. node	-697 Mar 09 j 19:53	18°♒46'30	
morning max el	-697 Mar 21 j 23:28	26°♒17'20	27°09'44
	-697 Mar 25 j 11:27	0°♓	
	-697 Apr 14 j 08:46	0°♈	
morning set	-697 Apr 21 j 15:51	14°♈23'04	
asc. node	-697 Apr 26 j 16:03	25°♈05'32	
superior conj	-697 Apr 28 j 19:14	29°♈45'46	0°22'25
minimum elong	-697 Apr 28 j 18:15	29°♈40'21	0°22'12
max. Earth dist.	-697 Apr 28 j 10:16	28°♈56'35	1.32374 AU
	-697 Apr 28 j 21:50	0°♉	
evening rise	-697 May 05 j 18:08	14°♉49'19	
	-697 May 13 j 09:59	0°♊	
evening max el	-697 Jun 03 j 06:24	29°♊38'33	26°06'33
	-697 Jun 03 j 15:29	0°♋	
desc. node	-697 Jun 05 j 19:06	1°♋52'59	
retrograde	-697 Jun 17 j 07:43	6°♋52'17	
evening set	-697 Jun 23 j 13:37	5°♋16'51	
min. Earth dist.	-697 Jun 27 j 19:14	2°♋38'17	0.59114 AU
inferior conj	-697 Jul 01 j 03:17	0°♋07'08	-4°-40'-45
minimum elong	-697 Jul 01 j 03:37	0°♋06'31	4°40'45
	-697 Jul 01 j 07:02	30°℞♊	
morning rise	-697 Jul 08 j 21:11	25°♊37'56	
direct	-697 Jul 11 j 08:33	25°♊17'03	
morning max el	-697 Jul 19 j 05:40	29°♊02'57	18°28'57
	-697 Jul 20 j 04:27	0°♋	
asc. node	-697 Jul 23 j 15:16	4°♋15'06	
morning set	-697 Aug 04 j 08:10	24°♋39'30	
	-697 Aug 07 j 02:45	0°♌	
superior conj	-697 Aug 13 j 09:38	11°♌54'53	1°43'04
minimum elong	-697 Aug 13 j 11:49	12°♌04'59	1°42'57
max. Earth dist.	-697 Aug 20 j 18:07	25°♌07'46	1.40098 AU
	-697 Aug 23 j 14:18	0°♍	
evening rise	-697 Aug 25 j 03:53	2°♍37'47	
desc. node	-697 Sep 01 j 18:27	14°♍53'50	
	-697 Sep 11 j 20:57	0°♎	
evening max el	-697 Sep 28 j 23:04	21°♎33'05	23°39'21
retrograde	-697 Oct 09 j 14:49	27°♎50'15	
evening set	-697 Oct 14 j 16:05	25°♎45'00	
min. Earth dist.	-697 Oct 19 j 14:38	19°♎59'40	0.67561 AU
asc. node	-697 Oct 19 j 14:29	20°♎00'08	
inferior conj	-697 Oct 20 j 01:44	19°♎21'44	0°09'43
minimum elong	-697 Oct 20 j 01:30	19°♎22'32	0°09'37
transit middle	-697 Oct 20 j 01:30	19°♎22'32	0°09'37
transit begin	-697 Oct 19 j 23:19	19°♎30'01	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

transit end	-697 Oct 20 j 03:42	19°♎15'03		
morning rise	-697 Oct 25 j 11:02	13°♎11'14		
direct	-697 Oct 29 j 11:37	11°♎40'09		
morning max el	-697 Nov 06 j 20:57	16°♎34'13	21°01'35	
greatest brilliancy	-697 Nov 12 j 10:41	23°♎03'30	-0.5m	
	-697 Nov 17 j 14:16	0°♏		
desc. node	-697 Nov 28 j 17:45	16°♏18'48		
morning set	-697 Dec 06 j 20:23	28°♏46'43		
	-697 Dec 07 j 15:05	0°♐		
max. Earth dist.	-697 Dec 15 j 02:46	11°♐58'18	1.42634 AU	
superior conj	-697 Dec 22 j 03:28	23°♐39'56	-1°-56'-42	
minimum elong	-697 Dec 22 j 00:07	23°♐25'42	1°56'34	
	-697 Dec 25 j 19:59	0°♑		
evening rise	-696 Jan 02 j 19:08	14°♑05'43		
	-696 Jan 11 j 21:05	0°♒		
asc. node	-696 Jan 15 j 13:49	5°♒40'54		
evening max el	-696 Jan 19 j 14:39	10°♒35'24	18°07'47	
retrograde	-696 Jan 26 j 05:51	14°♒00'47		
evening set	-696 Jan 28 j 22:00	13°♒27'22		
inferior conj	-696 Feb 04 j 12:15	8°♒24'38	3°51'41	
minimum elong	-696 Feb 04 j 12:46	8°♒23'22	3°51'40	
min. Earth dist.	-696 Feb 07 j 13:30	5°♒26'18	0.61525 AU	
morning rise	-696 Feb 11 j 01:03	2°♒33'55		
direct	-696 Feb 17 j 23:15	0°♒09'13		
desc. node	-696 Feb 24 j 16:57	2°♒09'22		
morning max el	-696 Mar 03 j 01:46	7°♒58'23	27°43'30	
	-696 Mar 19 j 22:14	0°♓		
morning set	-696 Apr 04 j 21:08	28°♓58'16		
	-696 Apr 05 j 09:09	0°♈		
max. Earth dist.	-696 Apr 10 j 21:36	11°♈42'13	1.32555 AU	
superior conj	-696 Apr 12 j 05:59	14°♈38'14	0°-3'-9	
minimum elong	-696 Apr 12 j 06:07	14°♈39'01	0°03'07	
behind sun begin	-696 Apr 12 j 01:07	14°♈11'43		
behind sun end	-696 Apr 12 j 11:08	15°♈06'20		
asc. node	-696 Apr 12 j 13:07	15°♈17'08		
evening rise	-696 Apr 19 j 05:29	29°♈44'55		
	-696 Apr 19 j 08:20	0°♉		
	-696 May 06 j 02:11	0°♊		
evening max el	-696 May 14 j 23:28	10°♊37'34	24°45'28	
desc. node	-696 May 22 j 16:08	16°♊11'58		
retrograde	-696 May 28 j 22:44	17°♊42'01		
evening set	-696 Jun 02 j 23:06	16°♊45'00		
min. Earth dist.	-696 Jun 08 j 11:02	13°♊53'02	0.57185 AU	
inferior conj	-696 Jun 11 j 08:54	11°♊58'41	-4°-24'-24	
minimum elong	-696 Jun 11 j 04:44	12°♊05'33	4°23'54	
morning rise	-696 Jun 19 j 14:14	7°♊50'29		
direct	-696 Jun 22 j 03:47	7°♊31'50		
morning max el	-696 Jul 01 j 06:11	11°♊46'07	19°17'20	
asc. node	-696 Jul 09 j 12:20	22°♊35'39		
	-696 Jul 13 j 16:51	0°♋		
morning set	-696 Jul 18 j 07:11	8°♋55'19		
superior conj	-696 Jul 26 j 13:08	25°♋17'41	1°47'34	
minimum elong	-696 Jul 26 j 13:11	25°♋17'58	1°47'35	
	-696 Jul 28 j 23:45	0°♌		
max. Earth dist.	-696 Aug 01 j 21:20	7°♌17'11	1.38098 AU	
evening rise	-696 Aug 05 j 17:40	14°♌11'20		
	-696 Aug 15 j 04:59	0°♍		
desc. node	-696 Aug 18 j 15:28	5°♍21'04		
	-696 Sep 05 j 16:48	0°♎		
evening max el	-696 Sep 10 j 10:51	5°♎07'59	24°57'20	
retrograde	-696 Sep 22 j 03:21	11°♎55'08		
evening set	-696 Sep 27 j 19:29	9°♎32'10		
min. Earth dist.	-696 Oct 02 j 09:16	4°♎21'47	0.67208 AU	
inferior conj	-696 Oct 03 j 06:59	3°♎10'11	0°-45'-11	
minimum elong	-696 Oct 03 j 08:06	3°♎06'31	0°44'44	
asc. node	-696 Oct 05 j 11:32	0°♎22'52		
	-696 Oct 05 j 19:18	30°℞♍		
morning rise	-696 Oct 08 j 21:11	27°♍06'42		
direct	-696 Oct 12 j 09:34	25°♍55'20		
	-696 Oct 19 j 16:21	0°♎		
morning max el	-696 Oct 19 j 21:42	0°♎13'26	19°52'18	
greatest brilliancy	-696 Oct 27 j 13:05	9°♎41'42	-0.6m	
	-696 Nov 10 j 04:59	0°♏		
morning set	-696 Nov 14 j 17:09	6°♏56'21		
desc. node	-696 Nov 14 j 14:48	6°♏47'17		
max. Earth dist.	-696 Nov 26 j 14:17	25°♏33'36	1.44079 AU	
	-696 Nov 29 j 08:51	0°♐		
superior conj	-696 Dec 01 j 09:35	3°♐16'44	-1°-36'00	
minimum elong	-696 Dec 01 j 02:04	2°♐46'15	1°35'22	
evening rise	-696 Dec 14 j 21:23	25°♐45'00		
	-696 Dec 17 j 09:10	0°♑		
asc. node	-695 Jan 01 j 10:51	23°♑08'35		
evening max el	-695 Jan 02 j 03:10	23°♑51'28	18°15'56	
retrograde	-695 Jan 08 j 15:05	27°♑21'22		
evening set	-695 Jan 11 j 11:26	26°♑38'38		
inferior conj	-695 Jan 17 j 15:19	21°♑15'22	3°48'08	
minimum elong	-695 Jan 17 j 13:56	21°♑19'12	3°48'01	
min. Earth dist.	-695 Jan 20 j 02:24	18°♑33'03	0.63427 AU	
morning rise	-695 Jan 23 j 14:45	15°♑13'49		
direct	-695 Jan 30 j 14:20	12°♑28'35		
desc. node	-695 Feb 10 j 14:00	17°♑43'09		
morning max el	-695 Feb 13 j 09:07	20°♑18'40	27°40'26	
	-695 Feb 21 j 17:51	0°♒		
	-695 Mar 12 j 22:01	0°♓		
morning set	-695 Mar 19 j 19:57	13°♓10'33		
max. Earth dist.	-695 Mar 25 j 03:23	24°♓06'12	1.33120 AU	
superior conj	-695 Mar 27 j 13:55	29°♓18'02	0°-29'-37	
minimum elong	-695 Mar 27 j 15:19	29°♓25'35	0°29'20	
	-695 Mar 27 j 21:43	0°♈		
asc. node	-695 Mar 30 j 10:10	5°♈25'51		
evening rise	-695 Apr 03 j 17:14	14°♈37'21		
	-695 Apr 11 j 11:48	0°♉		
evening max el	-695 Apr 26 j 14:16	21°♉13'53	23°11'20	
desc. node	-695 May 09 j 13:11	27°♉55'15		
retrograde	-695 May 10 j 01:18	27°♉55'50		
evening set	-695 May 13 j 15:31	27°♉27'32		
min. Earth dist.	-695 May 21 j 00:03	24°♉08'44	0.55720 AU	
inferior conj	-695 May 22 j 18:48	23°♉06'13	-3°-25'-27	
minimum elong	-695 May 22 j 11:47	23°♉16'31	3°23'41	
morning rise	-695 May 31 j 11:16	19°♉11'22		
direct	-695 Jun 03 j 04:02	18°♉53'49		
morning max el	-695 Jun 13 j 20:25	23°♉50'34	20°26'27	
	-695 Jun 19 j 05:15	0°♊		
asc. node	-695 Jun 26 j 09:24	11°♊33'05		
morning set	-695 Jul 02 j 12:29	23°♊31'17		
	-695 Jul 05 j 16:07	0°♋		
superior conj	-695 Jul 10 j 05:07	9°♋19'06	1°43'44	
minimum elong	-695 Jul 10 j 03:39	9°♋11'39	1°43'40	
max. Earth dist.	-695 Jul 15 j 03:34	19°♋06'45	1.36252 AU	
evening rise	-695 Jul 19 j 05:10	26°♋48'15		
	-695 Jul 20 j 23:09	0°♌		
desc. node	-695 Aug 05 j 12:30	25°♌31'40		
	-695 Aug 08 j 14:35	0°♍		
evening max el	-695 Aug 23 j 22:12	18°♍43'50	26°05'45	
retrograde	-695 Sep 05 j 11:14	25°♍51'45		
evening set	-695 Sep 11 j 17:56	23°♍14'21		
min. Earth dist.	-695 Sep 15 j 23:36	18°♍41'01	0.66517 AU	
inferior conj	-695 Sep 17 j 08:45	16°♍57'32	-1°-40'-45	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-695 Sep 17 j 11:16	16°♍49'40	1°39'45
asc. node	-695 Sep 22 j 08:35	11°♍38'59	
morning rise	-695 Sep 23 j 05:31	11°♍04'01	
direct	-695 Sep 26 j 07:51	10°♍09'02	
morning max el	-695 Oct 03 j 05:32	14°♍01'07	18°57'36
	-695 Oct 15 j 00:07	0°♎	
morning set	-695 Oct 25 j 04:07	15°♎54'33	
desc. node	-695 Nov 01 j 11:50	27°♎25'22	
	-695 Nov 03 j 03:14	0°♏	
max. Earth dist.	-695 Nov 09 j 06:48	9°♏39'52	1.44873 AU
superior conj	-695 Nov 10 j 16:35	11°♏52'55	0°-57'-37
minimum elong	-695 Nov 10 j 09:35	11°♏25'19	0°56'49
	-695 Nov 22 j 01:37	0°♐	
evening rise	-695 Nov 26 j 01:13	6°♐26'38	
	-695 Dec 10 j 21:22	0°♑	
evening max el	-695 Dec 16 j 14:43	7°♑14'48	18°42'26
asc. node	-695 Dec 19 j 07:52	9°♑35'18	
retrograde	-695 Dec 23 j 07:32	11°♑00'06	
evening set	-695 Dec 26 j 09:05	10°♑06'48	
inferior conj	-694 Jan 01 j 05:23	4°♑25'29	3°28'26
minimum elong	-694 Jan 01 j 02:53	4°♑33'02	3°27'58
min. Earth dist.	-694 Jan 03 j 01:14	2°♑13'04	0.65000 AU
	-694 Jan 05 j 00:28	30°℞♐	
morning rise	-694 Jan 06 j 19:33	28°♐16'46	
direct	-694 Jan 13 j 12:29	25°♐25'40	
	-694 Jan 23 j 08:38	0°♑	
morning max el	-694 Jan 26 j 18:48	3°♑08'33	27°03'34
desc. node	-694 Jan 28 j 11:04	4°♑52'52	
	-694 Feb 16 j 01:33	0°♒	
morning set	-694 Mar 03 j 09:13	26°♒50'17	
	-694 Mar 05 j 00:11	0°♓	
max. Earth dist.	-694 Mar 07 j 23:42	5°♓57'33	1.34110 AU
superior conj	-694 Mar 11 j 17:03	13°♓38'56	0°-55'-57
minimum elong	-694 Mar 11 j 19:40	13°♓52'39	0°55'28
asc. node	-694 Mar 17 j 07:13	25°♓27'36	
evening rise	-694 Mar 19 j 03:35	29°♓20'25	
	-694 Mar 19 j 11:12	0°♈	
	-694 Apr 06 j 12:08	0°♉	
evening max el	-694 Apr 08 j 09:57	1°♉58'17	21°38'52
retrograde	-694 Apr 20 j 17:33	7°♉58'10	
evening set	-694 Apr 23 j 06:17	7°♉43'43	
desc. node	-694 Apr 26 j 10:14	6°♉48'32	
inferior conj	-694 May 02 j 15:20	3°♉41'35	-1°-44'-51
minimum elong	-694 May 02 j 10:31	3°♉48'20	1°43'12
min. Earth dist.	-694 May 02 j 13:10	3°♉44'37	0.55036 AU
	-694 May 10 j 13:39	30°℞♈	
morning rise	-694 May 11 j 15:32	29°♈43'42	
direct	-694 May 14 j 15:50	29°♈23'46	
	-694 May 18 j 15:00	0°♉	
morning max el	-694 May 26 j 23:46	5°♉13'12	21°53'47
	-694 Jun 12 j 18:31	0°♊	
asc. node	-694 Jun 13 j 06:28	0°♊58'26	
morning set	-694 Jun 16 j 21:49	8°♊21'15	
superior conj	-694 Jun 24 j 05:48	23°♊47'58	1°33'24
minimum elong	-694 Jun 24 j 03:30	23°♊35'53	1°33'10
	-694 Jun 27 j 05:37	0°♋	
max. Earth dist.	-694 Jun 27 j 17:55	1°♋02'49	1.34731 AU
evening rise	-694 Jul 02 j 09:28	10°♋15'57	
	-694 Jul 13 j 10:04	0°♌	
desc. node	-694 Jul 23 j 09:31	15°♌18'01	
	-694 Aug 04 j 04:33	0°♍	
evening max el	-694 Aug 06 j 09:57	2°♍14'45	26°56'46
retrograde	-694 Aug 19 j 14:02	9°♍33'04	
evening set	-694 Aug 26 j 09:08	6°♍48'06	
min. Earth dist.	-694 Aug 30 j 07:21	2°♍52'27	0.65470 AU
inferior conj	-694 Sep 01 j 05:01	0°♍40'15	-2°-35'-1
minimum elong	-694 Sep 01 j 08:47	0°♍29'18	2°33'42
	-694 Sep 01 j 18:58	30°℞♌	
morning rise	-694 Sep 07 j 09:50	24°♌59'46	
asc. node	-694 Sep 09 j 05:38	24°♌22'25	
direct	-694 Sep 10 j 04:31	24°♌17'24	
morning max el	-694 Sep 16 j 18:25	27°♌52'39	18°19'03
	-694 Sep 18 j 16:24	0°♍	
morning set	-694 Oct 05 j 18:34	26°♍15'01	
	-694 Oct 08 j 01:41	0°♎	
desc. node	-694 Oct 19 j 08:51	18°♎09'20	
superior conj	-694 Oct 20 j 17:27	20°♎18'21	0°-8'-52
minimum elong	-694 Oct 20 j 16:18	20°♎13'46	0°08'44
behind sun begin	-694 Oct 20 j 06:48	19°♎36'13	
behind sun end	-694 Oct 21 j 01:47	20°♎51'17	
max. Earth dist.	-694 Oct 23 j 01:13	23°♎58'15	1.44938 AU
	-694 Oct 26 j 21:20	0°♏	
evening rise	-694 Nov 06 j 05:12	16°♏09'41	
	-694 Nov 15 j 02:09	0°♐	
greatest brilliancy	-694 Nov 21 j 00:36	9°♐00'57	-0.7m
evening max el	-694 Nov 29 j 23:05	20°♐41'43	19°25'53
asc. node	-694 Dec 06 j 04:53	24°♐46'01	
retrograde	-694 Dec 07 j 03:50	24°♐51'09	
evening set	-694 Dec 10 j 12:14	23°♐45'33	
inferior conj	-694 Dec 16 j 03:12	17°♐49'03	2°57'06
minimum elong	-694 Dec 16 j 00:21	17°♐58'18	2°56'19
min. Earth dist.	-694 Dec 17 j 08:44	16°♐13'33	0.66202 AU
morning rise	-694 Dec 21 j 11:39	11°♐35'49	
direct	-694 Dec 27 j 16:52	8°♐51'54	
morning max el	-693 Jan 09 j 04:08	16°♐14'35	26°00'04
desc. node	-693 Jan 15 j 08:06	23°♐10'19	
	-693 Jan 20 j 14:35	0°♑	
	-693 Feb 08 j 22:32	0°♒	
morning set	-693 Feb 14 j 08:41	9°♒43'38	
max. Earth dist.	-693 Feb 18 j 07:52	17°♒13'32	1.35562 AU
superior conj	-693 Feb 23 j 12:53	27°♒32'36	-1°-20'-40
minimum elong	-693 Feb 23 j 16:24	27°♒50'26	1°20'10
	-693 Feb 24 j 17:52	0°♓	
evening rise	-693 Mar 03 j 10:32	13°♓46'42	
asc. node	-693 Mar 04 j 04:15	15°♓17'01	
	-693 Mar 11 j 22:00	0°♈	
evening max el	-693 Mar 21 j 15:41	13°♈12'35	20°18'41
retrograde	-693 Apr 01 j 07:24	18°♈19'02	
evening set	-693 Apr 03 j 10:59	18°♈07'27	
inferior conj	-693 Apr 12 j 11:20	14°♈09'31	0°14'10
minimum elong	-693 Apr 12 j 11:59	14°♈08'34	0°13'56
transit middle	-693 Apr 12 j 11:59	14°♈08'34	0°13'56
transit begin	-693 Apr 12 j 10:02	14°♈11'26	
transit end	-693 Apr 12 j 13:55	14°♈05'42	
desc. node	-693 Apr 13 j 07:16	13°♈40'05	
min. Earth dist.	-693 Apr 14 j 03:05	13°♈11'00	0.55307 AU
morning rise	-693 Apr 21 j 10:38	9°♈49'58	
direct	-693 Apr 25 j 04:38	9°♈19'18	
morning max el	-693 May 08 j 18:06	15°♈58'44	23°32'50
	-693 May 19 j 20:37	0°♉	
asc. node	-693 May 31 j 03:31	20°♉43'24	
morning set	-693 Jun 01 j 09:19	23°♉18'32	
	-693 Jun 04 j 12:47	0°♊	
superior conj	-693 Jun 08 j 12:15	8°♊34'07	1°18'01
minimum elong	-693 Jun 08 j 09:43	8°♊20'34	1°17'39
max. Earth dist.	-693 Jun 10 j 17:58	13°♊20'37	1.33590 AU
evening rise	-693 Jun 16 j 01:58	24°♊20'26	
	-693 Jun 18 j 23:18	0°♋	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-693 Jul 06 j 23:28	0°♌	
desc. node	-693 Jul 10 j 06:32	4°♌29'37	
evening max el	-693 Jul 19 j 21:12	15°♌30'20	27°23'12
retrograde	-693 Aug 02 j 11:04	22°♌50'43	
evening set	-693 Aug 09 j 14:12	20°♌08'33	
min. Earth dist.	-693 Aug 13 j 06:29	16°♌48'17	0.64056 AU
inferior conj	-693 Aug 15 j 17:20	14°♌13'24	-3°-25'-19
minimum elong	-693 Aug 15 j 21:53	14°♌01'25	3°24'02
morning rise	-693 Aug 22 j 07:29	8°♌49'10	
direct	-693 Aug 24 j 21:06	8°♌15'55	
asc. node	-693 Aug 27 j 02:41	8°♌41'19	
morning max el	-693 Aug 31 j 09:47	11°♌42'30	17°57'44
	-693 Sep 12 j 21:19	0°♍	
morning set	-693 Sep 17 j 12:11	7°♍54'14	
superior conj	-693 Sep 30 j 09:51	29°♍32'38	0°37'49
minimum elong	-693 Sep 30 j 13:51	29°♍48'54	0°37'17
	-693 Sep 30 j 16:35	0°♎	
max. Earth dist.	-693 Oct 05 j 18:42	8°♎11'32	1.44281 AU
desc. node	-693 Oct 06 j 05:52	8°♎55'59	
evening rise	-693 Oct 16 j 15:19	25°♎11'03	
	-693 Oct 19 j 18:35	0°♏	
greatest brilliancy	-693 Nov 06 j 19:31	26°♏32'50	-0.5m
	-693 Nov 09 j 11:21	0°♐	
evening max el	-693 Nov 13 j 02:34	4°♐10'10	20°24'20
retrograde	-693 Nov 21 j 01:22	8°♐51'09	
asc. node	-693 Nov 23 j 01:55	8°♐27'46	
evening set	-693 Nov 24 j 18:41	7°♐31'01	
inferior conj	-693 Nov 30 j 06:11	1°♐22'25	2°17'16
minimum elong	-693 Nov 30 j 03:33	1°♐31'19	2°16'23
min. Earth dist.	-693 Nov 30 j 22:53	0°♐25'57	0.67025 AU
	-693 Dec 01 j 06:37	30°♑	
morning rise	-693 Dec 05 j 11:53	25°♏07'03	
direct	-693 Dec 11 j 02:33	22°♏39'35	
morning max el	-693 Dec 22 j 12:28	29°♏27'44	24°39'37
	-693 Dec 23 j 01:07	0°♐	
desc. node	-692 Jan 02 j 05:08	12°♐15'57	
	-692 Jan 14 j 11:03	0°♑	
morning set	-692 Jan 27 j 12:56	21°♑35'45	
max. Earth dist.	-692 Jan 31 j 06:04	28°♑15'28	1.37430 AU
	-692 Feb 01 j 04:51	0°♒	
superior conj	-692 Feb 06 j 22:17	10°♒51'00	-1°-41'-44
minimum elong	-692 Feb 07 j 01:57	11°♒08'51	1°41'24
evening rise	-692 Feb 15 j 11:52	27°♒50'32	
	-692 Feb 16 j 13:58	0°♓	
asc. node	-692 Feb 19 j 01:16	4°♓49'21	
evening max el	-692 Mar 03 j 08:29	25°♓04'41	19°16'22
retrograde	-692 Mar 12 j 08:03	29°♓23'16	
evening set	-692 Mar 14 j 13:16	29°♓08'40	
inferior conj	-692 Mar 22 j 20:28	24°♓59'14	1°58'09
minimum elong	-692 Mar 23 j 00:38	24°♓52'15	1°56'53
min. Earth dist.	-692 Mar 25 j 18:01	23°♓03'43	0.56475 AU
desc. node	-692 Mar 30 j 04:18	20°♓36'00	
morning rise	-692 Mar 31 j 08:06	20°♓07'59	
direct	-692 Apr 05 j 04:27	19°♓13'52	
morning max el	-692 Apr 19 j 08:37	26°♓28'28	25°11'37
	-692 Apr 22 j 17:17	0°♈	
	-692 May 11 j 19:52	0°♉	
morning set	-692 May 15 j 21:18	8°♉17'42	
asc. node	-692 May 17 j 00:34	10°♉42'05	
superior conj	-692 May 22 j 22:12	23°♉30'10	0°58'42
minimum elong	-692 May 22 j 19:58	23°♉17'59	0°58'18
max. Earth dist.	-692 May 24 j 01:48	26°♉00'22	1.32830 AU
	-692 May 25 j 22:10	0°♊	
evening rise	-692 May 30 j 03:02	8°♊50'24	

	-692 Jun 10 j 08:44	0°♋	
desc. node	-692 Jun 26 j 03:34	22°♋51'40	
evening max el	-692 Jul 01 j 05:43	28°♋17'08	27°19'09
	-692 Jul 03 j 03:13	0°♌	
retrograde	-692 Jul 15 j 01:29	5°♌35'26	
evening set	-692 Jul 22 j 05:23	3°♌09'02	
min. Earth dist.	-692 Jul 25 j 19:24	0°♌16'51	0.62301 AU
	-692 Jul 26 j 02:49	30°♑	
inferior conj	-692 Jul 28 j 18:45	27°♋29'46	-4°-7'-30
minimum elong	-692 Jul 28 j 23:02	27°♋19'40	4°06'41
morning rise	-692 Aug 04 j 19:13	22°♋25'13	
direct	-692 Aug 07 j 06:20	21°♋58'13	
asc. node	-692 Aug 12 j 23:45	24°♋26'54	
morning max el	-692 Aug 14 j 00:50	25°♋24'15	17°54'37
	-692 Aug 17 j 21:04	0°♌	
morning set	-692 Aug 30 j 03:15	20°♌34'59	
	-692 Sep 04 j 09:39	0°♍	
superior conj	-692 Sep 10 j 05:01	10°♍06'14	1°13'28
minimum elong	-692 Sep 10 j 10:05	10°♍27'54	1°12'54
max. Earth dist.	-692 Sep 17 j 08:42	22°♍02'42	1.42990 AU
desc. node	-692 Sep 22 j 02:52	29°♍41'50	
	-692 Sep 22 j 07:27	0°♎	
evening rise	-692 Sep 24 j 23:03	4°♎10'11	
	-692 Oct 12 j 05:08	0°♏	
greatest brilliancy	-692 Oct 21 j 01:27	11°♏57'39	-0.4m
evening max el	-692 Oct 26 j 00:14	17°♏38'27	21°34'46
retrograde	-692 Nov 03 j 22:10	22°♏56'19	
evening set	-692 Nov 08 j 02:30	21°♏19'32	
asc. node	-692 Nov 08 j 22:58	20°♏35'37	
inferior conj	-692 Nov 13 j 12:07	15°♏02'11	1°31'08
minimum elong	-692 Nov 13 j 10:10	15°♏08'55	1°30'23
min. Earth dist.	-692 Nov 13 j 17:23	14°♏44'01	0.67492 AU
morning rise	-692 Nov 18 j 17:34	8°♏46'50	
direct	-692 Nov 23 j 16:48	6°♏40'54	
morning max el	-692 Dec 03 j 21:42	12°♏45'01	23°12'14
greatest brilliancy	-692 Dec 08 j 22:49	18°♏24'41	-0.3m
	-692 Dec 17 j 17:31	0°♐	
desc. node	-692 Dec 19 j 02:09	1°♐55'15	
	-691 Jan 06 j 08:23	0°♑	
morning set	-691 Jan 07 j 15:39	2°♑09'53	
max. Earth dist.	-691 Jan 12 j 01:28	9°♑40'08	1.39529 AU
superior conj	-691 Jan 19 j 17:03	23°♑22'32	-1°-56'-20
minimum elong	-691 Jan 19 j 19:31	23°♑33'54	1°56'15
	-691 Jan 23 j 05:58	0°♒	
evening rise	-691 Jan 29 j 04:51	11°♒24'27	
asc. node	-691 Feb 04 j 22:18	23°♒58'18	
	-691 Feb 08 j 13:14	0°♓	
evening max el	-691 Feb 14 j 10:33	7°♓30'46	18°33'57
retrograde	-691 Feb 22 j 03:22	11°♓16'36	
evening set	-691 Feb 24 j 12:53	10°♓55'57	
inferior conj	-691 Mar 04 j 01:59	6°♓26'59	3°08'15
minimum elong	-691 Mar 04 j 05:59	6°♓19'10	3°07'27
min. Earth dist.	-691 Mar 07 j 11:41	3°♓48'43	0.58263 AU
morning rise	-691 Mar 11 j 19:10	1°♓05'53	
	-691 Mar 14 j 17:14	30°♒	
desc. node	-691 Mar 17 j 01:20	29°♒38'00	
direct	-691 Mar 17 j 17:32	29°♒36'50	
	-691 Mar 20 j 18:47	0°♓	
morning max el	-691 Apr 01 j 01:39	7°♓12'08	26°34'46
	-691 Apr 18 j 01:42	0°♈	
morning set	-691 Apr 30 j 08:10	23°♈13'15	
asc. node	-691 May 03 j 21:38	0°♉49'38	
	-691 May 03 j 12:28	0°♉	
superior conj	-691 May 07 j 09:48	8°♉29'55	0°36'21

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-691 May 07 j 08:16	8°♉21'29	0°36'02
max. Earth dist.	-691 May 07 j 14:04	8°♉53'17	1.32433 AU
evening rise	-691 May 14 j 09:51	23°♉36'41	
	-691 May 17 j 12:50	0°♊	
	-691 Jun 04 j 09:38	0°♋	
desc. node	-691 Jun 13 j 00:35	10°♋03'35	
evening max el	-691 Jun 13 j 08:46	10°♋23'14	26°42'03
retrograde	-691 Jun 27 j 08:23	17°♋39'08	
evening set	-691 Jul 04 j 02:17	15°♋41'47	
min. Earth dist.	-691 Jul 07 j 22:09	13°♋03'48	0.60299 AU
inferior conj	-691 Jul 11 j 05:48	10°♋20'48	-4°-35'-8
minimum elong	-691 Jul 11 j 08:10	10°♋15'56	4°34'57
morning rise	-691 Jul 18 j 17:15	5°♋38'41	
direct	-691 Jul 21 j 04:05	5°♋15'57	
morning max el	-691 Jul 28 j 12:40	8°♋50'59	18°10'44
asc. node	-691 Jul 30 j 20:50	11°♋24'37	
	-691 Aug 11 j 06:28	0°♌	
morning set	-691 Aug 13 j 10:06	4°♌01'47	
superior conj	-691 Aug 23 j 02:23	21°♌58'15	1°35'46
minimum elong	-691 Aug 23 j 05:52	22°♌13'55	1°35'30
	-691 Aug 27 j 15:23	0°♍	
max. Earth dist.	-691 Aug 30 j 17:11	5°♍16'07	1.41230 AU
evening rise	-691 Sep 04 j 22:06	13°♍53'21	
desc. node	-691 Sep 08 j 23:54	20°♍23'55	
	-691 Sep 15 j 05:42	0°♎	
greatest brilliancy	-691 Oct 03 j 13:59	25°♎24'37	-0.3m
	-691 Oct 07 j 14:16	0°♏	
evening max el	-691 Oct 08 j 16:26	1°♏07'43	22°52'54
retrograde	-691 Oct 18 j 16:44	7°♏04'20	
evening set	-691 Oct 23 j 09:57	5°♏09'25	
asc. node	-691 Oct 26 j 20:02	1°♏26'28	
	-691 Oct 27 j 21:57	30°℞♎	
inferior conj	-691 Oct 28 j 19:11	28°♎47'00	0°40'26
minimum elong	-691 Oct 28 j 18:15	28°♎50'14	0°40'02
min. Earth dist.	-691 Oct 28 j 13:53	29°♎05'15	0.67631 AU
morning rise	-691 Nov 03 j 02:32	22°♎34'02	
direct	-691 Nov 07 j 10:53	20°♎50'44	
morning max el	-691 Nov 16 j 11:13	26°♎09'15	21°46'53
	-691 Nov 19 j 22:45	0°♏	
greatest brilliancy	-691 Nov 21 j 08:13	1°♏41'26	-0.4m
desc. node	-691 Dec 05 j 23:11	21°♏58'50	
	-691 Dec 11 j 06:55	0°♐	
morning set	-691 Dec 18 j 13:15	11°♐20'24	
max. Earth dist.	-691 Dec 25 j 00:59	21°♐53'43	1.41585 AU
	-691 Dec 29 j 20:08	0°♑	
superior conj	-690 Jan 01 j 15:58	4°♑54'12	-2°00'-38
minimum elong	-690 Jan 01 j 15:15	4°♑51'03	2°00'39
evening rise	-690 Jan 12 j 10:05	24°♑20'34	
	-690 Jan 15 j 12:01	0°♒	
asc. node	-690 Jan 22 j 19:21	12°♒36'09	
evening max el	-690 Jan 28 j 19:02	20°♒22'53	18°11'39
retrograde	-690 Feb 04 j 16:39	23°♒51'51	
evening set	-690 Feb 07 j 06:21	23°♒23'32	
inferior conj	-690 Feb 14 j 03:58	18°♒33'08	3°43'58
minimum elong	-690 Feb 14 j 05:50	18°♒28'53	3°43'48
min. Earth dist.	-690 Feb 17 j 11:07	15°♒34'48	0.60331 AU
morning rise	-690 Feb 21 j 02:13	12°♒50'34	
direct	-690 Feb 27 j 18:42	10°♒43'59	
desc. node	-690 Mar 03 j 22:23	11°♒29'35	
morning max el	-690 Mar 14 j 00:39	18°♒30'45	27°28'44
	-690 Mar 23 j 16:51	0°♓	
	-690 Apr 10 j 17:01	0°♈	
morning set	-690 Apr 14 j 16:02	7°♈58'03	
asc. node	-690 Apr 20 j 18:40	21°♈00'57	
max. Earth dist.	-690 Apr 21 j 02:45	21°♈45'08	1.32398 AU
superior conj	-690 Apr 21 j 21:19	23°♈26'43	0°11'44
minimum elong	-690 Apr 21 j 20:47	23°♈23'49	0°11'38
behind sun begin	-690 Apr 21 j 17:21	23°♈05'01	
behind sun end	-690 Apr 22 j 00:13	23°♈42'37	
	-690 Apr 24 j 21:09	0°♉	
evening rise	-690 Apr 28 j 20:05	8°♉30'38	
	-690 May 10 j 00:50	0°♊	
evening max el	-690 May 26 j 04:51	21°♊43'30	25°34'35
desc. node	-690 May 30 j 21:39	25°♊35'41	
retrograde	-690 Jun 09 j 06:11	28°♊55'13	
evening set	-690 Jun 15 j 00:53	27°♊36'12	
min. Earth dist.	-690 Jun 19 j 17:00	24°♊53'59	0.58252 AU
inferior conj	-690 Jun 22 j 22:51	22°♊35'48	-4°-38'-26
minimum elong	-690 Jun 22 j 21:20	22°♊38'32	4°38'23
morning rise	-690 Jun 30 j 21:39	18°♊16'28	
direct	-690 Jul 03 j 09:46	17°♊56'45	
morning max el	-690 Jul 11 j 18:11	21°♊52'49	18°47'04
asc. node	-690 Jul 17 j 17:54	29°♊18'28	
	-690 Jul 18 j 04:46	0°♋	
morning set	-690 Jul 28 j 04:11	18°♋01'41	
	-690 Aug 03 j 07:25	0°♌	
superior conj	-690 Aug 05 j 20:29	4°♌52'08	1°46'08
minimum elong	-690 Aug 05 j 21:42	4°♌57'57	1°46'06
max. Earth dist.	-690 Aug 12 j 20:31	17°♌43'29	1.39237 AU
evening rise	-690 Aug 16 j 21:30	24°♌45'11	
	-690 Aug 20 j 00:32	0°♍	
desc. node	-690 Aug 26 j 20:58	10°♍57'46	
	-690 Sep 08 j 23:36	0°♎	
evening max el	-690 Sep 21 j 05:00	14°♎39'47	24°13'07
retrograde	-690 Oct 02 j 07:53	21°♎11'31	
evening set	-690 Oct 07 j 15:21	18°♎58'25	
min. Earth dist.	-690 Oct 12 j 10:00	13°♎27'35	0.67449 AU
inferior conj	-690 Oct 13 j 01:36	12°♎34'55	0°-13'-21
minimum elong	-690 Oct 13 j 01:56	12°♎33'49	0°13'14
transit middle	-690 Oct 13 j 01:56	12°♎33'49	0°13'14
transit begin	-690 Oct 13 j 00:20	12°♎39'11	
transit end	-690 Oct 13 j 03:31	12°♎28'28	
asc. node	-690 Oct 13 j 17:05	11°♎42'55	
morning rise	-690 Oct 18 j 12:47	6°♎26'59	
direct	-690 Oct 22 j 07:49	5°♎04'51	
morning max el	-690 Oct 30 j 07:33	9°♎42'54	20°30'25
greatest brilliancy	-690 Nov 05 j 15:03	17°♎14'18	-0.5m
	-690 Nov 14 j 15:27	0°♏	
desc. node	-690 Nov 22 j 20:14	12°♏19'57	
morning set	-690 Nov 27 j 13:03	19°♏34'05	
	-690 Dec 04 j 04:33	0°♐	
max. Earth dist.	-690 Dec 07 j 07:39	5°♐00'27	1.43316 AU
superior conj	-690 Dec 13 j 13:50	15°♐14'43	-1°-50'-10
minimum elong	-690 Dec 13 j 08:27	14°♐52'24	1°49'51
	-690 Dec 22 j 06:04	0°♑	
evening rise	-690 Dec 25 j 23:30	6°♑30'39	
	-689 Jan 09 j 06:10	0°♒	
asc. node	-689 Jan 09 j 16:24	0°♒33'20	
evening max el	-689 Jan 12 j 06:57	3°♒33'01	18°08'58
retrograde	-689 Jan 18 j 19:49	6°♒59'01	
evening set	-689 Jan 21 j 13:34	6°♒21'56	
inferior conj	-689 Jan 27 j 23:05	1°♒10'29	3°52'30
minimum elong	-689 Jan 27 j 22:42	1°♒11'28	3°52'29
	-689 Jan 29 j 02:12	30°℞♑	
min. Earth dist.	-689 Jan 30 j 18:48	28°♑16'21	0.62365 AU
morning rise	-689 Feb 03 j 05:39	25°♑14'25	
direct	-689 Feb 10 j 05:37	22°♑38'50	
desc. node	-689 Feb 18 j 19:25	25°♑52'59	
	-689 Feb 23 j 17:10	0°♒	
morning max el	-689 Feb 24 j 05:28	0°♒30'06	27°46'35

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-689 Mar 17 j 17:47	0°♓	
morning set	-689 Mar 29 j 18:53	22°♓24'56	
	-689 Apr 02 j 10:45	0°♈	
max. Earth dist.	-689 Apr 04 j 12:03	4°♈22'35	1.32740 AU
superior conj	-689 Apr 06 j 07:05	8°♈14'53	0°-14'-19
minimum elong	-689 Apr 06 j 07:46	8°♈18'32	0°14'11
behind sun begin	-689 Apr 06 j 05:26	8°♈05'54	
behind sun end	-689 Apr 06 j 10:06	8°♈31'10	
asc. node	-689 Apr 07 j 15:44	11°♈12'05	
evening rise	-689 Apr 13 j 07:49	23°♈25'39	
	-689 Apr 16 j 12:05	0°♉	
	-689 May 05 j 10:13	0°♊	
evening max el	-689 May 07 j 20:10	2°♊29'26	24°06'11
desc. node	-689 May 17 j 18:40	8°♊52'09	
retrograde	-689 May 21 j 16:24	9°♊26'57	
evening set	-689 May 26 j 01:43	8°♊44'09	
min. Earth dist.	-689 Jun 01 j 07:29	5°♊41'54	0.56479 AU
inferior conj	-689 Jun 03 j 19:46	4°♊08'11	-4°-5'-2
minimum elong	-689 Jun 03 j 13:56	4°♊17'18	4°04'00
morning rise	-689 Jun 12 j 05:57	0°♊06'54	
	-689 Jun 12 j 19:43	30°℞♉	
direct	-689 Jun 14 j 20:27	29°♉49'03	
	-689 Jun 16 j 20:08	0°♊	
morning max el	-689 Jun 24 j 14:33	4°♊20'18	19°44'16
asc. node	-689 Jul 04 j 14:57	17°♊55'40	
	-689 Jul 11 j 00:54	0°♋	
morning set	-689 Jul 12 j 06:06	2°♋26'09	
superior conj	-689 Jul 20 j 05:45	18°♋32'16	1°46'51
minimum elong	-689 Jul 20 j 05:04	18°♋28'55	1°46'50
max. Earth dist.	-689 Jul 25 j 23:46	29°♋38'45	1.37278 AU
	-689 Jul 26 j 04:18	0°♌	
evening rise	-689 Jul 29 j 21:03	6°♌46'48	
	-689 Aug 12 j 21:21	0°♍	
desc. node	-689 Aug 13 j 18:01	1°♍18'25	
evening max el	-689 Sep 03 j 16:26	28°♍15'28	25°28'11
	-689 Sep 05 j 13:10	0°♎	
retrograde	-689 Sep 15 j 18:36	5°♎13'08	
evening set	-689 Sep 21 j 16:54	2°♎43'40	
	-689 Sep 24 j 08:43	30°℞♍	
min. Earth dist.	-689 Sep 26 j 03:12	27°♍48'34	0.66949 AU
inferior conj	-689 Sep 27 j 05:36	26°♍23'16	-1°-8'-46
minimum elong	-689 Sep 27 j 07:19	26°♍17'43	1°08'05
asc. node	-689 Sep 30 j 14:08	22°♍22'12	
morning rise	-689 Oct 02 j 22:22	20°♍23'21	
direct	-689 Oct 06 j 06:10	19°♍19'22	
morning max el	-689 Oct 13 j 11:23	23°♍25'34	19°27'05
	-689 Oct 18 j 22:21	0°♎	
greatest brilliancy	-689 Oct 22 j 15:29	5°♎13'31	-0.7m
morning set	-689 Nov 06 j 13:09	27°♎56'49	
	-689 Nov 07 j 20:50	0°♏	
desc. node	-689 Nov 09 j 17:16	2°♏52'55	
max. Earth dist.	-689 Nov 19 j 21:19	18°♏50'06	1.44502 AU
superior conj	-689 Nov 23 j 09:01	24°♏22'42	-1°-21'-40
minimum elong	-689 Nov 23 j 00:54	23°♏50'19	1°20'52
	-689 Nov 26 j 21:04	0°♐	
evening rise	-689 Dec 07 j 16:38	17°♐45'58	
	-689 Dec 15 j 00:49	0°♑	
evening max el	-689 Dec 26 j 19:26	16°♑53'22	18°25'03
asc. node	-689 Dec 27 j 13:26	17°♑37'09	
retrograde	-688 Jan 02 j 08:25	20°♑28'15	
evening set	-688 Jan 05 j 06:52	19°♑41'12	
inferior conj	-688 Jan 11 j 07:15	14°♑10'12	3°41'23
minimum elong	-688 Jan 11 j 05:17	14°♑15'51	3°41'08
min. Earth dist.	-688 Jan 13 j 11:56	11°♑39'14	0.64149 AU
morning rise	-688 Jan 17 j 02:18	8°♑05'27	
direct	-688 Jan 24 j 00:03	5°♑15'41	
desc. node	-688 Feb 05 j 16:27	12°♑11'20	
morning max el	-688 Feb 06 j 13:55	13°♑03'46	27°28'22
	-688 Feb 20 j 05:33	0°♒	
	-688 Mar 09 j 06:18	0°♓	
morning set	-688 Mar 12 j 14:01	6°♓24'19	
max. Earth dist.	-688 Mar 17 j 13:59	16°♓32'22	1.33490 AU
superior conj	-688 Mar 20 j 13:14	22°♓47'27	0°-40'-53
minimum elong	-688 Mar 20 j 15:11	22°♓57'45	0°40'30
	-688 Mar 23 j 22:09	0°♈	
asc. node	-688 Mar 24 j 12:46	1°♈18'15	
evening rise	-688 Mar 27 j 19:10	8°♈14'36	
	-688 Apr 08 j 08:26	0°♉	
evening max el	-688 Apr 18 j 12:21	13°♉05'51	22°31'02
retrograde	-688 May 01 j 13:32	19°♉31'20	
desc. node	-688 May 03 j 15:40	19°♉21'40	
evening set	-688 May 04 j 15:03	19°♉10'45	
min. Earth dist.	-688 May 12 j 20:24	15°♉36'51	0.55322 AU
inferior conj	-688 May 13 j 22:43	14°♉59'28	-2°-47'00
minimum elong	-688 May 13 j 15:58	15°♉09'05	2°44'59
morning rise	-688 May 22 j 19:06	11°♉05'19	
direct	-688 May 25 j 14:23	10°♉47'14	
morning max el	-688 Jun 05 j 23:55	16°♉06'04	21°01'38
	-688 Jun 16 j 12:57	0°♊	
asc. node	-688 Jun 20 j 12:00	7°♊05'53	
morning set	-688 Jun 25 j 13:21	17°♊08'35	
	-688 Jul 01 j 17:40	0°♋	
superior conj	-688 Jul 03 j 01:48	2°♋46'04	1°40'03
minimum elong	-688 Jul 02 j 23:53	2°♋36'16	1°39'55
max. Earth dist.	-688 Jul 07 j 09:14	11°♋29'02	1.35561 AU
evening rise	-688 Jul 11 j 16:18	19°♋46'57	
	-688 Jul 17 j 07:19	0°♌	
desc. node	-688 Jul 30 j 15:01	21°♌19'39	
	-688 Aug 05 j 21:32	0°♍	
evening max el	-688 Aug 16 j 04:11	11°♍51'04	26°30'12
retrograde	-688 Aug 29 j 00:14	19°♍03'55	
evening set	-688 Sep 04 j 12:33	16°♍22'36	
min. Earth dist.	-688 Sep 08 j 15:04	12°♍05'10	0.66112 AU
inferior conj	-688 Sep 10 j 05:18	10°♍09'19	-2°-4'-4
minimum elong	-688 Sep 10 j 08:23	9°♍59'57	2°02'54
morning rise	-688 Sep 16 j 05:17	4°♍20'45	
asc. node	-688 Sep 16 j 11:10	4°♍12'55	
direct	-688 Sep 19 j 04:09	3°♍31'24	
morning max el	-688 Sep 25 j 21:35	7°♍15'07	18°39'12
	-688 Oct 11 j 18:46	0°♎	
morning set	-688 Oct 16 j 11:15	7°♎29'13	
desc. node	-688 Oct 26 j 14:19	23°♎34'02	
	-688 Oct 30 j 16:18	0°♏	
superior conj	-688 Nov 01 j 10:42	2°♏46'44	0°-37'-32
minimum elong	-688 Nov 01 j 05:48	2°♏27'29	0°36'55
max. Earth dist.	-688 Nov 01 j 15:28	3°♏05'28	1.44995 AU
evening rise	-688 Nov 17 j 10:13	28°♏02'25	
	-688 Nov 18 j 15:43	0°♐	
	-688 Dec 08 j 22:39	0°♑	
evening max el	-688 Dec 09 j 05:58	0°♑19'08	18°58'52
asc. node	-688 Dec 13 j 10:26	3°♑33'46	
retrograde	-688 Dec 16 j 02:51	4°♑13'14	
evening set	-688 Dec 19 j 07:12	3°♑14'47	
	-688 Dec 22 j 22:01	30°℞♐	
inferior conj	-688 Dec 25 j 00:58	27°♐26'34	3°16'17
minimum elong	-688 Dec 24 j 22:14	27°♐35'05	3°15'42
min. Earth dist.	-688 Dec 26 j 14:29	25°♐29'38	0.65569 AU
morning rise	-688 Dec 30 j 12:21	21°♐15'54	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

direct	-687 Jan 06 j 00:51	18°♐26'39	
morning max el	-687 Jan 18 j 23:34	26°♐01'36	26°39'12
desc. node	-687 Jan 22 j 13:30	29°♐52'38	
	-687 Jan 22 j 16:05	0°♑	
	-687 Feb 12 j 18:35	0°♒	
morning set	-687 Feb 23 j 21:58	19°♒45'39	
max. Earth dist.	-687 Feb 28 j 05:22	28°♒08'19	1.34684 AU
	-687 Mar 01 j 03:42	0°♓	
superior conj	-687 Mar 04 j 13:36	6°♓57'39	-1°-6'-44
minimum elong	-687 Mar 04 j 16:40	7°♓13'29	1°06'14
asc. node	-687 Mar 11 j 09:48	21°♓15'14	
evening rise	-687 Mar 12 j 04:20	22°♓51'26	
	-687 Mar 15 j 16:55	0°♈	
evening max el	-687 Mar 31 j 11:52	24°♈00'34	21°02'38
retrograde	-687 Apr 12 j 02:56	29°♈37'51	
evening set	-687 Apr 14 j 10:12	29°♈25'26	
desc. node	-687 Apr 20 j 12:41	27°♈11'39	
inferior conj	-687 Apr 23 j 17:06	25°♈27'09	0°-54'-26
minimum elong	-687 Apr 23 j 14:31	25°♈30'48	0°53'31
min. Earth dist.	-687 Apr 24 j 09:25	25°♈04'04	0.55039 AU
morning rise	-687 May 02 j 18:18	21°♈22'31	
direct	-687 May 06 j 00:57	20°♈59'18	
morning max el	-687 May 18 j 22:49	27°♈10'25	22°35'12
	-687 May 21 j 16:54	0°♉	
asc. node	-687 Jun 07 j 09:04	26°♉40'18	
	-687 Jun 09 j 00:14	0°♊	
morning set	-687 Jun 09 j 23:49	2°♊02'20	
superior conj	-687 Jun 17 j 05:13	17°♊22'57	1°27'25
minimum elong	-687 Jun 17 j 02:44	17°♊09'52	1°27'07
max. Earth dist.	-687 Jun 20 j 04:01	23°♊34'26	1.34196 AU
	-687 Jun 23 j 07:37	0°♋	
evening rise	-687 Jun 25 j 02:15	3°♋31'20	
	-687 Jul 10 j 02:43	0°♌	
desc. node	-687 Jul 17 j 12:01	10°♌52'32	
evening max el	-687 Jul 29 j 15:55	25°♌16'40	27°11'28
	-687 Aug 04 j 11:51	0°♍	
retrograde	-687 Aug 12 j 00:22	2°♍36'03	
evening set	-687 Aug 18 j 23:47	29°♌50'44	
	-687 Aug 18 j 19:03	30°℞♌	
min. Earth dist.	-687 Aug 22 j 19:12	26°♌10'56	0.64913 AU
inferior conj	-687 Aug 24 j 22:28	23°♌48'12	-2°-57'-4
minimum elong	-687 Aug 25 j 02:39	23°♌36'30	2°55'42
morning rise	-687 Aug 31 j 07:07	18°♌14'21	
direct	-687 Sep 02 j 23:26	17°♌36'09	
asc. node	-687 Sep 03 j 08:13	17°♌36'52	
morning max el	-687 Sep 09 j 11:51	21°♌06'22	18°07'56
	-687 Sep 16 j 07:15	0°♍	
morning set	-687 Sep 27 j 13:46	18°♍24'39	
	-687 Oct 04 j 13:58	0°♎	
superior conj	-687 Oct 11 j 15:47	11°♎25'51	0°11'54
minimum elong	-687 Oct 11 j 17:14	11°♎31'40	0°11'41
behind sun begin	-687 Oct 11 j 09:41	11°♎01'30	
behind sun end	-687 Oct 12 j 00:47	12°♎01'48	
desc. node	-687 Oct 13 j 11:20	14°♎19'17	
max. Earth dist.	-687 Oct 15 j 10:17	17°♎25'14	1.44743 AU
	-687 Oct 23 j 10:53	0°♏	
evening rise	-687 Oct 28 j 05:17	7°♏24'12	
	-687 Nov 12 j 00:37	0°♐	
greatest brilliancy	-687 Nov 14 j 22:19	4°♐12'10	-0.6m
evening max el	-687 Nov 22 j 12:24	13°♐46'29	19°49'01
retrograde	-687 Nov 30 j 00:03	18°♐08'38	
asc. node	-687 Nov 30 j 07:28	18°♐08'05	
evening set	-687 Dec 03 j 12:03	16°♐56'57	
inferior conj	-687 Dec 09 j 01:17	10°♐54'38	2°41'06
minimum elong	-687 Dec 08 j 22:28	11°♐03'59	2°40'15
min. Earth dist.	-687 Dec 10 j 01:04	9°♐35'59	0.66594 AU
morning rise	-687 Dec 14 j 08:15	4°♐40'13	
direct	-687 Dec 20 j 07:21	2°♐02'46	
morning max el	-686 Jan 01 j 08:41	9°♐12'14	25°27'26
desc. node	-686 Jan 09 j 10:33	18°♐32'33	
	-686 Jan 17 j 19:06	0°♑	
	-686 Feb 05 j 07:58	0°♒	
morning set	-686 Feb 06 j 14:07	2°♒15'37	
max. Earth dist.	-686 Feb 10 j 09:17	9°♒17'13	1.36316 AU
superior conj	-686 Feb 16 j 05:29	20°♒37'54	-1°-30'-11
minimum elong	-686 Feb 16 j 09:12	20°♒56'24	1°29'44
	-686 Feb 20 j 20:49	0°♓	
evening rise	-686 Feb 24 j 09:17	7°♓09'48	
asc. node	-686 Feb 26 j 06:49	10°♓58'27	
	-686 Mar 09 j 05:26	0°♈	
evening max el	-686 Mar 13 j 22:22	5°♈31'10	19°49'43
retrograde	-686 Mar 23 j 20:32	10°♈16'24	
evening set	-686 Mar 25 j 23:55	10°♈04'06	
inferior conj	-686 Apr 03 j 17:28	6°♈02'22	1°01'41
minimum elong	-686 Apr 03 j 20:03	5°♈58'21	1°00'49
min. Earth dist.	-686 Apr 05 j 23:41	4°♈38'44	0.55705 AU
desc. node	-686 Apr 07 j 09:43	3°♈48'38	
morning rise	-686 Apr 12 j 13:01	1°♈29'47	
direct	-686 Apr 16 j 17:18	0°♈51'06	
morning max el	-686 Apr 30 j 15:05	7°♈47'27	24°15'49
	-686 May 16 j 18:28	0°♉	
morning set	-686 May 25 j 11:46	17°♉01'49	
asc. node	-686 May 25 j 06:07	16°♉32'14	
	-686 May 31 j 12:34	0°♊	
superior conj	-686 Jun 01 j 13:27	2°♊14'48	1°10'15
minimum elong	-686 Jun 01 j 11:00	2°♊01'31	1°09'52
max. Earth dist.	-686 Jun 03 j 07:46	6°♊02'41	1.33218 AU
evening rise	-686 Jun 08 j 22:50	17°♊48'12	
	-686 Jun 15 j 06:11	0°♋	
desc. node	-686 Jul 04 j 09:02	29°♋45'11	
	-686 Jul 04 j 13:45	0°♌	
evening max el	-686 Jul 12 j 02:06	8°♌20'43	27°25'19
retrograde	-686 Jul 25 j 18:46	15°♌41'00	
evening set	-686 Aug 01 j 23:27	13°♌03'25	
min. Earth dist.	-686 Aug 05 j 13:56	9°♌56'41	0.63349 AU
inferior conj	-686 Aug 08 j 06:30	7°♌14'41	-3°-44'-32
minimum elong	-686 Aug 08 j 11:07	7°♌03'06	3°43'24
morning rise	-686 Aug 15 j 01:00	1°♌58'47	
direct	-686 Aug 17 j 13:13	1°♌28'35	
asc. node	-686 Aug 21 j 05:18	2°♌34'04	
morning max el	-686 Aug 24 j 03:30	4°♌53'46	17°54'10
	-686 Sep 09 j 10:00	0°♍	
morning set	-686 Sep 09 j 17:09	0°♍31'18	
superior conj	-686 Sep 21 j 19:01	21°♍12'13	0°54'33
minimum elong	-686 Sep 21 j 23:56	21°♍32'39	0°53'56
	-686 Sep 27 j 04:00	0°♎	
max. Earth dist.	-686 Sep 28 j 02:17	1°♎29'39	1.43796 AU
desc. node	-686 Sep 30 j 08:21	5°♎05'40	
evening rise	-686 Oct 07 j 11:56	16°♎17'36	
	-686 Oct 16 j 12:06	0°♏	
greatest brilliancy	-686 Oct 30 j 22:42	20°♏36'26	-0.5m
evening max el	-686 Nov 05 j 13:18	27°♏13'49	20°53'05
	-686 Nov 08 j 15:01	0°♐	
retrograde	-686 Nov 13 j 21:37	2°♐10'39	
asc. node	-686 Nov 17 j 04:31	1°♐09'12	
evening set	-686 Nov 17 j 19:18	0°♐43'43	
	-686 Nov 18 j 16:23	30°℞♏	
inferior conj	-686 Nov 23 j 05:47	24°♏30'44	1°58'24

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-686 Nov 23 j 03:23	24°♏38'56	1°57'31
min. Earth dist.	-686 Nov 23 j 17:28	23°♏50'45	0.67255 AU
morning rise	-686 Nov 28 j 11:04	18°♏14'52	
direct	-686 Dec 03 j 19:04	15°♏56'14	
morning max el	-686 Dec 14 j 17:11	22°♏27'17	24°02'47
	-686 Dec 21 j 07:49	0°♐	
desc. node	-686 Dec 27 j 07:35	7°♐53'36	
	-685 Jan 11 j 03:19	0°♑	
morning set	-685 Jan 19 j 08:19	13°♑36'42	
max. Earth dist.	-685 Jan 23 j 05:05	20°♑23'19	1.38299 AU
	-685 Jan 28 j 11:10	0°♒	
superior conj	-685 Jan 30 j 09:15	3°♒37'35	-1°-48'-56
minimum elong	-685 Jan 30 j 12:37	3°♒53'38	1°48'41
evening rise	-685 Feb 08 j 07:28	21°♒01'47	
	-685 Feb 12 j 23:12	0°♓	
asc. node	-685 Feb 13 j 03:52	0°♓21'44	
evening max el	-685 Feb 24 j 19:29	17°♓38'52	18°55'54
retrograde	-685 Mar 05 j 04:48	21°♓41'37	
evening set	-685 Mar 07 j 11:36	21°♓24'52	
inferior conj	-685 Mar 15 j 10:59	17°♓07'58	2°32'18
minimum elong	-685 Mar 15 j 15:27	16°♓59'57	2°31'07
min. Earth dist.	-685 Mar 18 j 15:54	14°♓51'39	0.57175 AU
morning rise	-685 Mar 23 j 15:09	12°♓02'48	
desc. node	-685 Mar 25 j 06:46	11°♓27'27	
direct	-685 Mar 28 j 23:03	10°♓54'42	
morning max el	-685 Apr 12 j 06:12	18°♓20'32	25°49'40
	-685 Apr 21 j 23:29	0°♈	
	-685 May 09 j 00:29	0°♉	
morning set	-685 May 09 j 23:29	2°♉00'07	
asc. node	-685 May 12 j 03:11	6°♉35'09	
superior conj	-685 May 17 j 00:22	17°♉13'24	0°49'33
minimum elong	-685 May 16 j 22:23	17°♉02'34	0°49'11
max. Earth dist.	-685 May 17 j 17:43	18°♉48'20	1.32618 AU
	-685 May 22 j 22:39	0°♊	
evening rise	-685 May 24 j 02:41	2°♊26'07	
	-685 Jun 08 j 03:37	0°♋	
desc. node	-685 Jun 21 j 06:03	17°♋40'16	
evening max el	-685 Jun 24 j 08:28	20°♋50'48	27°07'19
retrograde	-685 Jul 08 j 06:29	28°♋08'52	
evening set	-685 Jul 15 j 07:27	25°♋53'17	
min. Earth dist.	-685 Jul 18 j 22:34	23°♋09'01	0.61468 AU
inferior conj	-685 Jul 22 j 02:15	20°♋21'09	-4°-21'-32
minimum elong	-685 Jul 22 j 05:58	20°♋12'52	4°20'59
morning rise	-685 Jul 29 j 07:22	15°♋25'59	
direct	-685 Jul 31 j 17:57	15°♋01'09	
morning max el	-685 Aug 07 j 17:34	18°♋30'05	17°59'01
asc. node	-685 Aug 08 j 02:23	18°♋52'00	
	-685 Aug 16 j 01:24	0°♌	
morning set	-685 Aug 23 j 15:34	13°♌32'57	
	-685 Sep 01 j 17:52	0°♍	
superior conj	-685 Sep 03 j 01:50	2°♍20'21	1°24'30
minimum elong	-685 Sep 03 j 06:26	2°♍40'23	1°24'04
max. Earth dist.	-685 Sep 10 j 13:26	15°♍03'42	1.42281 AU
evening rise	-685 Sep 17 j 00:21	25°♍30'21	
desc. node	-685 Sep 17 j 05:23	25°♍50'16	
	-685 Sep 19 j 21:03	0°♎	
	-685 Oct 10 j 10:36	0°♏	
greatest brilliancy	-685 Oct 14 j 14:59	5°♏21'38	-0.3m
evening max el	-685 Oct 19 j 08:30	10°♏42'14	22°07'31
retrograde	-685 Oct 28 j 17:38	16°♏16'58	
evening set	-685 Nov 02 j 03:08	14°♏32'50	
asc. node	-685 Nov 04 j 01:35	12°♏40'41	
inferior conj	-685 Nov 07 j 12:25	8°♏12'57	1°10'08
minimum elong	-685 Nov 07 j 10:52	8°♏18'20	1°09'30
min. Earth dist.	-685 Nov 07 j 13:13	8°♏10'13	0.67582 AU
morning rise	-685 Nov 12 j 18:24	1°♏58'04	
direct	-685 Nov 17 j 11:12	0°♏01'34	
morning max el	-685 Nov 27 j 03:40	5°♏46'24	22°35'13
greatest brilliancy	-685 Dec 01 j 18:58	10°♏58'19	-0.3m
desc. node	-685 Dec 14 j 04:38	27°♏44'13	
	-685 Dec 15 j 17:51	0°♐	
morning set	-685 Dec 30 j 22:42	23°♐34'38	
	-684 Jan 03 j 19:35	0°♑	
max. Earth dist.	-684 Jan 05 j 01:00	2°♑04'24	1.40419 AU
superior conj	-684 Jan 12 j 20:18	15°♑45'27	-1°-59'-41
minimum elong	-684 Jan 12 j 21:40	15°♑51'38	1°59'41
	-684 Jan 20 j 12:48	0°♒	
evening rise	-684 Jan 22 j 19:54	4°♒20'17	
asc. node	-684 Jan 31 j 00:55	19°♒18'25	
	-684 Feb 07 j 17:41	0°♓	
evening max el	-684 Feb 08 j 00:45	0°♓17'30	18°22'07
retrograde	-684 Feb 15 j 07:51	3°♓53'52	
evening set	-684 Feb 17 j 19:19	3°♓30'03	
	-684 Feb 23 j 16:23	30°♑℞♒	
inferior conj	-684 Feb 25 j 01:27	28°♒52'19	3°27'12
minimum elong	-684 Feb 25 j 04:40	28°♒45'37	3°26'41
min. Earth dist.	-684 Feb 28 j 11:44	26°♒02'21	0.59134 AU
morning rise	-684 Mar 03 j 10:23	23°♒21'12	
direct	-684 Mar 09 j 17:58	21°♒35'28	
desc. node	-684 Mar 11 j 03:49	21°♒40'39	
morning max el	-684 Mar 24 j 01:19	29°♒16'26	27°01'40
	-684 Mar 24 j 18:50	0°♓	
	-684 Apr 14 j 18:02	0°♈	
morning set	-684 Apr 23 j 09:18	16°♈51'30	
asc. node	-684 Apr 28 j 00:14	26°♈44'31	
	-684 Apr 29 j 12:00	0°♉	
superior conj	-684 Apr 30 j 12:09	2°♉12'31	0°26'09
minimum elong	-684 Apr 30 j 11:01	2°♉06'16	0°25'55
max. Earth dist.	-684 Apr 30 j 06:34	1°♉41'49	1.32381 AU
evening rise	-684 May 07 j 11:14	17°♉16'34	
	-684 May 13 j 19:48	0°♊	
	-684 Jun 02 j 18:52	0°♋	
evening max el	-684 Jun 05 j 08:49	2°♋37'48	26°16'38
desc. node	-684 Jun 07 j 03:06	4°♋13'38	
retrograde	-684 Jun 19 j 09:44	9°♋51'52	
evening set	-684 Jun 25 j 19:10	8°♋10'40	
min. Earth dist.	-684 Jun 29 j 21:49	5°♋32'48	0.59419 AU
inferior conj	-684 Jul 03 j 06:04	2°♋58'02	-4°-40'-15
minimum elong	-684 Jul 03 j 07:00	2°♋56'15	4°40'14
	-684 Jul 07 j 10:27	30°♑℞♊	
morning rise	-684 Jul 10 j 22:17	28°♊25'23	
direct	-684 Jul 13 j 09:29	28°♊04'02	
	-684 Jul 18 j 23:15	0°♋	
morning max el	-684 Jul 21 j 03:01	1°♋46'46	18°23'35
asc. node	-684 Jul 24 j 23:27	6°♋14'59	
morning set	-684 Aug 06 j 03:42	27°♋15'01	
	-684 Aug 07 j 14:11	0°♌	
superior conj	-684 Aug 15 j 08:42	14°♌40'04	1°41'29
minimum elong	-684 Aug 15 j 11:13	14°♌51'41	1°41'21
max. Earth dist.	-684 Aug 22 j 19:35	27°♌57'41	1.40397 AU
	-684 Aug 24 j 00:06	0°♍	
evening rise	-684 Aug 27 j 09:21	5°♍41'21	
desc. node	-684 Sep 03 j 02:25	16°♍29'12	
	-684 Sep 12 j 01:29	0°♎	
evening max el	-684 Sep 30 j 23:01	24°♎12'44	23°27'18
	-684 Oct 09 j 01:23	0°♏	
retrograde	-684 Oct 11 j 10:43	0°♏24'28	
	-684 Oct 13 j 16:55	30°♑℞♎	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-684 Oct 16 j 09:52	28°♎21'53	
asc. node	-684 Oct 20 j 22:38	23°♎09'39	
inferior conj	-684 Oct 21 j 19:24	21°♎58'47	0°17'54
minimum elong	-684 Oct 21 j 18:58	22°♎00'14	0°17'42
min. Earth dist.	-684 Oct 21 j 09:47	22°♎31'41	0.67593 AU
morning rise	-684 Oct 27 j 04:08	15°♎47'39	
direct	-684 Oct 31 j 06:43	14°♎13'26	
morning max el	-684 Nov 08 j 19:41	19°♎13'21	21°12'57
greatest brilliancy	-684 Nov 14 j 04:12	25°♎24'40	-0.5m
	-684 Nov 17 j 15:47	0°♏	
desc. node	-684 Nov 30 j 01:40	17°♏55'38	
	-684 Dec 07 j 22:51	0°♐	
morning set	-684 Dec 09 j 09:00	2°♐13'38	
max. Earth dist.	-684 Dec 17 j 03:36	14°♐41'29	1.42379 AU
superior conj	-684 Dec 24 j 09:03	26°♐47'27	-1°-58'-16
minimum elong	-684 Dec 24 j 06:26	26°♐36'12	1°58'12
	-684 Dec 26 j 05:47	0°♑	
evening rise	-683 Jan 04 j 18:49	16°♑56'53	
	-683 Jan 12 j 02:56	0°♒	
asc. node	-683 Jan 16 j 21:57	7°♒39'41	
evening max el	-683 Jan 21 j 11:02	13°♒17'39	18°08'11
retrograde	-683 Jan 28 j 03:33	16°♒43'32	
evening set	-683 Jan 30 j 19:06	16°♒11'26	
inferior conj	-683 Feb 06 j 11:07	11°♒11'44	3°50'25
minimum elong	-683 Feb 06 j 11:59	11°♒09'40	3°50'22
min. Earth dist.	-683 Feb 09 j 14:03	8°♒12'46	0.61218 AU
morning rise	-683 Feb 13 j 02:15	5°♒22'57	
direct	-683 Feb 19 j 23:18	3°♒02'43	
desc. node	-683 Feb 26 j 00:51	4°♒40'05	
morning max el	-683 Mar 06 j 02:47	10°♒51'14	27°40'58
	-683 Mar 21 j 02:14	0°♓	
	-683 Apr 06 j 21:49	0°♈	
morning set	-683 Apr 07 j 15:20	1°♈29'29	
max. Earth dist.	-683 Apr 13 j 18:28	14°♈30'00	1.32500 AU
superior conj	-683 Apr 14 j 23:08	17°♈06'17	0°00'50
minimum elong	-683 Apr 14 j 23:06	17°♈06'06	0°00'50
behind sun begin	-683 Apr 14 j 18:03	16°♈38'27	
behind sun end	-683 Apr 15 j 04:10	17°♈33'45	
asc. node	-683 Apr 14 j 21:16	16°♈56'05	
	-683 Apr 20 j 21:30	0°♉	
evening rise	-683 Apr 21 j 22:21	2°♉12'04	
	-683 May 07 j 02:04	0°♊	
evening max el	-683 May 18 j 02:35	13°♊42'07	24°58'45
desc. node	-683 May 25 j 00:07	18°♊53'21	
retrograde	-683 Jun 01 j 02:30	20°♊48'42	
evening set	-683 Jun 06 j 08:01	19°♊46'06	
min. Earth dist.	-683 Jun 11 j 14:13	16°♊57'13	0.57451 AU
inferior conj	-683 Jun 14 j 14:45	14°♊56'06	-4°-29'-29
minimum elong	-683 Jun 14 j 11:16	15°♊01'59	4°29'08
morning rise	-683 Jun 22 j 18:23	10°♊45'15	
direct	-683 Jun 25 j 07:37	10°♊26'19	
morning max el	-683 Jul 04 j 04:56	14°♊35'14	19°08'48
asc. node	-683 Jul 11 j 20:31	24°♊28'57	
	-683 Jul 15 j 01:45	0°♋	
morning set	-683 Jul 21 j 01:31	11°♋27'02	
superior conj	-683 Jul 29 j 09:55	27°♋55'55	1°47'29
minimum elong	-683 Jul 29 j 10:16	27°♋57'36	1°47'29
	-683 Jul 30 j 11:42	0°♌	
max. Earth dist.	-683 Aug 04 j 22:44	10°♌11'34	1.38391 AU
evening rise	-683 Aug 08 j 19:29	17°♌04'10	
	-683 Aug 16 j 12:54	0°♍	
desc. node	-683 Aug 20 j 23:28	6°♍58'20	
	-683 Sep 06 j 12:06	0°♎	
evening max el	-683 Sep 13 j 10:53	7°♎46'36	24°46'03
retrograde	-683 Sep 24 j 23:54	14°♎30'03	
evening set	-683 Sep 30 j 13:50	12°♎09'26	
min. Earth dist.	-683 Oct 05 j 04:50	6°♎53'47	0.67286 AU
inferior conj	-683 Oct 06 j 00:59	5°♎46'57	0°-36'-47
minimum elong	-683 Oct 06 j 01:53	5°♎43'56	0°36'25
asc. node	-683 Oct 07 j 19:41	3°♎28'36	
	-683 Oct 11 j 04:38	30°℞♍	
morning rise	-683 Oct 11 j 14:21	29°♍42'18	
direct	-683 Oct 15 j 04:22	28°♍28'18	
	-683 Oct 19 j 11:09	0°♎	
morning max el	-683 Oct 22 j 19:18	2°♎51'09	20°01'42
greatest brilliancy	-683 Oct 30 j 01:08	11°♎43'45	-0.6m
	-683 Nov 11 j 11:34	0°♏	
desc. node	-683 Nov 16 j 22:43	8°♏22'14	
morning set	-683 Nov 18 j 05:41	10°♏21'43	
max. Earth dist.	-683 Nov 29 j 13:57	28°♏09'51	1.43904 AU
	-683 Nov 30 j 17:29	0°♐	
superior conj	-683 Dec 04 j 19:11	6°♐34'57	-1°-40'-18
minimum elong	-683 Dec 04 j 12:06	6°♐06'05	1°39'46
evening rise	-683 Dec 18 j 00:05	28°♐44'11	
	-683 Dec 18 j 17:45	0°♑	
asc. node	-682 Jan 03 j 18:58	25°♑15'11	
evening max el	-682 Jan 04 j 23:24	26°♑31'50	18°13'32
retrograde	-682 Jan 11 j 11:21	0°♒00'31	
	-682 Jan 11 j 03:50	0°♒	
	-682 Jan 11 j 18:51	30°℞♑	
evening set	-682 Jan 14 j 06:58	29°♑19'18	
inferior conj	-682 Jan 20 j 12:12	23°♑58'58	3°49'48
minimum elong	-682 Jan 20 j 11:03	24°♑02'06	3°49'44
min. Earth dist.	-682 Jan 23 j 01:35	21°♑13'03	0.63158 AU
morning rise	-682 Jan 26 j 13:21	17°♑58'36	
direct	-682 Feb 02 j 13:13	15°♑15'26	
desc. node	-682 Feb 12 j 21:53	19°♑56'13	
morning max el	-682 Feb 16 j 09:37	23°♑06'18	27°43'14
	-682 Feb 22 j 13:29	0°♒	
	-682 Mar 14 j 07:36	0°♓	
morning set	-682 Mar 22 j 15:15	15°♓45'36	
max. Earth dist.	-682 Mar 28 j 01:16	26°♓57'43	1.33003 AU
	-682 Mar 29 j 11:27	0°♈	
superior conj	-682 Mar 30 j 07:34	1°♈48'04	0°-25'-35
minimum elong	-682 Mar 30 j 08:47	1°♈54'36	0°25'20
asc. node	-682 Apr 01 j 18:18	7°♈05'18	
evening rise	-682 Apr 06 j 10:07	17°♈05'00	
	-682 Apr 12 j 20:32	0°♉	
evening max el	-682 Apr 29 j 17:12	24°♉19'34	23°25'40
	-682 May 07 j 21:25	0°♊	
desc. node	-682 May 11 j 21:08	1°♊01'57	
retrograde	-682 May 13 j 07:12	1°♊06'32	
evening set	-682 May 17 j 02:12	0°♊34'55	
	-682 May 18 j 20:43	30°℞♉	
min. Earth dist.	-682 May 24 j 03:28	27°♉20'49	0.55892 AU
inferior conj	-682 May 26 j 03:22	26°♉09'45	-3°-37'-22
minimum elong	-682 May 25 j 20:30	26°♉19'59	3°35'47
morning rise	-682 Jun 03 j 18:16	22°♉13'48	
direct	-682 Jun 06 j 10:19	21°♉56'18	
morning max el	-682 Jun 16 j 20:50	26°♉45'59	20°14'52
	-682 Jun 19 j 22:15	0°♊	
asc. node	-682 Jun 28 j 17:33	13°♊21'15	
morning set	-682 Jul 05 j 05:59	26°♊00'04	
	-682 Jul 07 j 04:56	0°♋	
superior conj	-682 Jul 13 j 00:17	11°♋52'10	1°44'47
minimum elong	-682 Jul 12 j 23:01	11°♋45'43	1°44'43
max. Earth dist.	-682 Jul 18 j 03:53	22°♋01'06	1.36510 AU
evening rise	-682 Jul 22 j 04:01	29°♋32'09	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-682 Jul 22 j 10:06	0°♌	
desc. node	-682 Aug 07 j 20:30	27°♌11'36	
	-682 Aug 09 j 18:19	0°♍	
evening max el	-682 Aug 26 j 22:09	21°♍22'11	25°56'28
retrograde	-682 Sep 08 j 08:38	28°♍28'03	
evening set	-682 Sep 14 j 13:10	25°♍52'28	
min. Earth dist.	-682 Sep 18 j 19:59	21°♍13'26	0.66640 AU
inferior conj	-682 Sep 20 j 03:23	19°♍34'29	-1°-32'-23
minimum elong	-682 Sep 20 j 05:42	19°♍27'11	1°31'28
asc. node	-682 Sep 24 j 16:43	14°♍33'32	
morning rise	-682 Sep 25 j 23:04	13°♍39'15	
direct	-682 Sep 29 j 02:41	12°♍42'07	
morning max el	-682 Oct 06 j 02:10	16°♍37'41	19°04'43
	-682 Oct 16 j 04:49	0°♎	
morning set	-682 Oct 28 j 13:18	19°♎09'22	
desc. node	-682 Nov 03 j 19:47	28°♎59'16	
	-682 Nov 04 j 11:17	0°♏	
max. Earth dist.	-682 Nov 12 j 05:46	12°♏12'15	1.44798 AU
superior conj	-682 Nov 14 j 04:57	15°♏18'27	-1°-4'-23
minimum elong	-682 Nov 13 j 21:26	14°♏48'46	1°03'32
	-682 Nov 23 j 09:56	0°♐	
evening rise	-682 Nov 29 j 07:30	9°♐35'00	
	-682 Dec 11 j 23:20	0°♑	
evening max el	-682 Dec 19 j 11:17	9°♑54'47	18°37'20
asc. node	-682 Dec 21 j 15:58	11°♑52'20	
retrograde	-682 Dec 26 j 02:55	13°♑37'06	
evening set	-682 Dec 29 j 03:35	12°♑45'33	
inferior conj	-681 Jan 04 j 00:52	7°♑06'54	3°32'11
minimum elong	-681 Jan 03 j 22:29	7°♑14'00	3°31'48
min. Earth dist.	-681 Jan 05 j 23:02	4°♑49'14	0.64793 AU
morning rise	-681 Jan 09 j 16:10	0°♑59'01	
	-681 Jan 10 j 22:43	30°℞♐	
direct	-681 Jan 16 j 10:34	28°♐07'43	
	-681 Jan 22 j 12:14	0°♑	
morning max el	-681 Jan 29 j 19:05	5°♑52'38	27°10'52
desc. node	-681 Jan 30 j 18:55	6°♑53'30	
	-681 Feb 17 j 07:14	0°♒	
morning set	-681 Mar 06 j 06:08	29°♒30'34	
	-681 Mar 06 j 12:11	0°♓	
max. Earth dist.	-681 Mar 10 j 23:01	8°♓53'16	1.33934 AU
superior conj	-681 Mar 14 j 11:32	16°♓11'55	0°-52'-1
minimum elong	-681 Mar 14 j 13:59	16°♓24'48	0°51'34
asc. node	-681 Mar 19 j 15:20	27°♓08'03	
	-681 Mar 20 j 23:54	0°♈	
evening rise	-681 Mar 21 j 20:46	1°♈49'22	
	-681 Apr 07 j 00:27	0°♉	
evening max el	-681 Apr 11 j 11:44	5°♉00'27	21°52'03
retrograde	-681 Apr 24 j 00:29	11°♉07'28	
evening set	-681 Apr 26 j 15:53	10°♉51'53	
desc. node	-681 Apr 28 j 18:06	10°♉18'53	
min. Earth dist.	-681 May 05 j 16:34	6°♉59'50	0.55079 AU
inferior conj	-681 May 06 j 01:05	6°♉47'51	-2°-2'-1
minimum elong	-681 May 05 j 19:37	6°♉55'33	2°00'13
morning rise	-681 May 15 j 00:30	2°♉51'26	
direct	-681 May 17 j 23:11	2°♉32'12	
morning max el	-681 May 30 j 01:38	8°♉13'54	21°39'50
	-681 Jun 14 j 04:46	0°♊	
asc. node	-681 Jun 15 j 14:37	2°♊42'27	
morning set	-681 Jun 19 j 14:49	10°♊47'43	
superior conj	-681 Jun 26 j 23:51	26°♊17'00	1°35'19
minimum elong	-681 Jun 26 j 21:38	26°♊05'25	1°35'07
	-681 Jun 28 j 18:53	0°♋	
max. Earth dist.	-681 Jun 30 j 16:47	3°♋54'15	1.34934 AU
evening rise	-681 Jul 05 j 06:06	12°♋52'48	
	-681 Jul 14 j 18:29	0°♌	
desc. node	-681 Jul 25 j 17:30	17°♌01'50	
	-681 Aug 04 j 18:31	0°♍	
evening max el	-681 Aug 09 j 09:55	4°♍54'25	26°50'39
retrograde	-681 Aug 22 j 12:12	12°♍11'43	
evening set	-681 Aug 29 j 05:36	9°♍27'28	
min. Earth dist.	-681 Sep 02 j 04:56	5°♍26'07	0.65646 AU
inferior conj	-681 Sep 04 j 00:36	3°♍18'01	-2°-27'-2
minimum elong	-681 Sep 04 j 04:13	3°♍07'25	2°25'44
	-681 Sep 07 j 00:27	30°℞♌	
morning rise	-681 Sep 10 j 04:07	27°♌35'13	
asc. node	-681 Sep 11 j 13:47	27°♌02'21	
direct	-681 Sep 12 j 23:47	26°♌51'11	
	-681 Sep 19 j 02:50	0°♍	
morning max el	-681 Sep 19 j 14:26	0°♍28'29	18°23'42
morning set	-681 Oct 08 j 23:27	29°♍16'59	
	-681 Oct 09 j 10:03	0°♎	
desc. node	-681 Oct 21 j 16:49	19°♎42'21	
superior conj	-681 Oct 24 j 05:16	23°♎41'08	0°-16'-24
minimum elong	-681 Oct 24 j 03:06	23°♎32'37	0°16'08
behind sun begin	-681 Oct 24 j 01:35	23°♎26'39	
behind sun end	-681 Oct 24 j 04:36	23°♎38'34	
max. Earth dist.	-681 Oct 26 j 00:01	26°♎29'32	1.44975 AU
	-681 Oct 28 j 05:35	0°♏	
evening rise	-681 Nov 09 j 14:52	19°♏25'56	
	-681 Nov 16 j 08:26	0°♐	
greatest brilliancy	-681 Nov 23 j 06:06	10°♐38'17	-0.7m
evening max el	-681 Dec 02 j 20:18	23°♐21'29	19°18'25
asc. node	-681 Dec 08 j 13:01	27°♐15'33	
retrograde	-681 Dec 09 j 22:47	27°♐26'37	
evening set	-681 Dec 13 j 06:06	26°♐22'56	
inferior conj	-681 Dec 18 j 21:44	20°♐28'36	3°02'25
minimum elong	-681 Dec 18 j 18:53	20°♐37'44	3°01'41
min. Earth dist.	-681 Dec 20 j 05:18	18°♐47'24	0.66052 AU
morning rise	-681 Dec 24 j 06:51	14°♐16'01	
direct	-681 Dec 30 j 14:06	11°♐30'17	
morning max el	-680 Jan 12 j 04:28	18°♐56'31	26°10'47
desc. node	-680 Jan 17 j 15:59	25°♐02'05	
	-680 Jan 21 j 14:28	0°♑	
	-680 Feb 10 j 07:54	0°♒	
morning set	-680 Feb 17 j 07:58	12°♒31'33	
max. Earth dist.	-680 Feb 21 j 08:57	20°♒13'26	1.35323 AU
superior conj	-680 Feb 26 j 08:39	0°♓10'11	-1°-17'-7
minimum elong	-680 Feb 26 j 12:04	0°♓27'36	1°16'36
	-680 Feb 26 j 06:39	0°♓	
evening rise	-680 Mar 05 j 04:22	16°♓18'29	
asc. node	-680 Mar 05 j 12:22	16°♓59'27	
	-680 Mar 12 j 04:50	0°♈	
evening max el	-680 Mar 23 j 15:50	16°♈09'18	20°29'29
retrograde	-680 Apr 03 j 13:36	21°♈23'25	
evening set	-680 Apr 05 j 17:45	21°♈11'49	
inferior conj	-680 Apr 14 j 20:10	17°♈14'27	0°-3'-35
minimum elong	-680 Apr 14 j 20:00	17°♈14'41	0°03'31
transit middle	-680 Apr 14 j 20:00	17°♈14'41	0°03'31
transit begin	-680 Apr 14 j 16:03	17°♈20'26	
transit end	-680 Apr 14 j 23:57	17°♈08'56	
desc. node	-680 Apr 14 j 15:07	17°♈21'46	
min. Earth dist.	-680 Apr 16 j 06:14	16°♈24'57	0.55209 AU
morning rise	-680 Apr 23 j 20:18	12°♈59'13	
direct	-680 Apr 27 j 11:09	12°♈30'46	
morning max el	-680 May 10 j 20:56	19°♈03'16	23°17'52
	-680 May 19 j 22:01	0°♉	
asc. node	-680 Jun 01 j 11:41	22°♉24'47	
morning set	-680 Jun 03 j 02:08	25°♉44'16	
	-680 Jun 05 j 02:28	0°♊	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-680 Jun 10 j 05:37	11°♊00'59	1°20'37
minimum elong	-680 Jun 10 j 03:05	10°♊47'27	1°20'17
max. Earth dist.	-680 Jun 12 j 15:34	16°♊08'58	1.33732 AU
evening rise	-680 Jun 17 j 21:03	26°♊52'37	
	-680 Jun 19 j 11:09	0°♋	
	-680 Jul 07 j 01:53	0°♌	
desc. node	-680 Jul 11 j 14:29	6°♌19'27	
evening max el	-680 Jul 21 j 21:30	18°♌13'42	27°21'09
retrograde	-680 Aug 04 j 10:04	25°♌33'42	
evening set	-680 Aug 11 j 12:26	22°♌50'28	
min. Earth dist.	-680 Aug 15 j 05:28	19°♌25'15	0.64289 AU
inferior conj	-680 Aug 17 j 14:19	16°♌53'20	-3°-18'-7
minimum elong	-680 Aug 17 j 18:48	16°♌41'20	3°16'48
morning rise	-680 Aug 24 j 03:00	11°♌26'24	
direct	-680 Aug 26 j 17:17	10°♌51'55	
asc. node	-680 Aug 28 j 10:53	11°♌07'26	
morning max el	-680 Sep 02 j 05:38	14°♌19'08	17°59'48
	-680 Sep 13 j 04:53	0°♍	
morning set	-680 Sep 19 j 13:25	10°♍45'56	
	-680 Oct 01 j 01:40	0°♎	
superior conj	-680 Oct 02 j 18:18	2°♎45'12	0°31'20
minimum elong	-680 Oct 02 j 21:46	2°♎59'14	0°30'51
desc. node	-680 Oct 07 j 13:51	10°♎28'46	
max. Earth dist.	-680 Oct 07 j 18:07	10°♎45'46	1.44426 AU
evening rise	-680 Oct 19 j 02:55	28°♎31'44	
	-680 Oct 20 j 01:50	0°♏	
greatest brilliancy	-680 Nov 08 j 10:37	28°♏46'34	-0.6m
	-680 Nov 09 j 08:25	0°♐	
evening max el	-680 Nov 15 j 00:39	6°♐49'48	20°14'46
retrograde	-680 Nov 22 j 20:18	11°♐25'31	
asc. node	-680 Nov 24 j 10:05	11°♐11'22	
evening set	-680 Nov 26 j 12:14	10°♐07'34	
inferior conj	-680 Dec 02 j 00:07	4°♐00'32	2°23'46
minimum elong	-680 Dec 01 j 21:25	4°♐09'36	2°22'52
min. Earth dist.	-680 Dec 02 j 18:36	2°♐58'23	0.66929 AU
	-680 Dec 05 j 02:31	30°℞♏	
morning rise	-680 Dec 07 j 06:05	27°♏45'25	
direct	-680 Dec 12 j 23:00	25°♏15'13	
	-680 Dec 22 j 06:42	0°♐	
morning max el	-680 Dec 24 j 12:57	2°♐08'56	24°52'16
desc. node	-679 Jan 03 j 13:03	14°♐01'19	
	-679 Jan 14 j 17:20	0°♑	
morning set	-679 Jan 29 j 15:30	24°♑33'47	
	-679 Feb 01 j 15:55	0°♒	
max. Earth dist.	-679 Feb 02 j 08:35	1°♒16'31	1.37135 AU
superior conj	-679 Feb 08 j 19:53	13°♒34'30	-1°-38'-54
minimum elong	-679 Feb 08 j 23:36	13°♒52'42	1°38'31
evening rise	-679 Feb 17 j 06:45	0°♓26'19	
	-679 Feb 17 j 01:29	0°♓	
asc. node	-679 Feb 20 j 09:24	6°♓34'47	
evening max el	-679 Mar 06 j 07:04	27°♓55'50	19°24'20
	-679 Mar 08 j 18:43	0°♈	
retrograde	-679 Mar 15 j 12:09	2°♈20'54	
evening set	-679 Mar 17 j 16:49	2°♈06'58	
	-679 Mar 22 j 21:25	30°℞♓	
inferior conj	-679 Mar 26 j 02:46	27°♓59'43	1°44'23
minimum elong	-679 Mar 26 j 06:39	27°♓53'21	1°43'10
min. Earth dist.	-679 Mar 28 j 20:51	26°♓12'11	0.56253 AU
desc. node	-679 Apr 01 j 12:11	24°♓08'15	
morning rise	-679 Apr 03 j 16:43	23°♓13'25	
direct	-679 Apr 08 j 08:50	22°♓23'47	
morning max el	-679 Apr 22 j 11:43	29°♓33'56	24°57'37
	-679 Apr 22 j 22:28	0°♈	
	-679 May 13 j 06:48	0°♉	
morning set	-679 May 18 j 14:11	10°♉43'42	
asc. node	-679 May 19 j 08:44	12°♉21'44	
superior conj	-679 May 25 j 15:11	25°♉56'01	1°01'50
minimum elong	-679 May 25 j 12:52	25°♉43'28	1°01'27
max. Earth dist.	-679 May 26 j 22:33	28°♉46'20	1.32916 AU
	-679 May 27 j 12:11	0°♊	
evening rise	-679 Jun 01 j 21:04	11°♊19'23	
	-679 Jun 11 j 17:01	0°♋	
desc. node	-679 Jun 28 j 11:30	24°♋50'04	
	-679 Jul 03 j 03:49	0°♌	
evening max el	-679 Jul 04 j 06:34	1°♌05'25	27°21'51
retrograde	-679 Jul 18 j 01:28	8°♌24'05	
evening set	-679 Jul 25 j 05:58	5°♌54'17	
min. Earth dist.	-679 Jul 28 j 19:53	2°♌58'50	0.62582 AU
inferior conj	-679 Jul 31 j 17:35	0°♌12'38	-4°-1'-53
minimum elong	-679 Jul 31 j 22:01	0°♌02'02	4°00'59
	-679 Jul 31 j 22:52	30°℞♋	
morning rise	-679 Aug 07 j 16:29	25°♋05'04	
direct	-679 Aug 10 j 03:51	24°♋37'17	
asc. node	-679 Aug 15 j 07:58	26°♋40'54	
morning max el	-679 Aug 16 j 20:57	28°♋02'42	17°53'56
	-679 Aug 18 j 16:00	0°♌	
morning set	-679 Sep 02 j 01:42	23°♌18'37	
	-679 Sep 05 j 19:54	0°♍	
superior conj	-679 Sep 13 j 09:22	13°♍06'48	1°08'54
minimum elong	-679 Sep 13 j 14:30	13°♍28'33	1°08'19
max. Earth dist.	-679 Sep 20 j 08:59	24°♍42'01	1.43218 AU
	-679 Sep 23 j 16:02	0°♎	
desc. node	-679 Sep 24 j 10:52	1°♎14'56	
evening rise	-679 Sep 28 j 09:50	7°♎28'10	
	-679 Oct 13 j 09:13	0°♏	
greatest brilliancy	-679 Oct 23 j 21:00	14°♏24'59	-0.4m
evening max el	-679 Oct 28 j 23:09	20°♏17'51	21°23'39
retrograde	-679 Nov 06 j 17:24	25°♏30'09	
evening set	-679 Nov 10 j 19:58	23°♏55'53	
asc. node	-679 Nov 11 j 07:09	23°♏33'05	
inferior conj	-679 Nov 16 j 05:46	17°♏39'28	1°38'31
minimum elong	-679 Nov 16 j 03:42	17°♏46'38	1°37'41
min. Earth dist.	-679 Nov 16 j 12:38	17°♏15'50	0.67443 AU
morning rise	-679 Nov 21 j 11:07	11°♏23'57	
direct	-679 Nov 26 j 12:35	9°♏14'46	
morning max el	-679 Dec 06 j 22:00	15°♏25'56	23°25'19
greatest brilliancy	-679 Dec 12 j 12:13	21°♏44'57	-0.2m
	-679 Dec 18 j 19:57	0°♐	
desc. node	-679 Dec 21 j 10:07	3°♐36'15	
	-678 Jan 07 j 17:12	0°♑	
morning set	-678 Jan 10 j 22:28	5°♑20'47	
max. Earth dist.	-678 Jan 15 j 04:00	12°♑36'04	1.39207 AU
superior conj	-678 Jan 22 j 17:10	26°♑13'56	-1°-54'-42
minimum elong	-678 Jan 22 j 19:56	26°♑26'49	1°54'34
	-678 Jan 24 j 17:20	0°♒	
evening rise	-678 Feb 01 j 01:13	14°♒05'33	
asc. node	-678 Feb 07 j 06:27	25°♒48'02	
	-678 Feb 09 j 16:39	0°♓	
evening max el	-678 Feb 17 j 07:59	10°♓17'45	18°39'01
retrograde	-678 Feb 25 j 04:46	14°♓07'37	
evening set	-678 Feb 27 j 13:33	13°♓48'04	
inferior conj	-678 Mar 07 j 05:14	9°♓22'17	2°59'57
minimum elong	-678 Mar 07 j 09:26	9°♓14'15	2°59'00
min. Earth dist.	-678 Mar 10 j 14:08	6°♓49'03	0.57967 AU
morning rise	-678 Mar 15 j 01:18	4°♓04'58	
desc. node	-678 Mar 19 j 09:14	2°♓46'54	
direct	-678 Mar 20 j 20:02	2°♓41'37	
morning max el	-678 Apr 04 j 04:15	10°♓14'53	26°23'55
	-678 Apr 19 j 06:59	0°♈	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-678 May 03 j 01:20	25°♈40'28	
	-678 May 05 j 02:15	0°♉	
asc. node	-678 May 06 j 05:47	2°♉28'21	
superior conj	-678 May 10 j 02:41	10°♉55'54	0°39'55
minimum elong	-678 May 10 j 01:01	10°♉46'46	0°39'35
max. Earth dist.	-678 May 10 j 10:21	11°♉38'00	1.32470 AU
evening rise	-678 May 17 j 03:12	26°♉03'50	
	-678 May 19 j 01:05	0°♊	
	-678 Jun 05 j 08:27	0°♋	
desc. node	-678 Jun 15 j 08:31	12°♋13'58	
evening max el	-678 Jun 16 j 10:25	13°♋17'23	26°49'33
retrograde	-678 Jun 30 j 09:40	20°♋34'04	
evening set	-678 Jul 07 j 05:51	18°♋31'30	
min. Earth dist.	-678 Jul 11 j 00:02	15°♋52'31	0.60607 AU
inferior conj	-678 Jul 14 j 06:58	13°♋07'31	-4°-32'-19
minimum elong	-678 Jul 14 j 09:45	13°♋01'39	4°32'02
morning rise	-678 Jul 21 j 16:47	8°♋22'07	
direct	-678 Jul 24 j 03:29	7°♋58'55	
morning max el	-678 Jul 31 j 09:27	11°♋31'57	18°07'04
asc. node	-678 Aug 02 j 05:01	13°♋28'24	
	-678 Aug 12 j 16:24	0°♌	
morning set	-678 Aug 16 j 06:28	6°♌38'47	
superior conj	-678 Aug 26 j 03:06	24°♌47'35	1°33'11
minimum elong	-678 Aug 26 j 06:54	25°♌04'34	1°32'54
	-678 Aug 29 j 01:51	0°♍	
max. Earth dist.	-678 Sep 02 j 17:58	8°♍00'03	1.41510 AU
evening rise	-678 Sep 08 j 05:41	17°♍01'53	
desc. node	-678 Sep 11 j 07:54	21°♍57'32	
	-678 Sep 16 j 12:34	0°♎	
greatest brilliancy	-678 Oct 06 j 18:36	28°♎17'26	-0.3m
	-678 Oct 08 j 05:05	0°♏	
evening max el	-678 Oct 11 j 16:00	3°♏46'28	22°41'01
retrograde	-678 Oct 21 j 12:26	9°♏37'45	
evening set	-678 Oct 26 j 03:34	7°♏45'39	
asc. node	-678 Oct 29 j 04:13	4°♏33'21	
inferior conj	-678 Oct 31 j 12:46	1°♏23'39	0°48'22
minimum elong	-678 Oct 31 j 11:40	1°♏27'28	0°47'54
min. Earth dist.	-678 Oct 31 j 09:02	1°♏36'34	0.67626 AU
	-678 Nov 01 j 13:08	30°℞♎	
morning rise	-678 Nov 05 j 19:42	25°♎10'03	
direct	-678 Nov 10 j 06:09	23°♎23'24	
morning max el	-678 Nov 19 j 10:38	28°♎48'48	21°59'09
	-678 Nov 20 j 13:55	0°♏	
greatest brilliancy	-678 Nov 24 j 04:59	4°♏11'58	-0.4m
desc. node	-678 Dec 08 j 07:10	23°♏36'39	
	-678 Dec 12 j 13:41	0°♐	
morning set	-678 Dec 22 j 00:20	14°♐43'11	
max. Earth dist.	-678 Dec 28 j 02:16	24°♐40'13	1.41288 AU
	-678 Dec 31 j 05:59	0°♑	
superior conj	-677 Jan 04 j 19:24	7°♑55'14	-2°00'-50
minimum elong	-677 Jan 04 j 19:17	7°♑54'46	2°00'52
evening rise	-677 Jan 15 j 08:26	27°♑07'38	
	-677 Jan 16 j 21:38	0°♒	
asc. node	-677 Jan 25 j 03:30	14°♒31'08	
evening max el	-677 Jan 31 j 15:42	23°♒06'29	18°13'46
retrograde	-677 Feb 07 j 15:29	26°♒36'58	
evening set	-677 Feb 10 j 04:34	26°♒09'54	
inferior conj	-677 Feb 17 j 04:18	21°♒22'53	3°40'27
minimum elong	-677 Feb 17 j 06:32	21°♒17'56	3°40'12
min. Earth dist.	-677 Feb 20 j 12:38	18°♒25'49	0.60017 AU
morning rise	-677 Feb 24 j 05:13	15°♒42'58	
direct	-677 Mar 02 j 19:43	13°♒41'29	
desc. node	-677 Mar 06 j 06:18	14°♒12'45	
morning max el	-677 Mar 17 j 02:14	21°♒27'18	27°22'50
	-677 Mar 24 j 13:24	0°♓	
	-677 Apr 12 j 04:10	0°♈	
morning set	-677 Apr 17 j 09:46	10°♈27'12	
asc. node	-677 Apr 23 j 02:48	22°♈39'16	
max. Earth dist.	-677 Apr 23 j 23:08	24°♈30'23	1.32381 AU
superior conj	-677 Apr 24 j 14:18	25°♈53'32	0°15'36
minimum elong	-677 Apr 24 j 13:36	25°♈49'41	0°15'27
behind sun begin	-677 Apr 24 j 12:33	25°♈43'55	
behind sun end	-677 Apr 24 j 14:40	25°♈55'28	
	-677 Apr 26 j 11:16	0°♉	
evening rise	-677 May 01 j 13:03	10°♉57'02	
	-677 May 11 j 08:03	0°♊	
evening max el	-677 May 29 j 07:33	24°♊44'17	25°46'13
desc. node	-677 Jun 02 j 05:32	28°♊03'12	
	-677 Jun 05 j 07:05	0°♋	
retrograde	-677 Jun 12 j 09:05	1°♋56'58	
evening set	-677 Jun 18 j 07:54	0°♋32'11	
	-677 Jun 19 j 09:41	30°℞♊	
min. Earth dist.	-677 Jun 22 j 19:56	27°♊51'34	0.58549 AU
inferior conj	-677 Jun 26 j 02:52	25°♊28'23	-4°-40'-6
minimum elong	-677 Jun 26 j 02:02	25°♊29'55	4°40'04
morning rise	-677 Jul 03 j 23:57	21°♊05'39	
direct	-677 Jul 06 j 11:43	20°♊45'35	
morning max el	-677 Jul 14 j 16:04	24°♊37'56	18°40'18
	-677 Jul 19 j 05:18	0°♋	
asc. node	-677 Jul 20 j 02:03	1°♋14'30	
morning set	-677 Jul 30 j 23:04	20°♋34'11	
	-677 Aug 04 j 19:30	0°♌	
superior conj	-677 Aug 08 j 18:25	7°♌33'01	1°45'14
minimum elong	-677 Aug 08 j 19:59	7°♌40'21	1°45'11
max. Earth dist.	-677 Aug 15 j 21:42	20°♌33'21	1.39536 AU
evening rise	-677 Aug 20 j 01:18	27°♌43'03	
	-677 Aug 21 j 09:54	0°♍	
desc. node	-677 Aug 29 j 04:55	12°♍32'50	
	-677 Sep 10 j 01:52	0°♎	
evening max el	-677 Sep 24 j 05:00	17°♎18'18	24°01'23
retrograde	-677 Oct 05 j 04:07	23°♎45'12	
evening set	-677 Oct 10 j 09:21	21°♎34'55	
min. Earth dist.	-677 Oct 15 j 05:21	15°♎58'53	0.67493 AU
inferior conj	-677 Oct 15 j 19:22	15°♎11'21	0°-5'-4
minimum elong	-677 Oct 15 j 19:29	15°♎10'57	0°05'01
transit middle	-677 Oct 15 j 19:29	15°♎10'57	0°05'01
transit begin	-677 Oct 15 j 16:54	15°♎19'44	
transit end	-677 Oct 15 j 22:05	15°♎02'10	
asc. node	-677 Oct 16 j 01:15	14°♎51'27	
morning rise	-677 Oct 21 j 05:50	9°♎02'24	
direct	-677 Oct 25 j 02:46	7°♎37'10	
morning max el	-677 Nov 02 j 05:46	12°♎20'44	20°41'03
greatest brilliancy	-677 Nov 08 j 06:37	19°♎28'41	-0.5m
	-677 Nov 15 j 20:01	0°♏	
desc. node	-677 Nov 25 j 04:13	13°♏55'34	
morning set	-677 Dec 01 j 02:12	23°♏01'35	
	-677 Dec 05 j 12:55	0°♐	
max. Earth dist.	-677 Dec 10 j 07:48	7°♐39'24	1.43091 AU
superior conj	-677 Dec 16 j 21:15	18°♐27'00	-1°-52'-52
minimum elong	-677 Dec 16 j 16:35	18°♐07'27	1°52'39
	-677 Dec 23 j 15:43	0°♑	
evening rise	-677 Dec 29 j 00:27	9°♑24'50	
	-676 Jan 10 j 04:26	0°♒	
asc. node	-676 Jan 12 j 00:32	2°♒35'01	
evening max el	-676 Jan 15 j 03:17	6°♒14'19	18°08'08
retrograde	-676 Jan 21 j 16:44	9°♒39'42	
evening set	-676 Jan 24 j 09:56	9°♒03'55	
inferior conj	-676 Jan 30 j 21:03	3°♒55'35	3°52'34

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-676 Jan 30 j 20:58	3°♒55'47	3°52'34
min. Earth dist.	-676 Feb 02 j 18:50	0°♒59'29	0.62078 AU
	-676 Feb 03 j 20:02	30°℞♉	
morning rise	-676 Feb 06 j 05:43	28°♉01'16	
direct	-676 Feb 13 j 05:20	25°♉29'09	
desc. node	-676 Feb 21 j 03:21	28°♉15'01	
	-676 Feb 23 j 13:04	0°♒	
morning max el	-676 Feb 27 j 06:07	3°♒19'51	27°46'15
	-676 Mar 18 j 00:54	0°♓	
morning set	-676 Mar 31 j 13:28	24°♓56'48	
	-676 Apr 03 j 00:12	0°♈	
max. Earth dist.	-676 Apr 06 j 09:07	7°♈10'21	1.32665 AU
superior conj	-676 Apr 08 j 00:25	10°♈43'05	0°-10'-18
minimum elong	-676 Apr 08 j 00:54	10°♈45'42	0°10'13
behind sun begin	-676 Apr 07 j 20:57	10°♈24'13	
behind sun end	-676 Apr 08 j 04:51	11°♈07'13	
asc. node	-676 Apr 08 j 23:50	12°♈50'24	
evening rise	-676 Apr 15 j 00:38	25°♈52'05	
	-676 Apr 17 j 00:09	0°♉	
	-676 May 04 j 22:06	0°♊	
evening max el	-676 May 09 j 23:22	5°♊34'21	24°20'09
desc. node	-676 May 19 j 02:33	11°♊42'38	
retrograde	-676 May 23 j 20:56	12°♊34'32	
evening set	-676 May 28 j 11:33	11°♊47'04	
min. Earth dist.	-676 Jun 03 j 10:51	8°♊48'39	0.56715 AU
inferior conj	-676 Jun 06 j 02:48	7°♊07'30	-4°-12'-57
minimum elong	-676 Jun 05 j 21:30	7°♊15'56	4°12'07
morning rise	-676 Jun 14 j 11:16	3°♊03'55	
direct	-676 Jun 17 j 01:25	2°♊45'48	
morning max el	-676 Jun 26 j 13:53	7°♊10'55	19°34'23
asc. node	-676 Jul 05 j 23:05	19°♊45'56	
	-676 Jul 11 j 12:19	0°♋	
morning set	-676 Jul 13 j 23:59	4°♋55'37	
superior conj	-676 Jul 22 j 01:42	21°♋07'03	1°47'16
minimum elong	-676 Jul 22 j 01:17	21°♋04'57	1°47'16
	-676 Jul 26 j 16:08	0°♌	
max. Earth dist.	-676 Jul 28 j 00:47	2°♌32'59	1.37561 AU
evening rise	-676 Jul 31 j 21:28	9°♌34'52	
	-676 Aug 13 j 04:05	0°♍	
desc. node	-676 Aug 15 j 01:55	2°♍55'46	
	-676 Sep 04 j 19:04	0°♎	
evening max el	-676 Sep 05 j 16:31	0°♎53'41	25°17'40
retrograde	-676 Sep 17 j 15:25	7°♎47'48	
evening set	-676 Sep 23 j 11:33	5°♎20'36	
min. Earth dist.	-676 Sep 27 j 23:05	0°♎20'05	0.67047 AU
	-676 Sep 28 j 05:17	30°℞♍	
inferior conj	-676 Sep 28 j 23:48	28°♍59'38	-1°00'-22
minimum elong	-676 Sep 29 j 01:19	28°♍54'44	0°59'44
asc. node	-676 Oct 01 j 22:17	25°♍23'28	
morning rise	-676 Oct 04 j 15:38	22°♍58'22	
direct	-676 Oct 08 j 01:00	21°♍51'49	
morning max el	-676 Oct 15 j 08:28	26°♍01'57	19°35'35
	-676 Oct 18 j 19:46	0°♎	
greatest brilliancy	-676 Oct 23 j 21:32	6°♎52'15	-0.7m
	-676 Nov 08 j 04:23	0°♏	
morning set	-676 Nov 09 j 00:34	1°♏18'10	
desc. node	-676 Nov 11 j 01:14	4°♏27'00	
max. Earth dist.	-676 Nov 21 j 20:45	21°♏24'25	1.44371 AU
superior conj	-676 Nov 25 j 20:06	27°♏44'40	-1°-27'-9
minimum elong	-676 Nov 25 j 12:04	27°♏12'28	1°26'23
	-676 Nov 27 j 05:46	0°♐	
evening rise	-676 Dec 09 j 20:48	20°♐48'37	
	-676 Dec 15 j 07:57	0°♑	
evening max el	-676 Dec 28 j 15:49	19°♑33'24	18°21'28
asc. node	-676 Dec 28 j 21:33	19°♑47'46	
retrograde	-675 Jan 04 j 04:13	23°♑06'13	
evening set	-675 Jan 07 j 01:56	22°♑20'39	
inferior conj	-675 Jan 13 j 03:29	16°♑52'17	3°44'03
minimum elong	-675 Jan 13 j 01:43	16°♑57'18	3°43'51
min. Earth dist.	-675 Jan 15 j 10:25	14°♑17'08	0.63906 AU
morning rise	-675 Jan 19 j 00:00	10°♑48'39	
direct	-675 Jan 25 j 22:35	8°♑00'10	
desc. node	-675 Feb 07 j 00:24	14°♑18'16	
morning max el	-675 Feb 08 j 14:11	15°♑48'55	27°33'16
	-675 Feb 20 j 07:01	0°♒	
	-675 Mar 10 j 17:14	0°♓	
morning set	-675 Mar 15 j 09:57	9°♓01'00	
max. Earth dist.	-675 Mar 20 j 12:28	19°♓25'29	1.33349 AU
superior conj	-675 Mar 23 j 07:14	25°♓18'28	0°-36'-51
minimum elong	-675 Mar 23 j 08:59	25°♓27'49	0°36'31
	-675 Mar 25 j 11:47	0°♈	
asc. node	-675 Mar 26 j 20:52	2°♈57'45	
evening rise	-675 Mar 30 j 12:10	10°♈42'40	
	-675 Apr 09 j 12:52	0°♉	
evening max el	-675 Apr 21 j 14:59	16°♉10'35	22°45'06
retrograde	-675 May 04 j 19:54	22°♉42'11	
desc. node	-675 May 05 j 23:33	22°♉39'13	
evening set	-675 May 08 j 01:40	22°♉19'12	
min. Earth dist.	-675 May 15 j 23:44	18°♉50'59	0.55442 AU
inferior conj	-675 May 17 j 08:05	18°♉04'40	-3°-1'-35
minimum elong	-675 May 17 j 01:06	18°♉14'41	2°59'38
morning rise	-675 May 26 j 03:10	14°♉10'42	
direct	-675 May 28 j 21:32	13°♉52'51	
morning max el	-675 Jun 09 j 00:58	19°♉03'40	20°48'56
	-675 Jun 17 j 17:13	0°♊	
asc. node	-675 Jun 22 j 20:08	8°♊52'06	
morning set	-675 Jun 28 j 06:38	19°♊36'27	
	-675 Jul 03 j 06:57	0°♋	
superior conj	-675 Jul 05 j 20:26	5°♋17'10	1°41'29
minimum elong	-675 Jul 05 j 18:40	5°♋08'09	1°41'23
max. Earth dist.	-675 Jul 10 j 09:11	14°♋23'25	1.35798 AU
evening rise	-675 Jul 14 j 14:08	22°♋27'35	
	-675 Jul 18 j 17:27	0°♌	
desc. node	-675 Aug 01 j 22:55	23°♌00'40	
	-675 Aug 06 j 21:53	0°♍	
evening max el	-675 Aug 19 j 04:11	14°♍29'43	26°22'00
retrograde	-675 Aug 31 j 21:47	21°♍40'50	
evening set	-675 Sep 07 j 08:13	19°♍00'44	
min. Earth dist.	-675 Sep 11 j 11:50	14°♍37'46	0.66266 AU
inferior conj	-675 Sep 13 j 00:16	12°♍46'11	-1°-55'-48
minimum elong	-675 Sep 13 j 03:10	12°♍37'19	1°54'41
morning rise	-675 Sep 18 j 23:06	6°♍55'52	
asc. node	-675 Sep 18 j 19:20	7°♍01'20	
direct	-675 Sep 21 j 23:09	6°♍04'36	
morning max el	-675 Sep 28 j 17:53	9°♍50'54	18°45'16
	-675 Oct 13 j 01:43	0°♎	
morning set	-675 Oct 19 j 18:33	10°♎38'00	
desc. node	-675 Oct 28 j 22:16	25°♎07'03	
	-675 Nov 01 j 00:42	0°♏	
superior conj	-675 Nov 04 j 23:10	6°♏11'26	0°-44'-50
minimum elong	-675 Nov 04 j 17:25	5°♏48'51	0°44'08
max. Earth dist.	-675 Nov 04 j 14:30	5°♏37'22	1.44969 AU
	-675 Nov 19 j 23:33	0°♐	
evening rise	-675 Nov 20 j 17:58	1°♐13'47	
	-675 Dec 09 j 12:37	0°♑	
evening max el	-675 Dec 12 j 02:45	2°♑58'26	18°52'46
asc. node	-675 Dec 15 j 18:36	5°♑55'35	
retrograde	-675 Dec 18 j 22:03	6°♑49'17	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-675 Dec 22 j 01:24	5°♑52'37	
inferior conj	-675 Dec 27 j 20:00	0°♑06'41	3°20'50
minimum elong	-675 Dec 27 j 17:21	0°♑14'55	3°20'16
	-675 Dec 27 j 22:10	30°℞♐	
min. Earth dist.	-675 Dec 29 j 11:41	28°♐04'17	0.65378 AU
morning rise	-674 Jan 02 j 08:17	23°♐56'38	
direct	-674 Jan 08 j 22:24	21°♐06'36	
morning max el	-674 Jan 21 j 23:57	28°♐44'32	26°48'15
	-674 Jan 23 j 05:19	0°♑	
desc. node	-674 Jan 24 j 21:27	1°♑49'00	
	-674 Feb 14 j 02:09	0°♒	
morning set	-674 Feb 26 j 19:52	22°♒29'05	
	-674 Mar 02 j 16:16	0°♓	
max. Earth dist.	-674 Mar 03 j 05:44	1°♓07'19	1.34474 AU
superior conj	-674 Mar 07 j 08:38	9°♓32'36	-1°-2'-56
minimum elong	-674 Mar 07 j 11:33	9°♓47'45	1°02'26
asc. node	-674 Mar 13 j 17:55	22°♓56'35	
evening rise	-674 Mar 14 j 21:49	25°♓21'55	
	-674 Mar 17 j 04:05	0°♈	
evening max el	-674 Apr 03 j 13:01	27°♈00'57	21°15'00
	-674 Apr 07 j 04:22	0°♉	
retrograde	-674 Apr 15 j 10:05	2°♉46'28	
evening set	-674 Apr 17 j 18:56	2°♉33'31	
desc. node	-674 Apr 22 j 20:36	0°♉50'14	
	-674 Apr 24 j 12:34	30°℞♈	
inferior conj	-674 Apr 27 j 02:52	28°♈34'10	-1°-12'-38
minimum elong	-674 Apr 26 j 23:26	28°♈38'59	1°11'26
min. Earth dist.	-674 Apr 27 j 12:42	28°♈20'19	0.55016 AU
morning rise	-674 May 06 j 03:55	24°♈32'23	
direct	-674 May 09 j 08:06	24°♈10'33	
	-674 May 21 j 19:17	0°♉	
morning max el	-674 May 22 j 01:23	0°♉14'06	22°20'34
asc. node	-674 Jun 09 j 17:12	28°♉23'21	
	-674 Jun 10 j 12:25	0°♊	
morning set	-674 Jun 12 j 16:46	4°♊29'07	
superior conj	-674 Jun 19 j 23:00	19°♊51'34	1°29'39
minimum elong	-674 Jun 19 j 20:34	19°♊38'48	1°29'23
max. Earth dist.	-674 Jun 23 j 02:27	26°♊25'28	1.34374 AU
	-674 Jun 24 j 20:28	0°♋	
evening rise	-674 Jun 27 j 22:14	6°♋06'25	
	-674 Jul 11 j 09:13	0°♌	
desc. node	-674 Jul 19 j 19:56	12°♌38'40	
evening max el	-674 Aug 01 j 15:55	27°♌57'24	27°06'49
	-674 Aug 03 j 21:58	0°♍	
retrograde	-674 Aug 14 j 22:54	5°♍16'36	
evening set	-674 Aug 21 j 20:56	2°♍31'04	
	-674 Aug 24 j 13:46	30°℞♌	
min. Earth dist.	-674 Aug 25 j 17:17	28°♌45'52	0.65118 AU
inferior conj	-674 Aug 27 j 18:36	26°♌26'37	-2°-49'-18
minimum elong	-674 Aug 27 j 22:39	26°♌15'09	2°47'58
morning rise	-674 Sep 03 j 01:54	20°♌50'28	
direct	-674 Sep 05 j 18:59	20°♌10'54	
asc. node	-674 Sep 05 j 16:24	20°♌10'57	
morning max el	-674 Sep 12 j 07:47	23°♌42'40	18°11'26
	-674 Sep 17 j 09:12	0°♍	
morning set	-674 Sep 30 j 16:56	21°♍21'33	
	-674 Oct 05 j 22:50	0°♎	
superior conj	-674 Oct 15 j 02:22	14°♎44'48	0°04'39
minimum elong	-674 Oct 15 j 02:57	14°♎47'05	0°04'33
behind sun begin	-674 Oct 14 j 16:24	14°♎05'08	
behind sun end	-674 Oct 15 j 13:29	15°♎28'59	
desc. node	-674 Oct 15 j 19:18	15°♎52'03	
max. Earth dist.	-674 Oct 18 j 09:16	19°♎57'10	1.44825 AU
	-674 Oct 24 j 18:56	0°♏	

evening rise	-674 Oct 31 j 16:01	10°♏42'47	
	-674 Nov 13 j 04:44	0°♐	
greatest brilliancy	-674 Nov 17 j 09:51	6°♐12'58	-0.7m
evening max el	-674 Nov 25 j 09:54	16°♐25'50	19°40'38
retrograde	-674 Dec 02 j 19:04	20°♐43'33	
asc. node	-674 Dec 02 j 15:39	20°♐43'26	
evening set	-674 Dec 06 j 05:45	19°♐34'04	
inferior conj	-674 Dec 11 j 19:33	13°♐33'40	2°47'00
minimum elong	-674 Dec 11 j 16:42	13°♐43'01	2°46'09
min. Earth dist.	-674 Dec 12 j 21:18	12°♐09'06	0.66462 AU
morning rise	-674 Dec 17 j 02:57	7°♐19'35	
direct	-674 Dec 23 j 04:12	4°♐39'42	
morning max el	-673 Jan 04 j 09:14	11°♐54'18	25°39'11
desc. node	-673 Jan 11 j 18:31	20°♐21'38	
	-673 Jan 18 j 22:32	0°♑	
	-673 Feb 06 j 18:10	0°♒	
morning set	-673 Feb 09 j 14:44	5°♒08'04	
max. Earth dist.	-673 Feb 13 j 11:08	12°♒18'39	1.36045 AU
superior conj	-673 Feb 19 j 02:00	23°♒18'02	-1°-26'-54
minimum elong	-673 Feb 19 j 05:40	23°♒36'24	1°26'24
	-673 Feb 22 j 09:24	0°♓	
evening rise	-673 Feb 27 j 03:33	9°♓43'33	
asc. node	-673 Feb 28 j 14:59	12°♓42'26	
	-673 Mar 10 j 04:20	0°♈	
evening max el	-673 Mar 16 j 21:51	8°♈25'52	19°59'25
retrograde	-673 Mar 27 j 02:10	13°♈18'23	
evening set	-673 Mar 29 j 05:22	13°♈06'29	
inferior conj	-673 Apr 07 j 01:26	9°♈06'21	0°45'13
minimum elong	-673 Apr 07 j 03:24	9°♈03'21	0°44'32
min. Earth dist.	-673 Apr 09 j 02:55	7°♈51'19	0.55549 AU
desc. node	-673 Apr 09 j 17:38	7°♈29'33	
morning rise	-673 Apr 15 j 22:30	4°♈38'22	
direct	-673 Apr 19 j 23:00	4°♈02'46	
morning max el	-673 May 03 j 18:16	10°♈53'39	24°00'54
	-673 May 18 j 01:26	0°♉	
asc. node	-673 May 27 j 14:17	18°♉12'47	
morning set	-673 May 28 j 04:36	19°♉27'48	
	-673 Jun 02 j 02:37	0°♊	
superior conj	-673 Jun 04 j 06:40	4°♊41'31	1°13'06
minimum elong	-673 Jun 04 j 04:11	4°♊28'05	1°12'44
max. Earth dist.	-673 Jun 06 j 04:50	8°♊49'23	1.33338 AU
evening rise	-673 Jun 11 j 17:27	20°♊19'02	
	-673 Jun 16 j 16:54	0°♋	
	-673 Jul 05 j 10:41	0°♌	
desc. node	-673 Jul 06 j 16:57	1°♌38'24	
evening max el	-673 Jul 15 j 02:29	11°♌05'39	27°25'15
retrograde	-673 Jul 28 j 18:19	18°♌26'16	
evening set	-673 Aug 04 j 22:36	15°♌46'47	
min. Earth dist.	-673 Aug 08 j 13:36	12°♌35'30	0.63601 AU
inferior conj	-673 Aug 11 j 04:13	9°♌55'40	-3°-37'-54
minimum elong	-673 Aug 11 j 08:50	9°♌43'52	3°36'43
morning rise	-673 Aug 17 j 21:11	4°♌36'50	
direct	-673 Aug 20 j 09:48	4°♌05'41	
asc. node	-673 Aug 23 j 13:29	4°♌54'50	
morning max el	-673 Aug 26 j 23:26	7°♌31'15	17°55'02
	-673 Sep 10 j 19:14	0°♍	
morning set	-673 Sep 12 j 17:04	3°♍19'10	
superior conj	-673 Sep 25 j 01:42	24°♍19'43	0°48'50
minimum elong	-673 Sep 25 j 06:22	24°♍39'00	0°48'15
	-673 Sep 28 j 12:57	0°♎	
max. Earth dist.	-673 Oct 01 j 01:42	4°♎04'36	1.43977 AU
desc. node	-673 Oct 02 j 16:19	6°♎38'39	
evening rise	-673 Oct 10 j 23:30	19°♎38'00	
	-673 Oct 17 j 18:25	0°♏	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

greatest brilliancy	-673 Nov 02 j 15:51	22°♏57'07	-0.5m
evening max el	-673 Nov 08 j 11:43	29°♏53'30	20°42'50
	-673 Nov 08 j 14:15	0°♐	
retrograde	-673 Nov 16 j 16:39	4°♐44'45	
asc. node	-673 Nov 19 j 12:43	3°♐58'55	
evening set	-673 Nov 20 j 12:45	3°♐20'18	
	-673 Nov 23 j 19:43	30°℞♏	
inferior conj	-673 Nov 25 j 23:33	27°♏08'51	2°05'16
minimum elong	-673 Nov 25 j 21:04	27°♏17'19	2°04'23
min. Earth dist.	-673 Nov 26 j 13:00	26°♏23'01	0.67181 AU
morning rise	-673 Dec 01 j 04:56	20°♏53'01	
direct	-673 Dec 06 j 15:16	18°♏31'10	
morning max el	-673 Dec 17 j 17:36	25°♏08'30	24°15'44
	-673 Dec 22 j 03:22	0°♐	
desc. node	-673 Dec 29 j 15:34	9°♐37'24	
	-672 Jan 12 j 10:53	0°♑	
morning set	-672 Jan 22 j 12:35	16°♑40'16	
max. Earth dist.	-672 Jan 26 j 07:29	23°♑21'53	1.37990 AU
	-672 Jan 29 j 22:27	0°♒	
superior conj	-672 Feb 02 j 07:49	6°♒24'26	-1°-46'-32
minimum elong	-672 Feb 02 j 11:19	6°♒41'17	1°46'15
evening rise	-672 Feb 11 j 02:53	23°♒39'42	
	-672 Feb 14 j 08:52	0°♓	
asc. node	-672 Feb 15 j 12:02	2°♓09'08	
evening max el	-672 Feb 27 j 17:32	20°♓28'29	19°02'40
retrograde	-672 Mar 07 j 07:37	24°♓36'21	
evening set	-672 Mar 09 j 13:49	24°♓20'25	
inferior conj	-672 Mar 17 j 15:57	20°♓06'20	2°20'51
minimum elong	-672 Mar 17 j 20:24	19°♓58'35	2°19'36
min. Earth dist.	-672 Mar 20 j 18:43	17°♓56'54	0.56919 AU
morning rise	-672 Mar 25 j 22:50	15°♓05'55	
desc. node	-672 Mar 26 j 14:42	14°♓51'02	
direct	-672 Mar 31 j 02:48	14°♓02'51	
morning max el	-672 Apr 14 j 09:04	21°♓25'08	25°36'45
	-672 Apr 21 j 20:17	0°♈	
	-672 May 09 j 13:01	0°♉	
morning set	-672 May 11 j 16:27	4°♉26'38	
asc. node	-672 May 13 j 11:20	8°♉14'26	
superior conj	-672 May 18 j 17:17	19°♉39'35	0°52'54
minimum elong	-672 May 18 j 15:13	19°♉28'13	0°52'31
max. Earth dist.	-672 May 19 j 14:07	21°♉33'19	1.32682 AU
	-672 May 23 j 12:07	0°♊	
evening rise	-672 May 25 j 20:24	4°♊54'36	
	-672 Jun 08 j 09:07	0°♋	
desc. node	-672 Jun 22 j 13:58	19°♋43'50	
evening max el	-672 Jun 26 j 09:45	23°♋42'26	27°12'14
	-672 Jul 05 j 10:33	0°♌	
retrograde	-672 Jul 10 j 07:06	1°♌00'34	
	-672 Jul 14 j 23:01	30°℞♋	
evening set	-672 Jul 17 j 09:15	28°♋40'59	
min. Earth dist.	-672 Jul 20 j 23:49	25°♋54'12	0.61760 AU
inferior conj	-672 Jul 24 j 02:03	23°♋06'18	-4°-16'-57
minimum elong	-672 Jul 24 j 06:01	22°♋57'17	4°16'19
morning rise	-672 Jul 31 j 05:32	18°♋07'42	
direct	-672 Aug 02 j 16:14	17°♋42'10	
asc. node	-672 Aug 09 j 10:33	21°♋01'53	
morning max el	-672 Aug 09 j 13:55	21°♋10'02	17°57'05
	-672 Aug 16 j 06:31	0°♌	
morning set	-672 Aug 25 j 13:05	16°♌14'24	
	-672 Sep 02 j 04:17	0°♍	
superior conj	-672 Sep 05 j 04:33	5°♍16'28	1°20'50
minimum elong	-672 Sep 05 j 09:21	5°♍37'16	1°20'20
max. Earth dist.	-672 Sep 12 j 13:58	17°♍45'40	1.42540 AU
desc. node	-672 Sep 18 j 13:20	27°♍24'06	
evening rise	-672 Sep 19 j 10:02	28°♍45'49	
	-672 Sep 20 j 04:54	0°♎	
	-672 Oct 10 j 11:32	0°♏	
greatest brilliancy	-672 Oct 16 j 13:15	7°♏57'13	-0.4m
evening max el	-672 Oct 21 j 07:49	13°♏22'16	21°55'54
retrograde	-672 Oct 30 j 12:57	18°♏50'56	
evening set	-672 Nov 03 j 20:36	17°♏09'25	
asc. node	-672 Nov 05 j 09:46	15°♏43'07	
inferior conj	-672 Nov 09 j 06:00	10°♏50'23	1°17'44
minimum elong	-672 Nov 09 j 04:17	10°♏56'18	1°17'03
min. Earth dist.	-672 Nov 09 j 08:21	10°♏42'17	0.67563 AU
morning rise	-672 Nov 14 j 11:45	4°♏35'20	
direct	-672 Nov 19 j 06:49	2°♏35'26	
morning max el	-672 Nov 29 j 03:31	8°♏26'52	22°47'59
greatest brilliancy	-672 Dec 03 j 20:05	13°♏41'53	-0.3m
desc. node	-672 Dec 15 j 12:37	29°♏24'16	
	-672 Dec 15 j 22:31	0°♐	
morning set	-671 Jan 02 j 07:15	26°♐50'34	
	-671 Jan 04 j 04:54	0°♑	
max. Earth dist.	-671 Jan 07 j 02:59	4°♑56'22	1.40112 AU
superior conj	-671 Jan 14 j 21:38	18°♑40'40	-1°-58'-45
minimum elong	-671 Jan 14 j 23:26	18°♑48'53	1°58'43
	-671 Jan 20 j 23:45	0°♒	
evening rise	-671 Jan 24 j 16:55	7°♒03'27	
asc. node	-671 Feb 01 j 09:04	21°♒10'15	
	-671 Feb 07 j 04:43	0°♓	
evening max el	-671 Feb 09 j 21:44	3°♓02'47	18°25'52
retrograde	-671 Feb 17 j 07:56	6°♓42'05	
evening set	-671 Feb 19 j 18:46	6°♓19'21	
inferior conj	-671 Feb 27 j 03:16	1°♓44'42	3°21'04
minimum elong	-671 Feb 27 j 06:47	1°♓37'32	3°20'28
	-671 Mar 01 j 06:29	30°℞♒	
min. Earth dist.	-671 Mar 02 j 13:37	28°♒58'24	0.58824 AU
morning rise	-671 Mar 06 j 15:06	26°♒16'59	
direct	-671 Mar 12 j 19:40	24°♒37'08	
desc. node	-671 Mar 13 j 11:45	24°♒38'18	
	-671 Mar 24 j 15:34	0°♓	
morning max el	-671 Mar 27 j 03:19	2°♓16'08	26°52'57
	-671 Apr 16 j 02:23	0°♈	
morning set	-671 Apr 26 j 02:38	19°♈19'36	
asc. node	-671 Apr 30 j 08:21	28°♈23'16	
	-671 May 01 j 02:06	0°♉	
superior conj	-671 May 03 j 05:01	4°♉39'02	0°29'52
minimum elong	-671 May 03 j 03:43	4°♉31'57	0°29'35
max. Earth dist.	-671 May 03 j 02:51	4°♉27'11	1.32392 AU
evening rise	-671 May 10 j 04:22	19°♉43'51	
	-671 May 15 j 06:21	0°♊	
	-671 Jun 03 j 06:31	0°♋	
evening max el	-671 Jun 08 j 11:05	5°♋36'14	26°26'10
desc. node	-671 Jun 09 j 11:00	6°♋31'40	
retrograde	-671 Jun 22 j 11:30	12°♋50'47	
evening set	-671 Jun 29 j 00:14	11°♋03'47	
min. Earth dist.	-671 Jul 03 j 00:13	8°♋26'16	0.59728 AU
inferior conj	-671 Jul 06 j 08:28	5°♋48'16	-4°-39'-6
minimum elong	-671 Jul 06 j 09:56	5°♋45'21	4°39'02
morning rise	-671 Jul 13 j 22:59	1°♋12'16	
direct	-671 Jul 16 j 10:04	0°♋50'26	
morning max el	-671 Jul 24 j 00:12	4°♋30'09	18°18'39
asc. node	-671 Jul 27 j 07:35	8°♋15'56	
morning set	-671 Aug 08 j 23:25	29°♋51'16	
	-671 Aug 09 j 01:15	0°♌	
superior conj	-671 Aug 18 j 08:10	17°♌26'39	1°39'41
minimum elong	-671 Aug 18 j 11:02	17°♌39'46	1°39'30
	-671 Aug 25 j 10:04	0°♍	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

max. Earth dist.	-671 Aug 25 j 20:59	0°♍46'51	1.40693 AU
evening rise	-671 Aug 30 j 15:23	8°♍46'39	
desc. node	-671 Sep 05 j 10:21	18°♍04'14	
	-671 Sep 13 j 06:40	0°♎	
greatest brilliancy	-671 Sep 27 j 13:39	19°♎37'31	-0.2m
evening max el	-671 Oct 03 j 22:52	26°♎52'27	23°15'13
	-671 Oct 07 j 10:16	0°♏	
retrograde	-671 Oct 14 j 06:31	2°♏58'51	
evening set	-671 Oct 19 j 03:36	0°♏58'55	
	-671 Oct 20 j 05:10	30°℞♎	
asc. node	-671 Oct 23 j 06:47	26°♎19'03	
min. Earth dist.	-671 Oct 24 j 04:54	25°♎03'51	0.67617 AU
inferior conj	-671 Oct 24 j 13:00	24°♎36'00	0°26'01
minimum elong	-671 Oct 24 j 12:24	24°♎38'06	0°25'45
morning rise	-671 Oct 29 j 21:14	18°♎24'15	
direct	-671 Nov 03 j 01:49	16°♎46'53	
morning max el	-671 Nov 11 j 18:36	21°♎52'59	21°24'36
greatest brilliancy	-671 Nov 16 j 22:26	27°♎48'18	-0.4m
	-671 Nov 18 j 15:30	0°♏	
desc. node	-671 Dec 02 j 09:40	19°♏33'18	
	-671 Dec 09 j 06:17	0°♐	
morning set	-671 Dec 12 j 21:20	5°♐40'13	
max. Earth dist.	-671 Dec 20 j 04:36	17°♐26'00	1.42111 AU
superior conj	-671 Dec 27 j 14:04	29°♐53'37	-1°-59'-27
minimum elong	-671 Dec 27 j 12:09	29°♐45'19	1°59'26
	-671 Dec 27 j 15:33	0°♑	
evening rise	-670 Jan 07 j 18:10	19°♑47'25	
	-670 Jan 13 j 10:08	0°♒	
asc. node	-670 Jan 19 j 06:05	9°♒37'47	
evening max el	-670 Jan 24 j 07:26	16°♒00'26	18°08'59
retrograde	-670 Jan 31 j 01:32	19°♒27'10	
evening set	-670 Feb 02 j 16:25	18°♒56'25	
inferior conj	-670 Feb 09 j 10:19	13°♒59'53	3°48'35
minimum elong	-670 Feb 09 j 11:32	13°♒57'01	3°48'31
min. Earth dist.	-670 Feb 12 j 14:51	11°♒00'41	0.60907 AU
morning rise	-670 Feb 16 j 03:52	8°♒13'08	
direct	-670 Feb 22 j 23:29	5°♒57'33	
desc. node	-670 Feb 28 j 08:48	7°♒14'24	
morning max el	-670 Mar 09 j 03:57	13°♒45'31	27°37'31
	-670 Mar 22 j 04:36	0°♓	
	-670 Apr 08 j 10:02	0°♈	
morning set	-670 Apr 10 j 09:21	4°♈00'23	
max. Earth dist.	-670 Apr 16 j 15:09	17°♈17'28	1.32457 AU
asc. node	-670 Apr 17 j 05:23	18°♈35'04	
superior conj	-670 Apr 17 j 16:12	19°♈34'11	0°04'47
minimum elong	-670 Apr 17 j 15:59	19°♈32'58	0°04'44
behind sun begin	-670 Apr 17 j 11:08	19°♈06'28	
behind sun end	-670 Apr 17 j 20:50	19°♈59'30	
	-670 Apr 22 j 10:57	0°♉	
evening rise	-670 Apr 24 j 15:12	4°♉39'09	
	-670 May 08 j 04:29	0°♊	
evening max el	-670 May 21 j 05:32	16°♊45'46	25°11'38
desc. node	-670 May 27 j 07:59	21°♊30'57	
retrograde	-670 Jun 04 j 06:01	23°♊54'22	
evening set	-670 Jun 09 j 16:26	22°♊46'03	
min. Earth dist.	-670 Jun 14 j 17:15	19°♊59'52	0.57729 AU
inferior conj	-670 Jun 17 j 20:04	17°♊52'20	-4°-33'-34
minimum elong	-670 Jun 17 j 17:16	17°♊57'08	4°33'21
morning rise	-670 Jun 25 j 22:01	13°♊38'42	
direct	-670 Jun 28 j 10:53	13°♊19'28	
morning max el	-670 Jul 07 j 03:25	17°♊23'27	19°00'44
asc. node	-670 Jul 14 j 04:38	26°♊22'54	
	-670 Jul 16 j 09:10	0°♋	
morning set	-670 Jul 23 j 19:56	13°♋58'59	
	-670 Jul 31 j 23:42	0°♌	
superior conj	-670 Aug 01 j 06:58	0°♌34'56	1°47'11
minimum elong	-670 Aug 01 j 07:37	0°♌38'03	1°47'10
max. Earth dist.	-670 Aug 08 j 00:01	13°♌04'41	1.38687 AU
evening rise	-670 Aug 11 j 21:45	19°♌58'15	
	-670 Aug 17 j 21:15	0°♍	
desc. node	-670 Aug 23 j 07:21	8°♍34'48	
	-670 Sep 07 j 09:54	0°♎	
evening max el	-670 Sep 16 j 10:52	10°♎25'18	24°34'40
retrograde	-670 Sep 27 j 20:25	17°♎04'55	
evening set	-670 Oct 03 j 08:06	14°♎46'49	
min. Earth dist.	-670 Oct 08 j 00:19	9°♎25'52	0.67348 AU
inferior conj	-670 Oct 08 j 18:54	8°♎23'50	0°-28'-24
minimum elong	-670 Oct 08 j 19:35	8°♎21'31	0°28'07
asc. node	-670 Oct 10 j 03:50	6°♎35'30	
morning rise	-670 Oct 14 j 07:28	2°♎18'03	
direct	-670 Oct 17 j 23:10	1°♎01'20	
morning max el	-670 Oct 25 j 17:04	5°♎29'19	20°11'28
greatest brilliancy	-670 Nov 01 j 14:20	13°♎50'23	-0.6m
	-670 Nov 12 j 17:38	0°♏	
desc. node	-670 Nov 19 j 06:42	9°♏57'59	
morning set	-670 Nov 21 j 18:34	13°♏48'47	
	-670 Dec 02 j 01:54	0°♐	
max. Earth dist.	-670 Dec 02 j 13:46	0°♐47'26	1.43709 AU
superior conj	-670 Dec 08 j 04:18	9°♐52'35	-1°-44'-13
minimum elong	-670 Dec 07 j 21:45	9°♐25'45	1°43'45
	-670 Dec 20 j 02:33	0°♑	
evening rise	-670 Dec 21 j 02:23	1°♑42'58	
asc. node	-669 Jan 06 j 03:07	27°♑21'17	
evening max el	-669 Jan 07 j 19:40	29°♑13'12	18°11'31
	-669 Jan 08 j 15:16	0°♒	
retrograde	-669 Jan 14 j 07:47	2°♒40'47	
evening set	-669 Jan 17 j 02:43	2°♒01'04	
	-669 Jan 20 j 02:06	30°℞♑	
inferior conj	-669 Jan 23 j 09:23	26°♑43'49	3°51'07
minimum elong	-669 Jan 23 j 08:29	26°♑46'12	3°51'03
min. Earth dist.	-669 Jan 26 j 01:02	23°♑54'35	0.62886 AU
morning rise	-669 Jan 29 j 12:20	20°♑44'46	
direct	-669 Feb 05 j 12:22	18°♑03'56	
desc. node	-669 Feb 15 j 05:52	22°♑12'26	
morning max el	-669 Feb 19 j 10:11	25°♑55'20	27°45'10
	-669 Feb 23 j 05:22	0°♒	
	-669 Mar 15 j 16:28	0°♓	
morning set	-669 Mar 25 j 10:20	18°♓20'16	
max. Earth dist.	-669 Mar 30 j 22:53	29°♓48'29	1.32901 AU
	-669 Mar 31 j 01:03	0°♈	
superior conj	-669 Apr 02 j 01:07	4°♈18'02	0°-21'-33
minimum elong	-669 Apr 02 j 02:08	4°♈23'32	0°21'20
asc. node	-669 Apr 04 j 02:25	8°♈44'52	
evening rise	-669 Apr 09 j 02:57	19°♈32'37	
	-669 Apr 14 j 06:23	0°♉	
evening max el	-669 May 02 j 20:11	27°♉25'13	23°39'54
	-669 May 05 j 19:18	0°♊	
desc. node	-669 May 14 j 05:01	4°♊04'11	
retrograde	-669 May 16 j 12:46	4°♊16'29	
evening set	-669 May 20 j 12:38	3°♊41'16	
min. Earth dist.	-669 May 27 j 06:53	0°♊31'31	0.56083 AU
	-669 May 28 j 03:57	30°℞♉	
inferior conj	-669 May 29 j 11:29	29°♉12'16	-3°-48'-14
minimum elong	-669 May 29 j 04:53	29°♉22'15	3°46'50
morning rise	-669 Jun 07 j 00:45	25°♉14'46	
direct	-669 Jun 09 j 16:09	24°♉57'13	
morning max el	-669 Jun 19 j 20:55	29°♉40'14	20°03'46
	-669 Jun 20 j 05:18	0°♊	
asc. node	-669 Jul 01 j 01:41	15°♊10'01	
morning set	-669 Jul 07 j 23:34	28°♊29'10	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-669 Jul	08 j 17:28	0°♋	
superior conj	-669 Jul	15 j 19:38	14°♋25'56	1°45'38
minimum elong	-669 Jul	15 j 18:34	14°♋20'32	1°45'37
max. Earth dist.	-669 Jul	21 j 04:18	24°♋55'29	1.36772 AU
	-669 Jul	23 j 21:15	0°♌	
evening rise	-669 Jul	25 j 03:14	2°♌17'25	
desc. node	-669 Aug	10 j 04:21	28°♌50'49	
	-669 Aug	10 j 22:55	0°♍	
evening max el	-669 Aug	29 j 22:08	24°♍01'01	25°46'54
	-669 Sep	06 j 21:23	0°♎	
retrograde	-669 Sep	11 j 05:55	1°♎04'27	
	-669 Sep	15 j 05:42	30°℞♍	
evening set	-669 Sep	17 j 08:15	28°♍30'54	
min. Earth dist.	-669 Sep	21 j 16:17	23°♍46'11	0.66753 AU
inferior conj	-669 Sep	22 j 21:55	22°♍11'55	-1°-23'-59
minimum elong	-669 Sep	23 j 00:01	22°♍05'13	1°23'08
asc. node	-669 Sep	27 j 00:53	17°♍30'32	
morning rise	-669 Sep	28 j 16:32	16°♍14'58	
direct	-669 Oct	01 j 21:33	15°♍15'33	
morning max el	-669 Oct	08 j 22:57	19°♍14'45	19°12'12
	-669 Oct	17 j 08:06	0°♎	
morning set	-669 Oct	31 j 23:08	22°♎26'36	
	-669 Nov	05 j 19:08	0°♏	
desc. node	-669 Nov	06 j 03:43	0°♏33'32	
max. Earth dist.	-669 Nov	15 j 04:44	14°♏45'17	1.44708 AU
superior conj	-669 Nov	17 j 17:07	18°♏44'00	-1°-10'-51
minimum elong	-669 Nov	17 j 09:15	18°♏12'49	1°09'59
	-669 Nov	24 j 18:15	0°♐	
evening rise	-669 Dec	02 j 13:15	12°♐42'27	
	-669 Dec	13 j 03:10	0°♑	
evening max el	-669 Dec	22 j 07:50	12°♑35'32	18°32'41
asc. node	-669 Dec	24 j 00:10	14°♑08'25	
retrograde	-669 Dec	28 j 22:25	16°♑15'01	
evening set	-669 Dec	31 j 22:15	15°♑25'06	
inferior conj	-668 Jan	06 j 20:35	9°♑49'08	3°35'44
minimum elong	-668 Jan	06 j 18:20	9°♑55'46	3°35'22
min. Earth dist.	-668 Jan	08 j 21:02	7°♑26'33	0.64577 AU
morning rise	-668 Jan	12 j 13:07	3°♑42'16	
direct	-668 Jan	19 j 08:51	0°♑51'07	
morning max el	-668 Feb	01 j 19:20	8°♑37'29	27°17'32
desc. node	-668 Feb	02 j 02:55	8°♑56'34	
	-668 Feb	18 j 11:50	0°♒	
	-668 Mar	06 j 23:52	0°♓	
morning set	-668 Mar	08 j 02:47	2°♓10'23	
max. Earth dist.	-668 Mar	12 j 22:04	11°♓48'29	1.33770 AU
superior conj	-668 Mar	16 j 05:55	18°♓44'58	0°-48'-4
minimum elong	-668 Mar	16 j 08:11	18°♓56'58	0°47'39
asc. node	-668 Mar	20 j 23:29	28°♓48'47	
	-668 Mar	21 j 12:53	0°♈	
evening rise	-668 Mar	23 j 13:55	4°♈18'32	
	-668 Apr	06 j 19:32	0°♉	
evening max el	-668 Apr	13 j 13:47	8°♉03'50	22°05'28
retrograde	-668 Apr	26 j 07:14	14°♉17'35	
evening set	-668 Apr	29 j 01:47	14°♉00'33	
desc. node	-668 Apr	30 j 02:04	13°♉46'16	
inferior conj	-668 May	08 j 10:47	9°♉54'22	-2°-18'-41
minimum elong	-668 May	08 j 04:45	10°♉02'53	2°16'45
min. Earth dist.	-668 May	07 j 19:59	10°♉15'13	0.55143 AU
morning rise	-668 May	17 j 09:14	5°♉59'04	
direct	-668 May	20 j 06:34	5°♉40'21	
morning max el	-668 Jun	01 j 03:17	11°♉14'09	21°26'12
	-668 Jun	14 j 13:45	0°♊	
asc. node	-668 Jun	16 j 22:45	4°♊27'20	
morning set	-668 Jun	21 j 07:54	13°♊15'03	
superior conj	-668 Jun	28 j 18:03	28°♊47'02	1°37'06
minimum elong	-668 Jun	28 j 15:56	28°♊36'01	1°36'57
	-668 Jun	29 j 08:08	0°♋	
max. Earth dist.	-668 Jul	02 j 15:55	6°♋47'01	1.35144 AU
evening rise	-668 Jul	07 j 03:02	15°♋31'13	
	-668 Jul	15 j 03:19	0°♌	
desc. node	-668 Jul	27 j 01:22	18°♌45'11	
	-668 Aug	04 j 12:17	0°♍	
evening max el	-668 Aug	11 j 09:57	7°♍34'48	26°44'00
retrograde	-668 Aug	24 j 10:14	14°♍50'44	
evening set	-668 Aug	31 j 01:54	12°♍07'26	
min. Earth dist.	-668 Sep	04 j 02:21	8°♍00'24	0.65816 AU
inferior conj	-668 Sep	05 j 20:04	5°♍56'32	-2°-18'-55
minimum elong	-668 Sep	05 j 23:30	5°♍46'20	2°17'39
morning rise	-668 Sep	11 j 22:20	0°♍11'34	
	-668 Sep	12 j 07:41	30°℞♌	
asc. node	-668 Sep	12 j 21:58	29°♌45'32	
direct	-668 Sep	14 j 19:03	29°♌25'45	
	-668 Sep	17 j 07:27	0°♍	
morning max el	-668 Sep	21 j 10:32	3°♍05'09	18°28'44
	-668 Oct	09 j 17:57	0°♎	
morning set	-668 Oct	11 j 05:01	2°♎21'40	
desc. node	-668 Oct	23 j 00:43	21°♎15'43	
superior conj	-668 Oct	26 j 17:23	27°♎05'35	0°-23'-57
minimum elong	-668 Oct	26 j 14:13	26°♎53'07	0°23'33
max. Earth dist.	-668 Oct	27 j 22:57	29°♎01'54	1.44999 AU
	-668 Oct	28 j 13:44	0°♏	
evening rise	-668 Nov	12 j 00:06	22°♏41'48	
	-668 Nov	16 j 15:06	0°♐	
greatest brilliancy	-668 Nov	24 j 04:00	11°♐46'14	-0.7m
evening max el	-668 Dec	04 j 17:28	26°♐01'58	19°11'18
asc. node	-668 Dec	09 j 21:15	29°♐43'50	
	-668 Dec	11 j 00:23	0°♑	
retrograde	-668 Dec	11 j 17:49	0°♑02'59	
	-668 Dec	12 j 11:06	30°℞♐	
evening set	-668 Dec	15 j 00:05	29°♐01'08	
inferior conj	-668 Dec	20 j 16:26	23°♐08'56	3°07'33
minimum elong	-668 Dec	20 j 13:36	23°♐17'53	3°06'51
min. Earth dist.	-668 Dec	22 j 02:04	21°♐22'10	0.65893 AU
morning rise	-668 Dec	26 j 02:16	16°♐57'03	
direct	-667 Jan	01 j 11:27	14°♐09'49	
morning max el	-667 Jan	14 j 04:48	21°♐39'13	26°21'07
desc. node	-667 Jan	18 j 23:58	26°♐55'45	
	-667 Jan	21 j 12:15	0°♑	
	-667 Feb	10 j 16:43	0°♒	
morning set	-667 Feb	19 j 06:54	15°♒18'57	
max. Earth dist.	-667 Feb	23 j 09:57	23°♒14'11	1.35090 AU
	-667 Feb	26 j 19:18	0°♓	
superior conj	-667 Feb	28 j 04:16	2°♓47'53	-1°-13'-29
minimum elong	-667 Feb	28 j 07:34	3°♓04'49	1°12'57
evening rise	-667 Mar	07 j 22:08	18°♓50'47	
asc. node	-667 Mar	07 j 20:33	18°♓42'37	
	-667 Mar	13 j 13:09	0°♈	
evening max el	-667 Mar	26 j 16:19	19°♈07'59	20°40'45
retrograde	-667 Apr	06 j 20:08	24°♈30'06	
evening set	-667 Apr	09 j 01:09	24°♈18'20	
desc. node	-667 Apr	16 j 23:07	21°♈04'13	
inferior conj	-667 Apr	18 j 05:22	20°♈21'04	0°-21'-35
minimum elong	-667 Apr	18 j 04:21	20°♈22'31	0°21'14
min. Earth dist.	-667 Apr	19 j 09:25	19°♈40'47	0.55129 AU
morning rise	-667 Apr	27 j 06:06	16°♈09'55	
direct	-667 Apr	30 j 17:58	15°♈43'30	
morning max el	-667 May	13 j 23:46	22°♈08'40	23°02'53
	-667 May	20 j 19:46	0°♉	
asc. node	-667 Jun	03 j 19:49	24°♉07'08	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-667 Jun 05 j 19:00	28°♉11'06		
	-667 Jun 06 j 15:43	0°♊		
superior conj	-667 Jun 12 j 23:05	13°♊29'00	1°23'09	
minimum elong	-667 Jun 12 j 20:34	13°♊15'34	1°22'49	
max. Earth dist.	-667 Jun 15 j 13:28	18°♊59'08	1.33887 AU	
evening rise	-667 Jun 20 j 16:23	29°♊26'16		
	-667 Jun 20 j 23:13	0°♋		
	-667 Jul 08 j 05:31	0°♌		
desc. node	-667 Jul 13 j 22:25	8°♌08'46		
evening max el	-667 Jul 24 j 21:44	20°♌57'00	27°18'20	
retrograde	-667 Aug 07 j 08:53	28°♌16'37		
evening set	-667 Aug 14 j 10:20	25°♌32'28		
min. Earth dist.	-667 Aug 18 j 04:12	22°♌02'14	0.64518 AU	
inferior conj	-667 Aug 20 j 11:04	19°♌33'26	-3°-10'-45	
minimum elong	-667 Aug 20 j 15:28	19°♌21'29	3°09'25	
morning rise	-667 Aug 26 j 22:20	14°♌03'58		
direct	-667 Aug 29 j 13:17	13°♌28'12		
asc. node	-667 Aug 30 j 19:01	13°♌36'14		
morning max el	-667 Sep 05 j 01:28	16°♌56'14	18°02'15	
	-667 Sep 14 j 11:20	0°♍		
morning set	-667 Sep 22 j 15:07	13°♍39'28		
	-667 Oct 02 j 10:37	0°♎		
superior conj	-667 Oct 06 j 03:21	6°♎00'02	0°24'36	
minimum elong	-667 Oct 06 j 06:11	6°♎11'28	0°24'13	
desc. node	-667 Oct 09 j 21:45	12°♎01'45		
max. Earth dist.	-667 Oct 10 j 17:34	13°♎20'24	1.44556 AU	
	-667 Oct 21 j 09:13	0°♏		
evening rise	-667 Oct 22 j 14:22	1°♏52'38		
	-667 Nov 10 j 08:13	0°♐		
greatest brilliancy	-667 Nov 11 j 00:52	0°♐57'51	-0.6m	
evening max el	-667 Nov 17 j 22:34	9°♐29'50	20°05'29	
retrograde	-667 Nov 25 j 15:16	14°♐00'35		
asc. node	-667 Nov 26 j 18:18	13°♐53'20		
evening set	-667 Nov 29 j 05:48	12°♐44'48		
inferior conj	-667 Dec 04 j 18:08	6°♐39'18	2°30'04	
minimum elong	-667 Dec 04 j 15:23	6°♐48'30	2°29'11	
min. Earth dist.	-667 Dec 05 j 14:24	5°♐31'29	0.66822 AU	
morning rise	-667 Dec 10 j 00:23	0°♐24'27		
	-667 Dec 10 j 11:47	30°℞♏		
direct	-667 Dec 15 j 19:30	27°♏51'39		
	-667 Dec 21 j 19:58	0°♐		
morning max el	-667 Dec 27 j 13:30	4°♐50'58	25°04'45	
desc. node	-666 Jan 05 j 21:00	15°♐48'06		
	-666 Jan 15 j 22:50	0°♑		
morning set	-666 Feb 01 j 17:33	27°♑30'59		
	-666 Feb 03 j 02:39	0°♒		
max. Earth dist.	-666 Feb 05 j 11:02	4°♒18'49	1.36842 AU	
superior conj	-666 Feb 11 j 17:11	16°♒17'48	-1°-35'-55	
minimum elong	-666 Feb 11 j 20:56	16°♒36'15	1°35'30	
	-666 Feb 18 j 13:15	0°♓		
evening rise	-666 Feb 20 j 01:28	3°♓02'22		
asc. node	-666 Feb 22 j 17:37	8°♓20'55		
	-666 Mar 08 j 10:24	0°♈		
evening max el	-666 Mar 09 j 05:54	0°♈48'43	19°32'48	
retrograde	-666 Mar 18 j 16:48	5°♈20'38		
evening set	-666 Mar 20 j 20:54	5°♈07'21		
inferior conj	-666 Mar 29 j 09:34	1°♈02'08	1°29'50	
minimum elong	-666 Mar 29 j 13:04	0°♈56'30	1°28'41	
	-666 Mar 31 j 00:14	30°℞♓		
min. Earth dist.	-666 Mar 31 j 23:47	29°♓22'51	0.56044 AU	
desc. node	-666 Apr 03 j 20:11	27°♓44'08		
morning rise	-666 Apr 07 j 01:40	26°♓20'44		
direct	-666 Apr 11 j 13:33	25°♓35'16		
	-666 Apr 22 j 12:41	0°♈		
morning max el	-666 Apr 25 j 14:55	2°♈40'46	24°43'17	
	-666 May 14 j 16:42	0°♉		
morning set	-666 May 21 j 07:03	13°♉10'32		
asc. node	-666 May 21 j 16:52	14°♉02'17		
superior conj	-666 May 28 j 08:13	28°♉22'50	1°04'56	
minimum elong	-666 May 28 j 05:51	28°♉09'59	1°04'32	
	-666 May 29 j 02:08	0°♊		
max. Earth dist.	-666 May 29 j 19:24	1°♊33'22	1.33014 AU	
evening rise	-666 Jun 04 j 15:14	13°♊49'29		
	-666 Jun 13 j 01:57	0°♋		
desc. node	-666 Jun 30 j 19:27	26°♋47'30		
	-666 Jul 03 j 13:18	0°♌		
evening max el	-666 Jul 07 j 07:11	3°♌52'55	27°23'42	
retrograde	-666 Jul 21 j 01:15	11°♌12'07		
evening set	-666 Jul 28 j 06:05	8°♌39'15		
min. Earth dist.	-666 Jul 31 j 20:03	5°♌40'09	0.62858 AU	
inferior conj	-666 Aug 03 j 16:02	2°♌55'08	-3°-56'00	
minimum elong	-666 Aug 03 j 20:34	2°♌44'06	3°55'00	
	-666 Aug 06 j 20:52	30°℞♋		
morning rise	-666 Aug 10 j 13:24	27°♋44'39		
direct	-666 Aug 13 j 01:01	27°♋16'04		
asc. node	-666 Aug 17 j 16:03	28°♋56'49		
	-666 Aug 18 j 23:28	0°♌		
morning max el	-666 Aug 19 j 16:57	0°♌41'07	17°53'39	
morning set	-666 Sep 05 j 00:25	26°♌03'21		
	-666 Sep 07 j 05:52	0°♍		
superior conj	-666 Sep 16 j 14:15	16°♍09'20	1°04'04	
minimum elong	-666 Sep 16 j 19:22	16°♍30'53	1°03'27	
max. Earth dist.	-666 Sep 23 j 08:54	27°♍20'00	1.43431 AU	
	-666 Sep 25 j 00:39	0°♎		
desc. node	-666 Sep 26 j 18:47	2°♎48'08		
evening rise	-666 Oct 01 j 20:50	10°♎47'08		
	-666 Oct 14 j 13:53	0°♏		
greatest brilliancy	-666 Oct 26 j 15:47	16°♏50'46	-0.4m	
evening max el	-666 Oct 31 j 21:53	22°♏57'42	21°12'44	
retrograde	-666 Nov 09 j 12:35	28°♏04'38		
evening set	-666 Nov 13 j 13:24	26°♏32'55		
asc. node	-666 Nov 13 j 15:18	26°♏29'15		
inferior conj	-666 Nov 18 j 23:24	20°♏17'34	1°45'42	
minimum elong	-666 Nov 18 j 21:13	20°♏25'08	1°44'52	
min. Earth dist.	-666 Nov 19 j 07:55	19°♏48'18	0.67384 AU	
morning rise	-666 Nov 24 j 04:41	14°♏01'52		
direct	-666 Nov 29 j 08:24	11°♏49'23		
morning max el	-666 Dec 09 j 22:21	18°♏07'40	23°38'27	
	-666 Dec 19 j 20:51	0°♐		
desc. node	-666 Dec 23 j 18:03	5°♐18'23		
	-665 Jan 09 j 01:32	0°♑		
morning set	-665 Jan 14 j 04:36	8°♑30'24		
max. Earth dist.	-665 Jan 18 j 06:29	15°♑33'15	1.38887 AU	
superior conj	-665 Jan 25 j 16:50	29°♑04'34	-1°-52'-50	
minimum elong	-665 Jan 25 j 19:51	29°♑18'45	1°52'41	
	-665 Jan 26 j 04:37	0°♒		
evening rise	-665 Feb 03 j 21:18	16°♒46'18		
asc. node	-665 Feb 09 j 14:39	27°♒37'56		
	-665 Feb 10 j 22:26	0°♓		
evening max el	-665 Feb 20 j 05:29	13°♓05'38	18°44'30	
retrograde	-665 Feb 28 j 06:30	16°♓59'48		
evening set	-665 Mar 02 j 14:31	16°♓41'19		
inferior conj	-665 Mar 10 j 08:52	12°♓18'42	2°50'46	
minimum elong	-665 Mar 10 j 13:13	12°♓10'34	2°49'45	
min. Earth dist.	-665 Mar 13 j 16:43	9°♓50'55	0.57680 AU	
morning rise	-665 Mar 18 j 07:48	7°♓05'21		
desc. node	-665 Mar 21 j 17:12	5°♓59'55		
direct	-665 Mar 23 j 22:48	5°♓47'30		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning max el	-665 Apr 07 j 06:54	13°♓18'32	26°12'29
	-665 Apr 20 j 10:29	0°♈	
morning set	-665 May 05 j 18:23	28°♈07'43	
	-665 May 06 j 15:40	0°♉	
asc. node	-665 May 08 j 13:55	4°♉07'39	
superior conj	-665 May 12 j 19:31	13°♉22'08	0°43'26
minimum elong	-665 May 12 j 17:44	13°♉12'21	0°43'04
max. Earth dist.	-665 May 13 j 06:33	14°♉22'40	1.32513 AU
evening rise	-665 May 19 j 20:35	28°♉31'26	
	-665 May 20 j 13:41	0°♊	
	-665 Jun 06 j 09:32	0°♋	
desc. node	-665 Jun 17 j 16:28	14°♋22'49	
evening max el	-665 Jun 19 j 11:52	16°♋10'53	26°56'26
retrograde	-665 Jul 03 j 10:46	23°♋28'16	
evening set	-665 Jul 10 j 08:54	21°♋20'49	
min. Earth dist.	-665 Jul 14 j 01:42	18°♋40'23	0.60909 AU
inferior conj	-665 Jul 17 j 07:41	15°♋53'53	-4°-28'-59
minimum elong	-665 Jul 17 j 10:51	15°♋47'06	4°28'37
morning rise	-665 Jul 24 j 15:52	11°♋05'08	
direct	-665 Jul 27 j 02:27	10°♋41'25	
morning max el	-665 Aug 03 j 06:03	14°♋12'50	18°03'51
asc. node	-665 Aug 04 j 13:06	15°♋33'47	
	-665 Aug 14 j 01:22	0°♌	
morning set	-665 Aug 19 j 03:01	9°♌16'59	
superior conj	-665 Aug 29 j 04:13	27°♌38'45	1°30'22
minimum elong	-665 Aug 29 j 08:19	27°♌56'56	1°30'00
	-665 Aug 30 j 12:15	0°♍	
max. Earth dist.	-665 Sep 05 j 18:31	10°♍43'20	1.41783 AU
evening rise	-665 Sep 11 j 13:45	20°♍12'31	
desc. node	-665 Sep 13 j 15:47	23°♍31'24	
	-665 Sep 17 j 19:38	0°♎	
	-665 Oct 08 j 23:55	0°♏	
greatest brilliancy	-665 Oct 09 j 20:47	1°♏04'03	-0.3m
evening max el	-665 Oct 14 j 15:28	6°♏26'02	22°29'13
retrograde	-665 Oct 24 j 08:00	12°♏11'44	
evening set	-665 Oct 28 j 21:06	10°♏22'29	
asc. node	-665 Oct 31 j 12:19	7°♏40'01	
inferior conj	-665 Nov 03 j 06:18	4°♏01'04	0°56'14
minimum elong	-665 Nov 03 j 05:01	4°♏05'29	0°55'42
min. Earth dist.	-665 Nov 03 j 04:08	4°♏08'34	0.67616 AU
	-665 Nov 06 j 07:52	30°℞♎	
morning rise	-665 Nov 08 j 12:50	27°♎46'56	
direct	-665 Nov 13 j 01:29	25°♎56'51	
	-665 Nov 20 j 21:06	0°♏	
morning max el	-665 Nov 22 j 10:08	1°♏29'07	22°11'37
greatest brilliancy	-665 Nov 27 j 02:37	6°♏45'49	-0.4m
desc. node	-665 Dec 10 j 15:04	25°♏15'23	
	-665 Dec 13 j 19:49	0°♐	
morning set	-665 Dec 25 j 10:47	18°♐05'00	
max. Earth dist.	-665 Dec 31 j 03:41	27°♐28'35	1.40989 AU
	-664 Jan 01 j 15:32	0°♑	
superior conj	-664 Jan 07 j 22:13	10°♑55'16	-2°00'-44
minimum elong	-664 Jan 07 j 22:41	10°♑57'20	2°00'45
evening rise	-664 Jan 18 j 06:23	29°♑54'05	
	-664 Jan 18 j 07:39	0°♒	
asc. node	-664 Jan 27 j 11:40	16°♒25'55	
evening max el	-664 Feb 03 j 12:24	25°♒50'55	18°16'16
retrograde	-664 Feb 10 j 14:32	29°♒23'05	
evening set	-664 Feb 13 j 03:02	28°♒57'12	
inferior conj	-664 Feb 20 j 04:58	24°♒13'32	3°36'16
minimum elong	-664 Feb 20 j 07:33	24°♒07'55	3°35'57
min. Earth dist.	-664 Feb 23 j 14:15	21°♒18'20	0.59707 AU
morning rise	-664 Feb 27 j 08:38	18°♒36'29	
direct	-664 Mar 04 j 20:58	16°♒40'19	
desc. node	-664 Mar 07 j 14:15	16°♒59'48	
morning max el	-664 Mar 19 j 03:51	24°♒24'47	27°16'08
	-664 Mar 24 j 06:13	0°♓	
	-664 Apr 12 j 14:38	0°♈	
morning set	-664 Apr 19 j 03:20	12°♈56'07	
asc. node	-664 Apr 24 j 10:58	24°♈18'12	
superior conj	-664 Apr 26 j 07:13	28°♈20'25	0°19'25
minimum elong	-664 Apr 26 j 06:21	28°♈15'41	0°19'14
max. Earth dist.	-664 Apr 25 j 19:22	27°♈15'27	1.32370 AU
	-664 Apr 27 j 01:22	0°♉	
evening rise	-664 May 03 j 06:00	13°♉23'47	
	-664 May 11 j 16:20	0°♊	
evening max el	-664 May 31 j 10:10	27°♊45'05	25°57'28
	-664 Jun 02 j 23:06	0°♋	
desc. node	-664 Jun 03 j 13:28	0°♋28'39	
retrograde	-664 Jun 14 j 11:41	4°♋58'26	
evening set	-664 Jun 20 j 14:25	3°♋27'51	
min. Earth dist.	-664 Jun 24 j 22:49	0°♋48'31	0.58848 AU
	-664 Jun 26 j 01:31	30°℞♊	
inferior conj	-664 Jun 28 j 06:28	28°♊20'52	-4°-40'-55
minimum elong	-664 Jun 28 j 06:17	28°♊21'12	4°40'56
morning rise	-664 Jul 06 j 01:49	23°♊54'39	
direct	-664 Jul 08 j 13:20	23°♊34'10	
morning max el	-664 Jul 16 j 13:44	27°♊23'00	18°34'00
	-664 Jul 19 j 00:00	0°♋	
asc. node	-664 Jul 21 j 10:09	3°♋12'07	
morning set	-664 Aug 01 j 18:09	23°♋08'06	
	-664 Aug 05 j 07:18	0°♌	
superior conj	-664 Aug 10 j 16:42	10°♌15'40	1°44'06
minimum elong	-664 Aug 10 j 18:37	10°♌24'32	1°44'01
max. Earth dist.	-664 Aug 17 j 22:59	23°♌23'42	1.39838 AU
	-664 Aug 21 j 19:21	0°♍	
evening rise	-664 Aug 22 j 05:39	0°♍43'17	
desc. node	-664 Aug 30 j 12:49	14°♍08'08	
	-664 Sep 10 j 05:04	0°♎	
evening max el	-664 Sep 26 j 05:00	19°♎57'30	23°49'30
retrograde	-664 Oct 07 j 00:11	26°♎19'15	
evening set	-664 Oct 12 j 03:15	24°♎11'43	
min. Earth dist.	-664 Oct 17 j 00:37	18°♎30'38	0.67536 AU
asc. node	-664 Oct 17 j 09:20	18°♎00'57	
inferior conj	-664 Oct 17 j 13:04	17°♎48'16	0°03'13
minimum elong	-664 Oct 17 j 12:59	17°♎48'32	0°03'10
transit middle	-664 Oct 17 j 12:59	17°♎48'32	0°03'10
transit begin	-664 Oct 17 j 10:19	17°♎57'36	
transit end	-664 Oct 17 j 15:39	17°♎39'27	
morning rise	-664 Oct 22 j 22:53	11°♎38'25	
direct	-664 Oct 26 j 21:46	10°♎10'01	
morning max el	-664 Nov 04 j 04:07	14°♎59'09	20°51'56
greatest brilliancy	-664 Nov 09 j 22:44	21°♎45'18	-0.5m
	-664 Nov 15 j 23:30	0°♏	
desc. node	-664 Nov 26 j 12:06	15°♏31'44	
morning set	-664 Dec 03 j 15:12	26°♏29'17	
	-664 Dec 05 j 21:00	0°♐	
max. Earth dist.	-664 Dec 12 j 08:07	10°♐19'52	1.42855 AU
superior conj	-664 Dec 19 j 03:59	21°♐37'51	-1°-55'-11
minimum elong	-664 Dec 19 j 00:02	21°♐21'12	1°55'01
	-664 Dec 24 j 01:22	0°♑	
evening rise	-664 Dec 31 j 00:54	12°♑18'09	
	-663 Jan 10 j 06:31	0°♒	
asc. node	-663 Jan 13 j 08:41	4°♒36'04	
evening max el	-663 Jan 16 j 23:37	8°♒56'15	18°07'45
retrograde	-663 Jan 23 j 13:53	12°♒21'25	
evening set	-663 Jan 26 j 06:32	11°♒46'54	
inferior conj	-663 Feb 01 j 19:18	6°♒41'34	3°52'12

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-663 Feb 01 j 19:32	6°♒40'58	3°52'11
min. Earth dist.	-663 Feb 04 j 19:00	3°♒44'03	0.61785 AU
morning rise	-663 Feb 08 j 06:09	0°♒49'08	
	-663 Feb 09 j 12:39	30°℞♉	
direct	-663 Feb 15 j 05:08	28°♉20'53	
	-663 Feb 21 j 06:34	0°♒	
desc. node	-663 Feb 22 j 11:17	0°♒40'22	
morning max el	-663 Mar 01 j 06:51	6°♒10'47	27°45'10
	-663 Mar 19 j 06:53	0°♓	
morning set	-663 Apr 03 j 07:54	27°♓28'39	
	-663 Apr 04 j 13:19	0°♈	
max. Earth dist.	-663 Apr 09 j 06:05	9°♈58'20	1.32598 AU
superior conj	-663 Apr 10 j 17:41	13°♈11'32	0°-6'-19
minimum elong	-663 Apr 10 j 17:59	13°♈13'08	0°06'15
behind sun begin	-663 Apr 10 j 13:15	12°♈47'24	
behind sun end	-663 Apr 10 j 22:42	13°♈38'52	
asc. node	-663 Apr 11 j 08:01	14°♈29'35	
evening rise	-663 Apr 17 j 17:28	28°♈19'08	
	-663 Apr 18 j 12:39	0°♉	
	-663 May 05 j 15:50	0°♊	
evening max el	-663 May 13 j 02:38	8°♊39'47	24°33'58
desc. node	-663 May 21 j 10:30	14°♊30'21	
retrograde	-663 May 27 j 01:12	15°♊42'21	
evening set	-663 May 31 j 21:09	14°♊49'51	
min. Earth dist.	-663 Jun 06 j 14:12	11°♊55'04	0.56961 AU
inferior conj	-663 Jun 09 j 09:29	10°♊06'41	-4°-19'-52
minimum elong	-663 Jun 09 j 04:47	10°♊14'18	4°19'13
morning rise	-663 Jun 17 j 16:14	6°♊00'40	
direct	-663 Jun 20 j 06:05	5°♊42'15	
morning max el	-663 Jun 29 j 13:02	10°♊01'25	19°24'59
asc. node	-663 Jul 08 j 07:14	21°♊37'33	
	-663 Jul 12 j 22:52	0°♋	
morning set	-663 Jul 16 j 18:04	7°♋26'27	
superior conj	-663 Jul 24 j 21:59	23°♋43'30	1°47'30
minimum elong	-663 Jul 24 j 21:50	23°♋42'42	1°47'31
	-663 Jul 28 j 04:00	0°♌	
max. Earth dist.	-663 Jul 31 j 02:03	5°♌28'03	1.37850 AU
evening rise	-663 Aug 03 j 22:24	12°♌25'05	
	-663 Aug 14 j 11:15	0°♍	
desc. node	-663 Aug 17 j 09:50	4°♍33'17	
	-663 Sep 05 j 07:56	0°♎	
evening max el	-663 Sep 08 j 16:39	3°♎32'26	25°06'49
retrograde	-663 Sep 20 j 12:08	10°♎22'49	
evening set	-663 Sep 26 j 06:07	7°♎57'54	
min. Earth dist.	-663 Sep 30 j 18:52	2°♎52'03	0.67139 AU
inferior conj	-663 Oct 01 j 17:58	1°♎36'21	0°-51'-53
minimum elong	-663 Oct 01 j 19:15	1°♎32'08	0°51'22
	-663 Oct 02 j 23:45	30°℞♍	
asc. node	-663 Oct 04 j 06:24	28°♍26'55	
morning rise	-663 Oct 07 j 08:53	25°♍33'52	
direct	-663 Oct 10 j 19:53	24°♍24'45	
morning max el	-663 Oct 18 j 05:45	28°♍38'58	19°44'25
	-663 Oct 19 j 12:12	0°♎	
greatest brilliancy	-663 Oct 26 j 06:22	8°♎42'01	-0.6m
	-663 Nov 09 j 11:34	0°♏	
morning set	-663 Nov 12 j 12:29	4°♏41'23	
desc. node	-663 Nov 13 j 09:09	6°♏01'24	
max. Earth dist.	-663 Nov 24 j 20:21	23°♏59'52	1.44220 AU
	-663 Nov 28 j 14:25	0°♐	
superior conj	-663 Nov 29 j 06:45	1°♐05'47	-1°-32'-13
minimum elong	-663 Nov 28 j 22:57	0°♐34'18	1°31'32
evening rise	-663 Dec 13 j 00:30	23°♐50'30	
	-663 Dec 16 j 15:41	0°♑	
asc. node	-663 Dec 31 j 05:43	21°♑57'26	
evening max el	-663 Dec 31 j 12:12	22°♑14'09	18°18'19
retrograde	-662 Jan 07 j 00:14	25°♑45'16	
evening set	-662 Jan 09 j 21:13	25°♑01'12	
inferior conj	-662 Jan 15 j 23:59	19°♑35'34	3°46'26
minimum elong	-662 Jan 15 j 22:26	19°♑39'56	3°46'15
min. Earth dist.	-662 Jan 18 j 09:11	16°♑56'25	0.63650 AU
morning rise	-662 Jan 21 j 22:03	13°♑33'01	
direct	-662 Jan 28 j 21:14	10°♑46'12	
desc. node	-662 Feb 09 j 08:21	16°♑28'02	
morning max el	-662 Feb 11 j 14:36	18°♑35'41	27°37'30
	-662 Feb 21 j 06:32	0°♒	
	-662 Mar 12 j 03:37	0°♓	
morning set	-662 Mar 18 j 05:43	11°♓37'41	
max. Earth dist.	-662 Mar 23 j 10:54	22°♓19'03	1.33222 AU
superior conj	-662 Mar 26 j 01:10	27°♓49'42	0°-32'-49
minimum elong	-662 Mar 26 j 02:44	27°♓58'03	0°32'30
	-662 Mar 27 j 01:28	0°♈	
asc. node	-662 Mar 29 j 05:04	4°♈37'52	
evening rise	-662 Apr 02 j 05:12	13°♈11'11	
	-662 Apr 10 j 19:13	0°♉	
evening max el	-662 Apr 24 j 17:45	19°♉15'52	22°59'11
retrograde	-662 May 08 j 02:06	25°♉53'13	
desc. node	-662 May 08 j 07:32	25°♉53'06	
evening set	-662 May 11 j 12:21	25°♉27'30	
min. Earth dist.	-662 May 19 j 03:05	22°♉04'33	0.55586 AU
inferior conj	-662 May 20 j 17:12	21°♉09'23	-3°-15'-19
minimum elong	-662 May 20 j 10:08	21°♉19'38	3°13'26
morning rise	-662 May 29 j 10:53	17°♉15'09	
direct	-662 Jun 01 j 04:26	16°♉57'28	
morning max el	-662 Jun 12 j 01:50	22°♉00'31	20°36'38
	-662 Jun 18 j 18:30	0°♊	
asc. node	-662 Jun 25 j 04:20	10°♊39'02	
morning set	-662 Jul 01 j 00:02	22°♊04'40	
	-662 Jul 04 j 20:09	0°♋	
superior conj	-662 Jul 08 j 15:18	7°♋48'59	1°42'46
minimum elong	-662 Jul 08 j 13:42	7°♋40'49	1°42'42
max. Earth dist.	-662 Jul 13 j 09:19	17°♋17'51	1.36043 AU
evening rise	-662 Jul 17 j 12:21	25°♋09'14	
	-662 Jul 20 j 04:00	0°♌	
desc. node	-662 Aug 04 j 06:50	24°♌41'06	
	-662 Aug 07 j 23:45	0°♍	
evening max el	-662 Aug 22 j 04:10	17°♍08'09	26°13'25
retrograde	-662 Sep 03 j 19:18	24°♍17'31	
evening set	-662 Sep 10 j 03:46	21°♍38'47	
min. Earth dist.	-662 Sep 14 j 08:29	17°♍10'16	0.66406 AU
inferior conj	-662 Sep 15 j 19:10	15°♍23'00	-1°-47'-29
minimum elong	-662 Sep 15 j 21:51	15°♍14'40	1°46'26
asc. node	-662 Sep 21 j 03:30	9°♍51'59	
morning rise	-662 Sep 21 j 16:52	9°♍30'58	
direct	-662 Sep 24 j 18:07	8°♍37'44	
morning max el	-662 Oct 01 j 14:21	12°♍27'00	18°51'43
	-662 Oct 14 j 08:01	0°♎	
morning set	-662 Oct 23 j 02:33	13°♎48'54	
desc. node	-662 Oct 31 j 06:10	26°♎40'03	
	-662 Nov 02 j 09:02	0°♏	
max. Earth dist.	-662 Nov 07 j 13:34	8°♏09'32	1.44922 AU
superior conj	-662 Nov 08 j 11:42	9°♏36'40	0°-51'-59
minimum elong	-662 Nov 08 j 05:12	9°♏11'06	0°51'12
	-662 Nov 21 j 07:37	0°♐	
evening rise	-662 Nov 24 j 01:15	4°♐24'15	
	-662 Dec 10 j 09:13	0°♑	
evening max el	-662 Dec 14 j 23:30	5°♑38'09	18°47'03
asc. node	-662 Dec 18 j 02:46	8°♑15'49	
retrograde	-662 Dec 21 j 17:24	9°♑25'56	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-662 Dec 24 j 19:46	8°♑31'05	
inferior conj	-662 Dec 30 j 15:15	2°♑47'36	3°25'07
minimum elong	-662 Dec 30 j 12:40	2°♑55'28	3°24'37
min. Earth dist.	-661 Jan 01 j 09:09	0°♑39'46	0.65176 AU
	-661 Jan 01 j 22:33	30°℞♐	
morning rise	-661 Jan 05 j 04:30	26°♐38'12	
direct	-661 Jan 11 j 20:10	23°♐47'31	
	-661 Jan 23 j 11:48	0°♑	
morning max el	-661 Jan 25 j 00:23	1°♑28'20	26°56'46
desc. node	-661 Jan 27 j 05:24	3°♑47'10	
	-661 Feb 15 j 09:02	0°♒	
morning set	-661 Mar 01 j 17:27	25°♒11'51	
	-661 Mar 04 j 04:37	0°♓	
max. Earth dist.	-661 Mar 06 j 05:50	4°♓05'47	1.34277 AU
superior conj	-661 Mar 10 j 03:31	12°♓07'12	0°-59'-4
minimum elong	-661 Mar 10 j 06:16	12°♓21'35	0°58'35
asc. node	-661 Mar 16 j 02:07	24°♓38'02	
evening rise	-661 Mar 17 j 15:15	27°♓52'13	
	-661 Mar 18 j 15:57	0°♈	
evening max el	-661 Apr 06 j 14:25	0°♉02'11	21°27'38
	-661 Apr 06 j 13:31	0°♉	
retrograde	-661 Apr 18 j 17:18	5°♉55'33	
evening set	-661 Apr 21 j 04:02	5°♉41'54	
desc. node	-661 Apr 25 j 04:36	4°♉26'23	
inferior conj	-661 Apr 30 j 12:43	1°♉41'08	-1°-30'-35
minimum elong	-661 Apr 30 j 08:30	1°♉47'04	1°29'08
min. Earth dist.	-661 Apr 30 j 16:05	1°♉36'25	0.55020 AU
	-661 May 03 j 14:40	30°℞♈	
morning rise	-661 May 09 j 13:23	27°♈41'39	
direct	-661 May 12 j 15:22	27°♈20'55	
	-661 May 20 j 23:25	0°♉	
morning max el	-661 May 25 j 03:46	3°♉16'52	22°06'05
asc. node	-661 Jun 12 j 01:24	0°♊06'41	
	-661 Jun 12 j 00:03	0°♊	
morning set	-661 Jun 15 j 09:46	6°♊55'36	
superior conj	-661 Jun 22 j 16:53	22°♊20'11	1°31'47
minimum elong	-661 Jun 22 j 14:32	22°♊07'46	1°31'32
max. Earth dist.	-661 Jun 26 j 00:58	29°♊16'05	1.34561 AU
	-661 Jun 26 j 09:34	0°♋	
evening rise	-661 Jun 30 j 18:26	8°♋41'53	
	-661 Jul 12 j 16:36	0°♌	
desc. node	-661 Jul 22 j 03:53	14°♌23'50	
	-661 Aug 04 j 00:28	0°♍	
evening max el	-661 Aug 04 j 15:52	0°♍37'34	27°01'41
retrograde	-661 Aug 17 j 21:23	7°♍56'29	
evening set	-661 Aug 24 j 17:53	5°♍11'09	
min. Earth dist.	-661 Aug 28 j 15:13	1°♍20'22	0.65310 AU
	-661 Aug 29 j 19:24	30°℞♌	
inferior conj	-661 Aug 30 j 14:34	29°♌04'48	-2°-41'-30
minimum elong	-661 Aug 30 j 18:29	28°♌53'35	2°40'08
morning rise	-661 Sep 05 j 20:32	23°♌26'20	
asc. node	-661 Sep 08 j 00:35	22°♌47'09	
direct	-661 Sep 08 j 14:26	22°♌45'19	
morning max el	-661 Sep 15 j 03:47	26°♌18'53	18°15'21
	-661 Sep 18 j 07:41	0°♍	
morning set	-661 Oct 03 j 20:43	24°♍20'12	
	-661 Oct 07 j 07:35	0°♎	
desc. node	-661 Oct 18 j 03:10	17°♎24'24	
superior conj	-661 Oct 18 j 13:28	18°♎05'14	0°-2'-49
minimum elong	-661 Oct 18 j 13:06	18°♎03'46	0°02'46
behind sun begin	-661 Oct 18 j 02:11	17°♎20'29	
behind sun end	-661 Oct 19 j 00:01	18°♎47'01	
max. Earth dist.	-661 Oct 21 j 08:06	22°♎28'28	1.44891 AU
	-661 Oct 26 j 03:08	0°♏	

evening rise	-661 Nov 04 j 02:25	14°♏00'30	
	-661 Nov 14 j 09:52	0°♐	
greatest brilliancy	-661 Nov 19 j 20:06	8°♐08'39	-0.7m
evening max el	-661 Nov 28 j 07:18	19°♐05'05	19°32'35
asc. node	-661 Dec 04 j 23:49	23°♐16'22	
retrograde	-661 Dec 05 j 14:04	23°♐18'22	
evening set	-661 Dec 08 j 23:30	22°♐10'59	
inferior conj	-661 Dec 14 j 13:54	16°♐12'38	2°52'38
minimum elong	-661 Dec 14 j 11:03	16°♐21'57	2°51'51
min. Earth dist.	-661 Dec 15 j 17:40	14°♐42'08	0.66325 AU
morning rise	-661 Dec 19 j 21:50	9°♐58'58	
direct	-661 Dec 26 j 01:14	7°♐16'47	
morning max el	-660 Jan 07 j 09:42	14°♐35'59	25°50'34
desc. node	-660 Jan 14 j 02:26	22°♐11'17	
	-660 Jan 20 j 00:54	0°♑	
	-660 Feb 08 j 04:06	0°♒	
morning set	-660 Feb 12 j 14:51	7°♒58'33	
max. Earth dist.	-660 Feb 16 j 12:40	15°♒19'07	1.35782 AU
superior conj	-660 Feb 21 j 22:13	25°♒56'55	-1°-23'-29
minimum elong	-660 Feb 22 j 01:49	26°♒15'03	1°23'00
	-660 Feb 23 j 22:08	0°♓	
evening rise	-660 Feb 29 j 21:39	12°♓16'14	
asc. node	-660 Mar 01 j 23:09	14°♓25'43	
	-660 Mar 10 j 07:12	0°♈	
evening max el	-660 Mar 18 j 21:34	11°♈21'12	20°09'34
retrograde	-660 Mar 29 j 08:01	16°♈21'09	
evening set	-660 Mar 31 j 11:18	16°♈09'29	
inferior conj	-660 Apr 09 j 09:47	12°♈10'41	0°28'13
minimum elong	-660 Apr 09 j 11:02	12°♈08'48	0°27'46
desc. node	-660 Apr 11 j 01:38	11°♈11'09	
min. Earth dist.	-660 Apr 11 j 06:10	11°♈04'27	0.55412 AU
morning rise	-660 Apr 18 j 08:07	7°♈47'15	
direct	-660 Apr 22 j 05:03	7°♈14'25	
morning max el	-660 May 05 j 21:22	13°♈59'19	23°45'51
	-660 May 18 j 06:42	0°♉	
asc. node	-660 May 28 j 22:26	19°♉53'28	
morning set	-660 May 29 j 21:25	21°♉53'24	
	-660 Jun 02 j 16:36	0°♊	
superior conj	-660 Jun 05 j 23:55	7°♊08'05	1°15'54
minimum elong	-660 Jun 05 j 21:24	6°♊54'34	1°15'31
max. Earth dist.	-660 Jun 08 j 02:03	11°♊36'21	1.33468 AU
evening rise	-660 Jun 13 j 12:13	22°♊50'08	
	-660 Jun 17 j 04:08	0°♋	
	-660 Jul 05 j 10:10	0°♌	
desc. node	-660 Jul 08 j 00:56	3°♌30'20	
evening max el	-660 Jul 17 j 02:51	13°♌49'53	27°24'28
retrograde	-660 Jul 30 j 17:43	21°♌10'28	
evening set	-660 Aug 06 j 21:25	18°♌29'27	
min. Earth dist.	-660 Aug 10 j 13:04	15°♌13'25	0.63847 AU
inferior conj	-660 Aug 13 j 01:40	12°♌36'06	-3°-31'-6
minimum elong	-660 Aug 13 j 06:15	12°♌24'10	3°29'51
morning rise	-660 Aug 19 j 17:07	7°♌14'19	
direct	-660 Aug 22 j 06:13	6°♌42'06	
asc. node	-660 Aug 24 j 21:38	7°♌17'10	
morning max el	-660 Aug 28 j 19:18	10°♌08'12	17°56'18
	-660 Sep 11 j 03:59	0°♍	
morning set	-660 Sep 14 j 17:25	6°♍08'06	
superior conj	-660 Sep 27 j 09:00	27°♍28'48	0°42'51
minimum elong	-660 Sep 27 j 13:20	27°♍46'33	0°42'17
	-660 Sep 28 j 22:03	0°♎	
max. Earth dist.	-660 Oct 03 j 01:07	6°♎39'04	1.44149 AU
desc. node	-660 Oct 04 j 00:12	8°♎11'04	
evening rise	-660 Oct 13 j 11:09	22°♎58'29	
	-660 Oct 18 j 01:13	0°♏	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

greatest brilliancy	-660 Nov 04 j 08:22	25°♏15'26	-0.5m
	-660 Nov 08 j 02:45	0°♐	
evening max el	-660 Nov 10 j 10:01	2°♐32'49	20°32'46
retrograde	-660 Nov 18 j 11:36	7°♐18'28	
asc. node	-660 Nov 20 j 20:51	6°♐45'59	
evening set	-660 Nov 22 j 06:11	5°♐56'22	
inferior conj	-660 Nov 27 j 17:21	29°♏46'26	2°11'58
minimum elong	-660 Nov 27 j 14:47	29°♏55'10	2°11'05
	-660 Nov 27 j 13:21	30°℞♏	
min. Earth dist.	-660 Nov 28 j 08:33	28°♏54'51	0.67104 AU
morning rise	-660 Dec 02 j 22:52	23°♏30'49	
direct	-660 Dec 08 j 11:34	21°♏05'51	
morning max el	-660 Dec 19 j 17:59	27°♏49'05	24°28'34
	-660 Dec 21 j 19:36	0°♐	
desc. node	-660 Dec 30 j 23:27	11°♐21'04	
	-659 Jan 12 j 18:07	0°♑	
morning set	-659 Jan 24 j 16:10	19°♑41'12	
max. Earth dist.	-659 Jan 28 j 09:49	26°♑20'30	1.37683 AU
	-659 Jan 30 j 09:45	0°♒	
superior conj	-659 Feb 04 j 05:59	9°♒09'33	-1°-43'-58
minimum elong	-659 Feb 04 j 09:36	9°♒27'02	1°43'39
evening rise	-659 Feb 12 j 22:03	26°♒16'13	
	-659 Feb 14 j 19:27	0°♓	
asc. node	-659 Feb 16 j 20:11	3°♓55'28	
evening max el	-659 Mar 01 j 15:45	23°♓18'18	19°09'54
retrograde	-659 Mar 10 j 10:50	27°♓31'47	
evening set	-659 Mar 12 j 16:29	27°♓16'36	
inferior conj	-659 Mar 20 j 21:22	23°♓05'10	2°08'32
minimum elong	-659 Mar 21 j 01:41	22°♓57'47	2°07'17
min. Earth dist.	-659 Mar 23 j 21:29	21°♓03'06	0.56669 AU
desc. node	-659 Mar 28 j 22:38	18°♓17'44	
morning rise	-659 Mar 29 j 06:51	18°♓09'42	
direct	-659 Apr 03 j 06:46	17°♓11'33	
morning max el	-659 Apr 17 j 11:57	24°♓29'54	25°23'26
	-659 Apr 22 j 12:56	0°♈	
	-659 May 11 j 00:59	0°♉	
morning set	-659 May 14 j 09:21	6°♉52'52	
asc. node	-659 May 15 j 19:28	9°♉53'49	
superior conj	-659 May 21 j 10:12	22°♉05'31	0°56'11
minimum elong	-659 May 21 j 08:02	21°♉53'41	0°55'47
max. Earth dist.	-659 May 22 j 10:40	24°♉18'53	1.32758 AU
	-659 May 25 j 01:49	0°♊	
evening rise	-659 May 28 j 14:12	7°♊23'14	
	-659 Jun 09 j 15:49	0°♋	
desc. node	-659 Jun 24 j 21:57	21°♋45'27	
evening max el	-659 Jun 29 j 10:51	26°♋32'33	27°16'16
	-659 Jul 03 j 13:00	0°♌	
retrograde	-659 Jul 13 j 07:21	3°♌50'38	
evening set	-659 Jul 20 j 10:33	1°♌27'17	
	-659 Jul 22 j 10:00	30°℞♋	
min. Earth dist.	-659 Jul 24 j 00:46	28°♋37'40	0.62057 AU
inferior conj	-659 Jul 27 j 01:27	25°♋50'07	-4°-11'-56
minimum elong	-659 Jul 27 j 05:37	25°♋40'28	4°11'12
morning rise	-659 Aug 03 j 03:19	20°♋48'14	
direct	-659 Aug 05 j 14:12	20°♋21'56	
asc. node	-659 Aug 11 j 18:39	23°♋12'30	
morning max el	-659 Aug 12 j 10:06	23°♋48'44	17°55'33
	-659 Aug 17 j 09:10	0°♌	
morning set	-659 Aug 28 j 10:50	18°♌55'52	
	-659 Sep 03 j 14:47	0°♍	
superior conj	-659 Sep 08 j 07:45	8°♍13'18	1°16'51
minimum elong	-659 Sep 08 j 12:43	8°♍34'39	1°16'19
max. Earth dist.	-659 Sep 15 j 14:22	20°♍25'53	1.42791 AU
desc. node	-659 Sep 20 j 21:15	28°♍56'57	
	-659 Sep 21 j 13:12	0°♎	
evening rise	-659 Sep 22 j 20:04	2°♎01'30	
	-659 Oct 11 j 14:04	0°♏	
greatest brilliancy	-659 Oct 19 j 10:27	10°♏28'59	-0.4m
evening max el	-659 Oct 24 j 06:57	16°♏01'23	21°44'26
retrograde	-659 Nov 02 j 08:09	21°♏24'07	
evening set	-659 Nov 06 j 14:01	19°♏45'09	
asc. node	-659 Nov 07 j 17:52	18°♏43'09	
inferior conj	-659 Nov 11 j 23:32	13°♏27'00	1°25'14
minimum elong	-659 Nov 11 j 21:41	13°♏33'23	1°24'30
min. Earth dist.	-659 Nov 12 j 03:26	13°♏13'30	0.67533 AU
morning rise	-659 Nov 17 j 05:06	7°♏11'48	
direct	-659 Nov 22 j 02:25	5°♏08'36	
morning max el	-659 Dec 02 j 03:28	11°♏06'44	23°00'57
greatest brilliancy	-659 Dec 06 j 23:13	16°♏30'43	-0.3m
	-659 Dec 17 j 02:35	0°♐	
desc. node	-659 Dec 17 j 20:29	1°♐03'48	
morning set	-658 Jan 05 j 15:11	0°♑04'11	
	-658 Jan 05 j 14:11	0°♑	
max. Earth dist.	-658 Jan 10 j 05:10	7°♑49'14	1.39797 AU
superior conj	-658 Jan 17 j 22:30	21°♑33'58	-1°-57'-33
minimum elong	-658 Jan 18 j 00:41	21°♑44'01	1°57'29
	-658 Jan 22 j 10:59	0°♒	
evening rise	-658 Jan 27 j 13:41	9°♒45'21	
asc. node	-658 Feb 03 j 17:12	23°♒00'48	
	-658 Feb 08 j 01:10	0°♓	
evening max el	-658 Feb 12 j 18:49	5°♓48'02	18°30'04
retrograde	-658 Feb 20 j 08:28	9°♓30'43	
evening set	-658 Feb 22 j 18:36	9°♓09'08	
inferior conj	-658 Mar 02 j 05:32	4°♓37'32	3°14'14
minimum elong	-658 Mar 02 j 09:19	4°♓29'58	3°13'31
min. Earth dist.	-658 Mar 05 j 15:39	1°♓55'23	0.58514 AU
	-658 Mar 08 j 10:50	30°℞♒	
morning rise	-658 Mar 09 j 20:14	29°♒13'22	
direct	-658 Mar 15 j 21:32	27°♒39'22	
desc. node	-658 Mar 15 j 19:40	27°♒39'23	
	-658 Mar 23 j 13:12	0°♓	
morning max el	-658 Mar 30 j 05:29	5°♓16'25	26°43'32
	-658 Apr 17 j 09:46	0°♈	
morning set	-658 Apr 28 j 19:53	21°♈47'06	
asc. node	-658 May 02 j 16:30	0°♉01'53	
	-658 May 02 j 16:10	0°♉	
superior conj	-658 May 05 j 21:50	7°♉05'00	0°33'31
minimum elong	-658 May 05 j 20:25	6°♉57'09	0°33'13
max. Earth dist.	-658 May 05 j 23:09	7°♉12'13	1.32409 AU
evening rise	-658 May 12 j 21:32	22°♉10'46	
	-658 May 16 j 17:40	0°♊	
	-658 Jun 03 j 23:41	0°♋	
evening max el	-658 Jun 11 j 13:05	8°♋32'48	26°34'59
desc. node	-658 Jun 11 j 18:58	8°♋46'44	
retrograde	-658 Jun 25 j 13:02	15°♋47'58	
evening set	-658 Jul 02 j 04:44	13°♋55'17	
min. Earth dist.	-658 Jul 06 j 02:21	11°♋17'42	0.60041 AU
inferior conj	-658 Jul 09 j 10:22	8°♋36'50	-4°-37'-15
minimum elong	-658 Jul 09 j 12:22	8°♋32'48	4°37'08
morning rise	-658 Jul 16 j 23:15	3°♋57'31	
direct	-658 Jul 19 j 10:12	3°♋35'12	
morning max el	-658 Jul 26 j 21:13	7°♋12'13	18°14'08
asc. node	-658 Jul 29 j 15:42	10°♋17'22	
	-658 Aug 10 j 12:05	0°♌	
morning set	-658 Aug 11 j 19:18	2°♌27'07	
superior conj	-658 Aug 21 j 08:01	20°♌13'30	1°37'36
minimum elong	-658 Aug 21 j 11:13	20°♌28'03	1°37'23
	-658 Aug 26 j 20:23	0°♍	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

max. Earth dist.	-658 Aug 28 j 22:06	3°♍33'20	1.40987 AU
evening rise	-658 Sep 02 j 21:55	11°♍52'18	
desc. node	-658 Sep 07 j 18:18	19°♍38'09	
	-658 Sep 14 j 12:40	0°♎	
greatest brilliancy	-658 Oct 01 j 12:29	23°♎25'48	-0.2m
evening max el	-658 Oct 06 j 22:36	29°♎31'08	23°03'13
	-658 Oct 07 j 10:14	0°♏	
retrograde	-658 Oct 17 j 02:17	5°♏32'21	
evening set	-658 Oct 21 j 21:17	3°♏35'06	
	-658 Oct 25 j 04:51	30°℞♎	
asc. node	-658 Oct 25 j 14:54	29°♎27'15	
inferior conj	-658 Oct 27 j 06:35	27°♎12'24	0°34'06
minimum elong	-658 Oct 27 j 05:48	27°♎15'08	0°33'44
min. Earth dist.	-658 Oct 26 j 23:59	27°♎35'10	0.67626 AU
morning rise	-658 Nov 01 j 14:19	21°♎00'01	
direct	-658 Nov 05 j 20:55	19°♎19'30	
morning max el	-658 Nov 14 j 17:42	24°♎32'10	21°36'30
greatest brilliancy	-658 Nov 19 j 17:33	0°♏13'56	-0.4m
	-658 Nov 19 j 13:03	0°♏	
desc. node	-658 Dec 04 j 17:33	21°♏10'13	
	-658 Dec 10 j 13:34	0°♐	
morning set	-658 Dec 16 j 09:18	9°♐05'20	
max. Earth dist.	-658 Dec 23 j 05:48	20°♐11'13	1.41831 AU
	-658 Dec 29 j 01:28	0°♑	
superior conj	-658 Dec 30 j 18:31	2°♑57'32	-2°00'-18
minimum elong	-658 Dec 30 j 17:16	2°♑52'07	2°00'17
evening rise	-657 Jan 10 j 17:09	22°♑36'21	
	-657 Jan 14 j 18:32	0°♒	
asc. node	-657 Jan 21 j 14:14	11°♒34'16	
evening max el	-657 Jan 27 j 03:54	18°♒42'52	18°10'13
retrograde	-657 Feb 02 j 23:47	22°♒10'43	
evening set	-657 Feb 05 j 14:02	21°♒41'17	
inferior conj	-657 Feb 12 j 09:54	16°♒48'01	3°46'12
minimum elong	-657 Feb 12 j 11:28	16°♒44'22	3°46'04
min. Earth dist.	-657 Feb 15 j 15:55	13°♒49'01	0.60597 AU
morning rise	-657 Feb 19 j 05:57	11°♒03'23	
direct	-657 Feb 25 j 23:56	8°♒52'36	
desc. node	-657 Mar 02 j 16:42	9°♒51'02	
morning max el	-657 Mar 12 j 05:17	16°♒40'01	27°33'11
	-657 Mar 23 j 05:25	0°♓	
	-657 Apr 09 j 22:01	0°♈	
morning set	-657 Apr 13 j 03:15	6°♈29'53	
max. Earth dist.	-657 Apr 19 j 11:43	20°♈03'12	1.32420 AU
asc. node	-657 Apr 19 j 13:34	20°♈13'22	
superior conj	-657 Apr 20 j 09:13	22°♈00'48	0°08'40
minimum elong	-657 Apr 20 j 08:50	21°♈58'39	0°08'36
behind sun begin	-657 Apr 20 j 04:34	21°♈35'20	
behind sun end	-657 Apr 20 j 13:05	22°♈21'59	
	-657 Apr 24 j 00:51	0°♉	
evening rise	-657 Apr 27 j 08:03	7°♉05'07	
	-657 May 09 j 09:12	0°♊	
evening max el	-657 May 24 j 08:23	19°♊47'45	25°24'10
desc. node	-657 May 29 j 15:58	24°♊04'18	
retrograde	-657 Jun 07 j 09:22	26°♊58'08	
evening set	-657 Jun 13 j 00:23	25°♊44'01	
min. Earth dist.	-657 Jun 17 j 20:16	23°♊00'11	0.58009 AU
inferior conj	-657 Jun 21 j 00:55	20°♊46'42	-4°-36'-47
minimum elong	-657 Jun 20 j 22:50	20°♊50'22	4°36'39
morning rise	-657 Jun 29 j 01:10	16°♊30'04	
direct	-657 Jul 01 j 13:38	16°♊10'36	
morning max el	-657 Jul 10 j 01:42	20°♊10'09	18°53'09
asc. node	-657 Jul 16 j 12:47	28°♊17'11	
	-657 Jul 17 j 14:47	0°♋	
morning set	-657 Jul 26 j 14:31	16°♋30'42	
	-657 Aug 02 j 11:50	0°♌	
superior conj	-657 Aug 04 j 04:19	3°♌14'13	1°46'40
minimum elong	-657 Aug 04 j 05:17	3°♌18'49	1°46'39
max. Earth dist.	-657 Aug 11 j 01:19	15°♌56'30	1.38983 AU
evening rise	-657 Aug 15 j 00:32	22°♌53'17	
	-657 Aug 19 j 06:08	0°♍	
desc. node	-657 Aug 25 j 15:19	10°♍10'36	
	-657 Sep 08 j 09:49	0°♎	
evening max el	-657 Sep 19 j 10:51	13°♎03'28	24°23'09
retrograde	-657 Sep 30 j 16:54	19°♎39'02	
evening set	-657 Oct 06 j 02:17	17°♎23'36	
min. Earth dist.	-657 Oct 10 j 19:47	11°♎57'20	0.67405 AU
inferior conj	-657 Oct 11 j 12:47	11°♎00'15	0°-20'00
minimum elong	-657 Oct 11 j 13:16	10°♎58'36	0°19'50
asc. node	-657 Oct 12 j 11:58	9°♎43'01	
morning rise	-657 Oct 17 j 00:35	4°♎53'19	
direct	-657 Oct 20 j 18:03	3°♎33'43	
morning max el	-657 Oct 28 j 15:03	8°♎07'04	20°21'31
greatest brilliancy	-657 Nov 04 j 04:36	16°♎00'11	-0.5m
	-657 Nov 13 j 23:21	0°♏	
desc. node	-657 Nov 21 j 14:35	11°♏32'52	
morning set	-657 Nov 25 j 07:37	17°♏15'43	
	-657 Dec 03 j 10:25	0°♐	
max. Earth dist.	-657 Dec 05 j 13:38	3°♐24'48	1.43504 AU
superior conj	-657 Dec 11 j 12:50	13°♐07'54	-1°-47'-42
minimum elong	-657 Dec 11 j 06:54	12°♐43'26	1°47'20
	-657 Dec 21 j 11:51	0°♑	
evening rise	-657 Dec 24 j 04:12	4°♑39'42	
asc. node	-656 Jan 08 j 11:17	29°♑25'25	
	-656 Jan 08 j 22:37	0°♒	
evening max el	-656 Jan 10 j 15:59	1°♒54'10	18°09'56
retrograde	-656 Jan 17 j 04:26	5°♒20'46	
evening set	-656 Jan 19 j 22:43	4°♒42'30	
	-656 Jan 25 j 18:46	30°℞♑	
inferior conj	-656 Jan 26 j 06:52	29°♑28'21	3°51'58
minimum elong	-656 Jan 26 j 06:15	29°♑29'59	3°51'56
min. Earth dist.	-656 Jan 29 j 00:45	26°♑36'16	0.62611 AU
morning rise	-656 Feb 01 j 11:44	23°♑30'48	
direct	-656 Feb 08 j 11:49	20°♑52'37	
desc. node	-656 Feb 17 j 13:45	24°♑29'59	
morning max el	-656 Feb 22 j 10:48	28°♑44'10	27°46'16
	-656 Feb 23 j 16:34	0°♒	
	-656 Mar 16 j 00:54	0°♓	
morning set	-656 Mar 27 j 05:16	20°♓53'25	
	-656 Mar 31 j 14:44	0°♈	
max. Earth dist.	-656 Apr 01 j 20:15	2°♈37'14	1.32808 AU
superior conj	-656 Apr 03 j 18:38	6°♈46'53	0°-17'-31
minimum elong	-656 Apr 03 j 19:27	6°♈51'21	0°17'21
asc. node	-656 Apr 05 j 10:38	10°♈23'46	
evening rise	-656 Apr 10 j 19:50	21°♈59'17	
	-656 Apr 14 j 17:21	0°♉	
	-656 May 04 j 10:53	0°♊	
evening max el	-656 May 04 j 23:19	0°♊30'24	23°54'08
desc. node	-656 May 15 j 12:59	7°♊01'48	
retrograde	-656 May 18 j 18:04	7°♊25'22	
evening set	-656 May 22 j 22:59	6°♊46'11	
min. Earth dist.	-656 May 29 j 10:24	3°♊40'37	0.56284 AU
inferior conj	-656 May 31 j 19:18	2°♊13'29	-3°-58'-8
minimum elong	-656 May 31 j 13:04	2°♊23'04	3°56'54
	-656 Jun 04 j 15:40	30°℞♉	
morning rise	-656 Jun 09 j 06:53	28°♉14'06	
direct	-656 Jun 11 j 21:44	27°♉56'26	
	-656 Jun 18 j 13:55	0°♊	
morning max el	-656 Jun 21 j 20:48	2°♊33'04	19°53'08
asc. node	-656 Jul 02 j 09:53	16°♊59'17	
	-656 Jul 09 j 05:44	0°♋	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-656 Jul 09 j 17:20	0°♋58'25		
superior conj	-656 Jul 17 j 15:16	17°♋00'04	1°46'22	
minimum elong	-656 Jul 17 j 14:24	16°♋55'48	1°46'21	
max. Earth dist.	-656 Jul 23 j 05:01	27°♋49'59	1.37041 AU	
	-656 Jul 24 j 08:44	0°♌		
evening rise	-656 Jul 27 j 02:56	5°♌03'47		
	-656 Aug 11 j 04:30	0°♍		
desc. node	-656 Aug 11 j 12:21	0°♍29'34		
evening max el	-656 Aug 31 j 22:14	26°♍39'39	25°36'56	
	-656 Sep 04 j 16:57	0°♎		
retrograde	-656 Sep 13 j 03:05	3°♎40'10		
evening set	-656 Sep 19 j 03:14	1°♎08'49		
	-656 Sep 20 j 08:38	30°℞♍		
min. Earth dist.	-656 Sep 23 j 12:30	26°♍18'27	0.66865 AU	
inferior conj	-656 Sep 24 j 16:23	24°♍48'58	-1°-15'-32	
minimum elong	-656 Sep 24 j 18:16	24°♍42'54	1°14'45	
asc. node	-656 Sep 28 j 09:02	20°♍29'19		
morning rise	-656 Sep 30 j 09:59	18°♍50'22		
direct	-656 Oct 03 j 16:28	17°♍48'33		
morning max el	-656 Oct 10 j 19:51	21°♍51'24	19°20'00	
	-656 Oct 17 j 09:49	0°♎		
greatest brilliancy	-656 Oct 20 j 17:12	4°♎45'43	-0.7m	
morning set	-656 Nov 03 j 09:34	25°♎44'57		
	-656 Nov 06 j 03:02	0°♏		
desc. node	-656 Nov 07 j 11:38	2°♏07'13		
max. Earth dist.	-656 Nov 17 j 03:47	17°♏17'56	1.44608 AU	
superior conj	-656 Nov 20 j 04:58	22°♏08'01	-1°-16'-58	
minimum elong	-656 Nov 19 j 20:54	21°♏35'55	1°16'08	
	-656 Nov 25 j 02:51	0°♐		
evening rise	-656 Dec 04 j 18:27	15°♐47'41		
	-656 Dec 13 j 08:40	0°♑		
evening max el	-656 Dec 24 j 04:22	15°♑15'34	18°28'24	
asc. node	-656 Dec 25 j 08:20	16°♑22'01		
retrograde	-656 Dec 30 j 18:00	18°♑52'27		
evening set	-655 Jan 02 j 17:05	18°♑04'04		
inferior conj	-655 Jan 08 j 16:29	12°♑30'48	3°38'54	
minimum elong	-655 Jan 08 j 14:24	12°♑36'53	3°38'37	
min. Earth dist.	-655 Jan 10 j 19:14	10°♑03'33	0.64353 AU	
morning rise	-655 Jan 14 j 10:21	6°♑25'01		
direct	-655 Jan 21 j 07:14	3°♑34'26		
desc. node	-655 Feb 03 j 10:49	11°♑00'10		
morning max el	-655 Feb 03 j 19:34	11°♑21'51	27°23'38	
	-655 Feb 18 j 15:30	0°♒		
	-655 Mar 08 j 11:22	0°♓		
morning set	-655 Mar 10 j 23:13	4°♓48'48		
max. Earth dist.	-655 Mar 15 j 20:57	14°♓42'42	1.33613 AU	
superior conj	-655 Mar 19 j 00:12	21°♓17'08	0°-44'-5	
minimum elong	-655 Mar 19 j 02:17	21°♓28'13	0°43'41	
asc. node	-655 Mar 23 j 07:41	0°♈29'05		
	-655 Mar 23 j 02:14	0°♈		
evening rise	-655 Mar 26 j 07:02	6°♈47'07		
	-655 Apr 07 j 19:16	0°♉		
evening max el	-655 Apr 16 j 16:06	11°♉07'42	22°19'09	
retrograde	-655 Apr 29 j 13:53	17°♉27'56		
desc. node	-655 May 02 j 10:01	17°♉10'11		
evening set	-655 May 02 j 12:01	17°♉09'08		
min. Earth dist.	-655 May 10 j 23:24	13°♉30'10	0.55226 AU	
inferior conj	-655 May 11 j 20:27	13°♉00'25	-2°-34'-42	
minimum elong	-655 May 11 j 13:58	13°♉09'36	2°32'43	
morning rise	-655 May 20 j 17:48	9°♉05'56		
direct	-655 May 23 j 14:01	8°♉47'34		
morning max el	-655 Jun 04 j 04:46	14°♉13'23	21°12'54	
	-655 Jun 15 j 21:20	0°♊		
asc. node	-655 Jun 19 j 06:57	6°♊12'47		
morning set	-655 Jun 24 j 01:07	15°♊42'35		
	-655 Jun 30 j 21:30	0°♋		
superior conj	-655 Jul 01 j 12:27	1°♋17'25	1°38'48	
minimum elong	-655 Jul 01 j 10:26	1°♋07'03	1°38'39	
max. Earth dist.	-655 Jul 05 j 15:26	9°♋40'37	1.35363 AU	
evening rise	-655 Jul 10 j 00:20	18°♋10'26		
	-655 Jul 16 j 12:43	0°♌		
desc. node	-655 Jul 29 j 09:22	20°♌27'55		
	-655 Aug 05 j 09:08	0°♍		
evening max el	-655 Aug 14 j 10:04	10°♍14'46	26°36'46	
retrograde	-655 Aug 27 j 08:07	17°♍29'02		
evening set	-655 Sep 02 j 21:59	14°♍46'46		
min. Earth dist.	-655 Sep 06 j 23:33	10°♍34'07	0.65983 AU	
inferior conj	-655 Sep 08 j 15:23	8°♍34'32	-2°-10'-43	
minimum elong	-655 Sep 08 j 18:38	8°♍24'47	2°09'30	
morning rise	-655 Sep 14 j 16:25	2°♍47'34		
asc. node	-655 Sep 15 j 06:06	2°♍30'46		
direct	-655 Sep 17 j 14:17	1°♍59'52		
morning max el	-655 Sep 24 j 06:43	5°♍41'29	18°34'08	
	-655 Oct 11 j 01:34	0°♎		
morning set	-655 Oct 14 j 11:14	5°♎27'51		
desc. node	-655 Oct 25 j 08:40	22°♎48'55		
	-655 Oct 29 j 22:03	0°♏		
superior conj	-655 Oct 30 j 05:46	0°♏30'21	0°-31'-29	
minimum elong	-655 Oct 30 j 01:38	0°♏14'04	0°30'57	
max. Earth dist.	-655 Oct 30 j 22:01	1°♏34'15	1.45008 AU	
evening rise	-655 Nov 15 j 08:52	25°♏56'08		
	-655 Nov 17 j 22:19	0°♐		
evening max el	-655 Dec 07 j 14:30	28°♐41'54	19°04'30	
	-655 Dec 08 j 23:06	0°♑		
asc. node	-655 Dec 12 j 05:21	2°♑09'32		
retrograde	-655 Dec 14 j 12:54	2°♑39'04		
evening set	-655 Dec 17 j 18:09	1°♑39'01		
	-655 Dec 19 j 19:52	30°℞♐		
inferior conj	-655 Dec 23 j 11:13	25°♐48'59	3°12'28	
minimum elong	-655 Dec 23 j 08:27	25°♐57'43	3°11'49	
min. Earth dist.	-655 Dec 24 j 22:56	23°♐56'42	0.65721 AU	
morning rise	-655 Dec 28 j 21:52	19°♐37'46		
direct	-654 Jan 04 j 08:53	16°♐49'22		
morning max el	-654 Jan 17 j 05:10	24°♐21'54	26°31'05	
desc. node	-654 Jan 21 j 07:52	28°♐49'56		
	-654 Jan 22 j 07:40	0°♑		
	-654 Feb 12 j 01:07	0°♒		
morning set	-654 Feb 22 j 05:28	18°♒04'54		
max. Earth dist.	-654 Feb 26 j 10:49	26°♒14'41	1.34866 AU	
	-654 Feb 28 j 07:57	0°♓		
superior conj	-654 Mar 02 j 23:41	5°♓24'36	-1°-9'-45	
minimum elong	-654 Mar 03 j 02:52	5°♓40'58	1°09'15	
asc. node	-654 Mar 10 j 04:43	20°♓25'03		
evening rise	-654 Mar 10 j 15:49	21°♓22'28		
	-654 Mar 14 j 22:46	0°♈		
evening max el	-654 Mar 29 j 17:02	22°♈07'10	20°52'22	
retrograde	-654 Apr 10 j 02:56	27°♈37'27		
evening set	-654 Apr 12 j 09:02	27°♈25'25		
desc. node	-654 Apr 19 j 07:02	24°♈45'35		
inferior conj	-654 Apr 21 j 14:50	23°♈27'44	0°-39'-48	
minimum elong	-654 Apr 21 j 12:57	23°♈30'25	0°39'08	
min. Earth dist.	-654 Apr 22 j 12:35	22°♈56'46	0.55072 AU	
morning rise	-654 Apr 30 j 15:54	19°♈20'20		
direct	-654 May 04 j 00:56	18°♈55'42		
morning max el	-654 May 17 j 02:31	25°♈13'17	22°47'55	
	-654 May 21 j 12:49	0°♉		
asc. node	-654 Jun 06 j 04:00	25°♉49'46		
morning set	-654 Jun 08 j 11:53	0°♊37'30		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-654 Jun 08 j 04:41	0°♊	
superior conj	-654 Jun 15 j 16:38	15°♊56'42	1°25'34
minimum elong	-654 Jun 15 j 14:08	15°♊43'27	1°25'15
max. Earth dist.	-654 Jun 18 j 11:33	21°♊49'12	1.34051 AU
	-654 Jun 22 j 11:42	0°♋	
evening rise	-654 Jun 23 j 11:53	1°♋59'51	
	-654 Jul 09 j 10:27	0°♌	
desc. node	-654 Jul 16 j 06:23	9°♌56'40	
evening max el	-654 Jul 27 j 21:50	23°♌38'51	27°14'53
	-654 Aug 05 j 19:50	0°♍	
retrograde	-654 Aug 10 j 07:30	0°♍58'16	
	-654 Aug 14 j 12:20	30°℞♌	
evening set	-654 Aug 17 j 07:56	28°♌13'23	
min. Earth dist.	-654 Aug 21 j 02:38	24°♌38'03	0.64736 AU
inferior conj	-654 Aug 23 j 07:34	22°♌12'28	-3°-3'-16
minimum elong	-654 Aug 23 j 11:51	22°♌00'39	3°01'55
morning rise	-654 Aug 29 j 17:25	16°♌40'37	
direct	-654 Sep 01 j 09:05	16°♌03'35	
asc. node	-654 Sep 02 j 03:10	16°♌06'35	
morning max el	-654 Sep 07 j 21:18	19°♌32'38	18°05'06
	-654 Sep 15 j 16:34	0°♍	
morning set	-654 Sep 25 j 17:18	16°♍33'53	
	-654 Oct 03 j 19:34	0°♎	
superior conj	-654 Oct 09 j 12:56	9°♎16'13	0°17'40
minimum elong	-654 Oct 09 j 15:02	9°♎24'40	0°17'22
desc. node	-654 Oct 12 j 05:42	13°♎34'40	
max. Earth dist.	-654 Oct 13 j 16:51	15°♎54'04	1.44665 AU
	-654 Oct 22 j 16:52	0°♏	
evening rise	-654 Oct 26 j 01:37	5°♏12'48	
	-654 Nov 11 j 10:02	0°♐	
greatest brilliancy	-654 Nov 13 j 14:09	3°♐05'33	-0.6m
evening max el	-654 Nov 20 j 20:17	12°♐09'32	19°56'30
retrograde	-654 Nov 28 j 10:13	16°♐35'36	
asc. node	-654 Nov 29 j 02:23	16°♐33'01	
evening set	-654 Dec 01 j 23:23	15°♐22'01	
inferior conj	-654 Dec 07 j 12:11	9°♐18'10	2°36'15
minimum elong	-654 Dec 07 j 09:23	9°♐27'27	2°35'23
min. Earth dist.	-654 Dec 08 j 10:19	8°♐04'34	0.66704 AU
morning rise	-654 Dec 12 j 18:47	3°♐03'33	
direct	-654 Dec 18 j 16:03	0°♐28'13	
morning max el	-654 Dec 30 j 14:03	7°♐33'05	25°17'03
desc. node	-653 Jan 08 j 04:54	17°♐35'29	
	-653 Jan 17 j 03:37	0°♑	
morning set	-653 Feb 04 j 19:03	0°♒26'25	
	-653 Feb 04 j 13:11	0°♒	
max. Earth dist.	-653 Feb 08 j 13:19	7°♒21'06	1.36556 AU
superior conj	-653 Feb 14 j 14:10	18°♒59'49	-1°-32'-49
minimum elong	-653 Feb 14 j 17:54	19°♒18'22	1°32'22
	-653 Feb 20 j 01:22	0°♓	
evening rise	-653 Feb 22 j 19:59	5°♓37'31	
asc. node	-653 Feb 25 j 01:43	10°♓06'00	
	-653 Mar 08 j 21:14	0°♈	
evening max el	-653 Mar 12 j 04:54	3°♈42'03	19°41'42
retrograde	-653 Mar 21 j 21:51	8°♈21'06	
evening set	-653 Mar 24 j 01:28	8°♈08'24	
inferior conj	-653 Apr 01 j 16:48	4°♈05'06	1°14'29
minimum elong	-653 Apr 01 j 19:50	4°♈00'19	1°13'29
min. Earth dist.	-653 Apr 04 j 02:50	2°♈34'12	0.55855 AU
desc. node	-653 Apr 06 j 04:04	1°♈22'13	
	-653 Apr 09 j 00:02	30°℞♓	
morning rise	-653 Apr 10 j 10:50	29°♓28'30	
direct	-653 Apr 14 j 18:33	28°♓46'50	
	-653 Apr 20 j 11:05	0°♈	
morning max el	-653 Apr 28 j 18:09	5°♈47'28	24°28'36
	-653 May 16 j 01:40	0°♉	
morning set	-653 May 23 j 23:50	15°♉36'42	
asc. node	-653 May 24 j 01:02	15°♉42'58	
	-653 May 30 j 16:10	0°♊	
superior conj	-653 May 31 j 01:16	0°♊49'16	1°07'56
minimum elong	-653 May 30 j 22:50	0°♊36'09	1°07'32
max. Earth dist.	-653 Jun 01 j 16:14	4°♊19'44	1.33120 AU
evening rise	-653 Jun 07 j 09:30	16°♊19'23	
	-653 Jun 14 j 11:41	0°♋	
desc. node	-653 Jul 03 j 03:24	28°♋43'14	
	-653 Jul 04 j 04:29	0°♌	
evening max el	-653 Jul 10 j 07:39	6°♌39'07	27°24'55
retrograde	-653 Jul 24 j 01:00	13°♌58'59	
evening set	-653 Jul 31 j 05:50	11°♌23'25	
min. Earth dist.	-653 Aug 03 j 20:01	8°♌20'22	0.63122 AU
inferior conj	-653 Aug 06 j 14:12	5°♌36'50	-3°-49'-50
minimum elong	-653 Aug 06 j 18:47	5°♌25'27	3°48'46
morning rise	-653 Aug 13 j 10:01	0°♌23'28	
	-653 Aug 14 j 19:10	30°℞♋	
direct	-653 Aug 15 j 21:55	29°♋54'02	
	-653 Aug 17 j 00:34	0°♌	
asc. node	-653 Aug 20 j 00:13	1°♌14'24	
morning max el	-653 Aug 22 j 12:54	3°♌19'06	17°53'47
morning set	-653 Sep 07 j 23:30	28°♌49'04	
	-653 Sep 08 j 15:37	0°♍	
superior conj	-653 Sep 19 j 19:44	19°♍13'39	0°58'55
minimum elong	-653 Sep 20 j 00:46	19°♍34'42	0°58'17
	-653 Sep 26 j 09:23	0°♎	
max. Earth dist.	-653 Sep 26 j 08:37	29°♍56'56	1.43631 AU
desc. node	-653 Sep 29 j 02:44	4°♎21'26	
evening rise	-653 Oct 05 j 08:04	14°♎06'52	
	-653 Oct 15 j 19:13	0°♏	
greatest brilliancy	-653 Oct 29 j 09:57	19°♏14'48	-0.5m
evening max el	-653 Nov 03 j 20:28	25°♏37'31	21°02'01
	-653 Nov 09 j 12:41	0°♐	
retrograde	-653 Nov 12 j 07:42	0°♐39'02	
	-653 Nov 14 j 22:59	30°℞♏	
asc. node	-653 Nov 15 j 23:24	29°♏23'22	
evening set	-653 Nov 16 j 06:49	29°♏09'54	
inferior conj	-653 Nov 21 j 17:04	22°♏55'45	1°52'50
minimum elong	-653 Nov 21 j 14:45	23°♏03'41	1°51'58
min. Earth dist.	-653 Nov 22 j 03:15	22°♏20'45	0.67321 AU
morning rise	-653 Nov 26 j 22:18	16°♏39'55	
direct	-653 Dec 02 j 04:19	14°♏24'06	
morning max el	-653 Dec 12 j 22:42	20°♏49'19	23°51'31
	-653 Dec 20 j 20:06	0°♐	
desc. node	-653 Dec 26 j 01:56	7°♐01'02	
	-652 Jan 10 j 09:34	0°♑	
morning set	-652 Jan 17 j 09:59	11°♑37'44	
max. Earth dist.	-652 Jan 21 j 08:53	18°♑30'50	1.38573 AU
	-652 Jan 27 j 15:55	0°♒	
superior conj	-652 Jan 28 j 16:02	1°♒53'35	-1°-50'-47
minimum elong	-652 Jan 28 j 19:16	2°♒08'54	1°50'35
evening rise	-652 Feb 06 j 17:05	19°♒25'47	
asc. node	-652 Feb 11 j 22:44	29°♒26'28	
	-652 Feb 12 j 06:03	0°♓	
evening max el	-652 Feb 23 j 03:08	15°♓53'52	18°50'25
retrograde	-652 Mar 02 j 08:32	19°♓52'32	
evening set	-652 Mar 04 j 15:51	19°♓35'01	
inferior conj	-652 Mar 12 j 12:55	15°♓15'33	2°40'51
minimum elong	-652 Mar 12 j 17:21	15°♓07'26	2°39'44
min. Earth dist.	-652 Mar 15 j 19:22	12°♓53'42	0.57404 AU
morning rise	-652 Mar 20 j 14:41	10°♓06'28	
desc. node	-652 Mar 23 j 01:06	9°♓16'31	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

direct	-652 Mar 26 j 01:53	8°♓53'57	
morning max el	-652 Apr 09 j 09:37	16°♓22'26	26°00'28
	-652 Apr 20 j 11:56	0°♈	
morning set	-652 May 07 j 11:23	0°♉34'34	
	-652 May 07 j 04:48	0°♉	
asc. node	-652 May 09 j 22:04	5°♉47'02	
superior conj	-652 May 14 j 12:21	15°♉48'18	0°46'52
minimum elong	-652 May 14 j 10:27	15°♉37'55	0°46'30
max. Earth dist.	-652 May 15 j 02:46	17°♉07'12	1.32564 AU
	-652 May 21 j 02:39	0°♊	
evening rise	-652 May 21 j 14:03	0°♊59'17	
	-652 Jun 06 j 12:35	0°♋	
desc. node	-652 Jun 19 j 00:24	16°♋29'48	
evening max el	-652 Jun 21 j 13:15	19°♋03'44	27°02'38
retrograde	-652 Jul 05 j 11:43	26°♋21'34	
evening set	-652 Jul 12 j 11:29	24°♋09'34	
min. Earth dist.	-652 Jul 16 j 03:15	21°♋27'15	0.61208 AU
inferior conj	-652 Jul 19 j 08:04	18°♋39'50	-4°-25'-10
minimum elong	-652 Jul 19 j 11:34	18°♋32'11	4°24'43
morning rise	-652 Jul 26 j 14:36	13°♋47'37	
direct	-652 Jul 29 j 01:08	13°♋23'22	
morning max el	-652 Aug 05 j 02:33	16°♋53'24	18°01'05
asc. node	-652 Aug 05 j 21:17	17°♋41'00	
	-652 Aug 14 j 09:11	0°♌	
morning set	-652 Aug 20 j 23:54	11°♌56'18	
	-652 Aug 30 j 22:41	0°♍	
superior conj	-652 Aug 31 j 05:53	0°♍31'39	1°27'13
minimum elong	-652 Aug 31 j 10:15	0°♍50'55	1°26'49
max. Earth dist.	-652 Sep 07 j 19:01	13°♍25'58	1.42052 AU
evening rise	-652 Sep 13 j 22:24	23°♍24'59	
desc. node	-652 Sep 14 j 23:46	25°♍05'31	
	-652 Sep 18 j 03:02	0°♎	
	-652 Oct 08 j 21:38	0°♏	
greatest brilliancy	-652 Oct 11 j 21:26	3°♏46'25	-0.3m
evening max el	-652 Oct 16 j 14:55	9°♏05'53	22°17'29
retrograde	-652 Oct 26 j 03:29	14°♏45'45	
evening set	-652 Oct 30 j 14:36	12°♏59'18	
asc. node	-652 Nov 01 j 20:28	10°♏45'23	
inferior conj	-652 Nov 04 j 23:50	6°♏38'39	1°04'02
minimum elong	-652 Nov 04 j 22:24	6°♏43'36	1°03'25
min. Earth dist.	-652 Nov 04 j 23:15	6°♏40'40	0.67603 AU
morning rise	-652 Nov 10 j 06:03	0°♏24'03	
	-652 Nov 10 j 18:18	30°℞♎	
direct	-652 Nov 14 j 20:56	28°♎30'29	
	-652 Nov 19 j 09:47	0°♏	
morning max el	-652 Nov 24 j 09:45	4°♏09'32	22°24'12
greatest brilliancy	-652 Nov 29 j 01:08	9°♏22'12	-0.3m
desc. node	-652 Dec 11 j 23:00	26°♏54'41	
	-652 Dec 14 j 01:27	0°♐	
morning set	-652 Dec 27 j 20:36	21°♐24'56	
max. Earth dist.	-651 Jan 02 j 05:15	0°♑18'00	1.40687 AU
	-651 Jan 02 j 00:59	0°♑	
superior conj	-651 Jan 10 j 00:31	13°♑53'45	-2°00'-19
minimum elong	-651 Jan 10 j 01:31	13°♑58'10	2°00'19
	-651 Jan 18 j 18:05	0°♒	
evening rise	-651 Jan 20 j 04:00	2°♒39'28	
asc. node	-651 Jan 28 j 19:46	18°♒19'26	
evening max el	-651 Feb 05 j 09:12	28°♒35'49	18°19'13
	-651 Feb 06 j 23:46	0°♓	
retrograde	-651 Feb 12 j 13:53	2°♓10'03	
evening set	-651 Feb 15 j 01:50	1°♓45'18	
	-651 Feb 18 j 12:21	30°℞♒	
inferior conj	-651 Feb 22 j 06:00	27°♒04'53	3°31'28
minimum elong	-651 Feb 22 j 08:56	26°♒58'39	3°31'03
min. Earth dist.	-651 Feb 25 j 15:58	24°♒12'13	0.59395 AU
morning rise	-651 Mar 01 j 12:30	21°♒30'57	
direct	-651 Mar 07 j 22:24	19°♒40'21	
desc. node	-651 Mar 09 j 22:08	19°♒50'43	
morning max el	-651 Mar 22 j 05:34	27°♒23'08	27°08'46
	-651 Mar 24 j 18:00	0°♓	
	-651 Apr 14 j 00:21	0°♈	
morning set	-651 Apr 21 j 20:51	15°♈25'06	
asc. node	-651 Apr 26 j 19:07	25°♈57'21	
max. Earth dist.	-651 Apr 28 j 15:39	0°♉00'58	1.32368 AU
	-651 Apr 28 j 15:28	0°♉	
superior conj	-651 Apr 29 j 00:09	0°♉47'38	0°23'12
minimum elong	-651 Apr 28 j 23:08	0°♉42'02	0°22'59
evening rise	-651 May 05 j 23:03	15°♉51'12	
	-651 May 13 j 01:34	0°♊	
	-651 Jun 02 j 18:02	0°♋	
evening max el	-651 Jun 03 j 12:42	0°♋45'28	26°08'06
desc. node	-651 Jun 05 j 21:25	2°♋51'43	
retrograde	-651 Jun 17 j 13:57	7°♋59'14	
evening set	-651 Jun 23 j 20:26	6°♋22'53	
min. Earth dist.	-651 Jun 28 j 01:35	3°♋44'30	0.59156 AU
inferior conj	-651 Jul 01 j 09:39	1°♋12'50	-4°-41'-1
minimum elong	-651 Jul 01 j 10:06	1°♋11'59	4°41'01
	-651 Jul 03 j 00:37	30°℞♊	
morning rise	-651 Jul 09 j 03:19	26°♊43'08	
direct	-651 Jul 11 j 14:38	26°♊22'12	
	-651 Jul 19 j 08:00	0°♋	
morning max el	-651 Jul 19 j 11:15	0°♋07'39	18°28'09
asc. node	-651 Jul 23 j 18:22	5°♋11'23	
morning set	-651 Aug 04 j 13:28	25°♋42'57	
	-651 Aug 06 j 18:54	0°♌	
superior conj	-651 Aug 13 j 15:24	12°♌59'38	1°42'44
minimum elong	-651 Aug 13 j 17:39	13°♌10'02	1°42'37
max. Earth dist.	-651 Aug 21 j 00:18	26°♌13'30	1.40143 AU
	-651 Aug 23 j 05:03	0°♍	
evening rise	-651 Aug 25 j 10:35	3°♍45'15	
desc. node	-651 Sep 01 j 20:47	15°♍43'35	
	-651 Sep 11 j 09:10	0°♎	
evening max el	-651 Sep 29 j 04:58	22°♎36'54	23°37'35
retrograde	-651 Oct 09 j 20:09	28°♎53'17	
evening set	-651 Oct 14 j 21:06	26°♎48'26	
asc. node	-651 Oct 19 j 17:32	21°♎10'17	
inferior conj	-651 Oct 20 j 06:45	20°♎25'09	0°11'25
minimum elong	-651 Oct 20 j 06:29	20°♎26'05	0°11'17
transit middle	-651 Oct 20 j 06:29	20°♎26'05	0°11'17
transit begin	-651 Oct 20 j 04:31	20°♎32'47	
transit end	-651 Oct 20 j 08:26	20°♎19'24	
min. Earth dist.	-651 Oct 19 j 19:51	21°♎02'25	0.67571 AU
morning rise	-651 Oct 25 j 15:58	14°♎14'35	
direct	-651 Oct 29 j 16:50	12°♎43'02	
morning max el	-651 Nov 07 j 02:39	17°♎37'49	21°03'06
greatest brilliancy	-651 Nov 12 j 15:34	24°♎04'15	-0.5m
	-651 Nov 17 j 01:52	0°♏	
desc. node	-651 Nov 28 j 20:03	17°♏08'29	
morning set	-651 Dec 07 j 04:03	29°♏56'51	
	-651 Dec 07 j 04:51	0°♐	
max. Earth dist.	-651 Dec 15 j 08:42	13°♐01'56	1.42603 AU
superior conj	-651 Dec 22 j 10:09	24°♐47'16	-1°-57'-4
minimum elong	-651 Dec 22 j 06:55	24°♐33'34	1°56'59
	-651 Dec 25 j 11:02	0°♑	
evening rise	-650 Jan 03 j 00:59	15°♑10'43	
	-650 Jan 11 j 11:06	0°♒	
asc. node	-650 Jan 15 j 16:49	6°♒36'15	
evening max el	-650 Jan 19 j 20:00	11°♒38'55	18°07'48

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-650 Jan 26 j 11:21	15°♒04'19	
evening set	-650 Jan 29 j 03:25	14°♒31'05	
inferior conj	-650 Feb 04 j 17:54	9°♒28'46	3°51'20
minimum elong	-650 Feb 04 j 18:29	9°♒27'21	3°51'19
min. Earth dist.	-650 Feb 07 j 19:25	6°♒30'15	0.61480 AU
morning rise	-650 Feb 11 j 07:02	3°♒38'16	
direct	-650 Feb 18 j 05:04	1°♒14'13	
desc. node	-650 Feb 24 j 19:12	3°♒09'15	
morning max el	-650 Mar 04 j 07:45	9°♒03'22	27°43'18
	-650 Mar 20 j 11:33	0°♓	
morning set	-650 Apr 06 j 02:13	0°♈00'42	
	-650 Apr 06 j 02:05	0°♈	
max. Earth dist.	-650 Apr 12 j 03:03	12°♈46'57	1.32541 AU
superior conj	-650 Apr 13 j 10:55	15°♈40'16	0°-2'-19
minimum elong	-650 Apr 13 j 11:01	15°♈40'52	0°02'18
behind sun begin	-650 Apr 13 j 05:59	15°♈13'21	
behind sun end	-650 Apr 13 j 16:04	16°♈08'23	
asc. node	-650 Apr 13 j 16:11	16°♈08'59	
evening rise	-650 Apr 20 j 10:21	0°♉46'47	
	-650 Apr 20 j 01:31	0°♉	
	-650 May 06 j 13:39	0°♊	
evening max el	-650 May 16 j 05:50	11°♊45'08	24°47'27
desc. node	-650 May 23 j 18:27	17°♊14'50	
retrograde	-650 May 30 j 05:12	18°♊49'55	
evening set	-650 Jun 04 j 06:24	17°♊52'04	
min. Earth dist.	-650 Jun 09 j 17:25	15°♊00'39	0.57223 AU
inferior conj	-650 Jun 12 j 15:43	13°♊05'15	-4°-25'-44
minimum elong	-650 Jun 12 j 11:40	13°♊11'57	4°25'16
morning rise	-650 Jun 20 j 20:47	8°♊56'42	
direct	-650 Jun 23 j 10:20	8°♊38'00	
morning max el	-650 Jul 02 j 11:58	12°♊51'29	19°16'02
asc. node	-650 Jul 10 j 15:26	23°♊30'33	
	-650 Jul 14 j 08:25	0°♋	
morning set	-650 Jul 19 j 12:18	9°♋57'59	
superior conj	-650 Jul 27 j 18:33	26°♋21'06	1°47'33
minimum elong	-650 Jul 27 j 18:40	26°♋21'40	1°47'33
	-650 Jul 29 j 15:56	0°♌	
max. Earth dist.	-650 Aug 03 j 03:25	8°♌22'59	1.38143 AU
evening rise	-650 Aug 06 j 23:48	15°♌16'48	
	-650 Aug 15 j 18:53	0°♍	
desc. node	-650 Aug 19 j 17:49	6°♍10'54	
	-650 Sep 06 j 01:13	0°♎	
evening max el	-650 Sep 11 j 16:45	6°♎11'20	24°55'46
retrograde	-650 Sep 23 j 08:47	12°♎58'00	
evening set	-650 Sep 29 j 00:36	10°♎35'23	
min. Earth dist.	-650 Oct 03 j 14:33	5°♎24'17	0.67220 AU
inferior conj	-650 Oct 04 j 12:03	4°♎13'18	0°-43'-30
minimum elong	-650 Oct 04 j 13:08	4°♎09'45	0°43'03
asc. node	-650 Oct 06 j 14:37	1°♎31'47	
	-650 Oct 07 j 23:13	30°℞♍	
morning rise	-650 Oct 10 j 02:08	28°♍09'41	
direct	-650 Oct 13 j 14:44	26°♍57'58	
	-650 Oct 19 j 19:05	0°♎	
morning max el	-650 Oct 21 j 03:14	1°♎16'40	19°53'34
greatest brilliancy	-650 Oct 28 j 17:07	10°♎39'20	-0.6m
	-650 Nov 10 j 18:19	0°♏	
desc. node	-650 Nov 15 j 17:06	7°♏36'38	
morning set	-650 Nov 16 j 00:47	8°♏06'18	
max. Earth dist.	-650 Nov 27 j 20:07	26°♏36'42	1.44052 AU
	-650 Nov 29 j 22:58	0°♐	
superior conj	-650 Dec 02 j 16:52	4°♐25'55	-1°-36'-53
minimum elong	-650 Dec 02 j 09:24	3°♐55'39	1°36'17
evening rise	-650 Dec 16 j 03:42	26°♐51'34	
	-650 Dec 17 j 23:50	0°♑	
asc. node	-649 Jan 02 j 13:53	24°♑06'02	
evening max el	-649 Jan 03 j 08:33	24°♑55'21	18°15'34
retrograde	-649 Jan 09 j 20:26	28°♑25'03	
evening set	-649 Jan 12 j 16:42	27°♑42'30	
inferior conj	-649 Jan 18 j 20:45	22°♑19'40	3°48'22
minimum elong	-649 Jan 18 j 19:25	22°♑23'22	3°48'15
min. Earth dist.	-649 Jan 21 j 08:11	19°♑36'45	0.63388 AU
morning rise	-649 Jan 24 j 20:26	16°♑18'14	
direct	-649 Jan 31 j 20:03	13°♑33'18	
desc. node	-649 Feb 11 j 16:15	18°♑40'07	
morning max el	-649 Feb 14 j 15:06	21°♑23'35	27°40'55
	-649 Feb 22 j 03:42	0°♒	
	-649 Mar 13 j 13:24	0°♓	
morning set	-649 Mar 21 j 01:12	14°♓13'44	
max. Earth dist.	-649 Mar 26 j 09:01	25°♓11'47	1.33104 AU
superior conj	-649 Mar 28 j 18:56	0°♈20'32	0°-28'-47
minimum elong	-649 Mar 28 j 20:18	0°♈27'52	0°28'31
	-649 Mar 28 j 15:07	0°♈	
asc. node	-649 Mar 31 j 13:13	6°♈17'45	
evening rise	-649 Apr 04 j 22:08	15°♈39'27	
	-649 Apr 12 j 03:06	0°♉	
evening max el	-649 Apr 27 j 20:34	22°♉21'19	23°13'20
desc. node	-649 May 10 j 15:27	29°♉02'55	
retrograde	-649 May 11 j 08:04	29°♉04'00	
evening set	-649 May 14 j 22:58	28°♉35'14	
min. Earth dist.	-649 May 22 j 06:25	25°♉17'10	0.55745 AU
inferior conj	-649 May 24 j 01:56	24°♉13'23	-3°-27'-58
minimum elong	-649 May 23 j 18:56	24°♉23'42	3°26'14
morning rise	-649 Jun 01 j 18:09	20°♉18'25	
direct	-649 Jun 04 j 10:52	20°♉00'51	
morning max el	-649 Jun 15 j 02:24	24°♉56'32	20°24'47
	-649 Jun 19 j 15:19	0°♊	
asc. node	-649 Jun 27 j 12:29	12°♊26'47	
morning set	-649 Jul 03 j 17:28	24°♊33'24	
	-649 Jul 06 j 09:06	0°♋	
superior conj	-649 Jul 11 j 10:19	10°♋21'42	1°43'57
minimum elong	-649 Jul 11 j 08:53	10°♋14'28	1°43'52
max. Earth dist.	-649 Jul 16 j 09:32	20°♋12'32	1.36291 AU
evening rise	-649 Jul 20 j 10:53	27°♋52'21	
	-649 Jul 21 j 14:46	0°♌	
desc. node	-649 Aug 06 j 14:50	26°♌21'51	
	-649 Aug 09 j 02:42	0°♍	
evening max el	-649 Aug 25 j 04:05	19°♍46'57	26°04'28
retrograde	-649 Sep 06 j 16:46	26°♍54'35	
evening set	-649 Sep 12 j 23:09	24°♍17'27	
min. Earth dist.	-649 Sep 17 j 04:59	19°♍43'19	0.66536 AU
inferior conj	-649 Sep 18 j 13:55	18°♍00'27	-1°-39'-9
minimum elong	-649 Sep 18 j 16:24	17°♍52'40	1°38'09
asc. node	-649 Sep 23 j 11:41	12°♍45'19	
morning rise	-649 Sep 24 j 10:31	12°♍06'41	
direct	-649 Sep 27 j 13:01	11°♍11'25	
morning max el	-649 Oct 04 j 10:56	15°♍03'57	18°58'31
	-649 Oct 15 j 13:18	0°♎	
morning set	-649 Oct 26 j 11:10	17°♎02'21	
desc. node	-649 Nov 02 j 14:08	28°♎14'13	
	-649 Nov 03 j 17:05	0°♏	
max. Earth dist.	-649 Nov 10 j 12:31	10°♏42'03	1.44862 AU
superior conj	-649 Nov 12 j 00:10	13°♏02'31	0°-58'-56
minimum elong	-649 Nov 11 j 17:03	12°♏34'28	0°58'06
	-649 Nov 22 j 15:45	0°♐	
evening rise	-649 Nov 27 j 07:58	7°♐33'56	
	-649 Dec 11 j 09:29	0°♑	
evening max el	-649 Dec 17 j 20:07	8°♑18'15	18°41'41
asc. node	-649 Dec 20 j 10:56	10°♑34'35	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-649 Dec 24 j 12:46	12°♌03'05	
evening set	-649 Dec 27 j 14:12	11°♌10'02	
inferior conj	-648 Jan 02 j 10:37	5°♌29'06	3°29'05
minimum elong	-648 Jan 02 j 08:08	5°♌36'33	3°28'39
min. Earth dist.	-648 Jan 04 j 06:48	3°♌15'54	0.64972 AU
	-648 Jan 07 j 07:21	30°℞♐	
morning rise	-648 Jan 08 j 00:56	29°♐20'28	
direct	-648 Jan 14 j 18:05	26°♐29'18	
	-648 Jan 23 j 06:07	0°♌	
morning max el	-648 Jan 28 j 00:43	4°♌12'34	27°04'37
desc. node	-648 Jan 29 j 13:17	5°♌47'00	
	-648 Feb 16 j 15:06	0°♒	
morning set	-648 Mar 03 j 14:40	27°♒53'40	
	-648 Mar 04 j 16:40	0°♓	
max. Earth dist.	-648 Mar 08 j 05:28	7°♓02'59	1.34087 AU
superior conj	-648 Mar 11 j 22:10	14°♓41'18	0°-55'-10
minimum elong	-648 Mar 12 j 00:45	14°♓54'52	0°54'42
asc. node	-648 Mar 17 j 10:15	26°♓19'16	
evening rise	-648 Mar 19 j 08:31	0°♈22'10	
	-648 Mar 19 j 04:16	0°♈	
	-648 Apr 05 j 18:53	0°♉	
evening max el	-648 Apr 08 j 16:01	3°♉04'25	21°40'37
retrograde	-648 Apr 21 j 00:21	9°♉05'20	
evening set	-648 Apr 23 j 13:24	8°♉50'45	
desc. node	-648 Apr 26 j 12:27	8°♉00'07	
inferior conj	-648 May 02 j 22:31	4°♉48'22	-1°-48'-11
minimum elong	-648 May 02 j 17:34	4°♉55'19	1°46'31
min. Earth dist.	-648 May 02 j 19:29	4°♉52'38	0.55040 AU
morning rise	-648 May 11 j 22:33	0°♉50'44	
direct	-648 May 14 j 22:40	0°♉30'52	
morning max el	-648 May 27 j 05:52	6°♉19'13	21°51'55
	-648 Jun 12 j 10:42	0°♊	
asc. node	-648 Jun 13 j 09:32	1°♊50'58	
morning set	-648 Jun 17 j 02:45	9°♊22'50	
superior conj	-648 Jun 24 j 10:51	24°♊49'51	1°33'48
minimum elong	-648 Jun 24 j 08:34	24°♊37'53	1°33'35
	-648 Jun 26 j 22:37	0°♋	
max. Earth dist.	-648 Jun 27 j 23:39	2°♋07'54	1.34754 AU
evening rise	-648 Jul 02 j 14:51	11°♋18'57	
	-648 Jul 13 j 00:28	0°♌	
desc. node	-648 Jul 23 j 11:49	16°♌09'04	
	-648 Aug 03 j 10:45	0°♍	
evening max el	-648 Aug 06 j 15:50	3°♍18'23	26°55'59
retrograde	-648 Aug 19 j 19:43	10°♍36'37	
evening set	-648 Aug 26 j 14:34	7°♍51'47	
min. Earth dist.	-648 Aug 30 j 12:56	3°♍55'20	0.65495 AU
inferior conj	-648 Sep 01 j 10:19	1°♍43'40	-2°-33'-31
minimum elong	-648 Sep 01 j 14:04	1°♍32'47	2°32'11
	-648 Sep 02 j 22:46	30°℞♌	
morning rise	-648 Sep 07 j 14:58	26°♌02'52	
asc. node	-648 Sep 09 j 08:43	25°♌26'18	
direct	-648 Sep 10 j 09:47	25°♌20'17	
morning max el	-648 Sep 16 j 23:46	28°♌55'48	18°19'40
	-648 Sep 17 j 23:56	0°♍	
morning set	-648 Oct 06 j 01:06	27°♍21'28	
	-648 Oct 07 j 15:57	0°♎	
desc. node	-648 Oct 19 j 11:11	18°♎58'10	
superior conj	-648 Oct 21 j 01:00	21°♎27'47	0°-10'-17
minimum elong	-648 Oct 20 j 23:39	21°♎22'28	0°10'08
behind sun begin	-648 Oct 20 j 14:50	20°♎47'37	
behind sun end	-648 Oct 21 j 08:28	21°♎57'18	
max. Earth dist.	-648 Oct 23 j 06:54	25°♎00'18	1.44948 AU
	-648 Oct 26 j 11:11	0°♏	
evening rise	-648 Nov 06 j 12:27	17°♏18'05	
	-648 Nov 14 j 15:36	0°♐	
greatest brilliancy	-648 Nov 21 j 04:15	9°♐56'52	-0.7m
evening max el	-648 Nov 30 j 04:35	21°♐44'57	19°24'48
asc. node	-648 Dec 06 j 07:57	25°♐47'39	
retrograde	-648 Dec 07 j 08:59	25°♐53'45	
evening set	-648 Dec 10 j 17:16	24°♐48'23	
inferior conj	-648 Dec 16 j 08:19	18°♐52'12	2°58'08
minimum elong	-648 Dec 16 j 05:27	19°♐01'26	2°57'22
min. Earth dist.	-648 Dec 17 j 14:08	17°♐15'51	0.66184 AU
morning rise	-648 Dec 21 j 16:51	12°♐39'03	
direct	-648 Dec 27 j 22:21	9°♐54'50	
morning max el	-647 Jan 09 j 10:04	17°♐18'02	26°01'34
desc. node	-647 Jan 15 j 10:21	24°♐02'32	
	-647 Jan 20 j 01:43	0°♑	
	-647 Feb 08 j 13:36	0°♒	
morning set	-647 Feb 14 j 14:29	10°♒48'02	
max. Earth dist.	-647 Feb 18 j 13:54	18°♒19'30	1.35527 AU
superior conj	-647 Feb 23 j 18:11	28°♒35'33	-1°-20'00
minimum elong	-647 Feb 23 j 21:41	28°♒53'20	1°19'29
	-647 Feb 24 j 10:48	0°♓	
evening rise	-647 Mar 03 j 15:33	14°♓48'50	
asc. node	-647 Mar 04 j 07:16	16°♓09'00	
	-647 Mar 11 j 12:36	0°♈	
evening max el	-647 Mar 21 j 21:32	14°♈18'06	20°20'10
retrograde	-647 Apr 01 j 14:07	19°♈25'40	
evening set	-647 Apr 03 j 17:44	19°♈14'07	
inferior conj	-647 Apr 12 j 18:26	15°♈16'17	0°10'43
minimum elong	-647 Apr 12 j 18:55	15°♈15'34	0°10'33
transit middle	-647 Apr 12 j 18:55	15°♈15'34	0°10'33
transit begin	-647 Apr 12 j 15:54	15°♈20'00	
transit end	-647 Apr 12 j 21:56	15°♈11'07	
desc. node	-647 Apr 13 j 09:29	14°♈54'05	
min. Earth dist.	-647 Apr 14 j 09:22	14°♈19'03	0.55290 AU
morning rise	-647 Apr 21 j 17:49	10°♈57'23	
direct	-647 Apr 25 j 11:25	10°♈27'00	
morning max el	-647 May 09 j 00:21	17°♈05'27	23°30'48
	-647 May 19 j 09:30	0°♉	
asc. node	-647 May 31 j 06:33	21°♉35'17	
morning set	-647 Jun 01 j 14:12	24°♉19'59	
	-647 Jun 04 j 06:14	0°♊	
superior conj	-647 Jun 08 j 17:12	9°♊35'43	1°18'34
minimum elong	-647 Jun 08 j 14:40	9°♊22'10	1°18'13
max. Earth dist.	-647 Jun 10 j 23:30	14°♊25'16	1.33606 AU
evening rise	-647 Jun 16 j 07:08	25°♊22'45	
	-647 Jun 18 j 15:34	0°♋	
	-647 Jul 06 j 11:21	0°♌	
desc. node	-647 Jul 10 j 08:50	5°♌21'45	
evening max el	-647 Jul 20 j 03:10	16°♌34'27	27°22'58
retrograde	-647 Aug 02 j 16:51	23°♌54'43	
evening set	-647 Aug 09 j 19:52	21°♌12'24	
min. Earth dist.	-647 Aug 13 j 12:16	17°♌51'26	0.64089 AU
inferior conj	-647 Aug 15 j 22:49	15°♌17'00	-3°-24'00
minimum elong	-647 Aug 16 j 03:22	15°♌04'59	3°22'44
morning rise	-647 Aug 22 j 12:47	9°♌52'21	
direct	-647 Aug 25 j 02:28	9°♌18'57	
asc. node	-647 Aug 27 j 05:45	9°♌42'16	
morning max el	-647 Aug 31 j 15:07	12°♌45'38	17°58'00
	-647 Sep 12 j 11:53	0°♍	
morning set	-647 Sep 17 j 18:13	8°♍59'12	
	-647 Sep 30 j 06:59	0°♎	
superior conj	-647 Sep 30 j 16:55	0°♎40'29	0°36'35
minimum elong	-647 Sep 30 j 20:49	0°♎56'20	0°36'03
max. Earth dist.	-647 Oct 06 j 00:31	9°♎14'03	1.44309 AU
desc. node	-647 Oct 06 j 08:12	9°♎44'38	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening rise	-647 Oct	16 j 22:49	26°♎19'53	
	-647 Oct	19 j 08:06	0°♏	
greatest brilliancy	-647 Nov	07 j 00:09	27°♏32'12	-0.6m
	-647 Nov	08 j 21:06	0°♐	
evening max el	-647 Nov	13 j 08:11	5°♐13'03	20°22'58
retrograde	-647 Nov	21 j 06:31	9°♐53'15	
asc. node	-647 Nov	23 j 04:59	9°♐31'50	
evening set	-647 Nov	24 j 23:40	8°♐33'24	
inferior conj	-647 Nov	30 j 11:12	2°♐25'00	2°18'36
minimum elong	-647 Nov	30 j 08:34	2°♐33'56	2°17'41
min. Earth dist.	-647 Dec	01 j 04:10	1°♐27'44	0.67015 AU
	-647 Dec	02 j 06:38	30°℞♏	
morning rise	-647 Dec	05 j 16:56	26°♏09'40	
direct	-647 Dec	11 j 07:57	23°♏41'48	
	-647 Dec	22 j 06:04	0°♐	
morning max el	-647 Dec	22 j 18:25	0°♐30'46	24°41'22
desc. node	-646 Jan	02 j 07:26	13°♐06'42	
	-646 Jan	14 j 00:36	0°♑	
morning set	-646 Jan	27 j 19:13	22°♑41'27	
max. Earth dist.	-646 Jan	31 j 12:17	29°♑21'21	1.37382 AU
	-646 Jan	31 j 20:43	0°♒	
superior conj	-646 Feb	07 j 03:51	11°♒54'40	-1°-41'-15
minimum elong	-646 Feb	07 j 07:33	12°♒12'38	1°40'53
evening rise	-646 Feb	15 j 17:03	28°♒53'12	
	-646 Feb	16 j 06:29	0°♓	
asc. node	-646 Feb	19 j 04:18	5°♓41'56	
evening max el	-646 Mar	04 j 14:12	26°♓09'43	19°17'33
	-646 Mar	10 j 13:10	0°♈	
retrograde	-646 Mar	13 j 14:34	0°♈29'19	
evening set	-646 Mar	15 j 19:39	0°♈14'50	
	-646 Mar	16 j 18:44	30°℞♓	
inferior conj	-646 Mar	24 j 03:17	26°♓05'44	1°55'26
minimum elong	-646 Mar	24 j 07:24	25°♓58'52	1°54'11
min. Earth dist.	-646 Mar	27 j 00:18	24°♓11'27	0.56435 AU
desc. node	-646 Mar	31 j 06:32	21°♓48'34	
morning rise	-646 Apr	01 j 15:15	21°♓15'17	
direct	-646 Apr	06 j 10:59	20°♓21'50	
morning max el	-646 Apr	20 j 14:59	27°♓35'49	25°09'41
	-646 Apr	22 j 23:23	0°♈	
	-646 May	12 j 12:12	0°♉	
morning set	-646 May	17 j 02:14	9°♉19'32	
asc. node	-646 May	18 j 03:36	11°♉33'51	
superior conj	-646 May	24 j 03:08	24°♉31'56	0°59'23
minimum elong	-646 May	24 j 00:53	24°♉19'41	0°58'59
max. Earth dist.	-646 May	25 j 07:18	27°♉05'12	1.32842 AU
	-646 May	26 j 15:37	0°♊	
evening rise	-646 May	31 j 08:06	9°♊52'35	
	-646 Jun	10 j 23:25	0°♋	
desc. node	-646 Jun	27 j 05:50	23°♋45'25	
evening max el	-646 Jul	02 j 11:47	29°♋21'57	27°19'32
	-646 Jul	03 j 04:04	0°♌	
retrograde	-646 Jul	16 j 07:22	6°♌40'10	
evening set	-646 Jul	23 j 11:24	4°♌13'15	
min. Earth dist.	-646 Jul	27 j 01:25	1°♌20'33	0.62347 AU
	-646 Jul	28 j 12:07	30°℞♋	
inferior conj	-646 Jul	30 j 00:30	28°♋33'39	-4°-6'-36
minimum elong	-646 Jul	30 j 04:51	28°♋23'25	4°05'46
morning rise	-646 Aug	06 j 00:47	23°♋28'38	
direct	-646 Aug	08 j 11:55	23°♋01'32	
asc. node	-646 Aug	14 j 02:49	25°♋25'15	
morning max el	-646 Aug	15 j 06:11	26°♋27'27	17°54'27
	-646 Aug	18 j 07:42	0°♌	
morning set	-646 Aug	31 j 08:53	21°♌38'35	
	-646 Sep	05 j 01:03	0°♍	
superior conj	-646 Sep	11 j 11:29	11°♍12'11	1°12'34
minimum elong	-646 Sep	11 j 16:34	11°♍33'51	1°12'01
max. Earth dist.	-646 Sep	18 j 14:36	23°♍05'39	1.43027 AU
	-646 Sep	22 j 21:34	0°♎	
desc. node	-646 Sep	23 j 05:13	0°♎30'23	
evening rise	-646 Sep	26 j 06:27	5°♎18'34	
	-646 Oct	12 j 17:28	0°♏	
greatest brilliancy	-646 Oct	22 j 06:44	12°♏58'53	-0.4m
evening max el	-646 Oct	27 j 05:57	18°♏41'16	21°33'12
retrograde	-646 Nov	05 j 03:22	23°♏58'22	
evening set	-646 Nov	09 j 07:28	22°♏21'54	
asc. node	-646 Nov	10 j 02:02	21°♏42'27	
inferior conj	-646 Nov	14 j 17:07	16°♏04'40	1°32'40
minimum elong	-646 Nov	14 j 15:08	16°♏11'30	1°31'53
min. Earth dist.	-646 Nov	14 j 22:36	15°♏45'46	0.67488 AU
morning rise	-646 Nov	19 j 22:32	9°♏49'19	
direct	-646 Nov	24 j 22:05	7°♏42'53	
morning max el	-646 Dec	05 j 03:37	13°♏47'56	23°14'02
greatest brilliancy	-646 Dec	10 j 05:57	19°♏31'14	-0.3m
	-646 Dec	18 j 05:30	0°♐	
desc. node	-646 Dec	20 j 04:29	2°♐45'09	
	-645 Jan	06 j 22:59	0°♑	
morning set	-645 Jan	08 j 22:33	3°♑17'13	
max. Earth dist.	-645 Jan	13 j 07:40	10°♑45'01	1.39482 AU
superior conj	-645 Jan	20 j 22:59	24°♑27'03	-1°-56'-6
minimum elong	-645 Jan	21 j 01:30	24°♑38'46	1°56'00
	-645 Jan	23 j 22:09	0°♒	
evening rise	-645 Jan	30 j 10:15	12°♒27'37	
asc. node	-645 Feb	06 j 01:21	24°♒51'27	
	-645 Feb	09 j 02:25	0°♓	
evening max el	-645 Feb	15 j 16:05	8°♓34'43	18°34'40
retrograde	-645 Feb	23 j 09:28	12°♓21'10	
evening set	-645 Feb	25 j 18:51	12°♓00'41	
inferior conj	-645 Mar	05 j 08:19	7°♓32'11	3°06'35
minimum elong	-645 Mar	05 j 12:21	7°♓24'19	3°05'44
min. Earth dist.	-645 Mar	08 j 17:56	4°♓54'38	0.58216 AU
morning rise	-645 Mar	13 j 01:56	2°♓11'37	
desc. node	-645 Mar	18 j 03:36	0°♓45'13	
direct	-645 Mar	18 j 23:44	0°♓43'26	
morning max el	-645 Apr	02 j 07:54	8°♓18'29	26°33'19
	-645 Apr	18 j 15:52	0°♈	
morning set	-645 May	01 j 13:07	24°♈14'42	
	-645 May	04 j 06:02	0°♉	
asc. node	-645 May	05 j 00:40	1°♉40'45	
superior conj	-645 May	08 j 14:43	9°♉31'11	0°37'07
minimum elong	-645 May	08 j 13:09	9°♉22'36	0°36'48
max. Earth dist.	-645 May	08 j 19:27	9°♉57'14	1.32438 AU
evening rise	-645 May	15 j 14:48	24°♉38'01	
	-645 May	18 j 05:34	0°♊	
	-645 Jun	04 j 20:34	0°♋	
desc. node	-645 Jun	14 j 02:50	10°♋59'14	
evening max el	-645 Jun	14 j 14:55	11°♋28'23	26°43'08
retrograde	-645 Jun	28 j 14:28	18°♋44'18	
evening set	-645 Jul	05 j 08:45	16°♋46'09	
min. Earth dist.	-645 Jul	09 j 04:20	14°♋08'03	0.60346 AU
inferior conj	-645 Jul	12 j 11:53	11°♋24'46	-4°-34'-54
minimum elong	-645 Jul	12 j 14:20	11°♋19'41	4°34'42
morning rise	-645 Jul	19 j 23:08	6°♋42'11	
direct	-645 Jul	22 j 09:56	6°♋19'23	
morning max el	-645 Jul	29 j 18:07	9°♋54'09	18°10'08
asc. node	-645 Jul	31 j 23:54	12°♋20'36	
	-645 Aug	11 j 22:19	0°♌	
morning set	-645 Aug	14 j 15:26	5°♌04'08	
superior conj	-645 Aug	24 j 08:19	23°♌02'16	1°35'15

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-645 Aug 24 j 11:52	23°♌18'11	1°34'59
	-645 Aug 28 j 06:42	0°♍	
max. Earth dist.	-645 Aug 31 j 23:09	6°♍19'26	1.41270 AU
evening rise	-645 Sep 06 j 05:01	15°♍00'06	
desc. node	-645 Sep 10 j 02:14	21°♍12'17	
	-645 Sep 15 j 19:05	0°♎	
greatest brilliancy	-645 Oct 04 j 20:44	26°♎29'56	-0.3m
	-645 Oct 07 j 20:59	0°♏	
evening max el	-645 Oct 09 j 22:15	2°♏10'25	22°51'15
retrograde	-645 Oct 19 j 22:02	8°♏06'22	
evening set	-645 Oct 24 j 14:57	6°♏11'52	
asc. node	-645 Oct 27 j 23:06	2°♏35'11	
	-645 Oct 29 j 21:08	30°℞♎	
inferior conj	-645 Oct 30 j 00:11	29°♎49'28	0°42'04
minimum elong	-645 Oct 29 j 23:13	29°♎52'49	0°41'39
min. Earth dist.	-645 Oct 29 j 19:05	0°♏07'02	0.67629 AU
morning rise	-645 Nov 04 j 07:27	23°♎36'26	
direct	-645 Nov 08 j 16:07	21°♎52'39	
morning max el	-645 Nov 17 j 17:01	27°♎12'07	21°48'36
	-645 Nov 20 j 07:01	0°♏	
greatest brilliancy	-645 Nov 22 j 13:34	2°♏42'46	-0.4m
desc. node	-645 Dec 07 j 01:32	22°♏48'15	
	-645 Dec 11 j 20:26	0°♐	
morning set	-645 Dec 19 j 20:48	12°♐29'40	
max. Earth dist.	-645 Dec 26 j 07:07	22°♐57'44	1.41544 AU
	-645 Dec 30 j 11:15	0°♑	
superior conj	-644 Jan 02 j 22:24	6°♑00'14	-2°00'-45
minimum elong	-644 Jan 02 j 21:48	5°♑57'37	2°00'48
evening rise	-644 Jan 13 j 15:49	25°♑24'40	
	-644 Jan 16 j 03:40	0°♒	
asc. node	-644 Jan 23 j 22:24	13°♒30'16	
evening max el	-644 Jan 30 j 00:28	21°♒26'10	18°11'52
retrograde	-644 Feb 05 j 22:21	24°♒55'16	
evening set	-644 Feb 08 j 11:57	24°♒27'08	
inferior conj	-644 Feb 15 j 09:52	19°♒37'13	3°43'09
minimum elong	-644 Feb 15 j 11:48	19°♒32'50	3°42'58
min. Earth dist.	-644 Feb 18 j 17:13	16°♒38'58	0.60288 AU
morning rise	-644 Feb 22 j 08:31	13°♒54'56	
direct	-644 Feb 29 j 00:43	11°♒49'06	
desc. node	-644 Mar 04 j 00:40	12°♒31'23	
morning max el	-644 Mar 14 j 06:47	19°♒35'49	27°27'59
	-644 Mar 23 j 03:48	0°♓	
	-644 Apr 10 j 09:30	0°♈	
morning set	-644 Apr 14 j 21:05	8°♈59'21	
asc. node	-644 Apr 20 j 21:43	21°♈51'38	
max. Earth dist.	-644 Apr 21 j 08:09	22°♈48'35	1.32393 AU
superior conj	-644 Apr 22 j 02:15	24°♈27'42	0°12'34
minimum elong	-644 Apr 22 j 01:41	24°♈24'36	0°12'26
behind sun begin	-644 Apr 21 j 22:33	24°♈07'27	
behind sun end	-644 Apr 22 j 04:49	24°♈41'44	
	-644 Apr 24 j 14:55	0°♉	
evening rise	-644 Apr 29 j 00:59	9°♉31'27	
	-644 May 09 j 15:31	0°♊	
evening max el	-644 May 26 j 11:09	22°♊49'21	25°36'16
desc. node	-644 May 30 j 23:52	26°♊34'31	
	-644 Jun 08 j 19:45	0°♋	
retrograde	-644 Jun 09 j 12:30	0°♋01'10	
	-644 Jun 10 j 05:14	30°℞♊	
evening set	-644 Jun 15 j 07:51	28°♊41'16	
min. Earth dist.	-644 Jun 19 j 23:18	25°♊59'22	0.58293 AU
inferior conj	-644 Jun 23 j 05:20	23°♊40'28	-4°-39'-8
minimum elong	-644 Jun 23 j 03:57	23°♊42'58	4°39'05
morning rise	-644 Jul 01 j 03:53	19°♊20'38	
direct	-644 Jul 03 j 15:57	19°♊00'53	
morning max el	-644 Jul 11 j 23:48	22°♊56'26	18°46'04
asc. node	-644 Jul 17 j 20:58	0°♋12'52	
	-644 Jul 17 j 17:32	0°♋	
morning set	-644 Jul 28 j 09:19	19°♋03'23	
	-644 Aug 02 j 23:54	0°♌	
superior conj	-644 Aug 06 j 02:02	5°♌54'56	1°45'56
minimum elong	-644 Aug 06 j 03:19	6°♌01'02	1°45'54
max. Earth dist.	-644 Aug 13 j 02:36	18°♌47'49	1.39280 AU
evening rise	-644 Aug 17 j 03:53	25°♌50'23	
	-644 Aug 19 j 15:15	0°♍	
desc. node	-644 Aug 26 j 23:14	11°♍46'08	
	-644 Sep 08 j 11:08	0°♎	
evening max el	-644 Sep 21 j 10:51	15°♎42'09	24°11'28
retrograde	-644 Oct 02 j 13:14	22°♎13'15	
evening set	-644 Oct 07 j 20:23	20°♎00'34	
min. Earth dist.	-644 Oct 12 j 15:13	14°♎29'00	0.67458 AU
inferior conj	-644 Oct 13 j 06:37	13°♎37'00	0°-11'-42
minimum elong	-644 Oct 13 j 06:54	13°♎36'03	0°11'35
transit middle	-644 Oct 13 j 06:54	13°♎36'03	0°11'35
transit begin	-644 Oct 13 j 04:59	13°♎42'32	
transit end	-644 Oct 13 j 08:49	13°♎29'34	
asc. node	-644 Oct 13 j 20:11	12°♎51'21	
morning rise	-644 Oct 18 j 17:41	7°♎28'56	
direct	-644 Oct 22 j 12:59	6°♎06'21	
morning max el	-644 Oct 30 j 13:09	10°♎45'07	20°31'50
greatest brilliancy	-644 Nov 05 j 19:39	18°♎13'00	-0.5m
	-644 Nov 14 j 04:22	0°♏	
desc. node	-644 Nov 22 j 22:33	13°♏08'26	
morning set	-644 Nov 27 j 20:43	20°♏43'03	
	-644 Dec 03 j 18:47	0°♐	
max. Earth dist.	-644 Dec 07 j 13:30	6°♐02'34	1.43288 AU
superior conj	-644 Dec 13 j 20:44	16°♐21'35	-1°-50'-46
minimum elong	-644 Dec 13 j 15:28	15°♐59'43	1°50'28
	-644 Dec 21 j 21:20	0°♑	
evening rise	-644 Dec 26 j 05:31	7°♑35'01	
	-643 Jan 08 j 17:05	0°♒	
asc. node	-643 Jan 09 j 19:27	1°♒28'25	
evening max el	-643 Jan 12 j 12:18	4°♒35'26	18°08'48
retrograde	-643 Jan 19 j 01:13	8°♒01'16	
evening set	-643 Jan 21 j 18:54	7°♒24'21	
inferior conj	-643 Jan 28 j 04:37	2°♒13'21	3°52'23
minimum elong	-643 Jan 28 j 04:17	2°♒14'11	3°52'23
	-643 Jan 30 j 08:15	30°℞♑	
min. Earth dist.	-643 Jan 31 j 00:39	29°♑18'51	0.62326 AU
morning rise	-643 Feb 03 j 11:29	26°♑17'28	
direct	-643 Feb 10 j 11:25	23°♑42'22	
desc. node	-643 Feb 18 j 21:44	26°♑50'16	
	-643 Feb 22 j 20:03	0°♒	
morning max el	-643 Feb 24 j 11:25	1°♒33'39	27°46'40
	-643 Mar 17 j 08:29	0°♓	
morning set	-643 Mar 30 j 00:03	23°♓26'24	
	-643 Apr 02 j 04:12	0°♈	
max. Earth dist.	-643 Apr 04 j 17:30	5°♈26'02	1.32723 AU
superior conj	-643 Apr 06 j 12:05	9°♈15'56	0°-13'-29
minimum elong	-643 Apr 06 j 12:43	9°♈19'22	0°13'22
behind sun begin	-643 Apr 06 j 09:55	9°♈04'11	
behind sun end	-643 Apr 06 j 15:31	9°♈34'33	
asc. node	-643 Apr 07 j 18:46	12°♈02'37	
evening rise	-643 Apr 13 j 12:42	24°♈26'22	
	-643 Apr 16 j 04:58	0°♉	
	-643 May 04 j 16:58	0°♊	
evening max el	-643 May 08 j 02:33	3°♊36'05	24°08'16
desc. node	-643 May 17 j 20:54	9°♊55'58	
retrograde	-643 May 21 j 23:00	10°♊34'06	
evening set	-643 May 26 j 09:08	9°♊50'37	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

min. Earth dist.	-643 Jun 01 j 13:54	6°♊49'02	0.56507 AU
inferior conj	-643 Jun 04 j 02:45	5°♊14'13	-4°-6'-54
minimum elong	-643 Jun 03 j 21:00	5°♊23'14	4°05'54
morning rise	-643 Jun 12 j 12:39	1°♊12'41	
direct	-643 Jun 15 j 03:07	0°♊54'47	
morning max el	-643 Jun 24 j 20:25	5°♊25'11	19°42'50
asc. node	-643 Jul 04 j 18:01	18°♊49'13	
	-643 Jul 10 j 17:29	0°♋	
morning set	-643 Jul 12 j 11:11	3°♋28'03	
superior conj	-643 Jul 20 j 11:05	19°♋34'47	1°46'55
minimum elong	-643 Jul 20 j 10:28	19°♋31'43	1°46'55
	-643 Jul 25 j 20:26	0°♌	
max. Earth dist.	-643 Jul 26 j 05:54	0°♌44'26	1.37320 AU
evening rise	-643 Jul 30 j 03:02	7°♌51'17	
	-643 Aug 12 j 10:49	0°♍	
desc. node	-643 Aug 13 j 20:15	2°♍07'25	
evening max el	-643 Sep 03 j 22:21	29°♍18'08	25°26'38
	-643 Sep 04 j 15:44	0°♎	
retrograde	-643 Sep 16 j 00:03	6°♎15'14	
evening set	-643 Sep 21 j 22:01	3°♎46'09	
	-643 Sep 25 j 10:29	30°℞♍	
min. Earth dist.	-643 Sep 26 j 08:31	28°♍50'15	0.66971 AU
inferior conj	-643 Sep 27 j 10:42	27°♍25'36	-1°-7'-6
minimum elong	-643 Sep 27 j 12:22	27°♍20'11	1°06'24
asc. node	-643 Sep 30 j 17:13	23°♍29'26	
morning rise	-643 Oct 03 j 03:20	21°♍25'29	
direct	-643 Oct 06 j 11:21	20°♍21'09	
morning max el	-643 Oct 13 j 16:50	24°♍27'45	19°28'08
	-643 Oct 18 j 09:13	0°♎	
greatest brilliancy	-643 Oct 22 j 18:44	6°♎07'08	-0.7m
morning set	-643 Nov 06 j 20:29	29°♎04'38	
	-643 Nov 07 j 10:45	0°♏	
desc. node	-643 Nov 09 j 19:34	3°♏40'59	
max. Earth dist.	-643 Nov 20 j 02:59	19°♏51'13	1.44489 AU
superior conj	-643 Nov 23 j 16:23	25°♏30'41	-1°-22'-45
minimum elong	-643 Nov 23 j 08:15	24°♏58'16	1°21'56
	-643 Nov 26 j 11:31	0°♐	
evening rise	-643 Dec 07 j 23:02	18°♐51'12	
	-643 Dec 14 j 15:15	0°♑	
evening max el	-643 Dec 27 j 00:47	17°♑55'33	18°24'33
asc. node	-643 Dec 27 j 16:29	18°♑33'59	
retrograde	-642 Jan 02 j 13:40	21°♑30'06	
evening set	-642 Jan 05 j 12:01	20°♑43'13	
inferior conj	-642 Jan 11 j 12:32	15°♑12'37	3°41'50
minimum elong	-642 Jan 11 j 10:38	15°♑18'07	3°41'35
min. Earth dist.	-642 Jan 13 j 17:34	12°♑40'57	0.64114 AU
morning rise	-642 Jan 17 j 07:48	9°♑07'58	
direct	-642 Jan 24 j 05:40	6°♑18'22	
desc. node	-642 Feb 05 j 18:46	13°♑05'43	
morning max el	-642 Feb 06 j 19:47	14°♑06'37	27°29'09
	-642 Feb 19 j 17:49	0°♒	
	-642 Mar 09 j 22:29	0°♓	
morning set	-642 Mar 13 j 19:21	7°♓26'25	
max. Earth dist.	-642 Mar 18 j 19:39	17°♓36'45	1.33465 AU
superior conj	-642 Mar 21 j 18:18	23°♓48'51	0°-40'-4
minimum elong	-642 Mar 21 j 20:12	23°♓58'58	0°39'42
	-642 Mar 24 j 15:43	0°♈	
asc. node	-642 Mar 25 j 15:47	2°♈08'58	
evening rise	-642 Mar 29 j 00:05	9°♈15'35	
	-642 Apr 08 j 22:08	0°♉	
evening max el	-642 Apr 19 j 18:37	14°♉12'14	22°33'03
retrograde	-642 May 02 j 20:23	20°♉38'41	
desc. node	-642 May 04 j 17:56	20°♉30'41	
evening set	-642 May 05 j 22:30	20°♉17'47	
min. Earth dist.	-642 May 14 j 02:45	16°♉44'47	0.55335 AU
inferior conj	-642 May 15 j 05:59	16°♉06'04	-2°-49'-59
minimum elong	-642 May 14 j 23:10	16°♉15'47	2°48'00
morning rise	-642 May 24 j 02:08	12°♉12'02	
direct	-642 May 26 j 21:21	11°♉53'58	
morning max el	-642 Jun 07 j 06:00	17°♉11'37	20°59'50
	-642 Jun 17 j 03:03	0°♊	
asc. node	-642 Jun 21 j 15:02	7°♊58'15	
morning set	-642 Jun 26 j 18:20	18°♊10'00	
	-642 Jul 02 j 10:53	0°♋	
superior conj	-642 Jul 04 j 06:57	3°♋47'51	1°40'20
minimum elong	-642 Jul 04 j 05:04	3°♋38'13	1°40'13
max. Earth dist.	-642 Jul 08 j 15:11	12°♋34'24	1.35595 AU
evening rise	-642 Jul 12 j 21:54	20°♋50'05	
	-642 Jul 17 j 22:40	0°♌	
desc. node	-642 Jul 31 j 17:16	22°♌09'14	
	-642 Aug 06 j 08:25	0°♍	
evening max el	-642 Aug 17 j 10:06	12°♍53'41	26°29'00
retrograde	-642 Aug 30 j 05:47	20°♍06'13	
evening set	-642 Sep 05 j 17:49	17°♍25'05	
min. Earth dist.	-642 Sep 09 j 20:31	13°♍06'52	0.66139 AU
inferior conj	-642 Sep 11 j 10:30	11°♍11'36	-2°-2'-27
minimum elong	-642 Sep 11 j 13:33	11°♍02'19	2°01'18
morning rise	-642 Sep 17 j 10:20	5°♍22'47	
asc. node	-642 Sep 17 j 14:15	5°♍17'30	
direct	-642 Sep 20 j 09:21	4°♍33'11	
morning max el	-642 Sep 27 j 02:56	8°♍17'11	18°39'57
	-642 Oct 12 j 08:50	0°♎	
morning set	-642 Oct 17 j 18:02	8°♎35'22	
desc. node	-642 Oct 27 j 16:36	24°♎21'52	
	-642 Oct 31 j 06:27	0°♏	
superior conj	-642 Nov 02 j 18:15	3°♏55'11	0°-38'-54
minimum elong	-642 Nov 02 j 13:11	3°♏35'17	0°38'16
max. Earth dist.	-642 Nov 02 j 21:09	4°♏06'35	1.44995 AU
evening rise	-642 Nov 18 j 17:07	29°♏08'59	
	-642 Nov 19 j 05:55	0°♐	
	-642 Dec 09 j 05:30	0°♑	
evening max el	-642 Dec 10 j 11:23	1°♑21'23	18°58'01
asc. node	-642 Dec 14 j 13:31	4°♑33'00	
retrograde	-642 Dec 17 j 08:01	5°♑15'01	
evening set	-642 Dec 20 j 12:15	4°♑16'47	
	-642 Dec 25 j 00:27	30°℞♐	
inferior conj	-642 Dec 26 j 06:07	28°♐28'54	3°17'10
minimum elong	-642 Dec 26 j 03:24	28°♐37'22	3°16'34
min. Earth dist.	-642 Dec 27 j 19:56	26°♐31'10	0.65541 AU
morning rise	-642 Dec 31 j 17:36	22°♐18'18	
direct	-641 Jan 07 j 06:20	19°♐28'56	
morning max el	-641 Jan 20 j 05:30	27°♐04'27	26°40'33
	-641 Jan 22 j 23:46	0°♑	
desc. node	-641 Jan 23 j 15:48	0°♑45'09	
	-641 Feb 13 j 09:03	0°♒	
morning set	-641 Feb 25 j 03:34	20°♒48'53	
max. Earth dist.	-641 Mar 01 j 11:20	29°♒13'51	1.34652 AU
	-641 Mar 01 j 20:35	0°♓	
superior conj	-641 Mar 05 j 18:49	7°♓59'46	-1°-6'00
minimum elong	-641 Mar 05 j 21:51	8°♓15'29	1°05'29
asc. node	-641 Mar 12 j 12:50	22°♓06'32	
evening rise	-641 Mar 13 j 09:19	23°♓52'56	
	-641 Mar 16 j 09:28	0°♈	
evening max el	-641 Apr 01 j 17:54	25°♈06'16	21°04'22
	-641 Apr 09 j 03:35	0°♉	
retrograde	-641 Apr 13 j 09:51	0°♉44'48	
evening set	-641 Apr 15 j 17:18	0°♉32'19	
	-641 Apr 17 j 20:42	30°℞♈	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-641 Apr 21 j 14:57	28°♈24'42	
inferior conj	-641 Apr 25 j 00:23	26°♈33'51	0°-58'-1
minimum elong	-641 Apr 24 j 21:38	26°♈37'44	0°57'02
min. Earth dist.	-641 Apr 25 j 15:45	26°♈12'08	0.55035 AU
morning rise	-641 May 04 j 01:31	22°♈29'40	
direct	-641 May 07 j 07:52	22°♈06'37	
morning max el	-641 May 20 j 05:05	28°♈16'35	22°33'09
	-641 May 21 j 22:43	0°♉	
asc. node	-641 Jun 08 j 12:05	27°♉31'49	
	-641 Jun 09 j 17:17	0°♊	
morning set	-641 Jun 11 j 04:45	3°♊03'22	
superior conj	-641 Jun 18 j 10:15	18°♊24'11	1°27'52
minimum elong	-641 Jun 18 j 07:47	18°♊11'10	1°27'36
max. Earth dist.	-641 Jun 21 j 09:43	24°♊38'53	1.34221 AU
	-641 Jun 24 j 00:33	0°♋	
evening rise	-641 Jun 26 j 07:35	4°♋33'28	
	-641 Jul 10 j 16:32	0°♌	
desc. node	-641 Jul 18 j 14:17	11°♌43'02	
evening max el	-641 Jul 30 j 21:49	26°♌19'32	27°10'49
	-641 Aug 04 j 05:15	0°♍	
retrograde	-641 Aug 13 j 06:04	3°♍38'53	
evening set	-641 Aug 20 j 05:17	0°♍53'34	
	-641 Aug 21 j 06:34	30°℞♌	
min. Earth dist.	-641 Aug 24 j 00:51	27°♌12'59	0.64943 AU
inferior conj	-641 Aug 26 j 03:50	24°♌50'44	-2°-55'-36
minimum elong	-641 Aug 26 j 08:00	24°♌39'05	2°54'16
morning rise	-641 Sep 01 j 12:18	19°♌16'35	
direct	-641 Sep 04 j 04:43	18°♌38'13	
asc. node	-641 Sep 04 j 11:17	18°♌38'37	
morning max el	-641 Sep 10 j 17:10	22°♌08'37	18°08'22
	-641 Sep 16 j 20:06	0°♍	
morning set	-641 Sep 28 j 20:01	19°♍29'28	
	-641 Oct 05 j 04:32	0°♎	
superior conj	-641 Oct 12 j 23:07	12°♎33'50	0°10'32
minimum elong	-641 Oct 13 j 00:25	12°♎39'01	0°10'21
behind sun begin	-641 Oct 12 j 16:00	12°♎05'28	
behind sun end	-641 Oct 13 j 08:49	13°♎12'32	
desc. node	-641 Oct 14 j 13:38	15°♎07'10	
max. Earth dist.	-641 Oct 16 j 16:00	18°♎26'39	1.44758 AU
	-641 Oct 24 j 00:51	0°♏	
evening rise	-641 Oct 29 j 12:40	8°♏32'07	
	-641 Nov 12 j 13:26	0°♐	
greatest brilliancy	-641 Nov 16 j 02:31	5°♐09'27	-0.6m
evening max el	-641 Nov 23 j 17:54	14°♐48'46	19°47'47
retrograde	-641 Dec 01 j 05:12	19°♐10'18	
asc. node	-641 Dec 01 j 10:33	19°♐10'01	
evening set	-641 Dec 04 j 17:01	17°♐58'54	
inferior conj	-641 Dec 10 j 06:20	11°♐56'51	2°42'16
minimum elong	-641 Dec 10 j 03:30	12°♐06'11	2°41'25
min. Earth dist.	-641 Dec 11 j 06:23	10°♐37'21	0.66580 AU
morning rise	-641 Dec 15 j 13:20	5°♐42'28	
direct	-641 Dec 21 j 12:45	3°♐04'38	
morning max el	-640 Jan 02 j 14:36	10°♐14'50	25°29'02
desc. node	-640 Jan 10 j 12:51	19°♐23'31	
	-640 Jan 18 j 07:43	0°♑	
	-640 Feb 05 j 23:35	0°♒	
morning set	-640 Feb 07 j 20:03	3°♒19'37	
max. Earth dist.	-640 Feb 11 j 15:22	10°♒22'22	1.36279 AU
superior conj	-640 Feb 17 j 10:51	21°♒40'08	-1°-29'-36
minimum elong	-640 Feb 17 j 14:33	21°♒58'39	1°29'08
	-640 Feb 21 j 13:53	0°♓	
evening rise	-640 Feb 25 j 14:20	8°♓11'12	
asc. node	-640 Feb 27 j 09:52	11°♓49'59	
	-640 Mar 08 j 16:53	0°♈	
evening max el	-640 Mar 14 j 04:05	6°♈35'19	19°51'02
retrograde	-640 Mar 24 j 03:09	11°♈21'38	
evening set	-640 Mar 26 j 06:26	11°♈09'25	
inferior conj	-640 Apr 04 j 00:23	7°♈07'56	0°58'34
minimum elong	-640 Apr 04 j 02:52	7°♈04'06	0°57'43
min. Earth dist.	-640 Apr 06 j 05:58	5°♈45'30	0.55680 AU
desc. node	-640 Apr 07 j 11:59	5°♈01'12	
morning rise	-640 Apr 12 j 20:07	2°♈36'00	
direct	-640 Apr 16 j 23:53	1°♈57'46	
morning max el	-640 Apr 30 j 21:21	8°♈53'23	24°13'51
	-640 May 16 j 09:33	0°♉	
asc. node	-640 May 25 j 09:09	17°♉23'06	
morning set	-640 May 25 j 16:40	18°♉02'28	
	-640 May 31 j 06:17	0°♊	
superior conj	-640 Jun 01 j 18:23	3°♊15'33	1°10'51
minimum elong	-640 Jun 01 j 15:56	3°♊02'14	1°10'28
max. Earth dist.	-640 Jun 03 j 13:13	7°♊06'06	1.33229 AU
evening rise	-640 Jun 09 j 03:57	18°♊49'29	
	-640 Jun 14 j 22:07	0°♋	
	-640 Jul 03 j 23:35	0°♌	
desc. node	-640 Jul 04 j 11:17	0°♌37'13	
evening max el	-640 Jul 12 j 08:06	9°♌24'28	27°25'26
retrograde	-640 Jul 26 j 00:41	16°♌44'51	
evening set	-640 Aug 02 j 05:18	14°♌07'00	
min. Earth dist.	-640 Aug 05 j 19:50	10°♌59'40	0.63381 AU
inferior conj	-640 Aug 08 j 12:08	8°♌17'58	-3°-43'-24
minimum elong	-640 Aug 08 j 16:45	8°♌06'18	3°42'16
morning rise	-640 Aug 15 j 06:25	3°♌01'39	
direct	-640 Aug 17 j 18:40	2°♌31'21	
asc. node	-640 Aug 21 j 08:21	3°♌33'29	
morning max el	-640 Aug 24 j 08:52	5°♌56'39	17°54'18
	-640 Sep 09 j 01:11	0°♍	
morning set	-640 Sep 09 j 23:03	1°♍35'37	
superior conj	-640 Sep 22 j 01:54	22°♍19'25	0°53'26
minimum elong	-640 Sep 22 j 06:46	22°♍39'37	0°52'49
	-640 Sep 26 j 18:22	0°♎	
max. Earth dist.	-640 Sep 28 j 08:12	2°♎32'26	1.43824 AU
desc. node	-640 Sep 30 j 10:40	5°♎54'02	
evening rise	-640 Oct 07 j 19:33	17°♎26'40	
	-640 Oct 16 j 01:19	0°♏	
greatest brilliancy	-640 Oct 31 j 03:37	21°♏36'41	-0.5m
evening max el	-640 Nov 05 j 19:00	28°♏16'48	20°51'32
	-640 Nov 07 j 14:05	0°♐	
retrograde	-640 Nov 14 j 02:49	3°♐12'47	
asc. node	-640 Nov 17 j 07:36	2°♐14'35	
evening set	-640 Nov 18 j 00:16	1°♐46'13	
	-640 Nov 19 j 22:32	30°℞♏	
inferior conj	-640 Nov 23 j 10:48	25°♏33'26	1°59'48
minimum elong	-640 Nov 23 j 08:24	25°♏41'41	1°58'56
min. Earth dist.	-640 Nov 23 j 22:44	24°♏52'37	0.67253 AU
morning rise	-640 Nov 28 j 16:05	19°♏17'33	
direct	-640 Dec 04 j 00:27	16°♏58'26	
morning max el	-640 Dec 14 j 23:08	23°♏30'18	24°04'30
	-640 Dec 20 j 17:26	0°♐	
desc. node	-640 Dec 27 j 09:56	8°♐43'55	
	-639 Jan 10 j 17:28	0°♑	
morning set	-639 Jan 19 j 14:48	14°♑42'30	
max. Earth dist.	-639 Jan 23 j 11:14	21°♑28'08	1.38260 AU
	-639 Jan 28 j 03:20	0°♒	
superior conj	-639 Jan 30 j 14:54	4°♒40'55	-1°-48'-32
minimum elong	-639 Jan 30 j 18:19	4°♒57'10	1°48'17
evening rise	-639 Feb 08 j 12:42	22°♒03'53	
	-639 Feb 12 j 15:09	0°♓	
asc. node	-639 Feb 13 j 06:55	1°♓14'01	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening max el	-639 Feb 25 j 01:01	18°♓42'23	18°56'48
retrograde	-639 Mar 05 j 11:00	22°♓45'50	
evening set	-639 Mar 07 j 17:40	22°♓29'13	
inferior conj	-639 Mar 15 j 17:28	18°♓12'45	2°30'05
minimum elong	-639 Mar 15 j 21:56	18°♓04'47	2°28'53
min. Earth dist.	-639 Mar 18 j 22:07	15°♓57'21	0.57135 AU
morning rise	-639 Mar 23 j 22:01	13°♓08'15	
desc. node	-639 Mar 25 j 09:03	12°♓36'35	
direct	-639 Mar 29 j 05:23	12°♓00'53	
morning max el	-639 Apr 12 j 12:25	19°♓26'19	25°48'00
	-639 Apr 21 j 10:53	0°♈	
	-639 May 08 j 17:38	0°♉	
morning set	-639 May 10 j 04:23	3°♉00'59	
asc. node	-639 May 12 j 06:13	7°♉25'59	
superior conj	-639 May 17 j 05:15	18°♉14'15	0°50'16
minimum elong	-639 May 17 j 03:15	18°♉03'17	0°49'53
max. Earth dist.	-639 May 17 j 23:06	19°♉51'49	1.32620 AU
	-639 May 22 j 16:01	0°♊	
evening rise	-639 May 24 j 07:39	3°♊27'14	
	-639 Jun 07 j 17:18	0°♋	
desc. node	-639 Jun 21 j 08:19	18°♋34'35	
evening max el	-639 Jun 24 j 14:36	21°♋55'43	27°08'10
retrograde	-639 Jul 08 j 12:31	29°♋13'46	
evening set	-639 Jul 15 j 13:42	26°♋57'33	
min. Earth dist.	-639 Jul 19 j 04:43	24°♋12'58	0.61508 AU
inferior conj	-639 Jul 22 j 08:11	21°♋25'07	-4°-20'-56
minimum elong	-639 Jul 22 j 11:58	21°♋16'40	4°20'21
morning rise	-639 Jul 29 j 13:05	16°♋29'26	
direct	-639 Jul 31 j 23:39	16°♋04'32	
morning max el	-639 Aug 07 j 23:00	19°♋33'20	17°58'42
asc. node	-639 Aug 08 j 05:26	19°♋49'15	
	-639 Aug 15 j 15:36	0°♌	
morning set	-639 Aug 23 j 21:07	14°♌36'16	
	-639 Sep 01 j 09:17	0°♍	
superior conj	-639 Sep 03 j 08:06	3°♍25'42	1°23'47
minimum elong	-639 Sep 03 j 12:44	3°♍45'53	1°23'20
max. Earth dist.	-639 Sep 10 j 19:28	16°♍07'20	1.42320 AU
evening rise	-639 Sep 17 j 07:38	26°♍38'31	
desc. node	-639 Sep 17 j 07:41	26°♍38'42	
	-639 Sep 19 j 10:54	0°♎	
	-639 Oct 09 j 21:42	0°♏	
greatest brilliancy	-639 Oct 14 j 20:47	6°♏24'26	-0.3m
evening max el	-639 Oct 19 j 14:19	11°♏45'16	22°05'50
retrograde	-639 Oct 28 j 22:54	17°♏19'10	
evening set	-639 Nov 02 j 08:08	15°♏35'24	
asc. node	-639 Nov 04 j 04:40	13°♏48'39	
inferior conj	-639 Nov 07 j 17:26	9°♏15'37	1°11'42
minimum elong	-639 Nov 07 j 15:51	9°♏21'07	1°11'03
min. Earth dist.	-639 Nov 07 j 18:26	9°♏12'10	0.67585 AU
morning rise	-639 Nov 12 j 23:22	3°♏00'45	
direct	-639 Nov 17 j 16:30	1°♏03'43	
morning max el	-639 Nov 27 j 09:32	6°♏49'26	22°36'57
greatest brilliancy	-639 Dec 02 j 00:49	12°♏01'10	-0.3m
desc. node	-639 Dec 14 j 06:59	28°♏34'01	
	-639 Dec 15 j 06:38	0°♐	
morning set	-639 Dec 31 j 05:51	24°♐42'45	
	-638 Jan 03 j 10:26	0°♑	
max. Earth dist.	-638 Jan 05 j 07:06	3°♑08'41	1.40377 AU
superior conj	-638 Jan 13 j 02:24	16°♑50'32	-1°-59'-35
minimum elong	-638 Jan 13 j 03:52	16°♑57'08	1°59'35
	-638 Jan 20 j 04:55	0°♒	
evening rise	-638 Jan 23 j 01:24	5°♒23'41	
asc. node	-638 Jan 31 j 03:59	20°♒12'02	
	-638 Feb 06 j 23:16	0°♓	

evening max el	-638 Feb 08 j 06:12	1°♓21'03	18°22'36
retrograde	-638 Feb 15 j 13:43	4°♓57'48	
evening set	-638 Feb 18 j 01:04	4°♓34'09	
inferior conj	-638 Feb 25 j 07:33	29°♒56'52	3°25'54
minimum elong	-638 Feb 25 j 10:48	29°♒50'05	3°25'23
	-638 Feb 25 j 06:02	30°℞♒	
min. Earth dist.	-638 Feb 28 j 17:52	27°♒07'23	0.59086 AU
morning rise	-638 Mar 04 j 16:55	24°♒26'14	
direct	-638 Mar 11 j 00:03	22°♒41'23	
desc. node	-638 Mar 12 j 06:07	22°♒45'28	
	-638 Mar 24 j 22:19	0°♓	
morning max el	-638 Mar 25 j 07:28	0°♓22'08	27°00'35
	-638 Apr 15 j 09:21	0°♈	
morning set	-638 Apr 24 j 14:17	17°♈53'09	
asc. node	-638 Apr 29 j 03:17	27°♈35'46	
	-638 Apr 30 j 05:41	0°♉	
superior conj	-638 May 01 j 17:04	3°♉14'00	0°26'57
minimum elong	-638 May 01 j 15:53	3°♉07'33	0°26'42
max. Earth dist.	-638 May 01 j 11:57	2°♉45'56	1.32378 AU
evening rise	-638 May 08 j 16:09	18°♉18'04	
	-638 May 14 j 11:48	0°♊	
	-638 Jun 03 j 01:10	0°♋	
evening max el	-638 Jun 06 j 15:06	3°♋44'05	26°18'05
desc. node	-638 Jun 08 j 05:20	5°♋11'11	
retrograde	-638 Jun 20 j 15:55	10°♋58'09	
evening set	-638 Jun 27 j 01:55	9°♋16'02	
min. Earth dist.	-638 Jul 01 j 04:07	6°♋38'17	0.59467 AU
inferior conj	-638 Jul 04 j 12:23	4°♋03'02	-4°-40'-23
minimum elong	-638 Jul 04 j 13:25	4°♋01'01	4°40'20
	-638 Jul 10 j 18:36	30°℞♊	
morning rise	-638 Jul 12 j 04:22	29°♊29'53	
direct	-638 Jul 14 j 15:33	29°♊08'28	
	-638 Jul 18 j 08:44	0°♋	
morning max el	-638 Jul 22 j 08:34	2°♋50'44	18°22'47
asc. node	-638 Jul 26 j 02:31	7°♋10'42	
morning set	-638 Aug 07 j 08:59	28°♋17'41	
	-638 Aug 08 j 06:23	0°♌	
superior conj	-638 Aug 16 j 14:29	15°♌44'04	1°41'07
minimum elong	-638 Aug 16 j 17:05	15°♌55'59	1°40'58
max. Earth dist.	-638 Aug 24 j 01:39	29°♌02'06	1.40444 AU
	-638 Aug 24 j 15:08	0°♍	
evening rise	-638 Aug 28 j 16:05	6°♍48'01	
desc. node	-638 Sep 04 j 04:41	17°♍17'45	
	-638 Sep 12 j 14:12	0°♎	
evening max el	-638 Oct 02 j 04:55	25°♎15'45	23°25'37
	-638 Oct 08 j 00:38	0°♏	
retrograde	-638 Oct 12 j 16:03	1°♏26'46	
	-638 Oct 16 j 20:34	30°℞♎	
evening set	-638 Oct 17 j 14:54	29°♎24'35	
asc. node	-638 Oct 22 j 01:43	24°♎18'57	
min. Earth dist.	-638 Oct 22 j 15:00	23°♎33'43	0.67598 AU
inferior conj	-638 Oct 23 j 00:25	23°♎01'28	0°19'33
minimum elong	-638 Oct 22 j 23:57	23°♎03'03	0°19'21
morning rise	-638 Oct 28 j 09:04	16°♎50'17	
direct	-638 Nov 01 j 11:56	15°♎15'37	
morning max el	-638 Nov 10 j 01:24	20°♎16'20	21°14'33
greatest brilliancy	-638 Nov 15 j 09:08	26°♎24'59	-0.4m
	-638 Nov 18 j 02:58	0°♏	
desc. node	-638 Dec 01 j 04:00	18°♏45'03	
	-638 Dec 08 j 12:37	0°♐	
morning set	-638 Dec 10 j 16:42	3°♐23'34	
max. Earth dist.	-638 Dec 18 j 09:39	15°♐45'17	1.42340 AU
superior conj	-638 Dec 25 j 15:43	27°♐54'32	-1°-58'-35
minimum elong	-638 Dec 25 j 13:13	27°♐43'49	1°58'32

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-638 Dec 26 j 20:53	0°♉		
evening rise	-637 Jan 06 j 00:41	18°♉01'49		
	-637 Jan 12 j 17:35	0°♒		
asc. node	-637 Jan 18 j 01:01	8°♒34'55		
evening max el	-637 Jan 22 j 16:26	14°♒21'16	18°08'14	
retrograde	-637 Jan 29 j 09:08	17°♒47'14		
evening set	-637 Feb 01 j 00:35	17°♒15'20		
inferior conj	-637 Feb 07 j 16:52	12°♒16'05	3°49'56	
minimum elong	-637 Feb 07 j 17:47	12°♒13'51	3°49'53	
min. Earth dist.	-637 Feb 10 j 20:03	9°♒17'01	0.61174 AU	
morning rise	-637 Feb 14 j 08:21	6°♒27'31		
direct	-637 Feb 21 j 05:10	4°♒07'59		
desc. node	-637 Feb 27 j 03:11	5°♒40'45		
morning max el	-637 Mar 07 j 08:50	11°♒56'28	27°40'32	
	-637 Mar 21 j 15:03	0°♓		
	-637 Apr 07 j 14:40	0°♈		
morning set	-637 Apr 08 j 20:23	2°♈31'24		
max. Earth dist.	-637 Apr 14 j 23:53	15°♈34'13	1.32495 AU	
superior conj	-637 Apr 16 j 04:04	18°♈07'49	0°01'40	
minimum elong	-637 Apr 16 j 03:59	18°♈07'23	0°01'39	
behind sun begin	-637 Apr 15 j 22:56	17°♈39'49		
behind sun end	-637 Apr 16 j 09:02	18°♈34'58		
asc. node	-637 Apr 16 j 00:19	17°♈47'20		
	-637 Apr 21 j 14:56	0°♉		
evening rise	-637 Apr 23 j 03:13	3°♉13'23		
	-637 May 07 j 14:46	0°♊		
evening max el	-637 May 19 j 08:53	14°♊48'33	25°00'33	
desc. node	-637 May 26 j 02:22	19°♊54'27		
retrograde	-637 Jun 02 j 08:52	21°♊55'24		
evening set	-637 Jun 07 j 15:08	20°♊51'57		
min. Earth dist.	-637 Jun 12 j 20:30	18°♊03'31	0.57492 AU	
inferior conj	-637 Jun 15 j 21:23	16°♊01'29	-4°-30'-35	
minimum elong	-637 Jun 15 j 18:01	16°♊07'11	4°30'16	
morning rise	-637 Jun 24 j 00:46	11°♊50'17		
direct	-637 Jun 26 j 13:57	11°♊31'18		
morning max el	-637 Jul 05 j 10:37	15°♊39'31	19°07'38	
asc. node	-637 Jul 12 j 23:33	25°♊23'05		
	-637 Jul 15 j 16:55	0°♋		
morning set	-637 Jul 22 j 06:36	12°♋29'01		
superior conj	-637 Jul 30 j 15:21	28°♋58'47	1°47'24	
minimum elong	-637 Jul 30 j 15:45	29°♋00'46	1°47'25	
	-637 Jul 31 j 04:03	0°♌		
max. Earth dist.	-637 Aug 06 j 04:49	11°♌16'39	1.38433 AU	
evening rise	-637 Aug 10 j 01:39	18°♌09'10		
	-637 Aug 17 j 03:06	0°♍		
desc. node	-637 Aug 22 j 01:41	7°♍47'10		
	-637 Sep 06 j 21:43	0°♎		
evening max el	-637 Sep 14 j 16:46	8°♎49'34	24°44'31	
retrograde	-637 Sep 26 j 05:19	15°♎32'33		
evening set	-637 Oct 01 j 18:56	13°♎12'18		
min. Earth dist.	-637 Oct 06 j 10:05	7°♎55'57	0.67293 AU	
inferior conj	-637 Oct 07 j 06:02	6°♎49'42	0°-35'-5	
minimum elong	-637 Oct 07 j 06:54	6°♎46'50	0°34'44	
asc. node	-637 Oct 08 j 22:46	4°♎37'23		
morning rise	-637 Oct 12 j 19:17	0°♎44'56		
	-637 Oct 14 j 03:04	30°℞♍		
direct	-637 Oct 16 j 09:32	29°♍30'34		
	-637 Oct 18 j 18:19	0°♎		
morning max el	-637 Oct 24 j 00:52	3°♎54'07	20°03'03	
greatest brilliancy	-637 Oct 31 j 05:22	12°♎41'50	-0.6m	
	-637 Nov 12 j 00:51	0°♏		
desc. node	-637 Nov 18 j 01:00	9°♏11'17		
morning set	-637 Nov 19 j 13:24	11°♏31'44		
max. Earth dist.	-637 Nov 30 j 19:52	29°♏13'03	1.43874 AU	
	-637 Dec 01 j 07:37	0°♐		
superior conj	-637 Dec 06 j 02:25	7°♐43'51	-1°-41'-9	
minimum elong	-637 Dec 05 j 19:25	7°♐15'17	1°40'36	
evening rise	-637 Dec 19 j 06:22	29°♐50'29		
	-637 Dec 19 j 08:35	0°♑		
asc. node	-636 Jan 04 j 22:03	26°♑12'21		
evening max el	-636 Jan 06 j 04:48	27°♑35'37	18°13'12	
	-636 Jan 09 j 04:07	0°♒		
retrograde	-636 Jan 12 j 16:45	1°♒04'05		
evening set	-636 Jan 15 j 12:16	0°♒23'05		
	-636 Jan 16 j 05:33	30°℞♑		
inferior conj	-636 Jan 21 j 17:42	25°♑03'12	3°49'59	
minimum elong	-636 Jan 21 j 16:36	25°♑06'11	3°49'54	
min. Earth dist.	-636 Jan 24 j 07:24	22°♑16'45	0.63121 AU	
morning rise	-636 Jan 27 j 19:06	19°♑02'57		
direct	-636 Feb 03 j 19:00	16°♑20'08		
desc. node	-636 Feb 14 j 00:13	20°♑53'41		
morning max el	-636 Feb 17 j 15:37	24°♑11'10	27°43'32	
	-636 Feb 22 j 22:12	0°♒		
	-636 Mar 13 j 22:47	0°♓		
morning set	-636 Mar 22 j 20:27	16°♓48'12		
max. Earth dist.	-636 Mar 28 j 06:50	28°♓02'30	1.32992 AU	
	-636 Mar 29 j 04:53	0°♈		
superior conj	-636 Mar 30 j 12:34	2°♈50'02	0°-24'-45	
minimum elong	-636 Mar 30 j 13:44	2°♈56'22	0°24'31	
asc. node	-636 Apr 01 j 21:21	7°♈56'47		
evening rise	-636 Apr 06 j 15:00	18°♈06'32		
	-636 Apr 12 j 12:25	0°♉		
evening max el	-636 Apr 29 j 23:27	25°♉26'10	23°27'34	
	-636 May 05 j 21:18	0°♊		
desc. node	-636 May 11 j 23:24	2°♊07'55		
retrograde	-636 May 13 j 13:49	2°♊13'44		
evening set	-636 May 17 j 09:31	1°♊41'37		
	-636 May 21 j 15:13	30°℞♉		
min. Earth dist.	-636 May 24 j 09:47	28°♉28'08	0.55919 AU	
inferior conj	-636 May 26 j 10:20	27°♉15'57	-3°-39'-41	
minimum elong	-636 May 26 j 03:30	27°♉26'09	3°38'08	
morning rise	-636 Jun 04 j 00:59	23°♉19'48		
direct	-636 Jun 06 j 16:57	23°♉02'17		
morning max el	-636 Jun 17 j 02:41	27°♉51'01	20°13'20	
	-636 Jun 19 j 05:24	0°♊		
asc. node	-636 Jun 28 j 20:35	14°♊14'21		
morning set	-636 Jul 05 j 10:57	27°♊01'44		
	-636 Jul 06 j 21:54	0°♋		
superior conj	-636 Jul 13 j 05:28	12°♋54'24	1°44'56	
minimum elong	-636 Jul 13 j 04:14	12°♋48'10	1°44'54	
max. Earth dist.	-636 Jul 18 j 09:48	23°♋06'22	1.36544 AU	
evening rise	-636 Jul 22 j 09:44	0°♌36'01		
	-636 Jul 22 j 01:53	0°♌		
desc. node	-636 Aug 07 j 22:42	28°♌01'10		
	-636 Aug 09 j 06:51	0°♍		
evening max el	-636 Aug 27 j 04:00	22°♍25'13	25°55'10	
retrograde	-636 Sep 08 j 14:07	29°♍30'50		
evening set	-636 Sep 14 j 18:21	26°♍55'34		
min. Earth dist.	-636 Sep 19 j 01:20	22°♍15'45	0.66656 AU	
inferior conj	-636 Sep 20 j 08:30	20°♍37'24	-1°-30'-43	
minimum elong	-636 Sep 20 j 10:46	20°♍30'13	1°29'49	
asc. node	-636 Sep 24 j 19:47	15°♍40'19		
morning rise	-636 Sep 26 j 04:02	14°♍41'56		
direct	-636 Sep 29 j 07:51	13°♍44'30		
morning max el	-636 Oct 06 j 07:35	17°♍40'31	19°05'42	
	-636 Oct 15 j 17:34	0°♎		
morning set	-636 Oct 28 j 20:27	20°♎17'25		
desc. node	-636 Nov 03 j 22:01	29°♎47'46		
	-636 Nov 04 j 01:08	0°♏		
max. Earth dist.	-636 Nov 12 j 11:25	13°♏14'07	1.44788 AU	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-636 Nov 14 j 12:29	16°♏27'46	-1°-5'-37
minimum elong	-636 Nov 14 j 04:53	15°♏57'44	1°04'46
	-636 Nov 23 j 00:08	0°♐	
evening rise	-636 Nov 29 j 14:08	10°♐41'45	
	-636 Dec 11 j 12:19	0°♑	
evening max el	-636 Dec 19 j 16:40	10°♑57'56	18°36'42
asc. node	-636 Dec 21 j 19:05	12°♑51'06	
retrograde	-636 Dec 26 j 08:10	14°♑39'51	
evening set	-636 Dec 29 j 08:43	13°♑48'30	
inferior conj	-635 Jan 04 j 06:08	8°♑10'14	3°32'50
minimum elong	-635 Jan 04 j 03:47	8°♑17'15	3°32'27
min. Earth dist.	-635 Jan 06 j 04:38	5°♑51'49	0.64762 AU
morning rise	-635 Jan 09 j 21:36	2°♑02'29	
	-635 Jan 13 j 00:22	30°℞♐	
direct	-635 Jan 16 j 16:10	29°♐11'11	
	-635 Jan 20 j 14:05	0°♑	
morning max el	-635 Jan 30 j 00:59	6°♑56'25	27°11'52
desc. node	-635 Jan 30 j 21:15	7°♑47'59	
	-635 Feb 16 j 20:27	0°♒	
morning set	-635 Mar 06 j 11:34	0°♓34'01	
	-635 Mar 06 j 04:33	0°♓	
max. Earth dist.	-635 Mar 11 j 04:47	9°♓58'50	1.33906 AU
superior conj	-635 Mar 14 j 16:39	17°♓14'28	0°-51'-15
minimum elong	-635 Mar 14 j 19:04	17°♓27'12	0°50'47
asc. node	-635 Mar 19 j 18:24	28°♓00'03	
	-635 Mar 20 j 17:04	0°♈	
evening rise	-635 Mar 22 j 01:42	2°♈51'22	
	-635 Apr 06 j 10:01	0°♉	
evening max el	-635 Apr 11 j 17:54	6°♉07'25	21°53'58
retrograde	-635 Apr 24 j 07:22	12°♉15'30	
evening set	-635 Apr 26 j 23:11	11°♉59'44	
desc. node	-635 Apr 28 j 20:26	11°♉30'39	
inferior conj	-635 May 06 j 08:24	7°♉55'27	-2°-5'-24
minimum elong	-635 May 06 j 02:48	8°♉03'20	2°03'33
min. Earth dist.	-635 May 05 j 22:57	8°♉08'44	0.55085 AU
morning rise	-635 May 15 j 07:37	3°♉59'16	
direct	-635 May 18 j 06:10	3°♉40'05	
morning max el	-635 May 30 j 07:47	9°♉20'39	21°37'54
	-635 Jun 13 j 20:25	0°♊	
asc. node	-635 Jun 15 j 17:38	3°♊35'17	
morning set	-635 Jun 19 j 19:46	11°♊49'51	
superior conj	-635 Jun 27 j 04:56	27°♊19'28	1°35'41
minimum elong	-635 Jun 27 j 02:44	27°♊08'01	1°35'30
	-635 Jun 28 j 11:52	0°♋	
max. Earth dist.	-635 Jun 30 j 22:35	5°♋00'03	1.34962 AU
evening rise	-635 Jul 05 j 11:34	13°♋56'29	
	-635 Jul 14 j 09:04	0°♌	
desc. node	-635 Jul 25 j 19:44	17°♌52'49	
	-635 Aug 04 j 02:22	0°♍	
evening max el	-635 Aug 09 j 15:50	5°♍58'22	26°49'42
retrograde	-635 Aug 22 j 17:51	13°♍15'26	
evening set	-635 Aug 29 j 10:59	10°♍31'22	
min. Earth dist.	-635 Sep 02 j 10:28	6°♍29'11	0.65673 AU
inferior conj	-635 Sep 04 j 05:52	4°♍21'40	-2°-25'-27
minimum elong	-635 Sep 04 j 09:27	4°♍11'09	2°24'10
	-635 Sep 08 j 09:30	30°℞♌	
morning rise	-635 Sep 10 j 09:14	28°♌38'33	
asc. node	-635 Sep 11 j 16:49	28°♌06'58	
direct	-635 Sep 13 j 05:01	27°♌54'17	
	-635 Sep 18 j 03:27	0°♍	
morning max el	-635 Sep 19 j 19:46	1°♍31'51	18°24'20
morning set	-635 Oct 09 j 06:03	0°♎23'49	
	-635 Oct 09 j 00:11	0°♎	
desc. node	-635 Oct 21 j 19:03	20°♎31'01	
superior conj	-635 Oct 24 j 12:49	24°♎50'47	0°-17'-50
minimum elong	-635 Oct 24 j 10:28	24°♎41'31	0°17'32
max. Earth dist.	-635 Oct 26 j 05:43	27°♎31'49	1.44985 AU
	-635 Oct 27 j 19:25	0°♏	
evening rise	-635 Nov 09 j 22:01	20°♏34'11	
	-635 Nov 15 j 22:03	0°♐	
greatest brilliancy	-635 Nov 23 j 08:59	11°♐31'17	-0.7m
evening max el	-635 Dec 03 j 01:46	24°♐24'45	19°17'24
asc. node	-635 Dec 08 j 16:07	28°♐16'48	
retrograde	-635 Dec 10 j 03:56	28°♐29'15	
evening set	-635 Dec 13 j 11:08	27°♐25'47	
inferior conj	-635 Dec 19 j 02:51	21°♐31'46	3°03'24
minimum elong	-635 Dec 19 j 00:01	21°♐40'51	3°02'41
min. Earth dist.	-635 Dec 20 j 10:43	19°♐49'44	0.66032 AU
morning rise	-635 Dec 24 j 12:03	15°♐19'16	
direct	-635 Dec 30 j 19:35	12°♐33'17	
morning max el	-634 Jan 12 j 10:23	20°♐00'03	26°12'16
desc. node	-634 Jan 17 j 18:18	25°♐54'45	
	-634 Jan 21 j 00:53	0°♑	
	-634 Feb 09 j 22:44	0°♒	
morning set	-634 Feb 17 j 13:44	13°♒36'07	
max. Earth dist.	-634 Feb 21 j 14:59	21°♒19'47	1.35285 AU
	-634 Feb 25 j 23:30	0°♓	
superior conj	-634 Feb 26 j 13:57	1°♓13'28	-1°-16'-25
minimum elong	-634 Feb 26 j 17:21	1°♓30'49	1°15'54
evening rise	-634 Mar 06 j 09:24	17°♓21'03	
asc. node	-634 Mar 06 j 15:27	17°♓52'06	
	-634 Mar 12 j 20:02	0°♈	
evening max el	-634 Mar 24 j 21:49	17°♈15'50	20°31'08
retrograde	-634 Apr 04 j 20:30	22°♈31'13	
evening set	-634 Apr 07 j 00:43	22°♈19'37	
desc. node	-634 Apr 15 j 17:29	18°♈36'42	
inferior conj	-634 Apr 16 j 03:25	18°♈22'17	0°-7'-5
minimum elong	-634 Apr 16 j 03:05	18°♈22'46	0°06'59
transit middle	-634 Apr 16 j 03:05	18°♈22'46	0°06'59
transit begin	-634 Apr 15 j 23:27	18°♈28'03	
transit end	-634 Apr 16 j 06:44	18°♈17'29	
min. Earth dist.	-634 Apr 17 j 12:34	17°♈34'13	0.55193 AU
morning rise	-634 Apr 25 j 03:37	14°♈07'45	
direct	-634 Apr 28 j 18:04	13°♈39'35	
morning max el	-634 May 12 j 03:15	20°♈10'59	23°15'44
	-634 May 20 j 09:32	0°♉	
asc. node	-634 Jun 02 j 14:42	23°♉17'16	
morning set	-634 Jun 04 j 07:03	26°♉46'28	
	-634 Jun 05 j 19:43	0°♊	
superior conj	-634 Jun 11 j 10:36	12°♊03'16	1°21'10
minimum elong	-634 Jun 11 j 08:04	11°♊49'46	1°20'49
max. Earth dist.	-634 Jun 13 j 21:14	17°♊14'37	1.33757 AU
evening rise	-634 Jun 19 j 02:18	27°♊55'41	
	-634 Jun 20 j 03:30	0°♋	
	-634 Jul 07 j 14:16	0°♌	
desc. node	-634 Jul 12 j 16:47	7°♌11'37	
evening max el	-634 Jul 23 j 03:26	19°♌17'50	27°20'42
retrograde	-634 Aug 05 j 15:46	26°♌37'39	
evening set	-634 Aug 12 j 18:01	23°♌54'18	
min. Earth dist.	-634 Aug 16 j 11:13	20°♌28'19	0.64326 AU
inferior conj	-634 Aug 18 j 19:45	17°♌56'54	-3°-16'-48
minimum elong	-634 Aug 19 j 00:14	17°♌44'53	3°15'29
morning rise	-634 Aug 25 j 08:16	12°♌29'35	
direct	-634 Aug 27 j 22:36	11°♌54'57	
asc. node	-634 Aug 29 j 13:53	12°♌08'49	
morning max el	-634 Sep 03 j 10:55	15°♌22'16	18°00'04
	-634 Sep 13 j 19:05	0°♍	
morning set	-634 Sep 20 j 19:27	11°♍51'01	
	-634 Oct 01 j 16:02	0°♎	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-634 Oct 04 j 01:24	3°♎53'20	0°30'04	
minimum elong	-634 Oct 04 j 04:45	4°♎06'53	0°29'36	
desc. node	-634 Oct 08 j 16:07	11°♎17'25		
max. Earth dist.	-634 Oct 08 j 23:52	11°♎48'16	1.44447 AU	
evening rise	-634 Oct 20 j 10:22	29°♎40'45		
	-634 Oct 20 j 15:21	0°♏		
greatest brilliancy	-634 Nov 09 j 15:13	29°♏46'18	-0.6m	
	-634 Nov 09 j 19:14	0°♐		
evening max el	-634 Nov 16 j 06:14	7°♐53'12	20°13'28	
retrograde	-634 Nov 24 j 01:28	12°♐28'15		
asc. node	-634 Nov 25 j 13:08	12°♐15'37		
evening set	-634 Nov 27 j 17:12	11°♐10'34		
inferior conj	-634 Dec 03 j 05:09	5°♐03'43	2°25'01	
minimum elong	-634 Dec 03 j 02:26	5°♐12'49	2°24'08	
min. Earth dist.	-634 Dec 03 j 23:52	4°♐00'48	0.66914 AU	
	-634 Dec 07 j 06:04	30°℞♏		
morning rise	-634 Dec 08 j 11:08	28°♏48'42		
direct	-634 Dec 14 j 04:22	26°♏18'05		
	-634 Dec 22 j 06:44	0°♐		
morning max el	-634 Dec 25 j 18:54	3°♐12'38	24°54'04	
desc. node	-633 Jan 04 j 15:21	14°♐52'52		
	-633 Jan 15 j 06:28	0°♑		
morning set	-633 Jan 30 j 21:44	25°♑40'01		
	-633 Feb 02 j 07:34	0°♒		
max. Earth dist.	-633 Feb 03 j 14:49	2°♒23'14	1.37090 AU	
superior conj	-633 Feb 10 j 01:26	14°♒38'46	-1°-38'-22	
minimum elong	-633 Feb 10 j 05:10	14°♒57'04	1°37'59	
	-633 Feb 17 j 18:03	0°♓		
evening rise	-633 Feb 18 j 11:56	1°♓29'37		
asc. node	-633 Feb 21 j 12:31	7°♓28'13		
evening max el	-633 Mar 07 j 12:49	29°♓01'30	19°25'32	
	-633 Mar 08 j 14:39	0°♈		
retrograde	-633 Mar 16 j 18:45	3°♈27'37		
evening set	-633 Mar 18 j 23:16	3°♈13'49		
	-633 Mar 26 j 00:38	30°℞♓		
inferior conj	-633 Mar 27 j 09:38	29°♓06'51	1°41'31	
minimum elong	-633 Mar 27 j 13:27	29°♓00'38	1°40'19	
min. Earth dist.	-633 Mar 30 j 03:10	27°♓20'33	0.56219 AU	
desc. node	-633 Apr 02 j 14:31	25°♓21'42		
morning rise	-633 Apr 04 j 23:54	24°♓21'18		
direct	-633 Apr 09 j 15:23	23°♓32'18		
	-633 Apr 23 j 00:15	0°♈		
morning max el	-633 Apr 23 j 18:05	0°♈41'46	24°55'38	
	-633 May 13 j 22:44	0°♉		
morning set	-633 May 19 j 19:07	11°♉45'57		
asc. node	-633 May 20 j 11:48	13°♉14'04		
superior conj	-633 May 26 j 20:08	26°♉58'13	1°02'31	
minimum elong	-633 May 26 j 17:49	26°♉45'36	1°02'07	
max. Earth dist.	-633 May 28 j 04:03	29°♉51'27	1.32931 AU	
	-633 May 28 j 05:37	0°♊		
evening rise	-633 Jun 03 j 02:09	12°♊21'58		
	-633 Jun 12 j 07:57	0°♋		
desc. node	-633 Jun 29 j 13:48	25°♋43'55		
	-633 Jul 03 j 08:34	0°♌		
evening max el	-633 Jul 05 j 12:34	2°♌10'15	27°22'05	
retrograde	-633 Jul 19 j 07:19	9°♌28'54		
evening set	-633 Jul 26 j 11:54	6°♌58'38		
min. Earth dist.	-633 Jul 30 j 01:49	4°♌02'39	0.62625 AU	
inferior conj	-633 Aug 01 j 23:16	1°♌16'38	-4°00'-58	
minimum elong	-633 Aug 02 j 03:44	1°♌05'55	4°00'02	
	-633 Aug 03 j 07:45	30°℞♋		
morning rise	-633 Aug 08 j 21:59	26°♋08'39		
direct	-633 Aug 11 j 09:22	25°♋40'46		
asc. node	-633 Aug 16 j 10:58	27°♋39'47		
morning max el	-633 Aug 18 j 02:17	29°♋06'06	17°53'48	
	-633 Aug 18 j 23:04	0°♌		
morning set	-633 Sep 03 j 07:19	24°♌22'31		
	-633 Sep 06 j 11:10	0°♍		
superior conj	-633 Sep 14 j 15:51	14°♍13'08	1°07'59	
minimum elong	-633 Sep 14 j 20:58	14°♍34'51	1°07'23	
max. Earth dist.	-633 Sep 21 j 14:47	25°♍44'56	1.43250 AU	
	-633 Sep 24 j 06:07	0°♎		
desc. node	-633 Sep 25 j 13:08	2°♎03'35		
evening rise	-633 Sep 29 j 17:11	8°♎36'50		
	-633 Oct 13 j 21:41	0°♏		
greatest brilliancy	-633 Oct 25 j 02:13	15°♏26'38	-0.4m	
evening max el	-633 Oct 30 j 04:50	21°♏21'15	21°22'07	
retrograde	-633 Nov 07 j 22:35	26°♏32'51		
evening set	-633 Nov 12 j 00:55	24°♏58'56		
asc. node	-633 Nov 12 j 10:12	24°♏40'12		
inferior conj	-633 Nov 17 j 10:45	18°♏42'39	1°39'57	
minimum elong	-633 Nov 17 j 08:38	18°♏49'54	1°39'09	
min. Earth dist.	-633 Nov 17 j 17:49	18°♏18'15	0.67436 AU	
morning rise	-633 Nov 22 j 16:03	12°♏27'07		
direct	-633 Nov 27 j 17:50	10°♏17'27		
morning max el	-633 Dec 08 j 03:54	16°♏29'36	23°27'09	
greatest brilliancy	-633 Dec 13 j 21:13	22°♏58'03	-0.2m	
	-633 Dec 19 j 07:14	0°♐		
desc. node	-633 Dec 22 j 12:23	4°♐26'48		
	-632 Jan 08 j 07:28	0°♑		
morning set	-632 Jan 12 j 05:15	6°♑28'33		
max. Earth dist.	-632 Jan 16 j 10:15	13°♑42'00	1.39164 AU	
superior conj	-632 Jan 23 j 23:01	27°♑18'54	-1°-54'-25	
minimum elong	-632 Jan 24 j 01:50	27°♑32'04	1°54'17	
	-632 Jan 25 j 09:22	0°♒		
evening rise	-632 Feb 02 j 06:34	15°♒09'11		
asc. node	-632 Feb 08 j 09:33	26°♒41'55		
	-632 Feb 10 j 06:47	0°♓		
evening max el	-632 Feb 18 j 13:28	11°♓22'04	18°39'43	
retrograde	-632 Feb 26 j 10:51	15°♓12'32		
evening set	-632 Feb 28 j 19:29	14°♓53'10		
inferior conj	-632 Mar 07 j 11:33	10°♓27'49	2°58'05	
minimum elong	-632 Mar 07 j 15:46	10°♓19'46	2°57'09	
min. Earth dist.	-632 Mar 10 j 20:21	7°♓55'17	0.57924 AU	
morning rise	-632 Mar 15 j 08:02	5°♓11'00		
desc. node	-632 Mar 19 j 11:34	3°♓54'59		
direct	-632 Mar 21 j 02:14	3°♓48'27		
morning max el	-632 Apr 04 j 10:29	11°♓21'31	26°22'28	
	-632 Apr 18 j 20:27	0°♈		
morning set	-632 May 03 j 06:17	26°♈42'22		
	-632 May 04 j 19:37	0°♉		
asc. node	-632 May 06 j 08:52	3°♉20'16		
superior conj	-632 May 10 j 07:35	11°♉57'39	0°40'40	
minimum elong	-632 May 10 j 05:53	11°♉48'23	0°40'20	
max. Earth dist.	-632 May 10 j 15:43	12°♉42'18	1.32469 AU	
evening rise	-632 May 17 j 08:09	27°♉05'43		
	-632 May 18 j 17:54	0°♊		
	-632 Jun 04 j 20:08	0°♋		
desc. node	-632 Jun 15 j 10:49	13°♋10'17		
evening max el	-632 Jun 16 j 16:34	14°♋23'24	26°50'40	
retrograde	-632 Jun 30 j 15:47	21°♋40'12		
evening set	-632 Jul 07 j 12:18	19°♋36'52		
min. Earth dist.	-632 Jul 11 j 06:13	16°♋57'46	0.60648 AU	
inferior conj	-632 Jul 14 j 13:02	14°♋12'32	-4°-31'-58	
minimum elong	-632 Jul 14 j 15:54	14°♋06'28	4°31'41	
morning rise	-632 Jul 21 j 22:38	9°♋26'39		
direct	-632 Jul 24 j 09:17	9°♋03'25		
morning max el	-632 Jul 31 j 14:55	12°♋36'15	18°06'33	
asc. node	-632 Aug 02 j 08:03	14°♋25'38		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-632 Aug 12 j 07:44	0°♌	
morning set	-632 Aug 16 j 11:51	7°♌42'27	
	-632 Aug 18 j 15:49	0°♍	
superior conj	-632 Aug 26 j 09:07	25°♌53'01	1°32'37
minimum elong	-632 Aug 26 j 12:59	26°♌10'14	1°32'18
	-632 Aug 28 j 16:59	0°♍	
max. Earth dist.	-632 Sep 03 j 00:00	9°♍04'44	1.41552 AU
evening rise	-632 Sep 08 j 12:43	18°♍10'07	
desc. node	-632 Sep 11 j 10:09	22°♍46'40	
	-632 Sep 16 j 01:50	0°♎	
greatest brilliancy	-632 Oct 07 j 00:56	29°♎22'31	-0.3m
	-632 Oct 07 j 13:23	0°♏	
evening max el	-632 Oct 11 j 21:49	4°♏50'06	22°39'19
retrograde	-632 Oct 21 j 17:42	10°♏40'37	
evening set	-632 Oct 26 j 08:33	8°♏48'56	
asc. node	-632 Oct 29 j 07:14	5°♏42'50	
inferior conj	-632 Oct 31 j 17:45	2°♏26'57	0°50'00
minimum elong	-632 Oct 31 j 16:36	2°♏30'55	0°49'30
min. Earth dist.	-632 Oct 31 j 14:13	2°♏39'11	0.67630 AU
	-632 Nov 02 j 13:07	30°℞♎	
morning rise	-632 Nov 06 j 00:36	26°♎13'18	
direct	-632 Nov 10 j 11:23	24°♎26'08	
morning max el	-632 Nov 19 j 16:25	29°♎52'28	22°00'48
	-632 Nov 19 j 19:24	0°♏	
greatest brilliancy	-632 Nov 24 j 10:26	5°♏14'27	-0.4m
desc. node	-632 Dec 08 j 09:25	24°♏26'32	
	-632 Dec 12 j 02:50	0°♐	
morning set	-632 Dec 22 j 07:41	15°♐52'34	
max. Earth dist.	-632 Dec 28 j 08:18	25°♐44'41	1.41249 AU
	-632 Dec 30 j 20:50	0°♑	
superior conj	-631 Jan 05 j 01:39	9°♑01'25	-2°00'-55
minimum elong	-631 Jan 05 j 01:40	9°♑01'26	2°00'56
evening rise	-631 Jan 15 j 14:02	28°♑11'58	
	-631 Jan 16 j 13:19	0°♒	
asc. node	-631 Jan 25 j 06:34	15°♒25'51	
evening max el	-631 Jan 31 j 21:05	24°♒10'17	18°14'04
retrograde	-631 Feb 07 j 21:10	27°♒40'55	
evening set	-631 Feb 10 j 10:09	27°♒14'02	
inferior conj	-631 Feb 17 j 10:11	22°♒27'29	3°39'32
minimum elong	-631 Feb 17 j 12:29	22°♒22'23	3°39'16
min. Earth dist.	-631 Feb 20 j 18:41	19°♒30'35	0.59973 AU
morning rise	-631 Feb 24 j 11:31	16°♒47'53	
direct	-631 Mar 03 j 01:43	14°♒47'09	
desc. node	-631 Mar 06 j 08:36	15°♒15'41	
morning max el	-631 Mar 17 j 08:18	22°♒32'52	27°22'02
	-631 Mar 23 j 22:56	0°♓	
	-631 Apr 11 j 20:14	0°♈	
morning set	-631 Apr 17 j 14:45	11°♈29'08	
asc. node	-631 Apr 23 j 05:54	23°♈31'02	
max. Earth dist.	-631 Apr 24 j 04:28	25°♈34'24	1.32373 AU
superior conj	-631 Apr 24 j 19:13	26°♈55'15	0°16'24
minimum elong	-631 Apr 24 j 18:29	26°♈51'13	0°16'15
	-631 Apr 26 j 04:54	0°♉	
evening rise	-631 May 01 j 17:56	11°♉58'39	
	-631 May 10 j 23:00	0°♊	
evening max el	-631 May 29 j 13:52	25°♊51'18	25°47'58
desc. node	-631 Jun 02 j 07:51	29°♊02'52	
	-631 Jun 03 j 16:28	0°♋	
retrograde	-631 Jun 12 j 15:24	3°♋04'09	
evening set	-631 Jun 18 j 14:52	1°♋38'28	
	-631 Jun 21 j 13:27	30°℞♊	
min. Earth dist.	-631 Jun 23 j 02:18	28°♊58'08	0.58588 AU
inferior conj	-631 Jun 26 j 09:21	26°♊34'18	-4°-40'-36
minimum elong	-631 Jun 26 j 08:38	26°♊35'36	4°40'36
morning rise	-631 Jul 04 j 06:11	22°♊11'05	
direct	-631 Jul 06 j 17:55	21°♊50'59	
morning max el	-631 Jul 14 j 21:42	25°♊42'50	18°39'22
	-631 Jul 18 j 15:49	0°♋	
asc. node	-631 Jul 20 j 05:06	2°♋10'14	
morning set	-631 Jul 31 j 04:17	21°♋37'25	
	-631 Aug 04 j 11:44	0°♌	
superior conj	-631 Aug 09 j 00:04	8°♌37'22	1°44'59
minimum elong	-631 Aug 09 j 01:42	8°♌45'00	1°44'56
max. Earth dist.	-631 Aug 16 j 03:51	21°♌39'06	1.39583 AU
evening rise	-631 Aug 20 j 07:49	28°♌49'56	
	-631 Aug 21 j 00:28	0°♍	
desc. node	-631 Aug 29 j 07:10	13°♍22'13	
	-631 Sep 09 j 13:33	0°♎	
evening max el	-631 Sep 24 j 10:53	18°♎21'42	23°59'38
retrograde	-631 Oct 05 j 09:27	24°♎47'52	
evening set	-631 Oct 10 j 14:22	22°♎37'59	
min. Earth dist.	-631 Oct 15 j 10:34	17°♎01'14	0.67507 AU
inferior conj	-631 Oct 16 j 00:23	16°♎14'24	0°-3'-21
minimum elong	-631 Oct 16 j 00:27	16°♎14'08	0°03'21
transit middle	-631 Oct 16 j 00:27	16°♎14'08	0°03'21
transit begin	-631 Oct 15 j 21:48	16°♎23'10	
transit end	-631 Oct 16 j 03:07	16°♎05'06	
asc. node	-631 Oct 16 j 04:16	16°♎01'11	
morning rise	-631 Oct 21 j 10:45	10°♎05'19	
direct	-631 Oct 25 j 07:57	8°♎39'38	
morning max el	-631 Nov 02 j 11:22	13°♎23'50	20°42'26
greatest brilliancy	-631 Nov 08 j 11:21	20°♎28'40	-0.5m
	-631 Nov 15 j 08:22	0°♏	
desc. node	-631 Nov 25 j 06:27	14°♏44'41	
morning set	-631 Dec 01 j 09:49	24°♏11'16	
	-631 Dec 05 j 02:51	0°♐	
max. Earth dist.	-631 Dec 10 j 13:33	8°♐42'08	1.43059 AU
superior conj	-631 Dec 17 j 04:01	19°♐34'26	-1°-53'-24
minimum elong	-631 Dec 16 j 23:28	19°♐15'23	1°53'11
	-631 Dec 23 j 06:47	0°♑	
evening rise	-631 Dec 29 j 06:21	10°♑29'54	
	-630 Jan 09 j 16:48	0°♒	
asc. node	-630 Jan 12 j 03:35	3°♒31'00	
evening max el	-630 Jan 15 j 08:38	7°♒17'54	18°08'06
retrograde	-630 Jan 21 j 22:10	10°♒43'15	
evening set	-630 Jan 24 j 15:18	10°♒07'37	
inferior conj	-630 Jan 31 j 02:37	4°♒59'44	3°52'25
minimum elong	-630 Jan 31 j 02:36	4°♒59'46	3°52'24
min. Earth dist.	-630 Feb 03 j 00:43	2°♒03'21	0.62032 AU
	-630 Feb 05 j 07:26	30°℞♑	
morning rise	-630 Feb 06 j 11:36	29°♑05'40	
direct	-630 Feb 13 j 11:07	26°♑34'06	
desc. node	-630 Feb 21 j 05:38	29°♑14'05	
	-630 Feb 22 j 08:42	0°♒	
morning max el	-630 Feb 27 j 12:04	4°♒24'47	27°46'16
	-630 Mar 18 j 14:53	0°♓	
morning set	-630 Apr 01 j 18:36	25°♓59'33	
	-630 Apr 03 j 17:17	0°♈	
max. Earth dist.	-630 Apr 07 j 14:36	8°♈15'23	1.32651 AU
superior conj	-630 Apr 09 j 05:24	11°♈45'26	0°-9'-28
minimum elong	-630 Apr 09 j 05:50	11°♈47'50	0°09'22
behind sun begin	-630 Apr 09 j 01:40	11°♈25'10	
behind sun end	-630 Apr 09 j 10:00	12°♈10'30	
asc. node	-630 Apr 10 j 02:55	13°♈42'30	
evening rise	-630 Apr 16 j 05:32	26°♈54'11	
	-630 Apr 17 j 17:01	0°♉	
	-630 May 05 j 06:59	0°♊	
evening max el	-630 May 11 j 05:47	6°♊42'13	24°22'11
desc. node	-630 May 20 j 04:52	12°♊46'56	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-630 May 25 j 03:30	13°♊42'45	
evening set	-630 May 29 j 18:57	12°♊54'32	
min. Earth dist.	-630 Jun 04 j 17:16	9°♊56'42	0.56749 AU
inferior conj	-630 Jun 07 j 09:44	8°♊14'28	-4°-14'-38
minimum elong	-630 Jun 07 j 04:32	8°♊22'47	4°13'50
morning rise	-630 Jun 15 j 17:56	4°♊10'34	
direct	-630 Jun 18 j 08:05	3°♊52'23	
morning max el	-630 Jun 27 j 19:44	8°♊16'38	19°33'01
asc. node	-630 Jul 07 j 02:09	20°♊40'30	
	-630 Jul 12 j 04:28	0°♋	
morning set	-630 Jul 15 j 05:06	5°♋58'31	
superior conj	-630 Jul 23 j 07:07	22°♋10'37	1°47'18
minimum elong	-630 Jul 23 j 06:44	22°♋08'48	1°47'18
	-630 Jul 27 j 08:12	0°♌	
max. Earth dist.	-630 Jul 29 j 06:57	3°♌39'25	1.37606 AU
evening rise	-630 Aug 02 j 03:33	10°♌40'27	
	-630 Aug 13 j 17:37	0°♍	
desc. node	-630 Aug 16 j 04:11	3°♍45'36	
	-630 Sep 05 j 00:36	0°♎	
evening max el	-630 Sep 06 j 22:28	1°♎57'12	25°16'04
retrograde	-630 Sep 18 j 20:52	8°♎50'42	
evening set	-630 Sep 24 j 16:40	6°♎23'52	
min. Earth dist.	-630 Sep 29 j 04:24	1°♎22'35	0.67066 AU
inferior conj	-630 Sep 30 j 04:54	0°♎02'45	0°-58'-38
minimum elong	-630 Sep 30 j 06:22	29°♍58'00	0°58'02
	-630 Sep 30 j 05:45	30°℞♍	
asc. node	-630 Oct 03 j 01:19	26°♍32'04	
morning rise	-630 Oct 05 j 20:36	24°♍01'20	
direct	-630 Oct 09 j 06:12	22°♍54'25	
morning max el	-630 Oct 16 j 13:57	27°♍05'00	19°36'43
	-630 Oct 19 j 04:45	0°♎	
greatest brilliancy	-630 Oct 25 j 01:12	7°♎48'18	-0.6m
	-630 Nov 08 j 17:59	0°♏	
morning set	-630 Nov 10 j 08:01	2°♏27'11	
desc. node	-630 Nov 12 j 03:28	5°♏15'42	
max. Earth dist.	-630 Nov 23 j 02:30	22°♏26'45	1.44352 AU
superior conj	-630 Nov 27 j 03:27	28°♏53'31	-1°-28'-9
minimum elong	-630 Nov 26 j 19:26	28°♏21'21	1°27'24
	-630 Nov 27 j 19:59	0°♐	
evening rise	-630 Dec 11 j 03:10	21°♐54'46	
	-630 Dec 15 j 22:25	0°♑	
evening max el	-630 Dec 29 j 21:11	20°♑36'42	18°21'01
asc. node	-630 Dec 30 j 00:36	20°♑45'18	
retrograde	-629 Jan 05 j 09:30	24°♑09'14	
evening set	-629 Jan 08 j 07:08	23°♑23'51	
inferior conj	-629 Jan 14 j 08:50	17°♑55'53	3°44'26
minimum elong	-629 Jan 14 j 07:06	18°♑00'47	3°44'15
min. Earth dist.	-629 Jan 16 j 16:05	15°♑20'06	0.63868 AU
morning rise	-629 Jan 20 j 05:34	11°♑52'22	
direct	-629 Jan 27 j 04:13	9°♑04'09	
desc. node	-629 Feb 08 j 02:40	15°♑14'06	
morning max el	-629 Feb 09 j 20:06	16°♑53'07	27°33'58
	-629 Feb 20 j 18:20	0°♒	
	-629 Mar 11 j 09:00	0°♓	
morning set	-629 Mar 16 j 15:14	10°♓03'59	
max. Earth dist.	-629 Mar 21 j 18:09	20°♓30'57	1.33330 AU
superior conj	-629 Mar 24 j 12:16	26°♓20'45	0°-36'-3
minimum elong	-629 Mar 24 j 13:59	26°♓29'54	0°35'42
	-629 Mar 26 j 05:13	0°♈	
asc. node	-629 Mar 27 j 23:57	3°♈49'39	
evening rise	-629 Mar 31 j 17:04	11°♈44'31	
	-629 Apr 10 j 03:13	0°♉	
evening max el	-629 Apr 22 j 21:14	17°♉17'33	22°47'03
retrograde	-629 May 06 j 02:38	23°♉49'57	

desc. node	-629 May 07 j 01:53	23°♉47'51	
evening set	-629 May 09 j 09:03	23°♉26'35	
min. Earth dist.	-629 May 17 j 06:03	19°♉59'07	0.55464 AU
inferior conj	-629 May 18 j 15:15	19°♉11'31	-3°-4'-25
minimum elong	-629 May 18 j 08:14	19°♉21'37	3°02'28
morning rise	-629 May 27 j 10:05	15°♉17'33	
direct	-629 May 30 j 04:24	14°♉59'41	
morning max el	-629 Jun 10 j 06:58	20°♉09'20	20°47'13
	-629 Jun 18 j 06:10	0°♊	
asc. node	-629 Jun 23 j 23:12	9°♊45'08	
morning set	-629 Jun 29 j 11:37	20°♊38'15	
	-629 Jul 04 j 00:05	0°♋	
superior conj	-629 Jul 07 j 01:36	6°♋19'23	1°41'45
minimum elong	-629 Jul 06 j 23:53	6°♋10'33	1°41'39
max. Earth dist.	-629 Jul 11 j 15:06	15°♋28'56	1.35831 AU
evening rise	-629 Jul 15 j 19:46	23°♋31'12	
	-629 Jul 19 j 08:53	0°♌	
desc. node	-629 Aug 03 j 01:13	23°♌50'52	
	-629 Aug 07 j 09:13	0°♍	
evening max el	-629 Aug 20 j 10:05	15°♍33'01	26°20'50
retrograde	-629 Sep 02 j 03:21	22°♍43'56	
evening set	-629 Sep 08 j 13:30	20°♍04'03	
min. Earth dist.	-629 Sep 12 j 17:17	15°♍40'19	0.66284 AU
inferior conj	-629 Sep 14 j 05:29	13°♍49'19	-1°-54'-10
minimum elong	-629 Sep 14 j 08:20	13°♍40'33	1°53'04
asc. node	-629 Sep 19 j 22:22	8°♍07'18	
morning rise	-629 Sep 20 j 04:10	7°♍58'46	
direct	-629 Sep 23 j 04:22	7°♍07'15	
morning max el	-629 Sep 29 j 23:17	10°♍53'56	18°46'09
	-629 Oct 13 j 15:22	0°♎	
morning set	-629 Oct 21 j 01:32	11°♎45'43	
desc. node	-629 Oct 30 j 00:31	25°♎55'35	
	-629 Nov 01 j 14:37	0°♏	
superior conj	-629 Nov 06 j 06:51	7°♏21'20	0°-46'-13
minimum elong	-629 Nov 06 j 00:57	6°♏58'08	0°45'29
max. Earth dist.	-629 Nov 05 j 20:17	6°♏39'46	1.44965 AU
	-629 Nov 20 j 13:37	0°♐	
evening rise	-629 Nov 22 j 00:54	2°♐21'31	
	-629 Dec 09 j 22:21	0°♑	
evening max el	-629 Dec 13 j 08:11	4°♑01'40	18°51'55
asc. node	-629 Dec 16 j 21:39	6°♑55'19	
retrograde	-629 Dec 20 j 03:17	7°♑52'04	
evening set	-629 Dec 23 j 06:30	6°♑55'38	
inferior conj	-629 Dec 29 j 01:12	1°♑10'03	3°21'37
minimum elong	-629 Dec 28 j 22:34	1°♑18'11	3°21'05
	-629 Dec 29 j 23:51	30°℞♐	
min. Earth dist.	-629 Dec 30 j 17:12	29°♐06'50	0.65353 AU
morning rise	-628 Jan 03 j 13:37	25°♐00'03	
direct	-628 Jan 10 j 03:57	22°♐09'53	
morning max el	-628 Jan 23 j 05:54	29°♐48'16	26°49'27
	-628 Jan 23 j 10:34	0°♑	
desc. node	-628 Jan 25 j 23:43	2°♑42'28	
	-628 Feb 14 j 16:14	0°♒	
morning set	-628 Feb 28 j 01:24	23°♒32'36	
	-628 Mar 02 j 08:58	0°♓	
max. Earth dist.	-628 Mar 03 j 11:38	2°♓13'01	1.34447 AU
superior conj	-628 Mar 07 j 13:48	10°♓34'58	-1°-2'-10
minimum elong	-628 Mar 07 j 16:41	10°♓49'59	1°01'41
asc. node	-628 Mar 13 j 21:00	23°♓48'27	
evening rise	-628 Mar 15 j 02:46	26°♓23'41	
	-628 Mar 16 j 20:51	0°♈	
evening max el	-628 Apr 03 j 19:02	28°♈06'54	21°16'44
	-628 Apr 05 j 22:29	0°♉	
retrograde	-628 Apr 15 j 16:57	3°♉53'36	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-628 Apr 18 j 02:02	3°♉40'34	
desc. node	-628 Apr 22 j 22:56	2°♉02'50	
	-628 Apr 26 j 20:36	30°℞♈	
inferior conj	-628 Apr 27 j 10:07	29°♈41'00	-1°-16'-6
minimum elong	-628 Apr 27 j 06:32	29°♈46'03	1°14'51
min. Earth dist.	-628 Apr 27 j 19:01	29°♈28'28	0.55016 AU
morning rise	-628 May 06 j 11:03	25°♈39'35	
direct	-628 May 09 j 14:58	25°♈17'53	
	-628 May 20 j 19:10	0°♉	
morning max el	-628 May 22 j 07:34	1°♉20'18	22°18'33
asc. node	-628 Jun 09 j 20:16	29°♉15'29	
	-628 Jun 10 j 05:10	0°♊	
morning set	-628 Jun 12 j 21:40	5°♊30'18	
superior conj	-628 Jun 20 j 04:00	20°♊53'00	1°30'06
minimum elong	-628 Jun 20 j 01:36	20°♊40'18	1°29'50
max. Earth dist.	-628 Jun 23 j 08:05	27°♊29'55	1.34397 AU
	-628 Jun 24 j 13:25	0°♋	
evening rise	-628 Jun 28 j 03:33	7°♋08'46	
	-628 Jul 10 j 23:16	0°♌	
desc. node	-628 Jul 19 j 22:16	13°♌29'40	
evening max el	-628 Aug 01 j 21:49	29°♌00'43	27°06'11
	-628 Aug 02 j 23:09	0°♍	
retrograde	-628 Aug 15 j 04:38	6°♍19'56	
evening set	-628 Aug 22 j 02:26	3°♍34'27	
	-628 Aug 25 j 18:44	30°℞♌	
min. Earth dist.	-628 Aug 25 j 22:54	29°♌48'28	0.65142 AU
inferior conj	-628 Aug 27 j 23:57	27°♌29'43	-2°-47'-53
minimum elong	-628 Aug 28 j 04:00	27°♌18'16	2°46'31
morning rise	-628 Sep 03 j 07:05	21°♌53'15	
asc. node	-628 Sep 05 j 19:27	21°♌13'43	
direct	-628 Sep 06 j 00:16	21°♌13'30	
morning max el	-628 Sep 12 j 13:08	24°♌45'32	18°11'59
	-628 Sep 16 j 20:43	0°♍	
morning set	-628 Sep 30 j 23:19	22°♍27'22	
	-628 Oct 05 j 13:15	0°♎	
superior conj	-628 Oct 15 j 09:49	15°♎53'44	0°03'14
minimum elong	-628 Oct 15 j 10:14	15°♎55'22	0°03'10
behind sun begin	-628 Oct 14 j 23:28	15°♎12'33	
behind sun end	-628 Oct 15 j 21:00	16°♎38'08	
desc. node	-628 Oct 15 j 21:34	16°♎40'24	
max. Earth dist.	-628 Oct 18 j 15:02	20°♎59'21	1.44837 AU
	-628 Oct 24 j 08:49	0°♏	
evening rise	-628 Oct 31 j 23:24	11°♏51'19	
	-628 Nov 12 j 17:48	0°♐	
greatest brilliancy	-628 Nov 17 j 13:53	7°♐10'07	-0.7m
evening max el	-628 Nov 25 j 15:25	17°♐28'43	19°39'26
asc. node	-628 Dec 02 j 18:42	21°♐45'27	
retrograde	-628 Dec 03 j 00:14	21°♐45'45	
evening set	-628 Dec 06 j 10:45	20°♐36'32	
inferior conj	-628 Dec 12 j 00:37	14°♐36'25	2°48'04
minimum elong	-628 Dec 11 j 21:47	14°♐45'46	2°47'16
min. Earth dist.	-628 Dec 13 j 02:40	13°♐10'59	0.66450 AU
morning rise	-628 Dec 17 j 08:06	8°♐22'21	
direct	-628 Dec 23 j 09:40	5°♐42'06	
morning max el	-627 Jan 04 j 15:11	12°♐57'21	25°40'42
desc. node	-627 Jan 11 j 20:46	21°♐13'00	
	-627 Jan 18 j 10:39	0°♑	
	-627 Feb 06 j 09:34	0°♒	
morning set	-627 Feb 09 j 20:37	6°♒12'12	
max. Earth dist.	-627 Feb 13 j 17:10	13°♒23'57	1.36007 AU
superior conj	-627 Feb 19 j 07:20	24°♒20'33	-1°-26'-16
minimum elong	-627 Feb 19 j 11:00	24°♒38'54	1°25'47
	-627 Feb 22 j 02:25	0°♓	
evening rise	-627 Feb 27 j 08:35	10°♓45'13	
asc. node	-627 Feb 28 j 18:03	13°♓34'19	
	-627 Mar 09 j 17:20	0°♈	
evening max el	-627 Mar 17 j 03:39	9°♈30'45	20°00'51
retrograde	-627 Mar 27 j 08:52	14°♈24'25	
evening set	-627 Mar 29 j 12:00	14°♈12'35	
inferior conj	-627 Apr 07 j 08:28	10°♈12'43	0°41'57
minimum elong	-627 Apr 07 j 10:18	10°♈09'56	0°41'19
min. Earth dist.	-627 Apr 09 j 09:13	8°♈58'57	0.55522 AU
desc. node	-627 Apr 09 j 19:57	8°♈43'05	
morning rise	-627 Apr 16 j 05:41	5°♈45'27	
direct	-627 Apr 20 j 05:41	5°♈10'15	
morning max el	-627 May 04 j 00:35	12°♈00'23	23°58'53
	-627 May 17 j 15:44	0°♉	
asc. node	-627 May 27 j 17:21	19°♉04'37	
morning set	-627 May 28 j 09:30	20°♉29'10	
	-627 Jun 01 j 20:11	0°♊	
superior conj	-627 Jun 04 j 11:37	5°♊43'01	1°13'43
minimum elong	-627 Jun 04 j 09:07	5°♊29'34	1°13'20
max. Earth dist.	-627 Jun 06 j 10:22	9°♊53'56	1.33352 AU
evening rise	-627 Jun 11 j 22:36	21°♊21'08	
	-627 Jun 16 j 08:55	0°♋	
	-627 Jul 04 j 21:23	0°♌	
desc. node	-627 Jul 06 j 19:17	2°♌30'57	
evening max el	-627 Jul 15 j 08:29	12°♌09'49	27°25'12
retrograde	-627 Jul 29 j 00:11	19°♌30'24	
evening set	-627 Aug 05 j 04:23	16°♌50'40	
min. Earth dist.	-627 Aug 08 j 19:30	13°♌38'41	0.63637 AU
inferior conj	-627 Aug 11 j 09:48	10°♌59'14	-3°-36'-44
minimum elong	-627 Aug 11 j 14:25	10°♌47'23	3°35'32
morning rise	-627 Aug 18 j 02:34	5°♌39'56	
direct	-627 Aug 20 j 15:13	5°♌08'39	
asc. node	-627 Aug 23 j 16:32	5°♌54'53	
morning max el	-627 Aug 27 j 04:47	8°♌34'19	17°55'10
	-627 Sep 10 j 10:14	0°♍	
morning set	-627 Sep 12 j 22:59	4°♍23'36	
superior conj	-627 Sep 25 j 08:37	25°♍27'03	0°47'42
minimum elong	-627 Sep 25 j 13:14	25°♍46'03	0°47'06
	-627 Sep 28 j 03:21	0°♎	
max. Earth dist.	-627 Oct 01 j 07:33	5°♎07'07	1.44007 AU
desc. node	-627 Oct 02 j 18:36	7°♎26'57	
evening rise	-627 Oct 11 j 07:05	20°♎46'56	
	-627 Oct 17 j 07:47	0°♏	
greatest brilliancy	-627 Nov 02 j 20:48	23°♏57'26	-0.5m
	-627 Nov 07 j 20:05	0°♐	
evening max el	-627 Nov 08 j 17:23	0°♐56'25	20°41'21
retrograde	-627 Nov 16 j 21:51	5°♐46'51	
asc. node	-627 Nov 19 j 15:46	5°♐03'52	
evening set	-627 Nov 20 j 17:44	4°♐22'43	
	-627 Nov 24 j 20:17	30°℞♏	
inferior conj	-627 Nov 26 j 04:35	28°♏11'27	2°06'38
minimum elong	-627 Nov 26 j 02:05	28°♏19'58	2°05'44
min. Earth dist.	-627 Nov 26 j 18:16	27°♏24'49	0.67176 AU
morning rise	-627 Dec 01 j 09:57	21°♏55'40	
direct	-627 Dec 06 j 20:39	19°♏33'19	
morning max el	-627 Dec 17 j 23:33	26°♏11'28	24°17'29
	-627 Dec 21 j 11:47	0°♐	
desc. node	-627 Dec 29 j 17:49	10°♐27'36	
	-626 Jan 12 j 00:49	0°♑	
morning set	-626 Jan 22 j 19:00	17°♑46'05	
max. Earth dist.	-626 Jan 26 j 13:38	24°♑26'54	1.37947 AU
	-626 Jan 29 j 14:31	0°♒	
superior conj	-626 Feb 02 j 13:27	7°♒27'57	-1°-46'-6
minimum elong	-626 Feb 02 j 17:00	7°♒44'58	1°45'49
evening rise	-626 Feb 11 j 08:07	24°♒42'03	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-626 Feb 14 j 01:06	0°♓	
asc. node	-626 Feb 15 j 15:06	3°♓01'33	
evening max el	-626 Feb 27 j 23:08	21°♓32'31	19°03'38
retrograde	-626 Mar 08 j 13:55	25°♓41'10	
evening set	-626 Mar 10 j 19:59	25°♓25'23	
inferior conj	-626 Mar 18 j 22:32	21°♓11'42	2°18'26
minimum elong	-626 Mar 19 j 02:57	21°♓04'01	2°17'12
min. Earth dist.	-626 Mar 22 j 00:57	19°♓03'17	0.56878 AU
morning rise	-626 Mar 27 j 05:47	16°♓12'02	
desc. node	-626 Mar 27 j 16:59	16°♓01'24	
direct	-626 Apr 01 j 09:11	15°♓09'41	
morning max el	-626 Apr 15 j 15:18	22°♓31'28	25°35'00
	-626 Apr 22 j 06:10	0°♈	
	-626 May 10 j 05:52	0°♉	
morning set	-626 May 12 j 21:22	5°♉27'53	
asc. node	-626 May 14 j 14:24	9°♉05'49	
superior conj	-626 May 19 j 22:11	20°♉40'47	0°53'36
minimum elong	-626 May 19 j 20:05	20°♉29'19	0°53'13
max. Earth dist.	-626 May 20 j 19:32	22°♉37'22	1.32690 AU
	-626 May 24 j 05:31	0°♊	
evening rise	-626 May 27 j 01:23	5°♊56'07	
	-626 Jun 08 j 23:15	0°♋	
desc. node	-626 Jun 23 j 16:18	20°♋38'01	
evening max el	-626 Jun 27 j 15:48	24°♋47'02	27°12'50
	-626 Jul 04 j 11:08	0°♌	
retrograde	-626 Jul 11 j 13:01	2°♌05'03	
	-626 Jul 18 j 05:48	30°℞♋	
evening set	-626 Jul 18 j 15:22	29°♋44'53	
min. Earth dist.	-626 Jul 22 j 05:53	26°♋57'42	0.61807 AU
inferior conj	-626 Jul 25 j 07:53	24°♋09'52	-4°-16'-12
minimum elong	-626 Jul 25 j 11:54	24°♋00'42	4°15'33
morning rise	-626 Aug 01 j 11:10	19°♋10'46	
direct	-626 Aug 03 j 21:52	18°♋45'08	
asc. node	-626 Aug 10 j 13:35	21°♋59'08	
morning max el	-626 Aug 10 j 19:17	22°♋12'49	17°56'46
	-626 Aug 16 j 19:52	0°♌	
morning set	-626 Aug 26 j 18:35	17°♌17'13	
	-626 Sep 02 j 19:47	0°♍	
superior conj	-626 Sep 06 j 10:48	6°♍21'20	1°20'03
minimum elong	-626 Sep 06 j 15:38	6°♍42'14	1°19'33
max. Earth dist.	-626 Sep 13 j 19:49	18°♍48'06	1.42578 AU
desc. node	-626 Sep 19 j 15:38	28°♍12'09	
evening rise	-626 Sep 20 j 17:15	29°♍53'21	
	-626 Sep 20 j 18:57	0°♎	
	-626 Oct 10 j 23:18	0°♏	
greatest brilliancy	-626 Oct 17 j 18:52	8°♏59'11	-0.4m
evening max el	-626 Oct 22 j 13:34	14°♏24'53	21°54'20
retrograde	-626 Oct 31 j 18:10	19°♏52'46	
evening set	-626 Nov 05 j 01:34	18°♏11'36	
asc. node	-626 Nov 06 j 12:47	16°♏50'29	
inferior conj	-626 Nov 10 j 10:59	11°♏52'43	1°19'18
minimum elong	-626 Nov 10 j 09:15	11°♏58'43	1°18'35
min. Earth dist.	-626 Nov 10 j 13:32	11°♏43'51	0.67557 AU
morning rise	-626 Nov 15 j 16:41	5°♏37'40	
direct	-626 Nov 20 j 12:05	3°♏37'15	
morning max el	-626 Nov 30 j 09:23	9°♏29'37	22°49'51
greatest brilliancy	-626 Dec 05 j 02:05	14°♏44'57	-0.3m
	-626 Dec 16 j 11:03	0°♐	
desc. node	-626 Dec 16 j 14:51	0°♐13'39	
morning set	-625 Jan 03 j 14:23	27°♐58'43	
	-625 Jan 04 j 19:40	0°♑	
max. Earth dist.	-625 Jan 08 j 09:14	6°♑01'18	1.40065 AU
superior conj	-625 Jan 16 j 03:43	19°♑45'49	-1°-58'-37
minimum elong	-625 Jan 16 j 05:36	19°♑54'26	1°58'34
	-625 Jan 21 j 15:54	0°♒	
evening rise	-625 Jan 25 j 22:26	8°♒07'02	
asc. node	-625 Feb 02 j 12:08	22°♒03'45	
	-625 Feb 07 j 14:43	0°♓	
evening max el	-625 Feb 11 j 03:14	4°♓06'35	18°26'24
retrograde	-625 Feb 18 j 13:53	7°♓46'20	
evening set	-625 Feb 21 j 00:36	7°♓23'47	
inferior conj	-625 Feb 28 j 09:28	2°♓49'34	3°19'39
minimum elong	-625 Feb 28 j 13:02	2°♓42'19	3°19'00
	-625 Mar 03 j 21:48	30°℞♒	
min. Earth dist.	-625 Mar 03 j 19:48	0°♓03'49	0.58779 AU
morning rise	-625 Mar 07 j 21:43	27°♒22'19	
direct	-625 Mar 14 j 01:48	25°♒43'20	
desc. node	-625 Mar 14 j 14:01	25°♒44'01	
	-625 Mar 24 j 13:03	0°♓	
morning max el	-625 Mar 28 j 09:31	3°♓22'03	26°51'41
	-625 Apr 16 j 17:21	0°♈	
morning set	-625 Apr 27 j 07:36	20°♈20'53	
asc. node	-625 May 01 j 11:26	29°♈14'23	
	-625 May 01 j 19:49	0°♉	
superior conj	-625 May 04 j 09:55	5°♉40'05	0°30'38
minimum elong	-625 May 04 j 08:35	5°♉32'50	0°30'22
max. Earth dist.	-625 May 04 j 08:14	5°♉30'52	1.32394 AU
evening rise	-625 May 11 j 09:17	20°♉44'56	
	-625 May 15 j 22:44	0°♊	
	-625 Jun 03 j 15:14	0°♋	
evening max el	-625 Jun 09 j 17:16	6°♋41'34	26°27'26
desc. node	-625 Jun 10 j 13:18	7°♋28'13	
retrograde	-625 Jun 23 j 17:36	13°♋56'05	
evening set	-625 Jun 30 j 06:49	12°♋08'12	
min. Earth dist.	-625 Jul 04 j 06:24	9°♋30'45	0.59775 AU
inferior conj	-625 Jul 07 j 14:38	6°♋52'21	-4°-39'-2
minimum elong	-625 Jul 07 j 16:13	6°♋49'12	4°38'59
morning rise	-625 Jul 15 j 04:57	2°♋15'51	
direct	-625 Jul 17 j 16:00	1°♋53'57	
morning max el	-625 Jul 25 j 05:41	5°♋33'18	18°17'56
asc. node	-625 Jul 28 j 10:38	9°♋11'18	
	-625 Aug 09 j 17:26	0°♌	
morning set	-625 Aug 10 j 04:40	0°♌53'15	
superior conj	-625 Aug 19 j 13:57	18°♌30'03	1°39'15
minimum elong	-625 Aug 19 j 16:53	18°♌43'26	1°39'04
	-625 Aug 26 j 01:19	0°♍	
max. Earth dist.	-625 Aug 27 j 02:59	1°♍50'21	1.40737 AU
evening rise	-625 Aug 31 j 22:07	9°♍52'39	
desc. node	-625 Sep 06 j 12:38	18°♍52'20	
	-625 Sep 13 j 19:46	0°♎	
greatest brilliancy	-625 Sep 29 j 01:52	20°♎59'19	-0.2m
evening max el	-625 Oct 05 j 04:41	27°♎54'43	23°13'35
	-625 Oct 07 j 09:58	0°♏	
retrograde	-625 Oct 15 j 11:48	4°♏00'26	
evening set	-625 Oct 20 j 08:35	2°♏00'53	
	-625 Oct 22 j 09:11	30°℞♎	
asc. node	-625 Oct 24 j 09:50	27°♎27'31	
inferior conj	-625 Oct 25 j 17:59	25°♎37'57	0°27'40
minimum elong	-625 Oct 25 j 17:20	25°♎40'11	0°27'23
min. Earth dist.	-625 Oct 25 j 10:04	26°♎05'10	0.67617 AU
morning rise	-625 Oct 31 j 02:07	19°♎26'09	
direct	-625 Nov 04 j 07:00	17°♎48'20	
morning max el	-625 Nov 13 j 00:19	22°♎55'19	21°26'14
greatest brilliancy	-625 Nov 18 j 03:32	28°♎48'33	-0.4m
	-625 Nov 19 j 02:03	0°♏	
desc. node	-625 Dec 03 j 11:52	20°♏21'45	
	-625 Dec 09 j 20:04	0°♐	
morning set	-625 Dec 14 j 04:55	6°♐49'17	
max. Earth dist.	-625 Dec 21 j 10:42	18°♐29'33	1.42070 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-625 Dec 28 j 06:45	0°♑	
superior conj	-625 Dec 28 j 20:35	0°♑59'41	-1°-59'-43
minimum elong	-625 Dec 28 j 18:47	0°♑51'55	1°59'42
evening rise	-624 Jan 08 j 23:56	20°♑51'28	
	-624 Jan 14 j 01:19	0°♒	
asc. node	-624 Jan 20 j 09:09	10°♒32'10	
evening max el	-624 Jan 25 j 12:50	17°♒03'28	18°09'08
retrograde	-624 Feb 01 j 07:09	20°♒30'18	
evening set	-624 Feb 03 j 21:57	19°♒59'44	
inferior conj	-624 Feb 10 j 16:07	15°♒03'40	3°48'00
minimum elong	-624 Feb 10 j 17:24	15°♒00'38	3°47'55
min. Earth dist.	-624 Feb 13 j 20:52	12°♒04'27	0.60864 AU
morning rise	-624 Feb 17 j 10:03	9°♒17'06	
direct	-624 Feb 24 j 05:25	7°♒02'15	
desc. node	-624 Feb 29 j 11:02	8°♒14'50	
morning max el	-624 Mar 09 j 10:02	14°♒50'12	27°36'57
	-624 Mar 21 j 16:59	0°♓	
	-624 Apr 08 j 02:51	0°♈	
morning set	-624 Apr 10 j 14:23	5°♈01'29	
max. Earth dist.	-624 Apr 16 j 20:33	18°♈20'42	1.32451 AU
asc. node	-624 Apr 17 j 08:28	19°♈25'48	
superior conj	-624 Apr 17 j 21:07	20°♈34'54	0°05'35
minimum elong	-624 Apr 17 j 20:52	20°♈33'30	0°05'33
behind sun begin	-624 Apr 17 j 16:06	20°♈07'28	
behind sun end	-624 Apr 18 j 01:38	20°♈59'33	
	-624 Apr 22 j 04:38	0°♉	
evening rise	-624 Apr 24 j 20:04	5°♉39'42	
	-624 May 07 j 18:12	0°♊	
evening max el	-624 May 21 j 11:50	17°♊51'35	25°13'27
desc. node	-624 May 27 j 10:18	22°♊30'56	
retrograde	-624 Jun 04 j 12:23	25°♊00'28	
evening set	-624 Jun 09 j 23:31	23°♊51'17	
min. Earth dist.	-624 Jun 14 j 23:35	21°♊05'30	0.57765 AU
inferior conj	-624 Jun 18 j 02:39	18°♊57'09	-4°-34'-34
minimum elong	-624 Jun 17 j 23:59	19°♊01'45	4°34'21
morning rise	-624 Jun 26 j 04:21	14°♊43'08	
direct	-624 Jun 28 j 17:10	14°♊23'53	
morning max el	-624 Jul 07 j 09:05	18°♊27'16	18°59'40
asc. node	-624 Jul 14 j 07:42	27°♊16'56	
	-624 Jul 15 j 23:43	0°♋	
morning set	-624 Jul 24 j 01:04	15°♋00'49	
	-624 Jul 31 j 16:09	0°♌	
superior conj	-624 Aug 01 j 12:28	1°♌37'46	1°47'04
minimum elong	-624 Aug 01 j 13:11	1°♌41'11	1°47'03
max. Earth dist.	-624 Aug 08 j 06:10	14°♌09'45	1.38727 AU
evening rise	-624 Aug 12 j 04:02	21°♌03'24	
	-624 Aug 17 j 11:42	0°♍	
desc. node	-624 Aug 23 j 09:41	9°♍23'42	
	-624 Sep 06 j 20:25	0°♎	
evening max el	-624 Sep 16 j 16:45	11°♎27'54	24°33'00
retrograde	-624 Sep 28 j 01:49	18°♎07'00	
evening set	-624 Oct 03 j 13:10	15°♎49'18	
min. Earth dist.	-624 Oct 08 j 05:34	10°♎27'36	0.67361 AU
inferior conj	-624 Oct 08 j 23:56	9°♎26'13	0°-26'-41
minimum elong	-624 Oct 09 j 00:35	9°♎24'01	0°26'25
asc. node	-624 Oct 10 j 06:52	7°♎44'14	
morning rise	-624 Oct 14 j 12:23	3°♎20'16	
direct	-624 Oct 18 j 04:21	2°♎03'08	
morning max el	-624 Oct 25 j 22:40	6°♎31'47	20°12'48
greatest brilliancy	-624 Nov 01 j 18:51	14°♎48'51	-0.6m
	-624 Nov 12 j 06:55	0°♏	
desc. node	-624 Nov 19 j 08:56	10°♏46'09	
morning set	-624 Nov 22 j 02:14	14°♏57'48	
	-624 Dec 01 j 16:12	0°♐	
max. Earth dist.	-624 Dec 02 j 19:33	1°♐49'20	1.43684 AU
superior conj	-624 Dec 08 j 11:21	10°♐59'58	-1°-44'-57
minimum elong	-624 Dec 08 j 04:54	10°♐33'30	1°44'31
	-624 Dec 19 j 17:42	0°♑	
evening rise	-624 Dec 21 j 08:30	2°♑47'45	
asc. node	-623 Jan 06 j 06:10	28°♑16'56	
	-623 Jan 07 j 18:52	0°♒	
evening max el	-623 Jan 08 j 01:02	0°♒15'46	18°11'17
retrograde	-623 Jan 14 j 13:11	3°♒43'11	
evening set	-623 Jan 17 j 08:02	3°♒03'40	
	-623 Jan 21 j 10:58	30°℞♑	
inferior conj	-623 Jan 23 j 14:53	27°♑46'51	3°51'09
minimum elong	-623 Jan 23 j 14:03	27°♑49'05	3°51'07
min. Earth dist.	-623 Jan 26 j 06:53	24°♑57'08	0.62847 AU
morning rise	-623 Jan 29 j 18:07	21°♑47'57	
direct	-623 Feb 05 j 18:09	19°♑07'29	
desc. node	-623 Feb 15 j 08:05	23°♑08'55	
morning max el	-623 Feb 19 j 16:08	26°♑59'01	27°45'24
	-623 Feb 22 j 12:49	0°♒	
	-623 Mar 15 j 07:37	0°♓	
morning set	-623 Mar 25 j 15:32	19°♓22'00	
	-623 Mar 30 j 18:35	0°♈	
max. Earth dist.	-623 Mar 31 j 04:25	0°♈52'19	1.32884 AU
superior conj	-623 Apr 02 j 06:08	5°♈19'13	0°-20'-43
minimum elong	-623 Apr 02 j 07:06	5°♈24'30	0°20'31
asc. node	-623 Apr 04 j 05:31	9°♈35'44	
evening rise	-623 Apr 09 j 07:52	20°♈33'28	
	-623 Apr 13 j 22:47	0°♉	
evening max el	-623 May 03 j 02:32	28°♉31'41	23°41'57
	-623 May 04 j 17:13	0°♊	
desc. node	-623 May 14 j 07:20	5°♊09'15	
retrograde	-623 May 16 j 19:27	5°♊23'33	
evening set	-623 May 20 j 20:05	4°♊47'46	
min. Earth dist.	-623 May 27 j 13:17	1°♊38'40	0.56109 AU
inferior conj	-623 May 29 j 18:32	0°♊18'16	-3°-50'-27
minimum elong	-623 May 29 j 11:59	0°♊28'13	3°49'04
	-623 May 30 j 06:37	30°℞♉	
morning rise	-623 Jun 07 j 07:31	26°♉20'33	
direct	-623 Jun 09 j 22:53	26°♉02'57	
	-623 Jun 19 j 06:34	0°♊	
morning max el	-623 Jun 20 j 02:50	0°♊45'04	20°02'15
asc. node	-623 Jul 01 j 04:45	16°♊03'05	
morning set	-623 Jul 08 j 04:37	29°♊30'43	
	-623 Jul 08 j 10:24	0°♋	
superior conj	-623 Jul 16 j 00:55	15°♋28'05	1°45'48
minimum elong	-623 Jul 15 j 23:54	15°♋22'56	1°45'46
max. Earth dist.	-623 Jul 21 j 10:20	26°♋00'42	1.36810 AU
	-623 Jul 23 j 13:16	0°♌	
evening rise	-623 Jul 25 j 09:06	3°♌21'22	
desc. node	-623 Aug 10 j 06:43	29°♌40'19	
	-623 Aug 10 j 11:58	0°♍	
evening max el	-623 Aug 30 j 04:03	25°♍03'41	25°45'27
	-623 Sep 05 j 05:29	0°♎	
retrograde	-623 Sep 11 j 11:25	2°♎06'42	
	-623 Sep 17 j 00:27	30°℞♍	
evening set	-623 Sep 17 j 13:26	29°♍33'31	
min. Earth dist.	-623 Sep 21 j 21:38	24°♍47'59	0.66774 AU
inferior conj	-623 Sep 23 j 03:02	23°♍14'20	-1°-22'-17
minimum elong	-623 Sep 23 j 05:06	23°♍07'46	1°21'27
asc. node	-623 Sep 27 j 03:55	18°♍37'22	
morning rise	-623 Sep 28 j 21:31	17°♍17'09	
direct	-623 Oct 02 j 02:44	16°♍17'25	
morning max el	-623 Oct 09 j 04:23	20°♍17'03	19°13'12
	-623 Oct 16 j 20:26	0°♎	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-623 Nov 01 j 06:24	23°♎34'14	
	-623 Nov 05 j 09:09	0°♏	
desc. node	-623 Nov 06 j 06:01	1°♏21'34	
max. Earth dist.	-623 Nov 15 j 10:23	15°♏46'20	1.44698 AU
superior conj	-623 Nov 18 j 00:38	19°♏52'31	-1°-12'-2
minimum elong	-623 Nov 17 j 16:42	19°♏21'05	1°11'11
	-623 Nov 24 j 08:41	0°♐	
evening rise	-623 Dec 02 j 19:50	13°♐48'14	
	-623 Dec 12 j 16:57	0°♑	
evening max el	-623 Dec 22 j 13:13	13°♑37'52	18°32'05
asc. node	-623 Dec 24 j 03:11	15°♑05'51	
retrograde	-623 Dec 29 j 03:39	17°♑16'57	
evening set	-622 Jan 01 j 03:24	16°♑27'13	
inferior conj	-622 Jan 07 j 01:51	10°♑51'42	3°36'17
minimum elong	-622 Jan 06 j 23:39	10°♑58'12	3°35'57
min. Earth dist.	-622 Jan 09 j 02:40	8°♑28'20	0.64543 AU
morning rise	-622 Jan 12 j 18:34	4°♑44'56	
direct	-622 Jan 19 j 14:28	1°♑53'51	
morning max el	-622 Feb 02 j 01:16	9°♑40'34	27°18'32
desc. node	-622 Feb 02 j 05:10	9°♑50'20	
	-622 Feb 18 j 00:50	0°♒	
	-622 Mar 07 j 16:14	0°♓	
morning set	-622 Mar 09 j 08:14	3°♓13'16	
max. Earth dist.	-622 Mar 14 j 03:52	12°♓53'39	1.33740 AU
superior conj	-622 Mar 17 j 11:03	19°♓47'02	0°-47'-15
minimum elong	-622 Mar 17 j 13:18	19°♓58'52	0°46'50
asc. node	-622 Mar 22 j 02:34	29°♓40'12	
	-622 Mar 22 j 06:17	0°♈	
evening rise	-622 Mar 24 j 18:52	5°♈20'04	
	-622 Apr 07 j 07:10	0°♉	
evening max el	-622 Apr 14 j 20:04	9°♉10'44	22°07'29
retrograde	-622 Apr 27 j 14:13	15°♉25'32	
evening set	-622 Apr 30 j 09:15	15°♉08'16	
desc. node	-622 May 01 j 04:20	14°♉57'20	
min. Earth dist.	-622 May 09 j 02:25	11°♉23'57	0.55153 AU
inferior conj	-622 May 09 j 18:12	11°♉01'43	-2°-21'-58
minimum elong	-622 May 09 j 12:03	11°♉10'23	2°20'02
morning rise	-622 May 18 j 16:26	7°♉06'36	
direct	-622 May 21 j 13:40	6°♉47'54	
morning max el	-622 Jun 02 j 09:29	12°♉20'30	21°24'14
	-622 Jun 15 j 05:00	0°♊	
asc. node	-622 Jun 18 j 01:51	5°♊20'03	
morning set	-622 Jun 22 j 12:54	14°♊16'41	
superior conj	-622 Jun 29 j 23:12	29°♊49'00	1°37'28
minimum elong	-622 Jun 29 j 21:06	29°♊38'08	1°37'18
	-622 Jun 30 j 01:19	0°♋	
max. Earth dist.	-622 Jul 03 j 21:50	7°♋52'28	1.35179 AU
evening rise	-622 Jul 08 j 08:36	16°♋34'25	
	-622 Jul 15 j 18:19	0°♌	
desc. node	-622 Jul 28 j 03:43	19°♌35'25	
	-622 Aug 04 j 21:43	0°♍	
evening max el	-622 Aug 12 j 15:54	8°♍37'45	26°42'56
retrograde	-622 Aug 25 j 15:51	15°♍53'21	
evening set	-622 Sep 01 j 07:14	13°♍10'13	
min. Earth dist.	-622 Sep 05 j 07:53	9°♍02'21	0.65844 AU
inferior conj	-622 Sep 07 j 01:19	6°♍59'07	-2°-17'-21
minimum elong	-622 Sep 07 j 04:44	6°♍49'00	2°16'05
morning rise	-622 Sep 13 j 03:25	1°♍13'51	
asc. node	-622 Sep 14 j 01:01	0°♍49'33	
direct	-622 Sep 16 j 00:17	0°♍27'47	
morning max el	-622 Sep 22 j 15:52	4°♍07'27	18°29'24
	-622 Oct 10 j 08:13	0°♎	
morning set	-622 Oct 12 j 11:41	3°♎27'44	
desc. node	-622 Oct 24 j 03:03	22°♎03'51	
superior conj	-622 Oct 28 j 01:00	28°♎14'25	0°-25'-22
minimum elong	-622 Oct 27 j 21:38	28°♎01'14	0°24'57
max. Earth dist.	-622 Oct 29 j 04:40	0°♏03'19	1.45004 AU
	-622 Oct 29 j 03:50	0°♏	
evening rise	-622 Nov 13 j 07:12	23°♏49'07	
	-622 Nov 17 j 05:04	0°♐	
greatest brilliancy	-622 Nov 25 j 04:39	12°♐29'37	-0.7m
evening max el	-622 Dec 05 j 22:55	27°♐04'28	19°10'18
	-622 Dec 09 j 11:33	0°♑	
asc. node	-622 Dec 11 j 00:14	0°♑43'52	
retrograde	-622 Dec 12 j 22:59	1°♑04'54	
evening set	-622 Dec 16 j 05:07	0°♑03'16	
	-622 Dec 16 j 07:11	30°℞♐	
inferior conj	-622 Dec 21 j 21:32	24°♐11'23	3°08'30
minimum elong	-622 Dec 21 j 18:44	24°♐20'17	3°07'49
min. Earth dist.	-622 Dec 23 j 07:28	22°♐23'48	0.65870 AU
morning rise	-622 Dec 27 j 07:29	17°♐59'35	
direct	-621 Jan 02 j 16:57	15°♐12'10	
morning max el	-621 Jan 15 j 10:43	22°♐42'05	26°22'35
desc. node	-621 Jan 20 j 02:14	27°♐47'47	
	-621 Jan 21 j 22:01	0°♑	
	-621 Feb 11 j 07:32	0°♒	
morning set	-621 Feb 20 j 12:36	16°♒22'34	
max. Earth dist.	-621 Feb 24 j 15:58	24°♒19'44	1.35056 AU
	-621 Feb 27 j 12:16	0°♓	
superior conj	-621 Mar 01 j 09:32	3°♓50'13	-1°-12'-45
minimum elong	-621 Mar 01 j 12:49	4°♓07'04	1°12'15
asc. node	-621 Mar 08 j 23:36	19°♓34'06	
evening rise	-621 Mar 09 j 03:09	19°♓52'25	
	-621 Mar 14 j 05:04	0°♈	
evening max el	-621 Mar 27 j 22:18	20°♈13'32	20°42'23
retrograde	-621 Apr 08 j 03:01	25°♈36'54	
evening set	-621 Apr 10 j 08:08	25°♈25'08	
desc. node	-621 Apr 18 j 01:23	22°♈17'54	
inferior conj	-621 Apr 19 j 12:37	21°♈27'49	0°-25'-9
minimum elong	-621 Apr 19 j 11:26	21°♈29'31	0°24'44
min. Earth dist.	-621 Apr 20 j 15:45	20°♈48'55	0.55119 AU
morning rise	-621 Apr 28 j 13:22	17°♈17'17	
direct	-621 May 02 j 00:51	16°♈51'07	
morning max el	-621 May 15 j 06:03	23°♈15'07	23°00'46
	-621 May 21 j 06:00	0°♉	
asc. node	-621 Jun 04 j 22:55	24°♉59'03	
morning set	-621 Jun 06 j 23:55	29°♉12'11	
	-621 Jun 07 j 09:03	0°♊	
superior conj	-621 Jun 14 j 04:04	14°♊30'10	1°23'39
minimum elong	-621 Jun 14 j 01:34	14°♊16'47	1°23'20
max. Earth dist.	-621 Jun 16 j 19:07	20°♊03'32	1.33910 AU
evening rise	-621 Jun 21 j 21:38	0°♋28'14	
	-621 Jun 21 j 15:56	0°♋	
	-621 Jul 08 j 18:39	0°♌	
desc. node	-621 Jul 15 j 00:43	8°♌59'49	
evening max el	-621 Jul 26 j 03:40	22°♌00'07	27°17'53
retrograde	-621 Aug 08 j 14:36	29°♌19'40	
evening set	-621 Aug 15 j 15:55	26°♌35'26	
min. Earth dist.	-621 Aug 19 j 09:54	23°♌04'28	0.64550 AU
inferior conj	-621 Aug 21 j 16:30	20°♌36'08	-3°-9'-25
minimum elong	-621 Aug 21 j 20:53	20°♌24'11	3°08'04
morning rise	-621 Aug 28 j 03:35	15°♌06'20	
direct	-621 Aug 30 j 18:37	14°♌30'26	
asc. node	-621 Aug 31 j 22:06	14°♌37'19	
morning max el	-621 Sep 06 j 06:47	17°♌58'34	18°02'34
	-621 Sep 15 j 01:17	0°♍	
morning set	-621 Sep 23 j 21:14	14°♍44'01	
	-621 Oct 03 j 01:09	0°♎	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-621 Oct 07 j 10:31	7°♎07'45	0°23'18
minimum elong	-621 Oct 07 j 13:13	7°♎18'38	0°22'55
desc. node	-621 Oct 11 j 00:04	12°♎49'56	
max. Earth dist.	-621 Oct 11 j 23:19	14°♎22'14	1.44572 AU
	-621 Oct 21 j 22:59	0°♏	
evening rise	-621 Oct 23 j 21:49	3°♏01'02	
	-621 Nov 10 j 20:03	0°♐	
greatest brilliancy	-621 Nov 12 j 05:22	1°♐56'35	-0.6m
evening max el	-621 Nov 19 j 04:08	10°♐32'40	20°04'11
retrograde	-621 Nov 26 j 20:26	15°♐02'46	
asc. node	-621 Nov 27 j 21:18	14°♐56'38	
evening set	-621 Nov 30 j 10:47	13°♐47'17	
inferior conj	-621 Dec 05 j 23:10	7°♐42'01	2°31'20
minimum elong	-621 Dec 05 j 20:24	7°♐51'14	2°30'26
min. Earth dist.	-621 Dec 06 j 19:42	6°♐33'23	0.66808 AU
morning rise	-621 Dec 11 j 05:27	1°♐27'12	
	-621 Dec 13 j 04:27	30°℞♏	
direct	-621 Dec 17 j 00:52	28°♏54'01	
	-621 Dec 21 j 06:04	0°♐	
morning max el	-621 Dec 28 j 19:27	5°♐54'06	25°06'29
desc. node	-620 Jan 06 j 23:17	16°♐39'09	
	-620 Jan 16 j 11:51	0°♑	
morning set	-620 Feb 02 j 23:40	28°♑36'00	
	-620 Feb 03 j 18:22	0°♒	
max. Earth dist.	-620 Feb 06 j 17:15	5°♒24'45	1.36804 AU
superior conj	-620 Feb 12 j 22:39	17°♒20'52	-1°-35'-22
minimum elong	-620 Feb 13 j 02:25	17°♒39'23	1°34'57
	-620 Feb 19 j 06:07	0°♓	
evening rise	-620 Feb 21 j 06:36	4°♓04'30	
asc. node	-620 Feb 23 j 20:37	9°♓12'49	
	-620 Mar 07 j 16:22	0°♈	
evening max el	-620 Mar 09 j 11:35	1°♈53'05	19°33'59
retrograde	-620 Mar 18 j 23:20	6°♈26'04	
evening set	-620 Mar 21 j 03:19	6°♈12'53	
inferior conj	-620 Mar 29 j 16:24	2°♈07'56	1°26'52
minimum elong	-620 Mar 29 j 19:49	2°♈02'28	1°25'46
min. Earth dist.	-620 Apr 01 j 06:03	0°♈29'49	0.56016 AU
	-620 Apr 02 j 01:35	30°℞♓	
desc. node	-620 Apr 03 j 22:25	28°♓56'32	
morning rise	-620 Apr 07 j 08:46	27°♓27'14	
direct	-620 Apr 11 j 20:03	26°♓42'19	
	-620 Apr 21 j 06:21	0°♈	
morning max el	-620 Apr 25 j 21:13	3°♈47'08	24°41'19
	-620 May 14 j 08:29	0°♉	
morning set	-620 May 21 j 11:56	14°♉11'28	
asc. node	-620 May 21 j 19:57	14°♉53'42	
superior conj	-620 May 28 j 13:08	29°♉23'48	1°05'34
minimum elong	-620 May 28 j 10:45	29°♉10'53	1°05'10
	-620 May 28 j 19:48	0°♊	
max. Earth dist.	-620 May 30 j 00:50	2°♊37'07	1.33024 AU
evening rise	-620 Jun 04 j 20:18	14°♊50'52	
	-620 Jun 12 j 17:24	0°♋	
desc. node	-620 Jun 30 j 21:44	27°♋40'13	
	-620 Jul 02 j 20:43	0°♌	
evening max el	-620 Jul 07 j 13:11	4°♌56'56	27°23'58
retrograde	-620 Jul 21 j 07:09	12°♌16'13	
evening set	-620 Jul 28 j 12:00	9°♌42'54	
min. Earth dist.	-620 Aug 01 j 01:59	6°♌43'19	0.62895 AU
inferior conj	-620 Aug 03 j 21:43	3°♌58'29	-3°-55'00
minimum elong	-620 Aug 04 j 02:16	3°♌47'22	3°53'59
	-620 Aug 08 j 12:20	30°℞♋	
morning rise	-620 Aug 10 j 18:53	28°♋47'35	
direct	-620 Aug 13 j 06:30	28°♋18'55	
asc. node	-620 Aug 17 j 19:10	29°♋55'40	
	-620 Aug 17 j 21:37	0°♌	
morning max el	-620 Aug 19 j 22:18	1°♌43'59	17°53'36
morning set	-620 Sep 05 j 06:07	27°♌06'58	
	-620 Sep 06 j 21:13	0°♍	
superior conj	-620 Sep 16 j 20:50	17°♍15'30	1°03'04
minimum elong	-620 Sep 17 j 01:57	17°♍36'58	1°02'28
max. Earth dist.	-620 Sep 23 j 14:47	28°♍22'40	1.43463 AU
	-620 Sep 24 j 14:56	0°♎	
desc. node	-620 Sep 26 j 21:05	3°♎36'23	
evening rise	-620 Oct 02 j 04:15	11°♎55'28	
	-620 Oct 14 j 02:47	0°♏	
greatest brilliancy	-620 Oct 26 j 20:55	17°♏51'31	-0.4m
evening max el	-620 Nov 01 j 03:33	24°♏00'21	21°11'12
retrograde	-620 Nov 09 j 17:46	29°♏06'33	
evening set	-620 Nov 13 j 18:21	27°♏35'11	
asc. node	-620 Nov 13 j 18:22	27°♏35'10	
inferior conj	-620 Nov 19 j 04:23	21°♏19'58	1°47'10
minimum elong	-620 Nov 19 j 02:10	21°♏27'36	1°46'19
min. Earth dist.	-620 Nov 19 j 13:06	20°♏49'57	0.67381 AU
morning rise	-620 Nov 24 j 09:38	15°♏04'16	
direct	-620 Nov 29 j 13:41	12°♏51'17	
morning max el	-620 Dec 10 j 04:15	19°♏10'32	23°40'11
	-620 Dec 19 j 07:47	0°♐	
desc. node	-620 Dec 23 j 20:19	6°♐08'19	
	-619 Jan 08 j 15:52	0°♑	
morning set	-619 Jan 14 j 11:12	9°♑36'49	
max. Earth dist.	-619 Jan 18 j 12:37	16°♑38'04	1.38845 AU
superior conj	-619 Jan 25 j 22:34	0°♒08'20	-1°-52'-32
minimum elong	-619 Jan 26 j 01:38	0°♒22'47	1°52'21
	-619 Jan 25 j 20:47	0°♒	
evening rise	-619 Feb 04 j 02:34	17°♒48'50	
asc. node	-619 Feb 09 j 17:39	28°♒30'29	
	-619 Feb 10 j 13:30	0°♓	
evening max el	-619 Feb 20 j 10:58	14°♓09'13	18°45'16
retrograde	-619 Feb 28 j 12:35	18°♓04'00	
evening set	-619 Mar 02 j 20:28	17°♓45'41	
inferior conj	-619 Mar 10 j 15:12	13°♓23'32	2°48'51
minimum elong	-619 Mar 10 j 19:34	13°♓15'24	2°47'48
min. Earth dist.	-619 Mar 13 j 22:54	10°♓56'31	0.57636 AU
morning rise	-619 Mar 18 j 14:33	8°♓10'46	
desc. node	-619 Mar 21 j 19:26	7°♓07'59	
direct	-619 Mar 24 j 05:00	6°♓53'42	
morning max el	-619 Apr 07 j 13:07	14°♓24'32	26°10'59
	-619 Apr 19 j 23:21	0°♈	
morning set	-619 May 05 j 23:19	29°♈09'07	
	-619 May 06 j 09:00	0°♉	
asc. node	-619 May 08 j 16:58	4°♉58'57	
superior conj	-619 May 13 j 00:25	14°♉23'28	0°44'10
minimum elong	-619 May 12 j 22:36	14°♉13'34	0°43'49
max. Earth dist.	-619 May 13 j 11:55	15°♉26'33	1.32512 AU
evening rise	-619 May 20 j 01:32	29°♉32'58	
	-619 May 20 j 06:45	0°♊	
	-619 Jun 05 j 22:07	0°♋	
desc. node	-619 Jun 17 j 18:44	15°♋18'18	
evening max el	-619 Jun 19 j 18:01	17°♋16'28	26°57'26
retrograde	-619 Jul 03 j 16:51	24°♋33'57	
evening set	-619 Jul 10 j 15:17	22°♋25'47	
min. Earth dist.	-619 Jul 14 j 07:53	19°♋45'08	0.60951 AU
inferior conj	-619 Jul 17 j 13:42	16°♋58'30	-4°-28'-32
minimum elong	-619 Jul 17 j 16:57	16°♋51'31	4°28'09
morning rise	-619 Jul 24 j 21:41	12°♋09'14	
direct	-619 Jul 27 j 08:14	11°♋45'29	
morning max el	-619 Aug 03 j 11:31	15°♋16'43	18°03'25
asc. node	-619 Aug 04 j 16:12	16°♋31'09	
	-619 Aug 13 j 16:25	0°♌	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-619 Aug 19 j 08:29	10°♌20'26	
superior conj	-619 Aug 29 j 10:21	28°♌44'03	1°29'43
minimum elong	-619 Aug 29 j 14:30	29°♌02'26	1°29'22
	-619 Aug 30 j 03:33	0°♍	
max. Earth dist.	-619 Sep 06 j 00:32	11°♍47'16	1.41828 AU
evening rise	-619 Sep 11 j 20:54	21°♍20'32	
desc. node	-619 Sep 13 j 18:06	24°♍20'09	
	-619 Sep 17 j 09:13	0°♎	
	-619 Oct 08 j 09:41	0°♏	
greatest brilliancy	-619 Oct 10 j 02:47	2°♏07'27	-0.3m
evening max el	-619 Oct 14 j 21:16	7°♏28'55	22°27'30
retrograde	-619 Oct 24 j 13:15	13°♏13'47	
evening set	-619 Oct 29 j 02:03	11°♏24'57	
asc. node	-619 Oct 31 j 15:24	8°♏48'16	
inferior conj	-619 Nov 03 j 11:16	5°♏03'36	0°57'49
minimum elong	-619 Nov 03 j 09:58	5°♏08'07	0°57'17
min. Earth dist.	-619 Nov 03 j 09:19	5°♏10'21	0.67622 AU
	-619 Nov 07 j 11:27	30℞♎	
morning rise	-619 Nov 08 j 17:45	28°♎49'23	
direct	-619 Nov 13 j 06:43	26°♎58'47	
	-619 Nov 19 j 21:50	0°♏	
morning max el	-619 Nov 22 j 15:55	2°♏31'55	22°13'14
greatest brilliancy	-619 Nov 27 j 08:12	7°♏47'53	-0.3m
desc. node	-619 Dec 10 j 17:21	26°♏04'44	
	-619 Dec 13 j 08:59	0°♐	
morning set	-619 Dec 25 j 18:00	19°♐13'13	
max. Earth dist.	-619 Dec 31 j 09:38	28°♐32'03	1.40947 AU
	-618 Jan 01 j 06:29	0°♑	
superior conj	-618 Jan 08 j 04:23	12°♑00'28	-2°00'-45
minimum elong	-618 Jan 08 j 04:57	12°♑03'00	2°00'46
	-618 Jan 17 j 23:36	0°♒	
evening rise	-618 Jan 18 j 11:55	0°♒57'35	
asc. node	-618 Jan 27 j 14:41	17°♒19'41	
evening max el	-618 Feb 03 j 17:48	26°♒54'19	18°16'41
	-618 Feb 08 j 08:00	0°♓	
retrograde	-618 Feb 10 j 20:16	0°♓26'46	
evening set	-618 Feb 13 j 08:40	0°♓01'03	
	-618 Feb 13 j 09:56	30℞♒	
inferior conj	-618 Feb 20 j 10:54	25°♒17'52	3°35'16
minimum elong	-618 Feb 20 j 13:33	25°♒12'07	3°34'55
min. Earth dist.	-618 Feb 23 j 20:20	22°♒22'57	0.59658 AU
morning rise	-618 Feb 27 j 15:00	19°♒41'14	
direct	-618 Mar 06 j 02:57	17°♒45'52	
desc. node	-618 Mar 08 j 16:29	18°♒03'11	
morning max el	-618 Mar 20 j 09:54	25°♒30'11	27°15'16
	-618 Mar 24 j 14:12	0°♓	
	-618 Apr 13 j 06:27	0°♈	
morning set	-618 Apr 20 j 08:19	13°♈57'53	
asc. node	-618 Apr 25 j 13:59	25°♈09'27	
max. Earth dist.	-618 Apr 27 j 00:44	28°♈19'30	1.32366 AU
superior conj	-618 Apr 27 j 12:07	29°♈22'00	0°20'14
minimum elong	-618 Apr 27 j 11:14	29°♈17'05	0°20'02
	-618 Apr 27 j 19:03	0°♉	
evening rise	-618 May 04 j 10:53	14°♉25'20	
	-618 May 12 j 07:46	0°♊	
evening max el	-618 Jun 01 j 16:26	28°♊51'35	25°59'02
	-618 Jun 02 j 22:08	0°♋	
desc. node	-618 Jun 04 j 15:45	1°♋27'19	
retrograde	-618 Jun 15 j 17:56	6°♋04'57	
evening set	-618 Jun 21 j 21:15	4°♋33'30	
min. Earth dist.	-618 Jun 26 j 05:08	1°♋54'21	0.58893 AU
	-618 Jun 28 j 18:51	30℞♊	
inferior conj	-618 Jun 29 j 12:50	29°♊26'08	-4°-41'-18
minimum elong	-618 Jun 29 j 12:47	29°♊26'14	4°41'18
morning rise	-618 Jul 07 j 07:58	24°♊59'24	
direct	-618 Jul 09 j 19:27	24°♊38'52	
morning max el	-618 Jul 17 j 19:20	28°♊27'15	18°33'08
	-618 Jul 19 j 07:22	0°♋	
asc. node	-618 Jul 22 j 13:14	4°♋07'43	
morning set	-618 Aug 02 j 23:23	24°♋10'52	
	-618 Aug 05 j 23:37	0°♌	
superior conj	-618 Aug 11 j 22:25	11°♌19'37	1°43'49
minimum elong	-618 Aug 12 j 00:23	11°♌28'47	1°43'43
max. Earth dist.	-618 Aug 19 j 05:05	24°♌28'31	1.39885 AU
	-618 Aug 22 j 10:11	0°♍	
evening rise	-618 Aug 23 j 12:14	1°♍49'48	
desc. node	-618 Aug 31 j 15:08	14°♍57'15	
	-618 Sep 10 j 17:15	0°♎	
evening max el	-618 Sep 27 j 10:53	21°♎00'38	23°47'50
retrograde	-618 Oct 08 j 05:31	27°♎21'37	
evening set	-618 Oct 13 j 08:16	25°♎14'30	
min. Earth dist.	-618 Oct 18 j 05:50	19°♎32'44	0.67544 AU
inferior conj	-618 Oct 18 j 18:05	18°♎51'01	0°04'53
minimum elong	-618 Oct 18 j 17:58	18°♎51'26	0°04'50
transit middle	-618 Oct 18 j 17:58	18°♎51'26	0°04'50
transit begin	-618 Oct 18 j 15:23	19°♎00'16	
transit end	-618 Oct 18 j 20:34	18°♎42'36	
asc. node	-618 Oct 18 j 12:26	19°♎10'16	
morning rise	-618 Oct 24 j 03:49	12°♎41'07	
direct	-618 Oct 28 j 02:59	11°♎12'15	
morning max el	-618 Nov 05 j 09:46	16°♎02'05	20°53'25
greatest brilliancy	-618 Nov 11 j 03:38	22°♎45'33	-0.5m
	-618 Nov 16 j 11:33	0°♏	
desc. node	-618 Nov 27 j 14:24	16°♏20'56	
morning set	-618 Dec 04 j 22:53	27°♏39'03	
	-618 Dec 06 j 10:54	0°♐	
max. Earth dist.	-618 Dec 13 j 14:01	11°♐23'07	1.42819 AU
superior conj	-618 Dec 20 j 10:44	22°♐45'08	-1°-55'-38
minimum elong	-618 Dec 20 j 06:55	22°♐29'00	1°55'29
	-618 Dec 24 j 16:28	0°♑	
evening rise	-617 Jan 01 j 06:48	13°♑23'08	
	-617 Jan 10 j 20:02	0°♒	
asc. node	-617 Jan 14 j 11:44	5°♒31'42	
evening max el	-617 Jan 18 j 05:00	9°♒59'56	18°07'45
retrograde	-617 Jan 24 j 19:24	13°♒25'06	
evening set	-617 Jan 27 j 11:58	12°♒50'46	
inferior conj	-617 Feb 03 j 00:57	7°♒45'54	3°51'54
minimum elong	-617 Feb 03 j 01:16	7°♒45'07	3°51'54
min. Earth dist.	-617 Feb 06 j 00:57	4°♒48'10	0.61738 AU
morning rise	-617 Feb 09 j 12:10	1°♒53'42	
	-617 Feb 13 j 02:39	30℞♑	
direct	-617 Feb 16 j 10:59	29°♑26'05	
	-617 Feb 19 j 22:28	0°♒	
desc. node	-617 Feb 23 j 13:32	1°♒39'59	
morning max el	-617 Mar 02 j 12:51	7°♒15'59	27°45'00
	-617 Mar 19 j 20:28	0°♓	
morning set	-617 Apr 04 j 13:00	28°♓31'05	
	-617 Apr 05 j 06:20	0°♈	
max. Earth dist.	-617 Apr 10 j 11:34	11°♈03'11	1.32590 AU
superior conj	-617 Apr 11 j 22:38	14°♈13'32	0°-5'-28
minimum elong	-617 Apr 11 j 22:54	14°♈14'56	0°05'25
behind sun begin	-617 Apr 11 j 18:04	13°♈48'39	
behind sun end	-617 Apr 12 j 03:43	14°♈41'13	
asc. node	-617 Apr 12 j 11:02	15°♈21'05	
evening rise	-617 Apr 18 j 22:22	29°♈20'56	
	-617 Apr 19 j 05:46	0°♉	
	-617 May 06 j 02:35	0°♊	
evening max el	-617 May 14 j 08:59	9°♊46'56	24°35'51

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-617 May 22 j 12:46	15°♊33'13	
retrograde	-617 May 28 j 07:38	16°♊49'45	
evening set	-617 Jun 02 j 04:25	15°♊56'26	
min. Earth dist.	-617 Jun 07 j 20:32	13°♊02'11	0.57001 AU
inferior conj	-617 Jun 10 j 16:16	11°♊12'48	-4°-21'-18
minimum elong	-617 Jun 10 j 11:40	11°♊20'16	4°20'41
morning rise	-617 Jun 18 j 22:45	7°♊06'26	
direct	-617 Jun 21 j 12:36	6°♊47'57	
morning max el	-617 Jun 30 j 18:47	11°♊06'16	19°23'42
asc. node	-617 Jul 09 j 10:17	22°♊31'49	
	-617 Jul 13 j 14:46	0°♋	
morning set	-617 Jul 17 j 23:09	8°♋28'43	
superior conj	-617 Jul 26 j 03:22	24°♋46'32	1°47'31
minimum elong	-617 Jul 26 j 03:16	24°♋46'01	1°47'30
	-617 Jul 28 j 20:14	0°♌	
max. Earth dist.	-617 Aug 01 j 08:10	6°♌33'45	1.37891 AU
evening rise	-617 Aug 05 j 04:29	13°♌30'10	
	-617 Aug 15 j 01:05	0°♍	
desc. node	-617 Aug 18 j 12:10	5°♍22'58	
	-617 Sep 05 j 15:31	0°♎	
evening max el	-617 Sep 09 j 22:34	4°♎35'44	25°05'17
retrograde	-617 Sep 21 j 17:34	11°♎25'37	
evening set	-617 Sep 27 j 11:14	9°♎01'03	
min. Earth dist.	-617 Oct 02 j 00:10	3°♎54'29	0.67151 AU
inferior conj	-617 Oct 02 j 23:03	2°♎39'25	0°-50'-13
minimum elong	-617 Oct 03 j 00:18	2°♎35'19	0°49'42
asc. node	-617 Oct 05 j 09:30	29°♍35'33	
	-617 Oct 05 j 01:14	30°℞♍	
morning rise	-617 Oct 08 j 13:51	26°♍36'48	
direct	-617 Oct 12 j 01:04	25°♍27'18	
morning max el	-617 Oct 19 j 11:17	29°♍42'05	19°45'38
	-617 Oct 19 j 18:16	0°♎	
greatest brilliancy	-617 Oct 27 j 10:19	9°♎39'05	-0.6m
	-617 Nov 10 j 01:03	0°♏	
morning set	-617 Nov 13 j 20:03	5°♏50'52	
desc. node	-617 Nov 14 j 11:27	6°♏50'31	
max. Earth dist.	-617 Nov 26 j 02:13	25°♏02'46	1.44200 AU
	-617 Nov 29 j 04:36	0°♐	
superior conj	-617 Nov 30 j 14:03	2°♐14'40	-1°-33'-11
minimum elong	-617 Nov 30 j 06:17	1°♐43'18	1°32'29
evening rise	-617 Dec 14 j 06:50	24°♐56'40	
	-617 Dec 17 j 06:20	0°♑	
asc. node	-616 Jan 01 j 08:47	22°♑54'42	
evening max el	-616 Jan 01 j 17:34	23°♑17'24	18°17'53
retrograde	-616 Jan 08 j 05:33	26°♑48'15	
evening set	-616 Jan 11 j 02:27	26°♑04'23	
inferior conj	-616 Jan 17 j 05:23	20°♑39'07	3°46'40
minimum elong	-616 Jan 17 j 03:52	20°♑43'21	3°46'32
min. Earth dist.	-616 Jan 19 j 14:53	17°♑59'24	0.63617 AU
morning rise	-616 Jan 23 j 03:41	14°♑36'41	
direct	-616 Jan 30 j 02:55	11°♑50'08	
desc. node	-616 Feb 10 j 10:36	17°♑24'02	
morning max el	-616 Feb 12 j 20:31	19°♑39'47	27°38'00
	-616 Feb 21 j 17:08	0°♒	
	-616 Mar 11 j 19:13	0°♓	
morning set	-616 Mar 18 j 10:56	12°♓40'08	
max. Earth dist.	-616 Mar 23 j 16:28	23°♓23'43	1.33203 AU
superior conj	-616 Mar 26 j 06:10	28°♓51'30	0°-32'00
minimum elong	-616 Mar 26 j 07:41	28°♓59'39	0°31'42
	-616 Mar 26 j 18:56	0°♈	
asc. node	-616 Mar 29 j 08:06	5°♈29'16	
evening rise	-616 Apr 02 j 10:04	14°♈12'35	
	-616 Apr 10 j 10:16	0°♉	
evening max el	-616 Apr 24 j 23:59	20°♉22'36	23°01'11
retrograde	-616 May 08 j 08:48	27°♉00'50	
desc. node	-616 May 08 j 09:46	27°♉00'49	
evening set	-616 May 11 j 19:44	26°♉34'41	
min. Earth dist.	-616 May 19 j 09:24	23°♉12'28	0.55605 AU
inferior conj	-616 May 21 j 00:18	22°♉16'05	-3°-17'-56
minimum elong	-616 May 20 j 17:13	22°♉26'22	3°16'05
morning rise	-616 May 29 j 17:43	18°♉21'49	
direct	-616 Jun 01 j 11:12	18°♉04'08	
morning max el	-616 Jun 12 j 07:46	23°♉06'08	20°35'00
	-616 Jun 18 j 05:54	0°♊	
asc. node	-616 Jun 25 j 07:22	11°♊32'19	
morning set	-616 Jul 01 j 05:00	23°♊06'44	
	-616 Jul 04 j 13:10	0°♋	
superior conj	-616 Jul 08 j 20:28	8°♋51'32	1°43'01
minimum elong	-616 Jul 08 j 18:54	8°♋43'34	1°42'57
max. Earth dist.	-616 Jul 13 j 15:15	18°♋23'43	1.36073 AU
evening rise	-616 Jul 17 j 18:01	26°♋13'20	
	-616 Jul 19 j 19:30	0°♌	
desc. node	-616 Aug 04 j 09:10	25°♌31'45	
	-616 Aug 07 j 11:29	0°♍	
evening max el	-616 Aug 22 j 10:04	18°♍11'55	26°12'12
retrograde	-616 Sep 04 j 00:53	25°♍21'09	
evening set	-616 Sep 10 j 09:02	22°♍42'40	
min. Earth dist.	-616 Sep 14 j 13:54	18°♍13'23	0.66423 AU
inferior conj	-616 Sep 16 j 00:21	16°♍26'41	-1°-45'-49
minimum elong	-616 Sep 16 j 03:00	16°♍18'27	1°44'47
asc. node	-616 Sep 21 j 06:34	10°♍58'53	
morning rise	-616 Sep 21 j 21:54	10°♍34'25	
direct	-616 Sep 24 j 23:19	9°♍40'55	
morning max el	-616 Oct 01 j 19:47	13°♍30'37	18°52'40
	-616 Oct 13 j 21:17	0°♎	
morning set	-616 Oct 23 j 09:39	14°♎57'29	
desc. node	-616 Oct 31 j 08:31	27°♎29'32	
	-616 Nov 01 j 22:49	0°♏	
max. Earth dist.	-616 Nov 07 j 19:21	9°♏12'24	1.44919 AU
superior conj	-616 Nov 08 j 19:26	10°♏47'08	0°-53'-20
minimum elong	-616 Nov 08 j 12:48	10°♏21'03	0°52'33
	-616 Nov 20 j 21:39	0°♐	
evening rise	-616 Nov 24 j 08:09	5°♐32'16	
	-616 Dec 09 j 20:35	0°♑	
evening max el	-616 Dec 15 j 04:55	6°♑41'38	18°46'12
asc. node	-616 Dec 18 j 05:50	9°♑15'26	
retrograde	-616 Dec 21 j 22:37	10°♑28'56	
evening set	-616 Dec 25 j 00:52	9°♑34'18	
inferior conj	-616 Dec 30 j 20:27	3°♑51'10	3°25'50
minimum elong	-616 Dec 30 j 17:55	3°♑58'57	3°25'21
min. Earth dist.	-615 Jan 01 j 14:42	1°♑42'29	0.65155 AU
	-615 Jan 03 j 02:09	30°℞♐	
morning rise	-615 Jan 05 j 09:52	27°♐41'49	
direct	-615 Jan 12 j 01:44	24°♐51'02	
	-615 Jan 22 j 13:19	0°♑	
morning max el	-615 Jan 25 j 06:19	2°♑32'13	26°57'51
desc. node	-615 Jan 27 j 07:41	4°♑41'06	
	-615 Feb 14 j 22:48	0°♒	
morning set	-615 Mar 01 j 22:56	26°♒15'19	
	-615 Mar 03 j 21:11	0°♓	
max. Earth dist.	-615 Mar 06 j 11:37	5°♓11'13	1.34248 AU
superior conj	-615 Mar 10 j 08:39	13°♓09'37	0°-58'-18
minimum elong	-615 Mar 10 j 11:22	13°♓23'52	0°57'49
asc. node	-615 Mar 16 j 05:09	25°♓29'51	
evening rise	-615 Mar 17 j 20:10	28°♓54'03	
	-615 Mar 18 j 08:53	0°♈	
	-615 Apr 05 j 17:11	0°♉	
evening max el	-615 Apr 06 j 20:28	1°♉08'34	21°29'27

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-615 Apr 19 j 00:11	7°♉03'10	
evening set	-615 Apr 21 j 11:11	6°♉49'25	
desc. node	-615 Apr 25 j 06:49	5°♉39'03	
inferior conj	-615 Apr 30 j 19:58	2°♉48'29	-1°-34'-4
minimum elong	-615 Apr 30 j 15:36	2°♉54'37	1°32'33
min. Earth dist.	-615 Apr 30 j 22:24	2°♉45'04	0.55016 AU
	-615 May 06 j 06:36	30°℞♈	
morning rise	-615 May 09 j 20:29	28°♈49'22	
direct	-615 May 12 j 22:14	28°♈28'44	
	-615 May 19 j 05:35	0°♉	
morning max el	-615 May 25 j 09:56	4°♉23'39	22°04'09
	-615 Jun 11 j 16:20	0°♊	
asc. node	-615 Jun 12 j 04:26	0°♊59'30	
morning set	-615 Jun 15 j 14:40	7°♊57'39	
superior conj	-615 Jun 22 j 21:54	23°♊22'31	1°32'12
minimum elong	-615 Jun 22 j 19:34	23°♊10'12	1°31'58
	-615 Jun 26 j 02:26	0°♋	
max. Earth dist.	-615 Jun 26 j 06:41	0°♋21'47	1.34584 AU
evening rise	-615 Jun 30 j 23:47	9°♋45'15	
	-615 Jul 12 j 06:45	0°♌	
desc. node	-615 Jul 22 j 06:10	15°♌15'19	
	-615 Aug 03 j 05:04	0°♍	
evening max el	-615 Aug 04 j 21:46	1°♍41'35	27°00'55
retrograde	-615 Aug 18 j 03:04	9°♍00'24	
evening set	-615 Aug 24 j 23:19	6°♍15'09	
min. Earth dist.	-615 Aug 28 j 20:48	2°♍23'33	0.65337 AU
inferior conj	-615 Aug 30 j 19:53	0°♍08'31	-2°-39'-57
minimum elong	-615 Aug 30 j 23:46	29°♌57'22	2°38'38
	-615 Aug 30 j 22:51	30°℞♌	
morning rise	-615 Sep 06 j 01:40	24°♌29'42	
asc. node	-615 Sep 08 j 03:37	23°♌50'57	
direct	-615 Sep 08 j 19:41	23°♌48'30	
morning max el	-615 Sep 15 j 09:06	27°♌22'20	18°15'54
	-615 Sep 17 j 17:02	0°♍	
morning set	-615 Oct 04 j 03:09	25°♍26'44	
	-615 Oct 06 j 21:49	0°♎	
desc. node	-615 Oct 18 j 05:32	18°♎13'46	
superior conj	-615 Oct 18 j 20:58	19°♎14'53	0°-4'-13
minimum elong	-615 Oct 18 j 20:25	19°♎12'44	0°04'10
behind sun begin	-615 Oct 18 j 09:40	18°♎30'08	
behind sun end	-615 Oct 19 j 07:10	19°♎55'19	
max. Earth dist.	-615 Oct 21 j 13:48	23°♎30'57	1.44903 AU
	-615 Oct 25 j 16:53	0°♏	
evening rise	-615 Nov 04 j 09:44	15°♏09'27	
	-615 Nov 13 j 23:03	0°♐	
greatest brilliancy	-615 Nov 19 j 23:57	9°♐05'48	-0.7m
evening max el	-615 Nov 28 j 12:49	20°♐08'43	19°31'27
asc. node	-615 Dec 05 j 02:52	24°♐18'42	
retrograde	-615 Dec 05 j 19:15	24°♐21'20	
evening set	-615 Dec 09 j 04:31	23°♐14'14	
inferior conj	-615 Dec 14 j 18:59	17°♐16'11	2°53'46
minimum elong	-615 Dec 14 j 16:08	17°♐25'29	2°52'57
min. Earth dist.	-615 Dec 15 j 23:03	15°♐44'50	0.66308 AU
morning rise	-615 Dec 20 j 03:00	11°♐02'35	
direct	-615 Dec 26 j 06:43	8°♐20'05	
morning max el	-614 Jan 07 j 15:40	15°♐39'57	25°52'09
desc. node	-614 Jan 14 j 04:45	23°♐03'58	
	-614 Jan 19 j 12:15	0°♑	
	-614 Feb 07 j 19:09	0°♒	
morning set	-614 Feb 12 j 20:45	9°♒03'47	
max. Earth dist.	-614 Feb 16 j 18:44	16°♒25'37	1.35743 AU
superior conj	-614 Feb 22 j 03:35	27°♒00'35	-1°-22'-50
minimum elong	-614 Feb 22 j 07:10	27°♒18'41	1°22'20
	-614 Feb 23 j 14:59	0°♓	

evening rise	-614 Mar 02 j 02:42	13°♓19'02	
asc. node	-614 Mar 03 j 02:12	15°♓18'21	
	-614 Mar 10 j 21:07	0°♈	
evening max el	-614 Mar 20 j 03:27	12°♈27'24	20°11'03
retrograde	-614 Mar 30 j 14:49	17°♈28'30	
evening set	-614 Apr 01 j 18:04	17°♈16'53	
inferior conj	-614 Apr 10 j 16:54	13°♈18'17	0°24'47
minimum elong	-614 Apr 10 j 18:01	13°♈16'37	0°24'24
desc. node	-614 Apr 12 j 03:51	12°♈26'10	
min. Earth dist.	-614 Apr 12 j 12:31	12°♈13'23	0.55389 AU
morning rise	-614 Apr 19 j 15:22	8°♈55'35	
direct	-614 Apr 23 j 11:51	8°♈23'06	
morning max el	-614 May 07 j 03:42	15°♈07'07	23°43'46
	-614 May 18 j 19:59	0°♉	
asc. node	-614 May 30 j 01:29	20°♉46'09	
morning set	-614 May 31 j 02:19	22°♉55'42	
	-614 Jun 03 j 09:57	0°♊	
superior conj	-614 Jun 07 j 04:52	8°♊10'28	1°16'27
minimum elong	-614 Jun 07 j 02:21	7°♊56'57	1°16'06
max. Earth dist.	-614 Jun 09 j 07:37	12°♊41'56	1.33486 AU
evening rise	-614 Jun 14 j 17:23	23°♊53'10	
	-614 Jun 17 j 20:10	0°♋	
	-614 Jul 05 j 21:28	0°♌	
desc. node	-614 Jul 09 j 03:09	4°♌22'57	
evening max el	-614 Jul 18 j 08:47	14°♌54'28	27°24'16
retrograde	-614 Jul 31 j 23:28	22°♌14'56	
evening set	-614 Aug 08 j 03:06	19°♌33'44	
min. Earth dist.	-614 Aug 11 j 18:53	16°♌16'57	0.63886 AU
inferior conj	-614 Aug 14 j 07:10	13°♌40'04	-3°-29'-50
minimum elong	-614 Aug 14 j 11:46	13°♌28'06	3°28'35
morning rise	-614 Aug 20 j 22:26	8°♌17'52	
direct	-614 Aug 23 j 11:35	7°♌45'30	
asc. node	-614 Aug 26 j 00:41	8°♌18'08	
morning max el	-614 Aug 30 j 00:36	11°♌11'38	17°56'26
	-614 Sep 11 j 18:38	0°♍	
morning set	-614 Sep 15 j 23:19	7°♍12'59	
superior conj	-614 Sep 28 j 15:54	28°♍36'34	0°41'39
minimum elong	-614 Sep 28 j 20:09	28°♍53'58	0°41'06
	-614 Sep 29 j 12:19	0°♎	
max. Earth dist.	-614 Oct 04 j 06:48	7°♎41'34	1.44174 AU
desc. node	-614 Oct 05 j 02:31	9°♎00'08	
evening rise	-614 Oct 14 j 18:36	24°♎07'38	
	-614 Oct 18 j 14:31	0°♏	
greatest brilliancy	-614 Nov 05 j 13:13	26°♏16'14	-0.5m
	-614 Nov 08 j 11:09	0°♐	
evening max el	-614 Nov 11 j 15:38	3°♐36'28	20°31'25
retrograde	-614 Nov 19 j 16:46	8°♐21'23	
asc. node	-614 Nov 21 j 23:55	7°♐51'15	
evening set	-614 Nov 23 j 11:10	6°♐59'34	
inferior conj	-614 Nov 28 j 22:22	0°♐49'52	2°13'21
minimum elong	-614 Nov 28 j 19:47	0°♐58'38	2°12'26
min. Earth dist.	-614 Nov 29 j 13:48	29°♏57'29	0.67090 AU
	-614 Nov 29 j 13:04	30°℞♏	
morning rise	-614 Dec 04 j 03:54	24°♏34'19	
direct	-614 Dec 09 j 16:55	22°♏08'54	
morning max el	-614 Dec 20 j 23:55	28°♏52'59	24°30'25
	-614 Dec 22 j 01:51	0°♐	
desc. node	-613 Jan 01 j 01:47	12°♐12'45	
	-613 Jan 13 j 07:34	0°♑	
morning set	-613 Jan 25 j 22:33	20°♑48'09	
max. Earth dist.	-613 Jan 29 j 16:06	27°♑27'27	1.37640 AU
	-613 Jan 31 j 01:28	0°♒	
superior conj	-613 Feb 05 j 11:37	10°♒14'16	-1°-43'-30
minimum elong	-613 Feb 05 j 15:15	10°♒31'54	1°43'10

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening rise	-613 Feb 14 j 03:17	27°♒19'50	
	-613 Feb 15 j 11:42	0°♓	
asc. node	-613 Feb 17 j 23:13	4°♓48'48	
evening max el	-613 Mar 02 j 21:25	24°♓23'41	19°10'55
retrograde	-613 Mar 11 j 17:13	28°♓38'02	
evening set	-613 Mar 13 j 22:45	28°♓22'58	
inferior conj	-613 Mar 22 j 04:04	24°♓11'50	2°05'59
minimum elong	-613 Mar 22 j 08:21	24°♓04'33	2°04'43
min. Earth dist.	-613 Mar 25 j 03:46	22°♓10'53	0.56636 AU
desc. node	-613 Mar 30 j 00:54	19°♓29'58	
morning rise	-613 Mar 30 j 13:55	19°♓17'05	
direct	-613 Apr 04 j 13:14	18°♓19'37	
morning max el	-613 Apr 18 j 18:15	25°♓37'16	25°21'31
	-613 Apr 22 j 20:39	0°♈	
	-613 May 11 j 17:28	0°♉	
morning set	-613 May 15 j 14:15	7°♉54'40	
asc. node	-613 May 16 j 22:31	10°♉45'42	
superior conj	-613 May 22 j 15:06	23°♉07'16	0°56'51
minimum elong	-613 May 22 j 12:54	22°♉55'20	0°56'28
max. Earth dist.	-613 May 23 j 16:03	25°♉23'17	1.32769 AU
	-613 May 25 j 19:13	0°♊	
evening rise	-613 May 29 j 19:12	8°♊25'18	
	-613 Jun 10 j 06:15	0°♋	
desc. node	-613 Jun 26 j 00:10	22°♋39'29	
evening max el	-613 Jun 30 j 16:53	27°♋37'35	27°16'47
	-613 Jul 03 j 09:23	0°♌	
retrograde	-613 Jul 14 j 13:15	4°♌55'37	
evening set	-613 Jul 21 j 16:36	2°♌31'44	
	-613 Jul 24 j 22:29	30°℞♋	
min. Earth dist.	-613 Jul 25 j 06:46	29°♋41'43	0.62098 AU
inferior conj	-613 Jul 28 j 07:13	26°♋54'17	-4°-11'-10
minimum elong	-613 Jul 28 j 11:26	26°♋44'29	4°10'24
morning rise	-613 Aug 04 j 08:53	21°♋51'56	
direct	-613 Aug 06 j 19:47	21°♋25'33	
asc. node	-613 Aug 12 j 21:44	24°♋10'56	
morning max el	-613 Aug 13 j 15:27	24°♋52'15	17°55'19
	-613 Aug 17 j 20:55	0°♌	
morning set	-613 Aug 29 j 16:23	19°♌59'42	
	-613 Sep 04 j 06:05	0°♍	
superior conj	-613 Sep 09 j 14:04	9°♍19'20	1°16'01
minimum elong	-613 Sep 09 j 19:04	9°♍40'44	1°15'29
max. Earth dist.	-613 Sep 16 j 20:15	21°♍29'26	1.42826 AU
desc. node	-613 Sep 21 j 23:31	29°♍45'51	
	-613 Sep 22 j 03:06	0°♎	
evening rise	-613 Sep 24 j 03:21	3°♎10'08	
	-613 Oct 12 j 01:58	0°♏	
greatest brilliancy	-613 Oct 20 j 15:54	11°♏31'29	-0.4m
evening max el	-613 Oct 25 j 12:41	17°♏05'02	21°42'53
retrograde	-613 Nov 03 j 13:22	22°♏27'00	
evening set	-613 Nov 07 j 18:59	20°♏48'23	
asc. node	-613 Nov 08 j 20:57	19°♏51'05	
inferior conj	-613 Nov 13 j 04:31	14°♏30'20	1°26'46
minimum elong	-613 Nov 13 j 02:38	14°♏36'49	1°26'01
min. Earth dist.	-613 Nov 13 j 08:37	14°♏16'08	0.67526 AU
morning rise	-613 Nov 18 j 10:02	8°♏15'09	
direct	-613 Nov 23 j 07:42	6°♏11'28	
morning max el	-613 Dec 03 j 09:22	12°♏10'36	23°02'48
greatest brilliancy	-613 Dec 08 j 05:42	17°♏36'14	-0.3m
	-613 Dec 17 j 14:30	0°♐	
desc. node	-613 Dec 18 j 22:49	1°♐54'36	
	-612 Jan 06 j 04:35	0°♑	
morning set	-612 Jan 06 j 22:11	1°♑12'55	
max. Earth dist.	-612 Jan 11 j 11:29	8°♑55'35	1.39753 AU
superior conj	-612 Jan 19 j 04:29	22°♑39'46	-1°-57'-21
minimum elong	-612 Jan 19 j 06:45	22°♑50'11	1°57'17
	-612 Jan 23 j 02:56	0°♒	
evening rise	-612 Jan 28 j 19:08	10°♒49'42	
asc. node	-612 Feb 04 j 20:15	23°♒55'02	
	-612 Feb 08 j 13:12	0°♓	
evening max el	-612 Feb 14 j 00:20	6°♓52'47	18°30'40
retrograde	-612 Feb 21 j 14:29	10°♓35'58	
evening set	-612 Feb 24 j 00:30	10°♓14'33	
inferior conj	-612 Mar 02 j 11:48	5°♓43'22	3°12'38
minimum elong	-612 Mar 02 j 15:38	5°♓35'44	3°11'53
min. Earth dist.	-612 Mar 05 j 21:51	3°♓01'51	0.58474 AU
morning rise	-612 Mar 10 j 02:57	0°♓19'38	
	-612 Mar 10 j 19:21	30°℞♒	
desc. node	-612 Mar 15 j 21:57	28°♒46'40	
direct	-612 Mar 16 j 03:45	28°♒46'31	
	-612 Mar 21 j 15:08	0°♓	
morning max el	-612 Mar 30 j 11:43	6°♓23'15	26°42'07
	-612 Apr 17 j 00:07	0°♈	
morning set	-612 Apr 29 j 00:51	22°♈48'55	
	-612 May 02 j 09:42	0°♉	
asc. node	-612 May 02 j 19:33	0°♉53'21	
superior conj	-612 May 06 j 02:45	8°♉06'37	0°34'17
minimum elong	-612 May 06 j 01:18	7°♉58'37	0°33'58
max. Earth dist.	-612 May 06 j 04:32	8°♉16'21	1.32414 AU
evening rise	-612 May 13 j 02:29	23°♉12'28	
	-612 May 16 j 10:12	0°♊	
	-612 Jun 03 j 09:45	0°♋	
desc. node	-612 Jun 11 j 21:12	9°♋43'12	
evening max el	-612 Jun 11 j 19:15	9°♋38'34	26°36'10
retrograde	-612 Jun 25 j 19:07	16°♋53'47	
evening set	-612 Jul 02 j 11:14	15°♋00'15	
min. Earth dist.	-612 Jul 06 j 08:32	12°♋22'39	0.60082 AU
inferior conj	-612 Jul 09 j 16:29	9°♋41'29	-4°-37'-9
minimum elong	-612 Jul 09 j 18:34	9°♋37'15	4°37'00
morning rise	-612 Jul 17 j 05:09	5°♋01'43	
direct	-612 Jul 19 j 16:04	4°♋39'21	
morning max el	-612 Jul 27 j 02:41	8°♋16'05	18°13'34
asc. node	-612 Jul 29 j 18:47	11°♋13'49	
	-612 Aug 10 j 03:55	0°♌	
morning set	-612 Aug 12 j 00:38	3°♌30'18	
superior conj	-612 Aug 21 j 13:55	21°♌18'16	1°37'08
minimum elong	-612 Aug 21 j 17:11	21°♌33'05	1°36'53
	-612 Aug 26 j 11:29	0°♍	
max. Earth dist.	-612 Aug 29 j 04:13	4°♍38'09	1.41027 AU
evening rise	-612 Sep 03 j 04:47	12°♍59'48	
desc. node	-612 Sep 07 j 20:33	20°♍27'06	
	-612 Sep 14 j 01:43	0°♎	
greatest brilliancy	-612 Oct 01 j 19:45	24°♎33'21	-0.2m
	-612 Oct 06 j 14:55	0°♏	
evening max el	-612 Oct 07 j 04:24	0°♏34'25	23°01'30
retrograde	-612 Oct 17 j 07:33	6°♏34'54	
evening set	-612 Oct 22 j 02:16	4°♏38'02	
asc. node	-612 Oct 25 j 18:00	0°♏36'23	
	-612 Oct 26 j 04:57	30°℞♎	
inferior conj	-612 Oct 27 j 11:34	28°♎15'20	0°35'42
minimum elong	-612 Oct 27 j 10:44	28°♎18'12	0°35'21
min. Earth dist.	-612 Oct 27 j 05:09	28°♎37'26	0.67632 AU
morning rise	-612 Nov 01 j 19:13	22°♎02'53	
direct	-612 Nov 06 j 02:07	20°♎21'53	
morning max el	-612 Nov 14 j 23:27	25°♎35'25	21°38'06
	-612 Nov 18 j 22:10	0°♏	
greatest brilliancy	-612 Nov 19 j 22:49	1°♏15'32	-0.4m
desc. node	-612 Dec 04 j 19:51	21°♏59'50	
	-612 Dec 10 j 03:03	0°♐	
morning set	-612 Dec 16 j 16:45	10°♐14'38	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

max. Earth dist.	-612 Dec 23 j 11:45	21°♐14'55	1.41792 AU
	-612 Dec 28 j 16:28	0°♑	
superior conj	-612 Dec 31 j 00:53	4°♑03'44	-2°00'-28
minimum elong	-612 Dec 30 j 23:46	3°♑58'50	2°00'29
evening rise	-611 Jan 10 j 22:49	23°♑40'38	
	-611 Jan 14 j 09:53	0°♒	
asc. node	-611 Jan 21 j 17:18	12°♒29'08	
evening max el	-611 Jan 27 j 09:16	19°♒46'31	18°10'28
retrograde	-611 Feb 03 j 05:27	23°♒14'32	
evening set	-611 Feb 05 j 19:35	22°♒45'18	
inferior conj	-611 Feb 12 j 15:44	17°♒52'31	3°45'29
minimum elong	-611 Feb 12 j 17:22	17°♒48'44	3°45'21
min. Earth dist.	-611 Feb 15 j 21:57	14°♒53'34	0.60548 AU
morning rise	-611 Feb 19 j 12:10	12°♒08'11	
direct	-611 Feb 26 j 05:52	9°♒58'07	
desc. node	-611 Mar 02 j 19:01	10°♒52'54	
morning max el	-611 Mar 12 j 11:22	17°♒45'36	27°32'37
	-611 Mar 22 j 16:43	0°♓	
	-611 Apr 09 j 14:26	0°♈	
morning set	-611 Apr 13 j 08:19	7°♈32'15	
max. Earth dist.	-611 Apr 19 j 17:08	21°♈07'48	1.32411 AU
asc. node	-611 Apr 19 j 16:36	21°♈04'53	
superior conj	-611 Apr 20 j 14:11	23°♈02'52	0°09'31
minimum elong	-611 Apr 20 j 13:45	23°♈00'30	0°09'25
behind sun begin	-611 Apr 20 j 09:40	22°♈38'10	
behind sun end	-611 Apr 20 j 17:50	23°♈22'50	
	-611 Apr 23 j 18:25	0°♉	
evening rise	-611 Apr 27 j 12:59	8°♉07'01	
	-611 May 08 j 23:17	0°♊	
evening max el	-611 May 24 j 14:44	20°♊54'57	25°25'58
desc. node	-611 May 29 j 18:14	25°♊04'55	
retrograde	-611 Jun 07 j 15:46	28°♊05'34	
evening set	-611 Jun 13 j 07:29	26°♊50'34	
min. Earth dist.	-611 Jun 18 j 02:40	24°♊07'04	0.58049 AU
inferior conj	-611 Jun 21 j 07:32	21°♊52'46	-4°-37'-35
minimum elong	-611 Jun 21 j 05:34	21°♊56'13	4°37'29
morning rise	-611 Jun 29 j 07:32	17°♊35'42	
direct	-611 Jul 01 j 19:57	17°♊16'10	
morning max el	-611 Jul 10 j 07:24	21°♊15'10	18°52'06
asc. node	-611 Jul 16 j 15:50	29°♊12'22	
	-611 Jul 17 j 04:06	0°♋	
morning set	-611 Jul 26 j 19:44	17°♋33'42	
	-611 Aug 02 j 04:08	0°♌	
superior conj	-611 Aug 04 j 09:55	4°♌18'16	1°46'31
minimum elong	-611 Aug 04 j 10:57	4°♌23'11	1°46'29
max. Earth dist.	-611 Aug 11 j 07:27	17°♌02'11	1.39028 AU
evening rise	-611 Aug 15 j 06:57	23°♌59'42	
	-611 Aug 18 j 20:33	0°♍	
desc. node	-611 Aug 25 j 17:35	10°♍59'57	
	-611 Sep 07 j 20:44	0°♎	
evening max el	-611 Sep 19 j 16:45	14°♎06'51	24°21'25
retrograde	-611 Sep 30 j 22:17	20°♎41'46	
evening set	-611 Oct 06 j 07:20	18°♎26'46	
min. Earth dist.	-611 Oct 11 j 01:02	12°♎59'44	0.67419 AU
inferior conj	-611 Oct 11 j 17:49	12°♎03'18	0°-18'-19
minimum elong	-611 Oct 11 j 18:16	12°♎01'49	0°18'09
asc. node	-611 Oct 12 j 15:03	10°♎52'26	
morning rise	-611 Oct 17 j 05:31	5°♎56'13	
direct	-611 Oct 20 j 23:14	4°♎36'12	
morning max el	-611 Oct 28 j 20:39	9°♎10'11	20°22'51
greatest brilliancy	-611 Nov 04 j 09:15	16°♎59'49	-0.5m
	-611 Nov 13 j 12:15	0°♏	
desc. node	-611 Nov 21 j 16:54	12°♏22'00	
morning set	-611 Nov 25 j 15:17	18°♏25'18	
	-611 Dec 03 j 00:30	0°♐	
max. Earth dist.	-611 Dec 05 j 19:22	4°♐27'07	1.43478 AU
superior conj	-611 Dec 11 j 19:47	14°♐15'33	-1°-48'-22
minimum elong	-611 Dec 11 j 13:58	13°♐51'29	1°48'00
	-611 Dec 21 j 02:55	0°♑	
evening rise	-611 Dec 24 j 10:14	5°♑44'44	
	-610 Jan 08 j 07:35	0°♒	
asc. node	-610 Jan 08 j 14:21	0°♒21'27	
evening max el	-610 Jan 10 j 21:19	2°♒57'15	18°09'46
retrograde	-610 Jan 17 j 09:49	6°♒23'43	
evening set	-610 Jan 20 j 04:01	5°♒45'37	
inferior conj	-610 Jan 26 j 12:22	0°♒31'58	3°51'57
minimum elong	-610 Jan 26 j 11:49	0°♒33'25	3°51'56
	-610 Jan 27 j 00:32	30°℞♑	
min. Earth dist.	-610 Jan 29 j 06:36	27°♑39'24	0.62566 AU
morning rise	-610 Feb 01 j 17:32	24°♑34'35	
direct	-610 Feb 08 j 17:34	21°♑56'51	
desc. node	-610 Feb 17 j 16:05	25°♑27'45	
morning max el	-610 Feb 22 j 16:45	29°♑48'32	27°46'30
	-610 Feb 22 j 21:21	0°♒	
	-610 Mar 16 j 15:33	0°♓	
morning set	-610 Mar 28 j 10:27	21°♓56'05	
	-610 Apr 01 j 08:01	0°♈	
max. Earth dist.	-610 Apr 03 j 01:48	3°♈42'15	1.32789 AU
superior conj	-610 Apr 04 j 23:37	7°♈49'02	0°-16'-40
minimum elong	-610 Apr 05 j 00:25	7°♈53'18	0°16'31
asc. node	-610 Apr 06 j 13:39	11°♈15'16	
evening rise	-610 Apr 12 j 00:43	23°♈01'07	
	-610 Apr 15 j 09:52	0°♉	
	-610 May 04 j 14:53	0°♊	
evening max el	-610 May 06 j 05:44	1°♊38'05	23°56'13
desc. node	-610 May 16 j 15:16	8°♊07'12	
retrograde	-610 May 20 j 00:46	8°♊33'30	
evening set	-610 May 24 j 06:29	7°♊53'41	
min. Earth dist.	-610 May 30 j 16:50	4°♊48'46	0.56318 AU
inferior conj	-610 Jun 02 j 02:21	3°♊20'27	-4°00'-6
minimum elong	-610 Jun 01 j 20:12	3°♊29'57	3°58'56
	-610 Jun 08 j 09:46	30°℞♉	
morning rise	-610 Jun 10 j 13:40	29°♉20'46	
direct	-610 Jun 13 j 04:31	29°♉03'02	
	-610 Jun 17 j 17:29	0°♊	
morning max el	-610 Jun 23 j 02:43	3°♊38'43	19°51'34
asc. node	-610 Jul 03 j 12:54	17°♊53'00	
	-610 Jul 09 j 22:22	0°♋	
morning set	-610 Jul 10 j 22:22	2°♋00'33	
superior conj	-610 Jul 18 j 20:34	18°♋02'49	1°46'28
minimum elong	-610 Jul 18 j 19:46	17°♋58'48	1°46'28
max. Earth dist.	-610 Jul 24 j 11:04	28°♋55'35	1.37085 AU
	-610 Jul 25 j 00:46	0°♌	
evening rise	-610 Jul 28 j 08:51	6°♌08'20	
	-610 Aug 11 j 17:45	0°♍	
desc. node	-610 Aug 12 j 14:37	1°♍19'01	
evening max el	-610 Sep 02 j 04:09	27°♍42'39	25°35'29
	-610 Sep 04 j 16:01	0°♎	
retrograde	-610 Sep 14 j 08:34	4°♎42'39	
evening set	-610 Sep 20 j 08:23	2°♎11'40	
	-610 Sep 22 j 13:14	30°℞♍	
min. Earth dist.	-610 Sep 24 j 17:50	27°♍20'30	0.66882 AU
inferior conj	-610 Sep 25 j 21:29	25°♍51'41	-1°-13'-50
minimum elong	-610 Sep 25 j 23:20	25°♍45'45	1°13'05
asc. node	-610 Sep 29 j 12:06	21°♍36'44	
morning rise	-610 Oct 01 j 14:57	19°♍52'52	
direct	-610 Oct 04 j 21:38	18°♍50'42	
morning max el	-610 Oct 12 j 01:17	22°♍54'03	19°21'04

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-610 Oct 17 j 21:13	0°♎	
greatest brilliancy	-610 Oct 21 j 19:14	5°♎35'15	-0.7m
morning set	-610 Nov 04 j 16:55	26°♎53'26	
	-610 Nov 06 j 16:50	0°♏	
desc. node	-610 Nov 08 j 13:57	2°♏55'55	
max. Earth dist.	-610 Nov 18 j 09:32	18°♏20'01	1.44592 AU
superior conj	-610 Nov 21 j 12:28	23°♏17'10	-1°-18'-7
minimum elong	-610 Nov 21 j 04:21	22°♏44'55	1°17'17
	-610 Nov 25 j 17:07	0°♐	
evening rise	-610 Dec 06 j 00:59	16°♐54'06	
	-610 Dec 13 j 22:42	0°♑	
evening max el	-610 Dec 25 j 09:44	16°♑18'42	18°27'50
asc. node	-610 Dec 26 j 11:24	17°♑20'00	
retrograde	-610 Dec 31 j 23:15	19°♑55'10	
evening set	-609 Jan 03 j 22:14	19°♑06'59	
inferior conj	-609 Jan 09 j 21:46	13°♑34'07	3°39'26
minimum elong	-609 Jan 09 j 19:43	13°♑40'04	3°39'09
min. Earth dist.	-609 Jan 12 j 00:52	11°♑06'10	0.64319 AU
morning rise	-609 Jan 15 j 15:50	7°♑28'28	
direct	-609 Jan 22 j 12:52	4°♑38'00	
desc. node	-609 Feb 04 j 13:08	11°♑55'11	
morning max el	-609 Feb 05 j 01:29	12°♑25'38	27°24'31
	-609 Feb 19 j 03:51	0°♒	
	-609 Mar 09 j 03:28	0°♓	
morning set	-609 Mar 12 j 04:34	5°♓51'51	
max. Earth dist.	-609 Mar 17 j 02:40	15°♓48'01	1.33589 AU
superior conj	-609 Mar 20 j 05:16	22°♓19'24	0°-43'-17
minimum elong	-609 Mar 20 j 07:19	22°♓30'18	0°42'52
	-609 Mar 23 j 19:37	0°♈	
asc. node	-609 Mar 24 j 10:43	1°♈20'40	
evening rise	-609 Mar 27 j 11:57	7°♈48'52	
	-609 Apr 08 j 08:10	0°♉	
evening max el	-609 Apr 17 j 22:22	12°♉14'44	22°21'09
retrograde	-609 Apr 30 j 20:45	18°♉35'54	
evening set	-609 May 03 j 19:27	18°♉16'49	
desc. node	-609 May 03 j 12:18	18°♉20'26	
min. Earth dist.	-609 May 12 j 05:47	14°♉38'46	0.55242 AU
inferior conj	-609 May 13 j 03:46	14°♉07'40	-2°-37'-51
minimum elong	-609 May 12 j 21:11	14°♉16'59	2°35'51
morning rise	-609 May 22 j 00:53	10°♉13'18	
direct	-609 May 24 j 21:01	9°♉54'57	
morning max el	-609 Jun 05 j 10:51	15°♉19'29	21°10'59
	-609 Jun 16 j 11:51	0°♊	
asc. node	-609 Jun 20 j 09:58	7°♊05'24	
morning set	-609 Jun 25 j 06:04	16°♊44'11	
	-609 Jul 01 j 14:40	0°♋	
superior conj	-609 Jul 02 j 17:33	2°♋19'20	1°39'06
minimum elong	-609 Jul 02 j 15:35	2°♋09'07	1°38'58
max. Earth dist.	-609 Jul 06 j 21:19	10°♋45'58	1.35399 AU
evening rise	-609 Jul 11 j 05:53	19°♋13'39	
	-609 Jul 17 j 03:54	0°♌	
desc. node	-609 Jul 30 j 11:37	21°♌17'49	
	-609 Aug 05 j 19:29	0°♍	
evening max el	-609 Aug 15 j 15:58	11°♍17'39	26°35'41
retrograde	-609 Aug 28 j 13:41	18°♍31'36	
evening set	-609 Sep 04 j 03:17	15°♍49'33	
min. Earth dist.	-609 Sep 08 j 05:02	11°♍36'05	0.66006 AU
inferior conj	-609 Sep 09 j 20:36	9°♍37'06	-2°-9'-6
minimum elong	-609 Sep 09 j 23:49	9°♍27'26	2°07'55
morning rise	-609 Sep 15 j 21:28	3°♍49'52	
asc. node	-609 Sep 16 j 09:10	3°♍35'15	
direct	-609 Sep 18 j 19:29	3°♍01'55	
morning max el	-609 Sep 25 j 12:02	6°♍43'47	18°34'52
	-609 Oct 11 j 15:39	0°♎	
morning set	-609 Oct 15 j 17:57	6°♎34'15	
desc. node	-609 Oct 26 j 10:57	23°♎37'06	
	-609 Oct 30 j 12:06	0°♏	
superior conj	-609 Oct 31 j 13:21	1°♏39'24	0°-32'-52
minimum elong	-609 Oct 31 j 09:02	1°♏22'24	0°32'20
max. Earth dist.	-609 Nov 01 j 03:44	2°♏35'56	1.45008 AU
evening rise	-609 Nov 16 j 15:54	27°♏03'33	
	-609 Nov 18 j 12:19	0°♐	
evening max el	-609 Dec 08 j 19:56	29°♐44'38	19°03'32
	-609 Dec 09 j 01:58	0°♑	
asc. node	-609 Dec 13 j 08:27	3°♑09'33	
retrograde	-609 Dec 15 j 18:03	3°♑41'16	
evening set	-609 Dec 18 j 23:10	2°♑41'27	
	-609 Dec 22 j 01:17	30°℞♐	
inferior conj	-609 Dec 24 j 16:20	26°♐51'42	3°13'21
minimum elong	-609 Dec 24 j 13:35	27°♐00'22	3°12'43
min. Earth dist.	-609 Dec 26 j 04:21	24°♐58'37	0.65700 AU
morning rise	-609 Dec 30 j 03:05	20°♐40'33	
direct	-608 Jan 05 j 14:21	17°♐51'58	
morning max el	-608 Jan 18 j 11:03	25°♐24'54	26°32'24
desc. node	-608 Jan 22 j 10:10	29°♐42'32	
	-608 Jan 22 j 16:11	0°♑	
	-608 Feb 12 j 15:41	0°♒	
morning set	-608 Feb 23 j 11:03	19°♒08'03	
max. Earth dist.	-608 Feb 27 j 16:42	27°♒19'47	1.34837 AU
	-608 Feb 29 j 00:52	0°♓	
superior conj	-608 Mar 03 j 04:51	6°♓26'31	-1°-9'-3
minimum elong	-608 Mar 03 j 08:01	6°♓42'47	1°08'31
asc. node	-608 Mar 10 j 07:45	21°♓16'27	
evening rise	-608 Mar 10 j 20:46	22°♓23'43	
	-608 Mar 14 j 15:08	0°♈	
evening max el	-608 Mar 29 j 22:57	23°♈12'16	20°54'00
retrograde	-608 Apr 10 j 09:43	28°♈43'49	
evening set	-608 Apr 12 j 15:57	28°♈31'44	
desc. node	-608 Apr 19 j 09:19	25°♈58'18	
inferior conj	-608 Apr 21 j 21:58	24°♈34'00	0°-43'-18
minimum elong	-608 Apr 21 j 19:55	24°♈36'55	0°42'34
min. Earth dist.	-608 Apr 22 j 18:50	24°♈04'21	0.55061 AU
morning rise	-608 Apr 30 j 23:00	20°♈27'09	
direct	-608 May 04 j 07:41	20°♈02'45	
morning max el	-608 May 17 j 08:42	26°♈19'17	22°45'58
	-608 May 20 j 20:47	0°♉	
asc. node	-608 Jun 06 j 07:01	26°♉41'27	
	-608 Jun 07 j 21:49	0°♊	
morning set	-608 Jun 08 j 16:47	1°♊38'41	
superior conj	-608 Jun 15 j 21:37	16°♊58'05	1°26'03
minimum elong	-608 Jun 15 j 19:08	16°♊44'53	1°25'45
max. Earth dist.	-608 Jun 18 j 17:11	22°♊53'51	1.34069 AU
	-608 Jun 22 j 04:30	0°♋	
evening rise	-608 Jun 23 j 17:09	3°♋02'05	
	-608 Jul 08 j 23:55	0°♌	
desc. node	-608 Jul 16 j 08:37	10°♌47'43	
evening max el	-608 Jul 28 j 03:46	24°♌42'23	27°14'23
	-608 Aug 03 j 22:33	0°♍	
retrograde	-608 Aug 10 j 13:14	2°♍01'47	
	-608 Aug 16 j 13:59	30°℞♌	
evening set	-608 Aug 17 j 13:30	29°♌16'50	
min. Earth dist.	-608 Aug 21 j 08:19	25°♌40'46	0.64766 AU
inferior conj	-608 Aug 23 j 12:59	23°♌15'39	-3°-1'-51
minimum elong	-608 Aug 23 j 17:15	23°♌03'49	3°00'29
morning rise	-608 Aug 29 j 22:39	17°♌43'27	
direct	-608 Sep 01 j 14:24	17°♌06'15	
asc. node	-608 Sep 02 j 06:13	17°♌08'33	
morning max el	-608 Sep 08 j 02:39	20°♌35'28	18°05'30

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-608 Sep 15 j 05:49	0°♍	
morning set	-608 Sep 25 j 23:31	17°♍39'05	
	-608 Oct 03 j 10:03	0°♎	
superior conj	-608 Oct 09 j 20:14	10°♎24'33	0°16'18
minimum elong	-608 Oct 09 j 22:12	10°♎32'24	0°16'02
behind sun begin	-608 Oct 09 j 20:33	10°♎25'49	
behind sun end	-608 Oct 09 j 23:50	10°♎38'58	
desc. node	-608 Oct 12 j 07:58	14°♎22'47	
max. Earth dist.	-608 Oct 13 j 22:40	16°♎56'12	1.44683 AU
	-608 Oct 22 j 06:43	0°♏	
evening rise	-608 Oct 26 j 09:04	6°♏21'18	
	-608 Nov 10 j 22:29	0°♐	
greatest brilliancy	-608 Nov 13 j 18:30	4°♐03'40	-0.6m
evening max el	-608 Nov 21 j 01:51	13°♐12'14	19°55'13
retrograde	-608 Nov 28 j 15:23	17°♐37'38	
asc. node	-608 Nov 29 j 05:28	17°♐35'40	
evening set	-608 Dec 02 j 04:23	16°♐24'19	
inferior conj	-608 Dec 07 j 17:14	10°♐20'42	2°37'26
minimum elong	-608 Dec 07 j 14:26	10°♐30'00	2°36'34
min. Earth dist.	-608 Dec 08 j 15:38	9°♐06'16	0.66692 AU
morning rise	-608 Dec 12 j 23:53	4°♐06'06	
direct	-608 Dec 18 j 21:27	1°♐30'23	
morning max el	-608 Dec 30 j 20:00	8°♐36'01	25°18'41
desc. node	-607 Jan 08 j 07:13	18°♐26'36	
	-607 Jan 16 j 16:23	0°♑	
	-607 Feb 04 j 04:49	0°♒	
morning set	-607 Feb 05 j 01:04	1°♒30'50	
max. Earth dist.	-607 Feb 08 j 19:27	8°♒26'29	1.36518 AU
superior conj	-607 Feb 14 j 19:34	20°♒02'24	-1°-32'-14
minimum elong	-607 Feb 14 j 23:19	20°♒20'59	1°31'47
	-607 Feb 19 j 18:22	0°♓	
evening rise	-607 Feb 23 j 01:04	6°♓39'11	
asc. node	-607 Feb 25 j 04:47	10°♓57'50	
	-607 Mar 08 j 07:11	0°♈	
evening max el	-607 Mar 12 j 10:35	4°♈46'12	19°42'57
retrograde	-607 Mar 22 j 04:23	9°♈26'18	
evening set	-607 Mar 24 j 07:54	9°♈13'42	
inferior conj	-607 Apr 01 j 23:38	5°♈10'41	1°11'29
minimum elong	-607 Apr 02 j 02:34	5°♈06'04	1°10'30
min. Earth dist.	-607 Apr 04 j 09:04	3°♈40'57	0.55825 AU
desc. node	-607 Apr 06 j 06:22	2°♈34'31	
morning rise	-607 Apr 10 j 17:54	0°♈34'46	
	-607 Apr 13 j 08:41	30°♓	
direct	-607 Apr 15 j 01:05	29°♓53'35	
	-607 Apr 16 j 17:21	0°♈	
morning max el	-607 Apr 29 j 00:25	6°♈53'36	24°26'42
	-607 May 15 j 17:00	0°♉	
morning set	-607 May 24 j 04:44	16°♉37'45	
asc. node	-607 May 24 j 04:03	16°♉34'07	
	-607 May 30 j 09:50	0°♊	
superior conj	-607 May 31 j 06:11	1°♊50'22	1°08'34
minimum elong	-607 May 31 j 03:45	1°♊37'12	1°08'10
max. Earth dist.	-607 Jun 01 j 21:43	5°♊23'47	1.33128 AU
evening rise	-607 Jun 07 j 14:35	17°♊20'58	
	-607 Jun 14 j 03:23	0°♋	
desc. node	-607 Jul 03 j 05:38	29°♋35'47	
	-607 Jul 03 j 13:26	0°♌	
evening max el	-607 Jul 10 j 13:38	7°♌43'14	27°25'05
retrograde	-607 Jul 24 j 06:52	15°♌03'12	
evening set	-607 Jul 31 j 11:43	12°♌27'15	
min. Earth dist.	-607 Aug 04 j 01:56	9°♌23'37	0.63160 AU
inferior conj	-607 Aug 06 j 19:51	6°♌40'20	-3°-48'-46
minimum elong	-607 Aug 07 j 00:27	6°♌28'53	3°47'40
morning rise	-607 Aug 13 j 15:29	1°♌26'32	
direct	-607 Aug 16 j 03:24	0°♌57'02	
asc. node	-607 Aug 20 j 03:15	2°♌13'38	
morning max el	-607 Aug 22 j 18:16	4°♌22'06	17°53'48
morning set	-607 Sep 08 j 05:18	29°♌52'56	
	-607 Sep 08 j 06:55	0°♍	
superior conj	-607 Sep 20 j 02:28	20°♍20'09	0°57'51
minimum elong	-607 Sep 20 j 07:28	20°♍41'02	0°57'14
	-607 Sep 25 j 23:46	0°♎	
max. Earth dist.	-607 Sep 26 j 14:27	0°♎59'11	1.43666 AU
desc. node	-607 Sep 29 j 04:59	5°♎09'17	
evening rise	-607 Oct 05 j 15:33	15°♎15'10	
	-607 Oct 15 j 08:24	0°♏	
greatest brilliancy	-607 Oct 29 j 14:59	20°♏14'58	-0.5m
evening max el	-607 Nov 04 j 02:08	26°♏39'55	21°00'32
	-607 Nov 07 j 22:28	0°♐	
retrograde	-607 Nov 12 j 12:54	1°♐40'41	
evening set	-607 Nov 16 j 11:47	0°♐11'54	
asc. node	-607 Nov 16 j 02:30	0°♐28'34	
	-607 Nov 16 j 17:54	30°♑	
inferior conj	-607 Nov 21 j 22:04	23°♏57'55	1°54'14
minimum elong	-607 Nov 21 j 19:44	24°♏05'54	1°53'22
min. Earth dist.	-607 Nov 22 j 08:30	23°♏22'06	0.67315 AU
morning rise	-607 Nov 27 j 03:19	17°♏42'04	
direct	-607 Dec 02 j 09:40	15°♏25'45	
morning max el	-607 Dec 13 j 04:39	21°♏51'56	23°53'17
	-607 Dec 20 j 06:23	0°♐	
desc. node	-607 Dec 26 j 04:16	7°♐50'56	
	-606 Jan 09 j 23:49	0°♑	
morning set	-606 Jan 17 j 16:35	12°♑43'56	
max. Earth dist.	-606 Jan 21 j 15:02	19°♑35'35	1.38526 AU
	-606 Jan 27 j 08:05	0°♒	
superior conj	-606 Jan 28 j 21:46	2°♒57'18	-1°-50'-25
minimum elong	-606 Jan 29 j 01:03	3°♒12'50	1°50'13
evening rise	-606 Feb 06 j 22:23	20°♒28'19	
	-606 Feb 11 j 21:40	0°♓	
asc. node	-606 Feb 12 j 01:50	0°♓19'13	
evening max el	-606 Feb 23 j 08:44	16°♓57'52	18°51'20
retrograde	-606 Mar 03 j 14:47	20°♓57'14	
evening set	-606 Mar 05 j 21:58	20°♓39'53	
inferior conj	-606 Mar 13 j 19:25	16°♓20'51	2°38'41
minimum elong	-606 Mar 13 j 23:52	16°♓12'46	2°37'34
min. Earth dist.	-606 Mar 17 j 01:39	13°♓59'54	0.57360 AU
morning rise	-606 Mar 21 j 21:36	11°♓12'26	
desc. node	-606 Mar 24 j 03:25	10°♓25'45	
direct	-606 Mar 27 j 08:14	10°♓00'40	
morning max el	-606 Apr 10 j 15:53	17°♓28'46	25°58'49
	-606 Apr 20 j 23:54	0°♈	
	-606 May 07 j 21:59	0°♉	
morning set	-606 May 08 j 16:20	1°♉35'51	
asc. node	-606 May 11 j 01:07	6°♉38'09	
superior conj	-606 May 15 j 17:16	16°♉49'32	0°47'37
minimum elong	-606 May 15 j 15:21	16°♉39'02	0°47'14
max. Earth dist.	-606 May 16 j 08:10	18°♉11'02	1.32568 AU
	-606 May 21 j 19:54	0°♊	
evening rise	-606 May 22 j 19:03	2°♊00'43	
	-606 Jun 07 j 01:54	0°♋	
desc. node	-606 Jun 20 j 02:40	17°♋24'26	
evening max el	-606 Jun 22 j 19:22	20°♋08'45	27°03'28
retrograde	-606 Jul 06 j 17:46	27°♋26'34	
evening set	-606 Jul 13 j 17:47	25°♋13'55	
min. Earth dist.	-606 Jul 17 j 09:25	22°♋31'19	0.61254 AU
inferior conj	-606 Jul 20 j 14:01	19°♋43'50	-4°-24'-38
minimum elong	-606 Jul 20 j 17:35	19°♋36'00	4°24'08
morning rise	-606 Jul 27 j 20:22	14°♋51'05	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

direct	-606 Jul 30 j 06:52	14°♋26'46	
morning max el	-606 Aug 06 j 08:00	17°♋56'39	18°00'41
asc. node	-606 Aug 07 j 00:18	18°♋37'54	
	-606 Aug 14 j 23:50	0°♌	
morning set	-606 Aug 22 j 05:23	12°♌59'17	
	-606 Aug 31 j 14:10	0°♍	
superior conj	-606 Sep 01 j 12:04	1°♍36'31	1°26'32
minimum elong	-606 Sep 01 j 16:30	1°♍55'57	1°26'07
max. Earth dist.	-606 Sep 09 j 00:57	14°♍28'58	1.42096 AU
evening rise	-606 Sep 15 j 05:36	24°♍32'35	
desc. node	-606 Sep 16 j 02:00	25°♍53'27	
	-606 Sep 18 j 16:53	0°♎	
	-606 Oct 09 j 08:26	0°♏	
greatest brilliancy	-606 Oct 13 j 03:13	4°♏48'45	-0.3m
evening max el	-606 Oct 17 j 20:43	10°♏08'24	22°15'50
retrograde	-606 Oct 27 j 08:44	15°♏47'25	
evening set	-606 Oct 31 j 19:35	14°♏01'21	
asc. node	-606 Nov 02 j 23:33	11°♏53'05	
inferior conj	-606 Nov 06 j 04:51	7°♏40'47	1°05'36
minimum elong	-606 Nov 06 j 03:23	7°♏45'52	1°04'59
min. Earth dist.	-606 Nov 06 j 04:29	7°♏42'05	0.67604 AU
morning rise	-606 Nov 11 j 11:00	1°♏26'10	
	-606 Nov 13 j 18:27	30°℞♎	
direct	-606 Nov 16 j 02:13	29°♎32'05	
	-606 Nov 18 j 13:14	0°♏	
morning max el	-606 Nov 25 j 15:36	5°♏11'59	22°25'54
greatest brilliancy	-606 Nov 30 j 06:57	10°♏24'28	-0.3m
desc. node	-606 Dec 13 j 01:18	27°♏43'46	
	-606 Dec 14 j 14:30	0°♐	
morning set	-606 Dec 29 j 03:48	22°♐32'50	
	-605 Jan 02 j 15:57	0°♑	
max. Earth dist.	-605 Jan 03 j 11:21	1°♑21'51	1.40642 AU
superior conj	-605 Jan 11 j 06:41	14°♑58'38	-2°00'-16
minimum elong	-605 Jan 11 j 07:46	15°♑03'30	2°00'16
	-605 Jan 19 j 10:12	0°♒	
evening rise	-605 Jan 21 j 09:33	3°♒42'42	
asc. node	-605 Jan 29 j 22:53	19°♒13'05	
evening max el	-605 Feb 06 j 14:41	29°♒39'11	18°19'41
	-605 Feb 06 j 23:26	0°♓	
retrograde	-605 Feb 13 j 19:44	3°♓13'45	
evening set	-605 Feb 16 j 07:36	2°♓49'09	
	-605 Feb 21 j 05:45	30°℞♒	
inferior conj	-605 Feb 23 j 12:05	28°♒09'12	3°30'15
minimum elong	-605 Feb 23 j 15:05	28°♒02'51	3°29'49
min. Earth dist.	-605 Feb 26 j 22:07	25°♒16'57	0.59349 AU
morning rise	-605 Mar 02 j 19:01	22°♒35'41	
direct	-605 Mar 09 j 04:29	20°♒45'57	
desc. node	-605 Mar 11 j 00:28	20°♒54'45	
morning max el	-605 Mar 23 j 11:42	28°♒28'27	27°07'41
	-605 Mar 24 j 23:47	0°♓	
	-605 Apr 14 j 15:59	0°♈	
morning set	-605 Apr 23 j 01:49	16°♈26'04	
asc. node	-605 Apr 27 j 22:11	26°♈48'00	
	-605 Apr 29 j 09:17	0°♉	
superior conj	-605 Apr 30 j 05:03	1°♉48'24	0°24'00
minimum elong	-605 Apr 30 j 04:00	1°♉42'37	0°23'46
max. Earth dist.	-605 Apr 29 j 21:01	1°♉04'17	1.32370 AU
evening rise	-605 May 07 j 03:57	16°♉51'57	
	-605 May 13 j 17:33	0°♊	
	-605 Jun 02 j 22:42	0°♋	
evening max el	-605 Jun 04 j 18:57	1°♋50'47	26°09'31
desc. node	-605 Jun 06 j 23:42	3°♋48'47	
retrograde	-605 Jun 18 j 20:07	9°♋04'29	
evening set	-605 Jun 25 j 03:09	7°♋27'16	
min. Earth dist.	-605 Jun 29 j 07:51	4°♋49'01	0.59200 AU
inferior conj	-605 Jul 02 j 15:56	2°♋16'53	-4°-41'-13
minimum elong	-605 Jul 02 j 16:29	2°♋15'49	4°41'13
	-605 Jul 05 j 19:37	30°℞♊	
morning rise	-605 Jul 10 j 09:21	27°♊46'41	
direct	-605 Jul 12 j 20:39	27°♊25'42	
	-605 Jul 19 j 08:19	0°♋	
morning max el	-605 Jul 20 j 16:46	1°♋10'44	18°27'23
asc. node	-605 Jul 24 j 21:23	6°♋06'02	
morning set	-605 Aug 05 j 18:43	26°♋44'57	
	-605 Aug 07 j 11:18	0°♌	
superior conj	-605 Aug 14 j 21:09	14°♌02'58	1°42'24
minimum elong	-605 Aug 14 j 23:27	14°♌13'39	1°42'17
max. Earth dist.	-605 Aug 22 j 06:26	27°♌17'45	1.40184 AU
	-605 Aug 23 j 20:09	0°♍	
evening rise	-605 Aug 26 j 17:15	4°♍51'17	
desc. node	-605 Sep 02 j 23:02	16°♍31'45	
	-605 Sep 11 j 21:49	0°♎	
evening max el	-605 Sep 30 j 10:53	23°♎39'40	23°35'54
retrograde	-605 Oct 11 j 01:29	29°♎55'20	
evening set	-605 Oct 16 j 02:08	27°♎50'53	
asc. node	-605 Oct 20 j 20:35	22°♎19'27	
inferior conj	-605 Oct 21 j 11:47	21°♎27'36	0°13'07
minimum elong	-605 Oct 21 j 11:28	21°♎28'40	0°12'58
transit middle	-605 Oct 21 j 11:28	21°♎28'40	0°12'58
transit begin	-605 Oct 21 j 09:49	21°♎34'17	
transit end	-605 Oct 21 j 13:06	21°♎23'03	
min. Earth dist.	-605 Oct 21 j 01:03	22°♎04'13	0.67576 AU
morning rise	-605 Oct 26 j 20:54	15°♎16'59	
direct	-605 Oct 30 j 22:04	13°♎44'57	
morning max el	-605 Nov 08 j 08:22	18°♎40'31	21°04'41
greatest brilliancy	-605 Nov 13 j 20:31	25°♎04'16	-0.5m
	-605 Nov 17 j 13:33	0°♏	
desc. node	-605 Nov 29 j 22:21	17°♏57'14	
	-605 Dec 07 j 18:48	0°♐	
morning set	-605 Dec 08 j 11:47	1°♐06'22	
max. Earth dist.	-605 Dec 16 j 14:46	14°♐05'16	1.42570 AU
superior conj	-605 Dec 23 j 16:52	25°♐53'55	-1°-57'-28
minimum elong	-605 Dec 23 j 13:46	25°♐40'46	1°57'22
	-605 Dec 26 j 02:16	0°♑	
evening rise	-604 Jan 04 j 06:53	16°♑15'04	
	-604 Jan 12 j 01:33	0°♒	
asc. node	-604 Jan 16 j 19:56	7°♒31'01	
evening max el	-604 Jan 21 j 01:24	12°♒41'47	18°07'47
retrograde	-604 Jan 27 j 16:54	16°♒07'10	
evening set	-604 Jan 30 j 08:53	15°♒34'08	
inferior conj	-604 Feb 05 j 23:36	10°♒32'14	3°50'57
minimum elong	-604 Feb 06 j 00:15	10°♒30'38	3°50'55
min. Earth dist.	-604 Feb 09 j 01:22	7°♒33'35	0.61440 AU
morning rise	-604 Feb 12 j 13:06	4°♒41'56	
direct	-604 Feb 19 j 10:57	2°♒18'34	
desc. node	-604 Feb 25 j 21:32	4°♒08'35	
morning max el	-604 Mar 04 j 13:46	10°♒07'38	27°42'58
	-604 Mar 20 j 00:56	0°♓	
	-604 Apr 05 j 19:11	0°♈	
morning set	-604 Apr 06 j 07:17	1°♈01'49	
max. Earth dist.	-604 Apr 12 j 08:28	13°♈50'16	1.32534 AU
superior conj	-604 Apr 13 j 15:51	16°♈41'01	0°-1'-29
minimum elong	-604 Apr 13 j 15:55	16°♈41'23	0°01'29
behind sun begin	-604 Apr 13 j 10:51	16°♈13'44	
behind sun end	-604 Apr 13 j 20:59	17°♈09'02	
asc. node	-604 Apr 13 j 19:14	16°♈59'30	
	-604 Apr 19 j 19:01	0°♉	
evening rise	-604 Apr 20 j 15:13	1°♉47'18	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-604 May 06 j 01:58	0°♊	
evening max el	-604 May 16 j 12:08	12°♊50'51	24°49'17
desc. node	-604 May 23 j 20:44	18°♊15'46	
retrograde	-604 May 30 j 11:33	19°♊55'54	
evening set	-604 Jun 04 j 13:33	18°♊57'12	
min. Earth dist.	-604 Jun 09 j 23:43	16°♊06'15	0.57260 AU
inferior conj	-604 Jun 12 j 22:23	14°♊09'57	-4°-26'-59
minimum elong	-604 Jun 12 j 18:27	14°♊16'29	4°26'33
morning rise	-604 Jun 21 j 03:12	10°♊01'03	
direct	-604 Jun 23 j 16:43	9°♊42'17	
morning max el	-604 Jul 02 j 17:39	13°♊55'01	19°14'51
asc. node	-604 Jul 10 j 18:27	24°♊23'45	
	-604 Jul 14 j 00:04	0°♋	
morning set	-604 Jul 19 j 17:22	10°♋59'16	
superior conj	-604 Jul 27 j 23:56	27°♋23'14	1°47'30
minimum elong	-604 Jul 28 j 00:06	27°♋24'05	1°47'31
	-604 Jul 29 j 08:23	0°♌	
max. Earth dist.	-604 Aug 03 j 09:31	9°♌27'40	1.38180 AU
evening rise	-604 Aug 07 j 05:54	16°♌21'05	
	-604 Aug 15 j 09:06	0°♍	
desc. node	-604 Aug 19 j 20:03	6°♍59'25	
	-604 Sep 05 j 10:21	0°♎	
evening max el	-604 Sep 11 j 22:38	7°♎13'47	24°54'12
retrograde	-604 Sep 23 j 14:11	14°♎00'01	
evening set	-604 Sep 29 j 05:40	11°♎37'46	
min. Earth dist.	-604 Oct 03 j 19:47	6°♎25'58	0.67231 AU
inferior conj	-604 Oct 04 j 17:06	5°♎15'34	0°-41'-46
minimum elong	-604 Oct 04 j 18:08	5°♎12'10	0°41'21
asc. node	-604 Oct 06 j 17:38	2°♎40'01	
	-604 Oct 09 j 06:13	30°℞♍	
morning rise	-604 Oct 10 j 07:03	29°♍11'49	
direct	-604 Oct 13 j 19:53	27°♍59'44	
	-604 Oct 18 j 18:21	0°♎	
morning max el	-604 Oct 21 j 08:45	2°♎19'02	19°54'51
greatest brilliancy	-604 Oct 28 j 21:15	11°♎36'28	-0.6m
	-604 Nov 10 j 07:52	0°♏	
desc. node	-604 Nov 15 j 19:22	8°♏24'49	
morning set	-604 Nov 16 j 08:25	9°♏15'15	
max. Earth dist.	-604 Nov 28 j 01:57	27°♏38'41	1.44033 AU
	-604 Nov 29 j 13:19	0°♐	
superior conj	-604 Dec 03 j 00:06	5°♐33'48	-1°-37'-46
minimum elong	-604 Dec 02 j 16:42	5°♐03'47	1°37'10
evening rise	-604 Dec 16 j 09:58	27°♐56'41	
	-604 Dec 17 j 14:49	0°♑	
asc. node	-603 Jan 02 j 16:57	25°♑02'03	
evening max el	-603 Jan 03 j 13:53	25°♑57'36	18°15'10
retrograde	-603 Jan 10 j 01:45	29°♑27'04	
evening set	-603 Jan 12 j 21:55	28°♑44'44	
inferior conj	-603 Jan 19 j 02:08	23°♑22'19	3°48'36
minimum elong	-603 Jan 19 j 00:51	23°♑25'52	3°48'29
min. Earth dist.	-603 Jan 21 j 13:56	20°♑38'48	0.63353 AU
morning rise	-603 Jan 25 j 02:05	17°♑20'59	
direct	-603 Feb 01 j 01:42	14°♑36'21	
desc. node	-603 Feb 11 j 18:35	19°♑35'48	
morning max el	-603 Feb 14 j 21:02	22°♑26'51	27°41'22
	-603 Feb 21 j 13:36	0°♒	
	-603 Mar 13 j 04:58	0°♓	
morning set	-603 Mar 21 j 06:26	15°♓15'29	
max. Earth dist.	-603 Mar 26 j 14:35	26°♓15'44	1.33081 AU
	-603 Mar 28 j 08:43	0°♈	
superior conj	-603 Mar 28 j 23:56	1°♈21'38	0°-27'-58
minimum elong	-603 Mar 29 j 01:16	1°♈28'47	0°27'42
asc. node	-603 Mar 31 j 16:17	7°♈08'37	
evening rise	-603 Apr 05 j 03:01	16°♈40'12	

	-603 Apr 11 j 18:50	0°♉	
evening max el	-603 Apr 28 j 02:52	23°♉27'45	23°15'26
	-603 May 09 j 09:18	0°♊	
desc. node	-603 May 10 j 17:46	0°♊09'34	
retrograde	-603 May 11 j 14:51	0°♊11'19	
	-603 May 13 j 21:00	30°℞♉	
evening set	-603 May 15 j 06:27	29°♉42'05	
min. Earth dist.	-603 May 22 j 12:47	26°♉24'47	0.55765 AU
inferior conj	-603 May 24 j 09:05	25°♉19'42	-3°-30'-32
minimum elong	-603 May 24 j 02:05	25°♉30'02	3°28'49
morning rise	-603 Jun 02 j 01:01	21°♉24'41	
direct	-603 Jun 04 j 17:41	21°♉07'06	
morning max el	-603 Jun 15 j 08:22	26°♉01'47	20°23'07
	-603 Jun 19 j 00:36	0°♊	
asc. node	-603 Jun 27 j 15:31	13°♊19'35	
morning set	-603 Jul 03 j 22:27	25°♊34'54	
	-603 Jul 06 j 02:10	0°♋	
superior conj	-603 Jul 11 j 15:30	11°♋23'43	1°44'08
minimum elong	-603 Jul 11 j 14:07	11°♋16'42	1°44'05
max. Earth dist.	-603 Jul 16 j 15:30	21°♋17'49	1.36326 AU
evening rise	-603 Jul 20 j 16:36	28°♋55'55	
	-603 Jul 21 j 06:33	0°♌	
desc. node	-603 Aug 06 j 17:04	27°♌11'14	
	-603 Aug 08 j 15:07	0°♍	
evening max el	-603 Aug 25 j 09:58	20°♍49'41	26°03'09
retrograde	-603 Sep 06 j 22:18	27°♍57'02	
evening set	-603 Sep 13 j 04:22	25°♍20'11	
min. Earth dist.	-603 Sep 17 j 10:22	20°♍45'15	0.66556 AU
inferior conj	-603 Sep 18 j 19:03	19°♍02'58	-1°-37'-27
minimum elong	-603 Sep 18 j 21:30	18°♍55'19	1°36'29
asc. node	-603 Sep 23 j 14:41	13°♍51'31	
morning rise	-603 Sep 24 j 15:31	13°♍08'59	
direct	-603 Sep 27 j 18:11	12°♍13'25	
morning max el	-603 Oct 04 j 16:19	16°♍06'24	18°59'27
	-603 Oct 15 j 02:27	0°♎	
morning set	-603 Oct 26 j 18:17	18°♎09'52	
desc. node	-603 Nov 02 j 16:22	29°♎02'15	
	-603 Nov 03 j 07:05	0°♏	
max. Earth dist.	-603 Nov 10 j 18:13	11°♏43'39	1.44854 AU
superior conj	-603 Nov 12 j 07:47	14°♏11'40	-1°00'-13
minimum elong	-603 Nov 12 j 00:33	13°♏43'10	0°59'23
	-603 Nov 22 j 06:03	0°♐	
evening rise	-603 Nov 27 j 14:44	8°♐40'34	
	-603 Dec 10 j 22:07	0°♑	
evening max el	-603 Dec 18 j 01:31	9°♑20'52	18°40'56
asc. node	-603 Dec 20 j 13:59	11°♑32'58	
retrograde	-603 Dec 24 j 17:59	13°♑05'14	
evening set	-603 Dec 27 j 19:18	12°♑12'24	
inferior conj	-602 Jan 02 j 15:49	6°♑31'51	3°29'47
minimum elong	-602 Jan 02 j 13:23	6°♑39'13	3°29'21
min. Earth dist.	-602 Jan 04 j 12:21	4°♑17'50	0.64945 AU
morning rise	-602 Jan 08 j 06:18	0°♑23'18	
	-602 Jan 08 j 17:34	30°℞♐	
direct	-602 Jan 14 j 23:40	27°♐32'06	
	-602 Jan 21 j 23:55	0°♑	
morning max el	-602 Jan 28 j 06:38	5°♑15'46	27°05'42
desc. node	-602 Jan 29 j 15:36	6°♑40'37	
	-602 Feb 16 j 04:42	0°♒	
morning set	-602 Mar 04 j 20:08	28°♒56'32	
	-602 Mar 05 j 09:14	0°♓	
max. Earth dist.	-602 Mar 09 j 11:15	8°♓07'56	1.34059 AU
superior conj	-602 Mar 13 j 03:18	15°♓43'11	0°-54'-23
minimum elong	-602 Mar 13 j 05:51	15°♓56'37	0°53'55
asc. node	-602 Mar 18 j 13:19	27°♓10'37	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-602 Mar 19 j 21:29	0°♈	
evening rise	-602 Mar 20 j 13:27	1°♈23'29	
	-602 Apr 06 j 02:59	0°♉	
evening max el	-602 Apr 09 j 22:09	4°♉10'35	21°42'31
retrograde	-602 Apr 22 j 07:19	10°♉12'38	
evening set	-602 Apr 24 j 20:41	9°♉57'55	
desc. node	-602 Apr 27 j 14:49	9°♉11'44	
inferior conj	-602 May 04 j 05:51	5°♉55'19	-1°-51'-36
minimum elong	-602 May 04 j 00:45	6°♉02'28	1°49'54
min. Earth dist.	-602 May 04 j 01:51	6°♉00'55	0.55043 AU
morning rise	-602 May 13 j 05:43	1°♉57'58	
direct	-602 May 16 j 05:38	1°♉38'11	
morning max el	-602 May 28 j 12:03	7°♉25'24	21°49'55
	-602 Jun 13 j 02:47	0°♊	
asc. node	-602 Jun 14 j 12:34	2°♊43'07	
morning set	-602 Jun 18 j 07:40	10°♊24'06	
superior conj	-602 Jun 25 j 15:54	25°♊51'23	1°34'12
minimum elong	-602 Jun 25 j 13:38	25°♊39'32	1°33'58
	-602 Jun 27 j 15:44	0°♋	
max. Earth dist.	-602 Jun 29 j 05:24	3°♋12'49	1.34785 AU
evening rise	-602 Jul 03 j 20:16	12°♋21'34	
	-602 Jul 13 j 15:08	0°♌	
desc. node	-602 Jul 24 j 14:06	16°♌59'16	
	-602 Aug 03 j 18:00	0°♍	
evening max el	-602 Aug 07 j 21:42	4°♍21'04	26°55'06
retrograde	-602 Aug 21 j 01:19	11°♍39'06	
evening set	-602 Aug 27 j 19:56	8°♍54'25	
min. Earth dist.	-602 Aug 31 j 18:29	4°♍57'06	0.65523 AU
inferior conj	-602 Sep 02 j 15:35	2°♍46'03	-2°-32'00
minimum elong	-602 Sep 02 j 19:18	2°♍35'13	2°30'41
	-602 Sep 05 j 03:22	30°℞♌	
morning rise	-602 Sep 08 j 20:04	27°♌04'54	
asc. node	-602 Sep 10 j 11:44	26°♌29'15	
direct	-602 Sep 11 j 14:59	26°♌22'07	
morning max el	-602 Sep 18 j 05:04	29°♌57'53	18°20'13
	-602 Sep 18 j 05:54	0°♍	
morning set	-602 Oct 07 j 07:32	28°♍26'49	
	-602 Oct 08 j 06:23	0°♎	
desc. node	-602 Oct 20 j 13:23	19°♎45'56	
superior conj	-602 Oct 22 j 08:27	22°♎36'15	0°-11'-43
minimum elong	-602 Oct 22 j 06:55	22°♎30'11	0°11'31
behind sun begin	-602 Oct 21 j 22:56	21°♎58'40	
behind sun end	-602 Oct 22 j 14:53	23°♎01'42	
max. Earth dist.	-602 Oct 24 j 12:30	26°♎01'27	1.44952 AU
	-602 Oct 27 j 01:12	0°♏	
evening rise	-602 Nov 07 j 19:37	18°♏25'41	
	-602 Nov 15 j 05:14	0°♐	
greatest brilliancy	-602 Nov 22 j 07:55	10°♐52'28	-0.7m
evening max el	-602 Dec 01 j 10:04	22°♐47'51	19°23'47
asc. node	-602 Dec 07 j 11:00	26°♐48'54	
retrograde	-602 Dec 08 j 14:10	26°♐56'04	
evening set	-602 Dec 11 j 22:18	25°♐50'57	
inferior conj	-602 Dec 17 j 13:24	19°♐55'06	2°59'09
minimum elong	-602 Dec 17 j 10:33	20°♐04'18	2°58'25
min. Earth dist.	-602 Dec 18 j 19:31	18°♐17'55	0.66161 AU
morning rise	-602 Dec 22 j 22:01	13°♐42'04	
direct	-602 Dec 29 j 03:49	10°♐57'33	
morning max el	-601 Jan 10 j 15:59	18°♐21'21	26°03'10
desc. node	-601 Jan 16 j 12:37	24°♐54'41	
	-601 Jan 20 j 12:37	0°♑	
	-601 Feb 09 j 04:35	0°♒	
morning set	-601 Feb 15 j 20:19	11°♒52'34	
max. Earth dist.	-601 Feb 19 j 19:59	19°♒25'45	1.35493 AU
superior conj	-601 Feb 24 j 23:31	29°♒38'37	-1°-19'-18
minimum elong	-601 Feb 25 j 03:01	29°♒56'22	1°18'48
	-601 Feb 25 j 03:44	0°♓	
evening rise	-601 Mar 04 j 20:37	15°♓51'07	
asc. node	-601 Mar 05 j 10:21	17°♓01'12	
	-601 Mar 12 j 03:31	0°♈	
evening max el	-601 Mar 23 j 03:28	15°♈23'45	20°21'39
retrograde	-601 Apr 02 j 20:54	20°♈32'26	
evening set	-601 Apr 05 j 00:33	20°♈20'53	
inferior conj	-601 Apr 14 j 01:35	16°♈23'08	0°07'17
minimum elong	-601 Apr 14 j 01:55	16°♈22'38	0°07'10
transit middle	-601 Apr 14 j 01:55	16°♈22'38	0°07'10
transit begin	-601 Apr 13 j 22:19	16°♈27'56	
transit end	-601 Apr 14 j 05:32	16°♈17'20	
desc. node	-601 Apr 14 j 11:49	16°♈08'05	
min. Earth dist.	-601 Apr 15 j 15:43	15°♈27'13	0.55277 AU
morning rise	-601 Apr 23 j 01:04	12°♈04'53	
direct	-601 Apr 26 j 18:15	11°♈34'48	
morning max el	-601 May 10 j 06:39	18°♈12'09	23°28'41
	-601 May 19 j 22:03	0°♉	
asc. node	-601 Jun 01 j 09:37	22°♉27'04	
morning set	-601 Jun 02 j 19:07	25°♉21'13	
	-601 Jun 04 j 23:43	0°♊	
superior conj	-601 Jun 09 j 22:11	10°♊37'03	1°19'08
minimum elong	-601 Jun 09 j 19:39	10°♊23'31	1°18'46
max. Earth dist.	-601 Jun 12 j 05:04	15°♊29'33	1.33628 AU
evening rise	-601 Jun 17 j 12:21	26°♊24'47	
	-601 Jun 19 j 08:01	0°♋	
	-601 Jul 06 j 23:37	0°♌	
desc. node	-601 Jul 11 j 11:08	6°♌13'20	
evening max el	-601 Jul 21 j 09:06	17°♌37'53	27°22'40
retrograde	-601 Aug 03 j 22:36	24°♌58'01	
evening set	-601 Aug 11 j 01:30	22°♌15'35	
min. Earth dist.	-601 Aug 14 j 18:01	18°♌53'54	0.64124 AU
inferior conj	-601 Aug 17 j 04:18	16°♌19'53	-3°-22'-46
minimum elong	-601 Aug 17 j 08:50	16°♌07'51	3°21'28
morning rise	-601 Aug 23 j 18:05	10°♌54'51	
direct	-601 Aug 26 j 07:50	10°♌21'18	
asc. node	-601 Aug 28 j 08:48	10°♌42'36	
morning max el	-601 Sep 01 j 20:24	13°♌48'03	17°58'12
	-601 Sep 13 j 02:29	0°♍	
morning set	-601 Sep 19 j 00:11	10°♍03'21	
	-601 Sep 30 j 21:30	0°♎	
superior conj	-601 Oct 01 j 23:53	1°♎47'34	0°35'21
minimum elong	-601 Oct 02 j 03:41	2°♎02'59	0°34'51
desc. node	-601 Oct 07 j 10:25	10°♎32'26	
max. Earth dist.	-601 Oct 07 j 06:14	10°♎15'46	1.44329 AU
evening rise	-601 Oct 18 j 06:13	27°♎28'06	
	-601 Oct 19 j 21:44	0°♏	
greatest brilliancy	-601 Nov 08 j 04:53	28°♏31'47	-0.6m
	-601 Nov 09 j 07:24	0°♐	
evening max el	-601 Nov 14 j 13:46	6°♐15'53	20°21'40
retrograde	-601 Nov 22 j 11:41	10°♐55'23	
asc. node	-601 Nov 24 j 08:03	10°♐35'51	
evening set	-601 Nov 26 j 04:38	9°♐35'48	
inferior conj	-601 Dec 01 j 16:13	3°♐27'38	2°19'51
minimum elong	-601 Dec 01 j 13:34	3°♐36'36	2°18'59
min. Earth dist.	-601 Dec 02 j 09:25	2°♐29'35	0.67001 AU
	-601 Dec 04 j 07:28	30°℞♏	
morning rise	-601 Dec 06 j 21:58	27°♏12'22	
direct	-601 Dec 12 j 13:18	24°♏44'05	
	-601 Dec 22 j 09:34	0°♐	
morning max el	-601 Dec 24 j 00:21	1°♐33'52	24°43'10
desc. node	-600 Jan 03 j 09:39	13°♐57'22	
	-600 Jan 14 j 13:59	0°♑	
morning set	-600 Jan 29 j 01:29	23°♑47'13	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-600 Feb 01 j 12:31	0°♒	
max. Earth dist.	-600 Feb 01 j 18:34	0°♒27'39	1.37341 AU
superior conj	-600 Feb 08 j 09:24	12°♒58'21	-1°-40'-44
minimum elong	-600 Feb 08 j 13:07	13°♒16'26	1°40'23
evening rise	-600 Feb 16 j 22:14	29°♒55'51	
	-600 Feb 16 j 23:04	0°♓	
asc. node	-600 Feb 20 j 07:24	6°♓34'43	
evening max el	-600 Mar 04 j 19:51	27°♓14'19	19°18'37
	-600 Mar 08 j 09:33	0°♈	
retrograde	-600 Mar 13 j 20:59	1°♈34'50	
evening set	-600 Mar 16 j 01:58	1°♈20'29	
	-600 Mar 19 j 18:16	30°℞♓	
inferior conj	-600 Mar 24 j 10:01	27°♓11'41	1°52'42
minimum elong	-600 Mar 24 j 14:04	27°♓04'56	1°51'28
min. Earth dist.	-600 Mar 27 j 06:33	25°♓18'31	0.56404 AU
desc. node	-600 Mar 31 j 08:51	23°♓00'23	
morning rise	-600 Apr 01 j 22:19	22°♓21'55	
direct	-600 Apr 06 j 17:27	21°♓29'08	
morning max el	-600 Apr 20 j 21:17	28°♓42'27	25°07'48
	-600 Apr 22 j 04:28	0°♈	
	-600 May 12 j 04:32	0°♉	
morning set	-600 May 17 j 07:09	10°♉20'51	
asc. node	-600 May 18 j 06:42	12°♉25'24	
superior conj	-600 May 24 j 08:04	25°♉33'13	1°00'03
minimum elong	-600 May 24 j 05:48	25°♉20'53	0°59'39
max. Earth dist.	-600 May 25 j 12:45	28°♉09'13	1.32851 AU
	-600 May 26 j 09:12	0°♊	
evening rise	-600 May 31 j 13:10	10°♊54'16	
	-600 Jun 10 j 14:20	0°♋	
desc. node	-600 Jun 27 j 08:10	24°♋39'09	
	-600 Jul 02 j 06:45	0°♌	
evening max el	-600 Jul 02 j 17:51	0°♌26'41	27°20'00
retrograde	-600 Jul 16 j 13:18	7°♌44'57	
evening set	-600 Jul 23 j 17:27	5°♌17'31	
min. Earth dist.	-600 Jul 27 j 07:26	2°♌24'25	0.62383 AU
	-600 Jul 29 j 20:53	30°℞♋	
inferior conj	-600 Jul 30 j 06:17	29°♋37'40	-4°-5'-44
minimum elong	-600 Jul 30 j 10:39	29°♋27'19	4°04'53
morning rise	-600 Aug 06 j 06:22	24°♋32'13	
direct	-600 Aug 08 j 17:30	24°♋05'03	
asc. node	-600 Aug 14 j 05:52	26°♋23'49	
morning max el	-600 Aug 15 j 11:36	27°♋30'55	17°54'21
	-600 Aug 17 j 17:11	0°♌	
morning set	-600 Aug 31 j 14:34	22°♌42'43	
	-600 Sep 04 j 16:24	0°♍	
superior conj	-600 Sep 11 j 18:00	12°♍18'41	1°11'40
minimum elong	-600 Sep 11 j 23:06	12°♍40'21	1°11'05
max. Earth dist.	-600 Sep 18 j 20:38	24°♍09'27	1.43062 AU
	-600 Sep 22 j 11:38	0°♎	
desc. node	-600 Sep 23 j 07:29	1°♎18'57	
evening rise	-600 Sep 26 j 13:53	6°♎27'31	
	-600 Oct 12 j 05:48	0°♏	
greatest brilliancy	-600 Oct 22 j 12:00	14°♏00'27	-0.4m
evening max el	-600 Oct 27 j 11:42	19°♏44'30	21°31'34
retrograde	-600 Nov 05 j 08:35	25°♏00'47	
evening set	-600 Nov 09 j 12:26	23°♏24'41	
asc. node	-600 Nov 10 j 05:05	22°♏49'39	
inferior conj	-600 Nov 14 j 22:07	17°♏07'32	1°34'09
minimum elong	-600 Nov 14 j 20:07	17°♏14'27	1°33'22
min. Earth dist.	-600 Nov 15 j 03:48	16°♏47'54	0.67487 AU
morning rise	-600 Nov 20 j 03:30	10°♏52'10	
direct	-600 Nov 25 j 03:24	8°♏45'15	
morning max el	-600 Dec 05 j 09:32	14°♏51'15	23°15'48
greatest brilliancy	-600 Dec 10 j 13:17	20°♏38'44	-0.3m
	-600 Dec 17 j 17:13	0°♐	
desc. node	-600 Dec 20 j 06:43	3°♐35'01	
	-599 Jan 06 j 13:26	0°♑	
morning set	-599 Jan 09 j 05:22	4°♑24'39	
max. Earth dist.	-599 Jan 13 j 13:51	11°♑50'10	1.39437 AU
superior conj	-599 Jan 21 j 04:51	25°♑31'40	-1°-55'-52
minimum elong	-599 Jan 21 j 07:26	25°♑43'42	1°55'45
	-599 Jan 23 j 14:16	0°♒	
evening rise	-599 Jan 30 j 15:37	13°♒30'53	
asc. node	-599 Feb 06 j 04:26	25°♒45'03	
	-599 Feb 08 j 16:01	0°♓	
evening max el	-599 Feb 15 j 21:35	9°♓38'47	18°35'23
retrograde	-599 Feb 23 j 15:32	13°♓25'48	
evening set	-599 Feb 26 j 00:47	13°♓05'31	
inferior conj	-599 Mar 05 j 14:37	8°♓37'28	3°04'50
minimum elong	-599 Mar 05 j 18:41	8°♓29'34	3°03'59
min. Earth dist.	-599 Mar 09 j 00:08	6°♓00'36	0.58170 AU
morning rise	-599 Mar 13 j 08:39	3°♓17'25	
desc. node	-599 Mar 18 j 05:53	1°♓52'37	
direct	-599 Mar 19 j 05:55	1°♓50'04	
morning max el	-599 Apr 02 j 14:08	9°♓24'55	26°31'55
	-599 Apr 18 j 05:44	0°♈	
morning set	-599 May 01 j 18:04	25°♈16'30	
	-599 May 03 j 23:29	0°♉	
asc. node	-599 May 05 j 03:44	2°♉32'28	
superior conj	-599 May 08 j 19:37	10°♉32'51	0°37'52
minimum elong	-599 May 08 j 18:02	10°♉24'07	0°37'33
max. Earth dist.	-599 May 09 j 00:50	11°♉01'30	1.32438 AU
evening rise	-599 May 15 j 19:46	25°♉39'47	
	-599 May 17 j 22:18	0°♊	
	-599 Jun 04 j 07:43	0°♋	
desc. node	-599 Jun 14 j 05:12	11°♋55'49	
evening max el	-599 Jun 14 j 21:06	12°♋34'19	26°44'16
retrograde	-599 Jun 28 j 20:35	19°♋50'22	
evening set	-599 Jul 05 j 15:15	17°♋51'24	
min. Earth dist.	-599 Jul 09 j 10:34	15°♋13'13	0.60390 AU
inferior conj	-599 Jul 12 j 18:00	12°♋29'39	-4°-34'-36
minimum elong	-599 Jul 12 j 20:33	12°♋24'22	4°34'24
morning rise	-599 Jul 20 j 05:03	7°♋46'36	
direct	-599 Jul 22 j 15:48	7°♋23'46	
morning max el	-599 Jul 29 j 23:37	10°♋58'16	18°09'34
asc. node	-599 Aug 01 j 02:56	13°♋17'21	
	-599 Aug 11 j 13:55	0°♌	
morning set	-599 Aug 14 j 20:51	6°♌07'33	
superior conj	-599 Aug 24 j 14:20	24°♌07'22	1°34'43
minimum elong	-599 Aug 24 j 17:56	24°♌23'32	1°34'26
	-599 Aug 27 j 21:53	0°♍	
max. Earth dist.	-599 Sep 01 j 05:13	7°♍23'55	1.41314 AU
evening rise	-599 Sep 06 j 12:01	16°♍07'57	
desc. node	-599 Sep 10 j 04:32	22°♍01'17	
	-599 Sep 15 j 08:21	0°♎	
greatest brilliancy	-599 Oct 05 j 03:17	27°♎35'14	-0.3m
	-599 Oct 07 j 04:21	0°♏	
evening max el	-599 Oct 10 j 04:05	3°♏13'40	22°49'31
retrograde	-599 Oct 20 j 03:19	9°♏08'52	
evening set	-599 Oct 24 j 19:56	7°♏14'47	
asc. node	-599 Oct 28 j 02:07	3°♏44'30	
inferior conj	-599 Oct 30 j 05:11	0°♏52'23	0°43'44
minimum elong	-599 Oct 30 j 04:10	0°♏55'52	0°43'17
min. Earth dist.	-599 Oct 30 j 00:17	1°♏09'15	0.67635 AU
	-599 Oct 30 j 20:24	30°℞♎	
morning rise	-599 Nov 04 j 12:22	24°♎39'17	
direct	-599 Nov 08 j 21:20	22°♎55'00	
morning max el	-599 Nov 17 j 22:47	28°♎15'21	21°50'13

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-599 Nov 19 j 14:20	0°♏		
greatest brilliancy	-599 Nov 22 j 18:58	3°♏44'42	-0.4m	
desc. node	-599 Dec 07 j 03:47	23°♏37'39		
	-599 Dec 11 j 09:47	0°♐		
morning set	-599 Dec 20 j 04:13	13°♐38'52		
max. Earth dist.	-599 Dec 26 j 13:02	24°♐01'22	1.41501 AU	
	-599 Dec 30 j 02:12	0°♑		
superior conj	-598 Jan 03 j 04:44	7°♑06'19	-2°00'-54	
minimum elong	-598 Jan 03 j 04:15	7°♑04'12	2°00'55	
evening rise	-598 Jan 13 j 21:26	26°♑28'54		
	-598 Jan 15 j 19:14	0°♒		
asc. node	-598 Jan 24 j 01:27	14°♒25'03		
evening max el	-598 Jan 30 j 05:52	22°♒30'03	18°12'13	
retrograde	-598 Feb 06 j 04:04	25°♒59'24		
evening set	-598 Feb 08 j 17:34	25°♒31'28		
inferior conj	-598 Feb 15 j 15:46	20°♒42'04	3°42'22	
minimum elong	-598 Feb 15 j 17:46	20°♒37'33	3°42'10	
min. Earth dist.	-598 Feb 18 j 23:19	17°♒43'56	0.60234 AU	
morning rise	-598 Feb 22 j 14:49	15°♒00'09		
direct	-598 Mar 01 j 06:40	12°♒55'05		
desc. node	-598 Mar 05 j 02:56	13°♒34'12		
morning max el	-598 Mar 15 j 12:52	20°♒41'51	27°27'20	
	-598 Mar 23 j 13:59	0°♓		
	-598 Apr 11 j 01:35	0°♈		
morning set	-598 Apr 16 j 02:07	10°♈02'02		
asc. node	-598 Apr 22 j 00:48	22°♈43'52		
max. Earth dist.	-598 Apr 22 j 13:35	23°♈53'44	1.32385 AU	
superior conj	-598 Apr 23 j 07:11	25°♈30'06	0°13'22	
minimum elong	-598 Apr 23 j 06:35	25°♈26'48	0°13'16	
behind sun begin	-598 Apr 23 j 03:50	25°♈11'42		
behind sun end	-598 Apr 23 j 09:20	25°♈41'54		
	-598 Apr 25 j 08:26	0°♉		
evening rise	-598 Apr 30 j 05:54	10°♉33'45		
	-598 May 10 j 06:05	0°♊		
evening max el	-598 May 27 j 17:31	23°♊56'53	25°38'00	
desc. node	-598 Jun 01 j 02:11	27°♊34'59		
	-598 Jun 05 j 09:07	0°♋		
retrograde	-598 Jun 10 j 18:54	1°♋08'48		
	-598 Jun 16 j 03:50	30°℞♊		
evening set	-598 Jun 16 j 14:55	29°♊47'58		
min. Earth dist.	-598 Jun 21 j 05:42	27°♊06'22	0.58342 AU	
inferior conj	-598 Jun 24 j 11:54	24°♊46'42	-4°-39'-44	
minimum elong	-598 Jun 24 j 10:39	24°♊48'58	4°39'42	
morning rise	-598 Jul 02 j 10:13	20°♊26'21		
direct	-598 Jul 04 j 22:13	20°♊06'32		
morning max el	-598 Jul 13 j 05:29	24°♊01'32	18°44'59	
	-598 Jul 18 j 05:20	0°♋		
asc. node	-598 Jul 19 j 00:01	1°♋08'24		
morning set	-598 Jul 29 j 14:30	20°♋06'22		
	-598 Aug 03 j 16:12	0°♌		
superior conj	-598 Aug 07 j 07:38	6°♌59'00	1°45'43	
minimum elong	-598 Aug 07 j 09:00	7°♌05'24	1°45'42	
max. Earth dist.	-598 Aug 14 j 08:40	19°♌53'08	1.39329 AU	
evening rise	-598 Aug 18 j 10:22	26°♌56'55		
	-598 Aug 20 j 05:49	0°♍		
desc. node	-598 Aug 28 j 01:33	12°♍35'37		
	-598 Sep 08 j 22:36	0°♎		
evening max el	-598 Sep 22 j 16:46	16°♎45'33	24°09'47	
retrograde	-598 Oct 03 j 18:38	23°♎15'57		
evening set	-598 Oct 09 j 01:26	21°♎03'42		
inferior conj	-598 Oct 14 j 11:38	14°♎40'06	0°-9'-57	
minimum elong	-598 Oct 14 j 11:53	14°♎39'17	0°09'53	
transit middle	-598 Oct 14 j 11:53	14°♎39'17	0°09'53	
transit begin	-598 Oct 14 j 09:43	14°♎46'36		
transit end	-598 Oct 14 j 14:03	14°♎31'57		
min. Earth dist.	-598 Oct 13 j 20:27	15°♎31'25	0.67468 AU	
asc. node	-598 Oct 14 j 23:11	14°♎01'11		
morning rise	-598 Oct 19 j 22:36	8°♎31'54		
direct	-598 Oct 23 j 18:10	7°♎08'52		
morning max el	-598 Oct 31 j 18:46	11°♎48'20	20°33'15	
greatest brilliancy	-598 Nov 07 j 00:17	19°♎12'44	-0.5m	
	-598 Nov 14 j 16:56	0°♏		
desc. node	-598 Nov 24 j 00:49	13°♏57'42		
morning set	-598 Nov 29 j 04:27	21°♏53'13		
	-598 Dec 04 j 08:44	0°♐		
max. Earth dist.	-598 Dec 08 j 19:21	7°♐05'45	1.43256 AU	
superior conj	-598 Dec 15 j 03:40	17°♐29'40	-1°-51'-21	
minimum elong	-598 Dec 14 j 22:31	17°♐08'17	1°51'05	
	-598 Dec 22 j 12:21	0°♑		
evening rise	-598 Dec 27 j 11:32	8°♑40'36		
	-597 Jan 09 j 04:27	0°♒		
asc. node	-597 Jan 10 j 22:29	2°♒24'38		
evening max el	-597 Jan 13 j 17:40	5°♒39'11	18°08'39	
retrograde	-597 Jan 20 j 06:37	9°♒04'51		
evening set	-597 Jan 23 j 00:14	8°♒28'07		
inferior conj	-597 Jan 29 j 10:09	3°♒17'35	3°52'19	
minimum elong	-597 Jan 29 j 09:54	3°♒18'16	3°52'18	
min. Earth dist.	-597 Feb 01 j 06:31	0°♒22'43	0.62283 AU	
	-597 Feb 01 j 15:49	30°℞♑		
morning rise	-597 Feb 04 j 17:20	27°♑21'54		
direct	-597 Feb 11 j 17:13	24°♑47'19		
desc. node	-597 Feb 19 j 23:59	27°♑48'57		
	-597 Feb 22 j 20:26	0°♒		
morning max el	-597 Feb 25 j 17:22	2°♒38'39	27°46'43	
	-597 Mar 17 j 22:42	0°♓		
morning set	-597 Mar 31 j 05:10	24°♓29'07		
	-597 Apr 02 j 21:20	0°♈		
max. Earth dist.	-597 Apr 05 j 22:58	6°♈31'01	1.32710 AU	
superior conj	-597 Apr 07 j 17:02	10°♈18'10	0°-12'-39	
minimum elong	-597 Apr 07 j 17:37	10°♈21'24	0°12'32	
behind sun begin	-597 Apr 07 j 14:26	10°♈04'07		
behind sun end	-597 Apr 07 j 20:48	10°♈38'40		
asc. node	-597 Apr 08 j 21:50	12°♈54'39		
evening rise	-597 Apr 14 j 17:33	25°♈28'16		
	-597 Apr 16 j 21:42	0°♉		
	-597 May 05 j 00:25	0°♊		
evening max el	-597 May 09 j 08:54	4°♊43'34	24°10'15	
desc. node	-597 May 18 j 23:12	11°♊00'26		
retrograde	-597 May 23 j 05:32	11°♊41'57		
evening set	-597 May 27 j 16:29	10°♊57'45		
min. Earth dist.	-597 Jun 02 j 20:16	7°♊56'46	0.56543 AU	
inferior conj	-597 Jun 05 j 09:39	6°♊20'53	-4°-8'-44	
minimum elong	-597 Jun 05 j 03:59	6°♊29'48	4°07'45	
morning rise	-597 Jun 13 j 19:17	2°♊19'02		
direct	-597 Jun 16 j 09:44	2°♊01'04		
morning max el	-597 Jun 26 j 02:14	6°♊30'33	19°41'24	
asc. node	-597 Jul 05 j 21:05	19°♊43'29		
	-597 Jul 11 j 09:50	0°♋		
morning set	-597 Jul 13 j 16:12	4°♋30'23		
superior conj	-597 Jul 21 j 16:23	20°♋37'47	1°46'59	
minimum elong	-597 Jul 21 j 15:49	20°♋34'58	1°46'59	
	-597 Jul 26 j 12:29	0°♌		
max. Earth dist.	-597 Jul 27 j 11:56	1°♌50'17	1.37362 AU	
evening rise	-597 Jul 31 j 08:59	8°♌56'12		
	-597 Aug 13 j 00:14	0°♍		
desc. node	-597 Aug 14 j 22:33	2°♍57'22		
	-597 Sep 04 j 19:30	0°♎		
evening max el	-597 Sep 05 j 04:15	0°♎21'36	25°25'11	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-597 Sep 17 j 05:30	7°♎18'14	
evening set	-597 Sep 23 j 03:09	4°♎49'30	
	-597 Sep 27 j 11:37	30°℞♍	
min. Earth dist.	-597 Sep 27 j 13:51	29°♍52'51	0.66984 AU
inferior conj	-597 Sep 28 j 15:47	28°♍28'51	-1°-5'-23
minimum elong	-597 Sep 28 j 17:25	28°♍23'34	1°04'43
asc. node	-597 Oct 01 j 20:14	24°♍37'52	
morning rise	-597 Oct 04 j 08:17	22°♍28'34	
direct	-597 Oct 07 j 16:31	21°♍23'53	
morning max el	-597 Oct 14 j 22:18	25°♍31'00	19°29'18
	-597 Oct 18 j 19:13	0°♎	
greatest brilliancy	-597 Oct 23 j 21:53	7°♎01'29	-0.7m
morning set	-597 Nov 08 j 03:59	0°♏14'13	
	-597 Nov 08 j 00:19	0°♏	
desc. node	-597 Nov 10 j 21:51	4°♏30'12	
max. Earth dist.	-597 Nov 21 j 08:48	20°♏54'13	1.44471 AU
superior conj	-597 Nov 24 j 23:52	26°♏40'33	-1°-23'-50
minimum elong	-597 Nov 24 j 15:45	26°♏08'05	1°23'02
	-597 Nov 27 j 01:37	0°♐	
evening rise	-597 Dec 09 j 05:33	19°♐58'20	
	-597 Dec 15 j 05:27	0°♑	
evening max el	-597 Dec 28 j 06:11	18°♑59'22	18°23'58
asc. node	-597 Dec 28 j 19:31	19°♑32'11	
retrograde	-596 Jan 03 j 18:56	22°♑33'34	
evening set	-596 Jan 06 j 17:12	21°♑46'52	
inferior conj	-596 Jan 12 j 17:52	16°♑16'37	3°42'16
minimum elong	-596 Jan 12 j 16:00	16°♑22'00	3°42'02
min. Earth dist.	-596 Jan 14 j 23:13	13°♑44'20	0.64083 AU
morning rise	-596 Jan 18 j 13:20	10°♑12'07	
direct	-596 Jan 25 j 11:19	7°♑22'41	
desc. node	-596 Feb 06 j 21:01	14°♑01'31	
morning max el	-596 Feb 08 j 01:42	15°♑11'01	27°29'52
	-596 Feb 20 j 05:29	0°♒	
	-596 Mar 09 j 14:19	0°♓	
morning set	-596 Mar 14 j 00:39	8°♓29'35	
max. Earth dist.	-596 Mar 19 j 01:18	18°♓42'03	1.33446 AU
superior conj	-596 Mar 21 j 23:21	24°♓51'14	0°-39'-15
minimum elong	-596 Mar 22 j 01:13	25°♓01'11	0°38'54
	-596 Mar 24 j 09:06	0°♈	
asc. node	-596 Mar 25 j 18:51	3°♈00'59	
evening rise	-596 Mar 29 j 04:58	10°♈17'30	
	-596 Apr 08 j 11:58	0°♉	
evening max el	-596 Apr 20 j 00:49	15°♉19'14	22°35'00
retrograde	-596 May 03 j 03:07	21°♉46'36	
desc. node	-596 May 04 j 20:13	21°♉40'05	
evening set	-596 May 06 j 05:50	21°♉25'22	
min. Earth dist.	-596 May 14 j 09:04	17°♉53'14	0.55350 AU
inferior conj	-596 May 15 j 13:09	17°♉13'14	-2°-52'-56
minimum elong	-596 May 15 j 06:16	17°♉23'03	2°50'57
morning rise	-596 May 24 j 09:04	13°♉19'18	
direct	-596 May 27 j 04:13	13°♉01'13	
morning max el	-596 Jun 07 j 12:00	18°♉17'44	20°58'05
	-596 Jun 16 j 16:34	0°♊	
asc. node	-596 Jun 21 j 18:07	8°♊51'46	
morning set	-596 Jun 26 j 23:16	19°♊12'08	
	-596 Jul 02 j 03:56	0°♋	
superior conj	-596 Jul 04 j 12:03	4°♋50'21	1°40'38
minimum elong	-596 Jul 04 j 10:12	4°♋40'53	1°40'30
max. Earth dist.	-596 Jul 08 j 21:04	13°♋40'22	1.35626 AU
evening rise	-596 Jul 13 j 03:27	21°♋53'57	
	-596 Jul 17 j 13:52	0°♌	
desc. node	-596 Jul 31 j 19:34	23°♌00'00	
	-596 Aug 05 j 19:14	0°♍	
evening max el	-596 Aug 17 j 15:59	13°♍57'22	26°27'53
retrograde	-596 Aug 30 j 11:20	21°♍09'39	
evening set	-596 Sep 05 j 23:06	18°♍28'44	
min. Earth dist.	-596 Sep 10 j 01:57	14°♍09'45	0.66162 AU
inferior conj	-596 Sep 11 j 15:42	12°♍15'02	-2°00'-52
minimum elong	-596 Sep 11 j 18:43	12°♍05'51	1°59'42
morning rise	-596 Sep 17 j 15:23	6°♍25'59	
asc. node	-596 Sep 17 j 17:18	6°♍23'21	
direct	-596 Sep 20 j 14:34	5°♍36'08	
morning max el	-596 Sep 27 j 08:17	9°♍20'27	18°40'44
	-596 Oct 11 j 22:33	0°♎	
morning set	-596 Oct 18 j 00:52	9°♎42'50	
desc. node	-596 Oct 27 j 18:51	25°♎10'41	
	-596 Oct 30 j 20:18	0°♏	
superior conj	-596 Nov 03 j 01:50	5°♏04'57	0°-40'-18
minimum elong	-596 Nov 02 j 20:37	4°♏44'24	0°39'38
max. Earth dist.	-596 Nov 03 j 02:52	5°♏09'00	1.44996 AU
	-596 Nov 18 j 19:51	0°♐	
evening rise	-596 Nov 19 j 00:03	0°♐16'46	
	-596 Dec 08 j 13:31	0°♑	
evening max el	-596 Dec 10 j 16:48	2°♑24'43	18°57'09
asc. node	-596 Dec 14 j 16:33	5°♑33'09	
retrograde	-596 Dec 17 j 13:13	6°♑17'52	
evening set	-596 Dec 20 j 17:19	5°♑19'50	
inferior conj	-596 Dec 26 j 11:16	29°♐32'17	3°17'58
minimum elong	-596 Dec 26 j 08:35	29°♐40'40	3°17'24
	-596 Dec 26 j 02:21	30°℞♐	
min. Earth dist.	-596 Dec 28 j 01:25	27°♐33'43	0.65518 AU
morning rise	-596 Dec 31 j 22:53	23°♐21'44	
direct	-595 Jan 07 j 11:51	20°♐32'15	
morning max el	-595 Jan 20 j 11:25	28°♐08'14	26°41'49
	-595 Jan 22 j 06:24	0°♑	
desc. node	-595 Jan 23 j 18:03	1°♑38'30	
	-595 Feb 12 j 23:12	0°♒	
morning set	-595 Feb 25 j 09:10	21°♒52'52	
max. Earth dist.	-595 Mar 01 j 17:15	0°♓19'53	1.34619 AU
	-595 Mar 01 j 13:16	0°♓	
superior conj	-595 Mar 06 j 00:00	9°♓02'37	-1°-5'-15
minimum elong	-595 Mar 06 j 03:01	9°♓18'13	1°04'45
asc. node	-595 Mar 12 j 15:54	22°♓58'48	
evening rise	-595 Mar 13 j 14:18	24°♓55'10	
	-595 Mar 16 j 01:58	0°♈	
evening max el	-595 Apr 01 j 23:56	26°♈12'49	21°06'07
	-595 Apr 06 j 22:59	0°♉	
retrograde	-595 Apr 13 j 16:47	1°♉52'39	
evening set	-595 Apr 16 j 00:24	1°♉40'08	
	-595 Apr 20 j 23:33	30°℞♈	
desc. node	-595 Apr 21 j 17:15	29°♈38'34	
inferior conj	-595 Apr 25 j 07:39	27°♈41'33	-1°-1'-32
minimum elong	-595 Apr 25 j 04:44	27°♈45'40	1°00'31
min. Earth dist.	-595 Apr 25 j 22:04	27°♈21'12	0.55024 AU
morning rise	-595 May 04 j 08:42	23°♈37'53	
direct	-595 May 07 j 14:45	23°♈15'01	
morning max el	-595 May 20 j 11:20	29°♈23'57	22°31'11
	-595 May 21 j 02:24	0°♉	
asc. node	-595 Jun 08 j 15:10	28°♉25'01	
	-595 Jun 09 j 09:59	0°♊	
morning set	-595 Jun 11 j 09:41	4°♊05'53	
superior conj	-595 Jun 18 j 15:17	19°♊26'54	1°28'22
minimum elong	-595 Jun 18 j 12:50	19°♊13'57	1°28'04
max. Earth dist.	-595 Jun 21 j 15:28	25°♊45'07	1.34241 AU
	-595 Jun 23 j 17:14	0°♋	
evening rise	-595 Jun 26 j 12:55	5°♋37'06	
	-595 Jul 10 j 06:06	0°♌	
desc. node	-595 Jul 18 j 16:36	12°♌35'14	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening max el	-595 Jul 31 j 03:46	27°♌24'01	27°10'09
	-595 Aug 03 j 01:55	0°♍	
retrograde	-595 Aug 13 j 11:47	4°♍43'20	
evening set	-595 Aug 20 j 10:48	1°♍57'58	
	-595 Aug 22 j 15:09	30°℞♌	
min. Earth dist.	-595 Aug 24 j 06:31	28°♌16'37	0.64977 AU
inferior conj	-595 Aug 26 j 09:13	25°♌54'51	-2°-54'-11
minimum elong	-595 Aug 26 j 13:23	25°♌43'13	2°52'49
morning rise	-595 Sep 01 j 17:32	20°♌20'20	
direct	-595 Sep 04 j 10:01	19°♌41'49	
asc. node	-595 Sep 04 j 14:21	19°♌42'00	
morning max el	-595 Sep 10 j 22:31	23°♌12'24	18°08'47
	-595 Sep 16 j 08:10	0°♍	
morning set	-595 Sep 29 j 02:18	20°♍35'33	
	-595 Oct 04 j 18:50	0°♎	
superior conj	-595 Oct 13 j 06:28	13°♎43'00	0°09'09
minimum elong	-595 Oct 13 j 07:35	13°♎47'30	0°08'59
behind sun begin	-595 Oct 12 j 22:30	13°♎11'14	
behind sun end	-595 Oct 13 j 16:41	14°♎23'44	
desc. node	-595 Oct 14 j 15:54	15°♎56'02	
max. Earth dist.	-595 Oct 16 j 21:44	19°♎29'10	1.44778 AU
	-595 Oct 23 j 14:34	0°♏	
evening rise	-595 Oct 29 j 20:01	9°♏40'58	
	-595 Nov 12 j 02:09	0°♐	
greatest brilliancy	-595 Nov 16 j 06:44	6°♐07'43	-0.6m
evening max el	-595 Nov 23 j 23:25	15°♐52'01	19°46'36
retrograde	-595 Dec 01 j 10:23	20°♐12'56	
asc. node	-595 Dec 01 j 13:36	20°♐12'50	
evening set	-595 Dec 04 j 22:02	19°♐01'49	
inferior conj	-595 Dec 10 j 11:24	13°♐00'01	2°43'23
minimum elong	-595 Dec 10 j 08:34	13°♐09'21	2°42'33
min. Earth dist.	-595 Dec 11 j 11:44	11°♐39'40	0.66566 AU
morning rise	-595 Dec 15 j 18:28	6°♐45'39	
direct	-595 Dec 21 j 18:11	4°♐07'27	
morning max el	-594 Jan 02 j 20:34	11°♐18'27	25°30'39
desc. node	-594 Jan 10 j 15:06	20°♐15'17	
	-594 Jan 17 j 19:55	0°♑	
	-594 Feb 05 j 14:54	0°♒	
morning set	-594 Feb 08 j 02:02	4°♒24'53	
max. Earth dist.	-594 Feb 11 j 21:28	11°♒28'40	1.36237 AU
superior conj	-594 Feb 17 j 16:15	22°♒43'43	-1°-28'-59
minimum elong	-594 Feb 17 j 19:58	23°♒02'15	1°28'31
	-594 Feb 21 j 06:43	0°♓	
evening rise	-594 Feb 25 j 19:26	9°♓13'59	
asc. node	-594 Feb 27 j 12:56	12°♓42'45	
	-594 Mar 09 j 04:42	0°♈	
evening max el	-594 Mar 15 j 09:55	7°♈41'10	19°52'26
retrograde	-594 Mar 25 j 09:53	12°♈28'36	
evening set	-594 Mar 27 j 13:04	12°♈16'28	
inferior conj	-594 Apr 05 j 07:25	8°♈15'13	0°55'20
minimum elong	-594 Apr 05 j 09:46	8°♈11'35	0°54'32
min. Earth dist.	-594 Apr 07 j 12:18	6°♈54'03	0.55652 AU
desc. node	-594 Apr 08 j 14:17	6°♈15'39	
morning rise	-594 Apr 14 j 03:20	3°♈44'00	
direct	-594 Apr 18 j 06:33	3°♈06'11	
morning max el	-594 May 02 j 03:41	10°♈01'02	24°11'49
	-594 May 17 j 00:05	0°♉	
morning set	-594 May 26 j 21:35	19°♉04'39	
asc. node	-594 May 26 j 12:14	18°♉15'36	
	-594 May 31 j 23:45	0°♊	
superior conj	-594 Jun 02 j 23:21	4°♊17'49	1°11'28
minimum elong	-594 Jun 02 j 20:53	4°♊04'29	1°11'05
max. Earth dist.	-594 Jun 04 j 18:44	8°♊11'18	1.33245 AU
evening rise	-594 Jun 10 j 09:05	19°♊52'17	
	-594 Jun 15 j 13:52	0°♋	
	-594 Jul 04 j 09:31	0°♌	
desc. node	-594 Jul 05 j 13:38	1°♌30'37	
evening max el	-594 Jul 13 j 14:03	10°♌29'10	27°25'25
retrograde	-594 Jul 27 j 06:31	17°♌49'33	
evening set	-594 Aug 03 j 11:05	15°♌11'26	
min. Earth dist.	-594 Aug 07 j 01:43	12°♌03'24	0.63420 AU
inferior conj	-594 Aug 09 j 17:43	9°♌22'02	-3°-42'-15
minimum elong	-594 Aug 09 j 22:21	9°♌10'19	3°41'06
morning rise	-594 Aug 16 j 11:49	4°♌05'18	
direct	-594 Aug 19 j 00:05	3°♌34'53	
asc. node	-594 Aug 22 j 11:25	4°♌33'46	
morning max el	-594 Aug 25 j 14:12	7°♌00'14	17°54'21
	-594 Sep 09 j 16:11	0°♍	
morning set	-594 Sep 11 j 04:53	2°♍40'18	
superior conj	-594 Sep 23 j 08:42	23°♍26'51	0°52'20
minimum elong	-594 Sep 23 j 13:31	23°♍46'50	0°51'43
	-594 Sep 27 j 08:37	0°♎	
max. Earth dist.	-594 Sep 29 j 13:56	3°♎35'06	1.43854 AU
desc. node	-594 Oct 01 j 12:58	6°♎42'56	
evening rise	-594 Oct 09 j 03:02	18°♎35'50	
	-594 Oct 16 j 14:26	0°♏	
greatest brilliancy	-594 Nov 01 j 08:33	22°♏37'29	-0.5m
evening max el	-594 Nov 07 j 00:38	29°♏20'11	20°50'06
	-594 Nov 07 j 16:31	0°♐	
retrograde	-594 Nov 15 j 08:00	4°♐15'23	
asc. node	-594 Nov 18 j 10:38	3°♐20'23	
evening set	-594 Nov 19 j 05:14	2°♐49'09	
	-594 Nov 22 j 01:37	30°℞♏	
inferior conj	-594 Nov 24 j 15:49	26°♏36'35	2°01'12
minimum elong	-594 Nov 24 j 13:23	26°♏44'53	2°00'19
min. Earth dist.	-594 Nov 25 j 03:59	25°♏54'56	0.67245 AU
morning rise	-594 Nov 29 j 21:06	20°♏20'43	
direct	-594 Dec 05 j 05:48	18°♏01'06	
morning max el	-594 Dec 16 j 05:04	24°♏33'51	24°06'19
	-594 Dec 21 j 02:25	0°♐	
desc. node	-594 Dec 28 j 12:10	9°♐34'39	
	-593 Jan 11 j 07:18	0°♑	
morning set	-593 Jan 20 j 21:20	15°♑49'32	
max. Earth dist.	-593 Jan 24 j 17:28	22°♑34'16	1.38214 AU
	-593 Jan 28 j 19:13	0°♒	
superior conj	-593 Jan 31 j 20:37	5°♒45'34	-1°-48'-8
minimum elong	-593 Feb 01 j 00:04	6°♒02'00	1°47'52
evening rise	-593 Feb 09 j 17:59	23°♒07'22	
	-593 Feb 13 j 06:59	0°♓	
asc. node	-593 Feb 14 j 10:00	2°♓07'28	
evening max el	-593 Feb 26 j 06:39	19°♓47'29	18°57'45
retrograde	-593 Mar 06 j 17:18	23°♓51'41	
evening set	-593 Mar 08 j 23:51	23°♓35'12	
inferior conj	-593 Mar 17 j 00:04	19°♓19'09	2°27'44
minimum elong	-593 Mar 17 j 04:32	19°♓11'14	2°26'33
min. Earth dist.	-593 Mar 20 j 04:25	17°♓04'45	0.57096 AU
morning rise	-593 Mar 25 j 05:01	14°♓15'20	
desc. node	-593 Mar 26 j 11:19	13°♓47'36	
direct	-593 Mar 30 j 11:48	13°♓08'42	
morning max el	-593 Apr 13 j 18:43	20°♓33'37	25°46'13
	-593 Apr 21 j 21:28	0°♈	
	-593 May 09 j 10:30	0°♉	
morning set	-593 May 11 j 09:19	4°♉02'55	
asc. node	-593 May 13 j 09:18	8°♉18'01	
superior conj	-593 May 18 j 10:11	19°♉16'07	0°50'58
minimum elong	-593 May 18 j 08:09	19°♉05'03	0°50'36
max. Earth dist.	-593 May 19 j 04:30	20°♉56'16	1.32629 AU
	-593 May 23 j 09:16	0°♊	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening rise	-593 May 25 j 12:40	4°♊29'20	
	-593 Jun 08 j 07:02	0°♋	
desc. node	-593 Jun 22 j 10:39	19°♋29'33	
evening max el	-593 Jun 25 j 20:41	23°♋01'02	27°08'51
	-593 Jul 07 j 01:55	0°♌	
retrograde	-593 Jul 09 j 18:30	0°♌18'58	
	-593 Jul 12 j 09:38	30°℞♋	
evening set	-593 Jul 16 j 19:52	28°♋02'09	
min. Earth dist.	-593 Jul 20 j 10:48	25°♋17'12	0.61550 AU
inferior conj	-593 Jul 23 j 14:02	22°♋29'24	-4°-20'-15
minimum elong	-593 Jul 23 j 17:53	22°♋20'47	4°19'41
morning rise	-593 Jul 30 j 18:44	17°♋33'11	
direct	-593 Aug 02 j 05:17	17°♋08'13	
morning max el	-593 Aug 09 j 04:23	20°♋36'54	17°58'24
asc. node	-593 Aug 09 j 08:29	20°♋47'01	
	-593 Aug 16 j 05:21	0°♌	
morning set	-593 Aug 25 j 02:37	15°♌39'55	
	-593 Sep 02 j 00:37	0°♍	
superior conj	-593 Sep 04 j 14:20	4°♍31'23	1°23'03
minimum elong	-593 Sep 04 j 19:00	4°♍51'41	1°22'35
max. Earth dist.	-593 Sep 12 j 01:25	17°♍11'08	1.42358 AU
desc. node	-593 Sep 18 j 10:00	27°♍27'45	
evening rise	-593 Sep 18 j 14:52	27°♍46'58	
	-593 Sep 20 j 00:39	0°♎	
	-593 Oct 10 j 08:53	0°♏	
greatest brilliancy	-593 Oct 16 j 02:25	7°♏27'18	-0.3m
evening max el	-593 Oct 20 j 20:05	12°♏48'42	22°04'11
retrograde	-593 Oct 30 j 04:06	18°♏21'44	
evening set	-593 Nov 03 j 13:04	16°♏38'21	
asc. node	-593 Nov 05 j 07:41	14°♏56'58	
inferior conj	-593 Nov 08 j 22:24	10°♏18'39	1°13'17
minimum elong	-593 Nov 08 j 20:47	10°♏24'16	1°12'37
min. Earth dist.	-593 Nov 08 j 23:36	10°♏14'30	0.67585 AU
morning rise	-593 Nov 14 j 04:17	4°♏03'47	
direct	-593 Nov 18 j 21:46	2°♏06'14	
morning max el	-593 Nov 28 j 15:22	7°♏52'49	22°38'41
greatest brilliancy	-593 Dec 03 j 06:48	13°♏04'52	-0.3m
desc. node	-593 Dec 15 j 09:13	29°♏23'50	
	-593 Dec 15 j 19:12	0°♐	
morning set	-592 Jan 01 j 12:55	25°♐51'01	
	-592 Jan 04 j 01:07	0°♑	
max. Earth dist.	-592 Jan 06 j 13:15	4°♑13'33	1.40338 AU
superior conj	-592 Jan 14 j 08:26	17°♑55'45	-1°-59'-30
minimum elong	-592 Jan 14 j 09:59	18°♑02'46	1°59'28
	-592 Jan 20 j 20:56	0°♒	
evening rise	-592 Jan 24 j 06:51	6°♒27'17	
asc. node	-592 Feb 01 j 07:01	21°♒05'47	
	-592 Feb 07 j 06:56	0°♓	
evening max el	-592 Feb 09 j 11:37	2°♓24'43	18°23'05
retrograde	-592 Feb 16 j 19:33	6°♓01'50	
evening set	-592 Feb 19 j 06:48	5°♓38'21	
inferior conj	-592 Feb 26 j 13:37	1°♓01'30	3°24'36
minimum elong	-592 Feb 26 j 16:56	0°♓54'37	3°24'04
	-592 Feb 27 j 19:08	30°℞♒	
min. Earth dist.	-592 Feb 29 j 23:57	28°♒12'29	0.59042 AU
morning rise	-592 Mar 04 j 23:25	25°♒31'17	
direct	-592 Mar 11 j 06:07	23°♒47'18	
desc. node	-592 Mar 12 j 08:21	23°♒50'25	
	-592 Mar 24 j 00:07	0°♓	
morning max el	-592 Mar 25 j 13:35	1°♓27'49	26°59'28
	-592 Apr 15 j 00:30	0°♈	
morning set	-592 Apr 24 j 19:14	18°♈54'39	
asc. node	-592 Apr 29 j 06:21	28°♈27'13	
	-592 Apr 29 j 23:22	0°♉	
superior conj	-592 May 01 j 21:57	4°♉15'18	0°27'43
minimum elong	-592 May 01 j 20:44	4°♉08'41	0°27'29
max. Earth dist.	-592 May 01 j 17:17	3°♉49'44	1.32375 AU
evening rise	-592 May 08 j 21:03	19°♉19'25	
	-592 May 14 j 03:56	0°♊	
	-592 Jun 02 j 08:24	0°♋	
evening max el	-592 Jun 06 j 21:20	4°♋50'14	26°19'32
desc. node	-592 Jun 08 j 07:38	6°♋08'46	
retrograde	-592 Jun 20 j 22:04	12°♋04'22	
evening set	-592 Jun 27 j 08:37	10°♋21'21	
min. Earth dist.	-592 Jul 01 j 10:23	7°♋43'43	0.59507 AU
inferior conj	-592 Jul 04 j 18:38	5°♋08'03	-4°-40'-28
minimum elong	-592 Jul 04 j 19:47	5°♋05'48	4°40'26
morning rise	-592 Jul 12 j 10:23	0°♋34'26	
direct	-592 Jul 14 j 21:33	0°♋12'57	
morning max el	-592 Jul 22 j 14:05	3°♋54'49	18°22'05
asc. node	-592 Jul 26 j 05:34	8°♋06'44	
morning set	-592 Aug 07 j 14:16	29°♋20'50	
	-592 Aug 07 j 22:28	0°♌	
superior conj	-592 Aug 16 j 20:17	16°♌48'37	1°40'44
minimum elong	-592 Aug 16 j 22:56	17°♌00'49	1°40'35
	-592 Aug 24 j 06:06	0°♍	
max. Earth dist.	-592 Aug 24 j 07:49	0°♍07'26	1.40484 AU
evening rise	-592 Aug 28 j 22:50	7°♍55'23	
desc. node	-592 Sep 04 j 07:01	18°♍07'16	
	-592 Sep 12 j 02:51	0°♎	
evening max el	-592 Oct 02 j 10:47	26°♎19'23	23°23'52
	-592 Oct 06 j 15:41	0°♏	
retrograde	-592 Oct 12 j 21:20	2°♏29'40	
evening set	-592 Oct 17 j 19:54	0°♏27'52	
	-592 Oct 18 j 08:33	30°℞♎	
asc. node	-592 Oct 22 j 04:44	25°♎28'58	
inferior conj	-592 Oct 23 j 05:24	24°♎04'44	0°21'16
minimum elong	-592 Oct 23 j 04:54	24°♎06'28	0°21'02
min. Earth dist.	-592 Oct 22 j 20:11	24°♎36'20	0.67605 AU
morning rise	-592 Oct 28 j 13:58	17°♎53'29	
direct	-592 Nov 01 j 17:08	16°♎18'20	
morning max el	-592 Nov 10 j 07:07	21°♎19'50	21°16'07
greatest brilliancy	-592 Nov 15 j 14:08	27°♎26'00	-0.4m
	-592 Nov 17 j 13:43	0°♏	
desc. node	-592 Dec 01 j 06:16	19°♏34'34	
	-592 Dec 08 j 02:16	0°♐	
morning set	-592 Dec 11 j 00:19	4°♐33'25	
max. Earth dist.	-592 Dec 18 j 15:38	16°♐49'03	1.42309 AU
superior conj	-592 Dec 25 j 22:17	29°♐01'17	-1°-58'-54
minimum elong	-592 Dec 25 j 19:55	28°♐51'07	1°58'51
	-592 Dec 26 j 11:57	0°♑	
evening rise	-591 Jan 06 j 06:28	19°♑06'21	
	-591 Jan 12 j 08:25	0°♒	
asc. node	-591 Jan 18 j 04:02	9°♒29'39	
evening max el	-591 Jan 22 j 21:46	15°♒24'23	18°08'17
retrograde	-591 Jan 29 j 14:40	18°♒50'24	
evening set	-591 Feb 01 j 06:01	18°♒18'42	
inferior conj	-591 Feb 07 j 22:33	13°♒19'52	3°49'27
minimum elong	-591 Feb 07 j 23:33	13°♒17'29	3°49'23
min. Earth dist.	-591 Feb 11 j 01:59	10°♒20'40	0.61132 AU
morning rise	-591 Feb 14 j 14:24	7°♒31'31	
direct	-591 Feb 21 j 11:00	5°♒12'39	
desc. node	-591 Feb 27 j 05:24	6°♒40'50	
morning max el	-591 Mar 07 j 14:49	13°♒01'06	27°40'09
	-591 Mar 21 j 03:43	0°♓	
	-591 Apr 07 j 07:28	0°♈	
morning set	-591 Apr 09 j 01:25	3°♈33'03	
max. Earth dist.	-591 Apr 15 j 05:16	16°♈38'05	1.32482 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-591 Apr 16 j 08:58	19°♈09'06	0°02'29
minimum elong	-591 Apr 16 j 08:51	19°♈08'29	0°02'28
behind sun begin	-591 Apr 16 j 03:50	18°♈41'04	
behind sun end	-591 Apr 16 j 13:52	19°♈35'54	
asc. node	-591 Apr 16 j 03:22	18°♈38'33	
	-591 Apr 21 j 08:25	0°♉	
evening rise	-591 Apr 23 j 08:04	4°♉14'31	
	-591 May 07 j 03:48	0°♊	
evening max el	-591 May 19 j 15:13	15°♊55'24	25°02'30
desc. node	-591 May 26 j 04:39	20°♊55'54	
retrograde	-591 Jun 02 j 15:19	23°♊02'37	
evening set	-591 Jun 07 j 22:21	21°♊58'18	
min. Earth dist.	-591 Jun 13 j 02:50	19°♊10'21	0.57528 AU
inferior conj	-591 Jun 16 j 04:05	17°♊07'22	-4°-31'-45
minimum elong	-591 Jun 16 j 00:51	17°♊12'51	4°31'26
morning rise	-591 Jun 24 j 07:13	12°♊55'48	
direct	-591 Jun 26 j 20:22	12°♊36'46	
morning max el	-591 Jul 05 j 16:20	16°♊44'17	19°06'27
asc. node	-591 Jul 13 j 02:37	26°♊17'42	
	-591 Jul 15 j 07:46	0°♋	
morning set	-591 Jul 22 j 11:43	13°♋31'25	
superior conj	-591 Jul 30 j 20:48	0°♌02'05	1°47'20
minimum elong	-591 Jul 30 j 21:16	0°♌04'21	1°47'19
	-591 Jul 30 j 20:22	0°♌	
max. Earth dist.	-591 Aug 06 j 10:56	12°♌22'16	1.38475 AU
evening rise	-591 Aug 10 j 07:51	19°♌14'39	
	-591 Aug 16 j 17:20	0°♍	
desc. node	-591 Aug 22 j 04:02	8°♍36'43	
	-591 Sep 06 j 07:37	0°♎	
evening max el	-591 Sep 14 j 22:40	9°♎52'40	24°42'52
retrograde	-591 Sep 26 j 10:44	16°♎35'06	
evening set	-591 Oct 02 j 00:00	14°♎15'15	
min. Earth dist.	-591 Oct 06 j 15:20	8°♎58'08	0.67305 AU
inferior conj	-591 Oct 07 j 11:04	7°♎52'31	0°-33'-22
minimum elong	-591 Oct 07 j 11:53	7°♎49'47	0°33'02
asc. node	-591 Oct 09 j 01:47	5°♎46'23	
morning rise	-591 Oct 13 j 00:12	1°♎47'36	
direct	-591 Oct 16 j 14:42	0°♎32'51	
morning max el	-591 Oct 24 j 06:25	4°♎57'02	20°04'21
greatest brilliancy	-591 Oct 31 j 09:38	13°♎40'00	-0.6m
	-591 Nov 11 j 14:06	0°♏	
desc. node	-591 Nov 18 j 03:19	10°♏00'19	
morning set	-591 Nov 19 j 21:04	12°♏41'22	
	-591 Nov 30 j 21:46	0°♐	
max. Earth dist.	-591 Dec 01 j 01:40	0°♐15'37	1.43848 AU
superior conj	-591 Dec 06 j 09:35	8°♐52'12	-1°-41'-56
minimum elong	-591 Dec 06 j 02:40	8°♐23'57	1°41'26
	-591 Dec 18 j 23:30	0°♑	
evening rise	-591 Dec 19 j 12:34	0°♑56'12	
asc. node	-590 Jan 05 j 01:03	27°♑08'45	
evening max el	-590 Jan 06 j 10:09	28°♑38'48	18°12'53
	-590 Jan 07 j 21:42	0°♒	
retrograde	-590 Jan 12 j 22:05	2°♒07'05	
evening set	-590 Jan 15 j 17:32	1°♒26'16	
	-590 Jan 17 j 23:16	30°℞♑	
inferior conj	-590 Jan 21 j 23:08	26°♑06'51	3°50'06
minimum elong	-590 Jan 21 j 22:06	26°♑09'40	3°50'03
min. Earth dist.	-590 Jan 24 j 13:12	23°♑19'50	0.63081 AU
morning rise	-590 Jan 28 j 00:48	20°♑06'44	
direct	-590 Feb 04 j 00:43	17°♑24'15	
desc. node	-590 Feb 14 j 02:27	21°♑50'29	
morning max el	-590 Feb 17 j 21:34	25°♑15'29	27°43'54
	-590 Feb 22 j 06:29	0°♒	
	-590 Mar 14 j 13:56	0°♓	
morning set	-590 Mar 24 j 01:41	17°♓50'46	
max. Earth dist.	-590 Mar 29 j 12:24	29°♓07'20	1.32973 AU
	-590 Mar 29 j 22:18	0°♈	
superior conj	-590 Mar 31 j 17:35	3°♈52'00	0°-23'-54
minimum elong	-590 Mar 31 j 18:43	3°♈58'07	0°23'41
asc. node	-590 Apr 03 j 00:24	8°♈48'14	
evening rise	-590 Apr 07 j 19:54	19°♈08'08	
	-590 Apr 13 j 04:26	0°♉	
evening max el	-590 May 01 j 05:49	26°♉33'27	23°29'39
	-590 May 05 j 09:11	0°♊	
desc. node	-590 May 13 j 01:38	3°♊14'25	
retrograde	-590 May 14 j 20:36	3°♊21'43	
evening set	-590 May 18 j 17:01	2°♊49'04	
	-590 May 24 j 23:52	30°℞♉	
min. Earth dist.	-590 May 25 j 16:12	29°♉36'17	0.55946 AU
inferior conj	-590 May 27 j 17:29	28°♉22'52	-3°-42'-4
minimum elong	-590 May 27 j 10:40	28°♉33'03	3°40'31
morning rise	-590 Jun 05 j 07:50	24°♉26'32	
direct	-590 Jun 07 j 23:45	24°♉08'59	
morning max el	-590 Jun 18 j 08:40	28°♉56'44	20°11'42
	-590 Jun 19 j 10:40	0°♊	
asc. node	-590 Jun 29 j 23:41	15°♊08'01	
morning set	-590 Jul 06 j 15:59	28°♊03'45	
	-590 Jul 07 j 14:49	0°♋	
superior conj	-590 Jul 14 j 10:44	13°♋56'59	1°45'07
minimum elong	-590 Jul 14 j 09:33	13°♋50'59	1°45'04
max. Earth dist.	-590 Jul 19 j 15:50	24°♋12'05	1.36585 AU
	-590 Jul 22 j 17:45	0°♌	
evening rise	-590 Jul 23 j 15:34	1°♌40'15	
desc. node	-590 Aug 09 j 01:01	28°♌50'54	
	-590 Aug 09 j 19:37	0°♍	
evening max el	-590 Aug 28 j 09:54	23°♍28'06	25°53'47
	-590 Sep 06 j 17:16	0°♎	
retrograde	-590 Sep 09 j 19:39	0°♎33'20	
	-590 Sep 12 j 17:30	30°℞♍	
evening set	-590 Sep 15 j 23:33	27°♍58'23	
min. Earth dist.	-590 Sep 20 j 06:43	23°♍17'43	0.66676 AU
inferior conj	-590 Sep 21 j 13:39	21°♍40'01	-1°-29'-5
minimum elong	-590 Sep 21 j 15:53	21°♍32'57	1°28'10
asc. node	-590 Sep 25 j 22:52	16°♍46'54	
morning rise	-590 Sep 27 j 09:02	15°♍44'18	
direct	-590 Sep 30 j 13:01	14°♍46'34	
morning max el	-590 Oct 07 j 13:00	18°♍43'02	19°06'40
	-590 Oct 16 j 06:13	0°♎	
morning set	-590 Oct 30 j 03:38	21°♎25'14	
	-590 Nov 04 j 15:04	0°♏	
desc. node	-590 Nov 05 j 00:20	0°♏36'18	
max. Earth dist.	-590 Nov 13 j 17:05	14°♏15'44	1.44774 AU
superior conj	-590 Nov 15 j 20:04	17°♏37'01	-1°-6'-53
minimum elong	-590 Nov 15 j 12:23	17°♏06'38	1°06'00
	-590 Nov 23 j 14:24	0°♐	
evening rise	-590 Nov 30 j 20:49	11°♐48'28	
	-590 Dec 12 j 01:36	0°♑	
evening max el	-590 Dec 20 j 22:05	12°♑01'04	18°36'02
asc. node	-590 Dec 22 j 22:06	13°♑49'33	
retrograde	-590 Dec 27 j 13:25	15°♑42'33	
evening set	-590 Dec 30 j 13:52	14°♑51'25	
inferior conj	-589 Jan 05 j 11:23	9°♑13'34	3°33'27
minimum elong	-589 Jan 05 j 09:04	9°♑20'28	3°33'05
min. Earth dist.	-589 Jan 07 j 10:14	6°♑54'24	0.64730 AU
morning rise	-589 Jan 11 j 03:02	3°♑05'56	
direct	-589 Jan 17 j 21:48	0°♑14'37	
morning max el	-589 Jan 31 j 06:55	8°♑00'10	27°12'53
desc. node	-589 Jan 31 j 23:30	8°♑42'15	
	-589 Feb 17 j 09:33	0°♒	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-589 Mar 06 j 20:55	0°♓	
morning set	-589 Mar 07 j 17:00	1°♓37'07	
max. Earth dist.	-589 Mar 12 j 10:34	11°♓04'06	1.33885 AU
	-589 Mar 15 j 21:47	18°♓16'38	0°-50'-26
minimum elong	-589 Mar 16 j 00:10	18°♓29'11	0°50'00
asc. node	-589 Mar 20 j 21:25	28°♓51'20	
	-589 Mar 21 j 10:23	0°♈	
evening rise	-589 Mar 23 j 06:39	3°♈52'55	
	-589 Apr 06 j 20:36	0°♉	
evening max el	-589 Apr 13 j 00:03	7°♉13'32	21°55'46
retrograde	-589 Apr 25 j 14:11	13°♉22'34	
evening set	-589 Apr 28 j 06:26	13°♉06'36	
desc. node	-589 Apr 29 j 22:40	12°♉41'19	
min. Earth dist.	-589 May 07 j 05:18	9°♉16'33	0.55096 AU
inferior conj	-589 May 07 j 15:38	9°♉02'01	-2°-8'-39
minimum elong	-589 May 07 j 09:55	9°♉10'04	2°06'48
morning rise	-589 May 16 j 14:40	5°♉06'00	
direct	-589 May 19 j 13:05	4°♉46'51	
morning max el	-589 May 31 j 13:54	10°♉26'15	21°36'01
	-589 Jun 14 j 12:05	0°♊	
asc. node	-589 Jun 16 j 20:44	4°♊27'34	
morning set	-589 Jun 21 j 00:43	12°♊50'58	
superior conj	-589 Jun 28 j 10:01	28°♊20'53	1°36'03
minimum elong	-589 Jun 28 j 07:51	28°♊09'33	1°35'52
	-589 Jun 29 j 05:05	0°♋	
max. Earth dist.	-589 Jul 02 j 04:20	6°♋04'36	1.34991 AU
evening rise	-589 Jul 06 j 17:01	14°♋59'04	
	-589 Jul 14 j 23:59	0°♌	
desc. node	-589 Jul 26 j 22:02	18°♌42'54	
	-589 Aug 04 j 11:06	0°♍	
evening max el	-589 Aug 10 j 21:45	7°♍01'15	26°48'49
retrograde	-589 Aug 23 j 23:30	14°♍18'08	
evening set	-589 Aug 30 j 16:22	11°♍34'15	
min. Earth dist.	-589 Sep 03 j 16:02	7°♍31'15	0.65696 AU
inferior conj	-589 Sep 05 j 11:10	5°♍24'20	-2°-23'-56
minimum elong	-589 Sep 05 j 14:43	5°♍13'52	2°22'38
	-589 Sep 11 j 00:55	30°℞♌	
morning rise	-589 Sep 11 j 14:21	29°♌40'55	
asc. node	-589 Sep 12 j 19:56	29°♌10'38	
direct	-589 Sep 14 j 10:17	28°♌56'24	
	-589 Sep 17 j 21:19	0°♍	
morning max el	-589 Sep 21 j 01:08	2°♍34'14	18°25'00
	-589 Oct 09 j 14:31	0°♎	
morning set	-589 Oct 10 j 12:40	1°♎29'52	
desc. node	-589 Oct 22 j 21:22	21°♎19'14	
superior conj	-589 Oct 25 j 20:24	25°♎59'45	0°-19'-15
minimum elong	-589 Oct 25 j 17:52	25°♎49'44	0°18'56
max. Earth dist.	-589 Oct 27 j 11:25	28°♎33'22	1.44988 AU
	-589 Oct 28 j 09:27	0°♏	
evening rise	-589 Nov 11 j 05:11	21°♏41'54	
	-589 Nov 16 j 11:51	0°♐	
greatest brilliancy	-589 Nov 24 j 11:57	12°♐24'04	-0.7m
evening max el	-589 Dec 04 j 07:17	25°♐27'45	19°16'24
asc. node	-589 Dec 09 j 19:10	29°♐17'41	
retrograde	-589 Dec 11 j 09:08	29°♐31'39	
evening set	-589 Dec 14 j 16:12	28°♐28'24	
inferior conj	-589 Dec 20 j 08:00	22°♐34'42	3°04'24
minimum elong	-589 Dec 20 j 05:10	22°♐43'45	3°03'41
min. Earth dist.	-589 Dec 21 j 16:10	20°♐51'51	0.66009 AU
morning rise	-589 Dec 25 j 17:18	16°♐22'18	
direct	-588 Jan 01 j 01:06	13°♐36'05	
morning max el	-588 Jan 13 j 16:20	21°♐03'19	26°13'45
desc. node	-588 Jan 18 j 20:34	26°♐47'01	
	-588 Jan 21 j 11:05	0°♑	
	-588 Feb 10 j 13:36	0°♒	
morning set	-588 Feb 18 j 19:29	14°♒40'07	
max. Earth dist.	-588 Feb 22 j 21:04	22°♒25'47	1.35253 AU
	-588 Feb 26 j 16:27	0°♓	
superior conj	-588 Feb 27 j 19:14	2°♓16'04	-1°-15'-43
minimum elong	-588 Feb 27 j 22:38	2°♓33'22	1°15'12
evening rise	-588 Mar 06 j 14:26	18°♓22'52	
asc. node	-588 Mar 06 j 18:28	18°♓43'35	
	-588 Mar 12 j 11:39	0°♈	
evening max el	-588 Mar 25 j 03:44	18°♈21'05	20°32'38
retrograde	-588 Apr 05 j 03:15	23°♈37'35	
evening set	-588 Apr 07 j 07:34	23°♈25'59	
desc. node	-588 Apr 15 j 19:44	19°♈50'06	
inferior conj	-588 Apr 16 j 10:35	19°♈28'38	0°-10'-35
minimum elong	-588 Apr 16 j 10:05	19°♈29'21	0°10'25
transit middle	-588 Apr 16 j 10:05	19°♈29'21	0°10'25
transit begin	-588 Apr 16 j 07:01	19°♈33'48	
transit end	-588 Apr 16 j 13:09	19°♈24'55	
min. Earth dist.	-588 Apr 17 j 18:52	18°♈41'53	0.55184 AU
morning rise	-588 Apr 25 j 10:49	15°♈14'42	
direct	-588 Apr 29 j 00:56	14°♈46'47	
morning max el	-588 May 12 j 09:31	21°♈17'03	23°13'39
	-588 May 19 j 20:54	0°♉	
asc. node	-588 Jun 02 j 17:46	24°♉08'41	
morning set	-588 Jun 04 j 11:57	27°♉47'11	
	-588 Jun 05 j 13:10	0°♊	
superior conj	-588 Jun 11 j 15:34	13°♊04'07	1°21'41
minimum elong	-588 Jun 11 j 13:03	12°♊50'39	1°21'21
max. Earth dist.	-588 Jun 14 j 02:48	18°♊18'30	1.33776 AU
evening rise	-588 Jun 19 j 07:31	28°♊57'19	
	-588 Jun 19 j 20:11	0°♋	
	-588 Jul 07 j 03:09	0°♌	
desc. node	-588 Jul 12 j 19:04	8°♌02'42	
evening max el	-588 Jul 23 j 09:24	20°♌21'08	27°20'24
retrograde	-588 Aug 05 j 21:32	27°♌40'54	
evening set	-588 Aug 12 j 23:39	24°♌57'25	
min. Earth dist.	-588 Aug 16 j 16:57	21°♌30'46	0.64356 AU
inferior conj	-588 Aug 19 j 01:14	18°♌59'47	-3°-15'-28
minimum elong	-588 Aug 19 j 05:42	18°♌47'46	3°14'09
morning rise	-588 Aug 25 j 13:33	13°♌32'07	
direct	-588 Aug 28 j 03:58	12°♌57'20	
asc. node	-588 Aug 29 j 17:00	13°♌09'41	
morning max el	-588 Sep 03 j 16:15	16°♌24'46	18°00'23
	-588 Sep 13 j 09:20	0°♍	
morning set	-588 Sep 21 j 01:34	12°♍55'36	
	-588 Oct 01 j 06:37	0°♎	
superior conj	-588 Oct 04 j 08:32	5°♎00'54	0°28'46
minimum elong	-588 Oct 04 j 11:46	5°♎13'57	0°28'20
desc. node	-588 Oct 08 j 18:25	12°♎05'24	
max. Earth dist.	-588 Oct 09 j 05:45	12°♎50'26	1.44469 AU
	-588 Oct 20 j 05:08	0°♏	
evening rise	-588 Oct 20 j 17:51	0°♏49'02	
	-588 Nov 09 j 06:42	0°♐	
greatest brilliancy	-588 Nov 09 j 19:46	0°♐44'53	-0.6m
evening max el	-588 Nov 16 j 11:49	8°♐55'38	20°12'07
retrograde	-588 Nov 24 j 06:38	13°♐29'56	
asc. node	-588 Nov 25 j 16:14	13°♐18'44	
evening set	-588 Nov 27 j 22:11	12°♐12'32	
inferior conj	-588 Dec 03 j 10:11	6°♐05'53	2°26'17
minimum elong	-588 Dec 03 j 07:28	6°♐15'00	2°25'23
min. Earth dist.	-588 Dec 04 j 05:09	5°♐02'10	0.66905 AU
morning rise	-588 Dec 08 j 16:12	29°♏50'53	
	-588 Dec 08 j 12:10	30°℞♏	
direct	-588 Dec 14 j 09:46	27°♏19'52	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-588 Dec 21 j 04:00	0°♐	
morning max el	-588 Dec 26 j 00:51	4°♐15'13	24°55'45
desc. node	-587 Jan 04 j 17:38	15°♐43'15	
	-587 Jan 14 j 19:47	0°♑	
morning set	-587 Jan 31 j 03:53	26°♑44'45	
	-587 Feb 01 j 23:24	0°♒	
max. Earth dist.	-587 Feb 03 j 20:59	3°♒28'30	1.37046 AU
superior conj	-587 Feb 10 j 06:55	15°♒41'34	-1°-37'-51
minimum elong	-587 Feb 10 j 10:40	15°♒59'58	1°37'26
	-587 Feb 17 j 10:52	0°♓	
evening rise	-587 Feb 18 j 17:04	2°♓31'30	
asc. node	-587 Feb 21 j 15:32	8°♓20'01	
	-587 Mar 07 j 16:05	0°♈	
evening max el	-587 Mar 07 j 18:31	0°♈05'52	19°26'46
retrograde	-587 Mar 17 j 01:18	4°♈33'02	
evening set	-587 Mar 19 j 05:42	4°♈19'21	
inferior conj	-587 Mar 27 j 16:28	0°♈12'41	1°38'40
minimum elong	-587 Mar 27 j 20:12	0°♈06'36	1°37'29
	-587 Mar 28 j 00:15	30°℞♓	
min. Earth dist.	-587 Mar 30 j 09:26	28°♓27'37	0.56182 AU
desc. node	-587 Apr 02 j 16:46	26°♓33'58	
morning rise	-587 Apr 05 j 07:01	25°♓27'54	
direct	-587 Apr 09 j 21:54	24°♓39'30	
	-587 Apr 22 j 00:17	0°♈	
morning max el	-587 Apr 24 j 00:24	1°♈48'19	24°53'42
	-587 May 13 j 14:43	0°♉	
morning set	-587 May 20 j 00:01	12°♉47'07	
asc. node	-587 May 20 j 14:49	14°♉05'15	
superior conj	-587 May 27 j 01:03	27°♉59'23	1°03'10
minimum elong	-587 May 26 j 22:43	27°♉46'42	1°02'47
	-587 May 27 j 23:16	0°♊	
max. Earth dist.	-587 May 28 j 09:32	0°♊55'38	1.32942 AU
evening rise	-587 Jun 03 j 07:14	13°♊23'35	
	-587 Jun 11 j 23:14	0°♋	
desc. node	-587 Jun 29 j 16:05	26°♋36'53	
	-587 Jul 02 j 14:38	0°♌	
evening max el	-587 Jul 05 j 18:36	3°♌14'28	27°22'23
retrograde	-587 Jul 19 j 13:12	10°♌33'08	
evening set	-587 Jul 26 j 17:52	8°♌02'24	
min. Earth dist.	-587 Jul 30 j 07:48	5°♌05'54	0.62667 AU
inferior conj	-587 Aug 02 j 04:59	2°♌20'04	-3°-59'-58
minimum elong	-587 Aug 02 j 09:29	2°♌09'16	3°59'02
	-587 Aug 04 j 17:54	30°℞♋	
morning rise	-587 Aug 09 j 03:31	27°♋11'39	
direct	-587 Aug 11 j 14:54	26°♋43'42	
asc. node	-587 Aug 16 j 14:03	28°♋38'15	
	-587 Aug 18 j 03:58	0°♌	
morning max el	-587 Aug 18 j 07:39	0°♌08'58	17°53'43
morning set	-587 Sep 03 j 13:01	25°♌26'02	
	-587 Sep 06 j 02:37	0°♍	
superior conj	-587 Sep 14 j 22:26	15°♍19'10	1°07'01
minimum elong	-587 Sep 15 j 03:34	15°♍40'50	1°06'26
max. Earth dist.	-587 Sep 21 j 20:42	26°♍47'31	1.43287 AU
	-587 Sep 23 j 20:26	0°♎	
desc. node	-587 Sep 25 j 15:27	2°♎51'43	
evening rise	-587 Sep 30 j 00:40	9°♎45'07	
	-587 Oct 13 j 10:31	0°♏	
greatest brilliancy	-587 Oct 25 j 07:21	16°♏27'02	-0.4m
evening max el	-587 Oct 30 j 10:32	22°♏23'34	21°20'31
retrograde	-587 Nov 08 j 03:47	27°♏34'25	
evening set	-587 Nov 12 j 05:53	26°♏00'50	
asc. node	-587 Nov 12 j 13:16	25°♏46'03	
inferior conj	-587 Nov 17 j 15:44	19°♏44'40	1°41'26
minimum elong	-587 Nov 17 j 13:36	19°♏52'00	1°40'36
min. Earth dist.	-587 Nov 17 j 23:02	19°♏19'30	0.67435 AU
morning rise	-587 Nov 22 j 21:01	13°♏29'06	
direct	-587 Nov 27 j 23:07	11°♏18'56	
morning max el	-587 Dec 08 j 09:48	17°♏32'02	23°28'53
greatest brilliancy	-587 Dec 14 j 07:20	24°♏13'20	-0.2m
	-587 Dec 18 j 18:42	0°♐	
desc. node	-587 Dec 22 j 14:42	5°♐16'15	
	-586 Jan 07 j 22:00	0°♑	
morning set	-586 Jan 12 j 11:58	7°♑34'51	
max. Earth dist.	-586 Jan 16 j 16:20	14°♑46'04	1.39117 AU
superior conj	-586 Jan 24 j 04:49	28°♑22'30	-1°-54'-9
minimum elong	-586 Jan 24 j 07:42	28°♑35'58	1°54'00
	-586 Jan 25 j 01:38	0°♒	
evening rise	-586 Feb 02 j 11:53	16°♒11'31	
asc. node	-586 Feb 08 j 12:34	27°♒34'21	
	-586 Feb 09 j 21:29	0°♓	
evening max el	-586 Feb 18 j 18:58	12°♓25'29	18°40'31
retrograde	-586 Feb 26 j 16:57	16°♓16'38	
evening set	-586 Mar 01 j 01:26	15°♓57'26	
inferior conj	-586 Mar 08 j 17:54	11°♓32'35	2°56'16
minimum elong	-586 Mar 08 j 22:09	11°♓24'30	2°55'18
min. Earth dist.	-586 Mar 12 j 02:35	9°♓00'47	0.57874 AU
morning rise	-586 Mar 16 j 14:48	6°♓16'20	
desc. node	-586 Mar 20 j 13:49	5°♓02'32	
direct	-586 Mar 22 j 08:24	4°♓54'38	
morning max el	-586 Apr 05 j 16:42	12°♓27'30	26°21'00
	-586 Apr 19 j 09:48	0°♈	
morning set	-586 May 04 j 11:12	27°♈43'36	
	-586 May 05 j 13:02	0°♉	
asc. node	-586 May 07 j 11:52	4°♉11'06	
superior conj	-586 May 11 j 12:28	12°♉58'45	0°41'25
minimum elong	-586 May 11 j 10:45	12°♉49'21	0°41'05
max. Earth dist.	-586 May 11 j 21:06	13°♉46'07	1.32472 AU
evening rise	-586 May 18 j 13:06	28°♉06'56	
	-586 May 19 j 10:55	0°♊	
	-586 Jun 05 j 08:22	0°♋	
desc. node	-586 Jun 16 j 13:05	14°♋05'24	
evening max el	-586 Jun 17 j 22:41	15°♋28'17	26°51'38
retrograde	-586 Jul 01 j 21:49	22°♋45'04	
evening set	-586 Jul 08 j 18:40	20°♋40'58	
min. Earth dist.	-586 Jul 12 j 12:21	18°♋01'40	0.60698 AU
inferior conj	-586 Jul 15 j 19:02	15°♋16'14	-4°-31'-34
minimum elong	-586 Jul 15 j 21:59	15°♋09'58	4°31'16
morning rise	-586 Jul 23 j 04:26	10°♋29'50	
direct	-586 Jul 25 j 15:03	10°♋06'32	
morning max el	-586 Aug 01 j 20:21	13°♋39'09	18°06'01
asc. node	-586 Aug 03 j 11:06	15°♋21'42	
	-586 Aug 12 j 23:14	0°♌	
morning set	-586 Aug 17 j 17:13	8°♌44'39	
superior conj	-586 Aug 27 j 15:07	26°♌56'59	1°32'03
minimum elong	-586 Aug 27 j 19:02	27°♌14'24	1°31'43
	-586 Aug 29 j 08:28	0°♍	
max. Earth dist.	-586 Sep 04 j 05:54	10°♍07'26	1.41595 AU
evening rise	-586 Sep 09 j 19:42	19°♍16'48	
desc. node	-586 Sep 12 j 12:28	23°♍34'43	
	-586 Sep 16 j 15:32	0°♎	
	-586 Oct 07 j 22:38	0°♏	
greatest brilliancy	-586 Oct 08 j 07:11	0°♏26'03	-0.3m
evening max el	-586 Oct 13 j 03:36	5°♏52'24	22°37'41
retrograde	-586 Oct 22 j 22:58	11°♏42'11	
evening set	-586 Oct 27 j 13:30	9°♏50'56	
asc. node	-586 Oct 30 j 10:18	6°♏50'51	
inferior conj	-586 Nov 01 j 22:43	3°♏29'01	0°51'36
minimum elong	-586 Nov 01 j 21:33	3°♏33'05	0°51'06

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

min. Earth dist.	-586 Nov 01 j 19:23	3°♏40'31	0.67629 AU
	-586 Nov 04 j 13:42	30°℞♎	
morning rise	-586 Nov 07 j 05:30	27°♎15'18	
direct	-586 Nov 11 j 16:36	25°♎27'38	
	-586 Nov 19 j 23:50	0°♏	
morning max el	-586 Nov 20 j 22:13	0°♏54'55	22°02'32
greatest brilliancy	-586 Nov 25 j 15:55	6°♏15'52	-0.4m
desc. node	-586 Dec 09 j 11:44	25°♏15'39	
	-586 Dec 12 j 16:12	0°♐	
morning set	-586 Dec 23 j 15:06	17°♐01'12	
max. Earth dist.	-586 Dec 29 j 14:23	26°♐48'21	1.41206 AU
	-586 Dec 31 j 11:53	0°♑	
superior conj	-585 Jan 06 j 07:58	10°♑06'53	-2°00'-58
minimum elong	-585 Jan 06 j 08:05	10°♑07'25	2°01'00
evening rise	-585 Jan 16 j 19:40	29°♑15'36	
	-585 Jan 17 j 05:13	0°♒	
asc. node	-585 Jan 26 j 09:36	16°♒19'37	
evening max el	-585 Feb 02 j 02:30	25°♒13'31	18°14'23
retrograde	-585 Feb 09 j 02:54	28°♒44'22	
evening set	-585 Feb 11 j 15:47	28°♒17'40	
inferior conj	-585 Feb 18 j 16:08	23°♒31'38	3°38'35
minimum elong	-585 Feb 18 j 18:30	23°♒26'24	3°38'19
min. Earth dist.	-585 Feb 22 j 00:48	20°♒34'56	0.59925 AU
morning rise	-585 Feb 25 j 17:53	17°♒52'24	
direct	-585 Mar 04 j 07:45	15°♒52'28	
desc. node	-585 Mar 07 j 10:52	16°♒18'21	
morning max el	-585 Mar 18 j 14:25	23°♒38'06	27°21'12
	-585 Mar 24 j 08:06	0°♓	
	-585 Apr 12 j 12:18	0°♈	
morning set	-585 Apr 18 j 19:46	12°♈30'32	
asc. node	-585 Apr 24 j 08:54	24°♈21'46	
max. Earth dist.	-585 Apr 25 j 09:50	26°♈38'06	1.32369 AU
superior conj	-585 Apr 26 j 00:07	27°♈56'22	0°17'14
minimum elong	-585 Apr 25 j 23:21	27°♈52'09	0°17'03
	-585 Apr 26 j 22:39	0°♉	
evening rise	-585 May 02 j 22:48	12°♉59'39	
	-585 May 11 j 14:19	0°♊	
evening max el	-585 May 30 j 20:08	26°♊57'13	25°49'34
desc. node	-585 Jun 03 j 10:05	0°♋01'10	
	-585 Jun 03 j 09:27	0°♋	
retrograde	-585 Jun 13 j 21:39	4°♋10'03	
evening set	-585 Jun 19 j 21:44	2°♋43'28	
	-585 Jun 24 j 10:32	30°℞♊	
min. Earth dist.	-585 Jun 24 j 08:37	0°♋03'22	0.58635 AU
inferior conj	-585 Jun 27 j 15:46	27°♊38'53	-4°-41'-6
minimum elong	-585 Jun 27 j 15:10	27°♊39'58	4°41'05
morning rise	-585 Jul 05 j 12:22	23°♊15'09	
direct	-585 Jul 08 j 00:02	22°♊54'59	
morning max el	-585 Jul 16 j 03:16	26°♊46'20	18°38'23
	-585 Jul 19 j 01:39	0°♋	
asc. node	-585 Jul 21 j 08:08	3°♋04'46	
morning set	-585 Aug 01 j 09:26	22°♋39'04	
	-585 Aug 05 j 04:13	0°♌	
superior conj	-585 Aug 10 j 05:39	9°♌40'09	1°44'45
minimum elong	-585 Aug 10 j 07:20	9°♌48'05	1°44'40
max. Earth dist.	-585 Aug 17 j 09:52	22°♌43'00	1.39629 AU
evening rise	-585 Aug 21 j 14:16	29°♌55'13	
	-585 Aug 21 j 15:24	0°♍	
desc. node	-585 Aug 30 j 09:27	14°♍10'29	
	-585 Sep 10 j 01:43	0°♎	
evening max el	-585 Sep 25 j 16:43	19°♎23'58	23°58'01
retrograde	-585 Oct 06 j 14:46	25°♎49'27	
evening set	-585 Oct 11 j 19:22	23°♎39'59	
min. Earth dist.	-585 Oct 16 j 15:46	18°♎02'34	0.67513 AU
inferior conj	-585 Oct 17 j 05:22	17°♎16'24	0°-1'-42
minimum elong	-585 Oct 17 j 05:25	17°♎16'16	0°01'41
transit middle	-585 Oct 17 j 05:25	17°♎16'16	0°01'41
transit begin	-585 Oct 17 j 02:42	17°♎25'27	
transit end	-585 Oct 17 j 08:07	17°♎07'05	
asc. node	-585 Oct 17 j 07:21	17°♎09'39	
morning rise	-585 Oct 22 j 15:38	11°♎07'13	
direct	-585 Oct 26 j 13:07	9°♎41'05	
morning max el	-585 Nov 03 j 16:59	14°♎26'01	20°43'55
greatest brilliancy	-585 Nov 09 j 16:03	21°♎27'38	-0.5m
	-585 Nov 15 j 20:51	0°♏	
desc. node	-585 Nov 26 j 08:45	15°♏33'16	
morning set	-585 Dec 02 j 17:30	25°♏20'25	
	-585 Dec 05 j 16:57	0°♐	
max. Earth dist.	-585 Dec 11 j 19:28	9°♐44'42	1.43028 AU
superior conj	-585 Dec 18 j 10:50	20°♐41'12	-1°-53'-55
minimum elong	-585 Dec 18 j 06:25	20°♐22'39	1°53'43
	-585 Dec 23 j 22:01	0°♑	
evening rise	-585 Dec 30 j 12:19	11°♑34'16	
	-584 Jan 10 j 05:55	0°♒	
asc. node	-584 Jan 13 j 06:39	4°♒25'59	
evening max el	-584 Jan 16 j 13:59	8°♒20'31	18°07'59
retrograde	-584 Jan 23 j 03:37	11°♒45'44	
evening set	-584 Jan 25 j 20:40	11°♒10'17	
inferior conj	-584 Feb 01 j 08:12	6°♒02'49	3°52'10
minimum elong	-584 Feb 01 j 08:15	6°♒02'41	3°52'11
min. Earth dist.	-584 Feb 04 j 06:35	3°♒06'10	0.61994 AU
morning rise	-584 Feb 07 j 17:32	0°♒08'56	
	-584 Feb 07 j 22:35	30°℞♑	
direct	-584 Feb 14 j 16:56	27°♑37'56	
desc. node	-584 Feb 22 j 07:54	0°♒12'05	
	-584 Feb 22 j 00:07	0°♒	
morning max el	-584 Feb 28 j 18:01	5°♒28'32	27°46'09
	-584 Mar 18 j 05:02	0°♓	
morning set	-584 Apr 01 j 23:42	27°♓00'44	
	-584 Apr 03 j 10:35	0°♈	
max. Earth dist.	-584 Apr 07 j 20:00	9°♈18'35	1.32638 AU
superior conj	-584 Apr 09 j 10:20	12°♈46'13	0°-8'-38
minimum elong	-584 Apr 09 j 10:44	12°♈48'25	0°08'34
behind sun begin	-584 Apr 09 j 06:23	12°♈24'47	
behind sun end	-584 Apr 09 j 15:05	13°♈12'03	
asc. node	-584 Apr 10 j 05:57	14°♈32'57	
evening rise	-584 Apr 16 j 10:23	27°♈54'42	
	-584 Apr 17 j 10:14	0°♉	
	-584 May 04 j 16:59	0°♊	
evening max el	-584 May 11 j 12:08	7°♊48'32	24°24'12
desc. node	-584 May 20 j 07:05	13°♊49'34	
retrograde	-584 May 25 j 10:00	14°♊49'29	
evening set	-584 May 30 j 02:16	14°♊00'31	
min. Earth dist.	-584 Jun 04 j 23:38	11°♊03'20	0.56779 AU
inferior conj	-584 Jun 07 j 16:35	9°♊20'04	-4°-16'-16
minimum elong	-584 Jun 07 j 11:29	9°♊28'14	4°15'30
morning rise	-584 Jun 16 j 00:30	5°♊15'52	
direct	-584 Jun 18 j 14:38	4°♊57'38	
morning max el	-584 Jun 28 j 01:31	9°♊21'05	19°31'42
asc. node	-584 Jul 07 j 05:12	21°♊34'03	
	-584 Jul 11 j 20:40	0°♋	
morning set	-584 Jul 15 j 10:10	7°♋00'21	
superior conj	-584 Jul 23 j 12:28	23°♋13'09	1°47'20
minimum elong	-584 Jul 23 j 12:09	23°♋11'36	1°47'20
	-584 Jul 27 j 00:28	0°♌	
max. Earth dist.	-584 Jul 29 j 13:05	4°♌44'58	1.37645 AU
evening rise	-584 Aug 02 j 09:34	11°♌45'02	
	-584 Aug 13 j 07:24	0°♍	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-584 Aug 16 j 06:27	4°♍34'44	
	-584 Sep 04 j 07:14	0°♎	
evening max el	-584 Sep 07 j 04:23	3°♎00'06	25°14'31
retrograde	-584 Sep 19 j 02:18	9°♎53'03	
evening set	-584 Sep 24 j 21:48	7°♎26'35	
min. Earth dist.	-584 Sep 29 j 09:42	2°♎24'34	0.67082 AU
inferior conj	-584 Sep 30 j 09:59	1°♎05'21	0°-56'-56
minimum elong	-584 Sep 30 j 11:25	1°♎00'43	0°56'21
	-584 Oct 01 j 06:10	30°℞♍	
asc. node	-584 Oct 03 j 04:24	27°♍40'02	
morning rise	-584 Oct 06 j 01:34	25°♍03'46	
direct	-584 Oct 09 j 11:24	23°♍56'30	
morning max el	-584 Oct 16 j 19:27	28°♍07'33	19°37'52
	-584 Oct 18 j 12:59	0°♎	
greatest brilliancy	-584 Oct 25 j 04:54	8°♎43'55	-0.6m
	-584 Nov 08 j 07:42	0°♏	
morning set	-584 Nov 10 j 15:31	3°♏35'50	
desc. node	-584 Nov 12 j 05:48	6°♏04'14	
max. Earth dist.	-584 Nov 23 j 08:18	23°♏28'45	1.44337 AU
superior conj	-584 Nov 27 j 10:48	0°♐01'54	-1°-29'-10
minimum elong	-584 Nov 27 j 02:48	29°♏29'48	1°28'25
	-584 Nov 27 j 10:19	0°♐	
evening rise	-584 Dec 11 j 09:34	23°♐00'25	
	-584 Dec 15 j 13:06	0°♑	
evening max el	-584 Dec 30 j 02:34	21°♑39'19	18°20'32
asc. node	-584 Dec 30 j 03:42	21°♑42'10	
retrograde	-583 Jan 05 j 14:48	25°♑11'34	
evening set	-583 Jan 08 j 12:21	24°♑26'22	
inferior conj	-583 Jan 14 j 14:11	18°♑58'47	3°44'46
minimum elong	-583 Jan 14 j 12:31	19°♑03'31	3°44'36
min. Earth dist.	-583 Jan 16 j 21:47	16°♑22'21	0.63836 AU
morning rise	-583 Jan 20 j 11:09	12°♑55'21	
direct	-583 Jan 27 j 09:52	10°♑07'22	
desc. node	-583 Feb 08 j 04:58	16°♑09'14	
morning max el	-583 Feb 10 j 02:02	17°♑56'28	27°34'34
	-583 Feb 20 j 05:39	0°♒	
	-583 Mar 11 j 00:53	0°♓	
morning set	-583 Mar 16 j 20:32	11°♓06'02	
max. Earth dist.	-583 Mar 21 j 23:48	21°♓35'13	1.33309 AU
superior conj	-583 Mar 24 j 17:20	27°♓22'08	0°-35'-13
minimum elong	-583 Mar 24 j 19:00	27°♓31'06	0°34'54
	-583 Mar 25 j 22:49	0°♈	
asc. node	-583 Mar 28 j 03:00	4°♈40'29	
evening rise	-583 Mar 31 j 21:59	12°♈45'31	
	-583 Apr 09 j 18:01	0°♉	
evening max el	-583 Apr 23 j 03:31	18°♉23'58	22°49'04
retrograde	-583 May 06 j 09:27	24°♉57'20	
desc. node	-583 May 07 j 04:08	24°♉55'59	
evening set	-583 May 09 j 16:30	24°♉33'36	
min. Earth dist.	-583 May 17 j 12:24	21°♉06'58	0.55477 AU
inferior conj	-583 May 18 j 22:27	20°♉18'05	-3°-7'-14
minimum elong	-583 May 18 j 15:24	20°♉28'14	3°05'18
morning rise	-583 May 27 j 17:01	16°♉24'11	
direct	-583 May 30 j 11:16	16°♉06'20	
morning max el	-583 Jun 10 j 13:00	21°♉14'54	20°45'33
	-583 Jun 17 j 18:38	0°♊	
asc. node	-583 Jun 24 j 02:15	10°♊37'57	
morning set	-583 Jun 29 j 16:37	21°♊40'06	
	-583 Jul 03 j 17:14	0°♋	
superior conj	-583 Jul 07 j 06:48	7°♋21'40	1°42'00
minimum elong	-583 Jul 07 j 05:06	7°♋13'01	1°41'55
max. Earth dist.	-583 Jul 11 j 21:08	16°♋34'53	1.35863 AU
evening rise	-583 Jul 16 j 01:27	24°♋34'56	
	-583 Jul 19 j 00:24	0°♌	

desc. node	-583 Aug 03 j 03:29	24°♌40'50	
	-583 Aug 06 j 20:49	0°♍	
evening max el	-583 Aug 20 j 16:00	16°♍36'10	26°19'34
retrograde	-583 Sep 02 j 08:55	23°♍46'47	
evening set	-583 Sep 08 j 18:46	21°♍07'07	
min. Earth dist.	-583 Sep 12 j 22:43	16°♍42'36	0.66310 AU
inferior conj	-583 Sep 14 j 10:41	14°♍52'10	-1°-52'-30
minimum elong	-583 Sep 14 j 13:30	14°♍43'30	1°51'25
morning rise	-583 Sep 20 j 09:13	9°♍01'22	
asc. node	-583 Sep 20 j 01:27	9°♍12'59	
direct	-583 Sep 23 j 09:35	8°♍09'35	
morning max el	-583 Sep 30 j 04:41	11°♍56'37	18°46'58
	-583 Oct 13 j 05:03	0°♎	
morning set	-583 Oct 21 j 08:28	12°♎52'43	
desc. node	-583 Oct 30 j 02:51	26°♎44'00	
	-583 Nov 01 j 04:39	0°♏	
max. Earth dist.	-583 Nov 06 j 01:59	7°♏41'20	1.44964 AU
superior conj	-583 Nov 06 j 14:27	8°♏30'22	0°-47'-34
minimum elong	-583 Nov 06 j 08:24	8°♏06'35	0°46'50
	-583 Nov 20 j 03:49	0°♐	
evening rise	-583 Nov 22 j 07:46	3°♐28'22	
	-583 Dec 09 j 09:00	0°♑	
evening max el	-583 Dec 13 j 13:36	5°♑04'20	18°51'07
asc. node	-583 Dec 17 j 00:43	7°♑54'28	
retrograde	-583 Dec 20 j 08:29	8°♑54'16	
evening set	-583 Dec 23 j 11:36	7°♑58'05	
inferior conj	-583 Dec 29 j 06:24	2°♑12'51	3°22'26
minimum elong	-583 Dec 29 j 03:47	2°♑20'55	3°21'53
min. Earth dist.	-583 Dec 30 j 22:43	0°♑08'49	0.65324 AU
	-583 Dec 31 j 01:38	30°℞♐	
morning rise	-582 Jan 03 j 18:57	26°♐02'55	
direct	-582 Jan 10 j 09:29	23°♐12'41	
	-582 Jan 22 j 14:49	0°♑	
morning max el	-582 Jan 23 j 11:51	0°♑51'38	26°50'44
desc. node	-582 Jan 26 j 02:02	3°♑35'45	
	-582 Feb 14 j 06:15	0°♒	
morning set	-582 Feb 28 j 07:00	24°♒36'13	
	-582 Mar 03 j 01:38	0°♓	
max. Earth dist.	-582 Mar 04 j 17:34	3°♓18'49	1.34414 AU
superior conj	-582 Mar 08 j 19:01	11°♓37'31	-1°-1'-25
minimum elong	-582 Mar 08 j 21:52	11°♓52'24	1°00'55
asc. node	-582 Mar 15 j 00:04	24°♓40'10	
evening rise	-582 Mar 16 j 07:47	27°♓25'39	
	-582 Mar 17 j 13:42	0°♈	
evening max el	-582 Apr 05 j 01:09	29°♈13'21	21°18'32
	-582 Apr 05 j 21:12	0°♉	
retrograde	-582 Apr 16 j 23:58	5°♉01'18	
evening set	-582 Apr 19 j 09:14	4°♉48'11	
desc. node	-582 Apr 24 j 01:10	3°♉16'08	
inferior conj	-582 Apr 28 j 17:28	0°♉48'26	-1°-19'-42
minimum elong	-582 Apr 28 j 13:43	0°♉53'42	1°18'23
min. Earth dist.	-582 Apr 29 j 01:24	0°♉37'15	0.55013 AU
	-582 Apr 30 j 04:04	30°℞♈	
morning rise	-582 May 07 j 18:17	26°♈47'24	
direct	-582 May 10 j 21:55	26°♈25'50	
	-582 May 20 j 15:05	0°♉	
morning max el	-582 May 23 j 13:50	2°♉27'09	22°16'32
asc. node	-582 Jun 10 j 23:20	0°♊07'52	
	-582 Jun 10 j 21:45	0°♊	
morning set	-582 Jun 14 j 02:38	6°♊32'10	
superior conj	-582 Jun 21 j 09:05	21°♊55'06	1°30'32
minimum elong	-582 Jun 21 j 06:41	21°♊42'29	1°30'17
max. Earth dist.	-582 Jun 24 j 13:51	28°♊35'20	1.34423 AU
	-582 Jun 25 j 06:22	0°♋	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening rise	-582 Jun 29 j 08:57	8°♋11'51		
	-582 Jul 11 j 13:23	0°♌		
desc. node	-582 Jul 21 j 00:30	14°♌20'35		
evening max el	-582 Aug 03 j 03:43	0°♍04'14	27°05'25	
	-582 Aug 03 j 01:58	0°♍		
retrograde	-582 Aug 16 j 10:19	7°♍23'24		
evening set	-582 Aug 23 j 07:54	4°♍37'59		
min. Earth dist.	-582 Aug 27 j 04:32	0°♍51'10	0.65173 AU	
	-582 Aug 27 j 22:45	30°℞♌		
inferior conj	-582 Aug 29 j 05:18	28°♌32'56	-2°-46'-22	
minimum elong	-582 Aug 29 j 09:19	28°♌21'32	2°45'01	
morning rise	-582 Sep 04 j 12:16	22°♌56'08		
asc. node	-582 Sep 06 j 22:31	22°♌16'41		
direct	-582 Sep 07 j 05:32	22°♌16'13		
morning max el	-582 Sep 13 j 18:28	25°♌48'27	18°12'27	
	-582 Sep 17 j 07:33	0°♍		
morning set	-582 Oct 02 j 05:41	23°♍33'01		
	-582 Oct 06 j 03:41	0°♎		
superior conj	-582 Oct 16 j 17:15	17°♎02'33	0°01'49	
minimum elong	-582 Oct 16 j 17:29	17°♎03'26	0°01'47	
behind sun begin	-582 Oct 16 j 06:35	16°♎20'07		
behind sun end	-582 Oct 17 j 04:22	17°♎46'42		
desc. node	-582 Oct 16 j 23:52	17°♎28'49		
max. Earth dist.	-582 Oct 19 j 20:41	22°♎00'58	1.44851 AU	
	-582 Oct 24 j 22:42	0°♏		
evening rise	-582 Nov 02 j 06:42	12°♏59'33		
	-582 Nov 13 j 06:58	0°♐		
greatest brilliancy	-582 Nov 18 j 17:56	8°♐07'22	-0.7m	
evening max el	-582 Nov 26 j 20:55	18°♐31'34	19°38'17	
asc. node	-582 Dec 03 j 21:46	22°♐47'26		
retrograde	-582 Dec 04 j 05:24	22°♐48'01		
evening set	-582 Dec 07 j 15:45	21°♐39'04		
inferior conj	-582 Dec 13 j 05:41	15°♐39'14	2°49'13	
minimum elong	-582 Dec 13 j 02:51	15°♐48'34	2°48'24	
min. Earth dist.	-582 Dec 14 j 08:02	14°♐12'56	0.66432 AU	
morning rise	-582 Dec 18 j 13:14	9°♐25'14		
direct	-582 Dec 24 j 15:06	6°♐44'38		
morning max el	-581 Jan 05 j 21:07	14°♐00'36	25°42'20	
desc. node	-581 Jan 12 j 23:06	22°♐04'56		
	-581 Jan 18 j 22:29	0°♑		
	-581 Feb 07 j 00:48	0°♒		
morning set	-581 Feb 11 j 02:32	7°♒16'58		
max. Earth dist.	-581 Feb 14 j 23:17	14°♒30'09	1.35968 AU	
superior conj	-581 Feb 20 j 12:42	25°♒23'40	-1°-25'-38	
minimum elong	-581 Feb 20 j 16:21	25°♒42'01	1°25'08	
	-581 Feb 22 j 19:21	0°♓		
evening rise	-581 Feb 28 j 13:40	11°♓47'31		
asc. node	-581 Mar 01 j 21:06	14°♓26'32		
	-581 Mar 10 j 06:44	0°♈		
evening max el	-581 Mar 18 j 09:28	10°♈36'10	20°02'16	
retrograde	-581 Mar 28 j 15:35	15°♈30'57		
evening set	-581 Mar 30 j 18:41	15°♈19'10		
inferior conj	-581 Apr 08 j 15:32	11°♈19'29	0°38'38	
minimum elong	-581 Apr 08 j 17:14	11°♈16'55	0°38'03	
min. Earth dist.	-581 Apr 10 j 15:34	10°♈07'01	0.55502 AU	
desc. node	-581 Apr 10 j 22:14	9°♈57'08		
morning rise	-581 Apr 17 j 12:55	6°♈52'54		
direct	-581 Apr 21 j 12:26	6°♈18'05		
morning max el	-581 May 05 j 06:54	13°♈07'19	23°56'46	
	-581 May 18 j 05:44	0°♉		
asc. node	-581 May 28 j 20:23	19°♉56'14		
morning set	-581 May 29 j 14:24	21°♉30'26		
	-581 Jun 02 j 13:45	0°♊		
superior conj	-581 Jun 05 j 16:33	6°♊44'23	1°14'17	
minimum elong	-581 Jun 05 j 14:03	6°♊30'55	1°13'55	
max. Earth dist.	-581 Jun 07 j 15:50	10°♊58'01	1.33369 AU	
evening rise	-581 Jun 13 j 03:44	22°♊23'04		
	-581 Jun 17 j 01:02	0°♋		
	-581 Jul 05 j 08:27	0°♌		
desc. node	-581 Jul 07 j 21:31	3°♌23'01		
evening max el	-581 Jul 16 j 14:26	13°♌13'49	27°25'10	
retrograde	-581 Jul 30 j 06:01	20°♌34'24		
evening set	-581 Aug 06 j 10:08	17°♌54'28		
min. Earth dist.	-581 Aug 10 j 01:20	14°♌41'49	0.63670 AU	
inferior conj	-581 Aug 12 j 15:21	12°♌02'45	-3°-35'-33	
minimum elong	-581 Aug 12 j 19:59	11°♌50'51	3°34'20	
morning rise	-581 Aug 19 j 07:55	6°♌43'02		
direct	-581 Aug 21 j 20:36	6°♌11'38		
asc. node	-581 Aug 24 j 19:35	6°♌55'05		
morning max el	-581 Aug 28 j 10:06	9°♌37'25	17°55'19	
	-581 Sep 11 j 01:06	0°♍		
morning set	-581 Sep 14 j 04:54	5°♍28'19		
superior conj	-581 Sep 26 j 15:32	26°♍34'43	0°46'31	
minimum elong	-581 Sep 26 j 20:04	26°♍53'24	0°45'56	
	-581 Sep 28 j 17:40	0°♎		
max. Earth dist.	-581 Oct 02 j 13:22	6°♎10'00	1.44031 AU	
desc. node	-581 Oct 03 j 20:53	8°♎15'41		
evening rise	-581 Oct 12 j 14:37	21°♎56'15		
	-581 Oct 17 j 21:03	0°♏		
greatest brilliancy	-581 Nov 04 j 01:38	24°♏58'02	-0.5m	
	-581 Nov 08 j 03:00	0°♐		
evening max el	-581 Nov 09 j 23:02	1°♐59'56	20°39'53	
retrograde	-581 Nov 18 j 03:01	6°♐49'33		
asc. node	-581 Nov 20 j 18:49	6°♐09'17		
evening set	-581 Nov 21 j 22:41	5°♐25'45		
	-581 Nov 26 j 20:15	30°℞♏		
inferior conj	-581 Nov 27 j 09:35	29°♏14'42	2°08'01	
minimum elong	-581 Nov 27 j 07:04	29°♏23'16	2°07'07	
min. Earth dist.	-581 Nov 27 j 23:30	28°♏27'16	0.67169 AU	
morning rise	-581 Dec 02 j 14:58	22°♏58'57		
direct	-581 Dec 08 j 02:01	20°♏36'07		
morning max el	-581 Dec 19 j 05:29	27°♏15'05	24°19'16	
	-581 Dec 21 j 19:20	0°♐		
desc. node	-581 Dec 30 j 20:09	11°♐18'48		
	-580 Jan 12 j 14:29	0°♑		
morning set	-580 Jan 24 j 01:23	18°♑52'28		
max. Earth dist.	-580 Jan 27 j 19:50	25°♑32'58	1.37907 AU	
	-580 Jan 30 j 06:22	0°♒		
superior conj	-580 Feb 03 j 19:04	8°♒32'00	-1°-45'-40	
minimum elong	-580 Feb 03 j 22:38	8°♒49'11	1°45'22	
evening rise	-580 Feb 12 j 13:19	25°♒44'54		
	-580 Feb 14 j 17:18	0°♓		
asc. node	-580 Feb 16 j 18:08	3°♓54'26		
evening max el	-580 Feb 29 j 04:44	22°♓37'04	19°04'37	
retrograde	-580 Mar 08 j 20:12	26°♓46'30		
evening set	-580 Mar 11 j 02:09	26°♓30'50		
inferior conj	-580 Mar 19 j 05:08	22°♓17'31	2°16'00	
minimum elong	-580 Mar 19 j 09:31	22°♓09'54	2°14'46	
min. Earth dist.	-580 Mar 22 j 07:11	20°♓10'10	0.56843 AU	
morning rise	-580 Mar 27 j 12:46	17°♓18'33		
desc. node	-580 Mar 27 j 19:17	17°♓12'18		
direct	-580 Apr 01 j 15:36	16°♓16'55		
morning max el	-580 Apr 15 j 21:33	23°♓38'07	25°33'10	
	-580 Apr 21 j 15:22	0°♈		
	-580 May 09 j 22:35	0°♉		
morning set	-580 May 13 j 02:14	6°♉29'11		
asc. node	-580 May 14 j 17:25	9°♉57'12		
superior conj	-580 May 20 j 03:03	21°♉42'03	0°54'18	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-580 May 20 j 00:56	21°♉30'29	0°53'54
max. Earth dist.	-580 May 21 j 00:54	23°♉41'18	1.32699 AU
	-580 May 23 j 22:57	0°♊	
evening rise	-580 May 27 j 06:22	6°♊57'43	
	-580 Jun 08 j 13:31	0°♋	
desc. node	-580 Jun 23 j 18:32	21°♋32'06	
evening max el	-580 Jun 27 j 21:52	25°♋51'57	27°13'30
	-580 Jul 02 j 23:11	0°♌	
retrograde	-580 Jul 11 j 18:57	3°♌09'56	
evening set	-580 Jul 18 j 21:29	0°♌49'13	
	-580 Jul 20 j 01:46	30°℞♋	
min. Earth dist.	-580 Jul 22 j 11:57	28°♋01'38	0.61846 AU
inferior conj	-580 Jul 25 j 13:42	25°♋13'56	-4°-15'-31
minimum elong	-580 Jul 25 j 17:46	25°♋04'37	4°14'49
morning rise	-580 Aug 01 j 16:46	20°♋14'21	
direct	-580 Aug 04 j 03:28	19°♋48'39	
asc. node	-580 Aug 10 j 16:38	22°♋57'04	
morning max el	-580 Aug 11 j 00:38	23°♋16'13	17°56'32
	-580 Aug 16 j 08:33	0°♌	
morning set	-580 Aug 27 j 00:08	18°♌20'59	
	-580 Sep 02 j 11:08	0°♍	
superior conj	-580 Sep 06 j 17:07	7°♍27'18	1°19'16
minimum elong	-580 Sep 06 j 21:58	7°♍48'17	1°18'46
max. Earth dist.	-580 Sep 14 j 01:49	19°♍52'04	1.42614 AU
desc. node	-580 Sep 19 j 17:53	29°♍00'57	
	-580 Sep 20 j 08:48	0°♎	
evening rise	-580 Sep 21 j 00:34	1°♎02'06	
	-580 Oct 10 j 10:58	0°♏	
greatest brilliancy	-580 Oct 18 j 00:26	10°♏01'53	-0.4m
evening max el	-580 Oct 22 j 19:20	15°♏28'24	21°52'39
retrograde	-580 Oct 31 j 23:22	20°♏55'27	
evening set	-580 Nov 05 j 06:31	19°♏14'38	
asc. node	-580 Nov 06 j 15:51	17°♏58'28	
inferior conj	-580 Nov 10 j 15:57	12°♏55'50	1°20'49
minimum elong	-580 Nov 10 j 14:11	13°♏01'56	1°20'07
min. Earth dist.	-580 Nov 10 j 18:42	12°♏46'17	0.67559 AU
morning rise	-580 Nov 15 j 21:36	6°♏40'47	
direct	-580 Nov 20 j 17:20	4°♏39'53	
morning max el	-580 Nov 30 j 15:14	10°♏33'07	22°51'35
greatest brilliancy	-580 Dec 05 j 08:12	15°♏49'09	-0.3m
	-580 Dec 15 j 23:17	0°♐	
desc. node	-580 Dec 16 j 17:10	1°♐04'01	
morning set	-579 Jan 03 j 21:22	29°♐06'45	
	-579 Jan 04 j 10:14	0°♑	
max. Earth dist.	-579 Jan 08 j 15:19	7°♑06'06	1.40025 AU
superior conj	-579 Jan 16 j 09:41	20°♑50'53	-1°-58'-27
minimum elong	-579 Jan 16 j 11:39	20°♑59'53	1°58'25
	-579 Jan 21 j 07:56	0°♒	
evening rise	-579 Jan 26 j 03:50	9°♒10'33	
asc. node	-579 Feb 02 j 15:10	22°♒57'30	
	-579 Feb 07 j 01:39	0°♓	
evening max el	-579 Feb 11 j 08:39	5°♓10'25	18°26'57
retrograde	-579 Feb 18 j 19:47	8°♓50'38	
evening set	-579 Feb 21 j 06:22	8°♓28'16	
inferior conj	-579 Feb 28 j 15:34	3°♓54'28	3°18'12
minimum elong	-579 Feb 28 j 19:11	3°♓47'09	3°17'33
min. Earth dist.	-579 Mar 04 j 01:54	1°♓09'16	0.58731 AU
	-579 Mar 05 j 15:49	30°℞♒	
morning rise	-579 Mar 08 j 04:15	28°♒27'42	
direct	-579 Mar 14 j 07:51	26°♒49'36	
desc. node	-579 Mar 14 j 16:19	26°♒49'55	
	-579 Mar 23 j 06:27	0°♓	
morning max el	-579 Mar 28 j 15:38	4°♓28'07	26°50'31
	-579 Apr 16 j 07:59	0°♈	
morning set	-579 Apr 27 j 12:33	21°♈22'53	

asc. node	-579 May 01 j 14:27	0°♉06'01	
	-579 May 01 j 13:21	0°♉	
superior conj	-579 May 04 j 14:48	6°♉41'56	0°31'25
minimum elong	-579 May 04 j 13:27	6°♉34'31	0°31'08
max. Earth dist.	-579 May 04 j 13:36	6°♉35'23	1.32390 AU
evening rise	-579 May 11 j 14:12	21°♉46'53	
	-579 May 15 j 15:02	0°♊	
	-579 Jun 03 j 00:13	0°♋	
evening max el	-579 Jun 09 j 23:30	7°♋48'10	26°28'47
desc. node	-579 Jun 10 j 15:32	8°♋25'42	
retrograde	-579 Jun 23 j 23:45	15°♋02'46	
evening set	-579 Jun 30 j 13:28	13°♋14'00	
min. Earth dist.	-579 Jul 04 j 12:39	10°♋36'37	0.59820 AU
inferior conj	-579 Jul 07 j 20:52	7°♋57'46	-4°-39'-1
minimum elong	-579 Jul 07 j 22:33	7°♋54'24	4°38'55
morning rise	-579 Jul 15 j 10:58	3°♋20'49	
direct	-579 Jul 17 j 21:59	2°♋58'51	
morning max el	-579 Jul 25 j 11:13	6°♋37'49	18°17'14
asc. node	-579 Jul 28 j 13:41	10°♋07'54	
	-579 Aug 09 j 09:20	0°♌	
morning set	-579 Aug 10 j 09:59	1°♌56'44	
superior conj	-579 Aug 19 j 19:49	19°♌35'01	1°38'49
minimum elong	-579 Aug 19 j 22:49	19°♌48'40	1°38'37
	-579 Aug 25 j 16:20	0°♍	
max. Earth dist.	-579 Aug 27 j 09:05	2°♍55'24	1.40783 AU
evening rise	-579 Sep 01 j 04:58	11°♍00'21	
desc. node	-579 Sep 06 j 14:53	19°♍41'26	
	-579 Sep 13 j 08:38	0°♎	
greatest brilliancy	-579 Sep 29 j 11:59	22°♎15'50	-0.2m
evening max el	-579 Oct 05 j 10:33	28°♎58'19	23°11'50
	-579 Oct 06 j 11:51	0°♏	
retrograde	-579 Oct 15 j 17:06	5°♏03'18	
evening set	-579 Oct 20 j 13:35	3°♏04'09	
	-579 Oct 23 j 11:20	30°℞♎	
asc. node	-579 Oct 24 j 12:54	28°♎37'15	
inferior conj	-579 Oct 25 j 22:59	26°♎41'12	0°29'19
minimum elong	-579 Oct 25 j 22:17	26°♎43'34	0°29'01
min. Earth dist.	-579 Oct 25 j 15:15	27°♎07'45	0.67624 AU
morning rise	-579 Oct 31 j 07:02	20°♎29'20	
direct	-579 Nov 04 j 12:12	18°♎51'04	
morning max el	-579 Nov 13 j 06:03	23°♎58'53	21°27'50
	-579 Nov 18 j 11:51	0°♏	
greatest brilliancy	-579 Nov 18 j 08:38	29°♎49'57	-0.4m
desc. node	-579 Dec 03 j 14:12	21°♏11'43	
	-579 Dec 09 j 09:33	0°♐	
morning set	-579 Dec 14 j 12:31	7°♐59'20	
max. Earth dist.	-579 Dec 21 j 16:42	19°♐33'41	1.42032 AU
	-579 Dec 27 j 21:42	0°♑	
superior conj	-579 Dec 29 j 03:06	2°♑06'40	-1°-59'-58
minimum elong	-579 Dec 29 j 01:26	1°♑59'26	1°59'57
evening rise	-578 Jan 09 j 05:41	21°♑56'23	
	-578 Jan 13 j 16:25	0°♒	
asc. node	-578 Jan 20 j 12:12	11°♒27'25	
evening max el	-578 Jan 25 j 18:12	18°♒07'19	18°09'16
retrograde	-578 Feb 01 j 12:45	21°♒34'17	
evening set	-578 Feb 04 j 03:27	21°♒03'55	
inferior conj	-578 Feb 10 j 21:53	16°♒08'19	3°47'24
minimum elong	-578 Feb 10 j 23:14	16°♒05'08	3°47'18
min. Earth dist.	-578 Feb 14 j 02:52	13°♒09'01	0.60816 AU
morning rise	-578 Feb 17 j 16:10	10°♒22'00	
direct	-578 Feb 24 j 11:17	8°♒07'52	
desc. node	-578 Mar 01 j 13:23	9°♒16'29	
morning max el	-578 Mar 10 j 16:05	15°♒55'52	27°36'29
	-578 Mar 22 j 04:45	0°♓	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-578 Apr 08 j 19:19	0°♈	
morning set	-578 Apr 11 j 19:26	6°♈04'00	
max. Earth dist.	-578 Apr 18 j 01:58	19°♈25'34	1.32441 AU
asc. node	-578 Apr 18 j 11:29	20°♈17'30	
superior conj	-578 Apr 19 j 02:03	21°♈37'03	0°06'26
minimum elong	-578 Apr 19 j 01:45	21°♈35'26	0°06'22
behind sun begin	-578 Apr 18 j 21:06	21°♈09'59	
behind sun end	-578 Apr 19 j 06:24	22°♈00'54	
	-578 Apr 22 j 22:05	0°♉	
evening rise	-578 Apr 26 j 00:57	6°♉41'41	
	-578 May 08 j 07:49	0°♊	
evening max el	-578 May 22 j 18:09	18°♊58'55	25°15'16
desc. node	-578 May 28 j 12:35	23°♊32'12	
retrograde	-578 Jun 05 j 18:47	26°♊08'03	
evening set	-578 Jun 11 j 06:39	24°♊57'57	
min. Earth dist.	-578 Jun 16 j 05:55	22°♊12'36	0.57808 AU
inferior conj	-578 Jun 19 j 09:17	20°♊03'21	-4°-35'-28
minimum elong	-578 Jun 19 j 06:45	20°♊07'44	4°35'18
morning rise	-578 Jun 27 j 10:45	15°♊48'54	
direct	-578 Jun 29 j 23:30	15°♊29'37	
morning max el	-578 Jul 08 j 14:47	19°♊32'21	18°58'32
asc. node	-578 Jul 15 j 10:44	28°♊11'58	
	-578 Jul 16 j 13:40	0°♋	
morning set	-578 Jul 25 j 06:13	16°♋03'33	
	-578 Aug 01 j 08:27	0°♌	
superior conj	-578 Aug 02 j 17:58	2°♌41'27	1°46'56
minimum elong	-578 Aug 02 j 18:45	2°♌45'10	1°46'55
max. Earth dist.	-578 Aug 09 j 12:15	15°♌15'14	1.38774 AU
evening rise	-578 Aug 13 j 10:18	22°♌09'17	
	-578 Aug 18 j 02:03	0°♍	
desc. node	-578 Aug 24 j 11:54	10°♍12'55	
	-578 Sep 07 j 06:59	0°♎	
evening max el	-578 Sep 17 j 22:38	12°♎31'13	24°31'25
retrograde	-578 Sep 29 j 07:14	19°♎09'48	
evening set	-578 Oct 04 j 18:15	16°♎52'30	
min. Earth dist.	-578 Oct 09 j 10:49	11°♎30'04	0.67368 AU
inferior conj	-578 Oct 10 j 04:59	10°♎29'19	0°-24'-59
minimum elong	-578 Oct 10 j 05:36	10°♎27'17	0°24'44
asc. node	-578 Oct 11 j 09:57	8°♎53'36	
morning rise	-578 Oct 15 j 17:19	4°♎23'15	
direct	-578 Oct 19 j 09:31	3°♎05'43	
morning max el	-578 Oct 27 j 04:15	7°♎35'06	20°14'10
greatest brilliancy	-578 Nov 02 j 23:17	15°♎47'58	-0.6m
	-578 Nov 12 j 19:52	0°♏	
desc. node	-578 Nov 20 j 11:13	11°♏35'34	
morning set	-578 Nov 23 j 09:58	16°♏08'10	
	-578 Dec 02 j 06:10	0°♐	
max. Earth dist.	-578 Dec 04 j 01:25	2°♐52'44	1.43651 AU
superior conj	-578 Dec 09 j 18:29	12°♐08'53	-1°-45'-42
minimum elong	-578 Dec 09 j 12:08	11°♐42'48	1°45'16
	-578 Dec 20 j 08:33	0°♑	
evening rise	-578 Dec 22 j 14:41	3°♑54'08	
asc. node	-577 Jan 07 j 09:16	29°♑14'14	
	-577 Jan 08 j 00:45	0°♒	
evening max el	-577 Jan 09 j 06:26	1°♒20'00	18°11'03
retrograde	-577 Jan 15 j 18:37	4°♒47'15	
evening set	-577 Jan 18 j 13:23	4°♒07'55	
	-577 Jan 23 j 18:20	30°℞♑	
inferior conj	-577 Jan 24 j 20:25	28°♑51'35	3°51'14
minimum elong	-577 Jan 24 j 19:39	28°♑53'39	3°51'11
min. Earth dist.	-577 Jan 27 j 12:45	26°♑01'24	0.62805 AU
morning rise	-577 Jan 30 j 23:56	22°♑52'52	
direct	-577 Feb 06 j 23:58	20°♑12'47	
desc. node	-577 Feb 16 j 10:25	24°♑07'21	
morning max el	-577 Feb 20 j 22:09	28°♑04'26	27°45'38
	-577 Feb 22 j 18:53	0°♒	
	-577 Mar 15 j 22:18	0°♓	
morning set	-577 Mar 26 j 20:44	20°♓25'12	
	-577 Mar 31 j 11:49	0°♈	
max. Earth dist.	-577 Apr 01 j 09:58	1°♈57'42	1.32872 AU
superior conj	-577 Apr 03 j 11:08	6°♈21'50	0°-19'-52
minimum elong	-577 Apr 03 j 12:05	6°♈26'55	0°19'41
asc. node	-577 Apr 05 j 08:33	10°♈27'46	
evening rise	-577 Apr 10 j 12:46	21°♈35'40	
	-577 Apr 14 j 15:04	0°♉	
evening max el	-577 May 04 j 08:52	29°♉39'15	23°43'55
	-577 May 04 j 17:35	0°♊	
desc. node	-577 May 15 j 09:37	6°♊15'09	
retrograde	-577 May 18 j 02:05	6°♊31'36	
evening set	-577 May 22 j 03:29	5°♊55'14	
min. Earth dist.	-577 May 28 j 19:42	2°♊46'44	0.56140 AU
inferior conj	-577 May 31 j 01:32	1°♊25'14	-3°-52'-33
minimum elong	-577 May 30 j 19:03	1°♊35'06	3°51'13
	-577 Jun 02 j 11:12	30°℞♉	
morning rise	-577 Jun 08 j 14:16	27°♉27'14	
direct	-577 Jun 11 j 05:35	27°♉09'37	
	-577 Jun 19 j 03:06	0°♊	
morning max el	-577 Jun 21 j 08:43	1°♊50'47	20°00'43
asc. node	-577 Jul 02 j 07:47	16°♊56'54	
morning set	-577 Jul 09 j 09:38	0°♋33'03	
	-577 Jul 09 j 03:06	0°♋	
superior conj	-577 Jul 17 j 06:11	16°♋31'00	1°45'55
minimum elong	-577 Jul 17 j 05:12	16°♋26'05	1°45'54
max. Earth dist.	-577 Jul 22 j 16:19	27°♋06'32	1.36850 AU
	-577 Jul 24 j 05:09	0°♌	
evening rise	-577 Jul 26 j 14:56	4°♌26'02	
desc. node	-577 Aug 11 j 08:57	0°♍30'10	
	-577 Aug 11 j 00:56	0°♍	
evening max el	-577 Aug 31 j 09:57	26°♍07'06	25°44'05
	-577 Sep 04 j 21:59	0°♎	
retrograde	-577 Sep 12 j 16:56	3°♎09'44	
evening set	-577 Sep 18 j 18:37	0°♎36'55	
	-577 Sep 19 j 11:02	30°℞♍	
min. Earth dist.	-577 Sep 23 j 03:01	25°♍50'35	0.66790 AU
inferior conj	-577 Sep 24 j 08:11	24°♍17'33	-1°-20'-36
minimum elong	-577 Sep 24 j 10:12	24°♍11'07	1°19'47
asc. node	-577 Sep 28 j 07:01	19°♍44'57	
morning rise	-577 Sep 30 j 02:31	18°♍20'10	
direct	-577 Oct 03 j 07:56	17°♍20'06	
morning max el	-577 Oct 10 j 09:49	21°♍20'10	19°14'13
	-577 Oct 17 j 08:15	0°♎	
greatest brilliancy	-577 Oct 21 j 22:36	6°♎44'49	-0.7m
morning set	-577 Nov 02 j 13:39	24°♎42'54	
	-577 Nov 05 j 22:52	0°♏	
desc. node	-577 Nov 07 j 08:14	2°♏10'23	
max. Earth dist.	-577 Nov 16 j 16:04	16°♏48'40	1.44684 AU
superior conj	-577 Nov 19 j 08:09	21°♏02'09	-1°-13'-13
minimum elong	-577 Nov 19 j 00:09	20°♏30'29	1°12'22
	-577 Nov 24 j 22:48	0°♐	
evening rise	-577 Dec 04 j 02:25	14°♐55'16	
	-577 Dec 13 j 06:36	0°♑	
evening max el	-577 Dec 23 j 18:38	14°♑41'33	18°31'29
asc. node	-577 Dec 25 j 06:20	16°♑04'45	
retrograde	-577 Dec 30 j 08:55	18°♑20'14	
evening set	-576 Jan 02 j 08:35	17°♑30'42	
inferior conj	-576 Jan 08 j 07:09	11°♑55'33	3°36'50
minimum elong	-576 Jan 08 j 04:59	12°♑01'56	3°36'30
min. Earth dist.	-576 Jan 10 j 08:18	9°♑31'29	0.64513 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning rise	-576 Jan 14 j 00:03	5°♑48'56	
direct	-576 Jan 20 j 20:06	2°♑57'55	
desc. node	-576 Feb 03 j 07:27	10°♑45'32	
morning max el	-576 Feb 03 j 07:10	10°♑44'48	27°19'25
	-576 Feb 18 j 13:22	0°♒	
	-576 Mar 07 j 08:19	0°♓	
morning set	-576 Mar 09 j 13:36	4°♓16'40	
max. Earth dist.	-576 Mar 14 j 09:35	13°♓59'12	1.33718 AU
superior conj	-576 Mar 17 j 16:08	20°♓49'37	0°-46'-28
minimum elong	-576 Mar 17 j 18:21	21°♓01'16	0°46'02
	-576 Mar 21 j 23:34	0°♈	
asc. node	-576 Mar 22 j 05:38	0°♈32'19	
evening rise	-576 Mar 24 j 23:47	6°♈22'07	
	-576 Apr 06 j 19:13	0°♉	
evening max el	-576 Apr 15 j 02:15	10°♉17'41	22°09'23
retrograde	-576 Apr 27 j 21:00	16°♉33'26	
evening set	-576 Apr 30 j 16:33	16°♉15'56	
desc. node	-576 May 01 j 06:39	16°♉08'03	
min. Earth dist.	-576 May 09 j 08:45	12°♉32'33	0.55163 AU
inferior conj	-576 May 10 j 01:25	12°♉09'03	-2°-25'-11
minimum elong	-576 May 09 j 19:10	12°♉17'52	2°23'12
morning rise	-576 May 18 j 23:26	8°♉14'07	
direct	-576 May 21 j 20:36	7°♉55'25	
morning max el	-576 Jun 02 j 15:33	13°♉26'53	21°22'25
	-576 Jun 14 j 19:51	0°♊	
asc. node	-576 Jun 18 j 04:51	6°♊12'59	
morning set	-576 Jun 22 j 17:51	15°♊18'51	
	-576 Jun 29 j 18:22	0°♋	
superior conj	-576 Jun 30 j 04:17	0°♋51'32	1°37'48
minimum elong	-576 Jun 30 j 02:13	0°♋40'48	1°37'39
max. Earth dist.	-576 Jul 04 j 03:40	8°♋58'23	1.35206 AU
evening rise	-576 Jul 08 j 14:06	17°♋38'15	
	-576 Jul 15 j 09:13	0°♌	
desc. node	-576 Jul 28 j 05:59	20°♌26'26	
	-576 Aug 04 j 07:11	0°♍	
evening max el	-576 Aug 12 j 21:51	9°♍41'55	26°41'57
retrograde	-576 Aug 25 j 21:29	16°♍57'16	
evening set	-576 Sep 01 j 12:36	14°♍14'20	
min. Earth dist.	-576 Sep 05 j 13:24	10°♍05'40	0.65868 AU
inferior conj	-576 Sep 07 j 06:36	8°♍03'01	-2°-15'-43
minimum elong	-576 Sep 07 j 09:58	7°♍52'58	2°14'29
morning rise	-576 Sep 13 j 08:31	2°♍17'27	
asc. node	-576 Sep 14 j 04:03	1°♍55'01	
direct	-576 Sep 16 j 05:32	1°♍31'08	
morning max el	-576 Sep 22 j 21:15	5°♍11'05	18°30'08
	-576 Oct 09 j 22:10	0°♎	
morning set	-576 Oct 12 j 18:26	4°♎35'15	
desc. node	-576 Oct 24 j 05:18	22°♎52'47	
superior conj	-576 Oct 28 j 08:39	29°♎24'34	0°-26'-48
minimum elong	-576 Oct 28 j 05:06	29°♎10'39	0°26'21
	-576 Oct 28 j 17:39	0°♏	
max. Earth dist.	-576 Oct 29 j 10:27	1°♏06'07	1.45011 AU
evening rise	-576 Nov 13 j 14:20	24°♏57'37	
	-576 Nov 16 j 18:49	0°♐	
greatest brilliancy	-576 Nov 25 j 03:58	13°♐08'51	-0.7m
evening max el	-576 Dec 06 j 04:24	28°♐07'58	19°09'18
	-576 Dec 08 j 05:00	0°♑	
asc. node	-576 Dec 11 j 03:21	1°♑44'53	
retrograde	-576 Dec 13 j 04:09	2°♑07'47	
evening set	-576 Dec 16 j 10:10	1°♑06'22	
	-576 Dec 17 j 21:17	30°℞♐	
inferior conj	-576 Dec 22 j 02:40	25°♐14'47	3°09'25
minimum elong	-576 Dec 21 j 23:53	25°♐23'38	3°08'44
min. Earth dist.	-576 Dec 23 j 12:55	23°♐26'23	0.65851 AU
morning rise	-576 Dec 27 j 12:44	19°♐03'03	
direct	-575 Jan 02 j 22:28	16°♐15'27	
morning max el	-575 Jan 15 j 16:39	23°♐45'51	26°23'58
desc. node	-575 Jan 20 j 04:31	28°♐40'47	
	-575 Jan 21 j 07:05	0°♑	
	-575 Feb 10 j 22:03	0°♒	
morning set	-575 Feb 20 j 18:17	17°♒26'50	
max. Earth dist.	-575 Feb 24 j 21:56	25°♒25'54	1.35021 AU
	-575 Feb 27 j 05:02	0°♓	
superior conj	-575 Mar 01 j 14:46	4°♓53'16	-1°-12'-3
minimum elong	-575 Mar 01 j 18:02	5°♓10'02	1°11'32
evening rise	-575 Mar 09 j 08:08	20°♓54'46	
asc. node	-575 Mar 09 j 02:41	20°♓26'37	
	-575 Mar 13 j 21:00	0°♈	
evening max el	-575 Mar 28 j 04:15	21°♈19'50	20°44'02
retrograde	-575 Apr 08 j 09:53	26°♈44'28	
evening set	-575 Apr 10 j 15:05	26°♈32'41	
desc. node	-575 Apr 18 j 03:41	23°♈32'09	
inferior conj	-575 Apr 19 j 19:50	22°♈35'19	0°-28'-41
minimum elong	-575 Apr 19 j 18:29	22°♈37'15	0°28'12
min. Earth dist.	-575 Apr 20 j 22:02	21°♈57'49	0.55105 AU
morning rise	-575 Apr 28 j 20:35	18°♈25'25	
direct	-575 May 02 j 07:42	17°♈59'29	
morning max el	-575 May 15 j 12:18	24°♈22'23	22°58'43
	-575 May 20 j 15:11	0°♉	
asc. node	-575 Jun 05 j 01:55	25°♉51'32	
morning set	-575 Jun 07 j 04:49	0°♊14'20	
	-575 Jun 07 j 02:05	0°♊	
superior conj	-575 Jun 14 j 09:03	15°♊32'27	1°24'10
minimum elong	-575 Jun 14 j 06:33	15°♊19'06	1°23'51
max. Earth dist.	-575 Jun 17 j 00:46	21°♊09'14	1.33931 AU
	-575 Jun 21 j 08:29	0°♋	
evening rise	-575 Jun 22 j 02:53	1°♋31'21	
	-575 Jul 08 j 07:40	0°♌	
desc. node	-575 Jul 15 j 03:00	9°♌51'56	
evening max el	-575 Jul 26 j 09:35	23°♌04'24	27°17'24
	-575 Aug 06 j 00:04	0°♍	
retrograde	-575 Aug 08 j 20:17	0°♍23'53	
	-575 Aug 11 j 13:41	30°℞♌	
evening set	-575 Aug 15 j 21:28	27°♌39'33	
min. Earth dist.	-575 Aug 19 j 15:36	24°♌07'50	0.64584 AU
inferior conj	-575 Aug 21 j 21:54	21°♌39'58	-3°-8'-1
minimum elong	-575 Aug 22 j 02:17	21°♌28'02	3°06'40
morning rise	-575 Aug 28 j 08:48	16°♌09'49	
direct	-575 Aug 30 j 23:55	15°♌33'45	
asc. node	-575 Sep 01 j 01:05	15°♌39'32	
morning max el	-575 Sep 06 j 12:05	19°♌02'00	18°02'56
	-575 Sep 14 j 14:46	0°♍	
morning set	-575 Sep 24 j 03:23	15°♍49'41	
	-575 Oct 02 j 15:30	0°♎	
superior conj	-575 Oct 07 j 17:45	8°♎16'31	0°21'58
minimum elong	-575 Oct 07 j 20:19	8°♎26'49	0°21'37
desc. node	-575 Oct 11 j 02:20	13°♎38'42	
max. Earth dist.	-575 Oct 12 j 05:06	15°♎24'56	1.44593 AU
	-575 Oct 21 j 12:36	0°♏	
evening rise	-575 Oct 24 j 05:17	4°♏10'11	
	-575 Nov 10 j 07:57	0°♐	
greatest brilliancy	-575 Nov 12 j 09:46	2°♐55'35	-0.6m
evening max el	-575 Nov 19 j 09:41	11°♐35'58	20°02'53
retrograde	-575 Nov 27 j 01:35	16°♐05'25	
asc. node	-575 Nov 28 j 00:21	16°♐00'16	
evening set	-575 Nov 30 j 15:46	14°♐50'11	
inferior conj	-575 Dec 06 j 04:11	8°♐45'08	2°32'33
minimum elong	-575 Dec 06 j 01:25	8°♐54'22	2°31'40

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

min. Earth dist.	-575 Dec 07 j 00:59	7°♐35'41	0.66795 AU
morning rise	-575 Dec 11 j 10:31	2°♐30'22	
	-575 Dec 16 j 09:15	30°℞♏	
direct	-575 Dec 17 j 06:15	29°♏56'47	
	-575 Dec 18 j 03:42	0°♐	
morning max el	-575 Dec 29 j 01:24	6°♐57'42	25°08'13
desc. node	-574 Jan 07 j 01:35	17°♐30'45	
	-574 Jan 16 j 00:37	0°♑	
morning set	-574 Feb 03 j 05:48	29°♑41'47	
	-574 Feb 03 j 09:52	0°♒	
max. Earth dist.	-574 Feb 06 j 23:26	6°♒31'12	1.36758 AU
superior conj	-574 Feb 13 j 04:08	18°♒24'45	-1°-34'-48
minimum elong	-574 Feb 13 j 07:54	18°♒43'20	1°34'22
	-574 Feb 18 j 22:50	0°♓	
evening rise	-574 Feb 21 j 11:43	5°♓07'29	
asc. node	-574 Feb 23 j 23:43	10°♓05'59	
	-574 Mar 07 j 23:46	0°♈	
evening max el	-574 Mar 10 j 17:20	2°♈58'47	19°35'17
retrograde	-574 Mar 20 j 06:01	7°♈32'54	
evening set	-574 Mar 22 j 09:51	7°♈19'51	
inferior conj	-574 Mar 30 j 23:21	3°♈15'13	1°23'51
minimum elong	-574 Mar 31 j 02:40	3°♈09'54	1°22'45
min. Earth dist.	-574 Apr 02 j 12:23	1°♈38'21	0.55981 AU
desc. node	-574 Apr 05 j 00:43	0°♈10'36	
	-574 Apr 05 j 08:46	30°℞♓	
morning rise	-574 Apr 08 j 15:59	28°♓35'15	
direct	-574 Apr 13 j 02:38	27°♓50'55	
	-574 Apr 20 j 16:34	0°♈	
morning max el	-574 Apr 27 j 03:36	4°♈55'04	24°39'17
	-574 May 14 j 23:50	0°♉	
morning set	-574 May 22 j 16:51	15°♉13'46	
asc. node	-574 May 22 j 22:59	15°♉46'06	
superior conj	-574 May 29 j 18:04	0°♊26'04	1°06'13
minimum elong	-574 May 29 j 15:40	0°♊13'06	1°05'49
	-574 May 29 j 13:15	0°♊	
max. Earth dist.	-574 May 31 j 06:20	3°♊42'24	1.33039 AU
evening rise	-574 Jun 06 j 01:23	15°♊53'33	
	-574 Jun 13 j 08:45	0°♋	
desc. node	-574 Jul 02 j 00:00	28°♋33'46	
	-574 Jul 03 j 04:31	0°♌	
evening max el	-574 Jul 08 j 19:09	6°♌01'45	27°24'06
retrograde	-574 Jul 22 j 13:00	13°♌21'01	
evening set	-574 Jul 29 j 17:53	10°♌47'17	
min. Earth dist.	-574 Aug 02 j 07:53	7°♌47'06	0.62938 AU
inferior conj	-574 Aug 05 j 03:22	5°♌02'30	-3°-53'-59
minimum elong	-574 Aug 05 j 07:56	4°♌51'18	3°52'56
	-574 Aug 11 j 15:38	30°℞♋	
morning rise	-574 Aug 12 j 00:20	29°♋51'10	
direct	-574 Aug 14 j 11:59	29°♋22'24	
	-574 Aug 17 j 07:21	0°♌	
asc. node	-574 Aug 18 j 22:09	0°♌55'01	
morning max el	-574 Aug 21 j 03:37	2°♌47'26	17°53'31
morning set	-574 Sep 06 j 11:48	28°♌11'04	
	-574 Sep 07 j 12:26	0°♍	
superior conj	-574 Sep 18 j 03:26	18°♍22'13	1°02'05
minimum elong	-574 Sep 18 j 08:31	18°♍43'34	1°01'27
max. Earth dist.	-574 Sep 24 j 20:32	29°♍25'20	1.43495 AU
	-574 Sep 25 j 05:08	0°♎	
desc. node	-574 Sep 27 j 23:20	4°♎24'57	
evening rise	-574 Oct 03 j 11:40	13°♎04'17	
	-574 Oct 14 j 15:37	0°♏	
greatest brilliancy	-574 Oct 28 j 01:59	18°♏52'37	-0.5m
evening max el	-574 Nov 02 j 09:12	25°♏03'35	21°09'42
	-574 Nov 09 j 15:10	0°♐	
retrograde	-574 Nov 10 j 22:57	0°♐09'04	
	-574 Nov 12 j 05:50	30°℞♏	
evening set	-574 Nov 14 j 23:18	28°♏38'03	
asc. node	-574 Nov 14 j 21:23	28°♏41'41	
inferior conj	-574 Nov 20 j 09:22	22°♏22'59	1°48'36
minimum elong	-574 Nov 20 j 07:07	22°♏30'42	1°47'45
min. Earth dist.	-574 Nov 20 j 18:19	21°♏52'10	0.67373 AU
morning rise	-574 Nov 25 j 14:35	16°♏07'16	
direct	-574 Nov 30 j 18:58	13°♏53'47	
morning max el	-574 Dec 11 j 10:10	20°♏14'02	23°42'01
	-574 Dec 19 j 18:17	0°♐	
desc. node	-574 Dec 24 j 22:36	6°♐58'54	
	-573 Jan 09 j 05:58	0°♑	
morning set	-573 Jan 15 j 17:54	10°♑44'12	
max. Earth dist.	-573 Jan 19 j 18:52	17°♑43'59	1.38800 AU
	-573 Jan 26 j 12:47	0°♒	
superior conj	-573 Jan 27 j 04:21	1°♒13'03	-1°-52'-11
minimum elong	-573 Jan 27 j 07:29	1°♒27'45	1°52'01
evening rise	-573 Feb 05 j 07:54	18°♒52'16	
asc. node	-573 Feb 10 j 20:44	29°♒24'04	
	-573 Feb 11 j 04:38	0°♓	
evening max el	-573 Feb 21 j 16:32	15°♓13'45	18°46'06
retrograde	-573 Mar 01 j 18:45	19°♓09'11	
evening set	-573 Mar 04 j 02:30	18°♓51'01	
inferior conj	-573 Mar 11 j 21:39	14°♓29'21	2°46'47
minimum elong	-573 Mar 12 j 02:02	14°♓21'13	2°45'44
min. Earth dist.	-573 Mar 15 j 05:09	12°♓03'10	0.57595 AU
morning rise	-573 Mar 19 j 21:25	9°♓17'10	
desc. node	-573 Mar 22 j 21:46	8°♓17'11	
direct	-573 Mar 25 j 11:19	8°♓00'53	
morning max el	-573 Apr 08 j 19:23	15°♓31'24	26°09'20
	-573 Apr 20 j 11:46	0°♈	
morning set	-573 May 07 j 04:14	0°♉10'45	
	-573 May 07 j 02:11	0°♉	
asc. node	-573 May 09 j 20:02	5°♉50'40	
superior conj	-573 May 14 j 05:18	15°♉25'00	0°44'54
minimum elong	-573 May 14 j 03:28	15°♉14'57	0°44'32
max. Earth dist.	-573 May 14 j 17:17	16°♉30'39	1.32518 AU
	-573 May 20 j 23:50	0°♊	
evening rise	-573 May 21 j 06:29	0°♊34'38	
	-573 Jun 06 j 10:58	0°♋	
desc. node	-573 Jun 18 j 21:01	16°♋13'37	
evening max el	-573 Jun 21 j 00:07	18°♋21'48	26°58'22
retrograde	-573 Jul 04 j 22:54	25°♋39'16	
evening set	-573 Jul 11 j 21:35	23°♋30'24	
min. Earth dist.	-573 Jul 15 j 14:02	20°♋49'31	0.60995 AU
inferior conj	-573 Jul 18 j 19:40	18°♋02'46	-4°-28'-4
minimum elong	-573 Jul 18 j 22:59	17°♋55'36	4°27'39
morning rise	-573 Jul 26 j 03:26	13°♋12'59	
direct	-573 Jul 28 j 13:56	12°♋49'11	
morning max el	-573 Aug 04 j 16:56	16°♋20'15	18°02'57
asc. node	-573 Aug 05 j 19:13	17°♋28'08	
	-573 Aug 14 j 07:18	0°♌	
morning set	-573 Aug 20 j 13:53	11°♌23'33	
superior conj	-573 Aug 30 j 16:25	29°♌49'02	1°29'05
minimum elong	-573 Aug 30 j 20:37	0°♍07'37	1°28'43
	-573 Aug 30 j 18:54	0°♍	
max. Earth dist.	-573 Sep 07 j 06:28	12°♍50'56	1.41867 AU
evening rise	-573 Sep 13 j 03:58	22°♍28'21	
desc. node	-573 Sep 14 j 20:20	25°♍08'43	
	-573 Sep 17 j 22:50	0°♎	
	-573 Oct 08 j 19:43	0°♏	
greatest brilliancy	-573 Oct 11 j 08:54	3°♏11'34	-0.3m
evening max el	-573 Oct 16 j 03:04	8°♏32'13	22°25'52

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-573 Oct 25 j 18:31	14°♏16'20		
evening set	-573 Oct 30 j 07:02	12°♏27'53		
asc. node	-573 Nov 01 j 18:25	9°♏57'10		
inferior conj	-573 Nov 04 j 16:16	6°♏06'37	0°59'26	
minimum elong	-573 Nov 04 j 14:55	6°♏11'16	0°58'52	
min. Earth dist.	-573 Nov 04 j 14:31	6°♏12'39	0.67620 AU	
morning rise	-573 Nov 09 j 22:40	29°♎52'22		
	-573 Nov 09 j 19:02	30°℞♎		
direct	-573 Nov 14 j 11:58	28°♎01'14		
	-573 Nov 19 j 18:11	0°♏		
morning max el	-573 Nov 23 j 21:45	3°♏35'20	22°15'00	
greatest brilliancy	-573 Nov 28 j 13:44	8°♏50'20	-0.3m	
desc. node	-573 Dec 11 j 19:37	26°♏54'34		
	-573 Dec 13 j 21:56	0°♐		
morning set	-573 Dec 27 j 01:20	20°♐22'23		
max. Earth dist.	-572 Jan 01 j 15:47	29°♐36'53	1.40907 AU	
	-572 Jan 01 j 21:16	0°♑		
superior conj	-572 Jan 09 j 10:37	13°♑06'27	-2°00'-45	
minimum elong	-572 Jan 09 j 11:18	13°♑09'27	2°00'46	
	-572 Jan 18 j 15:29	0°♒		
evening rise	-572 Jan 19 j 17:31	2°♒01'46		
asc. node	-572 Jan 28 j 17:46	18°♒13'59		
evening max el	-572 Feb 04 j 23:14	27°♒58'08	18°17'01	
	-572 Feb 07 j 10:56	0°♓		
retrograde	-572 Feb 12 j 02:02	1°♓30'47		
evening set	-572 Feb 14 j 14:21	1°♓05'15		
	-572 Feb 16 j 22:20	30°℞♒		
inferior conj	-572 Feb 21 j 16:54	26°♒22'30	3°34'10	
minimum elong	-572 Feb 21 j 19:37	26°♒16'37	3°33'48	
min. Earth dist.	-572 Feb 25 j 02:26	23°♒27'53	0.59617 AU	
morning rise	-572 Feb 28 j 21:25	20°♒46'13		
direct	-572 Mar 06 j 09:02	18°♒51'40		
desc. node	-572 Mar 08 j 18:49	19°♒06'56		
morning max el	-572 Mar 20 j 16:01	26°♒35'44	27°14'17	
	-572 Mar 23 j 21:28	0°♓		
	-572 Apr 12 j 22:12	0°♈		
morning set	-572 Apr 20 j 13:18	14°♈59'18		
asc. node	-572 Apr 25 j 17:05	26°♈00'45		
superior conj	-572 Apr 27 j 17:02	0°♉23'14	0°21'01	
minimum elong	-572 Apr 27 j 16:07	0°♉18'08	0°20'49	
max. Earth dist.	-572 Apr 27 j 06:04	29°♈23'01	1.32364 AU	
	-572 Apr 27 j 12:48	0°♉		
evening rise	-572 May 04 j 15:48	15°♉26'30		
	-572 May 11 j 23:27	0°♊		
	-572 Jun 01 j 23:42	0°♋		
evening max el	-572 Jun 01 j 22:42	29°♊57'36	26°00'35	
desc. node	-572 Jun 04 j 18:03	2°♋25'28		
retrograde	-572 Jun 16 j 00:08	7°♋11'01		
evening set	-572 Jun 22 j 04:04	5°♋38'42		
min. Earth dist.	-572 Jun 26 j 11:26	2°♋59'46	0.58934 AU	
inferior conj	-572 Jun 29 j 19:12	0°♋31'00	-4°-41'-37	
minimum elong	-572 Jun 29 j 19:16	0°♋30'52	4°41'38	
	-572 Jun 30 j 11:48	30°℞♊		
morning rise	-572 Jul 07 j 14:06	26°♊03'47		
direct	-572 Jul 10 j 01:33	25°♊43'11		
morning max el	-572 Jul 18 j 00:53	29°♊31'08	18°32'17	
	-572 Jul 18 j 12:44	0°♋		
asc. node	-572 Jul 22 j 16:18	5°♋02'57		
morning set	-572 Aug 03 j 04:37	25°♋13'22		
	-572 Aug 05 j 15:57	0°♌		
superior conj	-572 Aug 12 j 04:05	12°♌23'18	1°43'30	
minimum elong	-572 Aug 12 j 06:07	12°♌32'46	1°43'26	
max. Earth dist.	-572 Aug 19 j 11:11	25°♌33'19	1.39929 AU	
	-572 Aug 22 j 01:06	0°♍		
evening rise	-572 Aug 23 j 18:49	2°♍56'06		
desc. node	-572 Aug 31 j 17:22	15°♍45'52		
	-572 Sep 10 j 05:36	0°♎		
evening max el	-572 Sep 27 j 16:45	22°♎03'32	23°46'08	
retrograde	-572 Oct 08 j 10:50	28°♎23'45		
evening set	-572 Oct 13 j 13:17	26°♎17'02		
inferior conj	-572 Oct 18 j 23:05	19°♎53'33	0°06'34	
minimum elong	-572 Oct 18 j 22:56	19°♎54'05	0°06'30	
transit middle	-572 Oct 18 j 22:56	19°♎54'05	0°06'30	
transit begin	-572 Oct 18 j 20:26	20°♎02'34		
transit end	-572 Oct 19 j 01:25	19°♎45'36		
min. Earth dist.	-572 Oct 18 j 11:02	20°♎34'36	0.67554 AU	
asc. node	-572 Oct 18 j 15:29	20°♎19'28		
morning rise	-572 Oct 24 j 08:43	13°♎43'32		
direct	-572 Oct 28 j 08:11	12°♎14'14		
morning max el	-572 Nov 05 j 15:24	17°♎04'42	20°54'53	
greatest brilliancy	-572 Nov 11 j 08:27	23°♎45'20	-0.5m	
	-572 Nov 15 j 23:31	0°♏		
desc. node	-572 Nov 27 j 16:39	17°♏09'37		
morning set	-572 Dec 05 j 06:30	28°♏48'17		
	-572 Dec 06 j 00:51	0°♐		
max. Earth dist.	-572 Dec 13 j 19:54	12°♐25'47	1.42787 AU	
superior conj	-572 Dec 20 j 17:26	23°♐51'47	-1°-56'-5	
minimum elong	-572 Dec 20 j 13:44	23°♐36'10	1°55'56	
	-572 Dec 24 j 07:38	0°♑		
evening rise	-571 Jan 01 j 12:41	14°♑27'29		
	-571 Jan 10 j 10:00	0°♒		
asc. node	-571 Jan 14 j 14:48	6°♒26'46		
evening max el	-571 Jan 18 j 10:22	11°♒02'52	18°07'45	
retrograde	-571 Jan 25 j 00:53	14°♒28'02		
evening set	-571 Jan 27 j 17:23	13°♒53'52		
inferior conj	-571 Feb 03 j 06:35	8°♒49'25	3°51'38	
minimum elong	-571 Feb 03 j 06:58	8°♒48'28	3°51'37	
min. Earth dist.	-571 Feb 06 j 06:51	5°♒51'28	0.61694 AU	
morning rise	-571 Feb 09 j 18:07	2°♒57'26		
direct	-571 Feb 16 j 16:47	0°♒30'26		
desc. node	-571 Feb 23 j 15:52	2°♒39'02		
morning max el	-571 Mar 02 j 18:50	8°♒20'18	27°44'52	
	-571 Mar 19 j 10:02	0°♓		
morning set	-571 Apr 04 j 18:08	29°♓32'59		
	-571 Apr 04 j 23:25	0°♈		
max. Earth dist.	-571 Apr 10 j 17:03	12°♈07'18	1.32576 AU	
superior conj	-571 Apr 12 j 03:38	15°♈15'05	0°-4'-38	
minimum elong	-571 Apr 12 j 03:50	15°♈16'14	0°04'36	
behind sun begin	-571 Apr 11 j 22:56	14°♈49'30		
behind sun end	-571 Apr 12 j 08:45	15°♈43'00		
asc. node	-571 Apr 12 j 14:08	16°♈12'22		
	-571 Apr 18 j 23:04	0°♉		
evening rise	-571 Apr 19 j 03:16	0°♉22'15		
	-571 May 05 j 13:56	0°♊		
evening max el	-571 May 14 j 15:24	10°♊54'00	24°37'51	
desc. node	-571 May 22 j 15:06	16°♊35'58		
retrograde	-571 May 28 j 14:11	17°♊57'11		
evening set	-571 Jun 02 j 11:46	17°♊03'04		
min. Earth dist.	-571 Jun 08 j 02:55	14°♊09'24	0.57035 AU	
inferior conj	-571 Jun 10 j 23:07	12°♊18'59	-4°-22'-46	
minimum elong	-571 Jun 10 j 18:39	12°♊26'17	4°22'11	
morning rise	-571 Jun 19 j 05:21	8°♊12'17		
direct	-571 Jun 21 j 19:10	7°♊53'46		
morning max el	-571 Jul 01 j 00:36	12°♊11'18	19°22'25	
asc. node	-571 Jul 09 j 13:22	23°♊26'02		
	-571 Jul 13 j 06:31	0°♋		
morning set	-571 Jul 18 j 04:18	9°♋31'10		
superior conj	-571 Jul 26 j 08:50	25°♋49'44	1°47'29	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-571 Jul	26 j 08:47	25°♋49'31	1°47'30
	-571 Jul	28 j 12:31	0°♌	
max. Earth dist.	-571 Aug	01 j 14:23	7°♌39'48	1.37935 AU
evening rise	-571 Aug	05 j 10:38	14°♌35'26	
	-571 Aug	14 j 15:03	0°♍	
desc. node	-571 Aug	18 j 14:24	6°♍12'08	
	-571 Sep	04 j 23:46	0°♎	
evening max el	-571 Sep	10 j 04:30	5°♎38'44	25°03'39
retrograde	-571 Sep	21 j 23:00	12°♎28'00	
evening set	-571 Sep	27 j 16:20	10°♎03'47	
min. Earth dist.	-571 Oct	02 j 05:27	4°♎56'29	0.67170 AU
inferior conj	-571 Oct	03 j 04:08	3°♎42'00	0°-48'-29
minimum elong	-571 Oct	03 j 05:20	3°♎38'03	0°47'59
asc. node	-571 Oct	05 j 12:33	0°♎43'56	
	-571 Oct	06 j 04:01	30°℞♍	
morning rise	-571 Oct	08 j 18:49	27°♍39'14	
direct	-571 Oct	12 j 06:16	26°♍29'23	
	-571 Oct	18 j 22:33	0°♎	
morning max el	-571 Oct	19 j 16:48	0°♎44'40	19°46'48
greatest brilliancy	-571 Oct	27 j 14:20	10°♎35'54	-0.6m
	-571 Nov	09 j 14:39	0°♏	
morning set	-571 Nov	14 j 03:33	6°♏59'30	
desc. node	-571 Nov	14 j 13:41	7°♏38'39	
max. Earth dist.	-571 Nov	26 j 07:58	26°♏04'37	1.44181 AU
	-571 Nov	28 j 18:56	0°♐	
superior conj	-571 Nov	30 j 21:17	3°♐22'38	-1°-34'-6
minimum elong	-571 Nov	30 j 13:34	2°♐51'26	1°33'26
evening rise	-571 Dec	14 j 13:07	26°♐01'57	
	-571 Dec	16 j 21:10	0°♑	
asc. node	-570 Jan	01 j 11:51	23°♑51'14	
evening max el	-570 Jan	01 j 22:55	24°♑20'01	18°17'31
retrograde	-570 Jan	08 j 10:52	27°♑50'38	
evening set	-570 Jan	11 j 07:41	27°♑06'58	
inferior conj	-570 Jan	17 j 10:45	21°♑42'07	3°46'59
minimum elong	-570 Jan	17 j 09:17	21°♑46'12	3°46'51
min. Earth dist.	-570 Jan	19 j 20:36	19°♑01'46	0.63576 AU
morning rise	-570 Jan	23 j 09:17	15°♑39'47	
direct	-570 Jan	30 j 08:34	12°♑53'31	
desc. node	-570 Feb	10 j 12:54	18°♑19'44	
morning max el	-570 Feb	13 j 02:28	20°♑43'27	27°38'37
	-570 Feb	21 j 03:32	0°♒	
	-570 Mar	12 j 10:49	0°♓	
morning set	-570 Mar	19 j 16:12	13°♓42'33	
max. Earth dist.	-570 Mar	24 j 22:08	24°♓28'35	1.33182 AU
superior conj	-570 Mar	27 j 11:12	29°♓53'15	0°-31'-11
minimum elong	-570 Mar	27 j 12:41	0°♈01'13	0°30'53
	-570 Mar	27 j 12:28	0°♈	
asc. node	-570 Mar	30 j 11:11	6°♈20'34	
evening rise	-570 Apr	03 j 14:58	15°♈13'57	
	-570 Apr	11 j 01:37	0°♉	
evening max el	-570 Apr	26 j 06:19	21°♉29'26	23°03'13
retrograde	-570 May	09 j 15:36	28°♉08'29	
desc. node	-570 May	09 j 12:09	28°♉08'26	
evening set	-570 May	13 j 03:13	27°♉41'53	
min. Earth dist.	-570 May	20 j 15:47	24°♉20'25	0.55628 AU
inferior conj	-570 May	22 j 07:30	23°♉22'44	-3°-20'-36
minimum elong	-570 May	22 j 00:25	23°♉33'04	3°18'47
morning rise	-570 May	31 j 00:40	19°♉28'25	
direct	-570 Jun	02 j 18:03	19°♉10'43	
morning max el	-570 Jun	13 j 13:48	24°♉11'36	20°33'17
	-570 Jun	18 j 16:40	0°♊	
asc. node	-570 Jun	26 j 10:25	12°♊25'07	
morning set	-570 Jul	02 j 10:01	24°♊08'17	
	-570 Jul	05 j 06:19	0°♋	

superior conj	-570 Jul	10 j 01:41	9°♋53'33	1°43'15
minimum elong	-570 Jul	10 j 00:09	9°♋45'47	1°43'10
max. Earth dist.	-570 Jul	14 j 21:13	19°♋29'00	1.36110 AU
evening rise	-570 Jul	18 j 23:43	27°♋16'49	
	-570 Jul	20 j 11:16	0°♌	
desc. node	-570 Aug	05 j 11:28	26°♌21'19	
	-570 Aug	07 j 23:41	0°♍	
evening max el	-570 Aug	23 j 15:57	19°♍14'30	26°10'55
retrograde	-570 Sep	05 j 06:25	26°♍23'29	
evening set	-570 Sep	11 j 14:16	23°♍45'16	
min. Earth dist.	-570 Sep	15 j 19:19	19°♍15'10	0.66445 AU
inferior conj	-570 Sep	17 j 05:31	17°♍29'04	-1°-44'-10
minimum elong	-570 Sep	17 j 08:08	17°♍20'57	1°43'08
asc. node	-570 Sep	22 j 09:35	12°♍04'36	
morning rise	-570 Sep	23 j 02:55	11°♍36'34	
direct	-570 Sep	26 j 04:30	10°♍42'49	
morning max el	-570 Oct	03 j 01:10	14°♍32'54	18°53'32
	-570 Oct	14 j 10:43	0°♎	
morning set	-570 Oct	24 j 16:39	16°♎04'28	
desc. node	-570 Nov	01 j 10:44	28°♎17'19	
	-570 Nov	02 j 12:52	0°♏	
max. Earth dist.	-570 Nov	09 j 01:01	10°♏13'38	1.44912 AU
superior conj	-570 Nov	10 j 03:00	11°♏55'59	0°-54'-40
minimum elong	-570 Nov	09 j 20:15	11°♏29'23	0°53'51
	-570 Nov	21 j 11:56	0°♐	
evening rise	-570 Nov	25 j 14:55	6°♐38'48	
	-570 Dec	10 j 08:38	0°♑	
evening max el	-570 Dec	16 j 10:18	7°♑44'07	18°45'27
asc. node	-570 Dec	19 j 08:53	10°♑14'02	
retrograde	-570 Dec	23 j 03:49	11°♑31'00	
evening set	-570 Dec	26 j 05:57	10°♑36'37	
inferior conj	-569 Jan	01 j 01:39	4°♑53'51	3°26'33
minimum elong	-570 Dec	31 j 23:07	5°♑01'32	3°26'05
min. Earth dist.	-569 Jan	02 j 20:14	2°♑44'21	0.65125 AU
	-569 Jan	05 j 07:06	30°℞♐	
morning rise	-569 Jan	06 j 15:12	28°♐44'35	
direct	-569 Jan	13 j 07:17	25°♐53'43	
	-569 Jan	22 j 12:56	0°♑	
morning max el	-569 Jan	26 j 12:13	3°♑35'21	26°59'01
desc. node	-569 Jan	28 j 09:55	5°♑34'17	
	-569 Feb	15 j 12:33	0°♒	
morning set	-569 Mar	03 j 04:26	27°♒18'22	
	-569 Mar	04 j 13:47	0°♓	
max. Earth dist.	-569 Mar	07 j 17:28	6°♓16'32	1.34218 AU
superior conj	-569 Mar	11 j 13:47	14°♓11'36	0°-57'-32
minimum elong	-569 Mar	11 j 16:29	14°♓25'42	0°57'03
asc. node	-569 Mar	17 j 08:13	26°♓21'19	
evening rise	-569 Mar	19 j 01:07	29°♓55'27	
	-569 Mar	19 j 01:59	0°♈	
	-569 Apr	05 j 22:57	0°♉	
evening max el	-569 Apr	08 j 02:34	2°♉14'33	21°31'18
retrograde	-569 Apr	20 j 07:05	8°♉10'17	
evening set	-569 Apr	22 j 18:24	7°♉56'24	
desc. node	-569 Apr	26 j 09:09	6°♉50'59	
inferior conj	-569 May	02 j 03:16	3°♉55'13	-1°-37'-30
minimum elong	-569 May	01 j 22:45	4°♉01'34	1°35'58
min. Earth dist.	-569 May	02 j 04:46	3°♉53'08	0.55020 AU
	-569 May	10 j 21:16	30°℞♈	
morning rise	-569 May	11 j 03:38	29°♈56'22	
direct	-569 May	14 j 05:11	29°♈35'50	
	-569 May	17 j 11:12	0°♉	
morning max el	-569 May	26 j 16:07	5°♉29'35	22°02'07
	-569 Jun	12 j 08:43	0°♊	
asc. node	-569 Jun	13 j 07:28	1°♊51'19	
morning set	-569 Jun	16 j 19:34	8°♊58'33	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-569 Jun 24 j 02:56	24°♊23'42	1°32'38
minimum elong	-569 Jun 24 j 00:37	24°♊11'29	1°32'23
	-569 Jun 26 j 19:36	0°♋	
max. Earth dist.	-569 Jun 27 j 12:22	1°♋25'59	1.34613 AU
evening rise	-569 Jul 02 j 05:10	10°♋47'27	
	-569 Jul 12 j 21:20	0°♌	
desc. node	-569 Jul 23 j 08:30	16°♌05'39	
	-569 Aug 03 j 11:08	0°♍	
evening max el	-569 Aug 06 j 03:40	2°♍44'16	27°00'08
retrograde	-569 Aug 19 j 08:44	10°♍02'59	
evening set	-569 Aug 26 j 04:44	7°♍17'50	
min. Earth dist.	-569 Aug 30 j 02:23	3°♍25'26	0.65363 AU
inferior conj	-569 Sep 01 j 01:11	1°♍10'57	-2°-38'-29
minimum elong	-569 Sep 01 j 05:02	0°♍59'50	2°37'09
	-569 Sep 02 j 02:07	30°℞♌	
morning rise	-569 Sep 07 j 06:48	25°♌31'48	
asc. node	-569 Sep 09 j 06:39	24°♌53'35	
direct	-569 Sep 10 j 00:54	24°♌50'24	
morning max el	-569 Sep 16 j 14:25	28°♌24'31	18°16'28
	-569 Sep 18 j 01:35	0°♍	
morning set	-569 Oct 05 j 09:35	26°♍32'06	
	-569 Oct 07 j 12:19	0°♎	
desc. node	-569 Oct 19 j 07:46	19°♎01'29	
superior conj	-569 Oct 20 j 04:27	20°♎23'27	0°-5'-39
minimum elong	-569 Oct 20 j 03:43	20°♎20'32	0°05'34
behind sun begin	-569 Oct 19 j 17:14	19°♎38'59	
behind sun end	-569 Oct 20 j 14:13	21°♎02'02	
max. Earth dist.	-569 Oct 22 j 19:30	24°♎32'21	1.44912 AU
	-569 Oct 26 j 06:55	0°♏	
evening rise	-569 Nov 05 j 17:00	16°♏17'11	
	-569 Nov 14 j 12:36	0°♐	
greatest brilliancy	-569 Nov 21 j 03:44	10°♐01'33	-0.7m
evening max el	-569 Nov 29 j 18:17	21°♐11'06	19°30'18
asc. node	-569 Dec 06 j 05:54	25°♐19'42	
retrograde	-569 Dec 07 j 00:22	25°♐23'02	
evening set	-569 Dec 10 j 09:29	24°♐16'11	
inferior conj	-569 Dec 16 j 00:02	18°♐18'28	2°54'46
minimum elong	-569 Dec 15 j 21:11	18°♐27'44	2°54'00
min. Earth dist.	-569 Dec 17 j 04:24	16°♐46'15	0.66293 AU
morning rise	-569 Dec 21 j 08:07	12°♐04'54	
direct	-569 Dec 27 j 12:09	9°♐22'05	
morning max el	-568 Jan 08 j 21:33	16°♐42'30	25°53'39
desc. node	-568 Jan 15 j 06:57	23°♐55'05	
	-568 Jan 19 j 23:45	0°♑	
	-568 Feb 08 j 10:24	0°♒	
morning set	-568 Feb 14 j 02:31	10°♒07'13	
max. Earth dist.	-568 Feb 18 j 00:42	17°♒30'27	1.35709 AU
superior conj	-568 Feb 23 j 08:51	28°♒02'31	-1°-22'-11
minimum elong	-568 Feb 23 j 12:25	28°♒20'34	1°21'41
	-568 Feb 24 j 08:03	0°♓	
evening rise	-568 Mar 02 j 07:41	14°♓20'08	
asc. node	-568 Mar 03 j 05:15	16°♓09'45	
	-568 Mar 10 j 11:43	0°♈	
evening max el	-568 Mar 20 j 09:15	13°♈31'51	20°12'31
retrograde	-568 Mar 30 j 21:29	18°♈34'05	
evening set	-568 Apr 02 j 00:44	18°♈22'31	
inferior conj	-568 Apr 10 j 23:56	14°♈24'05	0°21'27
minimum elong	-568 Apr 11 j 00:54	14°♈22'38	0°21'07
desc. node	-568 Apr 12 j 06:08	13°♈39'06	
min. Earth dist.	-568 Apr 12 j 18:46	13°♈20'28	0.55368 AU
morning rise	-568 Apr 19 j 22:30	10°♈02'05	
direct	-568 Apr 23 j 18:34	9°♈29'55	
morning max el	-568 May 07 j 09:56	16°♈13'03	23°41'45
	-568 May 18 j 09:17	0°♉	
asc. node	-568 May 30 j 04:32	21°♉37'26	
morning set	-568 May 31 j 07:11	23°♉56'26	
	-568 Jun 03 j 03:33	0°♊	
superior conj	-568 Jun 07 j 09:48	9°♊11'20	1°17'02
minimum elong	-568 Jun 07 j 07:17	8°♊57'49	1°16'40
max. Earth dist.	-568 Jun 09 j 13:09	13°♊45'51	1.33501 AU
evening rise	-568 Jun 14 j 22:32	24°♊54'44	
	-568 Jun 17 j 12:34	0°♋	
	-568 Jul 05 j 09:24	0°♌	
desc. node	-568 Jul 09 j 05:29	5°♌14'47	
evening max el	-568 Jul 18 j 14:46	15°♌58'07	27°24'09
retrograde	-568 Aug 01 j 05:18	23°♌18'32	
evening set	-568 Aug 08 j 08:49	20°♌37'08	
min. Earth dist.	-568 Aug 12 j 00:43	17°♌19'39	0.63918 AU
inferior conj	-568 Aug 14 j 12:42	14°♌43'13	-3°-28'-36
minimum elong	-568 Aug 14 j 17:18	14°♌31'12	3°27'20
morning rise	-568 Aug 21 j 03:46	9°♌20'34	
direct	-568 Aug 23 j 16:58	8°♌48'04	
asc. node	-568 Aug 26 j 03:42	9°♌18'18	
morning max el	-568 Aug 30 j 05:56	12°♌14'20	17°56'40
	-568 Sep 11 j 09:24	0°♍	
morning set	-568 Sep 16 j 05:20	8°♍17'31	
superior conj	-568 Sep 28 j 22:57	29°♍44'08	0°40'27
minimum elong	-568 Sep 29 j 03:07	0°♎01'10	0°39'53
	-568 Sep 29 j 02:50	0°♎	
max. Earth dist.	-568 Oct 04 j 12:41	8°♎44'03	1.44200 AU
desc. node	-568 Oct 05 j 04:49	9°♎48'16	
evening rise	-568 Oct 15 j 02:13	25°♎16'34	
	-568 Oct 18 j 04:04	0°♏	
greatest brilliancy	-568 Nov 05 j 18:01	27°♏15'56	-0.5m
	-568 Nov 07 j 20:34	0°♐	
evening max el	-568 Nov 11 j 21:16	4°♐39'16	20°29'56
retrograde	-568 Nov 19 j 21:56	9°♐23'21	
asc. node	-568 Nov 22 j 02:55	8°♐55'32	
evening set	-568 Nov 23 j 16:08	8°♐01'50	
inferior conj	-568 Nov 29 j 03:23	1°♐52'20	2°14'39
minimum elong	-568 Nov 29 j 00:47	2°♐01'09	2°13'46
min. Earth dist.	-568 Nov 29 j 19:04	0°♐59'10	0.67086 AU
	-568 Nov 30 j 12:43	30°℞♏	
morning rise	-568 Dec 04 j 08:56	25°♏36'50	
direct	-568 Dec 09 j 22:19	23°♏10'57	
morning max el	-568 Dec 21 j 05:52	29°♏55'47	24°32'08
	-568 Dec 21 j 07:32	0°♐	
desc. node	-567 Jan 01 j 04:00	13°♐02'53	
	-567 Jan 12 j 21:15	0°♑	
morning set	-567 Jan 26 j 04:51	21°♑53'15	
max. Earth dist.	-567 Jan 29 j 22:14	28°♑32'15	1.37601 AU
	-567 Jan 30 j 17:27	0°♒	
superior conj	-567 Feb 05 j 17:10	11°♒17'11	-1°-43'-1
minimum elong	-567 Feb 05 j 20:50	11°♒34'56	1°42'41
evening rise	-567 Feb 14 j 08:27	28°♒21'37	
	-567 Feb 15 j 04:19	0°♓	
asc. node	-567 Feb 18 j 02:16	5°♓40'43	
evening max el	-567 Mar 03 j 03:01	25°♓27'17	19°11'57
retrograde	-567 Mar 11 j 23:33	29°♓42'30	
evening set	-567 Mar 14 j 04:57	29°♓27'34	
inferior conj	-567 Mar 22 j 10:41	25°♓16'47	2°03'23
minimum elong	-567 Mar 22 j 14:55	25°♓09'36	2°02'09
min. Earth dist.	-567 Mar 25 j 09:58	23°♓16'54	0.56598 AU
desc. node	-567 Mar 30 j 03:11	20°♓40'28	
morning rise	-567 Mar 30 j 20:52	20°♓22'47	
direct	-567 Apr 04 j 19:36	19°♓26'00	
morning max el	-567 Apr 19 j 00:29	26°♓43'05	25°19'46
	-567 Apr 22 j 03:56	0°♈	
	-567 May 11 j 10:02	0°♉	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-567 May 15 j 19:09	8°♉55'33	
asc. node	-567 May 17 j 01:35	11°♉36'50	
superior conj	-567 May 22 j 19:59	24°♉08'07	0°57'33
minimum elong	-567 May 22 j 17:47	23°♉56'06	0°57'09
max. Earth dist.	-567 May 23 j 21:28	26°♉27'01	1.32774 AU
	-567 May 25 j 12:48	0°♊	
evening rise	-567 May 30 j 00:12	9°♊26'32	
	-567 Jun 09 j 21:00	0°♋	
desc. node	-567 Jun 26 j 02:30	23°♋33'12	
evening max el	-567 Jun 30 j 22:56	28°♋42'01	27°17'20
	-567 Jul 02 j 09:00	0°♌	
retrograde	-567 Jul 14 j 19:10	6°♌00'02	
evening set	-567 Jul 21 j 22:40	3°♌35'36	
min. Earth dist.	-567 Jul 25 j 12:48	0°♌45'11	0.62140 AU
	-567 Jul 26 j 08:43	30°℞♋	
inferior conj	-567 Jul 28 j 13:02	27°♋57'51	-4°-10'-19
minimum elong	-567 Jul 28 j 17:17	27°♋47'55	4°09'32
morning rise	-567 Aug 04 j 14:30	22°♋55'02	
direct	-567 Aug 07 j 01:25	22°♋28'33	
asc. node	-567 Aug 13 j 00:46	25°♋08'38	
morning max el	-567 Aug 13 j 20:49	25°♋55'07	17°55'07
	-567 Aug 17 j 08:07	0°♌	
morning set	-567 Aug 29 j 21:59	21°♌02'54	
	-567 Sep 03 j 21:36	0°♍	
superior conj	-567 Sep 09 j 20:29	10°♍24'45	1°15'10
minimum elong	-567 Sep 10 j 01:29	10°♍46'12	1°14'37
max. Earth dist.	-567 Sep 17 j 02:11	22°♍32'10	1.42863 AU
	-567 Sep 21 j 17:17	0°♎	
desc. node	-567 Sep 22 j 01:50	0°♎33'57	
evening rise	-567 Sep 24 j 10:42	4°♎18'06	
	-567 Oct 11 j 14:17	0°♏	
greatest brilliancy	-567 Oct 20 j 21:20	12°♏32'55	-0.4m
evening max el	-567 Oct 25 j 18:27	18°♏07'41	21°41'17
retrograde	-567 Nov 03 j 18:36	23°♏28'54	
evening set	-567 Nov 07 j 23:58	21°♏50'37	
asc. node	-567 Nov 08 j 23:58	20°♏58'09	
inferior conj	-567 Nov 13 j 09:31	15°♏32'42	1°28'19
minimum elong	-567 Nov 13 j 07:37	15°♏39'16	1°27'33
min. Earth dist.	-567 Nov 13 j 13:51	15°♏17'45	0.67522 AU
morning rise	-567 Nov 18 j 15:00	9°♏17'31	
direct	-567 Nov 23 j 12:59	7°♏13'21	
morning max el	-567 Dec 03 j 15:17	13°♏13'25	23°04'37
greatest brilliancy	-567 Dec 08 j 12:15	18°♏40'54	-0.3m
	-567 Dec 17 j 02:37	0°♐	
desc. node	-567 Dec 19 j 01:04	2°♐44'03	
	-566 Jan 05 j 19:12	0°♑	
morning set	-566 Jan 07 j 05:11	2°♑20'32	
max. Earth dist.	-566 Jan 11 j 17:44	10°♑00'29	1.39706 AU
superior conj	-566 Jan 19 j 10:29	23°♑44'28	-1°-57'-9
minimum elong	-566 Jan 19 j 12:49	23°♑55'15	1°57'04
	-566 Jan 22 j 19:07	0°♒	
evening rise	-566 Jan 29 j 00:35	11°♒52'56	
asc. node	-566 Feb 04 j 23:19	24°♒48'12	
	-566 Feb 08 j 02:07	0°♓	
evening max el	-566 Feb 14 j 05:51	7°♓56'31	18°31'18
retrograde	-566 Feb 21 j 20:31	11°♓40'16	
evening set	-566 Feb 24 j 06:23	11°♓19'01	
inferior conj	-566 Mar 03 j 18:04	6°♓48'18	3°11'02
minimum elong	-566 Mar 03 j 21:57	6°♓40'36	3°10'15
min. Earth dist.	-566 Mar 07 j 04:05	4°♓07'24	0.58426 AU
morning rise	-566 Mar 11 j 09:39	1°♓25'03	
	-566 Mar 15 j 17:48	30°℞♒	
direct	-566 Mar 17 j 09:54	29°♒52'50	
desc. node	-566 Mar 17 j 00:13	29°♒53'15	
	-566 Mar 19 j 02:20	0°♓	
morning max el	-566 Mar 31 j 17:58	7°♓29'21	26°40'47
	-566 Apr 17 j 14:25	0°♈	
morning set	-566 Apr 30 j 05:49	23°♈50'24	
	-566 May 03 j 03:18	0°♉	
asc. node	-566 May 03 j 22:38	1°♉44'44	
superior conj	-566 May 07 j 07:40	9°♉07'54	0°35'03
minimum elong	-566 May 07 j 06:11	8°♉59'44	0°34'45
max. Earth dist.	-566 May 07 j 09:56	9°♉20'23	1.32414 AU
evening rise	-566 May 14 j 07:26	24°♉13'50	
	-566 May 17 j 02:54	0°♊	
	-566 Jun 03 j 20:22	0°♋	
desc. node	-566 Jun 12 j 23:31	10°♋39'33	
evening max el	-566 Jun 13 j 01:28	10°♋44'14	26°37'23
retrograde	-566 Jun 27 j 01:15	17°♋59'28	
evening set	-566 Jul 03 j 17:49	16°♋05'03	
min. Earth dist.	-566 Jul 07 j 14:46	13°♋27'27	0.60130 AU
inferior conj	-566 Jul 10 j 22:39	10°♋45'55	-4°-36'-56
minimum elong	-566 Jul 11 j 00:51	10°♋41'28	4°36'47
morning rise	-566 Jul 18 j 11:07	6°♋05'39	
direct	-566 Jul 20 j 21:59	5°♋43'14	
morning max el	-566 Jul 28 j 08:12	9°♋19'38	18°12'54
asc. node	-566 Jul 30 j 21:51	12°♋09'50	
	-566 Aug 10 j 19:50	0°♌	
morning set	-566 Aug 13 j 05:58	4°♌32'47	
superior conj	-566 Aug 22 j 19:49	22°♌22'19	1°36'37
minimum elong	-566 Aug 22 j 23:09	22°♌37'22	1°36'24
	-566 Aug 27 j 02:49	0°♍	
max. Earth dist.	-566 Aug 30 j 10:15	5°♍41'50	1.41073 AU
evening rise	-566 Sep 04 j 11:40	14°♍06'29	
desc. node	-566 Sep 08 j 22:52	21°♍15'23	
	-566 Sep 14 j 15:05	0°♎	
greatest brilliancy	-566 Oct 03 j 03:06	25°♎40'17	-0.2m
	-566 Oct 06 j 21:08	0°♏	
evening max el	-566 Oct 08 j 10:15	1°♏36'59	22°59'52
retrograde	-566 Oct 18 j 12:53	7°♏36'47	
evening set	-566 Oct 23 j 07:17	5°♏40'18	
asc. node	-566 Oct 26 j 21:03	1°♏45'10	
	-566 Oct 28 j 04:17	30°℞♎	
inferior conj	-566 Oct 28 j 16:35	29°♎17'36	0°37'22
minimum elong	-566 Oct 28 j 15:43	29°♎20'36	0°36'59
min. Earth dist.	-566 Oct 28 j 10:22	29°♎39'02	0.67632 AU
morning rise	-566 Nov 03 j 00:09	23°♎05'06	
direct	-566 Nov 07 j 07:20	21°♎23'38	
morning max el	-566 Nov 16 j 05:15	26°♎38'07	21°39'46
	-566 Nov 19 j 06:54	0°♏	
greatest brilliancy	-566 Nov 21 j 04:04	2°♏16'24	-0.4m
desc. node	-566 Dec 05 j 22:06	22°♏48'43	
	-566 Dec 10 j 16:36	0°♐	
morning set	-566 Dec 18 j 00:20	11°♐24'00	
max. Earth dist.	-566 Dec 24 j 17:53	22°♐18'54	1.41748 AU
	-566 Dec 29 j 07:32	0°♑	
superior conj	-565 Jan 01 j 07:23	5°♑10'02	-2°00'-40
minimum elong	-565 Jan 01 j 06:23	5°♑05'41	2°00'40
evening rise	-565 Jan 12 j 04:35	24°♑45'02	
	-565 Jan 15 j 01:25	0°♒	
asc. node	-565 Jan 22 j 20:22	13°♒23'38	
evening max el	-565 Jan 28 j 14:44	20°♒50'07	18°10'40
retrograde	-565 Feb 04 j 11:10	24°♒18'16	
evening set	-565 Feb 07 j 01:12	23°♒49'14	
inferior conj	-565 Feb 13 j 21:38	18°♒56'58	3°44'46
minimum elong	-565 Feb 13 j 23:20	18°♒53'01	3°44'36
min. Earth dist.	-565 Feb 17 j 04:03	15°♒58'05	0.60503 AU
morning rise	-565 Feb 20 j 18:28	13°♒12'53	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

direct	-565 Feb 27 j 11:53	11°♒03'35	
desc. node	-565 Mar 03 j 21:16	11°♒54'42	
morning max el	-565 Mar 13 j 17:30	18°♒51'02	27°31'54
	-565 Mar 23 j 03:49	0°♓	
	-565 Apr 10 j 06:52	0°♈	
morning set	-565 Apr 14 j 13:21	8°♈33'44	
asc. node	-565 Apr 20 j 19:42	21°♈55'58	
max. Earth dist.	-565 Apr 20 j 22:32	22°♈11'26	1.32410 AU
superior conj	-565 Apr 21 j 19:07	24°♈04'01	0°10'19
minimum elong	-565 Apr 21 j 18:38	24°♈01'26	0°10'14
behind sun begin	-565 Apr 21 j 14:46	23°♈40'15	
behind sun end	-565 Apr 21 j 22:31	24°♈22'38	
	-565 Apr 24 j 12:08	0°♉	
evening rise	-565 Apr 28 j 17:53	9°♉07'59	
	-565 May 09 j 13:50	0°♊	
evening max el	-565 May 25 j 21:01	22°♊00'51	25°27'39
desc. node	-565 May 30 j 20:32	26°♊04'15	
retrograde	-565 Jun 08 j 22:05	29°♊11'38	
evening set	-565 Jun 14 j 14:29	27°♊55'45	
min. Earth dist.	-565 Jun 19 j 09:00	25°♊12'34	0.58090 AU
inferior conj	-565 Jun 22 j 14:02	22°♊57'32	-4°-38'-22
minimum elong	-565 Jun 22 j 12:12	23°♊00'46	4°38'16
morning rise	-565 Jun 30 j 13:48	18°♊40'02	
direct	-565 Jul 03 j 02:09	18°♊20'29	
morning max el	-565 Jul 11 j 13:02	22°♊18'56	18°51'06
asc. node	-565 Jul 17 j 18:55	0°♋06'46	
	-565 Jul 17 j 17:09	0°♋	
morning set	-565 Jul 28 j 00:53	18°♋35'35	
	-565 Aug 02 j 20:38	0°♌	
superior conj	-565 Aug 05 j 15:27	5°♌21'13	1°46'20
minimum elong	-565 Aug 05 j 16:33	5°♌26'26	1°46'19
max. Earth dist.	-565 Aug 12 j 13:32	18°♌06'48	1.39069 AU
evening rise	-565 Aug 16 j 13:18	25°♌05'03	
	-565 Aug 19 j 11:14	0°♍	
desc. node	-565 Aug 26 j 19:54	11°♍48'44	
	-565 Sep 08 j 08:04	0°♎	
evening max el	-565 Sep 20 j 22:38	15°♎09'35	24°19'48
retrograde	-565 Oct 02 j 03:41	21°♎43'58	
evening set	-565 Oct 07 j 12:25	19°♎29'22	
inferior conj	-565 Oct 12 j 22:52	13°♎05'51	0°-16'-36
minimum elong	-565 Oct 12 j 23:16	13°♎04'30	0°16'27
min. Earth dist.	-565 Oct 12 j 06:17	14°♎01'36	0.67426 AU
asc. node	-565 Oct 13 j 18:06	12°♎01'32	
morning rise	-565 Oct 18 j 10:26	6°♎58'37	
direct	-565 Oct 22 j 04:26	5°♎38'11	
morning max el	-565 Oct 30 j 02:16	10°♎12'53	20°24'16
greatest brilliancy	-565 Nov 05 j 13:51	17°♎58'51	-0.5m
	-565 Nov 14 j 01:10	0°♏	
desc. node	-565 Nov 22 j 19:10	13°♏10'38	
morning set	-565 Nov 26 j 23:03	19°♏35'04	
	-565 Dec 03 j 14:37	0°♐	
max. Earth dist.	-565 Dec 07 j 01:14	5°♐29'45	1.43446 AU
superior conj	-565 Dec 13 j 02:50	15°♐23'26	-1°-49'-1
minimum elong	-565 Dec 12 j 21:07	14°♐59'50	1°48'41
	-565 Dec 21 j 18:01	0°♑	
evening rise	-565 Dec 25 j 16:21	6°♑50'07	
	-564 Jan 08 j 17:44	0°♒	
asc. node	-564 Jan 09 j 17:24	1°♒17'25	
evening max el	-564 Jan 12 j 02:44	4°♒00'37	18°09'35
retrograde	-564 Jan 18 j 15:16	7°♒26'55	
evening set	-564 Jan 21 j 09:24	6°♒49'00	
inferior conj	-564 Jan 27 j 17:57	1°♒35'48	3°51'55
minimum elong	-564 Jan 27 j 17:27	1°♒37'06	3°51'54
	-564 Jan 29 j 06:27	30°℞♑	
min. Earth dist.	-564 Jan 30 j 12:30	28°♑42'51	0.62527 AU
morning rise	-564 Feb 02 j 23:24	25°♑38'38	
direct	-564 Feb 09 j 23:25	23°♑01'21	
desc. node	-564 Feb 18 j 18:19	26°♑25'32	
	-564 Feb 23 j 00:52	0°♒	
morning max el	-564 Feb 23 j 22:44	0°♒53'02	27°46'34
	-564 Mar 16 j 06:08	0°♓	
morning set	-564 Mar 28 j 15:37	22°♓58'10	
	-564 Apr 01 j 01:22	0°♈	
max. Earth dist.	-564 Apr 03 j 07:18	4°♈46'27	1.32778 AU
superior conj	-564 Apr 05 j 04:37	8°♈50'37	0°-15'-50
minimum elong	-564 Apr 05 j 05:22	8°♈54'39	0°15'41
behind sun begin	-564 Apr 05 j 04:36	8°♈50'28	
behind sun end	-564 Apr 05 j 06:08	8°♈58'50	
asc. node	-564 Apr 06 j 16:44	12°♈06'30	
evening rise	-564 Apr 12 j 05:37	24°♈02'20	
	-564 Apr 15 j 02:38	0°♉	
	-564 May 03 j 20:42	0°♊	
evening max el	-564 May 06 j 12:02	2°♊44'34	23°58'09
desc. node	-564 May 16 j 17:33	9°♊11'16	
retrograde	-564 May 20 j 07:19	9°♊40'24	
evening set	-564 May 24 j 13:48	8°♊59'59	
min. Earth dist.	-564 May 30 j 23:12	5°♊55'38	0.56350 AU
inferior conj	-564 Jun 02 j 09:16	4°♊26'16	-4°-2'-4
minimum elong	-564 Jun 02 j 03:11	4°♊35'40	4°00'55
morning rise	-564 Jun 10 j 20:18	0°♊26'17	
direct	-564 Jun 13 j 11:09	0°♊08'30	
morning max el	-564 Jun 23 j 08:32	4°♊43'20	19°50'08
asc. node	-564 Jul 03 j 15:59	18°♊46'24	
	-564 Jul 09 j 15:01	0°♋	
morning set	-564 Jul 11 j 03:23	3°♋02'10	
superior conj	-564 Jul 19 j 01:50	19°♋05'05	1°46'35
minimum elong	-564 Jul 19 j 01:05	19°♋01'19	1°46'33
max. Earth dist.	-564 Jul 24 j 17:04	0°♌00'46	1.37122 AU
	-564 Jul 24 j 16:54	0°♌	
evening rise	-564 Jul 28 j 14:44	7°♌12'29	
	-564 Aug 11 j 07:09	0°♍	
desc. node	-564 Aug 12 j 16:55	2°♍08'30	
evening max el	-564 Sep 02 j 10:03	28°♍45'36	25°34'02
	-564 Sep 03 j 17:27	0°♎	
retrograde	-564 Sep 14 j 14:02	5°♎45'08	
evening set	-564 Sep 20 j 13:31	3°♎14'31	
	-564 Sep 23 j 15:53	30°℞♍	
min. Earth dist.	-564 Sep 24 j 23:09	28°♍22'36	0.66898 AU
inferior conj	-564 Sep 26 j 02:34	26°♍54'24	-1°-12'-9
minimum elong	-564 Sep 26 j 04:23	26°♍48'35	1°11'25
asc. node	-564 Sep 29 j 15:08	22°♍44'16	
morning rise	-564 Oct 01 j 19:54	20°♍55'23	
direct	-564 Oct 05 j 02:48	19°♍52'52	
morning max el	-564 Oct 12 j 06:44	23°♍56'40	19°22'09
	-564 Oct 17 j 08:14	0°♎	
greatest brilliancy	-564 Oct 21 j 21:48	6°♎26'40	-0.7m
morning set	-564 Nov 05 j 00:16	28°♎01'46	
	-564 Nov 06 j 06:39	0°♏	
desc. node	-564 Nov 08 j 16:12	3°♏44'16	
max. Earth dist.	-564 Nov 18 j 15:14	19°♏21'46	1.44580 AU
superior conj	-564 Nov 21 j 19:54	24°♏25'55	-1°-19'-15
minimum elong	-564 Nov 21 j 11:46	23°♏53'32	1°18'24
	-564 Nov 25 j 07:25	0°♐	
evening rise	-564 Dec 06 j 07:27	18°♐00'03	
	-564 Dec 13 j 12:55	0°♑	
evening max el	-564 Dec 25 j 15:06	17°♑21'25	18°27'17
asc. node	-564 Dec 26 j 14:25	18°♑17'26	
retrograde	-563 Jan 01 j 04:28	20°♑57'31	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-563 Jan 04 j 03:24	20°♉09'31	
inferior conj	-563 Jan 10 j 03:04	14°♉37'03	3°39'54
minimum elong	-563 Jan 10 j 01:03	14°♉42'53	3°39'38
min. Earth dist.	-563 Jan 12 j 06:30	12°♉08'23	0.64285 AU
morning rise	-563 Jan 15 j 21:19	8°♉31'31	
direct	-563 Jan 22 j 18:29	5°♉41'12	
desc. node	-563 Feb 04 j 15:22	12°♉49'43	
morning max el	-563 Feb 05 j 07:23	13°♉29'06	27°25'23
	-563 Feb 18 j 16:04	0°♒	
	-563 Mar 08 j 19:31	0°♓	
morning set	-563 Mar 12 j 09:57	6°♓54'49	
max. Earth dist.	-563 Mar 17 j 08:23	16°♓53'16	1.33561 AU
superior conj	-563 Mar 20 j 10:21	23°♓21'37	0°-42'-27
minimum elong	-563 Mar 20 j 12:23	23°♓32'20	0°42'04
	-563 Mar 23 j 13:02	0°♈	
asc. node	-563 Mar 24 j 13:46	2°♈12'18	
evening rise	-563 Mar 27 j 16:52	8°♈50'36	
	-563 Apr 07 j 21:27	0°♉	
evening max el	-563 Apr 18 j 04:39	13°♉21'58	22°23'12
retrograde	-563 May 01 j 03:39	19°♉44'09	
desc. node	-563 May 03 j 14:34	19°♉30'50	
evening set	-563 May 04 j 02:55	19°♉24'46	
min. Earth dist.	-563 May 12 j 12:09	15°♉47'42	0.55254 AU
inferior conj	-563 May 13 j 11:06	15°♉15'13	-2°-40'-58
minimum elong	-563 May 13 j 04:26	15°♉24'40	2°38'58
morning rise	-563 May 22 j 08:00	11°♉21'00	
direct	-563 May 25 j 04:01	11°♉02'40	
morning max el	-563 Jun 05 j 16:58	16°♉25'59	21°09'05
	-563 Jun 16 j 01:58	0°♊	
asc. node	-563 Jun 20 j 13:02	7°♊58'38	
morning set	-563 Jun 25 j 11:01	17°♊46'17	
	-563 Jul 01 j 07:46	0°♋	
superior conj	-563 Jul 02 j 22:40	3°♋21'46	1°39'26
minimum elong	-563 Jul 02 j 20:44	3°♋11'44	1°39'17
max. Earth dist.	-563 Jul 07 j 03:15	11°♋52'05	1.35433 AU
evening rise	-563 Jul 11 j 11:27	20°♋17'27	
	-563 Jul 16 j 19:04	0°♌	
desc. node	-563 Jul 30 j 13:56	22°♌08'26	
	-563 Aug 05 j 05:59	0°♍	
evening max el	-563 Aug 15 j 21:53	12°♍21'06	26°34'31
retrograde	-563 Aug 28 j 19:14	19°♍34'45	
evening set	-563 Sep 04 j 08:34	16°♍52'53	
min. Earth dist.	-563 Sep 08 j 10:30	12°♍38'36	0.66034 AU
inferior conj	-563 Sep 10 j 01:49	10°♍40'15	-2°-7'-31
minimum elong	-563 Sep 10 j 04:59	10°♍30'39	2°06'19
morning rise	-563 Sep 16 j 02:31	4°♍52'44	
asc. node	-563 Sep 16 j 12:11	4°♍40'25	
direct	-563 Sep 19 j 00:41	4°♍04'33	
morning max el	-563 Sep 25 j 17:23	7°♍46'41	18°35'37
	-563 Oct 11 j 05:35	0°♎	
morning set	-563 Oct 16 j 00:43	7°♎41'10	
desc. node	-563 Oct 26 j 13:14	24°♎25'41	
	-563 Oct 30 j 02:03	0°♏	
superior conj	-563 Oct 31 j 20:57	2°♏48'47	0°-34'-17
minimum elong	-563 Oct 31 j 16:28	2°♏31'06	0°33'43
max. Earth dist.	-563 Nov 01 j 09:26	3°♏37'52	1.45012 AU
evening rise	-563 Nov 16 j 22:53	28°♏11'05	
	-563 Nov 18 j 02:17	0°♐	
	-563 Dec 08 j 07:32	0°♑	
evening max el	-563 Dec 09 j 01:20	0°♑47'28	19°02'36
asc. node	-563 Dec 13 j 11:26	4°♑09'28	
retrograde	-563 Dec 15 j 23:13	4°♑43'34	
evening set	-563 Dec 19 j 04:12	3°♑43'58	
	-563 Dec 23 j 04:29	30°℞♐	

inferior conj	-563 Dec 24 j 21:27	27°♐54'30	3°14'14
minimum elong	-563 Dec 24 j 18:43	28°♐03'06	3°13'36
min. Earth dist.	-563 Dec 26 j 09:46	26°♐00'37	0.65676 AU
morning rise	-563 Dec 30 j 08:19	21°♐43'26	
direct	-562 Jan 05 j 19:50	18°♐54'42	
morning max el	-562 Jan 18 j 16:57	26°♐28'09	26°33'48
	-562 Jan 22 j 00:05	0°♑	
desc. node	-562 Jan 22 j 12:25	0°♑35'12	
	-562 Feb 12 j 06:03	0°♒	
morning set	-562 Feb 23 j 16:41	20°♒11'58	
max. Earth dist.	-562 Feb 27 j 22:39	28°♒25'43	1.34799 AU
	-562 Feb 28 j 17:36	0°♓	
superior conj	-562 Mar 04 j 10:04	7°♓29'17	-1°-8'-18
minimum elong	-562 Mar 04 j 13:12	7°♓45'27	1°07'48
asc. node	-562 Mar 11 j 10:47	22°♓08'26	
evening rise	-562 Mar 12 j 01:44	23°♓25'52	
	-562 Mar 15 j 07:28	0°♈	
evening max el	-562 Mar 31 j 04:59	24°♈18'49	20°55'47
retrograde	-562 Apr 11 j 16:42	29°♈51'44	
evening set	-562 Apr 13 j 23:05	29°♈39'37	
desc. node	-562 Apr 20 j 11:35	27°♈12'42	
inferior conj	-562 Apr 23 j 05:19	25°♈41'47	0°-46'-55
minimum elong	-562 Apr 23 j 03:05	25°♈44'57	0°46'07
min. Earth dist.	-562 Apr 24 j 01:12	25°♈13'34	0.55051 AU
morning rise	-562 May 02 j 06:19	21°♈35'30	
direct	-562 May 05 j 14:36	21°♈11'19	
morning max el	-562 May 18 j 15:00	27°♈26'42	22°43'50
	-562 May 21 j 03:12	0°♉	
asc. node	-562 Jun 07 j 10:05	27°♉34'09	
	-562 Jun 08 j 14:42	0°♊	
morning set	-562 Jun 09 j 21:42	2°♊40'42	
superior conj	-562 Jun 17 j 02:37	18°♊00'13	1°26'32
minimum elong	-562 Jun 17 j 00:09	17°♊47'05	1°26'15
max. Earth dist.	-562 Jun 19 j 22:53	23°♊59'23	1.34096 AU
	-562 Jun 22 j 21:14	0°♋	
evening rise	-562 Jun 24 j 22:27	4°♋05'04	
	-562 Jul 09 j 13:27	0°♌	
desc. node	-562 Jul 17 j 10:56	11°♌39'20	
evening max el	-562 Jul 29 j 09:39	25°♌45'58	27°13'44
	-562 Aug 03 j 12:09	0°♍	
retrograde	-562 Aug 11 j 18:55	3°♍05'17	
evening set	-562 Aug 18 j 19:00	0°♍20'18	
	-562 Aug 19 j 05:03	30°℞♌	
min. Earth dist.	-562 Aug 22 j 13:58	26°♌43'27	0.64801 AU
inferior conj	-562 Aug 24 j 18:20	24°♌18'49	-3°00'-26
minimum elong	-562 Aug 24 j 22:36	24°♌07'01	2°59'05
morning rise	-562 Aug 31 j 03:51	18°♌46'18	
direct	-562 Sep 02 j 19:40	18°♌08'57	
asc. node	-562 Sep 03 j 09:15	18°♌10'39	
morning max el	-562 Sep 09 j 07:55	21°♌38'18	18°05'52
	-562 Sep 15 j 18:41	0°♍	
morning set	-562 Sep 27 j 05:41	18°♍44'15	
	-562 Oct 04 j 00:29	0°♎	
superior conj	-562 Oct 11 j 03:29	11°♎32'56	0°14'58
minimum elong	-562 Oct 11 j 05:17	11°♎40'09	0°14'43
behind sun begin	-562 Oct 11 j 00:43	11°♎21'53	
behind sun end	-562 Oct 11 j 09:51	11°♎58'25	
desc. node	-562 Oct 13 j 10:17	15°♎11'27	
max. Earth dist.	-562 Oct 15 j 04:20	17°♎58'08	1.44698 AU
	-562 Oct 22 j 20:28	0°♏	
evening rise	-562 Oct 27 j 16:26	7°♏29'56	
	-562 Nov 11 j 10:57	0°♐	
greatest brilliancy	-562 Nov 14 j 22:50	5°♐02'20	-0.6m
evening max el	-562 Nov 22 j 07:22	14°♐15'27	19°53'59

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-562 Nov 29 j 20:32	18°♐40'14	
asc. node	-562 Nov 30 j 08:29	18°♐38'49	
evening set	-562 Dec 03 j 09:21	17°♐27'12	
inferior conj	-562 Dec 08 j 22:15	11°♐23'51	2°38'39
minimum elong	-562 Dec 08 j 19:27	11°♐33'09	2°37'47
min. Earth dist.	-562 Dec 09 j 20:56	10°♐08'34	0.66675 AU
morning rise	-562 Dec 14 j 04:57	5°♐09'16	
direct	-562 Dec 20 j 02:49	2°♐33'11	
morning max el	-561 Jan 01 j 01:57	9°♐39'38	25°20'25
desc. node	-561 Jan 09 j 09:28	19°♐18'18	
	-561 Jan 17 j 04:48	0°♑	
	-561 Feb 04 j 20:11	0°♒	
morning set	-561 Feb 06 j 07:07	2°♒36'23	
max. Earth dist.	-561 Feb 10 j 01:40	9°♒33'11	1.36477 AU
superior conj	-561 Feb 16 j 01:01	21°♒06'08	-1°-31'-38
minimum elong	-561 Feb 16 j 04:46	21°♒24'44	1°31'11
	-561 Feb 20 j 11:10	0°♓	
evening rise	-561 Feb 24 j 06:12	7°♓42'02	
asc. node	-561 Feb 26 j 07:49	11°♓50'27	
	-561 Mar 08 j 17:46	0°♈	
evening max el	-561 Mar 13 j 16:22	5°♈51'47	19°44'16
retrograde	-561 Mar 23 j 11:04	10°♈33'00	
evening set	-561 Mar 25 j 14:28	10°♈20'30	
inferior conj	-561 Apr 03 j 06:37	6°♈17'45	1°08'19
minimum elong	-561 Apr 03 j 09:27	6°♈13'20	1°07'23
min. Earth dist.	-561 Apr 05 j 15:25	4°♈49'16	0.55796 AU
desc. node	-561 Apr 07 j 08:36	3°♈48'40	
morning rise	-561 Apr 12 j 01:06	1°♈42'32	
direct	-561 Apr 16 j 07:43	1°♈01'51	
morning max el	-561 Apr 30 j 06:47	8°♈01'10	24°24'40
	-561 May 16 j 07:56	0°♉	
morning set	-561 May 25 j 09:40	17°♉39'42	
asc. node	-561 May 25 j 07:08	17°♉26'25	
	-561 May 31 j 03:22	0°♊	
superior conj	-561 Jun 01 j 11:08	2°♊52'21	1°09'11
minimum elong	-561 Jun 01 j 08:42	2°♊39'09	1°08'47
max. Earth dist.	-561 Jun 03 j 03:13	6°♊28'40	1.33143 AU
evening rise	-561 Jun 08 j 19:42	18°♊23'26	
	-561 Jun 14 j 19:04	0°♋	
	-561 Jul 03 j 22:46	0°♌	
desc. node	-561 Jul 04 j 07:57	0°♌28'56	
evening max el	-561 Jul 11 j 19:37	8°♌47'44	27°25'09
retrograde	-561 Jul 25 j 12:44	16°♌07'41	
evening set	-561 Aug 01 j 17:33	13°♌31'24	
min. Earth dist.	-561 Aug 05 j 07:50	10°♌27'09	0.63200 AU
inferior conj	-561 Aug 08 j 01:28	7°♌44'09	-3°-47'-40
minimum elong	-561 Aug 08 j 06:06	7°♌32'37	3°46'34
morning rise	-561 Aug 14 j 20:55	2°♌29'54	
direct	-561 Aug 17 j 08:50	2°♌00'18	
asc. node	-561 Aug 21 j 06:21	3°♌13'24	
morning max el	-561 Aug 23 j 23:36	5°♌25'26	17°53'47
	-561 Sep 08 j 22:03	0°♍	
morning set	-561 Sep 09 j 11:03	0°♍57'07	
superior conj	-561 Sep 21 j 09:08	21°♍27'02	0°56'48
minimum elong	-561 Sep 21 j 14:07	21°♍47'45	0°56'11
	-561 Sep 26 j 14:02	0°♎	
max. Earth dist.	-561 Sep 27 j 20:14	2°♎01'54	1.43695 AU
desc. node	-561 Sep 30 j 07:18	5°♎58'07	
evening rise	-561 Oct 06 j 22:59	16°♎24'01	
	-561 Oct 15 j 21:26	0°♏	
greatest brilliancy	-561 Oct 30 j 20:02	21°♏16'05	-0.5m
evening max el	-561 Nov 05 j 07:47	27°♏43'10	20°59'03
	-561 Nov 07 j 18:35	0°♐	
retrograde	-561 Nov 13 j 18:05	2°♐43'11	

asc. node	-561 Nov 17 j 05:33	1°♐34'36	
evening set	-561 Nov 17 j 16:44	1°♐14'46	
	-561 Nov 19 j 02:39	30°♑♏	
inferior conj	-561 Nov 23 j 03:03	25°♏00'58	1°55'39
minimum elong	-561 Nov 23 j 00:42	25°♏09'01	1°54'47
min. Earth dist.	-561 Nov 23 j 13:43	24°♏24'22	0.67309 AU
morning rise	-561 Nov 28 j 08:17	18°♏45'08	
direct	-561 Dec 03 j 14:59	16°♏28'19	
morning max el	-561 Dec 14 j 10:34	22°♏55'27	23°55'04
	-561 Dec 20 j 16:02	0°♐	
desc. node	-561 Dec 27 j 06:31	8°♐41'36	
	-560 Jan 10 j 13:46	0°♑	
morning set	-560 Jan 18 j 23:08	13°♑50'48	
max. Earth dist.	-560 Jan 22 j 21:13	20°♑41'17	1.38485 AU
	-560 Jan 28 j 00:02	0°♒	
superior conj	-560 Jan 30 j 03:29	4°♒01'37	-1°-50'-4
minimum elong	-560 Jan 30 j 06:48	4°♒17'23	1°49'50
evening rise	-560 Feb 08 j 03:39	21°♒31'25	
	-560 Feb 12 j 13:20	0°♓	
asc. node	-560 Feb 13 j 04:52	1°♓12'17	
evening max el	-560 Feb 24 j 14:16	18°♓02'09	18°52'10
retrograde	-560 Mar 03 j 20:56	22°♓02'10	
evening set	-560 Mar 06 j 03:59	21°♓44'58	
inferior conj	-560 Mar 14 j 01:51	17°♓26'22	2°36'34
minimum elong	-560 Mar 14 j 06:18	17°♓18'18	2°35'25
min. Earth dist.	-560 Mar 17 j 07:51	15°♓06'17	0.57320 AU
morning rise	-560 Mar 22 j 04:25	12°♓18'34	
desc. node	-560 Mar 24 j 05:39	11°♓35'16	
direct	-560 Mar 27 j 14:32	11°♓07'31	
morning max el	-560 Apr 10 j 22:07	18°♓35'17	25°57'15
	-560 Apr 20 j 11:22	0°♈	
	-560 May 07 j 15:01	0°♉	
morning set	-560 May 08 j 21:17	2°♉37'42	
asc. node	-560 May 11 j 04:12	7°♉30'00	
superior conj	-560 May 15 j 22:12	17°♉51'20	0°48'19
minimum elong	-560 May 15 j 20:15	17°♉40'42	0°47'57
max. Earth dist.	-560 May 16 j 13:33	19°♉15'20	1.32568 AU
	-560 May 21 j 13:06	0°♊	
evening rise	-560 May 23 j 00:02	3°♊02'44	
	-560 Jun 06 j 15:16	0°♋	
desc. node	-560 Jun 20 j 04:57	18°♋20'01	
evening max el	-560 Jun 23 j 01:31	21°♋14'45	27°04'24
retrograde	-560 Jul 06 j 23:51	28°♋32'37	
evening set	-560 Jul 14 j 00:06	26°♋19'20	
min. Earth dist.	-560 Jul 17 j 15:36	23°♋36'27	0.61293 AU
inferior conj	-560 Jul 20 j 20:01	20°♋48'55	-4°-24'-2
minimum elong	-560 Jul 20 j 23:39	20°♋40'54	4°23'32
morning rise	-560 Jul 28 j 02:08	15°♋55'41	
direct	-560 Jul 30 j 12:37	15°♋31'18	
morning max el	-560 Aug 06 j 13:28	19°♋01'03	18°00'18
asc. node	-560 Aug 07 j 03:25	19°♋36'09	
	-560 Aug 14 j 13:57	0°♌	
morning set	-560 Aug 22 j 10:55	14°♌03'31	
	-560 Aug 31 j 05:25	0°♍	
superior conj	-560 Sep 01 j 18:18	2°♍42'43	1°25'49
minimum elong	-560 Sep 01 j 22:46	3°♍02'18	1°25'24
max. Earth dist.	-560 Sep 09 j 06:59	15°♍33'32	1.42139 AU
evening rise	-560 Sep 15 j 12:51	25°♍41'34	
desc. node	-560 Sep 16 j 04:20	26°♍42'54	
	-560 Sep 18 j 06:30	0°♎	
	-560 Oct 08 j 19:07	0°♏	
greatest brilliancy	-560 Oct 13 j 09:02	5°♏52'20	-0.3m
evening max el	-560 Oct 18 j 02:31	11°♏12'07	22°14'06
retrograde	-560 Oct 27 j 13:58	16°♏50'16	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-560 Nov 01 j 00:34	15°♏04'35	
asc. node	-560 Nov 03 j 02:37	13°♏01'53	
inferior conj	-560 Nov 06 j 09:51	8°♏44'07	1°07'11
minimum elong	-560 Nov 06 j 08:21	8°♏49'19	1°06'34
min. Earth dist.	-560 Nov 06 j 09:41	8°♏44'40	0.67610 AU
morning rise	-560 Nov 11 j 15:57	2°♏29'28	
direct	-560 Nov 16 j 07:29	0°♏34'52	
morning max el	-560 Nov 25 j 21:25	6°♏15'35	22°27'34
greatest brilliancy	-560 Nov 30 j 12:42	11°♏27'45	-0.3m
desc. node	-560 Dec 13 j 03:34	28°♏33'53	
	-560 Dec 14 j 03:10	0°♐	
morning set	-560 Dec 29 j 10:57	23°♐41'29	
	-559 Jan 02 j 06:37	0°♑	
max. Earth dist.	-559 Jan 03 j 17:23	2°♑26'23	1.40603 AU
superior conj	-559 Jan 11 j 12:47	16°♑04'15	-2°00'-13
minimum elong	-559 Jan 11 j 13:58	16°♑09'34	2°00'13
	-559 Jan 19 j 02:08	0°♒	
evening rise	-559 Jan 21 j 15:03	4°♒46'37	
asc. node	-559 Jan 30 j 01:54	20°♒07'09	
	-559 Feb 06 j 03:08	0°♓	
evening max el	-559 Feb 06 j 20:06	0°♓43'06	18°20'08
retrograde	-559 Feb 14 j 01:31	4°♓17'58	
evening set	-559 Feb 16 j 13:17	3°♓53'33	
	-559 Feb 22 j 20:05	30°℞♒	
inferior conj	-559 Feb 23 j 18:06	29°♒14'01	3°29'05
minimum elong	-559 Feb 23 j 21:09	29°♒07'34	3°28'37
min. Earth dist.	-559 Feb 27 j 04:13	26°♒22'08	0.59303 AU
morning rise	-559 Mar 03 j 01:26	23°♒40'56	
direct	-559 Mar 09 j 10:31	21°♒52'01	
desc. node	-559 Mar 11 j 02:42	21°♒59'21	
morning max el	-559 Mar 23 j 17:47	29°♒34'17	27°06'42
	-559 Mar 24 j 04:11	0°♓	
	-559 Apr 14 j 07:17	0°♈	
morning set	-559 Apr 23 j 06:48	17°♈28'08	
asc. node	-559 Apr 28 j 01:14	27°♈39'43	
	-559 Apr 29 j 02:54	0°♉	
superior conj	-559 Apr 30 j 09:58	2°♉50'18	0°24'47
minimum elong	-559 Apr 30 j 08:52	2°♉44'20	0°24'34
max. Earth dist.	-559 Apr 30 j 02:22	2°♉08'37	1.32363 AU
evening rise	-559 May 07 j 08:52	17°♉53'52	
	-559 May 13 j 09:24	0°♊	
	-559 Jun 02 j 04:00	0°♋	
evening max el	-559 Jun 05 j 01:15	2°♋57'52	26°11'06
desc. node	-559 Jun 07 j 01:59	4°♋47'27	
retrograde	-559 Jun 19 j 02:23	10°♋11'38	
evening set	-559 Jun 25 j 09:59	8°♋33'32	
min. Earth dist.	-559 Jun 29 j 14:10	5°♋55'29	0.59241 AU
inferior conj	-559 Jul 02 j 22:18	3°♋22'49	-4°-41'-26
minimum elong	-559 Jul 02 j 22:59	3°♋21'30	4°41'25
	-559 Jul 07 j 21:40	30°℞♊	
morning rise	-559 Jul 10 j 15:30	28°♊52'08	
direct	-559 Jul 13 j 02:46	28°♊31'04	
	-559 Jul 18 j 00:48	0°♋	
morning max el	-559 Jul 20 j 22:22	2°♋15'43	18°26'36
asc. node	-559 Jul 25 j 00:28	7°♋02'36	
morning set	-559 Aug 06 j 00:01	27°♋48'39	
	-559 Aug 07 j 03:23	0°♌	
superior conj	-559 Aug 15 j 02:56	15°♌07'56	1°42'03
minimum elong	-559 Aug 15 j 05:19	15°♌18'55	1°41'55
max. Earth dist.	-559 Aug 22 j 12:38	28°♌23'37	1.40232 AU
	-559 Aug 23 j 11:00	0°♍	
evening rise	-559 Aug 26 j 23:59	5°♍58'55	
desc. node	-559 Sep 03 j 01:22	17°♍21'29	
	-559 Sep 11 j 10:15	0°♎	
evening max el	-559 Sep 30 j 16:47	24°♎43'24	23°34'08
	-559 Oct 07 j 12:13	0°♏	
retrograde	-559 Oct 11 j 06:48	0°♏58'14	
	-559 Oct 14 j 17:58	30°℞♎	
evening set	-559 Oct 16 j 07:09	28°♎54'11	
asc. node	-559 Oct 20 j 23:40	23°♎29'21	
inferior conj	-559 Oct 21 j 16:48	22°♎30'51	0°14'47
minimum elong	-559 Oct 21 j 16:26	22°♎32'04	0°14'37
transit middle	-559 Oct 21 j 16:26	22°♎32'04	0°14'37
transit begin	-559 Oct 21 j 15:14	22°♎36'10	
transit end	-559 Oct 21 j 17:38	22°♎27'58	
min. Earth dist.	-559 Oct 21 j 06:16	23°♎06'50	0.67588 AU
morning rise	-559 Oct 27 j 01:50	16°♎20'11	
direct	-559 Oct 31 j 03:18	14°♎47'43	
morning max el	-559 Nov 08 j 14:03	19°♎43'59	21°06'09
greatest brilliancy	-559 Nov 14 j 01:30	26°♎05'14	-0.5m
	-559 Nov 17 j 00:45	0°♏	
desc. node	-559 Nov 30 j 00:38	18°♏46'56	
	-559 Dec 07 j 08:28	0°♐	
morning set	-559 Dec 08 j 19:23	2°♐16'17	
max. Earth dist.	-559 Dec 16 j 20:41	15°♐08'57	1.42534 AU
superior conj	-559 Dec 23 j 23:28	27°♐01'07	-1°-57'-49
minimum elong	-559 Dec 23 j 20:31	26°♐48'29	1°57'45
	-559 Dec 25 j 17:14	0°♑	
evening rise	-558 Jan 04 j 12:41	17°♑20'06	
	-558 Jan 11 j 15:57	0°♒	
asc. node	-558 Jan 16 j 22:57	8°♒26'34	
evening max el	-558 Jan 21 j 06:46	13°♒45'41	18°07'52
retrograde	-558 Jan 27 j 22:27	17°♒11'10	
evening set	-558 Jan 30 j 14:20	16°♒38'18	
inferior conj	-558 Feb 06 j 05:18	11°♒36'52	3°50'32
minimum elong	-558 Feb 06 j 06:01	11°♒35'07	3°50'30
min. Earth dist.	-558 Feb 09 j 07:19	8°♒38'04	0.61391 AU
morning rise	-558 Feb 12 j 19:08	5°♒46'47	
direct	-558 Feb 19 j 16:47	3°♒24'07	
desc. node	-558 Feb 25 j 23:45	5°♒09'09	
morning max el	-558 Mar 05 j 19:47	11°♒13'13	27°42'42
	-558 Mar 20 j 13:42	0°♓	
	-558 Apr 06 j 11:54	0°♈	
morning set	-558 Apr 07 j 12:22	2°♈04'36	
max. Earth dist.	-558 Apr 13 j 13:56	14°♈55'29	1.32524 AU
superior conj	-558 Apr 14 j 20:48	17°♈43'25	0°00'-38
minimum elong	-558 Apr 14 j 20:49	17°♈43'34	0°00'39
behind sun begin	-558 Apr 14 j 15:45	17°♈15'53	
behind sun end	-558 Apr 15 j 01:54	18°♈11'16	
asc. node	-558 Apr 14 j 22:16	17°♈51'27	
	-558 Apr 20 j 12:16	0°♉	
evening rise	-558 Apr 21 j 20:07	2°♉49'32	
	-558 May 06 j 14:12	0°♊	
evening max el	-558 May 17 j 18:31	13°♊58'41	24°51'13
desc. node	-558 May 24 j 22:59	19°♊18'29	
retrograde	-558 May 31 j 18:01	21°♊04'01	
evening set	-558 Jun 05 j 20:49	20°♊04'26	
min. Earth dist.	-558 Jun 11 j 06:05	17°♊13'59	0.57299 AU
inferior conj	-558 Jun 14 j 05:09	15°♊16'42	-4°-28'-16
minimum elong	-558 Jun 14 j 01:20	15°♊23'03	4°27'51
morning rise	-558 Jun 22 j 09:42	11°♊07'25	
direct	-558 Jun 24 j 23:12	10°♊48'36	
morning max el	-558 Jul 03 j 23:24	15°♊00'33	19°13'38
asc. node	-558 Jul 11 j 21:31	25°♊18'51	
	-558 Jul 14 j 15:10	0°♋	
morning set	-558 Jul 20 j 22:30	12°♋02'22	
superior conj	-558 Jul 29 j 05:24	28°♋27'12	1°47'28
minimum elong	-558 Jul 29 j 05:38	28°♋28'21	1°47'28

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-558 Jul 30 j 00:36	0°♌		
max. Earth dist.	-558 Aug 04 j 15:42	10°♌34'11	1.38225 AU	
evening rise	-558 Aug 08 j 12:07	17°♌27'13		
	-558 Aug 15 j 23:06	0°♍		
desc. node	-558 Aug 20 j 22:22	7°♍49'30		
	-558 Sep 05 j 19:31	0°♎		
evening max el	-558 Sep 13 j 04:33	8°♎17'33	24°52'34	
retrograde	-558 Sep 24 j 19:36	15°♎03'14		
evening set	-558 Sep 30 j 10:46	12°♎41'21		
min. Earth dist.	-558 Oct 05 j 01:04	7°♎28'48	0.67246 AU	
inferior conj	-558 Oct 05 j 22:10	6°♎19'02	0°-40'-4	
minimum elong	-558 Oct 05 j 23:10	6°♎15'45	0°39'39	
asc. node	-558 Oct 07 j 20:43	3°♎49'25		
morning rise	-558 Oct 11 j 12:00	0°♎15'07		
	-558 Oct 11 j 21:21	30°℞♍		
direct	-558 Oct 15 j 01:04	29°♍02'40		
	-558 Oct 18 j 09:07	0°♎		
morning max el	-558 Oct 22 j 14:18	3°♎22'34	19°56'06	
greatest brilliancy	-558 Oct 30 j 01:27	12°♎34'51	-0.6m	
	-558 Nov 10 j 21:06	0°♏		
desc. node	-558 Nov 16 j 21:41	9°♏14'20		
morning set	-558 Nov 17 j 16:02	10°♏25'13		
max. Earth dist.	-558 Nov 29 j 07:45	28°♏41'40	1.44010 AU	
	-558 Nov 30 j 03:22	0°♐		
superior conj	-558 Dec 04 j 07:19	6°♐42'45	-1°-38'-38	
minimum elong	-558 Dec 03 j 23:59	6°♐12'58	1°38'02	
evening rise	-558 Dec 17 j 16:13	29°♐02'59		
	-558 Dec 18 j 05:33	0°♑		
asc. node	-557 Jan 03 j 19:59	25°♑59'13		
evening max el	-557 Jan 04 j 19:13	27°♑01'13	18°14'48	
	-557 Jan 08 j 21:15	0°♒		
retrograde	-557 Jan 11 j 07:05	0°♒30'28		
	-557 Jan 13 j 16:51	30°℞♑		
evening set	-557 Jan 14 j 03:09	29°♑48'20		
inferior conj	-557 Jan 20 j 07:33	24°♑26'21	3°48'46	
minimum elong	-557 Jan 20 j 06:18	24°♑29'45	3°48'41	
min. Earth dist.	-557 Jan 22 j 19:40	21°♑42'16	0.63315 AU	
morning rise	-557 Jan 26 j 07:44	18°♑25'08		
direct	-557 Feb 02 j 07:24	15°♑40'49		
desc. node	-557 Feb 12 j 20:48	20°♑32'46		
morning max el	-557 Feb 16 j 02:57	23°♑31'30	27°41'47	
	-557 Feb 21 j 22:35	0°♒		
	-557 Mar 13 j 20:07	0°♓		
morning set	-557 Mar 22 j 11:37	16°♓18'19		
max. Earth dist.	-557 Mar 27 j 20:08	27°♓20'52	1.33066 AU	
	-557 Mar 29 j 02:04	0°♈		
superior conj	-557 Mar 30 j 04:55	2°♈23'50	0°-27'-8	
minimum elong	-557 Mar 30 j 06:12	2°♈30'46	0°26'53	
asc. node	-557 Apr 01 j 19:17	8°♈00'18		
evening rise	-557 Apr 06 j 07:52	17°♈42'00		
	-557 Apr 12 j 10:31	0°♉		
evening max el	-557 Apr 29 j 09:06	24°♉34'46	23°17'23	
	-557 May 07 j 00:01	0°♊		
desc. node	-557 May 11 j 19:59	1°♊16'29		
retrograde	-557 May 12 j 21:29	1°♊19'02		
evening set	-557 May 16 j 13:48	0°♊49'19		
	-557 May 18 j 23:53	30°℞♉		
min. Earth dist.	-557 May 23 j 19:06	27°♉32'39	0.55791 AU	
inferior conj	-557 May 25 j 16:07	26°♉26'24	-3°-32'-57	
minimum elong	-557 May 25 j 09:07	26°♉36'44	3°31'16	
morning rise	-557 Jun 03 j 07:47	22°♉31'13		
direct	-557 Jun 06 j 00:24	22°♉13'37		
morning max el	-557 Jun 16 j 14:16	27°♉07'18	20°21'33	
	-557 Jun 19 j 08:31	0°♊		
asc. node	-557 Jun 28 j 18:33	14°♊13'04		
morning set	-557 Jul 05 j 03:25	26°♊36'56		
	-557 Jul 06 j 19:06	0°♋		
superior conj	-557 Jul 12 j 20:42	12°♋26'19	1°44'20	
minimum elong	-557 Jul 12 j 19:21	12°♋19'31	1°44'17	
max. Earth dist.	-557 Jul 17 j 21:23	22°♋23'23	1.36359 AU	
evening rise	-557 Jul 21 j 22:18	0°♌00'07		
	-557 Jul 21 j 22:17	0°♌		
desc. node	-557 Aug 07 j 19:22	28°♌01'35		
	-557 Aug 09 j 03:29	0°♍		
evening max el	-557 Aug 26 j 15:52	21°♍53'21	26°01'54	
retrograde	-557 Sep 08 j 03:52	29°♍00'31		
evening set	-557 Sep 14 j 09:35	26°♍23'59		
min. Earth dist.	-557 Sep 18 j 15:45	21°♍48'14	0.66569 AU	
inferior conj	-557 Sep 20 j 00:12	20°♍06'33	-1°-35'-48	
minimum elong	-557 Sep 20 j 02:36	19°♍59'00	1°34'50	
asc. node	-557 Sep 24 j 17:45	14°♍58'48		
morning rise	-557 Sep 25 j 20:30	14°♍12'21		
direct	-557 Sep 28 j 23:21	13°♍16'30		
morning max el	-557 Oct 05 j 21:45	17°♍09'57	19°00'29	
	-557 Oct 15 j 15:11	0°♎		
morning set	-557 Oct 28 j 01:30	19°♎18'51		
desc. node	-557 Nov 03 j 18:43	29°♎51'48		
	-557 Nov 03 j 20:48	0°♏		
max. Earth dist.	-557 Nov 12 j 00:00	12°♏46'34	1.44846 AU	
superior conj	-557 Nov 13 j 15:29	15°♏22'14	-1°-1'-32	
minimum elong	-557 Nov 13 j 08:09	14°♏53'19	1°00'41	
	-557 Nov 22 j 20:05	0°♐		
evening rise	-557 Nov 28 j 21:32	9°♐48'32		
	-557 Dec 11 j 10:46	0°♑		
evening max el	-557 Dec 19 j 06:55	10°♑24'35	18°40'09	
asc. node	-557 Dec 21 j 17:00	12°♑32'20		
retrograde	-557 Dec 25 j 23:11	14°♑08'28		
evening set	-557 Dec 29 j 00:24	13°♑15'51		
inferior conj	-556 Jan 03 j 21:03	7°♑35'42	3°30'27	
minimum elong	-556 Jan 03 j 18:39	7°♑42'57	3°30'02	
min. Earth dist.	-556 Jan 05 j 17:56	5°♑20'52	0.64921 AU	
morning rise	-556 Jan 09 j 11:42	1°♑27'13		
	-556 Jan 11 j 11:25	30°℞♐		
direct	-556 Jan 16 j 05:16	28°♐35'59		
	-556 Jan 21 j 09:40	0°♑		
morning max el	-556 Jan 29 j 12:34	6°♑19'55	27°06'41	
desc. node	-556 Jan 30 j 17:53	7°♑35'09		
	-556 Feb 16 j 17:55	0°♒		
morning set	-556 Mar 05 j 01:33	29°♒59'55		
	-556 Mar 05 j 01:34	0°♓		
max. Earth dist.	-556 Mar 09 j 17:00	9°♓13'26	1.34035 AU	
superior conj	-556 Mar 13 j 08:23	16°♓45'35	0°-53'-37	
minimum elong	-556 Mar 13 j 10:55	16°♓58'51	0°53'09	
asc. node	-556 Mar 18 j 16:19	28°♓02'20		
	-556 Mar 19 j 14:37	0°♈		
evening rise	-556 Mar 20 j 18:21	2°♈25'16		
	-556 Apr 05 j 12:00	0°♉		
evening max el	-556 Apr 10 j 04:13	5°♉16'58	21°44'20	
retrograde	-556 Apr 22 j 14:07	11°♉20'04		
evening set	-556 Apr 25 j 03:51	11°♉05'12		
desc. node	-556 Apr 27 j 17:01	10°♉23'22		
inferior conj	-556 May 04 j 13:03	7°♉02'21	-1°-54'-58	
minimum elong	-556 May 04 j 07:50	7°♉09'41	1°53'13	
min. Earth dist.	-556 May 04 j 08:09	7°♉09'14	0.55048 AU	
morning rise	-556 May 13 j 12:45	3°♉05'14		
direct	-556 May 16 j 12:31	2°♉45'31		
morning max el	-556 May 28 j 18:09	8°♉31'38	21°47'59	
	-556 Jun 12 j 18:35	0°♊		
asc. node	-556 Jun 14 j 15:36	3°♊35'43		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-556 Jun 18 j 12:32	11°♊25'40	
superior conj	-556 Jun 25 j 20:54	26°♊53'17	1°34'34
minimum elong	-556 Jun 25 j 18:39	26°♊41'32	1°34'22
	-556 Jun 27 j 08:47	0°♋	
max. Earth dist.	-556 Jun 29 j 11:06	4°♋17'55	1.34810 AU
evening rise	-556 Jul 04 j 01:38	13°♋24'35	
	-556 Jul 13 j 05:45	0°♌	
desc. node	-556 Jul 24 j 16:21	17°♌50'12	
	-556 Aug 03 j 01:35	0°♍	
evening max el	-556 Aug 08 j 03:36	5°♍24'49	26°54'19
retrograde	-556 Aug 21 j 06:59	12°♍42'44	
evening set	-556 Aug 28 j 01:20	9°♍58'10	
min. Earth dist.	-556 Sep 01 j 00:03	6°♍00'03	0.65544 AU
inferior conj	-556 Sep 02 j 20:52	3°♍49'34	-2°-30'-28
minimum elong	-556 Sep 03 j 00:34	3°♍38'48	2°29'10
	-556 Sep 06 j 10:46	30°℞♌	
morning rise	-556 Sep 09 j 01:10	28°♌08'06	
asc. node	-556 Sep 10 j 14:49	27°♌33'24	
direct	-556 Sep 11 j 20:12	27°♌25'06	
	-556 Sep 17 j 08:33	0°♍	
morning max el	-556 Sep 18 j 10:24	1°♍01'10	18°20'53
morning set	-556 Oct 07 j 14:07	29°♍33'42	
	-556 Oct 07 j 20:34	0°♎	
desc. node	-556 Oct 20 j 15:43	20°♎35'06	
superior conj	-556 Oct 22 j 16:03	23°♎46'12	0°-13'-8
minimum elong	-556 Oct 22 j 14:19	23°♎39'23	0°12'56
behind sun begin	-556 Oct 22 j 07:28	23°♎12'17	
behind sun end	-556 Oct 22 j 21:10	24°♎06'27	
max. Earth dist.	-556 Oct 24 j 18:17	27°♎04'12	1.44960 AU
	-556 Oct 26 j 15:01	0°♏	
evening rise	-556 Nov 08 j 02:53	19°♏34'31	
	-556 Nov 14 j 18:43	0°♐	
greatest brilliancy	-556 Nov 22 j 11:17	11°♐47'35	-0.7m
evening max el	-556 Dec 01 j 15:34	23°♐51'24	19°22'41
asc. node	-556 Dec 07 j 14:04	27°♐50'37	
retrograde	-556 Dec 08 j 19:20	27°♐58'57	
evening set	-556 Dec 12 j 03:20	26°♐54'04	
inferior conj	-556 Dec 17 j 18:31	20°♐58'31	3°00'12
minimum elong	-556 Dec 17 j 15:41	21°♐07'40	2°59'27
min. Earth dist.	-556 Dec 19 j 00:56	19°♐20'30	0.66145 AU
morning rise	-556 Dec 23 j 03:14	14°♐45'33	
direct	-556 Dec 29 j 09:20	12°♐00'45	
morning max el	-555 Jan 10 j 21:56	19°♐25'03	26°04'38
desc. node	-555 Jan 16 j 14:56	25°♐47'22	
	-555 Jan 19 j 23:10	0°♑	
	-555 Feb 08 j 19:27	0°♒	
morning set	-555 Feb 16 j 02:06	12°♒57'00	
max. Earth dist.	-555 Feb 20 j 01:58	20°♒31'36	1.35458 AU
	-555 Feb 24 j 20:36	0°♓	
superior conj	-555 Feb 25 j 04:48	0°♓41'38	-1°-18'-38
minimum elong	-555 Feb 25 j 08:17	0°♓59'19	1°18'07
evening rise	-555 Mar 05 j 01:38	16°♓53'19	
asc. node	-555 Mar 05 j 13:22	17°♓53'15	
	-555 Mar 11 j 18:39	0°♈	
evening max el	-555 Mar 23 j 09:21	16°♈29'35	20°23'12
retrograde	-555 Apr 03 j 03:42	21°♈39'27	
evening set	-555 Apr 05 j 07:22	21°♈27'56	
inferior conj	-555 Apr 14 j 08:44	17°♈30'18	0°03'48
minimum elong	-555 Apr 14 j 08:55	17°♈30'03	0°03'45
transit middle	-555 Apr 14 j 08:55	17°♈30'03	0°03'45
transit begin	-555 Apr 14 j 04:59	17°♈35'48	
transit end	-555 Apr 14 j 12:50	17°♈24'17	
desc. node	-555 Apr 14 j 14:04	17°♈22'29	
min. Earth dist.	-555 Apr 15 j 22:01	16°♈35'44	0.55258 AU
morning rise	-555 Apr 23 j 08:17	13°♈12'47	
direct	-555 Apr 27 j 01:03	12°♈43'00	
morning max el	-555 May 10 j 12:56	19°♈19'22	23°26'37
	-555 May 19 j 09:58	0°♉	
asc. node	-555 Jun 01 j 12:39	23°♉19'23	
morning set	-555 Jun 03 j 00:01	26°♉23'09	
	-555 Jun 04 j 17:01	0°♊	
superior conj	-555 Jun 10 j 03:08	11°♊39'05	1°19'40
minimum elong	-555 Jun 10 j 00:37	11°♊25'34	1°19'19
max. Earth dist.	-555 Jun 12 j 10:41	16°♊34'56	1.33646 AU
evening rise	-555 Jun 17 j 17:33	27°♊27'35	
	-555 Jun 19 j 00:23	0°♋	
	-555 Jul 06 j 11:54	0°♌	
desc. node	-555 Jul 11 j 13:22	7°♌05'29	
evening max el	-555 Jul 21 j 15:04	18°♌42'13	27°22'22
retrograde	-555 Aug 04 j 04:21	26°♌02'13	
evening set	-555 Aug 11 j 07:10	23°♌19'38	
min. Earth dist.	-555 Aug 14 j 23:49	19°♌57'13	0.64161 AU
inferior conj	-555 Aug 17 j 09:47	17°♌23'39	-3°-21'-27
minimum elong	-555 Aug 17 j 14:20	17°♌11'36	3°20'09
morning rise	-555 Aug 23 j 23:23	11°♌58'12	
direct	-555 Aug 26 j 13:13	11°♌24'30	
asc. node	-555 Aug 28 j 11:53	11°♌43'54	
morning max el	-555 Sep 02 j 01:43	14°♌51'18	17°58'26
	-555 Sep 12 j 16:48	0°♍	
morning set	-555 Sep 19 j 06:11	11°♍08'23	
	-555 Sep 30 j 11:55	0°♎	
superior conj	-555 Oct 02 j 06:57	2°♎55'35	0°34'06
minimum elong	-555 Oct 02 j 10:38	3°♎10'34	0°33'37
max. Earth dist.	-555 Oct 07 j 11:59	11°♎18'16	1.44353 AU
desc. node	-555 Oct 07 j 12:44	11°♎21'15	
evening rise	-555 Oct 18 j 13:44	28°♎37'11	
	-555 Oct 19 j 11:15	0°♏	
greatest brilliancy	-555 Nov 08 j 09:38	29°♏31'52	-0.6m
	-555 Nov 08 j 18:00	0°♐	
evening max el	-555 Nov 14 j 19:24	7°♐19'16	20°20'19
retrograde	-555 Nov 22 j 16:51	11°♐58'02	
asc. node	-555 Nov 24 j 11:08	11°♐40'18	
evening set	-555 Nov 26 j 09:38	10°♐38'43	
inferior conj	-555 Dec 01 j 21:16	4°♐30'46	2°21'11
minimum elong	-555 Dec 01 j 18:36	4°♐39'46	2°20'17
min. Earth dist.	-555 Dec 02 j 14:43	3°♐31'55	0.66990 AU
	-555 Dec 05 j 09:55	30°℞♏	
morning rise	-555 Dec 07 j 03:02	28°♏15'33	
direct	-555 Dec 12 j 18:41	25°♏46'50	
	-555 Dec 21 j 11:01	0°♐	
morning max el	-555 Dec 24 j 06:18	2°♐37'23	24°44'57
desc. node	-554 Jan 03 j 11:59	14°♐48'47	
	-554 Jan 14 j 03:14	0°♑	
morning set	-554 Jan 29 j 07:47	24°♑53'18	
	-554 Feb 01 j 04:13	0°♒	
max. Earth dist.	-554 Feb 02 j 00:49	1°♒33'58	1.37298 AU
superior conj	-554 Feb 08 j 15:00	14°♒02'22	-1°-40'-14
minimum elong	-554 Feb 08 j 18:44	14°♒20'34	1°39'51
	-554 Feb 16 j 15:40	0°♓	
evening rise	-554 Feb 17 j 03:27	0°♓58'50	
asc. node	-554 Feb 20 j 10:26	7°♓27'25	
evening max el	-554 Mar 06 j 01:33	28°♓19'20	19°19'43
	-554 Mar 08 j 00:24	0°♈	
retrograde	-554 Mar 15 j 03:29	2°♈40'51	
evening set	-554 Mar 17 j 08:19	2°♈26'36	
	-554 Mar 23 j 00:54	30°℞♓	
inferior conj	-554 Mar 25 j 16:48	28°♓18'07	1°49'59
minimum elong	-554 Mar 25 j 20:48	28°♓11'29	1°48'44

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

min. Earth dist.	-554 Mar 28 j 12:50	26°♓26'07	0.56369 AU
desc. node	-554 Apr 01 j 11:08	24°♓12'53	
morning rise	-554 Apr 03 j 05:25	23°♓29'05	
direct	-554 Apr 07 j 23:56	22°♓36'57	
morning max el	-554 Apr 22 j 03:36	29°♓49'37	25°05'52
	-554 Apr 22 j 07:55	0°♈	
	-554 May 12 j 20:37	0°♉	
morning set	-554 May 18 j 12:04	11°♉22'32	
asc. node	-554 May 19 j 09:43	13°♉17'02	
superior conj	-554 May 25 j 12:59	26°♉34'52	1°00'43
minimum elong	-554 May 25 j 10:42	26°♉22'27	1°00'19
max. Earth dist.	-554 May 26 j 18:12	29°♉13'46	1.32863 AU
	-554 May 27 j 02:44	0°♊	
evening rise	-554 Jun 01 j 18:13	11°♊56'17	
	-554 Jun 11 j 05:19	0°♋	
desc. node	-554 Jun 28 j 10:24	25°♋32'37	
	-554 Jul 02 j 10:54	0°♌	
evening max el	-554 Jul 03 j 23:52	1°♌31'16	27°20'20
retrograde	-554 Jul 17 j 19:10	8°♌49'28	
evening set	-554 Jul 24 j 23:25	6°♌21'31	
min. Earth dist.	-554 Jul 28 j 13:24	3°♌27'57	0.62428 AU
inferior conj	-554 Jul 31 j 12:00	0°♌41'21	-4°-4'-49
minimum elong	-554 Jul 31 j 16:25	0°♌30'53	4°03'57
	-554 Aug 01 j 05:34	30°℞♋	
morning rise	-554 Aug 07 j 11:54	25°♋35'27	
direct	-554 Aug 09 j 23:02	25°♋08'12	
asc. node	-554 Aug 15 j 08:57	27°♋22'13	
morning max el	-554 Aug 16 j 16:56	28°♋33'57	17°54'10
	-554 Aug 18 j 01:18	0°♌	
morning set	-554 Sep 01 j 20:10	23°♌46'06	
	-554 Sep 05 j 07:49	0°♍	
superior conj	-554 Sep 13 j 00:25	13°♍24'24	1°10'46
minimum elong	-554 Sep 13 j 05:31	13°♍46'04	1°10'12
max. Earth dist.	-554 Sep 20 j 02:28	25°♍12'05	1.43096 AU
	-554 Sep 23 j 01:50	0°♎	
desc. node	-554 Sep 24 j 09:46	2°♎07'17	
evening rise	-554 Sep 27 j 21:12	7°♎35'38	
	-554 Oct 12 j 18:19	0°♏	
greatest brilliancy	-554 Oct 23 j 17:21	15°♏02'04	-0.4m
evening max el	-554 Oct 28 j 17:25	20°♏47'32	21°30'05
retrograde	-554 Nov 06 j 13:49	26°♏03'08	
evening set	-554 Nov 10 j 17:25	24°♏27'21	
asc. node	-554 Nov 11 j 08:11	23°♏56'34	
inferior conj	-554 Nov 16 j 03:07	18°♏10'19	1°35'39
minimum elong	-554 Nov 16 j 01:05	18°♏17'19	1°34'51
min. Earth dist.	-554 Nov 16 j 09:01	17°♏49'58	0.67476 AU
morning rise	-554 Nov 21 j 08:28	11°♏54'58	
direct	-554 Nov 26 j 08:40	9°♏47'34	
morning max el	-554 Dec 06 j 15:28	15°♏54'39	23°17'42
greatest brilliancy	-554 Dec 11 j 20:32	21°♏46'03	-0.2m
	-554 Dec 18 j 04:43	0°♐	
desc. node	-554 Dec 21 j 09:02	4°♐25'24	
	-553 Jan 07 j 03:46	0°♑	
morning set	-553 Jan 10 j 12:20	5°♑32'53	
max. Earth dist.	-553 Jan 14 j 20:13	12°♑56'22	1.39388 AU
superior conj	-553 Jan 22 j 10:49	26°♑37'02	-1°-55'-37
minimum elong	-553 Jan 22 j 13:29	26°♑49'24	1°55'30
	-553 Jan 24 j 06:17	0°♒	
evening rise	-553 Jan 31 j 21:05	14°♒34'53	
asc. node	-553 Feb 07 j 07:30	26°♒38'50	
	-553 Feb 09 j 05:57	0°♓	
evening max el	-553 Feb 17 j 03:09	10°♓43'25	18°36'04
retrograde	-553 Feb 24 j 21:39	14°♓31'00	
evening set	-553 Feb 27 j 06:46	14°♓10'54	

inferior conj	-553 Mar 06 j 20:59	9°♓43'18	3°03'04
minimum elong	-553 Mar 07 j 01:05	9°♓35'21	3°02'11
min. Earth dist.	-553 Mar 10 j 06:23	7°♓07'09	0.58127 AU
morning rise	-553 Mar 14 j 15:28	4°♓23'43	
desc. node	-553 Mar 19 j 08:11	3°♓00'41	
direct	-553 Mar 20 j 12:12	2°♓57'14	
morning max el	-553 Apr 03 j 20:26	10°♓31'47	26°30'23
	-553 Apr 18 j 19:22	0°♈	
morning set	-553 May 02 j 23:02	26°♈18'08	
	-553 May 04 j 16:56	0°♉	
asc. node	-553 May 06 j 06:46	3°♉23'39	
superior conj	-553 May 10 j 00:32	11°♉34'17	0°38'39
minimum elong	-553 May 09 j 22:55	11°♉25'25	0°38'18
max. Earth dist.	-553 May 10 j 06:14	12°♉05'30	1.32445 AU
evening rise	-553 May 17 j 00:44	26°♉41'18	
	-553 May 18 j 15:12	0°♊	
	-553 Jun 04 j 19:24	0°♋	
desc. node	-553 Jun 15 j 07:26	12°♋51'23	
evening max el	-553 Jun 16 j 03:13	13°♋39'30	26°45'18
retrograde	-553 Jun 30 j 02:37	20°♋55'34	
evening set	-553 Jul 06 j 21:40	18°♋55'49	
min. Earth dist.	-553 Jul 10 j 16:43	16°♋17'30	0.60435 AU
inferior conj	-553 Jul 14 j 00:02	13°♋33'42	-4°-34'-20
minimum elong	-553 Jul 14 j 02:41	13°♋28'13	4°34'06
morning rise	-553 Jul 21 j 10:53	8°♋50'11	
direct	-553 Jul 23 j 21:35	8°♋27'19	
morning max el	-553 Jul 31 j 05:03	12°♋01'32	18°09'01
asc. node	-553 Aug 02 j 05:59	14°♋13'35	
	-553 Aug 12 j 05:32	0°♌	
morning set	-553 Aug 16 j 02:10	7°♌10'06	
superior conj	-553 Aug 25 j 20:16	25°♌11'37	1°34'11
minimum elong	-553 Aug 25 j 23:55	25°♌28'00	1°33'54
	-553 Aug 28 j 13:14	0°♍	
max. Earth dist.	-553 Sep 02 j 11:11	8°♍27'29	1.41356 AU
evening rise	-553 Sep 07 j 18:56	17°♍14'53	
desc. node	-553 Sep 11 j 06:47	22°♍49'34	
	-553 Sep 15 j 21:49	0°♎	
greatest brilliancy	-553 Oct 06 j 09:48	28°♎39'57	-0.3m
	-553 Oct 07 j 12:35	0°♏	
evening max el	-553 Oct 11 j 09:51	4°♏16'16	22°47'53
retrograde	-553 Oct 21 j 08:34	10°♏10'47	
evening set	-553 Oct 26 j 00:54	8°♏17'06	
asc. node	-553 Oct 29 j 05:13	4°♏52'49	
inferior conj	-553 Oct 31 j 10:08	1°♏54'44	0°45'18
minimum elong	-553 Oct 31 j 09:06	1°♏58'20	0°44'52
min. Earth dist.	-553 Oct 31 j 05:27	2°♏10'53	0.67636 AU
	-553 Nov 01 j 19:47	30°℞♎	
morning rise	-553 Nov 05 j 17:16	25°♎41'33	
direct	-553 Nov 10 j 02:32	23°♎56'47	
morning max el	-553 Nov 19 j 04:33	29°♎18'04	21°51'53
	-553 Nov 19 j 20:49	0°♏	
greatest brilliancy	-553 Nov 24 j 00:21	4°♏46'06	-0.4m
desc. node	-553 Dec 08 j 06:03	24°♏26'47	
	-553 Dec 11 j 23:10	0°♐	
morning set	-553 Dec 21 j 11:37	14°♐47'40	
max. Earth dist.	-553 Dec 27 j 19:02	25°♐04'58	1.41460 AU
	-553 Dec 30 j 17:12	0°♑	
superior conj	-552 Jan 04 j 11:02	8°♑11'59	-2°-1'-1
minimum elong	-552 Jan 04 j 10:40	8°♑10'22	2°01'02
evening rise	-552 Jan 15 j 03:04	27°♑32'44	
	-552 Jan 16 j 10:58	0°♒	
asc. node	-552 Jan 25 j 04:32	15°♒19'20	
evening max el	-552 Jan 31 j 11:16	23°♒33'22	18°12'31
retrograde	-552 Feb 07 j 09:46	27°♒02'54	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-552 Feb 09 j 23:10	26°♒35'09	
inferior conj	-552 Feb 16 j 21:40	21°♒46'14	3°41'29
minimum elong	-552 Feb 16 j 23:44	21°♒41'34	3°41'17
min. Earth dist.	-552 Feb 20 j 05:24	18°♒48'14	0.60188 AU
morning rise	-552 Feb 23 j 21:07	16°♒04'38	
direct	-552 Mar 01 j 12:40	14°♒00'18	
desc. node	-552 Mar 05 j 05:13	14°♒36'22	
morning max el	-552 Mar 15 j 18:57	21°♒46'59	27°26'34
	-552 Mar 23 j 00:00	0°♓	
	-552 Apr 10 j 17:48	0°♈	
morning set	-552 Apr 16 j 07:08	11°♈03'28	
asc. node	-552 Apr 22 j 03:49	23°♈34'41	
max. Earth dist.	-552 Apr 22 j 18:56	24°♈57'16	1.32379 AU
superior conj	-552 Apr 23 j 12:06	26°♈31'16	0°14'12
minimum elong	-552 Apr 23 j 11:28	26°♈27'46	0°14'04
behind sun begin	-552 Apr 23 j 09:09	26°♈15'06	
behind sun end	-552 Apr 23 j 13:46	26°♈40'26	
	-552 Apr 25 j 02:10	0°♉	
evening rise	-552 Apr 30 j 10:47	11°♉34'46	
	-552 May 09 j 21:07	0°♊	
evening max el	-552 May 27 j 23:48	25°♊03'03	25°39'43
desc. node	-552 Jun 01 j 04:26	28°♊33'59	
	-552 Jun 03 j 09:52	0°♋	
retrograde	-552 Jun 11 j 01:13	2°♋15'06	
evening set	-552 Jun 16 j 21:53	0°♋53'25	
	-552 Jun 18 j 15:48	30°℞♊	
min. Earth dist.	-552 Jun 21 j 12:02	28°♊12'05	0.58381 AU
inferior conj	-552 Jun 24 j 18:23	25°♊51'43	-4°-40'-21
minimum elong	-552 Jun 24 j 17:15	25°♊53'46	4°40'20
morning rise	-552 Jul 02 j 16:27	21°♊30'55	
direct	-552 Jul 05 j 04:24	21°♊11'03	
morning max el	-552 Jul 13 j 11:06	25°♊05'35	18°44'02
	-552 Jul 17 j 16:34	0°♋	
asc. node	-552 Jul 19 j 03:02	2°♋03'05	
morning set	-552 Jul 29 j 19:42	21°♋08'43	
	-552 Aug 03 j 08:37	0°♌	
superior conj	-552 Aug 07 j 13:14	8°♌02'28	1°45'32
minimum elong	-552 Aug 07 j 14:40	8°♌09'11	1°45'28
max. Earth dist.	-552 Aug 14 j 14:46	20°♌58'05	1.39372 AU
evening rise	-552 Aug 18 j 16:49	28°♌02'55	
	-552 Aug 19 j 20:33	0°♍	
desc. node	-552 Aug 28 j 03:48	13°♍24'26	
	-552 Sep 08 j 10:20	0°♎	
evening max el	-552 Sep 22 j 22:38	17°♎48'30	24°08'03
retrograde	-552 Oct 03 j 23:58	24°♎18'12	
evening set	-552 Oct 09 j 06:26	22°♎06'23	
min. Earth dist.	-552 Oct 14 j 01:40	16°♎33'22	0.67480 AU
inferior conj	-552 Oct 14 j 16:39	15°♎42'43	0°-8'-16
minimum elong	-552 Oct 14 j 16:51	15°♎42'03	0°08'12
transit middle	-552 Oct 14 j 16:51	15°♎42'03	0°08'12
transit begin	-552 Oct 14 j 14:29	15°♎50'01	
transit end	-552 Oct 14 j 19:12	15°♎34'05	
asc. node	-552 Oct 15 j 02:14	15°♎10'21	
morning rise	-552 Oct 20 j 03:30	9°♎34'23	
direct	-552 Oct 23 j 23:21	8°♎10'54	
morning max el	-552 Nov 01 j 00:22	12°♎51'01	20°34'38
greatest brilliancy	-552 Nov 07 j 05:02	20°♎12'17	-0.5m
	-552 Nov 14 j 05:33	0°♏	
desc. node	-552 Nov 24 j 03:06	14°♏46'23	
morning set	-552 Nov 29 j 12:06	23°♏02'25	
	-552 Dec 03 j 22:49	0°♐	
max. Earth dist.	-552 Dec 09 j 01:08	8°♐07'54	1.43229 AU
superior conj	-552 Dec 15 j 10:30	18°♐36'36	-1°-51'-56
minimum elong	-552 Dec 15 j 05:29	18°♐15'42	1°51'40
	-552 Dec 22 j 03:31	0°♑	
evening rise	-552 Dec 27 j 17:29	9°♑45'00	
	-551 Jan 08 j 16:43	0°♒	
asc. node	-551 Jan 11 j 01:33	3°♒19'55	
evening max el	-551 Jan 13 j 23:00	6°♒41'50	18°08'34
retrograde	-551 Jan 20 j 12:01	10°♒07'23	
evening set	-551 Jan 23 j 05:35	9°♒30'49	
inferior conj	-551 Jan 29 j 15:42	4°♒20'45	3°52'10
minimum elong	-551 Jan 29 j 15:30	4°♒21'15	3°52'10
min. Earth dist.	-551 Feb 01 j 12:23	1°♒25'31	0.62239 AU
	-551 Feb 03 j 00:43	30°℞♑	
morning rise	-551 Feb 04 j 23:12	28°♑25'16	
direct	-551 Feb 11 j 22:59	25°♑51'11	
desc. node	-551 Feb 20 j 02:16	28°♑46'42	
	-551 Feb 21 j 18:51	0°♒	
morning max el	-551 Feb 25 j 23:19	3°♒42'33	27°46'47
	-551 Mar 17 j 12:59	0°♓	
morning set	-551 Mar 31 j 10:18	25°♓30'55	
	-551 Apr 02 j 14:36	0°♈	
max. Earth dist.	-551 Apr 06 j 04:27	7°♈35'05	1.32693 AU
superior conj	-551 Apr 07 j 21:59	11°♈19'32	0°-11'-48
minimum elong	-551 Apr 07 j 22:32	11°♈22'33	0°11'42
behind sun begin	-551 Apr 07 j 19:02	11°♈03'32	
behind sun end	-551 Apr 08 j 02:03	11°♈41'34	
asc. node	-551 Apr 09 j 00:51	13°♈45'32	
evening rise	-551 Apr 14 j 22:26	26°♈29'22	
	-551 Apr 16 j 14:43	0°♉	
	-551 May 04 j 09:00	0°♊	
evening max el	-551 May 09 j 15:19	5°♊50'39	24°12'21
desc. node	-551 May 19 j 01:28	12°♊04'18	
retrograde	-551 May 23 j 12:09	12°♊49'24	
evening set	-551 May 27 j 23:55	12°♊04'30	
min. Earth dist.	-551 Jun 03 j 02:41	9°♊04'09	0.56576 AU
inferior conj	-551 Jun 05 j 16:38	7°♊27'09	-4°-10'-29
minimum elong	-551 Jun 05 j 11:03	7°♊35'56	4°09'34
morning rise	-551 Jun 14 j 01:58	3°♊24'57	
direct	-551 Jun 16 j 16:25	3°♊06'56	
morning max el	-551 Jun 26 j 08:05	7°♊35'32	19°39'57
asc. node	-551 Jul 06 j 00:04	20°♊36'54	
	-551 Jul 11 j 02:12	0°♋	
morning set	-551 Jul 13 j 21:15	5°♋32'16	
superior conj	-551 Jul 21 j 21:43	21°♋40'20	1°47'03
minimum elong	-551 Jul 21 j 21:12	21°♋37'47	1°47'03
	-551 Jul 26 j 04:43	0°♌	
max. Earth dist.	-551 Jul 27 j 18:03	2°♌55'53	1.37406 AU
evening rise	-551 Jul 31 j 14:58	10°♌00'43	
	-551 Aug 12 j 13:56	0°♍	
desc. node	-551 Aug 15 j 00:49	3°♍46'27	
	-551 Sep 04 j 00:46	0°♎	
evening max el	-551 Sep 05 j 10:10	1°♎24'19	25°23'37
retrograde	-551 Sep 17 j 10:56	8°♎20'22	
evening set	-551 Sep 23 j 08:16	5°♎52'00	
min. Earth dist.	-551 Sep 27 j 19:09	0°♎54'35	0.67003 AU
inferior conj	-551 Sep 28 j 20:52	29°♍31'14	-1°-3'-40
minimum elong	-551 Sep 28 j 22:27	29°♍26'05	1°03'01
	-551 Sep 28 j 12:00	30°℞♍	
asc. node	-551 Oct 01 j 23:16	25°♍45'27	
morning rise	-551 Oct 04 j 13:13	23°♍30'46	
direct	-551 Oct 07 j 21:41	22°♍25'43	
morning max el	-551 Oct 15 j 03:45	26°♍33'19	19°30'25
	-551 Oct 18 j 04:51	0°♎	
greatest brilliancy	-551 Oct 24 j 01:07	7°♎55'14	-0.7m
	-551 Nov 07 j 14:07	0°♏	
morning set	-551 Nov 08 j 11:24	1°♏22'31	
desc. node	-551 Nov 11 j 00:09	5°♏18'33	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

max. Earth dist.	-551 Nov 21 j 14:33	21°♏55'54	1.44455 AU
superior conj	-551 Nov 25 j 07:17	27°♏48'59	-1°-24'-54
minimum elong	-551 Nov 24 j 23:09	27°♏16'30	1°24'07
	-551 Nov 26 j 15:58	0°♐	
evening rise	-551 Dec 09 j 11:58	21°♐03'59	
	-551 Dec 14 j 19:59	0°♑	
evening max el	-551 Dec 28 j 11:32	20°♑01'55	18°23'28
asc. node	-551 Dec 28 j 22:34	20°♑29'13	
retrograde	-550 Jan 04 j 00:11	23°♑35'47	
evening set	-550 Jan 06 j 22:22	22°♑49'17	
inferior conj	-550 Jan 12 j 23:10	17°♑19'26	3°42'42
minimum elong	-550 Jan 12 j 21:20	17°♑24'40	3°42'28
min. Earth dist.	-550 Jan 15 j 04:52	14°♑46'28	0.64047 AU
morning rise	-550 Jan 18 j 18:51	11°♑15'02	
direct	-550 Jan 25 j 16:57	8°♑25'49	
desc. node	-550 Feb 06 j 23:20	14°♑56'26	
morning max el	-550 Feb 08 j 07:37	16°♑14'24	27°30'41
	-550 Feb 19 j 17:09	0°♒	
	-550 Mar 10 j 06:15	0°♓	
morning set	-550 Mar 15 j 05:59	9°♓32'12	
max. Earth dist.	-550 Mar 20 j 07:00	19°♓47'01	1.33420 AU
superior conj	-550 Mar 23 j 04:25	25°♓53'10	0°-38'-26
minimum elong	-550 Mar 23 j 06:15	26°♓02'55	0°38'04
	-550 Mar 25 j 02:36	0°♈	
asc. node	-550 Mar 26 j 21:54	3°♈52'16	
evening rise	-550 Mar 30 j 09:53	11°♈18'59	
	-550 Apr 09 j 02:14	0°♉	
evening max el	-550 Apr 21 j 07:09	16°♉26'18	22°37'05
retrograde	-550 May 04 j 10:00	22°♉54'39	
desc. node	-550 May 05 j 22:28	22°♉49'30	
evening set	-550 May 07 j 13:22	22°♉33'02	
min. Earth dist.	-550 May 15 j 15:29	19°♉01'46	0.55367 AU
inferior conj	-550 May 16 j 20:30	18°♉20'25	-2°-55'-58
minimum elong	-550 May 16 j 13:33	18°♉30'20	2°53'58
morning rise	-550 May 25 j 16:09	14°♉26'33	
direct	-550 May 28 j 11:14	14°♉08'29	
morning max el	-550 Jun 08 j 18:06	19°♉23'43	20°56'14
	-550 Jun 17 j 05:48	0°♊	
asc. node	-550 Jun 22 j 21:09	9°♊44'25	
morning set	-550 Jun 28 j 04:16	20°♊13'49	
	-550 Jul 02 j 21:09	0°♋	
superior conj	-550 Jul 05 j 17:13	5°♋52'22	1°40'54
minimum elong	-550 Jul 05 j 15:25	5°♋43'05	1°40'48
max. Earth dist.	-550 Jul 10 j 03:02	14°♋45'54	1.35664 AU
evening rise	-550 Jul 14 j 09:06	22°♋57'22	
	-550 Jul 18 j 05:22	0°♌	
desc. node	-550 Aug 01 j 21:48	23°♌49'32	
	-550 Aug 06 j 06:37	0°♍	
evening max el	-550 Aug 18 j 21:54	15°♍00'02	26°26'39
retrograde	-550 Aug 31 j 16:53	22°♍12'00	
evening set	-550 Sep 07 j 04:22	19°♍31'18	
min. Earth dist.	-550 Sep 11 j 07:24	15°♍11'30	0.66187 AU
inferior conj	-550 Sep 12 j 20:54	13°♍17'22	-1°-59'-12
minimum elong	-550 Sep 12 j 23:53	13°♍08'17	1°58'04
morning rise	-550 Sep 18 j 20:25	7°♍28'05	
asc. node	-550 Sep 18 j 20:20	7°♍28'12	
direct	-550 Sep 21 j 19:46	6°♍37'59	
morning max el	-550 Sep 28 j 13:39	10°♍22'35	18°41'31
	-550 Oct 12 j 12:29	0°♎	
morning set	-550 Oct 19 j 07:43	10°♎49'21	
desc. node	-550 Oct 28 j 21:10	25°♎58'44	
	-550 Oct 31 j 10:25	0°♏	
superior conj	-550 Nov 04 j 09:28	6°♏13'51	0°-41'-40
minimum elong	-550 Nov 04 j 04:05	5°♏52'40	0°41'00
max. Earth dist.	-550 Nov 04 j 08:34	6°♏10'18	1.44993 AU
	-550 Nov 19 j 10:02	0°♐	
evening rise	-550 Nov 20 j 07:01	1°♐23'46	
	-550 Dec 08 j 22:56	0°♑	
evening max el	-550 Dec 11 j 22:14	3°♑27'15	18°56'15
asc. node	-550 Dec 15 j 19:37	6°♑32'29	
retrograde	-550 Dec 18 j 18:24	7°♑19'56	
evening set	-550 Dec 21 j 22:23	6°♑22'08	
inferior conj	-550 Dec 27 j 16:26	0°♑34'55	3°18'51
minimum elong	-550 Dec 27 j 13:45	0°♑43'14	3°18'16
	-550 Dec 28 j 03:38	30°℞♐	
min. Earth dist.	-550 Dec 29 j 06:53	28°♐35'32	0.65492 AU
morning rise	-549 Jan 02 j 04:10	24°♐24'26	
direct	-549 Jan 08 j 17:21	21°♐34'49	
morning max el	-549 Jan 21 j 17:21	29°♐11'16	26°43'08
	-549 Jan 22 j 12:28	0°♑	
desc. node	-549 Jan 24 j 20:23	2°♑31'24	
	-549 Feb 13 j 13:27	0°♒	
morning set	-549 Feb 26 j 14:45	22°♒56'02	
	-549 Mar 02 j 06:03	0°♓	
max. Earth dist.	-549 Mar 02 j 23:12	1°♓25'15	1.34590 AU
superior conj	-549 Mar 07 j 05:12	10°♓04'35	-1°-4'-31
minimum elong	-549 Mar 07 j 08:11	10°♓20'04	1°04'00
asc. node	-549 Mar 13 j 18:56	23°♓50'03	
evening rise	-549 Mar 14 j 19:16	25°♓56'31	
	-549 Mar 16 j 18:46	0°♈	
evening max el	-549 Apr 03 j 05:56	27°♈18'14	21°07'50
	-549 Apr 06 j 11:29	0°♉	
retrograde	-549 Apr 14 j 23:41	2°♉59'20	
evening set	-549 Apr 17 j 07:28	2°♉46'45	
desc. node	-549 Apr 22 j 19:32	0°♉51'09	
	-549 Apr 24 j 11:07	30°℞♈	
inferior conj	-549 Apr 26 j 14:54	28°♈48'02	-1°-5'-6
minimum elong	-549 Apr 26 j 11:50	28°♈52'22	1°04'00
min. Earth dist.	-549 Apr 27 j 04:23	28°♈29'00	0.55020 AU
morning rise	-549 May 05 j 15:53	24°♈44'49	
direct	-549 May 08 j 21:38	24°♈22'07	
	-549 May 21 j 04:31	0°♉	
morning max el	-549 May 21 j 17:34	0°♉29'57	22°29'10
asc. node	-549 Jun 09 j 18:14	29°♉16'38	
	-549 Jun 10 j 02:51	0°♊	
morning set	-549 Jun 12 j 14:37	5°♊06'51	
superior conj	-549 Jun 19 j 20:19	20°♊28'04	1°28'48
minimum elong	-549 Jun 19 j 17:53	20°♊15'12	1°28'33
max. Earth dist.	-549 Jun 22 j 21:09	26°♊49'27	1.34264 AU
	-549 Jun 24 j 10:17	0°♋	
evening rise	-549 Jun 27 j 18:15	6°♋39'09	
	-549 Jul 10 j 20:11	0°♌	
desc. node	-549 Jul 19 j 18:49	13°♌25'34	
evening max el	-549 Aug 01 j 09:41	28°♌27'01	27°09'33
	-549 Aug 03 j 02:07	0°♍	
retrograde	-549 Aug 14 j 17:32	5°♍46'18	
evening set	-549 Aug 21 j 16:20	3°♍00'55	
	-549 Aug 24 j 20:57	30°℞♌	
min. Earth dist.	-549 Aug 25 j 12:10	29°♌18'49	0.65004 AU
inferior conj	-549 Aug 27 j 14:37	26°♌57'32	-2°-52'-43
minimum elong	-549 Aug 27 j 18:45	26°♌45'55	2°51'21
morning rise	-549 Sep 02 j 22:45	21°♌22'42	
direct	-549 Sep 05 j 15:19	20°♌44'01	
asc. node	-549 Sep 05 j 17:26	20°♌44'03	
morning max el	-549 Sep 12 j 03:52	24°♌14'49	18°09'14
	-549 Sep 16 j 20:08	0°♍	
morning set	-549 Sep 30 j 08:37	21°♍40'38	
	-549 Oct 05 j 09:24	0°♎	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-549 Oct 14 j 13:51	14°♎51'19	0°07'45
minimum elong	-549 Oct 14 j 14:49	14°♎55'09	0°07'38
behind sun begin	-549 Oct 14 j 05:10	14°♎16'40	
behind sun end	-549 Oct 15 j 00:28	15°♎33'35	
desc. node	-549 Oct 15 j 18:11	16°♎43'58	
max. Earth dist.	-549 Oct 18 j 03:30	20°♎30'54	1.44790 AU
	-549 Oct 24 j 04:31	0°♏	
evening rise	-549 Oct 31 j 03:25	10°♏49'11	
	-549 Nov 12 j 15:11	0°♐	
greatest brilliancy	-549 Nov 17 j 10:58	7°♐05'23	-0.6m
evening max el	-549 Nov 25 j 04:58	16°♐54'47	19°45'23
retrograde	-549 Dec 02 j 15:35	21°♐15'03	
asc. node	-549 Dec 02 j 16:41	21°♐15'02	
evening set	-549 Dec 06 j 03:03	20°♐04'13	
inferior conj	-549 Dec 11 j 16:29	14°♐02'41	2°44'34
minimum elong	-549 Dec 11 j 13:39	14°♐12'02	2°43'43
min. Earth dist.	-549 Dec 12 j 17:06	12°♐41'30	0.66550 AU
morning rise	-549 Dec 16 j 23:36	7°♐48'23	
direct	-549 Dec 22 j 23:38	5°♐09'48	
morning max el	-548 Jan 04 j 02:33	12°♐21'34	25°32'17
desc. node	-548 Jan 11 j 17:27	21°♐06'49	
	-548 Jan 18 j 08:09	0°♑	
	-548 Feb 06 j 06:19	0°♒	
morning set	-548 Feb 09 j 08:00	5°♒29'16	
max. Earth dist.	-548 Feb 13 j 03:37	12°♒34'19	1.36202 AU
superior conj	-548 Feb 18 j 21:39	23°♒46'20	-1°-28'-22
minimum elong	-548 Feb 19 j 01:22	24°♒04'52	1°27'53
	-548 Feb 21 j 23:45	0°♓	
evening rise	-548 Feb 27 j 00:32	10°♓15'42	
asc. node	-548 Feb 28 j 16:00	13°♓34'24	
	-548 Mar 08 j 17:28	0°♈	
evening max el	-548 Mar 15 j 15:41	8°♈45'34	19°53'44
retrograde	-548 Mar 25 j 16:31	13°♈34'02	
evening set	-548 Mar 27 j 19:38	13°♈21'59	
inferior conj	-548 Apr 05 j 14:22	9°♈20'59	0°52'10
minimum elong	-548 Apr 05 j 16:36	9°♈17'33	0°51'23
min. Earth dist.	-548 Apr 07 j 18:35	8°♈01'01	0.55628 AU
desc. node	-548 Apr 08 j 16:36	7°♈28'27	
morning rise	-548 Apr 14 j 10:28	4°♈50'26	
direct	-548 Apr 18 j 13:13	4°♈13'02	
morning max el	-548 May 02 j 09:59	11°♈07'08	24°09'49
	-548 May 16 j 14:41	0°♉	
asc. node	-548 May 26 j 15:16	19°♉06'39	
morning set	-548 May 27 j 02:29	20°♉05'24	
	-548 May 31 j 17:27	0°♊	
superior conj	-548 Jun 03 j 04:17	5°♊18'39	1°12'04
minimum elong	-548 Jun 03 j 01:49	5°♊05'17	1°11'41
max. Earth dist.	-548 Jun 05 j 00:13	9°♊14'57	1.33256 AU
evening rise	-548 Jun 10 j 14:12	20°♊53'40	
	-548 Jun 15 j 05:59	0°♋	
	-548 Jul 03 j 20:10	0°♌	
desc. node	-548 Jul 05 j 15:52	2°♌22'29	
evening max el	-548 Jul 13 j 20:02	11°♌32'54	27°25'30
retrograde	-548 Jul 27 j 12:24	18°♌53'21	
evening set	-548 Aug 03 j 16:56	16°♌14'57	
min. Earth dist.	-548 Aug 07 j 07:38	13°♌06'18	0.63454 AU
inferior conj	-548 Aug 09 j 23:21	10°♌25'14	-3°-41'-9
minimum elong	-548 Aug 10 j 03:59	10°♌13'28	3°39'58
morning rise	-548 Aug 16 j 17:15	5°♌08'05	
direct	-548 Aug 19 j 05:33	4°♌37'34	
asc. node	-548 Aug 22 j 14:30	5°♌33'17	
morning max el	-548 Aug 25 j 19:34	8°♌02'58	17°54'25
	-548 Sep 09 j 07:21	0°♍	
morning set	-548 Sep 11 j 10:45	3°♍44'11	
superior conj	-548 Sep 23 j 15:31	24°♍33'29	0°51'13
minimum elong	-548 Sep 23 j 20:17	24°♍53'13	0°50'37
	-548 Sep 26 j 23:06	0°♎	
max. Earth dist.	-548 Sep 29 j 19:46	4°♎37'14	1.43884 AU
desc. node	-548 Oct 01 j 15:12	7°♎30'41	
evening rise	-548 Oct 09 j 10:32	19°♎44'08	
	-548 Oct 16 j 03:50	0°♏	
greatest brilliancy	-548 Nov 01 j 13:33	23°♏37'35	-0.5m
	-548 Nov 06 j 21:35	0°♐	
evening max el	-548 Nov 07 j 06:17	0°♐22'37	20°48'37
retrograde	-548 Nov 15 j 13:11	5°♐17'03	
asc. node	-548 Nov 18 j 13:44	4°♐25'03	
evening set	-548 Nov 19 j 10:12	3°♐51'08	
	-548 Nov 23 j 02:35	30°℞♏	
inferior conj	-548 Nov 24 j 20:49	27°♏38'45	2°02'33
minimum elong	-548 Nov 24 j 18:22	27°♏47'07	2°01'40
min. Earth dist.	-548 Nov 25 j 09:14	26°♏56'18	0.67240 AU
morning rise	-548 Nov 30 j 02:06	21°♏22'54	
direct	-548 Dec 05 j 11:08	19°♏02'48	
morning max el	-548 Dec 16 j 10:59	25°♏36'25	24°08'02
	-548 Dec 20 j 11:14	0°♐	
desc. node	-548 Dec 28 j 14:28	10°♐24'43	
	-547 Jan 10 j 21:18	0°♑	
morning set	-547 Jan 21 j 03:47	16°♑55'14	
max. Earth dist.	-547 Jan 24 j 23:34	23°♑38'55	1.38169 AU
	-547 Jan 28 j 11:17	0°♒	
superior conj	-547 Feb 01 j 02:16	6°♒48'55	-1°-47'-43
minimum elong	-547 Feb 01 j 05:45	7°♒05'33	1°47'28
evening rise	-547 Feb 09 j 23:12	24°♒09'33	
	-547 Feb 12 j 23:09	0°♓	
asc. node	-547 Feb 14 j 13:03	2°♓59'50	
evening max el	-547 Feb 26 j 12:14	20°♓51'20	18°58'43
retrograde	-547 Mar 06 j 23:34	24°♓56'18	
evening set	-547 Mar 09 j 05:59	24°♓39'58	
inferior conj	-547 Mar 17 j 06:36	20°♓24'19	2°25'26
minimum elong	-547 Mar 17 j 11:03	20°♓16'27	2°24'14
min. Earth dist.	-547 Mar 20 j 10:40	18°♓10'54	0.57054 AU
morning rise	-547 Mar 25 j 11:56	15°♓21'13	
desc. node	-547 Mar 26 j 13:38	14°♓57'24	
direct	-547 Mar 30 j 18:09	14°♓15'19	
morning max el	-547 Apr 14 j 00:58	21°♓39'46	25°44'32
	-547 Apr 21 j 07:48	0°♈	
	-547 May 09 j 03:25	0°♉	
morning set	-547 May 11 j 14:15	5°♉04'09	
asc. node	-547 May 13 j 12:19	9°♉09'03	
superior conj	-547 May 18 j 15:05	20°♉17'22	0°51'43
minimum elong	-547 May 18 j 13:03	20°♉06'11	0°51'19
max. Earth dist.	-547 May 19 j 09:54	22°♉00'10	1.32633 AU
	-547 May 23 j 02:41	0°♊	
evening rise	-547 May 25 j 17:41	5°♊30'53	
	-547 Jun 07 j 21:05	0°♋	
desc. node	-547 Jun 22 j 12:54	20°♋23'55	
evening max el	-547 Jun 26 j 02:49	24°♋06'11	27°09'37
	-547 Jul 04 j 06:05	0°♌	
retrograde	-547 Jul 10 j 00:32	1°♌24'05	
	-547 Jul 15 j 12:55	30°℞♋	
evening set	-547 Jul 17 j 02:06	29°♋06'40	
min. Earth dist.	-547 Jul 20 j 16:56	26°♋21'23	0.61594 AU
inferior conj	-547 Jul 23 j 19:58	23°♋33'35	-4°-19'-36
minimum elong	-547 Jul 23 j 23:52	23°♋24'49	4°18'59
morning rise	-547 Jul 31 j 00:27	18°♋36'52	
direct	-547 Aug 02 j 11:00	18°♋11'48	
asc. node	-547 Aug 09 j 11:32	21°♋44'34	
morning max el	-547 Aug 09 j 09:49	21°♋40'22	17°58'04
	-547 Aug 15 j 18:50	0°♌	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-547 Aug 25 j 08:10	16°♌43'21	
	-547 Sep 01 j 16:07	0°♍	
superior conj	-547 Sep 04 j 20:38	5°♍36'50	1°22'17
minimum elong	-547 Sep 05 j 01:20	5°♍57'16	1°21'49
max. Earth dist.	-547 Sep 12 j 07:25	18°♍14'30	1.42402 AU
evening rise	-547 Sep 18 j 22:10	28°♍55'07	
desc. node	-547 Sep 18 j 12:13	28°♍15'46	
	-547 Sep 19 j 14:38	0°♎	
	-547 Oct 09 j 20:28	0°♏	
greatest brilliancy	-547 Oct 16 j 08:02	8°♏29'18	-0.3m
evening max el	-547 Oct 21 j 01:52	13°♏51'22	22°02'30
retrograde	-547 Oct 30 j 09:19	19°♏23'30	
evening set	-547 Nov 03 j 18:02	17°♏40'29	
asc. node	-547 Nov 05 j 10:46	16°♏04'18	
inferior conj	-547 Nov 09 j 03:23	11°♏20'53	1°14'48
minimum elong	-547 Nov 09 j 01:44	11°♏26'35	1°14'08
min. Earth dist.	-547 Nov 09 j 04:48	11°♏16'00	0.67588 AU
morning rise	-547 Nov 14 j 09:14	5°♏05'59	
direct	-547 Nov 19 j 03:02	3°♏07'57	
morning max el	-547 Nov 28 j 21:12	8°♏55'21	22°40'23
greatest brilliancy	-547 Dec 03 j 12:47	14°♏07'43	-0.3m
desc. node	-547 Dec 15 j 11:30	0°♐13'06	
	-547 Dec 15 j 07:52	0°♐	
morning set	-546 Jan 01 j 19:59	26°♐58'33	
	-546 Jan 03 j 15:55	0°♑	
max. Earth dist.	-546 Jan 06 j 19:20	5°♑17'28	1.40293 AU
superior conj	-546 Jan 14 j 14:29	19°♑00'22	-1°-59'-23
minimum elong	-546 Jan 14 j 16:07	19°♑07'48	1°59'22
	-546 Jan 20 j 13:05	0°♒	
evening rise	-546 Jan 24 j 12:19	7°♒30'20	
asc. node	-546 Feb 01 j 10:05	21°♒59'14	
	-546 Feb 06 j 16:16	0°♓	
evening max el	-546 Feb 09 j 17:04	3°♓28'10	18°23'38
retrograde	-546 Feb 17 j 01:25	7°♓05'44	
evening set	-546 Feb 19 j 12:34	6°♓42'25	
inferior conj	-546 Feb 26 j 19:43	2°♓06'01	3°23'15
minimum elong	-546 Feb 26 j 23:05	1°♓59'03	3°22'42
	-546 Mar 01 j 08:43	30°♑℞♒	
min. Earth dist.	-546 Mar 02 j 06:05	29°♒17'30	0.58992 AU
morning rise	-546 Mar 06 j 05:56	26°♒36'16	
direct	-546 Mar 12 j 12:10	24°♒53'12	
desc. node	-546 Mar 13 j 10:41	24°♒55'29	
	-546 Mar 23 j 23:47	0°♓	
morning max el	-546 Mar 26 j 19:43	2°♓33'31	26°58'19
	-546 Apr 15 j 15:31	0°♈	
morning set	-546 Apr 26 j 00:11	19°♈56'05	
asc. node	-546 Apr 30 j 09:22	29°♈18'09	
	-546 Apr 30 j 17:02	0°♉	
superior conj	-546 May 03 j 02:50	5°♉16'32	0°28'31
minimum elong	-546 May 03 j 01:36	5°♉09'45	0°28'15
max. Earth dist.	-546 May 02 j 22:40	4°♉53'43	1.32375 AU
evening rise	-546 May 10 j 01:57	20°♉20'43	
	-546 May 14 j 20:14	0°♊	
	-546 Jun 02 j 16:33	0°♋	
evening max el	-546 Jun 08 j 03:33	5°♋55'59	26°20'52
desc. node	-546 Jun 09 j 09:55	7°♋05'50	
retrograde	-546 Jun 22 j 04:10	13°♋10'03	
evening set	-546 Jun 28 j 15:14	11°♋26'09	
min. Earth dist.	-546 Jul 02 j 16:37	8°♋48'36	0.59554 AU
inferior conj	-546 Jul 06 j 00:51	6°♋12'31	-4°-40'-29
minimum elong	-546 Jul 06 j 02:07	6°♋10'02	4°40'27
morning rise	-546 Jul 13 j 16:23	1°♋38'24	
direct	-546 Jul 16 j 03:31	1°♋16'51	
morning max el	-546 Jul 23 j 19:35	4°♋58'19	18°21'22
asc. node	-546 Jul 27 j 08:34	9°♋02'03	
morning set	-546 Aug 08 j 19:32	0°♌23'17	
	-546 Aug 08 j 14:39	0°♌	
superior conj	-546 Aug 18 j 02:05	17°♌52'29	1°40'21
minimum elong	-546 Aug 18 j 04:48	18°♌04'58	1°40'11
	-546 Aug 24 j 21:17	0°♍	
max. Earth dist.	-546 Aug 25 j 13:55	1°♍11'42	1.40529 AU
evening rise	-546 Aug 30 j 05:35	9°♍01'55	
desc. node	-546 Sep 05 j 09:15	18°♍55'32	
	-546 Sep 12 j 15:48	0°♎	
evening max el	-546 Oct 03 j 16:38	27°♎22'10	23°22'10
	-546 Oct 06 j 13:16	0°♏	
retrograde	-546 Oct 14 j 02:38	3°♏31'44	
evening set	-546 Oct 19 j 00:54	1°♏30'19	
	-546 Oct 20 j 14:26	30°♎℞	
asc. node	-546 Oct 23 j 07:47	26°♎37'59	
inferior conj	-546 Oct 24 j 10:24	25°♎07'11	0°22'56
minimum elong	-546 Oct 24 j 09:51	25°♎09'03	0°22'41
min. Earth dist.	-546 Oct 24 j 01:22	25°♎38'08	0.67610 AU
morning rise	-546 Oct 29 j 18:53	18°♎55'53	
direct	-546 Nov 02 j 22:20	17°♎20'17	
morning max el	-546 Nov 11 j 12:51	22°♎22'37	21°17'44
greatest brilliancy	-546 Nov 16 j 19:12	28°♎26'31	-0.4m
	-546 Nov 18 j 00:23	0°♏	
desc. node	-546 Dec 02 j 08:32	20°♏23'28	
	-546 Dec 08 j 16:00	0°♐	
morning set	-546 Dec 12 j 07:58	5°♐42'56	
max. Earth dist.	-546 Dec 19 j 21:40	17°♐52'35	1.42270 AU
superior conj	-546 Dec 27 j 04:52	0°♑07'50	-1°-59'-12
minimum elong	-546 Dec 27 j 02:37	29°♐58'12	1°59'09
	-546 Dec 27 j 03:03	0°♑	
evening rise	-545 Jan 07 j 12:16	20°♑10'47	
	-545 Jan 12 j 23:25	0°♒	
asc. node	-545 Jan 19 j 07:07	10°♒24'36	
evening max el	-545 Jan 24 j 03:09	16°♒27'45	18°08'24
retrograde	-545 Jan 30 j 20:16	19°♒53'52	
evening set	-545 Feb 02 j 11:31	19°♒22'21	
inferior conj	-545 Feb 09 j 04:18	14°♒24'00	3°48'56
minimum elong	-545 Feb 09 j 05:22	14°♒21'27	3°48'52
min. Earth dist.	-545 Feb 12 j 07:59	11°♒24'44	0.61085 AU
morning rise	-545 Feb 15 j 20:32	8°♒35'53	
direct	-545 Feb 22 j 16:54	6°♒17'45	
desc. node	-545 Feb 28 j 07:43	7°♒41'30	
morning max el	-545 Mar 08 j 20:52	14°♒06'12	27°39'43
	-545 Mar 21 j 16:05	0°♓	
	-545 Apr 08 j 00:10	0°♈	
morning set	-545 Apr 10 j 06:28	4°♈34'53	
max. Earth dist.	-545 Apr 16 j 10:41	17°♈42'15	1.32476 AU
asc. node	-545 Apr 17 j 06:24	19°♈29'41	
superior conj	-545 Apr 17 j 13:53	20°♈10'34	0°03'19
minimum elong	-545 Apr 17 j 13:44	20°♈09'42	0°03'17
behind sun begin	-545 Apr 17 j 08:45	19°♈42'33	
behind sun end	-545 Apr 17 j 18:42	20°♈36'53	
	-545 Apr 22 j 01:56	0°♉	
evening rise	-545 Apr 24 j 12:56	5°♉15'45	
	-545 May 07 j 17:10	0°♊	
evening max el	-545 May 20 j 21:30	17°♊01'46	25°04'18
desc. node	-545 May 27 j 06:57	21°♊56'45	
retrograde	-545 Jun 03 j 21:39	24°♊09'14	
evening set	-545 Jun 09 j 05:27	23°♊04'01	
min. Earth dist.	-545 Jun 14 j 09:09	20°♊16'29	0.57569 AU
inferior conj	-545 Jun 17 j 10:42	18°♊12'36	-4°-32'-46
minimum elong	-545 Jun 17 j 07:35	18°♊17'54	4°32'30
morning rise	-545 Jun 25 j 13:35	14°♊00'39	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

direct	-545 Jun 28 j 02:43	13°♊41'34		
morning max el	-545 Jul 06 j 21:59	17°♊48'23	19°05'18	
asc. node	-545 Jul 14 j 05:36	27°♊11'36		
	-545 Jul 15 j 22:25	0°♋		
morning set	-545 Jul 23 j 16:48	14°♋33'16		
	-545 Jul 31 j 12:48	0°♌		
superior conj	-545 Aug 01 j 02:14	1°♌04'52	1°47'14	
minimum elong	-545 Aug 01 j 02:46	1°♌07'25	1°47'14	
max. Earth dist.	-545 Aug 07 j 16:58	13°♌27'05	1.38517 AU	
evening rise	-545 Aug 11 j 14:02	20°♌19'39		
	-545 Aug 17 j 07:44	0°♍		
desc. node	-545 Aug 23 j 06:15	9°♍25'32		
	-545 Sep 06 j 17:53	0°♎		
evening max el	-545 Sep 16 j 04:31	10°♎55'31	24°41'17	
retrograde	-545 Sep 27 j 16:08	17°♎37'31		
evening set	-545 Oct 03 j 05:04	15°♎18'03		
min. Earth dist.	-545 Oct 07 j 20:34	10°♎00'14	0.67314 AU	
inferior conj	-545 Oct 08 j 16:06	8°♎55'13	0°-31'-39	
minimum elong	-545 Oct 08 j 16:53	8°♎52'38	0°31'20	
asc. node	-545 Oct 10 j 04:49	6°♎55'17		
morning rise	-545 Oct 14 j 05:07	2°♎50'10		
direct	-545 Oct 17 j 19:51	1°♎35'02		
morning max el	-545 Oct 25 j 11:58	5°♎59'54	20°05'42	
greatest brilliancy	-545 Nov 01 j 14:01	14°♎38'28	-0.6m	
	-545 Nov 12 j 03:19	0°♏		
desc. node	-545 Nov 19 j 05:33	10°♏48'56		
morning set	-545 Nov 21 j 04:45	13°♏51'00		
	-545 Dec 01 j 11:55	0°♐		
max. Earth dist.	-545 Dec 02 j 07:31	1°♐18'14	1.43824 AU	
superior conj	-545 Dec 07 j 16:43	10°♐00'23	-1°-42'-44	
minimum elong	-545 Dec 07 j 09:53	9°♐32'28	1°42'14	
	-545 Dec 19 j 14:28	0°♑		
evening rise	-545 Dec 20 j 18:46	2°♑01'42		
asc. node	-544 Jan 06 j 04:09	28°♑05'07		
evening max el	-544 Jan 07 j 15:29	29°♑41'42	18°12'34	
	-544 Jan 07 j 22:54	0°♒		
retrograde	-544 Jan 14 j 03:26	3°♒09'47		
evening set	-544 Jan 16 j 22:48	2°♒29'10		
	-544 Jan 20 j 09:54	30°℞♑		
inferior conj	-544 Jan 23 j 04:35	27°♑10'11	3°50'14	
minimum elong	-544 Jan 23 j 03:36	27°♑12'50	3°50'10	
min. Earth dist.	-544 Jan 25 j 19:00	24°♑22'36	0.63046 AU	
morning rise	-544 Jan 29 j 06:32	21°♑10'10		
direct	-544 Feb 05 j 06:25	18°♑28'02		
desc. node	-544 Feb 15 j 04:45	22°♑47'11		
morning max el	-544 Feb 19 j 03:31	26°♑19'23	27°44'11	
	-544 Feb 22 j 14:15	0°♒		
	-544 Mar 14 j 05:01	0°♓		
morning set	-544 Mar 24 j 06:51	18°♓52'46		
max. Earth dist.	-544 Mar 29 j 17:54	0°♈11'27	1.32954 AU	
	-544 Mar 29 j 15:45	0°♈		
superior conj	-544 Mar 31 j 22:33	4°♈53'24	0°-23'-6	
minimum elong	-544 Mar 31 j 23:38	4°♈59'18	0°22'52	
asc. node	-544 Apr 03 j 03:28	9°♈39'30		
evening rise	-544 Apr 08 j 00:45	20°♈09'10		
	-544 Apr 12 j 20:41	0°♉		
evening max el	-544 May 01 j 12:06	27°♉40'13	23°31'44	
	-544 May 04 j 03:38	0°♊		
desc. node	-544 May 13 j 03:57	4°♊20'21		
retrograde	-544 May 15 j 03:19	4°♊29'13		
evening set	-544 May 19 j 00:27	3°♊56'03		
min. Earth dist.	-544 May 25 j 22:33	0°♊43'58	0.55969 AU	
	-544 May 27 j 04:07	30°℞♉		
inferior conj	-544 May 28 j 00:32	29°♉29'20	-3°-44'-23	
minimum elong	-544 May 27 j 17:46	29°♉39'30	3°42'52	
morning rise	-544 Jun 05 j 14:37	25°♉32'51		
direct	-544 Jun 08 j 06:29	25°♉15'16		
morning max el	-544 Jun 18 j 14:35	0°♊02'07	20°10'09	
	-544 Jun 18 j 13:40	0°♊		
asc. node	-544 Jun 30 j 02:41	16°♊01'17		
morning set	-544 Jul 06 j 20:59	29°♊05'44		
	-544 Jul 07 j 07:40	0°♋		
superior conj	-544 Jul 14 j 15:58	14°♋59'34	1°45'16	
minimum elong	-544 Jul 14 j 14:49	14°♋53'47	1°45'14	
max. Earth dist.	-544 Jul 19 j 21:49	25°♋17'53	1.36620 AU	
	-544 Jul 22 j 09:38	0°♌		
evening rise	-544 Jul 23 j 21:21	2°♌44'34		
desc. node	-544 Aug 09 j 03:17	29°♌40'50		
	-544 Aug 09 j 08:25	0°♍		
evening max el	-544 Aug 28 j 15:50	24°♍31'37	25°52'26	
	-544 Sep 04 j 15:05	0°♎		
retrograde	-544 Sep 10 j 01:13	1°♎36'32		
	-544 Sep 14 j 22:23	30°℞♍		
evening set	-544 Sep 16 j 04:46	29°♍01'55		
min. Earth dist.	-544 Sep 20 j 12:06	24°♍20'27	0.66693 AU	
inferior conj	-544 Sep 21 j 18:48	22°♍43'22	-1°-27'-21	
minimum elong	-544 Sep 21 j 20:59	22°♍36'26	1°26'28	
asc. node	-544 Sep 26 j 01:52	17°♍54'30		
morning rise	-544 Sep 27 j 14:02	16°♍47'25		
direct	-544 Sep 30 j 18:13	15°♍49'22		
morning max el	-544 Oct 07 j 18:27	19°♍46'19	19°07'42	
	-544 Oct 15 j 18:28	0°♎		
morning set	-544 Oct 30 j 10:55	22°♎34'00		
	-544 Nov 04 j 04:51	0°♏		
desc. node	-544 Nov 05 j 02:35	1°♏25'07		
max. Earth dist.	-544 Nov 13 j 22:51	15°♏18'18	1.44767 AU	
superior conj	-544 Nov 16 j 03:43	18°♏47'01	-1°-8'-7	
minimum elong	-544 Nov 15 j 19:57	18°♏16'19	1°07'16	
	-544 Nov 23 j 04:33	0°♐		
evening rise	-544 Dec 01 j 03:33	12°♐55'45		
	-544 Dec 11 j 15:00	0°♑		
evening max el	-544 Dec 21 j 03:30	13°♑04'23	18°35'19	
asc. node	-544 Dec 23 j 01:11	14°♑48'13		
retrograde	-544 Dec 27 j 18:39	16°♑45'22		
evening set	-544 Dec 30 j 19:00	15°♑54'27		
inferior conj	-543 Jan 05 j 16:39	10°♑16'59	3°34'03	
minimum elong	-543 Jan 05 j 14:22	10°♑23'46	3°33'41	
min. Earth dist.	-543 Jan 07 j 15:50	7°♑57'03	0.64705 AU	
morning rise	-543 Jan 11 j 08:29	4°♑09'26		
direct	-543 Jan 18 j 03:27	1°♑18'08		
morning max el	-543 Jan 31 j 12:51	9°♑03'56	27°13'48	
desc. node	-543 Feb 01 j 01:48	9°♑36'41		
	-543 Feb 16 j 22:30	0°♒		
	-543 Mar 06 j 13:12	0°♓		
morning set	-543 Mar 07 j 22:26	2°♓40'09		
max. Earth dist.	-543 Mar 12 j 16:16	12°♓09'02	1.33858 AU	
superior conj	-543 Mar 16 j 02:54	19°♓18'49	0°-49'-39	
minimum elong	-543 Mar 16 j 05:15	19°♓31'12	0°49'13	
asc. node	-543 Mar 21 j 00:32	29°♓43'09		
	-543 Mar 21 j 03:42	0°♈		
evening rise	-543 Mar 23 j 11:34	4°♈54'31		
	-543 Apr 06 j 07:47	0°♉		
evening max el	-543 Apr 13 j 06:14	8°♉20'16	21°57'43	
retrograde	-543 Apr 25 j 21:07	14°♉30'23		
evening set	-543 Apr 28 j 13:46	14°♉14'15		
desc. node	-543 Apr 30 j 01:00	13°♉52'36		
inferior conj	-543 May 07 j 22:56	10°♉09'25	-2°-11'-59	
minimum elong	-543 May 07 j 17:06	10°♉17'37	2°10'06	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

min. Earth dist.	-543 May 07 j 11:40	10°♉25'15	0.55099 AU
morning rise	-543 May 16 j 21:46	6°♉13'39	
direct	-543 May 19 j 20:02	5°♉54'33	
morning max el	-543 May 31 j 20:03	11°♉32'50	21°34'06
	-543 Jun 14 j 03:20	0°♊	
asc. node	-543 Jun 16 j 23:46	5°♊20'28	
morning set	-543 Jun 21 j 05:40	13°♊53'05	
superior conj	-543 Jun 28 j 15:06	29°♊23'18	1°36'25
minimum elong	-543 Jun 28 j 12:57	29°♊12'06	1°36'14
	-543 Jun 28 j 22:09	0°♋	
max. Earth dist.	-543 Jul 02 j 10:12	7°♋10'39	1.35020 AU
evening rise	-543 Jul 06 j 22:30	16°♋02'43	
	-543 Jul 14 j 14:48	0°♌	
desc. node	-543 Jul 27 j 00:19	19°♌33'51	
	-543 Aug 03 j 20:02	0°♍	
evening max el	-543 Aug 11 j 03:40	8°♍04'58	26°47'50
retrograde	-543 Aug 24 j 05:07	15°♍21'36	
evening set	-543 Aug 30 j 21:44	12°♍37'53	
min. Earth dist.	-543 Sep 03 j 21:35	8°♍34'02	0.65725 AU
inferior conj	-543 Sep 05 j 16:26	6°♍27'44	-2°-22'-21
minimum elong	-543 Sep 05 j 19:58	6°♍17'20	2°21'04
morning rise	-543 Sep 11 j 19:27	0°♍43'59	
asc. node	-543 Sep 12 j 22:56	0°♍15'13	
	-543 Sep 14 j 06:47	30°℞♌	
direct	-543 Sep 14 j 15:31	29°♌59'16	
	-543 Sep 15 j 00:17	0°♍	
morning max el	-543 Sep 21 j 06:28	3°♍37'19	18°25'38
	-543 Oct 09 j 04:39	0°♎	
morning set	-543 Oct 10 j 19:17	2°♎36'34	
desc. node	-543 Oct 22 j 23:38	22°♎07'53	
superior conj	-543 Oct 26 j 03:59	27°♎09'24	0°-20'-41
minimum elong	-543 Oct 26 j 01:15	26°♎58'38	0°20'20
max. Earth dist.	-543 Oct 27 j 17:05	29°♎35'27	1.44993 AU
	-543 Oct 27 j 23:20	0°♏	
evening rise	-543 Nov 11 j 12:21	22°♏50'18	
	-543 Nov 16 j 01:32	0°♐	
greatest brilliancy	-543 Nov 24 j 14:46	13°♐16'54	-0.7m
evening max el	-543 Dec 04 j 12:47	26°♐31'20	19°15'23
	-543 Dec 09 j 01:57	0°♑	
asc. node	-543 Dec 09 j 22:13	0°♑19'06	
retrograde	-543 Dec 11 j 14:20	0°♑34'39	
	-543 Dec 14 j 00:51	30°℞♐	
evening set	-543 Dec 14 j 21:15	29°♐31'38	
inferior conj	-543 Dec 20 j 13:08	23°♐38'16	3°05'23
minimum elong	-543 Dec 20 j 10:19	23°♐47'16	3°04'41
min. Earth dist.	-543 Dec 21 j 21:36	21°♐54'35	0.65987 AU
morning rise	-543 Dec 25 j 22:31	17°♐25'58	
direct	-542 Jan 01 j 06:37	14°♐39'31	
morning max el	-542 Jan 13 j 22:17	22°♐07'16	26°15'17
desc. node	-542 Jan 18 j 22:52	27°♐40'03	
	-542 Jan 20 j 20:43	0°♑	
	-542 Feb 10 j 04:12	0°♒	
morning set	-542 Feb 19 j 01:18	15°♒45'05	
max. Earth dist.	-542 Feb 23 j 03:08	23°♒32'31	1.35218 AU
	-542 Feb 26 j 09:13	0°♓	
superior conj	-542 Feb 28 j 00:35	3°♓19'41	-1°-15'00
minimum elong	-542 Feb 28 j 03:57	3°♓36'54	1°14'29
evening rise	-542 Mar 07 j 19:30	19°♓25'43	
asc. node	-542 Mar 07 j 21:35	19°♓36'24	
	-542 Mar 13 j 03:16	0°♈	
evening max el	-542 Mar 26 j 09:43	19°♈27'36	20°34'13
retrograde	-542 Apr 06 j 10:07	24°♈45'20	
evening set	-542 Apr 08 j 14:30	24°♈33'44	
desc. node	-542 Apr 16 j 22:02	21°♈04'54	
inferior conj	-542 Apr 17 j 17:49	20°♈36'25	0°-14'-7
minimum elong	-542 Apr 17 j 17:10	20°♈37'22	0°13'54
transit middle	-542 Apr 17 j 17:10	20°♈37'22	0°13'54
transit begin	-542 Apr 17 j 15:12	20°♈40'13	
transit end	-542 Apr 17 j 19:07	20°♈34'32	
min. Earth dist.	-542 Apr 19 j 01:15	19°♈51'01	0.55170 AU
morning rise	-542 Apr 26 j 18:06	16°♈23'08	
direct	-542 Apr 30 j 07:49	15°♈55'30	
morning max el	-542 May 13 j 15:50	22°♈24'40	23°11'33
	-542 May 20 j 07:17	0°♉	
asc. node	-542 Jun 03 j 20:51	25°♉01'27	
morning set	-542 Jun 05 j 16:54	28°♉49'28	
	-542 Jun 06 j 06:19	0°♊	
superior conj	-542 Jun 12 j 20:34	14°♊06'29	1°22'13
minimum elong	-542 Jun 12 j 18:04	13°♊53'03	1°21'53
max. Earth dist.	-542 Jun 15 j 08:27	19°♊24'08	1.33798 AU
evening rise	-542 Jun 20 j 12:46	0°♋00'26	
	-542 Jun 20 j 12:41	0°♋	
	-542 Jul 07 j 15:56	0°♌	
desc. node	-542 Jul 13 j 21:20	8°♌54'53	
evening max el	-542 Jul 24 j 15:21	21°♌25'25	27°19'58
retrograde	-542 Aug 07 j 03:16	28°♌45'02	
evening set	-542 Aug 14 j 05:15	26°♌01'27	
min. Earth dist.	-542 Aug 17 j 22:41	22°♌34'03	0.64393 AU
inferior conj	-542 Aug 20 j 06:41	20°♌03'31	-3°-14'-9
minimum elong	-542 Aug 20 j 11:08	19°♌51'30	3°12'48
morning rise	-542 Aug 26 j 18:49	14°♌35'29	
direct	-542 Aug 29 j 09:19	14°♌00'32	
asc. node	-542 Aug 30 j 20:01	14°♌11'25	
morning max el	-542 Sep 04 j 21:34	17°♌28'03	18°00'39
	-542 Sep 13 j 23:12	0°♍	
morning set	-542 Sep 22 j 07:36	14°♍00'45	
	-542 Oct 01 j 21:00	0°♎	
superior conj	-542 Oct 05 j 15:38	6°♎09'04	0°27'30
minimum elong	-542 Oct 05 j 18:44	6°♎21'36	0°27'04
desc. node	-542 Oct 09 j 20:39	12°♎53'59	
max. Earth dist.	-542 Oct 10 j 11:27	13°♎52'49	1.44489 AU
	-542 Oct 20 j 18:42	0°♏	
evening rise	-542 Oct 22 j 01:15	1°♏57'58	
	-542 Nov 09 j 18:09	0°♐	
greatest brilliancy	-542 Nov 11 j 00:22	1°♐44'40	-0.6m
evening max el	-542 Nov 17 j 17:24	9°♐59'11	20°10'52
retrograde	-542 Nov 25 j 11:48	14°♐32'50	
asc. node	-542 Nov 26 j 19:16	14°♐23'01	
evening set	-542 Nov 29 j 03:11	13°♐15'43	
inferior conj	-542 Dec 04 j 15:13	7°♐09'18	2°27'32
minimum elong	-542 Dec 04 j 12:29	7°♐18'26	2°26'39
min. Earth dist.	-542 Dec 05 j 10:26	6°♐04'46	0.66887 AU
morning rise	-542 Dec 09 j 21:15	0°♐54'21	
	-542 Dec 11 j 00:13	30°℞♏	
direct	-542 Dec 15 j 15:08	28°♏22'58	
	-542 Dec 20 j 18:47	0°♐	
morning max el	-542 Dec 27 j 06:49	5°♐19'11	24°57'35
desc. node	-541 Jan 05 j 19:53	16°♐34'58	
	-541 Jan 15 j 08:37	0°♑	
morning set	-541 Feb 01 j 10:07	27°♑51'12	
	-541 Feb 02 j 14:52	0°♒	
max. Earth dist.	-541 Feb 05 j 03:20	4°♒35'57	1.37004 AU
superior conj	-541 Feb 11 j 12:27	16°♒46'01	-1°-37'-17
minimum elong	-541 Feb 11 j 16:13	17°♒04'30	1°36'53
	-541 Feb 18 j 03:28	0°♓	
evening rise	-541 Feb 19 j 22:15	3°♓34'57	
asc. node	-541 Feb 22 j 18:37	9°♓13'25	
	-541 Mar 07 j 20:09	0°♈	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening max el	-541 Mar 09 j 00:14	1°♈11'27	19°27'54
retrograde	-541 Mar 18 j 07:50	5°♈39'37	
evening set	-541 Mar 20 j 12:07	5°♈26'02	
inferior conj	-541 Mar 28 j 23:19	1°♈19'39	1°35'45
minimum elong	-541 Mar 29 j 02:59	1°♈13'42	1°34'35
	-541 Mar 31 j 00:26	30°℞♓	
min. Earth dist.	-541 Mar 31 j 15:43	29°♓35'46	0.56155 AU
desc. node	-541 Apr 03 j 19:05	27°♓47'18	
morning rise	-541 Apr 06 j 14:11	26°♓35'32	
direct	-541 Apr 11 j 04:29	25°♓47'44	
	-541 Apr 21 j 20:50	0°♈	
morning max el	-541 Apr 25 j 06:45	2°♈55'49	24°51'41
	-541 May 14 j 06:24	0°♉	
morning set	-541 May 21 j 04:55	13°♉48'54	
asc. node	-541 May 21 j 17:54	14°♉57'25	
superior conj	-541 May 28 j 05:58	29°♉01'07	1°03'50
minimum elong	-541 May 28 j 03:38	28°♉48'23	1°03'25
	-541 May 28 j 16:48	0°♊	
max. Earth dist.	-541 May 29 j 14:58	2°♊00'07	1.32954 AU
evening rise	-541 Jun 04 j 12:17	14°♊25'43	
	-541 Jun 12 j 14:30	0°♋	
desc. node	-541 Jun 30 j 18:22	27°♋30'32	
	-541 Jul 02 j 21:19	0°♌	
evening max el	-541 Jul 07 j 00:36	4°♌19'18	27°22'43
retrograde	-541 Jul 20 j 19:05	11°♌38'03	
evening set	-541 Jul 27 j 23:48	9°♌06'51	
min. Earth dist.	-541 Jul 31 j 13:44	6°♌09'52	0.62703 AU
inferior conj	-541 Aug 03 j 10:41	3°♌24'15	-3°-59'-2
minimum elong	-541 Aug 03 j 15:12	3°♌13'20	3°58'04
	-541 Aug 07 j 07:26	30°℞♋	
morning rise	-541 Aug 10 j 09:01	28°♋15'25	
direct	-541 Aug 12 j 20:23	27°♋47'23	
asc. node	-541 Aug 17 j 17:05	29°♋37'34	
	-541 Aug 18 j 04:39	0°♌	
morning max el	-541 Aug 19 j 12:59	1°♌12'39	17°53'40
morning set	-541 Sep 04 j 18:42	26°♌30'29	
	-541 Sep 06 j 17:50	0°♍	
superior conj	-541 Sep 16 j 04:59	16°♍26'10	1°06'04
minimum elong	-541 Sep 16 j 10:06	16°♍47'45	1°05'27
max. Earth dist.	-541 Sep 23 j 02:36	27°♍51'15	1.43317 AU
	-541 Sep 24 j 10:30	0°♎	
desc. node	-541 Sep 26 j 17:41	3°♎40'37	
evening rise	-541 Oct 01 j 08:05	10°♎54'25	
	-541 Oct 13 j 23:04	0°♏	
greatest brilliancy	-541 Oct 26 j 12:31	17°♏28'54	-0.4m
evening max el	-541 Oct 31 j 16:13	23°♏27'19	21°18'58
retrograde	-541 Nov 09 j 08:59	28°♏37'27	
evening set	-541 Nov 13 j 10:50	27°♏04'13	
asc. node	-541 Nov 13 j 16:17	26°♏53'26	
inferior conj	-541 Nov 18 j 20:43	20°♏48'11	1°42'54
minimum elong	-541 Nov 18 j 18:34	20°♏55'35	1°42'05
min. Earth dist.	-541 Nov 19 j 04:14	20°♏22'16	0.67429 AU
morning rise	-541 Nov 24 j 01:58	14°♏32'37	
direct	-541 Nov 29 j 04:25	12°♏21'57	
morning max el	-541 Dec 09 j 15:45	18°♏36'05	23°30'43
greatest brilliancy	-541 Dec 15 j 19:11	25°♏35'38	-0.2m
	-541 Dec 19 j 05:27	0°♐	
desc. node	-541 Dec 23 j 16:55	6°♐07'00	
	-540 Jan 08 j 12:03	0°♑	
morning set	-540 Jan 13 j 18:43	8°♑42'53	
max. Earth dist.	-540 Jan 17 j 22:35	15°♑52'21	1.39072 AU
superior conj	-540 Jan 25 j 10:38	29°♑27'45	-1°-53'-50
minimum elong	-540 Jan 25 j 13:34	29°♑41'30	1°53'41
	-540 Jan 25 j 17:32	0°♒	

evening rise	-540 Feb 03 j 17:14	17°♒15'29	
asc. node	-540 Feb 09 j 15:38	28°♒28'23	
	-540 Feb 10 j 12:08	0°♓	
evening max el	-540 Feb 20 j 00:30	13°♓30'22	18°41'17
retrograde	-540 Feb 27 j 23:05	17°♓22'06	
evening set	-540 Mar 01 j 07:26	17°♓03'05	
inferior conj	-540 Mar 09 j 00:17	12°♓38'40	2°54'19
minimum elong	-540 Mar 09 j 04:33	12°♓30'34	2°53'20
min. Earth dist.	-540 Mar 12 j 08:48	10°♓07'40	0.57834 AU
morning rise	-540 Mar 16 j 21:37	7°♓22'58	
desc. node	-540 Mar 20 j 16:06	6°♓11'29	
direct	-540 Mar 22 j 14:41	6°♓02'03	
morning max el	-540 Apr 05 j 22:57	13°♓34'35	26°19'24
	-540 Apr 18 j 22:38	0°♈	
morning set	-540 May 04 j 16:07	28°♈45'29	
	-540 May 05 j 06:16	0°♉	
asc. node	-540 May 07 j 14:56	5°♉03'05	
superior conj	-540 May 11 j 17:21	14°♉00'32	0°42'10
minimum elong	-540 May 11 j 15:37	13°♉50'59	0°41'49
max. Earth dist.	-540 May 12 j 02:26	14°♉50'18	1.32478 AU
evening rise	-540 May 18 j 18:03	29°♉08'50	
	-540 May 19 j 03:53	0°♊	
	-540 Jun 04 j 20:44	0°♋	
desc. node	-540 Jun 16 j 15:24	15°♋01'24	
evening max el	-540 Jun 18 j 04:47	16°♋33'58	26°52'38
retrograde	-540 Jul 02 j 03:52	23°♋50'51	
evening set	-540 Jul 09 j 01:01	21°♋46'02	
min. Earth dist.	-540 Jul 12 j 18:31	19°♋06'32	0.60738 AU
inferior conj	-540 Jul 16 j 01:01	16°♋20'56	-4°-31'-11
minimum elong	-540 Jul 16 j 04:04	16°♋14'29	4°30'52
morning rise	-540 Jul 23 j 10:13	11°♋34'05	
direct	-540 Jul 25 j 20:48	11°♋10'44	
morning max el	-540 Aug 02 j 01:46	14°♋43'10	18°05'34
asc. node	-540 Aug 03 j 14:07	16°♋18'55	
	-540 Aug 12 j 14:18	0°♌	
morning set	-540 Aug 17 j 22:37	9°♌48'18	
superior conj	-540 Aug 27 j 21:10	28°♌02'28	1°31'27
minimum elong	-540 Aug 28 j 01:08	28°♌20'06	1°31'07
	-540 Aug 28 j 23:41	0°♍	
max. Earth dist.	-540 Sep 04 j 11:53	11°♍11'55	1.41634 AU
evening rise	-540 Sep 10 j 02:45	20°♍25'05	
desc. node	-540 Sep 12 j 14:43	24°♍23'51	
	-540 Sep 16 j 04:56	0°♎	
	-540 Oct 07 j 07:55	0°♏	
greatest brilliancy	-540 Oct 08 j 13:18	1°♏30'28	-0.3m
evening max el	-540 Oct 13 j 09:23	6°♏55'57	22°35'57
retrograde	-540 Oct 23 j 04:12	12°♏44'57	
evening set	-540 Oct 27 j 18:27	10°♏54'06	
asc. node	-540 Oct 30 j 13:18	8°♏00'08	
inferior conj	-540 Nov 02 j 03:41	4°♏32'14	0°53'14
minimum elong	-540 Nov 02 j 02:28	4°♏36'25	0°52'42
min. Earth dist.	-540 Nov 02 j 00:34	4°♏43'00	0.67634 AU
	-540 Nov 05 j 16:19	30°℞♎	
morning rise	-540 Nov 07 j 10:24	28°♎18'27	
direct	-540 Nov 11 j 21:49	26°♎30'16	
	-540 Nov 19 j 01:42	0°♏	
morning max el	-540 Nov 21 j 03:59	1°♏58'24	22°04'11
greatest brilliancy	-540 Nov 25 j 21:27	7°♏18'30	-0.4m
desc. node	-540 Dec 09 j 13:57	26°♏05'22	
	-540 Dec 12 j 05:14	0°♐	
morning set	-540 Dec 23 j 22:22	18°♐10'15	
max. Earth dist.	-540 Dec 29 j 20:18	27°♐52'20	1.41164 AU
	-540 Dec 31 j 02:39	0°♑	
superior conj	-539 Jan 06 j 14:10	11°♑12'49	-2°-1'-2

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-539 Jan 06 j 14:23	11°♑13'49	2°01'03
	-539 Jan 16 j 20:57	0°♒	
evening rise	-539 Jan 17 j 01:12	0°♒19'44	
asc. node	-539 Jan 26 j 12:38	17°♒14'16	
evening max el	-539 Feb 02 j 07:53	26°♒17'32	18°14'47
retrograde	-539 Feb 09 j 08:36	29°♒48'39	
evening set	-539 Feb 11 j 21:25	29°♒22'07	
inferior conj	-539 Feb 18 j 22:03	24°♒36'36	3°37'39
minimum elong	-539 Feb 19 j 00:29	24°♒31'14	3°37'21
min. Earth dist.	-539 Feb 22 j 06:54	21°♒40'06	0.59874 AU
morning rise	-539 Feb 26 j 00:12	18°♒57'46	
direct	-539 Mar 04 j 13:43	16°♒58'38	
desc. node	-539 Mar 07 j 13:07	17°♒22'02	
morning max el	-539 Mar 18 j 20:29	24°♒44'13	27°20'24
	-539 Mar 23 j 16:19	0°♓	
	-539 Apr 12 j 04:00	0°♈	
morning set	-539 Apr 19 j 00:46	13°♈33'09	
asc. node	-539 Apr 24 j 11:58	25°♈14'02	
max. Earth dist.	-539 Apr 25 j 15:14	27°♈43'08	1.32363 AU
superior conj	-539 Apr 26 j 05:02	28°♈58'47	0°18'02
minimum elong	-539 Apr 26 j 04:14	28°♈54'22	0°17'52
	-539 Apr 26 j 16:12	0°♉	
evening rise	-539 May 03 j 03:43	14°♉02'01	
	-539 May 11 j 05:31	0°♊	
evening max el	-539 May 31 j 02:29	28°♊04'44	25°51'14
	-539 Jun 02 j 05:53	0°♋	
desc. node	-539 Jun 03 j 12:24	1°♋01'04	
retrograde	-539 Jun 14 j 03:59	5°♋17'35	
evening set	-539 Jun 20 j 04:42	3°♋50'05	
min. Earth dist.	-539 Jun 24 j 14:59	1°♋10'13	0.58681 AU
	-539 Jun 26 j 05:49	30°℞♊	
inferior conj	-539 Jun 27 j 22:14	28°♊45'06	-4°-41'-31
minimum elong	-539 Jun 27 j 21:47	28°♊45'56	4°41'31
morning rise	-539 Jul 05 j 18:36	24°♊20'48	
direct	-539 Jul 08 j 06:13	24°♊00'35	
morning max el	-539 Jul 16 j 08:54	27°♊51'27	18°37'26
	-539 Jul 18 j 09:39	0°♋	
asc. node	-539 Jul 21 j 11:11	4°♋00'46	
morning set	-539 Aug 01 j 14:40	23°♋42'26	
	-539 Aug 04 j 20:27	0°♌	
superior conj	-539 Aug 10 j 11:20	10°♌44'41	1°44'28
minimum elong	-539 Aug 10 j 13:06	10°♌52'56	1°44'25
max. Earth dist.	-539 Aug 17 j 16:00	23°♌48'41	1.39677 AU
	-539 Aug 21 j 06:06	0°♍	
evening rise	-539 Aug 21 j 20:51	1°♍02'20	
desc. node	-539 Aug 30 j 11:44	15°♍00'04	
	-539 Sep 09 j 13:40	0°♎	
evening max el	-539 Sep 25 j 22:38	20°♎27'40	23°56'17
retrograde	-539 Oct 06 j 20:07	26°♎52'23	
evening set	-539 Oct 12 j 00:23	24°♎43'20	
inferior conj	-539 Oct 17 j 10:23	18°♎19'43	0°00'01
minimum elong	-539 Oct 17 j 10:23	18°♎19'43	0°00'01
transit middle	-539 Oct 17 j 10:23	18°♎19'43	0°00'01
transit begin	-539 Oct 17 j 07:39	18°♎28'57	
transit end	-539 Oct 17 j 13:06	18°♎10'29	
min. Earth dist.	-539 Oct 16 j 20:59	19°♎05'12	0.67524 AU
asc. node	-539 Oct 17 j 10:22	18°♎19'46	
morning rise	-539 Oct 22 j 20:33	12°♎10'25	
direct	-539 Oct 26 j 18:19	10°♎43'49	
morning max el	-539 Nov 03 j 22:37	15°♎29'27	20°45'23
greatest brilliancy	-539 Nov 09 j 20:48	22°♎27'56	-0.5m
	-539 Nov 15 j 08:53	0°♏	
desc. node	-539 Nov 26 j 11:00	16°♏22'38	
morning set	-539 Dec 03 j 01:12	26°♏30'37	
	-539 Dec 05 j 06:46	0°♐	
max. Earth dist.	-539 Dec 12 j 01:20	10°♐48'03	1.42996 AU
superior conj	-539 Dec 18 j 17:39	21°♐48'59	-1°-54'-25
minimum elong	-539 Dec 18 j 13:21	21°♐30'56	1°54'14
	-539 Dec 23 j 13:00	0°♑	
evening rise	-539 Dec 30 j 18:14	12°♑39'35	
	-538 Jan 09 j 19:08	0°♒	
asc. node	-538 Jan 13 j 09:40	5°♒21'53	
evening max el	-538 Jan 16 j 19:20	9°♒24'17	18°07'56
retrograde	-538 Jan 23 j 09:03	12°♒49'26	
evening set	-538 Jan 26 j 02:03	12°♒14'10	
inferior conj	-538 Feb 01 j 13:47	7°♒07'09	3°52'00
minimum elong	-538 Feb 01 j 13:54	7°♒06'51	3°51'59
min. Earth dist.	-538 Feb 04 j 12:28	4°♒10'13	0.61947 AU
morning rise	-538 Feb 07 j 23:26	1°♒13'30	
	-538 Feb 09 j 23:01	30°℞♑	
direct	-538 Feb 14 j 22:44	28°♑43'06	
	-538 Feb 20 j 05:40	0°♒	
desc. node	-538 Feb 22 j 10:11	1°♒11'31	
morning max el	-538 Mar 01 j 00:00	6°♒33'45	27°46'09
	-538 Mar 18 j 18:38	0°♓	
morning set	-538 Apr 03 j 04:49	28°♓03'41	
	-538 Apr 04 j 03:31	0°♈	
max. Earth dist.	-538 Apr 09 j 01:30	10°♈23'57	1.32624 AU
superior conj	-538 Apr 10 j 15:18	13°♈48'46	0°-7'-48
minimum elong	-538 Apr 10 j 15:40	13°♈50'44	0°07'43
behind sun begin	-538 Apr 10 j 11:09	13°♈26'14	
behind sun end	-538 Apr 10 j 20:10	14°♈15'15	
asc. node	-538 Apr 11 j 09:00	15°♈25'08	
evening rise	-538 Apr 17 j 15:16	28°♈56'59	
	-538 Apr 18 j 03:13	0°♉	
	-538 May 05 j 03:10	0°♊	
evening max el	-538 May 12 j 18:32	8°♊56'31	24°26'12
desc. node	-538 May 21 j 09:26	14°♊53'42	
retrograde	-538 May 26 j 16:32	15°♊57'45	
evening set	-538 May 31 j 09:39	15°♊07'59	
min. Earth dist.	-538 Jun 06 j 06:02	12°♊11'22	0.56820 AU
inferior conj	-538 Jun 08 j 23:30	10°♊27'02	-4°-17'-52
minimum elong	-538 Jun 08 j 18:30	10°♊35'04	4°17'07
morning rise	-538 Jun 17 j 07:09	6°♊22'29	
direct	-538 Jun 19 j 21:17	6°♊04'11	
morning max el	-538 Jun 29 j 07:20	10°♊26'41	19°30'17
asc. node	-538 Jul 08 j 08:16	22°♊28'39	
	-538 Jul 12 j 12:34	0°♋	
morning set	-538 Jul 16 j 15:14	8°♋02'56	
superior conj	-538 Jul 24 j 17:50	24°♋16'25	1°47'21
minimum elong	-538 Jul 24 j 17:34	24°♋15'08	1°47'21
	-538 Jul 27 j 16:40	0°♌	
max. Earth dist.	-538 Jul 30 j 19:09	5°♌50'52	1.37691 AU
evening rise	-538 Aug 03 j 15:37	12°♌50'15	
	-538 Aug 13 j 21:10	0°♍	
desc. node	-538 Aug 17 j 08:46	5°♍24'34	
	-538 Sep 04 j 14:25	0°♎	
evening max el	-538 Sep 08 j 10:17	4°♎03'25	25°13'00
retrograde	-538 Sep 20 j 07:44	10°♎55'51	
evening set	-538 Sep 26 j 02:55	8°♎29'45	
min. Earth dist.	-538 Sep 30 j 15:00	3°♎26'59	0.67095 AU
inferior conj	-538 Oct 01 j 15:05	2°♎08'24	0°-55'-13
minimum elong	-538 Oct 01 j 16:27	2°♎03'55	0°54'40
	-538 Oct 03 j 07:17	30°℞♍	
asc. node	-538 Oct 04 j 07:26	28°♍48'38	
morning rise	-538 Oct 07 j 06:31	26°♍06'40	
direct	-538 Oct 10 j 16:34	24°♍59'03	
morning max el	-538 Oct 18 j 00:56	29°♍10'37	19°39'04
	-538 Oct 18 j 19:49	0°♎	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

greatest brilliancy	-538 Oct 26 j 08:34	9°♎40'04	-0.6m	
	-538 Nov 08 j 21:11	0°♏		
morning set	-538 Nov 11 j 23:04	4°♏45'25		
desc. node	-538 Nov 13 j 08:03	6°♏53'14		
max. Earth dist.	-538 Nov 24 j 14:06	24°♏31'37	1.44314 AU	
	-538 Nov 28 j 00:26	0°♐		
superior conj	-538 Nov 28 j 18:12	1°♐11'19	-1°-30'-10	
minimum elong	-538 Nov 28 j 10:13	0°♐39'16	1°29'26	
evening rise	-538 Dec 12 j 15:59	24°♐07'08		
	-538 Dec 16 j 03:35	0°♑		
asc. node	-538 Dec 31 j 06:43	22°♑39'58		
evening max el	-538 Dec 31 j 07:57	22°♑43'04	18°20'04	
retrograde	-537 Jan 06 j 20:07	26°♑15'03		
evening set	-537 Jan 09 j 17:34	25°♑30'03		
inferior conj	-537 Jan 15 j 19:34	20°♑02'51	3°45'08	
minimum elong	-537 Jan 15 j 17:56	20°♑07'27	3°44'58	
min. Earth dist.	-537 Jan 18 j 03:30	17°♑25'48	0.63799 AU	
morning rise	-537 Jan 21 j 16:45	13°♑59'32		
direct	-537 Jan 28 j 15:33	11°♑11'48		
desc. node	-537 Feb 09 j 07:13	17°♑05'32		
morning max el	-537 Feb 11 j 07:58	19°♑01'04	27°35'14	
	-537 Feb 20 j 16:18	0°♒		
	-537 Mar 11 j 16:25	0°♓		
morning set	-537 Mar 18 j 01:50	12°♓09'19		
max. Earth dist.	-537 Mar 23 j 05:28	22°♓40'52	1.33289 AU	
superior conj	-537 Mar 25 j 22:22	28°♓24'41	0°-34'-24	
minimum elong	-537 Mar 26 j 00:01	28°♓33'27	0°34'04	
	-537 Mar 26 j 16:11	0°♈		
asc. node	-537 Mar 29 j 06:04	5°♈32'34		
evening rise	-537 Apr 02 j 02:53	13°♈47'38		
	-537 Apr 10 j 08:51	0°♉		
evening max el	-537 Apr 24 j 09:47	19°♉31'21	22°51'04	
retrograde	-537 May 07 j 16:14	26°♉05'37		
desc. node	-537 May 08 j 06:28	26°♉04'50		
evening set	-537 May 10 j 23:57	25°♉41'28		
min. Earth dist.	-537 May 18 j 18:46	22°♉15'39	0.55498 AU	
inferior conj	-537 May 20 j 05:40	21°♉25'27	-3°-10'-2	
minimum elong	-537 May 19 j 22:35	21°♉35'40	3°08'06	
morning rise	-537 May 28 j 23:59	17°♉31'34		
direct	-537 May 31 j 18:11	17°♉13'42		
morning max el	-537 Jun 11 j 19:02	22°♉21'07	20°43'46	
	-537 Jun 18 j 06:22	0°♊		
asc. node	-537 Jun 25 j 05:20	11°♊31'29		
morning set	-537 Jun 30 j 21:35	22°♊42'11		
	-537 Jul 04 j 10:17	0°♋		
superior conj	-537 Jul 08 j 11:57	8°♋24'10	1°42'16	
minimum elong	-537 Jul 08 j 10:18	8°♋15'43	1°42'10	
max. Earth dist.	-537 Jul 13 j 03:02	17°♋40'38	1.35899 AU	
evening rise	-537 Jul 17 j 07:05	25°♋38'50		
	-537 Jul 19 j 15:56	0°♌		
desc. node	-537 Aug 04 j 05:48	25°♌31'14		
	-537 Aug 07 j 08:33	0°♍		
evening max el	-537 Aug 21 j 21:54	17°♍39'27	26°18'22	
retrograde	-537 Sep 03 j 14:29	24°♍49'49		
evening set	-537 Sep 10 j 00:03	22°♍10'23		
min. Earth dist.	-537 Sep 14 j 04:09	17°♍45'05	0.66331 AU	
inferior conj	-537 Sep 15 j 15:53	15°♍55'12	-1°-50'-54	
minimum elong	-537 Sep 15 j 18:40	15°♍46'38	1°49'48	
asc. node	-537 Sep 21 j 04:31	10°♍18'59		
morning rise	-537 Sep 21 j 14:15	10°♍04'11		
direct	-537 Sep 24 j 14:47	9°♍12'09		
morning max el	-537 Oct 01 j 10:04	12°♍59'33	18°47'47	
	-537 Oct 13 j 18:33	0°♎		
morning set	-537 Oct 22 j 15:23	14°♎00'09		
desc. node	-537 Oct 31 j 05:05	27°♎32'32		
	-537 Nov 01 j 18:33	0°♏		
superior conj	-537 Nov 07 j 22:03	9°♏39'54	0°-48'-56	
minimum elong	-537 Nov 07 j 15:52	9°♏15'33	0°48'10	
max. Earth dist.	-537 Nov 07 j 07:43	8°♏43'33	1.44959 AU	
	-537 Nov 20 j 17:53	0°♐		
evening rise	-537 Nov 23 j 14:38	4°♐35'49		
	-537 Dec 09 j 20:07	0°♑		
evening max el	-537 Dec 14 j 19:02	6°♑07'33	18°50'16	
asc. node	-537 Dec 18 j 03:47	8°♑54'04		
retrograde	-537 Dec 21 j 13:42	9°♑57'01		
evening set	-537 Dec 24 j 16:41	9°♑01'02		
inferior conj	-537 Dec 30 j 11:35	3°♑16'10	3°23'09	
minimum elong	-537 Dec 30 j 08:59	3°♑24'08	3°22'39	
min. Earth dist.	-536 Jan 01 j 04:14	1°♑11'18	0.65300 AU	
	-536 Jan 02 j 04:20	30°♑℞♐		
morning rise	-536 Jan 05 j 00:16	27°♐06'17		
direct	-536 Jan 11 j 15:01	24°♐15'55		
	-536 Jan 22 j 17:27	0°♑		
morning max el	-536 Jan 24 j 17:46	1°♑55'19	26°51'54	
desc. node	-536 Jan 27 j 04:16	4°♑29'12		
	-536 Feb 14 j 20:04	0°♒		
morning set	-536 Feb 29 j 12:30	25°♒39'39		
	-536 Mar 02 j 18:13	0°♓		
max. Earth dist.	-536 Mar 04 j 23:24	4°♓24'17	1.34386 AU	
superior conj	-536 Mar 09 j 00:09	12°♓39'52	-1°00'-39	
minimum elong	-536 Mar 09 j 02:59	12°♓54'37	1°00'10	
asc. node	-536 Mar 15 j 03:07	25°♓32'01		
evening rise	-536 Mar 16 j 12:43	28°♓27'22		
	-536 Mar 17 j 06:37	0°♈		
	-536 Apr 04 j 23:12	0°♉		
evening max el	-536 Apr 05 j 07:11	0°♉19'29	21°20'18	
retrograde	-536 Apr 17 j 06:52	6°♉08'38		
evening set	-536 Apr 19 j 16:21	5°♉55'28		
desc. node	-536 Apr 24 j 03:28	4°♉28'49		
inferior conj	-536 Apr 29 j 00:42	1°♉55'33	-1°-23'-9	
minimum elong	-536 Apr 28 j 20:48	2°♉01'02	1°21'48	
min. Earth dist.	-536 Apr 29 j 07:42	1°♉45'42	0.55006 AU	
	-536 May 02 j 13:44	30°℞♈		
morning rise	-536 May 08 j 01:24	27°♈54'57		
direct	-536 May 11 j 04:47	27°♈33'30		
	-536 May 19 j 05:15	0°♉		
morning max el	-536 May 23 j 20:02	3°♉33'49	22°14'36	
	-536 Jun 10 j 14:08	0°♊		
asc. node	-536 Jun 11 j 02:24	1°♊00'37		
morning set	-536 Jun 14 j 07:34	7°♊34'09		
superior conj	-536 Jun 21 j 14:07	22°♊57'21	1°30'59	
minimum elong	-536 Jun 21 j 11:45	22°♊44'50	1°30'44	
	-536 Jun 24 j 23:18	0°♋		
max. Earth dist.	-536 Jun 24 j 19:36	29°♊41'01	1.34444 AU	
evening rise	-536 Jun 29 j 14:18	9°♋15'06		
	-536 Jul 11 j 03:32	0°♌		
desc. node	-536 Jul 21 j 02:50	15°♌12'15		
	-536 Aug 02 j 05:57	0°♍		
evening max el	-536 Aug 03 j 09:39	1°♍08'17	27°04'42	
retrograde	-536 Aug 16 j 16:03	8°♍27'25		
evening set	-536 Aug 23 j 13:24	5°♍42'02		
min. Earth dist.	-536 Aug 27 j 10:11	1°♍54'25	0.65203 AU	
inferior conj	-536 Aug 29 j 10:41	29°♌36'41	-2°-44'-53	
minimum elong	-536 Aug 29 j 14:40	29°♌25'20	2°43'31	
	-536 Aug 29 j 02:30	30°℞♌		
morning rise	-536 Sep 04 j 17:28	23°♌59'32		
direct	-536 Sep 07 j 10:49	23°♌19'27		
asc. node	-536 Sep 07 j 01:34	23°♌20'15		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning max el	-536 Sep 13 j 23:50	26°♌51'54	18°12'57
	-536 Sep 16 j 17:27	0°♍	
morning set	-536 Oct 02 j 12:04	24°♍39'10	
	-536 Oct 05 j 18:01	0°♎	
superior conj	-536 Oct 17 j 00:43	18°♎11'49	0°00'24
minimum elong	-536 Oct 17 j 00:46	18°♎11'59	0°00'23
behind sun begin	-536 Oct 16 j 13:49	17°♎28'32	
behind sun end	-536 Oct 17 j 11:42	18°♎55'23	
desc. node	-536 Oct 17 j 02:10	18°♎17'33	
max. Earth dist.	-536 Oct 20 j 02:24	23°♎03'13	1.44868 AU
	-536 Oct 24 j 12:32	0°♏	
evening rise	-536 Nov 02 j 14:03	14°♏08'11	
	-536 Nov 12 j 20:10	0°♐	
greatest brilliancy	-536 Nov 18 j 22:01	9°♐04'50	-0.7m
evening max el	-536 Nov 27 j 02:26	19°♐34'37	19°37'06
retrograde	-536 Dec 04 j 10:34	23°♐50'23	
asc. node	-536 Dec 04 j 00:49	23°♐49'27	
evening set	-536 Dec 07 j 20:45	22°♐41'42	
inferior conj	-536 Dec 13 j 10:46	16°♐42'10	2°50'16
minimum elong	-536 Dec 13 j 07:55	16°♐51'29	2°49'29
min. Earth dist.	-536 Dec 14 j 13:24	15°♐15'00	0.66418 AU
morning rise	-536 Dec 18 j 18:22	10°♐28'12	
direct	-536 Dec 24 j 20:34	7°♐47'13	
morning max el	-535 Jan 06 j 03:03	15°♐03'52	25°43'53
desc. node	-535 Jan 13 j 01:19	22°♐56'32	
	-535 Jan 18 j 10:08	0°♑	
	-535 Feb 06 j 15:59	0°♒	
morning set	-535 Feb 11 j 08:25	8°♒21'26	
max. Earth dist.	-535 Feb 15 j 05:17	15°♒35'39	1.35930 AU
superior conj	-535 Feb 20 j 18:02	26°♒26'32	-1°-24'-59
minimum elong	-535 Feb 20 j 21:41	26°♒44'52	1°24'30
	-535 Feb 22 j 12:17	0°♓	
evening rise	-535 Feb 28 j 18:43	12°♓49'33	
asc. node	-535 Mar 02 j 00:09	15°♓18'38	
	-535 Mar 09 j 20:36	0°♈	
evening max el	-535 Mar 18 j 15:16	11°♈41'22	20°03'41
retrograde	-535 Mar 28 j 22:16	16°♈37'15	
evening set	-535 Mar 31 j 01:19	16°♈25'32	
inferior conj	-535 Apr 08 j 22:32	12°♈26'04	0°35'19
minimum elong	-535 Apr 09 j 00:06	12°♈23'42	0°34'47
min. Earth dist.	-535 Apr 10 j 21:51	11°♈14'50	0.55476 AU
desc. node	-535 Apr 11 j 00:29	11°♈10'56	
morning rise	-535 Apr 17 j 20:03	8°♈00'10	
direct	-535 Apr 21 j 19:06	7°♈25'43	
morning max el	-535 May 05 j 13:10	14°♈14'09	23°54'47
	-535 May 17 j 19:23	0°♉	
asc. node	-535 May 28 j 23:26	20°♉48'18	
morning set	-535 May 29 j 19:18	22°♉32'08	
	-535 Jun 02 j 07:14	0°♊	
superior conj	-535 Jun 05 j 21:30	7°♊46'12	1°14'53
minimum elong	-535 Jun 05 j 19:00	7°♊32'44	1°14'30
max. Earth dist.	-535 Jun 07 j 21:22	12°♊02'52	1.33382 AU
evening rise	-535 Jun 13 j 08:52	23°♊25'32	
	-535 Jun 16 j 17:09	0°♋	
	-535 Jul 04 j 19:42	0°♌	
desc. node	-535 Jul 07 j 23:51	4°♌15'51	
evening max el	-535 Jul 16 j 20:24	14°♌18'14	27°25'03
retrograde	-535 Jul 30 j 11:51	21°♌38'46	
evening set	-535 Aug 06 j 15:53	18°♌58'38	
min. Earth dist.	-535 Aug 10 j 07:10	15°♌45'17	0.63708 AU
inferior conj	-535 Aug 12 j 20:54	13°♌06'35	-3°-34'-19
minimum elong	-535 Aug 13 j 01:32	12°♌54'38	3°33'06
morning rise	-535 Aug 19 j 13:17	7°♌46'26	
direct	-535 Aug 22 j 02:01	7°♌14'54	

asc. node	-535 Aug 24 j 22:37	7°♌55'34	
morning max el	-535 Aug 28 j 15:25	10°♌40'44	17°55'26
	-535 Sep 10 j 15:56	0°♍	
morning set	-535 Sep 14 j 10:48	6°♍32'56	
superior conj	-535 Sep 26 j 22:26	27°♍42'07	0°45'22
minimum elong	-535 Sep 27 j 02:54	28°♍00'30	0°44'46
	-535 Sep 28 j 08:05	0°♎	
max. Earth dist.	-535 Oct 02 j 19:06	7°♎12'13	1.44062 AU
desc. node	-535 Oct 03 j 23:11	9°♎04'12	
evening rise	-535 Oct 12 j 22:07	23°♎05'03	
	-535 Oct 17 j 10:27	0°♏	
greatest brilliancy	-535 Nov 04 j 06:27	25°♏58'00	-0.5m
	-535 Nov 07 j 11:10	0°♐	
evening max el	-535 Nov 10 j 04:39	3°♐02'47	20°38'28
retrograde	-535 Nov 18 j 08:09	7°♐51'36	
asc. node	-535 Nov 20 j 21:50	7°♐13'58	
evening set	-535 Nov 22 j 03:38	6°♐28'06	
inferior conj	-535 Nov 27 j 14:35	0°♐17'16	2°09'22
minimum elong	-535 Nov 27 j 12:03	0°♐25'53	2°08'28
	-535 Nov 27 j 19:39	30°℞♏	
min. Earth dist.	-535 Nov 28 j 04:45	29°♏29'01	0.67161 AU
morning rise	-535 Dec 02 j 19:59	24°♏01'33	
direct	-535 Dec 08 j 07:22	21°♏38'15	
morning max el	-535 Dec 19 j 11:24	28°♏18'03	24°21'03
	-535 Dec 21 j 02:23	0°♐	
desc. node	-535 Dec 30 j 22:22	12°♐09'09	
	-534 Jan 12 j 04:11	0°♑	
morning set	-534 Jan 24 j 07:48	19°♑58'37	
max. Earth dist.	-534 Jan 28 j 02:02	26°♑38'38	1.37859 AU
	-534 Jan 29 j 22:15	0°♒	
superior conj	-534 Feb 04 j 00:42	9°♒35'56	-1°-45'-13
minimum elong	-534 Feb 04 j 04:18	9°♒53'16	1°44'54
evening rise	-534 Feb 12 j 18:32	26°♒47'42	
	-534 Feb 14 j 09:37	0°♓	
asc. node	-534 Feb 16 j 21:11	4°♓47'15	
evening max el	-534 Mar 01 j 10:23	23°♓41'50	19°05'40
retrograde	-534 Mar 10 j 02:33	27°♓52'09	
evening set	-534 Mar 12 j 08:25	27°♓36'36	
inferior conj	-534 Mar 20 j 11:48	23°♓23'41	2°13'29
minimum elong	-534 Mar 20 j 16:10	23°♓16'08	2°12'15
min. Earth dist.	-534 Mar 23 j 13:28	21°♓17'25	0.56802 AU
morning rise	-534 Mar 28 j 19:48	18°♓25'27	
desc. node	-534 Mar 28 j 21:30	18°♓23'48	
direct	-534 Apr 02 j 22:02	17°♓24'32	
morning max el	-534 Apr 17 j 03:52	24°♓45'09	25°31'21
	-534 Apr 21 j 23:48	0°♈	
	-534 May 10 j 15:10	0°♉	
morning set	-534 May 14 j 07:09	7°♉30'52	
asc. node	-534 May 15 j 20:29	10°♉48'59	
superior conj	-534 May 21 j 07:58	22°♉43'41	0°54'59
minimum elong	-534 May 21 j 05:50	22°♉32'01	0°54'36
max. Earth dist.	-534 May 22 j 06:20	24°♉45'46	1.32708 AU
	-534 May 24 j 16:22	0°♊	
evening rise	-534 May 28 j 11:23	7°♊59'40	
	-534 Jun 09 j 03:55	0°♋	
desc. node	-534 Jun 24 j 20:50	22°♋26'26	
evening max el	-534 Jun 29 j 03:58	26°♋57'02	27°14'05
	-534 Jul 02 j 17:06	0°♌	
retrograde	-534 Jul 13 j 00:53	4°♌14'53	
evening set	-534 Jul 20 j 03:36	1°♌53'35	
	-534 Jul 22 j 16:32	30°℞♋	
min. Earth dist.	-534 Jul 23 j 18:00	29°♋05'37	0.61891 AU
inferior conj	-534 Jul 26 j 19:31	26°♋17'59	-4°-14'-42
minimum elong	-534 Jul 26 j 23:39	26°♋08'32	4°14'01

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning rise	-534 Aug 02 j 22:23	21°♋17'54	
direct	-534 Aug 05 j 09:05	20°♋52'07	
asc. node	-534 Aug 11 j 19:40	23°♋54'58	
morning max el	-534 Aug 12 j 06:00	24°♋19'33	17°56'17
	-534 Aug 16 j 20:44	0°♌	
morning set	-534 Aug 28 j 05:41	19°♌24'30	
	-534 Sep 03 j 02:35	0°♍	
superior conj	-534 Sep 07 j 23:27	8°♍32'57	1°18'27
minimum elong	-534 Sep 08 j 04:19	8°♍54'02	1°17'57
max. Earth dist.	-534 Sep 15 j 07:47	20°♍55'25	1.42654 AU
desc. node	-534 Sep 20 j 20:12	29°♍49'32	
	-534 Sep 20 j 22:50	0°♎	
evening rise	-534 Sep 22 j 07:53	2°♎10'23	
	-534 Oct 10 j 22:56	0°♏	
greatest brilliancy	-534 Oct 19 j 05:53	11°♏03'42	-0.4m
evening max el	-534 Oct 24 j 01:05	16°♏31'19	21°51'02
retrograde	-534 Nov 02 j 04:34	21°♏57'32	
evening set	-534 Nov 06 j 11:28	20°♏17'04	
asc. node	-534 Nov 07 j 18:52	19°♏05'56	
inferior conj	-534 Nov 11 j 20:55	13°♏58'21	1°22'24
minimum elong	-534 Nov 11 j 19:07	14°♏04'33	1°21'39
min. Earth dist.	-534 Nov 11 j 23:53	13°♏48'05	0.67557 AU
morning rise	-534 Nov 17 j 02:32	7°♏43'19	
direct	-534 Nov 21 j 22:37	5°♏41'55	
morning max el	-534 Dec 01 j 21:07	11°♏36'04	22°53'22
greatest brilliancy	-534 Dec 06 j 14:32	16°♏53'21	-0.3m
	-534 Dec 16 j 11:33	0°♐	
desc. node	-534 Dec 17 j 19:25	1°♐53'32	
morning set	-533 Jan 05 j 04:22	0°♑14'28	
	-533 Jan 05 j 00:52	0°♑	
max. Earth dist.	-533 Jan 09 j 21:32	8°♑10'58	1.39981 AU
superior conj	-533 Jan 17 j 15:40	21°♑55'39	-1°-58'-18
minimum elong	-533 Jan 17 j 17:43	22°♑05'01	1°58'14
	-533 Jan 22 j 00:03	0°♒	
evening rise	-533 Jan 27 j 09:16	10°♒13'49	
asc. node	-533 Feb 03 j 18:12	23°♒50'48	
	-533 Feb 07 j 13:32	0°♓	
evening max el	-533 Feb 12 j 14:08	6°♓14'06	18°27'33
retrograde	-533 Feb 20 j 01:45	9°♓54'47	
evening set	-533 Feb 22 j 12:13	9°♓32'36	
inferior conj	-533 Mar 01 j 21:46	4°♓59'14	3°16'44
minimum elong	-533 Mar 02 j 01:26	4°♓51'49	3°16'03
min. Earth dist.	-533 Mar 05 j 08:04	2°♓14'37	0.58687 AU
	-533 Mar 08 j 15:12	30°♑♒	
morning rise	-533 Mar 09 j 10:53	29°♒32'56	
direct	-533 Mar 15 j 14:00	27°♒55'42	
desc. node	-533 Mar 15 j 18:32	27°♒55'48	
	-533 Mar 22 j 17:46	0°♓	
morning max el	-533 Mar 29 j 21:49	5°♓33'57	26°49'13
	-533 Apr 16 j 22:36	0°♈	
morning set	-533 Apr 28 j 17:29	22°♈23'59	
	-533 May 02 j 07:01	0°♉	
asc. node	-533 May 02 j 17:31	0°♉57'04	
superior conj	-533 May 05 j 19:40	7°♉42'49	0°32'11
minimum elong	-533 May 05 j 18:18	7°♉35'15	0°31'54
max. Earth dist.	-533 May 05 j 18:57	7°♉38'51	1.32392 AU
evening rise	-533 May 12 j 19:06	22°♉47'50	
	-533 May 16 j 07:39	0°♊	
	-533 Jun 03 j 10:09	0°♋	
evening max el	-533 Jun 11 j 05:41	8°♋53'26	26°30'04
desc. node	-533 Jun 11 j 17:50	9°♋21'59	
retrograde	-533 Jun 25 j 05:50	16°♋08'04	
evening set	-533 Jul 01 j 20:02	14°♋18'26	
min. Earth dist.	-533 Jul 05 j 18:52	11°♋41'04	0.59862 AU
inferior conj	-533 Jul 09 j 03:01	9°♋01'53	-4°-38'-56
minimum elong	-533 Jul 09 j 04:49	8°♋58'17	4°38'51
morning rise	-533 Jul 16 j 16:54	4°♋24'27	
direct	-533 Jul 19 j 03:53	4°♋02'26	
morning max el	-533 Jul 26 j 16:41	7°♋41'03	18°16'37
asc. node	-533 Jul 29 j 16:44	11°♋03'32	
	-533 Aug 10 j 01:22	0°♌	
morning set	-533 Aug 11 j 15:18	2°♌59'14	
superior conj	-533 Aug 21 j 01:41	20°♌39'04	1°38'22
minimum elong	-533 Aug 21 j 04:44	20°♌53'00	1°38'10
	-533 Aug 26 j 07:36	0°♍	
max. Earth dist.	-533 Aug 28 j 15:11	3°♍59'40	1.40822 AU
evening rise	-533 Sep 02 j 11:48	12°♍07'13	
desc. node	-533 Sep 07 j 17:13	20°♍30'13	
	-533 Sep 13 j 21:46	0°♎	
greatest brilliancy	-533 Sep 30 j 21:10	23°♎28'53	-0.2m
evening max el	-533 Oct 06 j 16:25	0°♏01'23	23°10'07
	-533 Oct 06 j 15:52	0°♏	
retrograde	-533 Oct 16 j 22:24	6°♏05'43	
evening set	-533 Oct 21 j 18:36	4°♏06'57	
	-533 Oct 25 j 11:54	30°℞♎	
asc. node	-533 Oct 25 j 15:54	29°♎46'44	
inferior conj	-533 Oct 27 j 03:59	27°♎44'00	0°31'02
minimum elong	-533 Oct 27 j 03:15	27°♎46'30	0°30'42
min. Earth dist.	-533 Oct 26 j 20:27	28°♎09'53	0.67627 AU
morning rise	-533 Nov 01 j 11:57	21°♎32'04	
direct	-533 Nov 05 j 17:24	19°♎53'19	
morning max el	-533 Nov 14 j 11:50	25°♎02'01	21°29'30
	-533 Nov 18 j 21:21	0°♏	
greatest brilliancy	-533 Nov 19 j 13:49	0°♏51'01	-0.4m
desc. node	-533 Dec 04 j 16:29	22°♏00'55	
	-533 Dec 09 j 23:08	0°♐	
morning set	-533 Dec 15 j 20:08	9°♐08'53	
max. Earth dist.	-533 Dec 22 j 22:46	20°♐37'27	1.41997 AU
	-533 Dec 28 j 12:47	0°♑	
superior conj	-533 Dec 30 j 09:38	3°♑12'59	-2°00'-11
minimum elong	-533 Dec 30 j 08:05	3°♑06'18	2°00'11
evening rise	-532 Jan 10 j 11:28	23°♑00'37	
	-532 Jan 14 j 07:48	0°♒	
asc. node	-532 Jan 21 j 15:13	12°♒21'39	
evening max el	-532 Jan 26 j 23:35	19°♒10'19	18°09'23
retrograde	-532 Feb 02 j 18:22	22°♒37'24	
evening set	-532 Feb 05 j 08:58	22°♒07'14	
inferior conj	-532 Feb 12 j 03:41	17°♒12'05	3°46'46
minimum elong	-532 Feb 12 j 05:06	17°♒08'45	3°46'39
min. Earth dist.	-532 Feb 15 j 08:55	14°♒12'45	0.60775 AU
morning rise	-532 Feb 18 j 22:22	11°♒26'00	
direct	-532 Feb 25 j 17:12	9°♒12'34	
desc. node	-532 Mar 01 j 15:36	10°♒17'08	
morning max el	-532 Mar 10 j 22:09	17°♒00'31	27°35'54
	-532 Mar 21 j 16:32	0°♓	
	-532 Apr 08 j 11:57	0°♈	
morning set	-532 Apr 12 j 00:28	7°♈05'10	
max. Earth dist.	-532 Apr 18 j 07:21	20°♈28'52	1.32433 AU
asc. node	-532 Apr 18 j 14:34	21°♈08'15	
superior conj	-532 Apr 19 j 06:58	22°♈37'51	0°07'14
minimum elong	-532 Apr 19 j 06:38	22°♈36'03	0°07'10
behind sun begin	-532 Apr 19 j 02:06	22°♈11'16	
behind sun end	-532 Apr 19 j 11:10	23°♈00'50	
	-532 Apr 22 j 15:49	0°♉	
evening rise	-532 Apr 26 j 05:50	7°♉42'20	
	-532 May 07 j 22:02	0°♊	
evening max el	-532 May 23 j 00:28	20°♊04'52	25°17'05
desc. node	-532 May 28 j 14:51	24°♊31'59	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-532 Jun 06	j 01:10	27°♊14'16	
evening set	-532 Jun 11	j 13:44	26°♊03'17	
min. Earth dist.	-532 Jun 16	j 12:14	23°♊18'19	0.57845 AU
inferior conj	-532 Jun 19	j 15:52	21°♊08'13	-4°-36'-25
minimum elong	-532 Jun 19	j 13:28	21°♊12'23	4°36'15
morning rise	-532 Jun 27	j 17:05	16°♊53'22	
direct	-532 Jun 30	j 05:47	16°♊34'02	
morning max el	-532 Jul 08	j 20:27	20°♊36'12	18°57'27
asc. node	-532 Jul 15	j 13:49	29°♊06'09	
	-532 Jul 16	j 03:28	0°♋	
morning set	-532 Jul 25	j 11:20	17°♋05'21	
	-532 Aug 01	j 00:57	0°♌	
superior conj	-532 Aug 02	j 23:28	3°♌44'15	1°46'48
minimum elong	-532 Aug 03	j 00:18	3°♌48'16	1°46'47
max. Earth dist.	-532 Aug 09	j 18:21	16°♌20'01	1.38813 AU
evening rise	-532 Aug 13	j 16:36	23°♌14'25	
	-532 Aug 17	j 16:40	0°♍	
desc. node	-532 Aug 24	j 14:14	11°♍01'49	
	-532 Sep 06	j 17:59	0°♎	
evening max el	-532 Sep 18	j 04:32	13°♎33'57	24°29'47
retrograde	-532 Sep 29	j 12:39	20°♎12'00	
evening set	-532 Oct 04	j 23:19	17°♎55'06	
min. Earth dist.	-532 Oct 09	j 16:04	12°♎31'56	0.67379 AU
inferior conj	-532 Oct 10	j 10:02	11°♎31'49	0°-23'-16
minimum elong	-532 Oct 10	j 10:36	11°♎29'55	0°23'02
asc. node	-532 Oct 11	j 12:59	10°♎02'31	
morning rise	-532 Oct 15	j 22:14	5°♎25'36	
direct	-532 Oct 19	j 14:42	4°♎07'39	
morning max el	-532 Oct 27	j 09:51	8°♎37'44	20°15'32
greatest brilliancy	-532 Nov 03	j 03:45	16°♎46'28	-0.6m
	-532 Nov 12	j 08:59	0°♏	
desc. node	-532 Nov 20	j 13:32	12°♏24'12	
morning set	-532 Nov 23	j 17:42	17°♏17'35	
	-532 Dec 01	j 20:22	0°♐	
max. Earth dist.	-532 Dec 04	j 07:16	3°♐55'02	1.43626 AU
superior conj	-532 Dec 10	j 01:34	13°♐16'34	-1°-46'-24
minimum elong	-532 Dec 09	j 19:19	12°♐50'52	1°46'00
	-532 Dec 19	j 23:40	0°♑	
evening rise	-532 Dec 22	j 20:50	4°♑59'10	
	-531 Jan 07	j 09:06	0°♒	
asc. node	-531 Jan 07	j 12:16	0°♒09'44	
evening max el	-531 Jan 09	j 11:48	2°♒22'38	18°10'47
retrograde	-531 Jan 15	j 23:59	5°♒49'40	
evening set	-531 Jan 18	j 18:40	5°♒10'32	
	-531 Jan 24	j 23:54	30°℞♑	
inferior conj	-531 Jan 25	j 01:54	29°♑54'41	3°51'15
minimum elong	-531 Jan 25	j 01:11	29°♑56'35	3°51'13
min. Earth dist.	-531 Jan 27	j 18:35	27°♑03'58	0.62766 AU
morning rise	-531 Jan 31	j 05:42	23°♑56'06	
direct	-531 Feb 07	j 05:44	21°♑16'25	
desc. node	-531 Feb 16	j 12:41	25°♑04'08	
morning max el	-531 Feb 21	j 04:08	29°♑08'14	27°45'53
	-531 Feb 22	j 00:36	0°♒	
	-531 Mar 15	j 13:11	0°♓	
morning set	-531 Mar 27	j 01:57	21°♓27'07	
	-531 Mar 31	j 05:16	0°♈	
max. Earth dist.	-531 Apr 01	j 15:30	3°♈01'43	1.32853 AU
superior conj	-531 Apr 03	j 16:09	7°♈23'13	0°-19'-1
minimum elong	-531 Apr 03	j 17:03	7°♈28'05	0°18'51
asc. node	-531 Apr 05	j 11:37	11°♈18'38	
evening rise	-531 Apr 10	j 17:40	22°♈36'41	
	-531 Apr 14	j 07:42	0°♉	
	-531 May 03	j 20:32	0°♊	
evening max el	-531 May 04	j 15:16	0°♊46'10	23°46'02
desc. node	-531 May 15	j 11:53	7°♊20'18	
retrograde	-531 May 18	j 08:51	7°♊39'08	
evening set	-531 May 22	j 11:00	7°♊02'10	
min. Earth dist.	-531 May 29	j 02:08	3°♊54'23	0.56167 AU
inferior conj	-531 May 31	j 08:39	2°♊31'41	-3°-54'-44
minimum elong	-531 May 31	j 02:12	2°♊41'30	3°53'26
	-531 Jun 04	j 20:38	30°℞♉	
morning rise	-531 Jun 08	j 21:05	28°♉33'27	
direct	-531 Jun 11	j 12:20	28°♉15'48	
	-531 Jun 17	j 16:37	0°♊	
morning max el	-531 Jun 21	j 14:41	2°♊56'03	19°59'09
asc. node	-531 Jul 02	j 10:54	17°♊50'29	
	-531 Jul 08	j 19:52	0°♋	
morning set	-531 Jul 09	j 14:41	1°♋34'52	
superior conj	-531 Jul 17	j 11:29	17°♋33'25	1°46'03
minimum elong	-531 Jul 17	j 10:33	17°♋28'45	1°46'01
max. Earth dist.	-531 Jul 22	j 22:25	28°♋12'09	1.36890 AU
	-531 Jul 23	j 21:16	0°♌	
evening rise	-531 Jul 26	j 20:50	5°♌30'13	
	-531 Aug 10	j 14:13	0°♍	
desc. node	-531 Aug 11	j 11:14	1°♍19'28	
evening max el	-531 Aug 31	j 15:52	27°♍09'48	25°42'38
	-531 Sep 03	j 19:32	0°♎	
retrograde	-531 Sep 12	j 22:26	4°♎11'58	
evening set	-531 Sep 18	j 23:48	1°♎39'30	
	-531 Sep 20	j 17:02	30°℞♍	
min. Earth dist.	-531 Sep 23	j 08:23	26°♍52'20	0.66809 AU
inferior conj	-531 Sep 24	j 13:18	25°♍20'00	-1°-18'-57
minimum elong	-531 Sep 24	j 15:17	25°♍13'40	1°18'07
asc. node	-531 Sep 28	j 10:05	20°♍51'50	
morning rise	-531 Sep 30	j 07:30	19°♍22'20	
direct	-531 Oct 03	j 13:06	18°♍21'57	
morning max el	-531 Oct 10	j 15:15	22°♍22'28	19°15'15
	-531 Oct 16	j 20:00	0°♎	
greatest brilliancy	-531 Oct 21	j 07:42	6°♎30'00	-0.7m
morning set	-531 Nov 02	j 20:57	25°♎50'47	
	-531 Nov 05	j 12:49	0°♏	
desc. node	-531 Nov 07	j 10:33	2°♏58'38	
max. Earth dist.	-531 Nov 16	j 21:46	17°♏50'06	1.44671 AU
superior conj	-531 Nov 19	j 15:41	22°♏10'59	-1°-14'-25
minimum elong	-531 Nov 19	j 07:39	21°♏39'06	1°13'33
	-531 Nov 24	j 13:09	0°♐	
evening rise	-531 Dec 04	j 09:01	16°♐01'25	
	-531 Dec 12	j 20:37	0°♑	
evening max el	-531 Dec 24	j 00:01	15°♑44'15	18°30'52
asc. node	-531 Dec 25	j 09:20	17°♑02'21	
retrograde	-531 Dec 30	j 14:09	19°♑22'32	
evening set	-530 Jan 02	j 13:44	18°♑33'11	
inferior conj	-530 Jan 08	j 12:26	12°♑58'27	3°37'22
minimum elong	-530 Jan 08	j 10:18	13°♑04'43	3°37'04
min. Earth dist.	-530 Jan 10	j 13:55	10°♑33'40	0.64480 AU
morning rise	-530 Jan 14	j 05:32	6°♑51'57	
direct	-530 Jan 21	j 01:44	4°♑01'01	
desc. node	-530 Feb 03	j 09:44	11°♑39'48	
morning max el	-530 Feb 03	j 13:05	11°♑48'07	27°20'21
	-530 Feb 18	j 01:56	0°♒	
	-530 Mar 08	j 00:32	0°♓	
morning set	-530 Mar 10	j 19:01	5°♓19'24	
max. Earth dist.	-530 Mar 15	j 15:19	15°♓04'07	1.33694 AU
superior conj	-530 Mar 18	j 21:15	21°♓51'32	0°-45'-38
minimum elong	-530 Mar 18	j 23:26	22°♓03'00	0°45'14
	-530 Mar 22	j 17:01	0°♈	
asc. node	-530 Mar 23	j 08:39	1°♈23'19	
evening rise	-530 Mar 26	j 04:44	7°♈23'29	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-530 Apr 07 j 07:58	0°♉		
evening max el	-530 Apr 16 j 08:29	11°♉24'06	22°11'19	
retrograde	-530 Apr 29 j 03:52	17°♉40'49		
evening set	-530 May 01 j 23:56	17°♉23'04		
desc. node	-530 May 02 j 08:55	17°♉18'10		
min. Earth dist.	-530 May 10 j 15:09	13°♉40'39	0.55176 AU	
inferior conj	-530 May 11 j 08:44	13°♉15'52	-2°-28'-21	
minimum elong	-530 May 11 j 02:23	13°♉24'49	2°26'23	
morning rise	-530 May 20 j 06:33	9°♉21'04		
direct	-530 May 23 j 03:35	9°♉02'25		
morning max el	-530 Jun 03 j 21:41	14°♉32'39	21°20'30	
	-530 Jun 15 j 10:38	0°♊		
asc. node	-530 Jun 19 j 07:57	7°♊05'24		
morning set	-530 Jun 23 j 22:49	16°♊20'06		
	-530 Jun 30 j 11:39	0°♋		
superior conj	-530 Jul 01 j 09:24	1°♋53'03	1°38'08	
minimum elong	-530 Jul 01 j 07:21	1°♋42'28	1°37'59	
max. Earth dist.	-530 Jul 05 j 09:31	10°♋03'17	1.35239 AU	
evening rise	-530 Jul 09 j 19:37	18°♋41'01		
	-530 Jul 16 j 00:28	0°♌		
desc. node	-530 Jul 29 j 08:16	21°♌16'13		
	-530 Aug 04 j 17:27	0°♍		
evening max el	-530 Aug 14 j 03:45	10°♍44'30	26°40'54	
retrograde	-530 Aug 27 j 03:05	17°♍59'34		
evening set	-530 Sep 02 j 17:55	15°♍16'49		
min. Earth dist.	-530 Sep 06 j 18:54	11°♍07'21	0.65894 AU	
inferior conj	-530 Sep 08 j 11:50	9°♍05'17	-2°-14'-10	
minimum elong	-530 Sep 08 j 15:10	8°♍55'19	2°12'55	
morning rise	-530 Sep 14 j 13:36	3°♍19'27		
asc. node	-530 Sep 15 j 07:09	2°♍58'53		
direct	-530 Sep 17 j 10:46	2°♍32'53		
morning max el	-530 Sep 24 j 02:34	6°♍13'04	18°30'48	
	-530 Oct 10 j 12:24	0°♎		
morning set	-530 Oct 14 j 01:04	5°♎41'04		
desc. node	-530 Oct 25 j 07:35	23°♎40'39		
	-530 Oct 29 j 07:46	0°♏		
superior conj	-530 Oct 29 j 16:11	0°♏33'09	0°-28'-13	
minimum elong	-530 Oct 29 j 12:28	0°♏18'30	0°27'44	
max. Earth dist.	-530 Oct 30 j 16:06	2°♏07'13	1.45011 AU	
evening rise	-530 Nov 14 j 21:21	26°♏04'44		
	-530 Nov 17 j 08:49	0°♐		
greatest brilliancy	-530 Nov 26 j 00:51	13°♐37'46	-0.8m	
evening max el	-530 Dec 07 j 09:51	29°♐10'43	19°08'23	
	-530 Dec 08 j 05:48	0°♑		
asc. node	-530 Dec 12 j 06:23	2°♑45'05		
retrograde	-530 Dec 14 j 09:20	3°♑10'01		
evening set	-530 Dec 17 j 15:13	2°♑08'49		
	-530 Dec 20 j 04:27	30°℞♐		
inferior conj	-530 Dec 23 j 07:49	26°♐17'34	3°10'21	
minimum elong	-530 Dec 23 j 05:02	26°♐26'21	3°09'42	
min. Earth dist.	-530 Dec 24 j 18:21	24°♐28'20	0.65824 AU	
morning rise	-530 Dec 28 j 17:58	20°♐05'55		
direct	-529 Jan 04 j 03:57	17°♐18'08		
morning max el	-529 Jan 16 j 22:35	24°♐49'04	26°25'26	
desc. node	-529 Jan 21 j 06:46	29°♐33'13		
	-529 Jan 21 j 15:52	0°♑		
	-529 Feb 11 j 12:35	0°♒		
morning set	-529 Feb 21 j 23:59	18°♒30'46		
max. Earth dist.	-529 Feb 26 j 04:00	26°♒32'08	1.34990 AU	
	-529 Feb 27 j 21:52	0°♓		
superior conj	-529 Mar 02 j 20:02	5°♓55'54	-1°-11'-19	
minimum elong	-529 Mar 02 j 23:17	6°♓12'34	1°10'48	
asc. node	-529 Mar 10 j 05:41	21°♓18'06		
evening rise	-529 Mar 10 j 13:10	21°♓56'41		

	-529 Mar 14 j 13:13	0°♈		
evening max el	-529 Mar 29 j 10:14	22°♈25'28	20°45'38	
retrograde	-529 Apr 09 j 16:43	27°♈51'18		
evening set	-529 Apr 11 j 22:04	27°♈39'29		
desc. node	-529 Apr 19 j 05:56	24°♈45'42		
inferior conj	-529 Apr 21 j 03:04	23°♈42'02	0°-32'-14	
minimum elong	-529 Apr 21 j 01:33	23°♈44'12	0°31'42	
min. Earth dist.	-529 Apr 22 j 04:20	23°♈05'54	0.55100 AU	
morning rise	-529 Apr 30 j 03:49	19°♈32'42		
direct	-529 May 03 j 14:37	19°♈06'59		
morning max el	-529 May 16 j 18:34	25°♈28'42	22°56'37	
	-529 May 20 j 23:51	0°♉		
asc. node	-529 Jun 06 j 04:58	26°♉43'05		
	-529 Jun 07 j 19:18	0°♊		
morning set	-529 Jun 08 j 09:43	1°♊15'13		
superior conj	-529 Jun 15 j 14:02	16°♊33'29	1°24'40	
minimum elong	-529 Jun 15 j 11:33	16°♊20'11	1°24'21	
max. Earth dist.	-529 Jun 18 j 06:23	22°♊13'23	1.33954 AU	
	-529 Jun 22 j 01:22	0°♋		
evening rise	-529 Jun 23 j 08:09	2°♋33'12		
	-529 Jul 08 j 21:11	0°♌		
desc. node	-529 Jul 16 j 05:17	10°♌42'44		
evening max el	-529 Jul 27 j 15:30	24°♌07'25	27°16'55	
	-529 Aug 04 j 12:48	0°♍		
retrograde	-529 Aug 10 j 01:59	1°♍26'49		
	-529 Aug 15 j 05:13	30°℞♌		
evening set	-529 Aug 17 j 03:01	28°♌42'24		
min. Earth dist.	-529 Aug 20 j 21:17	25°♌09'58	0.64614 AU	
inferior conj	-529 Aug 23 j 03:19	22°♌42'34	-3°-6'-38	
minimum elong	-529 Aug 23 j 07:40	22°♌30'39	3°05'18	
morning rise	-529 Aug 29 j 14:02	17°♌12'05		
direct	-529 Sep 01 j 05:13	16°♌35'52		
asc. node	-529 Sep 02 j 04:11	16°♌40'42		
morning max el	-529 Sep 07 j 17:23	20°♌04'16	18°03'18	
	-529 Sep 15 j 04:18	0°♍		
morning set	-529 Sep 25 j 09:31	16°♍54'10		
	-529 Oct 03 j 06:07	0°♎		
superior conj	-529 Oct 09 j 00:56	9°♎24'04	0°20'39	
minimum elong	-529 Oct 09 j 03:21	9°♎33'48	0°20'19	
desc. node	-529 Oct 12 j 04:37	14°♎26'34		
max. Earth dist.	-529 Oct 13 j 10:53	16°♎26'41	1.44611 AU	
	-529 Oct 22 j 02:29	0°♏		
evening rise	-529 Oct 25 j 12:40	5°♏18'10		
	-529 Nov 10 j 20:19	0°♐		
greatest brilliancy	-529 Nov 13 j 14:11	3°♐53'45	-0.6m	
evening max el	-529 Nov 20 j 15:12	12°♐38'20	20°01'37	
retrograde	-529 Nov 28 j 06:43	17°♐07'07		
asc. node	-529 Nov 29 j 03:25	17°♐02'52		
evening set	-529 Dec 01 j 20:43	15°♐52'10		
inferior conj	-529 Dec 07 j 09:12	9°♐47'20	2°33'45	
minimum elong	-529 Dec 07 j 06:26	9°♐56'35	2°32'53	
min. Earth dist.	-529 Dec 08 j 06:15	8°♐37'05	0.66781 AU	
morning rise	-529 Dec 12 j 15:34	3°♐32'36		
direct	-529 Dec 18 j 11:37	0°♐58'38		
morning max el	-529 Dec 30 j 07:20	8°♐00'23	25°09'55	
desc. node	-528 Jan 08 j 03:48	18°♐21'21		
	-528 Jan 16 j 13:28	0°♑		
morning set	-528 Feb 04 j 11:50	0°♒46'21		
	-528 Feb 04 j 01:29	0°♒		
max. Earth dist.	-528 Feb 08 j 05:35	7°♒36'42	1.36717 AU	
superior conj	-528 Feb 14 j 09:33	19°♒27'28	-1°-34'-15	
minimum elong	-528 Feb 14 j 13:19	19°♒46'05	1°33'48	
	-528 Feb 19 j 15:44	0°♓		
evening rise	-528 Feb 22 j 16:48	6°♓09'19		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

asc. node	-528 Feb 25 j 02:43	10°♓57'44	
	-528 Mar 07 j 08:56	0°♈	
evening max el	-528 Mar 10 j 23:01	4°♈03'10	19°36'33
retrograde	-528 Mar 20 j 12:35	8°♈38'20	
evening set	-528 Mar 22 j 16:18	8°♈25'24	
inferior conj	-528 Mar 31 j 06:12	4°♈21'02	1°20'50
minimum elong	-528 Mar 31 j 09:26	4°♈15'53	1°19'46
min. Earth dist.	-528 Apr 02 j 18:38	2°♈45'24	0.55950 AU
desc. node	-528 Apr 05 j 02:56	1°♈23'13	
	-528 Apr 08 j 02:25	30°℞♓	
morning rise	-528 Apr 08 j 23:05	29°♓41'48	
direct	-528 Apr 13 j 09:10	28°♓57'59	
	-528 Apr 18 j 14:35	0°♈	
morning max el	-528 Apr 27 j 09:53	6°♈01'29	24°37'19
	-528 May 14 j 15:14	0°♉	
morning set	-528 May 22 j 21:44	16°♉14'50	
asc. node	-528 May 23 j 02:00	16°♉37'17	
	-528 May 29 j 06:56	0°♊	
superior conj	-528 May 29 j 22:59	1°♊27'11	1°06'51
minimum elong	-528 May 29 j 20:35	1°♊14'10	1°06'28
max. Earth dist.	-528 May 31 j 11:48	4°♊46'21	1.33050 AU
evening rise	-528 Jun 06 j 06:28	16°♊55'09	
	-528 Jun 13 j 00:27	0°♋	
desc. node	-528 Jul 02 j 02:17	29°♋26'32	
	-528 Jul 02 j 13:11	0°♌	
evening max el	-528 Jul 09 j 01:09	7°♌05'54	27°24'19
retrograde	-528 Jul 22 j 18:54	14°♌25'18	
evening set	-528 Jul 29 j 23:47	11°♌51'11	
min. Earth dist.	-528 Aug 02 j 13:49	8°♌50'26	0.62975 AU
inferior conj	-528 Aug 05 j 09:02	6°♌06'04	-3°-52'-54
minimum elong	-528 Aug 05 j 13:38	5°♌54'47	3°51'52
morning rise	-528 Aug 12 j 05:49	0°♌54'20	
direct	-528 Aug 14 j 17:28	0°♌25'29	
asc. node	-528 Aug 19 j 01:13	1°♌54'10	
morning max el	-528 Aug 21 j 09:00	3°♌50'33	17°53'33
morning set	-528 Sep 06 j 17:36	29°♌15'12	
	-528 Sep 07 j 03:44	0°♍	
superior conj	-528 Sep 18 j 10:10	19°♍29'03	1°01'02
minimum elong	-528 Sep 18 j 15:14	19°♍50'16	1°00'25
	-528 Sep 24 j 19:28	0°♎	
max. Earth dist.	-528 Sep 25 j 02:27	0°♎28'14	1.43529 AU
desc. node	-528 Sep 28 j 01:39	5°♎13'26	
evening rise	-528 Oct 03 j 19:13	14°♎13'12	
	-528 Oct 14 j 04:38	0°♏	
greatest brilliancy	-528 Oct 28 j 07:00	19°♏53'03	-0.5m
evening max el	-528 Nov 02 j 14:53	26°♏06'21	21°08'06
	-528 Nov 07 j 08:04	0°♐	
retrograde	-528 Nov 11 j 04:08	1°♐11'01	
	-528 Nov 14 j 17:19	30°℞♏	
evening set	-528 Nov 15 j 04:15	29°♏40'22	
asc. node	-528 Nov 15 j 00:26	29°♏47'28	
inferior conj	-528 Nov 20 j 14:21	23°♏25'27	1°50'03
minimum elong	-528 Nov 20 j 12:05	23°♏33'14	1°49'11
min. Earth dist.	-528 Nov 20 j 23:33	22°♏53'49	0.67372 AU
morning rise	-528 Nov 25 j 19:34	17°♏09'42	
direct	-528 Dec 01 j 00:17	14°♏55'42	
morning max el	-528 Dec 11 j 16:05	21°♏16'51	23°43'46
	-528 Dec 19 j 04:42	0°♐	
desc. node	-528 Dec 25 j 00:53	7°♐48'45	
	-527 Jan 08 j 20:12	0°♑	
morning set	-527 Jan 16 j 00:30	11°♑50'26	
max. Earth dist.	-527 Jan 20 j 00:57	18°♑48'25	1.38755 AU
	-527 Jan 26 j 04:55	0°♒	
superior conj	-527 Jan 27 j 10:04	2°♒16'39	-1°-51'-52
minimum elong	-527 Jan 27 j 13:15	2°♒31'37	1°51'40
evening rise	-527 Feb 05 j 13:09	19°♒54'39	
asc. node	-527 Feb 10 j 23:45	0°♓16'34	
	-527 Feb 10 j 20:08	0°♓	
evening max el	-527 Feb 21 j 22:02	16°♓17'26	18°46'58
retrograde	-527 Mar 02 j 00:54	20°♓13'34	
evening set	-527 Mar 04 j 08:31	19°♓55'34	
inferior conj	-527 Mar 12 j 04:03	15°♓34'22	2°44'47
minimum elong	-527 Mar 12 j 08:27	15°♓26'15	2°43'42
min. Earth dist.	-527 Mar 15 j 11:24	13°♓09'01	0.57547 AU
morning rise	-527 Mar 20 j 04:13	10°♓22'49	
desc. node	-527 Mar 22 j 23:59	9°♓25'47	
direct	-527 Mar 25 j 17:33	9°♓07'19	
morning max el	-527 Apr 09 j 01:37	16°♓37'35	26°07'48
	-527 Apr 19 j 23:57	0°♈	
	-527 May 06 j 19:22	0°♉	
morning set	-527 May 07 j 09:10	1°♉12'13	
asc. node	-527 May 09 j 23:02	6°♉41'50	
superior conj	-527 May 14 j 10:12	16°♉26'24	0°45'38
minimum elong	-527 May 14 j 08:20	16°♉16'13	0°45'17
max. Earth dist.	-527 May 14 j 22:40	17°♉34'44	1.32520 AU
	-527 May 20 j 17:02	0°♊	
evening rise	-527 May 21 j 11:27	1°♊36'13	
	-527 Jun 06 j 00:05	0°♋	
desc. node	-527 Jun 18 j 23:17	17°♋08'50	
evening max el	-527 Jun 21 j 06:15	19°♋27'12	26°59'17
retrograde	-527 Jul 05 j 04:58	26°♋44'40	
evening set	-527 Jul 12 j 03:56	24°♋35'06	
min. Earth dist.	-527 Jul 15 j 20:12	21°♋53'58	0.61041 AU
inferior conj	-527 Jul 19 j 01:40	19°♋07'06	-4°-27'-32
minimum elong	-527 Jul 19 j 05:04	18°♋59'45	4°27'07
morning rise	-527 Jul 26 j 09:14	14°♋16'48	
direct	-527 Jul 28 j 19:41	13°♋52'56	
morning max el	-527 Aug 04 j 22:23	17°♋23'50	18°02'30
asc. node	-527 Aug 05 j 22:17	18°♋25'13	
	-527 Aug 13 j 22:01	0°♌	
morning set	-527 Aug 20 j 19:21	12°♌26'43	
	-527 Aug 30 j 10:20	0°♍	
superior conj	-527 Aug 30 j 22:34	0°♍54'05	1°28'26
minimum elong	-527 Aug 31 j 02:49	1°♍12'50	1°28'03
max. Earth dist.	-527 Sep 07 j 12:26	13°♍54'24	1.41911 AU
evening rise	-527 Sep 13 j 11:07	23°♍36'09	
desc. node	-527 Sep 14 j 22:41	25°♍57'22	
	-527 Sep 17 j 12:35	0°♎	
	-527 Oct 08 j 06:11	0°♏	
greatest brilliancy	-527 Oct 11 j 14:53	4°♏14'49	-0.3m
evening max el	-527 Oct 16 j 08:53	9°♏35'08	22°24'12
retrograde	-527 Oct 25 j 23:47	15°♏18'25	
evening set	-527 Oct 30 j 12:01	13°♏30'24	
asc. node	-527 Nov 01 j 21:29	11°♏05'29	
inferior conj	-527 Nov 04 j 21:15	7°♏09'12	1°01'03
minimum elong	-527 Nov 04 j 19:53	7°♏13'58	1°00'28
min. Earth dist.	-527 Nov 04 j 19:43	7°♏14'31	0.67622 AU
morning rise	-527 Nov 10 j 03:36	0°♏54'56	
	-527 Nov 11 j 10:37	30°℞♎	
direct	-527 Nov 14 j 17:14	29°♎03'16	
	-527 Nov 18 j 06:19	0°♏	
morning max el	-527 Nov 24 j 03:35	4°♏38'16	22°16'43
greatest brilliancy	-527 Nov 28 j 19:25	9°♏52'42	-0.3m
desc. node	-527 Dec 11 j 21:57	27°♏44'11	
	-527 Dec 13 j 10:56	0°♐	
morning set	-527 Dec 27 j 08:37	21°♐30'58	
	-526 Jan 01 j 12:07	0°♑	
max. Earth dist.	-526 Jan 01 j 21:51	0°♑40'54	1.40863 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-526 Jan 09 j 16:50	14°♑11'56	-2°00'-44
minimum elong	-526 Jan 09 j 17:36	14°♑15'24	2°00'45
	-526 Jan 18 j 07:27	0°♒	
evening rise	-526 Jan 19 j 23:05	3°♒05'29	
asc. node	-526 Jan 28 j 20:48	19°♒07'53	
evening max el	-526 Feb 05 j 04:41	29°♒01'52	18°17'28
	-526 Feb 06 j 06:16	0°♓	
retrograde	-526 Feb 12 j 07:50	2°♓34'49	
evening set	-526 Feb 14 j 20:03	2°♓09'26	
	-526 Feb 18 j 19:13	30°℞♒	
inferior conj	-526 Feb 21 j 22:55	27°♒27'12	3°33'04
minimum elong	-526 Feb 22 j 01:42	27°♒21'13	3°32'42
min. Earth dist.	-526 Feb 25 j 08:35	24°♒32'55	0.59565 AU
morning rise	-526 Mar 01 j 03:52	21°♒51'22	
direct	-526 Mar 07 j 15:06	19°♒57'40	
desc. node	-526 Mar 09 j 21:03	20°♒10'58	
morning max el	-526 Mar 21 j 22:10	27°♒41'37	27°13'22
	-526 Mar 24 j 03:46	0°♓	
	-526 Apr 13 j 13:43	0°♈	
morning set	-526 Apr 21 j 18:19	16°♈01'23	
asc. node	-526 Apr 26 j 20:07	26°♈52'12	
	-526 Apr 28 j 06:27	0°♉	
superior conj	-526 Apr 28 j 21:58	1°♉25'06	0°21'50
minimum elong	-526 Apr 28 j 21:00	1°♉19'48	0°21'38
max. Earth dist.	-526 Apr 28 j 11:29	0°♉27'35	1.32359 AU
evening rise	-526 May 05 j 20:43	16°♉28'19	
	-526 May 12 j 15:09	0°♊	
	-526 Jun 02 j 02:49	0°♋	
evening max el	-526 Jun 03 j 05:02	1°♋04'25	26°02'10
desc. node	-526 Jun 05 j 20:17	3°♋24'01	
retrograde	-526 Jun 17 j 06:24	8°♋17'48	
evening set	-526 Jun 23 j 10:57	6°♋44'34	
min. Earth dist.	-526 Jun 27 j 17:48	4°♋05'48	0.58983 AU
inferior conj	-526 Jul 01 j 01:37	1°♋36'28	-4°-41'-56
minimum elong	-526 Jul 01 j 01:49	1°♋36'06	4°41'56
	-526 Jul 03 j 06:27	30°℞♊	
morning rise	-526 Jul 08 j 20:17	27°♊08'43	
direct	-526 Jul 11 j 07:42	26°♊48'04	
	-526 Jul 18 j 14:54	0°♋	
morning max el	-526 Jul 19 j 06:29	0°♋35'29	18°31'22
asc. node	-526 Jul 23 j 19:21	5°♋58'35	
morning set	-526 Aug 04 j 09:51	26°♋16'03	
	-526 Aug 06 j 08:15	0°♌	
superior conj	-526 Aug 13 j 09:48	13°♌27'12	1°43'13
minimum elong	-526 Aug 13 j 11:54	13°♌36'58	1°43'06
max. Earth dist.	-526 Aug 20 j 17:17	26°♌38'06	1.39978 AU
	-526 Aug 22 j 16:04	0°♍	
evening rise	-526 Aug 25 j 01:27	4°♍02'37	
desc. node	-526 Sep 01 j 19:41	16°♍34'51	
	-526 Sep 10 j 18:04	0°♎	
evening max el	-526 Sep 28 j 22:39	23°♎06'36	23°44'27
retrograde	-526 Oct 09 j 16:10	29°♎26'06	
evening set	-526 Oct 14 j 18:19	27°♎19'46	
min. Earth dist.	-526 Oct 19 j 16:16	21°♎36'39	0.67561 AU
asc. node	-526 Oct 19 j 18:34	21°♎28'50	
inferior conj	-526 Oct 20 j 04:07	20°♎56'17	0°08'15
minimum elong	-526 Oct 20 j 03:55	20°♎56'58	0°08'10
transit middle	-526 Oct 20 j 03:55	20°♎56'58	0°08'10
transit begin	-526 Oct 20 j 01:34	21°♎04'59	
transit end	-526 Oct 20 j 06:16	20°♎48'57	
morning rise	-526 Oct 25 j 13:39	14°♎46'12	
direct	-526 Oct 29 j 13:24	13°♎16'26	
morning max el	-526 Nov 06 j 21:05	18°♎07'41	20°56'25
greatest brilliancy	-526 Nov 12 j 13:15	24°♎45'13	-0.5m
	-526 Nov 16 j 11:13	0°♏	
desc. node	-526 Nov 28 j 19:00	17°♏59'02	
morning set	-526 Dec 06 j 14:14	29°♏58'14	
	-526 Dec 06 j 14:41	0°♐	
max. Earth dist.	-526 Dec 15 j 01:53	13°♐29'17	1.42752 AU
superior conj	-526 Dec 22 j 00:13	24°♐59'10	-1°-56'-30
minimum elong	-526 Dec 21 j 20:39	24°♐44'04	1°56'23
	-526 Dec 24 j 22:41	0°♑	
evening rise	-525 Jan 02 j 18:37	15°♑32'33	
	-525 Jan 11 j 00:08	0°♒	
asc. node	-525 Jan 15 j 17:52	7°♒22'10	
evening max el	-525 Jan 19 j 15:45	12°♒06'22	18°07'42
retrograde	-525 Jan 26 j 06:24	15°♒31'30	
evening set	-525 Jan 28 j 22:49	14°♒57'31	
inferior conj	-525 Feb 04 j 12:15	9°♒53'28	3°51'16
minimum elong	-525 Feb 04 j 12:42	9°♒52'22	3°51'16
min. Earth dist.	-525 Feb 07 j 12:47	6°♒55'20	0.61653 AU
morning rise	-525 Feb 11 j 00:08	4°♒01'42	
direct	-525 Feb 17 j 22:38	1°♒35'20	
desc. node	-525 Feb 24 j 18:08	3°♒38'36	
morning max el	-525 Mar 04 j 00:49	9°♒25'06	27°44'38
	-525 Mar 19 j 23:20	0°♓	
morning set	-525 Apr 05 j 23:12	0°♈34'54	
	-525 Apr 05 j 16:22	0°♈	
max. Earth dist.	-525 Apr 11 j 22:28	13°♈11'25	1.32567 AU
superior conj	-525 Apr 13 j 08:33	16°♈16'35	0°-3'-48
minimum elong	-525 Apr 13 j 08:44	16°♈17'33	0°03'47
behind sun begin	-525 Apr 13 j 03:45	15°♈50'26	
behind sun end	-525 Apr 13 j 13:42	16°♈44'40	
asc. node	-525 Apr 13 j 17:10	17°♈03'32	
	-525 Apr 19 j 16:23	0°♉	
evening rise	-525 Apr 20 j 08:08	1°♉23'32	
	-525 May 06 j 01:45	0°♊	
evening max el	-525 May 15 j 21:43	12°♊00'45	24°39'46
desc. node	-525 May 23 j 17:18	17°♊38'12	
retrograde	-525 May 29 j 20:36	19°♊04'17	
evening set	-525 Jun 03 j 19:00	18°♊09'21	
min. Earth dist.	-525 Jun 09 j 09:15	15°♊16'14	0.57070 AU
inferior conj	-525 Jun 12 j 05:53	13°♊24'50	-4°-24'-10
minimum elong	-525 Jun 12 j 01:31	13°♊31'59	4°23'37
morning rise	-525 Jun 20 j 11:51	9°♊17'50	
direct	-525 Jun 23 j 01:39	8°♊59'14	
morning max el	-525 Jul 02 j 06:20	13°♊16'00	19°21'10
asc. node	-525 Jul 10 j 16:25	24°♊20'15	
	-525 Jul 13 j 22:05	0°♋	
morning set	-525 Jul 19 j 09:22	10°♋33'23	
superior conj	-525 Jul 27 j 14:12	26°♋52'44	1°47'28
minimum elong	-525 Jul 27 j 14:13	26°♋52'47	1°47'29
	-525 Jul 29 j 04:50	0°♌	
max. Earth dist.	-525 Aug 02 j 20:29	8°♌45'28	1.37975 AU
evening rise	-525 Aug 06 j 16:43	15°♌40'32	
	-525 Aug 15 j 05:04	0°♍	
desc. node	-525 Aug 19 j 16:41	7°♍01'36	
	-525 Sep 05 j 08:25	0°♎	
evening max el	-525 Sep 11 j 10:25	6°♎42'03	25°02'06
retrograde	-525 Sep 23 j 04:26	13°♎30'51	
evening set	-525 Sep 28 j 21:27	11°♎07'00	
min. Earth dist.	-525 Oct 03 j 10:44	5°♎58'58	0.67182 AU
inferior conj	-525 Oct 04 j 09:12	4°♎45'05	0°-46'-47
minimum elong	-525 Oct 04 j 10:22	4°♎41'16	0°46'18
asc. node	-525 Oct 06 j 15:38	1°♎52'44	
	-525 Oct 08 j 09:36	30°℞♍	
morning rise	-525 Oct 09 j 23:46	28°♍42'12	
direct	-525 Oct 13 j 11:27	27°♍31'59	
	-525 Oct 18 j 23:34	0°♎	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning max el	-525 Oct	20 j 22:20	1°♎47'50	19°48'04
greatest brilliancy	-525 Oct	28 j 18:18	11°♎33'10	-0.6m
	-525 Nov	10 j 04:02	0°♏	
morning set	-525 Nov	15 j 11:11	8°♏09'18	
desc. node	-525 Nov	15 j 16:02	8°♏28'01	
max. Earth dist.	-525 Nov	27 j 13:51	27°♏07'39	1.44159 AU
	-525 Nov	29 j 09:03	0°♐	
superior conj	-525 Dec	02 j 04:38	4°♐31'47	-1°-35'-2
minimum elong	-525 Dec	01 j 20:57	4°♐00'45	1°34'22
evening rise	-525 Dec	15 j 19:29	27°♐08'25	
	-525 Dec	17 j 11:51	0°♑	
asc. node	-524 Jan	02 j 14:54	24°♑48'30	
evening max el	-524 Jan	03 j 04:18	25°♑23'30	18°17'03
retrograde	-524 Jan	09 j 16:12	28°♑53'52	
evening set	-524 Jan	12 j 12:55	28°♑10'23	
inferior conj	-524 Jan	18 j 16:10	22°♑45'57	3°47'14
minimum elong	-524 Jan	18 j 14:45	22°♑49'53	3°47'06
min. Earth dist.	-524 Jan	21 j 02:21	20°♑04'59	0.63544 AU
morning rise	-524 Jan	24 j 14:56	16°♑43'41	
direct	-524 Jan	31 j 14:15	13°♑57'43	
desc. node	-524 Feb	11 j 15:12	19°♑16'12	
morning max el	-524 Feb	14 j 08:25	21°♑47'47	27°39'05
	-524 Feb	21 j 13:23	0°♒	
	-524 Mar	12 j 02:13	0°♓	
morning set	-524 Mar	19 j 21:27	14°♓45'05	
max. Earth dist.	-524 Mar	25 j 03:43	25°♓33'18	1.33165 AU
	-524 Mar	27 j 05:55	0°♈	
superior conj	-524 Mar	27 j 16:13	0°♈55'06	0°-30'-21
minimum elong	-524 Mar	27 j 17:39	1°♈02'51	0°30'04
asc. node	-524 Mar	30 j 14:12	7°♈11'53	
evening rise	-524 Apr	03 j 19:51	16°♈15'23	
	-524 Apr	10 j 17:07	0°♉	
evening max el	-524 Apr	26 j 12:32	22°♉36'06	23°05'11
retrograde	-524 May	09 j 22:19	29°♉15'58	
desc. node	-524 May	09 j 14:21	29°♉15'43	
evening set	-524 May	13 j 10:35	28°♉48'57	
min. Earth dist.	-524 May	20 j 22:04	25°♉28'13	0.55645 AU
inferior conj	-524 May	22 j 14:34	24°♉29'19	-3°-23'-12
minimum elong	-524 May	22 j 07:28	24°♉39'40	3°21'23
morning rise	-524 May	31 j 07:28	20°♉34'58	
direct	-524 Jun	03 j 00:48	20°♉17'16	
morning max el	-524 Jun	13 j 19:44	25°♉17'10	20°31'42
	-524 Jun	18 j 02:26	0°♊	
asc. node	-524 Jun	26 j 13:28	13°♊18'27	
morning set	-524 Jul	02 j 14:59	25°♊10'20	
	-524 Jul	04 j 23:19	0°♋	
superior conj	-524 Jul	10 j 06:50	10°♋56'06	1°43'28
minimum elong	-524 Jul	10 j 05:21	10°♋48'33	1°43'24
max. Earth dist.	-524 Jul	15 j 03:11	20°♋35'00	1.36141 AU
evening rise	-524 Jul	19 j 05:23	28°♋20'53	
	-524 Jul	20 j 02:54	0°♌	
desc. node	-524 Aug	05 j 13:41	27°♌11'29	
	-524 Aug	07 j 11:49	0°♍	
evening max el	-524 Aug	23 j 21:49	20°♍18'01	26°09'39
retrograde	-524 Sep	05 j 11:58	27°♍26'47	
evening set	-524 Sep	11 j 19:30	24°♍48'49	
min. Earth dist.	-524 Sep	16 j 00:42	20°♍17'56	0.66465 AU
inferior conj	-524 Sep	17 j 10:40	18°♍32'24	-1°-42'-31
minimum elong	-524 Sep	17 j 13:15	18°♍24'23	1°41'30
asc. node	-524 Sep	22 j 12:40	13°♍11'14	
morning rise	-524 Sep	23 j 07:56	12°♍39'40	
direct	-524 Sep	26 j 09:40	11°♍45'38	
morning max el	-524 Oct	03 j 06:34	15°♍36'09	18°54'26
	-524 Oct	13 j 23:49	0°♎	
morning set	-524 Oct	24 j 23:41	17°♎12'25	
desc. node	-524 Nov	01 j 13:02	29°♎06'19	
	-524 Nov	02 j 02:42	0°♏	
max. Earth dist.	-524 Nov	09 j 06:43	11°♏15'52	1.44909 AU
superior conj	-524 Nov	10 j 10:36	13°♏05'40	0°-55'-59
minimum elong	-524 Nov	10 j 03:43	12°♏38'35	0°55'10
	-524 Nov	21 j 02:01	0°♐	
evening rise	-524 Nov	25 j 21:41	7°♐46'05	
	-524 Dec	09 j 20:53	0°♑	
evening max el	-524 Dec	16 j 15:42	8°♑47'19	18°44'41
asc. node	-524 Dec	19 j 11:56	11°♑13'16	
retrograde	-524 Dec	23 j 09:02	12°♑33'45	
evening set	-524 Dec	26 j 11:02	11°♑39'36	
inferior conj	-523 Jan	01 j 06:51	5°♑57'13	3°27'17
minimum elong	-523 Jan	01 j 04:21	6°♑04'49	3°26'49
min. Earth dist.	-523 Jan	03 j 01:46	3°♑46'54	0.65097 AU
morning rise	-523 Jan	06 j 20:33	29°♐48'02	
	-523 Jan	06 j 15:05	30°℞♐	
direct	-523 Jan	13 j 12:50	26°♐57'06	
	-523 Jan	21 j 09:00	0°♑	
morning max el	-523 Jan	26 j 18:09	4°♑39'13	27°00'09
desc. node	-523 Jan	28 j 12:15	6°♑28'27	
	-523 Feb	15 j 02:01	0°♒	
morning set	-523 Mar	03 j 09:56	28°♒22'07	
	-523 Mar	04 j 06:11	0°♓	
max. Earth dist.	-523 Mar	07 j 23:17	7°♓22'18	1.34188 AU
superior conj	-523 Mar	11 j 18:56	15°♓14'20	0°-56'-45
minimum elong	-523 Mar	11 j 21:36	15°♓28'18	0°56'17
asc. node	-523 Mar	17 j 11:14	27°♓13'14	
	-523 Mar	18 j 19:01	0°♈	
evening rise	-523 Mar	19 j 06:03	0°♈57'36	
	-523 Apr	05 j 05:54	0°♉	
evening max el	-523 Apr	08 j 08:41	3°♉21'26	21°33'09
retrograde	-523 Apr	20 j 14:02	9°♉18'21	
evening set	-523 Apr	23 j 01:38	9°♉04'22	
desc. node	-523 Apr	26 j 11:23	8°♉03'52	
inferior conj	-523 May	02 j 10:35	5°♉02'59	-1°-41'00
minimum elong	-523 May	02 j 05:54	5°♉09'32	1°39'25
min. Earth dist.	-523 May	02 j 11:08	5°♉02'12	0.55018 AU
morning rise	-523 May	11 j 10:47	1°♉04'27	
direct	-523 May	14 j 12:06	0°♉44'02	
morning max el	-523 May	26 j 22:19	6°♉36'42	22°00'09
	-523 Jun	12 j 00:40	0°♊	
asc. node	-523 Jun	13 j 10:30	2°♊44'18	
morning set	-523 Jun	17 j 00:31	10°♊00'55	
superior conj	-523 Jun	24 j 08:00	25°♊26'21	1°33'01
minimum elong	-523 Jun	24 j 05:41	25°♊14'14	1°32'48
	-523 Jun	26 j 12:32	0°♋	
max. Earth dist.	-523 Jun	27 j 18:08	2°♋32'01	1.34638 AU
evening rise	-523 Jul	02 j 10:34	11°♋51'10	
	-523 Jul	12 j 11:42	0°♌	
desc. node	-523 Jul	23 j 10:42	16°♌56'57	
	-523 Aug	02 j 17:31	0°♍	
evening max el	-523 Aug	06 j 09:33	3°♍48'22	26°59'17
retrograde	-523 Aug	19 j 14:24	11°♍06'58	
evening set	-523 Aug	26 j 10:09	8°♍21'57	
min. Earth dist.	-523 Aug	30 j 07:57	4°♍28'42	0.65393 AU
inferior conj	-523 Sep	01 j 06:29	2°♍14'45	-2°-36'-56
minimum elong	-523 Sep	01 j 10:19	2°♍03'42	2°35'36
	-523 Sep	03 j 06:47	30°℞♌	
morning rise	-523 Sep	07 j 11:56	26°♌35'16	
asc. node	-523 Sep	09 j 09:42	25°♌57'40	
direct	-523 Sep	10 j 06:09	25°♌53'41	
morning max el	-523 Sep	16 j 19:44	29°♌28'00	18°17'00

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-523 Sep 17 j 08:05	0°♍	
morning set	-523 Oct 05 j 16:01	27°♍38'32	
	-523 Oct 07 j 02:33	0°♎	
desc. node	-523 Oct 19 j 10:02	19°♎50'24	
superior conj	-523 Oct 20 j 11:54	21°♎32'51	0°-7'-3
minimum elong	-523 Oct 20 j 10:59	21°♎29'13	0°06'57
behind sun begin	-523 Oct 20 j 00:52	20°♎49'10	
behind sun end	-523 Oct 20 j 21:06	22°♎09'14	
max. Earth dist.	-523 Oct 23 j 01:07	25°♎34'24	1.44926 AU
	-523 Oct 25 j 20:42	0°♏	
evening rise	-523 Nov 06 j 00:13	17°♏25'40	
	-523 Nov 14 j 01:58	0°♐	
greatest brilliancy	-523 Nov 21 j 07:29	10°♐58'04	-0.7m
evening max el	-523 Nov 29 j 23:45	22°♐14'20	19°29'13
asc. node	-523 Dec 06 j 08:58	26°♐21'32	
retrograde	-523 Dec 07 j 05:30	26°♐25'38	
evening set	-523 Dec 10 j 14:29	25°♐19'02	
inferior conj	-523 Dec 16 j 05:07	19°♐21'39	2°55'51
minimum elong	-523 Dec 16 j 02:16	19°♐30'53	2°55'04
min. Earth dist.	-523 Dec 17 j 09:47	17°♐48'33	0.66275 AU
morning rise	-523 Dec 21 j 13:16	13°♐08'10	
direct	-523 Dec 27 j 17:35	10°♐25'01	
morning max el	-522 Jan 09 j 03:27	17°♐46'02	25°55'12
desc. node	-522 Jan 15 j 09:17	24°♐47'38	
	-522 Jan 19 j 10:41	0°♑	
	-522 Feb 08 j 01:17	0°♒	
morning set	-522 Feb 14 j 08:21	11°♒12'09	
max. Earth dist.	-522 Feb 18 j 06:45	18°♒36'55	1.35669 AU
superior conj	-522 Feb 23 j 14:10	29°♒05'59	-1°-21'-31
minimum elong	-522 Feb 23 j 17:44	29°♒24'00	1°21'00
	-522 Feb 24 j 00:51	0°♓	
evening rise	-522 Mar 03 j 12:44	15°♓22'50	
asc. node	-522 Mar 04 j 08:17	17°♓02'18	
	-522 Mar 11 j 02:20	0°♈	
evening max el	-522 Mar 21 j 15:08	14°♈38'06	20°14'03
retrograde	-522 Apr 01 j 04:16	19°♈41'30	
evening set	-522 Apr 03 j 07:32	19°♈29'57	
inferior conj	-522 Apr 12 j 07:05	15°♈31'40	0°18'01
minimum elong	-522 Apr 12 j 07:54	15°♈30'27	0°17'44
desc. node	-522 Apr 13 j 08:26	14°♈54'00	
min. Earth dist.	-522 Apr 14 j 01:06	14°♈29'23	0.55349 AU
morning rise	-522 Apr 21 j 05:46	11°♈10'22	
direct	-522 Apr 25 j 01:23	10°♈38'32	
morning max el	-522 May 08 j 16:15	17°♈20'40	23°39'37
	-522 May 18 j 21:52	0°♉	
asc. node	-522 May 31 j 07:32	22°♉29'40	
morning set	-522 Jun 01 j 12:05	24°♉58'24	
	-522 Jun 03 j 20:53	0°♊	
superior conj	-522 Jun 08 j 14:45	10°♊13'26	1°17'35
minimum elong	-522 Jun 08 j 12:14	9°♊59'55	1°17'14
max. Earth dist.	-522 Jun 10 j 18:41	14°♊50'57	1.33522 AU
evening rise	-522 Jun 16 j 03:42	25°♊57'30	
	-522 Jun 18 j 04:50	0°♋	
	-522 Jul 05 j 21:20	0°♌	
desc. node	-522 Jul 10 j 07:43	6°♌07'07	
evening max el	-522 Jul 19 j 20:43	17°♌02'29	27°23'55
retrograde	-522 Aug 02 j 11:04	24°♌22'46	
evening set	-522 Aug 09 j 14:29	21°♌41'13	
min. Earth dist.	-522 Aug 13 j 06:29	18°♌23'00	0.63953 AU
inferior conj	-522 Aug 15 j 18:11	15°♌47'01	-3°-27'-20
minimum elong	-522 Aug 15 j 22:47	15°♌34'58	3°26'04
morning rise	-522 Aug 22 j 09:03	10°♌23'57	
direct	-522 Aug 24 j 22:19	9°♌51'18	
asc. node	-522 Aug 27 j 06:44	10°♌19'16	
morning max el	-522 Aug 31 j 11:13	13°♌17'40	17°56'53
	-522 Sep 11 j 23:53	0°♍	
morning set	-522 Sep 17 j 11:16	9°♍22'36	
	-522 Sep 29 j 17:10	0°♎	
superior conj	-522 Sep 30 j 05:55	0°♎52'11	0°39'14
minimum elong	-522 Sep 30 j 10:00	1°♎08'49	0°38'41
max. Earth dist.	-522 Oct 05 j 18:28	9°♎46'55	1.44223 AU
desc. node	-522 Oct 06 j 07:05	10°♎37'10	
evening rise	-522 Oct 16 j 09:42	26°♎25'55	
	-522 Oct 18 j 17:26	0°♏	
greatest brilliancy	-522 Nov 06 j 22:45	28°♏16'22	-0.5m
	-522 Nov 08 j 06:16	0°♐	
evening max el	-522 Nov 13 j 02:53	5°♐42'58	20°28'33
retrograde	-522 Nov 21 j 03:05	10°♐26'17	
asc. node	-522 Nov 23 j 06:00	10°♐00'36	
evening set	-522 Nov 24 j 21:05	9°♐05'04	
inferior conj	-522 Nov 30 j 08:23	2°♐55'47	2°15'59
minimum elong	-522 Nov 30 j 05:46	3°♐04'38	2°15'05
min. Earth dist.	-522 Dec 01 j 00:19	2°♐01'49	0.67075 AU
	-522 Dec 02 j 13:16	30°℞♏	
morning rise	-522 Dec 05 j 13:57	26°♏40'20	
direct	-522 Dec 11 j 03:40	24°♏14'01	
	-522 Dec 21 j 11:32	0°♐	
morning max el	-522 Dec 22 j 11:48	0°♐59'40	24°33'57
desc. node	-521 Jan 02 j 06:19	13°♐54'31	
	-521 Jan 13 j 10:30	0°♑	
morning set	-521 Jan 27 j 11:10	22°♑59'56	
max. Earth dist.	-521 Jan 31 j 04:30	29°♑39'07	1.37558 AU
	-521 Jan 31 j 09:05	0°♒	
superior conj	-521 Feb 06 j 22:46	12°♒21'43	-1°-42'-32
minimum elong	-521 Feb 07 j 02:27	12°♒39'37	1°42'11
evening rise	-521 Feb 15 j 13:39	29°♒25'04	
	-521 Feb 15 j 20:41	0°♓	
asc. node	-521 Feb 19 j 05:20	6°♓34'07	
evening max el	-521 Mar 04 j 08:41	26°♓32'46	19°13'01
	-521 Mar 09 j 08:12	0°♈	
retrograde	-521 Mar 13 j 06:00	0°♈48'53	
evening set	-521 Mar 15 j 11:17	0°♈34'05	
	-521 Mar 17 j 08:28	30°℞♓	
inferior conj	-521 Mar 23 j 17:26	26°♓23'36	2°00'46
minimum elong	-521 Mar 23 j 21:37	26°♓16'32	1°59'31
min. Earth dist.	-521 Mar 26 j 16:14	24°♓24'54	0.56564 AU
desc. node	-521 Mar 31 j 05:28	21°♓53'03	
morning rise	-521 Apr 01 j 03:58	21°♓30'21	
direct	-521 Apr 06 j 02:07	20°♓34'15	
morning max el	-521 Apr 20 j 06:48	27°♓50'39	25°17'50
	-521 Apr 22 j 09:40	0°♈	
	-521 May 12 j 02:15	0°♉	
morning set	-521 May 17 j 00:03	9°♉57'29	
asc. node	-521 May 18 j 04:36	12°♉28'44	
superior conj	-521 May 24 j 00:54	25°♉10'01	0°58'14
minimum elong	-521 May 23 j 22:40	24°♉57'54	0°57'49
max. Earth dist.	-521 May 25 j 02:54	27°♉31'42	1.32788 AU
	-521 May 26 j 06:16	0°♊	
evening rise	-521 May 31 j 05:14	10°♊28'48	
	-521 Jun 10 j 11:44	0°♋	
desc. node	-521 Jun 27 j 04:45	24°♋27'12	
evening max el	-521 Jul 02 j 04:59	29°♋47'03	27°17'48
	-521 Jul 02 j 10:28	0°♌	
retrograde	-521 Jul 16 j 01:02	7°♌05'00	
evening set	-521 Jul 23 j 04:42	4°♌40'02	
min. Earth dist.	-521 Jul 26 j 18:49	1°♌49'09	0.62180 AU
	-521 Jul 28 j 18:05	30°℞♋	
inferior conj	-521 Jul 29 j 18:47	29°♋01'59	-4°-9'-30

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-521 Jul 29 j 23:05	28°♋51'56	4°08'42	
morning rise	-521 Aug 05 j 20:03	23°♋58'44		
direct	-521 Aug 08 j 06:58	23°♋32'10		
asc. node	-521 Aug 14 j 03:48	26°♋07'07		
morning max el	-521 Aug 15 j 02:10	26°♋58'37	17°54'58	
	-521 Aug 17 j 18:07	0°♌		
morning set	-521 Aug 31 j 03:34	22°♌06'57		
	-521 Sep 04 j 12:55	0°♍		
superior conj	-521 Sep 11 j 02:53	11°♍31'08	1°14'19	
minimum elong	-521 Sep 11 j 07:54	11°♍52'36	1°13'46	
max. Earth dist.	-521 Sep 18 j 08:08	23°♍36'01	1.42896 AU	
	-521 Sep 22 j 07:15	0°♎		
desc. node	-521 Sep 23 j 04:06	1°♎22'56		
evening rise	-521 Sep 25 j 18:03	5°♎27'07		
	-521 Oct 12 j 02:24	0°♏		
greatest brilliancy	-521 Oct 22 j 02:43	13°♏35'20	-0.4m	
evening max el	-521 Oct 27 j 00:11	19°♏11'25	21°39'40	
retrograde	-521 Nov 04 j 23:48	24°♏31'51		
evening set	-521 Nov 09 j 04:55	22°♏53'55		
asc. node	-521 Nov 10 j 03:03	22°♏05'57		
inferior conj	-521 Nov 14 j 14:29	16°♏36'05	1°29'48	
minimum elong	-521 Nov 14 j 12:34	16°♏42'45	1°29'03	
min. Earth dist.	-521 Nov 14 j 19:01	16°♏20'26	0.67520 AU	
morning rise	-521 Nov 19 j 19:56	10°♏20'55		
direct	-521 Nov 24 j 18:15	8°♏16'15		
morning max el	-521 Dec 04 j 21:10	14°♏17'14	23°06'24	
greatest brilliancy	-521 Dec 09 j 18:54	19°♏46'55	-0.3m	
	-521 Dec 17 j 14:16	0°♐		
desc. node	-521 Dec 20 j 03:22	3°♐34'42		
	-520 Jan 06 j 09:32	0°♑		
morning set	-520 Jan 08 j 12:05	3°♑28'36		
max. Earth dist.	-520 Jan 12 j 23:55	11°♑06'00	1.39666 AU	
superior conj	-520 Jan 20 j 16:24	24°♑49'36	-1°-56'-56	
minimum elong	-520 Jan 20 j 18:48	25°♑00'43	1°56'51	
	-520 Jan 23 j 11:06	0°♒		
evening rise	-520 Jan 30 j 05:59	12°♒56'36		
asc. node	-520 Feb 06 j 02:23	25°♒42'04		
	-520 Feb 08 j 15:24	0°♓		
evening max el	-520 Feb 15 j 11:17	9°♓00'34	18°31'54	
retrograde	-520 Feb 23 j 02:30	12°♓44'50		
evening set	-520 Feb 25 j 12:13	12°♓23'47		
inferior conj	-520 Mar 04 j 00:16	7°♓53'29	3°09'24	
minimum elong	-520 Mar 04 j 04:11	7°♓45'44	3°08'37	
min. Earth dist.	-520 Mar 07 j 10:14	5°♓13'11	0.58382 AU	
morning rise	-520 Mar 11 j 16:16	2°♓30'44		
desc. node	-520 Mar 17 j 02:31	1°♓00'08		
direct	-520 Mar 17 j 16:00	0°♓59'20		
morning max el	-520 Apr 01 j 00:08	8°♓35'40	26°39'29	
	-520 Apr 17 j 04:23	0°♈		
morning set	-520 Apr 30 j 10:46	24°♈52'20		
	-520 May 02 j 20:44	0°♉		
asc. node	-520 May 04 j 01:41	2°♉36'22		
superior conj	-520 May 07 j 12:34	10°♉09'41	0°35'49	
minimum elong	-520 May 07 j 11:03	10°♉01'22	0°35'30	
max. Earth dist.	-520 May 07 j 15:18	10°♉24'42	1.32412 AU	
evening rise	-520 May 14 j 12:21	25°♉15'42		
	-520 May 16 j 19:34	0°♊		
	-520 Jun 03 j 07:13	0°♋		
desc. node	-520 Jun 13 j 01:46	11°♋36'23		
evening max el	-520 Jun 13 j 07:40	11°♋50'32	26°38'38	
retrograde	-520 Jun 27 j 07:24	19°♋05'54		
evening set	-520 Jul 04 j 00:23	17°♋10'39		
min. Earth dist.	-520 Jul 07 j 20:59	14°♋33'03	0.60171 AU	
inferior conj	-520 Jul 11 j 04:49	11°♋51'10	-4°-36'-47	
minimum elong	-520 Jul 11 j 07:06	11°♋46'29	4°36'36	
morning rise	-520 Jul 18 j 17:04	7°♋10'27		
direct	-520 Jul 21 j 03:53	6°♋47'59		
morning max el	-520 Jul 28 j 13:43	10°♋24'05	18°12'19	
asc. node	-520 Jul 31 j 00:53	13°♋06'44		
	-520 Aug 10 j 11:26	0°♌		
morning set	-520 Aug 13 j 11:20	5°♌36'29		
superior conj	-520 Aug 23 j 01:46	23°♌27'38	1°36'08	
minimum elong	-520 Aug 23 j 05:10	23°♌42'57	1°35'53	
	-520 Aug 26 j 17:56	0°♍		
max. Earth dist.	-520 Aug 30 j 16:20	6°♍46'57	1.41114 AU	
evening rise	-520 Sep 04 j 18:36	15°♍14'36		
desc. node	-520 Sep 09 j 01:07	22°♍04'42		
	-520 Sep 14 j 04:11	0°♎		
greatest brilliancy	-520 Oct 03 j 10:15	26°♎47'55	-0.3m	
	-520 Oct 06 j 03:50	0°♏		
evening max el	-520 Oct 08 j 16:07	2°♏40'53	22°58'07	
retrograde	-520 Oct 18 j 18:11	8°♏39'57		
evening set	-520 Oct 23 j 12:17	6°♏43'53		
asc. node	-520 Oct 27 j 00:06	2°♏55'07		
inferior conj	-520 Oct 28 j 21:35	0°♏21'10	0°39'01	
minimum elong	-520 Oct 28 j 20:41	0°♏24'17	0°38'37	
min. Earth dist.	-520 Oct 28 j 15:34	0°♏41'55	0.67637 AU	
	-520 Oct 29 j 03:44	30°℞♎		
morning rise	-520 Nov 03 j 05:04	24°♎08'35		
direct	-520 Nov 07 j 12:34	22°♎26'38		
morning max el	-520 Nov 16 j 11:02	27°♎42'00	21°41'25	
	-520 Nov 18 j 14:30	0°♏		
greatest brilliancy	-520 Nov 21 j 09:21	3°♏18'35	-0.4m	
desc. node	-520 Dec 06 j 00:25	23°♏38'52		
	-520 Dec 10 j 05:51	0°♐		
morning set	-520 Dec 18 j 07:52	12°♐34'00		
max. Earth dist.	-520 Dec 24 j 23:55	23°♐23'21	1.41711 AU	
	-520 Dec 28 j 22:23	0°♑		
superior conj	-519 Jan 01 j 13:48	6°♑16'47	-2°00'-49	
minimum elong	-519 Jan 01 j 12:56	6°♑12'57	2°00'50	
evening rise	-519 Jan 12 j 10:17	25°♑49'47		
	-519 Jan 14 j 16:52	0°♒		
asc. node	-519 Jan 22 j 23:26	14°♒18'39		
evening max el	-519 Jan 28 j 20:05	21°♒53'54	18°10'52	
retrograde	-519 Feb 04 j 16:47	25°♒22'11		
evening set	-519 Feb 07 j 06:43	24°♒53'20		
inferior conj	-519 Feb 14 j 03:26	20°♒01'33	3°44'00	
minimum elong	-519 Feb 14 j 05:13	19°♒57'28	3°43'51	
min. Earth dist.	-519 Feb 17 j 10:06	17°♒02'40	0.60458 AU	
morning rise	-519 Feb 21 j 00:39	14°♒17'44		
direct	-519 Feb 27 j 17:48	12°♒09'10		
desc. node	-519 Mar 03 j 23:35	12°♒56'52		
morning max el	-519 Mar 13 j 23:34	19°♒56'37	27°31'17	
	-519 Mar 22 j 14:23	0°♓		
	-519 Apr 09 j 23:04	0°♈		
morning set	-519 Apr 14 j 18:23	9°♈35'59		
asc. node	-519 Apr 20 j 22:43	22°♈47'35		
max. Earth dist.	-519 Apr 21 j 03:55	23°♈15'56	1.32399 AU	
superior conj	-519 Apr 22 j 00:01	25°♈05'57	0°11'09	
minimum elong	-519 Apr 21 j 23:31	25°♈03'12	0°11'02	
behind sun begin	-519 Apr 21 j 19:53	24°♈43'18		
behind sun end	-519 Apr 22 j 03:09	25°♈23'06		
	-519 Apr 24 j 05:42	0°♉		
evening rise	-519 Apr 28 j 22:45	10°♉09'48		
	-519 May 09 j 04:21	0°♊		
evening max el	-519 May 26 j 03:22	23°♊08'14	25°29'29	
desc. node	-519 May 30 j 22:49	27°♊04'51		
	-519 Jun 06 j 08:14	0°♋		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-519 Jun 09	j 04:31	0°♋19'15	
	-519 Jun 12	j 00:34	30°℞♊	
evening set	-519 Jun 14	j 21:36	29°♊02'27	
min. Earth dist.	-519 Jun 19	j 15:22	26°♊19'39	0.58131 AU
inferior conj	-519 Jun 22	j 20:39	24°♊03'48	-4°-39'-5
minimum elong	-519 Jun 22	j 18:57	24°♊06'49	4°39'01
morning rise	-519 Jun 30	j 20:10	19°♊45'50	
direct	-519 Jul 03	j 08:26	19°♊26'15	
morning max el	-519 Jul 11	j 18:44	23°♊24'08	18°50'00
	-519 Jul 17	j 05:17	0°♋	
asc. node	-519 Jul 17	j 21:57	1°♋02'10	
morning set	-519 Jul 28	j 06:03	19°♋38'35	
	-519 Aug 02	j 12:56	0°♌	
superior conj	-519 Aug 05	j 21:01	6°♌25'15	1°46'09
minimum elong	-519 Aug 05	j 22:11	6°♌30'46	1°46'07
max. Earth dist.	-519 Aug 12	j 19:39	19°♌12'31	1.39117 AU
evening rise	-519 Aug 16	j 19:41	26°♌11'25	
	-519 Aug 19	j 01:46	0°♍	
desc. node	-519 Aug 26	j 22:08	12°♍38'04	
	-519 Sep 07	j 19:23	0°♎	
evening max el	-519 Sep 21	j 04:32	16°♎13'00	24°18'09
retrograde	-519 Oct 02	j 09:04	22°♎46'46	
evening set	-519 Oct 07	j 17:28	20°♎32'35	
min. Earth dist.	-519 Oct 12	j 11:32	15°♎04'04	0.67436 AU
inferior conj	-519 Oct 13	j 03:54	14°♎09'00	0°-14'-54
minimum elong	-519 Oct 13	j 04:15	14°♎07'47	0°14'46
transit middle	-519 Oct 13	j 04:15	14°♎07'47	0°14'46
transit begin	-519 Oct 13	j 03:06	14°♎11'40	
transit end	-519 Oct 13	j 05:25	14°♎03'54	
asc. node	-519 Oct 13	j 21:10	13°♎11'10	
morning rise	-519 Oct 18	j 15:21	8°♎01'37	
direct	-519 Oct 22	j 09:36	6°♎40'44	
morning max el	-519 Oct 30	j 07:51	11°♎16'10	20°25'39
greatest brilliancy	-519 Nov 05	j 18:21	18°♎58'13	-0.5m
	-519 Nov 13	j 13:47	0°♏	
desc. node	-519 Nov 22	j 21:27	14°♏00'04	
morning set	-519 Nov 27	j 06:46	20°♏45'21	
	-519 Dec 03	j 04:31	0°♐	
max. Earth dist.	-519 Dec 07	j 07:03	6°♐32'56	1.43413 AU
superior conj	-519 Dec 13	j 09:50	16°♐31'53	-1°-49'-41
minimum elong	-519 Dec 13	j 04:14	16°♐08'43	1°49'20
	-519 Dec 21	j 08:55	0°♑	
evening rise	-519 Dec 25	j 22:26	7°♑56'03	
	-518 Jan 08	j 04:35	0°♒	
asc. node	-518 Jan 09	j 20:28	2°♒14'10	
evening max el	-518 Jan 12	j 08:07	5°♒04'38	18°09'26
retrograde	-518 Jan 18	j 20:41	8°♒30'47	
evening set	-518 Jan 21	j 14:44	7°♒53'03	
inferior conj	-518 Jan 27	j 23:29	2°♒40'21	3°51'52
minimum elong	-518 Jan 27	j 23:04	2°♒41'28	3°51'51
	-518 Jan 30	j 13:12	30°℞♑	
min. Earth dist.	-518 Jan 30	j 18:22	29°♑46'59	0.62483 AU
morning rise	-518 Feb 03	j 05:15	26°♑43'21	
direct	-518 Feb 10	j 05:14	24°♑06'32	
desc. node	-518 Feb 18	j 20:38	27°♑24'18	
	-518 Feb 22	j 02:27	0°♒	
morning max el	-518 Feb 24	j 04:43	1°♒58'17	27°46'43
	-518 Mar 16	j 20:23	0°♓	
morning set	-518 Mar 29	j 20:48	24°♓01'11	
	-518 Apr 01	j 18:29	0°♈	
max. Earth dist.	-518 Apr 04	j 12:49	5°♈51'40	1.32765 AU
superior conj	-518 Apr 06	j 09:37	9°♈53'08	0°-14'-59
minimum elong	-518 Apr 06	j 10:19	9°♈56'58	0°14'51
behind sun begin	-518 Apr 06	j 08:29	9°♈47'01	
behind sun end	-518 Apr 06	j 12:09	10°♈06'55	
asc. node	-518 Apr 07	j 19:46	12°♈58'28	
evening rise	-518 Apr 13	j 10:31	25°♈04'30	
	-518 Apr 15	j 19:19	0°♉	
	-518 May 04	j 03:20	0°♊	
evening max el	-518 May 07	j 18:25	3°♊52'22	24°00'11
desc. node	-518 May 17	j 19:49	10°♊16'28	
retrograde	-518 May 21	j 13:55	10°♊48'37	
evening set	-518 May 25	j 21:14	10°♊07'32	
min. Earth dist.	-518 Jun 01	j 05:38	7°♊03'48	0.56384 AU
inferior conj	-518 Jun 03	j 16:16	5°♊33'20	-4°-3'-59
minimum elong	-518 Jun 03	j 10:16	5°♊42'39	4°02'54
morning rise	-518 Jun 12	j 03:02	1°♊33'03	
direct	-518 Jun 14	j 17:51	1°♊15'13	
morning max el	-518 Jun 24	j 14:25	5°♊49'07	19°48'37
asc. node	-518 Jul 04	j 19:00	19°♊40'30	
	-518 Jul 10	j 07:26	0°♋	
morning set	-518 Jul 12	j 08:26	4°♋04'41	
superior conj	-518 Jul 20	j 07:09	20°♋08'12	1°46'39
minimum elong	-518 Jul 20	j 06:26	20°♋04'41	1°46'39
	-518 Jul 25	j 08:58	0°♌	
max. Earth dist.	-518 Jul 25	j 23:07	1°♌06'48	1.37166 AU
evening rise	-518 Jul 29	j 20:40	8°♌17'28	
	-518 Aug 11	j 20:33	0°♍	
desc. node	-518 Aug 13	j 19:09	2°♍58'08	
evening max el	-518 Sep 03	j 15:57	29°♍48'52	25°32'33
	-518 Sep 03	j 20:31	0°♎	
retrograde	-518 Sep 15	j 19:29	6°♎47'53	
evening set	-518 Sep 21	j 18:40	4°♎17'38	
	-518 Sep 25	j 17:26	30°℞♍	
min. Earth dist.	-518 Sep 26	j 04:29	29°♍24'54	0.66916 AU
inferior conj	-518 Sep 27	j 07:41	27°♍57'21	-1°-10'-27
minimum elong	-518 Sep 27	j 09:26	27°♍51'41	1°09'44
asc. node	-518 Sep 30	j 18:12	23°♍52'05	
morning rise	-518 Oct 03	j 00:52	21°♍58'08	
direct	-518 Oct 06	j 07:59	20°♍55'16	
morning max el	-518 Oct 13	j 12:10	24°♍59'30	19°23'13
	-518 Oct 17	j 18:40	0°♎	
greatest brilliancy	-518 Oct 23	j 00:26	7°♎18'41	-0.7m
morning set	-518 Nov 06	j 07:37	29°♎10'29	
	-518 Nov 06	j 20:21	0°♏	
desc. node	-518 Nov 09	j 18:27	4°♏33'00	
max. Earth dist.	-518 Nov 19	j 20:55	20°♏23'55	1.44561 AU
superior conj	-518 Nov 23	j 03:22	25°♏35'14	-1°-20'-22
minimum elong	-518 Nov 22	j 19:12	25°♏02'45	1°19'32
	-518 Nov 25	j 21:34	0°♐	
evening rise	-518 Dec 07	j 13:58	19°♐06'45	
	-518 Dec 14	j 03:03	0°♑	
evening max el	-518 Dec 26	j 20:30	18°♑25'02	18°26'45
asc. node	-518 Dec 27	j 17:30	19°♑15'48	
retrograde	-517 Jan 02	j 09:44	22°♑00'48	
evening set	-517 Jan 05	j 08:35	21°♑12'58	
inferior conj	-517 Jan 11	j 08:22	15°♑40'54	3°40'24
minimum elong	-517 Jan 11	j 06:24	15°♑46'36	3°40'08
min. Earth dist.	-517 Jan 13	j 12:09	13°♑11'33	0.64249 AU
morning rise	-517 Jan 17	j 02:49	9°♑35'31	
direct	-517 Jan 24	j 00:07	6°♑45'21	
desc. node	-517 Feb 05	j 17:39	13°♑45'19	
morning max el	-517 Feb 06	j 13:17	14°♑33'22	27°26'13
	-517 Feb 19	j 03:51	0°♒	
	-517 Mar 09	j 11:22	0°♓	
morning set	-517 Mar 13	j 15:17	7°♓58'04	
max. Earth dist.	-517 Mar 18	j 14:06	17°♓58'56	1.33543 AU
superior conj	-517 Mar 21	j 15:25	24°♓24'04	0°-41'-39

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-517 Mar 21 j 17:24	24°♓34'36	0°41'15
	-517 Mar 24 j 06:23	0°♈	
asc. node	-517 Mar 25 j 16:48	3°♈04'10	
evening rise	-517 Mar 28 j 21:46	9°♈52'33	
	-517 Apr 08 j 11:07	0°♉	
evening max el	-517 Apr 19 j 10:50	14°♉28'42	22°25'04
retrograde	-517 May 02 j 10:23	20°♉51'45	
desc. node	-517 May 04 j 16:50	20°♉40'21	
evening set	-517 May 05 j 10:14	20°♉32'04	
min. Earth dist.	-517 May 13 j 18:28	16°♉55'49	0.55272 AU
inferior conj	-517 May 14 j 18:17	16°♉22'05	-2°-44'-2
minimum elong	-517 May 14 j 11:32	16°♉31'39	2°42'00
morning rise	-517 May 23 j 14:57	12°♉27'58	
direct	-517 May 26 j 10:56	12°♉09'37	
morning max el	-517 Jun 06 j 23:00	17°♉31'45	21°07'18
	-517 Jun 16 j 15:48	0°♊	
asc. node	-517 Jun 21 j 16:02	8°♊51'18	
morning set	-517 Jun 26 j 15:58	18°♊47'57	
	-517 Jul 02 j 00:57	0°♋	
superior conj	-517 Jul 04 j 03:47	4°♋23'49	1°39'43
minimum elong	-517 Jul 04 j 01:52	4°♋13'56	1°39'36
max. Earth dist.	-517 Jul 08 j 09:06	12°♋57'26	1.35463 AU
evening rise	-517 Jul 12 j 16:59	21°♋20'50	
	-517 Jul 17 j 10:22	0°♌	
desc. node	-517 Jul 31 j 16:09	22°♌58'37	
	-517 Aug 05 j 16:47	0°♍	
evening max el	-517 Aug 17 j 03:48	13°♍24'34	26°33'28
retrograde	-517 Aug 30 j 00:50	20°♍37'59	
evening set	-517 Sep 05 j 13:53	17°♍56'19	
min. Earth dist.	-517 Sep 09 j 15:58	13°♍41'16	0.66055 AU
inferior conj	-517 Sep 11 j 07:02	11°♍43'29	-2°-5'-53
minimum elong	-517 Sep 11 j 10:11	11°♍33'59	2°04'42
morning rise	-517 Sep 17 j 07:35	5°♍55'44	
asc. node	-517 Sep 17 j 15:14	5°♍45'49	
direct	-517 Sep 20 j 05:54	5°♍07'17	
morning max el	-517 Sep 26 j 22:45	8°♍49'44	18°36'25
	-517 Oct 11 j 19:28	0°♎	
morning set	-517 Oct 17 j 07:33	8°♎48'30	
desc. node	-517 Oct 27 j 15:29	25°♎14'13	
	-517 Oct 30 j 15:59	0°♏	
superior conj	-517 Nov 02 j 04:37	3°♏58'36	0°-35'-42
minimum elong	-517 Nov 01 j 23:57	3°♏40'13	0°35'07
max. Earth dist.	-517 Nov 02 j 15:14	4°♏40'20	1.45012 AU
evening rise	-517 Nov 18 j 05:55	29°♏19'04	
	-517 Nov 18 j 16:13	0°♐	
	-517 Dec 08 j 14:48	0°♑	
evening max el	-517 Dec 10 j 06:48	1°♑50'47	19°01'40
asc. node	-517 Dec 14 j 14:31	5°♑09'51	
retrograde	-517 Dec 17 j 04:24	5°♑46'21	
evening set	-517 Dec 20 j 09:16	4°♑46'58	
	-517 Dec 25 j 06:38	30°℞♐	
inferior conj	-517 Dec 26 j 02:37	28°♐57'49	3°15'07
minimum elong	-517 Dec 25 j 23:54	29°♐06'22	3°14'30
min. Earth dist.	-517 Dec 27 j 15:15	27°♐03'07	0.65652 AU
morning rise	-517 Dec 31 j 13:36	22°♐46'48	
direct	-516 Jan 07 j 01:22	19°♐57'56	
morning max el	-516 Jan 19 j 22:54	27°♐31'53	26°35'09
	-516 Jan 22 j 07:13	0°♑	
desc. node	-516 Jan 23 j 14:42	1°♑28'24	
	-516 Feb 12 j 20:17	0°♒	
morning set	-516 Feb 24 j 22:18	21°♒15'52	
max. Earth dist.	-516 Feb 29 j 04:37	29°♒31'48	1.34768 AU
	-516 Feb 29 j 10:18	0°♓	
superior conj	-516 Mar 04 j 15:16	8°♓31'58	-1°-7'-34
minimum elong	-516 Mar 04 j 18:23	8°♓48'01	1°07'03
asc. node	-516 Mar 11 j 13:50	23°♓00'28	
evening rise	-516 Mar 12 j 06:43	24°♓27'52	
	-516 Mar 14 j 23:57	0°♈	
evening max el	-516 Mar 31 j 10:58	25°♈24'47	20°57'27
	-516 Apr 07 j 02:59	0°♉	
retrograde	-516 Apr 11 j 23:34	0°♉58'55	
evening set	-516 Apr 14 j 06:06	0°♉46'45	
	-516 Apr 17 j 02:26	30°℞♈	
desc. node	-516 Apr 20 j 13:53	28°♈26'03	
inferior conj	-516 Apr 23 j 12:32	26°♈48'46	0°-50'-27
minimum elong	-516 Apr 23 j 10:09	26°♈52'09	0°49'36
min. Earth dist.	-516 Apr 24 j 07:28	26°♈21'54	0.55045 AU
morning rise	-516 May 02 j 13:29	22°♈42'58	
direct	-516 May 05 j 21:28	22°♈18'58	
morning max el	-516 May 18 j 21:13	28°♈33'11	22°41'47
	-516 May 20 j 08:28	0°♉	
asc. node	-516 Jun 07 j 13:05	28°♉26'06	
	-516 Jun 08 j 07:36	0°♊	
morning set	-516 Jun 10 j 02:35	3°♊42'04	
superior conj	-516 Jun 17 j 07:36	19°♊01'46	1°27'01
minimum elong	-516 Jun 17 j 05:08	18°♊48'41	1°26'44
max. Earth dist.	-516 Jun 20 j 04:31	25°♊04'09	1.34118 AU
	-516 Jun 22 j 14:07	0°♋	
evening rise	-516 Jun 25 j 03:43	5°♋07'29	
	-516 Jul 09 j 03:12	0°♌	
desc. node	-516 Jul 17 j 13:11	12°♌30'28	
evening max el	-516 Jul 29 j 15:33	26°♌49'31	27°13'12
	-516 Aug 02 j 07:13	0°♍	
retrograde	-516 Aug 12 j 00:37	4°♍08'51	
evening set	-516 Aug 19 j 00:32	1°♍23'49	
	-516 Aug 20 j 15:10	30°℞♌	
min. Earth dist.	-516 Aug 22 j 19:37	27°♌46'14	0.64829 AU
inferior conj	-516 Aug 24 j 23:43	25°♌22'04	-2°-59'-1
minimum elong	-516 Aug 25 j 03:59	25°♌10'17	2°57'39
morning rise	-516 Aug 31 j 09:03	19°♌49'14	
direct	-516 Sep 03 j 00:58	19°♌11'44	
asc. node	-516 Sep 03 j 12:17	19°♌12'55	
morning max el	-516 Sep 09 j 13:15	22°♌41'16	18°06'19
	-516 Sep 15 j 07:12	0°♍	
morning set	-516 Sep 27 j 11:56	19°♍49'45	
	-516 Oct 03 j 14:58	0°♎	
superior conj	-516 Oct 11 j 10:49	12°♎41'34	0°13'35
minimum elong	-516 Oct 11 j 12:28	12°♎48'10	0°13'22
behind sun begin	-516 Oct 11 j 06:20	12°♎23'36	
behind sun end	-516 Oct 11 j 18:36	13°♎12'42	
desc. node	-516 Oct 13 j 12:31	15°♎59'39	
max. Earth dist.	-516 Oct 15 j 10:07	19°♎00'24	1.44717 AU
	-516 Oct 22 j 10:17	0°♏	
evening rise	-516 Oct 27 j 23:52	8°♏38'33	
	-516 Nov 10 j 23:40	0°♐	
greatest brilliancy	-516 Nov 15 j 03:06	6°♐00'18	-0.6m
evening max el	-516 Nov 22 j 12:54	15°♐18'13	19°52'44
retrograde	-516 Nov 30 j 01:42	19°♐42'21	
asc. node	-516 Nov 30 j 11:33	19°♐41'24	
evening set	-516 Dec 03 j 14:21	18°♐29'36	
inferior conj	-516 Dec 09 j 03:19	12°♐26'29	2°39'48
minimum elong	-516 Dec 09 j 00:30	12°♐35'48	2°38'57
min. Earth dist.	-516 Dec 10 j 02:16	11°♐10'21	0.66662 AU
morning rise	-516 Dec 14 j 10:03	6°♐11'56	
direct	-516 Dec 20 j 08:15	3°♐35'26	
morning max el	-515 Jan 01 j 07:55	10°♐42'41	25°22'04
desc. node	-515 Jan 09 j 11:46	20°♐09'33	
	-515 Jan 16 j 17:15	0°♑	
	-515 Feb 04 j 11:38	0°♒	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-515 Feb 06 j 13:09	3°♒41'13		
max. Earth dist.	-515 Feb 10 j 07:46	10°♒38'50	1.36432 AU	
superior conj	-515 Feb 16 j 06:26	22°♒09'09	-1°-31'-2	
minimum elong	-515 Feb 16 j 10:11	22°♒27'48	1°30'35	
	-515 Feb 20 j 04:04	0°♓		
evening rise	-515 Feb 24 j 11:17	8°♓44'13		
asc. node	-515 Feb 26 j 10:53	12°♓42'47		
	-515 Mar 08 j 05:17	0°♈		
evening max el	-515 Mar 13 j 22:09	6°♈57'01	19°45'41	
retrograde	-515 Mar 23 j 17:47	11°♈39'26		
evening set	-515 Mar 25 j 21:05	11°♈27'01		
inferior conj	-515 Apr 03 j 13:39	7°♈24'35	1°05'10	
minimum elong	-515 Apr 03 j 16:21	7°♈20'21	1°04'15	
min. Earth dist.	-515 Apr 05 j 21:46	5°♈57'21	0.55763 AU	
desc. node	-515 Apr 07 j 10:56	5°♈02'33		
morning rise	-515 Apr 12 j 08:20	2°♈50'06		
direct	-515 Apr 16 j 14:22	2°♈09'55		
morning max el	-515 Apr 30 j 13:09	9°♈08'32	24°22'37	
	-515 May 15 j 22:40	0°♉		
asc. node	-515 May 25 j 10:10	18°♉18'18		
morning set	-515 May 25 j 14:35	18°♉41'30		
	-515 May 30 j 20:55	0°♊		
superior conj	-515 Jun 01 j 16:05	3°♊54'12	1°09'49	
minimum elong	-515 Jun 01 j 13:39	3°♊40'58	1°09'25	
max. Earth dist.	-515 Jun 03 j 08:45	7°♊33'33	1.33157 AU	
evening rise	-515 Jun 09 j 00:50	19°♊25'47		
	-515 Jun 14 j 10:53	0°♋		
	-515 Jul 03 j 08:35	0°♌		
desc. node	-515 Jul 04 j 10:13	1°♌21'46		
evening max el	-515 Jul 12 j 01:37	9°♌52'09	27°25'11	
retrograde	-515 Jul 25 j 18:37	17°♌12'05		
evening set	-515 Aug 01 j 23:25	14°♌35'28		
min. Earth dist.	-515 Aug 05 j 13:45	11°♌30'34	0.63242 AU	
inferior conj	-515 Aug 08 j 07:06	8°♌47'50	-3°-46'-34	
minimum elong	-515 Aug 08 j 11:45	8°♌36'14	3°45'26	
morning rise	-515 Aug 15 j 02:22	3°♌33'09		
direct	-515 Aug 17 j 14:19	3°♌03'27		
asc. node	-515 Aug 21 j 09:21	4°♌12'55		
morning max el	-515 Aug 24 j 04:57	6°♌28'36	17°53'46	
	-515 Sep 08 j 13:15	0°♍		
morning set	-515 Sep 09 j 16:51	2°♍01'11		
superior conj	-515 Sep 21 j 15:54	22°♍33'50	0°55'43	
minimum elong	-515 Sep 21 j 20:50	22°♍54'21	0°55'06	
	-515 Sep 26 j 04:26	0°♎		
max. Earth dist.	-515 Sep 28 j 02:02	3°♎04'14	1.43728 AU	
desc. node	-515 Sep 30 j 09:32	6°♎46'11		
evening rise	-515 Oct 07 j 06:31	17°♎32'42		
	-515 Oct 15 j 10:39	0°♏		
greatest brilliancy	-515 Oct 31 j 01:03	22°♏16'30	-0.5m	
evening max el	-515 Nov 05 j 13:28	28°♏45'57	20°57'33	
	-515 Nov 06 j 19:41	0°♐		
retrograde	-515 Nov 13 j 23:17	3°♐45'10		
asc. node	-515 Nov 17 j 08:36	2°♐40'03		
evening set	-515 Nov 17 j 21:42	2°♐17'06		
	-515 Nov 20 j 06:50	30°℞♏		
inferior conj	-515 Nov 23 j 08:04	26°♏03'28	1°57'03	
minimum elong	-515 Nov 23 j 05:42	26°♏11'35	1°56'11	
min. Earth dist.	-515 Nov 23 j 18:59	25°♏26'03	0.67303 AU	
morning rise	-515 Nov 28 j 13:17	19°♏47'38		
direct	-515 Dec 03 j 20:19	17°♏30'19		
morning max el	-515 Dec 14 j 16:30	23°♏58'21	23°56'50	
	-515 Dec 20 j 01:30	0°♐		
desc. node	-515 Dec 27 j 08:49	9°♐31'44		
	-514 Jan 10 j 03:49	0°♑		
morning set	-514 Jan 19 j 05:43	14°♑57'11		
max. Earth dist.	-514 Jan 23 j 03:24	21°♑46'20	1.38438 AU	
	-514 Jan 27 j 16:05	0°♒		
superior conj	-514 Jan 30 j 09:13	5°♒05'32	-1°-49'-40	
minimum elong	-514 Jan 30 j 12:35	5°♒21'31	1°49'27	
evening rise	-514 Feb 08 j 08:57	22°♒34'06		
	-514 Feb 12 j 05:14	0°♓		
asc. node	-514 Feb 13 j 07:57	2°♓05'08		
evening max el	-514 Feb 24 j 19:52	19°♓06'24	18°53'05	
retrograde	-514 Mar 05 j 03:12	23°♓07'08		
evening set	-514 Mar 07 j 10:07	22°♓50'05		
inferior conj	-514 Mar 15 j 08:24	18°♓31'57	2°34'20	
minimum elong	-514 Mar 15 j 12:50	18°♓23'56	2°33'11	
min. Earth dist.	-514 Mar 18 j 14:09	16°♓12'48	0.57275 AU	
morning rise	-514 Mar 23 j 11:22	13°♓24'51		
desc. node	-514 Mar 25 j 07:59	12°♓45'04		
direct	-514 Mar 28 j 20:55	12°♓14'34		
morning max el	-514 Apr 12 j 04:25	19°♓41'58	25°55'33	
	-514 Apr 20 j 22:27	0°♈		
	-514 May 08 j 08:00	0°♉		
morning set	-514 May 10 j 02:13	3°♉39'12		
asc. node	-514 May 12 j 07:14	8°♉21'20		
superior conj	-514 May 17 j 03:06	18°♉52'45	0°49'04	
minimum elong	-514 May 17 j 01:09	18°♉42'00	0°48'41	
max. Earth dist.	-514 May 17 j 18:58	20°♉19'33	1.32576 AU	
	-514 May 22 j 06:26	0°♊		
evening rise	-514 May 24 j 05:02	4°♊04'22		
	-514 Jun 07 j 05:01	0°♋		
desc. node	-514 Jun 21 j 07:15	19°♋14'37		
evening max el	-514 Jun 24 j 07:38	22°♋19'40	27°05'09	
retrograde	-514 Jul 08 j 05:51	29°♋37'25		
evening set	-514 Jul 15 j 06:20	27°♋23'28		
min. Earth dist.	-514 Jul 18 j 21:44	24°♋40'14	0.61341 AU	
inferior conj	-514 Jul 22 j 01:56	21°♋52'42	-4°-23'-26	
minimum elong	-514 Jul 22 j 05:38	21°♋44'31	4°22'54	
morning rise	-514 Jul 29 j 07:51	16°♋58'55		
direct	-514 Jul 31 j 18:18	16°♋34'28		
morning max el	-514 Aug 07 j 18:51	20°♋04'02	17°59'53	
asc. node	-514 Aug 08 j 06:26	20°♋32'59		
	-514 Aug 15 j 04:04	0°♌		
morning set	-514 Aug 23 j 16:21	15°♌06'12		
	-514 Aug 31 j 20:58	0°♍		
superior conj	-514 Sep 03 j 00:27	3°♍47'20	1°25'08	
minimum elong	-514 Sep 03 j 04:57	4°♍07'04	1°24'42	
max. Earth dist.	-514 Sep 10 j 12:53	16°♍36'18	1.42180 AU	
evening rise	-514 Sep 16 j 20:00	26°♍48'56		
desc. node	-514 Sep 17 j 06:34	27°♍30'47		
	-514 Sep 18 j 20:28	0°♎		
	-514 Oct 09 j 06:23	0°♏		
greatest brilliancy	-514 Oct 14 j 14:56	6°♏55'09	-0.3m	
evening max el	-514 Oct 19 j 08:18	12°♏14'44	22°12'30	
retrograde	-514 Oct 28 j 19:13	17°♏52'06		
evening set	-514 Nov 02 j 05:32	16°♏06'48		
asc. node	-514 Nov 04 j 05:39	14°♏09'40		
inferior conj	-514 Nov 07 j 14:49	9°♏46'27	1°08'45	
minimum elong	-514 Nov 07 j 13:18	9°♏51'45	1°08'07	
min. Earth dist.	-514 Nov 07 j 14:53	9°♏46'16	0.67607 AU	
morning rise	-514 Nov 12 j 20:52	3°♏31'48		
direct	-514 Nov 17 j 12:44	1°♏36'40		
morning max el	-514 Nov 27 j 03:16	7°♏18'21	22°29'23	
greatest brilliancy	-514 Dec 01 j 18:23	12°♏29'55	-0.3m	
desc. node	-514 Dec 14 j 05:51	29°♏23'14		
	-514 Dec 14 j 15:57	0°♐		
morning set	-514 Dec 30 j 18:13	24°♐49'56		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-513 Jan 02 j 21:25	0°♉	
max. Earth dist.	-513 Jan 04 j 23:34	3°♉30'52	1.40559 AU
superior conj	-513 Jan 12 j 18:58	17°♉09'38	-2°00'-9
minimum elong	-513 Jan 12 j 20:15	17°♉15'23	2°00'09
	-513 Jan 19 j 18:12	0°♒	
evening rise	-513 Jan 22 j 20:38	5°♒50'18	
asc. node	-513 Jan 31 j 05:00	21°♒00'54	
	-513 Feb 06 j 09:43	0°♓	
evening max el	-513 Feb 08 j 01:35	1°♓46'42	18°20'33
retrograde	-513 Feb 15 j 07:23	5°♓21'54	
evening set	-513 Feb 17 j 19:02	4°♓57'38	
inferior conj	-513 Feb 25 j 00:10	0°♓18'33	3°27'50
minimum elong	-513 Feb 25 j 03:17	0°♓11'59	3°27'21
	-513 Feb 25 j 08:58	30°℞♒	
min. Earth dist.	-513 Feb 28 j 10:21	27°♒27'06	0.59259 AU
morning rise	-513 Mar 04 j 07:57	24°♒45'54	
direct	-513 Mar 10 j 16:38	22°♒57'50	
desc. node	-513 Mar 12 j 05:02	23°♒03'52	
	-513 Mar 24 j 07:21	0°♓	
morning max el	-513 Mar 24 j 23:56	0°♓39'51	27°05'37
	-513 Apr 14 j 22:35	0°♈	
morning set	-513 Apr 24 j 11:47	18°♈29'25	
asc. node	-513 Apr 29 j 04:18	28°♈30'41	
	-513 Apr 29 j 20:40	0°♉	
superior conj	-513 May 01 j 14:52	3°♉51'22	0°25'35
minimum elong	-513 May 01 j 13:45	3°♉45'13	0°25'21
max. Earth dist.	-513 May 01 j 07:44	3°♉12'11	1.32362 AU
evening rise	-513 May 08 j 13:46	18°♉54'55	
	-513 May 14 j 01:35	0°♊	
	-513 Jun 02 j 10:48	0°♋	
evening max el	-513 Jun 06 j 07:29	4°♋03'28	26°12'32
desc. node	-513 Jun 08 j 04:17	5°♋44'42	
retrograde	-513 Jun 20 j 08:31	11°♋17'12	
evening set	-513 Jun 26 j 16:42	9°♋38'13	
min. Earth dist.	-513 Jun 30 j 20:25	7°♋00'18	0.59286 AU
inferior conj	-513 Jul 04 j 04:34	4°♋27'09	-4°-41'-34
minimum elong	-513 Jul 04 j 05:22	4°♋25'37	4°41'34
morning rise	-513 Jul 11 j 21:33	29°♊55'58	
	-513 Jul 11 j 16:01	30°℞♊	
direct	-513 Jul 14 j 08:48	29°♊34'51	
	-513 Jul 16 j 23:45	0°♋	
morning max el	-513 Jul 22 j 03:53	3°♋19'01	18°25'47
asc. node	-513 Jul 26 j 03:30	7°♋57'35	
morning set	-513 Aug 07 j 05:15	28°♋50'39	
	-513 Aug 07 j 19:43	0°♌	
superior conj	-513 Aug 16 j 08:38	16°♌11'11	1°41'41
minimum elong	-513 Aug 16 j 11:05	16°♌22'28	1°41'34
max. Earth dist.	-513 Aug 23 j 18:40	29°♌27'31	1.40276 AU
	-513 Aug 24 j 02:12	0°♍	
evening rise	-513 Aug 28 j 06:36	7°♍04'48	
desc. node	-513 Sep 04 j 03:35	18°♍09'31	
	-513 Sep 11 j 23:08	0°♎	
evening max el	-513 Oct 01 j 22:36	25°♎45'46	23°32'28
	-513 Oct 06 j 22:49	0°♏	
retrograde	-513 Oct 12 j 12:05	1°♏59'53	
	-513 Oct 17 j 10:19	30°℞♎	
evening set	-513 Oct 17 j 12:08	29°♎56'13	
asc. node	-513 Oct 22 j 02:42	24°♎37'59	
inferior conj	-513 Oct 22 j 21:46	23°♎32'53	0°16'27
minimum elong	-513 Oct 22 j 21:23	23°♎34'14	0°16'16
transit middle	-513 Oct 22 j 21:23	23°♎34'14	0°16'16
transit begin	-513 Oct 22 j 21:12	23°♎34'50	
transit end	-513 Oct 22 j 21:33	23°♎33'37	
min. Earth dist.	-513 Oct 22 j 11:26	24°♎08'13	0.67594 AU
morning rise	-513 Oct 28 j 06:43	17°♎22'09	
direct	-513 Nov 01 j 08:28	15°♎49'14	
morning max el	-513 Nov 09 j 19:43	20°♎46'14	21°07'42
greatest brilliancy	-513 Nov 15 j 06:24	27°♎04'55	-0.5m
	-513 Nov 17 j 12:00	0°♏	
desc. node	-513 Dec 01 j 02:51	19°♏35'16	
	-513 Dec 07 j 22:22	0°♐	
morning set	-513 Dec 10 j 03:00	3°♐25'14	
max. Earth dist.	-513 Dec 18 j 02:40	16°♐11'49	1.42500 AU
superior conj	-513 Dec 25 j 06:05	28°♐07'15	-1°-58'-12
minimum elong	-513 Dec 25 j 03:15	27°♐55'10	1°58'06
	-513 Dec 26 j 08:26	0°♉	
evening rise	-512 Jan 05 j 18:30	18°♉24'03	
	-512 Jan 12 j 06:48	0°♒	
asc. node	-512 Jan 18 j 02:01	9°♒21'03	
evening max el	-512 Jan 22 j 12:07	14°♒48'16	18°07'53
retrograde	-512 Jan 29 j 03:58	18°♒13'46	
evening set	-512 Jan 31 j 19:46	17°♒41'06	
inferior conj	-512 Feb 07 j 10:58	12°♒40'05	3°50'07
minimum elong	-512 Feb 07 j 11:45	12°♒38'10	3°50'04
min. Earth dist.	-512 Feb 10 j 13:15	9°♒41'07	0.61349 AU
morning rise	-512 Feb 14 j 01:10	6°♒50'12	
direct	-512 Feb 20 j 22:36	4°♒28'11	
desc. node	-512 Feb 27 j 02:03	6°♒08'27	
morning max el	-512 Mar 06 j 01:47	12°♒17'16	27°42'24
	-512 Mar 20 j 02:40	0°♓	
	-512 Apr 06 j 04:50	0°♈	
morning set	-512 Apr 07 j 17:26	3°♈05'47	
max. Earth dist.	-512 Apr 13 j 19:21	15°♈58'51	1.32511 AU
superior conj	-512 Apr 15 j 01:44	18°♈44'14	0°00'10
minimum elong	-512 Apr 15 j 01:43	18°♈44'10	0°00'11
behind sun begin	-512 Apr 14 j 20:39	18°♈16'32	
behind sun end	-512 Apr 15 j 06:47	19°♈11'48	
asc. node	-512 Apr 15 j 01:21	18°♈42'09	
	-512 Apr 20 j 05:51	0°♉	
evening rise	-512 Apr 22 j 00:59	3°♉50'09	
	-512 May 06 j 03:10	0°♊	
evening max el	-512 May 18 j 00:52	15°♊05'01	24°53'11
desc. node	-512 May 25 j 01:18	20°♊19'48	
retrograde	-512 Jun 01 j 00:29	22°♊10'44	
evening set	-512 Jun 06 j 04:04	21°♊10'18	
min. Earth dist.	-512 Jun 11 j 12:25	18°♊20'24	0.57332 AU
inferior conj	-512 Jun 14 j 11:53	16°♊22'08	-4°-29'-30
minimum elong	-512 Jun 14 j 08:12	16°♊28'18	4°29'07
morning rise	-512 Jun 22 j 16:11	12°♊12'32	
direct	-512 Jun 25 j 05:38	11°♊53'41	
morning max el	-512 Jul 04 j 05:09	16°♊04'56	19°12'27
asc. node	-512 Jul 12 j 00:32	26°♊12'45	
	-512 Jul 14 j 06:14	0°♋	
morning set	-512 Jul 21 j 03:36	13°♋04'26	
superior conj	-512 Jul 29 j 10:51	29°♋30'08	1°47'24
minimum elong	-512 Jul 29 j 11:09	29°♋31'34	1°47'24
	-512 Jul 29 j 17:01	0°♌	
max. Earth dist.	-512 Aug 04 j 21:54	11°♌39'51	1.38266 AU
evening rise	-512 Aug 08 j 18:18	18°♌32'19	
	-512 Aug 15 j 13:24	0°♍	
desc. node	-512 Aug 21 j 00:37	8°♍38'23	
	-512 Sep 05 j 05:20	0°♎	
evening max el	-512 Sep 13 j 10:27	9°♎20'20	24°50'54
retrograde	-512 Sep 25 j 01:00	16°♎05'27	
evening set	-512 Sep 30 j 15:51	13°♎43'55	
min. Earth dist.	-512 Oct 05 j 06:18	8°♎30'38	0.67262 AU
inferior conj	-512 Oct 06 j 03:13	7°♎21'28	0°-38'-20
minimum elong	-512 Oct 06 j 04:10	7°♎18'20	0°37'57

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

asc. node	-512 Oct 07 j 23:43	4°♎57'58	
morning rise	-512 Oct 11 j 16:56	1°♎17'25	
direct	-512 Oct 15 j 06:14	0°♎04'35	
morning max el	-512 Oct 22 j 19:51	4°♎25'03	19°57'20
greatest brilliancy	-512 Oct 30 j 05:41	13°♎32'23	-0.6m
	-512 Nov 10 j 10:33	0°♏	
desc. node	-512 Nov 16 j 23:52	10°♏02'19	
morning set	-512 Nov 17 j 23:36	11°♏33'56	
max. Earth dist.	-512 Nov 29 j 13:32	29°♏43'30	1.43989 AU
	-512 Nov 29 j 17:40	0°♐	
superior conj	-512 Dec 04 j 14:27	7°♐50'19	-1°-39'-28
minimum elong	-512 Dec 04 j 07:12	7°♐20'48	1°38'54
evening rise	-512 Dec 17 j 22:24	0°♑07'53	
	-512 Dec 17 j 20:34	0°♑	
asc. node	-511 Jan 03 j 23:02	26°♑55'10	
evening max el	-511 Jan 05 j 00:33	28°♑03'32	18°14'28
	-511 Jan 07 j 06:31	0°♒	
retrograde	-511 Jan 11 j 12:24	1°♒32'35	
evening set	-511 Jan 14 j 08:23	0°♒50'39	
	-511 Jan 15 j 18:25	30°℞♑	
inferior conj	-511 Jan 20 j 12:57	25°♑29'06	3°48'59
minimum elong	-511 Jan 20 j 11:46	25°♑32'21	3°48'53
min. Earth dist.	-511 Jan 23 j 01:25	22°♑44'27	0.63277 AU
morning rise	-511 Jan 26 j 13:24	19°♑27'59	
direct	-511 Feb 02 j 13:05	16°♑43'59	
desc. node	-511 Feb 12 j 23:04	21°♑28'35	
morning max el	-511 Feb 16 j 08:53	24°♑34'55	27°42'12
	-511 Feb 21 j 07:30	0°♒	
	-511 Mar 13 j 11:27	0°♓	
morning set	-511 Mar 22 j 16:50	17°♓20'07	
max. Earth dist.	-511 Mar 28 j 01:41	28°♓24'50	1.33046 AU
	-511 Mar 28 j 19:36	0°♈	
superior conj	-511 Mar 30 j 09:55	3°♈25'02	0°-26'-19
minimum elong	-511 Mar 30 j 11:10	3°♈31'46	0°26'03
asc. node	-511 Apr 01 j 22:22	8°♈51'13	
evening rise	-511 Apr 06 j 12:45	18°♈42'50	
	-511 Apr 12 j 02:36	0°♉	
evening max el	-511 Apr 29 j 15:26	25°♉41'22	23°19'29
	-511 May 05 j 03:13	0°♊	
desc. node	-511 May 11 j 22:20	2°♊22'55	
retrograde	-511 May 13 j 04:16	2°♊26'27	
evening set	-511 May 16 j 21:18	1°♊56'13	
	-511 May 21 j 16:04	30°℞♉	
min. Earth dist.	-511 May 24 j 01:29	28°♉40'17	0.55812 AU
inferior conj	-511 May 25 j 23:15	27°♉32'48	-3°-35'-27
minimum elong	-511 May 25 j 16:17	27°♉43'08	3°33'47
morning rise	-511 Jun 03 j 14:38	23°♉37'30	
direct	-511 Jun 06 j 07:10	23°♉19'53	
morning max el	-511 Jun 16 j 20:15	28°♉12'35	20°19'56
	-511 Jun 18 j 15:06	0°♊	
asc. node	-511 Jun 28 j 21:35	15°♊05'58	
morning set	-511 Jul 05 j 08:27	27°♊38'40	
	-511 Jul 06 j 12:06	0°♋	
superior conj	-511 Jul 13 j 01:56	13°♋28'36	1°44'32
minimum elong	-511 Jul 13 j 00:38	13°♋22'01	1°44'28
max. Earth dist.	-511 Jul 18 j 03:26	23°♋29'03	1.36395 AU
	-511 Jul 21 j 14:12	0°♌	
evening rise	-511 Jul 22 j 04:05	1°♌04'02	
desc. node	-511 Aug 07 j 21:39	28°♌51'10	
	-511 Aug 08 j 16:14	0°♍	
evening max el	-511 Aug 26 j 21:45	22°♍56'05	26°00'30
	-511 Sep 07 j 11:46	0°♎	
retrograde	-511 Sep 08 j 09:23	0°♎02'56	
	-511 Sep 09 j 06:35	30°℞♍	
evening set	-511 Sep 14 j 14:47	27°♍26'42	
min. Earth dist.	-511 Sep 18 j 21:08	22°♍50'07	0.66592 AU
inferior conj	-511 Sep 20 j 05:21	21°♍09'03	-1°-34'-6
minimum elong	-511 Sep 20 j 07:43	21°♍01'37	1°33'09
asc. node	-511 Sep 24 j 20:45	16°♍05'10	
morning rise	-511 Sep 26 j 01:30	15°♍14'36	
direct	-511 Sep 29 j 04:32	14°♍18'28	
morning max el	-511 Oct 06 j 03:09	18°♍12'20	19°01'24
	-511 Oct 15 j 04:02	0°♎	
morning set	-511 Oct 28 j 08:36	20°♎26'08	
	-511 Nov 03 j 10:50	0°♏	
desc. node	-511 Nov 03 j 20:56	0°♏39'37	
max. Earth dist.	-511 Nov 12 j 05:36	13°♏47'34	1.44839 AU
superior conj	-511 Nov 13 j 23:03	16°♏30'59	-1°-2'-48
minimum elong	-511 Nov 13 j 15:37	16°♏01'40	1°01'57
	-511 Nov 22 j 10:24	0°♐	
evening rise	-511 Nov 29 j 04:13	10°♐54'44	
	-511 Dec 10 j 23:59	0°♑	
evening max el	-511 Dec 19 j 12:17	11°♑27'00	18°39'28
asc. node	-511 Dec 21 j 20:02	13°♑30'24	
retrograde	-511 Dec 26 j 04:24	15°♑10'28	
evening set	-511 Dec 29 j 05:30	14°♑18'04	
inferior conj	-510 Jan 04 j 02:16	8°♑38'19	3°31'06
minimum elong	-510 Jan 03 j 23:53	8°♑45'29	3°30'42
min. Earth dist.	-510 Jan 05 j 23:30	6°♑22'41	0.64889 AU
morning rise	-510 Jan 09 j 17:05	2°♑29'57	
	-510 Jan 14 j 00:36	30°℞♐	
direct	-510 Jan 16 j 10:50	29°♐38'40	
	-510 Jan 18 j 23:48	0°♑	
morning max el	-510 Jan 29 j 18:28	7°♑23'01	27°07'47
desc. node	-510 Jan 30 j 20:07	8°♑28'38	
	-510 Feb 16 j 07:12	0°♒	
	-510 Mar 05 j 17:58	0°♓	
morning set	-510 Mar 06 j 07:01	1°♓02'57	
max. Earth dist.	-510 Mar 10 j 22:49	10°♓18'42	1.34006 AU
superior conj	-510 Mar 14 j 13:31	17°♓47'40	0°-52'-49
minimum elong	-510 Mar 14 j 16:01	18°♓00'47	0°52'21
asc. node	-510 Mar 19 j 19:24	28°♓53'55	
	-510 Mar 20 j 07:55	0°♈	
evening rise	-510 Mar 21 j 23:18	3°♈26'48	
	-510 Apr 05 j 22:00	0°♉	
evening max el	-510 Apr 11 j 10:24	6°♉23'27	21°46'15
retrograde	-510 Apr 23 j 21:03	12°♉27'39	
evening set	-510 Apr 26 j 11:11	12°♉12'37	
desc. node	-510 Apr 28 j 19:19	11°♉35'01	
inferior conj	-510 May 05 j 20:25	8°♉09'29	-1°-58'-23
minimum elong	-510 May 05 j 15:03	8°♉17'00	1°56'36
min. Earth dist.	-510 May 05 j 14:34	8°♉17'42	0.55055 AU
morning rise	-510 May 14 j 19:55	4°♉12'37	
direct	-510 May 17 j 19:33	3°♉52'57	
morning max el	-510 May 30 j 00:21	9°♉37'54	21°46'00
	-510 Jun 13 j 10:18	0°♊	
asc. node	-510 Jun 15 j 18:40	4°♊28'01	
morning set	-510 Jun 19 j 17:30	12°♊27'06	
superior conj	-510 Jun 27 j 02:00	27°♊55'02	1°34'58
minimum elong	-510 Jun 26 j 23:47	27°♊43'25	1°34'46
	-510 Jun 28 j 02:00	0°♋	
max. Earth dist.	-510 Jun 30 j 16:53	5°♋22'51	1.34841 AU
evening rise	-510 Jul 05 j 07:06	14°♋27'29	
	-510 Jul 13 j 20:38	0°♌	
desc. node	-510 Jul 25 j 18:41	18°♌40'36	
	-510 Aug 03 j 10:00	0°♍	
evening max el	-510 Aug 09 j 09:32	6°♍27'52	26°53'23
retrograde	-510 Aug 22 j 12:39	13°♍45'34	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-510 Aug 29 j 06:43	11°♍01'10	
min. Earth dist.	-510 Sep 02 j 05:37	7°♍02'13	0.65571 AU
inferior conj	-510 Sep 04 j 02:09	4°♍52'19	-2°-28'-56
minimum elong	-510 Sep 04 j 05:49	4°♍41'36	2°27'37
	-510 Sep 08 j 22:26	30°℞♌	
morning rise	-510 Sep 10 j 06:17	29°♌10'30	
asc. node	-510 Sep 11 j 17:49	28°♌36'55	
direct	-510 Sep 13 j 01:27	28°♌27'17	
	-510 Sep 17 j 06:30	0°♍	
morning max el	-510 Sep 19 j 15:44	2°♍03'37	18°21'30
	-510 Oct 08 j 10:57	0°♎	
morning set	-510 Oct 08 j 20:40	0°♎39'35	
desc. node	-510 Oct 21 j 17:58	21°♎23'02	
superior conj	-510 Oct 23 j 23:36	24°♎55'05	0°-14'-35
minimum elong	-510 Oct 23 j 21:41	24°♎47'31	0°14'20
behind sun begin	-510 Oct 23 j 16:20	24°♎26'24	
behind sun end	-510 Oct 24 j 03:02	25°♎08'38	
max. Earth dist.	-510 Oct 25 j 23:58	28°♎05'40	1.44967 AU
	-510 Oct 27 j 05:03	0°♏	
evening rise	-510 Nov 09 j 10:05	20°♏42'16	
	-510 Nov 15 j 08:28	0°♐	
greatest brilliancy	-510 Nov 23 j 14:37	12°♐41'43	-0.7m
evening max el	-510 Dec 02 j 21:03	24°♐54'05	19°21'37
asc. node	-510 Dec 08 j 17:05	28°♐51'24	
retrograde	-510 Dec 10 j 00:28	29°♐00'58	
evening set	-510 Dec 13 j 08:20	27°♐56'20	
inferior conj	-510 Dec 18 j 23:37	22°♐01'07	3°01'11
minimum elong	-510 Dec 18 j 20:47	22°♐10'14	3°00'28
min. Earth dist.	-510 Dec 20 j 06:19	20°♐22'15	0.66126 AU
morning rise	-510 Dec 24 j 08:24	15°♐48'13	
direct	-510 Dec 30 j 14:48	13°♐03'10	
morning max el	-509 Jan 12 j 03:51	20°♐28'00	26°06'08
desc. node	-509 Jan 17 j 17:10	26°♐39'08	
	-509 Jan 20 j 09:37	0°♑	
	-509 Feb 09 j 10:22	0°♒	
morning set	-509 Feb 17 j 07:51	14°♒00'49	
max. Earth dist.	-509 Feb 21 j 08:00	21°♒37'14	1.35424 AU
	-509 Feb 25 j 13:32	0°♓	
superior conj	-509 Feb 26 j 10:05	1°♓44'03	-1°-17'-57
minimum elong	-509 Feb 26 j 13:33	2°♓01'41	1°17'26
evening rise	-509 Mar 06 j 06:39	17°♓54'56	
asc. node	-509 Mar 06 j 16:27	18°♓45'01	
	-509 Mar 12 j 10:09	0°♈	
evening max el	-509 Mar 24 j 15:14	17°♈34'43	20°24'43
retrograde	-509 Apr 04 j 10:28	22°♈45'44	
evening set	-509 Apr 06 j 14:11	22°♈34'14	
inferior conj	-509 Apr 15 j 15:52	18°♈36'39	0°00'21
minimum elong	-509 Apr 15 j 15:53	18°♈36'37	0°00'21
transit middle	-509 Apr 15 j 15:53	18°♈36'37	0°00'21
transit begin	-509 Apr 15 j 11:50	18°♈42'32	
transit end	-509 Apr 15 j 19:56	18°♈30'42	
desc. node	-509 Apr 15 j 16:22	18°♈35'55	
min. Earth dist.	-509 Apr 17 j 04:19	17°♈43'25	0.55244 AU
morning rise	-509 Apr 24 j 15:30	14°♈19'47	
direct	-509 Apr 28 j 07:53	13°♈50'17	
morning max el	-509 May 11 j 19:12	20°♈25'36	23°24'33
	-509 May 19 j 21:39	0°♉	
asc. node	-509 Jun 02 j 15:45	24°♉11'01	
morning set	-509 Jun 04 j 04:55	27°♉24'03	
	-509 Jun 05 j 10:28	0°♊	
superior conj	-509 Jun 11 j 08:06	12°♊40'05	1°20'12
minimum elong	-509 Jun 11 j 05:35	12°♊26'35	1°19'52
max. Earth dist.	-509 Jun 13 j 16:15	17°♊38'59	1.33665 AU
evening rise	-509 Jun 18 j 22:45	28°♊29'20	
	-509 Jun 19 j 17:02	0°♋	
	-509 Jul 07 j 00:40	0°♌	
desc. node	-509 Jul 12 j 15:42	7°♌57'00	
evening max el	-509 Jul 22 j 21:02	19°♌45'48	27°22'09
retrograde	-509 Aug 05 j 10:08	27°♌05'46	
evening set	-509 Aug 12 j 12:50	24°♌23'03	
min. Earth dist.	-509 Aug 16 j 05:37	20°♌59'55	0.64190 AU
inferior conj	-509 Aug 18 j 15:17	18°♌26'50	-3°-20'-10
minimum elong	-509 Aug 18 j 19:49	18°♌14'46	3°18'51
morning rise	-509 Aug 25 j 04:41	13°♌01'01	
direct	-509 Aug 27 j 18:35	12°♌27'10	
asc. node	-509 Aug 29 j 14:55	12°♌44'42	
morning max el	-509 Sep 03 j 07:03	15°♌54'06	17°58'45
	-509 Sep 13 j 07:05	0°♍	
morning set	-509 Sep 20 j 12:17	12°♍13'23	
	-509 Oct 01 j 02:25	0°♎	
superior conj	-509 Oct 03 j 14:06	4°♎03'43	0°32'50
minimum elong	-509 Oct 03 j 17:41	4°♎18'14	0°32'20
max. Earth dist.	-509 Oct 08 j 17:54	12°♎21'05	1.44372 AU
desc. node	-509 Oct 08 j 15:01	12°♎09'37	
evening rise	-509 Oct 19 j 21:19	29°♎46'28	
	-509 Oct 20 j 00:50	0°♏	
	-509 Nov 09 j 05:00	0°♐	
greatest brilliancy	-509 Nov 09 j 14:17	0°♐31'33	-0.6m
evening max el	-509 Nov 16 j 01:02	8°♐22'36	20°18'53
retrograde	-509 Nov 23 j 22:02	13°♐00'36	
asc. node	-509 Nov 25 j 14:08	12°♐44'40	
evening set	-509 Nov 27 j 14:38	11°♐41'35	
inferior conj	-509 Dec 03 j 02:18	5°♐33'50	2°22'28
minimum elong	-509 Dec 02 j 23:38	5°♐42'51	2°21'35
min. Earth dist.	-509 Dec 03 j 20:00	4°♐34'11	0.66981 AU
	-509 Dec 07 j 14:38	30°℞♏	
morning rise	-509 Dec 08 j 08:06	29°♏18'40	
direct	-509 Dec 14 j 00:06	26°♏49'31	
	-509 Dec 21 j 09:48	0°♐	
morning max el	-509 Dec 25 j 12:17	3°♐40'49	24°46'42
desc. node	-508 Jan 04 j 14:14	15°♐39'41	
	-508 Jan 14 j 16:26	0°♑	
morning set	-508 Jan 30 j 14:00	25°♑58'44	
	-508 Feb 01 j 19:57	0°♒	
max. Earth dist.	-508 Feb 03 j 07:00	2°♒39'44	1.37261 AU
superior conj	-508 Feb 09 j 20:31	15°♒05'42	-1°-39'-42
minimum elong	-508 Feb 10 j 00:16	15°♒23'59	1°39'20
	-508 Feb 17 j 08:23	0°♓	
evening rise	-508 Feb 18 j 08:36	2°♓01'06	
asc. node	-508 Feb 21 j 13:29	8°♓19'41	
evening max el	-508 Mar 06 j 07:11	29°♓23'33	19°20'48
	-508 Mar 06 j 22:55	0°♈	
retrograde	-508 Mar 15 j 09:55	3°♈45'59	
evening set	-508 Mar 17 j 14:37	3°♈31'52	
	-508 Mar 25 j 01:21	30°℞♓	
inferior conj	-508 Mar 25 j 23:31	29°♓23'40	1°47'12
minimum elong	-508 Mar 26 j 03:27	29°♓17'10	1°46'00
min. Earth dist.	-508 Mar 28 j 19:04	27°♓32'48	0.56337 AU
desc. node	-508 Apr 01 j 13:25	25°♓24'32	
morning rise	-508 Apr 03 j 12:27	24°♓35'22	
direct	-508 Apr 08 j 06:22	23°♓43'51	
	-508 Apr 21 j 09:52	0°♈	
morning max el	-508 Apr 22 j 09:52	0°♈55'52	25°03'59
	-508 May 12 j 12:41	0°♉	
morning set	-508 May 18 j 16:57	12°♉23'29	
asc. node	-508 May 19 j 12:48	14°♉08'29	
superior conj	-508 May 25 j 17:52	27°♉35'48	1°01'23
minimum elong	-508 May 25 j 15:34	27°♉23'19	1°00'59

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-508 May 26 j 20:23	0°♊	
max. Earth dist.	-508 May 26 j 23:37	0°♊17'31	1.32871 AU
evening rise	-508 Jun 01 j 23:13	12°♊57'36	
	-508 Jun 10 j 20:33	0°♋	
desc. node	-508 Jun 28 j 12:44	26°♋25'59	
	-508 Jul 01 j 16:18	0°♌	
evening max el	-508 Jul 04 j 05:53	2°♌35'38	27°20'47
retrograde	-508 Jul 18 j 01:05	9°♌53'54	
evening set	-508 Jul 25 j 05:26	7°♌25'27	
min. Earth dist.	-508 Jul 28 j 19:23	4°♌31'27	0.62466 AU
inferior conj	-508 Jul 31 j 17:45	1°♌44'59	-4°-3'-55
minimum elong	-508 Jul 31 j 22:13	1°♌34'25	4°03'02
	-508 Aug 02 j 15:13	30°℞♋	
morning rise	-508 Aug 07 j 17:27	26°♋38'41	
direct	-508 Aug 10 j 04:36	26°♋11'21	
asc. node	-508 Aug 15 j 12:00	28°♋20'38	
morning max el	-508 Aug 16 j 22:18	29°♋37'02	17°54'02
	-508 Aug 17 j 07:25	0°♌	
morning set	-508 Sep 02 j 01:49	24°♌49'48	
	-508 Sep 04 j 23:14	0°♍	
superior conj	-508 Sep 13 j 06:55	14°♍30'32	1°09'51
minimum elong	-508 Sep 13 j 12:01	14°♍52'10	1°09'16
max. Earth dist.	-508 Sep 20 j 08:25	26°♍15'17	1.43129 AU
	-508 Sep 22 j 16:02	0°♎	
desc. node	-508 Sep 24 j 12:03	2°♎55'44	
evening rise	-508 Sep 28 j 04:37	8°♎44'14	
	-508 Oct 12 j 06:54	0°♏	
greatest brilliancy	-508 Oct 23 j 22:39	16°♏03'35	-0.4m
evening max el	-508 Oct 28 j 23:09	21°♏50'38	21°28'28
retrograde	-508 Nov 06 j 19:01	27°♏05'29	
evening set	-508 Nov 10 j 22:23	25°♏30'03	
asc. node	-508 Nov 11 j 11:12	25°♏03'37	
inferior conj	-508 Nov 16 j 08:06	19°♏13'08	1°37'09
minimum elong	-508 Nov 16 j 06:03	19°♏20'13	1°36'21
min. Earth dist.	-508 Nov 16 j 14:13	18°♏52'01	0.67475 AU
morning rise	-508 Nov 21 j 13:25	12°♏57'46	
direct	-508 Nov 26 j 13:57	10°♏49'52	
morning max el	-508 Dec 06 j 21:23	16°♏57'55	23°19'28
greatest brilliancy	-508 Dec 12 j 04:02	22°♏54'05	-0.2m
	-508 Dec 17 j 16:04	0°♐	
desc. node	-508 Dec 21 j 11:17	5°♐15'22	
	-507 Jan 06 j 18:06	0°♑	
morning set	-507 Jan 10 j 19:09	6°♑40'17	
max. Earth dist.	-507 Jan 15 j 02:24	14°♑01'29	1.39344 AU
superior conj	-507 Jan 22 j 16:41	27°♑41'36	-1°-55'-21
minimum elong	-507 Jan 22 j 19:25	27°♑54'17	1°55'14
	-507 Jan 23 j 22:22	0°♒	
evening rise	-507 Feb 01 j 02:26	15°♒38'05	
asc. node	-507 Feb 07 j 10:31	27°♒32'01	
	-507 Feb 08 j 20:19	0°♓	
evening max el	-507 Feb 17 j 08:37	11°♓47'18	18°36'45
retrograde	-507 Feb 25 j 03:41	15°♓35'30	
evening set	-507 Feb 27 j 12:39	15°♓15'34	
inferior conj	-507 Mar 07 j 03:16	10°♓48'27	3°01'18
minimum elong	-507 Mar 07 j 07:24	10°♓40'28	3°00'24
min. Earth dist.	-507 Mar 10 j 12:35	8°♓12'57	0.58080 AU
morning rise	-507 Mar 14 j 22:09	5°♓29'23	
desc. node	-507 Mar 19 j 10:27	4°♓08'12	
direct	-507 Mar 20 j 18:20	4°♓03'44	
morning max el	-507 Apr 04 j 02:39	11°♓38'08	26°29'00
	-507 Apr 18 j 08:45	0°♈	
morning set	-507 May 03 j 03:58	27°♈19'55	
	-507 May 04 j 10:17	0°♉	
asc. node	-507 May 06 j 09:51	4°♉15'24	

superior conj	-507 May 10 j 05:26	12°♉35'55	0°39'24
minimum elong	-507 May 10 j 03:47	12°♉26'53	0°39'04
max. Earth dist.	-507 May 10 j 11:37	13°♉09'51	1.32444 AU
evening rise	-507 May 17 j 05:40	27°♉43'03	
	-507 May 18 j 08:05	0°♊	
	-507 Jun 04 j 07:15	0°♋	
desc. node	-507 Jun 15 j 09:44	13°♋47'42	
evening max el	-507 Jun 16 j 09:24	14°♋45'29	26°46'26
retrograde	-507 Jun 30 j 08:45	22°♋01'38	
evening set	-507 Jul 07 j 04:09	20°♋01'03	
min. Earth dist.	-507 Jul 10 j 22:56	17°♋22'38	0.60482 AU
inferior conj	-507 Jul 14 j 06:09	14°♋38'34	-4°-34'00
minimum elong	-507 Jul 14 j 08:53	14°♋32'52	4°33'45
morning rise	-507 Jul 21 j 16:47	9°♋54'32	
direct	-507 Jul 24 j 03:26	9°♋31'37	
morning max el	-507 Jul 31 j 10:33	13°♋05'35	18°08'26
asc. node	-507 Aug 02 j 09:04	15°♋10'31	
	-507 Aug 11 j 20:56	0°♌	
morning set	-507 Aug 16 j 07:33	8°♌13'18	
superior conj	-507 Aug 26 j 02:15	26°♌16'30	1°33'37
minimum elong	-507 Aug 26 j 05:58	26°♌33'08	1°33'20
	-507 Aug 28 j 04:33	0°♍	
max. Earth dist.	-507 Sep 02 j 17:12	9°♍31'35	1.41401 AU
evening rise	-507 Sep 08 j 01:55	18°♍22'29	
desc. node	-507 Sep 11 j 09:04	23°♍38'19	
	-507 Sep 15 j 11:17	0°♎	
greatest brilliancy	-507 Oct 06 j 16:27	29°♎45'23	-0.3m
	-507 Oct 06 j 21:17	0°♏	
evening max el	-507 Oct 11 j 15:40	5°♏19'23	22°46'11
retrograde	-507 Oct 21 j 13:52	11°♏13'11	
evening set	-507 Oct 26 j 05:53	9°♏19'53	
asc. node	-507 Oct 29 j 08:15	6°♏01'55	
inferior conj	-507 Oct 31 j 15:08	2°♏57'33	0°46'57
minimum elong	-507 Oct 31 j 14:03	3°♏01'16	0°46'29
min. Earth dist.	-507 Oct 31 j 10:39	3°♏13'00	0.67638 AU
	-507 Nov 02 j 20:05	30°℞♎	
morning rise	-507 Nov 05 j 22:10	26°♎44'19	
direct	-507 Nov 10 j 07:45	24°♎59'02	
	-507 Nov 19 j 01:50	0°♏	
morning max el	-507 Nov 19 j 10:21	0°♏21'17	21°53'34
greatest brilliancy	-507 Nov 24 j 05:41	5°♏47'48	-0.4m
desc. node	-507 Dec 08 j 08:18	25°♏16'17	
	-507 Dec 11 j 12:23	0°♐	
morning set	-507 Dec 21 j 19:06	15°♐57'13	
max. Earth dist.	-507 Dec 28 j 01:05	26°♐09'14	1.41415 AU
	-507 Dec 30 j 08:02	0°♑	
superior conj	-506 Jan 04 j 17:25	9°♑18'24	-2°-1'-7
minimum elong	-506 Jan 04 j 17:10	9°♑17'19	2°01'08
evening rise	-506 Jan 15 j 08:44	28°♑37'18	
	-506 Jan 16 j 02:38	0°♒	
asc. node	-506 Jan 25 j 07:33	16°♒13'58	
evening max el	-506 Jan 31 j 16:41	24°♒37'26	18°12'49
retrograde	-506 Feb 07 j 15:28	28°♒07'09	
evening set	-506 Feb 10 j 04:46	27°♒39'35	
inferior conj	-506 Feb 17 j 03:34	22°♒51'12	3°40'40
minimum elong	-506 Feb 17 j 05:42	22°♒46'23	3°40'25
min. Earth dist.	-506 Feb 20 j 11:29	19°♒53'20	0.60140 AU
morning rise	-506 Feb 24 j 03:25	17°♒09'56	
direct	-506 Mar 02 j 18:40	15°♒06'22	
desc. node	-506 Mar 06 j 07:28	15°♒39'28	
morning max el	-506 Mar 17 j 01:03	22°♒53'00	27°25'48
	-506 Mar 23 j 09:16	0°♓	
	-506 Apr 11 j 09:44	0°♈	
morning set	-506 Apr 17 j 12:08	12°♈05'41	
asc. node	-506 Apr 23 j 06:52	24°♈26'23	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

max. Earth dist.	-506 Apr 24 j 00:18	26°♈01'42	1.32377 AU
superior conj	-506 Apr 24 j 17:01	27°♈33'12	0°15'01
minimum elong	-506 Apr 24 j 16:20	27°♈29'30	0°14'53
behind sun begin	-506 Apr 24 j 14:38	27°♈20'08	
behind sun end	-506 Apr 24 j 18:03	27°♈38'52	
	-506 Apr 25 j 19:47	0°♉	
evening rise	-506 May 01 j 15:40	12°♉36'33	
	-506 May 10 j 12:10	0°♊	
evening max el	-506 May 29 j 06:04	26°♊09'43	25°41'21
desc. node	-506 Jun 02 j 06:45	29°♊33'30	
	-506 Jun 02 j 21:46	0°♋	
retrograde	-506 Jun 12 j 07:29	3°♋21'51	
evening set	-506 Jun 18 j 04:48	1°♋59'16	
	-506 Jun 21 j 17:32	30°℞♊	
min. Earth dist.	-506 Jun 22 j 18:22	29°♊18'11	0.58427 AU
inferior conj	-506 Jun 26 j 00:50	26°♊57'10	-4°-40'-55
minimum elong	-506 Jun 25 j 23:50	26°♊58'59	4°40'54
morning rise	-506 Jul 03 j 22:40	22°♊35'51	
direct	-506 Jul 06 j 10:34	22°♊15'57	
morning max el	-506 Jul 14 j 16:42	26°♊09'58	18°43'03
	-506 Jul 18 j 02:44	0°♋	
asc. node	-506 Jul 20 j 06:06	2°♋58'21	
morning set	-506 Jul 31 j 00:51	22°♋11'13	
	-506 Aug 04 j 01:00	0°♌	
superior conj	-506 Aug 08 j 18:49	9°♌06'04	1°45'17
minimum elong	-506 Aug 08 j 20:18	9°♌13'06	1°45'15
max. Earth dist.	-506 Aug 15 j 20:48	22°♌02'54	1.39418 AU
evening rise	-506 Aug 19 j 23:14	29°♌08'58	
	-506 Aug 20 j 11:18	0°♍	
desc. node	-506 Aug 29 j 06:06	14°♍13'33	
	-506 Sep 08 j 22:11	0°♎	
evening max el	-506 Sep 24 j 04:30	18°♎51'34	24°06'26
retrograde	-506 Oct 05 j 05:19	25°♎20'38	
evening set	-506 Oct 10 j 11:28	23°♎09'15	
inferior conj	-506 Oct 15 j 21:39	16°♎45'33	0°-6'-34
minimum elong	-506 Oct 15 j 21:49	16°♎45'01	0°06'31
transit middle	-506 Oct 15 j 21:49	16°♎45'01	0°06'31
transit begin	-506 Oct 15 j 19:19	16°♎53'28	
transit end	-506 Oct 16 j 00:19	16°♎36'34	
min. Earth dist.	-506 Oct 15 j 06:54	17°♎35'31	0.67486 AU
asc. node	-506 Oct 16 j 05:17	16°♎19'47	
morning rise	-506 Oct 21 j 08:24	10°♎37'06	
direct	-506 Oct 25 j 04:31	9°♎13'11	
morning max el	-506 Nov 02 j 05:58	13°♎54'01	20°36'07
greatest brilliancy	-506 Nov 08 j 09:43	21°♎12'01	-0.5m
	-506 Nov 14 j 17:55	0°♏	
desc. node	-506 Nov 25 j 05:20	15°♏35'30	
morning set	-506 Nov 30 j 19:51	24°♏12'40	
	-506 Dec 04 j 12:41	0°♐	
max. Earth dist.	-506 Dec 10 j 06:59	9°♐11'07	1.43193 AU
superior conj	-506 Dec 16 j 17:26	19°♐44'46	-1°-52'-30
minimum elong	-506 Dec 16 j 12:32	19°♐24'21	1°52'15
	-506 Dec 22 j 18:28	0°♑	
evening rise	-506 Dec 28 j 23:31	10°♑50'44	
	-505 Jan 09 j 05:12	0°♒	
asc. node	-505 Jan 12 j 04:35	4°♒16'17	
evening max el	-505 Jan 15 j 04:24	7°♒45'56	18°08'28
retrograde	-505 Jan 21 j 17:30	11°♒11'25	
evening set	-505 Jan 24 j 10:59	10°♒35'01	
inferior conj	-505 Jan 30 j 21:19	5°♒25'24	3°52'02
minimum elong	-505 Jan 30 j 21:11	5°♒25'45	3°52'02
min. Earth dist.	-505 Feb 02 j 18:18	2°♒29'52	0.62196 AU
	-505 Feb 05 j 13:23	30°℞♑	
morning rise	-505 Feb 06 j 05:08	29°♑30'10	
direct	-505 Feb 13 j 04:50	26°♑56'38	
desc. node	-505 Feb 21 j 04:30	29°♑45'56	
	-505 Feb 21 j 12:54	0°♒	
morning max el	-505 Feb 27 j 05:18	4°♒47'56	27°46'46
	-505 Mar 18 j 02:51	0°♓	
morning set	-505 Apr 01 j 15:26	26°♓33'42	
	-505 Apr 03 j 07:38	0°♈	
max. Earth dist.	-505 Apr 07 j 09:57	8°♈40'09	1.32685 AU
superior conj	-505 Apr 09 j 02:57	12°♈21'52	0°-10'-58
minimum elong	-505 Apr 09 j 03:28	12°♈24'39	0°10'52
behind sun begin	-505 Apr 08 j 23:42	12°♈04'09	
behind sun end	-505 Apr 09 j 07:15	12°♈45'10	
asc. node	-505 Apr 10 j 03:54	14°♈37'23	
evening rise	-505 Apr 16 j 03:19	27°♈31'22	
	-505 Apr 17 j 07:39	0°♉	
	-505 May 04 j 18:13	0°♊	
evening max el	-505 May 10 j 21:38	6°♊57'53	24°14'15
desc. node	-505 May 20 j 03:45	13°♊08'13	
retrograde	-505 May 24 j 18:38	13°♊56'55	
evening set	-505 May 29 j 07:13	13°♊11'19	
min. Earth dist.	-505 Jun 04 j 09:01	10°♊11'31	0.56613 AU
inferior conj	-505 Jun 06 j 23:29	8°♊33'28	-4°-12'-13
minimum elong	-505 Jun 06 j 17:59	8°♊42'08	4°11'19
morning rise	-505 Jun 15 j 08:33	4°♊30'57	
direct	-505 Jun 17 j 23:00	4°♊12'51	
morning max el	-505 Jun 27 j 13:51	8°♊40'35	19°38'33
asc. node	-505 Jul 07 j 03:08	21°♊31'01	
	-505 Jul 11 j 18:22	0°♋	
morning set	-505 Jul 15 j 02:16	6°♋34'25	
superior conj	-505 Jul 23 j 03:00	22°♋43'09	1°47'06
minimum elong	-505 Jul 23 j 02:33	22°♋40'51	1°47'06
	-505 Jul 26 j 20:54	0°♌	
max. Earth dist.	-505 Jul 29 j 00:03	4°♌01'26	1.37446 AU
evening rise	-505 Aug 01 j 20:54	11°♌05'29	
	-505 Aug 13 j 03:34	0°♍	
desc. node	-505 Aug 16 j 03:07	4°♍36'17	
	-505 Sep 04 j 06:44	0°♎	
evening max el	-505 Sep 06 j 16:03	2°♎27'40	25°22'09
retrograde	-505 Sep 18 j 16:23	9°♎23'13	
evening set	-505 Sep 24 j 13:23	6°♎55'12	
min. Earth dist.	-505 Sep 29 j 00:26	1°♎57'04	0.67017 AU
inferior conj	-505 Sep 30 j 01:56	0°♎34'20	-1°-2'00
minimum elong	-505 Sep 30 j 03:29	0°♎29'18	1°01'21
	-505 Sep 30 j 12:32	30°℞♍	
asc. node	-505 Oct 03 j 02:19	26°♍53'44	
morning rise	-505 Oct 05 j 18:10	24°♍33'42	
direct	-505 Oct 09 j 02:51	23°♍28'17	
morning max el	-505 Oct 16 j 09:12	27°♍36'22	19°31'34
	-505 Oct 18 j 13:25	0°♎	
greatest brilliancy	-505 Oct 25 j 04:35	8°♎50'34	-0.7m
	-505 Nov 08 j 03:42	0°♏	
morning set	-505 Nov 09 j 18:50	2°♏31'37	
desc. node	-505 Nov 12 j 02:23	6°♏07'20	
max. Earth dist.	-505 Nov 22 j 20:20	22°♏58'32	1.44439 AU
superior conj	-505 Nov 26 j 14:39	28°♏58'06	-1°-25'-57
minimum elong	-505 Nov 26 j 06:31	28°♏25'35	1°25'09
	-505 Nov 27 j 06:06	0°♐	
evening rise	-505 Dec 10 j 18:23	22°♐10'23	
	-505 Dec 15 j 10:22	0°♑	
evening max el	-505 Dec 29 j 16:54	21°♑05'20	18°22'59
asc. node	-505 Dec 30 j 01:37	21°♑27'00	
retrograde	-504 Jan 05 j 05:28	24°♑38'53	
evening set	-504 Jan 08 j 03:34	23°♑52'34	
inferior conj	-504 Jan 14 j 04:31	18°♑23'06	3°43'04

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-504 Jan 14 j 02:43	18°♑28'12	3°42'52
min. Earth dist.	-504 Jan 16 j 10:32	15°♑49'30	0.64012 AU
morning rise	-504 Jan 20 j 00:25	12°♑18'49	
direct	-504 Jan 26 j 22:35	9°♑29'50	
desc. node	-504 Feb 08 j 01:32	15°♑52'00	
morning max el	-504 Feb 09 j 13:32	17°♑18'37	27°31'23
	-504 Feb 20 j 04:21	0°♒	
	-504 Mar 09 j 21:55	0°♓	
morning set	-504 Mar 15 j 11:18	10°♓35'21	
max. Earth dist.	-504 Mar 20 j 12:40	20°♓52'31	1.33397 AU
superior conj	-504 Mar 23 j 09:28	26°♓55'37	0°-37'-37
minimum elong	-504 Mar 23 j 11:15	27°♓05'10	0°37'16
	-504 Mar 24 j 19:58	0°♈	
asc. node	-504 Mar 27 j 00:57	4°♈44'15	
evening rise	-504 Mar 30 j 14:47	12°♈21'00	
	-504 Apr 08 j 16:39	0°♉	
evening max el	-504 Apr 21 j 13:25	17°♉33'45	22°39'07
retrograde	-504 May 04 j 16:50	24°♉03'03	
desc. node	-504 May 06 j 00:45	23°♉59'06	
evening set	-504 May 07 j 20:50	23°♉41'05	
min. Earth dist.	-504 May 15 j 21:49	20°♉10'41	0.55383 AU
inferior conj	-504 May 17 j 03:44	19°♉28'00	-2°-58'-53
minimum elong	-504 May 16 j 20:45	19°♉38'00	2°56'54
morning rise	-504 May 25 j 23:09	15°♉34'12	
direct	-504 May 28 j 18:09	15°♉16'08	
morning max el	-504 Jun 09 j 00:09	20°♉30'13	20°54'27
	-504 Jun 16 j 18:20	0°♊	
asc. node	-504 Jun 23 j 00:12	10°♊38'02	
morning set	-504 Jun 28 j 09:14	21°♊16'17	
	-504 Jul 02 j 14:10	0°♋	
superior conj	-504 Jul 05 j 22:22	6°♋55'15	1°41'12
minimum elong	-504 Jul 05 j 20:36	6°♋46'09	1°41'05
max. Earth dist.	-504 Jul 10 j 09:00	15°♋52'24	1.35696 AU
evening rise	-504 Jul 14 j 14:43	24°♋01'41	
	-504 Jul 17 j 20:43	0°♌	
desc. node	-504 Aug 02 j 00:09	24°♌40'39	
	-504 Aug 05 j 17:53	0°♍	
evening max el	-504 Aug 19 j 03:49	16°♍04'04	26°25'28
retrograde	-504 Aug 31 j 22:27	23°♍15'48	
evening set	-504 Sep 07 j 09:40	20°♍35'19	
min. Earth dist.	-504 Sep 11 j 12:51	16°♍14'43	0.66210 AU
inferior conj	-504 Sep 13 j 02:06	14°♍21'12	-1°-57'-35
minimum elong	-504 Sep 13 j 05:03	14°♍12'12	1°56'26
asc. node	-504 Sep 18 j 23:22	8°♍34'39	
morning rise	-504 Sep 19 j 01:29	8°♍31'39	
direct	-504 Sep 22 j 00:58	7°♍41'18	
morning max el	-504 Sep 28 j 19:02	11°♍26'14	18°42'21
	-504 Oct 12 j 02:01	0°♎	
morning set	-504 Oct 19 j 14:38	11°♎57'23	
desc. node	-504 Oct 28 j 23:27	26°♎47'54	
	-504 Oct 31 j 00:14	0°♏	
superior conj	-504 Nov 04 j 17:09	7°♏24'06	0°-43'-4
minimum elong	-504 Nov 04 j 11:36	7°♏02'17	0°42'23
max. Earth dist.	-504 Nov 04 j 14:21	7°♏13'05	1.44996 AU
	-504 Nov 18 j 23:57	0°♐	
evening rise	-504 Nov 20 j 13:59	2°♐31'52	
	-504 Dec 08 j 08:55	0°♑	
evening max el	-504 Dec 12 j 03:39	4°♑30'39	18°55'21
asc. node	-504 Dec 15 j 22:39	7°♑32'32	
retrograde	-504 Dec 18 j 23:36	8°♑22'50	
evening set	-504 Dec 22 j 03:27	7°♑25'16	
inferior conj	-504 Dec 27 j 21:36	1°♑38'21	3°19'37
minimum elong	-504 Dec 27 j 18:57	1°♑46'36	3°19'04
	-504 Dec 29 j 05:16	30°℞♐	

min. Earth dist.	-504 Dec 29 j 12:23	29°♐38'08	0.65469 AU
morning rise	-503 Jan 02 j 09:29	25°♐27'55	
direct	-503 Jan 08 j 22:52	22°♐38'10	
	-503 Jan 21 j 17:13	0°♑	
morning max el	-503 Jan 21 j 23:17	0°♑15'06	26°44'23
desc. node	-503 Jan 24 j 22:36	3°♑24'46	
	-503 Feb 13 j 03:22	0°♒	
morning set	-503 Feb 26 j 20:20	24°♒00'05	
	-503 Mar 01 j 22:37	0°♓	
max. Earth dist.	-503 Mar 03 j 05:05	2°♓31'15	1.34555 AU
superior conj	-503 Mar 07 j 10:23	11°♓07'32	-1°-3'-45
minimum elong	-503 Mar 07 j 13:21	11°♓22'53	1°03'15
asc. node	-503 Mar 13 j 22:00	24°♓42'22	
evening rise	-503 Mar 15 j 00:14	26°♓58'52	
	-503 Mar 16 j 11:27	0°♈	
evening max el	-503 Apr 03 j 12:00	28°♈25'09	21°09'39
	-503 Apr 05 j 06:28	0°♉	
retrograde	-503 Apr 15 j 06:40	4°♉07'36	
evening set	-503 Apr 17 j 14:39	3°♉54'57	
desc. node	-503 Apr 22 j 21:47	2°♉05'20	
inferior conj	-503 Apr 26 j 22:15	29°♈56'06	-1°-8'-40
minimum elong	-503 Apr 26 j 19:00	0°♉00'41	1°07'32
	-503 Apr 26 j 19:29	30°℞♈	
min. Earth dist.	-503 Apr 27 j 10:45	29°♈38'28	0.55011 AU
morning rise	-503 May 05 j 23:08	25°♈53'22	
direct	-503 May 09 j 04:32	25°♈30'52	
	-503 May 20 j 03:05	0°♉	
morning max el	-503 May 21 j 23:51	1°♉37'36	22°27'06
asc. node	-503 Jun 09 j 21:17	0°♊09'51	
	-503 Jun 09 j 19:19	0°♊	
morning set	-503 Jun 12 j 19:33	6°♊09'24	
superior conj	-503 Jun 20 j 01:20	21°♊30'49	1°29'17
minimum elong	-503 Jun 19 j 22:55	21°♊18'02	1°29'00
max. Earth dist.	-503 Jun 23 j 02:53	27°♊55'37	1.34290 AU
	-503 Jun 24 j 03:05	0°♋	
evening rise	-503 Jun 27 j 23:36	7°♋42'50	
	-503 Jul 10 j 10:05	0°♌	
desc. node	-503 Jul 19 j 21:10	14°♌17'40	
evening max el	-503 Aug 01 j 15:35	29°♌31'12	27°08'49
	-503 Aug 02 j 03:45	0°♍	
retrograde	-503 Aug 14 j 23:13	6°♍50'24	
evening set	-503 Aug 21 j 21:49	4°♍05'02	
min. Earth dist.	-503 Aug 25 j 17:48	0°♍22'07	0.65038 AU
	-503 Aug 26 j 01:48	30°℞♌	
inferior conj	-503 Aug 27 j 19:58	28°♌01'19	-2°-51'-15
minimum elong	-503 Aug 28 j 00:05	27°♌49'44	2°49'53
morning rise	-503 Sep 03 j 03:56	22°♌26'09	
direct	-503 Sep 05 j 20:35	21°♌47'18	
asc. node	-503 Sep 05 j 20:27	21°♌47'18	
morning max el	-503 Sep 12 j 09:11	25°♌18'17	18°09'40
	-503 Sep 16 j 07:10	0°♍	
morning set	-503 Sep 30 j 14:54	22°♍46'41	
	-503 Oct 04 j 23:43	0°♎	
superior conj	-503 Oct 14 j 21:14	16°♎00'32	0°06'23
minimum elong	-503 Oct 14 j 22:01	16°♎03'43	0°06'15
behind sun begin	-503 Oct 14 j 11:55	15°♎23'29	
behind sun end	-503 Oct 15 j 08:07	16°♎43'53	
desc. node	-503 Oct 15 j 20:31	17°♎33'09	
max. Earth dist.	-503 Oct 18 j 09:09	21°♎33'12	1.44804 AU
	-503 Oct 23 j 18:15	0°♏	
evening rise	-503 Oct 31 j 10:46	11°♏58'11	
	-503 Nov 12 j 04:04	0°♐	
greatest brilliancy	-503 Nov 17 j 15:09	8°♐03'44	-0.6m
evening max el	-503 Nov 25 j 10:29	17°♐58'19	19°44'12

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-503 Dec 02 j 20:44	22°♐17'57	
asc. node	-503 Dec 02 j 19:41	22°♐17'57	
evening set	-503 Dec 06 j 08:02	21°♐07'25	
inferior conj	-503 Dec 11 j 21:32	15°♐06'10	2°45'43
minimum elong	-503 Dec 11 j 18:43	15°♐15'30	2°44'53
min. Earth dist.	-503 Dec 12 j 22:27	13°♐44'05	0.66533 AU
morning rise	-503 Dec 17 j 04:43	8°♐51'54	
direct	-503 Dec 23 j 05:03	6°♐12'56	
morning max el	-502 Jan 04 j 08:31	13°♐25'29	25°33'58
desc. node	-502 Jan 11 j 19:42	21°♐58'59	
	-502 Jan 17 j 19:55	0°♑	
	-502 Feb 05 j 21:25	0°♒	
morning set	-502 Feb 09 j 14:01	6°♒34'59	
max. Earth dist.	-502 Feb 13 j 09:47	13°♒41'11	1.36159 AU
superior conj	-502 Feb 19 j 03:05	24°♒50'21	-1°-27'-44
minimum elong	-502 Feb 19 j 06:47	25°♒08'53	1°27'15
	-502 Feb 21 j 16:32	0°♓	
evening rise	-502 Feb 27 j 05:39	11°♓18'51	
asc. node	-502 Feb 28 j 19:03	14°♓27'21	
	-502 Mar 09 j 06:22	0°♈	
evening max el	-502 Mar 16 j 21:31	9°♈51'51	19°55'09
retrograde	-502 Mar 26 j 23:16	14°♈41'29	
evening set	-502 Mar 29 j 02:19	14°♈29'31	
inferior conj	-502 Apr 06 j 21:28	10°♈28'48	0°48'49
minimum elong	-502 Apr 06 j 23:34	10°♈25'34	0°48'07
min. Earth dist.	-502 Apr 09 j 00:58	9°♈10'08	0.55600 AU
desc. node	-502 Apr 09 j 18:49	8°♈43'40	
morning rise	-502 Apr 15 j 17:45	5°♈59'00	
direct	-502 Apr 19 j 19:58	5°♈22'02	
morning max el	-502 May 03 j 16:23	12°♈15'23	24°07'43
	-502 May 17 j 04:36	0°♉	
asc. node	-502 May 27 j 18:22	19°♉59'35	
morning set	-502 May 28 j 07:25	21°♉07'58	
	-502 Jun 01 j 10:51	0°♊	
superior conj	-502 Jun 04 j 09:16	6°♊21'17	1°12'40
minimum elong	-502 Jun 04 j 06:47	6°♊07'53	1°12'18
max. Earth dist.	-502 Jun 06 j 05:46	10°♊20'39	1.33273 AU
evening rise	-502 Jun 11 j 19:22	21°♊56'50	
	-502 Jun 15 j 21:53	0°♋	
	-502 Jul 04 j 06:47	0°♌	
desc. node	-502 Jul 06 j 18:09	3°♌15'48	
evening max el	-502 Jul 15 j 02:01	12°♌37'48	27°25'25
retrograde	-502 Jul 28 j 18:13	19°♌58'10	
evening set	-502 Aug 04 j 22:42	17°♌19'29	
min. Earth dist.	-502 Aug 08 j 13:30	14°♌10'08	0.63496 AU
inferior conj	-502 Aug 11 j 04:55	11°♌29'25	-3°-39'-56
minimum elong	-502 Aug 11 j 09:35	11°♌17'35	3°38'45
morning rise	-502 Aug 17 j 22:39	6°♌11'47	
direct	-502 Aug 20 j 10:57	5°♌41'10	
asc. node	-502 Aug 23 j 17:33	6°♌33'49	
morning max el	-502 Aug 27 j 00:53	9°♌06'37	17°54'27
	-502 Sep 09 j 22:13	0°♍	
morning set	-502 Sep 12 j 16:32	4°♍48'50	
superior conj	-502 Sep 24 j 22:17	25°♍40'55	0°50'06
minimum elong	-502 Sep 25 j 03:00	26°♍00'23	0°49'30
	-502 Sep 27 j 13:23	0°♎	
max. Earth dist.	-502 Oct 01 j 01:28	5°♎39'54	1.43913 AU
desc. node	-502 Oct 02 j 17:31	8°♎19'49	
evening rise	-502 Oct 10 j 17:58	20°♎53'15	
	-502 Oct 16 j 17:00	0°♏	
greatest brilliancy	-502 Nov 02 j 18:32	24°♏38'48	-0.5m
	-502 Nov 07 j 03:47	0°♐	
evening max el	-502 Nov 08 j 11:55	1°♐26'10	20°47'12
retrograde	-502 Nov 16 j 18:21	6°♐19'50	
asc. node	-502 Nov 19 j 16:45	5°♐30'53	
evening set	-502 Nov 20 j 15:09	4°♐54'15	
	-502 Nov 25 j 02:50	30°♑♏	
inferior conj	-502 Nov 26 j 01:48	28°♏42'06	2°03'58
minimum elong	-502 Nov 25 j 23:20	28°♏50'30	2°03'04
min. Earth dist.	-502 Nov 26 j 14:28	27°♏58'51	0.67230 AU
morning rise	-502 Dec 01 j 07:05	22°♏26'17	
direct	-502 Dec 06 j 16:28	20°♏05'41	
morning max el	-502 Dec 17 j 16:55	26°♏40'13	24°09'53
	-502 Dec 20 j 19:04	0°♐	
desc. node	-502 Dec 29 j 16:44	11°♐15'54	
	-501 Jan 11 j 10:55	0°♑	
morning set	-501 Jan 22 j 10:16	18°♑02'20	
max. Earth dist.	-501 Jan 26 j 05:49	24°♑45'21	1.38127 AU
	-501 Jan 29 j 03:03	0°♒	
superior conj	-501 Feb 02 j 07:57	7°♒53'36	-1°-47'-19
minimum elong	-501 Feb 02 j 11:28	8°♒10'25	1°47'02
evening rise	-501 Feb 11 j 04:28	25°♒13'03	
	-501 Feb 13 j 15:12	0°♓	
asc. node	-501 Feb 15 j 16:04	3°♓53'08	
evening max el	-501 Feb 27 j 17:50	21°♓56'18	18°59'38
retrograde	-501 Mar 08 j 05:49	26°♓01'58	
evening set	-501 Mar 10 j 12:07	25°♓45'47	
inferior conj	-501 Mar 18 j 13:10	21°♓30'31	2°23'06
minimum elong	-501 Mar 18 j 17:35	21°♓22'42	2°21'53
min. Earth dist.	-501 Mar 21 j 16:55	19°♓18'05	0.57017 AU
morning rise	-501 Mar 26 j 18:53	16°♓28'06	
desc. node	-501 Mar 27 j 15:52	16°♓08'25	
direct	-501 Apr 01 j 00:33	15°♓22'54	
morning max el	-501 Apr 15 j 07:13	22°♓46'49	25°42'47
	-501 Apr 21 j 17:20	0°♈	
	-501 May 09 j 20:06	0°♉	
morning set	-501 May 12 j 19:10	6°♉06'01	
asc. node	-501 May 14 j 15:24	10°♉01'07	
superior conj	-501 May 19 j 19:59	21°♉19'10	0°52'24
minimum elong	-501 May 19 j 17:55	21°♉07'53	0°52'01
max. Earth dist.	-501 May 20 j 15:16	23°♉04'33	1.32639 AU
	-501 May 23 j 20:01	0°♊	
evening rise	-501 May 26 j 22:39	6°♊32'57	
	-501 Jun 08 j 11:09	0°♋	
desc. node	-501 Jun 23 j 15:09	21°♋18'50	
evening max el	-501 Jun 27 j 08:54	25°♋11'44	27°10'22
	-501 Jul 03 j 11:26	0°♌	
retrograde	-501 Jul 11 j 06:30	2°♌29'38	
evening set	-501 Jul 18 j 08:17	0°♌11'38	
	-501 Jul 18 j 15:26	30°♑♋	
min. Earth dist.	-501 Jul 21 j 23:03	27°♋26'01	0.61635 AU
inferior conj	-501 Jul 25 j 01:50	24°♋38'15	-4°-18'-54
minimum elong	-501 Jul 25 j 05:48	24°♋29'19	4°18'16
morning rise	-501 Aug 01 j 06:07	19°♋41'03	
direct	-501 Aug 03 j 16:39	19°♋15'54	
morning max el	-501 Aug 10 j 15:12	22°♋44'19	17°57'45
asc. node	-501 Aug 10 j 14:37	22°♋42'53	
	-501 Aug 16 j 07:41	0°♌	
morning set	-501 Aug 26 j 13:40	17°♌47'21	
	-501 Sep 02 j 07:25	0°♍	
superior conj	-501 Sep 06 j 02:52	6°♍42'53	1°21'31
minimum elong	-501 Sep 06 j 07:36	7°♍03'26	1°21'03
max. Earth dist.	-501 Sep 13 j 13:21	19°♍18'34	1.42440 AU
desc. node	-501 Sep 19 j 14:32	29°♍05'06	
evening rise	-501 Sep 20 j 05:24	0°♎03'56	
	-501 Sep 20 j 04:25	0°♎	
	-501 Oct 10 j 07:56	0°♏	
greatest brilliancy	-501 Oct 17 j 13:42	9°♏32'31	-0.4m

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening max el	-501 Oct 22 j 07:38	14°♏55'07	22°00'51
retrograde	-501 Oct 31 j 14:31	20°♏26'25	
evening set	-501 Nov 04 j 22:59	18°♏43'45	
asc. node	-501 Nov 06 j 13:47	17°♏12'51	
inferior conj	-501 Nov 10 j 08:22	12°♏24'16	1°16'24
minimum elong	-501 Nov 10 j 06:41	12°♏30'04	1°15'42
min. Earth dist.	-501 Nov 10 j 09:59	12°♏18'39	0.67588 AU
morning rise	-501 Nov 15 j 14:09	6°♏09'22	
direct	-501 Nov 20 j 08:18	4°♏10'49	
morning max el	-501 Nov 30 j 03:02	9°♏59'05	22°42'09
greatest brilliancy	-501 Dec 04 j 18:42	15°♏11'36	-0.3m
	-501 Dec 15 j 20:05	0°♐	
desc. node	-501 Dec 16 j 13:46	1°♐03'34	
morning set	-500 Jan 03 j 03:04	28°♐07'17	
	-500 Jan 04 j 06:24	0°♑	
max. Earth dist.	-500 Jan 08 j 01:29	6°♑22'49	1.40252 AU
superior conj	-500 Jan 15 j 20:31	20°♑06'04	-1°-59'-16
minimum elong	-500 Jan 15 j 22:15	20°♑13'55	1°59'14
	-500 Jan 21 j 05:00	0°♒	
evening rise	-500 Jan 25 j 17:47	8°♒34'26	
asc. node	-500 Feb 02 j 13:05	22°♒53'12	
	-500 Feb 07 j 02:34	0°♓	
evening max el	-500 Feb 10 j 22:30	4°♓32'19	18°24'07
retrograde	-500 Feb 18 j 07:17	8°♓10'17	
evening set	-500 Feb 20 j 18:19	7°♓47'08	
inferior conj	-500 Feb 28 j 01:48	3°♓11'08	3°21'55
minimum elong	-500 Feb 28 j 05:14	3°♓04'04	3°21'19
min. Earth dist.	-500 Mar 02 j 12:12	0°♓23'06	0.58950 AU
	-500 Mar 03 j 00:14	30°♓℞	
morning rise	-500 Mar 06 j 12:28	27°♒41'48	
direct	-500 Mar 12 j 18:14	25°♒59'34	
desc. node	-500 Mar 13 j 12:54	26°♒01'08	
	-500 Mar 22 j 20:19	0°♓	
morning max el	-500 Mar 27 j 01:50	3°♓39'34	26°57'09
	-500 Apr 15 j 06:16	0°♈	
morning set	-500 Apr 26 j 05:08	20°♈57'51	
	-500 Apr 30 j 10:38	0°♉	
asc. node	-500 Apr 30 j 12:25	0°♉09'43	
superior conj	-500 May 03 j 07:43	6°♉18'08	0°29'18
minimum elong	-500 May 03 j 06:27	6°♉11'10	0°29'02
max. Earth dist.	-500 May 03 j 04:00	5°♉57'45	1.32373 AU
evening rise	-500 May 10 j 06:52	21°♉22'22	
	-500 May 14 j 12:33	0°♊	
	-500 Jun 02 j 01:13	0°♋	
evening max el	-500 Jun 08 j 09:48	7°♋02'25	26°22'18
desc. node	-500 Jun 09 j 12:10	8°♋03'22	
retrograde	-500 Jun 22 j 10:21	14°♋16'34	
evening set	-500 Jun 28 j 21:56	12°♋31'46	
min. Earth dist.	-500 Jul 02 j 22:51	9°♋54'22	0.59594 AU
inferior conj	-500 Jul 06 j 07:06	7°♋17'50	-4°-40'-33
minimum elong	-500 Jul 06 j 08:28	7°♋15'07	4°40'30
morning rise	-500 Jul 13 j 22:24	2°♋43'15	
direct	-500 Jul 16 j 09:30	2°♋21'39	
morning max el	-500 Jul 24 j 01:07	6°♋02'46	18°20'40
asc. node	-500 Jul 27 j 11:39	9°♋58'35	
	-500 Aug 08 j 06:37	0°♌	
morning set	-500 Aug 09 j 00:50	1°♌26'43	
superior conj	-500 Aug 18 j 07:55	18°♌57'20	1°39'56
minimum elong	-500 Aug 18 j 10:42	19°♌10'05	1°39'46
	-500 Aug 24 j 12:19	0°♍	
max. Earth dist.	-500 Aug 25 j 20:05	2°♍17'12	1.40574 AU
evening rise	-500 Aug 30 j 12:22	10°♍09'28	
desc. node	-500 Sep 05 j 11:33	19°♍44'57	
	-500 Sep 12 j 04:37	0°♎	

evening max el	-500 Oct 03 j 22:29	28°♎25'39	23°20'24
	-500 Oct 05 j 13:55	0°♏	
retrograde	-500 Oct 14 j 07:55	4°♏34'26	
evening set	-500 Oct 19 j 05:52	2°♏33'23	
	-500 Oct 21 j 17:31	30°℞♎	
asc. node	-500 Oct 23 j 10:50	27°♎47'32	
inferior conj	-500 Oct 24 j 15:23	26°♎10'13	0°24'35
minimum elong	-500 Oct 24 j 14:48	26°♎12'13	0°24'20
min. Earth dist.	-500 Oct 24 j 06:32	26°♎40'32	0.67620 AU
morning rise	-500 Oct 29 j 23:47	19°♎58'51	
direct	-500 Nov 03 j 03:32	18°♎22'48	
morning max el	-500 Nov 11 j 18:32	23°♎25'53	21°19'15
greatest brilliancy	-500 Nov 17 j 00:18	29°♎27'40	-0.4m
	-500 Nov 17 j 10:30	0°♏	
desc. node	-500 Dec 02 j 10:49	21°♏13'01	
	-500 Dec 08 j 05:33	0°♐	
morning set	-500 Dec 12 j 15:29	6°♐52'24	
max. Earth dist.	-500 Dec 20 j 03:36	18°♐56'07	1.42234 AU
	-500 Dec 26 j 18:01	0°♑	
superior conj	-500 Dec 27 j 11:21	1°♑14'22	-1°-59'-29
minimum elong	-500 Dec 27 j 09:14	1°♑05'17	1°59'27
evening rise	-499 Jan 07 j 18:00	21°♑15'17	
	-499 Jan 12 j 14:28	0°♒	
asc. node	-499 Jan 19 j 10:07	11°♒19'30	
evening max el	-499 Jan 24 j 08:30	17°♒31'16	18°08'32
retrograde	-499 Jan 31 j 01:50	20°♒57'31	
evening set	-499 Feb 02 j 16:59	20°♒26'11	
inferior conj	-499 Feb 09 j 10:01	15°♒28'18	3°48'24
minimum elong	-499 Feb 09 j 11:10	15°♒25'35	3°48'20
min. Earth dist.	-499 Feb 12 j 13:57	12°♒28'57	0.61036 AU
morning rise	-499 Feb 16 j 02:36	9°♒40'24	
direct	-499 Feb 22 j 22:44	7°♒22'59	
desc. node	-499 Feb 28 j 09:57	8°♒42'23	
morning max el	-499 Mar 09 j 02:54	15°♒11'32	27°39'21
	-499 Mar 21 j 04:04	0°♓	
	-499 Apr 07 j 16:41	0°♈	
morning set	-499 Apr 10 j 11:32	5°♈37'17	
max. Earth dist.	-499 Apr 16 j 16:08	18°♈47'00	1.32465 AU
asc. node	-499 Apr 17 j 09:26	20°♈21'18	
superior conj	-499 Apr 17 j 18:50	21°♈12'36	0°04'09
minimum elong	-499 Apr 17 j 18:38	21°♈11'33	0°04'07
behind sun begin	-499 Apr 17 j 13:44	20°♈44'43	
behind sun end	-499 Apr 17 j 23:33	21°♈38'25	
	-499 Apr 21 j 19:25	0°♉	
evening rise	-499 Apr 24 j 17:50	6°♉17'41	
	-499 May 07 j 06:40	0°♊	
evening max el	-499 May 21 j 03:53	18°♊09'18	25°06'12
desc. node	-499 May 27 j 09:11	22°♊58'25	
retrograde	-499 Jun 04 j 04:06	25°♊17'03	
evening set	-499 Jun 09 j 12:41	24°♊10'56	
min. Earth dist.	-499 Jun 14 j 15:32	21°♊23'51	0.57608 AU
inferior conj	-499 Jun 17 j 17:25	19°♊19'04	-4°-33'-51
minimum elong	-499 Jun 17 j 14:25	19°♊24'09	4°33'36
morning rise	-499 Jun 25 j 20:03	15°♊06'43	
direct	-499 Jun 28 j 09:07	14°♊47'35	
morning max el	-499 Jul 07 j 03:44	18°♊53'43	19°04'10
asc. node	-499 Jul 14 j 08:42	28°♊06'50	
	-499 Jul 15 j 12:32	0°♋	
morning set	-499 Jul 23 j 21:59	15°♋36'22	
	-499 Jul 31 j 05:07	0°♌	
superior conj	-499 Aug 01 j 07:47	2°♌08'56	1°47'08
minimum elong	-499 Aug 01 j 08:23	2°♌11'48	1°47'08
max. Earth dist.	-499 Aug 07 j 23:12	14°♌33'24	1.38563 AU
evening rise	-499 Aug 11 j 20:23	21°♌25'58	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-499 Aug 16 j 22:03	0°♍	
desc. node	-499 Aug 23 j 08:33	10°♍15'13	
	-499 Sep 06 j 04:16	0°♎	
evening max el	-499 Sep 16 j 10:25	11°♎58'58	24°39'34
retrograde	-499 Sep 27 j 21:32	18°♎40'23	
evening set	-499 Oct 03 j 10:09	16°♎21'18	
min. Earth dist.	-499 Oct 08 j 01:50	11°♎02'43	0.67330 AU
inferior conj	-499 Oct 08 j 21:10	9°♎58'21	0°-29'-57
minimum elong	-499 Oct 08 j 21:54	9°♎55'54	0°29'39
asc. node	-499 Oct 10 j 07:54	8°♎04'35	
morning rise	-499 Oct 14 j 10:03	3°♎53'08	
direct	-499 Oct 18 j 01:02	2°♎37'36	
morning max el	-499 Oct 25 j 17:33	7°♎03'05	20°06'58
greatest brilliancy	-499 Nov 01 j 18:28	15°♎37'23	-0.6m
	-499 Nov 11 j 16:26	0°♏	
desc. node	-499 Nov 19 j 07:52	11°♏38'02	
morning set	-499 Nov 21 j 12:23	15°♏00'32	
	-499 Dec 01 j 02:00	0°♐	
max. Earth dist.	-499 Dec 02 j 13:15	2°♐20'33	1.43800 AU
superior conj	-499 Dec 07 j 23:49	11°♐08'28	-1°-43'-30
minimum elong	-499 Dec 07 j 17:04	10°♐40'53	1°43'01
	-499 Dec 19 j 05:24	0°♑	
evening rise	-499 Dec 21 j 00:54	3°♑07'09	
asc. node	-498 Jan 06 j 07:10	29°♑01'27	
	-498 Jan 07 j 03:45	0°♒	
evening max el	-498 Jan 07 j 20:50	0°♒44'50	18°12'19
retrograde	-498 Jan 14 j 08:48	4°♒12'45	
evening set	-498 Jan 17 j 04:04	3°♒32'20	
	-498 Jan 21 j 17:32	30°℞♑	
inferior conj	-498 Jan 23 j 10:02	28°♑13'49	3°50'19
minimum elong	-498 Jan 23 j 09:06	28°♑16'20	3°50'17
min. Earth dist.	-498 Jan 26 j 00:48	25°♑25'42	0.63003 AU
morning rise	-498 Jan 29 j 12:15	22°♑13'59	
direct	-498 Feb 05 j 12:09	19°♑32'10	
desc. node	-498 Feb 15 j 07:01	23°♑44'19	
morning max el	-498 Feb 19 j 09:27	27°♑23'45	27°44'34
	-498 Feb 21 j 21:09	0°♒	
	-498 Mar 14 j 19:52	0°♓	
morning set	-498 Mar 25 j 12:03	19°♓55'28	
	-498 Mar 30 j 09:04	0°♈	
max. Earth dist.	-498 Mar 30 j 23:28	1°♈16'28	1.32936 AU
superior conj	-498 Apr 02 j 03:33	5°♈55'30	0°-22'-14
minimum elong	-498 Apr 02 j 04:36	6°♈01'12	0°22'02
asc. node	-498 Apr 04 j 06:28	10°♈30'53	
evening rise	-498 Apr 09 j 05:38	21°♈10'55	
	-498 Apr 13 j 12:58	0°♉	
evening max el	-498 May 02 j 18:26	28°♉47'29	23°33'47
	-498 May 04 j 01:53	0°♊	
desc. node	-498 May 14 j 06:13	5°♊26'29	
retrograde	-498 May 16 j 10:00	5°♊37'05	
evening set	-498 May 20 j 07:54	5°♊03'21	
min. Earth dist.	-498 May 27 j 04:58	1°♊51'54	0.55998 AU
inferior conj	-498 May 29 j 07:37	0°♊36'06	-3°-46'-37
minimum elong	-498 May 29 j 00:53	0°♊46'13	3°45'09
	-498 May 30 j 07:49	30°℞♉	
morning rise	-498 Jun 06 j 21:25	26°♉39'22	
direct	-498 Jun 09 j 13:15	26°♉21'45	
	-498 Jun 18 j 13:25	0°♊	
morning max el	-498 Jun 19 j 20:31	1°♊07'38	20°08'34
asc. node	-498 Jul 01 j 05:45	16°♊54'48	
morning set	-498 Jul 08 j 02:01	0°♋07'42	
	-498 Jul 08 j 00:30	0°♋	
superior conj	-498 Jul 15 j 21:14	16°♋02'07	1°45'26
minimum elong	-498 Jul 15 j 20:07	15°♋56'35	1°45'23
max. Earth dist.	-498 Jul 21 j 03:47	26°♋23'16	1.36658 AU
	-498 Jul 23 j 01:38	0°♌	
evening rise	-498 Jul 25 j 03:10	3°♌48'48	
	-498 Aug 09 j 21:26	0°♍	
desc. node	-498 Aug 10 j 05:35	0°♍30'36	
evening max el	-498 Aug 29 j 21:45	25°♍34'48	25°51'04
	-498 Sep 04 j 04:09	0°♎	
retrograde	-498 Sep 11 j 06:46	2°♎39'21	
evening set	-498 Sep 17 j 09:58	0°♎05'07	
	-498 Sep 17 j 12:21	30°℞♍	
min. Earth dist.	-498 Sep 21 j 17:30	25°♍22'51	0.66709 AU
inferior conj	-498 Sep 22 j 23:57	23°♍46'23	-1°-25'-41
minimum elong	-498 Sep 23 j 02:06	23°♍39'33	1°24'48
asc. node	-498 Sep 27 j 04:58	19°♍01'38	
morning rise	-498 Sep 28 j 19:02	17°♍50'12	
direct	-498 Oct 01 j 23:25	16°♍51'50	
morning max el	-498 Oct 08 j 23:54	20°♍49'15	19°08'43
	-498 Oct 16 j 06:34	0°♎	
morning set	-498 Oct 31 j 18:12	23°♎42'27	
	-498 Nov 04 j 18:42	0°♏	
desc. node	-498 Nov 06 j 04:55	2°♏13'56	
max. Earth dist.	-498 Nov 15 j 04:35	16°♏20'24	1.44755 AU
superior conj	-498 Nov 17 j 11:20	19°♏56'39	-1°-9'-22
minimum elong	-498 Nov 17 j 03:30	19°♏25'39	1°08'30
	-498 Nov 23 j 18:45	0°♐	
evening rise	-498 Dec 02 j 10:14	14°♐02'42	
	-498 Dec 12 j 04:36	0°♑	
evening max el	-498 Dec 22 j 08:54	14°♑07'36	18°34'38
asc. node	-498 Dec 24 j 04:14	15°♑46'40	
retrograde	-498 Dec 28 j 23:52	17°♑48'08	
evening set	-497 Jan 01 j 00:08	16°♑57'24	
inferior conj	-497 Jan 06 j 21:55	11°♑20'22	3°34'38
minimum elong	-497 Jan 06 j 19:40	11°♑27'02	3°34'17
min. Earth dist.	-497 Jan 08 j 21:28	8°♑59'38	0.64675 AU
morning rise	-497 Jan 12 j 13:56	5°♑12'55	
direct	-497 Jan 19 j 09:05	2°♑21'39	
morning max el	-497 Feb 01 j 18:46	10°♑07'42	27°14'46
desc. node	-497 Feb 02 j 04:05	10°♑31'09	
	-497 Feb 17 j 11:15	0°♒	
	-497 Mar 07 j 05:24	0°♓	
morning set	-497 Mar 09 j 03:50	3°♓43'14	
max. Earth dist.	-497 Mar 13 j 22:01	13°♓14'23	1.33834 AU
superior conj	-497 Mar 17 j 07:59	20°♓21'00	0°-48'-51
minimum elong	-497 Mar 17 j 10:18	20°♓33'13	0°48'25
	-497 Mar 21 j 21:02	0°♈	
asc. node	-497 Mar 22 j 03:32	0°♈34'30	
evening rise	-497 Mar 24 j 16:29	5°♈56'07	
	-497 Apr 06 j 19:36	0°♉	
evening max el	-497 Apr 14 j 12:25	9°♉26'47	21°59'38
retrograde	-497 Apr 27 j 03:57	15°♉37'52	
evening set	-497 Apr 29 j 21:04	15°♉21'31	
desc. node	-497 May 01 j 03:15	15°♉03'25	
inferior conj	-497 May 09 j 06:13	11°♉16'20	-2°-15'-15
minimum elong	-497 May 09 j 00:16	11°♉24'42	2°13'20
min. Earth dist.	-497 May 08 j 18:01	11°♉33'30	0.55110 AU
morning rise	-497 May 18 j 04:51	7°♉20'45	
direct	-497 May 21 j 03:01	7°♉01'39	
morning max el	-497 Jun 02 j 02:09	12°♉38'44	21°32'10
	-497 Jun 14 j 18:29	0°♊	
asc. node	-497 Jun 18 j 02:49	6°♊12'47	
morning set	-497 Jun 22 j 10:35	14°♊54'18	
superior conj	-497 Jun 29 j 20:10	0°♋24'51	1°36'46
minimum elong	-497 Jun 29 j 18:02	0°♋13'47	1°36'36
	-497 Jun 29 j 15:23	0°♋	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

max. Earth dist.	-497 Jul 03 j 15:58	8°♋15'27	1.35050 AU	
evening rise	-497 Jul 08 j 03:57	17°♋05'27		
	-497 Jul 15 j 05:54	0°♌		
desc. node	-497 Jul 28 j 02:37	20°♌24'03		
	-497 Aug 04 j 05:37	0°♍		
evening max el	-497 Aug 12 j 09:36	9°♍08'05	26°46'57	
retrograde	-497 Aug 25 j 10:46	16°♍24'31		
evening set	-497 Sep 01 j 03:07	13°♍40'58		
min. Earth dist.	-497 Sep 05 j 03:08	9°♍36'19	0.65746 AU	
inferior conj	-497 Sep 06 j 21:43	7°♍30'37	-2°-20'-47	
minimum elong	-497 Sep 07 j 01:12	7°♍20'17	2°19'31	
morning rise	-497 Sep 13 j 00:33	1°♍46'34		
asc. node	-497 Sep 14 j 02:02	1°♍19'18		
direct	-497 Sep 15 j 20:45	1°♍01'36		
morning max el	-497 Sep 22 j 11:48	4°♍39'58	18°26'20	
	-497 Oct 09 j 18:52	0°♎		
morning set	-497 Oct 12 j 01:56	3°♎43'04		
desc. node	-497 Oct 24 j 01:57	22°♎56'21		
superior conj	-497 Oct 27 j 11:37	28°♎18'48	0°-22'-7	
minimum elong	-497 Oct 27 j 08:41	28°♎07'17	0°21'45	
	-497 Oct 28 j 13:19	0°♏		
max. Earth dist.	-497 Oct 28 j 22:54	0°♏37'40	1.44999 AU	
evening rise	-497 Nov 12 j 19:32	23°♏58'22		
	-497 Nov 16 j 15:21	0°♐		
greatest brilliancy	-497 Nov 25 j 17:10	14°♐07'36	-0.7m	
evening max el	-497 Dec 05 j 18:16	27°♐34'14	19°14'18	
	-497 Dec 08 j 12:27	0°♑		
asc. node	-497 Dec 11 j 01:18	1°♑19'43		
retrograde	-497 Dec 12 j 19:29	1°♑36'54		
evening set	-497 Dec 16 j 02:17	0°♑34'07		
	-497 Dec 16 j 21:34	30°℞♐		
inferior conj	-497 Dec 21 j 18:14	24°♐41'02	3°06'20	
minimum elong	-497 Dec 21 j 15:26	24°♐49'59	3°05'38	
min. Earth dist.	-497 Dec 23 j 03:00	22°♐56'33	0.65972 AU	
morning rise	-497 Dec 27 j 03:44	18°♐28'48		
direct	-496 Jan 02 j 12:07	15°♐42'08		
morning max el	-496 Jan 15 j 04:12	23°♐10'18	26°16'39	
desc. node	-496 Jan 20 j 01:08	28°♐32'13		
	-496 Jan 21 j 06:16	0°♑		
	-496 Feb 10 j 18:56	0°♒		
morning set	-496 Feb 20 j 06:57	16°♒48'24		
max. Earth dist.	-496 Feb 24 j 09:02	24°♒37'26	1.35187 AU	
	-496 Feb 27 j 02:08	0°♓		
superior conj	-496 Feb 29 j 05:48	4°♓21'42	-1°-14'-19	
minimum elong	-496 Feb 29 j 09:09	4°♓38'50	1°13'47	
evening rise	-496 Mar 08 j 00:28	20°♓26'59		
asc. node	-496 Mar 08 j 00:36	20°♓27'39		
	-496 Mar 12 j 19:18	0°♈		
evening max el	-496 Mar 26 j 15:36	20°♈32'37	20°35'48	
retrograde	-496 Apr 06 j 16:54	25°♈51'35		
evening set	-496 Apr 08 j 21:21	25°♈39'59		
desc. node	-496 Apr 17 j 00:16	22°♈18'07		
inferior conj	-496 Apr 18 j 00:57	21°♈42'42	0°-17'-37	
minimum elong	-496 Apr 18 j 00:07	21°♈43'53	0°17'20	
min. Earth dist.	-496 Apr 19 j 07:30	20°♈58'38	0.55153 AU	
morning rise	-496 Apr 27 j 01:15	17°♈30'05		
direct	-496 Apr 30 j 14:34	17°♈02'43		
morning max el	-496 May 13 j 22:03	23°♈30'50	23°09'33	
	-496 May 19 j 17:18	0°♉		
asc. node	-496 Jun 03 j 23:52	25°♉53'05		
morning set	-496 Jun 05 j 21:47	29°♉50'40		
	-496 Jun 05 j 23:34	0°♊		
superior conj	-496 Jun 13 j 01:32	15°♊07'49	1°22'44	
minimum elong	-496 Jun 12 j 23:01	14°♊54'24	1°22'25	

max. Earth dist.	-496 Jun 15 j 14:04	20°♊28'48	1.33814 AU	
	-496 Jun 20 j 05:24	0°♋		
evening rise	-496 Jun 20 j 17:59	1°♋02'35		
	-496 Jul 07 j 05:04	0°♌		
desc. node	-496 Jul 13 j 23:37	9°♌46'19		
evening max el	-496 Jul 24 j 21:18	22°♌29'10	27°19'37	
retrograde	-496 Aug 07 j 09:01	29°♌48'44		
evening set	-496 Aug 14 j 10:53	27°♌05'02		
min. Earth dist.	-496 Aug 18 j 04:26	23°♌36'55	0.64424 AU	
inferior conj	-496 Aug 20 j 12:09	21°♌06'50	-3°-12'-45	
minimum elong	-496 Aug 20 j 16:36	20°♌54'48	3°11'25	
morning rise	-496 Aug 27 j 00:06	15°♌38'26		
direct	-496 Aug 29 j 14:41	15°♌03'20		
asc. node	-496 Aug 30 j 23:05	15°♌12'50		
morning max el	-496 Sep 05 j 02:53	18°♌30'56	18°00'59	
	-496 Sep 13 j 13:00	0°♍		
morning set	-496 Sep 22 j 13:44	15°♍05'49		
	-496 Oct 01 j 11:32	0°♎		
superior conj	-496 Oct 05 j 22:51	7°♎17'16	0°26'11	
minimum elong	-496 Oct 06 j 01:50	7°♎29'18	0°25'47	
desc. node	-496 Oct 09 j 22:58	13°♎42'25		
max. Earth dist.	-496 Oct 10 j 17:18	14°♎55'15	1.44511 AU	
	-496 Oct 20 j 08:25	0°♏		
evening rise	-496 Oct 22 j 08:49	3°♏06'57		
	-496 Nov 09 j 06:01	0°♐		
greatest brilliancy	-496 Nov 11 j 04:56	2°♐43'43	-0.6m	
evening max el	-496 Nov 17 j 23:00	11°♐02'07	20°09'28	
retrograde	-496 Nov 25 j 16:58	15°♐35'02		
asc. node	-496 Nov 26 j 22:20	15°♐26'29		
evening set	-496 Nov 29 j 08:10	14°♐18'12		
inferior conj	-496 Dec 04 j 20:15	8°♐11'59	2°28'48	
minimum elong	-496 Dec 04 j 17:31	8°♐21'09	2°27'55	
min. Earth dist.	-496 Dec 05 j 15:44	7°♐06'39	0.66879 AU	
morning rise	-496 Dec 10 j 02:19	1°♐57'03		
	-496 Dec 13 j 01:13	30°℞♏		
direct	-496 Dec 15 j 20:31	29°♏25'16		
	-496 Dec 18 j 20:27	0°♐		
morning max el	-496 Dec 27 j 12:46	6°♐22'13	24°59'16	
desc. node	-495 Jan 05 j 22:12	17°♐25'54		
	-495 Jan 14 j 21:37	0°♑		
morning set	-495 Feb 01 j 16:16	28°♑56'07		
	-495 Feb 02 j 06:33	0°♒		
max. Earth dist.	-495 Feb 05 j 09:30	5°♒41'22	1.36965 AU	
superior conj	-495 Feb 11 j 17:57	17°♒48'56	-1°-36'-45	
minimum elong	-495 Feb 11 j 21:43	18°♒07'29	1°36'20	
	-495 Feb 17 j 20:21	0°♓		
evening rise	-495 Feb 20 j 03:23	4°♓36'53		
asc. node	-495 Feb 22 j 21:38	10°♓05'12		
	-495 Mar 07 j 02:56	0°♈		
evening max el	-495 Mar 09 j 05:52	2°♈15'31	19°29'03	
retrograde	-495 Mar 18 j 14:20	6°♈44'43		
evening set	-495 Mar 20 j 18:28	6°♈31'16		
inferior conj	-495 Mar 29 j 06:05	2°♈25'11	1°32'54	
minimum elong	-495 Mar 29 j 09:40	2°♈19'24	1°31'45	
min. Earth dist.	-495 Mar 31 j 21:57	0°♈42'26	0.56120 AU	
	-495 Apr 02 j 01:45	30°℞♓		
desc. node	-495 Apr 03 j 21:19	28°♓59'18		
morning rise	-495 Apr 06 j 21:13	27°♓41'48		
direct	-495 Apr 11 j 10:54	26°♓54'36		
	-495 Apr 20 j 13:36	0°♈		
morning max el	-495 Apr 25 j 13:01	4°♈02'06	24°49'49	
	-495 May 13 j 22:04	0°♉		
morning set	-495 May 21 j 09:49	14°♉50'01		
asc. node	-495 May 21 j 20:54	15°♉48'32		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-495 May 28 j 10:52	0°♊02'14	1°04'28
minimum elong	-495 May 28 j 08:31	29°♉49'26	1°04'04
	-495 May 28 j 10:27	0°♊	
max. Earth dist.	-495 May 29 j 20:25	3°♊04'12	1.32962 AU
evening rise	-495 Jun 04 j 17:19	15°♊27'15	
	-495 Jun 12 j 06:00	0°♋	
desc. node	-495 Jun 30 j 20:37	28°♋23'25	
	-495 Jul 02 j 04:58	0°♌	
evening max el	-495 Jul 07 j 06:35	5°♌23'29	27°23'00
retrograde	-495 Jul 21 j 00:57	12°♌42'15	
evening set	-495 Jul 28 j 05:44	10°♌10'34	
min. Earth dist.	-495 Jul 31 j 19:39	7°♌13'05	0.62745 AU
inferior conj	-495 Aug 03 j 16:22	4°♌27'38	-3°-58'-1
minimum elong	-495 Aug 03 j 20:55	4°♌16'37	3°57'02
	-495 Aug 09 j 03:16	30°℞♋	
morning rise	-495 Aug 10 j 14:30	29°♋18'22	
direct	-495 Aug 13 j 01:54	28°♋50'14	
	-495 Aug 16 j 22:22	0°♌	
asc. node	-495 Aug 17 j 20:08	0°♌36'07	
morning max el	-495 Aug 19 j 18:20	2°♌15'27	17°53'34
morning set	-495 Sep 05 j 00:22	27°♌33'49	
	-495 Sep 06 j 09:16	0°♍	
superior conj	-495 Sep 16 j 11:32	17°♍32'00	1°05'05
minimum elong	-495 Sep 16 j 16:38	17°♍53'30	1°04'29
max. Earth dist.	-495 Sep 23 j 08:26	28°♍53'28	1.43351 AU
	-495 Sep 24 j 00:54	0°♎	
desc. node	-495 Sep 26 j 19:59	4°♎28'39	
evening rise	-495 Oct 01 j 15:29	12°♎02'25	
	-495 Oct 13 j 12:01	0°♏	
greatest brilliancy	-495 Oct 26 j 17:43	18°♏29'41	-0.4m
evening max el	-495 Oct 31 j 21:55	24°♏29'54	21°17'29
retrograde	-495 Nov 09 j 14:12	29°♏39'20	
evening set	-495 Nov 13 j 15:49	28°♏06'27	
asc. node	-495 Nov 13 j 19:22	27°♏59'29	
inferior conj	-495 Nov 19 j 01:42	21°♏50'32	1°44'22
minimum elong	-495 Nov 18 j 23:32	21°♏58'01	1°43'33
min. Earth dist.	-495 Nov 19 j 09:27	21°♏23'51	0.67420 AU
morning rise	-495 Nov 24 j 06:56	15°♏34'59	
direct	-495 Nov 29 j 09:43	13°♏23'48	
morning max el	-495 Dec 09 j 21:42	19°♏39'01	23°32'35
	-495 Dec 18 j 16:19	0°♐	
desc. node	-495 Dec 23 j 19:14	6°♐57'02	
	-494 Jan 08 j 02:19	0°♑	
morning set	-494 Jan 14 j 01:32	9°♑50'08	
max. Earth dist.	-494 Jan 18 j 04:52	16°♑57'50	1.39024 AU
	-494 Jan 25 j 09:37	0°♒	
superior conj	-494 Jan 25 j 16:31	0°♒32'16	-1°-53'-32
minimum elong	-494 Jan 25 j 19:31	0°♒46'18	1°53'22
evening rise	-494 Feb 03 j 22:37	18°♒18'41	
asc. node	-494 Feb 09 j 18:40	29°♒21'25	
	-494 Feb 10 j 03:14	0°♓	
evening max el	-494 Feb 20 j 06:04	14°♓34'30	18°42'03
retrograde	-494 Feb 28 j 05:15	18°♓26'51	
evening set	-494 Mar 02 j 13:27	18°♓08'00	
inferior conj	-494 Mar 10 j 06:42	13°♓44'05	2°52'23
minimum elong	-494 Mar 10 j 11:00	13°♓35'58	2°51'22
min. Earth dist.	-494 Mar 13 j 15:04	11°♓13'53	0.57790 AU
morning rise	-494 Mar 18 j 04:28	8°♓28'56	
desc. node	-494 Mar 21 j 18:22	7°♓19'58	
direct	-494 Mar 23 j 21:00	7°♓08'50	
morning max el	-494 Apr 07 j 05:15	14°♓41'05	26°17'48
	-494 Apr 19 j 11:22	0°♈	
morning set	-494 May 05 j 21:03	29°♈46'48	
	-494 May 05 j 23:34	0°♉	
asc. node	-494 May 08 j 17:57	5°♉54'03	
superior conj	-494 May 12 j 22:15	15°♉01'42	0°42'55
minimum elong	-494 May 12 j 20:29	14°♉52'01	0°42'34
max. Earth dist.	-494 May 13 j 07:48	15°♉54'05	1.32484 AU
evening rise	-494 May 19 j 23:00	0°♊10'07	
	-494 May 19 j 21:04	0°♊	
	-494 Jun 05 j 09:33	0°♋	
desc. node	-494 Jun 17 j 17:37	15°♋56'21	
evening max el	-494 Jun 19 j 10:54	17°♋38'56	26°53'37
retrograde	-494 Jul 03 j 09:55	24°♋55'52	
evening set	-494 Jul 10 j 07:23	22°♋50'17	
min. Earth dist.	-494 Jul 14 j 00:40	20°♋10'36	0.60783 AU
inferior conj	-494 Jul 17 j 07:02	17°♋24'49	-4°-30'-46
minimum elong	-494 Jul 17 j 10:09	17°♋18'10	4°30'25
morning rise	-494 Jul 24 j 16:01	12°♋37'28	
direct	-494 Jul 27 j 02:33	12°♋14'04	
morning max el	-494 Aug 03 j 07:12	15°♋46'17	18°05'03
asc. node	-494 Aug 04 j 17:10	17°♋15'19	
	-494 Aug 13 j 05:27	0°♌	
morning set	-494 Aug 19 j 04:00	10°♌50'48	
superior conj	-494 Aug 29 j 03:11	29°♌06'43	1°30'51
minimum elong	-494 Aug 29 j 07:12	29°♌24'34	1°30'30
	-494 Aug 29 j 15:11	0°♍	
max. Earth dist.	-494 Sep 05 j 17:48	12°♍14'54	1.41677 AU
evening rise	-494 Sep 11 j 09:46	21°♍32'03	
desc. node	-494 Sep 13 j 16:59	25°♍11'51	
	-494 Sep 16 j 18:43	0°♎	
	-494 Oct 07 j 17:58	0°♏	
greatest brilliancy	-494 Oct 09 j 19:29	2°♏33'54	-0.3m
evening max el	-494 Oct 14 j 15:10	7°♏58'21	22°34'21
retrograde	-494 Oct 24 j 09:28	13°♏46'38	
evening set	-494 Oct 28 j 23:26	11°♏56'11	
asc. node	-494 Oct 31 j 16:24	9°♏08'06	
inferior conj	-494 Nov 03 j 08:40	5°♏34'22	0°54'49
minimum elong	-494 Nov 03 j 07:25	5°♏38'41	0°54'18
min. Earth dist.	-494 Nov 03 j 05:46	5°♏44'25	0.67632 AU
	-494 Nov 07 j 21:26	30°℞♎	
morning rise	-494 Nov 08 j 15:19	29°♎20'32	
direct	-494 Nov 13 j 03:03	27°♎31'50	
	-494 Nov 19 j 00:50	0°♏	
morning max el	-494 Nov 22 j 09:47	3°♏00'56	22°05'55
greatest brilliancy	-494 Nov 27 j 02:57	8°♏20'00	-0.4m
desc. node	-494 Dec 10 j 16:16	26°♏54'31	
	-494 Dec 12 j 18:26	0°♐	
morning set	-494 Dec 25 j 05:45	19°♐18'54	
max. Earth dist.	-494 Dec 31 j 02:23	28°♐56'13	1.41120 AU
	-494 Dec 31 j 17:34	0°♑	
superior conj	-493 Jan 07 j 20:27	12°♑18'21	-2°-1'-4
minimum elong	-493 Jan 07 j 20:47	12°♑19'51	2°01'06
	-493 Jan 17 j 12:53	0°♒	
evening rise	-493 Jan 18 j 06:50	1°♒23'31	
asc. node	-493 Jan 27 j 15:43	18°♒08'16	
evening max el	-493 Feb 03 j 13:21	27°♒21'02	18°15'09
	-493 Feb 07 j 02:43	0°♓	
retrograde	-493 Feb 10 j 14:24	0°♓52'23	
evening set	-493 Feb 13 j 03:07	0°♓26'01	
	-493 Feb 14 j 04:46	30°℞♒	
inferior conj	-493 Feb 20 j 04:04	25°♒40'58	3°36'36
minimum elong	-493 Feb 20 j 06:34	25°♒35'29	3°36'18
min. Earth dist.	-493 Feb 23 j 13:02	22°♒44'45	0.59830 AU
morning rise	-493 Feb 27 j 06:39	20°♒02'31	
direct	-493 Mar 05 j 19:48	18°♒04'11	
desc. node	-493 Mar 08 j 15:25	18°♒25'10	
morning max el	-493 Mar 20 j 02:36	25°♒49'31	27°19'25
	-493 Mar 24 j 00:13	0°♓	
	-493 Apr 12 j 19:53	0°♈	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-493 Apr 20 j 05:45	14°♈34'11	
asc. node	-493 Apr 25 j 15:00	26°♈04'33	
superior conj	-493 Apr 27 j 09:57	29°♈59'34	0°18'51
minimum elong	-493 Apr 27 j 09:06	29°♈54'58	0°18'40
max. Earth dist.	-493 Apr 26 j 20:34	28°♈46'16	1.32364 AU
	-493 Apr 27 j 10:01	0°♉	
evening rise	-493 May 04 j 08:37	15°♉02'42	
	-493 May 11 j 21:15	0°♊	
evening max el	-493 Jun 01 j 08:43	29°♊10'08	25°52'46
	-493 Jun 02 j 06:09	0°♋	
desc. node	-493 Jun 04 j 14:38	1°♋58'44	
retrograde	-493 Jun 15 j 10:13	6°♋23'01	
evening set	-493 Jun 21 j 11:31	4°♋54'41	
min. Earth dist.	-493 Jun 25 j 21:17	2°♋15'00	0.58723 AU
	-493 Jun 28 j 22:50	30°℞♊	
inferior conj	-493 Jun 29 j 04:36	29°♊49'20	-4°-41'-57
minimum elong	-493 Jun 29 j 04:16	29°♊49'56	4°41'57
morning rise	-493 Jul 07 j 00:43	25°♊24'34	
direct	-493 Jul 09 j 12:19	25°♊04'17	
morning max el	-493 Jul 17 j 14:27	28°♊54'44	18°36'35
	-493 Jul 18 j 16:26	0°♋	
asc. node	-493 Jul 22 j 14:13	4°♋55'13	
morning set	-493 Aug 02 j 19:52	24°♋44'20	
	-493 Aug 05 j 12:57	0°♌	
superior conj	-493 Aug 11 j 16:59	11°♌47'47	1°44'13
minimum elong	-493 Aug 11 j 18:48	11°♌56'20	1°44'08
max. Earth dist.	-493 Aug 18 j 22:05	24°♌52'59	1.39718 AU
	-493 Aug 21 j 21:08	0°♍	
evening rise	-493 Aug 23 j 03:22	2°♍08'03	
desc. node	-493 Aug 31 j 14:00	15°♍48'27	
	-493 Sep 10 j 02:02	0°♎	
evening max el	-493 Sep 27 j 04:32	21°♎30'26	23°54'37
retrograde	-493 Oct 08 j 01:28	27°♎54'25	
evening set	-493 Oct 13 j 05:25	25°♎45'48	
min. Earth dist.	-493 Oct 18 j 02:12	20°♎06'59	0.67531 AU
inferior conj	-493 Oct 18 j 15:24	19°♎22'09	0°01'42
minimum elong	-493 Oct 18 j 15:21	19°♎22'18	0°01'41
transit middle	-493 Oct 18 j 15:21	19°♎22'18	0°01'41
transit begin	-493 Oct 18 j 12:39	19°♎31'29	
transit end	-493 Oct 18 j 18:04	19°♎13'06	
asc. node	-493 Oct 18 j 13:26	19°♎28'50	
morning rise	-493 Oct 24 j 01:28	13°♎12'46	
direct	-493 Oct 27 j 23:32	11°♎45'41	
morning max el	-493 Nov 05 j 04:17	16°♎32'01	20°46'53
greatest brilliancy	-493 Nov 11 j 01:38	23°♎27'33	-0.5m
	-493 Nov 15 j 21:01	0°♏	
desc. node	-493 Nov 27 j 13:19	17°♏11'26	
morning set	-493 Dec 04 j 08:56	27°♏40'04	
	-493 Dec 05 j 20:46	0°♐	
max. Earth dist.	-493 Dec 13 j 07:17	11°♐50'50	1.42964 AU
superior conj	-493 Dec 20 j 00:28	22°♐55'55	-1°-54'-55
minimum elong	-493 Dec 19 j 20:18	22°♐38'23	1°54'44
	-493 Dec 24 j 04:10	0°♑	
evening rise	-492 Jan 01 j 00:12	13°♑44'06	
	-492 Jan 10 j 08:57	0°♒	
asc. node	-492 Jan 14 j 12:45	6°♒17'01	
evening max el	-492 Jan 18 j 00:44	10°♒27'12	18°07'53
retrograde	-492 Jan 24 j 14:33	13°♒52'18	
evening set	-492 Jan 27 j 07:29	13°♒17'11	
inferior conj	-492 Feb 02 j 19:27	8°♒10'36	3°51'43
minimum elong	-492 Feb 02 j 19:38	8°♒10'08	3°51'43
min. Earth dist.	-492 Feb 05 j 18:24	5°♒13'25	0.61906 AU
morning rise	-492 Feb 09 j 05:25	2°♒17'10	
	-492 Feb 14 j 03:32	30°℞♑	
direct	-492 Feb 16 j 04:35	29°♑47'22	
	-492 Feb 18 j 06:53	0°♒	
desc. node	-492 Feb 23 j 12:29	2°♒10'06	
morning max el	-492 Mar 01 j 06:00	7°♒37'56	27°46'00
	-492 Mar 18 j 08:23	0°♓	
morning set	-492 Apr 03 j 09:57	29°♓05'10	
	-492 Apr 03 j 20:40	0°♈	
max. Earth dist.	-492 Apr 09 j 06:59	11°♈27'41	1.32615 AU
superior conj	-492 Apr 10 j 20:16	14°♈49'50	0°-6'-57
minimum elong	-492 Apr 10 j 20:36	14°♈51'36	0°06'54
behind sun begin	-492 Apr 10 j 15:57	14°♈26'21	
behind sun end	-492 Apr 11 j 01:14	15°♈16'52	
asc. node	-492 Apr 11 j 12:04	16°♈15'47	
evening rise	-492 Apr 17 j 20:10	29°♈57'49	
	-492 Apr 17 j 20:35	0°♉	
	-492 May 04 j 14:22	0°♊	
evening max el	-492 May 13 j 00:55	10°♊02'50	24°28'08
desc. node	-492 May 21 j 11:40	15°♊55'57	
retrograde	-492 May 26 j 23:01	17°♊04'21	
evening set	-492 May 31 j 16:57	16°♊13'49	
min. Earth dist.	-492 Jun 06 j 12:23	13°♊17'46	0.56855 AU
inferior conj	-492 Jun 09 j 06:19	11°♊32'25	-4°-19'-23
minimum elong	-492 Jun 09 j 01:25	11°♊40'18	4°18'41
morning rise	-492 Jun 17 j 13:42	7°♊27'31	
direct	-492 Jun 20 j 03:49	7°♊09'10	
morning max el	-492 Jun 29 j 13:06	11°♊30'51	19°28'58
asc. node	-492 Jul 08 j 11:17	23°♊21'56	
	-492 Jul 12 j 04:33	0°♋	
morning set	-492 Jul 16 j 20:19	9°♋04'29	
superior conj	-492 Jul 24 j 23:11	25°♋18'42	1°47'22
minimum elong	-492 Jul 24 j 22:59	25°♋17'42	1°47'22
	-492 Jul 27 j 09:06	0°♌	
max. Earth dist.	-492 Jul 31 j 01:17	6°♌56'06	1.37731 AU
evening rise	-492 Aug 03 j 21:40	13°♌54'36	
	-492 Aug 13 j 11:15	0°♍	
desc. node	-492 Aug 17 j 11:02	6°♍13'21	
	-492 Sep 03 j 22:28	0°♎	
evening max el	-492 Sep 08 j 16:12	5°♎06'05	25°11'27
retrograde	-492 Sep 20 j 13:10	11°♎58'01	
evening set	-492 Sep 26 j 08:02	9°♎32'16	
min. Earth dist.	-492 Sep 30 j 20:17	4°♎28'46	0.67111 AU
inferior conj	-492 Oct 01 j 20:09	3°♎10'49	0°-53'-31
minimum elong	-492 Oct 01 j 21:29	3°♎06'28	0°52'58
asc. node	-492 Oct 04 j 10:30	29°♍56'34	
	-492 Oct 04 j 09:18	30°℞♍	
morning rise	-492 Oct 07 j 11:27	27°♍08'56	
direct	-492 Oct 10 j 21:45	26°♍00'57	
	-492 Oct 18 j 01:15	0°♎	
morning max el	-492 Oct 18 j 06:26	0°♎13'02	19°40'17
greatest brilliancy	-492 Oct 26 j 12:18	10°♎35'42	-0.6m
	-492 Nov 08 j 10:52	0°♏	
morning set	-492 Nov 12 j 06:36	5°♏54'06	
desc. node	-492 Nov 13 j 10:22	7°♏41'39	
max. Earth dist.	-492 Nov 24 j 19:55	25°♏33'30	1.44297 AU
	-492 Nov 27 j 14:46	0°♐	
superior conj	-492 Nov 29 j 01:33	2°♐19'34	-1°-31'-9
minimum elong	-492 Nov 28 j 17:36	1°♐47'38	1°30'26
evening rise	-492 Dec 12 j 22:21	25°♐12'36	
	-492 Dec 15 j 18:23	0°♑	
asc. node	-492 Dec 31 j 09:47	23°♑36'35	
evening max el	-492 Dec 31 j 13:19	23°♑45'35	18°19'38
retrograde	-491 Jan 07 j 01:25	27°♑17'17	
evening set	-491 Jan 09 j 22:47	26°♑32'28	
inferior conj	-491 Jan 16 j 00:55	21°♑05'40	3°45'29

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-491 Jan 15 j 23:20	21°♑10'08	3°45'19
min. Earth dist.	-491 Jan 18 j 09:12	18°♑27'59	0.63761 AU
morning rise	-491 Jan 21 j 22:21	15°♑02'28	
direct	-491 Jan 28 j 21:13	12°♑14'59	
desc. node	-491 Feb 09 j 09:34	18°♑00'56	
morning max el	-491 Feb 11 j 13:55	20°♑04'32	27°35'56
	-491 Feb 20 j 02:58	0°♒	
	-491 Mar 11 j 08:04	0°♓	
morning set	-491 Mar 18 j 07:10	13°♓11'50	
max. Earth dist.	-491 Mar 23 j 11:10	23°♓45'43	1.33264 AU
superior conj	-491 Mar 26 j 03:27	29°♓26'32	0°-33'-34
minimum elong	-491 Mar 26 j 05:03	29°♓35'05	0°33'15
	-491 Mar 26 j 09:43	0°♈	
asc. node	-491 Mar 29 j 09:07	6°♈23'44	
evening rise	-491 Apr 02 j 07:49	14°♈49'04	
	-491 Apr 10 j 00:04	0°♉	
evening max el	-491 Apr 24 j 16:08	20°♉38'26	22°53'10
retrograde	-491 May 07 j 23:06	27°♉13'40	
desc. node	-491 May 08 j 08:43	27°♉13'18	
evening set	-491 May 11 j 07:31	26°♉49'06	
min. Earth dist.	-491 May 19 j 01:11	23°♉24'07	0.55518 AU
inferior conj	-491 May 20 j 12:58	22°♉32'35	-3°-12'-52
minimum elong	-491 May 20 j 05:51	22°♉42'51	3°10'57
morning rise	-491 May 29 j 07:02	18°♉38'43	
direct	-491 Jun 01 j 01:09	18°♉20'51	
morning max el	-491 Jun 12 j 01:07	23°♉27'06	20°41'57
	-491 Jun 17 j 17:30	0°♊	
asc. node	-491 Jun 25 j 08:22	12°♊24'25	
morning set	-491 Jul 01 j 02:36	23°♊44'01	
	-491 Jul 04 j 03:25	0°♋	
superior conj	-491 Jul 08 j 17:09	9°♋26'25	1°42'29
minimum elong	-491 Jul 08 j 15:32	9°♋18'09	1°42'25
max. Earth dist.	-491 Jul 13 j 09:02	18°♋46'20	1.35938 AU
evening rise	-491 Jul 17 j 12:46	26°♋42'32	
	-491 Jul 19 j 07:39	0°♌	
desc. node	-491 Aug 04 j 08:02	26°♌20'45	
	-491 Aug 06 j 20:37	0°♍	
evening max el	-491 Aug 22 j 03:48	18°♍42'12	26°17'04
retrograde	-491 Sep 03 j 20:01	25°♍52'17	
evening set	-491 Sep 10 j 05:17	23°♍13'06	
min. Earth dist.	-491 Sep 14 j 09:33	18°♍46'59	0.66355 AU
inferior conj	-491 Sep 15 j 21:03	16°♍57'42	-1°-49'-14
minimum elong	-491 Sep 15 j 23:48	16°♍49'14	1°48'10
asc. node	-491 Sep 21 j 07:34	11°♍24'30	
morning rise	-491 Sep 21 j 19:17	11°♍06'27	
direct	-491 Sep 24 j 19:57	10°♍14'10	
morning max el	-491 Oct 01 j 15:27	14°♍01'54	18°48'38
	-491 Oct 13 j 08:05	0°♎	
morning set	-491 Oct 22 j 22:20	15°♎07'04	
desc. node	-491 Oct 31 j 07:23	28°♎20'45	
	-491 Nov 01 j 08:37	0°♏	
max. Earth dist.	-491 Nov 07 j 13:23	9°♏44'51	1.44955 AU
superior conj	-491 Nov 08 j 05:40	10°♏48'54	0°-50'-16
minimum elong	-491 Nov 07 j 23:20	10°♏23'59	0°49'30
	-491 Nov 20 j 08:06	0°♐	
evening rise	-491 Nov 23 j 21:29	5°♐42'36	
	-491 Dec 09 j 07:54	0°♑	
evening max el	-491 Dec 15 j 00:25	7°♑10'04	18°49'28
asc. node	-491 Dec 18 j 06:50	9°♑52'56	
retrograde	-491 Dec 21 j 18:53	10°♑59'05	
evening set	-491 Dec 24 j 21:45	10°♑03'20	
inferior conj	-491 Dec 30 j 16:45	4°♑18'49	3°23'58
minimum elong	-491 Dec 30 j 14:11	4°♑26'43	3°23'26
min. Earth dist.	-490 Jan 01 j 09:45	2°♑13'07	0.65271 AU
	-490 Jan 03 j 08:04	30°℞♐	
morning rise	-490 Jan 05 j 05:34	28°♐09'00	
direct	-490 Jan 11 j 20:32	25°♐18'32	
	-490 Jan 21 j 18:29	0°♑	
morning max el	-490 Jan 24 j 23:42	2°♑58'26	26°53'09
desc. node	-490 Jan 27 j 06:37	5°♑22'32	
	-490 Feb 14 j 09:53	0°♒	
morning set	-490 Mar 01 j 18:04	26°♒42'59	
	-490 Mar 03 j 10:48	0°♓	
max. Earth dist.	-490 Mar 06 j 05:19	5°♓29'51	1.34352 AU
superior conj	-490 Mar 10 j 05:20	13°♓42'06	0°-59'-53
minimum elong	-490 Mar 10 j 08:09	13°♓56'43	0°59'24
asc. node	-490 Mar 16 j 06:10	26°♓23'27	
evening rise	-490 Mar 17 j 17:41	29°♓29'01	
	-490 Mar 17 j 23:39	0°♈	
	-490 Apr 05 j 03:32	0°♉	
evening max el	-490 Apr 06 j 13:17	1°♉25'44	21°22'09
retrograde	-490 Apr 18 j 13:51	7°♉16'09	
evening set	-490 Apr 20 j 23:35	7°♉02'53	
desc. node	-490 Apr 25 j 05:46	5°♉41'39	
inferior conj	-490 Apr 30 j 08:03	3°♉02'48	-1°-26'-43
minimum elong	-490 Apr 30 j 04:00	3°♉08'30	1°25'18
min. Earth dist.	-490 Apr 30 j 14:05	2°♉54'19	0.55005 AU
	-490 May 06 j 08:01	30°℞♈	
morning rise	-490 May 09 j 08:38	29°♈02'35	
direct	-490 May 12 j 11:45	28°♈41'17	
	-490 May 18 j 08:43	0°♉	
morning max el	-490 May 25 j 02:18	4°♉40'27	22°12'31
	-490 Jun 11 j 06:30	0°♊	
asc. node	-490 Jun 12 j 05:26	1°♊52'43	
morning set	-490 Jun 15 j 12:30	8°♊35'33	
superior conj	-490 Jun 22 j 19:09	23°♊58'58	1°31'24
minimum elong	-490 Jun 22 j 16:48	23°♊46'33	1°31'10
	-490 Jun 25 j 16:24	0°♋	
max. Earth dist.	-490 Jun 26 j 01:19	0°♋45'52	1.34473 AU
evening rise	-490 Jun 30 j 19:40	10°♋17'40	
	-490 Jul 11 j 18:00	0°♌	
desc. node	-490 Jul 22 j 05:03	16°♌02'36	
	-490 Aug 02 j 11:25	0°♍	
evening max el	-490 Aug 04 j 15:32	2°♍11'13	27°03'56
retrograde	-490 Aug 17 j 21:44	9°♍30'14	
evening set	-490 Aug 24 j 18:50	6°♍44'54	
min. Earth dist.	-490 Aug 28 j 15:47	2°♍56'29	0.65233 AU
inferior conj	-490 Aug 30 j 16:00	0°♍39'17	-2°-43'-23
minimum elong	-490 Aug 30 j 19:58	0°♍27'58	2°42'02
	-490 Aug 31 j 05:51	30°℞♌	
morning rise	-490 Sep 05 j 22:36	25°♌01'48	
asc. node	-490 Sep 08 j 04:38	24°♌22'46	
direct	-490 Sep 08 j 16:03	24°♌21'32	
morning max el	-490 Sep 15 j 05:08	27°♌54'15	18°13'24
	-490 Sep 17 j 02:34	0°♍	
morning set	-490 Oct 03 j 18:23	25°♍44'17	
	-490 Oct 06 j 08:31	0°♎	
superior conj	-490 Oct 18 j 08:05	19°♎20'06	0°-1'00
minimum elong	-490 Oct 18 j 07:57	19°♎19'37	0°01'00
behind sun begin	-490 Oct 17 j 21:00	18°♎36'06	
behind sun end	-490 Oct 18 j 18:55	20°♎03'04	
desc. node	-490 Oct 18 j 04:23	19°♎05'25	
max. Earth dist.	-490 Oct 21 j 08:03	24°♎04'36	1.44876 AU
	-490 Oct 25 j 02:30	0°♏	
evening rise	-490 Nov 03 j 21:18	15°♏16'05	
	-490 Nov 13 j 09:31	0°♐	
greatest brilliancy	-490 Nov 20 j 02:05	10°♐02'06	-0.7m
evening max el	-490 Nov 28 j 07:56	20°♐37'31	19°36'00

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

asc. node	-490 Dec 05 j 03:53	24°♐51'17	
retrograde	-490 Dec 05 j 15:44	24°♐52'39	
evening set	-490 Dec 09 j 01:45	23°♐44'16	
inferior conj	-490 Dec 14 j 15:50	17°♐45'03	2°51'24
minimum elong	-490 Dec 14 j 12:59	17°♐54'20	2°50'36
min. Earth dist.	-490 Dec 15 j 18:45	16°♐17'01	0.66398 AU
morning rise	-490 Dec 19 j 23:29	11°♐31'09	
direct	-490 Dec 26 j 02:00	8°♐49'49	
morning max el	-489 Jan 07 j 09:00	16°♐07'12	25°45'32
desc. node	-489 Jan 14 j 03:38	23°♐48'37	
	-489 Jan 18 j 21:33	0°♑	
	-489 Feb 07 j 07:04	0°♒	
morning set	-489 Feb 12 j 14:19	9°♒26'10	
max. Earth dist.	-489 Feb 16 j 11:24	16°♒41'50	1.35893 AU
superior conj	-489 Feb 21 j 23:24	27°♒29'38	-1°-24'-20
minimum elong	-489 Feb 22 j 03:03	27°♒47'57	1°23'50
	-489 Feb 23 j 05:11	0°♓	
evening rise	-489 Mar 01 j 23:47	13°♓51'47	
asc. node	-489 Mar 03 j 03:12	16°♓10'42	
	-489 Mar 10 j 10:49	0°♈	
evening max el	-489 Mar 19 j 21:07	12°♈46'44	20°05'06
retrograde	-489 Mar 30 j 05:00	17°♈43'42	
evening set	-489 Apr 01 j 08:01	17°♈32'02	
inferior conj	-489 Apr 10 j 05:37	13°♈32'45	0°32'01
minimum elong	-489 Apr 10 j 07:02	13°♈30'37	0°31'30
min. Earth dist.	-489 Apr 12 j 04:10	12°♈22'49	0.55456 AU
desc. node	-489 Apr 12 j 02:48	12°♈24'51	
morning rise	-489 Apr 19 j 03:16	9°♈07'33	
direct	-489 Apr 23 j 01:51	8°♈33'27	
morning max el	-489 May 06 j 19:28	15°♈20'59	23°52'42
	-489 May 18 j 08:46	0°♉	
asc. node	-489 May 30 j 02:28	21°♉39'53	
morning set	-489 May 31 j 00:12	23°♉33'25	
	-489 Jun 03 j 00:46	0°♊	
superior conj	-489 Jun 07 j 02:27	8°♊47'36	1°15'28
minimum elong	-489 Jun 06 j 23:57	8°♊34'07	1°15'05
max. Earth dist.	-489 Jun 09 j 02:53	13°♊07'12	1.33400 AU
evening rise	-489 Jun 14 j 14:02	24°♊27'32	
	-489 Jun 17 j 09:29	0°♋	
	-489 Jul 05 j 07:25	0°♌	
desc. node	-489 Jul 09 j 02:05	5°♌07'43	
evening max el	-489 Jul 18 j 02:21	15°♌22'03	27°24'57
retrograde	-489 Jul 31 j 17:39	22°♌42'31	
evening set	-489 Aug 07 j 21:37	20°♌02'11	
min. Earth dist.	-489 Aug 11 j 13:01	16°♌48'08	0.63744 AU
inferior conj	-489 Aug 14 j 02:26	14°♌09'50	-3°-33'-8
minimum elong	-489 Aug 14 j 07:05	13°♌57'50	3°31'53
morning rise	-489 Aug 20 j 18:39	8°♌49'15	
direct	-489 Aug 23 j 07:25	8°♌17'37	
asc. node	-489 Aug 26 j 01:40	8°♌55'39	
morning max el	-489 Aug 29 j 20:44	11°♌43'30	17°55'33
	-489 Sep 11 j 06:45	0°♍	
morning set	-489 Sep 15 j 16:40	7°♍37'05	
superior conj	-489 Sep 28 j 05:18	28°♍49'07	0°44'11
minimum elong	-489 Sep 28 j 09:41	29°♍07'10	0°43'37
	-489 Sep 28 j 22:35	0°♎	
max. Earth dist.	-489 Oct 04 j 00:51	8°♎14'20	1.44089 AU
desc. node	-489 Oct 05 j 01:23	9°♎52'12	
evening rise	-489 Oct 14 j 05:34	24°♎13'33	
	-489 Oct 17 j 23:56	0°♏	
greatest brilliancy	-489 Nov 05 j 11:21	26°♏58'12	-0.5m
	-489 Nov 07 j 20:07	0°♐	
evening max el	-489 Nov 11 j 10:15	4°♐05'35	20°37'03
retrograde	-489 Nov 19 j 13:18	8°♐53'39	
asc. node	-489 Nov 22 j 00:55	8°♐18'28	
evening set	-489 Nov 23 j 08:35	7°♐30'26	
inferior conj	-489 Nov 28 j 19:34	1°♐19'50	2°10'39
minimum elong	-489 Nov 28 j 17:01	1°♐28'30	2°09'47
min. Earth dist.	-489 Nov 29 j 09:59	0°♐30'47	0.67154 AU
	-489 Nov 29 j 19:05	30°℞♏	
morning rise	-489 Dec 04 j 00:58	25°♏04'10	
direct	-489 Dec 09 j 12:42	22°♏40'24	
morning max el	-489 Dec 20 j 17:17	29°♏20'59	24°22'48
	-489 Dec 21 j 08:31	0°♐	
desc. node	-488 Jan 01 j 00:39	12°♐59'48	
	-488 Jan 12 j 17:46	0°♑	
morning set	-488 Jan 25 j 14:08	21°♑04'22	
max. Earth dist.	-488 Jan 29 j 08:10	27°♑43'57	1.37819 AU
	-488 Jan 30 j 14:05	0°♒	
superior conj	-488 Feb 05 j 06:17	10°♒39'28	-1°-44'-46
minimum elong	-488 Feb 05 j 09:55	10°♒56'58	1°44'27
evening rise	-488 Feb 13 j 23:43	27°♒50'07	
	-488 Feb 15 j 02:03	0°♓	
asc. node	-488 Feb 18 j 00:14	5°♓39'50	
evening max el	-488 Mar 01 j 15:57	24°♓45'58	19°06'39
retrograde	-488 Mar 10 j 08:50	28°♓57'06	
evening set	-488 Mar 12 j 14:34	28°♓41'41	
inferior conj	-488 Mar 20 j 18:22	24°♓29'07	2°11'02
minimum elong	-488 Mar 20 j 22:42	24°♓21'40	2°09'47
min. Earth dist.	-488 Mar 23 j 19:40	22°♓23'52	0.56764 AU
desc. node	-488 Mar 28 j 23:49	19°♓34'27	
morning rise	-488 Mar 29 j 02:43	19°♓31'36	
direct	-488 Apr 03 j 04:23	18°♓31'23	
morning max el	-488 Apr 17 j 10:05	25°♓51'27	25°29'38
	-488 Apr 21 j 07:35	0°♈	
	-488 May 10 j 07:40	0°♉	
morning set	-488 May 14 j 12:05	8°♉32'21	
asc. node	-488 May 15 j 23:31	11°♉40'20	
superior conj	-488 May 21 j 12:53	23°♉45'10	0°55'42
minimum elong	-488 May 21 j 10:44	23°♉33'25	0°55'18
max. Earth dist.	-488 May 22 j 11:45	25°♉49'56	1.32711 AU
	-488 May 24 j 09:52	0°♊	
evening rise	-488 May 28 j 16:25	9°♊01'31	
	-488 Jun 08 j 18:29	0°♋	
desc. node	-488 Jun 24 j 23:06	23°♋20'48	
evening max el	-488 Jun 29 j 10:05	28°♋02'25	27°14'44
	-488 Jul 01 j 14:34	0°♌	
retrograde	-488 Jul 13 j 06:53	5°♌20'17	
evening set	-488 Jul 20 j 09:46	2°♌58'25	
min. Earth dist.	-488 Jul 24 j 00:05	0°♌10'06	0.61931 AU
	-488 Jul 24 j 04:40	30°℞♋	
inferior conj	-488 Jul 27 j 01:23	27°♋22'32	-4°-13'-57
minimum elong	-488 Jul 27 j 05:34	27°♋12'56	4°13'13
morning rise	-488 Aug 03 j 04:03	22°♋21'59	
direct	-488 Aug 05 j 14:45	21°♋56'06	
asc. node	-488 Aug 11 j 22:43	24°♋53'22	
morning max el	-488 Aug 12 j 11:26	25°♋23'26	17°56'03
	-488 Aug 16 j 08:06	0°♌	
morning set	-488 Aug 28 j 11:19	20°♌28'41	
	-488 Sep 02 j 17:58	0°♍	
superior conj	-488 Sep 08 j 05:51	9°♍39'18	1°17'38
minimum elong	-488 Sep 08 j 10:45	10°♍00'26	1°17'06
max. Earth dist.	-488 Sep 15 j 13:49	21°♍59'27	1.42695 AU
desc. node	-488 Sep 20 j 22:26	0°♎38'07	
	-488 Sep 20 j 12:50	0°♎	
evening rise	-488 Sep 22 j 15:16	3°♎19'21	
	-488 Oct 10 j 10:56	0°♏	
greatest brilliancy	-488 Oct 19 j 11:19	12°♏05'47	-0.4m

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening max el	-488 Oct 24 j 06:51	17°♏34'37	21°49'21
retrograde	-488 Nov 02 j 09:47	22°♏59'56	
evening set	-488 Nov 06 j 16:26	21°♏19'49	
asc. node	-488 Nov 07 j 21:57	20°♏13'29	
inferior conj	-488 Nov 12 j 01:54	15°♏01'12	1°23'52
minimum elong	-488 Nov 12 j 00:05	15°♏07'29	1°23'09
min. Earth dist.	-488 Nov 12 j 05:05	14°♏50'13	0.67561 AU
morning rise	-488 Nov 17 j 07:30	8°♏46'09	
direct	-488 Nov 22 j 03:54	6°♏44'17	
morning max el	-488 Dec 02 j 02:59	12°♏39'17	22°55'04
greatest brilliancy	-488 Dec 06 j 20:54	17°♏57'58	-0.3m
	-488 Dec 15 j 23:37	0°♐	
desc. node	-488 Dec 17 j 21:42	2°♐43'28	
	-487 Jan 04 j 15:23	0°♑	
morning set	-487 Jan 05 j 11:18	1°♑22'09	
max. Earth dist.	-487 Jan 10 j 03:40	9°♑15'43	1.39938 AU
superior conj	-487 Jan 17 j 21:37	23°♑00'27	-1°-58'-7
minimum elong	-487 Jan 17 j 23:45	23°♑10'12	1°58'04
	-487 Jan 21 j 16:06	0°♒	
evening rise	-487 Jan 27 j 14:41	11°♒17'09	
asc. node	-487 Feb 03 j 21:17	24°♒44'30	
	-487 Feb 07 j 02:03	0°♓	
evening max el	-487 Feb 12 j 19:35	7°♓17'54	18°28'09
retrograde	-487 Feb 20 j 07:41	10°♓59'07	
evening set	-487 Feb 22 j 18:01	10°♓37'06	
inferior conj	-487 Mar 02 j 03:56	6°♓04'10	3°15'12
minimum elong	-487 Mar 02 j 07:38	5°♓56'42	3°14'31
min. Earth dist.	-487 Mar 05 j 14:12	3°♓20'07	0.58638 AU
morning rise	-487 Mar 09 j 17:28	0°♓38'20	
	-487 Mar 11 j 02:38	30°♑℞	
direct	-487 Mar 15 j 20:04	29°♒01'59	
desc. node	-487 Mar 15 j 20:53	29°♒01'59	
	-487 Mar 20 j 16:07	0°♓	
morning max el	-487 Mar 30 j 03:59	6°♓40'04	26°48'01
	-487 Apr 16 j 12:54	0°♈	
morning set	-487 Apr 28 j 22:27	23°♈25'54	
	-487 May 02 j 00:31	0°♉	
asc. node	-487 May 02 j 20:33	1°♉48'34	
superior conj	-487 May 06 j 00:35	8°♉44'34	0°32'58
minimum elong	-487 May 05 j 23:10	8°♉36'50	0°32'40
max. Earth dist.	-487 May 06 j 00:21	8°♉43'19	1.32389 AU
evening rise	-487 May 13 j 00:02	23°♉49'41	
	-487 May 16 j 00:13	0°♊	
	-487 Jun 02 j 20:17	0°♋	
evening max el	-487 Jun 11 j 11:55	9°♋59'54	26°31'24
desc. node	-487 Jun 11 j 20:08	10°♋19'17	
retrograde	-487 Jun 25 j 11:59	17°♋14'37	
evening set	-487 Jul 02 j 02:40	15°♋24'05	
min. Earth dist.	-487 Jul 06 j 01:08	12°♋46'46	0.59906 AU
inferior conj	-487 Jul 09 j 09:14	10°♋07'12	-4°-38'-50
minimum elong	-487 Jul 09 j 11:08	10°♋03'23	4°38'43
morning rise	-487 Jul 16 j 22:54	5°♋29'17	
direct	-487 Jul 19 j 09:50	5°♋07'14	
morning max el	-487 Jul 26 j 22:13	8°♋45'29	18°15'59
asc. node	-487 Jul 29 j 19:46	12°♋00'02	
	-487 Aug 09 j 17:11	0°♌	
morning set	-487 Aug 11 j 20:40	4°♌02'45	
superior conj	-487 Aug 21 j 07:37	21°♌44'07	1°37'55
minimum elong	-487 Aug 21 j 10:44	21°♌58'19	1°37'41
	-487 Aug 25 j 22:46	0°♍	
max. Earth dist.	-487 Aug 28 j 21:20	5°♍04'47	1.40868 AU
evening rise	-487 Sep 02 j 18:42	13°♍14'57	
desc. node	-487 Sep 07 j 19:28	21°♍19'11	
	-487 Sep 13 j 10:52	0°♎	

greatest brilliancy	-487 Oct 01 j 05:31	24°♎39'46	-0.2m
	-487 Oct 05 j 21:08	0°♏	
evening max el	-487 Oct 06 j 22:17	1°♏04'48	23°08'24
retrograde	-487 Oct 17 j 03:43	7°♏08'24	
evening set	-487 Oct 21 j 23:37	5°♏10'01	
asc. node	-487 Oct 25 j 18:59	0°♏56'17	
	-487 Oct 26 j 11:44	30°♏℞	
inferior conj	-487 Oct 27 j 09:00	28°♎47'04	0°32'40
minimum elong	-487 Oct 27 j 08:14	28°♎49'42	0°32'20
min. Earth dist.	-487 Oct 27 j 01:40	29°♎12'18	0.67634 AU
morning rise	-487 Nov 01 j 16:54	22°♎35'04	
direct	-487 Nov 05 j 22:39	20°♎55'52	
morning max el	-487 Nov 14 j 17:37	26°♎05'26	21°31'05
	-487 Nov 18 j 06:13	0°♏	
greatest brilliancy	-487 Nov 19 j 19:04	1°♏52'36	-0.4m
desc. node	-487 Dec 04 j 18:45	22°♏50'26	
	-487 Dec 09 j 12:34	0°♐	
morning set	-487 Dec 16 j 03:41	10°♐18'36	
max. Earth dist.	-487 Dec 23 j 04:46	21°♐41'21	1.41957 AU
	-487 Dec 28 j 03:42	0°♑	
superior conj	-487 Dec 30 j 16:06	4°♑19'39	-2°00'-25
minimum elong	-487 Dec 30 j 14:41	4°♑13'30	2°00'24
evening rise	-486 Jan 10 j 17:12	24°♑05'20	
	-486 Jan 13 j 23:07	0°♒	
asc. node	-486 Jan 21 j 18:20	13°♒16'56	
evening max el	-486 Jan 27 j 04:59	20°♒14'17	18°09'36
retrograde	-486 Feb 03 j 00:03	23°♒41'32	
evening set	-486 Feb 05 j 14:32	23°♒11'34	
inferior conj	-486 Feb 12 j 09:31	18°♒16'56	3°46'06
minimum elong	-486 Feb 12 j 11:00	18°♒13'26	3°46'00
min. Earth dist.	-486 Feb 15 j 14:58	15°♒17'36	0.60725 AU
morning rise	-486 Feb 19 j 04:34	12°♒31'07	
direct	-486 Feb 25 j 23:09	10°♒18'26	
desc. node	-486 Mar 02 j 17:55	11°♒19'10	
morning max el	-486 Mar 12 j 04:14	18°♒06'27	27°35'22
	-486 Mar 22 j 03:38	0°♓	
	-486 Apr 09 j 04:13	0°♈	
morning set	-486 Apr 13 j 05:32	8°♈07'46	
max. Earth dist.	-486 Apr 19 j 12:48	21°♈33'50	1.32426 AU
asc. node	-486 Apr 19 j 17:38	22°♈00'14	
superior conj	-486 Apr 20 j 11:54	23°♈40'07	0°08'04
minimum elong	-486 Apr 20 j 11:32	23°♈38'06	0°08'00
behind sun begin	-486 Apr 20 j 07:09	23°♈14'06	
behind sun end	-486 Apr 20 j 15:55	24°♈02'06	
	-486 Apr 23 j 09:20	0°♉	
evening rise	-486 Apr 27 j 10:44	8°♉44'26	
	-486 May 08 j 12:12	0°♊	
evening max el	-486 May 24 j 06:48	21°♊12'11	25°18'53
desc. node	-486 May 29 j 17:10	25°♊33'01	
retrograde	-486 Jun 07 j 07:34	28°♊21'48	
evening set	-486 Jun 12 j 20:52	27°♊09'55	
min. Earth dist.	-486 Jun 17 j 18:38	24°♊25'18	0.57888 AU
inferior conj	-486 Jun 20 j 22:30	22°♊14'22	-4°-37'-15
minimum elong	-486 Jun 20 j 20:13	22°♊18'19	4°37'06
morning rise	-486 Jun 28 j 23:28	17°♊59'05	
direct	-486 Jul 01 j 12:08	17°♊39'42	
morning max el	-486 Jul 10 j 02:09	21°♊41'14	18°56'21
asc. node	-486 Jul 16 j 16:50	0°♋01'09	
	-486 Jul 16 j 16:32	0°♋	
morning set	-486 Jul 26 j 16:30	18°♋08'13	
	-486 Aug 01 j 17:19	0°♌	
superior conj	-486 Aug 04 j 05:01	4°♌48'08	1°46'39
minimum elong	-486 Aug 04 j 05:55	4°♌52'28	1°46'39
max. Earth dist.	-486 Aug 11 j 00:27	17°♌25'34	1.38858 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening rise	-486 Aug 14 j 22:57	24°♌20'37	
	-486 Aug 18 j 07:09	0°♍	
desc. node	-486 Aug 25 j 16:30	11°♍51'17	
	-486 Sep 07 j 04:58	0°♎	
evening max el	-486 Sep 19 j 10:27	14°♎37'32	24°28'08
retrograde	-486 Sep 30 j 18:05	21°♎15'02	
evening set	-486 Oct 06 j 04:25	18°♎58'33	
min. Earth dist.	-486 Oct 10 j 21:21	13°♎34'38	0.67388 AU
inferior conj	-486 Oct 11 j 15:06	12°♎35'10	0°-21'-32
minimum elong	-486 Oct 11 j 15:37	12°♎33'25	0°21'20
asc. node	-486 Oct 12 j 16:03	11°♎12'21	
morning rise	-486 Oct 17 j 03:12	6°♎28'48	
direct	-486 Oct 20 j 19:54	5°♎10'27	
morning max el	-486 Oct 28 j 15:28	9°♎41'13	20°16'54
greatest brilliancy	-486 Nov 04 j 08:18	17°♎46'04	-0.6m
	-486 Nov 12 j 21:47	0°♏	
desc. node	-486 Nov 21 j 15:48	13°♏13'31	
morning set	-486 Nov 25 j 01:26	18°♏27'55	
	-486 Dec 02 j 10:18	0°♐	
max. Earth dist.	-486 Dec 05 j 13:07	4°♐58'15	1.43599 AU
superior conj	-486 Dec 11 j 08:40	14°♐25'11	-1°-47'-7
minimum elong	-486 Dec 11 j 02:31	13°♐59'54	1°46'43
	-486 Dec 20 j 14:34	0°♑	
evening rise	-486 Dec 24 j 02:59	6°♑05'11	
	-485 Jan 07 j 18:29	0°♒	
asc. node	-485 Jan 08 j 15:23	1°♒06'33	
evening max el	-485 Jan 10 j 17:10	3°♒26'21	18°10'32
retrograde	-485 Jan 17 j 05:23	6°♒53'12	
evening set	-485 Jan 19 j 23:59	6°♒14'15	
inferior conj	-485 Jan 26 j 07:25	0°♒58'51	3°51'16
minimum elong	-485 Jan 26 j 06:46	1°♒00'36	3°51'14
	-485 Jan 27 j 05:33	30°℞♑	
min. Earth dist.	-485 Jan 29 j 00:27	28°♑07'40	0.62729 AU
morning rise	-485 Feb 01 j 11:31	25°♑00'26	
direct	-485 Feb 08 j 11:30	22°♑21'11	
desc. node	-485 Feb 17 j 14:58	26°♑02'10	
	-485 Feb 22 j 04:48	0°♒	
morning max el	-485 Feb 22 j 10:05	0°♒13'02	27°46'02
	-485 Mar 16 j 03:42	0°♓	
morning set	-485 Mar 28 j 07:06	22°♓29'42	
	-485 Mar 31 j 22:29	0°♈	
max. Earth dist.	-485 Apr 02 j 20:59	4°♈06'30	1.32840 AU
superior conj	-485 Apr 04 j 21:07	8°♈25'15	0°-18'-13
minimum elong	-485 Apr 04 j 21:58	8°♈29'54	0°18'02
asc. node	-485 Apr 06 j 14:42	12°♈10'31	
evening rise	-485 Apr 11 j 22:31	23°♈38'21	
	-485 Apr 15 j 00:17	0°♉	
	-485 May 04 j 01:02	0°♊	
evening max el	-485 May 05 j 21:34	1°♊53'20	23°48'01
desc. node	-485 May 16 j 14:11	8°♊25'32	
retrograde	-485 May 19 j 15:28	8°♊46'48	
evening set	-485 May 23 j 18:22	8°♊09'15	
min. Earth dist.	-485 May 30 j 08:29	5°♊02'05	0.56196 AU
inferior conj	-485 Jun 01 j 15:36	3°♊38'17	-3°-56'-49
minimum elong	-485 Jun 01 j 09:14	3°♊48'02	3°55'32
	-485 Jun 08 j 21:31	30°℞♉	
morning rise	-485 Jun 10 j 03:46	29°♉39'47	
direct	-485 Jun 12 j 19:00	29°♉22'04	
	-485 Jun 16 j 12:45	0°♊	
morning max el	-485 Jun 22 j 20:32	4°♊01'28	19°57'40
asc. node	-485 Jul 03 j 13:55	18°♊44'13	
	-485 Jul 09 j 12:26	0°♋	
morning set	-485 Jul 10 j 19:41	2°♋37'06	
superior conj	-485 Jul 18 j 16:44	18°♋36'18	1°46'09
minimum elong	-485 Jul 18 j 15:50	18°♋31'52	1°46'09
max. Earth dist.	-485 Jul 24 j 04:24	29°♋18'00	1.36926 AU
	-485 Jul 24 j 13:17	0°♌	
evening rise	-485 Jul 28 j 02:40	6°♌34'55	
	-485 Aug 11 j 03:24	0°♍	
desc. node	-485 Aug 12 j 13:31	2°♍09'35	
evening max el	-485 Sep 01 j 21:49	28°♍13'42	25°41'17
	-485 Sep 03 j 19:25	0°♎	
retrograde	-485 Sep 14 j 03:59	5°♎15'31	
evening set	-485 Sep 20 j 05:00	2°♎43'23	
	-485 Sep 22 j 21:04	30°℞♍	
min. Earth dist.	-485 Sep 24 j 13:45	27°♍55'27	0.66822 AU
inferior conj	-485 Sep 25 j 18:27	26°♍23'45	-1°-17'-11
minimum elong	-485 Sep 25 j 20:23	26°♍17'33	1°16'25
asc. node	-485 Sep 29 j 13:05	22°♍00'20	
morning rise	-485 Oct 01 j 12:29	20°♍25'53	
direct	-485 Oct 04 j 18:18	19°♍25'08	
morning max el	-485 Oct 11 j 20:44	23°♍26'11	19°16'23
	-485 Oct 17 j 06:59	0°♎	
greatest brilliancy	-485 Oct 22 j 06:41	7°♎08'54	-0.7m
morning set	-485 Nov 04 j 04:24	27°♎00'32	
	-485 Nov 06 j 02:25	0°♏	
desc. node	-485 Nov 08 j 12:50	3°♏48'04	
max. Earth dist.	-485 Nov 18 j 03:38	18°♏53'29	1.44659 AU
superior conj	-485 Nov 20 j 23:21	23°♏21'36	-1°-15'-36
minimum elong	-485 Nov 20 j 15:16	22°♏49'30	1°14'45
	-485 Nov 25 j 03:10	0°♐	
evening rise	-485 Dec 05 j 15:42	17°♐09'12	
	-485 Dec 13 j 10:27	0°♑	
evening max el	-485 Dec 25 j 05:27	16°♑48'12	18°30'10
asc. node	-485 Dec 26 j 12:24	18°♑01'13	
retrograde	-485 Dec 31 j 19:24	20°♑26'00	
evening set	-484 Jan 03 j 18:53	19°♑36'51	
inferior conj	-484 Jan 09 j 17:44	14°♑02'29	3°37'54
minimum elong	-484 Jan 09 j 15:38	14°♑08'38	3°37'35
min. Earth dist.	-484 Jan 11 j 19:34	11°♑36'59	0.64454 AU
morning rise	-484 Jan 15 j 11:02	7°♑56'06	
direct	-484 Jan 22 j 07:25	5°♑05'15	
desc. node	-484 Feb 04 j 12:02	12°♑35'12	
morning max el	-484 Feb 04 j 19:01	12°♑52'30	27°21'10
	-484 Feb 18 j 14:05	0°♒	
	-484 Mar 07 j 16:30	0°♓	
morning set	-484 Mar 11 j 00:23	6°♓22'38	
max. Earth dist.	-484 Mar 15 j 20:59	16°♓09'20	1.33673 AU
superior conj	-484 Mar 19 j 02:20	22°♓53'57	0°-44'-51
minimum elong	-484 Mar 19 j 04:28	23°♓05'15	0°44'26
	-484 Mar 22 j 10:22	0°♈	
asc. node	-484 Mar 23 j 11:44	2°♈15'25	
evening rise	-484 Mar 26 j 09:38	8°♈25'20	
	-484 Apr 06 j 21:00	0°♉	
evening max el	-484 Apr 16 j 14:39	12°♉30'57	22°13'13
retrograde	-484 Apr 29 j 10:40	18°♉48'39	
evening set	-484 May 02 j 07:14	18°♉30'38	
desc. node	-484 May 02 j 11:13	18°♉28'31	
min. Earth dist.	-484 May 10 j 21:27	14°♉49'11	0.55185 AU
inferior conj	-484 May 11 j 15:57	14°♉23'07	-2°-31'-32
minimum elong	-484 May 11 j 09:30	14°♉32'12	2°29'32
morning rise	-484 May 20 j 13:32	10°♉28'30	
direct	-484 May 23 j 10:28	10°♉09'51	
morning max el	-484 Jun 04 j 03:44	15°♉38'56	21°18'40
	-484 Jun 15 j 00:54	0°♊	
asc. node	-484 Jun 19 j 10:58	7°♊58'33	
morning set	-484 Jun 24 j 03:44	17°♊22'11	
	-484 Jun 30 j 04:44	0°♋	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-484 Jul 01 j 14:27	2°♋55'27	1°38'28
minimum elong	-484 Jul 01 j 12:27	2°♋45'01	1°38'19
max. Earth dist.	-484 Jul 05 j 15:21	11°♋09'16	1.35268 AU
evening rise	-484 Jul 10 j 01:05	19°♋44'43	
	-484 Jul 15 j 15:33	0°♌	
desc. node	-484 Jul 29 j 10:32	22°♌07'06	
	-484 Aug 04 j 03:40	0°♍	
evening max el	-484 Aug 14 j 09:39	11°♍48'23	26°39'54
retrograde	-484 Aug 27 j 08:40	19°♍03'13	
evening set	-484 Sep 02 j 23:15	16°♍20'40	
min. Earth dist.	-484 Sep 07 j 00:24	12°♍10'24	0.65917 AU
inferior conj	-484 Sep 08 j 17:04	10°♍08'55	-2°-12'-34
minimum elong	-484 Sep 08 j 20:22	9°♍59'02	2°11'20
morning rise	-484 Sep 14 j 18:40	4°♍22'49	
asc. node	-484 Sep 15 j 10:09	4°♍04'18	
direct	-484 Sep 17 j 15:59	3°♍36'00	
morning max el	-484 Sep 24 j 07:55	7°♍16'27	18°31'33
	-484 Oct 10 j 02:17	0°♎	
morning set	-484 Oct 14 j 07:49	6°♎48'32	
desc. node	-484 Oct 25 j 09:50	24°♎29'39	
	-484 Oct 28 j 21:34	0°♏	
superior conj	-484 Oct 29 j 23:50	1°♏43'20	0°-29'-39
minimum elong	-484 Oct 29 j 19:55	1°♏27'58	0°29'09
max. Earth dist.	-484 Oct 30 j 21:50	3°♏09'54	1.45014 AU
evening rise	-484 Nov 15 j 04:28	27°♏13'19	
	-484 Nov 16 j 22:34	0°♐	
	-484 Dec 07 j 09:46	0°♑	
evening max el	-484 Dec 07 j 15:20	0°♑14'29	19°07'24
asc. node	-484 Dec 12 j 09:25	3°♑46'11	
retrograde	-484 Dec 14 j 14:31	4°♑13'13	
evening set	-484 Dec 17 j 20:17	3°♑12'14	
	-484 Dec 21 j 08:52	30°℞♐	
inferior conj	-484 Dec 23 j 12:57	27°♐21'17	3°11'16
minimum elong	-484 Dec 23 j 10:12	27°♐30'01	3°10'37
min. Earth dist.	-484 Dec 24 j 23:48	25°♐31'15	0.65802 AU
morning rise	-484 Dec 28 j 23:13	21°♐09'44	
direct	-483 Jan 04 j 09:28	18°♐21'45	
morning max el	-483 Jan 17 j 04:32	25°♐53'09	26°26'52
	-483 Jan 20 j 23:52	0°♑	
desc. node	-483 Jan 21 j 09:05	0°♑26'41	
	-483 Feb 11 j 02:51	0°♒	
morning set	-483 Feb 22 j 05:41	19°♒35'25	
max. Earth dist.	-483 Feb 26 j 10:00	27°♒38'41	1.34956 AU
	-483 Feb 27 j 14:31	0°♓	
superior conj	-483 Mar 03 j 01:18	6°♓59'18	-1°-10'-35
minimum elong	-483 Mar 03 j 04:32	7°♓15'52	1°10'04
asc. node	-483 Mar 10 j 08:46	22°♓10'48	
evening rise	-483 Mar 10 j 18:11	22°♓59'23	
	-483 Mar 14 j 05:24	0°♈	
evening max el	-483 Mar 29 j 16:13	23°♈32'07	20°47'17
retrograde	-483 Apr 09 j 23:37	28°♈59'15	
evening set	-483 Apr 12 j 05:04	28°♈47'25	
desc. node	-483 Apr 19 j 08:15	26°♈00'17	
inferior conj	-483 Apr 21 j 10:20	24°♈49'56	0°-35'-47
minimum elong	-483 Apr 21 j 08:39	24°♈52'22	0°35'12
min. Earth dist.	-483 Apr 22 j 10:41	24°♈15'11	0.55086 AU
morning rise	-483 Apr 30 j 11:04	20°♈41'13	
direct	-483 May 03 j 21:29	20°♈15'46	
morning max el	-483 May 17 j 00:52	26°♈36'24	22°54'32
	-483 May 20 j 07:02	0°♉	
asc. node	-483 Jun 06 j 08:02	27°♉36'09	
	-483 Jun 07 j 12:09	0°♊	
morning set	-483 Jun 08 j 14:39	2°♊17'43	
superior conj	-483 Jun 15 j 19:02	17°♊36'06	1°25'10
minimum elong	-483 Jun 15 j 16:33	17°♊22'52	1°24'52
max. Earth dist.	-483 Jun 18 j 12:05	23°♊19'26	1.33976 AU
	-483 Jun 21 j 18:01	0°♋	
evening rise	-483 Jun 23 j 13:25	3°♋36'38	
	-483 Jul 08 j 10:30	0°♌	
desc. node	-483 Jul 16 j 07:33	11°♌34'55	
evening max el	-483 Jul 27 j 21:26	25°♌11'51	27°16'22
	-483 Aug 02 j 20:56	0°♍	
retrograde	-483 Aug 10 j 07:42	2°♍31'09	
evening set	-483 Aug 17 j 08:35	29°♌46'38	
	-483 Aug 17 j 01:36	30°℞♌	
min. Earth dist.	-483 Aug 21 j 02:58	26°♌13'27	0.64651 AU
inferior conj	-483 Aug 23 j 08:44	23°♌46'31	-3°-5'-16
minimum elong	-483 Aug 23 j 13:05	23°♌34'35	3°03'53
morning rise	-483 Aug 29 j 19:17	18°♌15'40	
direct	-483 Sep 01 j 10:33	17°♌39'18	
asc. node	-483 Sep 02 j 07:12	17°♌43'13	
morning max el	-483 Sep 07 j 22:42	21°♌07'47	18°03'37
	-483 Sep 14 j 17:14	0°♍	
morning set	-483 Sep 25 j 15:38	17°♍59'45	
	-483 Oct 02 j 20:29	0°♎	
superior conj	-483 Oct 09 j 08:07	10°♎32'43	0°19'19
minimum elong	-483 Oct 09 j 10:24	10°♎41'53	0°19'01
desc. node	-483 Oct 12 j 06:50	15°♎15'15	
max. Earth dist.	-483 Oct 13 j 16:35	17°♎29'11	1.44629 AU
	-483 Oct 21 j 16:07	0°♏	
evening rise	-483 Oct 25 j 20:04	6°♏27'11	
	-483 Nov 10 j 08:33	0°♐	
greatest brilliancy	-483 Nov 13 j 18:37	4°♐53'04	-0.6m
evening max el	-483 Nov 20 j 20:46	13°♐41'56	20°00'24
retrograde	-483 Nov 28 j 11:54	18°♐10'05	
asc. node	-483 Nov 29 j 06:28	18°♐06'40	
evening set	-483 Dec 02 j 01:44	16°♐55'25	
inferior conj	-483 Dec 07 j 14:15	10°♐50'49	2°34'57
minimum elong	-483 Dec 07 j 11:29	11°♐00'05	2°34'06
min. Earth dist.	-483 Dec 08 j 11:35	9°♐39'43	0.66762 AU
morning rise	-483 Dec 12 j 20:39	4°♐36'06	
direct	-483 Dec 18 j 17:01	2°♐01'46	
morning max el	-483 Dec 30 j 13:19	9°♐04'24	25°11'41
desc. node	-482 Jan 08 j 06:05	19°♐13'19	
	-482 Jan 16 j 01:51	0°♑	
	-482 Feb 03 j 16:46	0°♒	
morning set	-482 Feb 04 j 18:00	1°♒52'36	
max. Earth dist.	-482 Feb 08 j 11:53	8°♒44'06	1.36673 AU
superior conj	-482 Feb 14 j 15:04	20°♒31'50	-1°-33'-38
minimum elong	-482 Feb 14 j 18:50	20°♒50'30	1°33'13
	-482 Feb 19 j 08:26	0°♓	
evening rise	-482 Feb 22 j 21:59	7°♓12'46	
asc. node	-482 Feb 25 j 05:48	11°♓51'04	
	-482 Mar 07 j 18:50	0°♈	
evening max el	-482 Mar 12 j 04:49	5°♈09'10	19°37'48
retrograde	-482 Mar 21 j 19:15	9°♈45'25	
evening set	-482 Mar 23 j 22:51	9°♈32'35	
inferior conj	-482 Apr 01 j 13:11	5°♈28'29	1°17'46
minimum elong	-482 Apr 01 j 16:19	5°♈23'30	1°16'44
min. Earth dist.	-482 Apr 04 j 00:58	3°♈54'05	0.55922 AU
desc. node	-482 Apr 06 j 05:18	2°♈37'27	
morning rise	-482 Apr 10 j 06:19	0°♈49'57	
direct	-482 Apr 14 j 15:50	0°♈06'40	
morning max el	-482 Apr 28 j 16:17	7°♈09'25	24°35'14
	-482 May 15 j 06:13	0°♉	
morning set	-482 May 24 j 02:39	17°♉16'56	
asc. node	-482 May 24 j 05:04	17°♉29'39	
	-482 May 30 j 00:27	0°♊	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-482 May 31 j 03:56	2°♊29'17	1°07'30
minimum elong	-482 May 31 j 01:31	2°♊16'13	1°07'05
max. Earth dist.	-482 Jun 01 j 17:17	5°♊51'19	1.33066 AU
evening rise	-482 Jun 07 j 11:34	17°♊57'41	
	-482 Jun 13 j 16:05	0°♋	
	-482 Jul 02 j 22:11	0°♌	
desc. node	-482 Jul 03 j 04:35	0°♌19'57	
evening max el	-482 Jul 10 j 07:07	8°♌10'32	27°24'27
retrograde	-482 Jul 24 j 00:45	15°♌29'58	
evening set	-482 Jul 31 j 05:39	12°♌55'28	
min. Earth dist.	-482 Aug 03 j 19:44	9°♌54'08	0.63015 AU
inferior conj	-482 Aug 06 j 14:40	7°♌10'02	-3°-51'-53
minimum elong	-482 Aug 06 j 19:18	6°♌58'39	3°50'48
morning rise	-482 Aug 13 j 11:16	1°♌57'52	
direct	-482 Aug 15 j 22:55	1°♌28'56	
asc. node	-482 Aug 20 j 04:15	2°♌53'45	
morning max el	-482 Aug 22 j 14:20	4°♌54'01	17°53'30
morning set	-482 Sep 07 j 23:19	0°♍19'25	
	-482 Sep 07 j 18:55	0°♍	
superior conj	-482 Sep 19 j 16:47	20°♍35'53	1°00'01
minimum elong	-482 Sep 19 j 21:50	20°♍56'57	0°59'24
	-482 Sep 25 j 09:43	0°♎	
max. Earth dist.	-482 Sep 26 j 08:14	1°♎31'04	1.43559 AU
desc. node	-482 Sep 29 j 03:53	6°♎02'00	
evening rise	-482 Oct 05 j 02:38	15°♎22'03	
	-482 Oct 14 j 17:34	0°♏	
greatest brilliancy	-482 Oct 29 j 12:07	20°♏54'31	-0.5m
evening max el	-482 Nov 03 j 20:33	27°♏09'47	21°06'39
	-482 Nov 07 j 00:06	0°♐	
retrograde	-482 Nov 12 j 09:20	2°♐13'46	
evening set	-482 Nov 16 j 09:13	0°♐43'28	
asc. node	-482 Nov 16 j 03:29	0°♐54'02	
	-482 Nov 17 j 05:56	30°℞♏	
inferior conj	-482 Nov 21 j 19:21	24°♏28'42	1°51'28
minimum elong	-482 Nov 21 j 17:04	24°♏36'34	1°50'37
min. Earth dist.	-482 Nov 22 j 04:47	23°♏56'17	0.67361 AU
morning rise	-482 Nov 27 j 00:33	18°♏12'58	
direct	-482 Dec 02 j 05:36	15°♏58'27	
morning max el	-482 Dec 12 j 22:02	22°♏20'40	23°45'38
	-482 Dec 19 j 14:30	0°♐	
desc. node	-482 Dec 26 j 03:07	8°♐39'30	
	-481 Jan 09 j 10:05	0°♑	
morning set	-481 Jan 17 j 07:13	12°♑58'19	
max. Earth dist.	-481 Jan 21 j 07:14	19°♑54'55	1.38706 AU
	-481 Jan 26 j 20:45	0°♒	
superior conj	-481 Jan 28 j 15:54	3°♒21'55	-1°-51'-30
minimum elong	-481 Jan 28 j 19:07	3°♒37'08	1°51'18
evening rise	-481 Feb 06 j 18:31	20°♒58'41	
	-481 Feb 11 j 11:34	0°♓	
asc. node	-481 Feb 12 j 02:51	1°♓10'35	
evening max el	-481 Feb 23 j 03:40	17°♓22'44	18°47'50
retrograde	-481 Mar 03 j 07:10	21°♓19'31	
evening set	-481 Mar 05 j 14:39	21°♓01'41	
inferior conj	-481 Mar 13 j 10:36	16°♓40'54	2°42'38
minimum elong	-481 Mar 13 j 15:00	16°♓32'47	2°41'33
min. Earth dist.	-481 Mar 16 j 17:42	14°♓16'26	0.57508 AU
morning rise	-481 Mar 21 j 11:11	11°♓29'57	
desc. node	-481 Mar 24 j 02:19	10°♓35'59	
direct	-481 Mar 26 j 23:58	10°♓15'12	
morning max el	-481 Apr 10 j 07:56	17°♓45'01	26°06'04
	-481 Apr 20 j 11:34	0°♈	
	-481 May 07 j 12:23	0°♉	
morning set	-481 May 08 j 14:07	2°♉14'12	
asc. node	-481 May 11 j 02:08	7°♉33'48	

superior conj	-481 May 15 j 15:08	17°♉28'18	0°46'23
minimum elong	-481 May 15 j 13:15	17°♉18'00	0°46'00
max. Earth dist.	-481 May 16 j 04:03	18°♉39'03	1.32530 AU
	-481 May 21 j 10:15	0°♊	
evening rise	-481 May 22 j 16:28	2°♊38'16	
	-481 Jun 06 j 13:26	0°♋	
desc. node	-481 Jun 20 j 01:38	18°♋04'12	
evening max el	-481 Jun 22 j 12:22	20°♋32'33	27°00'07
retrograde	-481 Jul 06 j 11:00	27°♋49'59	
evening set	-481 Jul 13 j 10:12	25°♋39'46	
min. Earth dist.	-481 Jul 17 j 02:20	22°♋58'21	0.61084 AU
inferior conj	-481 Jul 20 j 07:36	20°♋11'25	-4°-27'00
minimum elong	-481 Jul 20 j 11:05	20°♋03'53	4°26'34
morning rise	-481 Jul 27 j 14:58	15°♋20'37	
direct	-481 Jul 30 j 01:24	14°♋56'42	
morning max el	-481 Aug 06 j 03:48	18°♋27'27	18°02'06
asc. node	-481 Aug 07 j 01:20	19°♋22'28	
	-481 Aug 14 j 12:27	0°♌	
morning set	-481 Aug 22 j 00:48	13°♌30'08	
	-481 Aug 31 j 01:44	0°♍	
superior conj	-481 Sep 01 j 04:41	1°♍59'23	1°27'47
minimum elong	-481 Sep 01 j 08:59	2°♍18'19	1°27'23
max. Earth dist.	-481 Sep 08 j 18:23	14°♍58'12	1.41950 AU
evening rise	-481 Sep 14 j 18:15	24°♍44'15	
desc. node	-481 Sep 16 j 00:56	26°♍46'05	
	-481 Sep 18 j 02:18	0°♎	
	-481 Oct 08 j 16:49	0°♏	
greatest brilliancy	-481 Oct 12 j 20:45	5°♏18'12	-0.3m
evening max el	-481 Oct 17 j 14:40	10°♏38'25	22°22'31
retrograde	-481 Oct 27 j 05:00	16°♏20'51	
evening set	-481 Oct 31 j 16:59	14°♏33'14	
asc. node	-481 Nov 03 j 00:32	12°♏14'05	
inferior conj	-481 Nov 06 j 02:14	8°♏12'08	1°02'37
minimum elong	-481 Nov 06 j 00:50	8°♏17'00	1°02'02
min. Earth dist.	-481 Nov 06 j 00:55	8°♏16'42	0.67625 AU
morning rise	-481 Nov 11 j 08:32	1°♏57'48	
direct	-481 Nov 15 j 22:30	0°♏05'37	
morning max el	-481 Nov 25 j 09:23	5°♏41'27	22°18'24
greatest brilliancy	-481 Nov 30 j 01:08	10°♏55'29	-0.3m
desc. node	-481 Dec 13 j 00:10	28°♏33'38	
	-481 Dec 13 j 23:45	0°♐	
morning set	-481 Dec 28 j 15:50	22°♐39'33	
	-480 Jan 02 j 02:51	0°♑	
max. Earth dist.	-480 Jan 03 j 03:53	1°♑45'04	1.40822 AU
superior conj	-480 Jan 10 j 22:59	15°♑17'25	-2°00'-44
minimum elong	-480 Jan 10 j 23:52	15°♑21'20	2°00'44
	-480 Jan 18 j 23:24	0°♒	
evening rise	-480 Jan 21 j 04:36	4°♒09'13	
asc. node	-480 Jan 29 j 23:53	20°♒02'06	
	-480 Feb 06 j 07:49	0°♓	
evening max el	-480 Feb 06 j 10:07	0°♓05'37	18°17'55
retrograde	-480 Feb 13 j 13:37	3°♓38'52	
evening set	-480 Feb 16 j 01:46	3°♓13'40	
	-480 Feb 21 j 10:46	30°℞♒	
inferior conj	-480 Feb 23 j 04:56	28°♒31'54	3°31'58
minimum elong	-480 Feb 23 j 07:47	28°♒25'47	3°31'34
min. Earth dist.	-480 Feb 26 j 14:43	25°♒37'56	0.59517 AU
morning rise	-480 Mar 01 j 10:18	22°♒56'28	
direct	-480 Mar 07 j 21:09	21°♒03'36	
desc. node	-480 Mar 09 j 23:21	21°♒15'07	
morning max el	-480 Mar 22 j 04:17	28°♒47'24	27°12'26
	-480 Mar 23 j 09:05	0°♓	
	-480 Apr 13 j 05:08	0°♈	
morning set	-480 Apr 21 j 23:21	17°♈03'24	
asc. node	-480 Apr 26 j 23:13	27°♈43'57	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-480 Apr 28 j 00:07	0°♉	
max. Earth dist.	-480 Apr 28 j 16:53	1°♉31'57	1.32353 AU
superior conj	-480 Apr 29 j 02:54	2°♉26'55	0°22'38
minimum elong	-480 Apr 29 j 01:55	2°♉21'26	0°22'26
evening rise	-480 May 06 j 01:39	17°♉30'07	
	-480 May 12 j 07:02	0°♊	
	-480 Jun 01 j 07:24	0°♋	
evening max el	-480 Jun 03 j 11:23	2°♋11'16	26°03'45
desc. node	-480 Jun 05 j 22:39	4°♋22'45	
retrograde	-480 Jun 17 j 12:41	9°♋24'37	
evening set	-480 Jun 23 j 17:50	7°♋50'29	
min. Earth dist.	-480 Jun 28 j 00:10	5°♋11'56	0.59026 AU
inferior conj	-480 Jul 01 j 08:02	2°♋42'02	-4°-42'-11
minimum elong	-480 Jul 01 j 08:21	2°♋41'26	4°42'12
	-480 Jul 05 j 04:43	30°℞♊	
morning rise	-480 Jul 09 j 02:28	28°♊13'46	
direct	-480 Jul 11 j 13:50	27°♊53'03	
	-480 Jul 17 j 12:05	0°♋	
morning max el	-480 Jul 19 j 12:06	1°♋40'02	18°30'31
asc. node	-480 Jul 23 j 22:24	6°♋54'24	
morning set	-480 Aug 04 j 15:08	27°♋19'13	
	-480 Aug 06 j 00:29	0°♌	
superior conj	-480 Aug 13 j 15:33	14°♌31'37	1°42'53
minimum elong	-480 Aug 13 j 17:43	14°♌41'41	1°42'47
max. Earth dist.	-480 Aug 20 j 23:29	27°♌43'37	1.40024 AU
	-480 Aug 22 j 07:02	0°♍	
evening rise	-480 Aug 25 j 08:08	5°♍09'42	
desc. node	-480 Sep 01 j 21:59	17°♍24'07	
	-480 Sep 10 j 06:33	0°♎	
evening max el	-480 Sep 29 j 04:34	24°♎10'05	23°42'40
	-480 Oct 07 j 06:32	0°♏	
retrograde	-480 Oct 09 j 21:30	0°♏28'46	
	-480 Oct 12 j 08:44	30°℞♎	
evening set	-480 Oct 14 j 23:20	28°♎22'50	
asc. node	-480 Oct 19 j 21:35	22°♎38'42	
inferior conj	-480 Oct 20 j 09:08	21°♎59'20	0°09'58
minimum elong	-480 Oct 20 j 08:53	22°♎00'09	0°09'51
transit middle	-480 Oct 20 j 08:53	22°♎00'09	0°09'51
transit begin	-480 Oct 20 j 06:44	22°♎07'32	
transit end	-480 Oct 20 j 11:03	21°♎52'47	
min. Earth dist.	-480 Oct 19 j 21:29	22°♎39'03	0.67572 AU
morning rise	-480 Oct 25 j 18:34	15°♎49'11	
direct	-480 Oct 29 j 18:37	14°♎18'56	
morning max el	-480 Nov 07 j 02:46	19°♎10'53	20°57'54
greatest brilliancy	-480 Nov 12 j 18:08	25°♎45'37	-0.5m
	-480 Nov 15 j 22:40	0°♏	
desc. node	-480 Nov 28 j 21:13	18°♏48'02	
	-480 Dec 06 j 04:29	0°♐	
morning set	-480 Dec 06 j 21:53	1°♐07'53	
max. Earth dist.	-480 Dec 15 j 07:48	14°♐32'27	1.42722 AU
superior conj	-480 Dec 22 j 06:54	26°♐06'02	-1°-56'-55
minimum elong	-480 Dec 22 j 03:28	25°♐51'30	1°56'48
	-480 Dec 24 j 13:45	0°♑	
evening rise	-479 Jan 03 j 00:28	16°♑37'04	
	-479 Jan 10 j 14:33	0°♒	
asc. node	-479 Jan 15 j 20:55	8°♒17'15	
evening max el	-479 Jan 19 j 21:06	13°♒09'26	18°07'42
retrograde	-479 Jan 26 j 11:53	16°♒34'34	
evening set	-479 Jan 29 j 04:13	16°♒00'45	
inferior conj	-479 Feb 04 j 17:53	10°♒57'09	3°50'58
minimum elong	-479 Feb 04 j 18:24	10°♒55'53	3°50'57
min. Earth dist.	-479 Feb 07 j 18:42	7°♒58'48	0.61606 AU
morning rise	-479 Feb 11 j 06:06	5°♒05'36	
direct	-479 Feb 18 j 04:27	2°♒39'52	
desc. node	-479 Feb 24 j 20:24	4°♒37'58	
morning max el	-479 Mar 04 j 06:49	10°♒29'40	27°44'31
	-479 Mar 19 j 12:27	0°♓	
	-479 Apr 05 j 09:14	0°♈	
morning set	-479 Apr 06 j 04:19	1°♈37'05	
max. Earth dist.	-479 Apr 12 j 03:57	14°♈15'56	1.32550 AU
superior conj	-479 Apr 13 j 13:31	17°♈18'24	0°-2'-58
minimum elong	-479 Apr 13 j 13:39	17°♈19'08	0°02'57
behind sun begin	-479 Apr 13 j 08:37	16°♈51'45	
behind sun end	-479 Apr 13 j 18:41	17°♈46'32	
asc. node	-479 Apr 13 j 20:16	17°♈55'11	
	-479 Apr 19 j 09:44	0°♉	
evening rise	-479 Apr 20 j 13:01	2°♉25'08	
	-479 May 05 j 13:53	0°♊	
evening max el	-479 May 16 j 04:09	13°♊08'18	24°41'49
desc. node	-479 May 23 j 19:40	18°♊41'10	
retrograde	-479 May 30 j 03:08	20°♊12'11	
evening set	-479 Jun 04 j 02:23	19°♊16'23	
min. Earth dist.	-479 Jun 09 j 15:41	16°♊23'50	0.57108 AU
inferior conj	-479 Jun 12 j 12:46	14°♊31'23	-4°-25'-34
minimum elong	-479 Jun 12 j 08:31	14°♊38'21	4°25'03
morning rise	-479 Jun 20 j 18:29	10°♊24'01	
direct	-479 Jun 23 j 08:16	10°♊05'23	
morning max el	-479 Jul 02 j 12:09	14°♊21'16	19°19'49
asc. node	-479 Jul 10 j 19:29	25°♊14'41	
	-479 Jul 13 j 13:25	0°♋	
morning set	-479 Jul 19 j 14:29	11°♋35'51	
superior conj	-479 Jul 27 j 19:38	27°♋55'57	1°47'27
minimum elong	-479 Jul 27 j 19:42	27°♋56'17	1°47'27
	-479 Jul 28 j 21:11	0°♌	
max. Earth dist.	-479 Aug 03 j 02:39	9°♌51'22	1.38022 AU
evening rise	-479 Aug 06 j 22:52	16°♌45'49	
	-479 Aug 14 j 19:13	0°♍	
desc. node	-479 Aug 19 j 19:01	7°♍51'05	
	-479 Sep 04 j 17:36	0°♎	
evening max el	-479 Sep 11 j 16:19	7°♎44'59	25°00'28
retrograde	-479 Sep 23 j 09:51	14°♎33'15	
evening set	-479 Sep 29 j 02:33	12°♎09'46	
min. Earth dist.	-479 Oct 03 j 16:00	7°♎01'00	0.67198 AU
inferior conj	-479 Oct 04 j 14:16	5°♎47'44	0°-45'-3
minimum elong	-479 Oct 04 j 15:24	5°♎44'04	0°44'36
asc. node	-479 Oct 06 j 18:38	3°♎01'19	
	-479 Oct 09 j 20:04	30°℞♍	
morning rise	-479 Oct 10 j 04:42	29°♍44'42	
direct	-479 Oct 13 j 16:36	28°♍34'08	
	-479 Oct 17 j 19:20	0°♎	
morning max el	-479 Oct 21 j 03:50	2°♎50'32	19°49'16
greatest brilliancy	-479 Oct 28 j 22:16	12°♎30'01	-0.6m
	-479 Nov 09 j 17:30	0°♏	
morning set	-479 Nov 15 j 18:46	9°♏18'27	
desc. node	-479 Nov 15 j 18:17	9°♏16'35	
max. Earth dist.	-479 Nov 27 j 19:37	28°♏09'51	1.44137 AU
	-479 Nov 28 j 23:15	0°♐	
superior conj	-479 Dec 02 j 11:55	5°♐40'15	-1°-35'-56
minimum elong	-479 Dec 02 j 04:17	5°♐09'24	1°35'18
evening rise	-479 Dec 16 j 01:47	28°♐14'13	
	-479 Dec 17 j 02:40	0°♑	
asc. node	-478 Jan 02 j 17:56	25°♑45'13	
evening max el	-478 Jan 03 j 09:39	26°♑26'30	18°16'39
retrograde	-478 Jan 09 j 21:31	29°♑56'39	
evening set	-478 Jan 12 j 18:08	29°♑13'23	
inferior conj	-478 Jan 18 j 21:33	23°♑49'21	3°47'29
minimum elong	-478 Jan 18 j 20:11	23°♑53'09	3°47'22
min. Earth dist.	-478 Jan 21 j 08:05	21°♑07'46	0.63504 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning rise	-478 Jan 24	j 20:34	17°♑47'12	
direct	-478 Jan 31	j 19:55	15°♑01'30	
desc. node	-478 Feb 11	j 17:26	20°♑12'18	
morning max el	-478 Feb 14	j 14:21	22°♑51'48	27°39'39
	-478 Feb 20	j 22:52	0°♒	
	-478 Mar 12	j 17:32	0°♓	
morning set	-478 Mar 21	j 02:43	15°♓47'47	
max. Earth dist.	-478 Mar 26	j 09:21	26°♓38'23	1.33143 AU
	-478 Mar 27	j 23:21	0°♈	
superior conj	-478 Mar 28	j 21:15	1°♈57'07	0°-29'-31
minimum elong	-478 Mar 28	j 22:39	2°♈04'40	0°29'14
asc. node	-478 Mar 31	j 17:17	8°♈03'32	
evening rise	-478 Apr 05	j 00:45	17°♈17'02	
	-478 Apr 11	j 08:48	0°♉	
evening max el	-478 Apr 27	j 18:52	23°♉43'21	23°07'17
	-478 May 07	j 23:05	0°♊	
desc. node	-478 May 10	j 16:40	0°♊23'29	
retrograde	-478 May 11	j 05:08	0°♊24'05	
evening set	-478 May 14	j 18:07	29°♉56'36	
	-478 May 14	j 12:35	30°℞♉	
min. Earth dist.	-478 May 22	j 04:28	26°♉36'38	0.55669 AU
inferior conj	-478 May 23	j 21:48	25°♉36'24	-3°-25'-51
minimum elong	-478 May 23	j 14:42	25°♉46'47	3°24'03
morning rise	-478 Jun 01	j 14:26	21°♉41'59	
direct	-478 Jun 04	j 07:42	21°♉24'16	
morning max el	-478 Jun 15	j 01:46	26°♉23'04	20°29'58
	-478 Jun 18	j 11:09	0°♊	
asc. node	-478 Jun 27	j 16:33	14°♊11'46	
morning set	-478 Jul 03	j 19:59	26°♊12'13	
	-478 Jul 05	j 16:21	0°♋	
superior conj	-478 Jul 11	j 12:03	11°♋58'27	1°43'41
minimum elong	-478 Jul 11	j 10:37	11°♋51'06	1°43'37
max. Earth dist.	-478 Jul 16	j 09:09	21°♋40'33	1.36180 AU
evening rise	-478 Jul 20	j 11:07	29°♋24'44	
	-478 Jul 20	j 18:45	0°♌	
desc. node	-478 Aug 06	j 16:01	28°♌01'20	
	-478 Aug 08	j 00:19	0°♍	
evening max el	-478 Aug 25	j 03:43	21°♍20'48	26°08'20
retrograde	-478 Sep 06	j 17:31	28°♍29'14	
evening set	-478 Sep 13	j 00:44	25°♍51'32	
min. Earth dist.	-478 Sep 17	j 06:06	21°♍19'50	0.66487 AU
inferior conj	-478 Sep 18	j 15:51	19°♍34'53	-1°-40'-52
minimum elong	-478 Sep 18	j 18:23	19°♍26'59	1°39'51
asc. node	-478 Sep 23	j 15:42	14°♍17'13	
morning rise	-478 Sep 24	j 12:57	13°♍41'55	
direct	-478 Sep 27	j 14:51	12°♍47'37	
morning max el	-478 Oct 04	j 11:58	16°♍38'31	18°55'18
	-478 Oct 14	j 12:58	0°♎	
morning set	-478 Oct 26	j 06:42	18°♎19'36	
desc. node	-478 Nov 02	j 15:18	29°♎54'29	
	-478 Nov 02	j 16:43	0°♏	
max. Earth dist.	-478 Nov 10	j 12:24	12°♏17'23	1.44900 AU
superior conj	-478 Nov 11	j 18:12	14°♏14'44	0°-57'-18
minimum elong	-478 Nov 11	j 11:12	13°♏47'10	0°56'28
	-478 Nov 21	j 16:16	0°♐	
evening rise	-478 Nov 27	j 04:29	8°♐52'52	
	-478 Dec 10	j 09:35	0°♑	
evening max el	-478 Dec 17	j 21:06	9°♑50'05	18°43'54
asc. node	-478 Dec 20	j 14:58	12°♑11'55	
retrograde	-478 Dec 24	j 14:14	13°♑36'04	
evening set	-478 Dec 27	j 16:08	12°♑42'08	
inferior conj	-477 Jan 02	j 12:03	7°♑00'09	3°27'57
minimum elong	-477 Jan 02	j 09:35	7°♑07'38	3°27'31
min. Earth dist.	-477 Jan 04	j 07:18	4°♑49'01	0.65070 AU
morning rise	-477 Jan 08	j 01:54	0°♑51'01	
	-477 Jan 09	j 03:37	30°℞♐	
direct	-477 Jan 14	j 18:24	28°♐00'01	
	-477 Jan 21	j 00:12	0°♑	
morning max el	-477 Jan 28	j 00:04	5°♑42'33	27°01'15
desc. node	-477 Jan 29	j 14:28	7°♑21'53	
	-477 Feb 15	j 15:30	0°♒	
morning set	-477 Mar 04	j 15:24	29°♒24'58	
	-477 Mar 04	j 22:40	0°♓	
max. Earth dist.	-477 Mar 09	j 05:05	8°♓27'16	1.34163 AU
superior conj	-477 Mar 13	j 00:03	16°♓16'09	0°-55'-59
minimum elong	-477 Mar 13	j 02:42	16°♓29'58	0°55'30
asc. node	-477 Mar 18	j 14:18	28°♓04'32	
	-477 Mar 19	j 12:16	0°♈	
evening rise	-477 Mar 20	j 10:59	1°♈58'48	
	-477 Apr 05	j 14:26	0°♉	
evening max el	-477 Apr 09	j 14:44	4°♉27'04	21°34'56
retrograde	-477 Apr 21	j 20:54	10°♉25'04	
evening set	-477 Apr 24	j 08:46	10°♉10'58	
desc. node	-477 Apr 27	j 13:40	9°♉15'09	
inferior conj	-477 May 03	j 17:48	6°♉09'22	-1°-44'-23
minimum elong	-477 May 03	j 12:59	6°♉16'08	1°42'45
min. Earth dist.	-477 May 03	j 17:27	6°♉09'52	0.55020 AU
morning rise	-477 May 12	j 17:51	2°♉11'09	
direct	-477 May 15	j 18:59	1°♉50'48	
morning max el	-477 May 28	j 04:28	7°♉42'25	21°58'15
	-477 Jun 12	j 16:43	0°♊	
asc. node	-477 Jun 14	j 13:35	3°♊36'25	
morning set	-477 Jun 18	j 05:27	11°♊02'02	
superior conj	-477 Jun 25	j 13:03	26°♊27'46	1°33'26
minimum elong	-477 Jun 25	j 10:46	26°♊15'46	1°33'13
	-477 Jun 27	j 05:44	0°♋	
max. Earth dist.	-477 Jun 28	j 23:52	3°♋36'42	1.34662 AU
evening rise	-477 Jul 03	j 15:58	12°♋53'41	
	-477 Jul 13	j 02:27	0°♌	
desc. node	-477 Jul 24	j 13:02	17°♌47'33	
	-477 Aug 03	j 00:59	0°♍	
evening max el	-477 Aug 07	j 15:29	4°♍51'32	26°58'32
retrograde	-477 Aug 20	j 20:06	12°♍10'04	
evening set	-477 Aug 27	j 15:37	9°♍25'09	
min. Earth dist.	-477 Aug 31	j 13:35	5°♍31'05	0.65417 AU
inferior conj	-477 Sep 02	j 11:49	3°♍17'42	-2°-35'-26
minimum elong	-477 Sep 02	j 15:38	3°♍06'42	2°34'06
	-477 Sep 05	j 12:54	30°℞♌	
morning rise	-477 Sep 08	j 17:06	27°♌37'53	
asc. node	-477 Sep 10	j 12:46	27°♌01'00	
direct	-477 Sep 11	j 11:26	26°♌56'05	
	-477 Sep 17	j 12:34	0°♍	
morning max el	-477 Sep 18	j 01:06	0°♍30'40	18°17'36
morning set	-477 Oct 06	j 22:32	28°♍44'27	
	-477 Oct 07	j 16:59	0°♎	
desc. node	-477 Oct 20	j 12:20	20°♎38'36	
superior conj	-477 Oct 21	j 19:28	22°♎41'52	0°-8'-30
minimum elong	-477 Oct 21	j 18:22	22°♎37'30	0°08'22
behind sun begin	-477 Oct 21	j 08:45	21°♎59'26	
behind sun end	-477 Oct 22	j 03:59	23°♎15'32	
max. Earth dist.	-477 Oct 24	j 06:52	26°♎36'13	1.44935 AU
	-477 Oct 26	j 10:42	0°♏	
evening rise	-477 Nov 07	j 07:31	18°♏33'49	
	-477 Nov 14	j 15:34	0°♐	
greatest brilliancy	-477 Nov 22	j 11:17	11°♐54'08	-0.7m
evening max el	-477 Dec 01	j 05:17	23°♐17'12	19°28'05
asc. node	-477 Dec 07	j 12:00	27°♐22'49	
retrograde	-477 Dec 08	j 10:41	27°♐27'50	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-477 Dec 11 j 19:32	26°♐21'29	
inferior conj	-477 Dec 17 j 10:14	20°♐24'24	2°56'52
minimum elong	-477 Dec 17 j 07:23	20°♐33'37	2°56'07
min. Earth dist.	-477 Dec 18 j 15:11	18°♐50'28	0.66259 AU
morning rise	-477 Dec 22 j 18:28	14°♐10'59	
direct	-477 Dec 28 j 23:06	11°♐27'32	
morning max el	-476 Jan 10 j 09:24	18°♐49'06	25°56'42
desc. node	-476 Jan 16 j 11:31	25°♐39'19	
	-476 Jan 19 j 21:36	0°♑	
	-476 Feb 08 j 16:20	0°♒	
morning set	-476 Feb 15 j 14:10	12°♒16'01	
max. Earth dist.	-476 Feb 19 j 12:46	19°♒42'11	1.35637 AU
superior conj	-476 Feb 24 j 19:29	0°♓08'20	-1°-20'-50
minimum elong	-476 Feb 24 j 23:03	0°♓26'18	1°20'20
	-476 Feb 24 j 17:50	0°♓	
evening rise	-476 Mar 03 j 17:46	16°♓24'20	
asc. node	-476 Mar 04 j 11:20	17°♓53'46	
	-476 Mar 10 j 17:31	0°♈	
evening max el	-476 Mar 21 j 20:58	15°♈42'45	20°15'28
retrograde	-476 Apr 01 j 10:58	20°♈47'14	
evening set	-476 Apr 03 j 14:13	20°♈35'43	
inferior conj	-476 Apr 12 j 14:07	16°♈37'33	0°14'39
minimum elong	-476 Apr 12 j 14:47	16°♈36'34	0°14'25
transit middle	-476 Apr 12 j 14:47	16°♈36'34	0°14'25
transit begin	-476 Apr 12 j 13:05	16°♈39'05	
transit end	-476 Apr 12 j 16:29	16°♈34'03	
desc. node	-476 Apr 13 j 10:42	16°♈07'02	
min. Earth dist.	-476 Apr 14 j 07:24	15°♈36'32	0.55331 AU
morning rise	-476 Apr 21 j 12:54	12°♈16'55	
direct	-476 Apr 25 j 08:06	11°♈45'24	
morning max el	-476 May 08 j 22:29	18°♈26'33	23°37'37
	-476 May 18 j 10:23	0°♉	
asc. node	-476 May 31 j 10:38	23°♉21'08	
morning set	-476 Jun 01 j 16:59	25°♉59'13	
	-476 Jun 03 j 14:26	0°♊	
superior conj	-476 Jun 08 j 19:42	11°♊14'23	1°18'09
minimum elong	-476 Jun 08 j 17:11	11°♊00'52	1°17'47
max. Earth dist.	-476 Jun 11 j 00:13	15°♊54'53	1.33535 AU
evening rise	-476 Jun 16 j 08:53	26°♊59'09	
	-476 Jun 17 j 21:24	0°♋	
	-476 Jul 05 j 09:45	0°♌	
desc. node	-476 Jul 10 j 10:03	6°♌58'54	
evening max el	-476 Jul 20 j 02:42	18°♌06'10	27°23'46
retrograde	-476 Aug 02 j 16:54	25°♌26'24	
evening set	-476 Aug 09 j 20:12	22°♌44'41	
min. Earth dist.	-476 Aug 13 j 12:19	19°♌25'49	0.63986 AU
inferior conj	-476 Aug 15 j 23:43	16°♌50'13	-3°-26'-5
minimum elong	-476 Aug 16 j 04:19	16°♌38'08	3°24'47
morning rise	-476 Aug 22 j 14:25	11°♌26'44	
direct	-476 Aug 25 j 03:45	10°♌53'57	
asc. node	-476 Aug 27 j 09:50	11°♌19'42	
morning max el	-476 Aug 31 j 16:34	14°♌20'23	17°57'06
	-476 Sep 11 j 14:29	0°♍	
morning set	-476 Sep 17 j 17:17	10°♍27'01	
	-476 Sep 29 j 07:47	0°♎	
superior conj	-476 Sep 30 j 12:58	1°♎59'27	0°38'00
minimum elong	-476 Sep 30 j 16:56	2°♎15'41	0°37'28
max. Earth dist.	-476 Oct 06 j 00:18	10°♎48'58	1.44251 AU
desc. node	-476 Oct 06 j 09:23	11°♎25'09	
evening rise	-476 Oct 16 j 17:13	27°♎34'19	
	-476 Oct 18 j 07:07	0°♏	
greatest brilliancy	-476 Nov 07 j 03:29	29°♏15'33	-0.5m
	-476 Nov 07 j 16:51	0°♐	
evening max el	-476 Nov 13 j 08:31	6°♐45'24	20°27'10
retrograde	-476 Nov 21 j 08:15	11°♐27'56	
asc. node	-476 Nov 23 j 09:03	11°♐04'21	
evening set	-476 Nov 25 j 02:05	10°♐07'00	
inferior conj	-476 Nov 30 j 13:26	3°♐57'56	2°17'17
minimum elong	-476 Nov 30 j 10:48	4°♐06'48	2°16'23
min. Earth dist.	-476 Dec 01 j 05:36	3°♐03'10	0.67067 AU
	-476 Dec 03 j 14:32	30°℞♏	
morning rise	-476 Dec 05 j 19:01	27°♏42'31	
direct	-476 Dec 11 j 09:04	25°♏15'46	
	-476 Dec 20 j 14:31	0°♐	
morning max el	-476 Dec 22 j 17:45	2°♐02'11	24°35'41
desc. node	-475 Jan 02 j 08:35	14°♐44'36	
	-475 Jan 13 j 00:01	0°♑	
morning set	-475 Jan 27 j 17:29	24°♑05'07	
	-475 Jan 31 j 00:58	0°♒	
max. Earth dist.	-475 Jan 31 j 10:42	0°♒44'19	1.37513 AU
superior conj	-475 Feb 07 j 04:21	13°♒24'50	-1°-42'-3
minimum elong	-475 Feb 07 j 08:04	13°♒42'51	1°41'42
evening rise	-475 Feb 15 j 18:51	0°♓27'09	
	-475 Feb 15 j 13:23	0°♓	
asc. node	-475 Feb 19 j 08:23	7°♓26'10	
evening max el	-475 Mar 04 j 14:22	27°♓36'59	19°14'08
	-475 Mar 07 j 13:32	0°♈	
retrograde	-475 Mar 13 j 12:26	1°♈54'04	
evening set	-475 Mar 15 j 17:37	1°♈39'23	
	-475 Mar 19 j 23:18	30°℞♓	
inferior conj	-475 Mar 24 j 00:10	27°♓29'16	1°58'05
minimum elong	-475 Mar 24 j 04:19	27°♓22'17	1°56'51
min. Earth dist.	-475 Mar 26 j 22:31	25°♓31'42	0.56525 AU
desc. node	-475 Mar 31 j 07:45	23°♓04'34	
morning rise	-475 Apr 01 j 11:03	22°♓36'45	
direct	-475 Apr 06 j 08:35	21°♓41'20	
morning max el	-475 Apr 20 j 13:08	28°♓57'10	25°15'58
	-475 Apr 21 j 14:33	0°♈	
	-475 May 11 j 18:31	0°♉	
morning set	-475 May 17 j 04:59	10°♉58'44	
asc. node	-475 May 18 j 07:41	13°♉20'08	
superior conj	-475 May 24 j 05:50	26°♉11'13	0°58'54
minimum elong	-475 May 24 j 03:36	25°♉59'02	0°58'31
max. Earth dist.	-475 May 25 j 08:24	28°♉35'53	1.32796 AU
	-475 May 25 j 23:54	0°♊	
evening rise	-475 May 31 j 10:18	11°♊30'25	
	-475 Jun 10 j 02:47	0°♋	
desc. node	-475 Jun 27 j 07:05	25°♋20'50	
	-475 Jul 01 j 13:49	0°♌	
evening max el	-475 Jul 02 j 11:06	0°♌51'43	27°18'16
retrograde	-475 Jul 16 j 06:59	8°♌09'37	
evening set	-475 Jul 23 j 10:47	5°♌44'06	
min. Earth dist.	-475 Jul 27 j 00:52	2°♌52'48	0.62224 AU
inferior conj	-475 Jul 30 j 00:36	0°♌05'45	-4°-8'-37
minimum elong	-475 Jul 30 j 04:57	29°♋55'34	4°07'48
	-475 Jul 30 j 03:04	30°℞♋	
morning rise	-475 Aug 06 j 01:40	25°♋02'02	
direct	-475 Aug 08 j 12:36	24°♋35'22	
asc. node	-475 Aug 14 j 06:54	27°♋05'14	
morning max el	-475 Aug 15 j 07:34	28°♋01'43	17°54'46
	-475 Aug 17 j 03:04	0°♌	
morning set	-475 Aug 31 j 09:14	23°♌10'24	
	-475 Sep 04 j 04:27	0°♍	
superior conj	-475 Sep 11 j 09:22	12°♍36'53	1°13'26
minimum elong	-475 Sep 11 j 14:23	12°♍58'23	1°12'53
max. Earth dist.	-475 Sep 18 j 14:08	24°♍39'02	1.42935 AU
	-475 Sep 21 j 21:33	0°♎	
desc. node	-475 Sep 23 j 06:25	2°♎11'05	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening rise	-475 Sep 26 j 01:29	6°♎35'20	
	-475 Oct 11 j 14:58	0°♏	
greatest brilliancy	-475 Oct 22 j 08:05	14°♏36'26	-0.4m
evening max el	-475 Oct 27 j 05:57	20°♏13'57	21°38'03
retrograde	-475 Nov 05 j 05:02	25°♏33'35	
evening set	-475 Nov 09 j 09:55	23°♏55'59	
asc. node	-475 Nov 10 j 06:07	23°♏12'37	
inferior conj	-475 Nov 14 j 19:30	17°♏38'14	1°31'20
minimum elong	-475 Nov 14 j 17:33	17°♏44'59	1°30'33
min. Earth dist.	-475 Nov 15 j 00:15	17°♏21'52	0.67519 AU
morning rise	-475 Nov 20 j 00:56	11°♏23'04	
direct	-475 Nov 24 j 23:34	9°♏17'55	
morning max el	-475 Dec 05 j 03:06	15°♏19'51	23°08'10
greatest brilliancy	-475 Dec 10 j 01:44	20°♏52'09	-0.3m
	-475 Dec 17 j 02:08	0°♐	
desc. node	-475 Dec 20 j 05:38	4°♐23'58	
	-474 Jan 06 j 00:06	0°♑	
morning set	-474 Jan 08 j 19:00	4°♑35'40	
max. Earth dist.	-474 Jan 13 j 06:08	12°♑10'30	1.39619 AU
superior conj	-474 Jan 20 j 22:21	25°♑53'51	-1°-56'-43
minimum elong	-474 Jan 21 j 00:50	26°♑05'18	1°56'37
	-474 Jan 23 j 03:17	0°♒	
evening rise	-474 Jan 30 j 11:24	13°♒59'29	
asc. node	-474 Feb 06 j 05:26	26°♒34'57	
	-474 Feb 08 j 05:19	0°♓	
evening max el	-474 Feb 15 j 16:49	10°♓04'12	18°32'35
retrograde	-474 Feb 23 j 08:34	13°♓49'02	
evening set	-474 Feb 25 j 18:09	13°♓28'11	
inferior conj	-474 Mar 05 j 06:34	8°♓58'21	3°07'46
minimum elong	-474 Mar 05 j 10:32	8°♓50'33	3°06'57
min. Earth dist.	-474 Mar 08 j 16:26	6°♓18'44	0.58334 AU
morning rise	-474 Mar 12 j 23:00	3°♓36'06	
desc. node	-474 Mar 18 j 04:47	2°♓06'56	
direct	-474 Mar 18 j 22:12	2°♓05'35	
morning max el	-474 Apr 02 j 06:23	9°♓41'41	26°38'05
	-474 Apr 17 j 18:16	0°♈	
morning set	-474 May 01 j 15:44	25°♈53'32	
	-474 May 03 j 14:16	0°♉	
asc. node	-474 May 05 j 04:45	3°♉27'22	
superior conj	-474 May 08 j 17:29	11°♉10'42	0°36'35
minimum elong	-474 May 08 j 15:56	11°♉02'13	0°36'16
max. Earth dist.	-474 May 08 j 20:42	11°♉28'24	1.32417 AU
evening rise	-474 May 15 j 17:19	26°♉16'47	
	-474 May 17 j 12:31	0°♊	
	-474 Jun 03 j 18:47	0°♋	
desc. node	-474 Jun 14 j 04:05	12°♋32'02	
evening max el	-474 Jun 14 j 13:49	12°♋55'28	26°39'44
retrograde	-474 Jun 28 j 13:28	20°♋10'53	
evening set	-474 Jul 05 j 06:52	18°♋14'49	
min. Earth dist.	-474 Jul 09 j 03:12	15°♋37'06	0.60218 AU
inferior conj	-474 Jul 12 j 10:55	12°♋54'57	-4°-36'-31
minimum elong	-474 Jul 12 j 13:18	12°♋50'04	4°36'21
morning rise	-474 Jul 19 j 22:57	8°♋13'46	
direct	-474 Jul 22 j 09:44	7°♋51'15	
morning max el	-474 Jul 29 j 19:10	11°♋27'04	18°11'44
asc. node	-474 Aug 01 j 03:58	14°♋02'28	
	-474 Aug 11 j 03:14	0°♌	
morning set	-474 Aug 14 j 16:41	6°♌38'43	
superior conj	-474 Aug 24 j 07:42	24°♌31'33	1°35'37
minimum elong	-474 Aug 24 j 11:10	24°♌47'07	1°35'22
	-474 Aug 27 j 09:25	0°♍	
max. Earth dist.	-474 Aug 31 j 22:21	7°♍50'21	1.41155 AU
evening rise	-474 Sep 06 j 01:32	16°♍21'17	
desc. node	-474 Sep 10 j 03:28	22°♍53'00	
	-474 Sep 14 j 17:43	0°♎	
greatest brilliancy	-474 Oct 04 j 17:15	27°♎53'50	-0.3m
	-474 Oct 06 j 11:45	0°♏	
evening max el	-474 Oct 09 j 21:57	3°♏43'28	22°56'26
retrograde	-474 Oct 19 j 23:30	9°♏41'53	
evening set	-474 Oct 24 j 17:18	7°♏46'13	
asc. node	-474 Oct 28 j 03:09	4°♏03'52	
inferior conj	-474 Oct 30 j 02:35	1°♏23'32	0°40'41
minimum elong	-474 Oct 30 j 01:39	1°♏26'47	0°40'16
min. Earth dist.	-474 Oct 29 j 20:46	1°♏43'35	0.67638 AU
	-474 Oct 31 j 02:59	30°℞♎	
morning rise	-474 Nov 04 j 10:00	25°♎10'52	
direct	-474 Nov 08 j 17:47	23°♎28'26	
morning max el	-474 Nov 17 j 16:50	28°♎44'44	21°43'07
	-474 Nov 18 j 21:36	0°♏	
greatest brilliancy	-474 Nov 22 j 14:41	4°♏19'43	-0.4m
desc. node	-474 Dec 07 j 02:42	24°♏27'48	
	-474 Dec 10 j 19:20	0°♐	
morning set	-474 Dec 19 j 15:26	13°♐43'10	
max. Earth dist.	-474 Dec 26 j 06:00	24°♐26'55	1.41671 AU
	-474 Dec 29 j 13:26	0°♑	
superior conj	-473 Jan 02 j 20:16	7°♑22'43	-2°00'-58
minimum elong	-473 Jan 02 j 19:31	7°♑19'26	2°00'59
evening rise	-473 Jan 13 j 16:02	26°♑53'46	
	-473 Jan 15 j 08:35	0°♒	
asc. node	-473 Jan 24 j 02:28	15°♒12'40	
evening max el	-473 Jan 30 j 01:31	22°♒57'02	18°11'05
retrograde	-473 Feb 05 j 22:29	26°♒25'30	
evening set	-473 Feb 08 j 12:19	25°♒56'51	
inferior conj	-473 Feb 15 j 09:19	21°♒05'33	3°43'15
minimum elong	-473 Feb 15 j 11:10	21°♒01'18	3°43'04
min. Earth dist.	-473 Feb 18 j 16:12	18°♒06'43	0.60413 AU
morning rise	-473 Feb 22 j 06:56	15°♒22'01	
direct	-473 Feb 28 j 23:47	13°♒14'11	
desc. node	-473 Mar 05 j 01:50	13°♒58'30	
morning max el	-473 Mar 15 j 05:40	21°♒01'35	27°30'35
	-473 Mar 23 j 00:47	0°♓	
	-473 Apr 10 j 15:21	0°♈	
morning set	-473 Apr 15 j 23:25	10°♈37'16	
asc. node	-473 Apr 22 j 01:47	23°♈38'24	
max. Earth dist.	-473 Apr 22 j 09:18	24°♈19'25	1.32394 AU
superior conj	-473 Apr 23 j 04:57	26°♈06'54	0°11'58
minimum elong	-473 Apr 23 j 04:24	26°♈03'56	0°11'51
behind sun begin	-473 Apr 23 j 01:03	25°♈45'32	
behind sun end	-473 Apr 23 j 07:46	26°♈22'20	
	-473 Apr 24 j 23:29	0°♉	
evening rise	-473 Apr 30 j 03:38	11°♉10'35	
	-473 May 09 j 19:21	0°♊	
evening max el	-473 May 27 j 09:38	24°♊13'57	25°31'10
desc. node	-473 Jun 01 j 01:06	28°♊03'46	
	-473 Jun 04 j 09:59	0°♋	
retrograde	-473 Jun 10 j 10:50	1°♋25'04	
evening set	-473 Jun 16 j 04:34	0°♋07'24	
	-473 Jun 16 j 11:09	30°℞♊	
min. Earth dist.	-473 Jun 20 j 21:40	27°♊24'54	0.58174 AU
inferior conj	-473 Jun 24 j 03:08	25°♊08'18	-4°-39'-48
minimum elong	-473 Jun 24 j 01:33	25°♊11'05	4°39'44
morning rise	-473 Jul 02 j 02:25	20°♊49'51	
direct	-473 Jul 04 j 14:38	20°♊30'13	
morning max el	-473 Jul 13 j 00:21	24°♊27'35	18°48'59
	-473 Jul 17 j 17:07	0°♋	
asc. node	-473 Jul 19 j 01:02	1°♋56'22	
morning set	-473 Jul 29 j 11:10	20°♋40'05	
	-473 Aug 03 j 05:31	0°♌	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-473 Aug 07 j 02:32	7°♌27'49	1°45'58
minimum elong	-473 Aug 07 j 03:46	7°♌33'38	1°45'56
max. Earth dist.	-473 Aug 14 j 01:40	20°♌16'36	1.39158 AU
evening rise	-473 Aug 18 j 02:01	27°♌16'24	
	-473 Aug 19 j 16:38	0°♍	
desc. node	-473 Aug 28 j 00:28	13°♍26'38	
	-473 Sep 08 j 07:09	0°♎	
evening max el	-473 Sep 22 j 10:24	17°♎15'32	24°16'32
retrograde	-473 Oct 03 j 14:27	23°♎48'42	
evening set	-473 Oct 08 j 22:30	21°♎34'57	
min. Earth dist.	-473 Oct 13 j 16:46	16°♎05'44	0.67443 AU
inferior conj	-473 Oct 14 j 08:55	15°♎11'18	0°-13'-12
minimum elong	-473 Oct 14 j 09:14	15°♎10'14	0°13'05
transit middle	-473 Oct 14 j 09:14	15°♎10'14	0°13'05
transit begin	-473 Oct 14 j 07:36	15°♎15'43	
transit end	-473 Oct 14 j 10:52	15°♎04'45	
asc. node	-473 Oct 15 j 00:12	14°♎19'59	
morning rise	-473 Oct 19 j 20:15	9°♎03'48	
direct	-473 Oct 23 j 14:47	7°♎42'29	
morning max el	-473 Oct 31 j 13:28	12°♎18'39	20°27'05
greatest brilliancy	-473 Nov 06 j 22:58	19°♎57'06	-0.5m
	-473 Nov 14 j 02:33	0°♏	
desc. node	-473 Nov 23 j 23:44	14°♏48'35	
morning set	-473 Nov 28 j 14:30	21°♏54'46	
	-473 Dec 03 j 18:37	0°♐	
max. Earth dist.	-473 Dec 08 j 12:57	7°♐35'25	1.43386 AU
superior conj	-473 Dec 14 j 16:49	17°♐39'15	-1°-50'-17
minimum elong	-473 Dec 14 j 11:20	17°♐16'32	1°49'59
	-473 Dec 22 j 00:05	0°♑	
evening rise	-473 Dec 27 j 04:30	9°♑00'48	
	-472 Jan 08 j 16:32	0°♒	
asc. node	-472 Jan 10 j 23:30	3°♒09'23	
evening max el	-472 Jan 13 j 13:28	6°♒07'14	18°09'13
retrograde	-472 Jan 20 j 02:04	9°♒33'10	
evening set	-472 Jan 22 j 20:03	8°♒55'37	
inferior conj	-472 Jan 29 j 05:01	3°♒43'22	3°51'47
minimum elong	-472 Jan 29 j 04:39	3°♒44'20	3°51'46
min. Earth dist.	-472 Feb 01 j 00:14	0°♒49'35	0.62445 AU
	-472 Feb 01 j 20:33	30°℞♑	
morning rise	-472 Feb 04 j 11:05	27°♑46'32	
direct	-472 Feb 11 j 11:02	25°♑10'11	
desc. node	-472 Feb 19 j 22:53	28°♑21'31	
	-472 Feb 22 j 02:40	0°♒	
morning max el	-472 Feb 25 j 10:41	3°♒01'58	27°46'48
	-472 Mar 16 j 10:49	0°♓	
morning set	-472 Mar 30 j 01:57	25°♓02'43	
	-472 Apr 01 j 11:49	0°♈	
max. Earth dist.	-472 Apr 04 j 18:16	6°♈55'14	1.32747 AU
superior conj	-472 Apr 06 j 14:35	10°♈54'12	0°-14'-9
minimum elong	-472 Apr 06 j 15:15	10°♈57'49	0°14'02
behind sun begin	-472 Apr 06 j 12:49	10°♈44'38	
behind sun end	-472 Apr 06 j 17:41	11°♈11'00	
asc. node	-472 Apr 07 j 22:50	13°♈49'12	
evening rise	-472 Apr 13 j 15:22	26°♈05'13	
	-472 Apr 15 j 12:20	0°♉	
	-472 May 03 j 11:23	0°♊	
evening max el	-472 May 08 j 00:48	4°♊59'04	24°02'17
desc. node	-472 May 17 j 22:06	11°♊20'28	
retrograde	-472 May 21 j 20:35	11°♊55'49	
evening set	-472 May 26 j 04:40	11°♊14'04	
min. Earth dist.	-472 Jun 01 j 12:02	8°♊11'02	0.56412 AU
inferior conj	-472 Jun 03 j 23:16	6°♊39'26	-4°-5'-56
minimum elong	-472 Jun 03 j 17:20	6°♊48'39	4°04'52
morning rise	-472 Jun 12 j 09:45	2°♊38'53	
direct	-472 Jun 15 j 00:32	2°♊21'00	
morning max el	-472 Jun 24 j 20:17	6°♊54'03	19°47'09
asc. node	-472 Jul 04 j 22:05	20°♊34'08	
	-472 Jul 09 j 23:52	0°♋	
morning set	-472 Jul 12 j 13:29	5°♋06'30	
superior conj	-472 Jul 20 j 12:27	21°♋10'40	1°46'45
minimum elong	-472 Jul 20 j 11:47	21°♋07'24	1°46'44
	-472 Jul 25 j 01:12	0°♌	
max. Earth dist.	-472 Jul 26 j 05:13	2°♌12'29	1.37206 AU
evening rise	-472 Jul 30 j 02:36	9°♌21'51	
	-472 Aug 11 j 10:11	0°♍	
desc. node	-472 Aug 13 j 21:28	3°♍47'37	
	-472 Sep 03 j 01:05	0°♎	
evening max el	-472 Sep 03 j 21:52	0°♎51'50	25°31'04
retrograde	-472 Sep 16 j 00:58	7°♎50'22	
evening set	-472 Sep 21 j 23:49	5°♎20'28	
min. Earth dist.	-472 Sep 26 j 09:50	0°♎26'58	0.66934 AU
	-472 Sep 26 j 18:14	30°℞♍	
inferior conj	-472 Sep 27 j 12:47	29°♍00'05	-1°-8'-46
minimum elong	-472 Sep 27 j 14:30	28°♍54'32	1°08'02
asc. node	-472 Sep 30 j 21:16	24°♍59'45	
morning rise	-472 Oct 03 j 05:50	23°♍00'39	
direct	-472 Oct 06 j 13:10	21°♍57'26	
morning max el	-472 Oct 13 j 17:37	26°♍02'08	19°24'19
	-472 Oct 17 j 04:36	0°♎	
greatest brilliancy	-472 Oct 23 j 03:08	8°♎10'38	-0.7m
	-472 Nov 06 j 10:07	0°♏	
morning set	-472 Nov 06 j 15:02	0°♏19'03	
desc. node	-472 Nov 09 j 20:46	5°♏21'34	
max. Earth dist.	-472 Nov 20 j 02:41	21°♏25'54	1.44548 AU
superior conj	-472 Nov 23 j 10:52	26°♏44'14	-1°-21'-29
minimum elong	-472 Nov 23 j 02:41	26°♏11'38	1°20'39
	-472 Nov 25 j 11:50	0°♐	
evening rise	-472 Dec 07 j 20:29	20°♐12'58	
	-472 Dec 13 j 17:26	0°♑	
evening max el	-472 Dec 27 j 01:53	19°♑27'52	18°26'10
asc. node	-472 Dec 27 j 20:32	20°♑13'11	
retrograde	-471 Jan 02 j 15:00	23°♑03'15	
evening set	-471 Jan 05 j 13:45	22°♑15'36	
inferior conj	-471 Jan 11 j 13:41	16°♑43'54	3°40'50
minimum elong	-471 Jan 11 j 11:45	16°♑49'29	3°40'35
min. Earth dist.	-471 Jan 13 j 17:48	14°♑13'54	0.64218 AU
morning rise	-471 Jan 17 j 08:21	10°♑38'38	
direct	-471 Jan 24 j 05:46	7°♑48'37	
desc. node	-471 Feb 05 j 19:56	14°♑40'01	
morning max el	-471 Feb 06 j 19:12	15°♑36'46	27°27'00
	-471 Feb 18 j 15:40	0°♒	
	-471 Mar 09 j 03:20	0°♓	
morning set	-471 Mar 13 j 20:38	9°♓00'34	
max. Earth dist.	-471 Mar 18 j 19:47	19°♓03'31	1.33519 AU
superior conj	-471 Mar 21 j 20:31	25°♓25'50	0°-40'-49
minimum elong	-471 Mar 21 j 22:27	25°♓36'10	0°40'27
	-471 Mar 23 j 23:54	0°♈	
asc. node	-471 Mar 25 j 19:51	3°♈55'16	
evening rise	-471 Mar 29 j 02:42	10°♈53'51	
	-471 Apr 08 j 01:16	0°♉	
evening max el	-471 Apr 19 j 17:06	15°♉35'22	22°27'05
retrograde	-471 May 02 j 17:14	21°♉59'26	
desc. node	-471 May 04 j 19:07	21°♉49'51	
evening set	-471 May 05 j 17:41	21°♉39'26	
min. Earth dist.	-471 May 14 j 00:52	18°♉04'08	0.55283 AU
inferior conj	-471 May 15 j 01:34	17°♉29'06	-2°-47'-3
minimum elong	-471 May 14 j 18:46	17°♉38'45	2°45'03
morning rise	-471 May 23 j 22:00	13°♉35'07	
direct	-471 May 26 j 17:54	13°♉16'47	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning max el	-471 Jun 07 j 05:06	18°♉37'45	21°05'29	
	-471 Jun 16 j 05:15	0°♊		
asc. node	-471 Jun 21 j 19:08	9°♊44'14		
morning set	-471 Jun 26 j 20:57	19°♊49'47		
	-471 Jul 01 j 18:09	0°♋		
superior conj	-471 Jul 04 j 08:56	5°♋25'58	1°40'02	
minimum elong	-471 Jul 04 j 07:03	5°♋16'16	1°39'54	
max. Earth dist.	-471 Jul 08 j 15:03	14°♋03'15	1.35497 AU	
evening rise	-471 Jul 12 j 22:35	22°♋24'20		
	-471 Jul 17 j 01:48	0°♌		
desc. node	-471 Jul 31 j 18:29	23°♌48'53		
	-471 Aug 05 j 03:57	0°♍		
evening max el	-471 Aug 17 j 09:43	14°♍27'36	26°32'17	
retrograde	-471 Aug 30 j 06:24	21°♍40'41		
evening set	-471 Sep 05 j 19:11	18°♍59'14		
min. Earth dist.	-471 Sep 09 j 21:27	14°♍43'23	0.66082 AU	
inferior conj	-471 Sep 11 j 12:16	12°♍46'10	-2°-4'-17	
minimum elong	-471 Sep 11 j 15:22	12°♍36'45	2°03'06	
morning rise	-471 Sep 17 j 12:39	6°♍58'10		
asc. node	-471 Sep 17 j 18:19	6°♍50'42		
direct	-471 Sep 20 j 11:08	6°♍09'28		
morning max el	-471 Sep 27 j 04:06	9°♍52'12	18°37'08	
	-471 Oct 11 j 09:24	0°♎		
morning set	-471 Oct 17 j 14:19	9°♎55'01		
desc. node	-471 Oct 27 j 17:49	26°♎02'37		
	-471 Oct 30 j 06:01	0°♏		
superior conj	-471 Nov 02 j 12:12	5°♏07'37	0°-37'-6	
minimum elong	-471 Nov 02 j 07:22	4°♏48'35	0°36'29	
max. Earth dist.	-471 Nov 02 j 20:55	5°♏41'51	1.45011 AU	
	-471 Nov 18 j 06:16	0°♐		
evening rise	-471 Nov 18 j 12:54	0°♐26'22		
	-471 Dec 07 j 23:29	0°♑		
evening max el	-471 Dec 10 j 12:16	2°♑53'50	19°00'48	
asc. node	-471 Dec 14 j 17:34	6°♑09'53		
retrograde	-471 Dec 17 j 09:37	6°♑48'56		
evening set	-471 Dec 20 j 14:22	5°♑49'46		
inferior conj	-471 Dec 26 j 07:48	0°♑00'58	3°15'59	
minimum elong	-471 Dec 26 j 05:05	0°♑09'27	3°15'23	
	-471 Dec 26 j 08:07	30°℞♐		
min. Earth dist.	-471 Dec 27 j 20:44	28°♐05'26	0.65623 AU	
morning rise	-471 Dec 31 j 18:54	23°♐50'02		
direct	-470 Jan 07 j 06:52	21°♐01'02		
morning max el	-470 Jan 20 j 04:52	28°♐35'32	26°36'34	
	-470 Jan 21 j 13:36	0°♑		
desc. node	-470 Jan 23 j 16:59	2°♑21'30		
	-470 Feb 12 j 10:24	0°♒		
morning set	-470 Feb 25 j 04:00	22°♒20'06		
	-470 Mar 01 j 02:58	0°♓		
max. Earth dist.	-470 Mar 01 j 10:42	0°♓38'23	1.34736 AU	
superior conj	-470 Mar 05 j 20:34	9°♓35'01	-1°-6'-48	
minimum elong	-470 Mar 05 j 23:39	9°♓50'58	1°06'18	
asc. node	-470 Mar 12 j 16:54	23°♓52'27		
evening rise	-470 Mar 13 j 11:46	25°♓30'17		
	-470 Mar 15 j 16:33	0°♈		
evening max el	-470 Apr 01 j 17:03	26°♈31'14	20°59'09	
	-470 Apr 06 j 03:54	0°♉		
retrograde	-470 Apr 13 j 06:32	2°♉06'37		
evening set	-470 Apr 15 j 13:13	1°♉54'24		
	-470 Apr 21 j 00:16	30°℞♈		
desc. node	-470 Apr 21 j 16:08	29°♈40'05		
inferior conj	-470 Apr 24 j 19:52	27°♈56'17	0°-54'-3	
minimum elong	-470 Apr 24 j 17:19	27°♈59'55	0°53'09	
min. Earth dist.	-470 Apr 25 j 13:51	27°♈30'48	0.55040 AU	
morning rise	-470 May 03 j 20:46	23°♈51'00		
direct	-470 May 07 j 04:27	23°♈27'11		
morning max el	-470 May 20 j 03:33	29°♈40'15	22°39'43	
	-470 May 20 j 11:53	0°♉		
asc. node	-470 Jun 08 j 16:11	29°♉18'33		
	-470 Jun 09 j 00:24	0°♊		
morning set	-470 Jun 11 j 07:34	4°♊43'53		
superior conj	-470 Jun 18 j 12:40	20°♊03'45	1°27'30	
minimum elong	-470 Jun 18 j 10:13	19°♊50'45	1°27'13	
max. Earth dist.	-470 Jun 21 j 10:15	26°♊09'24	1.34142 AU	
	-470 Jun 23 j 07:04	0°♋		
evening rise	-470 Jun 26 j 09:05	6°♋10'20		
	-470 Jul 09 j 17:06	0°♌		
desc. node	-470 Jul 18 j 15:30	13°♌21'48		
evening max el	-470 Jul 30 j 21:30	27°♌53'08	27°12'34	
	-470 Aug 02 j 05:43	0°♍		
retrograde	-470 Aug 13 j 06:20	5°♍12'23		
evening set	-470 Aug 20 j 06:04	2°♍27'18		
	-470 Aug 22 j 22:25	30°℞♌		
min. Earth dist.	-470 Aug 24 j 01:18	28°♌48'57	0.64862 AU	
inferior conj	-470 Aug 26 j 05:08	26°♌25'16	-2°-57'-34	
minimum elong	-470 Aug 26 j 09:22	26°♌13'30	2°56'13	
morning rise	-470 Sep 01 j 14:17	20°♌52'05		
direct	-470 Sep 04 j 06:16	20°♌14'25		
asc. node	-470 Sep 04 j 15:23	20°♌15'12		
morning max el	-470 Sep 10 j 18:36	23°♌44'08	18°06'43	
	-470 Sep 15 j 19:20	0°♍		
morning set	-470 Sep 28 j 18:10	20°♍54'56		
	-470 Oct 04 j 05:29	0°♎		
superior conj	-470 Oct 12 j 18:07	13°♎49'51	0°12'15	
minimum elong	-470 Oct 12 j 19:36	13°♎55'49	0°12'01	
behind sun begin	-470 Oct 12 j 12:19	13°♎26'43		
behind sun end	-470 Oct 13 j 02:53	14°♎24'53		
desc. node	-470 Oct 14 j 14:51	16°♎48'09		
max. Earth dist.	-470 Oct 16 j 15:50	20°♎02'16	1.44732 AU	
	-470 Oct 23 j 00:09	0°♏		
evening rise	-470 Oct 29 j 07:14	9°♏46'53		
	-470 Nov 11 j 12:29	0°♐		
greatest brilliancy	-470 Nov 16 j 07:27	6°♐58'41	-0.6m	
evening max el	-470 Nov 23 j 18:27	16°♐21'13	19°51'33	
retrograde	-470 Dec 01 j 06:54	20°♐44'46		
asc. node	-470 Dec 01 j 14:37	20°♐44'10		
evening set	-470 Dec 04 j 19:22	19°♐32'18		
inferior conj	-470 Dec 10 j 08:23	13°♐29'27	2°40'59	
minimum elong	-470 Dec 10 j 05:35	13°♐38'46	2°40'08	
min. Earth dist.	-470 Dec 11 j 07:37	12°♐12'28	0.66644 AU	
morning rise	-470 Dec 15 j 15:10	7°♐14'57		
direct	-470 Dec 21 j 13:40	4°♐38'04		
morning max el	-469 Jan 02 j 13:54	11°♐46'12	25°23'47	
desc. node	-469 Jan 10 j 14:02	21°♐01'10		
	-469 Jan 17 j 05:25	0°♑		
	-469 Feb 05 j 02:54	0°♒		
morning set	-469 Feb 07 j 19:12	4°♒46'33		
max. Earth dist.	-469 Feb 11 j 14:00	11°♒45'26	1.36392 AU	
superior conj	-469 Feb 17 j 11:53	23°♒12'41	-1°-30'-27	
minimum elong	-469 Feb 17 j 15:38	23°♒31'21	1°29'58	
	-469 Feb 20 j 20:56	0°♓		
evening rise	-469 Feb 25 j 16:25	9°♓46'53		
asc. node	-469 Feb 27 j 13:56	13°♓35'13		
	-469 Mar 08 j 17:29	0°♈		
evening max el	-469 Mar 15 j 03:57	8°♈02'22	19°46'58	
retrograde	-469 Mar 25 j 00:29	12°♈45'49		
evening set	-469 Mar 27 j 03:40	12°♈33'31		
inferior conj	-469 Apr 04 j 20:38	8°♈31'17	1°01'59	
minimum elong	-469 Apr 04 j 23:14	8°♈27'15	1°01'06	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

min. Earth dist.	-469 Apr 07 j 04:06	7°♈05'19	0.55740 AU
desc. node	-469 Apr 08 j 13:11	6°♈16'25	
morning rise	-469 Apr 13 j 15:32	3°♈57'29	
direct	-469 Apr 17 j 21:03	3°♈17'45	
morning max el	-469 May 01 j 19:31	10°♈15'35	24°20'33
	-469 May 16 j 13:15	0°♉	
morning set	-469 May 26 j 19:31	19°♉42'58	
asc. node	-469 May 26 j 13:15	19°♉10'06	
	-469 May 31 j 14:32	0°♊	
superior conj	-469 Jun 02 j 21:04	4°♊55'44	1°10'25
minimum elong	-469 Jun 02 j 18:37	4°♊42'28	1°10'02
max. Earth dist.	-469 Jun 04 j 14:14	8°♊37'43	1.33171 AU
evening rise	-469 Jun 10 j 05:59	20°♊27'49	
	-469 Jun 15 j 02:54	0°♋	
	-469 Jul 03 j 18:52	0°♌	
desc. node	-469 Jul 05 j 12:31	2°♌14'31	
evening max el	-469 Jul 13 j 07:37	10°♌56'29	27°25'19
retrograde	-469 Jul 27 j 00:32	18°♌16'33	
evening set	-469 Aug 03 j 05:17	15°♌39'38	
min. Earth dist.	-469 Aug 06 j 19:41	12°♌34'07	0.63274 AU
inferior conj	-469 Aug 09 j 12:45	9°♌51'41	-3°-45'-26
minimum elong	-469 Aug 09 j 17:25	9°♌40'01	3°44'18
morning rise	-469 Aug 16 j 07:49	4°♌36'37	
direct	-469 Aug 18 j 19:47	4°♌06'49	
asc. node	-469 Aug 22 j 12:28	5°♌12'54	
morning max el	-469 Aug 25 j 10:20	7°♌32'02	17°53'52
	-469 Sep 09 j 04:19	0°♍	
morning set	-469 Sep 10 j 22:43	3°♍05'53	
superior conj	-469 Sep 22 j 22:44	23°♍41'21	0°54'37
minimum elong	-469 Sep 23 j 03:37	24°♍01'40	0°54'01
	-469 Sep 26 j 18:45	0°♎	
max. Earth dist.	-469 Sep 29 j 07:55	4°♎07'25	1.43756 AU
desc. node	-469 Oct 01 j 11:54	7°♎35'15	
evening rise	-469 Oct 08 j 14:04	18°♎42'07	
	-469 Oct 15 j 23:46	0°♏	
greatest brilliancy	-469 Nov 01 j 06:02	23°♏17'27	-0.5m
	-469 Nov 06 j 23:17	0°♐	
evening max el	-469 Nov 06 j 19:09	29°♏49'27	20°56'01
retrograde	-469 Nov 15 j 04:29	4°♐47'52	
asc. node	-469 Nov 18 j 11:40	3°♐46'07	
evening set	-469 Nov 19 j 02:41	3°♐20'09	
	-469 Nov 22 j 08:54	30°℞♏	
inferior conj	-469 Nov 24 j 13:05	27°♏06'43	1°58'29
minimum elong	-469 Nov 24 j 10:42	27°♏14'53	1°57'36
min. Earth dist.	-469 Nov 25 j 00:15	26°♏28'28	0.67299 AU
morning rise	-469 Nov 29 j 18:18	20°♏50'52	
direct	-469 Dec 05 j 01:41	18°♏33'03	
morning max el	-469 Dec 15 j 22:28	25°♏01'57	23°58'37
	-469 Dec 20 j 10:19	0°♐	
desc. node	-469 Dec 28 j 11:07	10°♐22'33	
	-468 Jan 10 j 17:38	0°♑	
morning set	-468 Jan 20 j 12:16	16°♑04'00	
max. Earth dist.	-468 Jan 24 j 09:35	22°♑52'01	1.38395 AU
	-468 Jan 28 j 07:58	0°♒	
superior conj	-468 Jan 31 j 14:55	6°♒09'50	-1°-49'-18
minimum elong	-468 Jan 31 j 18:20	6°♒26'02	1°49'02
evening rise	-468 Feb 09 j 14:12	23°♒37'11	
	-468 Feb 12 j 21:10	0°♓	
asc. node	-468 Feb 14 j 10:59	2°♓58'10	
evening max el	-468 Feb 26 j 01:26	20°♓10'56	18°54'00
retrograde	-468 Mar 05 j 09:26	24°♓12'24	
evening set	-468 Mar 07 j 16:14	23°♓55'30	
inferior conj	-468 Mar 15 j 14:56	19°♓37'48	2°32'08
minimum elong	-468 Mar 15 j 19:22	19°♓29'48	2°30'57
min. Earth dist.	-468 Mar 18 j 20:26	17°♓19'34	0.57234 AU
morning rise	-468 Mar 23 j 18:18	14°♓31'21	
desc. node	-468 Mar 25 j 10:14	13°♓55'16	
direct	-468 Mar 29 j 03:16	13°♓21'49	
morning max el	-468 Apr 12 j 10:41	20°♓48'46	25°53'51
	-468 Apr 20 j 08:59	0°♈	
	-468 May 08 j 00:52	0°♉	
morning set	-468 May 10 j 07:08	4°♉40'53	
asc. node	-468 May 12 j 10:18	9°♉13'01	
superior conj	-468 May 17 j 08:01	19°♉54'25	0°49'46
minimum elong	-468 May 17 j 06:02	19°♉43'33	0°49'24
max. Earth dist.	-468 May 18 j 00:21	21°♉23'47	1.32581 AU
	-468 May 21 j 23:46	0°♊	
evening rise	-468 May 24 j 10:02	5°♊06'17	
	-468 Jun 06 j 18:53	0°♋	
desc. node	-468 Jun 21 j 09:32	20°♋09'39	
evening max el	-468 Jun 24 j 13:47	23°♋25'16	27°05'59
	-468 Jul 04 j 09:40	0°♌	
retrograde	-468 Jul 08 j 11:55	0°♌42'59	
	-468 Jul 12 j 11:06	30°℞♋	
evening set	-468 Jul 15 j 12:37	28°♋28'25	
min. Earth dist.	-468 Jul 19 j 03:54	25°♋44'53	0.61383 AU
inferior conj	-468 Jul 22 j 07:53	22°♋57'20	-4°-22'-49
minimum elong	-468 Jul 22 j 11:39	22°♋48'59	4°22'16
morning rise	-468 Jul 29 j 13:36	18°♋03'02	
direct	-468 Aug 01 j 00:01	17°♋38'30	
morning max el	-468 Aug 08 j 00:18	21°♋07'57	17°59'32
asc. node	-468 Aug 08 j 09:32	21°♋30'55	
	-468 Aug 14 j 17:38	0°♌	
morning set	-468 Aug 23 j 21:53	16°♌10'03	
	-468 Aug 31 j 12:22	0°♍	
superior conj	-468 Sep 03 j 06:41	4°♍53'12	1°24'25
minimum elong	-468 Sep 03 j 11:14	5°♍13'05	1°23'58
max. Earth dist.	-468 Sep 10 j 18:55	17°♍40'34	1.42220 AU
evening rise	-468 Sep 17 j 03:16	27°♍57'37	
desc. node	-468 Sep 17 j 08:55	28°♍20'00	
	-468 Sep 18 j 10:15	0°♎	
	-468 Oct 08 j 17:36	0°♏	
greatest brilliancy	-468 Oct 14 j 20:44	7°♏58'30	-0.3m
evening max el	-468 Oct 19 j 14:07	13°♏18'18	22°10'48
retrograde	-468 Oct 29 j 00:27	18°♏54'46	
evening set	-468 Nov 02 j 10:30	17°♏09'51	
asc. node	-468 Nov 04 j 08:44	15°♏18'09	
inferior conj	-468 Nov 07 j 19:49	10°♏49'35	1°10'20
minimum elong	-468 Nov 07 j 18:15	10°♏54'59	1°09'41
min. Earth dist.	-468 Nov 07 j 20:05	10°♏48'41	0.67611 AU
morning rise	-468 Nov 13 j 01:49	4°♏34'55	
direct	-468 Nov 17 j 18:01	2°♏39'16	
morning max el	-468 Nov 27 j 09:07	8°♏21'47	22°31'04
greatest brilliancy	-468 Dec 02 j 00:14	13°♏33'15	-0.3m
desc. node	-468 Dec 14 j 08:11	0°♐13'27	
	-468 Dec 14 j 04:28	0°♐	
morning set	-468 Dec 31 j 01:21	25°♐58'27	
	-467 Jan 02 j 12:01	0°♑	
max. Earth dist.	-467 Jan 05 j 05:38	4°♑35'23	1.40516 AU
superior conj	-467 Jan 13 j 01:04	18°♑15'08	-2°00'-4
minimum elong	-467 Jan 13 j 02:26	18°♑21'19	2°00'04
	-467 Jan 19 j 10:09	0°♒	
evening rise	-467 Jan 23 j 02:07	6°♒54'08	
asc. node	-467 Jan 31 j 08:01	21°♒54'54	
	-467 Feb 05 j 18:00	0°♓	
evening max el	-467 Feb 08 j 07:01	2°♓50'47	18°21'04
retrograde	-467 Feb 15 j 13:13	6°♓26'21	
evening set	-467 Feb 18 j 00:46	6°♓02'17	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

inferior conj	-467 Feb 25 j 06:14	1°♓23'40	3°26'36
minimum elong	-467 Feb 25 j 09:25	1°♓17'01	3°26'06
	-467 Feb 26 j 21:55	30°℞♒	
min. Earth dist.	-467 Feb 28 j 16:29	28°♒32'39	0.59207 AU
morning rise	-467 Mar 04 j 14:27	25°♒51'29	
direct	-467 Mar 10 j 22:41	24°♒04'19	
desc. node	-467 Mar 12 j 07:17	24°♒09'09	
	-467 Mar 23 j 08:24	0°♓	
morning max el	-467 Mar 25 j 06:05	1°♓46'12	27°04'36
	-467 Apr 14 j 13:29	0°♈	
morning set	-467 Apr 24 j 16:47	19°♈31'54	
asc. node	-467 Apr 29 j 07:20	29°♈22'38	
	-467 Apr 29 j 14:11	0°♉	
superior conj	-467 May 01 j 19:48	4°♉53'40	0°26'24
minimum elong	-467 May 01 j 18:39	4°♉47'21	0°26'09
max. Earth dist.	-467 May 01 j 13:10	4°♉17'15	1.32358 AU
evening rise	-467 May 08 j 18:43	19°♉57'16	
	-467 May 13 j 17:39	0°♊	
	-467 Jun 01 j 18:02	0°♋	
evening max el	-467 Jun 06 j 13:49	5°♋10'44	26°14'01
desc. node	-467 Jun 08 j 06:31	6°♋43'10	
retrograde	-467 Jun 20 j 14:44	12°♋24'26	
evening set	-467 Jun 26 j 23:30	10°♋44'31	
min. Earth dist.	-467 Jul 01 j 02:47	8°♋06'45	0.59335 AU
inferior conj	-467 Jul 04 j 10:56	5°♋33'06	-4°-41'-43
minimum elong	-467 Jul 04 j 11:52	5°♋31'19	4°41'42
morning rise	-467 Jul 12 j 03:42	1°♋01'23	
direct	-467 Jul 14 j 14:55	0°♋40'12	
morning max el	-467 Jul 22 j 09:28	4°♋23'53	18°24'57
asc. node	-467 Jul 26 j 06:35	8°♋54'08	
morning set	-467 Aug 07 j 10:32	29°♋54'06	
	-467 Aug 07 j 11:46	0°♌	
superior conj	-467 Aug 16 j 14:27	17°♌15'57	1°41'20
minimum elong	-467 Aug 16 j 16:57	17°♌27'31	1°41'11
	-467 Aug 23 j 17:13	0°♍	
max. Earth dist.	-467 Aug 24 j 00:49	0°♍32'52	1.40326 AU
evening rise	-467 Aug 28 j 13:22	8°♍12'14	
desc. node	-467 Sep 04 j 05:54	18°♍58'58	
	-467 Sep 11 j 11:51	0°♎	
evening max el	-467 Oct 02 j 04:30	26°♎49'19	23°30'43
	-467 Oct 05 j 17:30	0°♏	
retrograde	-467 Oct 12 j 17:24	3°♏02'40	
evening set	-467 Oct 17 j 17:09	0°♏59'23	
	-467 Oct 18 j 18:49	30°℞♎	
asc. node	-467 Oct 22 j 05:47	25°♎47'43	
min. Earth dist.	-467 Oct 22 j 16:39	25°♎10'43	0.67602 AU
inferior conj	-467 Oct 23 j 02:47	24°♎36'03	0°18'07
minimum elong	-467 Oct 23 j 02:21	24°♎37'32	0°17'56
morning rise	-467 Oct 28 j 11:38	18°♎25'15	
direct	-467 Nov 01 j 13:40	16°♎51'52	
morning max el	-467 Nov 10 j 01:25	21°♎49'38	21°09'15
greatest brilliancy	-467 Nov 15 j 11:18	28°♎05'33	-0.5m
	-467 Nov 16 j 22:40	0°♏	
desc. node	-467 Dec 01 j 05:13	20°♏25'11	
	-467 Dec 07 j 11:57	0°♐	
morning set	-467 Dec 10 j 10:40	4°♐35'23	
max. Earth dist.	-467 Dec 18 j 08:38	17°♐15'37	1.42463 AU
superior conj	-467 Dec 25 j 12:44	29°♐14'34	-1°-58'-31
minimum elong	-467 Dec 25 j 10:02	29°♐03'02	1°58'28
	-467 Dec 25 j 23:22	0°♑	
evening rise	-466 Jan 06 j 00:21	19°♑29'10	
	-466 Jan 11 j 21:34	0°♒	
asc. node	-466 Jan 18 j 05:03	10°♒16'29	
evening max el	-466 Jan 22 j 17:29	15°♒52'06	18°07'56
retrograde	-466 Jan 29 j 09:31	19°♒17'41	
evening set	-466 Feb 01 j 01:14	18°♒45'12	
inferior conj	-466 Feb 07 j 16:40	13°♒44'38	3°49'40
minimum elong	-466 Feb 07 j 17:31	13°♒42'33	3°49'38
min. Earth dist.	-466 Feb 10 j 19:12	10°♒45'32	0.61302 AU
morning rise	-466 Feb 14 j 07:12	7°♒54'59	
direct	-466 Feb 21 j 04:27	5°♒33'39	
desc. node	-466 Feb 27 j 04:21	7°♒09'15	
morning max el	-466 Mar 07 j 07:48	13°♒22'45	27°42'07
	-466 Mar 20 j 15:01	0°♓	
	-466 Apr 06 j 21:25	0°♈	
morning set	-466 Apr 08 j 22:31	4°♈08'27	
max. Earth dist.	-466 Apr 15 j 00:49	17°♈03'53	1.32501 AU
superior conj	-466 Apr 16 j 06:40	19°♈46'29	0°01'02
minimum elong	-466 Apr 16 j 06:37	19°♈46'13	0°01'01
behind sun begin	-466 Apr 16 j 01:33	19°♈18'34	
behind sun end	-466 Apr 16 j 11:41	20°♈13'53	
asc. node	-466 Apr 16 j 04:21	19°♈33'51	
	-466 Apr 20 j 23:13	0°♉	
evening rise	-466 Apr 23 j 05:51	4°♉52'14	
	-466 May 06 j 16:10	0°♊	
evening max el	-466 May 19 j 07:12	16°♊12'27	24°55'04
desc. node	-466 May 26 j 03:32	21°♊21'58	
retrograde	-466 Jun 02 j 06:54	23°♊18'28	
evening set	-466 Jun 07 j 11:17	22°♊17'11	
min. Earth dist.	-466 Jun 12 j 18:46	19°♊27'45	0.57374 AU
inferior conj	-466 Jun 15 j 18:37	17°♊28'31	-4°-30'-41
minimum elong	-466 Jun 15 j 15:03	17°♊34'29	4°30'19
morning rise	-466 Jun 23 j 22:40	13°♊18'33	
direct	-466 Jun 26 j 12:05	12°♊59'39	
morning max el	-466 Jul 05 j 10:53	17°♊10'08	19°11'12
asc. node	-466 Jul 13 j 03:37	27°♊07'38	
	-466 Jul 14 j 20:53	0°♋	
morning set	-466 Jul 22 j 08:43	14°♋07'06	
	-466 Jul 30 j 09:21	0°♌	
superior conj	-466 Jul 30 j 16:18	0°♌33'39	1°47'20
minimum elong	-466 Jul 30 j 16:39	0°♌35'22	1°47'20
max. Earth dist.	-466 Aug 06 j 03:58	12°♌45'30	1.38311 AU
evening rise	-466 Aug 10 j 00:29	19°♌37'56	
	-466 Aug 16 j 03:39	0°♍	
desc. node	-466 Aug 22 j 02:54	9°♍27'57	
	-466 Sep 05 j 15:17	0°♎	
evening max el	-466 Sep 14 j 16:21	10°♎23'44	24°49'20
retrograde	-466 Sep 26 j 06:26	17°♎08'22	
evening set	-466 Oct 01 j 20:57	14°♎47'12	
min. Earth dist.	-466 Oct 06 j 11:35	9°♎33'11	0.67272 AU
inferior conj	-466 Oct 07 j 08:17	8°♎24'38	0°-36'-39
minimum elong	-466 Oct 07 j 09:11	8°♎21'38	0°36'16
asc. node	-466 Oct 09 j 02:50	6°♎07'03	
morning rise	-466 Oct 12 j 21:52	2°♎20'27	
direct	-466 Oct 16 j 11:25	1°♎07'15	
morning max el	-466 Oct 24 j 01:24	5°♎28'22	19°58'38
greatest brilliancy	-466 Oct 31 j 09:55	14°♎30'46	-0.6m
	-466 Nov 10 j 23:42	0°♏	
desc. node	-466 Nov 18 j 02:14	10°♏51'56	
morning set	-466 Nov 19 j 07:17	12°♏44'06	
	-466 Nov 30 j 07:40	0°♐	
max. Earth dist.	-466 Nov 30 j 19:24	0°♐46'47	1.43962 AU
superior conj	-466 Dec 05 j 21:43	8°♐59'28	-1°-40'-20
minimum elong	-466 Dec 05 j 14:31	8°♐30'14	1°39'45
	-466 Dec 18 j 11:18	0°♑	
evening rise	-466 Dec 19 j 04:42	1°♑14'26	
asc. node	-465 Jan 05 j 02:06	27°♑52'31	
evening max el	-465 Jan 06 j 05:57	29°♑07'29	18°14'07

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-465 Jan 07 j 04:01	0°♒		
retrograde	-465 Jan 12 j 17:47	2°♒36'19		
evening set	-465 Jan 15 j 13:40	1°♒54'35		
	-465 Jan 18 j 08:20	30°℞♑		
inferior conj	-465 Jan 21 j 18:25	26°♑33'29	3°49'08	
minimum elong	-465 Jan 21 j 17:17	26°♑36'34	3°49'04	
min. Earth dist.	-465 Jan 24 j 07:13	23°♑48'14	0.63239 AU	
morning rise	-465 Jan 27 j 19:07	20°♑32'27		
direct	-465 Feb 03 j 18:49	17°♑48'47		
desc. node	-465 Feb 14 j 01:24	22°♑26'06		
morning max el	-465 Feb 17 j 14:53	25°♑39'53	27°42'36	
	-465 Feb 21 j 15:22	0°♒		
	-465 Mar 14 j 02:24	0°♓		
morning set	-465 Mar 23 j 22:04	18°♓23'10		
max. Earth dist.	-465 Mar 29 j 07:17	29°♓30'08	1.33030 AU	
	-465 Mar 29 j 12:55	0°♈		
superior conj	-465 Mar 31 j 14:56	4°♈27'25	0°-25'-28	
minimum elong	-465 Mar 31 j 16:09	4°♈33'56	0°25'14	
asc. node	-465 Apr 03 j 01:23	9°♈42'55		
evening rise	-465 Apr 07 j 17:39	19°♈44'48		
	-465 Apr 12 j 18:39	0°♉		
evening max el	-465 Apr 30 j 21:44	26°♉48'40	23°21'29	
	-465 May 04 j 16:35	0°♊		
desc. node	-465 May 13 j 00:35	3°♊29'46		
retrograde	-465 May 14 j 11:00	3°♊34'26		
evening set	-465 May 18 j 04:42	3°♊03'43		
	-465 May 24 j 23:53	30°℞♉		
min. Earth dist.	-465 May 25 j 07:51	29°♉48'28	0.55837 AU	
inferior conj	-465 May 27 j 06:20	28°♉39'47	-3°-37'-49	
minimum elong	-465 May 26 j 23:23	28°♉50'06	3°36'12	
morning rise	-465 Jun 04 j 21:27	24°♉44'19		
direct	-465 Jun 07 j 13:55	24°♉26'42		
morning max el	-465 Jun 18 j 02:11	29°♉18'25	20°18'20	
	-465 Jun 18 j 19:33	0°♊		
asc. node	-465 Jun 30 j 00:39	15°♊59'41		
morning set	-465 Jul 06 j 13:26	28°♊40'54		
	-465 Jul 07 j 04:57	0°♋		
superior conj	-465 Jul 14 j 07:09	14°♋31'22	1°44'42	
minimum elong	-465 Jul 14 j 05:53	14°♋25'00	1°44'39	
max. Earth dist.	-465 Jul 19 j 09:24	24°♋34'59	1.36431 AU	
	-465 Jul 22 j 06:04	0°♌		
evening rise	-465 Jul 23 j 09:50	2°♌08'24		
desc. node	-465 Aug 08 j 23:55	29°♌41'16		
	-465 Aug 09 j 04:56	0°♍		
evening max el	-465 Aug 28 j 03:39	23°♍59'36	25°59'13	
	-465 Sep 05 j 03:58	0°♎		
retrograde	-465 Sep 09 j 14:56	1°♎06'10		
	-465 Sep 13 j 17:00	30°℞♍		
evening set	-465 Sep 15 j 20:01	28°♍30'15		
min. Earth dist.	-465 Sep 20 j 02:32	23°♍52'53	0.66610 AU	
inferior conj	-465 Sep 21 j 10:31	22°♍12'24	-1°-32'-27	
minimum elong	-465 Sep 21 j 12:50	22°♍05'05	1°31'30	
asc. node	-465 Sep 25 j 23:53	17°♍12'16		
morning rise	-465 Sep 27 j 06:32	16°♍17'42		
direct	-465 Sep 30 j 09:44	15°♍21'17		
morning max el	-465 Oct 07 j 08:36	19°♍15'36	19°02'21	
	-465 Oct 15 j 16:28	0°♎		
morning set	-465 Oct 29 j 15:45	21°♎34'25		
	-465 Nov 04 j 00:37	0°♏		
desc. node	-465 Nov 04 j 23:14	1°♏28'42		
max. Earth dist.	-465 Nov 13 j 11:19	14°♏49'58	1.44831 AU	
superior conj	-465 Nov 15 j 06:37	17°♏40'43	-1°-4'-5	
minimum elong	-465 Nov 14 j 23:06	17°♏11'01	1°03'12	
	-465 Nov 23 j 00:30	0°♐		
evening rise	-465 Nov 30 j 10:56	12°♐01'57		
	-465 Dec 11 j 13:12	0°♑		
evening max el	-465 Dec 20 j 17:43	12°♑30'24	18°38'46	
asc. node	-465 Dec 22 j 23:10	14°♑29'28		
retrograde	-465 Dec 27 j 09:39	16°♑13'25		
evening set	-465 Dec 30 j 10:39	15°♑21'14		
inferior conj	-464 Jan 05 j 07:32	9°♑41'52	3°31'44	
minimum elong	-464 Jan 05 j 05:11	9°♑48'55	3°31'20	
min. Earth dist.	-464 Jan 07 j 05:06	7°♑25'27	0.64863 AU	
morning rise	-464 Jan 10 j 22:31	3°♑33'35		
direct	-464 Jan 17 j 16:29	0°♑42'16		
morning max el	-464 Jan 31 j 00:24	8°♑26'57	27°08'46	
desc. node	-464 Jan 31 j 22:27	9°♑23'11		
	-464 Feb 16 j 20:10	0°♒		
	-464 Mar 05 j 10:12	0°♓		
morning set	-464 Mar 06 j 12:28	2°♓06'20		
max. Earth dist.	-464 Mar 11 j 04:33	11°♓23'58	1.33979 AU	
superior conj	-464 Mar 14 j 18:39	18°♓50'08	0°-52'-2	
minimum elong	-464 Mar 14 j 21:07	19°♓03'05	0°51'35	
asc. node	-464 Mar 19 j 22:27	29°♓45'41		
	-464 Mar 20 j 01:10	0°♈		
evening rise	-464 Mar 22 j 04:14	4°♈28'42		
	-464 Apr 05 j 08:41	0°♉		
evening max el	-464 Apr 11 j 16:34	7°♉30'14	21°48'09	
retrograde	-464 Apr 24 j 03:57	13°♉35'32		
evening set	-464 Apr 26 j 18:28	13°♉20'20		
desc. node	-464 Apr 28 j 21:37	12°♉46'50		
inferior conj	-464 May 06 j 03:42	9°♉16'59	-2°-1'-46	
minimum elong	-464 May 05 j 22:13	9°♉24'42	1°59'56	
min. Earth dist.	-464 May 05 j 20:57	9°♉26'28	0.55055 AU	
morning rise	-464 May 15 j 03:00	5°♉20'23		
direct	-464 May 18 j 02:28	5°♉00'47		
morning max el	-464 May 30 j 06:30	10°♉44'40	21°44'08	
	-464 Jun 13 j 01:39	0°♊		
asc. node	-464 Jun 15 j 21:42	5°♊21'02		
morning set	-464 Jun 19 j 22:29	13°♊29'30		
superior conj	-464 Jun 27 j 07:07	28°♊57'46	1°35'21	
minimum elong	-464 Jun 27 j 04:55	28°♊46'16	1°35'09	
	-464 Jun 27 j 19:03	0°♋		
max. Earth dist.	-464 Jun 30 j 22:44	6°♋29'03	1.34865 AU	
evening rise	-464 Jul 05 j 12:35	15°♋31'24		
	-464 Jul 13 j 11:22	0°♌		
desc. node	-464 Jul 25 j 20:57	19°♌31'56		
	-464 Aug 02 j 18:32	0°♍		
evening max el	-464 Aug 09 j 15:30	7°♍32'12	26°52'29	
retrograde	-464 Aug 22 j 18:21	14°♍49'43		
evening set	-464 Aug 29 j 12:10	12°♍05'30		
min. Earth dist.	-464 Sep 02 j 11:14	8°♍05'43	0.65600 AU	
inferior conj	-464 Sep 04 j 07:30	5°♍56'23	-2°-27'-19	
minimum elong	-464 Sep 04 j 11:08	5°♍45'44	2°26'02	
morning rise	-464 Sep 10 j 11:27	0°♍14'14		
	-464 Sep 10 j 23:39	30°℞♌		
asc. node	-464 Sep 11 j 20:55	29°♌41'49		
direct	-464 Sep 13 j 06:45	29°♌30'47		
	-464 Sep 15 j 14:36	0°♍		
morning max el	-464 Sep 19 j 21:07	3°♍07'21	18°22'06	
	-464 Oct 08 j 01:05	0°♎		
morning set	-464 Oct 09 j 03:16	1°♎46'36		
desc. node	-464 Oct 21 j 20:18	22°♎12'06		
superior conj	-464 Oct 24 j 07:12	26°♎04'57	0°-16'-1	
minimum elong	-464 Oct 24 j 05:05	25°♎56'39	0°15'45	
behind sun begin	-464 Oct 24 j 02:15	25°♎45'26		
behind sun end	-464 Oct 24 j 07:56	26°♎07'51		
max. Earth dist.	-464 Oct 26 j 05:41	29°♎08'05	1.44981 AU	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-464 Oct 26 j 18:53	0°♏	
evening rise	-464 Nov 09 j 17:19	21°♏50'51	
	-464 Nov 14 j 22:05	0°♐	
greatest brilliancy	-464 Nov 23 j 17:57	13°♐36'30	-0.7m
evening max el	-464 Dec 03 j 02:34	25°♐57'26	19°20'32
asc. node	-464 Dec 08 j 20:13	29°♐52'49	
	-464 Dec 09 j 10:20	0°♑	
retrograde	-464 Dec 10 j 05:39	0°♑03'40	
	-464 Dec 11 j 00:47	30°℞♐	
evening set	-464 Dec 13 j 13:23	28°♐59'15	
inferior conj	-464 Dec 19 j 04:45	23°♐04'20	3°02'11
minimum elong	-464 Dec 19 j 01:55	23°♐13'25	3°01'27
min. Earth dist.	-464 Dec 20 j 11:46	21°♐24'38	0.66110 AU
morning rise	-464 Dec 24 j 13:38	16°♐51'31	
direct	-464 Dec 30 j 20:19	14°♐06'11	
morning max el	-463 Jan 12 j 09:47	21°♐31'29	26°07'35
desc. node	-463 Jan 17 j 19:30	27°♐31'47	
	-463 Jan 19 j 19:35	0°♑	
	-463 Feb 09 j 01:05	0°♒	
morning set	-463 Feb 17 j 13:38	15°♒05'13	
max. Earth dist.	-463 Feb 21 j 14:01	22°♒43'12	1.35387 AU
	-463 Feb 25 j 06:21	0°♓	
superior conj	-463 Feb 26 j 15:24	2°♓47'07	-1°-17'-16
minimum elong	-463 Feb 26 j 18:51	3°♓04'41	1°16'44
evening rise	-463 Mar 06 j 11:42	18°♓57'14	
asc. node	-463 Mar 06 j 19:31	19°♓37'17	
	-463 Mar 12 j 01:45	0°♈	
evening max el	-463 Mar 24 j 21:10	18°♈40'43	20°26'17
retrograde	-463 Apr 04 j 17:16	23°♈52'57	
evening set	-463 Apr 06 j 21:03	23°♈41'27	
inferior conj	-463 Apr 15 j 23:02	19°♈43'58	0°-3'-7
minimum elong	-463 Apr 15 j 22:54	19°♈44'10	0°03'04
transit middle	-463 Apr 15 j 22:54	19°♈44'10	0°03'04
transit begin	-463 Apr 15 j 18:56	19°♈49'58	
transit end	-463 Apr 16 j 02:52	19°♈38'22	
desc. node	-463 Apr 15 j 18:40	19°♈50'21	
min. Earth dist.	-463 Apr 17 j 10:39	18°♈52'04	0.55225 AU
morning rise	-463 Apr 24 j 22:43	15°♈27'47	
direct	-463 Apr 28 j 14:43	14°♈58'34	
morning max el	-463 May 12 j 01:29	21°♈32'52	23°22'31
	-463 May 19 j 08:31	0°♉	
asc. node	-463 Jun 02 j 18:46	25°♉03'17	
morning set	-463 Jun 04 j 09:51	28°♉26'09	
	-463 Jun 05 j 03:41	0°♊	
superior conj	-463 Jun 11 j 13:06	13°♊42'19	1°20'45
minimum elong	-463 Jun 11 j 10:35	13°♊28'50	1°20'24
max. Earth dist.	-463 Jun 13 j 21:53	18°♊44'30	1.33683 AU
evening rise	-463 Jun 19 j 03:59	29°♊32'20	
	-463 Jun 19 j 09:33	0°♋	
	-463 Jul 06 j 13:22	0°♌	
desc. node	-463 Jul 12 j 17:59	8°♌49'18	
evening max el	-463 Jul 23 j 03:02	20°♌50'19	27°21'48
retrograde	-463 Aug 05 j 15:55	28°♌10'08	
evening set	-463 Aug 12 j 18:30	25°♌27'16	
min. Earth dist.	-463 Aug 16 j 11:23	22°♌03'25	0.64226 AU
inferior conj	-463 Aug 18 j 20:47	19°♌30'46	-3°-18'-48
minimum elong	-463 Aug 19 j 01:19	19°♌18'41	3°17'30
morning rise	-463 Aug 25 j 10:00	14°♌04'33	
direct	-463 Aug 27 j 23:57	13°♌30'33	
asc. node	-463 Aug 29 j 17:58	13°♌46'20	
morning max el	-463 Sep 03 j 12:24	16°♌57'34	17°59'00
	-463 Sep 12 j 21:05	0°♍	
morning set	-463 Sep 20 j 18:21	13°♍18'42	
	-463 Sep 30 j 16:51	0°♎	

superior conj	-463 Oct 03 j 21:13	5°♎12'01	0°31'33
minimum elong	-463 Oct 04 j 00:41	5°♎26'04	0°31'05
desc. node	-463 Oct 08 j 17:21	12°♎58'29	
max. Earth dist.	-463 Oct 08 j 23:43	13°♎23'52	1.44398 AU
	-463 Oct 19 j 14:24	0°♏	
evening rise	-463 Oct 20 j 04:50	0°♏55'39	
	-463 Nov 08 j 16:18	0°♐	
greatest brilliancy	-463 Nov 09 j 18:54	1°♐31'11	-0.6m
evening max el	-463 Nov 16 j 06:39	9°♐25'57	20°17'32
retrograde	-463 Nov 24 j 03:13	14°♐03'12	
asc. node	-463 Nov 25 j 17:14	13°♐48'52	
evening set	-463 Nov 27 j 19:37	12°♐44'28	
inferior conj	-463 Dec 03 j 07:21	6°♐36'55	2°23'45
minimum elong	-463 Dec 03 j 04:40	6°♐45'58	2°22'52
min. Earth dist.	-463 Dec 04 j 01:17	5°♐36'29	0.66970 AU
morning rise	-463 Dec 08 j 13:10	0°♐21'48	
	-463 Dec 08 j 23:19	30°℞♏	
direct	-463 Dec 14 j 05:30	27°♏52'15	
	-463 Dec 20 j 04:14	0°♐	
morning max el	-463 Dec 25 j 18:16	4°♐44'23	24°48'28
desc. node	-462 Jan 04 j 16:34	16°♐31'07	
	-462 Jan 14 j 05:26	0°♑	
morning set	-462 Jan 30 j 20:16	27°♑04'49	
	-462 Feb 01 j 11:31	0°♒	
max. Earth dist.	-462 Feb 03 j 13:16	3°♒46'15	1.37216 AU
superior conj	-462 Feb 10 j 02:06	16°♒09'47	-1°-39'-11
minimum elong	-462 Feb 10 j 05:52	16°♒28'10	1°38'48
	-462 Feb 17 j 01:01	0°♓	
evening rise	-462 Feb 18 j 13:49	3°♓04'11	
asc. node	-462 Feb 21 j 16:35	9°♓12'47	
	-462 Mar 07 j 01:11	0°♈	
evening max el	-462 Mar 07 j 12:55	0°♈28'55	19°21'58
retrograde	-462 Mar 16 j 16:29	4°♈52'22	
evening set	-462 Mar 18 j 21:03	4°♈38'22	
inferior conj	-462 Mar 27 j 06:22	0°♈30'28	1°44'24
minimum elong	-462 Mar 27 j 10:14	0°♈24'06	1°43'12
	-462 Mar 28 j 00:48	30°℞♓	
min. Earth dist.	-462 Mar 30 j 01:22	28°♓40'49	0.56302 AU
desc. node	-462 Apr 02 j 15:42	26°♓37'38	
morning rise	-462 Apr 04 j 19:37	25°♓42'55	
direct	-462 Apr 09 j 12:56	24°♓52'02	
	-462 Apr 21 j 09:00	0°♈	
morning max el	-462 Apr 23 j 16:13	2°♈03'22	25°02'02
	-462 May 13 j 04:26	0°♉	
morning set	-462 May 19 j 21:53	13°♉25'25	
asc. node	-462 May 20 j 15:51	15°♉00'22	
superior conj	-462 May 26 j 22:48	28°♉37'40	1°02'03
minimum elong	-462 May 26 j 20:30	28°♉25'07	1°01'39
	-462 May 27 j 13:56	0°♊	
max. Earth dist.	-462 May 28 j 05:06	1°♊22'19	1.32884 AU
evening rise	-462 Jun 03 j 04:18	13°♊59'52	
	-462 Jun 11 j 11:47	0°♋	
desc. node	-462 Jun 29 j 14:59	27°♋19'34	
	-462 Jul 01 j 22:30	0°♌	
evening max el	-462 Jul 05 j 11:55	3°♌40'26	27°21'08
retrograde	-462 Jul 19 j 06:57	10°♌58'42	
evening set	-462 Jul 26 j 11:25	8°♌29'45	
min. Earth dist.	-462 Jul 30 j 01:21	5°♌35'15	0.62507 AU
inferior conj	-462 Aug 01 j 23:29	2°♌48'58	-4°-3'00
minimum elong	-462 Aug 02 j 03:58	2°♌38'17	4°02'04
	-462 Aug 05 j 03:07	30°℞♋	
morning rise	-462 Aug 08 j 22:59	27°♋42'14	
direct	-462 Aug 11 j 10:08	27°♋14'48	
asc. node	-462 Aug 16 j 15:02	29°♋19'24	
	-462 Aug 17 j 10:25	0°♌	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning max el	-462 Aug 18 j 03:39	0°♌40'25	17°53'56
morning set	-462 Sep 03 j 07:28	25°♌53'47	
	-462 Sep 05 j 14:35	0°♍	
superior conj	-462 Sep 14 j 13:26	15°♍36'59	1°08'56
minimum elong	-462 Sep 14 j 18:31	15°♍58'35	1°08'21
max. Earth dist.	-462 Sep 21 j 14:19	27°♍18'34	1.43162 AU
	-462 Sep 23 j 06:13	0°♎	
desc. node	-462 Sep 25 j 14:21	3°♎44'29	
evening rise	-462 Sep 29 j 12:03	9°♎53'06	
	-462 Oct 12 j 19:31	0°♏	
greatest brilliancy	-462 Oct 25 j 03:51	17°♏05'09	-0.4m
evening max el	-462 Oct 30 j 04:51	22°♏53'59	21°26'53
retrograde	-462 Nov 08 j 00:14	28°♏08'07	
evening set	-462 Nov 12 j 03:21	26°♏33'02	
asc. node	-462 Nov 12 j 14:16	26°♏10'43	
inferior conj	-462 Nov 17 j 13:06	20°♏16'14	1°38'38
minimum elong	-462 Nov 17 j 11:01	20°♏23'24	1°37'50
min. Earth dist.	-462 Nov 17 j 19:26	19°♏54'22	0.67470 AU
morning rise	-462 Nov 22 j 18:23	14°♏00'51	
direct	-462 Nov 27 j 19:15	11°♏52'28	
morning max el	-462 Dec 08 j 03:19	18°♏01'29	23°21'18
greatest brilliancy	-462 Dec 13 j 11:55	24°♏03'28	-0.2m
	-462 Dec 18 j 03:08	0°♐	
desc. node	-462 Dec 22 j 13:36	6°♐05'52	
	-461 Jan 07 j 08:20	0°♑	
morning set	-461 Jan 12 j 01:59	7°♑47'52	
max. Earth dist.	-461 Jan 16 j 08:38	15°♑07'00	1.39302 AU
superior conj	-461 Jan 23 j 22:34	28°♑46'19	-1°-55'-4
minimum elong	-461 Jan 24 j 01:21	28°♑59'18	1°54'57
	-461 Jan 24 j 14:22	0°♒	
evening rise	-461 Feb 02 j 07:49	16°♒41'27	
asc. node	-461 Feb 08 j 13:37	28°♒25'30	
	-461 Feb 09 j 10:58	0°♓	
evening max el	-461 Feb 18 j 14:07	12°♓51'15	18°37'26
retrograde	-461 Feb 26 j 09:46	16°♓40'01	
evening set	-461 Feb 28 j 18:35	16°♓20'16	
inferior conj	-461 Mar 08 j 09:35	11°♓53'35	2°59'29
minimum elong	-461 Mar 08 j 13:45	11°♓45'35	2°58'35
min. Earth dist.	-461 Mar 11 j 18:47	9°♓18'48	0.58039 AU
morning rise	-461 Mar 16 j 04:54	6°♓35'02	
desc. node	-461 Mar 20 j 12:45	5°♓15'49	
direct	-461 Mar 22 j 00:32	5°♓10'12	
morning max el	-461 Apr 05 j 08:52	12°♓44'19	26°27'30
	-461 Apr 18 j 21:58	0°♈	
morning set	-461 May 04 j 08:54	28°♈21'09	
	-461 May 05 j 03:40	0°♉	
asc. node	-461 May 07 j 12:54	5°♉06'35	
superior conj	-461 May 11 j 10:19	13°♉37'00	0°40'08
minimum elong	-461 May 11 j 08:38	13°♉27'50	0°39'48
max. Earth dist.	-461 May 11 j 16:56	14°♉13'23	1.32445 AU
evening rise	-461 May 18 j 10:35	28°♉44'13	
	-461 May 19 j 01:10	0°♊	
	-461 Jun 04 j 19:36	0°♋	
desc. node	-461 Jun 16 j 11:59	14°♋43'11	
evening max el	-461 Jun 17 j 15:31	15°♋50'42	26°47'34
retrograde	-461 Jul 01 j 14:50	23°♋06'58	
evening set	-461 Jul 08 j 10:35	21°♋05'36	
min. Earth dist.	-461 Jul 12 j 05:05	18°♋27'05	0.60521 AU
inferior conj	-461 Jul 15 j 12:12	15°♋42'45	-4°-33'-43
minimum elong	-461 Jul 15 j 15:01	15°♋36'51	4°33'26
morning rise	-461 Jul 22 j 22:36	10°♋58'16	
direct	-461 Jul 25 j 09:13	10°♋35'18	
morning max el	-461 Aug 01 j 16:00	14°♋09'04	18°07'56
asc. node	-461 Aug 03 j 12:06	16°♋06'58	
	-461 Aug 12 j 12:15	0°♌	
morning set	-461 Aug 17 j 12:55	9°♌16'17	
superior conj	-461 Aug 27 j 08:14	27°♌21'16	1°33'05
minimum elong	-461 Aug 27 j 12:01	27°♌38'07	1°32'46
	-461 Aug 28 j 19:54	0°♍	
max. Earth dist.	-461 Sep 03 j 23:13	10°♍35'43	1.41437 AU
evening rise	-461 Sep 09 j 08:54	19°♍30'07	
desc. node	-461 Sep 12 j 11:21	24°♍27'07	
	-461 Sep 16 j 00:47	0°♎	
	-461 Oct 07 j 06:23	0°♏	
greatest brilliancy	-461 Oct 07 j 22:58	0°♏50'44	-0.3m
evening max el	-461 Oct 12 j 21:31	6°♏22'51	22°44'30
retrograde	-461 Oct 22 j 19:11	12°♏15'55	
evening set	-461 Oct 27 j 10:53	10°♏23'03	
asc. node	-461 Oct 30 j 11:18	7°♏11'18	
inferior conj	-461 Nov 01 j 20:08	4°♏00'44	0°48'35
minimum elong	-461 Nov 01 j 19:01	4°♏04'35	0°48'07
min. Earth dist.	-461 Nov 01 j 15:51	4°♏15'30	0.67639 AU
	-461 Nov 04 j 21:51	30°℞♎	
morning rise	-461 Nov 07 j 03:06	27°♎47'26	
direct	-461 Nov 11 j 13:00	26°♎01'38	
	-461 Nov 19 j 04:56	0°♏	
morning max el	-461 Nov 20 j 16:10	1°♏24'49	21°55'16
greatest brilliancy	-461 Nov 25 j 11:07	6°♏50'01	-0.4m
desc. node	-461 Dec 09 j 10:39	26°♏06'13	
	-461 Dec 12 j 01:30	0°♐	
morning set	-461 Dec 23 j 02:34	17°♐06'41	
max. Earth dist.	-461 Dec 29 j 07:12	27°♐13'40	1.41379 AU
	-461 Dec 30 j 22:52	0°♑	
superior conj	-460 Jan 05 j 23:46	10°♑24'33	-2°-1'-12
minimum elong	-460 Jan 05 j 23:38	10°♑23'58	2°01'14
evening rise	-460 Jan 16 j 14:24	29°♑41'30	
	-460 Jan 16 j 18:24	0°♒	
asc. node	-460 Jan 26 j 10:38	17°♒08'18	
evening max el	-460 Feb 01 j 22:05	25°♒40'49	18°13'03
retrograde	-460 Feb 08 j 21:09	29°♒10'40	
evening set	-460 Feb 11 j 10:21	28°♒43'17	
inferior conj	-460 Feb 18 j 09:28	23°♒55'22	3°39'44
minimum elong	-460 Feb 18 j 11:40	23°♒50'25	3°39'30
min. Earth dist.	-460 Feb 21 j 17:34	20°♒57'38	0.60100 AU
morning rise	-460 Feb 25 j 09:44	18°♒14'24	
direct	-460 Mar 03 j 00:41	16°♒11'36	
desc. node	-460 Mar 06 j 09:48	16°♒41'53	
morning max el	-460 Mar 17 j 07:09	23°♒58'06	27°24'58
	-460 Mar 22 j 18:17	0°♓	
	-460 Apr 11 j 01:44	0°♈	
morning set	-460 Apr 17 j 17:08	13°♈06'58	
asc. node	-460 Apr 23 j 09:56	25°♈17'20	
max. Earth dist.	-460 Apr 24 j 05:39	27°♈05'04	1.32370 AU
superior conj	-460 Apr 24 j 21:55	28°♈34'13	0°15'50
minimum elong	-460 Apr 24 j 21:12	28°♈30'20	0°15'40
behind sun begin	-460 Apr 24 j 20:33	28°♈26'43	
behind sun end	-460 Apr 24 j 21:52	28°♈33'56	
	-460 Apr 25 j 13:34	0°♉	
evening rise	-460 May 01 j 20:33	13°♉37'27	
	-460 May 10 j 03:36	0°♊	
evening max el	-460 May 29 j 12:23	27°♊15'54	25°43'05
	-460 Jun 01 j 15:56	0°♋	
desc. node	-460 Jun 02 j 09:01	0°♋32'18	
retrograde	-460 Jun 12 j 13:49	4°♋28'09	
evening set	-460 Jun 18 j 11:46	3°♋04'41	
min. Earth dist.	-460 Jun 23 j 00:43	0°♋23'54	0.58465 AU
	-460 Jun 23 j 14:21	30°℞♊	
inferior conj	-460 Jun 26 j 07:19	28°♊02'12	-4°-41'-29

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-460 Jun	26 j 06:26	28°♊03'47	4°41'28
morning rise	-460 Jul	04 j 04:54	23°♊40'24	
direct	-460 Jul	06 j 16:44	23°♊20'27	
morning max el	-460 Jul	14 j 22:19	27°♊13'59	18°42'05
	-460 Jul	17 j 11:51	0°♋	
asc. node	-460 Jul	20 j 09:09	3°♋53'12	
morning set	-460 Jul	31 j 06:03	23°♋13'30	
	-460 Aug	03 j 17:27	0°♌	
superior conj	-460 Aug	09 j 00:25	10°♌09'27	1°45'04
minimum elong	-460 Aug	09 j 01:59	10°♌16'47	1°45'01
max. Earth dist.	-460 Aug	16 j 02:56	23°♌07'49	1.39461 AU
evening rise	-460 Aug	20 j 05:42	0°♍14'51	
	-460 Aug	20 j 02:12	0°♍	
desc. node	-460 Aug	29 j 08:21	15°♍02'13	
	-460 Sep	08 j 10:16	0°♎	
evening max el	-460 Sep	24 j 10:24	19°♎54'33	24°04'47
retrograde	-460 Oct	05 j 10:41	26°♎22'56	
evening set	-460 Oct	10 j 16:31	24°♎11'58	
min. Earth dist.	-460 Oct	15 j 12:08	18°♎37'31	0.67495 AU
inferior conj	-460 Oct	16 j 02:41	17°♎48'14	0°-4'-52
minimum elong	-460 Oct	16 j 02:48	17°♎47'51	0°04'51
transit middle	-460 Oct	16 j 02:48	17°♎47'51	0°04'51
transit begin	-460 Oct	16 j 00:12	17°♎56'39	
transit end	-460 Oct	16 j 05:25	17°♎39'02	
asc. node	-460 Oct	16 j 08:21	17°♎29'04	
morning rise	-460 Oct	21 j 13:19	11°♎39'39	
direct	-460 Oct	25 j 09:43	10°♎15'16	
morning max el	-460 Nov	02 j 11:36	14°♎56'50	20°37'34
greatest brilliancy	-460 Nov	08 j 14:20	22°♎11'15	-0.5m
	-460 Nov	14 j 06:14	0°♏	
desc. node	-460 Nov	25 j 07:40	16°♏24'33	
morning set	-460 Dec	01 j 03:36	25°♏22'29	
	-460 Dec	04 j 02:40	0°♐	
max. Earth dist.	-460 Dec	10 j 12:53	10°♐13'59	1.43161 AU
superior conj	-460 Dec	17 j 00:21	20°♐52'21	-1°-53'-3
minimum elong	-460 Dec	16 j 19:35	20°♐32'25	1°52'49
	-460 Dec	22 j 09:33	0°♑	
evening rise	-460 Dec	29 j 05:33	11°♑55'50	
	-459 Jan	08 j 18:20	0°♒	
asc. node	-459 Jan	12 j 07:39	5°♒11'58	
evening max el	-459 Jan	15 j 09:47	8°♒49'15	18°08'21
retrograde	-459 Jan	21 j 22:58	12°♒14'37	
evening set	-459 Jan	24 j 16:22	11°♒38'23	
inferior conj	-459 Jan	31 j 02:54	6°♒29'13	3°51'53
minimum elong	-459 Jan	31 j 02:51	6°♒29'23	3°51'52
min. Earth dist.	-459 Feb	03 j 00:12	3°♒33'23	0.62153 AU
morning rise	-459 Feb	06 j 11:03	0°♒34'11	
	-459 Feb	07 j 07:00	30°℞♑	
direct	-459 Feb	13 j 10:41	28°♑01'12	
	-459 Feb	20 j 01:31	0°♒	
desc. node	-459 Feb	21 j 06:52	0°♒44'36	
morning max el	-459 Feb	27 j 11:18	5°♒52'28	27°46'46
	-459 Mar	17 j 16:45	0°♓	
morning set	-459 Apr	01 j 20:37	27°♓35'54	
	-459 Apr	03 j 00:46	0°♈	
max. Earth dist.	-459 Apr	07 j 15:27	9°♈44'29	1.32672 AU
superior conj	-459 Apr	09 j 07:59	13°♈23'38	0°-10'-7
minimum elong	-459 Apr	09 j 08:27	13°♈26'13	0°10'02
behind sun begin	-459 Apr	09 j 04:26	13°♈04'26	
behind sun end	-459 Apr	09 j 12:28	13°♈48'02	
asc. node	-459 Apr	10 j 06:58	15°♈28'39	
evening rise	-459 Apr	16 j 08:15	28°♈32'51	
	-459 Apr	17 j 00:48	0°♉	
	-459 May	04 j 04:15	0°♊	
evening max el	-459 May	11 j 04:04	8°♊05'04	24°16'16
desc. node	-459 May	20 j 06:03	14°♊11'56	
retrograde	-459 May	25 j 01:14	15°♊04'29	
evening set	-459 May	29 j 14:39	14°♊18'09	
min. Earth dist.	-459 Jun	04 j 15:29	11°♊18'58	0.56648 AU
inferior conj	-459 Jun	07 j 06:27	9°♊39'51	-4°-13'-56
minimum elong	-459 Jun	07 j 01:04	9°♊48'24	4°13'04
morning rise	-459 Jun	15 j 15:16	5°♊37'01	
direct	-459 Jun	18 j 05:42	5°♊18'52	
morning max el	-459 Jun	27 j 19:44	9°♊45'43	19°37'08
asc. node	-459 Jul	07 j 06:13	22°♊24'52	
	-459 Jul	11 j 10:30	0°♋	
morning set	-459 Jul	15 j 07:24	7°♋36'35	
superior conj	-459 Jul	23 j 08:24	23°♋45'56	1°47'08
minimum elong	-459 Jul	23 j 08:00	23°♋43'56	1°47'09
	-459 Jul	26 j 13:15	0°♌	
max. Earth dist.	-459 Jul	29 j 06:13	5°♌07'07	1.37490 AU
evening rise	-459 Aug	02 j 02:58	12°♌10'14	
	-459 Aug	12 j 17:29	0°♍	
desc. node	-459 Aug	16 j 05:21	5°♍25'14	
	-459 Sep	03 j 13:45	0°♎	
evening max el	-459 Sep	06 j 22:00	3°♎30'27	25°20'37
retrograde	-459 Sep	18 j 21:51	10°♎25'25	
evening set	-459 Sep	24 j 18:32	7°♎57'46	
min. Earth dist.	-459 Sep	29 j 05:46	2°♎58'50	0.67034 AU
inferior conj	-459 Sep	30 j 07:03	1°♎36'44	-1°00'-17
minimum elong	-459 Sep	30 j 08:33	1°♎31'51	0°59'40
	-459 Oct	01 j 13:15	30°℞♍	
asc. node	-459 Oct	03 j 05:25	28°♍01'25	
morning rise	-459 Oct	05 j 23:09	25°♍35'57	
direct	-459 Oct	09 j 08:04	24°♍30'10	
morning max el	-459 Oct	16 j 14:42	28°♍38'41	19°32'42
	-459 Oct	17 j 21:12	0°♎	
greatest brilliancy	-459 Oct	25 j 08:04	9°♎45'09	-0.7m
	-459 Nov	07 j 17:27	0°♏	
morning set	-459 Nov	10 j 02:18	3°♏40'03	
desc. node	-459 Nov	12 j 04:41	6°♏55'37	
max. Earth dist.	-459 Nov	23 j 02:05	24°♏00'14	1.44418 AU
superior conj	-459 Nov	26 j 22:04	0°♐06'38	-1°-26'-59
minimum elong	-459 Nov	26 j 13:57	29°♏34'08	1°26'13
	-459 Nov	26 j 20:24	0°♐	
evening rise	-459 Dec	11 j 00:50	23°♐16'16	
	-459 Dec	15 j 01:00	0°♑	
evening max el	-459 Dec	29 j 22:19	22°♑08'22	18°22'32
asc. node	-459 Dec	30 j 04:43	22°♑24'21	
retrograde	-458 Jan	05 j 10:48	25°♑41'39	
evening set	-458 Jan	08 j 08:49	24°♑55'30	
inferior conj	-458 Jan	14 j 09:54	19°♑26'27	3°43'30
minimum elong	-458 Jan	14 j 08:09	19°♑31'25	3°43'18
min. Earth dist.	-458 Jan	16 j 16:15	16°♑52'11	0.63973 AU
morning rise	-458 Jan	20 j 06:01	13°♑22'17	
direct	-458 Jan	27 j 04:16	10°♑33'31	
desc. node	-458 Feb	08 j 03:55	16°♑47'38	
morning max el	-458 Feb	09 j 19:30	18°♑22'30	27°32'09
	-458 Feb	19 j 15:23	0°♒	
	-458 Mar	10 j 13:38	0°♓	
morning set	-458 Mar	16 j 16:40	11°♓38'11	
max. Earth dist.	-458 Mar	21 j 18:27	21°♓57'53	1.33379 AU
superior conj	-458 Mar	24 j 14:34	27°♓57'41	0°-36'-47
minimum elong	-458 Mar	24 j 16:20	28°♓07'03	0°36'26
	-458 Mar	25 j 13:28	0°♈	
asc. node	-458 Mar	28 j 04:01	5°♈35'34	
evening rise	-458 Mar	31 j 19:45	13°♈22'37	
	-458 Apr	09 j 07:32	0°♉	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening max el	-458 Apr 22 j 19:43	18°♉40'21	22°41'02
retrograde	-458 May 05 j 23:38	25°♉10'29	
desc. node	-458 May 07 j 03:06	25°♉07'34	
evening set	-458 May 09 j 04:16	24°♉48'09	
min. Earth dist.	-458 May 17 j 04:12	21°♉18'33	0.55406 AU
inferior conj	-458 May 18 j 10:59	20°♉34'35	-3°-1'-46
minimum elong	-458 May 18 j 03:57	20°♉44'39	2°59'47
morning rise	-458 May 27 j 06:10	16°♉40'49	
direct	-458 May 30 j 01:07	16°♉22'44	
morning max el	-458 Jun 10 j 06:14	21°♉35'37	20°52'40
	-458 Jun 17 j 06:40	0°♊	
asc. node	-458 Jun 24 j 03:17	11°♊30'25	
morning set	-458 Jun 29 j 14:15	22°♊17'33	
	-458 Jul 03 j 07:27	0°♋	
superior conj	-458 Jul 07 j 03:33	7°♋56'54	1°41'27
minimum elong	-458 Jul 07 j 01:49	7°♋47'58	1°41'21
max. Earth dist.	-458 Jul 11 j 14:56	16°♋57'16	1.35731 AU
evening rise	-458 Jul 15 j 20:21	25°♋04'40	
	-458 Jul 18 j 12:28	0°♌	
desc. node	-458 Aug 03 j 02:24	25°♌29'58	
	-458 Aug 06 j 05:47	0°♍	
evening max el	-458 Aug 20 j 09:45	17°♍06'38	26°24'19
retrograde	-458 Sep 02 j 04:03	24°♍18'08	
evening set	-458 Sep 08 j 14:58	21°♍37'50	
min. Earth dist.	-458 Sep 12 j 18:20	17°♍16'29	0.66231 AU
inferior conj	-458 Sep 14 j 07:21	15°♍23'31	-1°-55'-56
minimum elong	-458 Sep 14 j 10:15	15°♍14'37	1°54'49
morning rise	-458 Sep 20 j 06:33	9°♍33'45	
asc. node	-458 Sep 20 j 02:29	9°♍39'38	
direct	-458 Sep 23 j 06:12	8°♍43'09	
morning max el	-458 Sep 30 j 00:27	12°♍28'26	18°43'10
	-458 Oct 12 j 15:50	0°♎	
morning set	-458 Oct 20 j 21:32	13°♎03'59	
desc. node	-458 Oct 30 j 01:43	27°♎35'41	
	-458 Oct 31 j 14:21	0°♏	
superior conj	-458 Nov 06 j 00:47	8°♏32'59	0°-44'-26
minimum elong	-458 Nov 05 j 19:04	8°♏10'32	0°43'44
max. Earth dist.	-458 Nov 05 j 20:06	8°♏14'36	1.44989 AU
	-458 Nov 19 j 14:09	0°♐	
evening rise	-458 Nov 21 j 20:55	3°♐38'48	
	-458 Dec 08 j 19:50	0°♑	
evening max el	-458 Dec 13 j 09:08	5°♑33'28	18°54'32
asc. node	-458 Dec 17 j 01:46	8°♑32'00	
retrograde	-458 Dec 20 j 04:51	9°♑25'11	
evening set	-458 Dec 23 j 08:35	8°♑27'51	
inferior conj	-458 Dec 29 j 02:49	2°♑41'18	3°20'27
minimum elong	-458 Dec 29 j 00:11	2°♑49'28	3°19'55
min. Earth dist.	-458 Dec 30 j 17:55	0°♑40'16	0.65438 AU
	-458 Dec 31 j 07:16	30°℞♐	
morning rise	-457 Jan 03 j 14:49	26°♐30'56	
direct	-457 Jan 10 j 04:27	23°♐41'04	
	-457 Jan 21 j 20:55	0°♑	
morning max el	-457 Jan 23 j 05:17	1°♑18'34	26°45'43
desc. node	-457 Jan 26 j 00:57	4°♑18'01	
	-457 Feb 13 j 17:19	0°♒	
morning set	-457 Feb 28 j 01:58	25°♒03'42	
	-457 Mar 02 j 15:15	0°♓	
max. Earth dist.	-457 Mar 04 j 11:06	3°♓37'16	1.34525 AU
superior conj	-457 Mar 08 j 15:38	12°♓09'59	-1°-2'-59
minimum elong	-457 Mar 08 j 18:34	12°♓25'13	1°02'29
asc. node	-457 Mar 15 j 01:05	25°♓33'58	
evening rise	-457 Mar 16 j 05:16	28°♓00'40	
	-457 Mar 17 j 04:23	0°♈	
evening max el	-457 Apr 04 j 18:05	29°♈31'06	21°11'23
	-457 Apr 05 j 06:21	0°♉	
retrograde	-457 Apr 16 j 13:38	5°♉14'43	
evening set	-457 Apr 18 j 21:48	5°♉02'00	
desc. node	-457 Apr 24 j 00:09	3°♉18'05	
inferior conj	-457 Apr 28 j 05:34	1°♉02'56	-1°-12'-12
minimum elong	-457 Apr 28 j 02:10	1°♉07'44	1°11'01
min. Earth dist.	-457 Apr 28 j 17:07	0°♉46'39	0.55013 AU
	-457 Apr 30 j 02:35	30°℞♈	
morning rise	-457 May 07 j 06:22	27°♈00'34	
direct	-457 May 10 j 11:29	26°♈38'13	
	-457 May 19 j 22:20	0°♉	
morning max el	-457 May 23 j 06:06	2°♉43'44	22°25'00
	-457 Jun 10 j 11:59	0°♊	
asc. node	-457 Jun 11 j 00:20	1°♊01'22	
morning set	-457 Jun 14 j 00:29	7°♊10'14	
superior conj	-457 Jun 21 j 06:23	22°♊31'52	1°29'43
minimum elong	-457 Jun 21 j 03:58	22°♊19'10	1°29'27
max. Earth dist.	-457 Jun 24 j 08:34	28°♊59'44	1.34317 AU
	-457 Jun 24 j 20:16	0°♋	
evening rise	-457 Jun 29 j 04:57	8°♋44'48	
	-457 Jul 11 j 00:31	0°♌	
desc. node	-457 Jul 20 j 23:27	15°♌07'55	
	-457 Aug 02 j 07:34	0°♍	
evening max el	-457 Aug 02 j 21:30	0°♍33'54	27°08'11
retrograde	-457 Aug 16 j 04:56	7°♍53'07	
evening set	-457 Aug 23 j 03:20	5°♍07'47	
min. Earth dist.	-457 Aug 26 j 23:27	1°♍24'05	0.65064 AU
	-457 Aug 28 j 05:29	30°℞♌	
inferior conj	-457 Aug 29 j 01:21	29°♌03'47	-2°-49'-48
minimum elong	-457 Aug 29 j 05:27	28°♌52'15	2°48'26
morning rise	-457 Sep 04 j 09:08	23°♌28'19	
asc. node	-457 Sep 06 j 23:32	22°♌49'21	
direct	-457 Sep 07 j 01:53	22°♌49'18	
morning max el	-457 Sep 13 j 14:32	26°♌20'31	18°10'09
	-457 Sep 16 j 17:52	0°♍	
morning set	-457 Oct 01 j 21:14	23°♍51'39	
	-457 Oct 05 j 14:21	0°♎	
superior conj	-457 Oct 16 j 04:38	17°♎08'41	0°04'59
minimum elong	-457 Oct 16 j 05:15	17°♎11'09	0°04'54
behind sun begin	-457 Oct 15 j 18:49	16°♎29'36	
behind sun end	-457 Oct 16 j 15:41	17°♎52'39	
desc. node	-457 Oct 16 j 22:45	18°♎20'43	
max. Earth dist.	-457 Oct 19 j 14:54	22°♎34'38	1.44818 AU
	-457 Oct 24 j 08:18	0°♏	
evening rise	-457 Nov 01 j 18:08	13°♏05'59	
	-457 Nov 12 j 17:22	0°♐	
greatest brilliancy	-457 Nov 18 j 19:21	9°♐00'52	-0.6m
evening max el	-457 Nov 26 j 16:01	19°♐00'34	19°43'00
asc. node	-457 Dec 03 j 22:49	23°♐19'28	
retrograde	-457 Dec 04 j 01:54	23°♐19'34	
evening set	-457 Dec 07 j 13:03	22°♐09'17	
inferior conj	-457 Dec 13 j 02:37	16°♐08'19	2°46'48
minimum elong	-457 Dec 12 j 23:47	16°♐17'38	2°45'59
min. Earth dist.	-457 Dec 14 j 03:49	14°♐45'22	0.66519 AU
morning rise	-457 Dec 18 j 09:50	9°♐54'04	
direct	-457 Dec 24 j 10:30	7°♐14'44	
morning max el	-456 Jan 05 j 14:27	14°♐27'59	25°35'33
desc. node	-456 Jan 12 j 21:59	22°♐49'57	
	-456 Jan 18 j 07:54	0°♑	
	-456 Feb 06 j 12:46	0°♒	
morning set	-456 Feb 10 j 19:57	7°♒38'55	
max. Earth dist.	-456 Feb 14 j 15:50	14°♒46'10	1.36117 AU
superior conj	-456 Feb 20 j 08:27	25°♒52'37	-1°-27'-7
minimum elong	-456 Feb 20 j 12:09	26°♒11'09	1°26'38

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-456 Feb 22 j 09:34	0°♓	
evening rise	-456 Feb 28 j 10:42	12°♓20'17	
asc. node	-456 Feb 29 j 22:08	15°♓19'03	
	-456 Mar 08 j 20:08	0°♈	
evening max el	-456 Mar 17 j 03:19	10°♈56'29	19°56'35
retrograde	-456 Mar 27 j 06:00	15°♈47'17	
evening set	-456 Mar 29 j 08:58	15°♈35'23	
inferior conj	-456 Apr 07 j 04:30	11°♈34'56	0°45'36
minimum elong	-456 Apr 07 j 06:28	11°♈31'55	0°44'54
min. Earth dist.	-456 Apr 09 j 07:18	10°♈17'32	0.55572 AU
desc. node	-456 Apr 09 j 21:10	9°♈56'58	
morning rise	-456 Apr 16 j 00:57	7°♈05'51	
direct	-456 Apr 20 j 02:38	6°♈29'18	
morning max el	-456 May 03 j 22:43	13°♈21'53	24°05'41
	-456 May 16 j 18:34	0°♉	
asc. node	-456 May 27 j 21:24	20°♉50'50	
morning set	-456 May 28 j 12:20	22°♉09'03	
	-456 Jun 01 j 04:28	0°♊	
superior conj	-456 Jun 04 j 14:13	7°♊22'30	1°13'17
minimum elong	-456 Jun 04 j 11:44	7°♊09'05	1°12'54
max. Earth dist.	-456 Jun 06 j 11:18	11°♊24'48	1.33288 AU
evening rise	-456 Jun 12 j 00:31	22°♊58'38	
	-456 Jun 15 j 14:09	0°♋	
	-456 Jul 03 j 18:06	0°♌	
desc. node	-456 Jul 06 j 20:28	4°♌07'55	
evening max el	-456 Jul 15 j 08:01	13°♌41'39	27°25'23
retrograde	-456 Jul 29 j 00:07	21°♌01'59	
evening set	-456 Aug 05 j 04:31	18°♌23'03	
min. Earth dist.	-456 Aug 08 j 19:24	15°♌13'01	0.63534 AU
inferior conj	-456 Aug 11 j 10:32	12°♌32'40	-3°-38'-46
minimum elong	-456 Aug 11 j 15:12	12°♌20'47	3°37'33
morning rise	-456 Aug 18 j 04:04	7°♌14'35	
direct	-456 Aug 20 j 16:24	6°♌43'51	
asc. node	-456 Aug 23 j 20:34	7°♌33'26	
morning max el	-456 Aug 27 j 06:15	10°♌09'22	17°54'33
	-456 Sep 09 j 13:17	0°♍	
morning set	-456 Sep 12 j 22:27	5°♍52'53	
superior conj	-456 Sep 25 j 05:11	26°♍47'49	0°48'58
minimum elong	-456 Sep 25 j 09:50	27°♍07'01	0°48'22
	-456 Sep 27 j 03:57	0°♎	
max. Earth dist.	-456 Oct 01 j 07:19	6°♎42'02	1.43944 AU
desc. node	-456 Oct 02 j 19:47	9°♎07'38	
evening rise	-456 Oct 11 j 01:33	22°♎01'50	
	-456 Oct 16 j 06:31	0°♏	
greatest brilliancy	-456 Nov 02 j 23:28	25°♏38'37	-0.5m
	-456 Nov 06 j 11:33	0°♐	
evening max el	-456 Nov 08 j 17:35	2°♐28'38	20°45'42
retrograde	-456 Nov 16 j 23:31	7°♐21'27	
asc. node	-456 Nov 19 j 19:50	6°♐35'22	
evening set	-456 Nov 20 j 20:07	5°♐56'12	
inferior conj	-456 Nov 26 j 06:49	29°♏44'14	2°05'17
minimum elong	-456 Nov 26 j 04:20	29°♏52'42	2°04'25
	-456 Nov 26 j 02:12	30°℞♏	
min. Earth dist.	-456 Nov 26 j 19:43	29°♏00'11	0.67226 AU
morning rise	-456 Dec 01 j 12:06	23°♏28'27	
direct	-456 Dec 06 j 21:50	21°♏07'20	
morning max el	-456 Dec 17 j 22:51	27°♏42'41	24°11'37
	-456 Dec 20 j 02:45	0°♐	
desc. node	-456 Dec 29 j 19:02	12°♐05'46	
	-455 Jan 11 j 00:49	0°♑	
morning set	-455 Jan 22 j 16:43	19°♑07'46	
max. Earth dist.	-455 Jan 26 j 11:56	25°♑49'49	1.38081 AU
	-455 Jan 28 j 19:04	0°♒	
superior conj	-455 Feb 02 j 13:36	8°♒56'43	-1°-46'-53
minimum elong	-455 Feb 02 j 17:09	9°♒13'43	1°46'36
evening rise	-455 Feb 11 j 09:41	26°♒14'58	
	-455 Feb 13 j 07:37	0°♓	
asc. node	-455 Feb 15 j 19:10	4°♓45'23	
evening max el	-455 Feb 27 j 23:26	23°♓00'02	19°00'38
retrograde	-455 Mar 08 j 12:06	27°♓06'31	
evening set	-455 Mar 10 j 18:17	26°♓50'27	
inferior conj	-455 Mar 18 j 19:44	22°♓35'38	2°20'43
minimum elong	-455 Mar 19 j 00:08	22°♓27'54	2°19'31
min. Earth dist.	-455 Mar 21 j 23:10	20°♓24'13	0.56971 AU
morning rise	-455 Mar 27 j 01:49	17°♓33'58	
desc. node	-455 Mar 27 j 18:12	17°♓18'26	
direct	-455 Apr 01 j 06:56	16°♓29'30	
morning max el	-455 Apr 15 j 13:30	23°♓53'01	25°41'06
	-455 Apr 21 j 02:30	0°♈	
	-455 May 09 j 12:49	0°♉	
morning set	-455 May 13 j 00:06	7°♉07'18	
asc. node	-455 May 14 j 18:26	10°♉52'15	
superior conj	-455 May 20 j 00:54	22°♉20'24	0°53'07
minimum elong	-455 May 19 j 22:49	22°♉09'00	0°52'44
max. Earth dist.	-455 May 20 j 20:44	24°♉08'44	1.32645 AU
	-455 May 23 j 13:32	0°♊	
evening rise	-455 May 27 j 03:40	7°♊34'29	
	-455 Jun 08 j 01:35	0°♋	
desc. node	-455 Jun 23 j 17:29	22°♋13'04	
evening max el	-455 Jun 27 j 15:01	26°♋16'34	27°11'01
	-455 Jul 02 j 02:11	0°♌	
retrograde	-455 Jul 11 j 12:29	3°♌34'20	
evening set	-455 Jul 18 j 14:28	1°♌15'43	
	-455 Jul 20 j 09:13	30°℞♋	
min. Earth dist.	-455 Jul 22 j 05:10	28°♋29'43	0.61684 AU
inferior conj	-455 Jul 25 j 07:44	25°♋42'00	-4°-18'-10
minimum elong	-455 Jul 25 j 11:45	25°♋32'55	4°17'31
morning rise	-455 Aug 01 j 11:49	20°♋44'16	
direct	-455 Aug 03 j 22:21	20°♋19'03	
asc. node	-455 Aug 10 j 17:38	23°♋40'04	
morning max el	-455 Aug 10 j 20:36	23°♋47'16	17°57'24
	-455 Aug 15 j 20:18	0°♌	
morning set	-455 Aug 26 j 19:12	18°♌50'12	
	-455 Sep 01 j 23:03	0°♍	
superior conj	-455 Sep 06 j 09:09	7°♍47'46	1°20'46
minimum elong	-455 Sep 06 j 13:54	8°♍08'24	1°20'16
max. Earth dist.	-455 Sep 13 j 19:17	20°♍21'11	1.42483 AU
desc. node	-455 Sep 19 j 16:48	29°♍52'55	
	-455 Sep 19 j 18:35	0°♎	
evening rise	-455 Sep 20 j 12:40	1°♎11'28	
	-455 Oct 09 j 19:57	0°♏	
greatest brilliancy	-455 Oct 17 j 19:22	10°♏34'27	-0.4m
evening max el	-455 Oct 22 j 13:25	15°♏57'32	21°59'15
retrograde	-455 Oct 31 j 19:45	21°♏28'02	
evening set	-455 Nov 05 j 03:58	19°♏45'43	
asc. node	-455 Nov 06 j 16:51	18°♏20'00	
inferior conj	-455 Nov 10 j 13:21	13°♏26'21	1°17'55
minimum elong	-455 Nov 10 j 11:39	13°♏32'16	1°17'14
min. Earth dist.	-455 Nov 10 j 15:11	13°♏20'01	0.67586 AU
morning rise	-455 Nov 15 j 19:06	7°♏11'29	
direct	-455 Nov 20 j 13:34	5°♏12'25	
morning max el	-455 Nov 30 j 08:55	11°♏01'38	22°43'57
greatest brilliancy	-455 Dec 05 j 00:39	16°♏14'17	-0.3m
	-455 Dec 15 j 08:33	0°♐	
desc. node	-455 Dec 16 j 16:04	1°♐52'50	
morning set	-454 Jan 03 j 10:12	29°♐15'06	
	-454 Jan 03 j 21:06	0°♑	
max. Earth dist.	-454 Jan 08 j 07:40	7°♑27'08	1.40205 AU

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-454 Jan 16 j 02:37	21°♑10'55	-1°-59'-8
minimum elong	-454 Jan 16 j 04:26	21°♑19'10	1°59'06
	-454 Jan 20 j 21:09	0°♒	
evening rise	-454 Jan 25 j 23:17	9°♒37'41	
asc. node	-454 Feb 02 j 16:12	23°♒46'41	
	-454 Feb 06 j 14:03	0°♓	
evening max el	-454 Feb 11 j 04:00	5°♓35'53	18°24'40
retrograde	-454 Feb 18 j 13:14	9°♓14'18	
evening set	-454 Feb 21 j 00:09	8°♓51'20	
inferior conj	-454 Feb 28 j 07:59	4°♓15'46	3°20'30
minimum elong	-454 Feb 28 j 11:27	4°♓08'37	3°19'54
min. Earth dist.	-454 Mar 03 j 18:22	1°♓28'16	0.58900 AU
	-454 Mar 05 j 18:51	30°℞♒	
morning rise	-454 Mar 07 j 19:04	28°♒46'56	
direct	-454 Mar 14 j 00:22	27°♒05'35	
desc. node	-454 Mar 14 j 15:14	27°♒06'35	
	-454 Mar 22 j 12:46	0°♓	
morning max el	-454 Mar 28 j 08:02	4°♓45'21	26°56'00
	-454 Apr 15 j 20:58	0°♈	
morning set	-454 Apr 27 j 10:08	21°♈59'23	
	-454 May 01 j 04:17	0°♉	
asc. node	-454 May 01 j 15:30	1°♉00'56	
superior conj	-454 May 04 j 12:39	7°♉19'27	0°30'05
minimum elong	-454 May 04 j 11:21	7°♉12'19	0°29'49
max. Earth dist.	-454 May 04 j 09:26	7°♉01'47	1.32371 AU
evening rise	-454 May 11 j 11:48	22°♉23'43	
	-454 May 15 j 05:06	0°♊	
	-454 Jun 02 j 10:41	0°♋	
evening max el	-454 Jun 09 j 16:03	8°♋08'15	26°23'39
desc. node	-454 Jun 10 j 14:30	9°♋00'21	
retrograde	-454 Jun 23 j 16:30	15°♋22'23	
evening set	-454 Jun 30 j 04:37	13°♋36'42	
min. Earth dist.	-454 Jul 04 j 05:08	10°♋59'23	0.59643 AU
inferior conj	-454 Jul 07 j 13:22	8°♋22'23	-4°-40'-31
minimum elong	-454 Jul 07 j 14:51	8°♋19'27	4°40'27
morning rise	-454 Jul 15 j 04:28	3°♋47'19	
direct	-454 Jul 17 j 15:32	3°♋25'39	
morning max el	-454 Jul 25 j 06:39	7°♋06'19	18°19'54
asc. node	-454 Jul 28 j 14:41	10°♋54'03	
	-454 Aug 08 j 22:44	0°♌	
morning set	-454 Aug 10 j 06:07	2°♌28'59	
superior conj	-454 Aug 19 j 13:43	20°♌00'58	1°39'31
minimum elong	-454 Aug 19 j 16:34	20°♌14'01	1°39'20
	-454 Aug 25 j 03:41	0°♍	
max. Earth dist.	-454 Aug 27 j 02:09	3°♍21'00	1.40621 AU
evening rise	-454 Aug 31 j 19:08	11°♍15'45	
desc. node	-454 Sep 06 j 13:49	20°♍33'04	
	-454 Sep 12 j 17:50	0°♎	
evening max el	-454 Oct 05 j 04:21	29°♎28'05	23°18'44
	-454 Oct 05 j 17:15	0°♏	
retrograde	-454 Oct 15 j 13:14	5°♏36'10	
evening set	-454 Oct 20 j 10:54	3°♏35'31	
	-454 Oct 23 j 18:31	30°℞♎	
asc. node	-454 Oct 24 j 13:54	28°♎56'16	
inferior conj	-454 Oct 25 j 20:24	27°♎12'21	0°26'15
minimum elong	-454 Oct 25 j 19:46	27°♎14'28	0°25'58
min. Earth dist.	-454 Oct 25 j 11:45	27°♎42'00	0.67624 AU
morning rise	-454 Oct 31 j 04:43	21°♎00'55	
direct	-454 Nov 04 j 08:45	19°♎24'26	
morning max el	-454 Nov 13 j 00:17	24°♎28'21	21°20'51
	-454 Nov 17 j 20:29	0°♏	
greatest brilliancy	-454 Nov 18 j 05:24	0°♏27'56	-0.4m
desc. node	-454 Dec 03 j 13:05	22°♏01'42	
	-454 Dec 08 j 19:16	0°♐	
morning set	-454 Dec 13 j 23:07	8°♐01'36	
max. Earth dist.	-454 Dec 21 j 09:40	19°♐59'33	1.42196 AU
	-454 Dec 27 j 09:07	0°♑	
superior conj	-454 Dec 28 j 17:56	2°♑20'37	-1°-59'-46
minimum elong	-454 Dec 28 j 15:57	2°♑12'04	1°59'44
evening rise	-453 Jan 08 j 23:49	22°♑19'29	
	-453 Jan 13 j 05:47	0°♒	
asc. node	-453 Jan 20 j 13:14	12°♒14'06	
evening max el	-453 Jan 25 j 13:55	18°♒34'19	18°08'38
retrograde	-453 Feb 01 j 07:27	22°♒00'39	
evening set	-453 Feb 03 j 22:31	21°♒29'31	
inferior conj	-453 Feb 10 j 15:49	16°♒32'05	3°47'50
minimum elong	-453 Feb 10 j 17:02	16°♒29'13	3°47'46
min. Earth dist.	-453 Feb 13 j 19:59	13°♒32'39	0.60994 AU
morning rise	-453 Feb 17 j 08:46	10°♒44'23	
direct	-453 Feb 24 j 04:39	8°♒27'41	
desc. node	-453 Mar 01 j 12:17	9°♒42'51	
morning max el	-453 Mar 10 j 08:59	16°♒16'12	27°38'52
	-453 Mar 21 j 16:03	0°♓	
	-453 Apr 08 j 09:21	0°♈	
morning set	-453 Apr 11 j 16:36	6°♈38'36	
max. Earth dist.	-453 Apr 17 j 21:34	19°♈50'30	1.32456 AU
superior conj	-453 Apr 18 j 23:46	22°♈13'31	0°04'58
minimum elong	-453 Apr 18 j 23:33	22°♈12'17	0°04'56
behind sun begin	-453 Apr 18 j 18:43	21°♈45'51	
behind sun end	-453 Apr 19 j 04:23	22°♈38'43	
asc. node	-453 Apr 18 j 12:33	21°♈12'14	
	-453 Apr 22 j 13:08	0°♉	
evening rise	-453 Apr 25 j 22:44	7°♉18'26	
	-453 May 07 j 20:44	0°♊	
evening max el	-453 May 22 j 10:14	19°♊15'30	25°08'04
desc. node	-453 May 28 j 11:31	23°♊58'51	
retrograde	-453 Jun 05 j 10:33	26°♊23'34	
evening set	-453 Jun 10 j 19:51	25°♊16'35	
min. Earth dist.	-453 Jun 15 j 21:53	22°♊29'57	0.57643 AU
inferior conj	-453 Jun 19 j 00:04	20°♊24'16	-4°-34'-52
minimum elong	-453 Jun 18 j 21:13	20°♊29'09	4°34'38
morning rise	-453 Jun 27 j 02:27	16°♊11'33	
direct	-453 Jun 29 j 15:28	15°♊52'24	
morning max el	-453 Jul 08 j 09:28	19°♊57'55	19°03'04
asc. node	-453 Jul 15 j 11:46	29°♊00'58	
	-453 Jul 16 j 02:30	0°♋	
morning set	-453 Jul 25 j 03:08	16°♋38'28	
	-453 Jul 31 j 21:38	0°♌	
superior conj	-453 Aug 02 j 13:18	3°♌11'59	1°47'01
minimum elong	-453 Aug 02 j 13:57	3°♌15'09	1°47'01
max. Earth dist.	-453 Aug 09 j 05:23	15°♌38'46	1.38603 AU
evening rise	-453 Aug 13 j 02:39	22°♌31'17	
	-453 Aug 17 j 12:37	0°♍	
desc. node	-453 Aug 24 j 10:51	11°♍04'10	
	-453 Sep 06 j 15:05	0°♎	
evening max el	-453 Sep 17 j 16:21	13°♎01'57	24°37'56
retrograde	-453 Sep 29 j 03:00	19°♎42'52	
evening set	-453 Oct 04 j 15:16	17°♎24'10	
min. Earth dist.	-453 Oct 09 j 07:07	12°♎04'51	0.67342 AU
inferior conj	-453 Oct 10 j 02:15	11°♎01'06	0°-28'-12
minimum elong	-453 Oct 10 j 02:57	10°♎58'47	0°27'56
asc. node	-453 Oct 11 j 10:56	9°♎13'45	
morning rise	-453 Oct 15 j 15:01	4°♎55'44	
direct	-453 Oct 19 j 06:15	3°♎39'48	
morning max el	-453 Oct 26 j 23:10	8°♎05'59	20°08'17
greatest brilliancy	-453 Nov 02 j 22:54	16°♎35'54	-0.6m
	-453 Nov 12 j 05:35	0°♏	
desc. node	-453 Nov 20 j 10:08	12°♏26'36	
morning set	-453 Nov 22 j 20:06	16°♏10'03	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-453 Dec	01 j 16:10	0°♐			-452 Oct	15 j 18:24	0°♎	
max. Earth dist.	-453 Dec	03 j 19:09	3°♐23'09	1.43776 AU	morning set	-452 Nov	01 j 01:27	24°♎50'30	
						-452 Nov	04 j 08:36	0°♏	
superior conj	-453 Dec	09 j 06:58	12°♐16'30	-1°-44'-16	desc. node	-452 Nov	06 j 07:11	3°♏02'15	
minimum elong	-453 Dec	09 j 00:19	11°♐49'17	1°43'48	max. Earth dist.	-452 Nov	15 j 10:14	17°♏21'55	1.44748 AU
	-453 Dec	19 j 20:26	0°♑						
evening rise	-453 Dec	22 j 07:08	4°♑12'36		superior conj	-452 Nov	17 j 18:53	21°♏05'44	-1°-10'-34
asc. node	-452 Jan	07 j 10:17	29°♑57'39		minimum elong	-452 Nov	17 j 10:59	20°♏34'27	1°09'42
	-452 Jan	07 j 11:04	0°♒			-452 Nov	23 j 09:01	0°♐	
evening max el	-452 Jan	09 j 02:14	1°♒47'49	18°12'01	evening rise	-452 Dec	02 j 16:52	15°♐09'05	
retrograde	-452 Jan	15 j 14:13	5°♒15'30			-452 Dec	11 j 18:27	0°♑	
evening set	-452 Jan	18 j 09:24	4°♒35'17		evening max el	-452 Dec	22 j 14:18	15°♑10'23	18°34'00
	-452 Jan	23 j 23:30	30°℞♑		asc. node	-452 Dec	24 j 07:18	16°♑44'42	
inferior conj	-452 Jan	24 j 15:33	29°♑17'14	3°50'25	retrograde	-452 Dec	29 j 05:07	18°♑50'31	
minimum elong	-452 Jan	24 j 14:40	29°♑19'34	3°50'21	evening set	-451 Jan	01 j 05:18	17°♑59'59	
min. Earth dist.	-452 Jan	27 j 06:39	26°♑28'36	0.62968 AU	inferior conj	-451 Jan	07 j 03:12	12°♑23'21	3°35'13
morning rise	-452 Jan	30 j 18:02	23°♑17'30		minimum elong	-451 Jan	07 j 00:59	12°♑29'55	3°34'52
direct	-452 Feb	06 j 17:57	20°♑36'03		min. Earth dist.	-451 Jan	09 j 03:06	10°♑01'52	0.64644 AU
desc. node	-452 Feb	16 j 09:20	24°♑41'12		morning rise	-451 Jan	12 j 19:24	6°♑16'02	
morning max el	-452 Feb	20 j 15:27	28°♑27'46	27°44'48	direct	-451 Jan	19 j 14:42	3°♑24'49	
	-452 Feb	22 j 03:25	0°♒		morning max el	-451 Feb	02 j 00:42	11°♑11'09	27°15'46
	-452 Mar	14 j 10:47	0°♓		desc. node	-451 Feb	02 j 06:23	11°♑25'26	
morning set	-452 Mar	25 j 17:17	20°♓57'24			-451 Feb	16 j 23:53	0°♒	
	-452 Mar	30 j 02:31	0°♈			-451 Mar	06 j 21:33	0°♓	
max. Earth dist.	-452 Mar	31 j 05:00	2°♈20'23	1.32921 AU	morning set	-451 Mar	09 j 09:18	4°♓46'28	
					max. Earth dist.	-451 Mar	14 j 03:49	14°♓19'45	1.33806 AU
superior conj	-452 Apr	02 j 08:35	6°♈56'53	0°-21'-26					
minimum elong	-452 Apr	02 j 09:36	7°♈02'22	0°21'13	superior conj	-451 Mar	17 j 13:09	21°♓23'23	0°-48'-3
asc. node	-452 Apr	04 j 09:37	11°♈22'06		minimum elong	-451 Mar	17 j 15:26	21°♓35'26	0°47'37
evening rise	-452 Apr	09 j 10:33	22°♈11'54			-451 Mar	21 j 14:25	0°♈	
	-452 Apr	13 j 05:35	0°♉		asc. node	-451 Mar	22 j 06:40	1°♈26'25	
evening max el	-452 May	03 j 00:47	29°♉54'02	23°35'48	evening rise	-451 Mar	24 j 21:28	6°♈57'59	
	-452 May	03 j 03:16	0°♊			-451 Apr	06 j 07:56	0°♉	
desc. node	-452 May	14 j 08:34	6°♊31'49		evening max el	-451 Apr	14 j 18:40	10°♉33'48	22°01'35
retrograde	-452 May	16 j 16:43	6°♊44'17		retrograde	-451 Apr	27 j 10:53	16°♉45'56	
evening set	-452 May	20 j 15:21	6°♊10'01		evening set	-451 Apr	30 j 04:29	16°♉29'22	
min. Earth dist.	-452 May	27 j 11:23	2°♊59'14	0.56020 AU	desc. node	-451 May	01 j 05:36	16°♉14'41	
inferior conj	-452 May	29 j 14:40	1°♊42'18	-3°-48'-54	min. Earth dist.	-451 May	09 j 00:27	12°♉42'23	0.55117 AU
minimum elong	-452 May	29 j 07:59	1°♊52'23	3°47'27	inferior conj	-451 May	09 j 13:36	12°♉23'54	-2°-18'-34
	-452 Jun	01 j 13:16	30°℞♉		minimum elong	-451 May	09 j 07:32	12°♉32'27	2°16'38
morning rise	-452 Jun	07 j 04:11	27°♉45'23		morning rise	-451 May	18 j 12:00	8°♉28'32	
direct	-452 Jun	09 j 19:57	27°♉27'45		direct	-451 May	21 j 10:04	8°♉09'28	
	-452 Jun	17 j 08:25	0°♊		morning max el	-451 Jun	02 j 08:21	13°♉45'25	21°30'15
morning max el	-452 Jun	20 j 02:27	2°♊12'45	20°07'05		-451 Jun	14 j 09:16	0°♊	
asc. node	-452 Jul	01 j 08:50	17°♊48'07		asc. node	-451 Jun	18 j 05:55	7°♊05'52	
	-452 Jul	07 j 17:18	0°♋		morning set	-451 Jun	22 j 15:35	15°♊56'26	
morning set	-452 Jul	08 j 07:04	1°♋09'41			-451 Jun	29 j 08:33	0°♋	
superior conj	-452 Jul	16 j 02:31	17°♋04'42	1°45'34	superior conj	-451 Jun	30 j 01:18	1°♋27'18	1°37'08
minimum elong	-452 Jul	16 j 01:28	16°♋59'23	1°45'32	minimum elong	-451 Jun	29 j 23:12	1°♋16'23	1°36'57
max. Earth dist.	-452 Jul	21 j 09:52	27°♋29'07	1.36693 AU	max. Earth dist.	-451 Jul	03 j 21:52	9°♋21'23	1.35080 AU
	-452 Jul	22 j 17:43	0°♌		evening rise	-451 Jul	08 j 09:30	18°♋09'10	
evening rise	-452 Jul	25 j 09:02	4°♌53'09			-451 Jul	14 j 20:58	0°♌	
	-452 Aug	09 j 10:35	0°♍		desc. node	-451 Jul	28 j 04:55	21°♌14'51	
desc. node	-452 Aug	10 j 07:54	1°♍20'23			-451 Aug	03 j 15:24	0°♍	
evening max el	-452 Aug	30 j 03:40	26°♍38'00	25°49'40	evening max el	-451 Aug	12 j 15:33	10°♍11'49	26°45'55
	-452 Sep	02 j 23:24	0°♎		retrograde	-451 Aug	25 j 16:25	17°♍27'57	
retrograde	-452 Sep	11 j 12:18	3°♎42'12		evening set	-451 Sep	01 j 08:29	14°♍44'35	
evening set	-452 Sep	17 j 15:11	1°♎08'18		min. Earth dist.	-451 Sep	05 j 08:41	10°♍39'07	0.65774 AU
	-452 Sep	18 j 20:31	30°℞♍		inferior conj	-451 Sep	07 j 03:00	8°♍33'59	-2°-19'-12
min. Earth dist.	-452 Sep	21 j 22:54	26°♍25'13	0.66730 AU	minimum elong	-451 Sep	07 j 06:27	8°♍23'45	2°17'55
inferior conj	-452 Sep	23 j 05:07	24°♍49'22	-1°-23'-58	morning rise	-451 Sep	13 j 05:40	2°♍49'38	
minimum elong	-452 Sep	23 j 07:13	24°♍42'40	1°23'07	asc. node	-451 Sep	14 j 05:04	2°♍24'03	
asc. node	-452 Sep	27 j 08:00	20°♍09'00		direct	-451 Sep	16 j 02:01	2°♍04'25	
morning rise	-452 Sep	29 j 00:03	18°♍52'58		morning max el	-451 Sep	22 j 17:10	5°♍43'02	18°26'59
direct	-452 Oct	02 j 04:38	17°♍54'16			-451 Oct	09 j 08:59	0°♎	
morning max el	-452 Oct	09 j 05:22	21°♍52'06	19°09'42	morning set	-451 Oct	12 j 08:36	4°♎49'44	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-451 Oct 24 j 04:12	23°♎44'47		
superior conj	-451 Oct 27 j 19:13	29°♎28'13	0°-23'-34	
minimum elong	-451 Oct 27 j 16:06	29°♎15'58	0°23'09	
	-451 Oct 28 j 03:17	0°♏		
max. Earth dist.	-451 Oct 29 j 04:36	1°♏39'37	1.45006 AU	
evening rise	-451 Nov 13 j 02:40	25°♏06'17		
	-451 Nov 16 j 05:11	0°♐		
greatest brilliancy	-451 Nov 25 j 19:19	14°♐57'27	-0.7m	
evening max el	-451 Dec 05 j 23:44	28°♐37'16	19°13'19	
	-451 Dec 07 j 10:20	0°♑		
asc. node	-451 Dec 11 j 04:20	2°♑20'23		
retrograde	-451 Dec 13 j 00:39	2°♑39'19		
evening set	-451 Dec 16 j 07:19	1°♑36'46		
	-451 Dec 18 j 07:16	30°℞♐		
inferior conj	-451 Dec 21 j 23:22	25°♐44'00	3°07'16	
minimum elong	-451 Dec 21 j 20:34	25°♐52'54	3°06'36	
min. Earth dist.	-451 Dec 23 j 08:26	23°♐58'41	0.65949 AU	
morning rise	-451 Dec 27 j 08:58	19°♐31'51		
direct	-450 Jan 02 j 17:37	16°♐44'59		
morning max el	-450 Jan 15 j 10:08	24°♐13'41	26°18'08	
desc. node	-450 Jan 20 j 03:25	29°♐24'46		
	-450 Jan 20 j 15:16	0°♑		
	-450 Feb 10 j 09:26	0°♒		
morning set	-450 Feb 20 j 12:42	17°♒52'40		
max. Earth dist.	-450 Feb 24 j 15:06	25°♒43'45	1.35151 AU	
	-450 Feb 26 j 18:53	0°♓		
superior conj	-450 Mar 01 j 11:05	5°♓24'42	-1°-13'-35	
minimum elong	-450 Mar 01 j 14:25	5°♓41'46	1°13'05	
evening rise	-450 Mar 09 j 05:30	21°♓29'17		
asc. node	-450 Mar 09 j 03:41	21°♓19'58		
	-450 Mar 13 j 11:21	0°♈		
evening max el	-450 Mar 27 j 21:35	21°♈38'49	20°37'26	
retrograde	-450 Apr 07 j 23:47	26°♈59'01		
evening set	-450 Apr 10 j 04:20	26°♈47'25		
desc. node	-450 Apr 18 j 02:37	23°♈32'26		
inferior conj	-450 Apr 19 j 08:13	22°♈50'06	0°-21'-8	
minimum elong	-450 Apr 19 j 07:13	22°♈51'32	0°20'48	
min. Earth dist.	-450 Apr 20 j 13:50	22°♈07'27	0.55142 AU	
morning rise	-450 Apr 28 j 08:33	18°♈38'08		
direct	-450 May 01 j 21:30	18°♈11'01		
morning max el	-450 May 15 j 04:22	24°♈37'58	23°07'25	
	-450 May 20 j 02:21	0°♉		
asc. node	-450 Jun 05 j 02:58	26°♉45'28		
	-450 Jun 06 j 16:41	0°♊		
morning set	-450 Jun 07 j 02:42	0°♊52'17		
superior conj	-450 Jun 14 j 06:31	16°♊09'32	1°23'15	
minimum elong	-450 Jun 14 j 04:01	15°♊56'09	1°22'55	
max. Earth dist.	-450 Jun 16 j 19:42	21°♊33'43	1.33838 AU	
	-450 Jun 20 j 22:09	0°♋		
evening rise	-450 Jun 21 j 23:14	2°♋05'05		
	-450 Jul 07 j 18:22	0°♌		
desc. node	-450 Jul 15 j 01:57	10°♌38'04		
evening max el	-450 Jul 26 j 03:15	23°♌32'57	27°19'13	
	-450 Aug 04 j 07:59	0°♍		
retrograde	-450 Aug 08 j 14:44	0°♍52'28		
	-450 Aug 12 j 15:30	30°℞♌		
evening set	-450 Aug 15 j 16:28	28°♌08'40		
min. Earth dist.	-450 Aug 19 j 10:10	24°♌39'49	0.64455 AU	
inferior conj	-450 Aug 21 j 17:35	22°♌10'13	-3°-11'-26	
minimum elong	-450 Aug 21 j 22:02	21°♌58'12	3°10'05	
morning rise	-450 Aug 28 j 05:21	16°♌41'29		
direct	-450 Aug 30 j 20:00	16°♌06'14		
asc. node	-450 Sep 01 j 02:07	16°♌14'27		
morning max el	-450 Sep 06 j 08:12	19°♌33'56	18°01'19	
	-450 Sep 14 j 02:30	0°♍		
morning set	-450 Sep 23 j 19:51	16°♍11'06		
	-450 Oct 02 j 01:59	0°♎		
superior conj	-450 Oct 07 j 06:02	8°♎25'44	0°24'53	
minimum elong	-450 Oct 07 j 08:53	8°♎37'12	0°24'29	
desc. node	-450 Oct 11 j 01:14	14°♎31'04		
max. Earth dist.	-450 Oct 11 j 23:07	15°♎57'58	1.44528 AU	
	-450 Oct 20 j 22:03	0°♏		
evening rise	-450 Oct 23 j 16:19	4°♏16'10		
	-450 Nov 09 j 17:57	0°♐		
greatest brilliancy	-450 Nov 12 j 09:27	3°♐43'14	-0.6m	
evening max el	-450 Nov 19 j 04:35	12°♐05'40	20°08'08	
retrograde	-450 Nov 26 j 22:09	16°♐37'54		
asc. node	-450 Nov 28 j 01:21	16°♐30'34		
evening set	-450 Nov 30 j 13:09	15°♐21'21		
inferior conj	-450 Dec 06 j 01:17	9°♐15'21	2°30'02	
minimum elong	-450 Dec 05 j 22:33	9°♐24'32	2°29'10	
min. Earth dist.	-450 Dec 06 j 21:02	8°♐09'13	0.66866 AU	
morning rise	-450 Dec 11 j 07:24	3°♐00'28		
direct	-450 Dec 17 j 01:55	0°♐28'17		
morning max el	-450 Dec 28 j 18:45	7°♐26'02	25°01'01	
desc. node	-449 Jan 07 j 00:27	18°♐17'28		
	-449 Jan 15 j 10:16	0°♑		
morning set	-449 Feb 02 j 22:25	0°♒01'57		
	-449 Feb 02 j 21:59	0°♒		
max. Earth dist.	-449 Feb 06 j 15:44	6°♒48'01	1.36926 AU	
superior conj	-449 Feb 12 j 23:26	18°♒52'47	-1°-36'-11	
minimum elong	-449 Feb 13 j 03:14	19°♒11'24	1°35'46	
	-449 Feb 18 j 13:04	0°♓		
evening rise	-449 Feb 21 j 08:32	5°♓39'47		
asc. node	-449 Feb 24 j 00:42	10°♓58'05		
	-449 Mar 07 j 11:01	0°♈		
evening max el	-449 Mar 10 j 11:35	3°♈20'42	19°30'14	
retrograde	-449 Mar 19 j 20:55	7°♈50'57		
evening set	-449 Mar 22 j 00:54	7°♈37'37		
inferior conj	-449 Mar 30 j 12:57	3°♈31'49	1°29'57	
minimum elong	-449 Mar 30 j 16:27	3°♈26'10	1°28'49	
min. Earth dist.	-449 Apr 02 j 04:15	1°♈50'16	0.56091 AU	
desc. node	-449 Apr 04 j 23:38	0°♈12'29		
	-449 Apr 05 j 09:22	30°℞♓		
morning rise	-449 Apr 08 j 04:22	28°♓49'08		
direct	-449 Apr 12 j 17:27	28°♓02'30		
	-449 Apr 19 j 22:36	0°♈		
morning max el	-449 Apr 26 j 19:21	5°♈09'17	24°47'48	
	-449 May 14 j 13:26	0°♉		
morning set	-449 May 22 j 14:43	15°♉51'36		
asc. node	-449 May 23 j 00:00	16°♉40'35		
	-449 May 29 j 04:03	0°♊		
superior conj	-449 May 29 j 15:47	1°♊03'48	1°05'07	
minimum elong	-449 May 29 j 13:25	0°♊50'57	1°04'43	
max. Earth dist.	-449 May 31 j 01:52	4°♊08'32	1.32976 AU	
evening rise	-449 Jun 05 j 22:23	16°♊29'13		
	-449 Jun 12 j 21:35	0°♋		
desc. node	-449 Jul 01 j 22:58	29°♋16'47		
	-449 Jul 02 j 13:12	0°♌		
evening max el	-449 Jul 08 j 12:35	6°♌27'55	27°23'16	
retrograde	-449 Jul 22 j 06:50	13°♌46'46		
evening set	-449 Jul 29 j 11:39	11°♌14'39		
min. Earth dist.	-449 Aug 02 j 01:35	8°♌16'39	0.62782 AU	
inferior conj	-449 Aug 04 j 22:03	5°♌31'24	-3°-57'-3	
minimum elong	-449 Aug 05 j 02:38	5°♌20'17	3°56'03	
morning rise	-449 Aug 11 j 19:59	0°♌21'44		
	-449 Aug 13 j 03:07	30°℞♋		
direct	-449 Aug 14 j 07:23	29°♋53'31		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-449 Aug 15 j 11:29	0°♌	
asc. node	-449 Aug 18 j 23:12	1°♌35'13	
morning max el	-449 Aug 20 j 23:41	3°♌18'44	17°53'31
morning set	-449 Sep 06 j 06:04	28°♌37'57	
	-449 Sep 07 j 00:33	0°♍	
superior conj	-449 Sep 17 j 18:08	18°♍38'44	1°04'07
minimum elong	-449 Sep 17 j 23:13	19°♍00'09	1°03'30
max. Earth dist.	-449 Sep 24 j 14:19	29°♍56'46	1.43380 AU
	-449 Sep 24 j 15:07	0°♎	
desc. node	-449 Sep 27 j 22:16	5°♎17'28	
evening rise	-449 Oct 02 j 22:56	13°♎11'29	
	-449 Oct 14 j 00:49	0°♏	
greatest brilliancy	-449 Oct 27 j 22:53	19°♏31'16	-0.4m
evening max el	-449 Nov 02 j 03:37	25°♏33'26	21°15'54
	-449 Nov 07 j 21:10	0°♐	
retrograde	-449 Nov 10 j 19:25	0°♐42'07	
	-449 Nov 13 j 13:28	30°℞♏	
evening set	-449 Nov 14 j 20:46	29°♏09'35	
asc. node	-449 Nov 14 j 22:24	29°♏06'27	
inferior conj	-449 Nov 20 j 06:42	22°♏53'49	1°45'50
minimum elong	-449 Nov 20 j 04:30	23°♏01'23	1°45'00
min. Earth dist.	-449 Nov 20 j 14:40	22°♏26'21	0.67416 AU
morning rise	-449 Nov 25 j 11:54	16°♏38'14	
direct	-449 Nov 30 j 15:01	14°♏26'34	
morning max el	-449 Dec 11 j 03:37	20°♏42'43	23°34'22
	-449 Dec 19 j 02:40	0°♐	
desc. node	-449 Dec 24 j 21:29	7°♐47'32	
	-448 Jan 08 j 16:21	0°♑	
morning set	-448 Jan 15 j 08:14	10°♑57'29	
max. Earth dist.	-448 Jan 19 j 11:04	18°♑03'24	1.38983 AU
	-448 Jan 26 j 01:33	0°♒	
superior conj	-448 Jan 26 j 22:18	1°♒36'51	-1°-53'-13
minimum elong	-448 Jan 27 j 01:22	1°♒51'09	1°53'03
evening rise	-448 Feb 05 j 03:56	19°♒21'57	
asc. node	-448 Feb 10 j 21:44	0°♓14'47	
	-448 Feb 10 j 18:29	0°♓	
evening max el	-448 Feb 21 j 11:33	15°♓38'37	18°42'48
retrograde	-448 Feb 29 j 11:19	19°♓31'35	
evening set	-448 Mar 02 j 19:23	19°♓12'54	
inferior conj	-448 Mar 10 j 13:02	14°♓49'27	2°50'27
minimum elong	-448 Mar 10 j 17:21	14°♓41'20	2°49'26
min. Earth dist.	-448 Mar 13 j 21:16	12°♓19'59	0.57747 AU
morning rise	-448 Mar 18 j 11:12	9°♓34'52	
desc. node	-448 Mar 21 j 20:39	8°♓28'27	
direct	-448 Mar 24 j 03:12	8°♓15'33	
morning max el	-448 Apr 07 j 11:29	15°♓47'37	26°16'20
	-448 Apr 18 j 23:41	0°♈	
	-448 May 05 j 16:42	0°♉	
morning set	-448 May 06 j 02:01	0°♉48'45	
asc. node	-448 May 08 j 21:03	6°♉46'05	
superior conj	-448 May 13 j 03:10	16°♉03'33	0°43'39
minimum elong	-448 May 13 j 01:23	15°♉53'44	0°43'18
max. Earth dist.	-448 May 13 j 13:12	16°♉58'31	1.32483 AU
	-448 May 19 j 14:10	0°♊	
evening rise	-448 May 20 j 03:58	1°♊12'08	
	-448 Jun 04 j 22:25	0°♋	
desc. node	-448 Jun 17 j 19:58	16°♋52'35	
evening max el	-448 Jun 19 j 17:05	18°♋45'05	26°54'40
retrograde	-448 Jul 03 j 16:03	26°♋02'05	
evening set	-448 Jul 10 j 13:49	23°♋55'46	
min. Earth dist.	-448 Jul 14 j 06:54	21°♋15'54	0.60826 AU
inferior conj	-448 Jul 17 j 13:06	18°♋29'57	-4°-30'-19
minimum elong	-448 Jul 17 j 16:18	18°♋23'06	4°29'57
morning rise	-448 Jul 24 j 21:53	13°♋42'05	
direct	-448 Jul 27 j 08:22	13°♋18'38	
morning max el	-448 Aug 03 j 12:42	16°♋50'40	18°04'35
asc. node	-448 Aug 04 j 20:16	18°♋13'00	
	-448 Aug 12 j 20:09	0°♌	
morning set	-448 Aug 19 j 09:28	11°♌54'40	
superior conj	-448 Aug 29 j 09:18	0°♍12'25	1°30'13
minimum elong	-448 Aug 29 j 13:22	0°♍30'28	1°29'53
	-448 Aug 29 j 06:31	0°♍	
max. Earth dist.	-448 Sep 05 j 23:51	13°♍19'28	1.41720 AU
evening rise	-448 Sep 11 j 16:53	22°♍40'31	
desc. node	-448 Sep 13 j 19:18	26°♍01'09	
	-448 Sep 16 j 08:17	0°♎	
	-448 Oct 07 j 04:00	0°♏	
greatest brilliancy	-448 Oct 10 j 01:45	3°♏38'46	-0.3m
evening max el	-448 Oct 14 j 21:01	9°♏02'05	22°32'39
retrograde	-448 Oct 24 j 14:46	14°♏49'34	
evening set	-448 Oct 29 j 04:27	12°♏59'31	
asc. node	-448 Oct 31 j 19:27	10°♏17'30	
inferior conj	-448 Nov 03 j 13:41	6°♏37'47	0°56'27
minimum elong	-448 Nov 03 j 12:24	6°♏42'12	0°55'54
min. Earth dist.	-448 Nov 03 j 10:59	6°♏47'05	0.67635 AU
morning rise	-448 Nov 08 j 20:15	0°♏23'53	
	-448 Nov 09 j 08:37	30°℞♎	
direct	-448 Nov 13 j 08:20	28°♎34'39	
	-448 Nov 17 j 17:32	0°♏	
morning max el	-448 Nov 22 j 15:38	4°♏04'40	22°07'36
greatest brilliancy	-448 Nov 27 j 08:28	9°♏22'37	-0.4m
desc. node	-448 Dec 10 j 18:32	27°♏44'31	
	-448 Dec 12 j 07:17	0°♐	
morning set	-448 Dec 25 j 13:08	20°♐28'22	
	-448 Dec 31 j 08:15	0°♑	
max. Earth dist.	-448 Dec 31 j 08:27	0°♑00'51	1.41079 AU
superior conj	-447 Jan 08 j 02:44	13°♑24'39	-2°-1'-7
minimum elong	-447 Jan 08 j 03:10	13°♑26'39	2°01'07
	-447 Jan 17 j 04:41	0°♒	
evening rise	-447 Jan 18 j 12:27	2°♒28'00	
asc. node	-447 Jan 27 j 18:46	19°♒02'51	
evening max el	-447 Feb 03 j 18:47	28°♒25'10	18°15'30
	-447 Feb 05 j 14:53	0°♓	
retrograde	-447 Feb 10 j 20:09	1°♓56'42	
evening set	-447 Feb 13 j 08:46	1°♓30'31	
	-447 Feb 16 j 08:01	30°℞♒	
inferior conj	-447 Feb 20 j 10:01	26°♒45'57	3°35'38
minimum elong	-447 Feb 20 j 12:35	26°♒40'20	3°35'18
min. Earth dist.	-447 Feb 23 j 19:09	23°♒49'59	0.59783 AU
morning rise	-447 Feb 27 j 13:01	21°♒07'53	
direct	-447 Mar 06 j 01:51	19°♒10'20	
desc. node	-447 Mar 08 j 17:42	19°♒29'03	
morning max el	-447 Mar 20 j 08:43	26°♒55'33	27°18'35
	-447 Mar 23 j 07:04	0°♓	
	-447 Apr 12 j 11:24	0°♈	
morning set	-447 Apr 20 j 10:47	15°♈36'33	
asc. node	-447 Apr 25 j 18:05	26°♈56'34	
max. Earth dist.	-447 Apr 27 j 01:58	29°♈50'52	1.32357 AU
	-447 Apr 27 j 03:38	0°♉	
superior conj	-447 Apr 27 j 14:53	1°♉01'44	0°19'39
minimum elong	-447 Apr 27 j 14:01	0°♉56'56	0°19'28
evening rise	-447 May 04 j 13:32	16°♉04'46	
	-447 May 11 j 12:51	0°♊	
	-447 Jun 01 j 07:51	0°♋	
evening max el	-447 Jun 01 j 15:03	0°♋17'22	25°54'25
desc. node	-447 Jun 04 j 17:00	2°♋58'16	
retrograde	-447 Jun 15 j 16:32	7°♋30'19	
evening set	-447 Jun 21 j 18:28	6°♋01'06	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

min. Earth dist.	-447 Jun 26	j 03:40	3°♋21'39	0.58767 AU
inferior conj	-447 Jun 29	j 11:04	0°♋55'22	-4°-42'-20
minimum elong	-447 Jun 29	j 10:52	0°♋55'44	4°42'21
	-447 Jun 30	j 17:19	30°℞♊	
morning rise	-447 Jul 07	j 06:58	26°♊30'06	
direct	-447 Jul 09	j 18:32	26°♊09'46	
	-447 Jul 17	j 20:13	0°♋	
morning max el	-447 Jul 17	j 20:06	29°♊59'43	18°35'39
asc. node	-447 Jul 22	j 17:20	5°♋51'22	
morning set	-447 Aug 03	j 01:08	25°♋47'37	
	-447 Aug 05	j 05:13	0°♌	
superior conj	-447 Aug 11	j 22:41	12°♌52'11	1°43'55
minimum elong	-447 Aug 12	j 00:34	13°♌01'01	1°43'51
max. Earth dist.	-447 Aug 19	j 04:12	25°♌58'23	1.39767 AU
	-447 Aug 21	j 12:01	0°♍	
evening rise	-447 Aug 23	j 09:58	3°♍14'58	
desc. node	-447 Aug 31	j 16:21	16°♍38'01	
	-447 Sep 09	j 14:19	0°♎	
evening max el	-447 Sep 27	j 10:27	22°♎33'57	23°52'57
retrograde	-447 Oct 08	j 06:50	28°♎57'12	
evening set	-447 Oct 13	j 10:30	26°♎48'59	
inferior conj	-447 Oct 18	j 20:28	20°♎25'20	0°03'25
minimum elong	-447 Oct 18	j 20:22	20°♎25'37	0°03'21
transit middle	-447 Oct 18	j 20:22	20°♎25'37	0°03'21
transit begin	-447 Oct 18	j 17:43	20°♎34'40	
transit end	-447 Oct 18	j 23:02	20°♎16'34	
min. Earth dist.	-447 Oct 18	j 07:28	21°♎09'29	0.67539 AU
asc. node	-447 Oct 18	j 16:31	20°♎38'44	
morning rise	-447 Oct 24	j 06:25	14°♎15'51	
direct	-447 Oct 28	j 04:46	12°♎48'20	
morning max el	-447 Nov 05	j 09:57	17°♎35'22	20°48'21
greatest brilliancy	-447 Nov 11	j 06:25	24°♎27'50	-0.5m
	-447 Nov 15	j 08:46	0°♏	
desc. node	-447 Nov 27	j 15:35	18°♏00'53	
morning set	-447 Dec 04	j 16:41	28°♏50'26	
	-447 Dec 05	j 10:30	0°♐	
max. Earth dist.	-447 Dec 13	j 13:12	12°♐54'27	1.42926 AU
superior conj	-447 Dec 20	j 07:18	24°♐03'57	-1°-55'-24
minimum elong	-447 Dec 20	j 03:16	23°♐46'57	1°55'14
	-447 Dec 23	j 19:04	0°♑	
evening rise	-446 Jan 01	j 06:11	14°♑49'49	
	-446 Jan 09	j 22:45	0°♒	
asc. node	-446 Jan 14	j 15:49	7°♒13'17	
evening max el	-446 Jan 18	j 06:10	11°♒31'32	18°07'52
retrograde	-446 Jan 24	j 20:06	14°♒56'37	
evening set	-446 Jan 27	j 12:57	14°♒21'40	
inferior conj	-446 Feb 03	j 01:08	9°♒15'32	3°51'28
minimum elong	-446 Feb 03	j 01:23	9°♒14'54	3°51'28
min. Earth dist.	-446 Feb 06	j 00:23	6°♒18'08	0.61859 AU
morning rise	-446 Feb 09	j 11:27	3°♒22'20	
direct	-446 Feb 16	j 10:28	0°♒53'09	
desc. node	-446 Feb 23	j 14:44	3°♒10'12	
morning max el	-446 Mar 02	j 12:02	8°♒43'39	27°45'54
	-446 Mar 18	j 21:34	0°♓	
morning set	-446 Apr 04	j 15:06	0°♈08'14	
	-446 Apr 04	j 13:29	0°♈	
max. Earth dist.	-446 Apr 10	j 12:31	12°♈33'07	1.32606 AU
superior conj	-446 Apr 12	j 01:16	15°♈52'28	0°-6'-7
minimum elong	-446 Apr 12	j 01:33	15°♈54'01	0°06'03
behind sun begin	-446 Apr 11	j 20:48	15°♈28'07	
behind sun end	-446 Apr 12	j 06:19	16°♈19'55	
asc. node	-446 Apr 12	j 15:09	17°♈08'01	
	-446 Apr 18	j 13:44	0°♉	
evening rise	-446 Apr 19	j 01:06	1°♉00'11	
	-446 May 05	j 01:41	0°♊	
evening max el	-446 May 14	j 07:19	11°♊10'34	24°30'03
desc. node	-446 May 22	j 14:01	16°♊59'34	
retrograde	-446 May 28	j 05:32	18°♊12'21	
evening set	-446 Jun 02	j 00:17	17°♊21'02	
min. Earth dist.	-446 Jun 07	j 18:47	14°♊25'31	0.56894 AU
inferior conj	-446 Jun 10	j 13:11	12°♊39'09	-4°-20'-54
minimum elong	-446 Jun 10	j 08:24	12°♊46'53	4°20'14
morning rise	-446 Jun 18	j 20:19	8°♊33'54	
direct	-446 Jun 21	j 10:25	8°♊15'29	
morning max el	-446 Jun 30	j 18:55	12°♊36'19	19°27'38
asc. node	-446 Jul 09	j 14:23	24°♊16'39	
	-446 Jul 12	j 20:08	0°♋	
morning set	-446 Jul 18	j 01:25	10°♋07'10	
superior conj	-446 Jul 26	j 04:36	26°♋22'06	1°47'22
minimum elong	-446 Jul 26	j 04:27	26°♋21'23	1°47'22
	-446 Jul 28	j 01:23	0°♌	
max. Earth dist.	-446 Aug 01	j 07:25	8°♌02'11	1.37775 AU
evening rise	-446 Aug 05	j 03:45	15°♌00'00	
	-446 Aug 14	j 01:12	0°♍	
desc. node	-446 Aug 18	j 13:24	7°♍03'23	
	-446 Sep 04	j 06:48	0°♎	
evening max el	-446 Sep 09	j 22:09	6°♎09'36	25°09'55
retrograde	-446 Sep 21	j 18:38	13°♎00'58	
evening set	-446 Sep 27	j 13:10	10°♎35'33	
min. Earth dist.	-446 Oct 02	j 01:36	5°♎31'20	0.67126 AU
inferior conj	-446 Oct 03	j 01:15	4°♎13'59	0°-51'-49
minimum elong	-446 Oct 03	j 02:33	4°♎09'45	0°51'17
asc. node	-446 Oct 05	j 13:35	1°♎05'21	
	-446 Oct 06	j 13:36	30°℞♍	
morning rise	-446 Oct 08	j 16:27	28°♍11'58	
direct	-446 Oct 12	j 02:58	27°♍03'37	
	-446 Oct 18	j 03:56	0°♎	
morning max el	-446 Oct 19	j 11:58	1°♎16'13	19°41'27
greatest brilliancy	-446 Oct 27	j 16:09	11°♎32'29	-0.6m
	-446 Nov 09	j 00:18	0°♏	
morning set	-446 Nov 13	j 14:08	7°♏03'30	
desc. node	-446 Nov 14	j 12:38	8°♏30'41	
max. Earth dist.	-446 Nov 26	j 01:45	26°♏36'22	1.44275 AU
	-446 Nov 28	j 04:52	0°♐	
superior conj	-446 Nov 30	j 08:53	3°♐28'38	-1°-32'-7
minimum elong	-446 Nov 30	j 00:58	2°♐56'48	1°31'24
evening rise	-446 Dec 14	j 04:43	26°♐19'04	
	-446 Dec 16	j 08:58	0°♑	
asc. node	-445 Jan 01	j 12:52	24°♑34'14	
evening max el	-445 Jan 01	j 18:43	24°♑49'15	18°19'12
retrograde	-445 Jan 08	j 06:46	28°♑20'42	
evening set	-445 Jan 11	j 04:02	27°♑36'05	
inferior conj	-445 Jan 17	j 06:20	22°♑09'41	3°45'45
minimum elong	-445 Jan 17	j 04:47	22°♑14'01	3°45'37
min. Earth dist.	-445 Jan 19	j 14:56	19°♑31'24	0.63724 AU
morning rise	-445 Jan 23	j 03:58	16°♑06'35	
direct	-445 Jan 30	j 02:54	13°♑19'23	
desc. node	-445 Feb 10	j 11:47	18°♑57'15	
morning max el	-445 Feb 12	j 19:53	21°♑09'07	27°36'31
	-445 Feb 20	j 12:57	0°♒	
	-445 Mar 11	j 23:25	0°♓	
morning set	-445 Mar 19	j 12:26	14°♓14'54	
max. Earth dist.	-445 Mar 24	j 16:49	24°♓51'10	1.33247 AU
superior conj	-445 Mar 27	j 08:29	0°♈28'54	0°-32'-44
minimum elong	-445 Mar 27	j 10:03	0°♈37'15	0°32'26
	-445 Mar 27	j 03:05	0°♈	
asc. node	-445 Mar 30	j 12:12	7°♈15'44	
evening rise	-445 Apr 03	j 12:44	15°♈51'01	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-445 Apr 10 j 15:24	0°♉		
evening max el	-445 Apr 25 j 22:24	21°♉45'33	22°55'07	
retrograde	-445 May 09 j 05:50	28°♉21'34		
desc. node	-445 May 09 j 11:00	28°♉21'28		
evening set	-445 May 12 j 14:54	27°♉56'35		
min. Earth dist.	-445 May 20 j 07:30	24°♉32'21	0.55539 AU	
inferior conj	-445 May 21 j 20:06	23°♉39'34	-3°-15'-33	
minimum elong	-445 May 21 j 12:58	23°♉49'53	3°13'40	
morning rise	-445 May 30 j 13:55	19°♉45'39		
direct	-445 Jun 02 j 07:58	19°♉27'47		
morning max el	-445 Jun 13 j 07:06	24°♉32'55	20°40'17	
	-445 Jun 18 j 03:47	0°♊		
asc. node	-445 Jun 26 j 11:27	13°♊17'53		
morning set	-445 Jul 02 j 07:35	24°♊46'06		
	-445 Jul 04 j 20:27	0°♋		
superior conj	-445 Jul 09 j 22:19	10°♋28'58	1°42'45	
minimum elong	-445 Jul 09 j 20:44	10°♋20'54	1°42'39	
max. Earth dist.	-445 Jul 14 j 14:58	19°♋52'12	1.35969 AU	
evening rise	-445 Jul 18 j 18:26	27°♋46'34		
	-445 Jul 19 j 23:19	0°♌		
desc. node	-445 Aug 05 j 10:24	27°♌11'30		
	-445 Aug 07 j 08:41	0°♍		
evening max el	-445 Aug 23 j 09:42	19°♍45'55	26°15'53	
retrograde	-445 Sep 05 j 01:36	26°♍55'52		
evening set	-445 Sep 11 j 10:34	24°♍16'56		
min. Earth dist.	-445 Sep 15 j 15:00	19°♍50'02	0.66373 AU	
inferior conj	-445 Sep 17 j 02:15	18°♍01'19	-1°-47'-35	
minimum elong	-445 Sep 17 j 04:58	17°♍52'58	1°46'31	
asc. node	-445 Sep 22 j 10:37	12°♍31'17		
morning rise	-445 Sep 23 j 00:20	12°♍09'51		
direct	-445 Sep 26 j 01:10	11°♍17'18		
morning max el	-445 Oct 02 j 20:53	15°♍05'27	18°49'33	
	-445 Oct 13 j 21:15	0°♎		
morning set	-445 Oct 24 j 05:24	16°♎15'27		
desc. node	-445 Nov 01 j 09:42	29°♎09'59		
	-445 Nov 01 j 22:25	0°♏		
max. Earth dist.	-445 Nov 08 j 19:11	10°♏47'40	1.44952 AU	
superior conj	-445 Nov 09 j 13:23	11°♏59'17	0°-51'-38	
minimum elong	-445 Nov 09 j 06:55	11°♏33'49	0°50'51	
	-445 Nov 20 j 22:06	0°♐		
evening rise	-445 Nov 25 j 04:25	6°♐50'39		
	-445 Dec 09 j 19:50	0°♑		
evening max el	-445 Dec 16 j 05:52	8°♑13'33	18°48'36	
asc. node	-445 Dec 19 j 09:53	10°♑52'35		
retrograde	-445 Dec 23 j 00:07	12°♑02'06		
evening set	-445 Dec 26 j 02:51	11°♑06'35		
inferior conj	-445 Dec 31 j 21:58	5°♑22'25	3°24'40	
minimum elong	-445 Dec 31 j 19:25	5°♑30'13	3°24'11	
min. Earth dist.	-444 Jan 02 j 15:18	3°♑15'52	0.65248 AU	
	-444 Jan 05 j 14:17	30°℞♐		
morning rise	-444 Jan 06 j 10:56	29°♐12'39		
direct	-444 Jan 13 j 02:07	26°♐22'04		
	-444 Jan 21 j 16:32	0°♑		
morning max el	-444 Jan 26 j 05:39	4°♑02'24	26°54'18	
desc. node	-444 Jan 28 j 08:51	6°♑16'20		
	-444 Feb 14 j 23:24	0°♒		
morning set	-444 Mar 01 j 23:35	27°♒46'41		
	-444 Mar 03 j 03:14	0°♓		
max. Earth dist.	-444 Mar 06 j 11:09	6°♓35'33	1.34323 AU	
superior conj	-444 Mar 10 j 10:30	14°♓44'42	0°-59'-7	
minimum elong	-444 Mar 10 j 13:16	14°♓59'10	0°58'38	
asc. node	-444 Mar 16 j 09:14	27°♓15'30		
evening rise	-444 Mar 17 j 22:38	0°♈31'00		
	-444 Mar 17 j 16:40	0°♈		

	-444 Apr 04 j 09:34	0°♉		
evening max el	-444 Apr 06 j 19:20	2°♉32'10	21°23'58	
retrograde	-444 Apr 18 j 20:44	8°♉23'48		
evening set	-444 Apr 21 j 06:44	8°♉10'26		
desc. node	-444 Apr 25 j 08:01	6°♉54'27		
inferior conj	-444 Apr 30 j 15:19	4°♉10'10	-1°-30'-11	
minimum elong	-444 Apr 30 j 11:07	4°♉16'05	1°28'44	
min. Earth dist.	-444 Apr 30 j 20:26	4°♉02'59	0.55002 AU	
morning rise	-444 May 09 j 15:46	0°♉10'18		
	-444 May 10 j 13:14	30°℞♈		
direct	-444 May 12 j 18:38	29°♈49'07		
	-444 May 14 j 23:14	0°♉		
morning max el	-444 May 25 j 08:29	5°♉47'12	22°10'32	
	-444 Jun 10 j 22:37	0°♊		
asc. node	-444 Jun 12 j 08:30	2°♊45'33		
morning set	-444 Jun 15 j 17:24	9°♊37'26		
superior conj	-444 Jun 23 j 00:11	25°♊01'07	1°31'50	
minimum elong	-444 Jun 22 j 21:50	24°♊48'47	1°31'36	
	-444 Jun 25 j 09:25	0°♋		
max. Earth dist.	-444 Jun 26 j 07:01	1°♋51'15	1.34497 AU	
evening rise	-444 Jul 01 j 01:01	11°♋20'49		
	-444 Jul 11 j 08:26	0°♌		
desc. node	-444 Jul 22 j 07:24	16°♌54'05		
	-444 Aug 01 j 17:30	0°♍		
evening max el	-444 Aug 04 j 21:26	3°♍14'59	27°03'11	
retrograde	-444 Aug 18 j 03:25	10°♍33'56		
evening set	-444 Aug 25 j 00:17	7°♍48'41		
min. Earth dist.	-444 Aug 28 j 21:23	3°♍59'27	0.65261 AU	
inferior conj	-444 Aug 30 j 21:19	1°♍42'46	-2°-41'-54	
minimum elong	-444 Aug 31 j 01:16	1°♍31'30	2°40'32	
	-444 Sep 01 j 10:05	30°℞♌		
morning rise	-444 Sep 06 j 03:45	26°♌04'57		
asc. node	-444 Sep 08 j 07:41	25°♌26'16		
direct	-444 Sep 08 j 21:19	25°♌24'30		
morning max el	-444 Sep 15 j 10:28	28°♌57'27	18°13'57	
	-444 Sep 16 j 10:03	0°♍		
morning set	-444 Oct 04 j 00:48	26°♍50'28		
	-444 Oct 05 j 22:52	0°♎		
desc. node	-444 Oct 18 j 06:44	19°♎54'22		
superior conj	-444 Oct 18 j 15:34	20°♎29'28	0°-2'-25	
minimum elong	-444 Oct 18 j 15:15	20°♎28'11	0°02'24	
behind sun begin	-444 Oct 18 j 04:20	19°♎44'54		
behind sun end	-444 Oct 19 j 02:10	21°♎11'26		
max. Earth dist.	-444 Oct 21 j 13:45	25°♎06'47	1.44890 AU	
	-444 Oct 24 j 16:21	0°♏		
evening rise	-444 Nov 04 j 04:37	16°♏24'41		
	-444 Nov 12 j 22:51	0°♐		
greatest brilliancy	-444 Nov 20 j 06:01	10°♐59'08	-0.7m	
evening max el	-444 Nov 28 j 13:26	21°♐40'40	19°34'50	
asc. node	-444 Dec 05 j 06:54	25°♐53'13		
retrograde	-444 Dec 05 j 20:53	25°♐55'08		
evening set	-444 Dec 09 j 06:46	24°♐47'00		
inferior conj	-444 Dec 14 j 20:55	18°♐48'06	2°52'29	
minimum elong	-444 Dec 14 j 18:04	18°♐57'23	2°51'41	
min. Earth dist.	-444 Dec 16 j 00:08	17°♐19'11	0.66382 AU	
morning rise	-444 Dec 20 j 04:39	12°♐34'15		
direct	-444 Dec 26 j 07:28	9°♐52'35		
morning max el	-443 Jan 07 j 14:57	17°♐10'37	25°47'06	
desc. node	-443 Jan 14 j 05:55	24°♐40'38		
	-443 Jan 18 j 08:44	0°♑		
	-443 Feb 06 j 22:03	0°♒		
morning set	-443 Feb 12 j 20:14	10°♒30'59		
max. Earth dist.	-443 Feb 16 j 17:28	17°♒47'51	1.35851 AU	
superior conj	-443 Feb 22 j 04:46	28°♒32'54	-1°-23'-41	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-443 Feb 22 j 08:24	28°♒51'10	1°23'11
	-443 Feb 22 j 22:03	0°♓	
evening rise	-443 Mar 02 j 04:51	14°♓54'12	
asc. node	-443 Mar 03 j 06:15	17°♓03'02	
	-443 Mar 10 j 01:20	0°♈	
evening max el	-443 Mar 20 j 02:59	13°♈52'38	20°06'37
retrograde	-443 Mar 30 j 11:48	18°♈50'48	
evening set	-443 Apr 01 j 14:47	18°♈39'11	
inferior conj	-443 Apr 10 j 12:45	14°♈40'09	0°28'35
minimum elong	-443 Apr 10 j 14:02	14°♈38'14	0°28'09
desc. node	-443 Apr 12 j 05:03	13°♈39'41	
min. Earth dist.	-443 Apr 12 j 10:32	13°♈31'33	0.55430 AU
morning rise	-443 Apr 19 j 10:32	10°♈15'42	
direct	-443 Apr 23 j 08:40	9°♈41'59	
morning max el	-443 May 07 j 01:50	16°♈28'39	23°50'37
	-443 May 17 j 21:37	0°♉	
asc. node	-443 May 30 j 05:33	22°♉32'31	
morning set	-443 May 31 j 05:08	24°♉35'34	
	-443 Jun 02 j 18:08	0°♊	
superior conj	-443 Jun 07 j 07:26	9°♊49'50	1°16'02
minimum elong	-443 Jun 07 j 04:55	9°♊36'20	1°15'40
max. Earth dist.	-443 Jun 09 j 08:29	14°♊12'41	1.33418 AU
evening rise	-443 Jun 14 j 19:13	25°♊30'25	
	-443 Jun 17 j 01:44	0°♋	
	-443 Jul 04 j 19:13	0°♌	
desc. node	-443 Jul 09 j 04:23	6°♌00'24	
evening max el	-443 Jul 18 j 08:21	16°♌26'34	27°24'46
retrograde	-443 Jul 31 j 23:27	23°♌46'52	
evening set	-443 Aug 08 j 03:21	21°♌06'19	
min. Earth dist.	-443 Aug 11 j 18:52	17°♌51'33	0.63785 AU
inferior conj	-443 Aug 14 j 08:00	15°♌13'38	-3°-31'-52
minimum elong	-443 Aug 14 j 12:39	15°♌01'37	3°30'37
morning rise	-443 Aug 21 j 00:01	9°♌52'36	
direct	-443 Aug 23 j 12:49	9°♌20'49	
asc. node	-443 Aug 26 j 04:45	9°♌56'19	
morning max el	-443 Aug 30 j 02:04	12°♌46'45	17°55'39
	-443 Sep 10 j 21:25	0°♍	
morning set	-443 Sep 15 j 22:34	8°♍41'36	
superior conj	-443 Sep 28 j 12:12	29°♍56'29	0°43'01
minimum elong	-443 Sep 28 j 16:31	0°♎14'12	0°42'27
	-443 Sep 28 j 13:03	0°♎	
max. Earth dist.	-443 Oct 04 j 06:35	9°♎16'37	1.44117 AU
desc. node	-443 Oct 05 j 03:44	10°♎40'56	
evening rise	-443 Oct 14 j 13:03	25°♎22'19	
	-443 Oct 17 j 13:24	0°♏	
greatest brilliancy	-443 Nov 05 j 16:15	27°♏58'34	-0.5m
	-443 Nov 07 j 05:40	0°♐	
evening max el	-443 Nov 11 j 15:54	5°♐08'42	20°35'40
retrograde	-443 Nov 19 j 18:29	9°♐55'59	
asc. node	-443 Nov 22 j 03:58	9°♐23'18	
evening set	-443 Nov 23 j 13:34	8°♐33'05	
inferior conj	-443 Nov 29 j 00:35	2°♐22'41	2°12'02
minimum elong	-443 Nov 28 j 22:02	2°♐31'23	2°11'08
min. Earth dist.	-443 Nov 29 j 15:15	1°♐32'51	0.67143 AU
	-443 Nov 30 j 19:03	30°℞♏	
morning rise	-443 Dec 04 j 06:00	26°♏07'05	
direct	-443 Dec 09 j 18:05	23°♏42'50	
	-443 Dec 20 j 13:31	0°♐	
morning max el	-443 Dec 20 j 23:14	0°♐24'17	24°24'36
desc. node	-442 Jan 01 j 02:58	13°♐50'43	
	-442 Jan 12 j 07:13	0°♑	
morning set	-442 Jan 25 j 20:33	22°♑10'43	
max. Earth dist.	-442 Jan 29 j 14:25	28°♑49'58	1.37774 AU
	-442 Jan 30 j 05:50	0°♒	
superior conj	-442 Feb 05 j 11:56	11°♒43'37	-1°-44'-18
minimum elong	-442 Feb 05 j 15:36	12°♒01'16	1°43'58
evening rise	-442 Feb 14 j 04:58	28°♒53'09	
	-442 Feb 14 j 18:30	0°♓	
asc. node	-442 Feb 18 j 03:17	6°♓32'36	
evening max el	-442 Mar 02 j 21:38	25°♓50'54	19°07'41
	-442 Mar 10 j 16:29	0°♈	
retrograde	-442 Mar 11 j 15:16	0°♈02'52	
	-442 Mar 12 j 14:17	30°℞♓	
evening set	-442 Mar 13 j 20:52	29°♓47'35	
inferior conj	-442 Mar 22 j 01:05	25°♓35'22	2°08'30
minimum elong	-442 Mar 22 j 05:22	25°♓28'00	2°07'15
min. Earth dist.	-442 Mar 25 j 01:58	23°♓31'14	0.56726 AU
morning rise	-442 Mar 30 j 09:48	20°♓38'36	
desc. node	-442 Mar 30 j 02:06	20°♓46'14	
direct	-442 Apr 04 j 10:53	19°♓39'05	
morning max el	-442 Apr 18 j 16:25	26°♓58'32	25°27'47
	-442 Apr 21 j 14:18	0°♈	
	-442 May 11 j 00:02	0°♉	
morning set	-442 May 15 j 17:01	9°♉34'01	
asc. node	-442 May 17 j 02:36	12°♉32'07	
superior conj	-442 May 22 j 17:49	24°♉46'46	0°56'23
minimum elong	-442 May 22 j 15:39	24°♉34'55	0°55'59
max. Earth dist.	-442 May 23 j 17:12	26°♉54'20	1.32722 AU
	-442 May 25 j 03:25	0°♊	
evening rise	-442 May 29 j 21:27	10°♊03'26	
	-442 Jun 09 j 09:16	0°♋	
desc. node	-442 Jun 26 j 01:24	24°♋14'49	
evening max el	-442 Jun 30 j 16:09	29°♋07'14	27°15'16
	-442 Jul 01 j 14:55	0°♌	
retrograde	-442 Jul 14 j 12:48	6°♌25'00	
evening set	-442 Jul 21 j 15:52	4°♌02'36	
min. Earth dist.	-442 Jul 25 j 06:09	1°♌13'52	0.61975 AU
	-442 Jul 26 j 14:48	30°℞♋	
inferior conj	-442 Jul 28 j 07:13	28°♋26'23	-4°-13'-8
minimum elong	-442 Jul 28 j 11:27	28°♋16'39	4°12'24
morning rise	-442 Aug 04 j 09:41	23°♋25'22	
direct	-442 Aug 06 j 20:24	22°♋59'24	
asc. node	-442 Aug 13 j 01:49	25°♋51'22	
morning max el	-442 Aug 13 j 16:49	26°♋26'34	17°55'47
	-442 Aug 16 j 18:45	0°♌	
morning set	-442 Aug 29 j 16:52	21°♌31'58	
	-442 Sep 03 j 09:29	0°♍	
superior conj	-442 Sep 09 j 12:11	10°♍44'44	1°16'48
minimum elong	-442 Sep 09 j 17:06	11°♍05'56	1°16'17
max. Earth dist.	-442 Sep 16 j 19:42	23°♍02'23	1.42732 AU
	-442 Sep 21 j 02:59	0°♎	
desc. node	-442 Sep 22 j 00:46	1°♎26'40	
evening rise	-442 Sep 23 j 22:33	4°♎27'23	
	-442 Oct 10 j 23:11	0°♏	
greatest brilliancy	-442 Oct 20 j 16:51	13°♏07'52	-0.4m
evening max el	-442 Oct 25 j 12:37	18°♏37'37	21°47'46
retrograde	-442 Nov 03 j 15:00	24°♏02'11	
evening set	-442 Nov 07 j 21:25	22°♏22'25	
asc. node	-442 Nov 09 j 01:01	21°♏20'55	
inferior conj	-442 Nov 13 j 06:55	16°♏03'54	1°25'26
minimum elong	-442 Nov 13 j 05:04	16°♏10'17	1°24'41
min. Earth dist.	-442 Nov 13 j 10:18	15°♏52'12	0.67556 AU
morning rise	-442 Nov 18 j 12:27	9°♏48'52	
direct	-442 Nov 23 j 09:11	7°♏46'30	
morning max el	-442 Dec 03 j 08:53	13°♏42'27	22°56'54
greatest brilliancy	-442 Dec 08 j 03:09	19°♏02'08	-0.3m
	-442 Dec 16 j 11:33	0°♐	
desc. node	-442 Dec 19 j 00:01	3°♐33'31	
	-441 Jan 05 j 05:50	0°♑	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-441 Jan 06 j 18:22	2°♑30'19	
max. Earth dist.	-441 Jan 11 j 09:58	10°♑21'10	1.39894 AU
superior conj	-441 Jan 19 j 03:40	24°♑05'41	-1°-57'-56
minimum elong	-441 Jan 19 j 05:53	24°♑15'48	1°57'52
	-441 Jan 22 j 08:09	0°♒	
evening rise	-441 Jan 28 j 20:11	12°♒20'53	
asc. node	-441 Feb 05 j 00:20	25°♒37'58	
	-441 Feb 07 j 15:08	0°♓	
evening max el	-441 Feb 14 j 01:06	8°♓21'54	18°28'42
retrograde	-441 Feb 21 j 13:41	12°♓03'36	
evening set	-441 Feb 23 j 23:54	11°♓41'45	
inferior conj	-441 Mar 03 j 10:10	7°♓09'14	3°13'42
minimum elong	-441 Mar 03 j 13:55	7°♓01'41	3°12'58
min. Earth dist.	-441 Mar 06 j 20:25	4°♓25'45	0.58596 AU
morning rise	-441 Mar 11 j 00:08	1°♓43'50	
desc. node	-441 Mar 16 j 23:09	0°♓08'23	
direct	-441 Mar 17 j 02:14	0°♓08'21	
morning max el	-441 Mar 31 j 10:13	7°♓46'07	26°46'42
	-441 Apr 17 j 03:07	0°♈	
morning set	-441 Apr 30 j 03:27	24°♈27'17	
	-441 May 02 j 18:07	0°♉	
asc. node	-441 May 03 j 23:39	2°♉39'40	
superior conj	-441 May 07 j 05:31	9°♉45'45	0°33'44
minimum elong	-441 May 07 j 04:05	9°♉37'51	0°33'26
max. Earth dist.	-441 May 07 j 05:45	9°♉47'00	1.32391 AU
evening rise	-441 May 14 j 05:00	24°♉50'55	
	-441 May 16 j 17:02	0°♊	
	-441 Jun 03 j 07:09	0°♋	
desc. node	-441 Jun 12 j 22:26	11°♋15'30	
evening max el	-441 Jun 12 j 18:08	11°♋05'19	26°32'37
retrograde	-441 Jun 26 j 18:07	18°♋20'04	
evening set	-441 Jul 03 j 09:15	16°♋28'40	
min. Earth dist.	-441 Jul 07 j 07:21	13°♋51'23	0.59949 AU
inferior conj	-441 Jul 10 j 15:24	11°♋11'28	-4°-38'-43
minimum elong	-441 Jul 10 j 17:25	11°♋07'25	4°38'36
morning rise	-441 Jul 18 j 04:51	6°♋33'05	
direct	-441 Jul 20 j 15:46	6°♋10'59	
morning max el	-441 Jul 28 j 03:44	9°♋48'55	18°15'21
asc. node	-441 Jul 30 j 22:53	12°♋56'02	
	-441 Aug 10 j 09:05	0°♌	
morning set	-441 Aug 13 j 02:00	5°♌05'17	
superior conj	-441 Aug 22 j 13:30	22°♌48'10	1°37'26
minimum elong	-441 Aug 22 j 16:41	23°♌02'37	1°37'13
	-441 Aug 26 j 14:09	0°♍	
max. Earth dist.	-441 Aug 30 j 03:27	6°♍08'58	1.40910 AU
evening rise	-441 Sep 04 j 01:32	14°♍21'40	
desc. node	-441 Sep 08 j 21:47	22°♍07'43	
	-441 Sep 14 j 00:13	0°♎	
greatest brilliancy	-441 Oct 02 j 13:33	25°♎48'57	-0.2m
	-441 Oct 06 j 03:44	0°♏	
evening max el	-441 Oct 08 j 04:07	2°♏07'29	23°06'42
retrograde	-441 Oct 18 j 09:01	8°♏10'21	
evening set	-441 Oct 23 j 04:37	6°♏12'21	
asc. node	-441 Oct 26 j 22:06	2°♏04'53	
	-441 Oct 28 j 10:55	30°℞♎	
inferior conj	-441 Oct 28 j 14:00	29°♎49'23	0°34'17
minimum elong	-441 Oct 28 j 13:12	29°♎52'08	0°33'57
min. Earth dist.	-441 Oct 28 j 06:51	0°♏13'58	0.67639 AU
morning rise	-441 Nov 02 j 21:49	23°♎37'18	
direct	-441 Nov 07 j 03:52	21°♎57'38	
morning max el	-441 Nov 15 j 23:22	27°♎08'03	21°32'40
	-441 Nov 18 j 14:40	0°♏	
greatest brilliancy	-441 Nov 21 j 00:19	2°♏53'28	-0.4m
desc. node	-441 Dec 05 j 21:03	23°♏39'22	
	-441 Dec 10 j 02:08	0°♐	
morning set	-441 Dec 17 j 11:11	11°♐27'21	
max. Earth dist.	-441 Dec 24 j 10:47	22°♐44'36	1.41920 AU
	-441 Dec 28 j 18:46	0°♑	
superior conj	-441 Dec 31 j 22:32	5°♑25'19	-2°00'-36
minimum elong	-441 Dec 31 j 21:15	5°♑19'43	2°00'37
evening rise	-440 Jan 11 j 22:55	25°♑09'04	
	-440 Jan 14 j 14:43	0°♒	
asc. node	-440 Jan 22 j 21:23	14°♒10'58	
evening max el	-440 Jan 28 j 10:22	21°♒17'07	18°09'47
retrograde	-440 Feb 04 j 05:40	24°♒44'30	
evening set	-440 Feb 06 j 20:04	24°♒14'43	
inferior conj	-440 Feb 13 j 15:19	19°♒20'34	3°45'26
minimum elong	-440 Feb 13 j 16:53	19°♒16'56	3°45'19
min. Earth dist.	-440 Feb 16 j 21:00	16°♒21'14	0.60679 AU
morning rise	-440 Feb 20 j 10:45	13°♒35'00	
direct	-440 Feb 27 j 05:04	11°♒23'01	
desc. node	-440 Mar 02 j 20:12	12°♒20'01	
morning max el	-440 Mar 12 j 10:19	19°♒11'06	27°34'51
	-440 Mar 21 j 14:44	0°♓	
	-440 Apr 08 j 20:39	0°♈	
morning set	-440 Apr 13 j 10:37	9°♈09'14	
asc. node	-440 Apr 19 j 20:42	22°♈51'00	
max. Earth dist.	-440 Apr 19 j 18:13	22°♈37'26	1.32415 AU
superior conj	-440 Apr 20 j 16:52	24°♈41'16	0°08'54
minimum elong	-440 Apr 20 j 16:28	24°♈39'03	0°08'48
behind sun begin	-440 Apr 20 j 12:15	24°♈15'57	
behind sun end	-440 Apr 20 j 20:41	25°♈02'10	
	-440 Apr 23 j 03:05	0°♉	
evening rise	-440 Apr 27 j 15:39	9°♉45'25	
	-440 May 08 j 02:50	0°♊	
evening max el	-440 May 24 j 13:11	22°♊18'43	25°20'44
desc. node	-440 May 29 j 19:27	26°♊33'04	
retrograde	-440 Jun 07 j 14:01	29°♊28'37	
evening set	-440 Jun 13 j 04:02	28°♊15'51	
min. Earth dist.	-440 Jun 18 j 01:02	25°♊31'38	0.57924 AU
inferior conj	-440 Jun 21 j 05:09	23°♊19'52	-4°-38'-8
minimum elong	-440 Jun 21 j 03:00	23°♊23'37	4°38'00
morning rise	-440 Jun 29 j 05:52	19°♊04'10	
direct	-440 Jul 01 j 18:27	18°♊44'46	
morning max el	-440 Jul 10 j 07:53	22°♊45'44	18°55'18
	-440 Jul 16 j 05:13	0°♋	
asc. node	-440 Jul 16 j 19:57	0°♋55'56	
morning set	-440 Jul 26 j 21:43	19°♋10'42	
	-440 Aug 01 j 09:48	0°♌	
superior conj	-440 Aug 04 j 10:37	5°♌51'39	1°46'31
minimum elong	-440 Aug 04 j 11:35	5°♌56'17	1°46'29
max. Earth dist.	-440 Aug 11 j 06:39	18°♌31'07	1.38902 AU
evening rise	-440 Aug 15 j 05:21	25°♌26'30	
	-440 Aug 17 j 21:51	0°♍	
desc. node	-440 Aug 25 j 18:50	12°♍40'21	
	-440 Sep 06 j 16:20	0°♎	
evening max el	-440 Sep 19 j 16:21	15°♎40'23	24°26'25
retrograde	-440 Sep 30 j 23:29	22°♎17'16	
evening set	-440 Oct 06 j 09:29	20°♎01'12	
min. Earth dist.	-440 Oct 11 j 02:37	14°♎36'32	0.67404 AU
inferior conj	-440 Oct 11 j 20:09	13°♎37'43	0°-19'-50
minimum elong	-440 Oct 11 j 20:38	13°♎36'06	0°19'38
asc. node	-440 Oct 12 j 19:09	12°♎21'14	
morning rise	-440 Oct 17 j 08:08	7°♎31'11	
direct	-440 Oct 21 j 01:06	6°♎12'24	
morning max el	-440 Oct 28 j 21:04	10°♎43'48	20°18'12
greatest brilliancy	-440 Nov 04 j 12:55	18°♎44'59	-0.6m
	-440 Nov 12 j 10:45	0°♏	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-440 Nov 21 j 18:06	14°♏01'59		
morning set	-440 Nov 25 j 09:05	19°♏36'50		
	-440 Dec 02 j 00:28	0°♐		
max. Earth dist.	-440 Dec 05 j 18:51	5°♐59'54	1.43574 AU	
superior conj	-440 Dec 11 j 15:38	15°♐32'15	-1°-47'-48	
minimum elong	-440 Dec 11 j 09:36	15°♐07'22	1°47'24	
	-440 Dec 20 j 05:44	0°♑		
evening rise	-440 Dec 24 j 09:03	7°♑09'40		
	-439 Jan 07 j 05:17	0°♒		
asc. node	-439 Jan 08 j 18:25	2°♒01'53		
evening max el	-439 Jan 10 j 22:31	4°♒28'45	18°10'21	
retrograde	-439 Jan 17 j 10:46	7°♒55'26		
evening set	-439 Jan 20 j 05:17	7°♒16'41		
inferior conj	-439 Jan 26 j 12:55	2°♒01'45	3°51'15	
minimum elong	-439 Jan 26 j 12:19	2°♒03'20	3°51'14	
	-439 Jan 28 j 10:55	30°℞♑		
min. Earth dist.	-439 Jan 29 j 06:17	29°♑10'05	0.62687 AU	
morning rise	-439 Feb 01 j 17:17	26°♑03'30		
direct	-439 Feb 08 j 17:16	23°♑24'38		
desc. node	-439 Feb 17 j 17:15	26°♑59'01		
	-439 Feb 21 j 08:07	0°♒		
morning max el	-439 Feb 22 j 16:01	1°♒16'37	27°46'16	
	-439 Mar 15 j 18:18	0°♓		
morning set	-439 Mar 28 j 12:17	23°♓31'30		
	-439 Mar 31 j 15:50	0°♈		
max. Earth dist.	-439 Apr 03 j 02:30	5°♈10'30	1.32821 AU	
superior conj	-439 Apr 05 j 02:07	9°♈26'34	0°-17'-21	
minimum elong	-439 Apr 05 j 02:56	9°♈31'00	0°17'12	
asc. node	-439 Apr 06 j 17:44	13°♈01'14		
evening rise	-439 Apr 12 j 03:25	24°♈39'21		
	-439 Apr 14 j 17:09	0°♉		
	-439 May 03 j 07:09	0°♊		
evening max el	-439 May 06 j 03:57	3°♊00'09	23°50'07	
desc. node	-439 May 16 j 16:29	9°♊30'16		
retrograde	-439 May 19 j 22:10	9°♊54'10		
evening set	-439 May 24 j 01:51	9°♊16'01		
min. Earth dist.	-439 May 30 j 14:56	6°♊09'30	0.56225 AU	
inferior conj	-439 Jun 01 j 22:40	4°♊44'32	-3°-58'-51	
minimum elong	-439 Jun 01 j 16:21	4°♊54'13	3°57'37	
morning rise	-439 Jun 10 j 10:33	0°♊45'47		
direct	-439 Jun 13 j 01:46	0°♊28'01		
morning max el	-439 Jun 23 j 02:27	5°♊06'31	19°56'09	
asc. node	-439 Jul 03 j 16:59	19°♊37'31		
	-439 Jul 09 j 05:05	0°♋		
morning set	-439 Jul 11 j 00:45	3°♋38'49		
superior conj	-439 Jul 18 j 22:03	19°♋38'38	1°46'17	
minimum elong	-439 Jul 18 j 21:12	19°♋34'27	1°46'15	
	-439 Jul 24 j 05:32	0°♌		
max. Earth dist.	-439 Jul 24 j 10:27	0°♌23'19	1.36967 AU	
evening rise	-439 Jul 28 j 08:35	7°♌39'05		
	-439 Aug 10 j 16:58	0°♍		
desc. node	-439 Aug 12 j 15:51	2°♍58'53		
evening max el	-439 Sep 02 j 03:44	29°♍16'21	25°39'48	
	-439 Sep 02 j 21:56	0°♎		
retrograde	-439 Sep 14 j 09:29	6°♎17'40		
evening set	-439 Sep 20 j 10:10	3°♎45'55		
	-439 Sep 23 j 23:03	30°℞♍		
min. Earth dist.	-439 Sep 24 j 19:07	28°♍57'11	0.66842 AU	
inferior conj	-439 Sep 25 j 23:34	27°♍26'08	-1°-15'-31	
minimum elong	-439 Sep 26 j 01:28	27°♍20'03	1°14'44	
asc. node	-439 Sep 29 j 16:11	23°♍07'19		
morning rise	-439 Oct 01 j 17:28	21°♍28'02		
direct	-439 Oct 04 j 23:30	20°♍26'57		
morning max el	-439 Oct 12 j 02:11	24°♍28'26	19°17'24	
	-439 Oct 16 j 17:56	0°♎		
greatest brilliancy	-439 Oct 22 j 07:32	7°♎53'21	-0.7m	
morning set	-439 Nov 04 j 11:42	28°♎08'21		
	-439 Nov 05 j 16:21	0°♏		
desc. node	-439 Nov 08 j 15:09	4°♏36'16		
max. Earth dist.	-439 Nov 18 j 09:19	19°♏54'47	1.44646 AU	
superior conj	-439 Nov 21 j 06:50	24°♏30'07	-1°-16'-46	
minimum elong	-439 Nov 20 j 22:43	23°♏57'51	1°15'54	
	-439 Nov 24 j 17:31	0°♐		
evening rise	-439 Dec 05 j 22:14	18°♐14'59		
	-439 Dec 13 j 00:44	0°♑		
evening max el	-439 Dec 25 j 10:50	17°♑50'40	18°29'36	
asc. node	-439 Dec 26 j 15:27	18°♑58'34		
retrograde	-438 Jan 01 j 00:38	21°♑28'04		
evening set	-438 Jan 04 j 00:02	20°♑39'06		
inferior conj	-438 Jan 09 j 23:00	15°♑05'09	3°38'23	
minimum elong	-438 Jan 09 j 20:57	15°♑11'11	3°38'07	
min. Earth dist.	-438 Jan 12 j 01:11	12°♑38'55	0.64420 AU	
morning rise	-438 Jan 15 j 16:30	8°♑58'53		
direct	-438 Jan 22 j 13:01	6°♑08'09		
desc. node	-438 Feb 04 j 14:18	13°♑29'23		
morning max el	-438 Feb 05 j 00:55	13°♑55'37	27°22'05	
	-438 Feb 18 j 02:16	0°♒		
	-438 Mar 08 j 08:33	0°♓		
morning set	-438 Mar 12 j 05:45	7°♓25'12		
max. Earth dist.	-438 Mar 17 j 02:44	17°♓14'17	1.33648 AU	
superior conj	-438 Mar 20 j 07:25	23°♓55'44	0°-44'-2	
minimum elong	-438 Mar 20 j 09:31	24°♓06'50	0°43'38	
	-438 Mar 23 j 03:51	0°♈		
asc. node	-438 Mar 24 j 14:46	3°♈06'27		
evening rise	-438 Mar 27 j 14:33	9°♈26'36		
	-438 Apr 07 j 10:36	0°♉		
evening max el	-438 Apr 17 j 20:54	13°♉37'28	22°15'13	
retrograde	-438 Apr 30 j 17:32	19°♉56'07		
evening set	-438 May 03 j 14:39	19°♉37'50		
desc. node	-438 May 03 j 13:28	19°♉38'27		
min. Earth dist.	-438 May 12 j 03:50	15°♉57'18	0.55200 AU	
inferior conj	-438 May 12 j 23:16	15°♉29'53	-2°-34'-41	
minimum elong	-438 May 12 j 16:44	15°♉39'07	2°32'40	
morning rise	-438 May 21 j 20:38	11°♉35'24		
direct	-438 May 24 j 17:30	11°♉16'46		
morning max el	-438 Jun 05 j 09:51	16°♉44'35	21°16'46	
	-438 Jun 15 j 15:03	0°♊		
asc. node	-438 Jun 20 j 14:02	8°♊50'47		
morning set	-438 Jun 25 j 08:42	18°♊23'20		
	-438 Jun 30 j 22:03	0°♋		
superior conj	-438 Jul 02 j 19:35	3°♋56'56	1°38'47	
minimum elong	-438 Jul 02 j 17:36	3°♋46'40	1°38'38	
max. Earth dist.	-438 Jul 06 j 21:14	12°♋14'12	1.35302 AU	
evening rise	-438 Jul 11 j 06:39	20°♋47'31		
	-438 Jul 16 j 07:01	0°♌		
desc. node	-438 Jul 30 j 12:51	22°♌56'52		
	-438 Aug 04 j 14:35	0°♍		
evening max el	-438 Aug 15 j 15:35	12°♍51'04	26°38'51	
retrograde	-438 Aug 28 j 14:16	20°♍05'37		
evening set	-438 Sep 04 j 04:35	17°♍23'16		
min. Earth dist.	-438 Sep 08 j 05:55	13°♍12'11	0.65941 AU	
inferior conj	-438 Sep 09 j 22:19	11°♍11'19	-2°-10'-57	
minimum elong	-438 Sep 10 j 01:35	11°♍01'31	2°09'44	
morning rise	-438 Sep 15 j 23:44	5°♍24'57		
asc. node	-438 Sep 16 j 13:14	5°♍08'30		
direct	-438 Sep 18 j 21:12	4°♍37'53		
morning max el	-438 Sep 25 j 13:16	8°♍18'37	18°32'18	
	-438 Oct 10 j 16:26	0°♎		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-438 Oct 15 j 14:34	7°♎54'47	
desc. node	-438 Oct 26 j 12:11	25°♎17'48	
	-438 Oct 29 j 11:42	0°♏	
superior conj	-438 Oct 31 j 07:28	2°♏52'18	0°-31'-4
minimum elong	-438 Oct 31 j 03:23	2°♏36'12	0°30'33
max. Earth dist.	-438 Nov 01 j 03:37	4°♏11'31	1.45015 AU
evening rise	-438 Nov 16 j 11:34	28°♏20'41	
	-438 Nov 17 j 12:38	0°♐	
	-438 Dec 07 j 16:26	0°♑	
evening max el	-438 Dec 08 j 20:47	1°♑16'58	19°06'23
asc. node	-438 Dec 13 j 12:29	4°♑45'57	
retrograde	-438 Dec 15 j 19:41	5°♑15'07	
evening set	-438 Dec 19 j 01:19	4°♑14'23	
	-438 Dec 23 j 11:06	30°℞♐	
inferior conj	-438 Dec 24 j 18:05	28°♐23'42	3°12'10
minimum elong	-438 Dec 24 j 15:20	28°♐32'23	3°11'32
min. Earth dist.	-438 Dec 26 j 05:13	26°♐32'53	0.65782 AU
morning rise	-438 Dec 30 j 04:28	22°♐12'14	
direct	-437 Jan 05 j 14:58	19°♐24'05	
morning max el	-437 Jan 18 j 10:27	26°♐55'54	26°28'13
	-437 Jan 21 j 07:41	0°♑	
desc. node	-437 Jan 22 j 11:21	1°♑18'51	
	-437 Feb 11 j 17:19	0°♒	
morning set	-437 Feb 23 j 11:18	20°♒38'21	
max. Earth dist.	-437 Feb 27 j 15:56	28°♒43'34	1.34926 AU
	-437 Feb 28 j 07:22	0°♓	
superior conj	-437 Mar 04 j 06:30	8°♓01'00	-1°-9'-52
minimum elong	-437 Mar 04 j 09:42	8°♓17'28	1°09'21
asc. node	-437 Mar 11 j 11:48	23°♓01'47	
evening rise	-437 Mar 11 j 23:08	24°♓00'24	
	-437 Mar 14 j 22:01	0°♈	
evening max el	-437 Mar 30 j 22:08	24°♈36'56	20°48'54
	-437 Apr 09 j 19:19	0°♉	
retrograde	-437 Apr 11 j 06:26	0°♉05'18	
	-437 Apr 12 j 18:04	30°℞♈	
evening set	-437 Apr 13 j 12:00	29°♈53'26	
desc. node	-437 Apr 20 j 10:29	27°♈12'50	
inferior conj	-437 Apr 22 j 17:30	25°♈55'53	0°-39'-20
minimum elong	-437 Apr 22 j 15:38	25°♈58'33	0°38'40
min. Earth dist.	-437 Apr 23 j 16:57	25°♈22'27	0.55077 AU
morning rise	-437 May 01 j 18:13	21°♈47'44	
direct	-437 May 05 j 04:16	21°♈22'30	
morning max el	-437 May 18 j 07:05	27°♈42'02	22°52'32
	-437 May 20 j 13:39	0°♉	
asc. node	-437 Jun 07 j 11:05	28°♉27'30	
	-437 Jun 08 j 05:15	0°♊	
morning set	-437 Jun 09 j 19:33	3°♊18'24	
superior conj	-437 Jun 17 j 00:01	18°♊36'56	1°25'39
minimum elong	-437 Jun 16 j 21:33	18°♊23'45	1°25'22
max. Earth dist.	-437 Jun 19 j 17:43	24°♊23'28	1.33995 AU
	-437 Jun 22 j 11:03	0°♋	
evening rise	-437 Jun 24 j 18:40	4°♋38'18	
	-437 Jul 09 j 00:22	0°♌	
desc. node	-437 Jul 17 j 09:49	12°♌25'37	
evening max el	-437 Jul 29 j 03:23	26°♌14'57	27°15'56
	-437 Aug 02 j 13:38	0°♍	
retrograde	-437 Aug 11 j 13:27	3°♍34'17	
evening set	-437 Aug 18 j 14:10	0°♍49'42	
	-437 Aug 19 j 14:05	30°℞♌	
min. Earth dist.	-437 Aug 22 j 08:41	27°♌15'48	0.64677 AU
inferior conj	-437 Aug 24 j 14:10	24°♌49'19	-3°-3'-50
minimum elong	-437 Aug 24 j 18:30	24°♌37'24	3°02'29
morning rise	-437 Aug 31 j 00:32	19°♌18'10	
direct	-437 Sep 02 j 15:53	18°♌41'38	
asc. node	-437 Sep 03 j 10:18	18°♌44'45	
morning max el	-437 Sep 09 j 04:03	22°♌10'18	18°04'03
	-437 Sep 15 j 06:07	0°♍	
morning set	-437 Sep 26 j 21:53	19°♍04'51	
	-437 Oct 03 j 11:05	0°♎	
superior conj	-437 Oct 10 j 15:29	11°♎41'06	0°17'58
minimum elong	-437 Oct 10 j 17:37	11°♎49'39	0°17'40
desc. node	-437 Oct 13 j 09:12	16°♎03'37	
max. Earth dist.	-437 Oct 14 j 22:27	18°♎31'24	1.44645 AU
	-437 Oct 22 j 06:00	0°♏	
evening rise	-437 Oct 27 j 03:37	7°♏36'00	
	-437 Nov 10 j 21:11	0°♐	
greatest brilliancy	-437 Nov 14 j 23:02	5°♐51'28	-0.6m
evening max el	-437 Nov 22 j 02:23	14°♐44'49	19°59'03
retrograde	-437 Nov 29 j 17:06	19°♐12'17	
asc. node	-437 Nov 30 j 09:32	19°♐09'37	
evening set	-437 Dec 03 j 06:45	17°♐57'55	
inferior conj	-437 Dec 08 j 19:20	11°♐53'33	2°36'12
minimum elong	-437 Dec 08 j 16:33	12°♐02'49	2°35'19
min. Earth dist.	-437 Dec 09 j 16:56	10°♐41'37	0.66752 AU
morning rise	-437 Dec 14 j 01:47	5°♐38'51	
direct	-437 Dec 19 j 22:27	3°♐04'07	
morning max el	-437 Dec 31 j 19:19	10°♐07'29	25°13'21
desc. node	-436 Jan 09 j 08:26	20°♐04'29	
	-436 Jan 16 j 14:26	0°♑	
	-436 Feb 04 j 08:18	0°♒	
morning set	-436 Feb 06 j 00:04	2°♒57'06	
max. Earth dist.	-436 Feb 09 j 18:04	9°♒49'30	1.36638 AU
superior conj	-436 Feb 15 j 20:31	21°♒34'25	-1°-33'-4
minimum elong	-436 Feb 16 j 00:18	21°♒53'07	1°32'37
	-436 Feb 20 j 01:26	0°♓	
evening rise	-436 Feb 24 j 03:06	8°♓14'23	
asc. node	-436 Feb 26 j 08:50	12°♓42'34	
	-436 Mar 07 j 06:09	0°♈	
evening max el	-436 Mar 12 j 10:30	6°♈13'05	19°39'00
retrograde	-436 Mar 22 j 01:48	10°♈50'23	
evening set	-436 Mar 24 j 05:17	10°♈37'40	
inferior conj	-436 Apr 01 j 20:02	6°♈33'51	1°14'46
minimum elong	-436 Apr 01 j 23:04	6°♈29'03	1°13'45
min. Earth dist.	-436 Apr 04 j 07:15	5°♈00'36	0.55892 AU
desc. node	-436 Apr 06 j 07:33	3°♈49'37	
morning rise	-436 Apr 10 j 13:23	1°♈56'00	
direct	-436 Apr 14 j 22:21	1°♈13'14	
morning max el	-436 Apr 28 j 22:34	8°♈15'21	24°33'19
	-436 May 14 j 21:19	0°♉	
morning set	-436 May 24 j 07:34	18°♉17'40	
asc. node	-436 May 24 j 08:08	18°♉20'38	
	-436 May 29 j 18:11	0°♊	
superior conj	-436 May 31 j 08:51	3°♊30'04	1°08'06
minimum elong	-436 May 31 j 06:26	3°♊16'57	1°07'43
max. Earth dist.	-436 Jun 01 j 22:45	6°♊54'58	1.33074 AU
evening rise	-436 Jun 07 j 16:39	18°♊58'56	
	-436 Jun 13 j 08:03	0°♋	
	-436 Jul 02 j 07:58	0°♌	
desc. node	-436 Jul 03 j 06:51	1°♌12'16	
evening max el	-436 Jul 10 j 13:08	9°♌14'27	27°24'41
retrograde	-436 Jul 24 j 06:40	16°♌33'59	
evening set	-436 Jul 31 j 11:34	13°♌59'05	
min. Earth dist.	-436 Aug 04 j 01:41	10°♌57'11	0.63052 AU
inferior conj	-436 Aug 06 j 20:21	8°♌13'19	-3°-50'-48
minimum elong	-436 Aug 07 j 01:00	8°♌01'51	3°49'43
morning rise	-436 Aug 13 j 16:46	3°♌00'44	
direct	-436 Aug 16 j 04:26	2°♌31'43	
asc. node	-436 Aug 20 j 07:22	3°♌52'46	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning max el	-436 Aug 22 j 19:43	5°♌56'49	17°53'30
	-436 Sep 07 j 10:16	0°♍	
morning set	-436 Sep 08 j 05:06	1°♍23'04	
superior conj	-436 Sep 19 j 23:30	21°♍42'12	0°58'58
minimum elong	-436 Sep 20 j 04:30	22°♍03'07	0°58'22
	-436 Sep 25 j 00:13	0°♎	
max. Earth dist.	-436 Sep 26 j 14:07	2°♎33'29	1.43590 AU
desc. node	-436 Sep 29 j 06:13	6°♎50'08	
evening rise	-436 Oct 05 j 10:08	16°♎30'23	
	-436 Oct 14 j 06:48	0°♏	
greatest brilliancy	-436 Oct 29 j 17:17	21°♏55'11	-0.5m
evening max el	-436 Nov 04 j 02:17	28°♏12'28	21°05'09
	-436 Nov 05 j 23:18	0°♐	
retrograde	-436 Nov 12 j 14:36	3°♐15'43	
asc. node	-436 Nov 16 j 06:36	1°♐59'41	
evening set	-436 Nov 16 j 14:14	1°♐45'46	
	-436 Nov 18 j 11:51	30°℞♏	
inferior conj	-436 Nov 22 j 00:24	25°♏31'11	1°52'55
minimum elong	-436 Nov 21 j 22:05	25°♏39'06	1°52'03
min. Earth dist.	-436 Nov 22 j 10:04	24°♏57'58	0.67355 AU
morning rise	-436 Nov 27 j 05:34	19°♏15'26	
direct	-436 Dec 02 j 10:59	17°♏00'25	
morning max el	-436 Dec 13 j 04:01	23°♏23'38	23°47'26
	-436 Dec 19 j 00:15	0°♐	
desc. node	-436 Dec 26 j 05:29	9°♐29'45	
	-435 Jan 09 j 00:09	0°♑	
morning set	-435 Jan 17 j 13:54	14°♑05'00	
max. Earth dist.	-435 Jan 21 j 13:29	21°♑00'07	1.38661 AU
	-435 Jan 26 j 12:47	0°♒	
superior conj	-435 Jan 28 j 21:43	4°♒26'00	-1°-51'-9
minimum elong	-435 Jan 29 j 00:59	4°♒41'27	1°50'56
evening rise	-435 Feb 06 j 23:52	22°♒01'30	
	-435 Feb 11 j 03:24	0°♓	
asc. node	-435 Feb 12 j 05:54	2°♓03'13	
evening max el	-435 Feb 23 j 09:15	18°♓26'46	18°48'40
retrograde	-435 Mar 03 j 13:24	22°♓24'13	
evening set	-435 Mar 05 j 20:44	22°♓06'33	
inferior conj	-435 Mar 13 j 17:06	17°♓46'14	2°40'33
minimum elong	-435 Mar 13 j 21:30	17°♓38'09	2°39'26
min. Earth dist.	-435 Mar 17 j 00:00	15°♓22'39	0.57464 AU
morning rise	-435 Mar 21 j 18:05	12°♓35'56	
desc. node	-435 Mar 24 j 04:37	11°♓45'11	
direct	-435 Mar 27 j 06:19	11°♓21'57	
morning max el	-435 Apr 10 j 14:14	18°♓51'26	26°04'27
	-435 Apr 19 j 23:01	0°♈	
	-435 May 07 j 05:27	0°♉	
morning set	-435 May 08 j 19:05	3°♉15'36	
asc. node	-435 May 11 j 05:11	8°♉24'56	
superior conj	-435 May 15 j 20:04	18°♉29'38	0°47'07
minimum elong	-435 May 15 j 18:10	18°♉19'12	0°46'44
max. Earth dist.	-435 May 16 j 09:28	19°♉43'00	1.32533 AU
	-435 May 21 j 03:37	0°♊	
evening rise	-435 May 22 j 21:29	3°♊39'47	
	-435 Jun 06 j 03:06	0°♋	
desc. node	-435 Jun 20 j 03:52	18°♋58'59	
evening max el	-435 Jun 22 j 18:32	21°♋37'49	27°01'01
retrograde	-435 Jul 06 j 17:05	28°♋55'15	
evening set	-435 Jul 13 j 16:34	26°♋44'21	
min. Earth dist.	-435 Jul 17 j 08:33	24°♋02'39	0.61130 AU
inferior conj	-435 Jul 20 j 13:37	21°♋15'39	-4°-26'-29
minimum elong	-435 Jul 20 j 17:10	21°♋07'56	4°26'00
morning rise	-435 Jul 27 j 20:47	16°♋24'19	
direct	-435 Jul 30 j 07:11	16°♋00'20	
morning max el	-435 Aug 06 j 09:17	19°♋30'54	18°01'39
asc. node	-435 Aug 07 j 04:26	20°♋19'35	
	-435 Aug 14 j 02:42	0°♌	
morning set	-435 Aug 22 j 06:17	14°♌33'07	
	-435 Aug 30 j 17:19	0°♍	
superior conj	-435 Sep 01 j 10:51	3°♍04'14	1°27'06
minimum elong	-435 Sep 01 j 15:11	3°♍23'20	1°26'42
max. Earth dist.	-435 Sep 09 j 00:20	16°♍01'23	1.41995 AU
evening rise	-435 Sep 15 j 01:25	25°♍51'48	
desc. node	-435 Sep 16 j 03:14	27°♍34'19	
	-435 Sep 17 j 16:15	0°♎	
	-435 Oct 08 j 03:55	0°♏	
greatest brilliancy	-435 Oct 13 j 02:46	6°♏21'16	-0.3m
evening max el	-435 Oct 17 j 20:30	11°♏41'04	22°20'53
retrograde	-435 Oct 27 j 10:17	17°♏22'43	
evening set	-435 Oct 31 j 22:00	15°♏35'28	
asc. node	-435 Nov 03 j 03:40	13°♏21'55	
inferior conj	-435 Nov 06 j 07:16	9°♏14'28	1°04'11
minimum elong	-435 Nov 06 j 05:49	9°♏19'27	1°03'36
min. Earth dist.	-435 Nov 06 j 06:09	9°♏18'17	0.67625 AU
morning rise	-435 Nov 11 j 13:29	3°♏00'06	
direct	-435 Nov 16 j 03:47	1°♏07'25	
morning max el	-435 Nov 25 j 15:14	6°♏44'09	22°20'08
greatest brilliancy	-435 Nov 30 j 06:45	11°♏57'23	-0.3m
desc. node	-435 Dec 13 j 02:31	29°♏23'11	
	-435 Dec 13 j 12:37	0°♐	
morning set	-435 Dec 28 j 23:09	23°♐48'05	
	-434 Jan 01 j 17:38	0°♑	
max. Earth dist.	-434 Jan 03 j 09:59	2°♑49'09	1.40775 AU
superior conj	-434 Jan 11 j 05:13	16°♑22'58	-2°00'-41
minimum elong	-434 Jan 11 j 06:12	16°♑27'21	2°00'42
	-434 Jan 18 j 15:24	0°♒	
evening rise	-434 Jan 21 j 10:13	5°♒13'05	
asc. node	-434 Jan 30 j 02:58	20°♒56'03	
	-434 Feb 05 j 12:55	0°♓	
evening max el	-434 Feb 06 j 15:37	1°♓09'31	18°18'21
retrograde	-434 Feb 13 j 19:29	4°♓43'04	
evening set	-434 Feb 16 j 07:32	4°♓18'02	
inferior conj	-434 Feb 23 j 11:01	29°♒36'44	3°30'47
minimum elong	-434 Feb 23 j 13:56	29°♒30'30	3°30'23
	-434 Feb 23 j 00:05	30°℞♒	
min. Earth dist.	-434 Feb 26 j 20:53	26°♒43'09	0.59470 AU
morning rise	-434 Mar 02 j 16:49	24°♒01'44	
direct	-434 Mar 09 j 03:16	22°♒09'44	
desc. node	-434 Mar 11 j 01:40	22°♒19'34	
morning max el	-434 Mar 23 j 10:26	29°♒53'15	27°11'23
	-434 Mar 23 j 13:11	0°♓	
	-434 Apr 13 j 20:26	0°♈	
morning set	-434 Apr 23 j 04:21	18°♈04'56	
asc. node	-434 Apr 28 j 02:14	28°♈34'50	
	-434 Apr 28 j 17:50	0°♉	
superior conj	-434 Apr 30 j 07:50	3°♉28'14	0°23'27
minimum elong	-434 Apr 30 j 06:48	3°♉22'34	0°23'13
max. Earth dist.	-434 Apr 29 j 22:17	2°♉35'48	1.32356 AU
evening rise	-434 May 07 j 06:35	18°♉31'24	
	-434 May 12 j 23:09	0°♊	
	-434 Jun 01 j 13:30	0°♋	
evening max el	-434 Jun 04 j 17:38	3°♋17'00	26°05'10
desc. node	-434 Jun 07 j 00:54	5°♋20'13	
retrograde	-434 Jun 18 j 18:53	10°♋30'17	
evening set	-434 Jun 25 j 00:35	8°♋55'18	
min. Earth dist.	-434 Jun 29 j 06:26	6°♋16'53	0.59072 AU
inferior conj	-434 Jul 02 j 14:20	3°♋46'30	-4°-42'-26
minimum elong	-434 Jul 02 j 14:46	3°♋45'40	4°42'26
	-434 Jul 08 j 10:42	30°℞♊	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning rise	-434 Jul	10 j 08:33	29°♊17'44	
direct	-434 Jul	12 j 19:54	28°♊56'57	
	-434 Jul	17 j 00:09	0°♋	
morning max el	-434 Jul	20 j 17:38	2°♋43'31	18°29'42
asc. node	-434 Jul	25 j 01:28	7°♋49'27	
morning set	-434 Aug	05 j 20:22	28°♋21'25	
	-434 Aug	06 j 16:51	0°♌	
superior conj	-434 Aug	14 j 21:16	15°♌35'03	1°42'34
minimum elong	-434 Aug	14 j 23:30	15°♌45'25	1°42'27
max. Earth dist.	-434 Aug	22 j 05:34	28°♌47'53	1.40067 AU
	-434 Aug	22 j 22:13	0°♍	
evening rise	-434 Aug	26 j 14:45	6°♍15'47	
desc. node	-434 Sep	03 j 00:15	18°♍12'34	
	-434 Sep	10 j 19:19	0°♎	
evening max el	-434 Sep	30 j 10:27	25°♎12'56	23°41'01
	-434 Oct	06 j 07:29	0°♏	
retrograde	-434 Oct	11 j 02:50	1°♏30'52	
	-434 Oct	15 j 10:36	30°℞♎	
evening set	-434 Oct	16 j 04:22	29°♎25'20	
min. Earth dist.	-434 Oct	21 j 02:42	23°♎40'54	0.67577 AU
asc. node	-434 Oct	21 j 00:42	23°♎47'44	
inferior conj	-434 Oct	21 j 14:09	23°♎01'50	0°11'37
minimum elong	-434 Oct	21 j 13:52	23°♎02'47	0°11'30
transit middle	-434 Oct	21 j 13:52	23°♎02'47	0°11'30
transit begin	-434 Oct	21 j 11:57	23°♎09'21	
transit end	-434 Oct	21 j 15:48	22°♎56'13	
morning rise	-434 Oct	26 j 23:30	16°♎51'37	
direct	-434 Oct	30 j 23:50	15°♎20'55	
morning max el	-434 Nov	08 j 08:28	20°♎13'37	20°59'27
greatest brilliancy	-434 Nov	13 j 23:04	26°♎45'40	-0.5m
	-434 Nov	16 j 10:01	0°♏	
desc. node	-434 Nov	29 j 23:34	19°♏37'10	
	-434 Dec	06 j 18:17	0°♐	
morning set	-434 Dec	08 j 05:38	2°♐17'40	
max. Earth dist.	-434 Dec	16 j 13:50	15°♐35'53	1.42685 AU
superior conj	-434 Dec	23 j 13:40	27°♐13'10	-1°-57'-20
minimum elong	-434 Dec	23 j 10:21	26°♐59'09	1°57'13
	-434 Dec	25 j 04:48	0°♑	
evening rise	-433 Jan	04 j 06:24	17°♑41'57	
	-433 Jan	11 j 05:08	0°♒	
asc. node	-433 Jan	17 j 00:00	9°♒12'35	
evening max el	-433 Jan	21 j 02:31	14°♒12'58	18°07'43
retrograde	-433 Jan	27 j 17:27	17°♒38'08	
evening set	-433 Jan	30 j 09:42	17°♒04'30	
inferior conj	-433 Feb	05 j 23:36	12°♒01'21	3°50'35
minimum elong	-433 Feb	06 j 00:11	11°♒59'54	3°50'34
min. Earth dist.	-433 Feb	09 j 00:41	9°♒02'49	0.61562 AU
morning rise	-433 Feb	12 j 12:10	6°♒10'00	
direct	-433 Feb	19 j 10:20	3°♒44'58	
desc. node	-433 Feb	25 j 22:43	5°♒37'57	
morning max el	-433 Mar	05 j 12:52	11°♒34'43	27°44'14
	-433 Mar	20 j 01:19	0°♓	
	-433 Apr	06 j 02:04	0°♈	
morning set	-433 Apr	07 j 09:25	2°♈39'04	
max. Earth dist.	-433 Apr	13 j 09:26	15°♈20'18	1.32545 AU
superior conj	-433 Apr	14 j 18:28	18°♈19'57	0°-2'-7
minimum elong	-433 Apr	14 j 18:34	18°♈20'29	0°02'07
behind sun begin	-433 Apr	14 j 13:31	17°♈52'55	
behind sun end	-433 Apr	14 j 23:38	18°♈48'04	
asc. node	-433 Apr	14 j 23:17	18°♈46'09	
	-433 Apr	20 j 03:11	0°♉	
evening rise	-433 Apr	21 j 17:55	3°♉26'29	
	-433 May	06 j 02:34	0°♊	
evening max el	-433 May	17 j 10:29	14°♊14'47	24°43'39
desc. node	-433 May	24 j 21:55	19°♊42'49	
retrograde	-433 May	31 j 09:32	21°♊18'52	
evening set	-433 Jun	05 j 09:34	20°♊22'14	
min. Earth dist.	-433 Jun	10 j 22:00	17°♊30'10	0.57148 AU
inferior conj	-433 Jun	13 j 19:28	15°♊36'46	-4°-26'-50
minimum elong	-433 Jun	13 j 15:20	15°♊43'34	4°26'22
morning rise	-433 Jun	22 j 00:56	11°♊29'02	
direct	-433 Jun	24 j 14:42	11°♊10'20	
morning max el	-433 Jul	03 j 17:51	15°♊25'25	19°18'35
asc. node	-433 Jul	11 j 22:30	26°♊08'24	
	-433 Jul	14 j 04:38	0°♋	
morning set	-433 Jul	20 j 19:32	12°♋37'33	
superior conj	-433 Jul	29 j 01:00	28°♋58'28	1°47'25
minimum elong	-433 Jul	29 j 01:08	28°♋59'06	1°47'25
	-433 Jul	29 j 13:40	0°♌	
max. Earth dist.	-433 Aug	04 j 08:44	10°♌56'27	1.38062 AU
evening rise	-433 Aug	08 j 04:57	17°♌50'25	
	-433 Aug	15 j 09:31	0°♍	
desc. node	-433 Aug	20 j 21:15	8°♍40'00	
	-433 Sep	05 j 03:11	0°♎	
evening max el	-433 Sep	12 j 22:12	8°♎47'50	24°58'56
retrograde	-433 Sep	24 j 15:15	15°♎35'39	
evening set	-433 Sep	30 j 07:38	13°♎12'30	
min. Earth dist.	-433 Oct	04 j 21:15	8°♎03'02	0.67209 AU
inferior conj	-433 Oct	05 j 19:19	6°♎50'23	0°-43'-22
minimum elong	-433 Oct	05 j 20:24	6°♎46'50	0°42'55
asc. node	-433 Oct	07 j 21:43	4°♎09'42	
morning rise	-433 Oct	11 j 09:38	0°♎47'12	
	-433 Oct	12 j 20:55	30°℞♍	
direct	-433 Oct	14 j 21:46	29°♍36'17	
	-433 Oct	17 j 00:22	0°♎	
morning max el	-433 Oct	22 j 09:22	3°♎53'16	19°50'32
greatest brilliancy	-433 Oct	30 j 02:20	13°♎27'13	-0.6m
	-433 Nov	10 j 06:55	0°♏	
desc. node	-433 Nov	16 j 20:35	10°♏05'19	
morning set	-433 Nov	17 j 02:21	10°♏27'39	
max. Earth dist.	-433 Nov	29 j 01:28	29°♏12'16	1.44117 AU
	-433 Nov	29 j 13:27	0°♐	
superior conj	-433 Dec	03 j 19:09	6°♐48'32	-1°-36'-51
minimum elong	-433 Dec	03 j 11:35	6°♐17'55	1°36'12
evening rise	-433 Dec	17 j 08:04	29°♐19'47	
	-433 Dec	17 j 17:31	0°♑	
asc. node	-432 Jan	03 j 21:01	26°♑41'51	
evening max el	-432 Jan	04 j 15:00	27°♑29'16	18°16'16
	-432 Jan	07 j 18:05	0°♒	
retrograde	-432 Jan	11 j 02:51	0°♒59'12	
evening set	-432 Jan	13 j 23:22	0°♒16'08	
	-432 Jan	14 j 11:25	30°℞♑	
inferior conj	-432 Jan	20 j 02:56	24°♑52'31	3°47'43
minimum elong	-432 Jan	20 j 01:37	24°♑56'09	3°47'37
min. Earth dist.	-432 Jan	22 j 13:49	22°♑10'19	0.63468 AU
morning rise	-432 Jan	26 j 02:12	18°♑50'28	
direct	-432 Feb	02 j 01:36	16°♑05'04	
desc. node	-432 Feb	12 j 19:46	21°♑08'28	
morning max el	-432 Feb	15 j 20:18	23°♑55'37	27°40'10
	-432 Feb	21 j 07:57	0°♒	
	-432 Mar	12 j 08:47	0°♓	
morning set	-432 Mar	21 j 07:59	16°♓50'14	
max. Earth dist.	-432 Mar	26 j 14:57	27°♓43'03	1.33120 AU
	-432 Mar	27 j 16:47	0°♈	
superior conj	-432 Mar	29 j 02:16	2°♈58'57	0°-28'-42
minimum elong	-432 Mar	29 j 03:38	3°♈06'17	0°28'25
asc. node	-432 Mar	31 j 20:20	8°♈54'50	
evening rise	-432 Apr	05 j 05:38	18°♈18'28	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-432 Apr 11 j 00:40	0°♉	
evening max el	-432 Apr 28 j 01:12	24°♉50'31	23°09'23
	-432 May 05 j 03:13	0°♊	
desc. node	-432 May 10 j 18:56	1°♊31'01	
retrograde	-432 May 11 j 11:56	1°♊32'09	
evening set	-432 May 15 j 01:38	1°♊04'11	
	-432 May 18 j 03:00	30°℞♉	
min. Earth dist.	-432 May 22 j 10:52	27°♉45'00	0.55689 AU
inferior conj	-432 May 24 j 04:59	26°♉43'30	-3°-28'-26
minimum elong	-432 May 23 j 21:54	26°♉53'54	3°26'40
morning rise	-432 Jun 01 j 21:21	22°♉49'01	
direct	-432 Jun 04 j 14:33	22°♉31'18	
morning max el	-432 Jun 15 j 07:47	27°♉29'03	20°28'16
	-432 Jun 17 j 18:30	0°♊	
asc. node	-432 Jun 27 j 19:33	15°♊05'06	
morning set	-432 Jul 04 j 00:59	27°♊14'23	
	-432 Jul 05 j 09:18	0°♋	
superior conj	-432 Jul 11 j 17:15	13°♋01'08	1°43'53
minimum elong	-432 Jul 11 j 15:51	12°♋54'00	1°43'49
max. Earth dist.	-432 Jul 16 j 15:09	22°♋46'34	1.36217 AU
	-432 Jul 20 j 10:35	0°♌	
evening rise	-432 Jul 20 j 16:50	0°♌28'58	
desc. node	-432 Aug 06 j 18:16	28°♌51'21	
	-432 Aug 07 j 12:51	0°♍	
evening max el	-432 Aug 25 j 09:37	22°♍24'09	26°07'00
retrograde	-432 Sep 06 j 23:04	29°♍32'20	
evening set	-432 Sep 13 j 05:58	26°♍54'56	
min. Earth dist.	-432 Sep 17 j 11:30	22°♍22'25	0.66508 AU
inferior conj	-432 Sep 18 j 21:00	20°♍38'03	-1°-39'-10
minimum elong	-432 Sep 18 j 23:30	20°♍30'16	1°38'11
asc. node	-432 Sep 23 j 18:45	15°♍23'55	
morning rise	-432 Sep 24 j 17:58	14°♍44'51	
direct	-432 Sep 27 j 20:02	13°♍50'16	
morning max el	-432 Oct 04 j 17:22	17°♍41'35	18°56'13
	-432 Oct 14 j 01:48	0°♎	
morning set	-432 Oct 26 j 13:47	19°♎27'33	
	-432 Nov 02 j 06:35	0°♏	
desc. node	-432 Nov 02 j 17:36	0°♏43'17	
max. Earth dist.	-432 Nov 10 j 18:05	13°♏19'22	1.44896 AU
superior conj	-432 Nov 12 j 01:49	15°♏24'22	0°-58'-35
minimum elong	-432 Nov 11 j 18:43	14°♏56'20	0°57'46
	-432 Nov 21 j 06:24	0°♐	
evening rise	-432 Nov 27 j 11:16	10°♐00'01	
	-432 Dec 09 j 22:28	0°♑	
evening max el	-432 Dec 18 j 02:29	10°♑53'02	18°43'08
asc. node	-432 Dec 20 j 18:03	13°♑10'49	
retrograde	-432 Dec 24 j 19:26	14°♑38'33	
evening set	-432 Dec 27 j 21:14	13°♑44'50	
inferior conj	-431 Jan 02 j 17:16	8°♑03'13	3°28'40
minimum elong	-431 Jan 02 j 14:49	8°♑10'38	3°28'13
min. Earth dist.	-431 Jan 04 j 12:52	5°♑51'15	0.65044 AU
morning rise	-431 Jan 08 j 07:16	1°♑54'10	
	-431 Jan 11 j 02:18	30°℞♐	
direct	-431 Jan 14 j 23:58	29°♐03'05	
	-431 Jan 19 j 04:54	0°♑	
morning max el	-431 Jan 28 j 06:00	6°♑46'01	27°02'21
desc. node	-431 Jan 29 j 16:49	8°♑15'52	
	-431 Feb 15 j 04:46	0°♒	
morning set	-431 Mar 04 j 20:54	0°♓28'21	
	-431 Mar 04 j 15:00	0°♓	
max. Earth dist.	-431 Mar 09 j 10:54	9°♓32'41	1.34131 AU
superior conj	-431 Mar 13 j 05:12	17°♓18'34	0°-55'-13
minimum elong	-431 Mar 13 j 07:49	17°♓32'13	0°54'44
asc. node	-431 Mar 18 j 17:22	28°♓56'20	

	-431 Mar 19 j 05:27	0°♈	
evening rise	-431 Mar 20 j 15:56	3°♈00'38	
	-431 Apr 04 j 23:43	0°♉	
evening max el	-431 Apr 09 j 20:54	5°♉33'55	21°36'52
retrograde	-431 Apr 22 j 03:53	11°♉33'09	
evening set	-431 Apr 24 j 16:05	11°♉18'55	
desc. node	-431 Apr 27 j 15:59	10°♉27'48	
inferior conj	-431 May 04 j 01:10	7°♉17'08	-1°-47'-53
minimum elong	-431 May 03 j 20:13	7°♉24'06	1°46'12
min. Earth dist.	-431 May 03 j 23:50	7°♉19'00	0.55019 AU
morning rise	-431 May 13 j 01:03	3°♉19'16	
direct	-431 May 16 j 01:59	2°♉59'00	
morning max el	-431 May 28 j 10:42	8°♉49'32	21°56'14
	-431 Jun 12 j 08:23	0°♊	
asc. node	-431 Jun 14 j 16:37	4°♊29'13	
morning set	-431 Jun 18 j 10:24	12°♊04'11	
superior conj	-431 Jun 25 j 18:07	27°♊30'13	1°33'50
minimum elong	-431 Jun 25 j 15:51	27°♊18'19	1°33'37
	-431 Jun 26 j 22:48	0°♋	
max. Earth dist.	-431 Jun 29 j 05:40	4°♋42'34	1.34692 AU
evening rise	-431 Jul 03 j 21:24	13°♋57'11	
	-431 Jul 12 j 17:09	0°♌	
desc. node	-431 Jul 24 j 15:17	18°♌38'29	
	-431 Aug 02 j 08:53	0°♍	
evening max el	-431 Aug 07 j 21:23	5°♍55'08	26°57'38
retrograde	-431 Aug 21 j 01:46	13°♍13'27	
evening set	-431 Aug 27 j 21:01	10°♍28'39	
min. Earth dist.	-431 Aug 31 j 19:10	6°♍33'43	0.65449 AU
inferior conj	-431 Sep 02 j 17:08	4°♍20'55	-2°-33'-52
minimum elong	-431 Sep 02 j 20:55	4°♍09'58	2°32'33
	-431 Sep 06 j 22:26	30°℞♌	
morning rise	-431 Sep 08 j 22:14	28°♌40'45	
asc. node	-431 Sep 10 j 15:49	28°♌04'40	
direct	-431 Sep 11 j 16:40	27°♌58'45	
	-431 Sep 16 j 13:03	0°♍	
morning max el	-431 Sep 18 j 06:26	1°♍33'35	18°18'07
morning set	-431 Oct 07 j 04:58	29°♍50'24	
	-431 Oct 07 j 07:19	0°♎	
desc. node	-431 Oct 20 j 14:38	21°♎27'15	
superior conj	-431 Oct 22 j 02:56	23°♎50'55	0°-9'-54
minimum elong	-431 Oct 22 j 01:38	23°♎45'48	0°09'45
behind sun begin	-431 Oct 21 j 16:38	23°♎10'13	
behind sun end	-431 Oct 22 j 10:38	24°♎21'22	
max. Earth dist.	-431 Oct 24 j 12:30	27°♎38'00	1.44944 AU
	-431 Oct 26 j 00:37	0°♏	
evening rise	-431 Nov 07 j 14:44	19°♏42'02	
	-431 Nov 14 j 05:06	0°♐	
greatest brilliancy	-431 Nov 22 j 15:05	12°♐50'40	-0.7m
evening max el	-431 Dec 01 j 10:47	24°♐20'32	19°27'02
asc. node	-431 Dec 07 j 15:05	28°♐24'34	
retrograde	-431 Dec 08 j 15:52	28°♐30'32	
evening set	-431 Dec 12 j 00:33	27°♐24'27	
inferior conj	-431 Dec 17 j 15:19	21°♐27'41	2°57'56
minimum elong	-431 Dec 17 j 12:29	21°♐36'52	2°57'11
min. Earth dist.	-431 Dec 18 j 20:35	19°♐52'55	0.66238 AU
morning rise	-431 Dec 22 j 23:38	15°♐14'22	
direct	-431 Dec 29 j 04:35	12°♐30'35	
morning max el	-430 Jan 10 j 15:21	19°♐52'49	25°58'18
desc. node	-430 Jan 16 j 13:52	26°♐32'02	
	-430 Jan 19 j 08:00	0°♑	
	-430 Feb 08 j 07:04	0°♒	
morning set	-430 Feb 15 j 20:03	13°♒21'03	
max. Earth dist.	-430 Feb 19 j 18:53	20°♒48'44	1.35599 AU
	-430 Feb 24 j 10:37	0°♓	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-430 Feb 25 j 00:52	1°♓11'54	-1°-20'-10	
minimum elong	-430 Feb 25 j 04:24	1°♓29'50	1°19'39	
evening rise	-430 Mar 04 j 22:52	17°♓27'06		
asc. node	-430 Mar 05 j 14:26	18°♓46'27		
	-430 Mar 11 j 08:42	0°♈		
evening max el	-430 Mar 23 j 02:54	16°♈49'01	20°16'58	
retrograde	-430 Apr 02 j 17:48	21°♈54'39		
evening set	-430 Apr 04 j 21:04	21°♈43'10		
inferior conj	-430 Apr 13 j 21:18	17°♈45'07	0°11'12	
minimum elong	-430 Apr 13 j 21:49	17°♈44'22	0°11'01	
transit middle	-430 Apr 13 j 21:49	17°♈44'22	0°11'01	
transit begin	-430 Apr 13 j 18:55	17°♈48'39		
transit end	-430 Apr 14 j 00:43	17°♈40'04		
desc. node	-430 Apr 14 j 13:01	17°♈21'51		
min. Earth dist.	-430 Apr 15 j 13:46	16°♈45'26	0.55313 AU	
morning rise	-430 Apr 22 j 20:11	13°♈25'12		
direct	-430 Apr 26 j 14:57	12°♈53'59		
morning max el	-430 May 10 j 04:50	19°♈34'09	23°35'32	
	-430 May 18 j 22:06	0°♉		
asc. node	-430 Jun 01 j 13:42	24°♉13'33		
morning set	-430 Jun 02 j 21:57	27°♉01'23		
	-430 Jun 04 j 07:44	0°♊		
superior conj	-430 Jun 10 j 00:43	12°♊16'37	1°18'42	
minimum elong	-430 Jun 09 j 22:12	12°♊03'07	1°18'21	
max. Earth dist.	-430 Jun 12 j 05:51	17°♊00'16	1.33556 AU	
evening rise	-430 Jun 17 j 14:07	28°♊02'06		
	-430 Jun 18 j 13:51	0°♋		
	-430 Jul 05 j 22:11	0°♌		
desc. node	-430 Jul 11 j 12:19	7°♌51'07		
evening max el	-430 Jul 21 j 08:40	19°♌10'30	27°23'30	
retrograde	-430 Aug 03 j 22:40	26°♌30'36		
evening set	-430 Aug 11 j 01:54	23°♌48'45		
min. Earth dist.	-430 Aug 14 j 18:08	20°♌29'07	0.64024 AU	
inferior conj	-430 Aug 17 j 05:15	17°♌53'58	-3°-24'-48	
minimum elong	-430 Aug 17 j 09:51	17°♌41'52	3°23'29	
morning rise	-430 Aug 23 j 19:46	12°♌30'05		
direct	-430 Aug 26 j 09:09	11°♌57'09		
asc. node	-430 Aug 28 j 12:53	12°♌20'47		
morning max el	-430 Sep 01 j 21:54	15°♌23'38	17°57'16	
	-430 Sep 12 j 04:47	0°♍		
morning set	-430 Sep 18 j 23:15	11°♍31'49		
	-430 Sep 29 j 22:14	0°♎		
superior conj	-430 Oct 01 j 19:56	3°♎07'10	0°36'47	
minimum elong	-430 Oct 01 j 23:49	3°♎23'00	0°36'16	
desc. node	-430 Oct 07 j 11:39	12°♎13'47		
max. Earth dist.	-430 Oct 07 j 06:01	11°♎51'22	1.44275 AU	
evening rise	-430 Oct 18 j 00:41	28°♎43'16		
	-430 Oct 18 j 20:37	0°♏		
	-430 Nov 08 j 03:33	0°♐		
greatest brilliancy	-430 Nov 08 j 08:18	0°♐15'57	-0.5m	
evening max el	-430 Nov 14 j 14:08	7°♐48'50	20°25'49	
retrograde	-430 Nov 22 j 13:26	12°♐30'39		
asc. node	-430 Nov 24 j 12:09	12°♐09'02		
evening set	-430 Nov 26 j 07:04	11°♐09'59		
inferior conj	-430 Dec 01 j 18:27	5°♐01'09	2°18'34	
minimum elong	-430 Dec 01 j 15:49	5°♐10'04	2°17'41	
min. Earth dist.	-430 Dec 02 j 10:53	4°♐05'36	0.67055 AU	
	-430 Dec 05 j 17:55	30°℞♏		
morning rise	-430 Dec 07 j 00:03	28°♏45'48		
direct	-430 Dec 12 j 14:26	26°♏18'37		
	-430 Dec 20 j 14:46	0°♐		
morning max el	-430 Dec 23 j 23:41	3°♐05'49	24°37'28	
desc. node	-429 Jan 03 j 10:55	15°♐36'07		
	-429 Jan 13 j 13:08	0°♑		
morning set	-429 Jan 28 j 23:47	25°♑11'24		
	-429 Jan 31 j 16:33	0°♒		
max. Earth dist.	-429 Feb 01 j 16:58	1°♒50'50	1.37473 AU	
superior conj	-429 Feb 08 j 09:56	14°♒28'59	-1°-41'-33	
minimum elong	-429 Feb 08 j 13:40	14°♒47'08	1°41'11	
	-429 Feb 16 j 05:57	0°♓		
evening rise	-429 Feb 17 j 00:04	1°♓30'13		
asc. node	-429 Feb 20 j 11:29	8°♓19'18		
evening max el	-429 Mar 05 j 20:00	28°♓41'49	19°15'09	
	-429 Mar 07 j 07:24	0°♈		
retrograde	-429 Mar 14 j 18:50	2°♈59'47		
evening set	-429 Mar 16 j 23:52	2°♈45'13		
	-429 Mar 23 j 02:58	30°℞♓		
inferior conj	-429 Mar 25 j 06:51	28°♓35'23	1°55'27	
minimum elong	-429 Mar 25 j 10:56	28°♓28'31	1°54'13	
min. Earth dist.	-429 Mar 28 j 04:46	26°♓38'53	0.56493 AU	
desc. node	-429 Apr 01 j 10:05	24°♓16'27		
morning rise	-429 Apr 02 j 18:04	23°♓43'33		
direct	-429 Apr 07 j 15:01	22°♓48'48		
	-429 Apr 21 j 17:45	0°♈		
morning max el	-429 Apr 21 j 19:25	0°♈03'59	25°14'09	
	-429 May 12 j 10:34	0°♉		
morning set	-429 May 18 j 09:56	12°♉00'26		
asc. node	-429 May 19 j 10:46	14°♉11'56		
superior conj	-429 May 25 j 10:46	27°♉12'53	0°59'35	
minimum elong	-429 May 25 j 08:31	27°♉00'37	0°59'10	
max. Earth dist.	-429 May 26 j 13:50	29°♉40'13	1.32802 AU	
	-429 May 26 j 17:28	0°♊		
evening rise	-429 Jun 01 j 15:21	12°♊32'26		
	-429 Jun 10 j 17:51	0°♋		
desc. node	-429 Jun 28 j 09:21	26°♋14'52		
	-429 Jul 01 j 18:15	0°♌		
evening max el	-429 Jul 03 j 17:11	1°♌56'58	27°18'49	
retrograde	-429 Jul 17 j 12:57	9°♌14'55		
evening set	-429 Jul 24 j 16:52	6°♌48'52		
min. Earth dist.	-429 Jul 28 j 06:54	3°♌57'12	0.62261 AU	
inferior conj	-429 Jul 31 j 06:25	1°♌10'15	-4°-7'-47	
minimum elong	-429 Jul 31 j 10:48	0°♌59'57	4°06'55	
	-429 Aug 01 j 12:50	30°℞♋		
morning rise	-429 Aug 07 j 07:17	26°♋06'07		
direct	-429 Aug 09 j 18:13	25°♋39'22		
asc. node	-429 Aug 15 j 09:58	28°♋04'12		
morning max el	-429 Aug 16 j 12:59	29°♋05'39	17°54'37	
	-429 Aug 17 j 10:00	0°♌		
morning set	-429 Sep 01 j 14:53	24°♌14'49		
	-429 Sep 04 j 19:46	0°♍		
superior conj	-429 Sep 12 j 15:50	13°♍43'36	1°12'33	
minimum elong	-429 Sep 12 j 20:52	14°♍05'06	1°11'59	
max. Earth dist.	-429 Sep 19 j 20:09	25°♍43'11	1.42970 AU	
	-429 Sep 22 j 11:36	0°♎		
desc. node	-429 Sep 24 j 08:41	3°♎00'04		
evening rise	-429 Sep 27 j 08:53	7°♎44'34		
	-429 Oct 12 j 03:18	0°♏		
greatest brilliancy	-429 Oct 23 j 13:24	15°♏38'37	-0.4m	
evening max el	-429 Oct 28 j 11:42	21°♏17'40	21°36'26	
retrograde	-429 Nov 06 j 10:15	26°♏36'30		
evening set	-429 Nov 10 j 14:54	24°♏59'14		
asc. node	-429 Nov 11 j 09:12	24°♏20'18		
inferior conj	-429 Nov 16 j 00:30	18°♏41'36	1°32'48	
minimum elong	-429 Nov 15 j 22:32	18°♏48'25	1°32'02	
min. Earth dist.	-429 Nov 16 j 05:27	18°♏24'30	0.67518 AU	
morning rise	-429 Nov 21 j 05:54	12°♏26'24		
direct	-429 Nov 26 j 04:52	10°♏20'46		
morning max el	-429 Dec 06 j 09:01	16°♏23'38	23°09'55	
greatest brilliancy	-429 Dec 11 j 08:40	21°♏58'56	-0.3m	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-429 Dec 17 j 13:28	0°♐	
desc. node	-429 Dec 21 j 07:57	5°♐14'36	
	-428 Jan 06 j 14:19	0°♑	
morning set	-428 Jan 10 j 01:52	5°♑43'36	
max. Earth dist.	-428 Jan 14 j 12:21	13°♑16'10	1.39577 AU
superior conj	-428 Jan 22 j 04:14	26°♑58'55	-1°-56'-29
minimum elong	-428 Jan 22 j 06:48	27°♑10'43	1°56'23
	-428 Jan 23 j 19:14	0°♒	
evening rise	-428 Jan 31 j 16:48	15°♒03'10	
asc. node	-428 Feb 07 j 08:31	27°♒28'53	
	-428 Feb 08 j 19:25	0°♓	
evening max el	-428 Feb 16 j 22:18	11°♓08'23	18°33'13
retrograde	-428 Feb 24 j 14:34	14°♓53'45	
evening set	-428 Feb 27 j 00:01	14°♓33'03	
inferior conj	-428 Mar 05 j 12:48	10°♓03'39	3°06'04
minimum elong	-428 Mar 05 j 16:48	9°♓55'49	3°05'15
min. Earth dist.	-428 Mar 08 j 22:36	7°♓24'40	0.58291 AU
morning rise	-428 Mar 13 j 05:39	4°♓41'51	
desc. node	-428 Mar 18 j 07:08	3°♓14'10	
direct	-428 Mar 19 j 04:21	3°♓12'10	
morning max el	-428 Apr 02 j 12:35	10°♓48'03	26°36'44
	-428 Apr 17 j 07:48	0°♈	
morning set	-428 May 01 j 20:41	26°♈55'19	
	-428 May 03 j 07:38	0°♉	
asc. node	-428 May 05 j 07:48	4°♉19'00	
superior conj	-428 May 08 j 22:22	12°♉12'20	0°37'21
minimum elong	-428 May 08 j 20:48	12°♉03'42	0°37'01
max. Earth dist.	-428 May 09 j 02:04	12°♉32'34	1.32415 AU
evening rise	-428 May 15 j 22:15	27°♉18'32	
	-428 May 17 j 05:24	0°♊	
	-428 Jun 03 j 06:26	0°♋	
desc. node	-428 Jun 14 j 06:23	13°♋28'44	
evening max el	-428 Jun 14 j 20:01	14°♋01'41	26°40'59
retrograde	-428 Jun 28 j 19:37	21°♋17'15	
evening set	-428 Jul 05 j 13:25	19°♋20'21	
min. Earth dist.	-428 Jul 09 j 09:25	16°♋42'37	0.60257 AU
inferior conj	-428 Jul 12 j 17:03	14°♋00'09	-4°-36'-18
minimum elong	-428 Jul 12 j 19:32	13°♋55'03	4°36'06
morning rise	-428 Jul 20 j 04:53	9°♋18'31	
direct	-428 Jul 22 j 15:37	8°♋55'58	
morning max el	-428 Jul 30 j 00:41	12°♋31'30	18°11'10
asc. node	-428 Aug 01 j 07:01	14°♋59'30	
	-428 Aug 10 j 18:38	0°♌	
morning set	-428 Aug 14 j 22:04	7°♌42'28	
superior conj	-428 Aug 24 j 13:41	25°♌36'57	1°35'07
minimum elong	-428 Aug 24 j 17:12	25°♌52'47	1°34'50
	-428 Aug 27 j 00:38	0°♍	
max. Earth dist.	-428 Sep 01 j 04:29	8°♍55'32	1.41198 AU
evening rise	-428 Sep 06 j 08:30	17°♍29'25	
desc. node	-428 Sep 10 j 05:43	23°♍42'10	
	-428 Sep 14 j 07:01	0°♎	
greatest brilliancy	-428 Oct 05 j 00:04	29°♎00'18	-0.3m
	-428 Oct 05 j 19:56	0°♏	
evening max el	-428 Oct 10 j 03:47	4°♏47'02	22°54'41
retrograde	-428 Oct 20 j 04:47	10°♏44'42	
evening set	-428 Oct 24 j 22:17	8°♏49'26	
asc. node	-428 Oct 28 j 06:14	5°♏13'21	
inferior conj	-428 Oct 30 j 07:35	2°♏26'44	0°42'18
minimum elong	-428 Oct 30 j 06:36	2°♏30'07	0°41'53
min. Earth dist.	-428 Oct 30 j 01:58	2°♏46'06	0.67645 AU
	-428 Nov 01 j 03:02	30°℞♎	
morning rise	-428 Nov 04 j 14:55	26°♎14'00	
direct	-428 Nov 08 j 23:01	24°♎31'04	
morning max el	-428 Nov 17 j 22:37	29°♎48'16	21°44'42
	-428 Nov 18 j 03:14	0°♏	
greatest brilliancy	-428 Nov 22 j 20:02	5°♏21'46	-0.4m
desc. node	-428 Dec 07 j 04:59	25°♏17'36	
	-428 Dec 10 j 08:31	0°♐	
morning set	-428 Dec 19 j 22:51	14°♐52'35	
max. Earth dist.	-428 Dec 26 j 11:56	25°♐30'48	1.41630 AU
	-428 Dec 29 j 04:13	0°♑	
superior conj	-427 Jan 03 j 02:36	8°♑29'02	-2°-1'-7
minimum elong	-427 Jan 03 j 01:58	8°♑26'16	2°01'08
evening rise	-427 Jan 13 j 21:40	27°♑58'14	
	-427 Jan 15 j 00:08	0°♒	
asc. node	-427 Jan 24 j 05:33	16°♒07'43	
evening max el	-427 Jan 30 j 06:54	24°♒01'01	18°11'23
retrograde	-427 Feb 06 j 04:10	27°♒29'41	
evening set	-427 Feb 08 j 17:54	27°♒01'13	
inferior conj	-427 Feb 15 j 15:11	22°♒10'26	3°42'27
minimum elong	-427 Feb 15 j 17:06	22°♒06'03	3°42'16
min. Earth dist.	-427 Feb 18 j 22:16	19°♒11'41	0.60362 AU
morning rise	-427 Feb 22 j 13:11	16°♒27'14	
direct	-427 Mar 01 j 05:44	14°♒20'08	
desc. node	-427 Mar 05 j 04:10	15°♒01'16	
morning max el	-427 Mar 15 j 11:44	22°♒07'34	27°29'57
	-427 Mar 22 j 10:21	0°♓	
	-427 Apr 10 j 07:16	0°♈	
morning set	-427 Apr 16 j 04:27	11°♈39'53	
asc. node	-427 Apr 22 j 04:51	24°♈30'27	
max. Earth dist.	-427 Apr 22 j 14:42	25°♈24'18	1.32387 AU
superior conj	-427 Apr 23 j 09:53	27°♈09'14	0°12'47
minimum elong	-427 Apr 23 j 09:18	27°♈06'04	0°12'40
behind sun begin	-427 Apr 23 j 06:16	26°♈49'26	
behind sun end	-427 Apr 23 j 12:20	27°♈22'41	
	-427 Apr 24 j 17:02	0°♉	
evening rise	-427 Apr 30 j 08:33	12°♉12'47	
	-427 May 09 j 10:15	0°♊	
evening max el	-427 May 27 j 15:58	25°♊21'24	25°32'56
desc. node	-427 Jun 01 j 03:23	29°♊04'14	
	-427 Jun 02 j 13:40	0°♋	
retrograde	-427 Jun 10 j 17:12	2°♋32'41	
evening set	-427 Jun 16 j 11:38	1°♋14'07	
	-427 Jun 18 j 20:52	30°℞♊	
min. Earth dist.	-427 Jun 21 j 04:04	28°♊31'54	0.58217 AU
inferior conj	-427 Jun 24 j 09:41	26°♊14'33	-4°-40'-27
minimum elong	-427 Jun 24 j 08:15	26°♊17'07	4°40'25
morning rise	-427 Jul 02 j 08:44	21°♊55'38	
direct	-427 Jul 04 j 20:55	21°♊35'57	
morning max el	-427 Jul 13 j 06:01	25°♊32'46	18°47'57
	-427 Jul 17 j 03:39	0°♋	
asc. node	-427 Jul 19 j 04:04	2°♋51'54	
morning set	-427 Jul 29 j 16:23	21°♋43'20	
	-427 Aug 02 j 21:51	0°♌	
superior conj	-427 Aug 07 j 08:10	8°♌32'09	1°45'46
minimum elong	-427 Aug 07 j 09:27	8°♌38'17	1°45'44
max. Earth dist.	-427 Aug 14 j 07:48	21°♌22'22	1.39204 AU
evening rise	-427 Aug 18 j 08:30	28°♌23'12	
	-427 Aug 19 j 07:18	0°♍	
desc. node	-427 Aug 28 j 02:43	14°♍16'08	
	-427 Sep 07 j 18:47	0°♎	
evening max el	-427 Sep 22 j 16:19	18°♎19'11	24°14'49
retrograde	-427 Oct 03 j 19:51	24°♎51'40	
evening set	-427 Oct 09 j 03:34	22°♎38'21	
min. Earth dist.	-427 Oct 13 j 22:01	17°♎08'23	0.67455 AU
inferior conj	-427 Oct 14 j 13:57	16°♎14'38	0°-11'-28
minimum elong	-427 Oct 14 j 14:14	16°♎13'42	0°11'23
transit middle	-427 Oct 14 j 14:14	16°♎13'42	0°11'23

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

transit begin	-427 Oct 14 j 12:17	16°♎20'17	
transit end	-427 Oct 14 j 16:11	16°♎07'07	
asc. node	-427 Oct 15 j 03:15	15°♎29'56	
morning rise	-427 Oct 20 j 01:11	10°♎06'59	
direct	-427 Oct 23 j 19:59	8°♎45'14	
morning max el	-427 Oct 31 j 19:05	13°♎22'02	20°28'28
greatest brilliancy	-427 Nov 07 j 03:39	20°♎57'08	-0.5m
	-427 Nov 13 j 14:58	0°♏	
desc. node	-427 Nov 24 j 02:01	15°♏37'57	
morning set	-427 Nov 28 j 22:12	23°♏04'51	
	-427 Dec 03 j 08:30	0°♐	
max. Earth dist.	-427 Dec 08 j 18:44	8°♐38'19	1.43357 AU
superior conj	-427 Dec 14 j 23:45	18°♐47'19	-1°-50'-55
minimum elong	-427 Dec 14 j 18:23	18°♐25'04	1°50'36
	-427 Dec 21 j 15:01	0°♑	
evening rise	-427 Dec 27 j 10:32	10°♑06'20	
	-426 Jan 08 j 04:46	0°♒	
asc. node	-426 Jan 11 j 02:34	4°♒05'45	
evening max el	-426 Jan 13 j 18:49	7°♒10'52	18°09'05
retrograde	-426 Jan 20 j 07:28	10°♒36'41	
evening set	-426 Jan 23 j 01:23	9°♒59'19	
inferior conj	-426 Jan 29 j 10:33	4°♒47'32	3°51'43
minimum elong	-426 Jan 29 j 10:14	4°♒48'20	3°51'42
min. Earth dist.	-426 Feb 01 j 06:06	1°♒53'21	0.62402 AU
	-426 Feb 03 j 06:33	30°℞♑	
morning rise	-426 Feb 04 j 16:55	28°♑50'55	
direct	-426 Feb 11 j 16:48	26°♑15'03	
desc. node	-426 Feb 20 j 01:12	29°♑20'11	
	-426 Feb 20 j 23:29	0°♒	
morning max el	-426 Feb 25 j 16:37	4°♒06'52	27°46'54
	-426 Mar 17 j 00:47	0°♓	
morning set	-426 Mar 31 j 07:05	26°♓05'26	
	-426 Apr 02 j 04:51	0°♈	
max. Earth dist.	-426 Apr 05 j 23:46	8°♈00'17	1.32735 AU
superior conj	-426 Apr 07 j 19:32	11°♈56'26	0°-13'-20
minimum elong	-426 Apr 07 j 20:10	11°♈59'50	0°13'12
behind sun begin	-426 Apr 07 j 17:17	11°♈44'10	
behind sun end	-426 Apr 07 j 23:04	12°♈15'30	
asc. node	-426 Apr 09 j 01:53	14°♈41'07	
evening rise	-426 Apr 14 j 20:15	27°♈07'07	
	-426 Apr 16 j 05:14	0°♉	
	-426 May 03 j 20:02	0°♊	
evening max el	-426 May 09 j 07:09	6°♊06'26	24°04'15
desc. node	-426 May 19 j 00:25	12°♊24'55	
retrograde	-426 May 23 j 03:07	13°♊03'30	
evening set	-426 May 27 j 12:01	12°♊21'05	
min. Earth dist.	-426 Jun 02 j 18:23	9°♊18'36	0.56448 AU
inferior conj	-426 Jun 05 j 06:10	7°♊45'56	-4°-7'-45
minimum elong	-426 Jun 05 j 00:20	7°♊55'03	4°06'43
morning rise	-426 Jun 13 j 16:23	3°♊45'03	
direct	-426 Jun 16 j 07:10	3°♊27'05	
morning max el	-426 Jun 26 j 02:06	7°♊59'14	19°45'43
asc. node	-426 Jul 06 j 01:07	21°♊27'58	
	-426 Jul 10 j 16:08	0°♋	
morning set	-426 Jul 13 j 18:30	6°♋08'38	
superior conj	-426 Jul 21 j 17:44	22°♋13'27	1°46'48
minimum elong	-426 Jul 21 j 17:08	22°♋10'27	1°46'49
	-426 Jul 25 j 17:26	0°♌	
max. Earth dist.	-426 Jul 27 j 11:13	3°♌18'02	1.37245 AU
evening rise	-426 Jul 31 j 08:31	10°♌26'31	
	-426 Aug 11 j 23:50	0°♍	
desc. node	-426 Aug 14 j 23:44	4°♍37'15	
	-426 Sep 03 j 06:32	0°♎	
evening max el	-426 Sep 05 j 03:48	1°♎55'19	25°29'40
retrograde	-426 Sep 17 j 06:28	8°♎53'24	
evening set	-426 Sep 23 j 04:59	6°♎23'52	
min. Earth dist.	-426 Sep 27 j 15:10	1°♎29'36	0.66946 AU
inferior conj	-426 Sep 28 j 17:54	0°♎03'22	-1°-7'-2
minimum elong	-426 Sep 28 j 19:35	29°♍57'57	1°06'21
	-426 Sep 28 j 18:57	30°℞♍	
asc. node	-426 Oct 02 j 00:18	26°♍08'09	
morning rise	-426 Oct 04 j 10:48	24°♍03'46	
direct	-426 Oct 07 j 18:21	23°♍00'11	
morning max el	-426 Oct 14 j 23:07	27°♍05'24	19°25'30
	-426 Oct 17 j 13:37	0°♎	
greatest brilliancy	-426 Oct 24 j 05:56	9°♎03'34	-0.7m
	-426 Nov 06 j 23:42	0°♏	
morning set	-426 Nov 07 j 22:32	1°♏28'38	
desc. node	-426 Nov 10 j 23:02	6°♏10'40	
max. Earth dist.	-426 Nov 21 j 08:33	22°♏29'01	1.44531 AU
superior conj	-426 Nov 24 j 18:25	27°♏54'13	-1°-22'-35
minimum elong	-426 Nov 24 j 10:14	27°♏21'33	1°21'46
	-426 Nov 26 j 01:54	0°♐	
evening rise	-426 Dec 09 j 03:04	21°♐20'10	
	-426 Dec 14 j 07:42	0°♑	
evening max el	-426 Dec 28 j 07:18	20°♑31'39	18°25'35
asc. node	-426 Dec 28 j 23:36	21°♑11'29	
retrograde	-425 Jan 03 j 20:17	24°♑06'38	
evening set	-425 Jan 06 j 18:57	23°♑19'11	
inferior conj	-425 Jan 12 j 19:02	17°♑47'51	3°41'18
minimum elong	-425 Jan 12 j 17:08	17°♑53'19	3°41'03
min. Earth dist.	-425 Jan 14 j 23:28	15°♑17'12	0.64187 AU
morning rise	-425 Jan 18 j 13:55	11°♑42'42	
direct	-425 Jan 25 j 11:27	8°♑52'52	
desc. node	-425 Feb 06 j 22:15	15°♑35'49	
morning max el	-425 Feb 08 j 01:09	16°♑41'10	27°27'45
	-425 Feb 19 j 02:59	0°♒	
	-425 Mar 09 j 19:02	0°♓	
morning set	-425 Mar 15 j 01:58	10°♓03'41	
max. Earth dist.	-425 Mar 20 j 01:28	20°♓08'53	1.33499 AU
superior conj	-425 Mar 23 j 01:34	26°♓28'10	0°-40'-1
minimum elong	-425 Mar 23 j 03:29	26°♓38'20	0°39'38
	-425 Mar 24 j 17:18	0°♈	
asc. node	-425 Mar 26 j 22:56	4°♈47'11	
evening rise	-425 Mar 30 j 07:36	11°♈55'41	
	-425 Apr 08 j 15:36	0°♉	
evening max el	-425 Apr 20 j 23:19	16°♉42'15	22°29'01
retrograde	-425 May 04 j 00:00	23°♉07'12	
desc. node	-425 May 05 j 21:27	22°♉59'14	
evening set	-425 May 07 j 01:02	22°♉46'53	
min. Earth dist.	-425 May 15 j 07:11	19°♉12'26	0.55300 AU
inferior conj	-425 May 16 j 08:47	18°♉36'06	-2°-50'-4
minimum elong	-425 May 16 j 01:55	18°♉45'52	2°48'02
morning rise	-425 May 25 j 04:59	14°♉42'12	
direct	-425 May 28 j 00:49	14°♉23'53	
morning max el	-425 Jun 08 j 11:07	19°♉43'36	21°03'40
	-425 Jun 16 j 18:13	0°♊	
asc. node	-425 Jun 22 j 22:10	10°♊37'09	
morning set	-425 Jun 28 j 01:53	20°♊51'25	
	-425 Jul 02 j 11:19	0°♋	
superior conj	-425 Jul 05 j 14:01	6°♋27'56	1°40'19
minimum elong	-425 Jul 05 j 12:10	6°♋18'23	1°40'12
max. Earth dist.	-425 Jul 09 j 20:54	15°♋08'34	1.35529 AU
evening rise	-425 Jul 14 j 04:06	23°♋27'38	
	-425 Jul 17 j 17:18	0°♌	
desc. node	-425 Aug 01 j 20:46	24°♌39'05	
	-425 Aug 05 j 15:18	0°♍	
evening max el	-425 Aug 18 j 15:37	15°♍30'54	26°31'16

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-425 Aug 31 j 11:59	22°♍43'48	
evening set	-425 Sep 07 j 00:30	20°♍02'33	
min. Earth dist.	-425 Sep 11 j 02:55	15°♍45'56	0.66100 AU
inferior conj	-425 Sep 12 j 17:30	13°♍49'17	-2°-2'-40
minimum elong	-425 Sep 12 j 20:34	13°♍39'58	2°01'30
morning rise	-425 Sep 18 j 17:43	8°♍01'04	
asc. node	-425 Sep 18 j 21:23	7°♍56'09	
direct	-425 Sep 21 j 16:21	7°♍12'07	
morning max el	-425 Sep 28 j 09:29	10°♍55'09	18°37'58
	-425 Oct 11 j 23:10	0°♎	
morning set	-425 Oct 18 j 21:10	11°♎02'25	
desc. node	-425 Oct 28 j 20:03	26°♎51'10	
	-425 Oct 30 j 19:56	0°♏	
superior conj	-425 Nov 03 j 19:53	6°♏17'32	0°-38'-30
minimum elong	-425 Nov 03 j 14:52	5°♏57'48	0°37'52
max. Earth dist.	-425 Nov 04 j 02:43	6°♏44'25	1.45010 AU
	-425 Nov 18 j 20:13	0°♐	
evening rise	-425 Nov 19 j 19:57	1°♐34'27	
	-425 Dec 08 j 09:03	0°♑	
evening max el	-425 Dec 11 j 17:44	3°♑57'12	18°59'51
asc. node	-425 Dec 15 j 20:40	7°♑10'09	
retrograde	-425 Dec 18 j 14:50	7°♑51'46	
evening set	-425 Dec 21 j 19:28	6°♑52'50	
inferior conj	-425 Dec 27 j 12:59	1°♑04'20	3°16'49
minimum elong	-425 Dec 27 j 10:18	1°♑12'44	3°16'14
	-425 Dec 28 j 09:31	30°℞♐	
min. Earth dist.	-425 Dec 29 j 02:14	29°♐07'59	0.65603 AU
morning rise	-424 Jan 02 j 00:12	24°♐53'26	
direct	-424 Jan 08 j 12:25	22°♐04'17	
morning max el	-424 Jan 21 j 10:49	29°♐39'12	26°37'50
	-424 Jan 21 j 19:04	0°♑	
desc. node	-424 Jan 24 j 19:18	3°♑14'47	
	-424 Feb 13 j 00:27	0°♒	
morning set	-424 Feb 26 j 09:37	23°♒23'46	
	-424 Feb 29 j 19:36	0°♓	
max. Earth dist.	-424 Mar 01 j 16:37	1°♓44'00	1.34706 AU
superior conj	-424 Mar 06 j 01:46	10°♓37'30	-1°-6'-4
minimum elong	-424 Mar 06 j 04:50	10°♓53'19	1°05'34
asc. node	-424 Mar 12 j 20:00	24°♓44'26	
evening rise	-424 Mar 13 j 16:45	26°♓32'07	
	-424 Mar 15 j 09:18	0°♈	
evening max el	-424 Apr 01 j 23:02	27°♈37'09	21°00'51
	-424 Apr 04 j 18:15	0°♉	
retrograde	-424 Apr 13 j 13:26	3°♉13'51	
evening set	-424 Apr 15 j 20:16	3°♉01'36	
desc. node	-424 Apr 21 j 18:30	0°♉53'21	
	-424 Apr 23 j 10:44	30°℞♈	
inferior conj	-424 Apr 25 j 03:07	29°♈03'24	0°-57'-34
minimum elong	-424 Apr 25 j 00:24	29°♈07'15	0°56'36
min. Earth dist.	-424 Apr 25 j 20:11	28°♈39'15	0.55029 AU
morning rise	-424 May 04 j 03:57	24°♈58'38	
direct	-424 May 07 j 11:18	24°♈35'02	
	-424 May 19 j 13:04	0°♉	
morning max el	-424 May 20 j 09:48	0°♉47'04	22°37'43
asc. node	-424 Jun 08 j 19:15	0°♊11'01	
	-424 Jun 08 j 17:03	0°♊	
morning set	-424 Jun 11 j 12:30	5°♊45'45	
superior conj	-424 Jun 18 j 17:41	21°♊05'49	1°27'59
minimum elong	-424 Jun 18 j 15:15	20°♊52'52	1°27'41
max. Earth dist.	-424 Jun 21 j 15:58	27°♊14'52	1.34163 AU
	-424 Jun 23 j 00:00	0°♋	
evening rise	-424 Jun 26 j 14:23	7°♋13'16	
	-424 Jul 09 j 07:05	0°♌	
desc. node	-424 Jul 18 j 17:48	14°♌13'23	
evening max el	-424 Jul 31 j 03:27	28°♌57'03	27°11'58
	-424 Aug 01 j 06:27	0°♍	
retrograde	-424 Aug 13 j 12:05	6°♍16'15	
evening set	-424 Aug 20 j 11:37	3°♍31'07	
	-424 Aug 24 j 04:02	30°℞♌	
min. Earth dist.	-424 Aug 24 j 06:59	29°♌52'00	0.64894 AU
inferior conj	-424 Aug 26 j 10:33	27°♌28'46	-2°-56'-9
minimum elong	-424 Aug 26 j 14:46	27°♌17'02	2°54'46
morning rise	-424 Sep 01 j 19:32	21°♌55'15	
direct	-424 Sep 04 j 11:36	21°♌17'26	
asc. node	-424 Sep 04 j 18:26	21°♌17'52	
morning max el	-424 Sep 10 j 23:57	24°♌47'18	18°07'07
	-424 Sep 15 j 06:50	0°♍	
morning set	-424 Sep 29 j 00:26	22°♍00'29	
	-424 Oct 03 j 19:57	0°♎	
superior conj	-424 Oct 13 j 01:28	14°♎58'34	0°10'51
minimum elong	-424 Oct 13 j 02:47	15°♎03'53	0°10'41
behind sun begin	-424 Oct 12 j 18:37	14°♎31'13	
behind sun end	-424 Oct 13 j 10:58	15°♎36'30	
desc. node	-424 Oct 14 j 17:06	17°♎36'28	
max. Earth dist.	-424 Oct 16 j 21:36	21°♎04'31	1.44748 AU
	-424 Oct 22 j 13:59	0°♏	
evening rise	-424 Oct 29 j 14:39	10°♏55'35	
	-424 Nov 11 j 01:24	0°♐	
greatest brilliancy	-424 Nov 16 j 11:48	7°♐57'10	-0.6m
evening max el	-424 Nov 24 j 00:02	17°♐24'23	19°50'19
retrograde	-424 Dec 01 j 12:07	21°♐47'17	
asc. node	-424 Dec 01 j 17:43	21°♐46'58	
evening set	-424 Dec 05 j 00:24	20°♐35'06	
inferior conj	-424 Dec 10 j 13:29	14°♐32'30	2°42'07
minimum elong	-424 Dec 10 j 10:40	14°♐41'48	2°41'17
min. Earth dist.	-424 Dec 11 j 12:59	13°♐14'40	0.66629 AU
morning rise	-424 Dec 15 j 20:19	8°♐18'01	
direct	-424 Dec 21 j 19:08	5°♐40'45	
morning max el	-423 Jan 02 j 19:54	12°♐49'41	25°25'26
desc. node	-423 Jan 10 j 16:20	21°♐52'48	
	-423 Jan 16 j 17:27	0°♑	
	-423 Feb 04 j 18:10	0°♒	
morning set	-423 Feb 08 j 01:16	5°♒51'41	
max. Earth dist.	-423 Feb 11 j 20:11	12°♒51'35	1.36352 AU
superior conj	-423 Feb 17 j 17:21	24°♒16'04	-1°-29'-49
minimum elong	-423 Feb 17 j 21:06	24°♒34'45	1°29'21
	-423 Feb 20 j 13:49	0°♓	
evening rise	-423 Feb 25 j 21:34	10°♓49'22	
asc. node	-423 Feb 27 j 17:03	14°♓27'42	
	-423 Mar 08 j 06:19	0°♈	
evening max el	-423 Mar 15 j 09:45	9°♈07'36	19°48'17
retrograde	-423 Mar 25 j 07:10	13°♈52'07	
evening set	-423 Mar 27 j 10:15	13°♈39'55	
inferior conj	-423 Apr 05 j 03:38	9°♈37'59	0°58'50
minimum elong	-423 Apr 05 j 06:06	9°♈34'08	0°57'58
min. Earth dist.	-423 Apr 07 j 10:26	8°♈13'14	0.55711 AU
desc. node	-423 Apr 08 j 15:33	7°♈30'06	
morning rise	-423 Apr 13 j 22:44	5°♈04'54	
direct	-423 Apr 18 j 03:43	4°♈25'37	
morning max el	-423 May 02 j 01:52	11°♈22'44	24°18'32
	-423 May 16 j 03:32	0°♉	
asc. node	-423 May 26 j 16:19	20°♉01'59	
morning set	-423 May 27 j 00:26	20°♉44'38	
	-423 May 31 j 08:06	0°♊	
superior conj	-423 Jun 03 j 02:01	5°♊57'27	1°11'03
minimum elong	-423 Jun 02 j 23:34	5°♊44'09	1°10'39
max. Earth dist.	-423 Jun 04 j 19:46	9°♊42'26	1.33186 AU
evening rise	-423 Jun 10 j 11:07	21°♊30'03	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-423 Jun 14 j 18:57	0°♋	
	-423 Jul 03 j 05:32	0°♌	
desc. node	-423 Jul 05 j 14:51	3°♌07'23	
evening max el	-423 Jul 13 j 13:35	12°♌00'42	27°25'20
retrograde	-423 Jul 27 j 06:22	19°♌20'44	
evening set	-423 Aug 03 j 11:06	16°♌43'31	
min. Earth dist.	-423 Aug 07 j 01:34	13°♌37'20	0.63316 AU
inferior conj	-423 Aug 09 j 18:22	10°♌55'12	-3°-44'-18
minimum elong	-423 Aug 09 j 23:03	10°♌43'28	3°43'09
morning rise	-423 Aug 16 j 13:14	5°♌39'41	
direct	-423 Aug 19 j 01:14	5°♌09'47	
asc. node	-423 Aug 22 j 15:29	6°♌12'28	
morning max el	-423 Aug 25 j 15:41	8°♌35'01	17°53'52
	-423 Sep 08 j 19:27	0°♍	
morning set	-423 Sep 11 j 04:30	4°♍09'44	
superior conj	-423 Sep 23 j 05:27	24°♍47'52	0°53'33
minimum elong	-423 Sep 23 j 10:18	25°♍07'57	0°52'56
	-423 Sep 26 j 09:15	0°♎	
max. Earth dist.	-423 Sep 29 j 13:38	5°♎09'18	1.43787 AU
desc. node	-423 Oct 01 j 14:09	8°♎23'17	
evening rise	-423 Oct 08 j 21:30	19°♎50'22	
	-423 Oct 15 j 13:07	0°♏	
greatest brilliancy	-423 Nov 01 j 11:06	24°♏18'04	-0.5m
	-423 Nov 06 j 05:00	0°♐	
evening max el	-423 Nov 07 j 00:48	0°♐52'12	20°54'37
retrograde	-423 Nov 15 j 09:42	5°♐49'55	
asc. node	-423 Nov 18 j 14:44	4°♐51'26	
evening set	-423 Nov 19 j 07:40	4°♐22'31	
	-423 Nov 23 j 09:20	30°℞♏	
inferior conj	-423 Nov 24 j 18:06	28°♏09'17	1°59'51
minimum elong	-423 Nov 24 j 15:42	28°♏17'31	1°58'59
min. Earth dist.	-423 Nov 25 j 05:30	27°♏30'14	0.67287 AU
morning rise	-423 Nov 29 j 23:18	21°♏53'29	
direct	-423 Dec 05 j 07:02	19°♏35'08	
morning max el	-423 Dec 16 j 04:25	26°♏05'03	24°00'29
	-423 Dec 19 j 18:46	0°♐	
desc. node	-423 Dec 28 j 13:22	11°♐12'51	
	-422 Jan 10 j 07:27	0°♑	
morning set	-422 Jan 20 j 18:54	17°♑11'00	
max. Earth dist.	-422 Jan 24 j 15:51	23°♑57'54	1.38345 AU
	-422 Jan 27 j 23:50	0°♒	
superior conj	-422 Jan 31 j 20:43	7°♒14'23	-1°-48'-53
minimum elong	-422 Feb 01 j 00:09	7°♒30'47	1°48'38
evening rise	-422 Feb 09 j 19:33	24°♒40'32	
	-422 Feb 12 j 13:14	0°♓	
asc. node	-422 Feb 14 j 14:06	3°♓51'32	
evening max el	-422 Feb 26 j 07:06	21°♓15'49	18°54'56
retrograde	-422 Mar 06 j 15:45	25°♓18'00	
evening set	-422 Mar 08 j 22:26	25°♓01'15	
inferior conj	-422 Mar 16 j 21:32	20°♓43'58	2°29'47
minimum elong	-422 Mar 17 j 01:58	20°♓36'01	2°28'37
min. Earth dist.	-422 Mar 20 j 02:45	18°♓26'44	0.57195 AU
morning rise	-422 Mar 25 j 01:19	15°♓38'12	
desc. node	-422 Mar 26 j 12:33	15°♓05'57	
direct	-422 Mar 30 j 09:43	14°♓29'25	
morning max el	-422 Apr 13 j 17:01	21°♓55'50	25°52'03
	-422 Apr 20 j 19:00	0°♈	
	-422 May 08 j 17:40	0°♉	
morning set	-422 May 11 j 12:05	5°♉42'27	
asc. node	-422 May 13 j 13:22	10°♉04'34	
superior conj	-422 May 18 j 12:57	20°♉55'55	0°50'30
minimum elong	-422 May 18 j 10:57	20°♉44'56	0°50'07
max. Earth dist.	-422 May 19 j 05:45	22°♉27'50	1.32592 AU
	-422 May 22 j 17:13	0°♊	
evening rise	-422 May 25 j 15:03	6°♊07'59	
	-422 Jun 07 j 09:03	0°♋	
desc. node	-422 Jun 22 j 11:52	21°♋04'11	
evening max el	-422 Jun 25 j 19:52	24°♋30'04	27°06'41
	-422 Jul 03 j 04:05	0°♌	
retrograde	-422 Jul 09 j 17:54	1°♌47'41	
	-422 Jul 16 j 00:26	30°℞♋	
evening set	-422 Jul 16 j 18:48	29°♋32'30	
min. Earth dist.	-422 Jul 20 j 10:00	26°♋48'37	0.61428 AU
inferior conj	-422 Jul 23 j 13:46	24°♋01'05	-4°-22'-9
minimum elong	-422 Jul 23 j 17:36	23°♋52'34	4°21'36
morning rise	-422 Jul 30 j 19:16	19°♋06'16	
direct	-422 Aug 02 j 05:41	18°♋41'40	
morning max el	-422 Aug 09 j 05:41	22°♋10'58	17°59'11
asc. node	-422 Aug 09 j 12:32	22°♋27'56	
	-422 Aug 15 j 06:59	0°♌	
morning set	-422 Aug 25 j 03:21	17°♌12'56	
	-422 Sep 01 j 03:57	0°♍	
superior conj	-422 Sep 04 j 12:52	5°♍58'01	1°23'42
minimum elong	-422 Sep 04 j 17:27	6°♍18'02	1°23'14
max. Earth dist.	-422 Sep 12 j 00:49	18°♍43'26	1.42260 AU
evening rise	-422 Sep 18 j 10:25	29°♍05'07	
desc. node	-422 Sep 18 j 11:10	29°♍08'07	
	-422 Sep 19 j 00:18	0°♎	
	-422 Oct 09 j 05:14	0°♏	
greatest brilliancy	-422 Oct 16 j 02:25	9°♏00'42	-0.3m
evening max el	-422 Oct 20 j 19:53	14°♏20'53	22°09'11
retrograde	-422 Oct 30 j 05:39	19°♏56'31	
evening set	-422 Nov 03 j 15:27	18°♏11'58	
asc. node	-422 Nov 05 j 11:45	16°♏25'42	
inferior conj	-422 Nov 09 j 00:47	11°♏51'49	1°11'53
minimum elong	-422 Nov 08 j 23:11	11°♏57'19	1°11'14
min. Earth dist.	-422 Nov 09 j 01:15	11°♏50'11	0.67609 AU
morning rise	-422 Nov 14 j 06:44	5°♏37'07	
direct	-422 Nov 18 j 23:17	3°♏40'57	
morning max el	-422 Nov 28 j 14:56	9°♏24'21	22°32'50
greatest brilliancy	-422 Dec 03 j 06:06	14°♏35'52	-0.3m
	-422 Dec 14 j 17:04	0°♐	
desc. node	-422 Dec 15 j 10:23	1°♐02'31	
morning set	-421 Jan 01 j 08:30	27°♐06'23	
	-421 Jan 03 j 02:43	0°♑	
max. Earth dist.	-421 Jan 06 j 11:46	5°♑39'40	1.40472 AU
superior conj	-421 Jan 14 j 07:09	19°♑20'03	-2°00'00
minimum elong	-421 Jan 14 j 08:37	19°♑26'40	1°59'58
	-421 Jan 20 j 02:13	0°♒	
evening rise	-421 Jan 24 j 07:36	7°♒57'26	
asc. node	-421 Feb 01 j 11:07	22°♒48'34	
	-421 Feb 06 j 03:53	0°♓	
evening max el	-421 Feb 09 j 12:29	3°♓54'17	18°21'35
retrograde	-421 Feb 16 j 19:05	7°♓30'15	
evening set	-421 Feb 19 j 06:33	7°♓06'20	
inferior conj	-421 Feb 26 j 12:21	2°♓28'10	3°25'18
minimum elong	-421 Feb 26 j 15:35	2°♓21'24	3°24'47
	-421 Mar 01 j 11:25	30°℞♒	
min. Earth dist.	-421 Mar 01 j 22:38	29°♒37'36	0.59161 AU
morning rise	-421 Mar 05 j 20:59	26°♒56'24	
direct	-421 Mar 12 j 04:47	25°♒10'07	
desc. node	-421 Mar 13 j 09:34	25°♒13'52	
	-421 Mar 23 j 07:31	0°♓	
morning max el	-421 Mar 26 j 12:14	2°♓51'43	27°03'28
	-421 Apr 15 j 04:29	0°♈	
morning set	-421 Apr 25 j 21:46	20°♈33'04	
asc. node	-421 Apr 30 j 10:25	0°♉13'42	
	-421 Apr 30 j 07:54	0°♉	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-421 May 03 j 00:42	5°♉54'37	0°27'10
minimum elong	-421 May 02 j 23:31	5°♉48'07	0°26'56
max. Earth dist.	-421 May 02 j 18:32	5°♉20'47	1.32358 AU
evening rise	-421 May 09 j 23:37	20°♉58'14	
	-421 May 14 j 10:06	0°♊	
	-421 Jun 02 j 02:32	0°♋	
evening max el	-421 Jun 07 j 20:05	6°♋16'20	26°15'26
desc. node	-421 Jun 09 j 08:52	7°♋40'17	
retrograde	-421 Jun 21 j 20:54	13°♋30'01	
evening set	-421 Jun 28 j 06:13	11°♋49'12	
min. Earth dist.	-421 Jul 02 j 09:02	9°♋11'33	0.59378 AU
inferior conj	-421 Jul 05 j 17:13	6°♋37'28	-4°-41'-48
minimum elong	-421 Jul 05 j 18:15	6°♋35'27	4°41'47
morning rise	-421 Jul 13 j 09:44	2°♋05'16	
direct	-421 Jul 15 j 20:55	1°♋44'01	
morning max el	-421 Jul 23 j 14:59	5°♋27'18	18°24'12
asc. node	-421 Jul 27 j 09:36	9°♋49'17	
	-421 Aug 08 j 03:59	0°♌	
morning set	-421 Aug 08 j 15:48	0°♌56'27	
superior conj	-421 Aug 17 j 20:13	18°♌19'40	1°40'57
minimum elong	-421 Aug 17 j 22:47	18°♌31'32	1°40'48
	-421 Aug 24 j 08:29	0°♍	
max. Earth dist.	-421 Aug 25 j 06:58	1°♍37'27	1.40367 AU
evening rise	-421 Aug 29 j 20:05	9°♍18'42	
desc. node	-421 Sep 05 j 08:12	19°♍47'34	
	-421 Sep 12 j 00:50	0°♎	
evening max el	-421 Oct 03 j 10:22	27°♎52'13	23°28'59
	-421 Oct 05 j 16:54	0°♏	
retrograde	-421 Oct 13 j 22:42	4°♏04'49	
evening set	-421 Oct 18 j 22:09	2°♏01'55	
	-421 Oct 20 j 23:00	30°℞♎	
asc. node	-421 Oct 23 j 08:47	26°♎57'02	
inferior conj	-421 Oct 24 j 07:47	25°♎38'34	0°19'50
minimum elong	-421 Oct 24 j 07:18	25°♎40'11	0°19'36
min. Earth dist.	-421 Oct 23 j 21:50	26°♎12'35	0.67610 AU
morning rise	-421 Oct 29 j 16:33	19°♎27'42	
direct	-421 Nov 02 j 18:53	17°♎53'51	
morning max el	-421 Nov 11 j 07:08	22°♎52'24	21°10'49
greatest brilliancy	-421 Nov 16 j 16:19	29°♎05'50	-0.5m
	-421 Nov 17 j 09:14	0°♏	
desc. node	-421 Dec 02 j 07:27	21°♏13'51	
	-421 Dec 08 j 01:42	0°♐	
morning set	-421 Dec 11 j 18:17	5°♐44'35	
max. Earth dist.	-421 Dec 19 j 14:37	18°♐18'42	1.42431 AU
superior conj	-421 Dec 26 j 19:20	0°♑20'46	-1°-58'-52
minimum elong	-421 Dec 26 j 16:46	0°♑09'47	1°58'48
	-421 Dec 26 j 14:28	0°♑	
evening rise	-420 Jan 07 j 06:09	20°♑33'10	
	-420 Jan 12 j 12:41	0°♒	
asc. node	-420 Jan 19 j 08:07	11°♒10'54	
evening max el	-420 Jan 23 j 22:51	16°♒54'49	18°08'01
retrograde	-420 Jan 30 j 15:04	20°♒20'26	
evening set	-420 Feb 02 j 06:41	19°♒48'09	
inferior conj	-420 Feb 08 j 22:22	14°♒48'01	3°49'13
minimum elong	-420 Feb 08 j 23:18	14°♒45'46	3°49'10
min. Earth dist.	-420 Feb 12 j 01:10	11°♒48'47	0.61257 AU
morning rise	-420 Feb 15 j 13:16	8°♒58'34	
direct	-420 Feb 22 j 10:18	6°♒37'55	
desc. node	-420 Feb 28 j 06:37	8°♒08'52	
morning max el	-420 Mar 07 j 13:49	14°♒27'01	27°41'47
	-420 Mar 20 j 03:27	0°♓	
	-420 Apr 06 j 14:11	0°♈	
morning set	-420 Apr 09 j 03:36	5°♈09'48	
max. Earth dist.	-420 Apr 15 j 06:15	18°♈07'31	1.32489 AU
superior conj	-420 Apr 16 j 11:36	20°♈47'27	0°01'50
minimum elong	-420 Apr 16 j 11:31	20°♈47'00	0°01'50
behind sun begin	-420 Apr 16 j 06:28	20°♈19'27	
behind sun end	-420 Apr 16 j 16:34	21°♈14'35	
asc. node	-420 Apr 16 j 07:27	20°♈24'46	
	-420 Apr 20 j 16:52	0°♉	
evening rise	-420 Apr 23 j 10:45	5°♉53'03	
	-420 May 06 j 05:46	0°♊	
evening max el	-420 May 19 j 13:35	17°♊18'56	24°57'01
desc. node	-420 May 26 j 05:53	22°♊23'08	
retrograde	-420 Jun 02 j 13:22	24°♊25'18	
evening set	-420 Jun 07 j 18:33	23°♊23'07	
min. Earth dist.	-420 Jun 13 j 01:09	20°♊34'12	0.57411 AU
inferior conj	-420 Jun 16 j 01:22	18°♊34'00	-4°-31'-51
minimum elong	-420 Jun 15 j 21:55	18°♊39'46	4°31'31
morning rise	-420 Jun 24 j 05:10	14°♊23'40	
direct	-420 Jun 26 j 18:33	14°♊04'43	
morning max el	-420 Jul 05 j 16:38	18°♊14'28	19°10'00
asc. node	-420 Jul 13 j 06:40	28°♊01'37	
	-420 Jul 14 j 11:24	0°♋	
morning set	-420 Jul 22 j 13:50	15°♋09'00	
	-420 Jul 30 j 01:54	0°♌	
superior conj	-420 Jul 30 j 21:45	1°♌36'25	1°47'15
minimum elong	-420 Jul 30 j 22:11	1°♌38'26	1°47'16
max. Earth dist.	-420 Aug 06 j 10:08	13°♌50'42	1.38356 AU
evening rise	-420 Aug 10 j 06:42	20°♌42'54	
	-420 Aug 15 j 18:12	0°♍	
desc. node	-420 Aug 22 j 05:14	10°♍16'53	
	-420 Sep 05 j 01:48	0°♎	
evening max el	-420 Sep 14 j 22:14	11°♎26'14	24°47'40
retrograde	-420 Sep 26 j 11:51	18°♎10'22	
evening set	-420 Oct 02 j 02:02	15°♎49'35	
min. Earth dist.	-420 Oct 06 j 16:50	10°♎34'49	0.67287 AU
inferior conj	-420 Oct 07 j 13:20	9°♎26'53	0°-34'-54
minimum elong	-420 Oct 07 j 14:12	9°♎24'01	0°34'34
asc. node	-420 Oct 09 j 05:50	7°♎15'31	
morning rise	-420 Oct 13 j 02:48	3°♎22'33	
direct	-420 Oct 16 j 16:34	2°♎08'58	
morning max el	-420 Oct 24 j 06:57	6°♎30'42	19°59'54
greatest brilliancy	-420 Oct 31 j 14:11	15°♎28'15	-0.6m
	-420 Nov 10 j 13:05	0°♏	
desc. node	-420 Nov 18 j 04:30	11°♏40'08	
morning set	-420 Nov 19 j 14:55	13°♏52'56	
	-420 Nov 29 j 21:56	0°♐	
max. Earth dist.	-420 Dec 01 j 01:10	1°♐48'28	1.43939 AU
superior conj	-420 Dec 06 j 04:53	10°♐07'07	-1°-41'-8
minimum elong	-420 Dec 05 j 21:47	9°♐38'10	1°40'36
	-420 Dec 18 j 02:21	0°♑	
evening rise	-420 Dec 19 j 10:55	2°♑19'25	
asc. node	-419 Jan 05 j 05:08	28°♑48'17	
	-419 Jan 06 j 07:25	0°♒	
evening max el	-419 Jan 06 j 11:17	0°♒09'52	18°13'48
retrograde	-419 Jan 12 j 23:07	3°♒38'32	
evening set	-419 Jan 15 j 18:55	2°♒57'00	
	-419 Jan 19 j 16:49	30°℞♑	
inferior conj	-419 Jan 21 j 23:50	27°♑36'21	3°49'19
minimum elong	-419 Jan 21 j 22:45	27°♑39'16	3°49'14
min. Earth dist.	-419 Jan 24 j 13:01	24°♑50'29	0.63198 AU
morning rise	-419 Jan 28 j 00:48	21°♑35'27	
direct	-419 Feb 04 j 00:30	18°♑52'04	
desc. node	-419 Feb 14 j 03:40	23°♑22'11	
morning max el	-419 Feb 17 j 20:50	26°♑43'26	27°43'04
	-419 Feb 20 j 23:01	0°♒	
	-419 Mar 13 j 17:28	0°♓	
morning set	-419 Mar 24 j 03:21	19°♓25'24	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-419 Mar 29 j 06:22	0°♈	
max. Earth dist.	-419 Mar 29 j 12:55	0°♈34'39	1.33006 AU
superior conj	-419 Mar 31 j 19:59	5°♈29'02	0°-24'-38
minimum elong	-419 Mar 31 j 21:09	5°♈35'20	0°24'24
asc. node	-419 Apr 03 j 04:30	10°♈34'12	
evening rise	-419 Apr 07 j 22:34	20°♈46'04	
	-419 Apr 12 j 11:00	0°♉	
evening max el	-419 May 01 j 04:08	27°♉55'48	23°23'37
	-419 May 03 j 11:56	0°♊	
desc. node	-419 May 13 j 02:53	4°♊36'22	
retrograde	-419 May 14 j 17:51	4°♊42'21	
evening set	-419 May 18 j 12:18	4°♊11'07	
min. Earth dist.	-419 May 25 j 14:18	0°♊56'37	0.55861 AU
	-419 May 27 j 04:35	30°℞♉	
inferior conj	-419 May 27 j 13:34	29°♉46'39	-3°-40'-18
minimum elong	-419 May 27 j 06:38	29°♉56'57	3°38'42
morning rise	-419 Jun 05 j 04:24	25°♉51'02	
direct	-419 Jun 07 j 20:48	25°♉33'23	
	-419 Jun 17 j 21:36	0°♊	
morning max el	-419 Jun 18 j 08:14	0°♊24'07	20°16'39
asc. node	-419 Jun 30 j 03:46	16°♊53'04	
morning set	-419 Jul 06 j 18:30	29°♊42'46	
	-419 Jul 06 j 21:54	0°♋	
superior conj	-419 Jul 14 j 12:26	15°♋33'46	1°44'52
minimum elong	-419 Jul 14 j 11:13	15°♋27'38	1°44'50
max. Earth dist.	-419 Jul 19 j 15:28	25°♋40'34	1.36473 AU
	-419 Jul 21 j 22:09	0°♌	
evening rise	-419 Jul 23 j 15:40	3°♌12'26	
	-419 Aug 08 j 18:02	0°♍	
desc. node	-419 Aug 09 j 02:14	0°♍30'43	
evening max el	-419 Aug 28 j 09:34	25°♍02'12	25°57'47
	-419 Sep 03 j 12:08	0°♎	
retrograde	-419 Sep 09 j 20:30	2°♎08'22	
	-419 Sep 15 j 11:50	30°℞♍	
evening set	-419 Sep 16 j 01:14	29°♍32'46	
min. Earth dist.	-419 Sep 20 j 07:56	24°♍54'33	0.66633 AU
inferior conj	-419 Sep 21 j 15:41	23°♍14'42	-1°-30'-46
minimum elong	-419 Sep 21 j 17:58	23°♍07'30	1°29'50
asc. node	-419 Sep 26 j 02:55	18°♍18'34	
morning rise	-419 Sep 27 j 11:33	17°♍19'46	
direct	-419 Sep 30 j 14:56	16°♍23'02	
morning max el	-419 Oct 07 j 14:02	20°♍17'46	19°03'15
	-419 Oct 15 j 04:58	0°♎	
morning set	-419 Oct 29 j 22:53	22°♎41'37	
	-419 Nov 03 j 14:41	0°♏	
desc. node	-419 Nov 05 j 01:32	2°♏16'37	
max. Earth dist.	-419 Nov 13 j 16:59	15°♏51'03	1.44821 AU
superior conj	-419 Nov 15 j 14:12	18°♏49'24	-1°-5'-20
minimum elong	-419 Nov 15 j 06:35	18°♏19'20	1°04'28
	-419 Nov 22 j 14:52	0°♐	
evening rise	-419 Nov 30 j 17:38	13°♐08'08	
	-419 Dec 11 j 02:51	0°♑	
evening max el	-419 Dec 20 j 23:07	13°♑32'52	18°38'05
asc. node	-419 Dec 23 j 02:11	15°♑27'21	
retrograde	-419 Dec 27 j 14:53	17°♑15'26	
evening set	-419 Dec 30 j 15:46	16°♑23'28	
inferior conj	-418 Jan 05 j 12:47	10°♑44'31	3°32'21
minimum elong	-418 Jan 05 j 10:27	10°♑51'28	3°31'58
min. Earth dist.	-418 Jan 07 j 10:41	8°♑27'18	0.64831 AU
morning rise	-418 Jan 11 j 03:55	4°♑36'20	
direct	-418 Jan 17 j 22:05	1°♑45'01	
morning max el	-418 Jan 31 j 06:20	9°♑30'03	27°09'51
desc. node	-418 Feb 01 j 00:44	10°♑16'50	
	-418 Feb 16 j 09:10	0°♒	
	-418 Mar 06 j 02:31	0°♓	
morning set	-418 Mar 07 j 17:57	3°♓09'08	
max. Earth dist.	-418 Mar 12 j 10:22	12°♓28'55	1.33952 AU
superior conj	-418 Mar 15 j 23:48	19°♓52'00	0°-51'-14
minimum elong	-418 Mar 16 j 02:14	20°♓04'47	0°50'48
	-418 Mar 20 j 18:35	0°♈	
asc. node	-418 Mar 21 j 01:32	0°♈36'53	
evening rise	-418 Mar 23 j 09:12	5°♈29'57	
	-418 Apr 05 j 20:15	0°♉	
evening max el	-418 Apr 12 j 22:45	8°♉36'22	21°50'02
retrograde	-418 Apr 25 j 10:53	14°♉42'42	
evening set	-418 Apr 28 j 01:46	14°♉27'21	
desc. node	-418 Apr 29 j 23:56	13°♉57'46	
inferior conj	-418 May 07 j 11:02	10°♉23'43	-2°-5'-5
minimum elong	-418 May 07 j 05:25	10°♉31'36	2°03'15
min. Earth dist.	-418 May 07 j 03:20	10°♉34'31	0.55062 AU
morning rise	-418 May 16 j 10:09	6°♉27'20	
direct	-418 May 19 j 09:28	6°♉07'47	
morning max el	-418 May 31 j 12:42	11°♉50'31	21°42'11
	-418 Jun 13 j 17:00	0°♊	
asc. node	-418 Jun 17 j 00:50	6°♊13'19	
morning set	-418 Jun 21 j 03:27	14°♊30'38	
superior conj	-418 Jun 28 j 12:13	29°♊59'10	1°35'43
minimum elong	-418 Jun 28 j 10:02	29°♊47'48	1°35'31
	-418 Jun 28 j 12:22	0°♋	
max. Earth dist.	-418 Jul 02 j 04:32	7°♋33'47	1.34895 AU
evening rise	-418 Jul 06 j 18:04	16°♋33'57	
	-418 Jul 14 j 02:32	0°♌	
desc. node	-418 Jul 26 j 23:16	20°♌22'00	
	-418 Aug 03 j 04:01	0°♍	
evening max el	-418 Aug 10 j 21:26	8°♍34'57	26°51'36
retrograde	-418 Aug 24 j 00:01	15°♍52'16	
evening set	-418 Aug 30 j 17:35	13°♍08'12	
min. Earth dist.	-418 Sep 03 j 16:49	9°♍07'36	0.65626 AU
inferior conj	-418 Sep 05 j 12:48	6°♍58'52	-2°-25'-49
minimum elong	-418 Sep 05 j 16:25	6°♍48'16	2°24'30
morning rise	-418 Sep 11 j 16:36	1°♍16'24	
asc. node	-418 Sep 13 j 00:01	0°♍45'15	
direct	-418 Sep 14 j 12:01	0°♍32'44	
morning max el	-418 Sep 21 j 02:29	4°♍09'32	18°22'42
	-418 Oct 08 j 15:30	0°♎	
morning set	-418 Oct 10 j 09:49	2°♎52'12	
desc. node	-418 Oct 22 j 22:34	22°♎59'55	
superior conj	-418 Oct 25 j 14:44	27°♎13'32	0°-17'-27
minimum elong	-418 Oct 25 j 12:27	27°♎04'29	0°17'09
	-418 Oct 27 j 09:00	0°♏	
max. Earth dist.	-418 Oct 27 j 11:22	0°♏09'20	1.44986 AU
evening rise	-418 Nov 11 j 00:30	22°♏58'21	
	-418 Nov 15 j 11:58	0°♐	
greatest brilliancy	-418 Nov 24 j 21:19	14°♐30'34	-0.7m
evening max el	-418 Dec 04 j 08:04	27°♐00'06	19°19'30
	-418 Dec 07 j 22:40	0°♑	
asc. node	-418 Dec 09 j 23:15	0°♑53'28	
retrograde	-418 Dec 11 j 10:50	1°♑05'44	
evening set	-418 Dec 14 j 18:27	0°♑01'33	
	-418 Dec 14 j 19:24	30°℞♐	
inferior conj	-418 Dec 20 j 09:52	24°♐06'57	3°03'09
minimum elong	-418 Dec 20 j 07:03	24°♐15'59	3°02'27
min. Earth dist.	-418 Dec 21 j 17:11	22°♐26'26	0.66089 AU
morning rise	-418 Dec 25 j 18:51	17°♐54'14	
direct	-417 Jan 01 j 01:49	15°♐08'39	
morning max el	-417 Jan 13 j 15:43	22°♐34'28	26°09'05
desc. node	-417 Jan 18 j 21:46	28°♐23'43	
	-417 Jan 20 j 05:22	0°♑	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-417 Feb 09 j 15:50	0°♒	
morning set	-417 Feb 18 j 19:25	16°♒09'00	
max. Earth dist.	-417 Feb 22 j 20:04	23°♒48'44	1.35356 AU
	-417 Feb 25 j 23:15	0°♓	
superior conj	-417 Feb 27 j 20:42	3°♓49'30	-1°-16'-33
minimum elong	-417 Feb 28 j 00:08	4°♓07'00	1°16'03
evening rise	-417 Mar 07 j 16:44	19°♓58'50	
asc. node	-417 Mar 07 j 22:34	20°♓28'43	
	-417 Mar 12 j 17:42	0°♈	
evening max el	-417 Mar 26 j 03:04	19°♈45'43	20°27'46
retrograde	-417 Apr 06 j 00:01	24°♈59'05	
evening set	-417 Apr 08 j 03:52	24°♈47'35	
desc. node	-417 Apr 16 j 20:58	21°♈03'31	
inferior conj	-417 Apr 17 j 06:11	20°♈50'08	0°-6'-34
minimum elong	-417 Apr 17 j 05:52	20°♈50'35	0°06'28
transit middle	-417 Apr 17 j 05:52	20°♈50'35	0°06'28
transit begin	-417 Apr 17 j 02:10	20°♈55'58	
transit end	-417 Apr 17 j 09:34	20°♈45'11	
min. Earth dist.	-417 Apr 18 j 16:57	19°♈59'32	0.55212 AU
morning rise	-417 Apr 26 j 05:55	16°♈34'36	
direct	-417 Apr 29 j 21:32	16°♈05'40	
morning max el	-417 May 13 j 07:45	22°♈38'52	23°20'28
	-417 May 19 j 19:06	0°♉	
asc. node	-417 Jun 03 j 21:52	25°♉54'50	
morning set	-417 Jun 05 j 14:46	29°♉26'56	
	-417 Jun 05 j 21:04	0°♊	
superior conj	-417 Jun 12 j 18:04	14°♊43'14	1°21'17
minimum elong	-417 Jun 12 j 15:34	14°♊29'47	1°20'56
max. Earth dist.	-417 Jun 15 j 03:28	19°♊48'27	1.33701 AU
evening rise	-417 Jun 20 j 09:12	0°♋34'00	
	-417 Jun 20 j 02:23	0°♋	
	-417 Jul 07 j 02:34	0°♌	
desc. node	-417 Jul 13 j 20:19	9°♌40'37	
evening max el	-417 Jul 24 j 09:00	21°♌53'39	27°21'32
retrograde	-417 Aug 06 j 21:42	29°♌13'25	
evening set	-417 Aug 14 j 00:09	26°♌30'26	
min. Earth dist.	-417 Aug 17 j 17:10	23°♌05'54	0.64258 AU
inferior conj	-417 Aug 20 j 02:17	20°♌33'40	-3°-17'-31
minimum elong	-417 Aug 20 j 06:49	20°♌21'35	3°16'10
morning rise	-417 Aug 26 j 15:19	15°♌07'06	
direct	-417 Aug 29 j 05:21	14°♌32'57	
asc. node	-417 Aug 30 j 21:05	14°♌47'06	
morning max el	-417 Sep 04 j 17:44	18°♌00'03	17°59'15
	-417 Sep 13 j 11:08	0°♍	
morning set	-417 Sep 22 j 00:24	14°♍23'04	
	-417 Oct 01 j 07:30	0°♎	
superior conj	-417 Oct 05 j 04:18	6°♎19'21	0°30'18
minimum elong	-417 Oct 05 j 07:39	6°♎32'55	0°29'50
desc. node	-417 Oct 09 j 19:36	13°♎46'18	
max. Earth dist.	-417 Oct 10 j 05:33	14°♎25'51	1.44421 AU
	-417 Oct 20 j 04:12	0°♏	
evening rise	-417 Oct 21 j 12:19	2°♏03'53	
	-417 Nov 09 j 04:07	0°♐	
greatest brilliancy	-417 Nov 10 j 23:31	2°♐29'59	-0.6m
evening max el	-417 Nov 17 j 12:14	10°♐28'20	20°16'10
retrograde	-417 Nov 25 j 08:22	15°♐04'50	
asc. node	-417 Nov 26 j 20:18	14°♐52'03	
evening set	-417 Nov 29 j 00:35	13°♐46'23	
inferior conj	-417 Dec 04 j 12:22	7°♐39'02	2°24'59
minimum elong	-417 Dec 04 j 09:40	7°♐48'06	2°24'06
min. Earth dist.	-417 Dec 05 j 06:33	6°♐37'49	0.66962 AU
morning rise	-417 Dec 09 j 18:13	1°♐23'56	
	-417 Dec 11 j 15:20	30°℞♏	
direct	-417 Dec 15 j 10:51	28°♏54'01	
	-417 Dec 19 j 15:05	0°♐	
morning max el	-417 Dec 27 j 00:10	5°♐46'53	24°50'07
desc. node	-416 Jan 05 j 18:48	17°♐21'21	
	-416 Jan 14 j 18:34	0°♑	
morning set	-416 Feb 01 j 02:25	28°♑09'26	
	-416 Feb 02 j 03:14	0°♒	
max. Earth dist.	-416 Feb 04 j 19:26	4°♒51'22	1.37176 AU
superior conj	-416 Feb 11 j 07:34	17°♒12'27	-1°-38'-40
minimum elong	-416 Feb 11 j 11:21	17°♒30'56	1°38'16
	-416 Feb 17 j 17:53	0°♓	
evening rise	-416 Feb 19 j 18:56	4°♓05'54	
asc. node	-416 Feb 22 j 19:37	10°♓04'34	
	-416 Mar 06 j 06:41	0°♈	
evening max el	-416 Mar 07 j 18:33	1°♈32'49	19°23'06
retrograde	-416 Mar 16 j 22:55	5°♈57'17	
evening set	-416 Mar 19 j 03:22	5°♈43'25	
inferior conj	-416 Mar 27 j 13:05	1°♈35'49	1°41'37
minimum elong	-416 Mar 27 j 16:53	1°♈29'35	1°40'26
	-416 Mar 29 j 23:37	30°℞♓	
min. Earth dist.	-416 Mar 30 j 07:35	29°♓47'19	0.56266 AU
desc. node	-416 Apr 02 j 17:58	27°♓49'11	
morning rise	-416 Apr 05 j 02:37	26°♓49'00	
direct	-416 Apr 09 j 19:21	25°♓58'45	
	-416 Apr 20 j 05:31	0°♈	
morning max el	-416 Apr 23 j 22:30	3°♈09'30	25°00'12
	-416 May 12 j 20:12	0°♉	
morning set	-416 May 20 j 02:47	14°♉26'32	
asc. node	-416 May 20 j 18:55	15°♉51'41	
superior conj	-416 May 27 j 03:43	29°♉38'46	1°02'42
minimum elong	-416 May 27 j 01:24	29°♉26'09	1°02'18
	-416 May 27 j 07:37	0°♊	
max. Earth dist.	-416 May 28 j 10:34	2°♊26'21	1.32890 AU
evening rise	-416 Jun 03 j 09:21	15°♊01'25	
	-416 Jun 11 j 03:16	0°♋	
desc. node	-416 Jun 29 j 17:19	28°♋13'00	
	-416 Jul 01 j 05:40	0°♌	
evening max el	-416 Jul 05 j 17:59	4°♌45'03	27°21'32
retrograde	-416 Jul 19 j 12:53	12°♌03'23	
evening set	-416 Jul 26 j 17:26	9°♌33'55	
min. Earth dist.	-416 Jul 30 j 07:22	6°♌38'58	0.62546 AU
inferior conj	-416 Aug 02 j 05:14	3°♌52'50	-4°-2'-1
minimum elong	-416 Aug 02 j 09:46	3°♌42'03	4°01'05
	-416 Aug 06 j 19:26	30°℞♋	
morning rise	-416 Aug 09 j 04:32	28°♋45'40	
direct	-416 Aug 11 j 15:42	28°♋18'10	
	-416 Aug 16 j 08:19	0°♌	
asc. node	-416 Aug 16 j 18:07	0°♌18'11	
morning max el	-416 Aug 18 j 09:03	1°♌43'43	17°53'50
morning set	-416 Sep 03 j 13:11	26°♌57'43	
	-416 Sep 05 j 06:01	0°♍	
superior conj	-416 Sep 14 j 20:01	16°♍43'22	1°07'59
minimum elong	-416 Sep 15 j 01:06	17°♍04'56	1°07'23
max. Earth dist.	-416 Sep 21 j 20:19	28°♍21'50	1.43200 AU
	-416 Sep 22 j 20:33	0°♎	
desc. node	-416 Sep 25 j 16:39	4°♎32'50	
evening rise	-416 Sep 29 j 19:32	11°♎01'47	
	-416 Oct 12 j 08:21	0°♏	
greatest brilliancy	-416 Oct 25 j 09:02	18°♏05'58	-0.4m
evening max el	-416 Oct 30 j 10:34	23°♏56'38	21°25'15
retrograde	-416 Nov 08 j 05:26	29°♏09'58	
evening set	-416 Nov 12 j 08:19	27°♏35'14	
asc. node	-416 Nov 12 j 17:19	27°♏17'00	
inferior conj	-416 Nov 17 j 18:05	21°♏18'32	1°40'06
minimum elong	-416 Nov 17 j 15:59	21°♏25'47	1°39'17

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

min. Earth dist.	-416 Nov 18 j 00:38	20°♏55'56	0.67471 AU
morning rise	-416 Nov 22 j 23:21	15°♏03'08	
direct	-416 Nov 28 j 00:32	12°♏54'15	
morning max el	-416 Dec 08 j 09:14	19°♏04'12	23°23'00
greatest brilliancy	-416 Dec 13 j 20:06	25°♏13'03	-0.2m
	-416 Dec 17 j 14:12	0°♐	
desc. node	-416 Dec 22 j 15:51	6°♐55'21	
	-415 Jan 06 j 22:39	0°♑	
morning set	-415 Jan 12 j 08:43	8°♑54'25	
max. Earth dist.	-415 Jan 16 j 14:45	16°♑11'18	1.39258 AU
superior conj	-415 Jan 24 j 04:22	29°♑50'09	-1°-54'-49
minimum elong	-415 Jan 24 j 07:13	0°♒03'25	1°54'40
	-415 Jan 24 j 06:29	0°♒	
evening rise	-415 Feb 02 j 13:08	17°♒43'59	
asc. node	-415 Feb 08 j 16:38	29°♒18'11	
	-415 Feb 09 j 02:00	0°♓	
evening max el	-415 Feb 18 j 19:36	13°♓54'44	18°38'11
retrograde	-415 Feb 26 j 15:50	17°♓44'06	
evening set	-415 Mar 01 j 00:30	17°♓24'33	
inferior conj	-415 Mar 08 j 15:52	12°♓58'21	2°57'42
minimum elong	-415 Mar 08 j 20:04	12°♓50'19	2°56'46
min. Earth dist.	-415 Mar 12 j 00:58	10°♓24'16	0.57991 AU
morning rise	-415 Mar 16 j 11:36	7°♓40'21	
desc. node	-415 Mar 20 j 15:00	6°♓23'14	
direct	-415 Mar 22 j 06:42	6°♓16'19	
morning max el	-415 Apr 05 j 15:04	13°♓50'17	26°26'06
	-415 Apr 18 j 10:54	0°♈	
morning set	-415 May 04 j 13:49	29°♈22'32	
	-415 May 04 j 20:57	0°♉	
asc. node	-415 May 07 j 15:56	5°♉57'49	
superior conj	-415 May 11 j 15:12	14°♉38'15	0°40'53
minimum elong	-415 May 11 j 13:30	14°♉28'56	0°40'33
max. Earth dist.	-415 May 11 j 22:18	15°♉17'16	1.32446 AU
evening rise	-415 May 18 j 15:32	29°♉45'36	
	-415 May 18 j 18:17	0°♊	
	-415 Jun 04 j 08:12	0°♋	
desc. node	-415 Jun 16 j 14:19	15°♋38'56	
evening max el	-415 Jun 17 j 21:39	16°♋56'02	26°48'38
retrograde	-415 Jul 01 j 20:54	24°♋12'24	
evening set	-415 Jul 08 j 17:00	22°♋10'16	
min. Earth dist.	-415 Jul 12 j 11:16	19°♋31'35	0.60566 AU
inferior conj	-415 Jul 15 j 18:14	16°♋47'02	-4°-33'-19
minimum elong	-415 Jul 15 j 21:09	16°♋40'56	4°33'02
morning rise	-415 Jul 23 j 04:27	12°♋02'04	
direct	-415 Jul 25 j 15:01	11°♋39'03	
morning max el	-415 Aug 01 j 21:27	15°♋12'35	18°07'26
asc. node	-415 Aug 03 j 15:09	17°♋03'33	
	-415 Aug 12 j 03:26	0°♌	
morning set	-415 Aug 17 j 18:19	10°♌19'14	
superior conj	-415 Aug 27 j 14:17	28°♌25'58	1°32'30
minimum elong	-415 Aug 27 j 18:06	28°♌43'03	1°32'11
	-415 Aug 28 j 11:23	0°♍	
max. Earth dist.	-415 Sep 04 j 05:11	11°♍39'20	1.41481 AU
evening rise	-415 Sep 09 j 15:56	20°♍37'33	
desc. node	-415 Sep 12 j 13:41	25°♍15'49	
	-415 Sep 15 j 14:27	0°♎	
	-415 Oct 06 j 16:03	0°♏	
greatest brilliancy	-415 Oct 08 j 05:16	1°♏54'55	-0.3m
evening max el	-415 Oct 13 j 03:20	7°♏25'45	22°42'49
retrograde	-415 Oct 23 j 00:27	13°♏18'05	
evening set	-415 Oct 27 j 15:52	11°♏25'38	
asc. node	-415 Oct 30 j 14:21	8°♏20'05	
inferior conj	-415 Nov 02 j 01:08	5°♏03'22	0°50'14
minimum elong	-415 Nov 01 j 23:59	5°♏07'20	0°49'44
min. Earth dist.	-415 Nov 01 j 21:04	5°♏17'23	0.67641 AU
	-415 Nov 06 j 01:37	30°℞♎	
morning rise	-415 Nov 07 j 08:02	28°♎49'59	
direct	-415 Nov 11 j 18:14	27°♎03'42	
	-415 Nov 18 j 05:38	0°♏	
morning max el	-415 Nov 20 j 21:59	2°♏27'48	21°56'57
greatest brilliancy	-415 Nov 25 j 16:37	7°♏51'54	-0.4m
desc. node	-415 Dec 09 j 12:55	26°♏55'28	
	-415 Dec 11 j 14:40	0°♐	
morning set	-415 Dec 23 j 09:59	18°♐15'39	
max. Earth dist.	-415 Dec 29 j 13:13	28°♐17'25	1.41337 AU
	-415 Dec 30 j 13:43	0°♑	
superior conj	-414 Jan 06 j 06:05	11°♑30'22	-2°-1'-17
minimum elong	-414 Jan 06 j 06:04	11°♑30'18	2°01'18
	-414 Jan 16 j 10:14	0°♒	
evening rise	-414 Jan 16 j 20:03	0°♒45'28	
asc. node	-414 Jan 26 j 13:40	18°♒02'28	
evening max el	-414 Feb 02 j 03:30	26°♒44'22	18°13'22
	-414 Feb 07 j 07:12	0°♓	
retrograde	-414 Feb 09 j 02:52	0°♓14'27	
	-414 Feb 10 j 23:12	30°℞♒	
evening set	-414 Feb 11 j 15:59	29°♒47'15	
inferior conj	-414 Feb 18 j 15:23	24°♒59'50	3°38'50
minimum elong	-414 Feb 18 j 17:40	24°♒54'45	3°38'34
min. Earth dist.	-414 Feb 21 j 23:41	22°♒02'16	0.60052 AU
morning rise	-414 Feb 25 j 16:04	19°♒19'15	
direct	-414 Mar 04 j 06:41	17°♒17'14	
desc. node	-414 Mar 07 j 12:02	17°♒44'47	
morning max el	-414 Mar 18 j 13:15	25°♒03'39	27°24'10
	-414 Mar 23 j 02:31	0°♓	
	-414 Apr 11 j 17:31	0°♈	
morning set	-414 Apr 18 j 22:09	14°♈08'46	
asc. node	-414 Apr 24 j 12:59	26°♈08'44	
max. Earth dist.	-414 Apr 25 j 11:02	28°♈09'11	1.32367 AU
superior conj	-414 Apr 26 j 02:49	29°♈35'45	0°16'38
minimum elong	-414 Apr 26 j 02:05	29°♈31'39	0°16'29
	-414 Apr 26 j 07:15	0°♉	
evening rise	-414 May 03 j 01:26	14°♉38'52	
	-414 May 10 j 19:05	0°♊	
evening max el	-414 May 30 j 18:39	28°♊22'14	25°44'42
	-414 Jun 01 j 13:47	0°♋	
desc. node	-414 Jun 03 j 11:19	1°♋31'14	
retrograde	-414 Jun 13 j 20:06	5°♋34'30	
evening set	-414 Jun 19 j 18:41	4°♋10'09	
min. Earth dist.	-414 Jun 24 j 07:02	1°♋29'36	0.58511 AU
	-414 Jun 26 j 08:56	30°℞♊	
inferior conj	-414 Jun 27 j 13:45	29°♊07'15	-4°-42'00
minimum elong	-414 Jun 27 j 13:00	29°♊08'36	4°41'59
morning rise	-414 Jul 05 j 11:06	24°♊44'55	
direct	-414 Jul 07 j 22:53	24°♊24'55	
morning max el	-414 Jul 16 j 03:55	28°♊17'58	18°41'07
	-414 Jul 17 j 19:27	0°♋	
asc. node	-414 Jul 21 j 12:13	4°♋48'12	
morning set	-414 Aug 01 j 11:13	24°♋15'41	
	-414 Aug 04 j 09:54	0°♌	
superior conj	-414 Aug 10 j 06:01	11°♌12'47	1°44'50
minimum elong	-414 Aug 10 j 07:38	11°♌20'24	1°44'46
max. Earth dist.	-414 Aug 17 j 08:58	24°♌12'21	1.39504 AU
	-414 Aug 20 j 17:09	0°♍	
evening rise	-414 Aug 21 j 12:09	1°♍20'41	
desc. node	-414 Aug 30 j 10:42	15°♍51'19	
	-414 Sep 08 j 22:28	0°♎	
evening max el	-414 Sep 25 j 16:18	20°♎57'37	24°03'10
retrograde	-414 Oct 06 j 16:04	27°♎25'21	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-414 Oct 11 j 21:35	25°♎14'48		
min. Earth dist.	-414 Oct 16 j 17:22	19°♎39'40	0.67500 AU	
inferior conj	-414 Oct 17 j 07:44	18°♎51'02	0°-3'-10	
minimum elong	-414 Oct 17 j 07:48	18°♎50'48	0°03'09	
transit middle	-414 Oct 17 j 07:48	18°♎50'48	0°03'09	
transit begin	-414 Oct 17 j 05:08	18°♎59'51		
transit end	-414 Oct 17 j 10:28	18°♎41'44		
asc. node	-414 Oct 17 j 11:25	18°♎38'34		
morning rise	-414 Oct 22 j 18:14	12°♎42'22		
direct	-414 Oct 26 j 14:56	11°♎17'31		
morning max el	-414 Nov 03 j 17:15	15°♎59'49	20°39'03	
greatest brilliancy	-414 Nov 09 j 19:03	23°♎10'57	-0.5m	
	-414 Nov 14 j 18:22	0°♏		
desc. node	-414 Nov 26 j 09:58	17°♏13'41		
morning set	-414 Dec 02 j 11:21	26°♏32'29		
	-414 Dec 04 j 16:32	0°♐		
max. Earth dist.	-414 Dec 11 j 18:51	11°♐17'21	1.43131 AU	
superior conj	-414 Dec 18 j 07:15	22°♐00'02	-1°-53'-35	
minimum elong	-414 Dec 18 j 02:36	21°♐40'37	1°53'22	
	-414 Dec 23 j 00:34	0°♑		
evening rise	-414 Dec 30 j 11:34	13°♑01'02		
	-413 Jan 09 j 07:49	0°♒		
asc. node	-413 Jan 13 j 10:43	6°♒07'35		
evening max el	-413 Jan 16 j 15:10	9°♒52'32	18°08'13	
retrograde	-413 Jan 23 j 04:24	13°♒17'45		
evening set	-413 Jan 25 j 21:45	12°♒41'42		
inferior conj	-413 Feb 01 j 08:30	7°♒32'58	3°51'39	
minimum elong	-413 Feb 01 j 08:30	7°♒32'59	3°51'39	
min. Earth dist.	-413 Feb 04 j 06:06	4°♒36'50	0.62116 AU	
morning rise	-413 Feb 07 j 16:59	1°♒38'07		
	-413 Feb 10 j 12:13	30°℞♑		
direct	-413 Feb 14 j 16:31	29°♑05'42		
	-413 Feb 19 j 02:05	0°♒		
desc. node	-413 Feb 22 j 09:05	1°♒43'04		
morning max el	-413 Feb 28 j 17:16	6°♒56'53	27°46'40	
	-413 Mar 18 j 06:29	0°♓		
morning set	-413 Apr 03 j 01:43	28°♓37'39		
	-413 Apr 03 j 17:50	0°♈		
max. Earth dist.	-413 Apr 08 j 20:52	10°♈48'19	1.32661 AU	
superior conj	-413 Apr 10 j 12:55	14°♈24'59	0°-9'-18	
minimum elong	-413 Apr 10 j 13:21	14°♈27'21	0°09'13	
behind sun begin	-413 Apr 10 j 09:08	14°♈04'27		
behind sun end	-413 Apr 10 j 17:34	14°♈50'14		
asc. node	-413 Apr 11 j 10:03	16°♈19'52		
evening rise	-413 Apr 17 j 13:06	29°♈33'53		
	-413 Apr 17 j 18:03	0°♉		
	-413 May 04 j 14:58	0°♊		
evening max el	-413 May 12 j 10:24	9°♊11'46	24°18'15	
desc. node	-413 May 21 j 08:19	15°♊15'04		
retrograde	-413 May 26 j 07:44	16°♊11'33		
evening set	-413 May 30 j 21:57	15°♊24'29		
min. Earth dist.	-413 Jun 05 j 21:50	12°♊25'55	0.56679 AU	
inferior conj	-413 Jun 08 j 13:18	10°♊45'47	-4°-15'-37	
minimum elong	-413 Jun 08 j 08:01	10°♊54'12	4°14'47	
morning rise	-413 Jun 16 j 21:51	6°♊42'39		
direct	-413 Jun 19 j 12:16	6°♊24'27		
morning max el	-413 Jun 29 j 01:31	10°♊50'27	19°35'47	
asc. node	-413 Jul 08 j 09:18	23°♊18'54		
	-413 Jul 12 j 02:27	0°♋		
morning set	-413 Jul 16 j 12:26	8°♋38'36		
superior conj	-413 Jul 24 j 13:43	24°♋48'40	1°47'11	
minimum elong	-413 Jul 24 j 13:22	24°♋46'55	1°47'11	
	-413 Jul 27 j 05:35	0°♌		
max. Earth dist.	-413 Jul 30 j 12:18	6°♌12'51	1.37528 AU	

evening rise	-413 Aug 03 j 08:56	13°♌14'58		
	-413 Aug 13 j 07:22	0°♍		
desc. node	-413 Aug 17 j 07:43	6°♍15'06		
	-413 Sep 03 j 21:12	0°♎		
evening max el	-413 Sep 08 j 03:56	4°♎33'57	25°19'09	
retrograde	-413 Sep 20 j 03:20	11°♎28'29		
evening set	-413 Sep 25 j 23:42	9°♎01'11		
min. Earth dist.	-413 Sep 30 j 11:07	4°♎01'32	0.67046 AU	
inferior conj	-413 Oct 01 j 12:10	2°♎40'04	0°-58'-35	
minimum elong	-413 Oct 01 j 13:38	2°♎35'18	0°57'58	
	-413 Oct 03 j 15:04	30°℞♍		
asc. node	-413 Oct 04 j 08:29	29°♍10'09		
morning rise	-413 Oct 07 j 04:07	26°♍39'07		
direct	-413 Oct 10 j 13:16	25°♍32'58		
morning max el	-413 Oct 17 j 20:12	29°♍42'00	19°33'55	
	-413 Oct 18 j 03:13	0°♎		
greatest brilliancy	-413 Oct 26 j 11:27	10°♎40'22	-0.7m	
	-413 Nov 08 j 06:56	0°♏		
morning set	-413 Nov 11 j 09:53	4°♏49'54		
desc. node	-413 Nov 13 j 07:01	7°♏45'02		
max. Earth dist.	-413 Nov 24 j 07:58	25°♏03'26	1.44401 AU	
	-413 Nov 27 j 10:29	0°♐		
superior conj	-413 Nov 28 j 05:34	1°♐16'26	-1°-28'-2	
minimum elong	-413 Nov 27 j 21:28	0°♐43'58	1°27'16	
evening rise	-413 Dec 12 j 07:21	24°♐23'17		
	-413 Dec 15 j 15:29	0°♑		
evening max el	-413 Dec 31 j 03:45	23°♑12'00	18°21'58	
asc. node	-413 Dec 31 j 07:46	23°♑22'07		
retrograde	-412 Jan 06 j 16:07	26°♑44'56		
evening set	-412 Jan 09 j 14:03	25°♑58'59		
inferior conj	-412 Jan 15 j 15:17	20°♑30'16	3°43'50	
minimum elong	-412 Jan 15 j 13:34	20°♑35'06	3°43'39	
min. Earth dist.	-412 Jan 17 j 21:58	17°♑55'23	0.63944 AU	
morning rise	-412 Jan 21 j 11:37	14°♑26'13		
direct	-412 Jan 28 j 09:58	11°♑37'39		
desc. node	-412 Feb 09 j 06:10	17°♑43'25		
morning max el	-412 Feb 11 j 01:27	19°♑26'42	27°32'46	
	-412 Feb 20 j 02:02	0°♒		
	-412 Mar 10 j 05:12	0°♓		
morning set	-412 Mar 16 j 21:59	12°♓40'54		
max. Earth dist.	-412 Mar 22 j 00:05	23°♓02'40	1.33360 AU	
superior conj	-412 Mar 24 j 19:38	28°♓59'41	0°-35'-57	
minimum elong	-412 Mar 24 j 21:22	29°♓08'51	0°35'38	
	-412 Mar 25 j 06:56	0°♈		
asc. node	-412 Mar 28 j 07:06	6°♈27'05		
evening rise	-412 Apr 01 j 00:40	14°♈24'11		
	-412 Apr 08 j 22:36	0°♉		
evening max el	-412 Apr 23 j 01:57	19°♉47'04	22°42'59	
retrograde	-412 May 06 j 06:25	26°♉18'10		
desc. node	-412 May 07 j 05:21	26°♉16'07		
evening set	-412 May 09 j 11:39	25°♉55'29		
min. Earth dist.	-412 May 17 j 10:32	22°♉26'43	0.55419 AU	
inferior conj	-412 May 18 j 18:10	21°♉41'29	-3°-4'-36	
minimum elong	-412 May 18 j 11:05	21°♉51'38	3°02'38	
morning rise	-412 May 27 j 13:05	17°♉47'49		
direct	-412 May 30 j 07:58	17°♉29'45		
morning max el	-412 Jun 10 j 12:15	22°♉41'34	20°50'57	
	-412 Jun 16 j 18:10	0°♊		
asc. node	-412 Jun 24 j 06:22	12°♊23'53		
morning set	-412 Jun 29 j 19:13	23°♊19'40		
	-412 Jul 03 j 00:32	0°♋		
superior conj	-412 Jul 07 j 08:42	8°♋59'24	1°41'43	
minimum elong	-412 Jul 07 j 07:00	8°♋50'40	1°41'37	
max. Earth dist.	-412 Jul 11 j 20:53	18°♋03'20	1.35762 AU	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening rise	-412 Jul 16 j 01:58	26°♋08'35	
	-412 Jul 18 j 04:04	0°♌	
desc. node	-412 Aug 03 j 04:44	26°♌20'36	
	-412 Aug 05 j 17:35	0°♍	
evening max el	-412 Aug 20 j 15:39	18°♍10'08	26°23'08
retrograde	-412 Sep 02 j 09:37	25°♍21'23	
evening set	-412 Sep 08 j 20:15	22°♍41'19	
min. Earth dist.	-412 Sep 12 j 23:45	18°♍19'11	0.66255 AU
inferior conj	-412 Sep 14 j 12:32	16°♍26'46	-1°-54'-20
minimum elong	-412 Sep 14 j 15:25	16°♍17'58	1°53'12
morning rise	-412 Sep 20 j 11:36	10°♍36'47	
asc. node	-412 Sep 20 j 05:34	10°♍45'38	
direct	-412 Sep 23 j 11:24	9°♍45'55	
morning max el	-412 Sep 30 j 05:50	13°♍31'31	18°43'59
	-412 Oct 12 j 05:18	0°♎	
morning set	-412 Oct 21 j 04:26	14°♎11'28	
desc. node	-412 Oct 30 j 04:04	28°♎24'46	
	-412 Oct 31 j 04:14	0°♏	
superior conj	-412 Nov 06 j 08:24	9°♏42'42	0°-45'-48
minimum elong	-412 Nov 06 j 02:32	9°♏19'39	0°45'05
max. Earth dist.	-412 Nov 06 j 01:49	9°♏16'48	1.44986 AU
	-412 Nov 19 j 04:09	0°♐	
evening rise	-412 Nov 22 j 03:49	4°♐46'31	
	-412 Dec 08 j 07:05	0°♑	
evening max el	-412 Dec 13 j 14:34	6°♑36'58	18°53'43
asc. node	-412 Dec 17 j 04:48	9°♑31'59	
retrograde	-412 Dec 20 j 10:05	10°♑28'14	
evening set	-412 Dec 23 j 13:41	9°♑31'07	
inferior conj	-412 Dec 29 j 08:02	3°♑44'55	3°21'16
minimum elong	-412 Dec 29 j 05:25	3°♑53'01	3°20'43
min. Earth dist.	-412 Dec 30 j 23:27	1°♑43'03	0.65410 AU
	-411 Jan 01 j 10:27	30°℞♐	
morning rise	-411 Jan 03 j 20:09	27°♐34'36	
direct	-411 Jan 10 j 09:59	24°♐44'39	
	-411 Jan 20 j 22:42	0°♑	
morning max el	-411 Jan 23 j 11:15	2°♑22'42	26°47'02
desc. node	-411 Jan 26 j 03:15	5°♑11'54	
	-411 Feb 13 j 06:58	0°♒	
morning set	-411 Feb 28 j 07:36	26°♒08'05	
	-411 Mar 02 j 07:41	0°♓	
max. Earth dist.	-411 Mar 04 j 17:05	4°♓43'52	1.34494 AU
superior conj	-411 Mar 08 j 20:52	13°♓13'14	-1°-2'-13
minimum elong	-411 Mar 08 j 23:47	13°♓28'20	1°01'43
asc. node	-411 Mar 15 j 04:08	26°♓26'15	
evening rise	-411 Mar 16 j 10:17	29°♓03'17	
	-411 Mar 16 j 21:14	0°♈	
	-411 Apr 04 j 08:47	0°♉	
evening max el	-411 Apr 05 j 00:10	0°♉38'00	21°13'08
retrograde	-411 Apr 16 j 20:36	6°♉22'51	
evening set	-411 Apr 19 j 04:58	6°♉10'05	
desc. node	-411 Apr 24 j 02:23	4°♉31'57	
inferior conj	-411 Apr 28 j 12:54	2°♉10'52	-1°-15'-46
minimum elong	-411 Apr 28 j 09:20	2°♉15'53	1°14'31
min. Earth dist.	-411 Apr 28 j 23:29	1°♉55'57	0.55008 AU
	-411 May 02 j 13:55	30°℞♈	
morning rise	-411 May 07 j 13:36	28°♈08'57	
direct	-411 May 10 j 18:26	27°♈46'44	
	-411 May 18 j 10:26	0°♉	
morning max el	-411 May 23 j 12:23	3°♉51'11	22°22'58
	-411 Jun 10 j 04:15	0°♊	
asc. node	-411 Jun 11 j 03:26	1°♊54'32	
morning set	-411 Jun 14 j 05:26	8°♊12'37	
superior conj	-411 Jun 21 j 11:26	23°♊34'27	1°30'10
minimum elong	-411 Jun 21 j 09:02	23°♊21'50	1°29'55
max. Earth dist.	-411 Jun 24 j 14:19	0°♋05'41	1.34342 AU
	-411 Jun 24 j 13:12	0°♋	
evening rise	-411 Jun 29 j 10:18	9°♋48'18	
	-411 Jul 10 j 14:43	0°♌	
desc. node	-411 Jul 21 j 01:44	15°♌59'34	
	-411 Aug 01 j 12:03	0°♍	
evening max el	-411 Aug 03 j 03:24	1°♍37'55	27°07'27
retrograde	-411 Aug 16 j 10:37	8°♍57'03	
evening set	-411 Aug 23 j 08:47	6°♍11'43	
min. Earth dist.	-411 Aug 27 j 05:04	2°♍27'13	0.65097 AU
inferior conj	-411 Aug 29 j 06:42	0°♍07'25	-2°-48'-19
minimum elong	-411 Aug 29 j 10:46	29°♌55'55	2°46'57
	-411 Aug 29 j 09:20	30°℞♌	
morning rise	-411 Sep 04 j 14:19	24°♌31'36	
direct	-411 Sep 07 j 07:08	23°♌52'25	
asc. node	-411 Sep 07 j 02:37	23°♌52'37	
morning max el	-411 Sep 13 j 19:51	27°♌23'50	18°10'35
	-411 Sep 16 j 03:17	0°♍	
morning set	-411 Oct 02 j 03:30	24°♍57'24	
	-411 Oct 05 j 04:43	0°♎	
superior conj	-411 Oct 16 j 11:57	18°♎17'30	0°03'37
minimum elong	-411 Oct 16 j 12:24	18°♎19'18	0°03'33
behind sun begin	-411 Oct 16 j 01:43	17°♎36'48	
behind sun end	-411 Oct 16 j 23:04	19°♎01'44	
desc. node	-411 Oct 17 j 01:04	19°♎09'39	
max. Earth dist.	-411 Oct 19 j 20:31	23°♎36'36	1.44831 AU
	-411 Oct 23 j 22:06	0°♏	
evening rise	-411 Nov 02 j 01:24	14°♏14'26	
	-411 Nov 12 j 06:29	0°♐	
greatest brilliancy	-411 Nov 18 j 23:32	9°♐59'06	-0.7m
evening max el	-411 Nov 26 j 21:31	20°♐03'55	19°41'54
retrograde	-411 Dec 04 j 07:05	24°♐22'20	
asc. node	-411 Dec 04 j 01:51	24°♐22'04	
evening set	-411 Dec 07 j 18:03	23°♐12'20	
inferior conj	-411 Dec 13 j 07:41	17°♐11'40	2°47'57
minimum elong	-411 Dec 13 j 04:51	17°♐20'58	2°47'07
min. Earth dist.	-411 Dec 14 j 09:10	15°♐47'51	0.66497 AU
morning rise	-411 Dec 18 j 14:58	10°♐57'29	
direct	-411 Dec 24 j 15:56	8°♐17'46	
morning max el	-410 Jan 05 j 20:25	15°♐31'52	25°37'16
desc. node	-410 Jan 13 j 00:17	23°♐42'20	
	-410 Jan 17 j 19:16	0°♑	
	-410 Feb 06 j 03:41	0°♒	
morning set	-410 Feb 11 j 01:56	8°♒44'41	
max. Earth dist.	-410 Feb 14 j 22:01	15°♒53'19	1.36075 AU
superior conj	-410 Feb 20 j 13:52	26°♒56'41	-1°-26'-29
minimum elong	-410 Feb 20 j 17:34	27°♒15'13	1°25'59
	-410 Feb 22 j 02:17	0°♓	
evening rise	-410 Feb 28 j 15:49	13°♓23'31	
asc. node	-410 Mar 02 j 01:09	16°♓11'53	
	-410 Mar 09 j 09:57	0°♈	
evening max el	-410 Mar 18 j 09:11	12°♈02'48	19°58'00
retrograde	-410 Mar 28 j 12:45	16°♈54'41	
evening set	-410 Mar 30 j 15:40	16°♈42'51	
inferior conj	-410 Apr 08 j 11:36	12°♈42'35	0°42'15
minimum elong	-410 Apr 08 j 13:26	12°♈39'47	0°41'37
min. Earth dist.	-410 Apr 10 j 13:40	11°♈26'30	0.55552 AU
desc. node	-410 Apr 10 j 23:25	11°♈12'00	
morning rise	-410 Apr 17 j 08:13	8°♈14'11	
direct	-410 Apr 21 j 09:25	7°♈38'02	
morning max el	-410 May 05 j 05:04	14°♈29'41	24°03'31
	-410 May 17 j 07:58	0°♉	
asc. node	-410 May 29 j 00:27	21°♉43'10	
morning set	-410 May 29 j 17:14	23°♉10'59	
	-410 Jun 01 j 21:55	0°♊	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-410 Jun 05 j 19:10	8°♊24'29	1°13'51	
minimum elong	-410 Jun 05 j 16:41	8°♊11'03	1°13'29	
max. Earth dist.	-410 Jun 07 j 16:47	12°♊29'31	1.33308 AU	
evening rise	-410 Jun 13 j 05:40	24°♊01'10		
	-410 Jun 16 j 06:21	0°♋		
	-410 Jul 04 j 05:31	0°♌		
desc. node	-410 Jul 07 j 22:45	5°♌00'36		
evening max el	-410 Jul 16 j 13:58	14°♌45'59	27°25'20	
retrograde	-410 Jul 30 j 05:56	22°♌06'18		
evening set	-410 Aug 06 j 10:15	19°♌27'10		
min. Earth dist.	-410 Aug 10 j 01:14	16°♌16'28	0.63569 AU	
inferior conj	-410 Aug 12 j 16:04	13°♌36'28	-3°-37'-34	
minimum elong	-410 Aug 12 j 20:45	13°♌24'32	3°36'22	
morning rise	-410 Aug 19 j 09:25	8°♌17'59		
direct	-410 Aug 21 j 21:48	7°♌47'08		
asc. node	-410 Aug 24 j 23:40	8°♌33'53		
morning max el	-410 Aug 28 j 11:33	11°♌12'44	17°54'39	
	-410 Sep 10 j 04:03	0°♍		
morning set	-410 Sep 14 j 04:17	6°♍57'37		
superior conj	-410 Sep 26 j 12:00	27°♍55'23	0°47'49	
minimum elong	-410 Sep 26 j 16:35	28°♍14'18	0°47'14	
	-410 Sep 27 j 18:18	0°♎		
max. Earth dist.	-410 Oct 02 j 13:03	7°♎44'47	1.43970 AU	
desc. node	-410 Oct 03 j 22:06	9°♎56'43		
evening rise	-410 Oct 12 j 09:01	23°♎11'03		
	-410 Oct 16 j 19:46	0°♏		
greatest brilliancy	-410 Nov 04 j 04:21	26°♏39'30	-0.5m	
	-410 Nov 06 j 19:48	0°♐		
evening max el	-410 Nov 09 j 23:13	3°♐32'13	20°44'17	
retrograde	-410 Nov 18 j 04:40	8°♐24'16		
asc. node	-410 Nov 20 j 22:52	7°♐41'00		
evening set	-410 Nov 22 j 01:04	6°♐59'20		
inferior conj	-410 Nov 27 j 11:48	0°♐47'36	2°06'41	
minimum elong	-410 Nov 27 j 09:19	0°♐56'07	2°05'47	
min. Earth dist.	-410 Nov 28 j 00:58	0°♐02'43	0.67217 AU	
	-410 Nov 28 j 01:46	30°℞♏		
morning rise	-410 Dec 02 j 17:05	24°♏31'50		
direct	-410 Dec 08 j 03:11	22°♏10'15		
morning max el	-410 Dec 19 j 04:46	28°♏46'27	24°13'26	
	-410 Dec 20 j 09:08	0°♐		
desc. node	-410 Dec 30 j 21:19	12°♐57'05		
	-409 Jan 11 j 14:14	0°♑		
morning set	-409 Jan 23 j 23:10	20°♑14'49		
max. Earth dist.	-409 Jan 27 j 18:10	26°♑56'22	1.38037 AU	
	-409 Jan 29 j 10:43	0°♒		
superior conj	-409 Feb 03 j 19:15	10°♒01'26	-1°-46'-27	
minimum elong	-409 Feb 03 j 22:51	10°♒18'37	1°46'09	
evening rise	-409 Feb 12 j 14:55	27°♒18'31		
	-409 Feb 13 j 23:48	0°♓		
asc. node	-409 Feb 16 j 22:11	5°♓38'44		
evening max el	-409 Mar 01 j 05:03	24°♓05'20	19°01'38	
retrograde	-409 Mar 09 j 18:26	28°♓12'36		
evening set	-409 Mar 12 j 00:30	27°♓56'40		
inferior conj	-409 Mar 20 j 02:22	23°♓42'14	2°18'19	
minimum elong	-409 Mar 20 j 06:45	23°♓34'33	2°17'05	
min. Earth dist.	-409 Mar 23 j 05:27	21°♓31'51	0.56935 AU	
morning rise	-409 Mar 28 j 08:51	18°♓41'15		
desc. node	-409 Mar 28 j 20:27	18°♓30'07		
direct	-409 Apr 02 j 13:22	17°♓37'31		
morning max el	-409 Apr 16 j 19:47	25°♓00'25	25°39'14	
	-409 Apr 21 j 10:37	0°♈		
	-409 May 10 j 05:17	0°♉		
morning set	-409 May 14 j 05:00	8°♉09'10		
asc. node	-409 May 15 j 21:29	11°♉44'09		

superior conj	-409 May 21 j 05:49	23°♉22'14	0°53'49	
minimum elong	-409 May 21 j 03:43	23°♉10'44	0°53'26	
max. Earth dist.	-409 May 22 j 02:07	25°♉13'11	1.32657 AU	
	-409 May 24 j 06:58	0°♊		
evening rise	-409 May 28 j 08:41	8°♊36'37		
	-409 Jun 08 j 16:04	0°♋		
desc. node	-409 Jun 24 j 19:45	23°♋07'33		
evening max el	-409 Jun 28 j 21:06	27°♋21'48	27°11'39	
	-409 Jul 01 j 21:33	0°♌		
retrograde	-409 Jul 12 j 18:25	4°♌39'27		
evening set	-409 Jul 19 j 20:35	2°♌20'15		
	-409 Jul 22 j 23:02	30°℞♋		
min. Earth dist.	-409 Jul 23 j 11:13	29°♋33'52	0.61725 AU	
inferior conj	-409 Jul 26 j 13:33	26°♋46'15	-4°-17'-27	
minimum elong	-409 Jul 26 j 17:38	26°♋37'01	4°16'47	
morning rise	-409 Aug 02 j 17:26	21°♋48'01		
direct	-409 Aug 05 j 03:57	21°♋22'44		
asc. node	-409 Aug 11 j 20:43	24°♋38'11		
morning max el	-409 Aug 12 j 01:58	24°♋50'51	17°57'09	
	-409 Aug 16 j 08:03	0°♌		
morning set	-409 Aug 28 j 00:43	19°♌54'01		
	-409 Sep 02 j 14:27	0°♍		
superior conj	-409 Sep 07 j 15:25	8°♍53'42	1°19'59	
minimum elong	-409 Sep 07 j 20:12	9°♍14'26	1°19'30	
max. Earth dist.	-409 Sep 15 j 01:16	21°♍25'14	1.42519 AU	
	-409 Sep 20 j 08:32	0°♎		
desc. node	-409 Sep 20 j 19:07	0°♎42'03		
evening rise	-409 Sep 21 j 19:56	2°♎20'09		
	-409 Oct 10 j 07:46	0°♏		
greatest brilliancy	-409 Oct 19 j 00:56	11°♏37'12	-0.4m	
evening max el	-409 Oct 23 j 19:10	17°♏01'03	21°57'35	
retrograde	-409 Nov 02 j 00:57	22°♏30'42		
evening set	-409 Nov 06 j 08:54	20°♏48'44		
asc. node	-409 Nov 07 j 19:55	19°♏27'59		
inferior conj	-409 Nov 11 j 18:19	14°♏29'27	1°19'27	
minimum elong	-409 Nov 11 j 16:34	14°♏35'28	1°18'45	
min. Earth dist.	-409 Nov 11 j 20:20	14°♏22'26	0.67588 AU	
morning rise	-409 Nov 17 j 00:01	8°♏14'35		
direct	-409 Nov 21 j 18:50	6°♏15'01		
morning max el	-409 Dec 01 j 14:45	12°♏05'05	22°45'40	
greatest brilliancy	-409 Dec 06 j 06:45	17°♏18'25	-0.3m	
	-409 Dec 15 j 20:36	0°♐		
desc. node	-409 Dec 17 j 18:22	2°♐43'07		
	-408 Jan 04 j 11:33	0°♑		
morning set	-408 Jan 04 j 17:11	0°♑23'10		
max. Earth dist.	-408 Jan 09 j 13:45	8°♑31'55	1.40164 AU	
superior conj	-408 Jan 17 j 08:35	22°♑16'02	-1°-59'00	
minimum elong	-408 Jan 17 j 10:29	22°♑24'40	1°58'57	
	-408 Jan 21 j 13:06	0°♒		
evening rise	-408 Jan 27 j 04:42	10°♒41'16		
asc. node	-408 Feb 03 j 19:13	24°♒40'27		
	-408 Feb 07 j 02:07	0°♓		
evening max el	-408 Feb 12 j 09:26	6°♓39'50	18°25'14	
retrograde	-408 Feb 19 j 19:07	10°♓18'42		
evening set	-408 Feb 22 j 05:55	9°♓55'54		
inferior conj	-408 Feb 29 j 14:05	5°♓20'48	3°19'07	
minimum elong	-408 Feb 29 j 17:37	5°♓13'34	3°18'30	
min. Earth dist.	-408 Mar 04 j 00:29	2°♓33'49	0.58850 AU	
	-408 Mar 07 j 19:59	30°℞♒		
morning rise	-408 Mar 08 j 01:35	29°♒52'26		
direct	-408 Mar 14 j 06:25	28°♒11'57		
desc. node	-408 Mar 14 j 17:29	28°♒12'31		
	-408 Mar 20 j 21:41	0°♓		
morning max el	-408 Mar 28 j 14:11	5°♓51'36	26°54'55	
	-408 Apr 15 j 11:18	0°♈		

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-408 Apr 27 j 15:08	23°♈01'39	
	-408 Apr 30 j 21:45	0°♉	
asc. node	-408 May 01 j 18:32	1°♉52'45	
superior conj	-408 May 04 j 17:34	8°♉21'33	0°30'52
minimum elong	-408 May 04 j 16:14	8°♉14'15	0°30'36
max. Earth dist.	-408 May 04 j 14:51	8°♉06'34	1.32367 AU
evening rise	-408 May 11 j 16:45	23°♉25'54	
	-408 May 14 j 21:34	0°♊	
	-408 Jun 01 j 20:25	0°♋	
evening max el	-408 Jun 09 j 22:20	9°♋15'09	26°25'02
desc. node	-408 Jun 10 j 16:45	9°♋58'07	
retrograde	-408 Jun 23 j 22:41	16°♋29'20	
evening set	-408 Jun 30 j 11:19	14°♋42'44	
min. Earth dist.	-408 Jul 04 j 11:26	12°♋05'29	0.59688 AU
inferior conj	-408 Jul 07 j 19:39	9°♋28'04	-4°-40'-31
minimum elong	-408 Jul 07 j 21:15	9°♋24'54	4°40'26
morning rise	-408 Jul 15 j 10:32	4°♋52'30	
direct	-408 Jul 17 j 21:34	4°♋30'47	
morning max el	-408 Jul 25 j 12:13	8°♋11'02	18°19'11
asc. node	-408 Jul 28 j 17:47	11°♋50'50	
	-408 Aug 08 j 14:35	0°♌	
morning set	-408 Aug 10 j 11:28	3°♌32'36	
superior conj	-408 Aug 19 j 19:36	21°♌06'02	1°39'05
minimum elong	-408 Aug 19 j 22:31	21°♌19'21	1°38'54
	-408 Aug 24 j 18:50	0°♍	
max. Earth dist.	-408 Aug 27 j 08:18	4°♍26'22	1.40667 AU
evening rise	-408 Sep 01 j 01:59	12°♍23'31	
desc. node	-408 Sep 06 j 16:08	21°♍22'31	
	-408 Sep 12 j 06:51	0°♎	
	-408 Oct 04 j 21:45	0°♏	
evening max el	-408 Oct 05 j 10:13	0°♏31'40	23°16'57
retrograde	-408 Oct 15 j 18:31	6°♏39'00	
evening set	-408 Oct 20 j 15:54	4°♏38'44	
asc. node	-408 Oct 24 j 16:59	0°♏05'55	
	-408 Oct 24 j 18:45	30°℞♎	
min. Earth dist.	-408 Oct 25 j 16:57	28°♎44'32	0.67632 AU
inferior conj	-408 Oct 26 j 01:24	28°♎15'33	0°27'53
minimum elong	-408 Oct 26 j 00:44	28°♎17'48	0°27'37
morning rise	-408 Oct 31 j 09:38	22°♎04'03	
direct	-408 Nov 04 j 13:57	20°♎27'06	
morning max el	-408 Nov 13 j 06:01	25°♎31'49	21°22'24
	-408 Nov 17 j 05:39	0°♏	
greatest brilliancy	-408 Nov 18 j 10:29	1°♏29'11	-0.4m
desc. node	-408 Dec 03 j 15:26	22°♏51'33	
	-408 Dec 08 j 08:42	0°♐	
morning set	-408 Dec 14 j 06:41	9°♐11'20	
max. Earth dist.	-408 Dec 21 j 15:37	21°♐03'13	1.42160 AU
	-408 Dec 27 j 00:01	0°♑	
superior conj	-408 Dec 29 j 00:27	3°♑27'17	-2°00'00
minimum elong	-408 Dec 28 j 22:35	3°♑19'17	2°00'00
evening rise	-407 Jan 09 j 05:35	23°♑24'05	
	-407 Jan 12 j 21:03	0°♒	
asc. node	-407 Jan 20 j 16:16	13°♒09'01	
evening max el	-407 Jan 25 j 19:16	19°♒37'47	18°08'46
retrograde	-407 Feb 01 j 13:02	23°♒04'15	
evening set	-407 Feb 04 j 04:00	22°♒33'18	
inferior conj	-407 Feb 10 j 21:33	17°♒36'20	3°47'16
minimum elong	-407 Feb 10 j 22:49	17°♒33'19	3°47'11
min. Earth dist.	-407 Feb 14 j 01:58	14°♒36'48	0.60945 AU
morning rise	-407 Feb 17 j 14:51	11°♒48'53	
direct	-407 Feb 24 j 10:30	9°♒32'51	
desc. node	-407 Mar 01 j 14:34	10°♒43'57	
morning max el	-407 Mar 10 j 15:01	17°♒21'28	27°38'30
	-407 Mar 21 j 03:28	0°♓	

	-407 Apr 08 j 01:41	0°♈	
morning set	-407 Apr 11 j 21:41	7°♈41'05	
max. Earth dist.	-407 Apr 18 j 03:01	20°♈55'19	1.32442 AU
asc. node	-407 Apr 18 j 15:34	22°♈03'50	
superior conj	-407 Apr 19 j 04:43	23°♈15'39	0°05'49
minimum elong	-407 Apr 19 j 04:27	23°♈14'12	0°05'45
behind sun begin	-407 Apr 18 j 23:43	22°♈48'16	
behind sun end	-407 Apr 19 j 09:12	23°♈40'08	
	-407 Apr 22 j 06:39	0°♉	
evening rise	-407 Apr 26 j 03:37	8°♉20'24	
	-407 May 07 j 10:46	0°♊	
evening max el	-407 May 22 j 16:36	20°♊23'03	25°09'59
desc. node	-407 May 28 j 13:47	25°♊00'23	
retrograde	-407 Jun 05 j 17:01	27°♊31'26	
evening set	-407 Jun 11 j 03:05	26°♊23'33	
min. Earth dist.	-407 Jun 16 j 04:16	23°♊37'22	0.57684 AU
inferior conj	-407 Jun 19 j 06:48	21°♊30'44	-4°-35'-51
minimum elong	-407 Jun 19 j 04:04	21°♊35'24	4°35'38
morning rise	-407 Jun 27 j 08:56	17°♊17'36	
direct	-407 Jun 29 j 21:54	16°♊58'24	
morning max el	-407 Jul 08 j 15:13	21°♊03'15	19°01'52
asc. node	-407 Jul 15 j 14:51	29°♊56'08	
	-407 Jul 15 j 15:50	0°♋	
morning set	-407 Jul 25 j 08:17	17°♋41'17	
	-407 Jul 31 j 14:02	0°♌	
superior conj	-407 Aug 02 j 18:49	4°♌15'43	1°46'55
minimum elong	-407 Aug 02 j 19:32	4°♌19'11	1°46'53
max. Earth dist.	-407 Aug 09 j 11:29	16°♌44'22	1.38651 AU
evening rise	-407 Aug 13 j 08:57	23°♌37'11	
	-407 Aug 17 j 03:09	0°♍	
desc. node	-407 Aug 24 j 13:10	11°♍53'38	
	-407 Sep 06 j 02:01	0°♎	
evening max el	-407 Sep 17 j 22:15	14°♎05'08	24°36'18
retrograde	-407 Sep 29 j 08:25	20°♎45'29	
evening set	-407 Oct 04 j 20:21	18°♎27'11	
min. Earth dist.	-407 Oct 09 j 12:23	13°♎07'07	0.67354 AU
inferior conj	-407 Oct 10 j 07:19	12°♎04'00	0°-26'-31
minimum elong	-407 Oct 10 j 07:58	12°♎01'50	0°26'15
asc. node	-407 Oct 11 j 14:03	10°♎22'49	
morning rise	-407 Oct 15 j 19:58	5°♎58'30	
direct	-407 Oct 19 j 11:26	4°♎42'11	
morning max el	-407 Oct 27 j 04:45	9°♎09'01	20°09'34
greatest brilliancy	-407 Nov 03 j 03:19	17°♎34'39	-0.6m
	-407 Nov 11 j 18:32	0°♏	
desc. node	-407 Nov 20 j 12:28	13°♏15'56	
morning set	-407 Nov 23 j 03:46	17°♏19'49	
	-407 Dec 01 j 06:10	0°♐	
max. Earth dist.	-407 Dec 04 j 00:58	4°♐25'56	1.43747 AU
superior conj	-407 Dec 09 j 14:05	13°♐24'55	-1°-45'-1
minimum elong	-407 Dec 09 j 07:32	12°♐58'03	1°44'34
	-407 Dec 19 j 11:20	0°♑	
evening rise	-407 Dec 22 j 13:19	5°♑18'27	
	-406 Jan 06 j 19:47	0°♒	
asc. node	-406 Jan 07 j 13:20	0°♒54'20	
evening max el	-406 Jan 09 j 07:37	2°♒51'23	18°11'45
retrograde	-406 Jan 15 j 19:36	6°♒18'53	
evening set	-406 Jan 18 j 14:42	5°♒38'52	
inferior conj	-406 Jan 24 j 21:02	0°♒21'17	3°50'28
minimum elong	-406 Jan 24 j 20:13	0°♒23'28	3°50'26
	-406 Jan 25 j 04:57	30°℞♑	
min. Earth dist.	-406 Jan 27 j 12:29	27°♑32'07	0.62926 AU
morning rise	-406 Jan 30 j 23:48	24°♑21'42	
direct	-406 Feb 06 j 23:42	21°♑40'38	
desc. node	-406 Feb 16 j 11:38	25°♑38'52	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning max el	-406 Feb 20 j 21:26	29°♉32'31	27°45'07
	-406 Feb 21 j 08:23	0°♒	
	-406 Mar 15 j 01:21	0°♓	
morning set	-406 Mar 26 j 22:30	22°♓00'16	
	-406 Mar 30 j 19:44	0°♈	
max. Earth dist.	-406 Apr 01 j 10:34	3°♈25'31	1.32904 AU
superior conj	-406 Apr 03 j 13:35	7°♈59'10	0°-20'-34
minimum elong	-406 Apr 03 j 14:34	8°♈04'26	0°20'23
asc. node	-406 Apr 05 j 12:38	12°♈13'41	
evening rise	-406 Apr 10 j 15:27	23°♈13'47	
	-406 Apr 13 j 22:06	0°♉	
	-406 May 03 j 06:23	0°♊	
evening max el	-406 May 04 j 07:09	1°♊01'34	23°37'51
desc. node	-406 May 15 j 10:49	7°♊37'50	
retrograde	-406 May 17 j 23:27	7°♊52'23	
evening set	-406 May 21 j 22:49	7°♊17'33	
min. Earth dist.	-406 May 28 j 17:48	4°♊07'26	0.56049 AU
inferior conj	-406 May 30 j 21:45	2°♊49'19	-3°-51'-4
minimum elong	-406 May 30 j 15:07	2°♊59'21	3°49'40
	-406 Jun 05 j 02:10	30°℞♉	
morning rise	-406 Jun 08 j 11:00	28°♉52'09	
direct	-406 Jun 11 j 02:43	28°♉34'29	
	-406 Jun 16 j 18:06	0°♊	
morning max el	-406 Jun 21 j 08:24	3°♊18'32	20°05'29
asc. node	-406 Jul 02 j 11:53	18°♊41'52	
	-406 Jul 08 j 09:58	0°♋	
morning set	-406 Jul 09 j 12:06	2°♋11'51	
superior conj	-406 Jul 17 j 07:47	18°♋07'28	1°45'42
minimum elong	-406 Jul 17 j 06:46	18°♋02'23	1°45'41
max. Earth dist.	-406 Jul 22 j 15:53	28°♋34'55	1.36734 AU
	-406 Jul 23 j 09:48	0°♌	
evening rise	-406 Jul 26 j 14:52	5°♌57'36	
	-406 Aug 09 j 23:51	0°♍	
desc. node	-406 Aug 11 j 10:11	2°♍10'09	
evening max el	-406 Aug 31 j 09:35	27°♍41'08	25°48'17
	-406 Sep 02 j 22:16	0°♎	
retrograde	-406 Sep 12 j 17:49	4°♎44'56	
evening set	-406 Sep 18 j 20:23	2°♎11'22	
	-406 Sep 21 j 01:25	30°℞♍	
min. Earth dist.	-406 Sep 23 j 04:17	27°♍27'28	0.66748 AU
inferior conj	-406 Sep 24 j 10:16	25°♍52'16	-1°-22'-17
minimum elong	-406 Sep 24 j 12:20	25°♍45'41	1°21'27
asc. node	-406 Sep 28 j 11:07	21°♍16'07	
morning rise	-406 Sep 30 j 05:04	19°♍55'36	
direct	-406 Oct 03 j 09:49	18°♍56'36	
morning max el	-406 Oct 10 j 10:48	22°♍54'53	19°10'40
	-406 Oct 16 j 05:53	0°♎	
morning set	-406 Nov 02 j 08:39	25°♎58'37	
	-406 Nov 04 j 22:25	0°♏	
desc. node	-406 Nov 07 j 09:30	3°♏51'03	
max. Earth dist.	-406 Nov 16 j 15:57	18°♏23'55	1.44736 AU
superior conj	-406 Nov 19 j 02:25	22°♏14'59	-1°-11'-47
minimum elong	-406 Nov 18 j 18:27	21°♏43'26	1°10'54
	-406 Nov 23 j 23:11	0°♐	
evening rise	-406 Dec 03 j 23:30	16°♐15'47	
	-406 Dec 12 j 08:21	0°♑	
evening max el	-406 Dec 23 j 19:42	16°♑13'30	18°33'21
asc. node	-406 Dec 25 j 10:24	17°♑43'04	
retrograde	-406 Dec 30 j 10:21	19°♑53'12	
evening set	-405 Jan 02 j 10:26	19°♑02'52	
inferior conj	-405 Jan 08 j 08:28	13°♑26'37	3°35'45
minimum elong	-405 Jan 08 j 06:17	13°♑33'04	3°35'26
min. Earth dist.	-405 Jan 10 j 08:41	11°♑04'25	0.64616 AU
morning rise	-405 Jan 14 j 00:50	7°♑19'25	
direct	-405 Jan 20 j 20:19	4°♑28'14	
desc. node	-405 Feb 03 j 08:40	12°♑20'01	
morning max el	-405 Feb 03 j 06:35	12°♑14'46	27°16'39
	-405 Feb 17 j 12:15	0°♒	
	-405 Mar 07 j 13:37	0°♓	
morning set	-405 Mar 10 j 14:40	5°♓49'13	
max. Earth dist.	-405 Mar 15 j 09:29	15°♓24'28	1.33784 AU
superior conj	-405 Mar 18 j 18:13	22°♓25'17	0°-47'-15
minimum elong	-405 Mar 18 j 20:28	22°♓37'10	0°46'50
	-405 Mar 22 j 07:49	0°♈	
asc. node	-405 Mar 23 j 09:41	2°♈17'42	
evening rise	-405 Mar 26 j 02:22	7°♈59'19	
	-405 Apr 06 j 20:50	0°♉	
evening max el	-405 Apr 16 j 00:47	11°♉39'56	22°03'27
retrograde	-405 Apr 28 j 17:40	17°♉53'03	
evening set	-405 May 01 j 11:43	17°♉36'16	
desc. node	-405 May 02 j 07:50	17°♉24'47	
inferior conj	-405 May 10 j 20:47	13°♉30'32	-2°-21'-47
minimum elong	-405 May 10 j 14:36	13°♉39'13	2°19'49
min. Earth dist.	-405 May 10 j 06:46	13°♉50'14	0.55124 AU
morning rise	-405 May 19 j 18:59	9°♉35'21	
direct	-405 May 22 j 16:56	9°♉16'19	
morning max el	-405 Jun 03 j 14:24	14°♉51'08	21°28'27
	-405 Jun 14 j 23:50	0°♊	
asc. node	-405 Jun 19 j 08:56	7°♊58'20	
morning set	-405 Jun 23 j 20:32	16°♊58'04	
	-405 Jun 30 j 01:46	0°♋	
superior conj	-405 Jul 01 j 06:23	2°♋29'16	1°37'28
minimum elong	-405 Jul 01 j 04:19	2°♋18'29	1°37'19
max. Earth dist.	-405 Jul 05 j 03:41	10°♋26'45	1.35106 AU
evening rise	-405 Jul 09 j 14:58	19°♋12'24	
	-405 Jul 15 j 12:10	0°♌	
desc. node	-405 Jul 29 j 07:11	22°♌05'22	
	-405 Aug 04 j 01:34	0°♍	
evening max el	-405 Aug 13 j 21:29	11°♍15'26	26°44'59
retrograde	-405 Aug 26 j 22:03	18°♍31'21	
evening set	-405 Sep 02 j 13:52	15°♍48'11	
min. Earth dist.	-405 Sep 06 j 14:14	11°♍41'55	0.65798 AU
inferior conj	-405 Sep 08 j 08:17	9°♍37'21	-2°-17'-35
minimum elong	-405 Sep 08 j 11:43	9°♍27'11	2°16'19
morning rise	-405 Sep 14 j 10:47	3°♍52'43	
asc. node	-405 Sep 15 j 08:09	3°♍28'51	
direct	-405 Sep 17 j 07:17	3°♍07'15	
morning max el	-405 Sep 23 j 22:32	6°♍46'06	18°27'41
	-405 Oct 09 j 23:04	0°♎	
morning set	-405 Oct 13 j 15:17	5°♎56'35	
desc. node	-405 Oct 25 j 06:32	24°♎33'31	
	-405 Oct 28 j 17:14	0°♏	
superior conj	-405 Oct 29 j 02:51	0°♏37'49	0°-24'-59
minimum elong	-405 Oct 28 j 23:33	0°♏24'49	0°24'34
max. Earth dist.	-405 Oct 30 j 10:21	2°♏41'48	1.45014 AU
evening rise	-405 Nov 14 j 09:49	26°♏14'21	
	-405 Nov 16 j 19:02	0°♐	
greatest brilliancy	-405 Nov 26 j 21:18	15°♐46'35	-0.7m
evening max el	-405 Dec 07 j 05:13	29°♐40'15	19°12'16
	-405 Dec 07 j 13:00	0°♑	
asc. node	-405 Dec 12 j 07:25	3°♑20'58	
retrograde	-405 Dec 14 j 05:49	3°♑41'41	
evening set	-405 Dec 17 j 12:22	2°♑39'20	
	-405 Dec 20 j 12:33	30°℞♐	
inferior conj	-405 Dec 23 j 04:29	26°♐46'51	3°08'13
minimum elong	-405 Dec 23 j 01:42	26°♐55'43	3°07'32
min. Earth dist.	-405 Dec 24 j 13:51	25°♐00'44	0.65932 AU
morning rise	-405 Dec 28 j 14:12	20°♐34'47	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

direct	-404 Jan 03 j 23:07	17°♐47'42		
morning max el	-404 Jan 16 j 16:02	25°♐16'49	26°19'30	
	-404 Jan 20 j 23:50	0°♑		
desc. node	-404 Jan 21 j 05:44	0°♑17'17		
	-404 Feb 10 j 23:56	0°♒		
morning set	-404 Feb 21 j 18:22	18°♒56'13		
max. Earth dist.	-404 Feb 25 j 21:03	26°♒49'08	1.35120 AU	
	-404 Feb 27 j 11:41	0°♓		
superior conj	-404 Mar 01 j 16:18	6°♓26'58	-1°-12'-54	
minimum elong	-404 Mar 01 j 19:37	6°♓43'57	1°12'22	
evening rise	-404 Mar 09 j 10:28	22°♓30'49		
asc. node	-404 Mar 09 j 06:43	22°♓11'30		
	-404 Mar 13 j 03:40	0°♈		
evening max el	-404 Mar 28 j 03:28	22°♈43'58	20°38'59	
retrograde	-404 Apr 08 j 06:32	28°♈05'23		
evening set	-404 Apr 10 j 11:10	27°♈53'46		
desc. node	-404 Apr 18 j 04:52	24°♈45'33		
inferior conj	-404 Apr 19 j 15:19	23°♈56'27	0°-24'-38	
minimum elong	-404 Apr 19 j 14:09	23°♈58'07	0°24'13	
min. Earth dist.	-404 Apr 20 j 20:04	23°♈15'06	0.55128 AU	
morning rise	-404 Apr 28 j 15:39	19°♈45'06		
direct	-404 May 02 j 04:16	19°♈18'13		
morning max el	-404 May 15 j 10:34	25°♈44'09	23°05'27	
	-404 May 19 j 10:42	0°♉		
asc. node	-404 Jun 05 j 05:58	27°♉37'08		
	-404 Jun 06 j 09:47	0°♊		
morning set	-404 Jun 07 j 07:36	1°♊53'35		
superior conj	-404 Jun 14 j 11:29	17°♊10'59	1°23'45	
minimum elong	-404 Jun 14 j 08:59	16°♊57'39	1°23'27	
max. Earth dist.	-404 Jun 17 j 01:19	22°♊38'29	1.33853 AU	
	-404 Jun 20 j 15:00	0°♋		
evening rise	-404 Jun 22 j 04:27	3°♋07'21		
	-404 Jul 07 j 07:50	0°♌		
desc. node	-404 Jul 15 j 04:11	11°♌29'31		
evening max el	-404 Jul 26 j 09:11	24°♌36'48	27°18'49	
	-404 Aug 02 j 08:31	0°♍		
retrograde	-404 Aug 08 j 20:28	1°♍56'15		
	-404 Aug 14 j 19:27	30°℞♌		
evening set	-404 Aug 15 j 22:04	29°♌12'20		
min. Earth dist.	-404 Aug 19 j 15:53	25°♌42'47	0.64487 AU	
inferior conj	-404 Aug 21 j 23:01	23°♌13'38	-3°-10'-1	
minimum elong	-404 Aug 22 j 03:28	23°♌01'36	3°08'40	
morning rise	-404 Aug 28 j 10:37	17°♌44'31		
direct	-404 Aug 31 j 01:20	17°♌09'07		
asc. node	-404 Sep 01 j 05:10	17°♌16'09		
morning max el	-404 Sep 06 j 13:32	20°♌36'57	18°01'40	
	-404 Sep 13 j 15:48	0°♍		
morning set	-404 Sep 24 j 02:00	17°♍16'13		
	-404 Oct 01 j 16:32	0°♎		
superior conj	-404 Oct 07 j 13:15	9°♎33'51	0°23'33	
minimum elong	-404 Oct 07 j 15:57	9°♎44'47	0°23'11	
desc. node	-404 Oct 11 j 03:33	15°♎19'24		
max. Earth dist.	-404 Oct 12 j 04:57	17°♎00'17	1.44551 AU	
	-404 Oct 20 j 11:51	0°♏		
evening rise	-404 Oct 23 j 23:47	5°♏24'44		
	-404 Nov 09 j 06:16	0°♐		
greatest brilliancy	-404 Nov 12 j 13:53	4°♐41'43	-0.6m	
evening max el	-404 Nov 19 j 10:09	13°♐08'19	20°06'50	
retrograde	-404 Nov 27 j 03:18	17°♐39'52		
asc. node	-404 Nov 28 j 04:26	17°♐33'36		
evening set	-404 Nov 30 j 18:08	16°♐23'35		
inferior conj	-404 Dec 06 j 06:20	10°♐17'47	2°31'16	
minimum elong	-404 Dec 06 j 03:35	10°♐26'59	2°30'23	
min. Earth dist.	-404 Dec 07 j 02:19	9°♐10'51	0.66854 AU	
morning rise	-404 Dec 11 j 12:28	4°♐02'56		
direct	-404 Dec 17 j 07:19	1°♐30'22		
morning max el	-404 Dec 29 j 00:43	8°♐28'57	25°02'44	
desc. node	-403 Jan 07 j 02:47	19°♐08'28		
	-403 Jan 14 j 23:01	0°♑		
	-403 Feb 02 j 13:30	0°♒		
morning set	-403 Feb 03 j 04:33	1°♒06'58		
max. Earth dist.	-403 Feb 06 j 21:55	7°♒53'43	1.36881 AU	
superior conj	-403 Feb 13 j 04:55	19°♒55'54	-1°-35'-38	
minimum elong	-403 Feb 13 j 08:43	20°♒14'35	1°35'12	
	-403 Feb 18 j 05:55	0°♓		
evening rise	-403 Feb 21 j 13:40	6°♓42'00		
asc. node	-403 Feb 24 j 03:45	11°♓50'19		
	-403 Mar 06 j 20:34	0°♈		
evening max el	-403 Mar 10 j 17:19	4°♈25'30	19°31'30	
retrograde	-403 Mar 20 j 03:31	8°♈56'50		
evening set	-403 Mar 22 j 07:22	8°♈43'38		
inferior conj	-403 Mar 30 j 19:51	4°♈38'06	1°27'00	
minimum elong	-403 Mar 30 j 23:15	4°♈32'37	1°25'53	
min. Earth dist.	-403 Apr 02 j 10:32	2°♈57'49	0.56056 AU	
desc. node	-403 Apr 05 j 01:55	1°♈25'30		
morning rise	-403 Apr 08 j 11:31	29°♓56'11		
	-403 Apr 08 j 07:01	30°℞♓		
direct	-403 Apr 13 j 00:01	29°♓10'07		
	-403 Apr 17 j 16:11	0°♈		
morning max el	-403 Apr 27 j 01:41	6°♈16'15	24°45'49	
	-403 May 14 j 04:40	0°♉		
morning set	-403 May 22 j 19:37	16°♉53'04		
asc. node	-403 May 23 j 03:01	17°♉32'04		
	-403 May 28 j 21:41	0°♊		
superior conj	-403 May 29 j 20:43	2°♊05'15	1°05'45	
minimum elong	-403 May 29 j 18:20	1°♊52'20	1°05'22	
max. Earth dist.	-403 May 31 j 07:21	5°♊12'57	1.32988 AU	
evening rise	-403 Jun 06 j 03:28	17°♊31'06		
	-403 Jun 12 j 13:18	0°♋		
	-403 Jul 01 j 22:04	0°♌		
desc. node	-403 Jul 02 j 01:11	0°♌09'37		
evening max el	-403 Jul 08 j 18:34	7°♌32'14	27°23'30	
retrograde	-403 Jul 22 j 12:43	14°♌51'08		
evening set	-403 Jul 29 j 17:35	12°♌18'35		
min. Earth dist.	-403 Aug 02 j 07:33	9°♌20'01	0.62823 AU	
inferior conj	-403 Aug 05 j 03:43	6°♌34'59	-3°-56'-1	
minimum elong	-403 Aug 05 j 08:20	6°♌23'47	3°55'00	
morning rise	-403 Aug 12 j 01:29	1°♌24'54		
direct	-403 Aug 14 j 12:53	0°♌56'35		
asc. node	-403 Aug 19 j 02:14	2°♌34'07		
morning max el	-403 Aug 21 j 05:02	4°♌21'47	17°53'27	
morning set	-403 Sep 06 j 11:47	29°♌41'42		
	-403 Sep 06 j 15:55	0°♍		
superior conj	-403 Sep 18 j 00:45	19°♍45'05	1°03'07	
minimum elong	-403 Sep 18 j 05:49	20°♍06'24	1°02'30	
	-403 Sep 24 j 05:32	0°♎		
max. Earth dist.	-403 Sep 24 j 20:10	0°♎59'19	1.43414 AU	
desc. node	-403 Sep 28 j 00:33	6°♎05'39		
evening rise	-403 Oct 03 j 06:24	14°♎19'58		
	-403 Oct 13 j 13:52	0°♏		
greatest brilliancy	-403 Oct 28 j 03:58	20°♏31'50	-0.4m	
evening max el	-403 Nov 02 j 09:18	26°♏36'08	21°14'22	
	-403 Nov 06 j 07:19	0°♐		
retrograde	-403 Nov 11 j 00:37	1°♐44'04		
evening set	-403 Nov 15 j 01:45	0°♐11'54		
asc. node	-403 Nov 15 j 01:29	0°♐12'25		
	-403 Nov 15 j 07:46	30°℞♏		
inferior conj	-403 Nov 20 j 11:42	23°♏56'16	1°47'16	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-403 Nov 20 j 09:29	24°♏03'54	1°46'26
min. Earth dist.	-403 Nov 20 j 19:55	23°♏28'00	0.67411 AU
morning rise	-403 Nov 25 j 16:54	17°♏40'39	
direct	-403 Nov 30 j 20:20	15°♏28'28	
morning max el	-403 Dec 11 j 09:33	21°♏45'36	23°36'10
	-403 Dec 18 j 12:58	0°♐	
desc. node	-403 Dec 24 j 23:50	8°♐37'36	
	-402 Jan 08 j 06:30	0°♑	
morning set	-402 Jan 15 j 14:57	12°♑04'13	
max. Earth dist.	-402 Jan 19 j 17:15	19°♑08'20	1.38937 AU
	-402 Jan 25 j 17:36	0°♒	
superior conj	-402 Jan 27 j 04:07	2°♒40'53	-1°-52'-53
minimum elong	-402 Jan 27 j 07:14	2°♒55'28	1°52'43
evening rise	-402 Feb 05 j 09:16	20°♒24'45	
	-402 Feb 10 j 10:02	0°♓	
asc. node	-402 Feb 11 j 00:48	1°♓07'40	
evening max el	-402 Feb 21 j 17:06	16°♓42'29	18°43'37
retrograde	-402 Mar 01 j 17:30	20°♓36'07	
evening set	-402 Mar 04 j 01:25	20°♓17'37	
inferior conj	-402 Mar 11 j 19:29	15°♓54'37	2°48'27
minimum elong	-402 Mar 11 j 23:48	15°♓46'30	2°47'25
min. Earth dist.	-402 Mar 15 j 03:33	13°♓25'57	0.57704 AU
morning rise	-402 Mar 19 j 18:04	10°♓40'36	
desc. node	-402 Mar 22 j 22:58	9°♓36'54	
direct	-402 Mar 25 j 09:29	9°♓22'05	
morning max el	-402 Apr 08 j 17:44	16°♓53'49	26°14'42
	-402 Apr 19 j 11:49	0°♈	
	-402 May 06 j 09:54	0°♉	
morning set	-402 May 07 j 06:56	1°♉49'45	
asc. node	-402 May 10 j 00:05	7°♉36'55	
superior conj	-402 May 14 j 08:04	17°♉04'26	0°44'24
minimum elong	-402 May 14 j 06:15	16°♉54'29	0°44'02
max. Earth dist.	-402 May 14 j 18:33	18°♉01'56	1.32490 AU
	-402 May 20 j 07:31	0°♊	
evening rise	-402 May 21 j 08:56	2°♊13'08	
	-402 Jun 05 j 11:50	0°♋	
desc. node	-402 Jun 18 j 22:13	17°♋47'04	
evening max el	-402 Jun 20 j 23:11	19°♋49'39	26°55'35
retrograde	-402 Jul 04 j 22:06	27°♋06'38	
evening set	-402 Jul 11 j 20:08	24°♋59'37	
min. Earth dist.	-402 Jul 15 j 13:02	22°♋19'31	0.60870 AU
inferior conj	-402 Jul 18 j 19:04	19°♋33'27	-4°-29'-54
minimum elong	-402 Jul 18 j 22:21	19°♋26'25	4°29'30
morning rise	-402 Jul 26 j 03:38	14°♋45'04	
direct	-402 Jul 28 j 14:04	14°♋21'35	
morning max el	-402 Aug 04 j 18:07	17°♋53'27	18°04'08
asc. node	-402 Aug 05 j 23:18	19°♋09'12	
	-402 Aug 13 j 10:55	0°♌	
morning set	-402 Aug 20 j 14:52	12°♌57'06	
	-402 Aug 29 j 22:07	0°♍	
superior conj	-402 Aug 30 j 15:22	1°♍16'43	1°29'37
minimum elong	-402 Aug 30 j 19:29	1°♍34'58	1°29'15
max. Earth dist.	-402 Sep 07 j 05:48	14°♍22'33	1.41757 AU
evening rise	-402 Sep 12 j 23:57	23°♍47'42	
desc. node	-402 Sep 14 j 21:34	26°♍49'13	
	-402 Sep 16 j 22:10	0°♎	
	-402 Oct 07 j 14:37	0°♏	
greatest brilliancy	-402 Oct 11 j 07:56	4°♏42'31	-0.3m
evening max el	-402 Oct 16 j 02:51	10°♏04'57	22°31'00
retrograde	-402 Oct 25 j 20:04	15°♏51'40	
evening set	-402 Oct 30 j 09:26	14°♏02'02	
asc. node	-402 Nov 01 j 22:32	11°♏25'56	
inferior conj	-402 Nov 04 j 18:41	7°♏40'22	0°58'03
minimum elong	-402 Nov 04 j 17:22	7°♏44'55	0°57'30
min. Earth dist.	-402 Nov 04 j 16:12	7°♏48'57	0.67634 AU
morning rise	-402 Nov 10 j 01:11	1°♏26'26	
	-402 Nov 12 j 10:53	30°℞♎	
direct	-402 Nov 14 j 13:35	29°♎36'40	
	-402 Nov 16 j 18:57	0°♏	
morning max el	-402 Nov 23 j 21:29	5°♏07'38	22°09'22
greatest brilliancy	-402 Nov 28 j 14:02	10°♏24'37	-0.4m
desc. node	-402 Dec 11 j 20:53	28°♏34'03	
	-402 Dec 12 j 20:16	0°♐	
morning set	-402 Dec 26 j 20:32	21°♐37'14	
	-402 Dec 31 j 23:04	0°♑	
max. Earth dist.	-401 Jan 01 j 14:37	1°♑05'07	1.41039 AU
superior conj	-401 Jan 09 j 09:02	14°♑30'17	-2°-1'-6
minimum elong	-401 Jan 09 j 09:35	14°♑32'46	2°01'08
	-401 Jan 17 j 20:41	0°♒	
evening rise	-401 Jan 19 j 18:06	3°♒31'46	
asc. node	-401 Jan 28 j 21:52	19°♒56'39	
evening max el	-401 Feb 05 j 00:14	29°♒28'26	18°15'48
	-401 Feb 05 j 13:38	0°♓	
retrograde	-401 Feb 12 j 01:54	3°♓00'10	
evening set	-401 Feb 14 j 14:26	2°♓34'09	
	-401 Feb 19 j 01:29	30°℞♒	
inferior conj	-401 Feb 21 j 16:01	27°♒50'03	3°34'33
minimum elong	-401 Feb 21 j 18:38	27°♒44'19	3°34'12
min. Earth dist.	-401 Feb 25 j 01:16	24°♒54'20	0.59741 AU
morning rise	-401 Feb 28 j 19:26	22°♒12'20	
direct	-401 Mar 07 j 07:56	20°♒15'36	
desc. node	-401 Mar 09 j 20:03	20°♒32'11	
morning max el	-401 Mar 21 j 14:51	28°♒00'36	27°17'38
	-401 Mar 23 j 13:23	0°♓	
	-401 Apr 13 j 03:03	0°♈	
morning set	-401 Apr 21 j 15:47	16°♈37'29	
asc. node	-401 Apr 26 j 21:09	27°♈47'08	
	-401 Apr 27 j 21:28	0°♉	
superior conj	-401 Apr 28 j 19:48	2°♉02'26	0°20'28
minimum elong	-401 Apr 28 j 18:54	1°♉57'27	0°20'15
max. Earth dist.	-401 Apr 28 j 07:19	0°♉53'59	1.32356 AU
evening rise	-401 May 05 j 18:27	17°♉05'23	
	-401 May 12 j 04:53	0°♊	
	-401 Jun 01 j 11:55	0°♋	
evening max el	-401 Jun 02 j 21:19	1°♋22'46	25°55'59
desc. node	-401 Jun 05 j 19:15	3°♋55'44	
retrograde	-401 Jun 16 j 22:44	8°♋35'42	
evening set	-401 Jun 23 j 01:17	7°♋05'36	
min. Earth dist.	-401 Jun 27 j 09:58	4°♋26'21	0.58809 AU
inferior conj	-401 Jun 30 j 17:26	1°♋59'31	-4°-42'-43
minimum elong	-401 Jun 30 j 17:21	1°♋59'39	4°42'43
	-401 Jul 03 j 12:39	30°℞♊	
morning rise	-401 Jul 08 j 13:06	27°♊33'45	
direct	-401 Jul 11 j 00:37	27°♊13'21	
	-401 Jul 17 j 21:04	0°♋	
morning max el	-401 Jul 19 j 01:39	1°♋02'51	18°34'46
asc. node	-401 Jul 23 j 20:23	6°♋45'48	
morning set	-401 Aug 04 j 06:19	26°♋49'15	
	-401 Aug 05 j 21:43	0°♌	
superior conj	-401 Aug 13 j 04:18	13°♌54'59	1°43'39
minimum elong	-401 Aug 13 j 06:16	14°♌04'08	1°43'33
max. Earth dist.	-401 Aug 20 j 10:17	27°♌02'25	1.39808 AU
	-401 Aug 22 j 03:13	0°♍	
evening rise	-401 Aug 24 j 16:28	4°♍20'22	
desc. node	-401 Sep 01 j 18:35	17°♍26'02	
	-401 Sep 10 j 03:00	0°♎	
evening max el	-401 Sep 28 j 16:19	23°♎36'26	23°51'18
retrograde	-401 Oct 09 j 12:10	29°♎59'02	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-401 Oct 14 j 15:31	27°♎51'12		
min. Earth dist.	-401 Oct 19 j 12:41	22°♎11'02	0.67545 AU	
asc. node	-401 Oct 19 j 19:36	21°♎47'31		
inferior conj	-401 Oct 20 j 01:28	21°♎27'33	0°05'04	
minimum elong	-401 Oct 20 j 01:21	21°♎27'58	0°05'01	
transit middle	-401 Oct 20 j 01:21	21°♎27'58	0°05'01	
transit begin	-401 Oct 19 j 22:45	21°♎36'46		
transit end	-401 Oct 20 j 03:56	21°♎19'11		
morning rise	-401 Oct 25 j 11:19	15°♎17'59		
direct	-401 Oct 29 j 09:58	13°♎50'00		
morning max el	-401 Nov 06 j 15:36	18°♎37'46	20°49'52	
greatest brilliancy	-401 Nov 12 j 11:08	25°♎26'56	-0.5m	
	-401 Nov 15 j 20:33	0°♏		
desc. node	-401 Nov 28 j 17:54	18°♏49'34		
morning set	-401 Dec 06 j 00:24	29°♏59'48		
	-401 Dec 06 j 00:27	0°♐		
max. Earth dist.	-401 Dec 14 j 19:09	13°♐57'13	1.42896 AU	
superior conj	-401 Dec 21 j 14:07	25°♐10'44	-1°-55'-52	
minimum elong	-401 Dec 21 j 10:12	24°♐54'15	1°55'42	
	-401 Dec 24 j 10:13	0°♑		
evening rise	-400 Jan 02 j 12:08	15°♑54'11		
	-400 Jan 10 j 13:07	0°♒		
asc. node	-400 Jan 15 j 18:55	8°♒08'07		
evening max el	-400 Jan 19 j 11:32	12°♒34'08	18°07'47	
retrograde	-400 Jan 26 j 01:34	15°♒59'09		
evening set	-400 Jan 28 j 18:20	15°♒24'23		
inferior conj	-400 Feb 04 j 06:44	10°♒18'40	3°51'11	
minimum elong	-400 Feb 04 j 07:03	10°♒17'52	3°51'10	
min. Earth dist.	-400 Feb 07 j 06:17	7°♒21'01	0.61819 AU	
morning rise	-400 Feb 10 j 17:24	4°♒25'40		
direct	-400 Feb 17 j 16:18	1°♒57'04		
desc. node	-400 Feb 24 j 17:06	4°♒08'48		
morning max el	-400 Mar 02 j 18:01	9°♒47'31	27°45'47	
	-400 Mar 18 j 10:59	0°♓		
	-400 Apr 04 j 06:32	0°♈		
morning set	-400 Apr 04 j 20:14	1°♈09'35		
max. Earth dist.	-400 Apr 10 j 17:57	13°♈36'33	1.32591 AU	
superior conj	-400 Apr 12 j 06:15	16°♈53'25	0°-5'-17	
minimum elong	-400 Apr 12 j 06:29	16°♈54'45	0°05'14	
behind sun begin	-400 Apr 12 j 01:38	16°♈28'20		
behind sun end	-400 Apr 12 j 11:21	17°♈21'11		
asc. node	-400 Apr 12 j 18:13	17°♈58'37		
	-400 Apr 18 j 07:14	0°♉		
evening rise	-400 Apr 19 j 05:59	2°♉00'54		
	-400 May 04 j 13:49	0°♊		
evening max el	-400 May 14 j 13:42	12°♊17'03	24°32'04	
desc. node	-400 May 22 j 16:18	18°♊01'50		
retrograde	-400 May 28 j 12:03	19°♊19'15		
evening set	-400 Jun 02 j 07:38	18°♊27'09		
min. Earth dist.	-400 Jun 08 j 01:11	15°♊32'15	0.56926 AU	
inferior conj	-400 Jun 10 j 20:03	13°♊44'51	-4°-22'-23	
minimum elong	-400 Jun 10 j 15:23	13°♊52'25	4°21'46	
morning rise	-400 Jun 19 j 02:56	9°♊39'19		
direct	-400 Jun 21 j 17:00	9°♊20'50		
morning max el	-400 Jul 01 j 00:44	13°♊40'52	19°26'18	
asc. node	-400 Jul 09 j 17:26	25°♊10'18		
	-400 Jul 12 j 11:42	0°♋		
morning set	-400 Jul 18 j 06:31	11°♋09'02		
superior conj	-400 Jul 26 j 09:59	27°♋24'39	1°47'21	
minimum elong	-400 Jul 26 j 09:53	27°♋24'13	1°47'22	
	-400 Jul 27 j 17:52	0°♌		
max. Earth dist.	-400 Aug 01 j 13:35	9°♌07'40	1.37817 AU	
evening rise	-400 Aug 05 j 09:49	16°♌04'36		
	-400 Aug 13 j 15:26	0°♍		
desc. node	-400 Aug 18 j 15:36	7°♍52'02		
	-400 Sep 03 j 15:52	0°♎		
evening max el	-400 Sep 10 j 04:03	7°♎12'09	25°08'20	
retrograde	-400 Sep 22 j 00:03	14°♎03'00		
evening set	-400 Sep 27 j 18:17	11°♎37'56		
min. Earth dist.	-400 Oct 02 j 06:53	6°♎32'59	0.67143 AU	
inferior conj	-400 Oct 03 j 06:20	5°♎16'13	0°-50'-6	
minimum elong	-400 Oct 03 j 07:35	5°♎12'08	0°49'35	
asc. node	-400 Oct 05 j 16:39	2°♎13'11		
	-400 Oct 07 j 21:08	30°♑℞		
morning rise	-400 Oct 08 j 21:23	29°♍14'04		
direct	-400 Oct 12 j 08:08	28°♍05'21		
	-400 Oct 17 j 02:59	0°♎		
morning max el	-400 Oct 19 j 17:27	2°♎18'27	19°42'37	
greatest brilliancy	-400 Oct 27 j 19:59	12°♎28'21	-0.6m	
	-400 Nov 08 j 13:55	0°♏		
morning set	-400 Nov 13 j 21:38	8°♏11'59		
desc. node	-400 Nov 14 j 14:54	9°♏18'50		
max. Earth dist.	-400 Nov 26 j 07:31	27°♏38'05	1.44255 AU	
	-400 Nov 27 j 19:10	0°♐		
superior conj	-400 Nov 30 j 16:11	4°♐36'41	-1°-33'-5	
minimum elong	-400 Nov 30 j 08:18	4°♐04'59	1°32'22	
evening rise	-400 Dec 14 j 11:03	27°♐24'27		
	-400 Dec 15 j 23:49	0°♑		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-400 Apr 12 j 06:15	16°♈53'25	0°-5'-17
minimum elong	-400 Apr 12 j 06:29	16°♈54'45	0°05'14
behind sun begin	-400 Apr 12 j 01:38	16°♈28'20	
behind sun end	-400 Apr 12 j 11:21	17°♈21'11	
asc. node	-400 Apr 12 j 18:13	17°♈58'37	
	-400 Apr 18 j 07:14	0°♉	
evening rise	-400 Apr 19 j 05:59	2°♉00'54	
	-400 May 04 j 13:49	0°♊	
evening max el	-400 May 14 j 13:42	12°♊17'03	24°32'04
desc. node	-400 May 22 j 16:18	18°♊01'50	
retrograde	-400 May 28 j 12:03	19°♊19'15	
evening set	-400 Jun 02 j 07:38	18°♊27'09	
min. Earth dist.	-400 Jun 08 j 01:11	15°♊32'15	0.56926 AU
inferior conj	-400 Jun 10 j 20:03	13°♊44'51	-4°-22'-23
minimum elong	-400 Jun 10 j 15:23	13°♊52'25	4°21'46
morning rise	-400 Jun 19 j 02:56	9°♊39'19	
direct	-400 Jun 21 j 17:00	9°♊20'50	
morning max el	-400 Jul 01 j 00:44	13°♊40'52	19°26'18
asc. node	-400 Jul 09 j 17:26	25°♊10'18	
	-400 Jul 12 j 11:42	0°♋	
morning set	-400 Jul 18 j 06:31	11°♋09'02	
superior conj	-400 Jul 26 j 09:59	27°♋24'39	1°47'21
minimum elong	-400 Jul 26 j 09:53	27°♋24'13	1°47'22
	-400 Jul 27 j 17:52	0°♌	
max. Earth dist.	-400 Aug 01 j 13:35	9°♌07'40	1.37817 AU
evening rise	-400 Aug 05 j 09:49	16°♌04'36	
	-400 Aug 13 j 15:26	0°♍	
desc. node	-400 Aug 18 j 15:36	7°♍52'02	
	-400 Sep 03 j 15:52	0°♎	
evening max el	-400 Sep 10 j 04:03	7°♎12'09	25°08'20
retrograde	-400 Sep 22 j 00:03	14°♎03'00	
evening set	-400 Sep 27 j 18:17	11°♎37'56	
min. Earth dist.	-400 Oct 02 j 06:53	6°♎32'59	0.67143 AU
inferior conj	-400 Oct 03 j 06:20	5°♎16'13	0°-50'-6
minimum elong	-400 Oct 03 j 07:35	5°♎12'08	0°49'35
asc. node	-400 Oct 05 j 16:39	2°♎13'11	
	-400 Oct 07 j 21:08	30°℞♍	
morning rise	-400 Oct 08 j 21:23	29°♍14'04	
direct	-400 Oct 12 j 08:08	28°♍05'21	
	-400 Oct 17 j 02:59	0°♎	
morning max el	-400 Oct 19 j 17:27	2°♎18'27	19°42'37
greatest brilliancy	-400 Oct 27 j 19:59	12°♎28'21	-0.6m
	-400 Nov 08 j 13:55	0°♏	
morning set	-400 Nov 13 j 21:38	8°♏11'59	
desc. node	-400 Nov 14 j 14:54	9°♏18'50	
max. Earth dist.	-400 Nov 26 j 07:31	27°♏38'05	1.44255 AU
	-400 Nov 27 j 19:10	0°♐	
superior conj	-400 Nov 30 j 16:11	4°♐36'41	-1°-33'-5
minimum elong	-400 Nov 30 j 08:18	4°♐04'59	1°32'22
evening rise	-400 Dec 14 j 11:03	27°♐24'27	
	-400 Dec 15 j 23:49	0°♑	
asc. node	-399 Jan 01 j 15:57	25°♑30'48	
evening max el	-399 Jan 02 j 00:04	25°♑51'48	18°18'46
retrograde	-399 Jan 08 j 12:04	29°♑23'00	
evening set	-399 Jan 11 j 09:16	28°♑38'34	
inferior conj	-399 Jan 17 j 11:42	23°♑12'35	3°46'05
minimum elong	-399 Jan 17 j 10:12	23°♑16'46	3°45'56
min. Earth dist.	-399 Jan 19 j 20:39	20°♑33'39	0.63687 AU
morning rise	-399 Jan 23 j 09:34	17°♑09'34	
direct	-399 Jan 30 j 08:33	14°♑22'38	
desc. node	-399 Feb 10 j 14:08	19°♑52'51	
morning max el	-399 Feb 13 j 01:49	22°♑12'35	27°37'08
	-399 Feb 19 j 22:51	0°♒	
	-399 Mar 11 j 14:53	0°♓	
morning set	-399 Mar 19 j 17:44	15°♓17'04	
max. Earth dist.	-399 Mar 24 j 22:29	25°♓55'43	1.33226 AU
	-399 Mar 26 j 20:37	0°♈	
superior conj	-399 Mar 27 j 13:32	1°♈30'23	0°-31'-55
minimum elong	-399 Mar 27 j 15:04	1°♈38'33	0°31'36
asc. node	-399 Mar 30 j 15:15	8°♈06'35	
evening rise	-399 Apr 03 j 17:39	16°♈52'07	
	-399 Apr 10 j 07:07	0°♉	
evening max el	-399 Apr 26 j 04:42	22°♉52'01	22°57'08
retrograde	-399 May 09 j 12:39	29°♉28'55	
desc. node	-399 May 09 j 13:21	29°♉28'55	
evening set	-399 May 12 j 22:22	29°♉03'31	
min. Earth dist.	-399 May 20 j 13:52	25°♉40'04	0.55559 AU
inferior conj	-399 May 22 j 03:18	24°♉45'59	-3°-18'-16
minimum elong	-399 May 21 j 20:09	24°♉56'20	3°16'23
morning rise	-399 May 30 j 20:52	20°♉52'04	
direct	-399 Jun 02 j 14:50	20°♉34'12	
morning max el	-399 Jun 13 j 13:08	25°♉38'15	20°38'34
	-399 Jun 17 j 13:20	0°♊	
asc. node	-399 Jun 26 j 14:29	14°♊10'22	
morning set	-399 Jul 02 j 12:34	25°♊47'28	
	-399 Jul 04 j 13:37	0°♋	
superior conj	-399 Jul 10 j 03:30	11°♋30'47	1°42'58
minimum elong	-399 Jul 10 j 01:58	11°♋22'55	1°42'53
max. Earth dist.	-399 Jul 14 j 20:57	20°♋57'24	1.36005 AU
evening rise	-399 Jul 19 j 00:06	28°♋49'48	
	-399 Jul 19 j 15:15	0°♌	
desc. node	-399 Aug 05 j 12:38	28°♌00'44	
	-399 Aug 06 j 21:12	0°♍	
evening max el	-399 Aug 23 j 15:35	20°♍48'18	26°14'37
retrograde	-399 Sep 05 j 07:07	27°♍57'58	
evening set	-399 Sep 11 j 15:48	25°♍19'15	
min. Earth dist.	-399 Sep 15 j 20:24	20°♍51'34	0.66396 AU
inferior conj	-399 Sep 17 j 07:25	19°♍03'25	-1°-45'-55
minimum elong	-399 Sep 17 j 10:05	18°♍55'10	1°44'53
asc. node	-399 Sep 22 j 13:40	13°♍36'33	
morning rise	-399 Sep 23 j 05:20	13°♍11'42	
direct	-399 Sep 26 j 06:20	12°♍18'54	
morning max el	-399 Oct 03 j 02:15	16°♍07'26	18°50'23
	-399 Oct 13 j 10:37	0°♎	
morning set	-399 Oct 24 j 12:18	17°♎21'55	
desc. node	-399 Nov 01 j 11:56	29°♎57'40	
	-399 Nov 01 j 12:32	0°♏	
max. Earth dist.	-399 Nov 09 j 00:49	11°♏48'38	1.44944 AU
superior conj	-399 Nov 09 j 20:55	13°♏07'46	0°-52'-57
minimum elong	-399 Nov 09 j 14:19	12°♏41'45	0°52'10
	-399 Nov 20 j 12:23	0°♐	
evening rise	-399 Nov 25 j 11:11	7°♐57'00	
	-399 Dec 09 j 08:23	0°♑	
evening max el	-399 Dec 16 j 11:16	9°♑16'05	18°47'52
asc. node	-399 Dec 19 j 12:58	11°♑51'22	
retrograde	-399 Dec 23 j 05:20	13°♑04'13	
evening set	-399 Dec 26 j 07:57	12°♑08'56	
inferior conj	-398 Jan 01 j 03:10	6°♑25'10	3°25'26
minimum elong	-398 Jan 01 j 00:38	6°♑32'53	3°24'57
min. Earth dist.	-398 Jan 02 j 20:49	4°♑17'48	0.65215 AU
morning rise	-398 Jan 06 j 16:16	0°♑15'29	
	-398 Jan 06 j 23:35	30°℞♐	
direct	-398 Jan 13 j 07:39	27°♐24'49	
	-398 Jan 20 j 11:05	0°♑	
morning max el	-398 Jan 26 j 11:36	5°♑05'43	26°55'34

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-398 Jan 28 j 11:09	7°♉09'46	
	-398 Feb 14 j 12:54	0°♒	
morning set	-398 Mar 03 j 05:08	28°♒50'07	
	-398 Mar 03 j 19:39	0°♓	
max. Earth dist.	-398 Mar 07 j 17:04	7°♓41'20	1.34294 AU
superior conj	-398 Mar 11 j 15:41	15°♓47'04	0°-58'-21
minimum elong	-398 Mar 11 j 18:25	16°♓01'23	0°57'51
asc. node	-398 Mar 17 j 12:17	28°♓07'05	
	-398 Mar 18 j 09:49	0°♈	
evening rise	-398 Mar 19 j 03:37	1°♈32'47	
	-398 Apr 04 j 17:09	0°♉	
evening max el	-398 Apr 08 j 01:27	3°♉38'24	21°25'45
retrograde	-398 Apr 20 j 03:41	9°♉31'10	
evening set	-398 Apr 22 j 13:57	9°♉17'42	
desc. node	-398 Apr 26 j 10:21	8°♉06'47	
inferior conj	-398 May 01 j 22:39	5°♉17'10	-1°-33'-42
minimum elong	-398 May 01 j 18:17	5°♉23'18	1°32'12
min. Earth dist.	-398 May 02 j 02:48	5°♉11'20	0.55007 AU
morning rise	-398 May 10 j 22:58	1°♉17'35	
direct	-398 May 14 j 01:36	0°♉56'31	
morning max el	-398 May 26 j 14:43	6°♉53'25	22°08'29
	-398 Jun 11 j 14:44	0°♊	
asc. node	-398 Jun 13 j 11:31	3°♊37'16	
morning set	-398 Jun 16 j 22:20	10°♊38'31	
superior conj	-398 Jun 24 j 05:14	26°♊02'27	1°32'15
minimum elong	-398 Jun 24 j 02:54	25°♊50'13	1°32'01
	-398 Jun 26 j 02:40	0°♋	
max. Earth dist.	-398 Jun 27 j 12:42	2°♋55'37	1.34527 AU
evening rise	-398 Jul 02 j 06:24	12°♋23'09	
	-398 Jul 11 j 23:13	0°♌	
desc. node	-398 Jul 23 j 09:40	17°♌44'17	
	-398 Aug 02 j 00:43	0°♍	
evening max el	-398 Aug 06 j 03:18	4°♍17'41	27°02'25
retrograde	-398 Aug 19 j 09:05	11°♍36'34	
evening set	-398 Aug 26 j 05:43	8°♍51'26	
min. Earth dist.	-398 Aug 30 j 02:58	5°♍01'22	0.65287 AU
inferior conj	-398 Sep 01 j 02:38	2°♍45'13	-2°-40'-24
minimum elong	-398 Sep 01 j 06:33	2°♍34'00	2°39'03
	-398 Sep 03 j 15:12	30°℞♌	
morning rise	-398 Sep 07 j 08:54	27°♌07'05	
asc. node	-398 Sep 09 j 10:42	26°♌28'50	
direct	-398 Sep 10 j 02:33	26°♌26'27	
morning max el	-398 Sep 16 j 15:46	29°♌59'38	18°14'29
	-398 Sep 16 j 15:55	0°♍	
morning set	-398 Oct 05 j 07:11	27°♍55'39	
	-398 Oct 06 j 13:25	0°♎	
desc. node	-398 Oct 19 j 08:58	20°♎42'07	
superior conj	-398 Oct 19 j 22:59	21°♎37'43	0°-3'-50
minimum elong	-398 Oct 19 j 22:30	21°♎35'47	0°03'47
behind sun begin	-398 Oct 19 j 11:43	20°♎53'03	
behind sun end	-398 Oct 20 j 09:16	22°♎18'28	
max. Earth dist.	-398 Oct 22 j 19:23	26°♎07'58	1.44899 AU
	-398 Oct 25 j 06:24	0°♏	
evening rise	-398 Nov 05 j 11:52	17°♏32'22	
	-398 Nov 13 j 12:25	0°♐	
greatest brilliancy	-398 Nov 21 j 09:59	11°♐55'40	-0.7m
evening max el	-398 Nov 29 j 18:55	22°♐43'09	19°33'43
asc. node	-398 Dec 06 j 09:59	26°♐54'28	
retrograde	-398 Dec 07 j 02:02	26°♐56'59	
evening set	-398 Dec 10 j 11:45	25°♐49'07	
inferior conj	-398 Dec 16 j 01:58	19°♐50'31	2°53'31
minimum elong	-398 Dec 15 j 23:08	19°♐59'46	2°52'45
min. Earth dist.	-398 Dec 17 j 05:29	18°♐20'44	0.66364 AU
morning rise	-398 Dec 21 j 09:47	13°♐36'44	
direct	-398 Dec 27 j 12:54	10°♐54'44	
morning max el	-397 Jan 08 j 20:51	18°♐13'25	25°48'41
desc. node	-397 Jan 15 j 08:11	25°♐32'09	
	-397 Jan 18 j 19:48	0°♑	
	-397 Feb 07 j 13:04	0°♒	
morning set	-397 Feb 14 j 02:04	11°♒35'03	
max. Earth dist.	-397 Feb 17 j 23:32	18°♒53'24	1.35815 AU
superior conj	-397 Feb 23 j 10:05	29°♒35'23	-1°-23'-2
minimum elong	-397 Feb 23 j 13:43	29°♒53'38	1°22'31
	-397 Feb 23 j 14:58	0°♓	
evening rise	-397 Mar 03 j 09:52	15°♓55'52	
asc. node	-397 Mar 04 j 09:19	17°♓54'54	
	-397 Mar 10 j 16:18	0°♈	
evening max el	-397 Mar 21 j 08:48	14°♈57'31	20°08'02
retrograde	-397 Mar 31 j 18:29	19°♈56'47	
evening set	-397 Apr 02 j 21:27	19°♈45'13	
inferior conj	-397 Apr 11 j 19:48	15°♈46'21	0°25'15
minimum elong	-397 Apr 11 j 20:56	15°♈44'39	0°24'51
desc. node	-397 Apr 13 j 07:22	14°♈53'05	
min. Earth dist.	-397 Apr 13 j 16:51	14°♈39'02	0.55411 AU
morning rise	-397 Apr 20 j 17:42	11°♈22'35	
direct	-397 Apr 24 j 15:23	10°♈49'13	
morning max el	-397 May 08 j 08:07	17°♈34'58	23°48'33
	-397 May 18 j 10:20	0°♉	
asc. node	-397 May 31 j 08:36	23°♉23'49	
morning set	-397 Jun 01 j 10:01	25°♉36'29	
	-397 Jun 03 j 11:40	0°♊	
superior conj	-397 Jun 08 j 12:23	10°♊50'54	1°16'36
minimum elong	-397 Jun 08 j 09:52	10°♊37'24	1°16'14
max. Earth dist.	-397 Jun 10 j 14:00	15°♊16'35	1.33435 AU
evening rise	-397 Jun 16 j 00:23	26°♊32'08	
	-397 Jun 17 j 18:17	0°♋	
	-397 Jul 05 j 07:32	0°♌	
desc. node	-397 Jul 10 j 06:40	6°♌52'09	
evening max el	-397 Jul 19 j 14:19	17°♌30'16	27°24'40
retrograde	-397 Aug 02 j 05:17	24°♌50'31	
evening set	-397 Aug 09 j 09:04	22°♌09'47	
min. Earth dist.	-397 Aug 13 j 00:42	18°♌54'20	0.63816 AU
inferior conj	-397 Aug 15 j 13:32	16°♌16'51	-3°-30'-39
minimum elong	-397 Aug 15 j 18:11	16°♌04'47	3°29'22
morning rise	-397 Aug 22 j 05:21	10°♌55'23	
direct	-397 Aug 24 j 18:13	10°♌23'28	
asc. node	-397 Aug 27 j 07:46	10°♌56'28	
morning max el	-397 Aug 31 j 07:24	13°♌49'32	17°55'52
	-397 Sep 11 j 12:04	0°♍	
morning set	-397 Sep 17 j 04:33	9°♍46'09	
	-397 Sep 29 j 03:36	0°♎	
superior conj	-397 Sep 29 j 19:12	1°♎04'00	0°41'49
minimum elong	-397 Sep 29 j 23:26	1°♎21'21	0°41'15
max. Earth dist.	-397 Oct 05 j 12:28	10°♎19'14	1.44142 AU
desc. node	-397 Oct 06 j 06:00	11°♎29'08	
evening rise	-397 Oct 15 j 20:37	26°♎31'17	
	-397 Oct 18 j 02:57	0°♏	
greatest brilliancy	-397 Nov 06 j 21:02	28°♏58'26	-0.5m
	-397 Nov 07 j 15:47	0°♐	
evening max el	-397 Nov 12 j 21:33	6°♐11'41	20°34'12
retrograde	-397 Nov 20 j 23:38	10°♐58'08	
asc. node	-397 Nov 23 j 07:01	10°♐27'48	
evening set	-397 Nov 24 j 18:32	9°♐35'32	
inferior conj	-397 Nov 30 j 05:36	3°♐25'19	2°13'20
minimum elong	-397 Nov 30 j 03:02	3°♐34'04	2°12'27
min. Earth dist.	-397 Nov 30 j 20:30	2°♐34'42	0.67138 AU
	-397 Dec 02 j 19:46	30°℞♏	
morning rise	-397 Dec 05 j 11:02	27°♏09'46	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-397 Dec 10 j 23:28	24°♏45'04	
	-397 Dec 20 j 17:14	0°♐	
morning max el	-397 Dec 22 j 05:11	1°♐27'15	24°26'20
desc. node	-396 Jan 02 j 05:15	14°♐41'13	
	-396 Jan 12 j 20:41	0°♑	
morning set	-396 Jan 27 j 02:52	23°♑16'13	
	-396 Jan 30 j 21:38	0°♒	
max. Earth dist.	-396 Jan 30 j 20:34	29°♑55'11	1.37733 AU
superior conj	-396 Feb 06 j 17:31	12°♒46'55	-1°-43'-49
minimum elong	-396 Feb 06 j 21:12	13°♒04'43	1°43'30
evening rise	-396 Feb 15 j 10:09	29°♒55'19	
	-396 Feb 15 j 11:06	0°♓	
asc. node	-396 Feb 19 j 06:22	7°♓25'05	
evening max el	-396 Mar 03 j 03:14	26°♓54'56	19°08'43
	-396 Mar 07 j 08:11	0°♈	
retrograde	-396 Mar 11 j 21:36	1°♈07'47	
evening set	-396 Mar 14 j 03:04	0°♈52'38	
	-396 Mar 16 j 17:31	30°℞♓	
inferior conj	-396 Mar 22 j 07:42	26°♓40'47	2°05'57
minimum elong	-396 Mar 22 j 11:57	26°♓33'30	2°04'43
min. Earth dist.	-396 Mar 25 j 08:11	24°♓37'43	0.56687 AU
desc. node	-396 Mar 30 j 04:25	21°♓57'07	
morning rise	-396 Mar 30 j 16:46	21°♓44'46	
direct	-396 Apr 04 j 17:17	20°♓45'56	
morning max el	-396 Apr 18 j 22:40	28°♓04'52	25°26'01
	-396 Apr 20 j 20:10	0°♈	
	-396 May 10 j 16:20	0°♉	
morning set	-396 May 15 j 21:56	10°♉35'18	
asc. node	-396 May 17 j 05:39	13°♉23'31	
superior conj	-396 May 22 j 22:43	25°♉48'01	0°57'04
minimum elong	-396 May 22 j 20:32	25°♉36'04	0°56'40
max. Earth dist.	-396 May 23 j 22:38	27°♉58'29	1.32728 AU
	-396 May 24 j 21:00	0°♊	
evening rise	-396 May 30 j 02:28	11°♊05'04	
	-396 Jun 09 j 00:12	0°♋	
desc. node	-396 Jun 26 j 03:42	25°♋08'48	
	-396 Jun 30 j 17:10	0°♌	
evening max el	-396 Jun 30 j 22:15	0°♌12'09	27°15'52
retrograde	-396 Jul 14 j 18:45	7°♌29'52	
evening set	-396 Jul 21 j 21:59	5°♌06'54	
min. Earth dist.	-396 Jul 25 j 12:13	2°♌17'46	0.62018 AU
	-396 Jul 28 j 00:18	30°℞♋	
inferior conj	-396 Jul 28 j 13:04	29°♋30'24	-4°-12'-20
minimum elong	-396 Jul 28 j 17:20	29°♋20'31	4°11'34
morning rise	-396 Aug 04 j 15:20	24°♋28'54	
direct	-396 Aug 07 j 02:03	24°♋02'51	
asc. node	-396 Aug 13 j 04:51	26°♋49'22	
morning max el	-396 Aug 13 j 22:13	27°♋29'52	17°55'33
	-396 Aug 16 j 04:17	0°♌	
morning set	-396 Aug 29 j 22:27	22°♌35'31	
	-396 Sep 03 j 01:00	0°♍	
superior conj	-396 Sep 09 j 18:33	11°♍50'27	1°15'59
minimum elong	-396 Sep 09 j 23:30	12°♍11'42	1°15'26
max. Earth dist.	-396 Sep 17 j 01:40	24°♍05'41	1.42770 AU
	-396 Sep 20 j 17:11	0°♎	
desc. node	-396 Sep 22 j 03:02	2°♎14'58	
evening rise	-396 Sep 24 j 05:54	5°♎35'41	
	-396 Oct 10 j 11:32	0°♏	
greatest brilliancy	-396 Oct 20 j 22:22	14°♏09'50	-0.4m
evening max el	-396 Oct 25 j 18:23	19°♏40'34	21°46'10
retrograde	-396 Nov 03 j 20:14	25°♏04'22	
evening set	-396 Nov 08 j 02:24	23°♏24'56	
asc. node	-396 Nov 09 j 04:04	22°♏28'13	
inferior conj	-396 Nov 13 j 11:54	17°♏06'32	1°26'56
minimum elong	-396 Nov 13 j 10:02	17°♏13'00	1°26'11
min. Earth dist.	-396 Nov 13 j 15:30	16°♏54'06	0.67554 AU
morning rise	-396 Nov 18 j 17:25	10°♏51'30	
direct	-396 Nov 23 j 14:28	8°♏48'38	
morning max el	-396 Dec 03 j 14:46	14°♏45'31	22°58'41
greatest brilliancy	-396 Dec 08 j 09:28	20°♏06'20	-0.3m
	-396 Dec 15 j 23:21	0°♐	
desc. node	-396 Dec 19 j 02:19	4°♐23'23	
	-395 Jan 04 j 20:16	0°♑	
morning set	-395 Jan 07 j 01:21	3°♑38'06	
max. Earth dist.	-395 Jan 11 j 16:07	11°♑25'57	1.39847 AU
superior conj	-395 Jan 19 j 09:39	25°♑10'35	-1°-57'-44
minimum elong	-395 Jan 19 j 11:56	25°♑21'04	1°57'41
	-395 Jan 22 j 00:11	0°♒	
evening rise	-395 Jan 29 j 01:37	13°♒24'20	
asc. node	-395 Feb 05 j 03:25	26°♒31'38	
	-395 Feb 07 j 04:40	0°♓	
evening max el	-395 Feb 14 j 06:35	9°♓25'54	18°29'20
retrograde	-395 Feb 21 j 19:42	13°♓08'08	
evening set	-395 Feb 24 j 05:46	12°♓46'29	
inferior conj	-395 Mar 03 j 16:23	8°♓14'26	3°12'07
minimum elong	-395 Mar 03 j 20:11	8°♓06'50	3°11'23
min. Earth dist.	-395 Mar 07 j 02:36	5°♓31'33	0.58545 AU
morning rise	-395 Mar 11 j 06:47	2°♓49'33	
direct	-395 Mar 17 j 08:22	1°♓14'56	
desc. node	-395 Mar 17 j 01:29	1°♓15'09	
morning max el	-395 Mar 31 j 16:26	8°♓52'33	26°45'28
	-395 Apr 16 j 16:58	0°♈	
morning set	-395 Apr 30 j 08:26	25°♈29'24	
	-395 May 02 j 11:31	0°♉	
asc. node	-395 May 04 j 02:44	3°♉31'33	
superior conj	-395 May 07 j 10:27	10°♉47'41	0°34'31
minimum elong	-395 May 07 j 08:59	10°♉39'38	0°34'13
max. Earth dist.	-395 May 07 j 11:11	10°♉51'44	1.32389 AU
evening rise	-395 May 14 j 09:58	25°♉52'56	
	-395 May 16 j 09:46	0°♊	
	-395 Jun 02 j 18:11	0°♋	
evening max el	-395 Jun 13 j 00:23	12°♋11'43	26°33'53
desc. node	-395 Jun 13 j 00:44	12°♋12'33	
retrograde	-395 Jun 27 j 00:17	19°♋26'31	
evening set	-395 Jul 03 j 15:53	17°♋34'15	
min. Earth dist.	-395 Jul 07 j 13:36	14°♋56'58	0.59999 AU
inferior conj	-395 Jul 10 j 21:38	12°♋16'39	-4°-38'-33
minimum elong	-395 Jul 10 j 23:44	12°♋12'23	4°38'24
morning rise	-395 Jul 18 j 10:53	7°♋37'47	
direct	-395 Jul 20 j 21:44	7°♋15'37	
morning max el	-395 Jul 28 j 09:16	10°♋53'11	18°14'38
asc. node	-395 Jul 31 j 01:56	13°♋52'33	
	-395 Aug 10 j 00:46	0°♌	
morning set	-395 Aug 13 j 07:20	6°♌08'23	
superior conj	-395 Aug 22 j 19:24	23°♌52'46	1°36'58
minimum elong	-395 Aug 22 j 22:39	24°♌07'30	1°36'44
	-395 Aug 26 j 05:29	0°♍	
max. Earth dist.	-395 Aug 30 j 09:29	7°♍13'15	1.40958 AU
evening rise	-395 Sep 04 j 08:25	15°♍28'56	
desc. node	-395 Sep 09 j 00:03	22°♍56'22	
	-395 Sep 13 j 13:34	0°♎	
greatest brilliancy	-395 Oct 02 j 21:27	26°♎58'04	-0.2m
	-395 Oct 05 j 11:04	0°♏	
evening max el	-395 Oct 08 j 09:58	3°♏10'30	23°05'00
retrograde	-395 Oct 18 j 14:20	9°♏12'39	
evening set	-395 Oct 23 j 09:38	7°♏15'03	
asc. node	-395 Oct 27 j 01:08	3°♏14'05	
inferior conj	-395 Oct 28 j 19:01	0°♏52'04	0°35'57

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-395 Oct 28 j 18:10	0°♏54'57	0°35'35	
min. Earth dist.	-395 Oct 28 j 12:04	1°♏15'59	0.67643 AU	
	-395 Oct 29 j 10:11	30°℞♎		
morning rise	-395 Nov 03 j 02:44	24°♎39'55		
direct	-395 Nov 07 j 09:04	22°♎59'48		
morning max el	-395 Nov 16 j 05:08	28°♎11'06	21°34'16	
	-395 Nov 17 j 22:09	0°♏		
greatest brilliancy	-395 Nov 21 j 05:30	3°♏54'36	-0.4m	
desc. node	-395 Dec 05 j 23:20	24°♏28'46		
	-395 Dec 09 j 15:30	0°♐		
morning set	-395 Dec 17 j 18:45	12°♐36'57		
max. Earth dist.	-395 Dec 24 j 16:49	23°♐48'32	1.41877 AU	
	-395 Dec 28 j 09:39	0°♑		
superior conj	-394 Jan 01 j 05:02	6°♑31'54	-2°00'-49	
minimum elong	-394 Jan 01 j 03:51	6°♑26'49	2°00'49	
evening rise	-394 Jan 12 j 04:40	26°♑13'42		
	-394 Jan 14 j 06:13	0°♒		
asc. node	-394 Jan 23 j 00:28	15°♒05'56		
evening max el	-394 Jan 28 j 15:46	22°♒20'53	18°09'58	
retrograde	-394 Feb 04 j 11:19	25°♒48'25		
evening set	-394 Feb 07 j 01:37	25°♒18'49		
inferior conj	-394 Feb 13 j 21:08	20°♒25'10	3°44'46	
minimum elong	-394 Feb 13 j 22:46	20°♒21'22	3°44'37	
min. Earth dist.	-394 Feb 17 j 03:03	17°♒25'49	0.60632 AU	
morning rise	-394 Feb 20 j 16:57	14°♒39'51		
direct	-394 Feb 27 j 10:59	12°♒28'36		
desc. node	-394 Mar 03 j 22:32	13°♒22'00		
morning max el	-394 Mar 13 j 16:24	20°♒16'42	27°34'16	
	-394 Mar 22 j 01:11	0°♓		
	-394 Apr 09 j 12:48	0°♈		
morning set	-394 Apr 14 j 15:39	10°♈11'22		
asc. node	-394 Apr 20 j 23:46	23°♈42'39		
max. Earth dist.	-394 Apr 20 j 23:37	23°♈41'51	1.32410 AU	
superior conj	-394 Apr 21 j 21:47	25°♈43'02	0°09'43	
minimum elong	-394 Apr 21 j 21:21	25°♈40'37	0°09'37	
behind sun begin	-394 Apr 21 j 17:19	25°♈18'33		
behind sun end	-394 Apr 22 j 01:23	26°♈02'42		
	-394 Apr 23 j 20:42	0°♉		
evening rise	-394 Apr 28 j 20:32	10°♉47'02		
	-394 May 08 j 17:32	0°♊		
evening max el	-394 May 25 j 19:28	23°♊25'25	25°22'29	
desc. node	-394 May 30 j 21:46	27°♊33'18		
	-394 Jun 04 j 23:12	0°♋		
retrograde	-394 Jun 08 j 20:22	0°♋35'30		
	-394 Jun 12 j 17:19	30°℞♊		
evening set	-394 Jun 14 j 11:04	29°♊21'51		
min. Earth dist.	-394 Jun 19 j 07:21	26°♊38'00	0.57967 AU	
inferior conj	-394 Jun 22 j 11:42	24°♊25'26	-4°-38'-55	
minimum elong	-394 Jun 22 j 09:41	24°♊28'57	4°38'48	
morning rise	-394 Jun 30 j 12:10	20°♊09'17		
direct	-394 Jul 03 j 00:42	19°♊49'51		
morning max el	-394 Jul 11 j 13:32	23°♊50'15	18°54'13	
	-394 Jul 16 j 17:10	0°♋		
asc. node	-394 Jul 17 j 22:59	1°♋50'46		
morning set	-394 Jul 28 j 02:51	20°♋13'06		
	-394 Aug 02 j 02:15	0°♌		
superior conj	-394 Aug 05 j 16:07	6°♌55'05	1°46'20	
minimum elong	-394 Aug 05 j 17:09	7°♌00'01	1°46'19	
max. Earth dist.	-394 Aug 12 j 12:43	19°♌36'17	1.38946 AU	
evening rise	-394 Aug 16 j 11:39	26°♌32'14		
	-394 Aug 18 j 12:33	0°♍		
desc. node	-394 Aug 26 j 21:04	13°♍29'25		
	-394 Sep 07 j 03:48	0°♎		
evening max el	-394 Sep 20 j 22:13	16°♎43'34	24°24'49	

retrograde	-394 Oct 02 j 04:53	23°♎19'54		
evening set	-394 Oct 07 j 14:32	21°♎04'14		
min. Earth dist.	-394 Oct 12 j 07:51	15°♎38'50	0.67412 AU	
inferior conj	-394 Oct 13 j 01:11	14°♎40'41	0°-18'-7	
minimum elong	-394 Oct 13 j 01:38	14°♎39'12	0°17'57	
asc. node	-394 Oct 13 j 22:11	13°♎30'43		
morning rise	-394 Oct 18 j 13:03	8°♎34'00		
direct	-394 Oct 22 j 06:17	7°♎14'48		
morning max el	-394 Oct 30 j 02:40	11°♎46'56	20°19'35	
greatest brilliancy	-394 Nov 05 j 17:27	19°♎44'15	-0.6m	
	-394 Nov 12 j 23:25	0°♏		
desc. node	-394 Nov 22 j 20:21	14°♏51'06		
morning set	-394 Nov 26 j 16:48	20°♏46'57		
	-394 Dec 02 j 14:23	0°♐		
max. Earth dist.	-394 Dec 07 j 00:43	7°♐03'01	1.43544 AU	
superior conj	-394 Dec 12 j 22:41	16°♐40'39	-1°-48'-28	
minimum elong	-394 Dec 12 j 16:46	16°♐16'13	1°48'06	
	-394 Dec 20 j 20:38	0°♑		
evening rise	-394 Dec 25 j 15:11	8°♑15'33		
	-393 Jan 07 j 16:32	0°♒		
asc. node	-393 Jan 09 j 21:29	2°♒58'27		
evening max el	-393 Jan 12 j 03:54	5°♒32'30	18°10'08	
retrograde	-393 Jan 18 j 16:11	8°♒59'00		
evening set	-393 Jan 21 j 10:37	8°♒20'26		
inferior conj	-393 Jan 27 j 18:26	3°♒05'57	3°51'16	
minimum elong	-393 Jan 27 j 17:54	3°♒07'23	3°51'14	
min. Earth dist.	-393 Jan 30 j 12:08	0°♒13'52	0.62648 AU	
	-393 Jan 30 j 17:39	30°℞♑		
morning rise	-393 Feb 02 j 23:07	27°♑07'53		
direct	-393 Feb 09 j 23:05	24°♑29'26		
desc. node	-393 Feb 18 j 19:34	27°♑57'17		
	-393 Feb 21 j 09:13	0°♒		
morning max el	-393 Feb 23 j 21:59	2°♒21'28	27°46'25	
	-393 Mar 16 j 08:33	0°♓		
morning set	-393 Mar 29 j 17:27	24°♓34'03		
	-393 Apr 01 j 08:59	0°♈		
max. Earth dist.	-393 Apr 04 j 07:59	6°♈15'04	1.32808 AU	
superior conj	-393 Apr 06 j 07:05	10°♈28'35	0°-16'-32	
minimum elong	-393 Apr 06 j 07:52	10°♈32'49	0°16'22	
asc. node	-393 Apr 07 j 20:48	13°♈52'59		
evening rise	-393 Apr 13 j 08:17	25°♈40'58		
	-393 Apr 15 j 09:59	0°♉		
	-393 May 03 j 14:16	0°♊		
evening max el	-393 May 07 j 10:15	4°♊07'10	23°52'05	
desc. node	-393 May 17 j 18:47	10°♊35'03		
retrograde	-393 May 21 j 04:43	11°♊01'38		
evening set	-393 May 25 j 09:10	10°♊22'53		
min. Earth dist.	-393 May 31 j 21:17	7°♊16'58	0.56254 AU	
inferior conj	-393 Jun 03 j 05:35	5°♊50'56	-4°00'-52	
minimum elong	-393 Jun 02 j 23:21	6°♊00'32	3°59'40	
morning rise	-393 Jun 11 j 17:12	1°♊51'55		
direct	-393 Jun 14 j 08:23	1°♊34'07		
morning max el	-393 Jun 24 j 08:17	6°♊11'44	19°54'42	
asc. node	-393 Jul 04 j 20:01	20°♊31'20		
	-393 Jul 09 j 21:30	0°♋		
morning set	-393 Jul 12 j 05:46	4°♋40'59		
superior conj	-393 Jul 20 j 03:17	20°♋41'24	1°46'22	
minimum elong	-393 Jul 20 j 02:30	20°♋37'28	1°46'22	
	-393 Jul 24 j 21:41	0°♌		
max. Earth dist.	-393 Jul 25 j 16:27	1°♌29'05	1.37004 AU	
evening rise	-393 Jul 29 j 14:26	8°♌43'42		
	-393 Aug 11 j 06:26	0°♍		
desc. node	-393 Aug 13 j 18:06	3°♍48'44		
	-393 Sep 03 j 01:35	0°♎		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-393 Sep 03 j 09:36	0°♎19'46	25°38'23
retrograde	-393 Sep 15 j 14:56	7°♎20'39	
evening set	-393 Sep 21 j 15:19	4°♎49'17	
min. Earth dist.	-393 Sep 26 j 00:26	29°♍59'46	0.66859 AU
	-393 Sep 26 j 00:22	30°℞♍	
inferior conj	-393 Sep 27 j 04:40	28°♍29'20	-1°-13'-49
minimum elong	-393 Sep 27 j 06:31	28°♍23'23	1°13'03
asc. node	-393 Sep 30 j 19:13	24°♍15'16	
morning rise	-393 Oct 02 j 22:26	22°♍31'02	
direct	-393 Oct 06 j 04:40	21°♍29'37	
morning max el	-393 Oct 13 j 07:37	25°♍31'32	19°18'27
	-393 Oct 17 j 04:03	0°♎	
greatest brilliancy	-393 Oct 23 j 09:14	8°♎41'58	-0.7m
morning set	-393 Nov 05 j 18:59	29°♎17'02	
	-393 Nov 06 j 06:01	0°♏	
desc. node	-393 Nov 09 j 17:22	5°♏24'57	
max. Earth dist.	-393 Nov 19 j 15:00	20°♏56'59	1.44636 AU
superior conj	-393 Nov 22 j 14:17	25°♏39'24	-1°-17'-53
minimum elong	-393 Nov 22 j 06:07	25°♏06'58	1°17'02
	-393 Nov 25 j 07:37	0°♐	
evening rise	-393 Dec 07 j 04:44	19°♐21'32	
	-393 Dec 13 j 14:53	0°♑	
evening max el	-393 Dec 26 j 16:11	18°♑53'51	18°29'01
asc. node	-393 Dec 27 j 18:31	19°♑56'39	
retrograde	-392 Jan 02 j 05:51	22°♑30'51	
evening set	-392 Jan 05 j 05:11	21°♑42'04	
inferior conj	-392 Jan 11 j 04:17	16°♑08'30	3°38'53
minimum elong	-392 Jan 11 j 02:15	16°♑14'25	3°38'36
min. Earth dist.	-392 Jan 13 j 06:48	13°♑41'34	0.64389 AU
morning rise	-392 Jan 16 j 21:59	10°♑02'22	
direct	-392 Jan 23 j 18:38	7°♑11'44	
desc. node	-392 Feb 05 j 16:35	14°♑24'23	
morning max el	-392 Feb 06 j 06:47	14°♑59'24	27°22'56
	-392 Feb 18 j 14:03	0°♒	
	-392 Mar 08 j 00:22	0°♓	
morning set	-392 Mar 12 j 11:06	8°♓28'22	
max. Earth dist.	-392 Mar 17 j 08:25	18°♓19'36	1.33621 AU
superior conj	-392 Mar 20 j 12:29	24°♓58'07	0°-43'-14
minimum elong	-392 Mar 20 j 14:33	25°♓09'03	0°42'50
	-392 Mar 22 j 21:12	0°♈	
asc. node	-392 Mar 24 j 17:51	3°♈58'30	
evening rise	-392 Mar 27 j 19:27	10°♈28'30	
	-392 Apr 07 j 00:23	0°♉	
evening max el	-392 Apr 18 j 03:07	14°♉44'39	22°17'12
retrograde	-392 May 01 j 00:22	21°♉04'18	
evening set	-392 May 03 j 22:02	20°♉45'45	
desc. node	-392 May 03 j 15:48	20°♉48'53	
min. Earth dist.	-392 May 12 j 10:11	17°♉06'12	0.55208 AU
inferior conj	-392 May 13 j 06:32	16°♉37'28	-2°-37'-49
minimum elong	-392 May 12 j 23:55	16°♉46'50	2°35'48
morning rise	-392 May 22 j 03:40	12°♉43'10	
direct	-392 May 25 j 00:27	12°♉24'32	
morning max el	-392 Jun 05 j 15:56	17°♉51'14	21°14'57
	-392 Jun 15 j 04:33	0°♊	
asc. node	-392 Jun 20 j 17:04	9°♊44'14	
morning set	-392 Jun 25 j 13:39	19°♊25'50	
	-392 Jun 30 j 15:07	0°♋	
superior conj	-392 Jul 03 j 00:42	4°♋59'48	1°39'07
minimum elong	-392 Jul 02 j 22:45	4°♋49'41	1°38'58
max. Earth dist.	-392 Jul 07 j 03:09	13°♋20'41	1.35331 AU
evening rise	-392 Jul 11 j 12:11	21°♋51'43	
	-392 Jul 15 j 22:15	0°♌	
desc. node	-392 Jul 30 j 15:08	23°♌48'01	
	-392 Aug 04 j 01:20	0°♍	

evening max el	-392 Aug 15 j 21:31	13°♍55'14	26°37'45
retrograde	-392 Aug 28 j 19:51	21°♍09'29	
evening set	-392 Sep 04 j 09:54	18°♍27'19	
min. Earth dist.	-392 Sep 08 j 11:24	14°♍15'26	0.65968 AU
inferior conj	-392 Sep 10 j 03:33	12°♍15'09	-2°-9'-20
minimum elong	-392 Sep 10 j 06:47	12°♍05'26	2°08'07
morning rise	-392 Sep 16 j 04:49	6°♍28'30	
asc. node	-392 Sep 16 j 16:14	6°♍14'19	
direct	-392 Sep 19 j 02:26	5°♍41'11	
morning max el	-392 Sep 25 j 18:38	9°♍22'11	18°33'00
	-392 Oct 10 j 06:13	0°♎	
morning set	-392 Oct 15 j 21:18	9°♎02'10	
desc. node	-392 Oct 26 j 14:24	26°♎06'36	
	-392 Oct 29 j 01:33	0°♏	
superior conj	-392 Oct 31 j 15:04	4°♏02'08	0°-32'-29
minimum elong	-392 Oct 31 j 10:48	3°♏45'21	0°31'56
max. Earth dist.	-392 Nov 01 j 09:21	5°♏14'02	1.45023 AU
evening rise	-392 Nov 16 j 18:35	29°♏28'43	
	-392 Nov 17 j 02:28	0°♐	
	-392 Dec 07 j 00:19	0°♑	
evening max el	-392 Dec 09 j 02:13	2°♑20'12	19°05'27
asc. node	-392 Dec 13 j 15:32	5°♑46'24	
retrograde	-392 Dec 16 j 00:51	6°♑17'48	
evening set	-392 Dec 19 j 06:22	5°♑17'16	
inferior conj	-392 Dec 24 j 23:13	29°♐26'54	3°13'01
minimum elong	-392 Dec 24 j 20:29	29°♐35'31	3°12'24
	-392 Dec 24 j 12:41	30°℞♐	
min. Earth dist.	-392 Dec 26 j 10:39	27°♐35'15	0.65760 AU
morning rise	-392 Dec 30 j 09:43	23°♐15'29	
direct	-391 Jan 05 j 20:27	20°♐27'11	
morning max el	-391 Jan 18 j 16:22	27°♐59'30	26°29'34
	-391 Jan 20 j 14:30	0°♑	
desc. node	-391 Jan 22 j 13:36	2°♑11'50	
	-391 Feb 11 j 07:26	0°♒	
morning set	-391 Feb 23 j 16:57	21°♒42'31	
	-391 Feb 27 j 23:58	0°♓	
max. Earth dist.	-391 Feb 27 j 21:53	29°♒49'43	1.34890 AU
superior conj	-391 Mar 04 j 11:43	9°♓04'01	-1°-9'-8
minimum elong	-391 Mar 04 j 14:54	9°♓20'24	1°08'37
asc. node	-391 Mar 11 j 14:53	23°♓54'18	
evening rise	-391 Mar 12 j 04:08	25°♓02'47	
	-391 Mar 14 j 14:29	0°♈	
evening max el	-391 Mar 31 j 04:09	25°♈43'34	20°50'38
	-391 Apr 06 j 04:07	0°♉	
retrograde	-391 Apr 11 j 13:22	1°♉13'15	
evening set	-391 Apr 13 j 19:03	1°♉01'21	
	-391 Apr 17 j 06:41	30°℞♈	
desc. node	-391 Apr 20 j 12:50	28°♈27'13	
inferior conj	-391 Apr 23 j 00:47	27°♈03'43	0°-42'-52
minimum elong	-391 Apr 22 j 22:45	27°♈06'36	0°42'09
min. Earth dist.	-391 Apr 23 j 23:16	26°♈31'42	0.55065 AU
morning rise	-391 May 02 j 01:28	22°♈56'09	
direct	-391 May 05 j 11:10	22°♈31'07	
morning max el	-391 May 18 j 13:22	28°♈49'32	22°50'28
	-391 May 19 j 18:13	0°♉	
asc. node	-391 Jun 07 j 14:08	29°♉20'22	
	-391 Jun 07 j 21:57	0°♊	
morning set	-391 Jun 10 j 00:29	4°♊20'40	
superior conj	-391 Jun 17 j 05:02	19°♊39'21	1°26'10
minimum elong	-391 Jun 17 j 02:34	19°♊26'13	1°25'51
max. Earth dist.	-391 Jun 19 j 23:25	25°♊29'18	1.34018 AU
	-391 Jun 22 j 03:52	0°♋	
evening rise	-391 Jun 24 j 23:58	5°♋41'35	
	-391 Jul 08 j 14:04	0°♌	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-391 Jul 17 j 12:11	13°♌17'46		
evening max el	-391 Jul 29 j 09:18	27°♌19'08	27°15'22	
	-391 Aug 01 j 10:04	0°♍		
retrograde	-391 Aug 11 j 19:08	4°♍38'24		
evening set	-391 Aug 18 j 19:42	1°♍53'45		
	-391 Aug 20 j 23:08	30°℞♌		
min. Earth dist.	-391 Aug 22 j 14:21	28°♌19'05	0.64711 AU	
inferior conj	-391 Aug 24 j 19:34	25°♌53'05	-3°-2'-26	
minimum elong	-391 Aug 24 j 23:53	25°♌41'11	3°01'04	
morning rise	-391 Aug 31 j 05:45	20°♌21'36		
direct	-391 Sep 02 j 21:10	19°♌44'55		
asc. node	-391 Sep 03 j 13:18	19°♌47'18		
morning max el	-391 Sep 09 j 09:21	23°♌13'43	18°04'25	
	-391 Sep 14 j 18:20	0°♍		
morning set	-391 Sep 27 j 04:04	20°♍10'35		
	-391 Oct 03 j 01:29	0°♎		
superior conj	-391 Oct 10 j 22:45	12°♎50'00	0°16'37	
minimum elong	-391 Oct 11 j 00:44	12°♎57'57	0°16'20	
desc. node	-391 Oct 13 j 11:28	16°♎52'30		
max. Earth dist.	-391 Oct 15 j 04:12	19°♎34'01	1.44663 AU	
	-391 Oct 21 j 19:41	0°♏		
evening rise	-391 Oct 27 j 11:03	8°♏45'10		
	-391 Nov 10 j 09:43	0°♐		
greatest brilliancy	-391 Nov 15 j 03:24	6°♐50'30	-0.6m	
evening max el	-391 Nov 22 j 07:55	15°♐48'20	19°57'47	
retrograde	-391 Nov 29 j 22:16	20°♐15'11		
asc. node	-391 Nov 30 j 12:33	20°♐13'09		
evening set	-391 Dec 03 j 11:44	19°♐01'05		
inferior conj	-391 Dec 09 j 00:23	12°♐56'58	2°37'21	
minimum elong	-391 Dec 08 j 21:36	13°♐06'14	2°36'31	
min. Earth dist.	-391 Dec 09 j 22:14	11°♐44'11	0.66737 AU	
morning rise	-391 Dec 14 j 06:52	6°♐42'18		
direct	-391 Dec 20 j 03:51	4°♐07'10		
morning max el	-390 Jan 01 j 01:17	11°♐11'23	25°15'04	
desc. node	-390 Jan 09 j 10:40	20°♐56'18		
	-390 Jan 16 j 02:34	0°♑		
	-390 Feb 03 j 23:29	0°♒		
morning set	-390 Feb 06 j 06:10	4°♒02'58		
max. Earth dist.	-390 Feb 10 j 00:15	10°♒56'17	1.36596 AU	
superior conj	-390 Feb 16 j 01:59	22°♒38'25	-1°-32'-28	
minimum elong	-390 Feb 16 j 05:46	22°♒57'10	1°32'01	
	-390 Feb 19 j 18:10	0°♓		
evening rise	-390 Feb 24 j 08:15	9°♓17'32		
asc. node	-390 Feb 26 j 11:56	13°♓35'46		
	-390 Mar 07 j 17:48	0°♈		
evening max el	-390 Mar 13 j 16:17	7°♈18'54	19°40'18	
retrograde	-390 Mar 23 j 08:29	11°♈57'19		
evening set	-390 Mar 25 j 11:50	11°♈44'42		
inferior conj	-390 Apr 03 j 03:00	7°♈41'09	1°11'38	
minimum elong	-390 Apr 03 j 05:56	7°♈36'32	1°10'39	
min. Earth dist.	-390 Apr 05 j 13:35	6°♈09'09	0.55863 AU	
desc. node	-390 Apr 07 j 09:51	5°♈03'55		
morning rise	-390 Apr 11 j 20:36	3°♈04'01		
direct	-390 Apr 16 j 04:59	2°♈21'46		
morning max el	-390 Apr 30 j 04:56	9°♈23'10	24°31'16	
	-390 May 15 j 11:51	0°♉		
asc. node	-390 May 25 j 11:14	19°♉13'10		
morning set	-390 May 25 j 12:29	19°♉19'47		
	-390 May 30 j 11:42	0°♊		
superior conj	-390 Jun 01 j 13:48	4°♊32'11	1°08'44	
minimum elong	-390 Jun 01 j 11:23	4°♊19'02	1°08'21	
max. Earth dist.	-390 Jun 03 j 04:14	7°♊59'54	1.33089 AU	
evening rise	-390 Jun 08 j 21:46	20°♊01'29		
	-390 Jun 13 j 23:55	0°♋		

	-390 Jul 02 j 17:54	0°♌		
desc. node	-390 Jul 04 j 09:12	2°♌05'42		
evening max el	-390 Jul 11 j 19:06	10°♌19'04	27°24'48	
retrograde	-390 Jul 25 j 12:32	17°♌38'37		
evening set	-390 Aug 01 j 17:25	15°♌03'22		
min. Earth dist.	-390 Aug 05 j 07:35	12°♌00'52	0.63090 AU	
inferior conj	-390 Aug 08 j 01:59	9°♌17'14	-3°-49'-44	
minimum elong	-390 Aug 08 j 06:39	9°♌05'42	3°48'38	
morning rise	-390 Aug 14 j 22:12	4°♌04'14		
direct	-390 Aug 17 j 09:52	3°♌35'07		
asc. node	-390 Aug 21 j 10:24	4°♌52'28		
morning max el	-390 Aug 24 j 01:02	7°♌00'16	17°53'30	
	-390 Sep 08 j 01:23	0°♍		
morning set	-390 Sep 09 j 10:51	2°♍27'28		
superior conj	-390 Sep 21 j 06:10	22°♍49'19	0°57'57	
minimum elong	-390 Sep 21 j 11:08	23°♍10'05	0°57'19	
	-390 Sep 25 j 14:30	0°♎		
max. Earth dist.	-390 Sep 27 j 19:55	3°♎36'30	1.43618 AU	
desc. node	-390 Sep 30 j 08:31	7°♎39'06		
evening rise	-390 Oct 06 j 17:35	17°♎39'35		
	-390 Oct 14 j 19:49	0°♏		
greatest brilliancy	-390 Oct 30 j 22:21	22°♏56'37	-0.5m	
evening max el	-390 Nov 05 j 07:57	29°♏16'07	21°03'38	
	-390 Nov 06 j 01:31	0°♐		
retrograde	-390 Nov 13 j 19:48	4°♐18'36		
asc. node	-390 Nov 17 j 09:37	3°♐06'16		
evening set	-390 Nov 17 j 19:12	2°♐49'01		
	-390 Nov 20 j 14:55	30°℞♏		
inferior conj	-390 Nov 23 j 05:23	26°♏34'36	1°54'20	
minimum elong	-390 Nov 23 j 03:04	26°♏42'35	1°53'28	
min. Earth dist.	-390 Nov 23 j 15:17	26°♏00'35	0.67348 AU	
morning rise	-390 Nov 28 j 10:33	20°♏18'51		
direct	-390 Dec 03 j 16:18	18°♏03'20		
morning max el	-390 Dec 14 j 09:57	24°♏27'29	23°49'14	
	-390 Dec 19 j 09:14	0°♐		
desc. node	-390 Dec 27 j 07:43	10°♐20'31		
	-389 Jan 09 j 13:55	0°♑		
morning set	-389 Jan 18 j 20:31	15°♑12'15		
max. Earth dist.	-389 Jan 22 j 19:42	22°♑06'08	1.38620 AU	
	-389 Jan 27 j 04:36	0°♒		
superior conj	-389 Jan 30 j 03:27	5°♒30'37	-1°-50'-47	
minimum elong	-389 Jan 30 j 06:46	5°♒46'18	1°50'34	
evening rise	-389 Feb 08 j 05:10	23°♒04'50		
	-389 Feb 11 j 19:12	0°♓		
asc. node	-389 Feb 13 j 08:58	2°♓56'39		
evening max el	-389 Feb 24 j 14:47	19°♓31'08	18°49'28	
retrograde	-389 Mar 04 j 19:31	23°♓29'12		
evening set	-389 Mar 07 j 02:44	23°♓11'41		
inferior conj	-389 Mar 14 j 23:31	18°♓51'49	2°38'24	
minimum elong	-389 Mar 15 j 03:55	18°♓43'45	2°37'18	
min. Earth dist.	-389 Mar 18 j 06:13	16°♓29'03	0.57426 AU	
morning rise	-389 Mar 23 j 00:55	13°♓42'07		
desc. node	-389 Mar 25 j 06:54	12°♓54'39		
direct	-389 Mar 28 j 12:37	12°♓28'52		
morning max el	-389 Apr 11 j 20:28	19°♓58'01	26°02'51	
	-389 Apr 20 j 09:55	0°♈		
	-389 May 07 j 22:21	0°♉		
morning set	-389 May 10 j 00:01	4°♉17'17		
asc. node	-389 May 12 j 08:18	9°♉16'56		
superior conj	-389 May 17 j 00:58	19°♉31'14	0°47'49	
minimum elong	-389 May 16 j 23:03	19°♉20'41	0°47'28	
max. Earth dist.	-389 May 17 j 14:49	20°♉47'06	1.32535 AU	
	-389 May 21 j 20:56	0°♊		
evening rise	-389 May 24 j 02:26	4°♊41'35		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-389 Jun 06 j 16:50	0°♋	
desc. node	-389 Jun 21 j 06:12	19°♋54'28	
evening max el	-389 Jun 24 j 00:40	22°♋43'29	27°01'58
	-389 Jul 07 j 08:46	0°♌	
retrograde	-389 Jul 07 j 23:09	0°♌00'57	
	-389 Jul 08 j 13:28	30°℞♋	
evening set	-389 Jul 14 j 22:53	27°♋49'22	
min. Earth dist.	-389 Jul 18 j 14:43	25°♋07'25	0.61169 AU
inferior conj	-389 Jul 21 j 19:36	22°♋20'21	-4°-25'-55
minimum elong	-389 Jul 21 j 23:13	22°♋12'27	4°25'26
morning rise	-389 Jul 29 j 02:32	17°♋28'30	
direct	-389 Jul 31 j 12:54	17°♋04'28	
morning max el	-389 Aug 07 j 14:43	20°♋34'53	18°01'15
asc. node	-389 Aug 08 j 07:29	21°♋17'20	
	-389 Aug 14 j 16:26	0°♌	
morning set	-389 Aug 23 j 11:44	15°♌36'54	
	-389 Aug 31 j 08:41	0°♍	
superior conj	-389 Sep 02 j 17:00	4°♍09'57	1°26'25
minimum elong	-389 Sep 02 j 21:23	4°♍29'14	1°26'01
max. Earth dist.	-389 Sep 10 j 06:21	17°♍05'47	1.42032 AU
evening rise	-389 Sep 16 j 08:34	27°♍00'22	
desc. node	-389 Sep 17 j 05:33	28°♍23'37	
	-389 Sep 18 j 05:58	0°♎	
	-389 Oct 08 j 14:53	0°♏	
greatest brilliancy	-389 Oct 14 j 08:48	7°♏25'36	-0.3m
evening max el	-389 Oct 19 j 02:19	12°♏44'56	22°19'12
retrograde	-389 Oct 28 j 15:33	18°♏25'46	
evening set	-389 Nov 02 j 02:58	16°♏38'54	
asc. node	-389 Nov 04 j 06:40	14°♏31'10	
inferior conj	-389 Nov 07 j 12:15	10°♏18'00	1°05'49
minimum elong	-389 Nov 07 j 10:47	10°♏23'05	1°05'12
min. Earth dist.	-389 Nov 07 j 11:21	10°♏21'06	0.67626 AU
morning rise	-389 Nov 12 j 18:25	4°♏03'36	
direct	-389 Nov 17 j 09:03	2°♏10'22	
morning max el	-389 Nov 26 j 21:05	7°♏48'00	22°21'52
greatest brilliancy	-389 Dec 01 j 12:23	13°♏00'29	-0.3m
desc. node	-389 Dec 14 j 04:46	0°♐13'21	
	-389 Dec 14 j 01:06	0°♐	
morning set	-389 Dec 30 j 06:24	24°♐57'18	
	-388 Jan 02 j 08:09	0°♑	
max. Earth dist.	-388 Jan 04 j 16:06	3°♑54'10	1.40737 AU
superior conj	-388 Jan 12 j 11:24	17°♑28'59	-2°00'-39
minimum elong	-388 Jan 12 j 12:29	17°♑33'50	2°00'39
	-388 Jan 19 j 07:16	0°♒	
evening rise	-388 Jan 22 j 15:46	6°♒17'20	
asc. node	-388 Jan 31 j 06:00	21°♒50'16	
	-388 Feb 05 j 20:13	0°♓	
evening max el	-388 Feb 07 j 21:02	2°♓13'26	18°18'43
retrograde	-388 Feb 15 j 01:14	5°♓47'15	
evening set	-388 Feb 17 j 13:11	5°♓22'23	
inferior conj	-388 Feb 24 j 17:01	0°♓41'30	3°29'38
minimum elong	-388 Feb 24 j 19:59	0°♓35'10	3°29'12
	-388 Feb 25 j 12:22	30°℞♒	
min. Earth dist.	-388 Feb 28 j 02:58	27°♒48'17	0.59428 AU
morning rise	-388 Mar 02 j 23:14	25°♒06'54	
direct	-388 Mar 09 j 09:19	23°♒15'43	
desc. node	-388 Mar 11 j 03:56	23°♒24'00	
	-388 Mar 22 j 15:47	0°♓	
morning max el	-388 Mar 23 j 16:31	0°♓58'59	27°10'23
	-388 Apr 13 j 11:32	0°♈	
morning set	-388 Apr 23 j 09:19	19°♈06'41	
asc. node	-388 Apr 28 j 05:20	29°♈26'33	
	-388 Apr 28 j 11:28	0°♉	
max. Earth dist.	-388 Apr 30 j 03:36	3°♉39'43	1.32351 AU
superior conj	-388 Apr 30 j 12:44	4°♉29'48	0°24'13
minimum elong	-388 Apr 30 j 11:40	4°♉23'58	0°24'00
evening rise	-388 May 07 j 11:28	19°♉32'57	
	-388 May 12 j 15:17	0°♊	
	-388 May 31 j 20:17	0°♋	
evening max el	-388 Jun 04 j 23:55	4°♋23'42	26°06'46
desc. node	-388 Jun 07 j 03:14	6°♋18'41	
retrograde	-388 Jun 19 j 01:06	11°♋37'03	
evening set	-388 Jun 25 j 07:25	10°♋01'11	
min. Earth dist.	-388 Jun 29 j 12:45	7°♋22'59	0.59113 AU
inferior conj	-388 Jul 02 j 20:43	4°♋52'03	-4°-42'-39
minimum elong	-388 Jul 02 j 21:16	4°♋50'59	4°42'40
morning rise	-388 Jul 10 j 14:41	0°♋22'48	
direct	-388 Jul 13 j 02:01	0°♋01'57	
morning max el	-388 Jul 20 j 23:13	3°♋48'04	18°28'52
asc. node	-388 Jul 25 j 04:33	8°♋45'34	
morning set	-388 Aug 06 j 01:37	29°♋24'33	
	-388 Aug 06 j 09:00	0°♌	
superior conj	-388 Aug 15 j 02:59	16°♌39'23	1°42'13
minimum elong	-388 Aug 15 j 05:17	16°♌50'03	1°42'06
max. Earth dist.	-388 Aug 22 j 11:42	29°♌53'11	1.40113 AU
	-388 Aug 22 j 13:16	0°♍	
evening rise	-388 Aug 26 j 21:23	7°♍22'44	
desc. node	-388 Sep 03 j 02:34	19°♍01'56	
	-388 Sep 10 j 08:00	0°♎	
evening max el	-388 Sep 30 j 16:20	26°♎16'16	23°39'18
	-388 Oct 04 j 22:53	0°♏	
retrograde	-388 Oct 11 j 08:08	2°♏33'26	
evening set	-388 Oct 16 j 09:23	0°♏28'18	
	-388 Oct 16 j 22:10	30°℞♎	
asc. node	-388 Oct 21 j 03:43	24°♎57'24	
inferior conj	-388 Oct 21 j 19:09	24°♎04'46	0°13'19
minimum elong	-388 Oct 21 j 18:50	24°♎05'52	0°13'10
transit middle	-388 Oct 21 j 18:50	24°♎05'52	0°13'10
transit begin	-388 Oct 21 j 17:14	24°♎11'19	
transit end	-388 Oct 21 j 20:26	24°♎00'24	
min. Earth dist.	-388 Oct 21 j 07:54	24°♎43'10	0.67586 AU
morning rise	-388 Oct 27 j 04:24	17°♎54'29	
direct	-388 Oct 31 j 05:02	16°♎23'19	
morning max el	-388 Nov 08 j 14:07	21°♎16'43	21°00'57
greatest brilliancy	-388 Nov 14 j 03:53	27°♎45'53	-0.5m
	-388 Nov 15 j 20:55	0°♏	
desc. node	-388 Nov 30 j 01:49	20°♏26'30	
	-388 Dec 06 j 07:56	0°♐	
morning set	-388 Dec 08 j 13:17	3°♐27'37	
max. Earth dist.	-388 Dec 16 j 19:44	16°♐39'22	1.42647 AU
superior conj	-388 Dec 23 j 20:21	28°♐20'29	-1°-57'-43
minimum elong	-388 Dec 23 j 17:10	28°♐07'01	1°57'37
	-388 Dec 24 j 19:43	0°♑	
evening rise	-387 Jan 04 j 12:15	18°♑47'03	
	-387 Jan 10 j 19:46	0°♒	
asc. node	-387 Jan 17 j 03:01	10°♒08'05	
evening max el	-387 Jan 21 j 07:53	15°♒16'48	18°07'45
retrograde	-387 Jan 27 j 22:59	18°♒42'01	
evening set	-387 Jan 30 j 15:09	18°♒08'33	
inferior conj	-387 Feb 06 j 05:16	13°♒05'51	3°50'13
minimum elong	-387 Feb 06 j 05:55	13°♒04'15	3°50'11
min. Earth dist.	-387 Feb 09 j 06:37	10°♒07'09	0.61514 AU
morning rise	-387 Feb 12 j 18:11	7°♒14'44	
direct	-387 Feb 19 j 16:10	4°♒50'21	
desc. node	-387 Feb 26 j 00:58	6°♒38'18	
morning max el	-387 Mar 05 j 18:52	12°♒40'06	27°44'01
	-387 Mar 19 j 13:49	0°♓	
	-387 Apr 05 j 18:41	0°♈	
morning set	-387 Apr 07 j 14:31	3°♈41'40	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	-387 Apr 13 j 14:55	16°♈25'18	1.32535 AU
superior conj	-387 Apr 14 j 23:26	19°♈22'07	0°-1'-17
minimum elong	-387 Apr 14 j 23:30	19°♈22'28	0°01'17
behind sun begin	-387 Apr 14 j 18:25	18°♈54'47	
behind sun end	-387 Apr 15 j 04:34	19°♈50'10	
asc. node	-387 Apr 15 j 02:22	19°♈38'08	
	-387 Apr 19 j 20:34	0°♉	
evening rise	-387 Apr 21 j 22:49	4°♉28'30	
	-387 May 05 j 15:24	0°♊	
evening max el	-387 May 17 j 16:52	15°♊22'17	24°45'34
desc. node	-387 May 25 j 00:13	20°♊45'25	
retrograde	-387 May 31 j 16:01	22°♊26'40	
evening set	-387 Jun 05 j 16:52	21°♊29'12	
min. Earth dist.	-387 Jun 11 j 04:22	18°♊37'38	0.57187 AU
inferior conj	-387 Jun 14 j 02:16	16°♊43'14	-4°-28'-11
minimum elong	-387 Jun 13 j 22:16	16°♊49'52	4°27'43
morning rise	-387 Jun 22 j 07:29	12°♊35'09	
direct	-387 Jun 24 j 21:13	12°♊16'24	
morning max el	-387 Jul 03 j 23:38	16°♊30'42	19°17'19
asc. node	-387 Jul 12 j 01:36	27°♊03'11	
	-387 Jul 13 j 19:26	0°♋	
morning set	-387 Jul 21 j 00:39	13°♋40'15	
superior conj	-387 Jul 29 j 06:27	0°♌01'58	1°47'22
minimum elong	-387 Jul 29 j 06:39	0°♌02'53	1°47'22
	-387 Jul 29 j 06:03	0°♌	
max. Earth dist.	-387 Aug 04 j 14:54	12°♌02'30	1.38107 AU
evening rise	-387 Aug 08 j 11:07	18°♌56'00	
	-387 Aug 14 j 23:47	0°♍	
desc. node	-387 Aug 20 j 23:35	9°♍29'38	
	-387 Sep 04 j 13:02	0°♎	
evening max el	-387 Sep 13 j 04:06	9°♎50'59	24°57'18
retrograde	-387 Sep 24 j 20:40	16°♎38'13	
evening set	-387 Sep 30 j 12:44	14°♎15'25	
min. Earth dist.	-387 Oct 05 j 02:31	9°♎05'12	0.67225 AU
inferior conj	-387 Oct 06 j 00:23	7°♎53'10	0°-41'-39
minimum elong	-387 Oct 06 j 01:25	7°♎49'45	0°41'14
asc. node	-387 Oct 08 j 00:46	5°♎18'25	
morning rise	-387 Oct 11 j 14:34	1°♎49'50	
direct	-387 Oct 15 j 02:56	0°♎38'31	
morning max el	-387 Oct 22 j 14:53	4°♎56'05	19°51'45
greatest brilliancy	-387 Oct 30 j 06:27	14°♎24'40	-0.6m
	-387 Nov 09 j 20:15	0°♏	
desc. node	-387 Nov 16 j 22:51	10°♏54'03	
morning set	-387 Nov 17 j 09:54	11°♏36'48	
	-387 Nov 29 j 03:34	0°♐	
max. Earth dist.	-387 Nov 29 j 07:14	0°♐14'35	1.44091 AU
superior conj	-387 Dec 04 j 02:22	7°♐56'55	-1°-37'-43
minimum elong	-387 Dec 03 j 18:51	7°♐26'31	1°37'06
	-387 Dec 17 j 08:18	0°♑	
evening rise	-387 Dec 17 j 14:19	0°♑25'36	
asc. node	-386 Jan 04 j 00:02	27°♑38'44	
evening max el	-386 Jan 04 j 20:22	28°♑32'37	18°15'56
	-386 Jan 06 j 10:47	0°♒	
retrograde	-386 Jan 11 j 08:11	2°♒02'21	
evening set	-386 Jan 14 j 04:38	1°♒19'29	
	-386 Jan 16 j 05:36	30°℞♑	
inferior conj	-386 Jan 20 j 08:21	25°♑56'19	3°47'57
minimum elong	-386 Jan 20 j 07:05	25°♑59'49	3°47'51
min. Earth dist.	-386 Jan 22 j 19:34	23°♑13'33	0.63425 AU
morning rise	-386 Jan 26 j 07:51	19°♑54'23	
direct	-386 Feb 02 j 07:16	17°♑09'18	
desc. node	-386 Feb 12 j 22:00	22°♑05'07	
morning max el	-386 Feb 16 j 02:15	25°♑00'07	27°40'42
	-386 Feb 20 j 16:18	0°♒	

	-386 Mar 12 j 23:48	0°♓	
morning set	-386 Mar 22 j 13:13	17°♓53'08	
max. Earth dist.	-386 Mar 27 j 20:36	28°♓48'25	1.33104 AU
	-386 Mar 28 j 10:07	0°♈	
superior conj	-386 Mar 30 j 07:17	4°♈01'10	0°-27'-51
minimum elong	-386 Mar 30 j 08:37	4°♈08'18	0°27'35
asc. node	-386 Apr 01 j 23:22	9°♈46'29	
evening rise	-386 Apr 06 j 10:32	19°♈20'17	
	-386 Apr 11 j 16:40	0°♉	
evening max el	-386 Apr 29 j 07:28	25°♉57'28	23°11'19
	-386 May 04 j 09:02	0°♊	
desc. node	-386 May 11 j 21:13	2°♊37'59	
retrograde	-386 May 12 j 18:38	2°♊39'47	
evening set	-386 May 16 j 09:02	2°♊11'21	
	-386 May 21 j 17:05	30°℞♉	
min. Earth dist.	-386 May 23 j 17:13	28°♉52'49	0.55717 AU
inferior conj	-386 May 25 j 12:05	27°♉50'06	-3°-30'-55
minimum elong	-386 May 25 j 05:00	28°♉00'30	3°29'11
morning rise	-386 Jun 03 j 04:12	23°♉55'27	
direct	-386 Jun 05 j 21:19	23°♉37'43	
morning max el	-386 Jun 16 j 13:43	28°♉34'24	20°26'37
	-386 Jun 18 j 00:25	0°♊	
asc. node	-386 Jun 28 j 22:38	15°♊58'15	
morning set	-386 Jul 05 j 05:58	28°♊16'00	
	-386 Jul 06 j 02:18	0°♋	
superior conj	-386 Jul 12 j 22:27	14°♋03'15	1°44'05
minimum elong	-386 Jul 12 j 21:06	13°♋56'20	1°44'01
max. Earth dist.	-386 Jul 17 j 21:04	23°♋51'41	1.36253 AU
	-386 Jul 21 j 02:35	0°♌	
evening rise	-386 Jul 21 j 22:33	1°♌32'38	
desc. node	-386 Aug 07 j 20:36	29°♌41'13	
	-386 Aug 08 j 01:39	0°♍	
evening max el	-386 Aug 26 j 15:30	23°♍27'05	26°05'45
	-386 Sep 04 j 23:29	0°♎	
retrograde	-386 Sep 08 j 04:37	0°♎35'04	
	-386 Sep 11 j 05:00	30°℞♍	
evening set	-386 Sep 14 j 11:12	27°♍57'58	
min. Earth dist.	-386 Sep 18 j 16:54	23°♍24'39	0.66524 AU
inferior conj	-386 Sep 20 j 02:10	21°♍40'53	-1°-37'-32
minimum elong	-386 Sep 20 j 04:37	21°♍33'12	1°36'33
asc. node	-386 Sep 24 j 21:49	16°♍30'21	
morning rise	-386 Sep 25 j 22:58	15°♍47'27	
direct	-386 Sep 29 j 01:13	14°♍52'35	
morning max el	-386 Oct 05 j 22:47	18°♍44'21	18°57'11
	-386 Oct 14 j 14:31	0°♎	
morning set	-386 Oct 27 j 20:55	20°♎35'25	
	-386 Nov 02 j 20:30	0°♏	
desc. node	-386 Nov 03 j 19:54	1°♏31'50	
max. Earth dist.	-386 Nov 11 j 23:48	14°♏21'17	1.44886 AU
superior conj	-386 Nov 13 j 09:28	16°♏33'56	0°-59'-55
minimum elong	-386 Nov 13 j 02:15	16°♏05'27	0°59'03
	-386 Nov 21 j 20:34	0°♐	
evening rise	-386 Nov 28 j 18:03	11°♐07'07	
	-386 Dec 10 j 11:35	0°♑	
evening max el	-386 Dec 19 j 07:54	11°♑56'07	18°42'24
asc. node	-386 Dec 21 j 21:04	14°♑09'36	
retrograde	-386 Dec 26 j 00:40	15°♑41'12	
evening set	-386 Dec 29 j 02:21	14°♑47'42	
inferior conj	-385 Jan 03 j 22:30	9°♑06'29	3°29'19
minimum elong	-385 Jan 03 j 20:05	9°♑13'47	3°28'54
min. Earth dist.	-385 Jan 05 j 18:27	6°♑53'42	0.65015 AU
morning rise	-385 Jan 09 j 12:40	2°♑57'31	
direct	-385 Jan 16 j 05:34	0°♑06'21	
morning max el	-385 Jan 29 j 11:56	7°♑49'40	27°03'28

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-385 Jan 30 j 19:03	9°♑09'44	
	-385 Feb 15 j 17:52	0°♒	
	-385 Mar 05 j 07:17	0°♓	
morning set	-385 Mar 06 j 02:23	1°♓31'39	
max. Earth dist.	-385 Mar 10 j 16:43	10°♓38'10	1.34104 AU
superior conj	-385 Mar 14 j 10:20	18°♓20'50	0°-54'-25
minimum elong	-385 Mar 14 j 12:55	18°♓34'20	0°53'57
asc. node	-385 Mar 19 j 20:24	29°♓47'52	
	-385 Mar 19 j 22:42	0°♈	
evening rise	-385 Mar 21 j 20:52	4°♈02'18	
	-385 Apr 05 j 09:59	0°♉	
evening max el	-385 Apr 11 j 03:00	6°♉40'11	21°38'42
retrograde	-385 Apr 23 j 10:45	12°♉40'29	
evening set	-385 Apr 25 j 23:19	12°♉26'06	
desc. node	-385 Apr 28 j 18:15	11°♉39'28	
inferior conj	-385 May 05 j 08:27	8°♉24'04	-1°-51'-16
minimum elong	-385 May 05 j 03:22	8°♉31'13	1°49'34
min. Earth dist.	-385 May 05 j 06:12	8°♉27'14	0.55025 AU
morning rise	-385 May 14 j 08:11	4°♉26'26	
direct	-385 May 17 j 08:57	4°♉06'14	
morning max el	-385 May 29 j 16:52	9°♉55'36	21°54'14
	-385 Jun 13 j 00:00	0°♊	
asc. node	-385 Jun 15 j 19:42	5°♊21'30	
morning set	-385 Jun 19 j 15:18	13°♊05'20	
superior conj	-385 Jun 26 j 23:09	28°♊31'39	1°34'14
minimum elong	-385 Jun 26 j 20:55	28°♊19'52	1°34'01
	-385 Jun 27 j 16:03	0°♋	
max. Earth dist.	-385 Jun 30 j 11:22	5°♋47'04	1.34721 AU
evening rise	-385 Jul 05 j 02:47	14°♋59'42	
	-385 Jul 13 j 08:08	0°♌	
desc. node	-385 Jul 25 j 17:37	19°♌29'00	
	-385 Aug 02 j 17:33	0°♍	
evening max el	-385 Aug 09 j 03:18	6°♍58'11	26°56'50
retrograde	-385 Aug 22 j 07:26	14°♍16'21	
evening set	-385 Aug 29 j 02:26	11°♍31'42	
min. Earth dist.	-385 Sep 02 j 00:45	7°♍35'59	0.65472 AU
inferior conj	-385 Sep 03 j 22:26	5°♍23'44	-2°-32'-23
minimum elong	-385 Sep 04 j 02:11	5°♍12'50	2°31'02
	-385 Sep 09 j 15:05	30°℞♌	
morning rise	-385 Sep 10 j 03:22	29°♌43'14	
asc. node	-385 Sep 11 j 18:54	29°♌08'01	
direct	-385 Sep 12 j 21:55	29°♌01'02	
	-385 Sep 16 j 05:59	0°♍	
morning max el	-385 Sep 19 j 11:46	2°♍36'08	18°18'43
	-385 Oct 07 j 21:43	0°♎	
morning set	-385 Oct 08 j 11:29	0°♎56'17	
desc. node	-385 Oct 21 j 16:56	22°♎15'29	
superior conj	-385 Oct 23 j 10:27	24°♎59'50	0°-11'-19
minimum elong	-385 Oct 23 j 08:59	24°♎53'59	0°11'09
behind sun begin	-385 Oct 23 j 00:47	24°♎21'34	
behind sun end	-385 Oct 23 j 17:11	25°♎26'23	
max. Earth dist.	-385 Oct 25 j 18:15	28°♎39'49	1.44954 AU
	-385 Oct 26 j 14:38	0°♏	
evening rise	-385 Nov 08 j 21:59	20°♏49'57	
	-385 Nov 14 j 18:49	0°♐	
greatest brilliancy	-385 Nov 23 j 18:42	13°♐45'53	-0.7m
evening max el	-385 Dec 02 j 16:17	25°♐23'08	19°25'55
asc. node	-385 Dec 08 j 18:08	29°♐25'26	
retrograde	-385 Dec 09 j 21:00	29°♐32'27	
evening set	-385 Dec 13 j 05:34	28°♐26'36	
inferior conj	-385 Dec 18 j 20:25	22°♐30'08	2°58'56
minimum elong	-385 Dec 18 j 17:36	22°♐39'18	2°58'11
min. Earth dist.	-385 Dec 20 j 01:58	20°♐54'31	0.66223 AU
morning rise	-385 Dec 24 j 04:49	16°♐16'52	
direct	-385 Dec 30 j 10:04	13°♐32'48	
morning max el	-384 Jan 11 j 21:17	20°♐55'32	25°59'46
desc. node	-384 Jan 17 j 16:07	27°♐23'34	
	-384 Jan 19 j 18:23	0°♑	
	-384 Feb 08 j 21:58	0°♒	
morning set	-384 Feb 17 j 01:50	14°♒24'43	
max. Earth dist.	-384 Feb 21 j 00:51	21°♒53'46	1.35561 AU
	-384 Feb 25 j 03:32	0°♓	
superior conj	-384 Feb 26 j 06:09	2°♓14'10	-1°-19'-29
minimum elong	-384 Feb 26 j 09:41	2°♓32'03	1°18'59
evening rise	-384 Mar 05 j 03:52	18°♓28'32	
asc. node	-384 Mar 05 j 17:28	19°♓37'54	
	-384 Mar 11 j 00:19	0°♈	
evening max el	-384 Mar 23 j 08:47	17°♈54'11	20°18'32
retrograde	-384 Apr 03 j 00:35	23°♈01'01	
evening set	-384 Apr 05 j 03:52	22°♈49'35	
inferior conj	-384 Apr 14 j 04:27	18°♈51'41	0°07'43
minimum elong	-384 Apr 14 j 04:48	18°♈51'10	0°07'37
transit middle	-384 Apr 14 j 04:48	18°♈51'10	0°07'37
transit begin	-384 Apr 14 j 01:16	18°♈56'23	
transit end	-384 Apr 14 j 08:20	18°♈45'57	
desc. node	-384 Apr 14 j 15:17	18°♈35'42	
min. Earth dist.	-384 Apr 15 j 20:05	17°♈53'21	0.55289 AU
morning rise	-384 Apr 23 j 03:24	14°♈32'31	
direct	-384 Apr 26 j 21:46	14°♈01'37	
morning max el	-384 May 10 j 11:08	20°♈40'51	23°33'29
	-384 May 18 j 09:30	0°♉	
asc. node	-384 Jun 01 j 16:46	25°♉05'31	
morning set	-384 Jun 03 j 02:52	28°♉02'50	
	-384 Jun 04 j 01:05	0°♊	
superior conj	-384 Jun 10 j 05:41	13°♊18'11	1°19'15
minimum elong	-384 Jun 10 j 03:11	13°♊04'42	1°18'55
max. Earth dist.	-384 Jun 12 j 11:29	18°♊05'11	1.33574 AU
evening rise	-384 Jun 17 j 19:19	29°♊04'25	
	-384 Jun 18 j 06:29	0°♋	
	-384 Jul 05 j 10:58	0°♌	
desc. node	-384 Jul 11 j 14:38	8°♌43'03	
evening max el	-384 Jul 21 j 14:40	20°♌14'26	27°23'13
retrograde	-384 Aug 04 j 04:27	27°♌34'23	
evening set	-384 Aug 11 j 07:35	24°♌52'22	
min. Earth dist.	-384 Aug 14 j 23:58	21°♌32'00	0.64062 AU
inferior conj	-384 Aug 17 j 10:46	18°♌57'18	-3°-23'-29
minimum elong	-384 Aug 17 j 15:22	18°♌45'11	3°22'10
morning rise	-384 Aug 24 j 01:06	13°♌32'59	
direct	-384 Aug 26 j 14:33	12°♌59'55	
asc. node	-384 Aug 28 j 15:58	13°♌21'32	
morning max el	-384 Sep 02 j 03:14	16°♌26'26	17°57'27
	-384 Sep 11 j 19:05	0°♍	
morning set	-384 Sep 19 j 05:15	12°♍36'14	
	-384 Sep 29 j 12:52	0°♎	
superior conj	-384 Oct 02 j 02:58	4°♎14'32	0°35'33
minimum elong	-384 Oct 02 j 06:45	4°♎29'56	0°35'03
max. Earth dist.	-384 Oct 07 j 11:50	12°♎53'26	1.44302 AU
desc. node	-384 Oct 07 j 13:59	13°♎01'59	
evening rise	-384 Oct 18 j 08:12	29°♎51'45	
	-384 Oct 18 j 10:21	0°♏	
	-384 Nov 07 j 14:50	0°♐	
greatest brilliancy	-384 Nov 08 j 13:04	1°♐15'23	-0.5m
evening max el	-384 Nov 14 j 19:46	8°♐51'23	20°24'25
retrograde	-384 Nov 22 j 18:36	13°♐32'25	
asc. node	-384 Nov 24 j 15:12	13°♐12'43	
evening set	-384 Nov 26 j 12:03	12°♐12'03	
inferior conj	-384 Dec 01 j 23:29	6°♐03'23	2°19'52
minimum elong	-384 Dec 01 j 20:50	6°♐12'19	2°18'58

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	-384 Dec 02 j 16:08	5°♐07'03	0.67048 AU	
	-384 Dec 06 j 23:51	30°℞♏		
morning rise	-384 Dec 07 j 05:06	29°♏48'05		
direct	-384 Dec 12 j 19:49	27°♏20'28		
	-384 Dec 19 j 12:12	0°♐		
morning max el	-384 Dec 24 j 05:37	4°♐08'27	24°39'11	
desc. node	-383 Jan 03 j 13:11	16°♐26'25		
	-383 Jan 13 j 02:25	0°♑		
morning set	-383 Jan 29 j 06:03	26°♑16'29		
	-383 Jan 31 j 08:19	0°♒		
max. Earth dist.	-383 Feb 01 j 23:06	2°♒55'47	1.37430 AU	
superior conj	-383 Feb 08 j 15:30	15°♒32'01	-1°-41'-3	
minimum elong	-383 Feb 08 j 19:15	15°♒50'16	1°40'41	
	-383 Feb 15 j 22:44	0°♓		
evening rise	-383 Feb 17 j 05:15	2°♓32'13		
asc. node	-383 Feb 20 j 14:31	9°♓11'10		
evening max el	-383 Mar 06 j 01:39	29°♓45'54	19°16'15	
	-383 Mar 06 j 07:36	0°♈		
retrograde	-383 Mar 15 j 01:17	4°♈04'51		
evening set	-383 Mar 17 j 06:10	3°♈50'24		
	-383 Mar 25 j 02:06	30°℞♓		
inferior conj	-383 Mar 25 j 13:34	29°♓40'55	1°52'47	
minimum elong	-383 Mar 25 j 17:36	29°♓34'10	1°51'33	
min. Earth dist.	-383 Mar 28 j 11:01	27°♓45'33	0.56453 AU	
desc. node	-383 Apr 01 j 12:20	25°♓28'00		
morning rise	-383 Apr 03 j 01:06	24°♓49'52		
direct	-383 Apr 07 j 21:26	23°♓55'46		
	-383 Apr 20 j 19:16	0°♈		
morning max el	-383 Apr 22 j 01:41	1°♈10'22	25°12'21	
	-383 May 12 j 02:31	0°♉		
morning set	-383 May 18 j 14:51	13°♉01'43		
asc. node	-383 May 19 j 13:49	15°♉03'15		
superior conj	-383 May 25 j 15:41	28°♉14'07	1°00'15	
minimum elong	-383 May 25 j 13:25	28°♉01'46	0°59'51	
	-383 May 26 j 11:07	0°♊		
max. Earth dist.	-383 May 26 j 19:18	0°♊44'27	1.32811 AU	
evening rise	-383 Jun 01 j 20:24	13°♊34'02		
	-383 Jun 10 j 09:09	0°♋		
desc. node	-383 Jun 28 j 11:39	27°♋08'15		
	-383 Jul 01 j 00:04	0°♌		
evening max el	-383 Jul 03 j 23:12	3°♌01'19	27°19'13	
retrograde	-383 Jul 17 j 18:50	10°♌19'13		
evening set	-383 Jul 24 j 22:53	7°♌52'39		
min. Earth dist.	-383 Jul 28 j 12:54	5°♌00'30	0.62307 AU	
inferior conj	-383 Jul 31 j 12:10	2°♌13'41	-4°-6'-50	
minimum elong	-383 Jul 31 j 16:36	2°♌03'15	4°05'59	
	-383 Aug 02 j 23:31	30°℞♋		
morning rise	-383 Aug 07 j 12:51	27°♋09'05		
direct	-383 Aug 09 j 23:47	26°♋42'15		
asc. node	-383 Aug 15 j 13:02	29°♋02'12		
	-383 Aug 16 j 14:53	0°♌		
morning max el	-383 Aug 16 j 18:20	0°♌08'23	17°54'24	
morning set	-383 Sep 01 j 20:28	25°♌17'47		
	-383 Sep 04 j 11:21	0°♍		
superior conj	-383 Sep 12 j 22:14	14°♍48'51	1°11'39	
minimum elong	-383 Sep 13 j 03:16	15°♍10'21	1°11'06	
max. Earth dist.	-383 Sep 20 j 01:59	26°♍45'24	1.43008 AU	
	-383 Sep 22 j 02:00	0°♎		
desc. node	-383 Sep 24 j 11:01	3°♎48'06		
evening rise	-383 Sep 27 j 16:13	8°♎52'13		
	-383 Oct 11 j 16:05	0°♏		
greatest brilliancy	-383 Oct 23 j 18:44	16°♏39'33	-0.4m	
evening max el	-383 Oct 28 j 17:24	22°♏20'00	21°34'52	
retrograde	-383 Nov 06 j 15:27	27°♏38'07		
evening set	-383 Nov 10 j 19:51	26°♏01'12		
asc. node	-383 Nov 11 j 12:14	25°♏26'39		
inferior conj	-383 Nov 16 j 05:29	19°♏43'40	1°34'19	
minimum elong	-383 Nov 16 j 03:29	19°♏50'36	1°33'31	
min. Earth dist.	-383 Nov 16 j 10:39	19°♏25'50	0.67512 AU	
morning rise	-383 Nov 21 j 10:50	13°♏28'28		
direct	-383 Nov 26 j 10:07	11°♏22'23		
morning max el	-383 Dec 06 j 14:54	17°♏26'14	23°11'45	
greatest brilliancy	-383 Dec 11 j 15:31	23°♏04'21	-0.3m	
	-383 Dec 17 j 00:54	0°♐		
desc. node	-383 Dec 21 j 10:14	6°♐04'08		
	-382 Jan 06 j 04:43	0°♑		
morning set	-382 Jan 10 j 08:47	6°♑50'54		
max. Earth dist.	-382 Jan 14 j 18:36	14°♑21'04	1.39531 AU	
superior conj	-382 Jan 22 j 10:12	28°♑03'22	-1°-56'-15	
minimum elong	-382 Jan 22 j 12:49	28°♑15'30	1°56'08	
	-382 Jan 23 j 11:20	0°♒		
evening rise	-382 Jan 31 j 22:13	16°♒06'13		
asc. node	-382 Feb 07 j 11:33	28°♒21'44		
	-382 Feb 08 j 10:00	0°♓		
evening max el	-382 Feb 17 j 03:48	12°♓11'58	18°33'52	
retrograde	-382 Feb 24 j 20:36	15°♓57'53		
evening set	-382 Feb 27 j 05:55	15°♓37'23		
inferior conj	-382 Mar 06 j 19:05	11°♓08'26	3°04'23	
minimum elong	-382 Mar 06 j 23:06	11°♓00'33	3°03'31	
min. Earth dist.	-382 Mar 10 j 04:48	8°♓30'05	0.58246 AU	
morning rise	-382 Mar 14 j 12:21	5°♓47'07		
desc. node	-382 Mar 19 j 09:22	4°♓21'04		
direct	-382 Mar 20 j 10:31	4°♓18'17		
morning max el	-382 Apr 03 j 18:48	11°♓53'56	26°35'21	
	-382 Apr 17 j 21:14	0°♈		
morning set	-382 May 03 j 01:38	27°♈56'27		
	-382 May 04 j 01:05	0°♉		
asc. node	-382 May 06 j 10:51	5°♉09'53		
superior conj	-382 May 10 j 03:16	13°♉13'15	0°38'06	
minimum elong	-382 May 10 j 01:40	13°♉04'29	0°37'47	
max. Earth dist.	-382 May 10 j 07:26	13°♉36'07	1.32416 AU	
evening rise	-382 May 17 j 03:11	28°♉19'31		
	-382 May 17 j 22:30	0°♊		
	-382 Jun 03 j 18:41	0°♋		
desc. node	-382 Jun 15 j 08:39	14°♋24'11		
evening max el	-382 Jun 16 j 02:09	15°♋06'39	26°42'06	
retrograde	-382 Jun 30 j 01:41	22°♋22'15		
evening set	-382 Jul 06 j 19:52	20°♋24'31		
min. Earth dist.	-382 Jul 10 j 15:34	17°♋46'44	0.60303 AU	
inferior conj	-382 Jul 13 j 23:07	15°♋03'57	-4°-36'-2	
minimum elong	-382 Jul 14 j 01:42	14°♋58'39	4°35'49	
morning rise	-382 Jul 21 j 10:45	10°♋21'50		
direct	-382 Jul 23 j 21:26	9°♋59'14		
morning max el	-382 Jul 31 j 06:08	13°♋34'30	18°10'34	
asc. node	-382 Aug 02 j 10:05	15°♋55'23		
	-382 Aug 11 j 10:11	0°♌		
morning set	-382 Aug 16 j 03:22	8°♌44'35		
superior conj	-382 Aug 25 j 19:35	26°♌40'40	1°34'35	
minimum elong	-382 Aug 25 j 23:09	26°♌56'44	1°34'18	
	-382 Aug 27 j 16:11	0°♍		
max. Earth dist.	-382 Sep 02 j 10:27	9°♍58'44	1.41241 AU	
evening rise	-382 Sep 07 j 15:22	18°♍35'47		
desc. node	-382 Sep 11 j 08:01	24°♍30'15		
	-382 Sep 14 j 20:43	0°♎		
	-382 Oct 06 j 05:06	0°♏		
greatest brilliancy	-382 Oct 06 j 06:48	0°♏05'11	-0.3m	
evening max el	-382 Oct 11 j 09:33	5°♏49'10	22°53'03	
retrograde	-382 Oct 21 j 10:02	11°♏46'09		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-382 Oct 26 j 03:15	9°♏51'17	
asc. node	-382 Oct 29 j 09:17	6°♏21'21	
inferior conj	-382 Oct 31 j 12:33	3°♏28'37	0°43'54
minimum elong	-382 Oct 31 j 11:32	3°♏32'06	0°43'29
min. Earth dist.	-382 Oct 31 j 07:08	3°♏47'18	0.67647 AU
	-382 Nov 03 j 03:37	30°℞♎	
morning rise	-382 Nov 05 j 19:49	27°♎15'48	
direct	-382 Nov 10 j 04:13	25°♎32'23	
	-382 Nov 18 j 07:48	0°♏	
morning max el	-382 Nov 19 j 04:22	0°♏50'31	21°46'20
greatest brilliancy	-382 Nov 24 j 01:23	6°♏22'37	-0.4m
desc. node	-382 Dec 08 j 07:16	26°♏06'18	
	-382 Dec 10 j 21:55	0°♐	
morning set	-382 Dec 21 j 06:16	16°♐00'55	
max. Earth dist.	-382 Dec 27 j 17:57	26°♐34'03	1.41591 AU
	-382 Dec 29 j 19:13	0°♑	
superior conj	-381 Jan 04 j 08:56	9°♑34'16	-2°-1'-15
minimum elong	-381 Jan 04 j 08:25	9°♑32'01	2°01'16
evening rise	-381 Jan 15 j 03:19	29°♑01'37	
	-381 Jan 15 j 16:00	0°♒	
asc. node	-381 Jan 25 j 08:35	17°♒01'21	
evening max el	-381 Jan 31 j 12:17	25°♒03'41	18°11'37
retrograde	-381 Feb 07 j 09:48	28°♒32'29	
evening set	-381 Feb 09 j 23:27	28°♒04'13	
inferior conj	-381 Feb 16 j 21:01	23°♒13'54	3°41'38
minimum elong	-381 Feb 16 j 23:00	23°♒09'22	3°41'26
min. Earth dist.	-381 Feb 20 j 04:17	20°♒15'15	0.60320 AU
morning rise	-381 Feb 23 j 19:25	17°♒30'59	
direct	-381 Mar 02 j 11:42	15°♒24'36	
desc. node	-381 Mar 06 j 06:24	16°♒02'35	
morning max el	-381 Mar 16 j 17:48	23°♒11'58	27°29'13
	-381 Mar 22 j 19:55	0°♓	
	-381 Apr 10 j 23:25	0°♈	
morning set	-381 Apr 17 j 09:27	12°♈40'37	
asc. node	-381 Apr 23 j 07:53	25°♈20'48	
max. Earth dist.	-381 Apr 23 j 20:01	26°♈27'03	1.32379 AU
superior conj	-381 Apr 24 j 14:46	28°♈09'42	0°13'36
minimum elong	-381 Apr 24 j 14:09	28°♈06'20	0°13'28
behind sun begin	-381 Apr 24 j 11:30	27°♈51'46	
behind sun end	-381 Apr 24 j 16:49	28°♈20'54	
	-381 Apr 25 j 10:54	0°♉	
evening rise	-381 May 01 j 13:24	13°♉13'05	
	-381 May 10 j 01:41	0°♊	
evening max el	-381 May 28 j 22:14	26°♊27'02	25°34'42
desc. node	-381 Jun 02 j 05:39	0°♋02'50	
	-381 Jun 02 j 04:03	0°♋	
retrograde	-381 Jun 11 j 23:31	3°♋38'31	
evening set	-381 Jun 17 j 18:36	2°♋19'05	
	-381 Jun 21 j 20:52	30°℞♊	
min. Earth dist.	-381 Jun 22 j 10:23	29°♊37'11	0.58252 AU
inferior conj	-381 Jun 25 j 16:10	27°♊19'09	-4°-41'-9
minimum elong	-381 Jun 25 j 14:52	27°♊21'29	4°41'06
morning rise	-381 Jul 03 j 14:58	22°♊59'47	
direct	-381 Jul 06 j 03:04	22°♊40'04	
morning max el	-381 Jul 14 j 11:38	26°♊36'25	18°47'00
	-381 Jul 17 j 13:32	0°♋	
asc. node	-381 Jul 20 j 07:07	3°♋46'21	
morning set	-381 Jul 30 j 21:33	22°♋45'18	
	-381 Aug 03 j 14:23	0°♌	
superior conj	-381 Aug 08 j 13:44	9°♌35'14	1°45'35
minimum elong	-381 Aug 08 j 15:05	9°♌41'40	1°45'31
max. Earth dist.	-381 Aug 15 j 13:55	22°♌27'10	1.39245 AU
evening rise	-381 Aug 19 j 14:54	29°♌28'46	
	-381 Aug 19 j 22:15	0°♍	
desc. node	-381 Aug 29 j 05:02	15°♍04'54	
	-381 Sep 08 j 06:50	0°♎	
evening max el	-381 Sep 23 j 22:12	19°♎21'54	24°13'09
retrograde	-381 Oct 05 j 01:12	25°♎53'44	
evening set	-381 Oct 10 j 08:36	23°♎40'51	
min. Earth dist.	-381 Oct 15 j 03:15	18°♎10'09	0.67467 AU
inferior conj	-381 Oct 15 j 18:59	17°♎17'04	0°-9'-46
minimum elong	-381 Oct 15 j 19:13	17°♎16'16	0°09'41
transit middle	-381 Oct 15 j 19:13	17°♎16'16	0°09'41
transit begin	-381 Oct 15 j 17:01	17°♎23'41	
transit end	-381 Oct 15 j 21:24	17°♎08'52	
asc. node	-381 Oct 16 j 06:19	16°♎38'55	
morning rise	-381 Oct 21 j 06:06	11°♎09'16	
direct	-381 Oct 25 j 01:10	9°♎47'04	
morning max el	-381 Nov 02 j 00:41	14°♎24'33	20°29'51
greatest brilliancy	-381 Nov 08 j 08:19	21°♎56'15	-0.5m
	-381 Nov 14 j 03:30	0°♏	
desc. node	-381 Nov 25 j 04:18	16°♏26'31	
morning set	-381 Nov 30 j 05:52	24°♏13'56	
	-381 Dec 03 j 22:33	0°♐	
max. Earth dist.	-381 Dec 10 j 00:32	9°♐40'22	1.43331 AU
superior conj	-381 Dec 16 j 06:38	19°♐54'15	-1°-51'-30
minimum elong	-381 Dec 16 j 01:24	19°♐32'28	1°51'13
	-381 Dec 22 j 06:09	0°♑	
evening rise	-381 Dec 28 j 16:32	11°♑10'45	
	-380 Jan 08 j 17:47	0°♒	
asc. node	-380 Jan 12 j 05:36	5°♒00'49	
evening max el	-380 Jan 15 j 00:10	8°♒13'22	18°08'56
retrograde	-380 Jan 21 j 12:53	11°♒39'03	
evening set	-380 Jan 24 j 06:43	11°♒01'50	
inferior conj	-380 Jan 30 j 16:05	5°♒50'29	3°51'33
minimum elong	-380 Jan 30 j 15:50	5°♒51'07	3°51'34
min. Earth dist.	-380 Feb 02 j 11:57	2°♒55'57	0.62364 AU
morning rise	-380 Feb 05 j 22:46	29°♑54'04	
	-380 Feb 05 j 19:35	30°℞♑	
direct	-380 Feb 12 j 22:36	27°♑18'41	
	-380 Feb 20 j 16:49	0°♒	
desc. node	-380 Feb 21 j 03:27	0°♒17'35	
morning max el	-380 Feb 26 j 22:33	5°♒10'28	27°46'56
	-380 Mar 16 j 14:55	0°♓	
morning set	-380 Mar 31 j 12:12	27°♓06'45	
	-380 Apr 01 j 22:05	0°♈	
max. Earth dist.	-380 Apr 06 j 05:13	9°♈03'40	1.32721 AU
superior conj	-380 Apr 08 j 00:30	12°♈57'19	0°-12'-29
minimum elong	-380 Apr 08 j 01:06	13°♈00'31	0°12'23
behind sun begin	-380 Apr 07 j 21:50	12°♈42'52	
behind sun end	-380 Apr 08 j 04:21	13°♈18'10	
asc. node	-380 Apr 09 j 04:55	15°♈31'37	
evening rise	-380 Apr 15 j 01:07	28°♈07'43	
	-380 Apr 15 j 22:29	0°♉	
	-380 May 03 j 05:48	0°♊	
evening max el	-380 May 09 j 13:30	7°♊12'46	24°06'17
desc. node	-380 May 19 j 02:40	13°♊28'15	
retrograde	-380 May 23 j 09:42	14°♊10'17	
evening set	-380 May 27 j 19:23	13°♊27'12	
min. Earth dist.	-380 Jun 03 j 00:46	10°♊25'21	0.56475 AU
inferior conj	-380 Jun 05 j 13:06	8°♊51'37	-4°-9'-35
minimum elong	-380 Jun 05 j 07:20	9°♊00'37	4°08'35
morning rise	-380 Jun 13 j 23:02	4°♊50'27	
direct	-380 Jun 16 j 13:49	4°♊32'26	
morning max el	-380 Jun 26 j 07:56	9°♊03'47	19°44'21
asc. node	-380 Jul 06 j 04:10	22°♊21'19	
	-380 Jul 10 j 08:23	0°♋	
morning set	-380 Jul 13 j 23:34	7°♋10'21	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-380 Jul	21 j 23:04	23°♋15'50	1°46'53
minimum elong	-380 Jul	21 j 22:31	23°♋13'06	1°46'52
	-380 Jul	25 j 09:49	0°♌	
max. Earth dist.	-380 Jul	27 j 17:20	4°♌23'32	1.37284 AU
evening rise	-380 Jul	31 j 14:29	11°♌30'53	
	-380 Aug	11 j 13:43	0°♍	
desc. node	-380 Aug	15 j 02:03	5°♍26'33	
	-380 Sep	02 j 13:06	0°♎	
evening max el	-380 Sep	05 j 09:44	2°♎58'09	25°28'08
retrograde	-380 Sep	17 j 11:56	9°♎55'40	
evening set	-380 Sep	23 j 10:08	7°♎26'30	
min. Earth dist.	-380 Sep	27 j 20:29	2°♎31'29	0.66965 AU
inferior conj	-380 Sep	28 j 23:00	1°♎05'52	-1°-5'-20
minimum elong	-380 Sep	29 j 00:38	1°♎00'34	1°04'39
	-380 Sep	29 j 19:32	30°℞♍	
asc. node	-380 Oct	02 j 03:22	27°♍15'43	
morning rise	-380 Oct	04 j 15:46	25°♍06'04	
direct	-380 Oct	07 j 23:33	24°♍02'07	
morning max el	-380 Oct	15 j 04:34	28°♍07'46	19°26'35
	-380 Oct	16 j 21:58	0°♎	
greatest brilliancy	-380 Oct	24 j 09:04	9°♎56'50	-0.7m
	-380 Nov	06 j 13:31	0°♏	
morning set	-380 Nov	08 j 05:55	2°♏36'46	
desc. node	-380 Nov	11 j 01:22	6°♏59'03	
max. Earth dist.	-380 Nov	21 j 14:16	23°♏30'31	1.44518 AU
superior conj	-380 Nov	25 j 01:50	29°♏02'33	-1°-23'-40
minimum elong	-380 Nov	24 j 17:38	28°♏29'50	1°22'51
	-380 Nov	25 j 16:13	0°♐	
evening rise	-380 Dec	09 j 09:30	22°♐25'44	
	-380 Dec	13 j 22:17	0°♑	
evening max el	-380 Dec	28 j 12:40	21°♑34'04	18°25'04
asc. node	-380 Dec	29 j 02:38	22°♑08'24	
retrograde	-379 Jan	04 j 01:32	25°♑08'43	
evening set	-379 Jan	07 j 00:07	24°♑21'27	
inferior conj	-379 Jan	13 j 00:19	18°♑50'31	3°41'42
minimum elong	-379 Jan	12 j 22:29	18°♑55'50	3°41'29
min. Earth dist.	-379 Jan	15 j 05:06	16°♑19'10	0.64152 AU
morning rise	-379 Jan	18 j 19:25	12°♑45'29	
direct	-379 Jan	25 j 17:04	9°♑55'51	
desc. node	-379 Feb	07 j 00:31	16°♑30'28	
morning max el	-379 Feb	08 j 07:03	17°♑44'23	27°28'34
	-379 Feb	18 j 14:18	0°♒	
	-379 Mar	09 j 10:49	0°♓	
morning set	-379 Mar	15 j 07:19	11°♓06'12	
max. Earth dist.	-379 Mar	20 j 07:11	21°♓13'47	1.33475 AU
superior conj	-379 Mar	23 j 06:39	27°♓30'00	0°-39'-11
minimum elong	-379 Mar	23 j 08:32	27°♓39'57	0°38'49
	-379 Mar	24 j 10:48	0°♈	
asc. node	-379 Mar	27 j 01:58	5°♈38'19	
evening rise	-379 Mar	30 j 12:32	12°♈57'03	
	-379 Apr	08 j 06:20	0°♉	
evening max el	-379 Apr	21 j 05:37	17°♉49'01	22°31'02
retrograde	-379 May	04 j 06:53	24°♉14'56	
desc. node	-379 May	05 j 23:41	24°♉08'30	
evening set	-379 May	07 j 08:31	23°♉54'16	
min. Earth dist.	-379 May	15 j 13:34	20°♉20'42	0.55316 AU
inferior conj	-379 May	16 j 16:05	19°♉43'02	-2°-53'-4
minimum elong	-379 May	16 j 09:09	19°♉52'54	2°51'03
morning rise	-379 May	25 j 12:03	15°♉49'14	
direct	-379 May	28 j 07:48	15°♉30'55	
morning max el	-379 Jun	08 j 17:13	20°♉49'26	21°01'50
	-379 Jun	16 j 06:46	0°♊	
asc. node	-379 Jun	23 j 01:15	11°♊29'54	
morning set	-379 Jun	28 j 06:53	21°♊53'04	
	-379 Jul	02 j 04:34	0°♋	

superior conj	-379 Jul	05 j 19:12	7°♋29'56	1°40'36
minimum elong	-379 Jul	05 j 17:22	7°♋20'34	1°40'29
max. Earth dist.	-379 Jul	10 j 02:52	16°♋14'06	1.35562 AU
evening rise	-379 Jul	14 j 09:44	24°♋31'01	
	-379 Jul	17 j 08:58	0°♌	
desc. node	-379 Aug	01 j 23:03	25°♌28'59	
	-379 Aug	05 j 03:00	0°♍	
evening max el	-379 Aug	18 j 21:33	16°♍33'53	26°30'06
retrograde	-379 Aug	31 j 17:33	23°♍46'31	
evening set	-379 Sep	07 j 05:48	21°♍05'27	
min. Earth dist.	-379 Sep	11 j 08:24	16°♍48'02	0.66125 AU
inferior conj	-379 Sep	12 j 22:42	14°♍52'00	-2°-1'-2
minimum elong	-379 Sep	13 j 01:45	14°♍42'46	1°59'52
morning rise	-379 Sep	18 j 22:46	9°♍03'31	
asc. node	-379 Sep	19 j 00:26	9°♍01'14	
direct	-379 Sep	21 j 21:33	8°♍14'19	
morning max el	-379 Sep	28 j 14:51	11°♍57'39	18°38'46
	-379 Oct	11 j 12:58	0°♎	
morning set	-379 Oct	19 j 04:01	12°♎09'11	
desc. node	-379 Oct	28 j 22:25	27°♎39'38	
	-379 Oct	30 j 10:00	0°♏	
superior conj	-379 Nov	04 j 03:32	7°♏26'43	0°-39'-54
minimum elong	-379 Nov	03 j 22:21	7°♏06'20	0°39'15
max. Earth dist.	-379 Nov	04 j 08:28	7°♏46'07	1.45009 AU
	-379 Nov	18 j 10:19	0°♐	
evening rise	-379 Nov	20 j 02:56	2°♐41'43	
	-379 Dec	07 j 19:34	0°♑	
evening max el	-379 Dec	11 j 23:10	4°♑59'52	18°58'57
asc. node	-379 Dec	15 j 23:42	8°♑09'39	
retrograde	-379 Dec	18 j 20:02	8°♑53'57	
evening set	-379 Dec	22 j 00:31	7°♑55'15	
inferior conj	-379 Dec	27 j 18:08	2°♑07'04	3°17'40
minimum elong	-379 Dec	27 j 15:28	2°♑15'24	3°17'05
	-379 Dec	29 j 10:56	30°℞♐	
min. Earth dist.	-379 Dec	29 j 07:42	0°♑09'54	0.65577 AU
morning rise	-378 Jan	02 j 05:29	25°♐56'14	
direct	-378 Jan	08 j 17:56	23°♐06'58	
	-378 Jan	20 j 23:34	0°♑	
morning max el	-378 Jan	21 j 16:46	0°♑42'23	26°39'11
desc. node	-378 Jan	24 j 21:36	4°♑07'40	
	-378 Feb	12 j 14:26	0°♒	
morning set	-378 Feb	26 j 15:13	24°♒27'14	
	-378 Mar	01 j 12:14	0°♓	
max. Earth dist.	-378 Mar	02 j 22:35	2°♓49'41	1.34675 AU
superior conj	-378 Mar	07 j 06:58	11°♓39'47	-1°-5'-20
minimum elong	-378 Mar	07 j 10:01	11°♓55'29	1°04'49
asc. node	-378 Mar	13 j 23:01	25°♓35'51	
evening rise	-378 Mar	14 j 21:44	27°♓33'46	
	-378 Mar	16 j 02:09	0°♈	
evening max el	-378 Apr	03 j 05:03	28°♈42'55	21°02'33
	-378 Apr	04 j 15:04	0°♉	
retrograde	-378 Apr	14 j 20:20	4°♉20'53	
evening set	-378 Apr	17 j 03:21	4°♉08'35	
desc. node	-378 Apr	22 j 20:44	2°♉06'27	
inferior conj	-378 Apr	26 j 10:24	0°♉10'14	-1°-1'-9
minimum elong	-378 Apr	26 j 07:30	0°♉14'20	1°00'07
	-378 Apr	26 j 17:38	30°℞♈	
min. Earth dist.	-378 Apr	27 j 02:31	29°♈47'27	0.55026 AU
morning rise	-378 May	05 j 11:10	26°♈05'56	
direct	-378 May	08 j 18:10	25°♈42'32	
	-378 May	19 j 11:29	0°♉	
morning max el	-378 May	21 j 16:03	1°♉53'24	22°35'38
	-378 Jun	09 j 09:43	0°♊	
asc. node	-378 Jun	09 j 22:19	1°♊02'56	
morning set	-378 Jun	12 j 17:24	6°♊46'50	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-378 Jun 19 j 22:41	22°♊07'03	1°28'25	
minimum elong	-378 Jun 19 j 20:15	21°♊54'11	1°28'09	
max. Earth dist.	-378 Jun 22 j 21:36	28°♊19'11	1.34187 AU	
	-378 Jun 23 j 17:08	0°♋		
evening rise	-378 Jun 27 j 19:41	8°♋15'21		
	-378 Jul 09 j 21:23	0°♌		
desc. node	-378 Jul 19 j 20:04	15°♌04'00		
	-378 Aug 01 j 09:18	0°♍		
evening max el	-378 Aug 01 j 09:21	0°♍00'07	27°11'25	
retrograde	-378 Aug 14 j 17:48	7°♍19'21		
evening set	-378 Aug 21 j 17:08	4°♍34'12		
min. Earth dist.	-378 Aug 25 j 12:38	0°♍54'21	0.64919 AU	
	-378 Aug 26 j 08:20	30°℞♌		
inferior conj	-378 Aug 27 j 15:56	28°♌31'35	-2°-54'-42	
minimum elong	-378 Aug 27 j 20:07	28°♌19'53	2°53'19	
morning rise	-378 Sep 03 j 00:43	22°♌57'47		
direct	-378 Sep 05 j 16:53	22°♌19'48		
asc. node	-378 Sep 05 j 21:32	22°♌20'00		
morning max el	-378 Sep 12 j 05:16	25°♌49'54	18°07'35	
	-378 Sep 15 j 17:49	0°♍		
morning set	-378 Sep 30 j 06:42	23°♍05'50		
	-378 Oct 04 j 10:29	0°♎		
superior conj	-378 Oct 14 j 08:50	16°♎07'14	0°09'29	
minimum elong	-378 Oct 14 j 10:00	16°♎11'54	0°09'19	
behind sun begin	-378 Oct 14 j 01:05	15°♎36'20		
behind sun end	-378 Oct 14 j 18:54	16°♎47'25		
desc. node	-378 Oct 15 j 19:26	18°♎25'03		
max. Earth dist.	-378 Oct 18 j 03:22	22°♎06'40	1.44758 AU	
	-378 Oct 23 j 03:51	0°♏		
evening rise	-378 Oct 30 j 22:06	12°♏04'22		
	-378 Nov 11 j 14:23	0°♐		
greatest brilliancy	-378 Nov 17 j 16:04	8°♐55'27	-0.6m	
evening max el	-378 Nov 25 j 05:35	18°♐27'38	19°49'04	
retrograde	-378 Dec 02 j 17:17	22°♐49'53		
asc. node	-378 Dec 02 j 20:45	22°♐49'46		
evening set	-378 Dec 06 j 05:24	21°♐38'00		
inferior conj	-378 Dec 11 j 18:33	15°♐35'40	2°43'19	
minimum elong	-378 Dec 11 j 15:44	15°♐44'58	2°42'28	
min. Earth dist.	-378 Dec 12 j 18:20	14°♐16'58	0.66614 AU	
morning rise	-378 Dec 17 j 01:26	9°♐21'13		
direct	-378 Dec 23 j 00:33	6°♐43'34		
morning max el	-377 Jan 04 j 01:53	13°♐53'14	25°27'06	
desc. node	-377 Jan 11 j 18:39	22°♐44'42		
	-377 Jan 17 j 05:17	0°♑		
	-377 Feb 05 j 09:19	0°♒		
morning set	-377 Feb 09 j 07:15	6°♒56'37		
max. Earth dist.	-377 Feb 13 j 02:21	13°♒57'45	1.36317 AU	
superior conj	-377 Feb 18 j 22:45	25°♒19'10	-1°-29'-12	
minimum elong	-377 Feb 19 j 02:30	25°♒37'51	1°28'44	
	-377 Feb 21 j 06:42	0°♓		
evening rise	-377 Feb 27 j 02:39	11°♓51'33		
asc. node	-377 Feb 28 j 20:03	15°♓19'37		
	-377 Mar 08 j 19:41	0°♈		
evening max el	-377 Mar 16 j 15:29	10°♈12'22	19°49'33	
retrograde	-377 Mar 26 j 13:46	14°♈57'57		
evening set	-377 Mar 28 j 16:46	14°♈45'50		
inferior conj	-377 Apr 06 j 10:34	10°♈44'09	0°55'39	
minimum elong	-377 Apr 06 j 12:55	10°♈40'30	0°54'50	
min. Earth dist.	-377 Apr 08 j 16:43	9°♈20'38	0.55688 AU	
desc. node	-377 Apr 09 j 17:47	8°♈43'25		
morning rise	-377 Apr 15 j 05:52	6°♈11'46		
direct	-377 Apr 19 j 10:21	5°♈32'55		
morning max el	-377 May 03 j 08:10	12°♈29'18	24°16'29	
	-377 May 16 j 17:39	0°♉		
asc. node	-377 May 27 j 19:21	20°♉53'26		
morning set	-377 May 28 j 05:19	21°♉45'38		
	-377 Jun 01 j 01:43	0°♊		
superior conj	-377 Jun 04 j 06:55	6°♊58'31	1°11'37	
minimum elong	-377 Jun 04 j 04:28	6°♊45'12	1°11'15	
max. Earth dist.	-377 Jun 06 j 01:12	10°♊46'18	1.33200 AU	
evening rise	-377 Jun 11 j 16:11	22°♊31'38		
	-377 Jun 15 j 11:11	0°♋		
	-377 Jul 03 j 16:38	0°♌		
desc. node	-377 Jul 06 j 17:05	3°♌59'30		
evening max el	-377 Jul 14 j 19:32	13°♌04'32	27°25'26	
retrograde	-377 Jul 28 j 12:14	20°♌24'37		
evening set	-377 Aug 04 j 16:54	17°♌47'06		
min. Earth dist.	-377 Aug 08 j 07:27	14°♌40'17	0.63350 AU	
inferior conj	-377 Aug 10 j 23:57	11°♌58'29	-3°-43'-11	
minimum elong	-377 Aug 11 j 04:39	11°♌46'40	3°42'00	
morning rise	-377 Aug 17 j 18:38	6°♌42'31		
direct	-377 Aug 20 j 06:38	6°♌12'32		
asc. node	-377 Aug 23 j 18:36	7°♌12'04		
morning max el	-377 Aug 26 j 21:00	9°♌37'51	17°53'55	
	-377 Sep 09 j 10:31	0°♍		
morning set	-377 Sep 12 j 10:17	5°♍13'42		
superior conj	-377 Sep 24 j 12:11	25°♍54'38	0°52'27	
minimum elong	-377 Sep 24 j 16:59	26°♍14'30	0°51'51	
	-377 Sep 26 j 23:43	0°♎		
max. Earth dist.	-377 Sep 30 j 19:26	6°♎11'51	1.43813 AU	
desc. node	-377 Oct 02 j 16:26	9°♎11'44		
evening rise	-377 Oct 10 j 04:57	20°♎59'03		
	-377 Oct 16 j 02:26	0°♏		
greatest brilliancy	-377 Nov 02 j 16:10	25°♏19'01	-0.5m	
	-377 Nov 06 j 11:55	0°♐		
evening max el	-377 Nov 08 j 06:28	1°♐55'19	20°53'09	
retrograde	-377 Nov 16 j 14:53	6°♐52'15		
asc. node	-377 Nov 19 j 17:49	5°♐56'54		
evening set	-377 Nov 20 j 12:38	5°♐25'11		
	-377 Nov 25 j 09:04	30°℞♏		
inferior conj	-377 Nov 25 j 23:05	29°♏12'09	2°01'15	
minimum elong	-377 Nov 25 j 20:40	29°♏20'26	2°00'22	
min. Earth dist.	-377 Nov 26 j 10:44	28°♏32'18	0.67281 AU	
morning rise	-377 Dec 01 j 04:17	22°♏56'21		
direct	-377 Dec 06 j 12:22	20°♏37'30		
morning max el	-377 Dec 17 j 10:20	27°♏08'20	24°02'15	
	-377 Dec 20 j 02:32	0°♐		
desc. node	-377 Dec 29 j 15:41	12°♐03'37		
	-376 Jan 10 j 21:08	0°♑		
morning set	-376 Jan 22 j 01:23	18°♑17'27		
max. Earth dist.	-376 Jan 25 j 22:00	25°♑03'16	1.38303 AU	
	-376 Jan 28 j 15:38	0°♒		
superior conj	-376 Feb 02 j 02:23	8°♒18'23	-1°-48'-29	
minimum elong	-376 Feb 02 j 05:52	8°♒35'00	1°48'13	
evening rise	-376 Feb 11 j 00:47	25°♒43'19		
	-376 Feb 13 j 05:24	0°♓		
asc. node	-376 Feb 15 j 17:06	4°♓44'13		
evening max el	-376 Feb 27 j 12:38	22°♓20'01	18°55'49	
retrograde	-376 Mar 06 j 21:57	26°♓22'53		
evening set	-376 Mar 09 j 04:29	26°♓06'17		
inferior conj	-376 Mar 17 j 04:00	21°♓49'25	2°27'34	
minimum elong	-376 Mar 17 j 08:26	21°♓41'31	2°26'22	
min. Earth dist.	-376 Mar 20 j 08:57	19°♓33'07	0.57154 AU	
morning rise	-376 Mar 25 j 08:10	16°♓44'21		
desc. node	-376 Mar 26 j 14:49	16°♓15'57		
direct	-376 Mar 30 j 16:02	15°♓36'17		
morning max el	-376 Apr 13 j 23:14	23°♓02'18	25°50'24	
	-376 Apr 20 j 04:29	0°♈		
	-376 May 08 j 10:20	0°♉		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-376 May 11 j 17:00	6°♉44'05	
asc. node	-376 May 13 j 16:23	10°♉56'02	
superior conj	-376 May 18 j 17:51	21°♉57'32	0°51'13
minimum elong	-376 May 18 j 15:49	21°♉46'26	0°50'50
max. Earth dist.	-376 May 19 j 11:08	23°♉32'04	1.32595 AU
	-376 May 22 j 10:38	0°♊	
evening rise	-376 May 25 j 20:01	7°♊09'52	
	-376 Jun 06 j 23:16	0°♋	
desc. node	-376 Jun 22 j 14:06	21°♋59'01	
evening max el	-376 Jun 26 j 01:59	25°♋35'38	27°07'30
	-376 Jul 01 j 13:23	0°♌	
retrograde	-376 Jul 09 j 23:54	2°♌53'14	
evening set	-376 Jul 17 j 01:03	0°♌37'27	
	-376 Jul 17 j 23:30	30°℞♋	
min. Earth dist.	-376 Jul 20 j 16:08	27°♋53'15	0.61472 AU
inferior conj	-376 Jul 23 j 19:42	25°♋05'42	-4°-21'-31
minimum elong	-376 Jul 23 j 23:35	24°♋57'01	4°20'55
morning rise	-376 Jul 31 j 01:00	20°♋10'23	
direct	-376 Aug 02 j 11:24	19°♋45'42	
morning max el	-376 Aug 09 j 11:06	23°♋14'50	17°58'48
asc. node	-376 Aug 09 j 15:37	23°♋25'57	
	-376 Aug 14 j 19:39	0°♌	
morning set	-376 Aug 25 j 08:51	18°♌16'38	
	-376 Aug 31 j 19:25	0°♍	
superior conj	-376 Sep 04 j 19:05	7°♍03'40	1°22'57
minimum elong	-376 Sep 04 j 23:42	7°♍23'49	1°22'30
max. Earth dist.	-376 Sep 12 j 06:45	19°♍47'07	1.42303 AU
evening rise	-376 Sep 18 j 17:39	0°♎13'29	
desc. node	-376 Sep 18 j 13:27	29°♍56'51	
	-376 Sep 18 j 14:15	0°♎	
	-376 Oct 08 j 16:53	0°♏	
greatest brilliancy	-376 Oct 16 j 08:12	10°♏03'42	-0.3m
evening max el	-376 Oct 21 j 01:39	15°♏24'04	22°07'32
retrograde	-376 Oct 30 j 10:52	20°♏58'52	
evening set	-376 Nov 03 j 20:25	19°♏14'40	
asc. node	-376 Nov 05 j 14:51	17°♏33'37	
inferior conj	-376 Nov 09 j 05:46	12°♏54'37	1°13'25
minimum elong	-376 Nov 09 j 04:08	13°♏00'14	1°12'46
min. Earth dist.	-376 Nov 09 j 06:27	12°♏52'15	0.67610 AU
morning rise	-376 Nov 14 j 11:39	6°♏39'56	
direct	-376 Nov 19 j 04:32	4°♏43'15	
morning max el	-376 Nov 28 j 20:45	10°♏27'31	22°34'34
greatest brilliancy	-376 Dec 03 j 11:51	15°♏38'45	-0.3m
	-376 Dec 14 j 05:23	0°♐	
desc. node	-376 Dec 15 j 12:43	1°♐52'37	
morning set	-375 Jan 01 j 15:38	28°♐14'54	
	-375 Jan 02 j 17:14	0°♑	
max. Earth dist.	-375 Jan 06 j 17:51	6°♑44'17	1.40426 AU
superior conj	-375 Jan 14 j 13:15	20°♑25'36	-1°-59'-53
minimum elong	-375 Jan 14 j 14:48	20°♑32'38	1°59'52
	-375 Jan 19 j 18:09	0°♒	
evening rise	-375 Jan 24 j 13:06	9°♒01'21	
asc. node	-375 Feb 01 j 14:08	23°♒42'35	
	-375 Feb 05 j 14:38	0°♓	
evening max el	-375 Feb 09 j 17:55	4°♓58'24	18°22'05
retrograde	-375 Feb 17 j 00:57	8°♓34'47	
evening set	-375 Feb 19 j 12:17	8°♓11'01	
inferior conj	-375 Feb 26 j 18:25	3°♓33'17	3°24'00
minimum elong	-375 Feb 26 j 21:42	3°♓26'26	3°23'28
min. Earth dist.	-375 Mar 02 j 04:45	0°♓43'12	0.59112 AU
	-375 Mar 03 j 03:15	30°℞♒	
morning rise	-375 Mar 06 j 03:29	28°♒02'00	
direct	-375 Mar 12 j 10:50	26°♒16'34	
desc. node	-375 Mar 13 j 11:52	26°♒19'25	
	-375 Mar 22 j 03:04	0°♓	
morning max el	-375 Mar 26 j 18:21	3°♓57'56	27°02'23
	-375 Apr 14 j 19:05	0°♈	
morning set	-375 Apr 26 j 02:44	21°♈35'10	
	-375 Apr 30 j 01:25	0°♉	
asc. node	-375 Apr 30 j 13:24	1°♉05'07	
superior conj	-375 May 03 j 05:36	6°♉56'31	0°27'59
minimum elong	-375 May 03 j 04:23	6°♉49'51	0°27'43
max. Earth dist.	-375 May 02 j 23:55	6°♉25'19	1.32358 AU
evening rise	-375 May 10 j 04:32	22°♉00'11	
	-375 May 14 j 02:28	0°♊	
	-375 Jun 01 j 11:23	0°♋	
evening max el	-375 Jun 08 j 02:18	7°♋22'48	26°16'49
desc. node	-375 Jun 09 j 11:07	8°♋38'01	
retrograde	-375 Jun 22 j 03:02	14°♋36'27	
evening set	-375 Jun 28 j 12:53	12°♋54'46	
min. Earth dist.	-375 Jul 02 j 15:17	10°♋17'14	0.59425 AU
inferior conj	-375 Jul 05 j 23:28	7°♋42'40	-4°-41'-52
minimum elong	-375 Jul 06 j 00:37	7°♋40'26	4°41'51
morning rise	-375 Jul 13 j 15:47	3°♋09'58	
direct	-375 Jul 16 j 02:56	2°♋48'40	
morning max el	-375 Jul 23 j 20:31	6°♋31'33	18°23'26
asc. node	-375 Jul 27 j 12:38	10°♋45'21	
	-375 Aug 07 j 20:01	0°♌	
morning set	-375 Aug 08 j 21:04	1°♌59'28	
superior conj	-375 Aug 18 j 01:59	19°♌24'00	1°40'34
minimum elong	-375 Aug 18 j 04:37	19°♌36'09	1°40'24
	-375 Aug 23 j 23:40	0°♍	
max. Earth dist.	-375 Aug 25 j 13:03	2°♍42'15	1.40414 AU
evening rise	-375 Aug 30 j 02:47	10°♍25'37	
desc. node	-375 Sep 05 j 10:28	20°♍36'32	
	-375 Sep 11 j 13:48	0°♎	
evening max el	-375 Oct 03 j 16:13	28°♎55'24	23°27'19
	-375 Oct 04 j 18:50	0°♏	
retrograde	-375 Oct 14 j 04:00	5°♏07'15	
evening set	-375 Oct 19 j 03:09	3°♏04'44	
	-375 Oct 22 j 01:01	30°℞♎	
asc. node	-375 Oct 23 j 11:52	28°♎06'16	
min. Earth dist.	-375 Oct 24 j 03:01	27°♎14'45	0.67615 AU
inferior conj	-375 Oct 24 j 12:46	26°♎41'23	0°21'27
minimum elong	-375 Oct 24 j 12:16	26°♎43'07	0°21'14
morning rise	-375 Oct 29 j 21:27	20°♎30'27	
direct	-375 Nov 03 j 00:05	18°♎56'10	
morning max el	-375 Nov 11 j 12:50	23°♎55'31	21°12'23
	-375 Nov 16 j 19:15	0°♏	
greatest brilliancy	-375 Nov 16 j 21:21	0°♏06'42	-0.5m
desc. node	-375 Dec 02 j 09:45	22°♏03'27	
	-375 Dec 07 j 15:13	0°♐	
morning set	-375 Dec 12 j 01:56	6°♐54'33	
max. Earth dist.	-375 Dec 19 j 20:37	19°♐22'37	1.42389 AU
	-375 Dec 26 j 05:20	0°♑	
superior conj	-375 Dec 27 j 01:57	1°♑27'58	-1°-59'-11
minimum elong	-375 Dec 26 j 23:30	1°♑17'31	1°59'08
evening rise	-374 Jan 07 j 11:58	21°♑38'17	
	-374 Jan 12 j 03:41	0°♒	
asc. node	-374 Jan 19 j 11:11	12°♒06'33	
evening max el	-374 Jan 24 j 04:15	17°♒58'57	18°08'09
retrograde	-374 Jan 30 j 20:41	21°♒24'42	
evening set	-374 Feb 02 j 12:12	20°♒52'36	
inferior conj	-374 Feb 09 j 04:08	15°♒52'56	3°48'42
minimum elong	-374 Feb 09 j 05:08	15°♒50'32	3°48'39
min. Earth dist.	-374 Feb 12 j 07:10	12°♒53'37	0.61207 AU
morning rise	-374 Feb 15 j 19:24	10°♒03'44	
direct	-374 Feb 22 j 16:12	7°♒43'49	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-374 Feb 28 j 08:54	9°♒10'14	
morning max el	-374 Mar 08 j 19:54	15°♒32'57	27°41'26
	-374 Mar 20 j 15:12	0°♓	
	-374 Apr 07 j 06:34	0°♈	
morning set	-374 Apr 10 j 08:41	6°♈12'33	
max. Earth dist.	-374 Apr 16 j 11:44	19°♈12'44	1.32483 AU
asc. node	-374 Apr 17 j 10:28	21°♈16'34	
superior conj	-374 Apr 17 j 16:33	21°♈49'49	0°02'42
minimum elong	-374 Apr 17 j 16:25	21°♈49'08	0°02'40
behind sun begin	-374 Apr 17 j 11:25	21°♈21'45	
behind sun end	-374 Apr 17 j 21:26	22°♈16'32	
	-374 Apr 21 j 10:19	0°♉	
evening rise	-374 Apr 24 j 15:38	6°♉55'12	
	-374 May 06 j 19:23	0°♊	
evening max el	-374 May 20 j 19:55	18°♊26'13	24°58'49
desc. node	-374 May 27 j 08:08	23°♊24'50	
retrograde	-374 Jun 03 j 19:45	25°♊32'46	
evening set	-374 Jun 09 j 01:42	24°♊29'42	
min. Earth dist.	-374 Jun 14 j 07:29	21°♊41'12	0.57454 AU
inferior conj	-374 Jun 17 j 08:02	19°♊40'05	-4°-32'-55
minimum elong	-374 Jun 17 j 04:43	19°♊45'40	4°32'37
morning rise	-374 Jun 25 j 11:35	15°♊29'21	
direct	-374 Jun 28 j 00:56	15°♊10'21	
morning max el	-374 Jul 06 j 22:20	19°♊19'21	19°08'48
asc. node	-374 Jul 14 j 09:41	28°♊56'12	
	-374 Jul 15 j 01:24	0°♋	
morning set	-374 Jul 23 j 18:55	16°♋11'28	
	-374 Jul 30 j 18:18	0°♌	
superior conj	-374 Aug 01 j 03:12	2°♌39'47	1°47'11
minimum elong	-374 Aug 01 j 03:40	2°♌42'06	1°47'10
max. Earth dist.	-374 Aug 07 j 16:12	14°♌56'12	1.38399 AU
evening rise	-374 Aug 11 j 12:52	21°♌48'24	
	-374 Aug 16 j 08:38	0°♍	
desc. node	-374 Aug 23 j 07:29	11°♍06'18	
	-374 Sep 05 j 12:19	0°♎	
evening max el	-374 Sep 16 j 04:06	12°♎29'32	24°46'06
retrograde	-374 Sep 27 j 17:15	19°♎13'12	
evening set	-374 Oct 03 j 07:06	16°♎52'47	
min. Earth dist.	-374 Oct 07 j 22:06	11°♎37'19	0.67298 AU
inferior conj	-374 Oct 08 j 18:23	10°♎29'59	0°-33'-13
minimum elong	-374 Oct 08 j 19:12	10°♎27'16	0°32'53
asc. node	-374 Oct 10 j 08:55	8°♎24'40	
morning rise	-374 Oct 14 j 07:44	4°♎25'31	
direct	-374 Oct 17 j 21:44	3°♎11'34	
morning max el	-374 Oct 25 j 12:30	7°♎33'57	20°01'12
greatest brilliancy	-374 Nov 01 j 18:30	16°♎26'53	-0.6m
	-374 Nov 11 j 02:08	0°♏	
desc. node	-374 Nov 19 j 06:48	12°♏29'25	
morning set	-374 Nov 20 j 22:33	15°♏02'45	
	-374 Nov 30 j 11:55	0°♐	
max. Earth dist.	-374 Dec 02 j 06:59	2°♐51'24	1.43915 AU
superior conj	-374 Dec 07 j 12:02	11°♐15'42	-1°-41'-57
minimum elong	-374 Dec 07 j 05:00	10°♐47'03	1°41'25
	-374 Dec 18 j 17:10	0°♑	
evening rise	-374 Dec 20 j 17:08	3°♑25'24	
asc. node	-373 Jan 06 j 08:15	29°♑45'19	
	-373 Jan 06 j 13:21	0°♒	
evening max el	-373 Jan 07 j 16:39	1°♒13'21	18°13'29
retrograde	-373 Jan 14 j 04:29	4°♒41'49	
evening set	-373 Jan 17 j 00:12	4°♒00'29	
	-373 Jan 21 j 23:27	30°℞♑	
inferior conj	-373 Jan 23 j 05:17	28°♑40'16	3°49'25
minimum elong	-373 Jan 23 j 04:16	28°♑43'02	3°49'22
min. Earth dist.	-373 Jan 25 j 18:48	25°♑53'52	0.63161 AU
morning rise	-373 Jan 29 j 06:31	22°♑39'30	
direct	-373 Feb 05 j 06:14	19°♑56'27	
desc. node	-373 Feb 15 j 05:58	24°♑19'26	
morning max el	-373 Feb 19 j 02:47	27°♑47'59	27°43'26
	-373 Feb 21 j 05:34	0°♒	
	-373 Mar 14 j 08:13	0°♓	
morning set	-373 Mar 25 j 08:33	20°♓28'08	
	-373 Mar 29 j 23:38	0°♈	
max. Earth dist.	-373 Mar 30 j 18:26	1°♈39'32	1.32988 AU
superior conj	-373 Apr 02 j 00:58	6°♈31'09	0°-23'-49
minimum elong	-373 Apr 02 j 02:06	6°♈37'15	0°23'34
asc. node	-373 Apr 04 j 07:33	11°♈25'55	
evening rise	-373 Apr 09 j 03:26	21°♈47'48	
	-373 Apr 13 j 03:20	0°♉	
evening max el	-373 May 02 j 10:26	29°♉03'07	23°25'40
	-373 May 03 j 10:50	0°♊	
desc. node	-373 May 14 j 05:09	5°♊42'57	
retrograde	-373 May 16 j 00:32	5°♊50'24	
evening set	-373 May 19 j 19:44	5°♊18'39	
min. Earth dist.	-373 May 26 j 20:41	2°♊04'49	0.55885 AU
inferior conj	-373 May 28 j 20:38	0°♊53'40	-3°-42'-38
minimum elong	-373 May 28 j 13:44	1°♊03'56	3°41'04
	-373 May 30 j 09:09	30°℞♉	
morning rise	-373 Jun 06 j 11:12	26°♉57'54	
direct	-373 Jun 09 j 03:33	26°♉40'13	
	-373 Jun 17 j 19:47	0°♊	
morning max el	-373 Jun 19 j 14:09	1°♊29'59	20°15'04
asc. node	-373 Jul 01 j 06:46	17°♊46'42	
morning set	-373 Jul 07 j 23:30	0°♋45'08	
	-373 Jul 07 j 14:36	0°♋	
superior conj	-373 Jul 15 j 17:39	16°♋36'43	1°45'02
minimum elong	-373 Jul 15 j 16:29	16°♋30'49	1°45'00
max. Earth dist.	-373 Jul 20 j 21:25	26°♋46'35	1.36508 AU
	-373 Jul 22 j 14:06	0°♌	
evening rise	-373 Jul 24 j 21:27	4°♌17'04	
	-373 Aug 09 j 06:59	0°♍	
desc. node	-373 Aug 10 j 04:31	1°♍21'02	
evening max el	-373 Aug 29 j 15:29	26°♍06'01	25°56'27
	-373 Sep 03 j 04:19	0°♎	
retrograde	-373 Sep 11 j 02:03	3°♎11'55	
evening set	-373 Sep 17 j 06:28	0°♎36'39	
	-373 Sep 17 j 22:50	30°℞♍	
min. Earth dist.	-373 Sep 21 j 13:20	25°♍57'38	0.66650 AU
inferior conj	-373 Sep 22 j 20:50	24°♍18'23	-1°-29'-2
minimum elong	-373 Sep 22 j 23:05	24°♍11'19	1°28'09
asc. node	-373 Sep 27 j 05:58	19°♍26'19	
morning rise	-373 Sep 28 j 16:33	18°♍23'13	
direct	-373 Oct 01 j 20:07	17°♍26'11	
morning max el	-373 Oct 08 j 19:28	21°♍21'23	19°04'16
	-373 Oct 15 j 16:47	0°♎	
morning set	-373 Oct 31 j 06:08	23°♎50'36	
	-373 Nov 04 j 04:23	0°♏	
desc. node	-373 Nov 06 j 03:51	3°♏06'03	
max. Earth dist.	-373 Nov 14 j 22:45	16°♏53'51	1.44815 AU
superior conj	-373 Nov 16 j 21:51	19°♏59'42	-1°-6'-35
minimum elong	-373 Nov 16 j 14:09	19°♏29'17	1°05'43
	-373 Nov 23 j 04:53	0°♐	
evening rise	-373 Dec 02 j 00:23	14°♐15'46	
	-373 Dec 11 j 16:21	0°♑	
evening max el	-373 Dec 22 j 04:32	14°♑36'24	18°37'19
asc. node	-373 Dec 24 j 05:17	16°♑26'22	
retrograde	-373 Dec 28 j 20:05	18°♑18'27	
evening set	-373 Dec 31 j 20:53	17°♑26'41	
inferior conj	-372 Jan 06 j 18:01	11°♑48'08	3°32'58

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-372 Jan 06 j 15:44	11°♑54'58	3°32'35	
min. Earth dist.	-372 Jan 08 j 16:17	9°♑30'07	0.64807 AU	
morning rise	-372 Jan 12 j 09:21	5°♑40'02		
direct	-372 Jan 19 j 03:41	2°♑48'42		
morning max el	-372 Feb 01 j 12:14	10°♑34'00	27°10'48	
desc. node	-372 Feb 02 j 03:03	11°♑11'31		
	-372 Feb 16 j 21:45	0°♒		
	-372 Mar 05 j 18:36	0°♓		
morning set	-372 Mar 07 j 23:22	4°♓12'32		
max. Earth dist.	-372 Mar 12 j 16:05	13°♓34'15	1.33924 AU	
superior conj	-372 Mar 16 j 04:55	20°♓54'30	0°-50'-28	
minimum elong	-372 Mar 16 j 07:19	21°♓07'07	0°50'00	
	-372 Mar 20 j 11:51	0°♈		
asc. node	-372 Mar 21 j 04:36	1°♈28'55		
evening rise	-372 Mar 23 j 14:07	6°♈31'53		
	-372 Apr 05 j 08:09	0°♉		
evening max el	-372 Apr 13 j 04:54	9°♉43'19	21°51'57	
retrograde	-372 Apr 25 j 17:47	15°♉50'45		
evening set	-372 Apr 28 j 09:04	15°♉35'14		
desc. node	-372 Apr 30 j 02:12	15°♉09'29		
inferior conj	-372 May 07 j 18:19	11°♉31'22	-2°-8'-29	
minimum elong	-372 May 07 j 12:35	11°♉39'26	2°06'35	
min. Earth dist.	-372 May 07 j 09:41	11°♉43'29	0.55064 AU	
morning rise	-372 May 16 j 17:14	7°♉35'16		
direct	-372 May 19 j 16:25	7°♉15'45		
morning max el	-372 May 31 j 18:50	12°♉57'24	21°40'16	
	-372 Jun 13 j 07:49	0°♊		
asc. node	-372 Jun 17 j 03:51	7°♊06'25		
morning set	-372 Jun 21 j 08:23	15°♊32'59		
	-372 Jun 28 j 05:26	0°♋		
superior conj	-372 Jun 28 j 17:16	1°♋01'50	1°36'05	
minimum elong	-372 Jun 28 j 15:07	0°♋50'36	1°35'54	
max. Earth dist.	-372 Jul 02 j 10:22	8°♋40'02	1.34923 AU	
evening rise	-372 Jul 06 j 23:30	17°♋37'48		
	-372 Jul 13 j 17:28	0°♌		
desc. node	-372 Jul 27 j 01:31	21°♌13'07		
	-372 Aug 02 j 13:28	0°♍		
evening max el	-372 Aug 11 j 03:20	9°♍39'00	26°50'39	
retrograde	-372 Aug 24 j 05:38	16°♍56'03		
evening set	-372 Aug 30 j 22:56	14°♍12'08		
min. Earth dist.	-372 Sep 03 j 22:22	10°♍10'42	0.65655 AU	
inferior conj	-372 Sep 05 j 18:05	8°♍02'33	-2°-24'-12	
minimum elong	-372 Sep 05 j 21:40	7°♍52'02	2°22'55	
morning rise	-372 Sep 11 j 21:42	2°♍19'44		
asc. node	-372 Sep 13 j 03:02	1°♍49'57		
direct	-372 Sep 14 j 17:15	1°♍35'51		
morning max el	-372 Sep 21 j 07:48	5°♍12'53	18°23'18	
	-372 Oct 08 j 05:35	0°♎		
morning set	-372 Oct 10 j 16:22	3°♎58'57		
desc. node	-372 Oct 23 j 00:53	23°♎48'58		
superior conj	-372 Oct 25 j 22:17	28°♎23'12	0°-18'-51	
minimum elong	-372 Oct 25 j 19:48	28°♎13'25	0°18'33	
	-372 Oct 26 j 22:51	0°♏		
max. Earth dist.	-372 Oct 27 j 17:03	1°♏11'39	1.44995 AU	
evening rise	-372 Nov 11 j 07:40	24°♏06'49		
	-372 Nov 15 j 01:36	0°♐		
greatest brilliancy	-372 Nov 25 j 00:27	15°♐24'46	-0.7m	
evening max el	-372 Dec 04 j 13:33	28°♐03'36	19°18'28	
	-372 Dec 06 j 16:04	0°♑		
asc. node	-372 Dec 10 j 02:19	1°♑54'52		
retrograde	-372 Dec 11 j 16:00	2°♑08'36		
evening set	-372 Dec 14 j 23:28	1°♑04'39		
	-372 Dec 16 j 09:11	30°℞♐		
inferior conj	-372 Dec 20 j 14:58	25°♐10'22	3°04'10	
minimum elong	-372 Dec 20 j 12:10	25°♐19'22	3°03'27	
min. Earth dist.	-372 Dec 21 j 22:34	23°♐29'01	0.66069 AU	
morning rise	-372 Dec 26 j 00:02	18°♐57'44		
direct	-371 Jan 01 j 07:18	16°♐11'54		
morning max el	-371 Jan 13 j 21:39	23°♐38'17	26°10'36	
desc. node	-371 Jan 19 j 00:07	29°♐16'49		
	-371 Jan 19 j 14:28	0°♑		
	-371 Feb 09 j 06:16	0°♒		
morning set	-371 Feb 19 j 01:12	17°♒13'51		
max. Earth dist.	-371 Feb 23 j 02:05	24°♒55'08	1.35318 AU	
	-371 Feb 25 j 15:55	0°♓		
superior conj	-371 Feb 28 j 02:01	4°♓53'00	-1°-15'-52	
minimum elong	-371 Feb 28 j 05:26	5°♓10'26	1°15'20	
evening rise	-371 Mar 07 j 21:47	21°♓01'34		
asc. node	-371 Mar 08 j 01:39	21°♓21'25		
	-371 Mar 12 j 09:34	0°♈		
evening max el	-371 Mar 26 j 09:01	20°♈52'14	20°29'22	
retrograde	-371 Apr 06 j 06:54	26°♈06'51		
evening set	-371 Apr 08 j 10:46	25°♈55'23		
desc. node	-371 Apr 16 j 23:14	22°♈18'30		
inferior conj	-371 Apr 17 j 13:23	21°♈57'59	0°-10'-6	
minimum elong	-371 Apr 17 j 12:55	21°♈58'40	0°09'57	
transit middle	-371 Apr 17 j 12:55	21°♈58'40	0°09'57	
transit begin	-371 Apr 17 j 09:46	22°♈03'16		
transit end	-371 Apr 17 j 16:05	21°♈54'05		
min. Earth dist.	-371 Apr 18 j 23:17	21°♈08'47	0.55193 AU	
morning rise	-371 Apr 26 j 13:10	17°♈43'10		
direct	-371 Apr 30 j 04:23	17°♈14'32		
morning max el	-371 May 13 j 14:04	23°♈46'41	23°18'23	
	-371 May 19 j 04:29	0°♉		
asc. node	-371 Jun 04 j 00:55	26°♉47'41		
morning set	-371 Jun 05 j 19:42	0°♊29'26		
	-371 Jun 05 j 14:04	0°♊		
superior conj	-371 Jun 12 j 23:03	15°♊45'48	1°21'48	
minimum elong	-371 Jun 12 j 20:33	15°♊32'22	1°21'29	
max. Earth dist.	-371 Jun 15 j 09:07	20°♊54'24	1.33721 AU	
	-371 Jun 19 j 18:58	0°♋		
evening rise	-371 Jun 20 j 14:26	1°♋37'19		
	-371 Jul 06 j 15:35	0°♌		
desc. node	-371 Jul 13 j 22:31	10°♌32'49		
evening max el	-371 Jul 24 j 14:56	22°♌58'11	27°21'08	
	-371 Aug 04 j 16:16	0°♍		
retrograde	-371 Aug 07 j 03:25	0°♍17'47		
	-371 Aug 09 j 12:31	30°℞♌		
evening set	-371 Aug 14 j 05:46	27°♌34'41		
min. Earth dist.	-371 Aug 17 j 22:54	24°♌09'25	0.64296 AU	
inferior conj	-371 Aug 20 j 07:44	21°♌37'37	-3°-16'-9	
minimum elong	-371 Aug 20 j 12:16	21°♌25'31	3°14'48	
morning rise	-371 Aug 26 j 20:36	16°♌10'40		
direct	-371 Aug 29 j 10:42	15°♌36'22		
asc. node	-371 Aug 31 j 00:06	15°♌48'55		
morning max el	-371 Sep 04 j 23:01	19°♌03'29	17°59'29	
	-371 Sep 13 j 00:42	0°♍		
morning set	-371 Sep 22 j 06:23	15°♍28'12		
	-371 Sep 30 j 21:56	0°♎		
superior conj	-371 Oct 05 j 11:20	7°♎27'27	0°29'01	
minimum elong	-371 Oct 05 j 14:34	7°♎40'32	0°28'35	
desc. node	-371 Oct 09 j 21:52	14°♎35'04		
max. Earth dist.	-371 Oct 10 j 11:14	15°♎28'15	1.44444 AU	
	-371 Oct 19 j 17:47	0°♏		
evening rise	-371 Oct 21 j 19:43	3°♏12'49		
	-371 Nov 08 j 15:52	0°♐		
greatest brilliancy	-371 Nov 11 j 04:09	3°♐29'52	-0.6m	
evening max el	-371 Nov 17 j 17:48	11°♐31'43	20°14'52	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

retrograde	-371 Nov 25 j 13:30	16°♐07'33	
asc. node	-371 Nov 26 j 23:21	15°♐56'12	
evening set	-371 Nov 29 j 05:33	14°♐49'21	
inferior conj	-371 Dec 04 j 17:22	8°♐42'14	2°26'15
minimum elong	-371 Dec 04 j 14:40	8°♐51'20	2°25'22
min. Earth dist.	-371 Dec 05 j 11:49	7°♐40'12	0.66948 AU
morning rise	-371 Dec 09 j 23:15	2°♐27'12	
	-371 Dec 14 j 19:39	30°℞♏	
direct	-371 Dec 15 j 16:12	29°♏56'52	
	-371 Dec 16 j 13:10	0°♐	
morning max el	-371 Dec 27 j 06:06	6°♐50'34	24°51'55
desc. node	-370 Jan 05 j 21:08	18°♐13'08	
	-370 Jan 14 j 07:14	0°♑	
morning set	-370 Feb 01 j 08:38	29°♑15'39	
	-370 Feb 01 j 18:37	0°♒	
max. Earth dist.	-370 Feb 05 j 01:42	5°♒58'15	1.37134 AU
superior conj	-370 Feb 11 j 13:06	18°♒16'39	-1°-38'-7
minimum elong	-370 Feb 11 j 16:54	18°♒35'13	1°37'43
	-370 Feb 17 j 10:31	0°♓	
evening rise	-370 Feb 20 j 00:07	5°♓09'06	
asc. node	-370 Feb 22 j 22:41	10°♓57'41	
	-370 Mar 06 j 13:43	0°♈	
evening max el	-370 Mar 09 j 00:14	2°♈38'07	19°24'13
retrograde	-370 Mar 18 j 05:25	7°♈03'35	
evening set	-370 Mar 20 j 09:44	6°♈49'50	
inferior conj	-370 Mar 28 j 19:53	2°♈42'31	1°38'48
minimum elong	-370 Mar 28 j 23:36	2°♈36'26	1°37'37
min. Earth dist.	-370 Mar 31 j 13:51	0°♈55'11	0.56235 AU
	-370 Apr 02 j 02:00	30°℞♓	
desc. node	-370 Apr 03 j 20:18	29°♓02'12	
morning rise	-370 Apr 06 j 09:43	27°♓56'24	
direct	-370 Apr 11 j 01:50	27°♓06'46	
	-370 Apr 19 j 20:43	0°♈	
morning max el	-370 Apr 25 j 04:48	4°♈16'50	24°58'14
	-370 May 13 j 11:37	0°♉	
morning set	-370 May 21 j 07:41	15°♉28'19	
asc. node	-370 May 21 j 21:57	16°♉43'37	
superior conj	-370 May 28 j 08:38	0°♊40'31	1°03'22
minimum elong	-370 May 28 j 06:18	0°♊27'50	1°02'57
	-370 May 28 j 01:11	0°♊	
max. Earth dist.	-370 May 29 j 15:59	3°♊30'51	1.32901 AU
evening rise	-370 Jun 04 j 14:23	16°♊03'31	
	-370 Jun 11 j 18:45	0°♋	
desc. node	-370 Jun 30 j 19:33	29°♋06'28	
	-370 Jul 01 j 13:26	0°♌	
evening max el	-370 Jul 06 j 23:58	5°♌49'50	27°21'53
retrograde	-370 Jul 20 j 18:46	13°♌08'12	
evening set	-370 Jul 27 j 23:23	10°♌38'16	
min. Earth dist.	-370 Jul 31 j 13:17	7°♌42'51	0.62585 AU
inferior conj	-370 Aug 03 j 10:56	4°♌56'53	-4°-1'-6
minimum elong	-370 Aug 03 j 15:30	4°♌45'59	4°00'08
	-370 Aug 09 j 23:17	30°℞♋	
morning rise	-370 Aug 10 j 10:03	29°♋49'18	
direct	-370 Aug 12 j 21:12	29°♋21'42	
	-370 Aug 15 j 17:55	0°♌	
asc. node	-370 Aug 17 j 21:09	1°♌17'15	
morning max el	-370 Aug 19 j 14:23	2°♌47'13	17°53'44
morning set	-370 Sep 04 j 18:49	28°♌01'46	
	-370 Sep 05 j 21:18	0°♍	
superior conj	-370 Sep 16 j 02:30	17°♍49'53	1°07'02
minimum elong	-370 Sep 16 j 07:35	18°♍11'23	1°06'27
max. Earth dist.	-370 Sep 23 j 02:11	29°♍25'12	1.43232 AU
	-370 Sep 23 j 10:46	0°♎	
desc. node	-370 Sep 26 j 18:52	5°♎21'28	

evening rise	-370 Oct 01 j 02:53	12°♎10'37	
	-370 Oct 12 j 21:03	0°♏	
greatest brilliancy	-370 Oct 26 j 14:15	19°♏07'41	-0.4m
evening max el	-370 Oct 31 j 16:15	25°♏00'06	21°23'43
	-370 Nov 07 j 20:37	0°♐	
retrograde	-370 Nov 09 j 10:38	0°♐12'41	
	-370 Nov 10 j 23:21	30°℞♏	
evening set	-370 Nov 13 j 13:16	28°♏38'18	
asc. node	-370 Nov 13 j 20:23	28°♏24'03	
inferior conj	-370 Nov 18 j 23:03	22°♏21'43	1°41'33
minimum elong	-370 Nov 18 j 20:56	22°♏29'03	1°40'45
min. Earth dist.	-370 Nov 19 j 05:50	21°♏58'22	0.67465 AU
morning rise	-370 Nov 24 j 04:18	16°♏06'18	
direct	-370 Nov 29 j 05:49	13°♏56'56	
morning max el	-370 Dec 09 j 15:08	20°♏07'54	23°24'49
greatest brilliancy	-370 Dec 15 j 04:33	26°♏24'24	-0.2m
	-370 Dec 18 j 00:42	0°♐	
desc. node	-370 Dec 23 j 18:09	7°♐46'05	
	-369 Jan 07 j 12:39	0°♑	
morning set	-369 Jan 13 j 15:29	10°♑02'13	
max. Earth dist.	-369 Jan 17 j 21:00	17°♑17'20	1.39214 AU
	-369 Jan 24 j 22:21	0°♒	
superior conj	-369 Jan 25 j 10:13	0°♒55'09	-1°-54'-30
minimum elong	-369 Jan 25 j 13:08	1°♒08'44	1°54'22
evening rise	-369 Feb 03 j 18:30	18°♒47'41	
asc. node	-369 Feb 09 j 19:42	0°♓11'55	
	-369 Feb 09 j 17:03	0°♓	
evening max el	-369 Feb 20 j 01:06	14°♓59'09	18°38'53
retrograde	-369 Feb 27 j 21:54	18°♓49'05	
evening set	-369 Mar 02 j 06:26	18°♓29'41	
inferior conj	-369 Mar 09 j 22:12	14°♓03'55	2°55'49
minimum elong	-369 Mar 10 j 02:25	13°♓55'52	2°54'52
min. Earth dist.	-369 Mar 13 j 07:09	11°♓30'35	0.57952 AU
morning rise	-369 Mar 17 j 18:21	8°♓46'25	
desc. node	-369 Mar 21 j 17:20	7°♓31'30	
direct	-369 Mar 23 j 12:56	7°♓23'11	
morning max el	-369 Apr 06 j 21:18	14°♓56'50	26°24'34
	-369 Apr 18 j 23:27	0°♈	
morning set	-369 May 05 j 18:45	0°♉24'04	
	-369 May 05 j 14:09	0°♉	
asc. node	-369 May 08 j 18:59	6°♉49'13	
superior conj	-369 May 12 j 20:05	15°♉39'39	0°41'39
minimum elong	-369 May 12 j 18:22	15°♉30'12	0°41'17
max. Earth dist.	-369 May 13 j 03:38	16°♉21'05	1.32450 AU
	-369 May 19 j 11:28	0°♊	
evening rise	-369 May 19 j 20:28	0°♊47'06	
	-369 Jun 04 j 21:04	0°♋	
desc. node	-369 Jun 17 j 16:35	16°♋34'33	
evening max el	-369 Jun 19 j 03:46	18°♋01'29	26°49'41
retrograde	-369 Jul 03 j 02:58	25°♋17'56	
evening set	-369 Jul 09 j 23:24	23°♋15'02	
min. Earth dist.	-369 Jul 13 j 17:26	20°♋36'13	0.60605 AU
inferior conj	-369 Jul 17 j 00:15	17°♋51'28	-4°-32'-59
minimum elong	-369 Jul 17 j 03:15	17°♋45'10	4°32'40
morning rise	-369 Jul 24 j 10:15	13°♋06'03	
direct	-369 Jul 26 j 20:47	12°♋42'59	
morning max el	-369 Aug 03 j 02:54	16°♋16'20	18°06'57
asc. node	-369 Aug 04 j 18:11	18°♋00'24	
	-369 Aug 12 j 18:21	0°♌	
morning set	-369 Aug 18 j 23:42	11°♌22'30	
superior conj	-369 Aug 28 j 20:17	29°♌31'00	1°31'55
minimum elong	-369 Aug 29 j 00:10	29°♌48'18	1°31'35
	-369 Aug 29 j 02:47	0°♍	
max. Earth dist.	-369 Sep 05 j 11:13	12°♍43'37	1.41521 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening rise	-369 Sep 10 j 22:56	21°♍45'21	
desc. node	-369 Sep 13 j 15:54	26°♍04'26	
	-369 Sep 16 j 04:04	0°♎	
	-369 Oct 07 j 01:58	0°♏	
greatest brilliancy	-369 Oct 09 j 11:33	2°♏59'28	-0.3m
evening max el	-369 Oct 14 j 09:06	8°♏28'54	22°41'07
retrograde	-369 Oct 24 j 05:42	14°♏20'29	
evening set	-369 Oct 28 j 20:50	12°♏28'25	
asc. node	-369 Oct 31 j 17:25	9°♏28'52	
inferior conj	-369 Nov 03 j 06:06	6°♏06'12	0°51'49
minimum elong	-369 Nov 03 j 04:55	6°♏10'17	0°51'19
min. Earth dist.	-369 Nov 03 j 02:15	6°♏19'31	0.67647 AU
	-369 Nov 08 j 09:25	30°℞♎	
morning rise	-369 Nov 08 j 12:56	29°♎52'44	
direct	-369 Nov 12 j 23:27	28°♎05'56	
	-369 Nov 18 j 01:55	0°♏	
morning max el	-369 Nov 22 j 03:44	3°♏30'54	21°58'35
greatest brilliancy	-369 Nov 26 j 22:05	8°♏53'56	-0.4m
desc. node	-369 Dec 10 j 15:10	27°♏44'57	
	-369 Dec 12 j 03:42	0°♐	
morning set	-369 Dec 24 j 17:17	19°♐24'19	
max. Earth dist.	-369 Dec 30 j 19:08	29°♐20'57	1.41298 AU
	-369 Dec 31 j 04:29	0°♑	
superior conj	-368 Jan 07 j 12:18	12°♑35'54	-2°-1'-21
minimum elong	-368 Jan 07 j 12:24	12°♑36'20	2°01'22
	-368 Jan 17 j 02:03	0°♒	
evening rise	-368 Jan 18 j 01:37	1°♒49'13	
asc. node	-368 Jan 27 j 16:44	18°♒56'46	
evening max el	-368 Feb 03 j 08:52	27°♒47'47	18°13'43
	-368 Feb 06 j 03:00	0°♓	
retrograde	-368 Feb 10 j 08:34	1°♓18'04	
evening set	-368 Feb 12 j 21:35	0°♓51'03	
	-368 Feb 14 j 18:03	30°℞♒	
inferior conj	-368 Feb 19 j 21:16	26°♒04'07	3°37'53
minimum elong	-368 Feb 19 j 23:37	25°♒58'54	3°37'38
min. Earth dist.	-368 Feb 23 j 05:45	23°♒06'44	0.60004 AU
morning rise	-368 Feb 26 j 22:21	20°♒23'54	
direct	-368 Mar 04 j 12:39	18°♒22'38	
desc. node	-368 Mar 07 j 14:22	18°♒47'40	
morning max el	-368 Mar 18 j 19:18	26°♒08'59	27°23'24
	-368 Mar 22 j 10:06	0°♓	
	-368 Apr 11 j 09:11	0°♈	
morning set	-368 Apr 19 j 03:10	15°♈10'38	
asc. node	-368 Apr 24 j 16:03	27°♈00'08	
max. Earth dist.	-368 Apr 25 j 16:23	29°♈13'13	1.32360 AU
superior conj	-368 Apr 26 j 07:45	0°♉37'25	0°17'27
minimum elong	-368 Apr 26 j 06:58	0°♉33'08	0°17'17
	-368 Apr 26 j 00:56	0°♉	
evening rise	-368 May 03 j 06:21	15°♉40'27	
	-368 May 10 j 10:43	0°♊	
evening max el	-368 May 31 j 00:59	29°♊29'03	25°46'24
	-368 May 31 j 14:08	0°♋	
desc. node	-368 Jun 03 j 13:37	2°♋30'30	
retrograde	-368 Jun 14 j 02:26	6°♋41'26	
evening set	-368 Jun 20 j 01:39	5°♋16'13	
min. Earth dist.	-368 Jun 24 j 13:24	2°♋35'55	0.58551 AU
inferior conj	-368 Jun 27 j 20:14	0°♋12'55	-4°-42'-28
minimum elong	-368 Jun 27 j 19:37	0°♋14'02	4°42'29
	-368 Jun 28 j 03:19	30°℞♊	
morning rise	-368 Jul 05 j 17:21	25°♊50'07	
direct	-368 Jul 08 j 05:06	25°♊30'03	
morning max el	-368 Jul 16 j 09:33	29°♊22'39	18°40'12
	-368 Jul 17 j 00:49	0°♋	
asc. node	-368 Jul 21 j 15:15	5°♋43'38	
morning set	-368 Aug 01 j 16:28	25°♋18'46	
	-368 Aug 04 j 02:15	0°♌	
superior conj	-368 Aug 10 j 11:42	12°♌17'00	1°44'34
minimum elong	-368 Aug 10 j 13:24	12°♌24'56	1°44'30
max. Earth dist.	-368 Aug 17 j 15:08	25°♌17'54	1.39550 AU
	-368 Aug 20 j 08:05	0°♍	
evening rise	-368 Aug 21 j 18:43	2°♍27'29	
desc. node	-368 Aug 30 j 12:56	16°♍40'22	
	-368 Sep 08 j 10:43	0°♎	
evening max el	-368 Sep 25 j 22:13	22°♎01'00	24°01'24
retrograde	-368 Oct 06 j 21:25	28°♎27'56	
evening set	-368 Oct 12 j 02:36	26°♎17'48	
min. Earth dist.	-368 Oct 16 j 22:36	20°♎41'57	0.67514 AU
inferior conj	-368 Oct 17 j 12:45	19°♎54'01	0°-1'-28
minimum elong	-368 Oct 17 j 12:47	19°♎53'54	0°01'28
transit middle	-368 Oct 17 j 12:47	19°♎53'54	0°01'28
transit begin	-368 Oct 17 j 10:04	20°♎03'06	
transit end	-368 Oct 17 j 15:30	19°♎44'42	
asc. node	-368 Oct 17 j 14:28	19°♎48'12	
morning rise	-368 Oct 22 j 23:10	13°♎45'12	
direct	-368 Oct 26 j 20:09	12°♎19'53	
morning max el	-368 Nov 03 j 22:53	17°♎02'49	20°40'27
greatest brilliancy	-368 Nov 09 j 23:51	24°♎10'57	-0.5m
	-368 Nov 14 j 06:21	0°♏	
desc. node	-368 Nov 26 j 12:13	18°♏02'33	
morning set	-368 Dec 02 j 19:01	27°♏41'57	
	-368 Dec 04 j 06:26	0°♐	
max. Earth dist.	-368 Dec 12 j 00:40	12°♐19'55	1.43103 AU
superior conj	-368 Dec 18 j 14:03	23°♐07'08	-1°-54'-7
minimum elong	-368 Dec 18 j 09:32	22°♐48'12	1°53'53
	-368 Dec 22 j 15:36	0°♑	
evening rise	-368 Dec 30 j 17:29	14°♑05'38	
	-367 Jan 08 j 21:39	0°♒	
asc. node	-367 Jan 13 j 13:47	7°♒02'59	
evening max el	-367 Jan 16 j 20:31	10°♒55'29	18°08'08
retrograde	-367 Jan 23 j 09:49	14°♒20'38	
evening set	-367 Jan 26 j 03:06	13°♒44'44	
inferior conj	-367 Feb 01 j 14:04	8°♒36'28	3°51'29
minimum elong	-367 Feb 01 j 14:07	8°♒36'18	3°51'28
min. Earth dist.	-367 Feb 04 j 11:58	5°♒39'59	0.62071 AU
morning rise	-367 Feb 07 j 22:51	2°♒41'49	
direct	-367 Feb 14 j 22:17	0°♒09'57	
desc. node	-367 Feb 22 j 11:26	2°♒41'40	
morning max el	-367 Feb 28 j 23:12	8°♒01'09	27°46'42
	-367 Mar 17 j 20:00	0°♓	
morning set	-367 Apr 03 j 06:50	29°♓39'46	
	-367 Apr 03 j 10:48	0°♈	
max. Earth dist.	-367 Apr 09 j 02:22	11°♈52'49	1.32646 AU
superior conj	-367 Apr 10 j 17:52	15°♈26'40	0°-8'-28
minimum elong	-367 Apr 10 j 18:16	15°♈28'49	0°08'23
behind sun begin	-367 Apr 10 j 13:53	15°♈04'58	
behind sun end	-367 Apr 10 j 22:40	15°♈52'42	
asc. node	-367 Apr 11 j 13:06	17°♈11'12	
	-367 Apr 17 j 11:18	0°♉	
evening rise	-367 Apr 17 j 17:58	0°♉35'20	
	-367 May 04 j 02:07	0°♊	
evening max el	-367 May 12 j 16:47	10°♊18'55	24°20'16
desc. node	-367 May 21 j 10:40	16°♊18'30	
retrograde	-367 May 26 j 14:16	17°♊19'00	
evening set	-367 May 31 j 05:19	16°♊31'11	
min. Earth dist.	-367 Jun 06 j 04:12	13°♊33'12	0.56716 AU
inferior conj	-367 Jun 08 j 20:12	11°♊52'00	-4°-17'-13
minimum elong	-367 Jun 08 j 15:01	12°♊00'16	4°16'26
morning rise	-367 Jun 17 j 04:29	7°♊48'31	
direct	-367 Jun 19 j 18:53	7°♊30'15	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning max el	-367 Jun	29 j 07:20	11°♊55'22	19°34'24
asc. node	-367 Jul	08 j 12:20	24°♊12'36	
	-367 Jul	11 j 18:15	0°♋	
morning set	-367 Jul	16 j 17:31	9°♋40'35	
superior conj	-367 Jul	24 j 19:05	25°♋51'19	1°47'12
minimum elong	-367 Jul	24 j 18:47	25°♋49'50	1°47'12
	-367 Jul	26 j 22:01	0°♌	
max. Earth dist.	-367 Jul	30 j 18:24	7°♌18'21	1.37571 AU
evening rise	-367 Aug	03 j 14:57	14°♌19'34	
	-367 Aug	12 j 21:26	0°♍	
desc. node	-367 Aug	17 j 09:59	7°♍04'14	
	-367 Sep	03 j 05:25	0°♎	
evening max el	-367 Sep	08 j 09:52	5°♎36'51	25°17'39
retrograde	-367 Sep	20 j 08:47	12°♎30'52	
evening set	-367 Sep	26 j 04:50	10°♎03'55	
min. Earth dist.	-367 Sep	30 j 16:25	5°♎03'32	0.67061 AU
inferior conj	-367 Oct	01 j 17:16	3°♎42'41	0°-56'-50
minimum elong	-367 Oct	01 j 18:41	3°♎38'04	0°56'16
asc. node	-367 Oct	04 j 11:31	0°♎18'17	
	-367 Oct	04 j 18:11	30°℞♍	
morning rise	-367 Oct	07 j 09:05	27°♍41'35	
direct	-367 Oct	10 j 18:27	26°♍35'05	
	-367 Oct	17 j 07:27	0°♎	
morning max el	-367 Oct	18 j 01:42	0°♎44'38	19°35'05
greatest brilliancy	-367 Oct	26 j 14:56	11°♎35'20	-0.7m
	-367 Nov	07 j 20:33	0°♏	
morning set	-367 Nov	11 j 17:23	5°♏58'46	
desc. node	-367 Nov	13 j 09:16	8°♏33'25	
max. Earth dist.	-367 Nov	24 j 13:47	26°♏05'41	1.44381 AU
	-367 Nov	27 j 00:41	0°♐	
superior conj	-367 Nov	28 j 12:58	2°♐25'12	-1°-29'-3
minimum elong	-367 Nov	28 j 04:53	1°♐52'48	1°28'18
evening rise	-367 Dec	12 j 13:46	25°♐29'20	
	-367 Dec	15 j 06:07	0°♑	
asc. node	-367 Dec	31 j 10:50	24°♑19'21	
evening max el	-367 Dec	31 j 09:06	24°♑14'58	18°21'29
retrograde	-366 Jan	06 j 21:24	27°♑47'36	
evening set	-366 Jan	09 j 19:14	27°♑01'50	
inferior conj	-366 Jan	15 j 20:37	21°♑33'31	3°44'12
minimum elong	-366 Jan	15 j 18:57	21°♑38'13	3°44'01
min. Earth dist.	-366 Jan	18 j 03:38	18°♑58'00	0.63907 AU
morning rise	-366 Jan	21 j 17:11	15°♑29'34	
direct	-366 Jan	28 j 15:37	12°♑41'15	
desc. node	-366 Feb	09 j 08:28	18°♑39'00	
morning max el	-366 Feb	11 j 07:22	20°♑30'30	27°33'28
	-366 Feb	19 j 12:25	0°♒	
	-366 Mar	10 j 20:42	0°♓	
morning set	-366 Mar	18 j 03:16	13°♓43'27	
max. Earth dist.	-366 Mar	23 j 05:44	24°♓07'37	1.33339 AU
superior conj	-366 Mar	26 j 00:40	0°♈01'32	0°-35'-9
minimum elong	-366 Mar	26 j 02:21	0°♈10'30	0°34'48
	-366 Mar	26 j 00:23	0°♈	
asc. node	-366 Mar	29 j 10:09	7°♈18'33	
evening rise	-366 Apr	02 j 05:33	15°♈25'35	
	-366 Apr	09 j 13:55	0°♉	
evening max el	-366 Apr	24 j 08:12	20°♉53'46	22°44'59
retrograde	-366 May	07 j 13:10	27°♉25'44	
desc. node	-366 May	08 j 07:41	27°♉24'24	
evening set	-366 May	10 j 19:05	27°♉02'39	
min. Earth dist.	-366 May	18 j 16:52	23°♉34'41	0.55440 AU
inferior conj	-366 May	20 j 01:22	22°♉48'08	-3°-7'-27
minimum elong	-366 May	19 j 18:15	22°♉58'21	3°05'29
morning rise	-366 May	28 j 20:04	18°♉54'28	
direct	-366 May	31 j 14:52	18°♉36'25	

morning max el	-366 Jun	11 j 18:16	23°♉47'00	20°49'09
	-366 Jun	17 j 05:05	0°♊	
asc. node	-366 Jun	25 j 09:23	13°♊16'24	
morning set	-366 Jul	01 j 00:10	24°♊20'55	
	-366 Jul	03 j 17:44	0°♋	
superior conj	-366 Jul	08 j 13:49	10°♋01'02	1°41'58
minimum elong	-366 Jul	08 j 12:09	9°♋52'29	1°41'52
max. Earth dist.	-366 Jul	13 j 02:45	19°♋08'12	1.35798 AU
evening rise	-366 Jul	17 j 07:33	27°♋11'36	
	-366 Jul	18 j 19:55	0°♌	
desc. node	-366 Aug	04 j 07:00	27°♌10'08	
	-366 Aug	06 j 05:49	0°♍	
evening max el	-366 Aug	21 j 21:31	19°♍12'43	26°21'59
retrograde	-366 Sep	03 j 15:10	26°♍23'48	
evening set	-366 Sep	10 j 01:31	23°♍43'57	
min. Earth dist.	-366 Sep	14 j 05:11	19°♍21'02	0.66273 AU
inferior conj	-366 Sep	15 j 17:44	17°♍29'11	-1°-52'-41
minimum elong	-366 Sep	15 j 20:34	17°♍20'30	1°51'35
asc. node	-366 Sep	21 j 08:35	11°♍50'57	
morning rise	-366 Sep	21 j 16:38	11°♍38'59	
direct	-366 Sep	24 j 16:35	10°♍47'53	
morning max el	-366 Oct	01 j 11:11	14°♍33'51	18°44'50
	-366 Oct	12 j 18:49	0°♎	
morning set	-366 Oct	22 j 11:21	15°♎18'30	
desc. node	-366 Oct	31 j 06:17	29°♎12'49	
	-366 Oct	31 j 18:16	0°♏	
superior conj	-366 Nov	07 j 16:03	10°♏52'04	0°-47'-11
minimum elong	-366 Nov	07 j 10:02	10°♏28'24	0°46'26
max. Earth dist.	-366 Nov	07 j 07:34	10°♏18'40	1.44980 AU
	-366 Nov	19 j 18:17	0°♐	
evening rise	-366 Nov	23 j 10:47	5°♐53'52	
	-366 Dec	08 j 18:57	0°♑	
evening max el	-366 Dec	14 j 20:00	7°♑39'44	18°52'48
asc. node	-366 Dec	18 j 07:53	10°♑31'15	
retrograde	-366 Dec	21 j 15:16	11°♑30'31	
evening set	-366 Dec	24 j 18:45	10°♑33'38	
inferior conj	-366 Dec	30 j 13:11	4°♑47'46	3°22'01
minimum elong	-366 Dec	30 j 10:36	4°♑55'47	3°21'30
min. Earth dist.	-365 Jan	01 j 04:56	2°♑45'04	0.65388 AU
	-365 Jan	03 j 14:55	30°℞♐	
morning rise	-365 Jan	05 j 01:26	28°♐37'30	
direct	-365 Jan	11 j 15:29	25°♐47'24	
	-365 Jan	20 j 22:41	0°♑	
morning max el	-365 Jan	24 j 17:10	3°♑25'51	26°48'12
desc. node	-365 Jan	27 j 05:30	6°♑04'56	
	-365 Feb	13 j 20:42	0°♒	
morning set	-365 Mar	01 j 13:06	27°♒10'52	
	-365 Mar	03 j 00:15	0°♓	
max. Earth dist.	-365 Mar	05 j 22:55	5°♓48'42	1.34467 AU
superior conj	-365 Mar	10 j 02:00	14°♓14'52	-1°-1'-28
minimum elong	-365 Mar	10 j 04:53	14°♓29'50	1°00'58
asc. node	-365 Mar	16 j 07:12	27°♓17'32	
evening rise	-365 Mar	17 j 15:12	0°♈04'17	
	-365 Mar	17 j 14:22	0°♈	
	-365 Apr	04 j 13:59	0°♉	
evening max el	-365 Apr	06 j 06:08	1°♉43'07	21°14'50
retrograde	-365 Apr	18 j 03:25	7°♉29'12	
evening set	-365 Apr	20 j 11:59	7°♉16'22	
desc. node	-365 Apr	25 j 04:42	5°♉43'40	
inferior conj	-365 Apr	29 j 20:04	3°♉17'00	-1°-19'-14
minimum elong	-365 Apr	29 j 16:20	3°♉22'15	1°17'56
min. Earth dist.	-365 Apr	30 j 05:45	3°♉03'22	0.55003 AU
	-365 May	06 j 09:53	30°℞♈	
morning rise	-365 May	08 j 20:40	29°♈15'31	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-365 May 12 j 01:14	28°♈53'27	
	-365 May 17 j 11:10	0°♉	
morning max el	-365 May 24 j 18:33	4°♉56'52	22°21'02
	-365 Jun 10 j 20:36	0°♊	
asc. node	-365 Jun 12 j 06:27	2°♊46'14	
morning set	-365 Jun 15 j 10:19	9°♊13'31	
superior conj	-365 Jun 22 j 16:25	24°♊35'36	1°30'37
minimum elong	-365 Jun 22 j 14:02	24°♊23'04	1°30'21
	-365 Jun 25 j 06:24	0°♋	
max. Earth dist.	-365 Jun 25 j 19:58	1°♋10'03	1.34363 AU
evening rise	-365 Jun 30 j 15:36	10°♋50'24	
	-365 Jul 11 j 05:18	0°♌	
desc. node	-365 Jul 22 j 04:01	16°♌50'12	
	-365 Aug 01 j 17:55	0°♍	
evening max el	-365 Aug 04 j 09:17	2°♍40'58	27°06'49
retrograde	-365 Aug 17 j 16:20	10°♍00'05	
evening set	-365 Aug 24 j 14:16	7°♍14'47	
min. Earth dist.	-365 Aug 28 j 10:41	3°♍29'30	0.65123 AU
inferior conj	-365 Aug 30 j 12:02	1°♍10'13	-2°-46'-51
minimum elong	-365 Aug 30 j 16:06	0°♍58'44	2°45'28
	-365 Aug 31 j 13:10	30°℞♌	
morning rise	-365 Sep 05 j 19:29	25°♌34'03	
asc. node	-365 Sep 08 j 05:38	24°♌55'08	
direct	-365 Sep 08 j 12:24	24°♌54'42	
morning max el	-365 Sep 15 j 01:11	28°♌26'22	18°11'05
	-365 Sep 16 j 11:44	0°♍	
morning set	-365 Oct 03 j 09:51	26°♍02'47	
	-365 Oct 05 j 19:16	0°♎	
superior conj	-365 Oct 17 j 19:23	19°♎26'08	0°02'11
minimum elong	-365 Oct 17 j 19:40	19°♎27'15	0°02'09
behind sun begin	-365 Oct 17 j 08:50	18°♎44'09	
behind sun end	-365 Oct 18 j 06:30	20°♎10'17	
desc. node	-365 Oct 18 j 03:19	19°♎57'42	
max. Earth dist.	-365 Oct 21 j 02:17	24°♎38'30	1.44843 AU
	-365 Oct 24 j 12:05	0°♏	
evening rise	-365 Nov 03 j 08:47	15°♏22'45	
	-365 Nov 12 j 19:50	0°♐	
greatest brilliancy	-365 Nov 20 j 03:41	10°♐56'30	-0.7m
evening max el	-365 Nov 28 j 03:03	21°♐06'43	19°40'41
asc. node	-365 Dec 05 j 04:54	25°♐23'54	
retrograde	-365 Dec 05 j 12:16	25°♐24'26	
evening set	-365 Dec 08 j 23:04	24°♐14'44	
inferior conj	-365 Dec 14 j 12:45	18°♐14'21	2°49'01
minimum elong	-365 Dec 14 j 09:55	18°♐23'38	2°48'13
min. Earth dist.	-365 Dec 15 j 14:32	16°♐49'40	0.66483 AU
morning rise	-365 Dec 19 j 20:06	12°♐00'12	
direct	-365 Dec 25 j 21:23	9°♐20'07	
morning max el	-364 Jan 07 j 02:22	16°♐34'54	25°38'51
desc. node	-364 Jan 14 j 02:32	24°♐33'44	
	-364 Jan 18 j 06:42	0°♑	
	-364 Feb 06 j 18:49	0°♒	
morning set	-364 Feb 12 j 07:51	9°♒48'48	
max. Earth dist.	-364 Feb 16 j 04:05	16°♒58'34	1.36041 AU
superior conj	-364 Feb 21 j 19:13	27°♒59'07	-1°-25'-50
minimum elong	-364 Feb 21 j 22:55	28°♒17'38	1°25'21
	-364 Feb 22 j 19:16	0°♓	
evening rise	-364 Feb 29 j 20:52	14°♓25'03	
asc. node	-364 Mar 02 j 04:14	17°♓03'34	
	-364 Mar 09 j 00:29	0°♈	
evening max el	-364 Mar 18 j 14:56	13°♈07'10	19°59'19
retrograde	-364 Mar 28 j 19:22	18°♈00'05	
evening set	-364 Mar 30 j 22:13	17°♈48'20	
inferior conj	-364 Apr 08 j 18:32	13°♈48'17	0°39'02
minimum elong	-364 Apr 08 j 20:14	13°♈45'42	0°38'26
min. Earth dist.	-364 Apr 10 j 19:55	12°♈33'25	0.55528 AU
desc. node	-364 Apr 11 j 01:44	12°♈24'47	
morning rise	-364 Apr 17 j 15:18	9°♈20'35	
direct	-364 Apr 21 j 16:03	8°♈44'48	
morning max el	-364 May 05 j 11:19	15°♈35'41	24°01'33
	-364 May 16 j 21:20	0°♉	
asc. node	-364 May 29 j 03:29	22°♉34'26	
morning set	-364 May 29 j 22:07	24°♉11'50	
	-364 Jun 01 j 15:30	0°♊	
superior conj	-364 Jun 06 j 00:05	9°♊25'26	1°14'27
minimum elong	-364 Jun 05 j 21:36	9°♊12'00	1°14'04
max. Earth dist.	-364 Jun 07 j 22:16	13°♊33'29	1.33320 AU
evening rise	-364 Jun 13 j 10:46	25°♊02'44	
	-364 Jun 15 j 22:47	0°♋	
	-364 Jul 03 j 17:24	0°♌	
desc. node	-364 Jul 08 j 01:02	5°♌52'39	
evening max el	-364 Jul 16 j 19:54	15°♌49'39	27°25'19
retrograde	-364 Jul 30 j 11:44	23°♌09'57	
evening set	-364 Aug 06 j 16:00	20°♌30'35	
min. Earth dist.	-364 Aug 10 j 07:05	17°♌19'12	0.63606 AU
inferior conj	-364 Aug 12 j 21:38	14°♌39'34	-3°-36'-24
minimum elong	-364 Aug 13 j 02:19	14°♌27'34	3°35'09
morning rise	-364 Aug 19 j 14:47	9°♌20'37	
direct	-364 Aug 22 j 03:12	8°♌49'40	
asc. node	-364 Aug 25 j 02:40	9°♌33'32	
morning max el	-364 Aug 28 j 16:52	12°♌15'18	17°54'45
	-364 Sep 09 j 18:58	0°♍	
morning set	-364 Sep 14 j 10:09	8°♍01'22	
superior conj	-364 Sep 26 j 18:50	29°♍01'53	0°46'41
minimum elong	-364 Sep 26 j 23:21	29°♍20'30	0°46'05
	-364 Sep 27 j 08:57	0°♎	
max. Earth dist.	-364 Oct 02 j 18:46	8°♎46'23	1.44000 AU
desc. node	-364 Oct 04 j 00:20	10°♎44'24	
evening rise	-364 Oct 12 j 16:27	24°♎19'03	
	-364 Oct 16 j 09:22	0°♏	
greatest brilliancy	-364 Nov 04 j 09:18	27°♏39'27	-0.5m
	-364 Nov 06 j 05:10	0°♐	
evening max el	-364 Nov 10 j 04:51	4°♐34'38	20°42'54
retrograde	-364 Nov 18 j 09:51	9°♐25'57	
asc. node	-364 Nov 21 j 01:55	8°♐45'25	
evening set	-364 Nov 22 j 06:03	8°♐01'19	
inferior conj	-364 Nov 27 j 16:49	1°♐49'48	2°08'01
minimum elong	-364 Nov 27 j 14:19	1°♐58'22	2°07'08
min. Earth dist.	-364 Nov 28 j 06:13	1°♐04'07	0.67206 AU
	-364 Nov 29 j 01:13	30°℞♏	
morning rise	-364 Dec 02 j 22:06	25°♏34'06	
direct	-364 Dec 08 j 08:32	23°♏12'01	
morning max el	-364 Dec 19 j 10:42	29°♏49'08	24°15'16
	-364 Dec 19 j 15:00	0°♐	
desc. node	-364 Dec 30 j 23:34	13°♐47'12	
	-363 Jan 11 j 03:51	0°♑	
morning set	-363 Jan 24 j 05:39	21°♑20'59	
max. Earth dist.	-363 Jan 28 j 00:23	28°♑01'49	1.37988 AU
	-363 Jan 29 j 02:31	0°♒	
superior conj	-363 Feb 04 j 00:57	11°♒05'18	-1°-45'-59
minimum elong	-363 Feb 04 j 04:34	11°♒22'39	1°45'42
evening rise	-363 Feb 12 j 20:11	28°♒21'14	
	-363 Feb 13 j 16:15	0°♓	
asc. node	-363 Feb 17 j 01:16	6°♓31'26	
evening max el	-363 Mar 01 j 10:43	25°♓09'51	19°02'38
retrograde	-363 Mar 10 j 00:48	29°♓17'57	
evening set	-363 Mar 12 j 06:45	29°♓02'09	
inferior conj	-363 Mar 20 j 09:02	24°♓48'06	2°15'49
minimum elong	-363 Mar 20 j 13:23	24°♓40'29	2°14'35

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	-363 Mar 23 j 11:45	22°♓38'48	0.56895 AU
morning rise	-363 Mar 28 j 15:53	19°♓47'52	
desc. node	-363 Mar 28 j 22:46	19°♓41'12	
direct	-363 Apr 02 j 19:50	18°♓44'51	
morning max el	-363 Apr 17 j 02:06	26°♓07'09	25°37'24
	-363 Apr 20 j 18:08	0°♈	
	-363 May 09 j 21:45	0°♉	
morning set	-363 May 14 j 09:56	9°♉10'30	
asc. node	-363 May 16 j 00:33	12°♉35'30	
superior conj	-363 May 21 j 10:44	24°♉23'31	0°54'32
minimum elong	-363 May 21 j 08:37	24°♉11'56	0°54'08
max. Earth dist.	-363 May 22 j 07:33	26°♉17'13	1.32666 AU
	-363 May 24 j 00:33	0°♊	
evening rise	-363 May 28 j 13:43	9°♊38'12	
	-363 Jun 08 j 06:51	0°♋	
desc. node	-363 Jun 24 j 22:03	24°♋01'33	
evening max el	-363 Jun 29 j 03:12	28°♋26'30	27°12'16
	-363 Jun 30 j 20:24	0°♌	
retrograde	-363 Jul 13 j 00:23	5°♌44'02	
evening set	-363 Jul 20 j 02:44	3°♌24'17	
min. Earth dist.	-363 Jul 23 j 17:18	0°♌37'31	0.61770 AU
	-363 Jul 24 j 10:18	30°℞♋	
inferior conj	-363 Jul 26 j 19:24	27°♋49'57	-4°-16'-41
minimum elong	-363 Jul 26 j 23:32	27°♋40'34	4°16'00
morning rise	-363 Aug 02 j 23:05	22°♋51'14	
direct	-363 Aug 05 j 09:37	22°♋25'50	
asc. node	-363 Aug 11 j 23:44	25°♋35'34	
morning max el	-363 Aug 12 j 07:21	25°♋53'48	17°56'50
	-363 Aug 15 j 19:15	0°♌	
morning set	-363 Aug 28 j 06:15	20°♌57'00	
	-363 Sep 02 j 06:05	0°♍	
superior conj	-363 Sep 07 j 21:42	9°♍58'43	1°19'12
minimum elong	-363 Sep 08 j 02:31	10°♍19'33	1°18'41
max. Earth dist.	-363 Sep 15 j 07:10	22°♍27'56	1.42560 AU
	-363 Sep 19 j 22:46	0°♎	
desc. node	-363 Sep 20 j 21:22	1°♎29'55	
evening rise	-363 Sep 22 j 03:11	3°♎27'46	
	-363 Oct 09 j 20:03	0°♏	
greatest brilliancy	-363 Oct 19 j 06:27	12°♏38'41	-0.4m
evening max el	-363 Oct 24 j 00:56	18°♏03'28	21°56'00
retrograde	-363 Nov 02 j 06:10	23°♏32'16	
evening set	-363 Nov 06 j 13:53	21°♏50'40	
asc. node	-363 Nov 07 j 22:57	20°♏35'00	
inferior conj	-363 Nov 11 j 23:18	15°♏31'29	1°20'59
minimum elong	-363 Nov 11 j 21:32	15°♏37'35	1°20'17
min. Earth dist.	-363 Nov 12 j 01:32	15°♏23'44	0.67585 AU
morning rise	-363 Nov 17 j 04:58	9°♏16'37	
direct	-363 Nov 22 j 00:06	7°♏16'34	
morning max el	-363 Dec 01 j 20:37	13°♏07'32	22°47'27
greatest brilliancy	-363 Dec 06 j 12:53	18°♏21'36	-0.3m
	-363 Dec 15 j 08:47	0°♐	
desc. node	-363 Dec 17 j 20:36	3°♐32'13	
	-362 Jan 04 j 02:07	0°♑	
morning set	-362 Jan 05 j 00:16	1°♑30'52	
max. Earth dist.	-362 Jan 09 j 19:59	9°♑36'34	1.40116 AU
superior conj	-362 Jan 17 j 14:39	23°♑20'51	-1°-58'-51
minimum elong	-362 Jan 17 j 16:37	23°♑29'52	1°58'48
	-362 Jan 21 j 05:11	0°♒	
evening rise	-362 Jan 27 j 10:11	11°♒44'35	
asc. node	-362 Feb 03 j 22:18	25°♒33'56	
	-362 Feb 06 j 14:57	0°♓	
evening max el	-362 Feb 12 j 14:57	7°♓43'39	18°25'50
retrograde	-362 Feb 20 j 01:06	11°♓23'00	
evening set	-362 Feb 22 j 11:47	11°♓00'23	
inferior conj	-362 Mar 01 j 20:18	6°♓25'43	3°17'38
minimum elong	-362 Mar 01 j 23:53	6°♓18'24	3°16'59
min. Earth dist.	-362 Mar 05 j 06:41	3°♓39'19	0.58804 AU
morning rise	-362 Mar 09 j 08:15	0°♓57'49	
	-362 Mar 11 j 12:51	30°℞♒	
direct	-362 Mar 15 j 12:35	29°♒18'15	
desc. node	-362 Mar 15 j 19:48	29°♒18'29	
	-362 Mar 19 j 14:23	0°♓	
morning max el	-362 Mar 29 j 20:24	6°♓57'37	26°53'36
	-362 Apr 16 j 01:37	0°♈	
morning set	-362 Apr 28 j 20:05	24°♈02'51	
	-362 May 01 j 15:21	0°♉	
asc. node	-362 May 02 j 21:36	2°♉43'45	
superior conj	-362 May 05 j 22:28	9°♉22'31	0°31'39
minimum elong	-362 May 05 j 21:07	9°♉15'03	0°31'22
max. Earth dist.	-362 May 05 j 20:14	9°♉10'15	1.32373 AU
evening rise	-362 May 12 j 21:41	24°♉26'56	
	-362 May 15 j 14:23	0°♊	
	-362 Jun 02 j 07:05	0°♋	
evening max el	-362 Jun 11 j 04:32	10°♋20'16	26°26'16
desc. node	-362 Jun 11 j 19:05	10°♋54'22	
retrograde	-362 Jun 25 j 04:46	17°♋34'24	
evening set	-362 Jul 01 j 17:53	15°♋46'55	
min. Earth dist.	-362 Jul 05 j 17:39	13°♋09'42	0.59734 AU
inferior conj	-362 Jul 09 j 01:48	10°♋31'56	-4°-40'-25
minimum elong	-362 Jul 09 j 03:31	10°♋28'33	4°40'21
morning rise	-362 Jul 16 j 16:29	5°♋55'53	
direct	-362 Jul 19 j 03:28	5°♋34'07	
morning max el	-362 Jul 26 j 17:41	9°♋14'00	18°18'31
asc. node	-362 Jul 29 j 20:48	12°♋46'00	
	-362 Aug 09 j 06:37	0°♌	
morning set	-362 Aug 11 j 16:45	4°♌34'40	
superior conj	-362 Aug 21 j 01:25	22°♌09'36	1°38'39
minimum elong	-362 Aug 21 j 04:24	22°♌23'11	1°38'28
	-362 Aug 25 j 10:18	0°♍	
max. Earth dist.	-362 Aug 28 j 14:23	5°♍30'15	1.40708 AU
evening rise	-362 Sep 02 j 08:45	13°♍29'48	
desc. node	-362 Sep 07 j 18:25	22°♍10'43	
	-362 Sep 12 j 20:13	0°♎	
greatest brilliancy	-362 Sep 30 j 03:12	24°♎08'06	-0.2m
	-362 Oct 05 j 03:48	0°♏	
evening max el	-362 Oct 06 j 16:03	1°♏34'17	23°15'17
retrograde	-362 Oct 16 j 23:49	7°♏40'57	
evening set	-362 Oct 21 j 20:54	5°♏41'04	
asc. node	-362 Oct 25 j 20:00	1°♏14'54	
	-362 Oct 26 j 18:07	30°℞♎	
inferior conj	-362 Oct 27 j 06:23	29°♎17'52	0°29'35
minimum elong	-362 Oct 27 j 05:42	29°♎20'16	0°29'16
min. Earth dist.	-362 Oct 26 j 22:08	29°♎46'13	0.67635 AU
morning rise	-362 Nov 01 j 14:32	23°♎06'19	
direct	-362 Nov 05 j 19:09	21°♎28'53	
morning max el	-362 Nov 14 j 11:46	26°♎34'30	21°24'03
	-362 Nov 17 j 14:29	0°♏	
greatest brilliancy	-362 Nov 19 j 15:37	2°♏29'44	-0.4m
desc. node	-362 Dec 04 j 17:40	23°♏40'17	
	-362 Dec 08 j 22:17	0°♐	
morning set	-362 Dec 15 j 14:19	10°♐20'37	
max. Earth dist.	-362 Dec 22 j 21:41	22°♐06'40	1.42122 AU
	-362 Dec 27 j 15:03	0°♑	
superior conj	-362 Dec 30 j 07:00	4°♑33'31	-2°00'-16
minimum elong	-362 Dec 30 j 05:16	4°♑26'04	2°00'15
evening rise	-361 Jan 10 j 11:22	24°♑28'15	
	-361 Jan 13 j 12:31	0°♒	
asc. node	-361 Jan 21 j 19:20	14°♒03'27	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-361 Jan 27 j 00:40	20°♒40'54	18°08'54
retrograde	-361 Feb 02 j 18:41	24°♒07'29	
evening set	-361 Feb 05 j 09:32	23°♒36'44	
inferior conj	-361 Feb 12 j 03:21	18°♒40'15	3°46'40
minimum elong	-361 Feb 12 j 04:42	18°♒37'04	3°46'34
min. Earth dist.	-361 Feb 15 j 08:00	15°♒40'41	0.60900 AU
morning rise	-361 Feb 18 j 21:02	12°♒53'02	
direct	-361 Feb 25 j 16:26	10°♒37'43	
desc. node	-361 Mar 02 j 16:51	11°♒44'45	
morning max el	-361 Mar 11 j 21:06	18°♒26'20	27°38'00
	-361 Mar 21 j 14:44	0°♓	
	-361 Apr 08 j 18:07	0°♈	
morning set	-361 Apr 13 j 02:45	8°♈42'34	
max. Earth dist.	-361 Apr 19 j 08:26	21°♈59'02	1.32436 AU
asc. node	-361 Apr 19 j 18:40	22°♈54'54	
superior conj	-361 Apr 20 j 09:39	24°♈16'46	0°06'37
minimum elong	-361 Apr 20 j 09:21	24°♈15'07	0°06'34
behind sun begin	-361 Apr 20 j 04:43	23°♈49'48	
behind sun end	-361 Apr 20 j 13:59	24°♈40'27	
	-361 Apr 23 j 00:23	0°♉	
evening rise	-361 Apr 27 j 08:31	9°♉21'20	
	-361 May 08 j 01:18	0°♊	
evening max el	-361 May 23 j 22:54	21°♊29'05	25°11'45
desc. node	-361 May 29 j 16:06	26°♊00'25	
retrograde	-361 Jun 06 j 23:22	28°♊37'42	
evening set	-361 Jun 12 j 10:11	27°♊28'56	
min. Earth dist.	-361 Jun 17 j 10:36	24°♊43'08	0.57726 AU
inferior conj	-361 Jun 20 j 13:24	22°♊35'39	-4°-36'-47
minimum elong	-361 Jun 20 j 10:48	22°♊40'06	4°36'36
morning rise	-361 Jun 28 j 15:18	18°♊22'07	
direct	-361 Jul 01 j 04:13	18°♊02'53	
morning max el	-361 Jul 09 j 20:53	22°♊07'05	19°00'45
	-361 Jul 16 j 04:55	0°♋	
asc. node	-361 Jul 16 j 17:53	0°♋50'07	
morning set	-361 Jul 26 j 13:23	18°♋42'54	
	-361 Aug 01 j 06:38	0°♌	
superior conj	-361 Aug 04 j 00:17	5°♌18'18	1°46'46
minimum elong	-361 Aug 04 j 01:04	5°♌22'03	1°46'46
max. Earth dist.	-361 Aug 10 j 17:32	17°♌48'52	1.38693 AU
evening rise	-361 Aug 14 j 15:11	24°♌42'02	
	-361 Aug 17 j 17:56	0°♍	
desc. node	-361 Aug 25 j 15:27	12°♍42'15	
	-361 Sep 06 j 13:22	0°♎	
evening max el	-361 Sep 19 j 04:06	15°♎07'37	24°34'41
retrograde	-361 Sep 30 j 13:48	21°♎47'28	
evening set	-361 Oct 06 j 01:24	19°♎29'34	
min. Earth dist.	-361 Oct 10 j 17:37	14°♎08'46	0.67364 AU
inferior conj	-361 Oct 11 j 12:19	13°♎06'17	0°-24'-48
minimum elong	-361 Oct 11 j 12:56	13°♎04'15	0°24'33
asc. node	-361 Oct 12 j 17:04	11°♎31'29	
morning rise	-361 Oct 17 j 00:52	7°♎00'38	
direct	-361 Oct 20 j 16:34	5°♎43'55	
morning max el	-361 Oct 28 j 10:18	10°♎11'25	20°10'55
greatest brilliancy	-361 Nov 04 j 07:46	18°♎32'57	-0.6m
	-361 Nov 12 j 07:35	0°♏	
desc. node	-361 Nov 21 j 14:43	14°♏04'12	
morning set	-361 Nov 24 j 11:26	18°♏28'56	
	-361 Dec 01 j 20:18	0°♐	
max. Earth dist.	-361 Dec 05 j 06:44	5°♐27'51	1.43723 AU
superior conj	-361 Dec 10 j 21:09	14°♐32'24	-1°-45'-45
minimum elong	-361 Dec 10 j 14:42	14°♐05'55	1°45'19
	-361 Dec 20 j 02:24	0°♑	
evening rise	-361 Dec 23 j 19:26	6°♑23'17	
	-360 Jan 07 j 06:00	0°♒	
asc. node	-360 Jan 08 j 16:22	1°♒49'53	
evening max el	-360 Jan 10 j 12:56	3°♒53'49	18°11'29
retrograde	-360 Jan 17 j 00:57	7°♒21'08	
evening set	-360 Jan 19 j 19:57	6°♒41'18	
inferior conj	-360 Jan 26 j 02:28	1°♒24'10	3°50'32
minimum elong	-360 Jan 26 j 01:43	1°♒26'12	3°50'30
	-360 Jan 27 j 09:49	30°℞♑	
min. Earth dist.	-360 Jan 28 j 18:17	28°♑34'28	0.62887 AU
morning rise	-360 Feb 01 j 05:31	25°♑24'45	
direct	-360 Feb 08 j 05:25	22°♑44'02	
desc. node	-360 Feb 17 j 13:54	26°♑35'30	
	-360 Feb 21 j 12:36	0°♒	
morning max el	-360 Feb 22 j 03:22	0°♒36'07	27°45'27
	-360 Mar 14 j 16:00	0°♓	
morning set	-360 Mar 27 j 03:43	23°♓02'20	
	-360 Mar 30 j 13:03	0°♈	
max. Earth dist.	-360 Apr 01 j 16:06	4°♈29'44	1.32881 AU
superior conj	-360 Apr 03 j 18:35	9°♈00'40	0°-19'-45
minimum elong	-360 Apr 03 j 19:32	9°♈05'44	0°19'33
asc. node	-360 Apr 05 j 15:44	13°♈04'56	
evening rise	-360 Apr 10 j 20:20	24°♈14'56	
	-360 Apr 13 j 14:53	0°♉	
	-360 May 02 j 11:22	0°♊	
evening max el	-360 May 04 j 13:32	2°♊08'42	23°40'00
desc. node	-360 May 15 j 13:07	8°♊43'25	
retrograde	-360 May 18 j 06:14	9°♊00'12	
evening set	-360 May 22 j 06:21	8°♊24'48	
min. Earth dist.	-360 May 29 j 00:13	5°♊15'25	0.56075 AU
inferior conj	-360 May 31 j 04:53	3°♊56'04	-3°-53'-20
minimum elong	-360 May 30 j 22:17	4°♊06'03	3°51'57
morning rise	-360 Jun 08 j 17:50	29°♉58'43	
	-360 Jun 08 j 15:31	30°℞♉	
direct	-360 Jun 11 j 09:31	29°♉41'00	
	-360 Jun 14 j 01:41	0°♊	
morning max el	-360 Jun 21 j 14:21	4°♊24'08	20°03'53
asc. node	-360 Jul 02 j 14:58	19°♊35'33	
	-360 Jul 08 j 02:35	0°♋	
morning set	-360 Jul 09 j 17:07	3°♋13'52	
superior conj	-360 Jul 17 j 13:02	19°♋10'03	1°45'50
minimum elong	-360 Jul 17 j 12:05	19°♋05'13	1°45'49
max. Earth dist.	-360 Jul 22 j 21:56	29°♋40'43	1.36775 AU
	-360 Jul 23 j 01:59	0°♌	
evening rise	-360 Jul 26 j 20:43	7°♌01'57	
	-360 Aug 09 j 13:17	0°♍	
desc. node	-360 Aug 11 j 12:28	2°♍59'42	
evening max el	-360 Aug 31 j 15:29	28°♍44'01	25°46'49
	-360 Sep 01 j 23:39	0°♎	
retrograde	-360 Sep 12 j 23:19	5°♎47'20	
evening set	-360 Sep 19 j 01:32	3°♎14'07	
	-360 Sep 22 j 04:13	30°℞♍	
min. Earth dist.	-360 Sep 23 j 09:38	28°♍29'24	0.66770 AU
inferior conj	-360 Sep 24 j 15:22	26°♍54'51	-1°-20'-36
minimum elong	-360 Sep 24 j 17:23	26°♍48'23	1°19'46
asc. node	-360 Sep 28 j 14:07	22°♍23'10	
morning rise	-360 Sep 30 j 10:01	20°♍57'56	
direct	-360 Oct 03 j 14:58	19°♍58'36	
morning max el	-360 Oct 10 j 16:12	23°♍57'19	19°11'39
	-360 Oct 15 j 17:01	0°♎	
morning set	-360 Nov 02 j 15:52	27°♎06'22	
	-360 Nov 04 j 12:19	0°♏	
desc. node	-360 Nov 07 j 11:44	4°♏39'11	
max. Earth dist.	-360 Nov 16 j 21:36	19°♏25'22	1.44726 AU
superior conj	-360 Nov 19 j 09:54	23°♏23'46	-1°-12'-58
minimum elong	-360 Nov 19 j 01:53	22°♏51'58	1°12'05

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-360 Nov 23 j 13:26	0°♐	
evening rise	-360 Dec 04 j 06:04	17°♐21'53	
	-360 Dec 11 j 22:26	0°♑	
evening max el	-360 Dec 24 j 01:03	17°♑16'05	18°32'43
asc. node	-360 Dec 25 j 13:24	18°♑40'41	
retrograde	-360 Dec 30 j 15:32	20°♑55'19	
evening set	-359 Jan 02 j 15:32	20°♑05'11	
inferior conj	-359 Jan 08 j 13:41	14°♑29'20	3°36'18
minimum elong	-359 Jan 08 j 11:32	14°♑35'40	3°35'59
min. Earth dist.	-359 Jan 10 j 14:15	12°♑06'23	0.64585 AU
morning rise	-359 Jan 14 j 06:15	8°♑22'14	
direct	-359 Jan 21 j 01:54	5°♑31'07	
desc. node	-359 Feb 03 j 10:56	13°♑14'07	
morning max el	-359 Feb 03 j 12:27	13°♑17'56	27°17'38
	-359 Feb 17 j 00:32	0°♒	
	-359 Mar 07 j 05:38	0°♓	
morning set	-359 Mar 10 j 20:04	6°♓52'03	
max. Earth dist.	-359 Mar 15 j 15:12	16°♓29'24	1.33755 AU
superior conj	-359 Mar 18 j 23:19	23°♓27'19	0°-46'-27
minimum elong	-359 Mar 19 j 01:32	23°♓39'01	0°46'02
	-359 Mar 22 j 01:14	0°♈	
asc. node	-359 Mar 23 j 12:44	3°♈09'11	
evening rise	-359 Mar 26 j 07:16	9°♈00'48	
	-359 Apr 06 j 10:07	0°♉	
evening max el	-359 Apr 16 j 07:01	12°♉46'47	22°05'27
retrograde	-359 Apr 29 j 00:35	19°♉00'58	
evening set	-359 May 01 j 19:07	18°♉43'57	
desc. node	-359 May 02 j 10:09	18°♉35'35	
min. Earth dist.	-359 May 10 j 13:09	14°♉58'58	0.55132 AU
inferior conj	-359 May 11 j 04:08	14°♉37'54	-2°-25'-1
minimum elong	-359 May 10 j 21:51	14°♉46'44	2°23'03
morning rise	-359 May 20 j 02:07	10°♉42'56	
direct	-359 May 22 j 23:56	10°♉23'57	
morning max el	-359 Jun 03 j 20:33	15°♉57'34	21°26'30
	-359 Jun 14 j 14:01	0°♊	
asc. node	-359 Jun 19 j 12:01	8°♊51'15	
morning set	-359 Jun 24 j 01:29	17°♊59'52	
	-359 Jun 29 j 18:59	0°♋	
superior conj	-359 Jul 01 j 11:29	3°♋31'20	1°37'49
minimum elong	-359 Jul 01 j 09:26	3°♋20'42	1°37'39
max. Earth dist.	-359 Jul 05 j 09:33	11°♋32'26	1.35140 AU
evening rise	-359 Jul 09 j 20:28	20°♋15'43	
	-359 Jul 15 j 03:28	0°♌	
desc. node	-359 Jul 29 j 09:30	22°♌55'46	
	-359 Aug 03 j 12:10	0°♍	
evening max el	-359 Aug 14 j 03:23	12°♍18'28	26°43'55
retrograde	-359 Aug 27 j 03:37	19°♍34'05	
evening set	-359 Sep 02 j 19:11	16°♍51'05	
min. Earth dist.	-359 Sep 06 j 19:44	12°♍44'00	0.65828 AU
inferior conj	-359 Sep 08 j 13:31	10°♍40'03	-2°-16'-1
minimum elong	-359 Sep 08 j 16:55	10°♍29'58	2°14'45
morning rise	-359 Sep 14 j 15:51	4°♍55'07	
asc. node	-359 Sep 15 j 11:10	4°♍33'05	
direct	-359 Sep 17 j 12:29	4°♍09'25	
morning max el	-359 Sep 24 j 03:50	7°♍48'29	18°28'18
	-359 Oct 09 j 13:12	0°♎	
morning set	-359 Oct 13 j 21:51	7°♎02'33	
desc. node	-359 Oct 25 j 08:46	25°♎21'37	
	-359 Oct 28 j 07:17	0°♏	
superior conj	-359 Oct 29 j 10:20	1°♏46'33	0°-26'-24
minimum elong	-359 Oct 29 j 06:51	1°♏32'51	0°25'57
max. Earth dist.	-359 Oct 30 j 15:57	3°♏43'06	1.45017 AU
evening rise	-359 Nov 14 j 16:51	27°♏21'45	
	-359 Nov 16 j 08:57	0°♐	

greatest brilliancy	-359 Nov 26 j 23:11	16°♐35'11	-0.7m
	-359 Dec 06 j 18:25	0°♑	
evening max el	-359 Dec 07 j 10:39	0°♑43'07	19°11'19
asc. node	-359 Dec 12 j 10:25	4°♑21'22	
retrograde	-359 Dec 14 j 10:58	4°♑44'01	
evening set	-359 Dec 17 j 17:23	3°♑41'54	
	-359 Dec 21 j 15:32	30°℞♐	
inferior conj	-359 Dec 23 j 09:35	27°♐49'44	3°09'07
minimum elong	-359 Dec 23 j 06:48	27°♐58'32	3°08'28
min. Earth dist.	-359 Dec 24 j 19:15	26°♐02'47	0.65907 AU
morning rise	-359 Dec 28 j 19:23	21°♐37'46	
direct	-358 Jan 04 j 04:34	18°♐50'28	
morning max el	-358 Jan 16 j 21:55	26°♐20'06	26°21'00
	-358 Jan 20 j 07:48	0°♑	
desc. node	-358 Jan 21 j 07:57	1°♑09'48	
	-358 Feb 10 j 14:13	0°♒	
morning set	-358 Feb 22 j 00:04	20°♒00'24	
max. Earth dist.	-358 Feb 26 j 03:04	27°♒55'19	1.35086 AU
	-358 Feb 27 j 04:21	0°♓	
superior conj	-358 Mar 02 j 21:34	7°♓29'52	-1°-12'-9
minimum elong	-358 Mar 03 j 00:52	7°♓46'45	1°11'39
asc. node	-358 Mar 10 j 09:46	23°♓03'34	
evening rise	-358 Mar 10 j 15:29	23°♓33'00	
	-358 Mar 13 j 20:01	0°♈	
evening max el	-358 Mar 29 j 09:25	23°♈49'58	20°40'35
retrograde	-358 Apr 09 j 13:22	29°♈12'38	
evening set	-358 Apr 11 j 18:07	29°♈00'59	
desc. node	-358 Apr 19 j 07:09	25°♈59'33	
inferior conj	-358 Apr 20 j 22:32	25°♈03'38	0°-28'-10
minimum elong	-358 Apr 20 j 21:12	25°♈05'32	0°27'42
min. Earth dist.	-358 Apr 22 j 02:23	24°♈23'38	0.55117 AU
morning rise	-358 Apr 29 j 22:53	20°♈52'53	
direct	-358 May 03 j 11:07	20°♈26'15	
morning max el	-358 May 16 j 16:51	26°♈51'04	23°03'23
	-358 May 19 j 17:51	0°♉	
asc. node	-358 Jun 06 j 09:03	28°♉29'29	
	-358 Jun 07 j 02:45	0°♊	
morning set	-358 Jun 08 j 12:31	2°♊55'14	
superior conj	-358 Jun 15 j 16:29	18°♊12'46	1°24'16
minimum elong	-358 Jun 15 j 13:59	17°♊59'28	1°23'57
max. Earth dist.	-358 Jun 18 j 06:58	23°♊43'28	1.33876 AU
	-358 Jun 21 j 07:52	0°♋	
evening rise	-358 Jun 23 j 09:43	4°♋09'56	
	-358 Jul 07 j 21:27	0°♌	
desc. node	-358 Jul 16 j 06:31	12°♌21'10	
evening max el	-358 Jul 27 j 15:07	25°♌40'29	27°18'20
	-358 Aug 01 j 21:14	0°♍	
retrograde	-358 Aug 10 j 02:11	2°♍59'51	
evening set	-358 Aug 17 j 03:38	0°♍15'50	
	-358 Aug 17 j 11:38	30°℞♌	
min. Earth dist.	-358 Aug 20 j 21:34	26°♌45'34	0.64522 AU
inferior conj	-358 Aug 23 j 04:27	24°♌16'50	-3°-8'-40
minimum elong	-358 Aug 23 j 08:52	24°♌04'49	3°07'18
morning rise	-358 Aug 29 j 15:52	18°♌47'24	
direct	-358 Sep 01 j 06:40	18°♌11'51	
asc. node	-358 Sep 02 j 08:14	18°♌17'48	
morning max el	-358 Sep 07 j 18:50	21°♌39'47	18°01'58
	-358 Sep 14 j 04:46	0°♍	
morning set	-358 Sep 25 j 08:04	18°♍21'04	
	-358 Oct 02 j 07:05	0°♎	
superior conj	-358 Oct 08 j 20:22	10°♎41'45	0°22'15
minimum elong	-358 Oct 08 j 22:57	10°♎52'08	0°21'54
desc. node	-358 Oct 12 j 05:49	16°♎07'44	
max. Earth dist.	-358 Oct 13 j 10:41	18°♎02'24	1.44571 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-358 Oct 21 j 01:37	0°♏		
evening rise	-358 Oct 25 j 07:10	6°♏33'13		
	-358 Nov 09 j 18:40	0°♐		
greatest brilliancy	-358 Nov 13 j 18:21	5°♐40'33	-0.6m	
evening max el	-358 Nov 20 j 15:41	14°♐11'12	20°05'32	
retrograde	-358 Nov 28 j 08:26	18°♐42'04		
asc. node	-358 Nov 29 j 07:28	18°♐36'49		
evening set	-358 Dec 01 j 23:05	17°♐26'04		
inferior conj	-358 Dec 07 j 11:20	11°♐20'30	2°32'27	
minimum elong	-358 Dec 07 j 08:35	11°♐29'42	2°31'36	
min. Earth dist.	-358 Dec 08 j 07:35	10°♐12'44	0.66841 AU	
morning rise	-358 Dec 12 j 17:30	5°♐05'40		
direct	-358 Dec 18 j 12:39	2°♐32'44		
morning max el	-358 Dec 30 j 06:38	9°♐32'07	25°04'25	
desc. node	-357 Jan 08 j 04:59	19°♐59'29		
	-357 Jan 15 j 11:31	0°♑		
	-357 Feb 03 j 04:53	0°♒		
morning set	-357 Feb 04 j 10:37	2°♒12'03		
max. Earth dist.	-357 Feb 08 j 04:06	8°♒59'45	1.36843 AU	
superior conj	-357 Feb 14 j 10:21	20°♒59'07	-1°-35'-4	
minimum elong	-357 Feb 14 j 14:09	21°♒17'51	1°34'38	
	-357 Feb 18 j 22:43	0°♓		
evening rise	-357 Feb 22 j 18:46	7°♓44'17		
asc. node	-357 Feb 25 j 06:48	12°♓42'40		
	-357 Mar 07 j 07:09	0°♈		
evening max el	-357 Mar 11 j 22:58	5°♈30'03	19°32'40	
retrograde	-357 Mar 21 j 10:01	10°♈02'24		
evening set	-357 Mar 23 j 13:44	9°♈49'18		
inferior conj	-357 Apr 01 j 02:37	5°♈44'04	1°24'02	
minimum elong	-357 Apr 01 j 05:56	5°♈38'44	1°22'58	
min. Earth dist.	-357 Apr 03 j 16:45	4°♈04'55	0.56026 AU	
desc. node	-357 Apr 06 j 04:10	2°♈38'03		
morning rise	-357 Apr 09 j 18:33	1°♈02'50		
direct	-357 Apr 14 j 06:29	0°♈17'19		
morning max el	-357 Apr 28 j 07:58	7°♈22'51	24°43'57	
	-357 May 14 j 19:42	0°♉		
morning set	-357 May 24 j 00:32	17°♉54'34		
asc. node	-357 May 24 j 06:07	18°♉23'56		
	-357 May 29 j 15:18	0°♊		
superior conj	-357 May 31 j 01:38	3°♊06'47	1°06'24	
minimum elong	-357 May 30 j 23:15	2°♊53'49	1°06'00	
max. Earth dist.	-357 Jun 01 j 12:48	6°♊17'18	1.32994 AU	
evening rise	-357 Jun 07 j 08:32	18°♊33'06		
	-357 Jun 13 j 05:05	0°♋		
	-357 Jul 02 j 07:18	0°♌		
desc. node	-357 Jul 03 j 03:31	1°♌03'11		
evening max el	-357 Jul 10 j 00:36	8°♌37'06	27°23'49	
retrograde	-357 Jul 23 j 18:38	15°♌56'09		
evening set	-357 Jul 30 j 23:32	13°♌23'11		
min. Earth dist.	-357 Aug 03 j 13:30	10°♌24'07	0.62858 AU	
inferior conj	-357 Aug 06 j 09:26	7°♌39'17	-3°-54'-58	
minimum elong	-357 Aug 06 j 14:04	7°♌27'59	3°53'56	
morning rise	-357 Aug 13 j 07:00	2°♌28'46		
direct	-357 Aug 15 j 18:24	2°♌00'24		
asc. node	-357 Aug 20 j 05:18	3°♌33'51		
morning max el	-357 Aug 22 j 10:25	5°♌25'36	17°53'27	
	-357 Sep 07 j 07:06	0°♍		
morning set	-357 Sep 07 j 17:34	0°♍46'25		
superior conj	-357 Sep 19 j 07:26	20°♍52'25	1°02'06	
minimum elong	-357 Sep 19 j 12:29	21°♍13'37	1°01'29	
	-357 Sep 24 j 19:48	0°♎		
max. Earth dist.	-357 Sep 26 j 02:08	2°♎03'02	1.43448 AU	
desc. node	-357 Sep 29 j 02:52	6°♎54'43		
evening rise	-357 Oct 04 j 13:55	15°♎29'26		

	-357 Oct 14 j 02:47	0°♏		
greatest brilliancy	-357 Oct 29 j 09:03	21°♏33'08	-0.4m	
evening max el	-357 Nov 03 j 15:00	27°♏39'32	21°12'46	
	-357 Nov 06 j 03:27	0°♐		
retrograde	-357 Nov 12 j 05:49	2°♐46'42		
evening set	-357 Nov 16 j 06:42	1°♐14'52		
asc. node	-357 Nov 16 j 04:30	1°♐19'02		
	-357 Nov 17 j 16:18	30°℞♏		
inferior conj	-357 Nov 21 j 16:42	24°♏59'22	1°48'44	
minimum elong	-357 Nov 21 j 14:28	25°♏07'05	1°47'52	
min. Earth dist.	-357 Nov 22 j 01:08	24°♏30'20	0.67411 AU	
morning rise	-357 Nov 26 j 21:53	18°♏43'45		
direct	-357 Dec 02 j 01:39	16°♏31'03		
morning max el	-357 Dec 12 j 15:29	22°♏49'07	23°37'53	
	-357 Dec 18 j 22:43	0°♐		
desc. node	-357 Dec 26 j 02:04	9°♐27'55		
	-356 Jan 08 j 20:26	0°♑		
morning set	-356 Jan 16 j 21:35	13°♑11'07		
max. Earth dist.	-356 Jan 20 j 23:22	20°♑13'27	1.38895 AU	
	-356 Jan 26 j 09:30	0°♒		
superior conj	-356 Jan 28 j 09:51	3°♒45'08	-1°-52'-35	
minimum elong	-356 Jan 28 j 13:01	3°♒59'58	1°52'22	
evening rise	-356 Feb 06 j 14:33	21°♒27'45		
	-356 Feb 11 j 01:39	0°♓		
asc. node	-356 Feb 12 j 03:50	2°♓00'47		
evening max el	-356 Feb 22 j 22:36	17°♓46'34	18°44'25	
retrograde	-356 Mar 01 j 23:37	21°♓40'49		
evening set	-356 Mar 04 j 07:23	21°♓22'29		
inferior conj	-356 Mar 12 j 01:50	16°♓59'57	2°46'28	
minimum elong	-356 Mar 12 j 06:11	16°♓51'50	2°45'25	
min. Earth dist.	-356 Mar 15 j 09:45	14°♓32'04	0.57660 AU	
morning rise	-356 Mar 20 j 00:49	11°♓46'31		
desc. node	-356 Mar 23 j 01:12	10°♓45'37		
direct	-356 Mar 25 j 15:42	10°♓28'45		
morning max el	-356 Apr 08 j 23:56	18°♓00'12	26°13'13	
	-356 Apr 18 j 23:26	0°♈		
	-356 May 06 j 02:53	0°♉		
morning set	-356 May 07 j 11:51	2°♉51'29		
asc. node	-356 May 10 j 03:09	8°♉28'43		
superior conj	-356 May 14 j 12:57	18°♉06'07	0°45'07	
minimum elong	-356 May 14 j 11:07	17°♉56'02	0°44'46	
max. Earth dist.	-356 May 14 j 23:54	19°♉06'05	1.32489 AU	
	-356 May 20 j 00:46	0°♊		
evening rise	-356 May 21 j 13:53	3°♊14'59		
	-356 Jun 05 j 01:13	0°♋		
desc. node	-356 Jun 19 j 00:33	18°♋43'02		
evening max el	-356 Jun 21 j 05:20	20°♋55'37	26°56'38	
retrograde	-356 Jul 05 j 04:12	28°♋12'44		
evening set	-356 Jul 12 j 02:32	26°♋05'00		
min. Earth dist.	-356 Jul 15 j 19:14	23°♋24'42	0.60910 AU	
inferior conj	-356 Jul 19 j 01:06	20°♋38'29	-4°-29'-22	
minimum elong	-356 Jul 19 j 04:28	20°♋31'15	4°28'59	
morning rise	-356 Jul 26 j 09:28	15°♋49'37		
direct	-356 Jul 28 j 19:52	15°♋26'04		
morning max el	-356 Aug 04 j 23:36	18°♋57'47	18°03'42	
asc. node	-356 Aug 06 j 02:22	20°♋06'57		
	-356 Aug 13 j 01:07	0°♌		
morning set	-356 Aug 20 j 20:20	14°♌01'06		
	-356 Aug 29 j 13:30	0°♍		
superior conj	-356 Aug 30 j 21:30	2°♍22'34	1°28'58	
minimum elong	-356 Aug 31 j 01:40	2°♍41'00	1°28'35	
max. Earth dist.	-356 Sep 07 j 11:50	15°♍27'06	1.41801 AU	
evening rise	-356 Sep 13 j 07:07	24°♍56'19		
desc. node	-356 Sep 14 j 23:55	27°♍38'38		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-356 Sep 16 j 11:50	0°♎		
	-356 Oct 07 j 01:14	0°♏		
greatest brilliancy	-356 Oct 11 j 13:56	5°♏46'31	-0.3m	
evening max el	-356 Oct 16 j 08:40	11°♏08'33	22°29'16	
retrograde	-356 Oct 26 j 01:20	16°♏54'25		
evening set	-356 Oct 30 j 14:25	15°♏05'12		
asc. node	-356 Nov 02 j 01:34	12°♏35'05		
inferior conj	-356 Nov 04 j 23:41	8°♏43'37	0°59'41	
minimum elong	-356 Nov 04 j 22:20	8°♏48'16	0°59'06	
min. Earth dist.	-356 Nov 04 j 21:25	8°♏51'27	0.67640 AU	
morning rise	-356 Nov 10 j 06:08	2°♏29'36		
direct	-356 Nov 14 j 18:52	0°♏39'21		
morning max el	-356 Nov 24 j 03:18	6°♏11'08	22°11'01	
greatest brilliancy	-356 Nov 28 j 19:41	11°♏27'29	-0.4m	
desc. node	-356 Dec 11 j 23:08	29°♏23'57		
	-356 Dec 12 j 08:59	0°♐		
morning set	-356 Dec 27 j 03:48	22°♐46'14		
	-356 Dec 31 j 13:40	0°♑		
max. Earth dist.	-355 Jan 01 j 20:36	2°♑09'17	1.40997 AU	
superior conj	-355 Jan 09 j 15:13	15°♑36'12	-2°-1'-7	
minimum elong	-355 Jan 09 j 15:53	15°♑39'09	2°01'08	
	-355 Jan 17 j 12:30	0°♒		
evening rise	-355 Jan 19 j 23:39	4°♒35'54		
asc. node	-355 Jan 29 j 00:53	20°♒51'02		
	-355 Feb 04 j 16:45	0°♓		
evening max el	-355 Feb 05 j 05:39	0°♓32'31	18°16'14	
retrograde	-355 Feb 12 j 07:39	4°♓04'32		
evening set	-355 Feb 14 j 20:06	3°♓38'42		
	-355 Feb 20 j 15:37	30°℞♒		
inferior conj	-355 Feb 21 j 21:59	28°♒55'06	3°33'31	
minimum elong	-355 Feb 22 j 00:41	28°♒49'14	3°33'09	
min. Earth dist.	-355 Feb 25 j 07:23	25°♒59'39	0.59691 AU	
morning rise	-355 Mar 01 j 01:49	23°♒17'48		
direct	-355 Mar 07 j 13:57	21°♒21'54		
desc. node	-355 Mar 09 j 22:15	21°♒36'27		
morning max el	-355 Mar 21 j 20:57	29°♒06'47	27°16'45	
	-355 Mar 22 j 18:12	0°♓		
	-355 Apr 12 j 18:15	0°♈		
morning set	-355 Apr 21 j 20:47	17°♈39'57		
asc. node	-355 Apr 27 j 00:13	28°♈39'15		
	-355 Apr 27 j 15:00	0°♉		
max. Earth dist.	-355 Apr 28 j 12:43	1°♉58'52	1.32351 AU	
superior conj	-355 Apr 29 j 00:42	3°♉04'40	0°21'15	
minimum elong	-355 Apr 28 j 23:46	2°♉59'30	0°21'04	
evening rise	-355 May 05 j 23:20	18°♉07'35		
	-355 May 11 j 20:44	0°♊		
	-355 May 31 j 16:42	0°♋		
evening max el	-355 Jun 03 j 03:39	2°♋30'02	25°57'35	
desc. node	-355 Jun 05 j 21:32	4°♋54'55		
retrograde	-355 Jun 17 j 05:01	9°♋42'56		
evening set	-355 Jun 23 j 08:10	8°♋11'55		
min. Earth dist.	-355 Jun 27 j 16:19	5°♋32'53	0.58855 AU	
inferior conj	-355 Jun 30 j 23:51	3°♋05'27	-4°-43'-3	
minimum elong	-355 Jun 30 j 23:54	3°♋05'21	4°43'03	
	-355 Jul 05 j 14:03	30°℞♊		
morning rise	-355 Jul 08 j 19:17	28°♊39'08		
direct	-355 Jul 11 j 06:45	28°♊18'41		
	-355 Jul 16 j 14:51	0°♋		
morning max el	-355 Jul 19 j 07:15	2°♋07'43	18°33'52	
asc. node	-355 Jul 23 j 23:27	7°♋41'57		
morning set	-355 Aug 04 j 11:33	27°♋52'33		
	-355 Aug 05 j 13:54	0°♌		
superior conj	-355 Aug 13 j 10:00	14°♌59'30	1°43'21	
minimum elong	-355 Aug 13 j 12:02	15°♌08'57	1°43'15	
max. Earth dist.	-355 Aug 20 j 16:25	28°♌08'01	1.39854 AU	
	-355 Aug 21 j 18:11	0°♍		
evening rise	-355 Aug 24 j 23:04	5°♍27'31		
desc. node	-355 Sep 01 j 20:56	18°♍15'49		
	-355 Sep 09 j 15:27	0°♎		
evening max el	-355 Sep 28 j 22:14	24°♎40'15	23°49'35	
	-355 Oct 05 j 18:53	0°♏		
retrograde	-355 Oct 09 j 17:31	1°♏02'04		
	-355 Oct 13 j 08:06	30°℞♎		
evening set	-355 Oct 14 j 20:33	28°♎54'39		
min. Earth dist.	-355 Oct 19 j 17:54	23°♎13'48	0.67555 AU	
asc. node	-355 Oct 19 j 22:38	22°♎57'44		
inferior conj	-355 Oct 20 j 06:30	22°♎30'58	0°06'48	
minimum elong	-355 Oct 20 j 06:20	22°♎31'32	0°06'43	
transit middle	-355 Oct 20 j 06:20	22°♎31'32	0°06'43	
transit begin	-355 Oct 20 j 03:51	22°♎39'58		
transit end	-355 Oct 20 j 08:48	22°♎23'07		
morning rise	-355 Oct 25 j 16:15	16°♎21'20		
direct	-355 Oct 29 j 15:10	14°♎52'52		
morning max el	-355 Nov 06 j 21:16	19°♎41'22	20°51'22	
greatest brilliancy	-355 Nov 12 j 15:55	26°♎27'26	-0.5m	
	-355 Nov 15 j 07:49	0°♏		
desc. node	-355 Nov 28 j 20:11	19°♏39'19		
	-355 Dec 05 j 14:05	0°♐		
morning set	-355 Dec 06 j 08:07	1°♐10'15		
max. Earth dist.	-355 Dec 15 j 01:07	15°♐01'07	1.42863 AU	
superior conj	-355 Dec 21 j 20:54	26°♐18'38	-1°-56'-18	
minimum elong	-355 Dec 21 j 17:07	26°♐02'41	1°56'10	
	-355 Dec 24 j 01:04	0°♑		
evening rise	-354 Jan 02 j 18:04	16°♑59'43		
	-354 Jan 10 j 03:25	0°♒		
asc. node	-354 Jan 15 j 21:55	9°♒03'53		
evening max el	-354 Jan 19 j 16:54	13°♒38'01	18°07'42	
retrograde	-354 Jan 26 j 07:02	17°♒02'58		
evening set	-354 Jan 28 j 23:43	16°♒28'24		
inferior conj	-354 Feb 04 j 12:21	11°♒23'06	3°50'52	
minimum elong	-354 Feb 04 j 12:44	11°♒22'09	3°50'52	
min. Earth dist.	-354 Feb 07 j 12:10	8°♒25'14	0.61777 AU	
morning rise	-354 Feb 10 j 23:21	5°♒30'19		
direct	-354 Feb 17 j 22:06	3°♒02'21		
desc. node	-354 Feb 24 j 19:19	5°♒08'39		
morning max el	-354 Mar 03 j 23:59	10°♒52'45	27°45'36	
	-354 Mar 18 j 23:49	0°♓		
	-354 Apr 04 j 23:14	0°♈		
morning set	-354 Apr 06 j 01:17	2°♈12'01		
max. Earth dist.	-354 Apr 11 j 23:23	14°♈41'16	1.32583 AU	
superior conj	-354 Apr 13 j 11:09	17°♈55'25	0°-4'-27	
minimum elong	-354 Apr 13 j 11:22	17°♈56'33	0°04'25	
behind sun begin	-354 Apr 13 j 06:26	17°♈29'42		
behind sun end	-354 Apr 13 j 16:18	18°♈23'26		
asc. node	-354 Apr 13 j 21:16	18°♈50'30		
	-354 Apr 19 j 00:31	0°♉		
evening rise	-354 Apr 20 j 10:49	3°♉02'40		
	-354 May 05 j 02:05	0°♊		
evening max el	-354 May 15 j 20:00	13°♊24'12	24°33'59	
desc. node	-354 May 23 j 18:32	19°♊04'36		
retrograde	-354 May 29 j 18:26	20°♊26'41		
evening set	-354 Jun 03 j 14:51	19°♊33'46		
min. Earth dist.	-354 Jun 09 j 07:29	16°♊39'24	0.56964 AU	
inferior conj	-354 Jun 12 j 02:48	14°♊51'01	-4°-23'-52	
minimum elong	-354 Jun 11 j 22:14	14°♊58'26	4°23'15	
morning rise	-354 Jun 20 j 09:25	10°♊45'08		
direct	-354 Jun 22 j 23:29	10°♊26'36		
morning max el	-354 Jul 02 j 06:26	14°♊45'47	19°25'01	
asc. node	-354 Jul 10 j 20:30	26°♊04'50		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-354 Jul 13 j 02:54	0°♋	
morning set	-354 Jul 19 j 11:32	12°♋11'22	
superior conj	-354 Jul 27 j 15:19	28°♋27'45	1°47'21
minimum elong	-354 Jul 27 j 15:17	28°♋27'35	1°47'22
	-354 Jul 28 j 10:13	0°♌	
max. Earth dist.	-354 Aug 02 j 19:37	10°♌13'23	1.37856 AU
evening rise	-354 Aug 06 j 15:50	17°♌09'44	
	-354 Aug 14 j 05:33	0°♍	
desc. node	-354 Aug 19 j 17:55	8°♍42'00	
	-354 Sep 04 j 01:00	0°♎	
evening max el	-354 Sep 11 j 09:57	8°♎15'49	25°06'51
retrograde	-354 Sep 23 j 05:29	15°♎06'15	
evening set	-354 Sep 28 j 23:24	12°♎41'32	
min. Earth dist.	-354 Oct 03 j 12:10	7°♎35'52	0.67151 AU
inferior conj	-354 Oct 04 j 11:24	6°♎19'44	0°-48'-24
minimum elong	-354 Oct 04 j 12:36	6°♎15'47	0°47'53
asc. node	-354 Oct 06 j 19:41	3°♎22'26	
morning rise	-354 Oct 10 j 02:19	0°♎17'27	
	-354 Oct 10 j 13:31	30°℞♍	
direct	-354 Oct 13 j 13:18	29°♍08'22	
	-354 Oct 16 j 16:43	0°♎	
morning max el	-354 Oct 20 j 22:58	3°♎22'03	19°43'55
greatest brilliancy	-354 Oct 28 j 23:44	13°♎25'20	-0.6m
	-354 Nov 09 j 03:08	0°♏	
morning set	-354 Nov 15 j 05:18	9°♏22'28	
desc. node	-354 Nov 15 j 17:13	10°♏08'35	
max. Earth dist.	-354 Nov 27 j 13:26	28°♏41'47	1.44233 AU
	-354 Nov 28 j 09:05	0°♐	
superior conj	-354 Dec 01 j 23:36	5°♐46'40	-1°-34'-2
minimum elong	-354 Dec 01 j 15:46	5°♐15'07	1°33'21
evening rise	-354 Dec 15 j 17:30	28°♐31'41	
	-354 Dec 16 j 14:21	0°♑	
asc. node	-353 Jan 02 j 18:57	26°♑28'31	
evening max el	-353 Jan 03 j 05:27	26°♑55'48	18°18'15
	-353 Jan 07 j 11:38	0°♒	
retrograde	-353 Jan 09 j 17:23	0°♒26'43	
	-353 Jan 11 j 22:57	30°℞♑	
evening set	-353 Jan 12 j 14:28	29°♑42'30	
inferior conj	-353 Jan 18 j 17:05	24°♑16'54	3°46'20
minimum elong	-353 Jan 18 j 15:38	24°♑20'56	3°46'12
min. Earth dist.	-353 Jan 21 j 02:22	21°♑37'21	0.63656 AU
morning rise	-353 Jan 24 j 15:12	18°♑13'58	
direct	-353 Jan 31 j 14:14	15°♑27'18	
desc. node	-353 Feb 11 j 16:23	20°♑49'37	
morning max el	-353 Feb 14 j 07:45	23°♑17'21	27°37'38
	-353 Feb 20 j 07:56	0°♒	
	-353 Mar 12 j 06:00	0°♓	
morning set	-353 Mar 20 j 22:58	16°♓20'00	
max. Earth dist.	-353 Mar 26 j 04:03	27°♓00'49	1.33211 AU
	-353 Mar 27 j 13:56	0°♈	
superior conj	-353 Mar 28 j 18:32	2°♈32'35	0°-31'-5
minimum elong	-353 Mar 28 j 20:01	2°♈40'33	0°30'48
asc. node	-353 Mar 31 j 18:16	8°♈58'20	
evening rise	-353 Apr 04 j 22:30	17°♈53'53	
	-353 Apr 10 j 22:49	0°♉	
evening max el	-353 Apr 27 j 10:53	23°♉58'52	22°59'04
	-353 May 06 j 19:08	0°♊	
retrograde	-353 May 10 j 19:19	0°♊36'38	
desc. node	-353 May 10 j 15:34	0°♊36'35	
evening set	-353 May 14 j 05:43	0°♊10'49	
	-353 May 14 j 21:52	30°℞♉	
min. Earth dist.	-353 May 21 j 20:09	26°♉48'06	0.55578 AU
inferior conj	-353 May 23 j 10:22	25°♉52'47	-3°-20'-53
minimum elong	-353 May 23 j 03:12	26°♉03'11	3°19'02

morning rise	-353 Jun 01 j 03:41	21°♉58'52	
direct	-353 Jun 03 j 21:36	21°♉40'59	
morning max el	-353 Jun 14 j 19:03	26°♉44'00	20°36'54
	-353 Jun 17 j 21:32	0°♊	
asc. node	-353 Jun 27 j 17:33	15°♊04'00	
morning set	-353 Jul 03 j 17:30	26°♊49'29	
	-353 Jul 05 j 06:34	0°♋	
superior conj	-353 Jul 11 j 08:37	12°♋33'14	1°43'12
minimum elong	-353 Jul 11 j 07:07	12°♋25'34	1°43'07
max. Earth dist.	-353 Jul 16 j 02:49	22°♋03'06	1.36037 AU
evening rise	-353 Jul 20 j 05:41	29°♋53'42	
	-353 Jul 20 j 07:03	0°♌	
desc. node	-353 Aug 06 j 14:55	28°♌51'10	
	-353 Aug 07 j 09:36	0°♍	
evening max el	-353 Aug 24 j 21:26	21°♍51'49	26°13'26
retrograde	-353 Sep 06 j 12:40	29°♍01'17	
evening set	-353 Sep 12 j 21:01	26°♍22'48	
min. Earth dist.	-353 Sep 17 j 01:46	21°♍54'21	0.66413 AU
inferior conj	-353 Sep 18 j 12:34	20°♍06'46	-1°-44'-19
minimum elong	-353 Sep 18 j 15:12	19°♍58'37	1°43'15
asc. node	-353 Sep 23 j 16:45	14°♍43'07	
morning rise	-353 Sep 24 j 10:20	14°♍14'50	
direct	-353 Sep 27 j 11:29	13°♍21'45	
morning max el	-353 Oct 04 j 07:37	17°♍10'42	18°51'17
	-353 Oct 13 j 23:30	0°♎	
morning set	-353 Oct 25 j 19:19	18°♎30'04	
	-353 Nov 02 j 02:18	0°♏	
desc. node	-353 Nov 02 j 14:14	0°♏46'54	
max. Earth dist.	-353 Nov 10 j 06:33	12°♏51'19	1.44938 AU
superior conj	-353 Nov 11 j 04:33	14°♏17'52	0°-54'-18
minimum elong	-353 Nov 10 j 21:49	13°♏51'21	0°53'29
	-353 Nov 21 j 02:21	0°♐	
evening rise	-353 Nov 26 j 18:01	9°♐04'50	
	-353 Dec 09 j 20:55	0°♑	
evening max el	-353 Dec 17 j 16:40	10°♑19'42	18°47'04
asc. node	-353 Dec 20 j 15:59	12°♑51'00	
retrograde	-353 Dec 24 j 10:33	14°♑07'22	
evening set	-353 Dec 27 j 13:03	13°♑12'19	
inferior conj	-352 Jan 02 j 08:22	7°♑28'54	3°26'08
minimum elong	-352 Jan 02 j 05:52	7°♑36'32	3°25'40
min. Earth dist.	-352 Jan 04 j 02:21	5°♑20'43	0.65189 AU
morning rise	-352 Jan 07 j 21:37	1°♑19'16	
	-352 Jan 09 j 15:45	30°℞♐	
direct	-352 Jan 14 j 13:13	28°♐28'31	
	-352 Jan 19 j 22:20	0°♑	
morning max el	-352 Jan 27 j 17:32	6°♑09'52	26°56'42
desc. node	-352 Jan 29 j 13:25	8°♑04'00	
	-352 Feb 15 j 02:05	0°♒	
morning set	-352 Mar 03 j 10:39	29°♒53'59	
	-352 Mar 03 j 11:54	0°♓	
max. Earth dist.	-352 Mar 07 j 22:54	8°♓47'14	1.34265 AU
superior conj	-352 Mar 11 j 20:50	16°♓49'53	0°-57'-33
minimum elong	-352 Mar 11 j 23:33	17°♓04'03	0°57'05
asc. node	-352 Mar 17 j 15:18	28°♓59'02	
	-352 Mar 18 j 02:54	0°♈	
evening rise	-352 Mar 19 j 08:33	2°♈34'58	
	-352 Apr 04 j 01:42	0°♉	
evening max el	-352 Apr 08 j 07:31	4°♉45'07	21°27'33
retrograde	-352 Apr 20 j 10:37	10°♉39'03	
evening set	-352 Apr 22 j 21:07	10°♉25'30	
desc. node	-352 Apr 26 j 12:35	9°♉19'37	
inferior conj	-352 May 02 j 05:55	6°♉24'48	-1°-37'-9
minimum elong	-352 May 02 j 01:24	6°♉31'09	1°35'37
min. Earth dist.	-352 May 02 j 09:08	6°♉20'17	0.55004 AU

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morning rise	-352 May 11 j 06:06	2°♉25'36	
direct	-352 May 14 j 08:30	2°♉04'38	
morning max el	-352 May 26 j 20:54	8°♉00'30	22°06'31
	-352 Jun 11 j 06:26	0°♊	
asc. node	-352 Jun 13 j 14:35	4°♊30'26	
morning set	-352 Jun 17 j 03:15	11°♊40'49	
superior conj	-352 Jun 24 j 10:16	27°♊05'02	1°32'40
minimum elong	-352 Jun 24 j 07:57	26°♊52'54	1°32'26
	-352 Jun 25 j 19:41	0°♋	
max. Earth dist.	-352 Jun 27 j 18:27	4°♋01'38	1.34551 AU
evening rise	-352 Jul 02 j 11:46	13°♋26'46	
	-352 Jul 11 j 13:47	0°♌	
desc. node	-352 Jul 23 j 11:56	18°♌35'50	
	-352 Aug 01 j 08:06	0°♍	
evening max el	-352 Aug 06 j 09:12	5°♍21'47	27°01'38
retrograde	-352 Aug 19 j 14:44	12°♍40'32	
evening set	-352 Aug 26 j 11:08	9°♍55'28	
min. Earth dist.	-352 Aug 30 j 08:34	6°♍04'34	0.65318 AU
inferior conj	-352 Sep 01 j 07:57	3°♍48'58	-2°-38'-53
minimum elong	-352 Sep 01 j 11:51	3°♍37'47	2°37'31
	-352 Sep 04 j 23:17	30°℞♌	
morning rise	-352 Sep 07 j 14:02	28°♌10'28	
asc. node	-352 Sep 09 j 13:47	27°♌32'43	
direct	-352 Sep 10 j 07:48	27°♌29'39	
	-352 Sep 15 j 18:18	0°♍	
morning max el	-352 Sep 16 j 21:05	1°♍03'03	18°14'58
morning set	-352 Oct 05 j 13:33	29°♍01'49	
	-352 Oct 06 j 03:42	0°♎	
desc. node	-352 Oct 19 j 11:16	21°♎31'04	
superior conj	-352 Oct 20 j 06:24	22°♎46'56	0°-5'-14
minimum elong	-352 Oct 20 j 05:43	22°♎44'14	0°05'10
behind sun begin	-352 Oct 19 j 19:10	22°♎02'28	
behind sun end	-352 Oct 20 j 16:15	23°♎25'59	
max. Earth dist.	-352 Oct 23 j 01:00	27°♎10'00	1.44912 AU
	-352 Oct 24 j 20:14	0°♏	
evening rise	-352 Nov 05 j 19:05	18°♏40'48	
	-352 Nov 13 j 01:48	0°♐	
greatest brilliancy	-352 Nov 21 j 13:59	12°♐53'07	-0.7m
evening max el	-352 Nov 30 j 00:25	23°♐46'31	19°32'40
asc. node	-352 Dec 06 j 13:02	27°♐56'31	
retrograde	-352 Dec 07 j 07:12	27°♐59'45	
evening set	-352 Dec 10 j 16:47	26°♐52'08	
inferior conj	-352 Dec 16 j 07:04	20°♐53'50	2°54'36
minimum elong	-352 Dec 16 j 04:14	21°♐03'04	2°53'49
min. Earth dist.	-352 Dec 17 j 10:52	19°♐23'12	0.66344 AU
morning rise	-352 Dec 21 j 14:56	14°♐40'07	
direct	-352 Dec 27 j 18:22	11°♐57'46	
morning max el	-351 Jan 09 j 02:48	19°♐17'08	25°50'17
desc. node	-351 Jan 15 j 10:28	26°♐24'37	
	-351 Jan 18 j 06:20	0°♑	
	-351 Feb 07 j 03:48	0°♒	
morning set	-351 Feb 14 j 07:58	12°♒40'14	
max. Earth dist.	-351 Feb 18 j 05:37	19°♒59'57	1.35775 AU
	-351 Feb 23 j 07:42	0°♓	
superior conj	-351 Feb 23 j 15:27	0°♓39'04	-1°-22'-22
minimum elong	-351 Feb 23 j 19:04	0°♓57'17	1°21'51
evening rise	-351 Mar 03 j 14:57	16°♓58'45	
asc. node	-351 Mar 04 j 12:21	18°♓47'24	
	-351 Mar 10 j 07:19	0°♈	
evening max el	-351 Mar 21 j 14:42	16°♈03'46	20°09'31
retrograde	-351 Apr 01 j 01:16	21°♈04'10	
evening set	-351 Apr 03 j 04:14	20°♈52'39	
inferior conj	-351 Apr 12 j 02:56	16°♈53'55	0°21'50
minimum elong	-351 Apr 12 j 03:55	16°♈52'27	0°21'29
desc. node	-351 Apr 13 j 09:38	16°♈08'01	
min. Earth dist.	-351 Apr 13 j 23:12	15°♈47'55	0.55392 AU
morning rise	-351 Apr 21 j 00:58	12°♈30'51	
direct	-351 Apr 24 j 22:11	11°♈57'50	
morning max el	-351 May 08 j 14:26	18°♈42'35	23°46'25
	-351 May 17 j 22:20	0°♉	
asc. node	-351 May 31 j 11:37	24°♉16'07	
morning set	-351 Jun 01 j 14:56	26°♉38'30	
	-351 Jun 03 j 04:59	0°♊	
superior conj	-351 Jun 08 j 17:20	11°♊53'00	1°17'10
minimum elong	-351 Jun 08 j 14:50	11°♊39'30	1°16'48
max. Earth dist.	-351 Jun 10 j 19:32	16°♊21'39	1.33456 AU
evening rise	-351 Jun 16 j 05:34	27°♊34'53	
	-351 Jun 17 j 10:44	0°♋	
	-351 Jul 04 j 19:52	0°♌	
desc. node	-351 Jul 10 j 08:58	7°♌44'39	
evening max el	-351 Jul 19 j 20:16	18°♌34'32	27°24'27
retrograde	-351 Aug 02 j 11:04	25°♌54'40	
evening set	-351 Aug 09 j 14:45	23°♌13'48	
min. Earth dist.	-351 Aug 13 j 06:30	19°♌57'36	0.63854 AU
inferior conj	-351 Aug 15 j 19:02	17°♌20'32	-3°-29'-22
minimum elong	-351 Aug 15 j 23:41	17°♌08'27	3°28'06
morning rise	-351 Aug 22 j 10:40	11°♌58'39	
direct	-351 Aug 24 j 23:36	11°♌26'36	
asc. node	-351 Aug 27 j 10:50	11°♌57'15	
morning max el	-351 Aug 31 j 12:42	14°♌52'43	17°56'02
	-351 Sep 11 j 02:29	0°♍	
morning set	-351 Sep 17 j 10:27	10°♍50'51	
	-351 Sep 28 j 18:05	0°♎	
superior conj	-351 Sep 30 j 02:06	2°♎11'32	0°40'38
minimum elong	-351 Sep 30 j 06:15	2°♎28'31	0°40'05
max. Earth dist.	-351 Oct 05 j 18:11	11°♎21'34	1.44168 AU
desc. node	-351 Oct 06 j 08:19	12°♎17'56	
evening rise	-351 Oct 16 j 04:03	27°♎40'09	
	-351 Oct 17 j 16:26	0°♏	
greatest brilliancy	-351 Nov 07 j 01:51	29°♏58'45	-0.5m
	-351 Nov 07 j 02:13	0°♐	
evening max el	-351 Nov 13 j 03:09	7°♐14'58	20°32'52
retrograde	-351 Nov 21 j 04:47	12°♐00'39	
asc. node	-351 Nov 23 j 10:05	11°♐32'34	
evening set	-351 Nov 24 j 23:30	10°♐38'21	
inferior conj	-351 Nov 30 j 10:37	4°♐28'23	2°14'40
minimum elong	-351 Nov 30 j 08:01	4°♐37'10	2°13'47
min. Earth dist.	-351 Dec 01 j 01:46	3°♐36'56	0.67124 AU
	-351 Dec 03 j 22:00	30°℞♏	
morning rise	-351 Dec 05 j 16:03	28°♏12'52	
direct	-351 Dec 11 j 04:49	25°♏47'43	
	-351 Dec 19 j 18:51	0°♐	
morning max el	-351 Dec 22 j 11:06	2°♐30'45	24°28'11
desc. node	-350 Jan 02 j 07:31	15°♐32'24	
	-350 Jan 12 j 09:50	0°♑	
morning set	-350 Jan 27 j 09:17	24°♑22'58	
	-350 Jan 30 j 13:10	0°♒	
max. Earth dist.	-350 Jan 31 j 02:52	1°♒01'56	1.37686 AU
superior conj	-350 Feb 06 j 23:10	13°♒51'29	-1°-43'-21
minimum elong	-350 Feb 07 j 02:53	14°♒09'25	1°43'00
	-350 Feb 15 j 03:33	0°♓	
evening rise	-350 Feb 15 j 15:24	0°♓58'48	
asc. node	-350 Feb 19 j 09:25	8°♓18'18	
evening max el	-350 Mar 04 j 08:56	28°♓00'24	19°09'47
	-350 Mar 06 j 18:20	0°♈	
retrograde	-350 Mar 13 j 04:01	2°♈14'08	
evening set	-350 Mar 15 j 09:24	1°♈59'06	
	-350 Mar 20 j 03:53	30°℞♓	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-350 Mar 23 j 14:27	27°♓47'35	2°03'20
minimum elong	-350 Mar 23 j 18:40	27°♓40'24	2°02'05
min. Earth dist.	-350 Mar 26 j 14:29	25°♓45'41	0.56652 AU
desc. node	-350 Mar 31 j 06:40	23°♓09'41	
morning rise	-350 Mar 31 j 23:53	22°♓52'17	
direct	-350 Apr 05 j 23:48	21°♓54'10	
morning max el	-350 Apr 20 j 05:01	29°♓12'25	25°24'05
	-350 Apr 21 j 00:22	0°♈	
	-350 May 11 j 08:22	0°♉	
morning set	-350 May 17 j 02:51	11°♉37'10	
asc. node	-350 May 18 j 08:42	14°♉15'19	
superior conj	-350 May 24 j 03:39	26°♉49'48	0°57'45
minimum elong	-350 May 24 j 01:27	26°♉37'46	0°57'21
max. Earth dist.	-350 May 25 j 04:05	29°♉03'03	1.32743 AU
	-350 May 25 j 14:34	0°♊	
evening rise	-350 May 31 j 07:31	12°♊07'11	
	-350 Jun 09 j 15:15	0°♋	
desc. node	-350 Jun 27 j 05:59	26°♋02'40	
	-350 Jun 30 j 20:57	0°♌	
evening max el	-350 Jul 02 j 04:17	1°♌16'54	27°16'18
retrograde	-350 Jul 16 j 00:37	8°♌34'29	
evening set	-350 Jul 23 j 04:00	6°♌10'58	
min. Earth dist.	-350 Jul 26 j 18:13	3°♌21'24	0.62061 AU
inferior conj	-350 Jul 29 j 18:49	0°♌34'10	-4°-11'-29
minimum elong	-350 Jul 29 j 23:08	0°♌24'10	4°10'42
	-350 Jul 30 j 09:39	30°℞♋	
morning rise	-350 Aug 05 j 20:53	25°♋32'13	
direct	-350 Aug 08 j 07:36	25°♋06'04	
asc. node	-350 Aug 14 j 07:54	27°♋47'27	
morning max el	-350 Aug 15 j 03:33	28°♋32'59	17°55'20
	-350 Aug 16 j 12:21	0°♌	
morning set	-350 Aug 31 j 04:00	23°♌38'59	
	-350 Sep 03 j 16:29	0°♍	
superior conj	-350 Sep 11 j 00:53	12°♍56'08	1°15'08
minimum elong	-350 Sep 11 j 05:50	13°♍17'25	1°14'36
max. Earth dist.	-350 Sep 18 j 07:36	25°♍09'00	1.42805 AU
	-350 Sep 21 j 07:22	0°♎	
desc. node	-350 Sep 23 j 05:21	3°♎03'42	
evening rise	-350 Sep 25 j 13:10	6°♎43'57	
	-350 Oct 10 j 23:56	0°♏	
greatest brilliancy	-350 Oct 22 j 03:44	15°♏11'39	-0.4m
evening max el	-350 Oct 27 j 00:05	20°♏43'37	21°44'34
retrograde	-350 Nov 05 j 01:25	26°♏06'37	
evening set	-350 Nov 09 j 07:20	24°♏27'31	
asc. node	-350 Nov 10 j 07:08	23°♏35'23	
inferior conj	-350 Nov 14 j 16:52	18°♏09'12	1°28'27
minimum elong	-350 Nov 14 j 14:57	18°♏15'46	1°27'41
min. Earth dist.	-350 Nov 14 j 20:39	17°♏56'05	0.67552 AU
morning rise	-350 Nov 19 j 22:20	11°♏54'11	
direct	-350 Nov 24 j 19:43	9°♏50'50	
morning max el	-350 Dec 04 j 20:38	15°♏48'38	23°00'27
greatest brilliancy	-350 Dec 09 j 15:57	21°♏11'14	-0.3m
	-350 Dec 16 j 10:56	0°♐	
desc. node	-350 Dec 20 j 04:35	5°♐13'20	
	-349 Jan 05 j 10:36	0°♑	
morning set	-349 Jan 08 j 08:15	4°♑45'40	
max. Earth dist.	-349 Jan 12 j 22:17	12°♑30'52	1.39805 AU
superior conj	-349 Jan 20 j 15:34	26°♑15'15	-1°-57'-33
minimum elong	-349 Jan 20 j 17:56	26°♑26'05	1°57'28
	-349 Jan 22 j 16:10	0°♒	
evening rise	-349 Jan 30 j 07:00	14°♒27'33	
asc. node	-349 Feb 06 j 06:27	27°♒24'59	
	-349 Feb 07 j 18:39	0°♓	
evening max el	-349 Feb 15 j 12:02	10°♓29'36	18°29'58
retrograde	-349 Feb 23 j 01:39	14°♓12'21	
evening set	-349 Feb 25 j 11:36	13°♓50'52	
inferior conj	-349 Mar 04 j 22:35	9°♓19'15	3°10'33
minimum elong	-349 Mar 05 j 02:25	9°♓11'35	3°09'47
min. Earth dist.	-349 Mar 08 j 08:44	6°♓36'58	0.58499 AU
morning rise	-349 Mar 12 j 13:24	3°♓54'50	
desc. node	-349 Mar 18 j 03:42	2°♓21'36	
direct	-349 Mar 18 j 14:29	2°♓21'05	
morning max el	-349 Apr 01 j 22:36	9°♓58'30	26°44'12
	-349 Apr 17 j 06:42	0°♈	
morning set	-349 May 01 j 13:23	26°♈30'55	
	-349 May 03 j 04:57	0°♉	
asc. node	-349 May 05 j 05:46	4°♉22'47	
superior conj	-349 May 08 j 15:20	11°♉49'01	0°35'17
minimum elong	-349 May 08 j 13:50	11°♉40'48	0°34'59
max. Earth dist.	-349 May 08 j 16:33	11°♉55'39	1.32388 AU
evening rise	-349 May 15 j 14:53	26°♉54'20	
	-349 May 17 j 02:41	0°♊	
	-349 Jun 03 j 05:44	0°♋	
desc. node	-349 Jun 14 j 02:59	13°♋08'55	
evening max el	-349 Jun 14 j 06:33	13°♋17'29	26°35'09
retrograde	-349 Jun 28 j 06:23	20°♋32'24	
evening set	-349 Jul 04 j 22:26	18°♋39'16	
min. Earth dist.	-349 Jul 08 j 19:49	16°♋01'59	0.60041 AU
inferior conj	-349 Jul 12 j 03:47	13°♋21'18	-4°-38'-23
minimum elong	-349 Jul 12 j 06:00	13°♋16'49	4°38'14
morning rise	-349 Jul 19 j 16:49	8°♋41'59	
direct	-349 Jul 22 j 03:38	8°♋19'47	
morning max el	-349 Jul 29 j 14:45	11°♋57'01	18°14'00
asc. node	-349 Aug 01 j 04:59	14°♋48'53	
	-349 Aug 10 j 16:22	0°♌	
morning set	-349 Aug 14 j 12:39	7°♌11'21	
superior conj	-349 Aug 24 j 01:17	24°♌57'20	1°36'29
minimum elong	-349 Aug 24 j 04:35	25°♌12'18	1°36'14
	-349 Aug 26 j 20:50	0°♍	
max. Earth dist.	-349 Aug 31 j 15:33	8°♍17'44	1.41000 AU
evening rise	-349 Sep 05 j 15:17	16°♍36'15	
desc. node	-349 Sep 10 j 02:22	23°♍45'22	
	-349 Sep 14 j 02:57	0°♎	
greatest brilliancy	-349 Oct 04 j 05:04	28°♎06'32	-0.2m
	-349 Oct 05 j 19:02	0°♏	
evening max el	-349 Oct 09 j 15:46	4°♏13'39	23°03'15
retrograde	-349 Oct 19 j 19:36	10°♏15'08	
evening set	-349 Oct 24 j 14:36	8°♏17'55	
asc. node	-349 Oct 28 j 04:11	4°♏23'17	
inferior conj	-349 Oct 29 j 23:58	1°♏54'56	0°37'35
minimum elong	-349 Oct 29 j 23:06	1°♏57'56	0°37'13
min. Earth dist.	-349 Oct 29 j 17:14	2°♏18'09	0.67649 AU
	-349 Oct 31 j 09:48	30°℞♎	
morning rise	-349 Nov 04 j 07:38	25°♎42'42	
direct	-349 Nov 08 j 14:15	24°♎02'05	
morning max el	-349 Nov 17 j 10:52	29°♎14'16	21°35'53
	-349 Nov 18 j 04:34	0°♏	
greatest brilliancy	-349 Nov 22 j 10:43	4°♏55'56	-0.4m
desc. node	-349 Dec 07 j 01:38	25°♏18'16	
	-349 Dec 10 j 04:48	0°♐	
morning set	-349 Dec 19 j 02:14	13°♐46'09	
max. Earth dist.	-349 Dec 25 j 22:46	24°♐52'00	1.41842 AU
	-349 Dec 29 j 00:31	0°♑	
superior conj	-348 Jan 02 j 11:25	7°♑37'53	-2°00'-59
minimum elong	-348 Jan 02 j 10:22	7°♑33'20	2°01'00
evening rise	-348 Jan 13 j 10:21	27°♑17'41	
	-348 Jan 14 j 21:50	0°♒	
asc. node	-348 Jan 24 j 03:29	16°♒00'10	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-348 Jan 29 j 21:06	23°♒23'53	18°10'09
retrograde	-348 Feb 05 j 16:55	26°♒51'34	
evening set	-348 Feb 08 j 07:06	26°♒22'10	
inferior conj	-348 Feb 15 j 02:54	21°♒28'58	3°44'02
minimum elong	-348 Feb 15 j 04:36	21°♒25'02	3°43'53
min. Earth dist.	-348 Feb 18 j 09:03	18°♒29'35	0.60586 AU
morning rise	-348 Feb 21 j 23:06	15°♒43'56	
direct	-348 Feb 28 j 16:51	13°♒33'21	
desc. node	-348 Mar 04 j 00:46	14°♒23'15	
morning max el	-348 Mar 13 j 22:25	21°♒21'28	27°33'44
	-348 Mar 21 j 11:23	0°♓	
	-348 Apr 09 j 04:56	0°♈	
morning set	-348 Apr 14 j 20:41	11°♈13'00	
max. Earth dist.	-348 Apr 21 j 05:00	24°♈45'41	1.32397 AU
asc. node	-348 Apr 21 j 02:47	24°♈33'39	
superior conj	-348 Apr 22 j 02:42	26°♈44'22	0°10'32
minimum elong	-348 Apr 22 j 02:13	26°♈41'44	0°10'26
behind sun begin	-348 Apr 21 j 22:24	26°♈20'50	
behind sun end	-348 Apr 22 j 06:02	27°♈02'39	
	-348 Apr 23 j 14:24	0°♉	
evening rise	-348 Apr 29 j 01:23	11°♉48'12	
	-348 May 08 j 08:30	0°♊	
evening max el	-348 May 26 j 01:48	24°♊32'14	25°24'22
desc. node	-348 May 31 j 00:00	28°♊33'22	
	-348 Jun 02 j 11:10	0°♋	
retrograde	-348 Jun 09 j 02:47	1°♋42'34	
evening set	-348 Jun 14 j 18:12	0°♋28'01	
	-348 Jun 15 j 18:26	30°℞♊	
min. Earth dist.	-348 Jun 19 j 13:42	27°♊44'34	0.58006 AU
inferior conj	-348 Jun 22 j 18:19	25°♊31'08	-4°-39'-43
minimum elong	-348 Jun 22 j 16:26	25°♊34'26	4°39'37
morning rise	-348 Jun 30 j 18:33	21°♊14'33	
direct	-348 Jul 03 j 07:00	20°♊55'04	
morning max el	-348 Jul 11 j 19:14	24°♊54'54	18°53'06
	-348 Jul 16 j 04:22	0°♋	
asc. node	-348 Jul 18 j 02:02	2°♋45'39	
morning set	-348 Jul 28 j 07:59	21°♋15'31	
	-348 Aug 01 j 18:44	0°♌	
superior conj	-348 Aug 05 j 21:39	7°♌58'30	1°46'11
minimum elong	-348 Aug 05 j 22:45	8°♌03'44	1°46'08
max. Earth dist.	-348 Aug 12 j 18:50	20°♌41'30	1.38994 AU
evening rise	-348 Aug 16 j 18:00	27°♌37'59	
	-348 Aug 18 j 03:21	0°♍	
desc. node	-348 Aug 26 j 23:22	14°♍18'25	
	-348 Sep 06 j 15:32	0°♎	
evening max el	-348 Sep 21 j 04:06	17°♎46'19	24°23'06
retrograde	-348 Oct 02 j 10:15	24°♎21'59	
evening set	-348 Oct 07 j 19:34	22°♎06'46	
min. Earth dist.	-348 Oct 12 j 13:04	16°♎40'36	0.67425 AU
inferior conj	-348 Oct 13 j 06:12	15°♎43'06	0°-16'-26
minimum elong	-348 Oct 13 j 06:35	15°♎41'46	0°16'16
transit middle	-348 Oct 13 j 06:35	15°♎41'46	0°16'16
transit begin	-348 Oct 13 j 06:32	15°♎41'57	
transit end	-348 Oct 13 j 06:39	15°♎41'35	
asc. node	-348 Oct 14 j 01:13	14°♎39'33	
morning rise	-348 Oct 18 j 17:57	9°♎36'17	
direct	-348 Oct 22 j 11:26	8°♎16'40	
morning max el	-348 Oct 30 j 08:13	12°♎49'28	20°20'54
greatest brilliancy	-348 Nov 05 j 21:57	20°♎42'58	-0.5m
	-348 Nov 12 j 12:07	0°♏	
desc. node	-348 Nov 22 j 22:41	15°♏39'59	
morning set	-348 Nov 27 j 00:27	21°♏56'10	
	-348 Dec 02 j 04:25	0°♐	
max. Earth dist.	-348 Dec 07 j 06:28	8°♐05'10	1.43515 AU
superior conj	-348 Dec 13 j 05:39	17°♐48'07	-1°-49'-8
minimum elong	-348 Dec 12 j 23:50	17°♐24'06	1°48'47
	-348 Dec 20 j 11:39	0°♑	
evening rise	-348 Dec 25 j 21:14	9°♑20'29	
	-347 Jan 07 j 04:37	0°♒	
asc. node	-347 Jan 10 j 00:30	3°♒54'06	
evening max el	-347 Jan 12 j 09:13	6°♒35'23	18°09'56
retrograde	-347 Jan 18 j 21:32	10°♒01'42	
evening set	-347 Jan 21 j 15:54	9°♒23'19	
inferior conj	-347 Jan 27 j 23:54	4°♒09'19	3°51'12
minimum elong	-347 Jan 27 j 23:26	4°♒10'35	3°51'11
min. Earth dist.	-347 Jan 30 j 17:56	1°♒16'46	0.62605 AU
	-347 Feb 01 j 01:30	30°℞♑	
morning rise	-347 Feb 03 j 04:52	28°♑11'25	
direct	-347 Feb 10 j 04:49	25°♑33'24	
desc. node	-347 Feb 18 j 21:49	28°♑54'48	
	-347 Feb 20 j 08:22	0°♒	
morning max el	-347 Feb 24 j 03:55	3°♒25'34	27°46'38
	-347 Mar 15 j 22:45	0°♓	
morning set	-347 Mar 29 j 22:37	25°♓36'17	
	-347 Apr 01 j 02:08	0°♈	
max. Earth dist.	-347 Apr 04 j 13:29	7°♈19'31	1.32790 AU
superior conj	-347 Apr 06 j 12:04	11°♈30'19	0°-15'-41
minimum elong	-347 Apr 06 j 12:49	11°♈34'20	0°15'32
behind sun begin	-347 Apr 06 j 11:45	11°♈28'38	
behind sun end	-347 Apr 06 j 13:52	11°♈40'03	
asc. node	-347 Apr 07 j 23:49	14°♈44'07	
evening rise	-347 Apr 13 j 13:10	26°♈42'21	
	-347 Apr 15 j 02:56	0°♉	
	-347 May 02 j 22:23	0°♊	
evening max el	-347 May 07 j 16:39	5°♊14'30	23°54'11
desc. node	-347 May 17 j 21:00	11°♊39'52	
retrograde	-347 May 21 j 11:24	12°♊09'26	
evening set	-347 May 25 j 16:39	11°♊30'02	
min. Earth dist.	-347 Jun 01 j 03:43	8°♊24'48	0.56285 AU
inferior conj	-347 Jun 03 j 12:38	6°♊57'36	-4°-2'-52
minimum elong	-347 Jun 03 j 06:28	7°♊07'07	4°01'42
morning rise	-347 Jun 11 j 23:58	2°♊58'17	
direct	-347 Jun 14 j 15:08	2°♊40'26	
morning max el	-347 Jun 24 j 14:11	7°♊17'07	19°53'10
asc. node	-347 Jul 04 j 23:05	21°♊25'02	
	-347 Jul 09 j 13:53	0°♋	
morning set	-347 Jul 12 j 10:48	5°♋43'00	
superior conj	-347 Jul 20 j 08:36	21°♋44'02	1°46'28
minimum elong	-347 Jul 20 j 07:52	21°♋40'21	1°46'27
	-347 Jul 24 j 13:59	0°♌	
max. Earth dist.	-347 Jul 25 j 22:32	2°♌34'48	1.37048 AU
evening rise	-347 Jul 29 j 20:22	9°♌48'09	
	-347 Aug 10 j 20:10	0°♍	
desc. node	-347 Aug 13 j 20:21	4°♍37'56	
	-347 Sep 02 j 06:44	0°♎	
evening max el	-347 Sep 03 j 15:31	1°♎22'29	25°36'54
retrograde	-347 Sep 15 j 20:24	8°♎22'50	
evening set	-347 Sep 21 j 20:27	5°♎51'48	
min. Earth dist.	-347 Sep 26 j 05:47	1°♎01'29	0.66879 AU
inferior conj	-347 Sep 27 j 09:46	29°♍31'43	-1°-12'-7
minimum elong	-347 Sep 27 j 11:35	29°♍25'54	1°11'22
	-347 Sep 27 j 00:58	30°℞♍	
asc. node	-347 Sep 30 j 22:17	25°♍22'23	
morning rise	-347 Oct 03 j 03:24	23°♍33'12	
direct	-347 Oct 06 j 09:50	22°♍31'26	
morning max el	-347 Oct 13 j 13:02	26°♍33'46	19°19'28
	-347 Oct 16 j 13:47	0°♎	
greatest brilliancy	-347 Oct 23 j 11:04	9°♎30'19	-0.7m
	-347 Nov 05 j 19:53	0°♏	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-347 Nov 06 j 02:17	0°♏24'53	
desc. node	-347 Nov 09 j 19:42	6°♏13'21	
max. Earth dist.	-347 Nov 19 j 20:39	21°♏58'21	1.44621 AU
superior conj	-347 Nov 22 j 21:44	26°♏47'59	-1°-19'-2
minimum elong	-347 Nov 22 j 13:33	26°♏15'25	1°18'10
	-347 Nov 24 j 21:54	0°♐	
evening rise	-347 Dec 07 j 11:15	20°♐27'30	
	-347 Dec 13 j 05:16	0°♑	
evening max el	-347 Dec 26 j 21:34	19°♑56'34	18°28'27
asc. node	-347 Dec 27 j 21:33	20°♑54'08	
retrograde	-346 Jan 02 j 11:06	23°♑33'12	
evening set	-346 Jan 05 j 10:19	22°♑44'36	
inferior conj	-346 Jan 11 j 09:33	17°♑11'25	3°39'22
minimum elong	-346 Jan 11 j 07:34	17°♑17'12	3°39'06
min. Earth dist.	-346 Jan 13 j 12:24	14°♑43'49	0.64356 AU
morning rise	-346 Jan 17 j 03:26	11°♑05'25	
direct	-346 Jan 24 j 00:14	8°♑14'55	
desc. node	-346 Feb 05 j 18:53	15°♑19'06	
morning max el	-346 Feb 06 j 12:39	16°♑02'46	27°23'48
	-346 Feb 18 j 01:42	0°♒	
	-346 Mar 08 j 16:14	0°♓	
morning set	-346 Mar 13 j 16:27	9°♓30'52	
max. Earth dist.	-346 Mar 18 j 14:06	19°♓24'20	1.33601 AU
superior conj	-346 Mar 21 j 17:33	25°♓59'50	0°-42'-25
minimum elong	-346 Mar 21 j 19:35	26°♓10'35	0°42'02
	-346 Mar 23 j 14:41	0°♈	
asc. node	-346 Mar 25 j 20:51	4°♈49'27	
evening rise	-346 Mar 29 j 00:21	11°♈29'42	
	-346 Apr 07 j 14:42	0°♉	
evening max el	-346 Apr 19 j 09:18	15°♉50'46	22°19'06
retrograde	-346 May 02 j 07:07	22°♉11'21	
desc. node	-346 May 04 j 18:02	21°♉58'01	
evening set	-346 May 05 j 05:21	21°♉52'30	
min. Earth dist.	-346 May 13 j 16:31	18°♉13'49	0.55222 AU
inferior conj	-346 May 14 j 13:44	17°♉43'50	-2°-40'-54
minimum elong	-346 May 14 j 07:02	17°♉53'19	2°38'52
morning rise	-346 May 23 j 10:38	13°♉49'39	
direct	-346 May 26 j 07:21	13°♉31'02	
morning max el	-346 Jun 06 j 21:59	18°♉56'33	21°13'09
	-346 Jun 15 j 17:56	0°♊	
asc. node	-346 Jun 21 j 20:07	10°♊36'28	
morning set	-346 Jun 26 j 18:37	20°♊27'01	
	-346 Jul 01 j 08:27	0°♋	
superior conj	-346 Jul 04 j 05:48	6°♋01'17	1°39'24
minimum elong	-346 Jul 04 j 03:53	5°♋51'20	1°39'17
max. Earth dist.	-346 Jul 08 j 09:00	14°♋25'31	1.35361 AU
evening rise	-346 Jul 12 j 17:43	22°♋54'32	
	-346 Jul 16 j 13:52	0°♌	
desc. node	-346 Jul 31 j 17:22	24°♌37'37	
	-346 Aug 04 j 12:43	0°♍	
evening max el	-346 Aug 17 j 03:26	14°♍58'04	26°36'44
retrograde	-346 Aug 30 j 01:28	22°♍12'05	
evening set	-346 Sep 05 j 15:14	19°♍30'07	
min. Earth dist.	-346 Sep 09 j 16:53	15°♍17'29	0.65990 AU
inferior conj	-346 Sep 11 j 08:48	13°♍17'45	-2°-7'-43
minimum elong	-346 Sep 11 j 12:00	13°♍08'07	2°06'31
morning rise	-346 Sep 17 j 09:54	7°♍30'51	
asc. node	-346 Sep 17 j 19:20	7°♍18'55	
direct	-346 Sep 20 j 07:41	6°♍43'17	
morning max el	-346 Sep 27 j 00:00	10°♍24'34	18°33'46
	-346 Oct 10 j 20:13	0°♎	
morning set	-346 Oct 17 j 04:04	10°♎08'40	
desc. node	-346 Oct 27 j 16:43	26°♎54'48	
	-346 Oct 29 j 15:39	0°♏	

superior conj	-346 Nov 01 j 22:42	5°♏11'14	0°-33'-53
minimum elong	-346 Nov 01 j 18:15	4°♏53'45	0°33'20
max. Earth dist.	-346 Nov 02 j 15:07	6°♏15'47	1.45024 AU
	-346 Nov 17 j 16:31	0°♐	
evening rise	-346 Nov 18 j 01:38	0°♐36'08	
	-346 Dec 07 j 09:33	0°♑	
evening max el	-346 Dec 10 j 07:41	3°♑22'57	19°04'29
asc. node	-346 Dec 14 j 18:36	6°♑46'16	
retrograde	-346 Dec 17 j 06:02	7°♑19'59	
evening set	-346 Dec 20 j 11:26	6°♑19'41	
inferior conj	-346 Dec 26 j 04:22	0°♑29'38	3°13'56
minimum elong	-346 Dec 26 j 01:39	0°♑38'12	3°13'18
	-346 Dec 26 j 13:45	30°℞♐	
min. Earth dist.	-346 Dec 27 j 16:07	28°♐37'10	0.65738 AU
morning rise	-346 Dec 31 j 14:59	24°♐18'16	
direct	-345 Jan 07 j 01:57	21°♐29'50	
morning max el	-345 Jan 19 j 22:17	29°♐02'36	26°30'55
	-345 Jan 20 j 20:43	0°♑	
desc. node	-345 Jan 23 j 15:56	3°♑04'33	
	-345 Feb 11 j 21:36	0°♒	
morning set	-345 Feb 24 j 22:35	22°♒45'47	
	-345 Feb 28 j 16:41	0°♓	
max. Earth dist.	-345 Mar 01 j 03:52	0°♓55'12	1.34862 AU
superior conj	-345 Mar 05 j 16:56	10°♓06'02	-1°-8'-24
minimum elong	-345 Mar 05 j 20:06	10°♓22'18	1°07'53
asc. node	-345 Mar 12 j 17:54	24°♓45'25	
evening rise	-345 Mar 13 j 09:07	26°♓04'07	
	-345 Mar 15 j 07:16	0°♈	
evening max el	-345 Apr 01 j 10:05	26°♈48'36	20°52'13
	-345 Apr 05 j 10:03	0°♉	
retrograde	-345 Apr 12 j 20:09	2°♉19'29	
evening set	-345 Apr 15 j 01:59	2°♉07'33	
	-345 Apr 20 j 23:27	30°℞♈	
desc. node	-345 Apr 21 j 15:05	29°♈39'45	
inferior conj	-345 Apr 24 j 07:57	28°♈09'48	0°-46'-23
minimum elong	-345 Apr 24 j 05:45	28°♈12'56	0°45'36
min. Earth dist.	-345 Apr 25 j 05:31	27°♈39'06	0.55058 AU
morning rise	-345 May 03 j 08:36	24°♈02'45	
direct	-345 May 06 j 17:59	23°♈37'56	
	-345 May 19 j 21:35	0°♉	
morning max el	-345 May 19 j 19:34	29°♈55'15	22°48'29
asc. node	-345 Jun 08 j 17:10	0°♊11'40	
	-345 Jun 08 j 14:51	0°♊	
morning set	-345 Jun 11 j 05:22	5°♊21'24	
superior conj	-345 Jun 18 j 10:00	20°♊40'15	1°26'37
minimum elong	-345 Jun 18 j 07:33	20°♊27'10	1°26'20
max. Earth dist.	-345 Jun 21 j 05:02	26°♊33'23	1.34037 AU
	-345 Jun 22 j 21:00	0°♋	
evening rise	-345 Jun 26 j 05:13	6°♋43'19	
	-345 Jul 09 j 04:13	0°♌	
desc. node	-345 Jul 18 j 14:24	14°♌08'20	
evening max el	-345 Jul 30 j 15:13	28°♌22'16	27°14'55
	-345 Aug 01 j 09:55	0°♍	
retrograde	-345 Aug 13 j 00:52	5°♍41'34	
evening set	-345 Aug 20 j 01:16	2°♍56'50	
	-345 Aug 23 j 05:30	30°℞♌	
min. Earth dist.	-345 Aug 23 j 20:02	29°♌21'28	0.64738 AU
inferior conj	-345 Aug 26 j 00:59	26°♌55'54	-3°-1'00
minimum elong	-345 Aug 26 j 05:17	26°♌44'02	2°59'38
morning rise	-345 Sep 01 j 10:59	21°♌24'05	
direct	-345 Sep 04 j 02:29	20°♌47'15	
asc. node	-345 Sep 04 j 16:24	20°♌49'02	
morning max el	-345 Sep 10 j 14:42	24°♌16'14	18°04'50
	-345 Sep 15 j 06:19	0°♍	
morning set	-345 Sep 28 j 10:17	21°♍15'27	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-345 Oct 03 j 16:08	0°♎	
superior conj	-345 Oct 12 j 06:02	13°♎57'57	0°15'15
minimum elong	-345 Oct 12 j 07:51	14°♎05'17	0°15'00
behind sun begin	-345 Oct 12 j 03:46	13°♎48'55	
behind sun end	-345 Oct 12 j 11:57	14°♎21'39	
desc. node	-345 Oct 14 j 13:45	17°♎40'23	
max. Earth dist.	-345 Oct 16 j 10:01	20°♎35'59	1.44682 AU
	-345 Oct 22 j 09:39	0°♏	
evening rise	-345 Oct 28 j 18:28	9°♏53'16	
	-345 Nov 10 j 22:41	0°♐	
greatest brilliancy	-345 Nov 16 j 07:44	7°♐48'16	-0.6m
evening max el	-345 Nov 23 j 13:27	16°♐50'39	19°56'31
retrograde	-345 Dec 01 j 03:26	21°♐16'48	
asc. node	-345 Dec 01 j 15:40	21°♐15'20	
evening set	-345 Dec 04 j 16:43	20°♐03'00	
inferior conj	-345 Dec 10 j 05:26	13°♐59'06	2°38'32
minimum elong	-345 Dec 10 j 02:38	14°♐08'23	2°37'41
min. Earth dist.	-345 Dec 11 j 03:33	12°♐45'30	0.66727 AU
morning rise	-345 Dec 15 j 11:58	7°♐44'27	
direct	-345 Dec 21 j 09:15	5°♐08'56	
morning max el	-344 Jan 02 j 07:15	12°♐13'57	25°16'41
desc. node	-344 Jan 10 j 12:59	21°♐47'09	
	-344 Jan 16 j 14:54	0°♑	
	-344 Feb 04 j 14:53	0°♒	
morning set	-344 Feb 07 j 12:10	5°♒07'09	
max. Earth dist.	-344 Feb 11 j 06:21	12°♒01'18	1.36554 AU
superior conj	-344 Feb 17 j 07:23	23°♒40'50	-1°-31'-53
minimum elong	-344 Feb 17 j 11:10	23°♒59'36	1°31'25
	-344 Feb 20 j 11:08	0°♓	
evening rise	-344 Feb 25 j 13:19	10°♓19'05	
asc. node	-344 Feb 27 j 14:58	14°♓27'19	
	-344 Mar 07 j 06:28	0°♈	
evening max el	-344 Mar 13 j 22:00	8°♈23'15	19°41'37
retrograde	-344 Mar 23 j 15:07	13°♈02'45	
evening set	-344 Mar 25 j 18:21	12°♈50'15	
inferior conj	-344 Apr 03 j 09:55	8°♈47'00	1°08'34
minimum elong	-344 Apr 03 j 12:44	8°♈42'33	1°07'37
min. Earth dist.	-344 Apr 05 j 19:52	7°♈16'14	0.55831 AU
desc. node	-344 Apr 07 j 12:08	6°♈16'44	
morning rise	-344 Apr 12 j 03:43	4°♈10'35	
direct	-344 Apr 16 j 11:33	3°♈28'49	
morning max el	-344 Apr 30 j 11:15	10°♈29'34	24°29'18
	-344 May 15 j 02:24	0°♉	
morning set	-344 May 25 j 17:23	20°♉20'53	
asc. node	-344 May 25 j 14:13	20°♉04'16	
	-344 May 30 j 05:21	0°♊	
superior conj	-344 Jun 01 j 18:44	5°♊33'20	1°09'22
minimum elong	-344 Jun 01 j 16:18	5°♊20'09	1°08'58
max. Earth dist.	-344 Jun 03 j 09:43	9°♊03'59	1.33100 AU
evening rise	-344 Jun 09 j 02:51	21°♊03'09	
	-344 Jun 13 j 16:02	0°♋	
	-344 Jul 02 j 04:27	0°♌	
desc. node	-344 Jul 04 j 11:26	2°♌58'06	
evening max el	-344 Jul 12 j 01:06	11°♌23'09	27°24'57
retrograde	-344 Jul 25 j 18:25	18°♌42'48	
evening set	-344 Aug 01 j 23:18	16°♌07'12	
min. Earth dist.	-344 Aug 05 j 13:31	13°♌04'05	0.63128 AU
inferior conj	-344 Aug 08 j 07:38	10°♌20'43	-3°-48'-37
minimum elong	-344 Aug 08 j 12:19	10°♌09'06	3°47'30
morning rise	-344 Aug 15 j 03:39	5°♌07'17	
direct	-344 Aug 17 j 15:21	4°♌38'04	
asc. node	-344 Aug 21 j 13:27	5°♌51'46	
morning max el	-344 Aug 24 j 06:24	8°♌03'14	17°53'31
	-344 Sep 07 j 16:37	0°♍	
morning set	-344 Sep 09 j 16:39	3°♍31'24	
superior conj	-344 Sep 21 j 12:56	23°♍55'58	0°56'52
minimum elong	-344 Sep 21 j 17:52	24°♍16'33	0°56'15
	-344 Sep 25 j 05:02	0°♎	
max. Earth dist.	-344 Sep 28 j 01:46	4°♎38'50	1.43652 AU
desc. node	-344 Sep 30 j 10:47	8°♎27'06	
evening rise	-344 Oct 07 j 01:07	18°♎48'09	
	-344 Oct 14 j 09:09	0°♏	
greatest brilliancy	-344 Oct 31 j 03:21	23°♏56'47	-0.5m
	-344 Nov 05 j 06:26	0°♐	
evening max el	-344 Nov 05 j 13:37	0°♐18'36	21°02'05
retrograde	-344 Nov 14 j 00:59	5°♐20'18	
asc. node	-344 Nov 17 j 12:43	4°♐11'25	
evening set	-344 Nov 18 j 00:09	3°♐51'03	
	-344 Nov 21 j 15:46	30°♑℞	
inferior conj	-344 Nov 23 j 10:23	27°♏36'48	1°55'44
minimum elong	-344 Nov 23 j 08:02	27°♏44'51	1°54'52
min. Earth dist.	-344 Nov 23 j 20:32	27°♏01'58	0.67346 AU
morning rise	-344 Nov 28 j 15:32	21°♏21'02	
direct	-344 Dec 03 j 21:37	19°♏05'00	
morning max el	-344 Dec 14 j 15:52	25°♏30'02	23°50'59
	-344 Dec 18 j 18:09	0°♐	
desc. node	-344 Dec 27 j 10:02	11°♐10'26	
	-343 Jan 09 j 03:54	0°♑	
morning set	-343 Jan 19 j 03:05	16°♑18'13	
max. Earth dist.	-343 Jan 23 j 01:48	23°♑10'31	1.38575 AU
	-343 Jan 26 j 20:36	0°♒	
superior conj	-343 Jan 30 j 09:10	6°♒34'05	-1°-50'-25
minimum elong	-343 Jan 30 j 12:32	6°♒49'59	1°50'11
evening rise	-343 Feb 08 j 10:26	24°♒07'05	
	-343 Feb 11 j 11:20	0°♓	
asc. node	-343 Feb 13 j 12:01	3°♓49'02	
evening max el	-343 Feb 24 j 20:19	20°♓34'48	18°50'21
retrograde	-343 Mar 05 j 01:43	24°♓33'36	
evening set	-343 Mar 07 j 08:47	24°♓16'14	
inferior conj	-343 Mar 15 j 05:58	19°♓56'51	2°36'16
minimum elong	-343 Mar 15 j 10:23	19°♓48'48	2°35'08
min. Earth dist.	-343 Mar 18 j 12:28	17°♓34'58	0.57380 AU
morning rise	-343 Mar 23 j 07:46	14°♓47'49	
desc. node	-343 Mar 25 j 09:11	14°♓03'46	
direct	-343 Mar 28 j 18:54	13°♓35'21	
morning max el	-343 Apr 12 j 02:42	21°♓04'08	26°01'12
	-343 Apr 19 j 20:28	0°♈	
	-343 May 07 j 15:14	0°♉	
morning set	-343 May 10 j 04:55	5°♉18'22	
asc. node	-343 May 12 j 11:17	10°♉07'43	
superior conj	-343 May 17 j 05:51	20°♉32'15	0°48'34
minimum elong	-343 May 17 j 03:54	20°♉21'35	0°48'11
max. Earth dist.	-343 May 17 j 20:11	21°♉50'48	1.32542 AU
	-343 May 21 j 14:24	0°♊	
evening rise	-343 May 24 j 07:24	5°♊42'48	
	-343 Jun 06 j 06:58	0°♋	
desc. node	-343 Jun 21 j 08:27	20°♋48'45	
evening max el	-343 Jun 24 j 06:44	23°♋48'08	27°02'46
	-343 Jul 03 j 02:52	0°♌	
retrograde	-343 Jul 08 j 05:08	1°♌05'30	
	-343 Jul 13 j 03:02	30°♋℞	
evening set	-343 Jul 15 j 05:06	28°♋53'17	
min. Earth dist.	-343 Jul 18 j 20:49	26°♋11'01	0.61215 AU
inferior conj	-343 Jul 22 j 01:30	23°♋23'54	-4°-25'-21
minimum elong	-343 Jul 22 j 05:11	23°♋15'50	4°24'50
morning rise	-343 Jul 29 j 08:14	18°♋31'31	
direct	-343 Jul 31 j 18:34	18°♋07'25	
morning max el	-343 Aug 07 j 20:05	21°♋37'42	18°00'51

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-343 Aug 08 j 10:29	22°♋13'56	
	-343 Aug 14 j 06:03	0°♌	
morning set	-343 Aug 23 j 17:10	16°♌39'30	
	-343 Aug 31 j 00:21	0°♍	
superior conj	-343 Sep 02 j 23:07	5°♍14'29	1°25'45
minimum elong	-343 Sep 03 j 03:33	5°♍33'56	1°25'19
max. Earth dist.	-343 Sep 10 j 12:16	18°♍08'38	1.42072 AU
evening rise	-343 Sep 16 j 15:42	28°♍07'43	
desc. node	-343 Sep 17 j 07:48	29°♍11'36	
	-343 Sep 17 j 20:02	0°♎	
	-343 Oct 08 j 02:24	0°♏	
greatest brilliancy	-343 Oct 14 j 14:42	8°♏28'24	-0.3m
evening max el	-343 Oct 19 j 08:06	13°♏47'35	22°17'34
retrograde	-343 Oct 28 j 20:47	19°♏27'36	
evening set	-343 Nov 02 j 07:56	17°♏41'08	
asc. node	-343 Nov 04 j 09:44	15°♏38'56	
inferior conj	-343 Nov 07 j 17:13	11°♏20'19	1°07'22
minimum elong	-343 Nov 07 j 15:43	11°♏25'32	1°06'46
min. Earth dist.	-343 Nov 07 j 16:32	11°♏22'42	0.67625 AU
morning rise	-343 Nov 12 j 23:20	5°♏05'55	
direct	-343 Nov 17 j 14:18	3°♏12'09	
morning max el	-343 Nov 27 j 02:54	8°♏50'43	22°23'39
greatest brilliancy	-343 Dec 01 j 18:05	14°♏02'43	-0.3m
	-343 Dec 13 j 13:45	0°♐	
desc. node	-343 Dec 14 j 07:05	1°♐02'48	
morning set	-343 Dec 30 j 13:40	26°♐05'42	
	-342 Jan 01 j 22:50	0°♑	
max. Earth dist.	-342 Jan 04 j 22:15	4°♑58'26	1.40693 AU
superior conj	-342 Jan 12 j 17:35	18°♑34'17	-2°00'-35
minimum elong	-342 Jan 12 j 18:46	18°♑39'35	2°00'36
	-342 Jan 18 j 23:17	0°♒	
evening rise	-342 Jan 22 j 21:19	7°♒20'52	
asc. node	-342 Jan 31 j 09:04	22°♒43'57	
	-342 Feb 05 j 05:21	0°♓	
evening max el	-342 Feb 08 j 02:28	3°♓16'53	18°19'08
retrograde	-342 Feb 15 j 07:02	6°♓50'59	
evening set	-342 Feb 17 j 18:53	6°♓26'18	
inferior conj	-342 Feb 24 j 23:02	1°♓45'53	3°28'24
minimum elong	-342 Feb 25 j 02:04	1°♓39'27	3°27'58
	-342 Feb 27 j 00:40	30°℞♒	
min. Earth dist.	-342 Feb 28 j 09:04	28°♒53'03	0.59382 AU
morning rise	-342 Mar 04 j 05:42	26°♒11'43	
direct	-342 Mar 10 j 15:23	24°♒21'24	
desc. node	-342 Mar 12 j 06:14	24°♒28'17	
	-342 Mar 22 j 16:40	0°♓	
morning max el	-342 Mar 24 j 22:39	2°♓04'27	27°09'20
	-342 Apr 14 j 02:35	0°♈	
morning set	-342 Apr 24 j 14:16	20°♈07'57	
asc. node	-342 Apr 29 j 08:20	0°♉17'20	
	-342 Apr 29 j 05:09	0°♉	
superior conj	-342 May 01 j 17:36	5°♉30'50	0°25'02
minimum elong	-342 May 01 j 16:30	5°♉24'49	0°24'48
max. Earth dist.	-342 May 01 j 08:57	4°♉43'23	1.32351 AU
evening rise	-342 May 08 j 16:21	20°♉33'57	
	-342 May 13 j 07:39	0°♊	
	-342 Jun 01 j 04:14	0°♋	
evening max el	-342 Jun 06 j 06:08	5°♋29'16	26°08'12
desc. node	-342 Jun 08 j 05:27	7°♋15'50	
retrograde	-342 Jun 20 j 07:12	12°♋42'33	
evening set	-342 Jun 26 j 14:06	11°♋05'47	
min. Earth dist.	-342 Jun 30 j 19:00	8°♋27'43	0.59160 AU
inferior conj	-342 Jul 04 j 02:59	5°♋56'18	-4°-42'-51
minimum elong	-342 Jul 04 j 03:39	5°♋55'00	4°42'50
morning rise	-342 Jul 11 j 20:44	1°♋26'32	
direct	-342 Jul 14 j 08:01	1°♋05'38	
morning max el	-342 Jul 22 j 04:42	4°♋51'16	18°28'01
asc. node	-342 Jul 26 j 07:32	9°♋40'23	
morning set	-342 Aug 07 j 06:47	0°♌26'22	
	-342 Aug 07 j 01:18	0°♌	
superior conj	-342 Aug 16 j 08:37	17°♌42'27	1°41'53
minimum elong	-342 Aug 16 j 10:59	17°♌53'24	1°41'45
	-342 Aug 23 j 04:35	0°♍	
max. Earth dist.	-342 Aug 23 j 17:42	0°♍57'01	1.40156 AU
evening rise	-342 Aug 28 j 03:56	8°♍28'25	
desc. node	-342 Sep 04 j 04:47	19°♍50'04	
	-342 Sep 10 j 21:00	0°♎	
evening max el	-342 Oct 01 j 22:10	27°♎18'51	23°37'41
	-342 Oct 04 j 20:28	0°♏	
retrograde	-342 Oct 12 j 13:26	3°♏35'22	
evening set	-342 Oct 17 j 14:22	1°♏30'36	
	-342 Oct 19 j 03:56	30°℞♎	
asc. node	-342 Oct 22 j 06:46	26°♎06'16	
min. Earth dist.	-342 Oct 22 j 13:04	25°♎44'50	0.67589 AU
inferior conj	-342 Oct 23 j 00:07	25°♎07'06	0°14'58
minimum elong	-342 Oct 22 j 23:46	25°♎08'19	0°14'49
transit middle	-342 Oct 22 j 23:46	25°♎08'19	0°14'49
transit begin	-342 Oct 22 j 22:38	25°♎12'11	
transit end	-342 Oct 23 j 00:54	25°♎04'27	
morning rise	-342 Oct 28 j 09:16	18°♎56'45	
direct	-342 Nov 01 j 10:11	17°♎25'08	
morning max el	-342 Nov 09 j 19:46	22°♎19'19	21°02'33
greatest brilliancy	-342 Nov 15 j 08:41	28°♎45'33	-0.5m
	-342 Nov 16 j 07:41	0°♏	
desc. node	-342 Dec 01 j 04:05	21°♏15'26	
	-342 Dec 06 j 21:39	0°♐	
morning set	-342 Dec 09 j 20:58	4°♐37'12	
max. Earth dist.	-342 Dec 18 j 01:45	17°♐42'44	1.42614 AU
superior conj	-342 Dec 25 j 03:02	29°♐27'16	-1°-58'-6
minimum elong	-342 Dec 24 j 23:59	29°♐14'21	1°58'00
	-342 Dec 25 j 10:44	0°♑	
evening rise	-341 Jan 05 j 18:08	19°♑51'33	
	-341 Jan 11 j 10:43	0°♒	
asc. node	-341 Jan 18 j 06:06	11°♒02'59	
evening max el	-341 Jan 22 j 13:14	16°♒19'43	18°07'43
retrograde	-341 Jan 29 j 04:29	19°♒44'55	
evening set	-341 Jan 31 j 20:34	19°♒11'39	
inferior conj	-341 Feb 07 j 10:55	14°♒09'21	3°49'47
minimum elong	-341 Feb 07 j 11:39	14°♒07'35	3°49'45
min. Earth dist.	-341 Feb 10 j 12:32	11°♒10'30	0.61475 AU
morning rise	-341 Feb 14 j 00:12	8°♒18'26	
direct	-341 Feb 20 j 22:00	5°♒54'42	
desc. node	-341 Feb 27 j 03:16	7°♒37'49	
morning max el	-341 Mar 07 j 00:51	13°♒44'21	27°43'43
	-341 Mar 20 j 02:22	0°♓	
	-341 Apr 06 j 11:27	0°♈	
morning set	-341 Apr 08 j 19:34	4°♈42'57	
max. Earth dist.	-341 Apr 14 j 20:17	17°♈28'41	1.32524 AU
superior conj	-341 Apr 16 j 04:20	20°♈23'02	0°00'-27
minimum elong	-341 Apr 16 j 04:21	20°♈23'08	0°00'27
behind sun begin	-341 Apr 15 j 23:17	19°♈55'25	
behind sun end	-341 Apr 16 j 09:26	20°♈50'51	
asc. node	-341 Apr 16 j 05:23	20°♈28'46	
	-341 Apr 20 j 14:11	0°♉	
evening rise	-341 Apr 23 j 03:39	5°♉29'10	
	-341 May 06 j 04:49	0°♊	
evening max el	-341 May 18 j 23:10	16°♊28'35	24°47'31
desc. node	-341 May 26 j 02:28	21°♊46'47	
retrograde	-341 Jun 01 j 22:27	23°♊33'22	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-341 Jun 07 j 00:06	22°♊35'05		
min. Earth dist.	-341 Jun 12 j 10:41	19°♊44'05	0.57221 AU	
inferior conj	-341 Jun 15 j 09:00	17°♊48'42	-4°-29'-26	
minimum elong	-341 Jun 15 j 05:06	17°♊55'08	4°29'00	
morning rise	-341 Jun 23 j 13:57	13°♊40'19		
direct	-341 Jun 26 j 03:39	13°♊21'31		
morning max el	-341 Jul 05 j 05:21	17°♊35'06	19°16'05	
asc. node	-341 Jul 13 j 04:36	27°♊57'04		
	-341 Jul 14 j 10:05	0°♋		
morning set	-341 Jul 22 j 05:43	14°♋42'13		
	-341 Jul 29 j 22:33	0°♌		
superior conj	-341 Jul 30 j 11:50	1°♌04'45	1°47'19	
minimum elong	-341 Jul 30 j 12:05	1°♌05'57	1°47'19	
max. Earth dist.	-341 Aug 05 j 21:00	13°♌07'54	1.38148 AU	
evening rise	-341 Aug 09 j 17:13	20°♌00'54		
	-341 Aug 15 j 14:13	0°♍		
desc. node	-341 Aug 22 j 01:48	10°♍18'36		
	-341 Sep 04 j 23:14	0°♎		
evening max el	-341 Sep 14 j 09:59	10°♎53'57	24°55'43	
retrograde	-341 Sep 26 j 02:05	17°♎40'43		
evening set	-341 Oct 01 j 17:49	15°♎18'17		
min. Earth dist.	-341 Oct 06 j 07:46	10°♎07'21	0.67237 AU	
inferior conj	-341 Oct 07 j 05:26	8°♎55'53	0°-39'-55	
minimum elong	-341 Oct 07 j 06:25	8°♎52'37	0°39'31	
asc. node	-341 Oct 09 j 03:48	6°♎27'07		
morning rise	-341 Oct 12 j 19:29	2°♎52'26		
direct	-341 Oct 16 j 08:05	1°♎40'46		
morning max el	-341 Oct 23 j 20:24	5°♎58'55	19°53'01	
greatest brilliancy	-341 Oct 31 j 10:30	15°♎22'01	-0.6m	
	-341 Nov 10 j 09:31	0°♏		
desc. node	-341 Nov 18 j 01:06	11°♏42'50		
morning set	-341 Nov 18 j 17:32	12°♏46'16		
	-341 Nov 29 j 17:40	0°♐		
max. Earth dist.	-341 Nov 30 j 13:04	1°♐17'13	1.44069 AU	
superior conj	-341 Dec 05 j 09:37	9°♐05'29	-1°-38'-36	
minimum elong	-341 Dec 05 j 02:10	8°♐35'19	1°37'59	
	-341 Dec 17 j 23:08	0°♑		
evening rise	-341 Dec 18 j 20:37	1°♑31'30		
asc. node	-340 Jan 05 j 03:07	28°♑35'29		
evening max el	-340 Jan 06 j 01:44	29°♑35'43	18°15'32	
	-340 Jan 06 j 11:35	0°♒		
retrograde	-340 Jan 12 j 13:32	3°♒05'12		
evening set	-340 Jan 15 j 09:52	2°♒22'32		
	-340 Jan 18 j 16:11	30°℞♑		
inferior conj	-340 Jan 21 j 13:46	26°♑59'47	3°48'09	
minimum elong	-340 Jan 21 j 12:33	27°♑03'08	3°48'03	
min. Earth dist.	-340 Jan 24 j 01:20	24°♑16'24	0.63390 AU	
morning rise	-340 Jan 27 j 13:32	20°♑57'56		
direct	-340 Feb 03 j 12:58	18°♑13'09		
desc. node	-340 Feb 14 j 00:19	23°♑01'36		
morning max el	-340 Feb 17 j 08:13	26°♑04'08	27°41'08	
	-340 Feb 21 j 00:13	0°♒		
	-340 Mar 12 j 14:50	0°♓		
morning set	-340 Mar 22 j 18:28	18°♓55'23		
max. Earth dist.	-340 Mar 28 j 02:10	29°♓52'50	1.33086 AU	
	-340 Mar 28 j 03:32	0°♈		
superior conj	-340 Mar 30 j 12:18	5°♈02'47	0°-27'-2	
minimum elong	-340 Mar 30 j 13:36	5°♈09'43	0°26'46	
asc. node	-340 Apr 02 j 02:26	10°♈37'39		
evening rise	-340 Apr 06 j 15:26	20°♈21'30		
	-340 Apr 11 j 08:56	0°♉		
evening max el	-340 Apr 29 j 13:46	27°♉04'13	23°13'22	
	-340 May 03 j 00:11	0°♊		
desc. node	-340 May 11 j 23:31	3°♊44'43		
retrograde	-340 May 13 j 01:25	3°♊47'21		
evening set	-340 May 16 j 16:29	3°♊18'28		
min. Earth dist.	-340 May 23 j 23:35	0°♊00'41	0.55736 AU	
	-340 May 24 j 00:03	30°℞♉		
inferior conj	-340 May 25 j 19:12	28°♉56'44	-3°-33'-26	
minimum elong	-340 May 25 j 12:08	29°♉07'08	3°31'44	
morning rise	-340 Jun 03 j 11:03	25°♉02'01		
direct	-340 Jun 06 j 04:05	24°♉44'17		
morning max el	-340 Jun 16 j 19:42	29°♉40'00	20°25'00	
	-340 Jun 17 j 04:12	0°♊		
asc. node	-340 Jun 29 j 01:39	16°♊51'24		
morning set	-340 Jul 05 j 10:58	29°♊18'01		
	-340 Jul 05 j 19:12	0°♋		
superior conj	-340 Jul 13 j 03:40	15°♋05'49	1°44'16	
minimum elong	-340 Jul 13 j 02:21	14°♋59'07	1°44'13	
max. Earth dist.	-340 Jul 18 j 03:05	24°♋57'43	1.36288 AU	
	-340 Jul 20 j 18:34	0°♌		
evening rise	-340 Jul 22 j 04:17	2°♌36'46		
desc. node	-340 Aug 07 j 22:50	0°♍31'00		
	-340 Aug 07 j 14:32	0°♍		
evening max el	-340 Aug 26 j 21:22	24°♍30'11	26°04'24	
	-340 Sep 02 j 21:52	0°♎		
retrograde	-340 Sep 08 j 10:08	1°♎37'52		
	-340 Sep 13 j 09:24	30°℞♍		
evening set	-340 Sep 14 j 16:24	29°♍01'02		
min. Earth dist.	-340 Sep 18 j 22:17	24°♍26'54	0.66548 AU	
inferior conj	-340 Sep 20 j 07:19	22°♍43'43	-1°-35'-49	
minimum elong	-340 Sep 20 j 09:44	22°♍36'10	1°34'52	
asc. node	-340 Sep 25 j 00:51	17°♍36'55		
morning rise	-340 Sep 26 j 03:58	16°♍50'02		
direct	-340 Sep 29 j 06:23	15°♍54'54		
morning max el	-340 Oct 06 j 04:11	19°♍47'05	18°58'04	
	-340 Oct 14 j 03:01	0°♎		
morning set	-340 Oct 28 j 03:57	21°♎42'54		
	-340 Nov 02 j 10:26	0°♏		
desc. node	-340 Nov 03 j 22:09	2°♏20'15		
max. Earth dist.	-340 Nov 12 j 05:25	15°♏22'49	1.44878 AU	
superior conj	-340 Nov 13 j 17:01	17°♏43'06	-1°-1'-10	
minimum elong	-340 Nov 13 j 09:41	17°♏14'11	1°00'20	
	-340 Nov 21 j 10:44	0°♐		
evening rise	-340 Nov 29 j 00:46	12°♐13'54		
	-340 Dec 10 j 00:54	0°♑		
evening max el	-340 Dec 19 j 13:19	12°♑59'15	18°41'43	
asc. node	-340 Dec 22 j 00:09	15°♑08'29		
retrograde	-340 Dec 26 j 05:55	16°♑43'54		
evening set	-340 Dec 29 j 07:28	15°♑50'38		
inferior conj	-339 Jan 04 j 03:44	10°♑09'49	3°30'01	
minimum elong	-339 Jan 04 j 01:20	10°♑17'02	3°29'36	
min. Earth dist.	-339 Jan 06 j 00:01	7°♑56'14	0.64981 AU	
morning rise	-339 Jan 09 j 18:03	4°♑00'59		
direct	-339 Jan 16 j 11:10	1°♑09'46		
morning max el	-339 Jan 29 j 17:52	8°♑53'34	27°04'38	
desc. node	-339 Jan 30 j 21:23	10°♑04'06		
	-339 Feb 15 j 06:43	0°♒		
	-339 Mar 04 j 23:25	0°♓		
morning set	-339 Mar 06 j 07:55	2°♓35'35		
max. Earth dist.	-339 Mar 10 j 22:35	11°♓44'16	1.34075 AU	
superior conj	-339 Mar 14 j 15:32	19°♓23'48	0°-53'-37	
minimum elong	-339 Mar 14 j 18:05	19°♓37'08	0°53'09	
asc. node	-339 Mar 19 j 23:30	0°♈40'03		
	-339 Mar 19 j 15:55	0°♈		
evening rise	-339 Mar 22 j 01:52	5°♈04'41		
	-339 Apr 04 j 20:51	0°♉		
evening max el	-339 Apr 11 j 09:12	7°♉47'21	21°40'35	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

retrograde	-339 Apr 23 j 17:44	13°♉48'44	
evening set	-339 Apr 26 j 06:38	13°♉34'13	
desc. node	-339 Apr 28 j 20:33	12°♉51'58	
inferior conj	-339 May 05 j 15:50	9°♉31'55	-1°-54'-45
minimum elong	-339 May 05 j 10:36	9°♉39'16	1°53'00
min. Earth dist.	-339 May 05 j 12:38	9°♉36'25	0.55031 AU
morning rise	-339 May 14 j 15:23	5°♉34'32	
direct	-339 May 17 j 15:58	5°♉14'25	
morning max el	-339 May 29 j 23:06	11°♉02'36	21°52'13
	-339 Jun 12 j 15:16	0°♊	
asc. node	-339 Jun 15 j 22:44	6°♊14'16	
morning set	-339 Jun 19 j 20:16	14°♊07'27	
superior conj	-339 Jun 27 j 04:15	29°♊34'03	1°34'37
minimum elong	-339 Jun 27 j 02:02	29°♊22'23	1°34'25
	-339 Jun 27 j 09:13	0°♋	
max. Earth dist.	-339 Jun 30 j 17:09	6°♋52'43	1.34751 AU
evening rise	-339 Jul 05 j 08:15	16°♋03'13	
	-339 Jul 12 j 23:04	0°♌	
desc. node	-339 Jul 25 j 19:52	20°♌19'47	
	-339 Aug 02 j 02:29	0°♍	
evening max el	-339 Aug 09 j 09:12	8°♍01'48	26°55'56
retrograde	-339 Aug 22 j 13:05	15°♍19'47	
evening set	-339 Aug 29 j 07:50	12°♍35'17	
min. Earth dist.	-339 Sep 02 j 06:19	8°♍38'43	0.65502 AU
inferior conj	-339 Sep 04 j 03:43	6°♍27'02	-2°-30'-48
minimum elong	-339 Sep 04 j 07:27	6°♍16'12	2°29'29
morning rise	-339 Sep 10 j 08:29	0°♍46'13	
asc. node	-339 Sep 11 j 21:55	0°♍12'00	
direct	-339 Sep 13 j 03:10	0°♍03'48	
morning max el	-339 Sep 19 j 17:05	3°♍39'07	18°19'17
	-339 Oct 07 j 11:59	0°♎	
morning set	-339 Oct 08 j 17:57	2°♎02'25	
desc. node	-339 Oct 21 j 19:11	23°♎03'54	
superior conj	-339 Oct 23 j 17:56	26°♎08'56	0°-12'-45
minimum elong	-339 Oct 23 j 16:16	26°♎02'20	0°12'32
behind sun begin	-339 Oct 23 j 09:05	25°♎33'57	
behind sun end	-339 Oct 23 j 23:27	26°♎30'43	
max. Earth dist.	-339 Oct 25 j 23:50	29°♎41'25	1.44963 AU
	-339 Oct 26 j 04:34	0°♏	
evening rise	-339 Nov 09 j 05:09	21°♏58'02	
	-339 Nov 14 j 08:27	0°♐	
greatest brilliancy	-339 Nov 23 j 22:22	14°♐41'50	-0.7m
evening max el	-339 Dec 02 j 21:45	26°♐26'17	19°24'53
	-339 Dec 07 j 13:20	0°♑	
asc. node	-339 Dec 08 j 21:12	0°♑26'51	
retrograde	-339 Dec 10 j 02:09	0°♑35'00	
	-339 Dec 12 j 12:55	30°℞♐	
evening set	-339 Dec 13 j 10:35	29°♐29'23	
inferior conj	-339 Dec 19 j 01:30	23°♐33'16	2°59'57
minimum elong	-339 Dec 18 j 22:41	23°♐42'23	2°59'13
min. Earth dist.	-339 Dec 20 j 07:22	21°♐56'47	0.66200 AU
morning rise	-339 Dec 24 j 09:59	17°♐20'06	
direct	-339 Dec 30 j 15:31	14°♐35'44	
morning max el	-338 Jan 12 j 03:12	21°♐59'05	26°01'22
desc. node	-338 Jan 17 j 18:25	28°♐16'11	
	-338 Jan 19 j 04:09	0°♑	
	-338 Feb 08 j 12:31	0°♒	
morning set	-338 Feb 17 j 07:39	15°♒29'38	
max. Earth dist.	-338 Feb 21 j 06:57	23°♒00'31	1.35523 AU
	-338 Feb 24 j 20:13	0°♓	
superior conj	-338 Feb 26 j 11:28	3°♓17'38	-1°-18'-48
minimum elong	-338 Feb 26 j 14:59	3°♓35'28	1°18'17
evening rise	-338 Mar 06 j 08:55	19°♓31'12	
asc. node	-338 Mar 06 j 20:32	20°♓30'33	
	-338 Mar 11 j 15:56	0°♈	
evening max el	-338 Mar 24 j 14:42	19°♈00'22	20°20'04
retrograde	-338 Apr 04 j 07:22	24°♈08'22	
evening set	-338 Apr 06 j 10:42	23°♈56'56	
inferior conj	-338 Apr 15 j 11:37	19°♈59'07	0°04'16
minimum elong	-338 Apr 15 j 11:49	19°♈58'50	0°04'12
transit middle	-338 Apr 15 j 11:49	19°♈58'50	0°04'12
transit begin	-338 Apr 15 j 07:56	20°♈04'33	
transit end	-338 Apr 15 j 15:43	19°♈53'06	
desc. node	-338 Apr 15 j 17:36	19°♈50'19	
min. Earth dist.	-338 Apr 17 j 02:25	19°♈02'09	0.55276 AU
morning rise	-338 Apr 24 j 10:41	15°♈40'36	
direct	-338 Apr 28 j 04:38	15°♈10'01	
morning max el	-338 May 11 j 17:27	21°♈48'09	23°31'20
	-338 May 18 j 20:12	0°♉	
asc. node	-338 Jun 02 j 19:49	25°♉57'37	
morning set	-338 Jun 04 j 07:45	29°♉04'29	
	-338 Jun 04 j 18:19	0°♊	
superior conj	-338 Jun 11 j 10:39	14°♊19'57	1°19'48
minimum elong	-338 Jun 11 j 08:08	14°♊06'28	1°19'27
max. Earth dist.	-338 Jun 13 j 17:01	19°♊09'53	1.33595 AU
	-338 Jun 18 j 23:09	0°♋	
evening rise	-338 Jun 19 j 00:31	0°♋06'51	
	-338 Jul 05 j 23:53	0°♌	
desc. node	-338 Jul 12 j 16:54	9°♌34'59	
evening max el	-338 Jul 22 j 20:38	21°♌18'32	27°22'59
retrograde	-338 Aug 05 j 10:14	28°♌38'23	
evening set	-338 Aug 12 j 13:14	25°♌56'14	
min. Earth dist.	-338 Aug 16 j 05:44	22°♌35'10	0.64093 AU
inferior conj	-338 Aug 18 j 16:15	20°♌00'55	-3°-22'-12
minimum elong	-338 Aug 18 j 20:51	19°♌48'47	3°20'52
morning rise	-338 Aug 25 j 06:23	14°♌36'13	
direct	-338 Aug 27 j 19:54	14°♌03'01	
asc. node	-338 Aug 29 j 18:59	14°♌22'40	
morning max el	-338 Sep 03 j 08:32	17°♌29'39	17°57'42
	-338 Sep 12 j 09:03	0°♍	
morning set	-338 Sep 20 j 11:15	13°♍41'25	
	-338 Sep 30 j 03:19	0°♎	
superior conj	-338 Oct 03 j 10:01	5°♎22'45	0°34'18
minimum elong	-338 Oct 03 j 13:41	5°♎37'43	0°33'48
max. Earth dist.	-338 Oct 08 j 17:41	13°♎56'32	1.44324 AU
desc. node	-338 Oct 08 j 16:13	13°♎50'40	
	-338 Oct 18 j 23:50	0°♏	
evening rise	-338 Oct 19 j 15:43	1°♏01'11	
	-338 Nov 08 j 02:06	0°♐	
greatest brilliancy	-338 Nov 09 j 17:43	2°♐15'30	-0.5m
evening max el	-338 Nov 16 j 01:22	9°♐55'01	20°23'01
retrograde	-338 Nov 23 j 23:44	14°♐35'17	
asc. node	-338 Nov 25 j 18:14	14°♐17'24	
evening set	-338 Nov 27 j 17:00	13°♐15'11	
inferior conj	-338 Dec 03 j 04:29	7°♐06'44	2°21'09
minimum elong	-338 Dec 03 j 01:49	7°♐15'42	2°20'16
min. Earth dist.	-338 Dec 03 j 21:23	6°♐09'37	0.67038 AU
morning rise	-338 Dec 08 j 10:08	0°♐51'29	
	-338 Dec 09 j 11:37	30°℞♏	
direct	-338 Dec 14 j 01:11	28°♏23'27	
	-338 Dec 19 j 03:20	0°♐	
morning max el	-338 Dec 25 j 11:34	5°♐12'14	24°40'57
desc. node	-337 Jan 04 j 15:28	17°♐17'55	
	-337 Jan 13 j 15:16	0°♑	
morning set	-337 Jan 30 j 12:18	27°♑22'37	
	-337 Jan 31 j 23:45	0°♒	
max. Earth dist.	-337 Feb 03 j 05:19	4°♒02'17	1.37389 AU
superior conj	-337 Feb 09 j 21:01	16°♒36'04	-1°-40'-32

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-337 Feb 10 j 00:48	16°♒54'26	1°40'10
	-337 Feb 16 j 15:18	0°♓	
evening rise	-337 Feb 18 j 10:23	3°♓35'12	
asc. node	-337 Feb 21 j 17:34	10°♓04'17	
	-337 Mar 06 j 11:00	0°♈	
evening max el	-337 Mar 07 j 07:18	0°♈50'58	19°17'21
retrograde	-337 Mar 16 j 07:42	5°♈10'51	
evening set	-337 Mar 18 j 12:28	4°♈56'32	
inferior conj	-337 Mar 26 j 20:17	0°♈47'20	1°50'03
minimum elong	-337 Mar 27 j 00:16	0°♈40'43	1°48'49
	-337 Mar 28 j 00:35	30°℞♓	
min. Earth dist.	-337 Mar 29 j 17:14	28°♓53'10	0.56419 AU
desc. node	-337 Apr 02 j 14:38	26°♓40'28	
morning rise	-337 Apr 04 j 08:09	25°♓57'02	
direct	-337 Apr 09 j 03:54	25°♓03'35	
	-337 Apr 20 j 17:59	0°♈	
morning max el	-337 Apr 23 j 07:58	2°♈17'31	25°10'26
	-337 May 12 j 18:11	0°♉	
morning set	-337 May 19 j 19:44	14°♉03'25	
asc. node	-337 May 20 j 16:51	15°♉55'12	
superior conj	-337 May 26 j 20:34	29°♉15'46	1°00'55
minimum elong	-337 May 26 j 18:17	29°♉03'21	1°00'31
	-337 May 27 j 04:41	0°♊	
max. Earth dist.	-337 May 28 j 00:43	1°♊48'58	1.32821 AU
evening rise	-337 Jun 03 j 01:24	14°♊36'05	
	-337 Jun 11 j 00:28	0°♋	
desc. node	-337 Jun 29 j 13:55	28°♋02'05	
	-337 Jul 01 j 06:35	0°♌	
evening max el	-337 Jul 05 j 05:13	4°♌06'15	27°19'40
retrograde	-337 Jul 19 j 00:42	11°♌24'11	
evening set	-337 Jul 26 j 04:53	8°♌57'05	
min. Earth dist.	-337 Jul 29 j 18:53	6°♌04'30	0.62347 AU
inferior conj	-337 Aug 01 j 17:55	3°♌17'50	-4°-5'-59
minimum elong	-337 Aug 01 j 22:23	3°♌07'17	4°05'04
	-337 Aug 05 j 13:34	30°℞♋	
morning rise	-337 Aug 08 j 18:24	28°♋12'48	
direct	-337 Aug 11 j 05:20	27°♋45'54	
asc. node	-337 Aug 16 j 16:03	0°♌00'58	
	-337 Aug 16 j 15:34	0°♌	
morning max el	-337 Aug 17 j 23:40	1°♌11'55	17°54'15
morning set	-337 Sep 03 j 02:04	26°♌21'51	
	-337 Sep 05 j 02:41	0°♍	
superior conj	-337 Sep 14 j 04:39	15°♍55'17	1°10'46
minimum elong	-337 Sep 14 j 09:42	16°♍16'47	1°10'11
max. Earth dist.	-337 Sep 21 j 07:55	27°♍49'08	1.43042 AU
	-337 Sep 22 j 16:10	0°♎	
desc. node	-337 Sep 25 j 13:14	4°♎36'49	
evening rise	-337 Sep 28 j 23:34	10°♎01'10	
	-337 Oct 12 j 04:37	0°♏	
greatest brilliancy	-337 Oct 25 j 00:02	17°♏41'34	-0.4m
evening max el	-337 Oct 29 j 23:06	23°♏23'27	21°33'15
retrograde	-337 Nov 07 j 20:38	28°♏40'49	
evening set	-337 Nov 12 j 00:47	27°♏04'14	
asc. node	-337 Nov 12 j 15:16	26°♏33'59	
inferior conj	-337 Nov 17 j 10:26	20°♏46'49	1°35'46
minimum elong	-337 Nov 17 j 08:24	20°♏53'49	1°34'59
min. Earth dist.	-337 Nov 17 j 15:49	20°♏28'14	0.67512 AU
morning rise	-337 Nov 22 j 15:45	14°♏31'35	
direct	-337 Nov 27 j 15:21	12°♏25'00	
morning max el	-337 Dec 07 j 20:46	18°♏29'47	23°13'29
greatest brilliancy	-337 Dec 12 j 22:31	24°♏11'17	-0.3m
	-337 Dec 17 j 11:50	0°♐	
desc. node	-337 Dec 22 j 12:29	6°♐54'33	
	-336 Jan 06 j 18:48	0°♑	
morning set	-336 Jan 11 j 15:35	7°♑58'31	
max. Earth dist.	-336 Jan 16 j 00:41	15°♑26'08	1.39488 AU
superior conj	-336 Jan 23 j 16:02	29°♑08'10	-1°-55'-59
minimum elong	-336 Jan 23 j 18:43	29°♑20'37	1°55'53
	-336 Jan 24 j 03:13	0°♒	
evening rise	-336 Feb 02 j 03:33	17°♒09'40	
asc. node	-336 Feb 08 j 14:36	29°♒15'28	
	-336 Feb 09 j 00:40	0°♓	
evening max el	-336 Feb 18 j 09:13	13°♓16'06	18°34'33
retrograde	-336 Feb 26 j 02:37	17°♓02'38	
evening set	-336 Feb 28 j 11:46	16°♓42'19	
inferior conj	-336 Mar 07 j 01:18	12°♓13'50	3°02'39
minimum elong	-336 Mar 07 j 05:21	12°♓05'55	3°01'47
min. Earth dist.	-336 Mar 10 j 10:57	9°♓36'08	0.58197 AU
morning rise	-336 Mar 14 j 18:59	6°♓53'04	
desc. node	-336 Mar 19 j 11:40	5°♓28'45	
direct	-336 Mar 20 j 16:36	5°♓25'03	
morning max el	-336 Apr 04 j 00:58	13°♓00'35	26°34'02
	-336 Apr 17 j 10:07	0°♈	
morning set	-336 May 03 j 06:34	28°♈58'46	
	-336 May 03 j 18:13	0°♉	
asc. node	-336 May 06 j 13:54	6°♉02'01	
superior conj	-336 May 10 j 08:09	14°♉15'27	0°38'52
minimum elong	-336 May 10 j 06:32	14°♉06'31	0°38'32
max. Earth dist.	-336 May 10 j 12:48	14°♉40'58	1.32414 AU
evening rise	-336 May 17 j 08:06	29°♉21'49	
	-336 May 17 j 15:26	0°♊	
	-336 Jun 03 j 06:51	0°♋	
desc. node	-336 Jun 15 j 10:56	15°♋21'07	
evening max el	-336 Jun 16 j 08:20	16°♋13'17	26°43'18
retrograde	-336 Jun 30 j 07:49	23°♋29'00	
evening set	-336 Jul 07 j 02:23	21°♋30'26	
min. Earth dist.	-336 Jul 10 j 21:47	18°♋52'34	0.60349 AU
inferior conj	-336 Jul 14 j 05:15	16°♋09'28	-4°-35'-44
minimum elong	-336 Jul 14 j 07:56	16°♋03'57	4°35'30
morning rise	-336 Jul 21 j 16:41	11°♋26'52	
direct	-336 Jul 24 j 03:19	11°♋04'12	
morning max el	-336 Jul 31 j 11:38	14°♋39'12	18°09'58
asc. node	-336 Aug 02 j 13:06	16°♋52'44	
	-336 Aug 11 j 01:15	0°♌	
morning set	-336 Aug 16 j 08:44	9°♌48'23	
superior conj	-336 Aug 26 j 01:34	27°♌46'08	1°34'02
minimum elong	-336 Aug 26 j 05:11	28°♌02'26	1°33'45
	-336 Aug 27 j 07:29	0°♍	
max. Earth dist.	-336 Sep 02 j 16:28	11°♍03'29	1.41288 AU
evening rise	-336 Sep 07 j 22:20	19°♍43'58	
desc. node	-336 Sep 11 j 10:14	25°♍19'20	
	-336 Sep 14 j 10:09	0°♎	
	-336 Oct 05 j 14:17	0°♏	
greatest brilliancy	-336 Oct 06 j 13:31	1°♏11'18	-0.3m
evening max el	-336 Oct 11 j 15:22	6°♏52'43	22°51'18
retrograde	-336 Oct 21 j 15:18	12°♏48'56	
evening set	-336 Oct 26 j 08:13	10°♏54'28	
asc. node	-336 Oct 29 j 12:18	7°♏30'49	
inferior conj	-336 Oct 31 j 17:31	4°♏31'49	0°45'32
minimum elong	-336 Oct 31 j 16:28	4°♏35'26	0°45'05
min. Earth dist.	-336 Oct 31 j 12:18	4°♏49'48	0.67653 AU
	-336 Nov 04 j 06:23	30°℞♎	
morning rise	-336 Nov 06 j 00:42	28°♎18'55	
direct	-336 Nov 10 j 09:24	26°♎35'01	
	-336 Nov 17 j 09:41	0°♏	
morning max el	-336 Nov 19 j 10:07	1°♏54'02	21°47'57
greatest brilliancy	-336 Nov 24 j 06:42	7°♏24'40	-0.4m
desc. node	-336 Dec 08 j 09:30	26°♏56'08	
	-336 Dec 10 j 10:57	0°♐	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-336 Dec 21 j 13:41	17°♐10'30		
max. Earth dist.	-336 Dec 27 j 23:56	27°♐38'14	1.41551 AU	
	-336 Dec 29 j 09:53	0°♑		
superior conj	-335 Jan 04 j 15:16	10°♑40'44	-2°-1'-22	
minimum elong	-335 Jan 04 j 14:52	10°♑38'59	2°01'23	
evening rise	-335 Jan 15 j 08:57	0°♒06'11		
	-335 Jan 15 j 07:37	0°♒		
asc. node	-335 Jan 25 j 11:38	17°♒56'15		
evening max el	-335 Jan 31 j 17:38	26°♒07'36	18°11'52	
retrograde	-335 Feb 07 j 15:26	29°♒36'34		
evening set	-335 Feb 10 j 04:59	29°♒08'28		
inferior conj	-335 Feb 17 j 02:50	24°♒18'41	3°40'49	
minimum elong	-335 Feb 17 j 04:54	24°♒14'01	3°40'36	
min. Earth dist.	-335 Feb 20 j 10:19	21°♒20'06	0.60271 AU	
morning rise	-335 Feb 24 j 01:38	18°♒36'05		
direct	-335 Mar 02 j 17:36	16°♒30'28		
desc. node	-335 Mar 06 j 08:43	17°♒05'30		
morning max el	-335 Mar 16 j 23:50	24°♒17'51	27°28'34	
	-335 Mar 22 j 04:25	0°♓		
	-335 Apr 10 j 15:06	0°♈		
morning set	-335 Apr 17 j 14:27	13°♈43'09		
asc. node	-335 Apr 23 j 10:55	26°♈12'48		
max. Earth dist.	-335 Apr 24 j 01:24	27°♈31'53	1.32371 AU	
superior conj	-335 Apr 24 j 19:40	29°♈11'56	0°14'25	
minimum elong	-335 Apr 24 j 19:01	29°♈08'22	0°14'16	
behind sun begin	-335 Apr 24 j 16:50	28°♈56'25		
behind sun end	-335 Apr 24 j 21:12	29°♈20'19		
	-335 Apr 25 j 04:26	0°♉		
evening rise	-335 May 01 j 18:16	14°♉15'12		
	-335 May 09 j 16:56	0°♊		
evening max el	-335 May 29 j 04:32	27°♊34'21	25°36'26	
	-335 May 31 j 22:45	0°♋		
desc. node	-335 Jun 02 j 07:58	1°♋03'03		
retrograde	-335 Jun 12 j 05:50	4°♋45'56		
evening set	-335 Jun 18 j 01:35	3°♋25'35		
min. Earth dist.	-335 Jun 22 j 16:43	0°♋44'00	0.58297 AU	
	-335 Jun 23 j 17:56	30°℞♊		
inferior conj	-335 Jun 25 j 22:40	28°♊25'14	-4°-41'-43	
minimum elong	-335 Jun 25 j 21:30	28°♊27'20	4°41'42	
morning rise	-335 Jul 03 j 21:14	24°♊05'21		
direct	-335 Jul 06 j 09:17	23°♊45'36		
morning max el	-335 Jul 14 j 17:16	27°♊41'24	18°45'58	
	-335 Jul 16 j 21:43	0°♋		
asc. node	-335 Jul 20 j 10:09	4°♋41'54		
morning set	-335 Jul 31 j 02:43	23°♋48'14		
	-335 Aug 03 j 06:44	0°♌		
superior conj	-335 Aug 08 j 19:18	10°♌39'14	1°45'21	
minimum elong	-335 Aug 08 j 20:44	10°♌45'57	1°45'18	
max. Earth dist.	-335 Aug 15 j 19:58	23°♌32'30	1.39293 AU	
evening rise	-335 Aug 19 j 21:18	0°♍35'09		
	-335 Aug 19 j 13:04	0°♍		
desc. node	-335 Aug 29 j 07:16	15°♍54'11		
	-335 Sep 07 j 18:49	0°♎		
evening max el	-335 Sep 24 j 04:03	20°♎25'15	24°11'31	
retrograde	-335 Oct 05 j 06:34	26°♎56'26		
evening set	-335 Oct 10 j 13:38	24°♎43'58		
inferior conj	-335 Oct 15 j 23:59	18°♎20'09	0°-8'-4	
minimum elong	-335 Oct 16 j 00:11	18°♎19'29	0°08'01	
transit middle	-335 Oct 16 j 00:11	18°♎19'29	0°08'01	
transit begin	-335 Oct 15 j 21:49	18°♎27'31		
transit end	-335 Oct 16 j 02:34	18°♎11'28		
min. Earth dist.	-335 Oct 15 j 08:28	19°♎12'33	0.67475 AU	
asc. node	-335 Oct 16 j 09:21	17°♎48'36		
morning rise	-335 Oct 21 j 11:00	12°♎12'13		
direct	-335 Oct 25 j 06:20	10°♎49'34		
morning max el	-335 Nov 02 j 06:17	15°♎27'46	20°31'16	
greatest brilliancy	-335 Nov 08 j 12:57	22°♎56'00	-0.5m	
	-335 Nov 13 j 15:38	0°♏		
desc. node	-335 Nov 25 j 06:32	17°♏15'46		
morning set	-335 Nov 30 j 13:34	25°♏24'10		
	-335 Dec 03 j 12:19	0°♐		
max. Earth dist.	-335 Dec 10 j 06:22	10°♐43'42	1.43298 AU	
superior conj	-335 Dec 16 j 13:34	21°♐02'29	-1°-52'-5	
minimum elong	-335 Dec 16 j 08:27	20°♐41'12	1°51'49	
	-335 Dec 21 j 20:59	0°♑		
evening rise	-335 Dec 28 j 22:34	12°♑16'33		
	-334 Jan 08 j 06:51	0°♒		
asc. node	-334 Jan 12 j 08:40	5°♒57'22		
evening max el	-334 Jan 15 j 05:33	9°♒17'24	18°08'48	
retrograde	-334 Jan 21 j 18:19	12°♒42'57		
evening set	-334 Jan 24 j 12:05	12°♒05'56		
inferior conj	-334 Jan 30 j 21:39	6°♒55'02	3°51'28	
minimum elong	-334 Jan 30 j 21:28	6°♒55'30	3°51'27	
min. Earth dist.	-334 Feb 02 j 17:49	4°♒00'09	0.62321 AU	
morning rise	-334 Feb 06 j 04:39	0°♒58'49		
	-334 Feb 07 j 16:14	30°℞♑		
direct	-334 Feb 13 j 04:25	28°♑23'57		
	-334 Feb 19 j 01:56	0°♒		
desc. node	-334 Feb 21 j 05:44	1°♒16'44		
morning max el	-334 Feb 27 j 04:30	6°♒15'43	27°46'59	
	-334 Mar 17 j 04:31	0°♓		
morning set	-334 Apr 01 j 17:21	28°♓09'37		
	-334 Apr 02 j 14:59	0°♈		
max. Earth dist.	-334 Apr 07 j 10:41	10°♈08'41	1.32710 AU	
superior conj	-334 Apr 09 j 05:28	13°♈59'44	0°-11'-39	
minimum elong	-334 Apr 09 j 06:01	14°♈02'42	0°11'32	
behind sun begin	-334 Apr 09 j 02:27	13°♈43'22		
behind sun end	-334 Apr 09 j 09:35	14°♈22'03		
asc. node	-334 Apr 10 j 07:59	16°♈23'41		
evening rise	-334 Apr 16 j 05:59	29°♈09'47		
	-334 Apr 16 j 15:31	0°♉		
	-334 May 03 j 15:50	0°♊		
evening max el	-334 May 10 j 19:50	8°♊20'18	24°08'15	
desc. node	-334 May 20 j 05:00	14°♊32'40		
retrograde	-334 May 24 j 16:12	15°♊18'10		
evening set	-334 May 29 j 02:43	14°♊34'23		
min. Earth dist.	-334 Jun 04 j 07:09	11°♊33'08	0.56510 AU	
inferior conj	-334 Jun 06 j 20:00	9°♊58'20	-4°-11'-22	
minimum elong	-334 Jun 06 j 14:19	10°♊07'14	4°10'24	
morning rise	-334 Jun 15 j 05:40	5°♊56'52		
direct	-334 Jun 17 j 20:26	5°♊38'48		
morning max el	-334 Jun 27 j 13:44	10°♊09'14	19°42'55	
asc. node	-334 Jul 07 j 07:12	23°♊15'32		
	-334 Jul 11 j 00:19	0°♋		
morning set	-334 Jul 15 j 04:36	8°♋12'48		
superior conj	-334 Jul 23 j 04:22	24°♋18'53	1°46'56	
minimum elong	-334 Jul 23 j 03:52	24°♋16'25	1°46'56	
	-334 Jul 26 j 02:05	0°♌		
max. Earth dist.	-334 Jul 28 j 23:21	5°♌29'25	1.37325 AU	
evening rise	-334 Aug 01 j 20:25	12°♌35'50		
	-334 Aug 12 j 03:31	0°♍		
desc. node	-334 Aug 16 j 04:19	6°♍16'25		
	-334 Sep 02 j 20:09	0°♎		
evening max el	-334 Sep 06 j 15:38	4°♎01'37	25°26'42	
retrograde	-334 Sep 18 j 17:23	10°♎58'39		
evening set	-334 Sep 24 j 15:16	8°♎29'50		
min. Earth dist.	-334 Sep 29 j 01:48	3°♎34'05	0.66980 AU	
inferior conj	-334 Sep 30 j 04:06	2°♎09'04	-1°-3'-37	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-334 Sep 30 j 05:42	2°♎03'55	1°02'58
	-334 Oct 01 j 20:57	30°℞♍	
asc. node	-334 Oct 03 j 06:25	28°♍24'07	
morning rise	-334 Oct 05 j 20:44	26°♍09'07	
direct	-334 Oct 09 j 04:44	25°♍04'49	
morning max el	-334 Oct 16 j 10:01	29°♍10'54	19°27'41
	-334 Oct 17 j 04:47	0°♎	
greatest brilliancy	-334 Oct 25 j 12:15	10°♎51'13	-0.7m
	-334 Nov 07 j 03:03	0°♏	
morning set	-334 Nov 09 j 13:19	3°♏45'51	
desc. node	-334 Nov 12 j 03:34	7°♏47'49	
max. Earth dist.	-334 Nov 22 j 20:01	24°♏33'09	1.44501 AU
superior conj	-334 Nov 26 j 09:14	0°♐11'51	-1°-24'-44
minimum elong	-334 Nov 26 j 01:01	29°♏39'06	1°23'55
	-334 Nov 26 j 06:16	0°♐	
evening rise	-334 Dec 10 j 15:57	23°♐32'22	
	-334 Dec 14 j 12:41	0°♑	
evening max el	-334 Dec 29 j 18:03	22°♑37'35	18°24'32
asc. node	-334 Dec 30 j 05:43	23°♑06'27	
retrograde	-333 Jan 05 j 06:48	26°♑11'54	
evening set	-333 Jan 08 j 05:18	25°♑24'48	
inferior conj	-333 Jan 14 j 05:39	19°♑54'15	3°42'06
minimum elong	-333 Jan 14 j 03:51	19°♑59'26	3°41'53
min. Earth dist.	-333 Jan 16 j 10:46	17°♑22'15	0.64120 AU
morning rise	-333 Jan 20 j 00:57	13°♑49'19	
direct	-333 Jan 26 j 22:42	10°♑59'52	
desc. node	-333 Feb 08 j 02:46	17°♑26'06	
morning max el	-333 Feb 09 j 12:56	18°♑48'31	27°29'16
	-333 Feb 19 j 01:04	0°♒	
	-333 Mar 10 j 02:20	0°♓	
morning set	-333 Mar 16 j 12:36	12°♓09'08	
max. Earth dist.	-333 Mar 21 j 12:50	22°♓18'57	1.33455 AU
superior conj	-333 Mar 24 j 11:41	28°♓32'12	0°-38'-23
minimum elong	-333 Mar 24 j 13:32	28°♓41'58	0°38'01
	-333 Mar 25 j 04:10	0°♈	
asc. node	-333 Mar 28 j 05:03	6°♈30'16	
evening rise	-333 Mar 31 j 17:25	13°♈58'48	
	-333 Apr 08 j 21:12	0°♉	
evening max el	-333 Apr 22 j 11:49	18°♉55'53	22°32'59
retrograde	-333 May 05 j 13:38	25°♉22'45	
desc. node	-333 May 07 j 02:01	25°♉17'37	
evening set	-333 May 08 j 15:52	25°♉01'46	
min. Earth dist.	-333 May 16 j 19:51	21°♉29'03	0.55329 AU
inferior conj	-333 May 17 j 23:15	20°♉50'07	-2°-56'-1
minimum elong	-333 May 17 j 16:15	21°♉00'04	2°54'00
morning rise	-333 May 26 j 18:58	16°♉56'25	
direct	-333 May 29 j 14:40	16°♉38'07	
morning max el	-333 Jun 09 j 23:14	21°♉55'32	21°00'07
	-333 Jun 16 j 18:34	0°♊	
asc. node	-333 Jun 24 j 04:17	12°♊23'11	
morning set	-333 Jun 29 j 11:51	22°♊55'20	
	-333 Jul 02 j 21:38	0°♋	
superior conj	-333 Jul 07 j 00:19	8°♋32'37	1°40'54
minimum elong	-333 Jul 06 j 22:32	8°♋23'25	1°40'46
max. Earth dist.	-333 Jul 11 j 08:47	17°♋20'20	1.35591 AU
evening rise	-333 Jul 15 j 15:18	25°♋35'05	
	-333 Jul 18 j 00:30	0°♌	
desc. node	-333 Aug 03 j 01:22	26°♌19'58	
	-333 Aug 05 j 14:37	0°♍	
evening max el	-333 Aug 20 j 03:28	17°♍37'54	26°28'58
retrograde	-333 Sep 01 j 23:09	24°♍50'19	
evening set	-333 Sep 08 j 11:06	22°♍09'26	
min. Earth dist.	-333 Sep 12 j 13:51	17°♍51'16	0.66148 AU
inferior conj	-333 Sep 14 j 03:56	15°♍55'46	-1°-59'-23
minimum elong	-333 Sep 14 j 06:56	15°♍46'39	1°58'13
morning rise	-333 Sep 20 j 03:51	10°♍07'03	
asc. node	-333 Sep 20 j 03:27	10°♍07'36	
direct	-333 Sep 23 j 02:47	9°♍17'35	
morning max el	-333 Sep 29 j 20:15	13°♍01'14	18°39'34
	-333 Oct 12 j 02:27	0°♎	
morning set	-333 Oct 20 j 10:53	13°♎17'00	
desc. node	-333 Oct 30 j 00:39	28°♎28'30	
	-333 Oct 30 j 23:51	0°♏	
superior conj	-333 Nov 05 j 11:11	8°♏36'48	0°-41'-18
minimum elong	-333 Nov 05 j 05:50	8°♏15'46	0°40'37
max. Earth dist.	-333 Nov 05 j 14:16	8°♏48'54	1.45013 AU
	-333 Nov 19 j 00:14	0°♐	
evening rise	-333 Nov 21 j 09:56	3°♐49'46	
	-333 Dec 08 j 06:30	0°♑	
evening max el	-333 Dec 13 j 04:36	6°♑03'09	18°58'01
asc. node	-333 Dec 17 j 02:45	9°♑09'41	
retrograde	-333 Dec 20 j 01:13	9°♑56'41	
evening set	-333 Dec 23 j 05:35	8°♑58'12	
inferior conj	-333 Dec 28 j 23:17	3°♑10'20	3°18'26
minimum elong	-333 Dec 28 j 20:38	3°♑18'36	3°17'54
min. Earth dist.	-333 Dec 30 j 13:10	1°♑12'20	0.65556 AU
	-333 Dec 31 j 13:13	30°℞♐	
morning rise	-332 Jan 03 j 10:46	26°♐59'32	
direct	-332 Jan 09 j 23:26	24°♐10'08	
	-332 Jan 21 j 02:30	0°♑	
morning max el	-332 Jan 22 j 22:41	1°♑46'02	26°40'26
desc. node	-332 Jan 25 j 23:49	5°♑00'52	
	-332 Feb 13 j 04:12	0°♒	
morning set	-332 Feb 27 j 20:47	25°♒30'55	
	-332 Mar 01 j 04:43	0°♓	
max. Earth dist.	-332 Mar 03 j 04:28	3°♓55'21	1.34643 AU
superior conj	-332 Mar 07 j 12:09	12°♓42'20	-1°-4'-35
minimum elong	-332 Mar 07 j 15:10	12°♓57'56	1°04'04
asc. node	-332 Mar 14 j 02:06	26°♓28'00	
evening rise	-332 Mar 15 j 02:41	28°♓35'42	
	-332 Mar 15 j 19:01	0°♈	
evening max el	-332 Apr 03 j 11:02	29°♈49'04	21°04'16
	-332 Apr 03 j 15:36	0°♉	
retrograde	-332 Apr 15 j 03:14	5°♉28'17	
evening set	-332 Apr 17 j 10:23	5°♉15'56	
desc. node	-332 Apr 22 j 23:02	3°♉19'42	
inferior conj	-332 Apr 26 j 17:37	1°♉17'28	-1°-4'-38
minimum elong	-332 Apr 26 j 14:33	1°♉21'47	1°03'34
min. Earth dist.	-332 Apr 27 j 08:47	0°♉56'01	0.55017 AU
	-332 Apr 29 j 01:05	30°℞♈	
morning rise	-332 May 05 j 18:18	27°♈13'39	
direct	-332 May 09 j 00:59	26°♈50'25	
	-332 May 18 j 05:17	0°♉	
morning max el	-332 May 21 j 22:15	3°♉00'14	22°33'39
	-332 Jun 09 j 02:05	0°♊	
asc. node	-332 Jun 10 j 01:21	1°♊55'33	
morning set	-332 Jun 12 j 22:18	7°♊48'49	
superior conj	-332 Jun 20 j 03:41	23°♊09'14	1°28'54
minimum elong	-332 Jun 20 j 01:16	22°♊56'27	1°28'37
max. Earth dist.	-332 Jun 23 j 03:17	29°♊24'45	1.34208 AU
	-332 Jun 23 j 10:06	0°♋	
evening rise	-332 Jun 28 j 00:58	9°♋18'28	
	-332 Jul 09 j 11:34	0°♌	
desc. node	-332 Jul 19 j 22:23	15°♌55'52	
	-332 Jul 31 j 13:08	0°♍	
evening max el	-332 Aug 01 j 15:13	1°♍04'07	27°10'47
retrograde	-332 Aug 14 j 23:28	8°♍23'21	
evening set	-332 Aug 21 j 22:38	5°♍38'12	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	-332 Aug 25 j 18:16	1°♍57'33	0.64951 AU
inferior conj	-332 Aug 27 j 21:17	29°♌35'17	-2°-53'-14
minimum elong	-332 Aug 28 j 01:27	29°♌23'36	2°51'51
	-332 Aug 27 j 12:27	30°℞♌	
morning rise	-332 Sep 03 j 05:54	24°♌01'08	
direct	-332 Sep 05 j 22:08	23°♌22'59	
asc. node	-332 Sep 06 j 00:30	23°♌23'02	
morning max el	-332 Sep 12 j 10:35	26°♌53'16	18°08'01
	-332 Sep 15 j 03:43	0°♍	
morning set	-332 Sep 30 j 12:58	24°♍11'43	
	-332 Oct 04 j 00:54	0°♎	
superior conj	-332 Oct 14 j 16:11	17°♎16'17	0°08'06
minimum elong	-332 Oct 14 j 17:11	17°♎20'15	0°07'57
behind sun begin	-332 Oct 14 j 07:41	16°♎42'23	
behind sun end	-332 Oct 15 j 02:40	17°♎58'05	
desc. node	-332 Oct 15 j 21:42	19°♎13'46	
max. Earth dist.	-332 Oct 18 j 09:03	23°♎08'55	1.44776 AU
	-332 Oct 22 j 17:39	0°♏	
evening rise	-332 Oct 31 j 05:28	13°♏13'10	
	-332 Nov 11 j 03:25	0°♐	
greatest brilliancy	-332 Nov 17 j 20:15	9°♐53'35	-0.6m
evening max el	-332 Nov 25 j 11:05	19°♐30'46	19°47'51
retrograde	-332 Dec 02 j 22:26	23°♐52'23	
asc. node	-332 Dec 02 j 23:46	23°♐52'22	
evening set	-332 Dec 06 j 10:23	22°♐40'46	
inferior conj	-332 Dec 11 j 23:35	16°♐38'43	2°44'26
minimum elong	-332 Dec 11 j 20:46	16°♐48'01	2°43'37
min. Earth dist.	-332 Dec 12 j 23:40	15°♐19'07	0.66598 AU
morning rise	-332 Dec 17 j 06:31	10°♐24'17	
direct	-332 Dec 23 j 05:57	7°♐46'15	
morning max el	-331 Jan 04 j 07:50	14°♐56'43	25°28'47
desc. node	-331 Jan 11 j 20:53	23°♐36'23	
	-331 Jan 16 j 16:53	0°♑	
	-331 Feb 05 j 00:21	0°♒	
morning set	-331 Feb 09 j 13:16	8°♒01'53	
max. Earth dist.	-331 Feb 13 j 08:27	15°♒03'59	1.36272 AU
superior conj	-331 Feb 19 j 04:09	26°♒22'41	-1°-28'-35
minimum elong	-331 Feb 19 j 07:54	26°♒41'23	1°28'06
	-331 Feb 20 j 23:29	0°♓	
evening rise	-331 Feb 27 j 07:44	12°♓54'13	
asc. node	-331 Feb 28 j 23:08	16°♓12'24	
	-331 Mar 08 j 09:22	0°♈	
evening max el	-331 Mar 16 j 21:16	11°♈18'08	19°50'58
retrograde	-331 Mar 26 j 20:30	16°♈04'53	
evening set	-331 Mar 28 j 23:24	15°♈52'51	
inferior conj	-331 Apr 06 j 17:36	11°♈51'26	0°52'22
minimum elong	-331 Apr 06 j 19:50	11°♈47'59	0°51'37
min. Earth dist.	-331 Apr 08 j 23:04	10°♈29'12	0.55659 AU
desc. node	-331 Apr 09 j 20:03	9°♈57'59	
morning rise	-331 Apr 15 j 13:06	7°♈19'46	
direct	-331 Apr 19 j 17:01	6°♈41'23	
morning max el	-331 May 03 j 14:31	13°♈36'59	24°14'24
	-331 May 16 j 07:14	0°♉	
asc. node	-331 May 27 j 22:25	21°♉45'52	
morning set	-331 May 28 j 10:12	22°♉47'37	
	-331 May 31 j 19:09	0°♊	
superior conj	-331 Jun 04 j 11:51	8°♊00'34	1°12'14
minimum elong	-331 Jun 04 j 09:23	7°♊47'13	1°11'51
max. Earth dist.	-331 Jun 06 j 06:41	11°♊51'17	1.33216 AU
evening rise	-331 Jun 11 j 21:18	23°♊34'11	
	-331 Jun 15 j 03:20	0°♋	
	-331 Jul 03 j 03:52	0°♌	
desc. node	-331 Jul 06 j 19:23	4°♌52'28	
evening max el	-331 Jul 15 j 01:30	14°♌08'59	27°25'25

retrograde	-331 Jul 28 j 18:03	21°♌29'01	
evening set	-331 Aug 04 j 22:41	18°♌51'13	
min. Earth dist.	-331 Aug 08 j 13:18	15°♌43'45	0.63389 AU
inferior conj	-331 Aug 11 j 05:31	13°♌02'15	-3°-42'-1
minimum elong	-331 Aug 11 j 10:14	12°♌50'23	3°40'50
morning rise	-331 Aug 18 j 00:00	7°♌45'51	
direct	-331 Aug 20 j 12:02	7°♌15'45	
asc. node	-331 Aug 23 j 21:34	8°♌12'03	
morning max el	-331 Aug 27 j 02:18	10°♌41'07	17°53'58
	-331 Sep 09 j 01:25	0°♍	
morning set	-331 Sep 12 j 16:04	6°♍18'05	
superior conj	-331 Sep 24 j 18:57	27°♍01'49	0°51'21
minimum elong	-331 Sep 24 j 23:41	27°♍21'26	0°50'44
	-331 Sep 26 j 14:08	0°♎	
max. Earth dist.	-331 Oct 01 j 01:10	7°♎14'23	1.43842 AU
desc. node	-331 Oct 02 j 18:42	10°♎00'23	
evening rise	-331 Oct 10 j 12:26	22°♎08'02	
	-331 Oct 15 j 15:44	0°♏	
greatest brilliancy	-331 Nov 02 j 21:05	26°♏19'42	-0.5m
	-331 Nov 05 j 19:47	0°♐	
evening max el	-331 Nov 08 j 12:06	2°♐58'33	20°51'41
retrograde	-331 Nov 16 j 20:02	7°♐54'41	
asc. node	-331 Nov 19 j 20:47	7°♐02'30	
evening set	-331 Nov 20 j 17:34	6°♐27'58	
inferior conj	-331 Nov 26 j 04:04	0°♐15'08	2°02'38
minimum elong	-331 Nov 26 j 01:37	0°♐23'29	2°01'45
	-331 Nov 26 j 08:30	30°℞♏	
min. Earth dist.	-331 Nov 26 j 15:57	29°♏34'28	0.67273 AU
morning rise	-331 Dec 01 j 09:15	23°♏59'22	
direct	-331 Dec 06 j 17:41	21°♏40'00	
morning max el	-331 Dec 17 j 16:15	28°♏11'44	24°04'05
	-331 Dec 19 j 09:31	0°♐	
desc. node	-331 Dec 29 j 17:55	12°♐54'14	
	-330 Jan 10 j 10:42	0°♑	
morning set	-330 Jan 22 j 07:54	19°♑24'11	
max. Earth dist.	-330 Jan 26 j 04:13	26°♑09'11	1.38259 AU
	-330 Jan 28 j 07:22	0°♒	
superior conj	-330 Feb 02 j 08:04	9°♒22'40	-1°-48'-4
minimum elong	-330 Feb 02 j 11:35	9°♒39'28	1°47'48
evening rise	-330 Feb 11 j 06:02	26°♒46'21	
	-330 Feb 12 j 21:38	0°♓	
asc. node	-330 Feb 15 j 20:09	5°♓37'16	
evening max el	-330 Feb 27 j 18:13	23°♓24'31	18°56'44
retrograde	-330 Mar 08 j 04:10	27°♓28'06	
evening set	-330 Mar 10 j 10:36	27°♓11'38	
inferior conj	-330 Mar 18 j 10:33	22°♓55'11	2°25'13
minimum elong	-330 Mar 18 j 14:57	22°♓47'20	2°24'02
min. Earth dist.	-330 Mar 21 j 15:11	20°♓39'52	0.57116 AU
morning rise	-330 Mar 26 j 15:07	17°♓50'48	
desc. node	-330 Mar 27 j 17:05	17°♓26'26	
direct	-330 Mar 31 j 22:26	16°♓43'28	
morning max el	-330 Apr 15 j 05:29	24°♓08'58	25°48'38
	-330 Apr 20 j 13:19	0°♈	
	-330 May 09 j 02:56	0°♉	
morning set	-330 May 12 j 21:53	7°♉45'22	
asc. node	-330 May 14 j 19:28	11°♉47'40	
superior conj	-330 May 19 j 22:42	22°♉58'44	0°51'54
minimum elong	-330 May 19 j 20:40	22°♉47'31	0°51'32
max. Earth dist.	-330 May 20 j 16:29	24°♉35'56	1.32603 AU
	-330 May 23 j 04:08	0°♊	
evening rise	-330 May 27 j 00:58	8°♊11'18	
	-330 Jun 07 j 13:47	0°♋	
desc. node	-330 Jun 23 j 16:23	22°♋53'22	
evening max el	-330 Jun 27 j 08:02	26°♋40'26	27°08'15

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-330 Jul 01 j 06:06	0°♌		
retrograde	-330 Jul 11 j 05:51	3°♌57'57		
evening set	-330 Jul 18 j 07:12	1°♌41'33		
	-330 Jul 20 j 15:44	30°℞♋		
min. Earth dist.	-330 Jul 21 j 22:13	28°♋57'00	0.61514 AU	
inferior conj	-330 Jul 25 j 01:32	26°♋09'30	-4°-20'-50	
minimum elong	-330 Jul 25 j 05:30	26°♋00'39	4°20'14	
morning rise	-330 Aug 01 j 06:38	21°♋13'40		
direct	-330 Aug 03 j 17:01	20°♋48'55		
morning max el	-330 Aug 10 j 16:27	24°♋17'54	17°58'28	
asc. node	-330 Aug 10 j 18:39	24°♋23'17		
	-330 Aug 15 j 07:53	0°♌		
morning set	-330 Aug 26 j 14:18	19°♌19'45		
	-330 Sep 01 j 10:57	0°♍		
superior conj	-330 Sep 06 j 01:15	8°♍08'50	1°22'13	
minimum elong	-330 Sep 06 j 05:55	8°♍29'07	1°21'45	
max. Earth dist.	-330 Sep 13 j 12:41	20°♍50'32	1.42338 AU	
	-330 Sep 19 j 04:16	0°♎		
desc. node	-330 Sep 19 j 15:43	0°♎45'27		
evening rise	-330 Sep 20 j 00:49	1°♎21'30		
	-330 Oct 09 j 04:41	0°♏		
greatest brilliancy	-330 Oct 17 j 14:00	11°♏06'57	-0.3m	
evening max el	-330 Oct 22 j 07:26	16°♏27'25	22°05'55	
retrograde	-330 Oct 31 j 16:06	22°♏01'25		
evening set	-330 Nov 05 j 01:23	20°♏17'35		
asc. node	-330 Nov 06 j 17:50	18°♏42'00		
inferior conj	-330 Nov 10 j 10:43	13°♏57'39	1°15'01	
minimum elong	-330 Nov 10 j 09:04	14°♏03'22	1°14'20	
min. Earth dist.	-330 Nov 10 j 11:37	13°♏54'34	0.67608 AU	
morning rise	-330 Nov 15 j 16:34	7°♏42'58		
direct	-330 Nov 20 j 09:47	5°♏45'46		
morning max el	-330 Nov 30 j 02:36	11°♏30'57	22°36'23	
greatest brilliancy	-330 Dec 04 j 17:38	16°♏41'51	-0.3m	
	-330 Dec 14 j 17:32	0°♐		
desc. node	-330 Dec 16 j 14:57	2°♐42'33		
morning set	-329 Jan 02 j 22:48	29°♐23'36		
	-329 Jan 03 j 07:41	0°♑		
max. Earth dist.	-329 Jan 08 j 00:03	7°♑49'28	1.40386 AU	
superior conj	-329 Jan 15 j 19:22	21°♑31'11	-1°-59'-47	
minimum elong	-329 Jan 15 j 21:00	21°♑38'38	1°59'45	
	-329 Jan 20 j 10:05	0°♒		
evening rise	-329 Jan 25 j 18:37	10°♒05'14		
asc. node	-329 Feb 02 j 17:10	24°♒36'16		
	-329 Feb 06 j 02:21	0°♓		
evening max el	-329 Feb 10 j 23:22	6°♓02'10	18°22'31	
retrograde	-329 Feb 18 j 06:48	9°♓38'53		
evening set	-329 Feb 20 j 18:02	9°♓15'18		
inferior conj	-329 Feb 28 j 00:30	4°♓37'58	3°22'41	
minimum elong	-329 Feb 28 j 03:51	4°♓31'00	3°22'06	
min. Earth dist.	-329 Mar 03 j 10:52	1°♓48'20	0.59072 AU	
	-329 Mar 05 j 22:42	30°℞♒		
morning rise	-329 Mar 07 j 10:00	29°♒07'05		
direct	-329 Mar 13 j 16:56	27°♒22'30		
desc. node	-329 Mar 14 j 14:07	27°♒24'32		
	-329 Mar 21 j 18:08	0°♓		
morning max el	-329 Mar 28 j 00:29	5°♓03'32	27°01'13	
	-329 Apr 15 j 09:42	0°♈		
morning set	-329 Apr 27 j 07:41	22°♈36'21		
	-329 Apr 30 j 19:04	0°♉		
asc. node	-329 May 01 j 16:30	1°♉56'20		
superior conj	-329 May 04 j 10:29	7°♉57'31	0°28'45	
minimum elong	-329 May 04 j 09:14	7°♉50'40	0°28'29	
max. Earth dist.	-329 May 04 j 05:14	7°♉28'42	1.32357 AU	
evening rise	-329 May 11 j 09:26	23°♉01'11		
	-329 May 14 j 19:06	0°♊		
	-329 Jun 01 j 21:06	0°♋		
evening max el	-329 Jun 09 j 08:31	8°♋28'26	26°18'15	
desc. node	-329 Jun 10 j 13:25	9°♋35'00		
retrograde	-329 Jun 23 j 09:10	15°♋42'08		
evening set	-329 Jun 29 j 19:34	13°♋59'34		
min. Earth dist.	-329 Jul 03 j 21:31	11°♋22'10	0.59467 AU	
inferior conj	-329 Jul 07 j 05:42	8°♋47'09	-4°-41'-56	
minimum elong	-329 Jul 07 j 06:58	8°♋44'41	4°41'54	
morning rise	-329 Jul 14 j 21:48	4°♋13'59		
direct	-329 Jul 17 j 08:55	3°♋52'37		
morning max el	-329 Jul 25 j 02:01	7°♋35'05	18°22'42	
asc. node	-329 Jul 28 j 15:43	11°♋40'57		
	-329 Aug 08 j 12:06	0°♌		
morning set	-329 Aug 10 j 02:19	3°♌01'52		
superior conj	-329 Aug 19 j 07:44	20°♌27'45	1°40'10	
minimum elong	-329 Aug 19 j 10:26	20°♌40'10	1°40'01	
	-329 Aug 24 j 15:01	0°♍		
max. Earth dist.	-329 Aug 26 j 19:08	3°♍46'38	1.40457 AU	
evening rise	-329 Aug 31 j 09:28	11°♍32'02		
desc. node	-329 Sep 06 j 12:45	21°♍25'07		
	-329 Sep 12 j 02:58	0°♎		
	-329 Oct 04 j 22:47	0°♏		
evening max el	-329 Oct 04 j 22:04	29°♎58'12	23°25'37	
retrograde	-329 Oct 15 j 09:17	6°♏09'21		
evening set	-329 Oct 20 j 08:08	4°♏07'13		
	-329 Oct 24 j 01:30	30°℞♎		
asc. node	-329 Oct 24 j 14:54	29°♎15'22		
inferior conj	-329 Oct 25 j 17:45	27°♎43'50	0°23'08	
minimum elong	-329 Oct 25 j 17:12	27°♎45'43	0°22'53	
min. Earth dist.	-329 Oct 25 j 08:12	28°♎16'34	0.67621 AU	
morning rise	-329 Oct 31 j 02:20	21°♎32'51		
direct	-329 Nov 04 j 05:15	19°♎58'07		
morning max el	-329 Nov 12 j 18:31	24°♎58'14	21°13'57	
	-329 Nov 17 j 04:55	0°♏		
greatest brilliancy	-329 Nov 18 j 02:19	1°♏06'55	-0.4m	
desc. node	-329 Dec 03 j 11:59	22°♏52'20		
	-329 Dec 08 j 04:49	0°♐		
morning set	-329 Dec 13 j 09:33	8°♐03'58		
max. Earth dist.	-329 Dec 21 j 02:36	20°♐25'54	1.42353 AU	
	-329 Dec 26 j 20:19	0°♑		
superior conj	-329 Dec 28 j 08:32	2°♑34'27	-1°-59'-29	
minimum elong	-329 Dec 28 j 06:13	2°♑24'34	1°59'26	
evening rise	-328 Jan 08 j 17:47	22°♑42'39		
	-328 Jan 12 j 18:56	0°♒		
asc. node	-328 Jan 20 j 14:12	13°♒01'07		
evening max el	-328 Jan 25 j 09:37	19°♒02'04	18°08'13	
retrograde	-328 Feb 01 j 02:14	22°♒27'55		
evening set	-328 Feb 03 j 17:40	21°♒56'00		
inferior conj	-328 Feb 10 j 09:51	16°♒56'47	3°48'13	
minimum elong	-328 Feb 10 j 10:55	16°♒54'14	3°48'09	
min. Earth dist.	-328 Feb 13 j 13:09	13°♒57'20	0.61162 AU	
morning rise	-328 Feb 17 j 01:28	11°♒07'48		
direct	-328 Feb 23 j 22:02	8°♒48'34		
desc. node	-328 Feb 29 j 11:10	10°♒10'34		
morning max el	-328 Mar 09 j 01:56	16°♒37'44	27°41'05	
	-328 Mar 20 j 02:58	0°♓		
	-328 Apr 06 j 23:04	0°♈		
morning set	-328 Apr 10 j 13:46	7°♈14'23		
max. Earth dist.	-328 Apr 16 j 17:11	20°♈16'49	1.32472 AU	
superior conj	-328 Apr 17 j 21:31	22°♈51'15	0°03'32	
minimum elong	-328 Apr 17 j 21:21	22°♈50'22	0°03'30	
behind sun begin	-328 Apr 17 j 16:23	22°♈23'15		
behind sun end	-328 Apr 18 j 02:19	23°♈17'30		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-328 Apr 17 j 13:32	22°♈07'44	
	-328 Apr 21 j 03:58	0°♉	
evening rise	-328 Apr 24 j 20:33	7°♉56'29	
	-328 May 06 j 09:28	0°♊	
evening max el	-328 May 21 j 02:18	19°♊33'04	25°00'44
desc. node	-328 May 27 j 10:26	24°♊26'02	
retrograde	-328 Jun 04 j 02:14	26°♊39'56	
evening set	-328 Jun 09 j 08:57	25°♊36'00	
min. Earth dist.	-328 Jun 14 j 13:51	22°♊47'59	0.57491 AU
inferior conj	-328 Jun 17 j 14:46	20°♊45'55	-4°-34'-3
minimum elong	-328 Jun 17 j 11:35	20°♊51'17	4°33'46
morning rise	-328 Jun 25 j 18:05	16°♊34'49	
direct	-328 Jun 28 j 07:22	16°♊15'47	
morning max el	-328 Jul 07 j 04:06	20°♊24'06	19°07'37
asc. node	-328 Jul 14 j 12:47	29°♊50'46	
	-328 Jul 14 j 15:06	0°♋	
morning set	-328 Jul 24 j 00:05	17°♋13'51	
	-328 Jul 30 j 10:50	0°♌	
superior conj	-328 Aug 01 j 08:42	3°♌43'03	1°47'05
minimum elong	-328 Aug 01 j 09:14	3°♌45'40	1°47'04
max. Earth dist.	-328 Aug 07 j 22:24	16°♌01'53	1.38444 AU
evening rise	-328 Aug 11 j 19:08	22°♌53'50	
	-328 Aug 15 j 23:15	0°♍	
desc. node	-328 Aug 23 j 09:47	11°♍55'21	
	-328 Sep 04 j 23:16	0°♎	
evening max el	-328 Sep 16 j 10:00	13°♎32'14	24°44'25
retrograde	-328 Sep 27 j 22:39	20°♎15'19	
evening set	-328 Oct 03 j 12:11	17°♎55'16	
min. Earth dist.	-328 Oct 08 j 03:20	12°♎39'02	0.67314 AU
inferior conj	-328 Oct 08 j 23:26	11°♎32'21	0°-31'-30
minimum elong	-328 Oct 09 j 00:12	11°♎29'46	0°31'11
asc. node	-328 Oct 10 j 11:58	9°♎33'13	
morning rise	-328 Oct 14 j 12:40	5°♎27'42	
direct	-328 Oct 18 j 02:54	4°♎13'22	
morning max el	-328 Oct 25 j 18:03	8°♎36'23	20°02'26
greatest brilliancy	-328 Nov 01 j 22:50	17°♎24'45	-0.6m
	-328 Nov 10 j 15:21	0°♏	
desc. node	-328 Nov 19 j 09:02	13°♏17'39	
morning set	-328 Nov 21 j 06:08	16°♏11'34	
	-328 Nov 30 j 02:05	0°♐	
max. Earth dist.	-328 Dec 02 j 12:44	3°♐53'11	1.43889 AU
superior conj	-328 Dec 07 j 19:09	12°♐23'19	-1°-42'-44
minimum elong	-328 Dec 07 j 12:12	11°♐54'59	1°42'13
	-328 Dec 18 j 08:09	0°♑	
evening rise	-328 Dec 20 j 23:18	4°♑30'27	
	-327 Jan 05 j 21:30	0°♒	
asc. node	-327 Jan 06 j 11:15	0°♒41'16	
evening max el	-327 Jan 07 j 22:00	2°♒16'07	18°13'14
retrograde	-327 Jan 14 j 09:51	5°♒44'24	
evening set	-327 Jan 17 j 05:28	5°♒03'16	
inferior conj	-327 Jan 23 j 10:44	29°♑43'32	3°49'33
minimum elong	-327 Jan 23 j 09:46	29°♑46'09	3°49'30
	-327 Jan 23 j 04:39	30°℞♑	
min. Earth dist.	-327 Jan 26 j 00:35	26°♑56'35	0.63117 AU
morning rise	-327 Jan 29 j 12:13	23°♑42'54	
direct	-327 Feb 05 j 11:57	21°♑00'12	
desc. node	-327 Feb 15 j 08:13	25°♑16'04	
morning max el	-327 Feb 19 j 08:45	28°♑52'01	27°43'52
	-327 Feb 20 j 11:27	0°♒	
	-327 Mar 13 j 22:57	0°♓	
morning set	-327 Mar 25 j 13:47	21°♓30'34	
	-327 Mar 29 j 16:56	0°♈	
max. Earth dist.	-327 Mar 31 j 00:03	2°♈44'20	1.32970 AU
superior conj	-327 Apr 02 j 06:00	7°♈32'59	0°-22'-57
minimum elong	-327 Apr 02 j 07:05	7°♈38'52	0°22'44
asc. node	-327 Apr 04 j 10:34	12°♈17'03	
evening rise	-327 Apr 09 j 08:21	22°♈49'14	
	-327 Apr 12 j 19:55	0°♉	
evening max el	-327 May 02 j 16:47	0°♊10'04	23°27'42
	-327 May 02 j 12:37	0°♊	
desc. node	-327 May 14 j 07:29	6°♊48'57	
retrograde	-327 May 16 j 07:17	6°♊57'59	
evening set	-327 May 20 j 03:13	6°♊25'41	
min. Earth dist.	-327 May 27 j 03:06	3°♊12'31	0.55914 AU
inferior conj	-327 May 29 j 03:45	2°♊00'10	-3°-44'-57
minimum elong	-327 May 28 j 20:54	2°♊10'25	3°43'25
	-327 Jun 01 j 16:31	30°℞♉	
morning rise	-327 Jun 06 j 18:03	28°♉04'10	
direct	-327 Jun 09 j 10:21	27°♉46'29	
	-327 Jun 16 j 12:34	0°♊	
morning max el	-327 Jun 19 j 20:08	2°♊35'14	20°13'26
asc. node	-327 Jul 01 j 09:51	18°♊39'49	
	-327 Jul 07 j 07:27	0°♋	
morning set	-327 Jul 08 j 04:31	1°♋46'39	
superior conj	-327 Jul 15 j 22:54	17°♋38'47	1°45'12
minimum elong	-327 Jul 15 j 21:46	17°♋33'06	1°45'09
max. Earth dist.	-327 Jul 21 j 03:23	27°♋51'36	1.36548 AU
	-327 Jul 22 j 06:21	0°♌	
evening rise	-327 Jul 25 j 03:14	5°♌20'45	
	-327 Aug 08 j 20:22	0°♍	
desc. node	-327 Aug 10 j 06:50	2°♍10'25	
evening max el	-327 Aug 29 j 21:21	27°♍08'28	25°55'06
	-327 Sep 02 j 01:49	0°♎	
retrograde	-327 Sep 11 j 07:34	4°♎14'03	
evening set	-327 Sep 17 j 11:39	1°♎39'07	
	-327 Sep 19 j 04:59	30°℞♍	
min. Earth dist.	-327 Sep 21 j 18:42	26°♍59'17	0.66669 AU
inferior conj	-327 Sep 23 j 01:58	25°♍20'40	-1°-27'-23
minimum elong	-327 Sep 23 j 04:10	25°♍13'42	1°26'29
asc. node	-327 Sep 27 j 09:01	20°♍32'40	
morning rise	-327 Sep 28 j 21:32	19°♍25'15	
direct	-327 Oct 02 j 01:17	18°♍27'55	
morning max el	-327 Oct 09 j 00:52	22°♍23'32	19°05'13
	-327 Oct 15 j 04:39	0°♎	
morning set	-327 Oct 31 j 13:16	24°♎57'55	
	-327 Nov 03 j 18:23	0°♏	
desc. node	-327 Nov 06 j 06:06	3°♏53'57	
max. Earth dist.	-327 Nov 15 j 04:21	17°♏54'51	1.44804 AU
superior conj	-327 Nov 17 j 05:23	21°♏08'22	-1°-7'-50
minimum elong	-327 Nov 16 j 21:36	20°♏37'37	1°06'57
	-327 Nov 22 j 19:10	0°♐	
evening rise	-327 Dec 02 j 07:01	15°♐21'53	
	-327 Dec 11 j 06:14	0°♑	
evening max el	-327 Dec 22 j 09:54	15°♑39'00	18°36'41
asc. node	-327 Dec 24 j 08:17	17°♑24'18	
retrograde	-327 Dec 29 j 01:18	19°♑20'39	
evening set	-326 Jan 01 j 02:00	18°♑29'06	
inferior conj	-326 Jan 06 j 23:15	12°♑50'58	3°33'32
minimum elong	-326 Jan 06 j 21:00	12°♑57'42	3°33'12
min. Earth dist.	-326 Jan 08 j 21:52	10°♑32'10	0.64773 AU
morning rise	-326 Jan 12 j 14:45	6°♑42'59	
direct	-326 Jan 19 j 09:16	3°♑51'39	
morning max el	-326 Feb 01 j 18:08	11°♑37'18	27°11'53
desc. node	-326 Feb 02 j 05:15	12°♑05'22	
	-326 Feb 16 j 10:18	0°♒	
	-326 Mar 06 j 10:40	0°♓	
morning set	-326 Mar 09 j 04:49	5°♓15'36	
max. Earth dist.	-326 Mar 13 j 21:53	14°♓39'40	1.33897 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-326 Mar 17 j 10:02	21°♓56'39	0°-49'-38
minimum elong	-326 Mar 17 j 12:23	22°♓09'06	0°49'12
	-326 Mar 21 j 05:13	0°♈	
asc. node	-326 Mar 22 j 07:37	2°♈20'14	
evening rise	-326 Mar 24 j 19:03	7°♈33'27	
	-326 Apr 05 j 20:44	0°♉	
evening max el	-326 Apr 14 j 11:05	10°♉49'48	21°53'52
retrograde	-326 Apr 27 j 00:39	16°♉58'15	
evening set	-326 Apr 29 j 16:24	16°♉42'31	
desc. node	-326 May 01 j 04:28	16°♉20'27	
min. Earth dist.	-326 May 08 j 16:04	12°♉51'47	0.55076 AU
inferior conj	-326 May 09 j 01:39	12°♉38'20	-2°-11'-46
minimum elong	-326 May 08 j 19:47	12°♉46'34	2°09'53
morning rise	-326 May 18 j 00:23	8°♉42'25	
direct	-326 May 20 j 23:26	8°♉22'57	
morning max el	-326 Jun 02 j 00:59	14°♉03'21	21°38'15
	-326 Jun 13 j 22:36	0°♊	
asc. node	-326 Jun 18 j 06:54	7°♊58'34	
morning set	-326 Jun 22 j 13:18	16°♊34'00	
	-326 Jun 28 j 22:47	0°♋	
superior conj	-326 Jun 29 j 22:20	2°♋03'09	1°36'27
minimum elong	-326 Jun 29 j 20:12	1°♋52'03	1°36'15
max. Earth dist.	-326 Jul 03 j 16:06	9°♋44'29	1.34957 AU
evening rise	-326 Jul 08 j 04:57	18°♋40'18	
	-326 Jul 14 j 08:49	0°♌	
desc. node	-326 Jul 28 j 03:51	22°♌03'09	
	-326 Aug 02 j 23:44	0°♍	
evening max el	-326 Aug 12 j 09:15	10°♍41'37	26°49'44
retrograde	-326 Aug 25 j 11:16	17°♍58'26	
evening set	-326 Sep 01 j 04:17	15°♍14'41	
min. Earth dist.	-326 Sep 05 j 03:53	11°♍12'27	0.65679 AU
inferior conj	-326 Sep 06 j 23:20	9°♍04'53	-2°-22'-40
minimum elong	-326 Sep 07 j 02:53	8°♍54'26	2°21'22
morning rise	-326 Sep 13 j 02:46	3°♍21'46	
asc. node	-326 Sep 14 j 06:05	2°♍53'24	
direct	-326 Sep 15 j 22:28	2°♍37'38	
morning max el	-326 Sep 22 j 13:06	6°♍14'57	18°23'58
	-326 Oct 08 j 19:54	0°♎	
morning set	-326 Oct 11 j 22:56	5°♎04'40	
desc. node	-326 Oct 24 j 03:09	24°♎36'50	
superior conj	-326 Oct 27 j 05:49	29°♎31'50	0°-20'-17
minimum elong	-326 Oct 27 j 03:08	29°♎21'18	0°19'57
	-326 Oct 27 j 12:58	0°♏	
max. Earth dist.	-326 Oct 28 j 22:46	2°♏13'07	1.45001 AU
evening rise	-326 Nov 12 j 14:48	25°♏14'12	
	-326 Nov 15 j 15:32	0°♐	
greatest brilliancy	-326 Nov 26 j 03:26	16°♐17'17	-0.7m
evening max el	-326 Dec 05 j 18:59	29°♐05'55	19°17'24
	-326 Dec 06 j 16:56	0°♑	
asc. node	-326 Dec 11 j 05:20	2°♑54'59	
retrograde	-326 Dec 12 j 21:06	3°♑10'16	
evening set	-326 Dec 16 j 04:27	2°♑06'33	
	-326 Dec 18 j 15:50	30°℞♐	
inferior conj	-326 Dec 21 j 20:02	26°♐12'33	3°05'05
minimum elong	-326 Dec 21 j 17:14	26°♐21'30	3°04'24
min. Earth dist.	-326 Dec 23 j 03:56	24°♐30'23	0.66052 AU
morning rise	-326 Dec 27 j 05:12	19°♐59'59	
direct	-325 Jan 02 j 12:45	17°♐13'56	
morning max el	-325 Jan 15 j 03:31	24°♐40'46	26°12'02
	-325 Jan 19 j 23:30	0°♑	
desc. node	-325 Jan 20 j 02:18	0°♑08'19	
	-325 Feb 09 j 20:52	0°♒	
morning set	-325 Feb 20 j 06:52	18°♒17'00	
max. Earth dist.	-325 Feb 24 j 08:00	26°♒00'00	1.35284 AU
	-325 Feb 26 j 08:46	0°♓	

superior conj	-325 Mar 01 j 07:13	5°♓54'52	-1°-15'-10
minimum elong	-325 Mar 01 j 10:38	6°♓12'12	1°14'38
evening rise	-325 Mar 09 j 02:43	22°♓02'39	
asc. node	-325 Mar 09 j 04:40	22°♓12'35	
	-325 Mar 13 j 01:51	0°♈	
evening max el	-325 Mar 27 j 14:53	21°♈57'06	20°30'57
retrograde	-325 Apr 07 j 13:40	27°♈12'57	
evening set	-325 Apr 09 j 17:35	27°♈01'29	
desc. node	-325 Apr 18 j 01:27	23°♈31'40	
inferior conj	-325 Apr 18 j 20:30	23°♈04'08	0°-13'-37
minimum elong	-325 Apr 18 j 19:52	23°♈05'04	0°13'23
transit middle	-325 Apr 18 j 19:52	23°♈05'04	0°13'23
transit begin	-325 Apr 18 j 17:41	23°♈08'14	
transit end	-325 Apr 18 j 22:03	23°♈01'53	
min. Earth dist.	-325 Apr 20 j 05:31	22°♈16'17	0.55176 AU
morning rise	-325 Apr 27 j 20:20	18°♈50'01	
direct	-325 May 01 j 11:09	18°♈21'39	
morning max el	-325 May 14 j 20:17	24°♈52'47	23°16'22
	-325 May 19 j 13:32	0°♉	
asc. node	-325 Jun 05 j 03:57	27°♉39'18	
	-325 Jun 06 j 07:15	0°♊	
morning set	-325 Jun 07 j 00:34	1°♊30'26	
superior conj	-325 Jun 14 j 04:00	16°♊46'56	1°22'20
minimum elong	-325 Jun 14 j 01:30	16°♊33'32	1°22'00
max. Earth dist.	-325 Jun 16 j 14:44	21°♊58'54	1.33739 AU
	-325 Jun 20 j 11:51	0°♋	
evening rise	-325 Jun 21 j 19:38	2°♋39'16	
	-325 Jul 07 j 05:05	0°♌	
desc. node	-325 Jul 15 j 00:50	11°♌24'14	
evening max el	-325 Jul 25 j 20:53	24°♌01'43	27°20'47
	-325 Aug 02 j 23:35	0°♍	
retrograde	-325 Aug 08 j 09:09	1°♍21'15	
	-325 Aug 13 j 09:39	30°℞♌	
evening set	-325 Aug 15 j 11:23	28°♌38'02	
min. Earth dist.	-325 Aug 19 j 04:39	25°♌12'01	0.64329 AU
inferior conj	-325 Aug 21 j 13:12	22°♌40'41	-3°-14'-47
minimum elong	-325 Aug 21 j 17:43	22°♌28'35	3°13'26
morning rise	-325 Aug 28 j 01:52	17°♌13'21	
direct	-325 Aug 30 j 16:03	16°♌38'54	
asc. node	-325 Sep 01 j 03:08	16°♌49'59	
morning max el	-325 Sep 06 j 04:20	20°♌06'07	17°59'47
	-325 Sep 13 j 14:14	0°♍	
morning set	-325 Sep 23 j 12:29	16°♍32'55	
	-325 Oct 01 j 12:35	0°♎	
superior conj	-325 Oct 06 j 18:30	8°♎35'15	0°27'44
minimum elong	-325 Oct 06 j 21:36	8°♎47'49	0°27'18
desc. node	-325 Oct 11 j 00:11	15°♎23'17	
max. Earth dist.	-325 Oct 11 j 17:05	16°♎30'27	1.44467 AU
	-325 Oct 20 j 07:36	0°♏	
evening rise	-325 Oct 23 j 03:15	4°♏21'28	
	-325 Nov 09 j 04:03	0°♐	
greatest brilliancy	-325 Nov 12 j 08:44	4°♐28'45	-0.6m
evening max el	-325 Nov 18 j 23:22	12°♐34'18	20°13'28
retrograde	-325 Nov 26 j 18:39	17°♐09'23	
asc. node	-325 Nov 28 j 02:21	16°♐59'26	
evening set	-325 Nov 30 j 10:30	15°♐51'29	
inferior conj	-325 Dec 05 j 22:22	9°♐44'33	2°27'30
minimum elong	-325 Dec 05 j 19:40	9°♐53'40	2°26'37
min. Earth dist.	-325 Dec 06 j 17:04	8°♐41'43	0.66940 AU
morning rise	-325 Dec 11 j 04:17	3°♐29'32	
direct	-325 Dec 16 j 21:33	0°♐58'47	
morning max el	-325 Dec 28 j 12:01	7°♐53'15	24°53'37
desc. node	-324 Jan 06 j 23:22	19°♐03'33	
	-324 Jan 14 j 20:06	0°♑	
	-324 Feb 02 j 10:12	0°♒	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-324 Feb 02 j 14:46	0°♒20'16		
max. Earth dist.	-324 Feb 06 j 07:48	7°♒03'10	1.37093 AU	
superior conj	-324 Feb 12 j 18:34	19°♒19'17	-1°-37'-35	
minimum elong	-324 Feb 12 j 22:22	19°♒37'55	1°37'10	
	-324 Feb 18 j 03:24	0°♓		
evening rise	-324 Feb 21 j 05:13	6°♓10'45		
asc. node	-324 Feb 24 j 01:41	11°♓49'19		
	-324 Mar 05 j 22:41	0°♈		
evening max el	-324 Mar 09 j 05:51	3°♈41'59	19°25'23	
retrograde	-324 Mar 18 j 11:53	8°♈08'31		
evening set	-324 Mar 20 j 16:03	7°♈54'53		
inferior conj	-324 Mar 29 j 02:36	3°♈47'53	1°35'57	
minimum elong	-324 Mar 29 j 06:15	3°♈41'56	1°34'47	
min. Earth dist.	-324 Mar 31 j 20:04	2°♈01'42	0.56197 AU	
desc. node	-324 Apr 03 j 22:30	0°♈14'02		
	-324 Apr 04 j 09:44	30°℞♓		
morning rise	-324 Apr 06 j 16:43	29°♓02'31		
direct	-324 Apr 11 j 08:14	28°♓13'29		
	-324 Apr 18 j 04:40	0°♈		
morning max el	-324 Apr 25 j 11:03	5°♈23'01	24°56'25	
	-324 May 13 j 03:00	0°♉		
morning set	-324 May 21 j 12:35	16°♉29'29		
asc. node	-324 May 22 j 00:59	17°♉34'59		
	-324 May 27 j 18:51	0°♊		
superior conj	-324 May 28 j 13:31	1°♊41'41	1°04'00	
minimum elong	-324 May 28 j 11:10	1°♊28'56	1°03'37	
max. Earth dist.	-324 May 29 j 21:27	4°♊35'02	1.32907 AU	
evening rise	-324 Jun 04 j 19:25	17°♊05'07		
	-324 Jun 11 j 10:27	0°♋		
desc. node	-324 Jun 30 j 21:50	29°♋59'38		
	-324 Jun 30 j 21:57	0°♌		
evening max el	-324 Jul 07 j 05:58	6°♌54'13	27°22'14	
retrograde	-324 Jul 21 j 00:39	14°♌12'39		
evening set	-324 Jul 28 j 05:21	11°♌42'14		
min. Earth dist.	-324 Jul 31 j 19:15	8°♌46'20	0.62628 AU	
inferior conj	-324 Aug 03 j 16:39	6°♌00'30	-4°00'-4	
minimum elong	-324 Aug 03 j 21:14	5°♌49'30	3°59'06	
morning rise	-324 Aug 10 j 15:35	0°♌52'29		
direct	-324 Aug 13 j 02:45	0°♌24'49		
asc. node	-324 Aug 18 j 00:12	2°♌15'56		
morning max el	-324 Aug 19 j 19:44	3°♌50'15	17°53'35	
morning set	-324 Sep 05 j 00:28	29°♌05'15		
	-324 Sep 05 j 12:45	0°♍		
superior conj	-324 Sep 16 j 09:02	18°♍55'48	1°06'04	
minimum elong	-324 Sep 16 j 14:06	19°♍17'14	1°05'29	
	-324 Sep 23 j 01:14	0°♎		
max. Earth dist.	-324 Sep 23 j 08:01	0°♎27'34	1.43269 AU	
desc. node	-324 Sep 26 j 21:12	6°♎09'43		
evening rise	-324 Oct 01 j 10:17	13°♎18'44		
	-324 Oct 12 j 10:05	0°♏		
greatest brilliancy	-324 Oct 26 j 19:26	20°♏08'23	-0.4m	
evening max el	-324 Oct 31 j 21:57	26°♏02'36	21°22'10	
	-324 Nov 05 j 16:40	0°♐		
retrograde	-324 Nov 09 j 15:50	1°♐14'27		
	-324 Nov 13 j 07:30	30°℞♏		
evening set	-324 Nov 13 j 18:13	29°♏40'25		
asc. node	-324 Nov 13 j 23:24	29°♏30'09		
inferior conj	-324 Nov 19 j 04:02	23°♏23'58	1°43'03	
minimum elong	-324 Nov 19 j 01:53	23°♏31'23	1°42'13	
min. Earth dist.	-324 Nov 19 j 11:02	22°♏59'50	0.67459 AU	
morning rise	-324 Nov 24 j 09:15	17°♏08'32		
direct	-324 Nov 29 j 11:05	14°♏58'41		
morning max el	-324 Dec 09 j 21:03	21°♏10'39	23°26'37	
greatest brilliancy	-324 Dec 15 j 13:31	27°♏36'27	-0.2m	
	-324 Dec 17 j 11:13	0°♐		
desc. node	-324 Dec 23 j 20:26	8°♐35'51		
	-323 Jan 07 j 02:48	0°♑		
morning set	-323 Jan 13 j 22:17	11°♑09'12		
max. Earth dist.	-323 Jan 18 j 03:12	18°♑22'16	1.39166 AU	
	-323 Jan 24 j 14:21	0°♒		
superior conj	-323 Jan 25 j 16:04	1°♒59'24	-1°-54'-13	
minimum elong	-323 Jan 25 j 19:02	2°♒13'16	1°54'03	
evening rise	-323 Feb 03 j 23:51	19°♒50'36		
	-323 Feb 09 j 08:27	0°♓		
asc. node	-323 Feb 09 j 22:43	1°♓04'44		
evening max el	-323 Feb 20 j 06:37	16°♓03'00	18°39'39	
retrograde	-323 Feb 28 j 04:00	19°♓53'35		
evening set	-323 Mar 02 j 12:23	19°♓34'22		
inferior conj	-323 Mar 10 j 04:34	15°♓09'05	2°53'57	
minimum elong	-323 Mar 10 j 08:48	15°♓01'01	2°52'58	
min. Earth dist.	-323 Mar 13 j 13:24	12°♓36'28	0.57904 AU	
morning rise	-323 Mar 18 j 01:07	9°♓52'08		
desc. node	-323 Mar 21 j 19:33	8°♓39'38		
direct	-323 Mar 23 j 19:09	8°♓29'44		
morning max el	-323 Apr 07 j 03:33	16°♓03'13	26°23'06	
	-323 Apr 18 j 11:43	0°♈		
	-323 May 05 j 07:17	0°♉		
morning set	-323 May 05 j 23:42	1°♉25'42		
asc. node	-323 May 08 j 22:02	7°♉40'39		
superior conj	-323 May 13 j 00:59	16°♉41'08	0°42'23	
minimum elong	-323 May 12 j 23:15	16°♉31'33	0°42'03	
max. Earth dist.	-323 May 13 j 09:02	17°♉25'18	1.32451 AU	
	-323 May 19 j 04:41	0°♊		
evening rise	-323 May 20 j 01:25	1°♊48'43		
	-323 Jun 04 j 10:10	0°♋		
desc. node	-323 Jun 17 j 18:50	17°♋30'07		
evening max el	-323 Jun 19 j 09:56	19°♋07'05	26°50'45	
retrograde	-323 Jul 03 j 09:05	26°♋23'35		
evening set	-323 Jul 10 j 05:50	24°♋19'54		
min. Earth dist.	-323 Jul 13 j 23:38	21°♋40'56	0.60653 AU	
inferior conj	-323 Jul 17 j 06:19	18°♋55'57	-4°-32'-34	
minimum elong	-323 Jul 17 j 09:24	18°♋49'27	4°32'14	
morning rise	-323 Jul 24 j 16:07	14°♋10'00		
direct	-323 Jul 27 j 02:35	13°♋46'54		
morning max el	-323 Aug 03 j 08:22	17°♋20'01	18°06'23	
asc. node	-323 Aug 04 j 21:16	18°♋57'16		
	-323 Aug 12 j 09:07	0°♌		
morning set	-323 Aug 19 j 05:05	12°♌25'23		
	-323 Aug 28 j 18:20	0°♍		
superior conj	-323 Aug 29 j 02:18	0°♍35'37	1°31'19	
minimum elong	-323 Aug 29 j 06:14	0°♍53'08	1°30'59	
max. Earth dist.	-323 Sep 05 j 17:11	13°♍47'11	1.41567 AU	
evening rise	-323 Sep 11 j 05:57	22°♍52'40		
desc. node	-323 Sep 13 j 18:13	26°♍52'57		
	-323 Sep 15 j 17:53	0°♎		
	-323 Oct 06 j 12:23	0°♏		
greatest brilliancy	-323 Oct 09 j 17:52	4°♏03'32	-0.3m	
evening max el	-323 Oct 14 j 14:55	9°♏31'34	22°39'27	
retrograde	-323 Oct 24 j 10:59	15°♏22'23		
evening set	-323 Oct 29 j 01:49	13°♏30'44		
asc. node	-323 Oct 31 j 20:28	10°♏37'13		
inferior conj	-323 Nov 03 j 11:05	7°♏08'34	0°53'26	
minimum elong	-323 Nov 03 j 09:52	7°♏12'46	0°52'55	
min. Earth dist.	-323 Nov 03 j 07:27	7°♏21'09	0.67649 AU	
morning rise	-323 Nov 08 j 17:51	0°♏55'02		
	-323 Nov 10 j 01:40	30°℞♎		
direct	-323 Nov 13 j 04:42	29°♎07'43		
	-323 Nov 16 j 13:32	0°♏		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning max el	-323 Nov 22 j 09:32	4°♏33'38	22°00'15	
greatest brilliancy	-323 Nov 27 j 03:33	9°♏55'32	-0.4m	
desc. node	-323 Dec 10 j 17:28	28°♏34'15		
	-323 Dec 11 j 16:44	0°♐		
morning set	-323 Dec 25 j 00:39	20°♐33'05		
	-323 Dec 30 j 19:15	0°♑		
max. Earth dist.	-323 Dec 31 j 01:12	0°♑24'51	1.41255 AU	
superior conj	-322 Jan 07 j 18:36	13°♑41'36	-2°-1'-24	
minimum elong	-322 Jan 07 j 18:49	13°♑42'32	2°01'25	
	-322 Jan 16 j 17:56	0°♒		
evening rise	-322 Jan 18 j 07:15	2°♒53'09		
asc. node	-322 Jan 27 j 19:46	19°♒50'45		
evening max el	-322 Feb 03 j 14:19	28°♒51'19	18°14'02	
	-322 Feb 04 j 20:55	0°♓		
retrograde	-322 Feb 10 j 14:18	2°♓21'48		
evening set	-322 Feb 13 j 03:13	1°♓54'57		
	-322 Feb 16 j 15:36	30°℞♒		
inferior conj	-322 Feb 20 j 03:13	27°♒08'30	3°36'56	
minimum elong	-322 Feb 20 j 05:38	27°♒03'09	3°36'38	
min. Earth dist.	-322 Feb 23 j 11:50	24°♒11'21	0.59959 AU	
morning rise	-322 Feb 27 j 04:42	21°♒28'38		
direct	-322 Mar 05 j 18:42	19°♒28'09		
desc. node	-322 Mar 08 j 16:36	19°♒50'40		
morning max el	-322 Mar 20 j 01:23	27°♒14'20	27°22'32	
	-322 Mar 22 j 16:55	0°♓		
	-322 Apr 12 j 00:47	0°♈		
morning set	-322 Apr 20 j 08:09	16°♈12'02		
asc. node	-322 Apr 25 j 19:05	27°♈51'05		
	-322 Apr 26 j 18:40	0°♉		
max. Earth dist.	-322 Apr 26 j 21:43	0°♉16'44	1.32357 AU	
superior conj	-322 Apr 27 j 12:39	1°♉38'33	0°18'15	
minimum elong	-322 Apr 27 j 11:50	1°♉34'05	0°18'05	
evening rise	-322 May 04 j 11:14	16°♉41'28		
	-322 May 11 j 02:36	0°♊		
	-322 May 31 j 16:49	0°♋		
evening max el	-322 Jun 01 j 07:15	0°♋35'03	25°48'02	
desc. node	-322 Jun 04 j 15:51	3°♋28'50		
retrograde	-322 Jun 15 j 08:42	7°♋47'30		
evening set	-322 Jun 21 j 08:32	6°♋21'25		
min. Earth dist.	-322 Jun 25 j 19:43	3°♋41'22	0.58592 AU	
inferior conj	-322 Jun 29 j 02:38	1°♋17'46	-4°-42'-58	
minimum elong	-322 Jun 29 j 02:09	1°♋18'39	4°42'57	
	-322 Jun 30 j 22:04	30°℞♊		
morning rise	-322 Jul 06 j 23:31	26°♊54'29		
direct	-322 Jul 09 j 11:13	26°♊34'22		
	-322 Jul 17 j 03:35	0°♋		
morning max el	-322 Jul 17 j 15:08	0°♋26'31	18°39'18	
asc. node	-322 Jul 22 j 18:19	6°♋38'43		
morning set	-322 Aug 02 j 21:40	26°♋21'06		
	-322 Aug 04 j 18:41	0°♌		
superior conj	-322 Aug 11 j 17:20	13°♌20'30	1°44'19	
minimum elong	-322 Aug 11 j 19:05	13°♌28'44	1°44'14	
max. Earth dist.	-322 Aug 18 j 21:13	26°♌22'41	1.39593 AU	
	-322 Aug 20 j 23:09	0°♍		
evening rise	-322 Aug 23 j 01:13	3°♍33'34		
desc. node	-322 Aug 31 j 15:14	17°♍29'21		
	-322 Sep 08 j 23:10	0°♎		
evening max el	-322 Sep 27 j 04:06	23°♎04'06	23°59'44	
retrograde	-322 Oct 08 j 02:46	29°♎30'22		
evening set	-322 Oct 13 j 07:39	27°♎20'40		
min. Earth dist.	-322 Oct 18 j 03:50	21°♎44'07	0.67522 AU	
inferior conj	-322 Oct 18 j 17:47	20°♎56'51	0°00'13	
minimum elong	-322 Oct 18 j 17:46	20°♎56'53	0°00'13	
transit middle	-322 Oct 18 j 17:46	20°♎56'53	0°00'13	
transit begin	-322 Oct 18 j 15:03	21°♎06'07		
transit end	-322 Oct 18 j 20:29	20°♎47'39		
asc. node	-322 Oct 18 j 17:32	20°♎57'42		
morning rise	-322 Oct 24 j 04:05	14°♎47'57		
direct	-322 Oct 28 j 01:21	13°♎22'11		
morning max el	-322 Nov 05 j 04:32	18°♎05'48	20°41'55	
greatest brilliancy	-322 Nov 11 j 04:36	25°♎10'46	-0.5m	
	-322 Nov 14 j 18:08	0°♏		
desc. node	-322 Nov 27 j 14:32	18°♏51'48		
morning set	-322 Dec 04 j 02:44	28°♏51'50		
	-322 Dec 04 j 20:15	0°♐		
max. Earth dist.	-322 Dec 13 j 06:34	13°♐23'00	1.43072 AU	
superior conj	-322 Dec 19 j 20:55	24°♐14'39	-1°-54'-37	
minimum elong	-322 Dec 19 j 16:31	23°♐56'15	1°54'25	
	-322 Dec 23 j 06:34	0°♑		
evening rise	-322 Dec 31 j 23:29	15°♑10'44		
	-321 Jan 09 j 11:42	0°♒		
asc. node	-321 Jan 14 j 16:49	7°♒58'26		
evening max el	-321 Jan 18 j 01:54	11°♒58'49	18°08'02	
retrograde	-321 Jan 24 j 15:17	15°♒23'52		
evening set	-321 Jan 27 j 08:29	14°♒48'09		
inferior conj	-321 Feb 02 j 19:40	9°♒40'18	3°51'13	
minimum elong	-321 Feb 02 j 19:48	9°♒39'58	3°51'13	
min. Earth dist.	-321 Feb 05 j 17:52	6°♒43'34	0.62032 AU	
morning rise	-321 Feb 09 j 04:48	3°♒45'51		
direct	-321 Feb 16 j 04:07	1°♒14'34		
desc. node	-321 Feb 23 j 13:40	3°♒40'29		
morning max el	-321 Mar 02 j 05:10	9°♒05'38	27°46'35	
	-321 Mar 18 j 09:21	0°♓		
morning set	-321 Apr 04 j 11:56	0°♈41'34		
	-321 Apr 04 j 03:45	0°♈		
max. Earth dist.	-321 Apr 10 j 07:48	12°♈56'44	1.32636 AU	
superior conj	-321 Apr 11 j 22:49	16°♈28'03	0°-7'-37	
minimum elong	-321 Apr 11 j 23:11	16°♈30'00	0°07'34	
behind sun begin	-321 Apr 11 j 18:38	16°♈05'19		
behind sun end	-321 Apr 12 j 03:43	16°♈54'42		
asc. node	-321 Apr 12 j 16:07	18°♈02'10		
	-321 Apr 18 j 04:40	0°♉		
evening rise	-321 Apr 18 j 22:50	1°♉36'26		
	-321 May 04 j 13:53	0°♊		
evening max el	-321 May 13 j 23:06	11°♊25'26	24°22'11	
desc. node	-321 May 22 j 12:53	17°♊21'09		
retrograde	-321 May 27 j 20:43	18°♊25'52		
evening set	-321 Jun 01 j 12:34	17°♊37'19		
min. Earth dist.	-321 Jun 07 j 10:31	14°♊39'54	0.56747 AU	
inferior conj	-321 Jun 10 j 03:00	12°♊57'42	-4°-18'-50	
minimum elong	-321 Jun 09 j 21:54	13°♊05'50	4°18'04	
morning rise	-321 Jun 18 j 11:00	8°♊53'56		
direct	-321 Jun 21 j 01:24	8°♊35'37		
morning max el	-321 Jun 30 j 13:05	12°♊59'57	19°33'07	
asc. node	-321 Jul 09 j 15:23	25°♊06'31		
	-321 Jul 12 j 09:51	0°♋		
morning set	-321 Jul 17 j 22:34	10°♋42'40		
superior conj	-321 Jul 26 j 00:25	26°♋54'07	1°47'14	
minimum elong	-321 Jul 26 j 00:10	26°♋52'55	1°47'14	
	-321 Jul 27 j 14:25	0°♌		
max. Earth dist.	-321 Aug 01 j 00:30	8°♌24'09	1.37607 AU	
evening rise	-321 Aug 04 j 20:57	15°♌24'25		
	-321 Aug 13 j 11:31	0°♍		
desc. node	-321 Aug 18 j 12:15	7°♍53'50		
	-321 Sep 03 j 13:59	0°♎		
evening max el	-321 Sep 09 j 15:46	6°♎40'11	25°16'07	
retrograde	-321 Sep 21 j 14:12	13°♎33'40		
evening set	-321 Sep 27 j 09:56	11°♎07'04		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	-321 Oct 01 j 21:41	6°♎05'58	0.67078 AU	
inferior conj	-321 Oct 02 j 22:19	4°♎45'43	0°-55'-9	
minimum elong	-321 Oct 02 j 23:42	4°♎41'14	0°54'34	
asc. node	-321 Oct 05 j 14:35	1°♎26'44		
	-321 Oct 07 j 00:09	30°℞♍		
morning rise	-321 Oct 08 j 14:01	28°♍44'29		
direct	-321 Oct 11 j 23:37	27°♍37'37		
	-321 Oct 17 j 08:20	0°♎		
morning max el	-321 Oct 19 j 07:10	1°♎47'39	19°36'14	
greatest brilliancy	-321 Oct 27 j 18:36	12°♎31'17	-0.6m	
	-321 Nov 08 j 10:02	0°♏		
morning set	-321 Nov 13 j 00:51	7°♏07'48		
desc. node	-321 Nov 14 j 11:34	9°♏22'22		
max. Earth dist.	-321 Nov 25 j 19:34	27°♏08'06	1.44368 AU	
	-321 Nov 27 j 14:49	0°♐		
superior conj	-321 Nov 29 j 20:18	3°♐33'54	-1°-30'-3	
minimum elong	-321 Nov 29 j 12:14	3°♐01'34	1°29'18	
evening rise	-321 Dec 13 j 20:08	26°♐35'15		
	-321 Dec 15 j 20:46	0°♑		
evening max el	-320 Jan 01 j 14:26	25°♑17'49	18°21'00	
asc. node	-320 Jan 01 j 13:51	25°♑16'19		
retrograde	-320 Jan 08 j 02:39	28°♑50'08		
evening set	-320 Jan 11 j 00:24	28°♑04'35		
inferior conj	-320 Jan 17 j 01:56	22°♑36'39	3°44'31	
minimum elong	-320 Jan 17 j 00:19	22°♑41'13	3°44'22	
min. Earth dist.	-320 Jan 19 j 09:18	20°♑00'29	0.63873 AU	
morning rise	-320 Jan 22 j 22:43	16°♑32'47		
direct	-320 Jan 29 j 21:14	13°♑44'44		
desc. node	-320 Feb 10 j 10:44	19°♑34'33		
morning max el	-320 Feb 12 j 13:17	21°♑34'14	27°34'09	
	-320 Feb 19 j 22:26	0°♒		
	-320 Mar 10 j 12:04	0°♓		
morning set	-320 Mar 18 j 08:33	14°♓46'08		
max. Earth dist.	-320 Mar 23 j 11:22	25°♓12'35	1.33315 AU	
	-320 Mar 25 j 17:47	0°♈		
superior conj	-320 Mar 26 j 05:42	1°♈03'33	0°-34'-19	
minimum elong	-320 Mar 26 j 07:21	1°♈12'19	0°34'00	
asc. node	-320 Mar 29 j 13:10	8°♈09'55		
evening rise	-320 Apr 02 j 10:26	16°♈27'11		
	-320 Apr 09 j 05:23	0°♉		
evening max el	-320 Apr 24 j 14:29	22°♉00'54	22°47'02	
retrograde	-320 May 07 j 19:59	28°♉33'48		
desc. node	-320 May 08 j 09:54	28°♉33'03		
evening set	-320 May 11 j 02:33	28°♉10'20		
min. Earth dist.	-320 May 18 j 23:12	24°♉43'12	0.55455 AU	
inferior conj	-320 May 20 j 08:35	23°♉55'22	-3°-10'-15	
minimum elong	-320 May 20 j 01:26	24°♉05'38	3°08'19	
morning rise	-320 May 29 j 03:01	20°♉01'44		
direct	-320 May 31 j 21:44	19°♉43'41		
morning max el	-320 Jun 12 j 00:17	24°♉53'09	20°47'25	
	-320 Jun 16 j 14:58	0°♊		
asc. node	-320 Jun 25 j 12:26	14°♊09'49		
morning set	-320 Jul 01 j 05:08	25°♊23'11		
	-320 Jul 03 j 10:44	0°♋		
superior conj	-320 Jul 08 j 18:58	11°♋03'44	1°42'13	
minimum elong	-320 Jul 08 j 17:20	10°♋55'22	1°42'08	
max. Earth dist.	-320 Jul 13 j 08:43	20°♋14'31	1.35830 AU	
evening rise	-320 Jul 17 j 13:11	28°♋15'45		
	-320 Jul 18 j 11:38	0°♌		
desc. node	-320 Aug 04 j 09:16	28°♌00'37		
	-320 Aug 05 j 17:58	0°♍		
evening max el	-320 Aug 22 j 03:24	20°♍16'20	26°20'45	
retrograde	-320 Sep 03 j 20:41	27°♍27'11		
evening set	-320 Sep 10 j 06:45	24°♍47'34		
min. Earth dist.	-320 Sep 14 j 10:35	20°♍23'51	0.66297 AU	
inferior conj	-320 Sep 15 j 22:53	18°♍32'35	-1°-51'-2	
minimum elong	-320 Sep 16 j 01:41	18°♍23'59	1°49'56	
asc. node	-320 Sep 21 j 11:37	12°♍57'15		
morning rise	-320 Sep 21 j 21:38	12°♍42'08		
direct	-320 Sep 24 j 21:45	11°♍50'46		
morning max el	-320 Oct 01 j 16:33	15°♍37'05	18°45'41	
	-320 Oct 12 j 08:00	0°♎		
morning set	-320 Oct 22 j 18:16	16°♎26'09		
desc. node	-320 Oct 31 j 08:35	0°♏01'49		
	-320 Oct 31 j 08:08	0°♏		
superior conj	-320 Nov 07 j 23:40	12°♏01'48	0°-48'-33	
minimum elong	-320 Nov 07 j 17:30	11°♏37'34	0°47'47	
max. Earth dist.	-320 Nov 07 j 13:14	11°♏20'49	1.44981 AU	
	-320 Nov 19 j 08:17	0°♐		
evening rise	-320 Nov 23 j 17:38	7°♐01'22		
	-320 Dec 08 j 07:04	0°♑		
evening max el	-320 Dec 15 j 01:21	8°♑42'43	18°51'57	
asc. node	-320 Dec 18 j 10:53	11°♑30'38		
retrograde	-320 Dec 21 j 20:25	12°♑33'02		
evening set	-320 Dec 24 j 23:47	11°♑36'24		
inferior conj	-320 Dec 30 j 18:19	5°♑50'52	3°22'47	
minimum elong	-320 Dec 30 j 15:45	5°♑58'48	3°22'17	
min. Earth dist.	-319 Jan 01 j 10:24	3°♑47'20	0.65363 AU	
	-319 Jan 04 j 22:03	30°℞♐		
morning rise	-319 Jan 05 j 06:43	29°♐40'39		
direct	-319 Jan 11 j 20:59	26°♐50'27		
	-319 Jan 19 j 19:28	0°♑		
morning max el	-319 Jan 24 j 23:03	4°♑29'25	26°49'26	
desc. node	-319 Jan 27 j 07:46	6°♑58'31		
	-319 Feb 13 j 10:09	0°♒		
morning set	-319 Mar 01 j 18:37	28°♒14'35		
	-319 Mar 02 j 16:35	0°♓		
max. Earth dist.	-319 Mar 06 j 04:46	6°♓54'31	1.34434 AU	
superior conj	-319 Mar 10 j 07:08	15°♓17'30	-1°00'-42	
minimum elong	-319 Mar 10 j 09:59	15°♓32'20	1°00'12	
asc. node	-319 Mar 16 j 10:11	28°♓09'20		
	-319 Mar 17 j 07:22	0°♈		
evening rise	-319 Mar 17 j 20:07	1°♈06'21		
	-319 Apr 03 j 20:23	0°♉		
evening max el	-319 Apr 06 j 12:11	2°♉49'46	21°16'40	
retrograde	-319 Apr 18 j 10:21	8°♉37'08		
evening set	-319 Apr 20 j 19:10	8°♉24'13		
desc. node	-319 Apr 25 j 06:56	6°♉57'03		
inferior conj	-319 Apr 30 j 03:23	4°♉24'41	-1°-22'-47	
minimum elong	-319 Apr 29 j 23:29	4°♉30'09	1°21'26	
min. Earth dist.	-319 Apr 30 j 12:06	4°♉12'24	0.55000 AU	
morning rise	-319 May 09 j 03:52	0°♉23'35		
direct	-319 May 12 j 08:08	0°♉01'40		
morning max el	-319 May 25 j 00:46	6°♉03'58	22°18'57	
	-319 Jun 10 j 12:36	0°♊		
asc. node	-319 Jun 12 j 09:28	3°♊38'52		
morning set	-319 Jun 15 j 15:12	10°♊15'23		
superior conj	-319 Jun 22 j 21:24	25°♊37'41	1°31'02	
minimum elong	-319 Jun 22 j 19:03	25°♊25'14	1°30'47	
	-319 Jun 24 j 23:28	0°♋		
max. Earth dist.	-319 Jun 26 j 01:37	2°♋15'17	1.34390 AU	
evening rise	-319 Jun 30 j 20:55	11°♋53'25		
	-319 Jul 10 j 19:50	0°♌		
desc. node	-319 Jul 22 j 06:16	17°♌41'22		
	-319 Aug 01 j 00:24	0°♍		
evening max el	-319 Aug 04 j 15:09	3°♍44'33	27°06'07	
retrograde	-319 Aug 17 j 22:00	11°♍03'38		
evening set	-319 Aug 24 j 19:42	8°♍18'23		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	-319 Aug 28 j 16:16	4°♍32'18	0.65151 AU
inferior conj	-319 Aug 30 j 17:20	2°♍13'31	-2°-45'-21
minimum elong	-319 Aug 30 j 21:22	2°♍02'05	2°43'59
	-319 Sep 01 j 18:04	30°℞♌	
morning rise	-319 Sep 06 j 00:36	26°♌37'03	
asc. node	-319 Sep 08 j 08:40	25°♌58'16	
direct	-319 Sep 08 j 17:37	25°♌57'31	
morning max el	-319 Sep 15 j 06:27	29°♌29'25	18°11'35
	-319 Sep 15 j 18:17	0°♍	
morning set	-319 Oct 03 j 16:09	27°♍08'47	
	-319 Oct 05 j 09:37	0°♎	
superior conj	-319 Oct 18 j 02:48	20°♎35'29	0°00'47
minimum elong	-319 Oct 18 j 02:53	20°♎35'49	0°00'46
behind sun begin	-319 Oct 17 j 15:58	19°♎52'28	
behind sun end	-319 Oct 18 j 13:47	21°♎19'07	
desc. node	-319 Oct 18 j 05:38	20°♎46'48	
max. Earth dist.	-319 Oct 21 j 07:57	25°♎40'47	1.44853 AU
	-319 Oct 24 j 01:51	0°♏	
evening rise	-319 Nov 03 j 16:06	16°♏31'43	
	-319 Nov 12 j 09:02	0°♐	
greatest brilliancy	-319 Nov 20 j 07:44	11°♐54'32	-0.7m
evening max el	-319 Nov 28 j 08:33	22°♐10'22	19°39'30
asc. node	-319 Dec 05 j 07:55	26°♐26'33	
retrograde	-319 Dec 05 j 17:24	26°♐27'26	
evening set	-319 Dec 09 j 04:02	25°♐18'00	
inferior conj	-319 Dec 14 j 17:48	19°♐17'56	2°50'09
minimum elong	-319 Dec 14 j 14:58	19°♐27'13	2°49'21
min. Earth dist.	-319 Dec 15 j 19:52	17°♐52'22	0.66465 AU
morning rise	-319 Dec 20 j 01:12	13°♐03'50	
direct	-319 Dec 26 j 02:48	10°♐23'23	
morning max el	-318 Jan 07 j 08:18	17°♐38'54	25°40'29
desc. node	-318 Jan 14 j 04:49	25°♐26'19	
	-318 Jan 17 j 17:34	0°♑	
	-318 Feb 06 j 09:35	0°♒	
morning set	-318 Feb 12 j 13:45	10°♒54'10	
max. Earth dist.	-318 Feb 16 j 10:12	18°♒05'22	1.36004 AU
superior conj	-318 Feb 22 j 00:34	29°♒02'49	-1°-25'-11
minimum elong	-318 Feb 22 j 04:16	29°♒21'18	1°24'41
	-318 Feb 22 j 11:58	0°♓	
evening rise	-318 Mar 02 j 01:55	15°♓27'52	
asc. node	-318 Mar 03 j 07:14	17°♓56'06	
	-318 Mar 09 j 15:03	0°♈	
evening max el	-318 Mar 19 j 20:44	14°♈13'01	20°00'42
retrograde	-318 Mar 30 j 02:03	19°♈07'02	
evening set	-318 Apr 01 j 04:52	18°♈55'21	
inferior conj	-318 Apr 10 j 01:34	14°♈55'32	0°35'41
minimum elong	-318 Apr 10 j 03:09	14°♈53'09	0°35'08
min. Earth dist.	-318 Apr 12 j 02:14	13°♈41'57	0.55508 AU
desc. node	-318 Apr 12 j 03:58	13°♈39'22	
morning rise	-318 Apr 18 j 22:30	10°♈28'31	
direct	-318 Apr 22 j 22:47	9°♈53'07	
morning max el	-318 May 06 j 17:37	16°♈43'07	23°59'26
	-318 May 17 j 10:03	0°♉	
asc. node	-318 May 30 j 06:31	23°♉26'36	
morning set	-318 May 31 j 02:59	25°♉13'35	
	-318 Jun 02 j 08:53	0°♊	
superior conj	-318 Jun 07 j 05:00	10°♊27'16	1°15'01
minimum elong	-318 Jun 07 j 02:31	10°♊13'49	1°14'39
max. Earth dist.	-318 Jun 09 j 03:45	14°♊38'12	1.33339 AU
evening rise	-318 Jun 14 j 15:53	26°♊05'08	
	-318 Jun 16 j 15:10	0°♋	
	-318 Jul 04 j 05:24	0°♌	
desc. node	-318 Jul 09 j 03:17	6°♌45'00	
evening max el	-318 Jul 18 j 01:50	16°♌53'51	27°25'14
retrograde	-318 Jul 31 j 17:30	24°♌14'03	
evening set	-318 Aug 07 j 21:42	21°♌34'28	
min. Earth dist.	-318 Aug 11 j 12:54	18°♌22'22	0.63641 AU
inferior conj	-318 Aug 14 j 03:08	15°♌43'08	-3°-35'-11
minimum elong	-318 Aug 14 j 07:50	15°♌31'06	3°33'56
morning rise	-318 Aug 20 j 20:06	10°♌23'45	
direct	-318 Aug 23 j 08:33	9°♌52'40	
asc. node	-318 Aug 26 j 05:44	10°♌33'53	
morning max el	-318 Aug 29 j 22:08	13°♌18'24	17°54'53
	-318 Sep 10 j 09:35	0°♍	
morning set	-318 Sep 15 j 15:58	9°♍05'55	
	-318 Sep 27 j 23:22	0°♎	
superior conj	-318 Sep 28 j 01:38	0°♎09'20	0°45'32
minimum elong	-318 Sep 28 j 06:05	0°♎27'39	0°44'57
max. Earth dist.	-318 Oct 04 j 00:32	9°♎49'13	1.44022 AU
desc. node	-318 Oct 05 j 02:37	11°♎33'21	
evening rise	-318 Oct 13 j 23:54	25°♎28'13	
	-318 Oct 16 j 22:42	0°♏	
greatest brilliancy	-318 Nov 05 j 14:15	28°♏40'36	-0.5m
	-318 Nov 06 j 14:43	0°♐	
evening max el	-318 Nov 11 j 10:28	5°♐38'18	20°41'28
retrograde	-318 Nov 19 j 15:00	10°♐28'51	
asc. node	-318 Nov 22 j 04:59	9°♐50'54	
evening set	-318 Nov 23 j 10:59	9°♐04'32	
inferior conj	-318 Nov 28 j 21:48	2°♐53'14	2°09'22
minimum elong	-318 Nov 28 j 19:16	3°♐01'50	2°08'29
min. Earth dist.	-318 Nov 29 j 11:26	2°♐06'45	0.67197 AU
	-318 Dec 01 j 01:36	30°℞♏	
morning rise	-318 Dec 04 j 03:05	26°♏37'34	
direct	-318 Dec 09 j 13:51	24°♏15'00	
	-318 Dec 19 j 19:09	0°♐	
morning max el	-318 Dec 20 j 16:37	0°♐52'58	24°17'04
desc. node	-317 Jan 01 j 01:52	14°♐38'38	
	-317 Jan 11 j 17:05	0°♑	
morning set	-317 Jan 25 j 12:02	22°♑27'38	
max. Earth dist.	-317 Jan 29 j 06:34	29°♑08'00	1.37950 AU
	-317 Jan 29 j 18:06	0°♒	
superior conj	-317 Feb 05 j 06:34	12°♒09'37	-1°-45'-33
minimum elong	-317 Feb 05 j 10:13	12°♒27'08	1°45'14
evening rise	-317 Feb 14 j 01:23	29°♒24'22	
	-317 Feb 14 j 08:37	0°♓	
asc. node	-317 Feb 18 j 04:17	7°♓24'28	
evening max el	-317 Mar 02 j 16:16	26°♓14'25	19°03'32
	-317 Mar 08 j 15:13	0°♈	
retrograde	-317 Mar 11 j 07:02	0°♈23'16	
evening set	-317 Mar 13 j 12:50	0°♈07'37	
	-317 Mar 14 j 00:54	30°℞♓	
inferior conj	-317 Mar 21 j 15:33	25°♓53'54	2°13'25
minimum elong	-317 Mar 21 j 19:53	25°♓46'22	2°12'10
min. Earth dist.	-317 Mar 24 j 17:56	23°♓45'36	0.56860 AU
morning rise	-317 Mar 29 j 22:47	20°♓54'23	
desc. node	-317 Mar 30 j 01:00	20°♓52'12	
direct	-317 Apr 04 j 02:10	19°♓52'03	
morning max el	-317 Apr 18 j 08:18	27°♓13'49	25°35'42
	-317 Apr 21 j 00:39	0°♈	
	-317 May 10 j 13:59	0°♉	
morning set	-317 May 15 j 14:50	10°♉12'16	
asc. node	-317 May 17 j 03:35	13°♉27'16	
superior conj	-317 May 22 j 15:37	25°♉25'15	0°55'13
minimum elong	-317 May 22 j 13:29	25°♉13'33	0°54'49
max. Earth dist.	-317 May 23 j 12:55	27°♉21'33	1.32671 AU
	-317 May 24 j 18:03	0°♊	
evening rise	-317 May 29 j 18:42	10°♊40'15	
	-317 Jun 08 j 21:36	0°♋	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-317 Jun 26 j 00:17	24°♋56'09		
evening max el	-317 Jun 30 j 09:17	29°♋32'05	27°12'58	
	-317 Jun 30 j 21:11	0°♌		
retrograde	-317 Jul 14 j 06:21	6°♌49'37		
evening set	-317 Jul 21 j 08:53	4°♌29'18		
min. Earth dist.	-317 Jul 24 j 23:22	1°♌42'11	0.61809 AU	
	-317 Jul 26 j 20:47	30°℞♋		
inferior conj	-317 Jul 28 j 01:16	28°♋54'41	-4°-15'-56	
minimum elong	-317 Jul 28 j 05:27	28°♋45'09	4°15'13	
morning rise	-317 Aug 04 j 04:44	23°♋55'29		
direct	-317 Aug 06 j 15:17	23°♋30'00		
asc. node	-317 Aug 13 j 02:48	26°♋34'11		
morning max el	-317 Aug 13 j 12:45	26°♋57'50	17°56'35	
	-317 Aug 16 j 05:08	0°♌		
morning set	-317 Aug 29 j 11:49	22°♌01'14		
	-317 Sep 02 j 21:28	0°♍		
superior conj	-317 Sep 09 j 04:01	11°♍05'03	1°18'23	
minimum elong	-317 Sep 09 j 08:50	11°♍25'57	1°17'53	
max. Earth dist.	-317 Sep 16 j 13:08	23°♍32'06	1.42598 AU	
	-317 Sep 20 j 12:45	0°♎		
desc. node	-317 Sep 21 j 23:39	2°♎19'10		
evening rise	-317 Sep 23 j 10:28	4°♎36'46		
	-317 Oct 10 j 08:04	0°♏		
greatest brilliancy	-317 Oct 20 j 12:03	13°♏41'50	-0.4m	
evening max el	-317 Oct 25 j 06:42	19°♏07'20	21°54'22	
retrograde	-317 Nov 03 j 11:22	24°♏35'19		
evening set	-317 Nov 07 j 18:51	22°♏54'03		
asc. node	-317 Nov 09 j 02:02	21°♏43'17		
inferior conj	-317 Nov 13 j 04:17	16°♏34'58	1°22'31	
minimum elong	-317 Nov 13 j 02:29	16°♏41'11	1°21'48	
min. Earth dist.	-317 Nov 13 j 06:44	16°♏26'30	0.67584 AU	
morning rise	-317 Nov 18 j 09:54	10°♏20'06		
direct	-317 Nov 23 j 05:22	8°♏19'33		
morning max el	-317 Dec 03 j 02:28	14°♏11'25	22°49'14	
greatest brilliancy	-317 Dec 07 j 18:55	19°♏25'56	-0.3m	
	-317 Dec 15 j 20:26	0°♐		
desc. node	-317 Dec 18 j 22:55	4°♐22'58		
	-316 Jan 04 j 16:21	0°♑		
morning set	-316 Jan 06 j 07:19	2°♑39'40		
max. Earth dist.	-316 Jan 11 j 02:09	10°♑42'11	1.40073 AU	
superior conj	-316 Jan 18 j 20:40	24°♑26'39	-1°-58'-41	
minimum elong	-316 Jan 18 j 22:44	24°♑36'04	1°58'38	
	-316 Jan 21 j 21:00	0°♒		
evening rise	-316 Jan 28 j 15:39	12°♒48'49		
asc. node	-316 Feb 05 j 01:20	26°♒28'07		
	-316 Feb 07 j 04:04	0°♓		
evening max el	-316 Feb 13 j 20:23	8°♓48'03	18°26'21	
retrograde	-316 Feb 21 j 07:01	12°♓27'53		
evening set	-316 Feb 23 j 17:34	12°♓05'26		
inferior conj	-316 Mar 02 j 02:27	7°♓31'11	3°16'10	
minimum elong	-316 Mar 02 j 06:04	7°♓23'48	3°15'30	
min. Earth dist.	-316 Mar 05 j 12:49	4°♓45'19	0.58759 AU	
morning rise	-316 Mar 09 j 14:49	2°♓03'43		
direct	-316 Mar 15 j 18:39	0°♓25'01		
desc. node	-316 Mar 15 j 22:04	0°♓25'05		
morning max el	-316 Mar 30 j 02:33	8°♓04'08	26°52'24	
	-316 Apr 15 j 15:31	0°♈		
morning set	-316 Apr 29 j 01:03	25°♈05'03		
	-316 May 01 j 08:43	0°♉		
asc. node	-316 May 03 j 00:37	3°♉35'27		
superior conj	-316 May 06 j 03:22	10°♉24'32	0°32'26	
minimum elong	-316 May 06 j 01:59	10°♉16'54	0°32'08	
max. Earth dist.	-316 May 06 j 01:36	10°♉14'51	1.32370 AU	
evening rise	-316 May 13 j 02:36	25°♉29'01		
	-316 May 15 j 07:03	0°♊		
	-316 Jun 01 j 17:47	0°♋		
evening max el	-316 Jun 11 j 10:46	11°♋27'00	26°27'37	
desc. node	-316 Jun 11 j 21:20	11°♋51'52		
retrograde	-316 Jun 25 j 10:56	18°♋41'14		
evening set	-316 Jul 02 j 00:33	16°♋52'52		
min. Earth dist.	-316 Jul 05 j 23:53	14°♋15'45	0.59778 AU	
inferior conj	-316 Jul 09 j 08:03	11°♋37'32	-4°-40'-22	
minimum elong	-316 Jul 09 j 09:52	11°♋33'56	4°40'16	
morning rise	-316 Jul 16 j 22:30	7°♋01'02		
direct	-316 Jul 19 j 09:27	6°♋39'13		
morning max el	-316 Jul 26 j 23:14	10°♋18'45	18°17'49	
asc. node	-316 Jul 29 j 23:51	13°♋42'51		
	-316 Aug 08 j 22:16	0°♌		
morning set	-316 Aug 11 j 22:04	5°♌38'19		
superior conj	-316 Aug 21 j 07:17	23°♌14'41	1°38'13	
minimum elong	-316 Aug 21 j 10:19	23°♌28'32	1°37'59	
	-316 Aug 25 j 01:31	0°♍		
max. Earth dist.	-316 Aug 28 j 20:30	6°♍35'36	1.40754 AU	
evening rise	-316 Sep 02 j 15:34	14°♍37'31		
desc. node	-316 Sep 07 j 20:41	23°♍00'04		
	-316 Sep 12 j 09:22	0°♎		
greatest brilliancy	-316 Sep 30 j 16:57	25°♎35'55	-0.2m	
	-316 Oct 04 j 10:28	0°♏		
evening max el	-316 Oct 06 j 21:54	2°♏37'50	23°13'34	
retrograde	-316 Oct 17 j 05:07	8°♏43'45		
evening set	-316 Oct 22 j 01:54	6°♏44'14		
asc. node	-316 Oct 25 j 23:05	2°♏24'26		
inferior conj	-316 Oct 27 j 11:23	0°♏21'02	0°31'12	
minimum elong	-316 Oct 27 j 10:39	0°♏23'32	0°30'54	
min. Earth dist.	-316 Oct 27 j 03:19	0°♏48'43	0.67641 AU	
	-316 Oct 27 j 17:31	30°℞♎		
morning rise	-316 Nov 01 j 19:27	24°♎09'24		
direct	-316 Nov 06 j 00:21	22°♎31'31		
morning max el	-316 Nov 14 j 17:30	27°♎37'59	21°25'37	
	-316 Nov 16 j 22:17	0°♏		
greatest brilliancy	-316 Nov 19 j 20:45	3°♏31'11	-0.4m	
desc. node	-316 Dec 04 j 19:59	24°♏30'15		
	-316 Dec 08 j 11:32	0°♐		
morning set	-316 Dec 15 j 21:52	11°♐30'41		
max. Earth dist.	-316 Dec 23 j 03:40	23°♐10'53	1.42079 AU	
	-316 Dec 27 j 05:46	0°♑		
superior conj	-316 Dec 30 j 13:30	5°♑40'37	-2°00'-30	
minimum elong	-316 Dec 30 j 11:54	5°♑33'43	2°00'30	
evening rise	-315 Jan 10 j 17:07	25°♑33'23		
	-315 Jan 13 j 03:47	0°♒		
asc. node	-315 Jan 21 j 22:23	14°♒59'02		
evening max el	-315 Jan 27 j 06:04	21°♒45'17	18°09'07	
retrograde	-315 Feb 03 j 00:19	25°♒12'01		
evening set	-315 Feb 05 j 15:05	24°♒41'29		
inferior conj	-315 Feb 12 j 09:09	19°♒45'30	3°46'01	
minimum elong	-315 Feb 12 j 10:34	19°♒42'09	3°45'56	
min. Earth dist.	-315 Feb 15 j 14:02	16°♒45'54	0.60848 AU	
morning rise	-315 Feb 19 j 03:13	13°♒58'32		
direct	-315 Feb 25 j 22:20	11°♒43'57		
desc. node	-315 Mar 02 j 19:07	12°♒47'03		
morning max el	-315 Mar 12 j 03:11	19°♒32'39	27°37'31	
	-315 Mar 21 j 01:13	0°♓		
	-315 Apr 08 j 10:07	0°♈		
morning set	-315 Apr 13 j 07:49	9°♈45'34		
max. Earth dist.	-315 Apr 19 j 13:53	23°♈04'28	1.32430 AU	
asc. node	-315 Apr 19 j 21:40	23°♈46'55		
superior conj	-315 Apr 20 j 14:36	25°♈19'25	0°07'28	
minimum elong	-315 Apr 20 j 14:15	25°♈17'32	0°07'24	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

behind sun begin	-315 Apr 20 j 09:45	24°♈52'56	
behind sun end	-315 Apr 20 j 18:45	25°♈42'09	
	-315 Apr 22 j 17:51	0°♉	
evening rise	-315 Apr 27 j 13:25	10°♉23'47	
	-315 May 07 j 15:44	0°♊	
evening max el	-315 May 24 j 05:15	22°♊36'45	25°13'33
desc. node	-315 May 29 j 18:20	27°♊01'43	
retrograde	-315 Jun 07 j 05:45	29°♊45'33	
evening set	-315 Jun 12 j 17:19	28°♊35'52	
min. Earth dist.	-315 Jun 17 j 16:59	25°♊50'26	0.57770 AU
inferior conj	-315 Jun 20 j 20:02	23°♊42'06	-4°-37'-40
minimum elong	-315 Jun 20 j 17:34	23°♊46'21	4°37'31
morning rise	-315 Jun 28 j 21:42	19°♊28'07	
direct	-315 Jul 01 j 10:33	19°♊08'50	
morning max el	-315 Jul 10 j 02:35	23°♊12'22	18°59'36
	-315 Jul 15 j 17:03	0°♋	
asc. node	-315 Jul 16 j 20:54	1°♋45'20	
morning set	-315 Jul 26 j 18:31	19°♋45'53	
	-315 Jul 31 j 23:01	0°♌	
superior conj	-315 Aug 04 j 05:47	6°♌22'16	1°46'39
minimum elong	-315 Aug 04 j 06:38	6°♌26'20	1°46'37
max. Earth dist.	-315 Aug 10 j 23:38	18°♌54'43	1.38739 AU
evening rise	-315 Aug 14 j 21:29	25°♌48'16	
	-315 Aug 17 j 08:32	0°♍	
desc. node	-315 Aug 25 j 17:42	13°♍31'50	
	-315 Sep 06 j 00:37	0°♎	
evening max el	-315 Sep 19 j 09:59	16°♎11'05	24°33'02
retrograde	-315 Sep 30 j 19:11	22°♎50'23	
evening set	-315 Oct 06 j 06:27	20°♎32'53	
min. Earth dist.	-315 Oct 10 j 22:51	15°♎11'19	0.67376 AU
inferior conj	-315 Oct 11 j 17:21	14°♎09'29	0°-23'-5
minimum elong	-315 Oct 11 j 17:55	14°♎07'35	0°22'52
asc. node	-315 Oct 12 j 20:07	12°♎40'59	
morning rise	-315 Oct 17 j 05:47	8°♎03'40	
direct	-315 Oct 20 j 21:44	6°♎46'33	
morning max el	-315 Oct 28 j 15:51	11°♎14'43	20°12'14
greatest brilliancy	-315 Nov 04 j 12:13	19°♎32'11	-0.6m
	-315 Nov 11 j 20:18	0°♏	
desc. node	-315 Nov 21 j 17:01	14°♏53'39	
morning set	-315 Nov 24 j 19:05	19°♏38'54	
	-315 Dec 01 j 10:11	0°♐	
max. Earth dist.	-315 Dec 05 j 12:28	6°♐30'36	1.43694 AU
superior conj	-315 Dec 11 j 04:12	15°♐40'51	-1°-46'-29
minimum elong	-315 Dec 10 j 21:51	15°♐14'45	1°46'03
	-315 Dec 19 j 17:13	0°♑	
evening rise	-315 Dec 24 j 01:33	7°♑29'12	
	-314 Jan 06 j 16:45	0°♒	
asc. node	-314 Jan 08 j 19:26	2°♒46'44	
evening max el	-314 Jan 10 j 18:17	4°♒57'36	18°11'16
retrograde	-314 Jan 17 j 06:19	8°♒24'46	
evening set	-314 Jan 20 j 01:14	7°♒45'08	
inferior conj	-314 Jan 26 j 07:57	2°♒28'28	3°50'34
minimum elong	-314 Jan 26 j 07:14	2°♒30'20	3°50'32
	-314 Jan 28 j 15:41	30°℞♑	
min. Earth dist.	-314 Jan 29 j 00:05	29°♑38'16	0.62843 AU
morning rise	-314 Feb 01 j 11:16	26°♑29'13	
direct	-314 Feb 08 j 11:09	23°♑48'53	
desc. node	-314 Feb 17 j 16:10	27°♑33'37	
	-314 Feb 20 j 14:46	0°♒	
morning max el	-314 Feb 22 j 09:18	1°♒41'06	27°45'44
	-314 Mar 15 j 06:12	0°♓	
morning set	-314 Mar 28 j 08:52	24°♓05'20	
	-314 Mar 31 j 06:06	0°♈	
max. Earth dist.	-314 Apr 02 j 21:37	5°♈35'01	1.32867 AU
superior conj	-314 Apr 04 j 23:33	10°♈03'05	0°-18'-54
minimum elong	-314 Apr 05 j 00:27	10°♈07'56	0°18'43
asc. node	-314 Apr 06 j 18:43	13°♈56'45	
evening rise	-314 Apr 12 j 01:11	25°♈16'58	
	-314 Apr 14 j 07:34	0°♉	
	-314 May 02 j 17:30	0°♊	
evening max el	-314 May 05 j 19:49	3°♊16'06	23°41'59
desc. node	-314 May 16 j 15:21	9°♊48'59	
retrograde	-314 May 19 j 12:49	10°♊08'05	
evening set	-314 May 23 j 13:43	9°♊32'07	
min. Earth dist.	-314 May 30 j 06:34	6°♊23'20	0.56107 AU
inferior conj	-314 Jun 01 j 11:51	5°♊02'52	-3°-55'-25
minimum elong	-314 Jun 01 j 05:19	5°♊12'46	3°54'05
morning rise	-314 Jun 10 j 00:33	1°♊05'14	
direct	-314 Jun 12 j 16:13	0°♊47'29	
morning max el	-314 Jun 22 j 20:12	5°♊29'40	20°02'19
asc. node	-314 Jul 03 j 17:57	20°♊29'12	
	-314 Jul 08 j 19:02	0°♋	
morning set	-314 Jul 10 j 22:06	4°♋15'59	
superior conj	-314 Jul 18 j 18:16	20°♋12'46	1°45'57
minimum elong	-314 Jul 18 j 17:21	20°♋08'11	1°45'56
	-314 Jul 23 j 18:09	0°♌	
max. Earth dist.	-314 Jul 24 j 03:50	0°♌46'12	1.36814 AU
evening rise	-314 Jul 28 j 02:31	8°♌06'27	
	-314 Aug 10 j 02:43	0°♍	
desc. node	-314 Aug 12 j 14:42	3°♍49'31	
evening max el	-314 Sep 01 j 21:22	29°♍47'32	25°45'28
	-314 Sep 02 j 02:30	0°♎	
retrograde	-314 Sep 14 j 04:49	6°♎50'30	
evening set	-314 Sep 20 j 06:42	4°♎17'39	
	-314 Sep 24 j 06:06	30°℞♍	
min. Earth dist.	-314 Sep 24 j 14:58	29°♍32'09	0.66784 AU
inferior conj	-314 Sep 25 j 20:28	27°♍58'13	-1°-18'-53
minimum elong	-314 Sep 25 j 22:27	27°♍51'53	1°18'05
asc. node	-314 Sep 29 j 17:09	23°♍31'03	
morning rise	-314 Oct 01 j 14:58	22°♍01'06	
direct	-314 Oct 04 j 20:08	21°♍01'26	
morning max el	-314 Oct 11 j 21:37	25°♍00'38	19°12'44
	-314 Oct 16 j 03:25	0°♎	
morning set	-314 Nov 03 j 23:12	28°♎15'33	
	-314 Nov 05 j 01:58	0°♏	
desc. node	-314 Nov 08 j 14:03	5°♏28'30	
max. Earth dist.	-314 Nov 18 j 03:22	20°♏28'08	1.44714 AU
superior conj	-314 Nov 20 j 17:31	24°♏33'54	-1°-14'-10
minimum elong	-314 Nov 20 j 09:26	24°♏01'53	1°13'18
	-314 Nov 24 j 03:27	0°♐	
evening rise	-314 Dec 05 j 12:43	18°♐29'16	
	-314 Dec 12 j 12:24	0°♑	
evening max el	-314 Dec 25 j 06:27	18°♑19'42	18°32'02
asc. node	-314 Dec 26 j 16:27	19°♑39'20	
retrograde	-314 Dec 31 j 20:45	21°♑58'28	
evening set	-313 Jan 03 j 20:39	21°♑08'31	
inferior conj	-313 Jan 09 j 18:56	15°♑33'04	3°36'51
minimum elong	-313 Jan 09 j 16:50	15°♑39'17	3°36'32
min. Earth dist.	-313 Jan 11 j 19:51	13°♑09'21	0.64556 AU
morning rise	-313 Jan 15 j 11:41	9°♑26'05	
direct	-313 Jan 22 j 07:31	6°♑35'01	
desc. node	-313 Feb 04 j 13:14	14°♑09'18	
morning max el	-313 Feb 04 j 18:21	14°♑22'01	27°18'32
	-313 Feb 17 j 12:22	0°♒	
	-313 Mar 07 j 21:26	0°♓	
morning set	-313 Mar 12 j 01:25	7°♓55'18	
max. Earth dist.	-313 Mar 16 j 20:54	17°♓34'49	1.33731 AU
superior conj	-313 Mar 20 j 04:22	24°♓29'43	0°-45'-39

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-313 Mar 20 j 06:33	24°♓41'14	0°45'14
	-313 Mar 22 j 18:33	0°♈	
asc. node	-313 Mar 24 j 15:45	4°♈00'58	
evening rise	-313 Mar 27 j 12:09	10°♈02'37	
	-313 Apr 06 j 23:42	0°♉	
evening max el	-313 Apr 17 j 13:10	13°♉53'37	22°07'23
retrograde	-313 Apr 30 j 07:23	20°♉08'46	
evening set	-313 May 03 j 02:25	19°♉51'30	
desc. node	-313 May 03 j 12:22	19°♉46'07	
inferior conj	-313 May 12 j 11:21	15°♉45'07	-2°-28'-16
minimum elong	-313 May 12 j 04:58	15°♉54'06	2°26'15
min. Earth dist.	-313 May 11 j 19:27	16°♉07'30	0.55142 AU
morning rise	-313 May 21 j 09:07	11°♉50'19	
direct	-313 May 24 j 06:51	11°♉31'21	
morning max el	-313 Jun 05 j 02:37	17°♉03'48	21°24'37
	-313 Jun 15 j 03:48	0°♊	
asc. node	-313 Jun 20 j 15:00	9°♊44'03	
morning set	-313 Jun 25 j 06:22	19°♊01'39	
	-313 Jun 30 j 12:09	0°♋	
superior conj	-313 Jul 02 j 16:31	4°♋33'26	1°38'08
minimum elong	-313 Jul 02 j 14:30	4°♋22'57	1°37'59
max. Earth dist.	-313 Jul 06 j 15:21	12°♋38'02	1.35170 AU
evening rise	-313 Jul 11 j 01:55	21°♋19'05	
	-313 Jul 15 j 18:48	0°♌	
desc. node	-313 Jul 30 j 11:41	23°♌46'09	
	-313 Aug 03 j 22:56	0°♍	
evening max el	-313 Aug 15 j 09:15	13°♍21'59	26°42'56
retrograde	-313 Aug 28 j 09:11	20°♍37'21	
evening set	-313 Sep 04 j 00:29	17°♍54'32	
min. Earth dist.	-313 Sep 08 j 01:13	13°♍46'38	0.65852 AU
inferior conj	-313 Sep 09 j 18:44	11°♍43'17	-2°-14'-24
minimum elong	-313 Sep 09 j 22:06	11°♍33'17	2°13'09
morning rise	-313 Sep 15 j 20:54	5°♍58'03	
asc. node	-313 Sep 16 j 14:12	5°♍37'56	
direct	-313 Sep 18 j 17:41	5°♍12'08	
morning max el	-313 Sep 25 j 09:09	8°♍51'28	18°29'01
	-313 Oct 10 j 03:09	0°♎	
morning set	-313 Oct 15 j 04:31	8°♎09'25	
desc. node	-313 Oct 26 j 11:02	26°♎10'17	
	-313 Oct 28 j 21:12	0°♏	
superior conj	-313 Oct 30 j 17:55	2°♏56'08	0°-27'-48
minimum elong	-313 Oct 30 j 14:15	2°♏41'42	0°27'21
max. Earth dist.	-313 Oct 31 j 21:43	4°♏45'29	1.45023 AU
evening rise	-313 Nov 15 j 23:56	28°♏29'49	
	-313 Nov 16 j 22:47	0°♐	
greatest brilliancy	-313 Nov 28 j 00:03	17°♐20'14	-0.7m
	-313 Dec 07 j 01:34	0°♑	
evening max el	-313 Dec 08 j 16:05	1°♑46'15	19°10'19
asc. node	-313 Dec 13 j 13:29	5°♑21'57	
retrograde	-313 Dec 15 j 16:06	5°♑46'32	
evening set	-313 Dec 18 j 22:24	4°♑44'38	
	-313 Dec 23 j 17:19	30°℞♐	
inferior conj	-313 Dec 24 j 14:41	28°♐52'45	3°10'03
minimum elong	-313 Dec 24 j 11:56	29°♐01'30	3°09'24
min. Earth dist.	-313 Dec 26 j 00:39	27°♐05'00	0.65888 AU
morning rise	-313 Dec 30 j 00:36	22°♐40'51	
direct	-312 Jan 05 j 10:03	19°♐53'22	
morning max el	-312 Jan 18 j 03:50	27°♐23'29	26°22'24
	-312 Jan 20 j 15:07	0°♑	
desc. node	-312 Jan 22 j 10:17	2°♑02'42	
	-312 Feb 11 j 04:26	0°♒	
morning set	-312 Feb 23 j 05:44	21°♒04'23	
max. Earth dist.	-312 Feb 27 j 09:00	29°♒00'59	1.35049 AU
	-312 Feb 27 j 20:59	0°♓	

superior conj	-312 Mar 03 j 02:48	8°♓32'36	-1°-11'-27
minimum elong	-312 Mar 03 j 06:04	8°♓49'24	1°10'55
evening rise	-312 Mar 10 j 20:27	24°♓35'02	
asc. node	-312 Mar 10 j 12:48	23°♓55'34	
	-312 Mar 13 j 12:28	0°♈	
evening max el	-312 Mar 29 j 15:22	24°♈56'05	20°42'17
	-312 Apr 07 j 00:38	0°♉	
retrograde	-312 Apr 09 j 20:16	0°♉20'04	
evening set	-312 Apr 12 j 01:06	0°♉08'25	
	-312 Apr 12 j 17:56	30°℞♈	
desc. node	-312 Apr 19 j 09:26	27°♈13'45	
inferior conj	-312 Apr 21 j 05:46	26°♈11'03	0°-31'-45
minimum elong	-312 Apr 21 j 04:16	26°♈13'12	0°31'13
min. Earth dist.	-312 Apr 22 j 08:42	25°♈32'28	0.55099 AU
morning rise	-312 Apr 30 j 06:07	22°♈00'58	
direct	-312 May 03 j 17:57	21°♈34'36	
morning max el	-312 May 16 j 23:07	27°♈58'20	23°01'20
	-312 May 18 j 23:36	0°♉	
asc. node	-312 Jun 06 j 12:03	29°♉21'58	
	-312 Jun 06 j 19:32	0°♊	
morning set	-312 Jun 08 j 17:26	3°♊57'23	
superior conj	-312 Jun 15 j 21:28	19°♊15'01	1°24'46
minimum elong	-312 Jun 15 j 18:59	19°♊01'46	1°24'28
max. Earth dist.	-312 Jun 18 j 12:39	24°♊49'15	1.33896 AU
	-312 Jun 21 j 00:42	0°♋	
evening rise	-312 Jun 23 j 14:58	5°♋13'01	
	-312 Jul 07 j 11:07	0°♌	
desc. node	-312 Jul 16 j 08:43	13°♌12'50	
evening max el	-312 Jul 27 j 21:03	26°♌44'39	27°17'50
	-312 Jul 31 j 15:30	0°♍	
retrograde	-312 Aug 10 j 07:54	4°♍03'55	
evening set	-312 Aug 17 j 09:12	1°♍19'48	
	-312 Aug 18 j 22:42	30°℞♌	
min. Earth dist.	-312 Aug 21 j 03:16	27°♌48'47	0.64559 AU
inferior conj	-312 Aug 23 j 09:53	25°♌20'30	-3°-7'-14
minimum elong	-312 Aug 23 j 14:18	25°♌08'29	3°05'52
morning rise	-312 Aug 29 j 21:07	19°♌50'42	
direct	-312 Sep 01 j 12:00	19°♌14'59	
asc. node	-312 Sep 02 j 11:16	19°♌19'55	
morning max el	-312 Sep 08 j 00:08	22°♌42'59	18°02'15
	-312 Sep 13 j 17:18	0°♍	
morning set	-312 Sep 25 j 14:09	19°♍26'11	
	-312 Oct 01 j 21:37	0°♎	
superior conj	-312 Oct 09 j 03:32	11°♎49'55	0°20'55
minimum elong	-312 Oct 09 j 05:59	11°♎59'44	0°20'36
desc. node	-312 Oct 12 j 08:03	16°♎56'03	
max. Earth dist.	-312 Oct 13 j 16:23	19°♎04'28	1.44594 AU
	-312 Oct 20 j 15:24	0°♏	
evening rise	-312 Oct 25 j 14:35	7°♏41'50	
	-312 Nov 09 j 07:14	0°♐	
greatest brilliancy	-312 Nov 13 j 22:50	6°♐39'28	-0.6m
evening max el	-312 Nov 20 j 21:14	15°♐14'07	20°04'16
retrograde	-312 Nov 28 j 13:35	19°♐44'20	
asc. node	-312 Nov 29 j 10:32	19°♐40'00	
evening set	-312 Dec 02 j 04:04	18°♐28'37	
inferior conj	-312 Dec 07 j 16:22	12°♐23'16	2°33'40
minimum elong	-312 Dec 07 j 13:36	12°♐32'29	2°32'48
min. Earth dist.	-312 Dec 08 j 12:53	11°♐14'40	0.66828 AU
morning rise	-312 Dec 12 j 22:34	6°♐08'27	
direct	-312 Dec 18 j 18:01	3°♐35'07	
morning max el	-312 Dec 30 j 12:34	10°♐35'20	25°06'08
desc. node	-311 Jan 08 j 07:19	20°♐50'55	
	-311 Jan 14 j 23:52	0°♑	
	-311 Feb 02 j 20:11	0°♒	
morning set	-311 Feb 04 j 16:45	3°♒17'25	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	-311 Feb	08 j	10:17	10°♒05'51	1.36799 AU	max. Earth dist.	-310 Jan	21 j	05:38	21°♑19'08	1.38848 AU
							-310 Jan	26 j	01:22	0°♒	
superior conj	-311 Feb	14 j	15:50	22°♒02'35	-1°-34'-29						
minimum elong	-311 Feb	14 j	19:39	22°♒21'23	1°34'03	superior conj	-310 Jan	28 j	15:41	4°♒49'41	-1°-52'-13
	-311 Feb	18 j	15:32	0°♓		minimum elong	-310 Jan	28 j	18:54	5°♒04'47	1°52'02
evening rise	-311 Feb	22 j	23:55	8°♓46'50		evening rise	-310 Feb	06 j	19:55	22°♒31'02	
asc. node	-311 Feb	25 j	09:51	13°♓35'09			-310 Feb	10 j	17:25	0°♓	
	-311 Mar	06 j	18:31	0°♈		asc. node	-310 Feb	12 j	06:55	2°♓54'03	
evening max el	-311 Mar	12 j	04:42	6°♈35'07	19°33'55	evening max el	-310 Feb	23 j	04:10	18°♓50'53	18°45'12
retrograde	-311 Mar	21 j	16:37	11°♈08'35		retrograde	-310 Mar	03 j	05:47	22°♓45'45	
evening set	-311 Mar	23 j	20:13	10°♈55'35		evening set	-310 Mar	05 j	13:25	22°♓27'35	
inferior conj	-311 Apr	01 j	09:31	6°♈50'39	1°21'04	inferior conj	-310 Mar	13 j	08:17	18°♓05'29	2°44'24
minimum elong	-311 Apr	01 j	12:44	6°♈45'30	1°20'00	minimum elong	-310 Mar	13 j	12:38	17°♓57'23	2°43'20
min. Earth dist.	-311 Apr	03 j	23:03	5°♈12'42	0.55992 AU	min. Earth dist.	-310 Mar	16 j	16:00	15°♓38'26	0.57619 AU
desc. node	-311 Apr	06 j	06:30	3°♈51'22		morning rise	-310 Mar	21 j	07:40	12°♓52'39	
morning rise	-311 Apr	10 j	01:41	2°♈10'08		desc. node	-310 Mar	24 j	03:32	11°♓54'42	
direct	-311 Apr	14 j	13:02	1°♈25'11		direct	-310 Mar	26 j	22:02	11°♓35'38	
morning max el	-311 Apr	28 j	14:18	8°♈30'04	24°41'59	morning max el	-310 Apr	10 j	06:13	19°♓06'44	26°11'36
	-311 May	14 j	10:28	0°♉			-310 Apr	19 j	10:42	0°♈	
morning set	-311 May	24 j	05:27	18°♉56'18			-310 May	06 j	19:52	0°♉	
asc. node	-311 May	24 j	09:07	19°♉15'36		morning set	-310 May	08 j	16:48	3°♉52'52	
	-311 May	29 j	08:53	0°♊		asc. node	-310 May	11 j	06:11	9°♉19'49	
superior conj	-311 May	31 j	06:34	4°♊08'30	1°07'03	superior conj	-310 May	15 j	17:52	19°♉07'23	0°45'52
minimum elong	-311 May	31 j	04:11	3°♊55'29	1°06'38	minimum elong	-310 May	15 j	16:00	18°♉57'10	0°45'30
max. Earth dist.	-311 Jun	01 j	18:18	7°♊21'58	1.33007 AU	max. Earth dist.	-310 May	16 j	05:16	20°♉09'50	1.32494 AU
evening rise	-311 Jun	07 j	13:37	19°♊35'14			-310 May	20 j	18:10	0°♊	
	-311 Jun	12 j	20:59	0°♋		evening rise	-310 May	22 j	18:51	4°♊16'23	
	-311 Jul	01 j	17:06	0°♌			-310 Jun	05 j	15:01	0°♋	
desc. node	-311 Jul	03 j	05:46	1°♌56'06		desc. node	-310 Jun	20 j	02:48	19°♋37'51	
evening max el	-311 Jul	10 j	06:35	9°♌41'28	27°23'59	evening max el	-310 Jun	22 j	11:26	22°♋00'34	26°57'33
retrograde	-311 Jul	24 j	00:30	17°♌00'31		retrograde	-310 Jul	06 j	10:13	29°♋17'40	
evening set	-311 Jul	31 j	05:25	14°♌27'07		evening set	-310 Jul	13 j	08:50	27°♋09'15	
min. Earth dist.	-311 Aug	03 j	19:25	11°♌27'29	0.62901 AU	min. Earth dist.	-310 Jul	17 j	01:22	24°♋28'41	0.60953 AU
inferior conj	-311 Aug	06 j	15:05	8°♌42'52	-3°-53'-56	inferior conj	-310 Jul	20 j	07:03	21°♋42'22	-4°-28'-54
minimum elong	-311 Aug	06 j	19:45	8°♌31'29	3°52'52	minimum elong	-310 Jul	20 j	10:29	21°♋34'57	4°28'28
morning rise	-311 Aug	13 j	12:28	3°♌31'55		morning rise	-310 Jul	27 j	15:12	16°♋53'00	
direct	-311 Aug	15 j	23:53	3°♌03'28		direct	-310 Jul	30 j	01:34	16°♋29'24	
asc. node	-311 Aug	20 j	08:19	4°♌32'55		morning max el	-310 Aug	06 j	05:00	20°♋00'55	18°03'15
morning max el	-311 Aug	22 j	15:45	6°♌28'39	17°53'22	asc. node	-310 Aug	07 j	05:23	21°♋03'35	
	-311 Sep	06 j	22:24	0°♍			-310 Aug	13 j	15:14	0°♌	
morning set	-311 Sep	07 j	23:14	1°♍50'02		morning set	-310 Aug	22 j	01:44	15°♌03'49	
							-310 Aug	30 j	05:06	0°♍	
superior conj	-311 Sep	19 j	14:01	21°♍58'35	1°01'05						
minimum elong	-311 Sep	19 j	19:02	22°♍19'40	1°00'29	superior conj	-310 Sep	01 j	03:33	3°♍27'07	1°28'20
	-311 Sep	24 j	10:16	0°♎		minimum elong	-310 Sep	01 j	07:46	3°♍45'45	1°27'56
max. Earth dist.	-311 Sep	26 j	07:55	3°♎05'24	1.43481 AU	max. Earth dist.	-310 Sep	08 j	17:45	16°♍30'19	1.41841 AU
desc. node	-311 Sep	29 j	05:05	7°♎42'43		evening rise	-310 Sep	14 j	14:09	26°♍03'37	
evening rise	-311 Oct	04 j	21:18	16°♎37'41		desc. node	-310 Sep	16 j	02:07	28°♍26'37	
	-311 Oct	13 j	15:56	0°♏			-310 Sep	17 j	01:47	0°♎	
greatest brilliancy	-311 Oct	29 j	14:11	22°♏34'00	-0.4m		-310 Oct	07 j	12:20	0°♏	
evening max el	-311 Nov	03 j	20:40	28°♏42'18	21°11'17	greatest brilliancy	-310 Oct	12 j	19:56	6°♏49'42	-0.3m
	-311 Nov	05 j	04:28	0°♐		evening max el	-310 Oct	17 j	14:25	12°♏11'09	22°27'37
retrograde	-311 Nov	12 j	11:01	3°♐48'44		retrograde	-310 Oct	27 j	06:32	17°♏56'14	
evening set	-311 Nov	16 j	11:40	2°♐17'16		evening set	-310 Oct	31 j	19:22	16°♏07'24	
asc. node	-311 Nov	16 j	07:35	2°♐24'55		asc. node	-310 Nov	03 j	04:37	13°♏42'58	
	-311 Nov	18 j	20:19	30°℞♏		inferior conj	-310 Nov	06 j	04:38	9°♏45'53	1°01'13
inferior conj	-311 Nov	21 j	21:41	26°♏01'56	1°50'08	minimum elong	-310 Nov	06 j	03:16	9°♏50'40	1°00'40
minimum elong	-311 Nov	21 j	19:25	26°♏09'42	1°49'18	min. Earth dist.	-310 Nov	06 j	02:35	9°♏53'00	0.67642 AU
min. Earth dist.	-311 Nov	22 j	06:21	25°♏32'06	0.67402 AU	morning rise	-310 Nov	11 j	11:02	3°♏31'50	
morning rise	-311 Nov	27 j	02:50	19°♏46'18		direct	-310 Nov	16 j	00:04	1°♏41'03	
direct	-311 Dec	02 j	06:57	17°♏33'06		morning max el	-310 Nov	25 j	09:04	7°♏13'43	22°12'42
morning max el	-311 Dec	12 j	21:25	23°♏52'14	23°39'43	greatest brilliancy	-310 Nov	30 j	01:15	12°♏29'19	-0.3m
	-311 Dec	18 j	08:12	0°♐			-310 Dec	12 j	21:48	0°♐	
desc. node	-311 Dec	26 j	04:21	10°♐18'13		desc. node	-310 Dec	13 j	01:23	0°♐13'02	
	-310 Jan	08 j	10:21	0°♑		morning set	-310 Dec	28 j	11:01	23°♐54'18	
morning set	-310 Jan	17 j	04:18	14°♑18'18			-309 Jan	01 j	04:24	0°♑	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	-309 Jan 03	j 02:36	3°♋12'49	1.40958 AU
superior conj	-309 Jan 10	j 21:23	16°♋41'10	-2°-1'-7
minimum elong	-309 Jan 10	j 22:09	16°♋44'35	2°01'07
	-309 Jan 18	j 04:29	0°♒	
evening rise	-309 Jan 21	j 05:11	5°♒39'09	
asc. node	-309 Jan 30	j 03:58	21°♒44'43	
	-309 Feb 04	j 23:09	0°♓	
evening max el	-309 Feb 06	j 11:02	1°♓35'32	18°16'36
retrograde	-309 Feb 13	j 13:23	5°♓07'48	
evening set	-309 Feb 16	j 01:43	4°♓42'08	
inferior conj	-309 Feb 23	j 03:56	29°♒58'58	3°32'23
minimum elong	-309 Feb 23	j 06:41	29°♒53'00	3°32'01
	-309 Feb 23	j 03:27	30°℞♒	
min. Earth dist.	-309 Feb 26	j 13:27	27°♒03'50	0.59647 AU
morning rise	-309 Mar 02	j 08:11	24°♒22'04	
direct	-309 Mar 08	j 19:58	22°♒26'58	
desc. node	-309 Mar 11	j 00:34	22°♒39'40	
	-309 Mar 22	j 22:14	0°♓	
morning max el	-309 Mar 23	j 03:00	0°♓11'38	27°15'50
	-309 Apr 13	j 09:35	0°♈	
morning set	-309 Apr 23	j 01:45	18°♈40'59	
asc. node	-309 Apr 28	j 03:15	29°♈29'56	
	-309 Apr 28	j 08:46	0°♉	
superior conj	-309 Apr 30	j 05:36	4°♉05'31	0°22'04
minimum elong	-309 Apr 30	j 04:37	4°♉00'10	0°21'51
max. Earth dist.	-309 Apr 29	j 18:02	3°♉02'02	1.32345 AU
evening rise	-309 May 07	j 04:13	19°♉08'22	
	-309 May 12	j 12:59	0°♊	
	-309 May 31	j 23:05	0°♋	
evening max el	-309 Jun 04	j 09:56	3°♋35'59	25°59'13
desc. node	-309 Jun 06	j 23:49	5°♋52'49	
retrograde	-309 Jun 18	j 11:17	10°♋48'57	
evening set	-309 Jun 24	j 15:01	9°♋17'04	
min. Earth dist.	-309 Jun 28	j 22:37	6°♋38'16	0.58893 AU
inferior conj	-309 Jul 02	j 06:13	4°♋10'16	-4°-43'-21
minimum elong	-309 Jul 02	j 06:24	4°♋09'56	4°43'22
	-309 Jul 09	j 04:23	30°℞♊	
morning rise	-309 Jul 10	j 01:25	29°♊43'29	
direct	-309 Jul 12	j 12:52	29°♊22'57	
	-309 Jul 15	j 18:27	0°♋	
morning max el	-309 Jul 20	j 12:49	3°♋11'35	18°33'02
asc. node	-309 Jul 25	j 02:26	8°♋36'57	
morning set	-309 Aug 05	j 16:47	28°♋55'08	
	-309 Aug 06	j 06:13	0°♌	
superior conj	-309 Aug 14	j 15:42	16°♌03'18	1°43'02
minimum elong	-309 Aug 14	j 17:47	16°♌13'03	1°42'56
max. Earth dist.	-309 Aug 21	j 22:35	29°♌13'04	1.39897 AU
	-309 Aug 22	j 09:21	0°♍	
evening rise	-309 Aug 26	j 05:41	6°♍33'58	
desc. node	-309 Sep 02	j 23:09	19°♍04'25	
	-309 Sep 10	j 04:12	0°♎	
evening max el	-309 Sep 30	j 04:07	25°♎43'16	23°47'50
	-309 Oct 05	j 05:34	0°♏	
retrograde	-309 Oct 10	j 22:49	2°♏04'16	
evening set	-309 Oct 16	j 01:33	29°♎57'16	
	-309 Oct 16	j 00:15	30°℞♎	
inferior conj	-309 Oct 21	j 11:29	23°♎33'34	0°08'30
minimum elong	-309 Oct 21	j 11:16	23°♎34'16	0°08'24
transit middle	-309 Oct 21	j 11:16	23°♎34'16	0°08'24
transit begin	-309 Oct 21	j 08:57	23°♎42'11	
transit end	-309 Oct 21	j 13:36	23°♎26'20	
min. Earth dist.	-309 Oct 20	j 23:06	24°♎15'44	0.67566 AU
asc. node	-309 Oct 21	j 01:38	24°♎07'04	
morning rise	-309 Oct 26	j 21:09	17°♎23'50	
direct	-309 Oct 30	j 20:23	15°♎54'54	
morning max el	-309 Nov 08	j 02:54	20°♎44'03	20°52'49
greatest brilliancy	-309 Nov 13	j 20:47	27°♎27'21	-0.5m
	-309 Nov 15	j 19:04	0°♏	
desc. node	-309 Nov 29	j 22:25	20°♏27'53	
	-309 Dec 06	j 03:54	0°♐	
morning set	-309 Dec 07	j 15:45	2°♐19'21	
max. Earth dist.	-309 Dec 16	j 06:59	16°♐03'41	1.42835 AU
superior conj	-309 Dec 23	j 03:35	27°♐25'03	-1°-56'-44
minimum elong	-309 Dec 22	j 23:56	27°♐09'38	1°56'36
	-309 Dec 24	j 16:07	0°♑	
evening rise	-308 Jan 03	j 23:54	18°♑03'44	
	-308 Jan 10	j 18:09	0°♒	
asc. node	-308 Jan 17	j 00:59	9°♒58'35	
evening max el	-308 Jan 20	j 22:13	14°♒40'31	18°07'41
retrograde	-308 Jan 27	j 12:28	18°♒05'27	
evening set	-308 Jan 30	j 05:05	17°♒31'02	
inferior conj	-308 Feb 05	j 17:56	12°♒26'10	3°50'33
minimum elong	-308 Feb 05	j 18:24	12°♒25'03	3°50'32
min. Earth dist.	-308 Feb 08	j 18:02	9°♒28'04	0.61733 AU
morning rise	-308 Feb 12	j 05:16	6°♒33'34	
direct	-308 Feb 19	j 03:53	4°♒06'15	
desc. node	-308 Feb 25	j 21:36	6°♒07'23	
morning max el	-308 Mar 04	j 05:55	11°♒56'39	27°45'27
	-308 Mar 18	j 12:45	0°♓	
	-308 Apr 04	j 16:05	0°♈	
morning set	-308 Apr 06	j 06:21	3°♈13'22	
max. Earth dist.	-308 Apr 12	j 04:48	15°♈44'56	1.32569 AU
superior conj	-308 Apr 13	j 16:04	18°♈56'25	0°-3'-37
minimum elong	-308 Apr 13	j 16:14	18°♈57'19	0°03'35
behind sun begin	-308 Apr 13	j 11:14	18°♈30'07	
behind sun end	-308 Apr 13	j 21:14	19°♈24'32	
asc. node	-308 Apr 14	j 00:17	19°♈41'09	
	-308 Apr 18	j 18:04	0°♉	
evening rise	-308 Apr 20	j 15:40	4°♉03'27	
	-308 May 04	j 14:56	0°♊	
evening max el	-308 May 16	j 02:22	14°♊30'50	24°36'00
desc. node	-308 May 23	j 20:51	20°♊06'45	
retrograde	-308 May 30	j 00:56	21°♊33'40	
evening set	-308 Jun 03	j 22:10	20°♊39'56	
min. Earth dist.	-308 Jun 09	j 13:50	17°♊46'08	0.56998 AU
inferior conj	-308 Jun 12	j 09:37	15°♊56'44	-4°-25'-15
minimum elong	-308 Jun 12	j 05:10	16°♊03'58	4°24'42
morning rise	-308 Jun 20	j 15:58	11°♊50'30	
direct	-308 Jun 23	j 06:00	11°♊31'56	
morning max el	-308 Jul 02	j 12:12	15°♊50'17	19°23'44
asc. node	-308 Jul 10	j 23:29	26°♊58'25	
	-308 Jul 12	j 17:58	0°♋	
morning set	-308 Jul 19	j 16:37	13°♋13'18	
superior conj	-308 Jul 27	j 20:42	29°♋30'28	1°47'20
minimum elong	-308 Jul 27	j 20:43	29°♋30'35	1°47'20
	-308 Jul 28	j 02:45	0°♌	
max. Earth dist.	-308 Aug 03	j 01:48	11°♌19'03	1.37898 AU
evening rise	-308 Aug 06	j 21:56	18°♌14'33	
	-308 Aug 13	j 19:56	0°♍	
desc. node	-308 Aug 19	j 20:10	9°♍30'57	
	-308 Sep 03	j 10:47	0°♎	
evening max el	-308 Sep 11	j 15:50	9°♎18'33	25°05'14
retrograde	-308 Sep 23	j 10:53	16°♎08'26	
evening set	-308 Sep 29	j 04:28	13°♎44'04	
min. Earth dist.	-308 Oct 03	j 17:25	8°♎37'40	0.67168 AU
inferior conj	-308 Oct 04	j 16:27	7°♎22'09	0°-46'-38
minimum elong	-308 Oct 04	j 17:36	7°♎18'20	0°46'10
asc. node	-308 Oct 06	j 22:40	4°♎30'45	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning rise	-308 Oct 10 j 07:14	1°♎19'42	
direct	-308 Oct 13 j 18:26	0°♎10'16	
morning max el	-308 Oct 21 j 04:27	4°♎24'29	19°45'07
greatest brilliancy	-308 Oct 29 j 03:36	14°♎21'33	-0.6m
	-308 Nov 08 j 16:38	0°♏	
morning set	-308 Nov 15 j 12:50	10°♏31'11	
desc. node	-308 Nov 15 j 19:27	10°♏56'46	
	-308 Nov 27 j 23:19	0°♐	
max. Earth dist.	-308 Nov 27 j 19:12	29°♏43'38	1.44213 AU
superior conj	-308 Dec 02 j 06:52	6°♐54'46	-1°-34'-58
minimum elong	-308 Dec 01 j 23:05	6°♐23'23	1°34'18
evening rise	-308 Dec 15 j 23:47	29°♐37'03	
	-308 Dec 16 j 05:12	0°♑	
asc. node	-307 Jan 02 j 21:59	27°♑24'56	
evening max el	-307 Jan 03 j 10:46	27°♑58'18	18°17'51
	-307 Jan 05 j 19:22	0°♒	
retrograde	-307 Jan 09 j 22:40	1°♒28'58	
evening set	-307 Jan 12 j 19:39	0°♒44'58	
	-307 Jan 14 j 01:33	30°℞♑	
inferior conj	-307 Jan 18 j 22:25	25°♑19'46	3°46'38
minimum elong	-307 Jan 18 j 21:01	25°♑23'40	3°46'30
min. Earth dist.	-307 Jan 21 j 08:03	22°♑39'36	0.63617 AU
morning rise	-307 Jan 24 j 20:47	19°♑16'57	
direct	-307 Jan 31 j 19:51	16°♑30'34	
desc. node	-307 Feb 11 j 18:38	21°♑45'17	
morning max el	-307 Feb 14 j 13:40	24°♑20'52	27°38'15
	-307 Feb 19 j 16:53	0°♒	
	-307 Mar 11 j 21:11	0°♓	
morning set	-307 Mar 21 j 04:13	17°♓22'18	
max. Earth dist.	-307 Mar 26 j 09:41	28°♓05'31	1.33189 AU
	-307 Mar 27 j 07:21	0°♈	
superior conj	-307 Mar 28 j 23:33	3°♈34'14	0°-30'-16
minimum elong	-307 Mar 29 j 01:00	3°♈41'59	0°29'57
asc. node	-307 Mar 31 j 21:19	9°♈49'35	
evening rise	-307 Apr 05 j 03:23	18°♈55'08	
	-307 Apr 10 j 14:49	0°♉	
evening max el	-307 Apr 27 j 17:12	25°♉05'43	23°01'09
	-307 May 04 j 07:40	0°♊	
desc. node	-307 May 10 j 17:51	1°♊44'05	
retrograde	-307 May 11 j 02:06	1°♊44'21	
evening set	-307 May 14 j 13:13	1°♊18'05	
	-307 May 18 j 04:24	30°℞♉	
min. Earth dist.	-307 May 22 j 02:32	27°♉56'08	0.55602 AU
inferior conj	-307 May 23 j 17:35	26°♉59'31	-3°-23'-36
minimum elong	-307 May 23 j 10:25	27°♉09'57	3°21'45
morning rise	-307 Jun 01 j 10:38	23°♉05'31	
direct	-307 Jun 04 j 04:28	22°♉47'39	
morning max el	-307 Jun 15 j 01:04	27°♉49'30	20°35'09
	-307 Jun 17 j 04:32	0°♊	
asc. node	-307 Jun 27 j 20:33	15°♊56'41	
morning set	-307 Jul 03 j 22:28	27°♊50'58	
	-307 Jul 04 j 23:37	0°♋	
superior conj	-307 Jul 11 j 13:48	13°♋35'12	1°43'24
minimum elong	-307 Jul 11 j 12:20	13°♋27'44	1°43'20
max. Earth dist.	-307 Jul 16 j 08:45	23°♋08'16	1.36075 AU
	-307 Jul 19 j 23:06	0°♌	
evening rise	-307 Jul 20 j 11:23	0°♌57'10	
desc. node	-307 Aug 06 j 17:10	29°♌40'34	
	-307 Aug 06 j 22:25	0°♍	
evening max el	-307 Aug 25 j 03:19	22°♍54'26	26°12'09
	-307 Sep 05 j 17:47	0°♎	
retrograde	-307 Sep 06 j 18:12	0°♎03'40	
	-307 Sep 07 j 18:08	30°℞♍	
evening set	-307 Sep 13 j 02:15	27°♍25'27	
min. Earth dist.	-307 Sep 17 j 07:10	22°♍56'11	0.66433 AU
inferior conj	-307 Sep 18 j 17:43	21°♍09'11	-1°-42'-37
minimum elong	-307 Sep 18 j 20:18	21°♍01'09	1°41'35
asc. node	-307 Sep 23 j 19:44	15°♍48'59	
morning rise	-307 Sep 24 j 15:19	15°♍17'01	
direct	-307 Sep 27 j 16:39	14°♍23'40	
morning max el	-307 Oct 04 j 12:59	18°♍13'01	18°52'12
	-307 Oct 13 j 12:28	0°♎	
morning set	-307 Oct 26 j 02:21	19°♎37'19	
	-307 Nov 01 j 16:20	0°♏	
desc. node	-307 Nov 02 j 16:28	1°♏34'56	
max. Earth dist.	-307 Nov 10 j 12:14	13°♏52'46	1.44930 AU
superior conj	-307 Nov 11 j 12:12	15°♏27'07	0°-55'-37
minimum elong	-307 Nov 11 j 05:20	15°♏00'05	0°54'49
	-307 Nov 20 j 16:33	0°♐	
evening rise	-307 Nov 27 j 00:52	10°♐11'47	
	-307 Dec 09 j 09:56	0°♑	
evening max el	-307 Dec 17 j 22:04	11°♑22'24	18°46'15
asc. node	-307 Dec 20 j 19:01	13°♑49'42	
retrograde	-307 Dec 24 j 15:44	15°♑09'36	
evening set	-307 Dec 27 j 18:07	14°♑14'46	
inferior conj	-306 Jan 02 j 13:32	8°♑31'45	3°26'52
minimum elong	-306 Jan 02 j 11:04	8°♑39'17	3°26'24
min. Earth dist.	-306 Jan 04 j 07:53	6°♑22'43	0.65162 AU
morning rise	-306 Jan 08 j 02:56	2°♑22'12	
	-306 Jan 12 j 00:05	30°℞♐	
direct	-306 Jan 14 j 18:45	29°♐31'21	
	-306 Jan 17 j 17:09	0°♑	
morning max el	-306 Jan 27 j 23:27	7°♑13'06	26°57'51
desc. node	-306 Jan 29 j 15:41	8°♑57'26	
	-306 Feb 14 j 15:20	0°♒	
	-306 Mar 04 j 04:15	0°♓	
morning set	-306 Mar 04 j 16:08	0°♓56'53	
max. Earth dist.	-306 Mar 09 j 04:44	9°♓52'20	1.34239 AU
superior conj	-306 Mar 13 j 01:57	17°♓51'41	0°-56'-47
minimum elong	-306 Mar 13 j 04:38	18°♓05'43	0°56'18
asc. node	-306 Mar 18 j 18:22	29°♓50'22	
	-306 Mar 18 j 20:11	0°♈	
evening rise	-306 Mar 20 j 13:29	3°♈36'09	
	-306 Apr 04 j 11:33	0°♉	
evening max el	-306 Apr 09 j 13:34	5°♉50'42	21°29'20
retrograde	-306 Apr 21 j 17:28	11°♉45'46	
evening set	-306 Apr 24 j 04:16	11°♉32'07	
desc. node	-306 Apr 27 j 14:53	10°♉31'04	
inferior conj	-306 May 03 j 13:09	7°♉31'13	-1°-40'-37
minimum elong	-306 May 03 j 08:30	7°♉37'46	1°39'01
min. Earth dist.	-306 May 03 j 15:27	7°♉28'00	0.55007 AU
morning rise	-306 May 12 j 13:12	3°♉32'21	
direct	-306 May 15 j 15:25	3°♉11'28	
morning max el	-306 May 28 j 03:05	9°♉06'15	22°04'32
	-306 Jun 11 j 22:13	0°♊	
asc. node	-306 Jun 14 j 17:38	5°♊22'14	
morning set	-306 Jun 18 j 08:10	12°♊41'40	
superior conj	-306 Jun 25 j 15:17	28°♊06'10	1°33'04
minimum elong	-306 Jun 25 j 12:59	27°♊54'08	1°32'51
	-306 Jun 26 j 13:00	0°♋	
max. Earth dist.	-306 Jun 29 j 00:08	5°♋05'52	1.34577 AU
evening rise	-306 Jul 03 j 17:07	14°♋28'55	
	-306 Jul 12 j 04:48	0°♌	
desc. node	-306 Jul 24 j 14:11	19°♌25'58	
	-306 Aug 01 j 16:32	0°♍	
evening max el	-306 Aug 07 j 15:06	6°♍24'39	27°00'55
retrograde	-306 Aug 20 j 20:26	13°♍43'20	
evening set	-306 Aug 27 j 16:35	10°♍58'23	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	-306 Aug 31 j 14:10	7°♍06'40	0.65341 AU
inferior conj	-306 Sep 02 j 13:16	4°♍51'37	-2°-37'-23
minimum elong	-306 Sep 02 j 17:09	4°♍40'30	2°36'01
	-306 Sep 07 j 11:47	30°℞♌	
morning rise	-306 Sep 08 j 19:11	29°♌12'47	
asc. node	-306 Sep 10 j 16:49	28°♌35'40	
direct	-306 Sep 11 j 13:02	28°♌31'47	
	-306 Sep 15 j 15:45	0°♍	
morning max el	-306 Sep 18 j 02:25	2°♍05'28	18°15'34
morning set	-306 Oct 06 j 20:01	0°♎07'34	
	-306 Oct 06 j 18:10	0°♎	
desc. node	-306 Oct 20 j 13:30	22°♎19'07	
superior conj	-306 Oct 21 j 13:56	23°♎55'58	0°-6'-41
minimum elong	-306 Oct 21 j 13:04	23°♎52'32	0°06'34
behind sun begin	-306 Oct 21 j 02:52	23°♎12'08	
behind sun end	-306 Oct 21 j 23:16	24°♎32'55	
max. Earth dist.	-306 Oct 24 j 06:46	28°♎11'57	1.44918 AU
	-306 Oct 25 j 10:14	0°♏	
evening rise	-306 Nov 07 j 02:26	19°♏49'13	
	-306 Nov 13 j 15:23	0°♐	
greatest brilliancy	-306 Nov 22 j 17:53	13°♐49'51	-0.7m
evening max el	-306 Dec 01 j 05:58	24°♐49'41	19°31'30
asc. node	-306 Dec 07 j 16:04	28°♐58'11	
retrograde	-306 Dec 08 j 12:23	29°♐02'13	
evening set	-306 Dec 11 j 21:48	27°♐54'52	
inferior conj	-306 Dec 17 j 12:10	21°♐56'54	2°55'39
minimum elong	-306 Dec 17 j 09:20	22°♐06'06	2°54'53
min. Earth dist.	-306 Dec 18 j 16:15	20°♐25'25	0.66327 AU
morning rise	-306 Dec 22 j 20:07	15°♐43'14	
direct	-306 Dec 28 j 23:52	13°♐00'34	
morning max el	-305 Jan 10 j 08:46	20°♐20'32	25°51'51
desc. node	-305 Jan 16 j 12:44	27°♐16'37	
	-305 Jan 18 j 16:45	0°♑	
	-305 Feb 07 j 18:36	0°♒	
morning set	-305 Feb 15 j 13:49	13°♒44'27	
max. Earth dist.	-305 Feb 19 j 11:41	21°♒05'37	1.35743 AU
	-305 Feb 24 j 00:33	0°♓	
superior conj	-305 Feb 24 j 20:47	1°♓41'42	-1°-21'-41
minimum elong	-305 Feb 25 j 00:24	1°♓59'52	1°21'11
evening rise	-305 Mar 04 j 20:00	18°♓00'28	
asc. node	-305 Mar 05 j 15:24	19°♓39'08	
	-305 Mar 10 j 22:49	0°♈	
evening max el	-305 Mar 22 j 20:30	17°♈08'31	20°10'54
retrograde	-305 Apr 02 j 07:56	22°♈09'58	
evening set	-305 Apr 04 j 10:53	21°♈58'29	
inferior conj	-305 Apr 13 j 09:57	17°♈59'54	0°18'30
minimum elong	-305 Apr 13 j 10:47	17°♈58'40	0°18'11
desc. node	-305 Apr 14 j 11:56	17°♈21'07	
min. Earth dist.	-305 Apr 15 j 05:28	16°♈55'10	0.55374 AU
morning rise	-305 Apr 22 j 08:06	13°♈37'32	
direct	-305 Apr 26 j 04:54	13°♈04'49	
morning max el	-305 May 09 j 20:41	19°♈48'38	23°44'23
	-305 May 18 j 10:12	0°♉	
asc. node	-305 Jun 01 j 14:41	25°♉07'31	
morning set	-305 Jun 02 j 19:48	27°♉39'17	
	-305 Jun 03 j 22:26	0°♊	
superior conj	-305 Jun 09 j 22:16	12°♊53'53	1°17'44
minimum elong	-305 Jun 09 j 19:45	12°♊40'23	1°17'22
max. Earth dist.	-305 Jun 12 j 01:02	17°♊25'32	1.33471 AU
evening rise	-305 Jun 17 j 10:41	28°♊36'26	
	-305 Jun 18 j 03:26	0°♋	
	-305 Jul 05 j 08:38	0°♌	
desc. node	-305 Jul 11 j 11:15	8°♌36'15	
evening max el	-305 Jul 21 j 02:12	19°♌38'06	27°24'21
retrograde	-305 Aug 03 j 16:51	26°♌58'13	
evening set	-305 Aug 10 j 20:28	24°♌17'10	
min. Earth dist.	-305 Aug 14 j 12:20	21°♌00'18	0.63887 AU
inferior conj	-305 Aug 17 j 00:34	18°♌23'38	-3°-28'-9
minimum elong	-305 Aug 17 j 05:14	18°♌11'30	3°26'50
morning rise	-305 Aug 23 j 16:01	13°♌01'20	
direct	-305 Aug 26 j 05:00	12°♌29'10	
asc. node	-305 Aug 28 j 13:53	12°♌57'30	
morning max el	-305 Sep 01 j 18:01	15°♌55'20	17°56'12
	-305 Sep 11 j 16:55	0°♍	
morning set	-305 Sep 18 j 16:23	11°♍55'01	
	-305 Sep 29 j 08:44	0°♎	
superior conj	-305 Oct 01 j 09:02	3°♎18'35	0°39'25
minimum elong	-305 Oct 01 j 13:05	3°♎35'11	0°38'53
max. Earth dist.	-305 Oct 06 j 23:57	12°♎23'36	1.44193 AU
desc. node	-305 Oct 07 j 10:32	13°♎05'43	
evening rise	-305 Oct 17 j 11:32	28°♎48'33	
	-305 Oct 18 j 06:06	0°♏	
	-305 Nov 07 j 13:12	0°♐	
greatest brilliancy	-305 Nov 08 j 06:43	0°♐58'44	-0.5m
evening max el	-305 Nov 14 j 08:47	8°♐17'45	20°31'28
retrograde	-305 Nov 22 j 09:58	13°♐02'41	
asc. node	-305 Nov 24 j 13:08	12°♐36'48	
evening set	-305 Nov 26 j 04:29	11°♐40'39	
inferior conj	-305 Dec 01 j 15:38	5°♐30'54	2°15'57
minimum elong	-305 Dec 01 j 13:02	5°♐39'43	2°15'05
min. Earth dist.	-305 Dec 02 j 07:02	4°♐38'39	0.67116 AU
	-305 Dec 06 j 02:19	30°℞♏	
morning rise	-305 Dec 06 j 21:05	29°♏15'26	
direct	-305 Dec 12 j 10:10	26°♏49'50	
	-305 Dec 19 j 18:04	0°♐	
morning max el	-305 Dec 23 j 17:02	3°♐33'41	24°29'58
desc. node	-304 Jan 03 j 09:46	16°♐22'55	
	-304 Jan 12 j 23:03	0°♑	
morning set	-304 Jan 28 j 15:37	25°♑28'46	
	-304 Jan 31 j 04:49	0°♒	
max. Earth dist.	-304 Feb 01 j 09:04	2°♒07'32	1.37641 AU
superior conj	-304 Feb 08 j 04:46	14°♒55'08	-1°-42'-51
minimum elong	-304 Feb 08 j 08:30	15°♒13'12	1°42'30
	-304 Feb 15 j 20:11	0°♓	
evening rise	-304 Feb 16 j 20:36	2°♓01'20	
asc. node	-304 Feb 20 j 12:28	9°♓10'48	
evening max el	-304 Mar 04 j 14:34	29°♓04'52	19°10'50
	-304 Mar 05 j 14:52	0°♈	
retrograde	-304 Mar 13 j 10:25	3°♈19'31	
evening set	-304 Mar 15 j 15:39	3°♈04'36	
	-304 Mar 22 j 05:10	30°℞♓	
inferior conj	-304 Mar 23 j 21:08	28°♓53'26	2°00'42
minimum elong	-304 Mar 24 j 01:17	28°♓46'21	1°59'28
min. Earth dist.	-304 Mar 26 j 20:45	26°♓52'38	0.56614 AU
desc. node	-304 Mar 31 j 08:59	24°♓21'15	
morning rise	-304 Apr 01 j 06:55	23°♓58'53	
direct	-304 Apr 06 j 06:13	23°♓01'28	
	-304 Apr 20 j 03:16	0°♈	
morning max el	-304 Apr 20 j 11:17	0°♈19'05	25°22'15
	-304 May 11 j 00:21	0°♉	
morning set	-304 May 17 j 07:46	12°♉38'38	
asc. node	-304 May 18 j 11:44	15°♉06'50	
superior conj	-304 May 24 j 08:33	27°♉51'14	0°58'27
minimum elong	-304 May 24 j 06:20	27°♉39'07	0°58'02
	-304 May 25 j 08:10	0°♊	
max. Earth dist.	-304 May 25 j 09:31	0°♊07'20	1.32750 AU
evening rise	-304 May 31 j 12:33	13°♊09'00	
	-304 Jun 09 j 06:27	0°♋	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-304 Jun	27 j 08:17	26°♋56'38	
	-304 Jun	30 j 01:56	0°♌	
evening max el	-304 Jul	02 j 10:22	2°♌21'54	27°16'51
retrograde	-304 Jul	16 j 06:34	9°♌39'28	
evening set	-304 Jul	23 j 10:05	7°♌15'24	
min. Earth dist.	-304 Jul	27 j 00:15	4°♌25'26	0.62105 AU
inferior conj	-304 Jul	30 j 00:38	1°♌38'18	-4°-10'-38
minimum elong	-304 Jul	30 j 05:00	1°♌28'10	4°09'49
	-304 Jul	31 j 20:06	30°℞♋	
morning rise	-304 Aug	06 j 02:30	26°♋35'52	
direct	-304 Aug	08 j 13:14	26°♋09'38	
asc. node	-304 Aug	14 j 10:56	28°♋45'44	
morning max el	-304 Aug	15 j 08:56	29°♋36'26	17°55'07
	-304 Aug	15 j 18:20	0°♌	
morning set	-304 Aug	31 j 09:36	24°♌42'39	
	-304 Sep	03 j 07:59	0°♍	
superior conj	-304 Sep	11 j 07:17	14°♍02'01	1°14'16
minimum elong	-304 Sep	11 j 12:16	14°♍23'20	1°13'43
max. Earth dist.	-304 Sep	18 j 13:33	26°♍12'16	1.42846 AU
	-304 Sep	20 j 21:39	0°♎	
desc. node	-304 Sep	23 j 07:34	3°♎51'50	
evening rise	-304 Sep	25 j 20:32	7°♎52'19	
	-304 Oct	10 j 12:30	0°♏	
greatest brilliancy	-304 Oct	22 j 09:08	16°♏13'11	-0.4m
evening max el	-304 Oct	27 j 05:50	21°♏46'26	21°42'56
retrograde	-304 Nov	05 j 06:37	27°♏08'36	
evening set	-304 Nov	09 j 12:18	25°♏29'51	
asc. node	-304 Nov	10 j 10:10	24°♏42'21	
inferior conj	-304 Nov	14 j 21:50	19°♏11'37	1°29'56
minimum elong	-304 Nov	14 j 19:55	19°♏18'16	1°29'11
min. Earth dist.	-304 Nov	15 j 01:51	18°♏57'46	0.67551 AU
morning rise	-304 Nov	20 j 03:16	12°♏56'35	
direct	-304 Nov	25 j 00:59	10°♏52'46	
morning max el	-304 Dec	05 j 02:30	16°♏51'31	23°02'13
greatest brilliancy	-304 Dec	09 j 22:27	22°♏15'57	-0.3m
	-304 Dec	15 j 22:25	0°♐	
desc. node	-304 Dec	20 j 06:48	6°♐02'55	
	-303 Jan	05 j 00:54	0°♑	
morning set	-303 Jan	08 j 15:12	5°♑53'20	
max. Earth dist.	-303 Jan	13 j 04:28	13°♑35'49	1.39756 AU
superior conj	-303 Jan	20 j 21:31	27°♑20'05	-1°-57'-20
minimum elong	-303 Jan	20 j 23:57	27°♑31'17	1°57'15
	-303 Jan	22 j 08:08	0°♒	
evening rise	-303 Jan	30 j 12:25	15°♒30'59	
asc. node	-303 Feb	06 j 09:30	28°♒18'32	
	-303 Feb	07 j 08:55	0°♓	
evening max el	-303 Feb	15 j 17:31	11°♓33'43	18°30'37
retrograde	-303 Feb	23 j 07:40	15°♓17'02	
evening set	-303 Feb	25 j 17:28	14°♓55'45	
inferior conj	-303 Mar	05 j 04:49	10°♓24'36	3°08'55
minimum elong	-303 Mar	05 j 08:42	10°♓16'52	3°08'08
min. Earth dist.	-303 Mar	08 j 14:54	7°♓42'58	0.58450 AU
morning rise	-303 Mar	12 j 20:04	5°♓00'41	
desc. node	-303 Mar	18 j 06:00	3°♓28'46	
direct	-303 Mar	18 j 20:37	3°♓27'49	
morning max el	-303 Apr	02 j 04:49	11°♓05'02	26°42'51
	-303 Apr	16 j 20:05	0°♈	
morning set	-303 May	01 j 18:19	27°♈32'41	
	-303 May	02 j 22:16	0°♉	
asc. node	-303 May	05 j 08:47	5°♉14'13	
superior conj	-303 May	08 j 20:13	12°♉50'35	0°36'04
minimum elong	-303 May	08 j 18:41	12°♉42'12	0°35'45
max. Earth dist.	-303 May	08 j 21:56	13°♉00'00	1.32392 AU
evening rise	-303 May	15 j 19:48	27°♉55'59	
	-303 May	16 j 19:39	0°♊	
	-303 Jun	02 j 17:38	0°♋	
desc. node	-303 Jun	14 j 05:18	14°♋05'17	
evening max el	-303 Jun	14 j 12:42	14°♋23'02	26°36'16
retrograde	-303 Jun	28 j 12:26	21°♋37'56	
evening set	-303 Jul	05 j 04:54	19°♋43'57	
min. Earth dist.	-303 Jul	09 j 01:59	17°♋06'36	0.60089 AU
inferior conj	-303 Jul	12 j 09:51	14°♋25'37	-4°-38'-8
minimum elong	-303 Jul	12 j 12:10	14°♋20'56	4°37'59
morning rise	-303 Jul	19 j 22:42	9°♋45'49	
direct	-303 Jul	22 j 09:28	9°♋23'34	
morning max el	-303 Jul	29 j 20:11	13°♋00'29	18°13'23
asc. node	-303 Aug	01 j 07:58	15°♋44'51	
	-303 Aug	10 j 07:53	0°♌	
morning set	-303 Aug	14 j 17:56	8°♌13'57	
superior conj	-303 Aug	24 j 07:09	26°♌01'33	1°35'59
minimum elong	-303 Aug	24 j 10:31	26°♌16'47	1°35'44
	-303 Aug	26 j 12:18	0°♍	
max. Earth dist.	-303 Aug	31 j 21:32	9°♍21'37	1.41043 AU
evening rise	-303 Sep	05 j 22:07	17°♍43'10	
desc. node	-303 Sep	10 j 04:37	24°♍33'50	
	-303 Sep	13 j 16:29	0°♎	
greatest brilliancy	-303 Oct	04 j 12:23	29°♎13'49	-0.2m
	-303 Oct	05 j 03:40	0°♏	
evening max el	-303 Oct	09 j 21:33	5°♏16'26	23°01'35
retrograde	-303 Oct	20 j 00:51	11°♏17'15	
evening set	-303 Oct	24 j 19:33	9°♏20'25	
asc. node	-303 Oct	28 j 07:11	5°♏32'13	
inferior conj	-303 Oct	30 j 04:56	2°♏57'27	0°39'14
minimum elong	-303 Oct	30 j 04:01	3°♏00'36	0°38'50
min. Earth dist.	-303 Oct	29 j 22:23	3°♏20'00	0.67651 AU
	-303 Nov	01 j 10:04	30°℞♎	
morning rise	-303 Nov	04 j 12:30	26°♎45'09	
direct	-303 Nov	08 j 19:26	25°♎04'04	
	-303 Nov	17 j 09:45	0°♏	
morning max el	-303 Nov	17 j 16:37	0°♏17'11	21°37'33
greatest brilliancy	-303 Nov	22 j 15:59	5°♏57'12	-0.4m
desc. node	-303 Dec	07 j 03:51	26°♏07'20	
	-303 Dec	09 j 18:04	0°♐	
morning set	-303 Dec	19 j 09:45	14°♐55'36	
max. Earth dist.	-303 Dec	26 j 04:45	25°♐55'46	1.41799 AU
	-303 Dec	28 j 15:19	0°♑	
superior conj	-302 Jan	02 j 17:51	8°♑44'13	-2°-1'-10
minimum elong	-302 Jan	02 j 16:56	8°♑40'13	2°01'10
evening rise	-302 Jan	13 j 16:03	28°♑22'07	
	-302 Jan	14 j 13:25	0°♒	
asc. node	-302 Jan	24 j 06:31	16°♒54'57	
evening max el	-302 Jan	30 j 02:30	24°♒27'39	18°10'24
retrograde	-302 Feb	05 j 22:35	27°♒55'31	
evening set	-302 Feb	08 j 12:40	27°♒26'19	
inferior conj	-302 Feb	15 j 08:45	22°♒33'39	3°43'18
minimum elong	-302 Feb	15 j 10:31	22°♒29'33	3°43'09
min. Earth dist.	-302 Feb	18 j 15:06	19°♒34'19	0.60536 AU
morning rise	-302 Feb	22 j 05:20	16°♒48'54	
direct	-302 Feb	28 j 22:48	14°♒39'05	
desc. node	-302 Mar	05 j 03:01	15°♒25'32	
morning max el	-302 Mar	15 j 04:29	22°♒27'13	27°33'06
	-302 Mar	21 j 20:53	0°♓	
	-302 Apr	09 j 20:50	0°♈	
morning set	-302 Apr	16 j 01:41	12°♈15'10	
asc. node	-302 Apr	22 j 05:50	25°♈25'18	
max. Earth dist.	-302 Apr	22 j 10:23	25°♈50'08	1.32392 AU
superior conj	-302 Apr	23 j 07:35	27°♈46'10	0°11'21
minimum elong	-302 Apr	23 j 07:05	27°♈43'21	0°11'15

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

behind sun begin	-302 Apr 23 j 03:30	27°♈23'49	
behind sun end	-302 Apr 23 j 10:39	28°♈02'53	
	-302 Apr 24 j 08:01	0°♉	
evening rise	-302 Apr 30 j 06:15	12°♉49'50	
	-302 May 08 j 23:36	0°♊	
evening max el	-302 May 27 j 08:03	25°♊38'46	25°26'04
desc. node	-302 Jun 01 j 02:18	29°♊33'17	
	-302 Jun 01 j 18:37	0°♋	
retrograde	-302 Jun 10 j 09:04	2°♋49'13	
evening set	-302 Jun 16 j 01:10	1°♋33'47	
	-302 Jun 19 j 00:46	30°℞♊	
min. Earth dist.	-302 Jun 20 j 20:00	28°♊50'37	0.58052 AU
inferior conj	-302 Jun 24 j 00:48	26°♊36'25	-4°-40'-25
minimum elong	-302 Jun 23 j 23:03	26°♊39'29	4°40'21
morning rise	-302 Jul 02 j 00:48	22°♊19'22	
direct	-302 Jul 04 j 13:13	21°♊59'50	
morning max el	-302 Jul 13 j 00:49	25°♊59'04	18°52'02
	-302 Jul 16 j 14:39	0°♋	
asc. node	-302 Jul 19 j 05:01	3°♋40'16	
morning set	-302 Jul 29 j 13:04	22°♋17'34	
	-302 Aug 02 j 11:13	0°♌	
superior conj	-302 Aug 07 j 03:07	9°♌01'35	1°45'59
minimum elong	-302 Aug 07 j 04:17	9°♌07'06	1°45'58
max. Earth dist.	-302 Aug 14 j 00:47	21°♌45'58	1.39037 AU
evening rise	-302 Aug 18 j 00:17	28°♌43'25	
	-302 Aug 18 j 18:13	0°♍	
desc. node	-302 Aug 28 j 01:38	15°♍07'25	
	-302 Sep 07 j 03:23	0°♎	
evening max el	-302 Sep 22 j 09:55	18°♎49'15	24°21'31
retrograde	-302 Oct 03 j 15:36	25°♎24'23	
evening set	-302 Oct 09 j 00:34	23°♎09'35	
inferior conj	-302 Oct 14 j 11:10	16°♎45'52	0°-14'-42
minimum elong	-302 Oct 14 j 11:32	16°♎44'40	0°14'35
transit middle	-302 Oct 14 j 11:32	16°♎44'40	0°14'35
transit begin	-302 Oct 14 j 10:19	16°♎48'45	
transit end	-302 Oct 14 j 12:45	16°♎40'35	
min. Earth dist.	-302 Oct 13 j 18:16	17°♎42'43	0.67432 AU
asc. node	-302 Oct 15 j 04:13	15°♎48'52	
morning rise	-302 Oct 19 j 22:49	10°♎38'55	
direct	-302 Oct 23 j 16:34	9°♎18'52	
morning max el	-302 Oct 31 j 13:46	13°♎52'22	20°22'19
greatest brilliancy	-302 Nov 07 j 02:31	21°♎42'19	-0.5m
	-302 Nov 13 j 00:35	0°♏	
desc. node	-302 Nov 24 j 00:52	16°♏28'46	
morning set	-302 Nov 28 j 08:07	23°♏05'59	
	-302 Dec 02 j 18:18	0°♐	
max. Earth dist.	-302 Dec 08 j 12:17	9°♐07'57	1.43488 AU
superior conj	-302 Dec 14 j 12:37	18°♐56'01	-1°-49'-47
minimum elong	-302 Dec 14 j 06:55	18°♐32'27	1°49'26
	-302 Dec 21 j 02:34	0°♑	
evening rise	-302 Dec 27 j 03:17	10°♑25'47	
	-301 Jan 07 j 17:08	0°♒	
asc. node	-301 Jan 11 j 03:33	4°♒50'07	
evening max el	-301 Jan 13 j 14:33	7°♒38'34	18°09'44
retrograde	-301 Jan 20 j 02:54	11°♒04'43	
evening set	-301 Jan 22 j 21:11	10°♒26'31	
inferior conj	-301 Jan 29 j 05:24	5°♒12'58	3°51'09
minimum elong	-301 Jan 29 j 04:59	5°♒14'04	3°51'08
min. Earth dist.	-301 Jan 31 j 23:46	2°♒19'58	0.62566 AU
	-301 Feb 03 j 12:03	30°℞♑	
morning rise	-301 Feb 04 j 10:40	29°♑15'15	
direct	-301 Feb 11 j 10:34	26°♑37'41	
desc. node	-301 Feb 20 j 00:03	29°♑52'37	
	-301 Feb 20 j 04:14	0°♒	
morning max el	-301 Feb 25 j 09:50	4°♒29'53	27°46'47
	-301 Mar 16 j 12:45	0°♓	
morning set	-301 Mar 31 j 03:45	26°♓38'35	
	-301 Apr 01 j 19:12	0°♈	
max. Earth dist.	-301 Apr 05 j 18:56	8°♈23'56	1.32772 AU
superior conj	-301 Apr 07 j 17:01	12°♈32'08	0°-14'-52
minimum elong	-301 Apr 07 j 17:43	12°♈35'56	0°14'43
behind sun begin	-301 Apr 07 j 15:45	12°♈25'20	
behind sun end	-301 Apr 07 j 19:40	12°♈46'32	
asc. node	-301 Apr 09 j 02:53	15°♈35'48	
evening rise	-301 Apr 14 j 18:00	27°♈43'50	
	-301 Apr 15 j 19:56	0°♉	
	-301 May 03 j 07:17	0°♊	
evening max el	-301 May 08 j 23:00	6°♊21'53	23°56'17
desc. node	-301 May 18 j 23:18	12°♊44'44	
retrograde	-301 May 22 j 18:03	13°♊17'21	
evening set	-301 May 27 j 00:05	12°♊37'19	
min. Earth dist.	-301 Jun 02 j 10:05	9°♊32'45	0.56314 AU
inferior conj	-301 Jun 04 j 19:38	8°♊04'25	-4°-4'-52
minimum elong	-301 Jun 04 j 13:32	8°♊13'50	4°03'43
morning rise	-301 Jun 13 j 06:40	4°♊04'50	
direct	-301 Jun 15 j 21:48	3°♊46'56	
morning max el	-301 Jun 25 j 20:02	8°♊22'45	19°51'40
asc. node	-301 Jul 06 j 02:06	22°♊19'09	
	-301 Jul 10 j 06:00	0°♋	
morning set	-301 Jul 13 j 15:49	6°♋45'25	
superior conj	-301 Jul 21 j 13:51	22°♋47'05	1°46'33
minimum elong	-301 Jul 21 j 13:10	22°♋43'40	1°46'33
	-301 Jul 25 j 06:12	0°♌	
max. Earth dist.	-301 Jul 27 j 04:35	3°♌41'02	1.37088 AU
evening rise	-301 Jul 31 j 02:15	10°♌53'06	
	-301 Aug 11 j 09:49	0°♍	
desc. node	-301 Aug 14 j 22:40	5°♍28'05	
	-301 Sep 02 j 12:32	0°♎	
evening max el	-301 Sep 04 j 21:25	2°♎26'06	25°35'25
retrograde	-301 Sep 17 j 01:52	9°♎25'58	
evening set	-301 Sep 23 j 01:36	6°♎55'18	
min. Earth dist.	-301 Sep 27 j 11:06	2°♎04'12	0.66898 AU
inferior conj	-301 Sep 28 j 14:51	0°♎35'04	-1°-10'-23
minimum elong	-301 Sep 28 j 16:37	0°♎29'23	1°09'40
	-301 Sep 29 j 01:48	30°℞♍	
asc. node	-301 Oct 02 j 01:16	26°♍30'44	
morning rise	-301 Oct 04 j 08:20	24°♍36'20	
direct	-301 Oct 07 j 15:00	23°♍34'13	
morning max el	-301 Oct 14 j 18:27	27°♍37'01	19°20'33
	-301 Oct 16 j 22:20	0°♎	
greatest brilliancy	-301 Oct 24 j 13:04	10°♎20'18	-0.7m
	-301 Nov 06 j 09:28	0°♏	
morning set	-301 Nov 07 j 09:38	1°♏33'57	
desc. node	-301 Nov 10 j 21:56	7°♏02'17	
max. Earth dist.	-301 Nov 21 j 02:25	23°♏01'01	1.44610 AU
superior conj	-301 Nov 24 j 05:14	27°♏57'35	-1°-20'-9
minimum elong	-301 Nov 23 j 21:00	27°♏24'53	1°19'19
	-301 Nov 25 j 11:56	0°♐	
evening rise	-301 Dec 08 j 17:47	21°♐34'20	
	-301 Dec 13 j 19:32	0°♑	
evening max el	-301 Dec 28 j 02:55	20°♑59'52	18°27'50
asc. node	-301 Dec 29 j 00:34	21°♑52'07	
retrograde	-300 Jan 03 j 16:19	24°♑36'05	
evening set	-300 Jan 06 j 15:27	23°♑47'41	
inferior conj	-300 Jan 12 j 14:49	18°♑14'52	3°39'48
minimum elong	-300 Jan 12 j 12:52	18°♑20'31	3°39'34
min. Earth dist.	-300 Jan 14 j 18:00	15°♑46'34	0.64327 AU
morning rise	-300 Jan 18 j 08:55	12°♑08'57	
direct	-300 Jan 25 j 05:52	9°♑18'36	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-300 Feb 06 j 21:06	16°♉14'09	
morning max el	-300 Feb 07 j 18:33	17°♉06'37	27°24'36
	-300 Feb 18 j 12:59	0°♒	
	-300 Mar 08 j 07:53	0°♓	
morning set	-300 Mar 13 j 21:47	10°♓33'54	
max. Earth dist.	-300 Mar 18 j 19:45	20°♓29'23	1.33575 AU
superior conj	-300 Mar 21 j 22:37	27°♓02'09	0°-41'-37
minimum elong	-300 Mar 22 j 00:37	27°♓12'43	0°41'13
	-300 Mar 23 j 08:03	0°♈	
asc. node	-300 Mar 25 j 23:55	5°♈41'25	
evening rise	-300 Mar 29 j 05:15	12°♈31'31	
	-300 Apr 07 j 05:07	0°♉	
evening max el	-300 Apr 19 j 15:33	16°♉58'04	22°21'08
retrograde	-300 May 02 j 14:00	23°♉19'42	
desc. node	-300 May 04 j 20:19	23°♉08'20	
evening set	-300 May 05 j 12:46	23°♉00'34	
min. Earth dist.	-300 May 13 j 22:52	19°♉22'52	0.55230 AU
inferior conj	-300 May 14 j 21:01	18°♉51'33	-2°-44'-1
minimum elong	-300 May 14 j 14:14	19°♉01'09	2°41'59
morning rise	-300 May 23 j 17:42	14°♉57'33	
direct	-300 May 26 j 14:18	14°♉38'58	
morning max el	-300 Jun 07 j 04:04	20°♉03'18	21°11'18
	-300 Jun 15 j 06:31	0°♊	
asc. node	-300 Jun 21 j 23:11	11°♊30'05	
morning set	-300 Jun 26 j 23:35	21°♊29'34	
	-300 Jul 01 j 01:30	0°♋	
superior conj	-300 Jul 04 j 10:55	7°♋04'09	1°39'44
minimum elong	-300 Jul 04 j 09:02	6°♋54'22	1°39'35
max. Earth dist.	-300 Jul 08 j 14:56	15°♋32'08	1.35394 AU
evening rise	-300 Jul 12 j 23:16	23°♋58'45	
	-300 Jul 16 j 05:17	0°♌	
desc. node	-300 Jul 31 j 19:41	25°♌28'41	
	-300 Aug 04 j 00:01	0°♍	
evening max el	-300 Aug 17 j 09:20	16°♍01'53	26°35'34
retrograde	-300 Aug 30 j 07:01	23°♍15'35	
evening set	-300 Sep 05 j 20:32	20°♍33'49	
min. Earth dist.	-300 Sep 09 j 22:22	16°♍20'21	0.66019 AU
inferior conj	-300 Sep 11 j 14:01	14°♍21'13	-2°-6'-6
minimum elong	-300 Sep 11 j 17:11	14°♍11'41	2°04'54
morning rise	-300 Sep 17 j 14:58	8°♍34'03	
asc. node	-300 Sep 17 j 22:20	8°♍24'32	
direct	-300 Sep 20 j 12:53	7°♍46'14	
morning max el	-300 Sep 27 j 05:19	11°♍27'44	18°34'28
	-300 Oct 10 j 09:55	0°♎	
morning set	-300 Oct 17 j 10:46	11°♎15'44	
desc. node	-300 Oct 27 j 18:59	27°♎43'39	
	-300 Oct 29 j 05:32	0°♏	
superior conj	-300 Nov 02 j 06:16	6°♏20'51	0°-35'-18
minimum elong	-300 Nov 02 j 01:38	6°♏02'41	0°34'42
max. Earth dist.	-300 Nov 02 j 20:45	7°♏17'50	1.45026 AU
	-300 Nov 17 j 06:23	0°♐	
evening rise	-300 Nov 18 j 08:38	1°♐44'05	
	-300 Dec 06 j 19:23	0°♑	
evening max el	-300 Dec 10 j 13:07	4°♑26'24	19°03'34
asc. node	-300 Dec 14 j 21:36	7°♑46'47	
retrograde	-300 Dec 17 j 11:13	8°♑22'57	
evening set	-300 Dec 20 j 16:28	7°♑22'52	
inferior conj	-300 Dec 26 j 09:30	1°♑33'09	3°14'47
minimum elong	-300 Dec 26 j 06:48	1°♑41'38	3°14'11
	-300 Dec 27 j 15:05	30°℞♐	
min. Earth dist.	-300 Dec 27 j 21:33	29°♐39'51	0.65711 AU
morning rise	-300 Dec 31 j 20:13	25°♐21'51	
direct	-299 Jan 07 j 07:26	22°♐33'15	
morning max el	-299 Jan 20 j 04:13	0°♑06'34	26°32'21
	-299 Jan 20 j 01:35	0°♑	
desc. node	-299 Jan 23 j 18:10	3°♑57'56	
	-299 Feb 11 j 11:25	0°♒	
morning set	-299 Feb 25 j 04:16	23°♒50'30	
	-299 Feb 28 j 09:06	0°♓	
max. Earth dist.	-299 Mar 01 j 09:53	2°♓01'58	1.34827 AU
superior conj	-299 Mar 05 j 22:12	11°♓09'32	-1°-7'-39
minimum elong	-299 Mar 06 j 01:20	11°♓25'41	1°07'08
asc. node	-299 Mar 12 j 20:59	25°♓38'08	
evening rise	-299 Mar 13 j 14:08	27°♓06'58	
	-299 Mar 14 j 23:53	0°♈	
evening max el	-299 Apr 01 j 16:07	27°♈55'32	20°53'56
	-299 Apr 04 j 01:40	0°♉	
retrograde	-299 Apr 13 j 03:06	3°♉27'46	
evening set	-299 Apr 15 j 09:04	3°♉15'48	
desc. node	-299 Apr 21 j 17:21	0°♉54'27	
	-299 Apr 23 j 09:31	30°℞♈	
inferior conj	-299 Apr 24 j 15:15	29°♈17'59	0°-49'-59
minimum elong	-299 Apr 24 j 12:53	29°♈21'21	0°49'09
min. Earth dist.	-299 Apr 25 j 11:53	28°♈48'39	0.55047 AU
morning rise	-299 May 03 j 15:52	25°♈11'30	
direct	-299 May 07 j 00:54	24°♈46'54	
	-299 May 18 j 21:49	0°♉	
morning max el	-299 May 20 j 01:53	1°♉03'07	22°46'24
	-299 Jun 08 j 07:18	0°♊	
asc. node	-299 Jun 08 j 20:16	1°♊05'01	
morning set	-299 Jun 11 j 10:20	6°♊24'02	
superior conj	-299 Jun 18 j 15:03	21°♊43'02	1°27'07
minimum elong	-299 Jun 18 j 12:36	21°♊30'01	1°26'49
max. Earth dist.	-299 Jun 21 j 10:45	27°♊39'31	1.34060 AU
	-299 Jun 22 j 13:52	0°♋	
evening rise	-299 Jun 26 j 10:32	7°♋46'56	
	-299 Jul 08 j 18:09	0°♌	
desc. node	-299 Jul 18 j 16:42	15°♌00'31	
evening max el	-299 Jul 30 j 21:09	29°♌26'39	27°14'18
	-299 Jul 31 j 11:16	0°♍	
retrograde	-299 Aug 13 j 06:35	6°♍45'50	
evening set	-299 Aug 20 j 06:48	4°♍01'03	
min. Earth dist.	-299 Aug 24 j 01:42	0°♍24'55	0.64774 AU
	-299 Aug 24 j 10:53	30°℞♌	
inferior conj	-299 Aug 26 j 06:23	27°♌59'48	-2°-59'-34
minimum elong	-299 Aug 26 j 10:40	27°♌47'57	2°58'11
morning rise	-299 Sep 01 j 16:13	22°♌27'39	
direct	-299 Sep 04 j 07:47	21°♌50'40	
asc. node	-299 Sep 04 j 19:26	21°♌51'55	
morning max el	-299 Sep 10 j 20:01	25°♌19'46	18°05'10
	-299 Sep 14 j 17:24	0°♍	
morning set	-299 Sep 28 j 16:26	22°♍21'07	
	-299 Oct 03 j 06:32	0°♎	
superior conj	-299 Oct 12 j 13:15	15°♎06'43	0°13'55
minimum elong	-299 Oct 12 j 14:56	15°♎13'26	0°13'40
behind sun begin	-299 Oct 12 j 09:08	14°♎50'13	
behind sun end	-299 Oct 12 j 20:43	15°♎36'38	
desc. node	-299 Oct 14 j 16:01	18°♎29'19	
max. Earth dist.	-299 Oct 16 j 15:42	21°♎38'24	1.44699 AU
	-299 Oct 21 j 23:22	0°♏	
evening rise	-299 Oct 29 j 01:49	11°♏02'12	
	-299 Nov 10 j 11:26	0°♐	
greatest brilliancy	-299 Nov 16 j 12:05	8°♐47'17	-0.6m
evening max el	-299 Nov 23 j 18:59	17°♐54'08	19°55'18
retrograde	-299 Dec 01 j 08:35	22°♐19'40	
asc. node	-299 Dec 01 j 18:39	22°♐18'40	
evening set	-299 Dec 04 j 21:42	21°♐06'09	
inferior conj	-299 Dec 10 j 10:27	15°♐02'31	2°39'42

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-299 Dec 10 j 07:40	15°♐11'47	2°38'52
min. Earth dist.	-299 Dec 11 j 08:51	13°♐48'03	0.66709 AU
morning rise	-299 Dec 15 j 17:01	8°♐47'53	
direct	-299 Dec 21 j 14:37	6°♐12'00	
morning max el	-298 Jan 02 j 13:11	13°♐17'53	25°18'24
desc. node	-298 Jan 10 j 15:13	22°♐39'07	
	-298 Jan 16 j 02:38	0°♑	
	-298 Feb 04 j 05:53	0°♒	
morning set	-298 Feb 07 j 18:13	6°♒13'00	
max. Earth dist.	-298 Feb 11 j 12:34	13°♒08'22	1.36514 AU
superior conj	-298 Feb 17 j 12:49	24°♒44'51	-1°-31'-17
minimum elong	-298 Feb 17 j 16:36	25°♒03'39	1°30'49
	-298 Feb 20 j 03:50	0°♓	
evening rise	-298 Feb 25 j 18:26	11°♓22'12	
asc. node	-298 Feb 27 j 18:00	15°♓20'17	
	-298 Mar 07 j 19:21	0°♈	
evening max el	-298 Mar 15 j 03:45	9°♈28'54	19°42'52
retrograde	-298 Mar 24 j 21:43	14°♈09'26	
evening set	-298 Mar 27 j 00:51	13°♈57'01	
inferior conj	-298 Apr 04 j 16:50	9°♈54'02	1°05'25
minimum elong	-298 Apr 04 j 19:32	9°♈49'46	1°04'31
min. Earth dist.	-298 Apr 07 j 02:09	8°♈24'29	0.55806 AU
desc. node	-298 Apr 08 j 14:23	7°♈30'47	
morning rise	-298 Apr 13 j 10:52	5°♈18'18	
direct	-298 Apr 17 j 18:11	4°♈37'00	
morning max el	-298 May 01 j 17:34	11°♈37'02	24°27'17
	-298 May 15 j 16:28	0°♉	
morning set	-298 May 26 j 22:17	21°♉22'49	
asc. node	-298 May 26 j 17:19	20°♉56'44	
	-298 May 30 j 22:50	0°♊	
superior conj	-298 Jun 02 j 23:39	6°♊35'18	1°09'58
minimum elong	-298 Jun 02 j 21:13	6°♊22'05	1°09'35
max. Earth dist.	-298 Jun 04 j 15:10	10°♊08'43	1.33112 AU
evening rise	-298 Jun 10 j 07:56	22°♊05'35	
	-298 Jun 14 j 08:05	0°♋	
	-298 Jul 02 j 15:06	0°♌	
desc. node	-298 Jul 05 j 13:44	3°♌51'29	
evening max el	-298 Jul 13 j 07:04	12°♌28'00	27°25'08
retrograde	-298 Jul 27 j 00:18	19°♌47'45	
evening set	-298 Aug 03 j 05:09	17°♌11'49	
min. Earth dist.	-298 Aug 06 j 19:25	14°♌08'06	0.63163 AU
inferior conj	-298 Aug 09 j 13:16	11°♌25'01	-3°-47'-31
minimum elong	-298 Aug 09 j 17:58	11°♌13'19	3°46'22
morning rise	-298 Aug 16 j 09:05	6°♌11'10	
direct	-298 Aug 18 j 20:47	5°♌41'52	
asc. node	-298 Aug 22 j 16:30	6°♌52'04	
morning max el	-298 Aug 25 j 11:44	9°♌07'06	17°53'32
	-298 Sep 08 j 07:32	0°♍	
morning set	-298 Sep 10 j 22:25	4°♍36'16	
superior conj	-298 Sep 22 j 19:38	25°♍03'33	0°55'48
minimum elong	-298 Sep 23 j 00:31	25°♍23'57	0°55'11
	-298 Sep 25 j 19:19	0°♎	
max. Earth dist.	-298 Sep 29 j 07:35	5°♎42'19	1.43681 AU
desc. node	-298 Oct 01 j 13:03	9°♎16'22	
evening rise	-298 Oct 08 j 08:35	19°♎57'43	
	-298 Oct 14 j 22:12	0°♏	
greatest brilliancy	-298 Nov 01 j 08:22	24°♏58'21	-0.5m
	-298 Nov 05 j 12:23	0°♐	
evening max el	-298 Nov 06 j 19:16	1°♐22'24	21°00'35
retrograde	-298 Nov 15 j 06:09	6°♐23'19	
asc. node	-298 Nov 18 j 15:42	5°♐17'58	
evening set	-298 Nov 19 j 05:06	4°♐54'25	
	-298 Nov 23 j 15:59	30°℞♏	
inferior conj	-298 Nov 24 j 15:21	28°♏40'21	1°57'09
minimum elong	-298 Nov 24 j 13:00	28°♏48'28	1°56'17
min. Earth dist.	-298 Nov 25 j 01:45	28°♏04'42	0.67340 AU
morning rise	-298 Nov 29 j 20:30	22°♏24'35	
direct	-298 Dec 05 j 02:56	20°♏08'02	
morning max el	-298 Dec 15 j 21:47	26°♏34'00	23°52'46
	-298 Dec 19 j 02:02	0°♐	
desc. node	-298 Dec 28 j 12:15	12°♐01'27	
	-297 Jan 09 j 17:26	0°♑	
morning set	-297 Jan 20 j 09:37	17°♑25'31	
max. Earth dist.	-297 Jan 24 j 07:57	24°♑16'32	1.38532 AU
	-297 Jan 27 j 12:14	0°♒	
superior conj	-297 Jan 31 j 14:52	7°♒38'49	-1°-50'-2
minimum elong	-297 Jan 31 j 18:16	7°♒54'57	1°49'47
evening rise	-297 Feb 09 j 15:40	25°♒10'36	
	-297 Feb 12 j 03:17	0°♓	
asc. node	-297 Feb 14 j 15:01	4°♓42'27	
evening max el	-297 Feb 26 j 01:51	21°♓39'36	18°51'13
retrograde	-297 Mar 06 j 07:53	25°♓39'02	
evening set	-297 Mar 08 j 14:49	25°♓21'50	
inferior conj	-297 Mar 16 j 12:25	21°♓02'51	2°34'05
minimum elong	-297 Mar 16 j 16:49	20°♓54'50	2°32'56
min. Earth dist.	-297 Mar 19 j 18:40	18°♓41'52	0.57342 AU
morning rise	-297 Mar 24 j 14:37	15°♓54'26	
desc. node	-297 Mar 26 j 11:25	15°♓13'57	
direct	-297 Mar 30 j 01:12	14°♓42'42	
morning max el	-297 Apr 13 j 08:54	22°♓11'01	25°59'31
	-297 Apr 20 j 06:14	0°♈	
	-297 May 08 j 07:52	0°♉	
morning set	-297 May 11 j 09:48	6°♉20'09	
asc. node	-297 May 13 j 14:20	10°♉59'43	
superior conj	-297 May 18 j 10:43	21°♉34'00	0°49'16
minimum elong	-297 May 18 j 08:45	21°♉23'12	0°48'54
max. Earth dist.	-297 May 19 j 01:30	22°♉54'56	1.32546 AU
	-297 May 22 j 07:46	0°♊	
evening rise	-297 May 25 j 12:20	6°♊44'45	
	-297 Jun 06 j 21:04	0°♋	
desc. node	-297 Jun 22 j 10:44	21°♋44'09	
evening max el	-297 Jun 25 j 12:50	24°♋53'52	27°03'40
	-297 Jul 02 j 03:46	0°♌	
retrograde	-297 Jul 09 j 11:10	2°♌11'17	
evening set	-297 Jul 16 j 11:21	29°♋58'26	
	-297 Jul 16 j 10:21	30°℞♋	
min. Earth dist.	-297 Jul 20 j 02:56	27°♋15'55	0.61254 AU
inferior conj	-297 Jul 23 j 07:25	24°♋28'45	-4°-24'-43
minimum elong	-297 Jul 23 j 11:10	24°♋20'30	4°24'12
morning rise	-297 Jul 30 j 13:56	19°♋35'53	
direct	-297 Aug 02 j 00:15	19°♋11'42	
morning max el	-297 Aug 09 j 01:29	22°♋41'52	18°00'30
asc. node	-297 Aug 09 j 13:33	23°♋12'03	
	-297 Aug 14 j 18:53	0°♌	
morning set	-297 Aug 24 j 22:38	17°♌43'36	
	-297 Aug 31 j 15:44	0°♍	
superior conj	-297 Sep 04 j 05:17	6°♍20'33	1°25'02
minimum elong	-297 Sep 04 j 09:45	6°♍40'08	1°24'36
max. Earth dist.	-297 Sep 11 j 18:15	19°♍13'10	1.42113 AU
evening rise	-297 Sep 17 j 22:53	29°♍16'35	
desc. node	-297 Sep 18 j 10:05	0°♎01'01	
	-297 Sep 18 j 09:50	0°♎	
	-297 Oct 08 j 13:44	0°♏	
greatest brilliancy	-297 Oct 15 j 20:28	9°♏31'58	-0.3m
evening max el	-297 Oct 20 j 13:52	14°♏51'18	22°15'51
retrograde	-297 Oct 30 j 01:58	20°♏30'25	
evening set	-297 Nov 03 j 12:52	18°♏44'20	
asc. node	-297 Nov 05 j 12:44	16°♏47'44	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-297 Nov 08 j 22:10	12°♏23'37	1°08'58	
minimum elong	-297 Nov 08 j 20:38	12°♏28'56	1°08'20	
min. Earth dist.	-297 Nov 08 j 21:41	12°♏25'16	0.67631 AU	
morning rise	-297 Nov 14 j 04:14	6°♏09'10		
direct	-297 Nov 18 j 19:32	4°♏14'54		
morning max el	-297 Nov 28 j 08:41	9°♏54'15	22°25'19	
greatest brilliancy	-297 Dec 02 j 23:51	15°♏06'04	-0.3m	
	-297 Dec 14 j 02:02	0°♐		
desc. node	-297 Dec 15 j 09:18	1°♐52'51		
morning set	-297 Dec 31 j 20:46	27°♐14'17		
	-296 Jan 02 j 13:16	0°♑		
max. Earth dist.	-296 Jan 06 j 04:13	6°♑02'51	1.40652 AU	
superior conj	-296 Jan 13 j 23:38	19°♑39'50	-2°00'-32	
minimum elong	-296 Jan 14 j 00:55	19°♑45'34	2°00'31	
	-296 Jan 19 j 15:07	0°♒		
evening rise	-296 Jan 24 j 02:46	8°♒24'44		
asc. node	-296 Feb 01 j 12:02	23°♒38'01		
	-296 Feb 05 j 15:30	0°♓		
evening max el	-296 Feb 09 j 07:51	4°♓20'54	18°19'37	
retrograde	-296 Feb 16 j 12:48	7°♓55'22		
evening set	-296 Feb 19 j 00:33	7°♓30'50		
inferior conj	-296 Feb 26 j 05:02	2°♓50'54	3°27'14	
minimum elong	-296 Feb 26 j 08:07	2°♓44'21	3°26'45	
min. Earth dist.	-296 Feb 29 j 15:09	29°♒58'27	0.59332 AU	
	-296 Feb 29 j 14:22	30°R♒		
morning rise	-296 Mar 04 j 12:06	27°♒17'11		
direct	-296 Mar 10 j 21:22	25°♒27'43		
desc. node	-296 Mar 12 j 08:26	25°♒33'19		
	-296 Mar 21 j 14:42	0°♓		
morning max el	-296 Mar 25 j 04:43	3°♓10'36	27°08'22	
	-296 Apr 13 j 17:13	0°♈		
morning set	-296 Apr 24 j 19:14	21°♈10'18		
	-296 Apr 28 j 22:37	0°♉		
asc. node	-296 Apr 29 j 11:22	1°♉09'21		
superior conj	-296 May 01 j 22:29	6°♉33'00	0°25'49	
minimum elong	-296 May 01 j 21:21	6°♉26'48	0°25'35	
max. Earth dist.	-296 May 01 j 14:20	5°♉48'12	1.32346 AU	
evening rise	-296 May 08 j 21:14	21°♉36'09		
	-296 May 12 j 23:55	0°♊		
	-296 May 31 j 12:30	0°♋		
evening max el	-296 Jun 06 j 12:26	6°♋36'28	26°09'44	
desc. node	-296 Jun 08 j 07:44	8°♋14'28		
retrograde	-296 Jun 20 j 13:25	13°♋49'44		
evening set	-296 Jun 26 j 20:54	12°♋12'03		
min. Earth dist.	-296 Jul 01 j 01:18	9°♋34'09	0.59205 AU	
inferior conj	-296 Jul 04 j 09:19	7°♋02'13	-4°-43'00	
minimum elong	-296 Jul 04 j 10:07	7°♋00'41	4°43'00	
morning rise	-296 Jul 12 j 02:50	2°♋31'56		
direct	-296 Jul 14 j 14:05	2°♋10'58		
morning max el	-296 Jul 22 j 10:16	5°♋56'10	18°27'14	
asc. node	-296 Jul 26 j 10:36	10°♋36'55		
	-296 Aug 06 j 17:17	0°♌		
morning set	-296 Aug 07 j 12:04	1°♌30'00		
superior conj	-296 Aug 16 j 14:24	18°♌47'25	1°41'31	
minimum elong	-296 Aug 16 j 16:50	18°♌58'39	1°41'23	
	-296 Aug 22 j 19:40	0°♍		
max. Earth dist.	-296 Aug 23 j 23:54	2°♍02'55	1.40203 AU	
evening rise	-296 Aug 28 j 10:39	9°♍36'05		
desc. node	-296 Sep 04 j 07:06	20°♍39'47		
	-296 Sep 10 j 09:47	0°♎		
evening max el	-296 Oct 02 j 04:03	28°♎22'39	23°35'53	
	-296 Oct 03 j 20:53	0°♏		
retrograde	-296 Oct 12 j 18:43	4°♏38'22		
evening set	-296 Oct 17 j 19:21	2°♏33'59		
	-296 Oct 20 j 07:08	30°R♎		
asc. node	-296 Oct 22 j 09:47	27°♎16'21		
inferior conj	-296 Oct 23 j 05:07	26°♎10'26	0°16'41	
minimum elong	-296 Oct 23 j 04:43	26°♎11'48	0°16'30	
min. Earth dist.	-296 Oct 22 j 18:15	26°♎47'32	0.67600 AU	
morning rise	-296 Oct 28 j 14:10	20°♎00'02		
direct	-296 Nov 01 j 15:23	18°♎27'57		
morning max el	-296 Nov 10 j 01:27	23°♎22'52	21°04'04	
greatest brilliancy	-296 Nov 15 j 13:36	29°♎46'26	-0.5m	
	-296 Nov 15 j 17:50	0°♏		
desc. node	-296 Dec 01 j 06:21	22°♏05'04		
	-296 Dec 06 j 11:08	0°♐		
morning set	-296 Dec 10 j 04:36	5°♐47'15		
max. Earth dist.	-296 Dec 18 j 07:40	18°♐46'22	1.42580 AU	
superior conj	-296 Dec 25 j 09:40	0°♑34'29	-1°-58'-27	
minimum elong	-296 Dec 25 j 06:45	0°♑22'07	1°58'22	
	-296 Dec 25 j 01:33	0°♑		
evening rise	-295 Jan 05 j 23:56	20°♑56'30		
	-295 Jan 11 j 01:37	0°♒		
asc. node	-295 Jan 18 j 09:04	11°♒58'12		
evening max el	-295 Jan 22 j 18:34	17°♒23'19	18°07'46	
retrograde	-295 Jan 29 j 09:58	20°♒48'34		
evening set	-295 Feb 01 j 01:57	20°♒15'30		
inferior conj	-295 Feb 07 j 16:33	15°♒13'38	3°49'23	
minimum elong	-295 Feb 07 j 17:21	15°♒11'42	3°49'21	
min. Earth dist.	-295 Feb 10 j 18:26	12°♒14'37	0.61427 AU	
morning rise	-295 Feb 14 j 06:11	9°♒22'56		
direct	-295 Feb 21 j 03:48	6°♒59'53		
desc. node	-295 Feb 27 j 05:29	8°♒38'12		
morning max el	-295 Mar 07 j 06:50	14°♒49'35	27°43'30	
	-295 Mar 19 j 14:22	0°♓		
	-295 Apr 06 j 03:52	0°♈		
morning set	-295 Apr 09 j 00:38	5°♈45'29		
max. Earth dist.	-295 Apr 15 j 01:44	18°♈33'39	1.32512 AU	
superior conj	-295 Apr 16 j 09:15	21°♈25'10	0°00'23	
minimum elong	-295 Apr 16 j 09:14	21°♈25'05	0°00'23	
behind sun begin	-295 Apr 16 j 04:09	20°♈57'23		
behind sun end	-295 Apr 16 j 14:18	21°♈52'48		
asc. node	-295 Apr 16 j 08:23	21°♈20'29		
	-295 Apr 20 j 07:36	0°♉		
evening rise	-295 Apr 23 j 08:30	6°♉31'08		
	-295 May 05 j 18:15	0°♊		
evening max el	-295 May 19 j 05:30	17°♊36'02	24°49'26	
desc. node	-295 May 26 j 04:44	22°♊49'04		
retrograde	-295 Jun 02 j 04:50	24°♊41'05		
evening set	-295 Jun 07 j 07:19	23°♊41'54		
min. Earth dist.	-295 Jun 12 j 17:01	20°♊51'23	0.57262 AU	
inferior conj	-295 Jun 15 j 15:44	18°♊55'01	-4°-30'-40	
minimum elong	-295 Jun 15 j 11:57	19°♊01'16	4°30'16	
morning rise	-295 Jun 23 j 20:27	14°♊46'15		
direct	-295 Jun 26 j 10:07	14°♊27'24		
morning max el	-295 Jul 05 j 11:05	18°♊40'10	19°14'49	
asc. node	-295 Jul 13 j 07:39	28°♊51'48		
	-295 Jul 14 j 00:15	0°♋		
morning set	-295 Jul 22 j 10:48	15°♋44'42		
	-295 Jul 29 j 14:59	0°♌		
superior conj	-295 Jul 30 j 17:15	2°♌08'03	1°47'15	
minimum elong	-295 Jul 30 j 17:33	2°♌09'33	1°47'15	
max. Earth dist.	-295 Aug 06 j 03:03	14°♌13'28	1.38192 AU	
evening rise	-295 Aug 09 j 23:21	21°♌06'19		
	-295 Aug 15 j 04:39	0°♍		
desc. node	-295 Aug 22 j 04:07	11°♍08'17		
	-295 Sep 04 j 09:37	0°♎		
evening max el	-295 Sep 14 j 15:52	11°♎57'17	24°54'10	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

retrograde	-295 Sep 26 j 07:30	18°♎43'37	
evening set	-295 Oct 01 j 22:55	16°♎21'33	
min. Earth dist.	-295 Oct 06 j 13:02	11°♎09'54	0.67247 AU
inferior conj	-295 Oct 07 j 10:29	9°♎59'03	0°-38'-13
minimum elong	-295 Oct 07 j 11:26	9°♎55'56	0°37'50
asc. node	-295 Oct 09 j 06:51	7°♎36'17	
morning rise	-295 Oct 13 j 00:25	3°♎55'28	
direct	-295 Oct 16 j 13:14	2°♎43'26	
morning max el	-295 Oct 24 j 01:56	7°♎02'13	19°54'19
greatest brilliancy	-295 Oct 31 j 14:37	16°♎19'58	-0.6m
	-295 Nov 09 j 22:37	0°♏	
desc. node	-295 Nov 18 j 03:24	12°♏32'10	
morning set	-295 Nov 19 j 01:13	13°♏56'26	
	-295 Nov 29 j 07:36	0°♐	
max. Earth dist.	-295 Nov 30 j 18:55	2°♐20'21	1.44043 AU
superior conj	-295 Dec 05 j 16:54	10°♐14'43	-1°-39'-28
minimum elong	-295 Dec 05 j 09:32	9°♐44'49	1°38'53
	-295 Dec 17 j 13:50	0°♑	
evening rise	-295 Dec 19 j 02:56	2°♑38'03	
asc. node	-294 Jan 05 j 06:07	29°♑32'36	
	-294 Jan 05 j 16:02	0°♒	
evening max el	-294 Jan 06 j 07:05	0°♒39'26	18°15'09
retrograde	-294 Jan 12 j 18:52	4°♒08'42	
evening set	-294 Jan 15 j 15:07	3°♒26'14	
	-294 Jan 19 j 23:42	30°℞♑	
inferior conj	-294 Jan 21 j 19:11	28°♑03'56	3°48'19
minimum elong	-294 Jan 21 j 18:01	28°♑07'07	3°48'14
min. Earth dist.	-294 Jan 24 j 07:06	25°♑19'57	0.63353 AU
morning rise	-294 Jan 27 j 19:12	22°♑02'11	
direct	-294 Feb 03 j 18:40	19°♑17'41	
desc. node	-294 Feb 14 j 02:33	23°♑58'40	
morning max el	-294 Feb 17 j 14:10	27°♑08'51	27°41'34
	-294 Feb 20 j 07:12	0°♒	
	-294 Mar 13 j 05:35	0°♓	
morning set	-294 Mar 23 j 23:41	19°♓58'17	
	-294 Mar 28 j 20:46	0°♈	
max. Earth dist.	-294 Mar 29 j 07:45	0°♈58'01	1.33069 AU
superior conj	-294 Mar 31 j 17:18	6°♈04'59	0°-26'-11
minimum elong	-294 Mar 31 j 18:33	6°♈11'42	0°25'56
asc. node	-294 Apr 03 j 05:27	11°♈29'17	
evening rise	-294 Apr 07 j 20:18	21°♈23'18	
	-294 Apr 12 j 01:12	0°♉	
evening max el	-294 Apr 30 j 20:02	28°♉11'22	23°15'23
	-294 May 02 j 20:19	0°♊	
desc. node	-294 May 13 j 01:46	4°♊51'37	
retrograde	-294 May 14 j 08:07	4°♊55'15	
evening set	-294 May 17 j 23:54	4°♊25'52	
min. Earth dist.	-294 May 25 j 05:55	1°♊08'48	0.55761 AU
inferior conj	-294 May 27 j 02:18	0°♊03'36	-3°-35'-53
minimum elong	-294 May 26 j 19:15	0°♊14'00	3°34'13
	-294 May 27 j 04:45	30°℞♉	
morning rise	-294 Jun 04 j 17:53	26°♉08'45	
direct	-294 Jun 07 j 10:53	25°♉51'00	
	-294 Jun 17 j 05:06	0°♊	
morning max el	-294 Jun 18 j 01:39	0°♊45'41	20°23'19
asc. node	-294 Jun 30 j 04:43	17°♊44'56	
morning set	-294 Jul 06 j 15:55	0°♋19'50	
	-294 Jul 06 j 12:01	0°♋	
superior conj	-294 Jul 14 j 08:50	16°♋08'08	1°44'27
minimum elong	-294 Jul 14 j 07:33	16°♋01'39	1°44'24
max. Earth dist.	-294 Jul 19 j 08:58	26°♋03'02	1.36325 AU
	-294 Jul 21 j 10:38	0°♌	
evening rise	-294 Jul 23 j 09:58	3°♌40'37	
	-294 Aug 08 j 03:34	0°♍	
desc. node	-294 Aug 09 j 01:08	1°♍20'57	
evening max el	-294 Aug 28 j 03:15	25°♍33'18	26°03'10
	-294 Sep 02 j 10:47	0°♎	
retrograde	-294 Sep 09 j 15:42	2°♎40'43	
evening set	-294 Sep 15 j 21:37	0°♎04'11	
	-294 Sep 15 j 23:35	30°℞♍	
min. Earth dist.	-294 Sep 20 j 03:40	25°♍29'16	0.66564 AU
inferior conj	-294 Sep 21 j 12:28	23°♍46'41	-1°-34'-12
minimum elong	-294 Sep 21 j 14:51	23°♍39'14	1°33'14
asc. node	-294 Sep 26 j 03:56	18°♍43'35	
morning rise	-294 Sep 27 j 08:58	17°♍52'46	
direct	-294 Sep 30 j 11:33	16°♍57'20	
morning max el	-294 Oct 07 j 09:35	20°♍49'59	18°59'01
	-294 Oct 14 j 15:12	0°♎	
morning set	-294 Oct 29 j 11:04	22°♎51'00	
	-294 Nov 03 j 00:15	0°♏	
desc. node	-294 Nov 05 j 00:26	3°♏09'05	
max. Earth dist.	-294 Nov 13 j 11:10	16°♏25'15	1.44868 AU
superior conj	-294 Nov 15 j 00:39	18°♏52'54	-1°-2'-29
minimum elong	-294 Nov 14 j 17:13	18°♏23'35	1°01'37
	-294 Nov 22 j 00:48	0°♐	
evening rise	-294 Nov 30 j 07:33	13°♐21'18	
	-294 Dec 10 j 14:19	0°♑	
evening max el	-294 Dec 20 j 18:44	14°♑02'36	18°40'57
asc. node	-294 Dec 23 j 03:12	16°♑07'27	
retrograde	-294 Dec 27 j 11:08	17°♑46'46	
evening set	-294 Dec 30 j 12:35	16°♑53'43	
inferior conj	-293 Jan 05 j 08:57	11°♑13'18	3°30'37
minimum elong	-293 Jan 05 j 06:36	11°♑20'24	3°30'14
min. Earth dist.	-293 Jan 07 j 05:35	8°♑58'55	0.64957 AU
morning rise	-293 Jan 10 j 23:27	5°♑04'31	
direct	-293 Jan 17 j 16:46	2°♑13'16	
morning max el	-293 Jan 30 j 23:47	9°♑57'22	27°05'38
desc. node	-293 Jan 31 j 23:36	10°♑58'13	
	-293 Feb 15 j 19:26	0°♒	
	-293 Mar 05 j 15:32	0°♓	
morning set	-293 Mar 07 j 13:20	3°♓38'39	
max. Earth dist.	-293 Mar 12 j 04:19	12°♓49'16	1.34050 AU
superior conj	-293 Mar 15 j 20:38	20°♓25'53	0°-52'-50
minimum elong	-293 Mar 15 j 23:09	20°♓39'03	0°52'22
	-293 Mar 20 j 09:14	0°♈	
asc. node	-293 Mar 21 j 02:30	1°♈31'25	
evening rise	-293 Mar 23 j 06:46	6°♈06'08	
	-293 Apr 05 j 08:32	0°♉	
evening max el	-293 Apr 12 j 15:17	8°♉53'28	21°42'25
retrograde	-293 Apr 25 j 00:35	14°♉55'56	
evening set	-293 Apr 27 j 13:49	14°♉41'18	
desc. node	-293 Apr 29 j 22:47	14°♉03'15	
inferior conj	-293 May 06 j 23:03	10°♉38'47	-1°-58'-6
minimum elong	-293 May 06 j 17:41	10°♉46'19	1°56'19
min. Earth dist.	-293 May 06 j 18:57	10°♉44'33	0.55031 AU
morning rise	-293 May 15 j 22:25	6°♉41'42	
direct	-293 May 18 j 22:50	6°♉21'38	
morning max el	-293 May 31 j 05:13	12°♉08'47	21°50'21
	-293 Jun 13 j 06:20	0°♊	
asc. node	-293 Jun 17 j 01:47	7°♊06'54	
morning set	-293 Jun 21 j 01:12	15°♊09'11	
superior conj	-293 Jun 28 j 09:18	0°♋36'05	1°35'00
minimum elong	-293 Jun 28 j 07:06	0°♋24'33	1°34'48
	-293 Jun 28 j 02:24	0°♋	
max. Earth dist.	-293 Jul 01 j 22:56	7°♋58'16	1.34775 AU
evening rise	-293 Jul 06 j 13:39	17°♋06'24	
	-293 Jul 13 j 14:06	0°♌	
desc. node	-293 Jul 26 j 22:09	21°♌10'47	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-293 Aug 02 j 11:50	0°♍	
evening max el	-293 Aug 10 j 15:07	9°♍05'30	26°55'06
retrograde	-293 Aug 23 j 18:45	16°♍23'20	
evening set	-293 Aug 30 j 13:15	13°♍38'58	
min. Earth dist.	-293 Sep 03 j 11:54	9°♍41'34	0.65529 AU
inferior conj	-293 Sep 05 j 09:02	7°♍30'27	-2°-29'-15
minimum elong	-293 Sep 05 j 12:44	7°♍19'41	2°27'55
morning rise	-293 Sep 11 j 13:37	1°♍49'17	
asc. node	-293 Sep 13 j 00:59	1°♍16'08	
direct	-293 Sep 14 j 08:25	1°♍06'39	
morning max el	-293 Sep 20 j 22:26	4°♍42'12	18°19'52
	-293 Oct 08 j 02:14	0°♎	
morning set	-293 Oct 10 j 00:28	3°♎08'45	
desc. node	-293 Oct 22 j 21:29	23°♎52'35	
superior conj	-293 Oct 25 j 01:28	27°♎18'15	0°-14'-10
minimum elong	-293 Oct 24 j 23:37	27°♎10'56	0°13'56
behind sun begin	-293 Oct 24 j 17:48	26°♎47'57	
behind sun end	-293 Oct 25 j 05:26	27°♎33'53	
	-293 Oct 26 j 18:30	0°♏	
max. Earth dist.	-293 Oct 27 j 05:32	0°♏43'26	1.44974 AU
evening rise	-293 Nov 10 j 12:24	23°♏06'20	
	-293 Nov 14 j 22:07	0°♐	
greatest brilliancy	-293 Nov 25 j 02:00	15°♐37'37	-0.7m
evening max el	-293 Dec 04 j 03:15	27°♐29'26	19°23'47
	-293 Dec 06 j 23:38	0°♑	
asc. node	-293 Dec 10 j 00:15	1°♑28'07	
retrograde	-293 Dec 11 j 07:19	1°♑37'30	
evening set	-293 Dec 14 j 15:37	0°♑32'06	
	-293 Dec 15 j 09:30	30°℞♐	
inferior conj	-293 Dec 20 j 06:36	24°♐36'17	3°00'57
minimum elong	-293 Dec 20 j 03:48	24°♐45'22	3°00'13
min. Earth dist.	-293 Dec 21 j 12:45	22°♐58'58	0.66183 AU
morning rise	-293 Dec 25 j 15:10	18°♐23'12	
direct	-293 Dec 31 j 21:00	15°♐38'33	
morning max el	-292 Jan 13 j 09:07	23°♐02'25	26°02'52
desc. node	-292 Jan 18 j 20:40	29°♐08'22	
	-292 Jan 19 j 13:38	0°♑	
	-292 Feb 09 j 03:06	0°♒	
morning set	-292 Feb 18 j 13:27	16°♒33'52	
max. Earth dist.	-292 Feb 22 j 12:57	24°♒06'11	1.35488 AU
	-292 Feb 25 j 12:59	0°♓	
superior conj	-292 Feb 27 j 16:47	4°♓20'27	-1°-18'-7
minimum elong	-292 Feb 27 j 20:17	4°♓38'13	1°17'35
evening rise	-292 Mar 06 j 13:57	20°♓33'13	
asc. node	-292 Mar 06 j 23:33	21°♓22'16	
	-292 Mar 11 j 07:52	0°♈	
evening max el	-292 Mar 24 j 20:34	20°♈05'46	20°21'32
retrograde	-292 Apr 04 j 14:06	25°♈14'56	
evening set	-292 Apr 06 j 17:28	25°♈03'31	
inferior conj	-292 Apr 15 j 18:43	21°♈05'48	0°00'47
minimum elong	-292 Apr 15 j 18:45	21°♈05'45	0°00'47
transit middle	-292 Apr 15 j 18:45	21°♈05'45	0°00'47
transit begin	-292 Apr 15 j 14:43	21°♈11'40	
transit end	-292 Apr 15 j 22:47	20°♈59'49	
desc. node	-292 Apr 15 j 19:49	21°♈04'10	
min. Earth dist.	-292 Apr 17 j 08:42	20°♈10'07	0.55257 AU
morning rise	-292 Apr 24 j 17:50	16°♈47'58	
direct	-292 Apr 28 j 11:23	16°♈17'41	
morning max el	-292 May 11 j 23:41	22°♈54'49	23°29'19
	-292 May 18 j 06:21	0°♉	
asc. node	-292 Jun 02 j 22:49	26°♉49'28	
	-292 Jun 04 j 11:30	0°♊	
morning set	-292 Jun 04 j 12:39	0°♊05'59	
superior conj	-292 Jun 11 j 15:36	15°♊21'34	1°20'20
minimum elong	-292 Jun 11 j 13:05	15°♊08'07	1°20'00
max. Earth dist.	-292 Jun 13 j 22:35	20°♊14'41	1.33611 AU
	-292 Jun 18 j 15:52	0°♋	
evening rise	-292 Jun 19 j 05:41	1°♋09'14	
	-292 Jul 05 j 13:00	0°♌	
desc. node	-292 Jul 12 j 19:10	10°♌26'58	
evening max el	-292 Jul 23 j 02:33	22°♌22'32	27°22'42
retrograde	-292 Aug 05 j 15:58	29°♌42'16	
evening set	-292 Aug 12 j 18:52	26°♌59'59	
min. Earth dist.	-292 Aug 16 j 11:29	23°♌38'13	0.64130 AU
inferior conj	-292 Aug 18 j 21:43	21°♌04'21	-3°-20'-50
minimum elong	-292 Aug 19 j 02:19	20°♌52'12	3°19'31
morning rise	-292 Aug 25 j 11:40	15°♌39'16	
direct	-292 Aug 28 j 01:16	15°♌05'53	
asc. node	-292 Aug 29 j 22:02	15°♌23'42	
morning max el	-292 Sep 03 j 13:50	18°♌32'35	17°57'55
	-292 Sep 11 j 22:54	0°♍	
morning set	-292 Sep 20 j 17:14	14°♍46'01	
	-292 Sep 29 j 17:55	0°♎	
superior conj	-292 Oct 03 j 17:01	6°♎30'14	0°33'03
minimum elong	-292 Oct 03 j 20:36	6°♎44'45	0°32'34
desc. node	-292 Oct 08 j 18:31	14°♎39'03	
max. Earth dist.	-292 Oct 08 j 23:24	14°♎58'27	1.44350 AU
	-292 Oct 18 j 13:33	0°♏	
evening rise	-292 Oct 19 j 23:09	2°♏09'37	
	-292 Nov 07 j 13:51	0°♐	
greatest brilliancy	-292 Nov 09 j 22:22	3°♐14'47	-0.6m
evening max el	-292 Nov 16 j 06:56	10°♐57'45	20°21'41
retrograde	-292 Nov 24 j 04:52	15°♐37'16	
asc. node	-292 Nov 25 j 21:16	15°♐21'07	
evening set	-292 Nov 27 j 21:58	14°♐17'27	
inferior conj	-292 Dec 03 j 09:29	8°♐09'13	2°22'27
minimum elong	-292 Dec 03 j 06:49	8°♐18'13	2°21'33
min. Earth dist.	-292 Dec 04 j 02:38	7°♐11'17	0.67025 AU
morning rise	-292 Dec 08 j 15:09	1°♐54'01	
	-292 Dec 11 j 12:10	30°℞♏	
direct	-292 Dec 14 j 06:31	29°♏25'35	
	-292 Dec 17 j 05:26	0°♐	
morning max el	-292 Dec 25 j 17:30	6°♐15'13	24°42'46
desc. node	-291 Jan 04 j 17:43	18°♐08'41	
	-291 Jan 13 j 04:11	0°♑	
morning set	-291 Jan 30 j 18:35	28°♑28'32	
	-291 Jan 31 j 15:14	0°♒	
max. Earth dist.	-291 Feb 03 j 11:36	5°♒08'35	1.37341 AU
superior conj	-291 Feb 10 j 02:36	17°♒39'55	-1°-40'-1
minimum elong	-291 Feb 10 j 06:23	17°♒58'23	1°39'37
	-291 Feb 16 j 07:58	0°♓	
evening rise	-291 Feb 18 j 15:35	4°♓38'02	
asc. node	-291 Feb 21 j 20:35	10°♓56'50	
	-291 Mar 05 j 16:56	0°♈	
evening max el	-291 Mar 07 j 12:59	1°♈56'02	19°18'30
retrograde	-291 Mar 16 j 14:13	6°♈16'57	
evening set	-291 Mar 18 j 18:51	6°♈02'45	
inferior conj	-291 Mar 27 j 03:06	1°♈53'53	1°47'14
minimum elong	-291 Mar 27 j 07:01	1°♈47'23	1°46'01
min. Earth dist.	-291 Mar 29 j 23:31	0°♈00'55	0.56383 AU
	-291 Mar 30 j 00:06	30°℞♓	
desc. node	-291 Apr 02 j 16:51	27°♓53'21	
morning rise	-291 Apr 04 j 15:17	27°♓04'19	
direct	-291 Apr 09 j 10:25	26°♓11'33	
	-291 Apr 19 j 13:15	0°♈	
morning max el	-291 Apr 23 j 14:19	3°♈24'49	25°08'27
	-291 May 12 j 09:43	0°♉	
morning set	-291 May 20 j 00:37	15°♉05'01	
asc. node	-291 May 20 j 19:52	16°♉46'45	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-291 May 26 j 22:18	0°♊	
superior conj	-291 May 27 j 01:28	0°♊17'18	1°01'35
minimum elong	-291 May 26 j 23:11	0°♊04'48	1°01'11
max. Earth dist.	-291 May 28 j 06:10	2°♊53'27	1.32835 AU
evening rise	-291 Jun 03 j 06:27	15°♊38'00	
	-291 Jun 10 j 15:59	0°♋	
desc. node	-291 Jun 29 j 16:10	28°♋55'23	
	-291 Jun 30 j 14:03	0°♌	
evening max el	-291 Jul 05 j 11:14	5°♌10'44	27°20'01
retrograde	-291 Jul 19 j 06:33	12°♌28'36	
evening set	-291 Jul 26 j 10:51	10°♌00'59	
min. Earth dist.	-291 Jul 30 j 00:50	7°♌07'54	0.62390 AU
inferior conj	-291 Aug 01 j 23:37	4°♌21'25	-4°-5'00
minimum elong	-291 Aug 02 j 04:07	4°♌10'45	4°04'06
	-291 Aug 07 j 09:56	30°℞♋	
morning rise	-291 Aug 08 j 23:54	29°♋15'55	
direct	-291 Aug 11 j 10:51	28°♋48'56	
	-291 Aug 15 j 09:10	0°♌	
asc. node	-291 Aug 16 j 19:04	0°♌59'15	
morning max el	-291 Aug 18 j 05:00	2°♌14'52	17°54'06
morning set	-291 Sep 03 j 07:39	27°♌25'15	
	-291 Sep 04 j 18:10	0°♍	
superior conj	-291 Sep 14 j 11:06	17°♍01'04	1°09'51
minimum elong	-291 Sep 14 j 16:08	17°♍22'32	1°09'16
max. Earth dist.	-291 Sep 21 j 13:48	28°♍51'57	1.43078 AU
	-291 Sep 22 j 06:33	0°♎	
desc. node	-291 Sep 25 j 15:32	5°♎25'10	
evening rise	-291 Sep 29 j 06:55	11°♎09'19	
	-291 Oct 11 j 17:27	0°♏	
greatest brilliancy	-291 Oct 25 j 05:13	18°♏42'29	-0.4m
evening max el	-291 Oct 30 j 04:46	24°♏26'04	21°31'41
retrograde	-291 Nov 08 j 01:47	29°♏42'40	
evening set	-291 Nov 12 j 05:42	28°♏06'25	
asc. node	-291 Nov 12 j 18:17	27°♏40'24	
inferior conj	-291 Nov 17 j 15:23	21°♏49'06	1°37'17
minimum elong	-291 Nov 17 j 13:20	21°♏56'11	1°36'29
min. Earth dist.	-291 Nov 17 j 20:58	21°♏29'48	0.67507 AU
morning rise	-291 Nov 22 j 20:40	15°♏33'52	
direct	-291 Nov 27 j 20:36	13°♏26'48	
morning max el	-291 Dec 08 j 02:39	19°♏32'35	23°15'19
greatest brilliancy	-291 Dec 13 j 05:48	25°♏18'13	-0.3m
	-291 Dec 16 j 22:45	0°♐	
desc. node	-291 Dec 22 j 14:46	7°♐44'17	
	-290 Jan 06 j 09:00	0°♑	
morning set	-290 Jan 11 j 22:25	9°♑05'42	
max. Earth dist.	-290 Jan 16 j 06:53	16°♑31'07	1.39441 AU
superior conj	-290 Jan 23 j 21:53	0°♒12'31	-1°-55'-44
minimum elong	-290 Jan 24 j 00:39	0°♒25'17	1°55'36
	-290 Jan 23 j 19:11	0°♒	
evening rise	-290 Feb 02 j 08:54	18°♒12'40	
asc. node	-290 Feb 08 j 17:36	0°♓08'26	
	-290 Feb 08 j 15:43	0°♓	
evening max el	-290 Feb 18 j 14:43	14°♓19'55	18°35'17
retrograde	-290 Feb 26 j 08:41	18°♓07'02	
evening set	-290 Feb 28 j 17:41	17°♓46'54	
inferior conj	-290 Mar 08 j 07:36	13°♓18'53	3°00'53
minimum elong	-290 Mar 08 j 11:42	13°♓10'55	2°59'59
min. Earth dist.	-290 Mar 11 j 17:09	10°♓41'54	0.58153 AU
morning rise	-290 Mar 16 j 01:44	7°♓58'37	
desc. node	-290 Mar 20 j 13:53	6°♓36'14	
direct	-290 Mar 21 j 22:49	6°♓31'27	
morning max el	-290 Apr 05 j 07:12	14°♓06'43	26°32'33
	-290 Apr 17 j 22:57	0°♈	
morning set	-290 May 04 j 11:29	29°♈59'51	
	-290 May 04 j 11:30	0°♉	
asc. node	-290 May 07 j 16:54	6°♉52'53	
superior conj	-290 May 11 j 13:01	15°♉16'21	0°39'37
minimum elong	-290 May 11 j 11:22	15°♉07'17	0°39'17
max. Earth dist.	-290 May 11 j 18:08	15°♉44'27	1.32419 AU
	-290 May 18 j 08:39	0°♊	
evening rise	-290 May 18 j 13:01	0°♊22'48	
	-290 Jun 03 j 19:41	0°♋	
desc. node	-290 Jun 16 j 13:09	16°♋16'16	
evening max el	-290 Jun 17 j 14:26	17°♋18'09	26°44'23
retrograde	-290 Jul 01 j 13:51	24°♋33'56	
evening set	-290 Jul 08 j 08:48	22°♋34'35	
min. Earth dist.	-290 Jul 12 j 03:56	19°♋56'35	0.60392 AU
inferior conj	-290 Jul 15 j 11:17	17°♋13'15	-4°-35'-26
minimum elong	-290 Jul 15 j 14:03	17°♋07'31	4°35'10
morning rise	-290 Jul 22 j 22:30	12°♋30'10	
direct	-290 Jul 25 j 09:05	12°♋07'28	
morning max el	-290 Aug 01 j 17:03	15°♋42'13	18°09'25
asc. node	-290 Aug 03 j 16:08	17°♋48'44	
	-290 Aug 11 j 16:26	0°♌	
morning set	-290 Aug 17 j 14:03	10°♌50'46	
superior conj	-290 Aug 27 j 07:29	28°♌50'16	1°33'29
minimum elong	-290 Aug 27 j 11:10	29°♌06'48	1°33'12
	-290 Aug 27 j 23:03	0°♍	
max. Earth dist.	-290 Sep 03 j 22:26	12°♍06'57	1.41326 AU
evening rise	-290 Sep 09 j 05:16	20°♍50'55	
desc. node	-290 Sep 12 j 12:32	26°♍07'46	
	-290 Sep 14 j 23:53	0°♎	
	-290 Oct 06 j 00:06	0°♏	
greatest brilliancy	-290 Oct 07 j 20:09	2°♏16'28	-0.3m
evening max el	-290 Oct 12 j 21:09	7°♏55'32	22°49'37
retrograde	-290 Oct 22 j 20:34	13°♏51'04	
evening set	-290 Oct 27 j 13:10	11°♏57'01	
asc. node	-290 Oct 30 j 15:20	8°♏39'36	
inferior conj	-290 Nov 01 j 22:28	5°♏34'23	0°47'11
minimum elong	-290 Nov 01 j 21:23	5°♏38'08	0°46'43
min. Earth dist.	-290 Nov 01 j 17:28	5°♏51'39	0.67654 AU
	-290 Nov 06 j 11:52	30°℞♎	
morning rise	-290 Nov 07 j 05:35	29°♎21'25	
direct	-290 Nov 11 j 14:36	27°♎37'00	
	-290 Nov 17 j 08:31	0°♏	
morning max el	-290 Nov 20 j 15:53	2°♏56'56	21°49'39
greatest brilliancy	-290 Nov 25 j 12:03	8°♏26'08	-0.4m
desc. node	-290 Dec 09 j 11:49	27°♏45'30	
	-290 Dec 11 j 00:05	0°♐	
morning set	-290 Dec 22 j 21:08	18°♐19'29	
max. Earth dist.	-290 Dec 29 j 05:57	28°♐41'50	1.41513 AU
	-290 Dec 30 j 00:42	0°♑	
superior conj	-289 Jan 05 j 21:37	11°♑46'26	-2°-1'-27
minimum elong	-289 Jan 05 j 21:20	11°♑45'12	2°01'29
	-289 Jan 15 j 23:26	0°♒	
evening rise	-289 Jan 16 j 14:36	1°♒09'57	
asc. node	-289 Jan 26 j 14:38	18°♒50'03	
evening max el	-289 Feb 01 j 23:01	27°♒10'37	18°12'07
	-289 Feb 05 j 21:14	0°♓	
retrograde	-289 Feb 08 j 21:06	0°♓39'46	
evening set	-289 Feb 11 j 10:33	0°♓11'51	
	-289 Feb 11 j 22:45	30°℞♒	
inferior conj	-289 Feb 18 j 08:42	25°♒22'32	3°39'56
minimum elong	-289 Feb 18 j 10:50	25°♒17'44	3°39'42
min. Earth dist.	-289 Feb 21 j 16:24	22°♒24'03	0.60227 AU
morning rise	-289 Feb 25 j 07:54	19°♒40'15	
direct	-289 Mar 03 j 23:34	17°♒35'22	
desc. node	-289 Mar 07 j 10:57	18°♒07'29	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning max el	-289 Mar 18 j 05:54	25°♒22'39	27°27'49
	-289 Mar 22 j 12:41	0°♓	
	-289 Apr 11 j 06:56	0°♈	
morning set	-289 Apr 18 j 19:27	14°♈44'17	
asc. node	-289 Apr 24 j 13:57	27°♈03'26	
max. Earth dist.	-289 Apr 25 j 06:45	28°♈35'11	1.32365 AU
	-289 Apr 25 j 22:14	0°♉	
superior conj	-289 Apr 26 j 00:34	0°♉12'47	0°15'14
minimum elong	-289 Apr 25 j 23:53	0°♉09'02	0°15'05
behind sun begin	-289 Apr 25 j 22:22	0°♉00'41	
behind sun end	-289 Apr 26 j 01:24	0°♉17'23	
evening rise	-289 May 02 j 23:08	15°♉15'56	
	-289 May 10 j 08:38	0°♊	
evening max el	-289 May 30 j 10:50	28°♊40'18	25°38'09
	-289 May 31 j 21:36	0°♋	
desc. node	-289 Jun 03 j 10:10	2°♋01'37	
retrograde	-289 Jun 13 j 12:11	5°♋52'00	
evening set	-289 Jun 19 j 08:34	4°♋30'47	
min. Earth dist.	-289 Jun 23 j 23:03	1°♋49'31	0.58338 AU
	-289 Jun 26 j 12:33	30°℞♊	
inferior conj	-289 Jun 27 j 05:09	29°♊30'01	-4°-42'-21
minimum elong	-289 Jun 27 j 04:07	29°♊31'53	4°42'19
morning rise	-289 Jul 05 j 03:29	25°♊09'39	
direct	-289 Jul 07 j 15:28	24°♊49'51	
morning max el	-289 Jul 15 j 22:53	28°♊45'11	18°44'58
	-289 Jul 17 j 04:34	0°♋	
asc. node	-289 Jul 21 j 13:12	5°♋36'29	
morning set	-289 Aug 01 j 07:52	24°♋50'10	
	-289 Aug 03 j 23:16	0°♌	
superior conj	-289 Aug 10 j 00:52	11°♌42'15	1°45'08
minimum elong	-289 Aug 10 j 02:21	11°♌49'17	1°45'05
max. Earth dist.	-289 Aug 17 j 02:03	24°♌37'04	1.39337 AU
	-289 Aug 20 j 04:09	0°♍	
evening rise	-289 Aug 21 j 03:43	1°♍40'40	
desc. node	-289 Aug 30 j 09:32	16°♍42'41	
	-289 Sep 08 j 07:10	0°♎	
evening max el	-289 Sep 25 j 09:56	21°♎27'51	24°09'50
retrograde	-289 Oct 06 j 11:55	27°♎58'22	
evening set	-289 Oct 11 j 18:39	25°♎46'18	
min. Earth dist.	-289 Oct 16 j 13:41	20°♎14'11	0.67486 AU
inferior conj	-289 Oct 17 j 04:59	19°♎22'27	0°-6'-23
minimum elong	-289 Oct 17 j 05:09	19°♎21'56	0°06'20
transit middle	-289 Oct 17 j 05:09	19°♎21'56	0°06'20
transit begin	-289 Oct 17 j 02:38	19°♎30'26	
transit end	-289 Oct 17 j 07:39	19°♎13'26	
asc. node	-289 Oct 17 j 12:24	18°♎57'27	
morning rise	-289 Oct 22 j 15:54	13°♎14'23	
direct	-289 Oct 26 j 11:30	11°♎51'17	
morning max el	-289 Nov 03 j 11:52	16°♎30'10	20°32'41
greatest brilliancy	-289 Nov 09 j 17:33	23°♎54'54	-0.5m
	-289 Nov 14 j 03:52	0°♏	
desc. node	-289 Nov 26 j 08:52	18°♏04'29	
morning set	-289 Dec 01 j 21:15	26°♏33'22	
	-289 Dec 04 j 02:19	0°♐	
max. Earth dist.	-289 Dec 11 j 12:13	11°♐45'57	1.43270 AU
superior conj	-289 Dec 17 j 20:28	22°♐09'30	-1°-52'-39
minimum elong	-289 Dec 17 j 15:27	21°♐48'42	1°52'24
	-289 Dec 22 j 12:04	0°♑	
evening rise	-289 Dec 30 j 04:34	13°♑21'02	
	-288 Jan 08 j 20:34	0°♒	
asc. node	-288 Jan 13 j 11:41	6°♒52'20	
evening max el	-288 Jan 16 j 10:52	10°♒19'57	18°08'39
retrograde	-288 Jan 22 j 23:41	13°♒45'20	
evening set	-288 Jan 25 j 17:23	13°♒08'29	
inferior conj	-288 Feb 01 j 03:10	7°♒58'03	3°51'18
minimum elong	-288 Feb 01 j 03:02	7°♒58'22	3°51'18
min. Earth dist.	-288 Feb 03 j 23:39	5°♒02'48	0.62279 AU
morning rise	-288 Feb 07 j 10:28	2°♒02'01	
	-288 Feb 11 j 04:55	30°℞♑	
direct	-288 Feb 14 j 10:11	29°♑27'40	
	-288 Feb 17 j 18:41	0°♒	
desc. node	-288 Feb 22 j 08:01	2°♒14'29	
morning max el	-288 Feb 28 j 10:27	7°♒19'29	27°47'05
	-288 Mar 16 j 18:15	0°♓	
morning set	-288 Apr 01 j 22:30	29°♓11'23	
	-288 Apr 02 j 08:03	0°♈	
max. Earth dist.	-288 Apr 07 j 16:10	11°♈12'37	1.32692 AU
superior conj	-288 Apr 09 j 10:27	15°♈01'05	0°-10'-48
minimum elong	-288 Apr 09 j 10:58	15°♈03'51	0°10'42
behind sun begin	-288 Apr 09 j 07:08	14°♈43'04	
behind sun end	-288 Apr 09 j 14:48	15°♈24'39	
asc. node	-288 Apr 10 j 11:00	17°♈14'27	
evening rise	-288 Apr 16 j 10:52	0°♉10'50	
	-288 Apr 16 j 08:49	0°♉	
	-288 May 03 j 02:43	0°♊	
evening max el	-288 May 11 j 02:15	9°♊27'21	24°10'21
desc. node	-288 May 20 j 07:12	15°♊36'20	
retrograde	-288 May 24 j 22:50	16°♊25'40	
evening set	-288 May 29 j 10:11	15°♊41'10	
min. Earth dist.	-288 Jun 04 j 13:35	12°♊40'35	0.56542 AU
inferior conj	-288 Jun 07 j 02:59	11°♊04'41	-4°-13'-9
minimum elong	-288 Jun 06 j 21:25	11°♊13'27	4°12'14
morning rise	-288 Jun 15 j 12:23	7°♊02'55	
direct	-288 Jun 18 j 03:07	6°♊44'48	
morning max el	-288 Jun 27 j 19:37	11°♊14'20	19°41'27
asc. node	-288 Jul 07 j 10:16	24°♊09'21	
	-288 Jul 10 j 16:13	0°♋	
morning set	-288 Jul 15 j 09:41	9°♋14'49	
superior conj	-288 Jul 23 j 09:43	25°♋21'33	1°46'59
minimum elong	-288 Jul 23 j 09:16	25°♋19'20	1°46'59
	-288 Jul 25 j 18:33	0°♌	
max. Earth dist.	-288 Jul 29 j 05:31	6°♌35'13	1.37370 AU
evening rise	-288 Aug 02 j 02:25	13°♌40'26	
	-288 Aug 11 j 17:36	0°♍	
desc. node	-288 Aug 16 j 06:33	7°♍05'21	
	-288 Sep 02 j 04:07	0°♎	
evening max el	-288 Sep 06 j 21:32	5°♎04'16	25°25'08
retrograde	-288 Sep 18 j 22:48	12°♎00'44	
evening set	-288 Sep 24 j 20:23	9°♎32'16	
min. Earth dist.	-288 Sep 29 j 07:07	4°♎35'44	0.67001 AU
inferior conj	-288 Sep 30 j 09:11	3°♎11'23	-1°-1'-56
minimum elong	-288 Sep 30 j 10:44	3°♎06'21	1°01'16
	-288 Oct 02 j 23:11	30°℞♍	
asc. node	-288 Oct 03 j 09:29	29°♍31'34	
morning rise	-288 Oct 06 j 01:41	27°♍11'13	
direct	-288 Oct 09 j 09:54	26°♍06'34	
	-288 Oct 16 j 10:15	0°♎	
morning max el	-288 Oct 16 j 15:28	0°♎13'06	19°28'46
greatest brilliancy	-288 Oct 25 j 15:27	11°♎44'44	-0.7m
	-288 Nov 06 j 16:48	0°♏	
morning set	-288 Nov 09 j 20:41	4°♏53'54	
desc. node	-288 Nov 12 j 05:53	8°♏36'06	
max. Earth dist.	-288 Nov 23 j 01:43	25°♏34'30	1.44485 AU
	-288 Nov 25 j 20:33	0°♐	
superior conj	-288 Nov 26 j 16:36	1°♐20'06	-1°-25'-47
minimum elong	-288 Nov 26 j 08:24	0°♐47'20	1°24'59
evening rise	-288 Dec 10 j 22:22	24°♐37'56	
	-288 Dec 14 j 03:21	0°♑	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-288 Dec 29 j 23:23	23°♑40'03	18°24'02
asc. node	-288 Dec 30 j 08:45	24°♑03'18	
retrograde	-287 Jan 05 j 12:03	27°♑14'03	
evening set	-287 Jan 08 j 10:28	26°♑27'08	
inferior conj	-287 Jan 14 j 10:56	20°♑56'57	3°42'31
minimum elong	-287 Jan 14 j 09:11	21°♑02'00	3°42'18
min. Earth dist.	-287 Jan 16 j 16:23	18°♑24'18	0.64084 AU
morning rise	-287 Jan 20 j 06:27	14°♑52'09	
direct	-287 Jan 27 j 04:18	12°♑02'53	
desc. node	-287 Feb 08 j 05:05	18°♑21'04	
morning max el	-287 Feb 09 j 18:49	19°♑51'44	27°30'05
	-287 Feb 18 j 11:46	0°♒	
	-287 Mar 09 j 17:55	0°♓	
morning set	-287 Mar 16 j 17:56	13°♓11'33	
max. Earth dist.	-287 Mar 21 j 18:31	23°♓23'41	1.33431 AU
superior conj	-287 Mar 24 j 16:45	29°♓33'53	0°-37'-33
minimum elong	-287 Mar 24 j 18:33	29°♓43'28	0°37'12
	-287 Mar 24 j 21:39	0°♈	
asc. node	-287 Mar 28 j 08:02	7°♈21'07	
evening rise	-287 Mar 31 j 22:19	15°♈00'03	
	-287 Apr 08 j 12:27	0°♉	
evening max el	-287 Apr 22 j 18:04	20°♉02'26	22°34'59
retrograde	-287 May 05 j 20:27	26°♉30'15	
desc. node	-287 May 07 j 04:16	26°♉26'20	
evening set	-287 May 08 j 23:18	26°♉08'56	
min. Earth dist.	-287 May 17 j 02:13	22°♉37'05	0.55345 AU
inferior conj	-287 May 18 j 06:30	21°♉56'50	-2°-58'-57
minimum elong	-287 May 17 j 23:27	22°♉06'53	2°56'57
morning rise	-287 May 27 j 01:59	18°♉03'14	
direct	-287 May 29 j 21:36	17°♉44'56	
morning max el	-287 Jun 10 j 05:18	23°♉01'10	20°58'18
	-287 Jun 16 j 05:56	0°♊	
asc. node	-287 Jun 24 j 07:19	13°♊15'44	
morning set	-287 Jun 29 j 16:49	23°♊56'44	
	-287 Jul 02 j 14:52	0°♋	
superior conj	-287 Jul 07 j 05:27	9°♋34'21	1°41'09
minimum elong	-287 Jul 07 j 03:42	9°♋25'21	1°41'03
max. Earth dist.	-287 Jul 11 j 14:41	18°♋25'28	1.35626 AU
evening rise	-287 Jul 15 j 20:53	26°♋38'10	
	-287 Jul 17 j 16:21	0°♌	
desc. node	-287 Aug 03 j 03:35	27°♌09'25	
	-287 Aug 05 j 02:46	0°♍	
evening max el	-287 Aug 20 j 09:21	18°♍40'30	26°27'49
retrograde	-287 Sep 02 j 04:42	25°♍52'40	
evening set	-287 Sep 08 j 16:22	23°♍12'00	
min. Earth dist.	-287 Sep 12 j 19:17	18°♍53'04	0.66172 AU
inferior conj	-287 Sep 14 j 09:08	16°♍58'07	-1°-57'-45
minimum elong	-287 Sep 14 j 12:06	16°♍49'05	1°56'36
morning rise	-287 Sep 20 j 08:53	11°♍09'11	
asc. node	-287 Sep 20 j 06:32	11°♍12'29	
direct	-287 Sep 23 j 07:58	10°♍19'29	
morning max el	-287 Sep 30 j 01:35	14°♍03'25	18°40'19
	-287 Oct 11 j 16:07	0°♎	
morning set	-287 Oct 20 j 17:41	14°♎23'24	
desc. node	-287 Oct 30 j 02:55	29°♎16'32	
	-287 Oct 30 j 13:56	0°♏	
superior conj	-287 Nov 05 j 18:45	9°♏45'36	0°-42'-40
minimum elong	-287 Nov 05 j 13:14	9°♏23'56	0°41'59
max. Earth dist.	-287 Nov 05 j 19:56	9°♏50'14	1.45009 AU
	-287 Nov 18 j 14:21	0°♐	
evening rise	-287 Nov 21 j 16:50	4°♐56'44	
	-287 Dec 07 j 18:06	0°♑	
evening max el	-287 Dec 13 j 10:00	7°♑05'51	18°57'10
asc. node	-287 Dec 17 j 05:48	10°♑09'06	
retrograde	-287 Dec 20 j 06:23	10°♑58'55	
evening set	-287 Dec 23 j 10:38	10°♑00'40	
inferior conj	-287 Dec 29 j 04:26	4°♑13'08	3°19'17
minimum elong	-287 Dec 29 j 01:48	4°♑21'20	3°18'44
min. Earth dist.	-287 Dec 30 j 18:38	2°♑14'19	0.65528 AU
	-286 Jan 01 j 16:33	30°℞♐	
morning rise	-286 Jan 03 j 16:01	28°♐02'24	
direct	-286 Jan 10 j 04:55	25°♐12'53	
	-286 Jan 20 j 03:47	0°♑	
morning max el	-286 Jan 23 j 04:36	2°♑49'19	26°41'46
desc. node	-286 Jan 26 j 02:07	5°♑54'01	
	-286 Feb 12 j 17:55	0°♒	
morning set	-286 Feb 28 j 02:22	26°♒34'24	
	-286 Mar 01 j 21:12	0°♓	
max. Earth dist.	-286 Mar 04 j 10:25	5°♓01'12	1.34613 AU
superior conj	-286 Mar 08 j 17:20	13°♓44'39	-1°-3'-49
minimum elong	-286 Mar 08 j 20:19	14°♓00'06	1°03'18
asc. node	-286 Mar 15 j 05:05	27°♓19'18	
evening rise	-286 Mar 16 j 07:39	29°♓37'22	
	-286 Mar 16 j 12:01	0°♈	
	-286 Apr 03 j 19:06	0°♉	
evening max el	-286 Apr 04 j 17:01	0°♉54'46	21°05'58
retrograde	-286 Apr 16 j 10:05	6°♉35'11	
evening set	-286 Apr 18 j 17:26	6°♉22'47	
desc. node	-286 Apr 24 j 01:17	4°♉32'24	
inferior conj	-286 Apr 28 j 00:50	2°♉24'08	-1°-8'-11
minimum elong	-286 Apr 27 j 21:37	2°♉28'41	1°07'03
min. Earth dist.	-286 Apr 28 j 15:04	2°♉04'02	0.55014 AU
	-286 May 02 j 12:22	30°℞♈	
morning rise	-286 May 07 j 01:27	28°♈20'46	
direct	-286 May 10 j 07:52	27°♈57'41	
	-286 May 17 j 16:28	0°♉	
morning max el	-286 May 23 j 04:28	4°♉06'23	22°31'37
	-286 Jun 09 j 18:29	0°♊	
asc. node	-286 Jun 11 j 04:21	2°♊47'10	
morning set	-286 Jun 14 j 03:11	8°♊49'50	
superior conj	-286 Jun 21 j 08:40	24°♊10'28	1°29'20
minimum elong	-286 Jun 21 j 06:16	23°♊57'45	1°29'04
	-286 Jun 24 j 03:18	0°♋	
max. Earth dist.	-286 Jun 24 j 08:56	0°♋29'09	1.34232 AU
evening rise	-286 Jun 29 j 06:15	10°♋20'35	
	-286 Jul 10 j 02:08	0°♌	
desc. node	-286 Jul 21 j 00:37	16°♌46'19	
	-286 Jul 31 j 18:29	0°♍	
evening max el	-286 Aug 02 j 21:06	2°♍07'05	27°10'10
retrograde	-286 Aug 16 j 05:09	9°♍26'20	
evening set	-286 Aug 23 j 04:06	6°♍41'10	
min. Earth dist.	-286 Aug 26 j 23:52	2°♍59'45	0.64979 AU
inferior conj	-286 Aug 29 j 02:37	0°♍37'58	-2°-51'-45
minimum elong	-286 Aug 29 j 06:47	0°♍26'19	2°50'23
	-286 Aug 29 j 16:15	30°℞♌	
morning rise	-286 Sep 04 j 11:04	25°♌03'29	
direct	-286 Sep 07 j 03:23	24°♌25'11	
asc. node	-286 Sep 07 j 03:34	24°♌25'11	
morning max el	-286 Sep 13 j 15:53	27°♌55'41	18°08'28
	-286 Sep 15 j 12:50	0°♍	
morning set	-286 Oct 01 j 19:12	25°♍16'40	
	-286 Oct 04 j 15:29	0°♎	
superior conj	-286 Oct 15 j 23:28	18°♎24'22	0°06'43
minimum elong	-286 Oct 16 j 00:18	18°♎27'42	0°06'36
behind sun begin	-286 Oct 15 j 14:21	17°♎47'59	
behind sun end	-286 Oct 16 j 10:16	19°♎07'21	
desc. node	-286 Oct 16 j 23:56	20°♎01'44	
max. Earth dist.	-286 Oct 19 j 14:46	24°♎10'35	1.44791 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-286 Oct 23 j 07:38	0°♏		
evening rise	-286 Nov 01 j 12:47	14°♏21'07		
	-286 Nov 11 j 16:42	0°♐		
greatest brilliancy	-286 Nov 19 j 00:27	10°♐51'07	-0.6m	
evening max el	-286 Nov 26 j 16:33	20°♐33'11	19°46'38	
retrograde	-286 Dec 04 j 03:33	24°♐54'09		
asc. node	-286 Dec 04 j 02:50	24°♐54'09		
evening set	-286 Dec 07 j 15:19	23°♐42'50		
inferior conj	-286 Dec 13 j 04:36	17°♐41'02	2°45'33	
minimum elong	-286 Dec 13 j 01:47	17°♐50'20	2°44'44	
min. Earth dist.	-286 Dec 14 j 04:57	16°♐20'36	0.66585 AU	
morning rise	-286 Dec 18 j 11:35	11°♐26'39		
direct	-286 Dec 24 j 11:20	8°♐48'14		
morning max el	-285 Jan 05 j 13:43	15°♐59'27	25°30'21	
desc. node	-285 Jan 12 j 23:09	24°♐27'38		
	-285 Jan 17 j 04:26	0°♑		
	-285 Feb 05 j 15:27	0°♒		
morning set	-285 Feb 10 j 19:08	9°♒05'57		
max. Earth dist.	-285 Feb 14 j 14:27	16°♒09'06	1.36235 AU	
superior conj	-285 Feb 20 j 09:28	27°♒25'03	-1°-27'-59	
minimum elong	-285 Feb 20 j 13:12	27°♒43'45	1°27'28	
	-285 Feb 21 j 16:23	0°♓		
evening rise	-285 Feb 28 j 12:44	13°♓55'45		
asc. node	-285 Mar 02 j 02:08	17°♓03'59		
	-285 Mar 08 j 23:39	0°♈		
evening max el	-285 Mar 18 j 02:58	12°♈22'32	19°52'18	
retrograde	-285 Mar 28 j 03:05	17°♈10'22		
evening set	-285 Mar 30 j 05:54	16°♈58'25		
inferior conj	-285 Apr 08 j 00:29	12°♈57'15	0°49'12	
minimum elong	-285 Apr 08 j 02:36	12°♈54'00	0°48'29	
min. Earth dist.	-285 Apr 10 j 05:18	11°♈36'13	0.55632 AU	
desc. node	-285 Apr 10 j 22:18	11°♈10'55		
morning rise	-285 Apr 16 j 20:09	8°♈26'16		
direct	-285 Apr 20 j 23:35	7°♈48'18		
morning max el	-285 May 04 j 20:44	14°♈43'11	24°12'27	
	-285 May 16 j 20:44	0°♉		
asc. node	-285 May 29 j 01:23	22°♉37'01		
morning set	-285 May 29 j 15:04	23°♉48'42		
	-285 Jun 01 j 12:42	0°♊		
superior conj	-285 Jun 05 j 16:45	9°♊01'45	1°12'50	
minimum elong	-285 Jun 05 j 14:17	8°♊48'22	1°12'27	
max. Earth dist.	-285 Jun 07 j 12:08	12°♊55'16	1.33227 AU	
evening rise	-285 Jun 13 j 02:23	24°♊35'57		
	-285 Jun 15 j 19:43	0°♋		
	-285 Jul 03 j 15:32	0°♌		
desc. node	-285 Jul 07 j 21:37	5°♌44'49		
evening max el	-285 Jul 16 j 07:27	15°♌13'10	27°25'30	
retrograde	-285 Jul 29 j 23:54	22°♌33'18		
evening set	-285 Aug 06 j 04:29	19°♌55'15		
min. Earth dist.	-285 Aug 09 j 19:10	16°♌47'08	0.63423 AU	
inferior conj	-285 Aug 12 j 11:06	14°♌05'57	-3°-40'-50	
minimum elong	-285 Aug 12 j 15:49	13°♌54'02	3°39'38	
morning rise	-285 Aug 19 j 05:24	8°♌49'07		
direct	-285 Aug 21 j 17:27	8°♌18'55		
asc. node	-285 Aug 25 j 00:35	9°♌12'05		
morning max el	-285 Aug 28 j 07:37	11°♌44'22	17°54'05	
	-285 Sep 09 j 16:16	0°♍		
morning set	-285 Sep 13 j 21:57	7°♍22'40		
superior conj	-285 Sep 26 j 01:49	28°♍09'13	0°50'12	
minimum elong	-285 Sep 26 j 06:29	28°♍28'36	0°49'36	
	-285 Sep 27 j 04:38	0°♎		
max. Earth dist.	-285 Oct 02 j 07:00	8°♎17'08	1.43874 AU	
desc. node	-285 Oct 03 j 20:58	10°♎48'52		
evening rise	-285 Oct 11 j 19:59	23°♎17'11		

	-285 Oct 16 j 05:06	0°♏	
greatest brilliancy	-285 Nov 04 j 01:58	27°♏20'00	-0.5m
	-285 Nov 06 j 04:33	0°♐	
evening max el	-285 Nov 09 j 17:44	4°♐01'32	20°50'08
retrograde	-285 Nov 18 j 01:10	8°♐56'49	
asc. node	-285 Nov 20 j 23:51	8°♐07'34	
evening set	-285 Nov 21 j 22:30	7°♐30'26	
inferior conj	-285 Nov 27 j 09:02	1°♐17'48	2°04'00
minimum elong	-285 Nov 27 j 06:35	1°♐26'13	2°03'07
min. Earth dist.	-285 Nov 27 j 21:10	0°♐36'18	0.67271 AU
	-285 Nov 28 j 07:51	30°♑℞	
morning rise	-285 Dec 02 j 14:14	25°♏02'02	
direct	-285 Dec 07 j 23:01	22°♏42'11	
morning max el	-285 Dec 18 j 22:08	29°♏14'42	24°05'48
	-285 Dec 19 j 15:47	0°♐	
desc. node	-285 Dec 30 j 20:12	13°♐44'41	
	-284 Jan 11 j 00:17	0°♑	
morning set	-284 Jan 23 j 14:19	20°♑30'06	
max. Earth dist.	-284 Jan 27 j 10:17	27°♑14'01	1.38217 AU
	-284 Jan 28 j 23:08	0°♒	
superior conj	-284 Feb 03 j 13:40	10°♒26'12	-1°-47'-39
minimum elong	-284 Feb 03 j 17:14	10°♒43'11	1°47'22
evening rise	-284 Feb 12 j 11:13	27°♒48'42	
	-284 Feb 13 j 14:00	0°♓	
asc. node	-284 Feb 16 j 23:10	6°♓29'47	
evening max el	-284 Feb 28 j 23:44	24°♓28'29	18°57'41
retrograde	-284 Mar 08 j 10:23	28°♓32'51	
evening set	-284 Mar 10 j 16:40	28°♓16'31	
inferior conj	-284 Mar 18 j 17:02	24°♓00'30	2°22'55
minimum elong	-284 Mar 18 j 21:25	23°♓52'43	2°21'43
min. Earth dist.	-284 Mar 21 j 21:23	21°♓46'09	0.57073 AU
morning rise	-284 Mar 26 j 21:58	18°♓56'50	
desc. node	-284 Mar 27 j 19:21	18°♓36'32	
direct	-284 Apr 01 j 04:43	17°♓50'14	
morning max el	-284 Apr 15 j 11:41	25°♓15'18	25°46'58
	-284 Apr 19 j 21:28	0°♈	
	-284 May 08 j 19:23	0°♉	
morning set	-284 May 13 j 02:45	8°♉46'49	
asc. node	-284 May 14 j 22:26	12°♉38'52	
superior conj	-284 May 20 j 03:34	24°♉00'09	0°52'38
minimum elong	-284 May 20 j 01:30	23°♉48'50	0°52'14
max. Earth dist.	-284 May 20 j 21:51	25°♉40'06	1.32607 AU
	-284 May 22 j 21:38	0°♊	
evening rise	-284 May 27 j 05:56	9°♊13'01	
	-284 Jun 07 j 04:23	0°♋	
desc. node	-284 Jun 23 j 18:37	23°♋47'55	
evening max el	-284 Jun 27 j 14:08	27°♋45'45	27°09'01
	-284 Jun 30 j 02:43	0°♌	
retrograde	-284 Jul 11 j 11:50	5°♌03'12	
evening set	-284 Jul 18 j 13:23	2°♌46'12	
min. Earth dist.	-284 Jul 22 j 04:18	0°♌01'18	0.61557 AU
	-284 Jul 22 j 04:55	30°♑℞	
inferior conj	-284 Jul 25 j 07:25	27°♋13'49	-4°-20'-9
minimum elong	-284 Jul 25 j 11:26	27°♋04'49	4°19'30
morning rise	-284 Aug 01 j 12:18	22°♋17'28	
direct	-284 Aug 03 j 22:40	21°♋52'38	
asc. node	-284 Aug 10 j 21:38	25°♋21'02	
morning max el	-284 Aug 10 j 21:50	25°♋21'30	17°58'10
	-284 Aug 14 j 19:17	0°♌	
morning set	-284 Aug 26 j 19:49	20°♌23'25	
	-284 Sep 01 j 02:29	0°♍	
superior conj	-284 Sep 06 j 07:31	9°♍14'33	1°21'28
minimum elong	-284 Sep 06 j 12:12	9°♍34'56	1°20'58
max. Earth dist.	-284 Sep 13 j 18:39	21°♍54'17	1.42379 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-284 Sep 18 j 18:20	0°♎	
desc. node	-284 Sep 19 j 17:59	1°♎34'07	
evening rise	-284 Sep 20 j 08:05	2°♎29'57	
	-284 Oct 08 j 16:38	0°♏	
greatest brilliancy	-284 Oct 17 j 19:39	12°♏09'39	-0.3m
evening max el	-284 Oct 22 j 13:13	17°♏30'42	22°04'15
retrograde	-284 Oct 31 j 21:19	23°♏03'51	
evening set	-284 Nov 05 j 06:20	21°♏20'23	
asc. node	-284 Nov 06 j 20:53	19°♏50'00	
inferior conj	-284 Nov 10 j 15:42	15°♏00'33	1°16'34
minimum elong	-284 Nov 10 j 14:01	15°♏06'22	1°15'53
min. Earth dist.	-284 Nov 10 j 16:48	14°♏56'45	0.67609 AU
morning rise	-284 Nov 15 j 21:30	8°♏45'52	
direct	-284 Nov 20 j 15:03	6°♏48'10	
morning max el	-284 Nov 30 j 08:27	12°♏34'16	22°38'09
greatest brilliancy	-284 Dec 04 j 23:36	17°♏45'22	-0.3m
	-284 Dec 14 j 05:36	0°♐	
desc. node	-284 Dec 16 j 17:16	3°♐32'38	
	-283 Jan 02 j 22:06	0°♑	
morning set	-283 Jan 03 j 05:56	0°♑32'03	
max. Earth dist.	-283 Jan 08 j 06:12	8°♑54'20	1.40342 AU
superior conj	-283 Jan 16 j 01:26	22°♑36'37	-1°-59'-39
minimum elong	-283 Jan 16 j 03:10	22°♑44'30	1°59'38
	-283 Jan 20 j 01:59	0°♒	
evening rise	-283 Jan 26 j 00:05	11°♒09'03	
asc. node	-283 Feb 02 j 20:13	25°♒30'15	
	-283 Feb 05 j 14:42	0°♓	
evening max el	-283 Feb 11 j 04:48	7°♓06'14	18°23'02
retrograde	-283 Feb 18 j 12:40	10°♓43'22	
evening set	-283 Feb 20 j 23:47	10°♓19'58	
inferior conj	-283 Feb 28 j 06:37	5°♓43'06	3°21'17
minimum elong	-283 Feb 28 j 10:00	5°♓36'03	3°20'43
min. Earth dist.	-283 Mar 03 j 16:59	2°♓53'59	0.59022 AU
morning rise	-283 Mar 07 j 16:33	0°♓12'41	
	-283 Mar 08 j 02:12	30°♑℞	
direct	-283 Mar 13 j 23:00	28°♒29'01	
desc. node	-283 Mar 14 j 16:24	28°♒30'24	
	-283 Mar 20 j 00:17	0°♓	
morning max el	-283 Mar 28 j 06:38	6°♓09'52	27°00'06
	-283 Apr 14 j 23:57	0°♈	
morning set	-283 Apr 27 j 12:38	23°♈38'25	
	-283 Apr 30 j 12:30	0°♉	
asc. node	-283 May 01 j 19:30	2°♉47'55	
superior conj	-283 May 04 j 15:22	8°♉59'22	0°29'33
minimum elong	-283 May 04 j 14:05	8°♉52'21	0°29'16
max. Earth dist.	-283 May 04 j 10:37	8°♉33'20	1.32356 AU
evening rise	-283 May 11 j 14:20	24°♉03'05	
	-283 May 14 j 11:40	0°♊	
	-283 Jun 01 j 07:07	0°♋	
evening max el	-283 Jun 09 j 14:45	9°♋34'53	26°19'38
desc. node	-283 Jun 10 j 15:38	10°♋32'28	
retrograde	-283 Jun 23 j 15:17	16°♋48'33	
evening set	-283 Jun 30 j 02:15	15°♋05'04	
min. Earth dist.	-283 Jul 04 j 03:47	12°♋27'45	0.59515 AU
inferior conj	-283 Jul 07 j 11:57	9°♋52'18	-4°-41'-58
minimum elong	-283 Jul 07 j 13:20	9°♋49'35	4°41'54
morning rise	-283 Jul 15 j 03:50	5°♋18'37	
direct	-283 Jul 17 j 14:56	4°♋57'12	
morning max el	-283 Jul 25 j 07:31	8°♋39'12	18°21'56
asc. node	-283 Jul 28 j 18:43	12°♋36'56	
	-283 Aug 08 j 04:00	0°♌	
morning set	-283 Aug 10 j 07:33	4°♌04'46	
superior conj	-283 Aug 19 j 13:30	21°♌32'01	1°39'46
minimum elong	-283 Aug 19 j 16:16	21°♌44'43	1°39'36
	-283 Aug 24 j 06:18	0°♍	
max. Earth dist.	-283 Aug 27 j 01:11	4°♍51'19	1.40501 AU
evening rise	-283 Aug 31 j 16:10	12°♍39'00	
desc. node	-283 Sep 06 j 14:59	22°♍14'00	
	-283 Sep 11 j 16:05	0°♎	
	-283 Oct 04 j 03:55	0°♏	
evening max el	-283 Oct 05 j 03:56	1°♏01'35	23°23'57
retrograde	-283 Oct 15 j 14:36	7°♏12'05	
evening set	-283 Oct 20 j 13:09	5°♏10'19	
asc. node	-283 Oct 24 j 17:57	0°♏25'04	
	-283 Oct 25 j 01:23	30°♎℞	
inferior conj	-283 Oct 25 j 22:45	28°♎46'57	0°24'48
minimum elong	-283 Oct 25 j 22:10	28°♎48'57	0°24'33
min. Earth dist.	-283 Oct 25 j 13:23	29°♎19'01	0.67624 AU
morning rise	-283 Oct 31 j 07:15	22°♎35'54	
direct	-283 Nov 04 j 10:27	21°♎00'42	
morning max el	-283 Nov 13 j 00:14	26°♎01'41	21°15'34
	-283 Nov 16 j 13:51	0°♏	
greatest brilliancy	-283 Nov 18 j 07:17	2°♏07'46	-0.4m
desc. node	-283 Dec 03 j 14:18	23°♏42'08	
	-283 Dec 07 j 18:11	0°♐	
morning set	-283 Dec 13 j 17:15	9°♐14'19	
max. Earth dist.	-283 Dec 21 j 08:39	21°♐30'14	1.42315 AU
	-283 Dec 26 j 11:05	0°♑	
superior conj	-283 Dec 28 j 15:10	3°♑41'51	-1°-59'-47
minimum elong	-283 Dec 28 j 13:00	3°♑32'30	1°59'45
evening rise	-282 Jan 08 j 23:38	23°♑47'54	
	-282 Jan 12 j 10:07	0°♒	
asc. node	-282 Jan 20 j 17:17	13°♒56'34	
evening max el	-282 Jan 25 j 15:00	20°♒05'57	18°08'15
retrograde	-282 Feb 01 j 07:50	23°♒31'52	
evening set	-282 Feb 03 j 23:09	23°♒00'09	
inferior conj	-282 Feb 10 j 15:35	18°♒01'23	3°47'38
minimum elong	-282 Feb 10 j 16:43	17°♒58'40	3°47'34
min. Earth dist.	-282 Feb 13 j 19:08	15°♒01'51	0.61120 AU
morning rise	-282 Feb 17 j 07:35	12°♒12'37	
direct	-282 Feb 24 j 03:55	9°♒54'04	
desc. node	-282 Mar 01 j 13:28	11°♒11'47	
morning max el	-282 Mar 10 j 07:58	17°♒43'11	27°40'37
	-282 Mar 20 j 14:14	0°♓	
	-282 Apr 07 j 15:22	0°♈	
morning set	-282 Apr 11 j 18:48	8°♈16'27	
max. Earth dist.	-282 Apr 17 j 22:34	21°♈21'05	1.32465 AU
asc. node	-282 Apr 18 j 16:34	22°♈59'12	
superior conj	-282 Apr 19 j 02:25	23°♈52'57	0°04'21
minimum elong	-282 Apr 19 j 02:12	23°♈51'50	0°04'19
behind sun begin	-282 Apr 18 j 21:18	23°♈25'04	
behind sun end	-282 Apr 19 j 07:06	24°♈18'37	
	-282 Apr 21 j 21:32	0°♉	
evening rise	-282 Apr 26 j 01:23	8°♉57'56	
	-282 May 06 j 23:42	0°♊	
evening max el	-282 May 22 j 08:34	20°♊39'48	25°02'34
desc. node	-282 May 28 j 12:40	25°♊27'03	
retrograde	-282 Jun 05 j 08:36	27°♊46'59	
evening set	-282 Jun 10 j 16:05	26°♊42'12	
min. Earth dist.	-282 Jun 15 j 20:09	23°♊54'38	0.57529 AU
inferior conj	-282 Jun 18 j 21:24	21°♊51'39	-4°-35'-5
minimum elong	-282 Jun 18 j 18:20	21°♊56'50	4°34'50
morning rise	-282 Jun 27 j 00:28	17°♊40'12	
direct	-282 Jun 29 j 13:43	17°♊21'07	
morning max el	-282 Jul 08 j 09:46	21°♊28'47	19°06'27
	-282 Jul 15 j 04:14	0°♋	
asc. node	-282 Jul 15 j 15:48	0°♋45'20	
morning set	-282 Jul 25 j 05:09	18°♋16'14	
	-282 Jul 31 j 03:17	0°♌	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-282 Aug 02 j 14:07	4°♌46'21	1°46'58	
minimum elong	-282 Aug 02 j 14:43	4°♌49'15	1°46'58	
max. Earth dist.	-282 Aug 09 j 04:26	17°♌07'18	1.38484 AU	
evening rise	-282 Aug 13 j 01:18	23°♌59'19		
	-282 Aug 16 j 13:49	0°♍		
desc. node	-282 Aug 24 j 12:00	12°♍44'39		
	-282 Sep 05 j 10:13	0°♎		
evening max el	-282 Sep 17 j 15:53	14°♎35'48	24°42'52	
retrograde	-282 Sep 29 j 04:05	21°♎18'27		
evening set	-282 Oct 04 j 17:16	18°♎58'47		
min. Earth dist.	-282 Oct 09 j 08:36	13°♎41'50	0.67320 AU	
inferior conj	-282 Oct 10 j 04:29	12°♎35'44	0°-29'-46	
minimum elong	-282 Oct 10 j 05:13	12°♎33'18	0°29'29	
asc. node	-282 Oct 11 j 15:00	10°♎42'52		
morning rise	-282 Oct 15 j 17:35	6°♎30'59		
direct	-282 Oct 19 j 08:04	5°♎16'15		
morning max el	-282 Oct 26 j 23:37	9°♎39'58	20°03'49	
greatest brilliancy	-282 Nov 03 j 03:05	18°♎23'28	-0.6m	
	-282 Nov 11 j 04:10	0°♏		
desc. node	-282 Nov 20 j 11:20	14°♏07'18		
morning set	-282 Nov 22 j 13:54	17°♏22'18		
	-282 Nov 30 j 15:55	0°♐		
max. Earth dist.	-282 Dec 03 j 18:39	4°♐56'57	1.43862 AU	
superior conj	-282 Dec 09 j 02:24	13°♐32'47	-1°-43'-33	
minimum elong	-282 Dec 08 j 19:33	13°♐04'48	1°43'02	
	-282 Dec 18 j 22:52	0°♑		
evening rise	-282 Dec 22 j 05:36	5°♑37'16		
	-281 Jan 06 j 06:39	0°♒		
asc. node	-281 Jan 07 j 14:19	1°♒38'33		
evening max el	-281 Jan 09 j 03:24	3°♒20'11	18°12'51	
retrograde	-281 Jan 15 j 15:14	6°♒48'13		
evening set	-281 Jan 18 j 10:45	6°♒07'18		
inferior conj	-281 Jan 24 j 16:12	0°♒48'00	3°49'40	
minimum elong	-281 Jan 24 j 15:18	0°♒50'28	3°49'36	
	-281 Jan 25 j 09:52	30°℞♑		
min. Earth dist.	-281 Jan 27 j 06:25	28°♑00'30	0.63083 AU	
morning rise	-281 Jan 30 j 17:58	24°♑47'29		
direct	-281 Feb 06 j 17:43	22°♑05'07		
desc. node	-281 Feb 16 j 10:32	26°♑13'58		
morning max el	-281 Feb 20 j 14:44	29°♑57'02	27°44'08	
	-281 Feb 20 j 15:55	0°♒		
	-281 Mar 14 j 13:24	0°♓		
morning set	-281 Mar 26 j 18:59	22°♓33'20		
	-281 Mar 30 j 10:07	0°♈		
max. Earth dist.	-281 Apr 01 j 05:34	3°♈49'09	1.32957 AU	
superior conj	-281 Apr 03 j 10:59	8°♈35'07	0°-22'-7	
minimum elong	-281 Apr 03 j 12:02	8°♈40'48	0°21'55	
asc. node	-281 Apr 05 j 13:37	13°♈08'46		
evening rise	-281 Apr 10 j 13:13	23°♈50'57		
	-281 Apr 13 j 12:31	0°♉		
	-281 May 02 j 16:18	0°♊		
evening max el	-281 May 03 j 23:03	1°♊17'06	23°29'40	
desc. node	-281 May 15 j 09:43	7°♊54'51		
retrograde	-281 May 17 j 13:57	8°♊05'38		
evening set	-281 May 21 j 10:34	7°♊32'51		
min. Earth dist.	-281 May 28 j 09:25	4°♊20'21	0.55938 AU	
inferior conj	-281 May 30 j 10:45	3°♊06'51	-3°-47'-14	
minimum elong	-281 May 30 j 03:56	3°♊17'04	3°45'44	
	-281 Jun 05 j 09:10	30°℞♉		
morning rise	-281 Jun 08 j 00:47	29°♉10'41		
direct	-281 Jun 10 j 17:00	28°♉52'59		
	-281 Jun 15 j 17:48	0°♊		
morning max el	-281 Jun 21 j 02:00	3°♊40'51	20°11'53	
asc. node	-281 Jul 02 j 12:51	19°♊33'31		
	-281 Jul 08 j 00:01	0°♋		
morning set	-281 Jul 09 j 09:29	2°♋48'55		
superior conj	-281 Jul 17 j 04:05	18°♋41'37	1°45'20	
minimum elong	-281 Jul 17 j 03:00	18°♋36'10	1°45'19	
max. Earth dist.	-281 Jul 22 j 09:21	28°♋57'42	1.36583 AU	
	-281 Jul 22 j 22:24	0°♌		
evening rise	-281 Jul 26 j 08:58	6°♌25'16		
	-281 Aug 09 j 09:34	0°♍		
desc. node	-281 Aug 11 j 09:01	3°♍00'22		
evening max el	-281 Aug 31 j 03:12	28°♍12'02	25°53'46	
	-281 Sep 02 j 01:41	0°♎		
retrograde	-281 Sep 12 j 13:03	5°♎17'16		
evening set	-281 Sep 18 j 16:49	2°♎42'40		
	-281 Sep 21 j 09:02	30°℞♍		
min. Earth dist.	-281 Sep 23 j 00:03	28°♍02'01	0.66688 AU	
inferior conj	-281 Sep 24 j 07:04	26°♍24'01	-1°-25'-41	
minimum elong	-281 Sep 24 j 09:14	26°♍17'11	1°24'48	
asc. node	-281 Sep 28 j 12:03	21°♍40'11		
morning rise	-281 Sep 30 j 02:29	20°♍28'22		
direct	-281 Oct 03 j 06:26	19°♍30'43		
morning max el	-281 Oct 10 j 06:15	23°♍26'47	19°06'11	
	-281 Oct 15 j 15:49	0°♎		
morning set	-281 Nov 01 j 20:26	26°♎06'26		
	-281 Nov 04 j 08:05	0°♏		
desc. node	-281 Nov 07 j 08:20	4°♏42'58		
max. Earth dist.	-281 Nov 16 j 10:00	18°♏57'10	1.44793 AU	
superior conj	-281 Nov 18 j 12:55	22°♏18'10	-1°-9'-3	
minimum elong	-281 Nov 18 j 05:03	21°♏47'06	1°08'11	
	-281 Nov 23 j 09:10	0°♐		
evening rise	-281 Dec 03 j 13:39	16°♐29'08		
	-281 Dec 11 j 19:58	0°♑		
evening max el	-281 Dec 23 j 15:18	16°♑42'41	18°36'03	
asc. node	-281 Dec 25 j 11:21	18°♑23'18		
retrograde	-281 Dec 30 j 06:32	20°♑23'55		
evening set	-280 Jan 02 j 07:08	19°♑32'33		
inferior conj	-280 Jan 08 j 04:30	13°♑54'49	3°34'10	
minimum elong	-280 Jan 08 j 02:16	14°♑01'27	3°33'49	
min. Earth dist.	-280 Jan 10 j 03:27	11°♑35'16	0.64741 AU	
morning rise	-280 Jan 13 j 20:10	7°♑46'58		
direct	-280 Jan 20 j 14:53	4°♑55'39		
morning max el	-280 Feb 03 j 00:03	12°♑41'39	27°12'56	
desc. node	-280 Feb 03 j 07:34	13°♑00'35		
	-280 Feb 16 j 22:22	0°♒		
	-280 Mar 06 j 02:29	0°♓		
morning set	-280 Mar 09 j 10:16	6°♓19'38		
max. Earth dist.	-280 Mar 14 j 03:39	15°♓45'46	1.33869 AU	
superior conj	-280 Mar 17 j 15:10	22°♓59'48	0°-48'-50	
minimum elong	-280 Mar 17 j 17:29	23°♓12'04	0°48'24	
	-280 Mar 20 j 22:26	0°♈		
asc. node	-280 Mar 22 j 10:40	3°♈12'36		
evening rise	-280 Mar 24 j 23:59	8°♈36'01		
	-280 Apr 05 j 09:32	0°♉		
evening max el	-280 Apr 14 j 17:16	11°♉57'21	21°55'47	
retrograde	-280 Apr 27 j 07:32	18°♉06'51		
evening set	-280 Apr 29 j 23:44	17°♉50'55		
desc. node	-280 May 01 j 06:45	17°♉32'24		
inferior conj	-280 May 09 j 08:58	13°♉46'28	-2°-15'-9	
minimum elong	-280 May 09 j 02:59	13°♉54'52	2°13'12	
min. Earth dist.	-280 May 08 j 22:28	14°♉01'14	0.55083 AU	
morning rise	-280 May 18 j 07:30	9°♉50'47		
direct	-280 May 21 j 06:25	9°♉31'22		
morning max el	-280 Jun 02 j 07:08	15°♉10'35	21°36'18	
	-280 Jun 13 j 12:46	0°♊		
asc. node	-280 Jun 18 j 09:54	8°♊51'55		
morning set	-280 Jun 22 j 18:14	17°♊36'37		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-280 Jun 28 j 15:51	0°♋		
superior conj	-280 Jun 30 j 03:24	3°♋06'04	1°36'48	
minimum elong	-280 Jun 30 j 01:18	2°♋55'05	1°36'37	
max. Earth dist.	-280 Jul 03 j 21:55	10°♋50'52	1.34987 AU	
evening rise	-280 Jul 08 j 10:25	19°♋44'26		
	-280 Jul 13 j 23:54	0°♌		
desc. node	-280 Jul 28 j 06:03	22°♌54'14		
	-280 Aug 02 j 09:50	0°♍		
evening max el	-280 Aug 12 j 15:07	11°♍45'45	26°48'43	
retrograde	-280 Aug 25 j 16:51	19°♍02'18		
evening set	-280 Sep 01 j 09:37	16°♍18'45		
min. Earth dist.	-280 Sep 05 j 09:24	12°♍15'40	0.65709 AU	
inferior conj	-280 Sep 07 j 04:34	10°♍08'41	-2°-21'-3	
minimum elong	-280 Sep 07 j 08:05	9°♍58'19	2°19'46	
morning rise	-280 Sep 13 j 07:51	4°♍25'15		
asc. node	-280 Sep 14 j 09:05	3°♍58'27		
direct	-280 Sep 16 j 03:41	3°♍40'53		
morning max el	-280 Sep 22 j 18:24	7°♍18'24	18°24'34	
	-280 Oct 08 j 09:53	0°♎		
morning set	-280 Oct 12 j 05:28	6°♎11'28		
desc. node	-280 Oct 24 j 05:21	25°♎25'36		
	-280 Oct 27 j 02:47	0°♏		
superior conj	-280 Oct 27 j 13:17	0°♏41'24	0°-21'-42	
minimum elong	-280 Oct 27 j 10:26	0°♏30'07	0°21'20	
max. Earth dist.	-280 Oct 29 j 04:21	3°♏15'09	1.45009 AU	
evening rise	-280 Nov 12 j 21:52	26°♏22'24		
	-280 Nov 15 j 05:12	0°♐		
greatest brilliancy	-280 Nov 26 j 06:20	17°♐10'40	-0.7m	
	-280 Dec 05 j 20:48	0°♑		
evening max el	-280 Dec 06 j 00:25	0°♑09'23	19°16'26	
asc. node	-280 Dec 11 j 08:22	3°♑56'15		
retrograde	-280 Dec 13 j 02:14	4°♑13'09		
evening set	-280 Dec 16 j 09:27	3°♑09'38		
	-280 Dec 19 j 19:53	30°℞♐		
inferior conj	-280 Dec 22 j 01:06	27°♐15'59	3°06'03	
minimum elong	-280 Dec 21 j 22:19	27°♐24'53	3°05'22	
min. Earth dist.	-280 Dec 23 j 09:19	25°♐32'58	0.66027 AU	
morning rise	-280 Dec 27 j 10:22	21°♐03'31		
direct	-279 Jan 02 j 18:11	18°♐17'13		
morning max el	-279 Jan 15 j 09:24	25°♐44'37	26°13'36	
	-279 Jan 19 j 07:35	0°♑		
desc. node	-279 Jan 20 j 04:35	1°♑01'31		
	-279 Feb 09 j 11:01	0°♒		
morning set	-279 Feb 20 j 12:37	19°♒22'09		
max. Earth dist.	-279 Feb 24 j 14:04	27°♒07'10	1.35244 AU	
	-279 Feb 26 j 01:14	0°♓		
superior conj	-279 Mar 01 j 12:30	6°♓58'41	-1°-14'-27	
minimum elong	-279 Mar 01 j 15:53	7°♓15'57	1°13'55	
evening rise	-279 Mar 09 j 07:44	23°♓05'45		
asc. node	-279 Mar 09 j 07:42	23°♓05'31		
	-279 Mar 12 j 17:56	0°♈		
evening max el	-279 Mar 27 j 20:51	23°♈04'05	20°32'35	
retrograde	-279 Apr 07 j 20:31	28°♈21'12		
evening set	-279 Apr 10 j 00:33	28°♈09'43		
desc. node	-279 Apr 18 j 03:47	24°♈46'55		
inferior conj	-279 Apr 19 j 03:46	24°♈12'23	0°-17'-9	
minimum elong	-279 Apr 19 j 02:58	24°♈13'33	0°16'53	
min. Earth dist.	-279 Apr 20 j 11:51	23°♈25'57	0.55164 AU	
morning rise	-279 Apr 28 j 03:38	19°♈58'55		
direct	-279 May 01 j 18:05	19°♈30'49		
morning max el	-279 May 15 j 02:36	26°♈00'46	23°14'10	
	-279 May 18 j 21:08	0°♉		
asc. node	-279 Jun 05 j 06:56	28°♉31'54		
	-279 Jun 06 j 00:06	0°♊		
morning set	-279 Jun 07 j 05:27	2°♊32'43		
superior conj	-279 Jun 14 j 08:58	17°♊49'18	1°22'52	
minimum elong	-279 Jun 14 j 06:28	17°♊35'56	1°22'31	
max. Earth dist.	-279 Jun 16 j 20:19	23°♊04'28	1.33765 AU	
	-279 Jun 20 j 04:36	0°♋		
evening rise	-279 Jun 22 j 00:51	3°♋42'23		
	-279 Jul 06 j 18:30	0°♌		
desc. node	-279 Jul 15 j 03:05	12°♌16'19		
evening max el	-279 Jul 26 j 02:48	25°♌05'57	27°20'21	
	-279 Aug 01 j 06:35	0°♍		
retrograde	-279 Aug 08 j 14:50	2°♍25'20		
	-279 Aug 15 j 07:19	30°℞♌		
evening set	-279 Aug 15 j 16:56	29°♌42'00		
min. Earth dist.	-279 Aug 19 j 10:20	26°♌15'16	0.64364 AU	
inferior conj	-279 Aug 21 j 18:36	23°♌44'24	-3°-13'-26	
minimum elong	-279 Aug 21 j 23:06	23°♌32'18	3°12'04	
morning rise	-279 Aug 28 j 07:05	18°♌16'43		
direct	-279 Aug 30 j 21:20	17°♌42'07		
asc. node	-279 Sep 01 j 06:07	17°♌51'48		
morning max el	-279 Sep 06 j 09:35	21°♌09'26	18°00'04	
	-279 Sep 13 j 03:15	0°♍		
morning set	-279 Sep 23 j 18:30	17°♍38'16		
	-279 Oct 01 j 03:00	0°♎		
superior conj	-279 Oct 07 j 01:34	9°♎43'40	0°26'26	
minimum elong	-279 Oct 07 j 04:33	9°♎55'43	0°26'02	
desc. node	-279 Oct 11 j 02:23	16°♎12'00		
max. Earth dist.	-279 Oct 11 j 22:50	17°♎33'17	1.44487 AU	
	-279 Oct 19 j 21:10	0°♏		
evening rise	-279 Oct 23 j 10:39	5°♏30'41		
	-279 Nov 08 j 16:07	0°♐		
greatest brilliancy	-279 Nov 12 j 13:14	5°♐28'29	-0.6m	
evening max el	-279 Nov 19 j 04:55	13°♐37'54	20°12'10	
retrograde	-279 Nov 26 j 23:46	18°♐12'18		
asc. node	-279 Nov 28 j 05:23	18°♐03'37		
evening set	-279 Nov 30 j 15:27	16°♐54'40		
inferior conj	-279 Dec 06 j 03:21	10°♐47'56	2°28'43	
minimum elong	-279 Dec 06 j 00:38	10°♐57'05	2°27'51	
min. Earth dist.	-279 Dec 06 j 22:18	9°♐44'19	0.66925 AU	
morning rise	-279 Dec 11 j 09:17	4°♐32'59		
direct	-279 Dec 17 j 02:54	2°♐01'50		
morning max el	-279 Dec 28 j 17:57	8°♐57'10	24°55'25	
desc. node	-278 Jan 07 j 01:37	19°♐55'21		
	-278 Jan 14 j 08:27	0°♑		
	-278 Feb 02 j 01:22	0°♒		
morning set	-278 Feb 02 j 20:57	1°♒26'39		
max. Earth dist.	-278 Feb 06 j 14:02	8°♒10'17	1.37048 AU	
superior conj	-278 Feb 13 j 00:04	20°♒23'41	-1°-37'-1	
minimum elong	-278 Feb 13 j 03:53	20°♒42'25	1°36'37	
	-278 Feb 17 j 19:58	0°♓		
evening rise	-278 Feb 21 j 10:21	7°♓14'13		
asc. node	-278 Feb 24 j 04:44	12°♓42'48		
	-278 Mar 06 j 08:19	0°♈		
evening max el	-278 Mar 10 j 11:34	4°♈47'54	19°26'36	
retrograde	-278 Mar 19 j 18:28	9°♈15'27		
evening set	-278 Mar 21 j 22:29	9°♈01'57		
inferior conj	-278 Mar 30 j 09:29	4°♈55'14	1°33'01	
minimum elong	-278 Mar 30 j 13:03	4°♈49'26	1°31'52	
min. Earth dist.	-278 Apr 02 j 02:20	3°♈10'18	0.56165 AU	
desc. node	-278 Apr 05 j 00:48	1°♈27'56		
morning rise	-278 Apr 07 j 23:53	0°♈10'36		
	-278 Apr 08 j 12:59	30°℞♓		
direct	-278 Apr 12 j 14:49	29°♓22'10		
	-278 Apr 16 j 16:12	0°♈		
morning max el	-278 Apr 26 j 17:24	6°♈30'58	24°54'23	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-278 May 13 j 17:56	0°♉	
morning set	-278 May 22 j 17:28	17°♉31'41	
asc. node	-278 May 23 j 04:00	18°♉27'15	
	-278 May 28 j 12:21	0°♊	
superior conj	-278 May 29 j 18:26	2°♊43'50	1°04'40
minimum elong	-278 May 29 j 16:05	2°♊31'02	1°04'16
max. Earth dist.	-278 May 31 j 02:54	5°♊40'04	1.32923 AU
evening rise	-278 Jun 06 j 00:29	18°♊07'40	
	-278 Jun 12 j 02:07	0°♋	
	-278 Jul 01 j 06:52	0°♌	
desc. node	-278 Jul 02 j 00:06	0°♌53'17	
evening max el	-278 Jul 08 j 11:56	7°♌59'01	27°22'28
retrograde	-278 Jul 22 j 06:29	15°♌17'28	
evening set	-278 Jul 29 j 11:15	12°♌46'36	
min. Earth dist.	-278 Aug 02 j 01:10	9°♌50'08	0.62669 AU
inferior conj	-278 Aug 04 j 22:19	7°♌04'31	-3°-59'-6
minimum elong	-278 Aug 05 j 02:56	6°♌53'25	3°58'05
morning rise	-278 Aug 11 j 21:03	1°♌56'05	
direct	-278 Aug 14 j 08:13	1°♌28'20	
asc. node	-278 Aug 19 j 03:11	3°♌15'05	
morning max el	-278 Aug 21 j 01:03	4°♌53'44	17°53'30
morning set	-278 Sep 06 j 06:06	0°♍09'23	
	-278 Sep 06 j 04:00	0°♍	
superior conj	-278 Sep 17 j 15:32	20°♍02'29	1°05'07
minimum elong	-278 Sep 17 j 20:35	20°♍23'51	1°04'31
	-278 Sep 23 j 15:30	0°♎	
max. Earth dist.	-278 Sep 24 j 13:51	1°♎30'53	1.43301 AU
desc. node	-278 Sep 27 j 23:24	6°♎58'26	
evening rise	-278 Oct 02 j 17:40	14°♎27'45	
	-278 Oct 12 j 22:54	0°♏	
greatest brilliancy	-278 Oct 28 j 00:34	21°♏10'02	-0.4m
evening max el	-278 Nov 02 j 03:36	27°♏06'03	21°20'36
	-278 Nov 05 j 08:51	0°♐	
retrograde	-278 Nov 10 j 20:59	2°♐17'12	
evening set	-278 Nov 14 j 23:08	0°♐43'30	
asc. node	-278 Nov 15 j 02:26	0°♐37'03	
	-278 Nov 15 j 19:38	30°℞♏	
inferior conj	-278 Nov 20 j 08:59	24°♏27'11	1°44'28
minimum elong	-278 Nov 20 j 06:48	24°♏34'40	1°43'39
min. Earth dist.	-278 Nov 20 j 16:12	24°♏02'17	0.67456 AU
morning rise	-278 Nov 25 j 14:10	18°♏11'43	
direct	-278 Nov 30 j 16:20	16°♏01'22	
morning max el	-278 Dec 11 j 02:55	22°♏14'18	23°28'24
greatest brilliancy	-278 Dec 16 j 23:20	28°♏52'11	-0.2m
	-278 Dec 17 j 21:06	0°♐	
desc. node	-278 Dec 24 j 22:39	9°♐26'22	
	-277 Jan 07 j 16:40	0°♑	
morning set	-277 Jan 15 j 04:58	12°♑16'38	
max. Earth dist.	-277 Jan 19 j 09:19	19°♑27'38	1.39124 AU
	-277 Jan 25 j 06:09	0°♒	
superior conj	-277 Jan 26 j 21:50	3°♒04'03	-1°-53'-54
minimum elong	-277 Jan 27 j 00:52	3°♒18'12	1°53'45
evening rise	-277 Feb 05 j 05:08	20°♒53'57	
	-277 Feb 09 j 23:53	0°♓	
asc. node	-277 Feb 11 j 01:46	1°♓58'23	
evening max el	-277 Feb 21 j 12:04	17°♓07'13	18°40'24
retrograde	-277 Mar 01 j 10:04	20°♓58'25	
evening set	-277 Mar 03 j 18:18	20°♓39'23	
inferior conj	-277 Mar 11 j 10:51	16°♓14'34	2°52'02
minimum elong	-277 Mar 11 j 15:07	16°♓06'29	2°51'03
min. Earth dist.	-277 Mar 14 j 19:35	13°♓42'40	0.57858 AU
morning rise	-277 Mar 19 j 07:49	10°♓58'11	
desc. node	-277 Mar 22 j 21:51	9°♓48'06	
direct	-277 Mar 25 j 01:18	9°♓36'33	
morning max el	-277 Apr 08 j 09:44	17°♓09'50	26°21'41
	-277 Apr 18 j 23:30	0°♈	
	-277 May 06 j 00:14	0°♉	
morning set	-277 May 07 j 04:38	2°♉27'49	
asc. node	-277 May 10 j 01:05	8°♉32'39	
superior conj	-277 May 14 j 05:53	17°♉43'10	0°43'09
minimum elong	-277 May 14 j 04:07	17°♉33'26	0°42'47
max. Earth dist.	-277 May 14 j 14:24	18°♉29'51	1.32449 AU
	-277 May 19 j 21:52	0°♊	
evening rise	-277 May 21 j 06:22	2°♊50'52	
	-277 Jun 04 j 23:22	0°♋	
desc. node	-277 Jun 18 j 21:07	18°♋26'26	
evening max el	-277 Jun 20 j 16:06	20°♋13'25	26°51'51
retrograde	-277 Jul 04 j 15:12	27°♋29'59	
evening set	-277 Jul 11 j 12:17	25°♋25'33	
min. Earth dist.	-277 Jul 15 j 05:50	22°♋46'26	0.60696 AU
inferior conj	-277 Jul 18 j 12:24	20°♋01'14	-4°-32'-8
minimum elong	-277 Jul 18 j 15:34	19°♋54'32	4°31'47
morning rise	-277 Jul 25 j 21:59	15°♋14'47	
direct	-277 Jul 28 j 08:24	14°♋51'38	
morning max el	-277 Aug 04 j 13:51	18°♋24'32	18°05'52
asc. node	-277 Aug 06 j 00:16	19°♋54'50	
	-277 Aug 12 j 23:27	0°♌	
morning set	-277 Aug 20 j 10:30	13°♌29'16	
	-277 Aug 29 j 09:43	0°♍	
superior conj	-277 Aug 30 j 08:22	1°♍41'18	1°30'43
minimum elong	-277 Aug 30 j 12:21	1°♍59'02	1°30'22
max. Earth dist.	-277 Sep 06 j 23:12	14°♍51'51	1.41611 AU
evening rise	-277 Sep 12 j 13:02	24°♍01'08	
desc. node	-277 Sep 14 j 20:27	27°♍42'03	
	-277 Sep 16 j 07:31	0°♎	
	-277 Oct 06 j 22:47	0°♏	
greatest brilliancy	-277 Oct 11 j 00:09	5°♏08'28	-0.3m
evening max el	-277 Oct 15 j 20:44	10°♏35'15	22°37'42
retrograde	-277 Oct 25 j 16:14	16°♏25'13	
evening set	-277 Oct 30 j 06:47	14°♏34'00	
asc. node	-277 Nov 01 j 23:29	11°♏46'34	
inferior conj	-277 Nov 04 j 16:03	8°♏11'52	0°55'03
minimum elong	-277 Nov 04 j 14:48	8°♏16'12	0°54'31
min. Earth dist.	-277 Nov 04 j 12:37	8°♏23'44	0.67654 AU
morning rise	-277 Nov 09 j 22:45	1°♏58'17	
direct	-277 Nov 14 j 09:55	0°♏10'27	
morning max el	-277 Nov 23 j 15:19	5°♏37'14	22°01'54
greatest brilliancy	-277 Nov 28 j 09:02	10°♏58'06	-0.4m
desc. node	-277 Dec 11 j 19:42	29°♏24'06	
	-277 Dec 12 j 05:28	0°♐	
morning set	-277 Dec 26 j 07:59	21°♐42'19	
	-277 Dec 31 j 09:50	0°♑	
max. Earth dist.	-276 Jan 01 j 07:12	1°♑29'06	1.41217 AU
superior conj	-276 Jan 09 j 00:51	14°♑47'39	-2°-1'-26
minimum elong	-276 Jan 09 j 01:10	14°♑49'03	2°01'27
	-276 Jan 17 j 09:42	0°♒	
evening rise	-276 Jan 19 j 12:50	3°♒57'19	
asc. node	-276 Jan 28 j 22:49	20°♒45'14	
	-276 Feb 04 j 21:44	0°♓	
evening max el	-276 Feb 04 j 19:40	29°♒55'01	18°14'21
retrograde	-276 Feb 11 j 19:57	3°♓25'40	
evening set	-276 Feb 14 j 08:47	2°♓59'00	
	-276 Feb 19 j 06:57	30°℞♒	
inferior conj	-276 Feb 21 j 09:06	28°♒13'02	3°35'57
minimum elong	-276 Feb 21 j 11:34	28°♒07'34	3°35'39
min. Earth dist.	-276 Feb 24 j 17:53	25°♒16'03	0.59912 AU
morning rise	-276 Feb 28 j 10:59	22°♒33'31	
direct	-276 Mar 06 j 00:40	20°♒33'48	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-276 Mar 08 j 18:54	20°♒54'02	
morning max el	-276 Mar 20 j 07:26	28°♒19'56	27°21'48
	-276 Mar 21 j 22:41	0°♓	
	-276 Apr 11 j 16:06	0°♈	
morning set	-276 Apr 20 j 13:09	17°♈14'14	
asc. node	-276 Apr 25 j 22:08	28°♈42'54	
	-276 Apr 26 j 12:15	0°♉	
max. Earth dist.	-276 Apr 27 j 03:05	1°♉21'13	1.32346 AU
superior conj	-276 Apr 27 j 17:33	2°♉40'32	0°19'04
minimum elong	-276 Apr 27 j 16:42	2°♉35'52	0°18'53
evening rise	-276 May 04 j 16:06	17°♉43'22	
	-276 May 10 j 18:25	0°♊	
	-276 May 30 j 20:37	0°♋	
evening max el	-276 Jun 01 j 13:35	1°♋42'27	25°49'47
desc. node	-276 Jun 04 j 18:11	4°♋28'28	
retrograde	-276 Jun 15 j 15:02	8°♋54'58	
evening set	-276 Jun 21 j 15:31	7°♋27'58	
min. Earth dist.	-276 Jun 26 j 02:06	4°♋48'12	0.58635 AU
inferior conj	-276 Jun 29 j 09:08	2°♋23'56	-4°-43'-22
minimum elong	-276 Jun 29 j 08:47	2°♋24'34	4°43'23
	-276 Jul 02 j 20:39	30°℞♊	
morning rise	-276 Jul 07 j 05:47	28°♊00'07	
direct	-276 Jul 09 j 17:26	27°♊39'58	
	-276 Jul 16 j 01:20	0°♋	
morning max el	-276 Jul 17 j 20:47	1°♋31'36	18°38'19
asc. node	-276 Jul 22 j 21:21	7°♋34'36	
morning set	-276 Aug 03 j 02:52	27°♋24'19	
	-276 Aug 04 j 10:56	0°♌	
superior conj	-276 Aug 11 j 22:59	14°♌24'50	1°44'02
minimum elong	-276 Aug 12 j 00:48	14°♌33'23	1°43'57
max. Earth dist.	-276 Aug 19 j 03:22	27°♌28'22	1.39643 AU
	-276 Aug 20 j 14:08	0°♍	
evening rise	-276 Aug 23 j 07:45	4°♍40'25	
desc. node	-276 Aug 31 j 17:29	18°♍18'34	
	-276 Sep 08 j 11:37	0°♎	
evening max el	-276 Sep 27 j 09:59	24°♎07'27	23°58'01
	-276 Oct 05 j 11:51	0°♏	
retrograde	-276 Oct 08 j 08:06	0°♏32'57	
	-276 Oct 11 j 00:00	30°℞♎	
evening set	-276 Oct 13 j 12:40	28°♎23'38	
inferior conj	-276 Oct 18 j 22:47	21°♎59'49	0°01'56
minimum elong	-276 Oct 18 j 22:44	21°♎59'59	0°01'54
transit middle	-276 Oct 18 j 22:44	21°♎59'59	0°01'54
transit begin	-276 Oct 18 j 20:02	22°♎09'09	
transit end	-276 Oct 19 j 01:26	21°♎50'48	
min. Earth dist.	-276 Oct 18 j 09:03	22°♎46'23	0.67535 AU
asc. node	-276 Oct 18 j 20:32	22°♎07'26	
morning rise	-276 Oct 24 j 09:00	15°♎50'47	
direct	-276 Oct 28 j 06:32	14°♎24'34	
morning max el	-276 Nov 05 j 10:08	19°♎08'52	20°43'20
greatest brilliancy	-276 Nov 11 j 09:16	26°♎10'31	-0.5m
	-276 Nov 14 j 05:39	0°♏	
desc. node	-276 Nov 27 j 16:45	19°♏40'53	
morning set	-276 Dec 04 j 10:24	0°♐01'43	
	-276 Dec 04 j 09:57	0°♐	
max. Earth dist.	-276 Dec 13 j 12:24	14°♐26'04	1.43039 AU
superior conj	-276 Dec 20 j 03:43	25°♐22'14	-1°-55'-7
minimum elong	-276 Dec 19 j 23:27	25°♐04'21	1°54'56
	-276 Dec 22 j 21:26	0°♑	
evening rise	-275 Jan 01 j 05:25	16°♑15'57	
	-275 Jan 09 j 01:53	0°♒	
asc. node	-275 Jan 14 j 19:52	8°♒54'19	
evening max el	-275 Jan 18 j 07:15	13°♒02'29	18°07'58
retrograde	-275 Jan 24 j 20:44	16°♒27'28	
evening set	-275 Jan 27 j 13:51	15°♒51'55	
inferior conj	-275 Feb 03 j 01:14	10°♒44'30	3°51'00
minimum elong	-275 Feb 03 j 01:26	10°♒44'01	3°50'59
min. Earth dist.	-275 Feb 05 j 23:44	7°♒47'30	0.61987 AU
morning rise	-275 Feb 09 j 10:42	4°♒50'17	
direct	-275 Feb 16 j 09:54	2°♒19'34	
desc. node	-275 Feb 23 j 15:56	4°♒39'55	
morning max el	-275 Mar 02 j 11:07	10°♒10'38	27°46'34
	-275 Mar 17 j 22:19	0°♓	
	-275 Apr 03 j 20:28	0°♈	
morning set	-275 Apr 04 j 17:03	1°♈44'13	
max. Earth dist.	-275 Apr 10 j 13:16	14°♈01'39	1.32623 AU
superior conj	-275 Apr 12 j 03:46	17°♈30'17	0°-6'-47
minimum elong	-275 Apr 12 j 04:05	17°♈32'00	0°06'43
behind sun begin	-275 Apr 11 j 23:25	17°♈06'34	
behind sun end	-275 Apr 12 j 08:46	17°♈57'26	
asc. node	-275 Apr 12 j 19:11	18°♈54'07	
	-275 Apr 17 j 21:56	0°♉	
evening rise	-275 Apr 19 j 03:43	2°♉38'24	
	-275 May 04 j 01:50	0°♊	
evening max el	-275 May 14 j 05:29	12°♊33'08	24°24'13
desc. node	-275 May 22 j 15:11	18°♊24'52	
retrograde	-275 May 28 j 03:14	19°♊33'54	
evening set	-275 Jun 01 j 19:57	18°♊44'34	
min. Earth dist.	-275 Jun 07 j 16:55	15°♊47'45	0.56783 AU
inferior conj	-275 Jun 10 j 09:54	14°♊04'30	-4°-20'-25
minimum elong	-275 Jun 10 j 04:54	14°♊12'28	4°19'42
morning rise	-275 Jun 18 j 17:38	10°♊00'23	
direct	-275 Jun 21 j 08:02	9°♊42'00	
morning max el	-275 Jun 30 j 18:54	14°♊05'26	19°31'44
asc. node	-275 Jul 09 j 18:24	26°♊00'54	
	-275 Jul 12 j 01:08	0°♋	
morning set	-275 Jul 18 j 03:38	11°♋45'16	
superior conj	-275 Jul 26 j 05:46	27°♋57'23	1°47'14
minimum elong	-275 Jul 26 j 05:35	27°♋56'27	1°47'14
	-275 Jul 27 j 06:49	0°♌	
max. Earth dist.	-275 Aug 01 j 06:37	9°♌30'13	1.37652 AU
evening rise	-275 Aug 05 j 02:59	16°♌29'41	
	-275 Aug 13 j 01:39	0°♍	
desc. node	-275 Aug 18 j 14:31	8°♍43'24	
	-275 Sep 02 j 23:01	0°♎	
evening max el	-275 Sep 09 j 21:40	7°♎43'24	25°14'33
retrograde	-275 Sep 21 j 19:37	14°♎36'20	
evening set	-275 Sep 27 j 15:03	12°♎10'05	
min. Earth dist.	-275 Oct 02 j 02:58	7°♎08'14	0.67095 AU
inferior conj	-275 Oct 03 j 03:24	5°♎48'36	0°-53'-24
minimum elong	-275 Oct 03 j 04:44	5°♎44'15	0°52'51
asc. node	-275 Oct 05 j 17:35	2°♎35'16	
	-275 Oct 08 j 11:31	30°℞♍	
morning rise	-275 Oct 08 j 18:58	29°♍47'12	
direct	-275 Oct 12 j 04:47	28°♍39'59	
	-275 Oct 16 j 03:27	0°♎	
morning max el	-275 Oct 19 j 12:38	2°♎50'28	19°37'22
greatest brilliancy	-275 Oct 27 j 22:15	13°♎27'09	-0.6m
	-275 Nov 07 j 23:30	0°♏	
morning set	-275 Nov 13 j 08:19	8°♏16'46	
desc. node	-275 Nov 14 j 13:46	10°♏10'56	
max. Earth dist.	-275 Nov 26 j 01:19	28°♏10'23	1.44348 AU
	-275 Nov 27 j 04:54	0°♐	
superior conj	-275 Nov 30 j 03:37	4°♐42'42	-1°-31'-2
minimum elong	-275 Nov 29 j 19:35	4°♐10'26	1°30'18
evening rise	-275 Dec 14 j 02:30	27°♐41'25	
	-275 Dec 15 j 11:23	0°♑	
asc. node	-274 Jan 01 j 16:53	26°♑13'37	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-274 Jan 01 j 19:47	26°♑21'01	18°20'31
retrograde	-274 Jan 08 j 07:55	29°♑53'05	
evening set	-274 Jan 11 j 05:35	29°♑07'42	
inferior conj	-274 Jan 17 j 07:15	23°♑40'11	3°44'51
minimum elong	-274 Jan 17 j 05:41	23°♑44'36	3°44'41
min. Earth dist.	-274 Jan 19 j 14:57	21°♑03'22	0.63838 AU
morning rise	-274 Jan 23 j 04:16	17°♑36'25	
direct	-274 Jan 30 j 02:50	14°♑48'36	
desc. node	-274 Feb 10 j 12:58	20°♑30'28	
morning max el	-274 Feb 12 j 19:09	22°♑38'16	27°34'46
	-274 Feb 19 j 07:57	0°♒	
	-274 Mar 11 j 03:17	0°♓	
morning set	-274 Mar 19 j 13:47	15°♓48'43	
max. Earth dist.	-274 Mar 24 j 16:59	26°♓17'34	1.33298 AU
	-274 Mar 26 j 11:09	0°♈	
superior conj	-274 Mar 27 j 10:41	2°♈05'24	0°-33'-30
minimum elong	-274 Mar 27 j 12:18	2°♈13'58	0°33'10
asc. node	-274 Mar 30 j 16:13	9°♈01'28	
evening rise	-274 Apr 03 j 15:17	17°♈28'36	
	-274 Apr 09 j 21:05	0°♉	
evening max el	-274 Apr 25 j 20:40	23°♉07'22	22°48'58
retrograde	-274 May 09 j 02:40	29°♉41'08	
desc. node	-274 May 09 j 12:11	29°♉40'47	
evening set	-274 May 12 j 09:52	29°♉17'17	
min. Earth dist.	-274 May 20 j 05:28	25°♉50'54	0.55474 AU
inferior conj	-274 May 21 j 15:40	25°♉01'48	-3°-13'-2
minimum elong	-274 May 21 j 08:29	25°♉12'08	3°11'05
morning rise	-274 May 30 j 09:51	21°♉08'12	
direct	-274 Jun 02 j 04:31	20°♉50'08	
morning max el	-274 Jun 13 j 06:14	25°♉58'32	20°45'46
	-274 Jun 17 j 00:01	0°♊	
asc. node	-274 Jun 26 j 15:26	15°♊02'41	
morning set	-274 Jul 02 j 10:05	26°♊24'51	
	-274 Jul 04 j 03:49	0°♋	
superior conj	-274 Jul 10 j 00:06	12°♋05'51	1°42'28
minimum elong	-274 Jul 09 j 22:30	11°♋57'41	1°42'22
max. Earth dist.	-274 Jul 14 j 14:37	21°♋20'00	1.35860 AU
evening rise	-274 Jul 18 j 18:47	29°♋19'19	
	-274 Jul 19 j 03:31	0°♌	
desc. node	-274 Aug 05 j 11:32	28°♌50'44	
	-274 Aug 06 j 06:24	0°♍	
evening max el	-274 Aug 23 j 09:17	21°♍19'41	26°19'35
retrograde	-274 Sep 05 j 02:15	28°♍30'20	
evening set	-274 Sep 11 j 12:01	25°♍50'56	
min. Earth dist.	-274 Sep 15 j 16:00	21°♍26'28	0.66316 AU
inferior conj	-274 Sep 17 j 04:04	19°♍35'45	-1°-49'-21
minimum elong	-274 Sep 17 j 06:50	19°♍27'16	1°48'16
asc. node	-274 Sep 22 j 14:37	14°♍03'32	
morning rise	-274 Sep 23 j 02:39	13°♍45'04	
direct	-274 Sep 26 j 02:56	12°♍53'26	
morning max el	-274 Oct 02 j 21:56	16°♍40'09	18°46'34
	-274 Oct 12 j 21:07	0°♎	
morning set	-274 Oct 24 j 01:15	17°♎33'54	
	-274 Oct 31 j 22:02	0°♏	
desc. node	-274 Nov 01 j 10:48	0°♏50'18	
superior conj	-274 Nov 09 j 07:20	13°♏11'38	0°-49'-55
minimum elong	-274 Nov 09 j 01:02	12°♏46'49	0°49'09
max. Earth dist.	-274 Nov 08 j 19:01	12°♏23'12	1.44978 AU
	-274 Nov 19 j 22:20	0°♐	
evening rise	-274 Nov 25 j 00:33	8°♐08'58	
	-274 Dec 08 j 19:32	0°♑	
evening max el	-274 Dec 16 j 06:46	9°♑45'46	18°51'04
asc. node	-274 Dec 19 j 13:54	12°♑29'56	
retrograde	-274 Dec 23 j 01:37	13°♑35'35	
evening set	-274 Dec 26 j 04:50	12°♑39'10	
inferior conj	-274 Dec 31 j 23:29	6°♑54'00	3°23'31
minimum elong	-274 Dec 31 j 20:57	7°♑01'50	3°23'02
min. Earth dist.	-273 Jan 02 j 15:54	4°♑49'38	0.65340 AU
morning rise	-273 Jan 06 j 12:02	0°♑43'50	
	-273 Jan 07 j 09:38	30°℞♐	
direct	-273 Jan 13 j 02:31	27°♐53'31	
	-273 Jan 19 j 11:27	0°♑	
morning max el	-273 Jan 26 j 04:59	5°♑32'56	26°50'36
desc. node	-273 Jan 28 j 10:00	7°♑51'54	
	-273 Feb 13 j 23:32	0°♒	
morning set	-273 Mar 03 j 00:06	29°♒17'43	
	-273 Mar 03 j 08:56	0°♓	
max. Earth dist.	-273 Mar 07 j 10:35	7°♓59'44	1.34407 AU
superior conj	-273 Mar 11 j 12:15	16°♓19'31	0°-59'-56
minimum elong	-273 Mar 11 j 15:05	16°♓34'13	0°59'27
asc. node	-273 Mar 17 j 13:14	29°♓00'52	
	-273 Mar 18 j 00:31	0°♈	
evening rise	-273 Mar 19 j 01:02	2°♈07'44	
	-273 Apr 04 j 04:26	0°♉	
evening max el	-273 Apr 07 j 18:10	3°♉55'21	21°18'24
retrograde	-273 Apr 19 j 17:11	9°♉43'52	
evening set	-273 Apr 22 j 02:12	9°♉30'52	
desc. node	-273 Apr 26 j 09:13	8°♉08'57	
inferior conj	-273 May 01 j 10:33	5°♉31'08	-1°-26'-13
minimum elong	-273 May 01 j 06:30	5°♉36'50	1°24'50
min. Earth dist.	-273 May 01 j 18:21	5°♉20'09	0.54998 AU
morning rise	-273 May 10 j 10:55	1°♉30'24	
direct	-273 May 13 j 14:57	1°♉08'36	
morning max el	-273 May 26 j 06:54	7°♉09'50	22°17'00
	-273 Jun 11 j 04:35	0°♊	
asc. node	-273 Jun 13 j 12:29	4°♊30'50	
morning set	-273 Jun 16 j 20:04	11°♊16'31	
superior conj	-273 Jun 24 j 02:23	26°♊39'05	1°31'28
minimum elong	-273 Jun 24 j 00:02	26°♊26'43	1°31'13
	-273 Jun 25 j 16:40	0°♋	
max. Earth dist.	-273 Jun 27 j 07:15	3°♋19'53	1.34410 AU
evening rise	-273 Jul 02 j 02:12	12°♋55'48	
	-273 Jul 11 j 10:35	0°♌	
desc. node	-273 Jul 23 j 08:33	18°♌32'15	
	-273 Aug 01 j 07:42	0°♍	
evening max el	-273 Aug 05 j 21:00	4°♍47'52	27°05'27
retrograde	-273 Aug 19 j 03:40	12°♍06'59	
evening set	-273 Aug 26 j 01:09	9°♍21'49	
min. Earth dist.	-273 Aug 29 j 21:51	5°♍34'55	0.65176 AU
inferior conj	-273 Aug 31 j 22:39	3°♍16'38	-2°-43'-52
minimum elong	-273 Sep 01 j 02:40	3°♍05'15	2°42'29
	-273 Sep 04 j 00:44	30°℞♌	
morning rise	-273 Sep 07 j 05:44	27°♌39'50	
asc. node	-273 Sep 09 j 11:39	27°♌01'18	
direct	-273 Sep 09 j 22:51	27°♌00'08	
	-273 Sep 15 j 22:31	0°♍	
morning max el	-273 Sep 16 j 11:46	0°♍32'16	18°12'08
morning set	-273 Oct 04 j 22:32	28°♍14'34	
	-273 Oct 06 j 00:05	0°♎	
superior conj	-273 Oct 19 j 10:13	21°♎44'17	0°00'-39
minimum elong	-273 Oct 19 j 10:09	21°♎44'00	0°00'39
behind sun begin	-273 Oct 18 j 23:13	21°♎00'36	
behind sun end	-273 Oct 19 j 21:04	22°♎27'21	
desc. node	-273 Oct 19 j 07:49	21°♎34'46	
max. Earth dist.	-273 Oct 22 j 13:39	26°♎42'38	1.44868 AU
	-273 Oct 24 j 15:49	0°♏	
evening rise	-273 Nov 04 j 23:25	17°♏39'59	
	-273 Nov 12 j 22:29	0°♐	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

greatest brilliancy	-273 Nov 21 j 11:43	12°♐51'25	-0.7m
evening max el	-273 Nov 29 j 14:02	23°♐13'00	19°38'20
asc. node	-273 Dec 06 j 10:55	27°♐28'05	
retrograde	-273 Dec 06 j 22:32	27°♐29'24	
evening set	-273 Dec 10 j 09:01	26°♐20'14	
inferior conj	-273 Dec 15 j 22:51	20°♐20'28	2°51'12
minimum elong	-273 Dec 15 j 20:02	20°♐29'43	2°50'26
min. Earth dist.	-273 Dec 17 j 01:13	18°♐54'01	0.66452 AU
morning rise	-273 Dec 21 j 06:20	14°♐06'24	
direct	-273 Dec 27 j 08:14	11°♐25'36	
morning max el	-272 Jan 08 j 14:14	18°♐41'45	25°42'03
desc. node	-272 Jan 15 j 07:03	26°♐17'40	
	-272 Jan 18 j 04:32	0°♑	
	-272 Feb 07 j 00:31	0°♒	
morning set	-272 Feb 13 j 19:38	11°♒58'22	
max. Earth dist.	-272 Feb 17 j 16:13	19°♒10'42	1.35963 AU
superior conj	-272 Feb 23 j 05:54	0°♓05'25	-1°-24'-32
minimum elong	-272 Feb 23 j 09:35	0°♓23'53	1°24'02
	-272 Feb 23 j 04:49	0°♓	
evening rise	-272 Mar 02 j 06:57	16°♓29'38	
asc. node	-272 Mar 03 j 10:16	18°♓47'58	
	-272 Mar 09 j 06:06	0°♈	
evening max el	-272 Mar 20 j 02:33	15°♈18'09	20°02'11
retrograde	-272 Mar 30 j 08:47	20°♈13'21	
evening set	-272 Apr 01 j 11:33	20°♈01'43	
inferior conj	-272 Apr 10 j 08:38	16°♈02'08	0°32'20
minimum elong	-272 Apr 10 j 10:04	15°♈59'59	0°31'50
desc. node	-272 Apr 12 j 06:14	14°♈53'19	
min. Earth dist.	-272 Apr 12 j 08:34	14°♈49'52	0.55481 AU
morning rise	-272 Apr 19 j 05:43	11°♈35'52	
direct	-272 Apr 23 j 05:30	11°♈00'52	
morning max el	-272 May 06 j 23:55	17°♈50'01	23°57'21
	-272 May 16 j 22:30	0°♉	
asc. node	-272 May 30 j 09:33	24°♉18'25	
morning set	-272 May 31 j 07:51	26°♉14'58	
	-272 Jun 02 j 02:18	0°♊	
superior conj	-272 Jun 07 j 09:56	11°♊28'46	1°15'37
minimum elong	-272 Jun 07 j 07:26	11°♊15'19	1°15'14
max. Earth dist.	-272 Jun 09 j 09:16	15°♊42'44	1.33355 AU
evening rise	-272 Jun 14 j 21:01	27°♊07'16	
	-272 Jun 16 j 07:41	0°♋	
	-272 Jul 03 j 17:43	0°♌	
desc. node	-272 Jul 09 j 05:34	7°♌37'17	
evening max el	-272 Jul 18 j 07:48	17°♌57'56	27°25'09
retrograde	-272 Jul 31 j 23:20	25°♌18'04	
evening set	-272 Aug 08 j 03:27	22°♌38'15	
min. Earth dist.	-272 Aug 11 j 18:44	19°♌25'27	0.63678 AU
inferior conj	-272 Aug 14 j 08:41	16°♌46'36	-3°-33'-58
minimum elong	-272 Aug 14 j 13:23	16°♌34'32	3°32'41
morning rise	-272 Aug 21 j 01:27	11°♌26'46	
direct	-272 Aug 23 j 13:57	10°♌55'33	
asc. node	-272 Aug 26 j 08:44	11°♌34'04	
morning max el	-272 Aug 30 j 03:27	14°♌21'22	17°55'01
	-272 Sep 10 j 00:11	0°♍	
morning set	-272 Sep 15 j 21:52	10°♍10'18	
	-272 Sep 27 j 13:58	0°♎	
superior conj	-272 Sep 28 j 08:33	1°♎16'37	0°44'21
minimum elong	-272 Sep 28 j 12:56	1°♎34'36	0°43'47
max. Earth dist.	-272 Oct 04 j 06:20	10°♎51'32	1.44051 AU
desc. node	-272 Oct 05 j 04:53	12°♎21'30	
evening rise	-272 Oct 14 j 07:26	26°♎37'01	
	-272 Oct 16 j 12:16	0°♏	
greatest brilliancy	-272 Nov 05 j 19:06	29°♏40'34	-0.5m
	-272 Nov 06 j 01:01	0°♐	
evening max el	-272 Nov 11 j 16:07	6°♐41'10	20°40'01
retrograde	-272 Nov 19 j 20:10	11°♐30'52	
asc. node	-272 Nov 22 j 07:59	10°♐55'32	
evening set	-272 Nov 23 j 15:57	10°♐06'51	
inferior conj	-272 Nov 29 j 02:48	3°♐55'46	2°10'43
minimum elong	-272 Nov 29 j 00:16	4°♐04'25	2°09'50
min. Earth dist.	-272 Nov 29 j 16:41	3°♐08'28	0.67190 AU
	-272 Dec 02 j 02:50	30°℞♏	
morning rise	-272 Dec 04 j 08:06	27°♏40'08	
direct	-272 Dec 09 j 19:14	25°♏17'05	
	-272 Dec 18 j 22:07	0°♐	
morning max el	-272 Dec 20 j 22:33	1°♐55'51	24°18'51
desc. node	-271 Jan 01 j 04:06	15°♐28'52	
	-271 Jan 11 j 06:29	0°♑	
morning set	-271 Jan 25 j 18:27	23°♑33'29	
	-271 Jan 29 j 09:48	0°♒	
max. Earth dist.	-271 Jan 29 j 12:46	0°♒13'23	1.37906 AU
superior conj	-271 Feb 05 j 12:12	13°♒13'13	-1°-45'-5
minimum elong	-271 Feb 05 j 15:53	13°♒30'53	1°44'46
evening rise	-271 Feb 14 j 06:37	0°♓26'48	
	-271 Feb 14 j 01:11	0°♓	
asc. node	-271 Feb 18 j 07:20	8°♓16'53	
evening max el	-271 Mar 02 j 21:53	27°♓18'42	19°04'33
	-271 Mar 06 j 09:34	0°♈	
retrograde	-271 Mar 11 j 13:22	1°♈28'23	
evening set	-271 Mar 13 j 19:03	1°♈12'52	
	-271 Mar 17 j 01:43	30°℞♓	
inferior conj	-271 Mar 21 j 22:11	26°♓59'33	2°10'53
minimum elong	-271 Mar 22 j 02:29	26°♓52'06	2°09'39
min. Earth dist.	-271 Mar 25 j 00:11	24°♓52'20	0.56821 AU
morning rise	-271 Mar 30 j 05:47	22°♓00'46	
desc. node	-271 Mar 30 j 03:17	22°♓03'15	
direct	-271 Apr 04 j 08:36	20°♓59'11	
morning max el	-271 Apr 18 j 14:35	28°♓20'22	25°33'51
	-271 Apr 20 j 06:10	0°♈	
	-271 May 10 j 06:12	0°♉	
morning set	-271 May 15 j 19:43	11°♉13'23	
asc. node	-271 May 17 j 06:37	14°♉18'34	
superior conj	-271 May 22 j 20:30	26°♉26'17	0°55'54
minimum elong	-271 May 22 j 18:20	26°♉14'30	0°55'30
max. Earth dist.	-271 May 23 j 18:20	28°♉25'31	1.32682 AU
	-271 May 24 j 11:41	0°♊	
evening rise	-271 May 29 j 23:41	11°♊41'37	
	-271 Jun 08 j 12:43	0°♋	
desc. node	-271 Jun 26 j 02:36	25°♋49'47	
	-271 Jun 30 j 00:15	0°♌	
evening max el	-271 Jun 30 j 15:19	0°♌36'21	27°13'32
retrograde	-271 Jul 14 j 12:13	7°♌53'46	
evening set	-271 Jul 21 j 14:57	5°♌32'52	
min. Earth dist.	-271 Jul 25 j 05:24	2°♌45'20	0.61855 AU
inferior conj	-271 Jul 28 j 07:03	29°♋57'56	-4°-15'-8
minimum elong	-271 Jul 28 j 11:17	29°♋48'16	4°14'24
	-271 Jul 28 j 06:09	30°℞♋	
morning rise	-271 Aug 04 j 10:20	24°♋58'15	
direct	-271 Aug 06 j 20:52	24°♋32'42	
asc. node	-271 Aug 13 j 05:49	27°♋31'23	
morning max el	-271 Aug 13 j 18:05	28°♋00'22	17°56'18
	-271 Aug 15 j 14:09	0°♌	
morning set	-271 Aug 29 j 17:18	23°♌03'57	
	-271 Sep 02 j 13:08	0°♍	
superior conj	-271 Sep 09 j 10:16	12°♍09'56	1°17'35
minimum elong	-271 Sep 09 j 15:07	12°♍30'55	1°17'04
max. Earth dist.	-271 Sep 16 j 19:01	24°♍34'43	1.42633 AU
	-271 Sep 20 j 03:05	0°♎	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-271 Sep 22 j 01:55	3°♎07'08	
evening rise	-271 Sep 23 j 17:42	5°♎44'22	
	-271 Oct 09 j 20:31	0°♏	
greatest brilliancy	-271 Oct 20 j 17:39	14°♏43'53	-0.4m
evening max el	-271 Oct 25 j 12:27	20°♏10'04	21°52'47
retrograde	-271 Nov 03 j 16:35	25°♏37'19	
evening set	-271 Nov 07 j 23:48	23°♏56'23	
asc. node	-271 Nov 09 j 05:02	22°♏50'37	
inferior conj	-271 Nov 13 j 09:15	17°♏37'25	1°24'05
minimum elong	-271 Nov 13 j 07:26	17°♏43'43	1°23'21
min. Earth dist.	-271 Nov 13 j 11:55	17°♏28'13	0.67579 AU
morning rise	-271 Nov 18 j 14:49	11°♏22'34	
direct	-271 Nov 23 j 10:37	9°♏21'30	
morning max el	-271 Dec 03 j 08:21	15°♏14'21	22°51'06
greatest brilliancy	-271 Dec 08 j 00:58	20°♏29'16	-0.3m
	-271 Dec 15 j 08:12	0°♐	
desc. node	-271 Dec 19 j 01:09	5°♐12'29	
	-270 Jan 04 j 06:44	0°♑	
morning set	-270 Jan 06 j 14:25	3°♑47'46	
max. Earth dist.	-270 Jan 11 j 08:25	11°♑47'13	1.40029 AU
superior conj	-270 Jan 19 j 02:44	25°♑31'43	-1°-58'-31
minimum elong	-270 Jan 19 j 04:53	25°♑41'32	1°58'27
	-270 Jan 21 j 13:00	0°♒	
evening rise	-270 Jan 28 j 21:08	13°♒52'19	
asc. node	-270 Feb 05 j 04:23	27°♒21'24	
	-270 Feb 06 j 17:51	0°♓	
evening max el	-270 Feb 14 j 01:52	9°♓51'42	18°26'52
retrograde	-270 Feb 21 j 12:58	13°♓31'58	
evening set	-270 Feb 23 j 23:23	13°♓09'43	
inferior conj	-270 Mar 03 j 08:37	8°♓35'52	3°14'39
minimum elong	-270 Mar 03 j 12:17	8°♓28'25	3°13'58
min. Earth dist.	-270 Mar 06 j 18:58	5°♓50'34	0.58716 AU
morning rise	-270 Mar 10 j 21:25	3°♓08'52	
direct	-270 Mar 17 j 00:47	1°♓31'02	
desc. node	-270 Mar 17 j 00:19	1°♓31'02	
morning max el	-270 Mar 31 j 08:44	9°♓09'51	26°51'07
	-270 Apr 16 j 05:27	0°♈	
morning set	-270 Apr 30 j 06:00	26°♈06'08	
	-270 May 02 j 02:15	0°♉	
asc. node	-270 May 04 j 03:41	4°♉26'27	
superior conj	-270 May 07 j 08:15	11°♉25'23	0°33'12
minimum elong	-270 May 07 j 06:50	11°♉17'36	0°32'55
max. Earth dist.	-270 May 07 j 06:57	11°♉18'16	1.32372 AU
evening rise	-270 May 14 j 07:30	26°♉29'53	
	-270 May 16 j 00:02	0°♊	
	-270 Jun 02 j 05:17	0°♋	
evening max el	-270 Jun 12 j 16:54	12°♋32'01	26°28'52
desc. node	-270 Jun 12 j 23:37	12°♋47'53	
retrograde	-270 Jun 26 j 17:00	19°♋46'16	
evening set	-270 Jul 03 j 07:05	17°♋57'03	
min. Earth dist.	-270 Jul 07 j 06:03	15°♋19'57	0.59823 AU
inferior conj	-270 Jul 10 j 14:10	12°♋41'21	-4°-40'-14
minimum elong	-270 Jul 10 j 16:06	12°♋37'31	4°40'08
morning rise	-270 Jul 18 j 04:26	8°♋04'23	
direct	-270 Jul 20 j 15:20	7°♋42'31	
morning max el	-270 Jul 28 j 04:40	11°♋21'39	18°17'07
asc. node	-270 Jul 31 j 02:54	14°♋38'13	
	-270 Aug 09 j 14:06	0°♌	
morning set	-270 Aug 13 j 03:17	6°♌40'09	
superior conj	-270 Aug 22 j 13:02	24°♌17'58	1°37'45
minimum elong	-270 Aug 22 j 16:08	24°♌32'05	1°37'33
	-270 Aug 25 j 17:04	0°♍	
max. Earth dist.	-270 Aug 30 j 02:27	7°♍38'53	1.40795 AU
evening rise	-270 Sep 03 j 22:16	15°♍43'27	
desc. node	-270 Sep 08 j 22:57	23°♍48'06	
	-270 Sep 12 j 22:55	0°♎	
greatest brilliancy	-270 Oct 02 j 03:44	26°♎53'29	-0.2m
	-270 Oct 04 j 18:17	0°♏	
evening max el	-270 Oct 08 j 03:41	3°♏40'12	23°11'56
retrograde	-270 Oct 18 j 10:23	9°♏45'29	
evening set	-270 Oct 23 j 06:52	7°♏46'21	
asc. node	-270 Oct 27 j 02:05	3°♏33'02	
inferior conj	-270 Oct 28 j 16:20	1°♏23'09	0°32'52
minimum elong	-270 Oct 28 j 15:34	1°♏25'47	0°32'32
min. Earth dist.	-270 Oct 28 j 08:28	1°♏50'11	0.67642 AU
	-270 Oct 29 j 16:43	30°℞♎	
morning rise	-270 Nov 03 j 00:18	25°♎11'27	
direct	-270 Nov 07 j 05:30	23°♎33'07	
morning max el	-270 Nov 15 j 23:12	28°♎40'29	21°27'17
	-270 Nov 17 j 05:30	0°♏	
greatest brilliancy	-270 Nov 21 j 01:49	4°♏31'31	-0.4m
desc. node	-270 Dec 05 j 22:10	25°♏18'52	
	-270 Dec 09 j 00:59	0°♐	
morning set	-270 Dec 17 j 05:27	12°♐39'54	
max. Earth dist.	-270 Dec 24 j 09:42	24°♐14'24	1.42040 AU
	-270 Dec 27 j 20:41	0°♑	
superior conj	-270 Dec 31 j 20:00	6°♑46'44	-2°00'-44
minimum elong	-270 Dec 31 j 18:32	6°♑40'23	2°00'43
evening rise	-269 Jan 11 j 22:52	26°♑37'27	
	-269 Jan 13 j 19:22	0°♒	
asc. node	-269 Jan 23 j 01:24	15°♒53'11	
evening max el	-269 Jan 28 j 11:25	22°♒48'11	18°09'14
retrograde	-269 Feb 04 j 05:54	26°♒15'02	
evening set	-269 Feb 06 j 20:33	25°♒44'41	
inferior conj	-269 Feb 13 j 14:55	20°♒49'10	3°45'23
minimum elong	-269 Feb 13 j 16:24	20°♒45'40	3°45'16
min. Earth dist.	-269 Feb 16 j 20:02	17°♒49'30	0.60805 AU
morning rise	-269 Feb 20 j 09:21	15°♒02'25	
direct	-269 Feb 27 j 04:13	12°♒48'33	
desc. node	-269 Mar 03 j 21:21	13°♒47'48	
morning max el	-269 Mar 13 j 09:14	20°♒37'14	27°36'59
	-269 Mar 21 j 11:47	0°♓	
	-269 Apr 09 j 02:22	0°♈	
morning set	-269 Apr 14 j 12:51	10°♈46'49	
max. Earth dist.	-269 Apr 20 j 19:15	24°♈07'51	1.32420 AU
asc. node	-269 Apr 21 j 00:44	24°♈37'43	
superior conj	-269 Apr 21 j 19:30	26°♈20'17	0°08'17
minimum elong	-269 Apr 21 j 19:07	26°♈18'13	0°08'13
behind sun begin	-269 Apr 21 j 14:47	25°♈54'25	
behind sun end	-269 Apr 21 j 23:28	26°♈42'01	
	-269 Apr 23 j 11:38	0°♉	
evening rise	-269 Apr 28 j 18:16	11°♉24'29	
	-269 May 08 j 06:42	0°♊	
evening max el	-269 May 25 j 11:33	23°♊42'59	25°15'26
desc. node	-269 May 30 j 20:38	28°♊01'40	
	-269 Jun 03 j 18:53	0°♋	
retrograde	-269 Jun 08 j 12:10	0°♋52'05	
	-269 Jun 13 j 05:26	30°℞♊	
evening set	-269 Jun 14 j 00:26	29°♊41'32	
min. Earth dist.	-269 Jun 18 j 23:18	26°♊56'33	0.57806 AU
inferior conj	-269 Jun 22 j 02:39	24°♊47'20	-4°-38'-35
minimum elong	-269 Jun 22 j 00:19	24°♊51'22	4°38'26
morning rise	-269 Jun 30 j 04:04	20°♊32'58	
direct	-269 Jul 02 j 16:51	20°♊13'40	
morning max el	-269 Jul 11 j 08:16	24°♊16'37	18°58'29
	-269 Jul 16 j 04:46	0°♋	
asc. node	-269 Jul 17 j 23:57	2°♋39'47	
morning set	-269 Jul 27 j 23:38	20°♋47'57	
	-269 Aug 01 j 15:34	0°♌	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-269 Aug 05 j 11:16	7°♌25'20	1°46'30
minimum elong	-269 Aug 05 j 12:11	7°♌29'41	1°46'28
max. Earth dist.	-269 Aug 12 j 05:46	19°♌59'58	1.38783 AU
evening rise	-269 Aug 16 j 03:45	26°♌53'37	
	-269 Aug 17 j 23:23	0°♍	
desc. node	-269 Aug 26 j 19:59	14°♍20'42	
	-269 Sep 06 j 12:17	0°♎	
evening max el	-269 Sep 20 j 15:50	17°♎13'43	24°31'22
retrograde	-269 Oct 02 j 00:33	23°♎52'26	
evening set	-269 Oct 07 j 11:29	21°♎35'20	
min. Earth dist.	-269 Oct 12 j 04:04	16°♎13'01	0.67389 AU
inferior conj	-269 Oct 12 j 22:22	15°♎11'50	0°-21'-22
minimum elong	-269 Oct 12 j 22:53	15°♎10'05	0°21'10
asc. node	-269 Oct 13 j 23:07	13°♎49'47	
morning rise	-269 Oct 18 j 10:40	9°♎05'52	
direct	-269 Oct 22 j 02:52	7°♎48'19	
morning max el	-269 Oct 29 j 21:24	12°♎17'10	20°13'32
greatest brilliancy	-269 Nov 05 j 16:40	20°♎30'36	-0.6m
	-269 Nov 12 j 09:07	0°♏	
desc. node	-269 Nov 22 j 19:13	15°♏41'53	
morning set	-269 Nov 26 j 02:42	20°♏47'57	
	-269 Dec 02 j 00:14	0°♐	
max. Earth dist.	-269 Dec 06 j 18:13	7°♐32'35	1.43667 AU
superior conj	-269 Dec 12 j 11:13	16°♐48'18	-1°-47'-11
minimum elong	-269 Dec 12 j 04:57	16°♐22'36	1°46'46
	-269 Dec 20 j 08:13	0°♑	
evening rise	-269 Dec 25 j 07:38	8°♑34'06	
	-268 Jan 07 j 04:31	0°♒	
asc. node	-268 Jan 09 j 22:25	3°♒42'21	
evening max el	-268 Jan 11 j 23:37	6°♒00'20	18°11'03
retrograde	-268 Jan 18 j 11:41	9°♒27'18	
evening set	-268 Jan 21 j 06:31	8°♒47'52	
inferior conj	-268 Jan 27 j 13:24	3°♒31'40	3°50'34
minimum elong	-268 Jan 27 j 12:46	3°♒33'22	3°50'33
min. Earth dist.	-268 Jan 30 j 05:53	0°♒40'59	0.62802 AU
	-268 Jan 30 j 22:11	30°℞♑	
morning rise	-268 Feb 02 j 17:01	27°♑32'34	
direct	-268 Feb 09 j 16:54	24°♑52'37	
desc. node	-268 Feb 18 j 18:23	28°♑30'37	
	-268 Feb 20 j 15:33	0°♒	
morning max el	-268 Feb 23 j 15:13	2°♒44'59	27°45'59
	-268 Mar 14 j 20:31	0°♓	
morning set	-268 Mar 28 j 14:02	25°♓07'18	
	-268 Mar 30 j 23:18	0°♈	
max. Earth dist.	-268 Apr 03 j 03:07	6°♈39'06	1.32850 AU
superior conj	-268 Apr 05 j 04:32	11°♈04'33	0°-18'-3
minimum elong	-268 Apr 05 j 05:23	11°♈09'11	0°17'53
asc. node	-268 Apr 06 j 21:45	14°♈47'44	
evening rise	-268 Apr 12 j 06:03	26°♈18'04	
	-268 Apr 14 j 00:32	0°♉	
	-268 May 02 j 01:01	0°♊	
evening max el	-268 May 06 j 02:10	4°♊22'59	23°44'04
desc. node	-268 May 16 j 17:39	10°♊53'57	
retrograde	-268 May 19 j 19:29	11°♊15'32	
evening set	-268 May 23 j 21:10	10°♊38'58	
min. Earth dist.	-268 May 30 j 12:59	7°♊30'51	0.56135 AU
inferior conj	-268 Jun 01 j 18:54	6°♊09'14	-3°-57'-32
minimum elong	-268 Jun 01 j 12:25	6°♊19'05	3°56'14
morning rise	-268 Jun 10 j 07:19	2°♊11'21	
direct	-268 Jun 12 j 22:55	1°♊53'34	
morning max el	-268 Jun 23 j 02:06	6°♊34'50	20°00'47
asc. node	-268 Jul 03 j 20:59	21°♊22'36	
	-268 Jul 08 j 11:29	0°♋	
morning set	-268 Jul 11 j 03:07	5°♋17'48	
superior conj	-268 Jul 18 j 23:31	21°♋15'11	1°46'05
minimum elong	-268 Jul 18 j 22:39	21°♋10'51	1°46'03
	-268 Jul 23 j 10:28	0°♌	
max. Earth dist.	-268 Jul 24 j 09:52	1°♌51'47	1.36855 AU
evening rise	-268 Jul 28 j 08:22	9°♌10'40	
	-268 Aug 09 j 16:25	0°♍	
desc. node	-268 Aug 12 j 17:01	4°♍39'04	
	-268 Sep 01 j 07:02	0°♎	
evening max el	-268 Sep 02 j 03:14	0°♎50'13	25°43'59
retrograde	-268 Sep 14 j 10:15	7°♎52'43	
evening set	-268 Sep 20 j 11:50	5°♎20'14	
min. Earth dist.	-268 Sep 24 j 20:17	0°♎33'55	0.66806 AU
	-268 Sep 25 j 06:58	30°℞♍	
inferior conj	-268 Sep 26 j 01:33	29°♍00'38	-1°-17'-11
minimum elong	-268 Sep 26 j 03:30	28°♍54'25	1°16'24
asc. node	-268 Sep 29 j 20:09	24°♍38'04	
morning rise	-268 Oct 01 j 19:55	23°♍03'17	
direct	-268 Oct 05 j 01:17	22°♍03'17	
morning max el	-268 Oct 12 j 03:00	26°♍02'52	19°13'43
	-268 Oct 15 j 13:30	0°♎	
morning set	-268 Nov 04 j 06:24	29°♎23'09	
	-268 Nov 04 j 15:50	0°♏	
desc. node	-268 Nov 08 j 16:17	6°♏16'34	
max. Earth dist.	-268 Nov 18 j 08:55	21°♏29'08	1.44701 AU
superior conj	-268 Nov 21 j 00:57	25°♏42'25	-1°-15'-20
minimum elong	-268 Nov 20 j 16:49	25°♏10'11	1°14'28
	-268 Nov 23 j 17:42	0°♐	
evening rise	-268 Dec 05 j 19:13	19°♐35'10	
	-268 Dec 12 j 02:40	0°♑	
evening max el	-268 Dec 25 j 11:47	19°♑22'24	18°31'29
asc. node	-268 Dec 26 j 19:26	20°♑36'56	
retrograde	-267 Jan 01 j 01:57	23°♑00'48	
evening set	-267 Jan 04 j 01:46	22°♑11'03	
inferior conj	-267 Jan 10 j 00:11	16°♑36'01	3°37'21
minimum elong	-267 Jan 09 j 22:06	16°♑42'07	3°37'04
min. Earth dist.	-267 Jan 12 j 01:26	14°♑11'34	0.64519 AU
morning rise	-267 Jan 15 j 17:07	10°♑29'10	
direct	-267 Jan 22 j 13:06	7°♑38'12	
desc. node	-267 Feb 04 j 15:25	15°♑03'40	
morning max el	-267 Feb 05 j 00:13	15°♑25'30	27°19'33
	-267 Feb 17 j 00:04	0°♒	
	-267 Mar 07 j 13:13	0°♓	
morning set	-267 Mar 12 j 06:49	8°♓58'34	
max. Earth dist.	-267 Mar 17 j 02:40	18°♓40'31	1.33704 AU
superior conj	-267 Mar 20 j 09:28	25°♓32'10	0°-44'-49
minimum elong	-267 Mar 20 j 11:37	25°♓43'31	0°44'24
	-267 Mar 22 j 11:55	0°♈	
asc. node	-267 Mar 24 j 18:47	4°♈52'39	
evening rise	-267 Mar 27 j 17:05	11°♈04'34	
	-267 Apr 06 j 13:39	0°♉	
evening max el	-267 Apr 17 j 19:26	15°♉00'48	22°09'22
retrograde	-267 Apr 30 j 14:16	21°♉16'56	
evening set	-267 May 03 j 09:51	20°♉59'25	
desc. node	-267 May 03 j 14:37	20°♉56'54	
min. Earth dist.	-267 May 12 j 01:51	17°♉16'23	0.55156 AU
inferior conj	-267 May 12 j 18:42	16°♉52'38	-2°-31'-29
minimum elong	-267 May 12 j 12:14	17°♉01'46	2°29'28
morning rise	-267 May 21 j 16:16	12°♉58'00	
direct	-267 May 24 j 13:55	12°♉39'02	
morning max el	-267 Jun 05 j 08:45	18°♉10'13	21°22'39
	-267 Jun 14 j 17:15	0°♊	
asc. node	-267 Jun 20 j 18:03	10°♊36'51	
morning set	-267 Jun 25 j 11:19	20°♊03'23	
	-267 Jun 30 j 05:24	0°♋	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-267 Jul	02 j 21:37	5°♋35'29	1°38'28
minimum elong	-267 Jul	02 j 19:38	5°♋25'10	1°38'19
max. Earth dist.	-267 Jul	06 j 21:12	13°♋43'25	1.35206 AU
evening rise	-267 Jul	11 j 07:27	22°♋22'25	
	-267 Jul	15 j 10:19	0°♌	
desc. node	-267 Jul	30 j 14:01	24°♌36'30	
	-267 Aug	03 j 10:07	0°♍	
evening max el	-267 Aug	15 j 15:10	14°♍25'06	26°41'52
retrograde	-267 Aug	28 j 14:46	21°♍40'08	
evening set	-267 Sep	04 j 05:48	18°♍57'31	
min. Earth dist.	-267 Sep	08 j 06:42	14°♍48'49	0.65878 AU
inferior conj	-267 Sep	09 j 23:57	12°♍46'04	-2°-12'-48
minimum elong	-267 Sep	10 j 03:17	12°♍36'08	2°11'33
morning rise	-267 Sep	16 j 01:58	7°♍00'33	
asc. node	-267 Sep	16 j 17:13	6°♍42'26	
direct	-267 Sep	18 j 22:53	6°♍14'22	
morning max el	-267 Sep	25 j 14:28	9°♍53'58	18°29'43
	-267 Oct	09 j 17:10	0°♎	
morning set	-267 Oct	15 j 11:11	9°♎15'47	
desc. node	-267 Oct	26 j 13:20	26°♎58'36	
	-267 Oct	28 j 11:15	0°♏	
superior conj	-267 Oct	31 j 01:29	4°♏05'13	0°-29'-14
minimum elong	-267 Oct	30 j 21:38	3°♏50'04	0°28'44
max. Earth dist.	-267 Nov	01 j 03:25	5°♏47'11	1.45026 AU
evening rise	-267 Nov	16 j 07:00	29°♏37'22	
	-267 Nov	16 j 12:44	0°♐	
greatest brilliancy	-267 Nov	28 j 00:08	18°♐01'51	-0.7m
	-267 Dec	06 j 10:08	0°♑	
evening max el	-267 Dec	08 j 21:31	2°♑49'02	19°09'20
asc. node	-267 Dec	13 j 16:28	6°♑22'03	
retrograde	-267 Dec	15 j 21:14	6°♑48'45	
evening set	-267 Dec	19 j 03:24	5°♑47'05	
inferior conj	-267 Dec	24 j 19:46	29°♐55'30	3°10'57
minimum elong	-267 Dec	24 j 17:02	0°♑04'12	3°10'19
	-267 Dec	24 j 18:22	30°℞♐	
min. Earth dist.	-267 Dec	26 j 06:02	28°♐06'56	0.65864 AU
morning rise	-267 Dec	30 j 05:47	23°♐43'41	
direct	-266 Jan	05 j 15:30	20°♐56'02	
morning max el	-266 Jan	18 j 09:44	28°♐26'41	26°23'51
	-266 Jan	19 j 21:45	0°♑	
desc. node	-266 Jan	22 j 12:29	2°♑55'06	
	-266 Feb	10 j 18:33	0°♒	
morning set	-266 Feb	23 j 11:24	22°♒08'12	
max. Earth dist.	-266 Feb	27 j 14:59	0°♓06'56	1.35016 AU
	-266 Feb	27 j 13:35	0°♓	
superior conj	-266 Mar	04 j 08:01	9°♓35'11	-1°-10'-43
minimum elong	-266 Mar	04 j 11:16	9°♓51'53	1°10'11
asc. node	-266 Mar	11 j 15:49	24°♓47'20	
evening rise	-266 Mar	12 j 01:25	25°♓36'54	
	-266 Mar	14 j 05:04	0°♈	
evening max el	-266 Mar	30 j 21:19	26°♈01'50	20°43'55
	-266 Apr	05 j 07:03	0°♉	
retrograde	-266 Apr	11 j 03:06	1°♉27'05	
evening set	-266 Apr	13 j 08:02	1°♉15'24	
	-266 Apr	17 j 09:03	30°℞♈	
desc. node	-266 Apr	20 j 11:38	28°♈27'27	
inferior conj	-266 Apr	22 j 12:58	27°♈17'58	0°-35'-19
minimum elong	-266 Apr	22 j 11:18	27°♈20'22	0°34'43
min. Earth dist.	-266 Apr	23 j 14:58	26°♈40'46	0.55090 AU
morning rise	-266 May	01 j 13:19	23°♈08'29	
direct	-266 May	05 j 00:48	22°♈42'21	
morning max el	-266 May	18 j 05:22	29°♈04'56	22°59'15
	-266 May	19 j 04:05	0°♉	
asc. node	-266 Jun	07 j 15:08	0°♊14'06	
	-266 Jun	07 j 12:21	0°♊	
morning set	-266 Jun	09 j 22:19	4°♊58'44	
superior conj	-266 Jun	17 j 02:26	20°♊16'30	1°25'16
minimum elong	-266 Jun	16 j 23:58	20°♊03'18	1°24'58
max. Earth dist.	-266 Jun	19 j 18:16	25°♊53'59	1.33918 AU
	-266 Jun	21 j 17:44	0°♋	
evening rise	-266 Jun	24 j 20:12	6°♋15'20	
	-266 Jul	08 j 01:06	0°♌	
desc. node	-266 Jul	17 j 11:01	14°♌04'12	
evening max el	-266 Jul	29 j 02:58	27°♌48'15	27°17'24
	-266 Jul	31 j 13:39	0°♍	
retrograde	-266 Aug	11 j 13:36	5°♍07'30	
evening set	-266 Aug	18 j 14:47	2°♍23'19	
	-266 Aug	21 j 06:33	30°℞♌	
min. Earth dist.	-266 Aug	22 j 08:59	28°♌51'34	0.64588 AU
inferior conj	-266 Aug	24 j 15:18	26°♌23'45	-3°-5'-51
minimum elong	-266 Aug	24 j 19:42	26°♌11'45	3°04'28
morning rise	-266 Aug	31 j 02:21	20°♌53'38	
direct	-266 Sep	02 j 17:18	20°♌17'46	
asc. node	-266 Sep	03 j 14:19	20°♌21'48	
morning max el	-266 Sep	09 j 05:27	23°♌45'54	18°02'38
	-266 Sep	14 j 05:26	0°♍	
morning set	-266 Sep	26 j 20:20	20°♍31'32	
	-266 Oct	02 j 12:09	0°♎	
superior conj	-266 Oct	10 j 10:48	12°♎58'30	0°19'36
minimum elong	-266 Oct	10 j 13:05	13°♎07'44	0°19'16
desc. node	-266 Oct	13 j 10:22	17°♎44'47	
max. Earth dist.	-266 Oct	14 j 22:13	20°♎07'09	1.44610 AU
	-266 Oct	21 j 05:10	0°♏	
evening rise	-266 Oct	26 j 22:05	8°♏50'58	
	-266 Nov	09 j 19:50	0°♐	
greatest brilliancy	-266 Nov	15 j 03:16	7°♐38'28	-0.6m
evening max el	-266 Nov	22 j 02:48	16°♐17'24	20°02'55
retrograde	-266 Nov	29 j 18:45	20°♐46'56	
asc. node	-266 Nov	30 j 13:31	20°♐43'27	
evening set	-266 Dec	03 j 09:03	19°♐31'30	
inferior conj	-266 Dec	08 j 21:23	13°♐26'23	2°34'54
minimum elong	-266 Dec	08 j 18:38	13°♐35'37	2°34'02
min. Earth dist.	-266 Dec	09 j 18:10	12°♐16'57	0.66817 AU
morning rise	-266 Dec	14 j 03:38	7°♐11'35	
direct	-266 Dec	19 j 23:24	4°♐37'51	
morning max el	-266 Dec	31 j 18:32	11°♐38'51	25°07'49
desc. node	-265 Jan	09 j 09:34	21°♐42'18	
	-265 Jan	15 j 12:02	0°♑	
	-265 Feb	03 j 11:25	0°♒	
morning set	-265 Feb	05 j 22:49	4°♒22'35	
max. Earth dist.	-265 Feb	09 j 16:25	11°♒11'44	1.36761 AU
superior conj	-265 Feb	15 j 21:16	23°♒05'49	-1°-33'-55
minimum elong	-265 Feb	16 j 01:05	23°♒24'40	1°33'28
	-265 Feb	19 j 08:20	0°♓	
evening rise	-265 Feb	24 j 05:00	9°♓49'09	
asc. node	-265 Feb	26 j 12:51	14°♓27'18	
	-265 Mar	07 j 06:39	0°♈	
evening max el	-265 Mar	13 j 10:22	7°♈39'50	19°35'08
retrograde	-265 Mar	22 j 23:11	12°♈14'21	
evening set	-265 Mar	25 j 02:38	12°♈01'29	
inferior conj	-265 Apr	02 j 16:21	7°♈56'50	1°18'02
minimum elong	-265 Apr	02 j 19:28	7°♈51'51	1°17'00
min. Earth dist.	-265 Apr	05 j 05:19	6°♈20'04	0.55961 AU
desc. node	-265 Apr	07 j 08:42	5°♈04'26	
morning rise	-265 Apr	11 j 08:46	3°♈17'02	
direct	-265 Apr	15 j 19:32	2°♈32'37	
morning max el	-265 Apr	29 j 20:35	9°♈36'52	24°40'02
	-265 May	15 j 01:01	0°♉	
morning set	-265 May	25 j 10:20	19°♉57'46	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-265 May 25 j 12:11	20°♉07'30	
	-265 May 30 j 02:28	0°♊	
superior conj	-265 Jun 01 j 11:28	5°♊10'00	1°07'39
minimum elong	-265 Jun 01 j 09:04	4°♊56'56	1°07'16
max. Earth dist.	-265 Jun 02 j 23:44	8°♊26'19	1.33016 AU
evening rise	-265 Jun 08 j 18:40	20°♊37'10	
	-265 Jun 13 j 12:59	0°♋	
	-265 Jul 02 j 03:17	0°♌	
desc. node	-265 Jul 04 j 08:02	2°♌49'14	
evening max el	-265 Jul 11 j 12:34	10°♌46'05	27°24'15
retrograde	-265 Jul 25 j 06:24	18°♌05'14	
evening set	-265 Aug 01 j 11:20	15°♌31'26	
min. Earth dist.	-265 Aug 05 j 01:21	12°♌31'16	0.62938 AU
inferior conj	-265 Aug 07 j 20:46	9°♌46'50	-3°-52'-51
minimum elong	-265 Aug 08 j 01:28	9°♌35'22	3°51'46
morning rise	-265 Aug 14 j 17:57	4°♌35'29	
direct	-265 Aug 17 j 05:23	4°♌06'56	
asc. node	-265 Aug 21 j 11:24	5°♌32'32	
morning max el	-265 Aug 23 j 21:07	7°♌32'08	17°53'18
	-265 Sep 07 j 13:34	0°♍	
morning set	-265 Sep 09 j 04:58	2°♍54'14	
superior conj	-265 Sep 20 j 20:39	23°♍05'25	1°00'03
minimum elong	-265 Sep 21 j 01:38	23°♍26'21	0°59'27
	-265 Sep 25 j 00:40	0°♎	
max. Earth dist.	-265 Sep 27 j 13:45	4°♎08'22	1.43514 AU
desc. node	-265 Sep 30 j 07:23	8°♎31'30	
evening rise	-265 Oct 06 j 04:45	17°♎46'36	
	-265 Oct 14 j 05:03	0°♏	
greatest brilliancy	-265 Oct 30 j 19:18	23°♏35'11	-0.4m
evening max el	-265 Nov 05 j 02:20	29°♏45'28	21°09'44
	-265 Nov 05 j 08:03	0°♐	
retrograde	-265 Nov 13 j 16:12	4°♐51'09	
asc. node	-265 Nov 17 j 10:36	3°♐31'09	
evening set	-265 Nov 17 j 16:37	3°♐20'02	
	-265 Nov 20 j 22:08	30°℞♏	
inferior conj	-265 Nov 23 j 02:39	27°♏04'50	1°51'35
minimum elong	-265 Nov 23 j 00:23	27°♏12'41	1°50'44
min. Earth dist.	-265 Nov 23 j 11:33	26°♏34'13	0.67399 AU
morning rise	-265 Nov 28 j 07:48	20°♏49'12	
direct	-265 Dec 03 j 12:14	18°♏35'30	
morning max el	-265 Dec 14 j 03:19	24°♏55'34	23°41'28
	-265 Dec 18 j 17:08	0°♐	
desc. node	-265 Dec 27 j 06:37	11°♐08'40	
	-264 Jan 09 j 00:07	0°♑	
morning set	-264 Jan 18 j 10:56	15°♑25'18	
max. Earth dist.	-264 Jan 22 j 11:46	22°♑24'27	1.38803 AU
	-264 Jan 26 j 17:09	0°♒	
superior conj	-264 Jan 29 j 21:26	5°♒54'04	-1°-51'-53
minimum elong	-264 Jan 30 j 00:42	6°♒09'25	1°51'40
evening rise	-264 Feb 08 j 01:11	23°♒34'08	
	-264 Feb 11 j 09:17	0°♓	
asc. node	-264 Feb 13 j 09:54	3°♓47'02	
evening max el	-264 Feb 24 j 09:40	19°♓55'12	18°46'02
retrograde	-264 Mar 03 j 11:54	23°♓50'44	
evening set	-264 Mar 05 j 19:24	23°♓32'44	
inferior conj	-264 Mar 13 j 14:40	19°♓11'08	2°42'23
minimum elong	-264 Mar 13 j 19:01	19°♓03'03	2°41'17
min. Earth dist.	-264 Mar 16 j 22:13	16°♓44'53	0.57572 AU
morning rise	-264 Mar 21 j 14:27	13°♓58'56	
desc. node	-264 Mar 24 j 05:45	13°♓04'06	
direct	-264 Mar 27 j 04:16	12°♓42'42	
morning max el	-264 Apr 10 j 12:26	20°♓13'35	26°10'04
	-264 Apr 18 j 21:21	0°♈	
	-264 May 06 j 12:37	0°♉	
morning set	-264 May 08 j 21:43	4°♉55'01	
asc. node	-264 May 11 j 09:13	10°♉11'50	
superior conj	-264 May 15 j 22:46	20°♉09'27	0°46'36
minimum elong	-264 May 15 j 20:52	19°♉59'06	0°46'14
max. Earth dist.	-264 May 16 j 10:39	21°♉14'37	1.32495 AU
	-264 May 20 j 11:27	0°♊	
evening rise	-264 May 22 j 23:48	5°♊18'39	
	-264 Jun 05 j 04:46	0°♋	
desc. node	-264 Jun 20 j 05:02	20°♋33'38	
evening max el	-264 Jun 22 j 17:35	23°♋06'48	26°58'31
	-264 Jul 03 j 15:02	0°♌	
retrograde	-264 Jul 06 j 16:18	0°♌23'55	
	-264 Jul 09 j 15:59	30°℞♋	
evening set	-264 Jul 13 j 15:12	28°♋14'46	
min. Earth dist.	-264 Jul 17 j 07:33	25°♋33'58	0.61000 AU
inferior conj	-264 Jul 20 j 13:04	22°♋47'31	-4°-28'-21
minimum elong	-264 Jul 20 j 16:35	22°♋39'55	4°27'54
morning rise	-264 Jul 27 j 21:01	17°♋57'36	
direct	-264 Jul 30 j 07:20	17°♋33'57	
morning max el	-264 Aug 06 j 10:27	21°♋05'16	18°02'45
asc. node	-264 Aug 07 j 08:28	22°♋01'34	
	-264 Aug 13 j 04:46	0°♌	
morning set	-264 Aug 22 j 07:10	16°♌07'35	
	-264 Aug 29 j 20:33	0°♍	
superior conj	-264 Sep 01 j 09:40	4°♍32'44	1°27'38
minimum elong	-264 Sep 01 j 13:55	4°♍51'33	1°27'16
max. Earth dist.	-264 Sep 08 j 23:44	17°♍34'30	1.41888 AU
evening rise	-264 Sep 14 j 21:17	27°♍11'57	
desc. node	-264 Sep 16 j 04:24	29°♍15'43	
	-264 Sep 16 j 15:36	0°♎	
	-264 Oct 06 j 23:29	0°♏	
greatest brilliancy	-264 Oct 13 j 02:01	7°♏53'45	-0.3m
evening max el	-264 Oct 17 j 20:13	13°♏14'27	22°25'55
retrograde	-264 Oct 27 j 11:47	18°♏58'41	
evening set	-264 Nov 01 j 00:19	17°♏10'16	
asc. node	-264 Nov 03 j 07:40	14°♏51'33	
inferior conj	-264 Nov 06 j 09:36	10°♏48'49	1°02'49
minimum elong	-264 Nov 06 j 08:12	10°♏53'42	1°02'14
min. Earth dist.	-264 Nov 06 j 07:46	10°♏55'12	0.67646 AU
morning rise	-264 Nov 11 j 15:56	4°♏34'43	
direct	-264 Nov 16 j 05:18	2°♏43'25	
morning max el	-264 Nov 25 j 14:51	8°♏16'59	22°14'22
greatest brilliancy	-264 Nov 30 j 06:46	13°♏31'41	-0.3m
	-264 Dec 12 j 10:20	0°♐	
desc. node	-264 Dec 13 j 03:39	1°♐02'58	
morning set	-264 Dec 28 j 18:17	25°♐03'15	
	-264 Dec 31 j 18:54	0°♑	
max. Earth dist.	-263 Jan 03 j 08:37	4°♑17'11	1.40913 AU
superior conj	-263 Jan 11 j 03:34	17°♑47'06	-2°-1'-6
minimum elong	-263 Jan 11 j 04:26	17°♑51'00	2°01'06
	-263 Jan 17 j 20:18	0°♒	
evening rise	-263 Jan 21 j 10:43	6°♒43'21	
asc. node	-263 Jan 30 j 06:56	22°♒38'54	
	-263 Feb 04 j 07:10	0°♓	
evening max el	-263 Feb 06 j 16:26	2°♓39'38	18°17'00
retrograde	-263 Feb 13 j 19:08	6°♓12'10	
evening set	-263 Feb 16 j 07:22	5°♓46'41	
inferior conj	-263 Feb 23 j 09:53	1°♓03'59	3°31'19
minimum elong	-263 Feb 23 j 12:42	0°♓57'54	3°30'54
	-263 Feb 24 j 15:20	30°℞♒	
min. Earth dist.	-263 Feb 26 j 19:31	28°♒09'11	0.59599 AU
morning rise	-263 Mar 02 j 14:33	25°♒27'31	
direct	-263 Mar 09 j 01:58	23°♒33'14	
desc. node	-263 Mar 11 j 02:48	23°♒44'10	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-263 Mar 22 j 00:12	0°♓	
morning max el	-263 Mar 23 j 09:04	1°♓17'44	27°14'55
	-263 Apr 13 j 00:28	0°♈	
morning set	-263 Apr 23 j 06:43	19°♈43'13	
asc. node	-263 Apr 28 j 06:14	0°♉21'36	
	-263 Apr 28 j 02:16	0°♉	
superior conj	-263 Apr 30 j 10:29	5°♉07'33	0°22'52
minimum elong	-263 Apr 30 j 09:28	5°♉02'01	0°22'39
max. Earth dist.	-263 Apr 29 j 23:22	4°♉06'35	1.32343 AU
evening rise	-263 May 07 j 09:05	20°♉10'21	
	-263 May 12 j 05:06	0°♊	
	-263 May 31 j 06:05	0°♋	
evening max el	-263 Jun 04 j 16:10	4°♋42'45	26°00'45
desc. node	-263 Jun 07 j 02:03	6°♋51'24	
retrograde	-263 Jun 18 j 17:27	11°♋55'42	
evening set	-263 Jun 24 j 21:47	10°♋22'57	
min. Earth dist.	-263 Jun 29 j 04:54	7°♋44'19	0.58940 AU
inferior conj	-263 Jul 02 j 12:33	5°♋15'47	-4°-43'-38
minimum elong	-263 Jul 02 j 12:51	5°♋15'13	4°43'38
morning rise	-263 Jul 10 j 07:31	0°♋48'29	
direct	-263 Jul 12 j 18:56	0°♋27'54	
morning max el	-263 Jul 20 j 18:21	4°♋16'04	18°32'10
asc. node	-263 Jul 25 j 05:29	9°♋32'58	
morning set	-263 Aug 05 j 21:59	29°♋58'06	
	-263 Aug 05 j 22:22	0°♌	
superior conj	-263 Aug 14 j 21:21	17°♌07'28	1°42'43
minimum elong	-263 Aug 14 j 23:30	17°♌17'30	1°42'36
max. Earth dist.	-263 Aug 22 j 04:37	0°♍18'05	1.39944 AU
	-263 Aug 22 j 00:28	0°♍	
evening rise	-263 Aug 26 j 12:14	7°♍40'44	
desc. node	-263 Sep 03 j 01:25	19°♍53'44	
	-263 Sep 09 j 16:55	0°♎	
evening max el	-263 Sep 30 j 09:58	26°♎46'41	23°46'10
	-263 Oct 04 j 00:20	0°♏	
retrograde	-263 Oct 11 j 04:06	3°♏06'57	
evening set	-263 Oct 16 j 06:32	1°♏00'20	
	-263 Oct 17 j 08:31	30°℞♎	
min. Earth dist.	-263 Oct 21 j 04:17	25°♎18'08	0.67573 AU
asc. node	-263 Oct 21 j 04:42	25°♎16'43	
inferior conj	-263 Oct 21 j 16:28	24°♎36'38	0°10'10
minimum elong	-263 Oct 21 j 16:13	24°♎37'28	0°10'03
transit middle	-263 Oct 21 j 16:13	24°♎37'28	0°10'03
transit begin	-263 Oct 21 j 14:05	24°♎44'45	
transit end	-263 Oct 21 j 18:21	24°♎30'12	
morning rise	-263 Oct 27 j 02:02	18°♎26'50	
direct	-263 Oct 31 j 01:33	16°♎57'27	
morning max el	-263 Nov 08 j 08:32	21°♎47'18	20°54'20
greatest brilliancy	-263 Nov 14 j 01:36	28°♎27'47	-0.5m
	-263 Nov 15 j 05:49	0°♏	
desc. node	-263 Nov 30 j 00:41	21°♏17'32	
	-263 Dec 05 j 17:27	0°♐	
morning set	-263 Dec 07 j 23:25	3°♐29'37	
max. Earth dist.	-263 Dec 16 j 12:54	17°♐07'23	1.42798 AU
superior conj	-263 Dec 23 j 10:19	28°♐32'46	-1°-57'-9
minimum elong	-263 Dec 23 j 06:48	28°♐17'54	1°57'02
	-263 Dec 24 j 06:54	0°♑	
evening rise	-262 Jan 04 j 05:48	19°♑09'12	
	-262 Jan 10 j 08:45	0°♒	
asc. node	-262 Jan 17 j 03:58	10°♒54'23	
evening max el	-262 Jan 21 j 03:34	15°♒44'32	18°07'40
retrograde	-262 Jan 27 j 17:58	19°♒09'30	
evening set	-262 Jan 30 j 10:30	18°♒35'15	
inferior conj	-262 Feb 05 j 23:34	13°♒30'50	3°50'11
minimum elong	-262 Feb 06 j 00:06	13°♒29'32	3°50'11
min. Earth dist.	-262 Feb 08 j 23:57	10°♒32'32	0.61689 AU
morning rise	-262 Feb 12 j 11:15	7°♒38'27	
direct	-262 Feb 19 j 09:41	5°♒11'46	
desc. node	-262 Feb 25 j 23:50	7°♒07'41	
morning max el	-262 Mar 05 j 11:53	13°♒02'05	27°45'15
	-262 Mar 19 j 01:06	0°♓	
	-262 Apr 05 j 08:36	0°♈	
morning set	-262 Apr 07 j 11:24	4°♈15'56	
max. Earth dist.	-262 Apr 13 j 10:14	16°♈49'48	1.32561 AU
superior conj	-262 Apr 14 j 20:59	19°♈58'31	0°-2'-46
minimum elong	-262 Apr 14 j 21:06	19°♈59'14	0°02'46
behind sun begin	-262 Apr 14 j 16:04	19°♈31'46	
behind sun end	-262 Apr 15 j 02:09	20°♈26'42	
asc. node	-262 Apr 15 j 03:16	20°♈32'47	
	-262 Apr 19 j 11:26	0°♉	
evening rise	-262 Apr 21 j 20:31	5°♉05'21	
	-262 May 05 j 03:54	0°♊	
evening max el	-262 May 17 j 08:39	15°♊38'01	24°37'52
desc. node	-262 May 24 j 23:04	21°♊09'17	
retrograde	-262 May 31 j 07:20	22°♊41'08	
evening set	-262 Jun 05 j 05:22	21°♊46'36	
min. Earth dist.	-262 Jun 10 j 20:07	18°♊53'19	0.57035 AU
inferior conj	-262 Jun 13 j 16:20	17°♊02'55	-4°-26'-37
minimum elong	-262 Jun 13 j 11:59	17°♊10'00	4°26'06
morning rise	-262 Jun 21 j 22:26	12°♊56'22	
direct	-262 Jun 24 j 12:27	12°♊37'44	
morning max el	-262 Jul 03 j 17:54	16°♊55'19	19°22'28
asc. node	-262 Jul 12 j 02:30	27°♊53'00	
	-262 Jul 13 j 08:36	0°♋	
morning set	-262 Jul 20 j 21:39	14°♋15'48	
	-262 Jul 28 j 19:08	0°♌	
superior conj	-262 Jul 29 j 02:02	0°♌33'45	1°47'19
minimum elong	-262 Jul 29 j 02:07	0°♌34'09	1°47'18
max. Earth dist.	-262 Aug 04 j 07:50	12°♌24'57	1.37939 AU
evening rise	-262 Aug 08 j 03:58	19°♌19'53	
	-262 Aug 14 j 10:11	0°♍	
desc. node	-262 Aug 20 j 22:26	10°♍20'47	
	-262 Sep 03 j 20:37	0°♎	
evening max el	-262 Sep 12 j 21:42	10°♎22'06	25°03'41
retrograde	-262 Sep 24 j 16:16	17°♎11'30	
evening set	-262 Sep 30 j 09:32	14°♎47'29	
min. Earth dist.	-262 Oct 04 j 22:39	9°♎40'22	0.67181 AU
inferior conj	-262 Oct 05 j 21:29	8°♎25'26	0°-44'-58
minimum elong	-262 Oct 05 j 22:36	8°♎21'45	0°44'29
asc. node	-262 Oct 08 j 01:43	5°♎39'44	
morning rise	-262 Oct 11 j 12:09	2°♎22'51	
direct	-262 Oct 14 j 23:35	1°♎13'03	
morning max el	-262 Oct 22 j 09:57	5°♎27'50	19°46'20
greatest brilliancy	-262 Oct 30 j 07:36	15°♎19'11	-0.6m
	-262 Nov 09 j 05:49	0°♏	
morning set	-262 Nov 16 j 20:21	11°♏40'50	
desc. node	-262 Nov 16 j 21:43	11°♏46'03	
	-262 Nov 28 j 13:16	0°♐	
max. Earth dist.	-262 Nov 29 j 01:01	0°♐46'41	1.44194 AU
superior conj	-262 Dec 03 j 14:05	8°♐03'40	-1°-35'-53
minimum elong	-262 Dec 03 j 06:22	7°♐32'28	1°35'13
	-262 Dec 16 j 19:50	0°♑	
evening rise	-262 Dec 17 j 06:03	0°♑43'16	
asc. node	-261 Jan 04 j 01:01	28°♑22'07	
evening max el	-261 Jan 04 j 16:06	29°♑01'41	18°17'27
	-261 Jan 05 j 16:41	0°♒	
retrograde	-261 Jan 11 j 03:57	2°♒32'05	
evening set	-261 Jan 14 j 00:51	1°♒48'17	
	-261 Jan 16 j 15:03	30°℞♑	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-261 Jan 20 j 03:46	26°♑23'30	3°46'49
minimum elong	-261 Jan 20 j 02:26	26°♑27'14	3°46'44
min. Earth dist.	-261 Jan 22 j 13:44	23°♑42'43	0.63582 AU
morning rise	-261 Jan 26 j 02:23	20°♑20'45	
direct	-261 Feb 02 j 01:30	17°♑34'39	
desc. node	-261 Feb 12 j 20:52	22°♑41'46	
morning max el	-261 Feb 15 j 19:34	25°♑25'11	27°38'46
	-261 Feb 20 j 01:01	0°♒	
	-261 Mar 12 j 12:06	0°♓	
morning set	-261 Mar 22 j 09:25	18°♓25'04	
max. Earth dist.	-261 Mar 27 j 15:14	29°♓10'31	1.33168 AU
	-261 Mar 28 j 00:37	0°♈	
superior conj	-261 Mar 30 j 04:31	4°♈36'21	0°-29'-25
minimum elong	-261 Mar 30 j 05:56	4°♈43'54	0°29'09
asc. node	-261 Apr 02 j 00:19	10°♈41'11	
evening rise	-261 Apr 06 j 08:13	19°♈56'52	
	-261 Apr 11 j 06:51	0°♉	
evening max el	-261 Apr 28 j 23:27	26°♉13'01	23°03'12
	-261 May 03 j 15:29	0°♊	
desc. node	-261 May 11 j 20:04	2°♊51'53	
retrograde	-261 May 12 j 08:51	2°♊52'32	
evening set	-261 May 15 j 20:38	2°♊25'49	
	-261 May 21 j 17:19	30°℞♉	
min. Earth dist.	-261 May 23 j 08:51	29°♉04'37	0.55619 AU
inferior conj	-261 May 25 j 00:42	28°♉06'46	-3°-26'-11
minimum elong	-261 May 24 j 17:31	28°♉17'13	3°24'22
morning rise	-261 Jun 02 j 17:29	24°♉12'43	
direct	-261 Jun 05 j 11:14	23°♉54'51	
morning max el	-261 Jun 16 j 07:01	28°♉55'42	20°33'31
	-261 Jun 17 j 09:29	0°♊	
asc. node	-261 Jun 28 j 23:34	16°♊50'27	
morning set	-261 Jul 05 j 03:26	28°♊53'36	
	-261 Jul 05 j 16:25	0°♋	
superior conj	-261 Jul 12 j 18:58	14°♋38'20	1°43'38
minimum elong	-261 Jul 12 j 17:32	14°♋31'05	1°43'33
max. Earth dist.	-261 Jul 17 j 14:44	24°♋14'55	1.36106 AU
	-261 Jul 20 j 14:56	0°♌	
evening rise	-261 Jul 21 j 17:04	2°♌01'53	
	-261 Aug 07 j 11:01	0°♍	
desc. node	-261 Aug 07 j 19:27	0°♍31'28	
evening max el	-261 Aug 26 j 09:12	23°♍58'32	26°10'52
	-261 Sep 03 j 10:33	0°♎	
retrograde	-261 Sep 07 j 23:45	1°♎07'34	
	-261 Sep 12 j 03:55	30°℞♍	
evening set	-261 Sep 14 j 07:28	28°♍29'38	
min. Earth dist.	-261 Sep 18 j 12:34	23°♍59'33	0.66455 AU
inferior conj	-261 Sep 19 j 22:52	22°♍13'09	-1°-40'-55
minimum elong	-261 Sep 20 j 01:26	22°♍05'13	1°39'54
asc. node	-261 Sep 24 j 22:46	16°♍56'24	
morning rise	-261 Sep 25 j 20:20	16°♍20'44	
direct	-261 Sep 28 j 21:49	15°♍27'07	
morning max el	-261 Oct 05 j 18:23	19°♍16'52	18°53'06
	-261 Oct 14 j 00:52	0°♎	
morning set	-261 Oct 27 j 09:24	20°♎45'53	
	-261 Nov 02 j 06:03	0°♏	
desc. node	-261 Nov 03 j 18:46	2°♏24'24	
max. Earth dist.	-261 Nov 11 j 17:56	14°♏55'28	1.44929 AU
superior conj	-261 Nov 12 j 19:50	16°♏37'25	0°-56'-57
minimum elong	-261 Nov 12 j 12:51	16°♏09'54	0°56'07
	-261 Nov 21 j 06:29	0°♐	
evening rise	-261 Nov 28 j 07:40	11°♐19'35	
	-261 Dec 09 j 22:56	0°♑	
evening max el	-261 Dec 19 j 03:27	12°♑25'48	18°45'27
asc. node	-261 Dec 21 j 22:03	14°♑49'03	
retrograde	-261 Dec 25 j 20:55	16°♑12'31	
evening set	-261 Dec 28 j 23:11	15°♑17'55	
inferior conj	-260 Jan 03 j 18:44	9°♑35'15	3°27'32
minimum elong	-260 Jan 03 j 16:17	9°♑42'42	3°27'05
min. Earth dist.	-260 Jan 05 j 13:24	7°♑25'23	0.65138 AU
morning rise	-260 Jan 09 j 08:17	3°♑25'45	
direct	-260 Jan 16 j 00:18	0°♑34'49	
morning max el	-260 Jan 29 j 05:20	8°♑16'58	26°58'57
desc. node	-260 Jan 30 j 17:56	9°♑51'34	
	-260 Feb 15 j 04:14	0°♒	
	-260 Mar 03 j 20:21	0°♓	
morning set	-260 Mar 04 j 21:35	2°♓00'33	
max. Earth dist.	-260 Mar 09 j 10:29	10°♓57'55	1.34208 AU
superior conj	-260 Mar 13 j 07:04	18°♓54'21	0°-56'-1
minimum elong	-260 Mar 13 j 09:43	19°♓08'14	0°55'32
asc. node	-260 Mar 18 j 21:22	0°♈42'20	
	-260 Mar 18 j 13:20	0°♈	
evening rise	-260 Mar 20 j 18:23	4°♈38'15	
	-260 Apr 03 j 21:53	0°♉	
evening max el	-260 Apr 09 j 19:39	6°♉57'40	21°31'14
retrograde	-260 Apr 22 j 00:23	12°♉53'57	
evening set	-260 Apr 24 j 11:29	12°♉40'10	
desc. node	-260 Apr 27 j 17:06	11°♉43'56	
inferior conj	-260 May 03 j 20:27	8°♉39'06	-1°-44'-6
minimum elong	-260 May 03 j 15:39	8°♉45'51	1°42'27
min. Earth dist.	-260 May 03 j 21:49	8°♉37'12	0.55004 AU
morning rise	-260 May 12 j 20:20	4°♉40'33	
direct	-260 May 15 j 22:19	4°♉19'46	
morning max el	-260 May 28 j 09:16	10°♉13'29	22°02'33
	-260 Jun 11 j 13:29	0°♊	
asc. node	-260 Jun 14 j 20:38	6°♊15'17	
morning set	-260 Jun 18 j 13:04	13°♊44'03	
superior conj	-260 Jun 25 j 20:18	29°♊08'50	1°33'29
minimum elong	-260 Jun 25 j 18:02	28°♊56'55	1°33'16
	-260 Jun 26 j 06:03	0°♋	
max. Earth dist.	-260 Jun 29 j 05:52	6°♋11'53	1.34603 AU
evening rise	-260 Jul 03 j 22:30	15°♋32'39	
	-260 Jul 11 j 19:35	0°♌	
desc. node	-260 Jul 24 j 16:28	20°♌17'32	
	-260 Aug 01 j 01:02	0°♍	
evening max el	-260 Aug 07 j 21:00	7°♍28'51	27°00'05
retrograde	-260 Aug 21 j 02:06	14°♍47'23	
evening set	-260 Aug 27 j 21:59	12°♍02'33	
min. Earth dist.	-260 Aug 31 j 19:44	8°♍10'00	0.65370 AU
inferior conj	-260 Sep 02 j 18:34	5°♍55'29	-2°-35'-48
minimum elong	-260 Sep 02 j 22:24	5°♍44'26	2°34'28
morning rise	-260 Sep 09 j 00:17	0°♍16'19	
	-260 Sep 09 j 15:05	30°℞♌	
asc. node	-260 Sep 10 j 19:50	29°♌39'54	
direct	-260 Sep 11 j 18:16	29°♌35'06	
	-260 Sep 13 j 21:56	0°♍	
morning max el	-260 Sep 18 j 07:44	3°♍09'03	18°16'06
	-260 Oct 06 j 08:22	0°♎	
morning set	-260 Oct 07 j 02:27	1°♎14'16	
desc. node	-260 Oct 20 j 15:50	23°♎08'30	
superior conj	-260 Oct 21 j 21:26	25°♎05'48	0°-8'-5
minimum elong	-260 Oct 21 j 20:23	25°♎01'38	0°07'59
behind sun begin	-260 Oct 21 j 10:39	24°♎23'05	
behind sun end	-260 Oct 22 j 06:07	25°♎40'10	
max. Earth dist.	-260 Oct 24 j 12:25	29°♎14'26	1.44930 AU
	-260 Oct 25 j 00:00	0°♏	
evening rise	-260 Nov 07 j 09:43	20°♏58'15	
	-260 Nov 13 j 04:48	0°♐	
greatest brilliancy	-260 Nov 22 j 21:41	14°♐46'55	-0.7m

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-260 Dec 01 j 11:27	25°♐53'23	19°30'22
asc. node	-260 Dec 07 j 19:06	0°♑00'20	
	-260 Dec 07 j 18:21	0°♑	
retrograde	-260 Dec 08 j 17:31	0°♑05'14	
	-260 Dec 09 j 16:22	30°℞♐	
evening set	-260 Dec 12 j 02:47	28°♐58'09	
inferior conj	-260 Dec 17 j 17:13	23°♐00'30	2°56'43
minimum elong	-260 Dec 17 j 14:24	23°♐09'41	2°55'57
min. Earth dist.	-260 Dec 18 j 21:38	21°♐28'08	0.66310 AU
morning rise	-260 Dec 23 j 01:15	16°♐46'55	
direct	-260 Dec 29 j 05:19	14°♐03'55	
morning max el	-259 Jan 10 j 14:42	21°♐24'31	25°53'26
desc. node	-259 Jan 16 j 15:01	28°♐09'26	
	-259 Jan 18 j 02:36	0°♑	
	-259 Feb 07 j 09:07	0°♒	
morning set	-259 Feb 15 j 19:41	14°♒49'44	
max. Earth dist.	-259 Feb 19 j 17:45	22°♒12'20	1.35704 AU
	-259 Feb 23 j 17:10	0°♓	
superior conj	-259 Feb 25 j 02:08	2°♓45'28	-1°-21'-1
minimum elong	-259 Feb 25 j 05:43	3°♓03'36	1°20'29
evening rise	-259 Mar 05 j 01:03	19°♓03'23	
asc. node	-259 Mar 05 j 18:26	20°♓31'51	
	-259 Mar 10 j 14:15	0°♈	
evening max el	-259 Mar 23 j 02:23	18°♈14'55	20°12'24
retrograde	-259 Apr 02 j 14:43	23°♈17'32	
evening set	-259 Apr 04 j 17:40	23°♈06'05	
inferior conj	-259 Apr 13 j 17:06	19°♈07'41	0°15'00
minimum elong	-259 Apr 13 j 17:47	19°♈06'40	0°14'46
transit middle	-259 Apr 13 j 17:47	19°♈06'40	0°14'46
transit begin	-259 Apr 13 j 16:17	19°♈08'53	
transit end	-259 Apr 13 j 19:16	19°♈04'27	
desc. node	-259 Apr 14 j 14:08	18°♈36'21	
min. Earth dist.	-259 Apr 15 j 11:48	18°♈04'18	0.55353 AU
morning rise	-259 Apr 22 j 15:21	14°♈46'03	
direct	-259 Apr 26 j 11:44	14°♈13'40	
morning max el	-259 May 10 j 03:00	20°♈56'32	23°42'16
	-259 May 17 j 21:07	0°♉	
asc. node	-259 Jun 01 j 17:43	26°♉00'11	
morning set	-259 Jun 03 j 00:42	28°♉41'34	
	-259 Jun 03 j 15:35	0°♊	
superior conj	-259 Jun 10 j 03:13	13°♊56'15	1°18'16
minimum elong	-259 Jun 10 j 00:42	13°♊42'46	1°17'56
max. Earth dist.	-259 Jun 12 j 06:36	18°♊31'04	1.33490 AU
evening rise	-259 Jun 17 j 15:51	29°♊39'29	
	-259 Jun 17 j 19:58	0°♋	
	-259 Jul 04 j 21:20	0°♌	
desc. node	-259 Jul 11 j 13:28	9°♌28'42	
evening max el	-259 Jul 21 j 08:09	20°♌42'41	27°24'08
retrograde	-259 Aug 03 j 22:36	28°♌02'38	
evening set	-259 Aug 11 j 02:08	25°♌21'24	
min. Earth dist.	-259 Aug 14 j 18:08	22°♌03'48	0.63924 AU
inferior conj	-259 Aug 17 j 06:04	19°♌27'35	-3°-26'-50
minimum elong	-259 Aug 17 j 10:43	19°♌15'25	3°25'32
morning rise	-259 Aug 23 j 21:19	14°♌04'51	
direct	-259 Aug 26 j 10:21	13°♌32'32	
asc. node	-259 Aug 28 j 16:55	13°♌58'40	
morning max el	-259 Sep 01 j 23:17	16°♌58'46	17°56'22
	-259 Sep 11 j 06:57	0°♍	
morning set	-259 Sep 18 j 22:17	13°♍00'04	
	-259 Sep 28 j 23:10	0°♎	
superior conj	-259 Oct 01 j 15:58	4°♎26'37	0°38'12
minimum elong	-259 Oct 01 j 19:56	4°♎42'50	0°37'41
max. Earth dist.	-259 Oct 07 j 05:43	13°♎26'32	1.44216 AU
desc. node	-259 Oct 07 j 12:50	13°♎54'54	
evening rise	-259 Oct 17 j 19:00	29°♎58'00	
	-259 Oct 17 j 19:32	0°♏	
	-259 Nov 07 j 00:12	0°♐	
greatest brilliancy	-259 Nov 08 j 11:32	1°♐59'35	-0.5m
evening max el	-259 Nov 14 j 14:24	9°♐21'33	20°30'04
retrograde	-259 Nov 22 j 15:06	14°♐05'44	
asc. node	-259 Nov 24 j 16:09	13°♐41'57	
evening set	-259 Nov 26 j 09:26	12°♐44'00	
inferior conj	-259 Dec 01 j 20:37	6°♐34'27	2°17'18
minimum elong	-259 Dec 01 j 18:00	6°♐43'19	2°16'25
min. Earth dist.	-259 Dec 02 j 12:15	5°♐41'26	0.67105 AU
morning rise	-259 Dec 07 j 02:05	0°♐19'04	
	-259 Dec 07 j 10:56	30°℞♏	
direct	-259 Dec 12 j 15:31	27°♏53'01	
	-259 Dec 18 j 12:28	0°♐	
morning max el	-259 Dec 23 j 22:58	4°♐37'42	24°31'47
desc. node	-258 Jan 03 j 12:04	17°♐14'39	
	-258 Jan 12 j 11:54	0°♑	
morning set	-258 Jan 28 j 21:57	26°♑35'24	
	-258 Jan 30 j 20:12	0°♒	
max. Earth dist.	-258 Feb 01 j 15:18	3°♒14'13	1.37602 AU
superior conj	-258 Feb 08 j 10:21	15°♒59'33	-1°-42'-22
minimum elong	-258 Feb 08 j 14:06	16°♒17'44	1°42'00
	-258 Feb 15 j 12:41	0°♓	
evening rise	-258 Feb 17 j 01:47	3°♓04'37	
asc. node	-258 Feb 20 j 15:28	10°♓03'52	
	-258 Mar 05 j 16:08	0°♈	
evening max el	-258 Mar 05 j 20:10	0°♈09'48	19°11'49
retrograde	-258 Mar 14 j 16:45	4°♈25'18	
evening set	-258 Mar 16 j 21:51	4°♈10'31	
inferior conj	-258 Mar 25 j 03:46	29°♓59'38	1°58'06
minimum elong	-258 Mar 25 j 07:53	29°♓52'40	1°56'51
	-258 Mar 25 j 03:33	30°℞♓	
min. Earth dist.	-258 Mar 28 j 02:57	27°♓59'56	0.56582 AU
desc. node	-258 Apr 01 j 11:12	25°♓33'18	
morning rise	-258 Apr 02 j 13:54	25°♓05'48	
direct	-258 Apr 07 j 12:37	24°♓09'02	
	-258 Apr 20 j 04:05	0°♈	
morning max el	-258 Apr 21 j 17:32	1°♈26'00	25°20'24
	-258 May 11 j 16:06	0°♉	
morning set	-258 May 18 j 12:38	13°♉40'14	
asc. node	-258 May 19 j 14:46	15°♉58'37	
superior conj	-258 May 25 j 13:25	28°♉52'46	0°59'06
minimum elong	-258 May 25 j 11:11	28°♉40'34	0°58'42
	-258 May 26 j 01:45	0°♊	
max. Earth dist.	-258 May 26 j 14:53	1°♊11'33	1.32758 AU
evening rise	-258 Jun 01 j 17:31	14°♊10'51	
	-258 Jun 09 j 21:43	0°♋	
desc. node	-258 Jun 28 j 10:28	27°♋50'27	
	-258 Jun 30 j 07:53	0°♌	
evening max el	-258 Jul 03 j 16:23	3°♌26'55	27°17'25
retrograde	-258 Jul 17 j 12:27	10°♌44'30	
evening set	-258 Jul 24 j 16:08	8°♌19'54	
min. Earth dist.	-258 Jul 28 j 06:15	5°♌29'33	0.62143 AU
inferior conj	-258 Jul 31 j 06:23	2°♌42'29	-4°-9'-48
minimum elong	-258 Jul 31 j 10:48	2°♌32'14	4°08'57
	-258 Aug 03 j 08:40	30°℞♋	
morning rise	-258 Aug 07 j 08:04	27°♋39'38	
direct	-258 Aug 09 j 18:48	27°♋13'20	
asc. node	-258 Aug 15 j 13:59	29°♋44'24	
	-258 Aug 15 j 21:10	0°♌	
morning max el	-258 Aug 16 j 14:16	0°♌40'00	17°54'55
morning set	-258 Sep 01 j 15:08	25°♌46'37	
	-258 Sep 03 j 23:21	0°♍	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-258 Sep 12 j 13:38	15°♍08'16	1°13'24	
minimum elong	-258 Sep 12 j 18:36	15°♍29'36	1°12'51	
max. Earth dist.	-258 Sep 19 j 19:27	27°♍16'02	1.42878 AU	
	-258 Sep 21 j 11:47	0°♎		
desc. node	-258 Sep 24 j 09:50	4°♎40'54		
evening rise	-258 Sep 27 j 03:49	9°♎01'12		
	-258 Oct 11 j 00:55	0°♏		
greatest brilliancy	-258 Oct 23 j 14:33	17°♏15'50	-0.4m	
evening max el	-258 Oct 28 j 11:33	22°♏50'15	21°41'21	
retrograde	-258 Nov 06 j 11:48	28°♏11'40		
evening set	-258 Nov 10 j 17:15	26°♏33'16		
asc. node	-258 Nov 11 j 13:12	25°♏50'20		
inferior conj	-258 Nov 16 j 02:48	20°♏15'09	1°31'28	
minimum elong	-258 Nov 16 j 00:51	20°♏21'54	1°30'42	
min. Earth dist.	-258 Nov 16 j 07:01	20°♏00'34	0.67546 AU	
morning rise	-258 Nov 21 j 08:11	14°♏00'06		
direct	-258 Nov 26 j 06:13	11°♏55'48		
morning max el	-258 Dec 06 j 08:23	17°♏55'30	23°04'04	
greatest brilliancy	-258 Dec 11 j 04:56	23°♏21'40	-0.3m	
	-258 Dec 16 j 09:22	0°♐		
desc. node	-258 Dec 21 j 09:06	6°♐53'49		
	-257 Jan 05 j 14:55	0°♑		
morning set	-257 Jan 09 j 22:09	7°♑01'54		
max. Earth dist.	-257 Jan 14 j 10:43	14°♑41'53	1.39715 AU	
superior conj	-257 Jan 22 j 03:28	28°♑25'39	-1°-57'-6	
minimum elong	-257 Jan 22 j 05:58	28°♑37'12	1°57'01	
	-257 Jan 22 j 23:55	0°♒		
evening rise	-257 Jan 31 j 17:50	16°♒35'03		
asc. node	-257 Feb 07 j 12:30	29°♒12'21		
	-257 Feb 07 j 23:23	0°♓		
evening max el	-257 Feb 16 j 22:57	12°♓37'59	18°31'11	
retrograde	-257 Feb 24 j 13:37	16°♓21'48		
evening set	-257 Feb 26 j 23:17	16°♓00'42		
inferior conj	-257 Mar 06 j 11:01	11°♓29'57	3°07'16	
minimum elong	-257 Mar 06 j 14:56	11°♓22'10	3°06'27	
min. Earth dist.	-257 Mar 09 j 21:03	8°♓48'55	0.58410 AU	
morning rise	-257 Mar 14 j 02:41	6°♓06'28		
desc. node	-257 Mar 19 j 08:15	4°♓35'58		
direct	-257 Mar 20 j 02:44	4°♓34'26		
morning max el	-257 Apr 03 j 10:59	12°♓11'22	26°41'28	
	-257 Apr 17 j 09:15	0°♈		
morning set	-257 May 02 j 23:13	28°♈34'14		
	-257 May 03 j 15:32	0°♉		
asc. node	-257 May 06 j 11:47	6°♉05'31		
superior conj	-257 May 10 j 01:04	13°♉51'56	0°36'49	
minimum elong	-257 May 09 j 23:31	13°♉43'25	0°36'30	
max. Earth dist.	-257 May 10 j 03:14	14°♉03'49	1.32392 AU	
evening rise	-257 May 17 j 00:41	28°♉57'25		
	-257 May 17 j 12:41	0°♊		
	-257 Jun 03 j 05:49	0°♋		
desc. node	-257 Jun 15 j 07:30	15°♋01'31		
evening max el	-257 Jun 15 j 18:51	15°♋28'54	26°37'32	
retrograde	-257 Jun 29 j 18:32	22°♋43'56		
evening set	-257 Jul 06 j 11:25	20°♋49'06		
min. Earth dist.	-257 Jul 10 j 08:09	18°♋11'46	0.60129 AU	
inferior conj	-257 Jul 13 j 15:58	15°♋30'27	-4°-37'-58	
minimum elong	-257 Jul 13 j 18:23	15°♋25'32	4°37'47	
morning rise	-257 Jul 21 j 04:36	10°♋50'12		
direct	-257 Jul 23 j 15:19	10°♋27'54		
morning max el	-257 Jul 31 j 01:39	14°♋04'33	18°12'48	
asc. node	-257 Aug 02 j 11:01	16°♋41'34		
	-257 Aug 10 j 23:09	0°♌		
morning set	-257 Aug 15 j 23:15	9°♌17'12		
superior conj	-257 Aug 25 j 13:02	27°♌06'23	1°35'29	
minimum elong	-257 Aug 25 j 16:27	27°♌21'51	1°35'13	
	-257 Aug 27 j 03:41	0°♍		
max. Earth dist.	-257 Sep 02 j 03:37	10°♍26'24	1.41086 AU	
evening rise	-257 Sep 07 j 04:59	18°♍50'41		
desc. node	-257 Sep 11 j 06:51	25°♍22'44		
	-257 Sep 14 j 05:56	0°♎		
	-257 Oct 05 j 12:38	0°♏		
greatest brilliancy	-257 Oct 05 j 19:38	0°♏21'22	-0.2m	
evening max el	-257 Oct 11 j 03:21	6°♏19'42	22°59'52	
retrograde	-257 Oct 21 j 06:07	12°♏19'47		
evening set	-257 Oct 26 j 00:30	10°♏23'21		
asc. node	-257 Oct 29 j 10:14	6°♏41'20		
inferior conj	-257 Oct 31 j 09:53	4°♏00'22	0°40'51	
minimum elong	-257 Oct 31 j 08:56	4°♏03'38	0°40'27	
min. Earth dist.	-257 Oct 31 j 03:32	4°♏22'14	0.67656 AU	
	-257 Nov 03 j 11:48	30°℞♎		
morning rise	-257 Nov 05 j 17:22	27°♎47'59		
direct	-257 Nov 10 j 00:36	26°♎06'25		
	-257 Nov 17 j 12:56	0°♏		
morning max el	-257 Nov 18 j 22:20	1°♏20'27	21°39'10	
greatest brilliancy	-257 Nov 23 j 21:12	6°♏58'44	-0.4m	
desc. node	-257 Dec 08 j 06:08	26°♏57'04		
	-257 Dec 10 j 07:11	0°♐		
morning set	-257 Dec 20 j 17:13	16°♐05'05		
max. Earth dist.	-257 Dec 27 j 10:43	26°♐59'42	1.41758 AU	
	-257 Dec 29 j 06:01	0°♑		
superior conj	-256 Jan 04 j 00:13	9°♑50'38	-2°-1'-18	
minimum elong	-256 Jan 03 j 23:25	9°♑47'09	2°01'20	
evening rise	-256 Jan 14 j 21:42	29°♑26'37		
	-256 Jan 15 j 04:59	0°♒		
asc. node	-256 Jan 25 j 09:31	17°♒49'43		
evening max el	-256 Jan 31 j 07:51	25°♒31'29	18°10'39	
retrograde	-256 Feb 07 j 04:13	28°♒59'30		
evening set	-256 Feb 09 j 18:12	28°♒30'30		
inferior conj	-256 Feb 16 j 14:33	23°♒38'20	3°42'31	
minimum elong	-256 Feb 16 j 16:24	23°♒34'06	3°42'21	
min. Earth dist.	-256 Feb 19 j 21:08	20°♒39'04	0.60488 AU	
morning rise	-256 Feb 23 j 11:32	17°♒53'53		
direct	-256 Mar 01 j 04:44	15°♒44'49		
desc. node	-256 Mar 05 j 05:17	16°♒27'58		
morning max el	-256 Mar 15 j 10:33	23°♒32'58	27°32'29	
	-256 Mar 21 j 05:50	0°♓		
	-256 Apr 09 j 12:36	0°♈		
morning set	-256 Apr 16 j 06:42	13°♈17'27		
asc. node	-256 Apr 22 j 08:48	26°♈16'42		
max. Earth dist.	-256 Apr 22 j 15:46	26°♈54'41	1.32386 AU	
superior conj	-256 Apr 23 j 12:30	28°♈48'09	0°12'12	
minimum elong	-256 Apr 23 j 11:57	28°♈45'07	0°12'04	
behind sun begin	-256 Apr 23 j 08:40	28°♈27'09		
behind sun end	-256 Apr 23 j 15:14	29°♈03'05		
	-256 Apr 24 j 01:37	0°♉		
evening rise	-256 Apr 30 j 11:08	13°♉51'40		
	-256 May 08 j 14:51	0°♊		
evening max el	-256 May 27 j 14:22	26°♊45'49	25°27'49	
	-256 May 31 j 09:49	0°♋		
desc. node	-256 Jun 01 j 04:31	0°♋33'18		
retrograde	-256 Jun 10 j 15:25	3°♋56'26		
evening set	-256 Jun 16 j 08:13	2°♋40'06		
min. Earth dist.	-256 Jun 21 j 02:22	29°♊57'14	0.58094 AU	
	-256 Jun 21 j 00:44	30°℞♊		
inferior conj	-256 Jun 24 j 07:21	27°♊42'17	-4°-41'-8	
minimum elong	-256 Jun 24 j 05:44	27°♊45'08	4°41'04	
morning rise	-256 Jul 02 j 07:07	23°♊24'45		
direct	-256 Jul 04 j 19:28	23°♊05'12		
morning max el	-256 Jul 13 j 06:29	27°♊03'52	18°50'59	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-256 Jul	15 j 23:40	0°♋	
asc. node	-256 Jul	19 j 08:03	4°♋35'25	
morning set	-256 Jul	29 j 18:14	23°♋20'21	
	-256 Aug	02 j 03:39	0°♌	
superior conj	-256 Aug	07 j 08:42	10°♌05'26	1°45'48
minimum elong	-256 Aug	07 j 09:55	10°♌11'16	1°45'46
max. Earth dist.	-256 Aug	14 j 06:54	22°♌51'27	1.39083 AU
evening rise	-256 Aug	18 j 06:41	29°♌49'40	
	-256 Aug	18 j 09:06	0°♍	
desc. node	-256 Aug	28 j 03:51	15°♍56'28	
	-256 Sep	06 j 15:21	0°♎	
evening max el	-256 Sep	22 j 15:46	19°♎52'20	24°19'48
retrograde	-256 Oct	03 j 20:56	26°♎26'48	
evening set	-256 Oct	09 j 05:35	24°♎12'25	
min. Earth dist.	-256 Oct	13 j 23:29	18°♎44'46	0.67445 AU
inferior conj	-256 Oct	14 j 16:11	17°♎48'37	0°-13'-1
minimum elong	-256 Oct	14 j 16:30	17°♎47'33	0°12'54
transit middle	-256 Oct	14 j 16:30	17°♎47'33	0°12'54
transit begin	-256 Oct	14 j 14:49	17°♎53'10	
transit end	-256 Oct	14 j 18:10	17°♎41'56	
asc. node	-256 Oct	15 j 07:16	16°♎58'02	
morning rise	-256 Oct	20 j 03:42	11°♎41'29	
direct	-256 Oct	23 j 21:43	10°♎21'00	
morning max el	-256 Oct	31 j 19:20	14°♎55'09	20°23'40
greatest brilliancy	-256 Nov	07 j 07:07	22°♎41'33	-0.5m
	-256 Nov	12 j 12:59	0°♏	
desc. node	-256 Nov	24 j 03:10	17°♏17'44	
morning set	-256 Nov	28 j 15:45	24°♏15'25	
	-256 Dec	02 j 08:12	0°♐	
max. Earth dist.	-256 Dec	08 j 17:58	10°♐10'06	1.43458 AU
superior conj	-256 Dec	14 j 19:32	20°♐03'34	-1°-50'-25
minimum elong	-256 Dec	14 j 13:57	19°♐40'26	1°50'05
	-256 Dec	20 j 17:30	0°♑	
evening rise	-256 Dec	27 j 09:17	11°♑30'50	
	-255 Jan	07 j 06:06	0°♒	
asc. node	-255 Jan	11 j 06:34	5°♒46'03	
evening max el	-255 Jan	13 j 19:53	8°♒41'49	18°09'37
retrograde	-255 Jan	20 j 08:17	12°♒07'52	
evening set	-255 Jan	23 j 02:30	11°♒29'50	
inferior conj	-255 Jan	29 j 10:54	6°♒16'46	3°51'05
minimum elong	-255 Jan	29 j 10:32	6°♒17'42	3°51'05
min. Earth dist.	-255 Feb	01 j 05:36	3°♒23'22	0.62520 AU
morning rise	-255 Feb	04 j 16:28	0°♒19'16	
	-255 Feb	05 j 03:07	30°℞♑	
direct	-255 Feb	11 j 16:19	27°♑42'10	
	-255 Feb	18 j 19:01	0°♒	
desc. node	-255 Feb	20 j 02:21	0°♒50'53	
morning max el	-255 Feb	25 j 15:45	5°♒34'27	27°46'58
	-255 Mar	16 j 02:31	0°♓	
morning set	-255 Mar	31 j 08:54	27°♓41'11	
	-255 Apr	01 j 12:09	0°♈	
max. Earth dist.	-255 Apr	06 j 00:27	9°♈28'54	1.32759 AU
superior conj	-255 Apr	07 j 21:59	13°♈34'14	0°-14'00
minimum elong	-255 Apr	07 j 22:38	13°♈37'49	0°13'52
behind sun begin	-255 Apr	07 j 20:06	13°♈24'05	
behind sun end	-255 Apr	08 j 01:10	13°♈51'33	
asc. node	-255 Apr	09 j 05:51	16°♈27'06	
evening rise	-255 Apr	14 j 22:52	28°♈45'35	
	-255 Apr	15 j 13:00	0°♉	
	-255 May	02 j 16:58	0°♊	
evening max el	-255 May	09 j 05:20	7°♊29'05	23°58'16
desc. node	-255 May	19 j 01:33	13°♊49'09	
retrograde	-255 May	23 j 00:35	14°♊24'54	
evening set	-255 May	27 j 07:27	13°♊44'12	
min. Earth dist.	-255 Jun	02 j 16:28	10°♊40'13	0.56351 AU
inferior conj	-255 Jun	05 j 02:34	9°♊10'47	-4°-6'-42
minimum elong	-255 Jun	04 j 20:33	9°♊20'06	4°05'38
morning rise	-255 Jun	13 j 13:22	5°♊10'53	
direct	-255 Jun	16 j 04:30	4°♊52'55	
morning max el	-255 Jun	26 j 01:53	9°♊27'47	19°50'09
asc. node	-255 Jul	06 j 05:06	23°♊12'32	
	-255 Jul	09 j 22:09	0°♋	
morning set	-255 Jul	13 j 20:49	7°♋47'08	
superior conj	-255 Jul	21 j 19:08	23°♋49'24	1°46'38
minimum elong	-255 Jul	21 j 18:29	23°♋46'14	1°46'37
	-255 Jul	24 j 22:38	0°♌	
max. Earth dist.	-255 Jul	27 j 10:32	4°♌46'00	1.37130 AU
evening rise	-255 Jul	31 j 08:08	11°♌57'15	
	-255 Aug	10 j 23:46	0°♍	
desc. node	-255 Aug	15 j 00:53	6°♍17'07	
	-255 Sep	01 j 19:24	0°♎	
evening max el	-255 Sep	05 j 03:19	3°♎28'56	25°34'01
retrograde	-255 Sep	17 j 07:20	10°♎28'20	
evening set	-255 Sep	23 j 06:44	7°♎58'02	
min. Earth dist.	-255 Sep	27 j 16:25	3°♎06'11	0.66911 AU
inferior conj	-255 Sep	28 j 19:57	1°♎37'40	-1°-8'-41
minimum elong	-255 Sep	28 j 21:40	1°♎32'07	1°07'59
	-255 Sep	30 j 02:46	30°℞♍	
asc. node	-255 Oct	02 j 04:19	27°♍38'15	
morning rise	-255 Oct	04 j 13:17	25°♍38'46	
direct	-255 Oct	07 j 20:10	24°♍36'17	
morning max el	-255 Oct	14 j 23:53	28°♍39'34	19°21'41
	-255 Oct	16 j 06:03	0°♎	
greatest brilliancy	-255 Oct	24 j 15:24	11°♎10'52	-0.7m
	-255 Nov	05 j 23:11	0°♏	
morning set	-255 Nov	07 j 17:02	2°♏42'34	
desc. node	-255 Nov	11 j 00:12	7°♏50'51	
max. Earth dist.	-255 Nov	21 j 08:11	24°♏03'08	1.44592 AU
superior conj	-255 Nov	24 j 12:43	29°♏06'45	-1°-21'-17
minimum elong	-255 Nov	24 j 04:29	28°♏33'58	1°20'26
	-255 Nov	25 j 02:05	0°♐	
evening rise	-255 Dec	09 j 00:19	22°♐40'46	
	-255 Dec	13 j 09:56	0°♑	
evening max el	-255 Dec	28 j 08:18	22°♑03'03	18°27'16
asc. node	-255 Dec	29 j 03:37	22°♑49'55	
retrograde	-254 Jan	03 j 21:33	25°♑38'53	
evening set	-254 Jan	06 j 20:37	24°♑50'39	
inferior conj	-254 Jan	12 j 20:07	19°♑18'15	3°40'17
minimum elong	-254 Jan	12 j 18:12	19°♑23'46	3°40'03
min. Earth dist.	-254 Jan	14 j 23:38	16°♑49'15	0.64292 AU
morning rise	-254 Jan	18 j 14:25	13°♑12'28	
direct	-254 Jan	25 j 11:29	10°♑22'15	
desc. node	-254 Feb	06 j 23:24	17°♑09'25	
morning max el	-254 Feb	08 j 00:28	18°♑10'28	27°25'28
	-254 Feb	18 j 00:00	0°♒	
	-254 Mar	08 j 23:28	0°♓	
morning set	-254 Mar	15 j 03:08	11°♓36'53	
max. Earth dist.	-254 Mar	20 j 01:29	21°♓34'48	1.33553 AU
superior conj	-254 Mar	23 j 03:41	28°♓04'20	0°-40'-47
minimum elong	-254 Mar	23 j 05:38	28°♓14'42	0°40'24
	-254 Mar	24 j 01:26	0°♈	
asc. node	-254 Mar	27 j 02:55	6°♈32'47	
evening rise	-254 Mar	30 j 10:08	13°♈33'11	
	-254 Apr	07 j 19:54	0°♉	
evening max el	-254 Apr	20 j 21:46	18°♉04'50	22°23'05
retrograde	-254 May	03 j 20:48	24°♉27'22	
desc. node	-254 May	05 j 22:35	24°♉17'48	
evening set	-254 May	06 j 20:10	24°♉07'55	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	-254 May 15 j 05:11	20°♉31'07	0.55249 AU
inferior conj	-254 May 16 j 04:16	19°♉58'27	-2°-47'-5
minimum elong	-254 May 15 j 21:25	20°♉08'09	2°45'02
morning rise	-254 May 25 j 00:44	16°♉04'33	
direct	-254 May 27 j 21:16	15°♉45'58	
morning max el	-254 Jun 08 j 10:07	21°♉09'02	21°09'24
	-254 Jun 15 j 18:49	0°♊	
asc. node	-254 Jun 23 j 02:10	12°♊22'25	
morning set	-254 Jun 28 j 04:29	22°♊30'47	
	-254 Jul 01 j 18:46	0°♋	
superior conj	-254 Jul 05 j 15:59	8°♋05'41	1°40'00
minimum elong	-254 Jul 05 j 14:08	7°♋56'04	1°39'53
max. Earth dist.	-254 Jul 09 j 20:46	16°♋37'04	1.35429 AU
evening rise	-254 Jul 14 j 04:47	25°♋01'35	
	-254 Jul 16 j 21:02	0°♌	
desc. node	-254 Aug 01 j 21:54	26°♌18'14	
	-254 Aug 04 j 11:53	0°♍	
evening max el	-254 Aug 18 j 15:13	17°♍04'34	26°34'31
retrograde	-254 Aug 31 j 12:33	24°♍18'02	
evening set	-254 Sep 07 j 01:49	21°♍36'27	
min. Earth dist.	-254 Sep 11 j 03:49	17°♍22'12	0.66040 AU
inferior conj	-254 Sep 12 j 19:13	15°♍23'39	-2°-4'-28
minimum elong	-254 Sep 12 j 22:21	15°♍14'13	2°03'17
morning rise	-254 Sep 18 j 20:00	9°♍36'15	
asc. node	-254 Sep 19 j 01:24	9°♍29'10	
direct	-254 Sep 21 j 18:04	8°♍48'12	
morning max el	-254 Sep 28 j 10:39	12°♍29'59	18°35'14
	-254 Oct 10 j 23:45	0°♎	
morning set	-254 Oct 18 j 17:31	12°♎22'13	
desc. node	-254 Oct 28 j 21:14	28°♎31'41	
	-254 Oct 29 j 19:36	0°♏	
superior conj	-254 Nov 03 j 13:51	7°♏29'54	0°-36'-41
minimum elong	-254 Nov 03 j 09:03	7°♏11'02	0°36'05
max. Earth dist.	-254 Nov 04 j 02:31	8°♏19'42	1.45026 AU
	-254 Nov 17 j 20:26	0°♐	
evening rise	-254 Nov 19 j 15:38	2°♐51'26	
	-254 Dec 07 j 06:09	0°♑	
evening max el	-254 Dec 11 j 18:32	5°♑28'58	19°02'36
asc. node	-254 Dec 16 j 00:41	8°♑46'23	
retrograde	-254 Dec 18 j 16:22	9°♑24'59	
evening set	-254 Dec 21 j 21:30	8°♑25'07	
inferior conj	-254 Dec 27 j 14:36	2°♑35'40	3°15'38
minimum elong	-254 Dec 27 j 11:55	2°♑44'06	3°15'02
min. Earth dist.	-254 Dec 29 j 02:58	0°♑41'35	0.65691 AU
	-254 Dec 29 j 16:32	30°℞♐	
morning rise	-253 Jan 02 j 01:27	26°♐24'26	
direct	-253 Jan 08 j 12:55	23°♐35'40	
	-253 Jan 20 j 05:39	0°♑	
morning max el	-253 Jan 21 j 10:06	1°♑09'26	26°33'40
desc. node	-253 Jan 24 j 20:27	4°♑50'30	
	-253 Feb 12 j 01:23	0°♒	
morning set	-253 Feb 26 j 09:50	24°♒53'30	
	-253 Mar 01 j 01:43	0°♓	
max. Earth dist.	-253 Mar 02 j 15:45	3°♓06'50	1.34794 AU
superior conj	-253 Mar 07 j 03:22	12°♓11'21	-1°-6'-56
minimum elong	-253 Mar 07 j 06:28	12°♓27'24	1°06'24
asc. node	-253 Mar 14 j 00:00	26°♓29'22	
evening rise	-253 Mar 14 j 19:04	28°♓08'08	
	-253 Mar 15 j 16:48	0°♈	
evening max el	-253 Apr 02 j 22:03	29°♈00'51	20°55'38
	-253 Apr 03 j 23:46	0°♉	
retrograde	-253 Apr 14 j 09:57	4°♉34'25	
evening set	-253 Apr 16 j 16:03	4°♉22'24	
desc. node	-253 Apr 22 j 19:36	2°♉07'18	
inferior conj	-253 Apr 25 j 22:27	0°♉24'32	0°-53'-33
minimum elong	-253 Apr 25 j 19:55	0°♉28'08	0°52'39
	-253 Apr 26 j 15:44	30°℞♈	
min. Earth dist.	-253 Apr 26 j 18:10	29°♈56'33	0.55035 AU
morning rise	-253 May 04 j 23:00	26°♈18'36	
direct	-253 May 08 j 07:40	25°♈54'13	
	-253 May 18 j 19:28	0°♉	
morning max el	-253 May 21 j 08:05	2°♉09'23	22°44'23
	-253 Jun 08 j 23:50	0°♊	
asc. node	-253 Jun 09 j 23:14	1°♊56'45	
morning set	-253 Jun 12 j 15:13	7°♊25'22	
superior conj	-253 Jun 19 j 20:01	22°♊44'32	1°27'35
minimum elong	-253 Jun 19 j 17:35	22°♊31'35	1°27'18
max. Earth dist.	-253 Jun 22 j 16:24	28°♊44'26	1.34081 AU
	-253 Jun 23 j 06:58	0°♋	
evening rise	-253 Jun 27 j 15:47	8°♋49'19	
	-253 Jul 09 j 08:27	0°♌	
desc. node	-253 Jul 19 j 18:55	15°♌51'25	
	-253 Jul 31 j 14:38	0°♍	
evening max el	-253 Aug 01 j 03:02	0°♍30'04	27°13'44
retrograde	-253 Aug 14 j 12:17	7°♍49'15	
evening set	-253 Aug 21 j 12:20	5°♍04'24	
min. Earth dist.	-253 Aug 25 j 07:21	1°♍27'31	0.64807 AU
	-253 Aug 26 j 15:12	30°℞♌	
inferior conj	-253 Aug 27 j 11:46	29°♌02'51	-2°-58'-6
minimum elong	-253 Aug 27 j 16:02	28°♌51'01	2°56'43
morning rise	-253 Sep 02 j 21:25	23°♌30'21	
direct	-253 Sep 05 j 13:05	22°♌53'13	
asc. node	-253 Sep 05 j 22:27	22°♌54'01	
morning max el	-253 Sep 12 j 01:19	26°♌22'27	18°05'33
	-253 Sep 15 j 03:59	0°♍	
morning set	-253 Sep 29 j 22:38	23°♍26'06	
	-253 Oct 03 j 21:09	0°♎	
superior conj	-253 Oct 13 j 20:32	16°♎14'52	0°12'32
minimum elong	-253 Oct 13 j 22:03	16°♎20'57	0°12'20
behind sun begin	-253 Oct 13 j 15:03	15°♎52'54	
behind sun end	-253 Oct 14 j 05:04	16°♎48'59	
desc. node	-253 Oct 15 j 18:16	19°♎17'15	
max. Earth dist.	-253 Oct 17 j 21:25	22°♎40'06	1.44718 AU
	-253 Oct 22 j 13:19	0°♏	
evening rise	-253 Oct 30 j 09:14	12°♏10'27	
	-253 Nov 11 j 00:33	0°♐	
greatest brilliancy	-253 Nov 17 j 16:27	9°♐45'22	-0.6m
evening max el	-253 Nov 25 j 00:30	18°♐56'38	19°54'01
retrograde	-253 Dec 02 j 13:44	23°♐21'30	
asc. node	-253 Dec 02 j 21:44	23°♐20'52	
evening set	-253 Dec 06 j 02:40	22°♐08'16	
inferior conj	-253 Dec 11 j 15:28	16°♐04'52	2°40'51
minimum elong	-253 Dec 11 j 12:41	16°♐14'09	2°40'01
min. Earth dist.	-253 Dec 12 j 14:09	14°♐49'32	0.66697 AU
morning rise	-253 Dec 16 j 22:05	9°♐50'15	
direct	-253 Dec 22 j 19:59	7°♐13'58	
morning max el	-252 Jan 03 j 19:06	14°♐20'36	25°20'03
desc. node	-252 Jan 11 j 17:30	23°♐30'13	
	-252 Jan 16 j 14:33	0°♑	
	-252 Feb 04 j 21:06	0°♒	
morning set	-252 Feb 09 j 00:14	7°♒17'24	
max. Earth dist.	-252 Feb 12 j 18:39	14°♒13'35	1.36473 AU
superior conj	-252 Feb 18 j 18:13	25°♒47'26	-1°-30'-41
minimum elong	-252 Feb 18 j 22:00	26°♒06'15	1°30'12
	-252 Feb 20 j 20:45	0°♓	
evening rise	-252 Feb 26 j 23:30	12°♓23'52	
asc. node	-252 Feb 28 j 21:03	16°♓12'01	
	-252 Mar 07 j 09:00	0°♈	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-252 Mar 15 j 09:26	10°♈33'17	19°44'10
retrograde	-252 Mar 25 j 04:18	15°♈14'57	
evening set	-252 Mar 27 j 07:19	15°♈02'38	
inferior conj	-252 Apr 04 j 23:42	10°♈59'58	1°02'20
minimum elong	-252 Apr 05 j 02:18	10°♈55'54	1°01'26
min. Earth dist.	-252 Apr 07 j 08:25	9°♈31'37	0.55773 AU
desc. node	-252 Apr 08 j 16:40	8°♈43'43	
morning rise	-252 Apr 13 j 17:57	6°♈24'58	
direct	-252 Apr 18 j 00:43	5°♈44'10	
morning max el	-252 May 01 j 23:51	12°♈43'35	24°25'20
	-252 May 15 j 06:25	0°♉	
asc. node	-252 May 26 j 20:17	21°♉48'01	
morning set	-252 May 27 j 03:10	22°♉24'07	
	-252 May 30 j 16:24	0°♊	
superior conj	-252 Jun 03 j 04:33	7°♊36'39	1°10'36
minimum elong	-252 Jun 03 j 02:07	7°♊23'24	1°10'12
max. Earth dist.	-252 Jun 04 j 20:39	11°♊13'07	1.33123 AU
evening rise	-252 Jun 10 j 13:01	23°♊07'27	
	-252 Jun 14 j 00:20	0°♋	
	-252 Jul 02 j 02:18	0°♌	
desc. node	-252 Jul 05 j 15:56	4°♌43'53	
evening max el	-252 Jul 13 j 13:01	13°♌32'04	27°25'12
retrograde	-252 Jul 27 j 06:08	20°♌51'48	
evening set	-252 Aug 03 j 10:58	18°♌15'32	
min. Earth dist.	-252 Aug 07 j 01:17	15°♌11'11	0.63205 AU
inferior conj	-252 Aug 09 j 18:52	12°♌28'22	-3°-46'-22
minimum elong	-252 Aug 09 j 23:35	12°♌16'36	3°45'13
morning rise	-252 Aug 16 j 14:30	7°♌14'03	
direct	-252 Aug 19 j 02:13	6°♌44'40	
asc. node	-252 Aug 22 j 19:29	7°♌51'20	
morning max el	-252 Aug 25 j 17:03	10°♌09'54	17°53'30
	-252 Sep 07 j 22:40	0°♍	
morning set	-252 Sep 11 j 04:08	5°♍39'48	
superior conj	-252 Sep 23 j 02:18	26°♍09'44	0°54'43
minimum elong	-252 Sep 23 j 07:09	26°♍29'56	0°54'06
	-252 Sep 25 j 09:56	0°♎	
max. Earth dist.	-252 Sep 29 j 13:18	6°♎44'06	1.43715 AU
desc. node	-252 Oct 01 j 15:17	10°♎04'05	
evening rise	-252 Oct 08 j 16:00	21°♎05'43	
	-252 Oct 14 j 11:39	0°♏	
greatest brilliancy	-252 Nov 01 j 13:24	25°♏58'32	-0.5m
	-252 Nov 04 j 20:01	0°♐	
evening max el	-252 Nov 07 j 00:53	2°♐24'44	20°59'07
retrograde	-252 Nov 15 j 11:18	7°♐24'54	
asc. node	-252 Nov 18 j 18:45	6°♐22'51	
evening set	-252 Nov 19 j 10:01	5°♐56'21	
inferior conj	-252 Nov 24 j 20:19	29°♏42'28	1°58'32
minimum elong	-252 Nov 24 j 17:56	29°♏50'38	1°57'40
	-252 Nov 24 j 15:13	30°℞♏	
min. Earth dist.	-252 Nov 25 j 06:57	29°♏06'00	0.67332 AU
morning rise	-252 Nov 30 j 01:27	23°♏26'43	
direct	-252 Dec 05 j 08:14	21°♏09'39	
morning max el	-252 Dec 16 j 03:41	27°♏36'38	23°54'36
	-252 Dec 18 j 09:43	0°♐	
desc. node	-252 Dec 28 j 14:32	12°♐51'30	
	-251 Jan 09 j 07:11	0°♑	
morning set	-251 Jan 20 j 16:13	18°♑31'58	
max. Earth dist.	-251 Jan 24 j 14:08	25°♑21'41	1.38484 AU
	-251 Jan 27 j 04:03	0°♒	
superior conj	-251 Jan 31 j 20:36	8°♒42'46	-1°-49'-38
minimum elong	-251 Feb 01 j 00:03	8°♒59'07	1°49'23
evening rise	-251 Feb 09 j 20:57	26°♒13'20	
	-251 Feb 11 j 19:31	0°♓	
asc. node	-251 Feb 14 j 18:05	5°♓35'14	

evening max el	-251 Feb 26 j 07:25	22°♓43'45	18°52'07
retrograde	-251 Mar 06 j 14:06	26°♓43'53	
evening set	-251 Mar 08 j 20:54	26°♓26'49	
inferior conj	-251 Mar 16 j 18:55	22°♓08'17	2°31'50
minimum elong	-251 Mar 16 j 23:19	22°♓00'18	2°30'41
min. Earth dist.	-251 Mar 20 j 00:55	19°♓48'15	0.57299 AU
morning rise	-251 Mar 24 j 21:30	17°♓00'34	
desc. node	-251 Mar 26 j 13:42	16°♓23'47	
direct	-251 Mar 30 j 07:34	15°♓49'34	
morning max el	-251 Apr 13 j 15:10	23°♓17'29	25°57'51
	-251 Apr 19 j 15:37	0°♈	
	-251 May 08 j 00:32	0°♉	
morning set	-251 May 11 j 14:42	7°♉21'29	
asc. node	-251 May 13 j 17:20	11°♉50'48	
superior conj	-251 May 18 j 15:36	22°♉35'15	0°50'00
minimum elong	-251 May 18 j 13:36	22°♉24'21	0°49'37
max. Earth dist.	-251 May 19 j 06:52	23°♉58'52	1.32552 AU
	-251 May 22 j 01:17	0°♊	
evening rise	-251 May 25 j 17:18	7°♊46'13	
	-251 Jun 06 j 11:31	0°♋	
desc. node	-251 Jun 22 j 12:57	22°♋38'30	
evening max el	-251 Jun 25 j 18:55	25°♋58'47	27°04'28
	-251 Jun 30 j 16:26	0°♌	
retrograde	-251 Jul 09 j 17:08	3°♌16'08	
evening set	-251 Jul 16 j 17:34	1°♌02'38	
	-251 Jul 18 j 06:27	30°℞♋	
min. Earth dist.	-251 Jul 20 j 09:03	28°♋19'47	0.61300 AU
inferior conj	-251 Jul 23 j 13:19	25°♋32'36	-4°-24'-7
minimum elong	-251 Jul 23 j 17:08	25°♋24'11	4°23'33
morning rise	-251 Jul 30 j 19:38	20°♋39'13	
direct	-251 Aug 02 j 05:56	20°♋14'58	
morning max el	-251 Aug 09 j 06:52	23°♋44'56	18°00'05
asc. node	-251 Aug 09 j 16:31	24°♋08'59	
	-251 Aug 14 j 07:28	0°♌	
morning set	-251 Aug 25 j 04:04	18°♌46'21	
	-251 Aug 31 j 07:24	0°♍	
superior conj	-251 Sep 04 j 11:24	7°♍25'12	1°24'20
minimum elong	-251 Sep 04 j 15:55	7°♍44'56	1°23'53
max. Earth dist.	-251 Sep 12 j 00:07	20°♍15'57	1.42156 AU
	-251 Sep 17 j 23:59	0°♎	
evening rise	-251 Sep 18 j 06:00	0°♎23'56	
desc. node	-251 Sep 18 j 12:17	0°♎48'50	
	-251 Oct 08 j 01:36	0°♏	
greatest brilliancy	-251 Oct 16 j 02:13	10°♏34'16	-0.3m
evening max el	-251 Oct 20 j 19:36	15°♏53'42	22°14'14
retrograde	-251 Oct 30 j 07:09	21°♏32'00	
evening set	-251 Nov 03 j 17:47	19°♏46'17	
asc. node	-251 Nov 05 j 15:46	17°♏55'06	
inferior conj	-251 Nov 09 j 03:07	13°♏25'41	1°10'30
minimum elong	-251 Nov 09 j 01:33	13°♏31'06	1°09'52
min. Earth dist.	-251 Nov 09 j 02:51	13°♏26'35	0.67630 AU
morning rise	-251 Nov 14 j 09:07	7°♏11'13	
direct	-251 Nov 19 j 00:45	5°♏16'26	
morning max el	-251 Nov 28 j 14:28	10°♏56'41	22°27'03
greatest brilliancy	-251 Dec 03 j 05:33	16°♏08'09	-0.3m
	-251 Dec 13 j 14:29	0°♐	
desc. node	-251 Dec 15 j 11:33	2°♐42'01	
morning set	-250 Jan 01 j 03:55	28°♐22'12	
	-250 Jan 02 j 03:51	0°♑	
max. Earth dist.	-250 Jan 06 j 10:18	7°♑06'51	1.40609 AU
superior conj	-250 Jan 14 j 05:44	20°♑44'45	-2°00'-27
minimum elong	-250 Jan 14 j 07:07	20°♑50'55	2°00'27
	-250 Jan 19 j 07:06	0°♒	
evening rise	-250 Jan 24 j 08:15	9°♒28'00	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-250 Feb 01 j 15:06	24°♒31'35	
	-250 Feb 05 j 02:52	0°♓	
evening max el	-250 Feb 09 j 13:16	5°♓24'14	18°20'05
retrograde	-250 Feb 16 j 18:37	8°♓59'03	
evening set	-250 Feb 19 j 06:16	8°♓34'41	
inferior conj	-250 Feb 26 j 11:04	3°♓55'10	3°25'56
minimum elong	-250 Feb 26 j 14:13	3°♓48'31	3°25'27
min. Earth dist.	-250 Mar 01 j 21:15	1°♓03'09	0.59288 AU
	-250 Mar 03 j 06:11	30°℞♒	
morning rise	-250 Mar 05 j 18:34	28°♒21'52	
direct	-250 Mar 12 j 03:26	26°♒33'15	
desc. node	-250 Mar 13 j 10:44	26°♒37'43	
	-250 Mar 21 j 09:44	0°♓	
morning max el	-250 Mar 26 j 10:48	4°♓15'49	27°07'16
	-250 Apr 14 j 07:57	0°♈	
morning set	-250 Apr 26 j 00:10	22°♈11'13	
	-250 Apr 29 j 16:17	0°♉	
asc. node	-250 Apr 30 j 14:23	1°♉59'59	
superior conj	-250 May 03 j 03:21	7°♉33'44	0°26'37
minimum elong	-250 May 03 j 02:11	7°♉27'21	0°26'22
max. Earth dist.	-250 May 02 j 19:38	6°♉51'21	1.32345 AU
evening rise	-250 May 10 j 02:07	22°♉36'52	
	-250 May 13 j 16:33	0°♊	
	-250 May 31 j 21:53	0°♋	
evening max el	-250 Jun 07 j 18:39	7°♋41'57	26°11'13
desc. node	-250 Jun 09 j 09:59	9°♋11'25	
retrograde	-250 Jun 21 j 19:35	14°♋55'15	
evening set	-250 Jun 28 j 03:36	13°♋16'42	
min. Earth dist.	-250 Jul 02 j 07:32	10°♋38'58	0.59245 AU
inferior conj	-250 Jul 05 j 15:34	8°♋06'33	-4°-43'-9
minimum elong	-250 Jul 05 j 16:29	8°♋04'47	4°43'08
morning rise	-250 Jul 13 j 08:52	3°♋35'48	
direct	-250 Jul 15 j 20:05	3°♋14'46	
morning max el	-250 Jul 23 j 15:46	6°♋59'35	18°26'29
asc. node	-250 Jul 27 j 13:34	11°♋31'57	
	-250 Aug 07 j 09:26	0°♌	
morning set	-250 Aug 08 j 17:18	2°♌32'21	
superior conj	-250 Aug 17 j 20:07	19°♌51'06	1°41'10
minimum elong	-250 Aug 17 j 22:37	20°♌02'38	1°41'01
	-250 Aug 23 j 11:02	0°♍	
max. Earth dist.	-250 Aug 25 j 06:01	3°♍07'32	1.40245 AU
evening rise	-250 Aug 29 j 17:19	10°♍42'29	
desc. node	-250 Sep 05 j 09:18	21°♍28'10	
	-250 Sep 10 j 22:54	0°♎	
evening max el	-250 Oct 03 j 09:55	29°♎25'38	23°34'10
	-250 Oct 03 j 23:53	0°♏	
retrograde	-250 Oct 14 j 00:01	5°♏40'35	
evening set	-250 Oct 19 j 00:21	3°♏36'36	
	-250 Oct 22 j 08:17	30°℞♎	
asc. node	-250 Oct 23 j 12:47	28°♎25'41	
inferior conj	-250 Oct 24 j 10:06	27°♎13'02	0°18'22
minimum elong	-250 Oct 24 j 09:39	27°♎14'32	0°18'10
min. Earth dist.	-250 Oct 23 j 23:25	27°♎49'30	0.67608 AU
morning rise	-250 Oct 29 j 19:04	21°♎02'34	
direct	-250 Nov 02 j 20:35	19°♎30'02	
morning max el	-250 Nov 11 j 07:08	24°♎25'41	21°05'37
	-250 Nov 16 j 03:47	0°♏	
greatest brilliancy	-250 Nov 16 j 18:34	0°♏46'46	-0.5m
desc. node	-250 Dec 02 j 08:35	22°♏53'57	
	-250 Dec 07 j 00:45	0°♐	
morning set	-250 Dec 11 j 12:15	6°♐56'41	
max. Earth dist.	-250 Dec 19 j 13:40	19°♐49'42	1.42548 AU
	-250 Dec 25 j 16:30	0°♑	
superior conj	-250 Dec 26 j 16:17	1°♑41'02	-1°-58'-48
minimum elong	-250 Dec 26 j 13:31	1°♑29'12	1°58'43
evening rise	-249 Jan 07 j 05:46	22°♑00'49	
	-249 Jan 11 j 16:48	0°♒	
asc. node	-249 Jan 19 j 12:08	12°♒52'54	
evening max el	-249 Jan 23 j 23:55	18°♒26'14	18°07'48
retrograde	-249 Jan 30 j 15:30	21°♒51'31	
evening set	-249 Feb 02 j 07:24	21°♒18'38	
inferior conj	-249 Feb 08 j 22:14	16°♒17'12	3°48'55
minimum elong	-249 Feb 08 j 23:06	16°♒15'07	3°48'52
min. Earth dist.	-249 Feb 12 j 00:22	13°♒18'02	0.61385 AU
morning rise	-249 Feb 15 j 12:13	10°♒26'41	
direct	-249 Feb 22 j 09:38	8°♒04'19	
desc. node	-249 Feb 28 j 07:47	9°♒38'00	
morning max el	-249 Mar 08 j 12:50	15°♒54'00	27°43'10
	-249 Mar 20 j 02:21	0°♓	
	-249 Apr 06 j 20:26	0°♈	
morning set	-249 Apr 10 j 05:40	6°♈46'48	
max. Earth dist.	-249 Apr 16 j 07:08	19°♈37'12	1.32503 AU
asc. node	-249 Apr 17 j 11:26	22°♈11'15	
superior conj	-249 Apr 17 j 14:10	22°♈26'08	0°01'13
minimum elong	-249 Apr 17 j 14:06	22°♈25'49	0°01'12
behind sun begin	-249 Apr 17 j 09:02	21°♈58'09	
behind sun end	-249 Apr 17 j 19:10	22°♈53'30	
	-249 Apr 21 j 01:17	0°♉	
evening rise	-249 Apr 24 j 13:21	7°♉31'53	
	-249 May 06 j 08:16	0°♊	
evening max el	-249 May 20 j 11:49	18°♊42'16	24°51'21
desc. node	-249 May 27 j 07:01	23°♊50'03	
retrograde	-249 Jun 03 j 11:15	25°♊47'38	
evening set	-249 Jun 08 j 14:31	24°♊47'36	
min. Earth dist.	-249 Jun 13 j 23:20	21°♊57'35	0.57296 AU
inferior conj	-249 Jun 16 j 22:25	20°♊00'18	-4°-31'-51
minimum elong	-249 Jun 16 j 18:46	20°♊06'21	4°31'29
morning rise	-249 Jun 25 j 02:52	15°♊51'10	
direct	-249 Jun 27 j 16:30	15°♊32'17	
morning max el	-249 Jul 06 j 16:47	19°♊44'21	19°13'40
asc. node	-249 Jul 14 j 10:39	29°♊45'35	
	-249 Jul 14 j 14:12	0°♋	
morning set	-249 Jul 23 j 15:53	16°♋46'41	
	-249 Jul 30 j 07:34	0°♌	
superior conj	-249 Jul 31 j 22:40	3°♌10'56	1°47'11
minimum elong	-249 Jul 31 j 23:02	3°♌12'43	1°47'11
max. Earth dist.	-249 Aug 07 j 09:13	15°♌19'03	1.38231 AU
evening rise	-249 Aug 11 j 05:30	22°♌11'23	
	-249 Aug 15 j 19:15	0°♍	
desc. node	-249 Aug 23 j 06:20	11°♍57'12	
	-249 Sep 04 j 20:22	0°♎	
evening max el	-249 Sep 15 j 21:44	13°♎00'13	24°52'32
retrograde	-249 Sep 27 j 12:53	19°♎46'04	
evening set	-249 Oct 03 j 03:59	17°♎24'22	
min. Earth dist.	-249 Oct 07 j 18:16	12°♎11'58	0.67262 AU
inferior conj	-249 Oct 08 j 15:31	11°♎01'45	0°-36'-28
minimum elong	-249 Oct 08 j 16:25	10°♎58'45	0°36'06
asc. node	-249 Oct 10 j 09:50	8°♎45'09	
morning rise	-249 Oct 14 j 05:20	4°♎58'00	
direct	-249 Oct 17 j 18:23	3°♎45'35	
morning max el	-249 Oct 25 j 07:28	8°♎04'59	19°55'35
greatest brilliancy	-249 Nov 01 j 18:48	17°♎17'38	-0.6m
	-249 Nov 10 j 11:50	0°♏	
desc. node	-249 Nov 19 j 05:38	13°♏20'38	
morning set	-249 Nov 20 j 08:49	15°♏05'34	
	-249 Nov 29 j 21:43	0°♐	
max. Earth dist.	-249 Dec 02 j 00:41	3°♐22'24	1.44024 AU
superior conj	-249 Dec 07 j 00:05	11°♐22'44	-1°-40'-18

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-249 Dec 06 j 16:48	10°♐53'07	1°39'44
	-249 Dec 18 j 04:45	0°♑	
evening rise	-249 Dec 20 j 09:09	3°♑43'22	
	-248 Jan 05 j 23:15	0°♒	
asc. node	-248 Jan 06 j 09:10	0°♒28'46	
evening max el	-248 Jan 07 j 12:24	1°♒42'02	18°14'48
retrograde	-248 Jan 14 j 00:11	5°♒11'06	
evening set	-248 Jan 16 j 20:20	4°♒28'50	
	-248 Jan 22 j 05:04	30°℞♑	
inferior conj	-248 Jan 23 j 00:34	29°♑06'59	3°48'31
minimum elong	-248 Jan 22 j 23:28	29°♑10'01	3°48'25
min. Earth dist.	-248 Jan 25 j 12:50	26°♑22'24	0.63314 AU
morning rise	-248 Jan 29 j 00:50	23°♑05'21	
direct	-248 Feb 05 j 00:20	20°♑21'10	
desc. node	-248 Feb 15 j 04:51	24°♑55'02	
morning max el	-248 Feb 18 j 20:06	28°♑12'37	27°42'04
	-248 Feb 20 j 13:43	0°♒	
	-248 Mar 12 j 20:23	0°♓	
morning set	-248 Mar 24 j 04:56	21°♓00'41	
	-248 Mar 28 j 14:04	0°♈	
max. Earth dist.	-248 Mar 29 j 13:20	2°♈02'39	1.33046 AU
superior conj	-248 Mar 31 j 22:19	7°♈06'46	0°-25'-21
minimum elong	-248 Mar 31 j 23:31	7°♈13'16	0°25'06
asc. node	-248 Apr 03 j 08:30	12°♈20'39	
evening rise	-248 Apr 08 j 01:11	22°♈24'42	
	-248 Apr 11 j 17:42	0°♉	
evening max el	-248 May 01 j 02:23	29°♉18'32	23°17'29
	-248 May 01 j 20:00	0°♊	
desc. node	-248 May 13 j 04:03	5°♊58'26	
retrograde	-248 May 14 j 14:54	6°♊03'14	
evening set	-248 May 18 j 07:26	5°♊33'21	
min. Earth dist.	-248 May 25 j 12:20	2°♊17'00	0.55784 AU
inferior conj	-248 May 27 j 09:29	1°♊10'34	-3°-38'-24
minimum elong	-248 May 27 j 02:26	1°♊20'58	3°36'44
	-248 May 29 j 10:14	30°℞♉	
morning rise	-248 Jun 05 j 00:47	27°♉15'35	
direct	-248 Jun 07 j 17:43	26°♉57'49	
	-248 Jun 16 j 01:54	0°♊	
morning max el	-248 Jun 18 j 07:39	1°♊51'30	20°21'39
asc. node	-248 Jun 30 j 07:44	18°♊38'13	
	-248 Jul 06 j 04:48	0°♋	
morning set	-248 Jul 06 j 20:55	1°♋21'53	
superior conj	-248 Jul 14 j 14:03	17°♋10'42	1°44'37
minimum elong	-248 Jul 14 j 12:49	17°♋04'26	1°44'35
max. Earth dist.	-248 Jul 19 j 14:57	27°♋08'46	1.36363 AU
	-248 Jul 21 j 02:46	0°♌	
evening rise	-248 Jul 23 j 15:44	4°♌44'48	
	-248 Aug 07 j 16:45	0°♍	
desc. node	-248 Aug 09 j 03:21	2°♍10'36	
evening max el	-248 Aug 28 j 09:08	26°♍36'25	26°01'48
	-248 Sep 01 j 05:53	0°♎	
retrograde	-248 Sep 09 j 21:13	3°♎43'33	
evening set	-248 Sep 16 j 02:49	1°♎07'19	
	-248 Sep 17 j 07:55	30°℞♍	
min. Earth dist.	-248 Sep 20 j 09:02	26°♍31'34	0.66584 AU
inferior conj	-248 Sep 21 j 17:36	24°♍49'36	-1°-32'-28
minimum elong	-248 Sep 21 j 19:56	24°♍42'16	1°31'32
asc. node	-248 Sep 26 j 06:55	19°♍50'27	
morning rise	-248 Sep 27 j 13:56	18°♍55'27	
direct	-248 Sep 30 j 16:43	17°♍59'43	
morning max el	-248 Oct 07 j 14:58	21°♍52'47	18°59'57
	-248 Oct 14 j 03:07	0°♎	
morning set	-248 Oct 29 j 18:12	23°♎58'55	
	-248 Nov 02 j 14:08	0°♏	
desc. node	-248 Nov 05 j 02:39	3°♏57'28	
max. Earth dist.	-248 Nov 13 j 16:49	17°♏26'56	1.44861 AU
superior conj	-248 Nov 15 j 08:15	20°♏02'22	-1°-3'-45
minimum elong	-248 Nov 15 j 00:43	19°♏32'39	1°02'54
	-248 Nov 21 j 14:56	0°♐	
evening rise	-248 Nov 30 j 14:17	14°♐28'13	
	-248 Dec 10 j 03:58	0°♑	
evening max el	-248 Dec 21 j 00:05	15°♑05'30	18°40'12
asc. node	-248 Dec 23 j 06:12	17°♑05'55	
retrograde	-248 Dec 27 j 16:18	18°♑49'12	
evening set	-248 Dec 30 j 17:39	17°♑56'22	
inferior conj	-247 Jan 05 j 14:09	12°♑16'22	3°31'17
minimum elong	-247 Jan 05 j 11:49	12°♑23'22	3°30'53
min. Earth dist.	-247 Jan 07 j 11:08	10°♑01'08	0.64928 AU
morning rise	-247 Jan 11 j 04:48	6°♑07'40	
direct	-247 Jan 17 j 22:19	3°♑16'23	
morning max el	-247 Jan 31 j 05:41	11°♑00'53	27°06'44
desc. node	-247 Feb 01 j 01:53	11°♑52'21	
	-247 Feb 15 j 08:01	0°♒	
	-247 Mar 05 j 07:34	0°♓	
morning set	-247 Mar 07 j 18:47	4°♓41'58	
max. Earth dist.	-247 Mar 12 j 10:06	13°♓54'48	1.34021 AU
superior conj	-247 Mar 16 j 01:44	21°♓28'13	0°-52'-2
minimum elong	-247 Mar 16 j 04:13	21°♓41'13	0°51'35
	-247 Mar 20 j 02:32	0°♈	
asc. node	-247 Mar 21 j 05:33	2°♈23'10	
evening rise	-247 Mar 23 j 11:41	7°♈07'53	
	-247 Apr 04 j 20:43	0°♉	
evening max el	-247 Apr 12 j 21:25	10°♉00'08	21°44'19
retrograde	-247 Apr 25 j 07:29	16°♉03'42	
evening set	-247 Apr 27 j 21:06	15°♉48'54	
desc. node	-247 Apr 30 j 01:06	15°♉14'57	
inferior conj	-247 May 07 j 06:22	11°♉46'09	-2°-1'-31
minimum elong	-247 May 07 j 00:52	11°♉53'52	1°59'42
min. Earth dist.	-247 May 07 j 01:18	11°♉53'16	0.55037 AU
morning rise	-247 May 16 j 05:35	7°♉49'20	
direct	-247 May 19 j 05:50	7°♉29'21	
morning max el	-247 May 31 j 11:23	13°♉15'19	21°48'18
	-247 Jun 12 j 21:09	0°♊	
asc. node	-247 Jun 17 j 04:48	7°♊59'24	
morning set	-247 Jun 21 j 06:05	16°♊10'40	
	-247 Jun 27 j 19:39	0°♋	
superior conj	-247 Jun 28 j 14:19	1°♋37'51	1°35'22
minimum elong	-247 Jun 28 j 12:08	1°♋26'26	1°35'10
max. Earth dist.	-247 Jul 02 j 04:39	9°♋03'16	1.34806 AU
evening rise	-247 Jul 06 j 19:02	18°♋09'16	
	-247 Jul 13 j 05:18	0°♌	
desc. node	-247 Jul 27 j 00:23	22°♌01'06	
	-247 Aug 01 j 21:44	0°♍	
evening max el	-247 Aug 10 j 21:00	10°♍08'39	26°54'15
retrograde	-247 Aug 24 j 00:22	17°♍26'18	
evening set	-247 Aug 30 j 18:36	14°♍42'04	
min. Earth dist.	-247 Sep 03 j 17:27	10°♍43'51	0.65554 AU
inferior conj	-247 Sep 05 j 14:17	8°♍33'20	-2°-27'-42
minimum elong	-247 Sep 05 j 17:58	8°♍22'37	2°26'22
morning rise	-247 Sep 11 j 18:42	2°♍51'49	
asc. node	-247 Sep 13 j 03:59	2°♍19'51	
direct	-247 Sep 14 j 13:36	2°♍08'59	
morning max el	-247 Sep 21 j 03:43	5°♍44'49	18°20'28
	-247 Oct 07 j 16:28	0°♎	
morning set	-247 Oct 10 j 06:57	4°♎14'53	
desc. node	-247 Oct 22 j 23:40	24°♎40'52	
superior conj	-247 Oct 25 j 08:59	28°♎27'33	0°-15'-37
minimum elong	-247 Oct 25 j 06:56	28°♎19'28	0°15'21

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

behind sun begin	-247 Oct 25 j 03:11	28°♎04'38	
behind sun end	-247 Oct 25 j 10:41	28°♎34'18	
	-247 Oct 26 j 08:25	0°♏	
max. Earth dist.	-247 Oct 27 j 11:13	1°♏45'31	1.44977 AU
evening rise	-247 Nov 10 j 19:36	24°♏14'44	
	-247 Nov 14 j 11:46	0°♐	
greatest brilliancy	-247 Nov 25 j 05:30	16°♐33'09	-0.7m
evening max el	-247 Dec 04 j 08:44	28°♐32'54	19°22'43
	-247 Dec 05 j 21:12	0°♑	
asc. node	-247 Dec 10 j 03:15	2°♑29'38	
retrograde	-247 Dec 11 j 12:28	2°♑40'20	
evening set	-247 Dec 14 j 20:36	1°♑35'12	
	-247 Dec 16 j 19:07	30°℞♐	
inferior conj	-247 Dec 20 j 11:40	25°♐39'42	3°01'57
minimum elong	-247 Dec 20 j 08:52	25°♐48'44	3°01'14
min. Earth dist.	-247 Dec 21 j 18:07	24°♐01'33	0.66163 AU
morning rise	-247 Dec 25 j 20:20	19°♐26'42	
direct	-246 Jan 01 j 02:27	16°♐41'46	
morning max el	-246 Jan 13 j 15:02	24°♐06'12	26°04'26
desc. node	-246 Jan 18 j 22:54	0°♑01'07	
	-246 Jan 18 j 22:32	0°♑	
	-246 Feb 08 j 17:27	0°♒	
morning set	-246 Feb 18 j 19:13	17°♒38'32	
max. Earth dist.	-246 Feb 22 j 18:59	25°♒12'34	1.35456 AU
	-246 Feb 25 j 05:36	0°♓	
superior conj	-246 Feb 27 j 22:03	5°♓23'40	-1°-17'-24
minimum elong	-246 Feb 28 j 01:33	5°♓41'22	1°16'53
evening rise	-246 Mar 07 j 18:57	21°♓35'35	
asc. node	-246 Mar 08 j 02:35	22°♓14'35	
	-246 Mar 11 j 23:51	0°♈	
evening max el	-246 Mar 26 j 02:25	21°♈11'32	20°23'01
retrograde	-246 Apr 05 j 20:51	26°♈21'49	
evening set	-246 Apr 08 j 00:14	26°♈10'25	
desc. node	-246 Apr 16 j 22:07	22°♈18'10	
inferior conj	-246 Apr 17 j 01:49	22°♈12'45	0°-2'-38
minimum elong	-246 Apr 17 j 01:42	22°♈12'56	0°02'37
transit middle	-246 Apr 17 j 01:42	22°♈12'56	0°02'37
transit begin	-246 Apr 16 j 21:43	22°♈18'46	
transit end	-246 Apr 17 j 05:41	22°♈07'05	
min. Earth dist.	-246 Apr 18 j 14:58	21°♈18'25	0.55245 AU
morning rise	-246 Apr 26 j 01:01	17°♈55'37	
direct	-246 Apr 29 j 18:10	17°♈25'37	
morning max el	-246 May 13 j 05:56	24°♈01'39	23°27'12
	-246 May 18 j 15:45	0°♉	
asc. node	-246 Jun 04 j 01:51	27°♉41'32	
	-246 Jun 05 j 04:37	0°♊	
morning set	-246 Jun 05 j 17:30	1°♊07'24	
superior conj	-246 Jun 12 j 20:31	16°♊23'04	1°20'53
minimum elong	-246 Jun 12 j 18:00	16°♊09'38	1°20'31
max. Earth dist.	-246 Jun 15 j 04:07	21°♊19'18	1.33632 AU
	-246 Jun 19 j 08:40	0°♋	
evening rise	-246 Jun 20 j 10:51	2°♋11'27	
	-246 Jul 06 j 02:20	0°♌	
desc. node	-246 Jul 13 j 21:25	11°♌18'39	
evening max el	-246 Jul 24 j 08:28	23°♌26'17	27°22'26
	-246 Aug 02 j 21:04	0°♍	
retrograde	-246 Aug 06 j 21:41	0°♍45'55	
	-246 Aug 10 j 17:10	30°℞♌	
evening set	-246 Aug 14 j 00:29	28°♌03'30	
min. Earth dist.	-246 Aug 17 j 17:13	24°♌41'01	0.64163 AU
inferior conj	-246 Aug 20 j 03:10	22°♌07'36	-3°-19'-34
minimum elong	-246 Aug 20 j 07:45	21°♌55'26	3°18'12
morning rise	-246 Aug 26 j 16:56	16°♌42'08	
direct	-246 Aug 29 j 06:35	16°♌08'37	
asc. node	-246 Aug 31 j 01:02	16°♌24'40	
morning max el	-246 Sep 04 j 19:05	19°♌35'22	17°58'09
	-246 Sep 12 j 12:30	0°♍	
morning set	-246 Sep 21 j 23:10	15°♍50'39	
	-246 Sep 30 j 08:29	0°♎	
superior conj	-246 Oct 04 j 23:59	7°♎37'52	0°31'48
minimum elong	-246 Oct 05 j 03:27	7°♎51'56	0°31'20
desc. node	-246 Oct 09 j 20:41	15°♎27'14	
max. Earth dist.	-246 Oct 10 j 05:07	16°♎00'48	1.44370 AU
	-246 Oct 19 j 03:11	0°♏	
evening rise	-246 Oct 21 j 06:34	3°♏18'25	
	-246 Nov 08 j 01:41	0°♐	
greatest brilliancy	-246 Nov 11 j 03:05	4°♐14'53	-0.6m
evening max el	-246 Nov 17 j 12:30	12°♐01'01	20°20'20
retrograde	-246 Nov 25 j 10:00	16°♐39'50	
asc. node	-246 Nov 27 j 00:17	16°♐25'20	
evening set	-246 Nov 29 j 02:54	15°♐20'18	
inferior conj	-246 Dec 04 j 14:27	9°♐12'17	2°23'40
minimum elong	-246 Dec 04 j 11:47	9°♐21'18	2°22'49
min. Earth dist.	-246 Dec 05 j 07:51	8°♐13'33	0.67013 AU
morning rise	-246 Dec 09 j 20:08	2°♐57'08	
direct	-246 Dec 15 j 11:50	0°♐28'16	
morning max el	-246 Dec 26 j 23:23	7°♐18'42	24°44'32
desc. node	-245 Jan 05 j 19:55	18°♐59'53	
	-245 Jan 13 j 16:49	0°♑	
morning set	-245 Feb 01 j 00:47	29°♑34'24	
	-245 Feb 01 j 06:34	0°♒	
max. Earth dist.	-245 Feb 04 j 17:46	6°♒14'48	1.37302 AU
superior conj	-245 Feb 11 j 08:05	18°♒43'43	-1°-39'-28
minimum elong	-245 Feb 11 j 11:54	19°♒02'17	1°39'05
	-245 Feb 17 j 00:36	0°♓	
evening rise	-245 Feb 19 j 20:42	5°♓40'48	
asc. node	-245 Feb 22 j 23:37	11°♓49'40	
	-245 Mar 06 j 00:43	0°♈	
evening max el	-245 Mar 08 j 18:35	3°♈00'44	19°19'34
retrograde	-245 Mar 17 j 20:36	7°♈22'37	
evening set	-245 Mar 20 j 01:06	7°♈08'33	
inferior conj	-245 Mar 28 j 09:46	2°♈59'59	1°44'29
minimum elong	-245 Mar 28 j 13:36	2°♈53'37	1°43'17
min. Earth dist.	-245 Mar 31 j 05:43	1°♈08'08	0.56349 AU
	-245 Apr 02 j 02:24	30°℞♓	
desc. node	-245 Apr 03 j 19:08	29°♓05'34	
morning rise	-245 Apr 05 j 22:16	28°♓11'08	
direct	-245 Apr 10 j 16:47	27°♓19'00	
	-245 Apr 19 j 03:32	0°♈	
morning max el	-245 Apr 24 j 20:33	4°♈31'41	25°06'36
	-245 May 13 j 01:02	0°♉	
morning set	-245 May 21 j 05:30	16°♉06'46	
asc. node	-245 May 21 j 22:53	17°♉38'39	
	-245 May 27 j 15:51	0°♊	
superior conj	-245 May 28 j 06:21	1°♊19'02	1°02'15
minimum elong	-245 May 28 j 04:03	1°♊06'29	1°01'51
max. Earth dist.	-245 May 29 j 11:35	3°♊57'59	1.32841 AU
evening rise	-245 Jun 04 j 11:27	16°♊40'09	
	-245 Jun 11 j 07:30	0°♋	
desc. node	-245 Jun 30 j 18:27	29°♋49'26	
	-245 Jun 30 j 21:58	0°♌	
evening max el	-245 Jul 06 j 17:16	6°♌15'59	27°20'28
retrograde	-245 Jul 20 j 12:28	13°♌33'55	
evening set	-245 Jul 27 j 16:51	11°♌05'48	
min. Earth dist.	-245 Jul 31 j 06:48	8°♌12'19	0.62430 AU
inferior conj	-245 Aug 03 j 05:21	5°♌25'55	-4°-4'-4
minimum elong	-245 Aug 03 j 09:54	5°♌15'10	4°03'08
morning rise	-245 Aug 10 j 05:27	0°♌20'01	
	-245 Aug 11 j 10:31	30°℞♋	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-245 Aug 12 j 16:24	29°♋52'57	
	-245 Aug 13 j 22:03	0°♌	
asc. node	-245 Aug 17 j 22:04	1°♌58'30	
morning max el	-245 Aug 19 j 10:22	3°♌18'49	17°53'58
morning set	-245 Sep 04 j 13:18	28°♌29'40	
	-245 Sep 05 j 09:28	0°♍	
superior conj	-245 Sep 15 j 17:35	18°♍07'52	1°08'55
minimum elong	-245 Sep 15 j 22:38	18°♍29'18	1°08'20
	-245 Sep 22 j 20:47	0°♎	
max. Earth dist.	-245 Sep 22 j 19:44	29°♍55'44	1.43116 AU
desc. node	-245 Sep 26 j 17:44	6°♎13'54	
evening rise	-245 Sep 30 j 14:19	12°♎18'27	
	-245 Oct 12 j 06:09	0°♏	
greatest brilliancy	-245 Oct 26 j 10:28	19°♏44'18	-0.4m
evening max el	-245 Oct 31 j 10:28	25°♏29'30	21°30'05
	-245 Nov 06 j 05:24	0°♐	
retrograde	-245 Nov 09 j 06:58	0°♐45'18	
	-245 Nov 12 j 03:52	30°℞♏	
evening set	-245 Nov 13 j 10:38	29°♏09'24	
asc. node	-245 Nov 13 j 21:18	28°♏47'34	
inferior conj	-245 Nov 18 j 20:20	22°♏52'11	1°38'44
minimum elong	-245 Nov 18 j 18:16	22°♏59'21	1°37'56
min. Earth dist.	-245 Nov 19 j 02:09	22°♏32'07	0.67505 AU
morning rise	-245 Nov 24 j 01:36	16°♏36'56	
direct	-245 Nov 29 j 01:52	14°♏29'22	
morning max el	-245 Dec 09 j 08:32	20°♏36'09	23°17'05
greatest brilliancy	-245 Dec 14 j 13:12	26°♏26'17	-0.2m
	-245 Dec 17 j 09:11	0°♐	
desc. node	-245 Dec 23 j 16:57	8°♐34'33	
	-244 Jan 06 j 22:57	0°♑	
morning set	-244 Jan 13 j 05:13	10°♑13'31	
max. Earth dist.	-244 Jan 17 j 13:03	17°♑36'42	1.39394 AU
	-244 Jan 24 j 10:58	0°♒	
superior conj	-244 Jan 25 j 03:44	1°♒17'33	-1°-55'-28
minimum elong	-244 Jan 25 j 06:33	1°♒30'38	1°55'20
evening rise	-244 Feb 03 j 14:14	19°♒16'21	
	-244 Feb 09 j 06:48	0°♓	
asc. node	-244 Feb 09 j 20:39	1°♓02'17	
evening max el	-244 Feb 19 j 20:11	15°♓24'25	18°36'00
retrograde	-244 Feb 27 j 14:42	19°♓12'07	
evening set	-244 Feb 29 j 23:35	18°♓52'10	
inferior conj	-244 Mar 08 j 13:53	14°♓24'38	2°59'04
minimum elong	-244 Mar 08 j 18:00	14°♓16'38	2°58'10
min. Earth dist.	-244 Mar 11 j 23:19	11°♓48'21	0.58105 AU
morning rise	-244 Mar 16 j 08:25	9°♓04'54	
desc. node	-244 Mar 20 j 16:10	7°♓44'32	
direct	-244 Mar 22 j 04:58	7°♓38'34	
morning max el	-244 Apr 05 j 13:24	15°♓13'39	26°31'08
	-244 Apr 17 j 11:13	0°♈	
	-244 May 04 j 04:30	0°♉	
morning set	-244 May 04 j 16:24	1°♉02'08	
asc. node	-244 May 07 j 19:55	7°♉44'53	
superior conj	-244 May 11 j 17:54	16°♉18'28	0°40'23
minimum elong	-244 May 11 j 16:13	16°♉09'15	0°40'02
max. Earth dist.	-244 May 11 j 23:30	16°♉49'15	1.32420 AU
	-244 May 18 j 01:44	0°♊	
evening rise	-244 May 18 j 17:56	1°♊25'03	
	-244 Jun 03 j 08:28	0°♋	
desc. node	-244 Jun 16 j 15:29	17°♋12'59	
evening max el	-244 Jun 17 j 20:35	18°♋24'27	26°45'30
retrograde	-244 Jul 01 j 19:56	25°♋40'19	
evening set	-244 Jul 08 j 15:15	23°♋40'10	
min. Earth dist.	-244 Jul 12 j 10:08	21°♋02'03	0.60438 AU
inferior conj	-244 Jul 15 j 17:21	18°♋18'28	-4°-35'-2
minimum elong	-244 Jul 15 j 20:12	18°♋12'32	4°34'47
morning rise	-244 Jul 23 j 04:22	13°♋34'54	
direct	-244 Jul 25 j 14:54	13°♋12'10	
morning max el	-244 Aug 01 j 22:31	16°♋46'39	18°08'52
asc. node	-244 Aug 03 j 19:07	18°♋45'57	
	-244 Aug 11 j 07:09	0°♌	
morning set	-244 Aug 17 j 19:26	11°♌54'29	
superior conj	-244 Aug 27 j 13:29	29°♌55'41	1°32'55
minimum elong	-244 Aug 27 j 17:13	0°♍12'27	1°32'37
	-244 Aug 27 j 14:26	0°♍	
max. Earth dist.	-244 Sep 04 j 04:26	13°♍11'34	1.41372 AU
evening rise	-244 Sep 09 j 12:14	21°♍59'01	
desc. node	-244 Sep 12 j 14:48	26°♍56'56	
	-244 Sep 14 j 13:28	0°♎	
	-244 Oct 05 j 10:03	0°♏	
greatest brilliancy	-244 Oct 08 j 02:37	3°♏21'51	-0.3m
evening max el	-244 Oct 13 j 02:57	8°♏58'58	22°47'55
retrograde	-244 Oct 23 j 01:49	14°♏53'46	
evening set	-244 Oct 27 j 18:08	13°♏00'07	
asc. node	-244 Oct 30 j 18:20	9°♏48'57	
inferior conj	-244 Nov 02 j 03:27	6°♏37'31	0°48'49
minimum elong	-244 Nov 02 j 02:20	6°♏41'22	0°48'20
min. Earth dist.	-244 Nov 01 j 22:39	6°♏54'03	0.67658 AU
morning rise	-244 Nov 07 j 10:29	0°♏24'28	
	-244 Nov 07 j 23:24	30°℞♎	
direct	-244 Nov 11 j 19:49	28°♎39'33	
	-244 Nov 16 j 00:56	0°♏	
morning max el	-244 Nov 20 j 21:39	4°♏00'24	21°51'18
greatest brilliancy	-244 Nov 25 j 17:28	9°♏28'23	-0.4m
desc. node	-244 Dec 09 j 14:01	28°♏35'09	
	-244 Dec 10 j 12:58	0°♐	
morning set	-244 Dec 23 j 04:33	19°♐29'06	
max. Earth dist.	-244 Dec 29 j 11:53	29°♐45'58	1.41467 AU
	-244 Dec 29 j 15:15	0°♑	
superior conj	-243 Jan 06 j 03:56	12°♑52'58	-2°-1'-34
minimum elong	-243 Jan 06 j 03:46	12°♑52'15	2°01'34
	-243 Jan 15 j 15:03	0°♒	
evening rise	-243 Jan 16 j 20:13	2°♒14'41	
asc. node	-243 Jan 26 j 17:41	19°♒45'13	
evening max el	-243 Feb 02 j 04:25	28°♒15'05	18°12'29
	-243 Feb 04 j 05:58	0°♓	
retrograde	-243 Feb 09 j 02:50	1°♓44'28	
evening set	-243 Feb 11 j 16:10	1°♓16'45	
	-243 Feb 14 j 04:52	30°℞♒	
inferior conj	-243 Feb 18 j 14:37	26°♒27'57	3°39'03
minimum elong	-243 Feb 18 j 16:49	26°♒23'01	3°38'49
min. Earth dist.	-243 Feb 21 j 22:29	23°♒29'38	0.60174 AU
morning rise	-243 Feb 25 j 14:13	20°♒46'03	
direct	-243 Mar 04 j 05:34	18°♒41'57	
desc. node	-243 Mar 07 j 13:11	19°♒11'15	
morning max el	-243 Mar 18 j 12:00	26°♒29'12	27°27'05
	-243 Mar 21 j 19:39	0°♓	
	-243 Apr 10 j 22:17	0°♈	
morning set	-243 Apr 19 j 00:28	15°♈47'13	
asc. node	-243 Apr 24 j 17:00	27°♈55'50	
max. Earth dist.	-243 Apr 25 j 12:09	29°♈40'29	1.32361 AU
	-243 Apr 25 j 15:43	0°♉	
superior conj	-243 Apr 26 j 05:29	1°♉15'26	0°16'03
minimum elong	-243 Apr 26 j 04:46	1°♉11'29	0°15'54
evening rise	-243 May 03 j 04:02	16°♉18'27	
	-243 May 10 j 00:10	0°♊	
evening max el	-243 May 30 j 17:08	29°♊47'47	25°39'49
	-243 May 30 j 22:17	0°♋	
desc. node	-243 Jun 03 j 12:29	3°♋01'45	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

retrograde	-243 Jun 13 j 18:29	6°♋59'31		
evening set	-243 Jun 19 j 15:32	5°♋37'24		
min. Earth dist.	-243 Jun 24 j 05:24	2°♋56'22	0.58386 AU	
inferior conj	-243 Jun 27 j 11:38	0°♋36'10	-4°-42'-50	
minimum elong	-243 Jun 27 j 10:44	0°♋37'48	4°42'50	
	-243 Jun 28 j 07:51	30℞♊		
morning rise	-243 Jul 05 j 09:44	26°♊15'17		
direct	-243 Jul 07 j 21:41	25°♊55'26		
morning max el	-243 Jul 16 j 04:30	29°♊50'13	18°43'56	
	-243 Jul 16 j 08:36	0°♋		
asc. node	-243 Jul 21 j 16:11	6°♋32'08		
morning set	-243 Aug 01 j 13:01	25°♋53'12		
	-243 Aug 03 j 15:34	0°♌		
superior conj	-243 Aug 10 j 06:27	12°♌46'24	1°44'53	
minimum elong	-243 Aug 10 j 08:00	12°♌53'43	1°44'50	
max. Earth dist.	-243 Aug 17 j 08:04	25°♌42'20	1.39385 AU	
	-243 Aug 19 j 19:04	0°♍		
evening rise	-243 Aug 21 j 10:09	2°♍47'17		
desc. node	-243 Aug 30 j 11:50	17°♍32'19		
	-243 Sep 07 j 19:23	0°♎		
evening max el	-243 Sep 25 j 15:48	22°♎31'30	24°08'10	
retrograde	-243 Oct 06 j 17:16	29°♎01'19		
evening set	-243 Oct 11 j 23:40	26°♎49'42		
inferior conj	-243 Oct 17 j 10:00	20°♎25'48	0°-4'-38	
minimum elong	-243 Oct 17 j 10:07	20°♎25'26	0°04'38	
transit middle	-243 Oct 17 j 10:07	20°♎25'26	0°04'38	
transit begin	-243 Oct 17 j 07:30	20°♎34'16		
transit end	-243 Oct 17 j 12:44	20°♎16'35		
min. Earth dist.	-243 Oct 16 j 18:54	21°♎16'52	0.67495 AU	
asc. node	-243 Oct 17 j 15:23	20°♎07'35		
morning rise	-243 Oct 22 j 20:48	14°♎17'37		
direct	-243 Oct 26 j 16:41	12°♎54'04		
morning max el	-243 Nov 03 j 17:28	17°♎33'38	20°34'07	
greatest brilliancy	-243 Nov 09 j 22:14	24°♎55'06	-0.5m	
	-243 Nov 13 j 15:38	0°♏		
desc. node	-243 Nov 26 j 11:04	18°♏53'54		
morning set	-243 Dec 02 j 04:58	27°♏43'45		
	-243 Dec 03 j 15:59	0°♐		
max. Earth dist.	-243 Dec 11 j 18:04	12°♐49'26	1.43239 AU	
superior conj	-243 Dec 18 j 03:21	23°♐17'44	-1°-53'-13	
minimum elong	-243 Dec 17 j 22:28	22°♐57'25	1°52'58	
	-243 Dec 22 j 02:51	0°♑		
evening rise	-243 Dec 30 j 10:34	14°♑26'45		
	-242 Jan 08 j 10:16	0°♒		
asc. node	-242 Jan 13 j 14:43	7°♒48'40		
evening max el	-242 Jan 16 j 16:14	11°♒23'51	18°08'31	
retrograde	-242 Jan 23 j 05:06	14°♒49'08		
evening set	-242 Jan 25 j 22:44	14°♒12'27		
inferior conj	-242 Feb 01 j 08:43	9°♒02'28	3°51'08	
minimum elong	-242 Feb 01 j 08:39	9°♒02'37	3°51'08	
min. Earth dist.	-242 Feb 04 j 05:31	6°♒06'52	0.62237 AU	
morning rise	-242 Feb 07 j 16:20	3°♒06'38		
direct	-242 Feb 14 j 15:57	0°♒32'49		
desc. node	-242 Feb 22 j 10:14	3°♒13'36		
morning max el	-242 Feb 28 j 16:23	8°♒24'36	27°47'06	
	-242 Mar 17 j 07:29	0°♓		
morning set	-242 Apr 03 j 03:36	0°♈14'07		
	-242 Apr 03 j 00:49	0°♈		
max. Earth dist.	-242 Apr 08 j 21:37	12°♈17'37	1.32680 AU	
superior conj	-242 Apr 10 j 15:23	16°♈03'21	0°-9'-59	
minimum elong	-242 Apr 10 j 15:51	16°♈05'53	0°09'52	
behind sun begin	-242 Apr 10 j 11:47	15°♈43'50		
behind sun end	-242 Apr 10 j 19:54	16°♈27'56		
asc. node	-242 Apr 11 j 14:04	18°♈06'36		
	-242 Apr 17 j 01:59	0°♉		
evening rise	-242 Apr 17 j 15:42	1°♉12'47		
	-242 May 03 j 13:53	0°♊		
evening max el	-242 May 12 j 08:35	10°♊34'57	24°12'21	
desc. node	-242 May 21 j 09:29	16°♊40'28		
retrograde	-242 May 26 j 05:21	17°♊33'37		
evening set	-242 May 30 j 17:31	16°♊48'24		
min. Earth dist.	-242 Jun 05 j 19:55	13°♊48'26	0.56576 AU	
inferior conj	-242 Jun 08 j 09:52	12°♊11'27	-4°-14'-54	
minimum elong	-242 Jun 08 j 04:23	12°♊20'06	4°14'01	
morning rise	-242 Jun 16 j 19:00	8°♊09'22		
direct	-242 Jun 19 j 09:43	7°♊51'12		
morning max el	-242 Jun 29 j 01:24	12°♊19'51	19°40'02	
asc. node	-242 Jul 08 j 13:17	25°♊03'48		
	-242 Jul 11 j 07:46	0°♋		
morning set	-242 Jul 16 j 14:41	10°♋17'24		
superior conj	-242 Jul 24 j 15:00	26°♋24'49	1°47'01	
minimum elong	-242 Jul 24 j 14:36	26°♋22'53	1°47'01	
	-242 Jul 26 j 10:51	0°♌		
max. Earth dist.	-242 Jul 30 j 11:34	7°♌41'29	1.37410 AU	
evening rise	-242 Aug 03 j 08:21	14°♌45'41		
	-242 Aug 12 j 07:31	0°♍		
desc. node	-242 Aug 17 j 08:51	7°♍55'37		
	-242 Sep 02 j 12:12	0°♎		
evening max el	-242 Sep 08 j 03:27	6°♎08'12	25°23'39	
retrograde	-242 Sep 20 j 04:15	13°♎04'11		
evening set	-242 Sep 26 j 01:30	10°♎36'04		
min. Earth dist.	-242 Sep 30 j 12:25	5°♎38'48	0.67015 AU	
inferior conj	-242 Oct 01 j 14:15	4°♎15'05	-1°00'-10	
minimum elong	-242 Oct 01 j 15:46	4°♎10'12	0°59'33	
asc. node	-242 Oct 04 j 12:27	0°♎40'46		
	-242 Oct 05 j 04:01	30℞♍		
morning rise	-242 Oct 07 j 06:37	28°♍14'46		
direct	-242 Oct 10 j 15:04	27°♍09'45		
	-242 Oct 16 j 12:33	0°♎		
morning max el	-242 Oct 17 j 20:56	1°♎16'48	19°29'57	
greatest brilliancy	-242 Oct 26 j 18:35	12°♎39'24	-0.7m	
	-242 Nov 07 j 06:09	0°♏		
morning set	-242 Nov 11 j 04:12	6°♏03'56		
desc. node	-242 Nov 13 j 08:08	9°♏25'36		
max. Earth dist.	-242 Nov 24 j 07:35	26°♏38'04	1.44471 AU	
	-242 Nov 26 j 10:27	0°♐		
superior conj	-242 Nov 28 j 00:06	2°♐30'15	-1°-26'-50	
minimum elong	-242 Nov 27 j 15:54	1°♐57'29	1°26'04	
evening rise	-242 Dec 12 j 04:53	25°♐45'16		
	-242 Dec 14 j 17:43	0°♑		
evening max el	-242 Dec 31 j 04:45	24°♑43'52	18°23'25	
asc. node	-242 Dec 31 j 11:45	25°♑01'21		
retrograde	-241 Jan 06 j 17:18	28°♑17'29		
evening set	-241 Jan 09 j 15:37	27°♑30'46		
inferior conj	-241 Jan 15 j 16:15	22°♑00'56	3°42'52	
minimum elong	-241 Jan 15 j 14:31	22°♑05'52	3°42'40	
min. Earth dist.	-241 Jan 17 j 22:01	19°♑27'38	0.64055 AU	
morning rise	-241 Jan 21 j 11:59	15°♑56'14		
direct	-241 Jan 28 j 09:57	13°♑07'09		
desc. node	-241 Feb 09 j 07:18	19°♑17'00		
morning max el	-241 Feb 11 j 00:43	20°♑56'08	27°30'46	
	-241 Feb 18 j 21:48	0°♒		
	-241 Mar 10 j 09:12	0°♓		
morning set	-241 Mar 17 j 23:13	14°♓14'38		
max. Earth dist.	-241 Mar 23 j 00:06	24°♓28'50	1.33410 AU	
superior conj	-241 Mar 25 j 21:46	0°♈36'14	0°-36'-44	
minimum elong	-241 Mar 25 j 23:31	0°♈45'37	0°36'23	
	-241 Mar 25 j 14:57	0°♈		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-241 Mar 29 j 11:06	8°♈13'12	
evening rise	-241 Apr 02 j 03:11	16°♈01'55	
	-241 Apr 09 j 03:44	0°♉	
evening max el	-241 Apr 24 j 00:16	21°♉09'35	22°36'58
retrograde	-241 May 07 j 03:11	27°♉38'21	
desc. node	-241 May 08 j 06:31	27°♉35'28	
evening set	-241 May 10 j 06:40	27°♉16'41	
min. Earth dist.	-241 May 18 j 08:30	23°♉45'42	0.55358 AU
inferior conj	-241 May 19 j 13:40	23°♉04'10	-3°-1'-53
minimum elong	-241 May 19 j 06:34	23°♉14'18	2°59'52
morning rise	-241 May 28 j 08:54	19°♉10'40	
direct	-241 May 31 j 04:26	18°♉52'22	
morning max el	-241 Jun 11 j 11:17	24°♉07'28	20°56'33
	-241 Jun 16 j 16:14	0°♊	
asc. node	-241 Jun 25 j 10:21	14°♊09'26	
morning set	-241 Jun 30 j 21:44	24°♊59'07	
	-241 Jul 03 j 07:50	0°♋	
superior conj	-241 Jul 08 j 10:32	10°♋37'06	1°41'26
minimum elong	-241 Jul 08 j 08:49	10°♋28'16	1°41'19
max. Earth dist.	-241 Jul 12 j 20:35	19°♋31'52	1.35657 AU
evening rise	-241 Jul 17 j 02:26	27°♋42'19	
	-241 Jul 18 j 07:59	0°♌	
desc. node	-241 Aug 04 j 05:52	28°♌00'18	
	-241 Aug 05 j 14:45	0°♍	
evening max el	-241 Aug 21 j 15:12	19°♍44'18	26°26'38
retrograde	-241 Sep 03 j 10:13	26°♍56'14	
evening set	-241 Sep 09 j 21:37	24°♍15'47	
min. Earth dist.	-241 Sep 14 j 00:41	19°♍56'03	0.66196 AU
inferior conj	-241 Sep 15 j 14:17	18°♍01'40	-1°-56'-7
minimum elong	-241 Sep 15 j 17:13	17°♍52'44	1°54'58
asc. node	-241 Sep 21 j 09:31	12°♍18'46	
morning rise	-241 Sep 21 j 13:53	12°♍12'29	
direct	-241 Sep 24 j 13:08	11°♍22'33	
morning max el	-241 Oct 01 j 06:54	15°♍06'47	18°41'06
	-241 Oct 12 j 05:21	0°♎	
morning set	-241 Oct 22 j 00:30	15°♎31'02	
desc. node	-241 Oct 31 j 05:09	0°♏05'32	
	-241 Oct 31 j 03:45	0°♏	
superior conj	-241 Nov 07 j 02:20	10°♏55'31	0°-44'-3
minimum elong	-241 Nov 06 j 20:40	10°♏33'14	0°43'20
max. Earth dist.	-241 Nov 07 j 01:35	10°♏52'36	1.45010 AU
	-241 Nov 19 j 04:14	0°♐	
evening rise	-241 Nov 22 j 23:45	6°♐04'40	
	-241 Dec 08 j 05:52	0°♑	
evening max el	-241 Dec 14 j 15:23	8°♑09'14	18°56'16
asc. node	-241 Dec 18 j 08:47	11°♑09'05	
retrograde	-241 Dec 21 j 11:32	12°♑01'50	
evening set	-241 Dec 24 j 15:39	11°♑03'49	
inferior conj	-241 Dec 30 j 09:33	5°♑16'37	3°20'04
minimum elong	-241 Dec 30 j 06:57	5°♑24'44	3°19'32
min. Earth dist.	-240 Jan 01 j 00:05	3°♑16'57	0.65504 AU
	-240 Jan 03 j 22:06	30°℞♐	
morning rise	-240 Jan 04 j 21:16	29°♐05'56	
direct	-240 Jan 11 j 10:23	26°♐16'16	
	-240 Jan 20 j 02:15	0°♑	
morning max el	-240 Jan 24 j 10:30	3°♑53'14	26°43'04
desc. node	-240 Jan 27 j 04:21	6°♑47'41	
	-240 Feb 13 j 07:19	0°♒	
morning set	-240 Feb 29 j 07:57	27°♒38'36	
	-240 Mar 01 j 13:28	0°♓	
max. Earth dist.	-240 Mar 04 j 16:19	6°♓07'23	1.34579 AU
superior conj	-240 Mar 08 j 22:30	14°♓47'42	-1°-3'-3
minimum elong	-240 Mar 09 j 01:28	15°♓03'02	1°02'33
asc. node	-240 Mar 15 j 08:08	28°♓11'43	
	-240 Mar 16 j 04:55	0°♈	
evening rise	-240 Mar 16 j 12:35	0°♈39'47	
	-240 Apr 03 j 00:14	0°♉	
evening max el	-240 Apr 04 j 23:02	2°♉01'34	21°07'45
retrograde	-240 Apr 16 j 17:01	7°♉43'20	
evening set	-240 Apr 19 j 00:32	7°♉30'52	
desc. node	-240 Apr 24 j 03:32	5°♉46'22	
inferior conj	-240 Apr 28 j 08:07	3°♉32'08	-1°-11'-45
minimum elong	-240 Apr 28 j 04:44	3°♉36'55	1°10'34
min. Earth dist.	-240 Apr 28 j 21:24	3°♉13'23	0.55004 AU
	-240 May 05 j 13:44	30°℞♈	
morning rise	-240 May 07 j 08:39	29°♈29'15	
direct	-240 May 10 j 14:45	29°♈06'21	
	-240 May 15 j 11:38	0°♉	
morning max el	-240 May 23 j 10:43	5°♉14'00	22°29'35
	-240 Jun 09 j 10:26	0°♊	
asc. node	-240 Jun 11 j 07:24	3°♊40'34	
morning set	-240 Jun 14 j 08:06	9°♊52'24	
superior conj	-240 Jun 21 j 13:40	25°♊13'13	1°29'48
minimum elong	-240 Jun 21 j 11:16	25°♊00'35	1°29'32
	-240 Jun 23 j 20:15	0°♋	
max. Earth dist.	-240 Jun 24 j 14:38	1°♋35'20	1.34255 AU
evening rise	-240 Jun 29 j 11:33	11°♋24'14	
	-240 Jul 09 j 16:28	0°♌	
desc. node	-240 Jul 21 j 02:52	17°♌38'16	
	-240 Jul 31 j 00:16	0°♍	
evening max el	-240 Aug 03 j 02:58	3°♍11'23	27°09'29
retrograde	-240 Aug 16 j 10:50	10°♍30'32	
evening set	-240 Aug 23 j 09:34	7°♍45'22	
min. Earth dist.	-240 Aug 27 j 05:28	4°♍03'10	0.65014 AU
inferior conj	-240 Aug 29 j 07:57	1°♍41'50	-2°-50'-18
minimum elong	-240 Aug 29 j 12:06	1°♍30'14	2°48'54
	-240 Aug 30 j 21:03	30°℞♌	
morning rise	-240 Sep 04 j 16:14	26°♌07'01	
direct	-240 Sep 07 j 08:38	25°♌28'33	
asc. node	-240 Sep 07 j 06:35	25°♌28'35	
morning max el	-240 Sep 13 j 21:10	28°♌59'13	18°08'51
	-240 Sep 14 j 20:08	0°♍	
morning set	-240 Oct 02 j 01:25	26°♍22'31	
	-240 Oct 04 j 05:50	0°♎	
superior conj	-240 Oct 16 j 06:45	19°♎33'20	0°05'21
minimum elong	-240 Oct 16 j 07:25	19°♎35'59	0°05'15
behind sun begin	-240 Oct 15 j 21:06	18°♎54'51	
behind sun end	-240 Oct 16 j 17:44	20°♎17'04	
desc. node	-240 Oct 17 j 02:10	20°♎50'32	
max. Earth dist.	-240 Oct 19 j 20:23	25°♎12'48	1.44808 AU
	-240 Oct 22 j 21:24	0°♏	
evening rise	-240 Nov 01 j 20:03	15°♏29'49	
	-240 Nov 11 j 05:49	0°♐	
greatest brilliancy	-240 Nov 19 j 04:38	11°♐49'26	-0.6m
evening max el	-240 Nov 26 j 22:02	21°♐36'31	19°45'29
retrograde	-240 Dec 04 j 08:41	25°♐56'50	
asc. node	-240 Dec 04 j 05:48	25°♐56'45	
evening set	-240 Dec 07 j 20:17	24°♐45'48	
inferior conj	-240 Dec 13 j 09:37	18°♐44'17	2°46'40
minimum elong	-240 Dec 13 j 06:48	18°♐53'34	2°45'51
min. Earth dist.	-240 Dec 14 j 10:15	17°♐22'59	0.66567 AU
morning rise	-240 Dec 18 j 16:39	12°♐29'56	
direct	-240 Dec 24 j 16:43	9°♐51'09	
morning max el	-239 Jan 05 j 19:38	17°♐03'12	25°32'01
desc. node	-239 Jan 13 j 01:22	25°♐19'43	
	-239 Jan 16 j 15:29	0°♑	
	-239 Feb 05 j 06:14	0°♒	
morning set	-239 Feb 11 j 01:05	10°♒11'25	
max. Earth dist.	-239 Feb 14 j 20:36	17°♒15'51	1.36194 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-239 Feb 20 j 14:50	28°♒28'50	-1°-27'-19
minimum elong	-239 Feb 20 j 18:35	28°♒47'31	1°26'50
	-239 Feb 21 j 09:03	0°♓	
evening rise	-239 Feb 28 j 17:49	14°♓58'40	
asc. node	-239 Mar 02 j 05:09	17°♓56'41	
	-239 Mar 08 j 14:01	0°♈	
evening max el	-239 Mar 18 j 08:46	13°♈28'26	19°53'41
retrograde	-239 Mar 28 j 09:45	18°♈17'20	
evening set	-239 Mar 30 j 12:30	18°♈05'27	
inferior conj	-239 Apr 08 j 07:30	14°♈04'32	0°45'55
minimum elong	-239 Apr 08 j 09:28	14°♈01'29	0°45'14
min. Earth dist.	-239 Apr 10 j 11:36	12°♈44'47	0.55608 AU
desc. node	-239 Apr 11 j 00:34	12°♈25'27	
morning rise	-239 Apr 17 j 03:20	9°♈34'16	
direct	-239 Apr 21 j 06:17	8°♈56'42	
morning max el	-239 May 05 j 03:03	15°♈50'45	24°10'22
	-239 May 16 j 09:39	0°♉	
asc. node	-239 May 29 j 04:26	23°♉29'25	
morning set	-239 May 29 j 19:56	24°♉50'36	
	-239 Jun 01 j 06:05	0°♊	
superior conj	-239 Jun 05 j 21:40	10°♊03'42	1°13'26
minimum elong	-239 Jun 05 j 19:11	9°♊50'19	1°13'03
max. Earth dist.	-239 Jun 07 j 17:36	14°♊00'08	1.33244 AU
evening rise	-239 Jun 13 j 07:29	25°♊38'27	
	-239 Jun 15 j 12:02	0°♋	
	-239 Jul 03 j 03:20	0°♌	
desc. node	-239 Jul 07 j 23:54	6°♌37'40	
evening max el	-239 Jul 16 j 13:22	16°♌17'33	27°25'29
retrograde	-239 Jul 30 j 05:42	23°♌37'39	
evening set	-239 Aug 06 j 10:13	20°♌59'20	
min. Earth dist.	-239 Aug 10 j 01:00	17°♌50'32	0.63460 AU
inferior conj	-239 Aug 12 j 16:39	15°♌09'42	-3°-39'-39
minimum elong	-239 Aug 12 j 21:22	14°♌57'44	3°38'26
morning rise	-239 Aug 19 j 10:45	9°♌52'26	
direct	-239 Aug 21 j 22:50	9°♌22'08	
asc. node	-239 Aug 25 j 03:37	10°♌12'19	
morning max el	-239 Aug 28 j 12:54	12°♌47'37	17°54'08
	-239 Sep 09 j 06:58	0°♍	
morning set	-239 Sep 14 j 03:43	8°♍27'03	
superior conj	-239 Sep 26 j 08:32	29°♍16'23	0°49'06
minimum elong	-239 Sep 26 j 13:10	29°♍35'29	0°48'29
	-239 Sep 26 j 19:06	0°♎	
max. Earth dist.	-239 Oct 02 j 12:42	9°♎19'40	1.43902 AU
desc. node	-239 Oct 03 j 23:12	11°♎37'33	
evening rise	-239 Oct 12 j 03:23	24°♎26'02	
	-239 Oct 15 j 18:27	0°♏	
greatest brilliancy	-239 Nov 04 j 06:55	28°♏20'55	-0.5m
	-239 Nov 05 j 13:49	0°♐	
evening max el	-239 Nov 09 j 23:20	5°♐04'49	20°48'43
retrograde	-239 Nov 18 j 06:18	9°♐59'21	
asc. node	-239 Nov 21 j 02:50	9°♐13'02	
evening set	-239 Nov 22 j 03:25	8°♐33'17	
inferior conj	-239 Nov 27 j 14:00	2°♐20'52	2°05'22
minimum elong	-239 Nov 27 j 11:32	2°♐29'19	2°04'29
min. Earth dist.	-239 Nov 28 j 02:23	1°♐38'33	0.67261 AU
	-239 Nov 29 j 07:42	30°℞♏	
morning rise	-239 Dec 02 j 19:11	26°♏05'08	
direct	-239 Dec 08 j 04:19	23°♏44'47	
	-239 Dec 18 j 20:46	0°♐	
morning max el	-239 Dec 19 j 04:02	0°♐18'12	24°07'37
desc. node	-239 Dec 30 j 22:24	14°♐35'31	
	-238 Jan 10 j 13:35	0°♑	
morning set	-238 Jan 23 j 20:47	21°♑36'59	
max. Earth dist.	-238 Jan 27 j 16:28	28°♑20'09	1.38173 AU
	-238 Jan 28 j 14:41	0°♒	

superior conj	-238 Feb 03 j 19:20	11°♒30'43	-1°-47'-13
minimum elong	-238 Feb 03 j 22:56	11°♒47'53	1°46'55
evening rise	-238 Feb 12 j 16:27	28°♒52'03	
	-238 Feb 13 j 06:17	0°♓	
asc. node	-238 Feb 17 j 02:10	7°♓22'55	
evening max el	-238 Mar 01 j 05:20	25°♓33'23	18°58'37
retrograde	-238 Mar 09 j 16:38	29°♓38'29	
evening set	-238 Mar 11 j 22:49	29°♓22'17	
inferior conj	-238 Mar 19 j 23:35	25°♓06'37	2°20'32
minimum elong	-238 Mar 20 j 03:58	24°♓58'53	2°19'19
min. Earth dist.	-238 Mar 23 j 03:38	22°♓53'17	0.57037 AU
morning rise	-238 Mar 28 j 04:55	20°♓03'37	
desc. node	-238 Mar 28 j 21:35	19°♓47'36	
direct	-238 Apr 02 j 11:07	18°♓57'44	
morning max el	-238 Apr 16 j 17:55	26°♓22'11	25°45'10
	-238 Apr 20 j 04:40	0°♈	
	-238 May 09 j 11:42	0°♉	
morning set	-238 May 14 j 07:39	9°♉48'21	
asc. node	-238 May 16 j 01:29	13°♉30'34	
superior conj	-238 May 21 j 08:27	25°♉01'38	0°53'19
minimum elong	-238 May 21 j 06:22	24°♉50'13	0°52'56
max. Earth dist.	-238 May 22 j 03:12	26°♉44'05	1.32617 AU
	-238 May 23 j 15:11	0°♊	
evening rise	-238 May 28 j 10:55	10°♊14'46	
	-238 Jun 07 j 19:11	0°♋	
desc. node	-238 Jun 24 j 20:55	24°♋42'21	
evening max el	-238 Jun 28 j 20:11	28°♋50'44	27°09'43
	-238 Jun 30 j 02:20	0°♌	
retrograde	-238 Jul 12 j 17:46	6°♌08'07	
evening set	-238 Jul 19 j 19:31	3°♌50'32	
min. Earth dist.	-238 Jul 23 j 10:20	1°♌05'17	0.61597 AU
	-238 Jul 24 j 16:01	30°℞♋	
inferior conj	-238 Jul 26 j 13:14	28°♋17'51	-4°-19'-25
minimum elong	-238 Jul 26 j 17:18	28°♋08'42	4°18'46
morning rise	-238 Aug 02 j 17:55	23°♋21'00	
direct	-238 Aug 05 j 04:18	22°♋56'05	
morning max el	-238 Aug 12 j 03:11	26°♋24'50	17°57'53
asc. node	-238 Aug 12 j 00:41	26°♋18'47	
	-238 Aug 15 j 05:52	0°♌	
morning set	-238 Aug 28 j 01:18	21°♌26'54	
	-238 Sep 01 j 18:01	0°♍	
superior conj	-238 Sep 07 j 13:44	10°♍20'04	1°20'41
minimum elong	-238 Sep 07 j 18:26	10°♍40'34	1°20'12
max. Earth dist.	-238 Sep 15 j 00:35	22°♍57'55	1.42416 AU
	-238 Sep 19 j 08:26	0°♎	
desc. node	-238 Sep 20 j 20:15	2°♎22'51	
evening rise	-238 Sep 21 j 15:17	3°♎38'11	
	-238 Oct 09 j 04:41	0°♏	
greatest brilliancy	-238 Oct 19 j 01:13	13°♏12'07	-0.3m
evening max el	-238 Oct 23 j 18:57	18°♏33'52	22°02'36
retrograde	-238 Nov 02 j 02:29	24°♏06'09	
evening set	-238 Nov 06 j 11:15	22°♏23'03	
asc. node	-238 Nov 07 j 23:53	20°♏57'48	
inferior conj	-238 Nov 11 j 20:38	16°♏03'18	1°18'07
minimum elong	-238 Nov 11 j 18:56	16°♏09'13	1°17'25
min. Earth dist.	-238 Nov 11 j 21:56	15°♏58'47	0.67610 AU
morning rise	-238 Nov 17 j 02:23	9°♏48'36	
direct	-238 Nov 21 j 20:17	7°♏50'24	
morning max el	-238 Dec 01 j 14:15	13°♏37'19	22°39'52
greatest brilliancy	-238 Dec 06 j 05:33	18°♏48'48	-0.3m
	-238 Dec 14 j 17:32	0°♐	
desc. node	-238 Dec 17 j 19:28	4°♐22'16	
	-237 Jan 03 j 12:28	0°♑	
morning set	-237 Jan 04 j 12:56	1°♑39'57	
max. Earth dist.	-237 Jan 09 j 12:17	9°♑58'50	1.40302 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-237 Jan 17 j 07:25	23°♑41'31	-1°-59'-32
minimum elong	-237 Jan 17 j 09:15	23°♑49'48	1°59'29
	-237 Jan 20 j 17:55	0°♒	
evening rise	-237 Jan 27 j 05:30	12°♒12'22	
asc. node	-237 Feb 03 j 23:13	26°♒23'41	
	-237 Feb 06 j 03:43	0°♓	
evening max el	-237 Feb 12 j 10:12	8°♓09'45	18°23'33
retrograde	-237 Feb 19 j 18:30	11°♓47'19	
evening set	-237 Feb 22 j 05:31	11°♓24'05	
inferior conj	-237 Mar 01 j 12:40	6°♓47'39	3°19'56
minimum elong	-237 Mar 01 j 16:07	6°♓40'32	3°19'20
min. Earth dist.	-237 Mar 04 j 23:04	3°♓59'01	0.58976 AU
morning rise	-237 Mar 08 j 23:01	1°♓17'41	
	-237 Mar 12 j 03:06	30°℞♒	
direct	-237 Mar 15 j 05:01	29°♒34'53	
desc. node	-237 Mar 15 j 18:37	29°♒35'43	
	-237 Mar 18 j 08:18	0°♓	
morning max el	-237 Mar 29 j 12:44	7°♓15'32	26°59'00
	-237 Apr 15 j 14:06	0°♈	
morning set	-237 Apr 28 j 17:36	24°♈40'02	
	-237 May 01 j 05:59	0°♉	
asc. node	-237 May 02 j 22:33	3°♉39'15	
superior conj	-237 May 05 j 20:15	10°♉00'46	0°30'19
minimum elong	-237 May 05 j 18:56	9°♉53'35	0°30'03
max. Earth dist.	-237 May 05 j 15:59	9°♉37'21	1.32353 AU
evening rise	-237 May 12 j 19:14	25°♉04'34	
	-237 May 15 j 04:25	0°♊	
	-237 Jun 01 j 17:43	0°♋	
evening max el	-237 Jun 10 j 21:01	10°♋41'11	26°21'04
desc. node	-237 Jun 11 j 17:56	11°♋29'50	
retrograde	-237 Jun 24 j 21:28	17°♋54'54	
evening set	-237 Jul 01 j 08:56	16°♋10'30	
min. Earth dist.	-237 Jul 05 j 10:03	13°♋33'18	0.59556 AU
inferior conj	-237 Jul 08 j 18:13	10°♋57'25	-4°-41'-57
minimum elong	-237 Jul 08 j 19:42	10°♋54'29	4°41'54
morning rise	-237 Jul 16 j 09:52	6°♋23'16	
direct	-237 Jul 18 j 20:55	6°♋01'47	
morning max el	-237 Jul 26 j 13:03	9°♋43'25	18°21'14
asc. node	-237 Jul 29 j 21:46	13°♋33'08	
	-237 Aug 08 j 19:49	0°♌	
morning set	-237 Aug 11 j 12:52	5°♌08'00	
superior conj	-237 Aug 20 j 19:20	22°♌36'42	1°39'21
minimum elong	-237 Aug 20 j 22:10	22°♌49'41	1°39'10
	-237 Aug 24 j 21:38	0°♍	
max. Earth dist.	-237 Aug 28 j 07:23	5°♍56'42	1.40545 AU
evening rise	-237 Sep 01 j 22:58	13°♍46'24	
desc. node	-237 Sep 07 j 17:18	23°♍03'14	
	-237 Sep 12 j 05:17	0°♎	
	-237 Oct 04 j 10:09	0°♏	
evening max el	-237 Oct 06 j 09:47	2°♏04'56	23°22'09
retrograde	-237 Oct 16 j 19:52	8°♏14'39	
evening set	-237 Oct 21 j 18:08	6°♏13'16	
asc. node	-237 Oct 25 j 20:57	1°♏34'38	
inferior conj	-237 Oct 27 j 03:43	29°♎49'52	0°26'30
minimum elong	-237 Oct 27 j 03:06	29°♎52'01	0°26'13
min. Earth dist.	-237 Oct 26 j 18:33	0°♏21'18	0.67634 AU
	-237 Oct 27 j 00:46	30°℞♎	
morning rise	-237 Nov 01 j 12:08	23°♎38'45	
direct	-237 Nov 05 j 15:38	22°♎03'05	
morning max el	-237 Nov 14 j 05:56	27°♎04'50	21°17'07
	-237 Nov 16 j 22:13	0°♏	
greatest brilliancy	-237 Nov 19 j 12:21	3°♏08'40	-0.4m
desc. node	-237 Dec 04 j 16:32	24°♏31'16	
	-237 Dec 08 j 07:37	0°♐	
morning set	-237 Dec 15 j 00:48	10°♐23'39	
max. Earth dist.	-237 Dec 22 j 14:36	22°♐33'30	1.42282 AU
	-237 Dec 27 j 01:58	0°♑	
superior conj	-237 Dec 29 j 21:40	4°♑48'06	-2°00'-3
minimum elong	-237 Dec 29 j 19:37	4°♑39'19	2°00'01
evening rise	-236 Jan 10 j 05:21	24°♑52'01	
	-236 Jan 13 j 01:31	0°♒	
asc. node	-236 Jan 21 j 20:15	14°♒50'55	
evening max el	-236 Jan 26 j 20:18	21°♒08'51	18°08'22
retrograde	-236 Feb 02 j 13:21	24°♒34'51	
evening set	-236 Feb 05 j 04:34	24°♒03'20	
inferior conj	-236 Feb 11 j 21:16	19°♒05'02	3°47'06
minimum elong	-236 Feb 11 j 22:28	19°♒02'09	3°47'02
min. Earth dist.	-236 Feb 15 j 01:03	16°♒05'23	0.61073 AU
morning rise	-236 Feb 18 j 13:37	13°♒16'29	
direct	-236 Feb 25 j 09:44	10°♒58'37	
desc. node	-236 Mar 01 j 15:40	12°♒12'08	
morning max el	-236 Mar 10 j 13:57	18°♒47'48	27°40'16
	-236 Mar 20 j 01:19	0°♓	
	-236 Apr 07 j 07:38	0°♈	
morning set	-236 Apr 11 j 23:50	9°♈18'14	
max. Earth dist.	-236 Apr 18 j 03:57	22°♈25'11	1.32452 AU
asc. node	-236 Apr 18 j 19:35	23°♈50'21	
superior conj	-236 Apr 19 j 07:18	24°♈54'21	0°05'11
minimum elong	-236 Apr 19 j 07:04	24°♈53'03	0°05'08
behind sun begin	-236 Apr 19 j 02:15	24°♈26'43	
behind sun end	-236 Apr 19 j 11:53	25°♈19'24	
	-236 Apr 21 j 15:11	0°♉	
evening rise	-236 Apr 26 j 06:14	9°♉59'12	
	-236 May 06 j 14:12	0°♊	
evening max el	-236 May 22 j 14:54	21°♊46'42	25°04'30
desc. node	-236 May 28 j 14:57	26°♊28'06	
retrograde	-236 Jun 05 j 15:01	28°♊54'12	
evening set	-236 Jun 10 j 23:17	27°♊48'31	
min. Earth dist.	-236 Jun 16 j 02:31	25°♊01'24	0.57569 AU
inferior conj	-236 Jun 19 j 04:05	22°♊57'29	-4°-36'-8
minimum elong	-236 Jun 19 j 01:10	23°♊02'27	4°35'53
morning rise	-236 Jun 27 j 06:55	18°♊45'38	
direct	-236 Jun 29 j 20:07	18°♊26'32	
morning max el	-236 Jul 08 j 15:29	22°♊33'28	19°05'15
	-236 Jul 14 j 16:53	0°♋	
asc. node	-236 Jul 15 j 18:50	1°♋39'53	
morning set	-236 Jul 25 j 10:15	19°♋18'29	
	-236 Jul 30 j 19:50	0°♌	
superior conj	-236 Aug 02 j 19:34	5°♌49'31	1°46'52
minimum elong	-236 Aug 02 j 20:14	5°♌52'43	1°46'51
max. Earth dist.	-236 Aug 09 j 10:31	18°♌12'36	1.38529 AU
evening rise	-236 Aug 13 j 07:31	25°♌04'42	
	-236 Aug 16 j 04:34	0°♍	
desc. node	-236 Aug 24 j 14:19	13°♍33'55	
	-236 Sep 04 j 21:32	0°♎	
evening max el	-236 Sep 17 j 21:45	15°♎38'39	24°41'14
retrograde	-236 Sep 29 j 09:28	22°♎20'47	
evening set	-236 Oct 04 j 22:19	20°♎01'31	
min. Earth dist.	-236 Oct 09 j 13:49	14°♎43'48	0.67332 AU
inferior conj	-236 Oct 10 j 09:30	13°♎38'21	0°-28'-3
minimum elong	-236 Oct 10 j 10:11	13°♎36'03	0°27'46
asc. node	-236 Oct 11 j 18:01	11°♎51'46	
morning rise	-236 Oct 15 j 22:28	7°♎33'26	
direct	-236 Oct 19 j 13:12	6°♎18'19	
morning max el	-236 Oct 27 j 05:09	10°♎42'40	20°05'07
greatest brilliancy	-236 Nov 03 j 07:22	19°♎21'35	-0.6m
	-236 Nov 10 j 17:06	0°♏	
desc. node	-236 Nov 20 j 13:35	14°♏56'03	
morning set	-236 Nov 22 j 21:33	18°♏31'44	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-236 Nov 30 j 05:55	0°♐		
max. Earth dist.	-236 Dec 04 j 00:23	5°♐59'07	1.43835 AU	
superior conj	-236 Dec 09 j 09:32	14°♐40'52	-1°-44'-19	
minimum elong	-236 Dec 09 j 02:46	14°♐13'14	1°43'50	
	-236 Dec 18 j 13:45	0°♑		
evening rise	-236 Dec 22 j 11:45	6°♑42'43		
	-235 Jan 05 j 17:07	0°♒		
asc. node	-235 Jan 07 j 17:18	2°♒34'37		
evening max el	-235 Jan 09 j 08:42	4°♒23'09	18°12'34	
retrograde	-235 Jan 15 j 20:33	7°♒51'00		
evening set	-235 Jan 18 j 15:59	7°♒10'17		
inferior conj	-235 Jan 24 j 21:37	1°♒51'27	3°49'43	
minimum elong	-235 Jan 24 j 20:46	1°♒53'45	3°49'41	
	-235 Jan 26 j 14:47	30°℞♑		
min. Earth dist.	-235 Jan 27 j 12:11	29°♑03'23	0.63042 AU	
morning rise	-235 Jan 30 j 23:39	25°♑51'04		
direct	-235 Feb 06 j 23:24	23°♑09'03		
desc. node	-235 Feb 16 j 12:43	27°♑10'51		
	-235 Feb 19 j 19:25	0°♒		
morning max el	-235 Feb 20 j 20:39	1°♒01'09	27°44'30	
	-235 Mar 14 j 03:50	0°♓		
morning set	-235 Mar 27 j 00:10	23°♓35'43		
	-235 Mar 30 j 03:17	0°♈		
max. Earth dist.	-235 Apr 01 j 11:06	4°♈53'52	1.32938 AU	
superior conj	-235 Apr 03 j 15:57	9°♈36'54	0°-21'-16	
minimum elong	-235 Apr 03 j 16:58	9°♈42'22	0°21'04	
asc. node	-235 Apr 05 j 16:38	14°♈00'02		
evening rise	-235 Apr 10 j 18:03	24°♈52'21		
	-235 Apr 13 j 05:16	0°♉		
	-235 May 01 j 21:35	0°♊		
evening max el	-235 May 04 j 05:22	2°♊24'13	23°31'45	
desc. node	-235 May 15 j 11:56	9°♊00'39		
retrograde	-235 May 17 j 20:40	9°♊13'23		
evening set	-235 May 21 j 18:03	8°♊40'02		
min. Earth dist.	-235 May 28 j 15:48	5°♊28'14	0.55967 AU	
inferior conj	-235 May 30 j 17:50	4°♊13'30	-3°-49'-31	
minimum elong	-235 May 30 j 11:04	4°♊23'40	3°48'02	
morning rise	-235 Jun 08 j 07:36	0°♊17'07		
	-235 Jun 10 j 11:53	30°℞♉		
direct	-235 Jun 10 j 23:47	29°♉59'22		
	-235 Jun 11 j 11:38	0°♊		
morning max el	-235 Jun 21 j 07:56	4°♊46'16	20°10'14	
asc. node	-235 Jul 02 j 15:54	20°♊26'53		
	-235 Jul 07 j 16:38	0°♋		
morning set	-235 Jul 09 j 14:27	3°♋50'31		
superior conj	-235 Jul 17 j 09:17	19°♋43'47	1°45'29	
minimum elong	-235 Jul 17 j 08:15	19°♋38'34	1°45'27	
max. Earth dist.	-235 Jul 22 j 15:17	0°♌02'49	1.36625 AU	
	-235 Jul 22 j 14:42	0°♌		
evening rise	-235 Jul 26 j 14:45	7°♌29'06		
	-235 Aug 08 j 23:09	0°♍		
desc. node	-235 Aug 11 j 11:19	3°♍49'49		
evening max el	-235 Aug 31 j 09:05	29°♍14'42	25°52'24	
	-235 Sep 01 j 04:02	0°♎		
retrograde	-235 Sep 12 j 18:33	6°♎19'33		
evening set	-235 Sep 18 j 21:59	3°♎45'17		
	-235 Sep 22 j 11:14	30°℞♍		
min. Earth dist.	-235 Sep 23 j 05:24	29°♍03'49	0.66705 AU	
inferior conj	-235 Sep 24 j 12:10	27°♍26'27	-1°-24'-1	
minimum elong	-235 Sep 24 j 14:18	27°♍19'44	1°23'08	
asc. node	-235 Sep 28 j 15:05	22°♍46'50		
morning rise	-235 Sep 30 j 07:26	21°♍30'33		
direct	-235 Oct 03 j 11:34	20°♍32'35		
morning max el	-235 Oct 10 j 11:38	24°♍29'07	19°07'11	
	-235 Oct 15 j 02:46	0°♎		
morning set	-235 Nov 02 j 03:37	27°♎14'18		
	-235 Nov 03 j 21:58	0°♏		
desc. node	-235 Nov 07 j 10:37	5°♏31'23		
max. Earth dist.	-235 Nov 16 j 15:42	19°♏58'58	1.44779 AU	
superior conj	-235 Nov 18 j 20:30	23°♏27'26	-1°-10'-18	
minimum elong	-235 Nov 18 j 12:34	22°♏56'04	1°09'25	
	-235 Nov 22 j 23:20	0°♐		
evening rise	-235 Dec 03 j 20:20	17°♐35'51		
	-235 Dec 11 j 09:59	0°♑		
evening max el	-235 Dec 23 j 20:40	17°♑45'38	18°35'20	
asc. node	-235 Dec 25 j 14:20	19°♑21'23		
retrograde	-235 Dec 30 j 11:43	21°♑26'22		
evening set	-234 Jan 02 j 12:13	20°♑35'14		
inferior conj	-234 Jan 08 j 09:42	14°♑57'54	3°34'42	
minimum elong	-234 Jan 08 j 07:31	15°♑04'24	3°34'23	
min. Earth dist.	-234 Jan 10 j 09:00	12°♑37'35	0.64712 AU	
morning rise	-234 Jan 14 j 01:33	8°♑50'08		
direct	-234 Jan 20 j 20:28	5°♑58'51		
morning max el	-234 Feb 03 j 05:55	13°♑45'05	27°13'53	
desc. node	-234 Feb 03 j 09:46	13°♑54'42		
	-234 Feb 16 j 10:29	0°♒		
	-234 Mar 06 j 18:25	0°♓		
morning set	-234 Mar 10 j 15:37	7°♓22'11		
max. Earth dist.	-234 Mar 15 j 09:20	16°♓50'24	1.33848 AU	
superior conj	-234 Mar 18 j 20:12	24°♓01'26	0°-48'-2	
minimum elong	-234 Mar 18 j 22:30	24°♓13'32	0°47'36	
	-234 Mar 21 j 15:52	0°♈		
asc. node	-234 Mar 23 j 13:39	4°♈03'33		
evening rise	-234 Mar 26 j 04:51	9°♈37'02		
	-234 Apr 05 j 23:06	0°♉		
evening max el	-234 Apr 15 j 23:21	13°♉03'05	21°57'37	
retrograde	-234 Apr 28 j 14:18	19°♉13'32		
evening set	-234 May 01 j 06:55	18°♉57'25		
desc. node	-234 May 02 j 08:56	18°♉42'16		
min. Earth dist.	-234 May 10 j 04:44	15°♉08'42	0.55091 AU	
inferior conj	-234 May 10 j 16:08	14°♉52'42	-2°-18'-22	
minimum elong	-234 May 10 j 10:02	15°♉01'15	2°16'25	
morning rise	-234 May 19 j 14:28	10°♉57'12		
direct	-234 May 22 j 13:16	10°♉37'50		
morning max el	-234 Jun 03 j 13:11	16°♉15'55	21°34'26	
	-234 Jun 14 j 02:56	0°♊		
asc. node	-234 Jun 19 j 12:56	9°♊44'07		
morning set	-234 Jun 23 j 23:08	18°♊37'37		
	-234 Jun 29 j 09:10	0°♋		
superior conj	-234 Jul 01 j 08:25	4°♋07'22	1°37'08	
minimum elong	-234 Jul 01 j 06:21	3°♋56'33	1°36'58	
max. Earth dist.	-234 Jul 05 j 03:41	11°♋55'36	1.35014 AU	
evening rise	-234 Jul 09 j 15:49	20°♋46'59		
	-234 Jul 14 j 15:23	0°♌		
desc. node	-234 Jul 29 j 08:18	23°♌44'16		
	-234 Aug 02 j 20:39	0°♍		
evening max el	-234 Aug 13 j 21:00	12°♍48'41	26°47'50	
retrograde	-234 Aug 26 j 22:27	20°♍05'03		
evening set	-234 Sep 02 j 14:58	17°♍21'39		
min. Earth dist.	-234 Sep 06 j 14:55	13°♍17'46	0.65732 AU	
inferior conj	-234 Sep 08 j 09:49	11°♍11'22	-2°-19'-29	
minimum elong	-234 Sep 08 j 13:18	11°♍01'05	2°18'11	
morning rise	-234 Sep 14 j 12:55	5°♍27'39		
asc. node	-234 Sep 15 j 12:08	5°♍02'27		
direct	-234 Sep 17 j 08:53	4°♍43'03		
morning max el	-234 Sep 23 j 23:43	8°♍20'49	18°25'15	
	-234 Oct 09 j 00:03	0°♎		
morning set	-234 Oct 13 j 12:05	7°♎17'43		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-234 Oct 25 j 07:38	26°♎13'55	
	-234 Oct 27 j 16:50	0°♏	
superior conj	-234 Oct 28 j 20:53	1°♏50'35	0°-23'-8
minimum elong	-234 Oct 28 j 17:50	1°♏38'34	0°22'45
max. Earth dist.	-234 Oct 30 j 10:05	4°♏16'58	1.45013 AU
evening rise	-234 Nov 14 j 05:02	27°♏30'21	
	-234 Nov 15 j 19:05	0°♐	
greatest brilliancy	-234 Nov 27 j 09:08	18°♐02'57	-0.7m
	-234 Dec 06 j 03:08	0°♑	
evening max el	-234 Dec 07 j 05:54	1°♑12'22	19°15'23
asc. node	-234 Dec 12 j 11:22	4°♑56'51	
retrograde	-234 Dec 14 j 07:23	5°♑15'31	
evening set	-234 Dec 17 j 14:28	4°♑12'14	
	-234 Dec 21 j 22:03	30°℞♐	
inferior conj	-234 Dec 23 j 06:13	28°♐18'52	3°07'00
minimum elong	-234 Dec 23 j 03:27	28°♐27'43	3°06'20
min. Earth dist.	-234 Dec 24 j 14:43	26°♐35'02	0.66008 AU
morning rise	-234 Dec 28 j 15:34	22°♐06'29	
direct	-233 Jan 03 j 23:40	19°♐19'57	
morning max el	-233 Jan 16 j 15:18	26°♐47'47	26°15'02
	-233 Jan 19 j 15:21	0°♑	
desc. node	-233 Jan 21 j 06:49	1°♑53'48	
	-233 Feb 10 j 01:19	0°♒	
morning set	-233 Feb 21 j 18:19	20°♒25'48	
max. Earth dist.	-233 Feb 25 j 20:03	28°♒12'37	1.35214 AU
	-233 Feb 26 j 17:56	0°♓	
superior conj	-233 Mar 02 j 17:45	8°♓00'58	-1°-13'-43
minimum elong	-233 Mar 02 j 21:07	8°♓18'09	1°13'12
asc. node	-233 Mar 10 j 10:40	23°♓56'45	
evening rise	-233 Mar 10 j 12:43	24°♓07'15	
	-233 Mar 13 j 10:26	0°♈	
evening max el	-233 Mar 29 j 02:42	24°♈09'00	20°34'05
retrograde	-233 Apr 09 j 03:13	29°♈27'17	
evening set	-233 Apr 11 j 07:20	29°♈15'47	
desc. node	-233 Apr 19 j 05:59	25°♈59'52	
inferior conj	-233 Apr 20 j 10:51	25°♈18'27	0°-20'-40
minimum elong	-233 Apr 20 j 09:52	25°♈19'51	0°20'19
min. Earth dist.	-233 Apr 21 j 18:06	24°♈33'19	0.55152 AU
morning rise	-233 Apr 29 j 10:44	21°♈05'35	
direct	-233 May 03 j 00:49	20°♈37'45	
morning max el	-233 May 16 j 08:47	27°♈06'38	23°12'10
	-233 May 19 j 04:14	0°♉	
asc. node	-233 Jun 06 j 09:57	29°♉23'25	
	-233 Jun 06 j 17:07	0°♊	
morning set	-233 Jun 08 j 10:19	3°♊33'34	
superior conj	-233 Jun 15 j 13:53	18°♊50'17	1°23'22
minimum elong	-233 Jun 15 j 11:24	18°♊36'58	1°23'03
max. Earth dist.	-233 Jun 18 j 01:53	24°♊08'38	1.33781 AU
	-233 Jun 20 j 21:37	0°♋	
evening rise	-233 Jun 23 j 06:01	4°♋44'11	
	-233 Jul 07 j 08:19	0°♌	
desc. node	-233 Jul 16 j 05:19	13°♌07'28	
evening max el	-233 Jul 27 j 08:42	26°♌09'23	27°20'00
	-233 Jul 31 j 22:22	0°♍	
retrograde	-233 Aug 09 j 20:33	3°♍28'44	
evening set	-233 Aug 16 j 22:31	0°♍45'18	
	-233 Aug 17 j 20:46	30°℞♌	
min. Earth dist.	-233 Aug 20 j 16:02	27°♌17'53	0.64397 AU
inferior conj	-233 Aug 23 j 00:02	24°♌47'26	-3°-12'-2
minimum elong	-233 Aug 23 j 04:31	24°♌35'19	3°10'41
morning rise	-233 Aug 29 j 12:20	19°♌19'23	
direct	-233 Sep 01 j 02:40	18°♌44'38	
asc. node	-233 Sep 02 j 09:11	18°♌53'02	
morning max el	-233 Sep 07 j 14:54	22°♌12'02	18°00'23
	-233 Sep 13 j 16:10	0°♍	
morning set	-233 Sep 25 j 00:34	18°♍42'50	
	-233 Oct 01 j 17:41	0°♎	
superior conj	-233 Oct 08 j 08:41	10°♎51'12	0°25'08
minimum elong	-233 Oct 08 j 11:32	11°♎02'44	0°24'45
desc. node	-233 Oct 12 j 04:40	17°♎00'02	
max. Earth dist.	-233 Oct 13 j 04:35	18°♎35'08	1.44510 AU
	-233 Oct 20 j 11:03	0°♏	
evening rise	-233 Oct 24 j 18:05	6°♏38'51	
	-233 Nov 09 j 04:40	0°♐	
greatest brilliancy	-233 Nov 13 j 17:45	6°♐27'01	-0.6m
evening max el	-233 Nov 20 j 10:28	14°♐40'22	20°10'52
retrograde	-233 Nov 28 j 04:55	19°♐14'04	
asc. node	-233 Nov 29 j 08:25	19°♐06'35	
evening set	-233 Dec 01 j 20:25	17°♐56'43	
inferior conj	-233 Dec 07 j 08:23	11°♐50'12	2°29'59
minimum elong	-233 Dec 07 j 05:39	11°♐59'22	2°29'06
min. Earth dist.	-233 Dec 08 j 03:34	10°♐45'45	0.66912 AU
morning rise	-233 Dec 12 j 14:20	5°♐35'16	
direct	-233 Dec 18 j 08:15	3°♐03'45	
morning max el	-233 Dec 29 j 23:54	9°♐59'56	24°57'10
desc. node	-232 Jan 08 j 03:53	20°♐46'04	
	-232 Jan 14 j 20:59	0°♑	
	-232 Feb 02 j 16:45	0°♒	
morning set	-232 Feb 04 j 03:07	2°♒31'50	
max. Earth dist.	-232 Feb 07 j 20:16	9°♒16'12	1.37002 AU
superior conj	-232 Feb 14 j 05:33	21°♒26'56	-1°-36'-28
minimum elong	-232 Feb 14 j 09:23	21°♒45'44	1°36'02
	-232 Feb 18 j 12:47	0°♓	
evening rise	-232 Feb 22 j 15:29	8°♓16'30	
asc. node	-232 Feb 25 j 07:43	13°♓34'47	
	-232 Mar 05 j 19:15	0°♈	
evening max el	-232 Mar 10 j 17:16	5°♈52'40	19°27'50
retrograde	-232 Mar 20 j 01:02	10°♈21'19	
evening set	-232 Mar 22 j 04:56	10°♈07'56	
inferior conj	-232 Mar 30 j 16:21	6°♈01'32	1°30'04
minimum elong	-232 Mar 30 j 19:50	5°♈55'52	1°28'56
min. Earth dist.	-232 Apr 02 j 08:37	4°♈17'49	0.56130 AU
desc. node	-232 Apr 05 j 03:01	2°♈40'58	
morning rise	-232 Apr 08 j 07:02	1°♈17'38	
direct	-232 Apr 12 j 21:21	0°♈29'49	
morning max el	-232 Apr 26 j 23:45	7°♈37'58	24°52'24
	-232 May 13 j 08:51	0°♉	
morning set	-232 May 22 j 22:22	18°♉33'06	
asc. node	-232 May 23 j 07:00	19°♉18'40	
	-232 May 28 j 05:59	0°♊	
superior conj	-232 May 29 j 23:21	3°♊45'14	1°05'19
minimum elong	-232 May 29 j 20:59	3°♊32'22	1°04'55
max. Earth dist.	-232 May 31 j 08:23	6°♊44'30	1.32935 AU
evening rise	-232 Jun 06 j 05:33	19°♊09'31	
	-232 Jun 11 j 18:02	0°♋	
	-232 Jun 30 j 16:27	0°♌	
desc. node	-232 Jul 02 j 02:20	1°♌46'10	
evening max el	-232 Jul 08 j 17:57	9°♌03'24	27°22'44
retrograde	-232 Jul 22 j 12:21	16°♌21'52	
evening set	-232 Jul 29 j 17:10	13°♌50'32	
min. Earth dist.	-232 Aug 02 j 07:07	10°♌53'32	0.62711 AU
inferior conj	-232 Aug 05 j 04:00	8°♌08'07	-3°-58'-2
minimum elong	-232 Aug 05 j 08:39	7°♌56'56	3°57'02
morning rise	-232 Aug 12 j 02:33	2°♌59'15	
direct	-232 Aug 14 j 13:43	2°♌31'25	
asc. node	-232 Aug 19 j 06:14	4°♌13'56	
morning max el	-232 Aug 21 j 06:23	5°♌56'46	17°53'25
	-232 Sep 05 j 19:22	0°♍	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-232 Sep 06 j 11:47	1°♍13'00	
superior conj	-232 Sep 17 j 22:07	21°♍08'38	1°04'07
minimum elong	-232 Sep 18 j 03:09	21°♍29'54	1°03'31
	-232 Sep 23 j 06:00	0°♎	
max. Earth dist.	-232 Sep 24 j 19:43	2°♎33'29	1.43338 AU
desc. node	-232 Sep 28 j 01:42	7°♎46'37	
evening rise	-232 Oct 03 j 01:06	15°♎36'03	
	-232 Oct 12 j 12:03	0°♏	
greatest brilliancy	-232 Oct 28 j 05:41	22°♏10'34	-0.4m
evening max el	-232 Nov 02 j 09:16	28°♏08'30	21°19'03
	-232 Nov 04 j 08:04	0°♐	
retrograde	-232 Nov 11 j 02:10	3°♐18'54	
evening set	-232 Nov 15 j 04:05	1°♐45'33	
asc. node	-232 Nov 15 j 05:28	1°♐42'51	
	-232 Nov 17 j 01:11	30°℞♏	
inferior conj	-232 Nov 20 j 13:57	25°♏29'22	1°45'56
minimum elong	-232 Nov 20 j 11:46	25°♏36'55	1°45'06
min. Earth dist.	-232 Nov 20 j 21:24	25°♏03'41	0.67452 AU
morning rise	-232 Nov 25 j 19:07	19°♏13'53	
direct	-232 Nov 30 j 21:37	17°♏03'01	
morning max el	-232 Dec 11 j 08:50	23°♏16'58	23°30'11
	-232 Dec 17 j 06:57	0°♐	
greatest brilliancy	-232 Dec 17 j 10:49	0°♐11'59	-0.2m
desc. node	-232 Dec 25 j 00:57	10°♐16'08	
	-231 Jan 07 j 06:41	0°♑	
morning set	-231 Jan 15 j 11:42	13°♑23'24	
max. Earth dist.	-231 Jan 19 j 15:28	20°♑32'23	1.39074 AU
	-231 Jan 24 j 22:04	0°♒	
superior conj	-231 Jan 27 j 03:39	4°♒08'10	-1°-53'-36
minimum elong	-231 Jan 27 j 06:44	4°♒22'36	1°53'25
evening rise	-231 Feb 05 j 10:28	21°♒56'50	
	-231 Feb 09 j 15:36	0°♓	
asc. node	-231 Feb 11 j 04:47	2°♓51'09	
evening max el	-231 Feb 21 j 17:37	18°♓11'18	18°41'14
retrograde	-231 Mar 01 j 16:13	22°♓03'10	
evening set	-231 Mar 04 j 00:19	21°♓44'18	
inferior conj	-231 Mar 11 j 17:16	17°♓19'59	2°50'06
minimum elong	-231 Mar 11 j 21:32	17°♓11'53	2°49'05
min. Earth dist.	-231 Mar 15 j 01:50	14°♓48'54	0.57811 AU
morning rise	-231 Mar 19 j 14:39	12°♓04'11	
desc. node	-231 Mar 23 j 00:05	10°♓56'47	
direct	-231 Mar 25 j 07:34	10°♓43'23	
morning max el	-231 Apr 08 j 16:00	18°♓16'22	26°20'06
	-231 Apr 18 j 11:01	0°♈	
	-231 May 05 j 17:13	0°♉	
morning set	-231 May 07 j 09:33	3°♉29'13	
asc. node	-231 May 10 j 04:04	9°♉23'39	
superior conj	-231 May 14 j 10:46	18°♉44'25	0°43'53
minimum elong	-231 May 14 j 08:58	18°♉34'33	0°43'32
max. Earth dist.	-231 May 14 j 19:46	19°♉33'45	1.32457 AU
	-231 May 19 j 15:15	0°♊	
evening rise	-231 May 21 j 11:19	3°♊52'15	
	-231 Jun 04 j 13:03	0°♋	
desc. node	-231 Jun 18 j 23:21	19°♋21'16	
evening max el	-231 Jun 20 j 22:11	21°♋18'14	26°52'46
retrograde	-231 Jul 04 j 21:12	28°♋34'48	
evening set	-231 Jul 11 j 18:35	26°♋29'39	
min. Earth dist.	-231 Jul 15 j 11:58	23°♋50'17	0.60743 AU
inferior conj	-231 Jul 18 j 18:21	21°♋04'56	-4°-31'-40
minimum elong	-231 Jul 18 j 21:36	20°♋58'02	4°31'18
morning rise	-231 Jul 26 j 03:44	16°♋17'59	
direct	-231 Jul 28 j 14:07	15°♋54'47	
morning max el	-231 Aug 04 j 19:14	19°♋27'29	18°05'22
asc. node	-231 Aug 06 j 03:18	20°♋51'09	
	-231 Aug 12 j 13:47	0°♌	
morning set	-231 Aug 20 j 15:51	14°♌31'42	
	-231 Aug 29 j 01:23	0°♍	
superior conj	-231 Aug 30 j 14:22	2°♍45'33	1°30'06
minimum elong	-231 Aug 30 j 18:23	3°♍03'29	1°29'45
max. Earth dist.	-231 Sep 07 j 05:05	15°♍54'49	1.41651 AU
evening rise	-231 Sep 12 j 20:01	25°♍08'11	
desc. node	-231 Sep 14 j 22:44	28°♍30'19	
	-231 Sep 15 j 21:29	0°♎	
	-231 Oct 06 j 09:44	0°♏	
greatest brilliancy	-231 Oct 11 j 06:20	6°♏12'13	-0.3m
evening max el	-231 Oct 16 j 02:30	11°♏37'55	22°36'03
retrograde	-231 Oct 25 j 21:29	17°♏27'10	
evening set	-231 Oct 30 j 11:43	15°♏36'21	
asc. node	-231 Nov 02 j 02:31	12°♏54'51	
inferior conj	-231 Nov 04 j 21:00	9°♏14'18	0°56'39
minimum elong	-231 Nov 04 j 19:43	9°♏18'44	0°56'07
min. Earth dist.	-231 Nov 04 j 17:47	9°♏25'25	0.67654 AU
morning rise	-231 Nov 10 j 03:38	3°♏00'39	
direct	-231 Nov 14 j 15:08	1°♏12'18	
morning max el	-231 Nov 23 j 21:06	6°♏40'00	22°03'38
greatest brilliancy	-231 Nov 28 j 14:31	11°♏59'52	-0.4m
desc. node	-231 Dec 11 j 22:00	0°♐13'31	
	-231 Dec 11 j 18:19	0°♐	
morning set	-231 Dec 26 j 15:22	22°♐51'09	
	-231 Dec 31 j 00:30	0°♑	
max. Earth dist.	-230 Jan 01 j 13:14	2°♑32'55	1.41174 AU
superior conj	-230 Jan 09 j 07:08	15°♑53'19	-2°-1'-28
minimum elong	-230 Jan 09 j 07:33	15°♑55'13	2°01'29
	-230 Jan 17 j 01:36	0°♒	
evening rise	-230 Jan 19 j 18:26	5°♒01'08	
asc. node	-230 Jan 29 j 01:50	21°♒39'03	
	-230 Feb 04 j 02:29	0°♓	
evening max el	-230 Feb 05 j 01:05	0°♓58'28	18°14'41
retrograde	-230 Feb 12 j 01:41	4°♓29'22	
evening set	-230 Feb 14 j 14:25	4°♓02'52	
	-230 Feb 20 j 19:30	30°℞♒	
inferior conj	-230 Feb 21 j 15:02	29°♒17'24	3°34'55
minimum elong	-230 Feb 21 j 17:34	29°♒11'48	3°34'36
min. Earth dist.	-230 Feb 24 j 23:59	26°♒20'38	0.59865 AU
morning rise	-230 Feb 28 j 17:21	23°♒38'16	
direct	-230 Mar 07 j 06:41	21°♒39'22	
desc. node	-230 Mar 09 j 21:08	21°♒57'21	
morning max el	-230 Mar 21 j 13:31	29°♒25'20	27°20'55
	-230 Mar 22 j 03:27	0°♓	
	-230 Apr 12 j 07:24	0°♈	
morning set	-230 Apr 21 j 18:08	18°♈15'43	
asc. node	-230 Apr 27 j 01:07	29°♈33'46	
	-230 Apr 27 j 05:56	0°♉	
superior conj	-230 Apr 28 j 22:26	3°♉41'45	0°19'53
minimum elong	-230 Apr 28 j 21:33	3°♉36'55	0°19'41
max. Earth dist.	-230 Apr 28 j 08:26	2°♉24'59	1.32344 AU
evening rise	-230 May 05 j 20:58	18°♉44'29	
	-230 May 11 j 10:33	0°♊	
	-230 May 31 j 02:12	0°♋	
evening max el	-230 Jun 02 j 19:50	2°♋48'23	25°51'22
desc. node	-230 Jun 05 j 20:22	5°♋26'28	
retrograde	-230 Jun 16 j 21:15	10°♋00'52	
evening set	-230 Jun 22 j 22:20	8°♋32'59	
min. Earth dist.	-230 Jun 27 j 08:22	5°♋53'26	0.58680 AU
inferior conj	-230 Jun 30 j 15:30	3°♋28'33	-4°-43'-47
minimum elong	-230 Jun 30 j 15:16	3°♋28'58	4°43'47
	-230 Jul 06 j 01:14	30°℞♊	
morning rise	-230 Jul 08 j 11:54	29°♊04'13	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-230 Jul 10 j 23:31	28°♊44'00		
	-230 Jul 15 j 15:25	0°♋		
morning max el	-230 Jul 19 j 02:18	2°♋35'10	18°37'23	
asc. node	-230 Jul 24 j 00:22	8°♋29'24		
morning set	-230 Aug 04 j 08:00	28°♋26'11		
	-230 Aug 05 j 03:20	0°♌		
superior conj	-230 Aug 13 j 04:32	15°♌27'51	1°43'46	
minimum elong	-230 Aug 13 j 06:25	15°♌36'41	1°43'40	
max. Earth dist.	-230 Aug 20 j 09:22	28°♌32'33	1.39686 AU	
	-230 Aug 21 j 05:23	0°♍		
evening rise	-230 Aug 24 j 14:11	5°♍45'58		
desc. node	-230 Sep 01 j 19:44	19°♍07'04		
	-230 Sep 09 j 00:23	0°♎		
evening max el	-230 Sep 28 j 15:49	25°♎10'06	23°56'22	
	-230 Oct 04 j 14:08	0°♏		
retrograde	-230 Oct 09 j 13:23	1°♏34'54		
	-230 Oct 14 j 00:21	30°℞♎		
evening set	-230 Oct 14 j 17:38	29°♎26'00		
min. Earth dist.	-230 Oct 19 j 14:12	23°♎48'06	0.67542 AU	
asc. node	-230 Oct 19 j 23:34	23°♎16'18		
inferior conj	-230 Oct 20 j 03:44	23°♎02'10	0°03'36	
minimum elong	-230 Oct 20 j 03:39	23°♎02'28	0°03'34	
transit middle	-230 Oct 20 j 03:39	23°♎02'28	0°03'34	
transit begin	-230 Oct 20 j 00:59	23°♎11'29		
transit end	-230 Oct 20 j 06:18	22°♎53'27		
morning rise	-230 Oct 25 j 13:50	16°♎53'04		
direct	-230 Oct 29 j 11:40	15°♎26'22		
morning max el	-230 Nov 06 j 15:43	20°♎11'24	20°44'49	
greatest brilliancy	-230 Nov 12 j 13:57	27°♎09'51	-0.5m	
	-230 Nov 14 j 17:03	0°♏		
desc. node	-230 Nov 28 j 19:02	20°♏29'48		
	-230 Dec 04 j 23:45	0°♐		
morning set	-230 Dec 05 j 18:04	1°♐11'09		
max. Earth dist.	-230 Dec 14 j 18:19	15°♐28'57	1.43010 AU	
superior conj	-230 Dec 21 j 10:29	26°♐29'11	-1°-55'-35	
minimum elong	-230 Dec 21 j 06:20	26°♐11'49	1°55'25	
	-230 Dec 23 j 12:24	0°♑		
evening rise	-229 Jan 02 j 11:19	17°♑20'27		
	-229 Jan 09 j 16:25	0°♒		
asc. node	-229 Jan 15 j 22:52	9°♒49'13		
evening max el	-229 Jan 19 j 12:33	14°♒05'10	18°07'52	
retrograde	-229 Jan 26 j 02:07	17°♒30'04		
evening set	-229 Jan 28 j 19:10	16°♒54'42		
inferior conj	-229 Feb 04 j 06:47	11°♒47'42	3°50'42	
minimum elong	-229 Feb 04 j 07:02	11°♒47'03	3°50'42	
min. Earth dist.	-229 Feb 07 j 05:34	8°♒50'25	0.61946 AU	
morning rise	-229 Feb 10 j 16:34	5°♒53'40		
direct	-229 Feb 17 j 15:40	3°♒23'33		
desc. node	-229 Feb 24 j 18:11	5°♒38'25		
morning max el	-229 Mar 03 j 17:03	11°♒14'37	27°46'31	
	-229 Mar 18 j 11:19	0°♓		
	-229 Apr 04 j 13:17	0°♈		
morning set	-229 Apr 05 j 22:08	2°♈45'52		
max. Earth dist.	-229 Apr 11 j 18:40	15°♈05'26	1.32606 AU	
superior conj	-229 Apr 13 j 08:41	18°♈31'31	0°-5'-56	
minimum elong	-229 Apr 13 j 08:58	18°♈33'03	0°05'54	
behind sun begin	-229 Apr 13 j 04:11	18°♈07'01		
behind sun end	-229 Apr 13 j 13:45	18°♈59'05		
asc. node	-229 Apr 13 j 22:10	19°♈44'56		
	-229 Apr 18 j 15:24	0°♉		
evening rise	-229 Apr 20 j 08:32	3°♉39'24		
	-229 May 04 j 14:23	0°♊		
evening max el	-229 May 15 j 11:51	13°♊40'08	24°26'18	
desc. node	-229 May 23 j 17:23	19°♊27'42		
retrograde	-229 May 29 j 09:45	20°♊41'21		
evening set	-229 Jun 03 j 03:18	19°♊51'13		
min. Earth dist.	-229 Jun 08 j 23:16	16°♊55'03	0.56814 AU	
inferior conj	-229 Jun 11 j 16:46	15°♊10'44	-4°-21'-59	
minimum elong	-229 Jun 11 j 11:53	15°♊18'33	4°21'18	
morning rise	-229 Jun 20 j 00:14	11°♊06'19		
direct	-229 Jun 22 j 14:36	10°♊47'54		
morning max el	-229 Jul 02 j 00:40	15°♊10'29	19°30'22	
asc. node	-229 Jul 10 j 21:25	26°♊55'03		
	-229 Jul 12 j 16:14	0°♋		
morning set	-229 Jul 19 j 08:40	12°♋47'32		
superior conj	-229 Jul 27 j 11:06	29°♋00'22	1°47'14	
minimum elong	-229 Jul 27 j 10:58	28°♋59'43	1°47'14	
	-229 Jul 27 j 23:16	0°♌		
max. Earth dist.	-229 Aug 02 j 12:44	10°♌36'18	1.37695 AU	
evening rise	-229 Aug 06 j 09:00	17°♌34'42		
	-229 Aug 13 j 15:54	0°♍		
desc. node	-229 Aug 19 j 16:44	9°♍32'45		
	-229 Sep 03 j 08:28	0°♎		
evening max el	-229 Sep 11 j 03:32	8°♎46'29	25°12'57	
retrograde	-229 Sep 23 j 01:00	15°♎38'53		
evening set	-229 Sep 28 j 20:07	13°♎12'59		
min. Earth dist.	-229 Oct 03 j 08:13	8°♎10'23	0.67114 AU	
inferior conj	-229 Oct 04 j 08:26	6°♎51'23	0°-51'-42	
minimum elong	-229 Oct 04 j 09:43	6°♎47'10	0°51'10	
asc. node	-229 Oct 06 j 20:37	3°♎43'33		
morning rise	-229 Oct 09 j 23:52	0°♎49'49		
	-229 Oct 11 j 15:40	30°℞♍		
direct	-229 Oct 13 j 09:55	29°♍42'14		
	-229 Oct 15 j 05:24	0°♎		
morning max el	-229 Oct 20 j 18:04	3°♎53'12	19°38'31	
greatest brilliancy	-229 Oct 29 j 01:54	14°♎22'59	-0.6m	
	-229 Nov 08 j 12:56	0°♏		
morning set	-229 Nov 14 j 15:45	9°♏25'37		
desc. node	-229 Nov 15 j 16:03	10°♏59'43		
max. Earth dist.	-229 Nov 27 j 07:02	29°♏12'29	1.44331 AU	
	-229 Nov 27 j 19:00	0°♐		
superior conj	-229 Dec 01 j 10:54	5°♐51'13	-1°-32'-1	
minimum elong	-229 Dec 01 j 02:54	5°♐19'04	1°31'17	
evening rise	-229 Dec 15 j 08:49	28°♐47'14		
	-229 Dec 16 j 02:05	0°♑		
asc. node	-228 Jan 02 j 19:54	27°♑10'27		
evening max el	-228 Jan 03 j 01:05	27°♑23'46	18°20'03	
	-228 Jan 06 j 07:24	0°♒		
retrograde	-228 Jan 09 j 13:10	0°♒55'33		
evening set	-228 Jan 12 j 10:44	0°♒10'22		
	-228 Jan 12 j 18:26	30°℞♑		
inferior conj	-228 Jan 18 j 12:33	24°♑43'13	3°45'08	
minimum elong	-228 Jan 18 j 11:02	24°♑47'30	3°45'00	
min. Earth dist.	-228 Jan 20 j 20:35	22°♑05'46	0.63803 AU	
morning rise	-228 Jan 24 j 09:48	18°♑39'33		
direct	-228 Jan 31 j 08:26	15°♑51'58		
desc. node	-228 Feb 11 j 15:13	21°♑26'06		
morning max el	-228 Feb 14 j 01:01	23°♑41'49	27°35'25	
	-228 Feb 19 j 17:08	0°♒		
	-228 Mar 10 j 18:28	0°♓		
morning set	-228 Mar 19 j 19:02	16°♓51'10		
max. Earth dist.	-228 Mar 24 j 22:35	27°♓22'12	1.33274 AU	
	-228 Mar 26 j 04:31	0°♈		
superior conj	-228 Mar 27 j 15:42	3°♈07'10	0°-32'-40	
minimum elong	-228 Mar 27 j 17:16	3°♈15'32	0°32'21	
asc. node	-228 Mar 30 j 19:12	9°♈52'35		
evening rise	-228 Apr 03 j 20:09	18°♈30'00		
	-228 Apr 09 j 12:56	0°♉		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-228 Apr 26 j 02:55	24°♉14'23	22°51'03
	-228 May 04 j 18:09	0°♊	
retrograde	-228 May 09 j 09:29	0°♊49'10	
desc. node	-228 May 09 j 14:25	0°♊49'04	
evening set	-228 May 12 j 17:21	0°♊24'54	
	-228 May 14 j 04:16	30°℞♉	
min. Earth dist.	-228 May 20 j 11:49	26°♉59'23	0.55489 AU
inferior conj	-228 May 21 j 22:52	26°♉08'59	-3°-15'-48
minimum elong	-228 May 21 j 15:40	26°♉19'21	3°13'53
morning rise	-228 May 30 j 16:48	22°♉15'26	
direct	-228 Jun 02 j 11:23	21°♉57'22	
morning max el	-228 Jun 13 j 12:15	27°♉04'41	20°44'01
	-228 Jun 16 j 07:43	0°♊	
asc. node	-228 Jun 26 j 18:27	15°♊55'58	
morning set	-228 Jul 02 j 15:02	27°♊27'01	
	-228 Jul 03 j 20:46	0°♋	
superior conj	-228 Jul 10 j 05:15	13°♋08'27	1°42'42
minimum elong	-228 Jul 10 j 03:41	13°♋00'29	1°42'37
max. Earth dist.	-228 Jul 14 j 20:34	22°♋26'07	1.35896 AU
	-228 Jul 18 j 19:25	0°♌	
evening rise	-228 Jul 19 j 00:25	0°♌23'21	
desc. node	-228 Aug 05 j 13:45	29°♌40'47	
	-228 Aug 05 j 18:57	0°♍	
evening max el	-228 Aug 23 j 15:09	22°♍22'52	26°18'18
retrograde	-228 Sep 05 j 07:46	29°♍33'14	
evening set	-228 Sep 11 j 17:13	26°♍54'03	
min. Earth dist.	-228 Sep 15 j 21:22	22°♍28'48	0.66342 AU
inferior conj	-228 Sep 17 j 09:13	20°♍38'38	-1°-47'-41
minimum elong	-228 Sep 17 j 11:56	20°♍30'15	1°46'37
asc. node	-228 Sep 22 j 17:39	15°♍09'30	
morning rise	-228 Sep 23 j 07:39	14°♍47'43	
direct	-228 Sep 26 j 08:05	13°♍55'50	
morning max el	-228 Oct 03 j 03:16	17°♍42'53	18°47'22
	-228 Oct 12 j 10:06	0°♎	
morning set	-228 Oct 24 j 08:06	18°♎41'00	
	-228 Oct 31 j 11:57	0°♏	
desc. node	-228 Nov 01 j 13:05	1°♏38'56	
max. Earth dist.	-228 Nov 09 j 00:38	13°♏24'50	1.44974 AU
superior conj	-228 Nov 09 j 14:52	14°♏20'49	0°-51'-15
minimum elong	-228 Nov 09 j 08:25	13°♏55'27	0°50'28
	-228 Nov 19 j 12:23	0°♐	
evening rise	-228 Nov 25 j 07:20	9°♐16'04	
	-228 Dec 08 j 08:15	0°♑	
evening max el	-228 Dec 16 j 12:08	10°♑48'49	18°50'17
asc. node	-228 Dec 19 j 16:55	13°♑29'16	
retrograde	-228 Dec 23 j 06:46	14°♑38'11	
evening set	-228 Dec 26 j 09:53	13°♑42'00	
inferior conj	-227 Jan 01 j 04:38	7°♑57'12	3°24'18
minimum elong	-227 Jan 01 j 02:07	8°♑04'58	3°23'48
min. Earth dist.	-227 Jan 02 j 21:22	5°♑52'00	0.65309 AU
morning rise	-227 Jan 06 j 17:18	1°♑47'06	
	-227 Jan 09 j 06:18	30°℞♐	
direct	-227 Jan 13 j 08:00	28°♐56'42	
	-227 Jan 17 j 17:53	0°♑	
morning max el	-227 Jan 26 j 10:52	6°♑36'40	26°51'52
desc. node	-227 Jan 28 j 12:16	8°♑45'46	
	-227 Feb 13 j 12:39	0°♒	
morning set	-227 Mar 03 j 05:38	0°♓21'38	
	-227 Mar 03 j 01:07	0°♓	
max. Earth dist.	-227 Mar 07 j 16:28	9°♓05'55	1.34377 AU
superior conj	-227 Mar 11 j 17:25	17°♓22'23	0°-59'-10
minimum elong	-227 Mar 11 j 20:13	17°♓36'56	0°58'40
asc. node	-227 Mar 17 j 16:14	29°♓52'49	
	-227 Mar 17 j 17:37	0°♈	
evening rise	-227 Mar 19 j 05:59	3°♈09'59	
	-227 Apr 03 j 13:19	0°♉	
evening max el	-227 Apr 08 j 00:14	5°♉02'06	21°20'11
retrograde	-227 Apr 20 j 00:08	10°♉51'47	
evening set	-227 Apr 22 j 09:23	10°♉38'43	
desc. node	-227 Apr 26 j 11:26	9°♉22'07	
inferior conj	-227 May 01 j 17:51	6°♉38'48	-1°-29'-48
minimum elong	-227 May 01 j 13:39	6°♉44'42	1°28'20
min. Earth dist.	-227 May 02 j 00:42	6°♉29'10	0.54997 AU
morning rise	-227 May 10 j 18:05	2°♉38'26	
direct	-227 May 13 j 21:53	2°♉16'45	
morning max el	-227 May 26 j 13:08	8°♉16'54	22°14'59
	-227 Jun 10 j 20:15	0°♊	
asc. node	-227 Jun 13 j 15:30	5°♊23'28	
morning set	-227 Jun 17 j 01:00	12°♊18'35	
superior conj	-227 Jun 24 j 07:25	27°♊41'23	1°31'53
minimum elong	-227 Jun 24 j 05:06	27°♊29'08	1°31'39
	-227 Jun 25 j 09:48	0°♋	
max. Earth dist.	-227 Jun 27 j 12:58	4°♋25'28	1.34437 AU
evening rise	-227 Jul 02 j 07:34	13°♋59'06	
	-227 Jul 11 j 01:21	0°♌	
desc. node	-227 Jul 23 j 10:46	19°♌23'19	
	-227 Jul 31 j 15:30	0°♍	
evening max el	-227 Aug 06 j 02:53	5°♍51'37	27°04'42
retrograde	-227 Aug 19 j 09:20	13°♍10'38	
evening set	-227 Aug 26 j 06:35	10°♍25'31	
min. Earth dist.	-227 Aug 30 j 03:27	6°♍37'48	0.65206 AU
inferior conj	-227 Sep 01 j 03:58	4°♍20'02	-2°-42'-19
minimum elong	-227 Sep 01 j 07:58	4°♍08'42	2°40'58
	-227 Sep 05 j 11:00	30°℞♌	
morning rise	-227 Sep 07 j 10:53	28°♌42'54	
asc. node	-227 Sep 09 j 14:42	28°♌04'42	
direct	-227 Sep 10 j 04:05	28°♌03'01	
	-227 Sep 14 j 22:35	0°♍	
morning max el	-227 Sep 16 j 17:04	1°♍35'22	18°12'36
morning set	-227 Oct 05 j 04:51	29°♍20'23	
	-227 Oct 05 j 14:27	0°♎	
desc. node	-227 Oct 19 j 10:06	22°♎23'32	
superior conj	-227 Oct 19 j 17:36	22°♎53'18	0°-2'-3
minimum elong	-227 Oct 19 j 17:20	22°♎52'14	0°02'03
behind sun begin	-227 Oct 19 j 06:26	22°♎08'58	
behind sun end	-227 Oct 20 j 04:14	23°♎35'28	
max. Earth dist.	-227 Oct 22 j 19:16	27°♎44'34	1.44880 AU
	-227 Oct 24 j 05:40	0°♏	
evening rise	-227 Nov 05 j 06:41	18°♏48'25	
	-227 Nov 12 j 11:52	0°♐	
greatest brilliancy	-227 Nov 21 j 15:46	13°♐49'05	-0.7m
evening max el	-227 Nov 29 j 19:30	24°♐16'11	19°37'12
asc. node	-227 Dec 06 j 13:58	28°♐30'08	
retrograde	-227 Dec 07 j 03:40	28°♐31'58	
evening set	-227 Dec 10 j 13:59	27°♐23'04	
inferior conj	-227 Dec 16 j 03:53	21°♐23'35	2°52'18
minimum elong	-227 Dec 16 j 01:04	21°♐32'50	2°51'31
min. Earth dist.	-227 Dec 17 j 06:32	19°♐56'18	0.66434 AU
morning rise	-227 Dec 21 j 11:25	15°♐09'36	
direct	-227 Dec 27 j 13:39	12°♐28'26	
morning max el	-226 Jan 08 j 20:07	19°♐45'18	25°43'39
desc. node	-226 Jan 15 j 09:19	27°♐10'00	
	-226 Jan 17 j 14:58	0°♑	
	-226 Feb 06 j 15:11	0°♒	
morning set	-226 Feb 14 j 01:28	13°♒03'11	
max. Earth dist.	-226 Feb 17 j 22:15	20°♒16'53	1.35928 AU
	-226 Feb 22 j 21:31	0°♓	
superior conj	-226 Feb 23 j 11:13	1°♓08'38	-1°-23'-53

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-226 Feb 23 j 14:53	1°♓27'05	1°23'22
evening rise	-226 Mar 03 j 11:58	17°♓32'01	
asc. node	-226 Mar 04 j 13:17	19°♓40'16	
	-226 Mar 09 j 21:17	0°♈	
evening max el	-226 Mar 21 j 08:19	16°♈23'32	20°03'33
retrograde	-226 Mar 31 j 15:25	21°♈19'47	
evening set	-226 Apr 02 j 18:08	21°♈08'13	
inferior conj	-226 Apr 11 j 15:37	17°♈08'48	0°29'02
minimum elong	-226 Apr 11 j 16:54	17°♈06'51	0°28'34
desc. node	-226 Apr 13 j 08:29	16°♈07'12	
min. Earth dist.	-226 Apr 13 j 14:49	15°♈57'46	0.55463 AU
morning rise	-226 Apr 20 j 12:49	12°♈43'12	
direct	-226 Apr 24 j 12:10	12°♈08'33	
morning max el	-226 May 08 j 06:09	18°♈56'48	23°55'21
	-226 May 17 j 10:28	0°♉	
asc. node	-226 May 31 j 12:34	25°♉10'16	
morning set	-226 Jun 01 j 12:44	27°♉16'30	
	-226 Jun 02 j 19:38	0°♊	
superior conj	-226 Jun 08 j 14:51	12°♊30'26	1°16'10
minimum elong	-226 Jun 08 j 12:22	12°♊16'58	1°15'48
max. Earth dist.	-226 Jun 10 j 14:43	16°♊47'09	1.33369 AU
evening rise	-226 Jun 16 j 02:08	28°♊09'33	
	-226 Jun 17 j 00:14	0°♋	
	-226 Jul 04 j 06:11	0°♌	
desc. node	-226 Jul 10 j 07:47	8°♌29'39	
evening max el	-226 Jul 19 j 13:45	19°♌02'26	27°25'08
retrograde	-226 Aug 02 j 05:10	26°♌22'36	
evening set	-226 Aug 09 j 09:11	23°♌42'37	
min. Earth dist.	-226 Aug 13 j 00:34	20°♌29'09	0.63709 AU
inferior conj	-226 Aug 15 j 14:14	17°♌50'41	-3°-32'-42
minimum elong	-226 Aug 15 j 18:56	17°♌38'34	3°31'26
morning rise	-226 Aug 22 j 06:48	12°♌30'26	
direct	-226 Aug 24 j 19:21	11°♌59'06	
asc. node	-226 Aug 27 j 11:46	12°♌35'01	
morning max el	-226 Aug 31 j 08:47	15°♌25'00	17°55'12
	-226 Sep 10 j 14:30	0°♍	
morning set	-226 Sep 17 j 03:48	11°♍15'35	
	-226 Sep 28 j 04:24	0°♎	
superior conj	-226 Sep 29 j 15:30	2°♎24'49	0°43'09
minimum elong	-226 Sep 29 j 19:47	2°♎42'28	0°42'36
max. Earth dist.	-226 Oct 05 j 12:10	11°♎54'53	1.44078 AU
desc. node	-226 Oct 06 j 07:09	13°♎10'37	
evening rise	-226 Oct 15 j 14:59	27°♎46'47	
	-226 Oct 17 j 01:38	0°♏	
	-226 Nov 06 j 11:26	0°♐	
greatest brilliancy	-226 Nov 06 j 23:54	0°♐41'21	-0.5m
evening max el	-226 Nov 12 j 21:45	7°♐44'56	20°38'32
retrograde	-226 Nov 21 j 01:18	12°♐33'48	
asc. node	-226 Nov 23 j 11:01	12°♐00'54	
evening set	-226 Nov 24 j 20:54	11°♐10'06	
inferior conj	-226 Nov 30 j 07:48	4°♐59'13	2°12'04
minimum elong	-226 Nov 30 j 05:14	5°♐07'55	2°11'10
min. Earth dist.	-226 Nov 30 j 21:55	4°♐11'07	0.67185 AU
	-226 Dec 04 j 06:08	30°℞♏	
morning rise	-226 Dec 05 j 13:06	28°♏43'37	
direct	-226 Dec 11 j 00:34	26°♏20'07	
	-226 Dec 18 j 22:26	0°♐	
morning max el	-226 Dec 22 j 04:27	2°♐59'37	24°20'35
desc. node	-225 Jan 02 j 06:24	16°♐20'18	
	-225 Jan 11 j 19:32	0°♑	
morning set	-225 Jan 27 j 00:47	24°♑39'52	
	-225 Jan 30 j 01:16	0°♒	
max. Earth dist.	-225 Jan 30 j 18:55	1°♒19'25	1.37866 AU
superior conj	-225 Feb 06 j 17:46	14°♒17'20	-1°-44'-37
minimum elong	-225 Feb 06 j 21:28	14°♒35'10	1°44'17
	-225 Feb 14 j 17:38	0°♓	
evening rise	-225 Feb 15 j 11:46	1°♓29'45	
asc. node	-225 Feb 19 j 10:20	9°♓09'52	
evening max el	-225 Mar 04 j 03:26	28°♓23'21	19°05'32
	-225 Mar 06 j 00:21	0°♈	
retrograde	-225 Mar 12 j 19:37	2°♈33'52	
evening set	-225 Mar 15 j 01:12	2°♈18'28	
	-225 Mar 20 j 07:15	30°℞♓	
inferior conj	-225 Mar 23 j 04:45	28°♓05'29	2°08'25
minimum elong	-225 Mar 23 j 09:01	27°♓58'08	2°07'10
min. Earth dist.	-225 Mar 26 j 06:22	25°♓59'19	0.56784 AU
desc. node	-225 Mar 31 j 05:32	23°♓14'35	
morning rise	-225 Mar 31 j 12:42	23°♓07'25	
direct	-225 Apr 05 j 14:57	22°♓06'31	
morning max el	-225 Apr 19 j 20:48	29°♓27'08	25°32'05
	-225 Apr 20 j 10:14	0°♈	
	-225 May 10 j 22:10	0°♉	
morning set	-225 May 17 j 00:35	12°♉15'00	
asc. node	-225 May 18 j 09:37	15°♉10'12	
superior conj	-225 May 24 j 01:21	27°♉27'53	0°56'35
minimum elong	-225 May 23 j 23:11	27°♉16'00	0°56'11
max. Earth dist.	-225 May 24 j 23:41	29°♉29'47	1.32688 AU
	-225 May 25 j 05:14	0°♊	
evening rise	-225 May 31 j 04:39	12°♊43'34	
	-225 Jun 09 j 03:46	0°♋	
desc. node	-225 Jun 27 j 04:49	26°♋44'10	
	-225 Jun 30 j 04:17	0°♌	
evening max el	-225 Jul 01 j 21:24	1°♌41'52	27°14'13
retrograde	-225 Jul 15 j 18:11	8°♌59'17	
evening set	-225 Jul 22 j 21:04	6°♌37'49	
min. Earth dist.	-225 Jul 26 j 11:27	3°♌49'55	0.61893 AU
inferior conj	-225 Jul 29 j 12:53	1°♌02'36	-4°-14'-22
minimum elong	-225 Jul 29 j 17:10	0°♌52'48	4°13'36
	-225 Jul 30 j 16:35	30°℞♋	
morning rise	-225 Aug 05 j 15:56	26°♋02'27	
direct	-225 Aug 08 j 02:28	25°♋36'49	
asc. node	-225 Aug 14 j 08:50	28°♋30'04	
morning max el	-225 Aug 14 j 23:27	29°♋04'24	17°56'06
	-225 Aug 15 j 21:00	0°♌	
morning set	-225 Aug 30 j 22:52	24°♌08'21	
	-225 Sep 03 j 04:30	0°♍	
superior conj	-225 Sep 10 j 16:37	13°♍16'32	1°16'46
minimum elong	-225 Sep 10 j 21:29	13°♍37'34	1°16'14
max. Earth dist.	-225 Sep 18 j 01:04	25°♍39'19	1.42671 AU
	-225 Sep 20 j 17:08	0°♎	
desc. node	-225 Sep 23 j 04:10	3°♎56'20	
evening rise	-225 Sep 25 j 01:03	6°♎53'40	
	-225 Oct 10 j 08:44	0°♏	
greatest brilliancy	-225 Oct 21 j 23:08	15°♏46'42	-0.4m
evening max el	-225 Oct 26 j 18:12	21°♏13'55	21°51'05
retrograde	-225 Nov 04 j 21:47	26°♏40'17	
evening set	-225 Nov 09 j 04:45	24°♏59'43	
asc. node	-225 Nov 10 j 08:04	23°♏58'44	
inferior conj	-225 Nov 14 j 14:12	18°♏40'50	1°25'35
minimum elong	-225 Nov 14 j 12:22	18°♏47'13	1°24'51
min. Earth dist.	-225 Nov 14 j 17:04	18°♏30'55	0.67582 AU
morning rise	-225 Nov 19 j 19:44	12°♏25'58	
direct	-225 Nov 24 j 15:53	10°♏24'25	
morning max el	-225 Dec 04 j 14:12	16°♏18'09	22°52'50
greatest brilliancy	-225 Dec 09 j 07:13	21°♏34'09	-0.3m
	-225 Dec 15 j 19:32	0°♐	
desc. node	-225 Dec 20 j 03:27	6°♐03'09	
	-224 Jan 04 j 20:51	0°♑	
morning set	-224 Jan 07 j 21:22	4°♑56'04	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	-224 Jan 12 j 14:31	12°♑52'26	1.39986 AU
superior conj	-224 Jan 20 j 08:40	26°♑37'05	-1°-58'-19
minimum elong	-224 Jan 20 j 10:54	26°♑47'16	1°58'16
	-224 Jan 22 j 04:47	0°♒	
evening rise	-224 Jan 30 j 02:31	14°♒56'11	
asc. node	-224 Feb 06 j 07:23	28°♒15'24	
	-224 Feb 07 j 07:48	0°♓	
evening max el	-224 Feb 15 j 07:16	10°♓56'00	18°27'28
retrograde	-224 Feb 22 j 18:52	14°♓36'46	
evening set	-224 Feb 25 j 05:09	14°♓14'42	
inferior conj	-224 Mar 03 j 14:44	9°♓41'19	3°13'07
minimum elong	-224 Mar 03 j 18:27	9°♓33'47	3°12'25
min. Earth dist.	-224 Mar 07 j 01:04	6°♓56'35	0.58666 AU
morning rise	-224 Mar 11 j 03:58	4°♓14'48	
direct	-224 Mar 17 j 06:50	2°♓37'51	
desc. node	-224 Mar 17 j 02:35	2°♓37'56	
morning max el	-224 Mar 31 j 14:52	10°♓16'30	26°49'55
	-224 Apr 15 j 18:50	0°♈	
morning set	-224 Apr 30 j 10:55	27°♈08'29	
	-224 May 01 j 19:27	0°♉	
asc. node	-224 May 04 j 06:40	5°♉18'23	
superior conj	-224 May 07 j 13:06	12°♉27'33	0°33'59
minimum elong	-224 May 07 j 11:39	12°♉19'36	0°33'41
max. Earth dist.	-224 May 07 j 12:19	12°♉23'12	1.32371 AU
evening rise	-224 May 14 j 12:23	27°♉32'09	
	-224 May 15 j 16:49	0°♊	
	-224 Jun 01 j 16:44	0°♋	
evening max el	-224 Jun 12 j 23:06	13°♋38'44	26°30'11
desc. node	-224 Jun 13 j 01:49	13°♋45'12	
retrograde	-224 Jun 26 j 23:05	20°♋53'02	
evening set	-224 Jul 03 j 13:40	19°♋02'55	
min. Earth dist.	-224 Jul 07 j 12:16	16°♋25'51	0.59870 AU
inferior conj	-224 Jul 10 j 20:21	13°♋46'51	-4°-40'-8
minimum elong	-224 Jul 10 j 22:22	13°♋42'48	4°40'00
morning rise	-224 Jul 18 j 10:23	9°♋09'24	
direct	-224 Jul 20 j 21:16	8°♋47'29	
morning max el	-224 Jul 28 j 10:09	12°♋26'15	18°16'26
asc. node	-224 Jul 31 j 05:53	15°♋35'02	
	-224 Aug 09 j 05:31	0°♌	
morning set	-224 Aug 13 j 08:34	7°♌43'43	
superior conj	-224 Aug 22 j 18:53	25°♌23'05	1°37'17
minimum elong	-224 Aug 22 j 22:03	25°♌37'27	1°37'04
	-224 Aug 25 j 08:22	0°♍	
max. Earth dist.	-224 Aug 30 j 08:30	8°♍44'00	1.40840 AU
evening rise	-224 Sep 04 j 05:06	16°♍51'17	
desc. node	-224 Sep 09 j 01:10	24°♍37'21	
	-224 Sep 12 j 12:11	0°♎	
greatest brilliancy	-224 Oct 02 j 13:12	28°♎08'12	-0.2m
	-224 Oct 04 j 02:17	0°♏	
evening max el	-224 Oct 08 j 09:30	4°♏43'55	23°10'12
retrograde	-224 Oct 18 j 15:39	10°♏48'31	
evening set	-224 Oct 23 j 11:50	8°♏49'46	
asc. node	-224 Oct 27 j 05:07	4°♏42'53	
inferior conj	-224 Oct 28 j 21:18	2°♏26'33	0°34'30
minimum elong	-224 Oct 28 j 20:29	2°♏29'20	0°34'10
min. Earth dist.	-224 Oct 28 j 13:38	2°♏52'55	0.67647 AU
	-224 Oct 30 j 16:51	30°℞♎	
morning rise	-224 Nov 03 j 05:11	26°♎14'47	
direct	-224 Nov 07 j 10:40	24°♎35'59	
morning max el	-224 Nov 16 j 04:55	29°♎44'13	21°28'53
	-224 Nov 16 j 11:07	0°♏	
greatest brilliancy	-224 Nov 21 j 06:54	5°♏33'05	-0.4m
desc. node	-224 Dec 06 j 00:28	26°♏09'02	
	-224 Dec 08 j 14:05	0°♐	
morning set	-224 Dec 17 j 13:01	13°♐50'06	
max. Earth dist.	-224 Dec 24 j 15:39	25°♐18'37	1.42002 AU
	-224 Dec 27 j 11:19	0°♑	
superior conj	-223 Jan 01 j 02:29	7°♑53'51	-2°00'-56
minimum elong	-223 Jan 01 j 01:08	7°♑48'02	2°00'56
evening rise	-223 Jan 12 j 04:35	27°♑42'33	
	-223 Jan 13 j 10:45	0°♒	
asc. node	-223 Jan 23 j 04:25	16°♒48'30	
evening max el	-223 Jan 28 j 16:45	23°♒52'12	18°09'22
retrograde	-223 Feb 04 j 11:28	27°♒19'11	
evening set	-223 Feb 07 j 02:01	26°♒49'02	
inferior conj	-223 Feb 13 j 20:38	21°♒54'00	3°44'42
minimum elong	-223 Feb 13 j 22:12	21°♒50'22	3°44'35
min. Earth dist.	-223 Feb 17 j 02:00	18°♒54'18	0.60758 AU
morning rise	-223 Feb 20 j 15:28	16°♒07'31	
direct	-223 Feb 27 j 10:03	13°♒54'21	
desc. node	-223 Mar 03 j 23:38	14°♒49'59	
morning max el	-223 Mar 13 j 15:14	21°♒43'04	27°36'28
	-223 Mar 20 j 21:29	0°♓	
	-223 Apr 08 j 18:12	0°♈	
morning set	-223 Apr 14 j 17:50	11°♈49'19	
max. Earth dist.	-223 Apr 21 j 00:37	25°♈12'37	1.32413 AU
asc. node	-223 Apr 21 j 03:42	25°♈29'29	
superior conj	-223 Apr 22 j 00:22	27°♈22'24	0°09'07
minimum elong	-223 Apr 21 j 23:57	27°♈20'07	0°09'01
behind sun begin	-223 Apr 21 j 19:46	26°♈57'16	
behind sun end	-223 Apr 22 j 04:08	27°♈43'00	
	-223 Apr 23 j 05:09	0°♉	
evening rise	-223 Apr 28 j 23:05	12°♉26'25	
	-223 May 07 j 21:35	0°♊	
evening max el	-223 May 25 j 17:47	24°♊50'00	25°17'11
desc. node	-223 May 30 j 22:50	29°♊02'16	
	-223 Jun 01 j 13:45	0°♋	
retrograde	-223 Jun 08 j 18:28	1°♋59'18	
evening set	-223 Jun 14 j 07:27	0°♋47'52	
	-223 Jun 15 j 23:56	30°℞♊	
min. Earth dist.	-223 Jun 19 j 05:34	28°♊03'14	0.57850 AU
inferior conj	-223 Jun 22 j 09:10	25°♊53'10	-4°-39'-24
minimum elong	-223 Jun 22 j 06:58	25°♊57'00	4°39'16
morning rise	-223 Jun 30 j 10:21	21°♊38'22	
direct	-223 Jul 02 j 23:05	21°♊19'01	
morning max el	-223 Jul 11 j 13:52	25°♊21'22	18°57'22
	-223 Jul 15 j 15:25	0°♋	
asc. node	-223 Jul 18 j 02:56	3°♋34'43	
morning set	-223 Jul 28 j 04:41	21°♋50'26	
	-223 Aug 01 j 07:59	0°♌	
superior conj	-223 Aug 05 j 16:42	8°♌28'47	1°46'20
minimum elong	-223 Aug 05 j 17:40	8°♌33'26	1°46'19
max. Earth dist.	-223 Aug 12 j 11:42	21°♌05'01	1.38826 AU
evening rise	-223 Aug 16 j 09:57	27°♌59'20	
	-223 Aug 17 j 14:08	0°♍	
desc. node	-223 Aug 26 j 22:10	15°♍09'54	
	-223 Sep 05 j 23:54	0°♎	
evening max el	-223 Sep 20 j 21:40	18°♎17'11	24°29'49
retrograde	-223 Oct 02 j 05:56	24°♎55'24	
evening set	-223 Oct 07 j 16:31	22°♎38'43	
min. Earth dist.	-223 Oct 12 j 09:16	17°♎15'41	0.67394 AU
inferior conj	-223 Oct 13 j 03:22	16°♎15'08	0°-19'-41
minimum elong	-223 Oct 13 j 03:50	16°♎13'32	0°19'29
asc. node	-223 Oct 14 j 02:09	14°♎59'26	
morning rise	-223 Oct 18 j 15:32	10°♎09'03	
direct	-223 Oct 22 j 08:00	8°♎51'05	
morning max el	-223 Oct 30 j 02:57	13°♎20'41	20°14'58
greatest brilliancy	-223 Nov 05 j 21:03	21°♎29'54	-0.6m

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-223 Nov 11 j 21:31	0°♏	
desc. node	-223 Nov 22 j 21:28	16°♏31'36	
morning set	-223 Nov 26 j 10:28	21°♏58'49	
	-223 Dec 01 j 13:56	0°♐	
max. Earth dist.	-223 Dec 07 j 00:07	8°♐36'26	1.43635 AU
superior conj	-223 Dec 12 j 18:21	17°♐57'35	-1°-47'-54
minimum elong	-223 Dec 12 j 12:12	17°♐32'19	1°47'29
	-223 Dec 19 j 22:54	0°♑	
evening rise	-223 Dec 25 j 13:49	9°♑40'47	
	-222 Jan 06 j 16:28	0°♒	
asc. node	-222 Jan 10 j 01:28	4°♒39'33	
evening max el	-222 Jan 12 j 04:58	7°♒04'39	18°10'46
retrograde	-222 Jan 18 j 17:03	10°♒31'24	
evening set	-222 Jan 21 j 11:48	9°♒52'09	
inferior conj	-222 Jan 27 j 18:53	4°♒36'26	3°50'35
minimum elong	-222 Jan 27 j 18:18	4°♒37'59	3°50'33
min. Earth dist.	-222 Jan 30 j 11:43	1°♒45'17	0.62764 AU
	-222 Feb 01 j 07:14	30°℞♑	
morning rise	-222 Feb 02 j 22:48	28°♑37'29	
direct	-222 Feb 09 j 22:41	25°♑57'57	
desc. node	-222 Feb 18 j 20:41	29°♑29'21	
	-222 Feb 19 j 13:05	0°♒	
morning max el	-222 Feb 23 j 21:11	3°♒50'21	27°46'09
	-222 Mar 15 j 10:23	0°♓	
morning set	-222 Mar 29 j 19:10	26°♓10'15	
	-222 Mar 31 j 16:14	0°♈	
max. Earth dist.	-222 Apr 04 j 08:35	7°♈44'10	1.32839 AU
superior conj	-222 Apr 06 j 09:28	12°♈06'55	0°-17'-13
minimum elong	-222 Apr 06 j 10:17	12°♈11'20	0°17'03
asc. node	-222 Apr 08 j 00:44	15°♈39'35	
evening rise	-222 Apr 13 j 10:53	27°♈20'00	
	-222 Apr 14 j 17:25	0°♉	
	-222 May 02 j 09:16	0°♊	
evening max el	-222 May 07 j 08:26	5°♊30'15	23°46'01
desc. node	-222 May 17 j 19:53	11°♊59'04	
retrograde	-222 May 21 j 02:02	12°♊23'15	
evening set	-222 May 25 j 04:28	11°♊46'05	
min. Earth dist.	-222 May 31 j 19:18	8°♊38'35	0.56165 AU
inferior conj	-222 Jun 03 j 01:49	7°♊15'53	-3°-59'-34
minimum elong	-222 Jun 02 j 19:24	7°♊25'39	3°58'19
morning rise	-222 Jun 11 j 13:58	3°♊17'44	
direct	-222 Jun 14 j 05:32	2°♊59'54	
morning max el	-222 Jun 24 j 07:55	7°♊40'16	19°59'16
asc. node	-222 Jul 04 j 23:58	22°♊16'23	
	-222 Jul 09 j 03:42	0°♋	
morning set	-222 Jul 12 j 08:03	6°♋19'53	
superior conj	-222 Jul 20 j 04:42	22°♋17'51	1°46'10
minimum elong	-222 Jul 20 j 03:52	22°♋13'45	1°46'09
	-222 Jul 24 j 02:42	0°♌	
max. Earth dist.	-222 Jul 25 j 15:48	2°♌57'26	1.36893 AU
evening rise	-222 Jul 29 j 14:07	10°♌15'04	
	-222 Aug 10 j 06:03	0°♍	
desc. node	-222 Aug 13 j 19:11	5°♍28'41	
	-222 Sep 01 j 12:21	0°♎	
evening max el	-222 Sep 03 j 09:04	1°♎53'32	25°42'39
retrograde	-222 Sep 15 j 15:42	8°♎55'39	
evening set	-222 Sep 21 j 16:57	6°♎23'31	
min. Earth dist.	-222 Sep 26 j 01:36	1°♎36'25	0.66820 AU
inferior conj	-222 Sep 27 j 06:37	0°♎03'46	-1°-15'-30
minimum elong	-222 Sep 27 j 08:31	29°♍57'41	1°14'43
	-222 Sep 27 j 07:48	30°℞♍	
asc. node	-222 Sep 30 j 23:12	25°♍45'46	
morning rise	-222 Oct 03 j 00:50	24°♍06'12	
direct	-222 Oct 06 j 06:25	23°♍05'52	
morning max el	-222 Oct 13 j 08:23	27°♍05'56	19°14'46
	-222 Oct 15 j 22:34	0°♎	
greatest brilliancy	-222 Oct 24 j 02:31	11°♎19'28	-0.7m
	-222 Nov 05 j 05:27	0°♏	
morning set	-222 Nov 05 j 13:39	0°♏31'57	
desc. node	-222 Nov 09 j 18:28	7°♏05'28	
max. Earth dist.	-222 Nov 19 j 14:37	22°♏31'45	1.44687 AU
superior conj	-222 Nov 22 j 08:26	26°♏52'08	-1°-16'-30
minimum elong	-222 Nov 22 j 00:15	26°♏19'43	1°15'38
	-222 Nov 24 j 07:40	0°♐	
evening rise	-222 Dec 07 j 01:46	20°♐42'17	
	-222 Dec 12 j 16:45	0°♑	
evening max el	-222 Dec 26 j 17:10	20°♑26'06	18°30'52
asc. node	-222 Dec 27 j 22:30	21°♑35'37	
retrograde	-221 Jan 02 j 07:11	24°♑04'06	
evening set	-221 Jan 05 j 06:55	23°♑14'32	
inferior conj	-221 Jan 11 j 05:27	17°♑39'52	3°37'52
minimum elong	-221 Jan 11 j 03:25	17°♑45'50	3°37'35
min. Earth dist.	-221 Jan 13 j 07:02	15°♑14'44	0.64489 AU
morning rise	-221 Jan 16 j 22:35	11°♑33'09	
direct	-221 Jan 23 j 18:43	8°♑42'16	
desc. node	-221 Feb 05 j 17:43	15°♑59'07	
morning max el	-221 Feb 06 j 06:06	16°♑29'44	27°20'25
	-221 Feb 17 j 11:22	0°♒	
	-221 Mar 08 j 04:48	0°♓	
morning set	-221 Mar 13 j 12:10	10°♓01'56	
max. Earth dist.	-221 Mar 18 j 08:20	19°♓45'55	1.33681 AU
superior conj	-221 Mar 21 j 14:32	26°♓34'44	0°-44'-1
minimum elong	-221 Mar 21 j 16:39	26°♓45'53	0°43'36
	-221 Mar 23 j 05:12	0°♈	
asc. node	-221 Mar 25 j 21:48	5°♈44'36	
evening rise	-221 Mar 28 j 21:58	12°♈06'35	
	-221 Apr 07 j 03:54	0°♉	
evening max el	-221 Apr 19 j 01:35	16°♉07'49	22°11'17
retrograde	-221 May 01 j 21:03	22°♉24'56	
evening set	-221 May 04 j 17:09	22°♉07'10	
desc. node	-221 May 04 j 16:55	22°♉07'17	
min. Earth dist.	-221 May 13 j 08:10	18°♉25'04	0.55165 AU
inferior conj	-221 May 14 j 01:55	18°♉00'04	-2°-34'-39
minimum elong	-221 May 13 j 19:21	18°♉09'20	2°32'37
morning rise	-221 May 22 j 23:16	14°♉05'37	
direct	-221 May 25 j 20:49	13°♉46'41	
morning max el	-221 Jun 06 j 14:49	19°♉16'42	21°20'49
	-221 Jun 15 j 06:07	0°♊	
asc. node	-221 Jun 21 j 21:01	11°♊29'57	
morning set	-221 Jun 26 j 16:15	21°♊05'42	
	-221 Jun 30 j 22:29	0°♋	
superior conj	-221 Jul 04 j 02:42	6°♋38'07	1°38'47
minimum elong	-221 Jul 04 j 00:44	6°♋27'57	1°38'39
max. Earth dist.	-221 Jul 08 j 03:02	14°♋49'36	1.35234 AU
evening rise	-221 Jul 12 j 12:56	23°♋26'22	
	-221 Jul 16 j 01:44	0°♌	
desc. node	-221 Jul 31 j 16:14	25°♌27'20	
	-221 Aug 03 j 21:16	0°♍	
evening max el	-221 Aug 16 j 21:04	15°♍29'05	26°40'49
retrograde	-221 Aug 29 j 20:21	22°♍43'51	
evening set	-221 Sep 05 j 11:06	20°♍01'26	
min. Earth dist.	-221 Sep 09 j 12:11	15°♍51'56	0.65905 AU
inferior conj	-221 Sep 11 j 05:10	13°♍49'43	-2°-11'-9
minimum elong	-221 Sep 11 j 08:28	13°♍39'53	2°09'56
morning rise	-221 Sep 17 j 07:02	8°♍03'56	
asc. node	-221 Sep 17 j 20:14	7°♍47'57	
direct	-221 Sep 20 j 04:07	7°♍17'30	
morning max el	-221 Sep 26 j 19:48	10°♍57'19	18°30'24

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-221 Oct 10 j 06:55	0°♎	
morning set	-221 Oct 16 j 17:50	10°♎22'51	
desc. node	-221 Oct 27 j 15:31	27°♎47'15	
	-221 Oct 29 j 01:07	0°♏	
superior conj	-221 Nov 01 j 09:02	5°♏14'51	0°-30'-39
minimum elong	-221 Nov 01 j 05:00	4°♏58'59	0°30'08
max. Earth dist.	-221 Nov 02 j 09:04	6°♏49'24	1.45032 AU
	-221 Nov 17 j 02:32	0°♐	
evening rise	-221 Nov 17 j 14:01	0°♐45'23	
greatest brilliancy	-221 Nov 28 j 22:38	18°♐37'51	-0.7m
	-221 Dec 06 j 19:31	0°♑	
evening max el	-221 Dec 10 j 02:57	3°♑52'23	19°08'24
asc. node	-221 Dec 14 j 19:33	7°♑22'46	
retrograde	-221 Dec 17 j 02:24	7°♑51'33	
evening set	-221 Dec 20 j 08:27	6°♑50'06	
inferior conj	-221 Dec 26 j 00:53	0°♑58'50	3°11'50
minimum elong	-221 Dec 25 j 22:10	1°♑07'28	3°11'13
	-221 Dec 26 j 19:25	30°℞♐	
min. Earth dist.	-221 Dec 27 j 11:28	29°♐09'26	0.65841 AU
morning rise	-221 Dec 31 j 11:01	24°♐47'04	
direct	-220 Jan 06 j 20:58	21°♐59'15	
morning max el	-220 Jan 19 j 15:38	29°♐30'24	26°25'17
	-220 Jan 20 j 03:18	0°♑	
desc. node	-220 Jan 23 j 14:45	3°♑48'17	
	-220 Feb 11 j 08:25	0°♒	
morning set	-220 Feb 24 j 17:04	23°♒12'40	
	-220 Feb 28 j 06:01	0°♓	
max. Earth dist.	-220 Feb 28 j 21:00	1°♓13'29	1.34980 AU
superior conj	-220 Mar 04 j 13:15	10°♓38'26	-1°-9'-59
minimum elong	-220 Mar 04 j 16:29	10°♓55'01	1°09'27
asc. node	-220 Mar 11 j 18:52	25°♓39'49	
evening rise	-220 Mar 12 j 06:26	26°♓39'29	
	-220 Mar 13 j 21:39	0°♈	
evening max el	-220 Mar 31 j 03:18	27°♈08'25	20°45'35
	-220 Apr 03 j 15:20	0°♉	
retrograde	-220 Apr 11 j 09:59	2°♉34'57	
evening set	-220 Apr 13 j 15:03	2°♉23'15	
	-220 Apr 20 j 00:23	30°℞♈	
desc. node	-220 Apr 20 j 13:58	29°♈41'52	
inferior conj	-220 Apr 22 j 20:14	28°♈25'46	0°-38'-52
minimum elong	-220 Apr 22 j 18:23	28°♈28'24	0°38'14
min. Earth dist.	-220 Apr 23 j 21:17	27°♈49'57	0.55079 AU
morning rise	-220 May 01 j 20:33	24°♈16'52	
direct	-220 May 05 j 07:41	23°♈50'59	
	-220 May 18 j 06:18	0°♉	
morning max el	-220 May 18 j 11:39	0°♉12'27	22°57'09
	-220 Jun 07 j 04:53	0°♊	
asc. node	-220 Jun 07 j 18:05	1°♊06'32	
morning set	-220 Jun 10 j 03:13	6°♊00'54	
superior conj	-220 Jun 17 j 07:25	21°♊18'48	1°25'46
minimum elong	-220 Jun 17 j 04:57	21°♊05'40	1°25'27
max. Earth dist.	-220 Jun 19 j 23:56	26°♊59'38	1.33942 AU
	-220 Jun 21 j 10:39	0°♋	
evening rise	-220 Jun 25 j 01:28	7°♋18'27	
	-220 Jul 07 j 15:03	0°♌	
desc. node	-220 Jul 17 j 13:17	14°♌56'03	
evening max el	-220 Jul 29 j 08:52	28°♌52'19	27°16'51
	-220 Jul 30 j 14:02	0°♍	
retrograde	-220 Aug 11 j 19:17	6°♍11'28	
evening set	-220 Aug 18 j 20:17	3°♍27'11	
min. Earth dist.	-220 Aug 22 j 14:38	29°♌54'41	0.64623 AU
	-220 Aug 22 j 12:38	30°℞♌	
inferior conj	-220 Aug 24 j 20:41	27°♌27'20	-3°-4'-24
minimum elong	-220 Aug 25 j 01:04	27°♌15'21	3°03'01
morning rise	-220 Aug 31 j 07:33	21°♌56'51	
direct	-220 Sep 02 j 22:35	21°♌20'51	
asc. node	-220 Sep 03 j 17:17	21°♌24'02	
morning max el	-220 Sep 09 j 10:44	24°♌49'07	18°02'59
	-220 Sep 13 j 16:56	0°♍	
morning set	-220 Sep 27 j 02:26	21°♍36'51	
	-220 Oct 02 j 02:39	0°♎	
superior conj	-220 Oct 10 j 17:59	14°♎06'54	0°18'15
minimum elong	-220 Oct 10 j 20:08	14°♎15'32	0°17'57
desc. node	-220 Oct 13 j 12:35	18°♎33'14	
max. Earth dist.	-220 Oct 15 j 03:57	21°♎09'29	1.44630 AU
	-220 Oct 20 j 18:56	0°♏	
evening rise	-220 Oct 27 j 05:28	9°♏59'41	
	-220 Nov 09 j 08:34	0°♐	
greatest brilliancy	-220 Nov 15 j 07:39	8°♐37'18	-0.6m
evening max el	-220 Nov 22 j 08:18	17°♐20'31	20°01'40
retrograde	-220 Nov 29 j 23:53	21°♐49'24	
asc. node	-220 Nov 30 j 16:34	21°♐46'39	
evening set	-220 Dec 03 j 14:00	20°♐34'15	
inferior conj	-220 Dec 09 j 02:23	14°♐29'21	2°36'04
minimum elong	-220 Dec 08 j 23:37	14°♐38'35	2°35'13
min. Earth dist.	-220 Dec 09 j 23:26	13°♐19'05	0.66800 AU
morning rise	-220 Dec 14 j 08:41	8°♐14'35	
direct	-220 Dec 20 j 04:45	5°♐40'28	
morning max el	-219 Jan 01 j 00:29	12°♐42'22	25°09'36
desc. node	-219 Jan 09 j 11:49	22°♐33'53	
	-219 Jan 14 j 23:59	0°♑	
	-219 Feb 03 j 02:28	0°♒	
morning set	-219 Feb 06 j 04:57	5°♒28'29	
max. Earth dist.	-219 Feb 09 j 22:38	12°♒18'30	1.36714 AU
superior conj	-219 Feb 16 j 02:45	24°♒09'51	-1°-33'-19
minimum elong	-219 Feb 16 j 06:34	24°♒28'44	1°32'52
	-219 Feb 19 j 01:01	0°♓	
evening rise	-219 Feb 24 j 10:08	10°♓52'16	
asc. node	-219 Feb 26 j 15:56	15°♓20'27	
	-219 Mar 06 j 19:12	0°♈	
evening max el	-219 Mar 13 j 16:08	8°♈45'41	19°36'27
retrograde	-219 Mar 23 j 05:51	13°♈21'19	
evening set	-219 Mar 25 j 09:11	13°♈08'34	
inferior conj	-219 Apr 02 j 23:19	9°♈04'13	1°14'55
minimum elong	-219 Apr 03 j 02:20	8°♈59'24	1°13'55
min. Earth dist.	-219 Apr 05 j 11:38	7°♈28'44	0.55930 AU
desc. node	-219 Apr 07 j 10:59	6°♈18'50	
morning rise	-219 Apr 11 j 16:00	4°♈25'10	
direct	-219 Apr 16 j 02:11	3°♈41'16	
morning max el	-219 Apr 30 j 02:58	10°♈44'47	24°37'56
	-219 May 14 j 15:11	0°♉	
morning set	-219 May 25 j 15:13	20°♉59'50	
asc. node	-219 May 25 j 15:11	20°♉59'37	
	-219 May 29 j 19:57	0°♊	
superior conj	-219 Jun 01 j 16:23	6°♊12'02	1°08'18
minimum elong	-219 Jun 01 j 13:59	5°♊58'56	1°07'54
max. Earth dist.	-219 Jun 03 j 05:13	9°♊31'18	1.33034 AU
evening rise	-219 Jun 08 j 23:45	21°♊39'39	
	-219 Jun 13 j 05:02	0°♋	
	-219 Jul 01 j 13:50	0°♌	
desc. node	-219 Jul 04 j 10:17	3°♌42'19	
evening max el	-219 Jul 11 j 18:30	11°♌50'27	27°24'21
retrograde	-219 Jul 25 j 12:12	19°♌09'36	
evening set	-219 Aug 01 j 17:09	16°♌35'26	
min. Earth dist.	-219 Aug 05 j 07:13	13°♌34'37	0.62980 AU
inferior conj	-219 Aug 08 j 02:22	10°♌50'27	-3°-51'-47
minimum elong	-219 Aug 08 j 07:04	10°♌38'54	3°50'40
morning rise	-219 Aug 14 j 23:22	5°♌38'40	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-219 Aug 17 j 10:48	5°♌10'02	
asc. node	-219 Aug 21 j 14:21	6°♌31'45	
morning max el	-219 Aug 24 j 02:23	8°♌35'13	17°53'16
	-219 Sep 07 j 04:43	0°♍	
morning set	-219 Sep 09 j 10:38	3°♍58'06	
superior conj	-219 Sep 21 j 03:14	24°♍11'55	0°59'03
minimum elong	-219 Sep 21 j 08:11	24°♍32'42	0°58'25
	-219 Sep 24 j 15:07	0°♎	
max. Earth dist.	-219 Sep 27 j 19:28	5°♎10'48	1.43544 AU
desc. node	-219 Sep 30 j 09:36	9°♎19'50	
evening rise	-219 Oct 06 j 12:08	18°♎55'10	
	-219 Oct 13 j 18:13	0°♏	
greatest brilliancy	-219 Oct 31 j 00:19	24°♏36'04	-0.5m
	-219 Nov 04 j 13:29	0°♐	
evening max el	-219 Nov 05 j 07:57	0°♐48'28	21°08'14
retrograde	-219 Nov 13 j 21:20	5°♐53'24	
evening set	-219 Nov 17 j 21:31	4°♐22'38	
asc. node	-219 Nov 17 j 13:36	4°♐37'07	
	-219 Nov 21 j 22:29	30°℞♏	
inferior conj	-219 Nov 23 j 07:36	28°♏07'37	1°52'59
minimum elong	-219 Nov 23 j 05:17	28°♏15'32	1°52'08
min. Earth dist.	-219 Nov 23 j 16:44	27°♏36'11	0.67391 AU
morning rise	-219 Nov 28 j 12:43	21°♏51'57	
direct	-219 Dec 03 j 17:30	19°♏37'44	
morning max el	-219 Dec 14 j 09:11	25°♏58'47	23°43'18
	-219 Dec 18 j 01:35	0°♐	
desc. node	-219 Dec 27 j 08:51	11°♐59'00	
	-218 Jan 08 j 13:50	0°♑	
morning set	-218 Jan 18 j 17:33	16°♑32'14	
max. Earth dist.	-218 Jan 22 j 17:54	23°♑29'46	1.38758 AU
	-218 Jan 26 j 08:54	0°♒	
superior conj	-218 Jan 30 j 03:09	6°♒58'21	-1°-51'-31
minimum elong	-218 Jan 30 j 06:28	7°♒13'56	1°51'18
evening rise	-218 Feb 08 j 06:27	24°♒37'09	
	-218 Feb 11 j 01:15	0°♓	
asc. node	-218 Feb 13 j 12:57	4°♓40'16	
evening max el	-218 Feb 24 j 15:10	20°♓59'23	18°46'52
retrograde	-218 Mar 04 j 18:02	24°♓55'35	
evening set	-218 Mar 07 j 01:24	24°♓37'44	
inferior conj	-218 Mar 14 j 21:04	20°♓16'35	2°40'14
minimum elong	-218 Mar 15 j 01:26	20°♓08'30	2°39'10
min. Earth dist.	-218 Mar 18 j 04:26	17°♓51'10	0.57530 AU
morning rise	-218 Mar 22 j 21:16	15°♓04'59	
desc. node	-218 Mar 25 j 08:02	14°♓13'22	
direct	-218 Mar 28 j 10:32	13°♓49'32	
morning max el	-218 Apr 11 j 18:39	21°♓20'03	26°08'27
	-218 Apr 19 j 07:39	0°♈	
	-218 May 07 j 05:22	0°♉	
morning set	-218 May 10 j 02:37	5°♉56'25	
asc. node	-218 May 12 j 12:15	11°♉03'19	
superior conj	-218 May 17 j 03:37	21°♉10'46	0°47'20
minimum elong	-218 May 17 j 01:42	21°♉00'18	0°46'58
max. Earth dist.	-218 May 17 j 15:58	22°♉18'28	1.32499 AU
	-218 May 21 j 04:53	0°♊	
evening rise	-218 May 24 j 04:44	6°♊20'07	
	-218 Jun 05 j 18:53	0°♋	
desc. node	-218 Jun 21 j 07:17	21°♋28'36	
evening max el	-218 Jun 23 j 23:40	24°♋12'02	26°59'28
	-218 Jul 01 j 22:37	0°♌	
retrograde	-218 Jul 07 j 22:20	1°♌29'08	
	-218 Jul 13 j 16:31	30°℞♋	
evening set	-218 Jul 14 j 21:29	29°♋19'19	
min. Earth dist.	-218 Jul 18 j 13:40	26°♋38'17	0.61042 AU
inferior conj	-218 Jul 21 j 19:01	23°♋51'43	-4°-27'-48
minimum elong	-218 Jul 21 j 22:36	23°♋43'56	4°27'20
morning rise	-218 Jul 29 j 02:45	19°♋01'17	
direct	-218 Jul 31 j 13:01	18°♋37'35	
morning max el	-218 Aug 07 j 15:50	22°♋08'45	18°02'18
asc. node	-218 Aug 08 j 11:25	22°♋58'35	
	-218 Aug 13 j 18:00	0°♌	
morning set	-218 Aug 23 j 12:33	17°♌10'42	
	-218 Aug 30 j 12:07	0°♍	
superior conj	-218 Sep 02 j 15:43	5°♍37'45	1°26'59
minimum elong	-218 Sep 02 j 20:01	5°♍56'43	1°26'35
max. Earth dist.	-218 Sep 10 j 05:39	18°♍38'09	1.41927 AU
evening rise	-218 Sep 16 j 04:21	28°♍19'48	
desc. node	-218 Sep 17 j 06:37	0°♎04'13	
	-218 Sep 17 j 05:33	0°♎	
	-218 Oct 07 j 10:51	0°♏	
greatest brilliancy	-218 Oct 14 j 08:02	8°♏57'32	-0.3m
evening max el	-218 Oct 19 j 01:59	14°♏17'39	22°24'14
retrograde	-218 Oct 28 j 16:59	20°♏01'04	
evening set	-218 Nov 02 j 05:15	18°♏13'02	
asc. node	-218 Nov 04 j 10:38	16°♏00'09	
inferior conj	-218 Nov 07 j 14:32	11°♏51'41	1°04'25
minimum elong	-218 Nov 07 j 13:06	11°♏56'40	1°03'49
min. Earth dist.	-218 Nov 07 j 12:54	11°♏57'20	0.67647 AU
morning rise	-218 Nov 12 j 20:48	5°♏37'33	
direct	-218 Nov 17 j 10:31	3°♏45'42	
morning max el	-218 Nov 26 j 20:37	9°♏20'09	22°16'06
greatest brilliancy	-218 Dec 01 j 12:20	14°♏34'06	-0.3m
	-218 Dec 12 j 22:48	0°♐	
desc. node	-218 Dec 14 j 05:52	1°♐52'35	
morning set	-218 Dec 30 j 01:30	26°♐11'54	
	-217 Jan 01 j 09:25	0°♑	
max. Earth dist.	-217 Jan 04 j 14:41	5°♑21'31	1.40875 AU
superior conj	-217 Jan 12 j 09:43	18°♑52'34	-2°-1'-4
minimum elong	-217 Jan 12 j 10:41	18°♑56'54	2°01'04
	-217 Jan 18 j 12:11	0°♒	
evening rise	-217 Jan 22 j 16:14	7°♒46'59	
asc. node	-217 Jan 31 j 09:58	23°♒32'43	
	-217 Feb 04 j 16:50	0°♓	
evening max el	-217 Feb 07 j 21:48	3°♓42'58	18°17'22
retrograde	-217 Feb 15 j 00:49	7°♓15'44	
evening set	-217 Feb 17 j 12:58	6°♓50'25	
inferior conj	-217 Feb 24 j 15:49	2°♓08'10	3°30'09
minimum elong	-217 Feb 24 j 18:42	2°♓01'58	3°29'44
	-217 Feb 27 j 03:16	30°℞♒	
min. Earth dist.	-217 Feb 28 j 01:34	29°♒13'40	0.59554 AU
morning rise	-217 Mar 03 j 20:54	26°♒32'04	
direct	-217 Mar 10 j 07:58	24°♒38'37	
desc. node	-217 Mar 12 j 05:04	24°♒47'57	
	-217 Mar 22 j 00:34	0°♓	
morning max el	-217 Mar 24 j 15:07	2°♓22'54	27°13'59
	-217 Apr 13 j 15:24	0°♈	
morning set	-217 Apr 24 j 11:40	20°♈44'31	
	-217 Apr 28 j 19:54	0°♉	
asc. node	-217 Apr 29 j 09:17	1°♉12'46	
max. Earth dist.	-217 May 01 j 04:41	5°♉10'09	1.32337 AU
superior conj	-217 May 01 j 15:20	6°♉08'39	0°23'39
minimum elong	-217 May 01 j 14:18	6°♉02'56	0°23'26
evening rise	-217 May 08 j 13:56	21°♉11'26	
	-217 May 12 j 21:30	0°♊	
	-217 May 31 j 14:08	0°♋	
evening max el	-217 Jun 05 j 22:26	5°♋49'02	26°02'23
desc. node	-217 Jun 08 j 04:19	7°♋49'23	
retrograde	-217 Jun 19 j 23:39	13°♋02'01	
evening set	-217 Jun 26 j 04:37	11°♋28'21	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	-217 Jun 30 j 11:12	8°♋49'58	0.58981 AU	
inferior conj	-217 Jul 03 j 18:55	6°♋20'51	-4°-43'-53	
minimum elong	-217 Jul 03 j 19:20	6°♋20'03	4°43'53	
morning rise	-217 Jul 11 j 13:39	1°♋53'03		
direct	-217 Jul 14 j 01:01	1°♋32'26		
morning max el	-217 Jul 21 j 23:54	5°♋20'06	18°31'17	
asc. node	-217 Jul 26 j 08:29	10°♋28'20		
	-217 Aug 06 j 14:34	0°♌		
morning set	-217 Aug 07 j 03:10	1°♌00'39		
superior conj	-217 Aug 16 j 03:01	18°♌11'13	1°42'23	
minimum elong	-217 Aug 16 j 05:14	18°♌21'33	1°42'16	
	-217 Aug 22 j 15:44	0°♍		
max. Earth dist.	-217 Aug 23 j 10:44	1°♍23'03	1.39991 AU	
evening rise	-217 Aug 27 j 18:49	8°♍47'07		
desc. node	-217 Sep 04 j 03:38	20°♍42'17		
	-217 Sep 10 j 05:52	0°♎		
evening max el	-217 Oct 01 j 15:48	27°♎49'27	23°44'25	
	-217 Oct 03 j 23:41	0°♏		
retrograde	-217 Oct 12 j 09:22	4°♏08'57		
evening set	-217 Oct 17 j 11:30	2°♏02'43		
	-217 Oct 19 j 12:34	30°℞♎		
asc. node	-217 Oct 22 j 07:40	26°♎25'48		
inferior conj	-217 Oct 22 j 21:25	25°♎38'59	0°11'52	
minimum elong	-217 Oct 22 j 21:08	25°♎39'58	0°11'44	
transit middle	-217 Oct 22 j 21:08	25°♎39'58	0°11'44	
transit begin	-217 Oct 22 j 19:14	25°♎46'24		
transit end	-217 Oct 22 j 23:01	25°♎33'32		
min. Earth dist.	-217 Oct 22 j 09:26	26°♎19'49	0.67585 AU	
morning rise	-217 Oct 28 j 06:53	19°♎29'06		
direct	-217 Nov 01 j 06:41	17°♎59'15		
morning max el	-217 Nov 09 j 14:08	22°♎49'49	20°55'48	
greatest brilliancy	-217 Nov 15 j 06:20	29°♎27'17	-0.5m	
	-217 Nov 15 j 16:27	0°♏		
desc. node	-217 Dec 01 j 02:54	22°♏06'12		
	-217 Dec 06 j 07:09	0°♐		
morning set	-217 Dec 09 j 07:01	4°♐38'48		
max. Earth dist.	-217 Dec 17 j 18:44	18°♐10'00	1.42765 AU	
superior conj	-217 Dec 24 j 16:58	29°♐39'21	-1°-57'-34	
minimum elong	-217 Dec 24 j 13:35	29°♐25'01	1°57'27	
	-217 Dec 24 j 21:51	0°♑		
evening rise	-216 Jan 05 j 11:37	20°♑13'30		
	-216 Jan 10 j 23:41	0°♒		
asc. node	-216 Jan 18 j 06:59	11°♒49'13		
evening max el	-216 Jan 22 j 08:53	16°♒47'25	18°07'40	
retrograde	-216 Jan 28 j 23:25	20°♒12'23		
evening set	-216 Jan 31 j 15:51	19°♒38'20		
inferior conj	-216 Feb 07 j 05:10	14°♒34'19	3°49'52	
minimum elong	-216 Feb 07 j 05:45	14°♒32'52	3°49'50	
min. Earth dist.	-216 Feb 10 j 05:48	11°♒35'50	0.61643 AU	
morning rise	-216 Feb 13 j 17:11	8°♒42'10		
direct	-216 Feb 20 j 15:27	6°♒16'07		
desc. node	-216 Feb 27 j 02:06	8°♒07'04		
morning max el	-216 Mar 05 j 17:50	14°♒06'26	27°45'08	
	-216 Mar 18 j 13:26	0°♓		
	-216 Apr 05 j 01:12	0°♈		
morning set	-216 Apr 07 j 16:30	5°♈17'53		
max. Earth dist.	-216 Apr 13 j 15:40	17°♈54'02	1.32546 AU	
superior conj	-216 Apr 15 j 01:55	21°♈00'07	0°-1'-56	
minimum elong	-216 Apr 15 j 02:00	21°♈00'35	0°01'55	
behind sun begin	-216 Apr 14 j 20:56	20°♈32'57		
behind sun end	-216 Apr 15 j 07:05	21°♈28'14		
asc. node	-216 Apr 15 j 06:19	21°♈24'07		
	-216 Apr 19 j 04:58	0°♉		
evening rise	-216 Apr 22 j 01:22	6°♉06'43		
	-216 May 04 j 17:19	0°♊		
evening max el	-216 May 17 j 15:02	16°♊45'13	24°39'54	
desc. node	-216 May 25 j 01:20	22°♊11'41		
retrograde	-216 May 31 j 13:50	23°♊48'42		
evening set	-216 Jun 05 j 12:42	22°♊53'19		
min. Earth dist.	-216 Jun 11 j 02:30	20°♊00'37	0.57072 AU	
inferior conj	-216 Jun 13 j 23:10	18°♊09'11	-4°-28'00	
minimum elong	-216 Jun 13 j 18:57	18°♊16'04	4°27'30	
morning rise	-216 Jun 22 j 05:01	14°♊02'17		
direct	-216 Jun 24 j 19:00	13°♊43'36		
morning max el	-216 Jul 03 j 23:42	18°♊00'22	19°21'09	
asc. node	-216 Jul 12 j 05:32	28°♊47'15		
	-216 Jul 12 j 23:01	0°♋		
morning set	-216 Jul 21 j 02:45	15°♋18'09		
	-216 Jul 28 j 11:40	0°♌		
superior conj	-216 Jul 29 j 07:27	1°♌36'52	1°47'15	
minimum elong	-216 Jul 29 j 07:36	1°♌37'33	1°47'16	
max. Earth dist.	-216 Aug 04 j 14:00	13°♌30'44	1.37986 AU	
evening rise	-216 Aug 08 j 10:06	20°♌25'04		
	-216 Aug 14 j 00:42	0°♍		
desc. node	-216 Aug 21 j 00:39	11°♍09'42		
	-216 Sep 03 j 07:01	0°♎		
evening max el	-216 Sep 13 j 03:35	11°♎24'48	25°02'02	
retrograde	-216 Sep 24 j 21:39	18°♎13'37		
evening set	-216 Sep 30 j 14:37	15°♎49'58		
min. Earth dist.	-216 Oct 05 j 03:53	10°♎42'06	0.67200 AU	
inferior conj	-216 Oct 06 j 02:31	9°♎27'46	0°-43'-13	
minimum elong	-216 Oct 06 j 03:35	9°♎24'14	0°42'47	
asc. node	-216 Oct 08 j 04:44	6°♎48'00		
morning rise	-216 Oct 11 j 17:04	3°♎25'02		
direct	-216 Oct 15 j 04:44	2°♎14'53		
morning max el	-216 Oct 22 j 15:25	6°♎30'10	19°47'30	
greatest brilliancy	-216 Oct 30 j 11:37	16°♎15'56	-0.6m	
	-216 Nov 08 j 19:13	0°♏		
desc. node	-216 Nov 16 j 23:55	12°♏34'09		
morning set	-216 Nov 17 j 03:51	12°♏49'21		
	-216 Nov 28 j 03:26	0°♐		
max. Earth dist.	-216 Nov 29 j 06:42	1°♐48'15	1.44172 AU	
superior conj	-216 Dec 03 j 21:18	9°♐11'32	-1°-36'-47	
minimum elong	-216 Dec 03 j 13:38	8°♐40'33	1°36'08	
	-216 Dec 16 j 10:42	0°♑		
evening rise	-216 Dec 17 j 12:18	1°♑48'32		
asc. node	-215 Jan 04 j 04:01	29°♑18'28		
	-215 Jan 04 j 19:43	0°♒		
evening max el	-215 Jan 04 j 21:25	0°♒04'18	18°17'04	
retrograde	-215 Jan 11 j 09:14	3°♒34'31		
evening set	-215 Jan 14 j 06:03	2°♒50'53		
	-215 Jan 17 j 23:20	30°℞♑		
inferior conj	-215 Jan 20 j 09:07	27°♑26'33	3°47'06	
minimum elong	-215 Jan 20 j 07:50	27°♑30'09	3°46'59	
min. Earth dist.	-215 Jan 22 j 19:26	24°♑45'08	0.63541 AU	
morning rise	-215 Jan 26 j 07:58	21°♑23'54		
direct	-215 Feb 02 j 07:06	18°♑38'05		
desc. node	-215 Feb 12 j 23:08	23°♑37'46		
morning max el	-215 Feb 16 j 01:29	26°♑28'54	27°39'21	
	-215 Feb 19 j 08:44	0°♒		
	-215 Mar 12 j 03:03	0°♓		
morning set	-215 Mar 22 j 14:39	19°♓27'25		
	-215 Mar 27 j 17:57	0°♈		
max. Earth dist.	-215 Mar 27 j 20:52	0°♈15'19	1.33148 AU	
superior conj	-215 Mar 30 j 09:31	5°♈38'00	0°-28'-35	
minimum elong	-215 Mar 30 j 10:54	5°♈45'21	0°28'19	
asc. node	-215 Apr 02 j 03:21	11°♈32'20		
evening rise	-215 Apr 06 j 13:05	20°♈58'07		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-215 Apr 10 j 23:10	0°♉	
evening max el	-215 Apr 29 j 05:42	27°♉19'36	23°05'13
	-215 May 02 j 07:59	0°♊	
desc. node	-215 May 11 j 22:23	3°♊58'44	
retrograde	-215 May 12 j 15:35	3°♊59'54	
evening set	-215 May 16 j 04:04	3°♊32'44	
min. Earth dist.	-215 May 23 j 15:11	0°♊12'16	0.55642 AU
	-215 May 23 j 23:40	30°℞♉	
inferior conj	-215 May 25 j 07:49	29°♉13'08	-3°-28'-47
minimum elong	-215 May 25 j 00:39	29°♉23'37	3°26'59
morning rise	-215 Jun 03 j 00:21	25°♉19'01	
direct	-215 Jun 05 j 18:02	25°♉01'08	
morning max el	-215 Jun 16 j 13:00	0°♊00'56	20°31'51
	-215 Jun 16 j 12:36	0°♊	
asc. node	-215 Jun 29 j 02:36	17°♊43'12	
morning set	-215 Jul 05 j 08:25	29°♊55'00	
	-215 Jul 05 j 09:24	0°♋	
superior conj	-215 Jul 13 j 00:09	15°♋40'13	1°43'49
minimum elong	-215 Jul 12 j 22:46	15°♋33'11	1°43'46
max. Earth dist.	-215 Jul 17 j 20:40	25°♋19'59	1.36142 AU
	-215 Jul 20 j 07:07	0°♌	
evening rise	-215 Jul 21 j 22:45	3°♌05'16	
	-215 Aug 07 j 00:08	0°♍	
desc. node	-215 Aug 07 j 21:42	1°♍20'48	
evening max el	-215 Aug 26 j 15:04	25°♍01'08	26°09'36
	-215 Sep 01 j 18:34	0°♎	
retrograde	-215 Sep 08 j 05:17	2°♎09'56	
	-215 Sep 13 j 22:58	30°℞♍	
evening set	-215 Sep 14 j 12:42	29°♍32'16	
min. Earth dist.	-215 Sep 18 j 17:57	25°♍01'24	0.66474 AU
inferior conj	-215 Sep 20 j 04:02	23°♍15'34	-1°-39'-15
minimum elong	-215 Sep 20 j 06:33	23°♍07'45	1°38'15
asc. node	-215 Sep 25 j 01:47	18°♍02'24	
morning rise	-215 Sep 26 j 01:20	17°♍22'55	
direct	-215 Sep 29 j 03:00	16°♍29'02	
morning max el	-215 Oct 05 j 23:47	20°♍19'13	18°54'00
	-215 Oct 13 j 13:24	0°♎	
morning set	-215 Oct 27 j 16:25	21°♎53'02	
	-215 Nov 01 j 20:04	0°♏	
desc. node	-215 Nov 03 j 20:58	3°♏12'14	
max. Earth dist.	-215 Nov 11 j 23:37	15°♏56'57	1.44922 AU
superior conj	-215 Nov 13 j 03:26	17°♏46'25	0°-58'-16
minimum elong	-215 Nov 12 j 20:19	17°♏18'25	0°57'26
	-215 Nov 20 j 20:41	0°♐	
evening rise	-215 Nov 28 j 14:27	12°♐26'15	
	-215 Dec 09 j 12:22	0°♑	
evening max el	-215 Dec 19 j 08:50	13°♑28'27	18°44'41
asc. node	-215 Dec 22 j 01:04	15°♑47'32	
retrograde	-215 Dec 26 j 02:07	17°♑14'43	
evening set	-215 Dec 29 j 04:16	16°♑20'21	
inferior conj	-214 Jan 03 j 23:55	10°♑38'05	3°28'12
minimum elong	-214 Jan 03 j 21:30	10°♑45'25	3°27'47
min. Earth dist.	-214 Jan 05 j 18:56	8°♑27'24	0.65110 AU
morning rise	-214 Jan 09 j 13:37	4°♑28'39	
direct	-214 Jan 16 j 05:52	1°♑37'39	
morning max el	-214 Jan 29 j 11:15	9°♑20'14	27°00'05
desc. node	-214 Jan 30 j 20:10	10°♑45'05	
	-214 Feb 14 j 17:08	0°♒	
	-214 Mar 04 j 12:32	0°♓	
morning set	-214 Mar 06 j 03:03	3°♓03'30	
max. Earth dist.	-214 Mar 10 j 16:18	12°♓03'03	1.34181 AU
superior conj	-214 Mar 14 j 12:11	19°♓56'16	0°-55'-13
minimum elong	-214 Mar 14 j 14:48	20°♓09'59	0°54'45
	-214 Mar 19 j 06:40	0°♈	

asc. node	-214 Mar 20 j 00:24	1°♈33'35	
evening rise	-214 Mar 21 j 23:18	5°♈39'32	
	-214 Apr 04 j 09:15	0°♉	
evening max el	-214 Apr 11 j 01:43	8°♉03'26	21°33'02
retrograde	-214 Apr 23 j 07:14	14°♉00'47	
evening set	-214 Apr 25 j 18:39	13°♉46'52	
desc. node	-214 Apr 28 j 19:25	12°♉55'10	
inferior conj	-214 May 05 j 03:41	9°♉45'33	-1°-47'-29
minimum elong	-214 May 04 j 22:44	9°♉52'30	1°45'49
min. Earth dist.	-214 May 05 j 04:08	9°♉44'56	0.55008 AU
morning rise	-214 May 14 j 03:25	5°♉47'16	
direct	-214 May 17 j 05:12	5°♉26'34	
morning max el	-214 May 29 j 15:23	11°♉19'08	22°00'35
	-214 Jun 12 j 04:50	0°♊	
asc. node	-214 Jun 15 j 23:39	7°♊07'03	
morning set	-214 Jun 19 j 17:57	14°♊44'55	
	-214 Jun 26 j 23:25	0°♋	
superior conj	-214 Jun 27 j 01:19	0°♋09'58	1°33'53
minimum elong	-214 Jun 26 j 23:04	29°♊58'09	1°33'39
max. Earth dist.	-214 Jun 30 j 11:31	7°♋16'08	1.34629 AU
evening rise	-214 Jul 05 j 03:51	16°♋34'51	
	-214 Jul 12 j 10:48	0°♌	
desc. node	-214 Jul 25 j 18:45	21°♌07'47	
	-214 Aug 01 j 10:25	0°♍	
evening max el	-214 Aug 09 j 02:52	8°♍31'41	26°59'20
retrograde	-214 Aug 22 j 07:46	15°♍50'10	
evening set	-214 Aug 29 j 03:24	13°♍05'27	
min. Earth dist.	-214 Sep 02 j 01:18	9°♍12'07	0.65395 AU
inferior conj	-214 Sep 03 j 23:51	6°♍58'08	-2°-34'-17
minimum elong	-214 Sep 04 j 03:41	6°♍47'07	2°32'56
morning rise	-214 Sep 10 j 05:25	1°♍18'38	
asc. node	-214 Sep 11 j 22:51	0°♍43'01	
direct	-214 Sep 12 j 23:30	0°♍37'14	
morning max el	-214 Sep 19 j 13:02	4°♍11'24	18°16'41
	-214 Oct 06 j 22:49	0°♎	
morning set	-214 Oct 08 j 08:53	2°♎19'47	
desc. node	-214 Oct 21 j 18:01	23°♎56'11	
superior conj	-214 Oct 23 j 04:54	26°♎14'23	0°-9'-32
minimum elong	-214 Oct 23 j 03:39	26°♎09'29	0°09'22
behind sun begin	-214 Oct 22 j 18:30	25°♎33'15	
behind sun end	-214 Oct 23 j 12:48	26°♎45'40	
	-214 Oct 25 j 14:04	0°♏	
max. Earth dist.	-214 Oct 25 j 18:06	0°♏15'52	1.44941 AU
evening rise	-214 Nov 08 j 16:57	22°♏05'57	
	-214 Nov 13 j 18:33	0°♐	
greatest brilliancy	-214 Nov 24 j 01:27	15°♐42'39	-0.7m
evening max el	-214 Dec 02 j 16:54	26°♐55'42	19°29'13
	-214 Dec 06 j 09:26	0°♑	
asc. node	-214 Dec 08 j 22:07	1°♑01'02	
retrograde	-214 Dec 09 j 22:37	1°♑06'53	
evening set	-214 Dec 13 j 07:45	0°♑00'02	
	-214 Dec 13 j 07:47	30°℞♐	
inferior conj	-214 Dec 18 j 22:16	24°♐02'42	2°57'41
minimum elong	-214 Dec 18 j 19:27	24°♐11'50	2°56'57
min. Earth dist.	-214 Dec 20 j 02:58	22°♐29'28	0.66296 AU
morning rise	-214 Dec 24 j 06:23	17°♐49'10	
direct	-214 Dec 30 j 10:44	15°♐05'51	
morning max el	-213 Jan 11 j 20:33	22°♐26'57	25°54'54
desc. node	-213 Jan 17 j 17:13	29°♐00'40	
	-213 Jan 18 j 12:31	0°♑	
	-213 Feb 07 j 23:51	0°♒	
morning set	-213 Feb 17 j 01:25	15°♒53'08	
max. Earth dist.	-213 Feb 20 j 23:40	23°♒17'03	1.35668 AU
	-213 Feb 24 j 10:01	0°♓	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-213 Feb 26 j 07:22	3°♓47'25	-1°-20'-20
minimum elong	-213 Feb 26 j 10:57	4°♓05'29	1°19'49
evening rise	-213 Mar 06 j 06:00	20°♓04'32	
asc. node	-213 Mar 06 j 21:27	21°♓23'12	
	-213 Mar 11 j 06:11	0°♈	
evening max el	-213 Mar 24 j 08:11	19°♈19'33	20°13'54
retrograde	-213 Apr 03 j 21:24	24°♈23'21	
evening set	-213 Apr 06 j 00:21	24°♈11'57	
inferior conj	-213 Apr 15 j 00:08	20°♈13'43	0°11'37
minimum elong	-213 Apr 15 j 00:39	20°♈12'56	0°11'26
transit middle	-213 Apr 15 j 00:39	20°♈12'56	0°11'26
transit begin	-213 Apr 14 j 21:52	20°♈17'04	
transit end	-213 Apr 15 j 03:27	20°♈08'47	
desc. node	-213 Apr 15 j 16:25	19°♈49'30	
min. Earth dist.	-213 Apr 16 j 18:03	19°♈11'38	0.55331 AU
morning rise	-213 Apr 23 j 22:29	15°♈52'47	
direct	-213 Apr 27 j 18:26	15°♈20'44	
morning max el	-213 May 11 j 09:14	22°♈02'41	23°40'16
	-213 May 18 j 07:50	0°♉	
asc. node	-213 Jun 02 j 20:43	26°♉51'37	
morning set	-213 Jun 04 j 05:33	29°♉42'34	
	-213 Jun 04 j 08:52	0°♊	
superior conj	-213 Jun 11 j 08:07	14°♊57'23	1°18'51
minimum elong	-213 Jun 11 j 05:37	14°♊43'55	1°18'29
max. Earth dist.	-213 Jun 13 j 12:07	19°♊35'20	1.33505 AU
evening rise	-213 Jun 18 j 21:00	0°♋41'20	
	-213 Jun 18 j 12:45	0°♋	
	-213 Jul 05 j 10:27	0°♌	
desc. node	-213 Jul 12 j 15:46	10°♌20'37	
evening max el	-213 Jul 22 j 14:07	21°♌46'35	27°23'59
retrograde	-213 Aug 05 j 04:24	29°♌06'28	
evening set	-213 Aug 12 j 07:49	26°♌25'04	
min. Earth dist.	-213 Aug 15 j 23:55	23°♌06'46	0.63958 AU
inferior conj	-213 Aug 18 j 11:34	20°♌30'57	-3°-25'-33
minimum elong	-213 Aug 18 j 16:13	20°♌18'46	3°24'13
morning rise	-213 Aug 25 j 02:37	15°♌07'48	
direct	-213 Aug 27 j 15:43	14°♌35'20	
asc. node	-213 Aug 29 j 19:54	14°♌59'17	
morning max el	-213 Sep 03 j 04:36	18°♌01'40	17°56'36
	-213 Sep 11 j 20:58	0°♍	
morning set	-213 Sep 20 j 04:17	14°♍04'44	
	-213 Sep 29 j 13:49	0°♎	
superior conj	-213 Oct 02 j 23:00	5°♎34'16	0°36'58
minimum elong	-213 Oct 03 j 02:52	5°♎50'04	0°36'27
max. Earth dist.	-213 Oct 08 j 11:34	14°♎29'01	1.44245 AU
desc. node	-213 Oct 08 j 15:04	14°♎42'59	
	-213 Oct 18 j 09:13	0°♏	
evening rise	-213 Oct 19 j 02:34	1°♏06'53	
	-213 Nov 07 j 11:47	0°♐	
greatest brilliancy	-213 Nov 09 j 16:13	2°♐58'58	-0.5m
evening max el	-213 Nov 15 j 20:00	10°♐24'14	20°28'36
retrograde	-213 Nov 23 j 20:13	15°♐07'34	
asc. node	-213 Nov 25 j 19:09	14°♐45'48	
evening set	-213 Nov 27 j 14:21	13°♐46'07	
inferior conj	-213 Dec 03 j 01:35	7°♐36'46	2°18'34
minimum elong	-213 Dec 02 j 22:58	7°♐45'39	2°17'42
min. Earth dist.	-213 Dec 03 j 17:28	6°♐42'57	0.67101 AU
morning rise	-213 Dec 08 j 07:05	1°♐21'24	
	-213 Dec 10 j 02:51	30°℞♏	
direct	-213 Dec 13 j 20:52	28°♏54'55	
	-213 Dec 17 j 23:23	0°♐	
morning max el	-213 Dec 25 j 04:52	5°♐40'22	24°33'29
desc. node	-212 Jan 04 j 14:15	18°♐04'47	
	-212 Jan 13 j 00:58	0°♑	
morning set	-212 Jan 30 j 04:11	27°♑40'26	
	-212 Jan 31 j 11:47	0°♒	
max. Earth dist.	-212 Feb 02 j 21:24	4°♒19'06	1.37560 AU
superior conj	-212 Feb 09 j 15:51	17°♒02'29	-1°-41'-51
minimum elong	-212 Feb 09 j 19:38	17°♒20'47	1°41'30
	-212 Feb 16 j 05:26	0°♓	
evening rise	-212 Feb 18 j 06:54	4°♓06'28	
asc. node	-212 Feb 21 j 18:29	10°♓55'51	
	-212 Mar 04 j 20:56	0°♈	
evening max el	-212 Mar 06 j 01:44	1°♈13'40	19°12'54
retrograde	-212 Mar 14 j 23:05	5°♈30'07	
evening set	-212 Mar 17 j 04:03	5°♈15'28	
inferior conj	-212 Mar 25 j 10:23	1°♈04'58	1°55'26
minimum elong	-212 Mar 25 j 14:26	0°♈58'06	1°54'13
	-212 Mar 27 j 00:46	30°℞♓	
min. Earth dist.	-212 Mar 28 j 09:07	29°♓06'23	0.56541 AU
desc. node	-212 Apr 01 j 13:27	26°♓44'31	
morning rise	-212 Apr 02 j 20:50	26°♓11'54	
direct	-212 Apr 07 j 18:58	25°♓15'50	
	-212 Apr 19 j 02:36	0°♈	
morning max el	-212 Apr 21 j 23:45	2°♈32'15	25°18'36
	-212 May 11 j 07:47	0°♉	
morning set	-212 May 18 j 17:29	14°♉41'24	
asc. node	-212 May 19 j 17:46	16°♉49'56	
superior conj	-212 May 25 j 18:16	29°♉53'52	0°59'47
minimum elong	-212 May 25 j 16:01	29°♉41'35	0°59'23
	-212 May 25 j 19:23	0°♊	
max. Earth dist.	-212 May 26 j 20:17	2°♊15'42	1.32766 AU
evening rise	-212 Jun 01 j 22:29	15°♊12'21	
	-212 Jun 09 j 13:12	0°♋	
desc. node	-212 Jun 28 j 12:47	28°♋44'04	
	-212 Jun 29 j 14:53	0°♌	
evening max el	-212 Jul 03 j 22:23	4°♌31'22	27°17'54
retrograde	-212 Jul 17 j 18:17	11°♌48'56	
evening set	-212 Jul 24 j 22:07	9°♌23'47	
min. Earth dist.	-212 Jul 28 j 12:13	6°♌32'58	0.62187 AU
inferior conj	-212 Jul 31 j 12:07	3°♌46'03	-4°-8'-53
minimum elong	-212 Jul 31 j 16:34	3°♌35'40	4°08'02
	-212 Aug 05 j 01:12	30°℞♋	
morning rise	-212 Aug 07 j 13:36	28°♋42'44	
direct	-212 Aug 10 j 00:20	28°♋16'20	
	-212 Aug 14 j 19:09	0°♌	
asc. node	-212 Aug 15 j 16:57	0°♌42'18	
morning max el	-212 Aug 16 j 19:34	1°♌42'52	17°54'43
morning set	-212 Sep 01 j 20:41	26°♌49'51	
	-212 Sep 03 j 14:54	0°♍	
superior conj	-212 Sep 12 j 20:00	16°♍13'49	1°12'32
minimum elong	-212 Sep 13 j 00:59	16°♍35'10	1°11'58
max. Earth dist.	-212 Sep 20 j 01:20	28°♍18'50	1.42915 AU
	-212 Sep 21 j 02:11	0°♎	
desc. node	-212 Sep 24 j 12:06	5°♎29'06	
evening rise	-212 Sep 27 j 11:08	10°♎09'17	
	-212 Oct 10 j 13:41	0°♏	
greatest brilliancy	-212 Oct 23 j 19:54	18°♏17'18	-0.4m
evening max el	-212 Oct 28 j 17:15	23°♏53'00	21°39'45
retrograde	-212 Nov 06 j 16:59	29°♏13'41	
evening set	-212 Nov 10 j 22:10	27°♏35'37	
asc. node	-212 Nov 11 j 16:10	26°♏57'16	
inferior conj	-212 Nov 16 j 07:44	21°♏17'37	1°32'59
minimum elong	-212 Nov 16 j 05:46	21°♏24'27	1°32'12
min. Earth dist.	-212 Nov 16 j 12:10	21°♏02'18	0.67542 AU
morning rise	-212 Nov 21 j 13:06	15°♏02'35	
direct	-212 Nov 26 j 11:27	12°♏57'47	
morning max el	-212 Dec 06 j 14:15	18°♏58'29	23°05'54
greatest brilliancy	-212 Dec 11 j 11:31	24°♏26'42	-0.3m

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-212 Dec 15 j 20:24	0°♐	
desc. node	-212 Dec 21 j 11:19	7°♐43'26	
	-211 Jan 05 j 05:05	0°♑	
morning set	-211 Jan 10 j 05:05	8°♑09'34	
max. Earth dist.	-211 Jan 14 j 16:54	15°♑46'50	1.39669 AU
superior conj	-211 Jan 22 j 09:24	29°♑30'23	-1°-56'-52
minimum elong	-211 Jan 22 j 11:59	29°♑42'16	1°56'46
	-211 Jan 22 j 15:49	0°♒	
evening rise	-211 Jan 31 j 23:13	17°♒38'21	
asc. node	-211 Feb 07 j 15:31	0°♓05'36	
	-211 Feb 07 j 14:15	0°♓	
evening max el	-211 Feb 17 j 04:24	13°♓41'45	18°31'49
retrograde	-211 Feb 24 j 19:37	17°♓26'07	
evening set	-211 Feb 27 j 05:07	17°♓05'13	
inferior conj	-211 Mar 06 j 17:13	12°♓34'56	3°05'34
minimum elong	-211 Mar 06 j 21:11	12°♓27'06	3°04'45
min. Earth dist.	-211 Mar 10 j 03:12	9°♓54'32	0.58364 AU
morning rise	-211 Mar 14 j 09:20	7°♓11'58	
desc. node	-211 Mar 19 j 10:28	5°♓43'01	
direct	-211 Mar 20 j 08:51	5°♓40'48	
morning max el	-211 Apr 03 j 17:09	13°♓17'30	26°40'06
	-211 Apr 16 j 22:11	0°♈	
morning set	-211 May 03 j 04:08	29°♈35'42	
	-211 May 03 j 08:46	0°♉	
asc. node	-211 May 06 j 14:49	6°♉56'58	
superior conj	-211 May 10 j 05:55	14°♉53'13	0°37'34
minimum elong	-211 May 10 j 04:20	14°♉44'32	0°37'15
max. Earth dist.	-211 May 10 j 08:34	15°♉07'46	1.32394 AU
evening rise	-211 May 17 j 05:34	29°♉58'45	
	-211 May 17 j 05:48	0°♊	
	-211 Jun 02 j 18:22	0°♋	
desc. node	-211 Jun 15 j 09:46	15°♋57'30	
evening max el	-211 Jun 16 j 00:57	16°♋34'17	26°38'42
retrograde	-211 Jun 30 j 00:35	23°♋49'22	
evening set	-211 Jul 06 j 17:52	21°♋53'42	
min. Earth dist.	-211 Jul 10 j 14:18	19°♋16'18	0.60176 AU
inferior conj	-211 Jul 13 j 22:02	16°♋34'39	-4°-37'-41
minimum elong	-211 Jul 14 j 00:33	16°♋29'31	4°37'29
morning rise	-211 Jul 21 j 10:28	11°♋53'55	
direct	-211 Jul 23 j 21:08	11°♋31'34	
morning max el	-211 Jul 31 j 07:04	15°♋07'53	18°12'09
asc. node	-211 Aug 02 j 14:01	17°♋37'38	
	-211 Aug 10 j 14:23	0°♌	
morning set	-211 Aug 16 j 04:29	10°♌19'33	
superior conj	-211 Aug 25 j 18:51	28°♌10'19	1°34'57
minimum elong	-211 Aug 25 j 22:20	28°♌26'02	1°34'42
	-211 Aug 26 j 19:14	0°♍	
max. Earth dist.	-211 Sep 02 j 09:30	11°♍29'47	1.41128 AU
evening rise	-211 Sep 07 j 11:46	19°♍57'18	
desc. node	-211 Sep 11 j 09:06	26°♍11'08	
	-211 Sep 13 j 19:38	0°♎	
	-211 Oct 04 j 22:13	0°♏	
greatest brilliancy	-211 Oct 06 j 02:48	1°♏28'09	-0.2m
evening max el	-211 Oct 11 j 09:08	7°♏22'27	22°58'15
retrograde	-211 Oct 21 j 11:23	13°♏21'53	
evening set	-211 Oct 26 j 05:28	11°♏25'51	
asc. node	-211 Oct 29 j 13:13	7°♏50'17	
inferior conj	-211 Oct 31 j 14:50	5°♏02'54	0°42'31
minimum elong	-211 Oct 31 j 13:51	5°♏06'17	0°42'05
min. Earth dist.	-211 Oct 31 j 08:41	5°♏24'05	0.67654 AU
	-211 Nov 04 j 15:40	30°℞♎	
morning rise	-211 Nov 05 j 22:14	28°♎50'27	
direct	-211 Nov 10 j 05:46	27°♎08'24	
	-211 Nov 16 j 13:36	0°♏	
morning max el	-211 Nov 19 j 04:04	2°♏23'23	21°40'52
greatest brilliancy	-211 Nov 24 j 02:25	7°♏59'56	-0.4m
desc. node	-211 Dec 08 j 08:20	27°♏46'15	
	-211 Dec 09 j 20:17	0°♐	
morning set	-211 Dec 21 j 00:44	17°♐14'38	
max. Earth dist.	-211 Dec 27 j 16:48	28°♐03'55	1.41717 AU
	-211 Dec 28 j 20:43	0°♑	
superior conj	-210 Jan 04 j 06:38	10°♑57'00	-2°-1'-28
minimum elong	-210 Jan 04 j 05:58	10°♑54'04	2°01'28
	-210 Jan 14 j 20:39	0°♒	
evening rise	-210 Jan 15 j 03:24	0°♒31'02	
asc. node	-210 Jan 25 j 12:33	18°♒44'09	
evening max el	-210 Jan 31 j 13:14	26°♒34'57	18°10'50
	-210 Feb 06 j 13:51	0°♓	
retrograde	-210 Feb 07 j 09:50	0°♓03'06	
	-210 Feb 08 j 05:56	30°℞♒	
evening set	-210 Feb 09 j 23:43	29°♒34'17	
inferior conj	-210 Feb 16 j 20:23	24°♒42'36	3°41'44
minimum elong	-210 Feb 16 j 22:17	24°♒38'14	3°41'32
min. Earth dist.	-210 Feb 20 j 03:10	21°♒43'24	0.60447 AU
morning rise	-210 Feb 23 j 17:45	18°♒58'25	
direct	-210 Mar 02 j 10:40	16°♒50'05	
desc. node	-210 Mar 06 j 07:30	17°♒29'59	
morning max el	-210 Mar 16 j 16:36	24°♒38'10	27°31'45
	-210 Mar 21 j 14:24	0°♓	
	-210 Apr 10 j 04:24	0°♈	
morning set	-210 Apr 17 j 11:41	14°♈18'49	
asc. node	-210 Apr 23 j 11:52	27°♈07'52	
max. Earth dist.	-210 Apr 23 j 21:04	27°♈58'06	1.32381 AU
superior conj	-210 Apr 24 j 17:22	29°♈49'11	0°12'59
minimum elong	-210 Apr 24 j 16:47	29°♈45'57	0°12'53
behind sun begin	-210 Apr 24 j 13:50	29°♈29'49	
behind sun end	-210 Apr 24 j 19:44	0°♉02'06	
	-210 Apr 24 j 19:21	0°♉	
evening rise	-210 May 01 j 15:58	14°♉52'32	
	-210 May 09 j 06:25	0°♊	
evening max el	-210 May 28 j 20:37	27°♊51'57	25°29'35
	-210 May 31 j 06:09	0°♋	
desc. node	-210 Jun 02 j 06:46	1°♋32'31	
retrograde	-210 Jun 11 j 21:44	5°♋02'46	
evening set	-210 Jun 17 j 15:12	3°♋45'33	
min. Earth dist.	-210 Jun 22 j 08:39	1°♋03'03	0.58132 AU
	-210 Jun 23 j 20:58	30°℞♊	
inferior conj	-210 Jun 25 j 13:50	28°♊47'22	-4°-41'-51
minimum elong	-210 Jun 25 j 12:21	28°♊49'59	4°41'47
morning rise	-210 Jul 03 j 13:21	24°♊29'23	
direct	-210 Jul 06 j 01:37	24°♊09'48	
morning max el	-210 Jul 14 j 12:04	28°♊07'59	18°49'59
	-210 Jul 16 j 07:21	0°♋	
asc. node	-210 Jul 20 j 11:05	5°♋30'15	
morning set	-210 Jul 30 j 23:21	24°♋22'34	
	-210 Aug 02 j 20:07	0°♌	
superior conj	-210 Aug 08 j 14:12	11°♌08'44	1°45'36
minimum elong	-210 Aug 08 j 15:29	11°♌14'52	1°45'34
max. Earth dist.	-210 Aug 15 j 12:57	23°♌56'32	1.39125 AU
	-210 Aug 19 j 00:04	0°♍	
evening rise	-210 Aug 19 j 13:00	0°♍55'23	
desc. node	-210 Aug 29 j 06:08	16°♍45'36	
	-210 Sep 07 j 03:28	0°♎	
evening max el	-210 Sep 23 j 21:38	20°♎55'31	24°18'11
retrograde	-210 Oct 05 j 02:18	27°♎29'24	
evening set	-210 Oct 10 j 10:37	25°♎15'26	
min. Earth dist.	-210 Oct 15 j 04:42	19°♎47'04	0.67453 AU
inferior conj	-210 Oct 15 j 21:11	18°♎51'34	0°-11'-17

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-210 Oct 15 j 21:27	18°♎50'39	0°11'11	
transit middle	-210 Oct 15 j 21:27	18°♎50'39	0°11'11	
transit begin	-210 Oct 15 j 19:28	18°♎57'20		
transit end	-210 Oct 15 j 23:27	18°♎43'58		
asc. node	-210 Oct 16 j 10:16	18°♎07'41		
morning rise	-210 Oct 21 j 08:36	12°♎44'19		
direct	-210 Oct 25 j 02:52	11°♎23'23		
morning max el	-210 Nov 02 j 00:55	15°♎58'16	20°25'05	
greatest brilliancy	-210 Nov 08 j 11:38	23°♎40'50	-0.5m	
	-210 Nov 13 j 01:08	0°♏		
desc. node	-210 Nov 25 j 05:23	18°♏06'48		
morning set	-210 Nov 29 j 23:29	25°♏25'35		
	-210 Dec 02 j 21:59	0°♐		
max. Earth dist.	-210 Dec 09 j 23:51	11°♐13'20	1.43429 AU	
superior conj	-210 Dec 16 j 02:32	21°♐11'47	-1°-51'-2	
minimum elong	-210 Dec 15 j 21:04	20°♐49'08	1°50'43	
	-210 Dec 21 j 08:21	0°♑		
evening rise	-210 Dec 28 j 15:22	12°♑36'31		
	-209 Jan 07 j 19:23	0°♒		
asc. node	-209 Jan 12 j 09:35	6°♒42'07		
evening max el	-209 Jan 15 j 01:15	9°♒45'24	18°09'25	
retrograde	-209 Jan 21 j 13:41	13°♒11'14		
evening set	-209 Jan 24 j 07:49	12°♒33'24		
inferior conj	-209 Jan 30 j 16:26	7°♒20'46	3°50'58	
minimum elong	-209 Jan 30 j 16:08	7°♒21'33	3°50'58	
min. Earth dist.	-209 Feb 02 j 11:27	4°♒27'00	0.62483 AU	
morning rise	-209 Feb 05 j 22:18	1°♒23'26		
	-209 Feb 08 j 03:10	30°℞♑		
direct	-209 Feb 12 j 22:08	28°♑46'49		
	-209 Feb 18 j 00:28	0°♒		
desc. node	-209 Feb 21 j 04:33	1°♒49'07		
morning max el	-209 Feb 26 j 21:42	6°♒39'04	27°47'01	
	-209 Mar 16 j 16:10	0°♓		
morning set	-209 Apr 01 j 14:01	28°♓43'17		
	-209 Apr 02 j 05:07	0°♈		
max. Earth dist.	-209 Apr 07 j 05:53	10°♈32'59	1.32748 AU	
superior conj	-209 Apr 09 j 02:56	14°♈35'53	0°-13'-10	
minimum elong	-209 Apr 09 j 03:34	14°♈39'15	0°13'02	
behind sun begin	-209 Apr 09 j 00:35	14°♈23'10		
behind sun end	-209 Apr 09 j 06:32	14°♈55'21		
asc. node	-209 Apr 10 j 08:55	17°♈18'29		
evening rise	-209 Apr 16 j 03:44	29°♈46'53		
	-209 Apr 16 j 06:13	0°♉		
	-209 May 03 j 03:25	0°♊		
evening max el	-209 May 10 j 11:39	8°♊35'52	24°00'14	
desc. node	-209 May 20 j 03:48	14°♊53'05		
retrograde	-209 May 24 j 07:07	15°♊32'07		
evening set	-209 May 28 j 14:46	14°♊50'47		
min. Earth dist.	-209 Jun 03 j 22:49	11°♊47'26	0.56379 AU	
inferior conj	-209 Jun 06 j 09:28	10°♊16'58	-4°-8'-37	
minimum elong	-209 Jun 06 j 03:32	10°♊26'11	4°07'33	
morning rise	-209 Jun 14 j 19:59	6°♊16'48		
direct	-209 Jun 17 j 11:06	5°♊58'47		
morning max el	-209 Jun 27 j 07:41	10°♊32'49	19°48'45	
asc. node	-209 Jul 07 j 08:09	24°♊06'28		
	-209 Jul 10 j 14:04	0°♋		
morning set	-209 Jul 15 j 01:50	8°♋49'18		
superior conj	-209 Jul 23 j 00:24	24°♋52'13	1°46'42	
minimum elong	-209 Jul 22 j 23:49	24°♋49'18	1°46'41	
	-209 Jul 25 j 15:00	0°♌		
max. Earth dist.	-209 Jul 28 j 16:36	5°♌51'58	1.37168 AU	
evening rise	-209 Aug 01 j 14:01	13°♌01'59		
	-209 Aug 11 j 13:41	0°♍		
desc. node	-209 Aug 16 j 03:10	7°♍07'00		
	-209 Sep 02 j 02:47	0°♎		
evening max el	-209 Sep 06 j 09:11	4°♎32'13	25°32'32	
retrograde	-209 Sep 18 j 12:45	11°♎31'07		
evening set	-209 Sep 24 j 11:50	9°♎01'10		
min. Earth dist.	-209 Sep 28 j 21:42	4°♎08'33	0.66931 AU	
inferior conj	-209 Sep 30 j 01:00	2°♎40'41	-1°-6'-59	
minimum elong	-209 Sep 30 j 02:42	2°♎35'15	1°06'17	
	-209 Oct 02 j 04:41	30°℞♍		
asc. node	-209 Oct 03 j 07:19	28°♍46'17		
morning rise	-209 Oct 05 j 18:13	26°♍41'33		
direct	-209 Oct 09 j 01:19	25°♍38'44		
morning max el	-209 Oct 16 j 05:18	29°♍42'25	19°22'44	
	-209 Oct 16 j 12:10	0°♎		
greatest brilliancy	-209 Oct 25 j 18:07	12°♎03'17	-0.7m	
	-209 Nov 06 j 12:48	0°♏		
morning set	-209 Nov 09 j 00:20	3°♏51'06		
desc. node	-209 Nov 12 j 02:27	8°♏39'34		
max. Earth dist.	-209 Nov 22 j 13:48	25°♏04'59	1.44578 AU	
superior conj	-209 Nov 25 j 20:07	0°♐15'42	-1°-22'-22	
minimum elong	-209 Nov 25 j 11:51	29°♏42'49	1°21'32	
	-209 Nov 25 j 16:10	0°♐		
evening rise	-209 Dec 10 j 06:45	23°♐47'03		
	-209 Dec 14 j 00:20	0°♑		
evening max el	-209 Dec 29 j 13:39	23°♑06'15	18°26'46	
asc. node	-209 Dec 30 j 06:36	23°♑47'38		
retrograde	-208 Jan 05 j 02:47	26°♑41'47		
evening set	-208 Jan 08 j 01:46	25°♑53'44		
inferior conj	-208 Jan 14 j 01:24	20°♑21'43	3°40'43	
minimum elong	-208 Jan 13 j 23:32	20°♑27'07	3°40'30	
min. Earth dist.	-208 Jan 16 j 05:16	17°♑52'02	0.64254 AU	
morning rise	-208 Jan 19 j 19:54	14°♑16'05		
direct	-208 Jan 26 j 17:04	11°♑26'02		
desc. node	-208 Feb 08 j 01:37	18°♑04'44		
morning max el	-208 Feb 09 j 06:21	19°♑14'30	27°26'22	
	-208 Feb 18 j 10:37	0°♒		
	-208 Mar 08 j 14:53	0°♓		
morning set	-208 Mar 15 j 08:30	12°♓40'25		
max. Earth dist.	-208 Mar 20 j 07:13	22°♓40'43	1.33527 AU	
superior conj	-208 Mar 23 j 08:46	29°♓07'07	0°-39'-56	
minimum elong	-208 Mar 23 j 10:41	29°♓17'17	0°39'35	
	-208 Mar 23 j 18:43	0°♈		
asc. node	-208 Mar 27 j 05:57	7°♈24'51		
evening rise	-208 Mar 30 j 15:04	14°♈35'29		
	-208 Apr 07 j 10:48	0°♉		
evening max el	-208 Apr 21 j 04:02	19°♉12'25	22°25'05	
retrograde	-208 May 04 j 03:39	25°♉35'56		
desc. node	-208 May 06 j 00:50	25°♉28'03		
evening set	-208 May 07 j 03:37	25°♉16'11		
min. Earth dist.	-208 May 15 j 11:33	21°♉40'17	0.55264 AU	
inferior conj	-208 May 16 j 11:34	21°♉06'17	-2°-50'-8	
minimum elong	-208 May 16 j 04:39	21°♉16'06	2°48'06	
morning rise	-208 May 25 j 07:48	17°♉12'30		
direct	-208 May 28 j 04:15	16°♉53'55		
morning max el	-208 Jun 08 j 16:13	22°♉15'47	21°07'31	
	-208 Jun 15 j 06:16	0°♊		
asc. node	-208 Jun 23 j 05:14	13°♊16'01		
morning set	-208 Jun 28 j 09:27	23°♊33'10		
	-208 Jul 01 j 11:50	0°♋		
superior conj	-208 Jul 05 j 21:07	9°♋08'25	1°40'18	
minimum elong	-208 Jul 05 j 19:17	8°♋58'59	1°40'11	
max. Earth dist.	-208 Jul 10 j 02:40	17°♋43'16	1.35464 AU	
evening rise	-208 Jul 14 j 10:21	26°♋05'39		
	-208 Jul 16 j 12:40	0°♌		
desc. node	-208 Aug 02 j 00:12	27°♌09'00		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-208 Aug 03 j 23:40	0°♍		
evening max el	-208 Aug 18 j 21:06	18°♍08'14	26°33'22	
retrograde	-208 Aug 31 j 18:06	25°♍21'25		
evening set	-208 Sep 07 j 07:04	22°♍40'01		
min. Earth dist.	-208 Sep 11 j 09:14	18°♍24'59	0.66067 AU	
inferior conj	-208 Sep 13 j 00:23	16°♍27'01	-2°-2'-51	
minimum elong	-208 Sep 13 j 03:29	16°♍17'40	2°01'40	
morning rise	-208 Sep 19 j 01:01	10°♍39'21		
asc. node	-208 Sep 19 j 04:24	10°♍34'51		
direct	-208 Sep 21 j 23:15	9°♍51'03		
morning max el	-208 Sep 28 j 15:58	13°♍33'07	18°35'59	
	-208 Oct 10 j 13:17	0°♎		
morning set	-208 Oct 19 j 00:15	13°♎29'21		
desc. node	-208 Oct 28 j 23:30	29°♎20'32		
	-208 Oct 29 j 09:29	0°♏		
superior conj	-208 Nov 03 j 21:24	8°♏39'27	0°-38'-6	
minimum elong	-208 Nov 03 j 16:26	8°♏19'56	0°37'28	
max. Earth dist.	-208 Nov 04 j 08:11	9°♏21'51	1.45028 AU	
	-208 Nov 17 j 10:19	0°♐		
evening rise	-208 Nov 19 j 22:34	3°♐59'09		
	-208 Dec 06 j 17:15	0°♑		
evening max el	-208 Dec 11 j 23:55	6°♑32'12	19°01'43	
asc. node	-208 Dec 16 j 03:38	9°♑46'29		
retrograde	-208 Dec 18 j 21:30	10°♑27'42		
evening set	-208 Dec 22 j 02:31	9°♑28'04		
inferior conj	-208 Dec 27 j 19:42	3°♑38'57	3°16'28	
minimum elong	-208 Dec 27 j 17:02	3°♑47'18	3°15'54	
min. Earth dist.	-208 Dec 29 j 08:23	1°♑44'00	0.65663 AU	
	-208 Dec 30 j 19:07	30°℞♐		
morning rise	-207 Jan 02 j 06:39	27°♐27'46		
direct	-207 Jan 08 j 18:22	24°♐38'52		
	-207 Jan 19 j 07:48	0°♑		
morning max el	-207 Jan 21 j 16:00	2°♑13'15	26°35'06	
desc. node	-207 Jan 24 j 22:40	5°♑43'49		
	-207 Feb 11 j 14:57	0°♒		
morning set	-207 Feb 26 j 15:27	25°♒57'59		
	-207 Feb 28 j 18:00	0°♓		
max. Earth dist.	-207 Mar 02 j 21:44	4°♓13'37	1.34759 AU	
superior conj	-207 Mar 07 j 08:33	13°♓14'39	-1°-6'-9	
minimum elong	-207 Mar 07 j 11:39	13°♓30'35	1°05'39	
asc. node	-207 Mar 14 j 02:59	27°♓21'43		
evening rise	-207 Mar 15 j 00:01	29°♓10'47		
	-207 Mar 15 j 09:34	0°♈		
evening max el	-207 Apr 03 j 04:04	0°♉07'45	20°57'23	
	-207 Apr 03 j 00:52	0°♉		
retrograde	-207 Apr 14 j 16:53	5°♉42'35		
evening set	-207 Apr 16 j 23:08	5°♉30'32		
desc. node	-207 Apr 22 j 21:51	3°♉21'40		
inferior conj	-207 Apr 26 j 05:45	1°♉32'30	0°-57'-8	
minimum elong	-207 Apr 26 j 03:02	1°♉36'21	0°56'11	
min. Earth dist.	-207 Apr 27 j 00:28	1°♉05'57	0.55030 AU	
	-207 Apr 29 j 00:06	30°℞♈		
morning rise	-207 May 05 j 06:16	27°♈27'05		
direct	-207 May 08 j 14:35	27°♈02'55		
	-207 May 17 j 11:49	0°♉		
morning max el	-207 May 21 j 14:21	3°♉16'53	22°42'14	
	-207 Jun 08 j 16:06	0°♊		
asc. node	-207 Jun 10 j 02:17	2°♊49'35		
morning set	-207 Jun 12 j 20:05	8°♊27'20		
superior conj	-207 Jun 20 j 00:59	23°♊46'37	1°28'03	
minimum elong	-207 Jun 19 j 22:33	23°♊33'45	1°27'46	
max. Earth dist.	-207 Jun 22 j 22:01	29°♊49'43	1.34109 AU	
	-207 Jun 23 j 00:00	0°♋		
evening rise	-207 Jun 27 j 21:03	9°♋52'15		
	-207 Jul 08 j 22:47	0°♌		
desc. node	-207 Jul 19 j 21:13	16°♌42'59		
	-207 Jul 30 j 19:06	0°♍		
evening max el	-207 Aug 01 j 08:53	1°♍33'42	27°13'08	
retrograde	-207 Aug 14 j 17:55	8°♍52'53		
evening set	-207 Aug 21 j 17:47	6°♍08'01		
min. Earth dist.	-207 Aug 25 j 12:57	2°♍30'22	0.64837 AU	
inferior conj	-207 Aug 27 j 17:05	0°♍06'11	-2°-56'-40	
minimum elong	-207 Aug 27 j 21:21	29°♌54'23	2°55'17	
	-207 Aug 27 j 19:19	30°℞♌		
morning rise	-207 Sep 03 j 02:34	24°♌33'22		
direct	-207 Sep 05 j 18:18	23°♌56'05		
asc. node	-207 Sep 06 j 01:28	23°♌56'34		
morning max el	-207 Sep 12 j 06:34	27°♌25'31	18°05'58	
	-207 Sep 14 j 13:25	0°♍		
morning set	-207 Sep 30 j 04:47	24°♍31'39		
	-207 Oct 03 j 11:34	0°♎		
superior conj	-207 Oct 14 j 03:46	17°♎23'41	0°11'11	
minimum elong	-207 Oct 14 j 05:08	17°♎29'07	0°10'59	
behind sun begin	-207 Oct 13 j 21:10	16°♎57'18		
behind sun end	-207 Oct 14 j 13:05	18°♎00'54		
desc. node	-207 Oct 15 j 20:32	20°♎06'14		
max. Earth dist.	-207 Oct 18 j 03:05	23°♎42'32	1.44732 AU	
	-207 Oct 22 j 03:03	0°♏		
evening rise	-207 Oct 30 j 16:34	13°♏19'27		
	-207 Nov 10 j 13:27	0°♐		
greatest brilliancy	-207 Nov 17 j 20:43	10°♐44'15	-0.6m	
evening max el	-207 Nov 25 j 05:59	20°♐00'07	19°52'47	
retrograde	-207 Dec 02 j 18:50	24°♐24'22		
asc. node	-207 Dec 03 j 00:41	24°♐24'02		
evening set	-207 Dec 06 j 07:35	23°♐11'25		
inferior conj	-207 Dec 11 j 20:28	17°♐08'17	2°42'01	
minimum elong	-207 Dec 11 j 17:40	17°♐17'34	2°41'11	
min. Earth dist.	-207 Dec 12 j 19:25	15°♐52'06	0.66681 AU	
morning rise	-207 Dec 17 j 03:07	10°♐53'42		
direct	-207 Dec 23 j 01:20	8°♐17'01		
morning max el	-206 Jan 04 j 01:01	15°♐24'28	25°21'45	
desc. node	-206 Jan 11 j 19:43	24°♐22'17		
	-206 Jan 16 j 01:54	0°♑		
	-206 Feb 04 j 11:56	0°♒		
morning set	-206 Feb 09 j 06:12	8°♒23'00		
max. Earth dist.	-206 Feb 13 j 00:45	15°♒20'12	1.36433 AU	
superior conj	-206 Feb 18 j 23:35	26°♒51'11	-1°-30'-4	
minimum elong	-206 Feb 19 j 03:22	27°♒10'02	1°29'35	
	-206 Feb 20 j 13:23	0°♓		
evening rise	-206 Feb 27 j 04:33	13°♓26'45		
asc. node	-206 Mar 01 j 00:00	17°♓04'40		
	-206 Mar 07 j 22:47	0°♈		
evening max el	-206 Mar 16 j 15:09	11°♈38'56	19°45'30	
retrograde	-206 Mar 26 j 10:55	16°♈21'42		
evening set	-206 Mar 28 j 13:50	16°♈09'29		
inferior conj	-206 Apr 06 j 06:38	12°♈07'04	0°59'08	
minimum elong	-206 Apr 06 j 09:07	12°♈03'11	0°58'17	
min. Earth dist.	-206 Apr 08 j 14:41	10°♈39'57	0.55746 AU	
desc. node	-206 Apr 09 j 18:52	9°♈58'00		
morning rise	-206 Apr 15 j 01:05	7°♈32'46		
direct	-206 Apr 19 j 07:18	6°♈52'26		
morning max el	-206 May 03 j 06:07	13°♈51'05	24°23'16	
	-206 May 15 j 19:52	0°♉		
asc. node	-206 May 27 j 23:19	22°♉40'22		
morning set	-206 May 28 j 08:00	23°♉25'58		
	-206 May 31 j 09:49	0°♊		
superior conj	-206 Jun 04 j 09:26	8°♊38'33	1°11'11	
minimum elong	-206 Jun 04 j 06:59	8°♊25'16	1°10'49	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	-206 Jun 06 j 02:04	12°♊17'47	1.33139 AU
evening rise	-206 Jun 11 j 18:04	24°♊09'50	
	-206 Jun 14 j 16:33	0°♋	
	-206 Jul 02 j 13:40	0°♌	
desc. node	-206 Jul 06 j 18:12	5°♌36'54	
evening max el	-206 Jul 14 j 18:55	14°♌36'31	27°25'17
retrograde	-206 Jul 28 j 11:57	21°♌56'16	
evening set	-206 Aug 04 j 16:44	19°♌19'41	
min. Earth dist.	-206 Aug 08 j 07:07	16°♌14'44	0.63242 AU
inferior conj	-206 Aug 11 j 00:25	13°♌32'11	-3°-45'-14
minimum elong	-206 Aug 11 j 05:09	13°♌20'22	3°44'04
morning rise	-206 Aug 17 j 19:52	8°♌17'27	
direct	-206 Aug 20 j 07:36	7°♌47'58	
asc. node	-206 Aug 23 j 22:32	8°♌51'22	
morning max el	-206 Aug 26 j 22:19	11°♌13'15	17°53'31
	-206 Sep 08 j 13:31	0°♍	
morning set	-206 Sep 12 j 09:51	6°♍44'09	
superior conj	-206 Sep 24 j 08:57	27°♍16'49	0°53'38
minimum elong	-206 Sep 24 j 13:45	27°♍36'48	0°53'02
	-206 Sep 26 j 00:20	0°♎	
max. Earth dist.	-206 Sep 30 j 19:02	7°♎46'58	1.43744 AU
desc. node	-206 Oct 02 j 17:32	10°♎53'03	
evening rise	-206 Oct 09 j 23:23	22°♎14'45	
	-206 Oct 15 j 00:52	0°♏	
greatest brilliancy	-206 Nov 02 j 18:23	26°♏59'45	-0.5m
	-206 Nov 05 j 04:08	0°♐	
evening max el	-206 Nov 08 j 06:29	3°♐28'09	20°57'37
retrograde	-206 Nov 16 j 16:25	8°♐27'31	
asc. node	-206 Nov 19 j 21:44	7°♐28'44	
evening set	-206 Nov 20 j 14:55	6°♐59'19	
inferior conj	-206 Nov 26 j 01:14	0°♐45'38	1°59'56
minimum elong	-206 Nov 25 j 22:51	0°♐53'51	1°59'03
min. Earth dist.	-206 Nov 26 j 12:06	0°♐08'22	0.67327 AU
	-206 Nov 26 j 14:33	30°℞♏	
morning rise	-206 Dec 01 j 06:22	24°♏29'53	
direct	-206 Dec 06 j 13:29	22°♏12'19	
morning max el	-206 Dec 17 j 09:32	28°♏40'11	23°56'21
	-206 Dec 18 j 16:14	0°♐	
desc. node	-206 Dec 29 j 16:45	13°♐42'22	
	-205 Jan 09 j 20:35	0°♑	
morning set	-205 Jan 21 j 22:40	19°♑38'44	
max. Earth dist.	-205 Jan 25 j 20:12	26°♑27'13	1.38442 AU
	-205 Jan 27 j 19:37	0°♒	
superior conj	-205 Feb 02 j 02:13	9°♒47'04	-1°-49'-15
minimum elong	-205 Feb 02 j 05:43	10°♒03'37	1°48'59
evening rise	-205 Feb 11 j 02:08	27°♒16'23	
	-205 Feb 12 j 11:40	0°♓	
asc. node	-205 Feb 15 j 21:02	6°♓28'16	
evening max el	-205 Feb 27 j 12:54	23°♓48'12	18°52'59
retrograde	-205 Mar 07 j 20:12	27°♓49'01	
evening set	-205 Mar 10 j 02:53	27°♓32'07	
inferior conj	-205 Mar 18 j 01:18	23°♓14'02	2°29'39
minimum elong	-205 Mar 18 j 05:42	23°♓06'06	2°28'29
min. Earth dist.	-205 Mar 21 j 07:04	20°♓54'52	0.57255 AU
morning rise	-205 Mar 26 j 04:17	18°♓06'59	
desc. node	-205 Mar 27 j 15:53	17°♓33'58	
direct	-205 Mar 31 j 13:48	16°♓56'43	
morning max el	-205 Apr 14 j 21:20	24°♓24'19	25°56'17
	-205 Apr 20 j 00:07	0°♈	
	-205 May 08 j 16:53	0°♉	
morning set	-205 May 12 j 19:36	8°♉23'40	
asc. node	-205 May 14 j 20:21	12°♉42'58	
superior conj	-205 May 19 j 20:28	23°♉37'23	0°50'43
minimum elong	-205 May 19 j 18:27	23°♉26'22	0°50'20
max. Earth dist.	-205 May 20 j 12:14	25°♉03'42	1.32553 AU
	-205 May 22 j 18:39	0°♊	
evening rise	-205 May 26 j 22:15	8°♊48'37	
	-205 Jun 07 j 01:53	0°♋	
desc. node	-205 Jun 23 j 15:12	23°♋34'06	
evening max el	-205 Jun 27 j 01:02	27°♋05'02	27°05'21
	-205 Jun 30 j 10:06	0°♌	
retrograde	-205 Jul 10 j 23:09	4°♌22'22	
evening set	-205 Jul 17 j 23:50	2°♌08'13	
	-205 Jul 20 j 22:21	30°℞♋	
min. Earth dist.	-205 Jul 21 j 15:11	29°♋25'04	0.61344 AU
inferior conj	-205 Jul 24 j 19:15	26°♋37'50	-4°-23'-26
minimum elong	-205 Jul 24 j 23:08	26°♋29'15	4°22'52
morning rise	-205 Aug 01 j 01:21	21°♋43'55	
direct	-205 Aug 03 j 11:38	21°♋19'37	
morning max el	-205 Aug 10 j 12:16	24°♋49'25	17°59'41
asc. node	-205 Aug 10 j 19:35	25°♋07'31	
	-205 Aug 14 j 19:02	0°♌	
morning set	-205 Aug 26 j 09:32	19°♌50'35	
	-205 Aug 31 j 22:48	0°♍	
superior conj	-205 Sep 05 j 17:36	8°♍31'23	1°23'35
minimum elong	-205 Sep 05 j 22:08	8°♍51'15	1°23'09
max. Earth dist.	-205 Sep 13 j 06:05	21°♍20'27	1.42201 AU
	-205 Sep 18 j 13:52	0°♎	
evening rise	-205 Sep 19 j 13:12	1°♎32'51	
desc. node	-205 Sep 19 j 14:34	1°♎38'15	
	-205 Oct 08 j 13:17	0°♏	
greatest brilliancy	-205 Oct 17 j 08:01	11°♏37'56	-0.3m
evening max el	-205 Oct 22 j 01:21	16°♏57'21	22°12'31
retrograde	-205 Oct 31 j 12:20	22°♏34'47	
evening set	-205 Nov 04 j 22:43	20°♏49'26	
asc. node	-205 Nov 06 j 18:47	19°♏03'36	
inferior conj	-205 Nov 10 j 08:03	14°♏28'55	1°12'04
minimum elong	-205 Nov 10 j 06:27	14°♏34'26	1°11'25
min. Earth dist.	-205 Nov 10 j 08:00	14°♏29'05	0.67635 AU
morning rise	-205 Nov 15 j 14:00	8°♏14'26	
direct	-205 Nov 20 j 05:58	6°♏19'08	
morning max el	-205 Nov 29 j 20:15	12°♏00'14	22°28'44
greatest brilliancy	-205 Dec 04 j 11:13	17°♏11'16	-0.3m
	-205 Dec 14 j 02:30	0°♐	
desc. node	-205 Dec 16 j 13:48	3°♐32'16	
morning set	-204 Jan 02 j 11:01	29°♐30'53	
	-204 Jan 02 j 18:09	0°♑	
max. Earth dist.	-204 Jan 07 j 16:19	8°♑11'31	1.40568 AU
superior conj	-204 Jan 15 j 11:48	21°♑50'26	-2°00'-22
minimum elong	-204 Jan 15 j 13:16	21°♑57'02	2°00'21
	-204 Jan 19 j 22:54	0°♒	
evening rise	-204 Jan 25 j 13:43	10°♒32'01	
asc. node	-204 Feb 02 j 18:05	25°♒25'36	
	-204 Feb 05 j 14:45	0°♓	
evening max el	-204 Feb 10 j 18:39	6°♓28'16	18°20'32
retrograde	-204 Feb 18 j 00:22	10°♓03'25	
evening set	-204 Feb 20 j 11:55	9°♓39'14	
inferior conj	-204 Feb 27 j 17:03	5°♓00'08	3°24'43
minimum elong	-204 Feb 27 j 20:14	4°♓53'24	3°24'12
min. Earth dist.	-204 Mar 02 j 03:17	2°♓08'32	0.59239 AU
	-204 Mar 05 j 02:49	30°℞♒	
morning rise	-204 Mar 06 j 00:57	29°♒27'17	
direct	-204 Mar 12 j 09:25	27°♒39'31	
desc. node	-204 Mar 13 j 12:56	27°♒42'58	
	-204 Mar 19 j 22:52	0°♓	
morning max el	-204 Mar 26 j 16:51	5°♓21'53	27°06'18
	-204 Apr 13 j 22:14	0°♈	
morning set	-204 Apr 26 j 05:07	23°♈13'34	
	-204 Apr 29 j 09:40	0°♉	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-204 Apr 30 j 17:23	2°♉51'53	
superior conj	-204 May 03 j 08:13	8°♉35'53	0°27'25
minimum elong	-204 May 03 j 07:01	8°♉29'20	0°27'09
max. Earth dist.	-204 May 03 j 00:58	7°♉56'05	1.32339 AU
evening rise	-204 May 10 j 06:59	23°♉39'03	
	-204 May 13 j 09:00	0°♊	
	-204 May 31 j 07:23	0°♋	
evening max el	-204 Jun 08 j 00:54	8°♋49'04	26°12'44
desc. node	-204 Jun 09 j 12:14	10°♋09'51	
retrograde	-204 Jun 22 j 01:44	16°♋02'24	
evening set	-204 Jun 28 j 10:21	14°♋22'56	
min. Earth dist.	-204 Jul 02 j 13:48	11°♋45'22	0.59290 AU
inferior conj	-204 Jul 05 j 21:52	9°♋12'26	-4°-43'-15
minimum elong	-204 Jul 05 j 22:55	9°♋10'26	4°43'14
morning rise	-204 Jul 13 j 14:57	4°♋41'12	
direct	-204 Jul 16 j 02:09	4°♋20'07	
morning max el	-204 Jul 23 j 21:18	8°♋04'28	18°25'40
asc. node	-204 Jul 27 j 16:38	12°♋28'37	
	-204 Aug 07 j 01:18	0°♌	
morning set	-204 Aug 08 j 22:33	3°♌35'51	
superior conj	-204 Aug 18 j 01:52	20°♌55'52	1°40'47
minimum elong	-204 Aug 18 j 04:25	21°♌07'40	1°40'37
	-204 Aug 23 j 02:14	0°♍	
max. Earth dist.	-204 Aug 25 j 12:05	4°♍12'52	1.40293 AU
evening rise	-204 Aug 29 j 23:59	11°♍49'50	
desc. node	-204 Sep 05 j 11:36	22°♍17'41	
	-204 Sep 10 j 11:53	0°♎	
	-204 Oct 03 j 04:14	0°♏	
evening max el	-204 Oct 03 j 15:45	0°♏29'07	23°32'28
retrograde	-204 Oct 14 j 05:18	6°♏43'20	
evening set	-204 Oct 19 j 05:20	4°♏39'43	
	-204 Oct 23 j 08:31	30°℞♎	
asc. node	-204 Oct 23 j 15:50	29°♎35'21	
min. Earth dist.	-204 Oct 24 j 04:36	28°♎51'57	0.67616 AU
inferior conj	-204 Oct 24 j 15:04	28°♎16'09	0°20'02
minimum elong	-204 Oct 24 j 14:36	28°♎17'47	0°19'49
morning rise	-204 Oct 29 j 23:58	22°♎05'37	
direct	-204 Nov 03 j 01:45	20°♎32'38	
morning max el	-204 Nov 11 j 12:47	25°♎29'02	21°07'07
	-204 Nov 15 j 13:02	0°♏	
greatest brilliancy	-204 Nov 16 j 23:31	1°♏47'39	-0.5m
desc. node	-204 Dec 02 j 10:51	23°♏43'41	
	-204 Dec 06 j 14:08	0°♐	
morning set	-204 Dec 11 j 19:50	8°♐06'44	
max. Earth dist.	-204 Dec 19 j 19:35	20°♐53'30	1.42509 AU
	-204 Dec 25 j 07:12	0°♑	
superior conj	-204 Dec 26 j 22:53	2°♑48'21	-1°-59'-8
minimum elong	-204 Dec 26 j 20:15	2°♑37'04	1°59'04
evening rise	-203 Jan 07 j 11:34	23°♑06'01	
	-203 Jan 11 j 07:50	0°♒	
asc. node	-203 Jan 19 j 15:08	13°♒48'29	
evening max el	-203 Jan 24 j 05:16	19°♒30'17	18°07'52
retrograde	-203 Jan 30 j 21:02	22°♒55'40	
evening set	-203 Feb 02 j 12:50	22°♒22'58	
inferior conj	-203 Feb 09 j 03:55	17°♒22'00	3°48'26
minimum elong	-203 Feb 09 j 04:51	17°♒19'45	3°48'24
min. Earth dist.	-203 Feb 12 j 06:19	14°♒22'42	0.61337 AU
morning rise	-203 Feb 15 j 18:15	11°♒31'43	
direct	-203 Feb 22 j 15:26	9°♒10'02	
desc. node	-203 Feb 28 j 09:59	10°♒39'04	
morning max el	-203 Mar 08 j 18:50	16°♒59'43	27°42'52
	-203 Mar 19 j 13:41	0°♓	
	-203 Apr 06 j 12:38	0°♈	
morning set	-203 Apr 10 j 10:44	7°♈49'36	
max. Earth dist.	-203 Apr 16 j 12:34	20°♈42'23	1.32494 AU
superior conj	-203 Apr 17 j 19:05	23°♈28'29	0°02'04
minimum elong	-203 Apr 17 j 18:59	23°♈27'58	0°02'02
behind sun begin	-203 Apr 17 j 13:56	23°♈00'25	
behind sun end	-203 Apr 18 j 00:02	23°♈55'32	
asc. node	-203 Apr 17 j 14:26	23°♈03'08	
	-203 Apr 20 j 18:44	0°♉	
evening rise	-203 Apr 24 j 18:13	8°♉34'04	
	-203 May 05 j 22:14	0°♊	
evening max el	-203 May 20 j 18:09	19°♊49'52	24°53'14
desc. node	-203 May 27 j 09:14	24°♊52'11	
retrograde	-203 Jun 03 j 17:40	26°♊55'30	
evening set	-203 Jun 08 j 21:43	25°♊54'37	
min. Earth dist.	-203 Jun 14 j 05:39	23°♊05'04	0.57336 AU
inferior conj	-203 Jun 17 j 05:07	21°♊06'48	-4°-33'-2
minimum elong	-203 Jun 17 j 01:36	21°♊12'41	4°32'41
morning rise	-203 Jun 25 j 09:20	16°♊57'18	
direct	-203 Jun 27 j 22:55	16°♊38'23	
morning max el	-203 Jul 06 j 22:30	20°♊49'42	19°12'27
	-203 Jul 14 j 03:29	0°♋	
asc. node	-203 Jul 14 j 13:41	0°♋40'36	
morning set	-203 Jul 23 j 20:58	17°♋49'32	
	-203 Jul 29 j 23:59	0°♌	
superior conj	-203 Aug 01 j 04:05	4°♌14'38	1°47'07
minimum elong	-203 Aug 01 j 04:31	4°♌16'43	1°47'06
max. Earth dist.	-203 Aug 07 j 15:19	16°♌25'06	1.38275 AU
evening rise	-203 Aug 11 j 11:39	23°♌17'11	
	-203 Aug 15 j 09:46	0°♍	
desc. node	-203 Aug 23 j 08:38	12°♍47'03	
	-203 Sep 04 j 07:10	0°♎	
evening max el	-203 Sep 16 j 03:37	14°♎03'45	24°50'56
retrograde	-203 Sep 27 j 18:17	20°♎49'04	
evening set	-203 Oct 03 j 09:03	18°♎27'43	
min. Earth dist.	-203 Oct 07 j 23:31	13°♎14'36	0.67275 AU
inferior conj	-203 Oct 08 j 20:34	12°♎04'58	0°-34'-46
minimum elong	-203 Oct 08 j 21:25	12°♎02'07	0°34'25
asc. node	-203 Oct 10 j 12:54	9°♎54'24	
morning rise	-203 Oct 14 j 10:15	6°♎01'05	
direct	-203 Oct 17 j 23:33	4°♎48'17	
morning max el	-203 Oct 25 j 12:59	9°♎08'18	19°56'49
greatest brilliancy	-203 Nov 01 j 23:01	18°♎16'00	-0.6m
	-203 Nov 10 j 00:47	0°♏	
desc. node	-203 Nov 19 j 07:54	14°♏09'59	
morning set	-203 Nov 20 j 16:23	16°♏15'20	
	-203 Nov 29 j 11:36	0°♐	
max. Earth dist.	-203 Dec 02 j 06:29	4°♐25'24	1.44000 AU
superior conj	-203 Dec 07 j 07:14	12°♐31'27	-1°-41'-9
minimum elong	-203 Dec 07 j 00:01	12°♐02'06	1°40'35
	-203 Dec 17 j 19:27	0°♑	
evening rise	-203 Dec 20 j 15:22	4°♑49'29	
	-202 Jan 05 j 07:48	0°♒	
asc. node	-202 Jan 06 j 12:11	1°♒25'43	
evening max el	-202 Jan 07 j 17:44	2°♒45'33	18°14'27
retrograde	-202 Jan 14 j 05:30	6°♒14'23	
evening set	-202 Jan 17 j 01:33	5°♒32'20	
inferior conj	-202 Jan 23 j 05:58	0°♒10'54	3°48'36
minimum elong	-202 Jan 23 j 04:55	0°♒13'48	3°48'33
	-202 Jan 23 j 09:57	30°℞♑	
min. Earth dist.	-202 Jan 25 j 18:34	27°♑25'46	0.63278 AU
morning rise	-202 Jan 29 j 06:30	24°♑09'23	
direct	-202 Feb 05 j 06:01	21°♑25'31	
desc. node	-202 Feb 15 j 07:03	25°♑52'06	
morning max el	-202 Feb 19 j 02:01	29°♑17'09	27°42'26
	-202 Feb 19 j 18:59	0°♒	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-202 Mar 13 j 10:53	0°♓	
morning set	-202 Mar 25 j 10:05	22°♓03'16	
	-202 Mar 29 j 07:13	0°♈	
max. Earth dist.	-202 Mar 30 j 18:50	3°♈07'24	1.33031 AU
superior conj	-202 Apr 02 j 03:15	8°♈08'43	0°-24'-31
minimum elong	-202 Apr 02 j 04:26	8°♈15'01	0°24'17
asc. node	-202 Apr 04 j 11:29	13°♈12'07	
evening rise	-202 Apr 09 j 06:00	23°♈26'15	
	-202 Apr 12 j 10:15	0°♉	
	-202 May 01 j 22:12	0°♊	
evening max el	-202 May 02 j 08:36	0°♊25'26	23°19'28
desc. node	-202 May 14 j 06:15	7°♊04'43	
retrograde	-202 May 15 j 21:33	7°♊10'49	
evening set	-202 May 19 j 14:46	6°♊40'27	
min. Earth dist.	-202 May 26 j 18:38	3°♊24'46	0.55807 AU
inferior conj	-202 May 28 j 16:28	2°♊17'10	-3°-40'-45
minimum elong	-202 May 28 j 09:28	2°♊27'33	3°39'08
	-202 Jun 01 j 19:33	30°℞♉	
morning rise	-202 Jun 06 j 07:31	28°♉22'02	
direct	-202 Jun 09 j 00:22	28°♉04'15	
	-202 Jun 15 j 15:58	0°♊	
morning max el	-202 Jun 19 j 13:31	2°♊57'00	20°20'07
asc. node	-202 Jul 01 j 10:44	19°♊31'44	
	-202 Jul 06 j 21:26	0°♋	
morning set	-202 Jul 08 j 01:53	2°♋24'02	
superior conj	-202 Jul 15 j 19:13	18°♋13'26	1°44'48
minimum elong	-202 Jul 15 j 18:02	18°♋07'23	1°44'45
max. Earth dist.	-202 Jul 20 j 20:53	28°♋14'42	1.36394 AU
	-202 Jul 21 j 18:51	0°♌	
evening rise	-202 Jul 24 j 21:26	5°♌49'11	
	-202 Aug 08 j 05:55	0°♍	
desc. node	-202 Aug 10 j 05:38	3°♍01'01	
evening max el	-202 Aug 29 j 15:00	27°♍40'10	26°00'30
	-202 Sep 01 j 04:17	0°♎	
retrograde	-202 Sep 11 j 02:45	4°♎47'05	
evening set	-202 Sep 17 j 08:01	2°♎11'10	
	-202 Sep 19 j 13:19	30°℞♍	
min. Earth dist.	-202 Sep 21 j 14:25	27°♍34'37	0.66601 AU
inferior conj	-202 Sep 22 j 22:43	25°♍53'14	-1°-30'-46
minimum elong	-202 Sep 23 j 01:01	25°♍46'02	1°29'51
asc. node	-202 Sep 27 j 09:56	20°♍58'02	
morning rise	-202 Sep 28 j 18:55	19°♍58'51	
direct	-202 Oct 01 j 21:52	19°♍02'49	
morning max el	-202 Oct 08 j 20:23	22°♍56'20	19°00'57
	-202 Oct 14 j 14:29	0°♎	
morning set	-202 Oct 31 j 01:22	25°♎07'42	
	-202 Nov 03 j 03:51	0°♏	
desc. node	-202 Nov 06 j 04:58	4°♏46'51	
max. Earth dist.	-202 Nov 14 j 22:31	18°♏29'32	1.44856 AU
superior conj	-202 Nov 16 j 15:54	21°♏12'36	-1°-5'-3
minimum elong	-202 Nov 16 j 08:16	20°♏42'30	1°04'10
	-202 Nov 22 j 04:54	0°♐	
evening rise	-202 Dec 01 j 21:01	15°♐35'47	
	-202 Dec 10 j 17:36	0°♑	
evening max el	-202 Dec 22 j 05:28	16°♑08'51	18°39'26
asc. node	-202 Dec 24 j 09:13	18°♑04'45	
retrograde	-202 Dec 28 j 21:29	19°♑52'03	
evening set	-202 Dec 31 j 22:43	18°♑59'26	
inferior conj	-201 Jan 06 j 19:20	13°♑19'48	3°31'52
minimum elong	-201 Jan 06 j 17:03	13°♑26'42	3°31'30
min. Earth dist.	-201 Jan 08 j 16:40	11°♑03'46	0.64904 AU
morning rise	-201 Jan 12 j 10:10	7°♑11'11	
direct	-201 Jan 19 j 03:53	4°♑19'52	
morning max el	-201 Feb 01 j 11:33	12°♑04'37	27°07'43
desc. node	-201 Feb 02 j 04:07	12°♑46'42	
	-201 Feb 15 j 20:19	0°♒	
	-201 Mar 05 j 23:30	0°♓	
morning set	-201 Mar 09 j 00:10	5°♓45'04	
max. Earth dist.	-201 Mar 13 j 15:47	14°♓59'51	1.33995 AU
superior conj	-201 Mar 17 j 06:48	22°♓30'23	0°-51'-15
minimum elong	-201 Mar 17 j 09:15	22°♓43'13	0°50'48
	-201 Mar 20 j 19:49	0°♈	
asc. node	-201 Mar 22 j 08:32	3°♈14'40	
evening rise	-201 Mar 24 j 16:33	8°♈09'27	
	-201 Apr 05 j 09:25	0°♉	
evening max el	-201 Apr 14 j 03:28	11°♉06'26	21°46'10
retrograde	-201 Apr 26 j 14:15	17°♉11'04	
evening set	-201 Apr 29 j 04:16	16°♉56'06	
desc. node	-201 May 01 j 03:16	16°♉26'05	
inferior conj	-201 May 08 j 13:33	12°♉53'08	-2°-4'-51
minimum elong	-201 May 08 j 07:56	13°♉01'01	2°03'00
min. Earth dist.	-201 May 08 j 07:35	13°♉01'30	0.55040 AU
morning rise	-201 May 17 j 12:34	8°♉56'33	
direct	-201 May 20 j 12:41	8°♉36'37	
morning max el	-201 Jun 01 j 17:27	14°♉21'30	21°46'25
	-201 Jun 13 j 11:38	0°♊	
asc. node	-201 Jun 18 j 07:47	8°♊52'01	
morning set	-201 Jun 22 j 10:57	17°♊12'23	
	-201 Jun 28 j 12:50	0°♋	
superior conj	-201 Jun 29 j 19:19	2°♋39'53	1°35'44
minimum elong	-201 Jun 29 j 17:09	2°♋28'36	1°35'33
max. Earth dist.	-201 Jul 03 j 10:21	10°♋08'37	1.34830 AU
evening rise	-201 Jul 08 j 00:24	19°♋12'28	
	-201 Jul 13 j 20:29	0°♌	
desc. node	-201 Jul 28 j 02:38	22°♌52'02	
	-201 Aug 02 j 07:47	0°♍	
evening max el	-201 Aug 12 j 02:51	11°♍12'25	26°53'24
retrograde	-201 Aug 25 j 05:59	18°♍29'54	
evening set	-201 Aug 31 j 23:57	15°♍45'50	
min. Earth dist.	-201 Sep 04 j 22:57	11°♍46'48	0.65579 AU
inferior conj	-201 Sep 06 j 19:31	9°♍36'50	-2°-26'-6
minimum elong	-201 Sep 06 j 23:10	9°♍26'12	2°24'48
morning rise	-201 Sep 12 j 23:45	3°♍55'00	
asc. node	-201 Sep 14 j 06:59	3°♍24'16	
direct	-201 Sep 15 j 18:48	3°♍11'55	
morning max el	-201 Sep 22 j 09:00	6°♍48'01	18°21'07
	-201 Oct 08 j 06:34	0°♎	
morning set	-201 Oct 11 j 13:29	5°♎21'34	
desc. node	-201 Oct 24 j 01:59	25°♎29'52	
superior conj	-201 Oct 26 j 16:31	29°♎37'11	0°-17'-2
minimum elong	-201 Oct 26 j 14:17	29°♎28'21	0°16'46
	-201 Oct 26 j 22:18	0°♏	
max. Earth dist.	-201 Oct 28 j 16:54	2°♏47'47	1.44988 AU
evening rise	-201 Nov 12 j 02:47	25°♏23'08	
	-201 Nov 15 j 01:26	0°♐	
greatest brilliancy	-201 Nov 26 j 08:45	17°♐27'41	-0.7m
evening max el	-201 Dec 05 j 14:11	29°♐36'03	19°21'38
	-201 Dec 05 j 23:38	0°♑	
asc. node	-201 Dec 11 j 06:15	3°♑30'43	
retrograde	-201 Dec 12 j 17:33	3°♑42'47	
evening set	-201 Dec 16 j 01:35	2°♑37'53	
	-201 Dec 19 j 00:10	30°℞♐	
inferior conj	-201 Dec 21 j 16:43	26°♐42'42	3°02'57
minimum elong	-201 Dec 21 j 13:56	26°♐51'42	3°02'14
min. Earth dist.	-201 Dec 22 j 23:28	25°♐03'42	0.66145 AU
morning rise	-201 Dec 27 j 01:29	20°♐29'46	
direct	-200 Jan 02 j 07:54	17°♐44'35	
morning max el	-200 Jan 14 j 20:55	25°♐09'32	26°05'56

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-200 Jan 19 j 07:06	0°♉	
desc. node	-200 Jan 20 j 01:11	0°♉53'36	
	-200 Feb 09 j 07:47	0°♒	
morning set	-200 Feb 20 j 00:58	18°♒42'50	
max. Earth dist.	-200 Feb 24 j 00:57	26°♒18'28	1.35418 AU
	-200 Feb 25 j 22:12	0°♓	
superior conj	-200 Feb 29 j 03:19	6°♓26'36	-1°-16'-43
minimum elong	-200 Feb 29 j 06:47	6°♓44'14	1°16'11
evening rise	-200 Mar 07 j 23:55	22°♓37'43	
asc. node	-200 Mar 08 j 05:33	23°♓06'33	
	-200 Mar 11 j 16:00	0°♈	
evening max el	-200 Mar 26 j 08:18	22°♈17'27	20°24'37
retrograde	-200 Apr 06 j 03:38	27°♈28'59	
evening set	-200 Apr 08 j 07:04	27°♈17'36	
inferior conj	-200 Apr 17 j 08:58	23°♈20'02	0°-6'-11
minimum elong	-200 Apr 17 j 08:41	23°♈20'27	0°06'05
transit middle	-200 Apr 17 j 08:41	23°♈20'27	0°06'05
transit begin	-200 Apr 17 j 04:57	23°♈25'55	
transit end	-200 Apr 17 j 12:25	23°♈15'00	
desc. node	-200 Apr 17 j 00:18	23°♈32'41	
min. Earth dist.	-200 Apr 18 j 21:15	22°♈27'06	0.55225 AU
morning rise	-200 Apr 26 j 08:14	19°♈03'38	
direct	-200 Apr 30 j 00:59	18°♈33'56	
morning max el	-200 May 13 j 12:12	25°♈08'56	23°25'05
	-200 May 18 j 00:12	0°♉	
asc. node	-200 Jun 04 j 04:50	28°♉33'50	
	-200 Jun 04 j 21:34	0°♊	
morning set	-200 Jun 05 j 22:21	2°♊09'15	
superior conj	-200 Jun 13 j 01:25	17°♊24'58	1°21'23
minimum elong	-200 Jun 12 j 22:55	17°♊11'34	1°21'04
max. Earth dist.	-200 Jun 15 j 09:42	22°♊24'37	1.33652 AU
	-200 Jun 19 j 01:27	0°♋	
evening rise	-200 Jun 20 j 16:00	3°♋14'08	
	-200 Jul 05 j 15:44	0°♌	
desc. node	-200 Jul 13 j 23:37	12°♌10'26	
evening max el	-200 Jul 24 j 14:22	24°♌30'22	27°22'06
	-200 Jul 31 j 18:58	0°♍	
retrograde	-200 Aug 07 j 03:22	1°♍49'52	
	-200 Aug 12 j 23:51	30°℞♌	
evening set	-200 Aug 14 j 06:04	29°♌07'18	
min. Earth dist.	-200 Aug 17 j 22:56	25°♌44'04	0.64200 AU
inferior conj	-200 Aug 20 j 08:36	23°♌11'07	-3°-18'-11
minimum elong	-200 Aug 20 j 13:10	22°♌58'57	3°16'50
morning rise	-200 Aug 26 j 22:10	17°♌45'15	
direct	-200 Aug 29 j 11:54	17°♌11'35	
asc. node	-200 Aug 31 j 04:03	17°♌25'58	
morning max el	-200 Sep 05 j 00:20	20°♌38'23	17°58'24
	-200 Sep 12 j 01:47	0°♍	
morning set	-200 Sep 22 j 05:08	16°♍55'31	
	-200 Sep 29 j 23:02	0°♎	
superior conj	-200 Oct 05 j 07:01	8°♎45'46	0°30'32
minimum elong	-200 Oct 05 j 10:22	8°♎59'22	0°30'05
desc. node	-200 Oct 09 j 22:59	16°♎15'54	
max. Earth dist.	-200 Oct 10 j 10:52	17°♎03'13	1.44393 AU
	-200 Oct 18 j 16:51	0°♏	
evening rise	-200 Oct 21 j 14:01	4°♏27'19	
	-200 Nov 07 j 13:43	0°♐	
greatest brilliancy	-200 Nov 11 j 07:42	5°♐14'32	-0.6m
evening max el	-200 Nov 17 j 18:03	13°♐04'10	20°18'59
retrograde	-200 Nov 25 j 15:07	17°♐42'15	
asc. node	-200 Nov 27 j 03:17	17°♐29'18	
evening set	-200 Nov 29 j 07:50	16°♐22'59	
inferior conj	-200 Dec 04 j 19:26	10°♐15'09	2°24'59
minimum elong	-200 Dec 04 j 16:45	10°♐24'13	2°24'06
min. Earth dist.	-200 Dec 05 j 13:05	9°♐15'39	0.67001 AU
morning rise	-200 Dec 10 j 01:08	4°♐00'04	
direct	-200 Dec 15 j 17:10	1°♐30'47	
morning max el	-200 Dec 27 j 05:18	8°♐22'02	24°46'20
desc. node	-199 Jan 05 j 22:13	19°♐51'11	
	-199 Jan 13 j 05:24	0°♑	
	-199 Jan 31 j 21:53	0°♒	
morning set	-199 Feb 01 j 07:00	0°♒40'11	
max. Earth dist.	-199 Feb 04 j 23:58	7°♒20'59	1.37259 AU
superior conj	-199 Feb 11 j 13:36	19°♒47'27	-1°-38'-57
minimum elong	-199 Feb 11 j 17:26	20°♒06'06	1°38'32
	-199 Feb 16 j 17:17	0°♓	
evening rise	-199 Feb 20 j 01:51	6°♓43'31	
asc. node	-199 Feb 23 j 02:36	12°♓42'05	
	-199 Mar 05 j 09:55	0°♈	
evening max el	-199 Mar 09 j 00:13	4°♈05'32	19°20'42
retrograde	-199 Mar 18 j 03:04	8°♈28'24	
evening set	-199 Mar 20 j 07:25	8°♈14'27	
inferior conj	-199 Mar 28 j 16:31	4°♈06'12	1°41'41
minimum elong	-199 Mar 28 j 20:18	3°♈59'57	1°40'29
min. Earth dist.	-199 Mar 31 j 11:57	2°♈15'31	0.56316 AU
desc. node	-199 Apr 03 j 21:21	0°♈18'09	
	-199 Apr 04 j 12:26	30°℞♓	
morning rise	-199 Apr 06 j 05:20	29°♓18'05	
direct	-199 Apr 10 j 23:15	28°♓26'35	
	-199 Apr 17 j 08:46	0°♈	
morning max el	-199 Apr 25 j 02:50	5°♈38'34	25°04'39
	-199 May 12 j 16:14	0°♉	
morning set	-199 May 21 j 10:21	17°♉08'04	
asc. node	-199 May 22 j 01:53	18°♉30'04	
	-199 May 27 j 09:29	0°♊	
superior conj	-199 May 28 j 11:13	2°♊20'17	1°02'54
minimum elong	-199 May 28 j 08:54	2°♊07'39	1°02'30
max. Earth dist.	-199 May 29 j 16:58	5°♊02'06	1.32854 AU
evening rise	-199 Jun 04 j 16:27	17°♊41'45	
	-199 Jun 10 j 23:16	0°♋	
	-199 Jun 30 j 06:46	0°♌	
desc. node	-199 Jun 30 j 20:38	0°♌42'18	
evening max el	-199 Jul 06 j 23:12	7°♌20'06	27°20'49
retrograde	-199 Jul 20 j 18:17	14°♌38'02	
evening set	-199 Jul 27 j 22:46	12°♌09'26	
min. Earth dist.	-199 Jul 31 j 12:42	9°♌15'28	0.62471 AU
inferior conj	-199 Aug 03 j 11:01	6°♌29'14	-4°-3'-7
minimum elong	-199 Aug 03 j 15:36	6°♌18'21	4°02'10
morning rise	-199 Aug 10 j 10:56	1°♌22'54	
direct	-199 Aug 12 j 21:53	0°♌55'45	
asc. node	-199 Aug 18 j 01:06	2°♌56'49	
morning max el	-199 Aug 19 j 15:38	4°♌21'32	17°53'49
morning set	-199 Sep 04 j 18:51	29°♌32'52	
	-199 Sep 05 j 00:54	0°♍	
superior conj	-199 Sep 15 j 23:58	19°♍13'30	1°07'59
minimum elong	-199 Sep 16 j 05:01	19°♍34'54	1°07'25
	-199 Sep 22 j 11:13	0°♎	
max. Earth dist.	-199 Sep 23 j 01:31	0°♎58'14	1.43146 AU
desc. node	-199 Sep 26 j 19:59	7°♎02'08	
evening rise	-199 Sep 30 j 21:36	13°♎26'32	
	-199 Oct 11 j 19:05	0°♏	
greatest brilliancy	-199 Oct 26 j 15:45	20°♏45'50	-0.4m
evening max el	-199 Oct 31 j 16:09	26°♏32'31	21°28'33
	-199 Nov 04 j 15:47	0°♐	
retrograde	-199 Nov 09 j 12:09	1°♐47'39	
evening set	-199 Nov 13 j 15:35	0°♐12'06	
	-199 Nov 13 j 21:37	30°℞♏	
asc. node	-199 Nov 14 j 00:20	29°♏54'21	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-199 Nov 19 j 01:17	23♏55'01	1°40'13	
minimum elong	-199 Nov 18 j 23:11	24♏02'16	1°39'25	
min. Earth dist.	-199 Nov 19 j 07:19	23♏34'11	0.67496 AU	
morning rise	-199 Nov 24 j 06:31	17♏39'45		
direct	-199 Nov 29 j 07:06	15♏31'41		
morning max el	-199 Dec 09 j 14:25	21♏39'31	23°18'58	
greatest brilliancy	-199 Dec 14 j 20:34	27♏34'06	-0.2m	
	-199 Dec 16 j 19:22	0♐		
desc. node	-199 Dec 23 j 19:15	9♐24'59		
	-198 Jan 06 j 12:53	0♑		
morning set	-198 Jan 13 j 12:05	11♑21'23		
max. Earth dist.	-198 Jan 17 j 19:21	18♑42'33	1.39350 AU	
	-198 Jan 24 j 02:47	0♒		
superior conj	-198 Jan 25 j 09:38	2♒22'31	-1°-55'-10	
minimum elong	-198 Jan 25 j 12:31	2♒35'55	1°55'02	
evening rise	-198 Feb 03 j 19:38	20♒19'56		
	-198 Feb 08 j 22:10	0♓		
asc. node	-198 Feb 09 j 23:39	1♓55'31		
evening max el	-198 Feb 20 j 01:40	16♓28'28	18°36'39	
retrograde	-198 Feb 27 j 20:45	20♓16'44		
evening set	-198 Mar 02 j 05:29	19♓56'57		
inferior conj	-198 Mar 09 j 20:11	15♓29'51	2°57'15	
minimum elong	-198 Mar 10 j 00:20	15♓21'50	2°56'19	
min. Earth dist.	-198 Mar 13 j 05:31	12♓54'15	0.58065 AU	
morning rise	-198 Mar 17 j 15:08	10♓10'35		
desc. node	-198 Mar 21 j 18:25	8♓52'22		
direct	-198 Mar 23 j 11:10	8♓45'04		
morning max el	-198 Apr 06 j 19:37	16♓19'51	26°29'38	
	-198 Apr 17 j 23:25	0♈		
	-198 May 04 j 21:39	0♉		
morning set	-198 May 05 j 21:19	2♉03'14		
asc. node	-198 May 08 j 22:56	8♉35'45		
superior conj	-198 May 12 j 22:46	17♉19'25	0°41'08	
minimum elong	-198 May 12 j 21:04	17♉10'03	0°40'47	
max. Earth dist.	-198 May 13 j 04:49	17♉52'39	1.32424 AU	
	-198 May 18 j 19:05	0♊		
evening rise	-198 May 19 j 22:51	2♊26'04		
	-198 Jun 03 j 21:50	0♋		
desc. node	-198 Jun 17 j 17:40	18♋07'58		
evening max el	-198 Jun 19 j 02:41	19♋29'20	26°46'34	
retrograde	-198 Jul 03 j 01:58	26♋45'16		
evening set	-198 Jul 09 j 21:37	24♋44'20		
min. Earth dist.	-198 Jul 13 j 16:15	22♋06'06	0.60480 AU	
inferior conj	-198 Jul 16 j 23:22	19♋22'17	-4°-34'-44	
minimum elong	-198 Jul 17 j 02:18	19♋16'08	4°34'26	
morning rise	-198 Jul 24 j 10:10	14♋38'14		
direct	-198 Jul 26 j 20:39	14♋15'28		
morning max el	-198 Aug 03 j 03:55	17♋49'44	18°08'20	
asc. node	-198 Aug 04 j 22:10	19♋42'11		
	-198 Aug 11 j 21:54	0♌		
morning set	-198 Aug 19 j 00:44	12♌56'51		
	-198 Aug 28 j 06:05	0♍		
superior conj	-198 Aug 28 j 19:23	0♍59'45	1°32'21	
minimum elong	-198 Aug 28 j 23:10	1♍16'43	1°32'02	
max. Earth dist.	-198 Sep 05 j 10:23	14♍15'00	1.41413 AU	
evening rise	-198 Sep 10 j 19:07	23♍05'47		
desc. node	-198 Sep 13 j 17:00	27♍44'58		
	-198 Sep 15 j 03:20	0♎		
	-198 Oct 05 j 20:33	0♏		
greatest brilliancy	-198 Oct 09 j 09:10	4♏26'38	-0.3m	
evening max el	-198 Oct 14 j 08:42	10♏01'31	22°46'16	
retrograde	-198 Oct 24 j 07:04	15♏55'35		
evening set	-198 Oct 28 j 23:04	14♏02'20		
asc. node	-198 Oct 31 j 21:24	10♏57'06		

inferior conj	-198 Nov 03 j 08:23	7♏39'46	0°50'23	
minimum elong	-198 Nov 03 j 07:14	7♏43'45	0°49'55	
min. Earth dist.	-198 Nov 03 j 03:48	7♏55'37	0.67659 AU	
morning rise	-198 Nov 08 j 15:21	1♏26'40		
	-198 Nov 11 j 03:45	30°℞♎		
direct	-198 Nov 13 j 00:59	29°♎41'14		
	-198 Nov 15 j 00:18	0♏		
morning max el	-198 Nov 22 j 03:23	5♏03'03	21°52'58	
greatest brilliancy	-198 Nov 26 j 22:47	10♏29'38	-0.4m	
desc. node	-198 Dec 10 j 16:17	29♏24'21		
	-198 Dec 11 j 01:57	0♐		
morning set	-198 Dec 24 j 11:56	20♐37'49		
	-198 Dec 30 j 05:58	0♑		
max. Earth dist.	-198 Dec 30 j 17:53	0♑49'35	1.41427 AU	
superior conj	-197 Jan 07 j 10:13	13♑58'32	-2°-1'-38	
minimum elong	-197 Jan 07 j 10:10	13♑58'20	2°01'39	
	-197 Jan 16 j 06:54	0♒		
evening rise	-197 Jan 18 j 01:50	3♒18'23		
asc. node	-197 Jan 27 j 20:42	20♒39'07		
evening max el	-197 Feb 03 j 09:48	29♒18'15	18°12'46	
	-197 Feb 04 j 03:42	0♓		
retrograde	-197 Feb 10 j 08:29	2♓47'47		
evening set	-197 Feb 12 j 21:44	2♓20'15		
	-197 Feb 16 j 22:31	30°℞♒		
inferior conj	-197 Feb 19 j 20:29	27♒31'56	3°38'07	
minimum elong	-197 Feb 19 j 22:44	27♒26'51	3°37'52	
min. Earth dist.	-197 Feb 23 j 04:31	24♒33'46	0.60129 AU	
morning rise	-197 Feb 26 j 20:29	21♒50'21		
direct	-197 Mar 05 j 11:33	19♒47'00		
desc. node	-197 Mar 08 j 15:28	20♒13'39		
morning max el	-197 Mar 19 j 18:03	27♒34'11	27°26'21	
	-197 Mar 22 j 02:18	0♓		
	-197 Apr 11 j 13:49	0♈		
morning set	-197 Apr 20 j 05:28	16♈48'36		
asc. node	-197 Apr 25 j 19:59	28♈46'30		
	-197 Apr 26 j 09:27	0♉		
max. Earth dist.	-197 Apr 26 j 17:29	0♉43'58	1.32354 AU	
superior conj	-197 Apr 27 j 10:23	2♉16'34	0°16'53	
minimum elong	-197 Apr 27 j 09:38	2♉12'25	0°16'42	
evening rise	-197 May 04 j 08:55	17♉19'27		
	-197 May 10 j 16:08	0♊		
	-197 May 31 j 01:23	0♋		
evening max el	-197 May 31 j 23:26	0♋54'02	25°41'33	
desc. node	-197 Jun 04 j 14:42	4♋00'25		
retrograde	-197 Jun 15 j 00:48	8♋05'54		
evening set	-197 Jun 20 j 22:30	6♋42'55		
min. Earth dist.	-197 Jun 25 j 11:45	4♋02'09	0.58425 AU	
inferior conj	-197 Jun 28 j 18:07	1♋41'18	-4°-43'-23	
minimum elong	-197 Jun 28 j 17:21	1♋42'43	4°43'23	
	-197 Jul 01 j 04:07	30°℞♊		
morning rise	-197 Jul 06 j 15:59	27♊19'57		
direct	-197 Jul 09 j 03:52	27♊00'03		
	-197 Jul 16 j 09:36	0♋		
morning max el	-197 Jul 17 j 10:07	0♋54'22	18°42'59	
asc. node	-197 Jul 22 j 19:13	7♋27'03		
morning set	-197 Aug 02 j 18:13	26♋55'38		
	-197 Aug 04 j 08:01	0♌		
superior conj	-197 Aug 11 j 12:03	13♌49'56	1°44'39	
minimum elong	-197 Aug 11 j 13:40	13♌57'34	1°44'35	
max. Earth dist.	-197 Aug 18 j 14:12	26♌47'25	1.39430 AU	
	-197 Aug 20 j 10:13	0♍		
evening rise	-197 Aug 22 j 16:38	3♍53'20		
desc. node	-197 Aug 31 j 14:03	18♍20'52		
	-197 Sep 08 j 07:56	0♎		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-197 Sep 26 j 21:39	23°♎34'12	24°06'26	
	-197 Oct 07 j 01:28	0°♏		
retrograde	-197 Oct 07 j 22:33	0°♏03'17		
	-197 Oct 08 j 19:12	30°℞♎		
evening set	-197 Oct 13 j 04:40	27°♎52'05		
min. Earth dist.	-197 Oct 18 j 00:05	22°♎18'31	0.67509 AU	
inferior conj	-197 Oct 18 j 14:59	21°♎28'08	0°-2'-58	
minimum elong	-197 Oct 18 j 15:03	21°♎27'54	0°02'57	
transit middle	-197 Oct 18 j 15:03	21°♎27'54	0°02'57	
transit begin	-197 Oct 18 j 12:22	21°♎36'59		
transit end	-197 Oct 18 j 17:44	21°♎18'50		
asc. node	-197 Oct 18 j 18:27	21°♎16'26		
morning rise	-197 Oct 24 j 01:40	15°♎19'49		
direct	-197 Oct 27 j 21:50	13°♎55'49		
morning max el	-197 Nov 04 j 23:02	18°♎36'00	20°35'29	
greatest brilliancy	-197 Nov 11 j 02:56	25°♎54'17	-0.5m	
	-197 Nov 14 j 03:29	0°♏		
desc. node	-197 Nov 27 j 13:20	19°♏42'25		
morning set	-197 Dec 03 j 12:34	28°♏52'40		
	-197 Dec 04 j 05:53	0°♐		
max. Earth dist.	-197 Dec 12 j 23:47	13°♐51'16	1.43209 AU	
superior conj	-197 Dec 19 j 10:08	24°♐24'26	-1°-53'-45	
minimum elong	-197 Dec 19 j 05:23	24°♐04'37	1°53'31	
	-197 Dec 22 j 17:52	0°♑		
evening rise	-197 Dec 31 j 16:28	15°♑31'01		
	-196 Jan 09 j 00:29	0°♒		
asc. node	-196 Jan 14 j 17:45	8°♒43'45		
evening max el	-196 Jan 17 j 21:32	12°♒26'30	18°08'27	
retrograde	-196 Jan 24 j 10:29	15°♒51'42		
evening set	-196 Jan 27 j 04:03	15°♒15'11		
inferior conj	-196 Feb 02 j 14:14	10°♒05'38	3°50'56	
minimum elong	-196 Feb 02 j 14:15	10°♒05'37	3°50'57	
min. Earth dist.	-196 Feb 05 j 11:21	7°♒09'43	0.62191 AU	
morning rise	-196 Feb 08 j 22:11	4°♒10'02		
direct	-196 Feb 15 j 21:42	1°♒36'45		
desc. node	-196 Feb 23 j 12:31	4°♒11'47		
morning max el	-196 Feb 29 j 22:17	9°♒28'33	27°47'10	
	-196 Mar 16 j 20:46	0°♓		
	-196 Apr 02 j 17:41	0°♈		
morning set	-196 Apr 03 j 08:42	1°♈16'00		
max. Earth dist.	-196 Apr 09 j 03:05	13°♈21'50	1.32664 AU	
superior conj	-196 Apr 10 j 20:19	17°♈04'48	0°-9'-7	
minimum elong	-196 Apr 10 j 20:45	17°♈07'08	0°09'02	
behind sun begin	-196 Apr 10 j 16:29	16°♈44'00		
behind sun end	-196 Apr 11 j 01:01	17°♈30'16		
asc. node	-196 Apr 11 j 17:02	18°♈57'20		
	-196 Apr 16 j 19:22	0°♉		
evening rise	-196 Apr 17 j 20:34	2°♉13'58		
	-196 May 03 j 01:45	0°♊		
evening max el	-196 May 12 j 14:57	11°♊41'53	24°14'23	
desc. node	-196 May 21 j 11:45	17°♊43'46		
retrograde	-196 May 26 j 11:53	18°♊40'53		
evening set	-196 May 31 j 00:54	17°♊54'57		
min. Earth dist.	-196 Jun 06 j 02:17	14°♊55'35	0.56611 AU	
inferior conj	-196 Jun 08 j 16:47	13°♊17'31	-4°-16'-33	
minimum elong	-196 Jun 08 j 11:24	13°♊26'01	4°15'43	
morning rise	-196 Jun 17 j 01:39	9°♊15'06		
direct	-196 Jun 19 j 16:22	8°♊56'52		
morning max el	-196 Jun 29 j 07:13	13°♊24'38	19°38'36	
asc. node	-196 Jul 08 j 16:16	25°♊57'10		
	-196 Jul 10 j 23:19	0°♋		
morning set	-196 Jul 16 j 19:43	11°♋19'07		
superior conj	-196 Jul 24 j 20:18	27°♋27'10	1°47'03	
minimum elong	-196 Jul 24 j 19:58	27°♋25'30	1°47'03	
	-196 Jul 26 j 03:24	0°♌		
max. Earth dist.	-196 Jul 30 j 17:37	8°♌46'41	1.37453 AU	
evening rise	-196 Aug 03 j 14:19	15°♌49'59		
	-196 Aug 11 j 21:49	0°♍		
desc. node	-196 Aug 17 j 11:05	8°♍44'26		
	-196 Sep 01 j 21:13	0°♎		
evening max el	-196 Sep 08 j 09:19	7°♎10'43	25°22'07	
retrograde	-196 Sep 20 j 09:40	14°♎06'09		
evening set	-196 Sep 26 j 06:35	11°♎38'24		
min. Earth dist.	-196 Sep 30 j 17:40	6°♎40'23	0.67033 AU	
inferior conj	-196 Oct 01 j 19:18	5°♎17'16	0°-58'-27	
minimum elong	-196 Oct 01 j 20:46	5°♎12'31	0°57'51	
asc. node	-196 Oct 04 j 15:28	1°♎48'17		
	-196 Oct 06 j 12:06	30°℞♍		
morning rise	-196 Oct 07 j 11:32	29°♍16'49		
direct	-196 Oct 10 j 20:12	28°♍11'26		
	-196 Oct 15 j 11:14	0°♎		
morning max el	-196 Oct 18 j 02:21	2°♎18'56	19°31'03	
greatest brilliancy	-196 Oct 26 j 21:53	13°♎33'24	-0.7m	
	-196 Nov 06 j 19:48	0°♏		
morning set	-196 Nov 11 j 11:34	7°♏12'03		
desc. node	-196 Nov 13 j 10:23	10°♏13'47		
max. Earth dist.	-196 Nov 24 j 13:17	27°♏39'35	1.44453 AU	
	-196 Nov 26 j 00:40	0°♐		
superior conj	-196 Nov 28 j 07:25	3°♐38'24	-1°-27'-53	
minimum elong	-196 Nov 27 j 23:14	3°♐05'40	1°27'06	
evening rise	-196 Dec 12 j 11:15	26°♐50'45		
	-196 Dec 14 j 08:24	0°♑		
evening max el	-196 Dec 31 j 10:04	25°♑46'24	18°22'57	
asc. node	-196 Dec 31 j 14:46	25°♑58'13		
retrograde	-195 Jan 06 j 22:31	29°♑19'43		
evening set	-195 Jan 09 j 20:45	28°♑33'12		
inferior conj	-195 Jan 15 j 21:31	23°♑03'47	3°43'15	
minimum elong	-195 Jan 15 j 19:50	23°♑08'34	3°43'04	
min. Earth dist.	-195 Jan 18 j 03:38	20°♑29'48	0.64016 AU	
morning rise	-195 Jan 21 j 17:28	16°♑59'10		
direct	-195 Jan 28 j 15:31	14°♑10'21		
desc. node	-195 Feb 09 j 09:33	20°♑12'13		
morning max el	-195 Feb 11 j 06:36	21°♑59'36	27°31'34	
	-195 Feb 18 j 07:42	0°♒		
	-195 Mar 10 j 00:31	0°♓		
morning set	-195 Mar 18 j 04:29	15°♓17'14		
max. Earth dist.	-195 Mar 23 j 05:47	25°♓33'58	1.33386 AU	
	-195 Mar 25 j 08:19	0°♈		
superior conj	-195 Mar 26 j 02:47	1°♈38'07	0°-35'-54	
minimum elong	-195 Mar 26 j 04:30	1°♈47'18	0°35'33	
asc. node	-195 Mar 29 j 14:05	9°♈04'21		
evening rise	-195 Apr 02 j 08:02	17°♈03'22		
	-195 Apr 08 j 19:19	0°♉		
evening max el	-195 Apr 24 j 06:32	22°♉16'27	22°39'00	
retrograde	-195 May 07 j 09:59	28°♉46'07		
desc. node	-195 May 08 j 08:44	28°♉44'07		
evening set	-195 May 10 j 14:07	28°♉24'04		
min. Earth dist.	-195 May 18 j 14:50	24°♉53'56	0.55379 AU	
inferior conj	-195 May 19 j 20:54	24°♉11'02	-3°-4'-48	
minimum elong	-195 May 19 j 13:46	24°♉21'14	3°02'47	
morning rise	-195 May 28 j 15:55	20°♉17'33		
direct	-195 May 31 j 11:21	19°♉59'16		
morning max el	-195 Jun 11 j 17:19	25°♉13'07	20°54'42	
	-195 Jun 16 j 01:56	0°♊		
asc. node	-195 Jun 25 j 13:19	15°♊01'48		
morning set	-195 Jul 01 j 02:39	26°♊00'25		
	-195 Jul 03 j 01:00	0°♋		
superior conj	-195 Jul 08 j 15:38	11°♋38'46	1°41'40	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-195 Jul 08 j 13:57	11°♋30'08	1°41'35	
max. Earth dist.	-195 Jul 13 j 02:28	20°♋36'56	1.35694 AU	
evening rise	-195 Jul 17 j 08:00	28°♋45'22		
	-195 Jul 17 j 23:59	0°♌		
desc. node	-195 Aug 04 j 08:05	28°♌49'41		
	-195 Aug 05 j 03:18	0°♍		
evening max el	-195 Aug 21 j 21:03	20°♍46'47	26°25'28	
retrograde	-195 Sep 03 j 15:42	27°♍58'28		
evening set	-195 Sep 10 j 02:50	25°♍18'13		
min. Earth dist.	-195 Sep 14 j 06:05	20°♍57'42	0.66218 AU	
inferior conj	-195 Sep 15 j 19:26	19°♍03'54	-1°-54'-26	
minimum elong	-195 Sep 15 j 22:20	18°♍55'04	1°53'20	
morning rise	-195 Sep 21 j 18:52	13°♍14'29		
asc. node	-195 Sep 21 j 12:31	13°♍23'44		
direct	-195 Sep 24 j 18:16	12°♍24'17		
morning max el	-195 Oct 01 j 12:13	16°♍08'52	18°41'56	
	-195 Oct 11 j 18:46	0°♎		
morning set	-195 Oct 22 j 07:19	16°♎37'37		
	-195 Oct 30 j 17:49	0°♏		
desc. node	-195 Oct 31 j 07:24	0°♏53'35		
superior conj	-195 Nov 07 j 09:55	12°♏04'28	0°-45'-25	
minimum elong	-195 Nov 07 j 04:05	11°♏41'33	0°44'42	
max. Earth dist.	-195 Nov 07 j 07:17	11°♏54'08	1.45007 AU	
	-195 Nov 18 j 18:22	0°♐		
evening rise	-195 Nov 23 j 06:39	7°♐11'41		
	-195 Dec 07 j 18:15	0°♑		
evening max el	-195 Dec 14 j 20:45	9°♑11'38	18°55'21	
asc. node	-195 Dec 18 j 11:48	12°♑08'05		
retrograde	-195 Dec 21 j 16:40	13°♑03'44		
evening set	-195 Dec 24 j 20:39	12°♑05'57		
inferior conj	-195 Dec 30 j 14:39	6°♑19'06	3°20'52	
minimum elong	-195 Dec 30 j 12:04	6°♑27'08	3°20'20	
min. Earth dist.	-194 Jan 01 j 05:29	4°♑18'36	0.65481 AU	
morning rise	-194 Jan 05 j 02:30	0°♑08'27		
	-194 Jan 05 j 06:25	30°℞♐		
direct	-194 Jan 11 j 15:50	27°♐18'40		
	-194 Jan 18 j 21:35	0°♑		
morning max el	-194 Jan 24 j 16:21	4°♑56'05	26°44'19	
desc. node	-194 Jan 27 j 06:36	7°♑40'32		
	-194 Feb 12 j 20:51	0°♒		
morning set	-194 Mar 01 j 13:26	28°♒41'24		
	-194 Mar 02 j 05:53	0°♓		
max. Earth dist.	-194 Mar 05 j 22:07	7°♓12'12	1.34550 AU	
superior conj	-194 Mar 10 j 03:36	15°♓49'20	-1°-2'-19	
minimum elong	-194 Mar 10 j 06:32	16°♓04'32	1°01'48	
asc. node	-194 Mar 16 j 11:07	29°♓02'46		
	-194 Mar 16 j 22:05	0°♈		
evening rise	-194 Mar 17 j 17:28	1°♈40'48		
	-194 Apr 03 j 07:29	0°♉		
evening max el	-194 Apr 06 j 04:57	3°♉06'46	21°09'28	
retrograde	-194 Apr 17 j 23:50	8°♉49'46		
evening set	-194 Apr 20 j 07:32	8°♉37'15		
desc. node	-194 Apr 25 j 05:45	6°♉58'23		
inferior conj	-194 Apr 29 j 15:17	4°♉38'22	-1°-15'-17	
minimum elong	-194 Apr 29 j 11:44	4°♉43'23	1°14'01	
min. Earth dist.	-194 Apr 30 j 03:39	4°♉20'56	0.54999 AU	
morning rise	-194 May 08 j 15:43	0°♉35'56		
direct	-194 May 11 j 21:30	0°♉13'12		
morning max el	-194 May 24 j 16:51	6°♉19'48	22°27'36	
	-194 Jun 10 j 02:32	0°♊		
asc. node	-194 Jun 12 j 10:22	4°♊32'07		
morning set	-194 Jun 15 j 12:57	10°♊53'19		
superior conj	-194 Jun 22 j 18:37	26°♊14'22	1°30'14	
minimum elong	-194 Jun 22 j 16:15	26°♊01'49	1°29'59	
	-194 Jun 24 j 13:31	0°♋		
max. Earth dist.	-194 Jun 25 j 20:14	2°♋39'39	1.34277 AU	
evening rise	-194 Jun 30 j 16:49	12°♋26'18		
	-194 Jul 10 j 07:16	0°♌		
desc. node	-194 Jul 22 j 05:04	18°♌28'39		
	-194 Jul 31 j 07:19	0°♍		
evening max el	-194 Aug 04 j 08:50	4°♍14'25	27°08'52	
retrograde	-194 Aug 17 j 16:31	11°♍33'35		
evening set	-194 Aug 24 j 15:01	8°♍48'25		
min. Earth dist.	-194 Aug 28 j 11:04	5°♍05'27	0.65040 AU	
inferior conj	-194 Aug 30 j 13:17	2°♍44'36	-2°-48'-47	
minimum elong	-194 Aug 30 j 17:24	2°♍33'02	2°47'24	
	-194 Sep 02 j 02:46	30°℞♌		
morning rise	-194 Sep 05 j 21:23	27°♌09'28		
asc. node	-194 Sep 08 j 09:35	26°♌30'59		
direct	-194 Sep 08 j 13:52	26°♌30'49		
morning max el	-194 Sep 15 j 02:27	0°♍01'43	18°09'21	
	-194 Sep 15 j 01:46	0°♍		
morning set	-194 Oct 03 j 07:42	27°♍27'50		
	-194 Oct 04 j 20:24	0°♎		
superior conj	-194 Oct 17 j 14:09	20°♎41'56	0°03'56	
minimum elong	-194 Oct 17 j 14:38	20°♎43'52	0°03'52	
behind sun begin	-194 Oct 17 j 04:02	20°♎01'40		
behind sun end	-194 Oct 18 j 01:13	21°♎26'00		
desc. node	-194 Oct 18 j 04:25	21°♎38'40		
max. Earth dist.	-194 Oct 21 j 02:06	26°♎14'34	1.44820 AU	
	-194 Oct 23 j 11:22	0°♏		
evening rise	-194 Nov 03 j 03:26	16°♏38'11		
	-194 Nov 11 j 19:11	0°♐		
greatest brilliancy	-194 Nov 20 j 08:48	12°♐47'02	-0.6m	
evening max el	-194 Nov 28 j 03:31	22°♐39'16	19°44'14	
asc. node	-194 Dec 05 j 08:50	26°♐58'40		
retrograde	-194 Dec 05 j 13:49	26°♐58'54		
evening set	-194 Dec 09 j 01:14	25°♐48'09		
inferior conj	-194 Dec 14 j 14:38	19°♐46'56	2°47'47	
minimum elong	-194 Dec 14 j 11:50	19°♐56'12	2°46'58	
min. Earth dist.	-194 Dec 15 j 15:34	18°♐24'45	0.66554 AU	
morning rise	-194 Dec 19 j 21:44	13°♐32'36		
direct	-194 Dec 25 j 22:07	10°♐53'26		
morning max el	-193 Jan 07 j 01:33	18°♐06'09	25°33'36	
desc. node	-193 Jan 14 j 03:40	26°♐11'17		
	-193 Jan 17 j 02:33	0°♑		
	-193 Feb 05 j 21:10	0°♒		
morning set	-193 Feb 12 j 06:59	11°♒15'34		
max. Earth dist.	-193 Feb 16 j 02:37	18°♒21'05	1.36159 AU	
superior conj	-193 Feb 21 j 20:10	29°♒31'15	-1°-26'-42	
minimum elong	-193 Feb 21 j 23:54	29°♒49'55	1°26'12	
	-193 Feb 22 j 01:55	0°♓		
evening rise	-193 Mar 01 j 22:50	16°♓00'10		
asc. node	-193 Mar 03 j 08:09	18°♓48'16		
	-193 Mar 09 j 04:58	0°♈		
evening max el	-193 Mar 19 j 14:27	14°♈32'45	19°55'00	
retrograde	-193 Mar 29 j 16:19	19°♈22'44		
evening set	-193 Mar 31 j 19:00	19°♈10'56		
inferior conj	-193 Apr 09 j 14:23	15°♈10'17	0°42'44	
minimum elong	-193 Apr 09 j 16:14	15°♈07'27	0°42'04	
min. Earth dist.	-193 Apr 11 j 17:50	13°♈51'44	0.55582 AU	
desc. node	-193 Apr 12 j 02:48	13°♈38'20		
morning rise	-193 Apr 18 j 10:23	10°♈40'43		
direct	-193 Apr 22 j 12:51	10°♈03'34		
morning max el	-193 May 06 j 09:16	16°♈56'55	24°08'24	
	-193 May 16 j 22:27	0°♉		
asc. node	-193 May 30 j 07:25	24°♉20'40		
morning set	-193 May 31 j 00:47	25°♉51'35		
	-193 Jun 01 j 23:33	0°♊		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-193 Jun 07 j 02:33	11°♊04'47	1°14'01
minimum elong	-193 Jun 07 j 00:04	10°♊51'23	1°13'38
max. Earth dist.	-193 Jun 08 j 23:03	15°♊04'11	1.33254 AU
evening rise	-193 Jun 14 j 12:32	26°♊40'07	
	-193 Jun 16 j 04:35	0°♋	
	-193 Jul 03 j 15:33	0°♌	
desc. node	-193 Jul 09 j 02:05	7°♌29'40	
evening max el	-193 Jul 17 j 19:18	17°♌21'32	27°25'32
retrograde	-193 Jul 31 j 11:31	24°♌41'38	
evening set	-193 Aug 07 j 15:59	22°♌03'04	
min. Earth dist.	-193 Aug 11 j 06:51	18°♌53'37	0.63497 AU
inferior conj	-193 Aug 13 j 22:13	16°♌13'07	-3°-38'-28
minimum elong	-193 Aug 14 j 02:57	16°♌01'05	3°37'13
morning rise	-193 Aug 20 j 16:07	10°♌55'23	
direct	-193 Aug 23 j 04:14	10°♌24'59	
asc. node	-193 Aug 26 j 06:38	11°♌12'13	
morning max el	-193 Aug 29 j 18:13	13°♌50'32	17°54'13
	-193 Sep 09 j 21:42	0°♍	
morning set	-193 Sep 15 j 09:32	9°♍31'06	
	-193 Sep 27 j 09:43	0°♎	
superior conj	-193 Sep 27 j 15:20	0°♎23'12	0°47'57
minimum elong	-193 Sep 27 j 19:53	0°♎42'02	0°47'22
max. Earth dist.	-193 Oct 03 j 18:29	10°♎21'54	1.43932 AU
desc. node	-193 Oct 05 j 01:25	12°♎25'32	
evening rise	-193 Oct 13 j 10:50	25°♎34'29	
	-193 Oct 16 j 07:59	0°♏	
greatest brilliancy	-193 Nov 05 j 11:53	29°♏21'14	-0.5m
	-193 Nov 05 j 23:50	0°♐	
evening max el	-193 Nov 11 j 04:57	6°♐07'31	20°47'17
retrograde	-193 Nov 19 j 11:27	11°♐01'16	
asc. node	-193 Nov 22 j 05:53	10°♐17'45	
evening set	-193 Nov 23 j 08:22	9°♐35'31	
inferior conj	-193 Nov 28 j 18:59	3°♐23'18	2°06'43
minimum elong	-193 Nov 28 j 16:30	3°♐31'49	2°05'50
min. Earth dist.	-193 Nov 29 j 07:36	2°♐40'12	0.67254 AU
	-193 Dec 01 j 08:13	30°℞♏	
morning rise	-193 Dec 04 j 00:10	27°♏07'36	
direct	-193 Dec 09 j 09:38	24°♏46'46	
	-193 Dec 19 j 00:38	0°♐	
morning max el	-193 Dec 20 j 09:56	1°♐21'05	24°09'24
desc. node	-192 Jan 01 j 00:42	15°♐26'02	
	-192 Jan 11 j 02:59	0°♑	
morning set	-192 Jan 25 j 03:14	22°♑43'08	
max. Earth dist.	-192 Jan 28 j 22:38	29°♑25'27	1.38127 AU
	-192 Jan 29 j 06:19	0°♒	
superior conj	-192 Feb 05 j 00:59	12°♒34'33	-1°-46'-46
minimum elong	-192 Feb 05 j 04:37	12°♒51'54	1°46'29
evening rise	-192 Feb 13 j 21:41	29°♒54'42	
	-192 Feb 13 j 22:45	0°♓	
asc. node	-192 Feb 18 j 05:13	8°♓15'35	
evening max el	-192 Mar 01 j 10:54	26°♓37'41	18°59'34
	-192 Mar 06 j 08:32	0°♈	
retrograde	-192 Mar 09 j 22:54	0°♈43'34	
evening set	-192 Mar 12 j 04:56	0°♈27'30	
	-192 Mar 13 j 17:08	30°℞♓	
inferior conj	-192 Mar 20 j 06:08	26°♓12'15	2°18'08
minimum elong	-192 Mar 20 j 10:29	26°♓04'35	2°16'55
min. Earth dist.	-192 Mar 23 j 09:51	23°♓59'56	0.56996 AU
morning rise	-192 Mar 28 j 11:50	21°♓10'00	
desc. node	-192 Mar 28 j 23:52	20°♓58'19	
direct	-192 Apr 02 j 17:29	20°♓04'50	
morning max el	-192 Apr 17 j 00:10	27°♓28'48	25°43'27
	-192 Apr 19 j 10:59	0°♈	
	-192 May 09 j 03:54	0°♉	
morning set	-192 May 14 j 12:33	10°♉49'55	
asc. node	-192 May 16 j 04:29	14°♉22'00	
superior conj	-192 May 21 j 13:20	26°♉03'10	0°54'02
minimum elong	-192 May 21 j 11:14	25°♉51'39	0°53'38
max. Earth dist.	-192 May 22 j 08:35	27°♉48'24	1.32623 AU
	-192 May 23 j 08:44	0°♊	
evening rise	-192 May 28 j 15:53	11°♊16'37	
	-192 Jun 07 j 10:06	0°♋	
desc. node	-192 Jun 24 j 23:07	25°♋36'38	
evening max el	-192 Jun 29 j 02:16	29°♋55'58	27°10'25
	-192 Jun 29 j 03:58	0°♌	
retrograde	-192 Jul 12 j 23:43	7°♌13'16	
evening set	-192 Jul 20 j 01:41	4°♌55'06	
min. Earth dist.	-192 Jul 23 j 16:26	2°♌09'30	0.61643 AU
	-192 Jul 26 j 02:23	30°℞♋	
inferior conj	-192 Jul 26 j 19:06	29°♋22'05	-4°-18'-42
minimum elong	-192 Jul 26 j 23:14	29°♋12'47	4°18'00
morning rise	-192 Aug 02 j 23:35	24°♋24'45	
direct	-192 Aug 05 j 09:58	23°♋59'45	
asc. node	-192 Aug 12 j 03:42	27°♋16'36	
morning max el	-192 Aug 12 j 08:34	27°♋28'19	17°57'32
	-192 Aug 14 j 15:18	0°♌	
morning set	-192 Aug 28 j 06:47	22°♌30'15	
	-192 Sep 01 j 09:36	0°♍	
superior conj	-192 Sep 07 j 19:58	11°♍25'26	1°19'55
minimum elong	-192 Sep 08 j 00:42	11°♍46'01	1°19'25
max. Earth dist.	-192 Sep 15 j 06:29	24°♍01'05	1.42460 AU
	-192 Sep 18 j 22:39	0°♎	
desc. node	-192 Sep 20 j 22:27	3°♎11'00	
evening rise	-192 Sep 21 j 22:30	4°♎46'10	
	-192 Oct 08 j 16:58	0°♏	
greatest brilliancy	-192 Oct 19 j 06:49	14°♏14'19	-0.4m
evening max el	-192 Oct 24 j 00:41	19°♏36'38	22°00'59
retrograde	-192 Nov 02 j 07:40	25°♏08'06	
evening set	-192 Nov 06 j 16:12	23°♏25'20	
asc. node	-192 Nov 08 j 02:57	22°♏05'07	
inferior conj	-192 Nov 12 j 01:36	17°♏05'42	1°19'37
minimum elong	-192 Nov 11 j 23:52	17°♏11'43	1°18'56
min. Earth dist.	-192 Nov 12 j 03:07	17°♏00'27	0.67610 AU
morning rise	-192 Nov 17 j 07:18	10°♏51'00	
direct	-192 Nov 22 j 01:31	8°♏52'17	
morning max el	-192 Dec 01 j 20:04	14°♏40'05	22°41'37
greatest brilliancy	-192 Dec 06 j 11:26	19°♏51'42	-0.3m
	-192 Dec 14 j 05:23	0°♐	
desc. node	-192 Dec 17 j 21:44	5°♐11'57	
	-191 Jan 03 j 02:49	0°♑	
morning set	-191 Jan 04 j 20:00	2°♑47'56	
max. Earth dist.	-191 Jan 09 j 18:23	11°♑03'21	1.40255 AU
superior conj	-191 Jan 17 j 13:27	24°♑46'38	-1°-59'-23
minimum elong	-191 Jan 17 j 15:22	24°♑55'18	1°59'21
	-191 Jan 20 j 09:49	0°♒	
evening rise	-191 Jan 27 j 10:58	13°♒15'57	
asc. node	-191 Feb 04 j 02:16	27°♒17'27	
	-191 Feb 05 j 17:10	0°♓	
evening max el	-191 Feb 12 j 15:39	9°♓13'39	18°24'05
retrograde	-191 Feb 20 j 00:23	12°♓51'41	
evening set	-191 Feb 22 j 11:17	12°♓28'37	
inferior conj	-191 Mar 01 j 18:47	7°♓52'37	3°18'29
minimum elong	-191 Mar 01 j 22:16	7°♓45'24	3°17'52
min. Earth dist.	-191 Mar 05 j 05:11	5°♓04'30	0.58929 AU
morning rise	-191 Mar 09 j 05:33	2°♓23'06	
direct	-191 Mar 15 j 11:05	0°♓41'11	
desc. node	-191 Mar 15 j 20:55	0°♓41'37	
morning max el	-191 Mar 29 j 18:52	8°♓21'33	26°57'48
	-191 Apr 15 j 04:00	0°♈	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-191 Apr 28 j 22:31	25°♈41'35	
	-191 Apr 30 j 23:25	0°♉	
asc. node	-191 May 03 j 01:32	4°♉30'25	
superior conj	-191 May 06 j 01:07	11°♉02'07	0°31'07
minimum elong	-191 May 05 j 23:46	10°♉54'46	0°30'49
max. Earth dist.	-191 May 05 j 21:19	10°♉41'19	1.32355 AU
evening rise	-191 May 13 j 00:07	26°♉05'56	
	-191 May 14 j 21:16	0°♊	
	-191 Jun 01 j 04:48	0°♋	
evening max el	-191 Jun 11 j 03:10	11°♋46'51	26°22'21
desc. node	-191 Jun 11 j 20:10	12°♋26'33	
retrograde	-191 Jun 25 j 03:32	19°♋00'34	
evening set	-191 Jul 01 j 15:30	17°♋15'18	
min. Earth dist.	-191 Jul 05 j 16:12	14°♋38'11	0.59602 AU
inferior conj	-191 Jul 09 j 00:22	12°♋01'53	-4°-41'-55
minimum elong	-191 Jul 09 j 01:58	11°♋58'43	4°41'51
morning rise	-191 Jul 16 j 15:49	7°♋27'16	
direct	-191 Jul 19 j 02:49	7°♋05'44	
morning max el	-191 Jul 26 j 18:31	10°♋47'00	18°20'32
asc. node	-191 Jul 30 j 00:45	14°♋28'47	
	-191 Aug 08 j 11:36	0°♌	
morning set	-191 Aug 11 j 18:06	6°♌10'33	
superior conj	-191 Aug 21 j 01:05	23°♌40'40	1°38'55
minimum elong	-191 Aug 21 j 03:59	23°♌53'56	1°38'44
	-191 Aug 24 j 13:04	0°♍	
max. Earth dist.	-191 Aug 28 j 13:25	7°♍01'01	1.40588 AU
evening rise	-191 Sep 02 j 05:40	14°♍53'03	
desc. node	-191 Sep 07 j 19:29	23°♍51'40	
	-191 Sep 11 j 18:38	0°♎	
	-191 Oct 03 j 17:19	0°♏	
evening max el	-191 Oct 06 j 15:35	3°♏07'58	23°20'29
retrograde	-191 Oct 17 j 01:08	9°♏17'00	
evening set	-191 Oct 21 j 23:06	7°♏16'00	
asc. node	-191 Oct 25 j 23:58	2°♏43'52	
inferior conj	-191 Oct 27 j 08:41	0°♏52'34	0°28'08
minimum elong	-191 Oct 27 j 08:01	0°♏54'51	0°27'51
min. Earth dist.	-191 Oct 26 j 23:42	1°♏23'22	0.67637 AU
	-191 Oct 28 j 00:04	30°℞♎	
morning rise	-191 Nov 01 j 17:01	24°♎41'25	
direct	-191 Nov 05 j 20:48	23°♎05'17	
morning max el	-191 Nov 14 j 11:38	28°♎07'54	21°18'44
	-191 Nov 16 j 05:45	0°♏	
greatest brilliancy	-191 Nov 19 j 17:24	4°♏09'34	-0.4m
desc. node	-191 Dec 04 j 18:46	25°♏20'36	
	-191 Dec 07 j 20:57	0°♐	
morning set	-191 Dec 15 j 08:24	11°♐33'30	
max. Earth dist.	-191 Dec 22 j 20:37	23°♐37'30	1.42243 AU
	-191 Dec 26 j 16:43	0°♑	
superior conj	-191 Dec 30 j 04:13	5°♑54'59	-2°00'-19
minimum elong	-191 Dec 30 j 02:18	5°♑46'44	2°00'17
evening rise	-190 Jan 10 j 11:08	25°♑56'49	
	-190 Jan 12 j 16:52	0°♒	
asc. node	-190 Jan 21 j 23:19	15°♒46'03	
evening max el	-190 Jan 27 j 01:40	22°♒12'33	18°08'28
retrograde	-190 Feb 02 j 18:55	25°♒38'38	
evening set	-190 Feb 05 j 10:03	25°♒07'19	
inferior conj	-190 Feb 12 j 03:00	20°♒09'30	3°46'31
minimum elong	-190 Feb 12 j 04:16	20°♒06'28	3°46'26
min. Earth dist.	-190 Feb 15 j 07:02	17°♒09'46	0.61028 AU
morning rise	-190 Feb 18 j 19:43	14°♒21'09	
direct	-190 Feb 25 j 15:36	12°♒04'01	
desc. node	-190 Mar 02 j 17:58	13°♒13'28	
morning max el	-190 Mar 11 j 19:59	19°♒53'12	27°39'48
	-190 Mar 20 j 11:53	0°♓	
	-190 Apr 07 j 23:44	0°♈	
morning set	-190 Apr 13 j 04:51	10°♈20'12	
max. Earth dist.	-190 Apr 19 j 09:20	23°♈29'24	1.32447 AU
asc. node	-190 Apr 19 j 22:35	24°♈41'39	
superior conj	-190 Apr 20 j 12:11	25°♈55'55	0°06'01
minimum elong	-190 Apr 20 j 11:55	25°♈54'25	0°05'57
behind sun begin	-190 Apr 20 j 07:12	25°♈28'37	
behind sun end	-190 Apr 20 j 16:38	26°♈20'14	
	-190 Apr 22 j 08:48	0°♉	
evening rise	-190 Apr 27 j 11:04	11°♉00'34	
	-190 May 07 j 04:56	0°♊	
evening max el	-190 May 23 j 21:08	22°♊53'07	25°06'16
desc. node	-190 May 29 j 17:12	27°♊28'35	
	-190 Jun 06 j 07:00	0°♋	
retrograde	-190 Jun 06 j 21:19	0°♋00'50	
	-190 Jun 07 j 11:38	30°℞♊	
evening set	-190 Jun 12 j 06:19	28°♊54'17	
min. Earth dist.	-190 Jun 17 j 08:46	26°♊07'34	0.57608 AU
inferior conj	-190 Jun 20 j 10:37	24°♊02'48	-4°-37'-4
minimum elong	-190 Jun 20 j 07:50	24°♊07'34	4°36'52
morning rise	-190 Jun 28 j 13:13	19°♊50'34	
direct	-190 Jul 01 j 02:21	19°♊31'25	
morning max el	-190 Jul 09 j 21:05	23°♊37'44	19°04'09
	-190 Jul 15 j 04:54	0°♋	
asc. node	-190 Jul 16 j 21:48	2°♋34'09	
morning set	-190 Jul 26 j 15:18	20°♋20'36	
	-190 Jul 31 j 12:20	0°♌	
superior conj	-190 Aug 04 j 00:58	6°♌52'37	1°46'45
minimum elong	-190 Aug 04 j 01:42	6°♌56'07	1°46'44
max. Earth dist.	-190 Aug 10 j 16:33	19°♌17'50	1.38569 AU
evening rise	-190 Aug 14 j 13:40	26°♌10'02	
	-190 Aug 16 j 19:19	0°♍	
desc. node	-190 Aug 25 j 16:30	14°♍22'56	
	-190 Sep 05 j 08:57	0°♎	
evening max el	-190 Sep 19 j 03:33	16°♎41'44	24°39'38
retrograde	-190 Sep 30 j 14:49	23°♎23'25	
evening set	-190 Oct 06 j 03:20	21°♎04'32	
min. Earth dist.	-190 Oct 10 j 19:00	15°♎46'06	0.67343 AU
inferior conj	-190 Oct 11 j 14:29	14°♎41'16	0°-26'-20
minimum elong	-190 Oct 11 j 15:07	14°♎39'07	0°26'05
asc. node	-190 Oct 12 j 21:00	13°♎00'58	
morning rise	-190 Oct 17 j 03:20	8°♎36'12	
direct	-190 Oct 20 j 18:18	7°♎20'41	
morning max el	-190 Oct 28 j 10:39	11°♎45'43	20°06'26
greatest brilliancy	-190 Nov 04 j 11:45	20°♎20'22	-0.6m
	-190 Nov 11 j 05:51	0°♏	
desc. node	-190 Nov 21 j 15:47	15°♏44'54	
morning set	-190 Nov 24 j 05:09	19°♏41'21	
	-190 Nov 30 j 19:49	0°♐	
max. Earth dist.	-190 Dec 05 j 06:08	7°♐01'41	1.43813 AU
superior conj	-190 Dec 10 j 16:34	15°♐48'58	-1°-45'-4
minimum elong	-190 Dec 10 j 09:54	15°♐21'42	1°44'35
	-190 Dec 19 j 04:35	0°♑	
evening rise	-190 Dec 23 j 17:51	7°♑48'10	
	-189 Jan 06 j 04:22	0°♒	
asc. node	-189 Jan 08 j 20:20	3°♒30'55	
evening max el	-189 Jan 10 j 13:59	5°♒26'07	18°12'17
retrograde	-189 Jan 17 j 01:51	8°♒53'47	
evening set	-189 Jan 19 j 21:11	8°♒13'15	
inferior conj	-189 Jan 26 j 03:00	2°♒54'52	3°49'48
minimum elong	-189 Jan 26 j 02:12	2°♒57'01	3°49'45
min. Earth dist.	-189 Jan 28 j 17:55	0°♒06'16	0.63004 AU
	-189 Jan 28 j 20:21	30°℞♑	
morning rise	-189 Feb 01 j 05:19	26°♑54'38	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-189 Feb 08 j 05:04	24°♉12'57	
desc. node	-189 Feb 17 j 15:00	28°♉08'03	
	-189 Feb 19 j 21:17	0°♒	
morning max el	-189 Feb 22 j 02:31	2°♒05'13	27°44'50
	-189 Mar 14 j 18:05	0°♓	
morning set	-189 Mar 28 j 05:18	24°♓38'08	
	-189 Mar 30 j 20:22	0°♈	
max. Earth dist.	-189 Apr 02 j 16:34	5°♈58'21	1.32917 AU
superior conj	-189 Apr 04 j 20:53	10°♈38'45	0°-20'-27
minimum elong	-189 Apr 04 j 21:51	10°♈44'00	0°20'15
asc. node	-189 Apr 06 j 19:39	14°♈51'36	
evening rise	-189 Apr 11 j 22:52	25°♈53'49	
	-189 Apr 13 j 22:05	0°♉	
	-189 May 02 j 04:06	0°♊	
evening max el	-189 May 05 j 11:39	3°♊31'30	23°33'52
desc. node	-189 May 16 j 14:13	10°♊06'35	
retrograde	-189 May 19 j 03:19	10°♊21'21	
evening set	-189 May 23 j 01:28	9°♊47'27	
min. Earth dist.	-189 May 29 j 22:09	6°♊36'21	0.55991 AU
inferior conj	-189 Jun 01 j 00:52	5°♊20'26	-3°-51'-46
minimum elong	-189 May 31 j 18:08	5°♊30'34	3°50'19
morning rise	-189 Jun 09 j 14:21	1°♊23'52	
direct	-189 Jun 12 j 06:29	1°♊06'06	
morning max el	-189 Jun 22 j 13:49	5°♊52'04	20°08'40
asc. node	-189 Jul 03 j 18:51	21°♊20'36	
	-189 Jul 08 j 08:59	0°♋	
morning set	-189 Jul 10 j 19:24	4°♋52'54	
superior conj	-189 Jul 18 j 14:29	20°♋46'46	1°45'37
minimum elong	-189 Jul 18 j 13:29	20°♋41'47	1°45'35
	-189 Jul 23 j 06:52	0°♌	
max. Earth dist.	-189 Jul 23 j 21:15	1°♌08'57	1.36661 AU
evening rise	-189 Jul 27 j 20:30	8°♌33'51	
	-189 Aug 09 j 12:35	0°♍	
desc. node	-189 Aug 12 j 13:32	4°♍39'55	
	-189 Sep 01 j 07:28	0°♎	
evening max el	-189 Sep 01 j 14:57	0°♎18'22	25°51'00
retrograde	-189 Sep 14 j 00:02	7°♎22'50	
evening set	-189 Sep 20 j 03:07	4°♎48'56	
min. Earth dist.	-189 Sep 24 j 10:42	0°♎06'40	0.66725 AU
	-189 Sep 24 j 12:50	30°℞♍	
inferior conj	-189 Sep 25 j 17:15	28°♍29'55	-1°-22'-16
minimum elong	-189 Sep 25 j 19:20	28°♍23'19	1°21'26
asc. node	-189 Sep 29 j 18:02	23°♍54'45	
morning rise	-189 Oct 01 j 12:22	22°♍33'47	
direct	-189 Oct 04 j 16:42	21°♍35'30	
morning max el	-189 Oct 11 j 17:00	25°♍32'27	19°08'11
	-189 Oct 15 j 12:53	0°♎	
morning set	-189 Nov 03 j 10:48	28°♎22'58	
	-189 Nov 04 j 11:37	0°♏	
desc. node	-189 Nov 08 j 12:48	6°♏20'15	
max. Earth dist.	-189 Nov 17 j 21:19	21°♏01'12	1.44773 AU
superior conj	-189 Nov 20 j 04:01	24°♏37'10	-1°-11'-30
minimum elong	-189 Nov 19 j 20:01	24°♏05'32	1°10'38
	-189 Nov 23 j 13:19	0°♐	
evening rise	-189 Dec 05 j 02:55	18°♐42'51	
	-189 Dec 11 j 23:56	0°♑	
evening max el	-189 Dec 25 j 01:59	18°♑48'50	18°34'40
asc. node	-189 Dec 26 j 17:21	20°♑19'49	
retrograde	-189 Dec 31 j 16:51	22°♑29'06	
evening set	-188 Jan 03 j 17:16	21°♑38'09	
inferior conj	-188 Jan 09 j 14:54	16°♑01'13	3°35'16
minimum elong	-188 Jan 09 j 12:44	16°♑07'37	3°34'57
min. Earth dist.	-188 Jan 11 j 14:32	13°♑40'08	0.64684 AU
morning rise	-188 Jan 15 j 06:56	9°♑53'34	
direct	-188 Jan 22 j 02:01	7°♑02'19	
morning max el	-188 Feb 04 j 11:46	14°♑48'48	27°14'51
desc. node	-188 Feb 04 j 12:01	14°♑49'27	
	-188 Feb 16 j 22:14	0°♒	
	-188 Mar 06 j 10:08	0°♓	
morning set	-188 Mar 10 j 20:58	8°♓25'31	
max. Earth dist.	-188 Mar 15 j 15:00	17°♓55'50	1.33819 AU
superior conj	-188 Mar 19 j 01:15	25°♓03'57	0°-47'-14
minimum elong	-188 Mar 19 j 03:31	25°♓15'52	0°46'48
	-188 Mar 21 j 09:08	0°♈	
asc. node	-188 Mar 23 j 16:41	4°♈55'38	
evening rise	-188 Mar 26 j 09:43	10°♈39'00	
	-188 Apr 05 j 12:46	0°♉	
evening max el	-188 Apr 16 j 05:31	14°♉10'23	21°59'38
retrograde	-188 Apr 28 j 21:11	20°♉21'55	
evening set	-188 May 01 j 14:16	20°♉05'35	
desc. node	-188 May 02 j 11:15	19°♉53'41	
inferior conj	-188 May 10 j 23:26	16°♉00'35	-2°-21'-41
minimum elong	-188 May 10 j 17:14	16°♉09'17	2°19'42
min. Earth dist.	-188 May 10 j 11:03	16°♉17'58	0.55097 AU
morning rise	-188 May 19 j 21:34	12°♉05'20	
direct	-188 May 22 j 20:14	11°♉45'59	
morning max el	-188 Jun 03 j 19:18	17°♉22'54	21°32'28
	-188 Jun 13 j 16:26	0°♊	
asc. node	-188 Jun 19 j 15:54	10°♊37'16	
morning set	-188 Jun 24 j 04:01	19°♊39'53	
	-188 Jun 29 j 02:17	0°♋	
superior conj	-188 Jul 01 j 13:27	5°♋09'56	1°37'29
minimum elong	-188 Jul 01 j 11:24	4°♋59'15	1°37'19
max. Earth dist.	-188 Jul 05 j 09:29	13°♋01'42	1.35047 AU
evening rise	-188 Jul 09 j 21:16	21°♋50'45	
	-188 Jul 14 j 06:42	0°♌	
desc. node	-188 Jul 29 j 10:33	24°♌35'12	
	-188 Aug 02 j 07:28	0°♍	
evening max el	-188 Aug 14 j 02:52	13°♍52'25	26°46'50
retrograde	-188 Aug 27 j 04:00	21°♍08'30	
evening set	-188 Sep 02 j 20:16	18°♍25'17	
min. Earth dist.	-188 Sep 06 j 20:24	14°♍20'34	0.65759 AU
inferior conj	-188 Sep 08 j 15:01	12°♍14'47	-2°-17'-52
minimum elong	-188 Sep 08 j 18:28	12°♍04'34	2°16'36
morning rise	-188 Sep 14 j 17:57	6°♍30'45	
asc. node	-188 Sep 15 j 15:05	6°♍07'19	
direct	-188 Sep 17 j 14:03	5°♍45'55	
morning max el	-188 Sep 24 j 04:59	9°♍23'57	18°25'54
	-188 Oct 08 j 13:56	0°♎	
morning set	-188 Oct 13 j 18:38	8°♎24'34	
desc. node	-188 Oct 25 j 09:51	27°♎02'45	
	-188 Oct 27 j 06:40	0°♏	
superior conj	-188 Oct 29 j 04:25	3°♏00'21	0°-24'-34
minimum elong	-188 Oct 29 j 01:10	2°♏47'36	0°24'09
max. Earth dist.	-188 Oct 30 j 15:45	5°♏19'24	1.45017 AU
evening rise	-188 Nov 14 j 12:08	28°♏38'52	
	-188 Nov 15 j 08:45	0°♐	
greatest brilliancy	-188 Nov 27 j 11:40	18°♐55'04	-0.7m
	-188 Dec 05 j 10:43	0°♑	
evening max el	-188 Dec 07 j 11:20	2°♑16'05	19°14'22
asc. node	-188 Dec 12 j 14:22	5°♑58'09	
retrograde	-188 Dec 14 j 12:30	6°♑18'38	
evening set	-188 Dec 17 j 19:28	5°♑15'35	
	-188 Dec 22 j 23:30	30°℞♐	
inferior conj	-188 Dec 23 j 11:17	29°♐22'32	3°07'56
minimum elong	-188 Dec 23 j 08:31	29°♐31'20	3°07'17
min. Earth dist.	-188 Dec 24 j 20:05	27°♐37'53	0.65985 AU
morning rise	-188 Dec 28 j 20:44	23°♐10'14	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-187 Jan 04 j 05:07	20°♐23'30	
morning max el	-187 Jan 16 j 21:12	27°♐51'53	26°16'33
	-187 Jan 18 j 22:06	0°♑	
desc. node	-187 Jan 21 j 09:03	2°♑47'05	
	-187 Feb 09 j 15:14	0°♒	
morning set	-187 Feb 22 j 00:02	21°♒30'43	
max. Earth dist.	-187 Feb 26 j 02:03	29°♒19'24	1.35181 AU
	-187 Feb 26 j 10:20	0°♓	
superior conj	-187 Mar 02 j 23:00	9°♓04'35	-1°-13'00
minimum elong	-187 Mar 03 j 02:21	9°♓21'40	1°12'28
evening rise	-187 Mar 10 j 17:43	25°♓10'06	
asc. node	-187 Mar 10 j 13:44	24°♓49'37	
	-187 Mar 13 j 02:48	0°♈	
evening max el	-187 Mar 29 j 08:38	25°♈15'37	20°35'41
	-187 Apr 05 j 17:19	0°♉	
retrograde	-187 Apr 09 j 10:03	0°♉35'08	
evening set	-187 Apr 11 j 14:15	0°♉23'38	
	-187 Apr 13 j 06:30	30°℞♈	
desc. node	-187 Apr 19 j 08:15	27°♈14'35	
inferior conj	-187 Apr 20 j 18:02	26°♈26'17	0°-24'-12
minimum elong	-187 Apr 20 j 16:54	26°♈27'55	0°23'48
min. Earth dist.	-187 Apr 22 j 00:24	25°♈42'31	0.55140 AU
morning rise	-187 Apr 29 j 17:58	22°♈14'04	
direct	-187 May 03 j 07:39	21°♈46'30	
morning max el	-187 May 16 j 15:03	28°♈14'14	23°10'04
	-187 May 18 j 09:31	0°♉	
	-187 Jun 06 j 09:48	0°♊	
asc. node	-187 Jun 06 j 12:59	0°♊16'13	
morning set	-187 Jun 08 j 15:12	4°♊35'49	
superior conj	-187 Jun 15 j 18:51	19°♊52'36	1°23'53
minimum elong	-187 Jun 15 j 16:21	19°♊39'19	1°23'33
max. Earth dist.	-187 Jun 18 j 07:29	25°♊14'14	1.33804 AU
	-187 Jun 20 j 14:28	0°♋	
evening rise	-187 Jun 23 j 11:14	5°♋47'17	
	-187 Jul 06 j 22:03	0°♌	
desc. node	-187 Jul 16 j 07:35	13°♌59'30	
evening max el	-187 Jul 27 j 14:35	27°♌13'32	27°19'34
	-187 Jul 30 j 18:21	0°♍	
retrograde	-187 Aug 10 j 02:13	4°♍32'46	
evening set	-187 Aug 17 j 04:04	1°♍49'13	
	-187 Aug 19 j 06:25	30°℞♌	
min. Earth dist.	-187 Aug 20 j 21:43	28°♌21'03	0.64431 AU
inferior conj	-187 Aug 23 j 05:26	25°♌51'03	-3°-10'-41
minimum elong	-187 Aug 23 j 09:55	25°♌38'57	3°09'18
morning rise	-187 Aug 29 j 17:33	20°♌22'40	
direct	-187 Sep 01 j 07:58	19°♌47'46	
asc. node	-187 Sep 02 j 12:10	19°♌54'58	
morning max el	-187 Sep 07 j 20:09	23°♌15'15	18°00'40
	-187 Sep 13 j 04:26	0°♍	
morning set	-187 Sep 25 j 06:34	19°♍48'04	
	-187 Oct 01 j 08:09	0°♎	
superior conj	-187 Oct 08 j 15:45	11°♎59'32	0°23'50
minimum elong	-187 Oct 08 j 18:29	12°♎10'32	0°23'28
desc. node	-187 Oct 12 j 06:52	17°♎48'46	
max. Earth dist.	-187 Oct 13 j 10:17	19°♎37'43	1.44527 AU
	-187 Oct 20 j 00:41	0°♏	
evening rise	-187 Oct 25 j 01:28	7°♏48'00	
	-187 Nov 08 j 17:00	0°♐	
greatest brilliancy	-187 Nov 13 j 22:19	7°♐27'02	-0.6m
evening max el	-187 Nov 20 j 16:01	15°♐44'06	20°09'34
retrograde	-187 Nov 28 j 10:03	20°♐17'09	
asc. node	-187 Nov 29 j 11:26	20°♐10'47	
evening set	-187 Dec 02 j 01:22	19°♐00'05	
inferior conj	-187 Dec 07 j 13:22	12°♐53'49	2°31'10
minimum elong	-187 Dec 07 j 10:38	13°♐02'59	2°30'19
min. Earth dist.	-187 Dec 08 j 08:49	11°♐48'32	0.66897 AU
morning rise	-187 Dec 12 j 19:21	6°♐38'54	
direct	-187 Dec 18 j 13:34	4°♐06'59	
morning max el	-187 Dec 30 j 05:49	11°♐04'01	24°58'56
desc. node	-186 Jan 08 j 06:05	21°♐37'58	
	-186 Jan 14 j 09:01	0°♑	
	-186 Feb 02 j 07:47	0°♒	
morning set	-186 Feb 04 j 09:15	3°♒38'02	
max. Earth dist.	-186 Feb 08 j 02:29	10°♒23'14	1.36965 AU
superior conj	-186 Feb 14 j 11:02	22°♒31'07	-1°-35'-53
minimum elong	-186 Feb 14 j 14:52	22°♒49'59	1°35'28
	-186 Feb 18 j 05:23	0°♓	
evening rise	-186 Feb 22 j 20:37	9°♓19'43	
asc. node	-186 Feb 25 j 10:46	14°♓28'01	
	-186 Mar 06 j 06:48	0°♈	
evening max el	-186 Mar 11 j 22:54	6°♈57'52	19°28'57
retrograde	-186 Mar 21 j 07:30	11°♈27'30	
evening set	-186 Mar 23 j 11:15	11°♈14'14	
inferior conj	-186 Mar 31 j 23:06	7°♈08'06	1°27'08
minimum elong	-186 Apr 01 j 02:29	7°♈02'37	1°26'02
min. Earth dist.	-186 Apr 03 j 14:51	5°♈25'31	0.56102 AU
desc. node	-186 Apr 06 j 05:18	3°♈54'04	
morning rise	-186 Apr 09 j 14:03	2°♈24'53	
direct	-186 Apr 14 j 03:48	1°♈37'37	
morning max el	-186 Apr 28 j 06:01	8°♈45'08	24°50'29
	-186 May 13 j 23:26	0°♉	
morning set	-186 May 24 j 03:15	19°♉34'58	
asc. node	-186 May 24 j 10:04	20°♉10'55	
	-186 May 28 j 23:31	0°♊	
superior conj	-186 May 31 j 04:14	4°♊47'05	1°05'57
minimum elong	-186 May 31 j 01:52	4°♊34'11	1°05'33
max. Earth dist.	-186 Jun 01 j 13:47	7°♊49'03	1.32943 AU
evening rise	-186 Jun 07 j 10:34	20°♊11'46	
	-186 Jun 12 j 09:55	0°♋	
	-186 Jul 01 j 02:16	0°♌	
desc. node	-186 Jul 03 j 04:37	2°♌39'55	
evening max el	-186 Jul 09 j 23:56	10°♌08'30	27°23'05
retrograde	-186 Jul 23 j 18:15	17°♌27'05	
evening set	-186 Jul 30 j 23:06	14°♌55'18	
min. Earth dist.	-186 Aug 03 j 13:02	11°♌57'50	0.62746 AU
inferior conj	-186 Aug 06 j 09:41	9°♌12'34	-3°-57'-3
minimum elong	-186 Aug 06 j 14:22	9°♌01'17	3°56'00
morning rise	-186 Aug 13 j 08:02	4°♌03'17	
direct	-186 Aug 15 j 19:13	3°♌35'23	
asc. node	-186 Aug 20 j 09:15	5°♌13'42	
morning max el	-186 Aug 22 j 11:44	7°♌00'44	17°53'21
	-186 Sep 06 j 10:29	0°♍	
morning set	-186 Sep 07 j 17:27	2°♍17'40	
superior conj	-186 Sep 19 j 04:40	22°♍15'49	1°03'08
minimum elong	-186 Sep 19 j 09:41	22°♍36'59	1°02'31
	-186 Sep 23 j 20:16	0°♎	
max. Earth dist.	-186 Sep 26 j 01:36	3°♎37'16	1.43369 AU
desc. node	-186 Sep 29 j 03:55	8°♎35'39	
evening rise	-186 Oct 04 j 08:30	16°♎45'27	
	-186 Oct 13 j 00:55	0°♏	
greatest brilliancy	-186 Oct 29 j 10:51	23°♏12'35	-0.4m
evening max el	-186 Nov 03 j 14:56	29°♏12'22	21°17'30
	-186 Nov 04 j 10:04	0°♐	
retrograde	-186 Nov 12 j 07:21	4°♐22'01	
evening set	-186 Nov 16 j 09:01	2°♐49'01	
asc. node	-186 Nov 16 j 08:28	2°♐50'05	
	-186 Nov 19 j 04:11	30°℞♏	
inferior conj	-186 Nov 21 j 18:55	26°♏32'57	1°47'22

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-186 Nov 21 j 16:42	26♏40'35	1°46'32
min. Earth dist.	-186 Nov 22 j 02:36	26♏06'30	0.67447 AU
morning rise	-186 Nov 27 j 00:04	20♏17'28	
direct	-186 Dec 02 j 02:54	18♏06'06	
morning max el	-186 Dec 12 j 14:45	24♏21'04	23°31'59
	-186 Dec 17 j 15:56	0♐	
desc. node	-186 Dec 26 j 03:08	11♐07'01	
	-185 Jan 07 j 20:18	0♑	
morning set	-185 Jan 16 j 18:25	14♑31'22	
max. Earth dist.	-185 Jan 20 j 21:41	21♑38'40	1.39031 AU
	-185 Jan 25 j 13:40	0♒	
superior conj	-185 Jan 28 j 09:26	5♒13'23	-1°-53'-16
minimum elong	-185 Jan 28 j 12:35	5♒28'05	1°53'05
evening rise	-185 Feb 06 j 15:47	23♒00'44	
	-185 Feb 10 j 07:14	0♓	
asc. node	-185 Feb 12 j 07:49	3♓45'06	
evening max el	-185 Feb 22 j 23:06	19♓16'03	18°41'59
retrograde	-185 Mar 02 j 22:17	23♓08'29	
evening set	-185 Mar 05 j 06:15	22♓49'48	
inferior conj	-185 Mar 12 j 23:36	18♓25'56	2°48'05
minimum elong	-185 Mar 13 j 03:53	18♓17'50	2°47'04
min. Earth dist.	-185 Mar 16 j 08:01	15♓55'37	0.57770 AU
morning rise	-185 Mar 20 j 21:24	13♓10'41	
desc. node	-185 Mar 24 j 02:20	12♓06'01	
direct	-185 Mar 26 j 13:49	11♓50'39	
morning max el	-185 Apr 09 j 22:12	19♓23'20	26°18'33
	-185 Apr 18 j 21:57	0♈	
	-185 May 06 j 09:59	0♉	
morning set	-185 May 08 j 14:26	4♉31'12	
asc. node	-185 May 11 j 07:06	10♉15'42	
superior conj	-185 May 15 j 15:38	19♉46'18	0°44'38
minimum elong	-185 May 15 j 13:48	19♉36'18	0°44'16
max. Earth dist.	-185 May 16 j 01:04	20♉38'05	1.32459 AU
	-185 May 20 j 08:31	0♊	
evening rise	-185 May 22 j 16:14	4♊54'16	
	-185 Jun 05 j 02:43	0♋	
desc. node	-185 Jun 20 j 01:40	20♋17'23	
evening max el	-185 Jun 22 j 04:17	22♋24'19	26°53'50
retrograde	-185 Jul 06 j 03:16	29♋40'59	
evening set	-185 Jul 13 j 00:57	27♋35'07	
min. Earth dist.	-185 Jul 16 j 18:08	24♋55'33	0.60783 AU
inferior conj	-185 Jul 20 j 00:22	22♋10'03	-4°-31'-12
minimum elong	-185 Jul 20 j 03:41	22♋02'58	4°30'49
morning rise	-185 Jul 27 j 09:32	17♋22'37	
direct	-185 Jul 29 j 19:52	16♋59'22	
morning max el	-185 Aug 06 j 00:40	20♋31'53	18°04'54
asc. node	-185 Aug 07 j 06:18	21♋48'50	
	-185 Aug 13 j 03:28	0♌	
morning set	-185 Aug 21 j 21:15	15♌35'37	
	-185 Aug 29 j 16:48	0♍	
superior conj	-185 Aug 31 j 20:24	3♍51'16	1°29'28
minimum elong	-185 Sep 01 j 00:29	4♍09'24	1°29'06
max. Earth dist.	-185 Sep 08 j 11:05	16♍59'31	1.41695 AU
evening rise	-185 Sep 14 j 03:04	26♍16'38	
desc. node	-185 Sep 16 j 00:58	29♍19'32	
	-185 Sep 16 j 11:12	0♎	
	-185 Oct 06 j 20:36	0♏	
greatest brilliancy	-185 Oct 12 j 12:28	7♏16'45	-0.3m
evening max el	-185 Oct 17 j 08:15	12♏41'27	22°34'20
retrograde	-185 Oct 27 j 02:41	18♏29'52	
evening set	-185 Oct 31 j 16:39	16♏39'27	
asc. node	-185 Nov 03 j 05:30	14♏03'55	
inferior conj	-185 Nov 06 j 01:57	10♏17'28	0°58'16
minimum elong	-185 Nov 06 j 00:38	10♏22'01	0°57'42
min. Earth dist.	-185 Nov 05 j 22:57	10♏27'50	0.67659 AU
morning rise	-185 Nov 11 j 08:31	4♏03'44	
direct	-185 Nov 15 j 20:20	2♏14'52	
morning max el	-185 Nov 25 j 02:51	7♏43'27	22°05'16
greatest brilliancy	-185 Nov 29 j 19:59	13♏02'19	-0.4m
	-185 Dec 12 j 06:51	0♐	
desc. node	-185 Dec 13 j 00:11	1♐03'19	
morning set	-185 Dec 27 j 22:38	24♐00'20	
	-185 Dec 31 j 14:55	0♑	
max. Earth dist.	-184 Jan 02 j 19:08	3♑37'03	1.41130 AU
superior conj	-184 Jan 10 j 13:18	16♑59'26	-2°-1'-30
minimum elong	-184 Jan 10 j 13:51	17♑01'50	2°01'30
	-184 Jan 17 j 17:17	0♒	
evening rise	-184 Jan 20 j 23:57	6♒05'31	
asc. node	-184 Jan 30 j 04:50	22♒33'49	
	-184 Feb 04 j 09:20	0♓	
evening max el	-184 Feb 06 j 06:28	2♓02'50	18°15'07
retrograde	-184 Feb 13 j 07:24	5♓34'01	
evening set	-184 Feb 15 j 20:03	5♓07'42	
inferior conj	-184 Feb 22 j 20:58	0♓22'43	3°33'54
minimum elong	-184 Feb 22 j 23:34	0♓17'00	3°33'34
	-184 Feb 23 j 07:17	30°♑℞	
min. Earth dist.	-184 Feb 26 j 06:03	27♒26'14	0.59813 AU
morning rise	-184 Feb 29 j 23:41	24♒44'02	
direct	-184 Mar 07 j 12:40	22♒45'56	
desc. node	-184 Mar 09 j 23:22	23♒01'49	
	-184 Mar 21 j 06:27	0♓	
morning max el	-184 Mar 21 j 19:35	0♓31'46	27°20'05
	-184 Apr 11 j 22:15	0♈	
morning set	-184 Apr 21 j 23:06	19♈18'27	
	-184 Apr 26 j 23:21	0♉	
asc. node	-184 Apr 27 j 04:09	0♉26'06	
max. Earth dist.	-184 Apr 28 j 13:48	3♉30'07	1.32340 AU
superior conj	-184 Apr 29 j 03:19	4♉44'17	0°20'41
minimum elong	-184 Apr 29 j 02:24	4♉39'14	0°20'30
evening rise	-184 May 06 j 01:51	19♉46'57	
	-184 May 11 j 02:33	0♊	
	-184 May 30 j 08:22	0♋	
evening max el	-184 Jun 03 j 02:07	3♋55'48	25°52'58
desc. node	-184 Jun 05 j 22:39	6♋25'57	
retrograde	-184 Jun 17 j 03:29	11♋08'15	
evening set	-184 Jun 23 j 05:13	9♋39'28	
min. Earth dist.	-184 Jun 27 j 14:41	7♋00'07	0.58728 AU
inferior conj	-184 Jun 30 j 21:54	4♋34'37	-4°-44'-6
minimum elong	-184 Jun 30 j 21:49	4♋34'48	4°44'07
morning rise	-184 Jul 08 j 18:05	0♋09'45	
	-184 Jul 09 j 10:59	30°♑℞	
direct	-184 Jul 11 j 05:40	29♊49'29	
	-184 Jul 12 j 23:33	0♋	
morning max el	-184 Jul 19 j 07:53	3♋40'09	18°36'26
asc. node	-184 Jul 24 j 03:21	9♋25'23	
morning set	-184 Aug 04 j 13:11	29♋29'27	
	-184 Aug 04 j 19:29	0♌	
superior conj	-184 Aug 13 j 10:11	16♌32'18	1°43'27
minimum elong	-184 Aug 13 j 12:08	16♌41'26	1°43'23
max. Earth dist.	-184 Aug 20 j 15:26	29♌38'02	1.39735 AU
	-184 Aug 20 j 20:27	0♍	
evening rise	-184 Aug 24 j 20:44	6♍53'00	
desc. node	-184 Sep 01 j 21:59	19♍56'34	
	-184 Sep 08 j 13:00	0♎	
evening max el	-184 Sep 28 j 21:40	26♎13'40	23°54'38
	-184 Oct 03 j 05:33	0♏	
retrograde	-184 Oct 09 j 18:40	2♏37'40	
evening set	-184 Oct 14 j 22:36	0♏29'11	

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	-184 Oct 15 j 11:44	30°℞♎	
inferior conj	-184 Oct 20 j 08:42	24°♎05'18	0°05'20
minimum elong	-184 Oct 20 j 08:34	24°♎05'45	0°05'15
transit middle	-184 Oct 20 j 08:34	24°♎05'45	0°05'15
transit begin	-184 Oct 20 j 06:00	24°♎14'30	
transit end	-184 Oct 20 j 11:09	23°♎57'00	
min. Earth dist.	-184 Oct 19 j 19:22	24°♎50'34	0.67552 AU
asc. node	-184 Oct 20 j 02:32	24°♎26'15	
morning rise	-184 Oct 25 j 18:42	17°♎56'06	
direct	-184 Oct 29 j 16:50	16°♎28'57	
morning max el	-184 Nov 06 j 21:18	21°♎14'37	20°46'16
greatest brilliancy	-184 Nov 12 j 18:42	28°♎10'06	-0.5m
	-184 Nov 14 j 04:00	0°♏	
desc. node	-184 Nov 28 j 21:14	21°♏19'05	
	-184 Dec 04 j 13:20	0°♐	
morning set	-184 Dec 06 j 01:41	2°♐21'07	
max. Earth dist.	-184 Dec 15 j 00:06	16°♐32'05	1.42976 AU
superior conj	-184 Dec 21 j 17:13	27°♐36'44	-1°-56'-4
minimum elong	-184 Dec 21 j 13:13	27°♐19'54	1°55'54
	-184 Dec 23 j 03:10	0°♑	
evening rise	-183 Jan 02 j 17:11	18°♑25'38	
	-183 Jan 09 j 06:54	0°♒	
asc. node	-183 Jan 16 j 01:51	10°♒44'58	
evening max el	-183 Jan 19 j 17:52	15°♒08'54	18°07'50
retrograde	-183 Jan 26 j 07:32	18°♒33'46	
evening set	-183 Jan 29 j 00:30	17°♒58'34	
inferior conj	-183 Feb 04 j 12:20	12°♒52'02	3°50'28
minimum elong	-183 Feb 04 j 12:39	12°♒51'13	3°50'27
min. Earth dist.	-183 Feb 07 j 11:25	9°♒54'29	0.61898 AU
morning rise	-183 Feb 10 j 22:26	6°♒58'14	
direct	-183 Feb 17 j 21:24	4°♒28'44	
desc. node	-183 Feb 24 j 20:24	6°♒38'12	
morning max el	-183 Mar 03 j 22:58	12°♒19'49	27°46'28
	-183 Mar 17 j 23:47	0°♓	
	-183 Apr 04 j 05:46	0°♈	
morning set	-183 Apr 06 j 03:11	3°♈48'36	
max. Earth dist.	-183 Apr 12 j 00:07	16°♈10'40	1.32596 AU
superior conj	-183 Apr 13 j 13:35	19°♈33'50	0°-5'-6
minimum elong	-183 Apr 13 j 13:49	19°♈35'07	0°05'04
behind sun begin	-183 Apr 13 j 08:56	19°♈08'34	
behind sun end	-183 Apr 13 j 18:42	20°♈01'41	
asc. node	-183 Apr 14 j 01:10	20°♈36'55	
	-183 Apr 18 j 08:42	0°♉	
evening rise	-183 Apr 20 j 13:21	4°♉41'27	
	-183 May 04 j 03:05	0°♊	
evening max el	-183 May 15 j 18:10	14°♊47'37	24°28'13
desc. node	-183 May 23 j 19:39	20°♊30'53	
retrograde	-183 May 29 j 16:10	21°♊49'03	
evening set	-183 Jun 03 j 10:33	20°♊58'08	
min. Earth dist.	-183 Jun 09 j 05:34	18°♊02'30	0.56856 AU
inferior conj	-183 Jun 11 j 23:32	16°♊17'08	-4°-23'-28
minimum elong	-183 Jun 11 j 18:46	16°♊24'48	4°22'49
morning rise	-183 Jun 20 j 06:46	12°♊12'21	
direct	-183 Jun 22 j 21:06	11°♊53'52	
morning max el	-183 Jul 02 j 06:24	16°♊15'34	19°28'59
asc. node	-183 Jul 11 j 00:24	27°♊49'20	
	-183 Jul 12 j 07:02	0°♋	
morning set	-183 Jul 19 j 13:39	13°♋49'44	
superior conj	-183 Jul 27 j 16:24	0°♌03'17	1°47'14
minimum elong	-183 Jul 27 j 16:19	0°♌02'55	1°47'14
	-183 Jul 27 j 15:43	0°♌	
max. Earth dist.	-183 Aug 02 j 18:45	11°♌41'51	1.37739 AU
evening rise	-183 Aug 06 j 14:59	18°♌39'38	
	-183 Aug 13 j 06:14	0°♍	
desc. node	-183 Aug 19 j 19:00	10°♍22'20	
	-183 Sep 02 j 18:13	0°♎	
evening max el	-183 Sep 11 j 09:23	9°♎49'43	25°11'27
retrograde	-183 Sep 23 j 06:23	16°♎41'39	
evening set	-183 Sep 29 j 01:11	14°♎16'06	
min. Earth dist.	-183 Oct 03 j 13:27	9°♎12'46	0.67125 AU
inferior conj	-183 Oct 04 j 13:27	7°♎54'24	0°-49'-58
minimum elong	-183 Oct 04 j 14:42	7°♎50'18	0°49'27
asc. node	-183 Oct 06 j 23:35	4°♎52'20	
morning rise	-183 Oct 10 j 04:45	1°♎52'41	
direct	-183 Oct 13 j 15:02	0°♎44'45	
morning max el	-183 Oct 20 j 23:32	4°♎56'17	19°39'46
greatest brilliancy	-183 Oct 29 j 05:31	15°♎19'06	-0.6m
	-183 Nov 08 j 02:12	0°♏	
morning set	-183 Nov 14 j 23:18	10°♏35'19	
desc. node	-183 Nov 15 j 18:16	11°♏48'44	
	-183 Nov 27 j 08:58	0°♐	
max. Earth dist.	-183 Nov 27 j 12:53	0°♐15'33	1.44310 AU
superior conj	-183 Dec 01 j 18:16	7°♐00'35	-1°-32'-59
minimum elong	-183 Dec 01 j 10:18	6°♐28'34	1°32'17
evening rise	-183 Dec 15 j 15:12	29°♐53'52	
	-183 Dec 15 j 16:39	0°♑	
asc. node	-182 Jan 02 j 22:52	28°♑07'49	
evening max el	-182 Jan 03 j 06:25	28°♑27'17	18°19'34
	-182 Jan 04 j 23:20	0°♒	
retrograde	-182 Jan 09 j 18:25	1°♒58'46	
evening set	-182 Jan 12 j 15:54	1°♒13'48	
	-182 Jan 14 j 12:49	30°℞♑	
inferior conj	-182 Jan 18 j 17:52	25°♑47'02	3°45'26
minimum elong	-182 Jan 18 j 16:24	25°♑51'10	3°45'18
min. Earth dist.	-182 Jan 21 j 02:14	23°♑08'57	0.63768 AU
morning rise	-182 Jan 24 j 15:21	19°♑43'27	
direct	-182 Jan 31 j 14:04	16°♑56'07	
desc. node	-182 Feb 11 j 17:27	22°♑22'25	
morning max el	-182 Feb 14 j 06:55	24°♑46'10	27°36'02
	-182 Feb 19 j 01:36	0°♒	
	-182 Mar 11 j 09:25	0°♓	
morning set	-182 Mar 21 j 00:16	17°♓54'02	
max. Earth dist.	-182 Mar 26 j 04:10	28°♓27'22	1.33254 AU
	-182 Mar 26 j 21:46	0°♈	
superior conj	-182 Mar 28 j 20:40	4°♈09'19	0°-31'-50
minimum elong	-182 Mar 28 j 22:12	4°♈17'29	0°31'32
asc. node	-182 Mar 31 j 22:13	10°♈44'20	
evening rise	-182 Apr 05 j 00:59	19°♈31'41	
	-182 Apr 10 j 04:54	0°♉	
evening max el	-182 Apr 27 j 09:07	25°♉21'21	22°53'03
	-182 May 03 j 12:18	0°♊	
retrograde	-182 May 10 j 16:10	1°♊56'59	
desc. node	-182 May 10 j 16:40	1°♊56'59	
evening set	-182 May 14 j 00:43	1°♊32'19	
	-182 May 18 j 05:36	30°℞♉	
min. Earth dist.	-182 May 21 j 18:06	28°♉07'34	0.55510 AU
inferior conj	-182 May 23 j 06:00	27°♉15'53	-3°-18'-32
minimum elong	-182 May 22 j 22:46	27°♉26'19	3°16'37
morning rise	-182 May 31 j 23:41	23°♉22'18	
direct	-182 Jun 03 j 18:11	23°♉04'16	
morning max el	-182 Jun 14 j 18:12	28°♉10'26	20°42'16
	-182 Jun 16 j 14:01	0°♊	
asc. node	-182 Jun 27 j 21:28	16°♊49'15	
morning set	-182 Jul 03 j 19:56	28°♊28'46	
	-182 Jul 04 j 13:42	0°♋	
superior conj	-182 Jul 11 j 10:20	14°♋10'36	1°42'55
minimum elong	-182 Jul 11 j 08:49	14°♋02'50	1°42'51
max. Earth dist.	-182 Jul 16 j 02:25	23°♋31'32	1.35931 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-182 Jul 19 j 11:24	0°♌	
evening rise	-182 Jul 20 j 05:59	1°♌26'56	
	-182 Aug 06 j 07:42	0°♍	
desc. node	-182 Aug 06 j 16:01	0°♍30'52	
evening max el	-182 Aug 24 j 20:57	23°♍25'53	26°17'06
	-182 Sep 03 j 06:14	0°♎	
retrograde	-182 Sep 06 j 13:15	0°♎36'04	
	-182 Sep 09 j 15:27	30°℞♍	
evening set	-182 Sep 12 j 22:25	27°♍57'08	
min. Earth dist.	-182 Sep 17 j 02:44	23°♍31'05	0.66361 AU
inferior conj	-182 Sep 18 j 14:20	21°♍41'29	-1°-46'-3
minimum elong	-182 Sep 18 j 17:01	21°♍33'13	1°44'59
asc. node	-182 Sep 23 j 20:39	16°♍15'33	
morning rise	-182 Sep 24 j 12:37	15°♍50'21	
direct	-182 Sep 27 j 13:13	14°♍58'13	
morning max el	-182 Oct 04 j 08:36	18°♍45'38	18°48'14
	-182 Oct 12 j 22:52	0°♎	
morning set	-182 Oct 25 j 15:01	19°♎48'23	
	-182 Nov 01 j 01:52	0°♏	
desc. node	-182 Nov 02 j 15:17	2°♏27'21	
superior conj	-182 Nov 10 j 22:26	15°♏30'15	0°-52'-36
minimum elong	-182 Nov 10 j 15:51	15°♏04'21	0°51'47
max. Earth dist.	-182 Nov 10 j 06:18	14°♏26'48	1.44970 AU
	-182 Nov 20 j 02:25	0°♐	
evening rise	-182 Nov 26 j 14:10	10°♐23'19	
	-182 Dec 08 j 21:12	0°♑	
evening max el	-182 Dec 17 j 17:30	11°♑51'42	18°49'27
asc. node	-182 Dec 20 j 19:56	14°♑28'18	
retrograde	-182 Dec 24 j 11:56	15°♑40'36	
evening set	-182 Dec 27 j 14:55	14°♑44'38	
inferior conj	-181 Jan 02 j 09:47	9°♑00'11	3°24'59
minimum elong	-181 Jan 02 j 07:17	9°♑07'51	3°24'31
min. Earth dist.	-181 Jan 04 j 02:51	6°♑54'08	0.65286 AU
morning rise	-181 Jan 07 j 22:35	2°♑50'07	
	-181 Jan 14 j 05:21	30°℞♐	
direct	-181 Jan 14 j 13:30	29°♐59'35	
	-181 Jan 14 j 21:41	0°♑	
morning max el	-181 Jan 27 j 16:45	7°♑39'59	26°53'02
desc. node	-181 Jan 29 j 14:29	9°♑39'09	
	-181 Feb 14 j 01:44	0°♒	
	-181 Mar 03 j 17:19	0°♓	
morning set	-181 Mar 04 j 11:07	1°♓24'49	
max. Earth dist.	-181 Mar 08 j 22:15	10°♓11'01	1.34345 AU
superior conj	-181 Mar 12 j 22:32	18°♓24'28	0°-58'-23
minimum elong	-181 Mar 13 j 01:18	18°♓38'53	0°57'54
	-181 Mar 18 j 10:49	0°♈	
asc. node	-181 Mar 18 j 19:16	0°♈44'25	
evening rise	-181 Mar 20 j 10:53	4°♈11'28	
	-181 Apr 03 j 23:18	0°♉	
evening max el	-181 Apr 09 j 06:15	6°♉08'12	21°22'02
retrograde	-181 Apr 21 j 07:01	11°♉59'11	
evening set	-181 Apr 23 j 16:31	11°♉46'01	
desc. node	-181 Apr 27 j 13:41	10°♉34'34	
inferior conj	-181 May 03 j 01:06	7°♉45'58	-1°-33'-16
minimum elong	-181 May 02 j 20:44	7°♉52'06	1°31'46
min. Earth dist.	-181 May 03 j 07:00	7°♉37'40	0.54990 AU
morning rise	-181 May 12 j 01:12	3°♉46'02	
direct	-181 May 15 j 04:44	3°♉24'29	
morning max el	-181 May 27 j 19:19	9°♉23'37	22°13'01
	-181 Jun 11 j 11:43	0°♊	
asc. node	-181 Jun 14 j 18:32	6°♊16'13	
morning set	-181 Jun 18 j 05:54	13°♊20'30	
superior conj	-181 Jun 25 j 12:26	28°♊43'34	1°32'19
minimum elong	-181 Jun 25 j 10:07	28°♊31'25	1°32'05
	-181 Jun 26 j 02:58	0°♋	
max. Earth dist.	-181 Jun 28 j 18:42	5°♋31'08	1.34461 AU
evening rise	-181 Jul 03 j 12:54	15°♋02'18	
	-181 Jul 11 j 16:12	0°♌	
desc. node	-181 Jul 24 j 13:03	20°♌14'36	
	-181 Jul 31 j 23:52	0°♍	
evening max el	-181 Aug 07 j 08:47	6°♍55'24	27°03'55
retrograde	-181 Aug 20 j 15:01	14°♍14'17	
evening set	-181 Aug 27 j 12:01	11°♍29'14	
min. Earth dist.	-181 Aug 31 j 09:03	7°♍40'42	0.65239 AU
inferior conj	-181 Sep 02 j 09:18	5°♍23'27	-2°-40'-49
minimum elong	-181 Sep 02 j 13:15	5°♍12'10	2°39'26
	-181 Sep 08 j 05:18	30°℞♌	
morning rise	-181 Sep 08 j 16:02	29°♌45'57	
asc. node	-181 Sep 10 j 17:43	29°♌08'11	
direct	-181 Sep 11 j 09:20	29°♌05'53	
	-181 Sep 14 j 14:12	0°♍	
morning max el	-181 Sep 17 j 22:23	2°♍38'27	18°13'04
morning set	-181 Oct 06 j 11:11	0°♎26'05	
	-181 Oct 06 j 04:51	0°♎	
desc. node	-181 Oct 20 j 12:20	23°♎11'50	
superior conj	-181 Oct 21 j 01:00	24°♎02'04	0°-3'-28
minimum elong	-181 Oct 21 j 00:33	24°♎00'17	0°03'26
behind sun begin	-181 Oct 20 j 13:46	23°♎17'29	
behind sun end	-181 Oct 21 j 11:20	24°♎43'02	
max. Earth dist.	-181 Oct 24 j 00:55	28°♎46'19	1.44896 AU
	-181 Oct 24 j 19:37	0°♏	
evening rise	-181 Nov 06 j 13:56	19°♏56'32	
	-181 Nov 13 j 01:24	0°♐	
greatest brilliancy	-181 Nov 22 j 19:49	14°♐46'13	-0.7m
evening max el	-181 Dec 01 j 00:59	25°♐18'56	19°36'03
asc. node	-181 Dec 07 j 16:59	29°♐31'35	
retrograde	-181 Dec 08 j 08:47	29°♐34'01	
evening set	-181 Dec 11 j 18:57	28°♐25'24	
inferior conj	-181 Dec 17 j 08:56	22°♐26'13	2°53'19
minimum elong	-181 Dec 17 j 06:07	22°♐35'26	2°52'34
min. Earth dist.	-181 Dec 18 j 11:52	20°♐58'03	0.66419 AU
morning rise	-181 Dec 22 j 16:32	16°♐12'16	
direct	-181 Dec 28 j 19:05	13°♐30'45	
morning max el	-180 Jan 10 j 02:01	20°♐48'17	25°45'12
desc. node	-180 Jan 16 j 11:32	28°♐01'33	
	-180 Jan 18 j 01:17	0°♑	
	-180 Feb 07 j 05:55	0°♒	
morning set	-180 Feb 15 j 07:20	14°♒07'29	
max. Earth dist.	-180 Feb 19 j 04:15	21°♒22'18	1.35888 AU
	-180 Feb 23 j 14:17	0°♓	
superior conj	-180 Feb 24 j 16:33	2°♓11'24	-1°-23'-13
minimum elong	-180 Feb 24 j 20:12	2°♓29'49	1°22'43
evening rise	-180 Mar 03 j 17:00	18°♓33'56	
asc. node	-180 Mar 04 j 16:19	20°♓32'09	
	-180 Mar 09 j 12:48	0°♈	
evening max el	-180 Mar 21 j 14:07	17°♈28'46	20°05'00
retrograde	-180 Mar 31 j 22:07	22°♈26'08	
evening set	-180 Apr 03 j 00:48	22°♈14'37	
inferior conj	-180 Apr 11 j 22:38	18°♈15'25	0°25'40
minimum elong	-180 Apr 11 j 23:47	18°♈13'41	0°25'16
desc. node	-180 Apr 13 j 10:44	17°♈21'05	
min. Earth dist.	-180 Apr 13 j 21:06	17°♈05'40	0.55436 AU
morning rise	-180 Apr 20 j 19:58	13°♈50'33	
direct	-180 Apr 24 j 18:52	13°♈16'14	
morning max el	-180 May 08 j 12:25	20°♈03'40	23°53'20
	-180 May 16 j 21:58	0°♉	
asc. node	-180 May 31 j 15:36	26°♉02'14	
morning set	-180 Jun 01 j 17:37	28°♉18'07	
	-180 Jun 02 j 12:56	0°♊	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-180 Jun 08 j 19:47	13°♊32'08	1°16'45
minimum elong	-180 Jun 08 j 17:17	13°♊18'40	1°16'23
max. Earth dist.	-180 Jun 10 j 20:16	17°♊52'02	1.33385 AU
evening rise	-180 Jun 16 j 07:16	29°♊11'54	
	-180 Jun 16 j 16:52	0°♋	
	-180 Jul 03 j 18:55	0°♌	
desc. node	-180 Jul 10 j 10:05	9°♌22'00	
evening max el	-180 Jul 19 j 19:41	20°♌06'29	27°24'58
retrograde	-180 Aug 02 j 10:56	27°♌26'32	
evening set	-180 Aug 09 j 14:53	24°♌46'21	
min. Earth dist.	-180 Aug 13 j 06:23	21°♌32'11	0.63749 AU
inferior conj	-180 Aug 15 j 19:45	18°♌54'05	-3°-31'-26
minimum elong	-180 Aug 16 j 00:27	18°♌41'57	3°30'09
morning rise	-180 Aug 22 j 12:07	13°♌33'25	
direct	-180 Aug 25 j 00:43	13°♌01'57	
asc. node	-180 Aug 27 j 14:47	13°♌35'21	
morning max el	-180 Aug 31 j 14:03	16°♌27'52	17°55'17
	-180 Sep 10 j 04:49	0°♍	
morning set	-180 Sep 17 j 09:39	12°♍19'42	
	-180 Sep 27 j 19:03	0°♎	
superior conj	-180 Sep 29 j 22:20	3°♎31'44	0°41'59
minimum elong	-180 Sep 30 j 02:33	3°♎49'01	0°41'25
max. Earth dist.	-180 Oct 05 j 17:50	12°♎56'40	1.44108 AU
desc. node	-180 Oct 06 j 09:24	13°♎58'45	
evening rise	-180 Oct 15 j 22:24	28°♎55'04	
	-180 Oct 16 j 15:16	0°♏	
	-180 Nov 05 j 22:30	0°♐	
greatest brilliancy	-180 Nov 07 j 04:44	1°♐41'15	-0.5m
evening max el	-180 Nov 13 j 03:19	8°♐47'31	20°37'09
retrograde	-180 Nov 21 j 06:25	13°♐35'37	
asc. node	-180 Nov 23 j 14:01	13°♐05'06	
evening set	-180 Nov 25 j 01:49	12°♐12'13	
inferior conj	-180 Nov 30 j 12:45	6°♐01'33	2°13'22
minimum elong	-180 Nov 30 j 10:11	6°♐10'17	2°12'29
min. Earth dist.	-180 Dec 01 j 03:08	5°♐12'38	0.67175 AU
	-180 Dec 05 j 11:55	30°℞♏	
morning rise	-180 Dec 05 j 18:04	29°♏46'00	
direct	-180 Dec 11 j 05:53	27°♏22'02	
	-180 Dec 17 j 19:56	0°♐	
morning max el	-180 Dec 22 j 10:20	4°♐02'24	24°22'24
desc. node	-179 Jan 02 j 08:35	17°♐10'35	
	-179 Jan 11 j 08:40	0°♑	
morning set	-179 Jan 27 j 07:09	25°♑45'51	
	-179 Jan 29 j 16:49	0°♒	
max. Earth dist.	-179 Jan 31 j 01:07	2°♒25'02	1.37820 AU
superior conj	-179 Feb 06 j 23:23	15°♒21'08	-1°-44'-9
minimum elong	-179 Feb 07 j 03:07	15°♒39'06	1°43'48
	-179 Feb 14 j 10:14	0°♓	
evening rise	-179 Feb 15 j 16:59	2°♓32'26	
asc. node	-179 Feb 19 j 13:22	10°♓02'24	
evening max el	-179 Mar 04 j 09:03	29°♓27'50	19°06'33
	-179 Mar 04 j 22:52	0°♈	
retrograde	-179 Mar 13 j 01:57	3°♈39'12	
evening set	-179 Mar 15 j 07:24	3°♈23'56	
	-179 Mar 22 j 06:43	30°℞♓	
inferior conj	-179 Mar 23 j 11:22	29°♓11'18	2°05'50
minimum elong	-179 Mar 23 j 15:36	29°♓04'02	2°04'36
min. Earth dist.	-179 Mar 26 j 12:36	27°♓06'12	0.56747 AU
desc. node	-179 Mar 31 j 07:45	24°♓26'01	
morning rise	-179 Mar 31 j 19:41	24°♓13'56	
direct	-179 Apr 05 j 21:21	23°♓13'45	
	-179 Apr 19 j 12:48	0°♈	
morning max el	-179 Apr 20 j 03:03	0°♈33'43	25°30'15
	-179 May 10 j 14:04	0°♉	
morning set	-179 May 17 j 05:28	13°♉16'18	
asc. node	-179 May 18 j 12:39	16°♉01'37	
superior conj	-179 May 24 j 06:14	28°♉29'06	0°57'16
minimum elong	-179 May 24 j 04:03	28°♉17'08	0°56'53
	-179 May 24 j 22:53	0°♊	
max. Earth dist.	-179 May 25 j 05:04	0°♊33'44	1.32696 AU
evening rise	-179 May 31 j 09:38	13°♊45'06	
	-179 Jun 08 j 19:06	0°♋	
desc. node	-179 Jun 27 j 07:06	27°♋37'54	
	-179 Jun 29 j 09:48	0°♌	
evening max el	-179 Jul 02 j 03:25	2°♌46'23	27°14'47
retrograde	-179 Jul 16 j 00:03	10°♌03'43	
evening set	-179 Jul 23 j 03:06	7°♌41'42	
min. Earth dist.	-179 Jul 26 j 17:26	4°♌53'25	0.61935 AU
inferior conj	-179 Jul 29 j 18:38	2°♌06'10	-4°-13'-30
minimum elong	-179 Jul 29 j 22:58	1°♌56'14	4°12'44
	-179 Aug 01 j 03:50	30°℞♋	
morning rise	-179 Aug 05 j 21:30	27°♋05'33	
direct	-179 Aug 08 j 08:02	26°♋39'49	
asc. node	-179 Aug 14 j 11:50	29°♋27'44	
morning max el	-179 Aug 15 j 04:46	0°♌07'16	17°55'51
	-179 Aug 15 j 01:46	0°♌	
morning set	-179 Aug 31 j 04:22	25°♌11'24	
	-179 Sep 02 j 20:06	0°♍	
superior conj	-179 Sep 10 j 22:53	14°♍21'44	1°15'55
minimum elong	-179 Sep 11 j 03:46	14°♍42'49	1°15'24
max. Earth dist.	-179 Sep 18 j 06:56	26°♍42'09	1.42709 AU
	-179 Sep 20 j 07:30	0°♎	
desc. node	-179 Sep 23 j 06:26	4°♎44'32	
evening rise	-179 Sep 25 j 08:16	8°♎01'25	
	-179 Oct 09 j 21:21	0°♏	
greatest brilliancy	-179 Oct 22 j 04:30	16°♏48'02	-0.4m
evening max el	-179 Oct 26 j 23:53	22°♏16'26	21°49'29
retrograde	-179 Nov 05 j 02:55	27°♏42'00	
evening set	-179 Nov 09 j 09:38	26°♏01'46	
asc. node	-179 Nov 10 j 11:03	25°♏05'34	
inferior conj	-179 Nov 14 j 19:08	19°♏42'58	1°27'07
minimum elong	-179 Nov 14 j 17:15	19°♏49'28	1°26'22
min. Earth dist.	-179 Nov 14 j 22:12	19°♏32'22	0.67580 AU
morning rise	-179 Nov 20 j 00:37	13°♏28'07	
direct	-179 Nov 24 j 21:05	11°♏26'06	
morning max el	-179 Dec 04 j 20:01	17°♏20'44	22°54'35
greatest brilliancy	-179 Dec 09 j 13:31	22°♏38'07	-0.3m
	-179 Dec 15 j 06:59	0°♐	
desc. node	-179 Dec 20 j 05:37	6°♐52'23	
	-178 Jan 04 j 11:09	0°♑	
morning set	-178 Jan 08 j 04:16	6°♑03'16	
max. Earth dist.	-178 Jan 12 j 20:40	13°♑56'57	1.39944 AU
superior conj	-178 Jan 20 j 14:35	27°♑41'22	-1°-58'-8
minimum elong	-178 Jan 20 j 16:53	27°♑51'55	1°58'03
	-178 Jan 21 j 20:45	0°♒	
evening rise	-178 Jan 30 j 07:53	15°♒58'59	
asc. node	-178 Feb 06 j 10:23	29°♒08'16	
	-178 Feb 06 j 22:19	0°♓	
evening max el	-178 Feb 15 j 12:40	11°♓59'08	18°28'03
retrograde	-178 Feb 23 j 00:45	15°♓40'24	
evening set	-178 Feb 25 j 10:55	15°♓18'30	
inferior conj	-178 Mar 04 j 20:51	10°♓45'32	3°11'35
minimum elong	-178 Mar 05 j 00:37	10°♓37'57	3°10'51
min. Earth dist.	-178 Mar 08 j 07:09	8°♓01'23	0.58623 AU
morning rise	-178 Mar 12 j 10:31	5°♓19'28	
desc. node	-178 Mar 18 j 04:47	3°♓43'40	
direct	-178 Mar 18 j 12:54	3°♓43'22	
morning max el	-178 Apr 01 j 20:59	11°♓21'47	26°48'38
	-178 Apr 16 j 08:21	0°♈	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-178 May 01 j 15:48	28°♈09'12	
	-178 May 02 j 12:52	0°♉	
asc. node	-178 May 05 j 09:42	6°♉09'06	
superior conj	-178 May 08 j 17:56	13°♉28'04	0°34'44
minimum elong	-178 May 08 j 16:27	13°♉19'58	0°34'26
max. Earth dist.	-178 May 08 j 17:36	13°♉26'16	1.32370 AU
evening rise	-178 May 15 j 17:14	28°♉32'44	
	-178 May 16 j 09:58	0°♊	
	-178 Jun 02 j 04:56	0°♋	
evening max el	-178 Jun 14 j 05:14	14°♋43'53	26°31'31
desc. node	-178 Jun 14 j 04:05	14°♋41'07	
retrograde	-178 Jun 28 j 05:10	21°♋58'17	
evening set	-178 Jul 04 j 20:12	20°♋07'18	
min. Earth dist.	-178 Jul 08 j 18:26	17°♋30'16	0.59908 AU
inferior conj	-178 Jul 12 j 02:28	14°♋50'55	-4°-39'-59
minimum elong	-178 Jul 12 j 04:35	14°♋46'39	4°39'51
morning rise	-178 Jul 19 j 16:17	10°♋13'01	
direct	-178 Jul 22 j 03:06	9°♋51'03	
morning max el	-178 Jul 29 j 15:35	13°♋29'31	18°15'51
asc. node	-178 Aug 01 j 08:54	16°♋30'47	
	-178 Aug 09 j 21:01	0°♌	
morning set	-178 Aug 14 j 13:51	8°♌46'17	
superior conj	-178 Aug 24 j 00:43	26°♌27'15	1°36'48
minimum elong	-178 Aug 24 j 03:56	26°♌41'53	1°36'35
	-178 Aug 25 j 23:53	0°♍	
max. Earth dist.	-178 Aug 31 j 14:37	9°♍48'29	1.40880 AU
evening rise	-178 Sep 05 j 11:54	17°♍58'15	
desc. node	-178 Sep 10 j 03:27	25°♍26'04	
	-178 Sep 13 j 01:45	0°♎	
greatest brilliancy	-178 Oct 03 j 21:43	29°♎19'18	-0.2m
	-178 Oct 04 j 11:05	0°♏	
evening max el	-178 Oct 09 j 15:18	5°♏46'50	23°08'27
retrograde	-178 Oct 19 j 20:54	11°♏50'44	
evening set	-178 Oct 24 j 16:46	9°♏52'22	
asc. node	-178 Oct 28 j 08:04	5°♏52'03	
inferior conj	-178 Oct 30 j 02:14	3°♏29'09	0°36'12
minimum elong	-178 Oct 30 j 01:23	3°♏32'03	0°35'50
min. Earth dist.	-178 Oct 29 j 18:46	3°♏54'51	0.67654 AU
	-178 Nov 01 j 17:46	30°℞♎	
morning rise	-178 Nov 04 j 10:03	27°♎17'18	
direct	-178 Nov 08 j 15:50	25°♎38'00	
	-178 Nov 16 j 15:28	0°♏	
morning max el	-178 Nov 17 j 10:38	0°♏47'06	21°30'29
greatest brilliancy	-178 Nov 22 j 12:05	6°♏34'06	-0.4m
desc. node	-178 Dec 07 j 02:41	26°♏57'58	
	-178 Dec 09 j 03:22	0°♐	
morning set	-178 Dec 18 j 20:29	14°♐59'01	
max. Earth dist.	-178 Dec 25 j 21:36	26°♐21'50	1.41969 AU
	-178 Dec 28 j 02:08	0°♑	
superior conj	-177 Jan 02 j 08:52	8°♑59'32	-2°-1'-7
minimum elong	-177 Jan 02 j 07:39	8°♑54'16	2°01'08
evening rise	-177 Jan 13 j 10:15	28°♑46'12	
	-177 Jan 14 j 02:25	0°♒	
asc. node	-177 Jan 24 j 07:23	17°♒42'16	
evening max el	-177 Jan 29 j 22:03	24°♒54'45	18°09'31
retrograde	-177 Feb 05 j 17:01	28°♒21'50	
evening set	-177 Feb 08 j 07:27	27°♒51'54	
inferior conj	-177 Feb 15 j 02:22	22°♒57'20	3°44'01
minimum elong	-177 Feb 15 j 03:59	22°♒53'32	3°43'53
min. Earth dist.	-177 Feb 18 j 07:57	19°♒57'36	0.60716 AU
morning rise	-177 Feb 21 j 21:34	17°♒11'05	
direct	-177 Feb 28 j 15:54	14°♒58'37	
desc. node	-177 Mar 05 j 01:49	15°♒50'38	
morning max el	-177 Mar 14 j 21:12	22°♒47'19	27°35'54
	-177 Mar 21 j 07:11	0°♓	
	-177 Apr 09 j 10:15	0°♈	
morning set	-177 Apr 15 j 22:47	12°♈50'13	
max. Earth dist.	-177 Apr 22 j 05:55	26°♈15'38	1.32404 AU
asc. node	-177 Apr 22 j 06:43	26°♈20'03	
superior conj	-177 Apr 23 j 05:13	28°♈23'00	0°09'55
minimum elong	-177 Apr 23 j 04:46	28°♈20'31	0°09'50
behind sun begin	-177 Apr 23 j 00:46	27°♈58'42	
behind sun end	-177 Apr 23 j 08:45	28°♈42'20	
	-177 Apr 23 j 22:56	0°♉	
evening rise	-177 Apr 30 j 03:54	13°♉26'51	
	-177 May 08 j 12:58	0°♊	
evening max el	-177 May 27 j 00:02	25°♊55'54	25°19'02
desc. node	-177 Jun 01 j 01:05	0°♋01'40	
	-177 Jun 01 j 00:04	0°♋	
retrograde	-177 Jun 10 j 00:47	3°♋05'28	
evening set	-177 Jun 15 j 14:30	1°♋53'09	
	-177 Jun 19 j 04:08	30°℞♊	
min. Earth dist.	-177 Jun 20 j 11:52	29°♊08'55	0.57886 AU
inferior conj	-177 Jun 23 j 15:42	26°♊58'02	-4°-40'-15
minimum elong	-177 Jun 23 j 13:38	27°♊01'38	4°40'08
morning rise	-177 Jul 01 j 16:39	22°♊42'49	
direct	-177 Jul 04 j 05:19	22°♊23'26	
morning max el	-177 Jul 12 j 19:29	26°♊25'13	18°56'19
	-177 Jul 16 j 01:20	0°♋	
asc. node	-177 Jul 19 j 05:57	4°♋28'59	
morning set	-177 Jul 29 j 09:47	22°♋52'18	
	-177 Aug 02 j 00:35	0°♌	
superior conj	-177 Aug 06 j 22:10	9°♌31'41	1°46'11
minimum elong	-177 Aug 06 j 23:13	9°♌36'38	1°46'09
max. Earth dist.	-177 Aug 13 j 17:46	22°♌09'50	1.38867 AU
evening rise	-177 Aug 17 j 16:14	29°♌04'35	
	-177 Aug 18 j 05:09	0°♍	
desc. node	-177 Aug 28 j 00:28	15°♍58'48	
	-177 Sep 06 j 11:54	0°♎	
evening max el	-177 Sep 22 j 03:30	19°♎19'48	24°28'08
retrograde	-177 Oct 03 j 11:17	25°♎57'27	
evening set	-177 Oct 08 j 21:31	23°♎41'12	
min. Earth dist.	-177 Oct 13 j 14:28	18°♎17'24	0.67407 AU
inferior conj	-177 Oct 14 j 08:20	17°♎17'30	0°-17'-57
minimum elong	-177 Oct 14 j 08:47	17°♎16'02	0°17'46
asc. node	-177 Oct 15 j 05:07	16°♎08'20	
morning rise	-177 Oct 19 j 20:24	11°♎11'15	
direct	-177 Oct 23 j 13:07	9°♎52'52	
morning max el	-177 Oct 31 j 08:29	14°♎23'07	20°16'19
greatest brilliancy	-177 Nov 07 j 01:31	22°♎28'26	-0.6m
	-177 Nov 12 j 10:06	0°♏	
desc. node	-177 Nov 23 j 23:44	17°♏20'08	
morning set	-177 Nov 27 j 18:06	23°♏07'55	
	-177 Dec 02 j 03:55	0°♐	
max. Earth dist.	-177 Dec 08 j 05:49	9°♐38'15	1.43610 AU
superior conj	-177 Dec 14 j 01:19	19°♐04'56	-1°-48'-33
minimum elong	-177 Dec 13 j 19:17	18°♐40'04	1°48'11
	-177 Dec 20 j 13:53	0°♑	
evening rise	-177 Dec 26 j 19:52	10°♑45'30	
	-176 Jan 07 j 05:19	0°♒	
asc. node	-176 Jan 11 j 04:24	5°♒34'46	
evening max el	-176 Jan 13 j 10:15	8°♒07'06	18°10'32
retrograde	-176 Jan 19 j 22:21	11°♒33'41	
evening set	-176 Jan 22 j 17:01	10°♒54'37	
inferior conj	-176 Jan 29 j 00:19	5°♒39'22	3°50'33
minimum elong	-176 Jan 28 j 23:47	5°♒40'46	3°50'32
min. Earth dist.	-176 Jan 31 j 17:30	2°♒47'43	0.62724 AU
	-176 Feb 03 j 18:30	30°℞♑	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning rise	-176 Feb 04 j 04:30	29°♑40'36		
direct	-176 Feb 11 j 04:22	27°♑01'29		
	-176 Feb 19 j 07:46	0°♒		
desc. node	-176 Feb 19 j 22:52	0°♒26'20		
morning max el	-176 Feb 25 j 03:04	4°♒54'00	27°46'23	
	-176 Mar 15 j 00:24	0°♓		
morning set	-176 Mar 30 j 00:19	27°♓12'08		
	-176 Mar 31 j 09:19	0°♈		
max. Earth dist.	-176 Apr 04 j 14:04	8°♈48'16	1.32821 AU	
superior conj	-176 Apr 06 j 14:25	13°♈08'17	0°-16'-22	
minimum elong	-176 Apr 06 j 15:12	13°♈12'29	0°16'13	
asc. node	-176 Apr 08 j 03:45	16°♈30'32		
evening rise	-176 Apr 13 j 15:43	28°♈21'02		
	-176 Apr 14 j 10:33	0°♉		
	-176 May 01 j 18:34	0°♊		
evening max el	-176 May 07 j 14:47	6°♊37'08	23°48'06	
desc. node	-176 May 17 j 22:05	13°♊03'38		
retrograde	-176 May 21 j 08:42	13°♊30'39		
evening set	-176 May 25 j 11:55	12°♊52'53		
min. Earth dist.	-176 Jun 01 j 01:40	9°♊46'04	0.56196 AU	
inferior conj	-176 Jun 03 j 08:50	8°♊22'10	-4°-1'-39	
minimum elong	-176 Jun 03 j 02:29	8°♊31'52	4°00'25	
morning rise	-176 Jun 11 j 20:43	4°♊23'46		
direct	-176 Jun 14 j 12:16	4°♊05'53		
morning max el	-176 Jun 24 j 13:48	8°♊45'19	19°57'43	
asc. node	-176 Jul 05 j 03:02	23°♊09'52		
	-176 Jul 08 j 19:56	0°♋		
morning set	-176 Jul 12 j 13:03	7°♋21'30		
superior conj	-176 Jul 20 j 09:57	23°♋20'04	1°46'16	
minimum elong	-176 Jul 20 j 09:10	23°♋16'14	1°46'15	
	-176 Jul 23 j 19:10	0°♌		
max. Earth dist.	-176 Jul 25 j 21:48	4°♌02'40	1.36934 AU	
evening rise	-176 Jul 29 j 19:59	11°♌19'05		
	-176 Aug 09 j 20:00	0°♍		
desc. node	-176 Aug 13 j 21:27	6°♍17'53		
	-176 Aug 31 j 18:52	0°♎		
evening max el	-176 Sep 03 j 14:57	2°♎56'12	25°41'14	
retrograde	-176 Sep 15 j 21:10	9°♎57'51		
evening set	-176 Sep 21 j 22:05	7°♎26'03		
min. Earth dist.	-176 Sep 26 j 06:55	2°♎38'09	0.66837 AU	
inferior conj	-176 Sep 27 j 11:42	1°♎06'10	-1°-13'-49	
minimum elong	-176 Sep 27 j 13:34	1°♎00'12	1°13'02	
	-176 Sep 28 j 08:34	30°℞♍		
asc. node	-176 Oct 01 j 02:13	26°♍52'52		
morning rise	-176 Oct 03 j 05:46	25°♍08'22		
direct	-176 Oct 06 j 11:33	24°♍07'41		
morning max el	-176 Oct 13 j 13:47	28°♍08'13	19°15'50	
	-176 Oct 15 j 06:57	0°♎		
greatest brilliancy	-176 Oct 24 j 01:02	11°♎55'27	-0.7m	
	-176 Nov 04 j 19:16	0°♏		
morning set	-176 Nov 05 j 20:57	1°♏40'03		
desc. node	-176 Nov 09 j 20:46	7°♏53'53		
max. Earth dist.	-176 Nov 19 j 20:20	23°♏33'28	1.44672 AU	
superior conj	-176 Nov 22 j 15:57	28°♏01'08	-1°-17'-40	
minimum elong	-176 Nov 22 j 07:44	27°♏28'32	1°16'48	
	-176 Nov 23 j 21:51	0°♐		
evening rise	-176 Dec 07 j 08:21	21°♐48'36		
	-176 Dec 12 j 07:07	0°♑		
evening max el	-176 Dec 26 j 22:32	21°♑28'56	18°30'15	
asc. node	-176 Dec 28 j 01:28	22°♑33'08		
retrograde	-175 Jan 02 j 12:23	25°♑06'31		
evening set	-175 Jan 05 j 12:01	24°♑17'08		
inferior conj	-175 Jan 11 j 10:41	18°♑42'53	3°38'21	
minimum elong	-175 Jan 11 j 08:41	18°♑48'44	3°38'05	

min. Earth dist.	-175 Jan 13 j 12:37	16°♑17'02	0.64456 AU	
morning rise	-175 Jan 17 j 04:01	12°♑36'17		
direct	-175 Jan 24 j 00:18	9°♑45'31		
desc. node	-175 Feb 05 j 19:56	16°♑53'43		
morning max el	-175 Feb 06 j 11:59	17°♑33'12	27°21'19	
	-175 Feb 16 j 22:37	0°♒		
	-175 Mar 07 j 20:28	0°♓		
morning set	-175 Mar 13 j 17:31	11°♓04'35		
max. Earth dist.	-175 Mar 18 j 14:02	20°♓50'48	1.33660 AU	
superior conj	-175 Mar 21 j 19:35	27°♓36'34	0°-43'-10	
minimum elong	-175 Mar 21 j 21:40	27°♓47'32	0°42'47	
	-175 Mar 22 j 22:37	0°♈		
asc. node	-175 Mar 26 j 00:47	6°♈35'37		
evening rise	-175 Mar 29 j 02:51	13°♈07'51		
	-175 Apr 06 j 18:36	0°♉		
evening max el	-175 Apr 19 j 07:45	17°♉14'02	22°13'11	
retrograde	-175 May 02 j 03:49	23°♉32'05		
desc. node	-175 May 04 j 19:07	23°♉16'42		
evening set	-175 May 05 j 00:27	23°♉14'02		
min. Earth dist.	-175 May 13 j 14:29	19°♉32'53	0.55180 AU	
inferior conj	-175 May 14 j 09:08	19°♉06'35	-2°-37'-45	
minimum elong	-175 May 14 j 02:29	19°♉15'58	2°35'43	
morning rise	-175 May 23 j 06:16	15°♉12'16		
direct	-175 May 26 j 03:43	14°♉53'22		
morning max el	-175 Jun 06 j 20:52	20°♉22'09	21°18'56	
	-175 Jun 14 j 18:48	0°♊		
asc. node	-175 Jun 22 j 00:06	12°♊22'23		
morning set	-175 Jun 26 j 21:09	22°♊06'43		
	-175 Jun 30 j 15:49	0°♋		
superior conj	-175 Jul 04 j 07:45	7°♋39'26	1°39'06	
minimum elong	-175 Jul 04 j 05:49	7°♋29'25	1°38'57	
max. Earth dist.	-175 Jul 08 j 08:50	15°♋54'16	1.35267 AU	
evening rise	-175 Jul 12 j 18:24	24°♋28'56		
	-175 Jul 15 j 17:31	0°♌		
desc. node	-175 Jul 31 j 18:28	26°♌16'57		
	-175 Aug 03 j 09:03	0°♍		
evening max el	-175 Aug 17 j 02:55	16°♍31'39	26°39'51	
retrograde	-175 Aug 30 j 01:54	23°♍46'13		
evening set	-175 Sep 05 j 16:24	21°♍03'58		
min. Earth dist.	-175 Sep 09 j 17:39	16°♍53'41	0.65926 AU	
inferior conj	-175 Sep 11 j 10:23	14°♍52'04	-2°-9'-36	
minimum elong	-175 Sep 11 j 13:39	14°♍42'19	2°08'21	
morning rise	-175 Sep 17 j 12:04	9°♍06'02		
asc. node	-175 Sep 17 j 23:18	8°♍52'11		
direct	-175 Sep 20 j 09:18	8°♍19'22		
morning max el	-175 Sep 27 j 01:06	11°♍59'27	18°31'09	
	-175 Oct 09 j 20:51	0°♎		
morning set	-175 Oct 17 j 00:31	11°♎29'07		
desc. node	-175 Oct 27 j 17:48	28°♎35'29		
	-175 Oct 28 j 15:11	0°♏		
superior conj	-175 Nov 01 j 16:36	6°♏23'56	0°-32'-4	
minimum elong	-175 Nov 01 j 12:23	6°♏07'21	0°31'31	
max. Earth dist.	-175 Nov 02 j 14:46	7°♏51'06	1.45029 AU	
	-175 Nov 16 j 16:29	0°♐		
evening rise	-175 Nov 17 j 21:04	1°♐53'02		
	-175 Dec 06 j 05:45	0°♑		
evening max el	-175 Dec 10 j 08:24	4°♑55'29	19°07'26	
asc. node	-175 Dec 14 j 22:32	8°♑23'02		
retrograde	-175 Dec 17 j 07:34	8°♑54'07		
evening set	-175 Dec 20 j 13:29	7°♑52'53		
inferior conj	-175 Dec 26 j 06:00	2°♑01'55	3°12'44	
minimum elong	-175 Dec 26 j 03:18	2°♑10'30	3°12'07	
min. Earth dist.	-175 Dec 27 j 16:53	0°♑11'43	0.65817 AU	
	-175 Dec 27 j 20:39	30°℞♐		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning rise	-175 Dec 31 j 16:14	25°♐50'15	
direct	-174 Jan 07 j 02:27	23°♐02'15	
	-174 Jan 19 j 07:53	0°♑	
morning max el	-174 Jan 19 j 21:33	0°♑33'52	26°26'42
desc. node	-174 Jan 23 j 17:00	4°♑41'09	
	-174 Feb 10 j 22:17	0°♒	
morning set	-174 Feb 24 j 22:43	24°♒16'28	
	-174 Feb 27 j 22:31	0°♓	
max. Earth dist.	-174 Mar 01 j 02:59	2°♓19'26	1.34952 AU
superior conj	-174 Mar 05 j 18:28	11°♓40'56	-1°-9'-13
minimum elong	-174 Mar 05 j 21:41	11°♓57'25	1°08'42
asc. node	-174 Mar 12 j 21:50	26°♓31'12	
evening rise	-174 Mar 13 j 11:24	27°♓41'15	
	-174 Mar 14 j 14:27	0°♈	
evening max el	-174 Apr 01 j 09:11	28°♈13'43	20°47'08
	-174 Apr 03 j 09:31	0°♉	
retrograde	-174 Apr 12 j 16:44	3°♉41'27	
evening set	-174 Apr 14 j 21:55	3°♉29'42	
desc. node	-174 Apr 21 j 16:10	0°♉54'48	
	-174 Apr 23 j 07:48	30°℞♈	
inferior conj	-174 Apr 24 j 03:22	29°♈32'09	0°-42'-24
minimum elong	-174 Apr 24 j 01:21	29°♈35'01	0°41'41
min. Earth dist.	-174 Apr 25 j 03:32	28°♈57'39	0.55073 AU
morning rise	-174 May 03 j 03:41	25°♈23'47	
direct	-174 May 06 j 14:27	24°♈58'08	
	-174 May 18 j 06:37	0°♉	
morning max el	-174 May 19 j 17:50	1°♉18'28	22°55'06
	-174 Jun 07 j 21:32	0°♊	
asc. node	-174 Jun 08 j 21:08	1°♊58'15	
morning set	-174 Jun 11 j 08:04	7°♊01'45	
superior conj	-174 Jun 18 j 12:20	22°♊19'47	1°26'14
minimum elong	-174 Jun 18 j 09:53	22°♊06'42	1°25'57
max. Earth dist.	-174 Jun 21 j 05:29	28°♊03'42	1.33962 AU
	-174 Jun 22 j 03:50	0°♋	
evening rise	-174 Jun 26 j 06:39	8°♋20'14	
	-174 Jul 08 j 05:24	0°♌	
desc. node	-174 Jul 18 j 15:31	15°♌46'49	
evening max el	-174 Jul 30 j 14:44	29°♌55'25	27°16'24
	-174 Jul 30 j 16:39	0°♍	
retrograde	-174 Aug 13 j 00:58	7°♍14'34	
evening set	-174 Aug 20 j 01:49	4°♍30'12	
min. Earth dist.	-174 Aug 23 j 20:16	0°♍57'01	0.64653 AU
	-174 Aug 24 j 17:20	30°℞♌	
inferior conj	-174 Aug 26 j 02:03	28°♌30'05	-3°-3'00
minimum elong	-174 Aug 26 j 06:26	28°♌18'07	3°01'37
morning rise	-174 Sep 01 j 12:45	22°♌59'17	
direct	-174 Sep 04 j 03:51	22°♌23'07	
asc. node	-174 Sep 04 j 20:22	22°♌25'37	
morning max el	-174 Sep 10 j 16:00	25°♌51'31	18°03'20
	-174 Sep 14 j 03:58	0°♍	
morning set	-174 Sep 28 j 08:31	22°♍41'27	
	-174 Oct 02 j 17:18	0°♎	
superior conj	-174 Oct 12 j 01:06	15°♎14'33	0°16'55
minimum elong	-174 Oct 12 j 03:07	15°♎22'36	0°16'39
desc. node	-174 Oct 14 j 14:50	19°♎21'16	
max. Earth dist.	-174 Oct 16 j 09:40	22°♎11'16	1.44646 AU
	-174 Oct 21 j 08:51	0°♏	
evening rise	-174 Oct 28 j 12:48	11°♏07'45	
	-174 Nov 09 j 21:31	0°♐	
greatest brilliancy	-174 Nov 16 j 12:04	9°♐35'48	-0.6m
evening max el	-174 Nov 23 j 13:49	18°♐23'08	20°00'25
retrograde	-174 Dec 01 j 05:01	22°♐51'22	
asc. node	-174 Dec 01 j 19:36	22°♐49'16	
evening set	-174 Dec 04 j 18:57	21°♐36'30	
inferior conj	-174 Dec 10 j 07:23	15°♐31'50	2°37'15
minimum elong	-174 Dec 10 j 04:37	15°♐41'05	2°36'24
min. Earth dist.	-174 Dec 11 j 04:42	14°♐20'45	0.66786 AU
morning rise	-174 Dec 15 j 13:43	9°♐17'05	
direct	-174 Dec 21 j 10:05	6°♐42'35	
morning max el	-173 Jan 02 j 06:23	13°♐45'20	25°11'17
desc. node	-173 Jan 10 j 14:02	23°♐24'58	
	-173 Jan 15 j 11:53	0°♑	
	-173 Feb 03 j 17:34	0°♒	
morning set	-173 Feb 07 j 10:59	6°♒33'23	
max. Earth dist.	-173 Feb 11 j 04:46	13°♒24'23	1.36672 AU
superior conj	-173 Feb 17 j 08:09	25°♒12'54	-1°-32'-44
minimum elong	-173 Feb 17 j 11:58	25°♒31'49	1°32'16
	-173 Feb 19 j 17:48	0°♓	
evening rise	-173 Feb 25 j 15:12	11°♓54'25	
asc. node	-173 Feb 27 j 18:53	16°♓12'23	
	-173 Mar 07 j 08:28	0°♈	
evening max el	-173 Mar 14 j 21:48	9°♈50'26	19°37'42
retrograde	-173 Mar 24 j 12:24	14°♈27'08	
evening set	-173 Mar 26 j 15:36	14°♈14'29	
inferior conj	-173 Apr 04 j 06:09	10°♈10'25	1°11'51
minimum elong	-173 Apr 04 j 09:05	10°♈05'47	1°10'53
min. Earth dist.	-173 Apr 06 j 17:52	8°♈36'10	0.55899 AU
desc. node	-173 Apr 08 j 13:11	7°♈32'01	
morning rise	-173 Apr 12 j 23:04	5°♈32'06	
direct	-173 Apr 17 j 08:42	4°♈48'43	
morning max el	-173 May 01 j 09:14	11°♈51'35	24°35'58
	-173 May 15 j 05:14	0°♉	
morning set	-173 May 26 j 20:05	22°♉01'16	
asc. node	-173 May 26 j 18:10	21°♉51'10	
	-173 May 30 j 13:30	0°♊	
superior conj	-173 Jun 02 j 21:16	7°♊13'31	1°08'55
minimum elong	-173 Jun 02 j 18:51	7°♊00'22	1°08'32
max. Earth dist.	-173 Jun 04 j 10:39	10°♊35'41	1.33045 AU
evening rise	-173 Jun 10 j 04:48	22°♊41'37	
	-173 Jun 13 j 21:14	0°♋	
	-173 Jul 02 j 00:47	0°♌	
desc. node	-173 Jul 05 j 12:32	4°♌35'13	
evening max el	-173 Jul 13 j 00:27	12°♌54'55	27°24'32
retrograde	-173 Jul 26 j 18:04	20°♌14'09	
evening set	-173 Aug 02 j 23:00	17°♌39'37	
min. Earth dist.	-173 Aug 06 j 13:07	14°♌38'13	0.63019 AU
inferior conj	-173 Aug 09 j 07:59	11°♌54'18	-3°-50'-39
minimum elong	-173 Aug 09 j 12:43	11°♌42'40	3°49'32
morning rise	-173 Aug 16 j 04:48	6°♌42'05	
direct	-173 Aug 18 j 16:14	6°♌13'22	
asc. node	-173 Aug 22 j 17:23	7°♌31'24	
morning max el	-173 Aug 25 j 07:43	9°♌38'35	17°53'15
	-173 Sep 07 j 19:48	0°♍	
morning set	-173 Sep 10 j 16:21	5°♍02'16	
superior conj	-173 Sep 22 j 09:53	25°♍18'44	0°57'58
minimum elong	-173 Sep 22 j 14:49	25°♍39'22	0°57'22
	-173 Sep 25 j 05:37	0°♎	
max. Earth dist.	-173 Sep 29 j 01:18	6°♎13'36	1.43580 AU
desc. node	-173 Oct 01 j 11:53	10°♎08'22	
evening rise	-173 Oct 07 j 19:35	20°♎03'56	
	-173 Oct 14 j 07:29	0°♏	
greatest brilliancy	-173 Nov 01 j 05:20	25°♏36'43	-0.5m
	-173 Nov 04 j 20:20	0°♐	
evening max el	-173 Nov 06 j 13:34	1°♐51'12	21°06'41
retrograde	-173 Nov 15 j 02:28	6°♐55'22	
asc. node	-173 Nov 18 j 16:38	5°♐42'37	
evening set	-173 Nov 19 j 02:25	5°♐24'56	
	-173 Nov 23 j 21:58	30°℞♏	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-173 Nov 24 j 12:32	29°♏10'05	1°54'24
minimum elong	-173 Nov 24 j 10:13	29°♏18'03	1°53'32
min. Earth dist.	-173 Nov 24 j 21:55	28°♏37'49	0.67388 AU
morning rise	-173 Nov 29 j 17:38	22°♏54'24	
direct	-173 Dec 04 j 22:46	20°♏39'39	
morning max el	-173 Dec 15 j 15:03	27°♏01'39	23°45'03
	-173 Dec 18 j 09:33	0°♐	
desc. node	-173 Dec 28 j 11:05	12°♐49'09	
	-172 Jan 09 j 03:31	0°♑	
morning set	-172 Jan 20 j 00:06	17°♑38'47	
max. Earth dist.	-172 Jan 23 j 23:57	24°♑34'33	1.38710 AU
	-172 Jan 27 j 00:37	0°♒	
superior conj	-172 Jan 31 j 08:51	8°♒02'22	-1°-51'-10
minimum elong	-172 Jan 31 j 12:12	8°♒18'12	1°50'56
evening rise	-172 Feb 09 j 11:41	25°♒39'59	
	-172 Feb 11 j 17:20	0°♓	
asc. node	-172 Feb 14 j 15:55	5°♓33'05	
evening max el	-172 Feb 25 j 20:40	22°♓03'39	18°47'46
retrograde	-172 Mar 05 j 00:11	26°♓00'33	
evening set	-172 Mar 07 j 07:24	25°♓42'53	
inferior conj	-172 Mar 15 j 03:28	21°♓22'12	2°38'10
minimum elong	-172 Mar 15 j 07:50	21°♓14'09	2°37'03
min. Earth dist.	-172 Mar 18 j 10:37	18°♓57'41	0.57483 AU
morning rise	-172 Mar 23 j 04:04	16°♓11'17	
desc. node	-172 Mar 25 j 10:13	15°♓23'02	
direct	-172 Mar 28 j 16:46	14°♓56'35	
morning max el	-172 Apr 12 j 00:50	22°♓26'47	26°06'51
	-172 Apr 18 j 17:17	0°♈	
	-172 May 06 j 21:56	0°♉	
morning set	-172 May 10 j 07:29	6°♉58'14	
asc. node	-172 May 12 j 15:11	11°♉54'44	
superior conj	-172 May 17 j 08:28	22°♉12'30	0°48'04
minimum elong	-172 May 17 j 06:32	22°♉01'55	0°47'41
max. Earth dist.	-172 May 17 j 21:18	23°♉22'52	1.32505 AU
	-172 May 20 j 22:17	0°♊	
evening rise	-172 May 24 j 09:39	7°♊22'02	
	-172 Jun 05 j 09:07	0°♋	
desc. node	-172 Jun 21 j 09:32	22°♋23'42	
evening max el	-172 Jun 24 j 05:43	25°♋17'24	27°00'17
	-172 Jun 30 j 04:53	0°♌	
retrograde	-172 Jul 08 j 04:17	2°♌34'26	
evening set	-172 Jul 15 j 03:41	0°♌23'58	
	-172 Jul 15 j 18:47	30°℞♋	
min. Earth dist.	-172 Jul 18 j 19:45	27°♋42'37	0.61090 AU
inferior conj	-172 Jul 22 j 00:53	24°♋55'59	-4°-27'-12
minimum elong	-172 Jul 22 j 04:33	24°♋48'02	4°26'43
morning rise	-172 Jul 29 j 08:26	20°♋05'02	
direct	-172 Jul 31 j 18:41	19°♋41'16	
morning max el	-172 Aug 07 j 21:12	23°♋12'15	18°01'52
asc. node	-172 Aug 08 j 14:25	23°♋55'50	
	-172 Aug 13 j 06:44	0°♌	
morning set	-172 Aug 23 j 17:56	18°♌13'51	
	-172 Aug 30 j 03:42	0°♍	
superior conj	-172 Sep 02 j 21:48	6°♍42'47	1°26'19
minimum elong	-172 Sep 03 j 02:08	7°♍01'55	1°25'54
max. Earth dist.	-172 Sep 10 j 11:29	19°♍41'26	1.41970 AU
evening rise	-172 Sep 16 j 11:25	29°♍27'35	
	-172 Sep 16 j 19:33	0°♎	
desc. node	-172 Sep 17 j 08:54	0°♎53'00	
	-172 Oct 06 j 22:24	0°♏	
greatest brilliancy	-172 Oct 14 j 13:51	10°♏00'37	-0.3m
evening max el	-172 Oct 19 j 07:42	15°♏20'37	22°22'35
retrograde	-172 Oct 28 j 22:09	21°♏03'13	
evening set	-172 Nov 02 j 10:09	19°♏15'35	
asc. node	-172 Nov 04 j 13:38	17°♏08'17	
inferior conj	-172 Nov 07 j 19:27	12°♏54'20	1°06'00
minimum elong	-172 Nov 07 j 17:59	12°♏59'26	1°05'23
min. Earth dist.	-172 Nov 07 j 18:02	12°♏59'15	0.67648 AU
morning rise	-172 Nov 13 j 01:40	6°♏40'10	
direct	-172 Nov 17 j 15:42	4°♏47'48	
morning max el	-172 Nov 27 j 02:23	10°♏23'08	22°17'50
greatest brilliancy	-172 Dec 01 j 17:58	15°♏36'37	-0.3m
	-172 Dec 12 j 11:10	0°♐	
desc. node	-172 Dec 14 j 08:09	2°♐42'23	
morning set	-172 Dec 30 j 08:43	27°♐20'37	
	-172 Dec 31 j 23:51	0°♑	
max. Earth dist.	-171 Jan 04 j 20:41	6°♑25'44	1.40829 AU
superior conj	-171 Jan 12 j 15:51	19°♑58'14	-2°-1'-1
minimum elong	-171 Jan 12 j 16:56	20°♑03'03	2°01'02
	-171 Jan 18 j 04:00	0°♒	
evening rise	-171 Jan 22 j 21:44	8°♒50'56	
asc. node	-171 Jan 31 j 12:57	24°♒26'50	
	-171 Feb 04 j 03:26	0°♓	
evening max el	-171 Feb 08 j 03:12	4°♓47'01	18°17'50
retrograde	-171 Feb 15 j 06:35	8°♓20'08	
evening set	-171 Feb 17 j 18:39	7°♓54'58	
inferior conj	-171 Feb 24 j 21:48	3°♓13'14	3°28'59
minimum elong	-171 Feb 25 j 00:44	3°♓06'55	3°28'34
min. Earth dist.	-171 Feb 28 j 07:39	0°♓19'05	0.59503 AU
	-171 Feb 28 j 17:09	30°℞♒	
morning rise	-171 Mar 04 j 03:19	27°♒37'35	
direct	-171 Mar 10 j 13:58	25°♒44'59	
desc. node	-171 Mar 12 j 07:15	25°♒52'48	
	-171 Mar 20 j 21:50	0°♓	
morning max el	-171 Mar 24 j 21:12	3°♓29'06	27°13'01
	-171 Apr 13 j 05:58	0°♈	
morning set	-171 Apr 24 j 16:36	21°♈46'46	
	-171 Apr 28 j 13:21	0°♉	
asc. node	-171 Apr 29 j 12:14	2°♉04'22	
superior conj	-171 May 01 j 20:12	7°♉10'39	0°24'28
minimum elong	-171 May 01 j 19:07	7°♉04'45	0°24'14
max. Earth dist.	-171 May 01 j 10:02	6°♉14'54	1.32335 AU
evening rise	-171 May 08 j 18:48	22°♉13'24	
	-171 May 12 j 13:51	0°♊	
	-171 May 30 j 22:44	0°♋	
evening max el	-171 Jun 06 j 04:40	6°♋55'41	26°03'52
desc. node	-171 Jun 08 j 06:31	8°♋47'35	
retrograde	-171 Jun 20 j 05:48	14°♋08'34	
evening set	-171 Jun 26 j 11:21	12°♋34'00	
min. Earth dist.	-171 Jun 30 j 17:26	9°♋55'46	0.59031 AU
inferior conj	-171 Jul 04 j 01:12	7°♋26'07	-4°-44'-6
minimum elong	-171 Jul 04 j 01:45	7°♋25'05	4°44'05
morning rise	-171 Jul 11 j 19:44	2°♋57'47	
direct	-171 Jul 14 j 07:04	2°♋37'06	
morning max el	-171 Jul 22 j 05:23	6°♋24'17	18°30'23
asc. node	-171 Jul 26 j 11:28	11°♋24'01	
	-171 Aug 06 j 06:39	0°♌	
morning set	-171 Aug 07 j 08:19	2°♌03'14	
superior conj	-171 Aug 16 j 08:38	19°♌15'02	1°42'04
minimum elong	-171 Aug 16 j 10:55	19°♌25'39	1°41'56
	-171 Aug 22 j 07:00	0°♍	
max. Earth dist.	-171 Aug 23 j 16:44	2°♍27'41	1.40038 AU
evening rise	-171 Aug 28 j 01:20	9°♍53'31	
desc. node	-171 Sep 04 j 05:54	21°♍31'23	
	-171 Sep 09 j 18:50	0°♎	
evening max el	-171 Oct 01 j 21:37	28°♎52'37	23°42'46
	-171 Oct 03 j 01:28	0°♏	
retrograde	-171 Oct 12 j 14:38	5°♏11'25	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-171 Oct 17 j 16:27	3°♏05'34		
	-171 Oct 20 j 14:34	30°℞♎		
asc. node	-171 Oct 22 j 10:41	27°♎35'14		
min. Earth dist.	-171 Oct 22 j 14:34	27°♎22'02	0.67590 AU	
inferior conj	-171 Oct 23 j 02:21	26°♎41'51	0°13'31	
minimum elong	-171 Oct 23 j 02:02	26°♎42'57	0°13'23	
transit middle	-171 Oct 23 j 02:02	26°♎42'57	0°13'23	
transit begin	-171 Oct 23 j 00:29	26°♎48'14		
transit end	-171 Oct 23 j 03:35	26°♎37'40		
morning rise	-171 Oct 28 j 11:44	20°♎31'55		
direct	-171 Nov 01 j 11:50	19°♎01'36		
morning max el	-171 Nov 09 j 19:45	23°♎52'57	20°57'21	
	-171 Nov 15 j 02:31	0°♏		
greatest brilliancy	-171 Nov 15 j 11:08	0°♏27'32	-0.5m	
desc. node	-171 Dec 01 j 05:11	22°♏55'48		
	-171 Dec 05 j 20:38	0°♐		
morning set	-171 Dec 09 j 14:40	5°♐48'50		
max. Earth dist.	-171 Dec 18 j 00:43	19°♐13'50	1.42732 AU	
superior conj	-171 Dec 24 j 23:39	0°♑46'40	-1°-57'-57	
minimum elong	-171 Dec 24 j 20:23	0°♑32'53	1°57'51	
	-171 Dec 24 j 12:36	0°♑		
evening rise	-170 Jan 05 j 17:28	21°♑18'32		
	-170 Jan 10 j 14:36	0°♒		
asc. node	-170 Jan 18 j 10:00	12°♒44'34		
evening max el	-170 Jan 22 j 14:12	17°♒50'54	18°07'38	
retrograde	-170 Jan 29 j 04:52	21°♒15'50		
evening set	-170 Jan 31 j 21:14	20°♒41'59		
inferior conj	-170 Feb 07 j 10:46	15°♒38'23	3°49'26	
minimum elong	-170 Feb 07 j 11:25	15°♒36'46	3°49'25	
min. Earth dist.	-170 Feb 10 j 11:40	12°♒39'43	0.61601 AU	
morning rise	-170 Feb 13 j 23:08	9°♒46'25		
direct	-170 Feb 20 j 21:15	7°♒21'01		
desc. node	-170 Feb 27 j 04:19	9°♒07'00		
morning max el	-170 Mar 06 j 23:47	15°♒11'18	27°44'54	
	-170 Mar 19 j 01:24	0°♓		
	-170 Apr 05 j 17:37	0°♈		
morning set	-170 Apr 08 j 21:31	6°♈19'55		
max. Earth dist.	-170 Apr 14 j 21:02	18°♈58'16	1.32534 AU	
superior conj	-170 Apr 16 j 06:48	22°♈01'45	0°-1'-6	
minimum elong	-170 Apr 16 j 06:51	22°♈02'01	0°01'06	
behind sun begin	-170 Apr 16 j 01:45	21°♈34'18		
behind sun end	-170 Apr 16 j 11:56	22°♈29'46		
asc. node	-170 Apr 16 j 09:18	22°♈15'26		
	-170 Apr 19 j 22:28	0°♉		
evening rise	-170 Apr 23 j 06:11	7°♉08'09		
	-170 May 05 j 06:57	0°♊		
evening max el	-170 May 18 j 21:20	17°♊52'21	24°41'53	
desc. node	-170 May 26 j 03:31	23°♊13'52		
retrograde	-170 Jun 01 j 20:14	24°♊56'11		
evening set	-170 Jun 06 j 19:56	23°♊59'59		
min. Earth dist.	-170 Jun 12 j 08:48	21°♊07'50	0.57106 AU	
inferior conj	-170 Jun 15 j 05:54	19°♊15'24	-4°-29'-20	
minimum elong	-170 Jun 15 j 01:48	19°♊22'08	4°28'52	
morning rise	-170 Jun 23 j 11:29	15°♊08'12		
direct	-170 Jun 26 j 01:27	14°♊49'28		
morning max el	-170 Jul 05 j 05:24	19°♊05'27	19°19'54	
asc. node	-170 Jul 13 j 08:33	29°♊41'52		
	-170 Jul 13 j 12:58	0°♋		
morning set	-170 Jul 22 j 07:47	16°♋20'44		
	-170 Jul 29 j 04:06	0°♌		
superior conj	-170 Jul 30 j 12:48	2°♌40'15	1°47'14	
minimum elong	-170 Jul 30 j 13:00	2°♌41'14	1°47'13	
max. Earth dist.	-170 Aug 05 j 20:05	14°♌36'52	1.38026 AU	
evening rise	-170 Aug 09 j 16:09	21°♌30'35		
	-170 Aug 14 j 15:07	0°♍		
desc. node	-170 Aug 22 j 02:54	11°♍59'31		
	-170 Sep 03 j 17:24	0°♎		
evening max el	-170 Sep 14 j 09:26	12°♎28'24	25°00'27	
retrograde	-170 Sep 26 j 03:03	19°♎16'46		
evening set	-170 Oct 01 j 19:41	16°♎53'29		
min. Earth dist.	-170 Oct 06 j 09:08	11°♎44'53	0.67214 AU	
inferior conj	-170 Oct 07 j 07:33	10°♎31'09	0°-41'-30	
minimum elong	-170 Oct 07 j 08:34	10°♎27'46	0°41'04	
asc. node	-170 Oct 09 j 07:45	7°♎57'17		
morning rise	-170 Oct 12 j 21:58	4°♎28'17		
direct	-170 Oct 16 j 09:51	3°♎17'46		
morning max el	-170 Oct 23 j 20:54	7°♎33'38	19°48'45	
greatest brilliancy	-170 Oct 31 j 15:33	17°♎13'33	-0.6m	
	-170 Nov 09 j 08:15	0°♏		
morning set	-170 Nov 18 j 11:26	13°♏59'22		
desc. node	-170 Nov 18 j 02:14	13°♏23'48		
	-170 Nov 28 j 17:19	0°♐		
max. Earth dist.	-170 Nov 30 j 12:31	2°♐51'25	1.44153 AU	
superior conj	-170 Dec 05 j 04:34	10°♐20'45	-1°-37'-41	
minimum elong	-170 Dec 04 j 20:57	9°♐49'59	1°37'03	
	-170 Dec 17 j 01:20	0°♑		
evening rise	-170 Dec 18 j 18:37	2°♑55'05		
asc. node	-169 Jan 05 j 07:03	0°♒15'38		
	-169 Jan 05 j 01:27	0°♒		
evening max el	-169 Jan 06 j 02:44	1°♒07'47	18°16'37	
retrograde	-169 Jan 12 j 14:31	4°♒37'44		
evening set	-169 Jan 15 j 11:14	3°♒54'19		
	-169 Jan 20 j 05:33	30°℞♑		
inferior conj	-169 Jan 21 j 14:29	28°♑30'22	3°47'16	
minimum elong	-169 Jan 21 j 13:14	28°♑33'49	3°47'11	
min. Earth dist.	-169 Jan 24 j 01:08	25°♑48'20	0.63509 AU	
morning rise	-169 Jan 27 j 13:34	22°♑27'48		
direct	-169 Feb 03 j 12:45	19°♑42'15		
desc. node	-169 Feb 14 j 01:23	24°♑34'30		
morning max el	-169 Feb 17 j 07:22	27°♑33'13	27°39'49	
	-169 Feb 19 j 15:31	0°♒		
	-169 Mar 12 j 17:45	0°♓		
morning set	-169 Mar 23 j 19:52	20°♓30'06		
	-169 Mar 28 j 11:10	0°♈		
max. Earth dist.	-169 Mar 29 j 02:23	1°♈20'03	1.33128 AU	
superior conj	-169 Mar 31 j 14:30	6°♈40'03	0°-27'-46	
minimum elong	-169 Mar 31 j 15:50	6°♈47'11	0°27'30	
asc. node	-169 Apr 03 j 06:21	12°♈23'54		
evening rise	-169 Apr 07 j 17:56	21°♈59'46		
	-169 Apr 11 j 15:31	0°♉		
evening max el	-169 Apr 30 j 11:57	28°♉26'47	23°07'16	
	-169 May 02 j 04:56	0°♊		
desc. node	-169 May 13 j 00:34	5°♊06'06		
retrograde	-169 May 13 j 22:20	5°♊07'58		
evening set	-169 May 17 j 11:28	4°♊40'22		
min. Earth dist.	-169 May 24 j 21:30	1°♊20'41	0.55658 AU	
inferior conj	-169 May 26 j 14:55	0°♊20'19	-3°-31'-20	
minimum elong	-169 May 26 j 07:45	0°♊30'48	3°29'34	
	-169 May 27 j 04:52	30°℞♉		
morning rise	-169 Jun 04 j 07:11	26°♉26'10		
direct	-169 Jun 07 j 00:48	26°♉08'16		
	-169 Jun 16 j 12:10	0°♊		
morning max el	-169 Jun 17 j 18:57	1°♊07'07	20°30'14	
asc. node	-169 Jun 30 j 05:37	18°♊37'03		
	-169 Jul 06 j 02:05	0°♋		
morning set	-169 Jul 06 j 13:23	0°♋57'34		
superior conj	-169 Jul 14 j 05:18	16°♋43'18	1°44'01	
minimum elong	-169 Jul 14 j 03:58	16°♋36'29	1°43'58	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	-169 Jul	19 j 02:37	26°♋26'29	1.36176 AU
	-169 Jul	20 j 23:06	0°♌	
evening rise	-169 Jul	23 j 04:25	4°♌09'53	
	-169 Aug	07 j 13:03	0°♍	
desc. node	-169 Aug	08 j 23:55	2°♍11'15	
evening max el	-169 Aug	27 j 20:55	26°♍04'54	26°08'17
	-169 Sep	01 j 10:37	0°♎	
retrograde	-169 Sep	09 j 10:48	3°♎13'24	
evening set	-169 Sep	15 j 17:53	0°♎36'00	
	-169 Sep	16 j 10:06	30°℞♍	
min. Earth dist.	-169 Sep	19 j 23:19	26°♍04'20	0.66498 AU
inferior conj	-169 Sep	21 j 09:09	24°♍19'04	-1°-37'-33
minimum elong	-169 Sep	21 j 11:38	24°♍11'23	1°36'34
asc. node	-169 Sep	26 j 04:49	19°♍09'29	
morning rise	-169 Sep	27 j 06:19	18°♍26'11	
direct	-169 Sep	30 j 08:08	17°♍32'00	
morning max el	-169 Oct	07 j 05:08	21°♍22'34	18°54'51
	-169 Oct	14 j 01:21	0°♎	
morning set	-169 Oct	28 j 23:24	23°♎01'02	
	-169 Nov	02 j 09:49	0°♏	
desc. node	-169 Nov	04 j 23:16	4°♏01'29	
max. Earth dist.	-169 Nov	13 j 05:14	16°♏59'06	1.44917 AU
superior conj	-169 Nov	14 j 10:58	18°♏56'09	0°-59'-34
minimum elong	-169 Nov	14 j 03:45	18°♏27'43	0°58'43
	-169 Nov	21 j 10:39	0°♐	
evening rise	-169 Nov	29 j 21:10	13°♐33'39	
	-169 Dec	10 j 01:43	0°♑	
evening max el	-169 Dec	20 j 14:12	14°♑31'52	18°43'56
asc. node	-169 Dec	23 j 04:05	16°♑46'47	
retrograde	-169 Dec	27 j 07:17	18°♑17'41	
evening set	-169 Dec	30 j 09:19	17°♑23'33	
inferior conj	-168 Jan	05 j 05:05	11°♑41'40	3°28'54
minimum elong	-168 Jan	05 j 02:42	11°♑48'55	3°28'28
min. Earth dist.	-168 Jan	07 j 00:27	9°♑30'10	0.65080 AU
morning rise	-168 Jan	10 j 18:57	5°♑32'20	
direct	-168 Jan	17 j 11:23	2°♑41'16	
morning max el	-168 Jan	30 j 17:09	10°♑24'21	27°01'14
desc. node	-168 Jan	31 j 22:28	11°♑39'41	
	-168 Feb	15 j 05:37	0°♒	
	-168 Mar	04 j 04:26	0°♓	
morning set	-168 Mar	06 j 08:33	4°♓07'36	
max. Earth dist.	-168 Mar	10 j 22:06	13°♓09'11	1.34151 AU
superior conj	-168 Mar	14 j 17:20	20°♓59'22	0°-54'-26
minimum elong	-168 Mar	14 j 19:55	21°♓12'55	0°53'57
	-168 Mar	18 j 23:49	0°♈	
asc. node	-168 Mar	20 j 03:25	2°♈25'49	
evening rise	-168 Mar	22 j 04:15	6°♈42'01	
	-168 Apr	03 j 20:53	0°♉	
evening max el	-168 Apr	11 j 07:49	9°♉10'42	21°34'54
retrograde	-168 Apr	23 j 14:10	15°♉09'12	
evening set	-168 Apr	26 j 01:53	14°♉55'11	
desc. node	-168 Apr	28 j 21:36	14°♉08'04	
inferior conj	-168 May	05 j 10:59	10°♉53'40	-1°-51'00
minimum elong	-168 May	05 j 05:54	11°♉00'49	1°49'16
min. Earth dist.	-168 May	05 j 10:29	10°♉54'23	0.55008 AU
morning rise	-168 May	14 j 10:33	6°♉55'43	
direct	-168 May	17 j 12:09	6°♉35'06	
morning max el	-168 May	29 j 21:35	12°♉26'35	21°58'36
	-168 Jun	11 j 19:35	0°♊	
asc. node	-168 Jun	16 j 02:40	8°♊00'25	
morning set	-168 Jun	19 j 22:53	15°♊47'33	
	-168 Jun	26 j 16:29	0°♋	
superior conj	-168 Jun	27 j 06:21	1°♋12'52	1°34'15
minimum elong	-168 Jun	27 j 04:07	1°♋01'11	1°34'04
max. Earth dist.	-168 Jun	30 j 17:18	8°♋22'30	1.34656 AU
evening rise	-168 Jul	05 j 09:15	17°♋38'51	
	-168 Jul	12 j 01:45	0°♌	
desc. node	-168 Jul	25 j 20:55	21°♌59'04	
	-168 Jul	31 j 19:46	0°♍	
evening max el	-168 Aug	09 j 08:44	9°♍35'53	26°58'29
retrograde	-168 Aug	22 j 13:23	16°♍54'11	
evening set	-168 Aug	29 j 08:47	14°♍09'35	
min. Earth dist.	-168 Sep	02 j 06:51	10°♍15'23	0.65426 AU
inferior conj	-168 Sep	04 j 05:08	8°♍01'58	-2°-32'-42
minimum elong	-168 Sep	04 j 08:55	7°♍51'01	2°31'22
morning rise	-168 Sep	10 j 10:31	2°♍22'07	
asc. node	-168 Sep	12 j 01:52	1°♍47'23	
direct	-168 Sep	13 j 04:43	1°♍40'31	
morning max el	-168 Sep	19 j 18:19	5°♍14'54	18°17'11
	-168 Oct	06 j 12:57	0°♎	
morning set	-168 Oct	08 j 15:15	3°♎26'11	
desc. node	-168 Oct	21 j 20:16	24°♎45'14	
superior conj	-168 Oct	23 j 12:17	27°♎23'44	0°-10'-56
minimum elong	-168 Oct	23 j 10:52	27°♎18'07	0°10'46
behind sun begin	-168 Oct	23 j 02:27	26°♎44'50	
behind sun end	-168 Oct	23 j 19:16	27°♎51'21	
	-168 Oct	25 j 03:52	0°♏	
max. Earth dist.	-168 Oct	25 j 23:40	1°♏17'59	1.44953 AU
evening rise	-168 Nov	09 j 00:06	23°♏14'25	
	-168 Nov	13 j 08:02	0°♐	
greatest brilliancy	-168 Nov	24 j 05:13	16°♐39'31	-0.7m
evening max el	-168 Dec	02 j 22:20	27°♐59'07	19°28'10
	-168 Dec	05 j 02:49	0°♑	
asc. node	-168 Dec	09 j 01:08	2°♑02'48	
retrograde	-168 Dec	10 j 03:43	2°♑09'41	
evening set	-168 Dec	13 j 12:43	1°♑03'05	
	-168 Dec	14 j 21:08	30°℞♐	
inferior conj	-168 Dec	19 j 03:18	25°♐06'03	2°58'44
minimum elong	-168 Dec	19 j 00:29	25°♐15'10	2°58'00
min. Earth dist.	-168 Dec	20 j 08:17	23°♐31'59	0.66276 AU
morning rise	-168 Dec	24 j 11:29	18°♐52'37	
direct	-168 Dec	30 j 16:09	16°♐09'00	
morning max el	-167 Jan	12 j 02:25	23°♐30'44	25°56'29
desc. node	-167 Jan	17 j 19:30	29°♐53'37	
	-167 Jan	17 j 21:36	0°♑	
	-167 Feb	07 j 14:08	0°♒	
morning set	-167 Feb	17 j 07:13	16°♒58'15	
max. Earth dist.	-167 Feb	21 j 05:42	24°♒23'45	1.35631 AU
	-167 Feb	24 j 02:31	0°♓	
superior conj	-167 Feb	26 j 12:40	4°♓51'04	-1°-19'-40
minimum elong	-167 Feb	26 j 16:13	5°♓09'06	1°19'08
evening rise	-167 Mar	06 j 11:01	21°♓07'23	
asc. node	-167 Mar	07 j 00:26	22°♓15'48	
	-167 Mar	10 j 21:58	0°♈	
evening max el	-167 Mar	24 j 14:01	20°♈25'46	20°15'22
retrograde	-167 Apr	04 j 04:06	25°♈30'41	
evening set	-167 Apr	06 j 07:04	25°♈19'18	
inferior conj	-167 Apr	15 j 07:12	21°♈21'10	0°08'11
minimum elong	-167 Apr	15 j 07:35	21°♈20'37	0°08'03
transit middle	-167 Apr	15 j 07:35	21°♈20'37	0°08'03
transit begin	-167 Apr	15 j 04:06	21°♈25'45	
transit end	-167 Apr	15 j 11:03	21°♈15'28	
desc. node	-167 Apr	15 j 18:40	21°♈04'11	
min. Earth dist.	-167 Apr	17 j 00:20	20°♈20'24	0.55316 AU
morning rise	-167 Apr	24 j 05:39	17°♈00'55	
direct	-167 Apr	28 j 01:11	16°♈29'11	
morning max el	-167 May	11 j 15:28	23°♈10'04	23°38'09
	-167 May	17 j 17:35	0°♉	
asc. node	-167 Jun	02 j 23:42	27°♉43'55	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-167 Jun 04 j 10:24	0°♊44'28		
	-167 Jun 04 j 01:55	0°♊		
superior conj	-167 Jun 11 j 13:02	15°♊59'22	1°19'23	
minimum elong	-167 Jun 11 j 10:31	15°♊45'55	1°19'02	
max. Earth dist.	-167 Jun 13 j 17:36	20°♊40'14	1.33524 AU	
	-167 Jun 18 j 05:27	0°♋		
evening rise	-167 Jun 19 j 02:07	1°♋44'00		
	-167 Jul 04 j 23:34	0°♌		
desc. node	-167 Jul 12 j 17:57	11°♌12'46		
evening max el	-167 Jul 22 j 20:01	22°♌50'58	27°23'47	
	-167 Aug 03 j 11:59	0°♍		
retrograde	-167 Aug 05 j 10:08	0°♍10'46		
	-167 Aug 07 j 07:05	30°℞♌		
evening set	-167 Aug 12 j 13:26	27°♌29'13		
min. Earth dist.	-167 Aug 16 j 05:39	24°♌10'14	0.63991 AU	
inferior conj	-167 Aug 18 j 17:01	21°♌34'50	-3°-24'-14	
minimum elong	-167 Aug 18 j 21:40	21°♌22'38	3°22'55	
morning rise	-167 Aug 25 j 07:52	16°♌11'18		
direct	-167 Aug 27 j 21:02	15°♌38'41		
asc. node	-167 Aug 29 j 22:55	16°♌00'37		
morning max el	-167 Sep 03 j 09:51	19°♌05'05	17°56'48	
	-167 Sep 11 j 10:34	0°♍		
morning set	-167 Sep 20 j 10:11	15°♍09'54		
	-167 Sep 29 j 04:16	0°♎		
superior conj	-167 Oct 03 j 05:55	6°♎42'23	0°35'44	
minimum elong	-167 Oct 03 j 09:42	6°♎57'47	0°35'14	
max. Earth dist.	-167 Oct 08 j 17:17	15°♎31'59	1.44267 AU	
desc. node	-167 Oct 08 j 17:17	15°♎31'58		
	-167 Oct 17 j 22:40	0°♏		
evening rise	-167 Oct 19 j 09:59	2°♏16'15		
	-167 Nov 06 j 23:16	0°♐		
greatest brilliancy	-167 Nov 09 j 20:53	3°♐59'22	-0.5m	
evening max el	-167 Nov 16 j 01:33	11°♐27'56	20°27'13	
retrograde	-167 Nov 24 j 01:19	16°♐10'30		
asc. node	-167 Nov 25 j 22:10	15°♐50'37		
evening set	-167 Nov 27 j 19:16	14°♐49'20		
inferior conj	-167 Dec 03 j 06:33	8°♐40'12	2°19'52	
minimum elong	-167 Dec 03 j 03:55	8°♐49'07	2°18'59	
min. Earth dist.	-167 Dec 03 j 22:40	7°♐45'35	0.67090 AU	
morning rise	-167 Dec 08 j 12:03	2°♐24'53		
	-167 Dec 13 j 09:46	30°℞♏		
direct	-167 Dec 14 j 02:10	29°♏57'58		
	-167 Dec 14 j 18:50	0°♐		
morning max el	-167 Dec 25 j 10:44	6°♐44'12	24°35'16	
desc. node	-166 Jan 04 j 16:32	18°♐56'33		
	-166 Jan 12 j 13:32	0°♑		
morning set	-166 Jan 30 j 10:24	28°♑46'50		
	-166 Jan 31 j 03:00	0°♒		
max. Earth dist.	-166 Feb 03 j 03:36	5°♒25'50	1.37520 AU	
superior conj	-166 Feb 09 j 21:22	18°♒06'46	-1°-41'-21	
minimum elong	-166 Feb 10 j 01:10	18°♒25'12	1°40'58	
	-166 Feb 15 j 21:55	0°♓		
evening rise	-166 Feb 18 j 12:02	5°♓09'41		
asc. node	-166 Feb 21 j 21:28	11°♓48'57		
	-166 Mar 05 j 03:30	0°♈		
evening max el	-166 Mar 07 j 07:19	2°♈18'47	19°13'57	
retrograde	-166 Mar 16 j 05:26	6°♈36'09		
evening set	-166 Mar 18 j 10:17	6°♈21'37		
inferior conj	-166 Mar 26 j 17:02	2°♈11'25	1°52'47	
minimum elong	-166 Mar 26 j 21:02	2°♈04'40	1°51'33	
min. Earth dist.	-166 Mar 29 j 15:18	0°♈13'58	0.56510 AU	
	-166 Mar 30 j 00:00	30°℞♓		
desc. node	-166 Apr 02 j 15:42	27°♓56'54		
morning rise	-166 Apr 04 j 03:49	27°♓19'02		
direct	-166 Apr 09 j 01:22	26°♓23'38		
	-166 Apr 18 j 21:04	0°♈		
morning max el	-166 Apr 23 j 05:59	3°♈39'23	25°16'41	
	-166 May 11 j 23:09	0°♉		
morning set	-166 May 19 j 22:19	15°♉43'01		
asc. node	-166 May 20 j 20:44	17°♉41'37		
superior conj	-166 May 26 j 23:06	0°♊55'26	1°00'27	
minimum elong	-166 May 26 j 20:51	0°♊43'05	1°00'02	
	-166 May 26 j 12:57	0°♊		
max. Earth dist.	-166 May 28 j 01:38	3°♊19'59	1.32777 AU	
evening rise	-166 Jun 03 j 03:27	16°♊14'18		
	-166 Jun 10 j 04:43	0°♋		
desc. node	-166 Jun 29 j 14:58	29°♋37'46		
	-166 Jun 29 j 22:28	0°♌		
evening max el	-166 Jul 05 j 04:22	5°♌36'19	27°18'24	
retrograde	-166 Jul 19 j 00:08	12°♌53'52		
evening set	-166 Jul 26 j 04:06	10°♌28'11		
min. Earth dist.	-166 Jul 29 j 18:09	7°♌36'58	0.62224 AU	
inferior conj	-166 Aug 01 j 17:49	4°♌50'11	-4°-8'-1	
minimum elong	-166 Aug 01 j 22:19	4°♌39'41	4°07'08	
	-166 Aug 08 j 05:17	30°℞♋		
morning rise	-166 Aug 08 j 19:05	29°♋46'26		
direct	-166 Aug 11 j 05:50	29°♋19'58		
	-166 Aug 14 j 04:53	0°♌		
asc. node	-166 Aug 16 j 19:57	1°♌41'03		
morning max el	-166 Aug 18 j 00:52	2°♌46'26	17°54'35	
morning set	-166 Sep 03 j 02:15	27°♌53'59		
	-166 Sep 04 j 06:14	0°♍		
superior conj	-166 Sep 14 j 02:22	17°♍20'18	1°11'38	
minimum elong	-166 Sep 14 j 07:22	17°♍41'39	1°11'04	
max. Earth dist.	-166 Sep 21 j 07:17	29°♍22'54	1.42949 AU	
	-166 Sep 21 j 16:23	0°♎		
desc. node	-166 Sep 25 j 14:18	6°♎18'00		
evening rise	-166 Sep 28 j 18:27	11°♎18'18		
	-166 Oct 11 j 02:15	0°♏		
greatest brilliancy	-166 Oct 25 j 01:10	19°♏19'24	-0.4m	
evening max el	-166 Oct 29 j 22:55	24°♏56'32	21°38'07	
	-166 Nov 06 j 02:24	0°♐		
retrograde	-166 Nov 07 j 22:07	0°♐16'25		
	-166 Nov 09 j 16:05	30°℞♏		
evening set	-166 Nov 12 j 03:03	28°♏38'41		
asc. node	-166 Nov 12 j 19:12	28°♏04'36		
inferior conj	-166 Nov 17 j 12:39	22°♏20'46	1°34'26	
minimum elong	-166 Nov 17 j 10:39	22°♏27'41	1°33'40	
min. Earth dist.	-166 Nov 17 j 17:17	22°♏04'44	0.67543 AU	
morning rise	-166 Nov 22 j 17:59	16°♏05'43		
direct	-166 Nov 27 j 16:40	14°♏00'25		
morning max el	-166 Dec 07 j 20:05	20°♏02'02	23°07'38	
greatest brilliancy	-166 Dec 12 j 18:16	25°♏32'57	-0.3m	
	-166 Dec 16 j 06:57	0°♐		
desc. node	-166 Dec 22 j 13:34	8°♐33'58		
	-165 Jan 05 j 19:02	0°♑		
morning set	-165 Jan 11 j 11:51	9°♑17'08		
max. Earth dist.	-165 Jan 15 j 22:58	16°♑51'53	1.39628 AU	
	-165 Jan 23 j 07:35	0°♒		
superior conj	-165 Jan 23 j 15:12	0°♒35'06	-1°-56'-37	
minimum elong	-165 Jan 23 j 17:51	0°♒47'19	1°56'31	
evening rise	-165 Feb 02 j 04:31	18°♒41'40		
	-165 Feb 08 j 05:14	0°♓		
asc. node	-165 Feb 08 j 18:30	0°♓59'08		
evening max el	-165 Feb 18 j 09:47	14°♓45'40	18°32'28	
retrograde	-165 Feb 26 j 01:32	18°♓30'35		
evening set	-165 Feb 28 j 10:53	18°♓09'52		
inferior conj	-165 Mar 07 j 23:22	13°♓40'02	3°03'54	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-165 Mar 08 j 03:21	13°♓32'10	3°03'04
min. Earth dist.	-165 Mar 11 j 09:17	11°♓00'16	0.58316 AU
morning rise	-165 Mar 15 j 15:53	8°♓17'35	
desc. node	-165 Mar 20 j 12:43	6°♓50'16	
direct	-165 Mar 21 j 14:54	6°♓47'14	
morning max el	-165 Apr 04 j 23:16	14°♓23'48	26°38'49
	-165 Apr 17 j 10:43	0°♈	
morning set	-165 May 04 j 09:02	0°♉37'39	
	-165 May 04 j 01:49	0°♉	
asc. node	-165 May 07 j 17:47	7°♉48'31	
superior conj	-165 May 11 j 10:46	15°♉55'01	0°38'21
minimum elong	-165 May 11 j 09:09	15°♉46'11	0°38'01
max. Earth dist.	-165 May 11 j 13:53	16°♉12'10	1.32392 AU
	-165 May 17 j 22:53	0°♊	
evening rise	-165 May 18 j 10:27	1°♊00'39	
	-165 Jun 03 j 07:02	0°♋	
desc. node	-165 Jun 16 j 11:59	16°♋54'04	
evening max el	-165 Jun 17 j 07:06	17°♋40'32	26°39'56
retrograde	-165 Jul 01 j 06:40	24°♋55'46	
evening set	-165 Jul 08 j 00:22	22°♋59'15	
min. Earth dist.	-165 Jul 11 j 20:29	20°♋21'48	0.60219 AU
inferior conj	-165 Jul 15 j 04:08	17°♋39'50	-4°-37'-26
minimum elong	-165 Jul 15 j 06:44	17°♋34'30	4°37'13
morning rise	-165 Jul 22 j 16:21	12°♋58'38	
direct	-165 Jul 25 j 02:58	12°♋36'14	
morning max el	-165 Aug 01 j 12:32	16°♋12'17	18°11'35
asc. node	-165 Aug 03 j 17:00	18°♋34'38	
	-165 Aug 11 j 05:14	0°♌	
morning set	-165 Aug 17 j 09:50	11°♌23'14	
superior conj	-165 Aug 27 j 00:48	29°♌15'41	1°34'26
minimum elong	-165 Aug 27 j 04:20	29°♌31'38	1°34'09
	-165 Aug 27 j 10:38	0°♍	
max. Earth dist.	-165 Sep 03 j 15:33	12°♍34'44	1.41171 AU
evening rise	-165 Sep 08 j 18:43	21°♍05'25	
desc. node	-165 Sep 12 j 11:19	27°♍00'16	
	-165 Sep 14 j 09:10	0°♎	
	-165 Oct 05 j 07:53	0°♏	
greatest brilliancy	-165 Oct 07 j 09:45	2°♏35'05	-0.3m
evening max el	-165 Oct 12 j 14:55	8°♏26'03	22°56'29
retrograde	-165 Oct 22 j 16:37	14°♏24'45	
evening set	-165 Oct 27 j 10:25	12°♏29'07	
asc. node	-165 Oct 30 j 16:14	8°♏59'46	
inferior conj	-165 Nov 01 j 19:47	6°♏06'09	0°44'08
minimum elong	-165 Nov 01 j 18:46	6°♏09'40	0°43'42
min. Earth dist.	-165 Nov 01 j 13:50	6°♏26'38	0.67661 AU
	-165 Nov 06 j 23:58	30°℞♎	
morning rise	-165 Nov 07 j 03:06	29°♎53'37	
direct	-165 Nov 11 j 10:57	28°♎11'04	
	-165 Nov 16 j 09:26	0°♏	
morning max el	-165 Nov 20 j 09:48	3°♏26'55	21°42'29
greatest brilliancy	-165 Nov 25 j 07:41	9°♏01'54	-0.4m
desc. node	-165 Dec 09 j 10:36	28°♏36'09	
	-165 Dec 10 j 09:12	0°♐	
morning set	-165 Dec 22 j 08:10	18°♐24'06	
max. Earth dist.	-165 Dec 28 j 22:42	29°♐07'39	1.41680 AU
	-165 Dec 29 j 11:18	0°♑	
superior conj	-164 Jan 05 j 12:58	12°♑03'15	-2°-1'-35
minimum elong	-164 Jan 05 j 12:25	12°♑00'50	2°01'36
	-164 Jan 15 j 12:16	0°♒	
evening rise	-164 Jan 16 j 09:01	1°♒35'20	
asc. node	-164 Jan 26 j 15:33	19°♒38'46	
evening max el	-164 Feb 01 j 18:32	27°♒38'26	18°11'03
	-164 Feb 04 j 18:50	0°♓	
retrograde	-164 Feb 08 j 15:25	1°♓06'45	
evening set	-164 Feb 11 j 05:12	0°♓38'07	
	-164 Feb 12 j 14:55	30°℞♒	
inferior conj	-164 Feb 18 j 02:08	25°♒46'56	3°40'54
minimum elong	-164 Feb 18 j 04:07	25°♒42'24	3°40'43
min. Earth dist.	-164 Feb 21 j 09:09	22°♒47'44	0.60399 AU
morning rise	-164 Feb 24 j 23:54	20°♒03'03	
direct	-164 Mar 02 j 16:32	17°♒55'26	
desc. node	-164 Mar 06 j 09:47	18°♒32'20	
morning max el	-164 Mar 16 j 22:36	25°♒43'31	27°31'09
	-164 Mar 20 j 22:11	0°♓	
	-164 Apr 09 j 19:56	0°♈	
morning set	-164 Apr 17 j 16:39	15°♈20'58	
asc. node	-164 Apr 23 j 14:50	27°♈59'19	
max. Earth dist.	-164 Apr 24 j 02:25	29°♈02'34	1.32371 AU
superior conj	-164 Apr 24 j 22:14	0°♉51'02	0°13'50
minimum elong	-164 Apr 24 j 21:36	0°♉47'37	0°13'41
behind sun begin	-164 Apr 24 j 19:04	0°♉33'41	
behind sun end	-164 Apr 25 j 00:09	1°♉01'33	
	-164 Apr 24 j 12:55	0°♉	
evening rise	-164 May 01 j 20:47	15°♉54'15	
	-164 May 08 j 21:58	0°♊	
evening max el	-164 May 29 j 02:54	28°♊58'59	25°31'21
	-164 May 30 j 05:13	0°♋	
desc. node	-164 Jun 02 j 09:01	2°♋32'28	
retrograde	-164 Jun 12 j 04:04	6°♋09'56	
evening set	-164 Jun 17 j 22:12	4°♋51'50	
min. Earth dist.	-164 Jun 22 j 14:58	2°♋09'40	0.58175 AU
inferior conj	-164 Jun 25 j 20:20	29°♊53'11	-4°-42'-28
minimum elong	-164 Jun 25 j 19:00	29°♊55'34	4°42'26
	-164 Jun 25 j 16:30	30°℞♊	
morning rise	-164 Jul 03 j 19:38	25°♊34'42	
direct	-164 Jul 06 j 07:51	25°♊15'05	
morning max el	-164 Jul 14 j 17:42	29°♊12'43	18°48'54
	-164 Jul 15 j 12:56	0°♋	
asc. node	-164 Jul 20 j 14:04	6°♋25'23	
morning set	-164 Jul 31 j 04:28	25°♋25'09	
	-164 Aug 02 j 12:32	0°♌	
superior conj	-164 Aug 08 j 19:43	12°♌12'19	1°45'24
minimum elong	-164 Aug 08 j 21:04	12°♌18'46	1°45'21
max. Earth dist.	-164 Aug 15 j 18:57	25°♌01'30	1.39171 AU
	-164 Aug 18 j 15:05	0°♍	
evening rise	-164 Aug 19 j 19:20	2°♍01'20	
desc. node	-164 Aug 29 j 08:21	17°♍34'35	
	-164 Sep 06 j 15:43	0°♎	
evening max el	-164 Sep 24 j 03:29	21°♎58'43	24°16'35
retrograde	-164 Oct 05 j 07:40	28°♎31'59	
evening set	-164 Oct 10 j 15:39	26°♎18'26	
min. Earth dist.	-164 Oct 15 j 09:54	20°♎49'21	0.67461 AU
inferior conj	-164 Oct 16 j 02:11	19°♎54'32	0°-9'-35
minimum elong	-164 Oct 16 j 02:25	19°♎53'45	0°09'30
transit middle	-164 Oct 16 j 02:25	19°♎53'45	0°09'30
transit begin	-164 Oct 16 j 00:12	20°♎01'13	
transit end	-164 Oct 16 j 04:38	19°♎46'16	
asc. node	-164 Oct 16 j 13:18	19°♎17'11	
morning rise	-164 Oct 21 j 13:29	13°♎47'08	
direct	-164 Oct 25 j 08:02	12°♎25'46	
morning max el	-164 Nov 02 j 06:29	17°♎01'22	20°26'30
greatest brilliancy	-164 Nov 08 j 16:09	24°♎40'10	-0.5m
	-164 Nov 12 j 13:07	0°♏	
desc. node	-164 Nov 25 j 07:39	18°♏56'05	
morning set	-164 Nov 30 j 07:13	26°♏35'48	
	-164 Dec 02 j 11:43	0°♐	
max. Earth dist.	-164 Dec 10 j 05:42	12°♐16'32	1.43396 AU
superior conj	-164 Dec 16 j 09:31	22°♐20'04	-1°-51'-39

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-164 Dec 16 j 04:10	21°♐57'54	1°51'21
	-164 Dec 20 j 23:08	0°♑	
evening rise	-164 Dec 28 j 21:26	13°♑42'16	
	-163 Jan 07 j 08:55	0°♒	
asc. node	-163 Jan 12 j 12:37	7°♒38'27	
evening max el	-163 Jan 15 j 06:36	10°♒49'08	18°09'14
retrograde	-163 Jan 21 j 19:03	14°♒14'48	
evening set	-163 Jan 24 j 13:07	13°♒37'08	
inferior conj	-163 Jan 30 j 21:56	8°♒24'59	3°50'52
minimum elong	-163 Jan 30 j 21:42	8°♒25'36	3°50'51
min. Earth dist.	-163 Feb 02 j 17:17	5°♒30'49	0.62441 AU
morning rise	-163 Feb 06 j 04:08	2°♒27'49	
	-163 Feb 11 j 12:37	30°℞♑	
direct	-163 Feb 13 j 03:55	29°♑51'42	
	-163 Feb 14 j 20:04	0°♒	
desc. node	-163 Feb 21 j 06:50	2°♒47'51	
morning max el	-163 Feb 27 j 03:39	7°♒43'57	27°47'07
	-163 Mar 16 j 05:33	0°♓	
morning set	-163 Apr 01 j 19:08	29°♓45'51	
	-163 Apr 01 j 21:56	0°♈	
max. Earth dist.	-163 Apr 07 j 11:21	11°♈37'45	1.32735 AU
superior conj	-163 Apr 09 j 07:52	15°♈37'56	0°-12'-19
minimum elong	-163 Apr 09 j 08:27	15°♈41'05	0°12'12
behind sun begin	-163 Apr 09 j 05:08	15°♈23'03	
behind sun end	-163 Apr 09 j 11:47	15°♈59'08	
asc. node	-163 Apr 10 j 11:54	18°♈10'03	
	-163 Apr 15 j 23:24	0°♉	
evening rise	-163 Apr 16 j 08:34	0°♉48'35	
	-163 May 02 j 14:19	0°♊	
evening max el	-163 May 10 j 17:58	9°♊43'10	24°02'15
desc. node	-163 May 20 j 06:03	15°♊57'17	
retrograde	-163 May 24 j 13:40	16°♊39'47	
evening set	-163 May 28 j 22:08	15°♊57'46	
min. Earth dist.	-163 Jun 04 j 05:10	12°♊55'02	0.56414 AU
inferior conj	-163 Jun 06 j 16:23	11°♊23'28	-4°-10'-26
minimum elong	-163 Jun 06 j 10:32	11°♊32'34	4°09'25
morning rise	-163 Jun 15 j 02:39	7°♊22'59	
direct	-163 Jun 17 j 17:44	7°♊04'56	
morning max el	-163 Jun 27 j 13:29	11°♊38'01	19°47'15
asc. node	-163 Jul 07 j 11:08	25°♊00'11	
	-163 Jul 10 j 05:49	0°♋	
morning set	-163 Jul 15 j 06:49	9°♋51'14	
superior conj	-163 Jul 23 j 05:38	25°♋54'44	1°46'45
minimum elong	-163 Jul 23 j 05:06	25°♋52'05	1°46'45
	-163 Jul 25 j 07:27	0°♌	
max. Earth dist.	-163 Jul 28 j 22:35	6°♌57'26	1.37211 AU
evening rise	-163 Aug 01 j 19:53	14°♌06'22	
	-163 Aug 11 j 03:45	0°♍	
desc. node	-163 Aug 16 j 05:22	7°♍56'11	
	-163 Sep 01 j 10:52	0°♎	
evening max el	-163 Sep 06 j 15:03	5°♎35'08	25°31'07
retrograde	-163 Sep 18 j 18:11	12°♎33'35	
evening set	-163 Sep 24 j 16:58	10°♎03'58	
min. Earth dist.	-163 Sep 29 j 03:01	5°♎10'35	0.66945 AU
inferior conj	-163 Sep 30 j 06:05	3°♎43'21	-1°-5'-16
minimum elong	-163 Sep 30 j 07:44	3°♎38'04	1°04'36
asc. node	-163 Oct 03 j 10:22	29°♍54'01	
	-163 Oct 03 j 08:07	30°℞♍	
morning rise	-163 Oct 05 j 23:09	27°♍44'04	
direct	-163 Oct 09 j 06:27	26°♍40'53	
	-163 Oct 15 j 16:16	0°♎	
morning max el	-163 Oct 16 j 10:43	0°♎45'02	19°23'50
greatest brilliancy	-163 Oct 25 j 20:40	12°♎54'54	-0.7m
	-163 Nov 06 j 02:24	0°♏	
morning set	-163 Nov 09 j 07:41	4°♏59'49	
desc. node	-163 Nov 12 j 04:39	9°♏28'09	
max. Earth dist.	-163 Nov 22 j 19:34	26°♏07'23	1.44560 AU
	-163 Nov 25 j 06:13	0°♐	
superior conj	-163 Nov 26 j 03:33	1°♐24'57	-1°-23'-28
minimum elong	-163 Nov 25 j 19:17	0°♐52'01	1°22'38
evening rise	-163 Dec 10 j 13:15	24°♐53'42	
	-163 Dec 13 j 14:46	0°♑	
evening max el	-163 Dec 29 j 19:01	24°♑09'35	18°26'11
asc. node	-163 Dec 30 j 09:41	24°♑45'34	
retrograde	-162 Jan 05 j 08:01	27°♑44'44	
evening set	-162 Jan 08 j 06:55	26°♑56'52	
inferior conj	-162 Jan 14 j 06:40	21°♑25'13	3°41'08
minimum elong	-162 Jan 14 j 04:51	21°♑30'29	3°40'55
min. Earth dist.	-162 Jan 16 j 10:52	18°♑54'53	0.64224 AU
morning rise	-162 Jan 20 j 01:23	15°♑19'41	
direct	-162 Jan 26 j 22:41	12°♑29'48	
desc. node	-162 Feb 08 j 03:52	19°♑00'10	
morning max el	-162 Feb 09 j 12:12	20°♑18'20	27°27'06
	-162 Feb 17 j 20:58	0°♒	
	-162 Mar 09 j 06:17	0°♓	
morning set	-162 Mar 16 j 13:46	13°♓42'56	
max. Earth dist.	-162 Mar 21 j 12:49	23°♓45'22	1.33510 AU
superior conj	-162 Mar 24 j 13:46	0°♈08'52	0°-39'-8
minimum elong	-162 Mar 24 j 15:39	0°♈18'51	0°38'46
	-162 Mar 24 j 12:06	0°♈	
asc. node	-162 Mar 28 j 08:58	8°♈16'10	
evening rise	-162 Mar 31 j 19:55	15°♈36'44	
	-162 Apr 08 j 02:07	0°♉	
evening max el	-162 Apr 22 j 10:09	20°♉18'31	22°26'57
retrograde	-162 May 05 j 10:19	26°♉42'56	
desc. node	-162 May 07 j 03:04	26°♉36'31	
evening set	-162 May 08 j 10:51	26°♉22'52	
min. Earth dist.	-162 May 16 j 17:48	22°♉47'49	0.55277 AU
inferior conj	-162 May 17 j 18:40	22°♉12'36	-2°-53'-7
minimum elong	-162 May 17 j 11:41	22°♉22'31	2°51'04
morning rise	-162 May 26 j 14:40	18°♉18'56	
direct	-162 May 29 j 11:03	18°♉00'22	
morning max el	-162 Jun 09 j 22:11	23°♉21'06	21°05'48
	-162 Jun 15 j 17:18	0°♊	
asc. node	-162 Jun 24 j 08:12	14°♊08'29	
morning set	-162 Jun 29 j 14:21	24°♊34'37	
	-162 Jul 02 j 05:00	0°♋	
superior conj	-162 Jul 07 j 02:10	10°♋10'14	1°40'35
minimum elong	-162 Jul 07 j 00:22	10°♋00'58	1°40'28
max. Earth dist.	-162 Jul 11 j 08:30	18°♋48'34	1.35491 AU
evening rise	-162 Jul 15 j 15:50	27°♋08'49	
	-162 Jul 17 j 04:29	0°♌	
desc. node	-162 Aug 03 j 02:23	27°♌58'58	
	-162 Aug 04 j 11:46	0°♍	
evening max el	-162 Aug 20 j 02:57	19°♍11'26	26°32'18
retrograde	-162 Sep 01 j 23:38	26°♍24'24	
evening set	-162 Sep 08 j 12:20	23°♍43'13	
min. Earth dist.	-162 Sep 12 j 14:39	19°♍27'25	0.66089 AU
inferior conj	-162 Sep 14 j 05:34	17°♍29'58	-2°-1'-11
minimum elong	-162 Sep 14 j 08:38	17°♍20'43	2°00'01
morning rise	-162 Sep 20 j 06:02	11°♍42'05	
asc. node	-162 Sep 20 j 07:24	11°♍40'15	
direct	-162 Sep 23 j 04:26	10°♍53'32	
morning max el	-162 Sep 29 j 21:17	14°♍35'53	18°36'45
	-162 Oct 11 j 02:48	0°♎	
morning set	-162 Oct 20 j 07:02	14°♎36'19	
	-162 Oct 29 j 23:28	0°♏	
desc. node	-162 Oct 30 j 01:42	0°♏08'49	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-162 Nov 05 j 05:00	9°♏48'52	0°-39'-29
minimum elong	-162 Nov 04 j 23:52	9°♏28'40	0°38'51
max. Earth dist.	-162 Nov 05 j 13:54	10°♏23'51	1.45029 AU
	-162 Nov 18 j 00:18	0°♐	
evening rise	-162 Nov 21 j 05:33	5°♐06'45	
	-162 Dec 07 j 04:54	0°♑	
evening max el	-162 Dec 13 j 05:20	7°♑35'08	19°00'47
asc. node	-162 Dec 17 j 06:42	10°♑46'19	
retrograde	-162 Dec 20 j 02:39	11°♑30'07	
evening set	-162 Dec 23 j 07:33	10°♑30'43	
inferior conj	-162 Dec 29 j 00:49	4°♑41'55	3°17'18
minimum elong	-162 Dec 28 j 22:11	4°♑50'12	3°16'44
min. Earth dist.	-162 Dec 30 j 13:49	2°♑46'09	0.65640 AU
	-161 Jan 01 j 23:08	30°℞♐	
morning rise	-161 Jan 03 j 11:54	28°♐30'46	
direct	-161 Jan 09 j 23:49	25°♐41'44	
	-161 Jan 19 j 08:04	0°♑	
morning max el	-161 Jan 22 j 21:54	3°♑16'35	26°36'24
desc. node	-161 Jan 26 j 00:55	6°♑36'52	
	-161 Feb 12 j 04:33	0°♒	
morning set	-161 Feb 27 j 21:01	27°♒01'26	
	-161 Mar 01 j 10:24	0°♓	
max. Earth dist.	-161 Mar 04 j 03:38	5°♓19'13	1.34729 AU
superior conj	-161 Mar 08 j 13:43	14°♓16'55	-1°-5'-25
minimum elong	-161 Mar 08 j 16:47	14°♓32'43	1°04'53
asc. node	-161 Mar 15 j 06:00	28°♓13'21	
evening rise	-161 Mar 16 j 04:57	0°♈12'22	
	-161 Mar 16 j 02:34	0°♈	
	-161 Apr 03 j 05:01	0°♉	
evening max el	-161 Apr 04 j 09:58	1°♉13'13	20°59'01
retrograde	-161 Apr 15 j 23:40	6°♉49'15	
evening set	-161 Apr 18 j 06:04	6°♉37'10	
desc. node	-161 Apr 24 j 00:07	4°♉34'16	
inferior conj	-161 Apr 27 j 12:53	2°♉39'01	-1°00'-38
minimum elong	-161 Apr 27 j 10:00	2°♉43'05	0°59'38
min. Earth dist.	-161 Apr 28 j 06:41	2°♉13'47	0.55022 AU
	-161 May 02 j 12:29	30°℞♈	
morning rise	-161 May 06 j 13:20	28°♈34'05	
direct	-161 May 09 j 21:22	28°♈10'05	
	-161 May 16 j 21:01	0°♉	
morning max el	-161 May 22 j 20:31	4°♉23'00	22°40'15
	-161 Jun 09 j 08:21	0°♊	
asc. node	-161 Jun 11 j 05:14	3°♊41'17	
morning set	-161 Jun 14 j 00:56	9°♊28'31	
superior conj	-161 Jun 21 j 05:55	24°♊48'00	1°28'31
minimum elong	-161 Jun 21 j 03:30	24°♊35'12	1°28'14
	-161 Jun 23 j 17:11	0°♋	
max. Earth dist.	-161 Jun 24 j 03:37	0°♋54'23	1.34128 AU
evening rise	-161 Jun 29 j 02:16	10°♋54'30	
	-161 Jul 09 j 13:20	0°♌	
desc. node	-161 Jul 20 j 23:25	17°♌33'54	
	-161 Jul 31 j 00:44	0°♍	
evening max el	-161 Aug 02 j 14:43	2°♍37'03	27°12'34
retrograde	-161 Aug 15 j 23:34	9°♍56'14	
evening set	-161 Aug 22 j 23:14	7°♍11'20	
min. Earth dist.	-161 Aug 26 j 18:32	3°♍32'55	0.64867 AU
inferior conj	-161 Aug 28 j 22:24	1°♍09'12	-2°-55'-12
minimum elong	-161 Aug 29 j 02:39	0°♍57'26	2°53'49
	-161 Aug 29 j 23:38	30°℞♌	
morning rise	-161 Sep 04 j 07:43	25°♌36'03	
direct	-161 Sep 06 j 23:32	24°♌58'36	
asc. node	-161 Sep 07 j 04:25	24°♌58'50	
morning max el	-161 Sep 13 j 11:50	28°♌28'13	18°06'23
	-161 Sep 14 j 21:46	0°♍	
morning set	-161 Oct 01 j 10:58	25°♍36'44	
	-161 Oct 04 j 02:09	0°♎	
superior conj	-161 Oct 15 j 11:01	18°♎31'51	0°09'48
minimum elong	-161 Oct 15 j 12:13	18°♎36'38	0°09'39
behind sun begin	-161 Oct 15 j 03:31	18°♎01'50	
behind sun end	-161 Oct 15 j 20:56	19°♎11'24	
desc. node	-161 Oct 16 j 22:43	20°♎54'10	
max. Earth dist.	-161 Oct 19 j 08:46	24°♎44'14	1.44750 AU
	-161 Oct 22 j 17:00	0°♏	
evening rise	-161 Oct 31 j 23:53	14°♏27'30	
	-161 Nov 11 j 02:41	0°♐	
greatest brilliancy	-161 Nov 19 j 00:56	11°♐41'59	-0.6m
evening max el	-161 Nov 26 j 11:27	21°♐02'36	19°51'35
retrograde	-161 Dec 03 j 23:58	25°♐26'13	
asc. node	-161 Dec 04 j 03:42	25°♐26'05	
evening set	-161 Dec 07 j 12:32	24°♐13'33	
inferior conj	-161 Dec 13 j 01:28	18°♐10'40	2°43'09
minimum elong	-161 Dec 12 j 22:40	18°♐19'57	2°42'20
min. Earth dist.	-161 Dec 14 j 00:42	16°♐53'37	0.66664 AU
morning rise	-161 Dec 18 j 08:10	11°♐56'07	
direct	-161 Dec 24 j 06:42	9°♐19'03	
morning max el	-160 Jan 05 j 06:56	16°♐27'23	25°23'27
desc. node	-160 Jan 12 j 21:58	25°♐13'32	
	-160 Jan 16 j 13:20	0°♑	
	-160 Feb 05 j 02:53	0°♒	
morning set	-160 Feb 10 j 12:12	9°♒27'53	
max. Earth dist.	-160 Feb 14 j 06:52	16°♒26'05	1.36387 AU
superior conj	-160 Feb 20 j 04:58	27°♒54'19	-1°-29'-26
minimum elong	-160 Feb 20 j 08:46	28°♒13'10	1°28'57
	-160 Feb 21 j 06:10	0°♓	
evening rise	-160 Feb 28 j 09:37	14°♓29'01	
asc. node	-160 Mar 01 j 03:02	17°♓56'58	
	-160 Mar 07 j 13:05	0°♈	
evening max el	-160 Mar 16 j 20:55	12°♈44'14	19°46'54
retrograde	-160 Mar 26 j 17:36	17°♈28'08	
evening set	-160 Mar 28 j 20:25	17°♈16'00	
inferior conj	-160 Apr 06 j 13:38	13°♈13'52	0°55'54
minimum elong	-160 Apr 06 j 15:59	13°♈10'12	0°55'05
min. Earth dist.	-160 Apr 08 j 21:00	11°♈48'04	0.55717 AU
desc. node	-160 Apr 09 j 21:08	11°♈12'04	
morning rise	-160 Apr 15 j 08:17	8°♈40'19	
direct	-160 Apr 19 j 13:57	8°♈00'26	
morning max el	-160 May 03 j 12:27	14°♈58'18	24°21'10
	-160 May 15 j 09:05	0°♉	
asc. node	-160 May 28 j 02:17	23°♉31'57	
morning set	-160 May 28 j 12:52	24°♉27'25	
	-160 May 31 j 03:17	0°♊	
superior conj	-160 Jun 04 j 14:20	9°♊40'03	1°11'49
minimum elong	-160 Jun 04 j 11:52	9°♊26'44	1°11'25
max. Earth dist.	-160 Jun 06 j 07:31	13°♊22'14	1.33157 AU
evening rise	-160 Jun 11 j 23:08	25°♊11'50	
	-160 Jun 14 j 08:58	0°♋	
	-160 Jul 02 j 01:29	0°♌	
desc. node	-160 Jul 06 j 20:25	6°♌29'11	
evening max el	-160 Jul 15 j 00:50	15°♌40'22	27°25'18
retrograde	-160 Jul 28 j 17:43	23°♌00'06	
evening set	-160 Aug 04 j 22:29	20°♌23'14	
min. Earth dist.	-160 Aug 08 j 12:57	17°♌17'35	0.63283 AU
inferior conj	-160 Aug 11 j 05:57	14°♌35'21	-3°-44'-5
minimum elong	-160 Aug 11 j 10:42	14°♌23'28	3°42'53
morning rise	-160 Aug 18 j 01:13	9°♌20'10	
direct	-160 Aug 20 j 12:58	8°♌50'35	
asc. node	-160 Aug 24 j 01:28	9°♌50'38	
morning max el	-160 Aug 27 j 03:35	12°♌15'54	17°53'33
	-160 Sep 08 j 04:28	0°♍	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-160 Sep 12 j 15:34	7°♍47'47		
superior conj	-160 Sep 24 j 15:37	28°♍23'11	0°52'33	
minimum elong	-160 Sep 24 j 20:23	28°♍42'57	0°51'57	
	-160 Sep 25 j 14:58	0°♎		
max. Earth dist.	-160 Oct 01 j 00:43	8°♎48'47	1.43775 AU	
desc. node	-160 Oct 02 j 19:44	11°♎40'54		
evening rise	-160 Oct 10 j 06:47	23°♎22'55		
	-160 Oct 14 j 14:21	0°♏		
greatest brilliancy	-160 Nov 02 j 23:17	27°♏59'43	-0.5m	
	-160 Nov 04 j 13:16	0°♐		
evening max el	-160 Nov 08 j 12:04	4°♐30'35	20°56'10	
retrograde	-160 Nov 16 j 21:32	9°♐29'10		
asc. node	-160 Nov 20 j 00:43	8°♐33'34		
evening set	-160 Nov 20 j 19:49	8°♐01'18		
inferior conj	-160 Nov 26 j 06:11	1°♐47'48	2°01'18	
minimum elong	-160 Nov 26 j 03:46	1°♐56'06	2°00'26	
min. Earth dist.	-160 Nov 26 j 17:18	1°♐09'43	0.67319 AU	
	-160 Nov 27 j 13:50	30°℞♏		
morning rise	-160 Dec 01 j 11:18	25°♏32'04		
direct	-160 Dec 06 j 18:46	23°♏14'00		
morning max el	-160 Dec 17 j 15:24	29°♏42'45	23°58'09	
	-160 Dec 17 j 22:11	0°♐		
desc. node	-160 Dec 29 j 19:00	14°♐32'24		
	-159 Jan 09 j 10:09	0°♑		
morning set	-159 Jan 22 j 05:10	20°♑44'54		
max. Earth dist.	-159 Jan 26 j 02:20	27°♑32'14	1.38395 AU	
	-159 Jan 27 j 11:19	0°♒		
superior conj	-159 Feb 02 j 07:53	10°♒50'49	-1°-48'-50	
minimum elong	-159 Feb 02 j 11:25	11°♒07'34	1°48'34	
evening rise	-159 Feb 11 j 07:22	28°♒18'55		
	-159 Feb 12 j 04:02	0°♓		
asc. node	-159 Feb 16 j 00:04	7°♓20'56		
evening max el	-159 Feb 27 j 18:27	24°♓52'21	18°53'56	
retrograde	-159 Mar 08 j 02:26	28°♓53'56		
evening set	-159 Mar 10 j 08:59	28°♓37'10		
inferior conj	-159 Mar 18 j 07:49	24°♓19'31	2°27'20	
minimum elong	-159 Mar 18 j 12:12	24°♓11'37	2°26'10	
min. Earth dist.	-159 Mar 21 j 13:19	22°♓01'21	0.57214 AU	
morning rise	-159 Mar 26 j 11:12	19°♓13'10		
desc. node	-159 Mar 27 j 18:11	18°♓44'06		
direct	-159 Mar 31 j 20:09	18°♓03'40		
morning max el	-159 Apr 15 j 03:34	25°♓30'45	25°54'31	
	-159 Apr 19 j 08:06	0°♈		
	-159 May 08 j 09:20	0°♉		
morning set	-159 May 13 j 00:28	9°♉24'42		
asc. node	-159 May 14 j 23:21	13°♉34'00		
superior conj	-159 May 20 j 01:19	24°♉38'21	0°51'26	
minimum elong	-159 May 19 j 23:17	24°♉27'14	0°51'03	
max. Earth dist.	-159 May 20 j 17:34	26°♉07'21	1.32564 AU	
	-159 May 22 j 12:16	0°♊		
evening rise	-159 May 27 j 03:11	9°♊49'48		
	-159 Jun 06 j 16:43	0°♋		
desc. node	-159 Jun 23 j 17:27	24°♋28'00		
evening max el	-159 Jun 27 j 07:04	28°♋09'25	27°06'04	
	-159 Jun 29 j 08:18	0°♌		
retrograde	-159 Jul 11 j 05:05	5°♌26'36		
evening set	-159 Jul 18 j 05:58	3°♌11'50		
min. Earth dist.	-159 Jul 21 j 21:13	0°♌28'21	0.61389 AU	
	-159 Jul 22 j 10:27	30°℞♋		
inferior conj	-159 Jul 25 j 01:04	27°♋41'08	-4°-22'-48	
minimum elong	-159 Jul 25 j 05:01	27°♋32'24	4°22'11	
morning rise	-159 Aug 01 j 06:59	22°♋46'41		
direct	-159 Aug 03 j 17:14	22°♋22'18		
morning max el	-159 Aug 10 j 17:35	25°♋51'58	17°59'19	
asc. node	-159 Aug 10 j 22:32	26°♋04'08		
	-159 Aug 14 j 06:16	0°♌		
morning set	-159 Aug 26 j 14:55	20°♌53'00		
	-159 Aug 31 j 14:32	0°♍		
superior conj	-159 Sep 05 j 23:42	9°♍35'47	1°22'52	
minimum elong	-159 Sep 06 j 04:16	9°♍55'48	1°22'25	
max. Earth dist.	-159 Sep 13 j 11:56	22°♍23'05	1.42237 AU	
	-159 Sep 18 j 04:08	0°♎		
evening rise	-159 Sep 19 j 20:17	2°♎40'03		
desc. node	-159 Sep 19 j 16:46	2°♎26'03		
	-159 Oct 08 j 01:25	0°♏		
greatest brilliancy	-159 Oct 17 j 13:49	12°♏40'33	-0.3m	
evening max el	-159 Oct 22 j 07:06	17°♏59'59	22°10'55	
retrograde	-159 Oct 31 j 17:32	23°♏36'37		
evening set	-159 Nov 05 j 03:38	21°♏51'38		
asc. node	-159 Nov 06 j 21:46	20°♏11'14		
inferior conj	-159 Nov 10 j 12:58	15°♏31'14	1°13'38	
minimum elong	-159 Nov 10 j 11:21	15°♏36'51	1°12'58	
min. Earth dist.	-159 Nov 10 j 13:08	15°♏30'42	0.67632 AU	
morning rise	-159 Nov 15 j 18:53	9°♏16'45		
direct	-159 Nov 20 j 11:11	7°♏20'55		
morning max el	-159 Nov 30 j 02:03	13°♏02'57	22°30'33	
greatest brilliancy	-159 Dec 04 j 16:55	18°♏13'37	-0.3m	
	-159 Dec 13 j 14:37	0°♐		
desc. node	-159 Dec 16 j 16:02	4°♐21'41		
	-158 Jan 02 j 08:36	0°♑		
morning set	-158 Jan 02 j 18:12	0°♑39'06		
max. Earth dist.	-158 Jan 07 j 22:29	9°♑16'03	1.40525 AU	
superior conj	-158 Jan 15 j 17:54	22°♑55'34	-2°00'-16	
minimum elong	-158 Jan 15 j 19:28	23°♑02'36	2°00'15	
	-158 Jan 19 j 14:50	0°♒		
evening rise	-158 Jan 25 j 19:13	11°♒35'28		
asc. node	-158 Feb 02 j 21:07	26°♒19'04		
	-158 Feb 05 j 03:30	0°♓		
evening max el	-158 Feb 11 j 00:04	7°♓31'40	18°20'58	
retrograde	-158 Feb 18 j 06:11	11°♓07'10		
evening set	-158 Feb 20 j 17:37	10°♓43'09		
inferior conj	-158 Feb 27 j 23:05	6°♓04'29	3°23'23	
minimum elong	-158 Feb 28 j 02:21	5°♓57'39	3°22'51	
min. Earth dist.	-158 Mar 03 j 09:22	3°♓13'20	0.59195 AU	
morning rise	-158 Mar 07 j 07:26	0°♓32'03		
	-158 Mar 08 j 08:31	30°℞♒		
direct	-158 Mar 13 j 15:28	28°♒45'10		
desc. node	-158 Mar 14 j 15:14	28°♒47'44		
	-158 Mar 19 j 02:25	0°♓		
morning max el	-158 Mar 27 j 22:58	6°♓27'17	27°05'12	
	-158 Apr 14 j 12:36	0°♈		
morning set	-158 Apr 27 j 10:04	24°♈14'40		
	-158 Apr 30 j 03:15	0°♉		
asc. node	-158 May 01 j 20:25	3°♉42'44		
superior conj	-158 May 04 j 13:05	9°♉36'45	0°28'12	
minimum elong	-158 May 04 j 11:52	9°♉30'01	0°27'56	
max. Earth dist.	-158 May 04 j 06:19	8°♉59'31	1.32339 AU	
evening rise	-158 May 11 j 11:52	24°♉39'56		
	-158 May 14 j 01:50	0°♊		
	-158 May 31 j 17:53	0°♋		
evening max el	-158 Jun 09 j 07:06	9°♋54'30	26°14'09	
desc. node	-158 Jun 10 j 14:29	11°♋06'36		
retrograde	-158 Jun 23 j 07:50	17°♋07'48		
evening set	-158 Jun 29 j 17:00	15°♋27'27		
min. Earth dist.	-158 Jul 03 j 20:02	12°♋50'01	0.59335 AU	
inferior conj	-158 Jul 07 j 04:06	10°♋16'37	-4°-43'-19	
minimum elong	-158 Jul 07 j 05:16	10°♋14'23	4°43'18	
morning rise	-158 Jul 14 j 20:58	5°♋44'53		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-158 Jul 17 j 08:08	5°♋23'45		
morning max el	-158 Jul 25 j 02:47	9°♋07'39	18°24'53	
asc. node	-158 Jul 28 j 19:37	13°♋23'39		
	-158 Aug 07 j 17:21	0°♌		
morning set	-158 Aug 10 j 03:44	4°♌37'47		
superior conj	-158 Aug 19 j 07:33	21°♌59'05	1°40'23	
minimum elong	-158 Aug 19 j 10:10	22°♌11'11	1°40'14	
	-158 Aug 23 j 17:46	0°♍		
max. Earth dist.	-158 Aug 26 j 18:08	5°♍16'51	1.40337 AU	
evening rise	-158 Aug 31 j 06:35	12°♍55'42		
desc. node	-158 Sep 06 j 13:47	23°♍05'40		
	-158 Sep 11 j 01:16	0°♎		
	-158 Oct 03 j 10:12	0°♏		
evening max el	-158 Oct 04 j 21:32	1°♏31'28	23°30'47	
retrograde	-158 Oct 15 j 10:32	7°♏44'59		
evening set	-158 Oct 20 j 10:16	5°♏41'45		
asc. node	-158 Oct 24 j 18:50	0°♏43'56		
	-158 Oct 25 j 07:47	30°℞♎		
inferior conj	-158 Oct 25 j 20:01	29°♎18'10	0°21'41	
minimum elong	-158 Oct 25 j 19:30	29°♎19'56	0°21'28	
min. Earth dist.	-158 Oct 25 j 09:44	29°♎53'19	0.67622 AU	
morning rise	-158 Oct 31 j 04:48	23°♎07'34		
direct	-158 Nov 04 j 06:53	21°♎34'08		
morning max el	-158 Nov 12 j 18:25	26°♎31'19	21°08'40	
	-158 Nov 15 j 22:01	0°♏		
greatest brilliancy	-158 Nov 18 j 04:22	2°♏47'13	-0.5m	
desc. node	-158 Dec 03 j 13:03	24°♏32'09		
	-158 Dec 07 j 03:43	0°♐		
morning set	-158 Dec 13 j 03:25	9°♐15'40		
max. Earth dist.	-158 Dec 21 j 01:30	21°♐56'18	1.42476 AU	
	-158 Dec 25 j 22:09	0°♑		
superior conj	-158 Dec 28 j 05:27	3°♑54'24	-1°-59'-28	
minimum elong	-158 Dec 28 j 02:56	3°♑43'41	1°59'24	
evening rise	-157 Jan 08 j 17:21	24°♑09'55		
	-157 Jan 11 j 23:14	0°♒		
asc. node	-157 Jan 20 j 18:09	14°♒42'45		
evening max el	-157 Jan 25 j 10:34	20°♒32'47	18°07'54	
retrograde	-157 Feb 01 j 02:31	23°♒58'14		
evening set	-157 Feb 03 j 18:14	23°♒25'44		
inferior conj	-157 Feb 10 j 09:33	18°♒25'11	3°47'58	
minimum elong	-157 Feb 10 j 10:33	18°♒22'47	3°47'55	
min. Earth dist.	-157 Feb 13 j 12:12	15°♒25'43	0.61293 AU	
morning rise	-157 Feb 17 j 00:14	12°♒35'07		
direct	-157 Feb 23 j 21:13	10°♒14'05		
desc. node	-157 Mar 01 j 12:16	11°♒38'46		
morning max el	-157 Mar 10 j 00:48	18°♒03'48	27°42'36	
	-157 Mar 20 j 01:06	0°♓		
	-157 Apr 07 j 05:02	0°♈		
morning set	-157 Apr 11 j 15:47	8°♈51'03		
max. Earth dist.	-157 Apr 17 j 17:58	21°♈46'01	1.32479 AU	
superior conj	-157 Apr 19 j 00:00	24°♈29'34	0°02'53	
minimum elong	-157 Apr 18 j 23:52	24°♈28'50	0°02'52	
behind sun begin	-157 Apr 18 j 18:51	24°♈01'29		
behind sun end	-157 Apr 19 j 04:52	24°♈56'12		
asc. node	-157 Apr 18 j 17:28	23°♈53'58		
	-157 Apr 21 j 12:27	0°♉		
evening rise	-157 Apr 25 j 23:04	9°♉34'58		
	-157 May 06 j 12:42	0°♊		
evening max el	-157 May 22 j 00:29	20°♊56'30	24°55'13	
desc. node	-157 May 28 j 11:31	25°♊53'23		
retrograde	-157 Jun 05 j 00:08	28°♊02'33		
evening set	-157 Jun 10 j 04:58	27°♊00'48		
min. Earth dist.	-157 Jun 15 j 11:59	24°♊11'48	0.57371 AU	
inferior conj	-157 Jun 18 j 11:51	22°♊12'33	-4°-34'-11	
minimum elong	-157 Jun 18 j 08:28	22°♊18'13	4°33'52	
morning rise	-157 Jun 26 j 15:50	18°♊02'43		
direct	-157 Jun 29 j 05:21	17°♊43'45		
morning max el	-157 Jul 08 j 04:14	21°♊54'22	19°11'13	
	-157 Jul 14 j 16:27	0°♋		
asc. node	-157 Jul 15 j 16:42	1°♋34'51		
morning set	-157 Jul 25 j 02:04	18°♋51'42		
	-157 Jul 30 j 16:34	0°♌		
superior conj	-157 Aug 02 j 09:31	5°♌17'40	1°47'01	
minimum elong	-157 Aug 02 j 10:00	5°♌20'02	1°47'01	
max. Earth dist.	-157 Aug 08 j 21:27	17°♌30'36	1.38320 AU	
evening rise	-157 Aug 12 j 17:50	24°♌22'21		
	-157 Aug 16 j 00:32	0°♍		
desc. node	-157 Aug 24 j 10:49	13°♍35'46		
	-157 Sep 04 j 18:25	0°♎		
evening max el	-157 Sep 17 j 09:27	15°♎06'20	24°49'16	
retrograde	-157 Sep 28 j 23:39	21°♎51'05		
evening set	-157 Oct 04 j 14:05	19°♎30'06		
min. Earth dist.	-157 Oct 09 j 04:43	14°♎16'14	0.67292 AU	
inferior conj	-157 Oct 10 j 01:34	13°♎07'12	0°-33'-2	
minimum elong	-157 Oct 10 j 02:23	13°♎04'30	0°32'43	
asc. node	-157 Oct 11 j 15:53	11°♎02'48		
morning rise	-157 Oct 15 j 15:08	7°♎03'10		
direct	-157 Oct 19 j 04:40	5°♎50'00		
morning max el	-157 Oct 26 j 18:28	10°♎10'35	19°58'02	
greatest brilliancy	-157 Nov 03 j 03:15	19°♎13'33	-0.6m	
	-157 Nov 10 j 13:54	0°♏		
desc. node	-157 Nov 20 j 10:05	14°♏58'00		
morning set	-157 Nov 21 j 23:54	17°♏23'53		
	-157 Nov 30 j 01:42	0°♐		
max. Earth dist.	-157 Dec 03 j 12:10	5°♐26'57	1.43977 AU	
superior conj	-157 Dec 08 j 14:19	13°♐38'53	-1°-41'-57	
minimum elong	-157 Dec 08 j 07:11	13°♐09'51	1°41'24	
	-157 Dec 18 j 10:23	0°♑		
evening rise	-157 Dec 21 j 21:30	5°♑54'21		
	-156 Jan 05 j 17:53	0°♒		
asc. node	-156 Jan 07 j 15:12	2°♒21'33		
evening max el	-156 Jan 08 j 23:01	3°♒47'55	18°14'08	
retrograde	-156 Jan 15 j 10:46	7°♒16'34		
evening set	-156 Jan 18 j 06:45	6°♒34'43		
inferior conj	-156 Jan 24 j 11:19	1°♒13'44	3°48'46	
minimum elong	-156 Jan 24 j 10:19	1°♒16'28	3°48'42	
	-156 Jan 25 j 14:12	30°℞♑		
min. Earth dist.	-156 Jan 27 j 00:17	28°♑28'00	0.63237 AU	
morning rise	-156 Jan 30 j 12:06	25°♑12'20		
direct	-156 Feb 06 j 11:38	22°♑28'47		
desc. node	-156 Feb 16 j 09:18	26°♑48'22		
	-156 Feb 19 j 23:31	0°♒		
morning max el	-156 Feb 20 j 07:53	0°♒20'40	27°42'54	
	-156 Mar 13 j 01:27	0°♓		
morning set	-156 Mar 25 j 15:16	23°♓05'23		
	-156 Mar 29 j 00:27	0°♈		
max. Earth dist.	-156 Mar 31 j 00:22	4°♈11'47	1.33009 AU	
superior conj	-156 Apr 02 j 08:14	9°♈10'14	0°-23'-41	
minimum elong	-156 Apr 02 j 09:22	9°♈16'19	0°23'27	
asc. node	-156 Apr 04 j 14:31	14°♈03'13		
evening rise	-156 Apr 09 j 10:51	24°♈27'22		
	-156 Apr 12 j 03:00	0°♉		
	-156 May 01 j 02:23	0°♊		
evening max el	-156 May 02 j 14:54	1°♊32'20	23°21'34	
desc. node	-156 May 14 j 08:34	8°♊10'54		
retrograde	-156 May 16 j 04:19	8°♊18'28		
evening set	-156 May 19 j 22:14	7°♊47'36		
min. Earth dist.	-156 May 27 j 01:00	4°♊32'40	0.55830 AU	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-156 May 28 j 23:35	3°♊23'49	-3°-43'-10
minimum elong	-156 May 28 j 16:36	3°♊34'11	3°41'34
	-156 Jun 04 j 17:42	30°℞♉	
morning rise	-156 Jun 06 j 14:21	29°♉28'32	
direct	-156 Jun 09 j 07:08	29°♉10'44	
	-156 Jun 13 j 15:31	0°♊	
morning max el	-156 Jun 19 j 19:28	4°♊02'31	20°18'27
asc. node	-156 Jul 01 j 13:45	20°♊24'54	
	-156 Jul 06 j 14:06	0°♋	
morning set	-156 Jul 08 j 06:51	3°♋25'47	
superior conj	-156 Jul 16 j 00:25	19°♋15'42	1°44'58
minimum elong	-156 Jul 15 j 23:16	19°♋09'54	1°44'55
max. Earth dist.	-156 Jul 21 j 02:51	29°♋20'13	1.36435 AU
	-156 Jul 21 j 11:08	0°♌	
evening rise	-156 Jul 25 j 03:10	6°♌53'05	
	-156 Aug 07 j 19:26	0°♍	
desc. node	-156 Aug 10 j 07:53	3°♍50'25	
evening max el	-156 Aug 29 j 20:50	28°♍42'46	25°59'08
	-156 Aug 31 j 05:38	0°♎	
retrograde	-156 Sep 11 j 08:13	5°♎49'20	
evening set	-156 Sep 17 j 13:10	3°♎13'44	
	-156 Sep 20 j 16:16	30°℞♍	
min. Earth dist.	-156 Sep 21 j 19:45	28°♍36'21	0.66623 AU
inferior conj	-156 Sep 23 j 03:49	26°♍55'36	-1°-29'-4
minimum elong	-156 Sep 23 j 06:04	26°♍48'30	1°28'10
asc. node	-156 Sep 27 j 12:55	22°♍04'28	
morning rise	-156 Sep 28 j 23:52	21°♍00'58	
direct	-156 Oct 02 j 03:00	20°♍04'39	
morning max el	-156 Oct 09 j 01:44	23°♍58'34	19°01'51
	-156 Oct 14 j 01:44	0°♎	
morning set	-156 Oct 31 j 08:23	26°♎14'49	
	-156 Nov 02 j 17:47	0°♏	
desc. node	-156 Nov 06 j 07:07	5°♏34'40	
max. Earth dist.	-156 Nov 15 j 04:04	19°♏30'36	1.44846 AU
superior conj	-156 Nov 16 j 23:21	22°♏21'13	-1°-6'-17
minimum elong	-156 Nov 16 j 15:38	21°♏50'45	1°05'24
	-156 Nov 21 j 19:05	0°♐	
evening rise	-156 Dec 02 j 03:37	16°♐41'58	
	-156 Dec 10 j 07:31	0°♑	
evening max el	-156 Dec 22 j 10:47	17°♑11'27	18°38'47
asc. node	-156 Dec 24 j 12:13	19°♑02'49	
retrograde	-156 Dec 29 j 02:39	20°♑54'14	
evening set	-155 Jan 01 j 03:46	20°♑01'50	
inferior conj	-155 Jan 07 j 00:30	14°♑22'37	3°32'28
minimum elong	-155 Jan 06 j 22:15	14°♑29'24	3°32'07
min. Earth dist.	-155 Jan 08 j 22:11	12°♑05'48	0.64871 AU
morning rise	-155 Jan 12 j 15:30	8°♑14'07	
direct	-155 Jan 19 j 09:25	5°♑22'47	
morning max el	-155 Feb 01 j 17:24	13°♑07'56	27°08'49
desc. node	-155 Feb 02 j 06:19	13°♑40'38	
	-155 Feb 15 j 08:30	0°♒	
	-155 Mar 05 j 15:22	0°♓	
morning set	-155 Mar 09 j 05:34	6°♓48'11	
max. Earth dist.	-155 Mar 13 j 21:32	16°♓05'11	1.33968 AU
superior conj	-155 Mar 17 j 11:52	23°♓32'35	0°-50'-27
minimum elong	-155 Mar 17 j 14:17	23°♓45'15	0°49'59
	-155 Mar 20 j 13:09	0°♈	
asc. node	-155 Mar 22 j 11:33	4°♈06'17	
evening rise	-155 Mar 24 j 21:26	9°♈11'05	
	-155 Apr 04 j 22:35	0°♉	
evening max el	-155 Apr 14 j 09:35	12°♉12'55	21°48'03
retrograde	-155 Apr 26 j 21:05	18°♉18'35	
evening set	-155 Apr 29 j 11:31	18°♉03'26	
desc. node	-155 May 01 j 05:33	17°♉37'12	

inferior conj	-155 May 08 j 20:49	14°♉00'11	-2°-8'-12
minimum elong	-155 May 08 j 15:04	14°♉08'15	2°06'19
min. Earth dist.	-155 May 08 j 13:55	14°♉09'51	0.55048 AU
morning rise	-155 May 17 j 19:39	10°♉03'50	
direct	-155 May 20 j 19:37	9°♉43'57	
morning max el	-155 Jun 01 j 23:34	15°♉27'38	21°44'27
	-155 Jun 13 j 01:53	0°♊	
asc. node	-155 Jun 18 j 10:47	9°♊44'21	
morning set	-155 Jun 22 j 15:51	18°♊13'48	
	-155 Jun 28 j 06:08	0°♋	
superior conj	-155 Jun 30 j 00:20	3°♋41'35	1°36'07
minimum elong	-155 Jun 29 j 22:12	3°♋30'26	1°35'55
max. Earth dist.	-155 Jul 03 j 16:04	11°♋13'34	1.34861 AU
evening rise	-155 Jul 08 j 05:49	20°♋15'21	
	-155 Jul 13 j 11:54	0°♌	
desc. node	-155 Jul 28 j 04:55	23°♌42'24	
	-155 Aug 01 j 18:23	0°♍	
evening max el	-155 Aug 12 j 08:43	12°♍15'27	26°52'29
retrograde	-155 Aug 25 j 11:34	19°♍32'43	
evening set	-155 Sep 01 j 05:17	16°♍48'50	
min. Earth dist.	-155 Sep 05 j 04:27	12°♍48'58	0.65606 AU
inferior conj	-155 Sep 07 j 00:45	10°♍39'35	-2°-24'-32
minimum elong	-155 Sep 07 j 04:22	10°♍29'01	2°23'14
morning rise	-155 Sep 13 j 04:49	4°♍57'26	
asc. node	-155 Sep 14 j 09:57	4°♍28'05	
direct	-155 Sep 16 j 00:00	4°♍14'09	
morning max el	-155 Sep 22 j 14:16	7°♍50'28	18°21'43
	-155 Oct 07 j 20:47	0°♎	
morning set	-155 Oct 11 j 19:57	6°♎27'25	
desc. node	-155 Oct 24 j 04:10	26°♎17'50	
superior conj	-155 Oct 26 j 23:59	0°♏45'58	0°-18'-28
minimum elong	-155 Oct 26 j 21:33	0°♏36'24	0°18'09
	-155 Oct 26 j 12:20	0°♏	
max. Earth dist.	-155 Oct 28 j 22:31	3°♏49'16	1.44996 AU
evening rise	-155 Nov 12 j 09:53	26°♏30'47	
	-155 Nov 14 j 15:15	0°♐	
greatest brilliancy	-155 Nov 26 j 12:02	18°♐21'54	-0.7m
	-155 Dec 05 j 04:59	0°♑	
evening max el	-155 Dec 05 j 19:35	0°♑38'40	19°20'34
asc. node	-155 Dec 11 j 09:14	4°♑31'15	
retrograde	-155 Dec 12 j 22:37	4°♑44'46	
evening set	-155 Dec 16 j 06:31	3°♑40'06	
	-155 Dec 20 j 02:45	30°℞♐	
inferior conj	-155 Dec 21 j 21:45	27°♐45'14	3°03'52
minimum elong	-155 Dec 21 j 18:58	27°♐54'11	3°03'11
min. Earth dist.	-155 Dec 23 j 04:47	26°♐05'23	0.66127 AU
morning rise	-155 Dec 27 j 06:35	21°♐32'22	
direct	-154 Jan 02 j 13:17	18°♐46'56	
morning max el	-154 Jan 15 j 02:44	26°♐12'21	26°07'23
	-154 Jan 18 j 15:13	0°♑	
desc. node	-154 Jan 20 j 03:21	1°♑45'30	
	-154 Feb 08 j 22:05	0°♒	
morning set	-154 Feb 20 j 06:37	19°♒46'28	
max. Earth dist.	-154 Feb 24 j 06:53	27°♒23'51	1.35385 AU
	-154 Feb 25 j 14:50	0°♓	
superior conj	-154 Mar 01 j 08:30	7°♓28'53	-1°-16'00
minimum elong	-154 Mar 01 j 11:57	7°♓46'26	1°15'29
evening rise	-154 Mar 09 j 04:51	23°♓39'14	
asc. node	-154 Mar 09 j 08:34	23°♓58'18	
	-154 Mar 12 j 08:22	0°♈	
evening max el	-154 Mar 27 j 14:05	23°♈22'28	20°26'07
retrograde	-154 Apr 07 j 10:17	28°♈35'11	
evening set	-154 Apr 09 j 13:47	28°♈23'49	
desc. node	-154 Apr 18 j 02:33	24°♈45'53	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-154 Apr 18 j 16:00	24°♈26'19	0°-9'-37
minimum elong	-154 Apr 18 j 15:33	24°♈26'58	0°09'28
transit middle	-154 Apr 18 j 15:33	24°♈26'58	0°09'28
transit begin	-154 Apr 18 j 12:18	24°♈31'42	
transit end	-154 Apr 18 j 18:48	24°♈22'13	
min. Earth dist.	-154 Apr 20 j 03:27	23°♈34'40	0.55209 AU
morning rise	-154 Apr 27 j 15:19	20°♈10'34	
direct	-154 May 01 j 07:41	19°♈41'08	
morning max el	-154 May 14 j 18:22	26°♈15'08	23°23'06
	-154 May 18 j 07:58	0°♉	
asc. node	-154 Jun 05 j 07:51	29°♉25'36	
	-154 Jun 05 j 14:33	0°♊	
morning set	-154 Jun 07 j 03:12	3°♊10'25	
superior conj	-154 Jun 14 j 06:20	18°♊26'17	1°21'56
minimum elong	-154 Jun 14 j 03:50	18°♊12'54	1°21'36
max. Earth dist.	-154 Jun 16 j 15:13	23°♊29'02	1.33668 AU
	-154 Jun 19 j 18:24	0°♋	
evening rise	-154 Jun 21 j 21:09	4°♋16'13	
	-154 Jul 06 j 05:24	0°♌	
desc. node	-154 Jul 15 j 01:55	13°♌02'17	
evening max el	-154 Jul 25 j 20:18	25°♌34'23	27°21'51
	-154 Jul 31 j 06:28	0°♍	
retrograde	-154 Aug 08 j 09:07	2°♍53'51	
evening set	-154 Aug 15 j 11:41	0°♍11'09	
	-154 Aug 15 j 17:26	30°℞♌	
min. Earth dist.	-154 Aug 19 j 04:39	26°♌47'14	0.64230 AU
inferior conj	-154 Aug 21 j 14:02	24°♌14'43	-3°-16'-51
minimum elong	-154 Aug 21 j 18:37	24°♌02'32	3°15'29
morning rise	-154 Aug 28 j 03:25	18°♌48'30	
direct	-154 Aug 30 j 17:13	18°♌14'40	
asc. node	-154 Sep 01 j 07:01	18°♌27'27	
morning max el	-154 Sep 06 j 05:38	21°♌41'36	17°58'43
	-154 Sep 12 j 14:44	0°♍	
morning set	-154 Sep 23 j 11:12	18°♍00'52	
	-154 Sep 30 j 13:35	0°♎	
superior conj	-154 Oct 06 j 14:09	9°♎54'13	0°29'15
minimum elong	-154 Oct 06 j 17:23	10°♎07'18	0°28'47
desc. node	-154 Oct 11 j 01:13	17°♎04'32	
max. Earth dist.	-154 Oct 11 j 16:45	18°♎06'18	1.44417 AU
	-154 Oct 19 j 06:30	0°♏	
evening rise	-154 Oct 22 j 21:33	5°♏36'42	
	-154 Nov 08 j 01:54	0°♐	
greatest brilliancy	-154 Nov 12 j 12:14	6°♐13'56	-0.6m
evening max el	-154 Nov 18 j 23:37	14°♐07'24	20°17'33
retrograde	-154 Nov 26 j 20:13	18°♐44'42	
asc. node	-154 Nov 28 j 06:15	18°♐33'15	
evening set	-154 Nov 30 j 12:45	17°♐25'44	
inferior conj	-154 Dec 06 j 00:24	11°♐18'06	2°26'13
minimum elong	-154 Dec 05 j 21:43	11°♐27'10	2°25'20
min. Earth dist.	-154 Dec 06 j 18:18	10°♐17'46	0.66995 AU
morning rise	-154 Dec 11 j 06:09	5°♐03'01	
direct	-154 Dec 16 j 22:31	2°♐33'20	
morning max el	-154 Dec 28 j 11:12	9°♐25'20	24°48'01
desc. node	-153 Jan 07 j 00:24	20°♐42'06	
	-153 Jan 13 j 17:52	0°♑	
	-153 Feb 01 j 13:11	0°♒	
morning set	-153 Feb 02 j 13:07	1°♒45'23	
max. Earth dist.	-153 Feb 06 j 06:04	8°♒26'32	1.37220 AU
superior conj	-153 Feb 12 j 19:03	20°♒50'38	-1°-38'-24
minimum elong	-153 Feb 12 j 22:53	21°♒09'23	1°38'00
	-153 Feb 17 j 10:00	0°♓	
evening rise	-153 Feb 21 j 06:55	7°♓45'42	
asc. node	-153 Feb 24 j 05:36	13°♓34'27	
	-153 Mar 05 j 20:19	0°♈	
evening max el	-153 Mar 10 j 05:48	5°♈09'51	19°21'49
retrograde	-153 Mar 19 j 09:28	9°♈33'43	
evening set	-153 Mar 21 j 13:41	9°♈19'54	
inferior conj	-153 Mar 29 j 23:11	5°♈11'57	1°38'52
minimum elong	-153 Mar 30 j 02:53	5°♈05'50	1°37'42
min. Earth dist.	-153 Apr 01 j 18:06	3°♈22'25	0.56280 AU
desc. node	-153 Apr 04 j 23:35	1°♈30'14	
morning rise	-153 Apr 07 j 12:17	0°♈24'34	
	-153 Apr 08 j 20:31	30°℞♓	
direct	-153 Apr 12 j 05:38	29°♓33'41	
	-153 Apr 15 j 14:34	0°♈	
morning max el	-153 Apr 26 j 09:03	6°♈45'05	25°02'49
	-153 May 13 j 07:13	0°♉	
morning set	-153 May 22 j 15:12	18°♉09'30	
asc. node	-153 May 23 j 04:54	19°♉21'51	
	-153 May 28 j 03:04	0°♊	
superior conj	-153 May 29 j 16:03	3°♊21'40	1°03'33
minimum elong	-153 May 29 j 13:43	3°♊08'59	1°03'09
max. Earth dist.	-153 May 30 j 22:22	6°♊06'27	1.32861 AU
evening rise	-153 Jun 05 j 21:25	18°♊43'34	
	-153 Jun 11 j 15:05	0°♋	
	-153 Jun 30 j 15:56	0°♌	
desc. node	-153 Jul 01 j 22:56	1°♌36'02	
evening max el	-153 Jul 08 j 05:11	8°♌24'57	27°21'15
retrograde	-153 Jul 22 j 00:09	15°♌43'00	
evening set	-153 Jul 29 j 04:44	13°♌13'54	
min. Earth dist.	-153 Aug 01 j 18:39	10°♌19'27	0.62509 AU
inferior conj	-153 Aug 04 j 16:44	7°♌33'22	-4°-2'-8
minimum elong	-153 Aug 04 j 21:20	7°♌22'24	4°01'10
morning rise	-153 Aug 11 j 16:26	2°♌26'37	
direct	-153 Aug 14 j 03:23	1°♌59'23	
asc. node	-153 Aug 19 j 04:05	3°♌55'52	
morning max el	-153 Aug 20 j 20:58	5°♌25'07	17°53'43
	-153 Sep 05 j 16:12	0°♍	
morning set	-153 Sep 06 j 00:29	0°♍37'05	
superior conj	-153 Sep 17 j 06:29	20°♍20'12	1°07'03
minimum elong	-153 Sep 17 j 11:31	20°♍41'33	1°06'27
	-153 Sep 23 j 01:34	0°♎	
max. Earth dist.	-153 Sep 24 j 07:25	2°♎01'48	1.43182 AU
desc. node	-153 Sep 27 j 22:15	7°♎51'00	
evening rise	-153 Oct 02 j 05:01	14°♎35'35	
	-153 Oct 12 j 07:57	0°♏	
greatest brilliancy	-153 Oct 27 j 20:57	21°♏47'27	-0.4m
evening max el	-153 Nov 01 j 21:49	27°♏35'52	21°26'56
	-153 Nov 04 j 11:57	0°♐	
retrograde	-153 Nov 10 j 17:20	2°♐50'15	
evening set	-153 Nov 14 j 20:31	1°♐15'03	
asc. node	-153 Nov 15 j 03:18	1°♐01'26	
	-153 Nov 16 j 05:52	30°℞♏	
inferior conj	-153 Nov 20 j 06:15	24°♏58'05	1°41'43
minimum elong	-153 Nov 20 j 04:07	25°♏05'25	1°40'54
min. Earth dist.	-153 Nov 20 j 12:30	24°♏36'30	0.67494 AU
morning rise	-153 Nov 25 j 11:27	18°♏42'48	
direct	-153 Nov 30 j 12:21	16°♏34'15	
morning max el	-153 Dec 10 j 20:19	22°♏43'03	23°20'45
greatest brilliancy	-153 Dec 16 j 04:21	28°♏43'17	-0.2m
	-153 Dec 17 j 05:10	0°♐	
desc. node	-153 Dec 24 j 21:28	10°♐15'17	
	-152 Jan 07 j 02:43	0°♑	
morning set	-152 Jan 14 j 18:51	12°♑28'59	
max. Earth dist.	-152 Jan 19 j 01:28	19°♑47'47	1.39305 AU
	-152 Jan 24 j 18:31	0°♒	
superior conj	-152 Jan 26 j 15:28	3°♒27'18	-1°-54'-53
minimum elong	-152 Jan 26 j 18:25	3°♒41'00	1°54'44

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening rise	-152 Feb 05 j 00:57	21°♒23'22	
	-152 Feb 09 j 13:39	0°♓	
asc. node	-152 Feb 11 j 02:39	2°♓49'00	
evening max el	-152 Feb 21 j 07:08	17°♓32'45	18°37'23
retrograde	-152 Feb 29 j 02:48	21°♓21'38	
evening set	-152 Mar 02 j 11:22	21°♓02'03	
inferior conj	-152 Mar 10 j 02:27	16°♓35'26	2°55'23
minimum elong	-152 Mar 10 j 06:38	16°♓27'23	2°54'27
min. Earth dist.	-152 Mar 13 j 11:42	14°♓00'32	0.58017 AU
morning rise	-152 Mar 17 j 21:50	11°♓16'44	
desc. node	-152 Mar 21 j 20:38	10°♓00'48	
direct	-152 Mar 23 j 17:18	9°♓52'02	
morning max el	-152 Apr 07 j 01:49	17°♓26'38	26°28'12
	-152 Apr 17 j 11:02	0°♈	
	-152 May 04 j 14:30	0°♉	
morning set	-152 May 06 j 02:13	3°♉05'24	
asc. node	-152 May 09 j 01:58	9°♉27'55	
superior conj	-152 May 13 j 03:37	18°♉21'25	0°41'52
minimum elong	-152 May 13 j 01:54	18°♉11'55	0°41'32
max. Earth dist.	-152 May 13 j 10:10	18°♉57'22	1.32424 AU
	-152 May 18 j 12:17	0°♊	
evening rise	-152 May 20 j 03:46	3°♊28'11	
	-152 Jun 03 j 11:08	0°♋	
desc. node	-152 Jun 17 j 19:56	19°♋04'16	
evening max el	-152 Jun 19 j 08:48	20°♋35'30	26°47'40
retrograde	-152 Jul 03 j 08:03	27°♋51'29	
evening set	-152 Jul 10 j 04:03	25°♋49'46	
min. Earth dist.	-152 Jul 13 j 22:25	23°♋11'24	0.60527 AU
inferior conj	-152 Jul 17 j 05:25	20°♋27'18	-4°-34'-19
minimum elong	-152 Jul 17 j 08:27	20°♋20'58	4°34'00
morning rise	-152 Jul 24 j 16:01	15°♋42'45	
direct	-152 Jul 27 j 02:27	15°♋19'55	
morning max el	-152 Aug 03 j 09:22	18°♋53'56	18°07'45
asc. node	-152 Aug 05 j 01:11	20°♋39'26	
	-152 Aug 11 j 12:09	0°♌	
morning set	-152 Aug 19 j 06:04	14°♌00'14	
	-152 Aug 27 j 21:34	0°♍	
superior conj	-152 Aug 29 j 01:20	2°♍04'52	1°31'46
minimum elong	-152 Aug 29 j 05:11	2°♍22'03	1°31'27
max. Earth dist.	-152 Sep 05 j 16:19	15°♍19'09	1.41456 AU
evening rise	-152 Sep 11 j 02:04	24°♍13'38	
desc. node	-152 Sep 13 j 19:17	28°♍34'05	
	-152 Sep 14 j 17:04	0°♎	
	-152 Oct 05 j 07:05	0°♏	
greatest brilliancy	-152 Oct 09 j 15:43	5°♏32'13	-0.3m
evening max el	-152 Oct 14 j 14:30	11°♏05'01	22°44'36
retrograde	-152 Oct 24 j 12:20	16°♏58'21	
evening set	-152 Oct 29 j 04:03	15°♏05'31	
asc. node	-152 Nov 01 j 00:23	12°♏06'33	
inferior conj	-152 Nov 03 j 13:21	8°♏43'00	0°52'03
minimum elong	-152 Nov 03 j 12:10	8°♏47'06	0°51'32
min. Earth dist.	-152 Nov 03 j 08:58	8°♏58'08	0.67661 AU
morning rise	-152 Nov 08 j 20:14	2°♏29'49	
direct	-152 Nov 13 j 06:12	0°♏43'53	
morning max el	-152 Nov 22 j 09:09	6°♏06'38	21°54'40
greatest brilliancy	-152 Nov 27 j 04:08	11°♏31'49	-0.4m
desc. node	-152 Dec 10 j 18:31	0°♐14'17	
	-152 Dec 10 j 14:38	0°♐	
morning set	-152 Dec 24 j 19:22	21°♐47'39	
	-152 Dec 29 j 20:25	0°♑	
max. Earth dist.	-152 Dec 30 j 23:56	1°♑54'17	1.41385 AU
superior conj	-151 Jan 07 j 16:34	15°♑05'15	-2°-1'-42
minimum elong	-151 Jan 07 j 16:38	15°♑05'34	2°01'43
	-151 Jan 15 j 22:33	0°♒	
evening rise	-151 Jan 18 j 07:29	4°♒23'14	
asc. node	-151 Jan 27 j 23:42	21°♒33'54	
	-151 Feb 03 j 06:13	0°♓	
evening max el	-151 Feb 03 j 15:11	0°♓22'27	18°13'02
retrograde	-151 Feb 10 j 14:09	3°♓52'09	
evening set	-151 Feb 13 j 03:18	3°♓24'48	
	-151 Feb 18 j 12:21	30°℞♒	
inferior conj	-151 Feb 20 j 02:21	28°♒36'59	3°37'12
minimum elong	-151 Feb 20 j 04:40	28°♒31'47	3°36'55
min. Earth dist.	-151 Feb 23 j 10:35	25°♒38'59	0.60084 AU
morning rise	-151 Feb 27 j 02:46	22°♒55'45	
direct	-151 Mar 05 j 17:31	20°♒53'11	
desc. node	-151 Mar 08 j 17:41	21°♒17'16	
morning max el	-151 Mar 20 j 00:06	28°♒40'14	27°25'32
	-151 Mar 21 j 07:36	0°♓	
	-151 Apr 11 j 05:00	0°♈	
morning set	-151 Apr 20 j 10:26	17°♈50'45	
asc. node	-151 Apr 25 j 23:01	29°♈38'22	
	-151 Apr 26 j 02:59	0°♉	
max. Earth dist.	-151 Apr 26 j 22:48	1°♉48'18	1.32352 AU
superior conj	-151 Apr 27 j 15:15	3°♉18'26	0°17'40
minimum elong	-151 Apr 27 j 14:27	3°♉14'05	0°17'31
evening rise	-151 May 04 j 13:44	18°♉21'10	
	-151 May 10 j 08:03	0°♊	
	-151 May 30 j 05:46	0°♋	
evening max el	-151 Jun 01 j 05:39	2°♋00'43	25°43'11
desc. node	-151 Jun 04 j 16:57	4°♋59'34	
retrograde	-151 Jun 15 j 07:01	9°♋12'36	
evening set	-151 Jun 21 j 05:21	7°♋48'44	
min. Earth dist.	-151 Jun 25 j 18:01	5°♋08'14	0.58469 AU
inferior conj	-151 Jun 29 j 00:30	2°♋46'45	-4°-43'-53
minimum elong	-151 Jun 28 j 23:52	2°♋47'55	4°43'53
	-151 Jul 03 j 04:39	30°℞♊	
morning rise	-151 Jul 06 j 22:08	28°♊24'53	
direct	-151 Jul 09 j 09:57	28°♊04'57	
	-151 Jul 15 j 04:46	0°♋	
morning max el	-151 Jul 17 j 15:39	1°♋58'46	18°42'01
asc. node	-151 Jul 22 j 22:15	8°♋22'35	
morning set	-151 Aug 02 j 23:19	27°♋58'13	
	-151 Aug 04 j 00:19	0°♌	
superior conj	-151 Aug 11 j 17:35	14°♌53'38	1°44'23
minimum elong	-151 Aug 11 j 19:15	15°♌01'34	1°44'20
max. Earth dist.	-151 Aug 18 j 20:12	27°♌52'28	1.39473 AU
	-151 Aug 20 j 01:17	0°♍	
evening rise	-151 Aug 22 j 23:00	4°♍59'31	
desc. node	-151 Aug 31 j 16:18	19°♍10'13	
	-151 Sep 07 j 20:25	0°♎	
evening max el	-151 Sep 27 j 03:30	24°♎37'42	24°04'50
	-151 Oct 04 j 01:01	0°♏	
retrograde	-151 Oct 08 j 03:53	1°♏06'10	
	-151 Oct 11 j 22:04	30°℞♎	
evening set	-151 Oct 13 j 09:40	28°♎55'22	
min. Earth dist.	-151 Oct 18 j 05:17	23°♎21'07	0.67513 AU
inferior conj	-151 Oct 18 j 19:58	22°♎31'25	0°-1'-15
minimum elong	-151 Oct 18 j 19:59	22°♎31'19	0°01'16
transit middle	-151 Oct 18 j 19:59	22°♎31'19	0°01'16
transit begin	-151 Oct 18 j 17:16	22°♎40'31	
transit end	-151 Oct 18 j 22:42	22°♎22'07	
asc. node	-151 Oct 18 j 21:26	22°♎26'25	
morning rise	-151 Oct 24 j 06:32	16°♎22'59	
direct	-151 Oct 28 j 02:59	14°♎58'32	
morning max el	-151 Nov 05 j 04:38	19°♎39'29	20°36'59
greatest brilliancy	-151 Nov 11 j 07:29	26°♎54'10	-0.5m
	-151 Nov 13 j 14:48	0°♏	
desc. node	-151 Nov 27 j 15:33	20°♏32'03	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-151 Dec 03 j 20:20	0°♐03'31	
	-151 Dec 03 j 19:26	0°♐	
max. Earth dist.	-151 Dec 13 j 05:43	14°♐55'19	1.43175 AU
superior conj	-151 Dec 19 j 17:04	25°♐33'06	-1°-54'-17
minimum elong	-151 Dec 19 j 12:27	25°♐13'48	1°54'04
	-151 Dec 22 j 08:31	0°♑	
evening rise	-151 Dec 31 j 22:30	16°♑37'14	
	-150 Jan 08 j 14:34	0°♒	
asc. node	-150 Jan 14 j 20:44	9°♒40'07	
evening max el	-150 Jan 18 j 02:54	13°♒30'47	18°08'18
retrograde	-150 Jan 24 j 15:55	16°♒55'51	
evening set	-150 Jan 27 j 09:24	16°♒19'31	
inferior conj	-150 Feb 02 j 19:48	11°♒10'24	3°50'44
minimum elong	-150 Feb 02 j 19:52	11°♒10'13	3°50'43
min. Earth dist.	-150 Feb 05 j 17:13	8°♒14'12	0.62153 AU
morning rise	-150 Feb 09 j 04:04	5°♒15'00	
direct	-150 Feb 16 j 03:31	2°♒42'16	
desc. node	-150 Feb 23 j 14:43	5°♒11'26	
morning max el	-150 Mar 02 j 04:14	10°♒33'57	27°47'05
	-150 Mar 17 j 09:33	0°♓	
	-150 Apr 03 j 10:18	0°♈	
morning set	-150 Apr 04 j 13:47	2°♈18'35	
max. Earth dist.	-150 Apr 10 j 08:29	14°♈26'29	1.32657 AU
superior conj	-150 Apr 12 j 01:14	18°♈06'56	0°-8'-17
minimum elong	-150 Apr 12 j 01:38	18°♈09'03	0°08'13
behind sun begin	-150 Apr 11 j 21:12	17°♈44'59	
behind sun end	-150 Apr 12 j 06:03	18°♈33'08	
asc. node	-150 Apr 12 j 20:03	19°♈49'12	
	-150 Apr 17 j 12:39	0°♉	
evening rise	-150 Apr 19 j 01:23	3°♉15'46	
	-150 May 03 j 13:55	0°♊	
evening max el	-150 May 13 j 21:13	12°♊48'55	24°16'17
desc. node	-150 May 22 j 13:58	18°♊47'06	
retrograde	-150 May 27 j 18:16	19°♊48'14	
evening set	-150 Jun 01 j 08:06	19°♊01'36	
min. Earth dist.	-150 Jun 07 j 08:34	16°♊02'48	0.56644 AU
inferior conj	-150 Jun 09 j 23:32	14°♊23'44	-4°-18'-13
minimum elong	-150 Jun 09 j 18:15	14°♊32'07	4°17'24
morning rise	-150 Jun 18 j 08:09	10°♊21'02	
direct	-150 Jun 20 j 22:51	10°♊02'44	
morning max el	-150 Jun 30 j 12:55	14°♊29'41	19°37'15
asc. node	-150 Jul 09 j 19:18	26°♊51'34	
	-150 Jul 11 j 14:28	0°♋	
morning set	-150 Jul 18 j 00:41	12°♋21'27	
superior conj	-150 Jul 26 j 01:33	28°♋30'10	1°47'05
minimum elong	-150 Jul 26 j 01:16	28°♋28'45	1°47'05
	-150 Jul 26 j 19:48	0°♌	
max. Earth dist.	-150 Jul 31 j 23:36	9°♌52'35	1.37491 AU
evening rise	-150 Aug 04 j 20:12	16°♌54'56	
	-150 Aug 12 j 11:56	0°♍	
desc. node	-150 Aug 18 j 13:19	9°♍34'23	
	-150 Sep 02 j 06:16	0°♎	
evening max el	-150 Sep 09 j 15:08	8°♎14'11	25°20'39
retrograde	-150 Sep 21 j 15:01	15°♎09'08	
evening set	-150 Sep 27 j 11:39	12°♎41'44	
min. Earth dist.	-150 Oct 01 j 22:54	7°♎42'59	0.67048 AU
inferior conj	-150 Oct 03 j 00:19	6°♎20'29	0°-56'-47
minimum elong	-150 Oct 03 j 01:44	6°♎15'51	0°56'11
asc. node	-150 Oct 05 j 18:29	2°♎56'50	
morning rise	-150 Oct 08 j 16:25	0°♎19'51	
	-150 Oct 09 j 05:42	30°℞♍	
direct	-150 Oct 12 j 01:19	29°♍14'07	
	-150 Oct 14 j 23:59	0°♎	
morning max el	-150 Oct 19 j 07:45	3°♎22'05	19°32'12
greatest brilliancy	-150 Oct 28 j 01:20	14°♎29'01	-0.7m
	-150 Nov 07 j 09:08	0°♏	
morning set	-150 Nov 12 j 18:57	8°♏21'17	
desc. node	-150 Nov 14 j 12:34	11°♏02'48	
max. Earth dist.	-150 Nov 25 j 18:59	28°♏42'14	1.44436 AU
	-150 Nov 26 j 14:36	0°♐	
superior conj	-150 Nov 29 j 14:43	4°♐47'35	-1°-28'-54
minimum elong	-150 Nov 29 j 06:33	4°♐14'53	1°28'07
evening rise	-150 Dec 13 j 17:35	27°♐57'16	
	-150 Dec 14 j 22:51	0°♑	
evening max el	-149 Jan 01 j 15:23	26°♑49'55	18°22'29
asc. node	-149 Jan 01 j 17:45	26°♑55'54	
	-149 Jan 06 j 02:13	0°♒	
retrograde	-149 Jan 08 j 03:45	0°♒22'58	
	-149 Jan 10 j 04:59	30°℞♑	
evening set	-149 Jan 11 j 01:54	29°♑36'38	
inferior conj	-149 Jan 17 j 02:48	24°♑07'36	3°43'34
minimum elong	-149 Jan 17 j 01:10	24°♑12'15	3°43'25
min. Earth dist.	-149 Jan 19 j 09:16	21°♑32'58	0.63981 AU
morning rise	-149 Jan 22 j 22:58	18°♑03'06	
direct	-149 Jan 29 j 21:06	15°♑14'29	
desc. node	-149 Feb 10 j 11:45	21°♑08'17	
morning max el	-149 Feb 12 j 12:28	23°♑03'57	27°32'17
	-149 Feb 18 j 16:54	0°♒	
	-149 Mar 10 j 15:32	0°♓	
morning set	-149 Mar 19 j 09:46	16°♓20'35	
max. Earth dist.	-149 Mar 24 j 11:25	26°♓39'41	1.33364 AU
	-149 Mar 26 j 01:31	0°♈	
superior conj	-149 Mar 27 j 07:47	2°♈40'45	0°-35'-4
minimum elong	-149 Mar 27 j 09:28	2°♈49'44	0°34'44
asc. node	-149 Mar 30 j 17:05	9°♈56'25	
evening rise	-149 Apr 03 j 12:54	18°♈05'34	
	-149 Apr 09 j 10:57	0°♉	
evening max el	-149 Apr 25 j 12:45	23°♉23'58	22°41'01
retrograde	-149 May 08 j 16:45	29°♉54'36	
desc. node	-149 May 09 j 10:59	29°♉53'19	
evening set	-149 May 11 j 21:31	29°♉32'11	
min. Earth dist.	-149 May 19 j 21:07	26°♉02'54	0.55394 AU
inferior conj	-149 May 21 j 04:05	25°♉18'42	-3°-7'-38
minimum elong	-149 May 20 j 20:54	25°♉28'58	3°05'39
morning rise	-149 May 29 j 22:51	21°♉25'17	
direct	-149 Jun 01 j 18:13	21°♉07'00	
morning max el	-149 Jun 12 j 23:19	26°♉19'44	20°52'56
	-149 Jun 16 j 10:14	0°♊	
asc. node	-149 Jun 26 j 16:20	15°♊55'40	
morning set	-149 Jul 02 j 07:35	27°♊03'02	
	-149 Jul 03 j 17:52	0°♋	
superior conj	-149 Jul 09 j 20:44	12°♋41'48	1°41'57
minimum elong	-149 Jul 09 j 19:05	12°♋33'21	1°41'50
max. Earth dist.	-149 Jul 14 j 08:22	21°♋43'29	1.35727 AU
evening rise	-149 Jul 18 j 13:34	29°♋49'48	
	-149 Jul 18 j 15:45	0°♌	
desc. node	-149 Aug 05 j 10:21	29°♌40'42	
	-149 Aug 05 j 15:35	0°♍	
evening max el	-149 Aug 23 j 02:54	21°♍50'46	26°24'15
retrograde	-149 Sep 04 j 21:12	29°♍02'12	
evening set	-149 Sep 11 j 08:02	26°♍22'09	
min. Earth dist.	-149 Sep 15 j 11:27	22°♍00'51	0.66243 AU
inferior conj	-149 Sep 17 j 00:34	20°♍07'37	-1°-52'-48
minimum elong	-149 Sep 17 j 03:26	19°♍58'53	1°51'41
morning rise	-149 Sep 22 j 23:51	14°♍17'57	
asc. node	-149 Sep 22 j 15:30	14°♍30'18	
direct	-149 Sep 25 j 23:24	13°♍27'29	
morning max el	-149 Oct 02 j 17:32	17°♍12'23	18°42'43

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-149 Oct 12 j 07:41	0°♎	
morning set	-149 Oct 23 j 14:07	17°♎45'18	
	-149 Oct 31 j 07:36	0°♏	
desc. node	-149 Nov 01 j 09:37	1°♏42'37	
superior conj	-149 Nov 08 j 17:26	13°♏14'15	0°-46'-48
minimum elong	-149 Nov 08 j 11:28	12°♏50'44	0°46'03
max. Earth dist.	-149 Nov 08 j 12:56	12°♏56'31	1.45008 AU
	-149 Nov 19 j 08:14	0°♐	
evening rise	-149 Nov 24 j 13:28	8°♐19'19	
	-149 Dec 08 j 06:39	0°♑	
evening max el	-149 Dec 16 j 02:06	10°♑14'55	18°54'32
asc. node	-149 Dec 19 j 14:46	13°♑07'49	
retrograde	-149 Dec 22 j 21:48	14°♑06'33	
evening set	-149 Dec 26 j 01:40	13°♑08'59	
inferior conj	-149 Dec 31 j 19:45	7°♑22'28	3°21'36
minimum elong	-149 Dec 31 j 17:11	7°♑30'25	3°21'06
min. Earth dist.	-148 Jan 02 j 10:55	5°♑21'08	0.65453 AU
morning rise	-148 Jan 06 j 07:44	1°♑11'52	
	-148 Jan 07 j 21:01	30°℞♐	
direct	-148 Jan 12 j 21:18	28°♐21'58	
	-148 Jan 18 j 10:11	0°♑	
morning max el	-148 Jan 25 j 22:14	5°♑59'58	26°45'37
desc. node	-148 Jan 28 j 08:47	8°♑34'12	
	-148 Feb 13 j 09:57	0°♒	
morning set	-148 Mar 01 j 18:58	29°♒45'39	
	-148 Mar 01 j 21:58	0°♓	
max. Earth dist.	-148 Mar 06 j 03:59	8°♓18'37	1.34515 AU
superior conj	-148 Mar 10 j 08:45	16°♓52'31	-1°-1'-32
minimum elong	-148 Mar 10 j 11:39	17°♓07'35	1°01'02
asc. node	-148 Mar 16 j 14:06	29°♓55'09	
	-148 Mar 16 j 15:02	0°♈	
evening rise	-148 Mar 17 j 22:24	2°♈43'23	
	-148 Apr 02 j 15:27	0°♉	
evening max el	-148 Apr 06 j 11:00	4°♉13'58	21°11'18
retrograde	-148 Apr 18 j 06:48	9°♉58'16	
evening set	-148 Apr 20 j 14:42	9°♉45'40	
desc. node	-148 Apr 25 j 08:00	8°♉12'27	
inferior conj	-148 Apr 29 j 22:36	5°♉46'38	-1°-18'-50
minimum elong	-148 Apr 29 j 18:53	5°♉51'52	1°17'32
min. Earth dist.	-148 Apr 30 j 09:58	5°♉30'36	0.54994 AU
morning rise	-148 May 08 j 22:55	1°♉44'37	
direct	-148 May 12 j 04:25	1°♉22'03	
morning max el	-148 May 24 j 23:05	7°♉27'30	22°25'29
	-148 Jun 09 j 18:09	0°♊	
asc. node	-148 Jun 12 j 13:23	5°♊25'15	
morning set	-148 Jun 15 j 17:50	11°♊55'43	
superior conj	-148 Jun 22 j 23:36	27°♊16'57	1°30'41
minimum elong	-148 Jun 22 j 21:15	27°♊04'30	1°30'25
	-148 Jun 24 j 06:34	0°♋	
max. Earth dist.	-148 Jun 26 j 01:55	3°♋45'34	1.34306 AU
evening rise	-148 Jun 30 j 22:07	13°♋29'50	
	-148 Jul 09 j 21:54	0°♌	
desc. node	-148 Jul 22 j 07:22	19°♌20'28	
	-148 Jul 30 j 14:41	0°♍	
evening max el	-148 Aug 04 j 14:39	5°♍18'18	27°08'07
retrograde	-148 Aug 17 j 22:08	12°♍37'24	
evening set	-148 Aug 24 j 20:25	9°♍52'18	
min. Earth dist.	-148 Aug 28 j 16:38	6°♍08'29	0.65071 AU
inferior conj	-148 Aug 30 j 18:33	3°♍48'09	-2°-47'-18
minimum elong	-148 Aug 30 j 22:39	3°♍36'38	2°45'55
	-148 Sep 03 j 11:20	30°℞♌	
morning rise	-148 Sep 06 j 02:29	28°♌12'41	
direct	-148 Sep 08 j 19:04	27°♌33'53	
asc. node	-148 Sep 08 j 12:33	27°♌34'17	
	-148 Sep 14 j 03:54	0°♍	
morning max el	-148 Sep 15 j 07:42	1°♍04'59	18°09'48
morning set	-148 Oct 03 j 13:56	28°♍33'45	
	-148 Oct 04 j 10:45	0°♎	
superior conj	-148 Oct 17 j 21:26	21°♎50'59	0°02'34
minimum elong	-148 Oct 17 j 21:46	21°♎52'17	0°02'30
behind sun begin	-148 Oct 17 j 11:00	21°♎09'25	
behind sun end	-148 Oct 18 j 08:32	22°♎35'06	
desc. node	-148 Oct 18 j 06:43	22°♎27'52	
max. Earth dist.	-148 Oct 21 j 07:41	27°♎16'45	1.44834 AU
	-148 Oct 23 j 01:09	0°♏	
evening rise	-148 Nov 03 j 10:42	17°♏47'00	
	-148 Nov 11 j 08:24	0°♐	
greatest brilliancy	-148 Nov 20 j 12:55	13°♐45'20	-0.6m
evening max el	-148 Nov 28 j 08:58	23°♐42'40	19°43'04
asc. node	-148 Dec 05 j 11:48	28°♐01'12	
retrograde	-148 Dec 05 j 18:54	28°♐01'42	
evening set	-148 Dec 09 j 06:10	26°♐51'13	
inferior conj	-148 Dec 14 j 19:38	20°♐50'17	2°48'53
minimum elong	-148 Dec 14 j 16:49	20°♐59'32	2°48'05
min. Earth dist.	-148 Dec 15 j 20:51	19°♐27'13	0.66536 AU
morning rise	-148 Dec 20 j 02:48	14°♐36'00	
direct	-148 Dec 26 j 03:29	11°♐56'27	
morning max el	-147 Jan 07 j 07:26	19°♐09'56	25°35'17
desc. node	-147 Jan 14 j 05:51	27°♐03'30	
	-147 Jan 16 j 13:04	0°♑	
	-147 Feb 05 j 11:46	0°♒	
morning set	-147 Feb 12 j 12:54	12°♒21'05	
max. Earth dist.	-147 Feb 16 j 08:42	19°♒27'48	1.36116 AU
	-147 Feb 21 j 18:29	0°♓	
superior conj	-147 Feb 22 j 01:31	0°♓35'07	-1°-26'-3
minimum elong	-147 Feb 22 j 05:15	0°♓53'46	1°25'33
evening rise	-147 Mar 02 j 03:52	17°♓03'11	
asc. node	-147 Mar 03 j 11:09	19°♓41'06	
	-147 Mar 08 j 19:52	0°♈	
evening max el	-147 Mar 19 j 20:15	15°♈38'57	19°56'26
retrograde	-147 Mar 29 j 23:01	20°♈30'05	
evening set	-147 Apr 01 j 01:39	20°♈18'21	
inferior conj	-147 Apr 09 j 21:26	16°♈17'56	0°39'21
minimum elong	-147 Apr 09 j 23:09	16°♈15'19	0°38'46
min. Earth dist.	-147 Apr 12 j 00:09	15°♈00'41	0.55557 AU
desc. node	-147 Apr 12 j 05:00	14°♈53'26	
morning rise	-147 Apr 18 j 17:36	11°♈49'06	
direct	-147 Apr 22 j 19:34	11°♈12'21	
morning max el	-147 May 06 j 15:35	18°♈04'50	24°06'17
	-147 May 16 j 10:30	0°♉	
asc. node	-147 May 30 j 10:27	25°♉13'17	
morning set	-147 May 31 j 05:40	26°♉53'46	
	-147 Jun 01 j 16:48	0°♊	
superior conj	-147 Jun 07 j 07:28	12°♊07'03	1°14'36
minimum elong	-147 Jun 07 j 04:59	11°♊53'38	1°14'14
max. Earth dist.	-147 Jun 09 j 04:32	16°♊09'20	1.33274 AU
evening rise	-147 Jun 14 j 17:40	27°♊42'56	
	-147 Jun 15 j 21:02	0°♋	
	-147 Jul 03 j 03:51	0°♌	
desc. node	-147 Jul 09 j 04:22	8°♌22'32	
evening max el	-147 Jul 18 j 01:13	18°♌25'58	27°25'26
retrograde	-147 Jul 31 j 17:17	25°♌45'57	
evening set	-147 Aug 07 j 21:40	23°♌07'10	
min. Earth dist.	-147 Aug 11 j 12:39	19°♌57'00	0.63536 AU
inferior conj	-147 Aug 14 j 03:43	17°♌16'52	-3°-37'-14
minimum elong	-147 Aug 14 j 08:28	17°♌04'48	3°36'00
morning rise	-147 Aug 20 j 21:26	11°♌58'42	
direct	-147 Aug 23 j 09:35	11°♌28'10	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-147 Aug 26 j 09:39	12°♌12'36	
morning max el	-147 Aug 29 j 23:28	14°♌53'47	17°54'17
	-147 Sep 09 j 12:10	0°♍	
morning set	-147 Sep 15 j 15:18	10°♍35'33	
	-147 Sep 27 j 00:13	0°♎	
superior conj	-147 Sep 27 j 22:04	1°♎30'28	0°46'49
minimum elong	-147 Sep 28 j 02:34	1°♎49'00	0°46'14
max. Earth dist.	-147 Oct 04 j 00:10	11°♎24'27	1.43958 AU
desc. node	-147 Oct 05 j 03:43	13°♎14'31	
evening rise	-147 Oct 13 j 18:14	26°♎43'27	
	-147 Oct 15 j 21:22	0°♏	
	-147 Nov 05 j 10:02	0°♐	
greatest brilliancy	-147 Nov 05 j 16:47	0°♐22'09	-0.5m
evening max el	-147 Nov 11 j 10:32	7°♐10'57	20°45'51
retrograde	-147 Nov 19 j 16:34	12°♐03'53	
asc. node	-147 Nov 22 j 08:52	11°♐23'07	
evening set	-147 Nov 23 j 13:16	10°♐38'28	
inferior conj	-147 Nov 28 j 23:55	4°♐26'28	2°08'05
minimum elong	-147 Nov 28 j 21:25	4°♐35'01	2°07'11
min. Earth dist.	-147 Nov 29 j 12:46	3°♐42'33	0.67246 AU
	-147 Dec 02 j 10:18	30°℞♏	
morning rise	-147 Dec 04 j 05:06	28°♏10'47	
direct	-147 Dec 09 j 14:56	25°♏49'28	
	-147 Dec 18 j 02:19	0°♐	
morning max el	-147 Dec 20 j 15:48	2°♐24'37	24°11'11
desc. node	-146 Jan 01 j 02:55	16°♐17'01	
	-146 Jan 10 j 16:05	0°♑	
morning set	-146 Jan 25 j 09:37	23°♑49'39	
	-146 Jan 28 j 21:46	0°♒	
max. Earth dist.	-146 Jan 29 j 04:47	0°♒31'23	1.38087 AU
superior conj	-146 Feb 05 j 06:35	13°♒38'43	-1°-46'-20
minimum elong	-146 Feb 05 j 10:14	13°♒56'13	1°46'01
	-146 Feb 13 j 15:10	0°♓	
evening rise	-146 Feb 14 j 02:51	0°♓57'38	
asc. node	-146 Feb 18 j 08:12	9°♓08'29	
evening max el	-146 Mar 02 j 16:25	27°♓42'08	19°00'29
	-146 Mar 05 j 12:57	0°♈	
retrograde	-146 Mar 11 j 05:05	1°♈48'45	
evening set	-146 Mar 13 j 11:00	1°♈32'50	
	-146 Mar 17 j 07:47	30°℞♓	
inferior conj	-146 Mar 21 j 12:37	27°♓17'58	2°15'45
minimum elong	-146 Mar 21 j 16:56	27°♓10'22	2°14'32
min. Earth dist.	-146 Mar 24 j 16:01	25°♓06'37	0.56957 AU
morning rise	-146 Mar 29 j 18:41	22°♓16'24	
desc. node	-146 Mar 30 j 02:03	22°♓09'10	
direct	-146 Apr 03 j 23:48	21°♓11'57	
morning max el	-146 Apr 18 j 06:21	28°♓35'25	25°41'46
	-146 Apr 19 j 16:08	0°♈	
	-146 May 09 j 19:55	0°♉	
morning set	-146 May 15 j 17:26	11°♉51'38	
asc. node	-146 May 17 j 07:32	15°♉13'54	
superior conj	-146 May 22 j 18:12	27°♉04'49	0°54'43
minimum elong	-146 May 22 j 16:05	26°♉53'12	0°54'20
max. Earth dist.	-146 May 23 j 13:57	28°♉52'45	1.32626 AU
	-146 May 24 j 02:17	0°♊	
evening rise	-146 May 29 j 20:50	12°♊18'34	
	-146 Jun 08 j 01:07	0°♋	
desc. node	-146 Jun 26 j 01:22	26°♋31'18	
	-146 Jun 29 j 07:08	0°♌	
evening max el	-146 Jun 30 j 08:20	1°♌01'30	27°11'10
retrograde	-146 Jul 14 j 05:40	8°♌18'48	
evening set	-146 Jul 21 j 07:50	6°♌00'02	
min. Earth dist.	-146 Jul 24 j 22:30	3°♌14'06	0.61683 AU
inferior conj	-146 Jul 28 j 00:58	0°♌26'44	-4°-17'-55
minimum elong	-146 Jul 28 j 05:09	0°♌17'16	4°17'13
	-146 Jul 28 j 12:50	30°℞♋	
morning rise	-146 Aug 04 j 05:14	25°♋28'54	
direct	-146 Aug 06 j 15:36	25°♋03'50	
asc. node	-146 Aug 13 j 06:45	28°♋15'02	
morning max el	-146 Aug 13 j 13:56	28°♋32'14	17°57'14
	-146 Aug 14 j 23:06	0°♌	
morning set	-146 Aug 29 j 12:17	23°♌34'15	
	-146 Sep 02 j 01:03	0°♍	
superior conj	-146 Sep 09 j 02:12	12°♍31'30	1°19'06
minimum elong	-146 Sep 09 j 06:58	12°♍52'11	1°18'37
max. Earth dist.	-146 Sep 16 j 12:27	25°♍05'18	1.42499 AU
	-146 Sep 19 j 12:44	0°♎	
desc. node	-146 Sep 22 j 00:44	4°♎00'15	
evening rise	-146 Sep 23 j 05:44	5°♎54'58	
	-146 Oct 09 j 05:09	0°♏	
greatest brilliancy	-146 Oct 20 j 12:27	15°♏17'24	-0.4m
evening max el	-146 Oct 25 j 06:25	20°♏40'14	21°59'19
retrograde	-146 Nov 03 j 12:50	26°♏10'51	
evening set	-146 Nov 07 j 21:07	24°♏28'26	
asc. node	-146 Nov 09 j 05:56	23°♏13'17	
inferior conj	-146 Nov 13 j 06:32	18°♏08'53	1°21'11
minimum elong	-146 Nov 13 j 04:46	18°♏15'00	1°20'28
min. Earth dist.	-146 Nov 13 j 08:15	18°♏02'56	0.67612 AU
morning rise	-146 Nov 18 j 12:11	11°♏54'12	
direct	-146 Nov 23 j 06:44	9°♏54'59	
morning max el	-146 Dec 03 j 01:52	15°♏43'39	22°43'21
greatest brilliancy	-146 Dec 07 j 17:20	20°♏55'26	-0.3m
	-146 Dec 14 j 16:52	0°♐	
desc. node	-146 Dec 18 j 23:58	6°♐02'13	
	-145 Jan 03 j 16:59	0°♑	
morning set	-145 Jan 06 j 03:00	3°♑56'14	
max. Earth dist.	-145 Jan 11 j 00:29	12°♑08'19	1.40216 AU
superior conj	-145 Jan 18 j 19:26	25°♑51'54	-1°-59'-14
minimum elong	-145 Jan 18 j 21:26	26°♑00'58	1°59'11
	-145 Jan 21 j 01:37	0°♒	
evening rise	-145 Jan 28 j 16:23	14°♒19'37	
asc. node	-145 Feb 05 j 05:14	28°♒11'00	
	-145 Feb 06 j 06:59	0°♓	
evening max el	-145 Feb 13 j 21:01	10°♓17'20	18°24'34
retrograde	-145 Feb 21 j 06:12	13°♓55'45	
evening set	-145 Feb 23 j 16:58	13°♓32'52	
inferior conj	-145 Mar 03 j 00:48	8°♓57'15	3°17'06
minimum elong	-145 Mar 03 j 04:21	8°♓49'58	3°16'27
min. Earth dist.	-145 Mar 06 j 11:14	6°♓09'38	0.58885 AU
morning rise	-145 Mar 10 j 12:00	3°♓28'11	
direct	-145 Mar 16 j 17:05	1°♓47'05	
desc. node	-145 Mar 16 j 23:06	1°♓47'15	
morning max el	-145 Mar 31 j 00:55	9°♓27'12	26°56'41
	-145 Apr 15 j 17:42	0°♈	
morning set	-145 Apr 30 j 03:26	26°♈43'11	
	-145 May 01 j 16:45	0°♉	
asc. node	-145 May 04 j 04:33	5°♉21'50	
superior conj	-145 May 07 j 05:57	12°♉03'32	0°31'52
minimum elong	-145 May 07 j 04:35	11°♉56'01	0°31'36
max. Earth dist.	-145 May 07 j 02:37	11°♉45'14	1.32349 AU
evening rise	-145 May 14 j 04:58	27°♉07'25	
	-145 May 15 j 14:09	0°♊	
	-145 Jun 01 j 16:10	0°♋	
evening max el	-145 Jun 12 j 09:22	12°♋53'13	26°23'49
desc. node	-145 Jun 12 j 22:24	13°♋23'47	
retrograde	-145 Jun 26 j 09:40	20°♋07'03	
evening set	-145 Jul 02 j 22:09	18°♋20'54	
min. Earth dist.	-145 Jul 06 j 22:25	15°♋43'55	0.59643 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-145 Jul 10 j 06:35	13°♋07'08	-4°-41'-54	
minimum elong	-145 Jul 10 j 08:19	13°♋03'45	4°41'48	
morning rise	-145 Jul 17 j 21:49	8°♋32'04		
direct	-145 Jul 20 j 08:48	8°♋10'29		
morning max el	-145 Jul 28 j 00:01	11°♋51'22	18°19'48	
asc. node	-145 Jul 31 j 03:48	15°♋25'20		
	-145 Aug 09 j 03:10	0°♌		
morning set	-145 Aug 12 j 23:21	7°♌13'45		
superior conj	-145 Aug 22 j 06:52	24°♌45'16	1°38'29	
minimum elong	-145 Aug 22 j 09:49	24°♌58'47	1°38'17	
	-145 Aug 25 j 04:27	0°♍		
max. Earth dist.	-145 Aug 29 j 19:30	8°♍06'02	1.40634 AU	
evening rise	-145 Sep 03 j 12:24	16°♍00'16		
desc. node	-145 Sep 08 j 21:46	24°♍40'49		
	-145 Sep 12 j 07:58	0°♎		
	-145 Oct 04 j 01:09	0°♏		
evening max el	-145 Oct 07 j 21:23	4°♏11'02	23°18'44	
retrograde	-145 Oct 18 j 06:22	10°♏19'19		
evening set	-145 Oct 23 j 04:02	8°♏18'41		
asc. node	-145 Oct 27 j 02:59	3°♏52'59		
min. Earth dist.	-145 Oct 28 j 04:50	2°♏25'22	0.67647 AU	
inferior conj	-145 Oct 28 j 13:37	1°♏55'14	0°29'47	
minimum elong	-145 Oct 28 j 12:55	1°♏57'38	0°29'29	
	-145 Oct 29 j 23:40	30°℞♎		
morning rise	-145 Nov 02 j 21:52	25°♎43'59		
direct	-145 Nov 07 j 01:56	24°♎07'25		
morning max el	-145 Nov 15 j 17:17	29°♎10'49	21°20'14	
	-145 Nov 16 j 12:17	0°♏		
greatest brilliancy	-145 Nov 20 j 22:25	5°♏10'18	-0.4m	
desc. node	-145 Dec 05 j 21:01	26°♏09'58		
	-145 Dec 08 j 10:14	0°♐		
morning set	-145 Dec 16 j 15:53	12°♐42'45		
max. Earth dist.	-145 Dec 24 j 02:29	24°♐40'45	1.42204 AU	
	-145 Dec 27 j 07:27	0°♑		
superior conj	-145 Dec 31 j 10:40	7°♑01'20	-2°00'-34	
minimum elong	-145 Dec 31 j 08:53	6°♑53'38	2°00'33	
evening rise	-144 Jan 11 j 16:50	27°♑01'10		
	-144 Jan 13 j 08:17	0°♒		
asc. node	-144 Jan 23 j 02:16	16°♒40'42		
evening max el	-144 Jan 28 j 06:58	23°♒15'54	18°08'37	
retrograde	-144 Feb 04 j 00:27	26°♒42'08		
evening set	-144 Feb 06 j 15:28	26°♒11'00		
inferior conj	-144 Feb 13 j 08:41	21°♒13'39	3°45'55	
minimum elong	-144 Feb 13 j 10:01	21°♒10'28	3°45'49	
min. Earth dist.	-144 Feb 16 j 12:58	18°♒13'50	0.60979 AU	
morning rise	-144 Feb 20 j 01:46	15°♒25'33		
direct	-144 Feb 26 j 21:23	13°♒09'06		
desc. node	-144 Mar 02 j 20:09	14°♒14'33		
morning max el	-144 Mar 12 j 01:58	20°♒58'21	27°39'24	
	-144 Mar 19 j 22:03	0°♓		
	-144 Apr 07 j 15:41	0°♈		
morning set	-144 Apr 13 j 09:51	11°♈22'21		
max. Earth dist.	-144 Apr 19 j 14:43	24°♈33'54	1.32436 AU	
asc. node	-144 Apr 20 j 01:34	25°♈33'02		
superior conj	-144 Apr 20 j 17:04	26°♈57'43	0°06'51	
minimum elong	-144 Apr 20 j 16:46	26°♈55'59	0°06'46	
behind sun begin	-144 Apr 20 j 12:09	26°♈30'49		
behind sun end	-144 Apr 20 j 21:22	27°♈21'10		
	-144 Apr 22 j 02:23	0°♉		
evening rise	-144 Apr 27 j 15:54	12°♉02'12		
	-144 May 06 j 19:48	0°♊		
evening max el	-144 May 24 j 03:27	24°♊00'16	25°08'09	
desc. node	-144 May 29 j 19:23	28°♊29'30		
	-144 Jun 01 j 17:34	0°♋		
retrograde	-144 Jun 07 j 03:42	1°♋08'15		
evening set	-144 Jun 12 j 13:28	0°♋00'48		
	-144 Jun 12 j 14:14	30°℞♊		
min. Earth dist.	-144 Jun 17 j 15:05	27°♊14'31	0.57648 AU	
inferior conj	-144 Jun 20 j 17:15	25°♊08'50	-4°-38'-4	
minimum elong	-144 Jun 20 j 14:36	25°♊13'23	4°37'52	
morning rise	-144 Jun 28 j 19:36	20°♊56'11		
direct	-144 Jul 01 j 08:41	20°♊37'00		
morning max el	-144 Jul 10 j 02:46	24°♊42'39	19°03'00	
	-144 Jul 14 j 16:03	0°♋		
asc. node	-144 Jul 17 j 00:50	3°♋29'07		
morning set	-144 Jul 26 j 20:24	21°♋23'12		
	-144 Jul 31 j 04:50	0°♌		
superior conj	-144 Aug 04 j 06:26	7°♌56'09	1°46'37	
minimum elong	-144 Aug 04 j 07:14	7°♌59'57	1°46'36	
max. Earth dist.	-144 Aug 10 j 22:39	20°♌23'28	1.38615 AU	
evening rise	-144 Aug 14 j 19:55	27°♌15'47		
	-144 Aug 16 j 10:09	0°♍		
desc. node	-144 Aug 25 j 18:46	15°♍12'12		
	-144 Sep 04 j 20:34	0°♎		
evening max el	-144 Sep 19 j 09:23	17°♎44'41	24°37'58	
retrograde	-144 Sep 30 j 20:10	24°♎25'47		
evening set	-144 Oct 06 j 08:21	22°♎07'17		
min. Earth dist.	-144 Oct 11 j 00:12	16°♎48'05	0.67358 AU	
inferior conj	-144 Oct 11 j 19:28	15°♎43'54	0°-24'-39	
minimum elong	-144 Oct 11 j 20:05	15°♎41'53	0°24'23	
asc. node	-144 Oct 13 j 00:02	14°♎09'51		
morning rise	-144 Oct 17 j 08:13	9°♎38'40		
direct	-144 Oct 20 j 23:26	8°♎22'45		
morning max el	-144 Oct 28 j 16:10	12°♎48'26	20°07'42	
greatest brilliancy	-144 Nov 04 j 16:06	21°♎18'49	-0.6m	
	-144 Nov 10 j 18:34	0°♏		
desc. node	-144 Nov 21 j 18:03	16°♏33'45		
morning set	-144 Nov 24 j 12:43	20°♏50'33		
	-144 Nov 30 j 09:45	0°♐		
max. Earth dist.	-144 Dec 05 j 11:50	8°♐03'50	1.43785 AU	
superior conj	-144 Dec 10 j 23:35	16°♐56'47	-1°-45'-48	
minimum elong	-144 Dec 10 j 17:01	16°♐29'53	1°45'21	
	-144 Dec 18 j 19:26	0°♑		
evening rise	-144 Dec 23 j 23:57	8°♑53'27		
	-143 Jan 05 j 16:15	0°♒		
asc. node	-143 Jan 08 j 23:18	4°♒27'00		
evening max el	-143 Jan 10 j 19:17	6°♒29'11	18°12'02	
retrograde	-143 Jan 17 j 07:10	9°♒56'39		
evening set	-143 Jan 20 j 02:25	9°♒16'20		
inferior conj	-143 Jan 26 j 08:24	3°♒58'24	3°49'50	
minimum elong	-143 Jan 26 j 07:40	4°♒00'24	3°49'48	
min. Earth dist.	-143 Jan 28 j 23:40	1°♒09'18	0.62962 AU	
	-143 Jan 30 j 03:17	30°℞♑		
morning rise	-143 Feb 01 j 10:59	27°♑58'19		
direct	-143 Feb 08 j 10:45	25°♑17'01		
desc. node	-143 Feb 17 j 17:11	29°♑05'19		
	-143 Feb 18 j 21:02	0°♒		
morning max el	-143 Feb 22 j 08:24	3°♒09'27	27°45'08	
	-143 Mar 14 j 08:11	0°♓		
morning set	-143 Mar 28 j 10:25	25°♓40'24		
	-143 Mar 30 j 13:25	0°♈		
max. Earth dist.	-143 Apr 02 j 22:02	7°♈02'50	1.32904 AU	
superior conj	-143 Apr 05 j 01:49	11°♈40'26	0°-19'-36	
minimum elong	-143 Apr 05 j 02:45	11°♈45'28	0°19'25	
asc. node	-143 Apr 06 j 22:35	15°♈42'37		
evening rise	-143 Apr 12 j 03:41	26°♈55'06		
	-143 Apr 13 j 15:01	0°♉		
	-143 May 01 j 11:52	0°♊		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-143 May 05 j 17:53	4°♊38'05	23°35'49
desc. node	-143 May 16 j 16:24	11°♊11'29	
retrograde	-143 May 19 j 09:52	11°♊28'27	
evening set	-143 May 23 j 08:46	10°♊53'59	
min. Earth dist.	-143 May 30 j 04:28	7°♊43'29	0.56020 AU
inferior conj	-143 Jun 01 j 07:48	6°♊26'28	-3°-53'-53
minimum elong	-143 Jun 01 j 01:07	6°♊36'33	3°52'30
morning rise	-143 Jun 09 j 21:01	2°♊29'39	
direct	-143 Jun 12 j 13:06	2°♊11'50	
morning max el	-143 Jun 22 j 19:38	6°♊56'53	20°07'09
asc. node	-143 Jul 03 j 21:51	22°♊13'45	
	-143 Jul 08 j 01:24	0°♋	
morning set	-143 Jul 11 j 00:22	5°♋54'24	
superior conj	-143 Jul 18 j 19:40	21°♋48'52	1°45'45
minimum elong	-143 Jul 18 j 18:43	21°♋44'07	1°45'43
	-143 Jul 22 j 23:15	0°♌	
max. Earth dist.	-143 Jul 24 j 03:09	2°♌13'58	1.36698 AU
evening rise	-143 Jul 28 j 02:15	9°♌37'40	
	-143 Aug 09 j 02:21	0°♍	
desc. node	-143 Aug 12 j 15:46	5°♍29'19	
	-143 Aug 31 j 12:25	0°♎	
evening max el	-143 Sep 01 j 20:47	1°♎21'13	25°49'40
retrograde	-143 Sep 14 j 05:29	8°♎25'23	
evening set	-143 Sep 20 j 08:15	5°♎51'49	
min. Earth dist.	-143 Sep 24 j 16:02	1°♎08'46	0.66740 AU
inferior conj	-143 Sep 25 j 22:20	29°♍32'38	-1°-20'-36
minimum elong	-143 Sep 26 j 00:23	29°♍26'10	1°19'45
	-143 Sep 25 j 13:44	30°℞♍	
asc. node	-143 Sep 29 j 21:04	25°♍01'49	
morning rise	-143 Oct 01 j 17:18	23°♍36'17	
direct	-143 Oct 04 j 21:50	22°♍37'40	
morning max el	-143 Oct 11 j 22:24	26°♍35'05	19°09'14
	-143 Oct 14 j 22:32	0°♎	
morning set	-143 Nov 03 j 18:03	29°♎31'12	
	-143 Nov 04 j 01:25	0°♏	
desc. node	-143 Nov 08 j 15:05	7°♏08'54	
max. Earth dist.	-143 Nov 18 j 03:00	22°♏03'04	1.44762 AU
superior conj	-143 Nov 20 j 11:33	25°♏46'30	-1°-12'-43
minimum elong	-143 Nov 20 j 03:30	25°♏14'36	1°11'50
	-143 Nov 23 j 03:25	0°♐	
evening rise	-143 Dec 05 j 09:32	19°♐49'30	
	-143 Dec 11 j 14:05	0°♑	
evening max el	-143 Dec 25 j 07:20	19°♑51'44	18°33'59
asc. node	-143 Dec 26 j 20:20	21°♑17'46	
retrograde	-143 Dec 31 j 22:02	23°♑31'34	
evening set	-142 Jan 03 j 22:21	22°♑40'49	
inferior conj	-142 Jan 09 j 20:06	17°♑04'16	3°35'48
minimum elong	-142 Jan 09 j 17:59	17°♑10'33	3°35'29
min. Earth dist.	-142 Jan 11 j 20:06	14°♑42'26	0.64656 AU
morning rise	-142 Jan 15 j 12:20	10°♑56'43	
direct	-142 Jan 22 j 07:35	8°♑05'31	
morning max el	-142 Feb 04 j 17:36	15°♑52'11	27°15'45
desc. node	-142 Feb 04 j 14:15	15°♑43'50	
	-142 Feb 16 j 09:52	0°♒	
	-142 Mar 07 j 01:53	0°♓	
morning set	-142 Mar 12 j 02:18	9°♓28'06	
max. Earth dist.	-142 Mar 16 j 20:40	19°♓00'35	1.33797 AU
superior conj	-142 Mar 20 j 06:17	26°♓05'39	0°-46'-25
minimum elong	-142 Mar 20 j 08:30	26°♓17'24	0°46'00
	-142 Mar 22 j 02:32	0°♈	
asc. node	-142 Mar 24 j 19:38	5°♈46'34	
evening rise	-142 Mar 27 j 14:34	11°♈40'07	
	-142 Apr 06 j 03:00	0°♉	
evening max el	-142 Apr 17 j 11:36	15°♉16'16	22°01'29
retrograde	-142 Apr 30 j 03:53	21°♉28'44	
evening set	-142 May 02 j 21:28	21°♉12'10	
desc. node	-142 May 03 j 13:26	21°♉03'21	
min. Earth dist.	-142 May 11 j 17:19	17°♉25'29	0.55108 AU
inferior conj	-142 May 12 j 06:35	17°♉06'50	-2°-24'-51
minimum elong	-142 May 12 j 00:17	17°♉15'42	2°22'51
morning rise	-142 May 21 j 04:31	13°♉11'45	
direct	-142 May 24 j 03:06	12°♉52'25	
morning max el	-142 Jun 05 j 01:18	18°♉28'10	21°30'37
	-142 Jun 14 j 05:50	0°♊	
asc. node	-142 Jun 20 j 18:54	11°♊29'17	
morning set	-142 Jun 25 j 08:52	20°♊40'46	
	-142 Jun 29 j 19:37	0°♋	
superior conj	-142 Jul 02 j 18:27	6°♋11'08	1°37'49
minimum elong	-142 Jul 02 j 16:25	6°♋00'35	1°37'39
max. Earth dist.	-142 Jul 06 j 15:11	14°♋06'09	1.35073 AU
evening rise	-142 Jul 11 j 02:39	22°♋53'11	
	-142 Jul 14 j 22:21	0°♌	
desc. node	-142 Jul 30 j 12:47	25°♌25'06	
	-142 Aug 02 j 18:49	0°♍	
evening max el	-142 Aug 15 j 08:44	14°♍55'21	26°45'56
retrograde	-142 Aug 28 j 09:35	22°♍11'14	
evening set	-142 Sep 04 j 01:34	19°♍28'12	
min. Earth dist.	-142 Sep 08 j 01:52	15°♍22'42	0.65780 AU
inferior conj	-142 Sep 09 j 20:14	13°♍17'29	-2°-16'-17
minimum elong	-142 Sep 09 j 23:39	13°♍07'21	2°15'01
morning rise	-142 Sep 15 j 22:59	7°♍33'10	
asc. node	-142 Sep 16 j 18:08	7°♍11'30	
direct	-142 Sep 18 j 19:14	6°♍48'05	
morning max el	-142 Sep 25 j 10:17	10°♍26'24	18°26'38
	-142 Oct 09 j 03:58	0°♎	
morning set	-142 Oct 15 j 01:16	9°♎30'52	
desc. node	-142 Oct 26 j 12:07	27°♎51'01	
	-142 Oct 27 j 20:44	0°♏	
superior conj	-142 Oct 30 j 11:58	4°♏09'25	0°-25'-59
minimum elong	-142 Oct 30 j 08:33	3°♏55'56	0°25'33
max. Earth dist.	-142 Oct 31 j 21:30	6°♏21'19	1.45024 AU
evening rise	-142 Nov 15 j 19:14	29°♏46'27	
	-142 Nov 15 j 22:40	0°♐	
greatest brilliancy	-142 Nov 28 j 13:47	19°♐44'30	-0.7m
	-142 Dec 05 j 19:48	0°♑	
evening max el	-142 Dec 08 j 16:45	3°♑18'36	19°13'19
asc. node	-142 Dec 13 j 17:23	6°♑58'09	
retrograde	-142 Dec 15 j 17:37	7°♑20'30	
evening set	-142 Dec 19 j 00:27	6°♑17'41	
inferior conj	-142 Dec 24 j 16:21	0°♑24'54	3°08'51
minimum elong	-142 Dec 24 j 13:36	0°♑33'39	3°08'12
	-142 Dec 25 j 00:09	30°℞♐	
min. Earth dist.	-142 Dec 26 j 01:27	28°♐39'27	0.65968 AU
morning rise	-142 Dec 30 j 01:55	24°♐12'40	
direct	-141 Jan 05 j 10:34	21°♐25'44	
morning max el	-141 Jan 18 j 03:05	28°♐54'35	26°17'56
	-141 Jan 19 j 04:32	0°♑	
desc. node	-141 Jan 22 j 11:19	3°♑39'09	
	-141 Feb 10 j 05:24	0°♒	
morning set	-141 Feb 23 j 05:40	22°♒33'54	
	-141 Feb 27 j 02:58	0°♓	
max. Earth dist.	-141 Feb 27 j 07:57	0°♓24'22	1.35146 AU
superior conj	-141 Mar 04 j 04:11	10°♓06'31	-1°-12'-17
minimum elong	-141 Mar 04 j 07:30	10°♓23'31	1°11'45
evening rise	-141 Mar 11 j 22:38	26°♓11'19	
asc. node	-141 Mar 11 j 16:42	25°♓40'43	
	-141 Mar 13 j 19:31	0°♈	
evening max el	-141 Mar 30 j 14:30	26°♈20'47	20°37'19

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-141 Apr 04 j 10:31	0°♉	
retrograde	-141 Apr 10 j 16:51	1°♉41'36	
evening set	-141 Apr 12 j 21:07	1°♉30'05	
	-141 Apr 17 j 11:04	30°℞♈	
desc. node	-141 Apr 20 j 10:28	28°♈27'54	
inferior conj	-141 Apr 22 j 01:11	27°♈32'45	0°-27'-45
minimum elong	-141 Apr 21 j 23:53	27°♈34'38	0°27'17
min. Earth dist.	-141 Apr 23 j 06:38	26°♈50'23	0.55123 AU
morning rise	-141 May 01 j 01:07	23°♈21'13	
direct	-141 May 04 j 14:25	22°♈53'54	
morning max el	-141 May 17 j 21:16	29°♈20'36	23°08'01
	-141 May 18 j 13:39	0°♉	
	-141 Jun 07 j 02:33	0°♊	
asc. node	-141 Jun 07 j 15:58	1°♊07'53	
morning set	-141 Jun 09 j 20:04	5°♊37'01	
superior conj	-141 Jun 16 j 23:46	20°♊53'55	1°24'22
minimum elong	-141 Jun 16 j 21:17	20°♊40'42	1°24'04
max. Earth dist.	-141 Jun 19 j 13:06	26°♊19'00	1.33823 AU
	-141 Jun 21 j 07:32	0°♋	
evening rise	-141 Jun 24 j 16:25	6°♋49'26	
	-141 Jul 07 j 12:08	0°♌	
desc. node	-141 Jul 17 j 09:48	14°♌50'40	
evening max el	-141 Jul 28 j 20:30	28°♌17'06	27°19'10
	-141 Jul 30 j 17:40	0°♍	
retrograde	-141 Aug 11 j 07:54	5°♍36'18	
evening set	-141 Aug 18 j 09:38	2°♍52'38	
	-141 Aug 21 j 13:27	30°℞♌	
min. Earth dist.	-141 Aug 22 j 03:25	29°♌23'43	0.64464 AU
inferior conj	-141 Aug 24 j 10:50	26°♌54'11	-3°-9'-15
minimum elong	-141 Aug 24 j 15:19	26°♌42'05	3°07'53
morning rise	-141 Aug 30 j 22:46	21°♌25'26	
direct	-141 Sep 02 j 13:16	20°♌50'22	
asc. node	-141 Sep 03 j 15:11	20°♌56'28	
morning max el	-141 Sep 09 j 01:26	24°♌17'57	18°01'00
	-141 Sep 13 j 16:23	0°♍	
morning set	-141 Sep 26 j 12:39	20°♍52'54	
	-141 Oct 01 j 22:49	0°♎	
superior conj	-141 Oct 09 j 22:56	13°♎07'30	0°22'31
minimum elong	-141 Oct 10 j 01:31	13°♎17'56	0°22'10
desc. node	-141 Oct 13 j 09:09	18°♎37'01	
max. Earth dist.	-141 Oct 14 j 16:05	20°♎39'53	1.44549 AU
	-141 Oct 20 j 14:33	0°♏	
evening rise	-141 Oct 26 j 08:57	8°♏56'36	
	-141 Nov 09 j 05:45	0°♐	
greatest brilliancy	-141 Nov 15 j 02:48	8°♐25'43	-0.6m
evening max el	-141 Nov 21 j 21:33	16°♐46'43	20°08'12
retrograde	-141 Nov 29 j 15:10	21°♐19'04	
asc. node	-141 Nov 30 j 14:27	21°♐13'43	
evening set	-141 Dec 03 j 06:19	20°♐02'16	
inferior conj	-141 Dec 08 j 18:22	13°♐56'12	2°32'25
minimum elong	-141 Dec 08 j 15:38	14°♐05'23	2°31'33
min. Earth dist.	-141 Dec 09 j 14:05	12°♐50'07	0.66887 AU
morning rise	-141 Dec 14 j 00:24	7°♐41'19	
direct	-141 Dec 19 j 18:56	5°♐08'59	
morning max el	-141 Dec 31 j 11:44	12°♐06'48	25°00'38
desc. node	-140 Jan 09 j 08:23	22°♐28'50	
	-140 Jan 14 j 21:15	0°♑	
	-140 Feb 02 j 23:03	0°♒	
morning set	-140 Feb 05 j 15:21	4°♒42'46	
max. Earth dist.	-140 Feb 09 j 08:36	11°♒28'27	1.36923 AU
superior conj	-140 Feb 15 j 16:29	23°♒33'56	-1°-35'-20
minimum elong	-140 Feb 15 j 20:20	23°♒52'51	1°34'53
	-140 Feb 18 j 22:14	0°♓	
evening rise	-140 Feb 24 j 01:43	10°♓21'35	
asc. node	-140 Feb 26 j 13:45	15°♓19'42	
	-140 Mar 05 j 19:19	0°♈	
evening max el	-140 Mar 12 j 04:33	8°♈02'07	19°30'09
retrograde	-140 Mar 21 j 14:02	12°♈32'50	
evening set	-140 Mar 23 j 17:38	12°♈19'42	
inferior conj	-140 Apr 01 j 05:53	8°♈13'53	1°24'12
minimum elong	-140 Apr 01 j 09:12	8°♈08'33	1°23'07
min. Earth dist.	-140 Apr 03 j 21:05	6°♈32'30	0.56067 AU
desc. node	-140 Apr 06 j 07:31	5°♈06'37	
morning rise	-140 Apr 09 j 21:07	3°♈31'25	
direct	-140 Apr 14 j 10:15	2°♈44'44	
morning max el	-140 Apr 28 j 12:16	9°♈51'37	24°48'32
	-140 May 13 j 13:57	0°♉	
morning set	-140 May 24 j 08:06	20°♉36'04	
asc. node	-140 May 24 j 13:02	21°♉02'02	
	-140 May 28 j 17:09	0°♊	
superior conj	-140 May 31 j 09:06	5°♊48'10	1°06'35
minimum elong	-140 May 31 j 06:43	5°♊35'12	1°06'11
max. Earth dist.	-140 Jun 01 j 19:12	8°♊53'06	1.32955 AU
evening rise	-140 Jun 07 j 15:35	21°♊13'15	
	-140 Jun 12 j 02:05	0°♋	
	-140 Jun 30 j 12:48	0°♌	
desc. node	-140 Jul 03 j 06:49	3°♌32'21	
evening max el	-140 Jul 10 j 05:51	11°♌12'16	27°23'18
retrograde	-140 Jul 24 j 00:03	18°♌30'52	
evening set	-140 Jul 31 j 04:57	15°♌58'39	
min. Earth dist.	-140 Aug 03 j 18:54	13°♌00'37	0.62789 AU
inferior conj	-140 Aug 06 j 15:18	10°♌15'34	-3°-55'-59
minimum elong	-140 Aug 06 j 20:00	10°♌04'11	3°54'55
morning rise	-140 Aug 13 j 13:28	5°♌05'51	
direct	-140 Aug 16 j 00:39	4°♌37'51	
asc. node	-140 Aug 20 j 12:15	6°♌12'08	
morning max el	-140 Aug 22 j 17:01	8°♌03'10	17°53'15
	-140 Sep 06 j 01:51	0°♍	
morning set	-140 Sep 07 j 23:03	3°♍20'42	
superior conj	-140 Sep 19 j 11:09	23°♍21'25	1°02'08
minimum elong	-140 Sep 19 j 16:09	23°♍42'29	1°01'32
	-140 Sep 23 j 10:54	0°♎	
max. Earth dist.	-140 Sep 26 j 07:19	4°♎39'07	1.43400 AU
desc. node	-140 Sep 29 j 06:11	9°♎23'35	
evening rise	-140 Oct 04 j 15:50	17°♎53'16	
	-140 Oct 12 j 14:12	0°♏	
greatest brilliancy	-140 Oct 29 j 16:00	24°♏13'19	-0.4m
	-140 Nov 03 j 14:48	0°♐	
evening max el	-140 Nov 03 j 20:35	0°♐14'55	21°16'00
retrograde	-140 Nov 12 j 12:31	5°♐23'51	
asc. node	-140 Nov 16 j 11:30	3°♐55'52	
evening set	-140 Nov 16 j 13:57	3°♐51'13	
	-140 Nov 20 j 04:58	30°℞♏	
inferior conj	-140 Nov 21 j 23:52	27°♏35'19	1°48'50
minimum elong	-140 Nov 21 j 21:37	27°♏43'01	1°47'59
min. Earth dist.	-140 Nov 22 j 07:46	27°♏08'04	0.67437 AU
morning rise	-140 Nov 27 j 04:58	21°♏19'49	
direct	-140 Dec 02 j 08:08	19°♏07'56	
morning max el	-140 Dec 12 j 20:38	25°♏23'57	23°33'52
	-140 Dec 17 j 00:49	0°♐	
desc. node	-140 Dec 26 j 05:26	11°♐57'09	
	-139 Jan 07 j 10:06	0°♑	
morning set	-139 Jan 17 j 01:11	15°♑38'32	
max. Earth dist.	-139 Jan 21 j 03:55	22°♑44'04	1.38984 AU
	-139 Jan 25 j 05:27	0°♒	
superior conj	-139 Jan 28 j 15:17	6°♒17'48	-1°-52'-56
minimum elong	-139 Jan 28 j 18:28	6°♒32'47	1°52'44
evening rise	-139 Feb 06 j 21:08	24°♒03'49	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-139 Feb 09 j 23:11	0°♓	
asc. node	-139 Feb 12 j 10:49	4°♓37'55	
evening max el	-139 Feb 23 j 04:36	20°♓19'58	18°42'43
retrograde	-139 Mar 03 j 04:22	24°♓13'01	
evening set	-139 Mar 05 j 12:11	23°♓54'30	
inferior conj	-139 Mar 13 j 05:58	19°♓31'06	2°46'05
minimum elong	-139 Mar 13 j 10:16	19°♓23'01	2°45'02
min. Earth dist.	-139 Mar 16 j 14:13	17°♓01'34	0.57729 AU
morning rise	-139 Mar 21 j 04:11	14°♓16'26	
desc. node	-139 Mar 24 j 04:34	13°♓14'40	
direct	-139 Mar 26 j 20:03	12°♓57'11	
morning max el	-139 Apr 10 j 04:26	20°♓29'34	26°16'57
	-139 Apr 18 j 08:41	0°♈	
	-139 May 06 j 02:50	0°♉	
morning set	-139 May 08 j 19:20	5°♉32'19	
asc. node	-139 May 11 j 10:05	11°♉06'33	
superior conj	-139 May 15 j 20:29	20°♉47'16	0°45'22
minimum elong	-139 May 15 j 18:38	20°♉37'08	0°45'00
max. Earth dist.	-139 May 16 j 06:23	21°♉41'37	1.32464 AU
	-139 May 20 j 02:01	0°♊	
evening rise	-139 May 22 j 21:08	5°♊55'21	
	-139 Jun 04 j 16:51	0°♋	
desc. node	-139 Jun 20 j 03:50	21°♋11'51	
evening max el	-139 Jun 22 j 10:20	23°♋29'00	26°54'46
	-139 Jul 02 j 03:09	0°♌	
retrograde	-139 Jul 06 j 09:15	0°♌45'38	
	-139 Jul 10 j 12:34	30°℞♋	
evening set	-139 Jul 13 j 07:13	28°♋39'03	
min. Earth dist.	-139 Jul 17 j 00:12	25°♋59'16	0.60829 AU
inferior conj	-139 Jul 20 j 06:17	23°♋13'36	-4°-30'-44
minimum elong	-139 Jul 20 j 09:41	23°♋06'20	4°30'19
morning rise	-139 Jul 27 j 15:16	18°♋25'39	
direct	-139 Jul 30 j 01:32	18°♋02'22	
morning max el	-139 Aug 06 j 06:01	21°♋34'40	18°04'23
asc. node	-139 Aug 07 j 09:18	22°♋45'10	
	-139 Aug 12 j 17:06	0°♌	
morning set	-139 Aug 22 j 02:33	16°♌37'45	
	-139 Aug 29 j 08:32	0°♍	
superior conj	-139 Sep 01 j 02:20	4°♍55'10	1°28'51
minimum elong	-139 Sep 01 j 06:27	5°♍13'28	1°28'28
max. Earth dist.	-139 Sep 08 j 16:54	18°♍02'09	1.41735 AU
evening rise	-139 Sep 14 j 09:58	27°♍23'14	
desc. node	-139 Sep 16 j 03:10	0°♎07'22	
	-139 Sep 16 j 01:19	0°♎	
	-139 Oct 06 j 08:02	0°♏	
greatest brilliancy	-139 Oct 12 j 18:40	8°♏20'23	-0.3m
evening max el	-139 Oct 17 j 13:59	13°♏43'47	22°32'45
retrograde	-139 Oct 27 j 07:53	19°♏31'29	
evening set	-139 Oct 31 j 21:34	17°♏41'28	
asc. node	-139 Nov 03 j 08:33	15°♏11'38	
inferior conj	-139 Nov 06 j 06:52	11°♏19'33	0°59'50
minimum elong	-139 Nov 06 j 05:31	11°♏24'13	0°59'16
min. Earth dist.	-139 Nov 06 j 04:04	11°♏29'13	0.67657 AU
morning rise	-139 Nov 11 j 13:21	5°♏05'48	
direct	-139 Nov 16 j 01:30	3°♏16'24	
morning max el	-139 Nov 25 j 08:35	8°♏45'57	22°07'01
greatest brilliancy	-139 Nov 30 j 01:22	14°♏03'40	-0.4m
	-139 Dec 11 j 19:30	0°♐	
desc. node	-139 Dec 13 j 02:26	1°♐52'33	
morning set	-139 Dec 28 j 05:56	25°♐08'53	
	-139 Dec 31 j 05:29	0°♑	
max. Earth dist.	-138 Jan 03 j 01:12	4°♑41'04	1.41088 AU
superior conj	-138 Jan 10 j 19:31	18°♑04'52	-2°-1'-29
minimum elong	-138 Jan 10 j 20:10	18°♑07'45	2°01'31
	-138 Jan 17 j 09:10	0°♒	
evening rise	-138 Jan 21 j 05:31	7°♒09'09	
asc. node	-138 Jan 30 j 07:51	23°♒27'33	
	-138 Feb 03 j 18:17	0°♓	
evening max el	-138 Feb 06 j 11:50	3°♓06'03	18°15'26
retrograde	-138 Feb 13 j 13:05	6°♓37'26	
evening set	-138 Feb 16 j 01:38	6°♓11'18	
inferior conj	-138 Feb 23 j 02:52	1°♓26'46	3°32'48
minimum elong	-138 Feb 23 j 05:32	1°♓20'55	3°32'27
	-138 Feb 24 j 18:19	30°℞♒	
min. Earth dist.	-138 Feb 26 j 12:05	28°♒30'34	0.59772 AU
morning rise	-138 Mar 02 j 06:01	25°♒48'26	
direct	-138 Mar 08 j 18:41	23°♒51'08	
desc. node	-138 Mar 11 j 01:36	24°♒05'02	
	-138 Mar 21 j 08:23	0°♓	
morning max el	-138 Mar 23 j 01:37	1°♓36'44	27°19'08
	-138 Apr 12 j 13:19	0°♈	
morning set	-138 Apr 23 j 04:02	20°♈19'22	
	-138 Apr 27 j 17:03	0°♉	
asc. node	-138 Apr 28 j 07:07	1°♉16'34	
superior conj	-138 Apr 30 j 08:10	5°♉44'59	0°21'30
minimum elong	-138 Apr 30 j 07:13	5°♉39'45	0°21'17
max. Earth dist.	-138 Apr 29 j 19:04	4°♉33'05	1.32337 AU
evening rise	-138 May 07 j 06:41	20°♉47'33	
	-138 May 11 j 18:59	0°♊	
	-138 May 30 j 16:02	0°♋	
evening max el	-138 Jun 04 j 08:20	5°♋01'26	25°54'36
desc. node	-138 Jun 07 j 00:50	7°♋23'31	
retrograde	-138 Jun 18 j 09:41	12°♋13'58	
evening set	-138 Jun 24 j 12:00	10°♋44'20	
min. Earth dist.	-138 Jun 28 j 20:57	8°♋05'13	0.58767 AU
inferior conj	-138 Jul 02 j 04:14	5°♋39'10	-4°-44'-29
minimum elong	-138 Jul 02 j 04:16	5°♋39'07	4°44'29
morning rise	-138 Jul 10 j 00:11	1°♋13'51	
direct	-138 Jul 12 j 11:43	0°♋53'31	
morning max el	-138 Jul 20 j 13:24	4°♋43'45	18°35'34
asc. node	-138 Jul 25 j 06:20	10°♋20'17	
	-138 Aug 05 j 11:47	0°♌	
morning set	-138 Aug 05 j 18:20	0°♌31'39	
superior conj	-138 Aug 14 j 15:46	17°♌35'39	1°43'10
minimum elong	-138 Aug 14 j 17:47	17°♌45'05	1°43'04
	-138 Aug 21 j 11:46	0°♍	
max. Earth dist.	-138 Aug 21 j 21:30	0°♍42'43	1.39778 AU
evening rise	-138 Aug 26 j 03:12	7°♍58'58	
desc. node	-138 Sep 03 j 00:11	20°♍45'04	
	-138 Sep 09 j 01:55	0°♎	
evening max el	-138 Sep 30 j 03:29	27°♎16'25	23°52'56
	-138 Oct 03 j 03:02	0°♏	
retrograde	-138 Oct 10 j 23:56	3°♏39'41	
evening set	-138 Oct 16 j 03:34	1°♏31'36	
	-138 Oct 17 j 17:26	30°℞♎	
min. Earth dist.	-138 Oct 21 j 00:32	25°♎52'18	0.67562 AU
asc. node	-138 Oct 21 j 05:33	25°♎35'13	
inferior conj	-138 Oct 21 j 13:39	25°♎07'43	0°06'59
minimum elong	-138 Oct 21 j 13:29	25°♎08'17	0°06'55
transit middle	-138 Oct 21 j 13:29	25°♎08'17	0°06'55
transit begin	-138 Oct 21 j 11:01	25°♎16'39	
transit end	-138 Oct 21 j 15:56	24°♎59'55	
morning rise	-138 Oct 26 j 23:33	18°♎58'24	
direct	-138 Oct 30 j 21:58	17°♎30'47	
morning max el	-138 Nov 08 j 02:53	22°♎17'08	20°47'44
greatest brilliancy	-138 Nov 13 j 23:26	29°♎09'38	-0.5m
	-138 Nov 14 j 14:51	0°♏	
desc. node	-138 Nov 29 j 23:29	22°♏07'55	
	-138 Dec 05 j 03:02	0°♐	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-138 Dec 07 j 09:18	3°♐30'23	
max. Earth dist.	-138 Dec 16 j 05:56	17°♐34'41	1.42944 AU
superior conj	-138 Dec 22 j 23:55	28°♐43'30	-1°-56'-31
minimum elong	-138 Dec 22 j 20:02	28°♐27'11	1°56'21
	-138 Dec 23 j 18:04	0°♑	
evening rise	-137 Jan 03 j 23:03	19°♑30'03	
	-137 Jan 09 j 21:43	0°♒	
asc. node	-137 Jan 17 j 04:52	11°♒39'59	
evening max el	-137 Jan 20 j 23:10	16°♒11'47	18°07'48
retrograde	-137 Jan 27 j 12:58	19°♒36'38	
evening set	-137 Jan 30 j 05:52	19°♒01'37	
inferior conj	-137 Feb 05 j 17:54	13°♒55'29	3°50'07
minimum elong	-137 Feb 05 j 18:18	13°♒54'30	3°50'07
min. Earth dist.	-137 Feb 08 j 17:16	10°♒57'43	0.61855 AU
morning rise	-137 Feb 12 j 04:21	8°♒01'54	
direct	-137 Feb 19 j 03:10	5°♒33'00	
desc. node	-137 Feb 25 j 22:39	7°♒37'11	
morning max el	-137 Mar 05 j 04:53	13°♒24'00	27°46'20
	-137 Mar 18 j 12:17	0°♓	
	-137 Apr 04 j 22:24	0°♈	
morning set	-137 Apr 07 j 08:14	4°♈50'13	
max. Earth dist.	-137 Apr 13 j 05:31	17°♈14'31	1.32585 AU
superior conj	-137 Apr 14 j 18:29	20°♈35'02	0°-4'-16
minimum elong	-137 Apr 14 j 18:41	20°♈36'07	0°04'14
behind sun begin	-137 Apr 14 j 13:44	20°♈09'09	
behind sun end	-137 Apr 14 j 23:39	21°♈03'07	
asc. node	-137 Apr 15 j 04:09	21°♈27'39	
	-137 Apr 19 j 02:15	0°♉	
evening rise	-137 Apr 21 j 18:12	5°♉42'27	
	-137 May 04 j 16:24	0°♊	
evening max el	-137 May 17 j 00:29	15°♊54'14	24°30'12
desc. node	-137 May 24 j 21:52	21°♊33'05	
retrograde	-137 May 30 j 22:37	22°♊56'02	
evening set	-137 Jun 04 j 17:50	22°♊04'19	
min. Earth dist.	-137 Jun 10 j 11:53	19°♊09'16	0.56890 AU
inferior conj	-137 Jun 13 j 06:19	17°♊22'53	-4°-24'-54
minimum elong	-137 Jun 13 j 01:40	17°♊30'23	4°24'18
morning rise	-137 Jun 21 j 13:18	13°♊17'48	
direct	-137 Jun 24 j 03:37	12°♊59'15	
morning max el	-137 Jul 03 j 12:08	17°♊20'09	19°27'41
asc. node	-137 Jul 12 j 03:22	28°♊43'01	
	-137 Jul 12 j 21:39	0°♋	
morning set	-137 Jul 20 j 18:42	14°♋51'44	
	-137 Jul 28 j 08:18	0°♌	
superior conj	-137 Jul 28 j 21:44	1°♌06'01	1°47'13
minimum elong	-137 Jul 28 j 21:43	1°♌05'56	1°47'13
max. Earth dist.	-137 Aug 04 j 00:51	12°♌47'30	1.37780 AU
evening rise	-137 Aug 07 j 21:00	19°♌44'25	
	-137 Aug 13 j 20:43	0°♍	
desc. node	-137 Aug 20 j 21:13	11°♍11'24	
	-137 Sep 03 j 04:23	0°♎	
evening max el	-137 Sep 12 j 15:14	10°♎52'33	25°09'50
retrograde	-137 Sep 24 j 11:45	17°♎43'55	
evening set	-137 Sep 30 j 06:13	15°♎18'43	
min. Earth dist.	-137 Oct 04 j 18:40	10°♎14'40	0.67144 AU
inferior conj	-137 Oct 05 j 18:28	8°♎56'52	0°-48'-15
minimum elong	-137 Oct 05 j 19:40	8°♎52'56	0°47'45
asc. node	-137 Oct 08 j 02:35	6°♎00'29	
morning rise	-137 Oct 11 j 09:39	2°♎55'01	
direct	-137 Oct 14 j 20:09	1°♎46'43	
morning max el	-137 Oct 22 j 04:58	5°♎58'45	19°40'55
greatest brilliancy	-137 Oct 30 j 09:19	16°♎15'16	-0.6m
	-137 Nov 08 j 15:36	0°♏	
morning set	-137 Nov 16 j 06:44	11°♏43'51	
desc. node	-137 Nov 16 j 20:32	12°♏37'16	
	-137 Nov 27 j 23:05	0°♐	
max. Earth dist.	-137 Nov 28 j 18:34	1°♐17'18	1.44291 AU
superior conj	-137 Dec 03 j 01:29	8°♐08'39	-1°-33'-56
minimum elong	-137 Dec 02 j 17:34	7°♐36'47	1°33'14
	-137 Dec 16 j 07:24	0°♑	
evening rise	-137 Dec 16 j 21:27	0°♑59'17	
asc. node	-136 Jan 04 j 01:53	29°♑04'28	
evening max el	-136 Jan 04 j 11:43	29°♑29'59	18°19'10
	-136 Jan 04 j 23:56	0°♒	
retrograde	-136 Jan 10 j 23:40	3°♒01'13	
evening set	-136 Jan 13 j 21:03	2°♒16'27	
	-136 Jan 16 j 23:00	30°℞♑	
inferior conj	-136 Jan 19 j 23:10	26°♑50'07	3°45'44
minimum elong	-136 Jan 19 j 21:45	26°♑54'07	3°45'36
min. Earth dist.	-136 Jan 22 j 07:54	24°♑11'23	0.63726 AU
morning rise	-136 Jan 25 j 20:53	20°♑46'38	
direct	-136 Feb 01 j 19:39	17°♑59'35	
desc. node	-136 Feb 12 j 19:42	23°♑18'20	
morning max el	-136 Feb 15 j 12:49	25°♑49'59	27°36'45
	-136 Feb 19 j 09:39	0°♒	
	-136 Mar 11 j 00:18	0°♓	
morning set	-136 Mar 21 j 05:32	18°♓56'54	
max. Earth dist.	-136 Mar 26 j 09:50	29°♓32'45	1.33230 AU
	-136 Mar 26 j 15:01	0°♈	
superior conj	-136 Mar 29 j 01:42	5°♈11'31	0°-31'00
minimum elong	-136 Mar 29 j 03:11	5°♈19'29	0°30'41
asc. node	-136 Apr 01 j 01:12	11°♈35'48	
evening rise	-136 Apr 05 j 05:52	20°♈33'30	
	-136 Apr 09 j 21:02	0°♉	
evening max el	-136 Apr 27 j 15:26	26°♉28'47	22°55'08
	-136 May 01 j 22:11	0°♊	
retrograde	-136 May 10 j 22:59	3°♊05'18	
desc. node	-136 May 10 j 18:53	3°♊05'14	
evening set	-136 May 14 j 08:14	2°♊40'11	
	-136 May 20 j 17:19	30°℞♉	
min. Earth dist.	-136 May 22 j 00:28	29°♉16'14	0.55532 AU
inferior conj	-136 May 23 j 13:14	28°♉23'13	-3°-21'-16
minimum elong	-136 May 23 j 05:59	28°♉33'41	3°19'22
morning rise	-136 Jun 01 j 06:40	24°♉29'36	
direct	-136 Jun 04 j 01:05	24°♉11'33	
morning max el	-136 Jun 15 j 00:13	29°♉16'33	20°40'29
	-136 Jun 15 j 18:23	0°♊	
asc. node	-136 Jun 28 j 00:27	17°♊42'21	
morning set	-136 Jul 04 j 00:54	29°♊30'45	
	-136 Jul 04 j 06:36	0°♋	
superior conj	-136 Jul 11 j 15:30	15°♋13'03	1°43'08
minimum elong	-136 Jul 11 j 14:01	15°♋05'29	1°43'04
max. Earth dist.	-136 Jul 16 j 08:22	24°♋37'19	1.35970 AU
	-136 Jul 19 j 03:29	0°♌	
evening rise	-136 Jul 20 j 11:39	2°♌30'51	
	-136 Aug 05 j 20:39	0°♍	
desc. node	-136 Aug 06 j 18:13	1°♍20'35	
evening max el	-136 Aug 25 j 02:48	24°♍28'51	26°15'48
	-136 Sep 01 j 04:34	0°♎	
retrograde	-136 Sep 06 j 18:45	1°♎38'47	
	-136 Sep 11 j 19:56	30°℞♍	
evening set	-136 Sep 13 j 03:37	29°♍00'07	
min. Earth dist.	-136 Sep 17 j 08:06	24°♍33'15	0.66384 AU
inferior conj	-136 Sep 18 j 19:28	22°♍44'14	-1°-44'-21
minimum elong	-136 Sep 18 j 22:07	22°♍36'05	1°43'19
asc. node	-136 Sep 23 j 23:39	17°♍21'35	
morning rise	-136 Sep 24 j 17:36	16°♍52'51	
direct	-136 Sep 27 j 18:20	16°♍00'28	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning max el	-136 Oct 04 j 13:56	19°♍48'16	18°49'05
	-136 Oct 12 j 11:28	0°♎	
morning set	-136 Oct 25 j 21:57	20°♎55'40	
	-136 Oct 31 j 15:48	0°♏	
desc. node	-136 Nov 02 j 17:34	3°♏15'54	
max. Earth dist.	-136 Nov 10 j 11:56	15°♏28'26	1.44965 AU
superior conj	-136 Nov 11 j 06:01	16°♏39'34	0°-53'-55
minimum elong	-136 Nov 10 j 23:18	16°♏13'08	0°53'07
	-136 Nov 19 j 16:30	0°♐	
evening rise	-136 Nov 26 j 20:58	11°♐30'23	
	-136 Dec 08 j 10:23	0°♑	
evening max el	-136 Dec 17 j 22:51	12°♑54'30	18°48'39
asc. node	-136 Dec 20 j 22:56	15°♑27'14	
retrograde	-136 Dec 24 j 17:05	16°♑42'57	
evening set	-136 Dec 27 j 19:57	15°♑47'14	
inferior conj	-135 Jan 02 j 14:54	10°♑03'10	3°25'44
minimum elong	-135 Jan 02 j 12:26	10°♑10'45	3°25'16
min. Earth dist.	-135 Jan 04 j 08:19	7°♑56'16	0.65257 AU
morning rise	-135 Jan 08 j 03:52	3°♑53'11	
direct	-135 Jan 14 j 18:59	1°♑02'32	
morning max el	-135 Jan 27 j 22:38	8°♑43'26	26°54'16
desc. node	-135 Jan 29 j 16:47	10°♑32'57	
	-135 Feb 13 j 14:37	0°♒	
	-135 Mar 03 j 09:24	0°♓	
morning set	-135 Mar 04 j 16:37	2°♓28'23	
max. Earth dist.	-135 Mar 09 j 04:05	11°♓16'45	1.34314 AU
superior conj	-135 Mar 13 j 03:39	19°♓26'57	0°-57'-37
minimum elong	-135 Mar 13 j 06:23	19°♓41'12	0°57'07
	-135 Mar 18 j 04:00	0°♈	
asc. node	-135 Mar 18 j 22:15	1°♈36'05	
evening rise	-135 Mar 20 j 15:47	5°♈13'20	
	-135 Apr 03 j 10:01	0°♉	
evening max el	-135 Apr 09 j 12:17	7°♉14'37	21°23'52
retrograde	-135 Apr 21 j 13:54	13°♉06'47	
evening set	-135 Apr 23 j 23:41	12°♉53'31	
desc. node	-135 Apr 27 j 15:56	11°♉47'06	
inferior conj	-135 May 03 j 08:22	8°♉53'17	-1°-36'-48
minimum elong	-135 May 03 j 03:52	8°♉59'37	1°35'14
min. Earth dist.	-135 May 03 j 13:20	8°♉46'18	0.54991 AU
morning rise	-135 May 12 j 08:21	4°♉53'40	
direct	-135 May 15 j 11:38	4°♉32'15	
morning max el	-135 May 28 j 01:30	10°♉30'14	22°10'58
	-135 Jun 11 j 03:01	0°♊	
asc. node	-135 Jun 14 j 21:32	7°♊08'31	
morning set	-135 Jun 18 j 10:47	14°♊22'01	
superior conj	-135 Jun 25 j 17:25	29°♊45'19	1°32'42
minimum elong	-135 Jun 25 j 15:08	29°♊33'16	1°32'30
	-135 Jun 25 j 20:13	0°♋	
max. Earth dist.	-135 Jun 29 j 00:20	6°♋35'57	1.34489 AU
evening rise	-135 Jul 03 j 18:14	16°♋05'01	
	-135 Jul 11 j 07:16	0°♌	
desc. node	-135 Jul 24 j 15:14	21°♌05'05	
	-135 Jul 31 j 08:52	0°♍	
evening max el	-135 Aug 07 j 14:38	7°♍58'40	27°03'12
retrograde	-135 Aug 20 j 20:40	15°♍17'29	
evening set	-135 Aug 27 j 17:25	12°♍32'32	
min. Earth dist.	-135 Aug 31 j 14:37	8°♍43'12	0.65265 AU
inferior conj	-135 Sep 02 j 14:35	6°♍26'28	-2°-39'-16
minimum elong	-135 Sep 02 j 18:31	6°♍15'14	2°37'54
morning rise	-135 Sep 08 j 21:09	0°♍48'39	
asc. node	-135 Sep 10 j 20:44	0°♍11'24	
direct	-135 Sep 11 j 14:33	0°♍08'23	
morning max el	-135 Sep 18 j 03:39	3°♍41'13	18°13'35
	-135 Oct 05 j 19:13	0°♎	
morning set	-135 Oct 06 j 17:31	1°♎31'54	
desc. node	-135 Oct 20 j 14:34	24°♎00'23	
superior conj	-135 Oct 21 j 08:24	25°♎11'07	0°-4'-53
minimum elong	-135 Oct 21 j 07:46	25°♎08'38	0°04'49
behind sun begin	-135 Oct 20 j 21:12	24°♎26'41	
behind sun end	-135 Oct 21 j 18:21	25°♎50'33	
	-135 Oct 24 j 09:31	0°♏	
max. Earth dist.	-135 Oct 24 j 06:34	29°♎48'21	1.44905 AU
evening rise	-135 Nov 06 j 21:12	21°♏05'07	
	-135 Nov 12 j 14:52	0°♐	
greatest brilliancy	-135 Nov 22 j 23:47	15°♐43'39	-0.7m
evening max el	-135 Dec 01 j 06:27	26°♐22'16	19°34'53
	-135 Dec 05 j 23:26	0°♑	
asc. node	-135 Dec 07 j 20:00	0°♑33'33	
retrograde	-135 Dec 08 j 13:54	0°♑36'41	
	-135 Dec 11 j 02:02	30°℞♐	
evening set	-135 Dec 11 j 23:55	29°♐28'20	
inferior conj	-135 Dec 17 j 13:57	23°♐29'29	2°54'25
minimum elong	-135 Dec 17 j 11:09	23°♐38'40	2°53'38
min. Earth dist.	-135 Dec 18 j 17:12	22°♐00'26	0.66402 AU
morning rise	-135 Dec 22 j 21:38	17°♐15'35	
direct	-135 Dec 29 j 00:29	14°♐33'44	
morning max el	-134 Jan 10 j 07:55	21°♐51'53	25°46'47
desc. node	-134 Jan 16 j 13:50	28°♐54'04	
	-134 Jan 17 j 11:04	0°♑	
	-134 Feb 06 j 20:25	0°♒	
morning set	-134 Feb 15 j 13:10	15°♒12'12	
max. Earth dist.	-134 Feb 19 j 10:17	22°♒28'23	1.35853 AU
	-134 Feb 23 j 06:55	0°♓	
superior conj	-134 Feb 24 j 21:50	3°♓14'31	-1°-22'-33
minimum elong	-134 Feb 25 j 01:29	3°♓32'53	1°22'02
evening rise	-134 Mar 04 j 22:00	19°♓36'09	
asc. node	-134 Mar 05 j 19:18	21°♓24'16	
	-134 Mar 10 j 04:26	0°♈	
evening max el	-134 Mar 22 j 19:53	18°♈34'06	20°06'24
retrograde	-134 Apr 02 j 04:45	23°♈32'33	
evening set	-134 Apr 04 j 07:25	23°♈21'05	
inferior conj	-134 Apr 13 j 05:37	19°♈22'04	0°22'20
minimum elong	-134 Apr 13 j 06:37	19°♈20'34	0°21'58
desc. node	-134 Apr 14 j 12:59	18°♈34'57	
min. Earth dist.	-134 Apr 15 j 03:20	18°♈13'37	0.55416 AU
morning rise	-134 Apr 22 j 03:05	14°♈57'55	
direct	-134 Apr 26 j 01:33	14°♈23'57	
morning max el	-134 May 09 j 18:40	21°♈10'29	23°51'17
	-134 May 17 j 08:55	0°♉	
asc. node	-134 Jun 01 j 18:35	26°♉54'05	
morning set	-134 Jun 02 j 22:28	29°♉19'32	
	-134 Jun 03 j 06:09	0°♊	
superior conj	-134 Jun 10 j 00:40	14°♊33'38	1°17'18
minimum elong	-134 Jun 09 j 22:10	14°♊20'11	1°16'57
max. Earth dist.	-134 Jun 12 j 01:44	18°♊56'32	1.33400 AU
	-134 Jun 17 j 09:34	0°♋	
evening rise	-134 Jun 17 j 12:22	0°♋14'03	
	-134 Jul 04 j 07:51	0°♌	
desc. node	-134 Jul 11 j 12:16	10°♌13'58	
evening max el	-134 Jul 21 j 01:36	21°♌10'39	27°24'54
retrograde	-134 Aug 03 j 16:42	28°♌30'39	
evening set	-134 Aug 10 j 20:34	25°♌50'16	
min. Earth dist.	-134 Aug 14 j 12:11	22°♌35'25	0.63783 AU
inferior conj	-134 Aug 17 j 01:15	19°♌57'43	-3°-30'-12
minimum elong	-134 Aug 17 j 05:58	19°♌45'32	3°28'53
morning rise	-134 Aug 23 j 17:26	14°♌36'36	
direct	-134 Aug 26 j 06:04	14°♌05'01	
asc. node	-134 Aug 28 j 17:48	14°♌36'03	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning max el	-134 Sep 01 j 19:20	17°♌31'00	17°55'25	
	-134 Sep 10 j 18:52	0°♍		
morning set	-134 Sep 18 j 15:29	13°♍24'15		
	-134 Sep 28 j 09:36	0°♎		
superior conj	-134 Oct 01 j 05:10	4°♎39'08	0°40'47	
minimum elong	-134 Oct 01 j 09:18	4°♎56'05	0°40'15	
max. Earth dist.	-134 Oct 06 j 23:36	13°♎59'21	1.44134 AU	
desc. node	-134 Oct 07 j 11:35	14°♎47'07		
evening rise	-134 Oct 17 j 05:49	0°♏03'57		
	-134 Oct 17 j 04:48	0°♏		
	-134 Nov 06 j 09:42	0°♐		
greatest brilliancy	-134 Nov 08 j 09:36	2°♐41'48	-0.5m	
evening max el	-134 Nov 14 j 08:54	9°♐50'41	20°35'43	
retrograde	-134 Nov 22 j 11:31	14°♐38'00		
asc. node	-134 Nov 24 j 17:03	14°♐09'42		
evening set	-134 Nov 26 j 06:44	13°♐14'53		
inferior conj	-134 Dec 01 j 17:42	7°♐04'25	2°14'39	
minimum elong	-134 Dec 01 j 15:07	7°♐13'12	2°13'47	
min. Earth dist.	-134 Dec 02 j 08:19	6°♐14'45	0.67170 AU	
morning rise	-134 Dec 06 j 23:02	0°♐48'56		
	-134 Dec 07 j 23:15	30°℞♏		
direct	-134 Dec 12 j 11:10	28°♏24'30		
	-134 Dec 17 j 11:27	0°♐		
morning max el	-134 Dec 23 j 16:11	5°♐05'41	24°24'07	
desc. node	-133 Jan 03 j 10:51	18°♐01'42		
	-133 Jan 11 j 21:34	0°♑		
morning set	-133 Jan 28 j 13:25	26°♑51'49		
	-133 Jan 30 j 08:12	0°♒		
max. Earth dist.	-133 Feb 01 j 07:11	3°♒30'34	1.37779 AU	
superior conj	-133 Feb 08 j 04:55	16°♒24'56	-1°-43'-39	
minimum elong	-133 Feb 08 j 08:40	16°♒43'03	1°43'19	
	-133 Feb 15 j 02:46	0°♓		
evening rise	-133 Feb 16 j 22:07	3°♓35'07		
asc. node	-133 Feb 20 j 16:22	10°♓55'11		
	-133 Mar 05 j 01:31	0°♈		
evening max el	-133 Mar 05 j 14:35	0°♈32'20	19°07'33	
retrograde	-133 Mar 14 j 08:13	4°♈44'33		
evening set	-133 Mar 16 j 13:31	4°♈29'25		
inferior conj	-133 Mar 24 j 17:54	0°♈17'09	2°03'19	
minimum elong	-133 Mar 24 j 22:05	0°♈09'58	2°02'05	
	-133 Mar 25 j 03:53	30°℞♓		
min. Earth dist.	-133 Mar 27 j 18:45	28°♓13'07	0.56707 AU	
desc. node	-133 Apr 01 j 10:01	25°♓37'27		
morning rise	-133 Apr 02 j 02:34	25°♓20'33		
direct	-133 Apr 07 j 03:39	24°♓21'03		
	-133 Apr 19 j 13:10	0°♈		
morning max el	-133 Apr 21 j 09:13	1°♈40'29	25°28'33	
	-133 May 11 j 05:40	0°♉		
morning set	-133 May 18 j 10:20	14°♉18'15		
asc. node	-133 May 19 j 15:37	16°♉53'27		
superior conj	-133 May 25 j 11:05	29°♉31'01	0°57'58	
minimum elong	-133 May 25 j 08:53	29°♉18'58	0°57'33	
	-133 May 25 j 16:23	0°♊		
max. Earth dist.	-133 May 26 j 10:27	1°♊38'30	1.32700 AU	
evening rise	-133 Jun 01 j 14:36	14°♊47'23		
	-133 Jun 09 j 10:22	0°♋		
desc. node	-133 Jun 28 j 09:17	28°♋32'23		
	-133 Jun 29 j 15:54	0°♌		
evening max el	-133 Jul 03 j 09:27	3°♌52'05	27°15'24	
retrograde	-133 Jul 17 j 05:58	11°♌09'24		
evening set	-133 Jul 24 j 09:12	8°♌46'50		
min. Earth dist.	-133 Jul 27 j 23:27	5°♌58'10	0.61978 AU	
inferior conj	-133 Jul 31 j 00:26	3°♌10'59	-4°-12'-42	
minimum elong	-133 Jul 31 j 04:49	3°♌00'54	4°11'53	

	-133 Aug 03 j 18:45	30°℞♋	
morning rise	-133 Aug 07 j 03:07	28°♋09'54	
direct	-133 Aug 09 j 13:39	27°♋44'05	
	-133 Aug 15 j 02:11	0°♌	
asc. node	-133 Aug 15 j 14:50	0°♌26'37	
morning max el	-133 Aug 16 j 10:07	1°♌11'22	17°55'35
morning set	-133 Sep 01 j 09:54	26°♌15'38	
	-133 Sep 03 j 11:28	0°♍	
superior conj	-133 Sep 12 j 05:13	15°♍28'08	1°15'04
minimum elong	-133 Sep 12 j 10:07	15°♍49'15	1°14'32
max. Earth dist.	-133 Sep 19 j 12:51	27°♍46'05	1.42751 AU
	-133 Sep 20 j 21:41	0°♎	
desc. node	-133 Sep 24 j 08:36	5°♎33'14	
evening rise	-133 Sep 26 j 15:34	9°♎10'21	
	-133 Oct 10 j 09:49	0°♏	
greatest brilliancy	-133 Oct 23 j 09:54	17°♏50'17	-0.4m
evening max el	-133 Oct 28 j 05:34	23°♏19'45	21°47'49
retrograde	-133 Nov 06 j 08:04	28°♏44'29	
evening set	-133 Nov 10 j 14:33	27°♏04'36	
asc. node	-133 Nov 11 j 14:05	26°♏12'58	
inferior conj	-133 Nov 16 j 00:03	20°♏45'54	1°28'34
minimum elong	-133 Nov 15 j 22:09	20°♏52'28	1°27'50
min. Earth dist.	-133 Nov 16 j 03:20	20°♏34'33	0.67582 AU
morning rise	-133 Nov 21 j 05:30	14°♏31'01	
direct	-133 Nov 26 j 02:17	12°♏28'32	
morning max el	-133 Dec 06 j 01:48	18°♏24'02	22°56'18
greatest brilliancy	-133 Dec 10 j 19:45	23°♏42'38	-0.3m
	-133 Dec 15 j 17:59	0°♐	
desc. node	-133 Dec 21 j 07:52	7°♐42'39	
	-132 Jan 05 j 01:11	0°♑	
morning set	-132 Jan 09 j 11:09	7°♑11'11	
max. Earth dist.	-132 Jan 14 j 02:44	15°♑01'53	1.39899 AU
superior conj	-132 Jan 21 j 20:29	28°♑46'27	-1°-57'-55
minimum elong	-132 Jan 21 j 22:51	28°♑57'21	1°57'51
	-132 Jan 22 j 12:30	0°♒	
evening rise	-132 Jan 31 j 13:15	17°♒02'38	
asc. node	-132 Feb 07 j 13:24	0°♓02'09	
	-132 Feb 07 j 12:54	0°♓	
evening max el	-132 Feb 16 j 18:04	13°♓03'14	18°28'38
retrograde	-132 Feb 24 j 06:39	16°♓45'02	
evening set	-132 Feb 26 j 16:39	16°♓23'19	
inferior conj	-132 Mar 05 j 02:57	11°♓50'48	3°10'00
minimum elong	-132 Mar 05 j 06:46	11°♓43'10	3°09'16
min. Earth dist.	-132 Mar 08 j 13:14	9°♓07'12	0.58575 AU
morning rise	-132 Mar 12 j 17:01	6°♓25'13	
desc. node	-132 Mar 18 j 07:04	4°♓50'36	
direct	-132 Mar 18 j 18:53	4°♓49'58	
morning max el	-132 Apr 02 j 03:05	12°♓28'12	26°47'25
	-132 Apr 15 j 21:16	0°♈	
morning set	-132 May 01 j 20:42	29°♈11'22	
	-132 May 02 j 05:58	0°♉	
asc. node	-132 May 05 j 12:39	7°♉00'49	
superior conj	-132 May 08 j 22:46	14°♉30'02	0°35'31
minimum elong	-132 May 08 j 21:16	14°♉21'47	0°35'12
max. Earth dist.	-132 May 08 j 22:56	14°♉30'55	1.32368 AU
evening rise	-132 May 15 j 22:06	29°♉34'47	
	-132 May 16 j 02:55	0°♊	
	-132 Jun 01 j 17:06	0°♋	
desc. node	-132 Jun 14 j 06:19	15°♋38'09	
evening max el	-132 Jun 14 j 11:22	15°♋50'15	26°32'45
retrograde	-132 Jun 28 j 11:13	23°♋04'43	
evening set	-132 Jul 05 j 02:42	21°♋12'51	
min. Earth dist.	-132 Jul 09 j 00:34	18°♋35'50	0.59954 AU
inferior conj	-132 Jul 12 j 08:33	15°♋56'07	-4°-39'-47

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-132 Jul	12 j 10:47	15°♋51'37	4°39'39
morning rise	-132 Jul	19 j 22:10	11°♋17'44	
direct	-132 Jul	22 j 08:57	10°♋55'43	
morning max el	-132 Jul	29 j 21:02	14°♋33'51	18°15'12
asc. node	-132 Aug	01 j 11:51	17°♋27'26	
	-132 Aug	09 j 12:10	0°♌	
morning set	-132 Aug	14 j 19:07	9°♌49'38	
superior conj	-132 Aug	24 j 06:33	27°♌32'07	1°36'20
minimum elong	-132 Aug	24 j 09:50	27°♌47'00	1°36'05
	-132 Aug	25 j 15:17	0°♍	
max. Earth dist.	-132 Aug	31 j 20:36	10°♍53'11	1.40925 AU
evening rise	-132 Sep	05 j 18:41	19°♍05'44	
desc. node	-132 Sep	10 j 05:38	26°♍14'59	
	-132 Sep	12 j 15:13	0°♎	
	-132 Oct	03 j 20:11	0°♏	
greatest brilliancy	-132 Oct	04 j 05:42	0°♏29'14	-0.2m
evening max el	-132 Oct	09 j 21:04	6°♏50'11	23°06'46
retrograde	-132 Oct	20 j 02:08	12°♏53'23	
evening set	-132 Oct	24 j 21:43	10°♏55'25	
asc. node	-132 Oct	28 j 11:05	7°♏01'24	
inferior conj	-132 Oct	30 j 07:10	4°♏32'10	0°37'49
minimum elong	-132 Oct	30 j 06:17	4°♏35'12	0°37'26
min. Earth dist.	-132 Oct	29 j 23:54	4°♏57'13	0.67658 AU
	-132 Nov	02 j 20:37	30°℞♎	
morning rise	-132 Nov	04 j 14:54	28°♎20'16	
direct	-132 Nov	08 j 20:59	26°♎40'30	
	-132 Nov	15 j 17:22	0°♏	
morning max el	-132 Nov	17 j 16:20	1°♏50'30	21°32'06
greatest brilliancy	-132 Nov	22 j 17:17	7°♏35'49	-0.4m
desc. node	-132 Dec	07 j 04:54	27°♏47'41	
	-132 Dec	08 j 16:22	0°♐	
morning set	-132 Dec	19 j 03:58	16°♐08'53	
max. Earth dist.	-132 Dec	26 j 03:34	27°♐26'03	1.41927 AU
	-132 Dec	27 j 16:41	0°♑	
superior conj	-131 Jan	02 j 15:16	10°♑06'23	-2°-1'-19
minimum elong	-131 Jan	02 j 14:11	10°♑01'39	2°01'19
evening rise	-131 Jan	13 j 15:56	29°♑51'07	
	-131 Jan	13 j 17:52	0°♒	
asc. node	-131 Jan	24 j 10:26	18°♒37'39	
evening max el	-131 Jan	30 j 03:23	25°♒58'54	18°09'44
retrograde	-131 Feb	05 j 22:37	29°♒26'09	
evening set	-131 Feb	08 j 12:57	28°♒56'24	
inferior conj	-131 Feb	15 j 08:08	24°♒02'21	3°43'17
minimum elong	-131 Feb	15 j 09:49	23°♒58'24	3°43'09
min. Earth dist.	-131 Feb	18 j 13:56	21°♒02'39	0.60668 AU
morning rise	-131 Feb	22 j 03:43	18°♒16'23	
direct	-131 Feb	28 j 21:48	16°♒04'39	
desc. node	-131 Mar	05 j 04:05	16°♒53'12	
morning max el	-131 Mar	15 j 03:14	23°♒53'23	27°35'19
	-131 Mar	20 j 15:50	0°♓	
	-131 Apr	09 j 01:50	0°♈	
morning set	-131 Apr	16 j 03:46	13°♈52'45	
asc. node	-131 Apr	22 j 09:42	27°♈11'55	
max. Earth dist.	-131 Apr	22 j 11:16	27°♈20'26	1.32399 AU
superior conj	-131 Apr	23 j 10:05	29°♈25'10	0°10'45
minimum elong	-131 Apr	23 j 09:35	29°♈22'29	0°10'39
behind sun begin	-131 Apr	23 j 05:50	29°♈01'54	
behind sun end	-131 Apr	23 j 13:21	29°♈43'05	
	-131 Apr	23 j 16:26	0°♉	
evening rise	-131 Apr	30 j 08:43	14°♉28'51	
	-131 May	08 j 04:14	0°♊	
evening max el	-131 May	27 j 06:17	27°♊02'58	25°20'47
	-131 May	30 j 16:35	0°♋	
desc. node	-131 Jun	01 j 03:20	1°♋02'06	
retrograde	-131 Jun	10 j 07:04	4°♋12'41	
evening set	-131 Jun	15 j 21:29	2°♋59'29	
min. Earth dist.	-131 Jun	20 j 18:09	0°♋15'34	0.57928 AU
	-131 Jun	21 j 03:24	30°℞♊	
inferior conj	-131 Jun	23 j 22:11	28°♊03'55	-4°-40'-59
minimum elong	-131 Jun	23 j 20:15	28°♊07'17	4°40'54
morning rise	-131 Jul	01 j 22:54	23°♊48'14	
direct	-131 Jul	04 j 11:31	23°♊28'49	
morning max el	-131 Jul	13 j 01:05	27°♊30'01	18°55'15
	-131 Jul	15 j 09:39	0°♋	
asc. node	-131 Jul	19 j 08:54	5°♋24'01	
morning set	-131 Jul	29 j 14:52	23°♋55'02	
	-131 Aug	01 j 16:58	0°♌	
superior conj	-131 Aug	07 j 03:38	10°♌35'26	1°46'01
minimum elong	-131 Aug	07 j 04:44	10°♌40'42	1°45'59
max. Earth dist.	-131 Aug	13 j 23:46	23°♌15'17	1.38910 AU
evening rise	-131 Aug	17 j 22:29	0°♍10'40	
	-131 Aug	17 j 20:00	0°♍	
desc. node	-131 Aug	28 j 02:40	16°♍48'12	
	-131 Sep	05 j 23:48	0°♎	
evening max el	-131 Sep	22 j 09:19	20°♎23'19	24°26'32
retrograde	-131 Oct	03 j 16:37	27°♎00'26	
evening set	-131 Oct	09 j 02:32	24°♎44'35	
min. Earth dist.	-131 Oct	13 j 19:39	19°♎20'04	0.67415 AU
inferior conj	-131 Oct	14 j 13:19	18°♎20'50	0°-16'-13
minimum elong	-131 Oct	14 j 13:43	18°♎19'30	0°16'05
transit middle	-131 Oct	14 j 13:43	18°♎19'30	0°16'05
transit begin	-131 Oct	14 j 13:18	18°♎20'55	
transit end	-131 Oct	14 j 14:09	18°♎18'05	
asc. node	-131 Oct	15 j 08:07	17°♎18'09	
morning rise	-131 Oct	20 j 01:16	12°♎14'25	
direct	-131 Oct	23 j 18:15	10°♎55'37	
morning max el	-131 Oct	31 j 14:01	15°♎26'34	20°17'41
greatest brilliancy	-131 Nov	07 j 06:02	23°♎28'08	-0.6m
	-131 Nov	11 j 22:17	0°♏	
desc. node	-131 Nov	24 j 01:55	18°♏09'26	
morning set	-131 Nov	28 j 01:44	24°♏18'05	
	-131 Dec	01 j 17:37	0°♐	
max. Earth dist.	-131 Dec	08 j 11:35	10°♐41'24	1.43584 AU
superior conj	-131 Dec	14 j 08:17	20°♐13'16	-1°-49'-14
minimum elong	-131 Dec	14 j 02:21	19°♐48'52	1°48'52
	-131 Dec	20 j 04:36	0°♑	
evening rise	-131 Dec	27 j 01:55	11°♑51'17	
	-130 Jan	06 j 18:17	0°♒	
asc. node	-130 Jan	11 j 07:28	6°♒31'23	
evening max el	-130 Jan	13 j 15:34	9°♒10'41	18°10'19
retrograde	-130 Jan	20 j 03:41	12°♒37'05	
evening set	-130 Jan	22 j 22:17	11°♒58'13	
inferior conj	-130 Jan	29 j 05:46	6°♒43'23	3°50'30
minimum elong	-130 Jan	29 j 05:18	6°♒44'37	3°50'29
min. Earth dist.	-130 Jan	31 j 23:16	3°♒51'19	0.62687 AU
morning rise	-130 Feb	04 j 10:16	0°♒44'47	
	-130 Feb	05 j 11:51	30°℞♑	
direct	-130 Feb	11 j 10:05	28°♑06'06	
	-130 Feb	17 j 19:53	0°♒	
desc. node	-130 Feb	20 j 01:07	1°♒24'33	
morning max el	-130 Feb	25 j 08:56	5°♒58'37	27°46'31
	-130 Mar	15 j 14:02	0°♓	
morning set	-130 Mar	31 j 05:24	28°♓14'32	
	-130 Apr	01 j 02:11	0°♈	
max. Earth dist.	-130 Apr	05 j 19:27	9°♈52'43	1.32806 AU
superior conj	-130 Apr	07 j 19:19	14°♈10'11	0°-15'-33
minimum elong	-130 Apr	07 j 20:03	14°♈14'10	0°15'24
behind sun begin	-130 Apr	07 j 18:47	14°♈07'17	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

behind sun end	-130 Apr 07 j 21:20	14°♈21'04		
asc. node	-130 Apr 09 j 06:46	17°♈22'17		
evening rise	-130 Apr 14 j 20:31	29°♈22'36		
	-130 Apr 15 j 03:37	0°♉		
	-130 May 02 j 04:25	0°♊		
evening max el	-130 May 08 j 21:02	7°♊44'17	23°50'07	
desc. node	-130 May 19 j 00:21	14°♊08'26		
retrograde	-130 May 22 j 15:14	14°♊38'17		
evening set	-130 May 26 j 19:14	13°♊59'56		
min. Earth dist.	-130 Jun 02 j 07:59	10°♊53'44	0.56222 AU	
inferior conj	-130 Jun 04 j 15:43	9°♊28'46	-4°-3'-38	
minimum elong	-130 Jun 04 j 09:27	9°♊38'23	4°02'26	
morning rise	-130 Jun 13 j 03:20	5°♊30'07		
direct	-130 Jun 15 j 18:52	5°♊12'11		
morning max el	-130 Jun 25 j 19:35	9°♊50'47	19°56'16	
asc. node	-130 Jul 06 j 05:58	24°♊03'44		
	-130 Jul 09 j 11:50	0°♋		
morning set	-130 Jul 13 j 18:01	8°♋23'57		
superior conj	-130 Jul 21 j 15:09	24°♋23'10	1°46'22	
minimum elong	-130 Jul 21 j 14:26	24°♋19'34	1°46'21	
	-130 Jul 24 j 11:27	0°♌		
max. Earth dist.	-130 Jul 27 j 03:46	5°♌08'49	1.36969 AU	
evening rise	-130 Jul 31 j 01:48	12°♌24'04		
	-130 Aug 10 j 09:46	0°♍		
desc. node	-130 Aug 14 j 23:42	7°♍08'10		
	-130 Sep 01 j 01:38	0°♎		
evening max el	-130 Sep 04 j 20:50	4°♎00'13	25°39'49	
retrograde	-130 Sep 17 j 02:38	11°♎01'26		
evening set	-130 Sep 23 j 03:13	8°♎30'01		
min. Earth dist.	-130 Sep 27 j 12:13	3°♎41'21	0.66853 AU	
inferior conj	-130 Sep 28 j 16:47	2°♎09'58	-1°-12'-3	
minimum elong	-130 Sep 28 j 18:36	2°♎04'09	1°11'19	
	-130 Sep 30 j 10:23	30°℞♍		
asc. node	-130 Oct 02 j 05:10	28°♍01'38		
morning rise	-130 Oct 04 j 10:42	26°♍11'58		
direct	-130 Oct 07 j 16:42	25°♍10'56		
morning max el	-130 Oct 14 j 19:12	29°♍11'55	19°16'56	
	-130 Oct 15 j 13:34	0°♎		
greatest brilliancy	-130 Oct 25 j 01:26	12°♎39'49	-0.7m	
	-130 Nov 05 j 08:44	0°♏		
morning set	-130 Nov 07 j 04:17	2°♏49'33		
desc. node	-130 Nov 10 j 22:59	8°♏43'12		
max. Earth dist.	-130 Nov 21 j 02:05	24°♏36'32	1.44663 AU	
superior conj	-130 Nov 23 j 23:28	29°♏11'15	-1°-18'-48	
minimum elong	-130 Nov 23 j 15:13	28°♏38'30	1°17'58	
	-130 Nov 24 j 11:44	0°♐		
evening rise	-130 Dec 08 j 14:54	22°♐55'54		
	-130 Dec 12 j 21:19	0°♑		
evening max el	-130 Dec 28 j 03:53	22°♑32'31	18°29'35	
asc. node	-130 Dec 29 j 04:30	23°♑31'33		
retrograde	-129 Jan 03 j 17:34	26°♑09'38		
evening set	-129 Jan 06 j 17:07	25°♑20'26		
inferior conj	-129 Jan 12 j 15:55	19°♑46'33	3°38'49	
minimum elong	-129 Jan 12 j 13:58	19°♑52'17	3°38'34	
min. Earth dist.	-129 Jan 14 j 18:11	17°♑19'59	0.64430 AU	
morning rise	-129 Jan 18 j 09:27	13°♑40'02		
direct	-129 Jan 25 j 05:54	10°♑49'23		
desc. node	-129 Feb 06 j 22:11	17°♑49'01		
morning max el	-129 Feb 07 j 17:50	18°♑37'12	27°22'08	
	-129 Feb 17 j 09:24	0°♒		
	-129 Mar 08 j 11:54	0°♓		
morning set	-129 Mar 14 j 22:49	12°♓07'39		
max. Earth dist.	-129 Mar 19 j 19:39	21°♓55'58	1.33636 AU	
superior conj	-129 Mar 23 j 00:37	28°♓38'53	0°-42'-23	

minimum elong	-129 Mar 23 j 02:39	28°♓49'40	0°41'59	
	-129 Mar 23 j 15:55	0°♈		
asc. node	-129 Mar 27 j 03:50	7°♈27'41		
evening rise	-129 Mar 30 j 07:42	14°♈09'39		
	-129 Apr 07 j 09:25	0°♉		
evening max el	-129 Apr 20 j 13:54	18°♉21'01	22°15'08	
retrograde	-129 May 03 j 10:36	24°♉40'05		
desc. node	-129 May 05 j 21:24	24°♉26'47		
evening set	-129 May 06 j 07:46	24°♉21'46		
min. Earth dist.	-129 May 14 j 20:44	20°♉41'34	0.55189 AU	
inferior conj	-129 May 15 j 16:19	20°♉13'58	-2°-40'-54	
minimum elong	-129 May 15 j 09:35	20°♉23'29	2°38'50	
morning rise	-129 May 24 j 13:14	16°♉19'50		
direct	-129 May 27 j 10:35	16°♉00'57		
morning max el	-129 Jun 08 j 02:53	21°♉28'36	21°17'06	
	-129 Jun 15 j 06:37	0°♊		
asc. node	-129 Jun 23 j 03:03	13°♊15'34		
morning set	-129 Jun 28 j 02:03	23°♊08'57		
	-129 Jul 01 j 08:53	0°♋		
superior conj	-129 Jul 05 j 12:47	8°♋41'59	1°39'24	
minimum elong	-129 Jul 05 j 10:53	8°♋32'08	1°39'16	
max. Earth dist.	-129 Jul 09 j 14:40	17°♋00'29	1.35296 AU	
evening rise	-129 Jul 13 j 23:52	25°♋32'48		
	-129 Jul 16 j 09:05	0°♌		
desc. node	-129 Aug 01 j 20:43	27°♌07'54		
	-129 Aug 03 j 20:41	0°♍		
evening max el	-129 Aug 18 j 08:47	17°♍35'35	26°38'48	
retrograde	-129 Aug 31 j 07:26	24°♍49'53		
evening set	-129 Sep 06 j 21:40	22°♍07'49		
min. Earth dist.	-129 Sep 10 j 23:05	17°♍56'44	0.65951 AU	
inferior conj	-129 Sep 12 j 15:34	15°♍55'43	-2°-7'-56	
minimum elong	-129 Sep 12 j 18:47	15°♍46'03	2°06'43	
morning rise	-129 Sep 18 j 17:05	10°♍09'24		
asc. node	-129 Sep 19 j 02:14	9°♍57'54		
direct	-129 Sep 21 j 14:27	9°♍22'29		
morning max el	-129 Sep 28 j 06:23	13°♍02'51	18°31'53	
	-129 Oct 10 j 10:23	0°♎		
morning set	-129 Oct 18 j 07:13	12°♎36'33		
desc. node	-129 Oct 28 j 20:01	29°♎24'30		
	-129 Oct 29 j 05:00	0°♏		
superior conj	-129 Nov 03 j 00:12	7°♏34'02	0°-33'-29	
minimum elong	-129 Nov 02 j 19:48	7°♏16'45	0°32'55	
max. Earth dist.	-129 Nov 03 j 20:29	8°♏53'47	1.45033 AU	
	-129 Nov 17 j 06:14	0°♐		
evening rise	-129 Nov 19 j 04:07	3°♐01'31		
	-129 Dec 06 j 16:25	0°♑		
evening max el	-129 Dec 11 j 13:49	5°♑59'08	19°06'27	
asc. node	-129 Dec 16 j 01:32	9°♑23'48		
retrograde	-129 Dec 18 j 12:42	9°♑57'13		
evening set	-129 Dec 21 j 18:29	8°♑56'12		
inferior conj	-129 Dec 27 j 11:06	3°♑05'33	3°13'37	
minimum elong	-129 Dec 27 j 08:24	3°♑14'03	3°13'01	
min. Earth dist.	-129 Dec 28 j 22:16	1°♑14'32	0.65793 AU	
	-129 Dec 29 j 22:40	30°℞♐		
morning rise	-128 Jan 01 j 21:27	26°♐53'56		
direct	-128 Jan 08 j 07:54	24°♐05'46		
	-128 Jan 19 j 10:51	0°♑		
morning max el	-128 Jan 21 j 03:27	1°♑37'55	26°28'08	
desc. node	-128 Jan 24 j 19:15	5°♑34'40		
	-128 Feb 11 j 11:52	0°♒		
morning set	-128 Feb 26 j 04:23	25°♒21'05		
	-128 Feb 28 j 14:48	0°♓		
max. Earth dist.	-128 Mar 01 j 08:56	3°♓25'57	1.34917 AU	
superior conj	-128 Mar 05 j 23:42	12°♓44'18	-1°-8'-29	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-128 Mar 06 j 02:53	13°♓00'41	1°07'58
asc. node	-128 Mar 13 j 00:53	27°♓23'55	
evening rise	-128 Mar 13 j 16:22	28°♓43'56	
	-128 Mar 14 j 07:10	0°♈	
evening max el	-128 Apr 01 j 15:08	29°♈20'25	20°48'48
	-128 Apr 02 j 08:05	0°♉	
retrograde	-128 Apr 12 j 23:37	4°♉49'27	
evening set	-128 Apr 15 j 04:55	4°♉37'41	
desc. node	-128 Apr 21 j 18:26	2°♉09'15	
inferior conj	-128 Apr 24 j 10:36	0°♉40'04	0°-45'-59
minimum elong	-128 Apr 24 j 08:25	0°♉43'11	0°45'13
min. Earth dist.	-128 Apr 25 j 09:49	0°♉06'58	0.55062 AU
	-128 Apr 25 j 14:44	30°℞♈	
morning rise	-128 May 03 j 10:54	26°♈32'19	
direct	-128 May 06 j 21:17	26°♈06'53	
	-128 May 17 j 02:49	0°♉	
morning max el	-128 May 20 j 00:05	2°♉26'07	22°53'00
	-128 Jun 07 j 13:48	0°♊	
asc. node	-128 Jun 09 j 00:09	2°♊51'14	
morning set	-128 Jun 11 j 12:56	8°♊04'04	
superior conj	-128 Jun 18 j 17:17	23°♊22'12	1°26'43
minimum elong	-128 Jun 18 j 14:51	23°♊09'11	1°26'26
max. Earth dist.	-128 Jun 21 j 11:06	29°♊09'29	1.33986 AU
	-128 Jun 21 j 20:48	0°♋	
evening rise	-128 Jun 26 j 11:53	9°♋23'27	
	-128 Jul 07 j 19:35	0°♌	
desc. node	-128 Jul 18 j 17:44	16°♌38'37	
	-128 Jul 29 j 20:18	0°♍	
evening max el	-128 Jul 30 j 20:34	0°♍59'25	27°15'51
retrograde	-128 Aug 13 j 06:36	8°♍18'30	
evening set	-128 Aug 20 j 07:17	5°♍34'04	
min. Earth dist.	-128 Aug 24 j 01:52	2°♍00'07	0.64687 AU
	-128 Aug 25 j 21:49	30°℞♌	
inferior conj	-128 Aug 26 j 07:23	29°♌33'38	-3°-1'-35
minimum elong	-128 Aug 26 j 11:45	29°♌21'41	3°00'11
morning rise	-128 Sep 01 j 17:55	24°♌02'30	
direct	-128 Sep 04 j 09:06	23°♌26'12	
asc. node	-128 Sep 04 j 23:19	23°♌28'03	
morning max el	-128 Sep 10 j 21:14	26°♌54'42	18°03'40
	-128 Sep 13 j 13:53	0°♍	
morning set	-128 Sep 28 j 14:35	23°♍46'48	
	-128 Oct 02 j 07:46	0°♎	
superior conj	-128 Oct 12 j 08:15	16°♎23'05	0°15'35
minimum elong	-128 Oct 12 j 10:07	16°♎30'32	0°15'20
behind sun begin	-128 Oct 12 j 06:37	16°♎16'32	
behind sun end	-128 Oct 12 j 13:36	16°♎44'31	
desc. node	-128 Oct 14 j 17:01	20°♎09'56	
max. Earth dist.	-128 Oct 16 j 15:17	23°♎13'31	1.44662 AU
	-128 Oct 20 j 22:35	0°♏	
evening rise	-128 Oct 28 j 20:08	12°♏16'39	
	-128 Nov 09 j 10:20	0°♐	
greatest brilliancy	-128 Nov 16 j 16:28	10°♐35'05	-0.6m
evening max el	-128 Nov 23 j 19:19	19°♐26'38	19°59'11
retrograde	-128 Dec 01 j 10:07	23°♐54'15	
asc. node	-128 Dec 01 j 22:34	23°♐52'43	
evening set	-128 Dec 04 j 23:53	22°♐39'39	
inferior conj	-128 Dec 10 j 12:22	16°♐35'15	2°38'26
minimum elong	-128 Dec 10 j 09:36	16°♐44'30	2°37'36
min. Earth dist.	-128 Dec 11 j 09:57	15°♐23'17	0.66768 AU
morning rise	-128 Dec 15 j 18:44	10°♐20'31	
direct	-128 Dec 21 j 15:25	7°♐45'37	
morning max el	-127 Jan 02 j 12:18	14°♐49'15	25°13'04
desc. node	-127 Jan 10 j 16:16	24°♐17'00	
	-127 Jan 14 j 23:20	0°♑	
	-127 Feb 03 j 08:24	0°♒	
morning set	-127 Feb 07 j 17:02	7°♒39'18	
max. Earth dist.	-127 Feb 11 j 10:59	14°♒31'25	1.36632 AU
superior conj	-127 Feb 17 j 13:34	26°♒16'55	-1°-32'-7
minimum elong	-127 Feb 17 j 17:24	26°♒35'52	1°31'39
	-127 Feb 19 j 10:24	0°♓	
evening rise	-127 Feb 25 j 20:18	12°♓57'29	
asc. node	-127 Feb 27 j 21:55	17°♓05'22	
	-127 Mar 06 j 22:02	0°♈	
evening max el	-127 Mar 15 j 03:28	10°♈55'52	19°38'56
retrograde	-127 Mar 24 j 18:56	15°♈33'37	
evening set	-127 Mar 26 j 22:02	15°♈21'04	
inferior conj	-127 Apr 04 j 13:01	11°♈17'17	1°08'46
minimum elong	-127 Apr 04 j 15:50	11°♈12'49	1°07'49
min. Earth dist.	-127 Apr 07 j 00:07	9°♈44'13	0.55873 AU
desc. node	-127 Apr 08 j 15:28	8°♈45'46	
morning rise	-127 Apr 13 j 06:10	6°♈39'37	
direct	-127 Apr 17 j 15:15	5°♈56'45	
morning max el	-127 May 01 j 15:31	12°♈58'53	24°33'55
	-127 May 14 j 18:54	0°♉	
asc. node	-127 May 26 j 21:12	22°♉43'16	
morning set	-127 May 27 j 00:55	23°♉02'51	
	-127 May 30 j 06:58	0°♊	
superior conj	-127 Jun 03 j 02:08	8°♊15'05	1°09'32
minimum elong	-127 Jun 02 j 23:42	8°♊01'55	1°09'08
max. Earth dist.	-127 Jun 04 j 16:02	11°♊40'01	1.33059 AU
evening rise	-127 Jun 10 j 09:49	23°♊43'37	
	-127 Jun 13 j 13:29	0°♋	
	-127 Jul 01 j 12:02	0°♌	
desc. node	-127 Jul 05 j 14:45	5°♌28'05	
evening max el	-127 Jul 13 j 06:21	13°♌59'11	27°24'42
retrograde	-127 Jul 26 j 23:52	21°♌18'28	
evening set	-127 Aug 03 j 04:47	18°♌43'34	
min. Earth dist.	-127 Aug 06 j 18:57	15°♌41'36	0.63056 AU
inferior conj	-127 Aug 09 j 13:33	12°♌57'55	-3°-49'-36
minimum elong	-127 Aug 09 j 18:18	12°♌46'13	3°48'27
morning rise	-127 Aug 16 j 10:10	7°♌45'16	
direct	-127 Aug 18 j 21:37	7°♌16'28	
asc. node	-127 Aug 22 j 20:22	8°♌30'53	
morning max el	-127 Aug 25 j 12:58	10°♌41'43	17°53'13
	-127 Sep 07 j 10:47	0°♍	
morning set	-127 Sep 10 j 21:59	6°♍06'12	
superior conj	-127 Sep 22 j 16:26	26°♍25'19	0°56'57
minimum elong	-127 Sep 22 j 21:19	26°♍45'47	0°56'20
	-127 Sep 24 j 20:04	0°♎	
max. Earth dist.	-127 Sep 29 j 07:01	7°♎16'17	1.43607 AU
desc. node	-127 Oct 01 j 14:02	10°♎56'47	
evening rise	-127 Oct 08 j 02:55	21°♎12'34	
	-127 Oct 13 j 20:40	0°♏	
greatest brilliancy	-127 Nov 01 j 10:26	26°♏38'12	-0.5m
	-127 Nov 04 j 03:57	0°♐	
evening max el	-127 Nov 06 j 19:10	2°♐54'37	21°05'14
retrograde	-127 Nov 15 j 07:37	7°♐58'03	
asc. node	-127 Nov 18 j 19:36	6°♐48'55	
evening set	-127 Nov 19 j 07:20	6°♐27'59	
inferior conj	-127 Nov 24 j 17:28	0°♐13'18	1°55'48
minimum elong	-127 Nov 24 j 15:07	0°♐21'20	1°54'57
	-127 Nov 24 j 21:20	30°℞♏	
min. Earth dist.	-127 Nov 25 j 03:05	29°♏40'15	0.67378 AU
morning rise	-127 Nov 29 j 22:33	23°♏57'38	
direct	-127 Dec 05 j 04:01	21°♏42'23	
morning max el	-127 Dec 15 j 20:56	28°♏05'25	23°46'55
	-127 Dec 17 j 16:30	0°♐	
desc. node	-127 Dec 28 j 13:16	13°♐39'59	
	-126 Jan 08 j 16:54	0°♑	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-126 Jan 20 j 06:43	18°♑46'24	
max. Earth dist.	-126 Jan 24 j 06:11	25°♑40'56	1.38665 AU
	-126 Jan 26 j 16:07	0°♒	
superior conj	-126 Jan 31 j 14:35	9°♒07'20	-1°-50'-46
minimum elong	-126 Jan 31 j 17:59	9°♒23'24	1°50'32
evening rise	-126 Feb 09 j 16:57	26°♒43'40	
	-126 Feb 11 j 09:22	0°♓	
asc. node	-126 Feb 14 j 18:56	6°♓26'38	
evening max el	-126 Feb 26 j 02:11	23°♓08'26	18°48'35
retrograde	-126 Mar 06 j 06:18	27°♓05'56	
evening set	-126 Mar 08 j 13:24	26°♓48'24	
inferior conj	-126 Mar 16 j 09:53	22°♓28'08	2°35'57
minimum elong	-126 Mar 16 j 14:16	22°♓20'07	2°34'50
min. Earth dist.	-126 Mar 19 j 16:49	20°♓04'31	0.57447 AU
morning rise	-126 Mar 24 j 10:54	17°♓17'49	
desc. node	-126 Mar 26 j 12:29	16°♓33'02	
direct	-126 Mar 29 j 23:06	16°♓03'52	
morning max el	-126 Apr 13 j 07:03	23°♓33'35	26°05'08
	-126 Apr 19 j 02:21	0°♈	
	-126 May 07 j 14:26	0°♉	
morning set	-126 May 11 j 12:21	7°♉59'40	
asc. node	-126 May 13 j 18:13	12°♉46'20	
superior conj	-126 May 18 j 13:18	23°♉13'51	0°48'47
minimum elong	-126 May 18 j 11:21	23°♉03'09	0°48'24
max. Earth dist.	-126 May 19 j 02:35	24°♉26'38	1.32513 AU
	-126 May 21 j 15:47	0°♊	
evening rise	-126 May 25 j 14:34	8°♊23'34	
	-126 Jun 05 j 23:37	0°♋	
desc. node	-126 Jun 22 j 11:47	23°♋18'34	
evening max el	-126 Jun 25 j 11:46	26°♋22'30	27°01'11
	-126 Jun 29 j 19:45	0°♌	
retrograde	-126 Jul 09 j 10:15	3°♌39'33	
evening set	-126 Jul 16 j 09:54	1°♌28'26	
	-126 Jul 18 j 13:10	30°℞♋	
min. Earth dist.	-126 Jul 20 j 01:50	28°♋46'49	0.61130 AU
inferior conj	-126 Jul 23 j 06:47	26°♋00'08	-4°-26'-38
minimum elong	-126 Jul 23 j 10:30	25°♋52'00	4°26'07
morning rise	-126 Jul 30 j 14:07	21°♋08'41	
direct	-126 Aug 02 j 00:20	20°♋44'52	
morning max el	-126 Aug 09 j 02:33	24°♋15'42	18°01'29
asc. node	-126 Aug 09 j 17:25	24°♋53'08	
	-126 Aug 13 j 18:53	0°♌	
morning set	-126 Aug 24 j 23:19	19°♌17'05	
	-126 Aug 30 j 19:17	0°♍	
superior conj	-126 Sep 04 j 03:51	7°♍47'53	1°25'37
minimum elong	-126 Sep 04 j 08:14	8°♍07'11	1°25'12
max. Earth dist.	-126 Sep 11 j 17:24	20°♍45'08	1.42011 AU
	-126 Sep 17 j 09:35	0°♎	
evening rise	-126 Sep 17 j 18:28	0°♎35'26	
desc. node	-126 Sep 18 j 11:05	1°♎41'26	
	-126 Oct 07 j 10:07	0°♏	
greatest brilliancy	-126 Oct 15 j 19:42	11°♏03'52	-0.3m
evening max el	-126 Oct 20 j 13:25	16°♏23'35	22°20'55
retrograde	-126 Oct 30 j 03:18	22°♏05'21	
evening set	-126 Nov 03 j 15:03	20°♏18'05	
asc. node	-126 Nov 05 j 16:37	18°♏16'21	
inferior conj	-126 Nov 09 j 00:22	13°♏56'56	1°07'33
minimum elong	-126 Nov 08 j 22:51	14°♏02'08	1°06'56
min. Earth dist.	-126 Nov 08 j 23:09	14°♏01'06	0.67651 AU
morning rise	-126 Nov 14 j 06:31	7°♏42'43	
direct	-126 Nov 18 j 20:53	5°♏49'50	
morning max el	-126 Nov 28 j 08:07	11°♏26'01	22°19'31
greatest brilliancy	-126 Dec 02 j 23:31	16°♏38'52	-0.3m
	-126 Dec 12 j 23:24	0°♐	
desc. node	-126 Dec 15 j 10:18	3°♐31'46	
morning set	-126 Dec 31 j 15:51	28°♐28'55	
	-125 Jan 01 j 14:14	0°♑	
max. Earth dist.	-125 Jan 06 j 02:37	7°♑29'38	1.40786 AU
superior conj	-125 Jan 13 j 21:56	21°♑03'32	-2°00'-59
minimum elong	-125 Jan 13 j 23:06	21°♑08'47	2°00'58
	-125 Jan 18 j 19:49	0°♒	
evening rise	-125 Jan 24 j 03:11	9°♒54'32	
asc. node	-125 Feb 01 j 15:57	25°♒20'47	
	-125 Feb 04 j 14:59	0°♓	
evening max el	-125 Feb 09 j 08:34	5°♓50'43	18°18'18
retrograde	-125 Feb 16 j 12:20	9°♓24'11	
evening set	-125 Feb 19 j 00:17	8°♓59'11	
inferior conj	-125 Feb 26 j 03:46	4°♓17'53	3°27'48
minimum elong	-125 Feb 26 j 06:46	4°♓11'28	3°27'21
min. Earth dist.	-125 Mar 01 j 13:42	1°♓24'07	0.59453 AU
	-125 Mar 03 j 09:43	30°℞♒	
morning rise	-125 Mar 05 j 09:41	28°♒42'41	
direct	-125 Mar 11 j 19:57	26°♒50'56	
desc. node	-125 Mar 13 j 09:30	26°♒57'23	
	-125 Mar 20 j 15:25	0°♓	
morning max el	-125 Mar 26 j 03:14	4°♓34'50	27°12'04
	-125 Apr 13 j 20:25	0°♈	
morning set	-125 Apr 25 j 21:34	22°♈48'40	
	-125 Apr 29 j 06:49	0°♉	
asc. node	-125 Apr 30 j 15:16	2°♉55'54	
max. Earth dist.	-125 May 02 j 15:23	7°♉19'10	1.32332 AU
superior conj	-125 May 03 j 01:05	8°♉12'22	0°25'16
minimum elong	-125 May 02 j 23:58	8°♉06'17	0°25'02
evening rise	-125 May 09 j 23:41	23°♉15'07	
	-125 May 13 j 06:23	0°♊	
	-125 May 31 j 08:02	0°♋	
evening max el	-125 Jun 07 j 10:56	8°♋02'17	26°05'24
desc. node	-125 Jun 09 j 08:49	9°♋45'48	
retrograde	-125 Jun 21 j 12:00	15°♋15'09	
evening set	-125 Jun 27 j 18:08	13°♋39'42	
min. Earth dist.	-125 Jul 01 j 23:43	11°♋01'38	0.59075 AU
inferior conj	-125 Jul 05 j 07:32	8°♋31'27	-4°-44'-15
minimum elong	-125 Jul 05 j 08:12	8°♋30'10	4°44'16
morning rise	-125 Jul 13 j 01:50	4°♋02'36	
direct	-125 Jul 15 j 13:08	3°♋41'51	
morning max el	-125 Jul 23 j 10:56	7°♋28'36	18°29'34
asc. node	-125 Jul 27 j 14:28	12°♋19'45	
	-125 Aug 06 j 22:41	0°♌	
morning set	-125 Aug 08 j 13:33	3°♌06'13	
superior conj	-125 Aug 17 j 14:21	20°♌19'16	1°41'42
minimum elong	-125 Aug 17 j 16:42	20°♌30'11	1°41'34
	-125 Aug 22 j 22:20	0°♍	
max. Earth dist.	-125 Aug 24 j 22:52	3°♍32'51	1.40084 AU
evening rise	-125 Aug 29 j 07:59	11°♍00'23	
desc. node	-125 Sep 05 j 08:08	22°♍20'17	
	-125 Sep 10 j 07:54	0°♎	
evening max el	-125 Oct 03 j 03:27	29°♎55'41	23°40'59
	-125 Oct 03 j 05:11	0°♏	
retrograde	-125 Oct 13 j 19:53	6°♏13'39	
evening set	-125 Oct 18 j 21:25	4°♏08'12	
	-125 Oct 22 j 15:06	30°℞♎	
asc. node	-125 Oct 23 j 13:39	28°♎44'34	
inferior conj	-125 Oct 24 j 07:19	27°♎44'26	0°15'13
minimum elong	-125 Oct 24 j 06:57	27°♎45'41	0°15'03
transit middle	-125 Oct 24 j 06:57	27°♎45'41	0°15'03
transit begin	-125 Oct 24 j 05:54	27°♎49'14	
transit end	-125 Oct 24 j 07:59	27°♎42'08	
min. Earth dist.	-125 Oct 23 j 19:43	28°♎23'58	0.67602 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning rise	-125 Oct 29 j 16:36	21°♎34'25		
direct	-125 Nov 02 j 16:59	20°♎03'39		
morning max el	-125 Nov 11 j 01:22	24°♎55'40	20°58'49	
	-125 Nov 15 j 12:16	0°♏		
greatest brilliancy	-125 Nov 16 j 16:01	1°♏27'42	-0.5m	
desc. node	-125 Dec 02 j 07:22	23°♏44'29		
	-125 Dec 06 j 10:12	0°♐		
morning set	-125 Dec 10 j 22:14	6°♐57'59		
max. Earth dist.	-125 Dec 19 j 06:32	20°♐16'31	1.42698 AU	
	-125 Dec 25 j 03:28	0°♑		
superior conj	-125 Dec 26 j 06:14	1°♑53'08	-1°-58'-20	
minimum elong	-125 Dec 26 j 03:07	1°♑39'53	1°58'14	
evening rise	-124 Jan 06 j 23:15	22°♑22'45		
	-124 Jan 11 j 05:44	0°♒		
asc. node	-124 Jan 19 j 12:59	13°♒39'21		
evening max el	-124 Jan 23 j 19:30	18°♒53'52	18°07'42	
retrograde	-124 Jan 30 j 10:20	22°♒18'53		
evening set	-124 Feb 02 j 02:36	21°♒45'12		
inferior conj	-124 Feb 08 j 16:22	16°♒42'04	3°49'05	
minimum elong	-124 Feb 08 j 17:05	16°♒40'17	3°49'03	
min. Earth dist.	-124 Feb 11 j 17:33	13°♒43'11	0.61550 AU	
morning rise	-124 Feb 15 j 05:04	10°♒50'19		
direct	-124 Feb 22 j 03:00	8°♒25'35		
desc. node	-124 Feb 28 j 06:33	10°♒06'47		
morning max el	-124 Mar 07 j 05:44	16°♒15'58	27°44'47	
	-124 Mar 18 j 13:07	0°♓		
	-124 Apr 05 j 09:58	0°♈		
morning set	-124 Apr 09 j 02:35	7°♈22'09		
max. Earth dist.	-124 Apr 15 j 02:30	20°♈03'02	1.32521 AU	
superior conj	-124 Apr 16 j 11:42	23°♈03'33	0°00'-15	
minimum elong	-124 Apr 16 j 11:43	23°♈03'37	0°00'15	
behind sun begin	-124 Apr 16 j 06:38	22°♈35'55		
behind sun end	-124 Apr 16 j 16:48	23°♈31'21		
asc. node	-124 Apr 16 j 12:18	23°♈06'53		
	-124 Apr 19 j 16:00	0°♉		
evening rise	-124 Apr 23 j 11:01	8°♉09'47		
	-124 May 04 j 20:53	0°♊		
evening max el	-124 May 19 j 03:42	18°♊59'35	24°43'50	
desc. node	-124 May 26 j 05:50	24°♊16'04		
retrograde	-124 Jun 02 j 02:40	26°♊03'41		
evening set	-124 Jun 07 j 03:12	25°♊06'35		
min. Earth dist.	-124 Jun 12 j 15:08	22°♊14'58	0.57148 AU	
inferior conj	-124 Jun 15 j 12:40	20°♊21'31	-4°-30'-36	
minimum elong	-124 Jun 15 j 08:42	20°♊28'03	4°30'09	
morning rise	-124 Jun 23 j 18:02	16°♊13'54		
direct	-124 Jun 26 j 07:57	15°♊55'08		
morning max el	-124 Jul 05 j 11:08	20°♊10'15	19°18'34	
asc. node	-124 Jul 13 j 11:32	0°♋35'58		
	-124 Jul 13 j 02:38	0°♋		
morning set	-124 Jul 22 j 12:50	17°♋22'45		
	-124 Jul 28 j 20:43	0°♌		
superior conj	-124 Jul 30 j 18:11	3°♌43'03	1°47'10	
minimum elong	-124 Jul 30 j 18:26	3°♌44'18	1°47'10	
max. Earth dist.	-124 Aug 06 j 02:09	15°♌42'05	1.38073 AU	
evening rise	-124 Aug 09 j 22:15	22°♌35'24		
	-124 Aug 14 j 05:50	0°♍		
desc. node	-124 Aug 22 j 05:11	12°♍48'34		
	-124 Sep 03 j 04:20	0°♎		
evening max el	-124 Sep 14 j 15:17	13°♎31'02	24°58'53	
retrograde	-124 Sep 26 j 08:25	20°♎18'55		
evening set	-124 Oct 02 j 00:44	17°♎55'58		
min. Earth dist.	-124 Oct 06 j 14:21	12°♎46'39	0.67226 AU	
inferior conj	-124 Oct 07 j 12:34	11°♎33'33	0°-39'-46	
minimum elong	-124 Oct 07 j 13:33	11°♎30'17	0°39'22	

asc. node	-124 Oct 09 j 10:43	9°♎05'44		
morning rise	-124 Oct 13 j 02:51	5°♎30'31		
direct	-124 Oct 16 j 14:58	4°♎19'39		
morning max el	-124 Oct 24 j 02:23	8°♎36'07	19°50'00	
greatest brilliancy	-124 Oct 31 j 19:32	18°♎10'22	-0.6m	
	-124 Nov 08 j 21:28	0°♏		
desc. node	-124 Nov 18 j 04:26	14°♏12'08		
morning set	-124 Nov 18 j 18:59	15°♏08'23		
	-124 Nov 28 j 07:22	0°♐		
max. Earth dist.	-124 Nov 30 j 18:17	3°♐53'32	1.44129 AU	
superior conj	-124 Dec 05 j 11:47	11°♐29'00	-1°-38'-33	
minimum elong	-124 Dec 05 j 04:14	10°♐58'28	1°37'57	
	-124 Dec 16 j 16:08	0°♑		
evening rise	-124 Dec 19 j 00:52	4°♑00'40		
	-123 Jan 04 j 09:23	0°♒		
asc. node	-123 Jan 05 j 10:02	1°♒12'03		
evening max el	-123 Jan 06 j 08:03	2°♒10'38	18°16'14	
retrograde	-123 Jan 12 j 19:49	5°♒40'22		
evening set	-123 Jan 15 j 16:25	4°♒57'10		
	-123 Jan 21 j 10:17	30°℞♑		
inferior conj	-123 Jan 21 j 19:50	29°♑33'38	3°47'29	
minimum elong	-123 Jan 21 j 18:38	29°♑36'57	3°47'24	
min. Earth dist.	-123 Jan 24 j 06:50	26°♑51'01	0.63468 AU	
morning rise	-123 Jan 27 j 19:10	23°♑31'12		
direct	-123 Feb 03 j 18:23	20°♑45'56		
desc. node	-123 Feb 14 j 03:35	25°♑30'46		
morning max el	-123 Feb 17 j 13:17	28°♑37'10	27°40'23	
	-123 Feb 18 j 21:37	0°♒		
	-123 Mar 12 j 08:24	0°♓		
morning set	-123 Mar 24 j 01:05	21°♓32'38		
	-123 Mar 28 j 04:22	0°♈		
max. Earth dist.	-123 Mar 29 j 07:58	2°♈24'57	1.33107 AU	
superior conj	-123 Mar 31 j 19:29	7°♈41'53	0°-26'-55	
minimum elong	-123 Mar 31 j 20:46	7°♈48'49	0°26'40	
asc. node	-123 Apr 03 j 09:22	13°♈15'18		
evening rise	-123 Apr 07 j 22:47	23°♈01'11		
	-123 Apr 11 j 08:03	0°♉		
evening max el	-123 Apr 30 j 18:13	29°♉33'45	23°09'20	
	-123 May 01 j 05:16	0°♊		
desc. node	-123 May 13 j 02:51	6°♊13'02		
retrograde	-123 May 14 j 05:03	6°♊15'44		
evening set	-123 May 17 j 18:56	5°♊47'39		
min. Earth dist.	-123 May 25 j 03:51	2°♊28'41	0.55684 AU	
inferior conj	-123 May 26 j 22:04	1°♊27'03	-3°-33'-53	
minimum elong	-123 May 26 j 14:54	1°♊37'32	3°32'08	
	-123 May 29 j 11:12	30°℞♉		
morning rise	-123 Jun 04 j 14:04	27°♉32'46		
direct	-123 Jun 07 j 07:37	27°♉14'52		
	-123 Jun 15 j 07:26	0°♊		
morning max el	-123 Jun 18 j 00:54	2°♊12'36	20°28'29	
asc. node	-123 Jun 30 j 08:37	19°♊30'01		
	-123 Jul 05 j 18:53	0°♋		
morning set	-123 Jul 06 j 18:18	1°♋59'00		
superior conj	-123 Jul 14 j 10:26	17°♋45'11	1°44'13	
minimum elong	-123 Jul 14 j 09:08	17°♋38'35	1°44'09	
max. Earth dist.	-123 Jul 19 j 08:29	27°♋31'25	1.36216 AU	
	-123 Jul 20 j 15:23	0°♌		
evening rise	-123 Jul 23 j 10:04	5°♌13'17		
	-123 Aug 07 j 02:27	0°♍		
desc. node	-123 Aug 09 j 02:12	3°♍00'44		
evening max el	-123 Aug 28 j 02:44	27°♍07'19	26°07'01	
	-123 Aug 31 j 07:58	0°♎		
retrograde	-123 Sep 09 j 16:18	4°♎15'35		
evening set	-123 Sep 15 j 23:04	1°♎38'28		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-123 Sep 17 j 16:27	30°℞♍	
min. Earth dist.	-123 Sep 20 j 04:39	27°♍05'59	0.66517 AU
inferior conj	-123 Sep 21 j 14:16	25°♍21'19	-1°-35'-54
minimum elong	-123 Sep 21 j 16:42	25°♍13'44	1°34'55
asc. node	-123 Sep 26 j 07:48	20°♍15'26	
morning rise	-123 Sep 27 j 11:16	19°♍28'12	
direct	-123 Sep 30 j 13:16	18°♍33'45	
morning max el	-123 Oct 07 j 10:29	22°♍24'43	18°55'45
	-123 Oct 13 j 13:16	0°♎	
morning set	-123 Oct 29 j 06:24	24°♎08'10	
	-123 Nov 01 j 23:48	0°♏	
desc. node	-123 Nov 05 j 01:28	4°♏49'27	
max. Earth dist.	-123 Nov 13 j 10:53	18°♏00'30	1.44909 AU
superior conj	-123 Nov 14 j 18:31	20°♏05'06	-1°00'-52
minimum elong	-123 Nov 14 j 11:11	19°♏36'13	1°00'00
	-123 Nov 21 j 00:49	0°♐	
evening rise	-123 Nov 30 j 03:55	14°♐40'16	
	-123 Dec 09 j 15:26	0°♑	
evening max el	-123 Dec 20 j 19:32	15°♑34'21	18°43'08
asc. node	-123 Dec 23 j 07:05	17°♑44'59	
retrograde	-123 Dec 27 j 12:25	19°♑19'40	
evening set	-123 Dec 30 j 14:21	18°♑25'45	
inferior conj	-122 Jan 05 j 10:13	12°♑44'15	3°29'30
minimum elong	-122 Jan 05 j 07:52	12°♑51'25	3°29'06
min. Earth dist.	-122 Jan 07 j 05:56	10°♑31'55	0.65056 AU
morning rise	-122 Jan 11 j 00:14	6°♑34'59	
direct	-122 Jan 17 j 16:53	3°♑43'51	
morning max el	-122 Jan 30 j 22:59	11°♑27'15	27°02'18
desc. node	-122 Feb 01 j 00:38	12°♑32'57	
	-122 Feb 14 j 18:13	0°♒	
	-122 Mar 04 j 20:30	0°♓	
morning set	-122 Mar 07 j 13:56	5°♓10'02	
max. Earth dist.	-122 Mar 12 j 03:48	14°♓13'36	1.34124 AU
superior conj	-122 Mar 15 j 22:22	22°♓00'48	0°-53'-39
minimum elong	-122 Mar 16 j 00:56	22°♓14'12	0°53'11
	-122 Mar 19 j 17:13	0°♈	
asc. node	-122 Mar 21 j 06:25	3°♈16'51	
evening rise	-122 Mar 23 j 09:05	7°♈42'51	
	-122 Apr 04 j 09:27	0°♉	
evening max el	-122 Apr 12 j 13:50	10°♉16'12	21°36'44
retrograde	-122 Apr 24 j 20:58	16°♉15'51	
evening set	-122 Apr 27 j 09:00	16°♉01'42	
desc. node	-122 Apr 29 j 23:50	15°♉18'56	
inferior conj	-122 May 06 j 18:10	12°♉00'02	-1°-54'-22
minimum elong	-122 May 06 j 12:56	12°♉07'22	1°52'37
min. Earth dist.	-122 May 06 j 16:45	12°♉02'02	0.55007 AU
morning rise	-122 May 15 j 17:34	8°♉02'24	
direct	-122 May 18 j 18:59	7°♉41'52	
morning max el	-122 May 31 j 03:41	13°♉32'20	21°56'41
	-122 Jun 12 j 10:21	0°♊	
asc. node	-122 Jun 17 j 05:41	8°♊52'34	
morning set	-122 Jun 21 j 03:45	16°♊48'43	
	-122 Jun 27 j 09:48	0°♋	
superior conj	-122 Jun 28 j 11:20	2°♋14'20	1°34'40
minimum elong	-122 Jun 28 j 09:08	2°♋02'46	1°34'27
max. Earth dist.	-122 Jul 01 j 23:00	9°♋27'22	1.34681 AU
evening rise	-122 Jul 06 j 14:35	18°♋41'25	
	-122 Jul 12 j 17:04	0°♌	
desc. node	-122 Jul 26 j 23:12	22°♌49'38	
	-122 Aug 01 j 05:50	0°♍	
evening max el	-122 Aug 10 j 14:36	10°♍39'04	26°57'40
retrograde	-122 Aug 23 j 19:01	17°♍57'12	
evening set	-122 Aug 30 j 14:10	15°♍12'43	
min. Earth dist.	-122 Sep 03 j 12:24	11°♍17'43	0.65453 AU
inferior conj	-122 Sep 05 j 10:24	9°♍04'51	-2°-31'-9
minimum elong	-122 Sep 05 j 14:10	8°♍53'58	2°29'48
morning rise	-122 Sep 11 j 15:37	3°♍24'39	
asc. node	-122 Sep 13 j 04:51	2°♍50'54	
direct	-122 Sep 14 j 09:55	2°♍42'49	
morning max el	-122 Sep 20 j 23:37	6°♍17'28	18°17'45
	-122 Oct 07 j 03:18	0°♎	
morning set	-122 Oct 09 j 21:42	4°♎31'53	
desc. node	-122 Oct 22 j 22:30	25°♎33'17	
superior conj	-122 Oct 24 j 19:46	28°♎32'31	0°-12'-22
minimum elong	-122 Oct 24 j 18:09	28°♎26'08	0°12'10
behind sun begin	-122 Oct 24 j 10:42	27°♎56'39	
behind sun end	-122 Oct 25 j 01:37	28°♎55'36	
	-122 Oct 25 j 17:55	0°♏	
max. Earth dist.	-122 Oct 27 j 05:21	2°♏19'37	1.44965 AU
evening rise	-122 Nov 10 j 07:19	24°♏22'16	
	-122 Nov 13 j 21:49	0°♐	
greatest brilliancy	-122 Nov 25 j 08:56	17°♐35'11	-0.7m
evening max el	-122 Dec 04 j 03:47	29°♐01'40	19°27'02
	-122 Dec 05 j 03:30	0°♑	
asc. node	-122 Dec 10 j 04:07	3°♑03'31	
retrograde	-122 Dec 11 j 08:49	3°♑11'31	
evening set	-122 Dec 14 j 17:40	2°♑05'10	
	-122 Dec 17 j 03:37	30°℞♐	
inferior conj	-122 Dec 20 j 08:20	26°♐08'27	2°59'42
minimum elong	-122 Dec 20 j 05:32	26°♐17'31	2°58'59
min. Earth dist.	-122 Dec 21 j 13:37	24°♐33'32	0.66261 AU
morning rise	-122 Dec 25 j 16:36	19°♐55'04	
direct	-122 Dec 31 j 21:34	17°♐11'09	
morning max el	-121 Jan 13 j 08:17	24°♐33'25	25°57'59
	-121 Jan 18 j 06:38	0°♑	
desc. node	-121 Jan 18 j 21:41	0°♑45'06	
	-121 Feb 08 j 04:39	0°♒	
morning set	-121 Feb 18 j 12:57	18°♒01'46	
max. Earth dist.	-121 Feb 22 j 11:37	25°♒28'33	1.35596 AU
	-121 Feb 24 j 19:15	0°♓	
superior conj	-121 Feb 27 j 17:54	5°♓53'09	-1°-18'-58
minimum elong	-121 Feb 27 j 21:27	6°♓11'07	1°18'27
evening rise	-121 Mar 07 j 15:59	22°♓08'36	
asc. node	-121 Mar 08 j 03:27	23°♓07'07	
	-121 Mar 11 j 14:13	0°♈	
evening max el	-121 Mar 25 j 19:47	21°♈30'21	20°16'50
retrograde	-121 Apr 05 j 10:45	26°♈36'24	
evening set	-121 Apr 07 j 13:43	26°♈25'04	
inferior conj	-121 Apr 16 j 14:11	22°♈27'03	0°04'46
minimum elong	-121 Apr 16 j 14:24	22°♈26'44	0°04'42
transit middle	-121 Apr 16 j 14:24	22°♈26'44	0°04'42
transit begin	-121 Apr 16 j 10:33	22°♈32'25	
transit end	-121 Apr 16 j 18:15	22°♈21'02	
desc. node	-121 Apr 16 j 20:52	22°♈17'10	
min. Earth dist.	-121 Apr 18 j 06:32	21°♈27'35	0.55293 AU
morning rise	-121 Apr 25 j 12:43	18°♈07'32	
direct	-121 Apr 29 j 07:50	17°♈36'06	
morning max el	-121 May 12 j 21:39	24°♈16'05	23°36'12
	-121 May 18 j 02:56	0°♉	
asc. node	-121 Jun 04 j 02:43	28°♉35'33	
	-121 Jun 04 j 19:03	0°♊	
morning set	-121 Jun 05 j 15:15	1°♊45'33	
superior conj	-121 Jun 12 j 17:55	17°♊00'33	1°19'56
minimum elong	-121 Jun 12 j 15:25	16°♊47'07	1°19'35
max. Earth dist.	-121 Jun 14 j 23:08	21°♊44'43	1.33538 AU
	-121 Jun 18 j 22:21	0°♋	
evening rise	-121 Jun 20 j 07:14	2°♋45'56	
	-121 Jul 05 j 13:01	0°♌	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-121 Jul 13 j 20:13	12°♌04'32	
evening max el	-121 Jul 24 j 01:55	23°♌54'42	27°23'34
	-121 Aug 01 j 11:15	0°♍	
retrograde	-121 Aug 06 j 15:51	1°♍14'25	
	-121 Aug 11 j 12:22	30°℞♌	
evening set	-121 Aug 13 j 19:04	28°♌32'43	
min. Earth dist.	-121 Aug 17 j 11:24	25°♌13'01	0.64028 AU
inferior conj	-121 Aug 19 j 22:28	22°♌38'02	-3°-22'-55
minimum elong	-121 Aug 20 j 03:07	22°♌25'49	3°21'34
morning rise	-121 Aug 26 j 13:09	17°♌14'05	
direct	-121 Aug 29 j 02:23	16°♌41'20	
asc. node	-121 Aug 31 j 01:54	17°♌01'17	
morning max el	-121 Sep 04 j 15:07	20°♌07'45	17°56'59
	-121 Sep 12 j 00:09	0°♍	
morning set	-121 Sep 21 j 16:06	16°♍14'07	
	-121 Sep 29 j 18:59	0°♎	
superior conj	-121 Oct 04 j 12:52	7°♎49'27	0°34'30
minimum elong	-121 Oct 04 j 16:32	8°♎04'24	0°34'00
desc. node	-121 Oct 09 j 19:32	16°♎19'53	
max. Earth dist.	-121 Oct 09 j 22:59	16°♎33'38	1.44296 AU
	-121 Oct 18 j 12:28	0°♏	
evening rise	-121 Oct 20 j 17:24	3°♏24'23	
	-121 Nov 07 j 11:21	0°♐	
greatest brilliancy	-121 Nov 11 j 01:34	4°♐58'32	-0.5m
evening max el	-121 Nov 17 j 07:05	12°♐30'15	20°25'51
retrograde	-121 Nov 25 j 06:25	17°♐12'05	
asc. node	-121 Nov 27 j 01:08	16°♐54'03	
evening set	-121 Nov 29 j 00:11	15°♐51'11	
inferior conj	-121 Dec 04 j 11:30	9°♐42'16	2°21'09
minimum elong	-121 Dec 04 j 08:51	9°♐51'13	2°20'16
min. Earth dist.	-121 Dec 05 j 03:53	8°♐46'50	0.67080 AU
morning rise	-121 Dec 09 j 17:02	3°♐27'00	
direct	-121 Dec 15 j 07:28	0°♐59'39	
morning max el	-121 Dec 26 j 16:37	7°♐46'42	24°37'02
desc. node	-120 Jan 05 j 18:44	19°♐46'47	
	-120 Jan 13 j 02:20	0°♑	
morning set	-120 Jan 31 j 16:39	29°♑52'11	
	-120 Jan 31 j 18:26	0°♒	
max. Earth dist.	-120 Feb 04 j 09:45	6°♒31'13	1.37473 AU
superior conj	-120 Feb 11 j 02:54	19°♒10'03	-1°-40'-50
minimum elong	-120 Feb 11 j 06:43	19°♒28'35	1°40'27
	-120 Feb 16 j 14:38	0°♓	
evening rise	-120 Feb 19 j 17:11	6°♓11'56	
asc. node	-120 Feb 23 j 00:28	12°♓41'05	
	-120 Mar 04 j 12:00	0°♈	
evening max el	-120 Mar 07 j 12:56	3°♈23'08	19°15'03
retrograde	-120 Mar 16 j 11:50	7°♈41'29	
evening set	-120 Mar 18 j 16:33	7°♈27'05	
inferior conj	-120 Mar 26 j 23:43	3°♈17'12	1°50'01
minimum elong	-120 Mar 27 j 03:40	3°♈10'34	1°48'49
min. Earth dist.	-120 Mar 29 j 21:31	1°♈20'54	0.56471 AU
	-120 Apr 01 j 02:42	30°℞♓	
desc. node	-120 Apr 02 j 17:53	29°♓08'53	
morning rise	-120 Apr 04 j 10:50	28°♓25'35	
direct	-120 Apr 09 j 07:46	27°♓30'51	
	-120 Apr 17 j 10:20	0°♈	
morning max el	-120 Apr 23 j 12:14	4°♈45'59	25°14'50
	-120 May 11 j 14:27	0°♉	
morning set	-120 May 20 j 03:12	16°♉44'22	
asc. node	-120 May 20 j 23:46	18°♉33'09	
	-120 May 26 j 06:36	0°♊	
superior conj	-120 May 27 j 03:59	1°♊56'44	1°01'07
minimum elong	-120 May 27 j 01:42	1°♊44'19	1°00'43
max. Earth dist.	-120 May 28 j 07:03	4°♊24'13	1.32785 AU
evening rise	-120 Jun 03 j 08:27	17°♊15'58	
	-120 Jun 09 j 20:26	0°♋	
	-120 Jun 29 j 06:51	0°♌	
desc. node	-120 Jun 29 j 17:13	0°♌31'12	
evening max el	-120 Jul 05 j 10:22	6°♌40'54	27°18'50
retrograde	-120 Jul 19 j 06:00	13°♌58'26	
evening set	-120 Jul 26 j 10:05	11°♌32'13	
min. Earth dist.	-120 Jul 30 j 00:06	8°♌40'34	0.62268 AU
inferior conj	-120 Aug 01 j 23:33	5°♌53'54	-4°-7'-4
minimum elong	-120 Aug 02 j 04:05	5°♌43'16	4°06'10
morning rise	-120 Aug 09 j 00:37	0°♌49'42	
direct	-120 Aug 11 j 11:22	0°♌23'08	
asc. node	-120 Aug 16 j 22:57	2°♌39'20	
morning max el	-120 Aug 18 j 06:12	3°♌49'29	17°54'23
morning set	-120 Sep 03 j 07:48	28°♌57'18	
	-120 Sep 03 j 21:44	0°♍	
superior conj	-120 Sep 14 j 08:45	18°♍25'54	1°10'44
minimum elong	-120 Sep 14 j 13:45	18°♍47'14	1°10'10
	-120 Sep 21 j 06:52	0°♎	
max. Earth dist.	-120 Sep 21 j 13:08	0°♎25'35	1.42988 AU
desc. node	-120 Sep 25 j 16:33	7°♎06'07	
evening rise	-120 Sep 29 j 01:45	12°♎26'17	
	-120 Oct 10 j 15:12	0°♏	
greatest brilliancy	-120 Oct 25 j 06:23	20°♏20'15	-0.4m
evening max el	-120 Oct 30 j 04:35	25°♏58'59	21°36'32
	-120 Nov 04 j 00:49	0°♐	
retrograde	-120 Nov 08 j 03:16	1°♐18'05	
	-120 Nov 11 j 21:34	30°℞♏	
evening set	-120 Nov 12 j 07:58	29°♏40'41	
asc. node	-120 Nov 12 j 22:10	29°♏11'00	
inferior conj	-120 Nov 17 j 17:35	23°♏22'52	1°35'57
minimum elong	-120 Nov 17 j 15:33	23°♏29'53	1°35'09
min. Earth dist.	-120 Nov 17 j 22:26	23°♏06'06	0.67539 AU
morning rise	-120 Nov 22 j 22:53	17°♏07'48	
direct	-120 Nov 27 j 21:54	15°♏02'03	
morning max el	-120 Dec 08 j 01:55	21°♏04'38	23°09'24
greatest brilliancy	-120 Dec 13 j 01:10	26°♏38'40	-0.3m
	-120 Dec 15 j 17:32	0°♐	
desc. node	-120 Dec 22 j 15:46	9°♐23'23	
	-119 Jan 05 j 09:07	0°♑	
morning set	-119 Jan 11 j 18:41	10°♑24'15	
max. Earth dist.	-119 Jan 16 j 05:10	17°♑56'45	1.39581 AU
	-119 Jan 22 j 23:27	0°♒	
superior conj	-119 Jan 23 j 21:04	1°♒39'25	-1°-56'-23
minimum elong	-119 Jan 23 j 23:47	1°♒51'57	1°56'15
evening rise	-119 Feb 02 j 09:52	19°♒44'38	
	-119 Feb 07 j 20:34	0°♓	
asc. node	-119 Feb 08 j 21:30	1°♓52'03	
evening max el	-119 Feb 18 j 15:15	15°♓49'20	18°33'09
retrograde	-119 Feb 26 j 07:32	19°♓34'49	
evening set	-119 Feb 28 j 16:46	19°♓14'17	
inferior conj	-119 Mar 08 j 05:37	14°♓44'55	3°02'10
minimum elong	-119 Mar 08 j 09:38	14°♓37'00	3°01'18
min. Earth dist.	-119 Mar 11 j 15:26	12°♓05'49	0.58272 AU
morning rise	-119 Mar 15 j 22:33	9°♓22'56	
desc. node	-119 Mar 20 j 14:55	7°♓57'28	
direct	-119 Mar 21 j 21:02	7°♓53'26	
morning max el	-119 Apr 05 j 05:27	15°♓29'46	26°37'23
	-119 Apr 16 j 23:07	0°♈	
	-119 May 03 j 18:58	0°♉	
morning set	-119 May 04 j 13:55	1°♉38'40	
asc. node	-119 May 07 j 20:49	8°♉39'31	
superior conj	-119 May 11 j 15:36	16°♉55'51	0°39'05
minimum elong	-119 May 11 j 13:58	16°♉46'52	0°38'46

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	-119 May 11 j 19:12	17°♉15'35	1.32396 AU
	-119 May 17 j 16:14	0°♊	
evening rise	-119 May 18 j 15:20	2°♊01'34	
	-119 Jun 02 j 20:16	0°♋	
desc. node	-119 Jun 16 j 14:14	17°♋49'26	
evening max el	-119 Jun 17 j 13:11	18°♋45'28	26°41'04
retrograde	-119 Jul 01 j 12:42	26°♋00'47	
evening set	-119 Jul 08 j 06:47	24°♋03'28	
min. Earth dist.	-119 Jul 12 j 02:37	21°♋25'56	0.60261 AU
inferior conj	-119 Jul 15 j 10:09	18°♋43'42	-4°-37'-8
minimum elong	-119 Jul 15 j 12:51	18°♋38'09	4°36'54
morning rise	-119 Jul 22 j 22:09	14°♋02'02	
direct	-119 Jul 25 j 08:44	13°♋39'37	
morning max el	-119 Aug 01 j 17:56	17°♋15'25	18°11'02
asc. node	-119 Aug 03 j 20:01	19°♋30'41	
	-119 Aug 10 j 20:05	0°♌	
morning set	-119 Aug 17 j 15:08	12°♌25'44	
superior conj	-119 Aug 27 j 06:42	0°♍19'54	1°33'53
minimum elong	-119 Aug 27 j 10:17	0°♍36'05	1°33'36
	-119 Aug 27 j 02:17	0°♍	
max. Earth dist.	-119 Sep 03 j 21:33	13°♍38'34	1.41211 AU
evening rise	-119 Sep 09 j 01:35	22°♍12'25	
desc. node	-119 Sep 12 j 13:36	27°♍48'47	
	-119 Sep 13 j 22:59	0°♎	
	-119 Oct 04 j 18:07	0°♏	
greatest brilliancy	-119 Oct 07 j 16:37	3°♏41'04	-0.3m
evening max el	-119 Oct 12 j 20:42	9°♏28'54	22°54'47
retrograde	-119 Oct 22 j 21:52	15°♏26'55	
evening set	-119 Oct 27 j 15:21	13°♏31'41	
asc. node	-119 Oct 30 j 19:13	10°♏08'42	
inferior conj	-119 Nov 02 j 00:43	7°♏08'46	0°45'48
minimum elong	-119 Nov 01 j 23:40	7°♏12'24	0°45'21
min. Earth dist.	-119 Nov 01 j 18:59	7°♏28'32	0.67664 AU
morning rise	-119 Nov 07 j 07:59	0°♏56'09	
	-119 Nov 08 j 17:25	30°℞♎	
direct	-119 Nov 11 j 16:08	29°♎13'05	
	-119 Nov 14 j 19:54	0°♏	
morning max el	-119 Nov 20 j 15:33	4°♏29'53	21°44'09
greatest brilliancy	-119 Nov 25 j 13:00	10°♏03'22	-0.4m
desc. node	-119 Dec 09 j 12:50	29°♏25'20	
	-119 Dec 09 j 22:12	0°♐	
morning set	-119 Dec 22 j 15:37	19°♐33'12	
max. Earth dist.	-119 Dec 29 j 04:42	0°♑11'21	1.41642 AU
	-119 Dec 29 j 01:57	0°♑	
superior conj	-118 Jan 05 j 19:19	13°♑09'08	-2°-1'-42
minimum elong	-118 Jan 05 j 18:53	13°♑07'16	2°01'43
	-118 Jan 15 j 04:01	0°♒	
evening rise	-118 Jan 16 j 14:40	2°♒39'19	
asc. node	-118 Jan 26 j 18:32	20°♒32'44	
evening max el	-118 Feb 01 j 23:54	28°♒41'38	18°11'17
	-118 Feb 03 j 11:14	0°♓	
retrograde	-118 Feb 08 j 21:03	2°♓10'05	
evening set	-118 Feb 11 j 10:44	1°♓41'40	
	-118 Feb 14 j 13:12	30°℞♒	
inferior conj	-118 Feb 18 j 07:58	26°♒50'56	3°40'05
minimum elong	-118 Feb 18 j 10:00	26°♒46'17	3°39'52
min. Earth dist.	-118 Feb 21 j 15:11	23°♒51'51	0.60355 AU
morning rise	-118 Feb 25 j 06:08	21°♒07'22	
direct	-118 Mar 03 j 22:29	19°♒00'28	
desc. node	-118 Mar 07 j 11:59	19°♒34'22	
morning max el	-118 Mar 18 j 04:37	26°♒48'28	27°30'26
	-118 Mar 21 j 05:24	0°♓	
	-118 Apr 10 j 11:30	0°♈	
morning set	-118 Apr 18 j 21:38	16°♈22'13	
asc. node	-118 Apr 24 j 17:52	28°♈50'12	
	-118 Apr 25 j 06:39	0°♉	
max. Earth dist.	-118 Apr 25 j 07:43	0°♉05'52	1.32367 AU
superior conj	-118 Apr 26 j 03:06	1°♉52'00	0°14'38
minimum elong	-118 Apr 26 j 02:27	1°♉48'22	0°14'29
behind sun begin	-118 Apr 26 j 00:25	1°♉37'15	
behind sun end	-118 Apr 26 j 04:28	1°♉59'30	
evening rise	-118 May 03 j 01:37	16°♉55'03	
	-118 May 09 j 13:53	0°♊	
	-118 May 30 j 07:06	0°♋	
evening max el	-118 May 30 j 09:07	0°♋04'49	25°33'03
desc. node	-118 Jun 03 j 11:15	3°♋31'09	
retrograde	-118 Jun 13 j 10:19	7°♋15'53	
evening set	-118 Jun 19 j 05:07	5°♋56'56	
min. Earth dist.	-118 Jun 23 j 21:14	3°♋15'03	0.58214 AU
inferior conj	-118 Jun 27 j 02:46	0°♋57'53	-4°-43'-7
minimum elong	-118 Jun 27 j 01:33	1°♋00'02	4°43'05
	-118 Jun 28 j 11:45	30°℞♊	
morning rise	-118 Jul 05 j 01:49	26°♊38'57	
direct	-118 Jul 07 j 13:59	26°♊19'17	
	-118 Jul 15 j 16:09	0°♋	
morning max el	-118 Jul 15 j 23:16	0°♋16'26	18°47'57
asc. node	-118 Jul 21 j 17:06	7°♋20'00	
morning set	-118 Aug 01 j 09:34	26°♋27'09	
	-118 Aug 03 j 05:02	0°♌	
superior conj	-118 Aug 10 j 01:13	13°♌15'26	1°45'11
minimum elong	-118 Aug 10 j 02:38	13°♌22'10	1°45'08
max. Earth dist.	-118 Aug 17 j 00:59	26°♌06'13	1.39211 AU
	-118 Aug 19 j 06:14	0°♍	
evening rise	-118 Aug 21 j 01:41	3°♍06'57	
desc. node	-118 Aug 30 j 10:37	18°♍23'32	
	-118 Sep 07 j 04:09	0°♎	
evening max el	-118 Sep 25 j 09:20	23°♎01'39	24°14'54
retrograde	-118 Oct 06 j 12:59	29°♎34'17	
evening set	-118 Oct 11 j 20:38	27°♎21'11	
min. Earth dist.	-118 Oct 16 j 15:05	21°♎51'23	0.67472 AU
inferior conj	-118 Oct 17 j 07:09	20°♎57'12	0°-7'-52
minimum elong	-118 Oct 17 j 07:21	20°♎56'34	0°07'48
transit middle	-118 Oct 17 j 07:21	20°♎56'34	0°07'48
transit begin	-118 Oct 17 j 04:57	21°♎04'39	
transit end	-118 Oct 17 j 09:44	20°♎48'29	
asc. node	-118 Oct 17 j 16:17	20°♎26'30	
morning rise	-118 Oct 22 j 18:20	14°♎49'41	
direct	-118 Oct 26 j 13:10	13°♎27'53	
morning max el	-118 Nov 03 j 12:02	18°♎04'08	20°27'54
greatest brilliancy	-118 Nov 09 j 20:45	25°♎39'31	-0.5m
	-118 Nov 13 j 01:00	0°♏	
desc. node	-118 Nov 26 j 09:53	19°♏44'55	
morning set	-118 Dec 01 j 14:52	27°♏45'15	
	-118 Dec 03 j 01:33	0°♐	
max. Earth dist.	-118 Dec 11 j 11:28	13°♐18'54	1.43372 AU
superior conj	-118 Dec 17 j 16:23	23°♐27'23	-1°-52'-13
minimum elong	-118 Dec 17 j 11:10	23°♐05'42	1°51'57
	-118 Dec 21 j 14:02	0°♑	
evening rise	-118 Dec 30 j 03:24	14°♑46'59	
	-117 Jan 07 j 22:55	0°♒	
asc. node	-117 Jan 13 j 15:34	8°♒33'36	
evening max el	-117 Jan 16 j 11:52	11°♒51'47	18°09'03
retrograde	-117 Jan 23 j 00:23	15°♒17'18	
evening set	-117 Jan 25 j 18:23	14°♒39'49	
inferior conj	-117 Feb 01 j 03:24	9°♒28'07	3°50'43
minimum elong	-117 Feb 01 j 03:13	9°♒28'34	3°50'43
min. Earth dist.	-117 Feb 03 j 23:05	6°♒33'32	0.62401 AU
morning rise	-117 Feb 07 j 09:54	3°♒31'08	
direct	-117 Feb 14 j 09:37	0°♒55'30	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-117 Feb 22 j 09:02	3°♒45'35	
morning max el	-117 Feb 28 j 09:32	8°♒47'48	27°47'14
	-117 Mar 16 j 18:56	0°♓	
	-117 Apr 02 j 14:48	0°♈	
morning set	-117 Apr 03 j 00:15	0°♈47'46	
max. Earth dist.	-117 Apr 08 j 16:47	12°♈41'51	1.32717 AU
superior conj	-117 Apr 10 j 12:48	16°♈39'25	0°-11'-29
minimum elong	-117 Apr 10 j 13:21	16°♈42'21	0°11'23
behind sun begin	-117 Apr 10 j 09:43	16°♈22'41	
behind sun end	-117 Apr 10 j 16:59	17°♈02'02	
asc. node	-117 Apr 11 j 14:55	19°♈01'09	
	-117 Apr 16 j 16:43	0°♉	
evening rise	-117 Apr 17 j 13:23	1°♉49'44	
	-117 May 03 j 01:49	0°♊	
evening max el	-117 May 12 j 00:19	10°♊50'19	24°04'21
desc. node	-117 May 21 j 08:16	17°♊01'15	
retrograde	-117 May 25 j 20:16	17°♊47'23	
evening set	-117 May 30 j 05:32	17°♊04'41	
min. Earth dist.	-117 Jun 05 j 11:31	14°♊02'38	0.56443 AU
inferior conj	-117 Jun 07 j 23:20	12°♊29'56	-4°-12'-17
minimum elong	-117 Jun 07 j 17:34	12°♊38'56	4°11'18
morning rise	-117 Jun 16 j 09:19	8°♊29'11	
direct	-117 Jun 19 j 00:23	8°♊11'04	
morning max el	-117 Jun 28 j 19:19	12°♊43'18	19°45'47
asc. node	-117 Jul 08 j 14:10	25°♊54'15	
	-117 Jul 10 j 21:22	0°♋	
morning set	-117 Jul 16 j 11:49	10°♋53'24	
superior conj	-117 Jul 24 j 10:54	26°♋57'34	1°46'49
minimum elong	-117 Jul 24 j 10:25	26°♋55'10	1°46'48
	-117 Jul 25 j 23:54	0°♌	
max. Earth dist.	-117 Jul 30 j 04:39	8°♌03'24	1.37251 AU
evening rise	-117 Aug 03 j 01:47	15°♌11'06	
	-117 Aug 11 j 17:52	0°♍	
desc. node	-117 Aug 17 j 07:38	8°♍45'53	
	-117 Sep 01 j 19:22	0°♎	
evening max el	-117 Sep 07 j 20:55	6°♎38'24	25°29'37
retrograde	-117 Sep 19 j 23:36	13°♎36'19	
evening set	-117 Sep 25 j 22:03	11°♎07'03	
min. Earth dist.	-117 Sep 30 j 08:17	6°♎12'55	0.66963 AU
inferior conj	-117 Oct 01 j 11:08	4°♎46'20	-1°-3'-34
minimum elong	-117 Oct 01 j 12:44	4°♎41'10	1°02'54
asc. node	-117 Oct 04 j 13:21	1°♎02'11	
	-117 Oct 05 j 14:28	30°℞♍	
morning rise	-117 Oct 07 j 04:03	28°♍46'50	
direct	-117 Oct 10 j 11:35	27°♍43'18	
	-117 Oct 15 j 16:56	0°♎	
morning max el	-117 Oct 17 j 16:07	1°♎47'56	19°24'56
greatest brilliancy	-117 Oct 26 j 23:22	13°♎47'20	-0.7m
	-117 Nov 06 j 15:56	0°♏	
morning set	-117 Nov 10 j 15:03	6°♏08'37	
desc. node	-117 Nov 13 j 06:55	10°♏17'00	
max. Earth dist.	-117 Nov 24 j 01:17	27°♏09'41	1.44547 AU
	-117 Nov 25 j 20:16	0°♐	
superior conj	-117 Nov 27 j 10:58	2°♐34'04	-1°-24'-33
minimum elong	-117 Nov 27 j 02:42	2°♐01'04	1°23'44
evening rise	-117 Dec 11 j 19:42	26°♐00'02	
	-117 Dec 14 j 05:15	0°♑	
evening max el	-117 Dec 31 j 00:19	25°♑12'32	18°25'36
asc. node	-117 Dec 31 j 12:37	25°♑42'52	
retrograde	-116 Jan 06 j 13:12	28°♑47'18	
evening set	-116 Jan 09 j 12:00	27°♑59'38	
inferior conj	-116 Jan 15 j 11:54	22°♑28'21	3°41'31
minimum elong	-116 Jan 15 j 10:07	22°♑33'29	3°41'19
min. Earth dist.	-116 Jan 17 j 16:26	19°♑57'20	0.64192 AU
morning rise	-116 Jan 21 j 06:50	16°♑22'55	
direct	-116 Jan 28 j 04:15	13°♑33'13	
desc. node	-116 Feb 09 j 06:05	19°♑55'19	
morning max el	-116 Feb 10 j 18:03	21°♑21'58	27°27'55
	-116 Feb 18 j 07:01	0°♒	
	-116 Mar 08 j 21:34	0°♓	
morning set	-116 Mar 16 j 19:03	14°♓45'43	
max. Earth dist.	-116 Mar 21 j 18:26	24°♓50'22	1.33485 AU
	-116 Mar 24 j 05:25	0°♈	
superior conj	-116 Mar 24 j 18:47	1°♈10'55	0°-38'-18
minimum elong	-116 Mar 24 j 20:37	1°♈20'42	0°37'57
asc. node	-116 Mar 28 j 11:56	9°♈07'32	
evening rise	-116 Apr 01 j 00:46	16°♈38'19	
	-116 Apr 07 j 17:33	0°♉	
evening max el	-116 Apr 22 j 16:22	21°♉25'32	22°28'59
retrograde	-116 May 05 j 17:07	27°♉50'57	
desc. node	-116 May 07 j 05:18	27°♉45'53	
evening set	-116 May 08 j 18:16	27°♉30'34	
min. Earth dist.	-116 May 17 j 00:07	23°♉56'26	0.55291 AU
inferior conj	-116 May 18 j 01:54	23°♉19'53	-2°-56'-5
minimum elong	-116 May 17 j 18:51	23°♉29'53	2°54'03
morning rise	-116 May 26 j 21:40	19°♉26'20	
direct	-116 May 29 j 17:57	19°♉07'48	
morning max el	-116 Jun 10 j 04:12	24°♉27'18	21°03'56
	-116 Jun 15 j 03:22	0°♊	
asc. node	-116 Jun 24 j 11:13	15°♊01'41	
morning set	-116 Jun 29 j 19:15	25°♊36'30	
	-116 Jul 01 j 22:04	0°♋	
superior conj	-116 Jul 07 j 07:14	11°♋12'24	1°40'52
minimum elong	-116 Jul 07 j 05:28	11°♋03'19	1°40'44
max. Earth dist.	-116 Jul 11 j 14:21	19°♋54'17	1.35526 AU
evening rise	-116 Jul 15 j 21:20	28°♋12'19	
	-116 Jul 16 j 20:20	0°♌	
desc. node	-116 Aug 03 j 04:39	28°♌49'13	
	-116 Aug 04 j 00:03	0°♍	
evening max el	-116 Aug 20 j 08:47	20°♍14'31	26°31'10
retrograde	-116 Sep 02 j 05:08	27°♍27'15	
evening set	-116 Sep 08 j 17:34	24°♍46'16	
min. Earth dist.	-116 Sep 12 j 20:03	20°♍29'41	0.66112 AU
inferior conj	-116 Sep 14 j 10:43	18°♍32'49	-1°-59'-35
minimum elong	-116 Sep 14 j 13:45	18°♍23'39	1°58'25
morning rise	-116 Sep 20 j 11:01	12°♍44'41	
asc. node	-116 Sep 20 j 10:25	12°♍45'32	
direct	-116 Sep 23 j 09:33	11°♍55'54	
morning max el	-116 Sep 30 j 02:34	15°♍38'32	18°37'31
	-116 Oct 10 j 16:09	0°♎	
morning set	-116 Oct 20 j 13:45	15°♎43'15	
	-116 Oct 29 j 13:22	0°♏	
desc. node	-116 Oct 30 j 03:57	0°♏57'34	
superior conj	-116 Nov 05 j 12:32	10°♏58'23	0°-40'-53
minimum elong	-116 Nov 05 j 07:14	10°♏37'32	0°40'13
max. Earth dist.	-116 Nov 05 j 19:32	11°♏25'52	1.45025 AU
	-116 Nov 17 j 14:11	0°♐	
evening rise	-116 Nov 21 j 12:29	6°♐14'35	
	-116 Dec 06 j 16:48	0°♑	
evening max el	-116 Dec 13 j 10:43	8°♑38'33	18°59'53
asc. node	-116 Dec 17 j 09:39	11°♑46'28	
retrograde	-116 Dec 20 j 07:47	12°♑33'04	
evening set	-116 Dec 23 j 12:33	11°♑33'53	
inferior conj	-116 Dec 29 j 05:55	5°♑45'25	3°18'07
minimum elong	-116 Dec 29 j 03:17	5°♑53'38	3°17'34
min. Earth dist.	-116 Dec 30 j 19:13	3°♑48'49	0.65614 AU
	-115 Jan 03 j 05:48	30°℞♐	
morning rise	-115 Jan 03 j 17:06	29°♐34'21	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-115 Jan 10 j 05:16	26°♐45'10	
	-115 Jan 18 j 05:07	0°♑	
morning max el	-115 Jan 23 j 03:46	4°♑20'32	26°37'46
desc. node	-115 Jan 26 j 03:07	7°♑30'27	
	-115 Feb 11 j 17:50	0°♒	
morning set	-115 Feb 28 j 02:35	28°♒05'38	
	-115 Mar 01 j 02:35	0°♓	
max. Earth dist.	-115 Mar 04 j 09:34	6°♓25'39	1.34700 AU
superior conj	-115 Mar 08 j 18:53	15°♓19'54	-1°-4'-38
minimum elong	-115 Mar 08 j 21:55	15°♓35'35	1°04'08
asc. node	-115 Mar 15 j 08:58	29°♓05'19	
	-115 Mar 15 j 19:29	0°♈	
evening rise	-115 Mar 16 j 09:53	1°♈14'42	
	-115 Apr 02 j 10:49	0°♉	
evening max el	-115 Apr 04 j 15:54	2°♉19'28	21°00'40
retrograde	-115 Apr 16 j 06:29	7°♉56'45	
evening set	-115 Apr 18 j 13:04	7°♉44'36	
desc. node	-115 Apr 24 j 02:18	5°♉47'44	
inferior conj	-115 Apr 27 j 20:04	3°♉46'20	-1°-4'-11
minimum elong	-115 Apr 27 j 17:02	3°♉50'38	1°03'07
min. Earth dist.	-115 Apr 28 j 12:57	3°♉22'25	0.55019 AU
	-115 May 05 j 17:37	30°℞♈	
morning rise	-115 May 06 j 20:28	29°♈41'52	
direct	-115 May 10 j 04:11	29°♈18'03	
	-115 May 14 j 11:43	0°♉	
morning max el	-115 May 23 j 02:42	5°♉29'51	22°38'12
	-115 Jun 09 j 00:21	0°♊	
asc. node	-115 Jun 11 j 08:15	4°♊33'49	
morning set	-115 Jun 14 j 05:47	10°♊30'12	
superior conj	-115 Jun 21 j 10:51	25°♊49'51	1°28'58
minimum elong	-115 Jun 21 j 08:27	25°♊37'08	1°28'41
	-115 Jun 23 j 10:19	0°♋	
max. Earth dist.	-115 Jun 24 j 09:13	1°♋59'22	1.34152 AU
evening rise	-115 Jun 29 j 07:30	11°♋57'12	
	-115 Jul 09 j 03:56	0°♌	
desc. node	-115 Jul 21 j 01:39	18°♌25'09	
	-115 Jul 30 j 07:09	0°♍	
evening max el	-115 Aug 02 j 20:33	3°♍40'34	27°11'59
retrograde	-115 Aug 16 j 05:12	10°♍59'41	
evening set	-115 Aug 23 j 04:41	8°♍14'45	
min. Earth dist.	-115 Aug 27 j 00:06	4°♍35'36	0.64897 AU
inferior conj	-115 Aug 29 j 03:43	2°♍12'20	-2°-53'-45
minimum elong	-115 Aug 29 j 07:56	2°♍00'35	2°52'22
	-115 Aug 31 j 04:55	30°℞♌	
morning rise	-115 Sep 04 j 12:50	26°♌38'52	
direct	-115 Sep 07 j 04:44	26°♌01'15	
asc. node	-115 Sep 07 j 07:28	26°♌01'19	
morning max el	-115 Sep 13 j 17:05	29°♌31'03	18°06'47
	-115 Sep 14 j 04:19	0°♍	
morning set	-115 Oct 01 j 17:06	26°♍41'59	
	-115 Oct 03 j 16:38	0°♎	
superior conj	-115 Oct 15 j 18:13	19°♎40'16	0°08'27
minimum elong	-115 Oct 15 j 19:15	19°♎44'25	0°08'19
behind sun begin	-115 Oct 15 j 09:56	19°♎07'12	
behind sun end	-115 Oct 16 j 04:34	20°♎21'35	
desc. node	-115 Oct 17 j 00:58	21°♎42'50	
max. Earth dist.	-115 Oct 19 j 14:24	25°♎46'19	1.44762 AU
	-115 Oct 22 j 06:50	0°♏	
evening rise	-115 Nov 01 j 07:09	15°♏36'01	
	-115 Nov 10 j 15:48	0°♐	
greatest brilliancy	-115 Nov 19 j 05:14	12°♐40'42	-0.6m
evening max el	-115 Nov 26 j 16:55	22°♐05'53	19°50'23
retrograde	-115 Dec 04 j 05:04	26°♐28'52	
asc. node	-115 Dec 04 j 06:42	26°♐28'50	
evening set	-115 Dec 07 j 17:28	25°♐16'29	
inferior conj	-115 Dec 13 j 06:27	19°♐13'53	2°44'17
minimum elong	-115 Dec 13 j 03:39	19°♐23'09	2°43'28
min. Earth dist.	-115 Dec 14 j 05:58	17°♐55'59	0.66647 AU
morning rise	-115 Dec 18 j 13:12	12°♐59'22	
direct	-115 Dec 24 j 12:03	10°♐21'55	
morning max el	-114 Jan 05 j 12:49	17°♐31'05	25°25'07
desc. node	-114 Jan 13 j 00:09	26°♐05'29	
	-114 Jan 16 j 00:16	0°♑	
	-114 Feb 04 j 17:36	0°♒	
morning set	-114 Feb 10 j 18:07	10°♒33'08	
max. Earth dist.	-114 Feb 14 j 12:58	17°♒32'35	1.36351 AU
superior conj	-114 Feb 20 j 10:19	28°♒57'48	-1°-28'-49
minimum elong	-114 Feb 20 j 14:06	29°♒16'39	1°28'19
	-114 Feb 20 j 22:47	0°♓	
evening rise	-114 Feb 28 j 14:38	15°♓31'35	
asc. node	-114 Mar 02 j 06:00	18°♓49'20	
	-114 Mar 08 j 03:38	0°♈	
evening max el	-114 Mar 18 j 02:35	13°♈49'23	19°48'09
retrograde	-114 Mar 28 j 00:08	18°♈34'17	
evening set	-114 Mar 30 j 02:51	18°♈22'15	
inferior conj	-114 Apr 07 j 20:28	14°♈20'22	0°52'43
minimum elong	-114 Apr 07 j 22:42	14°♈16'54	0°51'57
min. Earth dist.	-114 Apr 10 j 03:11	12°♈55'46	0.55694 AU
desc. node	-114 Apr 10 j 23:18	12°♈25'43	
morning rise	-114 Apr 16 j 15:19	9°♈47'30	
direct	-114 Apr 20 j 20:30	9°♈08'03	
morning max el	-114 May 04 j 18:40	16°♈05'12	24°19'11
	-114 May 15 j 21:56	0°♉	
asc. node	-114 May 29 j 05:17	24°♉23'56	
morning set	-114 May 29 j 17:42	25°♉29'02	
	-114 May 31 j 20:40	0°♊	
superior conj	-114 Jun 05 j 19:12	10°♊41'44	1°12'24
minimum elong	-114 Jun 05 j 16:45	10°♊28'24	1°12'01
max. Earth dist.	-114 Jun 07 j 12:55	14°♊26'39	1.33168 AU
evening rise	-114 Jun 13 j 04:11	26°♊14'04	
	-114 Jun 15 j 01:23	0°♋	
	-114 Jul 02 j 13:24	0°♌	
desc. node	-114 Jul 07 j 22:39	7°♌22'09	
evening max el	-114 Jul 16 j 06:45	16°♌45'04	27°25'26
retrograde	-114 Jul 29 j 23:33	24°♌04'54	
evening set	-114 Aug 06 j 04:16	21°♌27'45	
min. Earth dist.	-114 Aug 09 j 18:48	18°♌21'29	0.63315 AU
inferior conj	-114 Aug 12 j 11:32	15°♌39'34	-3°-42'-54
minimum elong	-114 Aug 12 j 16:18	15°♌27'37	3°41'42
morning rise	-114 Aug 19 j 06:36	10°♌23'58	
direct	-114 Aug 21 j 18:22	9°♌54'17	
asc. node	-114 Aug 25 j 04:30	10°♌51'10	
morning max el	-114 Aug 28 j 08:53	13°♌19'40	17°53'38
	-114 Sep 08 j 19:05	0°♍	
morning set	-114 Sep 13 j 21:23	8°♍52'46	
superior conj	-114 Sep 25 j 22:23	29°♍30'56	0°51'26
minimum elong	-114 Sep 26 j 03:05	29°♍50'28	0°50'50
	-114 Sep 26 j 05:23	0°♎	
max. Earth dist.	-114 Oct 02 j 06:32	9°♎52'09	1.43805 AU
desc. node	-114 Oct 03 j 22:01	12°♎30'07	
evening rise	-114 Oct 11 j 14:16	24°♎32'27	
	-114 Oct 15 j 03:36	0°♏	
greatest brilliancy	-114 Nov 04 j 04:15	29°♏01'00	-0.5m
	-114 Nov 04 j 22:38	0°♐	
evening max el	-114 Nov 09 j 17:41	5°♐34'12	20°54'40
retrograde	-114 Nov 18 j 02:40	10°♐31'59	
asc. node	-114 Nov 21 j 03:44	9°♐39'28	
evening set	-114 Nov 22 j 00:44	9°♐04'27	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-114 Nov 27 j 11:08	2°♐51'09	2°02'41
minimum elong	-114 Nov 27 j 08:42	2°♐59'29	2°01'48
min. Earth dist.	-114 Nov 27 j 22:29	2°♐12'14	0.67315 AU
	-114 Nov 29 j 14:05	30°℞♏	
morning rise	-114 Dec 02 j 16:15	26°♏35'25	
direct	-114 Dec 08 j 00:04	24°♏16'50	
	-114 Dec 18 j 02:29	0°♐	
morning max el	-114 Dec 18 j 21:17	0°♐46'29	23°59'55
desc. node	-114 Dec 30 j 21:13	15°♐23'27	
	-113 Jan 09 j 23:21	0°♑	
morning set	-113 Jan 23 j 11:38	21°♑51'52	
max. Earth dist.	-113 Jan 27 j 08:26	28°♑38'01	1.38351 AU
	-113 Jan 28 j 02:46	0°♒	
superior conj	-113 Feb 03 j 13:31	11°♒55'19	-1°-48'-26
minimum elong	-113 Feb 03 j 17:05	12°♒12'17	1°48'08
evening rise	-113 Feb 12 j 12:34	29°♒22'13	
	-113 Feb 12 j 20:16	0°♓	
asc. node	-113 Feb 17 j 03:02	8°♓14'08	
evening max el	-113 Feb 28 j 23:58	25°♓57'08	18°54'51
retrograde	-113 Mar 09 j 08:37	29°♓59'27	
evening set	-113 Mar 11 j 15:02	29°♓42'50	
inferior conj	-113 Mar 19 j 14:17	25°♓25'34	2°25'04
minimum elong	-113 Mar 19 j 18:39	25°♓17'44	2°23'52
min. Earth dist.	-113 Mar 22 j 19:30	23°♓08'21	0.57174 AU
morning rise	-113 Mar 27 j 18:03	20°♓19'55	
desc. node	-113 Mar 28 j 20:22	19°♓54'55	
direct	-113 Apr 02 j 02:26	19°♓11'09	
morning max el	-113 Apr 16 j 09:45	26°♓37'44	25°52'49
	-113 Apr 19 j 14:58	0°♈	
	-113 May 09 j 01:27	0°♉	
morning set	-113 May 14 j 05:19	10°♉26'40	
asc. node	-113 May 16 j 02:19	14°♉25'51	
superior conj	-113 May 21 j 06:09	25°♉40'17	0°52'08
minimum elong	-113 May 21 j 04:06	25°♉29'03	0°51'45
max. Earth dist.	-113 May 21 j 22:53	27°♉11'51	1.32569 AU
	-113 May 23 j 05:43	0°♊	
evening rise	-113 May 28 j 08:07	10°♊52'00	
	-113 Jun 07 j 07:28	0°♋	
desc. node	-113 Jun 24 j 19:41	25°♋23'07	
evening max el	-113 Jun 28 j 13:07	29°♋15'11	27°06'52
	-113 Jun 29 j 08:24	0°♌	
retrograde	-113 Jul 12 j 11:03	6°♌32'20	
evening set	-113 Jul 19 j 12:08	4°♌16'59	
min. Earth dist.	-113 Jul 23 j 03:18	1°♌33'10	0.61431 AU
	-113 Jul 24 j 21:50	30°℞♋	
inferior conj	-113 Jul 26 j 06:56	28°♋45'57	-4°-22'-5
minimum elong	-113 Jul 26 j 10:57	28°♋37'03	4°21'28
morning rise	-113 Aug 02 j 12:38	23°♋51'00	
direct	-113 Aug 04 j 22:53	23°♋26'33	
morning max el	-113 Aug 11 j 22:58	26°♋56'04	17°59'00
asc. node	-113 Aug 12 j 01:33	27°♋02'25	
	-113 Aug 14 j 16:06	0°♌	
morning set	-113 Aug 27 j 20:24	21°♌57'06	
	-113 Sep 01 j 06:00	0°♍	
superior conj	-113 Sep 07 j 05:53	10°♍41'52	1°22'07
minimum elong	-113 Sep 07 j 10:29	11°♍01'59	1°21'39
max. Earth dist.	-113 Sep 14 j 17:53	23°♍27'21	1.42279 AU
	-113 Sep 18 j 18:09	0°♎	
desc. node	-113 Sep 20 j 19:03	3°♎15'26	
evening rise	-113 Sep 21 j 03:29	3°♎48'49	
	-113 Oct 08 j 13:22	0°♏	
greatest brilliancy	-113 Oct 18 j 19:27	13°♏43'40	-0.3m
evening max el	-113 Oct 23 j 12:50	19°♏03'35	22°09'15
retrograde	-113 Nov 01 j 22:42	24°♏39'20	
evening set	-113 Nov 06 j 08:33	22°♏54'43	
asc. node	-113 Nov 08 j 00:47	21°♏19'35	
inferior conj	-113 Nov 11 j 17:55	16°♏34'24	1°15'12
minimum elong	-113 Nov 11 j 16:16	16°♏40'08	1°14'31
min. Earth dist.	-113 Nov 11 j 18:17	16°♏33'09	0.67634 AU
morning rise	-113 Nov 16 j 23:46	10°♏19'55	
direct	-113 Nov 21 j 16:24	8°♏23'35	
morning max el	-113 Dec 01 j 07:50	14°♏06'27	22°32'16
greatest brilliancy	-113 Dec 05 j 22:46	19°♏17'10	-0.3m
	-113 Dec 14 j 02:22	0°♐	
desc. node	-113 Dec 17 j 18:18	5°♐12'03	
	-112 Jan 02 j 22:46	0°♑	
morning set	-112 Jan 04 j 01:17	1°♑47'50	
max. Earth dist.	-112 Jan 09 j 04:30	10°♑20'52	1.40479 AU
superior conj	-112 Jan 16 j 23:57	24°♑01'20	-2°00'-9
minimum elong	-112 Jan 17 j 01:36	24°♑08'47	2°00'08
	-112 Jan 20 j 06:32	0°♒	
evening rise	-112 Jan 27 j 00:39	12°♒39'36	
asc. node	-112 Feb 04 j 00:05	27°♒13'21	
	-112 Feb 05 j 16:29	0°♓	
evening max el	-112 Feb 12 j 05:28	8°♓36'11	18°21'31
retrograde	-112 Feb 19 j 12:01	12°♓12'08	
evening set	-112 Feb 21 j 23:21	11°♓48'17	
inferior conj	-112 Feb 29 j 05:09	7°♓10'06	3°22'04
minimum elong	-112 Feb 29 j 08:27	7°♓03'10	3°21'31
min. Earth dist.	-112 Mar 03 j 15:28	4°♓19'25	0.59143 AU
morning rise	-112 Mar 07 j 13:55	1°♓38'08	
	-112 Mar 12 j 04:15	30°℞♒	
direct	-112 Mar 13 j 21:29	29°♒52'09	
desc. node	-112 Mar 14 j 17:25	29°♒53'57	
	-112 Mar 15 j 15:11	0°♓	
morning max el	-112 Mar 28 j 05:05	7°♓34'06	27°04'08
	-112 Apr 14 j 02:22	0°♈	
morning set	-112 Apr 27 j 15:00	25°♈17'23	
	-112 Apr 29 j 20:28	0°♉	
asc. node	-112 May 01 j 23:23	4°♉34'52	
superior conj	-112 May 04 j 17:57	10°♉39'15	0°29'00
minimum elong	-112 May 04 j 16:42	10°♉32'20	0°28'44
max. Earth dist.	-112 May 04 j 11:42	10°♉04'53	1.32338 AU
evening rise	-112 May 11 j 16:45	25°♉42'28	
	-112 May 13 j 18:26	0°♊	
	-112 May 31 j 04:22	0°♋	
evening max el	-112 Jun 09 j 13:20	11°♋01'39	26°15'33
desc. node	-112 Jun 10 j 16:41	12°♋04'44	
retrograde	-112 Jun 23 j 13:58	18°♋14'52	
evening set	-112 Jun 29 j 23:41	16°♋33'35	
min. Earth dist.	-112 Jul 04 j 02:17	13°♋56'15	0.59385 AU
inferior conj	-112 Jul 07 j 10:22	11°♋22'22	-4°-43'-22
minimum elong	-112 Jul 07 j 11:38	11°♋19'54	4°43'19
morning rise	-112 Jul 15 j 03:01	6°♋50'07	
direct	-112 Jul 17 j 14:08	6°♋28'55	
morning max el	-112 Jul 25 j 08:16	10°♋12'21	18°24'04
asc. node	-112 Jul 28 j 22:38	14°♋20'10	
	-112 Aug 07 j 09:02	0°♌	
morning set	-112 Aug 10 j 08:57	5°♌41'06	
superior conj	-112 Aug 19 j 13:16	23°♌03'45	1°40'00
minimum elong	-112 Aug 19 j 15:57	23°♌16'07	1°39'50
	-112 Aug 23 j 09:04	0°♍	
max. Earth dist.	-112 Aug 27 j 00:11	6°♍22'02	1.40384 AU
evening rise	-112 Aug 31 j 13:15	14°♍03'00	
desc. node	-112 Sep 06 j 16:04	23°♍55'12	
	-112 Sep 10 j 14:25	0°♎	
	-112 Oct 02 j 16:41	0°♏	
evening max el	-112 Oct 05 j 03:22	2°♏35'05	23°29'05

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

retrograde	-112 Oct 15 j 15:48	8°♏47'53		
evening set	-112 Oct 20 j 15:15	6°♏45'01		
asc. node	-112 Oct 24 j 21:51	1°♏53'46		
min. Earth dist.	-112 Oct 25 j 14:53	0°♏55'56	0.67628 AU	
inferior conj	-112 Oct 26 j 00:58	0°♏21'26	0°23'21	
minimum elong	-112 Oct 26 j 00:25	0°♏23'19	0°23'07	
	-112 Oct 26 j 07:14	30°℞♎		
morning rise	-112 Oct 31 j 09:40	24°♎10'46		
direct	-112 Nov 04 j 12:02	22°♎36'52		
morning max el	-112 Nov 13 j 00:05	27°♎34'52	21°10'14	
	-112 Nov 15 j 05:52	0°♏		
greatest brilliancy	-112 Nov 18 j 09:16	3°♏48'09	-0.5m	
desc. node	-112 Dec 03 j 15:22	25°♏22'14		
	-112 Dec 06 j 16:56	0°♐		
morning set	-112 Dec 13 j 11:02	10°♐26'00		
max. Earth dist.	-112 Dec 21 j 07:28	23°♐00'29	1.42437 AU	
	-112 Dec 25 j 12:45	0°♑		
superior conj	-112 Dec 28 j 12:03	5°♑01'52	-1°-59'-45	
minimum elong	-112 Dec 28 j 09:40	4°♑51'42	1°59'43	
evening rise	-111 Jan 08 j 23:08	25°♑15'14		
	-111 Jan 11 j 14:23	0°♒		
asc. node	-111 Jan 20 j 21:09	15°♒38'16		
evening max el	-111 Jan 25 j 15:54	21°♒36'51	18°07'58	
retrograde	-111 Feb 01 j 08:02	25°♒02'21		
evening set	-111 Feb 03 j 23:38	24°♒30'03		
inferior conj	-111 Feb 10 j 15:13	19°♒29'58	3°47'26	
minimum elong	-111 Feb 10 j 16:16	19°♒27'24	3°47'23	
min. Earth dist.	-111 Feb 13 j 18:07	16°♒30'23	0.61246 AU	
morning rise	-111 Feb 17 j 06:15	13°♒40'06		
direct	-111 Feb 24 j 03:02	11°♒19'46		
desc. node	-111 Mar 01 j 14:29	12°♒40'05		
morning max el	-111 Mar 10 j 06:46	19°♒09'31	27°42'16	
	-111 Mar 19 j 11:44	0°♓		
	-111 Apr 06 j 21:01	0°♈		
morning set	-111 Apr 11 j 20:48	9°♈53'41		
max. Earth dist.	-111 Apr 17 j 23:21	22°♈51'00	1.32471 AU	
asc. node	-111 Apr 18 j 20:27	24°♈45'50		
superior conj	-111 Apr 19 j 04:52	25°♈31'48	0°03'44	
minimum elong	-111 Apr 19 j 04:41	25°♈30'51	0°03'41	
behind sun begin	-111 Apr 18 j 23:44	25°♈03'47		
behind sun end	-111 Apr 19 j 09:39	25°♈57'56		
	-111 Apr 21 j 05:55	0°♉		
evening rise	-111 Apr 26 j 03:53	10°♉36'58		
	-111 May 06 j 03:09	0°♊		
evening max el	-111 May 22 j 06:44	22°♊03'47	24°57'03	
desc. node	-111 May 28 j 13:41	26°♊54'56		
retrograde	-111 Jun 05 j 06:27	29°♊10'06		
evening set	-111 Jun 10 j 12:05	28°♊07'28		
min. Earth dist.	-111 Jun 15 j 18:16	25°♊18'55	0.57413 AU	
inferior conj	-111 Jun 18 j 18:29	23°♊18'44	-4°-35'-17	
minimum elong	-111 Jun 18 j 15:13	23°♊24'12	4°34'59	
morning rise	-111 Jun 26 j 22:13	19°♊08'31		
direct	-111 Jun 29 j 11:42	18°♊49'31		
morning max el	-111 Jul 08 j 09:53	22°♊59'23	19°09'59	
	-111 Jul 14 j 04:38	0°♋		
asc. node	-111 Jul 15 j 19:41	2°♋29'44		
morning set	-111 Jul 25 j 07:05	19°♋54'15		
	-111 Jul 30 j 09:01	0°♌		
superior conj	-111 Aug 02 j 14:52	6°♌21'05	1°46'56	
minimum elong	-111 Aug 02 j 15:25	6°♌23'45	1°46'55	
max. Earth dist.	-111 Aug 09 j 03:26	18°♌36'09	1.38363 AU	
evening rise	-111 Aug 12 j 23:56	25°♌27'56		
	-111 Aug 15 j 15:12	0°♍		
desc. node	-111 Aug 24 j 13:04	14°♍25'25		

	-111 Sep 04 j 05:37	0°♎		
evening max el	-111 Sep 17 j 15:16	16°♎09'48	24°47'42	
retrograde	-111 Sep 29 j 05:01	22°♎54'08		
evening set	-111 Oct 04 j 19:07	20°♎33'32		
min. Earth dist.	-111 Oct 09 j 09:55	15°♎18'56	0.67301 AU	
inferior conj	-111 Oct 10 j 06:33	14°♎10'32	0°-31'-20	
minimum elong	-111 Oct 10 j 07:20	14°♎07'58	0°31'01	
asc. node	-111 Oct 11 j 18:54	12°♎12'14		
morning rise	-111 Oct 15 j 20:00	8°♎06'21		
direct	-111 Oct 19 j 09:45	6°♎52'49		
morning max el	-111 Oct 26 j 23:58	11°♎14'04	19°59'22	
greatest brilliancy	-111 Nov 03 j 07:23	20°♎12'02	-0.6m	
	-111 Nov 10 j 02:36	0°♏		
desc. node	-111 Nov 20 j 12:23	15°♏47'52		
morning set	-111 Nov 22 j 07:33	18°♏34'20		
	-111 Nov 29 j 15:27	0°♐		
max. Earth dist.	-111 Dec 03 j 17:58	6°♐30'23	1.43951 AU	
superior conj	-111 Dec 08 j 21:31	14°♐48'13	-1°-42'-46	
minimum elong	-111 Dec 08 j 14:28	14°♐19'30	1°42'14	
	-111 Dec 18 j 01:00	0°♑		
evening rise	-111 Dec 22 j 03:45	7°♑01'01		
	-110 Jan 05 j 04:27	0°♒		
asc. node	-110 Jan 07 j 18:11	3°♒18'40		
evening max el	-110 Jan 09 j 04:20	4°♒51'46	18°13'45	
retrograde	-110 Jan 15 j 16:04	8°♒20'11		
evening set	-110 Jan 18 j 11:56	7°♒38'32		
inferior conj	-110 Jan 24 j 16:42	2°♒17'59	3°48'52	
minimum elong	-110 Jan 24 j 15:45	2°♒20'34	3°48'48	
	-110 Jan 26 j 19:20	30°℞♑		
min. Earth dist.	-110 Jan 27 j 06:01	29°♑31'40	0.63202 AU	
morning rise	-110 Jan 30 j 17:45	26°♑16'41		
direct	-110 Feb 06 j 17:18	23°♑33'26		
desc. node	-110 Feb 16 j 11:33	27°♑46'00		
	-110 Feb 19 j 02:10	0°♒		
morning max el	-110 Feb 20 j 13:47	1°♒25'26	27°43'16	
	-110 Mar 13 j 15:38	0°♓		
morning set	-110 Mar 26 j 20:26	24°♓08'12		
	-110 Mar 29 j 17:28	0°♈		
max. Earth dist.	-110 Apr 01 j 05:51	5°♈16'42	1.32993 AU	
superior conj	-110 Apr 03 j 13:10	10°♈12'23	0°-22'-50	
minimum elong	-110 Apr 03 j 14:15	10°♈18'16	0°22'38	
asc. node	-110 Apr 05 j 17:29	14°♈54'50		
evening rise	-110 Apr 10 j 15:40	25°♈29'07		
	-110 Apr 12 j 19:42	0°♉		
	-110 May 01 j 07:55	0°♊		
evening max el	-110 May 03 j 21:07	2°♊39'28	23°23'34	
desc. node	-110 May 15 j 10:43	9°♊17'05		
retrograde	-110 May 17 j 10:56	9°♊26'16		
evening set	-110 May 21 j 05:34	8°♊54'55		
min. Earth dist.	-110 May 28 j 07:16	5°♊40'40	0.55854 AU	
inferior conj	-110 May 30 j 06:34	4°♊30'38	-3°-45'-29	
minimum elong	-110 May 29 j 23:37	4°♊40'58	3°43'55	
morning rise	-110 Jun 07 j 21:04	0°♊35'12		
direct	-110 Jun 10 j 13:47	0°♊17'23		
morning max el	-110 Jun 21 j 01:19	5°♊08'14	20°16'52	
asc. node	-110 Jul 02 j 16:44	21°♊18'42		
	-110 Jul 07 j 06:31	0°♋		
morning set	-110 Jul 09 j 11:46	4°♋27'56		
superior conj	-110 Jul 17 j 05:32	20°♋18'25	1°45'06	
minimum elong	-110 Jul 17 j 04:26	20°♋12'50	1°45'05	
	-110 Jul 22 j 03:19	0°♌		
max. Earth dist.	-110 Jul 22 j 08:44	0°♌26'05	1.36470 AU	
evening rise	-110 Jul 26 j 08:50	7°♌57'25		
	-110 Aug 08 j 08:50	0°♍		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-110 Aug 11 j 10:03	4°♍40'24	
evening max el	-110 Aug 31 j 02:38	29°♍46'13	25°57'49
	-110 Aug 31 j 08:20	0°♎	
retrograde	-110 Sep 12 j 13:41	6°♎52'27	
evening set	-110 Sep 18 j 18:17	4°♎17'11	
	-110 Sep 22 j 18:17	30°℞♍	
min. Earth dist.	-110 Sep 23 j 01:03	29°♍39'00	0.66643 AU
inferior conj	-110 Sep 24 j 08:53	27°♍58'50	-1°-27'-24
minimum elong	-110 Sep 24 j 11:06	27°♍51'52	1°26'30
asc. node	-110 Sep 28 j 15:57	23°♍11'41	
morning rise	-110 Sep 30 j 04:47	22°♍03'58	
direct	-110 Oct 03 j 08:06	21°♍07'20	
morning max el	-110 Oct 10 j 07:04	25°♍01'42	19°02'47
	-110 Oct 14 j 12:12	0°♎	
morning set	-110 Nov 01 j 15:27	27°♎23'03	
	-110 Nov 03 j 07:29	0°♏	
desc. node	-110 Nov 07 j 09:23	6°♏23'48	
max. Earth dist.	-110 Nov 16 j 09:42	20°♏32'50	1.44839 AU
superior conj	-110 Nov 18 j 06:50	23°♏30'50	-1°-7'-31
minimum elong	-110 Nov 17 j 23:02	23°♏00'02	1°06'38
	-110 Nov 22 j 09:02	0°♐	
evening rise	-110 Dec 03 j 10:14	17°♐49'03	
	-110 Dec 10 j 21:22	0°♑	
evening max el	-110 Dec 23 j 16:07	18°♑14'44	18°38'05
asc. node	-110 Dec 25 j 15:13	20°♑01'31	
retrograde	-110 Dec 30 j 07:47	21°♑57'02	
evening set	-109 Jan 02 j 08:49	21°♑04'51	
inferior conj	-109 Jan 08 j 05:40	15°♑26'01	3°33'04
minimum elong	-109 Jan 08 j 03:27	15°♑32'42	3°32'43
min. Earth dist.	-109 Jan 10 j 03:41	13°♑08'26	0.64843 AU
morning rise	-109 Jan 13 j 20:50	9°♑17'36	
direct	-109 Jan 20 j 14:57	6°♑26'16	
morning max el	-109 Feb 02 j 23:15	14°♑11'45	27°09'51
desc. node	-109 Feb 03 j 08:35	14°♑35'20	
	-109 Feb 15 j 20:20	0°♒	
	-109 Mar 06 j 07:04	0°♓	
morning set	-109 Mar 10 j 10:57	7°♓51'40	
max. Earth dist.	-109 Mar 15 j 03:12	17°♓10'34	1.33939 AU
superior conj	-109 Mar 18 j 16:56	24°♓35'10	0°-49'-39
minimum elong	-109 Mar 18 j 19:19	24°♓47'40	0°49'12
	-109 Mar 21 j 06:23	0°♈	
asc. node	-109 Mar 23 j 14:31	4°♈58'03	
evening rise	-109 Mar 26 j 02:18	10°♈13'02	
	-109 Apr 05 j 12:03	0°♉	
evening max el	-109 Apr 15 j 15:42	13°♉19'58	21°50'00
retrograde	-109 Apr 28 j 03:58	19°♉26'44	
evening set	-109 Apr 30 j 18:47	19°♉11'25	
desc. node	-109 May 02 j 07:45	18°♉48'54	
inferior conj	-109 May 10 j 04:04	15°♉07'56	-2°-11'-34
minimum elong	-109 May 09 j 22:12	15°♉16'11	2°09'39
min. Earth dist.	-109 May 09 j 20:14	15°♉18'56	0.55049 AU
morning rise	-109 May 19 j 02:42	11°♉11'51	
direct	-109 May 22 j 02:30	10°♉52'02	
morning max el	-109 Jun 03 j 05:40	16°♉34'38	21°42'32
	-109 Jun 13 j 15:33	0°♊	
asc. node	-109 Jun 19 j 13:46	10°♊37'34	
morning set	-109 Jun 23 j 20:45	19°♊16'15	
	-109 Jun 28 j 23:13	0°♋	
superior conj	-109 Jul 01 j 05:22	4°♋44'20	1°36'27
minimum elong	-109 Jul 01 j 03:15	4°♋33'19	1°36'17
max. Earth dist.	-109 Jul 04 j 21:52	12°♋19'58	1.34889 AU
evening rise	-109 Jul 09 j 11:13	21°♋19'18	
	-109 Jul 14 j 03:10	0°♌	
desc. node	-109 Jul 29 j 07:04	24°♌33'24	

	-109 Aug 02 j 04:58	0°♍	
evening max el	-109 Aug 13 j 14:34	13°♍19'31	26°51'31
retrograde	-109 Aug 26 j 17:08	20°♍36'32	
evening set	-109 Sep 02 j 10:36	17°♍52'48	
min. Earth dist.	-109 Sep 06 j 09:58	13°♍52'06	0.65637 AU
inferior conj	-109 Sep 08 j 05:59	11°♍43'17	-2°-22'-56
minimum elong	-109 Sep 08 j 09:34	11°♍32'48	2°21'38
morning rise	-109 Sep 14 j 09:53	6°♍00'49	
asc. node	-109 Sep 15 j 12:59	5°♍32'53	
direct	-109 Sep 17 j 05:11	5°♍17'18	
morning max el	-109 Sep 23 j 19:32	8°♍53'48	18°22'17
	-109 Oct 08 j 10:45	0°♎	
morning set	-109 Oct 13 j 02:24	7°♎33'56	
desc. node	-109 Oct 25 j 06:24	27°♎06'37	
	-109 Oct 27 j 02:13	0°♏	
superior conj	-109 Oct 28 j 07:25	1°♏55'16	0°-19'-53
minimum elong	-109 Oct 28 j 04:48	1°♏44'58	0°19'33
max. Earth dist.	-109 Oct 30 j 04:06	4°♏51'13	1.45007 AU
evening rise	-109 Nov 13 j 16:57	27°♏38'52	
	-109 Nov 15 j 04:56	0°♐	
greatest brilliancy	-109 Nov 27 j 15:17	19°♐16'24	-0.7m
	-109 Dec 05 j 11:56	0°♑	
evening max el	-109 Dec 07 j 00:59	1°♑41'47	19°19'33
asc. node	-109 Dec 12 j 12:15	5°♑32'14	
retrograde	-109 Dec 14 j 03:43	5°♑47'17	
evening set	-109 Dec 17 j 11:29	4°♑42'49	
	-109 Dec 22 j 04:15	30°℞♐	
inferior conj	-109 Dec 23 j 02:47	28°♐48'15	3°04'51
minimum elong	-109 Dec 23 j 00:01	28°♐57'09	3°04'09
min. Earth dist.	-109 Dec 24 j 10:08	27°♐07'35	0.66107 AU
morning rise	-109 Dec 28 j 11:43	22°♐35'28	
direct	-108 Jan 03 j 18:42	19°♐49'48	
morning max el	-108 Jan 16 j 08:34	27°♐15'44	26°08'53
	-108 Jan 18 j 22:35	0°♑	
desc. node	-108 Jan 21 j 05:37	2°♑38'16	
	-108 Feb 09 j 12:09	0°♒	
morning set	-108 Feb 21 j 12:19	20°♒50'55	
max. Earth dist.	-108 Feb 25 j 12:51	28°♒30'00	1.35347 AU
	-108 Feb 26 j 07:17	0°♓	
superior conj	-108 Mar 01 j 13:45	8°♓32'01	-1°-15'-18
minimum elong	-108 Mar 01 j 17:11	8°♓49'30	1°14'46
evening rise	-108 Mar 09 j 09:50	24°♓41'38	
asc. node	-108 Mar 09 j 11:33	24°♓50'28	
	-108 Mar 12 j 00:44	0°♈	
evening max el	-108 Mar 27 j 19:58	24°♈28'37	20°27'42
retrograde	-108 Apr 07 j 17:04	29°♈42'34	
evening set	-108 Apr 09 j 20:37	29°♈31'11	
desc. node	-108 Apr 18 j 04:48	26°♈00'20	
inferior conj	-108 Apr 18 j 23:08	25°♈33'44	0°-13'-8
minimum elong	-108 Apr 18 j 22:31	25°♈34'37	0°12'56
transit middle	-108 Apr 18 j 22:31	25°♈34'37	0°12'56
transit begin	-108 Apr 18 j 20:10	25°♈38'03	
transit end	-108 Apr 19 j 00:53	25°♈31'12	
min. Earth dist.	-108 Apr 20 j 09:43	24°♈43'26	0.55193 AU
morning rise	-108 Apr 27 j 22:30	21°♈18'39	
direct	-108 May 01 j 14:27	20°♈49'31	
morning max el	-108 May 15 j 00:36	27°♈22'25	23°21'01
	-108 May 17 j 14:20	0°♉	
asc. node	-108 Jun 05 j 10:48	0°♊17'49	
	-108 Jun 05 j 07:19	0°♊	
morning set	-108 Jun 07 j 08:04	4°♊12'23	
superior conj	-108 Jun 14 j 11:16	19°♊28'21	1°22'27
minimum elong	-108 Jun 14 j 08:46	19°♊15'00	1°22'07
max. Earth dist.	-108 Jun 16 j 20:47	24°♊34'20	1.33689 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-108 Jun 19 j 11:17	0°♋	
evening rise	-108 Jun 22 j 02:20	5°♋19'03	
	-108 Jul 05 j 19:07	0°♌	
desc. node	-108 Jul 15 j 04:06	13°♌54'07	
evening max el	-108 Jul 26 j 02:11	26°♌38'28	27°21'28
	-108 Jul 30 j 00:10	0°♍	
retrograde	-108 Aug 08 j 14:47	3°♍57'48	
evening set	-108 Aug 15 j 17:14	1°♍14'59	
	-108 Aug 17 j 05:13	30°℞♌	
min. Earth dist.	-108 Aug 19 j 10:21	27°♌50'22	0.64266 AU
inferior conj	-108 Aug 21 j 19:27	25°♌18'16	-3°-15'-27
minimum elong	-108 Aug 22 j 00:00	25°♌06'05	3°14'05
morning rise	-108 Aug 28 j 08:39	19°♌51'40	
direct	-108 Aug 30 j 22:31	19°♌17'42	
asc. node	-108 Sep 01 j 10:01	19°♌28'59	
morning max el	-108 Sep 06 j 10:53	22°♌44'41	17°58'58
	-108 Sep 12 j 03:18	0°♍	
morning set	-108 Sep 23 j 17:09	19°♍05'45	
	-108 Sep 30 j 04:09	0°♎	
superior conj	-108 Oct 06 j 21:09	11°♎02'04	0°27'57
minimum elong	-108 Oct 07 j 00:16	11°♎14'40	0°27'32
desc. node	-108 Oct 11 j 03:27	17°♎53'02	
max. Earth dist.	-108 Oct 11 j 22:26	19°♎08'36	1.44440 AU
	-108 Oct 18 j 20:12	0°♏	
evening rise	-108 Oct 23 j 04:56	6°♏45'25	
	-108 Nov 07 j 14:15	0°♐	
greatest brilliancy	-108 Nov 12 j 16:46	7°♐13'20	-0.6m
evening max el	-108 Nov 19 j 05:09	15°♐10'29	20°16'14
retrograde	-108 Nov 27 j 01:19	19°♐47'05	
asc. node	-108 Nov 28 j 09:17	19°♐36'59	
evening set	-108 Nov 30 j 17:40	18°♐28'23	
inferior conj	-108 Dec 06 j 05:22	12°♐20'58	2°27'27
minimum elong	-108 Dec 06 j 02:40	12°♐30'04	2°26'35
min. Earth dist.	-108 Dec 06 j 23:31	11°♐19'50	0.66982 AU
morning rise	-108 Dec 11 j 11:08	6°♐05'55	
direct	-108 Dec 17 j 03:49	3°♐35'51	
morning max el	-108 Dec 28 j 17:06	10°♐28'42	24°49'47
desc. node	-107 Jan 07 j 02:40	21°♐33'29	
	-107 Jan 13 j 06:06	0°♑	
	-107 Feb 01 j 04:18	0°♒	
morning set	-107 Feb 02 j 19:18	2°♒51'18	
max. Earth dist.	-107 Feb 06 j 12:18	9°♒33'09	1.37176 AU
superior conj	-107 Feb 13 j 00:33	21°♒54'34	-1°-37'-52
minimum elong	-107 Feb 13 j 04:24	22°♒13'24	1°37'26
	-107 Feb 17 j 02:38	0°♓	
evening rise	-107 Feb 21 j 12:04	8°♓48'39	
asc. node	-107 Feb 24 j 08:37	14°♓27'16	
	-107 Mar 05 j 07:27	0°♈	
evening max el	-107 Mar 10 j 11:28	6°♈15'01	19°22'58
retrograde	-107 Mar 19 j 15:57	10°♈39'53	
evening set	-107 Mar 21 j 20:02	10°♈26'12	
inferior conj	-107 Mar 30 j 05:58	6°♈18'31	1°36'01
minimum elong	-107 Mar 30 j 09:36	6°♈12'34	1°34'51
min. Earth dist.	-107 Apr 02 j 00:20	4°♈30'11	0.56248 AU
desc. node	-107 Apr 05 j 01:50	2°♈43'17	
morning rise	-107 Apr 07 j 19:22	1°♈31'51	
direct	-107 Apr 12 j 12:08	0°♈41'35	
morning max el	-107 Apr 26 j 15:20	7°♈52'18	25°00'51
	-107 May 12 j 21:57	0°♉	
morning set	-107 May 22 j 20:04	19°♉11'06	
asc. node	-107 May 23 j 07:52	20°♉13'23	
	-107 May 27 j 20:40	0°♊	
superior conj	-107 May 29 j 20:56	4°♊23'14	1°04'12
minimum elong	-107 May 29 j 18:36	4°♊10'29	1°03'48
max. Earth dist.	-107 May 31 j 03:47	7°♊10'50	1.32873 AU
evening rise	-107 Jun 06 j 02:27	19°♊45'31	
	-107 Jun 11 j 07:02	0°♋	
	-107 Jun 30 j 01:40	0°♌	
desc. node	-107 Jul 02 j 01:08	2°♌29'08	
evening max el	-107 Jul 08 j 11:09	9°♌29'26	27°21'35
retrograde	-107 Jul 22 j 05:58	16°♌47'28	
evening set	-107 Jul 29 j 10:38	14°♌17'53	
min. Earth dist.	-107 Aug 02 j 00:33	11°♌22'56	0.62549 AU
inferior conj	-107 Aug 04 j 22:23	8°♌37'02	-4°-1'-9
minimum elong	-107 Aug 05 j 03:01	8°♌25'57	4°00'10
morning rise	-107 Aug 11 j 21:54	3°♌29'51	
direct	-107 Aug 14 j 08:51	3°♌02'33	
asc. node	-107 Aug 19 j 07:05	4°♌54'36	
morning max el	-107 Aug 21 j 02:16	6°♌28'14	17°53'38
	-107 Sep 05 j 07:32	0°♍	
morning set	-107 Sep 06 j 06:05	1°♍40'49	
superior conj	-107 Sep 17 j 12:57	21°♍26'24	1°06'05
minimum elong	-107 Sep 17 j 17:58	21°♍47'41	1°05'29
	-107 Sep 22 j 16:01	0°♎	
max. Earth dist.	-107 Sep 24 j 13:17	3°♎04'53	1.43214 AU
desc. node	-107 Sep 28 j 00:28	8°♎39'24	
evening rise	-107 Oct 02 j 12:21	15°♎44'07	
	-107 Oct 11 j 20:57	0°♏	
greatest brilliancy	-107 Oct 28 j 02:04	22°♏48'38	-0.4m
evening max el	-107 Nov 02 j 03:28	28°♏38'51	21°25'22
	-107 Nov 03 j 12:47	0°♐	
retrograde	-107 Nov 10 j 22:28	3°♐52'29	
evening set	-107 Nov 15 j 01:25	2°♐17'38	
asc. node	-107 Nov 15 j 06:20	2°♐07'50	
	-107 Nov 17 j 09:44	30°℞♏	
inferior conj	-107 Nov 20 j 11:10	26°♏00'47	1°43'09
minimum elong	-107 Nov 20 j 09:01	26°♏08'11	1°42'20
min. Earth dist.	-107 Nov 20 j 17:39	25°♏38'27	0.67491 AU
morning rise	-107 Nov 25 j 16:21	19°♏45'28	
direct	-107 Nov 30 j 17:35	17°♏36'25	
morning max el	-107 Dec 11 j 02:11	23°♏46'12	23°22'31
greatest brilliancy	-107 Dec 16 j 12:26	29°♏53'06	-0.2m
	-107 Dec 16 j 14:41	0°♐	
desc. node	-107 Dec 24 j 23:43	11°♐05'26	
	-106 Jan 06 j 16:33	0°♑	
morning set	-106 Jan 15 j 01:33	13°♑35'58	
max. Earth dist.	-106 Jan 19 j 07:34	20°♑52'43	1.39264 AU
	-106 Jan 24 j 10:17	0°♒	
superior conj	-106 Jan 26 j 21:14	4°♒31'29	-1°-54'-35
minimum elong	-106 Jan 27 j 00:14	4°♒45'28	1°54'26
evening rise	-106 Feb 05 j 06:14	22°♒26'14	
	-106 Feb 09 j 05:22	0°♓	
asc. node	-106 Feb 11 j 05:40	3°♓42'01	
evening max el	-106 Feb 21 j 12:33	18°♓36'20	18°38'05
retrograde	-106 Mar 01 j 08:47	22°♓25'47	
evening set	-106 Mar 03 j 17:13	22°♓06'23	
inferior conj	-106 Mar 11 j 08:42	17°♓40'13	2°53'31
minimum elong	-106 Mar 11 j 12:54	17°♓32'10	2°52'34
min. Earth dist.	-106 Mar 14 j 17:50	15°♓06'01	0.57974 AU
morning rise	-106 Mar 19 j 04:29	12°♓22'03	
desc. node	-106 Mar 22 j 22:53	11°♓08'28	
direct	-106 Mar 24 j 23:27	10°♓58'08	
morning max el	-106 Apr 08 j 07:58	18°♓32'30	26°26'46
	-106 Apr 17 j 22:30	0°♈	
	-106 May 05 j 07:27	0°♉	
morning set	-106 May 07 j 07:06	4°♉06'35	
asc. node	-106 May 10 j 04:57	10°♉18'52	
superior conj	-106 May 14 j 08:28	19°♉22'28	0°42'38

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-106 May 14 j 06:43	19°♉12'50	0°42'16
max. Earth dist.	-106 May 14 j 15:27	20°♉00'50	1.32424 AU
	-106 May 19 j 05:42	0°♊	
evening rise	-106 May 21 j 08:39	4°♊29'20	
	-106 Jun 04 j 00:53	0°♋	
desc. node	-106 Jun 18 j 22:09	19°♋59'36	
evening max el	-106 Jun 20 j 14:54	21°♋40'50	26°48'49
retrograde	-106 Jul 04 j 14:07	28°♋56'57	
evening set	-106 Jul 11 j 10:27	26°♋54'28	
min. Earth dist.	-106 Jul 15 j 04:34	24°♋15'58	0.60565 AU
inferior conj	-106 Jul 18 j 11:26	21°♋31'39	-4°-33'-57
minimum elong	-106 Jul 18 j 14:33	21°♋25'06	4°33'37
morning rise	-106 Jul 25 j 21:49	16°♋46'38	
direct	-106 Jul 28 j 08:12	16°♋23'46	
morning max el	-106 Aug 04 j 14:47	19°♋57'35	18°07'16
asc. node	-106 Aug 06 j 04:09	21°♋36'08	
	-106 Aug 12 j 02:11	0°♌	
morning set	-106 Aug 20 j 11:25	15°♌03'26	
	-106 Aug 28 j 13:09	0°♍	
superior conj	-106 Aug 30 j 07:20	3°♍09'51	1°31'11
minimum elong	-106 Aug 30 j 11:13	3°♍27'15	1°30'50
max. Earth dist.	-106 Sep 06 j 22:19	16°♍23'23	1.41496 AU
evening rise	-106 Sep 12 j 09:04	25°♍21'28	
desc. node	-106 Sep 14 j 21:30	29°♍22'47	
	-106 Sep 15 j 06:55	0°♎	
	-106 Oct 05 j 17:54	0°♏	
greatest brilliancy	-106 Oct 10 j 22:03	6°♏37'00	-0.3m
evening max el	-106 Oct 15 j 20:17	12°♏08'16	22°42'51
retrograde	-106 Oct 25 j 17:33	18°♏00'49	
evening set	-106 Oct 30 j 08:58	16°♏08'24	
asc. node	-106 Nov 02 j 03:23	13°♏15'30	
inferior conj	-106 Nov 04 j 18:17	9°♏45'55	0°53'40
minimum elong	-106 Nov 04 j 17:04	9°♏50'08	0°53'09
min. Earth dist.	-106 Nov 04 j 14:07	10°♏00'19	0.67666 AU
morning rise	-106 Nov 10 j 01:06	3°♏32'39	
direct	-106 Nov 14 j 11:23	1°♏46'12	
morning max el	-106 Nov 23 j 14:54	7°♏09'48	21°56'19
greatest brilliancy	-106 Nov 28 j 09:33	12°♏33'49	-0.4m
	-106 Dec 11 j 03:21	0°♐	
desc. node	-106 Dec 11 j 20:46	1°♐03'51	
morning set	-106 Dec 26 j 02:42	22°♐56'25	
	-106 Dec 30 j 10:59	0°♑	
max. Earth dist.	-105 Jan 01 j 05:52	2°♑57'50	1.41349 AU
superior conj	-105 Jan 08 j 22:47	16°♑10'45	-2°-1'-45
minimum elong	-105 Jan 08 j 22:58	16°♑11'34	2°01'47
	-105 Jan 16 j 14:22	0°♒	
evening rise	-105 Jan 19 j 13:02	5°♒26'48	
asc. node	-105 Jan 29 j 02:42	22°♒27'44	
	-105 Feb 03 j 12:16	0°♓	
evening max el	-105 Feb 04 j 20:29	1°♓25'23	18°13'18
retrograde	-105 Feb 11 j 19:44	4°♓55'16	
evening set	-105 Feb 14 j 08:48	4°♓28'06	
	-105 Feb 20 j 23:29	30°♑℞♒	
inferior conj	-105 Feb 21 j 08:09	29°♒40'45	3°36'13
minimum elong	-105 Feb 21 j 10:33	29°♒35'25	3°35'56
min. Earth dist.	-105 Feb 24 j 16:35	26°♒42'52	0.60040 AU
morning rise	-105 Feb 28 j 08:59	23°♒59'51	
direct	-105 Mar 06 j 23:25	21°♒58'02	
desc. node	-105 Mar 09 j 19:56	22°♒19'45	
morning max el	-105 Mar 21 j 06:05	29°♒44'59	27°24'46
	-105 Mar 21 j 12:10	0°♓	
	-105 Apr 11 j 20:14	0°♈	
morning set	-105 Apr 21 j 15:22	18°♈52'00	
	-105 Apr 26 j 20:38	0°♉	
asc. node	-105 Apr 27 j 02:00	0°♉29'10	
max. Earth dist.	-105 Apr 28 j 04:05	2°♉51'46	1.32343 AU
superior conj	-105 Apr 28 j 20:05	4°♉19'27	0°18'29
minimum elong	-105 Apr 28 j 19:15	4°♉14'55	0°18'18
evening rise	-105 May 05 j 18:33	19°♉22'06	
	-105 May 11 j 00:14	0°♊	
	-105 May 30 j 11:34	0°♋	
evening max el	-105 Jun 02 j 11:56	3°♋07'04	25°44'57
desc. node	-105 Jun 05 j 19:10	5°♋58'12	
retrograde	-105 Jun 16 j 13:19	10°♋19'03	
evening set	-105 Jun 22 j 12:17	8°♋54'17	
min. Earth dist.	-105 Jun 27 j 00:19	6°♋14'05	0.58509 AU
inferior conj	-105 Jun 30 j 06:57	3°♋51'54	-4°-44'-21
minimum elong	-105 Jun 30 j 06:26	3°♋52'50	4°44'21
	-105 Jul 06 j 15:51	30°♋℞♊	
morning rise	-105 Jul 08 j 04:20	29°♊29'32	
direct	-105 Jul 10 j 16:06	29°♊09'33	
	-105 Jul 14 j 12:08	0°♋	
morning max el	-105 Jul 18 j 21:14	3°♋02'53	18°41'02
asc. node	-105 Jul 24 j 01:13	9°♋17'29	
morning set	-105 Aug 04 j 04:27	29°♋00'32	
	-105 Aug 04 j 16:41	0°♌	
superior conj	-105 Aug 12 j 23:08	15°♌57'04	1°44'08
minimum elong	-105 Aug 13 j 00:53	16°♌05'18	1°44'04
max. Earth dist.	-105 Aug 20 j 02:16	28°♌57'22	1.39518 AU
	-105 Aug 20 j 16:32	0°♍	
evening rise	-105 Aug 24 j 05:26	6°♍05'28	
desc. node	-105 Sep 01 j 18:30	19°♍58'50	
	-105 Sep 08 j 09:10	0°♎	
evening max el	-105 Sep 28 j 09:21	25°♎40'36	24°03'08
	-105 Oct 03 j 12:08	0°♏	
retrograde	-105 Oct 09 j 09:11	2°♏08'19	
evening set	-105 Oct 14 j 14:39	29°♎57'56	
	-105 Oct 14 j 13:40	30°♋℞♎	
min. Earth dist.	-105 Oct 19 j 10:27	24°♎22'58	0.67523 AU
inferior conj	-105 Oct 20 j 00:55	23°♎33'57	0°00'26
minimum elong	-105 Oct 20 j 00:55	23°♎33'59	0°00'26
transit middle	-105 Oct 20 j 00:55	23°♎33'59	0°00'26
transit begin	-105 Oct 19 j 22:11	23°♎43'13	
transit end	-105 Oct 20 j 03:38	23°♎24'45	
asc. node	-105 Oct 20 j 00:25	23°♎35'39	
morning rise	-105 Oct 25 j 11:23	17°♎25'24	
direct	-105 Oct 29 j 08:07	16°♎00'28	
morning max el	-105 Nov 06 j 10:12	20°♎42'07	20°38'26
greatest brilliancy	-105 Nov 12 j 12:04	27°♎53'18	-0.5m
	-105 Nov 14 j 02:05	0°♏	
desc. node	-105 Nov 28 j 17:48	21°♏20'59	
	-105 Dec 04 j 09:09	0°♐	
morning set	-105 Dec 05 j 04:00	1°♐13'05	
max. Earth dist.	-105 Dec 14 j 11:32	15°♐58'01	1.43144 AU
superior conj	-105 Dec 20 j 23:53	26°♐40'23	-1°-54'-48
minimum elong	-105 Dec 20 j 19:24	26°♐21'36	1°54'36
	-105 Dec 22 j 23:23	0°♑	
evening rise	-104 Jan 02 j 04:26	17°♑42'02	
	-104 Jan 09 j 05:04	0°♒	
asc. node	-104 Jan 15 j 23:44	10°♒35'25	
evening max el	-104 Jan 19 j 08:12	14°♒33'47	18°08'11
retrograde	-104 Jan 25 j 21:17	17°♒58'44	
evening set	-104 Jan 28 j 14:41	17°♒22'36	
inferior conj	-104 Feb 04 j 01:18	12°♒13'55	3°50'30
minimum elong	-104 Feb 04 j 01:26	12°♒13'34	3°50'30
min. Earth dist.	-104 Feb 06 j 23:01	9°♒17'25	0.62109 AU
morning rise	-104 Feb 10 j 09:54	6°♒18'43	
direct	-104 Feb 17 j 09:15	3°♒46'34	
desc. node	-104 Feb 24 j 16:59	6°♒10'08	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning max el	-104 Mar 02 j 10:08	11°♒38'14	27°47'06
	-104 Mar 16 j 22:21	0°♓	
	-104 Apr 03 j 02:59	0°♈	
morning set	-104 Apr 04 j 18:51	3°♈20'33	
max. Earth dist.	-104 Apr 10 j 13:54	15°♈30'43	1.32643 AU
superior conj	-104 Apr 12 j 06:09	19°♈08'28	0°-7'-26
minimum elong	-104 Apr 12 j 06:29	19°♈10'22	0°07'22
behind sun begin	-104 Apr 12 j 01:54	18°♈45'29	
behind sun end	-104 Apr 12 j 11:04	19°♈35'16	
asc. node	-104 Apr 12 j 23:02	20°♈40'19	
	-104 Apr 17 j 06:05	0°♉	
evening rise	-104 Apr 19 j 06:13	4°♉17'02	
	-104 May 03 j 02:35	0°♊	
evening max el	-104 May 14 j 03:34	13°♊56'00	24°18'19
desc. node	-104 May 22 j 16:10	19°♊50'13	
retrograde	-104 May 28 j 00:46	20°♊55'40	
evening set	-104 Jun 01 j 15:27	20°♊08'14	
min. Earth dist.	-104 Jun 07 j 14:55	17°♊10'04	0.56681 AU
inferior conj	-104 Jun 10 j 06:25	15°♊29'56	-4°-19'-50
minimum elong	-104 Jun 10 j 01:14	15°♊38'09	4°19'03
morning rise	-104 Jun 18 j 14:47	11°♊26'53	
direct	-104 Jun 21 j 05:27	11°♊08'32	
morning max el	-104 Jun 30 j 18:42	15°♊34'33	19°35'49
asc. node	-104 Jul 09 j 22:16	27°♊45'14	
	-104 Jul 11 j 05:31	0°♋	
morning set	-104 Jul 18 j 05:42	13°♋23'16	
superior conj	-104 Jul 26 j 06:50	29°♋32'37	1°47'05
minimum elong	-104 Jul 26 j 06:36	29°♋31'30	1°47'06
	-104 Jul 26 j 12:23	0°♌	
max. Earth dist.	-104 Aug 01 j 05:39	10°♌57'56	1.37536 AU
evening rise	-104 Aug 05 j 02:09	17°♌59'21	
	-104 Aug 12 j 02:23	0°♍	
desc. node	-104 Aug 18 j 15:30	10°♍23'08	
	-104 Sep 01 j 16:01	0°♎	
evening max el	-104 Sep 09 j 21:00	9°♎16'45	25°19'08
retrograde	-104 Sep 21 j 20:24	16°♎11'11	
evening set	-104 Sep 27 j 16:43	13°♎44'07	
min. Earth dist.	-104 Oct 02 j 04:09	8°♎44'37	0.67063 AU
inferior conj	-104 Oct 03 j 05:21	7°♎22'45	0°-55'-3
minimum elong	-104 Oct 03 j 06:44	7°♎18'16	0°54'29
asc. node	-104 Oct 05 j 21:28	4°♎04'35	
morning rise	-104 Oct 08 j 21:18	1°♎21'58	
direct	-104 Oct 12 j 06:26	0°♎15'52	
morning max el	-104 Oct 19 j 13:09	4°♎24'19	19°33'22
greatest brilliancy	-104 Oct 28 j 04:39	15°♎23'14	-0.7m
	-104 Nov 06 j 22:39	0°♏	
morning set	-104 Nov 13 j 02:23	9°♏29'53	
desc. node	-104 Nov 14 j 14:48	11°♏51'09	
max. Earth dist.	-104 Nov 26 j 00:43	29°♏44'10	1.44414 AU
	-104 Nov 26 j 04:42	0°♐	
superior conj	-104 Nov 29 j 22:06	5°♐56'16	-1°-29'-55
minimum elong	-104 Nov 29 j 13:57	5°♐23'37	1°29'09
evening rise	-104 Dec 14 j 00:00	29°♐03'19	
	-104 Dec 14 j 13:30	0°♑	
asc. node	-103 Jan 01 j 20:46	27°♑53'02	
evening max el	-103 Jan 01 j 20:43	27°♑52'54	18°21'58
	-103 Jan 04 j 08:04	0°♒	
retrograde	-103 Jan 08 j 09:00	1°♒25'39	
evening set	-103 Jan 11 j 07:02	0°♒39'31	
	-103 Jan 12 j 09:03	30°℞♑	
inferior conj	-103 Jan 17 j 08:06	25°♑10'52	3°43'57
minimum elong	-103 Jan 17 j 06:30	25°♑15'22	3°43'47
min. Earth dist.	-103 Jan 19 j 14:53	22°♑35'36	0.63945 AU
morning rise	-103 Jan 23 j 04:29	19°♑06'28	
direct	-103 Jan 30 j 02:41	16°♑18'05	
desc. node	-103 Feb 10 j 14:01	22°♑04'00	
morning max el	-103 Feb 12 j 18:20	24°♑07'42	27°32'58
	-103 Feb 18 j 01:50	0°♒	
	-103 Mar 10 j 06:37	0°♓	
morning set	-103 Mar 19 j 15:00	17°♓22'56	
max. Earth dist.	-103 Mar 24 j 17:02	27°♓44'24	1.33347 AU
	-103 Mar 25 j 18:52	0°♈	
superior conj	-103 Mar 27 j 12:47	3°♈42'21	0°-34'-14
minimum elong	-103 Mar 27 j 14:25	3°♈51'08	0°33'54
asc. node	-103 Mar 30 j 20:04	10°♈47'26	
evening rise	-103 Apr 03 j 17:45	19°♈06'43	
	-103 Apr 09 j 02:58	0°♉	
evening max el	-103 Apr 25 j 18:53	24°♉30'00	22°42'54
	-103 May 03 j 19:00	0°♊	
retrograde	-103 May 08 j 23:24	1°♊01'30	
desc. node	-103 May 09 j 13:12	1°♊00'46	
evening set	-103 May 12 j 04:49	0°♊38'43	
	-103 May 14 j 08:29	30°℞♉	
min. Earth dist.	-103 May 20 j 03:23	27°♉10'12	0.55415 AU
inferior conj	-103 May 21 j 11:10	26°♉24'45	-3°-10'-27
minimum elong	-103 May 21 j 03:57	26°♉35'06	3°08'28
morning rise	-103 May 30 j 05:42	22°♉31'24	
direct	-103 Jun 02 j 01:01	22°♉13'07	
morning max el	-103 Jun 13 j 05:15	27°♉24'43	20°51'12
	-103 Jun 15 j 17:46	0°♊	
asc. node	-103 Jun 26 j 19:18	16°♊47'57	
morning set	-103 Jul 02 j 12:29	28°♊04'05	
	-103 Jul 03 j 10:59	0°♋	
superior conj	-103 Jul 10 j 01:49	13°♋43'15	1°42'10
minimum elong	-103 Jul 10 j 00:12	13°♋35'00	1°42'05
max. Earth dist.	-103 Jul 14 j 14:11	22°♋48'11	1.35759 AU
	-103 Jul 18 j 07:53	0°♌	
evening rise	-103 Jul 18 j 19:06	0°♌52'39	
	-103 Aug 05 j 04:26	0°♍	
desc. node	-103 Aug 05 j 12:30	0°♍29'53	
evening max el	-103 Aug 23 j 08:44	22°♍53'18	26°23'07
	-103 Sep 03 j 23:11	0°♎	
retrograde	-103 Sep 05 j 02:43	0°♎04'33	
	-103 Sep 06 j 05:38	30°℞♍	
evening set	-103 Sep 11 j 13:16	27°♍24'43	
min. Earth dist.	-103 Sep 15 j 16:50	23°♍02'39	0.66262 AU
inferior conj	-103 Sep 17 j 05:43	21°♍09'57	-1°-51'-8
minimum elong	-103 Sep 17 j 08:32	21°♍01'20	1°50'03
asc. node	-103 Sep 22 j 18:31	15°♍35'35	
morning rise	-103 Sep 23 j 04:51	15°♍20'05	
direct	-103 Sep 26 j 04:33	14°♍29'22	
morning max el	-103 Oct 02 j 22:52	18°♍14'38	18°43'35
	-103 Oct 11 j 20:45	0°♎	
morning set	-103 Oct 23 j 21:00	18°♎52'10	
	-103 Oct 30 j 21:38	0°♏	
desc. node	-103 Nov 01 j 11:49	2°♏30'35	
superior conj	-103 Nov 09 j 01:03	14°♏23'26	0°-48'-9
minimum elong	-103 Nov 08 j 18:55	13°♏59'19	0°47'24
max. Earth dist.	-103 Nov 08 j 18:38	13°♏58'12	1.45001 AU
	-103 Nov 18 j 22:19	0°♐	
evening rise	-103 Nov 24 j 20:22	9°♐26'32	
	-103 Dec 07 j 19:29	0°♑	
evening max el	-103 Dec 16 j 07:31	11°♑17'52	18°53'41
asc. node	-103 Dec 19 j 17:48	14°♑07'09	
retrograde	-103 Dec 23 j 02:59	15°♑09'01	
evening set	-103 Dec 26 j 06:43	14°♑11'41	
inferior conj	-102 Jan 01 j 00:54	8°♑25'32	3°22'24
minimum elong	-103 Dec 31 j 22:22	8°♑33'24	3°21'54

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	-102 Jan 02 j 16:24	6°♑23'21	0.65426 AU
morning rise	-102 Jan 06 j 13:01	2°♑14'59	
	-102 Jan 10 j 01:56	30°℞♐	
direct	-102 Jan 13 j 02:47	29°♐24'57	
	-102 Jan 16 j 08:15	0°♑	
morning max el	-102 Jan 26 j 04:09	7°♑03'27	26°46'52
desc. node	-102 Jan 28 j 11:04	9°♑27'40	
	-102 Feb 12 j 23:05	0°♒	
	-102 Mar 02 j 14:11	0°♓	
morning set	-102 Mar 03 j 00:29	0°♓48'58	
max. Earth dist.	-102 Mar 07 j 09:53	9°♓24'14	1.34488 AU
superior conj	-102 Mar 11 j 13:53	17°♓54'40	-1°00'-46
minimum elong	-102 Mar 11 j 16:46	18°♓09'35	1°00'15
	-102 Mar 17 j 08:14	0°♈	
asc. node	-102 Mar 17 j 17:06	0°♈46'29	
evening rise	-102 Mar 19 j 03:19	3°♈44'51	
	-102 Apr 03 j 00:58	0°♉	
evening max el	-102 Apr 07 j 16:58	5°♉19'25	21°12'58
retrograde	-102 Apr 19 j 13:36	11°♉04'50	
evening set	-102 Apr 21 j 21:42	10°♉52'11	
desc. node	-102 Apr 26 j 10:15	9°♉24'20	
inferior conj	-102 May 01 j 05:45	6°♉52'57	-1°-22'-19
minimum elong	-102 May 01 j 01:53	6°♉58'24	1°20'58
min. Earth dist.	-102 May 01 j 16:13	6°♉38'13	0.54995 AU
morning rise	-102 May 10 j 05:59	2°♉51'18	
direct	-102 May 13 j 11:14	2°♉28'52	
morning max el	-102 May 26 j 05:14	8°♉33'13	22°23'29
	-102 Jun 10 j 09:54	0°♊	
asc. node	-102 Jun 13 j 16:21	6°♊16'44	
morning set	-102 Jun 16 j 22:40	12°♊56'28	
superior conj	-102 Jun 24 j 04:33	28°♊17'57	1°31'06
minimum elong	-102 Jun 24 j 02:12	28°♊05'34	1°30'51
	-102 Jun 24 j 23:54	0°♋	
max. Earth dist.	-102 Jun 27 j 07:30	4°♋49'41	1.34328 AU
evening rise	-102 Jul 02 j 03:23	14°♋31'46	
	-102 Jul 10 j 12:57	0°♌	
desc. node	-102 Jul 23 j 09:33	20°♌10'41	
	-102 Jul 30 j 23:01	0°♍	
evening max el	-102 Aug 05 j 20:30	6°♍21'12	27°07'30
retrograde	-102 Aug 19 j 03:47	13°♍40'20	
evening set	-102 Aug 26 j 01:51	10°♍55'15	
min. Earth dist.	-102 Aug 29 j 22:13	7°♍10'41	0.65098 AU
inferior conj	-102 Aug 31 j 23:52	4°♍50'51	-2°-45'-48
minimum elong	-102 Sep 01 j 03:57	4°♍39'21	2°44'25
	-102 Sep 06 j 00:42	30°℞♌	
morning rise	-102 Sep 07 j 07:37	29°♌15'02	
asc. node	-102 Sep 09 j 15:34	28°♌36'47	
direct	-102 Sep 10 j 00:17	28°♌36'04	
	-102 Sep 14 j 00:47	0°♍	
morning max el	-102 Sep 16 j 12:59	2°♍07'24	18°10'17
morning set	-102 Oct 04 j 20:13	29°♍38'50	
	-102 Oct 05 j 01:19	0°♎	
superior conj	-102 Oct 19 j 04:47	22°♎59'13	0°01'08
minimum elong	-102 Oct 19 j 04:55	22°♎59'46	0°01'07
behind sun begin	-102 Oct 18 j 18:04	22°♎16'34	
behind sun end	-102 Oct 19 j 15:46	23°♎42'54	
desc. node	-102 Oct 19 j 08:51	23°♎15'26	
max. Earth dist.	-102 Oct 22 j 13:21	28°♎18'14	1.44848 AU
	-102 Oct 23 j 15:11	0°♏	
evening rise	-102 Nov 04 j 17:57	18°♏54'45	
	-102 Nov 11 j 21:56	0°♐	
greatest brilliancy	-102 Nov 21 j 17:02	14°♐42'29	-0.6m
evening max el	-102 Nov 29 j 14:26	24°♐45'02	19°41'55
asc. node	-102 Dec 06 j 14:51	29°♐02'35	
retrograde	-102 Dec 07 j 00:02	29°♐03'25	
evening set	-102 Dec 10 j 11:08	27°♐53'12	
inferior conj	-102 Dec 16 j 00:40	21°♐52'33	2°49'57
minimum elong	-102 Dec 15 j 21:51	22°♐01'47	2°49'10
min. Earth dist.	-102 Dec 17 j 02:10	20°♐28'37	0.66520 AU
morning rise	-102 Dec 21 j 07:53	15°♐38'19	
direct	-102 Dec 27 j 08:54	12°♐58'24	
morning max el	-101 Jan 08 j 13:20	20°♐12'38	25°36'54
desc. node	-101 Jan 15 j 08:06	27°♐54'48	
	-101 Jan 16 j 23:38	0°♑	
	-101 Feb 06 j 02:32	0°♒	
morning set	-101 Feb 13 j 18:48	13°♒25'22	
max. Earth dist.	-101 Feb 17 j 14:43	20°♒33'09	1.36074 AU
	-101 Feb 22 j 11:15	0°♓	
superior conj	-101 Feb 23 j 06:51	1°♓37'45	-1°-25'-24
minimum elong	-101 Feb 23 j 10:34	1°♓56'24	1°24'53
evening rise	-101 Mar 03 j 08:54	18°♓05'00	
asc. node	-101 Mar 04 j 14:10	20°♓32'57	
	-101 Mar 09 j 11:15	0°♈	
evening max el	-101 Mar 21 j 02:02	16°♈44'04	19°57'53
retrograde	-101 Mar 31 j 05:44	21°♈36'20	
evening set	-101 Apr 02 j 08:17	21°♈24'40	
inferior conj	-101 Apr 11 j 04:27	17°♈24'30	0°36'03
minimum elong	-101 Apr 11 j 06:02	17°♈22'05	0°35'29
desc. node	-101 Apr 13 j 07:18	16°♈07'18	
min. Earth dist.	-101 Apr 13 j 06:27	16°♈08'34	0.55531 AU
morning rise	-101 Apr 20 j 00:47	12°♈56'23	
direct	-101 Apr 24 j 02:14	12°♈20'03	
morning max el	-101 May 07 j 21:52	19°♈11'41	24°04'12
	-101 May 16 j 22:21	0°♉	
asc. node	-101 May 31 j 13:25	26°♉04'45	
morning set	-101 Jun 01 j 10:31	27°♉55'07	
	-101 Jun 02 j 10:09	0°♊	
superior conj	-101 Jun 08 j 12:23	13°♊08'30	1°15'12
minimum elong	-101 Jun 08 j 09:53	12°♊55'05	1°14'49
max. Earth dist.	-101 Jun 10 j 10:01	17°♊13'46	1.33291 AU
evening rise	-101 Jun 15 j 22:46	28°♊45'00	
	-101 Jun 16 j 13:43	0°♋	
	-101 Jul 03 j 16:32	0°♌	
desc. node	-101 Jul 10 j 06:36	9°♌14'37	
evening max el	-101 Jul 19 j 07:10	19°♌29'58	27°25'22
retrograde	-101 Aug 01 j 23:06	26°♌49'55	
evening set	-101 Aug 09 j 03:24	24°♌10'54	
min. Earth dist.	-101 Aug 12 j 18:29	21°♌00'04	0.63574 AU
inferior conj	-101 Aug 15 j 09:15	18°♌20'17	-3°-36'-1
minimum elong	-101 Aug 15 j 14:00	18°♌08'10	3°34'44
morning rise	-101 Aug 22 j 02:47	13°♌01'41	
direct	-101 Aug 24 j 14:58	12°♌31'01	
asc. node	-101 Aug 27 j 12:37	13°♌12'37	
morning max el	-101 Aug 31 j 04:46	15°♌56'41	17°54'23
	-101 Sep 10 j 02:37	0°♍	
morning set	-101 Sep 16 j 21:09	11°♍39'45	
	-101 Sep 27 j 14:54	0°♎	
superior conj	-101 Sep 29 j 04:55	2°♎37'28	0°45'39
minimum elong	-101 Sep 29 j 09:20	2°♎55'42	0°45'04
max. Earth dist.	-101 Oct 05 j 05:54	12°♎26'34	1.43991 AU
desc. node	-101 Oct 06 j 05:54	14°♎02'25	
evening rise	-101 Oct 15 j 01:44	27°♎52'02	
	-101 Oct 16 j 10:59	0°♏	
	-101 Nov 05 j 20:53	0°♐	
greatest brilliancy	-101 Nov 06 j 21:37	1°♐21'58	-0.5m
evening max el	-101 Nov 12 j 16:08	8°♐13'28	20°44'22
retrograde	-101 Nov 20 j 21:40	13°♐05'34	
asc. node	-101 Nov 23 j 11:53	12°♐27'25	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-101 Nov 24 j 18:11	11°♐40'27	
inferior conj	-101 Nov 30 j 04:53	5°♐28'40	2°09'23
minimum elong	-101 Nov 30 j 02:21	5°♐37'16	2°08'31
min. Earth dist.	-101 Nov 30 j 17:59	4°♐43'56	0.67241 AU
	-101 Dec 04 j 14:18	30°℞♏	
morning rise	-101 Dec 05 j 10:04	29°♏13'00	
direct	-101 Dec 10 j 20:14	26°♏51'12	
	-101 Dec 18 j 01:49	0°♐	
morning max el	-101 Dec 21 j 21:40	3°♐27'09	24°12'56
desc. node	-100 Jan 02 j 05:09	17°♐07'08	
	-100 Jan 11 j 05:20	0°♑	
morning set	-100 Jan 26 j 16:00	24°♑55'22	
	-100 Jan 29 j 13:21	0°♒	
max. Earth dist.	-100 Jan 30 j 10:52	1°♒36'14	1.38039 AU
superior conj	-100 Feb 06 j 12:11	14°♒42'11	-1°-45'-53
minimum elong	-100 Feb 06 j 15:53	14°♒59'52	1°45'34
	-100 Feb 14 j 07:44	0°♓	
evening rise	-100 Feb 15 j 08:02	1°♓59'58	
asc. node	-100 Feb 19 j 11:14	10°♓00'59	
evening max el	-100 Mar 02 j 21:59	28°♓46'25	19°01'32
	-100 Mar 04 j 07:10	0°♈	
retrograde	-100 Mar 11 j 11:22	2°♈53'54	
evening set	-100 Mar 13 j 17:10	2°♈38'06	
	-100 Mar 19 j 10:09	30°℞♓	
inferior conj	-100 Mar 21 j 19:11	28°♓23'40	2°13'17
minimum elong	-100 Mar 21 j 23:29	28°♓16'08	2°12'04
min. Earth dist.	-100 Mar 24 j 22:14	26°♓13'23	0.56913 AU
morning rise	-100 Mar 30 j 01:38	23°♓22'51	
desc. node	-100 Mar 30 j 04:20	23°♓20'10	
direct	-100 Apr 04 j 06:08	22°♓19'09	
morning max el	-100 Apr 18 j 12:35	29°♓42'07	25°39'59
	-100 Apr 18 j 19:57	0°♈	
	-100 May 09 j 11:50	0°♉	
morning set	-100 May 15 j 22:18	12°♉53'05	
asc. node	-100 May 17 j 10:29	16°♉05'09	
superior conj	-100 May 22 j 23:03	28°♉06'13	0°55'26
minimum elong	-100 May 22 j 20:55	27°♉54'30	0°55'02
	-100 May 23 j 19:53	0°♊	
max. Earth dist.	-100 May 23 j 19:20	29°♉57'04	1.32636 AU
evening rise	-100 May 30 j 01:48	13°♊20'16	
	-100 Jun 07 j 16:21	0°♋	
desc. node	-100 Jun 26 j 03:38	27°♋25'15	
	-100 Jun 28 j 11:54	0°♌	
evening max el	-100 Jun 30 j 14:22	2°♌06'11	27°11'44
retrograde	-100 Jul 14 j 11:32	9°♌23'18	
evening set	-100 Jul 21 j 13:53	7°♌03'57	
min. Earth dist.	-100 Jul 25 j 04:31	4°♌17'36	0.61731 AU
inferior conj	-100 Jul 28 j 06:44	1°♌30'18	-4°-17'-8
minimum elong	-100 Jul 28 j 10:58	1°♌20'43	4°16'25
	-100 Jul 29 j 23:33	30°℞♋	
morning rise	-100 Aug 04 j 10:49	26°♋31'58	
direct	-100 Aug 06 j 21:10	26°♋06'49	
asc. node	-100 Aug 13 j 09:40	29°♋12'19	
morning max el	-100 Aug 13 j 19:14	29°♋35'04	17°56'55
	-100 Aug 14 j 05:12	0°♌	
morning set	-100 Aug 29 j 17:44	24°♌37'05	
	-100 Sep 01 j 16:42	0°♍	
superior conj	-100 Sep 09 j 08:24	13°♍36'27	1°18'20
minimum elong	-100 Sep 09 j 13:11	13°♍57'12	1°17'49
max. Earth dist.	-100 Sep 16 j 18:18	26°♍08'03	1.42538 AU
	-100 Sep 19 j 03:07	0°♎	
desc. node	-100 Sep 22 j 02:56	4°♎48'11	
evening rise	-100 Sep 23 j 12:54	7°♎02'35	
	-100 Oct 08 j 17:41	0°♏	
greatest brilliancy	-100 Oct 20 j 18:01	16°♏19'26	-0.4m
evening max el	-100 Oct 25 j 12:07	21°♏42'55	21°57'42
retrograde	-100 Nov 03 j 18:00	27°♏12'44	
evening set	-100 Nov 08 j 02:01	25°♏30'40	
asc. node	-100 Nov 09 j 08:55	24°♏20'30	
inferior conj	-100 Nov 13 j 11:27	19°♏11'14	1°22'42
minimum elong	-100 Nov 13 j 09:39	19°♏17'26	1°21'59
min. Earth dist.	-100 Nov 13 j 13:22	19°♏04'34	0.67609 AU
morning rise	-100 Nov 18 j 17:04	12°♏56'33	
direct	-100 Nov 23 j 11:57	10°♏56'50	
morning max el	-100 Dec 03 j 07:41	16°♏46'29	22°45'10
greatest brilliancy	-100 Dec 07 j 23:19	21°♏58'41	-0.3m
	-100 Dec 14 j 04:22	0°♐	
desc. node	-100 Dec 19 j 02:11	6°♐51'48	
	-99 Jan 03 j 07:13	0°♑	
morning set	-99 Jan 06 j 10:03	5°♑04'15	
max. Earth dist.	-99 Jan 11 j 06:39	13°♑13'05	1.40170 AU
superior conj	-99 Jan 19 j 01:27	26°♑56'57	-1°-59'-4
minimum elong	-99 Jan 19 j 03:32	27°♑06'25	1°59'01
	-99 Jan 20 j 17:28	0°♒	
evening rise	-99 Jan 28 j 21:49	15°♒23'06	
asc. node	-99 Feb 05 j 08:16	29°♒04'35	
	-99 Feb 05 j 21:13	0°♓	
evening max el	-99 Feb 14 j 02:26	11°♓21'05	18°25'07
retrograde	-99 Feb 21 j 12:05	14°♓59'58	
evening set	-99 Feb 23 j 22:43	14°♓37'17	
inferior conj	-99 Mar 03 j 06:54	10°♓02'07	3°15'36
minimum elong	-99 Mar 03 j 10:30	9°♓54'45	3°14'57
min. Earth dist.	-99 Mar 06 j 17:19	7°♓15'02	0.58837 AU
morning rise	-99 Mar 10 j 18:32	4°♓33'31	
direct	-99 Mar 16 j 23:09	2°♓53'18	
desc. node	-99 Mar 17 j 01:22	2°♓53'20	
morning max el	-99 Mar 31 j 07:03	10°♓33'13	26°55'30
	-99 Apr 15 j 07:10	0°♈	
morning set	-99 Apr 30 j 08:21	27°♈44'47	
	-99 May 01 j 10:03	0°♉	
asc. node	-99 May 04 j 07:33	6°♉13'07	
superior conj	-99 May 07 j 10:48	13°♉04'54	0°32'40
minimum elong	-99 May 07 j 09:24	12°♉57'13	0°32'22
max. Earth dist.	-99 May 07 j 07:58	12°♉49'20	1.32350 AU
evening rise	-99 May 14 j 09:50	28°♉08'49	
	-99 May 15 j 07:08	0°♊	
	-99 Jun 01 j 04:01	0°♋	
evening max el	-99 Jun 12 j 15:30	13°♋58'54	26°25'07
desc. node	-99 Jun 13 j 00:38	14°♋20'25	
retrograde	-99 Jun 26 j 15:41	21°♋12'43	
evening set	-99 Jul 03 j 04:42	19°♋25'40	
min. Earth dist.	-99 Jul 07 j 04:35	16°♋48'44	0.59691 AU
inferior conj	-99 Jul 10 j 12:43	14°♋11'32	-4°-41'-47
minimum elong	-99 Jul 10 j 14:33	14°♋07'56	4°41'42
morning rise	-99 Jul 18 j 03:45	9°♋35'59	
direct	-99 Jul 20 j 14:41	9°♋14'21	
morning max el	-99 Jul 28 j 05:26	12°♋54'48	18°19'04
asc. node	-99 Jul 31 j 06:44	16°♋20'54	
	-99 Aug 08 j 18:43	0°♌	
morning set	-99 Aug 13 j 04:32	8°♌15'59	
superior conj	-99 Aug 22 j 12:34	25°♌48'56	1°38'02
minimum elong	-99 Aug 22 j 15:35	26°♌02'43	1°37'50
	-99 Aug 24 j 20:01	0°♍	
max. Earth dist.	-99 Aug 30 j 01:26	9°♍09'51	1.40678 AU
evening rise	-99 Sep 03 j 19:03	17°♍06'34	
desc. node	-99 Sep 08 j 23:56	25°♍29'04	
	-99 Sep 11 j 21:31	0°♎	
	-99 Oct 03 j 09:41	0°♏	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-99 Oct 08 j 03:07	5°♏13'39	23°17'05
retrograde	-99 Oct 18 j 11:35	11°♏21'19	
evening set	-99 Oct 23 j 08:57	9°♏21'04	
asc. node	-99 Oct 27 j 05:57	5°♏01'53	
inferior conj	-99 Oct 28 j 18:32	2°♏57'37	0°31'26
minimum elong	-99 Oct 28 j 17:47	3°♏00'10	0°31'07
min. Earth dist.	-99 Oct 28 j 09:56	3°♏27'06	0.67649 AU
	-99 Oct 30 j 23:57	30°℞♎	
morning rise	-99 Nov 03 j 02:41	26°♎46'19	
direct	-99 Nov 07 j 07:02	25°♎09'18	
	-99 Nov 15 j 17:31	0°♏	
morning max el	-99 Nov 15 j 22:56	0°♏13'34	21°21'52
greatest brilliancy	-99 Nov 21 j 03:24	6°♏10'46	-0.4m
desc. node	-99 Dec 05 j 23:11	26°♏58'56	
	-99 Dec 07 j 23:29	0°♐	
morning set	-99 Dec 16 j 23:24	13°♐52'08	
max. Earth dist.	-99 Dec 24 j 08:27	25°♐44'19	1.42169 AU
	-99 Dec 26 j 22:10	0°♑	
superior conj	-99 Dec 31 j 17:08	8°♑07'39	-2°00'-49
minimum elong	-99 Dec 31 j 15:28	8°♑00'31	2°00'47
evening rise	-98 Jan 11 j 22:33	28°♑05'26	
	-98 Jan 12 j 23:47	0°♒	
asc. node	-98 Jan 23 j 05:18	17°♒35'15	
evening max el	-98 Jan 28 j 12:16	24°♒18'53	18°08'42
retrograde	-98 Feb 04 j 05:57	27°♒45'12	
evening set	-98 Feb 06 j 20:53	27°♒14'17	
inferior conj	-98 Feb 13 j 14:21	22°♒17'22	3°45'17
minimum elong	-98 Feb 13 j 15:45	22°♒14'02	3°45'11
min. Earth dist.	-98 Feb 16 j 18:53	19°♒17'28	0.60937 AU
morning rise	-98 Feb 20 j 07:48	16°♒29'29	
direct	-98 Feb 27 j 03:12	14°♒13'42	
desc. node	-98 Mar 03 j 22:24	15°♒15'22	
morning max el	-98 Mar 13 j 07:56	22°♒02'58	27°38'57
	-98 Mar 20 j 07:56	0°♓	
	-98 Apr 08 j 07:40	0°♈	
morning set	-98 Apr 14 j 14:50	12°♈23'49	
max. Earth dist.	-98 Apr 20 j 20:02	25°♈37'27	1.32424 AU
asc. node	-98 Apr 21 j 04:36	26°♈24'11	
superior conj	-98 Apr 21 j 21:55	27°♈58'48	0°07'39
minimum elong	-98 Apr 21 j 21:34	27°♈56'54	0°07'35
behind sun begin	-98 Apr 21 j 17:06	27°♈32'27	
behind sun end	-98 Apr 22 j 02:03	28°♈21'21	
	-98 Apr 22 j 20:04	0°♉	
evening rise	-98 Apr 28 j 20:42	13°♉03'07	
	-98 May 07 j 10:58	0°♊	
evening max el	-98 May 25 j 09:42	25°♊06'48	25°10'04
desc. node	-98 May 30 j 21:39	29°♊29'56	
	-98 May 31 j 17:43	0°♋	
retrograde	-98 Jun 08 j 10:05	2°♋15'09	
evening set	-98 Jun 13 j 20:34	1°♋06'50	
	-98 Jun 16 j 04:11	30°℞♊	
min. Earth dist.	-98 Jun 18 j 21:21	28°♊21'01	0.57682 AU
inferior conj	-98 Jun 21 j 23:50	26°♊14'26	-4°-38'-59
minimum elong	-98 Jun 21 j 21:19	26°♊18'46	4°38'49
morning rise	-98 Jun 30 j 01:57	22°♊01'25	
direct	-98 Jul 02 j 14:58	21°♊42'12	
morning max el	-98 Jul 11 j 08:25	25°♊47'16	19°01'52
	-98 Jul 15 j 02:20	0°♋	
asc. node	-98 Jul 18 j 03:48	4°♋23'42	
morning set	-98 Jul 28 j 01:27	22°♋25'36	
	-98 Jul 31 j 21:19	0°♌	
superior conj	-98 Aug 05 j 11:51	8°♌59'31	1°46'28
minimum elong	-98 Aug 05 j 12:42	9°♌03'36	1°46'28
max. Earth dist.	-98 Aug 12 j 04:43	21°♌29'00	1.38657 AU
evening rise	-98 Aug 16 j 02:06	28°♌21'24	
	-98 Aug 17 j 01:01	0°♍	
desc. node	-98 Aug 26 j 20:58	16°♍01'22	
	-98 Sep 05 j 08:19	0°♎	
evening max el	-98 Sep 20 j 15:12	18°♎47'49	24°36'18
retrograde	-98 Oct 02 j 01:31	25°♎28'22	
evening set	-98 Oct 07 j 13:21	23°♎10'16	
min. Earth dist.	-98 Oct 12 j 05:23	17°♎50'21	0.67371 AU
inferior conj	-98 Oct 13 j 00:27	16°♎46'46	0°-22'-54
minimum elong	-98 Oct 13 j 01:01	16°♎44'53	0°22'41
asc. node	-98 Oct 14 j 02:59	15°♎19'11	
morning rise	-98 Oct 18 j 13:04	10°♎41'23	
direct	-98 Oct 22 j 04:32	9°♎25'04	
morning max el	-98 Oct 29 j 21:40	13°♎51'24	20°08'59
greatest brilliancy	-98 Nov 05 j 20:28	22°♎17'34	-0.6m
	-98 Nov 11 j 07:06	0°♏	
desc. node	-98 Nov 22 j 20:13	17°♏22'30	
morning set	-98 Nov 25 j 20:17	22°♏00'03	
	-98 Nov 30 j 23:35	0°♐	
max. Earth dist.	-98 Dec 06 j 17:35	9°♐06'23	1.43762 AU
superior conj	-98 Dec 12 j 06:36	18°♐04'48	-1°-46'-32
minimum elong	-98 Dec 12 j 00:08	17°♐38'18	1°46'05
	-98 Dec 19 j 10:14	0°♑	
evening rise	-98 Dec 25 j 06:02	9°♑58'52	
	-97 Jan 06 j 04:40	0°♒	
asc. node	-97 Jan 10 j 02:18	5°♒23'09	
evening max el	-97 Jan 12 j 00:34	7°♒32'11	18°11'45
retrograde	-97 Jan 18 j 12:27	10°♒59'26	
evening set	-97 Jan 21 j 07:37	10°♒19'18	
inferior conj	-97 Jan 27 j 13:48	5°♒01'50	3°49'52
minimum elong	-97 Jan 27 j 13:07	5°♒03'40	3°49'50
min. Earth dist.	-97 Jan 30 j 05:24	2°♒12'12	0.62926 AU
	-97 Feb 01 j 12:23	30°℞♑	
morning rise	-97 Feb 02 j 16:40	29°♑01'53	
direct	-97 Feb 09 j 16:25	26°♑20'56	
desc. node	-97 Feb 18 j 19:25	0°♒02'34	
	-97 Feb 18 j 18:02	0°♒	
morning max el	-97 Feb 23 j 14:17	4°♒13'30	27°45'24
	-97 Mar 14 j 22:10	0°♓	
morning set	-97 Mar 29 j 15:33	26°♓42'34	
	-97 Mar 31 j 06:26	0°♈	
max. Earth dist.	-97 Apr 04 j 03:28	8°♈07'02	1.32885 AU
superior conj	-97 Apr 06 j 06:45	12°♈42'04	0°-18'-47
minimum elong	-97 Apr 06 j 07:38	12°♈46'54	0°18'35
asc. node	-97 Apr 08 j 01:38	16°♈34'05	
evening rise	-97 Apr 13 j 08:31	27°♈56'23	
	-97 Apr 14 j 08:03	0°♉	
	-97 May 01 j 20:28	0°♊	
evening max el	-97 May 07 j 00:11	5°♊45'14	23°37'55
desc. node	-97 May 17 j 18:41	12°♊16'55	
retrograde	-97 May 20 j 16:33	12°♊36'14	
evening set	-97 May 24 j 16:11	12°♊01'14	
min. Earth dist.	-97 May 31 j 10:48	8°♊51'26	0.56043 AU
inferior conj	-97 Jun 02 j 14:48	7°♊33'16	-3°-56'-6
minimum elong	-97 Jun 02 j 08:11	7°♊43'16	3°54'44
morning rise	-97 Jun 11 j 03:44	3°♊36'14	
direct	-97 Jun 13 j 19:45	3°♊18'24	
morning max el	-97 Jun 24 j 01:30	8°♊02'34	20°05'37
asc. node	-97 Jul 05 j 00:51	23°♊07'34	
	-97 Jul 08 j 17:34	0°♋	
morning set	-97 Jul 12 j 05:21	6°♋56'47	
superior conj	-97 Jul 20 j 00:53	22°♋51'50	1°45'52
minimum elong	-97 Jul 19 j 23:59	22°♋47'20	1°45'50
	-97 Jul 23 j 15:33	0°♌	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	-97 Jul 25 j 09:11	3°♌20'18	1.36736 AU
evening rise	-97 Jul 29 j 08:03	10°♌42'25	
	-97 Aug 09 j 16:03	0°♍	
desc. node	-97 Aug 13 j 18:00	6°♍19'18	
	-97 Aug 31 j 18:10	0°♎	
evening max el	-97 Sep 03 j 02:38	2°♎24'36	25°48'14
retrograde	-97 Sep 15 j 10:56	9°♎28'19	
evening set	-97 Sep 21 j 13:22	6°♎55'05	
min. Earth dist.	-97 Sep 25 j 21:21	2°♎11'13	0.66762 AU
inferior conj	-97 Sep 27 j 03:25	0°♎35'44	-1°-18'-52
minimum elong	-97 Sep 27 j 05:24	0°♎29'23	1°18'03
	-97 Sep 27 j 14:42	30°℞♍	
asc. node	-97 Oct 01 j 00:01	26°♍09'30	
morning rise	-97 Oct 02 j 22:14	24°♍39'07	
direct	-97 Oct 06 j 02:57	23°♍40'11	
morning max el	-97 Oct 13 j 03:46	27°♍38'01	19°10'11
	-97 Oct 15 j 07:13	0°♎	
	-97 Nov 04 j 15:06	0°♏	
morning set	-97 Nov 05 j 01:11	0°♏39'21	
desc. node	-97 Nov 09 j 17:16	7°♏57'28	
max. Earth dist.	-97 Nov 19 j 08:34	23°♏04'52	1.44751 AU
superior conj	-97 Nov 21 j 19:00	26°♏55'43	-1°-13'-54
minimum elong	-97 Nov 21 j 10:53	26°♏23'34	1°13'01
	-97 Nov 23 j 17:26	0°♐	
evening rise	-97 Dec 06 j 16:04	20°♐56'08	
	-97 Dec 12 j 04:14	0°♑	
evening max el	-97 Dec 26 j 12:40	20°♑54'58	18°33'23
asc. node	-97 Dec 27 j 23:19	22°♑16'03	
retrograde	-96 Jan 02 j 03:13	24°♑34'24	
evening set	-96 Jan 05 j 03:27	23°♑43'51	
inferior conj	-96 Jan 11 j 01:19	18°♑07'43	3°36'20
minimum elong	-96 Jan 10 j 23:14	18°♑13'53	3°36'02
min. Earth dist.	-96 Jan 13 j 01:38	15°♑45'09	0.64622 AU
morning rise	-96 Jan 16 j 17:43	12°♑00'18	
direct	-96 Jan 23 j 13:08	9°♑09'10	
desc. node	-96 Feb 05 j 16:28	16°♑38'46	
morning max el	-96 Feb 05 j 23:27	16°♑56'08	27°16'46
	-96 Feb 16 j 21:03	0°♒	
	-96 Mar 06 j 17:22	0°♓	
morning set	-96 Mar 12 j 07:41	10°♓31'46	
max. Earth dist.	-96 Mar 17 j 02:24	20°♓06'26	1.33771 AU
superior conj	-96 Mar 20 j 11:22	27°♓08'31	0°-45'-36
minimum elong	-96 Mar 20 j 13:34	27°♓20'05	0°45'11
	-96 Mar 21 j 19:46	0°♈	
asc. node	-96 Mar 24 j 22:41	6°♈38'52	
evening rise	-96 Mar 27 j 19:28	12°♈42'27	
	-96 Apr 05 j 17:19	0°♉	
evening max el	-96 Apr 17 j 17:48	16°♉23'42	22°03'25
retrograde	-96 Apr 30 j 10:44	22°♉37'11	
evening set	-96 May 03 j 04:49	22°♉20'23	
desc. node	-96 May 03 j 15:41	22°♉14'31	
min. Earth dist.	-96 May 11 j 23:41	18°♉34'41	0.55118 AU
inferior conj	-96 May 12 j 13:52	18°♉14'44	-2°-28'-8
minimum elong	-96 May 12 j 07:28	18°♉23'44	2°26'06
morning rise	-96 May 21 j 11:36	14°♉19'50	
direct	-96 May 24 j 10:04	14°♉00'32	
morning max el	-96 Jun 05 j 07:25	19°♉35'05	21°28'42
	-96 Jun 13 j 18:28	0°♊	
asc. node	-96 Jun 20 j 21:56	12°♊22'40	
morning set	-96 Jun 25 j 13:49	21°♊43'11	
	-96 Jun 29 j 12:44	0°♋	
superior conj	-96 Jul 02 j 23:32	7°♋13'51	1°38'09
minimum elong	-96 Jul 02 j 21:32	7°♋03'28	1°37'59
max. Earth dist.	-96 Jul 06 j 21:01	15°♋12'18	1.35106 AU
evening rise	-96 Jul 11 j 08:09	23°♋57'11	
	-96 Jul 14 j 13:52	0°♌	
desc. node	-96 Jul 30 j 15:02	26°♌16'02	
	-96 Aug 02 j 06:09	0°♍	
evening max el	-96 Aug 15 j 14:37	15°♍59'12	26°44'54
retrograde	-96 Aug 28 j 15:09	23°♍14'47	
evening set	-96 Sep 04 j 06:52	20°♍31'56	
min. Earth dist.	-96 Sep 08 j 07:20	16°♍25'38	0.65808 AU
inferior conj	-96 Sep 10 j 01:26	14°♍20'59	-2°-14'-40
minimum elong	-96 Sep 10 j 04:50	14°♍10'56	2°13'24
morning rise	-96 Sep 16 j 04:02	8°♍36'23	
asc. node	-96 Sep 16 j 21:05	8°♍16'40	
direct	-96 Sep 19 j 00:27	7°♍51'03	
morning max el	-96 Sep 25 j 15:34	11°♍29'34	18°27'17
	-96 Oct 08 j 17:46	0°♎	
morning set	-96 Oct 15 j 07:51	10°♎37'40	
desc. node	-96 Oct 26 j 14:19	28°♎39'40	
	-96 Oct 27 j 10:37	0°♏	
superior conj	-96 Oct 30 j 19:28	5°♏18'56	0°-27'-25
minimum elong	-96 Oct 30 j 15:52	5°♏04'43	0°26'57
max. Earth dist.	-96 Nov 01 j 03:06	7°♏23'22	1.45029 AU
	-96 Nov 15 j 12:26	0°♐	
evening rise	-96 Nov 16 j 02:16	0°♐54'31	
greatest brilliancy	-96 Nov 28 j 15:54	20°♐34'43	-0.7m
	-96 Dec 05 j 05:29	0°♑	
evening max el	-96 Dec 08 j 22:09	4°♑21'55	19°12'21
asc. node	-96 Dec 13 j 20:22	7°♑58'56	
retrograde	-96 Dec 15 j 22:43	8°♑23'16	
evening set	-96 Dec 19 j 05:26	7°♑20'39	
inferior conj	-96 Dec 24 j 21:25	1°♑28'12	3°09'45
minimum elong	-96 Dec 24 j 18:41	1°♑36'54	3°09'07
	-96 Dec 26 j 01:05	30°℞♐	
min. Earth dist.	-96 Dec 26 j 06:49	29°♐41'55	0.65944 AU
morning rise	-96 Dec 30 j 07:05	25°♐16'03	
direct	-95 Jan 05 j 15:59	22°♐28'56	
	-95 Jan 18 j 09:37	0°♑	
morning max el	-95 Jan 18 j 08:56	29°♐58'18	26°19'24
desc. node	-95 Jan 22 j 13:31	4°♑32'11	
	-95 Feb 09 j 19:09	0°♒	
morning set	-95 Feb 23 j 11:19	23°♒38'24	
	-95 Feb 26 j 19:18	0°♓	
max. Earth dist.	-95 Feb 27 j 13:57	1°♓31'02	1.35113 AU
superior conj	-95 Mar 04 j 09:23	11°♓09'45	-1°-11'-33
minimum elong	-95 Mar 04 j 12:42	11°♓26'39	1°11'02
asc. node	-95 Mar 11 j 19:43	26°♓33'16	
evening rise	-95 Mar 12 j 03:36	27°♓13'50	
	-95 Mar 13 j 12:06	0°♈	
evening max el	-95 Mar 30 j 20:24	27°♈26'59	20°38'53
	-95 Apr 02 j 21:51	0°♉	
retrograde	-95 Apr 10 j 23:37	2°♉49'00	
evening set	-95 Apr 13 j 03:59	2°♉37'29	
	-95 Apr 19 j 23:33	30°℞♈	
desc. node	-95 Apr 20 j 12:44	29°♈41'57	
inferior conj	-95 Apr 22 j 08:20	28°♈40'06	0°-31'-15
minimum elong	-95 Apr 22 j 06:51	28°♈42'13	0°30'44
min. Earth dist.	-95 Apr 23 j 12:52	27°♈59'05	0.55115 AU
morning rise	-95 May 01 j 08:17	24°♈29'09	
direct	-95 May 04 j 21:14	24°♈02'05	
	-95 May 17 j 15:31	0°♉	
morning max el	-95 May 18 j 03:29	0°♉27'39	23°05'56
	-95 Jun 06 j 19:05	0°♊	
asc. node	-95 Jun 07 j 19:00	2°♊00'26	
morning set	-95 Jun 10 j 00:55	6°♊38'47	
superior conj	-95 Jun 17 j 04:42	21°♊55'49	1°24'52

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-95 Jun 17 j 02:14	21°♊42'38	1°24'34
max. Earth dist.	-95 Jun 19 j 18:39	27°♊23'58	1.33844 AU
	-95 Jun 21 j 00:34	0°♋	
evening rise	-95 Jun 24 j 21:37	7°♋52'06	
	-95 Jul 07 j 02:13	0°♌	
desc. node	-95 Jul 17 j 12:04	15°♌42'34	
evening max el	-95 Jul 29 j 02:23	29°♌21'16	27°18'47
	-95 Jul 29 j 18:53	0°♍	
retrograde	-95 Aug 11 j 13:36	6°♍40'27	
evening set	-95 Aug 18 j 15:11	3°♍56'41	
min. Earth dist.	-95 Aug 22 j 09:04	0°♍27'05	0.64493 AU
	-95 Aug 22 j 19:16	30°℞♌	
inferior conj	-95 Aug 24 j 16:14	27°♌57'59	-3°-7'-53
minimum elong	-95 Aug 24 j 20:42	27°♌45'54	3°06'29
morning rise	-95 Aug 31 j 03:59	22°♌28'54	
direct	-95 Sep 02 j 18:32	21°♌53'42	
asc. node	-95 Sep 03 j 18:10	21°♌58'46	
morning max el	-95 Sep 09 j 06:42	25°♌21'25	18°01'22
	-95 Sep 13 j 03:29	0°♍	
morning set	-95 Sep 26 j 18:45	21°♍58'40	
	-95 Oct 01 j 13:15	0°♎	
superior conj	-95 Oct 10 j 06:05	14°♎16'25	0°21'11
minimum elong	-95 Oct 10 j 08:32	14°♎26'18	0°20'51
desc. node	-95 Oct 13 j 11:22	19°♎26'00	
max. Earth dist.	-95 Oct 14 j 21:53	21°♎43'09	1.44567 AU
	-95 Oct 20 j 04:11	0°♏	
evening rise	-95 Oct 26 j 16:23	10°♏06'09	
	-95 Nov 08 j 18:18	0°♐	
greatest brilliancy	-95 Nov 15 j 07:13	9°♐25'19	-0.6m
evening max el	-95 Nov 22 j 03:05	17°♐50'30	20°06'52
retrograde	-95 Nov 29 j 20:17	22°♐22'09	
asc. node	-95 Nov 30 j 17:24	22°♐17'45	
evening set	-95 Dec 03 j 11:15	21°♐05'39	
inferior conj	-95 Dec 08 j 23:21	14°♐59'47	2°33'37
minimum elong	-95 Dec 08 j 20:36	15°♐08'59	2°32'46
min. Earth dist.	-95 Dec 09 j 19:19	13°♐52'53	0.66875 AU
morning rise	-95 Dec 14 j 05:25	8°♐44'55	
direct	-95 Dec 20 j 00:16	6°♐12'12	
morning max el	-95 Dec 31 j 17:40	13°♐10'51	25°02'21
desc. node	-94 Jan 09 j 10:34	23°♐20'40	
	-94 Jan 14 j 08:58	0°♑	
	-94 Feb 02 j 13:57	0°♒	
morning set	-94 Feb 05 j 21:25	5°♒48'37	
max. Earth dist.	-94 Feb 09 j 14:45	12°♒35'08	1.36884 AU
superior conj	-94 Feb 15 j 21:53	24°♒37'50	-1°-34'-44
minimum elong	-94 Feb 16 j 01:44	24°♒56'48	1°34'18
	-94 Feb 18 j 14:49	0°♓	
evening rise	-94 Feb 24 j 06:47	11°♓24'32	
asc. node	-94 Feb 26 j 16:45	16°♓12'40	
	-94 Mar 06 j 08:07	0°♈	
evening max el	-94 Mar 13 j 10:10	9°♈07'24	19°31'21
retrograde	-94 Mar 22 j 20:31	13°♈39'08	
evening set	-94 Mar 24 j 23:59	13°♈26'07	
inferior conj	-94 Apr 02 j 12:40	9°♈20'35	1°21'12
minimum elong	-94 Apr 02 j 15:53	9°♈15'24	1°20'09
min. Earth dist.	-94 Apr 05 j 03:17	7°♈40'24	0.56038 AU
desc. node	-94 Apr 07 j 09:46	6°♈20'04	
morning rise	-94 Apr 11 j 04:09	4°♈38'49	
direct	-94 Apr 15 j 16:44	3°♈52'40	
morning max el	-94 Apr 29 j 18:31	10°♈58'52	24°46'33
	-94 May 14 j 04:01	0°♉	
morning set	-94 May 25 j 12:55	21°♉37'48	
asc. node	-94 May 25 j 16:03	21°♉54'16	
	-94 May 29 j 10:37	0°♊	
superior conj	-94 Jun 01 j 13:56	6°♊49'53	1°07'13
minimum elong	-94 Jun 01 j 11:33	6°♊36'53	1°06'49
max. Earth dist.	-94 Jun 03 j 00:34	9°♊57'36	1.32967 AU
evening rise	-94 Jun 08 j 20:34	22°♊15'25	
	-94 Jun 12 j 18:10	0°♋	
	-94 Jun 30 j 23:26	0°♌	
desc. node	-94 Jul 04 j 09:06	4°♌25'54	
evening max el	-94 Jul 11 j 11:47	12°♌17'05	27°23'36
retrograde	-94 Jul 25 j 05:54	19°♌35'49	
evening set	-94 Aug 01 j 10:49	17°♌03'12	
min. Earth dist.	-94 Aug 05 j 00:47	14°♌04'39	0.62824 AU
inferior conj	-94 Aug 07 j 20:56	11°♌19'47	-3°-54'-57
minimum elong	-94 Aug 08 j 01:39	11°♌08'19	3°53'52
morning rise	-94 Aug 14 j 18:53	6°♌09'40	
direct	-94 Aug 17 j 06:05	5°♌41'36	
asc. node	-94 Aug 21 j 15:14	7°♌11'53	
morning max el	-94 Aug 23 j 22:18	9°♌06'56	17°53'14
	-94 Sep 06 j 16:52	0°♍	
morning set	-94 Sep 09 j 04:43	4°♍25'18	
superior conj	-94 Sep 20 j 17:43	24°♍28'41	1°01'08
minimum elong	-94 Sep 20 j 22:42	24°♍49'37	1°00'31
	-94 Sep 24 j 01:13	0°♎	
max. Earth dist.	-94 Sep 27 j 13:10	5°♎42'50	1.43431 AU
desc. node	-94 Sep 30 j 08:24	10°♎12'43	
evening rise	-94 Oct 05 j 23:15	19°♎02'45	
	-94 Oct 13 j 03:11	0°♏	
greatest brilliancy	-94 Oct 30 j 21:05	25°♏15'03	-0.4m
	-94 Nov 03 j 20:38	0°♐	
evening max el	-94 Nov 05 j 02:13	1°♐18'36	21°14'24
retrograde	-94 Nov 13 j 17:39	6°♐26'47	
evening set	-94 Nov 17 j 18:51	4°♐54'29	
asc. node	-94 Nov 17 j 14:27	5°♐02'44	
	-94 Nov 22 j 05:01	30°℞♏	
inferior conj	-94 Nov 23 j 04:47	28°♏38'43	1°50'16
minimum elong	-94 Nov 23 j 02:32	28°♏46'30	1°49'25
min. Earth dist.	-94 Nov 23 j 12:56	28°♏10'40	0.67436 AU
morning rise	-94 Nov 28 j 09:53	22°♏23'11	
direct	-94 Dec 03 j 13:23	20°♏10'48	
morning max el	-94 Dec 14 j 02:29	26°♏27'45	23°35'37
	-94 Dec 17 j 08:49	0°♐	
desc. node	-94 Dec 27 j 07:36	12°♐47'51	
	-93 Jan 07 j 23:36	0°♑	
morning set	-93 Jan 18 j 07:46	16°♑45'52	
max. Earth dist.	-93 Jan 22 j 09:57	23°♑49'23	1.38941 AU
	-93 Jan 25 j 21:00	0°♒	
superior conj	-93 Jan 29 j 20:58	7°♒22'26	-1°-52'-35
minimum elong	-93 Jan 30 j 00:13	7°♒37'40	1°52'23
evening rise	-93 Feb 08 j 02:21	25°♒07'10	
	-93 Feb 10 j 15:03	0°♓	
asc. node	-93 Feb 13 j 13:47	5°♓31'22	
evening max el	-93 Feb 24 j 10:01	21°♓24'24	18°43'31
retrograde	-93 Mar 04 j 10:25	25°♓18'07	
evening set	-93 Mar 06 j 18:05	24°♓59'46	
inferior conj	-93 Mar 14 j 12:15	20°♓36'51	2°44'04
minimum elong	-93 Mar 14 j 16:34	20°♓28'46	2°43'01
min. Earth dist.	-93 Mar 17 j 20:23	18°♓08'06	0.57682 AU
morning rise	-93 Mar 22 j 10:52	15°♓22'48	
desc. node	-93 Mar 25 j 06:47	14°♓24'01	
direct	-93 Mar 28 j 02:12	14°♓04'20	
morning max el	-93 Apr 11 j 10:34	21°♓36'29	26°15'28
	-93 Apr 18 j 18:36	0°♈	
	-93 May 06 j 19:19	0°♉	
morning set	-93 May 10 j 00:12	6°♉34'35	
asc. node	-93 May 12 j 13:05	11°♉58'52	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-93 May 17 j 01:18	21°♉49'27	0°46'06
minimum elong	-93 May 16 j 23:26	21°♉39'12	0°45'44
max. Earth dist.	-93 May 17 j 11:42	22°♉46'28	1.32465 AU
	-93 May 20 j 19:18	0°♊	
evening rise	-93 May 24 j 02:01	6°♊57'43	
	-93 Jun 05 j 06:50	0°♋	
desc. node	-93 Jun 21 j 06:06	22°♋08'02	
evening max el	-93 Jun 23 j 16:26	24°♋35'20	26°55'47
	-93 Jun 30 j 21:09	0°♌	
retrograde	-93 Jul 07 j 15:18	1°♌51'59	
	-93 Jul 14 j 03:03	30°℞♋	
evening set	-93 Jul 14 j 13:33	29°♋44'41	
min. Earth dist.	-93 Jul 18 j 06:20	27°♋04'42	0.60874 AU
inferior conj	-93 Jul 21 j 12:15	24°♋18'52	-4°-30'-11
minimum elong	-93 Jul 21 j 15:45	24°♋11'25	4°29'46
morning rise	-93 Jul 28 j 21:02	19°♋30'23	
direct	-93 Jul 31 j 07:16	19°♋07'02	
morning max el	-93 Aug 07 j 11:26	22°♋39'10	18°03'54
asc. node	-93 Aug 08 j 12:18	23°♋43'06	
	-93 Aug 13 j 05:53	0°♌	
morning set	-93 Aug 23 j 07:55	17°♌41'43	
	-93 Aug 29 j 23:59	0°♍	
superior conj	-93 Sep 02 j 08:23	6°♍00'59	1°28'11
minimum elong	-93 Sep 02 j 12:33	6°♍19'28	1°27'49
max. Earth dist.	-93 Sep 09 j 22:50	19°♍06'40	1.41779 AU
evening rise	-93 Sep 15 j 17:02	28°♍31'50	
	-93 Sep 16 j 15:07	0°♎	
desc. node	-93 Sep 17 j 05:25	0°♎56'46	
	-93 Oct 06 j 19:15	0°♏	
greatest brilliancy	-93 Oct 14 j 00:48	9°♏25'08	-0.3m
evening max el	-93 Oct 18 j 19:45	14°♏47'36	22°31'02
retrograde	-93 Oct 28 j 13:06	20°♏34'27	
evening set	-93 Nov 02 j 02:29	18°♏44'50	
asc. node	-93 Nov 04 j 11:29	16°♏20'57	
inferior conj	-93 Nov 07 j 11:47	12°♏22'59	1°01'27
minimum elong	-93 Nov 07 j 10:24	12°♏27'46	1°00'52
min. Earth dist.	-93 Nov 07 j 09:12	12°♏31'55	0.67661 AU
morning rise	-93 Nov 12 j 18:13	6°♏09'11	
direct	-93 Nov 17 j 06:41	4°♏19'15	
morning max el	-93 Nov 26 j 14:20	9°♏49'41	22°08'43
greatest brilliancy	-93 Dec 01 j 06:49	15°♏06'23	-0.4m
	-93 Dec 12 j 07:45	0°♐	
desc. node	-93 Dec 14 j 04:38	2°♐42'42	
morning set	-93 Dec 29 j 13:12	26°♐18'21	
	-93 Dec 31 j 19:46	0°♑	
max. Earth dist.	-92 Jan 04 j 07:11	5°♑45'43	1.41046 AU
superior conj	-92 Jan 12 j 01:42	19°♑11'12	-2°-1'-30
minimum elong	-92 Jan 12 j 02:28	19°♑14'34	2°01'30
	-92 Jan 18 j 00:49	0°♒	
evening rise	-92 Jan 22 j 11:03	8°♒13'38	
asc. node	-92 Jan 31 j 10:48	24°♒22'03	
	-92 Feb 04 j 04:12	0°♓	
evening max el	-92 Feb 07 j 17:11	4°♓10'14	18°15'47
retrograde	-92 Feb 14 j 18:44	7°♓41'50	
evening set	-92 Feb 17 j 07:12	7°♓15'53	
inferior conj	-92 Feb 24 j 08:45	2°♓31'50	3°31'46
minimum elong	-92 Feb 24 j 11:28	2°♓25'53	3°31'23
	-92 Feb 27 j 06:33	30°℞♒	
min. Earth dist.	-92 Feb 27 j 18:06	29°♒35'54	0.59723 AU
morning rise	-92 Mar 02 j 12:18	26°♒53'54	
direct	-92 Mar 09 j 00:37	24°♒57'25	
desc. node	-92 Mar 11 j 03:48	25°♒09'30	
	-92 Mar 20 j 07:38	0°♓	
morning max el	-92 Mar 23 j 07:38	2°♓42'54	27°18'18
	-92 Apr 12 j 03:54	0°♈	
morning set	-92 Apr 23 j 08:58	21°♈21'51	
	-92 Apr 27 j 10:26	0°♉	
asc. node	-92 Apr 28 j 10:07	2°♉08'40	
max. Earth dist.	-92 Apr 30 j 00:23	5°♉37'56	1.32332 AU
superior conj	-92 Apr 30 j 13:00	6°♉47'12	0°22'18
minimum elong	-92 Apr 30 j 12:01	6°♉41'48	0°22'05
evening rise	-92 May 07 j 11:30	21°♉49'43	
	-92 May 11 j 11:14	0°♊	
	-92 May 30 j 00:00	0°♋	
evening max el	-92 Jun 04 j 14:34	6°♋08'34	25°56'11
desc. node	-92 Jun 07 j 03:06	8°♋22'36	
retrograde	-92 Jun 18 j 15:50	13°♋21'04	
evening set	-92 Jun 24 j 18:48	11°♋50'31	
min. Earth dist.	-92 Jun 29 j 03:13	9°♋11'37	0.58814 AU
inferior conj	-92 Jul 02 j 10:34	6°♋44'58	-4°-44'-45
minimum elong	-92 Jul 02 j 10:44	6°♋44'40	4°44'46
morning rise	-92 Jul 10 j 06:19	2°♋19'06	
direct	-92 Jul 12 j 17:48	1°♋58'44	
morning max el	-92 Jul 20 j 18:55	5°♋48'26	18°34'38
asc. node	-92 Jul 25 j 09:21	11°♋16'19	
	-92 Aug 05 j 03:51	0°♌	
morning set	-92 Aug 05 j 23:28	1°♌34'36	
superior conj	-92 Aug 14 j 21:21	18°♌39'46	1°42'51
minimum elong	-92 Aug 14 j 23:26	18°♌49'29	1°42'45
	-92 Aug 21 j 02:58	0°♍	
max. Earth dist.	-92 Aug 22 j 03:30	1°♍47'47	1.39825 AU
evening rise	-92 Aug 26 j 09:40	9°♍05'35	
desc. node	-92 Sep 03 j 02:26	21°♍34'27	
	-92 Sep 08 j 14:45	0°♎	
evening max el	-92 Sep 30 j 09:18	28°♎19'54	23°51'19
	-92 Oct 02 j 03:26	0°♏	
retrograde	-92 Oct 11 j 05:13	4°♏42'29	
evening set	-92 Oct 16 j 08:32	2°♏34'47	
	-92 Oct 18 j 20:33	30°℞♎	
min. Earth dist.	-92 Oct 21 j 05:42	26°♎54'49	0.67567 AU
asc. node	-92 Oct 21 j 08:32	26°♎45'09	
inferior conj	-92 Oct 21 j 18:36	26°♎10'54	0°08'42
minimum elong	-92 Oct 21 j 18:24	26°♎11'37	0°08'36
transit middle	-92 Oct 21 j 18:24	26°♎11'37	0°08'36
transit begin	-92 Oct 21 j 16:05	26°♎19'28	
transit end	-92 Oct 21 j 20:42	26°♎03'46	
morning rise	-92 Oct 27 j 04:25	20°♎01'32	
direct	-92 Oct 31 j 03:06	18°♎33'27	
morning max el	-92 Nov 08 j 08:29	23°♎20'34	20°49'17
greatest brilliancy	-92 Nov 14 j 04:05	0°♏09'47	-0.5m
	-92 Nov 14 j 01:03	0°♏	
desc. node	-92 Nov 30 j 01:40	22°♏57'32	
	-92 Dec 04 j 16:26	0°♐	
morning set	-92 Dec 07 j 17:02	4°♐41'08	
max. Earth dist.	-92 Dec 16 j 11:52	18°♐38'47	1.42907 AU
superior conj	-92 Dec 23 j 06:43	29°♐51'47	-1°-56'-58
minimum elong	-92 Dec 23 j 02:58	29°♐36'02	1°56'49
	-92 Dec 23 j 08:40	0°♑	
evening rise	-91 Jan 04 j 04:59	20°♑36'00	
	-91 Jan 09 j 12:23	0°♒	
asc. node	-91 Jan 17 j 07:51	12°♒36'08	
evening max el	-91 Jan 21 j 04:31	17°♒16'08	18°07'45
retrograde	-91 Jan 27 j 18:26	20°♒40'57	
evening set	-91 Jan 30 j 11:14	20°♒06'07	
inferior conj	-91 Feb 05 j 23:30	15°♒00'25	3°49'49
minimum elong	-91 Feb 05 j 23:58	14°♒59'16	3°49'48
min. Earth dist.	-91 Feb 08 j 23:09	12°♒02'27	0.61811 AU
morning rise	-91 Feb 12 j 10:18	9°♒07'02	
direct	-91 Feb 19 j 08:59	6°♒38'46	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-91 Feb 26 j 00:50	8°♒37'38	
morning max el	-91 Mar 05 j 10:50	14°♒29'40	27°46'11
	-91 Mar 18 j 00:11	0°♓	
	-91 Apr 04 j 14:43	0°♈	
morning set	-91 Apr 07 j 13:18	5°♈53'01	
max. Earth dist.	-91 Apr 13 j 10:56	18°♈19'34	1.32576 AU
superior conj	-91 Apr 14 j 23:23	21°♈37'23	0°-3'-25
minimum elong	-91 Apr 14 j 23:33	21°♈38'16	0°03'24
behind sun begin	-91 Apr 14 j 18:32	21°♈10'58	
behind sun end	-91 Apr 15 j 04:34	22°♈05'35	
asc. node	-91 Apr 15 j 07:11	22°♈19'48	
	-91 Apr 18 j 19:38	0°♉	
evening rise	-91 Apr 21 j 23:01	6°♉44'32	
	-91 May 04 j 05:47	0°♊	
evening max el	-91 May 17 j 06:46	17°♊01'38	24°32'06
desc. node	-91 May 25 j 00:07	22°♊35'59	
retrograde	-91 May 31 j 04:59	24°♊03'43	
evening set	-91 Jun 05 j 01:02	23°♊11'12	
min. Earth dist.	-91 Jun 10 j 18:10	20°♊16'42	0.56928 AU
inferior conj	-91 Jun 13 j 13:04	18°♊29'18	-4°-26'-20
minimum elong	-91 Jun 13 j 08:32	18°♊36'39	4°25'45
morning rise	-91 Jun 21 j 19:48	14°♊23'53	
direct	-91 Jun 24 j 10:06	14°♊05'18	
morning max el	-91 Jul 03 j 17:50	18°♊25'21	19°26'21
asc. node	-91 Jul 12 j 06:23	29°♊37'40	
	-91 Jul 12 j 11:46	0°♋	
morning set	-91 Jul 20 j 23:41	15°♋54'10	
	-91 Jul 28 j 00:46	0°♌	
superior conj	-91 Jul 29 j 03:01	2°♌09'10	1°47'12
minimum elong	-91 Jul 29 j 03:03	2°♌09'21	1°47'12
max. Earth dist.	-91 Aug 04 j 06:52	13°♌53'16	1.37823 AU
evening rise	-91 Aug 08 j 02:58	20°♌49'33	
	-91 Aug 13 j 11:09	0°♍	
desc. node	-91 Aug 20 j 23:28	12°♍01'10	
	-91 Sep 02 j 14:41	0°♎	
evening max el	-91 Sep 12 j 21:04	11°♎55'50	25°08'20
retrograde	-91 Sep 24 j 17:07	18°♎46'44	
evening set	-91 Sep 30 j 11:17	16°♎21'52	
min. Earth dist.	-91 Oct 04 j 23:53	11°♎17'06	0.67156 AU
inferior conj	-91 Oct 05 j 23:29	9°♎59'54	0°-46'-33
minimum elong	-91 Oct 06 j 00:39	9°♎56'05	0°46'04
asc. node	-91 Oct 08 j 05:36	7°♎09'14	
morning rise	-91 Oct 11 j 14:32	3°♎57'55	
direct	-91 Oct 15 j 01:16	2°♎49'16	
morning max el	-91 Oct 22 j 10:24	7°♎01'50	19°42'07
greatest brilliancy	-91 Oct 30 j 13:09	17°♎12'12	-0.6m
	-91 Nov 08 j 04:46	0°♏	
morning set	-91 Nov 16 j 14:12	12°♏53'19	
desc. node	-91 Nov 16 j 22:42	13°♏26'12	
	-91 Nov 27 j 12:58	0°♐	
max. Earth dist.	-91 Nov 29 j 00:20	2°♐20'10	1.44269 AU
superior conj	-91 Dec 03 j 08:44	9°♐17'41	-1°-34'-52
minimum elong	-91 Dec 03 j 00:51	8°♐45'58	1°34'11
	-91 Dec 15 j 21:58	0°♑	
evening rise	-91 Dec 17 j 03:46	2°♑05'45	
asc. node	-90 Jan 04 j 04:54	0°♒01'55	
	-90 Jan 04 j 04:11	0°♒	
evening max el	-90 Jan 04 j 17:03	0°♒33'37	18°18'45
retrograde	-90 Jan 11 j 04:58	4°♒04'37	
evening set	-90 Jan 14 j 02:15	3°♒20'02	
	-90 Jan 18 j 06:10	30°℞♑	
inferior conj	-90 Jan 20 j 04:31	27°♑54'06	3°45'57
minimum elong	-90 Jan 20 j 03:09	27°♑57'57	3°45'51
min. Earth dist.	-90 Jan 22 j 13:35	25°♑14'46	0.63691 AU
morning rise	-90 Jan 26 j 02:28	21°♑50'42	
direct	-90 Feb 02 j 01:16	19°♑03'55	
desc. node	-90 Feb 12 j 21:52	24°♒14'51	
morning max el	-90 Feb 15 j 18:43	26°♒54'29	27°37'18
	-90 Feb 18 j 16:50	0°♒	
	-90 Mar 11 j 14:59	0°♓	
morning set	-90 Mar 22 j 10:45	19°♓59'48	
	-90 Mar 27 j 08:11	0°♈	
max. Earth dist.	-90 Mar 27 j 15:24	0°♈37'56	1.33212 AU
superior conj	-90 Mar 30 j 06:40	6°♈13'43	0°-30'-10
minimum elong	-90 Mar 30 j 08:07	6°♈21'28	0°29'52
asc. node	-90 Apr 02 j 04:13	12°♈27'36	
evening rise	-90 Apr 06 j 10:42	21°♈35'17	
	-90 Apr 10 j 13:18	0°♉	
evening max el	-90 Apr 28 j 21:39	27°♉35'50	22°57'07
	-90 May 01 j 15:34	0°♊	
desc. node	-90 May 11 j 21:07	4°♊12'54	
retrograde	-90 May 12 j 05:42	4°♊13'11	
evening set	-90 May 15 j 15:36	3°♊47'40	
min. Earth dist.	-90 May 23 j 06:45	0°♊24'28	0.55550 AU
	-90 May 23 j 23:45	30°℞♉	
inferior conj	-90 May 24 j 20:19	29°♉30'12	-3°-23'-54
minimum elong	-90 May 24 j 13:04	29°♉40'42	3°22'02
morning rise	-90 Jun 02 j 13:29	25°♉36'34	
direct	-90 Jun 05 j 07:50	25°♉18'31	
	-90 Jun 15 j 20:16	0°♊	
morning max el	-90 Jun 16 j 06:10	0°♊22'30	20°38'50
asc. node	-90 Jun 29 j 03:28	18°♊35'56	
	-90 Jul 04 j 23:22	0°♋	
morning set	-90 Jul 05 j 05:50	0°♋33'03	
superior conj	-90 Jul 12 j 20:38	16°♋15'50	1°43'22
minimum elong	-90 Jul 12 j 19:11	16°♋08'28	1°43'17
max. Earth dist.	-90 Jul 17 j 14:17	25°♋43'32	1.36001 AU
	-90 Jul 19 j 19:31	0°♌	
evening rise	-90 Jul 21 j 17:16	3°♌35'08	
	-90 Aug 06 j 09:33	0°♍	
desc. node	-90 Aug 07 j 20:31	2°♍11'19	
evening max el	-90 Aug 26 j 08:40	25°♍32'39	26°14'34
	-90 Aug 31 j 16:54	0°♎	
retrograde	-90 Sep 08 j 00:17	2°♎42'23	
evening set	-90 Sep 14 j 08:50	0°♎03'56	
	-90 Sep 14 j 10:42	30°℞♍	
min. Earth dist.	-90 Sep 18 j 13:29	25°♍36'17	0.66406 AU
inferior conj	-90 Sep 20 j 00:37	23°♍47'51	-1°-42'-41
minimum elong	-90 Sep 20 j 03:13	23°♍39'47	1°41'38
asc. node	-90 Sep 25 j 02:38	18°♍28'36	
morning rise	-90 Sep 25 j 22:35	17°♍56'13	
direct	-90 Sep 28 j 23:30	17°♍03'33	
morning max el	-90 Oct 05 j 19:19	20°♍51'44	18°49'57
	-90 Oct 12 j 23:37	0°♎	
morning set	-90 Oct 27 j 04:55	22°♎03'40	
	-90 Nov 01 j 05:35	0°♏	
desc. node	-90 Nov 03 j 19:47	4°♏04'51	
max. Earth dist.	-90 Nov 11 j 17:37	16°♏30'49	1.44964 AU
superior conj	-90 Nov 12 j 13:36	17°♏49'26	0°-55'-16
minimum elong	-90 Nov 12 j 06:45	17°♏22'29	0°54'26
	-90 Nov 20 j 06:27	0°♐	
evening rise	-90 Nov 28 j 03:46	12°♐37'55	
	-90 Dec 08 j 23:38	0°♑	
evening max el	-90 Dec 19 j 04:13	13°♑57'44	18°47'50
asc. node	-90 Dec 22 j 01:56	16°♑26'27	
retrograde	-90 Dec 25 j 22:15	17°♑45'41	
evening set	-90 Dec 29 j 01:00	16°♑50'12	
inferior conj	-89 Jan 03 j 20:04	11°♒06'29	3°26'23

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-89 Jan 03 j 17:37	11°♉13'59	3°25'57
min. Earth dist.	-89 Jan 05 j 13:49	8°♉58'46	0.65231 AU
morning rise	-89 Jan 09 j 09:10	4°♉56'33	
direct	-89 Jan 16 j 00:31	2°♉05'49	
morning max el	-89 Jan 29 j 04:31	9°♉47'12	26°55'26
desc. node	-89 Jan 30 j 18:56	11°♉26'43	
	-89 Feb 14 j 03:16	0°♒	
	-89 Mar 04 j 01:22	0°♓	
morning set	-89 Mar 05 j 22:06	3°♓32'02	
max. Earth dist.	-89 Mar 10 j 09:52	12°♓22'23	1.34283 AU
superior conj	-89 Mar 14 j 08:46	20°♓29'34	0°-56'-50
minimum elong	-89 Mar 14 j 11:28	20°♓43'40	0°56'21
	-89 Mar 18 j 21:11	0°♈	
asc. node	-89 Mar 20 j 01:16	2°♈28'01	
evening rise	-89 Mar 21 j 20:42	6°♈15'20	
	-89 Apr 03 j 21:22	0°♉	
evening max el	-89 Apr 10 j 18:20	8°♉21'16	21°25'42
retrograde	-89 Apr 22 j 20:48	14°♉14'37	
evening set	-89 Apr 25 j 06:50	14°♉01'15	
desc. node	-89 Apr 28 j 18:09	12°♉59'45	
inferior conj	-89 May 04 j 15:37	10°♉00'50	-1°-40'-16
minimum elong	-89 May 04 j 10:58	10°♉07'22	1°38'41
min. Earth dist.	-89 May 04 j 19:39	9°♉55'10	0.54988 AU
morning rise	-89 May 13 j 15:27	6°♉01'33	
direct	-89 May 16 j 18:31	5°♉40'14	
morning max el	-89 May 29 j 07:39	11°♉37'08	22°08'58
	-89 Jun 11 j 17:59	0°♊	
asc. node	-89 Jun 16 j 00:31	8°♊01'18	
morning set	-89 Jun 19 j 15:39	15°♊24'02	
superior conj	-89 Jun 26 j 22:25	0°♋47'36	1°33'08
minimum elong	-89 Jun 26 j 20:08	0°♋35'40	1°32'54
	-89 Jun 26 j 13:22	0°♋	
max. Earth dist.	-89 Jun 30 j 06:02	7°♋41'35	1.34515 AU
evening rise	-89 Jul 04 j 23:34	17°♋08'21	
	-89 Jul 11 j 22:19	0°♌	
desc. node	-89 Jul 25 j 17:32	21°♌56'31	
	-89 Jul 31 j 18:07	0°♍	
evening max el	-89 Aug 08 j 20:28	9°♍02'25	27°02'24
retrograde	-89 Aug 22 j 02:17	16°♍21'09	
evening set	-89 Aug 28 j 22:48	13°♍36'18	
min. Earth dist.	-89 Sep 01 j 20:09	9°♍46'07	0.65295 AU
inferior conj	-89 Sep 03 j 19:51	7°♍29'56	-2°-37'-44
minimum elong	-89 Sep 03 j 23:46	7°♍18'45	2°36'22
morning rise	-89 Sep 10 j 02:14	1°♍51'46	
asc. node	-89 Sep 11 j 23:42	1°♍15'07	
direct	-89 Sep 12 j 19:45	1°♍11'19	
morning max el	-89 Sep 19 j 08:55	4°♍44'21	18°14'07
	-89 Oct 06 j 09:31	0°♎	
morning set	-89 Oct 07 j 23:53	2°♎37'57	
desc. node	-89 Oct 21 j 16:51	24°♎49'11	
superior conj	-89 Oct 22 j 15:49	26°♎20'16	0°-6'-18
minimum elong	-89 Oct 22 j 15:00	26°♎17'01	0°06'13
behind sun begin	-89 Oct 22 j 04:44	25°♎36'20	
behind sun end	-89 Oct 23 j 01:16	26°♎57'40	
	-89 Oct 24 j 23:25	0°♏	
max. Earth dist.	-89 Oct 25 j 12:09	0°♏50'11	1.44919 AU
evening rise	-89 Nov 08 j 04:26	22°♏13'29	
	-89 Nov 13 j 04:24	0°♐	
greatest brilliancy	-89 Nov 24 j 03:41	16°♐40'37	-0.7m
evening max el	-89 Dec 02 j 11:53	27°♐25'15	19°33'45
	-89 Dec 05 j 10:06	0°♑	
asc. node	-89 Dec 08 j 22:57	1°♑35'05	
retrograde	-89 Dec 09 j 18:59	1°♑39'00	
evening set	-89 Dec 13 j 04:51	0°♑30'54	
	-89 Dec 13 j 21:48	30°℞♐	
inferior conj	-89 Dec 18 j 18:58	24°♐32'21	2°55'27
minimum elong	-89 Dec 18 j 16:10	24°♐41'31	2°54'42
min. Earth dist.	-89 Dec 19 j 22:31	23°♐02'25	0.66384 AU
morning rise	-89 Dec 24 j 02:43	18°♐18'31	
direct	-89 Dec 30 j 05:53	15°♐36'20	
morning max el	-88 Jan 11 j 13:48	22°♐55'09	25°48'24
desc. node	-88 Jan 17 j 16:01	29°♐46'02	
	-88 Jan 17 j 20:34	0°♑	
	-88 Feb 07 j 10:51	0°♒	
morning set	-88 Feb 16 j 19:01	16°♒17'05	
max. Earth dist.	-88 Feb 20 j 16:19	23°♒34'33	1.35810 AU
	-88 Feb 23 j 23:30	0°♓	
superior conj	-88 Feb 26 j 03:10	4°♓17'52	-1°-21'-52
minimum elong	-88 Feb 26 j 06:48	4°♓36'11	1°21'21
evening rise	-88 Mar 05 j 03:01	20°♓38'39	
asc. node	-88 Mar 05 j 22:18	22°♓16'37	
	-88 Mar 09 j 20:12	0°♈	
evening max el	-88 Mar 23 j 01:44	19°♈40'09	20°07'56
retrograde	-88 Apr 02 j 11:30	24°♈39'50	
evening set	-88 Apr 04 j 14:10	24°♈28'24	
inferior conj	-88 Apr 13 j 12:45	20°♈29'35	0°18'50
minimum elong	-88 Apr 13 j 13:36	20°♈28'19	0°18'33
desc. node	-88 Apr 14 j 15:10	19°♈50'00	
min. Earth dist.	-88 Apr 15 j 09:40	19°♈22'29	0.55392 AU
morning rise	-88 Apr 22 j 10:20	16°♈06'11	
direct	-88 Apr 26 j 08:20	15°♈32'36	
morning max el	-88 May 10 j 00:58	22°♈18'10	23°49'08
	-88 May 16 j 19:06	0°♉	
asc. node	-88 Jun 01 j 21:36	27°♉46'32	
	-88 Jun 02 j 23:13	0°♊	
morning set	-88 Jun 03 j 03:20	0°♊21'32	
superior conj	-88 Jun 10 j 05:35	15°♊35'42	1°17'52
minimum elong	-88 Jun 10 j 03:05	15°♊22'15	1°17'31
max. Earth dist.	-88 Jun 12 j 07:15	20°♊01'46	1.33421 AU
	-88 Jun 17 j 02:16	0°♋	
evening rise	-88 Jun 17 j 17:30	1°♋16'46	
	-88 Jul 03 j 20:55	0°♌	
desc. node	-88 Jul 11 j 14:31	11°♌06'18	
evening max el	-88 Jul 21 j 07:31	22°♌14'51	27°24'41
retrograde	-88 Aug 03 j 22:26	29°♌34'40	
evening set	-88 Aug 11 j 02:12	26°♌54'05	
min. Earth dist.	-88 Aug 14 j 17:56	23°♌38'30	0.63823 AU
inferior conj	-88 Aug 17 j 06:43	21°♌01'13	-3°-28'-53
minimum elong	-88 Aug 17 j 11:25	20°♌49'00	3°27'34
morning rise	-88 Aug 23 j 22:42	15°♌39'39	
direct	-88 Aug 26 j 11:24	15°♌07'55	
asc. node	-88 Aug 28 j 20:47	15°♌36'37	
morning max el	-88 Sep 02 j 00:34	18°♌33'57	17°55'33
	-88 Sep 10 j 08:45	0°♍	
morning set	-88 Sep 18 j 21:19	14°♍28'37	
	-88 Sep 28 j 00:14	0°♎	
superior conj	-88 Oct 01 j 12:01	5°♎46'24	0°39'36
minimum elong	-88 Oct 01 j 16:03	6°♎02'58	0°39'03
max. Earth dist.	-88 Oct 07 j 05:17	15°♎01'31	1.44161 AU
desc. node	-88 Oct 07 j 13:52	15°♎35'44	
	-88 Oct 16 j 18:24	0°♏	
evening rise	-88 Oct 17 j 13:14	1°♏12'37	
	-88 Nov 05 j 21:13	0°♐	
greatest brilliancy	-88 Nov 08 j 14:21	3°♐41'47	-0.5m
evening max el	-88 Nov 14 j 14:27	10°♐53'39	20°34'19
retrograde	-88 Nov 22 j 16:36	15°♐40'10	
asc. node	-88 Nov 24 j 19:59	15°♐14'06	
evening set	-88 Nov 26 j 11:37	14°♐17'21	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-88 Dec 01 j 22:38	8°♐07'06	2°16'00
minimum elong	-88 Dec 01 j 20:02	8°♐15'55	2°15'06
min. Earth dist.	-88 Dec 02 j 13:29	7°♐16'37	0.67159 AU
morning rise	-88 Dec 07 j 03:58	1°♐51'39	
	-88 Dec 09 j 23:54	30°℞♏	
direct	-88 Dec 12 j 16:28	29°♏26'47	
	-88 Dec 15 j 13:24	0°♐	
morning max el	-88 Dec 23 j 22:03	6°♐08'47	24°25'56
desc. node	-87 Jan 03 j 13:04	18°♐52'29	
	-87 Jan 11 j 10:23	0°♑	
morning set	-87 Jan 28 j 19:44	27°♑57'49	
	-87 Jan 29 j 23:33	0°♒	
max. Earth dist.	-87 Feb 01 j 13:23	4°♒36'30	1.37736 AU
superior conj	-87 Feb 08 j 10:28	17°♒28'44	-1°-43'-11
minimum elong	-87 Feb 08 j 14:15	17°♒46'58	1°42'49
	-87 Feb 14 j 19:20	0°♓	
evening rise	-87 Feb 17 j 03:16	4°♓37'47	
asc. node	-87 Feb 20 j 19:19	11°♓47'38	
	-87 Mar 04 j 06:59	0°♈	
evening max el	-87 Mar 05 j 20:09	1°♈36'50	19°08'34
retrograde	-87 Mar 14 j 14:31	5°♈49'56	
evening set	-87 Mar 16 j 19:43	5°♈34'56	
inferior conj	-87 Mar 25 j 00:31	1°♈23'00	2°00'43
minimum elong	-87 Mar 25 j 04:39	1°♈15'56	1°59'29
	-87 Mar 27 j 01:01	30°℞♓	
min. Earth dist.	-87 Mar 28 j 00:56	29°♓20'06	0.56671 AU
desc. node	-87 Apr 01 j 12:12	26°♓49'09	
morning rise	-87 Apr 02 j 09:32	26°♓27'08	
direct	-87 Apr 07 j 10:03	25°♓28'21	
	-87 Apr 18 j 10:55	0°♈	
morning max el	-87 Apr 21 j 15:28	2°♈47'10	25°26'41
	-87 May 10 j 21:13	0°♉	
morning set	-87 May 18 j 15:11	15°♉19'30	
asc. node	-87 May 19 j 18:38	17°♉44'58	
	-87 May 25 j 10:02	0°♊	
superior conj	-87 May 25 j 15:55	0°♊32'11	0°58'37
minimum elong	-87 May 25 j 13:42	0°♊20'03	0°58'14
max. Earth dist.	-87 May 26 j 15:48	2°♊42'31	1.32710 AU
evening rise	-87 Jun 01 j 19:32	15°♊48'54	
	-87 Jun 09 j 01:56	0°♋	
desc. node	-87 Jun 28 j 11:30	29°♋25'54	
	-87 Jun 28 j 23:11	0°♌	
evening max el	-87 Jul 03 j 15:27	4°♌56'37	27°15'58
retrograde	-87 Jul 17 j 11:48	12°♌13'55	
evening set	-87 Jul 24 j 15:12	9°♌50'46	
min. Earth dist.	-87 Jul 28 j 05:26	7°♌01'42	0.62020 AU
inferior conj	-87 Jul 31 j 06:11	4°♌14'37	-4°-11'-49
minimum elong	-87 Jul 31 j 10:36	4°♌04'25	4°10'59
	-87 Aug 05 j 15:34	30°℞♋	
morning rise	-87 Aug 07 j 08:39	29°♋13'04	
direct	-87 Aug 09 j 19:11	28°♋47'11	
	-87 Aug 13 j 19:45	0°♌	
asc. node	-87 Aug 15 j 17:51	1°♌24'36	
morning max el	-87 Aug 16 j 15:25	2°♌14'19	17°55'21
morning set	-87 Sep 01 j 15:22	27°♌18'51	
	-87 Sep 03 j 03:00	0°♍	
superior conj	-87 Sep 12 j 11:28	16°♍33'34	1°14'13
minimum elong	-87 Sep 12 j 16:23	16°♍54'43	1°13'41
max. Earth dist.	-87 Sep 19 j 18:43	28°♍49'08	1.42786 AU
	-87 Sep 20 j 12:03	0°♎	
desc. node	-87 Sep 24 j 10:52	6°♎21'45	
evening rise	-87 Sep 26 j 22:47	10°♎18'25	
	-87 Oct 09 j 22:31	0°♏	
greatest brilliancy	-87 Oct 23 j 15:21	18°♏52'21	-0.4m
evening max el	-87 Oct 28 j 11:15	24°♏22'45	21°46'13
retrograde	-87 Nov 06 j 13:12	29°♏46'44	
evening set	-87 Nov 10 j 19:27	28°♏07'10	
asc. node	-87 Nov 11 j 17:02	27°♏20'15	
inferior conj	-87 Nov 16 j 04:58	21°♏48'34	1°30'08
minimum elong	-87 Nov 16 j 03:02	21°♏55'15	1°29'22
min. Earth dist.	-87 Nov 16 j 08:27	21°♏36'31	0.67578 AU
morning rise	-87 Nov 21 j 10:22	15°♏33'43	
direct	-87 Nov 26 j 07:29	13°♏30'43	
morning max el	-87 Dec 06 j 07:38	19°♏27'12	22°58'08
greatest brilliancy	-87 Dec 11 j 01:58	24°♏46'52	-0.3m
	-87 Dec 15 j 04:50	0°♐	
desc. node	-87 Dec 21 j 10:06	8°♐32'39	
	-86 Jan 04 j 15:13	0°♑	
morning set	-86 Jan 09 j 18:04	8°♑19'00	
max. Earth dist.	-86 Jan 14 j 08:54	16°♑07'00	1.39858 AU
superior conj	-86 Jan 22 j 02:24	29°♑51'16	-1°-57'-43
minimum elong	-86 Jan 22 j 04:51	0°♒02'32	1°57'37
	-86 Jan 22 j 04:18	0°♒	
evening rise	-86 Jan 31 j 18:38	18°♒05'57	
	-86 Feb 07 j 03:51	0°♓	
asc. node	-86 Feb 07 j 16:20	0°♓55'09	
evening max el	-86 Feb 16 j 23:28	14°♓06'45	18°29'12
retrograde	-86 Feb 24 j 12:33	17°♓49'01	
evening set	-86 Feb 26 j 22:25	17°♓27'30	
inferior conj	-86 Mar 06 j 09:05	12°♓55'24	3°08'26
minimum elong	-86 Mar 06 j 12:56	12°♓47'42	3°07'39
min. Earth dist.	-86 Mar 09 j 19:19	10°♓12'22	0.58533 AU
morning rise	-86 Mar 13 j 23:35	7°♓30'15	
desc. node	-86 Mar 19 j 09:14	5°♓56'57	
direct	-86 Mar 20 j 00:58	5°♓55'50	
morning max el	-86 Apr 03 j 09:12	13°♓33'48	26°46'07
	-86 Apr 16 j 10:11	0°♈	
	-86 May 02 j 23:13	0°♉	
morning set	-86 May 03 j 01:36	0°♉12'25	
asc. node	-86 May 06 j 15:40	7°♉51'45	
superior conj	-86 May 10 j 03:36	15°♉30'55	0°36'16
minimum elong	-86 May 10 j 02:04	15°♉22'29	0°35'57
max. Earth dist.	-86 May 10 j 04:13	15°♉34'15	1.32368 AU
	-86 May 16 j 20:10	0°♊	
evening rise	-86 May 17 j 02:58	0°♊35'42	
	-86 Jun 02 j 05:51	0°♋	
desc. node	-86 Jun 15 j 08:31	16°♋33'59	
evening max el	-86 Jun 15 j 17:30	16°♋55'35	26°34'02
retrograde	-86 Jun 29 j 17:18	24°♋10'10	
evening set	-86 Jul 06 j 09:13	22°♋17'28	
min. Earth dist.	-86 Jul 10 j 06:44	19°♋40'29	0.59995 AU
inferior conj	-86 Jul 13 j 14:40	17°♋00'22	-4°-39'-37
minimum elong	-86 Jul 13 j 17:00	16°♋55'40	4°39'27
morning rise	-86 Jul 21 j 04:05	12°♋21'33	
direct	-86 Jul 23 j 14:48	11°♋59'30	
morning max el	-86 Jul 31 j 02:28	15°♋37'19	18°14'34
asc. node	-86 Aug 02 j 14:54	18°♋23'35	
	-86 Aug 10 j 03:19	0°♌	
morning set	-86 Aug 16 j 00:22	10°♌52'11	
superior conj	-86 Aug 25 j 12:22	28°♌36'13	1°35'49
minimum elong	-86 Aug 25 j 15:42	28°♌51'21	1°35'35
	-86 Aug 26 j 06:54	0°♍	
max. Earth dist.	-86 Sep 02 j 02:37	11°♍57'16	1.40968 AU
evening rise	-86 Sep 07 j 01:29	20°♍12'31	
desc. node	-86 Sep 11 j 07:53	27°♍03'26	
	-86 Sep 13 j 04:56	0°♎	
	-86 Oct 04 j 05:55	0°♏	
greatest brilliancy	-86 Oct 05 j 13:29	1°♏37'51	-0.2m

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-86 Oct 11 j 02:50	7°♏52'47	23°05'02
retrograde	-86 Oct 21 j 07:21	13°♏55'14	
evening set	-86 Oct 26 j 02:38	11°♏57'40	
asc. node	-86 Oct 29 j 14:06	8°♏09'55	
min. Earth dist.	-86 Oct 31 j 05:01	5°♏58'47	0.67665 AU
inferior conj	-86 Oct 31 j 12:05	5°♏34'25	0°39'27
minimum elong	-86 Oct 31 j 11:10	5°♏37'34	0°39'04
	-86 Nov 05 j 02:13	30°℞♎	
morning rise	-86 Nov 05 j 19:45	29°♎22'24	
direct	-86 Nov 10 j 02:07	27°♎42'11	
	-86 Nov 15 j 16:12	0°♏	
morning max el	-86 Nov 18 j 22:00	2°♏53'02	21°33'40
greatest brilliancy	-86 Nov 23 j 22:27	8°♏36'35	-0.4m
desc. node	-86 Dec 08 j 07:08	28°♏36'37	
	-86 Dec 09 j 05:32	0°♐	
morning set	-86 Dec 20 j 11:23	17°♐17'32	
max. Earth dist.	-86 Dec 27 j 09:28	28°♐29'01	1.41889 AU
	-86 Dec 28 j 07:25	0°♑	
superior conj	-85 Jan 03 j 21:37	11°♑11'57	-2°-1'-29
minimum elong	-85 Jan 03 j 20:39	11°♑07'46	2°01'29
	-85 Jan 14 j 09:35	0°♒	
evening rise	-85 Jan 14 j 21:34	0°♒54'45	
asc. node	-85 Jan 25 j 13:22	19°♒31'25	
evening max el	-85 Jan 31 j 08:41	27°♒01'40	18°09'56
	-85 Feb 04 j 15:34	0°♓	
retrograde	-85 Feb 07 j 04:09	0°♓29'03	
evening set	-85 Feb 09 j 18:24	29°♒59'30	
	-85 Feb 09 j 17:52	30°℞♒	
inferior conj	-85 Feb 16 j 13:51	25°♒05'56	3°42'34
minimum elong	-85 Feb 16 j 15:37	25°♒01'51	3°42'24
min. Earth dist.	-85 Feb 19 j 19:54	22°♒06'12	0.60620 AU
morning rise	-85 Feb 23 j 09:49	19°♒20'13	
direct	-85 Mar 02 j 03:37	17°♒09'12	
desc. node	-85 Mar 06 j 06:17	17°♒54'23	
morning max el	-85 Mar 16 j 09:14	24°♒57'59	27°34'48
	-85 Mar 21 j 00:19	0°♓	
	-85 Apr 09 j 17:34	0°♈	
morning set	-85 Apr 17 j 08:47	14°♈54'17	
max. Earth dist.	-85 Apr 23 j 16:37	28°♈24'10	1.32387 AU
asc. node	-85 Apr 23 j 12:42	28°♈02'44	
	-85 Apr 24 j 10:09	0°♉	
superior conj	-85 Apr 24 j 14:58	0°♉26'24	0°11'35
minimum elong	-85 Apr 24 j 14:27	0°♉23'30	0°11'28
behind sun begin	-85 Apr 24 j 10:57	0°♉04'19	
behind sun end	-85 Apr 24 j 17:57	0°♉42'42	
evening rise	-85 May 01 j 13:34	15°♉29'56	
	-85 May 08 j 19:52	0°♊	
evening max el	-85 May 28 j 12:36	28°♊09'38	25°22'39
	-85 May 30 j 13:37	0°♋	
desc. node	-85 Jun 02 j 05:32	2°♋01'50	
retrograde	-85 Jun 11 j 13:28	5°♋19'35	
evening set	-85 Jun 17 j 04:35	4°♋05'30	
min. Earth dist.	-85 Jun 22 j 00:29	1°♋21'59	0.57966 AU
	-85 Jun 24 j 00:02	30°℞♊	
inferior conj	-85 Jun 25 j 04:46	29°♊09'30	-4°-41'-48
minimum elong	-85 Jun 25 j 02:59	29°♊12'39	4°41'43
morning rise	-85 Jul 03 j 05:15	24°♊53'22	
direct	-85 Jul 05 j 17:47	24°♊33'55	
morning max el	-85 Jul 14 j 06:45	28°♊34'35	18°54'11
	-85 Jul 15 j 16:30	0°♋	
asc. node	-85 Jul 20 j 11:57	6°♋18'57	
morning set	-85 Jul 30 j 20:01	24°♋57'29	
	-85 Aug 02 j 09:30	0°♌	
superior conj	-85 Aug 08 j 09:11	11°♌38'55	1°45'50
minimum elong	-85 Aug 08 j 10:20	11°♌44'28	1°45'47
max. Earth dist.	-85 Aug 15 j 05:55	24°♌20'40	1.38957 AU
	-85 Aug 18 j 11:05	0°♍	
evening rise	-85 Aug 19 j 04:51	1°♍16'30	
desc. node	-85 Aug 29 j 04:54	17°♍37'00	
	-85 Sep 06 j 12:04	0°♎	
evening max el	-85 Sep 23 j 15:10	21°♎26'01	24°24'49
retrograde	-85 Oct 04 j 21:57	28°♎02'27	
evening set	-85 Oct 10 j 07:32	25°♎47'01	
min. Earth dist.	-85 Oct 15 j 00:52	20°♎21'44	0.67431 AU
inferior conj	-85 Oct 15 j 18:19	19°♎23'09	0°-14'-32
minimum elong	-85 Oct 15 j 18:40	19°♎21'58	0°14'23
transit middle	-85 Oct 15 j 18:40	19°♎21'58	0°14'23
transit begin	-85 Oct 15 j 17:23	19°♎26'16	
transit end	-85 Oct 15 j 19:57	19°♎17'41	
asc. node	-85 Oct 16 j 11:09	18°♎26'55	
morning rise	-85 Oct 21 j 06:09	13°♎16'35	
direct	-85 Oct 24 j 23:23	11°♎57'21	
morning max el	-85 Nov 01 j 19:33	16°♎28'56	20°18'58
greatest brilliancy	-85 Nov 08 j 10:34	24°♎26'48	-0.6m
	-85 Nov 12 j 10:36	0°♏	
desc. node	-85 Nov 25 j 04:11	18°♏57'52	
morning set	-85 Nov 29 j 09:19	25°♏26'54	
	-85 Dec 02 j 07:34	0°♐	
max. Earth dist.	-85 Dec 09 j 17:17	11°♐43'04	1.43557 AU
superior conj	-85 Dec 15 j 15:12	21°♐20'18	-1°-49'-53
minimum elong	-85 Dec 15 j 09:23	20°♐56'20	1°49'31
	-85 Dec 20 j 19:33	0°♑	
evening rise	-85 Dec 28 j 07:55	12°♑55'48	
	-84 Jan 07 j 07:52	0°♒	
asc. node	-84 Jan 12 j 10:26	7°♒26'36	
evening max el	-84 Jan 14 j 20:51	10°♒13'14	18°10'09
retrograde	-84 Jan 21 j 09:01	13°♒39'27	
evening set	-84 Jan 24 j 03:32	13°♒00'46	
inferior conj	-84 Jan 30 j 11:12	7°♒46'25	3°50'25
minimum elong	-84 Jan 30 j 10:48	7°♒47'29	3°50'25
min. Earth dist.	-84 Feb 02 j 05:03	4°♒53'54	0.62643 AU
morning rise	-84 Feb 05 j 15:59	1°♒48'00	
	-84 Feb 08 j 16:45	30°℞♑	
direct	-84 Feb 12 j 15:48	29°♑09'44	
	-84 Feb 16 j 20:05	0°♒	
desc. node	-84 Feb 21 j 03:21	2°♒21'52	
morning max el	-84 Feb 26 j 14:49	7°♒02'23	27°46'46
	-84 Mar 15 j 03:42	0°♓	
morning set	-84 Mar 31 j 10:31	29°♓16'28	
	-84 Mar 31 j 19:08	0°♈	
max. Earth dist.	-84 Apr 06 j 00:55	10°♈56'51	1.32790 AU
superior conj	-84 Apr 08 j 00:16	15°♈11'37	0°-14'-41
minimum elong	-84 Apr 08 j 00:58	15°♈15'24	0°14'34
behind sun begin	-84 Apr 07 j 22:53	15°♈04'08	
behind sun end	-84 Apr 08 j 03:02	15°♈26'40	
asc. node	-84 Apr 09 j 09:44	18°♈13'00	
	-84 Apr 14 j 20:53	0°♉	
evening rise	-84 Apr 15 j 01:22	0°♉23'40	
	-84 May 01 j 15:05	0°♊	
evening max el	-84 May 09 j 03:21	8°♊51'03	23°52'10
desc. node	-84 May 19 j 02:35	15°♊12'36	
retrograde	-84 May 22 j 21:49	15°♊45'32	
evening set	-84 May 27 j 02:37	15°♊06'32	
min. Earth dist.	-84 Jun 02 j 14:22	12°♊00'58	0.56254 AU
inferior conj	-84 Jun 04 j 22:42	10°♊34'54	-4°-5'-34
minimum elong	-84 Jun 04 j 16:30	10°♊44'26	4°04'26
morning rise	-84 Jun 13 j 10:02	6°♊35'58	
direct	-84 Jun 16 j 01:32	6°♊17'59	
morning max el	-84 Jun 26 j 01:26	10°♊55'40	19°54'46

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-84 Jul 06 j 09:00	24°♊57'05		
	-84 Jul 09 j 03:47	0°♋		
morning set	-84 Jul 13 j 23:02	9°♋25'34		
superior conj	-84 Jul 21 j 20:25	25°♋25'23	1°46'27	
minimum elong	-84 Jul 21 j 19:45	25°♋22'02	1°46'26	
	-84 Jul 24 j 04:00	0°♌		
max. Earth dist.	-84 Jul 27 j 09:45	6°♌13'57	1.37011 AU	
evening rise	-84 Jul 31 j 07:39	13°♌28'07		
	-84 Aug 09 j 23:55	0°♍		
desc. node	-84 Aug 15 j 01:57	7°♍57'14		
	-84 Aug 31 j 09:31	0°♎		
evening max el	-84 Sep 05 j 02:42	5°♎02'49	25°38'23	
retrograde	-84 Sep 17 j 08:05	12°♎03'35		
evening set	-84 Sep 23 j 08:21	9°♎32'31		
min. Earth dist.	-84 Sep 27 j 17:32	4°♎43'05	0.66871 AU	
inferior conj	-84 Sep 28 j 21:52	3°♎12'20	-1°-10'-22	
minimum elong	-84 Sep 28 j 23:38	3°♎06'39	1°09'37	
	-84 Oct 01 j 12:57	30°℞♍		
asc. node	-84 Oct 02 j 08:13	29°♍08'49		
morning rise	-84 Oct 04 j 15:38	27°♍14'08		
direct	-84 Oct 07 j 21:51	26°♍12'46		
	-84 Oct 14 j 18:56	0°♎		
morning max el	-84 Oct 15 j 00:36	0°♎14'10	19°17'58	
greatest brilliancy	-84 Oct 25 j 02:49	13°♎26'32	-0.7m	
	-84 Nov 04 j 22:30	0°♏		
morning set	-84 Nov 07 j 11:34	3°♏57'29		
desc. node	-84 Nov 11 j 01:14	9°♏31'24		
max. Earth dist.	-84 Nov 21 j 07:44	25°♏37'57	1.44649 AU	
superior conj	-84 Nov 24 j 06:54	0°♐19'51	-1°-19'-57	
minimum elong	-84 Nov 23 j 22:38	29°♏46'59	1°19'05	
	-84 Nov 24 j 01:54	0°♐		
evening rise	-84 Dec 08 j 21:24	24°♐01'50		
	-84 Dec 12 j 11:48	0°♑		
evening max el	-84 Dec 28 j 09:12	23°♑35'07	18°29'01	
asc. node	-84 Dec 29 j 07:29	24°♑28'50		
retrograde	-83 Jan 03 j 22:45	27°♑11'52		
evening set	-83 Jan 06 j 22:13	26°♑22'51		
inferior conj	-83 Jan 12 j 21:09	20°♑49'22	3°39'16	
minimum elong	-83 Jan 12 j 19:14	20°♑54'58	3°39'02	
min. Earth dist.	-83 Jan 14 j 23:46	18°♑22'06	0.64396 AU	
morning rise	-83 Jan 18 j 14:54	14°♑42'58		
direct	-83 Jan 25 j 11:27	11°♑52'27		
desc. node	-83 Feb 07 j 00:24	18°♑43'35		
morning max el	-83 Feb 07 j 23:40	19°♑40'27	27°23'01	
	-83 Feb 16 j 20:04	0°♒		
	-83 Mar 08 j 03:22	0°♓		
morning set	-83 Mar 15 j 04:07	13°♓10'10		
max. Earth dist.	-83 Mar 20 j 01:20	23°♓00'52	1.33614 AU	
superior conj	-83 Mar 23 j 05:38	29°♓40'35	0°-41'-33	
minimum elong	-83 Mar 23 j 07:38	29°♓51'11	0°41'10	
	-83 Mar 23 j 09:18	0°♈		
asc. node	-83 Mar 27 j 06:47	8°♈18'34		
evening rise	-83 Mar 30 j 12:33	15°♈10'50		
	-83 Apr 07 j 00:38	0°♉		
evening max el	-83 Apr 20 j 20:04	19°♉27'13	22°17'04	
retrograde	-83 May 03 j 17:20	25°♉47'12		
desc. node	-83 May 05 j 23:36	25°♉35'52		
evening set	-83 May 06 j 15:04	25°♉28'36		
min. Earth dist.	-83 May 15 j 03:02	21°♉49'18	0.55204 AU	
inferior conj	-83 May 15 j 23:31	21°♉20'23	-2°-43'-56	
minimum elong	-83 May 15 j 16:42	21°♉30'01	2°41'53	
morning rise	-83 May 24 j 20:13	17°♉26'23		
direct	-83 May 27 j 17:30	17°♉07'30		
morning max el	-83 Jun 08 j 08:53	22°♉33'55	21°15'15	
	-83 Jun 14 j 18:08	0°♊		
asc. node	-83 Jun 23 j 06:03	14°♊07'42		
morning set	-83 Jun 28 j 06:56	24°♊09'56		
	-83 Jul 01 j 02:09	0°♋		
superior conj	-83 Jul 05 j 17:49	9°♋43'18	1°39'42	
minimum elong	-83 Jul 05 j 15:57	9°♋33'36	1°39'34	
max. Earth dist.	-83 Jul 09 j 20:27	18°♋05'07	1.35328 AU	
evening rise	-83 Jul 14 j 05:20	26°♋35'25		
	-83 Jul 16 j 01:01	0°♌		
desc. node	-83 Aug 01 j 22:58	27°♌57'33		
	-83 Aug 03 j 08:52	0°♍		
evening max el	-83 Aug 18 j 14:39	18°♍38'16	26°37'47	
retrograde	-83 Aug 31 j 12:59	25°♍52'20		
evening set	-83 Sep 07 j 02:56	23°♍10'27		
min. Earth dist.	-83 Sep 11 j 04:30	18°♍58'37	0.65973 AU	
inferior conj	-83 Sep 12 j 20:45	16°♍58'08	-2°-6'-19	
minimum elong	-83 Sep 12 j 23:56	16°♍48'34	2°05'07	
morning rise	-83 Sep 18 j 22:06	11°♍11'36		
asc. node	-83 Sep 19 j 05:16	11°♍02'25		
direct	-83 Sep 21 j 19:37	10°♍24'25		
morning max el	-83 Sep 28 j 11:41	14°♍05'05	18°32'38	
	-83 Oct 10 j 00:07	0°♎		
morning set	-83 Oct 18 j 13:54	13°♎42'52		
desc. node	-83 Oct 28 j 22:17	0°♏12'37		
	-83 Oct 28 j 19:05	0°♏		
superior conj	-83 Nov 03 j 07:45	8°♏42'57	0°-34'-54	
minimum elong	-83 Nov 03 j 03:11	8°♏24'58	0°34'19	
max. Earth dist.	-83 Nov 04 j 02:13	9°♏55'34	1.45036 AU	
	-83 Nov 16 j 20:16	0°♐		
evening rise	-83 Nov 19 j 11:07	4°♐08'46		
	-83 Dec 06 j 03:55	0°♑		
evening max el	-83 Dec 11 j 19:12	7°♑01'29	19°05'27	
asc. node	-83 Dec 16 j 04:32	10°♑23'14		
retrograde	-83 Dec 18 j 17:47	10°♑58'59		
evening set	-83 Dec 21 j 23:27	9°♑58'13		
inferior conj	-83 Dec 27 j 16:09	4°♑07'51	3°14'27	
minimum elong	-83 Dec 27 j 13:28	4°♑16'17	3°13'51	
min. Earth dist.	-83 Dec 29 j 03:38	2°♑16'00	0.65775 AU	
	-83 Dec 31 j 01:22	30°℞♐		
morning rise	-82 Jan 02 j 02:37	27°♐56'16		
direct	-82 Jan 08 j 13:19	25°♐07'57		
	-82 Jan 18 j 12:38	0°♑		
morning max el	-82 Jan 21 j 09:17	2°♑40'34	26°29'26	
desc. node	-82 Jan 24 j 21:27	6°♑26'53		
	-82 Feb 11 j 01:38	0°♒		
morning set	-82 Feb 26 j 09:53	26°♒23'49		
	-82 Feb 28 j 07:16	0°♓		
max. Earth dist.	-82 Mar 02 j 14:46	4°♓30'39	1.34887 AU	
superior conj	-82 Mar 07 j 04:48	13°♓45'51	-1°-7'-46	
minimum elong	-82 Mar 07 j 07:57	14°♓02'07	1°07'14	
asc. node	-82 Mar 14 j 03:50	28°♓14'48		
evening rise	-82 Mar 14 j 21:14	29°♓44'49		
	-82 Mar 15 j 00:11	0°♈		
	-82 Apr 02 j 10:41	0°♉		
evening max el	-82 Apr 02 j 20:59	0°♉25'16	20°50'27	
retrograde	-82 Apr 14 j 06:22	5°♉55'34		
evening set	-82 Apr 16 j 11:47	5°♉43'47		
desc. node	-82 Apr 22 j 20:36	3°♉21'40		
inferior conj	-82 Apr 25 j 17:41	1°♉46'06	0°-49'-31	
minimum elong	-82 Apr 25 j 15:20	1°♉49'26	0°48'40	
min. Earth dist.	-82 Apr 26 j 15:59	1°♉14'19	0.55050 AU	
	-82 Apr 28 j 21:52	30°℞♈		
morning rise	-82 May 04 j 17:56	27°♈38'54		
direct	-82 May 08 j 04:00	27°♈13'41		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-82 May 16 j 18:52	0°♉	
morning max el	-82 May 21 j 06:13	3°♉31'52	22°51'01
	-82 Jun 08 j 06:10	0°♊	
asc. node	-82 Jun 10 j 03:06	3°♊42'40	
morning set	-82 Jun 12 j 17:46	9°♊04'56	
superior conj	-82 Jun 19 j 22:11	24°♊23'14	1°27'11
minimum elong	-82 Jun 19 j 19:45	24°♊10'17	1°26'55
max. Earth dist.	-82 Jun 22 j 16:41	0°♋13'51	1.34004 AU
	-82 Jun 22 j 14:02	0°♋	
evening rise	-82 Jun 27 j 17:04	10°♋25'22	
	-82 Jul 08 j 10:09	0°♌	
desc. node	-82 Jul 19 j 19:57	17°♌29'33	
	-82 Jul 30 j 01:24	0°♍	
evening max el	-82 Aug 01 j 02:26	2°♍02'48	27°15'24
retrograde	-82 Aug 14 j 12:16	9°♍21'57	
evening set	-82 Aug 21 j 12:48	6°♍37'27	
min. Earth dist.	-82 Aug 25 j 07:30	3°♍02'46	0.64714 AU
inferior conj	-82 Aug 27 j 12:45	0°♍36'44	-3°00'-7
minimum elong	-82 Aug 27 j 17:05	0°♍24'49	2°58'43
	-82 Aug 28 j 02:11	30°℞♌	
morning rise	-82 Sep 02 j 23:05	25°♌05'17	
direct	-82 Sep 05 j 14:20	24°♌28'49	
asc. node	-82 Sep 06 j 02:18	24°♌30'08	
morning max el	-82 Sep 12 j 02:31	27°♌57'30	18°04'06
	-82 Sep 13 j 22:52	0°♍	
morning set	-82 Sep 29 j 20:47	24°♍52'09	
	-82 Oct 02 j 22:21	0°♎	
superior conj	-82 Oct 13 j 15:33	17°♎31'42	0°14'13
minimum elong	-82 Oct 13 j 17:15	17°♎38'31	0°13'58
behind sun begin	-82 Oct 13 j 11:49	17°♎16'41	
behind sun end	-82 Oct 13 j 22:42	18°♎00'21	
desc. node	-82 Oct 15 j 19:19	20°♎58'28	
max. Earth dist.	-82 Oct 17 j 21:04	24°♎15'54	1.44681 AU
	-82 Oct 21 j 12:28	0°♏	
evening rise	-82 Oct 30 j 03:36	13°♏25'33	
	-82 Nov 09 j 23:24	0°♐	
greatest brilliancy	-82 Nov 17 j 20:47	11°♐33'25	-0.6m
evening max el	-82 Nov 25 j 00:49	20°♐29'26	19°57'49
retrograde	-82 Dec 02 j 15:14	24°♐56'22	
asc. node	-82 Dec 03 j 01:34	24°♐55'19	
evening set	-82 Dec 06 j 04:48	23°♐42'04	
inferior conj	-82 Dec 11 j 17:21	17°♐37'53	2°39'37
minimum elong	-82 Dec 11 j 14:35	17°♐47'08	2°38'46
min. Earth dist.	-82 Dec 12 j 15:13	16°♐25'05	0.66760 AU
morning rise	-82 Dec 16 j 23:46	11°♐23'10	
direct	-82 Dec 22 j 20:46	8°♐47'52	
morning max el	-81 Jan 03 j 18:12	15°♐52'14	25°14'41
desc. node	-81 Jan 11 j 18:31	25°♐08'12	
	-81 Jan 15 j 10:52	0°♑	
	-81 Feb 03 j 23:24	0°♒	
morning set	-81 Feb 08 j 23:00	8°♒43'43	
max. Earth dist.	-81 Feb 12 j 17:00	15°♒36'29	1.36594 AU
superior conj	-81 Feb 18 j 18:55	27°♒19'27	-1°-31'-32
minimum elong	-81 Feb 18 j 22:45	27°♒38'25	1°31'03
	-81 Feb 20 j 03:13	0°♓	
evening rise	-81 Feb 27 j 01:18	13°♓59'06	
asc. node	-81 Mar 01 j 00:52	17°♓56'54	
	-81 Mar 07 j 12:15	0°♈	
evening max el	-81 Mar 16 j 09:05	12°♈00'00	19°40'11
retrograde	-81 Mar 26 j 01:26	16°♈38'50	
evening set	-81 Mar 28 j 04:24	16°♈26'25	
inferior conj	-81 Apr 05 j 19:48	12°♈22'56	1°05'42
minimum elong	-81 Apr 05 j 22:30	12°♈18'39	1°04'47
min. Earth dist.	-81 Apr 08 j 06:19	10°♈51'02	0.55841 AU

desc. node	-81 Apr 09 j 17:38	9°♈58'27	
morning rise	-81 Apr 14 j 13:09	7°♈46'00	
direct	-81 Apr 18 j 21:41	7°♈03'37	
morning max el	-81 May 02 j 21:43	14°♈05'09	24°31'59
	-81 May 15 j 08:25	0°♉	
morning set	-81 May 28 j 05:44	24°♉03'55	
asc. node	-81 May 28 j 00:08	23°♉34'29	
	-81 May 31 j 00:28	0°♊	
superior conj	-81 Jun 04 j 06:58	9°♊16'12	1°10'08
minimum elong	-81 Jun 04 j 04:32	9°♊02'59	1°09'45
max. Earth dist.	-81 Jun 05 j 21:25	12°♊44'01	1.33068 AU
evening rise	-81 Jun 11 j 14:48	24°♊45'12	
	-81 Jun 14 j 05:53	0°♋	
	-81 Jul 01 j 23:40	0°♌	
desc. node	-81 Jul 06 j 16:57	6°♌20'32	
evening max el	-81 Jul 14 j 12:14	15°♌03'11	27°24'53
retrograde	-81 Jul 28 j 05:40	22°♌22'33	
evening set	-81 Aug 04 j 10:35	19°♌47'17	
min. Earth dist.	-81 Aug 08 j 00:47	16°♌44'43	0.63094 AU
inferior conj	-81 Aug 10 j 19:08	14°♌01'17	-3°-48'-26
minimum elong	-81 Aug 10 j 23:53	13°♌49'30	3°47'18
morning rise	-81 Aug 17 j 15:33	8°♌48'13	
direct	-81 Aug 20 j 03:00	8°♌19'19	
asc. node	-81 Aug 23 j 23:21	9°♌30'11	
morning max el	-81 Aug 26 j 18:15	11°♌44'35	17°53'13
	-81 Sep 08 j 01:46	0°♍	
morning set	-81 Sep 12 j 03:41	7°♍09'59	
superior conj	-81 Sep 23 j 23:04	27°♍31'48	0°55'53
minimum elong	-81 Sep 24 j 03:55	27°♍52'05	0°55'16
	-81 Sep 25 j 10:40	0°♎	
max. Earth dist.	-81 Sep 30 j 12:44	8°♎18'34	1.43638 AU
desc. node	-81 Oct 02 j 16:19	11°♎45'12	
evening rise	-81 Oct 09 j 10:19	22°♎21'04	
	-81 Oct 14 j 10:03	0°♏	
greatest brilliancy	-81 Nov 02 j 15:27	27°♏38'55	-0.5m
	-81 Nov 04 j 12:34	0°♐	
evening max el	-81 Nov 08 j 00:48	3°♐57'31	21°03'44
retrograde	-81 Nov 16 j 12:46	9°♐00'10	
asc. node	-81 Nov 19 j 22:36	7°♐54'31	
evening set	-81 Nov 20 j 12:15	7°♐30'28	
inferior conj	-81 Nov 25 j 22:25	1°♐15'58	1°57'14
minimum elong	-81 Nov 25 j 20:03	1°♐24'04	1°56'22
min. Earth dist.	-81 Nov 26 j 08:16	0°♐42'06	0.67371 AU
	-81 Nov 26 j 20:35	30°℞♏	
morning rise	-81 Dec 01 j 03:28	25°♏00'19	
direct	-81 Dec 06 j 09:18	22°♏44'33	
morning max el	-81 Dec 17 j 02:50	29°♏08'33	23°48'45
	-81 Dec 17 j 22:49	0°♐	
desc. node	-81 Dec 29 j 15:34	14°♐30'33	
	-80 Jan 09 j 06:23	0°♑	
morning set	-80 Jan 21 j 13:20	19°♑53'17	
max. Earth dist.	-80 Jan 25 j 12:21	26°♑46'24	1.38620 AU
	-80 Jan 27 j 07:43	0°♒	
superior conj	-80 Feb 01 j 20:18	10°♒11'39	-1°-50'-23
minimum elong	-80 Feb 01 j 23:45	10°♒27'56	1°50'08
evening rise	-80 Feb 10 j 22:13	27°♒46'41	
	-80 Feb 12 j 01:35	0°♓	
asc. node	-80 Feb 15 j 21:54	7°♓19'27	
evening max el	-80 Feb 27 j 07:42	24°♓12'41	18°49'25
retrograde	-80 Mar 06 j 12:26	28°♓10'52	
evening set	-80 Mar 08 j 19:24	27°♓53'30	
inferior conj	-80 Mar 16 j 16:18	23°♓33'42	2°33'48
minimum elong	-80 Mar 16 j 20:41	23°♓25'42	2°32'39
min. Earth dist.	-80 Mar 19 j 23:01	21°♓10'58	0.57404 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning rise	-80 Mar 24 j 17:44	18°♓24'03	
desc. node	-80 Mar 26 j 14:41	17°♓42'54	
direct	-80 Mar 30 j 05:22	17°♓10'52	
morning max el	-80 Apr 13 j 13:16	24°♓40'13	26°03'29
	-80 Apr 18 j 10:47	0°♈	
	-80 May 07 j 06:49	0°♉	
morning set	-80 May 11 j 17:13	9°♉01'15	
asc. node	-80 May 13 j 21:11	13°♉37'45	
superior conj	-80 May 18 j 18:09	24°♉15'21	0°49'30
minimum elong	-80 May 18 j 16:10	24°♉04'31	0°49'08
max. Earth dist.	-80 May 19 j 07:55	25°♉30'50	1.32518 AU
	-80 May 21 j 09:16	0°♊	
evening rise	-80 May 25 j 19:29	9°♊25'16	
	-80 Jun 05 j 14:14	0°♋	
desc. node	-80 Jun 22 j 13:57	24°♋13'12	
evening max el	-80 Jun 25 j 17:49	27°♋27'47	27°02'02
	-80 Jun 28 j 15:20	0°♌	
retrograde	-80 Jul 09 j 16:12	4°♌44'45	
evening set	-80 Jul 16 j 16:07	2°♌32'57	
	-80 Jul 20 j 03:37	30°℞♋	
min. Earth dist.	-80 Jul 20 j 07:56	29°♋51'03	0.61177 AU
inferior conj	-80 Jul 23 j 12:40	27°♋04'18	-4°-26'-2
minimum elong	-80 Jul 23 j 16:28	26°♋56'00	4°25'29
morning rise	-80 Jul 30 j 19:48	22°♋12'18	
direct	-80 Aug 02 j 05:59	21°♋48'25	
morning max el	-80 Aug 09 j 07:54	25°♋19'04	18°01'02
asc. node	-80 Aug 09 j 20:25	25°♋50'25	
	-80 Aug 13 j 06:20	0°♌	
morning set	-80 Aug 25 j 04:41	20°♌19'59	
	-80 Aug 30 j 10:56	0°♍	
superior conj	-80 Sep 04 j 09:53	8°♍52'40	1°24'56
minimum elong	-80 Sep 04 j 14:19	9°♍12'07	1°24'30
max. Earth dist.	-80 Sep 11 j 23:14	21°♍48'18	1.42052 AU
	-80 Sep 16 j 23:44	0°♎	
evening rise	-80 Sep 18 j 01:30	1°♎42'56	
desc. node	-80 Sep 18 j 13:19	2°♎29'52	
	-80 Oct 06 j 22:02	0°♏	
greatest brilliancy	-80 Oct 16 j 01:41	12°♏07'23	-0.3m
evening max el	-80 Oct 20 j 19:09	17°♏26'34	22°19'21
retrograde	-80 Oct 30 j 08:31	23°♏07'34	
evening set	-80 Nov 03 j 19:59	21°♏20'40	
asc. node	-80 Nov 05 j 19:39	19°♏24'26	
inferior conj	-80 Nov 09 j 05:18	14°♏59'37	1°09'08
minimum elong	-80 Nov 09 j 03:46	15°♏04'56	1°08'30
min. Earth dist.	-80 Nov 09 j 04:18	15°♏03'04	0.67648 AU
morning rise	-80 Nov 14 j 11:23	8°♏45'25	
direct	-80 Nov 19 j 02:05	6°♏52'00	
morning max el	-80 Nov 28 j 13:54	12°♏29'09	22°21'19
greatest brilliancy	-80 Dec 03 j 05:03	17°♏41'08	-0.3m
	-80 Dec 12 j 11:29	0°♐	
desc. node	-80 Dec 15 j 12:35	4°♐21'48	
morning set	-80 Dec 31 j 23:07	29°♐38'01	
	-79 Jan 01 j 04:32	0°♑	
max. Earth dist.	-79 Jan 06 j 08:46	8°♑34'40	1.40741 AU
superior conj	-79 Jan 14 j 04:07	22°♑09'34	-2°00'-54
minimum elong	-79 Jan 14 j 05:23	22°♑15'18	2°00'54
	-79 Jan 18 j 11:34	0°♒	
evening rise	-79 Jan 24 j 08:45	10°♒58'52	
asc. node	-79 Feb 01 j 18:58	26°♒14'57	
	-79 Feb 04 j 03:11	0°♓	
evening max el	-79 Feb 09 j 14:00	6°♓54'54	18°18'42
retrograde	-79 Feb 16 j 18:07	10°♓28'39	
evening set	-79 Feb 19 j 05:59	10°♓03'50	
inferior conj	-79 Feb 26 j 09:47	5°♓22'58	3°26'33
minimum elong	-79 Feb 26 j 12:50	5°♓16'27	3°26'05
min. Earth dist.	-79 Mar 01 j 19:47	2°♓29'38	0.59411 AU
	-79 Mar 05 j 08:00	30°℞♒	
morning rise	-79 Mar 05 j 16:09	29°♒48'11	
direct	-79 Mar 12 j 02:02	27°♒57'17	
desc. node	-79 Mar 13 j 11:44	28°♒02'30	
	-79 Mar 19 j 02:37	0°♓	
morning max el	-79 Mar 26 j 09:20	5°♓40'52	27°10'58
	-79 Apr 13 j 10:43	0°♈	
morning set	-79 Apr 26 j 02:29	23°♈50'15	
	-79 Apr 29 j 00:18	0°♉	
asc. node	-79 Apr 30 j 18:14	3°♉47'02	
superior conj	-79 May 03 j 05:55	9°♉13'44	0°26'04
minimum elong	-79 May 03 j 04:47	9°♉07'28	0°25'49
max. Earth dist.	-79 May 02 j 20:40	8°♉22'56	1.32334 AU
evening rise	-79 May 10 j 04:32	24°♉16'26	
	-79 May 12 j 23:05	0°♊	
	-79 May 30 j 18:03	0°♋	
evening max el	-79 Jun 07 j 17:07	9°♋08'12	26°06'51
desc. node	-79 Jun 09 j 10:58	10°♋43'07	
retrograde	-79 Jun 21 j 18:06	16°♋21'04	
evening set	-79 Jun 28 j 00:49	14°♋44'46	
min. Earth dist.	-79 Jul 02 j 05:56	12°♋06'52	0.59118 AU
inferior conj	-79 Jul 05 j 13:47	9°♋36'12	-4°-44'-27
minimum elong	-79 Jul 05 j 14:34	9°♋34'41	4°44'26
morning rise	-79 Jul 13 j 07:51	5°♋06'53	
direct	-79 Jul 15 j 19:08	4°♋46'04	
morning max el	-79 Jul 23 j 16:25	8°♋32'23	18°28'46
asc. node	-79 Jul 27 j 17:28	13°♋15'19	
	-79 Aug 06 j 14:41	0°♌	
morning set	-79 Aug 08 j 18:44	4°♌08'46	
superior conj	-79 Aug 17 j 19:59	21°♌23'04	1°41'21
minimum elong	-79 Aug 17 j 22:24	21°♌34'16	1°41'12
	-79 Aug 22 j 13:44	0°♍	
max. Earth dist.	-79 Aug 25 j 04:53	4°♍37'31	1.40126 AU
evening rise	-79 Aug 29 j 14:32	12°♍06'49	
desc. node	-79 Sep 05 j 10:20	23°♍09'04	
	-79 Sep 09 j 21:03	0°♎	
	-79 Oct 02 j 10:12	0°♏	
evening max el	-79 Oct 03 j 09:17	0°♏58'57	23°39'21
retrograde	-79 Oct 14 j 01:10	7°♏16'14	
evening set	-79 Oct 19 j 02:23	5°♏11'09	
asc. node	-79 Oct 23 j 16:42	29°♎54'05	
	-79 Oct 23 j 14:57	30°℞♎	
min. Earth dist.	-79 Oct 24 j 00:53	29°♎26'16	0.67606 AU
inferior conj	-79 Oct 24 j 12:16	28°♎47'24	0°16'53
minimum elong	-79 Oct 24 j 11:52	28°♎48'47	0°16'43
morning rise	-79 Oct 29 j 21:28	22°♎37'19	
direct	-79 Nov 02 j 22:08	21°♎06'06	
morning max el	-79 Nov 11 j 07:00	25°♎58'53	21°00'24
	-79 Nov 14 j 21:19	0°♏	
greatest brilliancy	-79 Nov 16 j 20:50	2°♏28'04	-0.5m
desc. node	-79 Dec 02 j 09:38	24°♏34'10	
	-79 Dec 05 j 23:34	0°♐	
morning set	-79 Dec 11 j 05:55	8°♐08'21	
max. Earth dist.	-79 Dec 19 j 12:32	21°♐20'34	1.42661 AU
	-79 Dec 24 j 18:08	0°♑	
superior conj	-79 Dec 26 j 12:57	3°♑00'47	-1°-58'-42
minimum elong	-79 Dec 26 j 09:57	2°♑48'05	1°58'37
evening rise	-78 Jan 07 j 05:08	23°♑28'10	
	-78 Jan 10 j 20:47	0°♒	
asc. node	-78 Jan 19 j 16:01	14°♒34'59	
evening max el	-78 Jan 24 j 00:52	19°♒57'50	18°07'42
retrograde	-78 Jan 30 j 15:51	23°♒22'53	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-78 Feb 02 j 08:02	22°♒49'23	
inferior conj	-78 Feb 08 j 22:03	17°♒46'41	3°48'36
minimum elong	-78 Feb 08 j 22:50	17°♒44'45	3°48'35
min. Earth dist.	-78 Feb 11 j 23:29	14°♒47'39	0.61509 AU
morning rise	-78 Feb 15 j 11:06	11°♒55'08	
direct	-78 Feb 22 j 08:50	9°♒31'04	
desc. node	-78 Feb 28 j 08:48	11°♒07'29	
morning max el	-78 Mar 08 j 11:44	17°♒21'21	27°44'27
	-78 Mar 19 j 00:25	0°♓	
	-78 Apr 06 j 02:12	0°♈	
morning set	-78 Apr 10 j 07:38	8°♈24'21	
max. Earth dist.	-78 Apr 16 j 07:55	21°♈07'28	1.32516 AU
superior conj	-78 Apr 17 j 16:37	24°♈05'21	0°00'35
minimum elong	-78 Apr 17 j 16:35	24°♈05'11	0°00'34
behind sun begin	-78 Apr 17 j 11:30	23°♈37'28	
behind sun end	-78 Apr 17 j 21:40	24°♈32'56	
asc. node	-78 Apr 17 j 15:18	23°♈58'08	
	-78 Apr 20 j 09:34	0°♉	
evening rise	-78 Apr 24 j 15:53	9°♉11'21	
	-78 May 05 j 11:08	0°♊	
evening max el	-78 May 20 j 09:58	20°♊06'16	24°45'39
desc. node	-78 May 27 j 08:01	25°♊17'34	
retrograde	-78 Jun 03 j 09:02	27°♊10'39	
evening set	-78 Jun 08 j 10:20	26°♊12'45	
min. Earth dist.	-78 Jun 13 j 21:24	23°♊21'37	0.57184 AU
inferior conj	-78 Jun 16 j 19:19	21°♊27'14	-4°-31'-49
minimum elong	-78 Jun 16 j 15:28	21°♊33'34	4°31'25
morning rise	-78 Jun 25 j 00:26	17°♊19'18	
direct	-78 Jun 27 j 14:18	17°♊00'28	
morning max el	-78 Jul 06 j 16:48	21°♊14'53	19°17'23
	-78 Jul 13 j 15:47	0°♋	
asc. node	-78 Jul 14 j 14:31	1°♋30'16	
morning set	-78 Jul 23 j 17:52	18°♋25'03	
	-78 Jul 29 j 13:14	0°♌	
superior conj	-78 Jul 31 j 23:32	4°♌46'11	1°47'06
minimum elong	-78 Jul 31 j 23:51	4°♌47'45	1°47'06
max. Earth dist.	-78 Aug 07 j 08:13	16°♌47'52	1.38111 AU
evening rise	-78 Aug 11 j 04:18	23°♌40'40	
	-78 Aug 14 j 20:27	0°♍	
desc. node	-78 Aug 23 j 07:21	13°♍37'54	
	-78 Sep 03 j 15:15	0°♎	
evening max el	-78 Sep 15 j 21:07	14°♎34'20	24°57'18
retrograde	-78 Sep 27 j 13:46	21°♎21'44	
evening set	-78 Oct 03 j 05:46	18°♎59'08	
min. Earth dist.	-78 Oct 07 j 19:32	13°♎49'06	0.67241 AU
inferior conj	-78 Oct 08 j 17:33	12°♎36'34	0°-38'-4
minimum elong	-78 Oct 08 j 18:30	12°♎33'27	0°37'40
asc. node	-78 Oct 10 j 13:44	10°♎14'40	
morning rise	-78 Oct 14 j 07:44	6°♎33'25	
direct	-78 Oct 17 j 20:05	5°♎22'10	
morning max el	-78 Oct 25 j 07:51	9°♎39'13	19°51'13
greatest brilliancy	-78 Nov 01 j 23:37	19°♎08'11	-0.6m
	-78 Nov 09 j 10:27	0°♏	
desc. node	-78 Nov 19 j 06:40	15°♏01'15	
morning set	-78 Nov 20 j 02:30	16°♏17'48	
	-78 Nov 28 j 21:16	0°♐	
max. Earth dist.	-78 Dec 02 j 00:00	4°♐56'05	1.44108 AU
superior conj	-78 Dec 06 j 18:56	12°♐37'30	-1°-39'-25
minimum elong	-78 Dec 06 j 11:27	12°♐07'13	1°38'49
	-78 Dec 17 j 06:49	0°♑	
evening rise	-78 Dec 20 j 07:04	5°♑06'32	
	-77 Jan 04 j 18:34	0°♒	
asc. node	-77 Jan 06 j 13:03	2°♒08'57	
evening max el	-77 Jan 07 j 13:21	3°♒13'55	18°15'54
retrograde	-77 Jan 14 j 01:05	6°♒43'26	
evening set	-77 Jan 16 j 21:37	6°♒00'27	
inferior conj	-77 Jan 23 j 01:11	0°♒37'23	3°47'40
minimum elong	-77 Jan 23 j 00:03	0°♒40'32	3°47'36
	-77 Jan 23 j 14:40	30°℞♑	
min. Earth dist.	-77 Jan 25 j 12:32	27°♑54'08	0.63427 AU
morning rise	-77 Jan 29 j 00:45	24°♑35'03	
direct	-77 Feb 05 j 00:01	21°♑50'05	
desc. node	-77 Feb 15 j 05:52	26°♑27'46	
morning max el	-77 Feb 18 j 19:12	29°♑41'39	27°40'57
	-77 Feb 19 j 02:31	0°♒	
	-77 Mar 12 j 22:46	0°♓	
morning set	-77 Mar 25 j 06:19	22°♓35'52	
	-77 Mar 28 j 21:25	0°♈	
max. Earth dist.	-77 Mar 30 j 13:34	3°♈30'31	1.33084 AU
superior conj	-77 Apr 02 j 00:29	8°♈44'30	0°-26'-4
minimum elong	-77 Apr 02 j 01:44	8°♈51'12	0°25'49
asc. node	-77 Apr 04 j 12:21	14°♈07'08	
evening rise	-77 Apr 09 j 03:39	24°♈03'23	
	-77 Apr 12 j 00:33	0°♉	
	-77 May 01 j 07:39	0°♊	
evening max el	-77 May 02 j 00:32	0°♊41'40	23°11'25
desc. node	-77 May 14 j 05:03	7°♊20'42	
retrograde	-77 May 15 j 11:50	7°♊24'26	
evening set	-77 May 19 j 02:26	6°♊55'52	
min. Earth dist.	-77 May 26 j 10:14	3°♊37'40	0.55707 AU
inferior conj	-77 May 28 j 05:13	2°♊34'45	-3°-36'-24
minimum elong	-77 May 27 j 22:05	2°♊45'14	3°34'42
	-77 Jun 02 j 00:02	30°℞♉	
morning rise	-77 Jun 05 j 20:58	28°♉40'21	
direct	-77 Jun 08 j 14:24	28°♉22'27	
	-77 Jun 14 j 17:57	0°♊	
morning max el	-77 Jun 19 j 06:53	3°♊19'09	20°26'45
asc. node	-77 Jul 01 j 11:35	20°♊23'51	
	-77 Jul 06 j 11:24	0°♋	
morning set	-77 Jul 07 j 23:15	3°♋01'37	
superior conj	-77 Jul 15 j 15:36	18°♋48'20	1°44'23
minimum elong	-77 Jul 15 j 14:21	18°♋41'57	1°44'20
max. Earth dist.	-77 Jul 20 j 14:26	28°♋37'51	1.36254 AU
	-77 Jul 21 j 07:28	0°♌	
evening rise	-77 Jul 24 j 15:46	6°♌18'00	
	-77 Aug 07 j 15:40	0°♍	
desc. node	-77 Aug 10 j 04:23	3°♍50'56	
evening max el	-77 Aug 29 j 08:34	28°♍10'57	26°05'39
	-77 Aug 31 j 07:39	0°♎	
retrograde	-77 Sep 10 j 21:46	5°♎18'56	
evening set	-77 Sep 17 j 04:13	2°♎42'08	
	-77 Sep 19 j 20:45	30°℞♍	
min. Earth dist.	-77 Sep 21 j 09:59	28°♍08'48	0.66539 AU
inferior conj	-77 Sep 22 j 19:21	26°♍24'44	-1°-34'-11
minimum elong	-77 Sep 22 j 21:45	26°♍17'17	1°33'14
asc. node	-77 Sep 27 j 10:47	21°♍22'38	
morning rise	-77 Sep 28 j 16:12	20°♍31'22	
direct	-77 Oct 01 j 18:22	19°♍36'39	
morning max el	-77 Oct 08 j 15:48	23°♍28'01	18°56'40
	-77 Oct 14 j 00:30	0°♎	
morning set	-77 Oct 30 j 13:24	25°♎16'18	
	-77 Nov 02 j 13:31	0°♏	
desc. node	-77 Nov 06 j 03:42	5°♏38'31	
max. Earth dist.	-77 Nov 14 j 16:26	19°♏02'30	1.44904 AU
superior conj	-77 Nov 16 j 02:02	21°♏14'51	-1°-2'-8
minimum elong	-77 Nov 15 j 18:36	20°♏45'33	1°01'17
	-77 Nov 21 j 14:45	0°♐	
evening rise	-77 Dec 01 j 10:35	15°♐47'31	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-77 Dec 10 j 05:02	0°♑	
evening max el	-77 Dec 22 j 00:51	16°♑37'34	18°42'25
asc. node	-77 Dec 24 j 10:04	18°♑43'55	
retrograde	-77 Dec 28 j 17:33	20°♑22'27	
evening set	-77 Dec 31 j 19:22	19°♑28'45	
inferior conj	-76 Jan 06 j 15:21	13°♑47'39	3°30'11
minimum elong	-76 Jan 06 j 13:02	13°♑54'42	3°29'47
min. Earth dist.	-76 Jan 08 j 11:25	11°♑34'29	0.65025 AU
morning rise	-76 Jan 12 j 05:32	7°♑38'28	
direct	-76 Jan 18 j 22:23	4°♑47'15	
morning max el	-76 Feb 01 j 04:49	12°♑31'07	27°03'28
desc. node	-76 Feb 02 j 02:55	13°♑27'32	
	-76 Feb 15 j 06:20	0°♒	
	-76 Mar 04 j 12:13	0°♓	
morning set	-76 Mar 07 j 19:22	6°♓14'03	
max. Earth dist.	-76 Mar 12 j 09:34	15°♓19'47	1.34090 AU
superior conj	-76 Mar 16 j 03:28	23°♓03'51	0°-52'-51
minimum elong	-76 Mar 16 j 05:59	23°♓17'05	0°52'23
	-76 Mar 19 j 10:21	0°♈	
asc. node	-76 Mar 21 j 09:23	4°♈09'04	
evening rise	-76 Mar 23 j 13:58	8°♈45'19	
	-76 Apr 03 j 22:06	0°♉	
evening max el	-76 Apr 12 j 19:57	11°♉23'44	21°38'41
retrograde	-76 Apr 25 j 03:53	17°♉24'33	
evening set	-76 Apr 27 j 16:18	17°♉10'15	
desc. node	-76 Apr 30 j 02:05	16°♉31'46	
inferior conj	-76 May 07 j 01:31	13°♉08'21	-1°-57'-52
minimum elong	-76 May 06 j 20:08	13°♉15'53	1°56'04
min. Earth dist.	-76 May 06 j 23:07	13°♉11'43	0.55011 AU
morning rise	-76 May 16 j 00:45	9°♉11'01	
direct	-76 May 19 j 01:58	8°♉50'34	
morning max el	-76 May 31 j 09:52	14°♉39'50	21°54'35
	-76 Jun 12 j 00:31	0°♊	
asc. node	-76 Jun 17 j 08:38	9°♊45'37	
morning set	-76 Jun 21 j 08:37	17°♊51'01	
	-76 Jun 27 j 02:55	0°♋	
superior conj	-76 Jun 28 j 16:20	3°♋16'54	1°35'01
minimum elong	-76 Jun 28 j 14:09	3°♋05'27	1°34'50
max. Earth dist.	-76 Jul 02 j 04:41	10°♋33'10	1.34715 AU
evening rise	-76 Jul 06 j 19:57	19°♋45'04	
	-76 Jul 12 j 08:16	0°♌	
desc. node	-76 Jul 27 j 01:23	23°♌40'32	
	-76 Jul 31 j 16:02	0°♍	
evening max el	-76 Aug 10 j 20:26	11°♍42'44	26°56'46
retrograde	-76 Aug 24 j 00:36	19°♍00'40	
evening set	-76 Aug 30 j 19:28	16°♍16'20	
min. Earth dist.	-76 Sep 03 j 17:54	12°♍20'29	0.65482 AU
inferior conj	-76 Sep 05 j 15:37	10°♍08'12	-2°-29'-34
minimum elong	-76 Sep 05 j 19:21	9°♍57'23	2°28'15
morning rise	-76 Sep 11 j 20:39	4°♍27'40	
asc. node	-76 Sep 13 j 07:49	3°♍54'59	
direct	-76 Sep 14 j 15:05	3°♍45'38	
morning max el	-76 Sep 21 j 04:50	7°♍20'31	18°18'18
	-76 Oct 06 j 17:23	0°♎	
morning set	-76 Oct 10 j 04:04	5°♎38'11	
desc. node	-76 Oct 23 j 00:43	26°♎22'11	
superior conj	-76 Oct 25 j 03:10	29°♎41'56	0°-13'-47
minimum elong	-76 Oct 25 j 01:22	29°♎34'49	0°13'33
behind sun begin	-76 Oct 24 j 19:09	29°♎10'15	
behind sun end	-76 Oct 25 j 07:35	29°♎59'22	
	-76 Oct 25 j 07:45	0°♏	
max. Earth dist.	-76 Oct 27 j 10:56	3°♏21'46	1.44971 AU
evening rise	-76 Nov 10 j 14:28	25°♏30'51	
	-76 Nov 13 j 11:20	0°♐	
greatest brilliancy	-76 Nov 25 j 12:34	18°♐31'44	-0.7m
	-76 Dec 04 j 07:09	0°♑	
evening max el	-76 Dec 04 j 09:12	0°♑05'18	19°25'57
asc. node	-76 Dec 10 j 07:06	4°♑05'18	
retrograde	-76 Dec 11 j 13:54	4°♑14'30	
evening set	-76 Dec 14 j 22:36	3°♑08'24	
	-76 Dec 18 j 07:26	30°℞♐	
inferior conj	-76 Dec 20 j 13:20	27°♐12'00	3°00'44
minimum elong	-76 Dec 20 j 10:32	27°♐21'02	3°00'00
min. Earth dist.	-76 Dec 21 j 18:55	25°♐36'14	0.66240 AU
morning rise	-76 Dec 25 j 21:41	20°♐58'41	
direct	-75 Jan 01 j 02:57	18°♐14'30	
morning max el	-75 Jan 13 j 14:08	25°♐37'21	25°59'34
	-75 Jan 17 j 14:44	0°♑	
desc. node	-75 Jan 18 j 23:56	1°♑38'12	
	-75 Feb 07 j 18:43	0°♒	
morning set	-75 Feb 18 j 18:43	19°♒06'55	
max. Earth dist.	-75 Feb 22 j 17:38	26°♒35'24	1.35559 AU
	-75 Feb 24 j 11:38	0°♓	
superior conj	-75 Feb 27 j 23:10	6°♓56'51	-1°-18'-17
minimum elong	-75 Feb 28 j 02:42	7°♓14'45	1°17'45
evening rise	-75 Mar 07 j 20:57	23°♓11'29	
asc. node	-75 Mar 08 j 06:25	23°♓59'50	
	-75 Mar 11 j 06:16	0°♈	
evening max el	-75 Mar 26 j 01:37	22°♈36'47	20°18'22
retrograde	-75 Apr 05 j 17:29	27°♈44'02	
evening set	-75 Apr 07 j 20:29	27°♈32'42	
inferior conj	-75 Apr 16 j 21:18	23°♈34'48	0°01'18
minimum elong	-75 Apr 16 j 21:21	23°♈34'43	0°01'16
transit middle	-75 Apr 16 j 21:21	23°♈34'43	0°01'16
transit begin	-75 Apr 16 j 17:20	23°♈40'38	
transit end	-75 Apr 17 j 01:22	23°♈28'47	
desc. node	-75 Apr 16 j 23:06	23°♈32'08	
min. Earth dist.	-75 Apr 18 j 12:48	22°♈36'42	0.55276 AU
morning rise	-75 Apr 25 j 19:55	19°♈16'00	
direct	-75 Apr 29 j 14:38	18°♈44'53	
morning max el	-75 May 13 j 03:54	25°♈23'48	23°34'04
	-75 May 17 j 11:00	0°♉	
asc. node	-75 Jun 04 j 05:41	29°♉28'03	
	-75 Jun 04 j 11:53	0°♊	
morning set	-75 Jun 05 j 20:06	2°♊47'43	
superior conj	-75 Jun 12 j 22:50	18°♊02'48	1°20'28
minimum elong	-75 Jun 12 j 20:20	17°♊49'23	1°20'07
max. Earth dist.	-75 Jun 15 j 04:40	22°♊50'10	1.33560 AU
	-75 Jun 18 j 15:08	0°♋	
evening rise	-75 Jun 20 j 12:23	3°♋48'54	
	-75 Jul 05 j 02:28	0°♌	
desc. node	-75 Jul 13 j 22:24	12°♌56'41	
evening max el	-75 Jul 24 j 07:49	24°♌59'04	27°23'17
	-75 Jul 30 j 16:34	0°♍	
retrograde	-75 Aug 06 j 21:32	2°♍18'38	
	-75 Aug 13 j 11:55	30°℞♌	
evening set	-75 Aug 14 j 00:39	29°♌36'47	
min. Earth dist.	-75 Aug 17 j 17:07	26°♌16'21	0.64065 AU
inferior conj	-75 Aug 20 j 03:54	23°♌41'48	-3°-21'-35
minimum elong	-75 Aug 20 j 08:33	23°♌29'34	3°20'14
morning rise	-75 Aug 26 j 18:24	18°♌17'27	
direct	-75 Aug 29 j 07:41	17°♌44'34	
asc. node	-75 Aug 31 j 04:53	18°♌02'40	
morning max el	-75 Sep 04 j 20:20	21°♌11'03	17°57'10
	-75 Sep 11 j 13:13	0°♍	
morning set	-75 Sep 21 j 21:58	17°♍19'03	
	-75 Sep 29 j 09:30	0°♎	
superior conj	-75 Oct 04 j 19:46	8°♎57'21	0°33'16

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-75 Oct 04 j 23:20	9°♎11'52	0°32'47
desc. node	-75 Oct 09 j 21:43	17°♎08'37	
max. Earth dist.	-75 Oct 10 j 04:42	17°♎36'26	1.44319 AU
	-75 Oct 18 j 02:01	0°♏	
evening rise	-75 Oct 21 j 00:47	4°♏33'30	
	-75 Nov 06 j 23:17	0°♐	
greatest brilliancy	-75 Nov 11 j 06:17	5°♐59'00	-0.5m
evening max el	-75 Nov 17 j 12:37	13°♐33'46	20°24'29
retrograde	-75 Nov 25 j 11:30	18°♐14'52	
asc. node	-75 Nov 27 j 04:09	17°♐58'32	
evening set	-75 Nov 29 j 05:04	16°♐54'15	
inferior conj	-75 Dec 04 j 16:26	10°♐45'31	2°22'24
minimum elong	-75 Dec 04 j 13:47	10°♐54'30	2°21'31
min. Earth dist.	-75 Dec 05 j 09:03	9°♐49'20	0.67070 AU
morning rise	-75 Dec 09 j 21:58	4°♐30'19	
direct	-75 Dec 15 j 12:44	2°♐02'33	
morning max el	-75 Dec 26 j 22:28	8°♐50'24	24°38'47
desc. node	-74 Jan 05 j 20:58	20°♐38'25	
	-74 Jan 12 j 14:41	0°♑	
	-74 Jan 31 j 09:33	0°♒	
morning set	-74 Jan 31 j 22:50	0°♒58'16	
max. Earth dist.	-74 Feb 04 j 15:52	7°♒37'25	1.37434 AU
superior conj	-74 Feb 11 j 08:22	20°♒14'03	-1°-40'-19
minimum elong	-74 Feb 11 j 12:12	20°♒32'41	1°39'55
	-74 Feb 16 j 07:11	0°♓	
evening rise	-74 Feb 19 j 22:16	7°♓14'52	
asc. node	-74 Feb 23 j 03:28	13°♓34'08	
	-74 Mar 04 j 21:34	0°♈	
evening max el	-74 Mar 08 j 18:28	4°♈27'57	19°16'06
retrograde	-74 Mar 17 j 18:10	8°♈47'13	
evening set	-74 Mar 19 j 22:43	8°♈32'57	
inferior conj	-74 Mar 28 j 06:18	4°♈23'22	1°47'21
minimum elong	-74 Mar 28 j 10:12	4°♈16'52	1°46'08
min. Earth dist.	-74 Mar 31 j 03:40	2°♈28'10	0.56435 AU
desc. node	-74 Apr 03 j 20:08	0°♈21'06	
	-74 Apr 04 j 14:23	30°♓	
morning rise	-74 Apr 05 j 17:44	29°♓32'29	
direct	-74 Apr 10 j 14:06	28°♓38'23	
	-74 Apr 16 j 13:06	0°♈	
morning max el	-74 Apr 24 j 18:25	5°♈52'57	25°13'04
	-74 May 12 j 05:25	0°♉	
morning set	-74 May 21 j 08:04	17°♉46'27	
asc. node	-74 May 22 j 02:44	19°♉25'11	
	-74 May 27 j 00:06	0°♊	
superior conj	-74 May 28 j 08:51	2°♊58'48	1°01'47
minimum elong	-74 May 28 j 06:33	2°♊46'18	1°01'23
max. Earth dist.	-74 May 29 j 12:27	5°♊29'06	1.32789 AU
evening rise	-74 Jun 04 j 13:26	18°♊18'25	
	-74 Jun 10 j 12:05	0°♋	
	-74 Jun 29 j 15:30	0°♌	
desc. node	-74 Jun 30 j 19:25	1°♌25'28	
evening max el	-74 Jul 06 j 16:23	7°♌46'32	27°19'21
retrograde	-74 Jul 20 j 11:55	15°♌04'10	
evening set	-74 Jul 27 j 16:06	12°♌37'26	
min. Earth dist.	-74 Jul 31 j 06:05	9°♌45'22	0.62308 AU
inferior conj	-74 Aug 03 j 05:18	6°♌58'47	-4°-6'-9
minimum elong	-74 Aug 03 j 09:52	6°♌48'03	4°05'13
morning rise	-74 Aug 10 j 06:11	1°♌54'10	
direct	-74 Aug 12 j 16:56	1°♌27'31	
asc. node	-74 Aug 18 j 01:57	3°♌38'50	
morning max el	-74 Aug 19 j 11:33	4°♌53'46	17°54'13
morning set	-74 Sep 04 j 13:24	0°♍01'59	
	-74 Sep 04 j 12:57	0°♍	
superior conj	-74 Sep 15 j 15:11	19°♍32'56	1°09'49
minimum elong	-74 Sep 15 j 20:11	19°♍54'15	1°09'14
	-74 Sep 21 j 21:06	0°♎	
max. Earth dist.	-74 Sep 22 j 19:03	1°♎29'45	1.43026 AU
desc. node	-74 Sep 26 j 18:45	7°♎55'11	
evening rise	-74 Sep 30 j 09:07	13°♎35'43	
	-74 Oct 11 j 03:53	0°♏	
greatest brilliancy	-74 Oct 26 j 11:38	21°♏22'26	-0.4m
evening max el	-74 Oct 31 j 10:15	27°♏02'41	21°34'53
	-74 Nov 03 j 17:05	0°♐	
retrograde	-74 Nov 09 j 08:25	2°♐21'00	
evening set	-74 Nov 13 j 12:53	0°♐43'58	
asc. node	-74 Nov 14 j 01:11	0°♐18'27	
	-74 Nov 14 j 09:21	30°♑	
inferior conj	-74 Nov 18 j 22:31	24°♏26'14	1°37'24
minimum elong	-74 Nov 18 j 20:28	24°♏33'20	1°36'37
min. Earth dist.	-74 Nov 19 j 03:35	24°♏08'43	0.67540 AU
morning rise	-74 Nov 24 j 03:47	18°♏11'08	
direct	-74 Nov 29 j 03:07	16°♏04'54	
morning max el	-74 Dec 09 j 07:46	22°♏08'26	23°11'09
greatest brilliancy	-74 Dec 14 j 08:05	27°♏45'36	-0.3m
	-74 Dec 16 j 03:26	0°♐	
desc. node	-74 Dec 23 j 18:00	10°♐14'04	
	-73 Jan 05 j 22:52	0°♑	
morning set	-73 Jan 13 j 01:28	11°♑32'10	
max. Earth dist.	-73 Jan 17 j 11:16	19°♑02'11	1.39539 AU
	-73 Jan 23 j 15:06	0°♒	
superior conj	-73 Jan 25 j 02:54	2°♒44'29	-1°-56'-6
minimum elong	-73 Jan 25 j 05:41	2°♒57'21	1°55'59
evening rise	-73 Feb 03 j 15:11	20°♒48'19	
	-73 Feb 08 j 11:52	0°♓	
asc. node	-73 Feb 10 j 00:31	2°♓45'55	
evening max el	-73 Feb 19 j 20:39	16°♓53'33	18°33'48
retrograde	-73 Feb 27 j 13:28	20°♓39'36	
evening set	-73 Mar 01 j 22:34	20°♓19'14	
inferior conj	-73 Mar 09 j 11:47	15°♓50'19	3°00'25
minimum elong	-73 Mar 09 j 15:50	15°♓42'23	2°59'33
min. Earth dist.	-73 Mar 12 j 21:33	13°♓11'50	0.58225 AU
morning rise	-73 Mar 17 j 05:08	10°♓28'49	
desc. node	-73 Mar 21 j 17:12	9°♓05'13	
direct	-73 Mar 23 j 03:06	9°♓00'08	
morning max el	-73 Apr 06 j 11:35	16°♓36'17	26°36'05
	-73 Apr 17 j 10:59	0°♈	
	-73 May 04 j 11:51	0°♉	
morning set	-73 May 05 j 18:49	2°♉40'52	
asc. node	-73 May 08 j 23:47	9°♉31'21	
superior conj	-73 May 12 j 20:27	17°♉57'53	0°39'52
minimum elong	-73 May 12 j 18:47	17°♉48'46	0°39'31
max. Earth dist.	-73 May 13 j 00:31	18°♉20'14	1.32391 AU
	-73 May 18 j 09:24	0°♊	
evening rise	-73 May 19 j 20:13	3°♊03'43	
	-73 Jun 03 j 09:23	0°♋	
desc. node	-73 Jun 17 j 16:28	18°♋46'16	
evening max el	-73 Jun 18 j 19:21	19°♋52'07	26°42'19
retrograde	-73 Jul 02 j 18:49	27°♋07'33	
evening set	-73 Jul 09 j 13:17	25°♋09'24	
min. Earth dist.	-73 Jul 13 j 08:48	22°♋31'50	0.60303 AU
inferior conj	-73 Jul 16 j 16:16	19°♋49'16	-4°-36'-49
minimum elong	-73 Jul 16 j 19:03	19°♋43'31	4°36'34
morning rise	-73 Jul 24 j 04:04	15°♋07'07	
direct	-73 Jul 26 j 14:34	14°♋44'40	
morning max el	-73 Aug 02 j 23:25	18°♋20'12	18°10'27
asc. node	-73 Aug 04 j 23:00	20°♋28'07	
	-73 Aug 11 j 10:24	0°♌	
morning set	-73 Aug 18 j 20:29	13°♌29'39	
	-73 Aug 27 j 17:43	0°♍	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-73 Aug 28 j 12:38	1°♍25'27	1°33'20
minimum elong	-73 Aug 28 j 16:17	1°♍41'52	1°33'02
max. Earth dist.	-73 Sep 05 j 03:35	14°♍43'39	1.41258 AU
evening rise	-73 Sep 10 j 08:31	23°♍20'38	
desc. node	-73 Sep 13 j 15:47	28°♍37'55	
	-73 Sep 14 j 12:37	0°♎	
	-73 Oct 05 j 04:25	0°♏	
greatest brilliancy	-73 Oct 08 j 23:20	4°♏47'21	-0.3m
evening max el	-73 Oct 14 j 02:29	10°♏32'28	22°53'04
retrograde	-73 Oct 24 j 03:07	16°♏29'42	
evening set	-73 Oct 28 j 20:18	14°♏34'53	
asc. node	-73 Oct 31 j 22:14	11°♏18'04	
inferior conj	-73 Nov 03 j 05:41	8°♏11'57	0°47'24
minimum elong	-73 Nov 03 j 04:35	8°♏15'43	0°46'57
min. Earth dist.	-73 Nov 03 j 00:09	8°♏31'03	0.67671 AU
morning rise	-73 Nov 08 j 12:52	1°♏59'16	
direct	-73 Nov 12 j 21:19	0°♏15'43	
morning max el	-73 Nov 21 j 21:17	5°♏33'25	21°45'44
greatest brilliancy	-73 Nov 26 j 18:20	11°♏05'32	-0.4m
	-73 Dec 10 j 10:56	0°♐	
desc. node	-73 Dec 10 j 15:03	0°♐15'11	
morning set	-73 Dec 23 j 23:00	20°♐42'45	
	-73 Dec 29 j 16:24	0°♑	
max. Earth dist.	-73 Dec 30 j 10:37	1°♑15'27	1.41600 AU
superior conj	-72 Jan 07 j 01:37	14°♑15'38	-2°-1'-49
minimum elong	-72 Jan 07 j 01:19	14°♑14'16	2°01'50
	-72 Jan 15 j 19:36	0°♒	
evening rise	-72 Jan 17 j 20:17	3°♒43'57	
asc. node	-72 Jan 27 j 21:34	21°♒27'49	
evening max el	-72 Feb 03 j 05:15	29°♒45'49	18°11'35
	-72 Feb 03 j 11:08	0°♓	
retrograde	-72 Feb 10 j 02:42	3°♓14'27	
evening set	-72 Feb 12 j 16:17	2°♓46'13	
	-72 Feb 17 j 04:51	30°℞♒	
inferior conj	-72 Feb 19 j 13:48	27°♒56'01	3°39'12
minimum elong	-72 Feb 19 j 15:54	27°♒51'13	3°38'59
min. Earth dist.	-72 Feb 22 j 21:12	24°♒57'03	0.60305 AU
morning rise	-72 Feb 26 j 12:21	22°♒12'47	
direct	-72 Mar 04 j 04:25	20°♒06'38	
desc. node	-72 Mar 07 j 14:14	20°♒37'42	
morning max el	-72 Mar 18 j 10:40	27°♒54'37	27°29'46
	-72 Mar 20 j 11:20	0°♓	
	-72 Apr 10 j 02:39	0°♈	
morning set	-72 Apr 19 j 02:37	17°♈24'52	
asc. node	-72 Apr 24 j 20:51	29°♈42'14	
	-72 Apr 25 j 00:07	0°♉	
max. Earth dist.	-72 Apr 25 j 13:04	1°♉10'48	1.32360 AU
superior conj	-72 Apr 26 j 07:59	2°♉54'21	0°15'27
minimum elong	-72 Apr 26 j 07:17	2°♉50'32	0°15'18
behind sun begin	-72 Apr 26 j 06:01	2°♉43'35	
behind sun end	-72 Apr 26 j 08:33	2°♉57'30	
evening rise	-72 May 03 j 06:28	17°♉57'16	
	-72 May 09 j 05:40	0°♊	
	-72 May 29 j 10:11	0°♋	
evening max el	-72 May 30 j 15:25	1°♋12'17	25°34'49
desc. node	-72 Jun 03 j 13:29	4°♋31'15	
retrograde	-72 Jun 13 j 16:37	8°♋23'28	
evening set	-72 Jun 19 j 12:06	7°♋03'36	
min. Earth dist.	-72 Jun 24 j 03:35	4°♋21'59	0.58257 AU
inferior conj	-72 Jun 27 j 09:16	2°♋04'06	-4°-43'-41
minimum elong	-72 Jun 27 j 08:11	2°♋06'02	4°43'40
	-72 Jun 30 j 10:19	30°℞♊	
morning rise	-72 Jul 05 j 08:05	27°♊44'40	
direct	-72 Jul 07 j 20:11	27°♊24'57	
	-72 Jul 14 j 14:42	0°♋	
morning max el	-72 Jul 16 j 04:52	1°♋21'34	18°46'55
asc. node	-72 Jul 21 j 20:03	8°♋15'35	
morning set	-72 Aug 01 j 14:43	27°♋30'19	
	-72 Aug 02 j 21:19	0°♌	
superior conj	-72 Aug 10 j 06:47	14°♌19'42	1°44'57
minimum elong	-72 Aug 10 j 08:16	14°♌26'44	1°44'54
max. Earth dist.	-72 Aug 17 j 07:03	27°♌11'56	1.39259 AU
	-72 Aug 18 j 21:15	0°♍	
evening rise	-72 Aug 21 j 08:05	4°♍13'40	
desc. node	-72 Aug 30 j 12:49	19°♍12'55	
	-72 Sep 06 j 16:32	0°♎	
evening max el	-72 Sep 25 j 15:11	24°♎05'14	24°13'13
	-72 Oct 03 j 16:55	0°♏	
retrograde	-72 Oct 06 j 18:19	0°♏37'11	
	-72 Oct 09 j 14:46	30°℞♎	
evening set	-72 Oct 12 j 01:39	28°♎24'29	
min. Earth dist.	-72 Oct 16 j 20:18	22°♎53'58	0.67483 AU
inferior conj	-72 Oct 17 j 12:09	22°♎00'29	0°-6'-9
minimum elong	-72 Oct 17 j 12:18	21°♎59'59	0°06'06
transit middle	-72 Oct 17 j 12:18	21°♎59'59	0°06'06
transit begin	-72 Oct 17 j 09:46	22°♎08'31	
transit end	-72 Oct 17 j 14:50	21°♎51'26	
asc. node	-72 Oct 17 j 19:17	21°♎36'26	
morning rise	-72 Oct 22 j 23:13	15°♎52'48	
direct	-72 Oct 26 j 18:19	14°♎30'33	
morning max el	-72 Nov 03 j 17:36	19°♎07'27	20°29'17
greatest brilliancy	-72 Nov 10 j 01:22	26°♎39'23	-0.5m
	-72 Nov 12 j 12:31	0°♏	
desc. node	-72 Nov 26 j 12:05	20°♏34'13	
morning set	-72 Dec 01 j 22:30	28°♏55'20	
	-72 Dec 02 j 15:10	0°♐	
max. Earth dist.	-72 Dec 11 j 17:13	14°♐21'54	1.43342 AU
superior conj	-72 Dec 17 j 23:16	24°♐35'26	-1°-52'-49
minimum elong	-72 Dec 17 j 18:10	24°♐14'14	1°52'32
	-72 Dec 21 j 04:45	0°♑	
evening rise	-72 Dec 30 j 09:23	15°♑52'33	
	-71 Jan 07 j 12:56	0°♒	
asc. node	-71 Jan 13 j 18:36	9°♒29'52	
evening max el	-71 Jan 16 j 17:11	12°♒55'27	18°08'54
retrograde	-71 Jan 23 j 05:45	16°♒20'51	
evening set	-71 Jan 25 j 23:40	15°♒43'32	
inferior conj	-71 Feb 01 j 08:53	10°♒32'16	3°50'34
minimum elong	-71 Feb 01 j 08:47	10°♒32'33	3°50'34
min. Earth dist.	-71 Feb 04 j 04:53	7°♒37'21	0.62360 AU
morning rise	-71 Feb 07 j 15:42	4°♒35'31	
direct	-71 Feb 14 j 15:21	2°♒00'23	
desc. node	-71 Feb 22 j 11:17	4°♒44'32	
morning max el	-71 Feb 28 j 15:24	9°♒52'38	27°47'17
	-71 Mar 16 j 07:53	0°♓	
	-71 Apr 02 j 07:26	0°♈	
morning set	-71 Apr 03 j 05:18	1°♈50'11	
max. Earth dist.	-71 Apr 08 j 22:11	13°♈46'29	1.32706 AU
superior conj	-71 Apr 10 j 17:41	17°♈41'22	0°-10'-39
minimum elong	-71 Apr 10 j 18:11	17°♈44'05	0°10'33
behind sun begin	-71 Apr 10 j 14:18	17°♈23'00	
behind sun end	-71 Apr 10 j 22:05	18°♈05'10	
asc. node	-71 Apr 11 j 17:54	19°♈52'50	
	-71 Apr 16 j 10:00	0°♉	
evening rise	-71 Apr 17 j 18:11	2°♉51'22	
	-71 May 02 j 13:44	0°♊	
evening max el	-71 May 12 j 06:35	11°♊57'20	24°06'18
desc. node	-71 May 21 j 10:30	18°♊04'57	
retrograde	-71 May 26 j 02:42	18°♊54'43	
evening set	-71 May 30 j 12:47	18°♊11'21	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	-71 Jun 05 j 17:48	15°♊09'52	0.56476 AU
inferior conj	-71 Jun 08 j 06:08	13°♊36'09	-4°-14'-2
minimum elong	-71 Jun 08 j 00:28	13°♊45'01	4°13'05
morning rise	-71 Jun 16 j 15:51	9°♊35'05	
direct	-71 Jun 19 j 06:55	9°♊16'54	
morning max el	-71 Jun 29 j 01:03	13°♊48'17	19°44'24
asc. node	-71 Jul 08 j 17:07	26°♊48'01	
	-71 Jul 10 j 12:40	0°♋	
morning set	-71 Jul 16 j 16:47	11°♋55'34	
superior conj	-71 Jul 24 j 16:08	28°♋00'23	1°46'51
minimum elong	-71 Jul 24 j 15:42	27°♋58'15	1°46'52
	-71 Jul 25 j 16:22	0°♌	
max. Earth dist.	-71 Jul 30 j 10:37	9°♌09'06	1.37288 AU
evening rise	-71 Aug 03 j 07:39	16°♌15'53	
	-71 Aug 11 j 08:02	0°♍	
desc. node	-71 Aug 17 j 09:50	9°♍35'33	
	-71 Sep 01 j 04:12	0°♎	
evening max el	-71 Sep 08 j 02:48	7°♎42'03	25°28'10
retrograde	-71 Sep 20 j 05:02	14°♎39'30	
evening set	-71 Sep 26 j 03:09	12°♎10'36	
min. Earth dist.	-71 Sep 30 j 13:33	7°♎15'43	0.66976 AU
inferior conj	-71 Oct 01 j 16:11	5°♎49'44	-1°-1'-48
minimum elong	-71 Oct 01 j 17:44	5°♎44'43	1°01'10
asc. node	-71 Oct 04 j 16:18	2°♎10'58	
morning rise	-71 Oct 07 j 08:57	29°♍50'05	
	-71 Oct 07 j 02:59	30°℞♍	
direct	-71 Oct 10 j 16:43	28°♍46'11	
	-71 Oct 14 j 11:06	0°♎	
morning max el	-71 Oct 17 j 21:32	2°♎51'18	19°26'07
greatest brilliancy	-71 Oct 27 j 02:15	14°♎40'53	-0.7m
	-71 Nov 06 j 05:19	0°♏	
morning set	-71 Nov 10 j 22:30	7°♏18'15	
desc. node	-71 Nov 13 j 09:07	11°♏06'06	
max. Earth dist.	-71 Nov 24 j 07:06	28°♏12'45	1.44533 AU
	-71 Nov 25 j 10:10	0°♐	
superior conj	-71 Nov 27 j 18:27	3°♐43'54	-1°-25'-38
minimum elong	-71 Nov 27 j 10:10	3°♐10'53	1°24'50
evening rise	-71 Dec 12 j 02:12	27°♐07'04	
	-71 Dec 13 j 19:39	0°♑	
evening max el	-71 Dec 31 j 05:40	26°♑16'00	18°24'59
asc. node	-71 Dec 31 j 15:37	26°♑40'43	
retrograde	-70 Jan 06 j 18:24	29°♑50'22	
evening set	-70 Jan 09 j 17:07	29°♑02'54	
inferior conj	-70 Jan 15 j 17:10	23°♑31'59	3°41'55
minimum elong	-70 Jan 15 j 15:25	23°♑37'00	3°41'43
min. Earth dist.	-70 Jan 17 j 22:02	21°♑00'18	0.64162 AU
morning rise	-70 Jan 21 j 12:18	17°♑26'38	
direct	-70 Jan 28 j 09:50	14°♑37'08	
desc. node	-70 Feb 09 j 08:20	20°♑51'02	
morning max el	-70 Feb 10 j 23:55	22°♑26'01	27°28'37
	-70 Feb 17 j 16:34	0°♒	
	-70 Mar 09 j 12:42	0°♓	
morning set	-70 Mar 18 j 00:17	15°♓48'25	
max. Earth dist.	-70 Mar 23 j 00:02	25°♓55'21	1.33466 AU
	-70 Mar 24 j 22:41	0°♈	
superior conj	-70 Mar 25 j 23:45	2°♈12'52	0°-37'-30
minimum elong	-70 Mar 26 j 01:33	2°♈22'27	0°37'08
asc. node	-70 Mar 29 j 14:56	9°♈59'09	
evening rise	-70 Apr 02 j 05:34	17°♈39'47	
	-70 Apr 08 j 09:12	0°♉	
evening max el	-70 Apr 23 j 22:29	22°♉32'03	22°30'55
retrograde	-70 May 06 j 23:48	28°♉58'22	
desc. node	-70 May 08 j 07:32	28°♉54'27	
evening set	-70 May 10 j 01:32	28°♉37'39	
min. Earth dist.	-70 May 18 j 06:20	25°♉04'21	0.55307 AU
inferior conj	-70 May 19 j 08:59	24°♉26'31	-2°-59'-3
minimum elong	-70 May 19 j 01:53	24°♉36'36	2°57'00
morning rise	-70 May 28 j 04:32	20°♉33'03	
direct	-70 May 31 j 00:44	20°♉14'31	
morning max el	-70 Jun 11 j 10:08	25°♉32'52	21°02'10
	-70 Jun 15 j 12:37	0°♊	
asc. node	-70 Jun 25 j 14:10	15°♊54'24	
morning set	-70 Jul 01 j 00:06	26°♊38'02	
	-70 Jul 02 j 15:07	0°♋	
superior conj	-70 Jul 08 j 12:15	12°♋14'20	1°41'07
minimum elong	-70 Jul 08 j 10:31	12°♋05'25	1°41'01
max. Earth dist.	-70 Jul 12 j 20:09	20°♋59'43	1.35555 AU
evening rise	-70 Jul 17 j 02:48	29°♋15'37	
	-70 Jul 17 j 12:15	0°♌	
desc. node	-70 Aug 04 j 06:51	29°♌39'24	
	-70 Aug 04 j 12:27	0°♍	
evening max el	-70 Aug 21 j 14:36	21°♍17'52	26°30'07
retrograde	-70 Sep 03 j 10:37	28°♍30'27	
evening set	-70 Sep 09 j 22:47	25°♍49'38	
min. Earth dist.	-70 Sep 14 j 01:26	21°♍32'17	0.66132 AU
inferior conj	-70 Sep 15 j 15:51	19°♍35'59	-1°-57'-55
minimum elong	-70 Sep 15 j 18:51	19°♍26'56	1°56'46
morning rise	-70 Sep 21 j 16:00	13°♍47'37	
asc. node	-70 Sep 21 j 13:21	13°♍51'20	
direct	-70 Sep 24 j 14:41	12°♍58'34	
morning max el	-70 Oct 01 j 07:52	16°♍41'33	18°38'22
	-70 Oct 11 j 05:18	0°♎	
morning set	-70 Oct 21 j 20:34	16°♎50'42	
	-70 Oct 30 j 03:16	0°♏	
desc. node	-70 Oct 31 j 06:08	1°♏46'07	
superior conj	-70 Nov 06 j 20:10	12°♏08'14	0°-42'-17
minimum elong	-70 Nov 06 j 14:41	11°♏46'43	0°41'36
max. Earth dist.	-70 Nov 07 j 01:17	12°♏28'21	1.45026 AU
	-70 Nov 18 j 04:05	0°♐	
evening rise	-70 Nov 22 j 19:27	7°♐22'27	
	-70 Dec 07 j 05:04	0°♑	
evening max el	-70 Dec 14 j 16:05	9°♑41'35	18°58'56
asc. node	-70 Dec 18 j 12:38	12°♑46'11	
retrograde	-70 Dec 21 j 12:55	13°♑35'34	
evening set	-70 Dec 24 j 17:33	12°♑36'37	
inferior conj	-70 Dec 30 j 11:00	6°♑48'29	3°18'55
minimum elong	-70 Dec 30 j 08:24	6°♑56'37	3°18'23
min. Earth dist.	-69 Jan 01 j 00:38	4°♑51'02	0.65592 AU
morning rise	-69 Jan 04 j 22:20	0°♑37'26	
	-69 Jan 05 j 16:26	30°℞♐	
direct	-69 Jan 11 j 10:43	27°♐48'07	
	-69 Jan 17 j 21:52	0°♑	
morning max el	-69 Jan 24 j 09:39	5°♑23'58	26°39'03
desc. node	-69 Jan 27 j 05:22	8°♑23'42	
	-69 Feb 12 j 07:09	0°♒	
morning set	-69 Mar 01 j 08:08	29°♒09'12	
	-69 Mar 01 j 18:49	0°♓	
max. Earth dist.	-69 Mar 05 j 15:24	7°♓31'07	1.34666 AU
superior conj	-69 Mar 10 j 00:01	16°♓22'18	-1°-3'-53
minimum elong	-69 Mar 10 j 03:01	16°♓37'51	1°03'23
asc. node	-69 Mar 16 j 11:59	29°♓57'10	
	-69 Mar 16 j 12:31	0°♈	
evening rise	-69 Mar 17 j 14:47	2°♈16'27	
	-69 Apr 02 j 18:13	0°♉	
evening max el	-69 Apr 05 j 21:52	3°♉25'33	21°02'26
retrograde	-69 Apr 17 j 13:23	9°♉04'11	
evening set	-69 Apr 19 j 20:06	8°♉51'59	
desc. node	-69 Apr 25 j 04:34	7°♉01'00	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-69 Apr 29 j 03:18	4°♉53'38	-1°-7'-45
minimum elong	-69 Apr 29 j 00:06	4°♉58'10	1°06'38
min. Earth dist.	-69 Apr 29 j 19:14	4°♉31'05	0.55008 AU
morning rise	-69 May 08 j 03:37	0°♉49'41	
direct	-69 May 11 j 10:59	0°♉26'04	
morning max el	-69 May 24 j 08:54	6°♉36'48	22°36'08
	-69 Jun 09 j 16:10	0°♊	
asc. node	-69 Jun 12 j 11:13	5°♊26'15	
morning set	-69 Jun 15 j 10:38	11°♊32'00	
superior conj	-69 Jun 22 j 15:48	26°♊51'50	1°29'25
minimum elong	-69 Jun 22 j 13:25	26°♊39'11	1°29'09
	-69 Jun 24 j 03:27	0°♋	
max. Earth dist.	-69 Jun 25 j 14:51	3°♋04'45	1.34175 AU
evening rise	-69 Jun 30 j 12:44	13°♋00'05	
	-69 Jul 09 j 18:38	0°♌	
desc. node	-69 Jul 22 j 03:52	19°♌16'23	
	-69 Jul 30 j 14:16	0°♍	
evening max el	-69 Aug 04 j 02:24	4°♍44'14	27°11'21
retrograde	-69 Aug 17 j 10:52	12°♍03'20	
evening set	-69 Aug 24 j 10:08	9°♍18'23	
min. Earth dist.	-69 Aug 28 j 05:42	5°♍38'26	0.64928 AU
inferior conj	-69 Aug 30 j 09:02	3°♍15'38	-2°-52'-17
minimum elong	-69 Aug 30 j 13:14	3°♍03'55	2°50'52
	-69 Sep 02 j 12:09	30°℞♌	
morning rise	-69 Sep 05 j 17:59	27°♌41'49	
direct	-69 Sep 08 j 09:58	27°♌04'03	
asc. node	-69 Sep 08 j 10:24	27°♌04'03	
	-69 Sep 14 j 08:18	0°♍	
morning max el	-69 Sep 14 j 22:20	0°♍34'01	18°07'12
morning set	-69 Oct 02 j 23:17	27°♍47'26	
	-69 Oct 04 j 07:08	0°♎	
superior conj	-69 Oct 17 j 01:30	20°♎48'56	0°07'04
minimum elong	-69 Oct 17 j 02:22	20°♎52'25	0°06'57
behind sun begin	-69 Oct 16 j 16:34	20°♎13'15	
behind sun end	-69 Oct 17 j 12:11	21°♎31'31	
desc. node	-69 Oct 18 j 03:09	22°♎31'05	
max. Earth dist.	-69 Oct 20 j 20:02	26°♎48'13	1.44778 AU
	-69 Oct 22 j 20:43	0°♏	
evening rise	-69 Nov 02 j 14:30	16°♏44'36	
	-69 Nov 11 j 05:03	0°♐	
greatest brilliancy	-69 Nov 20 j 09:27	13°♐38'54	-0.6m
evening max el	-69 Nov 27 j 22:24	23°♐08'54	19°49'10
retrograde	-69 Dec 05 j 10:11	27°♐31'14	
asc. node	-69 Dec 05 j 09:41	27°♐31'14	
evening set	-69 Dec 08 j 22:25	26°♐19'08	
inferior conj	-69 Dec 14 j 11:27	20°♐16'49	2°45'24
minimum elong	-69 Dec 14 j 08:40	20°♐26'04	2°44'36
min. Earth dist.	-69 Dec 15 j 11:16	18°♐58'01	0.66632 AU
morning rise	-69 Dec 19 j 18:16	14°♐02'18	
direct	-69 Dec 25 j 17:25	11°♐24'28	
morning max el	-68 Jan 06 j 18:44	18°♐34'24	25°26'47
desc. node	-68 Jan 14 j 02:23	26°♐57'11	
	-68 Jan 16 j 11:06	0°♑	
	-68 Feb 05 j 08:21	0°♒	
morning set	-68 Feb 12 j 00:06	11°♒38'07	
max. Earth dist.	-68 Feb 15 j 19:04	18°♒38'39	1.36310 AU
superior conj	-68 Feb 21 j 15:42	0°♓01'01	-1°-28'-10
minimum elong	-68 Feb 21 j 19:29	0°♓19'53	1°27'41
	-68 Feb 21 j 15:29	0°♓	
evening rise	-68 Feb 29 j 19:42	16°♓33'55	
asc. node	-68 Mar 02 j 09:01	19°♓41'36	
	-68 Mar 07 j 18:34	0°♈	
evening max el	-68 Mar 18 j 08:19	14°♈54'34	19°49'29
retrograde	-68 Mar 28 j 06:45	19°♈40'35	

evening set	-68 Mar 30 j 09:24	19°♈28'37	
inferior conj	-68 Apr 08 j 03:26	15°♈27'02	0°49'30
minimum elong	-68 Apr 08 j 05:33	15°♈23'45	0°48'46
min. Earth dist.	-68 Apr 10 j 09:29	14°♈03'40	0.55667 AU
desc. node	-68 Apr 11 j 01:36	13°♈39'33	
morning rise	-68 Apr 16 j 22:28	10°♈54'52	
direct	-68 Apr 21 j 03:08	10°♈15'52	
morning max el	-68 May 05 j 00:58	17°♈12'16	24°17'06
	-68 May 15 j 10:27	0°♉	
asc. node	-68 May 29 j 08:17	25°♉15'39	
morning set	-68 May 29 j 22:33	26°♉30'26	
	-68 May 31 j 14:03	0°♊	
superior conj	-68 Jun 06 j 00:05	11°♊43'11	1°13'00
minimum elong	-68 Jun 05 j 21:37	11°♊29'50	1°12'37
max. Earth dist.	-68 Jun 07 j 18:22	15°♊31'04	1.33185 AU
evening rise	-68 Jun 13 j 09:15	27°♊16'01	
	-68 Jun 14 j 17:57	0°♋	
	-68 Jul 02 j 01:44	0°♌	
desc. node	-68 Jul 08 j 00:54	8°♌14'25	
evening max el	-68 Jul 16 j 12:39	17°♌48'53	27°25'26
retrograde	-68 Jul 30 j 05:19	25°♌08'38	
evening set	-68 Aug 06 j 10:00	22°♌31'12	
min. Earth dist.	-68 Aug 10 j 00:37	19°♌24'16	0.63356 AU
inferior conj	-68 Aug 12 j 17:03	16°♌42'40	-3°-41'-45
minimum elong	-68 Aug 12 j 21:50	16°♌30'39	3°40'31
morning rise	-68 Aug 19 j 11:56	11°♌26'36	
direct	-68 Aug 21 j 23:44	10°♌56'50	
asc. node	-68 Aug 25 j 07:28	11°♌50'35	
morning max el	-68 Aug 28 j 14:09	14°♌22'14	17°53'39
	-68 Sep 08 j 09:49	0°♍	
morning set	-68 Sep 14 j 03:05	9°♍56'18	
	-68 Sep 25 j 20:05	0°♎	
superior conj	-68 Sep 26 j 05:02	0°♎37'13	0°50'20
minimum elong	-68 Sep 26 j 09:41	0°♎56'30	0°49'44
max. Earth dist.	-68 Oct 02 j 12:11	10°♎53'56	1.43832 AU
desc. node	-68 Oct 04 j 00:11	13°♎17'57	
evening rise	-68 Oct 11 j 21:37	25°♎40'34	
	-68 Oct 14 j 17:08	0°♏	
	-68 Nov 04 j 08:45	0°♐	
greatest brilliancy	-68 Nov 04 j 09:18	0°♐01'46	-0.5m
evening max el	-68 Nov 09 j 23:18	6°♐37'04	20°53'16
retrograde	-68 Nov 18 j 07:49	11°♐34'07	
asc. node	-68 Nov 21 j 06:44	10°♐44'39	
evening set	-68 Nov 22 j 05:40	10°♐06'54	
inferior conj	-68 Nov 27 j 16:05	3°♐53'49	2°04'02
minimum elong	-68 Nov 27 j 13:38	4°♐02'13	2°03'11
min. Earth dist.	-68 Nov 28 j 03:41	3°♐14'06	0.67302 AU
	-68 Nov 30 j 15:12	30°℞♏	
morning rise	-68 Dec 02 j 21:11	27°♏38'08	
direct	-68 Dec 08 j 05:21	25°♏19'02	
	-68 Dec 17 j 05:27	0°♐	
morning max el	-68 Dec 19 j 03:11	1°♐49'41	24°01'49
desc. node	-68 Dec 30 j 23:25	16°♐13'54	
	-67 Jan 09 j 12:35	0°♑	
morning set	-67 Jan 23 j 18:12	22°♑58'49	
max. Earth dist.	-67 Jan 27 j 14:42	29°♑44'09	1.38305 AU
	-67 Jan 27 j 18:15	0°♒	
superior conj	-67 Feb 03 j 19:15	12°♒59'50	-1°-47'-59
minimum elong	-67 Feb 03 j 22:51	13°♒16'58	1°47'42
evening rise	-67 Feb 12 j 17:51	0°♓25'29	
	-67 Feb 12 j 12:40	0°♓	
asc. node	-67 Feb 17 j 06:05	9°♓07'12	
evening max el	-67 Mar 01 j 05:33	27°♓01'45	18°55'44
	-67 Mar 05 j 06:35	0°♈	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

retrograde	-67 Mar 09 j 14:51	1°♈04'45	
evening set	-67 Mar 11 j 21:08	0°♈48'16	
	-67 Mar 14 j 04:52	30°℞♓	
inferior conj	-67 Mar 19 j 20:49	26°♓31'24	2°22'40
minimum elong	-67 Mar 20 j 01:10	26°♓23'37	2°21'29
min. Earth dist.	-67 Mar 23 j 01:44	24°♓15'11	0.57138 AU
morning rise	-67 Mar 28 j 00:59	21°♓26'25	
desc. node	-67 Mar 28 j 22:38	21°♓05'36	
direct	-67 Apr 02 j 08:50	20°♓18'22	
morning max el	-67 Apr 16 j 16:00	27°♓44'23	25°51'02
	-67 Apr 18 j 21:03	0°♈	
	-67 May 08 j 17:38	0°♉	
morning set	-67 May 14 j 10:13	11°♉27'51	
asc. node	-67 May 16 j 05:21	15°♉17'06	
superior conj	-67 May 21 j 11:02	26°♉41'24	0°52'51
minimum elong	-67 May 21 j 08:58	26°♉30'04	0°52'27
max. Earth dist.	-67 May 22 j 04:14	28°♉15'30	1.32579 AU
	-67 May 22 j 23:22	0°♊	
evening rise	-67 May 28 j 13:05	11°♊53'21	
	-67 Jun 06 j 22:36	0°♋	
desc. node	-67 Jun 24 j 21:57	26°♋17'07	
	-67 Jun 28 j 10:56	0°♌	
evening max el	-67 Jun 28 j 19:09	0°♌19'41	27°07'35
retrograde	-67 Jul 12 j 16:57	7°♌36'45	
evening set	-67 Jul 19 j 18:16	5°♌20'49	
min. Earth dist.	-67 Jul 23 j 09:20	2°♌36'39	0.61474 AU
	-67 Jul 26 j 08:03	30°℞♋	
inferior conj	-67 Jul 26 j 12:46	29°♋49'28	-4°-21'-23
minimum elong	-67 Jul 26 j 16:50	29°♋40'25	4°20'45
morning rise	-67 Aug 02 j 18:16	24°♋54'02	
direct	-67 Aug 05 j 04:30	24°♋29'30	
morning max el	-67 Aug 12 j 04:17	27°♋58'51	17°58'38
asc. node	-67 Aug 12 j 04:32	27°♋59'28	
	-67 Aug 14 j 01:01	0°♌	
morning set	-67 Aug 28 j 01:48	22°♌59'47	
	-67 Aug 31 j 21:43	0°♍	
superior conj	-67 Sep 07 j 12:00	11°♍46'30	1°21'22
minimum elong	-67 Sep 07 j 16:38	12°♍06'44	1°20'54
max. Earth dist.	-67 Sep 14 j 23:44	24°♍30'06	1.42317 AU
	-67 Sep 18 j 08:29	0°♎	
desc. node	-67 Sep 20 j 21:14	4°♎03'16	
evening rise	-67 Sep 21 j 10:34	4°♎56'09	
	-67 Oct 08 j 01:43	0°♏	
greatest brilliancy	-67 Oct 19 j 01:09	14°♏45'58	-0.3m
evening max el	-67 Oct 23 j 18:32	20°♏06'08	22°07'39
retrograde	-67 Nov 02 j 03:51	25°♏41'04	
evening set	-67 Nov 06 j 13:27	23°♏56'48	
asc. node	-67 Nov 08 j 03:47	22°♏26'51	
inferior conj	-67 Nov 11 j 22:50	17°♏36'37	1°16'43
minimum elong	-67 Nov 11 j 21:09	17°♏42'26	1°16'03
min. Earth dist.	-67 Nov 11 j 23:24	17°♏34'37	0.67632 AU
morning rise	-67 Nov 17 j 04:38	11°♏22'06	
direct	-67 Nov 21 j 21:36	9°♏25'16	
morning max el	-67 Dec 01 j 13:36	15°♏09'01	22°34'02
greatest brilliancy	-67 Dec 06 j 04:29	20°♏19'31	-0.3m
	-67 Dec 13 j 14:11	0°♐	
desc. node	-67 Dec 17 j 20:27	6°♐01'08	
	-66 Jan 02 j 13:06	0°♑	
morning set	-66 Jan 04 j 08:22	2°♑55'45	
max. Earth dist.	-66 Jan 09 j 10:36	11°♑25'11	1.40436 AU
superior conj	-66 Jan 17 j 05:59	25°♑06'15	-2°00'-3
minimum elong	-66 Jan 17 j 07:44	25°♑14'07	2°00'00
	-66 Jan 19 j 22:24	0°♒	
evening rise	-66 Jan 27 j 06:06	13°♒42'54	
asc. node	-66 Feb 04 j 03:07	28°♒06'49	
	-66 Feb 05 j 06:11	0°♓	
evening max el	-66 Feb 12 j 10:52	9°♓39'33	18°22'00
retrograde	-66 Feb 19 j 17:50	13°♓15'54	
evening set	-66 Feb 22 j 05:03	12°♓52'14	
inferior conj	-66 Mar 01 j 11:11	8°♓14'27	3°20'42
minimum elong	-66 Mar 01 j 14:33	8°♓07'26	3°20'08
min. Earth dist.	-66 Mar 04 j 21:33	5°♓24'14	0.59098 AU
morning rise	-66 Mar 08 j 20:23	2°♓42'55	
direct	-66 Mar 15 j 03:31	0°♓57'47	
desc. node	-66 Mar 15 j 19:39	0°♓58'58	
morning max el	-66 Mar 29 j 11:10	8°♓39'27	27°03'01
	-66 Apr 14 j 16:18	0°♈	
morning set	-66 Apr 28 j 19:56	26°♈18'30	
	-66 Apr 30 j 13:57	0°♉	
asc. node	-66 May 03 j 02:25	5°♉25'47	
superior conj	-66 May 05 j 22:49	11°♉40'09	0°29'46
minimum elong	-66 May 05 j 21:32	11°♉33'05	0°29'31
max. Earth dist.	-66 May 05 j 17:01	11°♉08'16	1.32337 AU
evening rise	-66 May 12 j 21:37	26°♉43'25	
	-66 May 14 j 11:25	0°♊	
	-66 May 31 j 15:43	0°♋	
evening max el	-66 Jun 10 j 19:33	12°♋07'17	26°16'59
desc. node	-66 Jun 11 j 18:58	13°♋01'36	
retrograde	-66 Jun 24 j 20:06	19°♋20'33	
evening set	-66 Jul 01 j 06:21	17°♋38'23	
min. Earth dist.	-66 Jul 05 j 08:29	15°♋01'12	0.59426 AU
inferior conj	-66 Jul 08 j 16:35	12°♋26'52	-4°-43'-22
minimum elong	-66 Jul 08 j 17:59	12°♋24'10	4°43'20
morning rise	-66 Jul 16 j 09:01	7°♋54'09	
direct	-66 Jul 18 j 20:06	7°♋32'54	
morning max el	-66 Jul 26 j 13:46	11°♋15'58	18°23'20
asc. node	-66 Jul 30 j 01:36	15°♋15'36	
	-66 Aug 08 j 00:49	0°♌	
morning set	-66 Aug 11 j 14:11	6°♌43'38	
superior conj	-66 Aug 20 j 19:01	24°♌07'40	1°39'35
minimum elong	-66 Aug 20 j 21:46	24°♌20'19	1°39'25
	-66 Aug 24 j 00:36	0°♍	
max. Earth dist.	-66 Aug 28 j 06:18	7°♍26'45	1.40427 AU
evening rise	-66 Sep 01 j 19:56	15°♍09'36	
desc. node	-66 Sep 07 j 18:17	24°♍43'42	
	-66 Sep 11 j 03:51	0°♎	
	-66 Oct 03 j 00:15	0°♏	
evening max el	-66 Oct 06 j 09:10	3°♏37'50	23°27'19
retrograde	-66 Oct 16 j 21:02	9°♏49'50	
evening set	-66 Oct 21 j 20:10	7°♏47'22	
asc. node	-66 Oct 26 j 00:48	3°♏02'46	
inferior conj	-66 Oct 27 j 05:53	1°♏23'43	0°25'03
minimum elong	-66 Oct 27 j 05:18	1°♏25'45	0°24'47
min. Earth dist.	-66 Oct 26 j 20:00	1°♏57'36	0.67638 AU
	-66 Oct 28 j 06:33	30°℞♎	
morning rise	-66 Nov 01 j 14:31	25°♎13'00	
direct	-66 Nov 05 j 17:11	23°♎38'39	
morning max el	-66 Nov 14 j 05:43	28°♎37'23	21°11'45
	-66 Nov 15 j 13:07	0°♏	
greatest brilliancy	-66 Nov 19 j 14:16	4°♏48'27	-0.5m
desc. node	-66 Dec 04 j 17:30	26°♏10'40	
	-66 Dec 07 j 06:23	0°♐	
morning set	-66 Dec 14 j 18:33	11°♐34'50	
max. Earth dist.	-66 Dec 22 j 13:21	24°♐03'13	1.42403 AU
	-66 Dec 26 j 03:35	0°♑	
superior conj	-66 Dec 29 j 18:32	6°♑07'46	-2°00'-4
minimum elong	-66 Dec 29 j 16:17	5°♑58'09	2°00'01
evening rise	-65 Jan 10 j 04:51	26°♑19'00	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-65 Jan 12 j 05:51	0°♒	
asc. node	-65 Jan 22 j 00:08	16°♒32'30	
evening max el	-65 Jan 26 j 21:11	22°♒39'29	18°08'05
retrograde	-65 Feb 02 j 13:32	26°♒05'05	
evening set	-65 Feb 05 j 05:02	25°♒32'58	
inferior conj	-65 Feb 11 j 20:51	20°♒33'21	3°46'56
minimum elong	-65 Feb 11 j 21:59	20°♒30'38	3°46'52
min. Earth dist.	-65 Feb 15 j 00:01	17°♒33'38	0.61197 AU
morning rise	-65 Feb 18 j 12:15	14°♒43'42	
direct	-65 Feb 25 j 08:48	12°♒24'03	
desc. node	-65 Mar 02 j 16:41	13°♒40'07	
morning max el	-65 Mar 11 j 12:44	20°♒13'53	27°41'58
	-65 Mar 19 j 22:23	0°♓	
	-65 Apr 07 j 13:08	0°♈	
morning set	-65 Apr 13 j 01:49	10°♈55'14	
max. Earth dist.	-65 Apr 19 j 04:45	23°♈54'57	1.32459 AU
asc. node	-65 Apr 19 j 23:27	25°♈36'49	
superior conj	-65 Apr 20 j 09:44	26°♈32'58	0°04'33
minimum elong	-65 Apr 20 j 09:32	26°♈31'49	0°04'31
behind sun begin	-65 Apr 20 j 04:38	26°♈05'07	
behind sun end	-65 Apr 20 j 14:25	26°♈58'32	
	-65 Apr 21 j 23:36	0°♉	
evening rise	-65 Apr 27 j 08:42	11°♉37'59	
	-65 May 06 j 18:02	0°♊	
evening max el	-65 May 23 j 13:04	23°♊10'28	24°59'00
desc. node	-65 May 29 j 15:59	27°♊55'53	
	-65 Jun 03 j 20:00	0°♋	
retrograde	-65 Jun 06 j 12:52	0°♋17'04	
	-65 Jun 09 j 05:49	30°℞♊	
evening set	-65 Jun 11 j 19:17	29°♊13'33	
min. Earth dist.	-65 Jun 17 j 00:36	26°♊25'28	0.57452 AU
inferior conj	-65 Jun 20 j 01:10	24°♊24'20	-4°-36'-20
minimum elong	-65 Jun 19 j 22:02	24°♊29'35	4°36'04
morning rise	-65 Jun 28 j 04:40	20°♊13'43	
direct	-65 Jun 30 j 18:05	19°♊54'41	
morning max el	-65 Jul 09 j 15:34	24°♊03'50	19°08'46
	-65 Jul 14 j 16:21	0°♋	
asc. node	-65 Jul 16 j 22:39	3°♋23'48	
morning set	-65 Jul 26 j 12:08	20°♋56'10	
	-65 Jul 31 j 01:38	0°♌	
superior conj	-65 Aug 03 j 20:17	7°♌23'56	1°46'49
minimum elong	-65 Aug 03 j 20:53	7°♌26'53	1°46'49
max. Earth dist.	-65 Aug 10 j 09:31	19°♌41'20	1.38408 AU
evening rise	-65 Aug 14 j 06:05	26°♌32'57	
	-65 Aug 16 j 06:08	0°♍	
desc. node	-65 Aug 25 j 15:20	15°♍14'18	
	-65 Sep 04 j 17:17	0°♎	
evening max el	-65 Sep 18 j 21:05	17°♎12'16	24°46'03
retrograde	-65 Sep 30 j 10:20	23°♎56'06	
evening set	-65 Oct 06 j 00:07	21°♎35'53	
min. Earth dist.	-65 Oct 10 j 15:06	16°♎20'31	0.67316 AU
inferior conj	-65 Oct 11 j 11:32	15°♎12'46	0°-29'-35
minimum elong	-65 Oct 11 j 12:16	15°♎10'20	0°29'18
asc. node	-65 Oct 12 j 21:49	13°♎20'50	
morning rise	-65 Oct 17 j 00:51	9°♎08'25	
direct	-65 Oct 20 j 14:50	7°♎54'29	
morning max el	-65 Oct 28 j 05:26	12°♎16'23	20°00'38
greatest brilliancy	-65 Nov 04 j 11:35	21°♎09'34	-0.6m
	-65 Nov 10 j 15:30	0°♏	
desc. node	-65 Nov 21 j 14:34	16°♏36'02	
morning set	-65 Nov 23 j 15:06	19°♏43'10	
	-65 Nov 30 j 05:28	0°♐	
max. Earth dist.	-65 Dec 04 j 23:38	7°♐32'02	1.43927 AU
superior conj	-65 Dec 10 j 04:36	15°♐55'50	-1°-43'-32
minimum elong	-65 Dec 09 j 21:38	15°♐27'27	1°43'02
	-65 Dec 18 j 15:53	0°♑	
evening rise	-65 Dec 23 j 09:52	8°♑06'02	
	-64 Jan 05 j 16:05	0°♒	
asc. node	-64 Jan 08 j 21:08	4°♒14'28	
evening max el	-64 Jan 10 j 09:36	5°♒54'21	18°13'28
retrograde	-64 Jan 16 j 21:21	9°♒22'35	
evening set	-64 Jan 19 j 17:08	8°♒41'09	
inferior conj	-64 Jan 25 j 22:04	3°♒21'04	3°48'59
minimum elong	-64 Jan 25 j 21:10	3°♒23'29	3°48'56
min. Earth dist.	-64 Jan 28 j 11:44	0°♒34'10	0.63158 AU
	-64 Jan 29 j 00:56	30°℞♑	
morning rise	-64 Jan 31 j 23:22	27°♑19'55	
direct	-64 Feb 07 j 22:56	24°♑36'59	
desc. node	-64 Feb 17 j 13:43	28°♑42'34	
	-64 Feb 19 j 03:30	0°♒	
morning max el	-64 Feb 21 j 19:40	2°♒29'16	27°43'44
	-64 Mar 13 j 05:50	0°♓	
morning set	-64 Mar 27 j 01:36	25°♓10'40	
	-64 Mar 29 j 10:31	0°♈	
max. Earth dist.	-64 Apr 01 j 11:23	6°♈21'30	1.32971 AU
superior conj	-64 Apr 03 j 18:07	11°♈14'15	0°-22'00
minimum elong	-64 Apr 03 j 19:10	11°♈19'54	0°21'47
asc. node	-64 Apr 05 j 20:29	15°♈46'15	
evening rise	-64 Apr 10 j 20:30	26°♈30'36	
	-64 Apr 12 j 12:35	0°♉	
	-64 Apr 30 j 14:46	0°♊	
evening max el	-64 May 04 j 03:26	3°♊46'47	23°25'43
desc. node	-64 May 15 j 12:58	10°♊23'19	
retrograde	-64 May 17 j 17:39	10°♊34'17	
evening set	-64 May 21 j 13:05	10°♊02'22	
min. Earth dist.	-64 May 28 j 13:40	6°♊48'50	0.55883 AU
inferior conj	-64 May 30 j 13:42	5°♊37'33	-3°-47'-52
minimum elong	-64 May 30 j 06:47	5°♊47'51	3°46'19
morning rise	-64 Jun 08 j 03:56	1°♊41'54	
direct	-64 Jun 10 j 20:36	1°♊24'04	
morning max el	-64 Jun 21 j 07:16	6°♊13'52	20°15'09
asc. node	-64 Jul 02 j 19:44	22°♊11'59	
	-64 Jul 06 j 22:57	0°♋	
morning set	-64 Jul 09 j 16:43	5°♋29'40	
superior conj	-64 Jul 17 j 10:44	21°♋20'41	1°45'15
minimum elong	-64 Jul 17 j 09:40	21°♋15'20	1°45'13
	-64 Jul 21 j 19:43	0°♌	
max. Earth dist.	-64 Jul 22 j 14:39	1°♌31'19	1.36513 AU
evening rise	-64 Jul 26 j 14:35	9°♌01'20	
	-64 Aug 07 j 22:36	0°♍	
desc. node	-64 Aug 11 j 12:20	5°♍29'51	
	-64 Aug 30 j 12:48	0°♎	
evening max el	-64 Aug 31 j 08:29	0°♎48'46	25°56'25
retrograde	-64 Sep 12 j 19:08	7°♎54'37	
evening set	-64 Sep 18 j 23:25	5°♎19'42	
min. Earth dist.	-64 Sep 23 j 06:21	0°♎40'41	0.66663 AU
	-64 Sep 23 j 19:20	30°℞♍	
inferior conj	-64 Sep 24 j 13:57	29°♍01'09	-1°-25'-42
minimum elong	-64 Sep 24 j 16:08	28°♍54'18	1°24'49
asc. node	-64 Sep 28 j 18:53	24°♍18'16	
morning rise	-64 Sep 30 j 09:42	23°♍06'02	
direct	-64 Oct 03 j 13:13	22°♍09'06	
morning max el	-64 Oct 10 j 12:24	26°♍03'53	19°03'45
	-64 Oct 13 j 22:21	0°♎	
morning set	-64 Nov 01 j 22:34	28°♎30'33	
	-64 Nov 02 j 21:23	0°♏	
desc. node	-64 Nov 07 j 11:36	7°♏11'54	
max. Earth dist.	-64 Nov 16 j 15:18	21°♏34'08	1.44828 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-64 Nov 18 j 14:22	24°♏39'48	-1°-8'-46
minimum elong	-64 Nov 18 j 06:29	24°♏08'39	1°07'53
	-64 Nov 21 j 23:11	0°♐	
evening rise	-64 Dec 03 j 16:53	18°♐55'30	
	-64 Dec 10 j 11:27	0°♑	
evening max el	-64 Dec 23 j 21:27	19°♑17'23	18°37'22
asc. node	-64 Dec 25 j 18:10	20°♑59'24	
retrograde	-64 Dec 30 j 12:55	22°♑59'13	
evening set	-63 Jan 02 j 13:51	22°♑07'14	
inferior conj	-63 Jan 08 j 10:50	16°♑28'49	3°33'38
minimum elong	-63 Jan 08 j 08:38	16°♑35'23	3°33'18
min. Earth dist.	-63 Jan 10 j 09:12	14°♑10'26	0.64813 AU
morning rise	-63 Jan 14 j 02:10	10°♑20'31	
direct	-63 Jan 20 j 20:28	7°♑29'10	
morning max el	-63 Feb 03 j 05:04	15°♑14'57	27°10'52
desc. node	-63 Feb 03 j 10:46	15°♑29'16	
	-63 Feb 15 j 08:07	0°♒	
	-63 Mar 05 j 22:50	0°♓	
morning set	-63 Mar 10 j 16:19	8°♓54'24	
max. Earth dist.	-63 Mar 15 j 08:54	18°♓15'28	1.33914 AU
superior conj	-63 Mar 18 j 21:59	25°♓36'58	0°-48'-50
minimum elong	-63 Mar 19 j 00:19	25°♓49'18	0°48'24
	-63 Mar 20 j 23:45	0°♈	
asc. node	-63 Mar 23 j 17:31	5°♈49'20	
evening rise	-63 Mar 26 j 07:09	11°♈14'15	
	-63 Apr 05 j 02:03	0°♉	
evening max el	-63 Apr 15 j 21:46	14°♉26'02	21°51'52
retrograde	-63 Apr 28 j 10:45	20°♉33'49	
evening set	-63 May 01 j 01:59	20°♉18'19	
desc. node	-63 May 02 j 09:58	19°♉59'18	
inferior conj	-63 May 10 j 11:16	16°♉14'34	-2°-14'-52
minimum elong	-63 May 10 j 05:17	16°♉22'59	2°12'55
min. Earth dist.	-63 May 10 j 02:30	16°♉26'52	0.55056 AU
morning rise	-63 May 19 j 09:43	12°♉18'44	
direct	-63 May 22 j 09:25	11°♉58'57	
morning max el	-63 Jun 03 j 11:45	17°♉40'24	21°40'36
	-63 Jun 13 j 05:08	0°♊	
asc. node	-63 Jun 19 j 16:48	11°♊29'58	
morning set	-63 Jun 24 j 01:37	20°♊17'26	
	-63 Jun 28 j 16:32	0°♋	
superior conj	-63 Jul 01 j 10:22	5°♋45'49	1°36'49
minimum elong	-63 Jul 01 j 08:17	5°♋34'56	1°36'38
max. Earth dist.	-63 Jul 05 j 03:36	13°♋24'48	1.34918 AU
evening rise	-63 Jul 09 j 16:36	22°♋21'58	
	-63 Jul 13 j 18:47	0°♌	
desc. node	-63 Jul 29 j 09:19	25°♌23'36	
	-63 Aug 01 j 16:10	0°♍	
evening max el	-63 Aug 13 j 20:27	14°♍22'33	26°50'38
retrograde	-63 Aug 26 j 22:44	21°♍39'22	
evening set	-63 Sep 02 j 15:56	18°♍55'47	
min. Earth dist.	-63 Sep 06 j 15:28	14°♍54'17	0.65661 AU
inferior conj	-63 Sep 08 j 11:13	12°♍46'04	-2°-21'-22
minimum elong	-63 Sep 08 j 14:46	12°♍35'39	2°20'03
morning rise	-63 Sep 14 j 14:56	7°♍03'16	
asc. node	-63 Sep 15 j 15:58	6°♍36'53	
direct	-63 Sep 17 j 10:23	6°♍19'31	
morning max el	-63 Sep 24 j 00:50	9°♍56'17	18°22'56
	-63 Oct 08 j 00:51	0°♎	
morning set	-63 Oct 13 j 08:57	8°♎40'04	
desc. node	-63 Oct 25 j 08:38	27°♎54'51	
	-63 Oct 26 j 16:15	0°♏	
superior conj	-63 Oct 28 j 14:57	3°♏04'25	0°-21'-19
minimum elong	-63 Oct 28 j 12:09	2°♏53'21	0°20'57
max. Earth dist.	-63 Oct 30 j 09:48	5°♏53'09	1.45012 AU
evening rise	-63 Nov 14 j 00:07	28°♏46'53	
	-63 Nov 14 j 18:45	0°♐	
greatest brilliancy	-63 Nov 27 j 18:24	20°♐10'09	-0.7m
	-63 Dec 04 j 20:17	0°♑	
evening max el	-63 Dec 07 j 06:26	2°♑44'48	19°18'29
asc. node	-63 Dec 12 j 15:12	6°♑32'57	
retrograde	-63 Dec 14 j 08:51	6°♑49'40	
evening set	-63 Dec 17 j 16:28	5°♑45'26	
inferior conj	-63 Dec 23 j 07:51	29°♐51'10	3°05'47
minimum elong	-63 Dec 23 j 05:05	0°♑00'01	3°05'07
	-63 Dec 23 j 05:06	30°℞♐	
min. Earth dist.	-63 Dec 24 j 15:29	28°♐09'42	0.66089 AU
morning rise	-63 Dec 28 j 16:53	23°♐38'28	
direct	-62 Jan 04 j 00:09	20°♐52'34	
morning max el	-62 Jan 16 j 14:28	28°♐19'01	26°10'21
	-62 Jan 18 j 05:18	0°♑	
desc. node	-62 Jan 21 j 07:49	3°♑30'35	
	-62 Feb 09 j 02:13	0°♒	
morning set	-62 Feb 21 j 18:01	21°♒54'45	
	-62 Feb 25 j 23:49	0°♓	
max. Earth dist.	-62 Feb 25 j 18:47	29°♒35'30	1.35316 AU
superior conj	-62 Mar 02 j 18:58	9°♓34'29	-1°-14'-34
minimum elong	-62 Mar 02 j 22:23	9°♓51'53	1°14'04
evening rise	-62 Mar 10 j 14:47	25°♓43'17	
asc. node	-62 Mar 10 j 14:33	25°♓42'03	
	-62 Mar 12 j 17:20	0°♈	
evening max el	-62 Mar 29 j 01:48	25°♈33'45	20°29'13
	-62 Apr 04 j 15:53	0°♉	
retrograde	-62 Apr 08 j 23:46	0°♉48'52	
evening set	-62 Apr 11 j 03:23	0°♉37'30	
	-62 Apr 13 j 12:56	30°℞♈	
desc. node	-62 Apr 19 j 07:01	27°♈13'34	
inferior conj	-62 Apr 20 j 06:12	26°♈40'04	0°-16'-36
minimum elong	-62 Apr 20 j 05:25	26°♈41'12	0°16'20
min. Earth dist.	-62 Apr 21 j 15:57	25°♈51'06	0.55178 AU
morning rise	-62 Apr 29 j 05:36	22°♈25'40	
direct	-62 May 02 j 21:11	21°♈56'48	
morning max el	-62 May 16 j 06:47	28°♈28'39	23°19'01
	-62 May 17 j 19:43	0°♉	
	-62 Jun 06 j 00:07	0°♊	
asc. node	-62 Jun 06 j 13:51	1°♊09'47	
morning set	-62 Jun 08 j 12:55	5°♊13'35	
superior conj	-62 Jun 15 j 16:10	20°♊29'39	1°22'58
minimum elong	-62 Jun 15 j 13:41	20°♊16'20	1°22'38
max. Earth dist.	-62 Jun 18 j 02:20	25°♊38'52	1.33705 AU
	-62 Jun 20 j 04:21	0°♋	
evening rise	-62 Jun 23 j 07:28	6°♋21'08	
	-62 Jul 06 j 09:07	0°♌	
desc. node	-62 Jul 16 j 06:21	14°♌45'41	
evening max el	-62 Jul 27 j 08:05	27°♌42'15	27°21'11
	-62 Jul 29 j 21:48	0°♍	
retrograde	-62 Aug 09 j 20:30	5°♍01'35	
evening set	-62 Aug 16 j 22:50	2°♍18'38	
	-62 Aug 19 j 13:45	30°℞♌	
min. Earth dist.	-62 Aug 20 j 16:04	28°♌53'19	0.64299 AU
inferior conj	-62 Aug 23 j 00:53	26°♌21'38	-3°-14'-6
minimum elong	-62 Aug 23 j 05:27	26°♌09'27	3°12'43
morning rise	-62 Aug 29 j 13:55	20°♌54'41	
direct	-62 Sep 01 j 03:52	20°♌20'34	
asc. node	-62 Sep 02 j 13:03	20°♌30'27	
morning max el	-62 Sep 07 j 16:10	23°♌47'37	17°59'13
	-62 Sep 12 j 15:29	0°♍	
morning set	-62 Sep 24 j 23:10	20°♍10'32	
	-62 Sep 30 j 18:48	0°♎	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-62 Oct 08 j 04:12	12°♎09'50	0°26'40
minimum elong	-62 Oct 08 j 07:12	12°♎21'56	0°26'16
desc. node	-62 Oct 12 j 05:40	18°♎41'14	
max. Earth dist.	-62 Oct 13 j 04:12	20°♎10'53	1.44464 AU
	-62 Oct 19 j 10:00	0°♏	
evening rise	-62 Oct 24 j 12:21	7°♏54'00	
	-62 Nov 08 j 02:49	0°♐	
greatest brilliancy	-62 Nov 13 j 21:21	8°♐12'34	-0.6m
evening max el	-62 Nov 20 j 10:41	16°♐13'16	20°14'53
retrograde	-62 Nov 28 j 06:26	20°♐49'09	
asc. node	-62 Nov 29 j 12:16	20°♐40'22	
evening set	-62 Dec 01 j 22:37	19°♐30'44	
inferior conj	-62 Dec 07 j 10:21	13°♐23'32	2°28'41
minimum elong	-62 Dec 07 j 07:39	13°♐32'38	2°27'49
min. Earth dist.	-62 Dec 08 j 04:46	12°♐21'35	0.66973 AU
morning rise	-62 Dec 12 j 16:09	7°♐08'30	
direct	-62 Dec 18 j 09:08	4°♐38'03	
morning max el	-62 Dec 29 j 22:59	11°♐31'42	24°51'30
desc. node	-61 Jan 08 j 04:52	22°♐24'19	
	-61 Jan 13 j 18:19	0°♑	
	-61 Feb 01 j 19:28	0°♒	
morning set	-61 Feb 04 j 01:26	3°♒56'36	
max. Earth dist.	-61 Feb 07 j 18:26	10°♒38'52	1.37133 AU
superior conj	-61 Feb 14 j 06:00	22°♒57'54	-1°-37'-18
minimum elong	-61 Feb 14 j 09:52	23°♒16'48	1°36'53
	-61 Feb 17 j 19:20	0°♓	
evening rise	-61 Feb 22 j 17:10	9°♓51'01	
asc. node	-61 Feb 25 j 11:36	15°♓19'30	
	-61 Mar 05 j 19:27	0°♈	
evening max el	-61 Mar 11 j 17:05	7°♈19'39	19°24'08
retrograde	-61 Mar 20 j 22:25	11°♈45'35	
evening set	-61 Mar 23 j 02:21	11°♈32'01	
inferior conj	-61 Mar 31 j 12:42	7°♈24'41	1°33'07
minimum elong	-61 Mar 31 j 16:15	7°♈18'52	1°31'59
min. Earth dist.	-61 Apr 03 j 06:34	5°♈37'30	0.56211 AU
desc. node	-61 Apr 06 j 04:03	3°♈56'00	
morning rise	-61 Apr 09 j 02:23	2°♈38'44	
direct	-61 Apr 13 j 18:31	1°♈49'05	
morning max el	-61 Apr 27 j 21:36	8°♈59'14	24°58'59
	-61 May 13 j 12:27	0°♉	
morning set	-61 May 24 j 00:57	20°♉12'53	
asc. node	-61 May 24 j 10:54	21°♉05'22	
	-61 May 28 j 14:12	0°♊	
superior conj	-61 May 31 j 01:49	5°♊25'00	1°04'51
minimum elong	-61 May 30 j 23:28	5°♊12'12	1°04'27
max. Earth dist.	-61 Jun 01 j 09:13	8°♊15'35	1.32880 AU
evening rise	-61 Jun 07 j 07:28	20°♊47'43	
	-61 Jun 11 j 23:01	0°♋	
	-61 Jun 30 j 11:43	0°♌	
desc. node	-61 Jul 03 j 03:23	3°♌22'47	
evening max el	-61 Jul 09 j 17:10	10°♌34'30	27°21'56
retrograde	-61 Jul 23 j 11:52	17°♌52'36	
evening set	-61 Jul 30 j 16:35	15°♌22'31	
min. Earth dist.	-61 Aug 03 j 06:30	12°♌27'06	0.62591 AU
inferior conj	-61 Aug 06 j 04:05	9°♌41'20	-4°00'-7
minimum elong	-61 Aug 06 j 08:46	9°♌30'10	3°59'07
morning rise	-61 Aug 13 j 03:25	4°♌33'43	
direct	-61 Aug 15 j 14:22	4°♌06'19	
asc. node	-61 Aug 20 j 10:06	5°♌54'00	
morning max el	-61 Aug 22 j 07:37	7°♌31'57	17°53'30
	-61 Sep 05 j 22:45	0°♍	
morning set	-61 Sep 07 j 11:44	2°♍44'57	
superior conj	-61 Sep 18 j 19:28	22°♍33'00	1°05'06
minimum elong	-61 Sep 19 j 00:28	22°♍54'13	1°04'31
	-61 Sep 23 j 06:28	0°♎	
max. Earth dist.	-61 Sep 25 j 19:09	4°♎08'08	1.43253 AU
desc. node	-61 Sep 29 j 02:43	9°♎27'59	
evening rise	-61 Oct 03 j 19:45	16°♎52'55	
	-61 Oct 12 j 10:00	0°♏	
greatest brilliancy	-61 Oct 29 j 07:14	23°♏49'49	-0.4m
evening max el	-61 Nov 03 j 09:07	29°♏41'48	21°23'47
	-61 Nov 03 j 16:19	0°♐	
retrograde	-61 Nov 12 j 03:38	4°♐54'39	
evening set	-61 Nov 16 j 06:20	3°♐20'08	
asc. node	-61 Nov 16 j 09:20	3°♐14'15	
	-61 Nov 19 j 11:20	30°℞♏	
inferior conj	-61 Nov 21 j 16:07	27°♏03'24	1°44'36
minimum elong	-61 Nov 21 j 13:57	27°♏10'53	1°43'47
min. Earth dist.	-61 Nov 21 j 22:49	26°♏40'18	0.67489 AU
morning rise	-61 Nov 26 j 21:16	20°♏48'04	
direct	-61 Dec 01 j 22:50	18°♏38'31	
morning max el	-61 Dec 12 j 08:02	24°♏49'18	23°24'15
	-61 Dec 16 j 23:46	0°♐	
greatest brilliancy	-61 Dec 17 j 20:50	1°♐03'53	-0.2m
desc. node	-61 Dec 26 j 01:55	11°♐55'25	
	-60 Jan 07 j 06:18	0°♑	
morning set	-60 Jan 16 j 08:16	14°♑43'09	
max. Earth dist.	-60 Jan 20 j 13:41	21°♑57'47	1.39216 AU
	-60 Jan 25 j 01:58	0°♒	
superior conj	-60 Jan 28 j 03:02	5°♒36'00	-1°-54'-17
minimum elong	-60 Jan 28 j 06:05	5°♒50'16	1°54'07
evening rise	-60 Feb 06 j 11:32	23°♒29'29	
	-60 Feb 09 j 21:08	0°♓	
asc. node	-60 Feb 12 j 08:39	4°♓35'13	
evening max el	-60 Feb 22 j 18:01	19°♓40'34	18°38'51
retrograde	-60 Mar 01 j 14:50	23°♓30'39	
evening set	-60 Mar 03 j 23:07	23°♓11'25	
inferior conj	-60 Mar 11 j 14:59	18°♓45'45	2°51'38
minimum elong	-60 Mar 11 j 19:12	18°♓37'41	2°50'39
min. Earth dist.	-60 Mar 14 j 23:59	16°♓12'19	0.57927 AU
morning rise	-60 Mar 19 j 11:11	13°♓28'09	
desc. node	-60 Mar 23 j 01:05	12°♓17'08	
direct	-60 Mar 25 j 05:37	12°♓05'03	
morning max el	-60 Apr 08 j 14:09	19°♓39'13	26°25'17
	-60 Apr 17 j 09:20	0°♈	
	-60 May 05 j 00:09	0°♉	
morning set	-60 May 07 j 11:59	5°♉08'26	
asc. node	-60 May 10 j 07:56	11°♉10'33	
superior conj	-60 May 14 j 13:18	20°♉24'11	0°43'22
minimum elong	-60 May 14 j 11:32	20°♉14'25	0°43'01
max. Earth dist.	-60 May 14 j 20:47	21°♉05'13	1.32427 AU
	-60 May 18 j 23:02	0°♊	
evening rise	-60 May 21 j 13:32	5°♊31'10	
	-60 Jun 03 j 14:43	0°♋	
desc. node	-60 Jun 19 j 00:24	20°♋55'22	
evening max el	-60 Jun 20 j 20:58	22°♋46'28	26°49'50
	-60 Jul 03 j 19:57	0°♌	
retrograde	-60 Jul 04 j 20:07	0°♌02'37	
	-60 Jul 05 j 20:07	30°℞♋	
evening set	-60 Jul 11 j 16:47	27°♋59'23	
min. Earth dist.	-60 Jul 15 j 10:41	25°♋20'41	0.60611 AU
inferior conj	-60 Jul 18 j 17:24	22°♋36'11	-4°-33'-28
minimum elong	-60 Jul 18 j 20:36	22°♋29'27	4°33'08
morning rise	-60 Jul 26 j 03:35	17°♋50'40	
direct	-60 Jul 28 j 13:55	17°♋27'46	
morning max el	-60 Aug 04 j 20:10	21°♋01'22	18°06'45
asc. node	-60 Aug 06 j 07:09	22°♋33'10	
	-60 Aug 11 j 15:49	0°♌	
morning set	-60 Aug 20 j 16:45	16°♌06'36	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-60 Aug 28 j 04:44	0°♍	
superior conj	-60 Aug 30 j 13:17	4°♍14'48	1°30'34
minimum elong	-60 Aug 30 j 17:14	4°♍32'25	1°30'14
max. Earth dist.	-60 Sep 07 j 04:13	17°♍27'16	1.41539 AU
evening rise	-60 Sep 12 j 16:01	26°♍29'10	
desc. node	-60 Sep 14 j 23:45	0°♎11'41	
	-60 Sep 14 j 20:48	0°♎	
	-60 Oct 05 j 04:56	0°♏	
greatest brilliancy	-60 Oct 11 j 04:20	7°♏41'40	-0.3m
evening max el	-60 Oct 16 j 02:01	13°♏11'27	22°41'11
retrograde	-60 Oct 25 j 22:46	19°♏03'16	
evening set	-60 Oct 30 j 13:53	17°♏11'15	
asc. node	-60 Nov 02 j 06:21	14°♏24'24	
inferior conj	-60 Nov 04 j 23:13	10°♏48'50	0°55'17
minimum elong	-60 Nov 04 j 21:57	10°♏53'10	0°54'45
min. Earth dist.	-60 Nov 04 j 19:15	11°♏02'30	0.67668 AU
morning rise	-60 Nov 10 j 05:57	4°♏35'31	
direct	-60 Nov 14 j 16:33	2°♏48'32	
morning max el	-60 Nov 23 j 20:39	8°♏13'05	21°58'01
greatest brilliancy	-60 Nov 28 j 14:57	13°♏35'56	-0.4m
	-60 Dec 10 j 15:54	0°♐	
desc. node	-60 Dec 11 j 22:58	1°♐53'29	
morning set	-60 Dec 26 j 10:03	24°♐05'47	
	-60 Dec 30 j 01:22	0°♑	
max. Earth dist.	-59 Jan 01 j 11:50	4°♑02'02	1.41306 AU
superior conj	-59 Jan 09 j 05:03	17°♑16'59	-2°-1'-48
minimum elong	-59 Jan 09 j 05:21	17°♑18'19	2°01'49
	-59 Jan 16 j 06:02	0°♒	
evening rise	-59 Jan 19 j 18:37	6°♒31'14	
asc. node	-59 Jan 29 j 05:40	23°♒22'12	
	-59 Feb 02 j 20:02	0°♓	
evening max el	-59 Feb 05 j 01:51	2°♓29'25	18°13'38
retrograde	-59 Feb 12 j 01:25	5°♓59'32	
evening set	-59 Feb 14 j 14:22	5°♓32'33	
inferior conj	-59 Feb 21 j 14:02	0°♓45'41	3°35'15
minimum elong	-59 Feb 21 j 16:30	0°♓40'13	3°34'56
	-59 Feb 22 j 10:29	30°♑♒	
min. Earth dist.	-59 Feb 24 j 22:37	27°♒48'02	0.59993 AU
morning rise	-59 Feb 28 j 15:16	25°♒05'11	
direct	-59 Mar 07 j 05:23	23°♒04'09	
desc. node	-59 Mar 09 j 22:07	23°♒23'32	
	-59 Mar 20 j 14:55	0°♓	
morning max el	-59 Mar 21 j 12:07	0°♓50'56	27°23'56
	-59 Apr 11 j 11:06	0°♈	
morning set	-59 Apr 21 j 20:18	19°♈54'05	
	-59 Apr 26 j 14:08	0°♉	
asc. node	-59 Apr 27 j 04:58	1°♉20'48	
max. Earth dist.	-59 Apr 28 j 09:23	3°♉56'02	1.32341 AU
superior conj	-59 Apr 29 j 00:55	5°♉21'15	0°19'17
minimum elong	-59 Apr 29 j 00:04	5°♉16'32	0°19'07
evening rise	-59 May 05 j 23:22	20°♉23'47	
	-59 May 10 j 16:25	0°♊	
	-59 May 29 j 18:17	0°♋	
evening max el	-59 Jun 02 j 18:07	4°♋13'33	25°46'32
desc. node	-59 Jun 05 j 21:24	6°♋57'00	
retrograde	-59 Jun 16 j 19:29	11°♋25'32	
evening set	-59 Jun 22 j 19:05	9°♋59'55	
min. Earth dist.	-59 Jun 27 j 06:33	7°♋19'56	0.58553 AU
inferior conj	-59 Jun 30 j 13:16	4°♋57'08	-4°-44'-46
minimum elong	-59 Jun 30 j 12:54	4°♋57'50	4°44'47
morning rise	-59 Jul 08 j 10:26	0°♋34'16	
direct	-59 Jul 10 j 22:10	0°♋14'13	
morning max el	-59 Jul 19 j 02:44	4°♋07'05	18°40'06
asc. node	-59 Jul 24 j 04:12	10°♋12'53	
morning set	-59 Aug 04 j 09:33	0°♌03'06	
	-59 Aug 04 j 08:54	0°♌	
superior conj	-59 Aug 13 j 04:40	17°♌00'47	1°43'52
minimum elong	-59 Aug 13 j 06:28	17°♌09'18	1°43'47
	-59 Aug 20 j 07:43	0°♍	
max. Earth dist.	-59 Aug 20 j 08:14	0°♍02'16	1.39561 AU
evening rise	-59 Aug 24 j 11:49	7°♍11'44	
desc. node	-59 Sep 01 j 20:46	20°♍48'14	
	-59 Sep 07 j 21:52	0°♎	
evening max el	-59 Sep 28 j 15:09	26°♎44'00	24°01'29
	-59 Oct 02 j 06:53	0°♏	
retrograde	-59 Oct 09 j 14:28	3°♏11'02	
evening set	-59 Oct 14 j 19:36	1°♏01'05	
	-59 Oct 15 j 21:48	30°♑♎	
min. Earth dist.	-59 Oct 19 j 15:35	25°♎25'27	0.67531 AU
inferior conj	-59 Oct 20 j 05:52	24°♎37'04	0°02'08
minimum elong	-59 Oct 20 j 05:48	24°♎37'15	0°02'07
transit middle	-59 Oct 20 j 05:48	24°♎37'15	0°02'07
transit begin	-59 Oct 20 j 03:06	24°♎46'24	
transit end	-59 Oct 20 j 08:30	24°♎28'06	
asc. node	-59 Oct 20 j 03:23	24°♎45'27	
morning rise	-59 Oct 25 j 16:13	18°♎28'26	
direct	-59 Oct 29 j 13:15	17°♎03'03	
morning max el	-59 Nov 06 j 15:45	21°♎45'22	20°39'54
greatest brilliancy	-59 Nov 12 j 16:46	28°♎53'29	-0.5m
	-59 Nov 13 j 12:54	0°♏	
desc. node	-59 Nov 28 j 20:00	22°♏10'20	
	-59 Dec 03 j 22:41	0°♐	
morning set	-59 Dec 05 j 11:38	2°♐23'10	
max. Earth dist.	-59 Dec 14 j 17:23	17°♐01'24	1.43116 AU
superior conj	-59 Dec 21 j 06:39	27°♐48'02	-1°-55'-18
minimum elong	-59 Dec 21 j 02:17	27°♐29'47	1°55'06
	-59 Dec 22 j 14:05	0°♑	
evening rise	-58 Jan 02 j 10:20	18°♑47'12	
	-58 Jan 08 j 19:36	0°♒	
asc. node	-58 Jan 16 j 02:42	11°♒30'59	
evening max el	-58 Jan 19 j 13:29	15°♒37'07	18°08'04
retrograde	-58 Jan 26 j 02:38	19°♒01'59	
evening set	-58 Jan 28 j 19:58	18°♒26'00	
inferior conj	-58 Feb 04 j 06:48	13°♒17'45	3°50'14
minimum elong	-58 Feb 04 j 07:00	13°♒17'15	3°50'14
min. Earth dist.	-58 Feb 07 j 04:50	10°♒20'56	0.62070 AU
morning rise	-58 Feb 10 j 15:44	7°♒22'44	
direct	-58 Feb 17 j 14:58	4°♒51'09	
desc. node	-58 Feb 24 j 19:09	7°♒09'06	
morning max el	-58 Mar 03 j 16:01	12°♒42'47	27°47'03
	-58 Mar 17 j 10:50	0°♓	
	-58 Apr 03 j 19:30	0°♈	
morning set	-58 Apr 05 j 23:53	4°♈22'42	
max. Earth dist.	-58 Apr 11 j 19:17	16°♈35'04	1.32628 AU
superior conj	-58 Apr 13 j 11:00	20°♈10'12	0°-6'-37
minimum elong	-58 Apr 13 j 11:19	20°♈11'53	0°06'33
behind sun begin	-58 Apr 13 j 06:37	19°♈46'18	
behind sun end	-58 Apr 13 j 16:02	20°♈37'29	
asc. node	-58 Apr 14 j 02:01	21°♈31'48	
	-58 Apr 17 j 23:28	0°♉	
evening rise	-58 Apr 20 j 10:59	5°♉18'30	
	-58 May 03 j 15:30	0°♊	
evening max el	-58 May 15 j 09:52	15°♊03'20	24°20'22
desc. node	-58 May 23 j 18:23	20°♊53'34	
retrograde	-58 May 29 j 07:15	22°♊03'24	
evening set	-58 Jun 02 j 22:44	21°♊15'13	
min. Earth dist.	-58 Jun 08 j 21:12	18°♊17'41	0.56712 AU
inferior conj	-58 Jun 11 j 13:14	16°♊36'29	-4°-21'-27

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-58 Jun 11 j 08:09	16°♊44'34	4°20'42
morning rise	-58 Jun 19 j 21:19	12°♊33'09	
direct	-58 Jun 22 j 11:58	12°♊14'45	
morning max el	-58 Jul 02 j 00:26	16°♊39'56	19°34'28
asc. node	-58 Jul 11 j 01:15	28°♊39'47	
	-58 Jul 11 j 20:05	0°♋	
morning set	-58 Jul 19 j 10:41	14°♋25'56	
	-58 Jul 27 j 04:48	0°♌	
superior conj	-58 Jul 27 j 12:06	0°♌36'01	1°47'07
minimum elong	-58 Jul 27 j 11:56	0°♌35'10	1°47'06
max. Earth dist.	-58 Aug 02 j 11:44	12°♌04'28	1.37575 AU
evening rise	-58 Aug 06 j 08:06	19°♌04'47	
	-58 Aug 12 j 16:38	0°♍	
desc. node	-58 Aug 19 j 17:47	11°♍13'27	
	-58 Sep 02 j 01:43	0°♎	
evening max el	-58 Sep 11 j 02:52	10°♎20'43	25°17'35
retrograde	-58 Sep 23 j 01:48	17°♎14'39	
evening set	-58 Sep 28 j 21:47	14°♎47'56	
min. Earth dist.	-58 Oct 03 j 09:23	9°♎47'41	0.67079 AU
inferior conj	-58 Oct 04 j 10:22	8°♎26'27	0°-53'-19
minimum elong	-58 Oct 04 j 11:42	8°♎22'06	0°52'45
asc. node	-58 Oct 07 j 00:26	5°♎13'56	
morning rise	-58 Oct 10 j 02:12	2°♎25'30	
direct	-58 Oct 13 j 11:33	1°♎19'02	
morning max el	-58 Oct 20 j 18:35	5°♎28'00	19°34'33
greatest brilliancy	-58 Oct 29 j 08:03	16°♎19'05	-0.7m
	-58 Nov 07 j 11:49	0°♏	
morning set	-58 Nov 14 j 09:52	10°♏39'47	
desc. node	-58 Nov 15 j 17:03	12°♏40'42	
	-58 Nov 26 j 18:32	0°♐	
max. Earth dist.	-58 Nov 27 j 06:30	0°♐47'24	1.44400 AU
superior conj	-58 Dec 01 j 05:27	7°♐05'55	-1°-30'-55
minimum elong	-58 Nov 30 j 21:20	6°♐33'21	1°30'10
evening rise	-58 Dec 15 j 06:22	0°♑10'10	
	-58 Dec 15 j 03:57	0°♑	
asc. node	-57 Jan 02 j 23:43	28°♑50'32	
evening max el	-57 Jan 03 j 02:01	28°♑56'24	18°21'26
	-57 Jan 04 j 04:54	0°♒	
retrograde	-57 Jan 09 j 14:13	2°♒28'48	
evening set	-57 Jan 12 j 12:10	1°♒42'53	
	-57 Jan 14 j 22:28	30°℞♑	
inferior conj	-57 Jan 18 j 13:22	26°♑14'35	3°44'13
minimum elong	-57 Jan 18 j 11:50	26°♑18'57	3°44'05
min. Earth dist.	-57 Jan 20 j 20:29	23°♑38'41	0.63913 AU
morning rise	-57 Jan 24 j 10:00	20°♑10'16	
direct	-57 Jan 31 j 08:17	17°♑22'07	
desc. node	-57 Feb 11 j 16:12	23°♑00'03	
morning max el	-57 Feb 14 j 00:11	25°♑11'54	27°33'37
	-57 Feb 18 j 10:05	0°♒	
	-57 Mar 10 j 21:27	0°♓	
morning set	-57 Mar 20 j 20:14	18°♓25'53	
max. Earth dist.	-57 Mar 25 j 22:36	28°♓49'28	1.33324 AU
	-57 Mar 26 j 12:03	0°♈	
superior conj	-57 Mar 28 j 17:45	4°♈44'37	0°-33'-24
minimum elong	-57 Mar 28 j 19:22	4°♈53'12	0°33'06
asc. node	-57 Mar 31 j 23:03	11°♈39'13	
evening rise	-57 Apr 04 j 22:34	20°♈08'33	
	-57 Apr 09 j 18:57	0°♉	
evening max el	-57 Apr 27 j 01:07	25°♉37'28	22°44'59
	-57 May 02 j 17:11	0°♊	
retrograde	-57 May 10 j 06:11	2°♊09'58	
desc. node	-57 May 10 j 15:25	2°♊09'38	
evening set	-57 May 13 j 12:15	1°♊46'48	
	-57 May 18 j 06:37	30°℞♉	
min. Earth dist.	-57 May 21 j 09:42	28°♉19'09	0.55428 AU
inferior conj	-57 May 22 j 18:21	27°♉32'24	-3°-13'-15
minimum elong	-57 May 22 j 11:06	27°♉42'48	3°11'18
morning rise	-57 May 31 j 12:38	23°♉39'06	
direct	-57 Jun 03 j 07:50	23°♉20'50	
morning max el	-57 Jun 14 j 11:15	28°♉31'20	20°49'26
	-57 Jun 15 j 23:12	0°♊	
asc. node	-57 Jun 27 j 22:19	17°♊41'49	
morning set	-57 Jul 03 j 17:24	29°♊06'41	
	-57 Jul 04 j 03:47	0°♋	
superior conj	-57 Jul 11 j 06:55	14°♋46'15	1°42'25
minimum elong	-57 Jul 11 j 05:20	14°♋38'11	1°42'20
max. Earth dist.	-57 Jul 15 j 20:06	23°♋54'45	1.35794 AU
	-57 Jul 18 j 23:48	0°♌	
evening rise	-57 Jul 20 j 00:41	1°♌57'04	
	-57 Aug 05 j 17:06	0°♍	
desc. node	-57 Aug 06 j 14:47	1°♍20'48	
evening max el	-57 Aug 24 j 14:33	23°♍57'05	26°21'53
	-57 Sep 01 j 17:31	0°♎	
retrograde	-57 Sep 06 j 08:13	1°♎08'07	
	-57 Sep 10 j 13:55	30°℞♍	
evening set	-57 Sep 12 j 18:29	28°♍28'31	
min. Earth dist.	-57 Sep 16 j 22:12	24°♍05'38	0.66286 AU
inferior conj	-57 Sep 18 j 10:51	22°♍13'31	-1°-49'-29
minimum elong	-57 Sep 18 j 13:38	22°♍05'00	1°48'23
asc. node	-57 Sep 23 j 21:30	16°♍42'11	
morning rise	-57 Sep 24 j 09:49	16°♍23'24	
direct	-57 Sep 27 j 09:41	15°♍32'27	
morning max el	-57 Oct 04 j 04:11	19°♍18'03	18°44'24
	-57 Oct 12 j 09:17	0°♎	
morning set	-57 Oct 25 j 03:52	20°♎00'06	
	-57 Oct 31 j 11:23	0°♏	
desc. node	-57 Nov 02 j 14:06	3°♏20'01	
superior conj	-57 Nov 10 j 08:39	15°♏33'39	0°-49'-32
minimum elong	-57 Nov 10 j 02:22	15°♏08'58	0°48'45
max. Earth dist.	-57 Nov 10 j 00:16	15°♏00'41	1.44997 AU
	-57 Nov 19 j 12:09	0°♐	
evening rise	-57 Nov 26 j 03:15	10°♐34'43	
	-57 Dec 08 j 08:15	0°♑	
evening max el	-57 Dec 17 j 12:53	12°♑21'40	18°52'50
asc. node	-57 Dec 20 j 20:45	15°♑07'12	
retrograde	-57 Dec 24 j 08:08	16°♑12'21	
evening set	-57 Dec 27 j 11:45	15°♑15'16	
inferior conj	-56 Jan 02 j 06:02	9°♑29'28	3°23'09
minimum elong	-56 Jan 02 j 03:31	9°♑37'16	3°22'40
min. Earth dist.	-56 Jan 03 j 21:52	7°♑26'26	0.65398 AU
morning rise	-56 Jan 07 j 18:17	3°♑18'59	
direct	-56 Jan 14 j 08:16	0°♑28'50	
morning max el	-56 Jan 27 j 10:03	8°♑07'51	26°48'10
desc. node	-56 Jan 29 j 13:16	10°♑21'58	
	-56 Feb 13 j 11:48	0°♒	
	-56 Mar 02 j 06:06	0°♓	
morning set	-56 Mar 03 j 06:03	1°♓53'33	
max. Earth dist.	-56 Mar 07 j 15:47	10°♓30'58	1.34457 AU
superior conj	-56 Mar 11 j 19:04	18°♓58'06	0°-59'-58
minimum elong	-56 Mar 11 j 21:55	19°♓12'53	0°59'29
	-56 Mar 17 j 01:15	0°♈	
asc. node	-56 Mar 17 j 20:06	1°♈38'59	
evening rise	-56 Mar 19 j 08:17	4°♈47'40	
	-56 Apr 02 j 10:56	0°♉	
evening max el	-56 Apr 07 j 23:00	6°♉26'36	21°14'45
retrograde	-56 Apr 19 j 20:30	12°♉13'16	
evening set	-56 Apr 22 j 04:51	12°♉00'32	
desc. node	-56 Apr 26 j 12:26	10°♉38'12	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-56 May 01 j 13:03	8°♉01'09	-1°-25'-54
minimum elong	-56 May 01 j 09:01	8°♉06'50	1°24'29
min. Earth dist.	-56 May 01 j 22:34	7°♉47'46	0.54991 AU
morning rise	-56 May 10 j 13:10	3°♉59'56	
direct	-56 May 13 j 18:09	3°♉37'39	
morning max el	-56 May 26 j 11:28	9°♉40'55	22°21'27
	-56 Jun 10 j 01:07	0°♊	
asc. node	-56 Jun 13 j 19:24	7°♊10'09	
morning set	-56 Jun 17 j 03:35	13°♊59'03	
superior conj	-56 Jun 24 j 09:33	29°♊20'45	1°31'31
minimum elong	-56 Jun 24 j 07:14	29°♊08'28	1°31'17
	-56 Jun 24 j 17:00	0°♋	
max. Earth dist.	-56 Jun 27 j 13:12	5°♋55'46	1.34355 AU
evening rise	-56 Jul 02 j 08:42	15°♋35'31	
	-56 Jul 10 j 03:46	0°♌	
desc. node	-56 Jul 23 j 11:47	21°♌02'23	
	-56 Jul 30 j 07:28	0°♍	
evening max el	-56 Aug 06 j 02:21	7°♍25'22	27°06'46
retrograde	-56 Aug 19 j 09:27	14°♍44'22	
evening set	-56 Aug 26 j 07:16	11°♍59'20	
min. Earth dist.	-56 Aug 30 j 03:47	8°♍13'56	0.65130 AU
inferior conj	-56 Sep 01 j 05:10	5°♍54'36	-2°-44'-17
minimum elong	-56 Sep 01 j 09:13	5°♍43'10	2°42'54
morning rise	-56 Sep 07 j 12:44	0°♍18'27	
	-56 Sep 08 j 06:31	30°℞♌	
asc. node	-56 Sep 09 j 18:35	29°♌40'25	
direct	-56 Sep 10 j 05:30	29°♌39'18	
	-56 Sep 12 j 04:47	0°♍	
morning max el	-56 Sep 16 j 18:15	3°♍10'51	18°10'43
	-56 Oct 04 j 15:37	0°♎	
morning set	-56 Oct 05 j 02:27	0°♎44'53	
desc. node	-56 Oct 19 j 11:07	24°♎04'33	
superior conj	-56 Oct 19 j 12:05	24°♎08'26	0°00'-15
minimum elong	-56 Oct 19 j 12:03	24°♎08'18	0°00'16
behind sun begin	-56 Oct 19 j 01:12	23°♎25'06	
behind sun end	-56 Oct 19 j 22:55	24°♎51'27	
max. Earth dist.	-56 Oct 22 j 18:57	29°♎20'33	1.44859 AU
	-56 Oct 23 j 04:58	0°♏	
evening rise	-56 Nov 05 j 01:12	20°♏03'40	
	-56 Nov 11 j 11:12	0°♐	
greatest brilliancy	-56 Nov 21 j 21:12	15°♐41'08	-0.7m
evening max el	-56 Nov 29 j 19:55	25°♐48'52	19°40'47
	-56 Dec 06 j 03:03	0°♑	
asc. node	-56 Dec 06 j 17:50	0°♑05'21	
retrograde	-56 Dec 07 j 05:10	0°♑06'36	
	-56 Dec 08 j 06:50	30°℞♐	
evening set	-56 Dec 10 j 16:06	28°♐56'41	
inferior conj	-56 Dec 16 j 05:41	22°♐56'21	2°51'04
minimum elong	-56 Dec 16 j 02:53	23°♐05'34	2°50'17
min. Earth dist.	-56 Dec 17 j 07:29	21°♐31'32	0.66500 AU
morning rise	-56 Dec 21 j 12:58	16°♐42'10	
direct	-56 Dec 27 j 14:17	14°♐01'53	
morning max el	-55 Jan 08 j 19:15	21°♐16'54	25°38'35
desc. node	-55 Jan 15 j 10:19	28°♐47'35	
	-55 Jan 16 j 09:25	0°♑	
	-55 Feb 05 j 16:52	0°♒	
morning set	-55 Feb 14 j 00:42	14°♒31'09	
max. Earth dist.	-55 Feb 17 j 20:51	21°♒40'22	1.36037 AU
	-55 Feb 22 j 03:43	0°♓	
superior conj	-55 Feb 23 j 12:12	2°♓41'51	-1°-24'-44
minimum elong	-55 Feb 23 j 15:55	3°♓00'28	1°24'13
evening rise	-55 Mar 03 j 13:57	19°♓08'11	
asc. node	-55 Mar 04 j 17:09	21°♓25'44	
	-55 Mar 09 j 02:37	0°♈	
evening max el	-55 Mar 21 j 07:48	17°♈50'05	19°59'13
retrograde	-55 Mar 31 j 12:21	22°♈43'22	
evening set	-55 Apr 02 j 14:52	22°♈31'46	
inferior conj	-55 Apr 11 j 11:26	18°♈31'47	0°32'42
minimum elong	-55 Apr 11 j 12:52	18°♈29'35	0°32'12
desc. node	-55 Apr 13 j 09:29	17°♈21'56	
min. Earth dist.	-55 Apr 13 j 12:42	17°♈17'06	0.55513 AU
morning rise	-55 Apr 20 j 07:55	14°♈04'21	
direct	-55 Apr 24 j 08:57	13°♈28'21	
morning max el	-55 May 08 j 04:08	20°♈19'06	24°02'07
	-55 May 16 j 09:31	0°♉	
asc. node	-55 May 31 j 16:27	26°♉57'10	
morning set	-55 Jun 01 j 15:23	28°♉57'00	
	-55 Jun 02 j 03:20	0°♊	
superior conj	-55 Jun 08 j 17:16	14°♊10'27	1°15'45
minimum elong	-55 Jun 08 j 14:47	13°♊57'01	1°15'23
max. Earth dist.	-55 Jun 10 j 15:27	18°♊18'31	1.33306 AU
evening rise	-55 Jun 16 j 03:51	29°♊47'32	
	-55 Jun 16 j 06:20	0°♋	
	-55 Jul 03 j 05:16	0°♌	
desc. node	-55 Jul 10 j 08:48	10°♌07'18	
evening max el	-55 Jul 19 j 13:04	20°♌34'38	27°25'23
retrograde	-55 Aug 02 j 04:53	27°♌54'36	
evening set	-55 Aug 09 j 09:08	25°♌15'23	
min. Earth dist.	-55 Aug 13 j 00:18	22°♌03'52	0.63607 AU
inferior conj	-55 Aug 15 j 14:47	19°♌24'27	-3°-34'-46
minimum elong	-55 Aug 15 j 19:32	19°♌12'18	3°33'29
morning rise	-55 Aug 22 j 08:07	14°♌05'26	
direct	-55 Aug 24 j 20:20	13°♌34'40	
asc. node	-55 Aug 27 j 15:39	14°♌13'38	
morning max el	-55 Aug 31 j 10:02	17°♌00'23	17°54'30
	-55 Sep 09 j 16:41	0°♍	
morning set	-55 Sep 17 j 02:58	12°♍44'50	
	-55 Sep 27 j 05:21	0°♎	
superior conj	-55 Sep 29 j 11:43	3°♎45'24	0°44'29
minimum elong	-55 Sep 29 j 16:04	4°♎03'18	0°43'55
max. Earth dist.	-55 Oct 05 j 11:39	13°♎29'46	1.44016 AU
desc. node	-55 Oct 06 j 08:09	14°♎51'41	
evening rise	-55 Oct 15 j 09:10	29°♎01'35	
	-55 Oct 16 j 00:20	0°♏	
	-55 Nov 05 j 07:40	0°♐	
greatest brilliancy	-55 Nov 07 j 02:31	2°♐23'17	-0.5m
evening max el	-55 Nov 12 j 21:44	9°♐17'22	20°42'56
retrograde	-55 Nov 21 j 02:47	14°♐08'42	
asc. node	-55 Nov 23 j 14:53	13°♐33'06	
evening set	-55 Nov 24 j 23:06	12°♐43'53	
inferior conj	-55 Nov 30 j 09:50	6°♐32'19	2°10'45
minimum elong	-55 Nov 30 j 07:18	6°♐40'57	2°09'52
min. Earth dist.	-55 Nov 30 j 23:11	5°♐46'46	0.67232 AU
morning rise	-55 Dec 05 j 15:02	0°♐16'42	
	-55 Dec 05 j 22:47	30°℞♏	
direct	-55 Dec 11 j 01:32	27°♏54'25	
	-55 Dec 16 j 20:19	0°♐	
morning max el	-55 Dec 22 j 03:33	4°♐31'13	24°14'45
desc. node	-54 Jan 02 j 07:22	17°♐58'44	
	-54 Jan 10 j 18:05	0°♑	
morning set	-54 Jan 26 j 22:23	26°♑02'30	
	-54 Jan 29 j 04:33	0°♒	
max. Earth dist.	-54 Jan 30 j 17:02	2°♒42'53	1.37997 AU
superior conj	-54 Feb 06 j 17:47	15°♒46'59	-1°-45'-25
minimum elong	-54 Feb 06 j 21:30	16°♒04'49	1°45'05
	-54 Feb 14 j 00:04	0°♓	
evening rise	-54 Feb 15 j 13:13	3°♓03'35	
asc. node	-54 Feb 19 j 14:11	10°♓54'16	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-54 Mar 04 j 03:33	29°♓51'37	19°02'29
	-54 Mar 04 j 07:04	0°♈	
retrograde	-54 Mar 12 j 17:37	3°♈59'53	
evening set	-54 Mar 14 j 23:18	3°♈44'13	
	-54 Mar 22 j 08:29	30°℞♓	
inferior conj	-54 Mar 23 j 01:44	29°♓30'06	2°10'48
minimum elong	-54 Mar 23 j 06:00	29°♓22'40	2°09'34
min. Earth dist.	-54 Mar 26 j 04:25	27°♓20'52	0.56879 AU
morning rise	-54 Mar 31 j 08:33	24°♓30'00	
desc. node	-54 Mar 31 j 06:31	24°♓32'02	
direct	-54 Apr 05 j 12:30	23°♓27'00	
	-54 Apr 18 j 21:50	0°♈	
morning max el	-54 Apr 19 j 18:47	0°♈49'17	25°38'10
	-54 May 10 j 03:29	0°♉	
morning set	-54 May 17 j 03:08	13°♉54'53	
asc. node	-54 May 18 j 13:28	16°♉57'01	
superior conj	-54 May 24 j 03:53	29°♉07'58	0°56'07
minimum elong	-54 May 24 j 01:44	28°♉56'10	0°55'43
	-54 May 24 j 13:24	0°♊	
max. Earth dist.	-54 May 25 j 00:39	1°♊01'22	1.32645 AU
evening rise	-54 May 31 j 06:44	14°♊22'20	
	-54 Jun 08 j 07:37	0°♋	
desc. node	-54 Jun 27 j 05:50	28°♋19'42	
	-54 Jun 28 j 17:30	0°♌	
evening max el	-54 Jul 01 j 20:24	3°♌11'38	27°12'26
retrograde	-54 Jul 15 j 17:28	10°♌28'44	
evening set	-54 Jul 22 j 19:59	8°♌08'49	
min. Earth dist.	-54 Jul 26 j 10:31	5°♌22'08	0.61769 AU
inferior conj	-54 Jul 29 j 12:32	2°♌34'54	-4°-16'-21
minimum elong	-54 Jul 29 j 16:49	2°♌25'09	4°15'36
	-54 Aug 01 j 12:48	30°℞♋	
morning rise	-54 Aug 05 j 16:24	27°♋36'05	
direct	-54 Aug 08 j 02:46	27°♋10'51	
	-54 Aug 14 j 07:51	0°♌	
asc. node	-54 Aug 14 j 12:42	0°♌10'55	
morning max el	-54 Aug 15 j 00:34	0°♌39'00	17°56'41
morning set	-54 Aug 30 j 23:13	25°♌41'17	
	-54 Sep 02 j 08:07	0°♍	
superior conj	-54 Sep 10 j 14:39	14°♍42'46	1°17'30
minimum elong	-54 Sep 10 j 19:28	15°♍03'35	1°17'00
max. Earth dist.	-54 Sep 18 j 00:16	27°♍12'26	1.42576 AU
	-54 Sep 19 j 17:15	0°♎	
desc. node	-54 Sep 23 j 05:11	5°♎37'26	
evening rise	-54 Sep 24 j 20:09	8°♎11'35	
	-54 Oct 09 j 06:01	0°♏	
greatest brilliancy	-54 Oct 21 j 23:27	17°♏22'03	-0.4m
evening max el	-54 Oct 26 j 17:49	22°♏46'31	21°56'01
retrograde	-54 Nov 04 j 23:08	28°♏15'27	
evening set	-54 Nov 09 j 06:54	26°♏33'44	
asc. node	-54 Nov 10 j 11:55	25°♏28'23	
inferior conj	-54 Nov 14 j 16:21	20°♏14'21	1°24'14
minimum elong	-54 Nov 14 j 14:32	20°♏20'40	1°23'30
min. Earth dist.	-54 Nov 14 j 18:29	20°♏06'59	0.67612 AU
morning rise	-54 Nov 19 j 21:55	13°♏59'40	
direct	-54 Nov 24 j 17:09	11°♏59'28	
morning max el	-54 Dec 04 j 13:28	17°♏49'57	22°46'52
greatest brilliancy	-54 Dec 09 j 05:25	23°♏03'00	-0.3m
	-54 Dec 14 j 15:27	0°♐	
desc. node	-54 Dec 20 j 04:25	7°♐42'09	
	-53 Jan 03 j 21:13	0°♑	
morning set	-53 Jan 07 j 16:58	6°♑12'25	
max. Earth dist.	-53 Jan 12 j 12:40	14°♑17'59	1.40126 AU
superior conj	-53 Jan 20 j 07:22	28°♑02'12	-1°-58'-54
minimum elong	-53 Jan 20 j 09:32	28°♑12'03	1°58'50
	-53 Jan 21 j 09:08	0°♒	
evening rise	-53 Jan 30 j 03:10	16°♒26'50	
asc. node	-53 Feb 06 j 11:12	29°♒58'23	
	-53 Feb 06 j 11:35	0°♓	
evening max el	-53 Feb 15 j 07:49	12°♓25'19	18°25'43
retrograde	-53 Feb 22 j 17:56	16°♓04'44	
evening set	-53 Feb 25 j 04:27	15°♓42'13	
inferior conj	-53 Mar 04 j 12:59	11°♓07'31	3°14'08
minimum elong	-53 Mar 04 j 16:37	11°♓00'05	3°13'27
min. Earth dist.	-53 Mar 07 j 23:24	8°♓20'58	0.58785 AU
morning rise	-53 Mar 12 j 01:02	5°♓39'24	
direct	-53 Mar 18 j 05:09	4°♓00'05	
desc. node	-53 Mar 18 j 03:33	4°♓00'06	
morning max el	-53 Apr 01 j 13:09	11°♓39'51	26°54'20
	-53 Apr 15 j 20:11	0°♈	
morning set	-53 May 01 j 13:15	28°♈47'12	
	-53 May 02 j 03:08	0°♉	
asc. node	-53 May 05 j 10:30	7°♉04'58	
superior conj	-53 May 08 j 15:38	14°♉07'07	0°33'27
minimum elong	-53 May 08 j 14:12	13°♉59'16	0°33'09
max. Earth dist.	-53 May 08 j 13:19	13°♉54'23	1.32348 AU
evening rise	-53 May 15 j 14:42	29°♉11'07	
	-53 May 16 j 00:02	0°♊	
	-53 Jun 01 j 15:57	0°♋	
evening max el	-53 Jun 13 j 21:42	15°♋05'44	26°26'27
desc. node	-53 Jun 14 j 02:49	15°♋17'50	
retrograde	-53 Jun 27 j 21:47	22°♋19'33	
evening set	-53 Jul 04 j 11:18	20°♋31'35	
min. Earth dist.	-53 Jul 08 j 10:48	17°♋54'41	0.59738 AU
inferior conj	-53 Jul 11 j 18:54	15°♋17'05	-4°-41'-41
minimum elong	-53 Jul 11 j 20:51	15°♋13'15	4°41'34
morning rise	-53 Jul 19 j 09:43	10°♋41'01	
direct	-53 Jul 21 j 20:36	10°♋19'21	
morning max el	-53 Jul 29 j 10:54	13°♋59'23	18°18'22
asc. node	-53 Aug 01 j 09:44	17°♋17'41	
	-53 Aug 09 j 09:57	0°♌	
morning set	-53 Aug 14 j 09:47	9°♌19'28	
superior conj	-53 Aug 23 j 18:23	26°♌53'56	1°37'35
minimum elong	-53 Aug 23 j 21:28	27°♌07'58	1°37'22
	-53 Aug 25 j 11:25	0°♍	
max. Earth dist.	-53 Aug 31 j 07:31	10°♍15'05	1.40725 AU
evening rise	-53 Sep 05 j 01:50	18°♍14'16	
desc. node	-53 Sep 10 j 02:12	26°♍18'25	
	-53 Sep 12 j 10:57	0°♎	
	-53 Oct 03 j 18:28	0°♏	
evening max el	-53 Oct 09 j 08:55	6°♏17'08	23°15'19
retrograde	-53 Oct 19 j 16:49	12°♏24'03	
evening set	-53 Oct 24 j 13:53	10°♏24'11	
asc. node	-53 Oct 28 j 08:57	6°♏11'24	
inferior conj	-53 Oct 29 j 23:27	4°♏00'44	0°33'05
minimum elong	-53 Oct 29 j 22:41	4°♏03'23	0°32'45
min. Earth dist.	-53 Oct 29 j 15:04	4°♏29'32	0.67657 AU
	-53 Nov 02 j 01:52	30°℞♎	
morning rise	-53 Nov 04 j 07:32	27°♎49'19	
direct	-53 Nov 08 j 12:11	26°♎11'50	
	-53 Nov 15 j 20:40	0°♏	
morning max el	-53 Nov 17 j 04:36	1°♏16'56	21°23'26
greatest brilliancy	-53 Nov 22 j 08:27	7°♏12'01	-0.4m
desc. node	-53 Dec 07 j 01:28	27°♏48'44	
	-53 Dec 08 j 12:34	0°♐	
morning set	-53 Dec 18 j 06:55	15°♐01'49	
max. Earth dist.	-53 Dec 25 j 14:19	26°♐47'54	1.42131 AU
	-53 Dec 27 j 12:45	0°♑	
superior conj	-52 Jan 01 j 23:34	9°♑14'16	-2°-1'-1

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-52 Jan 01 j 22:02	9°♉07'41	2°01'01
evening rise	-52 Jan 13 j 04:13	29°♉10'01	
	-52 Jan 13 j 15:13	0°♒	
asc. node	-52 Jan 24 j 08:14	18°♒30'02	
evening max el	-52 Jan 29 j 17:33	25°♒22'28	18°08'52
retrograde	-52 Feb 05 j 11:29	28°♒48'55	
evening set	-52 Feb 08 j 02:18	28°♒18'12	
inferior conj	-52 Feb 14 j 20:02	23°♒21'48	3°44'39
minimum elong	-52 Feb 14 j 21:30	23°♒18'19	3°44'33
min. Earth dist.	-52 Feb 18 j 00:48	20°♒21'50	0.60886 AU
morning rise	-52 Feb 21 j 13:51	17°♒34'10	
direct	-52 Feb 28 j 09:00	15°♒19'06	
desc. node	-52 Mar 04 j 00:36	16°♒17'01	
morning max el	-52 Mar 13 j 13:54	23°♒08'28	27°38'32
	-52 Mar 19 j 17:03	0°♓	
	-52 Apr 07 j 23:19	0°♈	
morning set	-52 Apr 14 j 19:50	13°♈26'19	
max. Earth dist.	-52 Apr 21 j 01:24	26°♈42'20	1.32414 AU
asc. node	-52 Apr 21 j 07:31	27°♈15'42	
superior conj	-52 Apr 22 j 02:47	29°♈00'56	0°08'30
minimum elong	-52 Apr 22 j 02:24	28°♈58'48	0°08'24
behind sun begin	-52 Apr 21 j 22:05	28°♈35'12	
behind sun end	-52 Apr 22 j 06:42	29°♈22'25	
	-52 Apr 22 j 13:35	0°♉	
evening rise	-52 Apr 29 j 01:30	14°♉05'03	
	-52 May 07 j 02:08	0°♊	
evening max el	-52 May 25 j 15:58	26°♊14'01	25°11'54
	-52 May 30 j 05:19	0°♋	
desc. node	-52 May 30 j 23:50	0°♋30'43	
retrograde	-52 Jun 08 j 16:24	3°♋22'35	
evening set	-52 Jun 14 j 03:38	2°♋13'21	
	-52 Jun 18 j 07:47	30°℞♊	
min. Earth dist.	-52 Jun 19 j 03:40	29°♊27'55	0.57727 AU
inferior conj	-52 Jun 22 j 06:25	27°♊20'27	-4°-39'-52
minimum elong	-52 Jun 22 j 04:02	27°♊24'34	4°39'43
morning rise	-52 Jun 30 j 08:18	23°♊06'58	
direct	-52 Jul 02 j 21:16	22°♊47'43	
morning max el	-52 Jul 11 j 14:03	26°♊52'06	19°00'42
	-52 Jul 14 j 11:25	0°♋	
asc. node	-52 Jul 18 j 06:47	5°♋18'35	
morning set	-52 Jul 28 j 06:31	23°♋28'00	
	-52 Jul 31 j 13:49	0°♌	
superior conj	-52 Aug 05 j 17:17	10°♌02'51	1°46'20
minimum elong	-52 Aug 05 j 18:12	10°♌07'14	1°46'18
max. Earth dist.	-52 Aug 12 j 10:40	22°♌33'58	1.38704 AU
evening rise	-52 Aug 16 j 08:18	29°♌26'58	
	-52 Aug 16 j 15:58	0°♍	
desc. node	-52 Aug 26 j 23:12	16°♍50'34	
	-52 Sep 04 j 20:15	0°♎	
evening max el	-52 Sep 20 j 21:01	19°♎50'52	24°34'43
retrograde	-52 Oct 02 j 06:51	26°♎30'55	
evening set	-52 Oct 07 j 18:22	24°♎13'14	
min. Earth dist.	-52 Oct 12 j 10:35	18°♎52'33	0.67379 AU
inferior conj	-52 Oct 13 j 05:26	17°♎49'38	0°-21'-12
minimum elong	-52 Oct 13 j 05:57	17°♎47'54	0°21'00
asc. node	-52 Oct 14 j 06:00	16°♎28'20	
morning rise	-52 Oct 18 j 17:56	11°♎44'07	
direct	-52 Oct 22 j 09:38	10°♎27'23	
morning max el	-52 Oct 30 j 03:11	14°♎54'25	20°10'22
greatest brilliancy	-52 Nov 06 j 00:50	23°♎16'21	-0.6m
	-52 Nov 10 j 19:29	0°♏	
desc. node	-52 Nov 22 j 22:30	18°♏11'51	
morning set	-52 Nov 26 j 03:59	23°♏10'09	
	-52 Nov 30 j 13:21	0°♐	
max. Earth dist.	-52 Dec 06 j 23:22	10°♐09'17	1.43733 AU
superior conj	-52 Dec 12 j 13:42	19°♐13'23	-1°-47'-15
minimum elong	-52 Dec 12 j 07:19	18°♐47'17	1°46'50
	-52 Dec 19 j 00:57	0°♑	
evening rise	-52 Dec 25 j 12:11	11°♑04'51	
	-51 Jan 05 j 17:25	0°♒	
asc. node	-51 Jan 10 j 05:17	6°♒19'35	
evening max el	-51 Jan 12 j 05:53	8°♒35'44	18°11'28
retrograde	-51 Jan 18 j 17:46	12°♒02'46	
evening set	-51 Jan 21 j 12:51	11°♒22'50	
inferior conj	-51 Jan 27 j 19:14	6°♒05'50	3°49'51
minimum elong	-51 Jan 27 j 18:36	6°♒07'30	3°49'50
min. Earth dist.	-51 Jan 30 j 11:11	3°♒15'41	0.62886 AU
morning rise	-51 Feb 02 j 22:23	0°♒06'02	
	-51 Feb 03 j 01:34	30°℞♑	
direct	-51 Feb 09 j 22:08	27°♑25'28	
	-51 Feb 17 j 10:27	0°♒	
desc. node	-51 Feb 18 j 21:40	1°♒00'27	
morning max el	-51 Feb 23 j 20:11	5°♒18'07	27°45'40
	-51 Mar 14 j 11:54	0°♓	
morning set	-51 Mar 29 j 20:41	27°♓45'09	
	-51 Mar 30 j 23:18	0°♈	
max. Earth dist.	-51 Apr 04 j 08:57	9°♈11'50	1.32870 AU
superior conj	-51 Apr 06 j 11:40	13°♈44'03	0°-17'-55
minimum elong	-51 Apr 06 j 12:32	13°♈48'40	0°17'46
asc. node	-51 Apr 08 j 04:34	17°♈25'23	
evening rise	-51 Apr 13 j 13:19	28°♈57'58	
	-51 Apr 14 j 01:06	0°♉	
	-51 May 01 j 05:51	0°♊	
evening max el	-51 May 07 j 06:27	6°♊52'20	23°39'56
desc. node	-51 May 17 j 20:52	13°♊22'01	
retrograde	-51 May 20 j 23:10	13°♊43'51	
evening set	-51 May 24 j 23:33	13°♊08'17	
min. Earth dist.	-51 May 31 j 17:08	9°♊59'09	0.56073 AU
inferior conj	-51 Jun 02 j 21:47	8°♊39'48	-3°-58'-11
minimum elong	-51 Jun 02 j 15:13	8°♊49'45	3°56'52
morning rise	-51 Jun 11 j 10:27	4°♊42'32	
direct	-51 Jun 14 j 02:27	4°♊24'39	
morning max el	-51 Jun 24 j 07:21	9°♊07'53	20°04'02
asc. node	-51 Jul 05 j 03:50	24°♊01'05	
	-51 Jul 08 j 09:39	0°♋	
morning set	-51 Jul 12 j 10:16	7°♋58'30	
superior conj	-51 Jul 20 j 06:02	23°♋54'08	1°45'58
minimum elong	-51 Jul 20 j 05:12	23°♋49'53	1°45'57
	-51 Jul 23 j 07:59	0°♌	
max. Earth dist.	-51 Jul 25 j 15:04	4°♌25'32	1.36776 AU
evening rise	-51 Jul 29 j 13:47	11°♌46'25	
	-51 Aug 09 j 06:00	0°♍	
desc. node	-51 Aug 13 j 20:13	7°♍08'40	
	-51 Aug 31 j 00:54	0°♎	
evening max el	-51 Sep 03 j 08:28	3°♎27'29	25°46'53
retrograde	-51 Sep 15 j 16:23	10°♎30'47	
evening set	-51 Sep 21 j 18:30	7°♎57'54	
min. Earth dist.	-51 Sep 26 j 02:39	3°♎13'15	0.66778 AU
inferior conj	-51 Sep 27 j 08:29	1°♎38'23	-1°-17'-11
minimum elong	-51 Sep 27 j 10:26	1°♎32'10	1°16'23
	-51 Sep 28 j 15:54	30°℞♍	
asc. node	-51 Oct 01 j 03:04	27°♍16'36	
morning rise	-51 Oct 03 j 03:09	25°♍41'33	
direct	-51 Oct 06 j 08:05	24°♍42'17	
morning max el	-51 Oct 13 j 09:08	28°♍40'34	19°11'12
	-51 Oct 14 j 14:54	0°♎	
	-51 Nov 04 j 04:50	0°♏	
morning set	-51 Nov 05 j 08:22	1°♏47'26	
desc. node	-51 Nov 09 j 19:31	8°♏46'05	
max. Earth dist.	-51 Nov 19 j 14:17	24°♏06'57	1.44739 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-51 Nov 22 j 02:28	28°♏04'51	-1°-15'-5
minimum elong	-51 Nov 21 j 18:18	27°♏32'30	1°14'12
	-51 Nov 23 j 07:30	0°♐	
evening rise	-51 Dec 06 j 22:38	22°♐02'42	
	-51 Dec 11 j 18:29	0°♑	
evening max el	-51 Dec 26 j 18:01	21°♑57'56	18°32'43
asc. node	-51 Dec 28 j 02:22	23°♑14'02	
retrograde	-50 Jan 02 j 08:23	25°♑36'54	
evening set	-50 Jan 05 j 08:32	24°♑46'32	
inferior conj	-50 Jan 11 j 06:31	19°♑10'46	3°36'49
minimum elong	-50 Jan 11 j 04:28	19°♑16'49	3°36'32
min. Earth dist.	-50 Jan 13 j 07:11	16°♑47'30	0.64595 AU
morning rise	-50 Jan 16 j 23:07	13°♑03'27	
direct	-50 Jan 23 j 18:42	10°♑12'23	
desc. node	-50 Feb 05 j 18:43	17°♑33'20	
morning max el	-50 Feb 06 j 05:18	17°♑59'32	27°17'39
	-50 Feb 16 j 08:09	0°♒	
	-50 Mar 07 j 08:57	0°♓	
morning set	-50 Mar 13 j 13:00	11°♓34'17	
max. Earth dist.	-50 Mar 18 j 08:00	21°♓10'53	1.33747 AU
superior conj	-50 Mar 21 j 16:24	28°♓10'13	0°-44'-48
minimum elong	-50 Mar 21 j 18:33	28°♓21'36	0°44'23
	-50 Mar 22 j 13:08	0°♈	
asc. node	-50 Mar 26 j 01:39	7°♈29'54	
evening rise	-50 Mar 29 j 00:19	13°♈43'35	
	-50 Apr 06 j 08:08	0°♉	
evening max el	-50 Apr 18 j 23:54	17°♉29'54	22°05'21
retrograde	-50 May 01 j 17:31	23°♉44'25	
evening set	-50 May 04 j 12:04	23°♉27'23	
desc. node	-50 May 04 j 17:53	23°♉24'20	
min. Earth dist.	-50 May 13 j 05:57	19°♉42'40	0.55123 AU
inferior conj	-50 May 13 j 21:03	19°♉21'27	-2°-31'-19
minimum elong	-50 May 13 j 14:33	19°♉30'36	2°29'17
morning rise	-50 May 22 j 18:34	15°♉26'47	
direct	-50 May 25 j 16:55	15°♉07'31	
morning max el	-50 Jun 06 j 13:27	20°♉40'56	21°26'52
	-50 Jun 14 j 06:46	0°♊	
asc. node	-50 Jun 22 j 00:54	13°♊15'13	
morning set	-50 Jun 26 j 18:43	22°♊44'54	
	-50 Jun 30 j 05:56	0°♋	
superior conj	-50 Jul 04 j 04:34	8°♋15'51	1°38'28
minimum elong	-50 Jul 04 j 02:36	8°♋05'37	1°38'19
max. Earth dist.	-50 Jul 08 j 02:50	16°♋18'00	1.35133 AU
evening rise	-50 Jul 12 j 13:35	25°♋00'29	
	-50 Jul 15 j 05:34	0°♌	
desc. node	-50 Jul 31 j 17:14	27°♌06'21	
	-50 Aug 02 j 17:49	0°♍	
evening max el	-50 Aug 16 j 20:30	17°♍02'42	26°43'54
retrograde	-50 Aug 29 j 20:43	24°♍18'03	
evening set	-50 Sep 05 j 12:11	21°♍35'22	
min. Earth dist.	-50 Sep 09 j 12:49	17°♍28'15	0.65835 AU
inferior conj	-50 Sep 11 j 06:40	15°♍24'11	-2°-13'-1
minimum elong	-50 Sep 11 j 10:01	15°♍14'13	2°11'46
morning rise	-50 Sep 17 j 09:06	9°♍39'17	
asc. node	-50 Sep 18 j 00:07	9°♍21'35	
direct	-50 Sep 20 j 05:39	8°♍53'43	
morning max el	-50 Sep 26 j 20:53	12°♍32'27	18°27'57
	-50 Oct 09 j 07:34	0°♎	
morning set	-50 Oct 16 j 14:28	11°♎44'13	
desc. node	-50 Oct 27 j 16:34	29°♎28'06	
	-50 Oct 28 j 00:38	0°♏	
superior conj	-50 Nov 01 j 03:01	6°♏28'11	0°-28'-50
minimum elong	-50 Oct 31 j 23:14	6°♏13'15	0°28'21
max. Earth dist.	-50 Nov 02 j 08:47	8°♏25'13	1.45037 AU
	-50 Nov 16 j 02:19	0°♐	
evening rise	-50 Nov 17 j 09:20	2°♐02'17	
greatest brilliancy	-50 Nov 29 j 17:46	21°♐23'22	-0.7m
	-50 Dec 05 j 16:01	0°♑	
evening max el	-50 Dec 10 j 03:35	5°♑24'43	19°11'20
asc. node	-50 Dec 14 j 23:25	8°♑59'08	
retrograde	-50 Dec 17 j 03:51	9°♑25'29	
evening set	-50 Dec 20 j 10:26	8°♑23'05	
inferior conj	-50 Dec 26 j 02:29	2°♑30'54	3°10'39
minimum elong	-50 Dec 25 j 23:46	2°♑39'33	3°10'01
min. Earth dist.	-50 Dec 27 j 12:11	0°♑43'48	0.65925 AU
	-50 Dec 28 j 02:16	30°℞♐	
morning rise	-50 Dec 31 j 12:16	26°♐18'49	
direct	-49 Jan 06 j 21:25	23°♐31'30	
	-49 Jan 18 j 13:48	0°♑	
morning max el	-49 Jan 19 j 14:48	1°♑01'18	26°20'48
desc. node	-49 Jan 23 j 15:46	5°♑24'42	
	-49 Feb 10 j 08:59	0°♒	
morning set	-49 Feb 24 j 16:57	24°♒41'58	
	-49 Feb 27 j 11:45	0°♓	
max. Earth dist.	-49 Feb 28 j 19:52	2°♓36'21	1.35079 AU
superior conj	-49 Mar 05 j 14:36	12°♓12'03	-1°-10'-50
minimum elong	-49 Mar 05 j 17:53	12°♓28'52	1°10'18
asc. node	-49 Mar 12 j 22:42	27°♓24'41	
evening rise	-49 Mar 13 j 08:33	28°♓15'26	
	-49 Mar 14 j 04:57	0°♈	
evening max el	-49 Apr 01 j 02:16	28°♈32'19	20°40'29
	-49 Apr 02 j 17:28	0°♉	
retrograde	-49 Apr 12 j 06:22	3°♉55'37	
evening set	-49 Apr 14 j 10:50	3°♉44'04	
desc. node	-49 Apr 21 j 14:56	0°♉55'12	
	-49 Apr 23 j 06:10	30°℞♈	
inferior conj	-49 Apr 23 j 15:26	29°♈46'41	0°-34'-48
minimum elong	-49 Apr 23 j 13:48	29°♈49'03	0°34'13
min. Earth dist.	-49 Apr 24 j 19:06	29°♈06'59	0.55099 AU
morning rise	-49 May 02 j 15:23	25°♈36'22	
direct	-49 May 06 j 03:58	25°♈09'33	
	-49 May 17 j 15:03	0°♉	
morning max el	-49 May 19 j 09:40	1°♉34'05	23°03'57
	-49 Jun 07 j 11:34	0°♊	
asc. node	-49 Jun 08 j 21:57	2°♊52'11	
morning set	-49 Jun 11 j 05:47	7°♊40'15	
superior conj	-49 Jun 18 j 09:38	22°♊57'25	1°25'22
minimum elong	-49 Jun 18 j 07:10	22°♊44'17	1°25'04
max. Earth dist.	-49 Jun 21 j 00:15	28°♊28'56	1.33862 AU
	-49 Jun 21 j 17:41	0°♋	
evening rise	-49 Jun 26 j 02:48	8°♋54'31	
	-49 Jul 07 j 16:31	0°♌	
desc. node	-49 Jul 18 j 14:16	16°♌33'49	
	-49 Jul 29 j 21:56	0°♍	
evening max el	-49 Jul 30 j 08:16	0°♍24'55	27°18'19
retrograde	-49 Aug 12 j 19:16	7°♍44'02	
evening set	-49 Aug 19 j 20:42	5°♍00'09	
min. Earth dist.	-49 Aug 23 j 14:43	1°♍29'50	0.64529 AU
	-49 Aug 25 j 00:02	30°℞♌	
inferior conj	-49 Aug 25 j 21:36	29°♌01'09	-3°-6'-25
minimum elong	-49 Aug 26 j 02:03	28°♌49'05	3°05'02
morning rise	-49 Sep 01 j 09:11	23°♌31'44	
direct	-49 Sep 03 j 23:49	22°♌56'22	
asc. node	-49 Sep 04 j 21:09	23°♌00'30	
morning max el	-49 Sep 10 j 11:58	26°♌24'10	18°01'40
	-49 Sep 13 j 14:02	0°♍	
morning set	-49 Sep 28 j 00:48	23°♍03'21	
	-49 Oct 02 j 03:56	0°♎	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-49 Oct 11 j 13:12	15°♎24'08	0°19'52
minimum elong	-49 Oct 11 j 15:31	15°♎33'27	0°19'33
desc. node	-49 Oct 14 j 13:36	20°♎14'04	
max. Earth dist.	-49 Oct 16 j 03:33	22°♎44'51	1.44589 AU
	-49 Oct 20 j 18:06	0°♏	
evening rise	-49 Oct 27 j 23:45	11°♏14'18	
	-49 Nov 09 j 07:16	0°♐	
greatest brilliancy	-49 Nov 16 j 11:36	10°♐23'40	-0.6m
evening max el	-49 Nov 23 j 08:35	18°♐52'58	20°05'36
retrograde	-49 Dec 01 j 01:23	23°♐23'56	
asc. node	-49 Dec 01 j 20:26	23°♐20'22	
evening set	-49 Dec 04 j 16:10	22°♐07'43	
inferior conj	-49 Dec 10 j 04:19	16°♐02'05	2°34'49
minimum elong	-49 Dec 10 j 01:34	16°♐11'18	2°33'58
min. Earth dist.	-49 Dec 11 j 00:33	14°♐54'21	0.66861 AU
morning rise	-49 Dec 15 j 10:25	9°♐47'14	
direct	-49 Dec 21 j 05:35	7°♐14'09	
morning max el	-48 Jan 01 j 23:34	14°♐13'40	25°04'06
desc. node	-48 Jan 10 j 12:50	24°♐11'43	
	-48 Jan 14 j 20:49	0°♑	
	-48 Feb 03 j 04:59	0°♒	
morning set	-48 Feb 07 j 03:31	6°♒53'46	
max. Earth dist.	-48 Feb 10 j 20:56	13°♒41'09	1.36838 AU
superior conj	-48 Feb 17 j 03:20	25°♒41'05	-1°-34'-10
minimum elong	-48 Feb 17 j 07:12	26°♒00'06	1°33'42
	-48 Feb 19 j 07:33	0°♓	
evening rise	-48 Feb 25 j 11:52	12°♓26'51	
asc. node	-48 Feb 27 j 19:45	17°♓04'52	
	-48 Mar 05 j 21:35	0°♈	
evening max el	-48 Mar 13 j 15:51	10°♈12'15	19°32'35
retrograde	-48 Mar 23 j 03:04	14°♈45'04	
evening set	-48 Mar 25 j 06:25	14°♈32'09	
inferior conj	-48 Apr 02 j 19:31	10°♈26'55	1°18'10
minimum elong	-48 Apr 02 j 22:38	10°♈21'55	1°17'08
min. Earth dist.	-48 Apr 05 j 09:31	8°♈47'58	0.56005 AU
desc. node	-48 Apr 07 j 11:58	7°♈33'20	
morning rise	-48 Apr 11 j 11:15	5°♈45'53	
direct	-48 Apr 15 j 23:16	5°♈00'17	
morning max el	-48 Apr 30 j 00:49	12°♈05'50	24°44'33
	-48 May 13 j 17:56	0°♉	
morning set	-48 May 25 j 17:47	22°♉39'09	
asc. node	-48 May 25 j 19:00	22°♉45'37	
	-48 May 29 j 04:10	0°♊	
superior conj	-48 Jun 01 j 18:48	7°♊51'13	1°07'50
minimum elong	-48 Jun 01 j 16:24	7°♊38'10	1°07'27
max. Earth dist.	-48 Jun 03 j 05:59	11°♊01'52	1.32980 AU
evening rise	-48 Jun 09 j 01:36	23°♊17'10	
	-48 Jun 12 j 10:28	0°♋	
	-48 Jun 30 j 10:37	0°♌	
desc. node	-48 Jul 04 j 11:15	5°♌18'23	
evening max el	-48 Jul 11 j 17:42	13°♌21'09	27°23'48
retrograde	-48 Jul 25 j 11:42	20°♌39'56	
evening set	-48 Aug 01 j 16:39	18°♌06'53	
min. Earth dist.	-48 Aug 05 j 06:39	15°♌07'45	0.62865 AU
inferior conj	-48 Aug 08 j 02:31	12°♌23'08	-3°-53'-52
minimum elong	-48 Aug 08 j 07:16	12°♌11'34	3°52'46
morning rise	-48 Aug 15 j 00:18	7°♌12'35	
direct	-48 Aug 17 j 11:29	6°♌44'25	
asc. node	-48 Aug 21 j 18:12	8°♌10'46	
morning max el	-48 Aug 24 j 03:34	10°♌09'44	17°53'10
	-48 Sep 06 j 08:02	0°♍	
morning set	-48 Sep 09 j 10:21	5°♍28'47	
superior conj	-48 Sep 21 j 00:15	25°♍34'45	1°00'07
minimum elong	-48 Sep 21 j 05:12	25°♍55'33	0°59'30
	-48 Sep 23 j 15:51	0°♎	
max. Earth dist.	-48 Sep 27 j 18:55	6°♎45'05	1.43464 AU
desc. node	-48 Sep 30 j 10:37	11°♎00'42	
evening rise	-48 Oct 06 j 06:36	20°♎10'53	
	-48 Oct 12 j 16:31	0°♏	
greatest brilliancy	-48 Oct 31 j 02:06	26°♏15'30	-0.4m
	-48 Nov 03 j 04:01	0°♐	
evening max el	-48 Nov 05 j 07:48	2°♐21'05	21°12'54
retrograde	-48 Nov 13 j 22:46	7°♐28'31	
evening set	-48 Nov 17 j 23:43	5°♐56'34	
asc. node	-48 Nov 17 j 17:27	6°♐08'13	
inferior conj	-48 Nov 23 j 09:42	29°♏40'58	1°51'41
minimum elong	-48 Nov 23 j 07:25	29°♏48'48	1°50'50
	-48 Nov 23 j 04:10	30°℞♏	
min. Earth dist.	-48 Nov 23 j 18:04	29°♏12'07	0.67429 AU
morning rise	-48 Nov 28 j 14:46	23°♏25'25	
direct	-48 Dec 03 j 18:37	21°♏12'30	
morning max el	-48 Dec 14 j 08:20	27°♏30'29	23°37'26
	-48 Dec 16 j 16:32	0°♐	
desc. node	-48 Dec 27 j 09:52	13°♐37'52	
	-47 Jan 07 j 13:16	0°♑	
morning set	-47 Jan 18 j 14:23	17°♑52'27	
max. Earth dist.	-47 Jan 22 j 16:04	24°♑54'18	1.38896 AU
	-47 Jan 25 j 12:42	0°♒	
superior conj	-47 Jan 30 j 02:41	8°♒26'22	-1°-52'-14
minimum elong	-47 Jan 30 j 05:59	8°♒41'51	1°52'02
evening rise	-47 Feb 08 j 07:36	26°♒09'50	
	-47 Feb 10 j 07:11	0°♓	
asc. node	-47 Feb 13 j 16:47	6°♓24'04	
evening max el	-47 Feb 24 j 15:30	22°♓28'12	18°44'21
retrograde	-47 Mar 04 j 16:31	26°♓22'32	
evening set	-47 Mar 07 j 00:02	26°♓04'22	
inferior conj	-47 Mar 14 j 18:37	21°♓41'53	2°42'00
minimum elong	-47 Mar 14 j 22:56	21°♓33'48	2°40'56
min. Earth dist.	-47 Mar 18 j 02:33	19°♓13'58	0.57641 AU
morning rise	-47 Mar 22 j 17:39	16°♓28'26	
desc. node	-47 Mar 25 j 09:01	15°♓32'46	
direct	-47 Mar 28 j 08:26	15°♓10'43	
morning max el	-47 Apr 11 j 16:45	22°♓42'29	26°13'50
	-47 Apr 18 j 04:19	0°♈	
	-47 May 06 j 11:59	0°♉	
morning set	-47 May 10 j 05:03	7°♉35'23	
asc. node	-47 May 12 j 16:03	12°♉49'32	
superior conj	-47 May 17 j 06:07	22°♉50'09	0°46'50
minimum elong	-47 May 17 j 04:14	22°♉39'47	0°46'27
max. Earth dist.	-47 May 17 j 16:58	23°♉49'34	1.32470 AU
	-47 May 20 j 12:54	0°♊	
evening rise	-47 May 24 j 06:54	7°♊58'32	
	-47 Jun 04 j 21:23	0°♋	
desc. node	-47 Jun 21 j 08:16	23°♋02'17	
evening max el	-47 Jun 23 j 22:28	25°♋39'55	26°56'45
	-47 Jun 29 j 07:28	0°♌	
retrograde	-47 Jul 07 j 21:16	2°♌56'37	
evening set	-47 Jul 14 j 19:48	0°♌48'38	
	-47 Jul 16 j 01:49	30°℞♋	
min. Earth dist.	-47 Jul 18 j 12:25	28°♋08'24	0.60914 AU
inferior conj	-47 Jul 21 j 18:09	25°♋22'28	-4°-29'-42
minimum elong	-47 Jul 21 j 21:43	25°♋14'50	4°29'14
morning rise	-47 Jul 29 j 02:43	20°♋33'30	
direct	-47 Jul 31 j 12:55	20°♋10'06	
morning max el	-47 Aug 07 j 16:46	23°♋42'05	18°03'29
asc. node	-47 Aug 08 j 15:15	24°♋39'34	
	-47 Aug 12 j 18:28	0°♌	
morning set	-47 Aug 23 j 13:16	18°♌44'25	
	-47 Aug 29 j 15:42	0°♍	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-47 Sep 02 j 14:24	7°♍05'35	1°27'33
minimum elong	-47 Sep 02 j 18:37	7°♍24'15	1°27'09
max. Earth dist.	-47 Sep 10 j 04:44	20°♍10'02	1.41816 AU
evening rise	-47 Sep 16 j 00:04	29°♍39'20	
	-47 Sep 16 j 05:14	0°♎	
desc. node	-47 Sep 17 j 07:37	1°♎44'59	
	-47 Oct 06 j 06:54	0°♏	
greatest brilliancy	-47 Oct 14 j 06:49	10°♏28'42	-0.3m
evening max el	-47 Oct 19 j 01:30	15°♏50'33	22°29'21
retrograde	-47 Oct 28 j 18:17	21°♏36'36	
evening set	-47 Nov 02 j 07:24	19°♏47'24	
asc. node	-47 Nov 04 j 14:28	17°♏29'19	
inferior conj	-47 Nov 07 j 16:42	13°♏25'38	1°03'03
minimum elong	-47 Nov 07 j 15:17	13°♏30'32	1°02'28
min. Earth dist.	-47 Nov 07 j 14:20	13°♏33'50	0.67662 AU
morning rise	-47 Nov 12 j 23:04	7°♏11'47	
direct	-47 Nov 17 j 11:52	5°♏21'20	
morning max el	-47 Nov 26 j 20:05	10°♏52'37	22°10'26
greatest brilliancy	-47 Dec 01 j 12:21	16°♏08'31	-0.4m
	-47 Dec 11 j 20:07	0°♐	
desc. node	-47 Dec 14 j 06:54	3°♐32'16	
morning set	-47 Dec 29 j 20:28	27°♐26'53	
	-47 Dec 31 j 10:12	0°♑	
max. Earth dist.	-46 Jan 04 j 13:12	6°♑49'39	1.41008 AU
superior conj	-46 Jan 12 j 07:52	20°♑16'30	-2°-1'-27
minimum elong	-46 Jan 12 j 08:44	20°♑20'21	2°01'29
	-46 Jan 17 j 16:40	0°♒	
evening rise	-46 Jan 22 j 16:34	9°♒17'06	
asc. node	-46 Jan 31 j 13:48	25°♒15'36	
	-46 Feb 03 j 15:26	0°♓	
evening max el	-46 Feb 07 j 22:32	5°♓13'19	18°16'08
retrograde	-46 Feb 15 j 00:25	8°♓45'10	
evening set	-46 Feb 17 j 12:47	8°♓19'22	
inferior conj	-46 Feb 24 j 14:39	3°♓35'47	3°30'36
minimum elong	-46 Feb 24 j 17:27	3°♓29'42	3°30'13
min. Earth dist.	-46 Feb 28 j 00:09	0°♓40'07	0.59680 AU
	-46 Feb 28 j 20:07	30°♑℞	
morning rise	-46 Mar 03 j 18:38	27°♒58'13	
direct	-46 Mar 10 j 06:35	26°♒02'33	
desc. node	-46 Mar 12 j 06:04	26°♒12'56	
	-46 Mar 20 j 04:36	0°♓	
morning max el	-46 Mar 24 j 13:40	3°♓47'47	27°17'21
	-46 Apr 12 j 18:38	0°♈	
morning set	-46 Apr 24 j 13:53	22°♈22'44	
	-46 Apr 28 j 04:04	0°♉	
asc. node	-46 Apr 29 j 13:05	2°♉59'11	
max. Earth dist.	-46 May 01 j 05:40	6°♉41'04	1.32329 AU
superior conj	-46 May 01 j 17:50	7°♉47'53	0°23'06
minimum elong	-46 May 01 j 16:49	7°♉42'17	0°22'52
evening rise	-46 May 08 j 16:19	22°♉50'21	
	-46 May 12 j 03:53	0°♊	
	-46 May 30 j 09:10	0°♋	
evening max el	-46 Jun 05 j 20:47	7°♋14'12	25°57'47
desc. node	-46 Jun 08 j 05:17	9°♋19'57	
retrograde	-46 Jun 19 j 22:02	14°♋26'42	
evening set	-46 Jun 26 j 01:35	12°♋55'17	
min. Earth dist.	-46 Jun 30 j 09:27	10°♋16'36	0.58855 AU
inferior conj	-46 Jul 03 j 16:53	7°♋49'23	-4°-45'-4
minimum elong	-46 Jul 03 j 17:10	7°♋48'51	4°45'04
morning rise	-46 Jul 11 j 12:23	3°♋23'01	
direct	-46 Jul 13 j 23:50	3°♋02'35	
morning max el	-46 Jul 22 j 00:25	6°♋51'52	18°33'47
asc. node	-46 Jul 26 j 12:18	12°♋11'05	
	-46 Aug 05 j 20:04	0°♌	
morning set	-46 Aug 07 j 04:37	2°♌36'39	
superior conj	-46 Aug 16 j 02:58	19°♌43'02	1°42'33
minimum elong	-46 Aug 16 j 05:06	19°♌53'03	1°42'26
	-46 Aug 21 j 18:25	0°♍	
max. Earth dist.	-46 Aug 23 j 09:35	2°♍52'23	1.39867 AU
evening rise	-46 Aug 27 j 16:11	10°♍11'31	
desc. node	-46 Sep 04 j 04:37	22°♍22'47	
	-46 Sep 09 j 03:53	0°♎	
evening max el	-46 Oct 01 j 15:08	29°♎22'43	23°49'36
	-46 Oct 02 j 06:21	0°♏	
retrograde	-46 Oct 12 j 10:29	5°♏44'34	
evening set	-46 Oct 17 j 13:30	3°♏37'15	
	-46 Oct 20 j 21:39	30°℞♎	
asc. node	-46 Oct 22 j 11:31	27°♎54'17	
inferior conj	-46 Oct 22 j 23:33	27°♎13'22	0°10'23
minimum elong	-46 Oct 22 j 23:18	27°♎14'13	0°10'16
transit middle	-46 Oct 22 j 23:18	27°♎14'13	0°10'16
transit begin	-46 Oct 22 j 21:11	27°♎21'24	
transit end	-46 Oct 23 j 01:24	27°♎07'02	
min. Earth dist.	-46 Oct 22 j 10:50	27°♎56'38	0.67577 AU
morning rise	-46 Oct 28 j 09:15	21°♎03'55	
direct	-46 Nov 01 j 08:14	19°♎35'22	
morning max el	-46 Nov 09 j 14:05	24°♎23'13	20°50'46
	-46 Nov 14 j 11:07	0°♏	
greatest brilliancy	-46 Nov 15 j 08:47	1°♏09'16	-0.5m
desc. node	-46 Dec 01 j 03:56	23°♏46'27	
	-46 Dec 05 j 06:03	0°♐	
morning set	-46 Dec 09 j 00:41	5°♐50'33	
max. Earth dist.	-46 Dec 17 j 17:45	19°♐41'39	1.42877 AU
	-46 Dec 23 j 23:31	0°♑	
superior conj	-46 Dec 24 j 13:26	0°♑58'34	-1°-57'-23
minimum elong	-46 Dec 24 j 09:49	0°♑43'21	1°57'15
evening rise	-45 Jan 05 j 10:50	21°♑40'24	
	-45 Jan 10 j 03:26	0°♒	
asc. node	-45 Jan 18 j 10:50	13°♒30'52	
evening max el	-45 Jan 22 j 09:49	18°♒18'52	18°07'41
retrograde	-45 Jan 28 j 23:50	21°♒43'38	
evening set	-45 Jan 31 j 16:33	21°♒08'59	
inferior conj	-45 Feb 07 j 05:03	16°♒03'43	3°49'28
minimum elong	-45 Feb 07 j 05:35	16°♒02'25	3°49'27
min. Earth dist.	-45 Feb 10 j 04:59	13°♒05'30	0.61768 AU
morning rise	-45 Feb 13 j 16:11	10°♒10'33	
direct	-45 Feb 20 j 14:43	7°♒42'54	
desc. node	-45 Feb 27 j 03:07	9°♒36'47	
morning max el	-45 Mar 06 j 16:46	15°♒33'50	27°46'05
	-45 Mar 18 j 12:11	0°♓	
	-45 Apr 05 j 07:11	0°♈	
morning set	-45 Apr 08 j 18:22	6°♈54'47	
max. Earth dist.	-45 Apr 14 j 16:21	19°♈23'35	1.32561 AU
superior conj	-45 Apr 16 j 04:19	22°♈38'47	0°-2'-34
minimum elong	-45 Apr 16 j 04:26	22°♈39'25	0°02'34
behind sun begin	-45 Apr 15 j 23:22	22°♈11'53	
behind sun end	-45 Apr 16 j 09:29	23°♈06'58	
asc. node	-45 Apr 16 j 10:09	23°♈10'34	
	-45 Apr 19 j 13:14	0°♉	
evening rise	-45 Apr 23 j 03:51	7°♉45'41	
	-45 May 04 j 19:39	0°♊	
evening max el	-45 May 18 j 13:08	18°♊08'40	24°34'08
desc. node	-45 May 26 j 02:19	23°♊38'16	
retrograde	-45 Jun 01 j 11:29	25°♊11'07	
evening set	-45 Jun 06 j 08:23	24°♊17'46	
min. Earth dist.	-45 Jun 12 j 00:32	21°♊23'51	0.56963 AU
inferior conj	-45 Jun 14 j 19:54	19°♊35'25	-4°-27'-45
minimum elong	-45 Jun 14 j 15:29	19°♊42'35	4°27'12
morning rise	-45 Jun 23 j 02:23	15°♊29'40	
direct	-45 Jun 25 j 16:38	15°♊11'02	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning max el	-45 Jul 04 j 23:37	19°♊30'13	19°25'01	
asc. node	-45 Jul 13 j 09:23	0°♋31'40		
	-45 Jul 13 j 01:39	0°♋		
morning set	-45 Jul 22 j 04:45	16°♋56'16		
	-45 Jul 28 j 17:23	0°♌		
superior conj	-45 Jul 30 j 08:23	3°♌12'00	1°47'09	
minimum elong	-45 Jul 30 j 08:29	3°♌12'28	1°47'10	
max. Earth dist.	-45 Aug 05 j 12:58	14°♌58'54	1.37867 AU	
evening rise	-45 Aug 09 j 09:02	21°♌54'26		
	-45 Aug 14 j 01:50	0°♍		
desc. node	-45 Aug 22 j 01:38	12°♍49'56		
	-45 Sep 03 j 01:27	0°♎		
evening max el	-45 Sep 14 j 02:55	12°♎58'36	25°06'45	
retrograde	-45 Sep 25 j 22:30	19°♎49'00		
evening set	-45 Oct 01 j 16:21	17°♎24'30		
min. Earth dist.	-45 Oct 06 j 05:08	12°♎18'58	0.67172 AU	
inferior conj	-45 Oct 07 j 04:30	11°♎02'23	0°-44'-49	
minimum elong	-45 Oct 07 j 05:38	10°♎58'43	0°44'21	
asc. node	-45 Oct 09 j 08:36	8°♎17'32		
morning rise	-45 Oct 12 j 19:26	5°♎00'15		
direct	-45 Oct 16 j 06:23	3°♎51'15		
morning max el	-45 Oct 23 j 15:52	8°♎04'20	19°43'20	
greatest brilliancy	-45 Oct 31 j 16:54	18°♎08'15	-0.6m	
	-45 Nov 08 j 18:02	0°♏		
morning set	-45 Nov 17 j 21:44	14°♏02'19		
desc. node	-45 Nov 18 j 00:57	14°♏14'44		
	-45 Nov 28 j 03:00	0°♐		
max. Earth dist.	-45 Nov 30 j 06:04	3°♐22'15	1.44247 AU	
superior conj	-45 Dec 04 j 16:02	10°♐26'12	-1°-35'-48	
minimum elong	-45 Dec 04 j 08:12	9°♐54'40	1°35'08	
	-45 Dec 16 j 12:42	0°♑		
evening rise	-45 Dec 18 j 10:05	3°♑11'36		
	-44 Jan 04 j 11:08	0°♒		
asc. node	-44 Jan 05 j 07:54	0°♒58'37		
evening max el	-44 Jan 05 j 22:22	1°♒36'31	18°18'18	
retrograde	-44 Jan 12 j 10:14	5°♒07'17		
evening set	-44 Jan 15 j 07:25	4°♒22'55		
	-44 Jan 20 j 11:14	30°℞♑		
inferior conj	-44 Jan 21 j 09:51	28°♑57'24	3°46'14	
minimum elong	-44 Jan 21 j 08:32	29°♑01'06	3°46'07	
min. Earth dist.	-44 Jan 23 j 19:15	26°♑17'25	0.63653 AU	
morning rise	-44 Jan 27 j 08:02	22°♑54'06		
direct	-44 Feb 03 j 06:53	20°♑07'35		
desc. node	-44 Feb 14 j 00:11	25°♑11'07		
morning max el	-44 Feb 17 j 00:37	27°♑58'23	27°37'55	
	-44 Feb 18 j 23:28	0°♒		
	-44 Mar 11 j 05:40	0°♓		
morning set	-44 Mar 22 j 15:59	21°♓02'22		
	-44 Mar 27 j 01:23	0°♈		
max. Earth dist.	-44 Mar 27 j 21:01	1°♈42'51	1.33192 AU	
superior conj	-44 Mar 30 j 11:40	7°♈15'34	0°-29'-19	
minimum elong	-44 Mar 30 j 13:05	7°♈23'07	0°29'02	
asc. node	-44 Apr 02 j 07:12	13°♈18'43		
evening rise	-44 Apr 06 j 15:34	22°♈36'43		
	-44 Apr 10 j 05:46	0°♉		
evening max el	-44 Apr 29 j 03:53	28°♉42'37	22°59'08	
	-44 Apr 30 j 13:33	0°♊		
desc. node	-44 May 11 j 23:23	5°♊20'10		
retrograde	-44 May 12 j 12:27	5°♊20'51		
evening set	-44 May 15 j 23:02	4°♊54'54		
min. Earth dist.	-44 May 23 j 13:05	1°♊32'28	0.55573 AU	
inferior conj	-44 May 25 j 03:28	0°♊36'55	-3°-26'-33	
minimum elong	-44 May 24 j 20:13	0°♊47'27	3°24'43	
	-44 May 26 j 05:05	30°℞♉		

morning rise	-44 Jun 02 j 20:24	26°♉43'15		
direct	-44 Jun 05 j 14:40	26°♉25'12		
	-44 Jun 14 j 18:55	0°♊		
morning max el	-44 Jun 16 j 12:09	1°♊28'07	20°37'05	
asc. node	-44 Jun 29 j 06:27	19°♊28'46		
	-44 Jul 04 j 16:13	0°♋		
morning set	-44 Jul 05 j 10:47	1°♋34'35		
superior conj	-44 Jul 13 j 01:46	17°♋17'48	1°43'33	
minimum elong	-44 Jul 13 j 00:21	17°♋10'39	1°43'30	
max. Earth dist.	-44 Jul 17 j 20:09	26°♋48'39	1.36038 AU	
	-44 Jul 19 j 11:47	0°♌		
evening rise	-44 Jul 21 j 22:53	4°♌38'31		
	-44 Aug 05 j 22:51	0°♍		
desc. node	-44 Aug 07 j 22:41	3°♍00'33		
evening max el	-44 Aug 26 j 14:30	26°♍35'16	26°13'20	
	-44 Aug 30 j 12:06	0°♎		
retrograde	-44 Sep 08 j 05:48	3°♎44'45		
evening set	-44 Sep 14 j 14:02	1°♎06'33		
	-44 Sep 15 j 19:02	30°℞♍		
min. Earth dist.	-44 Sep 18 j 18:50	26°♍38'07	0.66426 AU	
inferior conj	-44 Sep 20 j 05:44	24°♍50'14	-1°-41'00	
minimum elong	-44 Sep 20 j 08:18	24°♍42'17	1°39'59	
asc. node	-44 Sep 25 j 05:40	19°♍34'25		
morning rise	-44 Sep 26 j 03:33	18°♍58'23		
direct	-44 Sep 29 j 04:38	18°♍05'27		
morning max el	-44 Oct 06 j 00:38	21°♍54'03	18°50'49	
	-44 Oct 12 j 11:43	0°♎		
morning set	-44 Oct 27 j 11:50	23°♎10'46		
	-44 Oct 31 j 19:32	0°♏		
desc. node	-44 Nov 03 j 21:58	4°♏52'56		
max. Earth dist.	-44 Nov 11 j 23:14	17°♏32'25	1.44953 AU	
superior conj	-44 Nov 12 j 21:09	18°♏58'38	0°-56'-35	
minimum elong	-44 Nov 12 j 14:11	18°♏31'10	0°55'45	
	-44 Nov 19 j 20:31	0°♐		
evening rise	-44 Nov 28 j 10:33	13°♐45'00		
	-44 Dec 08 j 13:05	0°♑		
evening max el	-44 Dec 19 j 09:36	15°♑00'55	18°47'05	
asc. node	-44 Dec 22 j 04:57	17°♑25'36		
retrograde	-44 Dec 26 j 03:26	18°♑48'26		
evening set	-44 Dec 29 j 06:04	17°♑53'11		
inferior conj	-43 Jan 04 j 01:14	12°♑09'53	3°27'07	
minimum elong	-43 Jan 03 j 22:49	12°♑17'17	3°26'41	
min. Earth dist.	-43 Jan 05 j 19:19	10°♑01'20	0.65200 AU	
morning rise	-43 Jan 09 j 14:28	6°♑00'02		
direct	-43 Jan 16 j 06:02	3°♑09'13		
morning max el	-43 Jan 29 j 10:26	10°♑51'06	26°56'39	
desc. node	-43 Jan 30 j 21:12	12°♑20'53		
	-43 Feb 13 j 15:44	0°♒		
	-43 Mar 03 j 17:15	0°♓		
morning set	-43 Mar 06 j 03:35	4°♓35'46		
max. Earth dist.	-43 Mar 10 j 15:44	13°♓28'27	1.34257 AU	
superior conj	-43 Mar 14 j 13:54	21°♓32'12	0°-56'-2	
minimum elong	-43 Mar 14 j 16:34	21°♓46'08	0°55'33	
	-43 Mar 18 j 14:24	0°♈		
asc. node	-43 Mar 20 j 04:15	3°♈19'44		
evening rise	-43 Mar 22 j 01:37	7°♈17'19		
	-43 Apr 03 j 09:25	0°♉		
evening max el	-43 Apr 11 j 00:22	9°♉27'35	21°27'27	
retrograde	-43 Apr 23 j 03:39	15°♉21'59		
evening set	-43 Apr 25 j 13:58	15°♉08'31		
desc. node	-43 Apr 28 j 20:25	14°♉11'43		
inferior conj	-43 May 04 j 22:51	11°♉07'52	-1°-43'-44	
minimum elong	-43 May 04 j 18:03	11°♉14'37	1°42'06	
min. Earth dist.	-43 May 05 j 01:57	11°♉03'32	0.54994 AU	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning rise	-43 May 13 j 22:33	7°♉08'54	
direct	-43 May 17 j 01:25	6°♉47'40	
morning max el	-43 May 29 j 13:48	12°♉43'26	22°06'56
	-43 Jun 11 j 08:51	0°♊	
asc. node	-43 Jun 16 j 03:29	8°♊53'19	
morning set	-43 Jun 19 j 20:31	16°♊25'17	
	-43 Jun 26 j 06:41	0°♋	
superior conj	-43 Jun 27 j 03:23	1°♋49'07	1°33'31
minimum elong	-43 Jun 27 j 01:08	1°♋37'17	1°33'18
max. Earth dist.	-43 Jun 30 j 11:40	8°♋46'13	1.34542 AU
evening rise	-43 Jul 05 j 04:52	18°♋10'54	
	-43 Jul 11 j 13:37	0°♌	
desc. node	-43 Jul 25 j 19:43	22°♌46'50	
	-43 Jul 31 j 04:00	0°♍	
evening max el	-43 Aug 09 j 02:18	10°♍05'30	27°01'40
retrograde	-43 Aug 22 j 07:54	17°♍24'08	
evening set	-43 Aug 29 j 04:11	14°♍39'23	
min. Earth dist.	-43 Sep 02 j 01:42	10°♍48'24	0.65321 AU
inferior conj	-43 Sep 04 j 01:07	8°♍32'45	-2°-36'-12
minimum elong	-43 Sep 04 j 05:00	8°♍21'37	2°34'50
morning rise	-43 Sep 10 j 07:19	2°♍54'14	
asc. node	-43 Sep 12 j 02:42	2°♍18'18	
direct	-43 Sep 13 j 00:56	2°♍13'37	
morning max el	-43 Sep 19 j 14:11	5°♍46'53	18°14'38
	-43 Oct 05 j 23:54	0°♎	
morning set	-43 Oct 08 j 06:12	3°♎43'25	
desc. node	-43 Oct 21 j 18:59	25°♎37'04	
superior conj	-43 Oct 22 j 23:09	27°♎28'47	0°-7'-43
minimum elong	-43 Oct 22 j 22:10	27°♎24'50	0°07'35
behind sun begin	-43 Oct 22 j 12:19	26°♎45'49	
behind sun end	-43 Oct 23 j 08:01	28°♎03'50	
	-43 Oct 24 j 13:24	0°♏	
max. Earth dist.	-43 Oct 25 j 17:46	1°♏51'46	1.44929 AU
evening rise	-43 Nov 08 j 11:37	23°♏21'22	
	-43 Nov 12 j 18:02	0°♐	
greatest brilliancy	-43 Nov 24 j 07:38	17°♐37'37	-0.7m
evening max el	-43 Dec 02 j 17:19	28°♐28'04	19°32'39
	-43 Dec 04 j 07:52	0°♑	
asc. node	-43 Dec 09 j 01:59	2°♑36'25	
retrograde	-43 Dec 10 j 00:05	2°♑41'10	
evening set	-43 Dec 13 j 09:48	1°♑33'20	
	-43 Dec 15 j 06:48	30°℞♐	
inferior conj	-43 Dec 18 j 23:58	25°♐35'06	2°56'27
minimum elong	-43 Dec 18 j 21:11	25°♐44'13	2°55'43
min. Earth dist.	-43 Dec 20 j 03:49	24°♐04'19	0.66366 AU
morning rise	-43 Dec 24 j 07:48	19°♐21'20	
direct	-43 Dec 30 j 11:16	16°♐38'49	
morning max el	-42 Jan 11 j 19:38	23°♐58'17	25°49'58
	-42 Jan 17 j 05:41	0°♑	
desc. node	-42 Jan 17 j 18:13	0°♑38'01	
	-42 Feb 07 j 01:13	0°♒	
morning set	-42 Feb 17 j 00:48	17°♒21'26	
max. Earth dist.	-42 Feb 20 j 22:16	24°♒40'16	1.35773 AU
	-42 Feb 23 j 16:03	0°♓	
superior conj	-42 Feb 26 j 08:25	5°♓20'43	-1°-21'-12
minimum elong	-42 Feb 26 j 12:02	5°♓39'00	1°20'40
evening rise	-42 Mar 06 j 07:59	21°♓40'41	
asc. node	-42 Mar 07 j 01:18	23°♓08'44	
	-42 Mar 10 j 12:11	0°♈	
evening max el	-42 Mar 24 j 07:30	20°♈45'30	20°09'23
retrograde	-42 Apr 03 j 18:09	25°♈46'19	
evening set	-42 Apr 05 j 20:48	25°♈34'55	
inferior conj	-42 Apr 14 j 19:45	21°♈36'16	0°15'28
minimum elong	-42 Apr 14 j 20:26	21°♈35'13	0°15'13
transit middle	-42 Apr 14 j 20:26	21°♈35'13	0°15'13
transit begin	-42 Apr 14 j 19:16	21°♈36'58	
transit end	-42 Apr 14 j 21:37	21°♈33'28	
desc. node	-42 Apr 15 j 17:25	21°♈03'51	
min. Earth dist.	-42 Apr 16 j 15:54	20°♈30'28	0.55373 AU
morning rise	-42 Apr 23 j 17:26	17°♈13'35	
direct	-42 Apr 27 j 14:59	16°♈40'20	
morning max el	-42 May 11 j 07:10	23°♈24'56	23°47'05
	-42 May 17 j 04:46	0°♉	
asc. node	-42 Jun 03 j 00:32	28°♉38'14	
	-42 Jun 03 j 16:18	0°♊	
morning set	-42 Jun 04 j 08:09	1°♊23'01	
superior conj	-42 Jun 11 j 10:28	16°♊37'20	1°18'26
minimum elong	-42 Jun 11 j 07:58	16°♊23'53	1°18'04
max. Earth dist.	-42 Jun 13 j 12:43	21°♊06'22	1.33437 AU
	-42 Jun 17 j 19:05	0°♋	
evening rise	-42 Jun 18 j 22:36	2°♋19'06	
	-42 Jul 04 j 10:13	0°♌	
desc. node	-42 Jul 12 j 16:44	11°♌58'29	
evening max el	-42 Jul 22 j 13:26	23°♌19'10	27°24'33
	-42 Aug 01 j 10:52	0°♍	
retrograde	-42 Aug 05 j 04:12	0°♍38'56	
	-42 Aug 08 j 17:19	30°℞♌	
evening set	-42 Aug 12 j 07:52	27°♌58'12	
min. Earth dist.	-42 Aug 15 j 23:42	24°♌41'56	0.63857 AU
inferior conj	-42 Aug 18 j 12:11	22°♌05'03	-3°-27'-35
minimum elong	-42 Aug 18 j 16:54	21°♌52'48	3°26'16
morning rise	-42 Aug 25 j 04:00	16°♌43'04	
direct	-42 Aug 27 j 16:45	16°♌11'12	
asc. node	-42 Aug 29 j 23:43	16°♌37'37	
morning max el	-42 Sep 03 j 05:51	19°♌37'19	17°55'45
	-42 Sep 10 j 22:20	0°♍	
morning set	-42 Sep 20 j 03:14	15°♍33'40	
	-42 Sep 28 j 14:48	0°♎	
superior conj	-42 Oct 02 j 18:58	6°♎54'22	0°38'22
minimum elong	-42 Oct 02 j 22:55	7°♎10'33	0°37'50
max. Earth dist.	-42 Oct 08 j 11:04	16°♎04'23	1.44189 AU
desc. node	-42 Oct 08 j 16:02	16°♎24'12	
	-42 Oct 17 j 07:58	0°♏	
evening rise	-42 Oct 18 j 20:44	2°♏21'54	
	-42 Nov 06 j 08:53	0°♐	
greatest brilliancy	-42 Nov 09 j 19:02	4°♐41'47	-0.5m
evening max el	-42 Nov 15 j 20:01	11°♐56'48	20°32'51
retrograde	-42 Nov 23 j 21:40	16°♐42'28	
asc. node	-42 Nov 25 j 22:59	16°♐18'28	
evening set	-42 Nov 27 j 16:30	15°♐19'56	
inferior conj	-42 Dec 03 j 03:34	9°♐09'54	2°17'15
minimum elong	-42 Dec 03 j 00:58	9°♐18'44	2°16'23
min. Earth dist.	-42 Dec 03 j 18:40	8°♐18'36	0.67154 AU
morning rise	-42 Dec 08 j 08:56	2°♐54'28	
direct	-42 Dec 13 j 21:45	0°♐29'09	
morning max el	-42 Dec 25 j 03:54	7°♐11'55	24°27'40
desc. node	-41 Jan 04 j 15:16	19°♐43'16	
	-41 Jan 11 j 23:05	0°♑	
morning set	-41 Jan 30 j 01:59	29°♑03'40	
	-41 Jan 30 j 14:50	0°♒	
max. Earth dist.	-41 Feb 02 j 19:28	5°♒42'03	1.37690 AU
superior conj	-41 Feb 09 j 15:58	18°♒32'27	-1°-42'-41
minimum elong	-41 Feb 09 j 19:46	18°♒50'49	1°42'19
	-41 Feb 15 j 11:54	0°♓	
evening rise	-41 Feb 18 j 08:22	5°♓40'24	
asc. node	-41 Feb 21 j 22:20	12°♓40'29	
	-41 Mar 04 j 14:22	0°♈	
evening max el	-41 Mar 07 j 01:42	2°♈41'31	19°09'40

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

retrograde	-41 Mar 15 j 20:50	6°♈55'34	
evening set	-41 Mar 18 j 01:54	6°♈40'41	
inferior conj	-41 Mar 26 j 07:07	2°♈29'09	1°58'05
minimum elong	-41 Mar 26 j 11:12	2°♈22'10	1°56'52
min. Earth dist.	-41 Mar 29 j 07:06	0°♈27'21	0.56629 AU
	-41 Mar 30 j 00:06	30℞♓	
desc. node	-41 Apr 02 j 14:27	28°♓01'07	
morning rise	-41 Apr 03 j 16:28	27°♓34'02	
direct	-41 Apr 08 j 16:22	26°♓35'58	
	-41 Apr 18 j 04:36	0°♈	
morning max el	-41 Apr 22 j 21:40	3°♈54'15	25°24'53
	-41 May 11 j 12:27	0°♉	
morning set	-41 May 19 j 20:02	16°♉21'28	
asc. node	-41 May 20 j 21:35	18°♉36'47	
	-41 May 26 j 03:33	0°♊	
superior conj	-41 May 26 j 20:45	1°♊34'05	0°59'20
minimum elong	-41 May 26 j 18:31	1°♊21'52	0°58'55
max. Earth dist.	-41 May 27 j 21:12	3°♊47'27	1.32718 AU
evening rise	-41 Jun 03 j 00:30	16°♊51'11	
	-41 Jun 09 j 17:28	0°♋	
	-41 Jun 29 j 06:57	0°♌	
desc. node	-41 Jun 29 j 13:45	0°♌20'12	
evening max el	-41 Jul 04 j 21:28	6°♌01'58	27°16'28
retrograde	-41 Jul 18 j 17:39	13°♌19'10	
evening set	-41 Jul 25 j 21:13	10°♌55'28	
min. Earth dist.	-41 Jul 29 j 11:24	8°♌05'59	0.62066 AU
inferior conj	-41 Aug 01 j 11:55	5°♌19'00	-4°-10'-56
minimum elong	-41 Aug 01 j 16:23	5°♌08'40	4°10'04
morning rise	-41 Aug 08 j 14:12	0°♌16'59	
	-41 Aug 09 j 14:30	30℞♋	
direct	-41 Aug 11 j 00:44	29°♋51'00	
	-41 Aug 12 j 10:38	0°♌	
asc. node	-41 Aug 16 j 20:46	2°♌23'07	
morning max el	-41 Aug 17 j 20:43	3°♌18'01	17°55'07
morning set	-41 Sep 02 j 20:54	28°♌22'47	
	-41 Sep 03 j 18:25	0°♍	
superior conj	-41 Sep 13 j 17:48	17°♍39'45	1°13'22
minimum elong	-41 Sep 13 j 22:44	18°♍00'55	1°12'48
max. Earth dist.	-41 Sep 21 j 00:36	29°♍52'45	1.42825 AU
	-41 Sep 21 j 02:23	0°♎	
desc. node	-41 Sep 25 j 13:04	7°♎10'25	
evening rise	-41 Sep 28 j 06:04	11°♎27'07	
	-41 Oct 10 j 11:11	0°♏	
greatest brilliancy	-41 Oct 24 j 20:41	19°♏54'24	-0.4m
evening max el	-41 Oct 29 j 16:56	25°♏26'03	21°44'36
	-41 Nov 04 j 12:50	0°♐	
retrograde	-41 Nov 07 j 18:21	0°♐49'14	
	-41 Nov 10 j 18:37	30℞♏	
evening set	-41 Nov 12 j 00:21	29°♏10'01	
asc. node	-41 Nov 12 j 20:00	28°♏27'41	
inferior conj	-41 Nov 17 j 09:53	22°♏51'31	1°31'37
minimum elong	-41 Nov 17 j 07:55	22°♏58'16	1°30'51
min. Earth dist.	-41 Nov 17 j 13:34	22°♏38'45	0.67576 AU
morning rise	-41 Nov 22 j 15:15	16°♏36'39	
direct	-41 Nov 27 j 12:42	14°♏33'10	
morning max el	-41 Dec 07 j 13:29	20°♏30'38	22°59'56
greatest brilliancy	-41 Dec 12 j 08:25	25°♏52'02	-0.3m
	-41 Dec 15 j 15:20	0°♐	
desc. node	-41 Dec 22 j 12:19	9°♐22'53	
	-40 Jan 05 j 05:07	0°♑	
morning set	-40 Jan 11 j 01:00	9°♑27'10	
max. Earth dist.	-40 Jan 15 j 15:02	17°♑12'17	1.39810 AU
	-40 Jan 22 j 19:58	0°♒	
superior conj	-40 Jan 23 j 08:19	0°♒56'33	-1°-57'-29
minimum elong	-40 Jan 23 j 10:51	1°♒08'10	1°57'24
evening rise	-40 Feb 01 j 23:59	19°♒09'47	
	-40 Feb 07 j 18:51	0°♓	
asc. node	-40 Feb 08 j 19:22	1°♓49'11	
evening max el	-40 Feb 18 j 04:54	15°♓11'16	18°29'52
retrograde	-40 Feb 25 j 18:31	18°♓54'06	
evening set	-40 Feb 28 j 04:15	18°♓32'46	
inferior conj	-40 Mar 06 j 15:17	14°♓01'09	3°06'45
minimum elong	-40 Mar 06 j 19:10	13°♓53'24	3°05'58
min. Earth dist.	-40 Mar 10 j 01:28	11°♓18'46	0.58481 AU
morning rise	-40 Mar 14 j 06:12	8°♓36'32	
desc. node	-40 Mar 19 j 11:29	7°♓04'43	
direct	-40 Mar 20 j 07:03	7°♓03'00	
morning max el	-40 Apr 03 j 15:22	14°♓40'50	26°44'50
	-40 Apr 15 j 22:28	0°♈	
	-40 May 02 j 16:08	0°♉	
morning set	-40 May 03 j 06:30	1°♉14'56	
asc. node	-40 May 06 j 18:39	8°♉43'56	
superior conj	-40 May 10 j 08:27	16°♉33'13	0°37'03
minimum elong	-40 May 10 j 06:53	16°♉24'39	0°36'44
max. Earth dist.	-40 May 10 j 09:35	16°♉39'25	1.32368 AU
	-40 May 16 j 13:13	0°♊	
evening rise	-40 May 17 j 07:51	1°♊38'06	
	-40 Jun 01 j 18:34	0°♋	
desc. node	-40 Jun 15 j 10:45	17°♋31'01	
evening max el	-40 Jun 15 j 23:39	18°♋02'08	26°35'15
retrograde	-40 Jun 29 j 23:22	25°♋16'47	
evening set	-40 Jul 06 j 15:44	23°♋23'12	
min. Earth dist.	-40 Jul 10 j 12:55	20°♋46'09	0.60046 AU
inferior conj	-40 Jul 13 j 20:47	18°♋05'42	-4°-39'-21
minimum elong	-40 Jul 13 j 23:13	18°♋00'46	4°39'10
morning rise	-40 Jul 21 j 10:00	13°♋26'22	
direct	-40 Jul 23 j 20:40	13°♋04'16	
morning max el	-40 Jul 31 j 07:54	16°♋41'43	18°13'52
asc. node	-40 Aug 02 j 17:50	19°♋20'21	
	-40 Aug 09 j 18:04	0°♌	
morning set	-40 Aug 16 j 05:37	11°♌55'25	
superior conj	-40 Aug 25 j 18:11	29°♌41'02	1°35'19
minimum elong	-40 Aug 25 j 21:35	29°♌56'25	1°35'03
	-40 Aug 25 j 22:23	0°♍	
max. Earth dist.	-40 Sep 02 j 08:33	13°♍01'37	1.41015 AU
evening rise	-40 Sep 07 j 08:17	21°♍20'00	
desc. node	-40 Sep 11 j 10:05	27°♍52'25	
	-40 Sep 12 j 18:34	0°♎	
	-40 Oct 03 j 15:46	0°♏	
greatest brilliancy	-40 Oct 05 j 21:13	2°♏47'01	-0.2m
evening max el	-40 Oct 11 j 08:36	8°♏56'09	23°03'22
retrograde	-40 Oct 21 j 12:36	14°♏57'58	
evening set	-40 Oct 26 j 07:35	13°♏00'47	
asc. node	-40 Oct 29 j 17:04	9°♏19'30	
inferior conj	-40 Oct 31 j 17:02	6°♏37'32	0°41'06
minimum elong	-40 Oct 31 j 16:05	6°♏40'49	0°40'42
min. Earth dist.	-40 Oct 31 j 10:09	7°♏01'13	0.67666 AU
morning rise	-40 Nov 06 j 00:36	0°♏25'28	
	-40 Nov 06 j 14:21	30℞♎	
direct	-40 Nov 10 j 07:16	28°♎44'46	
	-40 Nov 14 j 08:05	0°♏	
morning max el	-40 Nov 19 j 03:43	3°♏56'32	21°35'20
greatest brilliancy	-40 Nov 24 j 03:36	9°♏38'13	-0.4m
desc. node	-40 Dec 08 j 09:21	29°♏26'27	
	-40 Dec 08 j 18:23	0°♐	
morning set	-40 Dec 20 j 18:54	18°♐27'36	
max. Earth dist.	-40 Dec 27 j 15:27	29°♐33'26	1.41849 AU
	-40 Dec 27 j 21:52	0°♑	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-39 Jan 04 j 04:03	12°♑18'53	-2°-1'-39	
minimum elong	-39 Jan 04 j 03:12	12°♑15'15	2°01'39	
	-39 Jan 14 j 01:05	0°♒		
evening rise	-39 Jan 15 j 03:15	1°♒59'44		
asc. node	-39 Jan 25 j 16:25	20°♒26'37		
evening max el	-39 Jan 31 j 14:02	28°♒05'42	18°10'06	
	-39 Feb 02 j 20:50	0°♓		
retrograde	-39 Feb 07 j 09:46	1°♓33'15		
evening set	-39 Feb 09 j 23:54	1°♓03'53		
	-39 Feb 12 j 02:40	30°℞♒		
inferior conj	-39 Feb 16 j 19:38	26°♒10'47	3°41'47	
minimum elong	-39 Feb 16 j 21:28	26°♒06'34	3°41'37	
min. Earth dist.	-39 Feb 20 j 01:54	23°♒11'05	0.60576 AU	
morning rise	-39 Feb 23 j 15:59	20°♒25'22		
direct	-39 Mar 02 j 09:31	18°♒15'03		
desc. node	-39 Mar 06 j 08:32	18°♒57'00		
morning max el	-39 Mar 16 j 15:15	26°♒03'47	27°34'11	
	-39 Mar 20 j 07:45	0°♓		
	-39 Apr 09 j 08:58	0°♈		
morning set	-39 Apr 17 j 13:45	15°♈56'34		
asc. node	-39 Apr 23 j 15:43	28°♈54'39		
max. Earth dist.	-39 Apr 23 j 21:56	29°♈28'37	1.32380 AU	
	-39 Apr 24 j 03:41	0°♉		
superior conj	-39 Apr 24 j 19:50	1°♉28'20	0°12'23	
minimum elong	-39 Apr 24 j 19:16	1°♉25'15	0°12'16	
behind sun begin	-39 Apr 24 j 16:04	1°♉07'42		
behind sun end	-39 Apr 24 j 22:28	1°♉42'48		
evening rise	-39 May 01 j 18:23	16°♉31'42		
	-39 May 08 j 11:30	0°♊		
evening max el	-39 May 28 j 18:51	29°♊16'42	25°24'26	
	-39 May 29 j 13:21	0°♋		
desc. node	-39 Jun 02 j 07:47	3°♋02'03		
retrograde	-39 Jun 11 j 19:48	6°♋26'52		
evening set	-39 Jun 17 j 11:35	5°♋11'54		
min. Earth dist.	-39 Jun 22 j 06:46	2°♋28'45	0.58006 AU	
inferior conj	-39 Jun 25 j 11:17	0°♋15'28	-4°-42'-30	
minimum elong	-39 Jun 25 j 09:38	0°♋18'23	4°42'26	
	-39 Jun 25 j 20:08	30°℞♊		
morning rise	-39 Jul 03 j 11:31	25°♊58'54		
direct	-39 Jul 05 j 23:59	25°♊39'25		
morning max el	-39 Jul 14 j 12:22	29°♊39'32	18°53'06	
	-39 Jul 14 j 20:54	0°♋		
asc. node	-39 Jul 20 j 14:55	7°♋14'16		
morning set	-39 Jul 31 j 01:06	26°♋00'21		
	-39 Aug 02 j 01:51	0°♌		
superior conj	-39 Aug 08 j 14:39	12°♌42'50	1°45'37	
minimum elong	-39 Aug 08 j 15:52	12°♌48'42	1°45'36	
max. Earth dist.	-39 Aug 15 j 11:56	25°♌26'20	1.39001 AU	
	-39 Aug 18 j 02:03	0°♍		
evening rise	-39 Aug 19 j 11:08	2°♍22'49		
desc. node	-39 Aug 29 j 07:07	18°♍26'33		
	-39 Sep 06 j 00:13	0°♎		
evening max el	-39 Sep 23 j 21:01	22°♎29'47	24°23'10	
retrograde	-39 Oct 05 j 03:19	29°♎05'38		
evening set	-39 Oct 10 j 12:33	26°♎50'37		
inferior conj	-39 Oct 15 j 23:18	20°♎26'42	0°-12'-47	
minimum elong	-39 Oct 15 j 23:37	20°♎25'39	0°12'40	
transit middle	-39 Oct 15 j 23:37	20°♎25'39	0°12'40	
transit begin	-39 Oct 15 j 21:54	20°♎31'25		
transit end	-39 Oct 16 j 01:20	20°♎19'53		
min. Earth dist.	-39 Oct 15 j 06:03	21°♎24'37	0.67440 AU	
asc. node	-39 Oct 16 j 14:07	19°♎37'09		
morning rise	-39 Oct 21 j 11:01	14°♎19'59		
direct	-39 Oct 25 j 04:32	13°♎00'19		
morning max el	-39 Nov 02 j 01:07	17°♎32'36	20°20'22	
greatest brilliancy	-39 Nov 08 j 15:03	25°♎26'36	-0.5m	
	-39 Nov 11 j 22:23	0°♏		
desc. node	-39 Nov 25 j 06:23	19°♏47'29		
morning set	-39 Nov 29 j 17:02	26°♏37'34		
	-39 Dec 01 j 21:09	0°♐		
max. Earth dist.	-39 Dec 09 j 23:08	12°♐46'45	1.43530 AU	
superior conj	-39 Dec 15 j 22:13	22°♐29'10	-1°-50'-31	
minimum elong	-39 Dec 15 j 16:31	22°♐05'39	1°50'11	
	-39 Dec 20 j 10:11	0°♑		
evening rise	-39 Dec 28 j 14:01	14°♑02'04		
	-38 Jan 06 j 21:24	0°♒		
asc. node	-38 Jan 12 j 13:27	8°♒23'16		
evening max el	-38 Jan 15 j 02:12	11°♒17'12	18°09'54	
retrograde	-38 Jan 21 j 14:22	14°♒43'12		
evening set	-38 Jan 24 j 08:48	14°♒04'42		
inferior conj	-38 Jan 30 j 16:41	8°♒50'48	3°50'21	
minimum elong	-38 Jan 30 j 16:20	8°♒51'42	3°50'20	
min. Earth dist.	-38 Feb 02 j 10:51	5°♒57'51	0.62607 AU	
morning rise	-38 Feb 05 j 21:46	2°♒52'32		
direct	-38 Feb 12 j 21:34	0°♒14'43		
desc. node	-38 Feb 21 j 05:35	3°♒20'31		
morning max el	-38 Feb 26 j 20:44	8°♒07'22	27°46'53	
	-38 Mar 15 j 16:56	0°♓		
	-38 Apr 01 j 11:51	0°♈		
morning set	-38 Apr 01 j 15:38	0°♈19'07		
max. Earth dist.	-38 Apr 07 j 06:20	12°♈01'30	1.32776 AU	
superior conj	-38 Apr 09 j 05:12	16°♈13'47	0°-13'-52	
minimum elong	-38 Apr 09 j 05:51	16°♈17'20	0°13'44	
behind sun begin	-38 Apr 09 j 03:14	16°♈03'09		
behind sun end	-38 Apr 09 j 08:29	16°♈31'33		
asc. node	-38 Apr 10 j 12:46	19°♈04'58		
	-38 Apr 15 j 14:04	0°♉		
evening rise	-38 Apr 16 j 06:11	1°♉25'27		
	-38 May 02 j 02:06	0°♊		
evening max el	-38 May 10 j 09:38	9°♊58'30	23°54'11	
desc. node	-38 May 20 j 04:50	16°♊17'19		
retrograde	-38 May 24 j 04:23	16°♊53'26		
evening set	-38 May 28 j 09:57	16°♊13'49		
min. Earth dist.	-38 Jun 03 j 20:41	13°♊08'54	0.56280 AU	
inferior conj	-38 Jun 06 j 05:36	11°♊41'45	-4°-7'-33	
minimum elong	-38 Jun 05 j 23:29	11°♊51'11	4°06'25	
morning rise	-38 Jun 14 j 16:40	7°♊42'34		
direct	-38 Jun 17 j 08:07	7°♊24'33		
morning max el	-38 Jun 27 j 07:14	12°♊01'22	19°53'19	
asc. node	-38 Jul 07 j 11:59	25°♊51'26		
	-38 Jul 09 j 19:19	0°♋		
morning set	-38 Jul 15 j 04:00	10°♋28'16		
superior conj	-38 Jul 23 j 01:38	26°♋28'42	1°46'31	
minimum elong	-38 Jul 23 j 01:01	26°♋25'37	1°46'31	
	-38 Jul 24 j 20:20	0°♌		
max. Earth dist.	-38 Jul 28 j 15:47	7°♌20'34	1.37048 AU	
evening rise	-38 Aug 01 j 13:29	14°♌33'19		
	-38 Aug 10 j 13:51	0°♍		
desc. node	-38 Aug 16 j 04:09	8°♍47'25		
	-38 Aug 31 j 17:30	0°♎		
evening max el	-38 Sep 06 j 08:33	6°♎06'40	25°36'55	
retrograde	-38 Sep 18 j 13:29	13°♎06'58		
evening set	-38 Sep 24 j 13:27	10°♎36'14		
min. Earth dist.	-38 Sep 28 j 22:49	5°♎46'02	0.66891 AU	
inferior conj	-38 Sep 30 j 02:55	4°♎15'56	-1°-8'-37	
minimum elong	-38 Sep 30 j 04:39	4°♎10'22	1°07'54	
asc. node	-38 Oct 03 j 11:10	0°♎17'26		
	-38 Oct 03 j 18:08	30°℞♍		
morning rise	-38 Oct 05 j 20:33	28°♍17'30		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-38 Oct 09 j 02:59	27°♍15'47		
	-38 Oct 14 j 21:08	0°♎		
morning max el	-38 Oct 16 j 05:59	1°♎17'37	19°19'00	
greatest brilliancy	-38 Oct 26 j 04:38	14°♎16'07	-0.7m	
	-38 Nov 05 j 11:56	0°♏		
morning set	-38 Nov 08 j 18:49	5°♏06'30		
desc. node	-38 Nov 12 j 03:25	10°♏20'27		
max. Earth dist.	-38 Nov 22 j 13:22	26°♏40'26	1.44638 AU	
	-38 Nov 24 j 15:47	0°♐		
superior conj	-38 Nov 25 j 14:18	1°♐29'26	-1°-21'-3	
minimum elong	-38 Nov 25 j 06:00	0°♐56'26	1°20'13	
evening rise	-38 Dec 10 j 03:52	25°♐08'43		
	-38 Dec 13 j 02:04	0°♑		
evening max el	-38 Dec 29 j 14:31	24°♑38'39	18°28'26	
asc. node	-38 Dec 30 j 10:29	25°♑27'02		
retrograde	-37 Jan 05 j 03:56	28°♑15'02		
evening set	-37 Jan 08 j 03:19	27°♑26'12		
inferior conj	-37 Jan 14 j 02:23	21°♑53'05	3°39'43	
minimum elong	-37 Jan 14 j 00:30	21°♑58'34	3°39'29	
min. Earth dist.	-37 Jan 16 j 05:19	19°♑25'08	0.64363 AU	
morning rise	-37 Jan 19 j 20:19	15°♑46'49		
direct	-37 Jan 26 j 17:01	12°♑56'27		
desc. node	-37 Feb 08 j 02:37	19°♑39'12		
morning max el	-37 Feb 09 j 05:31	20°♑44'40	27°23'54	
	-37 Feb 17 j 06:07	0°♒		
	-37 Mar 08 j 18:32	0°♓		
morning set	-37 Mar 16 j 09:27	14°♓13'48		
max. Earth dist.	-37 Mar 21 j 06:59	24°♓06'37	1.33587 AU	
superior conj	-37 Mar 24 j 10:41	0°♈43'28	0°-40'-44	
minimum elong	-37 Mar 24 j 12:38	0°♈53'52	0°40'21	
	-37 Mar 24 j 02:28	0°♈		
asc. node	-37 Mar 28 j 09:49	9°♈10'56		
evening rise	-37 Mar 31 j 17:26	16°♈13'13		
	-37 Apr 07 j 15:49	0°♉		
evening max el	-37 Apr 22 j 02:15	20°♉34'55	22°19'04	
retrograde	-37 May 05 j 00:09	26°♉55'56		
desc. node	-37 May 07 j 01:51	26°♉46'24		
evening set	-37 May 07 j 22:27	26°♉37'02		
min. Earth dist.	-37 May 16 j 09:22	22°♉58'41	0.55213 AU	
inferior conj	-37 May 17 j 06:46	22°♉28'28	-2°-47'-5	
minimum elong	-37 May 16 j 23:52	22°♉38'13	2°45'01	
morning rise	-37 May 26 j 03:14	18°♉34'38		
direct	-37 May 29 j 00:25	18°♉15'47		
morning max el	-37 Jun 09 j 14:57	23°♉41'02	21°13'24	
	-37 Jun 15 j 04:27	0°♊		
asc. node	-37 Jun 24 j 09:03	15°♊01'36		
morning set	-37 Jun 29 j 11:51	25°♊12'49		
	-37 Jul 01 j 19:06	0°♋		
superior conj	-37 Jul 06 j 22:54	10°♋46'31	1°40'00	
minimum elong	-37 Jul 06 j 21:04	10°♋36'59	1°39'52	
max. Earth dist.	-37 Jul 11 j 02:20	19°♋12'00	1.35359 AU	
evening rise	-37 Jul 15 j 10:50	27°♋39'58		
	-37 Jul 16 j 16:40	0°♌		
desc. node	-37 Aug 03 j 01:10	28°♌48'43		
	-37 Aug 03 j 20:47	0°♍		
evening max el	-37 Aug 19 j 20:30	19°♍42'31	26°36'38	
retrograde	-37 Sep 01 j 18:30	26°♍56'18		
evening set	-37 Sep 08 j 08:12	24°♍14'37		
min. Earth dist.	-37 Sep 12 j 09:56	20°♍01'59	0.66002 AU	
inferior conj	-37 Sep 14 j 01:55	18°♍02'04	-2°-4'-40	
minimum elong	-37 Sep 14 j 05:05	17°♍52'35	2°03'28	
morning rise	-37 Sep 20 j 03:07	12°♍15'15		
asc. node	-37 Sep 20 j 08:13	12°♍08'36		
direct	-37 Sep 23 j 00:48	11°♍27'50		
morning max el	-37 Sep 29 j 16:59	15°♍08'43	18°33'20	
	-37 Oct 10 j 13:24	0°♎		
morning set	-37 Oct 19 j 20:33	14°♎50'17		
	-37 Oct 29 j 08:53	0°♏		
desc. node	-37 Oct 30 j 00:26	1°♏01'30		
superior conj	-37 Nov 04 j 15:16	9°♏52'49	0°-36'-18	
minimum elong	-37 Nov 04 j 10:31	9°♏34'09	0°35'41	
max. Earth dist.	-37 Nov 05 j 07:50	10°♏57'58	1.45041 AU	
	-37 Nov 17 j 10:00	0°♐		
evening rise	-37 Nov 20 j 18:03	5°♐16'52		
	-37 Dec 06 j 15:30	0°♑		
evening max el	-37 Dec 13 j 00:33	8°♑04'54	19°04'32	
asc. node	-37 Dec 17 j 07:30	11°♑23'38		
retrograde	-37 Dec 19 j 22:53	12°♑01'52		
evening set	-37 Dec 23 j 04:25	11°♑01'19		
inferior conj	-37 Dec 28 j 21:13	5°♑11'16	3°15'16	
minimum elong	-37 Dec 28 j 18:33	5°♑19'39	3°14'42	
min. Earth dist.	-37 Dec 30 j 09:00	3°♑18'35	0.65750 AU	
	-36 Jan 02 j 06:21	30°℞♐		
morning rise	-36 Jan 03 j 07:47	28°♐59'45		
direct	-36 Jan 09 j 18:43	26°♐11'17		
	-36 Jan 18 j 11:29	0°♑		
morning max el	-36 Jan 22 j 15:08	3°♑44'26	26°30'50	
desc. node	-36 Jan 25 j 23:38	7°♑20'21		
	-36 Feb 11 j 14:55	0°♒		
morning set	-36 Feb 27 j 15:29	27°♒28'21		
	-36 Feb 28 j 23:23	0°♓		
max. Earth dist.	-36 Mar 02 j 20:43	5°♓37'25	1.34852 AU	
superior conj	-36 Mar 07 j 09:58	14°♓49'11	-1°-7'00	
minimum elong	-36 Mar 07 j 13:06	15°♓05'21	1°06'29	
asc. node	-36 Mar 14 j 06:50	29°♓07'26		
	-36 Mar 14 j 16:59	0°♈		
evening rise	-36 Mar 15 j 02:10	0°♈47'30		
	-36 Apr 01 j 14:59	0°♉		
evening max el	-36 Apr 03 j 02:56	1°♉32'02	20°52'09	
retrograde	-36 Apr 14 j 13:13	7°♉03'38		
evening set	-36 Apr 16 j 18:46	6°♉51'48		
desc. node	-36 Apr 22 j 22:53	4°♉35'55		
inferior conj	-36 Apr 26 j 00:54	2°♉54'01	0°-53'-2	
minimum elong	-36 Apr 25 j 22:23	2°♉57'35	0°52'10	
min. Earth dist.	-36 Apr 26 j 22:15	2°♉23'38	0.55042 AU	
	-36 May 01 j 12:59	30°℞♈		
morning rise	-36 May 05 j 01:07	28°♈47'21		
direct	-36 May 08 j 10:51	28°♈22'20		
	-36 May 15 j 01:02	0°♉		
morning max el	-36 May 21 j 12:26	4°♉39'24	22°48'55	
	-36 Jun 07 j 22:07	0°♊		
asc. node	-36 Jun 10 j 06:05	4°♊35'33		
morning set	-36 Jun 12 j 22:37	10°♊07'07		
superior conj	-36 Jun 20 j 03:07	25°♊25'34	1°27'40	
minimum elong	-36 Jun 20 j 00:42	25°♊12'41	1°27'23	
	-36 Jun 22 j 07:05	0°♋		
max. Earth dist.	-36 Jun 22 j 22:16	1°♋19'26	1.34028 AU	
evening rise	-36 Jun 27 j 22:17	11°♋28'32		
	-36 Jul 08 j 00:36	0°♌		
desc. node	-36 Jul 19 j 22:13	18°♌21'28		
	-36 Jul 29 j 07:09	0°♍		
evening max el	-36 Aug 01 j 08:17	3°♍06'54	27°14'51	
retrograde	-36 Aug 14 j 17:54	10°♍26'01		
evening set	-36 Aug 21 j 18:15	7°♍41'27		
min. Earth dist.	-36 Aug 25 j 13:06	4°♍06'01	0.64746 AU	
inferior conj	-36 Aug 27 j 18:04	1°♍40'27	-2°-58'-41	
minimum elong	-36 Aug 27 j 22:23	1°♍28'33	2°57'17	
	-36 Aug 29 j 07:21	30°℞♌		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning rise	-36 Sep 03 j 04:13	26°♌08'40	
direct	-36 Sep 05 j 19:33	25°♌32'03	
asc. node	-36 Sep 06 j 05:15	25°♌32'55	
morning max el	-36 Sep 12 j 07:45	29°♌00'55	18°04'30
	-36 Sep 13 j 06:08	0°♍	
morning set	-36 Sep 30 j 02:53	25°♍57'53	
	-36 Oct 02 j 12:46	0°♎	
superior conj	-36 Oct 13 j 22:44	18°♎40'36	0°12'51
minimum elong	-36 Oct 14 j 00:17	18°♎46'48	0°12'38
behind sun begin	-36 Oct 13 j 17:33	18°♎19'49	
behind sun end	-36 Oct 14 j 07:01	19°♎13'46	
desc. node	-36 Oct 15 j 21:29	21°♎47'15	
max. Earth dist.	-36 Oct 18 j 02:45	25°♎18'36	1.44697 AU
	-36 Oct 21 j 02:10	0°♏	
evening rise	-36 Oct 30 j 10:56	14°♏34'40	
	-36 Nov 09 j 12:20	0°♐	
greatest brilliancy	-36 Nov 18 j 01:03	12°♐32'27	-0.6m
evening max el	-36 Nov 25 j 06:16	21°♐33'00	19°56'34
retrograde	-36 Dec 02 j 20:19	25°♐59'17	
asc. node	-36 Dec 03 j 04:30	25°♐58'37	
evening set	-36 Dec 06 j 09:43	24°♐45'16	
inferior conj	-36 Dec 11 j 22:19	18°♐41'21	2°40'45
minimum elong	-36 Dec 11 j 19:33	18°♐50'36	2°39'56
min. Earth dist.	-36 Dec 12 j 20:27	17°♐27'41	0.66744 AU
morning rise	-36 Dec 17 j 04:46	12°♐26'39	
direct	-36 Dec 23 j 02:05	9°♐50'58	
morning max el	-35 Jan 04 j 00:06	16°♐56'12	25°16'24
desc. node	-35 Jan 11 j 20:40	26°♐00'12	
	-35 Jan 14 j 21:52	0°♑	
	-35 Feb 03 j 14:03	0°♒	
morning set	-35 Feb 09 j 04:59	9°♒49'28	
max. Earth dist.	-35 Feb 12 j 23:06	16°♒43'18	1.36554 AU
superior conj	-35 Feb 19 j 00:17	28°♒23'23	-1°-30'-54
minimum elong	-35 Feb 19 j 04:07	28°♒42'22	1°30'26
	-35 Feb 19 j 19:44	0°♓	
evening rise	-35 Feb 27 j 06:21	15°♓02'09	
asc. node	-35 Mar 01 j 03:51	18°♓49'55	
	-35 Mar 07 j 02:31	0°♈	
evening max el	-35 Mar 16 j 14:47	13°♈05'44	19°41'28
retrograde	-35 Mar 26 j 08:02	17°♈45'38	
evening set	-35 Mar 28 j 10:53	17°♈33'18	
inferior conj	-35 Apr 06 j 02:41	13°♈30'04	1°02'32
minimum elong	-35 Apr 06 j 05:17	13°♈25'59	1°01'40
min. Earth dist.	-35 Apr 08 j 12:33	11°♈59'26	0.55815 AU
desc. node	-35 Apr 09 j 19:53	11°♈12'41	
morning rise	-35 Apr 14 j 20:16	8°♈53'50	
direct	-35 Apr 19 j 04:16	8°♈11'55	
morning max el	-35 May 03 j 03:59	15°♈12'40	24°29'55
	-35 May 14 j 21:24	0°♉	
morning set	-35 May 28 j 10:33	25°♉05'42	
asc. node	-35 May 28 j 03:08	24°♉26'44	
	-35 May 30 j 17:50	0°♊	
superior conj	-35 Jun 04 j 11:50	10°♊18'02	1°10'46
minimum elong	-35 Jun 04 j 09:23	10°♊04'47	1°10'22
max. Earth dist.	-35 Jun 06 j 02:47	13°♊48'35	1.33085 AU
evening rise	-35 Jun 11 j 19:50	25°♊47'30	
	-35 Jun 13 j 22:16	0°♋	
	-35 Jul 01 j 11:29	0°♌	
desc. node	-35 Jul 06 j 19:14	7°♌13'39	
evening max el	-35 Jul 14 j 18:08	16°♌07'38	27°25'01
retrograde	-35 Jul 28 j 11:28	23°♌27'04	
evening set	-35 Aug 04 j 16:21	20°♌51'29	
min. Earth dist.	-35 Aug 08 j 06:37	17°♌48'17	0.63129 AU
inferior conj	-35 Aug 11 j 00:40	15°♌05'08	-3°-47'-20
minimum elong	-35 Aug 11 j 05:27	14°♌53'17	3°46'10
morning rise	-35 Aug 17 j 20:54	9°♌51'39	
direct	-35 Aug 20 j 08:22	9°♌22'39	
asc. node	-35 Aug 24 j 02:19	10°♌30'03	
morning max el	-35 Aug 26 j 23:30	12°♌47'58	17°53'16
	-35 Sep 07 j 16:31	0°♍	
morning set	-35 Sep 12 j 09:23	8°♍14'29	
superior conj	-35 Sep 24 j 05:42	28°♍39'04	0°54'49
minimum elong	-35 Sep 24 j 10:31	28°♍59'09	0°54'12
	-35 Sep 25 j 01:08	0°♎	
max. Earth dist.	-35 Sep 30 j 18:30	9°♎21'41	1.43666 AU
desc. node	-35 Oct 02 j 18:31	12°♎34'05	
evening rise	-35 Oct 09 j 17:44	23°♎30'22	
	-35 Oct 13 j 23:16	0°♏	
greatest brilliancy	-35 Nov 02 j 20:25	28°♏40'14	-0.5m
	-35 Nov 03 j 21:35	0°♐	
evening max el	-35 Nov 08 j 06:24	5°♐01'05	21°02'12
retrograde	-35 Nov 16 j 17:52	10°♐02'57	
asc. node	-35 Nov 20 j 01:33	9°♐00'41	
evening set	-35 Nov 20 j 17:08	8°♐33'35	
inferior conj	-35 Nov 26 j 03:19	2°♐19'17	1°58'37
minimum elong	-35 Nov 26 j 00:57	2°♐27'26	1°57'45
min. Earth dist.	-35 Nov 26 j 13:25	1°♐44'36	0.67367 AU
	-35 Nov 27 j 20:24	30°♑℞	
morning rise	-35 Dec 01 j 08:23	26°♏03'36	
direct	-35 Dec 06 j 14:33	23°♏47'20	
	-35 Dec 17 j 03:49	0°♐	
morning max el	-35 Dec 17 j 08:40	0°♐12'12	23°50'31
desc. node	-35 Dec 29 j 17:43	15°♐21'13	
	-34 Jan 08 j 19:38	0°♑	
morning set	-34 Jan 21 j 19:48	21°♑00'09	
max. Earth dist.	-34 Jan 25 j 18:25	27°♑51'52	1.38580 AU
	-34 Jan 26 j 23:10	0°♒	
superior conj	-34 Feb 02 j 01:56	11°♒15'56	-1°-50'00
minimum elong	-34 Feb 02 j 05:26	11°♒32'25	1°49'44
evening rise	-34 Feb 11 j 03:24	28°♒49'41	
	-34 Feb 11 j 17:49	0°♓	
asc. node	-34 Feb 16 j 00:53	8°♓12'34	
evening max el	-34 Feb 27 j 13:08	25°♓16'53	18°50'15
retrograde	-34 Mar 07 j 18:31	29°♓15'45	
evening set	-34 Mar 10 j 01:20	28°♓58'32	
inferior conj	-34 Mar 17 j 22:40	24°♓39'10	2°31'35
minimum elong	-34 Mar 18 j 03:02	24°♓31'13	2°30'27
min. Earth dist.	-34 Mar 21 j 05:11	22°♓17'17	0.57363 AU
morning rise	-34 Mar 26 j 00:28	19°♓30'10	
desc. node	-34 Mar 27 j 16:54	18°♓52'42	
direct	-34 Mar 31 j 11:34	18°♓17'44	
morning max el	-34 Apr 14 j 19:25	25°♓46'43	26°01'54
	-34 Apr 18 j 18:26	0°♈	
	-34 May 07 j 23:03	0°♉	
morning set	-34 May 12 j 22:04	10°♉02'57	
asc. node	-34 May 15 j 00:12	14°♉29'36	
superior conj	-34 May 19 j 22:59	25°♉17'00	0°50'13
minimum elong	-34 May 19 j 20:59	25°♉06'04	0°49'50
max. Earth dist.	-34 May 20 j 13:13	26°♉35'02	1.32520 AU
	-34 May 22 j 02:46	0°♊	
evening rise	-34 May 27 j 00:23	10°♊27'08	
	-34 Jun 06 j 04:58	0°♋	
desc. node	-34 Jun 23 j 16:14	25°♋08'31	
evening max el	-34 Jun 26 j 23:54	28°♋33'31	27°02'57
	-34 Jun 28 j 13:54	0°♌	
retrograde	-34 Jul 10 j 22:13	5°♌50'28	
evening set	-34 Jul 17 j 22:22	3°♌38'02	
min. Earth dist.	-34 Jul 21 j 14:02	0°♌55'51	0.61217 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-34 Jul 22 j 16:09	30℞♋	
inferior conj	-34 Jul 24 j 18:35	28°♋09'02	-4°-25'-22
minimum elong	-34 Jul 24 j 22:27	28°♋00'34	4°24'49
morning rise	-34 Aug 01 j 01:30	23°♋16'32	
direct	-34 Aug 03 j 11:39	22°♋52'34	
morning max el	-34 Aug 10 j 13:17	26°♋23'06	18°00'40
asc. node	-34 Aug 10 j 23:24	26°♋48'17	
	-34 Aug 13 j 16:44	0°♌	
morning set	-34 Aug 26 j 10:07	21°♌23'54	
	-34 Aug 31 j 02:28	0°♍	
superior conj	-34 Sep 05 j 16:02	9°♍58'33	1°24'13
minimum elong	-34 Sep 05 j 20:30	10°♍18'09	1°23'47
max. Earth dist.	-34 Sep 13 j 05:13	22°♍52'45	1.42091 AU
	-34 Sep 17 j 13:45	0°♎	
evening rise	-34 Sep 19 j 08:40	2°♎51'39	
desc. node	-34 Sep 19 j 15:34	3°♎19'05	
	-34 Oct 07 j 09:52	0°♏	
greatest brilliancy	-34 Oct 17 j 07:34	13°♏11'18	-0.3m
evening max el	-34 Oct 22 j 00:56	18°♏30'19	22°17'37
retrograde	-34 Oct 31 j 13:42	24°♏10'25	
evening set	-34 Nov 05 j 00:54	22°♏23'54	
asc. node	-34 Nov 06 j 22:36	20°♏33'18	
inferior conj	-34 Nov 10 j 10:14	16°♏02'57	1°10'44
minimum elong	-34 Nov 10 j 08:40	16°♏08'22	1°10'05
min. Earth dist.	-34 Nov 10 j 09:27	16°♏05'40	0.67651 AU
morning rise	-34 Nov 15 j 16:16	9°♏48'42	
direct	-34 Nov 20 j 07:19	7°♏54'46	
morning max el	-34 Nov 29 j 19:41	13°♏32'45	22°23'02
greatest brilliancy	-34 Dec 04 j 10:43	18°♏44'14	-0.3m
	-34 Dec 12 j 23:19	0°♐	
desc. node	-34 Dec 16 j 14:46	5°♐11'46	
	-33 Jan 01 j 18:44	0°♑	
morning set	-33 Jan 02 j 06:16	0°♑46'48	
max. Earth dist.	-33 Jan 07 j 14:49	9°♑39'19	1.40703 AU
superior conj	-33 Jan 15 j 10:12	23°♑15'13	-2°00'-50
minimum elong	-33 Jan 15 j 11:35	23°♑21'22	2°00'49
	-33 Jan 19 j 03:18	0°♒	
evening rise	-33 Jan 25 j 14:12	12°♒02'44	
asc. node	-33 Feb 02 j 21:56	27°♒08'49	
	-33 Feb 04 j 16:02	0°♓	
evening max el	-33 Feb 10 j 19:21	7°♓58'33	18°19'06
retrograde	-33 Feb 17 j 23:49	11°♓32'35	
evening set	-33 Feb 20 j 11:34	11°♓07'57	
inferior conj	-33 Feb 27 j 15:43	6°♓27'32	3°25'20
minimum elong	-33 Feb 27 j 18:50	6°♓20'54	3°24'51
min. Earth dist.	-33 Mar 03 j 01:48	3°♓34'32	0.59364 AU
morning rise	-33 Mar 06 j 22:30	0°♓53'09	
	-33 Mar 08 j 17:54	30°℞♒	
direct	-33 Mar 13 j 07:59	29°♒03'06	
desc. node	-33 Mar 14 j 13:57	29°♒07'13	
	-33 Mar 18 j 01:21	0°♓	
morning max el	-33 Mar 27 j 15:22	6°♓46'30	27°10'01
	-33 Apr 14 j 00:48	0°♈	
morning set	-33 Apr 27 j 07:25	24°♈52'06	
	-33 Apr 29 j 17:40	0°♉	
asc. node	-33 May 01 j 21:15	4°♉38'40	
superior conj	-33 May 04 j 10:46	10°♉15'22	0°26'51
minimum elong	-33 May 04 j 09:35	10°♉08'55	0°26'36
max. Earth dist.	-33 May 04 j 01:59	9°♉27'11	1.32327 AU
evening rise	-33 May 11 j 09:22	25°♉18'05	
	-33 May 13 j 15:46	0°♊	
	-33 May 31 j 04:23	0°♋	
evening max el	-33 Jun 08 j 23:21	10°♋14'56	26°08'26
desc. node	-33 Jun 10 j 13:16	11°♋41'18	
retrograde	-33 Jun 23 j 00:15	17°♋27'49	
evening set	-33 Jun 29 j 07:35	15°♋50'35	
min. Earth dist.	-33 Jul 03 j 12:12	13°♋12'53	0.59163 AU
inferior conj	-33 Jul 06 j 20:06	10°♋41'40	-4°-44'-33
minimum elong	-33 Jul 06 j 21:01	10°♋39'55	4°44'33
morning rise	-33 Jul 14 j 13:57	6°♋11'51	
direct	-33 Jul 17 j 01:12	5°♋50'59	
morning max el	-33 Jul 24 j 21:56	9°♋36'48	18°27'55
asc. node	-33 Jul 28 j 20:29	14°♋11'21	
	-33 Aug 07 j 06:31	0°♌	
morning set	-33 Aug 09 j 23:55	5°♌11'40	
superior conj	-33 Aug 19 j 01:40	22°♌27'12	1°40'58
minimum elong	-33 Aug 19 j 04:08	22°♌38'41	1°40'50
	-33 Aug 23 j 05:08	0°♍	
max. Earth dist.	-33 Aug 26 j 10:57	5°♍42'29	1.40173 AU
evening rise	-33 Aug 30 j 21:07	13°♍13'32	
desc. node	-33 Sep 06 j 12:36	23°♍58'12	
	-33 Sep 10 j 10:16	0°♎	
	-33 Oct 02 j 16:19	0°♏	
evening max el	-33 Oct 04 j 15:06	2°♏02'09	23°37'40
retrograde	-33 Oct 15 j 06:26	8°♏18'44	
evening set	-33 Oct 20 j 07:22	6°♏14'02	
asc. node	-33 Oct 24 j 19:40	1°♏03'43	
inferior conj	-33 Oct 25 j 17:14	29°♎50'16	0°18'36
minimum elong	-33 Oct 25 j 16:47	29°♎51'47	0°18'23
min. Earth dist.	-33 Oct 25 j 06:02	0°♏28'28	0.67612 AU
	-33 Oct 25 j 14:23	30°℞♎	
morning rise	-33 Oct 31 j 02:19	23°♎40'07	
direct	-33 Nov 04 j 03:17	22°♎08'26	
morning max el	-33 Nov 12 j 12:38	27°♎02'00	21°01'57
	-33 Nov 15 j 05:44	0°♏	
greatest brilliancy	-33 Nov 18 j 01:35	3°♏28'08	-0.5m
desc. node	-33 Dec 03 j 11:50	25°♏23'29	
	-33 Dec 06 j 12:54	0°♐	
morning set	-33 Dec 12 j 13:36	9°♐18'31	
max. Earth dist.	-33 Dec 20 j 18:28	22°♐24'17	1.42622 AU
	-33 Dec 25 j 08:46	0°♑	
superior conj	-33 Dec 27 j 19:37	4°♑08'14	-1°-59'-4
minimum elong	-33 Dec 27 j 16:46	3°♑56'07	1°58'59
evening rise	-32 Jan 08 j 10:59	24°♑33'24	
	-32 Jan 11 j 11:54	0°♒	
asc. node	-32 Jan 20 j 18:59	15°♒30'21	
evening max el	-32 Jan 25 j 06:12	21°♒01'41	18°07'43
retrograde	-32 Jan 31 j 21:22	24°♒26'45	
evening set	-32 Feb 03 j 13:26	23°♒53'28	
inferior conj	-32 Feb 10 j 03:41	18°♒51'12	3°48'11
minimum elong	-32 Feb 10 j 04:32	18°♒49'06	3°48'08
min. Earth dist.	-32 Feb 13 j 05:24	15°♒52'00	0.61462 AU
morning rise	-32 Feb 16 j 17:06	12°♒59'53	
direct	-32 Feb 23 j 14:38	10°♒36'28	
desc. node	-32 Feb 29 j 10:59	12°♒08'10	
morning max el	-32 Mar 08 j 17:42	18°♒26'44	27°44'13
	-32 Mar 18 j 11:21	0°♓	
	-32 Apr 05 j 18:16	0°♈	
morning set	-32 Apr 10 j 12:41	9°♈26'49	
max. Earth dist.	-32 Apr 16 j 13:20	22°♈12'17	1.32506 AU
superior conj	-32 Apr 17 j 21:31	25°♈07'22	0°01'26
minimum elong	-32 Apr 17 j 21:27	25°♈07'01	0°01'25
behind sun begin	-32 Apr 17 j 16:23	24°♈39'21	
behind sun end	-32 Apr 18 j 02:31	25°♈34'42	
asc. node	-32 Apr 17 j 18:18	24°♈49'52	
	-32 Apr 20 j 03:05	0°♉	
evening rise	-32 Apr 24 j 20:43	10°♉13'10	
	-32 May 05 j 01:31	0°♊	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-32 May 20 j 16:17	21°♊13'34	24°47'35
desc. node	-32 May 27 j 10:16	26°♊19'33	
retrograde	-32 Jun 03 j 15:27	28°♊18'15	
evening set	-32 Jun 08 j 17:35	27°♊19'30	
min. Earth dist.	-32 Jun 14 j 03:43	24°♊28'52	0.57225 AU
inferior conj	-32 Jun 17 j 02:03	22°♊33'29	-4°-33'-3
minimum elong	-32 Jun 16 j 22:20	22°♊39'38	4°32'40
morning rise	-32 Jun 25 j 06:56	18°♊25'11	
direct	-32 Jun 27 j 20:47	18°♊06'19	
morning max el	-32 Jul 06 j 22:32	22°♊19'56	19°16'04
	-32 Jul 13 j 04:22	0°♋	
asc. node	-32 Jul 14 j 17:33	2°♋24'53	
morning set	-32 Jul 23 j 22:54	19°♋27'22	
	-32 Jul 29 j 05:48	0°♌	
superior conj	-32 Aug 01 j 04:54	5°♌49'18	1°47'02
minimum elong	-32 Aug 01 j 05:16	5°♌51'08	1°47'02
max. Earth dist.	-32 Aug 07 j 14:15	17°♌53'18	1.38158 AU
evening rise	-32 Aug 11 j 10:24	24°♌45'50	
	-32 Aug 14 j 11:14	0°♍	
desc. node	-32 Aug 23 j 09:38	14°♍27'12	
	-32 Sep 03 j 02:32	0°♎	
evening max el	-32 Sep 16 j 02:57	15°♎37'11	24°55'43
retrograde	-32 Sep 27 j 19:08	22°♎24'05	
evening set	-32 Oct 03 j 10:48	20°♎01'50	
min. Earth dist.	-32 Oct 08 j 00:45	14°♎51'03	0.67253 AU
inferior conj	-32 Oct 08 j 22:34	13°♎39'08	0°-36'-21
minimum elong	-32 Oct 08 j 23:28	13°♎36'09	0°35'58
asc. node	-32 Oct 10 j 16:44	11°♎23'18	
morning rise	-32 Oct 14 j 12:37	7°♎35'50	
direct	-32 Oct 18 j 01:11	6°♎24'13	
morning max el	-32 Oct 25 j 13:19	10°♎41'51	19°52'28
greatest brilliancy	-32 Nov 02 j 03:39	20°♎05'26	-0.6m
	-32 Nov 08 j 23:26	0°♏	
desc. node	-32 Nov 19 j 08:52	15°♏49'54	
morning set	-32 Nov 20 j 10:03	17°♏27'07	
	-32 Nov 28 j 11:11	0°♐	
max. Earth dist.	-32 Dec 02 j 05:45	5°♐58'33	1.44079 AU
superior conj	-32 Dec 07 j 02:08	13°♐46'03	-1°-40'-16
minimum elong	-32 Dec 06 j 18:43	13°♐16'02	1°39'41
	-32 Dec 16 j 21:31	0°♑	
evening rise	-32 Dec 20 j 13:19	6°♑12'34	
	-31 Jan 04 j 04:48	0°♒	
asc. node	-31 Jan 06 j 16:01	3°♒05'42	
evening max el	-31 Jan 07 j 18:40	4°♒17'18	18°15'32
retrograde	-31 Jan 14 j 06:23	7°♒46'37	
evening set	-31 Jan 17 j 02:49	7°♒03'49	
inferior conj	-31 Jan 23 j 06:33	1°♒41'11	3°47'49
minimum elong	-31 Jan 23 j 05:28	1°♒44'11	3°47'45
	-31 Jan 24 j 19:08	30°℞♑	
min. Earth dist.	-31 Jan 25 j 18:15	28°♑57'21	0.63388 AU
morning rise	-31 Jan 29 j 06:23	25°♑38'57	
direct	-31 Feb 05 j 05:39	22°♑54'18	
desc. node	-31 Feb 15 j 08:01	27°♑24'34	
	-31 Feb 18 j 06:15	0°♒	
morning max el	-31 Feb 19 j 01:06	0°♒46'02	27°41'23
	-31 Mar 12 j 13:05	0°♓	
morning set	-31 Mar 25 j 11:29	23°♓38'21	
	-31 Mar 28 j 14:30	0°♈	
max. Earth dist.	-31 Mar 30 j 19:06	4°♈35'19	1.33071 AU
superior conj	-31 Apr 02 j 05:26	9°♈46'17	0°-25'-14
minimum elong	-31 Apr 02 j 06:38	9°♈52'47	0°24'59
asc. node	-31 Apr 04 j 15:20	14°♈58'28	
evening rise	-31 Apr 09 j 08:28	25°♈04'45	
	-31 Apr 11 j 17:18	0°♉	
	-31 Apr 30 j 12:19	0°♊	
evening max el	-31 May 02 j 06:43	1°♊48'07	23°13'21
desc. node	-31 May 14 j 07:15	8°♊26'41	
retrograde	-31 May 15 j 18:28	8°♊31'34	
evening set	-31 May 19 j 09:44	8°♊02'32	
min. Earth dist.	-31 May 26 j 16:29	4°♊45'00	0.55732 AU
inferior conj	-31 May 28 j 12:13	3°♊40'55	-3°-38'-50
minimum elong	-31 May 28 j 05:05	3°♊51'24	3°37'09
	-31 Jun 05 j 05:43	30°℞♉	
morning rise	-31 Jun 06 j 03:42	29°♉46'22	
direct	-31 Jun 08 j 21:04	29°♉28'28	
	-31 Jun 12 j 09:18	0°♊	
morning max el	-31 Jun 19 j 12:45	4°♊24'11	20°25'09
asc. node	-31 Jul 01 j 14:35	21°♊16'56	
	-31 Jul 06 j 04:01	0°♋	
morning set	-31 Jul 08 j 04:10	4°♋03'06	
superior conj	-31 Jul 15 j 20:44	19°♋50'22	1°44'34
minimum elong	-31 Jul 15 j 19:31	19°♋44'12	1°44'30
	-31 Jul 20 j 23:49	0°♌	
max. Earth dist.	-31 Jul 20 j 20:18	29°♋43'03	1.36288 AU
evening rise	-31 Jul 24 j 21:25	7°♌21'38	
	-31 Aug 07 j 05:12	0°♍	
desc. node	-31 Aug 10 j 06:38	4°♍40'41	
evening max el	-31 Aug 29 j 14:23	29°♍13'55	26°04'23
	-31 Aug 30 j 09:42	0°♎	
retrograde	-31 Sep 11 j 03:16	6°♎21'40	
evening set	-31 Sep 17 j 09:23	3°♎45'09	
	-31 Sep 20 j 23:18	30°℞♍	
min. Earth dist.	-31 Sep 21 j 15:19	29°♍11'02	0.66557 AU
inferior conj	-31 Sep 23 j 00:27	27°♍27'34	-1°-32'-31
minimum elong	-31 Sep 23 j 02:48	27°♍20'13	1°31'33
asc. node	-31 Sep 27 j 13:46	22°♍29'19	
morning rise	-31 Sep 28 j 21:09	21°♍33'57	
direct	-31 Oct 01 j 23:30	20°♍38'55	
morning max el	-31 Oct 08 j 21:10	24°♍30'45	18°57'37
	-31 Oct 13 j 11:26	0°♎	
morning set	-31 Oct 30 j 20:29	26°♎24'06	
	-31 Nov 02 j 03:23	0°♏	
desc. node	-31 Nov 06 j 05:55	6°♏26'58	
max. Earth dist.	-31 Nov 14 j 22:06	20°♏04'22	1.44896 AU
superior conj	-31 Nov 16 j 09:37	22°♏24'19	-1°-3'-26
minimum elong	-31 Nov 16 j 02:05	21°♏54'35	1°02'33
	-31 Nov 21 j 04:48	0°♐	
evening rise	-31 Dec 01 j 17:19	16°♐54'31	
	-31 Dec 09 j 18:52	0°♑	
evening max el	-31 Dec 22 j 06:13	17°♑40'36	18°41'41
asc. node	-31 Dec 24 j 13:02	19°♑42'26	
retrograde	-31 Dec 28 j 22:44	21°♑25'00	
evening set	-30 Jan 01 j 00:26	20°♑31'32	
inferior conj	-30 Jan 06 j 20:32	14°♑50'48	3°30'47
minimum elong	-30 Jan 06 j 18:14	14°♑57'45	3°30'25
min. Earth dist.	-30 Jan 08 j 16:56	12°♑36'50	0.64996 AU
morning rise	-30 Jan 12 j 10:52	8°♑41'43	
direct	-30 Jan 19 j 03:57	5°♑50'27	
morning max el	-30 Feb 01 j 10:42	13°♑34'41	27°04'34
desc. node	-30 Feb 02 j 05:04	14°♑21'27	
	-30 Feb 14 j 18:23	0°♒	
	-30 Mar 05 j 04:01	0°♓	
morning set	-30 Mar 09 j 00:47	7°♓17'10	
max. Earth dist.	-30 Mar 13 j 15:17	16°♓24'56	1.34064 AU
superior conj	-30 Mar 17 j 08:32	24°♓05'58	0°-52'-3
minimum elong	-30 Mar 17 j 11:01	24°♓19'02	0°51'35
	-30 Mar 20 j 03:40	0°♈	
asc. node	-30 Mar 22 j 12:21	5°♈00'24	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening rise	-30 Mar 24 j 18:51	9°♈46'47	
	-30 Apr 04 j 11:29	0°♉	
evening max el	-30 Apr 14 j 02:00	12°♉29'48	21°40'30
retrograde	-30 Apr 26 j 10:40	18°♉31'39	
evening set	-30 Apr 28 j 23:27	18°♉17'12	
desc. node	-30 May 01 j 04:16	17°♉42'47	
inferior conj	-30 May 08 j 08:42	14°♉15'03	-2°-1'-13
minimum elong	-30 May 08 j 03:12	14°♉22'46	1°59'23
min. Earth dist.	-30 May 08 j 05:23	14°♉19'41	0.55016 AU
morning rise	-30 May 17 j 07:46	10°♉17'57	
direct	-30 May 20 j 08:49	9°♉57'34	
morning max el	-30 Jun 01 j 15:55	15°♉45'41	21°52'38
	-30 Jun 12 j 14:38	0°♊	
asc. node	-30 Jun 18 j 11:37	10°♊37'50	
morning set	-30 Jun 22 j 13:27	18°♊52'11	
	-30 Jun 27 j 20:14	0°♋	
superior conj	-30 Jun 29 j 21:18	4°♋18'22	1°35'24
minimum elong	-30 Jun 29 j 19:08	4°♋07'02	1°35'12
max. Earth dist.	-30 Jul 03 j 10:20	11°♋37'52	1.34740 AU
evening rise	-30 Jul 08 j 01:17	20°♋47'40	
	-30 Jul 12 j 23:45	0°♌	
desc. node	-30 Jul 28 j 03:39	24°♌31'00	
	-30 Aug 01 j 02:45	0°♍	
evening max el	-30 Aug 12 j 02:16	12°♍45'52	26°55'57
retrograde	-30 Aug 25 j 06:11	20°♍03'40	
evening set	-30 Sep 01 j 00:48	17°♍19'30	
min. Earth dist.	-30 Sep 04 j 23:24	13°♍22'50	0.65508 AU
inferior conj	-30 Sep 06 j 20:50	11°♍11'06	-2°-28'-1
minimum elong	-30 Sep 07 j 00:33	11°♍00'21	2°26'41
morning rise	-30 Sep 13 j 01:42	5°♍30'15	
asc. node	-30 Sep 14 j 10:48	4°♍58'44	
direct	-30 Sep 15 j 20:15	4°♍48'00	
morning max el	-30 Sep 22 j 10:06	8°♍23'06	18°18'55
	-30 Oct 07 j 07:37	0°♎	
morning set	-30 Oct 11 j 10:32	6°♎44'07	
desc. node	-30 Oct 24 j 02:57	27°♎10'22	
	-30 Oct 25 j 21:47	0°♏	
superior conj	-30 Oct 26 j 10:38	0°♏50'47	0°-15'-13
minimum elong	-30 Oct 26 j 08:39	0°♏42'55	0°14'58
behind sun begin	-30 Oct 26 j 04:14	0°♏25'30	
behind sun end	-30 Oct 26 j 13:04	1°♏00'21	
max. Earth dist.	-30 Oct 28 j 16:33	4°♏23'17	1.44984 AU
evening rise	-30 Nov 11 j 21:37	26°♏38'35	
	-30 Nov 14 j 01:08	0°♐	
greatest brilliancy	-30 Nov 26 j 16:05	19°♐26'43	-0.7m
	-30 Dec 04 j 13:28	0°♑	
evening max el	-30 Dec 05 j 14:37	1°♑07'46	19°24'53
asc. node	-30 Dec 11 j 10:03	5°♑05'49	
retrograde	-30 Dec 12 j 18:58	5°♑16'19	
evening set	-30 Dec 16 j 03:34	4°♑10'26	
	-30 Dec 20 j 09:09	30°℞♐	
inferior conj	-30 Dec 21 j 18:22	28°♐14'21	3°01'42
minimum elong	-30 Dec 21 j 15:35	28°♐23'21	3°01'00
min. Earth dist.	-30 Dec 23 j 00:15	26°♐37'43	0.66222 AU
morning rise	-30 Dec 27 j 02:48	22°♐01'07	
direct	-29 Jan 02 j 08:21	19°♐16'38	
morning max el	-29 Jan 14 j 19:59	26°♐40'03	26°01'07
	-29 Jan 17 j 22:42	0°♑	
desc. node	-29 Jan 20 j 02:08	2°♑29'53	
	-29 Feb 08 j 08:58	0°♒	
morning set	-29 Feb 20 j 00:28	20°♒10'54	
max. Earth dist.	-29 Feb 23 j 23:36	27°♒40'55	1.35517 AU
	-29 Feb 25 j 04:12	0°♓	
superior conj	-29 Mar 01 j 04:25	7°♓59'27	-1°-17'-34
minimum elong	-29 Mar 01 j 07:56	8°♓17'17	1°17'03
evening rise	-29 Mar 09 j 01:55	24°♓13'16	
asc. node	-29 Mar 09 j 09:23	24°♓51'27	
	-29 Mar 11 j 22:40	0°♈	
evening max el	-29 Mar 27 j 07:29	23°♈42'26	20°19'59
retrograde	-29 Apr 07 j 00:16	28°♈50'57	
evening set	-29 Apr 09 j 03:19	28°♈39'39	
inferior conj	-29 Apr 18 j 04:27	24°♈41'52	0°-2'-15
minimum elong	-29 Apr 18 j 04:21	24°♈42'01	0°02'13
transit middle	-29 Apr 18 j 04:21	24°♈42'01	0°02'13
transit begin	-29 Apr 18 j 00:21	24°♈47'54	
transit end	-29 Apr 18 j 08:21	24°♈36'09	
desc. node	-29 Apr 18 j 01:18	24°♈46'31	
min. Earth dist.	-29 Apr 19 j 19:05	23°♈45'10	0.55254 AU
morning rise	-29 Apr 27 j 03:09	20°♈23'48	
direct	-29 Apr 30 j 21:26	19°♈53'01	
morning max el	-29 May 14 j 10:11	26°♈30'55	23°31'56
	-29 May 17 j 18:18	0°♉	
asc. node	-29 Jun 05 j 08:41	0°♊20'07	
	-29 Jun 05 j 04:45	0°♊	
morning set	-29 Jun 07 j 00:57	3°♊49'18	
superior conj	-29 Jun 14 j 03:44	19°♊04'29	1°21'00
minimum elong	-29 Jun 14 j 01:15	18°♊51'06	1°20'40
max. Earth dist.	-29 Jun 16 j 10:14	23°♊55'12	1.33580 AU
	-29 Jun 19 j 08:05	0°♋	
evening rise	-29 Jun 21 j 17:32	4°♋51'20	
	-29 Jul 05 j 16:14	0°♌	
desc. node	-29 Jul 15 j 00:39	13°♌48'25	
evening max el	-29 Jul 25 j 13:44	26°♌02'56	27°22'57
	-29 Jul 30 j 07:22	0°♍	
retrograde	-29 Aug 08 j 03:14	3°♍22'19	
evening set	-29 Aug 15 j 06:15	0°♍40'19	
	-29 Aug 16 j 02:30	30°℞♌	
min. Earth dist.	-29 Aug 18 j 22:51	27°♌19'09	0.64104 AU
inferior conj	-29 Aug 21 j 09:20	24°♌45'02	-3°-20'-13
minimum elong	-29 Aug 21 j 13:59	24°♌32'48	3°18'51
morning rise	-29 Aug 27 j 23:39	19°♌20'17	
direct	-29 Aug 30 j 13:00	18°♌47'14	
asc. node	-29 Sep 01 j 07:52	19°♌03'33	
morning max el	-29 Sep 06 j 01:36	22°♌13'46	17°57'22
	-29 Sep 12 j 02:07	0°♍	
morning set	-29 Sep 23 j 03:54	18°♍23'28	
	-29 Sep 30 j 00:13	0°♎	
superior conj	-29 Oct 06 j 02:45	10°♎04'44	0°32'01
minimum elong	-29 Oct 06 j 06:12	10°♎18'48	0°31'32
desc. node	-29 Oct 10 j 23:59	17°♎56'48	
max. Earth dist.	-29 Oct 11 j 10:27	18°♎38'28	1.44346 AU
	-29 Oct 18 j 15:50	0°♏	
evening rise	-29 Oct 22 j 08:13	5°♏41'57	
	-29 Nov 07 j 11:39	0°♐	
greatest brilliancy	-29 Nov 12 j 10:53	6°♐58'04	-0.5m
evening max el	-29 Nov 18 j 18:10	14°♐36'20	20°23'06
retrograde	-29 Nov 26 j 16:35	19°♐16'38	
asc. node	-29 Nov 28 j 07:06	19°♐01'59	
evening set	-29 Nov 30 j 09:59	17°♐56'19	
inferior conj	-29 Dec 05 j 21:23	11°♐47'47	2°23'41
minimum elong	-29 Dec 05 j 18:44	11°♐56'47	2°22'48
min. Earth dist.	-29 Dec 06 j 14:15	10°♐50'47	0.67060 AU
morning rise	-29 Dec 11 j 02:57	5°♐32'36	
direct	-29 Dec 16 j 18:03	3°♐04'26	
morning max el	-29 Dec 28 j 04:21	9°♐53'06	24°40'33
desc. node	-28 Jan 06 j 23:11	21°♐28'52	
	-28 Jan 13 j 03:12	0°♑	
	-28 Feb 01 j 00:50	0°♒	
morning set	-28 Feb 02 j 05:03	2°♒03'34	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	-28 Feb 05 j 22:01	8°♒42'54	1.37388 AU
superior conj	-28 Feb 12 j 13:53	21°♒17'19	-1°-39'-47
minimum elong	-28 Feb 12 j 17:44	21°♒36'03	1°39'23
	-28 Feb 16 j 23:54	0°♓	
evening rise	-28 Feb 21 j 03:24	8°♓17'07	
asc. node	-28 Feb 24 j 06:26	14°♓26'08	
	-28 Mar 04 j 08:21	0°♈	
evening max el	-28 Mar 09 j 00:07	5°♈32'29	19°17'16
retrograde	-28 Mar 18 j 00:38	9°♈52'47	
evening set	-28 Mar 20 j 05:03	9°♈38'39	
inferior conj	-28 Mar 28 j 13:03	5°♈29'24	1°44'33
minimum elong	-28 Mar 28 j 16:53	5°♈23'02	1°43'21
min. Earth dist.	-28 Mar 31 j 09:53	3°♈35'24	0.56396 AU
desc. node	-28 Apr 03 j 22:20	1°♈33'32	
morning rise	-28 Apr 06 j 00:48	0°♈39'18	
	-28 Apr 08 j 09:26	30°℞♓	
direct	-28 Apr 10 j 20:33	29°♓45'52	
	-28 Apr 13 j 07:38	0°♈	
morning max el	-28 Apr 25 j 00:43	6°♈59'49	25°11'09
	-28 May 11 j 20:19	0°♉	
morning set	-28 May 21 j 12:56	18°♉47'48	
asc. node	-28 May 22 j 05:44	20°♉16'37	
	-28 May 26 j 17:44	0°♊	
superior conj	-28 May 28 j 13:42	4°♊00'04	1°02'26
minimum elong	-28 May 28 j 11:24	3°♊47'30	1°02'03
max. Earth dist.	-28 May 29 j 17:53	6°♊33'27	1.32802 AU
evening rise	-28 Jun 04 j 18:26	19°♊20'05	
	-28 Jun 10 j 04:04	0°♋	
	-28 Jun 29 j 01:04	0°♌	
desc. node	-28 Jun 30 j 21:40	2°♌18'32	
evening max el	-28 Jul 06 j 22:22	8°♌50'44	27°19'43
retrograde	-28 Jul 20 j 17:43	16°♌08'18	
evening set	-28 Jul 27 j 22:02	13°♌41'03	
min. Earth dist.	-28 Jul 31 j 12:01	10°♌48'30	0.62353 AU
inferior conj	-28 Aug 03 j 10:59	8°♌02'04	-4°-5'-9
minimum elong	-28 Aug 03 j 15:36	7°♌51'13	4°04'13
morning rise	-28 Aug 10 j 11:41	2°♌57'00	
direct	-28 Aug 12 j 22:26	2°♌30'17	
asc. node	-28 Aug 18 j 04:57	4°♌36'55	
morning max el	-28 Aug 19 j 16:50	5°♌56'24	17°54'01
	-28 Sep 04 j 04:28	0°♍	
morning set	-28 Sep 04 j 18:55	1°♍04'56	
superior conj	-28 Sep 15 j 21:33	20°♍38'15	1°08'54
minimum elong	-28 Sep 16 j 02:33	20°♍59'32	1°08'20
	-28 Sep 21 j 11:42	0°♎	
max. Earth dist.	-28 Sep 23 j 00:50	2°♎32'02	1.43061 AU
desc. node	-28 Sep 26 j 21:01	8°♎43'16	
evening rise	-28 Sep 30 j 16:23	14°♎43'29	
	-28 Oct 10 j 16:58	0°♏	
greatest brilliancy	-28 Oct 26 j 16:56	22°♏23'38	-0.4m
evening max el	-28 Oct 31 j 15:55	28°♏05'14	21°33'20
	-28 Nov 02 j 16:11	0°♐	
retrograde	-28 Nov 09 j 13:34	3°♐22'52	
evening set	-28 Nov 13 j 17:47	1°♐46'10	
asc. node	-28 Nov 14 j 04:10	1°♐24'53	
	-28 Nov 15 j 14:45	30°℞♏	
inferior conj	-28 Nov 19 j 03:26	25°♏28'35	1°38'55
minimum elong	-28 Nov 19 j 01:22	25°♏35'45	1°38'06
min. Earth dist.	-28 Nov 19 j 08:44	25°♏10'18	0.67533 AU
morning rise	-28 Nov 24 j 08:40	19°♏13'28	
direct	-28 Nov 29 j 08:19	17°♏06'44	
morning max el	-28 Dec 09 j 13:38	23°♏11'18	23°13'00
greatest brilliancy	-28 Dec 14 j 14:59	28°♏51'32	-0.3m
	-28 Dec 15 j 13:16	0°♐	

desc. node	-28 Dec 23 j 20:15	11°♐03'53	
	-27 Jan 05 j 12:46	0°♑	
morning set	-27 Jan 13 j 08:20	12°♑39'38	
max. Earth dist.	-27 Jan 17 j 17:28	20°♑07'16	1.39494 AU
	-27 Jan 23 j 06:52	0°♒	
superior conj	-27 Jan 25 j 08:48	3°♒49'04	-1°-55'-50
minimum elong	-27 Jan 25 j 11:39	4°♒02'16	1°55'42
evening rise	-27 Feb 03 j 20:34	21°♒51'31	
	-27 Feb 08 j 03:30	0°♓	
asc. node	-27 Feb 10 j 03:29	3°♓38'45	
evening max el	-27 Feb 20 j 02:07	17°♓57'17	18°34'27
retrograde	-27 Feb 27 j 19:29	21°♓43'54	
evening set	-27 Mar 02 j 04:25	21°♓23'43	
inferior conj	-27 Mar 09 j 18:02	16°♓55'15	2°58'39
minimum elong	-27 Mar 09 j 22:07	16°♓47'17	2°57'44
min. Earth dist.	-27 Mar 13 j 03:43	14°♓17'26	0.58182 AU
morning rise	-27 Mar 17 j 11:48	11°♓34'16	
desc. node	-27 Mar 21 j 19:23	10°♓12'44	
direct	-27 Mar 23 j 09:15	10°♓06'24	
morning max el	-27 Apr 06 j 17:46	17°♓42'19	26°34'40
	-27 Apr 16 j 22:42	0°♈	
	-27 May 04 j 04:50	0°♉	
morning set	-27 May 05 j 23:44	3°♉42'06	
asc. node	-27 May 09 j 02:48	10°♉22'21	
superior conj	-27 May 13 j 01:19	18°♉58'56	0°40'36
minimum elong	-27 May 12 j 23:37	18°♉49'40	0°40'16
max. Earth dist.	-27 May 13 j 05:50	19°♉23'49	1.32393 AU
	-27 May 18 j 02:50	0°♊	
evening rise	-27 May 20 j 01:07	4°♊04'49	
	-27 Jun 02 j 23:04	0°♋	
desc. node	-27 Jun 17 j 18:41	19°♋41'30	
evening max el	-27 Jun 19 j 01:26	20°♋57'09	26°43'26
retrograde	-27 Jul 03 j 00:51	28°♋12'39	
evening set	-27 Jul 09 j 19:41	26°♋13'42	
min. Earth dist.	-27 Jul 13 j 14:55	23°♋36'02	0.60348 AU
inferior conj	-27 Jul 16 j 22:17	20°♋53'11	-4°-36'-28
minimum elong	-27 Jul 17 j 01:11	20°♋47'13	4°36'12
morning rise	-27 Jul 24 j 09:53	16°♋10'34	
direct	-27 Jul 26 j 20:21	15°♋48'03	
morning max el	-27 Aug 03 j 04:49	19°♋23'20	18°09'51
asc. node	-27 Aug 05 j 02:02	21°♋24'19	
	-27 Aug 11 j 00:44	0°♌	
morning set	-27 Aug 19 j 01:44	14°♌31'55	
	-27 Aug 27 j 09:27	0°♍	
superior conj	-27 Aug 28 j 18:30	2°♍29'22	1°32'46
minimum elong	-27 Aug 28 j 22:12	2°♍46'01	1°32'28
max. Earth dist.	-27 Sep 05 j 09:29	15°♍46'54	1.41300 AU
evening rise	-27 Sep 10 j 15:21	24°♍27'16	
desc. node	-27 Sep 13 j 18:02	29°♍26'07	
	-27 Sep 14 j 02:36	0°♎	
	-27 Oct 04 j 15:17	0°♏	
greatest brilliancy	-27 Oct 09 j 06:01	5°♏52'28	-0.3m
evening max el	-27 Oct 14 j 08:13	11°♏34'53	22°51'23
retrograde	-27 Oct 24 j 08:20	17°♏31'24	
evening set	-27 Oct 29 j 01:13	15°♏36'59	
asc. node	-27 Nov 01 j 01:14	12°♏26'15	
inferior conj	-27 Nov 03 j 10:35	9°♏14'05	0°49'01
minimum elong	-27 Nov 03 j 09:28	9°♏17'58	0°48'33
min. Earth dist.	-27 Nov 03 j 05:16	9°♏32'29	0.67673 AU
morning rise	-27 Nov 08 j 17:42	3°♏01'20	
direct	-27 Nov 13 j 02:27	1°♏17'17	
morning max el	-27 Nov 22 j 02:59	6°♏35'53	21°47'22
greatest brilliancy	-27 Nov 26 j 23:37	12°♏06'35	-0.4m
	-27 Dec 09 j 23:50	0°♐	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-27 Dec 10 j 17:17	1°♐04'08	
morning set	-27 Dec 24 j 06:22	21°♐51'19	
	-27 Dec 29 j 07:01	0°♑	
max. Earth dist.	-27 Dec 30 j 16:35	2°♑18'51	1.41562 AU
superior conj	-26 Jan 07 j 07:54	15°♑21'03	-2°-1'-54
minimum elong	-26 Jan 07 j 07:43	15°♑20'14	2°01'55
	-26 Jan 15 j 11:24	0°♒	
evening rise	-26 Jan 18 j 01:53	4°♒47'29	
asc. node	-26 Jan 28 j 00:32	22°♒21'24	
	-26 Feb 02 j 15:41	0°♓	
evening max el	-26 Feb 03 j 10:34	0°♓48'35	18°11'49
retrograde	-26 Feb 10 j 08:16	4°♓17'22	
evening set	-26 Feb 12 j 21:45	3°♓49'19	
	-26 Feb 18 j 16:30	30°℞♒	
inferior conj	-26 Feb 19 j 19:34	28°♒59'35	3°38'19
minimum elong	-26 Feb 19 j 21:45	28°♒54'40	3°38'05
min. Earth dist.	-26 Feb 23 j 03:11	26°♒00'41	0.60261 AU
morning rise	-26 Feb 26 j 18:31	23°♒16'39	
direct	-26 Mar 05 j 10:18	21°♒11'15	
desc. node	-26 Mar 08 j 16:26	21°♒39'35	
morning max el	-26 Mar 19 j 16:40	28°♒59'11	27°29'06
	-26 Mar 20 j 16:49	0°♓	
	-26 Apr 10 j 18:00	0°♈	
morning set	-26 Apr 20 j 07:35	18°♈26'05	
asc. node	-26 Apr 25 j 23:51	0°♉32'55	
	-26 Apr 25 j 17:48	0°♉	
max. Earth dist.	-26 Apr 26 j 18:22	2°♉14'05	1.32349 AU
superior conj	-26 Apr 27 j 12:51	3°♉55'17	0°16'16
minimum elong	-26 Apr 27 j 12:07	3°♉51'17	0°16'07
evening rise	-26 May 04 j 11:18	18°♉58'04	
	-26 May 09 j 21:50	0°♊	
	-26 May 29 j 15:08	0°♋	
evening max el	-26 May 31 j 21:42	2°♋18'40	25°36'38
desc. node	-26 Jun 04 j 15:41	5°♋30'07	
retrograde	-26 Jun 14 j 22:57	9°♋30'01	
evening set	-26 Jun 20 j 19:05	8°♋09'16	
min. Earth dist.	-26 Jun 25 j 09:54	5°♋28'01	0.58294 AU
inferior conj	-26 Jun 28 j 15:45	3°♋09'25	-4°-44'-17
minimum elong	-26 Jun 28 j 14:49	3°♋11'06	4°44'16
	-26 Jul 03 j 14:13	30°℞♊	
morning rise	-26 Jul 06 j 14:20	28°♊49'30	
direct	-26 Jul 09 j 02:21	28°♊29'46	
	-26 Jul 14 j 06:20	0°♋	
morning max el	-26 Jul 17 j 10:29	2°♋25'53	18°45'55
asc. node	-26 Jul 22 j 23:05	9°♋10'41	
morning set	-26 Aug 02 j 19:51	28°♋32'48	
	-26 Aug 03 j 13:43	0°♌	
superior conj	-26 Aug 11 j 12:20	15°♌23'17	1°44'43
minimum elong	-26 Aug 11 j 13:53	15°♌30'37	1°44'39
max. Earth dist.	-26 Aug 18 j 13:11	28°♌17'20	1.39304 AU
	-26 Aug 19 j 12:28	0°♍	
evening rise	-26 Aug 22 j 14:29	5°♍19'44	
desc. node	-26 Aug 31 j 15:03	20°♍01'51	
	-26 Sep 07 j 05:11	0°♎	
evening max el	-26 Sep 26 j 21:01	25°♎08'09	24°11'29
	-26 Oct 02 j 20:10	0°♏	
retrograde	-26 Oct 07 j 23:36	1°♏39'23	
	-26 Oct 12 j 14:02	30°℞♎	
evening set	-26 Oct 13 j 06:37	29°♎27'06	
min. Earth dist.	-26 Oct 18 j 01:28	23°♎55'51	0.67498 AU
inferior conj	-26 Oct 18 j 17:06	23°♎03'02	0°-4'-27
minimum elong	-26 Oct 18 j 17:13	23°♎02'40	0°04'25
transit middle	-26 Oct 18 j 17:13	23°♎02'40	0°04'25
transit begin	-26 Oct 18 j 14:35	23°♎11'33	
transit end	-26 Oct 18 j 19:50	22°♎53'48	
asc. node	-26 Oct 18 j 22:17	22°♎45'35	
morning rise	-26 Oct 24 j 04:04	16°♎55'13	
direct	-26 Oct 27 j 23:27	15°♎32'30	
morning max el	-26 Nov 04 j 23:09	20°♎10'04	20°30'38
greatest brilliancy	-26 Nov 11 j 05:57	27°♎38'34	-0.5m
	-26 Nov 13 j 00:00	0°♏	
desc. node	-26 Nov 27 j 14:19	21°♏22'54	
morning set	-26 Dec 03 j 06:05	0°♐04'27	
	-26 Dec 03 j 04:56	0°♐	
max. Earth dist.	-26 Dec 12 j 22:57	15°♐24'03	1.43315 AU
superior conj	-26 Dec 19 j 06:04	25°♐42'24	-1°-53'-22
minimum elong	-26 Dec 19 j 01:05	25°♐21'42	1°53'06
	-26 Dec 21 j 19:36	0°♑	
evening rise	-26 Dec 31 j 15:18	16°♑57'03	
	-25 Jan 08 j 03:20	0°♒	
asc. node	-25 Jan 14 j 21:34	10°♒24'55	
evening max el	-25 Jan 17 j 22:27	13°♒58'05	18°08'46
retrograde	-25 Jan 24 j 11:05	17°♒23'20	
evening set	-25 Jan 27 j 04:55	16°♒46'13	
inferior conj	-25 Feb 02 j 14:21	11°♒35'23	3°50'22
minimum elong	-25 Feb 02 j 14:18	11°♒35'30	3°50'23
min. Earth dist.	-25 Feb 05 j 10:39	8°♒40'07	0.62319 AU
morning rise	-25 Feb 08 j 21:28	5°♒38'49	
direct	-25 Feb 15 j 21:04	3°♒04'11	
desc. node	-25 Feb 23 j 13:28	5°♒42'28	
morning max el	-25 Mar 01 j 21:16	10°♒56'27	27°47'22
	-25 Mar 16 j 20:51	0°♓	
	-25 Apr 03 j 00:09	0°♈	
morning set	-25 Apr 04 j 10:22	2°♈51'56	
max. Earth dist.	-25 Apr 10 j 03:34	14°♈50'19	1.32690 AU
superior conj	-25 Apr 11 j 22:35	18°♈42'41	0°-9'-48
minimum elong	-25 Apr 11 j 23:03	18°♈45'12	0°09'43
behind sun begin	-25 Apr 11 j 18:57	18°♈22'55	
behind sun end	-25 Apr 12 j 03:10	19°♈07'30	
asc. node	-25 Apr 12 j 20:51	20°♈43'37	
	-25 Apr 17 j 03:26	0°♉	
evening rise	-25 Apr 18 j 23:00	3°♉52'24	
	-25 May 03 j 02:10	0°♊	
evening max el	-25 May 13 j 12:55	13°♊04'20	24°08'23
desc. node	-25 May 22 j 12:43	19°♊08'30	
retrograde	-25 May 27 j 09:13	20°♊02'11	
evening set	-25 May 31 j 20:09	19°♊18'07	
min. Earth dist.	-25 Jun 07 j 00:10	16°♊17'18	0.56506 AU
inferior conj	-25 Jun 09 j 13:03	14°♊42'29	-4°-15'-47
minimum elong	-25 Jun 09 j 07:28	14°♊51'13	4°14'53
morning rise	-25 Jun 17 j 22:30	10°♊41'08	
direct	-25 Jun 20 j 13:32	10°♊22'54	
morning max el	-25 Jun 30 j 06:51	14°♊53'25	19°42'59
asc. node	-25 Jul 09 j 20:06	27°♊41'55	
	-25 Jul 11 j 03:47	0°♋	
morning set	-25 Jul 17 j 21:48	12°♋57'45	
superior conj	-25 Jul 25 j 21:25	29°♋03'12	1°46'55
minimum elong	-25 Jul 25 j 21:03	29°♋01'21	1°46'54
	-25 Jul 26 j 08:54	0°♌	
max. Earth dist.	-25 Jul 31 j 16:41	10°♌15'03	1.37330 AU
evening rise	-25 Aug 04 j 13:35	17°♌20'40	
	-25 Aug 11 j 22:21	0°♍	
desc. node	-25 Aug 18 j 12:05	10°♍25'02	
	-25 Sep 01 j 13:37	0°♎	
evening max el	-25 Sep 09 j 08:39	8°♎45'01	25°26'37
retrograde	-25 Sep 21 j 10:25	15°♎41'56	
evening set	-25 Sep 27 j 08:13	13°♎13'23	
min. Earth dist.	-25 Oct 01 j 18:48	8°♎17'44	0.66997 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-25 Oct 02 j 21:12	6°♎52'23	-1°00'-6	
minimum elong	-25 Oct 02 j 22:43	6°♎47'30	0°59'28	
asc. node	-25 Oct 05 j 19:18	3°♎18'52		
morning rise	-25 Oct 08 j 13:51	0°♎52'34		
	-25 Oct 10 j 11:33	30°℞♍		
direct	-25 Oct 11 j 21:51	29°♍48'18		
	-25 Oct 13 j 08:54	0°♎		
morning max el	-25 Oct 19 j 02:55	3°♎53'49	19°27'11	
greatest brilliancy	-25 Oct 28 j 05:22	15°♎34'36	-0.7m	
	-25 Nov 06 j 18:50	0°♏		
morning set	-25 Nov 12 j 05:49	8°♏26'35		
desc. node	-25 Nov 14 j 11:22	11°♏54'40		
max. Earth dist.	-25 Nov 25 j 12:43	29°♏14'23	1.44517 AU	
	-25 Nov 26 j 00:14	0°♐		
superior conj	-25 Nov 29 j 01:46	4°♐52'25	-1°-26'-41	
minimum elong	-25 Nov 28 j 17:29	4°♐19'24	1°25'53	
evening rise	-25 Dec 13 j 08:33	28°♐12'54		
	-25 Dec 14 j 10:12	0°♑		
evening max el	-24 Jan 01 j 10:57	27°♑18'48	18°24'30	
asc. node	-24 Jan 01 j 18:35	27°♑37'50		
	-24 Jan 04 j 20:05	0°♒		
retrograde	-24 Jan 07 j 23:36	0°♒52'52		
evening set	-24 Jan 10 j 22:13	0°♒05'35		
	-24 Jan 11 j 02:20	30°℞♑		
inferior conj	-24 Jan 16 j 22:24	24°♑35'05	3°42'17	
minimum elong	-24 Jan 16 j 20:42	24°♑39'57	3°42'06	
min. Earth dist.	-24 Jan 19 j 03:36	22°♑02'43	0.64125 AU	
morning rise	-24 Jan 22 j 17:45	18°♑29'51		
direct	-24 Jan 29 j 15:22	15°♑40'33		
desc. node	-24 Feb 10 j 10:30	21°♑46'19		
morning max el	-24 Feb 12 j 05:44	23°♑29'41	27°29'26	
	-24 Feb 18 j 01:44	0°♒		
	-24 Mar 09 j 03:44	0°♓		
morning set	-24 Mar 18 j 05:33	16°♓51'19		
max. Earth dist.	-24 Mar 23 j 05:42	27°♓00'45	1.33443 AU	
	-24 Mar 24 j 15:55	0°♈		
superior conj	-24 Mar 26 j 04:45	3°♈15'02	0°-36'-39	
minimum elong	-24 Mar 26 j 06:31	3°♈24'26	0°36'18	
asc. node	-24 Mar 29 j 17:53	10°♈50'33		
evening rise	-24 Apr 02 j 10:25	18°♈41'32		
	-24 Apr 08 j 01:00	0°♉		
evening max el	-24 Apr 24 j 04:42	23°♉39'07	22°32'55	
	-24 May 05 j 14:22	0°♊		
retrograde	-24 May 07 j 06:34	0°♊06'23		
desc. node	-24 May 08 j 09:42	0°♊03'32		
	-24 May 08 j 23:13	30°℞♉		
evening set	-24 May 10 j 08:57	29°♉45'19		
min. Earth dist.	-24 May 18 j 12:38	26°♉12'53	0.55324 AU	
inferior conj	-24 May 19 j 16:12	25°♉33'42	-3°-1'-58	
minimum elong	-24 May 19 j 09:03	25°♉43'53	2°59'56	
morning rise	-24 May 28 j 11:31	21°♉40'20		
direct	-24 May 31 j 07:39	21°♉21'48		
morning max el	-24 Jun 11 j 16:10	26°♉38'58	21°00'21	
	-24 Jun 14 j 20:42	0°♊		
asc. node	-24 Jun 25 j 17:09	16°♊47'26		
morning set	-24 Jul 01 j 05:02	27°♊39'58		
	-24 Jul 02 j 08:08	0°♋		
superior conj	-24 Jul 08 j 17:21	13°♋16'38	1°41'23	
minimum elong	-24 Jul 08 j 15:39	13°♋07'54	1°41'17	
max. Earth dist.	-24 Jul 13 j 02:01	22°♋05'26	1.35589 AU	
evening rise	-24 Jul 17 j 08:22	0°♌19'18		
	-24 Jul 17 j 04:16	0°♌		
desc. node	-24 Aug 04 j 09:05	0°♍29'34		
	-24 Aug 04 j 01:05	0°♍		

evening max el	-24 Aug 21 j 20:28	22°♍21'08	26°28'56	
retrograde	-24 Sep 03 j 16:08	29°♍33'27		
evening set	-24 Sep 10 j 04:01	26°♍52'51		
min. Earth dist.	-24 Sep 14 j 06:50	22°♍34'43	0.66156 AU	
inferior conj	-24 Sep 15 j 21:00	20°♍38'59	-1°-56'-15	
minimum elong	-24 Sep 15 j 23:57	20°♍30'01	1°55'07	
morning rise	-24 Sep 21 j 20:59	14°♍50'23		
asc. node	-24 Sep 21 j 16:21	14°♍56'59		
direct	-24 Sep 24 j 19:50	14°♍01'04		
morning max el	-24 Oct 01 j 13:11	17°♍44'22	18°39'09	
	-24 Oct 10 j 18:22	0°♎		
morning set	-24 Oct 22 j 03:21	17°♎57'47		
	-24 Oct 29 j 17:12	0°♏		
desc. node	-24 Oct 31 j 08:24	2°♏34'51		
superior conj	-24 Nov 07 j 03:44	13°♏17'42	0°-43'-40	
minimum elong	-24 Nov 06 j 22:06	12°♏55'33	0°42'58	
max. Earth dist.	-24 Nov 07 j 06:58	13°♏30'25	1.45025 AU	
	-24 Nov 17 j 18:02	0°♐		
evening rise	-24 Nov 23 j 02:21	8°♐30'00		
	-24 Dec 06 j 17:38	0°♑		
evening max el	-24 Dec 14 j 21:26	10°♑44'33	18°58'02	
asc. node	-24 Dec 18 j 15:37	13°♑45'45		
retrograde	-24 Dec 21 j 18:02	14°♑38'01		
evening set	-24 Dec 24 j 22:31	13°♑39'19		
inferior conj	-24 Dec 30 j 16:05	7°♑51'30	3°19'43	
minimum elong	-24 Dec 30 j 13:30	7°♑59'34	3°19'11	
min. Earth dist.	-23 Jan 01 j 06:02	5°♑53'14	0.65567 AU	
morning rise	-23 Jan 05 j 03:32	1°♑40'30		
	-23 Jan 07 j 11:20	30°℞♐		
direct	-23 Jan 11 j 16:09	28°♐51'04		
	-23 Jan 16 j 05:58	0°♑		
morning max el	-23 Jan 24 j 15:31	6°♑27'27	26°40'21	
desc. node	-23 Jan 27 j 07:34	9°♑16'58		
	-23 Feb 11 j 20:16	0°♒		
	-23 Mar 01 j 10:57	0°♓		
morning set	-23 Mar 01 j 13:38	0°♓12'44		
max. Earth dist.	-23 Mar 05 j 21:16	8°♓36'52	1.34637 AU	
superior conj	-23 Mar 10 j 05:07	17°♓24'40	-1°-3'-8	
minimum elong	-23 Mar 10 j 08:06	17°♓40'06	1°02'37	
	-23 Mar 16 j 05:36	0°♈		
asc. node	-23 Mar 16 j 14:55	0°♈48'43		
evening rise	-23 Mar 17 j 19:40	3°♈18'11		
	-23 Apr 02 j 02:53	0°♉		
evening max el	-23 Apr 06 j 03:47	4°♉31'22	21°04'08	
retrograde	-23 Apr 17 j 20:12	10°♉11'12		
evening set	-23 Apr 20 j 03:04	9°♉58'57		
desc. node	-23 Apr 25 j 06:43	8°♉13'47		
inferior conj	-23 Apr 29 j 10:27	6°♉00'27	-1°-11'-18	
minimum elong	-23 Apr 29 j 07:05	6°♉05'13	1°10'06	
min. Earth dist.	-23 Apr 30 j 01:28	5°♉39'14	0.55005 AU	
morning rise	-23 May 08 j 10:41	1°♉56'56		
direct	-23 May 11 j 17:46	1°♉33'29		
morning max el	-23 May 24 j 15:03	7°♉43'07	22°34'07	
	-23 Jun 09 j 07:53	0°♊		
asc. node	-23 Jun 12 j 14:12	6°♊18'23		
morning set	-23 Jun 15 j 15:29	12°♊33'22		
superior conj	-23 Jun 22 j 20:44	27°♊53'25	1°29'51	
minimum elong	-23 Jun 22 j 18:22	27°♊40'51	1°29'36	
	-23 Jun 23 j 20:42	0°♋		
max. Earth dist.	-23 Jun 25 j 20:26	4°♋09'27	1.34197 AU	
evening rise	-23 Jun 30 j 17:59	14°♋02'34		
	-23 Jul 09 j 09:30	0°♌		
desc. node	-23 Jul 22 j 06:05	20°♌07'27		
	-23 Jul 29 j 22:04	0°♍		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-23 Aug 04 j 08:15	5°♍47'55	27°10'49
retrograde	-23 Aug 17 j 16:33	13°♍07'06	
evening set	-23 Aug 24 j 15:36	10°♍22'10	
min. Earth dist.	-23 Aug 28 j 11:19	6°♍41'27	0.64952 AU
inferior conj	-23 Aug 30 j 14:22	4°♍19'08	-2°-50'-46
minimum elong	-23 Aug 30 j 18:33	4°♍07'28	2°49'22
	-23 Sep 03 j 23:11	30°℞♌	
morning rise	-23 Sep 05 j 23:07	28°♌45'01	
direct	-23 Sep 08 j 15:11	28°♌07'05	
asc. node	-23 Sep 08 j 13:25	28°♌07'07	
	-23 Sep 13 j 07:56	0°♍	
morning max el	-23 Sep 15 j 03:38	1°♍37'18	18°07'43
morning set	-23 Oct 03 j 05:35	28°♍53'36	
	-23 Oct 03 j 21:32	0°♎	
superior conj	-23 Oct 17 j 08:54	21°♎58'25	0°05'40
minimum elong	-23 Oct 17 j 09:36	22°♎01'13	0°05'33
behind sun begin	-23 Oct 16 j 23:24	21°♎20'29	
behind sun end	-23 Oct 17 j 19:49	22°♎41'53	
desc. node	-23 Oct 18 j 05:26	23°♎20'12	
max. Earth dist.	-23 Oct 21 j 01:48	27°♎51'03	1.44791 AU
	-23 Oct 22 j 10:30	0°♏	
evening rise	-23 Nov 02 j 21:56	17°♏54'01	
	-23 Nov 10 j 18:13	0°♐	
greatest brilliancy	-23 Nov 20 j 13:37	14°♐37'24	-0.6m
evening max el	-23 Nov 28 j 03:54	24°♐12'29	19°47'53
retrograde	-23 Dec 05 j 15:18	28°♐34'09	
asc. node	-23 Dec 05 j 12:40	28°♐34'05	
evening set	-23 Dec 09 j 03:22	27°♐22'20	
inferior conj	-23 Dec 14 j 16:28	21°♐20'17	2°46'34
minimum elong	-23 Dec 14 j 13:41	21°♐29'31	2°45'45
min. Earth dist.	-23 Dec 15 j 16:34	20°♐00'36	0.66620 AU
morning rise	-23 Dec 19 j 23:20	15°♐05'48	
direct	-23 Dec 25 j 22:49	12°♐27'34	
morning max el	-22 Jan 07 j 00:39	19°♐38'11	25°28'24
desc. node	-22 Jan 14 j 04:39	27°♐49'24	
	-22 Jan 15 j 21:33	0°♑	
	-22 Feb 04 j 22:56	0°♒	
morning set	-22 Feb 12 j 06:00	12°♒43'05	
max. Earth dist.	-22 Feb 16 j 01:05	19°♒44'36	1.36275 AU
	-22 Feb 21 j 08:06	0°♓	
superior conj	-22 Feb 21 j 21:01	1°♓04'12	-1°-27'-33
minimum elong	-22 Feb 22 j 00:47	1°♓23'03	1°27'02
evening rise	-22 Mar 02 j 00:42	17°♓36'11	
asc. node	-22 Mar 03 j 11:58	20°♓33'41	
	-22 Mar 08 j 09:43	0°♈	
evening max el	-22 Mar 19 j 14:00	15°♈59'35	19°50'48
retrograde	-22 Mar 29 j 13:19	20°♈46'41	
evening set	-22 Mar 31 j 15:52	20°♈34'48	
inferior conj	-22 Apr 09 j 10:18	16°♈33'28	0°46'17
minimum elong	-22 Apr 09 j 12:18	16°♈30'24	0°45'35
min. Earth dist.	-22 Apr 11 j 15:43	15°♈11'19	0.55642 AU
desc. node	-22 Apr 12 j 03:47	14°♈53'15	
morning rise	-22 Apr 18 j 05:31	12°♈02'01	
direct	-22 Apr 22 j 09:41	11°♈23'26	
morning max el	-22 May 06 j 07:11	18°♈19'05	24°15'06
	-22 May 15 j 22:32	0°♉	
asc. node	-22 May 30 j 11:15	26°♉07'28	
morning set	-22 May 31 j 03:22	27°♉31'52	
	-22 Jun 01 j 07:21	0°♊	
superior conj	-22 Jun 07 j 04:56	12°♊44'43	1°13'34
minimum elong	-22 Jun 07 j 02:28	12°♊31'20	1°13'12
max. Earth dist.	-22 Jun 08 j 23:45	16°♊35'24	1.33197 AU
evening rise	-22 Jun 14 j 14:17	28°♊18'06	
	-22 Jun 15 j 10:32	0°♋	
	-22 Jul 02 j 14:11	0°♌	
desc. node	-22 Jul 09 j 03:06	9°♌07'00	
evening max el	-22 Jul 17 j 18:35	18°♌53'24	27°25'32
retrograde	-22 Jul 31 j 11:10	26°♌13'13	
evening set	-22 Aug 07 j 15:46	23°♌35'31	
min. Earth dist.	-22 Aug 11 j 06:27	20°♌27'57	0.63389 AU
inferior conj	-22 Aug 13 j 22:37	17°♌46'40	-3°-40'-32
minimum elong	-22 Aug 14 j 03:24	17°♌34'36	3°39'18
morning rise	-22 Aug 20 j 17:18	12°♌30'11	
direct	-22 Aug 23 j 05:07	12°♌00'17	
asc. node	-22 Aug 26 j 10:30	12°♌51'03	
morning max el	-22 Aug 29 j 19:26	15°♌25'48	17°53'44
	-22 Sep 09 j 00:13	0°♍	
morning set	-22 Sep 15 j 08:52	11°♍01'08	
	-22 Sep 26 j 10:35	0°♎	
superior conj	-22 Sep 27 j 11:49	1°♎44'53	0°49'12
minimum elong	-22 Sep 27 j 16:24	2°♎03'54	0°48'37
max. Earth dist.	-22 Oct 03 j 17:59	11°♎57'12	1.43860 AU
desc. node	-22 Oct 05 j 02:27	14°♎07'03	
evening rise	-22 Oct 13 j 05:06	26°♎50'06	
	-22 Oct 15 j 06:29	0°♏	
	-22 Nov 04 j 19:02	0°♐	
greatest brilliancy	-22 Nov 05 j 14:15	1°♐03'01	-0.5m
evening max el	-22 Nov 11 j 04:56	7°♐40'45	20°51'45
retrograde	-22 Nov 19 j 12:57	12°♐36'58	
asc. node	-22 Nov 22 j 09:44	11°♐50'26	
evening set	-22 Nov 23 j 10:35	11°♐10'06	
inferior conj	-22 Nov 28 j 21:03	4°♐57'13	2°05'26
minimum elong	-22 Nov 28 j 18:35	5°♐05'39	2°04'33
min. Earth dist.	-22 Nov 29 j 08:53	4°♐16'41	0.67298 AU
	-22 Dec 02 j 18:20	30°℞♏	
morning rise	-22 Dec 04 j 02:09	28°♏41'32	
direct	-22 Dec 09 j 10:40	26°♏21'57	
	-22 Dec 17 j 05:55	0°♐	
morning max el	-22 Dec 20 j 09:05	2°♐53'27	24°03'35
desc. node	-21 Jan 01 j 01:42	17°♐05'13	
	-21 Jan 10 j 01:36	0°♑	
morning set	-21 Jan 25 j 00:39	24°♑05'42	
	-21 Jan 28 j 09:36	0°♒	
max. Earth dist.	-21 Jan 28 j 20:50	0°♒50'00	1.38262 AU
superior conj	-21 Feb 05 j 00:53	14°♒04'17	-1°-47'-33
minimum elong	-21 Feb 05 j 04:31	14°♒21'37	1°47'15
	-21 Feb 13 j 05:00	0°♓	
evening rise	-21 Feb 13 j 23:03	1°♓28'41	
asc. node	-21 Feb 18 j 09:02	10°♓00'12	
evening max el	-21 Mar 02 j 11:04	28°♓06'29	18°56'39
	-21 Mar 04 j 17:18	0°♈	
retrograde	-21 Mar 10 j 21:01	2°♈10'13	
evening set	-21 Mar 13 j 03:11	1°♈53'54	
	-21 Mar 17 j 13:28	30°℞♓	
inferior conj	-21 Mar 21 j 03:17	27°♓37'28	2°20'21
minimum elong	-21 Mar 21 j 07:37	27°♓29'44	2°19'09
min. Earth dist.	-21 Mar 24 j 07:55	25°♓22'13	0.57095 AU
morning rise	-21 Mar 29 j 07:50	22°♓33'12	
desc. node	-21 Mar 30 j 00:50	22°♓16'40	
direct	-21 Apr 03 j 15:08	21°♓25'54	
morning max el	-21 Apr 17 j 22:13	28°♓51'30	25°49'21
	-21 Apr 19 j 01:44	0°♈	
	-21 May 09 j 09:28	0°♉	
morning set	-21 May 15 j 15:04	12°♉30'01	
asc. node	-21 May 17 j 08:19	16°♉09'06	
superior conj	-21 May 22 j 15:52	27°♉43'30	0°53'33
minimum elong	-21 May 22 j 13:47	27°♉32'04	0°53'10
max. Earth dist.	-21 May 23 j 09:36	29°♉20'28	1.32584 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-21 May 23 j 16:50	0°♊	
evening rise	-21 May 29 j 18:00	12°♊55'45	
	-21 Jun 07 j 13:36	0°♋	
desc. node	-21 Jun 26 j 00:07	27°♋12'04	
	-21 Jun 28 j 14:27	0°♌	
evening max el	-21 Jun 30 j 01:14	1°♌25'40	27°08'21
retrograde	-21 Jul 13 j 22:54	8°♌42'39	
evening set	-21 Jul 21 j 00:26	6°♌26'05	
min. Earth dist.	-21 Jul 24 j 15:26	3°♌41'34	0.61520 AU
inferior conj	-21 Jul 27 j 18:38	0°♌54'24	-4°-20'-40
minimum elong	-21 Jul 27 j 22:46	0°♌45'11	4°19'59
	-21 Jul 28 j 19:15	30°℞♋	
morning rise	-21 Aug 03 j 23:56	25°♋58'26	
direct	-21 Aug 06 j 10:09	25°♋33'49	
asc. node	-21 Aug 13 j 07:34	28°♋57'56	
morning max el	-21 Aug 13 j 09:39	29°♋02'59	17°58'16
	-21 Aug 14 j 07:48	0°♌	
morning set	-21 Aug 29 j 07:15	24°♌03'44	
	-21 Sep 01 j 13:11	0°♍	
superior conj	-21 Sep 08 j 18:11	12°♍52'28	1°20'36
minimum elong	-21 Sep 08 j 22:50	13°♍12'47	1°20'07
max. Earth dist.	-21 Sep 16 j 05:38	25°♍34'10	1.42359 AU
	-21 Sep 18 j 22:37	0°♎	
desc. node	-21 Sep 21 j 23:28	4°♎52'22	
evening rise	-21 Sep 22 j 17:45	6°♎04'50	
	-21 Oct 08 j 13:54	0°♏	
greatest brilliancy	-21 Oct 20 j 06:56	15°♏49'38	-0.3m
evening max el	-21 Oct 25 j 00:17	21°♏09'49	22°06'01
retrograde	-21 Nov 03 j 09:03	26°♏43'57	
evening set	-21 Nov 07 j 18:23	25°♏00'02	
asc. node	-21 Nov 09 j 06:48	23°♏35'12	
inferior conj	-21 Nov 13 j 03:46	18°♏39'56	1°18'16
minimum elong	-21 Nov 13 j 02:03	18°♏45'52	1°17'35
min. Earth dist.	-21 Nov 13 j 04:33	18°♏37'14	0.67632 AU
morning rise	-21 Nov 18 j 09:31	12°♏25'27	
direct	-21 Nov 23 j 02:48	10°♏28'05	
morning max el	-21 Dec 02 j 19:25	16°♏12'47	22°35'49
greatest brilliancy	-21 Dec 07 j 10:11	21°♏22'50	-0.3m
	-21 Dec 14 j 01:32	0°♐	
desc. node	-21 Dec 18 j 22:44	6°♐51'51	
	-20 Jan 03 j 03:06	0°♑	
morning set	-20 Jan 05 j 15:30	4°♑04'55	
max. Earth dist.	-20 Jan 10 j 16:43	12°♑30'35	1.40391 AU
superior conj	-20 Jan 18 j 12:04	26°♑12'24	-1°-59'-54
minimum elong	-20 Jan 18 j 13:54	26°♑20'43	1°59'53
	-20 Jan 20 j 14:02	0°♒	
evening rise	-20 Jan 28 j 11:35	14°♒47'25	
asc. node	-20 Feb 05 j 06:05	29°♒01'08	
	-20 Feb 05 j 20:00	0°♓	
evening max el	-20 Feb 13 j 16:17	10°♓44'08	18°22'28
retrograde	-20 Feb 20 j 23:39	14°♓20'53	
evening set	-20 Feb 23 j 10:45	13°♓57'23	
inferior conj	-20 Mar 01 j 17:14	9°♓20'02	3°19'19
minimum elong	-20 Mar 01 j 20:38	9°♓12'56	3°18'43
min. Earth dist.	-20 Mar 05 j 03:37	6°♓30'19	0.59052 AU
morning rise	-20 Mar 09 j 02:51	3°♓48'58	
direct	-20 Mar 15 j 09:32	2°♓04'42	
desc. node	-20 Mar 15 j 21:54	2°♓05'24	
morning max el	-20 Mar 29 j 17:15	9°♓46'05	27°01'53
	-20 Apr 14 j 05:41	0°♈	
morning set	-20 Apr 29 j 00:50	27°♈20'47	
	-20 Apr 30 j 07:07	0°♉	
asc. node	-20 May 03 j 05:21	6°♉17'30	
superior conj	-20 May 06 j 03:39	12°♉42'14	0°30'34
minimum elong	-20 May 06 j 02:20	12°♉34'59	0°30'17
max. Earth dist.	-20 May 05 j 22:19	12°♉12'57	1.32338 AU
evening rise	-20 May 13 j 02:27	27°♉45'29	
	-20 May 14 j 04:14	0°♊	
	-20 May 31 j 03:08	0°♋	
evening max el	-20 Jun 11 j 01:41	13°♋13'45	26°18'20
desc. node	-20 Jun 11 j 21:08	13°♋59'03	
retrograde	-20 Jun 25 j 02:08	20°♋27'01	
evening set	-20 Jul 01 j 12:56	18°♋43'59	
min. Earth dist.	-20 Jul 05 j 14:39	16°♋06'54	0.59473 AU
inferior conj	-20 Jul 08 j 22:45	13°♋32'07	-4°-43'-23
minimum elong	-20 Jul 09 j 00:15	13°♋29'11	4°43'19
morning rise	-20 Jul 16 j 14:59	8°♋58'55	
direct	-20 Jul 19 j 02:02	8°♋37'37	
morning max el	-20 Jul 26 j 19:12	12°♋20'15	18°22'34
asc. node	-20 Jul 30 j 04:35	16°♋11'58	
	-20 Aug 07 j 16:18	0°♌	
morning set	-20 Aug 11 j 19:22	7°♌46'40	
superior conj	-20 Aug 21 j 00:42	25°♌12'03	1°39'11
minimum elong	-20 Aug 21 j 03:30	25°♌24'58	1°38'59
	-20 Aug 23 j 16:01	0°♍	
max. Earth dist.	-20 Aug 28 j 12:15	8°♍31'29	1.40472 AU
evening rise	-20 Sep 02 j 02:32	16°♍16'35	
desc. node	-20 Sep 07 j 20:28	25°♍32'45	
	-20 Sep 10 j 17:10	0°♎	
	-20 Oct 02 j 08:11	0°♏	
evening max el	-20 Oct 06 j 14:57	4°♏41'20	23°25'40
retrograde	-20 Oct 17 j 02:17	10°♏52'42	
evening set	-20 Oct 22 j 01:07	8°♏50'36	
asc. node	-20 Oct 26 j 03:50	4°♏12'24	
inferior conj	-20 Oct 27 j 10:49	2°♏26'58	0°26'40
minimum elong	-20 Oct 27 j 10:12	2°♏29'08	0°26'25
min. Earth dist.	-20 Oct 27 j 01:08	3°♏00'11	0.67640 AU
	-20 Oct 29 j 06:42	30°℞♎	
morning rise	-20 Nov 01 j 19:21	26°♎16'11	
direct	-20 Nov 05 j 22:18	24°♎41'23	
morning max el	-20 Nov 14 j 11:22	29°♎40'59	21°13'24
	-20 Nov 14 j 18:49	0°♏	
greatest brilliancy	-20 Nov 19 j 19:11	5°♏49'34	-0.4m
desc. node	-20 Dec 04 j 19:46	27°♏00'49	
	-20 Dec 06 j 19:26	0°♐	
morning set	-20 Dec 15 j 02:12	12°♐45'38	
max. Earth dist.	-20 Dec 22 j 19:21	25°♐07'53	1.42361 AU
	-20 Dec 25 j 18:02	0°♑	
superior conj	-20 Dec 30 j 01:08	7°♑15'41	-2°00'-21
minimum elong	-20 Dec 29 j 23:01	7°♑06'38	2°00'18
evening rise	-19 Jan 10 j 10:40	27°♑24'49	
	-19 Jan 11 j 21:02	0°♒	
asc. node	-19 Jan 22 j 03:08	17°♒28'25	
evening max el	-19 Jan 27 j 02:32	23°♒44'03	18°08'09
retrograde	-19 Feb 02 j 19:05	27°♒09'44	
evening set	-19 Feb 05 j 10:29	26°♒37'50	
inferior conj	-19 Feb 12 j 02:34	21°♒38'40	3°46'20
minimum elong	-19 Feb 12 j 03:46	21°♒35'47	3°46'16
min. Earth dist.	-19 Feb 15 j 05:58	18°♒38'52	0.61153 AU
morning rise	-19 Feb 18 j 18:20	15°♒49'14	
direct	-19 Feb 25 j 14:39	13°♒30'18	
desc. node	-19 Mar 02 j 18:56	14°♒42'11	
morning max el	-19 Mar 11 j 18:45	21°♒20'05	27°41'31
	-19 Mar 19 j 08:08	0°♓	
	-19 Apr 07 j 04:52	0°♈	
morning set	-19 Apr 13 j 06:49	11°♈57'55	
max. Earth dist.	-19 Apr 19 j 10:07	24°♈59'54	1.32455 AU
asc. node	-19 Apr 20 j 02:23	26°♈28'30	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-19 Apr 20 j 14:37	27°♈35'14	0°05'24
minimum elong	-19 Apr 20 j 14:22	27°♈33'51	0°05'20
behind sun begin	-19 Apr 20 j 09:33	27°♈07'37	
behind sun end	-19 Apr 20 j 19:10	28°♈00'06	
	-19 Apr 21 j 17:05	0°♉	
evening rise	-19 Apr 27 j 13:31	12°♉40'01	
	-19 May 06 j 08:55	0°♊	
evening max el	-19 May 23 j 19:17	24°♊17'27	25°00'46
desc. node	-19 May 29 j 18:09	28°♊56'56	
	-19 May 31 j 18:04	0°♋	
retrograde	-19 Jun 06 j 19:09	1°♋24'15	
evening set	-19 Jun 12 j 02:18	0°♋19'53	
	-19 Jun 12 j 21:13	30°℞♊	
min. Earth dist.	-19 Jun 17 j 06:48	27°♊32'13	0.57492 AU
inferior conj	-19 Jun 20 j 07:42	25°♊30'11	-4°-37'-19
minimum elong	-19 Jun 20 j 04:42	25°♊35'15	4°37'05
morning rise	-19 Jun 28 j 10:58	21°♊19'12	
direct	-19 Jul 01 j 00:20	21°♊00'07	
morning max el	-19 Jul 09 j 21:10	25°♊08'37	19°07'37
	-19 Jul 14 j 03:03	0°♋	
asc. node	-19 Jul 17 j 01:37	4°♋18'33	
morning set	-19 Jul 26 j 17:08	21°♋58'40	
	-19 Jul 30 j 18:06	0°♌	
superior conj	-19 Aug 04 j 01:37	8°♌27'19	1°46'43
minimum elong	-19 Aug 04 j 02:18	8°♌30'34	1°46'42
max. Earth dist.	-19 Aug 10 j 15:29	20°♌46'53	1.38449 AU
evening rise	-19 Aug 14 j 12:10	27°♌38'29	
	-19 Aug 15 j 20:56	0°♍	
desc. node	-19 Aug 25 j 17:29	16°♍03'41	
	-19 Sep 04 j 04:50	0°♎	
evening max el	-19 Sep 19 j 02:51	18°♎15'39	24°44'29
retrograde	-19 Sep 30 j 15:40	24°♎59'00	
evening set	-19 Oct 06 j 05:06	22°♎39'09	
min. Earth dist.	-19 Oct 10 j 20:15	17°♎23'05	0.67326 AU
inferior conj	-19 Oct 11 j 16:29	16°♎15'55	0°-27'-55
minimum elong	-19 Oct 11 j 17:11	16°♎13'37	0°27'38
asc. node	-19 Oct 13 j 00:51	14°♎30'03	
morning rise	-19 Oct 17 j 05:41	10°♎11'25	
direct	-19 Oct 20 j 19:55	8°♎57'06	
morning max el	-19 Oct 28 j 10:54	13°♎19'40	20°01'55
greatest brilliancy	-19 Nov 04 j 15:52	22°♎08'24	-0.6m
	-19 Nov 10 j 04:02	0°♏	
desc. node	-19 Nov 21 j 16:46	17°♏25'22	
morning set	-19 Nov 23 j 22:39	20°♏53'02	
	-19 Nov 29 j 19:11	0°♐	
max. Earth dist.	-19 Dec 05 j 05:23	8°♐35'04	1.43901 AU
superior conj	-19 Dec 10 j 11:38	17°♐04'26	-1°-44'-20
minimum elong	-19 Dec 10 j 04:46	16°♐36'24	1°43'49
	-19 Dec 18 j 06:30	0°♑	
evening rise	-19 Dec 23 j 15:59	9°♑12'04	
	-18 Jan 05 j 04:01	0°♒	
asc. node	-18 Jan 09 j 00:10	5°♒11'28	
evening max el	-18 Jan 10 j 14:53	6°♒58'00	18°13'11
retrograde	-18 Jan 17 j 02:39	10°♒26'01	
evening set	-18 Jan 19 j 22:20	9°♒44'47	
inferior conj	-18 Jan 26 j 03:27	4°♒25'10	3°49'02
minimum elong	-18 Jan 26 j 02:37	4°♒27'26	3°49'00
min. Earth dist.	-18 Jan 28 j 17:27	1°♒37'44	0.63119 AU
	-18 Jan 30 j 08:35	30°℞♑	
morning rise	-18 Feb 01 j 05:02	28°♑24'08	
direct	-18 Feb 08 j 04:37	25°♑41'33	
desc. node	-18 Feb 17 j 15:58	29°♑40'18	
	-18 Feb 18 j 02:05	0°♒	
morning max el	-18 Feb 22 j 01:34	3°♒34'03	27°44'06
	-18 Mar 13 j 19:42	0°♓	
morning set	-18 Mar 28 j 06:45	26°♓13'38	
	-18 Mar 30 j 03:23	0°♈	
max. Earth dist.	-18 Apr 02 j 16:52	7°♈26'38	1.32952 AU
superior conj	-18 Apr 04 j 23:03	12°♈16'37	0°-21'-9
minimum elong	-18 Apr 05 j 00:04	12°♈22'04	0°20'57
asc. node	-18 Apr 06 j 23:27	16°♈38'02	
evening rise	-18 Apr 12 j 01:18	27°♈32'34	
	-18 Apr 13 j 05:26	0°♉	
	-18 Apr 30 j 22:32	0°♊	
evening max el	-18 May 05 j 09:42	4°♊54'23	23°27'46
desc. node	-18 May 16 j 15:10	11°♊29'38	
retrograde	-18 May 19 j 00:18	11°♊42'33	
evening set	-18 May 22 j 20:28	11°♊10'06	
min. Earth dist.	-18 May 29 j 20:00	7°♊57'14	0.55907 AU
inferior conj	-18 May 31 j 20:43	6°♊44'47	-3°-50'-6
minimum elong	-18 May 31 j 13:50	6°♊55'03	3°48'37
morning rise	-18 Jun 09 j 10:41	2°♊48'57	
direct	-18 Jun 12 j 03:16	2°♊31'05	
morning max el	-18 Jun 22 j 13:07	7°♊19'57	20°13'34
asc. node	-18 Jul 03 j 22:39	23°♊05'51	
	-18 Jul 07 j 15:05	0°♋	
morning set	-18 Jul 10 j 21:39	6°♋32'16	
superior conj	-18 Jul 18 j 15:53	22°♋23'51	1°45'24
minimum elong	-18 Jul 18 j 14:52	22°♋18'44	1°45'22
	-18 Jul 22 j 11:56	0°♌	
max. Earth dist.	-18 Jul 23 j 20:35	2°♌37'41	1.36549 AU
evening rise	-18 Jul 27 j 20:19	10°♌06'14	
	-18 Aug 08 j 12:10	0°♍	
desc. node	-18 Aug 12 j 14:31	6°♍20'12	
	-18 Aug 30 j 17:49	0°♎	
evening max el	-18 Sep 01 j 14:18	1°♎52'41	25°55'03
retrograde	-18 Sep 14 j 00:36	8°♎58'13	
evening set	-18 Sep 20 j 04:33	6°♎23'38	
min. Earth dist.	-18 Sep 24 j 11:40	1°♎43'48	0.66682 AU
inferior conj	-18 Sep 25 j 19:02	0°♎04'53	-1°-23'-58
minimum elong	-18 Sep 25 j 21:10	29°♍58'10	1°23'07
	-18 Sep 25 j 20:35	30°℞♍	
asc. node	-18 Sep 29 j 21:52	25°♍26'15	
morning rise	-18 Oct 01 j 14:37	24°♍09'32	
direct	-18 Oct 04 j 18:19	23°♍12'17	
morning max el	-18 Oct 11 j 17:45	27°♍07'29	19°04'44
	-18 Oct 14 j 07:18	0°♎	
morning set	-18 Nov 03 j 05:42	29°♎39'21	
	-18 Nov 03 j 10:58	0°♏	
desc. node	-18 Nov 08 j 13:49	8°♏01'11	
max. Earth dist.	-18 Nov 17 j 20:54	22°♏36'33	1.44822 AU
superior conj	-18 Nov 19 j 21:53	25°♏49'47	-1°-9'-59
minimum elong	-18 Nov 19 j 13:55	25°♏18'22	1°09'06
	-18 Nov 22 j 13:03	0°♐	
evening rise	-18 Dec 04 j 23:29	20°♐02'49	
	-18 Dec 11 j 01:23	0°♑	
evening max el	-18 Dec 25 j 02:46	20°♑20'52	18°36'41
asc. node	-18 Dec 26 j 21:11	21°♑58'13	
retrograde	-18 Dec 31 j 18:04	24°♑02'15	
evening set	-17 Jan 03 j 18:55	23°♑10'28	
inferior conj	-17 Jan 09 j 16:01	17°♑32'26	3°34'13
minimum elong	-17 Jan 09 j 13:51	17°♑38'54	3°33'53
min. Earth dist.	-17 Jan 11 j 14:43	15°♑13'16	0.64784 AU
morning rise	-17 Jan 15 j 07:32	11°♑24'14	
direct	-17 Jan 22 j 02:00	8°♑32'54	
morning max el	-17 Feb 04 j 10:54	16°♑18'58	27°11'53
desc. node	-17 Feb 04 j 13:01	16°♑24'15	
	-17 Feb 15 j 19:25	0°♒	
	-17 Mar 06 j 14:18	0°♓	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-17 Mar 11 j 21:42	9°♓58'09	
max. Earth dist.	-17 Mar 16 j 14:36	19°♓21'18	1.33884 AU
superior conj	-17 Mar 20 j 03:03	26°♓39'52	0°-48'-2
minimum elong	-17 Mar 20 j 05:21	26°♓52'01	0°47'36
	-17 Mar 21 j 16:56	0°♈	
asc. node	-17 Mar 24 j 20:30	6°♈41'31	
evening rise	-17 Mar 27 j 12:01	12°♈16'35	
	-17 Apr 05 j 16:09	0°♉	
evening max el	-17 Apr 17 j 03:56	15°♉33'36	21°53'51
retrograde	-17 Apr 29 j 17:37	21°♉42'30	
evening set	-17 May 02 j 09:20	21°♉26'47	
desc. node	-17 May 03 j 12:12	21°♉11'13	
inferior conj	-17 May 11 j 18:35	17°♉22'46	-2°-18'-14
minimum elong	-17 May 11 j 12:28	17°♉31'21	2°16'15
min. Earth dist.	-17 May 11 j 08:51	17°♉36'25	0.55062 AU
morning rise	-17 May 20 j 16:50	13°♉27'11	
direct	-17 May 23 j 16:23	13°♉07'27	
morning max el	-17 Jun 04 j 17:52	18°♉47'43	21°38'37
	-17 Jun 13 j 17:56	0°♊	
asc. node	-17 Jun 20 j 19:43	12°♊23'09	
morning set	-17 Jun 25 j 06:30	21°♊19'57	
	-17 Jun 29 j 09:37	0°♋	
superior conj	-17 Jul 02 j 15:24	6°♋48'37	1°37'09
minimum elong	-17 Jul 02 j 13:20	6°♋37'53	1°36'59
max. Earth dist.	-17 Jul 06 j 09:23	14°♋31'05	1.34951 AU
evening rise	-17 Jul 10 j 22:02	23°♋25'59	
	-17 Jul 14 j 10:14	0°♌	
desc. node	-17 Jul 30 j 11:32	26°♌14'38	
	-17 Aug 02 j 03:20	0°♍	
evening max el	-17 Aug 15 j 02:18	15°♍26'30	26°49'38
retrograde	-17 Aug 28 j 04:18	22°♍42'59	
evening set	-17 Sep 03 j 21:14	19°♍59'35	
min. Earth dist.	-17 Sep 07 j 20:56	15°♍57'15	0.65690 AU
inferior conj	-17 Sep 09 j 16:25	13°♍49'37	-2°-19'-43
minimum elong	-17 Sep 09 j 19:56	13°♍39'16	2°18'26
morning rise	-17 Sep 15 j 19:58	8°♍06'30	
asc. node	-17 Sep 16 j 18:55	7°♍41'46	
direct	-17 Sep 18 j 15:33	7°♍22'31	
morning max el	-17 Sep 25 j 06:05	10°♍59'31	18°23'34
	-17 Oct 08 j 14:41	0°♎	
morning set	-17 Oct 14 j 15:28	9°♎46'50	
desc. node	-17 Oct 26 j 10:53	28°♎43'53	
	-17 Oct 27 j 06:06	0°♏	
superior conj	-17 Oct 29 j 22:27	4°♏14'05	0°-22'-44
minimum elong	-17 Oct 29 j 19:27	4°♏02'18	0°22'22
max. Earth dist.	-17 Oct 31 j 15:26	6°♏55'27	1.45019 AU
evening rise	-17 Nov 15 j 07:13	29°♏55'20	
	-17 Nov 15 j 08:24	0°♐	
greatest brilliancy	-17 Nov 28 j 21:24	21°♐04'01	-0.7m
	-17 Dec 05 j 05:25	0°♑	
evening max el	-17 Dec 08 j 11:51	3°♑48'21	19°17'27
asc. node	-17 Dec 13 j 18:13	7°♑34'10	
retrograde	-17 Dec 15 j 13:56	7°♑52'34	
evening set	-17 Dec 18 j 21:26	6°♑48'35	
inferior conj	-17 Dec 24 j 12:53	0°♑54'37	3°06'45
minimum elong	-17 Dec 24 j 10:08	1°♑03'26	3°06'04
	-17 Dec 25 j 05:53	30°℞♐	
min. Earth dist.	-17 Dec 25 j 20:49	29°♐12'18	0.66066 AU
morning rise	-17 Dec 29 j 22:01	24°♐42'00	
direct	-16 Jan 05 j 05:34	21°♐55'52	
morning max el	-16 Jan 17 j 20:20	29°♐22'53	26°11'54
	-16 Jan 18 j 10:55	0°♑	
desc. node	-16 Jan 22 j 10:05	4°♑23'48	
	-16 Feb 09 j 15:58	0°♒	

morning set	-16 Feb 22 j 23:45	22°♒59'44	
	-16 Feb 26 j 16:06	0°♓	
max. Earth dist.	-16 Feb 27 j 00:49	0°♓42'19	1.35278 AU
superior conj	-16 Mar 03 j 00:14	10°♓38'09	-1°-13'-52
minimum elong	-16 Mar 03 j 03:38	10°♓55'27	1°13'19
evening rise	-16 Mar 10 j 19:47	26°♓46'11	
asc. node	-16 Mar 10 j 17:34	26°♓34'48	
	-16 Mar 12 j 09:49	0°♈	
evening max el	-16 Mar 29 j 07:44	26°♈40'30	20°30'50
	-16 Apr 02 j 14:23	0°♉	
retrograde	-16 Apr 09 j 06:37	1°♉56'54	
evening set	-16 Apr 11 j 10:17	1°♉45'32	
	-16 Apr 16 j 12:53	30°℞♈	
desc. node	-16 Apr 19 j 09:14	28°♈28'43	
inferior conj	-16 Apr 20 j 13:25	27°♈48'09	0°-20'-12
minimum elong	-16 Apr 20 j 12:28	27°♈49'31	0°19'52
min. Earth dist.	-16 Apr 21 j 22:14	27°♈00'36	0.55162 AU
morning rise	-16 Apr 29 j 12:51	23°♈34'26	
direct	-16 May 03 j 04:03	23°♈05'51	
morning max el	-16 May 16 j 13:05	29°♈36'36	23°16'52
	-16 May 16 j 22:53	0°♉	
	-16 Jun 05 j 16:35	0°♊	
asc. node	-16 Jun 06 j 16:49	2°♊02'32	
morning set	-16 Jun 08 j 17:48	6°♊16'01	
superior conj	-16 Jun 15 j 21:07	21°♊32'08	1°23'28
minimum elong	-16 Jun 15 j 18:38	21°♊18'52	1°23'09
max. Earth dist.	-16 Jun 18 j 07:57	26°♊44'45	1.33729 AU
	-16 Jun 19 j 21:17	0°♋	
evening rise	-16 Jun 23 j 12:41	7°♋24'23	
	-16 Jul 05 j 23:05	0°♌	
desc. node	-16 Jul 16 j 08:33	15°♌37'37	
evening max el	-16 Jul 27 j 13:59	28°♌46'31	27°20'45
	-16 Jul 28 j 21:48	0°♍	
retrograde	-16 Aug 10 j 02:09	6°♍05'41	
evening set	-16 Aug 17 j 04:23	3°♍22'37	
	-16 Aug 20 j 20:25	30°℞♌	
min. Earth dist.	-16 Aug 20 j 21:45	29°♌56'32	0.64336 AU
inferior conj	-16 Aug 23 j 06:17	27°♌25'19	-3°-12'-41
minimum elong	-16 Aug 23 j 10:50	27°♌13'08	3°11'18
morning rise	-16 Aug 29 j 19:07	21°♌57'59	
direct	-16 Sep 01 j 09:09	21°♌23'43	
asc. node	-16 Sep 02 j 16:00	21°♌32'17	
morning max el	-16 Sep 07 j 21:24	24°♌50'48	17°59'28
	-16 Sep 12 j 02:59	0°♍	
morning set	-16 Sep 25 j 05:07	21°♍15'33	
	-16 Sep 30 j 09:21	0°♎	
superior conj	-16 Oct 08 j 11:13	13°♎17'53	0°25'23
minimum elong	-16 Oct 08 j 14:05	13°♎29'28	0°25'00
desc. node	-16 Oct 12 j 07:53	19°♎29'56	
max. Earth dist.	-16 Oct 13 j 09:52	21°♎13'17	1.44484 AU
	-16 Oct 18 j 23:42	0°♏	
evening rise	-16 Oct 24 j 19:43	9°♏02'55	
	-16 Nov 07 j 15:21	0°♐	
greatest brilliancy	-16 Nov 14 j 01:56	9°♐12'28	-0.6m
evening max el	-16 Nov 20 j 16:12	17°♐16'41	20°13'34
retrograde	-16 Nov 28 j 11:32	21°♐51'54	
asc. node	-16 Nov 29 j 15:16	21°♐44'18	
evening set	-16 Dec 02 j 03:32	20°♐33'46	
inferior conj	-16 Dec 07 j 15:18	14°♐26'46	2°29'55
minimum elong	-16 Dec 07 j 12:36	14°♐35'53	2°29'03
min. Earth dist.	-16 Dec 08 j 09:58	13°♐24'01	0.66957 AU
morning rise	-16 Dec 12 j 21:08	8°♐11'47	
direct	-16 Dec 18 j 14:26	5°♐40'55	
morning max el	-16 Dec 30 j 04:53	12°♐35'26	24°53'18

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-15 Jan 08 j 07:08	23°♐16'08	
	-15 Jan 13 j 06:10	0°♑	
	-15 Feb 01 j 10:24	0°♒	
morning set	-15 Feb 04 j 07:35	5°♒02'38	
max. Earth dist.	-15 Feb 08 j 00:38	11°♒45'31	1.37093 AU
superior conj	-15 Feb 14 j 11:29	24°♒01'54	-1°-36'-44
minimum elong	-15 Feb 14 j 15:21	24°♒20'52	1°36'18
	-15 Feb 17 j 11:55	0°♓	
evening rise	-15 Feb 22 j 22:16	10°♓54'01	
asc. node	-15 Feb 25 j 14:37	16°♓12'25	
	-15 Mar 05 j 07:58	0°♈	
evening max el	-15 Mar 11 j 22:42	8°♈24'44	19°25'16
retrograde	-15 Mar 21 j 04:52	12°♈51'40	
evening set	-15 Mar 23 j 08:40	12°♈38'13	
inferior conj	-15 Mar 31 j 19:27	8°♈31'10	1°30'14
minimum elong	-15 Mar 31 j 22:54	8°♈25'30	1°29'07
min. Earth dist.	-15 Apr 03 j 12:47	6°♈45'08	0.56180 AU
desc. node	-15 Apr 06 j 06:18	5°♈09'04	
morning rise	-15 Apr 09 j 09:24	3°♈45'56	
direct	-15 Apr 14 j 00:58	2°♈56'52	
morning max el	-15 Apr 28 j 03:51	10°♈06'22	24°57'03
	-15 May 13 j 02:42	0°♉	
morning set	-15 May 24 j 05:49	21°♉14'38	
asc. node	-15 May 24 j 13:53	21°♉57'14	
	-15 May 28 j 07:43	0°♊	
superior conj	-15 May 31 j 06:41	6°♊26'42	1°05'30
minimum elong	-15 May 31 j 04:19	6°♊13'50	1°05'06
max. Earth dist.	-15 Jun 01 j 14:36	9°♊20'03	1.32890 AU
evening rise	-15 Jun 07 j 12:28	21°♊49'47	
	-15 Jun 11 j 15:07	0°♋	
	-15 Jun 29 j 22:10	0°♌	
desc. node	-15 Jul 03 j 05:34	4°♌16'05	
evening max el	-15 Jul 09 j 23:07	11°♌39'19	27°22'18
retrograde	-15 Jul 23 j 17:44	18°♌57'31	
evening set	-15 Jul 30 j 22:31	16°♌26'59	
min. Earth dist.	-15 Aug 03 j 12:25	13°♌31'06	0.62629 AU
inferior conj	-15 Aug 06 j 09:46	10°♌45'28	-3°-59'-8
minimum elong	-15 Aug 06 j 14:28	10°♌34'11	3°58'05
morning rise	-15 Aug 13 j 08:54	5°♌37'26	
direct	-15 Aug 15 j 19:51	5°♌09'58	
asc. node	-15 Aug 20 j 13:05	6°♌53'20	
morning max el	-15 Aug 22 j 12:55	8°♌35'33	17°53'22
	-15 Sep 05 j 13:54	0°♍	
morning set	-15 Sep 07 j 17:20	3°♍49'06	
superior conj	-15 Sep 19 j 01:56	23°♍39'39	1°04'08
minimum elong	-15 Sep 19 j 06:55	24°♍00'46	1°03'32
	-15 Sep 22 j 20:53	0°♎	
max. Earth dist.	-15 Sep 26 j 00:58	5°♎11'27	1.43285 AU
desc. node	-15 Sep 29 j 04:53	10°♎16'39	
evening rise	-15 Oct 04 j 03:06	18°♎01'52	
	-15 Oct 11 j 23:01	0°♏	
greatest brilliancy	-15 Oct 29 j 12:23	24°♏51'31	-0.4m
	-15 Nov 02 j 21:27	0°♐	
evening max el	-15 Nov 03 j 14:46	0°♐45'16	21°22'13
retrograde	-15 Nov 12 j 08:47	5°♐57'22	
evening set	-15 Nov 16 j 11:14	4°♐23'13	
asc. node	-15 Nov 16 j 12:19	4°♐21'06	
	-15 Nov 20 j 11:44	30°℞♏	
inferior conj	-15 Nov 21 j 21:02	28°♏06'36	1°46'03
minimum elong	-15 Nov 21 j 18:51	28°♏14'09	1°45'14
min. Earth dist.	-15 Nov 22 j 03:58	27°♏42'43	0.67485 AU
morning rise	-15 Nov 27 j 02:09	21°♏51'14	
direct	-15 Dec 02 j 04:03	19°♏41'11	
morning max el	-15 Dec 12 j 13:54	25°♏52'57	23°26'04
	-15 Dec 16 j 08:10	0°♐	
greatest brilliancy	-15 Dec 18 j 05:39	2°♐16'33	-0.2m
desc. node	-15 Dec 26 j 04:10	12°♐46'08	
	-14 Jan 06 j 19:51	0°♑	
morning set	-14 Jan 16 j 14:59	15°♑50'46	
max. Earth dist.	-14 Jan 20 j 19:51	23°♑03'30	1.39174 AU
	-14 Jan 24 j 17:32	0°♒	
superior conj	-14 Jan 28 j 08:48	6°♒40'48	-1°-53'-57
minimum elong	-14 Jan 28 j 11:55	6°♒55'21	1°53'47
evening rise	-14 Feb 06 j 16:50	24°♒32'55	
	-14 Feb 09 j 12:58	0°♓	
asc. node	-14 Feb 12 j 11:38	5°♓28'38	
evening max el	-14 Feb 22 j 23:27	20°♓44'41	18°39'33
retrograde	-14 Mar 02 j 20:49	24°♓35'20	
evening set	-14 Mar 05 j 04:59	24°♓16'16	
inferior conj	-14 Mar 12 j 21:15	19°♓51'02	2°49'41
minimum elong	-14 Mar 13 j 01:29	19°♓42'58	2°48'42
min. Earth dist.	-14 Mar 16 j 06:08	17°♓18'19	0.57886 AU
morning rise	-14 Mar 20 j 17:51	14°♓33'57	
desc. node	-14 Mar 24 j 03:20	13°♓25'32	
direct	-14 Mar 26 j 11:46	13°♓11'37	
morning max el	-14 Apr 09 j 20:18	20°♓45'30	26°23'48
	-14 Apr 17 j 19:49	0°♈	
	-14 May 05 j 16:50	0°♉	
morning set	-14 May 08 j 16:51	6°♉09'55	
asc. node	-14 May 11 j 10:55	12°♉01'54	
superior conj	-14 May 15 j 18:08	21°♉25'33	0°44'07
minimum elong	-14 May 15 j 16:20	21°♉15'39	0°43'45
max. Earth dist.	-14 May 16 j 02:04	22°♉09'03	1.32428 AU
	-14 May 19 j 16:28	0°♊	
evening rise	-14 May 22 j 18:25	6°♊32'40	
	-14 Jun 04 j 04:48	0°♋	
desc. node	-14 Jun 20 j 02:36	21°♋50'53	
evening max el	-14 Jun 22 j 03:04	23°♋52'10	26°50'57
	-14 Jun 30 j 20:13	0°♌	
retrograde	-14 Jul 06 j 02:11	1°♌08'25	
	-14 Jul 11 j 04:18	30°℞♋	
evening set	-14 Jul 12 j 23:09	29°♋04'26	
min. Earth dist.	-14 Jul 16 j 16:49	26°♋25'37	0.60652 AU
inferior conj	-14 Jul 19 j 23:24	23°♋40'53	-4°-33'-4
minimum elong	-14 Jul 20 j 02:41	23°♋33'57	4°32'41
morning rise	-14 Jul 27 j 09:23	18°♋54'52	
direct	-14 Jul 29 j 19:39	18°♋31'56	
morning max el	-14 Aug 06 j 01:35	22°♋05'21	18°06'15
asc. node	-14 Aug 07 j 10:07	23°♋30'20	
	-14 Aug 12 j 04:59	0°♌	
morning set	-14 Aug 21 j 22:05	17°♌09'57	
	-14 Aug 28 j 20:19	0°♍	
superior conj	-14 Aug 31 j 19:16	5°♍19'55	1°29'58
minimum elong	-14 Aug 31 j 23:15	5°♍37'43	1°29'36
max. Earth dist.	-14 Sep 08 j 10:12	18°♍31'35	1.41582 AU
evening rise	-14 Sep 13 j 23:00	27°♍37'01	
	-14 Sep 15 j 10:44	0°♎	
desc. node	-14 Sep 16 j 01:54	1°♎00'13	
	-14 Oct 05 j 16:11	0°♏	
greatest brilliancy	-14 Oct 12 j 10:35	8°♏46'11	-0.3m
evening max el	-14 Oct 17 j 07:45	14°♏14'31	22°39'27
retrograde	-14 Oct 27 j 03:57	20°♏05'30	
evening set	-14 Oct 31 j 18:47	18°♏13'53	
asc. node	-14 Nov 03 j 09:21	15°♏32'55	
inferior conj	-14 Nov 06 j 04:07	11°♏51'30	0°56'51
minimum elong	-14 Nov 06 j 02:50	11°♏55'58	0°56'20
min. Earth dist.	-14 Nov 06 j 00:22	12°♏04'27	0.67674 AU
morning rise	-14 Nov 11 j 10:48	5°♏38'06	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-14 Nov 15 j 21:43	3°♏50'37	
morning max el	-14 Nov 25 j 02:21	9°♏16'02	21°59'38
greatest brilliancy	-14 Nov 29 j 20:20	14°♏37'46	-0.4m
	-14 Dec 11 j 04:24	0°♐	
desc. node	-14 Dec 13 j 01:10	2°♐42'56	
morning set	-14 Dec 27 j 17:18	25°♐14'25	
	-14 Dec 30 j 15:47	0°♑	
max. Earth dist.	-13 Jan 02 j 17:43	5°♑05'36	1.41265 AU
superior conj	-13 Jan 10 j 11:13	18°♑22'33	-2°-1'-50
minimum elong	-13 Jan 10 j 11:38	18°♑24'22	2°01'51
	-13 Jan 16 j 21:46	0°♒	
evening rise	-13 Jan 21 j 00:08	7°♒35'00	
asc. node	-13 Jan 30 j 08:40	24°♒16'21	
	-13 Feb 03 j 05:27	0°♓	
evening max el	-13 Feb 06 j 07:11	3°♓32'58	18°14'00
retrograde	-13 Feb 13 j 07:03	7°♓03'16	
evening set	-13 Feb 15 j 19:55	6°♓36'28	
inferior conj	-13 Feb 22 j 19:53	1°♓50'06	3°34'14
minimum elong	-13 Feb 22 j 22:24	1°♓44'31	3°33'55
	-13 Feb 24 j 21:22	30°℞♒	
min. Earth dist.	-13 Feb 26 j 04:37	28°♒52'40	0.59943 AU
morning rise	-13 Mar 01 j 21:31	26°♒09'59	
direct	-13 Mar 08 j 11:20	24°♒09'43	
desc. node	-13 Mar 11 j 00:22	24°♒26'59	
	-13 Mar 20 j 16:03	0°♓	
morning max el	-13 Mar 22 j 18:07	1°♓56'25	27°23'10
	-13 Apr 12 j 01:53	0°♈	
morning set	-13 Apr 23 j 01:15	20°♈56'03	
	-13 Apr 27 j 07:37	0°♉	
asc. node	-13 Apr 28 j 07:57	2°♉12'13	
max. Earth dist.	-13 Apr 29 j 14:42	5°♉00'18	1.32334 AU
superior conj	-13 Apr 30 j 05:47	6°♉23'02	0°20'07
minimum elong	-13 Apr 30 j 04:53	6°♉18'07	0°19'55
evening rise	-13 May 07 j 04:13	21°♉25'28	
	-13 May 11 j 08:45	0°♊	
	-13 May 30 j 01:50	0°♋	
evening max el	-13 Jun 04 j 00:24	5°♋20'30	25°48'15
desc. node	-13 Jun 06 j 23:37	7°♋55'58	
retrograde	-13 Jun 18 j 01:44	12°♋32'33	
evening set	-13 Jun 24 j 01:59	11°♋06'02	
min. Earth dist.	-13 Jun 28 j 12:53	8°♋26'17	0.58596 AU
inferior conj	-13 Jul 01 j 19:42	6°♋02'52	-4°-45'-10
minimum elong	-13 Jul 01 j 19:27	6°♋03'19	4°45'11
morning rise	-13 Jul 09 j 16:38	1°♋39'29	
direct	-13 Jul 12 j 04:19	1°♋19'23	
morning max el	-13 Jul 20 j 08:19	5°♋11'45	18°39'10
asc. node	-13 Jul 25 j 07:09	11°♋08'24	
	-13 Aug 05 j 01:06	0°♌	
morning set	-13 Aug 05 j 14:44	1°♌06'03	
superior conj	-13 Aug 14 j 10:18	18°♌04'52	1°43'34
minimum elong	-13 Aug 14 j 12:10	18°♌13'42	1°43'30
	-13 Aug 20 j 23:00	0°♍	
max. Earth dist.	-13 Aug 21 j 14:20	1°♍07'37	1.39610 AU
evening rise	-13 Aug 25 j 18:20	8°♍18'23	
desc. node	-13 Sep 02 j 22:55	21°♍36'59	
	-13 Sep 08 j 10:45	0°♎	
evening max el	-13 Sep 29 j 20:59	27°♎47'04	23°59'44
	-13 Oct 02 j 06:02	0°♏	
retrograde	-13 Oct 10 j 19:43	4°♏13'19	
evening set	-13 Oct 16 j 00:34	2°♏03'45	
	-13 Oct 18 j 01:58	30°℞♎	
inferior conj	-13 Oct 21 j 10:49	25°♎39'43	0°03'50
minimum elong	-13 Oct 21 j 10:43	25°♎40'02	0°03'48
transit middle	-13 Oct 21 j 10:43	25°♎40'02	0°03'48
transit begin	-13 Oct 21 j 08:04	25°♎49'01	
transit end	-13 Oct 21 j 13:22	25°♎31'04	
min. Earth dist.	-13 Oct 20 j 20:45	26°♎27'24	0.67545 AU
asc. node	-13 Oct 21 j 06:23	25°♎54'46	
morning rise	-13 Oct 26 j 21:05	19°♎30'58	
direct	-13 Oct 30 j 18:23	18°♎05'07	
morning max el	-13 Nov 07 j 21:18	22°♎48'04	20°41'18
	-13 Nov 13 j 23:34	0°♏	
greatest brilliancy	-13 Nov 13 j 21:28	29°♎53'06	-0.5m
desc. node	-13 Nov 29 j 22:12	22°♏59'05	
	-13 Dec 04 j 12:20	0°♐	
morning set	-13 Dec 06 j 19:14	3°♐32'29	
max. Earth dist.	-13 Dec 15 j 23:07	18°♐03'45	1.43084 AU
superior conj	-13 Dec 22 j 13:23	28°♐55'00	-1°-55'-48
minimum elong	-13 Dec 22 j 09:09	28°♐37'17	1°55'36
	-13 Dec 23 j 04:52	0°♑	
evening rise	-12 Jan 03 j 16:11	19°♑51'47	
	-12 Jan 09 j 10:23	0°♒	
asc. node	-12 Jan 17 j 05:41	12°♒26'16	
evening max el	-12 Jan 20 j 18:46	16°♒40'10	18°08'01
retrograde	-12 Jan 27 j 08:01	20°♒05'00	
evening set	-12 Jan 30 j 01:17	19°♒29'12	
inferior conj	-12 Feb 05 j 12:19	14°♒21'23	3°50'00
minimum elong	-12 Feb 05 j 12:35	14°♒20'43	3°49'59
min. Earth dist.	-12 Feb 08 j 10:39	11°♒24'17	0.62023 AU
morning rise	-12 Feb 11 j 21:34	8°♒26'36	
direct	-12 Feb 18 j 20:41	5°♒55'36	
desc. node	-12 Feb 25 j 21:24	8°♒08'12	
morning max el	-12 Mar 03 j 21:54	13°♒47'12	27°47'03
	-12 Mar 16 j 23:06	0°♓	
	-12 Apr 03 j 11:57	0°♈	
morning set	-12 Apr 06 j 04:56	5°♈24'49	
max. Earth dist.	-12 Apr 12 j 00:42	17°♈39'35	1.32617 AU
superior conj	-12 Apr 13 j 15:54	21°♈11'53	0°-5'-46
minimum elong	-12 Apr 13 j 16:10	21°♈13'21	0°05'43
behind sun begin	-12 Apr 13 j 11:21	20°♈47'10	
behind sun end	-12 Apr 13 j 20:59	21°♈39'33	
asc. node	-12 Apr 14 j 04:59	22°♈23'01	
	-12 Apr 17 j 16:56	0°♉	
evening rise	-12 Apr 20 j 15:48	6°♉19'56	
	-12 May 03 j 04:50	0°♊	
evening max el	-12 May 15 j 16:09	16°♊10'13	24°22'19
desc. node	-12 May 23 j 20:39	21°♊56'19	
retrograde	-12 May 29 j 13:40	23°♊10'34	
evening set	-12 Jun 03 j 06:00	22°♊21'37	
min. Earth dist.	-12 Jun 09 j 03:30	19°♊24'37	0.56750 AU
inferior conj	-12 Jun 11 j 20:01	17°♊42'23	-4°-22'-57
minimum elong	-12 Jun 11 j 15:03	17°♊50'19	4°22'15
morning rise	-12 Jun 20 j 03:52	13°♊38'42	
direct	-12 Jun 22 j 18:30	13°♊20'15	
morning max el	-12 Jul 02 j 06:10	17°♊44'33	19°33'07
asc. node	-12 Jul 11 j 04:12	29°♊33'22	
	-12 Jul 11 j 10:32	0°♋	
morning set	-12 Jul 19 j 15:41	15°♋27'45	
	-12 Jul 26 j 21:27	0°♌	
superior conj	-12 Jul 27 j 17:24	1°♌38'33	1°47'06
minimum elong	-12 Jul 27 j 17:17	1°♌37'58	1°47'06
max. Earth dist.	-12 Aug 02 j 17:45	13°♌09'42	1.37617 AU
evening rise	-12 Aug 06 j 14:04	20°♌09'18	
	-12 Aug 12 j 07:14	0°♍	
desc. node	-12 Aug 19 j 19:57	12°♍02'20	
	-12 Sep 01 j 12:02	0°♎	
evening max el	-12 Sep 11 j 08:44	11°♎23'33	25°16'05
retrograde	-12 Sep 23 j 07:12	18°♎17'00	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-12 Sep 29 j 02:52	15°♎50'37	
min. Earth dist.	-12 Oct 03 j 14:38	10°♎49'40	0.67093 AU
inferior conj	-12 Oct 04 j 15:24	9°♎29'01	0°-51'-34
minimum elong	-12 Oct 04 j 16:42	9°♎24'48	0°51'02
asc. node	-12 Oct 07 j 03:25	6°♎22'10	
morning rise	-12 Oct 10 j 07:06	3°♎27'57	
direct	-12 Oct 13 j 16:41	2°♎21'07	
morning max el	-12 Oct 21 j 00:02	6°♎30'36	19°35'45
greatest brilliancy	-12 Oct 29 j 11:38	17°♎14'30	-0.6m
	-12 Nov 07 j 01:11	0°♏	
morning set	-12 Nov 14 j 17:21	11°♏48'45	
desc. node	-12 Nov 15 j 19:14	13°♏29'03	
	-12 Nov 26 j 08:35	0°♐	
max. Earth dist.	-12 Nov 27 j 12:18	1°♐49'44	1.44380 AU
superior conj	-12 Dec 01 j 12:48	8°♐14'40	-1°-31'-55
minimum elong	-12 Dec 01 j 04:43	7°♐42'12	1°31'11
	-12 Dec 14 j 18:36	0°♑	
evening rise	-12 Dec 15 j 12:45	1°♑16'12	
asc. node	-11 Jan 03 j 02:44	29°♑47'32	
	-11 Jan 03 j 07:36	0°♒	
evening max el	-11 Jan 03 j 07:20	29°♑59'21	18°20'57
retrograde	-11 Jan 09 j 19:27	3°♒31'27	
evening set	-11 Jan 12 j 17:19	2°♒45'43	
	-11 Jan 16 j 06:36	30°℞♑	
inferior conj	-11 Jan 18 j 18:40	27°♑17'51	3°44'33
minimum elong	-11 Jan 18 j 17:11	27°♑22'04	3°44'24
min. Earth dist.	-11 Jan 21 j 02:08	24°♑41'17	0.63877 AU
morning rise	-11 Jan 24 j 15:32	21°♑13'36	
direct	-11 Jan 31 j 13:53	18°♑25'43	
desc. node	-11 Feb 11 j 18:27	23°♑55'52	
morning max el	-11 Feb 14 j 06:05	26°♑15'43	27°34'17
	-11 Feb 17 j 17:54	0°♒	
	-11 Mar 10 j 12:18	0°♓	
morning set	-11 Mar 21 j 01:27	19°♓28'19	
max. Earth dist.	-11 Mar 26 j 04:12	29°♓54'21	1.33304 AU
	-11 Mar 26 j 05:17	0°♈	
superior conj	-11 Mar 28 j 22:43	5°♈46'19	0°-32'-35
minimum elong	-11 Mar 29 j 00:18	5°♈54'42	0°32'16
asc. node	-11 Apr 01 j 02:02	12°♈30'24	
evening rise	-11 Apr 05 j 03:24	21°♈09'48	
	-11 Apr 09 j 11:14	0°♉	
evening max el	-11 Apr 27 j 07:19	26°♉43'56	22°46'58
	-11 May 01 j 05:26	0°♊	
retrograde	-11 May 10 j 12:53	3°♊17'16	
desc. node	-11 May 10 j 17:41	3°♊17'10	
evening set	-11 May 13 j 19:36	2°♊53'41	
	-11 May 20 j 16:21	30°℞♉	
min. Earth dist.	-11 May 21 j 15:57	29°♉26'48	0.55450 AU
inferior conj	-11 May 23 j 01:28	28°♉38'46	-3°-16'-2
minimum elong	-11 May 22 j 18:12	28°♉49'12	3°14'04
morning rise	-11 May 31 j 19:31	24°♉45'26	
direct	-11 Jun 03 j 14:38	24°♉27'10	
morning max el	-11 Jun 14 j 17:12	29°♉36'30	20°47'41
	-11 Jun 15 j 03:10	0°♊	
asc. node	-11 Jun 28 j 01:16	18°♊34'11	
morning set	-11 Jul 03 j 22:17	0°♋07'48	
	-11 Jul 03 j 20:46	0°♋	
superior conj	-11 Jul 11 j 11:59	15°♋47'47	1°42'39
minimum elong	-11 Jul 11 j 10:27	15°♋39'55	1°42'34
max. Earth dist.	-11 Jul 16 j 01:55	24°♋59'35	1.35827 AU
	-11 Jul 18 j 16:03	0°♌	
evening rise	-11 Jul 20 j 06:13	3°♌00'02	
	-11 Aug 05 j 06:14	0°♍	
desc. node	-11 Aug 06 j 17:00	2°♍10'14	

evening max el	-11 Aug 24 j 20:23	24°♍59'45	26°20'45
	-11 Aug 31 j 01:09	0°♎	
retrograde	-11 Sep 06 j 13:44	2°♎10'39	
	-11 Sep 12 j 09:22	30°℞♍	
evening set	-11 Sep 12 j 23:42	29°♍31'17	
min. Earth dist.	-11 Sep 17 j 03:35	25°♍07'38	0.66304 AU
inferior conj	-11 Sep 18 j 15:59	23°♍16'04	-1°-47'-48
minimum elong	-11 Sep 18 j 18:44	23°♍07'40	1°46'44
asc. node	-11 Sep 24 j 00:29	17°♍47'54	
morning rise	-11 Sep 24 j 14:48	17°♍25'44	
direct	-11 Sep 27 j 14:49	16°♍34'31	
morning max el	-11 Oct 04 j 09:31	20°♍20'31	18°45'17
	-11 Oct 11 j 21:52	0°♎	
morning set	-11 Oct 25 j 10:46	21°♎07'14	
	-11 Oct 31 j 01:22	0°♏	
desc. node	-11 Nov 02 j 16:16	4°♏07'59	
max. Earth dist.	-11 Nov 10 j 05:59	16°♏02'34	1.44995 AU
superior conj	-11 Nov 10 j 16:15	16°♏42'57	0°-50'-53
minimum elong	-11 Nov 10 j 09:50	16°♏17'41	0°50'06
	-11 Nov 19 j 02:14	0°♐	
evening rise	-11 Nov 26 j 10:08	11°♐41'52	
	-11 Dec 07 j 21:31	0°♑	
evening max el	-11 Dec 17 j 18:15	13°♑24'11	18°51'56
asc. node	-11 Dec 20 j 23:47	16°♑06'00	
retrograde	-11 Dec 24 j 13:17	17°♑14'23	
evening set	-11 Dec 27 j 16:46	16°♑17'31	
inferior conj	-10 Jan 02 j 11:09	10°♑32'04	3°23'52
minimum elong	-10 Jan 02 j 08:40	10°♑39'46	3°23'23
min. Earth dist.	-10 Jan 04 j 03:19	8°♑28'12	0.65377 AU
morning rise	-10 Jan 07 j 23:33	4°♑21'37	
direct	-10 Jan 14 j 13:46	1°♑31'20	
morning max el	-10 Jan 27 j 15:55	9°♑10'47	26°49'19
desc. node	-10 Jan 29 j 15:29	11°♑14'58	
	-10 Feb 13 j 00:45	0°♒	
	-10 Mar 02 j 22:14	0°♓	
morning set	-10 Mar 04 j 11:30	2°♓56'13	
max. Earth dist.	-10 Mar 08 j 21:32	11°♓35'30	1.34427 AU
superior conj	-10 Mar 13 j 00:08	19°♓59'39	0°-59'-13
minimum elong	-10 Mar 13 j 02:57	20°♓14'18	0°58'43
	-10 Mar 17 j 18:33	0°♈	
asc. node	-10 Mar 18 j 23:07	2°♈30'08	
evening rise	-10 Mar 20 j 13:08	5°♈48'36	
	-10 Apr 02 j 22:08	0°♉	
evening max el	-10 Apr 09 j 04:58	7°♉32'03	21°16'34
retrograde	-10 Apr 21 j 03:21	13°♉19'59	
evening set	-10 Apr 23 j 11:55	13°♉07'11	
desc. node	-10 Apr 27 j 14:42	11°♉50'02	
inferior conj	-10 May 02 j 20:15	9°♉07'41	-1°-29'-23
minimum elong	-10 May 02 j 16:03	9°♉13'35	1°27'56
min. Earth dist.	-10 May 03 j 04:50	8°♉55'36	0.54984 AU
morning rise	-10 May 11 j 20:15	5°♉06'52	
direct	-10 May 15 j 00:56	4°♉44'44	
morning max el	-10 May 27 j 17:36	10°♉46'58	22°19'27
	-10 Jun 10 j 16:23	0°♊	
asc. node	-10 Jun 14 j 22:21	8°♊01'58	
morning set	-10 Jun 18 j 08:26	15°♊00'15	
	-10 Jun 25 j 10:18	0°♋	
superior conj	-10 Jun 25 j 14:30	0°♋22'11	1°31'57
minimum elong	-10 Jun 25 j 12:12	0°♋10'01	1°31'43
max. Earth dist.	-10 Jun 28 j 18:50	7°♋00'30	1.34377 AU
evening rise	-10 Jul 03 j 13:59	16°♋37'56	
	-10 Jul 10 j 18:57	0°♌	
desc. node	-10 Jul 24 j 14:02	21°♌53'05	
	-10 Jul 30 j 16:41	0°♍	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-10 Aug 07 j 08:13	8°♍28'40	27°06'06
retrograde	-10 Aug 20 j 15:07	15°♍47'39	
evening set	-10 Aug 27 j 12:43	13°♍02'40	
min. Earth dist.	-10 Aug 31 j 09:22	9°♍16'28	0.65157 AU
inferior conj	-10 Sep 02 j 10:29	6°♍57'38	-2°-42'-45
minimum elong	-10 Sep 02 j 14:30	6°♍46'14	2°41'22
morning rise	-10 Sep 08 j 17:52	1°♍21'08	
asc. node	-10 Sep 10 j 21:32	0°♍43'27	
direct	-10 Sep 11 j 10:44	0°♍41'48	
morning max el	-10 Sep 17 j 23:32	4°♍13'35	18°11'14
	-10 Oct 05 j 06:05	0°♎	
morning set	-10 Oct 06 j 08:47	1°♎50'30	
superior conj	-10 Oct 20 j 19:31	25°♎17'18	0°-1'-42
minimum elong	-10 Oct 20 j 19:18	25°♎16'26	0°01'41
behind sun begin	-10 Oct 20 j 08:26	24°♎33'13	
behind sun end	-10 Oct 21 j 06:11	25°♎59'37	
desc. node	-10 Oct 20 j 13:19	24°♎52'38	
	-10 Oct 23 j 18:58	0°♏	
max. Earth dist.	-10 Oct 24 j 00:39	0°♏22'25	1.44874 AU
evening rise	-10 Nov 06 j 08:34	21°♏12'06	
	-10 Nov 12 j 00:46	0°♐	
greatest brilliancy	-10 Nov 23 j 01:16	16°♐38'24	-0.7m
evening max el	-10 Dec 01 j 01:24	26°♐51'37	19°39'32
	-10 Dec 04 j 19:39	0°♑	
asc. node	-10 Dec 07 j 20:50	1°♑06'52	
retrograde	-10 Dec 08 j 10:17	1°♑08'38	
evening set	-10 Dec 11 j 21:03	29°♐58'59	
	-10 Dec 11 j 20:27	30°℞♐	
inferior conj	-10 Dec 17 j 10:42	23°♐58'57	2°52'06
minimum elong	-10 Dec 17 j 07:54	24°♐08'09	2°51'20
min. Earth dist.	-10 Dec 18 j 12:48	22°♐33'15	0.66488 AU
morning rise	-10 Dec 22 j 18:03	17°♐44'47	
direct	-10 Dec 28 j 19:42	15°♐04'09	
morning max el	-9 Jan 10 j 01:09	22°♐19'48	25°40'08
desc. node	-9 Jan 16 j 12:32	29°♐39'03	
	-9 Jan 16 j 19:17	0°♑	
	-9 Feb 06 j 07:29	0°♒	
morning set	-9 Feb 15 j 06:34	15°♒35'13	
max. Earth dist.	-9 Feb 19 j 02:50	22°♒45'29	1.36000 AU
	-9 Feb 22 j 20:26	0°♓	
superior conj	-9 Feb 24 j 17:31	3°♓44'17	-1°-24'-4
minimum elong	-9 Feb 24 j 21:13	4°♓02'53	1°23'34
evening rise	-9 Mar 04 j 18:57	20°♓09'43	
asc. node	-9 Mar 05 j 20:10	22°♓17'22	
	-9 Mar 09 j 18:28	0°♈	
evening max el	-9 Mar 22 j 13:32	18°♈54'43	20°00'36
retrograde	-9 Apr 01 j 18:58	23°♈49'08	
evening set	-9 Apr 03 j 21:26	23°♈37'36	
inferior conj	-9 Apr 12 j 18:23	19°♈37'52	0°29'25
minimum elong	-9 Apr 12 j 19:41	19°♈35'54	0°28'56
desc. node	-9 Apr 14 j 11:44	18°♈35'14	
min. Earth dist.	-9 Apr 14 j 18:57	18°♈24'27	0.55486 AU
morning rise	-9 Apr 21 j 15:00	15°♈11'12	
direct	-9 Apr 25 j 15:34	14°♈35'35	
morning max el	-9 May 09 j 10:22	21°♈25'33	24°00'07
	-9 May 16 j 20:23	0°♉	
asc. node	-9 Jun 01 j 19:25	27°♉48'38	
morning set	-9 Jun 02 j 20:13	29°♉58'12	
	-9 Jun 02 j 20:33	0°♊	
superior conj	-9 Jun 09 j 22:08	15°♊11'44	1°16'20
minimum elong	-9 Jun 09 j 19:39	14°♊58'18	1°15'57
max. Earth dist.	-9 Jun 11 j 20:56	19°♊22'59	1.33320 AU
	-9 Jun 16 j 23:08	0°♋	
evening rise	-9 Jun 17 j 08:56	0°♋49'26	
	-9 Jul 03 j 18:22	0°♌	
desc. node	-9 Jul 11 j 11:03	10°♌59'18	
evening max el	-9 Jul 20 j 18:59	21°♌38'26	27°25'17
retrograde	-9 Aug 03 j 10:37	28°♌58'17	
evening set	-9 Aug 10 j 14:48	26°♌18'49	
min. Earth dist.	-9 Aug 14 j 06:05	23°♌06'36	0.63647 AU
inferior conj	-9 Aug 16 j 20:16	20°♌27'34	-3°-33'-31
minimum elong	-9 Aug 17 j 01:02	20°♌15'22	3°32'13
morning rise	-9 Aug 23 j 13:25	15°♌08'04	
direct	-9 Aug 26 j 01:40	14°♌37'11	
asc. node	-9 Aug 28 j 18:36	15°♌13'30	
morning max el	-9 Sep 01 j 15:17	18°♌02'57	17°54'35
	-9 Sep 10 j 06:49	0°♍	
morning set	-9 Sep 18 j 08:45	13°♍48'36	
	-9 Sep 27 j 20:07	0°♎	
superior conj	-9 Sep 30 j 18:30	4°♎52'00	0°43'19
minimum elong	-9 Sep 30 j 22:46	5°♎09'35	0°42'45
max. Earth dist.	-9 Oct 06 j 17:20	14°♎31'30	1.44044 AU
desc. node	-9 Oct 07 j 10:21	15°♎39'29	
evening rise	-9 Oct 16 j 16:34	0°♏09'46	
	-9 Oct 16 j 14:02	0°♏	
	-9 Nov 05 j 19:05	0°♐	
greatest brilliancy	-9 Nov 08 j 07:26	3°♐23'29	-0.5m
evening max el	-9 Nov 14 j 03:19	10°♐20'03	20°41'32
retrograde	-9 Nov 22 j 07:54	15°♐10'37	
asc. node	-9 Nov 24 j 17:51	14°♐37'32	
evening set	-9 Nov 26 j 04:01	13°♐46'06	
inferior conj	-9 Dec 01 j 14:47	7°♐34'46	2°12'04
minimum elong	-9 Dec 01 j 12:14	7°♐43'26	2°11'12
min. Earth dist.	-9 Dec 02 j 04:22	6°♐48'25	0.67221 AU
morning rise	-9 Dec 06 j 19:59	1°♐19'13	
	-9 Dec 08 j 14:42	30°℞♏	
direct	-9 Dec 12 j 06:50	28°♏56'26	
	-9 Dec 16 j 07:12	0°♐	
morning max el	-9 Dec 23 j 09:27	5°♐34'11	24°16'38
desc. node	-8 Jan 03 j 09:34	18°♐49'09	
	-8 Jan 11 j 07:01	0°♑	
morning set	-8 Jan 28 j 04:50	27°♑08'51	
	-8 Jan 29 j 19:56	0°♒	
max. Earth dist.	-8 Jan 31 j 23:16	3°♒48'42	1.37951 AU
superior conj	-8 Feb 07 j 23:26	16°♒51'03	-1°-44'-56
minimum elong	-8 Feb 08 j 03:11	17°♒09'02	1°44'36
	-8 Feb 14 j 16:38	0°♓	
evening rise	-8 Feb 16 j 18:26	4°♓06'27	
asc. node	-8 Feb 20 j 17:12	11°♓47'00	
	-8 Mar 03 j 10:55	0°♈	
evening max el	-8 Mar 04 j 09:08	0°♈56'08	19°03'27
retrograde	-8 Mar 12 j 23:54	5°♈05'13	
evening set	-8 Mar 15 j 05:27	4°♈49'42	
inferior conj	-8 Mar 23 j 08:20	0°♈35'57	2°08'14
minimum elong	-8 Mar 23 j 12:33	0°♈28'36	2°07'01
	-8 Mar 24 j 04:56	30°℞♓	
min. Earth dist.	-8 Mar 26 j 10:38	28°♓27'48	0.56841 AU
desc. node	-8 Mar 31 j 08:46	25°♓43'26	
morning rise	-8 Mar 31 j 15:31	25°♓36'35	
direct	-8 Apr 05 j 18:54	24°♓34'19	
	-8 Apr 17 j 21:48	0°♈	
morning max el	-8 Apr 20 j 01:02	1°♈56'00	25°36'20
	-8 May 09 j 19:07	0°♉	
morning set	-8 May 17 j 08:00	14°♉56'13	
asc. node	-8 May 18 j 16:28	17°♉48'26	
superior conj	-8 May 24 j 08:44	0°♊09'13	0°56'49
minimum elong	-8 May 24 j 06:34	29°♉57'19	0°56'24
	-8 May 24 j 07:03	0°♊	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	-8 May 25 j 06:00	2♊05'24	1.32654 AU
evening rise	-8 May 31 j 11:41	15♊23'53	
	-8 Jun 07 j 23:09	0♋	
desc. node	-8 Jun 27 j 08:04	29♋13'29	
	-8 Jun 28 j 00:16	0♌	
evening max el	-8 Jul 02 j 02:24	4♌16'15	27°13'02
retrograde	-8 Jul 15 j 23:19	11♌33'16	
evening set	-8 Jul 23 j 02:01	9♌12'47	
min. Earth dist.	-8 Jul 26 j 16:31	6♌25'43	0.61815 AU
inferior conj	-8 Jul 29 j 18:18	3♌38'32	-4°-15'-32
minimum elong	-8 Jul 29 j 22:38	3♌28'39	4°14'46
	-8 Aug 03 j 05:50	30℞♋	
morning rise	-8 Aug 05 j 21:59	28♋39'14	
direct	-8 Aug 08 j 08:20	28♋13'55	
	-8 Aug 13 j 05:50	0♌	
asc. node	-8 Aug 14 j 15:38	1♌08'27	
morning max el	-8 Aug 15 j 05:52	1♌41'52	17°56'22
morning set	-8 Aug 31 j 04:39	26♌44'09	
	-8 Sep 01 j 23:45	0♍	
superior conj	-8 Sep 10 j 20:50	15♍47'41	1°16'42
minimum elong	-8 Sep 11 j 01:40	16♍08'34	1°16'10
max. Earth dist.	-8 Sep 18 j 06:03	28♍14'57	1.42615 AU
	-8 Sep 19 j 07:42	0♎	
desc. node	-8 Sep 23 j 07:21	6♎25'18	
evening rise	-8 Sep 25 j 03:17	9♎19'04	
	-8 Oct 08 j 18:44	0♏	
greatest brilliancy	-8 Oct 22 j 04:56	18♏23'50	-0.4m
evening max el	-8 Oct 26 j 23:29	23♏49'03	21°54'27
retrograde	-8 Nov 05 j 04:16	29♏17'14	
evening set	-8 Nov 09 j 11:48	27♏35'51	
asc. node	-8 Nov 10 j 14:52	26♏35'23	
inferior conj	-8 Nov 14 j 21:15	21♏16'36	1°25'45
minimum elong	-8 Nov 14 j 19:24	21♏23'00	1°25'01
min. Earth dist.	-8 Nov 14 j 23:36	21♏08'30	0.67606 AU
morning rise	-8 Nov 20 j 02:47	15♏01'55	
direct	-8 Nov 24 j 22:19	13♏01'14	
morning max el	-8 Dec 04 j 19:15	18♏52'41	22°48'43
greatest brilliancy	-8 Dec 09 j 11:24	24♏06'13	-0.3m
	-8 Dec 14 j 02:32	0♐	
desc. node	-8 Dec 20 j 06:35	8♐31'34	
	-7 Jan 03 j 11:18	0♑	
morning set	-7 Jan 07 j 23:59	7♑20'27	
max. Earth dist.	-7 Jan 12 j 18:52	15♑23'04	1.40080 AU
superior conj	-7 Jan 20 j 13:21	29♑07'16	-1°-58'-43
minimum elong	-7 Jan 20 j 15:36	29♑17'30	1°58'38
	-7 Jan 21 j 00:54	0♒	
evening rise	-7 Jan 30 j 08:35	17♒30'23	
	-7 Feb 06 j 02:20	0♓	
asc. node	-7 Feb 06 j 14:13	0♓51'57	
evening max el	-7 Feb 15 j 13:14	13♓29'09	18°26'16
retrograde	-7 Feb 22 j 23:51	17♓09'02	
evening set	-7 Feb 25 j 10:13	16♓46'43	
inferior conj	-7 Mar 04 j 19:07	12♓12'25	3°12'34
minimum elong	-7 Mar 04 j 22:48	12♓04'56	3°11'52
min. Earth dist.	-7 Mar 08 j 05:31	9♓26'28	0.58743 AU
morning rise	-7 Mar 12 j 07:36	6♓44'45	
direct	-7 Mar 18 j 11:13	5♓06'19	
desc. node	-7 Mar 18 j 05:47	5♓06'27	
morning max el	-7 Apr 01 j 19:18	12♓45'46	26°53'01
	-7 Apr 15 j 09:12	0♈	
morning set	-7 May 01 j 18:08	29♈48'19	
	-7 May 01 j 20:22	0♉	
asc. node	-7 May 05 j 13:31	7♉56'01	
superior conj	-7 May 08 j 20:28	15♉08'00	0°34'12
minimum elong	-7 May 08 j 19:00	15♉00'00	0°33'55
max. Earth dist.	-7 May 08 j 18:36	14♉57'47	1.32351 AU
evening rise	-7 May 15 j 19:33	0♊12'04	
	-7 May 15 j 17:15	0♊	
	-7 Jun 01 j 04:33	0♋	
evening max el	-7 Jun 14 j 03:50	16♋11'01	26°27'45
desc. node	-7 Jun 14 j 05:05	16♋13'58	
retrograde	-7 Jun 28 j 03:51	23♋24'56	
evening set	-7 Jul 04 j 17:49	21♋36'06	
min. Earth dist.	-7 Jul 08 j 16:56	18♋59'16	0.59779 AU
inferior conj	-7 Jul 12 j 01:01	16♋21'17	-4°-41'-32
minimum elong	-7 Jul 12 j 03:03	16♋17'13	4°41'25
morning rise	-7 Jul 19 j 15:37	11♋44'47	
direct	-7 Jul 22 j 02:27	11♋23'04	
morning max el	-7 Jul 29 j 16:20	15♋02'48	18°17'43
asc. node	-7 Aug 01 j 12:41	18♋13'22	
	-7 Aug 09 j 01:11	0♌	
morning set	-7 Aug 14 j 15:01	10♌22'01	
superior conj	-7 Aug 24 j 00:10	27♌58'01	1°37'07
minimum elong	-7 Aug 24 j 03:18	28♌12'19	1°36'54
	-7 Aug 25 j 03:02	0♍	
max. Earth dist.	-7 Aug 31 j 13:34	11♍19'31	1.40765 AU
evening rise	-7 Sep 05 j 08:34	19♍21'04	
desc. node	-7 Sep 10 j 04:24	27♍06'55	
	-7 Sep 12 j 00:36	0♎	
	-7 Oct 03 j 03:52	0♏	
greatest brilliancy	-7 Oct 03 j 07:27	0♏11'10	-0.2m
evening max el	-7 Oct 09 j 14:42	7♏20'07	23°13'36
retrograde	-7 Oct 19 j 22:03	13♏26'19	
evening set	-7 Oct 24 j 18:49	11♏26'50	
asc. node	-7 Oct 28 j 11:53	7♏20'39	
inferior conj	-7 Oct 30 j 04:23	5♏03'21	0°34'46
minimum elong	-7 Oct 30 j 03:34	5♏06'09	0°34'25
min. Earth dist.	-7 Oct 29 j 20:11	5♏31'32	0.67662 AU
	-7 Nov 03 j 05:59	30℞♎	
morning rise	-7 Nov 04 j 12:22	28♎51'53	
direct	-7 Nov 08 j 17:19	27♎13'56	
	-7 Nov 14 j 21:13	0♏	
morning max el	-7 Nov 17 j 10:17	2♏19'54	21°25'03
greatest brilliancy	-7 Nov 22 j 13:35	8♏13'04	-0.4m
desc. node	-7 Dec 07 j 03:37	28♏37'43	
	-7 Dec 08 j 01:41	0♐	
morning set	-7 Dec 18 j 14:26	16♐11'15	
max. Earth dist.	-7 Dec 25 j 20:18	27♐51'36	1.42093 AU
	-7 Dec 27 j 03:22	0♑	
superior conj	-6 Jan 02 j 06:01	10♑20'36	-2°-1'-15
minimum elong	-6 Jan 02 j 04:37	10♑14'34	2°01'14
evening rise	-6 Jan 13 j 09:55	0♒14'19	
	-6 Jan 13 j 06:46	0♒	
asc. node	-6 Jan 24 j 11:14	19♒24'35	
evening max el	-6 Jan 29 j 22:53	26♒25'48	18°09'02
retrograde	-6 Feb 05 j 17:03	29♒52'22	
evening set	-6 Feb 08 j 07:46	29♒21'51	
inferior conj	-6 Feb 15 j 01:46	24♒25'56	3°43'59
minimum elong	-6 Feb 15 j 03:19	24♒22'17	3°43'51
min. Earth dist.	-6 Feb 18 j 06:47	21♒25'57	0.60841 AU
morning rise	-6 Feb 21 j 19:59	18♒38'32	
direct	-6 Feb 28 j 14:52	16♒24'12	
desc. node	-6 Mar 05 j 02:48	17♒18'24	
morning max el	-6 Mar 14 j 19:55	24♒13'34	27°38'00
	-6 Mar 20 j 01:49	0♓	
	-6 Apr 08 j 15:01	0♈	
morning set	-6 Apr 16 j 00:49	14♈27'58	
asc. node	-6 Apr 22 j 10:33	28♈06'56	
max. Earth dist.	-6 Apr 22 j 06:45	27♈46'13	1.32408 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-6 Apr 23 j 07:39	0°♉02'15	0°09'19
minimum elong	-6 Apr 23 j 07:14	29°♈59'55	0°09'14
behind sun begin	-6 Apr 23 j 03:06	29°♈37'17	
behind sun end	-6 Apr 23 j 11:22	0°♉22'33	
	-6 Apr 23 j 07:15	0°♉	
evening rise	-6 Apr 30 j 06:20	15°♉06'11	
	-6 May 07 j 17:41	0°♊	
evening max el	-6 May 26 j 22:14	27°♊20'27	25°13'43
	-6 May 29 j 23:28	0°♋	
desc. node	-6 Jun 01 j 02:06	1°♋30'42	
retrograde	-6 Jun 09 j 22:44	4°♋29'14	
evening set	-6 Jun 15 j 10:42	3°♋19'08	
min. Earth dist.	-6 Jun 20 j 09:58	0°♋34'04	0.57766 AU
	-6 Jun 21 j 06:18	30°℞♊	
inferior conj	-6 Jun 23 j 12:58	28°♊25'47	-4°-40'-43
minimum elong	-6 Jun 23 j 10:43	28°♊29'41	4°40'36
morning rise	-6 Jul 01 j 14:37	24°♊11'53	
direct	-6 Jul 04 j 03:30	23°♊52'37	
morning max el	-6 Jul 12 j 19:40	27°♊56'25	18°59'36
	-6 Jul 14 j 19:15	0°♋	
asc. node	-6 Jul 19 j 09:45	6°♋13'04	
morning set	-6 Jul 29 j 11:35	24°♋30'11	
	-6 Aug 01 j 06:21	0°♌	
superior conj	-6 Aug 06 j 22:44	11°♌06'05	1°46'10
minimum elong	-6 Aug 06 j 23:42	11°♌10'46	1°46'09
max. Earth dist.	-6 Aug 13 j 16:44	23°♌39'16	1.38746 AU
	-6 Aug 17 j 07:01	0°♍	
evening rise	-6 Aug 17 j 14:33	0°♍32'32	
desc. node	-6 Aug 28 j 01:26	17°♍39'38	
	-6 Sep 05 j 08:22	0°♎	
evening max el	-6 Sep 22 j 02:50	20°♎53'51	24°33'03
retrograde	-6 Oct 03 j 12:11	27°♎33'22	
evening set	-6 Oct 08 j 23:22	25°♎16'05	
min. Earth dist.	-6 Oct 13 j 15:46	19°♎54'39	0.67393 AU
inferior conj	-6 Oct 14 j 10:24	18°♎52'23	0°-19'-27
minimum elong	-6 Oct 14 j 10:52	18°♎50'47	0°19'16
asc. node	-6 Oct 15 j 08:56	17°♎37'41	
morning rise	-6 Oct 19 j 22:47	12°♎46'41	
direct	-6 Oct 23 j 14:44	11°♎29'33	
morning max el	-6 Oct 31 j 08:41	15°♎57'14	20°11'41
greatest brilliancy	-6 Nov 07 j 05:15	24°♎15'09	-0.6m
	-6 Nov 11 j 07:48	0°♏	
desc. node	-6 Nov 24 j 00:41	19°♏00'29	
morning set	-6 Nov 27 j 11:35	24°♏19'31	
	-6 Dec 01 j 03:12	0°♐	
max. Earth dist.	-6 Dec 08 j 05:01	11°♐11'18	1.43708 AU
superior conj	-6 Dec 13 j 20:41	20°♐21'06	-1°-47'-57
minimum elong	-6 Dec 13 j 14:25	19°♐55'25	1°47'33
	-6 Dec 19 j 15:45	0°♑	
evening rise	-6 Dec 26 j 18:14	12°♑09'57	
	-5 Jan 06 j 06:39	0°♒	
asc. node	-5 Jan 11 j 08:15	7°♒15'24	
evening max el	-5 Jan 13 j 11:09	9°♒38'38	18°11'15
retrograde	-5 Jan 19 j 23:05	13°♒05'31	
evening set	-5 Jan 22 j 18:05	12°♒25'46	
inferior conj	-5 Jan 29 j 00:38	7°♒09'15	3°49'53
minimum elong	-5 Jan 29 j 00:04	7°♒10'46	3°49'51
min. Earth dist.	-5 Jan 31 j 16:56	4°♒18'35	0.62843 AU
morning rise	-5 Feb 04 j 04:04	1°♒09'38	
	-5 Feb 05 j 21:29	30°℞♑	
direct	-5 Feb 11 j 03:49	28°♑29'27	
	-5 Feb 16 j 19:38	0°♒	
desc. node	-5 Feb 19 j 23:52	1°♒57'55	
morning max el	-5 Feb 25 j 02:05	6°♒22'18	27°46'01
	-5 Mar 15 j 01:30	0°♓	

morning set	-5 Mar 31 j 01:52	28°♓47'52	
	-5 Mar 31 j 16:08	0°♈	
max. Earth dist.	-5 Apr 05 j 14:28	10°♈16'47	1.32848 AU
superior conj	-5 Apr 07 j 16:39	14°♈46'15	0°-17'-5
minimum elong	-5 Apr 07 j 17:27	14°♈50'38	0°16'54
asc. node	-5 Apr 09 j 07:37	18°♈17'10	
evening rise	-5 Apr 14 j 18:11	29°♈59'48	
	-5 Apr 14 j 18:13	0°♉	
	-5 May 01 j 15:50	0°♊	
evening max el	-5 May 08 j 12:49	8°♊00'09	23°42'05
desc. node	-5 May 18 j 23:07	14°♊27'43	
retrograde	-5 May 22 j 05:52	14°♊52'14	
evening set	-5 May 26 j 07:03	14°♊16'04	
min. Earth dist.	-5 Jun 01 j 23:33	11°♊07'38	0.56103 AU
inferior conj	-5 Jun 04 j 04:52	9°♊47'06	-4°00'-21
minimum elong	-5 Jun 03 j 22:22	9°♊56'58	3°59'03
morning rise	-5 Jun 12 j 17:16	5°♊49'35	
direct	-5 Jun 15 j 09:14	5°♊31'39	
morning max el	-5 Jun 25 j 13:16	10°♊13'56	20°02'25
asc. node	-5 Jul 06 j 06:51	24°♊55'10	
	-5 Jul 09 j 01:30	0°♋	
morning set	-5 Jul 13 j 15:16	9°♋00'57	
superior conj	-5 Jul 21 j 11:17	24°♋57'08	1°46'04
minimum elong	-5 Jul 21 j 10:29	24°♋53'08	1°46'03
	-5 Jul 24 j 00:24	0°♌	
max. Earth dist.	-5 Jul 26 j 21:04	5°♌31'33	1.36820 AU
evening rise	-5 Jul 30 j 19:38	12°♌51'14	
	-5 Aug 09 j 19:57	0°♍	
desc. node	-5 Aug 14 j 22:28	7°♍58'30	
	-5 Aug 31 j 08:12	0°♎	
evening max el	-5 Sep 04 j 14:20	4°♎30'46	25°45'25
retrograde	-5 Sep 16 j 21:50	11°♎33'35	
evening set	-5 Sep 22 j 23:37	9°♎01'05	
min. Earth dist.	-5 Sep 27 j 07:57	4°♎15'36	0.66799 AU
inferior conj	-5 Sep 28 j 13:33	2°♎41'23	-1°-15'-27
minimum elong	-5 Sep 28 j 15:27	2°♎35'18	1°14'40
	-5 Sep 30 j 18:06	30°℞♍	
asc. node	-5 Oct 02 j 06:01	28°♍24'22	
morning rise	-5 Oct 04 j 08:04	26°♍44'20	
direct	-5 Oct 07 j 13:12	25°♍44'44	
morning max el	-5 Oct 14 j 14:30	29°♍43'26	19°12'13
	-5 Oct 14 j 20:58	0°♎	
	-5 Nov 04 j 18:30	0°♏	
morning set	-5 Nov 06 j 15:35	2°♏55'51	
desc. node	-5 Nov 10 j 21:44	9°♏34'44	
max. Earth dist.	-5 Nov 20 j 19:54	25°♏08'53	1.44728 AU
superior conj	-5 Nov 23 j 09:57	29°♏14'13	-1°-16'-15
minimum elong	-5 Nov 23 j 01:44	28°♏41'38	1°15'23
	-5 Nov 23 j 21:30	0°♐	
evening rise	-5 Dec 08 j 05:11	23°♐09'22	
	-5 Dec 12 j 08:45	0°♑	
evening max el	-5 Dec 27 j 23:20	23°♑01'01	18°32'05
asc. node	-5 Dec 29 j 05:18	24°♑11'56	
retrograde	-4 Jan 03 j 13:32	26°♑39'33	
evening set	-4 Jan 06 j 13:35	25°♑49'22	
inferior conj	-4 Jan 12 j 11:42	20°♑14'02	3°37'20
minimum elong	-4 Jan 12 j 09:42	20°♑19'57	3°37'03
min. Earth dist.	-4 Jan 14 j 12:43	17°♑49'58	0.64561 AU
morning rise	-4 Jan 18 j 04:30	14°♑06'48	
direct	-4 Jan 25 j 00:14	11°♑15'49	
desc. node	-4 Feb 06 j 20:55	18°♑28'11	
morning max el	-4 Feb 07 j 11:08	19°♑03'14	27°18'38
	-4 Feb 16 j 18:51	0°♒	
	-4 Mar 07 j 00:18	0°♓	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-4 Mar 13 j 18:21	12°♓37'38	
max. Earth dist.	-4 Mar 18 j 13:43	22°♓16'33	1.33719 AU
superior conj	-4 Mar 21 j 21:26	29°♓12'45	0°-43'-58
minimum elong	-4 Mar 21 j 23:34	29°♓23'57	0°43'34
	-4 Mar 22 j 06:23	0°♈	
asc. node	-4 Mar 26 j 04:39	8°♈21'48	
evening rise	-4 Mar 29 j 05:11	14°♈45'34	
	-4 Apr 05 j 23:02	0°♉	
evening max el	-4 Apr 19 j 06:05	18°♉37'08	22°07'20
retrograde	-4 May 02 j 00:21	24°♉52'40	
evening set	-4 May 04 j 19:26	24°♉35'23	
desc. node	-4 May 04 j 20:09	24°♉35'01	
min. Earth dist.	-4 May 13 j 12:17	20°♉51'42	0.55135 AU
inferior conj	-4 May 14 j 04:20	20°♉29'06	-2°-34'-31
minimum elong	-4 May 13 j 21:44	20°♉38'24	2°32'29
morning rise	-4 May 23 j 01:39	16°♉34'38	
direct	-4 May 25 j 23:53	16°♉15'24	
morning max el	-4 Jun 06 j 19:33	21°♉47'36	21°24'54
	-4 Jun 13 j 18:23	0°♊	
asc. node	-4 Jun 22 j 03:56	14°♊08'26	
morning set	-4 Jun 26 j 23:36	23°♊46'49	
	-4 Jun 29 j 23:05	0°♋	
superior conj	-4 Jul 04 j 09:36	9°♋18'04	1°38'47
minimum elong	-4 Jul 04 j 07:40	9°♋07'59	1°38'38
max. Earth dist.	-4 Jul 08 j 08:38	17°♋23'41	1.35168 AU
evening rise	-4 Jul 12 j 19:02	26°♋03'56	
	-4 Jul 14 j 21:19	0°♌	
desc. node	-4 Jul 31 j 19:29	27°♌56'51	
	-4 Aug 02 j 05:42	0°♍	
evening max el	-4 Aug 17 j 02:21	18°♍06'01	26°42'53
retrograde	-4 Aug 30 j 02:15	25°♍21'05	
evening set	-4 Sep 05 j 17:27	22°♍38'35	
min. Earth dist.	-4 Sep 09 j 18:17	18°♍30'40	0.65861 AU
inferior conj	-4 Sep 11 j 11:51	16°♍27'12	-2°-11'-26
minimum elong	-4 Sep 11 j 15:11	16°♍17'19	2°10'10
morning rise	-4 Sep 17 j 14:07	10°♍42'02	
asc. node	-4 Sep 18 j 03:06	10°♍26'25	
direct	-4 Sep 20 j 10:48	9°♍56'14	
morning max el	-4 Sep 27 j 02:09	13°♍35'13	18°28'37
	-4 Oct 08 j 21:14	0°♎	
morning set	-4 Oct 16 j 21:02	12°♎50'48	
desc. node	-4 Oct 27 j 18:46	0°♏16'41	
	-4 Oct 27 j 14:33	0°♏	
superior conj	-4 Nov 01 j 10:31	7°♏37'36	0°-30'-15
minimum elong	-4 Nov 01 j 06:33	7°♏21'56	0°29'44
max. Earth dist.	-4 Nov 02 j 14:26	9°♏27'24	1.45038 AU
	-4 Nov 15 j 16:06	0°♐	
evening rise	-4 Nov 17 j 16:22	3°♐10'23	
greatest brilliancy	-4 Nov 29 j 19:08	22°♐10'43	-0.7m
	-4 Dec 05 j 02:55	0°♑	
evening max el	-4 Dec 10 j 08:59	6°♑28'09	19°10'21
asc. node	-4 Dec 15 j 02:21	9°♑59'49	
retrograde	-4 Dec 17 j 08:57	10°♑28'21	
evening set	-4 Dec 20 j 15:24	9°♑26'11	
inferior conj	-4 Dec 26 j 07:32	3°♑34'19	3°11'31
minimum elong	-4 Dec 26 j 04:50	3°♑42'54	3°10'55
min. Earth dist.	-4 Dec 27 j 17:32	1°♑46'25	0.65902 AU
	-4 Dec 29 j 04:32	30°℞♐	
morning rise	-4 Dec 31 j 17:25	27°♐22'18	
direct	-3 Jan 07 j 02:50	24°♐34'48	
	-3 Jan 17 j 16:08	0°♑	
morning max el	-3 Jan 19 j 20:40	2°♑05'08	26°22'16
desc. node	-3 Jan 23 j 17:57	6°♑17'51	
	-3 Feb 09 j 22:30	0°♒	
morning set	-3 Feb 24 j 22:35	25°♒46'21	
	-3 Feb 27 j 03:59	0°♓	
max. Earth dist.	-3 Mar 01 j 01:48	3°♓42'42	1.35047 AU
superior conj	-3 Mar 05 j 19:47	13°♓15'08	-1°-10'-4
minimum elong	-3 Mar 05 j 23:03	13°♓31'51	1°09'34
asc. node	-3 Mar 13 j 01:41	28°♓16'53	
evening rise	-3 Mar 13 j 13:29	29°♓17'47	
	-3 Mar 13 j 21:42	0°♈	
evening max el	-3 Apr 01 j 08:08	29°♈38'26	20°42'05
	-3 Apr 01 j 17:15	0°♉	
retrograde	-3 Apr 12 j 13:09	5°♉02'58	
evening set	-3 Apr 14 j 17:43	4°♉51'24	
desc. node	-3 Apr 21 j 17:10	2°♉09'05	
inferior conj	-3 Apr 23 j 22:35	0°♉53'58	0°-38'-19
minimum elong	-3 Apr 23 j 20:46	0°♉56'34	0°37'41
min. Earth dist.	-3 Apr 25 j 01:20	0°♉15'37	0.55089 AU
	-3 Apr 25 j 12:20	30°℞♈	
morning rise	-3 May 02 j 22:31	26°♈44'15	
direct	-3 May 06 j 10:44	26°♈17'40	
	-3 May 16 j 10:43	0°♉	
morning max el	-3 May 19 j 15:52	2°♉41'05	23°01'52
	-3 Jun 07 j 03:49	0°♊	
asc. node	-3 Jun 09 j 00:58	3°♊44'46	
morning set	-3 Jun 11 j 10:37	8°♊42'01	
superior conj	-3 Jun 18 j 14:32	23°♊59'17	1°25'51
minimum elong	-3 Jun 18 j 12:05	23°♊46'12	1°25'33
max. Earth dist.	-3 Jun 21 j 05:49	29°♊34'02	1.33884 AU
	-3 Jun 21 j 10:46	0°♋	
evening rise	-3 Jun 26 j 07:59	9°♋57'11	
	-3 Jul 07 j 06:53	0°♌	
desc. node	-3 Jul 18 j 16:31	17°♌25'33	
	-3 Jul 29 j 02:12	0°♍	
evening max el	-3 Jul 30 j 14:06	1°♍28'46	27°17'52
retrograde	-3 Aug 13 j 00:56	8°♍47'53	
evening set	-3 Aug 20 j 02:12	6°♍03'56	
min. Earth dist.	-3 Aug 23 j 20:20	2°♍32'54	0.64561 AU
inferior conj	-3 Aug 26 j 02:58	0°♍04'38	-3°-5'-2
minimum elong	-3 Aug 26 j 07:24	29°♌52'34	3°03'37
	-3 Aug 26 j 04:41	30°℞♌	
morning rise	-3 Sep 01 j 14:22	24°♌34'53	
direct	-3 Sep 04 j 05:05	23°♌59'23	
asc. node	-3 Sep 05 j 00:10	24°♌02'42	
morning max el	-3 Sep 10 j 17:12	27°♌27'17	18°01'58
	-3 Sep 12 j 23:28	0°♍	
morning set	-3 Sep 28 j 06:49	24°♍08'32	
	-3 Oct 01 j 18:26	0°♎	
superior conj	-3 Oct 11 j 20:17	16°♎32'26	0°18'33
minimum elong	-3 Oct 11 j 22:27	16°♎41'10	0°18'14
desc. node	-3 Oct 14 j 15:47	21°♎02'40	
max. Earth dist.	-3 Oct 16 j 09:14	23°♎47'17	1.44608 AU
	-3 Oct 20 j 07:51	0°♏	
evening rise	-3 Oct 28 j 07:05	12°♏23'09	
	-3 Nov 08 j 20:06	0°♐	
greatest brilliancy	-3 Nov 16 j 16:04	11°♐23'03	-0.6m
evening max el	-3 Nov 23 j 14:03	19°♐56'12	20°04'17
retrograde	-3 Dec 01 j 06:28	24°♐26'32	
asc. node	-3 Dec 01 j 23:24	24°♐23'42	
evening set	-3 Dec 04 j 21:04	23°♐10'35	
inferior conj	-3 Dec 10 j 09:16	17°♐05'11	2°35'58
minimum elong	-3 Dec 10 j 06:31	17°♐14'24	2°35'08
min. Earth dist.	-3 Dec 11 j 05:46	15°♐56'36	0.66849 AU
morning rise	-3 Dec 15 j 15:24	10°♐50'21	
direct	-3 Dec 21 j 10:51	8°♐16'52	
morning max el	-2 Jan 02 j 05:25	15°♐17'12	25°05'46

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-2 Jan 10 j 14:59	25°♐03'13	
	-2 Jan 14 j 08:14	0°♑	
	-2 Feb 02 j 19:47	0°♒	
morning set	-2 Feb 07 j 09:31	7°♒59'08	
max. Earth dist.	-2 Feb 11 j 03:00	14°♒47'15	1.36800 AU
superior conj	-2 Feb 17 j 08:42	26°♒44'34	-1°-33'-34
minimum elong	-2 Feb 17 j 12:34	27°♒03'37	1°33'07
	-2 Feb 19 j 00:09	0°♓	
evening rise	-2 Feb 25 j 16:54	13°♓29'24	
asc. node	-2 Feb 27 j 22:43	17°♓57'22	
	-2 Mar 06 j 11:22	0°♈	
evening max el	-2 Mar 14 j 21:26	11°♈17'07	19°33'47
retrograde	-2 Mar 24 j 09:30	15°♈51'00	
evening set	-2 Mar 26 j 12:43	15°♈38'12	
inferior conj	-2 Apr 04 j 02:14	11°♈33'17	1°15'10
minimum elong	-2 Apr 04 j 05:15	11°♈28'27	1°14'10
min. Earth dist.	-2 Apr 06 j 15:42	9°♈55'27	0.55972 AU
desc. node	-2 Apr 08 j 14:10	8°♈46'30	
morning rise	-2 Apr 12 j 18:13	6°♈52'56	
direct	-2 Apr 17 j 05:39	6°♈07'53	
morning max el	-2 May 01 j 07:01	13°♈12'51	24°42'40
	-2 May 14 j 07:27	0°♉	
morning set	-2 May 26 j 22:37	23°♉41'07	
asc. node	-2 May 26 j 22:00	23°♉37'53	
	-2 May 29 j 21:33	0°♊	
superior conj	-2 Jun 02 j 23:40	8°♊53'14	1°08'28
minimum elong	-2 Jun 02 j 21:15	8°♊40'08	1°08'05
max. Earth dist.	-2 Jun 04 j 11:23	12°♊06'44	1.32986 AU
evening rise	-2 Jun 10 j 06:36	24°♊19'39	
	-2 Jun 13 j 02:42	0°♋	
	-2 Jun 30 j 21:50	0°♌	
desc. node	-2 Jul 05 j 13:31	6°♌12'11	
evening max el	-2 Jul 12 j 23:39	14°♌26'24	27°24'05
retrograde	-2 Jul 26 j 17:34	21°♌45'18	
evening set	-2 Aug 02 j 22:31	19°♌11'51	
min. Earth dist.	-2 Aug 06 j 12:32	16°♌12'11	0.62903 AU
inferior conj	-2 Aug 09 j 08:10	13°♌27'44	-3°-52'-45
minimum elong	-2 Aug 09 j 12:56	13°♌16'07	3°51'38
morning rise	-2 Aug 16 j 05:44	8°♌16'46	
direct	-2 Aug 18 j 16:56	7°♌48'31	
asc. node	-2 Aug 22 j 21:12	9°♌11'02	
morning max el	-2 Aug 25 j 08:53	11°♌13'51	17°53'07
	-2 Sep 06 j 22:53	0°♍	
morning set	-2 Sep 10 j 16:02	6°♍33'36	
superior conj	-2 Sep 22 j 06:52	26°♍42'11	0°59'04
minimum elong	-2 Sep 22 j 11:47	27°♍02'50	0°58'28
	-2 Sep 24 j 06:15	0°♎	
max. Earth dist.	-2 Sep 29 j 00:45	7°♎48'45	1.43501 AU
desc. node	-2 Oct 01 j 12:50	11°♎49'49	
evening rise	-2 Oct 07 j 14:01	21°♎20'21	
	-2 Oct 13 j 05:38	0°♏	
greatest brilliancy	-2 Nov 01 j 07:08	27°♏16'56	-0.4m
	-2 Nov 03 j 11:57	0°♐	
evening max el	-2 Nov 06 j 13:25	3°♐24'32	21°11'19
retrograde	-2 Nov 15 j 03:54	8°♐31'09	
asc. node	-2 Nov 18 j 20:25	7°♐14'35	
evening set	-2 Nov 19 j 04:37	6°♐59'34	
inferior conj	-2 Nov 24 j 14:37	0°♐44'06	1°53'05
minimum elong	-2 Nov 24 j 12:19	0°♐52'01	1°52'14
min. Earth dist.	-2 Nov 24 j 23:13	0°♐14'28	0.67429 AU
	-2 Nov 25 j 03:26	30°℞♏	
morning rise	-2 Nov 29 j 19:40	24°♏28'32	
direct	-2 Dec 04 j 23:52	22°♏15'07	
morning max el	-2 Dec 15 j 14:11	28°♏34'02	23°39'09
	-2 Dec 16 j 23:10	0°♐	
desc. node	-2 Dec 28 j 12:01	14°♐28'25	
	-1 Jan 08 j 02:38	0°♑	
morning set	-1 Jan 19 j 20:56	18°♑59'34	
max. Earth dist.	-1 Jan 23 j 22:07	25°♑59'40	1.38851 AU
	-1 Jan 26 j 04:10	0°♒	
superior conj	-1 Jan 31 j 08:22	9°♒30'53	-1°-51'-53
minimum elong	-1 Jan 31 j 11:43	9°♒46'37	1°51'39
evening rise	-1 Feb 09 j 12:49	27°♒13'06	
	-1 Feb 10 j 23:14	0°♓	
asc. node	-1 Feb 14 j 19:44	7°♓17'23	
evening max el	-1 Feb 25 j 20:56	23°♓32'37	18°45'09
retrograde	-1 Mar 05 j 22:33	27°♓27'36	
evening set	-1 Mar 08 j 05:56	27°♓09'35	
inferior conj	-1 Mar 16 j 00:55	22°♓47'35	2°39'57
minimum elong	-1 Mar 16 j 05:14	22°♓39'31	2°38'52
min. Earth dist.	-1 Mar 19 j 08:40	20°♓20'28	0.57595 AU
morning rise	-1 Mar 24 j 00:20	17°♓34'44	
desc. node	-1 Mar 26 j 11:11	16°♓42'19	
direct	-1 Mar 29 j 14:37	16°♓17'47	
morning max el	-1 Apr 12 j 22:53	23°♓49'16	26°12'20
	-1 Apr 18 j 13:06	0°♈	
	-1 May 07 j 04:17	0°♉	
morning set	-1 May 11 j 09:54	8°♉37'33	
asc. node	-1 May 13 j 19:02	13°♉41'38	
superior conj	-1 May 18 j 10:57	23°♉52'14	0°47'33
minimum elong	-1 May 18 j 09:02	23°♉41'44	0°47'11
max. Earth dist.	-1 May 18 j 22:16	24°♉54'16	1.32471 AU
	-1 May 21 j 06:16	0°♊	
evening rise	-1 May 25 j 11:47	9°♊00'49	
	-1 Jun 05 j 11:45	0°♋	
desc. node	-1 Jun 22 j 10:32	23°♋58'18	
evening max el	-1 Jun 25 j 04:32	26°♋46'06	26°57'44
	-1 Jun 28 j 23:39	0°♌	
retrograde	-1 Jul 09 j 03:15	4°♌02'50	
evening set	-1 Jul 16 j 02:05	1°♌54'09	
	-1 Jul 18 j 19:27	30°℞♋	
min. Earth dist.	-1 Jul 19 j 18:32	29°♋13'41	0.60957 AU
inferior conj	-1 Jul 23 j 00:05	26°♋27'38	-4°-29'-6
minimum elong	-1 Jul 23 j 03:43	26°♋19'49	4°28'38
morning rise	-1 Jul 30 j 08:26	21°♋38'08	
direct	-1 Aug 01 j 18:36	21°♋14'41	
morning max el	-1 Aug 08 j 22:09	24°♋46'29	18°03'03
asc. node	-1 Aug 09 j 18:14	25°♋37'36	
	-1 Aug 13 j 06:03	0°♌	
morning set	-1 Aug 24 j 18:40	19°♌48'23	
	-1 Aug 30 j 07:12	0°♍	
superior conj	-1 Sep 03 j 20:27	8°♍11'24	1°26'52
minimum elong	-1 Sep 04 j 00:43	8°♍30'14	1°26'28
max. Earth dist.	-1 Sep 11 j 10:38	21°♍14'23	1.41861 AU
	-1 Sep 16 j 19:10	0°♎	
evening rise	-1 Sep 17 j 07:07	0°♎47'50	
desc. node	-1 Sep 18 j 09:53	2°♎34'23	
	-1 Oct 06 j 18:29	0°♏	
greatest brilliancy	-1 Oct 15 j 12:44	11°♏32'44	-0.3m
evening max el	-1 Oct 20 j 07:14	16°♏54'08	22°27'40
retrograde	-1 Oct 29 j 23:28	22°♏39'22	
evening set	-1 Nov 03 j 12:19	20°♏50'33	
asc. node	-1 Nov 05 j 17:27	18°♏38'14	
inferior conj	-1 Nov 08 j 21:38	14°♏28'53	1°04'39
minimum elong	-1 Nov 08 j 20:11	14°♏33'53	1°04'02
min. Earth dist.	-1 Nov 08 j 19:29	14°♏36'20	0.67665 AU
morning rise	-1 Nov 14 j 03:56	8°♏14'59	
direct	-1 Nov 18 j 17:04	6°♏24'01	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning max el	-1 Nov 28 j 01:50	11°♏56'11	22°12'08	
greatest brilliancy	-1 Dec 02 j 17:54	17°♏11'22	-0.3m	
	-1 Dec 12 j 08:09	0°♐		
desc. node	-1 Dec 15 j 09:05	4°♐22'19		
morning set	-1 Dec 31 j 03:41	28°♐36'09		
	00 Jan 01 j 00:23	0°♑		
max. Earth dist.	00 Jan 05 j 19:09	7°♑54'12	1.40964 AU	
superior conj	00 Jan 13 j 14:01	21°♑22'45	-2°-1'-27	
minimum elong	00 Jan 13 j 14:59	21°♑27'04	2°01'26	
	00 Jan 18 j 08:17	0°♒		
evening rise	00 Jan 23 j 22:04	10°♒21'37		
asc. node	00 Feb 01 j 16:46	26°♒10'14		
	00 Feb 04 j 03:06	0°♓		
evening max el	00 Feb 09 j 03:54	6°♓17'51	18°16'35	
retrograde	00 Feb 16 j 06:09	9°♓50'00		
evening set	00 Feb 18 j 18:25	9°♓24'23		
inferior conj	00 Feb 25 j 20:36	4°♓41'16	3°29'29	
minimum elong	00 Feb 25 j 23:27	4°♓35'04	3°29'04	
min. Earth dist.	00 Feb 29 j 06:13	1°♓45'57	0.59630 AU	
	00 Mar 02 j 13:57	30°℞♒		
morning rise	00 Mar 04 j 01:00	29°♒04'09		
direct	00 Mar 10 j 12:35	27°♒09'20		
desc. node	00 Mar 12 j 08:13	27°♒18'06		
	00 Mar 18 j 20:23	0°♓		
morning max el	00 Mar 24 j 19:43	4°♓54'21	27°16'25	
	00 Apr 12 j 08:48	0°♈		
morning set	00 Apr 24 j 18:49	23°♈25'23		
	00 Apr 27 j 21:21	0°♉		
asc. node	00 Apr 29 j 16:05	3°♉51'26		
superior conj	00 May 01 j 22:41	8°♉50'18	0°23'54	
minimum elong	00 May 01 j 21:38	8°♉44'31	0°23'41	
max. Earth dist.	00 May 01 j 10:59	7°♉46'06	1.32327 AU	
evening rise	00 May 08 j 21:10	23°♉52'43		
	00 May 11 j 20:20	0°♊		
	00 May 29 j 18:27	0°♋		
evening max el	00 Jun 06 j 03:02	8°♋21'25	25°59'20	
desc. node	00 Jun 08 j 07:31	10°♋18'51		
retrograde	00 Jun 20 j 04:12	15°♋33'51		
evening set	00 Jun 26 j 08:21	14°♋01'33		
min. Earth dist.	00 Jun 30 j 15:43	11°♋23'02	0.58901 AU	
inferior conj	00 Jul 03 j 23:12	8°♋55'16	-4°-45'-18	
minimum elong	00 Jul 03 j 23:37	8°♋54'30	4°45'18	
morning rise	00 Jul 11 j 18:29	4°♋28'23		
direct	00 Jul 14 j 05:54	4°♋07'53		
morning max el	00 Jul 22 j 05:56	7°♋56'42	18°32'54	
asc. node	00 Jul 26 j 15:18	13°♋07'20		
	00 Aug 05 j 11:58	0°♌		
morning set	00 Aug 07 j 09:47	3°♌39'59		
superior conj	00 Aug 16 j 08:36	20°♌47'34	1°42'13	
minimum elong	00 Aug 16 j 10:48	20°♌57'52	1°42'06	
	00 Aug 21 j 09:41	0°♍		
max. Earth dist.	00 Aug 23 j 15:37	3°♍57'50	1.39913 AU	
evening rise	00 Aug 27 j 22:43	11°♍18'39		
desc. node	00 Sep 04 j 06:55	23°♍12'35		
	00 Sep 08 j 16:50	0°♎		
	00 Oct 01 j 10:26	0°♏		
evening max el	00 Oct 01 j 20:59	0°♏26'34	23°47'55	
retrograde	00 Oct 12 j 15:46	6°♏47'39		
evening set	00 Oct 17 j 18:29	4°♏40'45		
	00 Oct 21 j 22:02	30°℞♎		
min. Earth dist.	00 Oct 22 j 16:00	28°♎59'27	0.67584 AU	
asc. node	00 Oct 22 j 14:30	29°♎04'31		
inferior conj	00 Oct 23 j 04:31	28°♎16'49	0°12'06	
minimum elong	00 Oct 23 j 04:14	28°♎17'49	0°11'58	
transit middle	00 Oct 23 j 04:14	28°♎17'49	0°11'58	
transit begin	00 Oct 23 j 02:23	28°♎24'06		
transit end	00 Oct 23 j 06:04	28°♎11'32		
morning rise	00 Oct 28 j 14:07	22°♎07'19		
direct	00 Nov 01 j 13:24	20°♎38'18		
morning max el	00 Nov 09 j 19:42	25°♎26'51	20°52'17	
	00 Nov 13 j 20:21	0°♏		
greatest brilliancy	00 Nov 15 j 13:36	2°♏10'05	-0.5m	
desc. node	00 Dec 01 j 06:09	24°♏36'14		
	00 Dec 04 j 19:21	0°♐		
morning set	00 Dec 09 j 08:20	7°♐01'02		
max. Earth dist.	00 Dec 17 j 23:41	20°♐45'44	1.42844 AU	
	00 Dec 23 j 14:04	0°♑		
superior conj	00 Dec 24 j 20:08	2°♑06'25	-1°-57'-47	
minimum elong	00 Dec 24 j 16:40	1°♑51'46	1°57'41	
evening rise	01 Jan 05 j 16:42	22°♑45'56		
	01 Jan 09 j 18:20	0°♒		
asc. node	01 Jan 18 j 13:49	14°♒26'38		
evening max el	01 Jan 22 j 15:08	19°♒22'48	18°07'38	
retrograde	01 Jan 29 j 05:16	22°♒47'34		
evening set	01 Jan 31 j 21:55	22°♒13'05		
inferior conj	01 Feb 07 j 10:39	17°♒08'15	3°49'05	
minimum elong	01 Feb 07 j 11:14	17°♒06'47	3°49'04	
min. Earth dist.	01 Feb 10 j 10:51	14°♒09'49	0.61726 AU	
morning rise	01 Feb 13 j 22:07	11°♒15'16		
direct	01 Feb 20 j 20:29	8°♒48'16		
desc. node	01 Feb 27 j 05:16	10°♒37'02		
morning max el	01 Mar 06 j 22:42	16°♒39'09	27°45'52	
	01 Mar 17 j 23:36	0°♓		
	01 Apr 04 j 23:21	0°♈		
morning set	01 Apr 08 j 23:23	7°♈57'10		
max. Earth dist.	01 Apr 14 j 21:44	20°♈28'17	1.32553 AU	
superior conj	01 Apr 16 j 09:10	23°♈40'43	0°-1'-45	
minimum elong	01 Apr 16 j 09:15	23°♈41'10	0°01'44	
behind sun begin	01 Apr 16 j 04:10	23°♈13'28		
behind sun end	01 Apr 16 j 14:20	24°♈08'52		
asc. node	01 Apr 16 j 13:09	24°♈02'22		
	01 Apr 19 j 06:42	0°♉		
evening rise	01 Apr 23 j 08:39	8°♉47'25		
	01 May 04 j 09:38	0°♊		
evening max el	01 May 18 j 19:24	19°♊15'51	24°36'04	
desc. node	01 May 26 j 04:32	24°♊40'39		
retrograde	01 Jun 01 j 17:51	26°♊18'36		
evening set	01 Jun 06 j 15:33	25°♊24'27		
min. Earth dist.	01 Jun 12 j 06:48	22°♊31'04	0.56998 AU	
inferior conj	01 Jun 15 j 02:36	20°♊41'39	-4°-29'-8	
minimum elong	01 Jun 14 j 22:18	20°♊48'39	4°28'36	
morning rise	01 Jun 23 j 08:49	16°♊35'34		
direct	01 Jun 25 j 23:03	16°♊16'53		
morning max el	01 Jul 05 j 05:17	20°♊35'17	19°23'46	
	01 Jul 12 j 14:57	0°♋		
asc. node	01 Jul 13 j 12:23	1°♋26'21		
morning set	01 Jul 22 j 09:45	17°♋58'53		
	01 Jul 28 j 09:52	0°♌		
superior conj	01 Jul 30 j 13:41	4°♌15'26	1°47'08	
minimum elong	01 Jul 30 j 13:51	4°♌16'11	1°47'08	
max. Earth dist.	01 Aug 05 j 19:02	16°♌05'08	1.37904 AU	
evening rise	01 Aug 09 j 15:02	22°♌59'58		
	01 Aug 13 j 16:22	0°♍		
desc. node	01 Aug 22 j 03:55	13°♍40'10		
	01 Sep 02 j 12:07	0°♎		
evening max el	01 Sep 14 j 08:47	14°♎02'37	25°05'13	
retrograde	01 Sep 26 j 03:54	20°♎52'36		
evening set	01 Oct 01 j 21:25	18°♎28'25		